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PERIODIC REVIEW REPORT

1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK
NYSDEC SITE NO. C224347

by
H & A of New York Engineering and Geology, LLP
New York, New York

for
1885 Atlantic Realty LLC
Hauppauge, New York

File No. 0205125
April 2026

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SIGNATURE PAGE FOR

PERIODIC REVIEW REPORT FOR PERIOD ENDING APRIL 2, 2026
1885 ATLANTIC AVENUE REDEVELOPMENT
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

PREPARED FOR
1885 ATLANTIC REALTY LLC
HAUPPAUGE, NEW YORK

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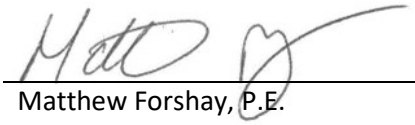

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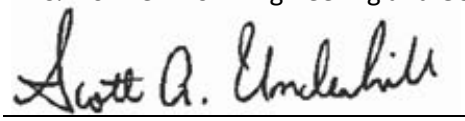

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Certifications

I, Scott A. Underhill, am currently a registered professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the Site Management Plan protocols, and I certify that the documentation of site management activities is accurately presented in the Periodic Review Report for the period ending April 2, 2026, for the 1885 Atlantic Avenue Redevelopment located in Brooklyn, New York, BCP Site No. C224347 (the "Site").

For each institutional or engineering control identified for the Site, I certify that all of the following statements are true:

a) The inspection of the Site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
b) The institutional control and/or engineering control employed at this Site is unchanged from the date the control was put in place, or last approved by the New York State Department of Environmental Conservation (Department);
c) Nothing has occurred that would impair the ability of the control to protect the public health and environment;
d) Nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control;
e) Access to the Site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
f) If a financial assurance mechanism is required under the oversight document for the Site, the mechanism remains valid and sufficient for the intended purpose under the document;
g) Use of the Site is compliant with the Environmental Easement;
h) The engineering control systems are performing as designed and are effective;
i) To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the Site remedial program and generally accepted engineering practices; and
j) The information presented in this report is accurate and complete

NYS Professional Engineer No. 075332

04/13/2026
Date

Signature

HALEY ALDRICH

Executive Summary

On behalf of 1885 Atlantic Realty LLC (the Volunteer), H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) submits this first Periodic Review Report (PRR) for Brownfield Cleanup Program (BCP) Site No. C224347, for the property located at 1885 Atlantic Avenue in Brooklyn, New York (herein referred to as the "Site") for the period of December 2, 2024, through April 2, 2026. The Site location map is provided as **Figure 1**. This PRR is prepared in accordance with New York State Environmental Conservation Law and New York State guidance entitled *DER-10 / Technical Guidance for Site Investigation and Remediation*, dated May 3, 2010 (New York State Department of Environmental Conservation [NYSDEC], 2010). The PRR Form for this period is provided in **Appendix A**.

On February 16, 2022, the Site was accepted into the NYSDEC BCP, and a Brownfield Cleanup Agreement (BCA) was executed.

From March 2022 to January 2023, Haley & Aldrich of New York conducted Remedial Investigation (RI) and Supplemental RI activities in soil, groundwater, and soil vapor. Analytical results revealed the presence of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals in soil samples; VOCs, SVOCs, total and dissolved metals, and per- and polyfluoroalkyl substances (PFAS) in groundwater; and VOCs, specifically, benzene, toluene, ethylbenzene, and xylenes (BTEX), 2,2,4-trimethylpentane, cyclohexane, heptane, and n-hexane (Site Contaminants of Concern [COCs]) in soil vapor samples at the Site.

From May to August 2022, an Interim Remedial Measure (IRM) was implemented at the Site that included the removal of kiosks, canopies, storage sheds, product dispensers and pump islands, and six underground storage tanks (USTs).

From September 2023 to August 2024, the Remedial Action was implemented at the Site and included in-situ chemical oxidation (ISCO), soil excavation, and installation of a soil vapor extraction (SVE) system and sub-slab depressurization system (SSDS). The Remedial Action achieved Restricted-Residential Soil Cleanup Objectives (RRSCOs) in soil and a Track 2 remedy.

In December 2024, the NYSDEC issued a Certificate of Completion for the Site and approved the Site Management Plan (SMP) for operations and maintenance of the engineering controls, which included the SVE system and SSDS and long-term monitoring activities associated with remaining on-site groundwater and soil vapor contamination.

In accordance with the NYSDEC-approved SMP, Haley & Aldrich of New York conducted monthly monitoring of the SVE system starting in February 2025, quarterly groundwater monitoring since March 2024, and biannual monitoring of the SSDS starting in April 2025. Continued operation and monitoring of the SVE system, SSDS, and groundwater conditions, along with the SVI Evaluation dated March 2025, have demonstrated conformance to the Remedial Action Objectives.

Based on pre-treatment vapor observed over the last 16 months, Haley & Aldrich of New York recommends continuing to operate the SVE system and SSDS without carbon treatment for one more year prior to petitioning NYSDEC to conduct a shutdown test during the 2026/2027 heating season. Haley & Aldrich of New York also recommends discontinuing groundwater sampling and decommissioning MW-6, MW-7, and MW-8.

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List of Abbreviations

Abbreviation	Definition
µg/L	micrograms per liter
µg/m^3	micrograms per cubic meter
AGV	Air Guidance Value
AP-pH	alkaline-activated persulfate
AWQS	Ambient Water Quality Standards
BCP	Brownfield Cleanup Program
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, xylenes
CAMP	Community Air Monitoring Plan
CCR	Construction Completion Report
cfm	cubic feet per minute
CHASP	Construction Health & Safety Plan
COC	Contaminant of Concern
CP	Commissioner Policy
cu yd	cubic yard/cubic yards
DER	Division of Environmental Remediation
DO	dissolved oxygen
DUSR	Data Usability Summary Report
ECs	Engineering Controls
EDD	Electronic Data Deliverable
EE	Environmental Easement
ELAP	Environmental Laboratory Approval Program
ft	feet/foot
GAC	granular activated carbon
Haley & Aldrich of New York	H & A of New York Engineering and Geology, LLP
HVAC	heating, ventilation, and air conditioning
ICs	Institutional Controls
IRM	Interim Remedial Measure
IRMWP	Interim Remedial Measure Work Plan
ISCO	in-situ chemical oxidation
IWC	inches of water column
L/min	liters per minute
mg/L	milligrams per liter
mL/min	milliliters per minute
MP	monitoring point
mV	millivolt
N/A	not applicable
NYCDOHMH	New York City Department of Health and Mental Hygiene
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health

Abbreviation	Definition
P.E.	Professional Engineer
PAH	polycyclic aromatic hydrocarbon
PBS	Petroleum Bulk Storage
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
PFAS	per- and polyfluoroalkyl substances
PGWSCO	Protection of Groundwater Soil Cleanup Objective
PID	photoionization detector
ppm	parts per million
PRR	Periodic Review Report
psi	pounds per square inch
PVC	polyvinyl chloride
RAWP	Remedial Action Work Plan
RCA	recycled concrete aggregate
RI	Remedial Investigation
RIR	Remedial Investigation Report
RRSCO	Restricted Residential Soil Cleanup Objective
Site	1885 Atlantic Avenue in Brooklyn, Kings County, New York
SMP	Site Management Plan
SOE	support of excavation
sq ft	square feet/square foot
SRI	Supplemental Remedial Investigation
SSDS	sub-slab depressurization system
SVE	soil vapor extraction
SVI	soil vapor intrusion
SVOCs	semi-volatile organic compounds
TCE	trichloroethene
USEPA	U.S. Environmental Protection Agency
UST	underground storage tank
UUSCO	Unrestricted Use Soil Cleanup Objective
VOCs	volatile organic compounds

1. Introduction

The 1885 Atlantic Avenue Redevelopment site (hereinafter referred to as the "Site") is located at 1885 Atlantic Avenue in Brooklyn, Kings County, New York, and is identified as Block 1714, Lot 30 on the New York City Tax Map. The Site is currently in the New York State Brownfield Cleanup Program (BCP), Site No. C224347, which is administered by the New York State Department of Environmental Conservation (NYSDEC). The Site is approximately 0.249 acres (approximately 10,800 square feet [sq ft]) and is bound to the north by a vacant vegetated lot; to the east by Ralph Avenue followed by mixed-use commercial and residential buildings; to the south by Atlantic Avenue and the Long Island Railroad Tracks followed by commercial buildings including an auto repair facility; and to the west by a commercial building occupied by a McDonalds fast food restaurant. A Project Locus is provided as **Figure 1**. A figure showing the boundaries of the Site is provided as **Figure 2**.

The Site consists of a nine-story mixed-use commercial/residential, mixed-income building with one full cellar level. The building encompasses the entire lot footprint and extends 12 to 14 feet (ft) below ground surface (bgs). The cellar level is utilized as a parking garage, compactor room, electrical room, mechanical rooms, and bicycle storage. The first floor is occupied by a parking garage, bicycle parking, a residential lobby and lounge, a laundry room, a package room, and a residential unit. The second floor is occupied by residential units and an outdoor courtyard. The third through ninth floors are occupied by residential units. The development use is consistent with existing zoning for the property. The depth to groundwater is approximately 60 ft bgs.

Previous Site investigation activities documented the presence of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and per- and polyfluoroalkyl substances (PFAS) in soil samples; VOCs, SVOCs, total and dissolved metals, and PFAS in groundwater; and VOCs, specifically, benzene, toluene, ethylbenzene, and xylenes (BTEX), in soil vapor samples at the Site.

From May to August 2022, an Interim Remedial Measure (IRM) was implemented at the Site that included the removal of kiosks, canopies, storage sheds, product dispensers and pump islands, and six underground storage tanks (USTs). The UST field was excavated to an approximate depth of 12 ft below sidewalk grade. Non-hazardous contaminated soils associated with the UST excavation area were disposed of off Site.

From September 2023 to August 2024, the Remedial Action was implemented at the Site and included a round of in-situ chemical oxidation (ISCO) injections (September 26 to 29, 2023), excavation of contaminated soil, installation of a soil vapor extraction (SVE) system, and installation of a sub-slab depressurization system (SSDS). Remedial excavation to remove non-hazardous contaminated soil ranged between 4 and 20 ft bgs. Deeper excavations occurred in localized endpoint grid areas and the former UST area, where over-excavation was required to achieve Restricted Residential Use Soil Cleanup Objectives (RRSCOs). Due to the presence of deep soil and soil vapor contamination, an SVE system was installed beneath the northeastern portion of the building to treat source material ranging from 20 to 60 ft bgs, and an SSDS was installed beneath the building foundation and consisted of horizontal perforated piping within a permeable stone layer under a Stego® Wrap 20-mil vapor barrier and concrete slab to mitigate potential soil vapor intrusion (SVI) issues.

In December 2024, the NYSDEC issued a Certificate of Completion for the Site and approved the Site Management Plan (SMP) dated September 2024 for operations and maintenance of the engineering

controls (ECs), which included the SVE system and SSDS and long-term monitoring activities associated with the remaining on-site groundwater and soil vapor contamination.

Since approval of the SMP in December 2024, H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) conducted quarterly groundwater sampling events at the Site. The analytical results of the groundwater samples were compared to the NYSDEC Ambient Water Quality Standards (AWQS). Groundwater analytical results indicated that since the Remedial Action, Site-related contaminants have been below their AWQS in groundwater. Tetrachloroethene (PCE), a contaminant not associated with on-site contamination, has been consistently detected in the upgradient well (MW-6) and side gradient well (MW-7) above its AWQS since March 2024. PCE was only detected above its AWQS in the downgradient well (MW-8) once, in March 2024. PCE concentrations detected in on-site groundwater are likely from an upgradient, off-site source.

In accordance with the NYSDEC-approved SMP, Haley & Aldrich of New York conducted monthly monitoring of the SVE system starting in February 2025 and biannual monitoring of the SSDS starting in April 2025.

In March 2025, Haley & Aldrich of New York conducted an SVI Evaluation during the 2024-2025 heating season. Analytical results revealed elevated concentrations of cyclohexane, 2,2,4-trimethylpentane, and hexane in the sub-slab and indoor air. However, the lowest level of the building is currently used as a parking garage and was in use during the SVI Evaluation. Additionally, the building has ECs, including an active SSDS and cover system consisting of a 20-mil vapor barrier and concrete slab. SVI is not a concern at this time.

2. Site Background

2.1 SITE HISTORY

A review of Sanborn Fire Insurance Maps shows the Site as vacant until 1908, when it was partially developed with a two-story woodworking shop in the western portion of the Site. By 1932, the woodworking shop was replaced with an auto repair shop, and a garage was developed on the southern half of the Site. A gasoline tank is indicated on the 1932 Sanborn Fire Insurance Map in the southern portion of the Site along Atlantic Avenue. By the early 1950s, the former garage operated as a metal product manufacturing facility, and the former auto repair shop was occupied by a plumber. By the early 1960s, the formerly identified structures were razed, and the Site was identified as a gasoline filling station and an auto wrecking facility, with the Site partially developed with a one-story building. The formerly identified gasoline tank was not depicted on Sanborn Fire Insurance Maps after 1951. By 1978, the formerly identified structures were razed, and the auto wrecking facility was no longer present. The entire Site was identified as a gasoline service station with a one-story commercial building in the northwest corner of the Site. City Directories indicate that "Safeway Ralph" operated the gasoline station in the early to mid-1970s, followed by "Merit Gasoline Stations." The Site most recently operated as a Speedway gasoline service station and had been vacant since January 2022.

1885 Atlantic Realty LLC acquired ownership of the Site in March 2022. Demolition activities of the former gasoline filling station superstructures were completed in May 2022. From June through August 2022, an IRM was performed at the Site in accordance with a NYSDEC-approved Interim Remedial Measure Work Plan (IRMWP) dated February 2022. The IRM included demolition of retail petroleum operation-related superstructures; removal of six USTs; excavation, transportation, and off-site disposal of soil materials; collection of two documentation soil samples; backfilling the excavation area with imported clean quarry stone; and updating the NYSDEC Petroleum Bulk Storage (PBS) Registry to reflect the status of the tanks as closed-removed. The summary of the IRM, including the total volume of soil disposed and stone imported to the Site, is provided in the NYSDEC-approved January 2023 Construction Completion Report (CCR). Following the CCR, the Site was remediated in accordance with the remedy selected by the NYSDEC in the Remedial Action Work Plan (RAWP) dated August 1, 2023, and the Decision Document dated September 14, 2023, described further in Section 3.

2.2 GEOLOGY AND HYDROGEOLOGY

2.2.1 Geology

Based on field observations from the Remedial Investigation (RI) and Supplemental Remedial Investigation (SRI), the Site was underlain by a layer of urban historical fill generally consisting of light to dark brown, fine to medium sand with varying amounts of silt, clay, and gravel with brick, concrete, slag/ash, glass, ceramic, and asphalt fragments. Fill remains on Site between 14 and 15 ft bgs, except in areas represented by endpoint samples EP-7, EP-12, and EP-13 in Haley & Aldrich of New York's *Final Engineering Report* (September 2024). Brown to orange fine to medium sand with varying amounts of silt, gravel, and intermittent clay lenses underly the fill layer and extends to at least 60 ft bgs

2.2.2 Hydrogeology

Based on Site-specific groundwater measurements, groundwater beneath the Site ranges from approximately 60 to 64 ft bgs. Groundwater flow beneath the Site is generally from northeast to southwest.

2.2.3 Nature and Extent of Contamination Prior to Remediation

The contamination, present in shallow and deep soil/fill, deep groundwater, and soil vapor across the Site, was related to the Site's historical operations. The results of Haley & Aldrich of New York's RI were compared to NYSDEC Part 375 RRSCOs, Unrestricted Use Soil Cleanup Objectives (UUSCOs), and/or the Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) for soil; the NYSDEC Class GA AWQS and Ambient Water Quality Guidance Values for groundwater; and the New York State Department of Health (NYSDOH) Air Guidance Values (AGVs) for soil vapor.

The primary Contaminants of Concern (COCs) included VOCs (specifically BTEX), SVOCs (specifically polycyclic aromatic hydrocarbons [PAHs]), and heavy metals detected in soil; VOCs (specifically BTEX), SVOCs (specifically PAHs), heavy metals, and PFAS detected in groundwater; and petroleum-based VOCs detected in soil vapor.

3. Site Remediation

3.1 SITE REMEDIATION

The Site was remediated in accordance with the remedy selected by the NYSDEC in the RAWP dated August 1, 2023, the Decision Document dated September 14, 2023, and all applicable federal, state, and local rules and regulations. The Site was remediated as a Track 2 remedy (Alternative II) that consisted of ISCO injections, the removal of on-site soil that exceeded RRSCOs, and installation of an SVE system in the northeastern portion of the Site and an SSDS beneath the entire building footprint. Prior to the implementation of the remedy, the demolition of the existing building was completed in May 2022. Remedial activities occurred at the Site between September 26, 2023, and August 7, 2024. A Track 2 cleanup was achieved.

The factors considered during the selection of the remedy are those listed in Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375-1.8. The following were the components of the selected remedy:

1. Development and implementation of a Construction Health and Safety Plan (CHASP) and Community Air Monitoring Plan (CAMP) for the protection of on-site workers, the community, residents, and the environment during remediation and construction activities.
2. Design and construction of a support of excavation (SOE) system to facilitate excavation of soil exceeding RRSCOs to a depth of at least 14 ft bgs Site-wide.
3. Implementation of soil erosion, pollution, and sediment control measures in compliance with applicable laws and regulations.
4. Removal of the existing asphalt cover and miscellaneous debris on the Site.
5. Decommissioning of on-site monitoring wells in accordance with NYSDEC Commissioner Policy 43 (CP-43).
6. Excavation, stockpiling, off-site transport, and disposal of about 1,400 cubic yards (cu yd) of historic fill and solid waste that exceeds RRSCOs as defined by 6 NYCRR Part 375-6.8, and to facilitate the installation of an SSDS.
7. Removal of four USTs and/or associated appurtenances (e.g., fill lines, vent lines, and electrical conduits) as well as decommissioning and off-site disposal during redevelopment in accordance with Division of Environmental Remediation (DER)-10, 6 NYCRR Part 613.9, NYSDEC CP-51, and other applicable NYSDEC UST closure requirements.
8. Screening for indications of contamination (by visual means, odor, and monitoring photoionization detectors [PIDs]) of excavated material during intrusive Site work.
9. Implementation of a preliminary waste characterization to facilitate off-site disposal of excavated soil/fill.
10. Appropriate off-site disposal of material removed from the Site in accordance with federal, state, and local rules and regulations for handling, transport, and disposal.
11. Installation, operation, and monitoring of an SVE system to remediate concentrations of petroleum-related VOCs above the PGWSCOs in the vadose zone in the northeastern portion of the Site. The SVE system was installed to remediate petroleum-impacted soils in the northeastern

portion of the Site deeper than 15 ft bgs, down to the groundwater table, located at approximately 60 ft bgs.

12. Implementation of ISCO by temporary injection points utilizing alkaline-activated persulfate (AP-pH) to reduce elevated concentrations of VOCs, including petroleum-related VOCs and chlorinated VOCs in groundwater.
13. Backfilling of excavated areas, as necessary for development, with certified-clean fill/soil (i.e., meeting the Allowable Constituent Levels for Imported Fill or Soil as per unrestricted use defined in DER-10 Appendix 5), recycled concrete aggregate (RCA), or virgin, native crushed stone.
14. Collection and analysis of confirmation soil samples at the proposed remediation depth in accordance with DER-10 to confirm a Track 2 remedy was achieved. All confirmation soil samples were analyzed for the Part 375 list of VOCs, SVOCs, pesticides, polychlorinated biphenyls (PCBs), metals, PFAS, and 1,4-dioxane.
15. Installation, operation, and monitoring of an active SSDS to mitigate potential exposures related to SVI.
16. Installation of new permanent groundwater monitoring wells MW-6 through MW-8 for post-remedy groundwater monitoring within the vicinity of RI monitoring wells MW-3, MW-4, and MW-5, respectively.
17. Quarterly collection and analysis of groundwater samples for VOCs in accordance with DER-10 for a minimum of one year following remedial excavation activities to document groundwater quality beneath the Site.
18. Completion of an SVI Evaluation in accordance with DER-10 and NYSDOH Final Guidance on Soil Vapor Intrusion following remedial activities and prior to occupancy.
19. Establish an SMP for institutional controls (ICs) and ECs that includes an Institutional and Engineering Control Plan, Monitoring Plan, and Operations and Maintenance Plan.

3.2 SUMMARY OF CONTAMINATION REMAINING AT THE SITE

3.2.1 Soil

Soil was characterized during investigations prior to entering the BCP and during the RI conducted as part of the BCP. During the RI, soil beneath the Site was found to have concentrations of VOCs, SVOCs, and metals above the RRSCOs; therefore, soil excavation and disposal were included as a component of the Decision Document. Excavation was completed at the Site to reduce petroleum-based VOC and PAH concentrations in soil down to 14 ft bgs. However, deeper VOC contamination above the PGWSCOs is present beneath the building down to 60 ft bgs and is currently being treated by an SVE system.

3.2.2 Groundwater

Groundwater quality was characterized during investigations prior to entering the BCP and during the RI conducted as part of the BCP. During the RI, groundwater beneath the Site was found to have concentrations of petroleum-related VOCs, petroleum-related SVOCs, and metals above the AWQS; therefore, groundwater treatment was included as a component of the Decision Document. A groundwater treatment program was completed at the Site to reduce petroleum-based VOC and PAH concentrations in groundwater. Quarterly groundwater monitoring is conducted and compared to groundwater data from the RI to confirm the efficacy of the groundwater treatment. RI data was collected

from five wells (MW-1 through MW-5) that were abandoned during the remediation; three new monitoring wells (MW-6 through MW-8) were installed post-remediation (i.e., excavation and chemical injections) and are sampled on a quarterly basis to monitor remediation efforts. Petroleum-related VOCs in the groundwater are below the AWQS; PCE detected in the groundwater above the AWQS during the post-remedial groundwater sampling is upgradient from and at higher concentrations than the concentrations detected during the RI, indicating that the PCE concentrations detected within groundwater at the Site are from an off-site source.

Groundwater use at the Site is also subject to the ICs documented within the Environmental Easement (EE) and is restricted for use as a source of potable or process water without necessary water quality treatment as determined by NYSDOH.

3.2.3 Soil Vapor

Sub-slab soil vapor and indoor air quality were characterized during previous investigations. Soil vapor and indoor air analytical results from the RI and SRI identified VOCs as a COC for the Site. Remedial activities at the Site were conducted in accordance with the RAWP. Soil at the Site was removed, at a minimum, to a depth of 14 ft bgs. However, previous investigations have demonstrated elevated VOCs in soil and soil vapor between 45 and 60 ft bgs. An SVE system was installed to mitigate the deeper soil vapor contaminants associated with deeper soil contamination. The Site is also subject to the ICs documented within the EE.

In March 2025, Haley & Aldrich of New York collected sub-slab soil vapor samples and co-located indoor air samples from the building interior within the parking garage space to evaluate the potential for SVI in the new on-site building (*Post-Remediation Quarterly Progress Report – March 2025*, prepared by Haley & Aldrich of New York, dated August 2025). The samples were collected during normal operating conditions of the 2024/2025 heating season without the interference from construction activities; however, the cellar was and is utilized as an active parking garage. The SVI Evaluation results are discussed in Section 6.7 below and are included in the March 2025 quarterly progress report provided in **Appendix B**.

4. Site Management Requirements of ICs and ECs

4.1 IC/EC REQUIREMENTS AND COMPLIANCE

A series of ICs/ECs is required by the Certificate of Completion to: (1) implement, maintain, and monitor EC systems; (2) prevent future exposure to remaining contamination; and (3) limit the use and development of the Site to restricted residential, commercial, and industrial uses only. Adherence to these ICs/ECs on the Site is required by the EE and was implemented under the SMP. ICs/ECs identified in the EE will not be discontinued without an amendment to or extinguishment of the EE and SMP with NYSDEC approval. These ICs/ECs are discussed below.

4.1.1 Institutional Controls

The EE includes a description of the key components of the ICs/ECs at the Site and is designed to protect public health and the environment by restricting the use of the property and requiring management of Site IC/ECs under the NYSDEC-approved SMP. The SMP details Site-specific implementation procedures required by the EE (**Appendix C**). ICs defined in the NYSDEC-approved SMP include the following:

- The property may be used for restricted residential, commercial, and industrial use;
- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the property is prohibited without the necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene (NYCDOHMH) to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from NYSDEC;
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to Site management must be reported at the frequency and in a manner as defined in the SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP;
- Access to the Site must be provided to agents, employees, or other representatives of the state of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the EE;
- The potential for SVI must be evaluated for any buildings developed in the area within the IC boundaries, and any potential impacts that are identified must be monitored or mitigated;
- Vegetable gardens and farming on the Site are prohibited; and

- An evaluation shall be performed to determine the need for further investigation and remediation should large-scale redevelopment occur, if any of the existing structures are demolished, or if the subsurface is otherwise made accessible.

During the Site inspection conducted on December 10, 2025, no deficiencies were observed. All ICs will remain in place to prevent exposure to contaminated soil vapor at the Site.

4.1.2 Engineering Controls

4.1.2.1 Sub-Slab Depressurization System

An active SSDS was installed to mitigate the potential for SVI by providing a pathway for soil vapor to vent to the atmosphere. The major components of the active SSDS include:

- One continuous perforated 4-inch polyvinyl chloride (PVC) horizontal pipe network with 13 termini, embedded within a permeable layer (3/4-inch stone) under the foundation slab;
- A cover system consisting of a continuous Stego® 20-mil vapor barrier and a variable thickness concrete slab;
- Six sub-slab vapor monitoring points (MPs) throughout the building slab; and
- A blower located in the basement equipped with an exhaust stack consisting of 4-inch-diameter cast iron riser pipe extending through the roof and terminating with a rain cap, at least 12 inches above the highest roof surface and at least 10 ft away from any adjacent building or at least 3 ft above any heating, ventilation, and air conditioning (HVAC) intakes. The blower is also used as part of the SVE system discussed below. The SSDS as-built is provided in **Figure 3,** and the piping and instrumentation diagram is provided in **Figure 4**.

No deficiencies were observed during the reporting period.

4.1.2.2 Soil Vapor Extraction System

A SVE system was installed in the northeastern portion of the Site to treat VOC contamination exceeding UUSCOs in the vadose zone soils between 20 ft and the groundwater table, located approximately 60 ft bgs. The soil vapor extracted by the SVE system undergoes treatment with granular activated carbon (GAC) before being discharged to the atmosphere through an exhaust stack consisting of 4-inch-diameter cast iron riser pipe extending through the roof and terminating with a rain cap, at least 12 inches above the highest roof surface and at least 10 ft away from any adjacent building or at least 3 ft above any HVAC intakes.

The SVE system is comprised of a total of nine SVE locations, with each SVE location containing two co-located SVE wells, for a total of 18 SVE wells. Among the 18 SVE wells, five SVE wells are screened from 20 to 30 ft bgs, four from 30 to 40 ft bgs, five from 40 to 50 ft bgs, and four from 50 to 60 ft bgs. Each SVE well is constructed with 1.5-inch-diameter, schedule 40 PVC pipes with a 10-ft screen. The SVE wells are installed under the concrete slab with a horizontal section that penetrates the concrete slab near the blower. The 1.5-inch-diameter wells have a dedicated sample port and valve prior to manifolding into a 4-inch header pipe. The header pipe is connected to the air-water separator, SVE/SSDS blower, GAC drums, and discharge stack. The piping and instrumentation diagram is provided in **Figure 4,** and the SVE system as-built is provided in **Figure 5**.

MPs are used to measure the SVE system influence. There are two MP locations, each with four co-located MPs, for a total of eight MPs, installed within the treatment area. The MPs consist of 12-inch stainless-steel screens, connected to the surface with Teflon™ tubing. These 12-inch-long MPs have been installed at the midpoint of each treatment interval (i.e., 25, 35, 45, and 55 ft bgs).

No deficiencies were observed during the reporting period.

5. Site Management Monitoring Requirements

5.1 COMPONENTS OF THE MONITORING PLAN

Monitoring requirements under the SMP include:

- Monthly SVE system monitoring;
- Quarterly SVE system vapor sampling;
- Quarterly groundwater sampling;
- Biannual SSDS monitoring;
- Annual Site inspection; and
- Annual SVI Evaluation sampling.

5.2 SUMMARY OF MONITORING

Monitoring was performed per the SMP dated September 24, 2024, during the reporting period, as described below.

5.2.1 SVE System Monitoring

In accordance with the SMP, routine inspections of the SVE system and monitoring of system readings were conducted on a monthly basis. SVE system components that were monitored include, but are not limited to, those listed in **In-Text Table 1** below.

In-Text Table 1: SVE System Monitoring Requirements and Schedule

Remedial System Component	Monitoring Parameter	Operating Range	Monitoring Schedule
SVE System	SVE-1S/D through SVE-9S/D	5 to 10 cfm each	Monthly
	SVE/SSDS Blower	120 to 160 cfm	Monthly
	GAC Drum 1 and 2	Not to exceed 10 psi	Monthly
	MP 1 and 2	Greater than 0.1 IWC	Monthly

Notes:
cfm = cubic feet per minute
IWC = inches of water column
psi = pounds per square inch

The following SVE system inspections were completed during the reporting period:

- February 20, 2025
- March 11, 2025
- April 7, 2025
- June 12, 2025
- July 10, 2025

- August 14, 2025
- September 26, 2025
- October 15, 2025
- November 3, 2025
- December 8, 2025
- January 28, 2026
- February 26, 2026
- March 18, 2026

Results are discussed in Section 6.2.

SVE inspection results and field forms were included in quarterly progress reports submitted to NYSDEC and are included in **Appendix B**.

5.2.2 SVE System Vapor Sampling

In accordance with the SMP, samples were collected from the SVE system on at least a quarterly basis and are listed in **In-Text Table 2** below.

In-Text Table 2: SVE System Sampling Requirements and Schedule

Sampling Location	Analytical Parameters	Schedule
	VOCs (USEPA Method TO-15)	
SVE/SSDS Combined Influent	X	Quarterly
SVE/SSDS Effluent (after treatment with two GAC vessels connected in series and before discharging)	X	Quarterly

Note:
USEPA = U.S. Environmental Protection Agency

The following SVE system sampling events were conducted during the reporting period:

- February 20, 2025
- June 12, 2025
- July 10, 2025
- August 14, 2025
- September 26, 2025
- October 15, 2025
- December 8, 2025
- February 26, 2026

Results are discussed in Section 6.3.

SVE system analytical results for each sampling event are provided in **Table I**. Analytical laboratory reports are provided as **Appendix D**. Data Usability Summary Reports (DUSRs) and Electronic Data Deliverable (EDD) confirmations are provided as **Appendix E**. Monitoring point locations associated with the SVE system are provided on **Figure 5**.

5.2.3 Groundwater Sampling

In accordance with the SMP, groundwater samples were collected from the three on-site groundwater monitoring wells on a quarterly basis. **In-Text Table 3** provides sampling locations required, analytical parameters, and schedule.

In-Text Table 3: Post-Remediation Groundwater Sampling Requirements and Schedule

Sampling Location	Analytical Parameters	Schedule
	VOCs (USEPA Method 8260B)	
MW-6, MW-7, and MW-8	X	Quarterly

Five quarterly rounds of groundwater sampling were completed during the reporting period:

- March 12, 2025
- May 1, 2025
- August 15, 2025
- December 11, 2025
- January 28, 2026

Results are discussed in Section 6.4.

Groundwater purge logs are provided in **Appendix F**. Groundwater analytical results for each sampling event are provided in **Table II** and **Figure 6**. Analytical laboratory reports are provided as **Appendix G**. DUSRs and EDD confirmations are provided as **Appendix E**. Groundwater results were included in quarterly progress reports submitted to NYSDEC and are included in **Appendix B**.

5.2.4 SSDS Monitoring

In accordance with the SMP, routine inspections of the SSDS and monitoring of system vacuum were conducted at least on a biannual basis at sub-slab monitoring points MP-1 through MP-6. **In-Text Table 4** provides sampling locations required, operating range, and schedule.

In-Text Table 4: SSDS Monitoring Requirements and Schedule

Remedial System Component	Monitoring Parameter	Operating Range	Monitoring Schedule
Active SSDS	Vacuum Monitoring Points	Greater than 0.004 IWC	Biannually
	SVE/SSDS Blower	120 to 160 cfm	Biannually

The following SSDS inspections were completed during the reporting period:

- April 7, 2025
- November 10, 2025
- January 28, 2026

Results are discussed in Section 6.5.

SSDS inspection results were included in quarterly progress reports submitted to NYSDEC and are included in **Appendix B**. Vacuum readings are provided in **Table III**. Monitoring point locations associated with the SSDS are provided on **Figure 3**.

5.2.5 Annual Site Inspection

In accordance with the SMP, Site-wide inspections were performed at a minimum of once per year on December 10, 2025. The periodic inspection was conducted when the ground surface was visible (i.e., no snow cover). The Site-wide inspection was performed by Omar Colon, a qualified person who directly reports to a Professional Engineer (P.E.) who is licensed and registered in New York State. A Site inspection form was completed, as provided in Appendix E of the SMP, which included sufficient information to assess the following:

- Compliance with all ICs, including Site usage;
- Conditions and continued effectiveness of ECs;
- General Site conditions at the time of the inspection;
- Site management activities being conducted, including, where appropriate, confirmation sampling and a health and safety inspection; and
- Whether Site records are up to date.

Results are discussed in Section 6.6.

5.2.6 Soil Vapor Intrusion Evaluation

In accordance with the SMP, an SVI Evaluation was conducted during the 2024/2025 heating season on March 13, 2025. **In-Text Table 5** provides sampling locations required, analytical parameters, and schedule.

In-Text Table 5: Post-Remediation SVI Evaluation Sampling Requirements and Schedule

Sampling Location	Analytical Parameters	Schedule
	VOCs (USEPA Method TO-15)	
MP-1 through MP-6, located in the garage	X	One sampling event, during heating season, upon completion of the Building Envelope
Six co-located Indoor Air Samples and one Ambient Air Sample	X	One sampling event, during heating season, upon completion of the Building Envelope

Results are discussed in Section 6.7.

6. Evaluate Remedy Performance, Effectiveness, and Protectiveness

The SMP describes the measures for evaluating the performance and effectiveness of the ICs/ECs. The Site management monitoring inspections completed during this reporting period are summarized in the following sections.

6.1 SVE SYSTEM COMMISSIONING

On July 18, 2024, Haley & Aldrich of New York conducted SVE system startup activities, which included operating the SVE/SSDS blower, verifying the integrity of piping connections, and balancing the SVE wells, SSDS network, and dilution air to treat soil contamination and depressurize the building slab. On July 19, 2024, Haley & Aldrich of New York returned to the Site to verify system operations. PID readings of the air stream after the carbon drums indicated that the carbon drums were spent. The system was shut down to prevent the discharge of untreated, VOC-impacted soil vapor.

On August 8, 2024, the SVE system was restarted with the SSDS network and select SVE wells open to depressurize the building slab and continue treating soil contamination while reducing the VOC mass loading to the activated carbon drums. Additionally, the effluent piping was rerouted to the bulkhead instead of the second-floor courtyard to mitigate the potential for nuisance odors to impact nearby receptors.

6.2 SVE SYSTEM MONITORING

Following the issuance of the Certificate of Completion on December 2, 2024, monthly monitoring of the SVE system started in February 2025 and was conducted in accordance with the NYSDEC-approved SMP dated September 2024.

Monthly monitoring activities included conducting inspections of the system, piping, piping connections, monitoring points, blower operation, and the high-water alarm for the air/water separator. Monitoring also included (i) collecting vacuum/pressure differential field measurements at the SVE MPs, (ii) air flow and PID readings from each SVE well and the combined influent/effluent air stream before and after the SSDS connection, (iii) hours of blower operation, and (iv) temperature and vacuum/pressure differential field measurements associated with the blower.

The SVE system was designed to treat four depth intervals: 20 to 30 ft bgs, 30 to 40 ft bgs, 40 to 50 ft bgs, and 50 to 60 ft bgs. To mitigate the potential to overload the carbon drums as observed during system commissioning, the SVE wells were opened in a tiered approach; the SVE system operated to treat one treatment interval at a time, starting with the shallowest interval until the interval showed low PID readings (i.e., typically PID readings under 50 parts per million [ppm]). Analytical samples were collected before and after opening different SVE wells to evaluate VOC concentrations before and after system modification. **In-Text Table 6** shows which SVE wells were operating during each analytical sample.

In-Text Table 6 – Summary of SVE Well Modifications			
Date	**Total Influent VOCs (µg/m³)**	**SVE Wells Open**	**Treatment Interval (ft bgs)**
2/20/2025	12,888	SVE-1S, 3S, 5S, 7S, 9S	20 to 30
6/12/2025	2,088	SVE-1S, 3S, 5S, 7S, 9S	20 to 30
7/10/2025	2,109	SVE-1S, 3S, 5S, 7S, 9S	20 to 30
7/10/2025	5,186	SVE-2S, 4S, 6S, 8S	30 to 40
8/14/2025	6,599	SVE-2S, 4S, 6S, 8S	30 to 40
9/26/2025	16,237	SVE-2S, 4S, 6S, 8S	30 to 40
9/26/2025	13,541	SVE-1S/D, 2S/D, 3S/D, 4S/D, 5S/D, 6S/D, 7S/D, 8S/D, 9S/D	20 to 60
10/15/2025	24,966	SVE-1S/D, 2S/D, 3S/D, 4S/D, 5S/D, 6S/D, 7S/D, 8S/D, 9S/D	20 to 60
10/15/2025	40,169	SVE-1S/D, 2S/D, 3S/D, 5S, 6S/D, 7D, 8S/D, 9S	20 to 60
12/8/2025	19,227	SVE-1S/D, 2S/D, 3S/D, 5S, 6S/D, 7D, 8S/D, 9S	20 to 60
1/28/2026	N/A	SVE-1S/D, 2S/D, 5S, 7D, 8S/D	20 to 60
2/26/2026	22,438	SVE-1S/D, 2S/D, 5S, 7D, 8S/D	20 to 60

Notes:
µg/m³= micrograms per cubic meter
N/A = no analytical sample collected

From February to September 2025, SVE wells were operated in a tiered approach. In September 2025, all SVE wells were open due to the low VOC concentrations observed in the shallow treatment intervals. In October 2025, to target SVE wells with high VOC concentrations, wells where PID readings were less than 50 ppm were closed. In January 2026, due to condensation accumulation, five SVE wells (i.e., SVE-3S/D, 6S/D, and 9S) were closed. SVE well flow rates, analytical data, and PID readings confirmed that the SVE system effectively removed VOC contamination from the subsurface.

SVE well flow rate and PID readings varied during the reporting period. In general, SVE well flow rates achieved the desired 5 to 10 cfm flow rate, and SVE monitoring points achieved at least 0.1 IWC vacuum, except for MP-2_25, MP-2_35, and MP-2_55, which never showed vacuum influence during SVE operation; these monitoring points are suspected to be damaged. Field observations are provided in the field forms submitted with each quarterly progress report, provided in **Appendix B**.

Since its startup in August 2024, the SVE system has removed approximately 99 pounds of Site COCs and approximately 147 pounds of total VOCs based on analytical data, or an average of approximately 0.25 pounds per day of total VOCs. Monthly mass removal data and calculations are provided in **Appendix H.** Mass removal using influent analytical data for Site COCs removed and total VOCs removed is provided as **Figure 7**.

6.3 SVE SYSTEM VAPOR SAMPLING

Soil vapor samples were collected from the SVE/SSDS combined influent and SVE/SSDS combined effluent after GAC treatment to evaluate remaining VOC concentrations in the subsurface and to understand when carbon drum swaps were needed to maintain GAC treatment. As outlined in the SMP, soil vapor samples were collected at least on a quarterly basis and were analyzed for VOCs via USEPA Method TO-15.

COCs in soil vapor were established in the NYSDEC-approved Remedial Investigation Report (RIR) and included benzene, ethylbenzene, toluene, xylenes, 2,2,4-trimethlpentane, cyclohexane, and heptane (Site COCs). Petroleum-related VOC influent concentrations show a fluctuating trend since February 2025 as a result of regular system optimization and confirm that the SVE system is effectively removing VOCs from the subsurface. Haley & Aldrich of New York recommends continuing to operate the SVE system. Influent Total BTEX concentrations are shown on **Figure 8**.

Influent sample analytical results were also evaluated to determine if carbon treatment of the SVE system emissions is required. High toxicity air contaminants (HTACs) and non-HTACs were compared to the allowable emission rates presented in 6 NYCRR Subpart 212-2.2 Table 2, current through February 15, 2022. The SVE system emission rates were below their respective allowable emission rates. As per 6 NYCRR Subpart 212-2, the SVE system emissions do not require treatment. Haley & Aldrich of New York recommends discontinuing carbon treatment of the SVE system emissions. An emission rate evaluation is provided in **Table IV**.

6.4 QUARTERLY GROUNDWATER SAMPLING AND RESULTS

In December 2023, three monitoring wells were installed by Haley & Aldrich of New York to monitor groundwater upgradient of the Site (MW-6), cross-gradient of the Site (MW-7), and downgradient of the Site (MW-8). As outlined in the SMP, Haley & Aldrich of New York conducted quarterly groundwater sampling, and the samples were analyzed for VOCs as directed by the NYSDEC.

Groundwater samples were collected using low-flow sampling techniques from the permanent monitoring wells. Prior to sampling each monitoring well, the water level was measured using an electronic water level meter, and the well was purged utilizing a low-flow submersible stainless-steel or a peristaltic pump with dedicated Teflon™ or Teflon™-lined polyethylene tubing connected to a transparent flow cell. Groundwater was purged using low pumping rates (between 100 and 500 milliliters per minute [mL/min]) to limit drawdown of the water level. Wells were purged until turbidity, pH, temperature, dissolved oxygen (DO), and specific conductivity stabilized. Field measurements were taken from the flow cell and recorded in the field logbook during and after purging and before sampling. Purging was performed with the pump intake placed about 5 ft above the bottom of the well screen to ensure that stagnant water in the well was removed, while not stirring up sediment that may have accumulated on the bottom of the well. After purging the wells, the samples were analyzed for VOCs.

In general, groundwater flows from northeast to southwest. A groundwater contour is provided as **Figure 9**.

6.4.1 Baseline Groundwater Conditions

After the completion of the Remedial Action but prior to the reporting period, groundwater samples were collected from MW-6 through MW-8 in March 2024, July 2024, and September 2024. The analytical results were compared to the AWQS and revealed one VOC (PCE), which is not related to on-site contamination, above its AWQS. In March 2024, PCE concentrations ranged from 8.2 micrograms per liter (µg/L) to 57 µg/L. In July 2024, concentrations ranged from 1.8 µg/L to 77 µg/L. In September 2024, concentrations ranged from 1.4 µg/L to 84 µg/L. During each sampling event, the highest PCE concentration was detected in the upgradient well (MW-6) and the lowest concentration in the downgradient well (MW-8).

6.4.2 March 2025

On March 12, 2025, the first quarterly groundwater sampling event was completed. The analytical results were compared to the AWQS and revealed one VOC (PCE) not related to on-site contamination in groundwater above the AWQS, which ranged from 1.7 to 59 µg/L.

During the March 2025 groundwater sampling event, DO concentrations ranged from 0 to 5.62 milligrams per liter (mg/L), and oxidation-reduction potential (ORP) measurements ranged from -33 to 162 millivolts (mV).

6.4.3 May 2025

On May 1, 2025, the second quarterly groundwater sampling event was completed. The analytical results were compared to the AWQS and revealed one VOC (PCE) not related to on-site contamination in groundwater above the AWQS, which ranged from 1.8 to 44 µg/L.

During the May 2025 groundwater sampling event, DO concentrations ranged from 2.85 to 4.62 mg/L, and ORP measurements ranged from 159 to 201 mV.

6.4.4 August 2025

On August 15, 2025, the third quarterly groundwater sampling event was completed. The analytical results were compared to the AWQS and revealed one VOC (PCE) not related to on-site contamination in groundwater above the AWQS, which ranged from 3.1 to 99 µg/L.

During the August 2025 groundwater sampling event, DO concentrations ranged from 2.77 to 4.86 mg/L, and ORP measurements ranged from 21 to 58 mV.

6.4.5 December 2025

On December 11, 2025, the fourth quarterly groundwater sampling event was completed. The analytical results were compared to the AWQS and revealed one VOC (PCE) not related to on-site contamination in groundwater above the AWQS, which ranged from 2.2 to 95 µg/L.

During the December 2025 groundwater sampling event, DO concentrations ranged from 2.10 to 3.70 mg/L, and ORP measurements ranged from 20 to 61 mV.

6.4.6 January 2026

On January 28, 2026, the fifth quarterly groundwater sampling event was completed. The analytical results were compared to the AWQS and revealed one VOC (PCE) not related to on-site contamination in groundwater above the AWQS, which ranged from 3.8 to 95 µg/L.

During the January 2026 groundwater sampling event, DO concentrations ranged from 0 to 1.76 mg/L, and ORP measurements ranged from 119 to 178 mV.

6.4.7 Conclusions

Analytical results and field readings indicate that since the Remedial Action, Site-related contaminants have been below their AWQS in groundwater. PCE, a contaminant not associated with on-site contamination, has been detected in the upgradient well (MW-6) and side gradient well (MW-7) above its AWQS continuously since March 2024. PCE was only detected above its AWQS in the downgradient well (MW-8) in March 2024. Additionally, PCE was not observed in soil or groundwater during the RI, except in MW-4 (similar location as MW-7) at a concentration of 18 µg/L. Haley & Aldrich of New York recommends discontinuing groundwater monitoring and decommissioning MW-6, MW-7, and MW-8.

6.5 BIANNUAL SSDS MONITORING RESULTS

On August 8, 2024, the SSDS pipe network was connected to the blower associated with the SVE system. Following the issuance of the Certificate of Completion on December 2, 2024, biannual monitoring of the SSDS began in April 2025 and was conducted in accordance with the NYSDEC-approved SMP dated September 2024. Vacuum readings collected during the reporting period indicated the SSDS was working as designed and was depressurizing the building slab. Monitoring data collected during the reporting period is provided in **Table III**.

On April 7, 2025, vacuum readings from the sub-slab MPs ranged from 0.0 to 0.0725 IWC. Vacuum readings were not obtained at MP-3 and MP-4 due to excessive moisture in the MPs. Vacuum readings were not recollected in April 2025; however, vacuum readings at MP-1, MP-2, MP-5, and MP-6 indicated that the SSDS was depressurizing the building slab.

On November 10, 2025, vacuum readings from the sub-slab MPs ranged from 0.005 IWC to 0.361 IWC and indicated the SSDS was depressurizing the building slab at all MPs.

On January 28, 2026, vacuum readings from the sub-slab MPs ranged from 0.006 IWC to 0.055 IWC and indicated the SSDS was depressurizing the building slab at all MPs.

6.6 SITE-WIDE INSPECTION

On December 10, 2025, a Site-wide inspection was conducted to evaluate the protectiveness of the remedy and document Site conditions. The Site is currently developed with a nine-story building with a full cellar level and finished rooftop level above the ninth floor. The cellar level is utilized as a parking garage, compactor room, electrical room, mechanical rooms, and bicycle storage. The first floor is occupied by a parking garage, bicycle parking, a residential lobby and lounge, a laundry room, a package room, and a residential unit. The second floor is occupied by residential units and an outdoor courtyard. The third through ninth floors are occupied by residential units.

Six soil vapor MPs and above-grade SSDS piping were observed on the cellar level and on the roof, respectively, and were observed to be intact during the time of the inspection.

A surficial crack in the northern portion of the garage was identified during the December 10, 2025, inspection. The crack did not extend through the entire slab and did not impact the vapor barrier. Haley & Aldrich of New York recommends repairing the crack during the next reporting period. No other holes, cracks, or other physical deficiencies associated with the building slab were identified during the Site-wide inspection.

A Site-wide inspection form and photo log are attached as **Appendix I**.

6.7 SOIL VAPOR INTRUSION EVALUATION

On March 13, 2025, Haley & Aldrich of New York personnel collected soil vapor samples from six sub-slab MPs installed below the existing concrete slab, along with six co-located indoor air samples. Additionally, one ambient air sample was collected from the outdoor parking lot behind the Site. Sample locations are shown in **Figure 3**. The samples were collected during normal operation of the building's HVAC system.

Prior to sample collection, Haley & Aldrich of New York conducted a building survey to note materials in the building that may contain VOCs and impact the indoor air samples. The chemical inventory did not reveal the storage of any chemicals in the garage space. It is noted that during this time, the garage was active and in use by visitors to the building, contractors, potential tenants, and Ownership. An SVI Evaluation was included in the Q1 2025 Quarterly Progress Report and is included in **Appendix B**.

6.7.1 March 2025 Sampling

Sub-slab soil vapor, indoor air, and ambient air samples were collected over a 24-hour period in certified, laboratory-supplied, 2.7-liter Summa canisters using 24-hour flow regulators. Prior to sampling, air was purged from the sub-slab MPs by attaching a tube to the MP, attaching the surface end of the tube to an air valve, and then to a vacuum pump. The sub-slab soil vapor samples were first screened for organic vapors using a PID. The indoor air canisters were placed at breathing height (3 to 5 ft above the floor). The flow rate for sampling did not exceed 0.2 liters per minute (L/min).

Samples were submitted to Eurofins, an NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory, and analyzed for VOCs via USEPA Method TO-15.

6.7.2 March 2025 Analytical Results

The analytical results of the sub-slab soil vapor, indoor air, and ambient air samples were compared to NYSDOH Soil Vapor/Indoor Air Decision Matrices A through F. A summary of the VOC results is listed below:

- 1,1-Dichloroethene (DCE):
  - 1,1-DCE was not detected above laboratory reporting limits in any of the sub-slab soil vapor samples, indoor air samples, or in the ambient air sample.
- Carbon tetrachloride:
  - In indoor air samples, carbon tetrachloride was detected in all six locations at concentrations ranging from 0.21 µg/m^3 in sample IA-06 to 0.42 µg/m^3 in sample IA-01.
  - In the sub-slab soil vapor samples, carbon tetrachloride was detected in all six locations at concentrations ranging from 0.32 µg/m^3 in sample MP-2 to 0.41 µg/m^3 in sample MP-5.
  - In the ambient air sample, carbon tetrachloride was detected at a concentration of 0.38 µg/m^3 in sample AA-01.
- Cis-1,2-DCE:
  - Cis-1,2-DCE was not detected above laboratory reporting limits in any of the sub-slab soil vapor samples, indoor air samples, or in the ambient air sample.

- Trichloroethene (TCE):
  - TCE was not detected above laboratory reporting limits in any of the sub-slab soil vapor samples, indoor air samples, or in the ambient air sample.
- 1,1,1-TCE:
  - 1,1,1-TCE was not detected above laboratory reporting limits in any of the sub-slab soil vapor samples, indoor air samples, or in the ambient air sample.
- PCE:
  - In indoor air samples, PCE was detected in all six locations at concentrations ranging from 0.18 µg/m^3 in samples IA-01, IA-04, IA-05, and IA-06 to 0.22 µg/m^3 in sample IA-02.
  - In sub-slab soil vapor samples, PCE was detected in five of the six locations at concentrations ranging from 0.15 µg/m^3 in sample MP-3 to 0.61 µg/m^3 in sample MP-4.
  - PCE was detected in the ambient air sample at a concentration of 0.17 µg/m^3.
- Methylene chloride:
  - In indoor air samples, methylene chloride was detected in five of the six locations at concentrations ranging from 0.65 µg/m^3 in samples IA-01 and IA-03 to 1.7 µg/m^3 in sample IA-02.
  - In sub-slab soil vapor samples, methylene chloride was detected in five of the six locations at concentrations ranging from 0.67 µg/m^3 in sample MP-5 to 1 µg/m^3 in sample MP-2.
  - Methylene chloride was detected in the ambient air sample at a concentration of 0.88 µg/m^3.
- Vinyl chloride:
  - Vinyl chloride was not detected above laboratory reporting limits in any of the sub-slab soil vapor samples, indoor air samples, or in the ambient air sample.
- Benzene:
  - In indoor air samples, benzene was detected in all six locations at concentrations ranging from 1.1 µg/m^3 in samples IA-01, IA-02, IA-04, and IA-05 to 1.3 µg/m^3 in sample IA-06.
  - In sub-slab soil vapor samples, benzene was detected in all six locations at concentrations ranging from 0.5 µg/m^3 in sample MP-3 to 13 µg/m^3 in sample MP-1.
  - Benzene was detected in the ambient air sample at a concentration of 0.59 µg/m^3.
- Ethylbenzene:
  - In indoor air samples, ethylbenzene was detected in two of the six locations at concentrations ranging from 0.3 µg/m^3 in sample IA-05 to 0.32 µg/m^3 in sample IA-02.
  - In sub-slab soil vapor samples, ethylbenzene was detected in all six locations at concentrations ranging from 0.39 µg/m^3 in sample MP-6 to 13 µg/m^3 in sample MP-1.
  - Ethylbenzene was not detected above laboratory reporting limits in the ambient air sample.
- Naphthalene:
  - In sub-slab soil vapor samples, naphthalene was detected in one of the six locations at a concentration of 5.1 µg/m^3 in sample MP-1.
  - Naphthalene was not detected above laboratory reporting limits in any of the indoor air samples or in the ambient air sample.

- Cyclohexane:
  - In indoor air samples, cyclohexane was detected in all six locations at concentrations ranging from 1.5 µg/m^3 in sample IA-05 to 2.5 µg/m^3 in sample IA-02.
  - In sub-slab soil vapor samples, cyclohexane was detected in all six locations at concentrations ranging from 0.61 µg/m^3 in sample MP-5 to 72 µg/m^3 in sample MP-2.
  - Cyclohexane was not detected above the laboratory reporting limit in the ambient air sample.
- 2,2,4-Trimethylpentane:
  - In indoor air samples, 2,2,4-Trimethylpentane was detected in all six locations at concentrations ranging from 2.5 µg/m^3 in sample IA-05 to 4.9 µg/m^3 in sample IA-06.
  - In sub-slab soil vapor samples, 2,2,4-Trimethylpentane was detected in all six locations at concentrations ranging from 0.96 µg/m^3 in sample MP-5 to 350 µg/m^3 in sample MP-2.
  - 2,2,4-Trimethylpentane was detected in the ambient air sample at a concentration of 0.44 µg/m^3.
- 1,2,4-Trimethylbenzene:
  - In indoor air samples, 1,2,4-Trimethylbenzene was detected in two of the six locations at concentrations ranging from 0.47 µg/m^3 in sample IA-06 to 0.57 µg/m^3 in sample IA-05.
  - In sub-slab soil vapor samples, 1,2,4-Trimethylbenzene was detected in all six locations at concentrations ranging from 0.61 µg/m^3 in sample MP-3 to 8.9 µg/m^3 in sample MP-1.
  - 1,2,4-Trimethylbenzene was not detected above laboratory limits in the ambient air sample.
- 1,3,5-Trimethylbenzene:
  - In sub-slab soil vapor samples, 1,3,5-Trimethylbenzene was detected in three of the six locations at concentrations ranging from 0.3 µg/m^3 in sample MP-5 to 2.7 µg/m^3 in sample MP-1.
  - 1,2,4-Trimethylbenzene was not detected above laboratory limits in any of the indoor air samples or in the ambient air sample.
- o-Xylene:
  - In indoor air samples, o-Xylene was detected in four of the six locations at concentrations ranging from 0.28 µg/m^3 in sample IA-04 to 0.38 µg/m^3 in sample IA-05.
  - In sub-slab soil vapor samples, o-Xylene was detected in all six locations at concentrations ranging from 0.57 µg/m^3 in sample MP-2 to 12 µg/m^3 in sample MP-4.
  - o-Xylene was not detected above laboratory reporting limits in the ambient air sample.
- m,p-Xylenes:
  - In indoor air samples, m,p-Xylenes were detected in five of the six locations at concentrations ranging from 0.74 µg/m^3 in sample IA-04 to 1.1 µg/m^3 in sample IA-06.
  - In sub-slab soil vapor samples, m,p-Xylenes were detected in all six locations at concentrations ranging from 1.3 µg/m^3 in sample MP-2 to 34 µg/m^3 in sample MP-4.
  - m,p-Xylenes were detected in the ambient air sample at a concentration of 0.49 µg/m^3.

- n-Heptane
  - In indoor air samples, n-Heptane was detected in all six locations at concentrations ranging from 0.66 µg/m^3 in sample IA-01 to 1.3 µg/m^3 in sample IA-02.
  - In sub-slab soil vapor samples, n-Heptane was detected in all six locations at concentrations ranging from 0.66 µg/m^3 in sample MP-5 to 35 µg/m^3 in sample MP-2.
  - n-Heptane was detected in the ambient air sample at a concentration of 0.49 µg/m^3.
- Hexane:
  - In indoor air samples, hexane was detected in all six locations at concentrations ranging from 17 µg/m^3 in samples IA-02 and IA-05 to 21 µg/m^3 in sample IA-06.
  - In indoor air samples, hexane was detected in all six locations at concentrations ranging from 4.1 µg/m^3 in sample MP-5 to 480 µg/m^3 in sample MP-2.
  - Hexane was detected in the ambient air sample at a concentration of 0.58 µg/m^3.
- Toluene:
  - In indoor air samples, toluene was detected in all six locations at concentrations ranging from 1 µg/m^3 in sample IA-01 to 8.9 µg/m^3 in sample IA-02.
  - In sub-slab soil vapor samples, toluene was detected in all six locations at concentrations ranging from 1.9 µg/m^3 in sample MP-6 to 3.3 µg/m^3 in sample MP-1.
  - Toluene was detected in the ambient air sample at a concentration of 0.97 µg/m^3.

A summary of the sub-slab, indoor, and outdoor ambient air analytical results is provided in **Table V**. The analytical laboratory package is provided in **Appendix J**. The DUSR and EDD submission confirmation are provided in **Appendix E**.

6.7.3 Conclusion

Site-related COCs identified during the RI included petroleum-related VOCs. Based on the results of the SVI sampling and comparison to the NYSDOH Soil Vapor/Indoor Air Decision Matrices, all results indicate that "No Further Action" is required, with the exception of (i) the IA-2/MP-2 co-located samples, which require "Monitor" based on the concentrations of cyclohexane (Matrix D), 2,2,4-trimethylpentane (Matrix D), and hexane (Matrix E), and (ii) the IA-06/MP-6 co-located samples, which require "Identify source(s) or Resample or Mitigate" based on the indoor air concentration of hexane (Matrix E). The lowest level of the building is currently used as a parking garage, which was in use during the SVI Evaluation. Hexane concentrations ranged from 17 to 21 µg/m^3 in indoor air throughout the garage space and ranged from 4.1 to 480 µg/m^3 in the soil vapor; the source of hexane is most likely vehicle exhaust from the garage space and not soil vapor.

The building has ECs, including an active SSDS and cover system consisting of a 20-mil vapor barrier and concrete slab, and the lowest level is currently only used as a parking garage (no residential occupancy) with enhanced ventilation based on the New York City Mechanical Code from November 2022. In consideration of the existing ECs, current use of the lowest floor as a garage, and that the indoor air concentrations identified during the SVI Evaluation are consistent with exhaust from vehicles, Haley & Aldrich of New York recommends that the SVI Evaluation be considered complete and that another SVI Evaluation be performed during heating season, only after the SVE system and SSDS have been turned off as part of shutdown testing.

7. Conclusions and Recommendations

All ICs/ECs and monitoring compliance requirements were met during the reporting period. The ICs and ECs are effectively protecting the public health and environment.

Monthly and quarterly monitoring of the SVE system indicated the system is working as designed. In general, SVE well flow rates achieved at least 5 to 10 cfm, and SVE monitoring points achieved at least 0.1 IWC. Additionally, BTEX VOC influent concentrations show a decreasing trend since February 2025 and confirm the SVE system is effectively removing VOCs from the subsurface. The SVE system removed a total of approximately 99 pounds of Site COCs and approximately 147 pounds of total VOCs based on analytical data. Influent sample analytical results were also evaluated to determine if carbon treatment of the SVE system emissions is required. The SVE system emission rates were below their respective allowable emission rates. As per 6 NYCRR Subpart 212-2, the SVE system emissions do not require treatment. Haley & Aldrich of New York recommends continuing to operate the SVE system without carbon treatment of the emissions.

Groundwater analytical results from March 2024 to January 2026 revealed that the Site-related contaminants have been below their AWQS in groundwater. PCE, a contaminant not associated with on-site contamination, has been detected in the upgradient well (MW-6) and side gradient well (MW-7) above its AWQS since March 2024. PCE was only detected above its AWQS in the downgradient well (MW-8) in March 2024. Additionally, PCE was not observed in soil or groundwater during the RI, except in MW-4 (similar location as MW-7) at a concentration of 1[illegible] µg/L. PCE concentrations detected in on-site groundwater are most likely from an off-site, upgradient source. With Site-related contaminants below their AWQS in groundwater from March 2024 through January 2026, Haley & Aldrich of New York recommends discontinuing groundwater monitoring and decommissioning MW-6, MW-7, and MW-8.

Biannual monitoring of the SSDS indicates the sub-slab is depressurized and the system is working as designed. Additionally, SVI Evaluation analytical results indicate that "No Further Action" is required regarding SVI, with the exception of hexane. Elevated concentrations within the indoor air sample IA-06 are most likely vehicle exhaust from the garage space and not soil vapor. Soil vapor is not a concern at this time.

In consideration of the existing ECs, Haley & Aldrich of New York recommends that the SSDS and SVE system continue to operate for an additional year. If the quarterly vapor samples associated with the SVE system indicate low, asymptotic influent VOC concentrations, Haley & Aldrich of New York will petition NYSDEC to shut down the SSDS and SVE system and perform an SVI evaluation at least 30 days after the shutdown. If the confirmation SVI Evaluation indicates "No Further Action," Haley & Aldrich of New York will petition NYSDEC to shut down the SVE system, deactivate the SSDS, and remove the EC/ICs from the Site.

References

1. Haley & Aldrich of New York, 2021a. Limited Phase II Environmental Site Investigation Report. November.

2. Haley & Aldrich of New York, 2021b. Phase I Environmental Site Assessment Report. October.

3. Haley & Aldrich of New York, 2022. Remedial Investigation Report. October 18.

4. Haley & Aldrich of New York, 2023. Remedial Action Work Plan. August 1.

5. Haley & Aldrich of New York, 2024. Site Management Plan. September 24.

6. New York State Department of Environmental Conservation, 2023. Decision Document. September 14.

7. New York State Department of Environmental Conservation, 6 NYCRR Part 375, Environmental Remediation Programs, December 14, 2006.

8. New York State Department of Environmental Conservation. DER-10: Technical Guidance for Site Investigation and Remediation. 2010.

9. New York State Department of Health, 2006. Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October (February 2024 addendum).

TABLES

TABLE I
QUARTERLY SVE SYSTEM ANALYTICAL RESULTS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

Location Name	SVE-INF	GAC-2-EFF	SVE-INF	SVE-EFF	SVE-INF	SVE-EFF	SVE-INF	SVE-EFF	SVE-INF	SSDS_INF	SVE-EFF	SVE-INF	SVE-EFF	SVE-INF
Sample Name	SVE-INF-20250220	GAC-2-EFF-20250220	SVE-INF_20250612	SVE-EFF_20250612	SVE-INF-01_20250710	VE-EFF-01_2025071	SVE-INF-02_20250710	SVE-EFF-02_20250710	SVE_INF_20250814	SSDS_INF_20250814	SVE_EFF_20250814	VE-INF-01_2025092	VE-EFF-01_2025092	VE-INF-02_2025092
Sample Date	02/20/2025	02/20/2025	06/12/2025	06/12/2025	07/10/2025	07/10/2025	07/10/2025	07/10/2025	08/14/2025	08/14/2025	08/14/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	L2509420-01	L2509420-02	L2536987-01	L2536987-02	L2543344-02	L2543344-01	L2543344-03	L2543344-04	200-78914-1	200-78914-3	200-78914-2	L2560983-01	L2560983-02	L2560983-03
Volatile Organic Compounds (µg/m3)														
1,1,1-Trichloroethane	ND (9.11)	ND (6.06)	ND (5.57)	ND (2.31)	ND (1.56)	ND (1.09)	ND (10.9)	ND (1.09)	ND (44)	ND (5.5)	ND (22)	ND (43.7)	ND (2.18)	ND (27.3)
1,1,2,2-Tetrachloroethane	ND (11.5)	ND (7.62)	ND (7)	ND (2.91)	ND (1.96)	ND (1.37)	ND (13.7)	ND (1.37)	ND (55)	ND (6.9)	ND (27)	ND (55)	ND (2.75)	ND (34.4)
1,1,2-Trichloroethane	ND (9.11)	ND (6.06)	ND (5.57)	ND (2.31)	ND (1.56)	ND (1.09)	ND (10.9)	ND (1.09)	ND (44)	ND (5.5)	ND (22)	ND (43.7)	ND (2.18)	ND (27.3)
1,1-Dichloroethane	ND (6.76)	ND (4.49)	ND (4.13)	ND (1.72)	ND (1.16)	ND (0.809)	ND (8.09)	ND (0.809)	ND (32)	ND (4)	ND (16)	ND (32.4)	ND (1.62)	ND (20.3)
1,1-Dichloroethene	ND (6.62)	ND (4.4)	ND (4.04)	ND (1.68)	ND (1.13)	ND (0.793)	ND (7.93)	ND (0.793)	ND (32)	ND (4)	ND (16)	ND (31.8)	ND (1.59)	ND (19.9)
1,2,4-Trichlorobenzene	ND (12.4)	ND (8.24)	ND (7.57)	ND (3.15)	ND (2.12)	ND (1.48)	ND (14.8)	ND (1.48)	ND (150)	ND (19)	ND (74)	ND (59.5)	ND (2.97)	ND (37.2)
1,2,4-Trimethylbenzene	521	ND (5.46)	138	ND (2.08)	94.9	ND (0.983)	84.6	ND (0.983)	66	71	50	ND (39.4)	5.8	51.6
1,2-Dibromoethane (Ethylene Dibromide)	ND (12.8)	ND (8.53)	ND (7.84)	ND (3.26)	ND (2.2)	ND (1.54)	ND (15.4)	ND (1.54)	ND (61)	ND (7.7)	ND (31)	ND (61.6)	ND (3.07)	ND (38.5)
1,2-Dichlorobenzene	ND (10)	ND (6.67)	ND (6.13)	ND (2.55)	ND (1.72)	ND (1.2)	ND (12)	ND (1.2)	ND (48)	ND (6)	ND (24)	ND (48.2)	ND (2.4)	ND (30.1)
1,2-Dichloroethane	ND (6.76)	ND (4.49)	ND (4.13)	ND (1.72)	ND (1.16)	ND (0.809)	ND (8.09)	ND (0.809)	ND (32)	ND (4)	ND (16)	ND (32.4)	ND (1.62)	ND (20.3)
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	25 J	14	7.1 J	-	-	-
1,2-Dichloropropane	ND (7.72)	ND (5.13)	ND (4.71)	ND (1.96)	ND (1.32)	ND (0.924)	ND (9.24)	ND (0.924)	ND (37)	3.4 J	ND (18)	ND (37)	ND (1.85)	ND (23.2)
1,2-Dichlorotetrafluoroethane (CFC 114)	ND (11.7)	ND (7.76)	ND (7.13)	ND (2.96)	ND (2)	ND (1.4)	ND (14)	ND (1.4)	ND (56)	ND (7)	ND (28)	ND (56)	ND (2.8)	ND (35)
1,3,5-Trimethylbenzene	274	ND (5.46)	90.5	ND (2.08)	80.1	ND (0.983)	179	ND (0.983)	210	180	120	ND (39.4)	13.6	209
1,3-Butadiene	ND (3.69)	ND (2.46)	ND (2.26)	ND (0.938)	ND (0.633)	ND (0.442)	ND (4.42)	ND (0.442)	ND (18)	ND (2.2)	ND (8.8)	ND (17.7)	ND (0.885)	ND (11.1)
1,3-Dichlorobenzene	ND (10)	ND (6.67)	ND (6.13)	ND (2.55)	ND (1.72)	ND (1.2)	ND (12)	ND (1.2)	ND (48)	ND (6)	ND (24)	ND (48.2)	ND (2.4)	ND (30.1)
1,4-Dichlorobenzene	ND (10)	ND (6.67)	ND (6.13)	ND (2.55)	ND (1.72)	ND (1.2)	ND (12)	ND (1.2)	ND (48)	ND (6)	ND (24)	ND (48.2)	ND (2.4)	ND (30.1)
1,4-Dioxane	ND (6.02)	ND (4)	ND (3.68)	ND (1.53)	ND (1.03)	ND (0.721)	ND (7.21)	ND (0.721)	ND (720)	ND (90)	ND (360)	ND (28.9)	ND (1.44)	ND (18.1)
2,2,4-Trimethylpentane (Isooctane)	2130	ND (5.18)	337	ND (1.98)	504	ND (0.934)	3440	ND (0.934)	4100	1300 J	630	14600	663	7800
2-Butanone (Methyl Ethyl Ketone)	ND (12.3)	ND (8.2)	ND (7.55)	3.33	9.2	1.64	25	1.48	26 J	9	ND (29)	ND (59)	6.16	ND (36.9)
2-Chlorotoluene	-	-	-	-	-	-	-	-	ND (41)	ND (5.2)	ND (21)	-	-	-
2-Hexanone (Methyl Butyl Ketone)	ND (6.84)	ND (4.55)	ND (4.18)	ND (1.74)	ND (1.17)	ND (0.82)	ND (8.2)	ND (0.82)	ND (82)	ND (10)	ND (41)	ND (32.8)	ND (1.64)	ND (20.5)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	216	ND (5.46)	59	ND (2.08)	24.7	ND (0.983)	28.6	ND (0.983)	64	56	37	ND (39.4)	3.66	45.7
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ND (17.1)	ND (11.4)	ND (10.5)	ND (4.34)	ND (2.93)	ND (2.05)	ND (20.5)	ND (2.05)	140	ND (10)	ND (41)	ND (82)	ND (4.1)	ND (51.2)
Acetone	ND (19.8)	ND (13.2)	ND (12.2)	21	ND (3.4)	29.2	ND (23.8)	34.2	270 J	36 J	ND (240)	ND (95.3)	181	ND (59.4)
Allyl chloride	ND (5.23)	ND (3.47)	ND (3.19)	ND (1.33)	ND (0.895)	ND (0.626)	ND (6.26)	ND (0.626)	ND (63)	ND (7.8)	ND (31)	ND (25.1)	ND (1.25)	ND (15.7)
Benzene	364	10.8	8.75	ND (1.35)	11.8	ND (0.639)	44.7	ND (0.639)	49	19	11 J	ND (25.6)	2.9	51.8
Benzyl Chloride (alpha-Chlorotoluene)	ND (8.65)	ND (5.75)	ND (5.28)	ND (2.2)	ND (1.48)	ND (1.04)	ND (10.4)	ND (1.04)	ND (41)	ND (5.2)	ND (21)	ND (41.5)	ND (2.07)	ND (25.9)
Bromodichloromethane	ND (11.2)	ND (7.44)	ND (6.83)	ND (2.84)	ND (1.92)	ND (1.34)	ND (13.4)	ND (1.34)	ND (54)	ND (6.7)	ND (27)	ND (53.7)	ND (2.68)	ND (33.6)
Bromoform	ND (17.3)	ND (11.5)	ND (10.5)	ND (4.38)	ND (2.96)	ND (2.07)	ND (20.7)	ND (2.07)	ND (83)	ND (10)	ND (41)	ND (82.8)	ND (4.14)	ND (51.8)
Bromomethane (Methyl Bromide)	ND (6.48)	ND (4.31)	ND (3.96)	ND (1.65)	ND (1.11)	ND (0.777)	ND (7.77)	ND (0.777)	ND (31)	ND (3.9)	ND (16)	ND (31.1)	ND (1.55)	ND (19.5)
Butane	-	-	-	-	-	-	-	-	70	20	1600	-	-	-
Carbon disulfide	ND (5.2)	ND (3.46)	ND (3.18)	ND (1.32)	ND (0.891)	ND (0.623)	ND (6.23)	ND (0.623)	120	ND (7.8)	ND (31)	ND (24.9)	ND (1.25)	ND (15.6)
Carbon tetrachloride	ND (10.5)	ND (6.98)	ND (6.42)	3.51	ND (1.8)	5.42	ND (12.6)	5.04	ND (50)	ND (6.3)	3.9 J	ND (50.4)	ND (2.52)	ND (31.5)
Chlorobenzene	ND (7.69)	ND (5.11)	ND (4.7)	ND (1.95)	ND (1.32)	ND (0.921)	ND (9.21)	ND (0.921)	ND (37)	1.7 J	ND (18)	ND (36.9)	ND (1.84)	ND (23.1)
Chlorodifluoromethane	-	-	-	-	-	-	-	-	ND (71)	ND (8.8)	ND (35)	-	-	-
Chloroethane	ND (4.41)	ND (2.93)	ND (2.69)	ND (1.12)	ND (0.755)	ND (0.528)	ND (5.28)	ND (0.528)	ND (53)	ND (6.6)	ND (26)	ND (21.1)	ND (1.06)	ND (13.2)
Chloroform (Trichloromethane)	ND (8.16)	ND (5.42)	6.64	ND (2.07)	7.81	ND (0.977)	ND (9.77)	ND (0.977)	15 J	8.4	ND (20)	ND (39.1)	ND (1.95)	ND (24.5)
Chloromethane (Methyl Chloride)	ND (3.45)	ND (2.29)	ND (2.11)	ND (0.876)	ND (0.591)	0.679	ND (4.13)	0.603	ND (41)	ND (5.2)	ND (21)	ND (16.5)	ND (0.826)	ND (10.3)
cis-1,2-Dichloroethene	ND (6.62)	ND (4.4)	ND (4.04)	ND (1.68)	ND (1.13)	ND (0.793)	ND (7.93)	ND (0.793)	ND (32)	ND (4)	ND (16)	ND (31.8)	ND (1.59)	ND (19.9)
cis-1,3-Dichloropropene	ND (7.58)	ND (5.04)	ND (4.63)	ND (1.92)	ND (1.3)	ND (0.908)	ND (9.08)	ND (0.908)	ND (36)	ND (4.5)	ND (18)	ND (36.4)	ND (1.82)	ND (22.7)
Cyclohexane	527	275	88.5	3.22	106	ND (0.688)	153	ND (0.688)	110	38	21	344	14.4	337
Cymene (p-Isopropyltoluene)	-	-	-	-	-	-	-	-	ND (44)	7	ND (22)	-	-	-
Dibromochloromethane	ND (14.2)	ND (9.46)	ND (8.69)	ND (3.61)	ND (2.44)	ND (1.7)	ND (17)	ND (1.7)	ND (68)	ND (8.5)	ND (34)	ND (68.2)	ND (3.41)	ND (42.7)
Dichlorodifluoromethane (CFC-12)	ND (8.26)	ND (5.49)	ND (5.04)	2.66	2.55	4.89	ND (9.89)	4.76	ND (99)	ND (12)	ND (49)	ND (39.6)	ND (1.98)	ND (24.8)
Ethanol	ND (78.6)	ND (52.4)	ND (48.2)	ND (20)	ND (13.5)	16.8	ND (94.2)	18.4	-	-	-	ND (377)	ND (18.8)	285
Ethyl acetate	ND (15)	ND (10)	ND (9.23)	ND (3.82)	ND (2.57)	ND (1.8)	ND (18)	ND (1.8)	-	-	-	ND (72.1)	ND (3.6)	ND (45)
Ethylbenzene	106	ND (4.82)	8.6	ND (1.84)	5.17	ND (0.869)	17	ND (0.869)	31 J	15	9.3 J	ND (34.8)	2.99	ND (21.8)
Hexachlorobutadiene	ND (17.8)	ND (11.8)	ND (10.9)	ND (4.52)	ND (3.05)	ND (2.13)	ND (21.3)	ND (2.13)	ND (85)	ND (11)	ND (43)	ND (85.4)	ND (4.27)	ND (53.4)
Hexane	2590	2010	656	48.3	691	26	213	22.8	120	35	19 J	525	55	1630
Isopropyl Alcohol (2-Propanol)	ND (20.5)	ND (13.7)	99.3	96.4	39.8	32	33.2	35.2	ND (490)	ND (61)	ND (250)	386	55.8	1420
Isopropylbenzene (Cumene)	-	-	-	-	-	-	-	-	ND (39)	4.4 J	ND (20)	-	-	-
m,p-Xylenes	2430	ND (9.64)	271	ND (3.69)	170	ND (1.74)	379	ND (1.74)	760	440	280	ND (69.5)	55.2	617
Methyl methacrylate	-	-	-	-	-	-	-	-	78 J	ND (10)	ND (41)	-	-	-
Methyl Tert Butyl Ether (MTBE)	ND (6.02)	ND (4)	ND (3.68)	ND (1.53)	ND (1.03)	ND (0.721)	ND (7.21)	ND (0.721)	ND (29)	ND (3.6)	ND (14)	ND (28.9)	ND (1.44)	ND (18.1)
Methylene chloride (Dichloromethane)	ND (14.5)	ND (9.66)	ND (8.89)	ND (3.68)	18.8	15.9	ND (17.4)	19.1	ND (69)	ND (8.7)	ND (35)	102	ND (3.47)	98.3

TABLE I
QUARTERLY SVE SYSTEM ANALYTICAL RESULTS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

Location Name	SVE-INF	GAC-2-EFF	SVE-INF	SVE-EFF	SVE-INF	SVE-EFF	SVE-INF	SVE-EFF	SVE-INF	SSDS_INF	SVE-EFF	SVE-INF	SVE-EFF	SVE-INF
Sample Name	SVE-INF-20250220	GAC-2-EFF-20250220	SVE-INF_20250612	SVE-EFF_20250612	SVE-INF-01_20250710	VE-EFF-01_2025071	SVE-INF-02_20250710	SVE-EFF-02_20250710	SVE_INF_20250814	SSDS_INF_20250814	SVE_EFF_20250814	VE-INF-01_2025092	VE-EFF-01_2025092	VE-INF-02_2025092
Sample Date	02/20/2025	02/20/2025	06/12/2025	06/12/2025	07/10/2025	07/10/2025	07/10/2025	07/10/2025	08/14/2025	08/14/2025	08/14/2025	09/26/2025	09/26/2025	09/26/2025
Lab Sample ID	L2509420-01	L2509420-02	L2536987-01	L2536987-02	L2543344-02	L2543344-01	L2543344-03	L2543344-04	200-78914-1	200-78914-3	200-78914-2	L2560983-01	L2560983-02	L2560983-03
Naphthalene	ND (8.28)	ND (5.56)	ND (5.1)	ND (2.11)	ND (1.42)	ND (0.996)	ND (9.96)	ND (0.996)	ND (100)	ND (13)	ND (52)	ND (39.9)	ND (1.99)	ND (25)
N-Heptane	1360	ND (4.55)	104	ND (1.74)	152	ND (0.82)	248	ND (0.82)	240	87	46	280	22.5	516
o-Xylene	1090	ND (4.82)	129	ND (1.84)	97.7	ND (0.869)	221	ND (0.869)	380	220	150	ND (34.8)	24	286
Styrene	ND (7.11)	ND (4.73)	ND (4.34)	ND (1.81)	ND (1.22)	ND (0.852)	ND (8.52)	ND (0.852)	ND (34)	ND (4.3)	ND (17)	ND (34.1)	3.27	ND (21.3)
Tert-Butyl Alcohol (tert-Butanol)	ND (12.6)	ND (8.43)	ND (7.76)	ND (3.21)	ND (2.16)	ND (1.52)	ND (15.2)	ND (1.52)	ND (610)	ND (76)	ND (300)	ND (60.6)	ND (3.03)	ND (37.9)
Tetrachloroethene	ND (11.3)	ND (7.53)	ND (6.92)	ND (2.88)	3.78	16	ND (13.6)	ND (1.36)	ND (54)	2.6 J	ND (27)	ND (54.3)	9.15	ND (34)
Tetrahydrofuran	ND (12.3)	ND (8.2)	53.7	ND (3.13)	49.5	ND (1.47)	58.1	ND (1.47)	ND (590)	ND (74)	ND (290)	ND (59)	47.8	95.3
Toluene	1280	ND (4.18)	37.6	ND (1.6)	34.7	1.16	61.8	ND (0.754)	170	84	51	ND (30.2)	7.99	98.7
trans-1,2-Dichloroethene	ND (6.62)	ND (4.4)	ND (4.04)	ND (1.68)	3.83	ND (0.793)	ND (7.93)	ND (0.793)	25 J	14	7 J	ND (31.8)	ND (1.59)	ND (19.9)
trans-1,3-Dichloropropene	ND (7.58)	ND (5.04)	ND (4.63)	ND (1.92)	ND (1.3)	ND (0.908)	ND (9.08)	ND (0.908)	ND (36)	ND (4.5)	ND (18)	ND (36.4)	ND (1.82)	ND (22.7)
Trichloroethene	ND (8.97)	ND (5.97)	ND (5.48)	ND (2.28)	ND (1.54)	ND (1.07)	ND (10.7)	ND (1.07)	ND (43)	0.86 J	ND (21)	ND (43)	ND (2.15)	ND (26.9)
Trichlorofluoromethane (CFC-11)	ND (9.38)	ND (6.24)	ND (5.73)	ND (2.38)	1.73	6.97	ND (11.2)	6.63	ND (45)	ND (5.6)	ND (22)	ND (45)	ND (2.25)	ND (28.2)
Trifluorotrichloroethane (Freon 113)	ND (12.8)	ND (8.51)	ND (7.82)	ND (3.25)	ND (2.19)	ND (1.53)	ND (15.3)	ND (1.53)	ND (61)	ND (7.7)	ND (31)	ND (61.4)	ND (3.07)	ND (38.4)
Vinyl Bromide (Bromoethene)	ND (7.3)	ND (4.85)	ND (4.46)	ND (1.85)	ND (1.25)	ND (0.874)	ND (8.74)	ND (0.874)	ND (35)	ND (4.4)	ND (17)	ND (35)	ND (1.75)	ND (21.9)
Vinyl chloride	ND (4.27)	ND (2.84)	ND (2.61)	ND (1.08)	ND (0.731)	ND (0.511)	ND (5.11)	ND (0.511)	ND (20)	ND (2.6)	ND (10)	ND (20.5)	ND (1.02)	ND (12.8)
Xylene (Total)	-	-	-	-	-	-	-	-	1200	660	430	-	-	-

ABBREVIATIONS AND NOTES:

µg/m3: micrograms per cubic meter

-: Not Analyzed
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
- For test methods used, see the laboratory data sheets.

TABLE I
QUARTERLY SVE SYSTEM ANALYTICAL RESULTS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

Location Name	SVE-EFF	SVE-INF	SVE-EFF	SVE-INF	SVE-EFF	SVE-INF	SVE-EFF	SVE-INF	SVE-EFF
Sample Name	SVE-EFF-02_20250926	SVE-INF-01_20251015	VE-EFF-01_2025101	SVE-INF-02_20251015	SVE-EFF-02_20251015	SVE-INF-20251208	SVE-EFF-20251208	SVE-INF-20260226	SVE-EFF-20260226
Sample Date	09/26/2025	10/15/2025	10/15/2025	10/15/2025	10/15/2025	12/08/2025	12/08/2025	02/26/2026	02/26/2026
Lab Sample ID	L2560983-04	L2565378-01	L2565378-02	L2565378-03	L2565378-04	L2577844-01	L2577844-02	L2610159-02	L2610159-01
Volatile Organic Compounds (µg/m3)									
1,1,1-Trichloroethane	ND (3.64)	ND (27.8)	ND (3.9)	ND (74.7)	ND (3.9)	ND (24.4)	ND (3.64)	ND (48)	ND (49)
1,1,2,2-Tetrachloroethane	ND (4.58)	ND (35)	ND (4.9)	ND (94.1)	ND (4.9)	ND (30.7)	ND (4.58)	ND (60.4)	ND (61.7)
1,1,2-Trichloroethane	ND (3.64)	ND (27.8)	ND (3.9)	ND (74.7)	ND (3.9)	ND (24.4)	ND (3.64)	ND (48)	ND (49)
1,1-Dichloroethane	ND (2.7)	ND (20.6)	ND (2.89)	ND (55.4)	ND (2.89)	ND (18.1)	ND (2.7)	ND (35.6)	ND (36.4)
1,1-Dichloroethene	ND (2.64)	ND (20.2)	ND (2.83)	ND (54.3)	ND (2.83)	ND (17.7)	ND (2.64)	ND (34.9)	ND (35.6)
1,2,4-Trichlorobenzene	ND (4.95)	ND (37.8)	ND (5.3)	ND (102)	ND (5.3)	ND (33.2)	ND (4.95)	ND (65.3)	ND (66.7)
1,2,4-Trimethylbenzene	21.4	25.3	103	ND (67.4)	99.8	163	160	590	ND (44.2)
1,2-Dibromoethane (Ethylene Dibromide)	ND (5.13)	ND (39.1)	ND (5.49)	ND (105)	ND (5.49)	ND (34.4)	ND (5.13)	ND (67.6)	ND (69.1)
1,2-Dichlorobenzene	ND (4.01)	ND (30.6)	ND (4.29)	ND (82.4)	ND (4.29)	ND (26.9)	ND (4.01)	ND (52.9)	ND (54.1)
1,2-Dichloroethane	ND (2.7)	ND (20.6)	ND (2.89)	ND (55.4)	ND (2.89)	ND (18.1)	ND (2.7)	ND (35.6)	ND (36.4)
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	ND (3.08)	ND (23.5)	ND (3.3)	ND (63.3)	ND (3.3)	ND (20.7)	3.54	ND (40.7)	ND (41.5)
1,2-Dichlorotetrafluoroethane (CFC 114)	ND (4.66)	ND (35.6)	ND (4.99)	ND (95.8)	ND (4.99)	ND (31.2)	ND (4.66)	ND (61.5)	ND (62.8)
1,3,5-Trimethylbenzene	93.9	101	270	162	224	161	133	343	ND (44.2)
1,3-Butadiene	ND (1.48)	ND (11.3)	ND (1.58)	ND (30.3)	ND (1.58)	ND (9.89)	ND (1.48)	ND (19.5)	ND (19.9)
1,3-Dichlorobenzene	ND (4.01)	ND (30.6)	ND (4.29)	ND (82.4)	ND (4.29)	ND (26.9)	ND (4.01)	ND (52.9)	ND (54.1)
1,4-Dichlorobenzene	ND (4.01)	ND (30.6)	ND (4.29)	ND (82.4)	ND (4.29)	ND (26.9)	ND (4.01)	ND (52.9)	ND (54.1)
1,4-Dioxane	ND (2.4)	ND (18.3)	ND (2.57)	ND (49.4)	ND (2.57)	ND (16.1)	ND (2.4)	ND (31.7)	ND (32.4)
2,2,4-Trimethylpentane (Isooctane)	986	8690	1010	21200	1500	5930	442	3570	7660
2-Butanone (Methyl Ethyl Ketone)	15	ND (37.5)	ND (5.25)	ND (101)	ND (5.25)	ND (33)	ND (4.93)	1490	ND (66.4)
2-Chlorotoluene	-	-	-	-	-	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)	ND (2.73)	ND (20.9)	ND (2.93)	ND (56.1)	ND (2.93)	ND (18.3)	ND (2.73)	ND (36.1)	ND (36.8)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	18.2	39.9	97.8	ND (67.4)	76.7	72.3	43.9	205	ND (44.2)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ND (6.84)	ND (52)	ND (7.29)	ND (140)	ND (7.29)	ND (45.9)	6.97	ND (90.2)	ND (92.2)
Acetone	397	ND (60.3)	ND (8.48)	ND (163)	ND (8.48)	ND (53)	46.8	ND (105)	ND (107)
Allyl chloride	ND (2.09)	ND (15.9)	ND (2.23)	ND (42.9)	ND (2.23)	ND (14)	ND (2.09)	ND (27.5)	ND (28.1)
Benzene	27.7	824	187	604	140	273	47.3	300	295
Benzyl Chloride (alpha-Chlorotoluene)	ND (3.45)	ND (26.4)	ND (3.7)	ND (70.9)	ND (3.7)	ND (23.1)	ND (3.45)	ND (45.6)	ND (46.5)
Bromodichloromethane	ND (4.47)	ND (34.1)	ND (4.78)	ND (91.8)	ND (4.78)	ND (29.9)	ND (4.47)	ND (59)	ND (60.2)
Bromoform	ND (6.9)	ND (52.6)	ND (7.38)	ND (142)	ND (7.38)	ND (46.2)	ND (6.9)	ND (91)	ND (93)
Bromomethane (Methyl Bromide)	ND (2.59)	ND (19.8)	ND (2.77)	ND (53.2)	ND (2.77)	ND (17.4)	ND (2.59)	ND (34.2)	ND (34.9)
Butane	-	-	-	-	-	-	-	-	-
Carbon disulfide	3.43	ND (15.9)	ND (2.22)	ND (42.7)	ND (2.22)	ND (13.9)	ND (2.08)	ND (27.4)	ND (28)
Carbon tetrachloride	ND (4.2)	ND (32)	ND (4.49)	ND (86.2)	ND (4.49)	ND (28.1)	ND (4.2)	ND (55.4)	ND (56.6)
Chlorobenzene	ND (3.07)	ND (23.4)	ND (3.29)	ND (63.1)	ND (3.29)	ND (20.6)	ND (3.07)	ND (40.5)	ND (41.4)
Chlorodifluoromethane	-	-	-	-	-	-	-	-	-
Chloroethane	ND (1.76)	ND (13.4)	ND (1.88)	ND (36.2)	ND (1.88)	ND (11.8)	ND (1.76)	ND (23.2)	ND (23.7)
Chloroform (Trichloromethane)	ND (3.26)	ND (24.9)	ND (3.49)	ND (66.9)	ND (3.49)	ND (21.8)	ND (3.26)	ND (43)	ND (43.9)
Chloromethane (Methyl Chloride)	ND (1.38)	ND (10.5)	ND (1.47)	ND (28.3)	ND (1.47)	ND (9.23)	ND (1.38)	ND (18.2)	ND (18.6)
cis-1,2-Dichloroethene	ND (2.64)	ND (20.2)	ND (2.83)	ND (54.3)	ND (2.83)	ND (17.7)	ND (2.64)	ND (34.9)	ND (35.6)
cis-1,3-Dichloropropene	ND (3.03)	ND (23.1)	ND (3.24)	ND (62.2)	ND (3.24)	ND (20.3)	ND (3.03)	ND (40)	ND (40.8)
Cyclohexane	46.1	1270	198	1860	179	1010	101	978	699
Cymene (p-Isopropyltoluene)	-	-	-	-	-	-	-	-	-
Dibromochloromethane	ND (5.68)	ND (43.4)	ND (6.08)	ND (117)	ND (6.08)	ND (38.1)	ND (5.68)	ND (75)	ND (76.6)
Dichlorodifluoromethane (CFC-12)	ND (3.3)	ND (25.2)	7.76	ND (67.7)	8.8	ND (22.1)	ND (3.3)	ND (43.5)	ND (44.5)
Ethanol	33.4	ND (239)	ND (33.5)	ND (644)	ND (33.5)	1430	123	ND (415)	ND (424)
Ethyl acetate	ND (6.02)	ND (45.8)	ND (6.41)	ND (123)	ND (6.41)	ND (40.4)	ND (6.02)	ND (79.3)	ND (81.1)
Ethylbenzene	5	124	69.9	74.7	62.5	92.5	41.7	517	ND (39)
Hexachlorobutadiene	ND (7.11)	ND (54.3)	ND (7.62)	ND (146)	ND (7.62)	ND (47.7)	ND (7.11)	ND (93.9)	ND (95.9)
Hexane	208	4790	761	8810	652	5600	465	5710	4620
Isopropyl Alcohol (2-Propanol)	251	76.9	42	246	75.5	128	137	ND (108)	ND (111)
Isopropylbenzene (Cumene)	-	-	-	-	-	-	-	-	-
m,p-Xylenes	174	2770	1970	1590	1520	1070	621	2700	ND (78.2)
Methyl methacrylate	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether (MTBE)	ND (2.4)	ND (18.4)	ND (2.57)	ND (49.4)	ND (2.57)	ND (16.1)	ND (2.4)	ND (31.7)	ND (32.4)
Methylene chloride (Dichloromethane)	203	ND (44.1)	8.37	ND (119)	ND (6.18)	ND (38.9)	ND (5.8)	ND (76.4)	ND (78.2)

TABLE I
QUARTERLY SVE SYSTEM ANALYTICAL RESULTS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

Location Name	SVE-EFF	SVE-INF	SVE-EFF	SVE-INF	SVE-EFF	SVE-INF	SVE-EFF	SVE-INF	SVE-EFF
Sample Name	SVE-EFF-02_20250926	SVE-INF-01_20251015	VE-EFF-01_2025101	SVE-INF-02_20251015	SVE-EFF-02_20251015	SVE-INF-20251208	SVE-EFF-20251208	SVE-INF-20260226	SVE-EFF-20260226
Sample Date	09/26/2025	10/15/2025	10/15/2025	10/15/2025	10/15/2025	12/08/2025	12/08/2025	02/26/2026	02/26/2026
Lab Sample ID	L2560983-04	L2565378-01	L2565378-02	L2565378-03	L2565378-04	L2577844-01	L2577844-02	L2610159-02	L2610159-01
Naphthalene	ND (3.32)	ND (25.3)	ND (3.55)	ND (68.2)	ND (3.55)	ND (22.2)	ND (3.32)	ND (43.8)	ND (44.8)
N-Heptane	86.9	3400	611	3660	561	2020	410	3300	4590
o-Xylene	88.6	1030	921	652	686	425	264	973	ND (39)
Styrene	4.68	ND (21.7)	3.6	ND (58.3)	3.5	ND (19)	ND (2.84)	ND (37.5)	ND (38.3)
Tert-Butyl Alcohol (tert-Butanol)	ND (5.06)	ND (38.5)	ND (5.4)	ND (104)	ND (5.4)	ND (34) J	ND (5.06) J	ND (66.7)	ND (68.2)
Tetrachloroethene	11.3	35	12.7	ND (92.9)	19.5	68.5	9.29	122	888
Tetrahydrofuran	73.4	ND (37.5)	7.67	ND (101)	6.05	ND (33)	ND (4.93)	ND (64.9)	ND (66.4)
Toluene	25.1	1790	565	1310	577	784	242	1640	1410
trans-1,2-Dichloroethene	ND (2.64)	ND (20.2)	ND (2.83)	ND (54.3)	ND (2.83)	ND (17.7)	ND (2.64)	ND (34.9)	ND (35.6)
trans-1,3-Dichloropropene	ND (3.03)	ND (23.1)	ND (3.24)	ND (62.2)	ND (3.24)	ND (20.3)	ND (3.03)	ND (40)	ND (40.8)
Trichloroethene	ND (3.58)	ND (27.4)	ND (3.84)	ND (73.6)	ND (3.84)	ND (24)	ND (3.58)	ND (47.3)	ND (48.3)
Trichlorofluoromethane (CFC-11)	ND (3.75)	ND (28.6)	ND (4.01)	ND (77)	ND (4.01)	ND (25.1)	ND (3.75)	ND (49.5)	ND (50.5)
Trifluorotrichloroethane (Freon 113)	ND (5.11)	ND (39)	ND (5.47)	ND (105)	ND (5.47)	ND (34.3)	ND (5.11)	ND (67.4)	ND (68.9)
Vinyl Bromide (Bromoethene)	ND (2.92)	ND (22.3)	ND (3.12)	ND (59.9)	ND (3.12)	ND (19.5)	ND (2.92)	ND (38.5)	ND (39.3)
Vinyl chloride	ND (1.71)	ND (13)	ND (1.83)	ND (35)	ND (1.83)	ND (11.4)	ND (1.71)	ND (22.5)	ND (23)
Xylene (Total)	-	-	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:

µg/m3: micrograms per cubic meter

-: Not Analyzed
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
- For test methods used, see the laboratory data sheets.

TABLE II
QUARTERLY GROUNDWATER ANALYTICAL RESULTS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

Location Name	Criteria	MW-06	MW-06	MW-06	MW-06	MW-06	MW-06	MW-06	MW-06	MW-06	MW-06	MW-06	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07
Sample Name	New York TOGS 111 Ambient Water Quality Standards	MW-06_20240314	DUP-01_20240314	MW-6_20240719	MW-06_20240910	DUP-01_20240910	MW-06_03122025	MW-06_20250501	MW-6_20250815	DUP-01_20250815	MW-6_20251211	MW-6_20260128	MW-07_20240314	MW-7_20240719	DUP-01_20240719	MW-07_20240910	MW-07_03122025	DUP-01_03122025	Dup-01_20250501
Sample Date		03/14/2024	03/14/2024	07/19/2024	09/10/2024	09/10/2024	03/12/2025	05/01/2025	08/15/2025	08/15/2025	12/11/2025	01/28/2026	03/14/2024	07/19/2024	07/19/2024	09/10/2024	03/12/2025	03/12/2025	05/01/2025
Lab Sample ID		460-300167-1	460-300167-6	460-308013-3	460-311225-1	460-311225-4	460-322068-3	460-325502-1	460-332933-1	460-332933-2	460-341362-2	460-344099-3	460-300167-2	460-308013-2	460-308013-4	460-311225-2	460-322068-2	460-322068-4	460-325502-4
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.2)	ND (0.2)	ND (0.2)
1,1,2-Trichloroethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.58)	0.21 J	ND (0.58)
1,1-Dichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2,3-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trimethylbenzene	5	2.3	2.7	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	0.6	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.3)	ND (0.3)	ND (0.3)
1,2-Dichloropropane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.92)	ND (0.92)	ND (0.92)
1,3,5-Trimethylbenzene	5	1	1.1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone (Methyl Butyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Phenylbutane (sec-Butylbenzene)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	50	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.45)	ND (0.45)	ND (0.45)
Bromodichloromethane	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.98)	ND (0.98)	ND (0.98)
Bromoform	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Carbon disulfide	60	ND (1)	ND (1)	ND (1)	ND (1)	1.8	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobromomethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	7	0.54 J	0.55 J	0.79 J	0.86 J	0.83 J	1.1	0.66 J	0.78 J	0.79 J	0.65 J	0.63 J	0.87 J	0.75 J	0.73 J	0.74 J	0.82 J	0.72 J	0.53 J
Chloromethane (Methyl Chloride)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	5	0.45 J	0.35 J	0.27 J	0.28 J	0.3 J	0.54 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.23 J	ND (1)	ND (1)	ND (1)
cis-1,3-Dichloropropene	0.4	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.45)	ND (0.45)	ND (0.45)
Cyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.78)	ND (0.78)	ND (0.78)
Dichlorodifluoromethane (CFC-12)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
m,p-Xylenes	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	NA	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl Tert Butyl Ether (MTBE)	10	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.28 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.82 J	ND (1)	ND (1)	0.22 J	0.39 J	0.39 J	ND (1)
Methylcyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride (Dichloromethane)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
n-Butylbenzene	5	0.57 J	0.82 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
n-Propylbenzene	5	0.52 J	0.56 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
o-Xylene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
tert-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	5	**52**	**57**	**77**	**84**	**83**	**59**	**42 J**	**67**	**66**	**76**	**95**	**26**	**46**	**42**	**42**	**45**	**44**	**44**
Toluene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	0.4	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.45)	ND (0.45)	ND (0.45)
Trichloroethene	5	0.88 J	0.93 J	0.64 J	0.86 J	0.76 J	0.74	0.38	0.53	0.52	0.45	0.61	ND (1)	0.39 J	0.42 J	0.32 J	0.53	0.72	0.46
Trichlorofluoromethane (CFC-11)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	2	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Xylene (Total)	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)

ABBREVIATIONS AND NOTES:

µg/L: micrograms per liter
-: Not Analyzed
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
- For test methods used, see the laboratory data sheets.
- Water analytical results are compared to the New York TOGS 111 Ambient Water Quality Standards.
*- **Bold** indicates an exceedance of AWQS criteria.*

TABLE II
QUARTERLY GROUNDWATER ANALYTICAL RESULTS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

Location Name	Criteria	MW-07	MW-07	MW-07	MW-07	MW-07	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08
Sample Name	New York TOGS 111 Ambient Water Quality Standards	MW-07_20250501	MW-7_20250815	MW-7_20251211	MW-7_20260128	DUP-01_20260128	MW-08_20240314	MW-8_20240719	MW-08_20240910	MW-08_03122025	MW-08_20250501	MW-8_20250815	MW-8_20251211	DUP-1_20251211	MW-8_20260128
Sample Date		05/01/2025	08/15/2025	12/11/2025	01/28/2026	01/28/2026	03/14/2024	07/19/2024	09/10/2024	03/12/2025	05/01/2025	08/15/2025	12/11/2025	12/11/2025	01/28/2026
Lab Sample ID		460-325502-2	460-332933-3	460-341362-1	460-344099-2	460-344099-4	460-300167-3	460-308013-1	460-311225-3	460-322068-1	460-325502-3	460-332933-4	460-341362-3	460-341362-4	460-344099-1
Volatile Organic Compounds (ug/L)															
1,1,1-Trichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	5	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (1)	ND (1)	ND (1)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
1,1,2-Trichloroethane	1	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND (1)	ND (1)	ND (1)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)
1,1-Dichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2,3-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	0.6	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)	ND (1)	ND (1)	ND (1)	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
1,2-Dichloropropane	1	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (1)	ND (1)	ND (1)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
1,3,5-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone (Methyl Butyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5) J	ND (5) J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) J
2-Phenylbutane (sec-Butylbenzene)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	50	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzene	1	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (1)	ND (1)	ND (1)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Bromodichloromethane	50	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)	ND (1)	ND (1)	ND (1)	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)
Bromoform	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Carbon disulfide	60	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobromomethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	7	0.52 J	0.96 J	0.77 J	0.74 J	0.69 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloromethane (Methyl Chloride)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,3-Dichloropropene	0.4	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (1)	ND (1)	ND (1)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Cyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	50	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (1)	ND (1)	ND (1)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)
Dichlorodifluoromethane (CFC-12)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
m,p-Xylenes	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	NA	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl Tert Butyl Ether (MTBE)	10	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylcyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride (Dichloromethane)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
n-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
n-Propylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
o-Xylene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
tert-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	5	**44**	**99 J**	**95 J**	**91 J**	**87**	**8.2**	1.8	1.4	1.7	1.8	3.1	2.4	2.2	3.8
Toluene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	0.4	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (1)	ND (1)	ND (1)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Trichloroethene	5	0.5	0.69	0.61	0.63	0.66	ND (1)	ND (1)	ND (1)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
Trichlorofluoromethane (CFC-11)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	2	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Xylene (Total)	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)

ABBREVIATIONS AND NOTES:

µg/L: micrograms per liter
-: Not Analyzed
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
- For test methods used, see the laboratory data sheets.
- Water analytical results are compared to the New York TOGS 111 Ambient Water Quality Standards.
*- **Bold** indicates an exceedance of AWQS criteria.*

TABLE III
BIANNUAL SSDS VACUUM READINGS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

Monitoring Point	Date	Vacuum (IWC)
MP-1	4/7/2025	0.0017
	11/10/2025	0.298
	1/28/2026	0.033
MP-2	4/7/2025	0.0655
	11/10/2025	0.259
	1/28/2026	0.023
MP-3	4/7/2025	-
	11/10/2025	0.361
	1/28/2026	0.006
MP-4	4/7/2025	-
	11/10/2025	0.005
	1/28/2026	0.055
MP-5	4/7/2025	0.0725
	11/10/2025	0.219
	1/28/2026	0.055
MP-6	4/7/2025	0.0004
	11/10/2025	0.261
	1/28/2026	0.045

Notes:
IWC - inches of water column
"-" indicates no vacuum observed

TABLE IV
SVE SYSTEM VOC EMISSION RATES
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Sample Date	High Toxicity Air Contaminant	Concentration (µg/m^3)	Concentration (lb/m^3)	Flow Rate (cfm)	Emission Rate (lb/year)	Allowable Emission Rate (lb/year)
2/20/2025	Benzene	364	8.02E-07	85	1.02	*100*
6/12/2025	Benzene	8.75	1.93E-08	210	0.06	*100*
7/10/2025	Benzene	11.8	2.60E-08	170	0.07	*100*
7/10/2025	Tetrachloroethene	3.78	8.33E-09	170	0.02	*1,000*
7/10/2025	Benzene	44.7	9.85E-08	190	0.28	*100*
8/14/2025	Benzene	49	1.08E-07	200	0.32	*100*
9/26/2025	Benzene	51.8	1.14E-07	230	0.39	*100*
10/15/2025	Benzene	824	1.81E-06	250	6.76	*100*
10/15/2025	Tetrachloroethene	35	7.71E-08	250	0.29	*1,000*
10/15/2025	Benzene	604	1.33E-06	120	2.38	*100*
12/8/2025	Benzene	273	6.01E-07	280	2.51	*100*
12/8/2025	Tetrachloroethene	68.5	1.51E-07	280	0.63	*1,000*
2/26/2026	Benzene	300	6.61E-07	220	2.17	*100*
2/26/2026	Tetrachloroethene	122	2.69E-07	220	0.88	*1,000*

TABLE IV
SVE SYSTEM VOC EMISSION RATES
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Sample Date	Non-HTACs	Concentration (µg/m^3)	Concentration (lb/m^3)	Flow Rate (cfm)	Emission Rate (lb/hour)	Allowable Emission Rate (lb/hour)
2/20/2025	n-Hexane	2,590		85	-	-
	Cyclohexane	527				
	2,2,4-Trimethylpentane	2,130				
	Heptane	1,360				
	Toluene	1,280				
	Ethylbenzene	106				
	p/m-Xylene	2,430				
	o-Xylene	1,090				
	4-Ethyltoluene	216				
	1,3,5-Trimethylbenzene	274				
	1,2,4-Trimethylbenzene	521				
	Total Non-HTAC VOCs	**12,524**	2.76E-05		0.0040	*0.5*
6/12/2025	Isopropanol	99		210	-	-
	Chloroform	7				
	Tetrahydrofuran	54				
	n-Hexane	656				
	Cyclohexane	89				
	2,2,4-Trimethylpentane	337				
	Heptane	104				
	Toluene	38				
	Ethylbenzene	9				
	p/m-Xylene	271				
	o-Xylene	129				
	4-Ethyltoluene	59				
	1,3,5-Trimethylbenzene	91				
	1,2,4-Trimethylbenzene	138				
	Total Non-HTAC VOCs	**2,079**	4.58E-06		0.0016	*0.5*
7/10/2025	Dichlorodifluoromethane	3		170	-	-
	Trichlorofluoromethane	2				
	Isopropanol	40				
	Methylene chloride	19				
	trans-1,2-Dichloroethene	4				
	2-Butanone	9				
	Chloroform	8				
	Tetrahydrofuran	50				
	n-Hexane	691				
	Cyclohexane	106				
	2,2,4-Trimethylpentane	504				
	Heptane	152				
	Toluene	35				
	Ethylbenzene	5				
	p/m-Xylene	170				
	o-Xylene	98				
	4-Ethyltoluene	25				
	1,3,5-Trimethylbenzene	80				
	1,2,4-Trimethylbenzene	95				
	Total Non-HTAC VOCs	**2,093**	4.61E-06		0.0013	*0.5*

TABLE IV
SVE SYSTEM VOC EMISSION RATES
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Sample Date	Non-HTACs	Concentration (µg/m^3)	Concentration (lb/m^3)	Flow Rate (cfm)	Emission Rate (lb/hour)	Allowable Emission Rate (lb/hour)
7/10/2025	Isopropanol	33		170	-	-
	2-Butanone	25				
	Tetrahydrofuran	58				
	n-Hexane	213				
	Cyclohexane	153				
	2,2,4-Trimethylpentane	3,440				
	Heptane	248				
	Toluene	62				
	Ethylbenzene	17				
	p/m-Xylene	379				
	o-Xylene	221				
	4-Ethyltoluene	29				
	1,3,5-Trimethylbenzene	179				
	1,2,4-Trimethylbenzene	85				
	Total Non-HTAC VOCs	**5,141**	1.13E-05		0.0033	*0.5*
8/14/2025	1,2,4-Trimethylbenzene	66		200	-	-
	1,2-Dichloroethene	25				
	1,3,5-Trimethylbenzene	210				
	2,2,4-Trimethylpentane	4100				
	4-Ethyltoluene	64				
	Acetone	270				
	Carbon disulfide	120				
	Chloroform	15				
	Cyclohexane	110				
	Ethylbenzene	31				
	Methyl Ethyl Ketone	26				
	methyl isobutyl ketone	140				
	Methyl methacrylate	78				
	n-Butane	70				
	n-Heptane	240				
	n-Hexane	120				
	Toluene	170				
	trans-1,2-Dichloroethene	25				
	Xylene (total)	1200				
	Total Non-HTAC VOCs	**7,080**	1.56E-05		0.0053	*0.5*
9/26/2025	Isopropanol	386		230	-	-
	Methylene chloride	102				
	n-Hexane	525				
	Cyclohexane	344				
	2,2,4-Trimethylpentane	14,600				
	Heptane	280				
	Total Non-HTAC VOCs	**16,237**	3.58E-05		0.0140	*0.5*

TABLE IV
SVE SYSTEM VOC EMISSION RATES
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Sample Date	Non-HTACs	Concentration (µg/m^3)	Concentration (lb/m^3)	Flow Rate (cfm)	Emission Rate (lb/hour)	Allowable Emission Rate (lb/hour)
9/26/2025	Ethanol	285		230	-	-
	Isopropanol	1,420				
	Methylene chloride	98				
	Tetrahydrofuran	95				
	n-Hexane	1,630				
	Cyclohexane	337				
	2,2,4-Trimethylpentane	7,800				
	Heptane	516				
	Toluene	99				
	p/m-Xylene	617				
	o-Xylene	286				
	4-Ethyltoluene	46				
	1,3,5-Trimethylbenzene	209				
	1,2,4-Trimethylbenzene	52				
	Total Non-HTAC VOCs	**13,490**	2.97E-05		0.0116	*0.5*
10/15/2025	Isopropanol	77		250	-	-
	n-Hexane	4,790				
	Cyclohexane	1,270				
	2,2,4-Trimethylpentane	8,690				
	Heptane	3,400				
	Toluene	1,790				
	Ethylbenzene	124				
	p/m-Xylene	2,770				
	o-Xylene	1,030				
	4-Ethyltoluene	40				
	1,3,5-Trimethylbenzene	101				
	1,2,4-Trimethylbenzene	25				
	Total Non-HTAC VOCs	**24,107**	5.31E-05		0.0226	*0.5*
10/15/2025	Isopropanol	246		250	-	-
	n-Hexane	8,810				
	Cyclohexane	1,860				
	2,2,4-Trimethylpentane	21,200				
	Heptane	3,660				
	Toluene	1,310				
	Ethylbenzene	75				
	p/m-Xylene	1,590				
	o-Xylene	652				
	1,3,5-Trimethylbenzene	162				
	Total Non-HTAC VOCs	**39,565**	8.71E-05		0.0370	*0.5*

TABLE IV
SVE SYSTEM VOC EMISSION RATES
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Sample Date	Non-HTACs	Concentration (µg/m^3)	Concentration (lb/m^3)	Flow Rate (cfm)	Emission Rate (lb/hour)	Allowable Emission Rate (lb/hour)
12/8/2025	Ethanol	1,430		280		
	Isopropanol	128				
	n-Hexane	5,600				
	Cyclohexane	1,010				
	2,2,4-Trimethylpentane	5,930				
	Heptane	2,020				
	Toluene	784				
	Ethylbenzene	93				
	p/m-Xylene	1,070				
	o-Xylene	425				
	4-Ethyltoluene	72				
	1,3,5-Trimethylbenzene	161				
	1,2,4-Trimethylbenzene	163				
	Total Non-HTAC VOCs	**18,886**	4.16E-05		0.0198	*0.5*
2/26/2026	2-Butanone	1,490		220	-	-
	n-Hexane	5,710				
	Cyclohexane	978				
	2,2,4-Trimethylpentane	3,570				
	Heptane	3,300				
	Toluene	1,640				
	Ethylbenzene	517				
	p/m-Xylene	2,700				
	o-Xylene	973				
	4-Ethyltoluene	205				
	1,3,5-Trimethylbenzene	343				
	1,2,4-Trimethylbenzene	590				
	Total Non-HTAC VOCs	**22,016**	4.85E-05		0.0181	*0.5*

Notes:

ug/m^3 - micrograms per cubic meter
cfm - cubic feet per minute
lb - pound
VOC - volatile organic compound
HTAC - High Toxicity Air Contaminant

1. Only contaminants with detectable concentrations are shown
2. Allowable Emission Rates are from the New York Codes, Rules and Regulations Part 212-2.1 Table 2 dated February 15, 2022
3. If Allowable Emission Rates are exceeded, then treatment of the emission is required.

Conversion to lb/year: Concentration (ug/m^3) x flow ft^3/min x m^3/(3.28 ft)^3 x 1 g/1,000,000 ug x lb/454 g x 60 min/hr x 24 hr/day x 365 days/year = lb/year
Conversion to lb/hr: Concentration (ug/m^3) x flow ft^3/min x m^3/(3.28 ft)^3 x 1 g/1,000,000 ug x lb/454 g x 60 min/hr = lb/hr

TABLE V
SOIL VAPOR INTRUSION EVALUATION RESULTS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

Precharacterization Grid	Criteria									
Location Name	New York DOH Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			New York DOH Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			AA-01	IA-01	MP-1	IA-02
Sample Name							AA-01_20250312	IA-01_20250312	MP-1_20250312	IA-02_20250312
Sample Date							03/13/2025	03/13/2025	03/13/2025	03/13/2025
Lab Sample ID							200-77312-13	200-77312-7	200-77312-1	200-77312-8
Soil Description	**Range 1**	**Range 2**	**Range 3**	**Range 1**	**Range 2**	**Range 3**	Ambient Air	Indoor Air	Soil Gas	Indoor Air
Matrix A										
1,1-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Carbon tetrachloride	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	0.38	0.42	**0.39**	0.33
cis-1,2-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Trichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Matrix B										
1,1,1-Trichloroethane	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
Tetrachloroethene	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	0.17 J	**0.18 J**	**0.21 J**	**0.22 J**
Methylene chloride (Dichloromethane)	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	0.88 J	**0.65 J**	**0.76 J**	**1.7**
Matrix C										
Vinyl chloride	< 0.2	NA	> 0.2	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Matrix D										
Benzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	0.59 J	**1.1**	**13**	**1.1**
Ethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (0.87)	ND (0.87)	**13**	**0.32 J**
Naphthalene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (2)	ND (2)	**5.1**	ND (2)
Cyclohexane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (0.69)	**1.6**	**2**	2.5
2,2,4-Trimethylpentane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	0.44 J	2.6	**6.3**	2.8
1,2,4-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (0.98)	ND (0.98)	**8.9**	ND (0.98)
1,3,5-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (0.98)	ND (0.98)	**2.7**	ND (0.98)
o-Xylene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (0.87)	ND (0.87)	**6.3**	**0.33 J**
Matrix E										
m,p-Xylenes	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	0.49 J	ND (2.2)	**15**	**0.98 J**
N-Heptane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	0.49 J	**0.66 J**	**1.3**	**1.3**
Hexane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	0.58 J	19	**12**	17
Matrix F										
Toluene	< 10	10 - 50	> 50	< 300	300 - 3000	> 3000	0.97	**1**	**3.3**	**8.9**
Volatile Organic Compounds (µg/m3)										
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)	ND (0.81)	ND (0.81)	ND (0.81)
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	ND (3.7)	ND (3.7)	ND (3.7)	ND (3.7)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	NA	NA	NA	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)	ND (0.81)	ND (0.81)	ND (0.81)
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	ND (0.92)	ND (0.92)	ND (0.92)	0.98
1,2-Dichlorotetrafluoroethane (CFC 114)	NA	NA	NA	NA	NA	NA	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
1,3-Butadiene	NA	NA	NA	NA	NA	NA	0.12 J	0.11 J	ND (0.44)	ND (0.44)
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,4-Dioxane	NA	NA	NA	NA	NA	NA	ND (18)	0.47 J	ND (18)	ND (18)
2-Butanone (Methyl Ethyl Ketone)	NA	NA	NA	NA	NA	NA	ND (1.5)	ND (1.5)	ND (1.5)	1.4 J
2-Chlorotoluene	NA	NA	NA	NA	NA	NA	ND (1)	ND (1)	ND (1)	ND (1)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2)	ND (2)
2-Phenylbutane (sec-Butylbenzene)	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	NA	NA	NA	NA	ND (0.98)	ND (0.98)	2.2	ND (0.98)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	NA	NA	NA	NA	NA	NA	7.2 J	13	16	18
Allyl chloride	NA	NA	NA	NA	NA	NA	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
Benzyl Chloride (alpha-Chlorotoluene)	NA	NA	NA	NA	NA	NA	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	NA	NA	NA	NA	NA	NA	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
Bromoform	NA	NA	NA	NA	NA	NA	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)
Bromomethane (Methyl Bromide)	NA	NA	NA	NA	NA	NA	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)
Butane	NA	NA	NA	NA	NA	NA	3.7	19	10	20
Carbon disulfide	NA	NA	NA	NA	NA	NA	ND (1.6)	1 J	ND (1.6)	ND (1.6)
Chlorobenzene	NA	NA	NA	NA	NA	NA	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	2.6	1.2 J	2.9	1.3 J
Chloroethane	NA	NA	NA	NA	NA	NA	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
Chloroform (Trichloromethane)	NA	NA	NA	NA	NA	NA	ND (0.98)	0.2 J	0.26 J	0.22 J
Chloromethane (Methyl Chloride)	NA	NA	NA	NA	NA	NA	1.5	1.4	0.41 J	1.5
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)	ND (0.91)	ND (0.91)	ND (0.91)
Cymene (p-Isopropyltoluene)	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	1.4	ND (1.1)
Dibromochloromethane	NA	NA	NA	NA	NA	NA	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	NA	NA	NA	2.2 J	2.2 J	2.1 J	2.2 J
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)
Isopropyl Alcohol (2-Propanol)	NA	NA	NA	NA	NA	NA	ND (12)	5.7 J	11 J	7.1 J
Isopropylbenzene (Cumene)	NA	NA	NA	NA	NA	NA	ND (0.98)	ND (0.98)	3.7	ND (0.98)
Methyl methacrylate	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2)	ND (2)
Methyl Tert Butyl Ether (MTBE)	NA	NA	NA	NA	NA	NA	ND (0.72)	ND (0.72)	ND (0.72)	ND (0.72)
n-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
n-Propylbenzene	NA	NA	NA	NA	NA	NA	ND (0.98)	ND (0.98)	1.9	ND (0.98)
Styrene	NA	NA	NA	NA	NA	NA	ND (0.85)	ND (0.85)	ND (0.85)	ND (0.85)
Tert-Butyl Alcohol (tert-Butanol)	NA	NA	NA	NA	NA	NA	ND (15)	ND (15)	ND (15)	ND (15)
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
Tetrahydrofuran	NA	NA	NA	NA	NA	NA	ND (15)	ND (15)	14 J	ND (15)
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	1	ND (0.79)	ND (0.79)	ND (0.79)
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)	ND (0.91)	ND (0.91)	ND (0.91)
Trichlorofluoromethane (CFC-11)	NA	NA	NA	NA	NA	NA	1.1	1.2	1 J	1.1
Trifluorotrichloroethane (Freon 113)	NA	NA	NA	NA	NA	NA	0.48 J	0.48 J	0.44 J	0.48 J
Vinyl Bromide (Bromoethene)	NA	NA	NA	NA	NA	NA	ND (0.87)	ND (0.87)	ND (0.87)	ND (0.87)

ABBREVIATIONS AND NOTES:

µg/m ^{3} : micrograms per cubic meter

J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
*- **Bold** text indicates detected concentration is in the Low range.*
- Blue highlighted text indicates detected concentration is in the Medium range.
- Orange highlighted text indicates a detected concentration is in the High range.

TABLE V
SOIL VAPOR INTRUSION EVALUATION RESULTS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

Precharacterization Grid	Criteria									
Location Name	New York DOH Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			New York DOH Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			MP-2	IA-03	MP-3	IA-04
Sample Name							MP-2_20250312	IA-03_20250312	MP-3_20250312	IA-04_20250312
Sample Date							03/13/2025	03/13/2025	03/13/2025	03/13/2025
Lab Sample ID							200-77312-2	200-77312-9	200-77312-3	200-77312-10
Soil Description	**Range 1**	**Range 2**	**Range 3**	**Range 1**	**Range 2**	**Range 3**	Soil Gas	Indoor Air	Soil Gas	Indoor Air
Matrix A										
1,1-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Carbon tetrachloride	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	**0.32**	0.41	**0.37**	0.38
cis-1,2-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Trichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Matrix B										
1,1,1-Trichloroethane	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
Tetrachloroethene	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**0.24 J**	**0.19 J**	**0.15 J**	**0.18 J**
Methylene chloride (Dichloromethane)	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**1 J**	**0.65 J**	ND (1.7)	**0.68 J**
Matrix C										
Vinyl chloride	< 0.2	NA	> 0.2	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Matrix D										
Benzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**2**	**1.2**	**0.5 J**	**1.1**
Ethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**0.72 J**	ND (0.87)	**0.53 J**	ND (0.87)
Naphthalene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (2)	ND (2)	ND (2)	ND (2)
Cyclohexane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	72	**1.7**	**0.77**	**1.6**
2,2,4-Trimethylpentane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	350	2.8	**1.9**	2.7
1,2,4-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**0.78 J**	ND (0.98)	**0.61 J**	ND (0.98)
1,3,5-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)
o-Xylene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**0.57 J**	ND (0.87)	**0.68 J**	**0.28 J**
Matrix E										
m,p-Xylenes	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**1.3 J**	**0.77 J**	**1.8 J**	**0.74 J**
N-Heptane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**35**	**1.2**	**0.69 J**	**0.73 J**
Hexane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	480	20	**5.6**	19
Matrix F										
Toluene	< 10	10 - 50	> 50	< 300	300 - 3000	> 3000	**2.2**	**1.3**	**2.1**	**1.3**
Volatile Organic Compounds (µg/m3)										
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)	ND (0.81)	ND (0.81)	ND (0.81)
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	ND (3.7)	ND (3.7)	ND (3.7)	ND (3.7)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	NA	NA	NA	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)	ND (0.81)	ND (0.81)	ND (0.81)
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
1,2-Dichlorotetrafluoroethane (CFC 114)	NA	NA	NA	NA	NA	NA	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
1,3-Butadiene	NA	NA	NA	NA	NA	NA	ND (0.44)	0.13 J	ND (0.44)	0.12 J
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,4-Dioxane	NA	NA	NA	NA	NA	NA	1.2 J	0.61 J	0.32 J	ND (18)
2-Butanone (Methyl Ethyl Ketone)	NA	NA	NA	NA	NA	NA	ND (1.5)	1.6	ND (1.5)	ND (1.5)
2-Chlorotoluene	NA	NA	NA	NA	NA	NA	ND (1)	ND (1)	ND (1)	ND (1)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2)	ND (2)
2-Phenylbutane (sec-Butylbenzene)	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	NA	NA	NA	NA	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	NA	NA	NA	NA	NA	NA	ND (12)	20	11 J	13
Allyl chloride	NA	NA	NA	NA	NA	NA	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
Benzyl Chloride (alpha-Chlorotoluene)	NA	NA	NA	NA	NA	NA	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	NA	NA	NA	NA	NA	NA	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
Bromoform	NA	NA	NA	NA	NA	NA	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)
Bromomethane (Methyl Bromide)	NA	NA	NA	NA	NA	NA	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)
Butane	NA	NA	NA	NA	NA	NA	500	20	3.2	20
Carbon disulfide	NA	NA	NA	NA	NA	NA	0.5 J	0.74 J	0.95 J	0.48 J
Chlorobenzene	NA	NA	NA	NA	NA	NA	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	1.7 J	1.2 J	1.1 J	1.2 J
Chloroethane	NA	NA	NA	NA	NA	NA	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
Chloroform (Trichloromethane)	NA	NA	NA	NA	NA	NA	ND (0.98)	ND (0.98)	0.3 J	0.23 J
Chloromethane (Methyl Chloride)	NA	NA	NA	NA	NA	NA	0.78 J	1.4	0.34 J	1.5
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)	ND (0.91)	ND (0.91)	ND (0.91)
Cymene (p-Isopropyltoluene)	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
Dibromochloromethane	NA	NA	NA	NA	NA	NA	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	NA	NA	NA	2.1 J	2.2 J	2 J	2.1 J
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)
Isopropyl Alcohol (2-Propanol)	NA	NA	NA	NA	NA	NA	ND (12)	5.5 J	ND (12)	6.6 J
Isopropylbenzene (Cumene)	NA	NA	NA	NA	NA	NA	0.22 J	ND (0.98)	ND (0.98)	ND (0.98)
Methyl methacrylate	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2)	ND (2)
Methyl Tert Butyl Ether (MTBE)	NA	NA	NA	NA	NA	NA	ND (0.72)	ND (0.72)	ND (0.72)	ND (0.72)
n-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
n-Propylbenzene	NA	NA	NA	NA	NA	NA	0.44 J	ND (0.98)	ND (0.98)	ND (0.98)
Styrene	NA	NA	NA	NA	NA	NA	ND (0.85)	ND (0.85)	ND (0.85)	ND (0.85)
Tert-Butyl Alcohol (tert-Butanol)	NA	NA	NA	NA	NA	NA	ND (15)	ND (15)	ND (15)	ND (15)
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
Tetrahydrofuran	NA	NA	NA	NA	NA	NA	ND (15)	ND (15)	ND (15)	ND (15)
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	ND (0.79)	0.19 J	ND (0.79)	ND (0.79)
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)	ND (0.91)	ND (0.91)	ND (0.91)
Trichlorofluoromethane (CFC-11)	NA	NA	NA	NA	NA	NA	1 J	1.1	1 J	1.1
Trifluorotrichloroethane (Freon 113)	NA	NA	NA	NA	NA	NA	0.45 J	0.48 J	0.47 J	0.47 J
Vinyl Bromide (Bromoethene)	NA	NA	NA	NA	NA	NA	ND (0.87)	ND (0.87)	ND (0.87)	ND (0.87)

ABBREVIATIONS AND NOTES:

µg/m ^{3} : micrograms per cubic meter

J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
*- **Bold** text indicates detected concentration is in the Low range.*
- Blue highlighted text indicates detected concentration is in the Medium range.
- Orange highlighted text indicates a detected concentration is in the High range.

TABLE V
SOIL VAPOR INTRUSION EVALUATION RESULTS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

Precharacterization Grid	Criteria									
Location Name	New York DOH Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			New York DOH Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			MP-4	IA-05	MP-5	IA-06
Sample Name							MP-4_20250312	IA-05_20250312	MP-5_20250312	IA-06_20250312
Sample Date							03/13/2025	03/13/2025	03/13/2025	03/13/2025
Lab Sample ID							200-77312-4	200-77312-11	200-77312-5	200-77312-12
Soil Description	**Range 1**	**Range 2**	**Range 3**	**Range 1**	**Range 2**	**Range 3**	Soil Gas	Indoor Air	Soil Gas	Indoor Air
Matrix A										
1,1-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2) J	ND (0.2)
Carbon tetrachloride	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	**0.39**	0.38	**0.41 J**	0.21 J
cis-1,2-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2) J	ND (0.2)
Trichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2) J	ND (0.2)
Matrix B										
1,1,1-Trichloroethane	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	ND (1.1)	ND (1.1)	ND (1.1) J	ND (1.1)
Tetrachloroethene	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**0.61 J**	**0.18 J**	ND (1.4) J	**0.18 J**
Methylene chloride (Dichloromethane)	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**0.9 J**	**0.68 J**	**0.67 J**	ND (1.7)
Matrix C										
Vinyl chloride	< 0.2	NA	> 0.2	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2) J	ND (0.2)
Matrix D										
Benzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**0.98**	**1.1**	**0.74 J**	**1.3**
Ethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**4.5**	**0.3 J**	**0.58 J**	ND (0.87)
Naphthalene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (2)	ND (2)	ND (2) J	ND (2)
Cyclohexane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**1.7**	**1.5**	**0.61 J**	2.1
2,2,4-Trimethylpentane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**3.7**	2.5	**0.96 J**	4.9
1,2,4-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**4.5**	**0.57 J**	**1.3 J**	**0.47 J**
1,3,5-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**1.7**	ND (0.98)	**0.3 J**	ND (0.98)
o-Xylene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**12**	**0.38 J**	**1 J**	**0.37 J**
Matrix E										
m,p-Xylenes	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**34**	**0.85 J**	**2.5 J**	**1.1 J**
N-Heptane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**0.87**	**0.67 J**	**0.66 J**	**1.1**
Hexane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**16**	17	**4.1 J**	21
Matrix F										
Toluene	< 10	10 - 50	> 50	< 300	300 - 3000	> 3000	**2.7**	**1.3**	**2.4 J**	**1.6**
Volatile Organic Compounds (µg/m3)										
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	ND (1.4)	ND (1.4)	ND (1.4) J	ND (1.4)
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1) J	ND (1.1)
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)	ND (0.81)	ND (0.81) J	ND (0.81)
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	ND (3.7)	ND (3.7)	ND (3.7) J	ND (3.7)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	NA	NA	NA	ND (1.5)	ND (1.5)	ND (1.5) J	ND (1.5)
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2) J	ND (1.2)
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)	ND (0.81)	ND (0.81) J	ND (0.81)
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	ND (0.92)	ND (0.92)	ND (0.92) J	ND (0.92)
1,2-Dichlorotetrafluoroethane (CFC 114)	NA	NA	NA	NA	NA	NA	ND (1.4)	ND (1.4)	ND (1.4) J	ND (1.4)
1,3-Butadiene	NA	NA	NA	NA	NA	NA	ND (0.44)	0.1 J	ND (0.44) J	0.13 J
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2) J	ND (1.2)
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2) J	ND (1.2)
1,4-Dioxane	NA	NA	NA	NA	NA	NA	ND (18)	ND (18)	ND (18) J	ND (18)
2-Butanone (Methyl Ethyl Ketone)	NA	NA	NA	NA	NA	NA	ND (1.5)	ND (1.5)	ND (1.5) J	2
2-Chlorotoluene	NA	NA	NA	NA	NA	NA	ND (1)	ND (1)	ND (1) J	ND (1)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2) J	ND (2)
2-Phenylbutane (sec-Butylbenzene)	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1) J	ND (1.1)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	NA	NA	NA	NA	1.1	ND (0.98)	ND (0.98) J	ND (0.98)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2) J	ND (2)
Acetone	NA	NA	NA	NA	NA	NA	17	11 J	11 J	20
Allyl chloride	NA	NA	NA	NA	NA	NA	ND (1.6)	ND (1.6)	ND (1.6) J	ND (1.6)
Benzyl Chloride (alpha-Chlorotoluene)	NA	NA	NA	NA	NA	NA	ND (1)	ND (1)	ND (1) J	ND (1)
Bromodichloromethane	NA	NA	NA	NA	NA	NA	ND (1.3)	ND (1.3)	ND (1.3) J	ND (1.3)
Bromoform	NA	NA	NA	NA	NA	NA	ND (2.1)	ND (2.1)	ND (2.1) J	ND (2.1)
Bromomethane (Methyl Bromide)	NA	NA	NA	NA	NA	NA	ND (0.78)	ND (0.78)	ND (0.78) J	ND (0.78)
Butane	NA	NA	NA	NA	NA	NA	17	19	4.3 J	22
Carbon disulfide	NA	NA	NA	NA	NA	NA	0.44 J	ND (1.6)	ND (1.6) J	ND (1.6)
Chlorobenzene	NA	NA	NA	NA	NA	NA	ND (0.92)	ND (0.92)	ND (0.92) J	ND (0.92)
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	6.9	1.2 J	ND (1.8) J	1.2 J
Chloroethane	NA	NA	NA	NA	NA	NA	ND (1.3)	ND (1.3)	ND (1.3) J	ND (1.3)
Chloroform (Trichloromethane)	NA	NA	NA	NA	NA	NA	0.27 J	0.2 J	ND (0.98) J	0.23 J
Chloromethane (Methyl Chloride)	NA	NA	NA	NA	NA	NA	1.3	1.5	0.77 J	1.6
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)	ND (0.91)	ND (0.91) J	ND (0.91)
Cymene (p-Isopropyltoluene)	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1) J	ND (1.1)
Dibromochloromethane	NA	NA	NA	NA	NA	NA	ND (1.7)	ND (1.7)	ND (1.7) J	ND (1.7)
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	NA	NA	NA	2.3 J	2.2 J	2.1 J	2.2 J
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	ND (2.1)	ND (2.1)	ND (2.1) J	ND (2.1)
Isopropyl Alcohol (2-Propanol)	NA	NA	NA	NA	NA	NA	5.9 J	5.6 J	8.7 J	7.2 J
Isopropylbenzene (Cumene)	NA	NA	NA	NA	NA	NA	0.45 J	ND (0.98)	ND (0.98) J	ND (0.98)
Methyl methacrylate	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2) J	ND (2)
Methyl Tert Butyl Ether (MTBE)	NA	NA	NA	NA	NA	NA	ND (0.72)	ND (0.72)	ND (0.72) J	ND (0.72)
n-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1) J	ND (1.1)
n-Propylbenzene	NA	NA	NA	NA	NA	NA	0.67 J	ND (0.98)	ND (0.98) J	ND (0.98)
Styrene	NA	NA	NA	NA	NA	NA	ND (0.85)	ND (0.85)	ND (0.85) J	ND (0.85)
Tert-Butyl Alcohol (tert-Butanol)	NA	NA	NA	NA	NA	NA	ND (15)	ND (15)	ND (15) J	ND (15)
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1) J	ND (1.1)
Tetrahydrofuran	NA	NA	NA	NA	NA	NA	ND (15)	ND (15)	12 J	ND (15)
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	ND (0.79)	ND (0.79)	0.72 J	ND (0.79)
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)	ND (0.91)	ND (0.91) J	ND (0.91)
Trichlorofluoromethane (CFC-11)	NA	NA	NA	NA	NA	NA	1.1	1.1	1 J	1.1
Trifluorotrichloroethane (Freon 113)	NA	NA	NA	NA	NA	NA	0.44 J	0.47 J	0.45 J	0.47 J
Vinyl Bromide (Bromoethene)	NA	NA	NA	NA	NA	NA	ND (0.87)	ND (0.87)	ND (0.87) J	ND (0.87)

ABBREVIATIONS AND NOTES:

µg/m ^{3} : micrograms per cubic meter

J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
*- **Bold** text indicates detected concentration is in the Low range.*
- Blue highlighted text indicates detected concentration is in the Medium range.
- Orange highlighted text indicates a detected concentration is in the High range.

TABLE V
SOIL VAPOR INTRUSION EVALUATION RESULTS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

Precharacterization Grid	Criteria						
Location Name	New York DOH Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			New York DOH Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			MP-6
Sample Name							MP-6_20250312
Sample Date							03/13/2025
Lab Sample ID							200-77312-6
Soil Description	**Range 1**	**Range 2**	**Range 3**	**Range 1**	**Range 2**	**Range 3**	Soil Gas
Matrix A							
1,1-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)
Carbon tetrachloride	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	**0.39**
cis-1,2-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)
Trichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)
Matrix B							
1,1,1-Trichloroethane	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	ND (1.1)
Tetrachloroethene	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**0.56 J**
Methylene chloride (Dichloromethane)	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**0.99 J**
Matrix C							
Vinyl chloride	< 0.2	NA	> 0.2	< 6	6 - 60	> 60	ND (0.2)
Matrix D							
Benzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**1.1**
Ethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**0.39 J**
Naphthalene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (2)
Cyclohexane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**1.9**
2,2,4-Trimethylpentane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**4.5**
1,2,4-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**0.67 J**
1,3,5-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (0.98)
o-Xylene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**0.61 J**
Matrix E							
m,p-Xylenes	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**1.6 J**
N-Heptane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**0.96**
Hexane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**17**
Matrix F							
Toluene	< 10	10 - 50	> 50	< 300	300 - 3000	> 3000	**1.9**
Volatile Organic Compounds (µg/m3)							
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	ND (1.4)
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	ND (1.1)
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	ND (3.7)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	NA	NA	NA	ND (1.5)
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	ND (0.92)
1,2-Dichlorotetrafluoroethane (CFC 114)	NA	NA	NA	NA	NA	NA	ND (1.4)
1,3-Butadiene	NA	NA	NA	NA	NA	NA	ND (0.44)
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)
1,4-Dioxane	NA	NA	NA	NA	NA	NA	ND (18)
2-Butanone (Methyl Ethyl Ketone)	NA	NA	NA	NA	NA	NA	1.5
2-Chlorotoluene	NA	NA	NA	NA	NA	NA	ND (1)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)
2-Phenylbutane (sec-Butylbenzene)	NA	NA	NA	NA	NA	NA	ND (1.1)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	NA	NA	NA	NA	ND (0.98)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)
Acetone	NA	NA	NA	NA	NA	NA	24
Allyl chloride	NA	NA	NA	NA	NA	NA	ND (1.6)
Benzyl Chloride (alpha-Chlorotoluene)	NA	NA	NA	NA	NA	NA	ND (1)
Bromodichloromethane	NA	NA	NA	NA	NA	NA	ND (1.3)
Bromoform	NA	NA	NA	NA	NA	NA	ND (2.1)
Bromomethane (Methyl Bromide)	NA	NA	NA	NA	NA	NA	ND (0.78)
Butane	NA	NA	NA	NA	NA	NA	18
Carbon disulfide	NA	NA	NA	NA	NA	NA	ND (1.6)
Chlorobenzene	NA	NA	NA	NA	NA	NA	ND (0.92)
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	2.8
Chloroethane	NA	NA	NA	NA	NA	NA	ND (1.3)
Chloroform (Trichloromethane)	NA	NA	NA	NA	NA	NA	0.48 J
Chloromethane (Methyl Chloride)	NA	NA	NA	NA	NA	NA	1.2
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)
Cymene (p-Isopropyltoluene)	NA	NA	NA	NA	NA	NA	ND (1.1)
Dibromochloromethane	NA	NA	NA	NA	NA	NA	ND (1.7)
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	NA	NA	NA	2.3 J
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	ND (2.1)
Isopropyl Alcohol (2-Propanol)	NA	NA	NA	NA	NA	NA	5.9 J
Isopropylbenzene (Cumene)	NA	NA	NA	NA	NA	NA	ND (0.98)
Methyl methacrylate	NA	NA	NA	NA	NA	NA	ND (2)
Methyl Tert Butyl Ether (MTBE)	NA	NA	NA	NA	NA	NA	ND (0.72)
n-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)
n-Propylbenzene	NA	NA	NA	NA	NA	NA	ND (0.98)
Styrene	NA	NA	NA	NA	NA	NA	ND (0.85)
Tert-Butyl Alcohol (tert-Butanol)	NA	NA	NA	NA	NA	NA	ND (15)
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)
Tetrahydrofuran	NA	NA	NA	NA	NA	NA	ND (15)
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	ND (0.79)
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)
Trichlorofluoromethane (CFC-11)	NA	NA	NA	NA	NA	NA	1.1
Trifluorotrichloroethane (Freon 113)	NA	NA	NA	NA	NA	NA	0.53 J
Vinyl Bromide (Bromoethene)	NA	NA	NA	NA	NA	NA	ND (0.87)

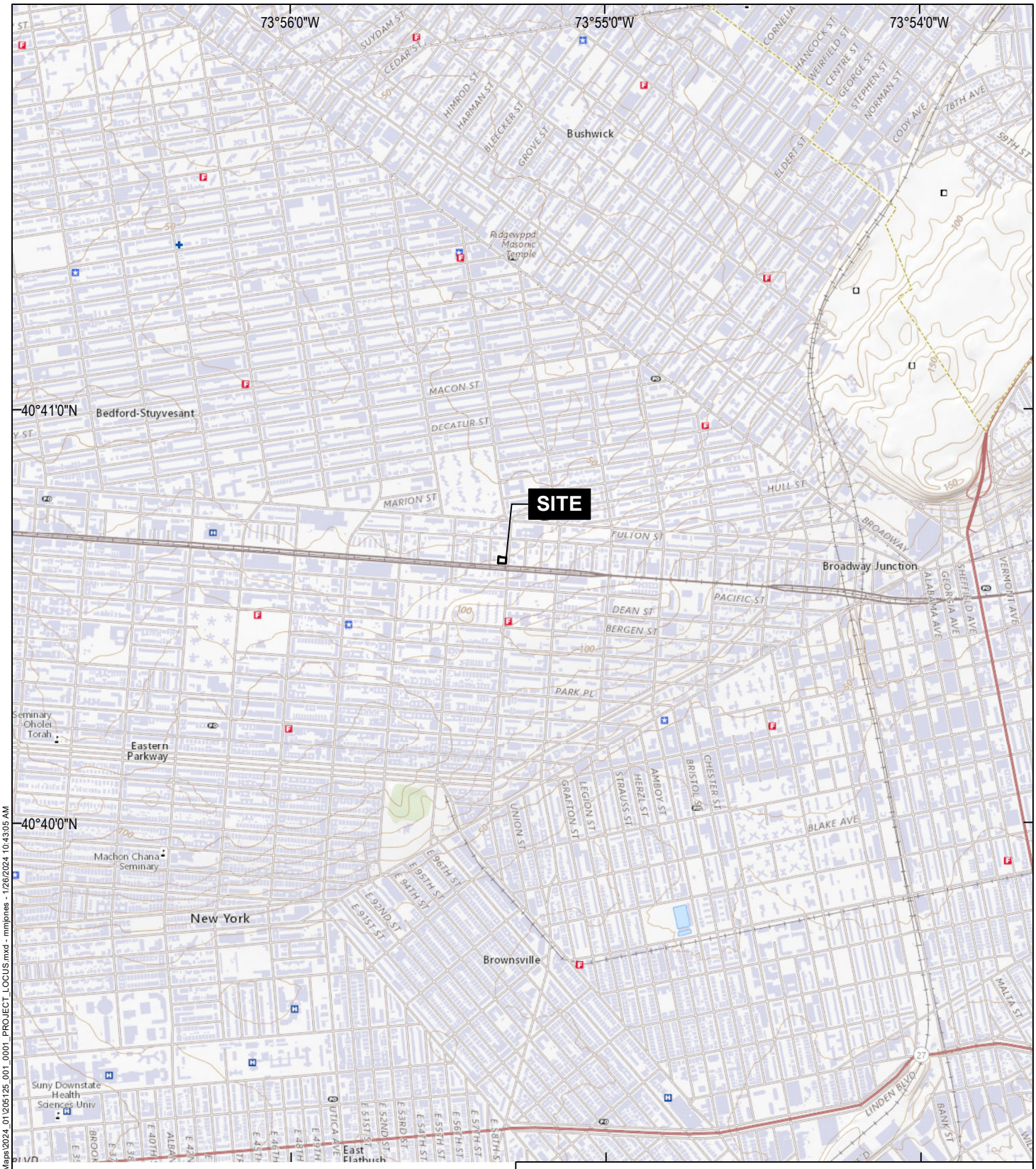
ABBREVIATIONS AND NOTES:

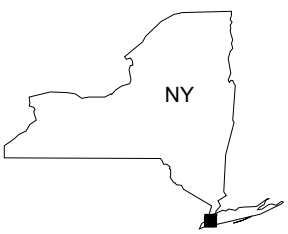
µg/m ^{3} : micrograms per cubic meter

J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
*- **Bold** text indicates detected concentration is in the Low range.*
- Blue highlighted text indicates detected concentration is in the Medium range.
- Orange highlighted text indicates a detected concentration is in the High range.

FIGURES





MAP SOURCE: USGS
SITE COORDINATES: 40°40'38"N, 73°55'19"W

HALEY ALDRICH

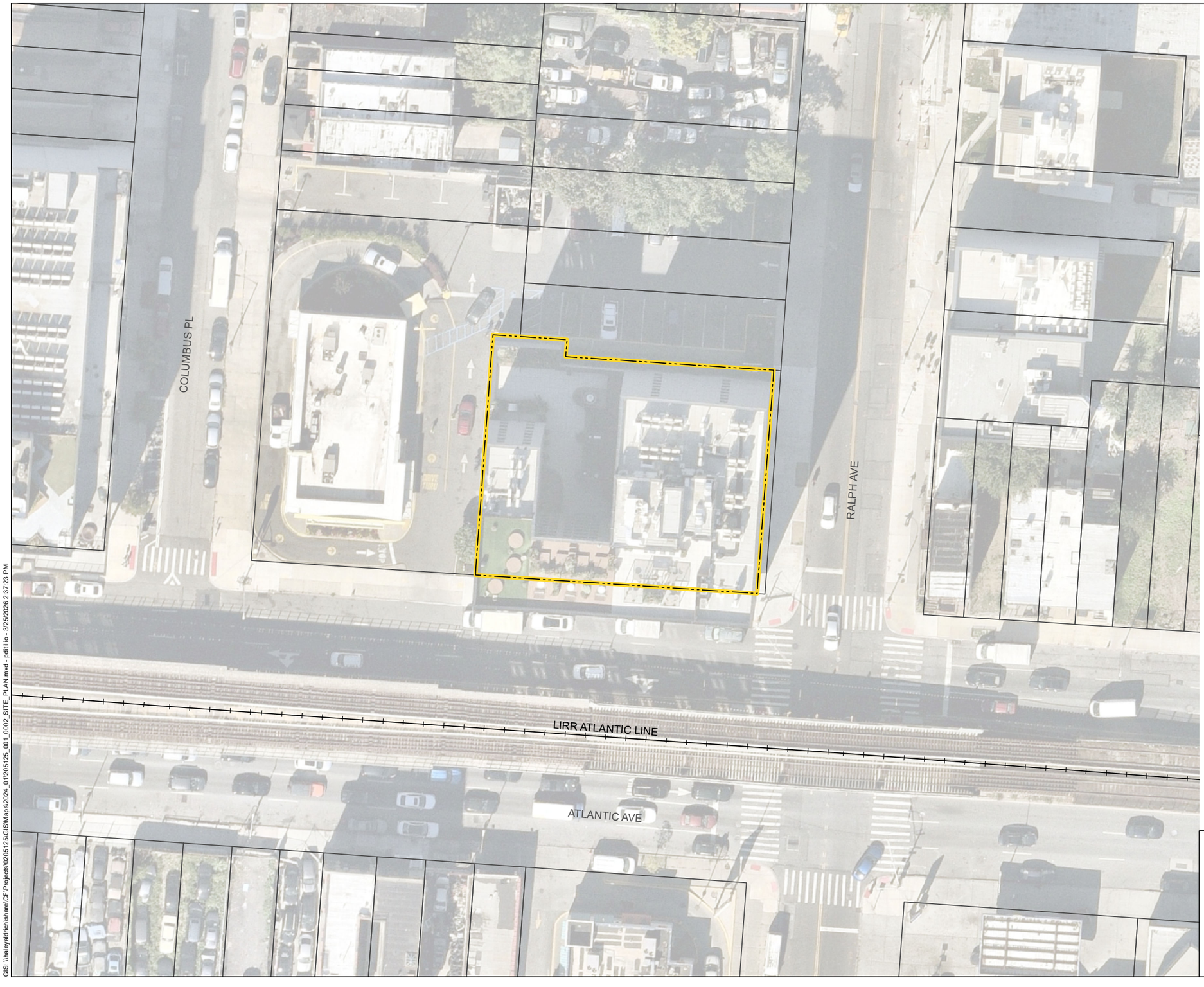
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
JANUARY 2024

FIGURE 1

GIS: \\haleyaldrich\share\CF\Projects\0205125\GIS\Maps\2024_01\205125_001_0001_PROJECT_LOCUS.mxd - mmjones - 1/26/2024 10:43:05 AM



LEGEND

COMMUTER RAIL LINE

SITE BOUNDARY

PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, OCTOBER 1, 2025

N

0 40 80

SCALE IN FEET

HALEY ALDRICH

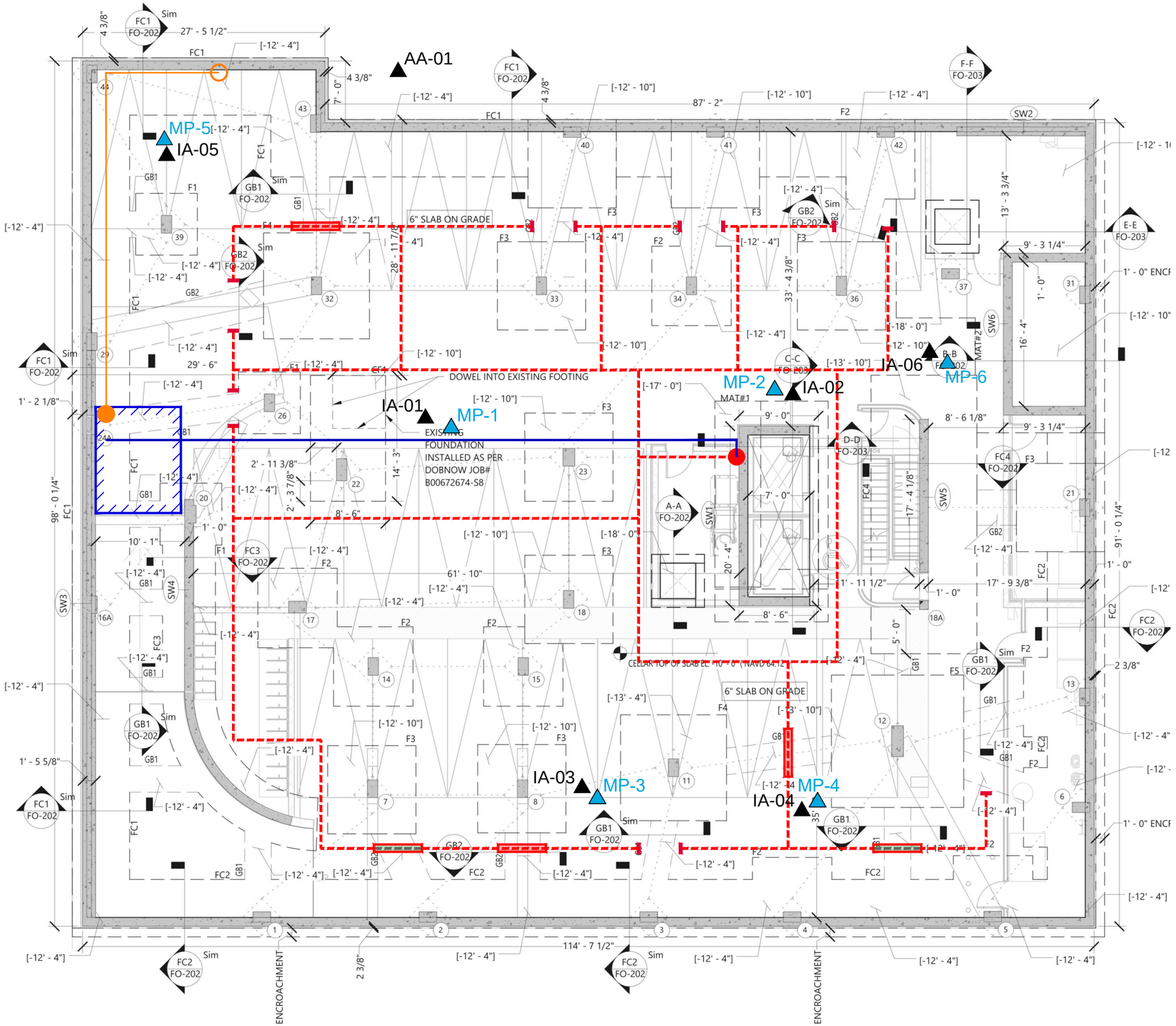
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

SITE PLAN

MARCH 2026

FIGURE 2

GIS: \\haleyaldrich\share\CF\Projects\02051258\GIS\Maps\2024_01205125_001_0002_SITE_PLAN.mxd - pdilillo - 3/25/2026 2:37:23 PM



LEGEND

- MP-1 ▲ SUB-SLAB MONITORING POINT
- 4" PERFORATED PVC PIPE
- 4" SOLID PVC END CAP
- ABOVE GRADE 4" CAST IRON PIPE CONNECTED TO SVE BLOWER
- 4" CAST IRON VERTICAL RISER PIPE
- PIPE SLEEVES THROUGH GRADE BEAM
- PIPE SLEEVES UNDER GRADE BEAM
- SVE 4-INCH SCH 40 PVC MANIFOLD PIPED FROM SVE TREATMENT SYSTEM LOCATION TO BASEMENT CEILING
- SVE 4-INCH SCH 40 PVC MANIFOLD PIPED ALONG CEILING
- CEILING PENETRATION
- IA-01 ▲ INDOOR/AMBIENT AIR SAMPLE

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. BASEMENT LAYOUT FROM FOUNDATION/CELLAR FLOOR PLAN, DRAWING FO-101.00, DATED 2 AUGUST 2023 BY J FRANKL ARCHITECTS.

HALEY ALDRICH

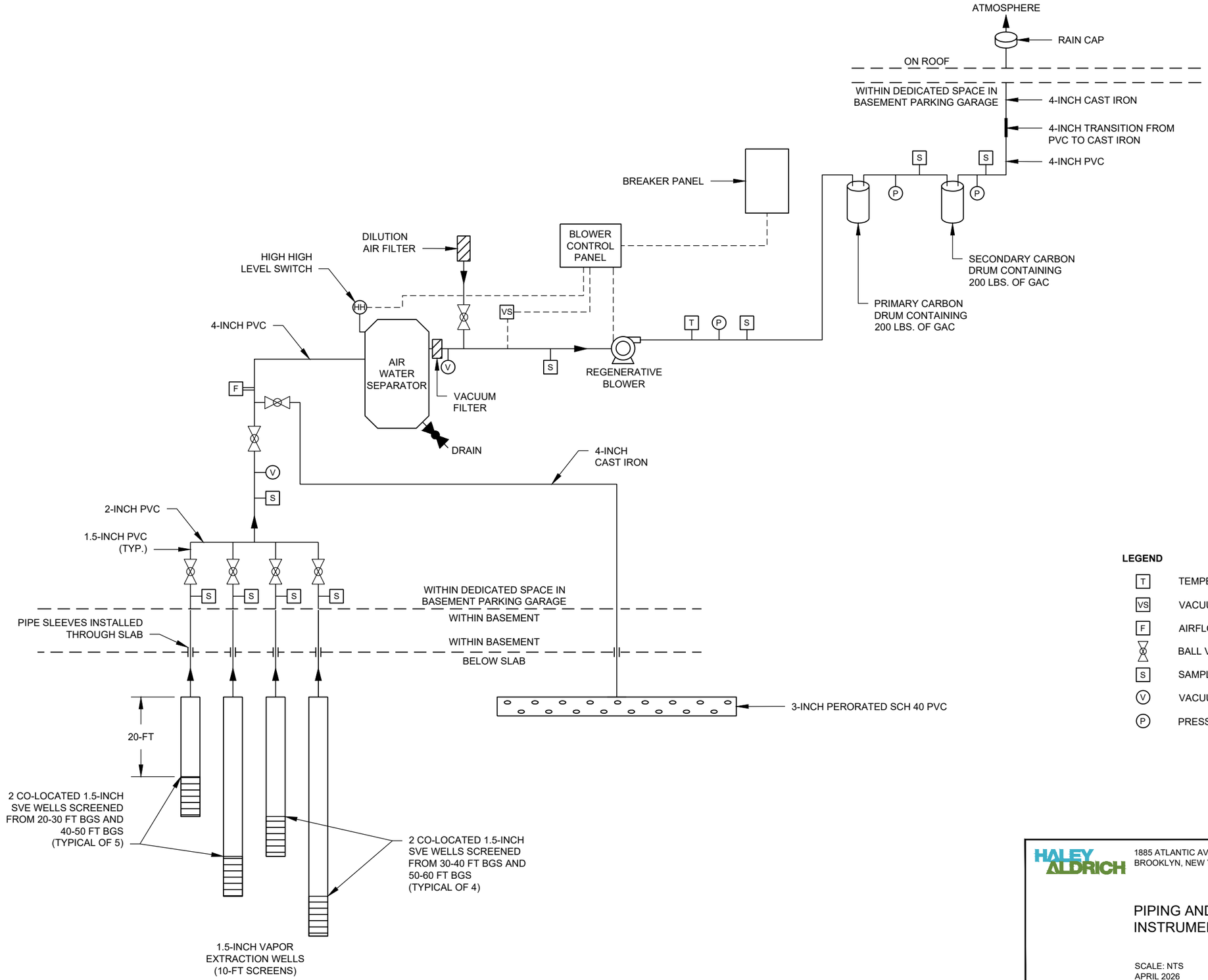
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

SSDS AS-BUILT AND SOIL VAPOR INTRUSION SAMPLING LOCATIONS

SCALE: AS SHOWN
APRIL 2026

FIGURE 3

Saved by: KPOSTOLOWSKI Printed: 4/1/2026 1:16 PM Sheet: SSDS-FIG 6
\\HALEYALDRICH.COM\SHARE\CPROJECTS\0205125\CADD\0205125_000_0008_SSDS_SYSTEM_AS-BUILT PLANS.DWG



LEGEND

- T — TEMPERATURE SWITCH/GAGE
- VS — VACUUM SWITCH
- F — AIRFLOW/PILOT TUBE
- BALL VALVE
- S — SAMPLE PORT
- V — VACUUM GAGE
- P — PRESSURE GAGE

HALEY ALDRICH

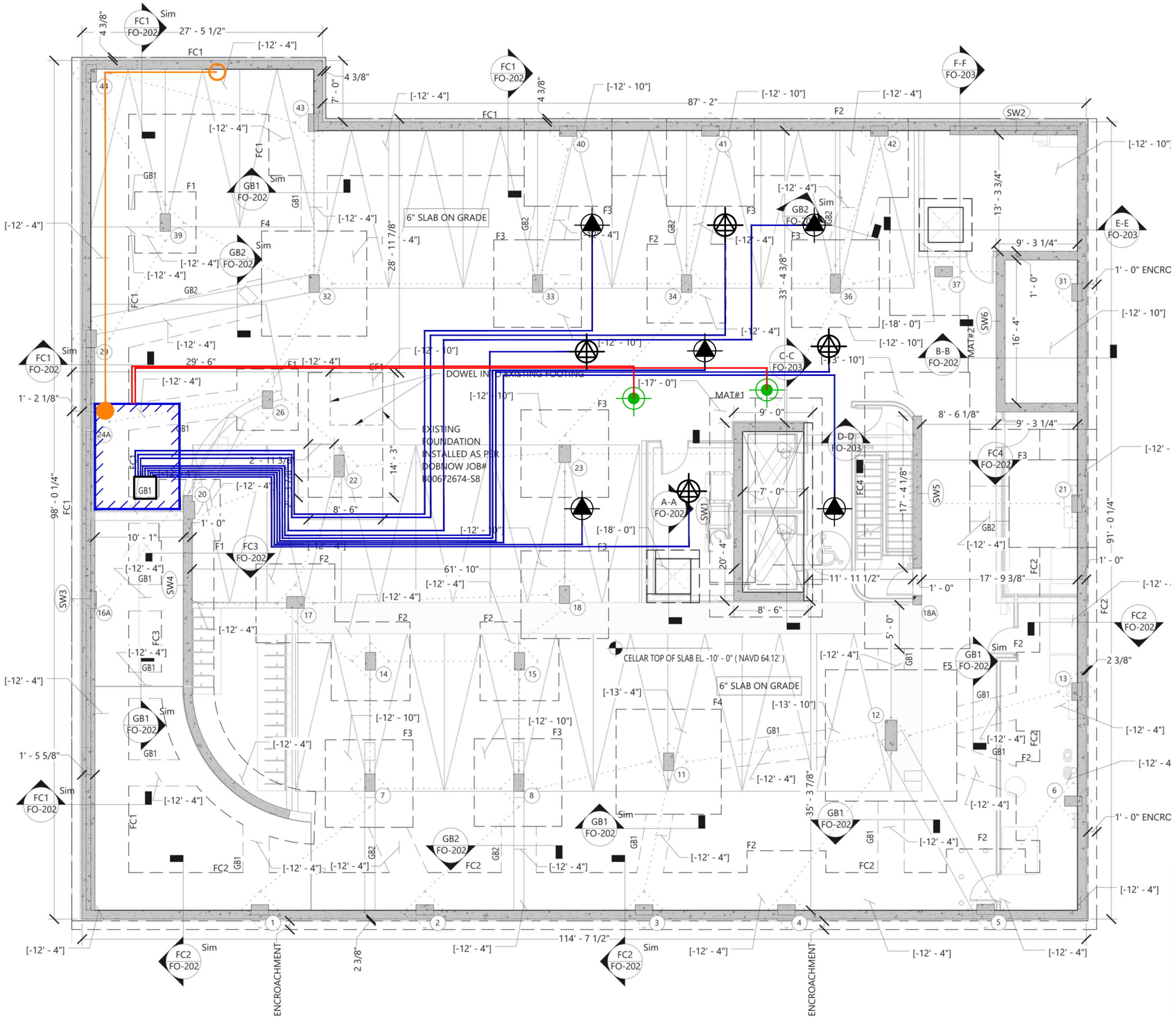
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

PIPING AND INSTRUMENTATION DESIGN

SCALE: NTS
APRIL 2026

FIGURE 4

Saved by: KPOSTOLOWSKI Printed: 4/1/2026 1:00 PM Sheet: FIG 4
\\HALEYALDRICH.COM\SHARE\CP\PROJECTS\0205125\CAD\0205125_000_0011_SVE PID_AS-BUILT.DWG



LEGEND

- SEALED WELL/FLOOR PENETRATION
- SVE 1.5-INCH SCH 40 PVC PIPE (INDICATES 2 DEDICATED SVE LINES)
- 4 X 1/4-INCH TUBING INSIDE 2-INCH PVC PIPE FOR PROTECTION
- SVE TREATMENT SYSTEM LOCATION
- SVE LOCATION SCREENED FROM 20-30 FT BGS AND 40-50 FT BGS (2 CO-LOCATED VAPOR EXTRACTION WELLS)
- SVE LOCATION SCREENED FROM 30-40 FT BGS AND 50-60 FT BGS (2 CO-LOCATED VAPOR EXTRACTION WELLS)
- SVE MONITORING LOCATION (4 CO-LOCATED MONITORING POINTS AT 25 FT, 35 FT, 45 FT, AND 55 FT BGS)
- SVE 4-INCH SCH 40 PVC MANIFOLD PIPED FROM SVE TREATMENT SYSTEM LOCATION TO BASEMENT CEILING
- SVE 4-INCH SCH 40 PVC MANIFOLD PIPED ALONG CEILING
- CEILING PENETRATION

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. BASEMENT LAYOUT FROM FOUNDATION/CELLAR FLOOR PLAN, DRAWING FO-101.00, DATED 2 AUGUST 2023 BY J FRANKL ARCHITECTS.

N

0 12 24

SCALE IN FEET

HALEY ALDRICH

1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

SVE SYSTEM AS-BUILT

SCALE: AS SHOWN
APRIL 2026

FIGURE 5

Saved by: KPOSTOLOWSKI Printed: 4/1/2026 12:34 PM Sheet: SVE-AB-FIG 3
\\HALEYALDRICH.COM\SHARE\CF\PROJECTS\0205129\CAD\0205129_000_0009_SVE_SYSTEM_AS-BUILT PLANS.DWG

MW-06	03/14/2024 460-300167-1	03/14/2024 460-300167-6	07/19/2024 460-308013-3	09/10/2024 460-311225-1	09/10/2024 460-311225-4	03/12/2025 460-322068-3	05/01/2025 460-325502-1	08/15/2025 460-332933-1	08/15/2025 460-332933-2	12/11/2025 460-341362-2	01/28/2026 460-344099-3
Tetrachloroethene	52	57	77	84	83	59	42 J	67	66	76	95

MW-08	03/14/2024 460-300167-3	07/19/2024 460-308013-1	09/10/2024 460-311225-3	03/12/2025 460-322068-1	05/01/2025 460-325502-3	08/15/2025 460-332933-4	12/11/2025 460-341362-3	12/11/2025 460-341362-4	01/28/2026 460-344099-1
Tetrachloroethene	8.2	1.8	1.4	1.7	1.8	3.1	2.4	2.2	3.8

MW-07	03/14/2024 460-300167-2	07/19/2024 460-308013-2	07/19/2024 460-308013-4	09/10/2024 460-311225-2	03/12/2025 460-322068-2	03/12/2025 460-322068-4	05/01/2025 460-325502-2	05/01/2025 460-325502-4	08/15/2025 460-332933-3	12/11/2025 460-341362-1	01/28/2026 460-344099-2	01/28/2026 460-344099-4
Tetrachloroethene	26	46	42	42	45	44	44	44	99	95	91 J	87

MW-6

MW-8

MW-7

RALPH AVE

9547

ATLANTIC AVE

LIRR ATLANTIC LINE

LEGEND

- MONITORING WELL
- COMMUTER RAIL LINE
- SITE BOUNDARY
- PARCEL BOUNDARY

Analyte	Units	AWQS
Volatile Organic Compounds (VOCs)		
Tetrachloroethene	µg/L	5

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHINCAL AND OPERATION GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS (AWQS).
3. ONLY ANALYTES THAT EXCEED CRITERIA ARE SHOWN ON FIGURE.
4. RESULTS SHADED GRAY EXCEED THE NYSDEC AWQS.
5. RESULTS ARE DISPLAYED IN MICROGRAMS PER LITER (µg/L).
6. J = RESULT IS AN ESTIMATE
7. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
8. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 1, 2025

N

0 20 40

SCALE IN FEET

HALEY ALDRICH

1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

POST-REMEDY GROUNDWATER EXCEEDANCES Q1 2026

MARCH 2026

FIGURE 6

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0205125\GIS\205125_1885_ATLANTIC_AVE.aprx - USER: pdilillo - LAST SAVED: 2/17/2026 3:28 PM

Figure 7 - Cumulative Mass Removal

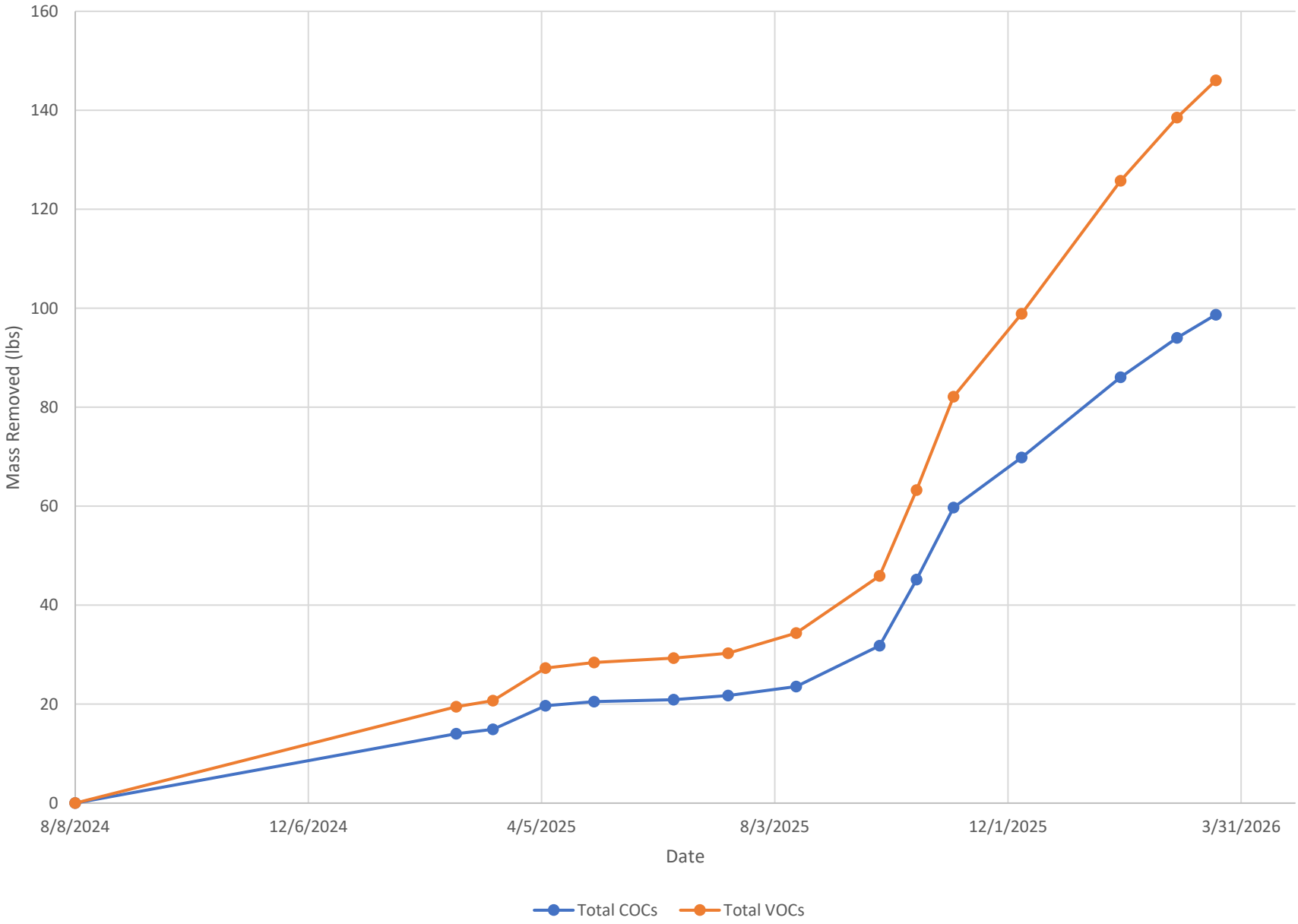
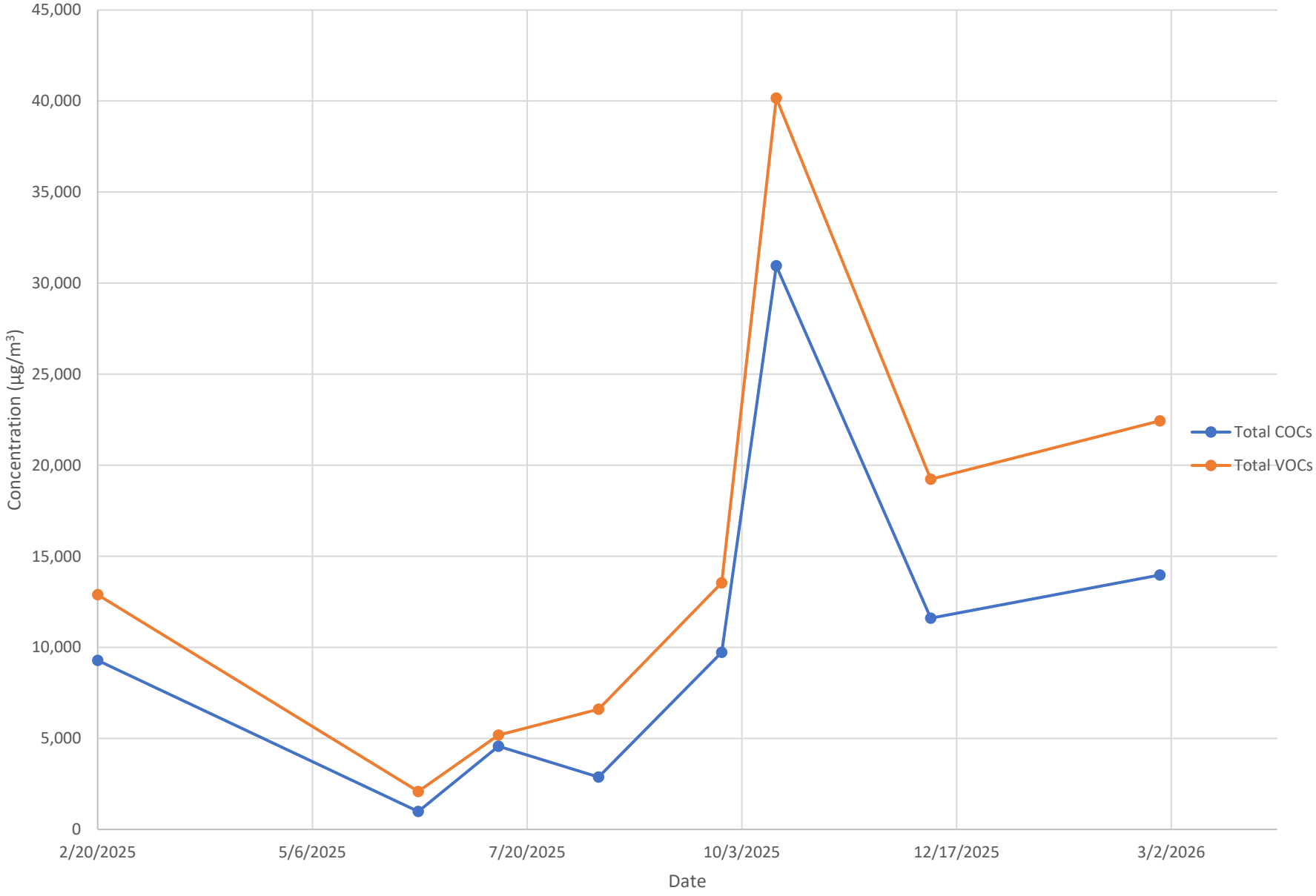


Figure 8: SVE System Influent Concentrations



LEGEND

- POST-REMEDY MONITORING WELL WITH **GROUNDWATER ELEVATION** IN FEET
- PRE-REMEDY MONITORING WELL WITH **GROUNDWATER ELEVATION** IN FEET
- APPROXIMATE GROUNDWATER ELEVATION CONTOUR, 0.5-FT INTERVAL, DASHED WHERE INFERRED
- INFERRED GROUNDWATER FLOW DIRECTION
- COMMUTER RAIL LINE
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. POST-REMEDY GROUNDWATER ELEVATIONS WERE MEASURED ON 26 MARCH 2024.
3. PRE-REMEDY GROUNDATER ELEVATIONS WERE MEASURED ON 22 APRIL 2022.
4. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
5. AERIAL IMAGERY SOURCE: NEARMAP, OCTOBER 1, 2025

N

0 20 40
SCALE IN FEET

HALEY ALDRICH

1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

GROUNDWATER CONTOUR

MARCH 2026

FIGURE 9

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APPENDIX A
Periodic Review Report Certification Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C224347

Site Name 1885 Atlantic Avenue Redevelopment

Site Address: 1885 ATLANTIC AVENUE Zip Code: 11233
City/Town: Brooklyn
County: Kings
Site Acreage: 0.249

Reporting Period: December 02, 2024 to April 02, 2026

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	X

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

	YES	NO
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	X	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C224347 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
1714-30	1885 Atlantic Realty LLC	Soil Management Plan Landuse Restriction Ground Water Use Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

The property may be used for restricted residential, commercial or industrial use.

All ECs must be operated, maintained inspected as specified in this SMP.

The use of groundwater underlying the property is prohibited. Groundwater and other environmental or public health monitoring must be performed.

Data and information pertinent to Site management must be reported.

All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP.

Monitoring to assess the performance and effectiveness of the remedy.

Operations, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed.

Access to the Site must be provided to agents, employees, or other representatives of the State of New York.

Vegetable gardens and farming on the Site are prohibited

The potential for vapor intrusion must be evaluated for any buildings developed and any potential impacts that are identified must be monitored or mitigated.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
1714-30	Monitoring Wells Vapor Mitigation Air Sparging/Soil Vapor Extraction

- Active Sub-Slab Depressurization System (SSDS)
- Soil Vapor Extraction (SVE) system
- Groundwater monitoring activities to assess ISCO performance.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative — Date

IC CERTIFICATIONS
SITE NO. C224347

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Jacob Kohn (print name) at 40 Oser Avenue, Hauppauge NY 11788 (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date: 4/9/26

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Scott A. Underhill (print name) at 213 West 35th Street, New York, NY 10001 (print business address),

am certifying as a Professional Engineer for the Owner (Owner or Remedial Party)

Scott A. Underhill

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE) 075332

4/8/26

Date

APPENDIX B
Quarterly Progress Reports

H & A OF NEW YORK
ENGINEERING AND GEOLOGY, LLP
213 W 35TH Street
7th Floor
New York, NY 10001
646.277.5685

August 21, 2025
File No. 020125-001

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233

Attention: Sadique Ahmed

Subject: Post-Remediation Quarterly Progress Report – March 2025
1885 Atlantic Avenue Redevelopment Site
Brooklyn, New York
Brownfield Site #C224347

Dear Mr. Ahmed:

H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) is pleased to submit this report, which documents groundwater monitoring, soil vapor extraction (SVE) system monitoring, and Soil Vapor Intrusion (SVI) Evaluation activities at the 1885 Atlantic Avenue Redevelopment Site ("Site") for the first quarter (Q1) of 2025. 1885 Atlantic Realty LLC (the Volunteer) has remediated a 0.250-acre property known as the 1885 Atlantic Avenue Redevelopment Site, designated under Brownfield Cleanup Program (BCP) Site No. C224347. See Figure 1 for a Site plan.

Purpose

This report summarizes quarterly groundwater monitoring, monthly and quarterly SVE system monitoring, and an SVI Evaluation, which are requirements of the New York State Department of Environmental Conservation (NYSDEC) approved Site Management Plan (SMP) dated September 2024.

An Environmental Easement (EE) package was submitted to NYSDEC and the Kings County Clerk on March 7, 2024. The EE requires compliance with the approved SMP and the Institutional Controls (ICs) placed on the Site. The SMP indicates that upon the completion of the post-remedial sampling and evaluation of the results, a determination will be made if the ICs can be lifted or become permanent. The SMP further indicates that samples will be collected until the EE is terminated in accordance with New York State Environmental Conservation Law (ECL) Article 71, Title 36.

Scope

During monthly monitoring events, SVE system reading collection and a visual inspection were conducted by a qualified person under the supervision of the Remedial Engineer (RE). During quarterly monitoring

events, vapor samples were collected from the SVE system, and groundwater samples were collected from the groundwater monitoring wells to assess the performance of the remedy.

During Q1 2025, an SVI Evaluation was conducted during the heating season under normal operating conditions without interference from construction activities, including interior work (e.g., painting and epoxy coating). Samples were collected from the six sub-slab monitoring points with co-located indoor air samples, along with a corresponding ambient air sample, upon completion of the building envelope.

Monitoring Network

Three monitoring wells were used for post-remediation groundwater monitoring, including one upgradient well (MW-6), one cross-gradient well (MW-7), and one downgradient well (MW-8). Six sub-slab monitoring points were used for sub-slab vapor sampling along with six co-located indoor air samples. The monitoring wells and sub-slab monitoring points/ indoor air sample locations are shown on Figures 2 and 3, respectively.

Groundwater Monitoring

Groundwater monitoring has occurred at the Site since the completion of remediation in December 2023. Groundwater remediation included the injection of alkaline-activated persulfate (AP-pH) into the groundwater through six injection wells to reduce elevated petroleum-based volatile organic compound (VOC) and polycyclic aromatic hydrocarbon (PAH) concentrations in the groundwater. A single injection event occurred from September 26, 2023, to September 29, 2023, during which AP-pH was injected into the groundwater via injection points at a depth interval of 60 to 80 feet (ft) below ground surface (bgs). A total of 16,210 pounds of sodium persulfate, 2,017 gallons of 25 percent sodium hydroxide solution, and 8,864 gallons of potable water were mixed to create a 15 percent activated persulfate solution (AP-pH mixed with municipal water).

The March 2025 groundwater sampling round was performed on March 12, 2025, using low-flow procedures. Samples were collected and analyzed for Target Compound List (TCL) VOCs by U.S. Environmental Protection Agency (USEPA) Method 8260B. Well purging, sampling, sample containment, chain of custody and sample shipping procedures, and laboratory analyses were completed in accordance with the SMP. Chemical analyses were performed by Eurofins Environmental Testing LLC (Eurofins), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory.

Groundwater Results Summary

Results exceeding the groundwater values listed in the Division of Water Technical and Operational Guidance Series 1.1.1, Ambient Water Quality Standards (AWQS), are summarized as follows:

MW-6 (upgradient): One VOC (tetrachloroethene [PCE]) was detected above its AWQS at a concentration of 59 micrograms per liter (µg/L).

MW-7 (cross-gradient): One VOC (PCE) was detected above the AWQS at a concentration of 45 µg/L.

MW-8 (downgradient): No VOCs were detected above the AWQS.

Results for the March 2025 sampling round are provided in Table I and Figure 2. The analytical laboratory report is provided as Appendix A. An electronic data deliverable (EDD) will be submitted as part of the 2026 Periodic Review Report (PRR) due in May 2026, 16 months following issuance of the certificate of completion issued on December 2, 2024.

SVE System Monitoring

Monthly SVE system maintenance and monitoring were conducted in February and March 2025 in accordance with the NYSDEC-approved SMP. Maintenance and monitoring activities included a visual inspection of system components and collecting flow, photoionization detector (PID), pressure/vacuum, and temperature readings associated with the SVE wells, SVE/sub-slab depressurization system (SSDS) blower, granular activated carbon drums, and SVE monitoring points. Field forms for each maintenance and monitoring event are included in Appendix B.

Quarterly vapor sampling of the SVE system was conducted in February 2025 and included an SVE/SSDS combined influent sample and an SVE/SSDS effluent sample analyzed for VOCs by USEPA Method TO-15. Chemical analyses were performed by Pace Analytical (Pace), an NYSDOH ELAP-certified laboratory. Analytical results will be included in the 2026 PRR.

March 2025 SVI Evaluation

On March 13, 2025, an SVI Evaluation was conducted in accordance with the NYSDEC-approved SMP, and samples were collected and analyzed for VOCs by USEPA Method TO-15 for soil vapor and indoor/ambient air. Chemical analyses were performed by Eurofins, an NYSDOH ELAP-certified laboratory. As part of the SVI Evaluation, a chemical inventory was conducted. The chemical inventory did not reveal the storage of any chemicals in the garage space. It is noted that during this time, the garage was active and in use by visitors to the building, contractors, potential tenants, and Ownership.

Prior to sampling, vacuum readings were collected, and air was purged from the sub-slab monitoring points by attaching a tube to the monitoring point and attaching the surface end of the tube to an air valve, and then to a vacuum pump. The sub-slab soil vapor samples were first screened for organic vapors using a PID. The indoor air canisters were placed at breathing height (3 to 5 ft above the floor). Vacuum readings at the sub-slab monitoring points before purging are provided in Table II.

March 2025 SVI Evaluation Results

The analytical results of the sub-slab soil vapor and indoor air samples were compared to NYSDOH Soil Vapor/Indoor Air Decision Matrices A through F. A summary of the VOC results is listed below:

- 1,1-Dichloroethene (DCE):
  - 1,1-DCE was not detected above laboratory reporting limits in any of the sub-slab soil vapor samples, indoor air samples, or in the ambient air sample.

- Carbon tetrachloride:
  - In indoor air samples, carbon tetrachloride was detected in all six locations at concentrations ranging from 0.21 micrograms per cubic meter (µg/m^3) in sample IA-06 to 0.42 µg/m^3 in sample IA-01.
  - In the sub-slab soil vapor samples, carbon tetrachloride was detected in all six locations at concentrations ranging from 0.32 µg/m^3 in sample MP-2 to 0.41 µg/m^3 in sample MP-5.
  - In the ambient air sample, carbon tetrachloride was detected at a concentration of 0.38 µg/m^3 in sample AA-01.

- Cis-1,2-DCE:
  - Cis-1,2-DCE was not detected above laboratory reporting limits in any of the sub-slab soil vapor samples, indoor air samples, or in the ambient air sample.

- Trichloroethene (TCE):
  - TCE was not detected above laboratory reporting limits in any of the sub-slab soil vapor samples, indoor air samples, or in the ambient air sample.

- 1,1,1-TCE:
  - 1,1,1-TCE was not detected above laboratory reporting limits in any of the sub-slab soil vapor samples, indoor air samples, or in the ambient air sample.

- PCE:
  - In indoor air samples, PCE was detected in all six locations at concentrations ranging from 0.18 µg/m^3 in samples IA-01, IA-04, IA-05, and IA-06 to 0.22 µg/m^3 in sample IA-02.
  - In sub-slab soil vapor samples, PCE was detected in five of the six locations at concentrations ranging from 0.15 µg/m^3 in sample MP-3 to 0.61 µg/m^3 in sample MP-4.
  - PCE was detected in the ambient air sample at a concentration of 0.17 µg/m^3.

- Methylene chloride:
  - In indoor air samples, methylene chloride was detected in five of the six locations at concentrations ranging from 0.65 µg/m^3 in samples IA-01 and IA-03 to 1.7 µg/m^3 in sample IA-02.

  - In sub-slab soil vapor samples, methylene chloride was detected in five of the six locations at concentrations ranging from 0.67 µg/m^3 in sample MP-5 to 1 µg/m^3 in sample MP-2.
  - Methylene chloride was detected in the ambient air sample at a concentration of 0.88 µg/m^3.

- Vinyl chloride:
  - Vinyl chloride was not detected above laboratory reporting limits in any of the sub-slab soil vapor samples, indoor air samples, or in the ambient air sample.

- Benzene:
  - In indoor air samples, benzene was detected in all six locations at concentrations ranging from 1.1 µg/m^3 in samples IA-01, IA-02, IA-04, and IA-05 to 1.3 µg/m^3 in sample IA-06.
  - In sub-slab soil vapor samples, benzene was detected in all six locations at concentrations ranging from 0.5 µg/m^3 in sample MP-3 to 13 µg/m^3 in sample MP-1.
  - Benzene was detected in the ambient air sample at a concentration of 0.59 µg/m^3.
- Ethylbenzene:
  - In indoor air samples, ethylbenzene was detected in two of the six locations at concentrations ranging from 0.3 µg/m^3 in sample IA-05 to 0.32 µg/m^3 in sample IA-02.
  - In sub-slab soil vapor samples, ethylbenzene was detected in all six locations at concentrations ranging from 0.39 µg/m^3 in sample MP-6 to 13 µg/m^3 in sample MP-1.
  - Ethylbenzene was not detected above laboratory reporting limits in the ambient air sample.

- Naphthalene:
  - In sub-slab soil vapor samples, naphthalene was detected in one of the six locations at a concentration of 5.1 µg/m^3 in sample MP-1.
  - Naphthalene was not detected above laboratory reporting limits in any of the indoor air samples or in the ambient air sample.

- Cyclohexane:
  - In indoor air samples, cyclohexane was detected in all six locations at concentrations ranging from 1.5 µg/m^3 in sample IA-05 to 2.5 µg/m^3 in sample IA-02.
  - In sub-slab soil vapor samples, cyclohexane was detected in all six locations at concentrations ranging from 0.61 µg/m^3 in sample MP-5 to 72 µg/m^3 in sample MP-2.
  - Cyclohexane was not detected above the laboratory reporting limit in the ambient air sample.

- 2,2,4-Trimethylpentane:
  - In indoor air samples, 2,2,4-Trimethylpentane was detected in all six locations at concentrations ranging from 2.5 µg/m^3 in sample IA-05 to 4.9 µg/m^3 in sample IA-06.

  - In sub-slab soil vapor samples, 2,2,4-Trimethylpentane was detected in all six locations at concentrations ranging from 0.96 µg/m^3 in sample MP-5 to 350 µg/m^3 in sample MP-2.
  - 2,2,4-Trimethylpentane was detected in the ambient air sample at a concentration of 0.44 µg/m^3.

- 1,2,4-Trimethylbenzene:
  - In indoor air samples, 1,2,4-Trimethylbenzene was detected in two of the six locations at concentrations ranging from 0.47 µg/m^3 in sample IA-06 to 0.57 µg/m^3 in sample IA-05.
  - In sub-slab soil vapor samples, 1,2,4-Trimethylbenzene was detected in all six locations at concentrations ranging from 0.61 µg/m^3 in sample MP-3 to 8.9 µg/m^3 in sample MP-1.
  - 1,2,4-Trimethylbenzene was not detected above laboratory limits in the ambient air sample.

- 1,3,5-Trimethylbenzene:
  - In sub-slab soil vapor samples, 1,3,5-Trimethylbenzene was detected in three of the six locations at concentrations ranging from 0.3 µg/m^3 in sample MP-5 to 2.7 µg/m^3 in sample MP-1.
  - 1,2,4-Trimethylbenzene was not detected above laboratory limits in any of the indoor air samples or in the ambient air sample.

- o-Xylene:
  - In indoor air samples, o-Xylene was detected in four of the six locations at concentrations ranging from 0.28 µg/m^3 in sample IA-04 to 0.38 µg/m^3 in sample IA-05.
  - In sub-slab soil vapor samples, o-xylene was detected in all six locations at concentrations ranging from 0.57 µg/m^3 in sample MP-2 to 12 µg/m^3 in sample MP-4.
  - o-Xylene was not detected above laboratory reporting limits in the ambient air sample.

- m,p-Xylenes:
  - In indoor air samples, m,p-Xylenes were detected in five of the six locations at concentrations ranging from 0.74 µg/m^3 in sample IA-04 to 1.1 µg/m^3 in sample IA-06.
  - In sub-slab soil vapor samples, m,p-Xylenes were detected in all six locations at concentrations ranging from 1.3 µg/m^3 in sample MP-2 to 34 µg/m^3 in sample MP-4.
  - m,p-Xylenes were detected in the ambient air sample at a concentration of 0.49 µg/m^3.

- n-Heptane
  - In indoor air samples, n-Heptane was detected in all six locations at concentrations ranging from 0.66 µg/m^3 in sample IA-01 to 1.3 µg/m^3 in sample IA-02.
  - In sub-slab soil vapor samples, n-Heptane was detected in all six locations at concentrations ranging from 0.66 µg/m^3 in sample MP-5 to 35 µg/m^3 in sample MP-2.
  - n-Heptane was detected in the ambient air sample at a concentration of 0.49 µg/m^3.

- Hexane:
  - In indoor air samples, hexane was detected in all six locations at concentrations ranging from 17 µg/m^3 in samples IA-02 and IA-05 to 21 µg/m^3 in sample IA-06.
  - In indoor air samples, hexane was detected in all six locations at concentrations ranging from 4.1 µg/m^3 in sample MP-5 to 480 µg/m^3 in sample MP-2.
  - Hexane was detected in the ambient air sample at a concentration of 0.58 µg/m^3.

- Toluene:
  - In indoor air samples, toluene was detected in all six locations at concentrations ranging from 1 µg/m^3 in sample IA-01 to 8.9 µg/m^3 in sample IA-02.
  - In sub-slab soil vapor samples, toluene was detected in all six locations at concentrations ranging from 1.9 µg/m^3 in sample MP-6 to 3.3 µg/m^3 in sample MP-1.
  - Toluene was detected in the ambient air sample at a concentration of 0.97 µg/m^3.

Results for the March 2025 SVI Evaluation are provided in Table III. The analytical laboratory report is provided as Appendix C. An EDD will be submitted as part of the 2026 PRR.

Conclusions

GROUNDWATER

As documented in the NYSDEC-approved Final Engineering Report (FER) dated September 2024, PCE is not considered a Site contaminant as it was not observed during the remedial investigation or used in historical Site operations. Elevated PCE concentrations in the upgradient well (MW-6) and cross-gradient well (MW-7) are attributed to an off-site source. Haley & Aldrich of New York recommends continued quarterly sampling of the three monitoring wells.

SVE SYSTEM

Monthly PID readings and quarterly SVE system vapor samples indicate the system is effectively removing VOC contamination from the subsurface. Haley & Aldrich of New York recommends continued operation and monitoring of the SVE system per the SMP.

SVI EVALUATION

Site-related contaminants of concern identified during the remedial investigation included petroleum-related VOCs. Based on the results of the SVI sampling and comparison to the NYSDOH Soil Vapor/Indoor Air decision matrices, all results indicate that “No Further Action” is required with the exception of the IA-2/MP-2 co-located samples, which require “Monitor” based on the concentrations of cyclohexane (Matrix D), 2,2,4-Tirmethylpentane (Matrix D), and hexane (Matrix E), and the IA-06 sample, which requires “Mitigate” based on the indoor air concentration of hexane (Matrix E). The lowest level of the building is currently used as a parking garage, which was in use during the SVI Evaluation.

The building has Engineering Controls (ECs), including an active SSDS and cover system consisting of a 20-mil vapor barrier and concrete slab, and the lowest level is currently used as a parking garage only (no residential occupancy) with enhanced ventilation based on the New York City Mechanical Code from November 2022. In consideration of the existing ECs, current use of the lowest floor as a garage, and that the indoor air concentrations identified during the SVI Evaluation are consistent with exhaust from vehicles, Haley & Aldrich of New York recommends that the SVI Evaluation be considered complete.

Future Monitoring

Future monitoring events in the second quarter of 2025 will include monthly visits for SVE system monitoring and quarterly visits for groundwater and SVE system sampling.

Please do not hesitate to call if you have any questions or comments.

Sincerely yours,
H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP

Matthew Forshay, P.E.	Scott A. Underhill, P.E.	James M. Bellew
Assistant Project Manager	Principal Consultant	Senior Associate

Attachments:

Table I – Summary of Groundwater Quality Data
Table II – Vacuum Readings
Table III – Summary of Soil Gas and Air Quality Data
Figure 1 – Site Plan
Figure 2 – Post Remedy Groundwater Exceedances
Figure 3 –SSDS As-Built and SVI Sampling Locations
Appendix A – March 2025 Groundwater Laboratory Report
Appendix B – SVE Maintenance Field Forms
Appendix C – March 2025 Sub-Slab and Indoor Air Laboratory Report

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TABLES

TABLE I
SUMMARY OF GROUNDWATER QUALITY DATA
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK
FILE NO. 0205125

	Action Level				
Location Name	New York TOGS	MW-06	MW-07	MW-07	MW-08
Sample Name	111 Ambient	MW-06_03122025	MW-07_03122025	DUP-01_03122025	MW-08_03122025
Sample Date	Water Quality	03/12/2025	03/12/2025	03/12/2025	03/12/2025
Lab Sample ID	Standards	460-322068-3	460-322068-2	460-322068-4	460-322068-1
Volatile Organic Compounds (ug/L)					
1,1,1-Trichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	5	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
1,1,2-Trichloroethane	1	ND (0.58)	ND (0.58)	0.21 J	ND (0.58)
1,1-Dichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,3-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	0.6	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
1,2-Dichloropropane	1	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
1,3,5-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone (Methyl Butyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)
2-Phenylbutane (sec-Butylbenzene)	5	ND (1)	ND (1)	ND (1)	ND (1)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	50	ND (5)	ND (5)	ND (5)	ND (5)
Benzene	1	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Bromodichloromethane	50	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)
Bromoform	50	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	5	ND (1)	ND (1)	ND (1)	ND (1)
Carbon disulfide	60	ND (1)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	5	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobromomethane	5	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	7	1.1	0.82 J	0.72 J	ND (1)
Chloromethane (Methyl Chloride)	5	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	5	0.54 J	ND (1)	ND (1)	ND (1)
cis-1,3-Dichloropropene	0.4	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Cyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	50	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)
Dichlorodifluoromethane (CFC-12)	5	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	5	ND (1)	ND (1)	ND (1)	ND (1)
m,p-Xylenes	5	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	NA	ND (5)	ND (5)	ND (5)	ND (5)
Methyl Tert Butyl Ether (MTBE)	10	0.28 J	0.39 J	0.39 J	ND (1)
Methylcyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride (Dichloromethane)	5	ND (1)	ND (1)	ND (1)	ND (1)
n-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
n-Propylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
o-Xylene	5	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	5	ND (1)	ND (1)	ND (1)	ND (1)
tert-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	5	**59**	**45**	**44**	1.7
Toluene	5	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	0.4	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Trichloroethene	5	0.74	0.53	0.72	ND (0.28)
Trichlorofluoromethane (CFC-11)	5	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	5	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	2	ND (1)	ND (1)	ND (1)	ND (1)
Xylene (Total)	5	ND (2)	ND (2)	ND (2)	ND (2)

Notes:

µg/L: micrograms per liter

J: Value is estimated.

ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.

- Groundwater analytical results are compared to NY-AWQS: NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA Water.

- Bold indicates an exceedance of the AWQS criteria.

TABLE II

SUMMARY OF SUB SLAB VACUUM READINGS

1885 ATLANTIC AVENUE

BROOKLYN, NEW YORK

FILE NO. 0205125

Location	Vacuum (IWC)
MP-01	0.0017
MP-02	0.0655
MP-03	Clogged with Condensation
MP-04	Clogged with Condensation
MP-05	0.0725
MP-06	0.0004

Notes:

IWC - inches of water column

TABLE III
SUMMARY OF SOIL GAS AND AIR QUALITY DATA
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK
FILE NO. 0205125

Precharacterization Grid	Criteria									
Location Name	New York DOH Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			New York DOH Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			AA-01	IA-01	MP-1	IA-02
Sample Name							AA-01_20250312	IA-01_20250312	MP-1_20250312	IA-02_20250312
Sample Date							03/13/2025	03/13/2025	03/13/2025	03/13/2025
Lab Sample ID							200-77312-13	200-77312-7	200-77312-1	200-77312-8
Soil Description	**Range 1**	**Range 2**	**Range 3**	**Range 1**	**Range 2**	**Range 3**	Ambient Air	Indoor Air	Soil Gas	Indoor Air
Matrix A										
1,1-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Carbon tetrachloride	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	0.38	0.42	**0.39**	0.33
cis-1,2-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Trichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Matrix B										
1,1,1-Trichloroethane	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
Tetrachloroethene	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	0.17 J	**0.18 J**	**0.21 J**	**0.22 J**
Methylene chloride (Dichloromethane)	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	0.88 J	**0.65 J**	**0.76 J**	**1.7**
Matrix C										
Vinyl chloride	< 0.2	NA	> 0.2	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Matrix D										
Benzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	0.59 J	**1.1**	**13**	**1.1**
Ethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (0.87)	ND (0.87)	**13**	**0.32 J**
Naphthalene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (2)	ND (2)	**5.1**	ND (2)
Cyclohexane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (0.69)	**1.6**	**2**	2.5
2,2,4-Trimethylpentane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	0.44 J	2.6	**6.3**	2.8
1,2,4-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (0.98)	ND (0.98)	**8.9**	ND (0.98)
1,3,5-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (0.98)	ND (0.98)	**2.7**	ND (0.98)
o-Xylene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (0.87)	ND (0.87)	**6.3**	**0.33 J**
Matrix E										
m,p-Xylenes	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	0.49 J	ND (2.2)	**15**	**0.98 J**
N-Heptane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	0.49 J	**0.66 J**	**1.3**	**1.3**
Hexane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	0.58 J	19	**12**	17
Matrix F										
Toluene	< 10	10 - 50	> 50	< 300	300 - 3000	> 3000	0.97	**1**	**3.3**	**8.9**
Volatile Organic Compounds (ug/m3)										
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)	ND (0.81)	ND (0.81)	ND (0.81)
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	ND (3.7)	ND (3.7)	ND (3.7)	ND (3.7)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	NA	NA	NA	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)	ND (0.81)	ND (0.81)	ND (0.81)
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	ND (0.92)	ND (0.92)	ND (0.92)	0.98
1,2-Dichlorotetrafluoroethane (CFC 114)	NA	NA	NA	NA	NA	NA	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
1,3-Butadiene	NA	NA	NA	NA	NA	NA	0.12 J	0.11 J	ND (0.44)	ND (0.44)
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,4-Dioxane	NA	NA	NA	NA	NA	NA	ND (18)	0.47 J	ND (18)	ND (18)
2-Butanone (Methyl Ethyl Ketone)	NA	NA	NA	NA	NA	NA	ND (1.5)	ND (1.5)	ND (1.5)	1.4 J
2-Chlorotoluene	NA	NA	NA	NA	NA	NA	ND (1)	ND (1)	ND (1)	ND (1)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2)	ND (2)
2-Phenylbutane (sec-Butylbenzene)	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	NA	NA	NA	NA	ND (0.98)	ND (0.98)	2.2	ND (0.98)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	NA	NA	NA	NA	NA	NA	7.2 J	13	16	18
Allyl chloride	NA	NA	NA	NA	NA	NA	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
Benzyl Chloride (alpha-Chlorotoluene)	NA	NA	NA	NA	NA	NA	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	NA	NA	NA	NA	NA	NA	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
Bromoform	NA	NA	NA	NA	NA	NA	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)
Bromomethane (Methyl Bromide)	NA	NA	NA	NA	NA	NA	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)
Butane	NA	NA	NA	NA	NA	NA	3.7	19	10	20
Carbon disulfide	NA	NA	NA	NA	NA	NA	ND (1.6)	1 J	ND (1.6)	ND (1.6)
Chlorobenzene	NA	NA	NA	NA	NA	NA	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	2.6	1.2 J	2.9	1.3 J
Chloroethane	NA	NA	NA	NA	NA	NA	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
Chloroform (Trichloromethane)	NA	NA	NA	NA	NA	NA	ND (0.98)	0.2 J	0.26 J	0.22 J
Chloromethane (Methyl Chloride)	NA	NA	NA	NA	NA	NA	1.5	1.4	0.41 J	1.5
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)	ND (0.91)	ND (0.91)	ND (0.91)
Cymene (p-Isopropyltoluene)	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	1.4	ND (1.1)
Dibromochloromethane	NA	NA	NA	NA	NA	NA	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	NA	NA	NA	2.2 J	2.2 J	2.1 J	2.2 J
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)
Isopropyl Alcohol (2-Propanol)	NA	NA	NA	NA	NA	NA	ND (12)	5.7 J	11 J	7.1 J
Isopropylbenzene (Cumene)	NA	NA	NA	NA	NA	NA	ND (0.98)	ND (0.98)	3.7	ND (0.98)
Methyl methacrylate	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2)	ND (2)
Methyl Tert Butyl Ether (MTBE)	NA	NA	NA	NA	NA	NA	ND (0.72)	ND (0.72)	ND (0.72)	ND (0.72)
n-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
n-Propylbenzene	NA	NA	NA	NA	NA	NA	ND (0.98)	ND (0.98)	1.9	ND (0.98)
Styrene	NA	NA	NA	NA	NA	NA	ND (0.85)	ND (0.85)	ND (0.85)	ND (0.85)
Tert-Butyl Alcohol (tert-Butanol)	NA	NA	NA	NA	NA	NA	ND (15)	ND (15)	ND (15)	ND (15)
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
Tetrahydrofuran	NA	NA	NA	NA	NA	NA	ND (15)	ND (15)	14 J	ND (15)
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	1	ND (0.79)	ND (0.79)	ND (0.79)
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)	ND (0.91)	ND (0.91)	ND (0.91)
Trichlorofluoromethane (CFC-11)	NA	NA	NA	NA	NA	NA	1.1	1.2	1 J	1.1
Trifluorotrichloroethane (Freon 113)	NA	NA	NA	NA	NA	NA	0.48 J	0.48 J	0.44 J	0.48 J
Vinyl Bromide (Bromoethene)	NA	NA	NA	NA	NA	NA	ND (0.87)	ND (0.87)	ND (0.87)	ND (0.87)

ABBREVIATIONS AND NOTES:

µg/m ^{3} : micrograms per cubic meter

J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
*- **Bold** text indicates detected concentration is in the Low range.*
- Blue highlighted text indicates detected concentration is in the Medium range.
- Orange highlighted text indicates a detected concentration is in the High range.

TABLE III
SUMMARY OF SOIL GAS AND AIR QUALITY DATA
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK
FILE NO. 0205125

Precharacterization Grid	Criteria									
Location Name	New York DOH Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			New York DOH Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			MP-2	IA-03	MP-3	IA-04
Sample Name							MP-2_20250312	IA-03_20250312	MP-3_20250312	IA-04_20250312
Sample Date							03/13/2025	03/13/2025	03/13/2025	03/13/2025
Lab Sample ID							200-77312-2	200-77312-9	200-77312-3	200-77312-10
Soil Description	**Range 1**	**Range 2**	**Range 3**	**Range 1**	**Range 2**	**Range 3**	Soil Gas	Indoor Air	Soil Gas	Indoor Air
Matrix A										
1,1-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Carbon tetrachloride	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	**0.32**	0.41	**0.37**	0.38
cis-1,2-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Trichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Matrix B										
1,1,1-Trichloroethane	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
Tetrachloroethene	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**0.24 J**	**0.19 J**	**0.15 J**	**0.18 J**
Methylene chloride (Dichloromethane)	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**1 J**	**0.65 J**	ND (1.7)	**0.68 J**
Matrix C										
Vinyl chloride	< 0.2	NA	> 0.2	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Matrix D										
Benzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**2**	**1.2**	**0.5 J**	**1.1**
Ethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**0.72 J**	ND (0.87)	**0.53 J**	ND (0.87)
Naphthalene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (2)	ND (2)	ND (2)	ND (2)
Cyclohexane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	72	**1.7**	**0.77**	**1.6**
2,2,4-Trimethylpentane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	350	2.8	**1.9**	2.7
1,2,4-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**0.78 J**	ND (0.98)	**0.61 J**	ND (0.98)
1,3,5-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)
o-Xylene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**0.57 J**	ND (0.87)	**0.68 J**	**0.28 J**
Matrix E										
m,p-Xylenes	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**1.3 J**	**0.77 J**	**1.8 J**	**0.74 J**
N-Heptane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**35**	**1.2**	**0.69 J**	**0.73 J**
Hexane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	480	20	**5.6**	19
Matrix F										
Toluene	< 10	10 - 50	> 50	< 300	300 - 3000	> 3000	**2.2**	**1.3**	**2.1**	**1.3**
Volatile Organic Compounds (ug/m3)										
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)	ND (0.81)	ND (0.81)	ND (0.81)
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	ND (3.7)	ND (3.7)	ND (3.7)	ND (3.7)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	NA	NA	NA	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)	ND (0.81)	ND (0.81)	ND (0.81)
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
1,2-Dichlorotetrafluoroethane (CFC 114)	NA	NA	NA	NA	NA	NA	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
1,3-Butadiene	NA	NA	NA	NA	NA	NA	ND (0.44)	0.13 J	ND (0.44)	0.12 J
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,4-Dioxane	NA	NA	NA	NA	NA	NA	1.2 J	0.61 J	0.32 J	ND (18)
2-Butanone (Methyl Ethyl Ketone)	NA	NA	NA	NA	NA	NA	ND (1.5)	1.6	ND (1.5)	ND (1.5)
2-Chlorotoluene	NA	NA	NA	NA	NA	NA	ND (1)	ND (1)	ND (1)	ND (1)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2)	ND (2)
2-Phenylbutane (sec-Butylbenzene)	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	NA	NA	NA	NA	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2)	ND (2)
Acetone	NA	NA	NA	NA	NA	NA	ND (12)	20	11 J	13
Allyl chloride	NA	NA	NA	NA	NA	NA	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
Benzyl Chloride (alpha-Chlorotoluene)	NA	NA	NA	NA	NA	NA	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	NA	NA	NA	NA	NA	NA	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
Bromoform	NA	NA	NA	NA	NA	NA	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)
Bromomethane (Methyl Bromide)	NA	NA	NA	NA	NA	NA	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)
Butane	NA	NA	NA	NA	NA	NA	500	20	3.2	20
Carbon disulfide	NA	NA	NA	NA	NA	NA	0.5 J	0.74 J	0.95 J	0.48 J
Chlorobenzene	NA	NA	NA	NA	NA	NA	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	1.7 J	1.2 J	1.1 J	1.2 J
Chloroethane	NA	NA	NA	NA	NA	NA	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
Chloroform (Trichloromethane)	NA	NA	NA	NA	NA	NA	ND (0.98)	ND (0.98)	0.3 J	0.23 J
Chloromethane (Methyl Chloride)	NA	NA	NA	NA	NA	NA	0.78 J	1.4	0.34 J	1.5
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)	ND (0.91)	ND (0.91)	ND (0.91)
Cymene (p-Isopropyltoluene)	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
Dibromochloromethane	NA	NA	NA	NA	NA	NA	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	NA	NA	NA	2.1 J	2.2 J	2 J	2.1 J
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)
Isopropyl Alcohol (2-Propanol)	NA	NA	NA	NA	NA	NA	ND (12)	5.5 J	ND (12)	6.6 J
Isopropylbenzene (Cumene)	NA	NA	NA	NA	NA	NA	0.22 J	ND (0.98)	ND (0.98)	ND (0.98)
Methyl methacrylate	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2)	ND (2)
Methyl Tert Butyl Ether (MTBE)	NA	NA	NA	NA	NA	NA	ND (0.72)	ND (0.72)	ND (0.72)	ND (0.72)
n-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
n-Propylbenzene	NA	NA	NA	NA	NA	NA	0.44 J	ND (0.98)	ND (0.98)	ND (0.98)
Styrene	NA	NA	NA	NA	NA	NA	ND (0.85)	ND (0.85)	ND (0.85)	ND (0.85)
Tert-Butyl Alcohol (tert-Butanol)	NA	NA	NA	NA	NA	NA	ND (15)	ND (15)	ND (15)	ND (15)
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
Tetrahydrofuran	NA	NA	NA	NA	NA	NA	ND (15)	ND (15)	ND (15)	ND (15)
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	ND (0.79)	0.19 J	ND (0.79)	ND (0.79)
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)	ND (0.91)	ND (0.91)	ND (0.91)
Trichlorofluoromethane (CFC-11)	NA	NA	NA	NA	NA	NA	1 J	1.1	1 J	1.1
Trifluorotrichloroethane (Freon 113)	NA	NA	NA	NA	NA	NA	0.45 J	0.48 J	0.47 J	0.47 J
Vinyl Bromide (Bromoethene)	NA	NA	NA	NA	NA	NA	ND (0.87)	ND (0.87)	ND (0.87)	ND (0.87)

ABBREVIATIONS AND NOTES:

µg/m ^{3} : micrograms per cubic meter

J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
*- **Bold** text indicates detected concentration is in the Low range.*
- Blue highlighted text indicates detected concentration is in the Medium range.
- Orange highlighted text indicates a detected concentration is in the High range.

TABLE III
SUMMARY OF SOIL GAS AND AIR QUALITY DATA
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK
FILE NO. 0205125

Precharacterization Grid	Criteria									
Location Name	New York DOH Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			New York DOH Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			MP-4	IA-05	MP-5	IA-06
Sample Name							MP-4_20250312	IA-05_20250312	MP-5_20250312	IA-06_20250312
Sample Date							03/13/2025	03/13/2025	03/13/2025	03/13/2025
Lab Sample ID							200-77312-4	200-77312-11	200-77312-5	200-77312-12
Soil Description	**Range 1**	**Range 2**	**Range 3**	**Range 1**	**Range 2**	**Range 3**	Soil Gas	Indoor Air	Soil Gas	Indoor Air
Matrix A										
1,1-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2) J	ND (0.2)
Carbon tetrachloride	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	**0.39**	0.38	**0.41 J**	0.21 J
cis-1,2-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2) J	ND (0.2)
Trichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2) J	ND (0.2)
Matrix B										
1,1,1-Trichloroethane	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	ND (1.1)	ND (1.1)	ND (1.1) J	ND (1.1)
Tetrachloroethene	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**0.61 J**	**0.18 J**	ND (1.4) J	**0.18 J**
Methylene chloride (Dichloromethane)	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**0.9 J**	**0.68 J**	**0.67 J**	ND (1.7)
Matrix C										
Vinyl chloride	< 0.2	NA	> 0.2	< 6	6 - 60	> 60	ND (0.2)	ND (0.2)	ND (0.2) J	ND (0.2)
Matrix D										
Benzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**0.98**	**1.1**	**0.74 J**	**1.3**
Ethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**4.5**	**0.3 J**	**0.58 J**	ND (0.87)
Naphthalene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (2)	ND (2)	ND (2) J	ND (2)
Cyclohexane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**1.7**	**1.5**	**0.61 J**	2.1
2,2,4-Trimethylpentane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**3.7**	2.5	**0.96 J**	4.9
1,2,4-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**4.5**	**0.57 J**	**1.3 J**	**0.47 J**
1,3,5-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**1.7**	ND (0.98)	**0.3 J**	ND (0.98)
o-Xylene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**12**	**0.38 J**	**1 J**	**0.37 J**
Matrix E										
m,p-Xylenes	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**34**	**0.85 J**	**2.5 J**	**1.1 J**
N-Heptane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**0.87**	**0.67 J**	**0.66 J**	**1.1**
Hexane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**16**	17	**4.1 J**	21
Matrix F										
Toluene	< 10	10 - 50	> 50	< 300	300 - 3000	> 3000	**2.7**	**1.3**	**2.4 J**	**1.6**
Volatile Organic Compounds (ug/m3)										
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	ND (1.4)	ND (1.4)	ND (1.4) J	ND (1.4)
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1) J	ND (1.1)
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)	ND (0.81)	ND (0.81) J	ND (0.81)
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	ND (3.7)	ND (3.7)	ND (3.7) J	ND (3.7)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	NA	NA	NA	ND (1.5)	ND (1.5)	ND (1.5) J	ND (1.5)
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2) J	ND (1.2)
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)	ND (0.81)	ND (0.81) J	ND (0.81)
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	ND (0.92)	ND (0.92)	ND (0.92) J	ND (0.92)
1,2-Dichlorotetrafluoroethane (CFC 114)	NA	NA	NA	NA	NA	NA	ND (1.4)	ND (1.4)	ND (1.4) J	ND (1.4)
1,3-Butadiene	NA	NA	NA	NA	NA	NA	ND (0.44)	0.1 J	ND (0.44) J	0.13 J
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2) J	ND (1.2)
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)	ND (1.2)	ND (1.2) J	ND (1.2)
1,4-Dioxane	NA	NA	NA	NA	NA	NA	ND (18)	ND (18)	ND (18) J	ND (18)
2-Butanone (Methyl Ethyl Ketone)	NA	NA	NA	NA	NA	NA	ND (1.5)	ND (1.5)	ND (1.5) J	2
2-Chlorotoluene	NA	NA	NA	NA	NA	NA	ND (1)	ND (1)	ND (1) J	ND (1)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2) J	ND (2)
2-Phenylbutane (sec-Butylbenzene)	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1) J	ND (1.1)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	NA	NA	NA	NA	1.1	ND (0.98)	ND (0.98) J	ND (0.98)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2) J	ND (2)
Acetone	NA	NA	NA	NA	NA	NA	17	11 J	11 J	20
Allyl chloride	NA	NA	NA	NA	NA	NA	ND (1.6)	ND (1.6)	ND (1.6) J	ND (1.6)
Benzyl Chloride (alpha-Chlorotoluene)	NA	NA	NA	NA	NA	NA	ND (1)	ND (1)	ND (1) J	ND (1)
Bromodichloromethane	NA	NA	NA	NA	NA	NA	ND (1.3)	ND (1.3)	ND (1.3) J	ND (1.3)
Bromoform	NA	NA	NA	NA	NA	NA	ND (2.1)	ND (2.1)	ND (2.1) J	ND (2.1)
Bromomethane (Methyl Bromide)	NA	NA	NA	NA	NA	NA	ND (0.78)	ND (0.78)	ND (0.78) J	ND (0.78)
Butane	NA	NA	NA	NA	NA	NA	17	19	4.3 J	22
Carbon disulfide	NA	NA	NA	NA	NA	NA	0.44 J	ND (1.6)	ND (1.6) J	ND (1.6)
Chlorobenzene	NA	NA	NA	NA	NA	NA	ND (0.92)	ND (0.92)	ND (0.92) J	ND (0.92)
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	6.9	1.2 J	ND (1.8) J	1.2 J
Chloroethane	NA	NA	NA	NA	NA	NA	ND (1.3)	ND (1.3)	ND (1.3) J	ND (1.3)
Chloroform (Trichloromethane)	NA	NA	NA	NA	NA	NA	0.27 J	0.2 J	ND (0.98) J	0.23 J
Chloromethane (Methyl Chloride)	NA	NA	NA	NA	NA	NA	1.3	1.5	0.77 J	1.6
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)	ND (0.91)	ND (0.91) J	ND (0.91)
Cymene (p-Isopropyltoluene)	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1) J	ND (1.1)
Dibromochloromethane	NA	NA	NA	NA	NA	NA	ND (1.7)	ND (1.7)	ND (1.7) J	ND (1.7)
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	NA	NA	NA	2.3 J	2.2 J	2.1 J	2.2 J
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	ND (2.1)	ND (2.1)	ND (2.1) J	ND (2.1)
Isopropyl Alcohol (2-Propanol)	NA	NA	NA	NA	NA	NA	5.9 J	5.6 J	8.7 J	7.2 J
Isopropylbenzene (Cumene)	NA	NA	NA	NA	NA	NA	0.45 J	ND (0.98)	ND (0.98) J	ND (0.98)
Methyl methacrylate	NA	NA	NA	NA	NA	NA	ND (2)	ND (2)	ND (2) J	ND (2)
Methyl Tert Butyl Ether (MTBE)	NA	NA	NA	NA	NA	NA	ND (0.72)	ND (0.72)	ND (0.72) J	ND (0.72)
n-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1) J	ND (1.1)
n-Propylbenzene	NA	NA	NA	NA	NA	NA	0.67 J	ND (0.98)	ND (0.98) J	ND (0.98)
Styrene	NA	NA	NA	NA	NA	NA	ND (0.85)	ND (0.85)	ND (0.85) J	ND (0.85)
Tert-Butyl Alcohol (tert-Butanol)	NA	NA	NA	NA	NA	NA	ND (15)	ND (15)	ND (15) J	ND (15)
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)	ND (1.1)	ND (1.1) J	ND (1.1)
Tetrahydrofuran	NA	NA	NA	NA	NA	NA	ND (15)	ND (15)	12 J	ND (15)
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	ND (0.79)	ND (0.79)	0.72 J	ND (0.79)
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)	ND (0.91)	ND (0.91) J	ND (0.91)
Trichlorofluoromethane (CFC-11)	NA	NA	NA	NA	NA	NA	1.1	1.1	1 J	1.1
Trifluorotrichloroethane (Freon 113)	NA	NA	NA	NA	NA	NA	0.44 J	0.47 J	0.45 J	0.47 J
Vinyl Bromide (Bromoethene)	NA	NA	NA	NA	NA	NA	ND (0.87)	ND (0.87)	ND (0.87) J	ND (0.87)

ABBREVIATIONS AND NOTES:

µg/m ^{3} : micrograms per cubic meter

J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
*- **Bold** text indicates detected concentration is in the Low range.*
- Blue highlighted text indicates detected concentration is in the Medium range.
- Orange highlighted text indicates a detected concentration is in the High range.

TABLE III
SUMMARY OF SOIL GAS AND AIR QUALITY DATA
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK
FILE NO. 0205125

Precharacterization Grid	Criteria						
Location Name	New York DOH Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			New York DOH Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion			MP-6
Sample Name							MP-6_20250312
Sample Date							03/13/2025
Lab Sample ID							200-77312-6
Soil Description	**Range 1**	**Range 2**	**Range 3**	**Range 1**	**Range 2**	**Range 3**	Soil Gas
Matrix A							
1,1-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)
Carbon tetrachloride	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	**0.39**
cis-1,2-Dichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)
Trichloroethene	< 0.2	0.2 - 1	> 1	< 6	6 - 60	> 60	ND (0.2)
Matrix B							
1,1,1-Trichloroethane	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	ND (1.1)
Tetrachloroethene	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**0.56 J**
Methylene chloride (Dichloromethane)	< 3	3 - 10	> 10	< 100	100 - 1000	> 1000	**0.99 J**
Matrix C							
Vinyl chloride	< 0.2	NA	> 0.2	< 6	6 - 60	> 60	ND (0.2)
Matrix D							
Benzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**1.1**
Ethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**0.39 J**
Naphthalene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (2)
Cyclohexane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**1.9**
2,2,4-Trimethylpentane	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**4.5**
1,2,4-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**0.67 J**
1,3,5-Trimethylbenzene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	ND (0.98)
o-Xylene	< 2	2 - 10	> 10	< 60	60 - 600	> 600	**0.61 J**
Matrix E							
m,p-Xylenes	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**1.6 J**
N-Heptane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**0.96**
Hexane	< 6	6 - 20	> 20	< 200	200 - 2000	> 2000	**17**
Matrix F							
Toluene	< 10	10 - 50	> 50	< 300	300 - 3000	> 3000	**1.9**
Volatile Organic Compounds (ug/m3)							
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	ND (1.4)
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	ND (1.1)
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	ND (3.7)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	NA	NA	NA	ND (1.5)
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	ND (0.81)
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	ND (0.92)
1,2-Dichlorotetrafluoroethane (CFC 114)	NA	NA	NA	NA	NA	NA	ND (1.4)
1,3-Butadiene	NA	NA	NA	NA	NA	NA	ND (0.44)
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	ND (1.2)
1,4-Dioxane	NA	NA	NA	NA	NA	NA	ND (18)
2-Butanone (Methyl Ethyl Ketone)	NA	NA	NA	NA	NA	NA	1.5
2-Chlorotoluene	NA	NA	NA	NA	NA	NA	ND (1)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)
2-Phenylbutane (sec-Butylbenzene)	NA	NA	NA	NA	NA	NA	ND (1.1)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	NA	NA	NA	NA	ND (0.98)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	NA	NA	NA	ND (2)
Acetone	NA	NA	NA	NA	NA	NA	24
Allyl chloride	NA	NA	NA	NA	NA	NA	ND (1.6)
Benzyl Chloride (alpha-Chlorotoluene)	NA	NA	NA	NA	NA	NA	ND (1)
Bromodichloromethane	NA	NA	NA	NA	NA	NA	ND (1.3)
Bromoform	NA	NA	NA	NA	NA	NA	ND (2.1)
Bromomethane (Methyl Bromide)	NA	NA	NA	NA	NA	NA	ND (0.78)
Butane	NA	NA	NA	NA	NA	NA	18
Carbon disulfide	NA	NA	NA	NA	NA	NA	ND (1.6)
Chlorobenzene	NA	NA	NA	NA	NA	NA	ND (0.92)
Chlorodifluoromethane	NA	NA	NA	NA	NA	NA	2.8
Chloroethane	NA	NA	NA	NA	NA	NA	ND (1.3)
Chloroform (Trichloromethane)	NA	NA	NA	NA	NA	NA	0.48 J
Chloromethane (Methyl Chloride)	NA	NA	NA	NA	NA	NA	1.2
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)
Cymene (p-Isopropyltoluene)	NA	NA	NA	NA	NA	NA	ND (1.1)
Dibromochloromethane	NA	NA	NA	NA	NA	NA	ND (1.7)
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	NA	NA	NA	2.3 J
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	ND (2.1)
Isopropyl Alcohol (2-Propanol)	NA	NA	NA	NA	NA	NA	5.9 J
Isopropylbenzene (Cumene)	NA	NA	NA	NA	NA	NA	ND (0.98)
Methyl methacrylate	NA	NA	NA	NA	NA	NA	ND (2)
Methyl Tert Butyl Ether (MTBE)	NA	NA	NA	NA	NA	NA	ND (0.72)
n-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)
n-Propylbenzene	NA	NA	NA	NA	NA	NA	ND (0.98)
Styrene	NA	NA	NA	NA	NA	NA	ND (0.85)
Tert-Butyl Alcohol (tert-Butanol)	NA	NA	NA	NA	NA	NA	ND (15)
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	ND (1.1)
Tetrahydrofuran	NA	NA	NA	NA	NA	NA	ND (15)
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	ND (0.79)
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ND (0.91)
Trichlorofluoromethane (CFC-11)	NA	NA	NA	NA	NA	NA	1.1
Trifluorotrichloroethane (Freon 113)	NA	NA	NA	NA	NA	NA	0.53 J
Vinyl Bromide (Bromoethene)	NA	NA	NA	NA	NA	NA	ND (0.87)

ABBREVIATIONS AND NOTES:

$\mu g/m^3$: micrograms per cubic meter

J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
*- **Bold** text indicates detected concentration is in the Low range.*
- Blue highlighted text indicates detected concentration is in the Medium range.
- Orange highlighted text indicates a detected concentration is in the High range.

FIGURES

LEGEND

- COMMUTER RAIL LINE
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2023

N

0 40 80

SCALE IN FEET

HALEY ALDRICH

1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

SITE PLAN

JANUARY 2024

FIGURE 1

GIS: \\haleyaldrich\share\CF\Projects\0205125\GIS\Mxd\2024_0112\05125_001_0002_SITE_PLAN.mxd - mmjones - 1/12/2024 1:30:21 PM

MW-06	03/14/2024 460-300167-1	03/14/2024 460-300167-6	07/19/2024 460-308013-3	09/10/2024 460-311225-1	09/10/2024 460-311225-4	03/12/2025 460-322068-3
Tetrachloroethene	52	57	77	84	83	59

MW-08	03/14/2024 460-300167-3	07/19/2024 460-308013-1	09/10/2024 460-311225-3	03/12/2025 460-322068-1
Tetrachloroethene	8.2	1.8	1.4	1.7

MW-07	03/14/2024 460-300167-2	07/19/2024 460-308013-2	07/19/2024 460-308013-4	09/10/2024 460-311225-2	03/12/2025 460-322068-2	03/12/2025 460-322068-4
Tetrachloroethene	26	46	42	42	45	44

LEGEND

- MONITORING WELL
- COMMUTER RAIL LINE
- SITE BOUNDARY
- PARCEL BOUNDARY

Analyte	Units	AWQS
Volatile Organic Compounds (VOCs)		
Tetrachloroethene	µg/L	5

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHINCAL AND OPERATION GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS (AWQS).
3. ONLY ANALYTES THAT EXCEED CRITERIA ARE SHOWN ON FIGURE.
4. RESULTS SHADED GRAY EXCEED THE NYSDEC AWQS.
5. RESULTS ARE DISPLAYED IN MICROGRAMS PER LITER (µg/L).
6. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
7. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2023

N

0 20 40
SCALE IN FEET

HALEY ALDRICH

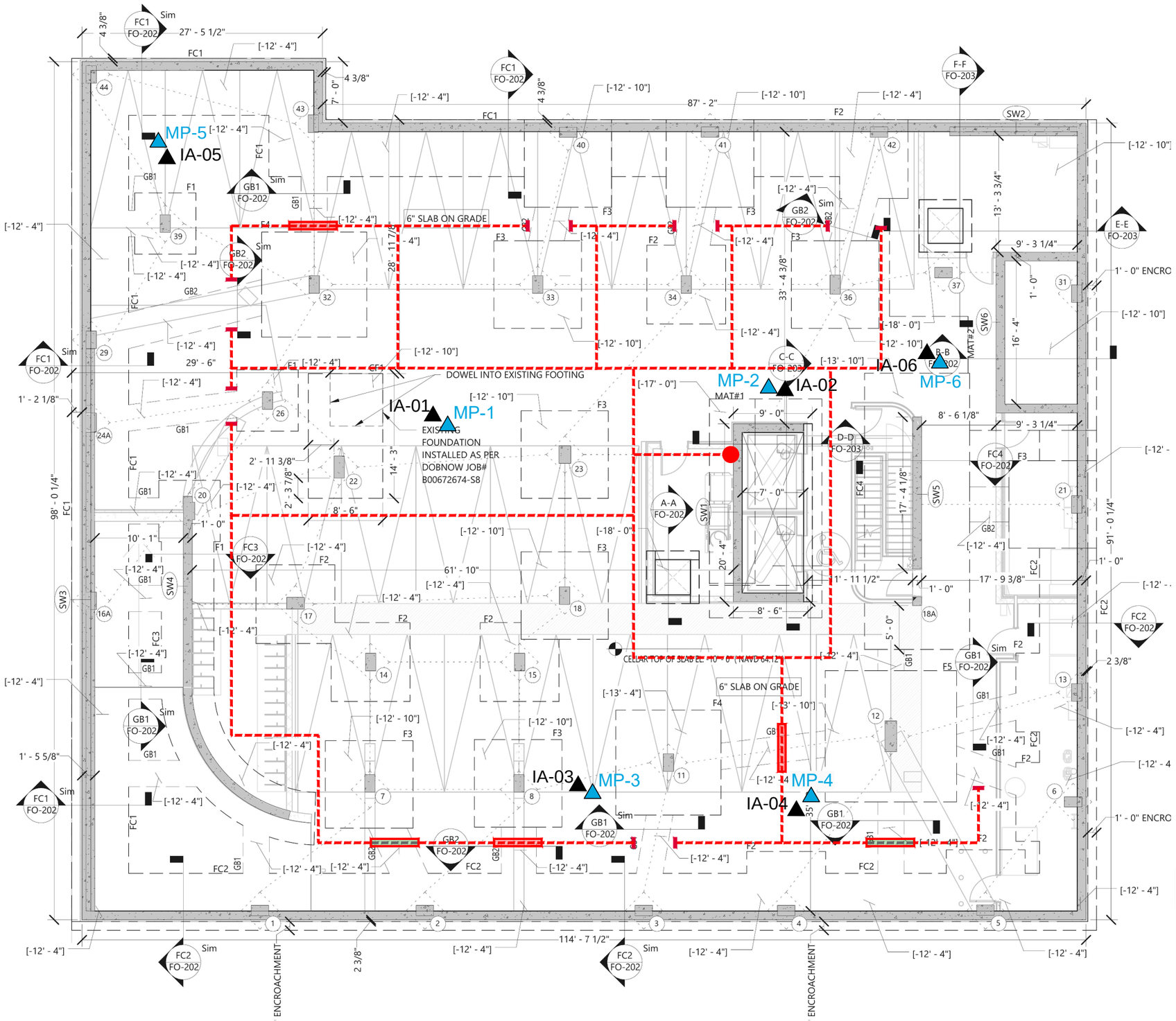
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

POST REMEDY GROUNDWATER EXCEEDANCES

MAY 2025

FIGURE 2

GIS: \\haleyaldrich\share\CF\Projects\0205125\GIS\Maps\2024_10\205125_001_0003_GROUNDWATER_EXCEEDANCES_2024_Q3.mxd - khensen - 5/1/2025 3:18:42 PM



LEGEND

- MP-1 ▲ SUB-SLAB MONITORING POINT
- 4" PERFORATED PVC PIPE
- 4" SOLID PVC END CAP
- 4" CAST IRON VERTICAL RISER PIPE
- PIPE SLEEVES THROUGH GRADE BEAM
- PIPE SLEEVES UNDER GRADE BEAM
- IA-01 ▲ INDOOR AIR SAMPLE

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. BASEMENT LAYOUT FROM FOUNDATION/CELLAR FLOOR PLAN, DRAWING FO-101.00, DATED 2 AUGUST 2023 BY J FRANKL ARCHITECTS.

HALEY ALDRICH

1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

SUB-SLAB DEPRESSURIZATION SYSTEM AS-BUILT AND SVI SAMPLING LOCATIONS

SCALE: AS SHOWN
MARCH 2025

FIGURE 3

Saved by: KPOSTOLOWSKI Printed: 1/29/2024 10:10 AM Sheet: SSDS-FIG 11
\\HALEYALDRICH.COM\SHARE\CF\PROJECTS\0020\125\CAD\0020125 000 0008 SSDS SYSTEM AS-BUILT PLANS.DWG

APPENDIX A
March 2025 Laboratory Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich, Inc.
213 West 35th St
New York, New York 10001

Generated 3/18/2025 10:34:08 PM

JOB DESCRIPTION

1885 Atlantic Avenue, Brooklyn

JOB NUMBER

460-322068-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	Duplicate RPD exceeds control limits
*	MS or MSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 460-322068-1 Eurofins Edison

Job Narrative
460-322068-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 3/12/2025 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.9°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1026344 was outside the method criteria for the following analytes: Dichlorodifluoromethane and Ethylene Dibromide. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-322068-1

Client Sample ID: MW-08_03122025 — Lab Sample ID: 460-322068-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.7		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: MW-07_03122025 — Lab Sample ID: 460-322068-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.82	J	1.0	0.33	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.39	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	45		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.53		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-06_03122025 — Lab Sample ID: 460-322068-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.1		1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.54	J	1.0	0.48	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.28	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	59		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.74		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-01_03122025 — Lab Sample ID: 460-322068-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloroethane	0.21	J	0.58	0.19	ug/L	1		8260D	Total/NA
Chloroform	0.72	J	1.0	0.33	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.39	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	44		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.72		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: FB-01_03122025 — Lab Sample ID: 460-322068-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.56	J	1.0	0.38	ug/L	1		8260D	Total/NA

Client Sample ID: TB-01_03122025 — Lab Sample ID: 460-322068-6

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: MW-08_03122025
Lab Sample ID: 460-322068-1
Date Collected: 03/12/25 11:35
Matrix: Water
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/18/25 03:03	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			03/18/25 03:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/18/25 03:03	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			03/18/25 03:03	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/18/25 03:03	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/18/25 03:03	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/18/25 03:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:03	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/18/25 03:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/18/25 03:03	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			03/18/25 03:03	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			03/18/25 03:03	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/18/25 03:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/18/25 03:03	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			03/18/25 03:03	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/18/25 03:03	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/18/25 03:03	1
Acetone	5.0	U	5.0	4.4	ug/L			03/18/25 03:03	1
Benzene	0.45	U	0.45	0.070	ug/L			03/18/25 03:03	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/18/25 03:03	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/18/25 03:03	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/18/25 03:03	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/18/25 03:03	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/18/25 03:03	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/18/25 03:03	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			03/18/25 03:03	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/18/25 03:03	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/18/25 03:03	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/18/25 03:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			03/18/25 03:03	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			03/18/25 03:03	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/18/25 03:03	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			03/18/25 03:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/18/25 03:03	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/18/25 03:03	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/18/25 03:03	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:03	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/18/25 03:03	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/18/25 03:03	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/18/25 03:03	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			03/18/25 03:03	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/18/25 03:03	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 03:03	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 03:03	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/18/25 03:03	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:03	1
Styrene	1.0	U	1.0	0.42	ug/L			03/18/25 03:03	1

Client Sample ID: MW-08_03122025
Lab Sample ID: 460-322068-1
Date Collected: 03/12/25 11:35
Matrix: Water
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:03	1
Tetrachloroethene	**1.7**		0.40	0.28	ug/L			03/18/25 03:03	1
Toluene	1.0	U	1.0	0.38	ug/L			03/18/25 03:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/18/25 03:03	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			03/18/25 03:03	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			03/18/25 03:03	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/18/25 03:03	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			03/18/25 03:03	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/18/25 03:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*		*03/18/25 03:03*	*1*
4-Bromofluorobenzene	*113*		*76 - 120*		*03/18/25 03:03*	*1*
Dibromofluoromethane (Surr)	*84*		*77 - 132*		*03/18/25 03:03*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/18/25 03:03*	*1*

Client Sample ID: MW-07_03122025
Lab Sample ID: 460-322068-2
Date Collected: 03/12/25 13:35
Matrix: Water
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/18/25 03:27	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			03/18/25 03:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/18/25 03:27	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			03/18/25 03:27	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/18/25 03:27	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/18/25 03:27	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/18/25 03:27	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:27	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:27	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/18/25 03:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/18/25 03:27	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			03/18/25 03:27	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			03/18/25 03:27	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/18/25 03:27	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/18/25 03:27	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			03/18/25 03:27	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/18/25 03:27	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/18/25 03:27	1
Acetone	5.0	U	5.0	4.4	ug/L			03/18/25 03:27	1
Benzene	0.45	U	0.45	0.070	ug/L			03/18/25 03:27	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/18/25 03:27	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/18/25 03:27	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/18/25 03:27	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/18/25 03:27	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/18/25 03:27	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/18/25 03:27	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			03/18/25 03:27	1

Client Sample ID: MW-07_03122025
Lab Sample ID: 460-322068-2
Date Collected: 03/12/25 13:35
Matrix: Water
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			03/18/25 03:27	1
Chloroform	**0.82**	**J**	1.0	0.33	ug/L			03/18/25 03:27	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/18/25 03:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			03/18/25 03:27	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			03/18/25 03:27	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/18/25 03:27	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			03/18/25 03:27	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/18/25 03:27	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/18/25 03:27	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/18/25 03:27	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:27	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/18/25 03:27	1
Methyl tert-butyl ether	**0.39**	**J**	1.0	0.22	ug/L			03/18/25 03:27	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/18/25 03:27	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			03/18/25 03:27	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/18/25 03:27	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 03:27	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 03:27	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/18/25 03:27	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:27	1
Styrene	1.0	U	1.0	0.42	ug/L			03/18/25 03:27	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:27	1
Tetrachloroethene	**45**		0.40	0.28	ug/L			03/18/25 03:27	1
Toluene	1.0	U	1.0	0.38	ug/L			03/18/25 03:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/18/25 03:27	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			03/18/25 03:27	1
Trichloroethene	**0.53**		0.28	0.074	ug/L			03/18/25 03:27	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/18/25 03:27	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			03/18/25 03:27	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/18/25 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*03/18/25 03:27*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*03/18/25 03:27*	*1*
Dibromofluoromethane (Surr)	*80*		*77 - 132*		*03/18/25 03:27*	*1*
Toluene-d8 (Surr)	*87*		*80 - 120*		*03/18/25 03:27*	*1*

Client Sample ID: MW-06_03122025
Lab Sample ID: 460-322068-3
Date Collected: 03/12/25 15:10
Matrix: Water
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/18/25 03:51	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			03/18/25 03:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/18/25 03:51	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			03/18/25 03:51	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/18/25 03:51	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/18/25 03:51	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/18/25 03:51	1

Client: Haley & Aldrich, Inc.
Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: MW-06_03122025
Lab Sample ID: 460-322068-3
Date Collected: 03/12/25 15:10
Matrix: Water
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:51	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:51	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/18/25 03:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/18/25 03:51	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			03/18/25 03:51	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			03/18/25 03:51	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/18/25 03:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/18/25 03:51	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			03/18/25 03:51	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/18/25 03:51	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/18/25 03:51	1
Acetone	5.0	U	5.0	4.4	ug/L			03/18/25 03:51	1
Benzene	0.45	U	0.45	0.070	ug/L			03/18/25 03:51	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/18/25 03:51	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/18/25 03:51	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/18/25 03:51	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/18/25 03:51	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/18/25 03:51	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/18/25 03:51	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			03/18/25 03:51	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/18/25 03:51	1
Chloroform	**1.1**		1.0	0.33	ug/L			03/18/25 03:51	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/18/25 03:51	1
cis-1,2-Dichloroethene	**0.54**	**J**	1.0	0.48	ug/L			03/18/25 03:51	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			03/18/25 03:51	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/18/25 03:51	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			03/18/25 03:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/18/25 03:51	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/18/25 03:51	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/18/25 03:51	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:51	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/18/25 03:51	1
Methyl tert-butyl ether	**0.28**	**J**	1.0	0.22	ug/L			03/18/25 03:51	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/18/25 03:51	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			03/18/25 03:51	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/18/25 03:51	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 03:51	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 03:51	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/18/25 03:51	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:51	1
Styrene	1.0	U	1.0	0.42	ug/L			03/18/25 03:51	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:51	1
Tetrachloroethene	**59**		0.40	0.28	ug/L			03/18/25 03:51	1
Toluene	1.0	U	1.0	0.38	ug/L			03/18/25 03:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/18/25 03:51	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			03/18/25 03:51	1
Trichloroethene	**0.74**		0.28	0.074	ug/L			03/18/25 03:51	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/18/25 03:51	1

Client Sample ID: MW-06_03122025
Lab Sample ID: 460-322068-3

Date Collected: 03/12/25 15:10
Matrix: Water
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.40	ug/L			03/18/25 03:51	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/18/25 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*		*03/18/25 03:51*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*03/18/25 03:51*	*1*
Dibromofluoromethane (Surr)	*86*		*77 - 132*		*03/18/25 03:51*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*03/18/25 03:51*	*1*

Client Sample ID: DUP-01_03122025
Lab Sample ID: 460-322068-4

Date Collected: 03/12/25 13:40
Matrix: Water
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/18/25 04:15	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			03/18/25 04:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/18/25 04:15	1
1,1,2-Trichloroethane	**0.21**	**J**	0.58	0.19	ug/L			03/18/25 04:15	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/18/25 04:15	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/18/25 04:15	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/18/25 04:15	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/18/25 04:15	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 04:15	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/18/25 04:15	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/18/25 04:15	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			03/18/25 04:15	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			03/18/25 04:15	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/18/25 04:15	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/18/25 04:15	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/18/25 04:15	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			03/18/25 04:15	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/18/25 04:15	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/18/25 04:15	1
Acetone	5.0	U	5.0	4.4	ug/L			03/18/25 04:15	1
Benzene	0.45	U	0.45	0.070	ug/L			03/18/25 04:15	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/18/25 04:15	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/18/25 04:15	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/18/25 04:15	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/18/25 04:15	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/18/25 04:15	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/18/25 04:15	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			03/18/25 04:15	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/18/25 04:15	1
Chloroform	**0.72**	**J**	1.0	0.33	ug/L			03/18/25 04:15	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/18/25 04:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			03/18/25 04:15	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			03/18/25 04:15	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/18/25 04:15	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			03/18/25 04:15	1

Client Sample ID: DUP-01_03122025
Lab Sample ID: 460-322068-4

Date Collected: 03/12/25 13:40
Matrix: Water
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/18/25 04:15	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/18/25 04:15	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/18/25 04:15	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 04:15	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/18/25 04:15	1
Methyl tert-butyl ether	**0.39**	**J**	1.0	0.22	ug/L			03/18/25 04:15	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/18/25 04:15	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			03/18/25 04:15	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/18/25 04:15	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 04:15	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 04:15	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/18/25 04:15	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 04:15	1
Styrene	1.0	U	1.0	0.42	ug/L			03/18/25 04:15	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 04:15	1
Tetrachloroethene	**44**		0.40	0.28	ug/L			03/18/25 04:15	1
Toluene	1.0	U	1.0	0.38	ug/L			03/18/25 04:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/18/25 04:15	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			03/18/25 04:15	1
Trichloroethene	**0.72**		0.28	0.074	ug/L			03/18/25 04:15	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/18/25 04:15	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			03/18/25 04:15	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/18/25 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*03/18/25 04:15*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*03/18/25 04:15*	*1*
Dibromofluoromethane (Surr)	*81*		*77 - 132*		*03/18/25 04:15*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*03/18/25 04:15*	*1*

Client Sample ID: FB-01_03122025
Lab Sample ID: 460-322068-5

Date Collected: 03/12/25 15:20
Matrix: Water
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/17/25 22:59	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			03/17/25 22:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/17/25 22:59	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			03/17/25 22:59	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/17/25 22:59	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/17/25 22:59	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/17/25 22:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/17/25 22:59	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/17/25 22:59	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/17/25 22:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/17/25 22:59	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			03/17/25 22:59	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			03/17/25 22:59	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/17/25 22:59	1

Client: Haley & Aldrich, Inc.
Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: FB-01_03122025
Lab Sample ID: 460-322068-5
Date Collected: 03/12/25 15:20
Matrix: Water
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/17/25 22:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/17/25 22:59	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			03/17/25 22:59	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/17/25 22:59	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/17/25 22:59	1
Acetone	5.0	U	5.0	4.4	ug/L			03/17/25 22:59	1
Benzene	0.45	U	0.45	0.070	ug/L			03/17/25 22:59	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/17/25 22:59	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/17/25 22:59	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/17/25 22:59	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/17/25 22:59	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/17/25 22:59	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/17/25 22:59	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			03/17/25 22:59	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/17/25 22:59	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/17/25 22:59	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/17/25 22:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			03/17/25 22:59	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			03/17/25 22:59	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/17/25 22:59	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			03/17/25 22:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/17/25 22:59	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/17/25 22:59	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/17/25 22:59	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/17/25 22:59	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/17/25 22:59	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/17/25 22:59	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/17/25 22:59	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			03/17/25 22:59	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/17/25 22:59	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/17/25 22:59	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/17/25 22:59	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/17/25 22:59	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/17/25 22:59	1
Styrene	1.0	U	1.0	0.42	ug/L			03/17/25 22:59	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/17/25 22:59	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			03/17/25 22:59	1
Toluene	**0.56**	**J**	1.0	0.38	ug/L			03/17/25 22:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/17/25 22:59	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			03/17/25 22:59	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			03/17/25 22:59	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/17/25 22:59	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			03/17/25 22:59	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/17/25 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*		*03/17/25 22:59*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*03/17/25 22:59*	*1*
Dibromofluoromethane (Surr)	*85*		*77 - 132*		*03/17/25 22:59*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*03/17/25 22:59*	*1*

Client: Haley & Aldrich, Inc.
Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: TB-01_03122025
Lab Sample ID: 460-322068-6
Date Collected: 03/12/25 15:25
Matrix: Water
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/17/25 23:24	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			03/17/25 23:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/17/25 23:24	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			03/17/25 23:24	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/17/25 23:24	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/17/25 23:24	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/17/25 23:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/17/25 23:24	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/17/25 23:24	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/17/25 23:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/17/25 23:24	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			03/17/25 23:24	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			03/17/25 23:24	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/17/25 23:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/17/25 23:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/17/25 23:24	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			03/17/25 23:24	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/17/25 23:24	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/17/25 23:24	1
Acetone	5.0	U	5.0	4.4	ug/L			03/17/25 23:24	1
Benzene	0.45	U	0.45	0.070	ug/L			03/17/25 23:24	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/17/25 23:24	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/17/25 23:24	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/17/25 23:24	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/17/25 23:24	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/17/25 23:24	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/17/25 23:24	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			03/17/25 23:24	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/17/25 23:24	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/17/25 23:24	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/17/25 23:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			03/17/25 23:24	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			03/17/25 23:24	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/17/25 23:24	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			03/17/25 23:24	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/17/25 23:24	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/17/25 23:24	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/17/25 23:24	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/17/25 23:24	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/17/25 23:24	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/17/25 23:24	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/17/25 23:24	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			03/17/25 23:24	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/17/25 23:24	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/17/25 23:24	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/17/25 23:24	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/17/25 23:24	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/17/25 23:24	1
Styrene	1.0	U	1.0	0.42	ug/L			03/17/25 23:24	1

Client: Haley & Aldrich, Inc.
Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: TB-01_03122025
Lab Sample ID: 460-322068-6
Date Collected: 03/12/25 15:25
Matrix: Water
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/17/25 23:24	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			03/17/25 23:24	1
Toluene	1.0	U	1.0	0.38	ug/L			03/17/25 23:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/17/25 23:24	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			03/17/25 23:24	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			03/17/25 23:24	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/17/25 23:24	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			03/17/25 23:24	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/17/25 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*		*03/17/25 23:24*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*03/17/25 23:24*	*1*
Dibromofluoromethane (Surr)	*82*		*77 - 132*		*03/17/25 23:24*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*03/17/25 23:24*	*1*

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-322068-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-322068-1	MW-08_03122025	89	113	84	94
460-322068-1 MS	MW-08_03122025	91	105	80	88
460-322068-1 MSD	MW-08_03122025	90	105	83	89
460-322068-2	MW-07_03122025	86	106	80	87
460-322068-3	MW-06_03122025	89	106	86	93
460-322068-4	DUP-01_03122025	86	100	81	88
460-322068-5	FB-01_03122025	93	102	85	93
460-322068-6	TB-01_03122025	90	103	82	91
LCS 460-1026344/4	Lab Control Sample	92	106	84	95
MB 460-1026344/9	Method Blank	90	103	81	92

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1026344/9
Matrix: Water
Analysis Batch: 1026344

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/17/25 21:46	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			03/17/25 21:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/17/25 21:46	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			03/17/25 21:46	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/17/25 21:46	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/17/25 21:46	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/17/25 21:46	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/17/25 21:46	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/17/25 21:46	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/17/25 21:46	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/17/25 21:46	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			03/17/25 21:46	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			03/17/25 21:46	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/17/25 21:46	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/17/25 21:46	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/17/25 21:46	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			03/17/25 21:46	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/17/25 21:46	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/17/25 21:46	1
Acetone	5.0	U	5.0	4.4	ug/L			03/17/25 21:46	1
Benzene	0.45	U	0.45	0.070	ug/L			03/17/25 21:46	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/17/25 21:46	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/17/25 21:46	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/17/25 21:46	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/17/25 21:46	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/17/25 21:46	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/17/25 21:46	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			03/17/25 21:46	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/17/25 21:46	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/17/25 21:46	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/17/25 21:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			03/17/25 21:46	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			03/17/25 21:46	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/17/25 21:46	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			03/17/25 21:46	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/17/25 21:46	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/17/25 21:46	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/17/25 21:46	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/17/25 21:46	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/17/25 21:46	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/17/25 21:46	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/17/25 21:46	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			03/17/25 21:46	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/17/25 21:46	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/17/25 21:46	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/17/25 21:46	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/17/25 21:46	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/17/25 21:46	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1026344/9
Matrix: Water
Analysis Batch: 1026344

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			03/17/25 21:46	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/17/25 21:46	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			03/17/25 21:46	1
Toluene	1.0	U	1.0	0.38	ug/L			03/17/25 21:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/17/25 21:46	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			03/17/25 21:46	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			03/17/25 21:46	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/17/25 21:46	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			03/17/25 21:46	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/17/25 21:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*		*03/17/25 21:46*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*03/17/25 21:46*	*1*
Dibromofluoromethane (Surr)	*81*		*77 - 132*		*03/17/25 21:46*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*03/17/25 21:46*	*1*

Lab Sample ID: LCS 460-1026344/4
Matrix: Water
Analysis Batch: 1026344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	18.2		ug/L		91	72 - 128
1,1,2,2-Tetrachloroethane	20.0	22.3		ug/L		111	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	13.0		ug/L		65	65 - 142
1,1,2-Trichloroethane	20.0	22.8		ug/L		114	74 - 125
1,1-Dichloroethane	20.0	22.2		ug/L		111	73 - 130
1,1-Dichloroethene	20.0	13.9		ug/L		69	68 - 133
1,2,3-Trichlorobenzene	20.0	15.6		ug/L		78	55 - 150
1,2,4-Trichlorobenzene	20.0	18.1		ug/L		91	67 - 132
1,2,4-Trimethylbenzene	20.0	19.5		ug/L		98	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	20.0		ug/L		100	58 - 132
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	80 - 120
1,2-Dichloroethane	20.0	20.0		ug/L		100	66 - 129
1,2-Dichloropropane	20.0	21.2		ug/L		106	72 - 128
1,3,5-Trimethylbenzene	20.0	19.6		ug/L		98	75 - 125
1,3-Dichlorobenzene	20.0	19.0		ug/L		95	80 - 120
1,4-Dichlorobenzene	20.0	18.2		ug/L		91	80 - 120
2-Butanone (MEK)	100	92.9		ug/L		93	65 - 142
2-Hexanone	100	115		ug/L		115	72 - 134
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	77 - 130
Acetone	100	64.9		ug/L		65	60 - 133
Benzene	20.0	17.8		ug/L		89	71 - 126
Bromoform	20.0	19.2		ug/L		96	58 - 128
Bromomethane	20.0	14.3		ug/L		71	33 - 150
Carbon disulfide	20.0	14.8		ug/L		74	35 - 150
Carbon tetrachloride	20.0	17.4		ug/L		87	65 - 131
Chlorobenzene	20.0	18.9		ug/L		94	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1026344/4
Matrix: Water
Analysis Batch: 1026344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	16.6		ug/L		83	71 - 134
Chlorodibromomethane	20.0	18.4		ug/L		92	73 - 121
Chloroethane	20.0	16.4		ug/L		82	54 - 150
Chloroform	20.0	21.5		ug/L		107	78 - 125
Chloromethane	20.0	14.3		ug/L		72	43 - 149
cis-1,2-Dichloroethene	20.0	20.1		ug/L		100	78 - 121
cis-1,3-Dichloropropene	20.0	22.6		ug/L		113	74 - 125
Cyclohexane	20.0	17.6		ug/L		88	64 - 142
Dichlorobromomethane	20.0	21.2		ug/L		106	76 - 121
Dichlorodifluoromethane	20.0	9.75		ug/L		49	38 - 144
Ethylbenzene	20.0	18.9		ug/L		95	78 - 120
Ethylene Dibromide	20.0	21.1		ug/L		105	79 - 126
Isopropylbenzene	20.0	19.2		ug/L		96	79 - 125
Methyl acetate	40.0	43.7		ug/L		109	50 - 147
Methyl tert-butyl ether	20.0	22.0		ug/L		110	72 - 131
Methylcyclohexane	20.0	15.8		ug/L		79	63 - 138
Methylene Chloride	20.0	19.6		ug/L		98	74 - 127
m-Xylene & p-Xylene	20.0	19.8		ug/L		99	78 - 120
n-Butylbenzene	20.0	20.2		ug/L		101	69 - 135
N-Propylbenzene	20.0	21.3		ug/L		106	68 - 129
o-Xylene	20.0	19.4		ug/L		97	78 - 120
sec-Butylbenzene	20.0	18.9		ug/L		95	77 - 129
Styrene	20.0	22.0		ug/L		110	82 - 127
tert-Butylbenzene	20.0	17.7		ug/L		88	78 - 120
Tetrachloroethene	20.0	15.5		ug/L		78	70 - 127
Toluene	20.0	19.1		ug/L		95	78 - 120
trans-1,2-Dichloroethene	20.0	18.9		ug/L		95	70 - 126
trans-1,3-Dichloropropene	20.0	21.7		ug/L		109	71 - 127
Trichloroethene	20.0	16.9		ug/L		84	73 - 121
Trichlorofluoromethane	20.0	13.4		ug/L		67	62 - 134
Vinyl chloride	20.0	14.1		ug/L		71	55 - 144
Xylenes, Total	40.0	39.1		ug/L		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*
4-Bromofluorobenzene	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*84*		*77 - 132*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: 460-322068-1 MS
Matrix: Water
Analysis Batch: 1026344

Client Sample ID: MW-08_03122025
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	19.2		ug/L		96	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	20.2		ug/L		101	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	14.0		ug/L		70	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	19.7		ug/L		98	74 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-322068-1 MS
Matrix: Water
Analysis Batch: 1026344

Client Sample ID: MW-08_03122025
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	1.0	U	20.0	21.7		ug/L		109	73 - 130
1,1-Dichloroethene	1.0	U	20.0	14.3		ug/L		72	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	13.0		ug/L		65	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	16.2		ug/L		81	67 - 132
1,2,4-Trimethylbenzene	1.0	U	20.0	20.8		ug/L		104	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	16.8		ug/L		84	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	17.3		ug/L		86	80 - 120
1,2-Dichloroethane	0.30	U	20.0	18.6		ug/L		93	66 - 129
1,2-Dichloropropane	0.92	U	20.0	19.0		ug/L		95	72 - 128
1,3,5-Trimethylbenzene	1.0	U	20.0	17.9		ug/L		89	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	17.6		ug/L		88	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	16.5		ug/L		82	80 - 120
2-Butanone (MEK)	5.0	U	100	76.6		ug/L		77	65 - 142
2-Hexanone	5.0	U	100	104		ug/L		104	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	100		ug/L		100	77 - 130
Acetone	5.0	U	100	61.2		ug/L		61	60 - 133
Benzene	0.45	U	20.0	15.8		ug/L		79	71 - 126
Bromoform	1.0	U	20.0	17.4		ug/L		87	58 - 128
Bromomethane	1.0	U	20.0	16.5		ug/L		82	33 - 150
Carbon disulfide	1.0	U	20.0	9.91		ug/L		50	35 - 150
Carbon tetrachloride	1.0	U	20.0	18.1		ug/L		91	65 - 131
Chlorobenzene	1.0	U	20.0	17.9		ug/L		89	80 - 120
Chlorobromomethane	1.0	U	20.0	15.8		ug/L		79	71 - 134
Chlorodibromomethane	0.78	U	20.0	15.4		ug/L		77	73 - 121
Chloroethane	1.0	U	20.0	17.7		ug/L		88	54 - 150
Chloroform	1.0	U	20.0	20.4		ug/L		102	78 - 125
Chloromethane	1.0	U	20.0	17.1		ug/L		85	43 - 149
cis-1,2-Dichloroethene	1.0	U	20.0	18.6		ug/L		93	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	19.0		ug/L		95	74 - 125
Cyclohexane	1.0	U	20.0	15.1		ug/L		76	64 - 142
Dichlorobromomethane	0.98	U	20.0	21.6		ug/L		108	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	10.5		ug/L		53	38 - 144
Ethylbenzene	1.0	U	20.0	19.1		ug/L		95	78 - 120
Ethylene Dibromide	1.0	U	20.0	16.9		ug/L		84	79 - 126
Isopropylbenzene	1.0	U	20.0	18.3		ug/L		91	79 - 125
Methyl acetate	5.0	U	40.0	36.5		ug/L		91	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	21.8		ug/L		109	72 - 131
Methylcyclohexane	1.0	U	20.0	15.1		ug/L		75	63 - 138
Methylene Chloride	1.0	U	20.0	18.2		ug/L		91	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	18.5		ug/L		93	78 - 120
n-Butylbenzene	1.0	U	20.0	19.0		ug/L		95	69 - 135
N-Propylbenzene	1.0	U	20.0	18.8		ug/L		94	68 - 129
o-Xylene	1.0	U	20.0	17.2		ug/L		86	78 - 120
sec-Butylbenzene	1.0	U	20.0	17.3		ug/L		86	77 - 129
Styrene	1.0	U	20.0	18.8		ug/L		94	82 - 127
tert-Butylbenzene	1.0	U	20.0	16.6		ug/L		83	78 - 120
Tetrachloroethene	1.7		20.0	15.6		ug/L		70	70 - 127
Toluene	1.0	U	20.0	17.1		ug/L		86	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	17.1		ug/L		86	70 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-322068-1 MS
Matrix: Water
Analysis Batch: 1026344

Client Sample ID: MW-08_03122025
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	0.45	U	20.0	19.5		ug/L		98	71 - 127
Trichloroethene	0.28	U	20.0	17.2		ug/L		86	73 - 121
Trichlorofluoromethane	1.0	U	20.0	14.0		ug/L		70	62 - 134
Vinyl chloride	1.0	U	20.0	18.0		ug/L		90	55 - 144
Xylenes, Total	2.0	U	40.0	35.8		ug/L		89	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*80*		*77 - 132*
Toluene-d8 (Surr)	*88*		*80 - 120*

Lab Sample ID: 460-322068-1 MSD
Matrix: Water
Analysis Batch: 1026344

Client Sample ID: MW-08_03122025
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	22.4		ug/L		112	72 - 128	15	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	23.6		ug/L		118	63 - 139	16	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	16.2		ug/L		81	65 - 142	14	30
1,1,2-Trichloroethane	0.58	U	20.0	24.9		ug/L		125	74 - 125	24	30
1,1-Dichloroethane	1.0	U	20.0	26.1		ug/L		130	73 - 130	18	30
1,1-Dichloroethene	1.0	U	20.0	16.1		ug/L		80	68 - 133	11	30
1,2,3-Trichlorobenzene	1.0	U	20.0	17.1		ug/L		85	55 - 150	27	30
1,2,4-Trichlorobenzene	1.0	U	20.0	18.8		ug/L		94	67 - 132	15	30
1,2,4-Trimethylbenzene	1.0	U	20.0	22.3		ug/L		111	75 - 125	7	30
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	18.5		ug/L		92	58 - 132	10	30
1,2-Dichlorobenzene	1.0	U	20.0	20.8		ug/L		104	80 - 120	18	30
1,2-Dichloroethane	0.30	U	20.0	22.8		ug/L		114	66 - 129	21	30
1,2-Dichloropropane	0.92	U	20.0	24.7		ug/L		123	72 - 128	26	30
1,3,5-Trimethylbenzene	1.0	U	20.0	20.8		ug/L		104	75 - 125	15	30
1,3-Dichlorobenzene	1.0	U	20.0	20.8		ug/L		104	80 - 120	17	30
1,4-Dichlorobenzene	1.0	U	20.0	20.0		ug/L		100	80 - 120	19	30
2-Butanone (MEK)	5.0	U	100	92.7		ug/L		93	65 - 142	19	30
2-Hexanone	5.0	U	100	124		ug/L		124	72 - 134	17	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	115		ug/L		115	77 - 130	14	30
Acetone	5.0	U	100	75.1		ug/L		75	60 - 133	20	30
Benzene	0.45	U	20.0	19.8		ug/L		99	71 - 126	22	30
Bromoform	1.0	U	20.0	21.3		ug/L		106	58 - 128	20	30
Bromomethane	1.0	U	20.0	17.2		ug/L		86	33 - 150	4	30
Carbon disulfide	1.0	U	20.0	15.1	*	ug/L		75	35 - 150	41	30
Carbon tetrachloride	1.0	U	20.0	20.7		ug/L		103	65 - 131	13	30
Chlorobenzene	1.0	U	20.0	21.5		ug/L		108	80 - 120	19	30
Chlorobromomethane	1.0	U	20.0	18.2		ug/L		91	71 - 134	14	30
Chlorodibromomethane	0.78	U	20.0	19.2		ug/L		96	73 - 121	22	30
Chloroethane	1.0	U	20.0	20.4		ug/L		102	54 - 150	14	30
Chloroform	1.0	U	20.0	25.1		ug/L		125	78 - 125	21	30
Chloromethane	1.0	U	20.0	18.3		ug/L		92	43 - 149	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-322068-1 MSD
Client Sample ID: MW-08_03122025
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1026344

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	1.0	U	20.0	23.5		ug/L		117	78 - 121	23	30
cis-1,3-Dichloropropene	0.45	U	20.0	23.1		ug/L		115	74 - 125	20	30
Cyclohexane	1.0	U	20.0	18.8		ug/L		94	64 - 142	21	30
Dichlorobromomethane	0.98	U	20.0	25.0	*	ug/L		125	76 - 121	14	30
Dichlorodifluoromethane	1.0	U	20.0	12.2		ug/L		61	38 - 144	15	30
Ethylbenzene	1.0	U	20.0	21.0		ug/L		105	78 - 120	10	30
Ethylene Dibromide	1.0	U	20.0	21.6		ug/L		108	79 - 126	25	30
Isopropylbenzene	1.0	U	20.0	23.0		ug/L		115	79 - 125	23	30
Methyl acetate	5.0	U	40.0	41.8		ug/L		104	50 - 147	13	30
Methyl tert-butyl ether	1.0	U	20.0	25.5		ug/L		128	72 - 131	16	30
Methylcyclohexane	1.0	U	20.0	18.2		ug/L		91	63 - 138	19	30
Methylene Chloride	1.0	U	20.0	21.6		ug/L		108	74 - 127	17	30
m-Xylene & p-Xylene	1.0	U	20.0	22.7		ug/L		114	78 - 120	20	30
n-Butylbenzene	1.0	U	20.0	22.0		ug/L		110	69 - 135	15	30
N-Propylbenzene	1.0	U	20.0	22.3		ug/L		111	68 - 129	17	30
o-Xylene	1.0	U	20.0	22.0		ug/L		110	78 - 120	25	30
sec-Butylbenzene	1.0	U	20.0	19.8		ug/L		99	77 - 129	14	30
Styrene	1.0	U	20.0	23.2		ug/L		116	82 - 127	21	30
tert-Butylbenzene	1.0	U	20.0	20.2		ug/L		101	78 - 120	20	30
Tetrachloroethene	1.7		20.0	18.0		ug/L		82	70 - 127	14	30
Toluene	1.0	U	20.0	20.5		ug/L		103	78 - 120	18	30
trans-1,2-Dichloroethene	1.0	U	20.0	20.2		ug/L		101	70 - 126	17	30
trans-1,3-Dichloropropene	0.45	U	20.0	24.0		ug/L		120	71 - 127	21	30
Trichloroethene	0.28	U	20.0	20.2		ug/L		101	73 - 121	16	30
Trichlorofluoromethane	1.0	U	20.0	17.1		ug/L		86	62 - 134	20	30
Vinyl chloride	1.0	U	20.0	18.0		ug/L		90	55 - 144	0	30
Xylenes, Total	2.0	U	40.0	44.8		ug/L		112	80 - 120	22	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*83*		*77 - 132*
Toluene-d8 (Surr)	*89*		*80 - 120*

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-322068-1

GC/MS VOA

Analysis Batch: 1026344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-322068-1	MW-08_03122025	Total/NA	Water	8260D	
460-322068-2	MW-07_03122025	Total/NA	Water	8260D	
460-322068-3	MW-06_03122025	Total/NA	Water	8260D	
460-322068-4	DUP-01_03122025	Total/NA	Water	8260D	
460-322068-5	FB-01_03122025	Total/NA	Water	8260D	
460-322068-6	TB-01_03122025	Total/NA	Water	8260D	
MB 460-1026344/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1026344/4	Lab Control Sample	Total/NA	Water	8260D	
460-322068-1 MS	MW-08_03122025	Total/NA	Water	8260D	
460-322068-1 MSD	MW-08_03122025	Total/NA	Water	8260D	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: MW-08_03122025
Lab Sample ID: 460-322068-1
Date Collected: 03/12/25 11:35
Matrix: Water
Date Received: 03/12/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1026344	VBP	EET EDI	03/18/25 03:03

Client Sample ID: MW-07_03122025
Lab Sample ID: 460-322068-2
Date Collected: 03/12/25 13:35
Matrix: Water
Date Received: 03/12/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1026344	VBP	EET EDI	03/18/25 03:27

Client Sample ID: MW-06_03122025
Lab Sample ID: 460-322068-3
Date Collected: 03/12/25 15:10
Matrix: Water
Date Received: 03/12/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1026344	VBP	EET EDI	03/18/25 03:51

Client Sample ID: DUP-01_03122025
Lab Sample ID: 460-322068-4
Date Collected: 03/12/25 13:40
Matrix: Water
Date Received: 03/12/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1026344	VBP	EET EDI	03/18/25 04:15

Client Sample ID: FB-01_03122025
Lab Sample ID: 460-322068-5
Date Collected: 03/12/25 15:20
Matrix: Water
Date Received: 03/12/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1026344	VBP	EET EDI	03/17/25 22:59

Client Sample ID: TB-01_03122025
Lab Sample ID: 460-322068-6
Date Collected: 03/12/25 15:25
Matrix: Water
Date Received: 03/12/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1026344	VBP	EET EDI	03/17/25 23:24

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-25

Method Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-322068-1	MW-08_03122025	Water	03/12/25 11:35	03/12/25 16:00
460-322068-2	MW-07_03122025	Water	03/12/25 13:35	03/12/25 16:00
460-322068-3	MW-06_03122025	Water	03/12/25 15:10	03/12/25 16:00
460-322068-4	DUP-01_03122025	Water	03/12/25 13:40	03/12/25 16:00
460-322068-5	FB-01_03122025	Water	03/12/25 15:20	03/12/25 16:00
460-322068-6	TB-01_03122025	Water	03/12/25 15:25	03/12/25 16:00

Chain of Custody Record 760871

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Address _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Matthew Levy	Site Contact: Nicholas Manzione	Date: 03/12/2025	COC No:
Company Name: Haley, Aldrich of NY	Tel/Email: MLevy@haleyaldrich.com	Lab Contact: Elizabeth Flannery	Carrier:	1 of 1 COCs
Address: 213 West 35th Street	Analysis Turnaround Time			Sampler: EN, NTM
City/State/Zip: New York, NY 10001	☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling
Project Name: 1885 Atlantic Ave	☒ 1 week			
Site: 1885 Atlantic Ave, Brooklyn NY	☐ 2 days			Job / SDG No: 322068
PO #: 0205125	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	VOCs	Sample Specific Notes:
MW-08_03122025	3/12/25	1135	G	W	9	N	Y	X	-1
MW-07_03122025	3/12/25	1335	G	W	3	N	N	X	-2
MW-06-03122025	3/12/25	1510	G	W	3	N	N	X	-3
DUP-01_03122025	3/12/25	1340	G	W	3	N	N	X	-4
FB-01_03122025	3/12/25	1520	FB	W	2	N	N	X	-5
TB-01_03122025	3/12/25	1525	TB	W	2	N	N	X	-6

460-322068 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 2

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

Custody Seals Intact. ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Eddy Nunez	Haley Aldrich	3/12/25			3/12/25 6:00
Relinquished by	Company	Date/Time:	Received by	Company	Date/Time:
Relinquished by	Company	Date/Time:	Received in Laboratory by	Company	Date/Time:

1-5/14 0 ZL 9

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3/18/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 322068

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.5 °C	1.9 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below.

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038 Rev 4.1
10/22/2019

Initials: YG Date: 3/12/25

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-322068-1

Login Number: 322068

List Source: Eurofins Edison

List Number: 1

Creator: Lysy, Susan

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

APPENDIX B
SVE Maintenance Field Forms

Date: 2/20/2025

Weather: 19-30F, cloudy, 52% humid, 10 mph from NW

Personnel: N. Manzione, C. Jackson

SVE Blower Time (Previous): 24.6

SVE Blower Time (Current): 4752.6

Time: 908

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection	935	59.81	-2.5	266.7	-	
Combined SVE/SSDS Influent	1200	85.4	-3.9	166.8	-	
Filter Influent	944	-	-10	-	-	
Filter Effluent	945	-	-10	-	-	
Effluent before Drums	946	200	46	-	110	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1	950	>300	overflow	137.4	-	
Effluent after Drum 2	952	254.35	overflow	15.7	-	

Notes:

cfm - cubic feet per minute

ppm - parts per million

IWC - inches of water column

°F - degrees Fahrenheit

Date: 2/20/2025 SVE Blower Time (Previous): 24.6

Weather: 19-30F, cloudy, 52% humid, 10 mph from NW SVE Blower Time (Current): 4752.6

Personnel: N. Manzione, C. Jackson Time: 1058

VEP/MP	Time	Air Flow (cfm)	PID Reading (ppm)	Notes
SVE-1S	1101	9.34	395.3	
SVE-1D				
SVE-2S				
SVE-2D				
SVE-3S	1105	5.16	698.8	
SVE-3D				
SVE-4S				
SVE-4D				
SVE-5S	1058	5.41	202.4	
SVE-5D				
SVE-6S				
SVE-6D				
SVE-7S	1102	8.42	257.7	
SVE-7D				
SVE-8S				
SVE-8D				
SVE-9S	1103	8.71	197.6	
SVE-9D				
MP-1_25	1013			Vacuum too low for manometer range
MP-1_35				
MP-1_45				
MP-1_55				
MP-2_25	1014			Vacuum too low for manometer range
MP-2_35				
MP-2_45				
MP-2_55				

Notes:

cfm - cubic feet per minute

ppm - parts per million

VEP - Vapor Extraction Point

MP - Monitoring Point

Date: 3/11/2025

Weather: Clear, 60 °F wind SW @ 5 mph, RH: 60%

Personnel: N. Manzione, E. Nunez

SVE Blower Time (Previous): 4752.6

SVE Blower Time (Current): 5210.2

Time: 10:23

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection	9:51	47.14	-3.87	382.2	-	
Combined SVE/SSDS Influent	9:57	56.66	-3.99	94.8	-	
Filter Influent	10:07	-	-8	-	-	
Filter Effluent	10:08	-	-8	-	-	
Effluent before Drums	10:09	200	46	-	120	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1	10:12	>300	overflow	82.1	-	
Effluent after Drum 2	10:15	290.2	overflow	11.1	-	

Notes:

cfm - cubic feet per minute

ppm - parts per million

IWC - inches of water column

°F - degrees Fahrenheit

Date: 3/11/2025

SVE Blower Time (Previous): 4752.6

Weather: Clear, 60 °F wind SW @ 5 mph, RH: 60%

SVE Blower Time (Current): 5210.2

Personnel: N. Manzione, E. Nunez

Time: 9:16

VEP/MP	Time	Air Flow (cfm)	PID Reading (ppm)	Notes
SVE-1S	9:18	8.87	388.1	
SVE-1D				
SVE-2S				
SVE-2D				
SVE-3S	9:23	7.67	753.9	
SVE-3D				
SVE-4S				
SVE-4D				
SVE-5S	9:17	7.46	253.4	
SVE-5D				
SVE-6S				
SVE-6D				
SVE-7S	9:21	8.98	298.1	
SVE-7D				
SVE-8S				
SVE-8D				
SVE-9S	9:22	10.03	256.4	
SVE-9D				
MP-1_25	9:24			Iwc vacuum = 0.08
MP-1_35				
MP-1_45				
MP-1_55				
MP-2_25	9:31			Iwc vacuum = 0.02
MP-2_35				
MP-2_45				
MP-2_55				

Notes:

cfm - cubic feet per minute

ppm - parts per million

VEP - Vapor Extraction Point

MP - Monitoring Point

APPENDIX C
March 2025 Sub-Slab and Indoor Air Laboratory Report

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich, Inc.
213 West 35th St
New York, New York 10001

Generated 3/25/2025 10:20:10 AM

JOB DESCRIPTION

1885 Atlantic Avenue

JOB NUMBER

200-77312-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

myEOL

Job Notes

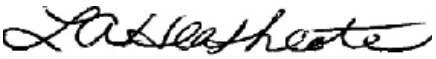
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Generated
3/25/2025 10:20:10 AM

Authorized for release by
Lee Ann Heathcote, Project Manager II
LeeAnn.Heathcote@et.eurofinsus.com
(802)923-1028

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
200-77312-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 3/14/2025 10:35 AM. Unless otherwise noted below, the samples arrived in good condition.

Receipt Exceptions
The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): MP-1_20250312. The container label listed asset ID 2911, while COC listed 2511. Sample was logged in per container ID.

Client revised sample IDs via email on 3/19/2025 as follows:

Lab ID	Original Sample ID	New Sample ID
200-77312-7	MP-1IA_20250312	IA-01_20250312
200-77312-8	MP-2IA_20250312	IA-02_20250312
200-77312-9	MP-3IA_20250312	IA-03_20250312
200-77312-10	MP-4IA_20250312	IA-04_20250312
200-77312-11	MP-5IA_20250312	IA-05_20250312
200-77312-12	MP-6IA_20250312	IA-06_20250312

Special Instructions on COC requested that laboratory log in samples using sampling Start Dates and Times. Client clarified on 3/25/2025 to use End Dates/Times, as per normal lab procedures for integrated air samples.

Air - GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-1_20250312

Lab Sample ID: 200-77312-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.9		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.41	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	10		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.44	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	16		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	11	J	12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.76	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	12		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloroform	0.26	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	14	J	15	3.8	ug/m3	1		TO-15	Total/NA
Cyclohexane	2.0		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.39		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	6.3		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	13		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.3		0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	3.3		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.21	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	13		0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	15		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	6.3		0.87	0.27	ug/m3	1		TO-15	Total/NA
Cumene	3.7		0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	1.9		0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	2.2		0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	2.7		0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	8.9		0.98	0.39	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	1.4		1.1	0.33	ug/m3	1		TO-15	Total/NA
Naphthalene	5.1		2.0	1.6	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.43	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.83		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.20	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	4.3		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19	J	0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.058	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	6.7		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	4.6	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.22	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	3.3		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	0.052	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Tetrahydrofuran	4.7	J	5.0	1.3	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.57		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.063		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.3		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	4.1		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.31		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.86		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.030	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	3.0		0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	3.5		0.50	0.095	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-1_20250312 (Continued)

Lab Sample ID: 200-77312-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene	1.4		0.20	0.063	ppb v/v	1		TO-15	Total/NA
Cumene	0.76		0.20	0.041	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.38		0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.46		0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.54		0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.8		0.20	0.080	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.25		0.20	0.061	ppb v/v	1		TO-15	Total/NA
Naphthalene	0.98		0.38	0.30	ppb v/v	1		TO-15	Total/NA

Client Sample ID: MP-2_20250312

Lab Sample ID: 200-77312-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.7	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.78	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.45	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.50	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.0	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
Cyclohexane	72		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.32		0.22	0.14	ug/m3	1		TO-15	Total/NA
Benzene	2.0		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	35		0.82	0.23	ug/m3	1		TO-15	Total/NA
1,4-Dioxane	1.2	J	18	0.30	ug/m3	1		TO-15	Total/NA
Toluene	2.2		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.24	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.72	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.3	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.57	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
Cumene	0.22	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.44	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.78	J	0.98	0.39	ug/m3	1		TO-15	Total/NA
n-Butane - DL	500	D	14	5.6	ug/m3	11.8		TO-15	Total/NA
n-Hexane - DL	480	D	21	4.6	ug/m3	11.8		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	350	D	11	2.1	ug/m3	11.8		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.42	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.47	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.38	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.18	J	0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.059	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.16	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.29	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
Cyclohexane	21		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.051		0.035	0.022	ppb v/v	1		TO-15	Total/NA
Benzene	0.61		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	8.5		0.20	0.055	ppb v/v	1		TO-15	Total/NA
1,4-Dioxane	0.32	J	5.0	0.082	ppb v/v	1		TO-15	Total/NA
Toluene	0.59		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.036	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.17	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-2_20250312 (Continued) — Lab Sample ID: 200-77312-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m,p-Xylene	0.30	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.13	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
Cumene	0.045	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.090	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.16	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA
n-Butane - DL	210	D	5.9	2.4	ppb v/v	11.8		TO-15	Total/NA
n-Hexane - DL	140	D	5.9	1.3	ppb v/v	11.8		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	74	D	2.4	0.45	ppb v/v	11.8		TO-15	Total/NA

Client Sample ID: MP-3_20250312 — Lab Sample ID: 200-77312-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.1	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.34	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	3.2		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.47	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	11	J	12	3.8	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.95	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
n-Hexane	5.6		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloroform	0.30	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.77		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.37		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.9		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.50	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.69	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
1,4-Dioxane	0.32	J	18	0.30	ug/m3	1		TO-15	Total/NA
Toluene	2.1		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.15	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.53	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.8	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.68	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.61	J	0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.41	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.31	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.16	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	1.4		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.18	J	0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.061	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	4.7	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.31	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Hexane	1.6		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	0.061	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.22		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.060		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.40		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.16	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.17	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
1,4-Dioxane	0.090	J	5.0	0.082	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-3_20250312 (Continued) — Lab Sample ID: 200-77312-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.56		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.022	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.12	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.41	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.16	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.12	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: MP-4_20250312 — Lab Sample ID: 200-77312-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	6.9		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	17		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.44	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	17		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	5.9	J	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.44	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.90	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	16		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloroform	0.27	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.7		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.39		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	3.7		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.98		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.87		0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	2.7		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.61	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	4.5		0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	34		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	12		0.87	0.27	ug/m3	1		TO-15	Total/NA
Cumene	0.45	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.67	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	1.1		0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.7		0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	4.5		0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	2.0		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.62		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	7.1		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.058	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	7.2		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.4	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.14	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.26	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	4.5		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	0.056	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.51		0.20	0.058	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-4_20250312 (Continued) — Lab Sample ID: 200-77312-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.062		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.80		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.31		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.21		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.72		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.089	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	1.0		0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	7.9		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	2.8		0.20	0.063	ppb v/v	1		TO-15	Total/NA
Cumene	0.091	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.14	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.22		0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.34		0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.92		0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: MP-5_20250312 — Lab Sample ID: 200-77312-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.77	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	4.3		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.45	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	11	J	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	8.7	J	12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.67	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.72	J	0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	4.1		1.8	0.39	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	12	J	15	3.8	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.61	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.41		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.96		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.74		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.66	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	2.4		0.75	0.23	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.58	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	2.5		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	1.0		0.87	0.27	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.30	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.3		0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.42	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.37	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	1.8		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.18	J	0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.059	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	4.5	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	3.5	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.19	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.18	J	0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	1.2		0.50	0.11	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-5_20250312 (Continued) — Lab Sample ID: 200-77312-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrahydrofuran	4.0	J	5.0	1.3	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.18	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.065		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.21		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.23		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.16	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.64		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.13	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.57		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.23		0.20	0.063	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.061	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.25		0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: MP-6_20250312 — Lab Sample ID: 200-77312-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.8		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.2		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	18		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.53	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	24		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	5.9	J	12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.99	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	17		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.5		1.5	1.4	ug/m3	1		TO-15	Total/NA
Chloroform	0.48	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.9		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.39		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	4.5		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.96		0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	1.9		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.56	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.39	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.6	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.61	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.67	J	0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.47	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.80		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.59		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	7.7		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.069	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	10		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.4	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.29	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	4.7		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.51		0.50	0.49	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-6_20250312 (Continued)

Lab Sample ID: 200-77312-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.099	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.55		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.062		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.96		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.34		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.24		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.51		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.083	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.090	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.37	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.14	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.14	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-01_20250312

Lab Sample ID: 200-77312-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	19		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.11	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.48	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	13		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	5.7	J	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.0	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.65	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	19		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloroform	0.20	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.6		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.42		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.6		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.66	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
1,4-Dioxane	0.47	J	18	0.30	ug/m3	1		TO-15	Total/NA
Toluene	1.0		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.18	J	1.4	0.14	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.33	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.69		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	8.1		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.049	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.21		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.063	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	5.6		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.3	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.33	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.19	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	5.3		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	0.042	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-01_20250312 (Continued)

Lab Sample ID: 200-77312-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	0.48		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.066		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.56		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.36		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.16	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
1,4-Dioxane	0.13	J	5.0	0.082	ppb v/v	1		TO-15	Total/NA
Toluene	0.28		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.027	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-02_20250312

Lab Sample ID: 200-77312-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.3	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	20		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.48	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	18		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	7.1	J	12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.7		1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	17		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.4	J	1.5	1.4	ug/m3	1		TO-15	Total/NA
Chloroform	0.22	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	2.5		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.33		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.8		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.3		0.82	0.23	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	0.98		0.92	0.43	ug/m3	1		TO-15	Total/NA
Toluene	8.9		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.22	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.32	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.98	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.33	J	0.87	0.27	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.44	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.37	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.70		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	8.4		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.062	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	7.4		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.9	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.49		0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	4.8		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.47	J	0.50	0.49	ppb v/v	1		TO-15	Total/NA
Chloroform	0.046	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.73		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.052		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.59		0.20	0.038	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-02_20250312 (Continued)

Lab Sample ID: 200-77312-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.35		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.32		0.20	0.055	ppb v/v	1		TO-15	Total/NA
1,2-Dichloropropane	0.21		0.20	0.094	ppb v/v	1		TO-15	Total/NA
Toluene	2.4		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.032	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.075	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.23	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.077	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-03_20250312

Lab Sample ID: 200-77312-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	20		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.13	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.48	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	20		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	5.5	J	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.74	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.65	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.19	J	0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	20		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.6		1.5	1.4	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.7		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.41		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.8		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.2		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.2		0.82	0.23	ug/m3	1		TO-15	Total/NA
1,4-Dioxane	0.61	J	18	0.30	ug/m3	1		TO-15	Total/NA
Toluene	1.3		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.19	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.77	J	2.2	0.41	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.44	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.33	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.70		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	8.4		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.057	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.062	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	8.4		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.2	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.24	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.19	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.049	J	0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	5.6		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.54		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.49		0.20	0.058	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-03_20250312 (Continued)

Lab Sample ID: 200-77312-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.066		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.59		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.37		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.29		0.20	0.055	ppb v/v	1		TO-15	Total/NA
1,4-Dioxane	0.17	J	5.0	0.082	ppb v/v	1		TO-15	Total/NA
Toluene	0.34		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.028	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.18	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-04_20250312

Lab Sample ID: 200-77312-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	20		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.12	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.47	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	13		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	6.6	J	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.48	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.68	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	19		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloroform	0.23	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.6		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.38		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.7		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.73	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	1.3		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.18	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.74	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.28	J	0.87	0.27	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.43	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.33	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.73		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	8.3		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.054	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.061	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	5.6		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.7	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.15	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.20	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	5.3		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	0.047	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.47		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.061		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.57		0.20	0.038	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-04_20250312 (Continued) — Lab Sample ID: 200-77312-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.36		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.18	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.34		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.026	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.17	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.065	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-05_20250312 — Lab Sample ID: 200-77312-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	19		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.10	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.47	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	11	J	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	5.6	J	12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.68	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	17		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloroform	0.20	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.5		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.38		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.5		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.67	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	1.3		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.18	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.30	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.85	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.38	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.57	J	0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.34	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.71		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	8.1		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.047	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.062	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	4.7	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.3	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.20	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	4.9		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	0.040	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.42		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.060		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.53		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.35		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.16	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-05_20250312 (Continued)

Lab Sample ID: 200-77312-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.34		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.026	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.069	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.20	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.088	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.12	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-06_20250312

Lab Sample ID: 200-77312-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.6		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	22		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.13	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.47	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	20		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	7.2	J	12	3.9	ug/m3	1		TO-15	Total/NA
n-Hexane	21		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.0		1.5	1.4	ug/m3	1		TO-15	Total/NA
Chloroform	0.23	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	2.1		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.21	J	0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	4.9		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.3		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.1		0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	1.6		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.18	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.1	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.37	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.47	J	0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.44	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.34	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.79		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	9.4		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.057	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.061	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	8.2		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.9	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
n-Hexane	5.9		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.67		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Chloroform	0.048	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.60		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.033	J	0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.1		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.39		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.26		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.44		0.20	0.062	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-06_20250312 (Continued)

Lab Sample ID: 200-77312-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.027	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.25	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.085	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.096	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: AA-01_20250312

Lab Sample ID: 200-77312-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.6		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	3.7		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.12	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.48	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	7.2	J	12	3.8	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.88	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	1.0		0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	0.58	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.38		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.44	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.59	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.49	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	0.97		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.17	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.49	J	2.2	0.41	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.74		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.72		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	1.6		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.053	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.063	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	3.0	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.25	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.26		0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.17	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.061		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.095	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.18	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.12	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.26		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.025	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.11	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-1_20250312
Date Collected: 03/13/25 14:50
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-1
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			03/18/25 00:42	1
Chlorodifluoromethane	**2.9**		1.8	0.42	ug/m3			03/18/25 00:42	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/18/25 00:42	1
Chloromethane	**0.41**	**J**	1.0	0.31	ug/m3			03/18/25 00:42	1
n-Butane	**10**		1.2	0.48	ug/m3			03/18/25 00:42	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/18/25 00:42	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/18/25 00:42	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/18/25 00:42	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/18/25 00:42	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/18/25 00:42	1
Trichlorofluoromethane	**1.0**	**J**	1.1	0.28	ug/m3			03/18/25 00:42	1
1,1,2-Trichlorotrifluoroethane	**0.44**	**J**	1.5	0.41	ug/m3			03/18/25 00:42	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/18/25 00:42	1
Acetone	**16**		12	3.8	ug/m3			03/18/25 00:42	1
Isopropyl alcohol	**11**	**J**	12	3.9	ug/m3			03/18/25 00:42	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/18/25 00:42	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/18/25 00:42	1
Methylene Chloride	**0.76**	**J**	1.7	0.63	ug/m3			03/18/25 00:42	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/18/25 00:42	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/18/25 00:42	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/18/25 00:42	1
n-Hexane	**12**		1.8	0.39	ug/m3			03/18/25 00:42	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/18/25 00:42	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/18/25 00:42	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/18/25 00:42	1
Chloroform	**0.26**	**J**	0.98	0.20	ug/m3			03/18/25 00:42	1
Tetrahydrofuran	**14**	**J**	15	3.8	ug/m3			03/18/25 00:42	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/18/25 00:42	1
Cyclohexane	**2.0**		0.69	0.20	ug/m3			03/18/25 00:42	1
Carbon tetrachloride	**0.39**		0.22	0.14	ug/m3			03/18/25 00:42	1
2,2,4-Trimethylpentane	**6.3**		0.93	0.18	ug/m3			03/18/25 00:42	1
Benzene	**13**		0.64	0.14	ug/m3			03/18/25 00:42	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/18/25 00:42	1
n-Heptane	**1.3**		0.82	0.23	ug/m3			03/18/25 00:42	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/18/25 00:42	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/18/25 00:42	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/18/25 00:42	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/18/25 00:42	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/18/25 00:42	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/18/25 00:42	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/18/25 00:42	1
Toluene	**3.3**		0.75	0.23	ug/m3			03/18/25 00:42	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/18/25 00:42	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/18/25 00:42	1
Tetrachloroethene	**0.21**	**J**	1.4	0.14	ug/m3			03/18/25 00:42	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/18/25 00:42	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/18/25 00:42	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/18/25 00:42	1

Client Sample ID: MP-1_20250312
Date Collected: 03/13/25 14:50
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-1
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/18/25 00:42	1
Ethylbenzene	**13**		0.87	0.30	ug/m3			03/18/25 00:42	1
m,p-Xylene	**15**		2.2	0.41	ug/m3			03/18/25 00:42	1
o-Xylene	**6.3**		0.87	0.27	ug/m3			03/18/25 00:42	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/18/25 00:42	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/18/25 00:42	1
Cumene	**3.7**		0.98	0.20	ug/m3			03/18/25 00:42	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/18/25 00:42	1
n-Propylbenzene	**1.9**		0.98	0.23	ug/m3			03/18/25 00:42	1
4-Ethyltoluene	**2.2**		0.98	0.24	ug/m3			03/18/25 00:42	1
1,3,5-Trimethylbenzene	**2.7**		0.98	0.23	ug/m3			03/18/25 00:42	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/18/25 00:42	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/18/25 00:42	1
1,2,4-Trimethylbenzene	**8.9**		0.98	0.39	ug/m3			03/18/25 00:42	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/18/25 00:42	1
4-Isopropyltoluene	**1.4**		1.1	0.33	ug/m3			03/18/25 00:42	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/18/25 00:42	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/18/25 00:42	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/18/25 00:42	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/18/25 00:42	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/18/25 00:42	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/18/25 00:42	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/18/25 00:42	1
Naphthalene	**5.1**		2.0	1.6	ug/m3			03/18/25 00:42	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.43**	**J**	0.50	0.11	ppb v/v			03/18/25 00:42	1
Chlorodifluoromethane	**0.83**		0.50	0.12	ppb v/v			03/18/25 00:42	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/18/25 00:42	1
Chloromethane	**0.20**	**J**	0.50	0.15	ppb v/v			03/18/25 00:42	1
n-Butane	**4.3**		0.50	0.20	ppb v/v			03/18/25 00:42	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/18/25 00:42	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/18/25 00:42	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/18/25 00:42	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/18/25 00:42	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/18/25 00:42	1
Trichlorofluoromethane	**0.19**	**J**	0.20	0.050	ppb v/v			03/18/25 00:42	1
1,1,2-Trichlorotrifluoroethane	**0.058**	**J**	0.20	0.053	ppb v/v			03/18/25 00:42	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/18/25 00:42	1
Acetone	**6.7**		5.0	1.6	ppb v/v			03/18/25 00:42	1
Isopropyl alcohol	**4.6**	**J**	5.0	1.6	ppb v/v			03/18/25 00:42	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/18/25 00:42	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/18/25 00:42	1
Methylene Chloride	**0.22**	**J**	0.50	0.18	ppb v/v			03/18/25 00:42	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/18/25 00:42	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/18/25 00:42	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/18/25 00:42	1
n-Hexane	**3.3**		0.50	0.11	ppb v/v			03/18/25 00:42	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/18/25 00:42	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-1_20250312
Date Collected: 03/13/25 14:50
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-1
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/18/25 00:42	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/18/25 00:42	1
Chloroform	**0.052**	**J**	0.20	0.041	ppb v/v			03/18/25 00:42	1
Tetrahydrofuran	**4.7**	**J**	5.0	1.3	ppb v/v			03/18/25 00:42	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/18/25 00:42	1
Cyclohexane	**0.57**		0.20	0.058	ppb v/v			03/18/25 00:42	1
Carbon tetrachloride	**0.063**		0.035	0.022	ppb v/v			03/18/25 00:42	1
2,2,4-Trimethylpentane	**1.3**		0.20	0.038	ppb v/v			03/18/25 00:42	1
Benzene	**4.1**		0.20	0.044	ppb v/v			03/18/25 00:42	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/18/25 00:42	1
n-Heptane	**0.31**		0.20	0.055	ppb v/v			03/18/25 00:42	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/18/25 00:42	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/18/25 00:42	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/18/25 00:42	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/18/25 00:42	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 00:42	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/18/25 00:42	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/18/25 00:42	1
Toluene	**0.86**		0.20	0.062	ppb v/v			03/18/25 00:42	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/18/25 00:42	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/18/25 00:42	1
Tetrachloroethene	**0.030**	**J**	0.20	0.021	ppb v/v			03/18/25 00:42	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/18/25 00:42	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/18/25 00:42	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/18/25 00:42	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 00:42	1
Ethylbenzene	**3.0**		0.20	0.069	ppb v/v			03/18/25 00:42	1
m,p-Xylene	**3.5**		0.50	0.095	ppb v/v			03/18/25 00:42	1
o-Xylene	**1.4**		0.20	0.063	ppb v/v			03/18/25 00:42	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/18/25 00:42	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/18/25 00:42	1
Cumene	**0.76**		0.20	0.041	ppb v/v			03/18/25 00:42	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/18/25 00:42	1
n-Propylbenzene	**0.38**		0.20	0.047	ppb v/v			03/18/25 00:42	1
4-Ethyltoluene	**0.46**		0.20	0.049	ppb v/v			03/18/25 00:42	1
1,3,5-Trimethylbenzene	**0.54**		0.20	0.047	ppb v/v			03/18/25 00:42	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/18/25 00:42	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 00:42	1
1,2,4-Trimethylbenzene	**1.8**		0.20	0.080	ppb v/v			03/18/25 00:42	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/18/25 00:42	1
4-Isopropyltoluene	**0.25**		0.20	0.061	ppb v/v			03/18/25 00:42	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/18/25 00:42	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/18/25 00:42	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/18/25 00:42	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/18/25 00:42	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/18/25 00:42	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/18/25 00:42	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/18/25 00:42	1

Client Sample ID: MP-1_20250312

Lab Sample ID: 200-77312-1

Date Collected: 03/13/25 14:50
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**0.98**		0.38	0.30	ppb v/v			03/18/25 00:42	1

Client Sample ID: MP-2_20250312

Lab Sample ID: 200-77312-2

Date Collected: 03/13/25 13:28
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			03/18/25 01:37	1
Chlorodifluoromethane	**1.7**	**J**	1.8	0.42	ug/m3			03/18/25 01:37	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/18/25 01:37	1
Chloromethane	**0.78**	**J**	1.0	0.31	ug/m3			03/18/25 01:37	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/18/25 01:37	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/18/25 01:37	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/18/25 01:37	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/18/25 01:37	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/18/25 01:37	1
Trichlorofluoromethane	**1.0**	**J**	1.1	0.28	ug/m3			03/18/25 01:37	1
1,1,2-Trichlorotrifluoroethane	**0.45**	**J**	1.5	0.41	ug/m3			03/18/25 01:37	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/18/25 01:37	1
Acetone	12	U	12	3.8	ug/m3			03/18/25 01:37	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			03/18/25 01:37	1
Carbon disulfide	**0.50**	**J**	1.6	0.40	ug/m3			03/18/25 01:37	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/18/25 01:37	1
Methylene Chloride	**1.0**	**J**	1.7	0.63	ug/m3			03/18/25 01:37	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/18/25 01:37	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/18/25 01:37	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/18/25 01:37	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/18/25 01:37	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/18/25 01:37	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/18/25 01:37	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/18/25 01:37	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/18/25 01:37	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/18/25 01:37	1
Cyclohexane	**72**		0.69	0.20	ug/m3			03/18/25 01:37	1
Carbon tetrachloride	**0.32**		0.22	0.14	ug/m3			03/18/25 01:37	1
Benzene	**2.0**		0.64	0.14	ug/m3			03/18/25 01:37	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/18/25 01:37	1
n-Heptane	**35**		0.82	0.23	ug/m3			03/18/25 01:37	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/18/25 01:37	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/18/25 01:37	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/18/25 01:37	1
1,4-Dioxane	**1.2**	**J**	18	0.30	ug/m3			03/18/25 01:37	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/18/25 01:37	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/18/25 01:37	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/18/25 01:37	1
Toluene	**2.2**		0.75	0.23	ug/m3			03/18/25 01:37	1

Client Sample ID: MP-2_20250312
Date Collected: 03/13/25 13:28
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-2
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/18/25 01:37	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/18/25 01:37	1
Tetrachloroethene	**0.24**	**J**	1.4	0.14	ug/m3			03/18/25 01:37	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/18/25 01:37	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/18/25 01:37	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/18/25 01:37	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/18/25 01:37	1
Ethylbenzene	**0.72**	**J**	0.87	0.30	ug/m3			03/18/25 01:37	1
m,p-Xylene	**1.3**	**J**	2.2	0.41	ug/m3			03/18/25 01:37	1
o-Xylene	**0.57**	**J**	0.87	0.27	ug/m3			03/18/25 01:37	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/18/25 01:37	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/18/25 01:37	1
Cumene	**0.22**	**J**	0.98	0.20	ug/m3			03/18/25 01:37	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/18/25 01:37	1
n-Propylbenzene	**0.44**	**J**	0.98	0.23	ug/m3			03/18/25 01:37	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/18/25 01:37	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 01:37	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/18/25 01:37	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/18/25 01:37	1
1,2,4-Trimethylbenzene	**0.78**	**J**	0.98	0.39	ug/m3			03/18/25 01:37	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/18/25 01:37	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/18/25 01:37	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/18/25 01:37	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/18/25 01:37	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/18/25 01:37	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/18/25 01:37	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/18/25 01:37	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/18/25 01:37	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/18/25 01:37	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/18/25 01:37	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.42**	**J**	0.50	0.11	ppb v/v			03/18/25 01:37	1
Chlorodifluoromethane	**0.47**	**J**	0.50	0.12	ppb v/v			03/18/25 01:37	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/18/25 01:37	1
Chloromethane	**0.38**	**J**	0.50	0.15	ppb v/v			03/18/25 01:37	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/18/25 01:37	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/18/25 01:37	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/18/25 01:37	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/18/25 01:37	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/18/25 01:37	1
Trichlorofluoromethane	**0.18**	**J**	0.20	0.050	ppb v/v			03/18/25 01:37	1
1,1,2-Trichlorotrifluoroethane	**0.059**	**J**	0.20	0.053	ppb v/v			03/18/25 01:37	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/18/25 01:37	1
Acetone	5.0	U	5.0	1.6	ppb v/v			03/18/25 01:37	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			03/18/25 01:37	1
Carbon disulfide	**0.16**	**J**	0.50	0.13	ppb v/v			03/18/25 01:37	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/18/25 01:37	1
Methylene Chloride	**0.29**	**J**	0.50	0.18	ppb v/v			03/18/25 01:37	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-2_20250312
Date Collected: 03/13/25 13:28
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-2
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/18/25 01:37	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/18/25 01:37	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/18/25 01:37	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/18/25 01:37	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/18/25 01:37	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/18/25 01:37	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/18/25 01:37	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/18/25 01:37	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/18/25 01:37	1
Cyclohexane	**21**		0.20	0.058	ppb v/v			03/18/25 01:37	1
Carbon tetrachloride	**0.051**		0.035	0.022	ppb v/v			03/18/25 01:37	1
Benzene	**0.61**		0.20	0.044	ppb v/v			03/18/25 01:37	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/18/25 01:37	1
n-Heptane	**8.5**		0.20	0.055	ppb v/v			03/18/25 01:37	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/18/25 01:37	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/18/25 01:37	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/18/25 01:37	1
1,4-Dioxane	**0.32**	**J**	5.0	0.082	ppb v/v			03/18/25 01:37	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 01:37	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/18/25 01:37	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/18/25 01:37	1
Toluene	**0.59**		0.20	0.062	ppb v/v			03/18/25 01:37	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/18/25 01:37	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/18/25 01:37	1
Tetrachloroethene	**0.036**	**J**	0.20	0.021	ppb v/v			03/18/25 01:37	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/18/25 01:37	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/18/25 01:37	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/18/25 01:37	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 01:37	1
Ethylbenzene	**0.17**	**J**	0.20	0.069	ppb v/v			03/18/25 01:37	1
m,p-Xylene	**0.30**	**J**	0.50	0.095	ppb v/v			03/18/25 01:37	1
o-Xylene	**0.13**	**J**	0.20	0.063	ppb v/v			03/18/25 01:37	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/18/25 01:37	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/18/25 01:37	1
Cumene	**0.045**	**J**	0.20	0.041	ppb v/v			03/18/25 01:37	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/18/25 01:37	1
n-Propylbenzene	**0.090**	**J**	0.20	0.047	ppb v/v			03/18/25 01:37	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/18/25 01:37	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 01:37	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/18/25 01:37	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 01:37	1
1,2,4-Trimethylbenzene	**0.16**	**J**	0.20	0.080	ppb v/v			03/18/25 01:37	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/18/25 01:37	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/18/25 01:37	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/18/25 01:37	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/18/25 01:37	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/18/25 01:37	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/18/25 01:37	1

Client Sample ID: MP-2_20250312

Lab Sample ID: 200-77312-2

Date Collected: 03/13/25 13:28
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/18/25 01:37	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/18/25 01:37	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/18/25 01:37	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/18/25 01:37	1

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**500**	**D**	14	5.6	ug/m3			03/18/25 12:36	11.8
n-Hexane	**480**	**D**	21	4.6	ug/m3			03/18/25 12:36	11.8
2,2,4-Trimethylpentane	**350**	**D**	11	2.1	ug/m3			03/18/25 12:36	11.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**210**	**D**	5.9	2.4	ppb v/v			03/18/25 12:36	11.8
n-Hexane	**140**	**D**	5.9	1.3	ppb v/v			03/18/25 12:36	11.8
2,2,4-Trimethylpentane	**74**	**D**	2.4	0.45	ppb v/v			03/18/25 12:36	11.8

Client Sample ID: MP-3_20250312

Lab Sample ID: 200-77312-3

Date Collected: 03/13/25 14:51
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.0**	**J**	2.5	0.54	ug/m3			03/18/25 03:32	1
Chlorodifluoromethane	**1.1**	**J**	1.8	0.42	ug/m3			03/18/25 03:32	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/18/25 03:32	1
Chloromethane	**0.34**	**J**	1.0	0.31	ug/m3			03/18/25 03:32	1
n-Butane	**3.2**		1.2	0.48	ug/m3			03/18/25 03:32	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/18/25 03:32	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/18/25 03:32	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/18/25 03:32	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/18/25 03:32	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/18/25 03:32	1
Trichlorofluoromethane	**1.0**	**J**	1.1	0.28	ug/m3			03/18/25 03:32	1
1,1,2-Trichlorotrifluoroethane	**0.47**	**J**	1.5	0.41	ug/m3			03/18/25 03:32	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/18/25 03:32	1
Acetone	**11**	**J**	12	3.8	ug/m3			03/18/25 03:32	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			03/18/25 03:32	1
Carbon disulfide	**0.95**	**J**	1.6	0.40	ug/m3			03/18/25 03:32	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/18/25 03:32	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			03/18/25 03:32	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/18/25 03:32	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/18/25 03:32	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/18/25 03:32	1
n-Hexane	**5.6**		1.8	0.39	ug/m3			03/18/25 03:32	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/18/25 03:32	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/18/25 03:32	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/18/25 03:32	1
Chloroform	**0.30**	**J**	0.98	0.20	ug/m3			03/18/25 03:32	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/18/25 03:32	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-3_20250312
Date Collected: 03/13/25 14:51
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-3
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/18/25 03:32	1
Cyclohexane	**0.77**		0.69	0.20	ug/m3			03/18/25 03:32	1
Carbon tetrachloride	**0.37**		0.22	0.14	ug/m3			03/18/25 03:32	1
2,2,4-Trimethylpentane	**1.9**		0.93	0.18	ug/m3			03/18/25 03:32	1
Benzene	**0.50**	**J**	0.64	0.14	ug/m3			03/18/25 03:32	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/18/25 03:32	1
n-Heptane	**0.69**	**J**	0.82	0.23	ug/m3			03/18/25 03:32	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/18/25 03:32	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/18/25 03:32	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/18/25 03:32	1
1,4-Dioxane	**0.32**	**J**	18	0.30	ug/m3			03/18/25 03:32	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/18/25 03:32	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/18/25 03:32	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/18/25 03:32	1
Toluene	**2.1**		0.75	0.23	ug/m3			03/18/25 03:32	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/18/25 03:32	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/18/25 03:32	1
Tetrachloroethene	**0.15**	**J**	1.4	0.14	ug/m3			03/18/25 03:32	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/18/25 03:32	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/18/25 03:32	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/18/25 03:32	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/18/25 03:32	1
Ethylbenzene	**0.53**	**J**	0.87	0.30	ug/m3			03/18/25 03:32	1
m,p-Xylene	**1.8**	**J**	2.2	0.41	ug/m3			03/18/25 03:32	1
o-Xylene	**0.68**	**J**	0.87	0.27	ug/m3			03/18/25 03:32	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/18/25 03:32	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/18/25 03:32	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/18/25 03:32	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/18/25 03:32	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 03:32	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/18/25 03:32	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 03:32	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/18/25 03:32	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/18/25 03:32	1
1,2,4-Trimethylbenzene	**0.61**	**J**	0.98	0.39	ug/m3			03/18/25 03:32	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/18/25 03:32	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/18/25 03:32	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/18/25 03:32	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/18/25 03:32	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/18/25 03:32	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/18/25 03:32	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/18/25 03:32	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/18/25 03:32	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/18/25 03:32	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/18/25 03:32	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.41**	**J**	0.50	0.11	ppb v/v			03/18/25 03:32	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-3_20250312
Date Collected: 03/13/25 14:51
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-3
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodifluoromethane	**0.31**	**J**	0.50	0.12	ppb v/v			03/18/25 03:32	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/18/25 03:32	1
Chloromethane	**0.16**	**J**	0.50	0.15	ppb v/v			03/18/25 03:32	1
n-Butane	**1.4**		0.50	0.20	ppb v/v			03/18/25 03:32	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/18/25 03:32	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/18/25 03:32	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/18/25 03:32	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/18/25 03:32	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/18/25 03:32	1
Trichlorofluoromethane	**0.18**	**J**	0.20	0.050	ppb v/v			03/18/25 03:32	1
1,1,2-Trichlorotrifluoroethane	**0.061**	**J**	0.20	0.053	ppb v/v			03/18/25 03:32	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/18/25 03:32	1
Acetone	**4.7**	**J**	5.0	1.6	ppb v/v			03/18/25 03:32	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			03/18/25 03:32	1
Carbon disulfide	**0.31**	**J**	0.50	0.13	ppb v/v			03/18/25 03:32	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/18/25 03:32	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			03/18/25 03:32	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/18/25 03:32	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/18/25 03:32	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/18/25 03:32	1
n-Hexane	**1.6**		0.50	0.11	ppb v/v			03/18/25 03:32	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/18/25 03:32	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/18/25 03:32	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/18/25 03:32	1
Chloroform	**0.061**	**J**	0.20	0.041	ppb v/v			03/18/25 03:32	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/18/25 03:32	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/18/25 03:32	1
Cyclohexane	**0.22**		0.20	0.058	ppb v/v			03/18/25 03:32	1
Carbon tetrachloride	**0.060**		0.035	0.022	ppb v/v			03/18/25 03:32	1
2,2,4-Trimethylpentane	**0.40**		0.20	0.038	ppb v/v			03/18/25 03:32	1
Benzene	**0.16**	**J**	0.20	0.044	ppb v/v			03/18/25 03:32	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/18/25 03:32	1
n-Heptane	**0.17**	**J**	0.20	0.055	ppb v/v			03/18/25 03:32	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/18/25 03:32	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/18/25 03:32	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/18/25 03:32	1
1,4-Dioxane	**0.090**	**J**	5.0	0.082	ppb v/v			03/18/25 03:32	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 03:32	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/18/25 03:32	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/18/25 03:32	1
Toluene	**0.56**		0.20	0.062	ppb v/v			03/18/25 03:32	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/18/25 03:32	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/18/25 03:32	1
Tetrachloroethene	**0.022**	**J**	0.20	0.021	ppb v/v			03/18/25 03:32	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/18/25 03:32	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/18/25 03:32	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/18/25 03:32	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 03:32	1

Client Sample ID: MP-3_20250312

Lab Sample ID: 200-77312-3

Date Collected: 03/13/25 14:51
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**0.12**	**J**	0.20	0.069	ppb v/v			03/18/25 03:32	1
m,p-Xylene	**0.41**	**J**	0.50	0.095	ppb v/v			03/18/25 03:32	1
o-Xylene	**0.16**	**J**	0.20	0.063	ppb v/v			03/18/25 03:32	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/18/25 03:32	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/18/25 03:32	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/18/25 03:32	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/18/25 03:32	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 03:32	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/18/25 03:32	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 03:32	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/18/25 03:32	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 03:32	1
1,2,4-Trimethylbenzene	**0.12**	**J**	0.20	0.080	ppb v/v			03/18/25 03:32	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/18/25 03:32	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/18/25 03:32	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/18/25 03:32	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/18/25 03:32	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/18/25 03:32	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/18/25 03:32	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/18/25 03:32	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/18/25 03:32	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/18/25 03:32	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/18/25 03:32	1

Client Sample ID: MP-4_20250312

Lab Sample ID: 200-77312-4

Date Collected: 03/13/25 12:09
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			03/18/25 04:32	1
Chlorodifluoromethane	**6.9**		1.8	0.42	ug/m3			03/18/25 04:32	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/18/25 04:32	1
Chloromethane	**1.3**		1.0	0.31	ug/m3			03/18/25 04:32	1
n-Butane	**17**		1.2	0.48	ug/m3			03/18/25 04:32	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/18/25 04:32	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/18/25 04:32	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/18/25 04:32	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/18/25 04:32	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/18/25 04:32	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/18/25 04:32	1
1,1,2-Trichlorotrifluoroethane	**0.44**	**J**	1.5	0.41	ug/m3			03/18/25 04:32	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/18/25 04:32	1
Acetone	**17**		12	3.8	ug/m3			03/18/25 04:32	1
Isopropyl alcohol	**5.9**	**J**	12	3.9	ug/m3			03/18/25 04:32	1
Carbon disulfide	**0.44**	**J**	1.6	0.40	ug/m3			03/18/25 04:32	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/18/25 04:32	1
Methylene Chloride	**0.90**	**J**	1.7	0.63	ug/m3			03/18/25 04:32	1

Client Sample ID: MP-4_20250312
Date Collected: 03/13/25 12:09
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-4
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/18/25 04:32	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/18/25 04:32	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/18/25 04:32	1
n-Hexane	**16**		1.8	0.39	ug/m3			03/18/25 04:32	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/18/25 04:32	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/18/25 04:32	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/18/25 04:32	1
Chloroform	**0.27**	**J**	0.98	0.20	ug/m3			03/18/25 04:32	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/18/25 04:32	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/18/25 04:32	1
Cyclohexane	**1.7**		0.69	0.20	ug/m3			03/18/25 04:32	1
Carbon tetrachloride	**0.39**		0.22	0.14	ug/m3			03/18/25 04:32	1
2,2,4-Trimethylpentane	**3.7**		0.93	0.18	ug/m3			03/18/25 04:32	1
Benzene	**0.98**		0.64	0.14	ug/m3			03/18/25 04:32	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/18/25 04:32	1
n-Heptane	**0.87**		0.82	0.23	ug/m3			03/18/25 04:32	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/18/25 04:32	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/18/25 04:32	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/18/25 04:32	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/18/25 04:32	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/18/25 04:32	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/18/25 04:32	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/18/25 04:32	1
Toluene	**2.7**		0.75	0.23	ug/m3			03/18/25 04:32	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/18/25 04:32	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/18/25 04:32	1
Tetrachloroethene	**0.61**	**J**	1.4	0.14	ug/m3			03/18/25 04:32	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/18/25 04:32	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/18/25 04:32	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/18/25 04:32	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/18/25 04:32	1
Ethylbenzene	**4.5**		0.87	0.30	ug/m3			03/18/25 04:32	1
m,p-Xylene	**34**		2.2	0.41	ug/m3			03/18/25 04:32	1
o-Xylene	**12**		0.87	0.27	ug/m3			03/18/25 04:32	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/18/25 04:32	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/18/25 04:32	1
Cumene	**0.45**	**J**	0.98	0.20	ug/m3			03/18/25 04:32	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/18/25 04:32	1
n-Propylbenzene	**0.67**	**J**	0.98	0.23	ug/m3			03/18/25 04:32	1
4-Ethyltoluene	**1.1**		0.98	0.24	ug/m3			03/18/25 04:32	1
1,3,5-Trimethylbenzene	**1.7**		0.98	0.23	ug/m3			03/18/25 04:32	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/18/25 04:32	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/18/25 04:32	1
1,2,4-Trimethylbenzene	**4.5**		0.98	0.39	ug/m3			03/18/25 04:32	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/18/25 04:32	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/18/25 04:32	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/18/25 04:32	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/18/25 04:32	1

Client Sample ID: MP-4_20250312
Date Collected: 03/13/25 12:09
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-4
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/18/25 04:32	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/18/25 04:32	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/18/25 04:32	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/18/25 04:32	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/18/25 04:32	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/18/25 04:32	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.46**	**J**	0.50	0.11	ppb v/v			03/18/25 04:32	1
Chlorodifluoromethane	**2.0**		0.50	0.12	ppb v/v			03/18/25 04:32	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/18/25 04:32	1
Chloromethane	**0.62**		0.50	0.15	ppb v/v			03/18/25 04:32	1
n-Butane	**7.1**		0.50	0.20	ppb v/v			03/18/25 04:32	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/18/25 04:32	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/18/25 04:32	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/18/25 04:32	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/18/25 04:32	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/18/25 04:32	1
Trichlorofluoromethane	**0.19**		0.20	0.050	ppb v/v			03/18/25 04:32	1
1,1,2-Trichlorotrifluoroethane	**0.058**	**J**	0.20	0.053	ppb v/v			03/18/25 04:32	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/18/25 04:32	1
Acetone	**7.2**		5.0	1.6	ppb v/v			03/18/25 04:32	1
Isopropyl alcohol	**2.4**	**J**	5.0	1.6	ppb v/v			03/18/25 04:32	1
Carbon disulfide	**0.14**	**J**	0.50	0.13	ppb v/v			03/18/25 04:32	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/18/25 04:32	1
Methylene Chloride	**0.26**	**J**	0.50	0.18	ppb v/v			03/18/25 04:32	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/18/25 04:32	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/18/25 04:32	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/18/25 04:32	1
n-Hexane	**4.5**		0.50	0.11	ppb v/v			03/18/25 04:32	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/18/25 04:32	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/18/25 04:32	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/18/25 04:32	1
Chloroform	**0.056**	**J**	0.20	0.041	ppb v/v			03/18/25 04:32	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/18/25 04:32	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/18/25 04:32	1
Cyclohexane	**0.51**		0.20	0.058	ppb v/v			03/18/25 04:32	1
Carbon tetrachloride	**0.062**		0.035	0.022	ppb v/v			03/18/25 04:32	1
2,2,4-Trimethylpentane	**0.80**		0.20	0.038	ppb v/v			03/18/25 04:32	1
Benzene	**0.31**		0.20	0.044	ppb v/v			03/18/25 04:32	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/18/25 04:32	1
n-Heptane	**0.21**		0.20	0.055	ppb v/v			03/18/25 04:32	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/18/25 04:32	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/18/25 04:32	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/18/25 04:32	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/18/25 04:32	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 04:32	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/18/25 04:32	1

Client Sample ID: MP-4_20250312

Lab Sample ID: 200-77312-4

Date Collected: 03/13/25 12:09
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/18/25 04:32	1
Toluene	**0.72**		0.20	0.062	ppb v/v			03/18/25 04:32	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/18/25 04:32	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/18/25 04:32	1
Tetrachloroethene	**0.089**	**J**	0.20	0.021	ppb v/v			03/18/25 04:32	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/18/25 04:32	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/18/25 04:32	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/18/25 04:32	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 04:32	1
Ethylbenzene	**1.0**		0.20	0.069	ppb v/v			03/18/25 04:32	1
m,p-Xylene	**7.9**		0.50	0.095	ppb v/v			03/18/25 04:32	1
o-Xylene	**2.8**		0.20	0.063	ppb v/v			03/18/25 04:32	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/18/25 04:32	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/18/25 04:32	1
Cumene	**0.091**	**J**	0.20	0.041	ppb v/v			03/18/25 04:32	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/18/25 04:32	1
n-Propylbenzene	**0.14**	**J**	0.20	0.047	ppb v/v			03/18/25 04:32	1
4-Ethyltoluene	**0.22**		0.20	0.049	ppb v/v			03/18/25 04:32	1
1,3,5-Trimethylbenzene	**0.34**		0.20	0.047	ppb v/v			03/18/25 04:32	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/18/25 04:32	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 04:32	1
1,2,4-Trimethylbenzene	**0.92**		0.20	0.080	ppb v/v			03/18/25 04:32	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/18/25 04:32	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/18/25 04:32	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/18/25 04:32	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/18/25 04:32	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/18/25 04:32	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/18/25 04:32	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/18/25 04:32	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/18/25 04:32	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/18/25 04:32	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/18/25 04:32	1

Client Sample ID: MP-5_20250312

Lab Sample ID: 200-77312-5

Date Collected: 03/13/25 12:06
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			03/18/25 05:37	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			03/18/25 05:37	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/18/25 05:37	1
Chloromethane	**0.77**	**J**	1.0	0.31	ug/m3			03/18/25 05:37	1
n-Butane	**4.3**		1.2	0.48	ug/m3			03/18/25 05:37	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/18/25 05:37	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/18/25 05:37	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/18/25 05:37	1

Client Sample ID: MP-5_20250312
Date Collected: 03/13/25 12:06
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-5
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/18/25 05:37	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/18/25 05:37	1
Trichlorofluoromethane	**1.0**	**J**	1.1	0.28	ug/m3			03/18/25 05:37	1
1,1,2-Trichlorotrifluoroethane	**0.45**	**J**	1.5	0.41	ug/m3			03/18/25 05:37	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/18/25 05:37	1
Acetone	**11**	**J**	12	3.8	ug/m3			03/18/25 05:37	1
Isopropyl alcohol	**8.7**	**J**	12	3.9	ug/m3			03/18/25 05:37	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/18/25 05:37	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/18/25 05:37	1
Methylene Chloride	**0.67**	**J**	1.7	0.63	ug/m3			03/18/25 05:37	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/18/25 05:37	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/18/25 05:37	1
trans-1,2-Dichloroethene	**0.72**	**J**	0.79	0.091	ug/m3			03/18/25 05:37	1
n-Hexane	**4.1**		1.8	0.39	ug/m3			03/18/25 05:37	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/18/25 05:37	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/18/25 05:37	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/18/25 05:37	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/18/25 05:37	1
Tetrahydrofuran	**12**	**J**	15	3.8	ug/m3			03/18/25 05:37	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/18/25 05:37	1
Cyclohexane	**0.61**	**J**	0.69	0.20	ug/m3			03/18/25 05:37	1
Carbon tetrachloride	**0.41**		0.22	0.14	ug/m3			03/18/25 05:37	1
2,2,4-Trimethylpentane	**0.96**		0.93	0.18	ug/m3			03/18/25 05:37	1
Benzene	**0.74**		0.64	0.14	ug/m3			03/18/25 05:37	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/18/25 05:37	1
n-Heptane	**0.66**	**J**	0.82	0.23	ug/m3			03/18/25 05:37	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/18/25 05:37	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/18/25 05:37	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/18/25 05:37	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/18/25 05:37	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/18/25 05:37	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/18/25 05:37	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/18/25 05:37	1
Toluene	**2.4**		0.75	0.23	ug/m3			03/18/25 05:37	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/18/25 05:37	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/18/25 05:37	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			03/18/25 05:37	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/18/25 05:37	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/18/25 05:37	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/18/25 05:37	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/18/25 05:37	1
Ethylbenzene	**0.58**	**J**	0.87	0.30	ug/m3			03/18/25 05:37	1
m,p-Xylene	**2.5**		2.2	0.41	ug/m3			03/18/25 05:37	1
o-Xylene	**1.0**		0.87	0.27	ug/m3			03/18/25 05:37	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/18/25 05:37	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/18/25 05:37	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/18/25 05:37	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/18/25 05:37	1

Client Sample ID: MP-5_20250312
Date Collected: 03/13/25 12:06
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-5
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 05:37	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/18/25 05:37	1
1,3,5-Trimethylbenzene	**0.30**	**J**	0.98	0.23	ug/m3			03/18/25 05:37	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/18/25 05:37	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/18/25 05:37	1
1,2,4-Trimethylbenzene	**1.3**		0.98	0.39	ug/m3			03/18/25 05:37	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/18/25 05:37	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/18/25 05:37	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/18/25 05:37	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/18/25 05:37	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/18/25 05:37	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/18/25 05:37	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/18/25 05:37	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/18/25 05:37	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/18/25 05:37	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/18/25 05:37	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.42**	**J**	0.50	0.11	ppb v/v			03/18/25 05:37	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			03/18/25 05:37	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/18/25 05:37	1
Chloromethane	**0.37**	**J**	0.50	0.15	ppb v/v			03/18/25 05:37	1
n-Butane	**1.8**		0.50	0.20	ppb v/v			03/18/25 05:37	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/18/25 05:37	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/18/25 05:37	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/18/25 05:37	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/18/25 05:37	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/18/25 05:37	1
Trichlorofluoromethane	**0.18**	**J**	0.20	0.050	ppb v/v			03/18/25 05:37	1
1,1,2-Trichlorotrifluoroethane	**0.059**	**J**	0.20	0.053	ppb v/v			03/18/25 05:37	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/18/25 05:37	1
Acetone	**4.5**	**J**	5.0	1.6	ppb v/v			03/18/25 05:37	1
Isopropyl alcohol	**3.5**	**J**	5.0	1.6	ppb v/v			03/18/25 05:37	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/18/25 05:37	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/18/25 05:37	1
Methylene Chloride	**0.19**	**J**	0.50	0.18	ppb v/v			03/18/25 05:37	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/18/25 05:37	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/18/25 05:37	1
trans-1,2-Dichloroethene	**0.18**	**J**	0.20	0.023	ppb v/v			03/18/25 05:37	1
n-Hexane	**1.2**		0.50	0.11	ppb v/v			03/18/25 05:37	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/18/25 05:37	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/18/25 05:37	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/18/25 05:37	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/18/25 05:37	1
Tetrahydrofuran	**4.0**	**J**	5.0	1.3	ppb v/v			03/18/25 05:37	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/18/25 05:37	1
Cyclohexane	**0.18**	**J**	0.20	0.058	ppb v/v			03/18/25 05:37	1
Carbon tetrachloride	**0.065**		0.035	0.022	ppb v/v			03/18/25 05:37	1
2,2,4-Trimethylpentane	**0.21**		0.20	0.038	ppb v/v			03/18/25 05:37	1

Client Sample ID: MP-5_20250312
Date Collected: 03/13/25 12:06
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-5
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.23**		0.20	0.044	ppb v/v			03/18/25 05:37	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/18/25 05:37	1
n-Heptane	**0.16**	**J**	0.20	0.055	ppb v/v			03/18/25 05:37	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/18/25 05:37	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/18/25 05:37	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/18/25 05:37	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/18/25 05:37	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 05:37	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/18/25 05:37	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/18/25 05:37	1
Toluene	**0.64**		0.20	0.062	ppb v/v			03/18/25 05:37	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/18/25 05:37	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/18/25 05:37	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			03/18/25 05:37	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/18/25 05:37	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/18/25 05:37	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/18/25 05:37	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 05:37	1
Ethylbenzene	**0.13**	**J**	0.20	0.069	ppb v/v			03/18/25 05:37	1
m,p-Xylene	**0.57**		0.50	0.095	ppb v/v			03/18/25 05:37	1
o-Xylene	**0.23**		0.20	0.063	ppb v/v			03/18/25 05:37	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/18/25 05:37	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/18/25 05:37	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/18/25 05:37	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/18/25 05:37	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 05:37	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/18/25 05:37	1
1,3,5-Trimethylbenzene	**0.061**	**J**	0.20	0.047	ppb v/v			03/18/25 05:37	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/18/25 05:37	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 05:37	1
1,2,4-Trimethylbenzene	**0.25**		0.20	0.080	ppb v/v			03/18/25 05:37	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/18/25 05:37	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/18/25 05:37	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/18/25 05:37	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/18/25 05:37	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/18/25 05:37	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/18/25 05:37	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/18/25 05:37	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/18/25 05:37	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/18/25 05:37	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/18/25 05:37	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-6_20250312
Date Collected: 03/13/25 15:30
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-6
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			03/18/25 11:44	1
Chlorodifluoromethane	**2.8**		1.8	0.42	ug/m3			03/18/25 11:44	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/18/25 11:44	1
Chloromethane	**1.2**		1.0	0.31	ug/m3			03/18/25 11:44	1
n-Butane	**18**		1.2	0.48	ug/m3			03/18/25 11:44	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/18/25 11:44	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/18/25 11:44	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/18/25 11:44	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/18/25 11:44	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/18/25 11:44	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/18/25 11:44	1
1,1,2-Trichlorotrifluoroethane	**0.53**	**J**	1.5	0.41	ug/m3			03/18/25 11:44	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/18/25 11:44	1
Acetone	**24**		12	3.8	ug/m3			03/18/25 11:44	1
Isopropyl alcohol	**5.9**	**J**	12	3.9	ug/m3			03/18/25 11:44	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/18/25 11:44	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/18/25 11:44	1
Methylene Chloride	**0.99**	**J**	1.7	0.63	ug/m3			03/18/25 11:44	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/18/25 11:44	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/18/25 11:44	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/18/25 11:44	1
n-Hexane	**17**		1.8	0.39	ug/m3			03/18/25 11:44	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/18/25 11:44	1
Methyl Ethyl Ketone (2-Butanone)	**1.5**		1.5	1.4	ug/m3			03/18/25 11:44	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/18/25 11:44	1
Chloroform	**0.48**	**J**	0.98	0.20	ug/m3			03/18/25 11:44	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/18/25 11:44	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/18/25 11:44	1
Cyclohexane	**1.9**		0.69	0.20	ug/m3			03/18/25 11:44	1
Carbon tetrachloride	**0.39**		0.22	0.14	ug/m3			03/18/25 11:44	1
2,2,4-Trimethylpentane	**4.5**		0.93	0.18	ug/m3			03/18/25 11:44	1
Benzene	**1.1**		0.64	0.14	ug/m3			03/18/25 11:44	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/18/25 11:44	1
n-Heptane	**0.96**		0.82	0.23	ug/m3			03/18/25 11:44	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/18/25 11:44	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/18/25 11:44	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/18/25 11:44	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/18/25 11:44	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/18/25 11:44	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/18/25 11:44	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/18/25 11:44	1
Toluene	**1.9**		0.75	0.23	ug/m3			03/18/25 11:44	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/18/25 11:44	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/18/25 11:44	1
Tetrachloroethene	**0.56**	**J**	1.4	0.14	ug/m3			03/18/25 11:44	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/18/25 11:44	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/18/25 11:44	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/18/25 11:44	1

Client Sample ID: MP-6_20250312
Date Collected: 03/13/25 15:30
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-6
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/18/25 11:44	1
Ethylbenzene	**0.39**	**J**	0.87	0.30	ug/m3			03/18/25 11:44	1
m,p-Xylene	**1.6**	**J**	2.2	0.41	ug/m3			03/18/25 11:44	1
o-Xylene	**0.61**	**J**	0.87	0.27	ug/m3			03/18/25 11:44	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/18/25 11:44	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/18/25 11:44	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/18/25 11:44	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/18/25 11:44	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 11:44	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/18/25 11:44	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 11:44	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/18/25 11:44	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/18/25 11:44	1
1,2,4-Trimethylbenzene	**0.67**	**J**	0.98	0.39	ug/m3			03/18/25 11:44	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/18/25 11:44	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/18/25 11:44	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/18/25 11:44	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/18/25 11:44	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/18/25 11:44	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/18/25 11:44	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/18/25 11:44	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/18/25 11:44	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/18/25 11:44	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/18/25 11:44	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.47**	**J**	0.50	0.11	ppb v/v			03/18/25 11:44	1
Chlorodifluoromethane	**0.80**		0.50	0.12	ppb v/v			03/18/25 11:44	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/18/25 11:44	1
Chloromethane	**0.59**		0.50	0.15	ppb v/v			03/18/25 11:44	1
n-Butane	**7.7**		0.50	0.20	ppb v/v			03/18/25 11:44	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/18/25 11:44	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/18/25 11:44	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/18/25 11:44	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/18/25 11:44	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/18/25 11:44	1
Trichlorofluoromethane	**0.20**		0.20	0.050	ppb v/v			03/18/25 11:44	1
1,1,2-Trichlorotrifluoroethane	**0.069**	**J**	0.20	0.053	ppb v/v			03/18/25 11:44	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/18/25 11:44	1
Acetone	**10**		5.0	1.6	ppb v/v			03/18/25 11:44	1
Isopropyl alcohol	**2.4**	**J**	5.0	1.6	ppb v/v			03/18/25 11:44	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/18/25 11:44	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/18/25 11:44	1
Methylene Chloride	**0.29**	**J**	0.50	0.18	ppb v/v			03/18/25 11:44	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/18/25 11:44	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/18/25 11:44	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/18/25 11:44	1
n-Hexane	**4.7**		0.50	0.11	ppb v/v			03/18/25 11:44	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/18/25 11:44	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-6_20250312
Date Collected: 03/13/25 15:30
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-6
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**0.51**		0.50	0.49	ppb v/v			03/18/25 11:44	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/18/25 11:44	1
Chloroform	**0.099**	**J**	0.20	0.041	ppb v/v			03/18/25 11:44	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/18/25 11:44	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/18/25 11:44	1
Cyclohexane	**0.55**		0.20	0.058	ppb v/v			03/18/25 11:44	1
Carbon tetrachloride	**0.062**		0.035	0.022	ppb v/v			03/18/25 11:44	1
2,2,4-Trimethylpentane	**0.96**		0.20	0.038	ppb v/v			03/18/25 11:44	1
Benzene	**0.34**		0.20	0.044	ppb v/v			03/18/25 11:44	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/18/25 11:44	1
n-Heptane	**0.24**		0.20	0.055	ppb v/v			03/18/25 11:44	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/18/25 11:44	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/18/25 11:44	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/18/25 11:44	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/18/25 11:44	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 11:44	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/18/25 11:44	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/18/25 11:44	1
Toluene	**0.51**		0.20	0.062	ppb v/v			03/18/25 11:44	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/18/25 11:44	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/18/25 11:44	1
Tetrachloroethene	**0.083**	**J**	0.20	0.021	ppb v/v			03/18/25 11:44	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/18/25 11:44	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/18/25 11:44	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/18/25 11:44	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 11:44	1
Ethylbenzene	**0.090**	**J**	0.20	0.069	ppb v/v			03/18/25 11:44	1
m,p-Xylene	**0.37**	**J**	0.50	0.095	ppb v/v			03/18/25 11:44	1
o-Xylene	**0.14**	**J**	0.20	0.063	ppb v/v			03/18/25 11:44	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/18/25 11:44	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/18/25 11:44	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/18/25 11:44	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/18/25 11:44	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 11:44	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/18/25 11:44	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 11:44	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/18/25 11:44	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 11:44	1
1,2,4-Trimethylbenzene	**0.14**	**J**	0.20	0.080	ppb v/v			03/18/25 11:44	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/18/25 11:44	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/18/25 11:44	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/18/25 11:44	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/18/25 11:44	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/18/25 11:44	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/18/25 11:44	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/18/25 11:44	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/18/25 11:44	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/18/25 11:44	1

Client Sample ID: MP-6_20250312

Lab Sample ID: 200-77312-6

Date Collected: 03/13/25 15:30
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/18/25 11:44	1

Client Sample ID: IA-01_20250312

Lab Sample ID: 200-77312-7

Date Collected: 03/13/25 14:49
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			03/17/25 13:40	1
Chlorodifluoromethane	**1.2**	**J**	1.8	0.42	ug/m3			03/17/25 13:40	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 13:40	1
Chloromethane	**1.4**		1.0	0.31	ug/m3			03/17/25 13:40	1
n-Butane	**19**		1.2	0.48	ug/m3			03/17/25 13:40	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 13:40	1
1,3-Butadiene	**0.11**	**J**	0.44	0.086	ug/m3			03/17/25 13:40	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 13:40	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 13:40	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 13:40	1
Trichlorofluoromethane	**1.2**		1.1	0.28	ug/m3			03/17/25 13:40	1
1,1,2-Trichlorotrifluoroethane	**0.48**	**J**	1.5	0.41	ug/m3			03/17/25 13:40	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 13:40	1
Acetone	**13**		12	3.8	ug/m3			03/17/25 13:40	1
Isopropyl alcohol	**5.7**	**J**	12	3.9	ug/m3			03/17/25 13:40	1
Carbon disulfide	**1.0**	**J**	1.6	0.40	ug/m3			03/17/25 13:40	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 13:40	1
Methylene Chloride	**0.65**	**J**	1.7	0.63	ug/m3			03/17/25 13:40	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 13:40	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 13:40	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/17/25 13:40	1
n-Hexane	**19**		1.8	0.39	ug/m3			03/17/25 13:40	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 13:40	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/17/25 13:40	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 13:40	1
Chloroform	**0.20**	**J**	0.98	0.20	ug/m3			03/17/25 13:40	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 13:40	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 13:40	1
Cyclohexane	**1.6**		0.69	0.20	ug/m3			03/17/25 13:40	1
Carbon tetrachloride	**0.42**		0.22	0.14	ug/m3			03/17/25 13:40	1
2,2,4-Trimethylpentane	**2.6**		0.93	0.18	ug/m3			03/17/25 13:40	1
Benzene	**1.1**		0.64	0.14	ug/m3			03/17/25 13:40	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 13:40	1
n-Heptane	**0.66**	**J**	0.82	0.23	ug/m3			03/17/25 13:40	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 13:40	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 13:40	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 13:40	1
1,4-Dioxane	**0.47**	**J**	18	0.30	ug/m3			03/17/25 13:40	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 13:40	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 13:40	1

Client Sample ID: IA-01_20250312
Date Collected: 03/13/25 14:49
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-7
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 13:40	1
Toluene	**1.0**		0.75	0.23	ug/m3			03/17/25 13:40	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 13:40	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 13:40	1
Tetrachloroethene	**0.18**	**J**	1.4	0.14	ug/m3			03/17/25 13:40	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 13:40	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 13:40	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 13:40	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 13:40	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/17/25 13:40	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			03/17/25 13:40	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			03/17/25 13:40	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 13:40	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 13:40	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 13:40	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 13:40	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 13:40	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 13:40	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 13:40	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 13:40	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 13:40	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/17/25 13:40	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 13:40	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 13:40	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 13:40	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 13:40	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 13:40	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 13:40	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 13:40	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 13:40	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 13:40	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 13:40	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.45**	**J**	0.50	0.11	ppb v/v			03/17/25 13:40	1
Chlorodifluoromethane	**0.33**	**J**	0.50	0.12	ppb v/v			03/17/25 13:40	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 13:40	1
Chloromethane	**0.69**		0.50	0.15	ppb v/v			03/17/25 13:40	1
n-Butane	**8.1**		0.50	0.20	ppb v/v			03/17/25 13:40	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 13:40	1
1,3-Butadiene	**0.049**	**J**	0.20	0.039	ppb v/v			03/17/25 13:40	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 13:40	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 13:40	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 13:40	1
Trichlorofluoromethane	**0.21**		0.20	0.050	ppb v/v			03/17/25 13:40	1
1,1,2-Trichlorotrifluoroethane	**0.063**	**J**	0.20	0.053	ppb v/v			03/17/25 13:40	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 13:40	1
Acetone	**5.6**		5.0	1.6	ppb v/v			03/17/25 13:40	1

Client Sample ID: IA-01_20250312
Date Collected: 03/13/25 14:49
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-7
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	**2.3**	**J**	5.0	1.6	ppb v/v			03/17/25 13:40	1
Carbon disulfide	**0.33**	**J**	0.50	0.13	ppb v/v			03/17/25 13:40	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 13:40	1
Methylene Chloride	**0.19**	**J**	0.50	0.18	ppb v/v			03/17/25 13:40	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 13:40	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 13:40	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/17/25 13:40	1
n-Hexane	**5.3**		0.50	0.11	ppb v/v			03/17/25 13:40	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 13:40	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/17/25 13:40	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 13:40	1
Chloroform	**0.042**	**J**	0.20	0.041	ppb v/v			03/17/25 13:40	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 13:40	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 13:40	1
Cyclohexane	**0.48**		0.20	0.058	ppb v/v			03/17/25 13:40	1
Carbon tetrachloride	**0.066**		0.035	0.022	ppb v/v			03/17/25 13:40	1
2,2,4-Trimethylpentane	**0.56**		0.20	0.038	ppb v/v			03/17/25 13:40	1
Benzene	**0.36**		0.20	0.044	ppb v/v			03/17/25 13:40	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 13:40	1
n-Heptane	**0.16**	**J**	0.20	0.055	ppb v/v			03/17/25 13:40	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 13:40	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 13:40	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 13:40	1
1,4-Dioxane	**0.13**	**J**	5.0	0.082	ppb v/v			03/17/25 13:40	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 13:40	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 13:40	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 13:40	1
Toluene	**0.28**		0.20	0.062	ppb v/v			03/17/25 13:40	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 13:40	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 13:40	1
Tetrachloroethene	**0.027**	**J**	0.20	0.021	ppb v/v			03/17/25 13:40	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 13:40	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 13:40	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 13:40	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 13:40	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/17/25 13:40	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			03/17/25 13:40	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			03/17/25 13:40	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 13:40	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 13:40	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 13:40	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 13:40	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 13:40	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 13:40	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 13:40	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 13:40	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 13:40	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/17/25 13:40	1

Client Sample ID: IA-01_20250312

Lab Sample ID: 200-77312-7

Date Collected: 03/13/25 14:49
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 13:40	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 13:40	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 13:40	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 13:40	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 13:40	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 13:40	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 13:40	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 13:40	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 13:40	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 13:40	1

Client Sample ID: IA-02_20250312

Lab Sample ID: 200-77312-8

Date Collected: 03/13/25 13:28
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			03/17/25 14:31	1
Chlorodifluoromethane	**1.3**	**J**	1.8	0.42	ug/m3			03/17/25 14:31	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 14:31	1
Chloromethane	**1.5**		1.0	0.31	ug/m3			03/17/25 14:31	1
n-Butane	**20**		1.2	0.48	ug/m3			03/17/25 14:31	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 14:31	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/17/25 14:31	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 14:31	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 14:31	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 14:31	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/17/25 14:31	1
1,1,2-Trichlorotrifluoroethane	**0.48**	**J**	1.5	0.41	ug/m3			03/17/25 14:31	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 14:31	1
Acetone	**18**		12	3.8	ug/m3			03/17/25 14:31	1
Isopropyl alcohol	**7.1**	**J**	12	3.9	ug/m3			03/17/25 14:31	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/17/25 14:31	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 14:31	1
Methylene Chloride	**1.7**		1.7	0.63	ug/m3			03/17/25 14:31	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 14:31	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 14:31	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/17/25 14:31	1
n-Hexane	**17**		1.8	0.39	ug/m3			03/17/25 14:31	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 14:31	1
Methyl Ethyl Ketone (2-Butanone)	**1.4**	**J**	1.5	1.4	ug/m3			03/17/25 14:31	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 14:31	1
Chloroform	**0.22**	**J**	0.98	0.20	ug/m3			03/17/25 14:31	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 14:31	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 14:31	1
Cyclohexane	**2.5**		0.69	0.20	ug/m3			03/17/25 14:31	1
Carbon tetrachloride	**0.33**		0.22	0.14	ug/m3			03/17/25 14:31	1
2,2,4-Trimethylpentane	**2.8**		0.93	0.18	ug/m3			03/17/25 14:31	1

Client Sample ID: IA-02_20250312
Date Collected: 03/13/25 13:28
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-8
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.1**		0.64	0.14	ug/m3			03/17/25 14:31	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 14:31	1
n-Heptane	**1.3**		0.82	0.23	ug/m3			03/17/25 14:31	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 14:31	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 14:31	1
1,2-Dichloropropane	**0.98**		0.92	0.43	ug/m3			03/17/25 14:31	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/17/25 14:31	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 14:31	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 14:31	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 14:31	1
Toluene	**8.9**		0.75	0.23	ug/m3			03/17/25 14:31	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 14:31	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 14:31	1
Tetrachloroethene	**0.22**	**J**	1.4	0.14	ug/m3			03/17/25 14:31	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 14:31	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 14:31	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 14:31	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 14:31	1
Ethylbenzene	**0.32**	**J**	0.87	0.30	ug/m3			03/17/25 14:31	1
m,p-Xylene	**0.98**	**J**	2.2	0.41	ug/m3			03/17/25 14:31	1
o-Xylene	**0.33**	**J**	0.87	0.27	ug/m3			03/17/25 14:31	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 14:31	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 14:31	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 14:31	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 14:31	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 14:31	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 14:31	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 14:31	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 14:31	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 14:31	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/17/25 14:31	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 14:31	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 14:31	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 14:31	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 14:31	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 14:31	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 14:31	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 14:31	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 14:31	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 14:31	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 14:31	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.44**	**J**	0.50	0.11	ppb v/v			03/17/25 14:31	1
Chlorodifluoromethane	**0.37**	**J**	0.50	0.12	ppb v/v			03/17/25 14:31	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 14:31	1
Chloromethane	**0.70**		0.50	0.15	ppb v/v			03/17/25 14:31	1
n-Butane	**8.4**		0.50	0.20	ppb v/v			03/17/25 14:31	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: IA-02_20250312
Date Collected: 03/13/25 13:28
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-8
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 14:31	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/17/25 14:31	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 14:31	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 14:31	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 14:31	1
Trichlorofluoromethane	**0.20**		0.20	0.050	ppb v/v			03/17/25 14:31	1
1,1,2-Trichlorotrifluoroethane	**0.062**	**J**	0.20	0.053	ppb v/v			03/17/25 14:31	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 14:31	1
Acetone	**7.4**		5.0	1.6	ppb v/v			03/17/25 14:31	1
Isopropyl alcohol	**2.9**	**J**	5.0	1.6	ppb v/v			03/17/25 14:31	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/17/25 14:31	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 14:31	1
Methylene Chloride	**0.49**		0.50	0.18	ppb v/v			03/17/25 14:31	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 14:31	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 14:31	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/17/25 14:31	1
n-Hexane	**4.8**		0.50	0.11	ppb v/v			03/17/25 14:31	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 14:31	1
Methyl Ethyl Ketone (2-Butanone)	**0.47**	**J**	0.50	0.49	ppb v/v			03/17/25 14:31	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 14:31	1
Chloroform	**0.046**	**J**	0.20	0.041	ppb v/v			03/17/25 14:31	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 14:31	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 14:31	1
Cyclohexane	**0.73**		0.20	0.058	ppb v/v			03/17/25 14:31	1
Carbon tetrachloride	**0.052**		0.035	0.022	ppb v/v			03/17/25 14:31	1
2,2,4-Trimethylpentane	**0.59**		0.20	0.038	ppb v/v			03/17/25 14:31	1
Benzene	**0.35**		0.20	0.044	ppb v/v			03/17/25 14:31	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 14:31	1
n-Heptane	**0.32**		0.20	0.055	ppb v/v			03/17/25 14:31	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 14:31	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 14:31	1
1,2-Dichloropropane	**0.21**		0.20	0.094	ppb v/v			03/17/25 14:31	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/17/25 14:31	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 14:31	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 14:31	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 14:31	1
Toluene	**2.4**		0.20	0.062	ppb v/v			03/17/25 14:31	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 14:31	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 14:31	1
Tetrachloroethene	**0.032**	**J**	0.20	0.021	ppb v/v			03/17/25 14:31	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 14:31	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 14:31	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 14:31	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 14:31	1
Ethylbenzene	**0.075**	**J**	0.20	0.069	ppb v/v			03/17/25 14:31	1
m,p-Xylene	**0.23**	**J**	0.50	0.095	ppb v/v			03/17/25 14:31	1
o-Xylene	**0.077**	**J**	0.20	0.063	ppb v/v			03/17/25 14:31	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 14:31	1

Client Sample ID: IA-02_20250312

Lab Sample ID: 200-77312-8

Date Collected: 03/13/25 13:28
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 14:31	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 14:31	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 14:31	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 14:31	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 14:31	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 14:31	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 14:31	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 14:31	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/17/25 14:31	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 14:31	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 14:31	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 14:31	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 14:31	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 14:31	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 14:31	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 14:31	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 14:31	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 14:31	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 14:31	1

Client Sample ID: IA-03_20250312

Lab Sample ID: 200-77312-9

Date Collected: 03/13/25 14:51
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			03/17/25 15:22	1
Chlorodifluoromethane	**1.2**	**J**	1.8	0.42	ug/m3			03/17/25 15:22	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 15:22	1
Chloromethane	**1.4**		1.0	0.31	ug/m3			03/17/25 15:22	1
n-Butane	**20**		1.2	0.48	ug/m3			03/17/25 15:22	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 15:22	1
1,3-Butadiene	**0.13**	**J**	0.44	0.086	ug/m3			03/17/25 15:22	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 15:22	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 15:22	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 15:22	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/17/25 15:22	1
1,1,2-Trichlorotrifluoroethane	**0.48**	**J**	1.5	0.41	ug/m3			03/17/25 15:22	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 15:22	1
Acetone	**20**		12	3.8	ug/m3			03/17/25 15:22	1
Isopropyl alcohol	**5.5**	**J**	12	3.9	ug/m3			03/17/25 15:22	1
Carbon disulfide	**0.74**	**J**	1.6	0.40	ug/m3			03/17/25 15:22	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 15:22	1
Methylene Chloride	**0.65**	**J**	1.7	0.63	ug/m3			03/17/25 15:22	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 15:22	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 15:22	1
trans-1,2-Dichloroethene	**0.19**	**J**	0.79	0.091	ug/m3			03/17/25 15:22	1
n-Hexane	**20**		1.8	0.39	ug/m3			03/17/25 15:22	1

Client Sample ID: IA-03_20250312
Date Collected: 03/13/25 14:51
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-9
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 15:22	1
Methyl Ethyl Ketone (2-Butanone)	**1.6**		1.5	1.4	ug/m3			03/17/25 15:22	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 15:22	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/17/25 15:22	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 15:22	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 15:22	1
Cyclohexane	**1.7**		0.69	0.20	ug/m3			03/17/25 15:22	1
Carbon tetrachloride	**0.41**		0.22	0.14	ug/m3			03/17/25 15:22	1
2,2,4-Trimethylpentane	**2.8**		0.93	0.18	ug/m3			03/17/25 15:22	1
Benzene	**1.2**		0.64	0.14	ug/m3			03/17/25 15:22	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 15:22	1
n-Heptane	**1.2**		0.82	0.23	ug/m3			03/17/25 15:22	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 15:22	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 15:22	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 15:22	1
1,4-Dioxane	**0.61**	**J**	18	0.30	ug/m3			03/17/25 15:22	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 15:22	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 15:22	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 15:22	1
Toluene	**1.3**		0.75	0.23	ug/m3			03/17/25 15:22	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 15:22	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 15:22	1
Tetrachloroethene	**0.19**	**J**	1.4	0.14	ug/m3			03/17/25 15:22	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 15:22	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 15:22	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 15:22	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 15:22	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/17/25 15:22	1
m,p-Xylene	**0.77**	**J**	2.2	0.41	ug/m3			03/17/25 15:22	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			03/17/25 15:22	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 15:22	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 15:22	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 15:22	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 15:22	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 15:22	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 15:22	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 15:22	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 15:22	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 15:22	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/17/25 15:22	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 15:22	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 15:22	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 15:22	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 15:22	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 15:22	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 15:22	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 15:22	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 15:22	1

Client Sample ID: IA-03_20250312
Date Collected: 03/13/25 14:51
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-9
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 15:22	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 15:22	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.44**	**J**	0.50	0.11	ppb v/v			03/17/25 15:22	1
Chlorodifluoromethane	**0.33**	**J**	0.50	0.12	ppb v/v			03/17/25 15:22	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 15:22	1
Chloromethane	**0.70**		0.50	0.15	ppb v/v			03/17/25 15:22	1
n-Butane	**8.4**		0.50	0.20	ppb v/v			03/17/25 15:22	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 15:22	1
1,3-Butadiene	**0.057**	**J**	0.20	0.039	ppb v/v			03/17/25 15:22	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 15:22	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 15:22	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 15:22	1
Trichlorofluoromethane	**0.20**		0.20	0.050	ppb v/v			03/17/25 15:22	1
1,1,2-Trichlorotrifluoroethane	**0.062**	**J**	0.20	0.053	ppb v/v			03/17/25 15:22	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 15:22	1
Acetone	**8.4**		5.0	1.6	ppb v/v			03/17/25 15:22	1
Isopropyl alcohol	**2.2**	**J**	5.0	1.6	ppb v/v			03/17/25 15:22	1
Carbon disulfide	**0.24**	**J**	0.50	0.13	ppb v/v			03/17/25 15:22	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 15:22	1
Methylene Chloride	**0.19**	**J**	0.50	0.18	ppb v/v			03/17/25 15:22	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 15:22	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 15:22	1
trans-1,2-Dichloroethene	**0.049**	**J**	0.20	0.023	ppb v/v			03/17/25 15:22	1
n-Hexane	**5.6**		0.50	0.11	ppb v/v			03/17/25 15:22	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 15:22	1
Methyl Ethyl Ketone (2-Butanone)	**0.54**		0.50	0.49	ppb v/v			03/17/25 15:22	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 15:22	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/17/25 15:22	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 15:22	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 15:22	1
Cyclohexane	**0.49**		0.20	0.058	ppb v/v			03/17/25 15:22	1
Carbon tetrachloride	**0.066**		0.035	0.022	ppb v/v			03/17/25 15:22	1
2,2,4-Trimethylpentane	**0.59**		0.20	0.038	ppb v/v			03/17/25 15:22	1
Benzene	**0.37**		0.20	0.044	ppb v/v			03/17/25 15:22	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 15:22	1
n-Heptane	**0.29**		0.20	0.055	ppb v/v			03/17/25 15:22	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 15:22	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 15:22	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 15:22	1
1,4-Dioxane	**0.17**	**J**	5.0	0.082	ppb v/v			03/17/25 15:22	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 15:22	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 15:22	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 15:22	1
Toluene	**0.34**		0.20	0.062	ppb v/v			03/17/25 15:22	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 15:22	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 15:22	1

Client Sample ID: IA-03_20250312

Lab Sample ID: 200-77312-9

Date Collected: 03/13/25 14:51
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.028**	**J**	0.20	0.021	ppb v/v			03/17/25 15:22	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 15:22	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 15:22	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 15:22	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 15:22	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/17/25 15:22	1
m,p-Xylene	**0.18**	**J**	0.50	0.095	ppb v/v			03/17/25 15:22	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			03/17/25 15:22	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 15:22	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 15:22	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 15:22	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 15:22	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 15:22	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 15:22	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 15:22	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 15:22	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 15:22	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/17/25 15:22	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 15:22	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 15:22	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 15:22	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 15:22	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 15:22	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 15:22	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 15:22	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 15:22	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 15:22	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 15:22	1

Client Sample ID: IA-04_20250312

Lab Sample ID: 200-77312-10

Date Collected: 03/13/25 12:09
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			03/17/25 16:13	1
Chlorodifluoromethane	**1.2**	**J**	1.8	0.42	ug/m3			03/17/25 16:13	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 16:13	1
Chloromethane	**1.5**		1.0	0.31	ug/m3			03/17/25 16:13	1
n-Butane	**20**		1.2	0.48	ug/m3			03/17/25 16:13	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 16:13	1
1,3-Butadiene	**0.12**	**J**	0.44	0.086	ug/m3			03/17/25 16:13	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 16:13	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 16:13	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 16:13	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/17/25 16:13	1
1,1,2-Trichlorotrifluoroethane	**0.47**	**J**	1.5	0.41	ug/m3			03/17/25 16:13	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 16:13	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: IA-04_20250312
Date Collected: 03/13/25 12:09
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-10
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**13**		12	3.8	ug/m3			03/17/25 16:13	1
Isopropyl alcohol	**6.6**	**J**	12	3.9	ug/m3			03/17/25 16:13	1
Carbon disulfide	**0.48**	**J**	1.6	0.40	ug/m3			03/17/25 16:13	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 16:13	1
Methylene Chloride	**0.68**	**J**	1.7	0.63	ug/m3			03/17/25 16:13	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 16:13	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 16:13	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/17/25 16:13	1
n-Hexane	**19**		1.8	0.39	ug/m3			03/17/25 16:13	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 16:13	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/17/25 16:13	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 16:13	1
Chloroform	**0.23**	**J**	0.98	0.20	ug/m3			03/17/25 16:13	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 16:13	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 16:13	1
Cyclohexane	**1.6**		0.69	0.20	ug/m3			03/17/25 16:13	1
Carbon tetrachloride	**0.38**		0.22	0.14	ug/m3			03/17/25 16:13	1
2,2,4-Trimethylpentane	**2.7**		0.93	0.18	ug/m3			03/17/25 16:13	1
Benzene	**1.1**		0.64	0.14	ug/m3			03/17/25 16:13	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 16:13	1
n-Heptane	**0.73**	**J**	0.82	0.23	ug/m3			03/17/25 16:13	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 16:13	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 16:13	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 16:13	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/17/25 16:13	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 16:13	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 16:13	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 16:13	1
Toluene	**1.3**		0.75	0.23	ug/m3			03/17/25 16:13	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 16:13	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 16:13	1
Tetrachloroethene	**0.18**	**J**	1.4	0.14	ug/m3			03/17/25 16:13	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 16:13	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 16:13	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 16:13	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 16:13	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/17/25 16:13	1
m,p-Xylene	**0.74**	**J**	2.2	0.41	ug/m3			03/17/25 16:13	1
o-Xylene	**0.28**	**J**	0.87	0.27	ug/m3			03/17/25 16:13	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 16:13	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 16:13	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 16:13	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 16:13	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 16:13	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 16:13	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 16:13	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 16:13	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 16:13	1

Client Sample ID: IA-04_20250312
Date Collected: 03/13/25 12:09
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-10
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/17/25 16:13	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 16:13	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 16:13	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 16:13	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 16:13	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 16:13	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 16:13	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 16:13	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 16:13	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 16:13	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 16:13	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.43**	**J**	0.50	0.11	ppb v/v			03/17/25 16:13	1
Chlorodifluoromethane	**0.33**	**J**	0.50	0.12	ppb v/v			03/17/25 16:13	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 16:13	1
Chloromethane	**0.73**		0.50	0.15	ppb v/v			03/17/25 16:13	1
n-Butane	**8.3**		0.50	0.20	ppb v/v			03/17/25 16:13	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 16:13	1
1,3-Butadiene	**0.054**	**J**	0.20	0.039	ppb v/v			03/17/25 16:13	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 16:13	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 16:13	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 16:13	1
Trichlorofluoromethane	**0.20**		0.20	0.050	ppb v/v			03/17/25 16:13	1
1,1,2-Trichlorotrifluoroethane	**0.061**	**J**	0.20	0.053	ppb v/v			03/17/25 16:13	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 16:13	1
Acetone	**5.6**		5.0	1.6	ppb v/v			03/17/25 16:13	1
Isopropyl alcohol	**2.7**	**J**	5.0	1.6	ppb v/v			03/17/25 16:13	1
Carbon disulfide	**0.15**	**J**	0.50	0.13	ppb v/v			03/17/25 16:13	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 16:13	1
Methylene Chloride	**0.20**	**J**	0.50	0.18	ppb v/v			03/17/25 16:13	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 16:13	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 16:13	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/17/25 16:13	1
n-Hexane	**5.3**		0.50	0.11	ppb v/v			03/17/25 16:13	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 16:13	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/17/25 16:13	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 16:13	1
Chloroform	**0.047**	**J**	0.20	0.041	ppb v/v			03/17/25 16:13	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 16:13	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 16:13	1
Cyclohexane	**0.47**		0.20	0.058	ppb v/v			03/17/25 16:13	1
Carbon tetrachloride	**0.061**		0.035	0.022	ppb v/v			03/17/25 16:13	1
2,2,4-Trimethylpentane	**0.57**		0.20	0.038	ppb v/v			03/17/25 16:13	1
Benzene	**0.36**		0.20	0.044	ppb v/v			03/17/25 16:13	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 16:13	1
n-Heptane	**0.18**	**J**	0.20	0.055	ppb v/v			03/17/25 16:13	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 16:13	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 16:13	1

Client Sample ID: IA-04_20250312

Lab Sample ID: 200-77312-10

Date Collected: 03/13/25 12:09
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 16:13	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/17/25 16:13	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 16:13	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 16:13	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 16:13	1
Toluene	**0.34**		0.20	0.062	ppb v/v			03/17/25 16:13	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 16:13	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 16:13	1
Tetrachloroethene	**0.026**	**J**	0.20	0.021	ppb v/v			03/17/25 16:13	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 16:13	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 16:13	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 16:13	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 16:13	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/17/25 16:13	1
m,p-Xylene	**0.17**	**J**	0.50	0.095	ppb v/v			03/17/25 16:13	1
o-Xylene	**0.065**	**J**	0.20	0.063	ppb v/v			03/17/25 16:13	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 16:13	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 16:13	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 16:13	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 16:13	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 16:13	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 16:13	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 16:13	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 16:13	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 16:13	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/17/25 16:13	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 16:13	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 16:13	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 16:13	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 16:13	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 16:13	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 16:13	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 16:13	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 16:13	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 16:13	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 16:13	1

Client Sample ID: IA-05_20250312

Lab Sample ID: 200-77312-11

Date Collected: 03/13/25 12:06
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			03/17/25 17:06	1
Chlorodifluoromethane	**1.2**	**J**	1.8	0.42	ug/m3			03/17/25 17:06	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 17:06	1
Chloromethane	**1.5**		1.0	0.31	ug/m3			03/17/25 17:06	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: IA-05_20250312
Date Collected: 03/13/25 12:06
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-11
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**19**		1.2	0.48	ug/m3			03/17/25 17:06	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 17:06	1
1,3-Butadiene	**0.10**	**J**	0.44	0.086	ug/m3			03/17/25 17:06	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 17:06	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 17:06	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 17:06	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/17/25 17:06	1
1,1,2-Trichlorotrifluoroethane	**0.47**	**J**	1.5	0.41	ug/m3			03/17/25 17:06	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 17:06	1
Acetone	**11**	**J**	12	3.8	ug/m3			03/17/25 17:06	1
Isopropyl alcohol	**5.6**	**J**	12	3.9	ug/m3			03/17/25 17:06	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/17/25 17:06	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 17:06	1
Methylene Chloride	**0.68**	**J**	1.7	0.63	ug/m3			03/17/25 17:06	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 17:06	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 17:06	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/17/25 17:06	1
n-Hexane	**17**		1.8	0.39	ug/m3			03/17/25 17:06	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 17:06	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/17/25 17:06	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 17:06	1
Chloroform	**0.20**	**J**	0.98	0.20	ug/m3			03/17/25 17:06	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 17:06	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 17:06	1
Cyclohexane	**1.5**		0.69	0.20	ug/m3			03/17/25 17:06	1
Carbon tetrachloride	**0.38**		0.22	0.14	ug/m3			03/17/25 17:06	1
2,2,4-Trimethylpentane	**2.5**		0.93	0.18	ug/m3			03/17/25 17:06	1
Benzene	**1.1**		0.64	0.14	ug/m3			03/17/25 17:06	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 17:06	1
n-Heptane	**0.67**	**J**	0.82	0.23	ug/m3			03/17/25 17:06	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 17:06	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 17:06	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 17:06	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/17/25 17:06	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 17:06	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 17:06	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 17:06	1
Toluene	**1.3**		0.75	0.23	ug/m3			03/17/25 17:06	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 17:06	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 17:06	1
Tetrachloroethene	**0.18**	**J**	1.4	0.14	ug/m3			03/17/25 17:06	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 17:06	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 17:06	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 17:06	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 17:06	1
Ethylbenzene	**0.30**	**J**	0.87	0.30	ug/m3			03/17/25 17:06	1
m,p-Xylene	**0.85**	**J**	2.2	0.41	ug/m3			03/17/25 17:06	1
o-Xylene	**0.38**	**J**	0.87	0.27	ug/m3			03/17/25 17:06	1

Client Sample ID: IA-05_20250312
Date Collected: 03/13/25 12:06
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-11
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 17:06	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 17:06	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 17:06	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 17:06	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 17:06	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 17:06	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 17:06	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 17:06	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 17:06	1
1,2,4-Trimethylbenzene	**0.57**	**J**	0.98	0.39	ug/m3			03/17/25 17:06	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 17:06	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 17:06	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 17:06	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 17:06	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 17:06	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 17:06	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 17:06	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 17:06	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 17:06	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 17:06	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.45**	**J**	0.50	0.11	ppb v/v			03/17/25 17:06	1
Chlorodifluoromethane	**0.34**	**J**	0.50	0.12	ppb v/v			03/17/25 17:06	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 17:06	1
Chloromethane	**0.71**		0.50	0.15	ppb v/v			03/17/25 17:06	1
n-Butane	**8.1**		0.50	0.20	ppb v/v			03/17/25 17:06	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 17:06	1
1,3-Butadiene	**0.047**	**J**	0.20	0.039	ppb v/v			03/17/25 17:06	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 17:06	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 17:06	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 17:06	1
Trichlorofluoromethane	**0.20**		0.20	0.050	ppb v/v			03/17/25 17:06	1
1,1,2-Trichlorotrifluoroethane	**0.062**	**J**	0.20	0.053	ppb v/v			03/17/25 17:06	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 17:06	1
Acetone	**4.7**	**J**	5.0	1.6	ppb v/v			03/17/25 17:06	1
Isopropyl alcohol	**2.3**	**J**	5.0	1.6	ppb v/v			03/17/25 17:06	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/17/25 17:06	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 17:06	1
Methylene Chloride	**0.20**	**J**	0.50	0.18	ppb v/v			03/17/25 17:06	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 17:06	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 17:06	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/17/25 17:06	1
n-Hexane	**4.9**		0.50	0.11	ppb v/v			03/17/25 17:06	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 17:06	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/17/25 17:06	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 17:06	1
Chloroform	**0.040**	**J**	0.20	0.041	ppb v/v			03/17/25 17:06	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 17:06	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: IA-05_20250312
Date Collected: 03/13/25 12:06
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-11
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 17:06	1
Cyclohexane	**0.42**		0.20	0.058	ppb v/v			03/17/25 17:06	1
Carbon tetrachloride	**0.060**		0.035	0.022	ppb v/v			03/17/25 17:06	1
2,2,4-Trimethylpentane	**0.53**		0.20	0.038	ppb v/v			03/17/25 17:06	1
Benzene	**0.35**		0.20	0.044	ppb v/v			03/17/25 17:06	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 17:06	1
n-Heptane	**0.16**	**J**	0.20	0.055	ppb v/v			03/17/25 17:06	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 17:06	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 17:06	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 17:06	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/17/25 17:06	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 17:06	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 17:06	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 17:06	1
Toluene	**0.34**		0.20	0.062	ppb v/v			03/17/25 17:06	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 17:06	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 17:06	1
Tetrachloroethene	**0.026**	**J**	0.20	0.021	ppb v/v			03/17/25 17:06	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 17:06	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 17:06	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 17:06	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 17:06	1
Ethylbenzene	**0.069**	**J**	0.20	0.069	ppb v/v			03/17/25 17:06	1
m,p-Xylene	**0.20**	**J**	0.50	0.095	ppb v/v			03/17/25 17:06	1
o-Xylene	**0.088**	**J**	0.20	0.063	ppb v/v			03/17/25 17:06	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 17:06	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 17:06	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 17:06	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 17:06	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 17:06	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 17:06	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 17:06	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 17:06	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 17:06	1
1,2,4-Trimethylbenzene	**0.12**	**J**	0.20	0.080	ppb v/v			03/17/25 17:06	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 17:06	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 17:06	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 17:06	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 17:06	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 17:06	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 17:06	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 17:06	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 17:06	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 17:06	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 17:06	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: IA-06_20250312
Date Collected: 03/13/25 15:30
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-12
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			03/17/25 17:57	1
Chlorodifluoromethane	**1.2**	**J**	1.8	0.42	ug/m3			03/17/25 17:57	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 17:57	1
Chloromethane	**1.6**		1.0	0.31	ug/m3			03/17/25 17:57	1
n-Butane	**22**		1.2	0.48	ug/m3			03/17/25 17:57	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 17:57	1
1,3-Butadiene	**0.13**	**J**	0.44	0.086	ug/m3			03/17/25 17:57	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 17:57	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 17:57	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 17:57	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/17/25 17:57	1
1,1,2-Trichlorotrifluoroethane	**0.47**	**J**	1.5	0.41	ug/m3			03/17/25 17:57	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 17:57	1
Acetone	**20**		12	3.8	ug/m3			03/17/25 17:57	1
Isopropyl alcohol	**7.2**	**J**	12	3.9	ug/m3			03/17/25 17:57	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/17/25 17:57	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 17:57	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			03/17/25 17:57	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 17:57	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 17:57	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/17/25 17:57	1
n-Hexane	**21**		1.8	0.39	ug/m3			03/17/25 17:57	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 17:57	1
Methyl Ethyl Ketone (2-Butanone)	**2.0**		1.5	1.4	ug/m3			03/17/25 17:57	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 17:57	1
Chloroform	**0.23**	**J**	0.98	0.20	ug/m3			03/17/25 17:57	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 17:57	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 17:57	1
Cyclohexane	**2.1**		0.69	0.20	ug/m3			03/17/25 17:57	1
Carbon tetrachloride	**0.21**	**J**	0.22	0.14	ug/m3			03/17/25 17:57	1
2,2,4-Trimethylpentane	**4.9**		0.93	0.18	ug/m3			03/17/25 17:57	1
Benzene	**1.3**		0.64	0.14	ug/m3			03/17/25 17:57	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 17:57	1
n-Heptane	**1.1**		0.82	0.23	ug/m3			03/17/25 17:57	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 17:57	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 17:57	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 17:57	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/17/25 17:57	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 17:57	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 17:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 17:57	1
Toluene	**1.6**		0.75	0.23	ug/m3			03/17/25 17:57	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 17:57	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 17:57	1
Tetrachloroethene	**0.18**	**J**	1.4	0.14	ug/m3			03/17/25 17:57	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 17:57	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 17:57	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 17:57	1

Client Sample ID: IA-06_20250312
Date Collected: 03/13/25 15:30
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-12
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 17:57	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/17/25 17:57	1
m,p-Xylene	**1.1**	**J**	2.2	0.41	ug/m3			03/17/25 17:57	1
o-Xylene	**0.37**	**J**	0.87	0.27	ug/m3			03/17/25 17:57	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 17:57	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 17:57	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 17:57	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 17:57	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 17:57	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 17:57	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 17:57	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 17:57	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 17:57	1
1,2,4-Trimethylbenzene	**0.47**	**J**	0.98	0.39	ug/m3			03/17/25 17:57	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 17:57	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 17:57	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 17:57	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 17:57	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 17:57	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 17:57	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 17:57	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 17:57	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 17:57	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 17:57	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.44**	**J**	0.50	0.11	ppb v/v			03/17/25 17:57	1
Chlorodifluoromethane	**0.34**	**J**	0.50	0.12	ppb v/v			03/17/25 17:57	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 17:57	1
Chloromethane	**0.79**		0.50	0.15	ppb v/v			03/17/25 17:57	1
n-Butane	**9.4**		0.50	0.20	ppb v/v			03/17/25 17:57	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 17:57	1
1,3-Butadiene	**0.057**	**J**	0.20	0.039	ppb v/v			03/17/25 17:57	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 17:57	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 17:57	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 17:57	1
Trichlorofluoromethane	**0.19**		0.20	0.050	ppb v/v			03/17/25 17:57	1
1,1,2-Trichlorotrifluoroethane	**0.061**	**J**	0.20	0.053	ppb v/v			03/17/25 17:57	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 17:57	1
Acetone	**8.2**		5.0	1.6	ppb v/v			03/17/25 17:57	1
Isopropyl alcohol	**2.9**	**J**	5.0	1.6	ppb v/v			03/17/25 17:57	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/17/25 17:57	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 17:57	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			03/17/25 17:57	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 17:57	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 17:57	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/17/25 17:57	1
n-Hexane	**5.9**		0.50	0.11	ppb v/v			03/17/25 17:57	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 17:57	1

Client Sample ID: IA-06_20250312
Date Collected: 03/13/25 15:30
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-12
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**0.67**		0.50	0.49	ppb v/v			03/17/25 17:57	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 17:57	1
Chloroform	**0.048**	**J**	0.20	0.041	ppb v/v			03/17/25 17:57	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 17:57	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 17:57	1
Cyclohexane	**0.60**		0.20	0.058	ppb v/v			03/17/25 17:57	1
Carbon tetrachloride	**0.033**	**J**	0.035	0.022	ppb v/v			03/17/25 17:57	1
2,2,4-Trimethylpentane	**1.1**		0.20	0.038	ppb v/v			03/17/25 17:57	1
Benzene	**0.39**		0.20	0.044	ppb v/v			03/17/25 17:57	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 17:57	1
n-Heptane	**0.26**		0.20	0.055	ppb v/v			03/17/25 17:57	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 17:57	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 17:57	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 17:57	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/17/25 17:57	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 17:57	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 17:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 17:57	1
Toluene	**0.44**		0.20	0.062	ppb v/v			03/17/25 17:57	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 17:57	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 17:57	1
Tetrachloroethene	**0.027**	**J**	0.20	0.021	ppb v/v			03/17/25 17:57	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 17:57	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 17:57	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 17:57	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 17:57	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/17/25 17:57	1
m,p-Xylene	**0.25**	**J**	0.50	0.095	ppb v/v			03/17/25 17:57	1
o-Xylene	**0.085**	**J**	0.20	0.063	ppb v/v			03/17/25 17:57	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 17:57	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 17:57	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 17:57	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 17:57	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 17:57	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 17:57	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 17:57	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 17:57	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 17:57	1
1,2,4-Trimethylbenzene	**0.096**	**J**	0.20	0.080	ppb v/v			03/17/25 17:57	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 17:57	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 17:57	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 17:57	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 17:57	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 17:57	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 17:57	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 17:57	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 17:57	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 17:57	1

Client Sample ID: IA-06_20250312

Lab Sample ID: 200-77312-12

Date Collected: 03/13/25 15:30
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 17:57	1

Client Sample ID: AA-01_20250312

Lab Sample ID: 200-77312-13

Date Collected: 03/13/25 14:09
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			03/17/25 18:52	1
Chlorodifluoromethane	**2.6**		1.8	0.42	ug/m3			03/17/25 18:52	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 18:52	1
Chloromethane	**1.5**		1.0	0.31	ug/m3			03/17/25 18:52	1
n-Butane	**3.7**		1.2	0.48	ug/m3			03/17/25 18:52	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 18:52	1
1,3-Butadiene	**0.12**	**J**	0.44	0.086	ug/m3			03/17/25 18:52	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 18:52	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 18:52	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 18:52	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/17/25 18:52	1
1,1,2-Trichlorotrifluoroethane	**0.48**	**J**	1.5	0.41	ug/m3			03/17/25 18:52	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 18:52	1
Acetone	**7.2**	**J**	12	3.8	ug/m3			03/17/25 18:52	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			03/17/25 18:52	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/17/25 18:52	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 18:52	1
Methylene Chloride	**0.88**	**J**	1.7	0.63	ug/m3			03/17/25 18:52	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 18:52	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 18:52	1
trans-1,2-Dichloroethene	**1.0**		0.79	0.091	ug/m3			03/17/25 18:52	1
n-Hexane	**0.58**	**J**	1.8	0.39	ug/m3			03/17/25 18:52	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 18:52	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/17/25 18:52	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 18:52	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/17/25 18:52	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 18:52	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 18:52	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			03/17/25 18:52	1
Carbon tetrachloride	**0.38**		0.22	0.14	ug/m3			03/17/25 18:52	1
2,2,4-Trimethylpentane	**0.44**	**J**	0.93	0.18	ug/m3			03/17/25 18:52	1
Benzene	**0.59**	**J**	0.64	0.14	ug/m3			03/17/25 18:52	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 18:52	1
n-Heptane	**0.49**	**J**	0.82	0.23	ug/m3			03/17/25 18:52	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 18:52	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 18:52	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 18:52	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/17/25 18:52	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 18:52	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 18:52	1

Client Sample ID: AA-01_20250312
Date Collected: 03/13/25 14:09
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-13
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 18:52	1
Toluene	**0.97**		0.75	0.23	ug/m3			03/17/25 18:52	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 18:52	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 18:52	1
Tetrachloroethene	**0.17**	**J**	1.4	0.14	ug/m3			03/17/25 18:52	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 18:52	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 18:52	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 18:52	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 18:52	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/17/25 18:52	1
m,p-Xylene	**0.49**	**J**	2.2	0.41	ug/m3			03/17/25 18:52	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			03/17/25 18:52	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 18:52	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 18:52	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 18:52	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 18:52	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 18:52	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 18:52	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 18:52	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 18:52	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 18:52	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/17/25 18:52	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 18:52	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 18:52	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 18:52	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 18:52	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 18:52	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 18:52	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 18:52	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 18:52	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 18:52	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 18:52	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.45**	**J**	0.50	0.11	ppb v/v			03/17/25 18:52	1
Chlorodifluoromethane	**0.74**		0.50	0.12	ppb v/v			03/17/25 18:52	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 18:52	1
Chloromethane	**0.72**		0.50	0.15	ppb v/v			03/17/25 18:52	1
n-Butane	**1.6**		0.50	0.20	ppb v/v			03/17/25 18:52	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 18:52	1
1,3-Butadiene	**0.053**	**J**	0.20	0.039	ppb v/v			03/17/25 18:52	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 18:52	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 18:52	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 18:52	1
Trichlorofluoromethane	**0.20**		0.20	0.050	ppb v/v			03/17/25 18:52	1
1,1,2-Trichlorotrifluoroethane	**0.063**	**J**	0.20	0.053	ppb v/v			03/17/25 18:52	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 18:52	1
Acetone	**3.0**	**J**	5.0	1.6	ppb v/v			03/17/25 18:52	1

Client Sample ID: AA-01_20250312
Date Collected: 03/13/25 14:09
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-13
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			03/17/25 18:52	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/17/25 18:52	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 18:52	1
Methylene Chloride	**0.25**	**J**	0.50	0.18	ppb v/v			03/17/25 18:52	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 18:52	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 18:52	1
trans-1,2-Dichloroethene	**0.26**		0.20	0.023	ppb v/v			03/17/25 18:52	1
n-Hexane	**0.17**	**J**	0.50	0.11	ppb v/v			03/17/25 18:52	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 18:52	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/17/25 18:52	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 18:52	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/17/25 18:52	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 18:52	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 18:52	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			03/17/25 18:52	1
Carbon tetrachloride	**0.061**		0.035	0.022	ppb v/v			03/17/25 18:52	1
2,2,4-Trimethylpentane	**0.095**	**J**	0.20	0.038	ppb v/v			03/17/25 18:52	1
Benzene	**0.18**	**J**	0.20	0.044	ppb v/v			03/17/25 18:52	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 18:52	1
n-Heptane	**0.12**	**J**	0.20	0.055	ppb v/v			03/17/25 18:52	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 18:52	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 18:52	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 18:52	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/17/25 18:52	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 18:52	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 18:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 18:52	1
Toluene	**0.26**		0.20	0.062	ppb v/v			03/17/25 18:52	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 18:52	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 18:52	1
Tetrachloroethene	**0.025**	**J**	0.20	0.021	ppb v/v			03/17/25 18:52	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 18:52	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 18:52	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 18:52	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 18:52	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/17/25 18:52	1
m,p-Xylene	**0.11**	**J**	0.50	0.095	ppb v/v			03/17/25 18:52	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			03/17/25 18:52	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 18:52	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 18:52	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 18:52	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 18:52	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 18:52	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 18:52	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 18:52	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 18:52	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 18:52	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/17/25 18:52	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: AA-01_20250312
Lab Sample ID: 200-77312-13
Date Collected: 03/13/25 14:09
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 18:52	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 18:52	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 18:52	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 18:52	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 18:52	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 18:52	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 18:52	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 18:52	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 18:52	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 18:52	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-214306/5
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			03/17/25 10:52	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			03/17/25 10:52	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 10:52	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			03/17/25 10:52	1
n-Butane	1.2	U	1.2	0.48	ug/m3			03/17/25 10:52	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 10:52	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/17/25 10:52	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 10:52	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 10:52	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 10:52	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			03/17/25 10:52	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			03/17/25 10:52	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 10:52	1
Acetone	12	U	12	3.8	ug/m3			03/17/25 10:52	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			03/17/25 10:52	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/17/25 10:52	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 10:52	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			03/17/25 10:52	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 10:52	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 10:52	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/17/25 10:52	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			03/17/25 10:52	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 10:52	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/17/25 10:52	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 10:52	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/17/25 10:52	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 10:52	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 10:52	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			03/17/25 10:52	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			03/17/25 10:52	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			03/17/25 10:52	1
Benzene	0.64	U	0.64	0.14	ug/m3			03/17/25 10:52	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 10:52	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			03/17/25 10:52	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 10:52	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 10:52	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 10:52	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/17/25 10:52	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 10:52	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 10:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 10:52	1
Toluene	0.75	U	0.75	0.23	ug/m3			03/17/25 10:52	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 10:52	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 10:52	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			03/17/25 10:52	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 10:52	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 10:52	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 10:52	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214306/5
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 10:52	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/17/25 10:52	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			03/17/25 10:52	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			03/17/25 10:52	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 10:52	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 10:52	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 10:52	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 10:52	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 10:52	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 10:52	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 10:52	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 10:52	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 10:52	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/17/25 10:52	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 10:52	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 10:52	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 10:52	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 10:52	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 10:52	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 10:52	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 10:52	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 10:52	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 10:52	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 10:52	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			03/17/25 10:52	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			03/17/25 10:52	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 10:52	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			03/17/25 10:52	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			03/17/25 10:52	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 10:52	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/17/25 10:52	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 10:52	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 10:52	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 10:52	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 10:52	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			03/17/25 10:52	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 10:52	1
Acetone	5.0	U	5.0	1.6	ppb v/v			03/17/25 10:52	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			03/17/25 10:52	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/17/25 10:52	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 10:52	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			03/17/25 10:52	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 10:52	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 10:52	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/17/25 10:52	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			03/17/25 10:52	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 10:52	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214306/5
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/17/25 10:52	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 10:52	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/17/25 10:52	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 10:52	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 10:52	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			03/17/25 10:52	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			03/17/25 10:52	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			03/17/25 10:52	1
Benzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 10:52	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 10:52	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			03/17/25 10:52	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 10:52	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 10:52	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 10:52	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/17/25 10:52	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 10:52	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 10:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 10:52	1
Toluene	0.20	U	0.20	0.062	ppb v/v			03/17/25 10:52	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 10:52	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 10:52	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			03/17/25 10:52	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 10:52	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 10:52	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 10:52	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 10:52	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/17/25 10:52	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			03/17/25 10:52	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			03/17/25 10:52	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 10:52	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 10:52	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 10:52	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 10:52	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 10:52	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 10:52	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 10:52	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 10:52	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 10:52	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/17/25 10:52	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 10:52	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 10:52	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 10:52	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 10:52	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 10:52	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 10:52	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 10:52	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 10:52	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 10:52	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214306/5
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 10:52	1

Lab Sample ID: LCS 200-214306/4
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	51.8		ug/m3		105	61 - 142
Chlorodifluoromethane	35.4	42.2		ug/m3		119	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	74.0		ug/m3		106	71 - 141
Chloromethane	20.6	25.4		ug/m3		123	56 - 141
n-Butane	23.8	25.0		ug/m3		105	53 - 151
Vinyl chloride	25.6	24.2		ug/m3		95	61 - 135
1,3-Butadiene	22.1	19.9		ug/m3		90	58 - 139
Bromomethane	38.8	39.2		ug/m3		101	72 - 124
Chloroethane	26.4	29.7		ug/m3		113	68 - 130
Bromoethene(Vinyl Bromide)	43.7	44.4		ug/m3		102	75 - 125
Trichlorofluoromethane	56.2	56.7		ug/m3		101	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	73.9		ug/m3		97	70 - 121
1,1-Dichloroethene	39.6	39.6		ug/m3		100	68 - 120
Acetone	23.7	27.5		ug/m3		116	54 - 154
Isopropyl alcohol	24.6	33.5		ug/m3		136	53 - 142
Carbon disulfide	31.1	32.0		ug/m3		103	71 - 138
3-Chloropropene	31.3	32.6		ug/m3		104	50 - 150
Methylene Chloride	34.7	39.7		ug/m3		114	59 - 137
tert-Butyl alcohol	30.3	34.0		ug/m3		112	66 - 132
Methyl tert-butyl ether	36.0	39.0		ug/m3		108	70 - 127
trans-1,2-Dichloroethene	39.6	44.3		ug/m3		112	69 - 137
n-Hexane	35.2	40.3		ug/m3		114	63 - 138
1,1-Dichloroethane	40.5	43.3		ug/m3		107	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	29.9		ug/m3		101	72 - 124
cis-1,2-Dichloroethene	39.6	39.0		ug/m3		98	72 - 121
Chloroform	48.8	49.3		ug/m3		101	73 - 124
Tetrahydrofuran	29.5	33.7		ug/m3		114	60 - 149
1,1,1-Trichloroethane	54.6	53.9		ug/m3		99	72 - 127
Cyclohexane	34.4	35.3		ug/m3		103	76 - 124
Carbon tetrachloride	62.9	61.2		ug/m3		97	71 - 133
2,2,4-Trimethylpentane	46.7	53.8		ug/m3		115	68 - 131
Benzene	31.9	33.0		ug/m3		103	73 - 119
1,2-Dichloroethane	40.5	41.4		ug/m3		102	68 - 135
n-Heptane	41.0	50.8		ug/m3		124	60 - 142
Trichloroethene	53.7	52.7		ug/m3		98	73 - 122
Methyl methacrylate	40.9	42.5		ug/m3		104	73 - 129
1,2-Dichloropropane	46.2	50.4		ug/m3		109	69 - 128
1,4-Dioxane	36.0	34.6		ug/m3		96	66 - 129
Bromodichloromethane	67.0	67.2		ug/m3		100	75 - 127
cis-1,3-Dichloropropene	45.4	48.7		ug/m3		107	74 - 125

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214306/4
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	49.1		ug/m3		120	58 - 144
Toluene	37.7	36.2		ug/m3		96	75 - 122
trans-1,3-Dichloropropene	45.4	52.4		ug/m3		116	74 - 128
1,1,2-Trichloroethane	54.6	52.4		ug/m3		96	75 - 126
Tetrachloroethene	67.8	59.6		ug/m3		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	45.3		ug/m3		111	57 - 143
Dibromochloromethane	85.2	69.9		ug/m3		82	73 - 125
1,2-Dibromoethane	76.8	69.8		ug/m3		91	78 - 122
Chlorobenzene	46.0	41.3		ug/m3		90	76 - 119
Ethylbenzene	43.4	41.8		ug/m3		96	74 - 122
m,p-Xylene	86.8	81.8		ug/m3		94	76 - 121
o-Xylene	43.4	42.1		ug/m3		97	73 - 123
Styrene	42.6	40.1		ug/m3		94	74 - 125
Bromoform	103	67.3		ug/m3		65	53 - 149
Cumene	49.1	47.8		ug/m3		97	73 - 123
1,1,2,2-Tetrachloroethane	68.6	65.4		ug/m3		95	74 - 126
n-Propylbenzene	49.1	48.3		ug/m3		98	73 - 127
4-Ethyltoluene	49.2	47.7		ug/m3		97	75 - 129
1,3,5-Trimethylbenzene	49.2	47.0		ug/m3		96	72 - 126
2-Chlorotoluene	51.8	48.4		ug/m3		93	74 - 126
tert-Butylbenzene	54.9	52.1		ug/m3		95	71 - 125
1,2,4-Trimethylbenzene	49.2	47.3		ug/m3		96	71 - 129
sec-Butylbenzene	54.9	53.0		ug/m3		97	70 - 128
4-Isopropyltoluene	54.9	51.4		ug/m3		94	68 - 130
1,3-Dichlorobenzene	60.1	51.3		ug/m3		85	69 - 131
1,4-Dichlorobenzene	60.1	50.8		ug/m3		85	67 - 132
Benzyl chloride	51.8	49.4		ug/m3		95	60 - 136
n-Butylbenzene	54.9	53.1		ug/m3		97	65 - 137
1,2-Dichlorobenzene	60.1	51.2		ug/m3		85	68 - 129
1,2,4-Trichlorobenzene	74.2	56.0		ug/m3		75	50 - 150
Hexachlorobutadiene	107	90.1		ug/m3		84	58 - 130
Naphthalene	52.4	38.0		ug/m3		73	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	10.5		ppb v/v		105	61 - 142
Chlorodifluoromethane	10	11.9		ppb v/v		119	60 - 147
1,2-Dichlorotetrafluoroethane	10	10.6		ppb v/v		106	71 - 141
Chloromethane	10	12.3		ppb v/v		123	56 - 141
n-Butane	10	10.5		ppb v/v		105	53 - 151
Vinyl chloride	10	9.48		ppb v/v		95	61 - 135
1,3-Butadiene	10	9.01		ppb v/v		90	58 - 139
Bromomethane	10	10.1		ppb v/v		101	72 - 124
Chloroethane	10	11.3		ppb v/v		113	68 - 130
Bromoethene(Vinyl Bromide)	10	10.2		ppb v/v		102	75 - 125
Trichlorofluoromethane	10	10.1		ppb v/v		101	70 - 129
1,1,2-Trichlorotrifluoroethane	10	9.65		ppb v/v		97	70 - 121
1,1-Dichloroethene	10	9.98		ppb v/v		100	68 - 120

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214306/4
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	10	11.6		ppb v/v		116	54 - 154
Isopropyl alcohol	10	13.6		ppb v/v		136	53 - 142
Carbon disulfide	10	10.3		ppb v/v		103	71 - 138
3-Chloropropene	10	10.4		ppb v/v		104	50 - 150
Methylene Chloride	10	11.4		ppb v/v		114	59 - 137
tert-Butyl alcohol	10	11.2		ppb v/v		112	66 - 132
Methyl tert-butyl ether	10	10.8		ppb v/v		108	70 - 127
trans-1,2-Dichloroethene	10	11.2		ppb v/v		112	69 - 137
n-Hexane	10	11.4		ppb v/v		114	63 - 138
1,1-Dichloroethane	10	10.7		ppb v/v		107	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	10.1		ppb v/v		101	72 - 124
cis-1,2-Dichloroethene	10	9.84		ppb v/v		98	72 - 121
Chloroform	10	10.1		ppb v/v		101	73 - 124
Tetrahydrofuran	10	11.4		ppb v/v		114	60 - 149
1,1,1-Trichloroethane	10	9.88		ppb v/v		99	72 - 127
Cyclohexane	10	10.3		ppb v/v		103	76 - 124
Carbon tetrachloride	10	9.73		ppb v/v		97	71 - 133
2,2,4-Trimethylpentane	10	11.5		ppb v/v		115	68 - 131
Benzene	10	10.3		ppb v/v		103	73 - 119
1,2-Dichloroethane	10	10.2		ppb v/v		102	68 - 135
n-Heptane	10	12.4		ppb v/v		124	60 - 142
Trichloroethene	10	9.80		ppb v/v		98	73 - 122
Methyl methacrylate	10	10.4		ppb v/v		104	73 - 129
1,2-Dichloropropane	10	10.9		ppb v/v		109	69 - 128
1,4-Dioxane	10	9.59		ppb v/v		96	66 - 129
Bromodichloromethane	10	10.0		ppb v/v		100	75 - 127
cis-1,3-Dichloropropene	10	10.7		ppb v/v		107	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	12.0		ppb v/v		120	58 - 144
Toluene	10	9.59		ppb v/v		96	75 - 122
trans-1,3-Dichloropropene	10	11.6		ppb v/v		116	74 - 128
1,1,2-Trichloroethane	10	9.61		ppb v/v		96	75 - 126
Tetrachloroethene	10	8.78		ppb v/v		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	11.1		ppb v/v		111	57 - 143
Dibromochloromethane	10	8.20		ppb v/v		82	73 - 125
1,2-Dibromoethane	10	9.08		ppb v/v		91	78 - 122
Chlorobenzene	10	8.98		ppb v/v		90	76 - 119
Ethylbenzene	10	9.62		ppb v/v		96	74 - 122
m,p-Xylene	20	18.8		ppb v/v		94	76 - 121
o-Xylene	10	9.68		ppb v/v		97	73 - 123
Styrene	10	9.40		ppb v/v		94	74 - 125
Bromoform	10	6.51		ppb v/v		65	53 - 149
Cumene	10	9.73		ppb v/v		97	73 - 123
1,1,2,2-Tetrachloroethane	10	9.52		ppb v/v		95	74 - 126
n-Propylbenzene	10	9.82		ppb v/v		98	73 - 127
4-Ethyltoluene	10	9.71		ppb v/v		97	75 - 129
1,3,5-Trimethylbenzene	10	9.55		ppb v/v		96	72 - 126

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214306/4
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	10	9.35		ppb v/v		93	74 - 126
tert-Butylbenzene	10	9.48		ppb v/v		95	71 - 125
1,2,4-Trimethylbenzene	10	9.62		ppb v/v		96	71 - 129
sec-Butylbenzene	10	9.65		ppb v/v		97	70 - 128
4-Isopropyltoluene	10	9.36		ppb v/v		94	68 - 130
1,3-Dichlorobenzene	10	8.53		ppb v/v		85	69 - 131
1,4-Dichlorobenzene	10	8.46		ppb v/v		85	67 - 132
Benzyl chloride	10	9.55		ppb v/v		95	60 - 136
n-Butylbenzene	10	9.66		ppb v/v		97	65 - 137
1,2-Dichlorobenzene	10	8.51		ppb v/v		85	68 - 129
1,2,4-Trichlorobenzene	10	7.55		ppb v/v		75	50 - 150
Hexachlorobutadiene	10	8.45		ppb v/v		84	58 - 130
Naphthalene	10	7.25		ppb v/v		73	50 - 150

Lab Sample ID: MB 200-214307/5
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			03/17/25 10:57	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			03/17/25 10:57	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 10:57	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			03/17/25 10:57	1
n-Butane	1.2	U	1.2	0.48	ug/m3			03/17/25 10:57	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 10:57	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/17/25 10:57	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 10:57	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 10:57	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 10:57	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			03/17/25 10:57	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			03/17/25 10:57	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 10:57	1
Acetone	12	U	12	3.8	ug/m3			03/17/25 10:57	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			03/17/25 10:57	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/17/25 10:57	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 10:57	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			03/17/25 10:57	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 10:57	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 10:57	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/17/25 10:57	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			03/17/25 10:57	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 10:57	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/17/25 10:57	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 10:57	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/17/25 10:57	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 10:57	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 10:57	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			03/17/25 10:57	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			03/17/25 10:57	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214307/5
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			03/17/25 10:57	1
Benzene	0.64	U	0.64	0.14	ug/m3			03/17/25 10:57	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 10:57	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			03/17/25 10:57	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 10:57	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 10:57	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 10:57	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/17/25 10:57	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 10:57	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 10:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 10:57	1
Toluene	0.75	U	0.75	0.23	ug/m3			03/17/25 10:57	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 10:57	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 10:57	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			03/17/25 10:57	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 10:57	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 10:57	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 10:57	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 10:57	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/17/25 10:57	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			03/17/25 10:57	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			03/17/25 10:57	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 10:57	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 10:57	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 10:57	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 10:57	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 10:57	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 10:57	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 10:57	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 10:57	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 10:57	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/17/25 10:57	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 10:57	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 10:57	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 10:57	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 10:57	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 10:57	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 10:57	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 10:57	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 10:57	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 10:57	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 10:57	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			03/17/25 10:57	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			03/17/25 10:57	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 10:57	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			03/17/25 10:57	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214307/5
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	0.50	U	0.50	0.20	ppb v/v			03/17/25 10:57	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 10:57	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/17/25 10:57	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 10:57	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 10:57	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 10:57	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 10:57	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			03/17/25 10:57	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 10:57	1
Acetone	5.0	U	5.0	1.6	ppb v/v			03/17/25 10:57	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			03/17/25 10:57	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/17/25 10:57	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 10:57	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			03/17/25 10:57	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 10:57	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 10:57	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/17/25 10:57	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			03/17/25 10:57	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 10:57	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/17/25 10:57	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 10:57	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/17/25 10:57	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 10:57	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 10:57	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			03/17/25 10:57	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			03/17/25 10:57	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			03/17/25 10:57	1
Benzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 10:57	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 10:57	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			03/17/25 10:57	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 10:57	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 10:57	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 10:57	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/17/25 10:57	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 10:57	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 10:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 10:57	1
Toluene	0.20	U	0.20	0.062	ppb v/v			03/17/25 10:57	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 10:57	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 10:57	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			03/17/25 10:57	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 10:57	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 10:57	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 10:57	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 10:57	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/17/25 10:57	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			03/17/25 10:57	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			03/17/25 10:57	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214307/5
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 10:57	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 10:57	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 10:57	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 10:57	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 10:57	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 10:57	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 10:57	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 10:57	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 10:57	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/17/25 10:57	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 10:57	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 10:57	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 10:57	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 10:57	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 10:57	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 10:57	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 10:57	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 10:57	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 10:57	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 10:57	1

Lab Sample ID: LCS 200-214307/3
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	44.5		ug/m3		90	61 - 142
Chlorodifluoromethane	35.4	32.9		ug/m3		93	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	64.5		ug/m3		92	71 - 141
Chloromethane	20.6	19.7		ug/m3		96	56 - 141
n-Butane	23.8	24.0		ug/m3		101	53 - 151
Vinyl chloride	25.6	24.0		ug/m3		94	61 - 135
1,3-Butadiene	22.1	20.4		ug/m3		92	58 - 139
Bromomethane	38.8	35.7		ug/m3		92	72 - 124
Chloroethane	26.4	24.8		ug/m3		94	68 - 130
Bromoethene(Vinyl Bromide)	43.7	40.2		ug/m3		92	75 - 125
Trichlorofluoromethane	56.2	50.6		ug/m3		90	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	70.6		ug/m3		92	70 - 121
1,1-Dichloroethene	39.6	35.6		ug/m3		90	68 - 120
Acetone	23.7	24.2		ug/m3		102	54 - 154
Isopropyl alcohol	24.6	29.3		ug/m3		119	53 - 142
Carbon disulfide	31.1	29.5		ug/m3		95	71 - 138
3-Chloropropene	31.3	31.5		ug/m3		101	50 - 150
Methylene Chloride	34.7	33.6		ug/m3		97	59 - 137
tert-Butyl alcohol	30.3	30.3		ug/m3		100	66 - 132
Methyl tert-butyl ether	36.0	34.2		ug/m3		95	70 - 127
trans-1,2-Dichloroethene	39.6	38.0		ug/m3		96	69 - 137
n-Hexane	35.2	34.6		ug/m3		98	63 - 138
1,1-Dichloroethane	40.5	38.5		ug/m3		95	66 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214307/3
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl Ethyl Ketone (2-Butanone)	29.5	28.6		ug/m3		97	72 - 124
cis-1,2-Dichloroethene	39.6	36.6		ug/m3		92	72 - 121
Chloroform	48.8	45.3		ug/m3		93	73 - 124
Tetrahydrofuran	29.5	31.0		ug/m3		105	60 - 149
1,1,1-Trichloroethane	54.6	50.0		ug/m3		92	72 - 127
Cyclohexane	34.4	33.4		ug/m3		97	76 - 124
Carbon tetrachloride	62.9	58.1		ug/m3		92	71 - 133
2,2,4-Trimethylpentane	46.7	46.6		ug/m3		100	68 - 131
Benzene	31.9	30.5		ug/m3		96	73 - 119
1,2-Dichloroethane	40.5	38.6		ug/m3		95	68 - 135
n-Heptane	41.0	41.4		ug/m3		101	60 - 142
Trichloroethene	53.7	51.1		ug/m3		95	73 - 122
Methyl methacrylate	40.9	40.7		ug/m3		99	73 - 129
1,2-Dichloropropane	46.2	46.1		ug/m3		100	69 - 128
1,4-Dioxane	36.0	34.7		ug/m3		96	66 - 129
Bromodichloromethane	67.0	64.2		ug/m3		96	75 - 127
cis-1,3-Dichloropropene	45.4	45.0		ug/m3		99	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	42.4		ug/m3		104	58 - 144
Toluene	37.7	35.5		ug/m3		94	75 - 122
trans-1,3-Dichloropropene	45.4	44.6		ug/m3		98	74 - 128
1,1,2-Trichloroethane	54.6	51.9		ug/m3		95	75 - 126
Tetrachloroethene	67.8	59.8		ug/m3		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	42.6		ug/m3		104	57 - 143
Dibromochloromethane	85.2	80.2		ug/m3		94	73 - 125
1,2-Dibromoethane	76.8	72.4		ug/m3		94	78 - 122
Chlorobenzene	46.0	42.2		ug/m3		92	76 - 119
Ethylbenzene	43.4	40.8		ug/m3		94	74 - 122
m,p-Xylene	86.8	80.6		ug/m3		93	76 - 121
o-Xylene	43.4	40.4		ug/m3		93	73 - 123
Styrene	42.6	41.0		ug/m3		96	74 - 125
Bromoform	103	99.9		ug/m3		97	53 - 149
Cumene	49.1	46.0		ug/m3		94	73 - 123
1,1,2,2-Tetrachloroethane	68.6	65.6		ug/m3		96	74 - 126
n-Propylbenzene	49.1	46.9		ug/m3		95	73 - 127
4-Ethyltoluene	49.2	46.6		ug/m3		95	75 - 129
1,3,5-Trimethylbenzene	49.2	45.6		ug/m3		93	72 - 126
2-Chlorotoluene	51.8	48.6		ug/m3		94	74 - 126
tert-Butylbenzene	54.9	50.4		ug/m3		92	71 - 125
1,2,4-Trimethylbenzene	49.2	46.3		ug/m3		94	71 - 129
sec-Butylbenzene	54.9	52.3		ug/m3		95	70 - 128
4-Isopropyltoluene	54.9	51.7		ug/m3		94	68 - 130
1,3-Dichlorobenzene	60.1	55.6		ug/m3		93	69 - 131
1,4-Dichlorobenzene	60.1	55.7		ug/m3		93	67 - 132
Benzyl chloride	51.8	51.4		ug/m3		99	60 - 136
n-Butylbenzene	54.9	53.9		ug/m3		98	65 - 137
1,2-Dichlorobenzene	60.1	55.3		ug/m3		92	68 - 129

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214307/3
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	74.2	83.9		ug/m3		113	50 - 150
Hexachlorobutadiene	107	105		ug/m3		99	58 - 130
Naphthalene	52.4	67.0		ug/m3		128	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	9.01		ppb v/v		90	61 - 142
Chlorodifluoromethane	10	9.30		ppb v/v		93	60 - 147
1,2-Dichlorotetrafluoroethane	10	9.23		ppb v/v		92	71 - 141
Chloromethane	10	9.56		ppb v/v		96	56 - 141
n-Butane	10	10.1		ppb v/v		101	53 - 151
Vinyl chloride	10	9.39		ppb v/v		94	61 - 135
1,3-Butadiene	10	9.20		ppb v/v		92	58 - 139
Bromomethane	10	9.20		ppb v/v		92	72 - 124
Chloroethane	10	9.39		ppb v/v		94	68 - 130
Bromoethene(Vinyl Bromide)	10	9.19		ppb v/v		92	75 - 125
Trichlorofluoromethane	10	9.00		ppb v/v		90	70 - 129
1,1,2-Trichlorotrifluoroethane	10	9.21		ppb v/v		92	70 - 121
1,1-Dichloroethene	10	8.98		ppb v/v		90	68 - 120
Acetone	10	10.2		ppb v/v		102	54 - 154
Isopropyl alcohol	10	11.9		ppb v/v		119	53 - 142
Carbon disulfide	10	9.49		ppb v/v		95	71 - 138
3-Chloropropene	10	10.1		ppb v/v		101	50 - 150
Methylene Chloride	10	9.66		ppb v/v		97	59 - 137
tert-Butyl alcohol	10	9.99		ppb v/v		100	66 - 132
Methyl tert-butyl ether	10	9.50		ppb v/v		95	70 - 127
trans-1,2-Dichloroethene	10	9.58		ppb v/v		96	69 - 137
n-Hexane	10	9.82		ppb v/v		98	63 - 138
1,1-Dichloroethane	10	9.51		ppb v/v		95	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	9.71		ppb v/v		97	72 - 124
cis-1,2-Dichloroethene	10	9.24		ppb v/v		92	72 - 121
Chloroform	10	9.29		ppb v/v		93	73 - 124
Tetrahydrofuran	10	10.5		ppb v/v		105	60 - 149
1,1,1-Trichloroethane	10	9.16		ppb v/v		92	72 - 127
Cyclohexane	10	9.69		ppb v/v		97	76 - 124
Carbon tetrachloride	10	9.24		ppb v/v		92	71 - 133
2,2,4-Trimethylpentane	10	9.97		ppb v/v		100	68 - 131
Benzene	10	9.56		ppb v/v		96	73 - 119
1,2-Dichloroethane	10	9.53		ppb v/v		95	68 - 135
n-Heptane	10	10.1		ppb v/v		101	60 - 142
Trichloroethene	10	9.50		ppb v/v		95	73 - 122
Methyl methacrylate	10	9.95		ppb v/v		99	73 - 129
1,2-Dichloropropane	10	9.97		ppb v/v		100	69 - 128
1,4-Dioxane	10	9.62		ppb v/v		96	66 - 129
Bromodichloromethane	10	9.58		ppb v/v		96	75 - 127
cis-1,3-Dichloropropene	10	9.92		ppb v/v		99	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	10.3		ppb v/v		104	58 - 144
Toluene	10	9.42		ppb v/v		94	75 - 122

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214307/3
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	10	9.83		ppb v/v		98	74 - 128
1,1,2-Trichloroethane	10	9.51		ppb v/v		95	75 - 126
Tetrachloroethene	10	8.82		ppb v/v		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.4		ppb v/v		104	57 - 143
Dibromochloromethane	10	9.42		ppb v/v		94	73 - 125
1,2-Dibromoethane	10	9.42		ppb v/v		94	78 - 122
Chlorobenzene	10	9.16		ppb v/v		92	76 - 119
Ethylbenzene	10	9.39		ppb v/v		94	74 - 122
m,p-Xylene	20	18.6		ppb v/v		93	76 - 121
o-Xylene	10	9.31		ppb v/v		93	73 - 123
Styrene	10	9.62		ppb v/v		96	74 - 125
Bromoform	10	9.66		ppb v/v		97	53 - 149
Cumene	10	9.37		ppb v/v		94	73 - 123
1,1,2,2-Tetrachloroethane	10	9.56		ppb v/v		96	74 - 126
n-Propylbenzene	10	9.55		ppb v/v		95	73 - 127
4-Ethyltoluene	10	9.49		ppb v/v		95	75 - 129
1,3,5-Trimethylbenzene	10	9.28		ppb v/v		93	72 - 126
2-Chlorotoluene	10	9.38		ppb v/v		94	74 - 126
tert-Butylbenzene	10	9.18		ppb v/v		92	71 - 125
1,2,4-Trimethylbenzene	10	9.43		ppb v/v		94	71 - 129
sec-Butylbenzene	10	9.53		ppb v/v		95	70 - 128
4-Isopropyltoluene	10	9.41		ppb v/v		94	68 - 130
1,3-Dichlorobenzene	10	9.25		ppb v/v		93	69 - 131
1,4-Dichlorobenzene	10	9.26		ppb v/v		93	67 - 132
Benzyl chloride	10	9.92		ppb v/v		99	60 - 136
n-Butylbenzene	10	9.82		ppb v/v		98	65 - 137
1,2-Dichlorobenzene	10	9.20		ppb v/v		92	68 - 129
1,2,4-Trichlorobenzene	10	11.3		ppb v/v		113	50 - 150
Hexachlorobutadiene	10	9.85		ppb v/v		99	58 - 130
Naphthalene	10	12.8		ppb v/v		128	50 - 150

Lab Sample ID: MB 200-214344/4
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			03/18/25 09:54	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			03/18/25 09:54	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/18/25 09:54	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			03/18/25 09:54	1
n-Butane	1.2	U	1.2	0.48	ug/m3			03/18/25 09:54	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/18/25 09:54	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/18/25 09:54	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/18/25 09:54	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/18/25 09:54	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/18/25 09:54	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			03/18/25 09:54	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			03/18/25 09:54	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214344/4
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/18/25 09:54	1
Acetone	12	U	12	3.8	ug/m3			03/18/25 09:54	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			03/18/25 09:54	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/18/25 09:54	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/18/25 09:54	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			03/18/25 09:54	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/18/25 09:54	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/18/25 09:54	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/18/25 09:54	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			03/18/25 09:54	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/18/25 09:54	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/18/25 09:54	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/18/25 09:54	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/18/25 09:54	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/18/25 09:54	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/18/25 09:54	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			03/18/25 09:54	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			03/18/25 09:54	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			03/18/25 09:54	1
Benzene	0.64	U	0.64	0.14	ug/m3			03/18/25 09:54	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/18/25 09:54	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			03/18/25 09:54	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/18/25 09:54	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/18/25 09:54	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/18/25 09:54	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/18/25 09:54	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/18/25 09:54	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/18/25 09:54	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/18/25 09:54	1
Toluene	0.75	U	0.75	0.23	ug/m3			03/18/25 09:54	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/18/25 09:54	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/18/25 09:54	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			03/18/25 09:54	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/18/25 09:54	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/18/25 09:54	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/18/25 09:54	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/18/25 09:54	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/18/25 09:54	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			03/18/25 09:54	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			03/18/25 09:54	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/18/25 09:54	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/18/25 09:54	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/18/25 09:54	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/18/25 09:54	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 09:54	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/18/25 09:54	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 09:54	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/18/25 09:54	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214344/4
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/18/25 09:54	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/18/25 09:54	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/18/25 09:54	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/18/25 09:54	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/18/25 09:54	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/18/25 09:54	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/18/25 09:54	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/18/25 09:54	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/18/25 09:54	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/18/25 09:54	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/18/25 09:54	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/18/25 09:54	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			03/18/25 09:54	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			03/18/25 09:54	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/18/25 09:54	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			03/18/25 09:54	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			03/18/25 09:54	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/18/25 09:54	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/18/25 09:54	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/18/25 09:54	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/18/25 09:54	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/18/25 09:54	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 09:54	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			03/18/25 09:54	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/18/25 09:54	1
Acetone	5.0	U	5.0	1.6	ppb v/v			03/18/25 09:54	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			03/18/25 09:54	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/18/25 09:54	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/18/25 09:54	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			03/18/25 09:54	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/18/25 09:54	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/18/25 09:54	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/18/25 09:54	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			03/18/25 09:54	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/18/25 09:54	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/18/25 09:54	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/18/25 09:54	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/18/25 09:54	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/18/25 09:54	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/18/25 09:54	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			03/18/25 09:54	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			03/18/25 09:54	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			03/18/25 09:54	1
Benzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 09:54	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/18/25 09:54	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			03/18/25 09:54	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/18/25 09:54	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214344/4
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/18/25 09:54	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/18/25 09:54	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/18/25 09:54	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 09:54	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/18/25 09:54	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/18/25 09:54	1
Toluene	0.20	U	0.20	0.062	ppb v/v			03/18/25 09:54	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/18/25 09:54	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/18/25 09:54	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			03/18/25 09:54	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/18/25 09:54	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/18/25 09:54	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/18/25 09:54	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 09:54	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/18/25 09:54	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			03/18/25 09:54	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			03/18/25 09:54	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/18/25 09:54	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/18/25 09:54	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/18/25 09:54	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/18/25 09:54	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 09:54	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/18/25 09:54	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 09:54	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/18/25 09:54	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 09:54	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/18/25 09:54	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/18/25 09:54	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/18/25 09:54	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/18/25 09:54	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/18/25 09:54	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/18/25 09:54	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/18/25 09:54	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/18/25 09:54	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/18/25 09:54	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/18/25 09:54	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/18/25 09:54	1

Lab Sample ID: LCS 200-214344/3
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	42.4		ug/m3		86	61 - 142
Chlorodifluoromethane	35.4	33.9		ug/m3		96	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	60.8		ug/m3		87	71 - 141
Chloromethane	20.6	18.2		ug/m3		88	56 - 141
n-Butane	23.8	21.8		ug/m3		92	53 - 151

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214344/3
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl chloride	25.6	22.1		ug/m3		86	61 - 135
1,3-Butadiene	22.1	18.3		ug/m3		83	58 - 139
Bromomethane	38.8	33.2		ug/m3		85	72 - 124
Chloroethane	26.4	22.9		ug/m3		87	68 - 130
Bromoethene(Vinyl Bromide)	43.7	38.5		ug/m3		88	75 - 125
Trichlorofluoromethane	56.2	47.7		ug/m3		85	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	63.6		ug/m3		83	70 - 121
1,1-Dichloroethene	39.6	32.4		ug/m3		82	68 - 120
Acetone	23.7	22.0		ug/m3		92	54 - 154
Isopropyl alcohol	24.6	24.9		ug/m3		101	53 - 142
Carbon disulfide	31.1	26.5		ug/m3		85	71 - 138
3-Chloropropene	31.3	24.9		ug/m3		79	50 - 150
Methylene Chloride	34.7	30.4		ug/m3		88	59 - 137
tert-Butyl alcohol	30.3	27.4		ug/m3		91	66 - 132
Methyl tert-butyl ether	36.0	31.7		ug/m3		88	70 - 127
trans-1,2-Dichloroethene	39.6	35.7		ug/m3		90	69 - 137
n-Hexane	35.2	31.5		ug/m3		89	63 - 138
1,1-Dichloroethane	40.5	34.4		ug/m3		85	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	25.9		ug/m3		88	72 - 124
cis-1,2-Dichloroethene	39.6	32.3		ug/m3		81	72 - 121
Chloroform	48.8	41.9		ug/m3		86	73 - 124
Tetrahydrofuran	29.5	27.1		ug/m3		92	60 - 149
1,1,1-Trichloroethane	54.6	46.7		ug/m3		86	72 - 127
Cyclohexane	34.4	30.3		ug/m3		88	76 - 124
Carbon tetrachloride	62.9	54.2		ug/m3		86	71 - 133
2,2,4-Trimethylpentane	46.7	42.5		ug/m3		91	68 - 131
Benzene	31.9	28.3		ug/m3		89	73 - 119
1,2-Dichloroethane	40.5	35.5		ug/m3		88	68 - 135
n-Heptane	41.0	37.9		ug/m3		92	60 - 142
Trichloroethene	53.7	47.6		ug/m3		89	73 - 122
Methyl methacrylate	40.9	37.0		ug/m3		90	73 - 129
1,2-Dichloropropane	46.2	42.5		ug/m3		92	69 - 128
1,4-Dioxane	36.0	31.5		ug/m3		87	66 - 129
Bromodichloromethane	67.0	58.7		ug/m3		88	75 - 127
cis-1,3-Dichloropropene	45.4	40.8		ug/m3		90	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	39.0		ug/m3		95	58 - 144
Toluene	37.7	32.3		ug/m3		86	75 - 122
trans-1,3-Dichloropropene	45.4	43.9		ug/m3		97	74 - 128
1,1,2-Trichloroethane	54.6	47.6		ug/m3		87	75 - 126
Tetrachloroethene	67.8	55.0		ug/m3		81	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	38.3		ug/m3		94	57 - 143
Dibromochloromethane	85.2	66.0		ug/m3		78	73 - 125
1,2-Dibromoethane	76.8	65.8		ug/m3		86	78 - 122
Chlorobenzene	46.0	38.5		ug/m3		84	76 - 119
Ethylbenzene	43.4	36.9		ug/m3		85	74 - 122
m,p-Xylene	86.8	73.0		ug/m3		84	76 - 121

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214344/3
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	43.4	37.3		ug/m3		86	73 - 123
Styrene	42.6	36.9		ug/m3		87	74 - 125
Bromoform	103	65.9		ug/m3		64	53 - 149
Cumene	49.1	41.7		ug/m3		85	73 - 123
1,1,2,2-Tetrachloroethane	68.6	59.0		ug/m3		86	74 - 126
n-Propylbenzene	49.1	42.4		ug/m3		86	73 - 127
4-Ethyltoluene	49.2	42.6		ug/m3		87	75 - 129
1,3,5-Trimethylbenzene	49.2	41.8		ug/m3		85	72 - 126
2-Chlorotoluene	51.8	44.0		ug/m3		85	74 - 126
tert-Butylbenzene	54.9	45.8		ug/m3		83	71 - 125
1,2,4-Trimethylbenzene	49.2	41.8		ug/m3		85	71 - 129
sec-Butylbenzene	54.9	47.4		ug/m3		86	70 - 128
4-Isopropyltoluene	54.9	46.1		ug/m3		84	68 - 130
1,3-Dichlorobenzene	60.1	49.9		ug/m3		83	69 - 131
1,4-Dichlorobenzene	60.1	50.5		ug/m3		84	67 - 132
Benzyl chloride	51.8	43.3		ug/m3		84	60 - 136
n-Butylbenzene	54.9	47.8		ug/m3		87	65 - 137
1,2-Dichlorobenzene	60.1	49.6		ug/m3		82	68 - 129
1,2,4-Trichlorobenzene	74.2	71.6		ug/m3		97	50 - 150
Hexachlorobutadiene	107	93.0		ug/m3		87	58 - 130
Naphthalene	52.4	51.5		ug/m3		98	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	8.58		ppb v/v		86	61 - 142
Chlorodifluoromethane	10	9.57		ppb v/v		96	60 - 147
1,2-Dichlorotetrafluoroethane	10	8.70		ppb v/v		87	71 - 141
Chloromethane	10	8.82		ppb v/v		88	56 - 141
n-Butane	10	9.15		ppb v/v		92	53 - 151
Vinyl chloride	10	8.63		ppb v/v		86	61 - 135
1,3-Butadiene	10	8.28		ppb v/v		83	58 - 139
Bromomethane	10	8.55		ppb v/v		85	72 - 124
Chloroethane	10	8.68		ppb v/v		87	68 - 130
Bromoethene(Vinyl Bromide)	10	8.79		ppb v/v		88	75 - 125
Trichlorofluoromethane	10	8.49		ppb v/v		85	70 - 129
1,1,2-Trichlorotrifluoroethane	10	8.29		ppb v/v		83	70 - 121
1,1-Dichloroethene	10	8.17		ppb v/v		82	68 - 120
Acetone	10	9.24		ppb v/v		92	54 - 154
Isopropyl alcohol	10	10.1		ppb v/v		101	53 - 142
Carbon disulfide	10	8.50		ppb v/v		85	71 - 138
3-Chloropropene	10	7.94		ppb v/v		79	50 - 150
Methylene Chloride	10	8.75		ppb v/v		88	59 - 137
tert-Butyl alcohol	10	9.05		ppb v/v		91	66 - 132
Methyl tert-butyl ether	10	8.79		ppb v/v		88	70 - 127
trans-1,2-Dichloroethene	10	8.99		ppb v/v		90	69 - 137
n-Hexane	10	8.94		ppb v/v		89	63 - 138
1,1-Dichloroethane	10	8.49		ppb v/v		85	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	8.79		ppb v/v		88	72 - 124
cis-1,2-Dichloroethene	10	8.14		ppb v/v		81	72 - 121

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214344/3
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	10	8.57		ppb v/v		86	73 - 124
Tetrahydrofuran	10	9.20		ppb v/v		92	60 - 149
1,1,1-Trichloroethane	10	8.56		ppb v/v		86	72 - 127
Cyclohexane	10	8.79		ppb v/v		88	76 - 124
Carbon tetrachloride	10	8.62		ppb v/v		86	71 - 133
2,2,4-Trimethylpentane	10	9.10		ppb v/v		91	68 - 131
Benzene	10	8.87		ppb v/v		89	73 - 119
1,2-Dichloroethane	10	8.77		ppb v/v		88	68 - 135
n-Heptane	10	9.25		ppb v/v		92	60 - 142
Trichloroethene	10	8.86		ppb v/v		89	73 - 122
Methyl methacrylate	10	9.03		ppb v/v		90	73 - 129
1,2-Dichloropropane	10	9.19		ppb v/v		92	69 - 128
1,4-Dioxane	10	8.74		ppb v/v		87	66 - 129
Bromodichloromethane	10	8.76		ppb v/v		88	75 - 127
cis-1,3-Dichloropropene	10	8.98		ppb v/v		90	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	9.51		ppb v/v		95	58 - 144
Toluene	10	8.58		ppb v/v		86	75 - 122
trans-1,3-Dichloropropene	10	9.66		ppb v/v		97	74 - 128
1,1,2-Trichloroethane	10	8.72		ppb v/v		87	75 - 126
Tetrachloroethene	10	8.12		ppb v/v		81	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	9.35		ppb v/v		94	57 - 143
Dibromochloromethane	10	7.75		ppb v/v		78	73 - 125
1,2-Dibromoethane	10	8.56		ppb v/v		86	78 - 122
Chlorobenzene	10	8.36		ppb v/v		84	76 - 119
Ethylbenzene	10	8.49		ppb v/v		85	74 - 122
m,p-Xylene	20	16.8		ppb v/v		84	76 - 121
o-Xylene	10	8.59		ppb v/v		86	73 - 123
Styrene	10	8.67		ppb v/v		87	74 - 125
Bromoform	10	6.37		ppb v/v		64	53 - 149
Cumene	10	8.49		ppb v/v		85	73 - 123
1,1,2,2-Tetrachloroethane	10	8.59		ppb v/v		86	74 - 126
n-Propylbenzene	10	8.63		ppb v/v		86	73 - 127
4-Ethyltoluene	10	8.67		ppb v/v		87	75 - 129
1,3,5-Trimethylbenzene	10	8.50		ppb v/v		85	72 - 126
2-Chlorotoluene	10	8.50		ppb v/v		85	74 - 126
tert-Butylbenzene	10	8.34		ppb v/v		83	71 - 125
1,2,4-Trimethylbenzene	10	8.50		ppb v/v		85	71 - 129
sec-Butylbenzene	10	8.63		ppb v/v		86	70 - 128
4-Isopropyltoluene	10	8.39		ppb v/v		84	68 - 130
1,3-Dichlorobenzene	10	8.30		ppb v/v		83	69 - 131
1,4-Dichlorobenzene	10	8.40		ppb v/v		84	67 - 132
Benzyl chloride	10	8.37		ppb v/v		84	60 - 136
n-Butylbenzene	10	8.70		ppb v/v		87	65 - 137
1,2-Dichlorobenzene	10	8.24		ppb v/v		82	68 - 129
1,2,4-Trichlorobenzene	10	9.65		ppb v/v		97	50 - 150
Hexachlorobutadiene	10	8.72		ppb v/v		87	58 - 130
Naphthalene	10	9.83		ppb v/v		98	50 - 150

Air - GC/MS VOA

Analysis Batch: 214306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-77312-7	IA-01_20250312	Total/NA	Air	TO-15	
200-77312-8	IA-02_20250312	Total/NA	Air	TO-15	
200-77312-9	IA-03_20250312	Total/NA	Air	TO-15	
200-77312-10	IA-04_20250312	Total/NA	Air	TO-15	
200-77312-11	IA-05_20250312	Total/NA	Air	TO-15	
200-77312-12	IA-06_20250312	Total/NA	Air	TO-15	
200-77312-13	AA-01_20250312	Total/NA	Air	TO-15	
MB 200-214306/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-214306/4	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 214307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-77312-1	MP-1_20250312	Total/NA	Air	TO-15	
200-77312-2	MP-2_20250312	Total/NA	Air	TO-15	
200-77312-3	MP-3_20250312	Total/NA	Air	TO-15	
200-77312-4	MP-4_20250312	Total/NA	Air	TO-15	
200-77312-5	MP-5_20250312	Total/NA	Air	TO-15	
MB 200-214307/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-214307/3	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 214344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-77312-2 - DL	MP-2_20250312	Total/NA	Air	TO-15	
200-77312-6	MP-6_20250312	Total/NA	Air	TO-15	
MB 200-214344/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-214344/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-1_20250312
Lab Sample ID: 200-77312-1
Date Collected: 03/13/25 14:50
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214307	A1B	EET BUR	03/18/25 00:42

Client Sample ID: MP-2_20250312
Lab Sample ID: 200-77312-2
Date Collected: 03/13/25 13:28
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214307	A1B	EET BUR	03/18/25 01:37
Total/NA	Analysis	TO-15	DL	11.8	214344	A1B	EET BUR	03/18/25 12:36

Client Sample ID: MP-3_20250312
Lab Sample ID: 200-77312-3
Date Collected: 03/13/25 14:51
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214307	A1B	EET BUR	03/18/25 03:32

Client Sample ID: MP-4_20250312
Lab Sample ID: 200-77312-4
Date Collected: 03/13/25 12:09
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214307	A1B	EET BUR	03/18/25 04:32

Client Sample ID: MP-5_20250312
Lab Sample ID: 200-77312-5
Date Collected: 03/13/25 12:06
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214307	A1B	EET BUR	03/18/25 05:37

Client Sample ID: MP-6_20250312
Lab Sample ID: 200-77312-6
Date Collected: 03/13/25 15:30
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214344	A1B	EET BUR	03/18/25 11:44

Client Sample ID: IA-01_20250312
Lab Sample ID: 200-77312-7
Date Collected: 03/13/25 14:49
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214306	K1P	EET BUR	03/17/25 13:40

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: IA-02_20250312
Lab Sample ID: 200-77312-8
Date Collected: 03/13/25 13:28
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214306	K1P	EET BUR	03/17/25 14:31

Client Sample ID: IA-03_20250312
Lab Sample ID: 200-77312-9
Date Collected: 03/13/25 14:51
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214306	K1P	EET BUR	03/17/25 15:22

Client Sample ID: IA-04_20250312
Lab Sample ID: 200-77312-10
Date Collected: 03/13/25 12:09
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214306	K1P	EET BUR	03/17/25 16:13

Client Sample ID: IA-05_20250312
Lab Sample ID: 200-77312-11
Date Collected: 03/13/25 12:06
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214306	K1P	EET BUR	03/17/25 17:06

Client Sample ID: IA-06_20250312
Lab Sample ID: 200-77312-12
Date Collected: 03/13/25 15:30
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214306	K1P	EET BUR	03/17/25 17:57

Client Sample ID: AA-01_20250312
Lab Sample ID: 200-77312-13
Date Collected: 03/13/25 14:09
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214306	K1P	EET BUR	03/17/25 18:52

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	VT972	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene

New York	NELAP	10391	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-77312-1	MP-1_20250312	Air	03/13/25 14:50	03/14/25 10:35	Air Canister (6-Liter) #2911
200-77312-2	MP-2_20250312	Air	03/13/25 13:28	03/14/25 10:35	Air Canister (6-Liter) #4432
200-77312-3	MP-3_20250312	Air	03/13/25 14:51	03/14/25 10:35	Air Canister (6-Liter) #3086
200-77312-4	MP-4_20250312	Air	03/13/25 12:09	03/14/25 10:35	Air Canister (6-Liter) #4819
200-77312-5	MP-5_20250312	Air	03/13/25 12:06	03/14/25 10:35	Air Canister (6-Liter) #2511
200-77312-6	MP-6_20250312	Air	03/13/25 15:30	03/14/25 10:35	Air Canister (6-Liter) #34000083
200-77312-7	IA-01_20250312	Air	03/13/25 14:49	03/14/25 10:35	Air Canister (6-Liter) #2819
200-77312-8	IA-02_20250312	Air	03/13/25 13:28	03/14/25 10:35	Air Canister (6-Liter) #5152
200-77312-9	IA-03_20250312	Air	03/13/25 14:51	03/14/25 10:35	Air Canister (6-Liter) #5628
200-77312-10	IA-04_20250312	Air	03/13/25 12:09	03/14/25 10:35	Air Canister (6-Liter) #3205
200-77312-11	IA-05_20250312	Air	03/13/25 12:06	03/14/25 10:35	Air Canister (6-Liter) #27027
200-77312-12	IA-06_20250312	Air	03/13/25 15:30	03/14/25 10:35	Air Canister (6-Liter) #34000189
200-77312-13	AA-01_20250312	Air	03/13/25 14:09	03/14/25 10:35	Air Canister (6-Liter) #34000461

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Analyst	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID
200-77312	SML III	3/14/2025	13:25	29.8	22	G40

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	X		
(2) Is the flow controller ID used for each canister recorded?	X		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		X	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		X	
If damage observed, list equipment IDs and describe condition:			

Laboratory	Canister ID	Pressure Hg" [1]	Fail (Y/N)[2]	Sampling FC ID[3]	FC Check Reference	Return (Y/N)	Can Cert	Comments
200-77312-A-1	2911	-8.1	N	4624	N/A	N	2911	
200-77312-A-2	4432	-8.9	N	4743	N/A	N	4432	
200-77312-A-3	3086	-5.6	N	3050	N/A	N	3086	
200-77312-A-4	4819	-8.0	N	7636	N/A	N	4819	
200-77312-A-5	2511	-9.1	N	4701	N/A	N	2511	
200-77312-A-6	34000083	-8.7	N	4909	N/A	N	34000083	
200-77312-A-7	2819	-7.6	N	2763	N/A	N	2819	
200-77312-A-8	5152	-6.0	N	7425	N/A	N	5152	
200-77312-A-9	5628	-7.0	N	4192	N/A	N	5628	
200-77312-A-10	3205	-6.8	N	3701	N/A	N	3205	
200-77312-A-11	27027	-9.6	N	3772	N/A	N	27027	
200-77312-A-12	34000189	-7.6	N	3769	N/A	N	34000189	
200-77312-A-13	34000461	-6.7	N	5010	N/A	N	34000461	

[1] Criteria: Return Pressure should be between -1 and -12 ("Hg) with the exception of grab samples.
Grab samples, or if using 100 or 200mL/minute flow controllers, must be returned at no lower than -12"Hg, but have no other specific criteria.

[2] If return pressure is not within criteria, initiate Non-conformance Memo

[3] Subtact the retrun pressure from the final field pressure reading recorded on the FTDS.

[4] The difference should be less than ± 2.3 ("Hg), if it is not, initiate Non-conformance Memo.

[5] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

>>> Select a Lab or Service Center <<

#N/A
#N/A
#N/A
#N/A

NYC 222

Canister Samples Chain of Custody Record for Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

Eurofins assumes no liability with respect to the collection and shipment of these samples

eurofins Environment Testing America

Eurofins Environment Testing Northern California LLC d/b/a Eurofins Air Toxics/Sacramento

Eurofins services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2022-04 by and between Haley & Aldrich Inc. its subsidiaries and affiliates and and Eurofins Northern California LLC and its named affiliates Eurofins Environment Testing Northeast LLC Eurofins Environment Testing North Central LLC and Eurofins Environment Testing Southwest LLC

Client Contact Information	**Client Project Manager:** Matthew Levy	**Samples Collected By:** Eddy Nunez	COC No
Company Name Haley Aldrich of New York	**Phone:** 646-893-4733		1 of 2 COCs
Address 213 West 35th Street	**Email:** Mlevy@haleyaldrich.com		TALS Project #
City/State/Zip New York, New York, 10001			**For Lab Use Only:**
Phone	**Site Contact:** Nick Manzione		Walk-in Client
FAX	**Tel/Fax** 516-353-9882		Lab Sampling
Project Name 1885 Atlantic Avenue	**Analysis Turnaround Time**		Job / SDG No.
Site/Location 1885 Atlantic Avenue, Brooklyn, New York, 1123	Standard (Specific) 5 Days		(See below for Add'l Items)
P O # 0205125	Rush (Specifiy)		

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15 (Standard)	TO-15 (Low Level/SIM)	ASTM D-1946			Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
MP-1_20250312	3/12/2025	1401	3/13/2025	1450	-30	-10	4624	4024	X								X					Canister ID: 2511
MP-2_20250312	3/12/2025	1455	3/13/2025	1328	-30	-10	4743	4432	X								X					
MP-3_20250312	3/12/2025	1438	3/13/2025	1451	-30	-10	3050	3086	X								X					
MP-4_20250312	3/12/2025	1449	3/13/2025	1209	-30	-16	7636	4819	X								X					
MP-5_20250312	3/12/2025	1351	3/13/2025	1206	-26	-8	4701	2511	X								X					
MP-6_20250312	3/12/2025	1510	3/13/2025	1530	-30	-10	4909	34000083	X								X					

Temperature (Fahrenheit)		
	Interior	Ambient
Start		
Stop		

Pressure (inches of Hg)		
	Interior	Ambient
Start		
Stop		

200-77312 Chain of Custody

Loc: 200
77312

Special Instructions/QC Requirements & Comments: log in samples using start dates and times

Samples Shipped by: Eddy Nunez	**Date / Time:** 3/13/25 16:40	**Samples Received by:**
Samples Relinquished by:	**Date / Time:** 03/13/25 17:00	**Received by:** ETABUN 3/14/25 1035
Relinquished by:	**Date / Time:**	**Received by:**
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**

Rev. 1.1 dated 11/17/2021

NYC 222

>>> Select a Lab or Service Center <<

#N/A
#N/A
#N/A
#N/A

Canister Samples Chain of Custody Record for Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

Eurofins assumes no liability with respect to the collection and shipment of these samples

eurofins Environment Testing America

Eurofins Environment Testing Northern California LLC d/b/a Eurofins Air Toxics/Sacramento

Eurofins services under this CoC shall be performed in accordance with the T&Cs with n Blanket Service Agreement# 2022-04 by and between Haley & Aldrich Inc its subsidiaries and affiliates and and Eurof ns Northern California LLC and its named affiliates Eurofins Env ronment Testing Northeast LLC Eurofins Env ronment Testing North Central LLC and Eurofins Environment Testing Southwest LLC

Client Contact Information	**Client Project Manager:** Matthew Levy	**Samples Collected By:** Eddy Nunez
Company Name Haley Aldrich of New York	**Phone:** 646-893-4733	
Address 213 West 35th Street	**Email:** Mlevy@haleyaldrich.com	
City/State/Zip New York, New York, 10001		
Phone	**Site Contact:** Nick Manzione	
FAX.	**Tel/Fax** 516-353-9882	
Project Name 1885 Atlantic Avenue	**Analysis Turnaround Time**	
Site/Location 1885 Atlantic Avenue, Brooklyn, New York, 1123	Standard (Specific) 5 Days	
P O # 0205125	Rush (Specifiy)	

COC No: 2 of 2 COCs

TALS Project #

For Lab Use Only:
Walk-in Client:
Lab Sampling

Job / SDG No

(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15 (Standard)	TO-15 (Low Level/SIM)	ASTM D-1946			Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
MP-1IA_20250312	3/12/2025	1404	3/13/2025	1449	-30	-8	2763	2819	X							X						
MP-2IA_20250312	3/12/2025	1501	3/13/2025	1328	-30	-10	7425	5152	X							X						
MP-3IA_20250312	3/12/2025	1440	3/13/2025	1451	-29	-9	4192	5628	X							X						
MP-4IA_20250312	3/12/2025	1450	3/13/2025	1209	-30	-10	3761	3205	X							X						
MP-5IA_20250312	3/12/2025	1352	3/13/2025	1206	-30	-10	3772	22027	X							X						
MP-6IA_20250312	3/12/2025	1511	3/13/2025	1530	-30	-9	3769	34000189	X							X						
AA-01_20250312	3/12/2025	1539	3/13/2025	1409	-30	-8	5016	34000461	X							X						

Temperature (Fahrenheit)		
Start	Interior	Ambient
Stop		

Pressure (inches of Hg)		
Start	Interior	Ambient
Stop		

Special Instructions/QC Requirements & Comments: log in samples using start dates and times

Samples Shipped by: Eddy Nunez	Date / Time: 3/13/2025 16:45	Samples Received by:
Samples Relinquished by:	Date / Time: 03/13/25 17:02	Received by: EHAB 3/14/25 1032
Relinquished by:	Date / Time:	Received by:
Lab Use Only: Shipper Name:	Opened by:	Condition:

Rev. 1.1 dated 11/17/2021

3/25/2025

ORIGIN ID:AIVA (646) 630-1481
AJAY SINGH

4732 32ND PLACE
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE: 13MAR25
ACTWGT: 40.00 LB
CAD: 112977992/INET4535

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403
REF
(802) 923-1026
INV
PO
DEPT

580J3/502Z/C6C4

FedEx Express

J25102412170uv

1 of 4

TRK# 0201 **7727 0432 3127**

MASTER

FRI - 14 MAR 10:30A
PRIORITY OVERNIGHT

NX BTVA

05403

VT-US BTV

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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

ORIGIN ID AIVA (646) 630-1481
AJAY SINGH

4732 32ND PLACE
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE 13MAR25
ACTWGT 40 00 LB
CAD 112977992/INET4535

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403
(802) 923-1026 REF
INV
PO. DEPT.

58CJ3I5027/C6C4

FedEx Express

J251024121701uv

2 of 4

MPS# 0263 **7727 0432 3138**
Mstr# 7727 0432 3127

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ORIGIN ID AIVA (646) 630-1481
AJAY SINGH

4732 32ND PLACE
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE 13MAR25
ACTWGT 40.00 LB
CAD 112977992/INET4535

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403
(802) 923-1026 REF
INV
PO. DEPT.

58CJ3/5027/C6C4

FedEx Express

J251024121701uv

3 of 4

MPS# 0263 **7727 0432 3149**
Mstr# 7727 0432 3127

FRI - 14 MAR 10:30A
PRIORITY OVERNIGHT

0201

NX BTVA

05403
VT-US BTV

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2 Place label in shipping pouch and affix it to your shipment

ORIGIN ID AIVA (646) 630-1481
AJAY SINGH

4732 32ND PLACE
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE 13MAR25
ACTWGT 40 00 LB
CAD 112977992/INET4535

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403

(802) 923-1026 REF
INV
PO. DEPT.

58CJ3/5027/C6C4

FedEx Express

J2510241217101uv

4 of 4

MPS# 0263 **7727 0432 3150**
Mstr# 7727 0432 3127

NX BTVA

FRI - 14 MAR 10:30A
PRIORITY OVERNIGHT

0201

05403
VT-US BTV

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2 Place label in shipping pouch and affix it to your shipment

Lee Ann Heathcote

From: Manzione, Nicholas <NManzione@haleyaldrich.com>
Sent: Wednesday, March 19, 2025 9:18 AM
To: Lee Ann Heathcote
Cc: Forshay, Matt; Levy, Matthew; Munz, Keila; Chatterton, Kelly
Subject: Edits to 1885 Atlantic Ave Results
Attachments: 200-77312-1ExcelPivot [Interim EDD Auto (UDS)].xlsx; COC 200-77312 (202503141344).pdf

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi Lee Ann,

Thank you for sending this over to us. We need to change the following Lab Sample IDs from MP-#IA_20250312 to just IA-##_YYYYMMDD with the number 01 matching up with MP-01 (So instead of MP-1IA_20250312 to IA-01_20250312 and so on). The following lab IDs that should reflect this change are below.

200-77312-7 (MP-1IA_20250312)
200-77312-8 (MP-2IA_20250312)
200-77312-9 (MP-3IA_20250312)
200-77312-10 (MP-4IA_20250312)
200-77312-11 (MP-5IA_20250312)
200-77312-12 (MP-6IA_20250312)

Let me know if you have any questions

Best,
Nick

Nicholas J. Manzione
Project Environmental Engineer

H & A of New York Engineering and Geology, LLP
213 West 35th Street, 7th Floor
New York, NY 10001

T: 917-765-7174
M: 516-353-9882
www.haleyaldrich.com

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 200-77312-1

Login Number: 77312
List Number: 1
Creator: Lavigne III, Scott N

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Oven 3/4	10		2/8/2025	1204	22	22	SML	6 liter	Individual

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	2511	0	0	0	29.7	GA01	3/4/25	1530	[illegible]	22.0	GA01	3/4/25	1335	[illegible]	22.0
2	2819		0	0		GA01					GA01				
3	4432		0	0		GA01					GA01				
4	34000461		0	0		GA01					GA01				
5	34000189		0	0		GA01					GA01				
6	34000083		0	0		GA01					GA01				
7	3205		0	0		GA01					GA01				
8	2694		0	0		GA01					GA01				
9	5406		0	0		GA01					GA01				
10	27027		0	0		GA01					GA01				
11	2911		0	0		GA01					GA01				
12	5152	✓	0	0	↓	GA01	✓	✓	✓	✓	GA01	✓	✓	✓	✓

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Reviewer
2511	2/11/25	63946	KPI		XXXXXXX				2/11/25	JPB
2819					XXXXXXX					
4432					XXXXXXX					
34000461					XXXXXXX					
34000189					XXXXXXX					
34000083	✓	✓	✓		XXXXXXX				✓	✓
3205	2/12/25	63962	KPI		XXXXXXX				2/12/25	↓
2694	2/11/25	63947	KPI		XXXXXXX				2/11/25	JPB
5406	↓	↓	↓		XXXXXXX				↓	↓
27027	2/12/25	63962	↓		XXXXXXX				2/12/25	↓
2911	↓	↓	↓		XXXXXXX				↓	↓
5152	↓	↓			XXXXXXX				↓	↓

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

0.04 IND CERT

Form ID: FAI023:12
Revision Date: 12/18/2018

200-76917-A-1
2511
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 2/8/2025 12:00 AM 200-1977437
Loc: 200
76917
#1 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Oven 3/4	10	32	2/11/2025	1100	21	21	SML III	6 liter	Individual

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	3086	Ø	Ø	Ø	29.4	GA01	2/12/25	1415	KB	22.0	GA01	2/25/25	1038	~	22.0
2	9210		Ø	Ø		GA01					GA01				
3	34001546		Ø	Ø		GA01					GA01				
4	5721		Ø	Ø		GA01					GA01				
5	3340		Ø	Ø		GA01					GA01				
6	3210		Ø	Ø		GA01					GA01				
7	5628		Ø	Ø		GA01					GA01				
8	2862		Ø	Ø		GA01					GA01				
9	4819		Ø	Ø		GA01					GA01				
10	4369		Ø	Ø		GA01					GA01				
11	5398		Ø	Ø	~	GA01					GA01	~	~	~	~
~~12~~	~~5712~~					GA01					GA01				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Review
3086	2/18/25	64024	ABI		XXXXXXX				2/18/25	TPB
9210					XXXXXXX					
34001546					XXXXXXX					
5721					XXXXXXX					
3340					XXXXXXX					
3210	2/19/25	64038	KPI		XXXXXXX				2/19/25	TPB
5628	2/20/25	64051			XXXXXXX				2/20/25	TPB
2862	2/19/25	64039	KPI		XXXXXXX				2/19/25	TPB
4819					XXXXXXX					
4369					XXXXXXX					
5398					XXXXXXX					
~~5712~~					XXXXXXX					

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Comments:

0.04 IND CERTIFIED

Dup Tees/Vac gauges (enter IDs if included):

Fails TPB 2/19/25

Form ID: FAI023:12
Revision Date: 12/18/2018

TestAmerica Burlington

Page 96 of 281

3/26/2025

200-76939-A-1
3086
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 2/11/2025 12:00 AM 200-1977827

Loc: 200
76939
#1 A
Air-Storag

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2511 Lab Sample ID: 200-76917-1

Matrix: Air Lab File ID: 63946_006.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 11:02

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *+	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *+	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2511 | Lab Sample ID: 200-76917-1

Matrix: Air | Lab File ID: 63946_006.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/10/2025 11:02

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213495 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2511 Lab Sample ID: 200-76917-1

Matrix: Air Lab File ID: 63946_006.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 11:02

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_006.D
Lims ID: 200-76917-A-1
Client ID: 2511
Sample Type: Client
Inject. Date: 10-Feb-2025 11:02:39 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063946-006
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:15:52 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 08:15:52

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.278				ND	7
	2 Dichlorodifluoromethane	85		4.380				ND	
	3 Chlorodifluoromethane	51		4.428				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
	5 Chloromethane	50		4.877				ND	
	7 Butane	43		5.182				ND	7
	6 Vinyl chloride	62		5.182				ND	
	8 Butadiene	54		5.300				ND	
	9 Bromomethane	94		6.049				ND	
	10 Chloroethane	64		6.327				ND	
	13 Vinyl bromide	106		6.760				ND	
	14 Trichlorofluoromethane	101		6.921				ND	
	16 Ethanol	45		7.327				ND	
	20 1,1-Dichloroethene	96		8.007				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
	22 Acetone	43		8.098				ND	7
	23 Isopropyl alcohol	45		8.408				ND	
	24 Carbon disulfide	76		8.413				ND	7
	26 3-Chloro-1-propene	41		8.718				ND	
	27 Methylene Chloride	49		8.959				ND	7
	28 2-Methyl-2-propanol	59		9.194				ND	
	30 trans-1,2-Dichloroethene	61		9.457				ND	
	31 Methyl tert-butyl ether	73		9.462				ND	
	32 Hexane	57		9.970				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.243				ND	
	34 Vinyl acetate	43		10.248				ND	
	36 2-Butanone (MEK)	72		11.233				ND	
	37 cis-1,2-Dichloroethene	96		11.254				ND	
	38 Ethyl acetate	88		11.308				ND	
*	39 Chlorobromomethane	128	11.671	11.677	-0.006	95	266499	10.0	
	40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1310698	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.566				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.331				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.882				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.032	19.033	-0.001	93	1147367	10.0	
	74 Chlorobenzene	112		19.092				ND	7
	75 Ethylbenzene	91		19.279				ND	MU
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	7
	86 2-Chlorotoluene	91		21.831				ND	7
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.761				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	7
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	7
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	7
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004	Amount Added:	20.00	Units: mL	Run Reagent

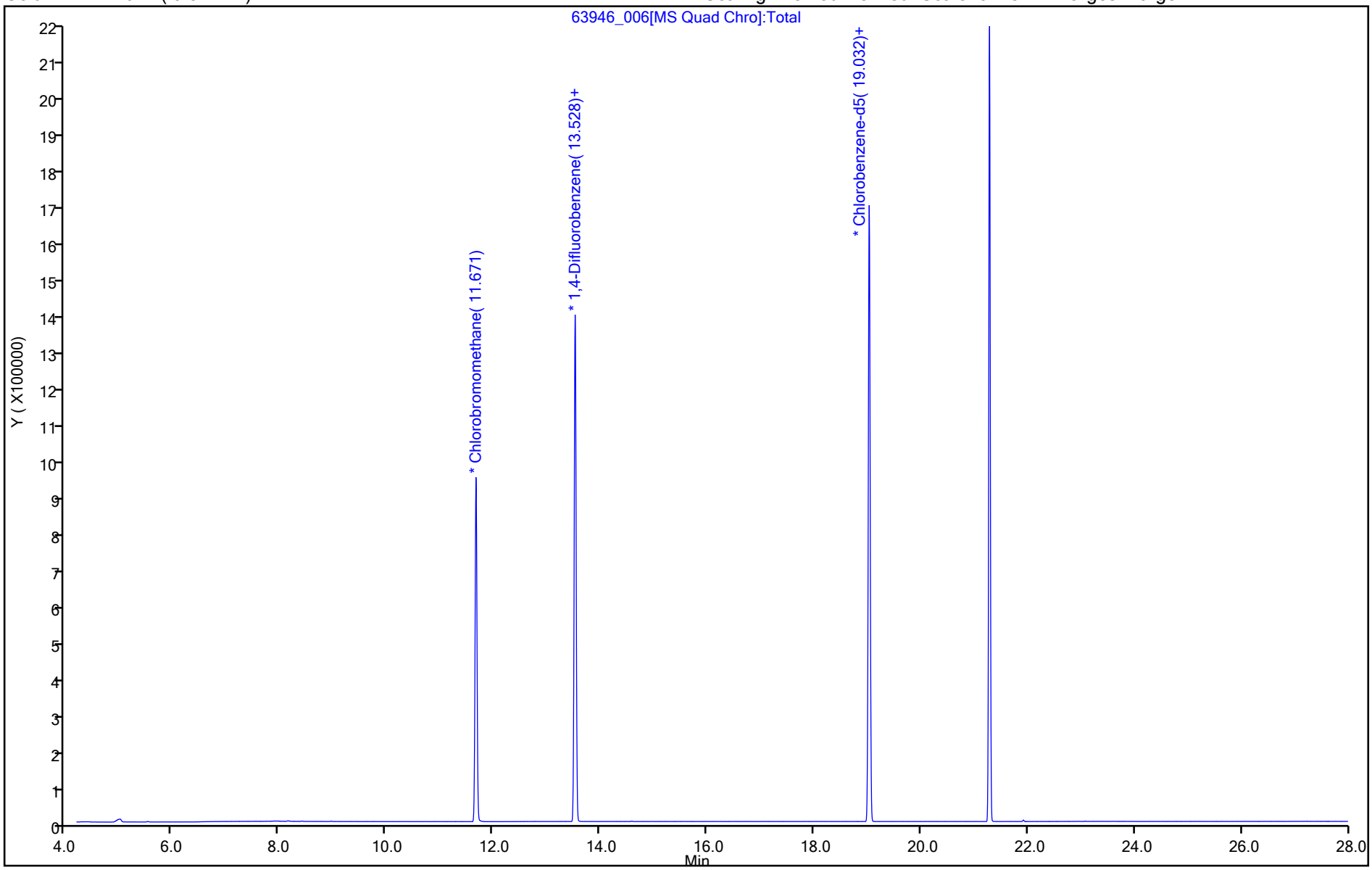
Report Date: 11-Feb-2025 08:15:52 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_006.D

Injection Date:	10-Feb-2025 11:02:39	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-1	Lab Sample ID:	200-76917-1	Worklist Smp#:	6
Client ID:	2511				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	6
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



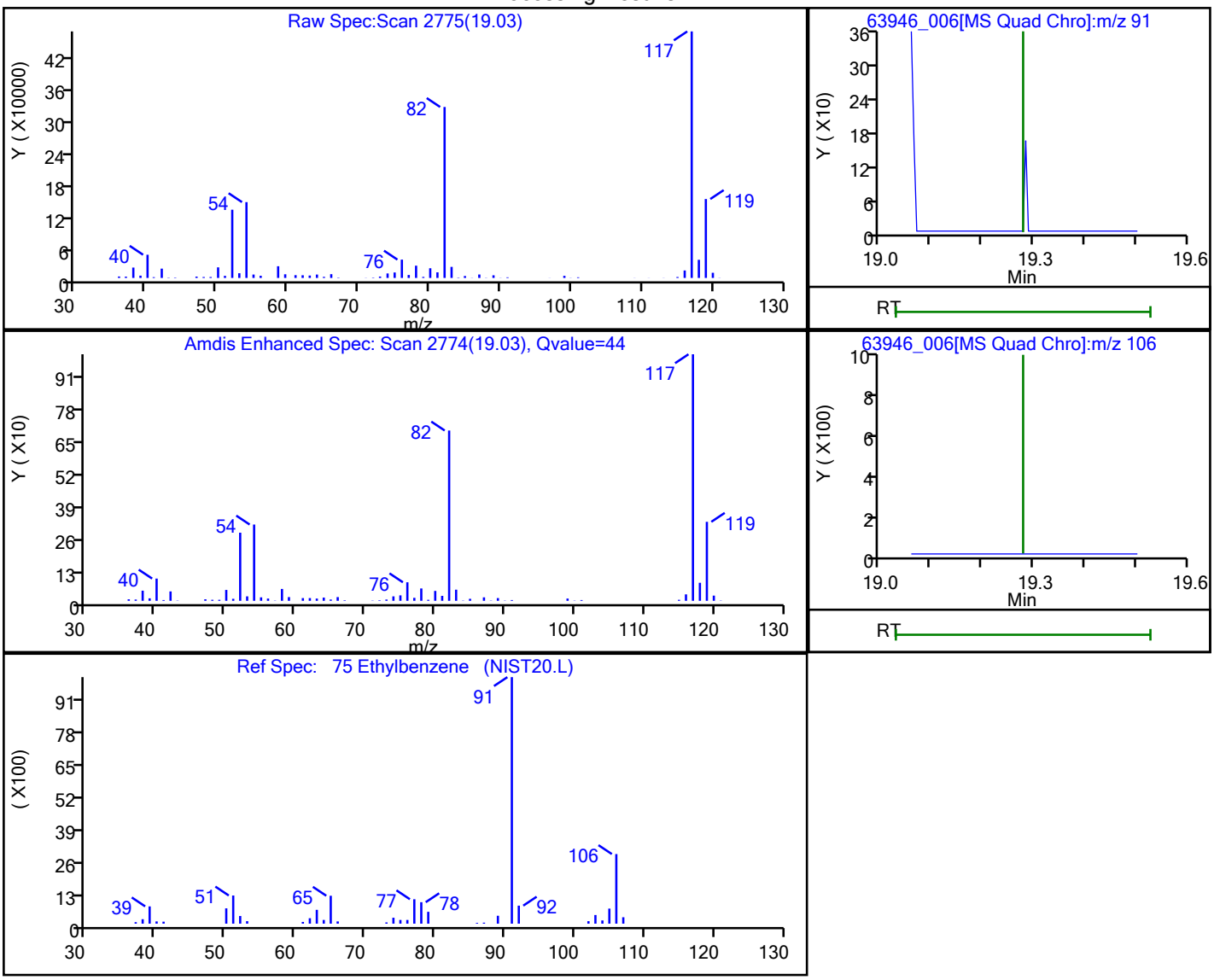
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_006.D				
Injection Date:	10-Feb-2025 11:02:39	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-1	Lab Sample ID:	200-76917-1		
Client ID:	2511				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.03	91.00	2810	0.015138
19.28	106.00	0	

Reviewer: YWL8, 11-Feb-2025 08:15:27 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2819 Lab Sample ID: 200-76917-2

Matrix: Air Lab File ID: 63946_007.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 12:04

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *+	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *+	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2819 | Lab Sample ID: 200-76917-2

Matrix: Air | Lab File ID: 63946_007.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/10/2025 12:04

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213495 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2819 Lab Sample ID: 200-76917-2

Matrix: Air Lab File ID: 63946_007.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 12:04

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_007.D
Lims ID: 200-76917-A-2
Client ID: 2819
Sample Type: Client
Inject. Date: 10-Feb-2025 12:04:44 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063946-007
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:34:33 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 08:34:33

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.278				ND	7
	2 Dichlorodifluoromethane	85		4.380				ND	
	3 Chlorodifluoromethane	51		4.428				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
	5 Chloromethane	50		4.877				ND	
	7 Butane	43		5.182				ND	7
	6 Vinyl chloride	62		5.182				ND	
	8 Butadiene	54		5.300				ND	
	9 Bromomethane	94		6.049				ND	
	10 Chloroethane	64		6.327				ND	
	13 Vinyl bromide	106		6.760				ND	
	14 Trichlorofluoromethane	101		6.921				ND	
	16 Ethanol	45		7.327				ND	
	20 1,1-Dichloroethene	96		8.007				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
	22 Acetone	43		8.098				ND	7
	23 Isopropyl alcohol	45		8.408				ND	
	24 Carbon disulfide	76	8.413	8.413	0.000	99	9560	0.0839	
	26 3-Chloro-1-propene	41		8.718				ND	
	27 Methylene Chloride	49		8.959				ND	7
	28 2-Methyl-2-propanol	59		9.194				ND	
	30 trans-1,2-Dichloroethene	61		9.457				ND	
	31 Methyl tert-butyl ether	73		9.462				ND	
	32 Hexane	57		9.970				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.243				ND	
	34 Vinyl acetate	43		10.248				ND	
	36 2-Butanone (MEK)	72		11.233				ND	
	37 cis-1,2-Dichloroethene	96		11.254				ND	
	38 Ethyl acetate	88		11.308				ND	
*	39 Chlorobromomethane	128	11.671	11.677	-0.006	93	252940	10.0	
	40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	98	1241899	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.566				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.331				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.882				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	94	1086360	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	MU
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.831				ND	
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.761				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004	Amount Added:	20.00	Units: mL	Run Reagent

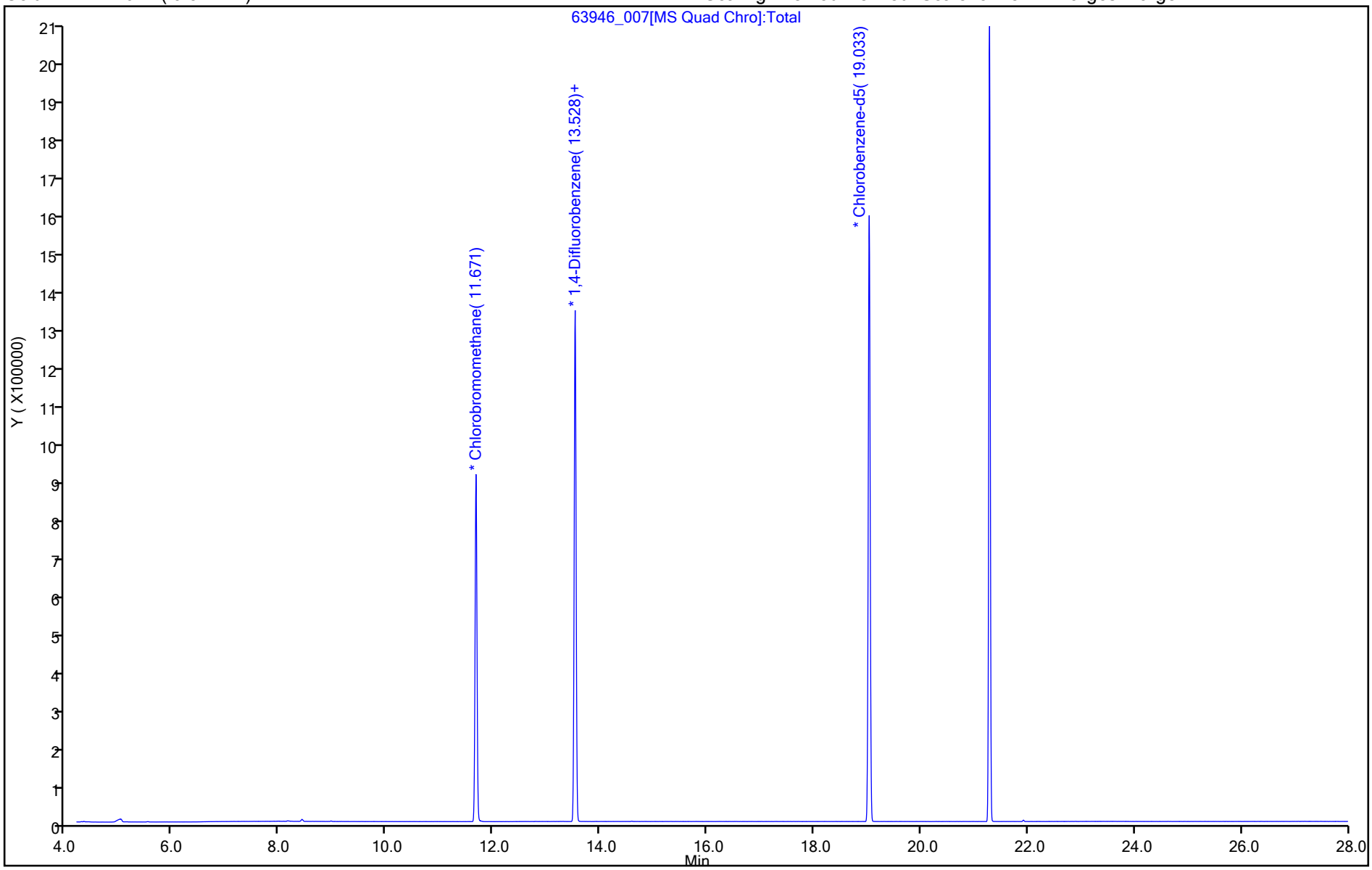
Report Date: 11-Feb-2025 08:34:33 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_007.D

Injection Date:	10-Feb-2025 12:04:44	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-2	Lab Sample ID:	200-76917-2	Worklist Smp#:	7
Client ID:	2819				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	7
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



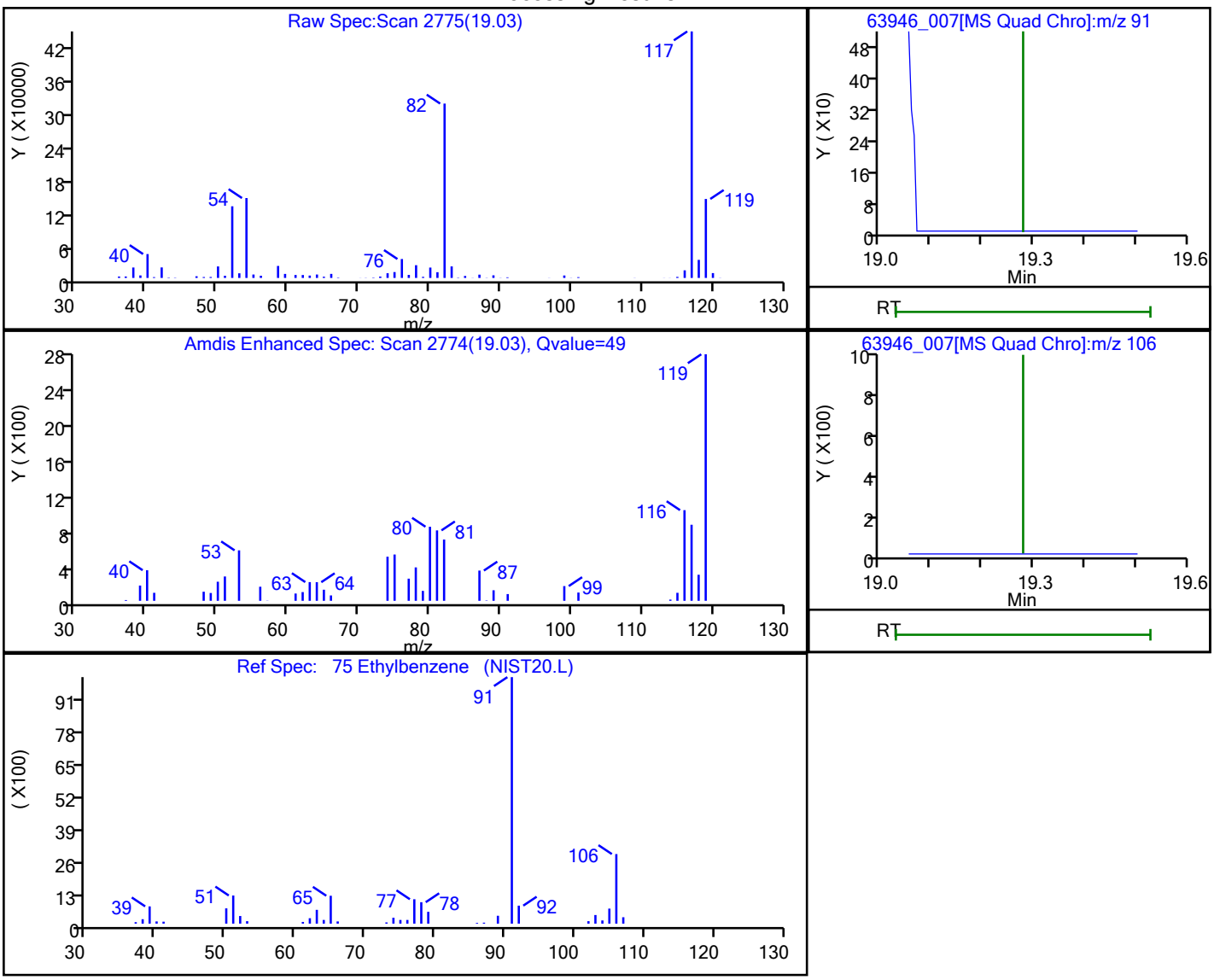
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_007.D				
Injection Date:	10-Feb-2025 12:04:44	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-2	Lab Sample ID:	200-76917-2		
Client ID:	2819				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.03	91.00	2721	0.015481
19.28	106.00	0	

Reviewer: YWL8, 11-Feb-2025 08:16:17 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 4432 Lab Sample ID: 200-76917-3

Matrix: Air Lab File ID: 63946_008.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 13:06

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *+	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *+	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 4432 Lab Sample ID: 200-76917-3

Matrix: Air Lab File ID: 63946_008.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 13:06

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 4432 Lab Sample ID: 200-76917-3

Matrix: Air Lab File ID: 63946_008.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 13:06

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_008.D
Lims ID: 200-76917-A-3
Client ID: 4432
Sample Type: Client
Inject. Date: 10-Feb-2025 13:06:21 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063946-008
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:38:50 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 08:38:50

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.278				ND	7
	2 Dichlorodifluoromethane	85		4.380				ND	
	3 Chlorodifluoromethane	51		4.428				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
	5 Chloromethane	50	4.883	4.875	0.006	93	900	0.0382	
	7 Butane	43		5.182				ND	7
	6 Vinyl chloride	62		5.182				ND	
	8 Butadiene	54		5.300				ND	
	9 Bromomethane	94		6.049				ND	
	10 Chloroethane	64		6.327				ND	
	13 Vinyl bromide	106		6.760				ND	
	14 Trichlorofluoromethane	101		6.921				ND	
	16 Ethanol	45		7.327				ND	
	20 1,1-Dichloroethene	96		8.007				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
	22 Acetone	43		8.098				ND	7
	23 Isopropyl alcohol	45		8.408				ND	
	24 Carbon disulfide	76		8.413				ND	7
	26 3-Chloro-1-propene	41		8.718				ND	
	27 Methylene Chloride	49		8.959				ND	7
	28 2-Methyl-2-propanol	59		9.194				ND	
	30 trans-1,2-Dichloroethene	61		9.457				ND	
	31 Methyl tert-butyl ether	73		9.462				ND	
	32 Hexane	57		9.970				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.243				ND	
	34 Vinyl acetate	43		10.248				ND	
	36 2-Butanone (MEK)	72		11.233				ND	
	37 cis-1,2-Dichloroethene	96		11.254				ND	
	38 Ethyl acetate	88		11.308				ND	
*	39 Chlorobromomethane	128	11.671	11.677	-0.006	93	219474	10.0	
	40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	98	1076856	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.566				ND	
	57 Dibromomethane	174		14.587				ND	
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.331				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.882				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	95	940004	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	MU
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.831				ND	
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.761				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004	Amount Added:	20.00	Units: mL	Run Reagent

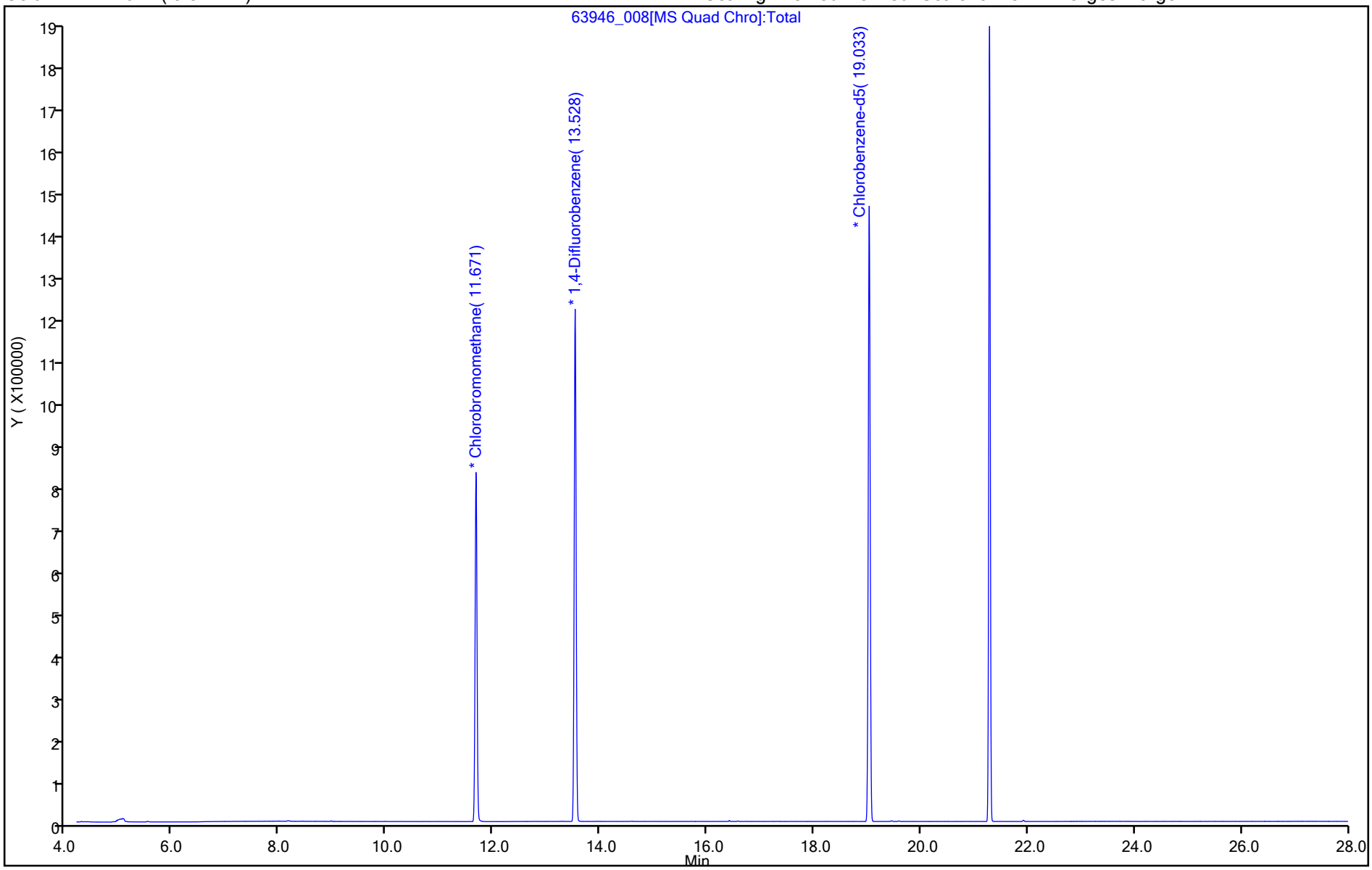
Report Date: 11-Feb-2025 08:38:50 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_008.D

Injection Date:	10-Feb-2025 13:06:21	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-3	Lab Sample ID:	200-76917-3	Worklist Smp#:	8
Client ID:	4432				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	8
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



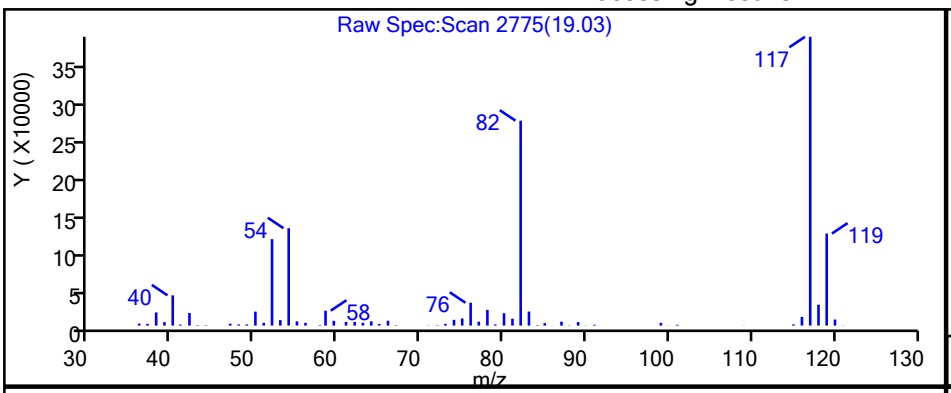
User Disabled Compound Report

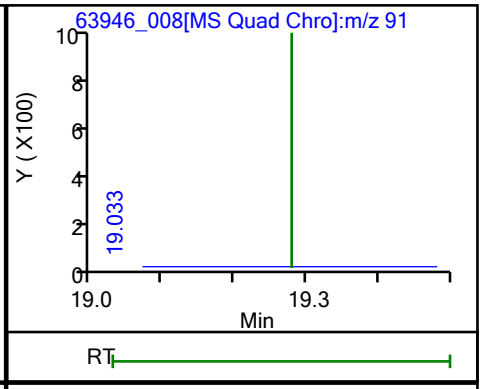
Eurofins Burlington

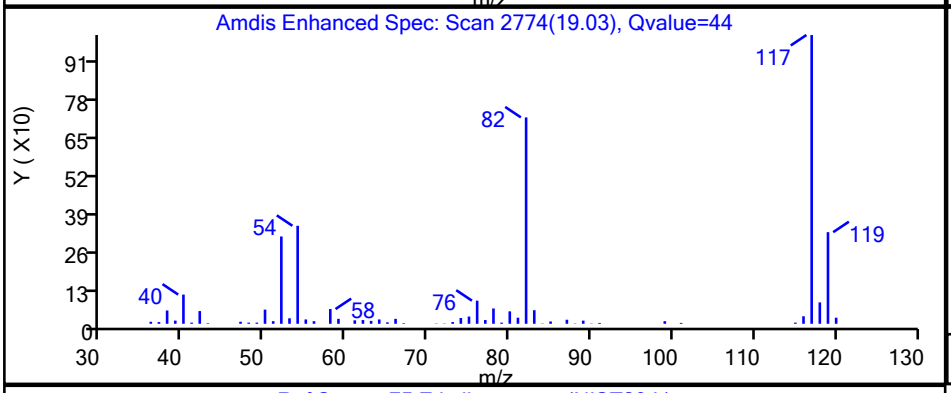
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_008.D				
Injection Date:	10-Feb-2025 13:06:21	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-3	Lab Sample ID:	200-76917-3		
Client ID:	4432				
Operator ID:	vtp	ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

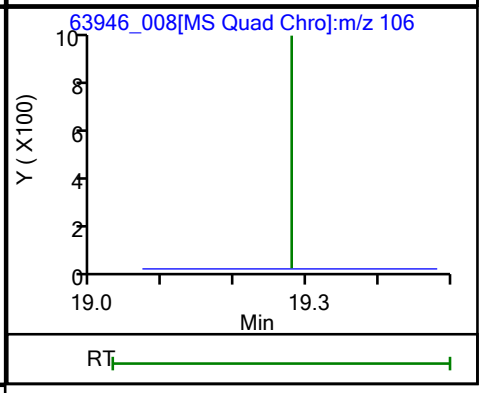
75 Ethylbenzene, CAS: 100-41-4

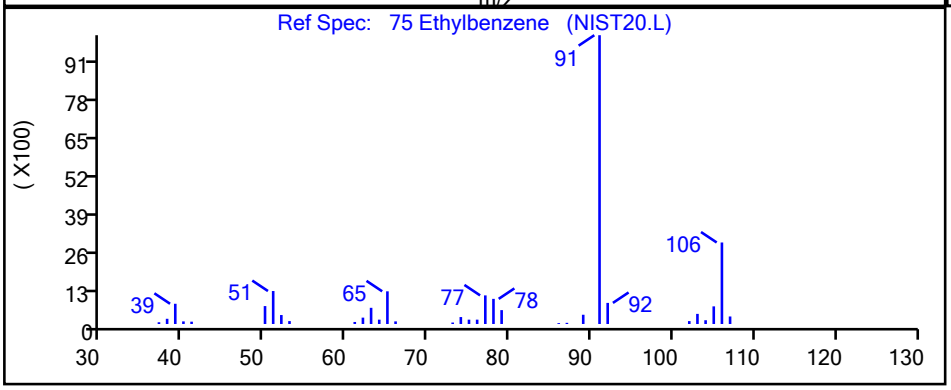
Processing Results











RT	Mass	Response	Amount
19.03	91.00	2361	0.015524
19.28	106.00	0	

Reviewer: YWL8, 11-Feb-2025 08:38:00 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000461 Lab Sample ID: 200-76917-4

Matrix: Air Lab File ID: 63946_009.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 14:08

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *+	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *+	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000461 | Lab Sample ID: 200-76917-4

Matrix: Air | Lab File ID: 63946_009.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/10/2025 14:08

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213495 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000461 Lab Sample ID: 200-76917-4

Matrix: Air Lab File ID: 63946_009.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 14:08

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_009.D
Lims ID: 200-76917-A-4
Client ID: 34000461
Sample Type: Client
Inject. Date: 10-Feb-2025 14:08:04 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063946-009
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:38:50 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 08:49:25

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.278				ND	
	2 Dichlorodifluoromethane	85		4.380				ND	
	3 Chlorodifluoromethane	51		4.428				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
	5 Chloromethane	50		4.877				ND	
	7 Butane	43		5.182				ND	7
	6 Vinyl chloride	62		5.182				ND	
	8 Butadiene	54		5.300				ND	
	9 Bromomethane	94		6.049				ND	
	10 Chloroethane	64		6.327				ND	
	13 Vinyl bromide	106		6.760				ND	
	14 Trichlorofluoromethane	101		6.921				ND	
	16 Ethanol	45		7.327				ND	
	20 1,1-Dichloroethene	96		8.007				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
	22 Acetone	43		8.098				ND	7
	23 Isopropyl alcohol	45		8.408				ND	
	24 Carbon disulfide	76		8.413				ND	7
	26 3-Chloro-1-propene	41		8.718				ND	
	27 Methylene Chloride	49		8.959				ND	7
	28 2-Methyl-2-propanol	59		9.194				ND	
	30 trans-1,2-Dichloroethene	61		9.457				ND	
	31 Methyl tert-butyl ether	73		9.462				ND	
	32 Hexane	57		9.970				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.243				ND	
	34 Vinyl acetate	43		10.248				ND	
	36 2-Butanone (MEK)	72		11.233				ND	
	37 cis-1,2-Dichloroethene	96		11.254				ND	
	38 Ethyl acetate	88		11.308				ND	
*	39 Chlorobromomethane	128	11.672	11.677	-0.005	92	203906	10.0	
	40 Tetrahydrofuran	42		11.709				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Chloroform	83		11.853				ND	
42 1,1,1-Trichloroethane	97		12.153				ND	
43 Cyclohexane	84		12.281				ND	
44 Carbon tetrachloride	117		12.426				ND	
45 Benzene	78		12.784				ND	7
46 1,2-Dichloroethane	62		12.870				ND	
47 Isooctane	57		12.993				ND	
48 n-Heptane	43		13.298				ND	7
* 49 1,4-Difluorobenzene	114	13.528	13.528	0.000	98	1000926	10.0	
51 Trichloroethene	95		13.961				ND	
53 1,2-Dichloropropane	63		14.427				ND	
54 Methyl methacrylate	69		14.512				ND	
55 1,4-Dioxane	88		14.566				ND	
57 Dibromomethane	174		14.587				ND	7
58 Dichlorobromomethane	83		14.903				ND	
59 cis-1,3-Dichloropropene	75		15.705				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
62 Toluene	92		16.342				ND	
66 trans-1,3-Dichloropropene	75		16.770				ND	
67 1,1,2-Trichloroethane	83		17.144				ND	
68 Tetrachloroethene	166		17.331				ND	
69 2-Hexanone	43		17.556				ND	
70 Chlorodibromomethane	129		17.882				ND	
71 Ethylene Dibromide	107		18.123				ND	
* 73 Chlorobenzene-d5	117	19.033	19.033	0.000	96	870179	10.0	
74 Chlorobenzene	112		19.092				ND	
75 Ethylbenzene	91		19.279				ND	
76 m-Xylene & p-Xylene	106		19.541				ND	
S 80 Xylenes, Total	106		20.100				ND	7
78 o-Xylene	106		20.311				ND	
79 Styrene	104		20.343				ND	
81 Bromoform	173		20.686				ND	
82 Isopropylbenzene	105		20.980				ND	
83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
85 N-Propylbenzene	91		21.681				ND	
86 2-Chlorotoluene	91		21.831				ND	
87 4-Ethyltoluene	105		21.873				ND	
88 1,3,5-Trimethylbenzene	105		21.964				ND	
91 tert-Butylbenzene	119		22.441				ND	
92 1,2,4-Trimethylbenzene	105		22.526				ND	
93 sec-Butylbenzene	105		22.761				ND	
94 1,3-Dichlorobenzene	146		22.938				ND	
95 4-Isopropyltoluene	119		22.970				ND	
96 1,4-Dichlorobenzene	146		23.077				ND	
97 Benzyl chloride	91		23.227				ND	
98 n-Butylbenzene	91		23.532				ND	
99 1,2-Dichlorobenzene	146		23.580				ND	
102 1,2,4-Trichlorobenzene	180		26.073				ND	
103 Hexachlorobutadiene	225		26.319				ND	
104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

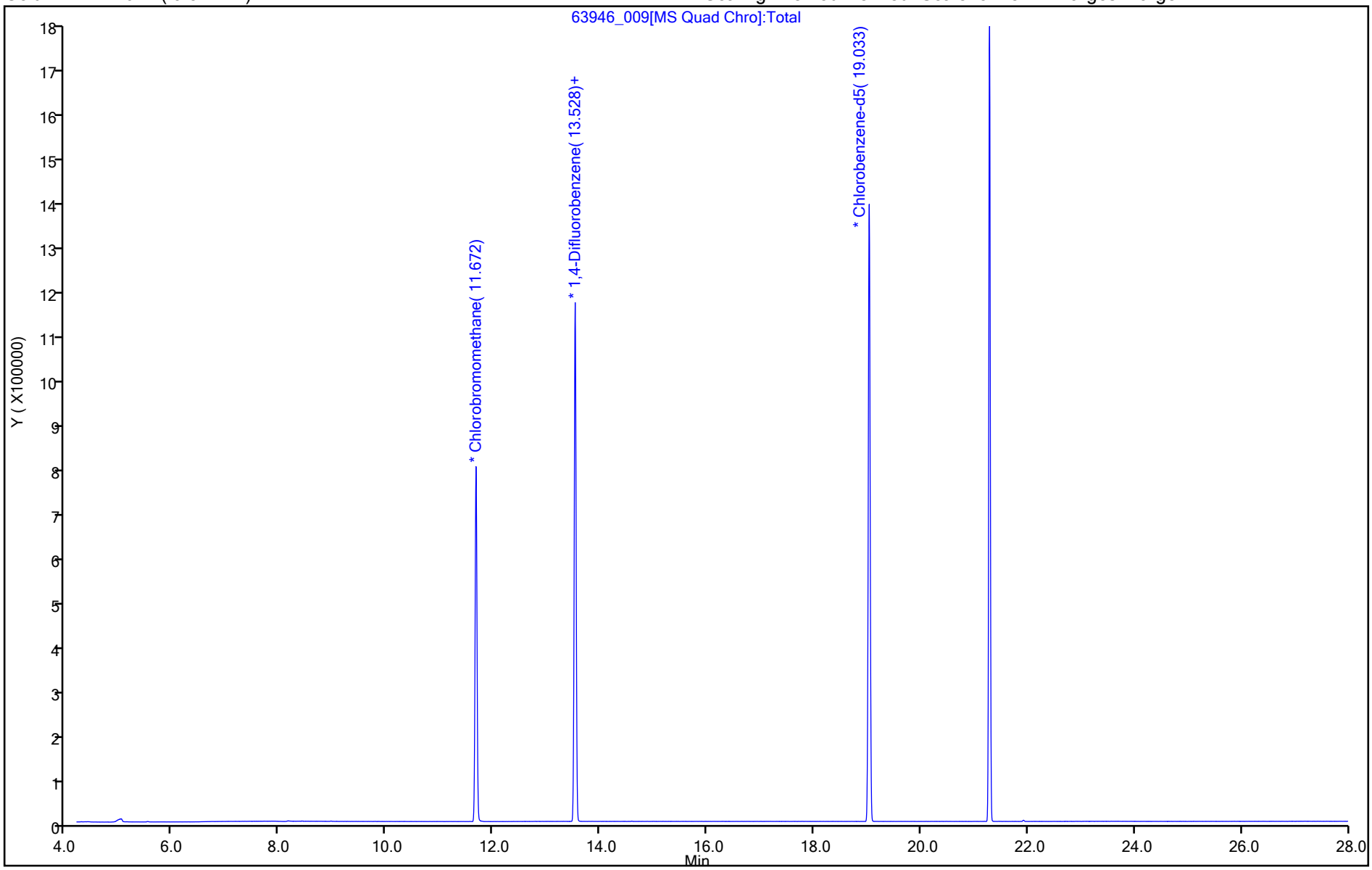
Report Date: 11-Feb-2025 08:49:25 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_009.D

Injection Date:	10-Feb-2025 14:08:04	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-4	Lab Sample ID:	200-76917-4	Worklist Smp#:	9
Client ID:	34000461				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	9
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000189 | Lab Sample ID: 200-76917-5

Matrix: Air | Lab File ID: 63946_010.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/10/2025 15:09

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213495 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *+	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *+	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000189 Lab Sample ID: 200-76917-5

Matrix: Air Lab File ID: 63946_010.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 15:09

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000189 Lab Sample ID: 200-76917-5

Matrix: Air Lab File ID: 63946_010.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 15:09

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_010.D
Lims ID: 200-76917-A-5
Client ID: 34000189
Sample Type: Client
Inject. Date: 10-Feb-2025 15:09:56 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063946-010
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:38:50 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 08:56:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.278				ND	7
2 Dichlorodifluoromethane	85		4.380				ND	
3 Chlorodifluoromethane	51		4.428				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
5 Chloromethane	50		4.877				ND	
7 Butane	43		5.182				ND	7
6 Vinyl chloride	62		5.182				ND	
8 Butadiene	54		5.300				ND	
9 Bromomethane	94		6.049				ND	
10 Chloroethane	64		6.327				ND	
13 Vinyl bromide	106		6.760				ND	
14 Trichlorofluoromethane	101		6.921				ND	
16 Ethanol	45		7.327				ND	
20 1,1-Dichloroethene	96		8.007				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
22 Acetone	43		8.098				ND	7
23 Isopropyl alcohol	45		8.408				ND	
24 Carbon disulfide	76		8.413				ND	7
26 3-Chloro-1-propene	41		8.718				ND	
27 Methylene Chloride	49		8.959				ND	7
28 2-Methyl-2-propanol	59		9.194				ND	
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57		9.970				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
33 1,1-Dichloroethane	63		10.243				ND	
34 Vinyl acetate	43		10.248				ND	
36 2-Butanone (MEK)	72		11.233				ND	
37 cis-1,2-Dichloroethene	96		11.254				ND	
38 Ethyl acetate	88		11.308				ND	
* 39 Chlorobromomethane	128	11.677	11.677	0.000	92	202018	10.0	
40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	98	995566	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.566				ND	
	57 Dibromomethane	174		14.587				ND	
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.331				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.882				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	96	871148	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.831				ND	
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.761				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

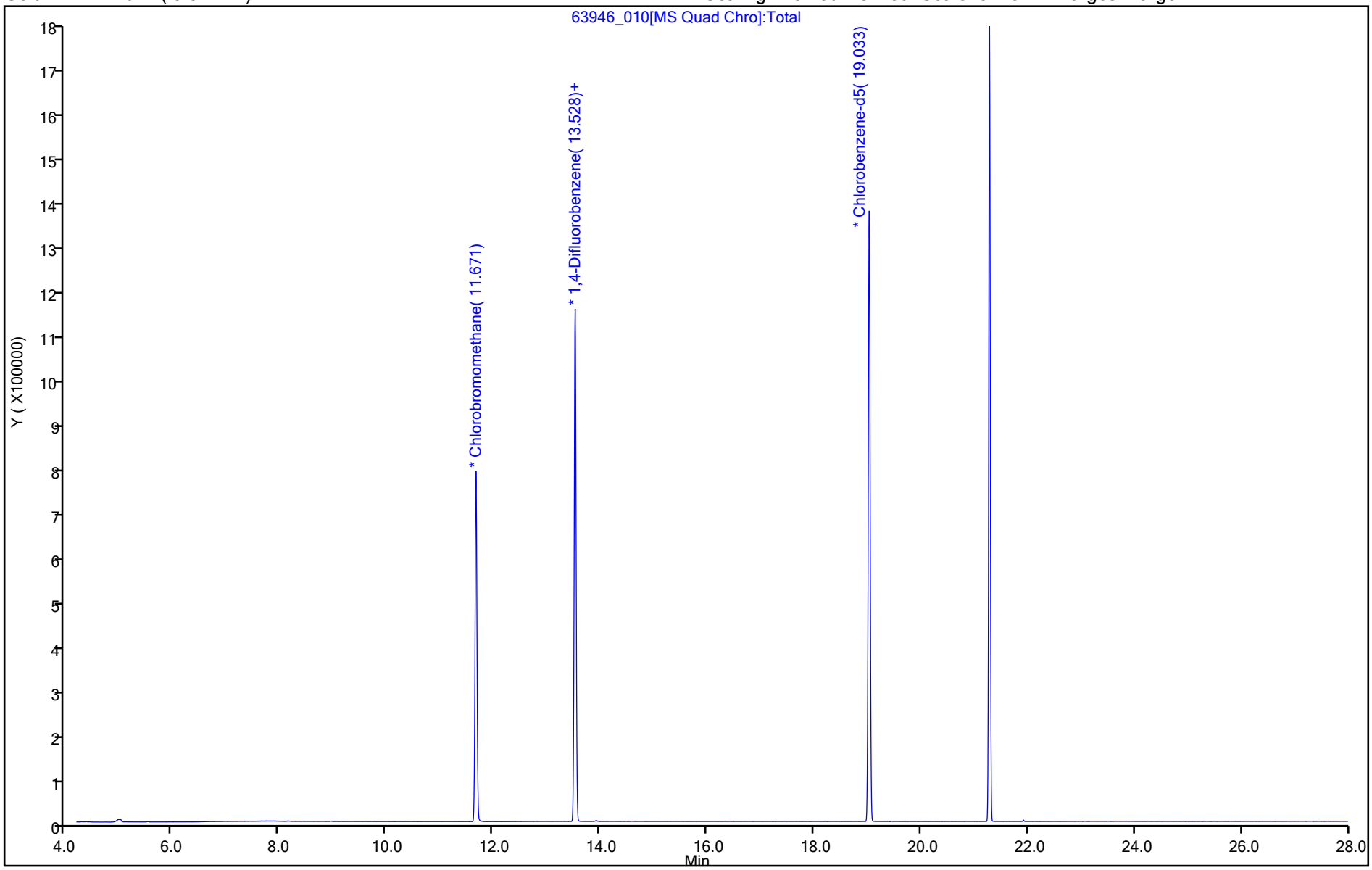
Report Date: 11-Feb-2025 08:56:27 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_010.D

Injection Date:	10-Feb-2025 15:09:56	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-5	Lab Sample ID:	200-76917-5	Worklist Smp#:	10
Client ID:	34000189				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	10
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000083 | Lab Sample ID: 200-76917-6

Matrix: Air | Lab File ID: 63946_011.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/10/2025 16:11

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213495 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *+	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *+	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000083 | Lab Sample ID: 200-76917-6

Matrix: Air | Lab File ID: 63946_011.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/10/2025 16:11

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213495 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000083 Lab Sample ID: 200-76917-6

Matrix: Air Lab File ID: 63946_011.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 16:11

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_011.D
Lims ID: 200-76917-A-6
Client ID: 34000083
Sample Type: Client
Inject. Date: 10-Feb-2025 16:11:27 ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063946-011
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:58:12 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 08:58:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.278				ND	7
2 Dichlorodifluoromethane	85		4.380				ND	MU
3 Chlorodifluoromethane	51		4.428				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
5 Chloromethane	50		4.877				ND	
7 Butane	43		5.182				ND	7
6 Vinyl chloride	62		5.182				ND	
8 Butadiene	54		5.300				ND	
9 Bromomethane	94		6.049				ND	
10 Chloroethane	64		6.327				ND	
13 Vinyl bromide	106		6.760				ND	
14 Trichlorofluoromethane	101		6.921				ND	
16 Ethanol	45		7.327				ND	
20 1,1-Dichloroethene	96		8.007				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
22 Acetone	43		8.098				ND	7
23 Isopropyl alcohol	45		8.408				ND	
24 Carbon disulfide	76		8.413				ND	7
26 3-Chloro-1-propene	41		8.718				ND	
27 Methylene Chloride	49		8.959				ND	7
28 2-Methyl-2-propanol	59		9.194				ND	
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57		9.970				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
33 1,1-Dichloroethane	63		10.243				ND	
34 Vinyl acetate	43		10.248				ND	
36 2-Butanone (MEK)	72		11.233				ND	
37 cis-1,2-Dichloroethene	96		11.254				ND	
38 Ethyl acetate	88		11.308				ND	
* 39 Chlorobromomethane	128	11.672	11.677	-0.005	92	191301	10.0	
40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	98	942956	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.566				ND	
	57 Dibromomethane	174		14.587				ND	
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.331				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.882				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	96	824212	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	MU
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.831				ND	
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.761				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

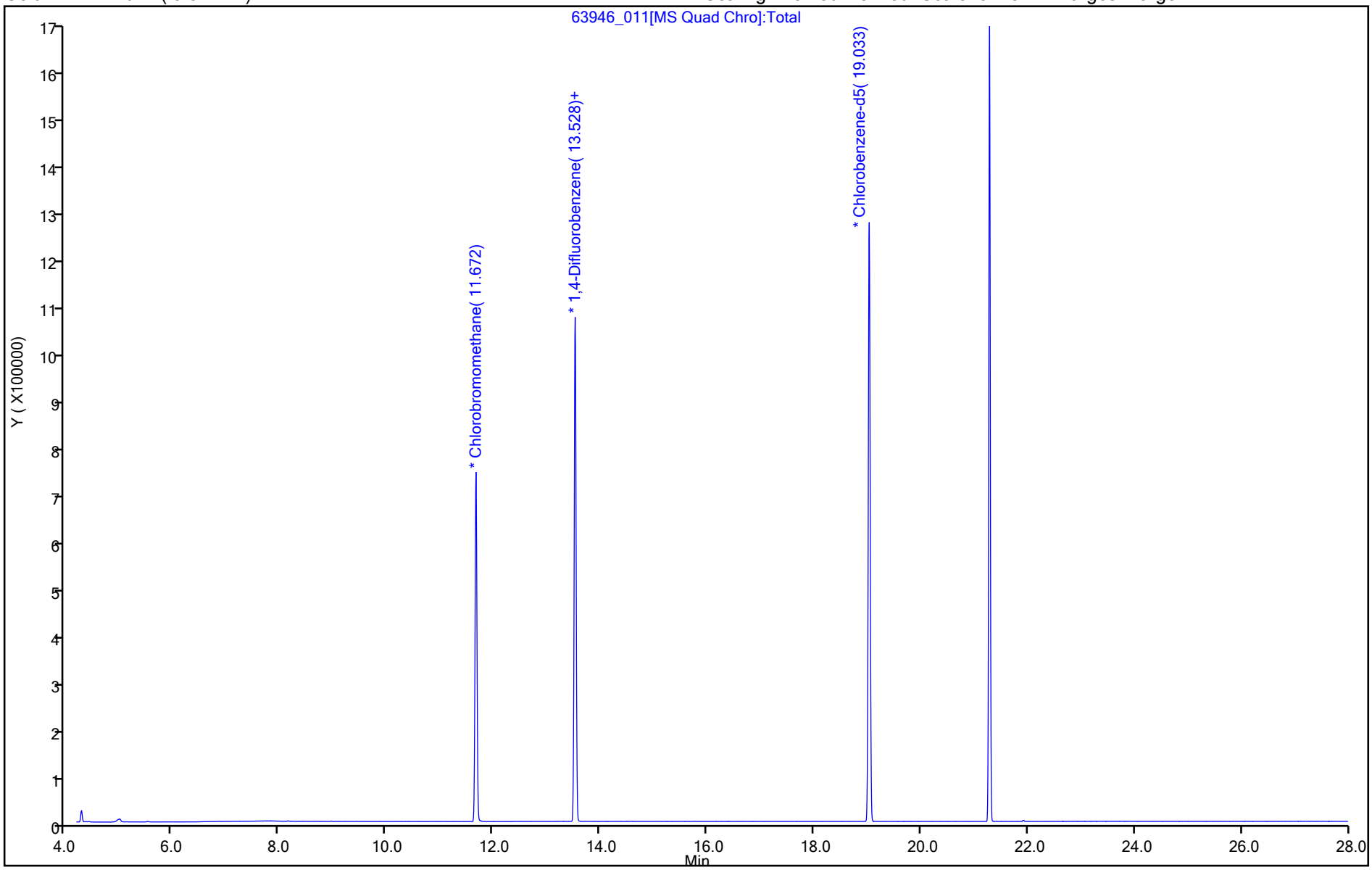
Report Date: 11-Feb-2025 08:58:12 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_011.D

Injection Date:	10-Feb-2025 16:11:27	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-6	Lab Sample ID:	200-76917-6	Worklist Smp#:	11
Client ID:	34000083				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	11
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



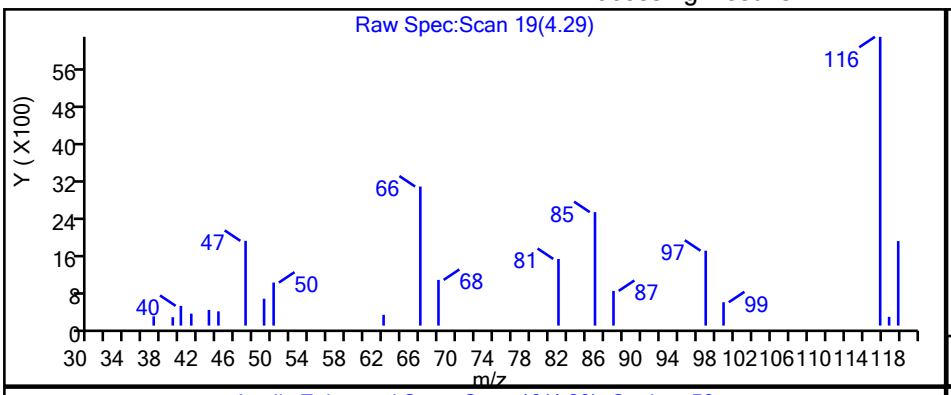
User Disabled Compound Report

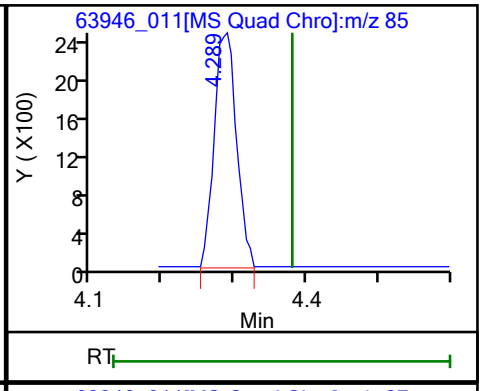
Eurofins Burlington

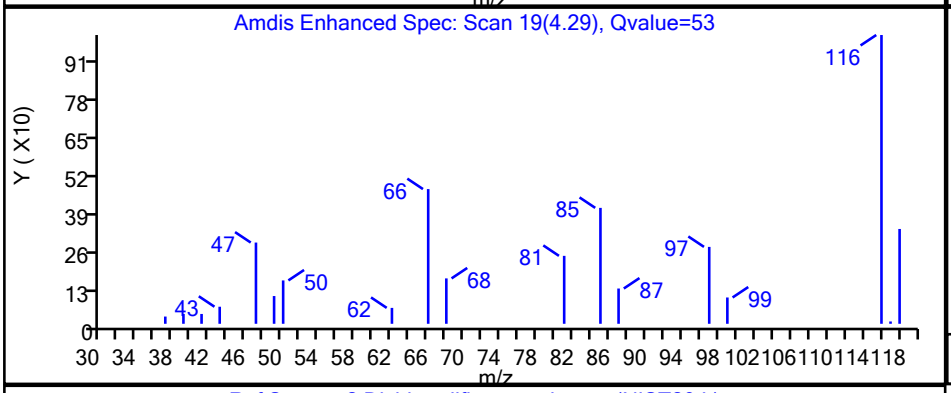
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_011.D				
Injection Date:	10-Feb-2025 16:11:27	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-6	Lab Sample ID:	200-76917-6		
Client ID:	34000083				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

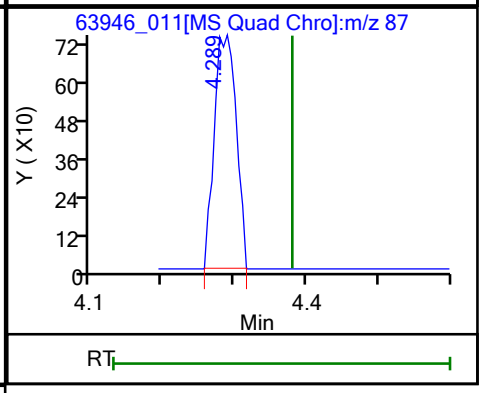
2 Dichlorodifluoromethane, CAS: 75-71-8

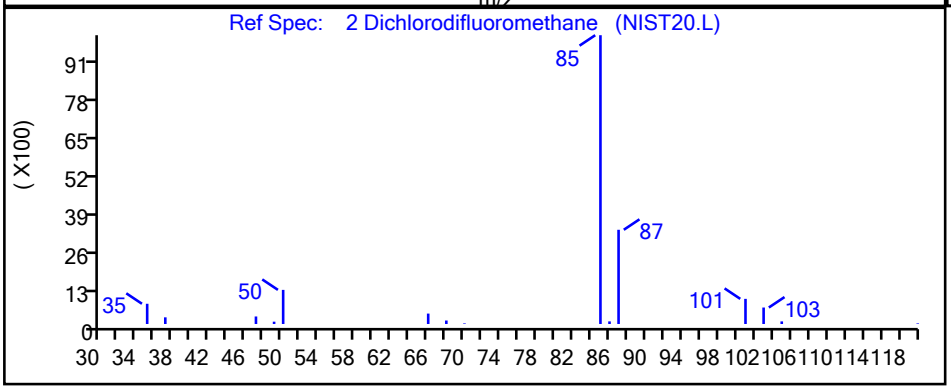
Processing Results











RT	Mass	Response	Amount
4.29	85.00	5276	0.087992
4.29	87.00	1591	

Reviewer: YWL8, 11-Feb-2025 08:57:05 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

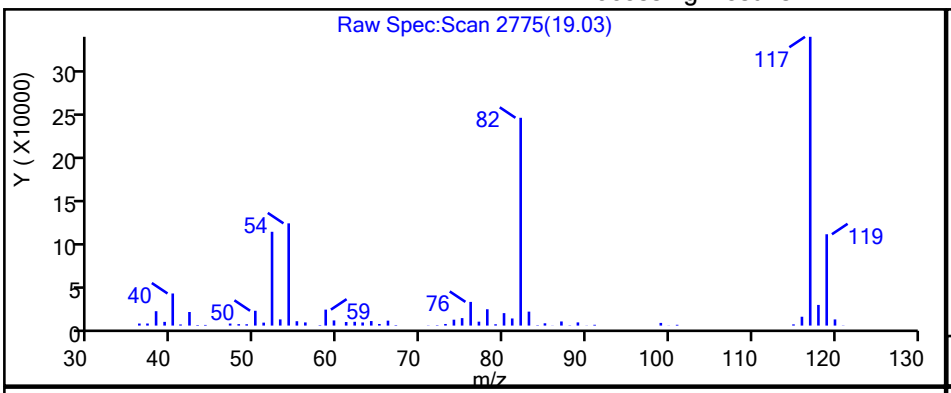
User Disabled Compound Report

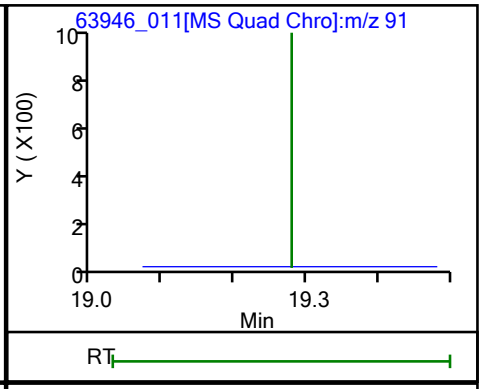
Eurofins Burlington

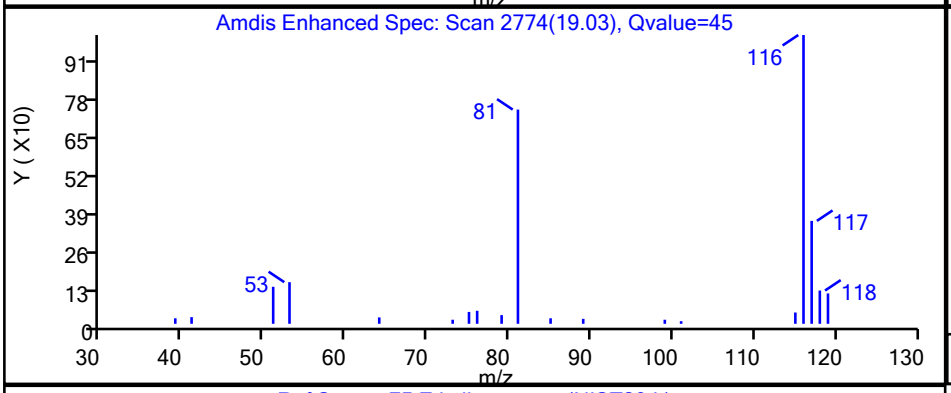
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_011.D				
Injection Date:	10-Feb-2025 16:11:27	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-6	Lab Sample ID:	200-76917-6		
Client ID:	34000083				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

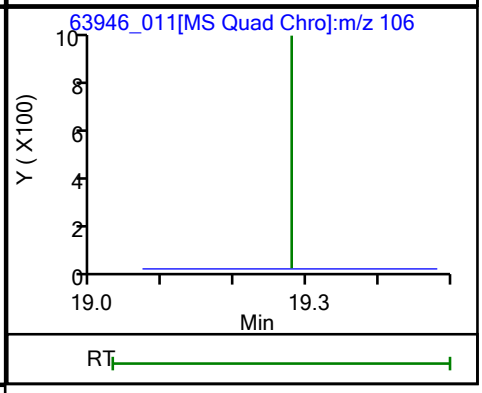
75 Ethylbenzene, CAS: 100-41-4

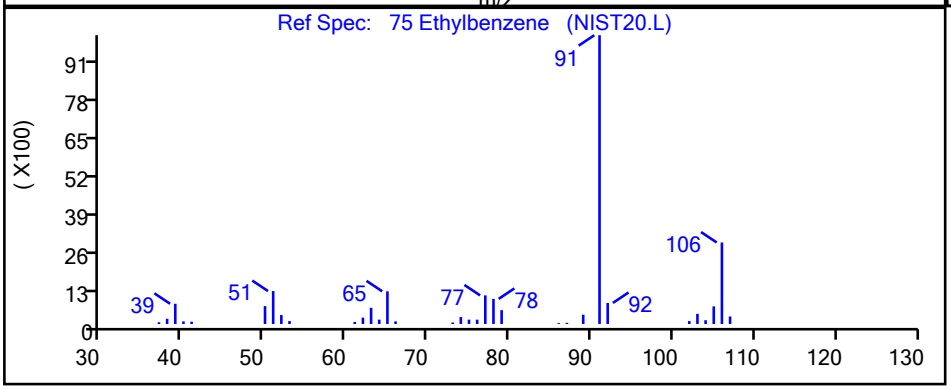
Processing Results











RT	Mass	Response	Amount
19.03	91.00	2023	0.015171
19.28	106.00	0	

Reviewer: YWL8, 11-Feb-2025 08:57:42 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 3205 Lab Sample ID: 200-76917-7

Matrix: Air Lab File ID: 63962_006.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 11:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 3205 Lab Sample ID: 200-76917-7

Matrix: Air Lab File ID: 63962_006.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 11:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 3205 Lab Sample ID: 200-76917-7

Matrix: Air Lab File ID: 63962_006.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 11:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_006.D
Lims ID: 200-76917-A-7
Client ID: 3205
Sample Type: Client
Inject. Date: 11-Feb-2025 11:46:34 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063962-006
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Feb-2025 08:56:56 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: YWL8 Date: 12-Feb-2025 08:56:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.278				ND	7
2 Dichlorodifluoromethane	85		4.374				ND	
3 Chlorodifluoromethane	51		4.428				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
5 Chloromethane	50		4.877				ND	7
7 Butane	43		5.182				ND	7
6 Vinyl chloride	62		5.182				ND	
8 Butadiene	54		5.295				ND	
9 Bromomethane	94		6.049				ND	
10 Chloroethane	64		6.327				ND	
13 Vinyl bromide	106		6.755				ND	
14 Trichlorofluoromethane	101		6.921				ND	
16 Ethanol	45		7.327				ND	
20 1,1-Dichloroethene	96		8.007				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
22 Acetone	43		8.098				ND	7
23 Isopropyl alcohol	45		8.403				ND	
24 Carbon disulfide	76	8.408	8.413	-0.005	99	4263	0.0305	
26 3-Chloro-1-propene	41		8.718				ND	7
27 Methylene Chloride	49	8.954	8.954	-0.005	94	1077	0.0183	7M
28 2-Methyl-2-propanol	59		9.189				ND	
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57		9.970				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
33 1,1-Dichloroethane	63		10.243				ND	
34 Vinyl acetate	43		10.254				ND	
36 2-Butanone (MEK)	72		11.233				ND	
37 cis-1,2-Dichloroethene	96		11.260				ND	
38 Ethyl acetate	88		11.308				ND	
* 39 Chlorobromomethane	128	11.671	11.671	0.000	96	310703	10.0	
40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.431				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1530670	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.560				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	7
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.332				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.888				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	92	1366911	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	
	76 m-Xylene & p-Xylene	106		19.536				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.499				ND	7
	85 N-Propylbenzene	91		21.681				ND	7
	86 2-Chlorotoluene	91		21.825				ND	7
	87 4-Ethyltoluene	105		21.874				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.762				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	7
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	7
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	7
	99 1,2-Dichlorobenzene	146		23.580				ND	7
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

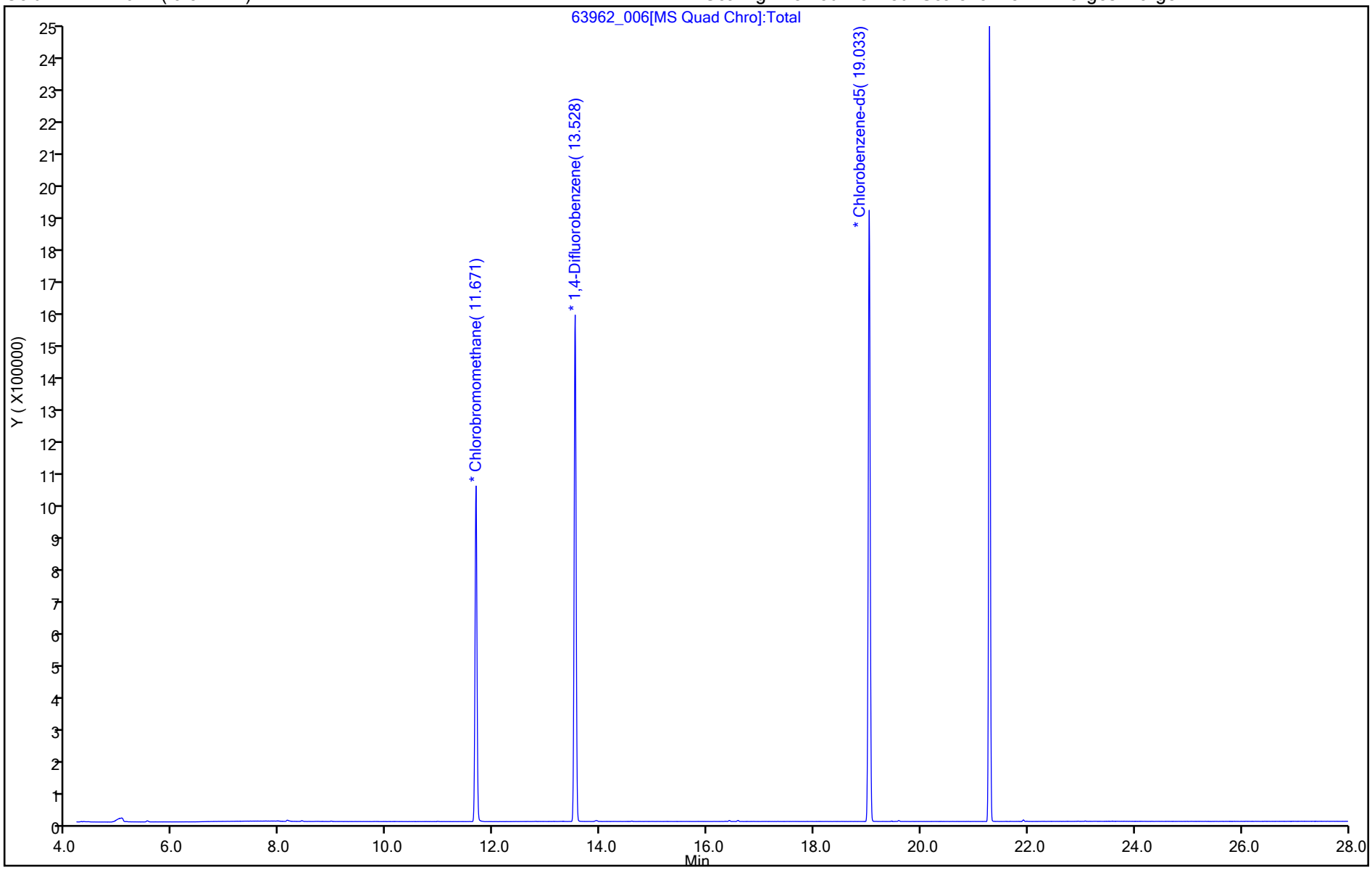
Report Date: 12-Feb-2025 08:56:56 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_006.D

Injection Date:	11-Feb-2025 11:46:34	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-7	Lab Sample ID:	200-76917-7	Worklist Smp#:	6
Client ID:	3205				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	6
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

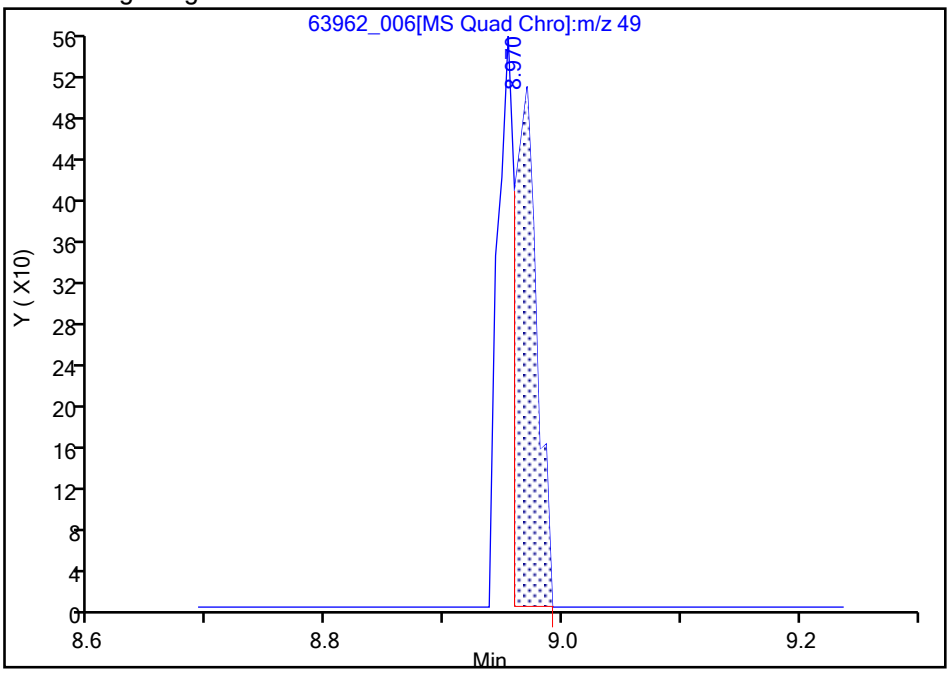
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_006.D				
Injection Date:	11-Feb-2025 11:46:34	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-7	Lab Sample ID:	200-76917-7		
Client ID:	3205				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

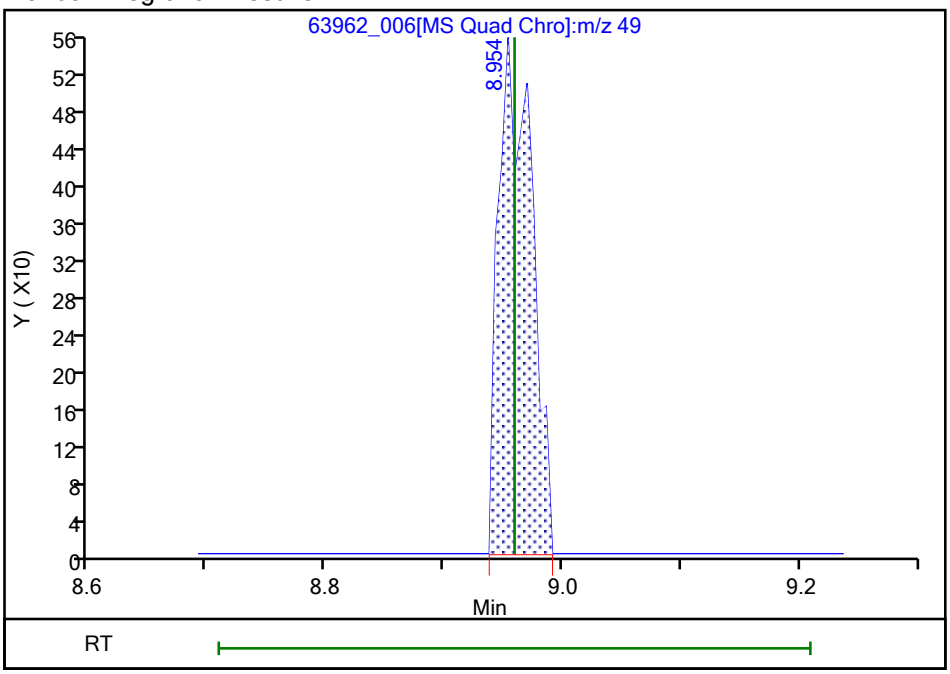
Processing Integration Results

RT: 8.97
Area: 656
Amount: 0.011139
Amount Units: ppb v/v



Manual Integration Results

RT: 8.95
Area: 1077
Amount: 0.018288
Amount Units: ppb v/v



Reviewer: YWL8, 12-Feb-2025 08:56:26 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2694 Lab Sample ID: 200-76917-8

Matrix: Air Lab File ID: 63947_010.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 14:33

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213496 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U *+	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *+	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2694 | Lab Sample ID: 200-76917-8

Matrix: Air | Lab File ID: 63947_010.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/10/2025 14:33

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213496 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2694 Lab Sample ID: 200-76917-8

Matrix: Air Lab File ID: 63947_010.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 14:33

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213496 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\63947_010.D
Lims ID: 200-76917-A-8
Client ID: 2694
Sample Type: Client
Inject. Date: 10-Feb-2025 14:33:01 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063947-010
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 09:39:33 Calib Date: 22-Jan-2025 07:32:45
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250121-63758.b\63758_020.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 09:39:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	4.358	4.348	0.010	85	8597	0.1248	
2 Dichlorodifluoromethane	85		4.449				ND	
3 Chlorodifluoromethane	51		4.492				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
5 Chloromethane	50	4.925	4.926	-0.001	98	6974	0.0978	
6 Vinyl chloride	62		5.220				ND	
7 Butane	43	5.236	5.225	0.011	98	15241	0.1395	
8 Butadiene	54		5.337				ND	7
9 Bromomethane	94		6.060				ND	
10 Chloroethane	64		6.327				ND	7
13 Vinyl bromide	106		6.750				ND	
14 Trichlorofluoromethane	101		6.916				ND	
16 Ethanol	45		7.258				ND	7
20 1,1-Dichloroethene	96		7.964				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.012				ND	
22 Acetone	43	8.044	8.023	0.021	99	124416	1.24	
23 Isopropyl alcohol	45		8.307				ND	7
24 Carbon disulfide	76		8.371				ND	7
26 3-Chloro-1-propene	41		8.654				ND	7
27 Methylene Chloride	49		8.879				ND	7
28 2-Methyl-2-propanol	59		9.072				ND	7
30 trans-1,2-Dichloroethene	61		9.382				ND	7
31 Methyl tert-butyl ether	73		9.387				ND	
32 Hexane	57	9.906	9.901	0.005	94	5798	0.0567	
33 1,1-Dichloroethane	63		10.142				ND	
34 Vinyl acetate	43		10.147				ND	7
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
36 2-Butanone (MEK)	72	11.126	11.089	0.032	98	5141	0.1630	
37 cis-1,2-Dichloroethene	96		11.131				ND	7
38 Ethyl acetate	88		11.179				ND	
* 39 Chlorobromomethane	128	11.532	11.538	-0.006	91	520622	10.0	
40 Tetrahydrofuran	42		11.581				ND	7

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.714				ND	
	42 1,1,1-Trichloroethane	97		12.030				ND	
	43 Cyclohexane	84		12.180				ND	
	44 Carbon tetrachloride	117		12.314				ND	
	45 Benzene	78	12.645	12.645	-0.006	95	3029	0.0153	M
	46 1,2-Dichloroethane	62		12.715				ND	
	47 Isooctane	57		12.881				ND	
	48 n-Heptane	43	13.185	13.186	-0.001	93	7649	0.0571	
*	49 1,4-Difluorobenzene	114	13.378	13.378	0.000	98	2673352	10.0	
	51 Trichloroethene	95		13.817				ND	
	53 1,2-Dichloropropane	63		14.261				ND	
	54 Methyl methacrylate	69		14.352				ND	
	55 1,4-Dioxane	88		14.384				ND	
	57 Dibromomethane	174		14.416				ND	7
	58 Dichlorobromomethane	83		14.726				ND	
	59 cis-1,3-Dichloropropene	75		15.529				ND	7
	61 4-Methyl-2-pentanone (MIBK)	43		15.786				ND	7
	62 Toluene	92		16.176				ND	7
	66 trans-1,3-Dichloropropene	75		16.577				ND	7
	67 1,1,2-Trichloroethane	83		16.952				ND	
	68 Tetrachloroethene	166		17.171				ND	
	69 2-Hexanone	43		17.358				ND	7
	70 Chlorodibromomethane	129		17.690				ND	
	71 Ethylene Dibromide	107		17.931				ND	7
*	73 Chlorobenzene-d5	117	18.845	18.846	-0.001	94	2261583	10.0	
	74 Chlorobenzene	112		18.905				ND	7
	75 Ethylbenzene	91		19.102				ND	7
	76 m-Xylene & p-Xylene	106		19.365				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.135				ND	
	79 Styrene	104		20.167				ND	
	81 Bromoform	173		20.499				ND	
	82 Isopropylbenzene	105		20.825				ND	7
	83 1,1,2,2-Tetrachloroethane	83		21.323				ND	7
	85 N-Propylbenzene	91		21.537				ND	7
	86 2-Chlorotoluene	91		21.681				ND	7
	87 4-Ethyltoluene	105		21.729				ND	7
	88 1,3,5-Trimethylbenzene	105		21.825				ND	7
	91 tert-Butylbenzene	119		22.307				ND	7
	92 1,2,4-Trimethylbenzene	105		22.393				ND	7
	93 sec-Butylbenzene	105		22.628				ND	7
	94 1,3-Dichlorobenzene	146	22.804	22.804	0.005	1	1123	0.007537	7Ma
	95 4-Isopropyltoluene	119		22.842				ND	7
	96 1,4-Dichlorobenzene	146		22.938				ND	7
	97 Benzyl chloride	91		23.077				ND	7
	98 n-Butylbenzene	91		23.398				ND	7
	99 1,2-Dichlorobenzene	146		23.425				ND	7
	102 1,2,4-Trichlorobenzene	180		25.870				ND	7
	103 Hexachlorobutadiene	225		26.127				ND	7
	104 Naphthalene	128		26.346				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

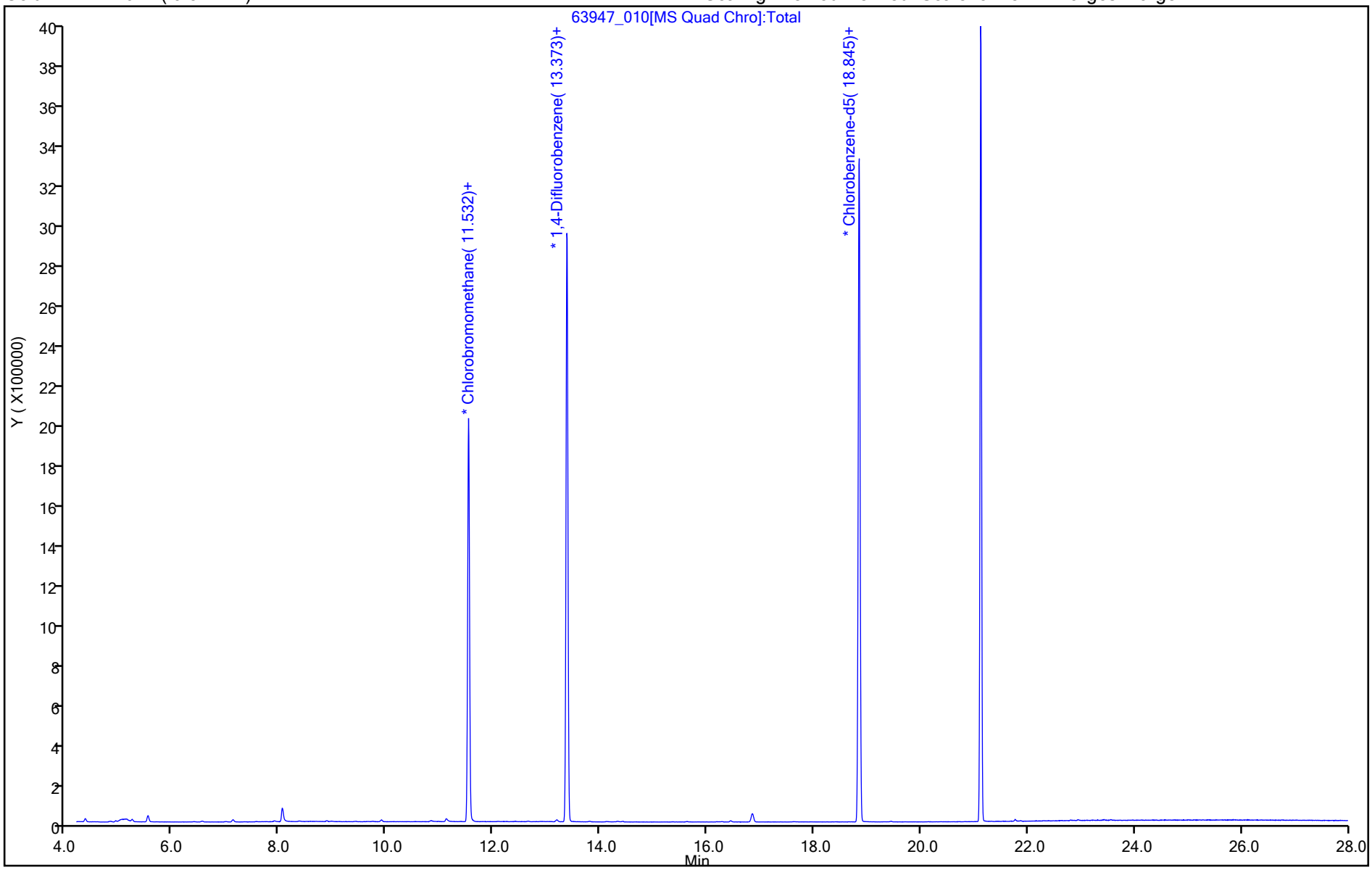
Report Date: 11-Feb-2025 09:39:33 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\63947_010.D

Injection Date:	10-Feb-2025 14:33:01	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76917-A-8	Lab Sample ID:	200-76917-8	Worklist Smp#:	10
Client ID:	2694				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	10
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



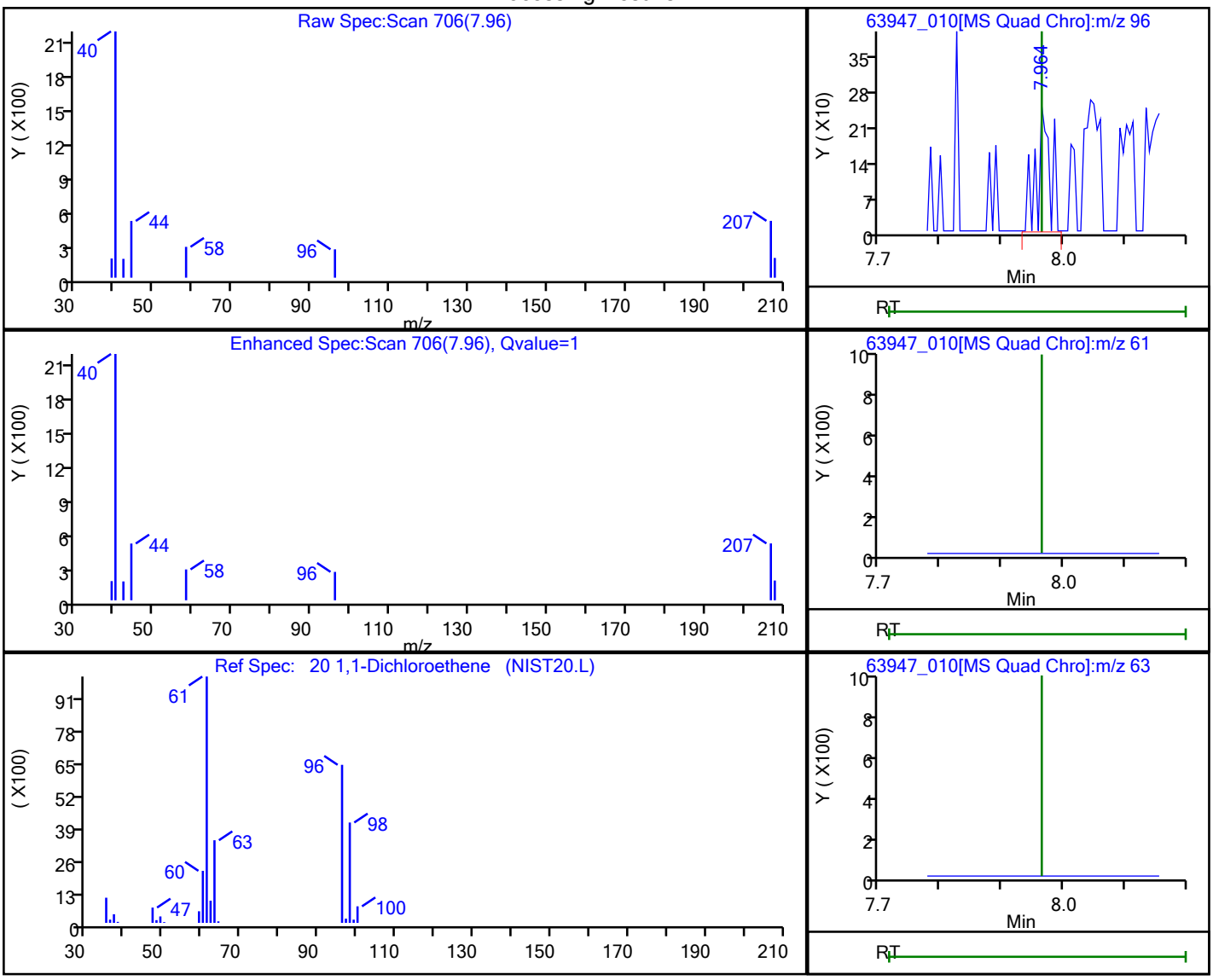
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\63947_010.D				
Injection Date:	10-Feb-2025 14:33:01	Instrument ID:	CHAN.i		
Lims ID:	200-76917-A-8	Lab Sample ID:	200-76917-8		
Client ID:	2694				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.96	96.00	378	0.006692
7.96	61.00	0	
7.96	63.00	0	

Reviewer: YWL8, 11-Feb-2025 09:38:23 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

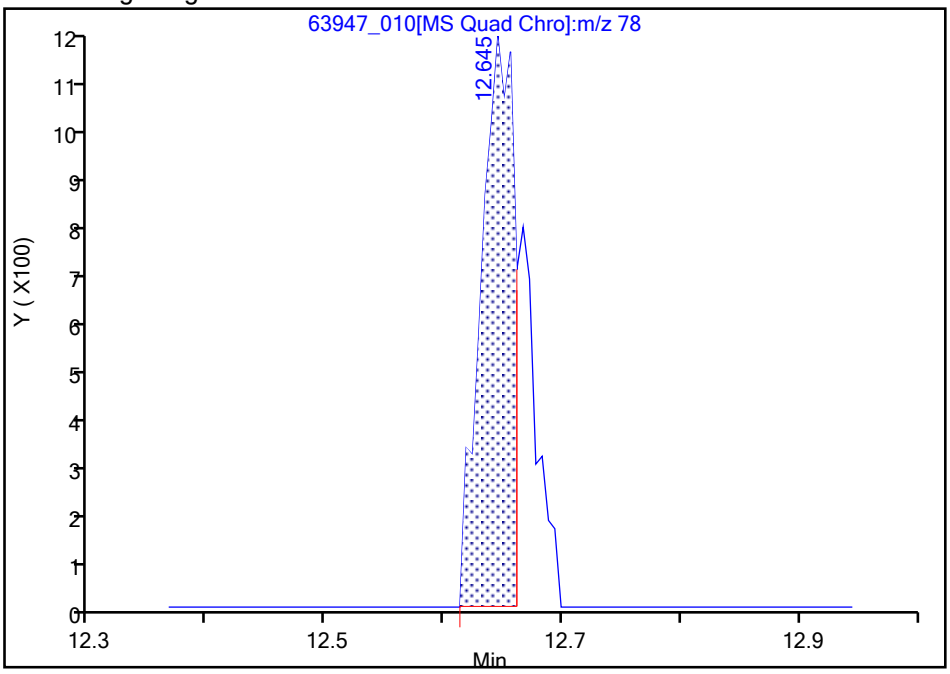
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\63947_010.D				
Injection Date:	10-Feb-2025 14:33:01	Instrument ID:	CHAN.i		
Lims ID:	200-76917-A-8	Lab Sample ID:	200-76917-8		
Client ID:	2694				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Benzene, CAS: 71-43-2

Signal: 1

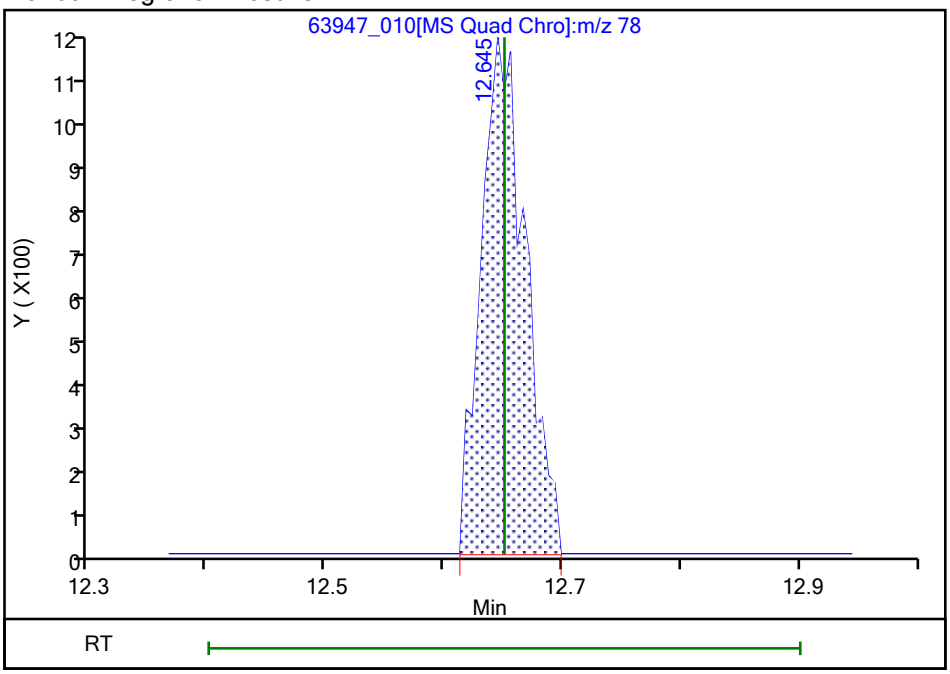
Processing Integration Results

RT: 12.65
Area: 2265
Amount: 0.011464
Amount Units: ppb v/v



Manual Integration Results

RT: 12.65
Area: 3029
Amount: 0.015331
Amount Units: ppb v/v



Reviewer: YWL8, 11-Feb-2025 09:38:44 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

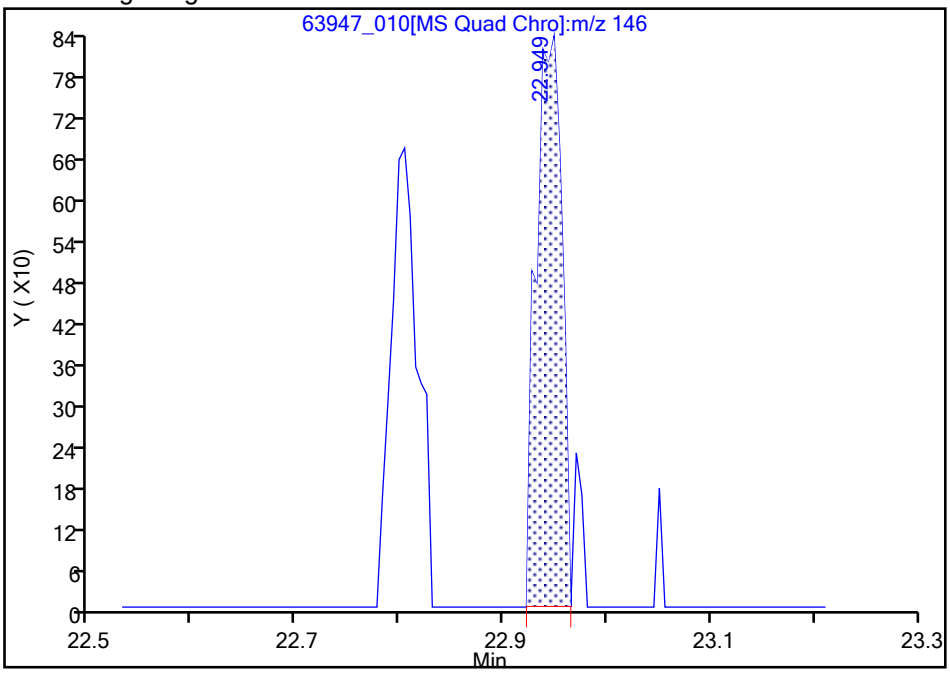
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\63947_010.D				
Injection Date:	10-Feb-2025 14:33:01	Instrument ID:	CHAN.i		
Lims ID:	200-76917-A-8	Lab Sample ID:	200-76917-8		
Client ID:	2694				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

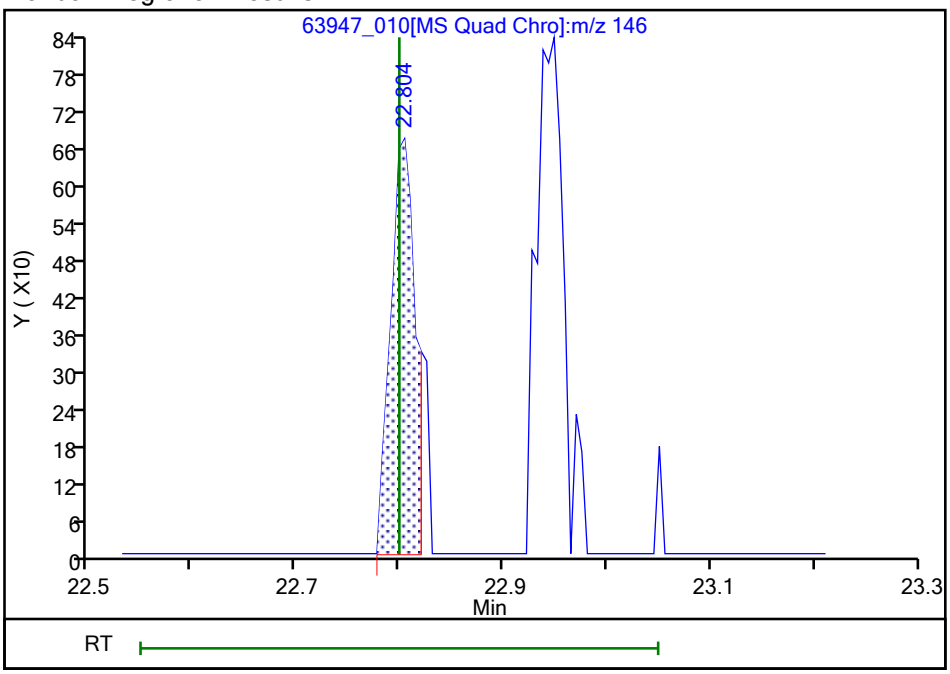
Processing Integration Results

RT: 22.95
Area: 1442
Amount: 0.009677
Amount Units: ppb v/v



Manual Integration Results

RT: 22.80
Area: 1123
Amount: 0.007537
Amount Units: ppb v/v



Reviewer: YWL8, 11-Feb-2025 09:39:19 07:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 5406 Lab Sample ID: 200-76917-9

Matrix: Air Lab File ID: 63947_011.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 15:33

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213496 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U *+	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *+	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 5406 Lab Sample ID: 200-76917-9

Matrix: Air Lab File ID: 63947_011.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 15:33

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213496 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 5406 Lab Sample ID: 200-76917-9

Matrix: Air Lab File ID: 63947_011.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 15:33

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213496 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\63947_011.D
Lims ID: 200-76917-A-9
Client ID: 5406
Sample Type: Client
Inject. Date: 10-Feb-2025 15:33:23 ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063947-011
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 09:39:33 Calib Date: 22-Jan-2025 07:32:45
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250121-63758.b\63758_020.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 09:41:32

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.348				ND	7
	2 Dichlorodifluoromethane	85		4.449				ND	
	3 Chlorodifluoromethane	51		4.492				ND	7
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
	5 Chloromethane	50		4.926				ND	7
	6 Vinyl chloride	62		5.220				ND	
	7 Butane	43		5.225				ND	7
	8 Butadiene	54		5.337				ND	7
	9 Bromomethane	94		6.060				ND	
	10 Chloroethane	64		6.327				ND	
	13 Vinyl bromide	106		6.750				ND	
	14 Trichlorofluoromethane	101		6.916				ND	
	16 Ethanol	45		7.258				ND	
	20 1,1-Dichloroethene	96		7.964				ND	7
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.012				ND	
	22 Acetone	43		8.023				ND	7
	23 Isopropyl alcohol	45		8.307				ND	7
	24 Carbon disulfide	76		8.371				ND	7
	26 3-Chloro-1-propene	41		8.654				ND	7
	27 Methylene Chloride	49		8.879				ND	7
	28 2-Methyl-2-propanol	59		9.072				ND	
	30 trans-1,2-Dichloroethene	61		9.382				ND	
	31 Methyl tert-butyl ether	73		9.387				ND	
	32 Hexane	57		9.901				ND	
	33 1,1-Dichloroethane	63		10.142				ND	
	34 Vinyl acetate	43		10.147				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.094				ND	7
	37 cis-1,2-Dichloroethene	96		11.131				ND	7
	38 Ethyl acetate	88	11.206	11.174	0.027	98	874	0.2156	
*	39 Chlorobromomethane	128	11.532	11.538	-0.006	90	416329	10.0	
	40 Tetrahydrofuran	42		11.581				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.714				ND	
	42 1,1,1-Trichloroethane	97		12.030				ND	
	43 Cyclohexane	84		12.180				ND	
	44 Carbon tetrachloride	117		12.314				ND	
	45 Benzene	78		12.651				ND	7
	46 1,2-Dichloroethane	62		12.715				ND	
	47 Isooctane	57		12.881				ND	
	48 n-Heptane	43		13.186				ND	7
*	49 1,4-Difluorobenzene	114	13.378	13.378	0.000	99	2171439	10.0	
	51 Trichloroethene	95		13.817				ND	
	53 1,2-Dichloropropane	63		14.261				ND	
	54 Methyl methacrylate	69		14.352				ND	
	55 1,4-Dioxane	88		14.384				ND	
	57 Dibromomethane	174	14.421	14.416	0.005	81	724	0.0148	
	58 Dichlorobromomethane	83		14.726				ND	
	59 cis-1,3-Dichloropropene	75		15.529				ND	7
	61 4-Methyl-2-pentanone (MIBK)	43		15.786				ND	
	62 Toluene	92		16.176				ND	7
	66 trans-1,3-Dichloropropene	75		16.577				ND	7
	67 1,1,2-Trichloroethane	83		16.952				ND	
	68 Tetrachloroethene	166		17.171				ND	
	69 2-Hexanone	43		17.358				ND	
	70 Chlorodibromomethane	129		17.690				ND	
	71 Ethylene Dibromide	107		17.931				ND	7
*	73 Chlorobenzene-d5	117	18.846	18.846	0.000	94	1814055	10.0	
	74 Chlorobenzene	112		18.905				ND	7
	75 Ethylbenzene	91		19.102				ND	7
	76 m-Xylene & p-Xylene	106		19.365				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.135				ND	
	79 Styrene	104		20.167				ND	7
	81 Bromoform	173		20.499				ND	
	82 Isopropylbenzene	105		20.825				ND	7
	83 1,1,2,2-Tetrachloroethane	83		21.323				ND	7
	85 N-Propylbenzene	91		21.537				ND	7
	86 2-Chlorotoluene	91		21.681				ND	7
	87 4-Ethyltoluene	105		21.729				ND	7
	88 1,3,5-Trimethylbenzene	105		21.825				ND	7
	91 tert-Butylbenzene	119		22.307				ND	
	92 1,2,4-Trimethylbenzene	105		22.393				ND	7
	93 sec-Butylbenzene	105		22.628				ND	7
	94 1,3-Dichlorobenzene	146		22.799				ND	7
	95 4-Isopropyltoluene	119		22.842				ND	7
	96 1,4-Dichlorobenzene	146	22.944	22.938	0.006	92	1173	0.009817	
	97 Benzyl chloride	91		23.077				ND	7
	98 n-Butylbenzene	91		23.398				ND	7
	99 1,2-Dichlorobenzene	146		23.425				ND	7
	102 1,2,4-Trichlorobenzene	180		25.870				ND	7
	103 Hexachlorobutadiene	225		26.127				ND	7
	104 Naphthalene	128		26.346				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15ClSs_00012 Amount Added: 20.00 Units: mL Run Reagent

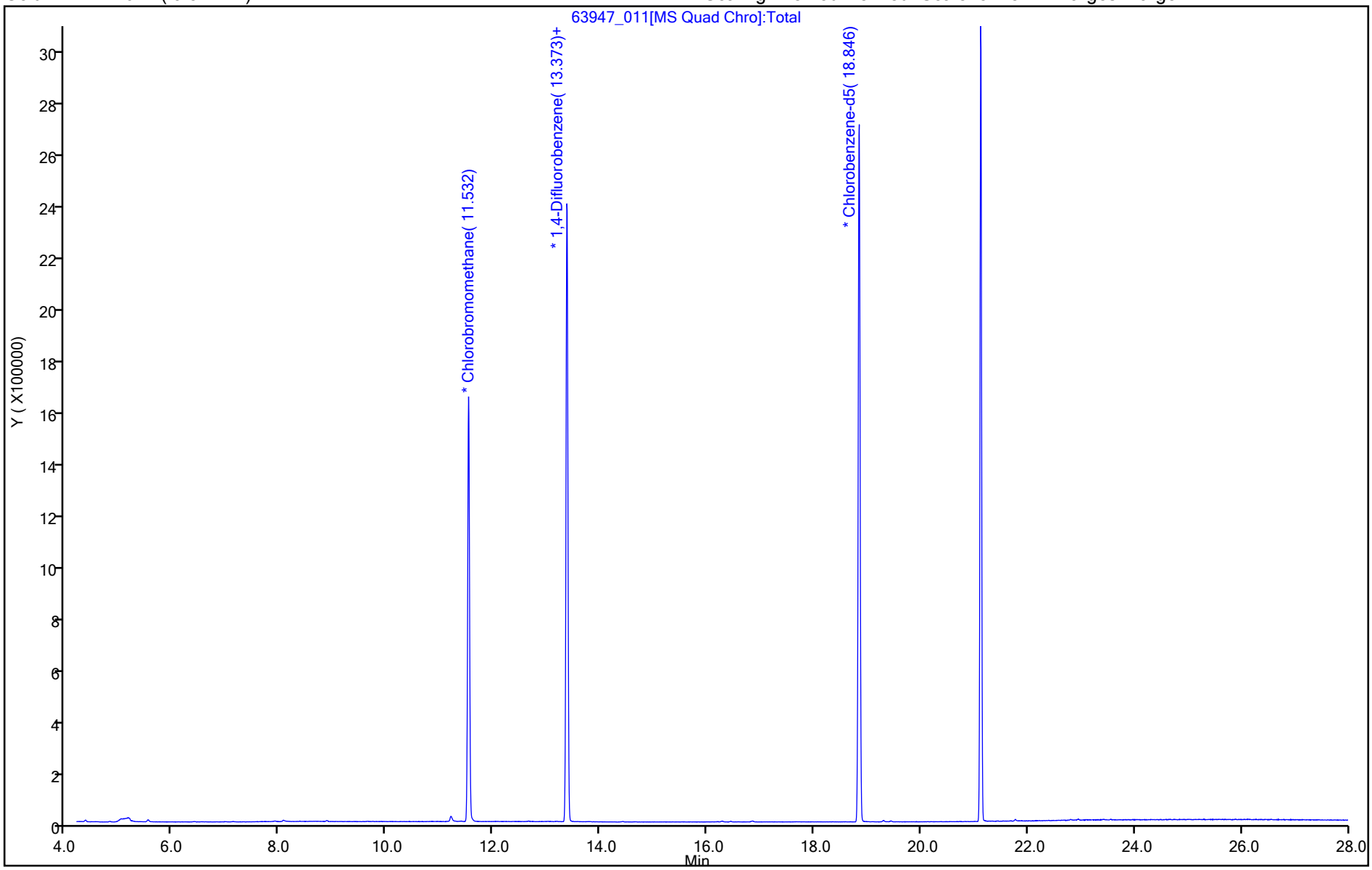
Report Date: 11-Feb-2025 09:41:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\63947_011.D

Injection Date:	10-Feb-2025 15:33:23	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76917-A-9	Lab Sample ID:	200-76917-9	Worklist Smp#:	11
Client ID:	5406				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	11
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 27027 | Lab Sample ID: 200-76917-10

Matrix: Air | Lab File ID: 63962_007.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/11/2025 12:48

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213533 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 27027 Lab Sample ID: 200-76917-10

Matrix: Air Lab File ID: 63962_007.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 12:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 27027 Lab Sample ID: 200-76917-10

Matrix: Air Lab File ID: 63962_007.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 12:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_007.D
Lims ID: 200-76917-A-10
Client ID: 27027
Sample Type: Client
Inject. Date: 11-Feb-2025 12:48:18 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063962-007
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Feb-2025 08:58:37 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: YWL8 Date: 12-Feb-2025 08:58:37

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.278				ND	7
	2 Dichlorodifluoromethane	85		4.374				ND	
	3 Chlorodifluoromethane	51		4.428				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
	5 Chloromethane	50		4.877				ND	7
	7 Butane	43		5.182				ND	7
	6 Vinyl chloride	62		5.182				ND	
	8 Butadiene	54		5.295				ND	
	9 Bromomethane	94		6.049				ND	
	10 Chloroethane	64		6.327				ND	
	13 Vinyl bromide	106		6.755				ND	
	14 Trichlorofluoromethane	101		6.921				ND	
	16 Ethanol	45		7.327				ND	
	20 1,1-Dichloroethene	96		8.007				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
	22 Acetone	43		8.098				ND	7
	23 Isopropyl alcohol	45		8.403				ND	
	24 Carbon disulfide	76		8.413				ND	7
	26 3-Chloro-1-propene	41		8.718				ND	7
	27 Methylene Chloride	49		8.959				ND	7
	28 2-Methyl-2-propanol	59		9.189				ND	
	30 trans-1,2-Dichloroethene	61		9.457				ND	
	31 Methyl tert-butyl ether	73		9.462				ND	
	32 Hexane	57		9.970				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.243				ND	
	34 Vinyl acetate	43		10.254				ND	
	36 2-Butanone (MEK)	72		11.233				ND	
	37 cis-1,2-Dichloroethene	96		11.260				ND	
	38 Ethyl acetate	88		11.308				ND	
*	39 Chlorobromomethane	128	11.672	11.671	0.001	95	310290	10.0	
	40 Tetrahydrofuran	42		11.709				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Chloroform	83		11.853				ND	
42 1,1,1-Trichloroethane	97		12.153				ND	
43 Cyclohexane	84		12.281				ND	
44 Carbon tetrachloride	117		12.431				ND	
45 Benzene	78		12.784				ND	7
46 1,2-Dichloroethane	62		12.870				ND	
47 Isooctane	57		12.993				ND	
48 n-Heptane	43		13.298				ND	7
* 49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1532450	10.0	
51 Trichloroethene	95		13.961				ND	
53 1,2-Dichloropropane	63		14.427				ND	
54 Methyl methacrylate	69		14.512				ND	
55 1,4-Dioxane	88		14.560				ND	
57 Dibromomethane	174		14.587				ND	7
58 Dichlorobromomethane	83		14.903				ND	
59 cis-1,3-Dichloropropene	75		15.705				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
62 Toluene	92		16.342				ND	
66 trans-1,3-Dichloropropene	75		16.770				ND	
67 1,1,2-Trichloroethane	83		17.144				ND	
68 Tetrachloroethene	166		17.332				ND	
69 2-Hexanone	43		17.556				ND	
70 Chlorodibromomethane	129		17.888				ND	
71 Ethylene Dibromide	107		18.123				ND	
* 73 Chlorobenzene-d5	117	19.033	19.033	0.000	92	1367937	10.0	
74 Chlorobenzene	112		19.092				ND	
75 Ethylbenzene	91		19.279				ND	MU
76 m-Xylene & p-Xylene	106		19.536				ND	
S 80 Xylenes, Total	106		20.100				ND	7
78 o-Xylene	106		20.311				ND	
79 Styrene	104		20.343				ND	
81 Bromoform	173		20.686				ND	
82 Isopropylbenzene	105		20.980				ND	
83 1,1,2,2-Tetrachloroethane	83		21.499				ND	7
85 N-Propylbenzene	91		21.681				ND	
86 2-Chlorotoluene	91		21.825				ND	
87 4-Ethyltoluene	105		21.874				ND	
88 1,3,5-Trimethylbenzene	105		21.964				ND	
91 tert-Butylbenzene	119		22.441				ND	
92 1,2,4-Trimethylbenzene	105		22.526				ND	
93 sec-Butylbenzene	105		22.762				ND	
94 1,3-Dichlorobenzene	146		22.938				ND	7
95 4-Isopropyltoluene	119		22.970				ND	
96 1,4-Dichlorobenzene	146		23.077				ND	7
97 Benzyl chloride	91		23.227				ND	
98 n-Butylbenzene	91		23.532				ND	
99 1,2-Dichlorobenzene	146		23.580				ND	
102 1,2,4-Trichlorobenzene	180		26.073				ND	
103 Hexachlorobutadiene	225		26.319				ND	
104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

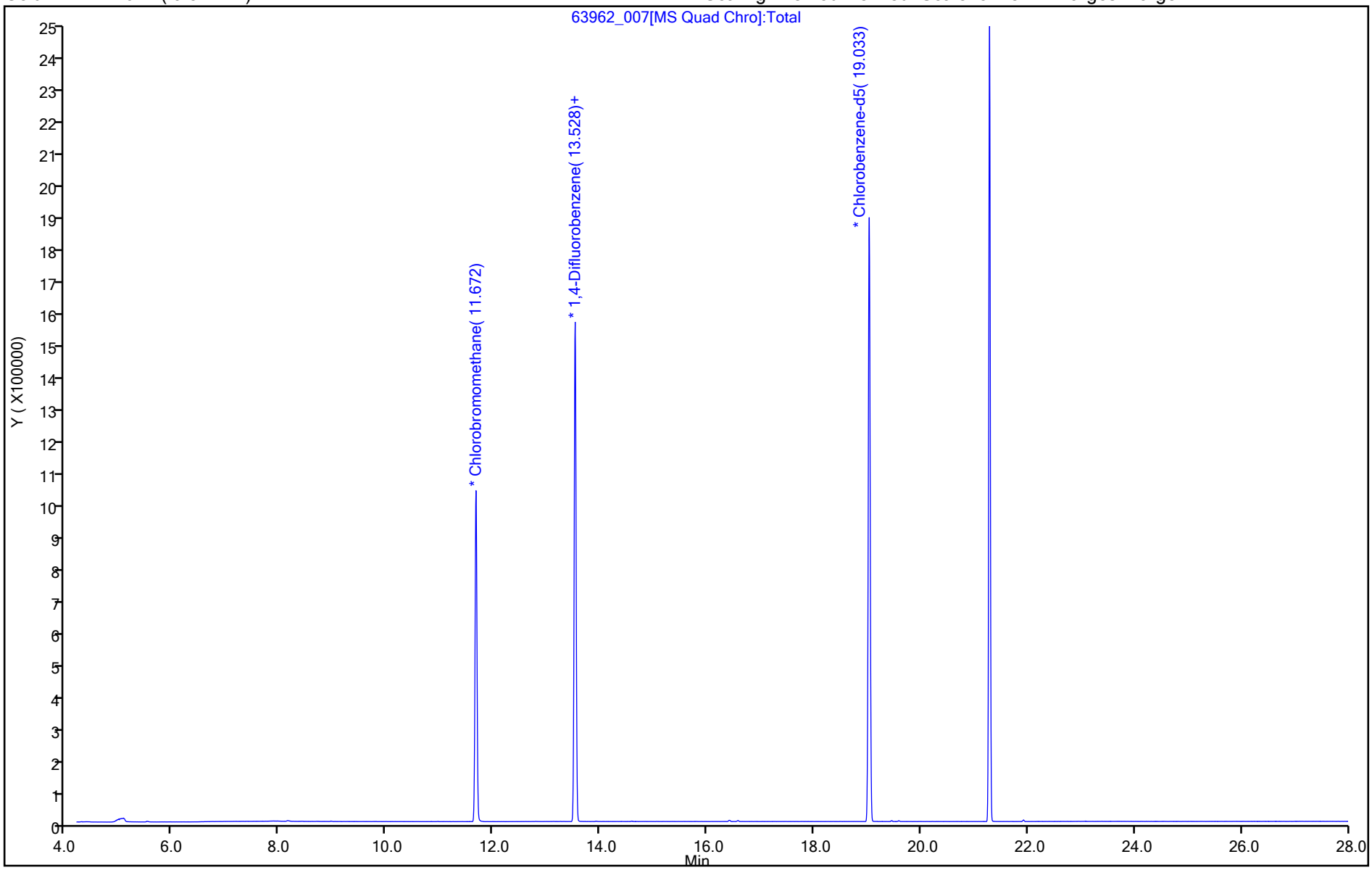
Report Date: 12-Feb-2025 08:58:37 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_007.D

Injection Date:	11-Feb-2025 12:48:18	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-10	Lab Sample ID:	200-76917-10	Worklist Smp#:	7
Client ID:	27027				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	7
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



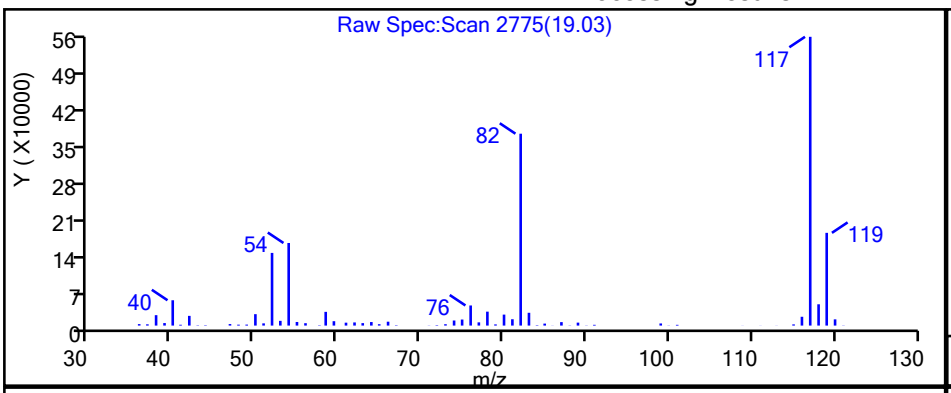
User Disabled Compound Report

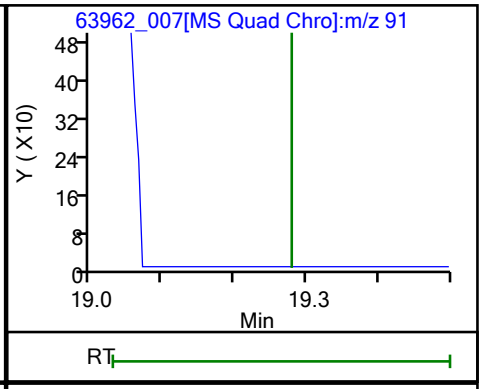
Eurofins Burlington

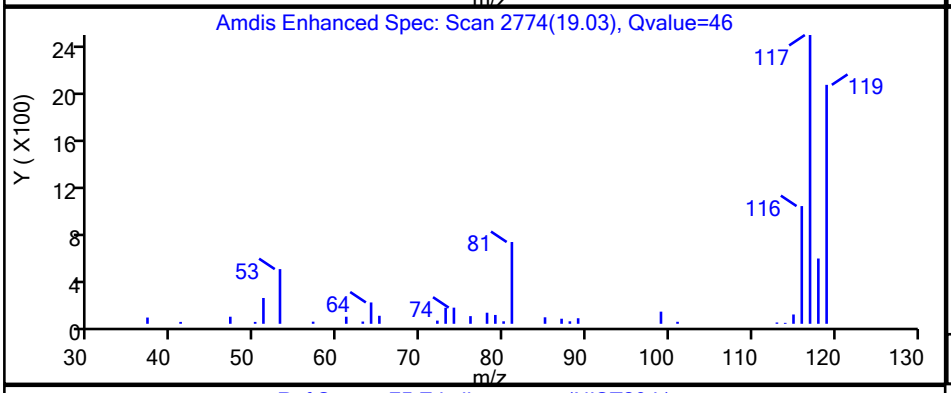
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_007.D				
Injection Date:	11-Feb-2025 12:48:18	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-10	Lab Sample ID:	200-76917-10		
Client ID:	27027				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

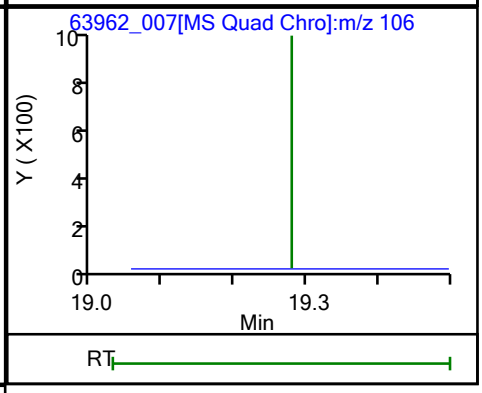
75 Ethylbenzene, CAS: 100-41-4

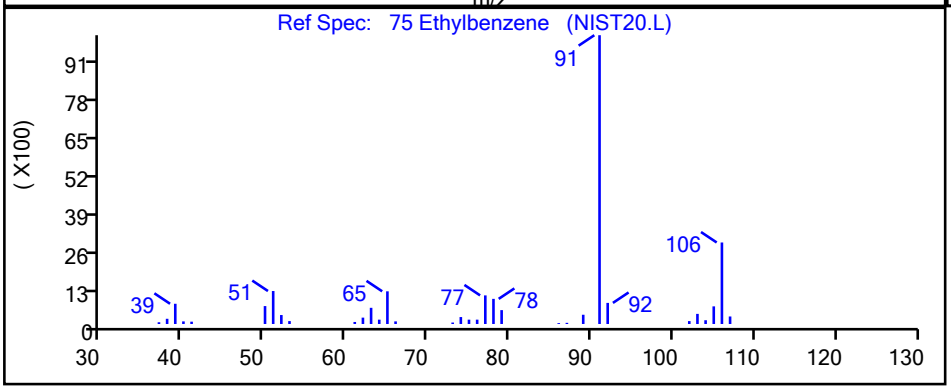
Processing Results











RT	Mass	Response	Amount
19.03	91.00	3347	0.015123
19.28	106.00	0	

Reviewer: YWL8, 12-Feb-2025 08:58:27 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2911 | Lab Sample ID: 200-76917-11

Matrix: Air | Lab File ID: 63962_008.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/11/2025 13:50

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213533 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2911 Lab Sample ID: 200-76917-11

Matrix: Air Lab File ID: 63962_008.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 13:50

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2911 Lab Sample ID: 200-76917-11

Matrix: Air Lab File ID: 63962_008.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 13:50

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_008.D
Lims ID: 200-76917-A-11
Client ID: 2911
Sample Type: Client
Inject. Date: 11-Feb-2025 13:50:20 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063962-008
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Feb-2025 09:00:18 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: YWL8 Date: 12-Feb-2025 09:00:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.278				ND	7
2 Dichlorodifluoromethane	85		4.374				ND	
3 Chlorodifluoromethane	51		4.428				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
5 Chloromethane	50		4.877				ND	7
7 Butane	43		5.182				ND	7
6 Vinyl chloride	62		5.182				ND	
8 Butadiene	54		5.295				ND	
9 Bromomethane	94		6.049				ND	
10 Chloroethane	64		6.327				ND	
13 Vinyl bromide	106		6.755				ND	
14 Trichlorofluoromethane	101		6.921				ND	
16 Ethanol	45		7.327				ND	
20 1,1-Dichloroethene	96		8.007				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
22 Acetone	43		8.098				ND	7
23 Isopropyl alcohol	45		8.403				ND	
24 Carbon disulfide	76		8.413				ND	7
26 3-Chloro-1-propene	41		8.718				ND	7
27 Methylene Chloride	49		8.959				ND	7
28 2-Methyl-2-propanol	59		9.189				ND	
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57		9.970				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
33 1,1-Dichloroethane	63		10.243				ND	
34 Vinyl acetate	43		10.254				ND	
36 2-Butanone (MEK)	72		11.233				ND	
37 cis-1,2-Dichloroethene	96		11.260				ND	
38 Ethyl acetate	88		11.308				ND	
* 39 Chlorobromomethane	128	11.671	11.671	0.000	96	306754	10.0	
40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.431				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1508289	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.560				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.332				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.888				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	92	1352633	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	MU
	76 m-Xylene & p-Xylene	106		19.536				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.499				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.825				ND	
	87 4-Ethyltoluene	105		21.874				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.762				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	7
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	7
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

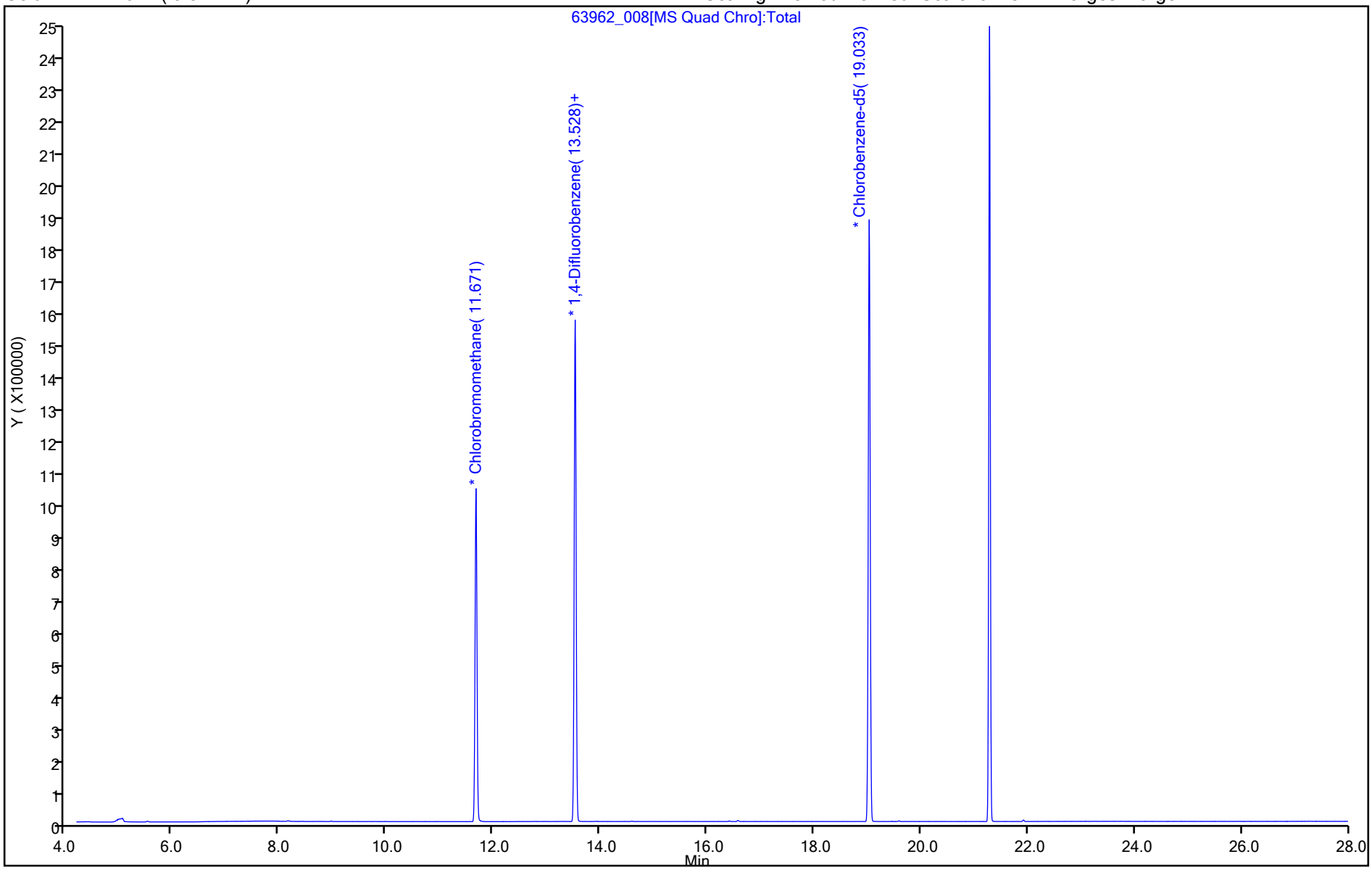
Report Date: 12-Feb-2025 09:00:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_008.D

Injection Date:	11-Feb-2025 13:50:20	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-11	Lab Sample ID:	200-76917-11	Worklist Smp#:	8
Client ID:	2911				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	8
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



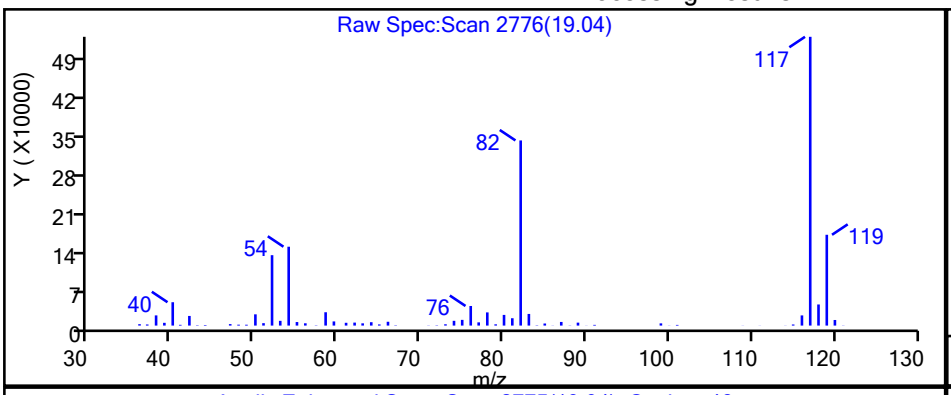
User Disabled Compound Report

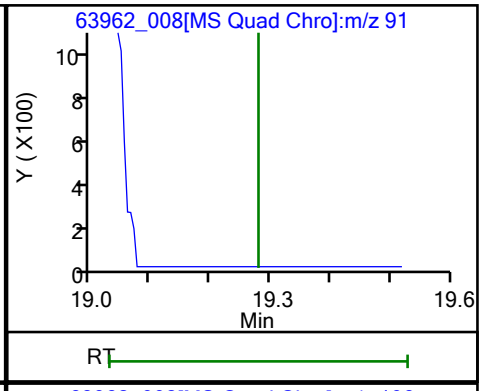
Eurofins Burlington

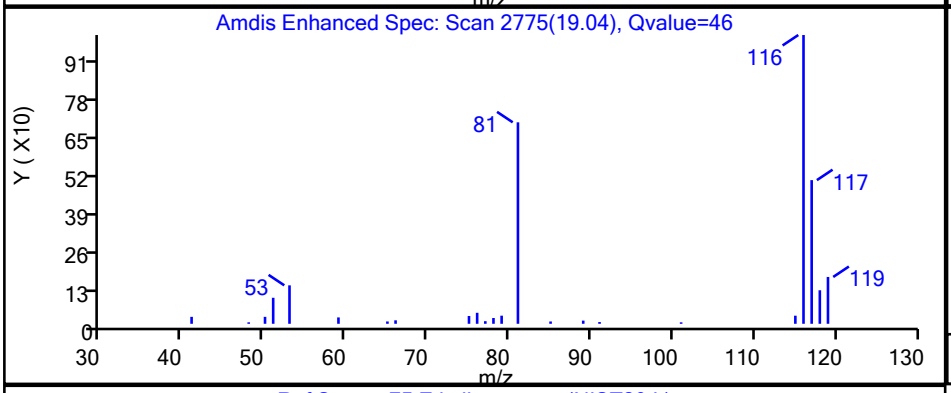
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_008.D				
Injection Date:	11-Feb-2025 13:50:20	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-11	Lab Sample ID:	200-76917-11		
Client ID:	2911				
Operator ID:	vtp	ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

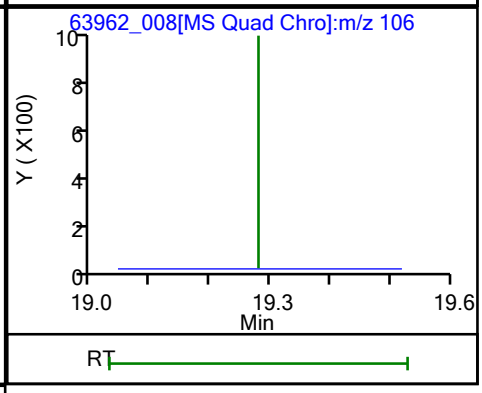
75 Ethylbenzene, CAS: 100-41-4

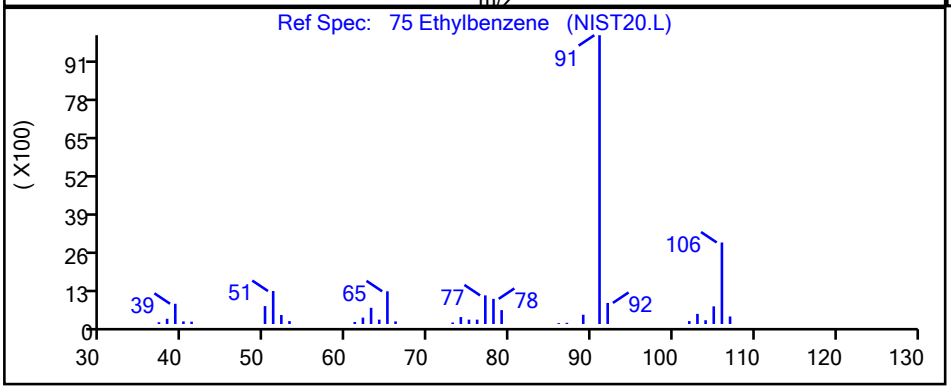
Processing Results











RT	Mass	Response	Amount
19.04	91.00	3146	0.014376
19.28	106.00	0	

Reviewer: YWL8, 12-Feb-2025 08:59:52 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 5152 Lab Sample ID: 200-76917-12

Matrix: Air Lab File ID: 63962_009.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 14:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 5152 | Lab Sample ID: 200-76917-12

Matrix: Air | Lab File ID: 63962_009.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/11/2025 14:52

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213533 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 5152 Lab Sample ID: 200-76917-12

Matrix: Air Lab File ID: 63962_009.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 14:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_009.D
Lims ID: 200-76917-A-12
Client ID: 5152
Sample Type: Client
Inject. Date: 11-Feb-2025 14:52:06 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063962-009
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Feb-2025 09:00:18 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: YWL8 Date: 12-Feb-2025 09:04:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.278				ND	7
2 Dichlorodifluoromethane	85		4.374				ND	
3 Chlorodifluoromethane	51		4.428				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
5 Chloromethane	50		4.877				ND	
7 Butane	43		5.182				ND	7
6 Vinyl chloride	62		5.182				ND	
8 Butadiene	54		5.295				ND	
9 Bromomethane	94		6.049				ND	
10 Chloroethane	64		6.327				ND	
13 Vinyl bromide	106		6.755				ND	
14 Trichlorofluoromethane	101		6.921				ND	
16 Ethanol	45		7.327				ND	
20 1,1-Dichloroethene	96		8.007				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
22 Acetone	43		8.098				ND	7
23 Isopropyl alcohol	45		8.403				ND	
24 Carbon disulfide	76		8.413				ND	7
26 3-Chloro-1-propene	41		8.718				ND	
27 Methylene Chloride	49		8.959				ND	7
28 2-Methyl-2-propanol	59		9.189				ND	
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57		9.970				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
33 1,1-Dichloroethane	63		10.243				ND	
34 Vinyl acetate	43		10.254				ND	
36 2-Butanone (MEK)	72		11.233				ND	
37 cis-1,2-Dichloroethene	96		11.260				ND	
38 Ethyl acetate	88		11.308				ND	
* 39 Chlorobromomethane	128	11.671	11.671	0.000	96	303969	10.0	
40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.431				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1497616	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.560				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.332				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.888				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	91	1338560	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	
	76 m-Xylene & p-Xylene	106		19.536				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.499				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.825				ND	
	87 4-Ethyltoluene	105		21.874				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.762				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

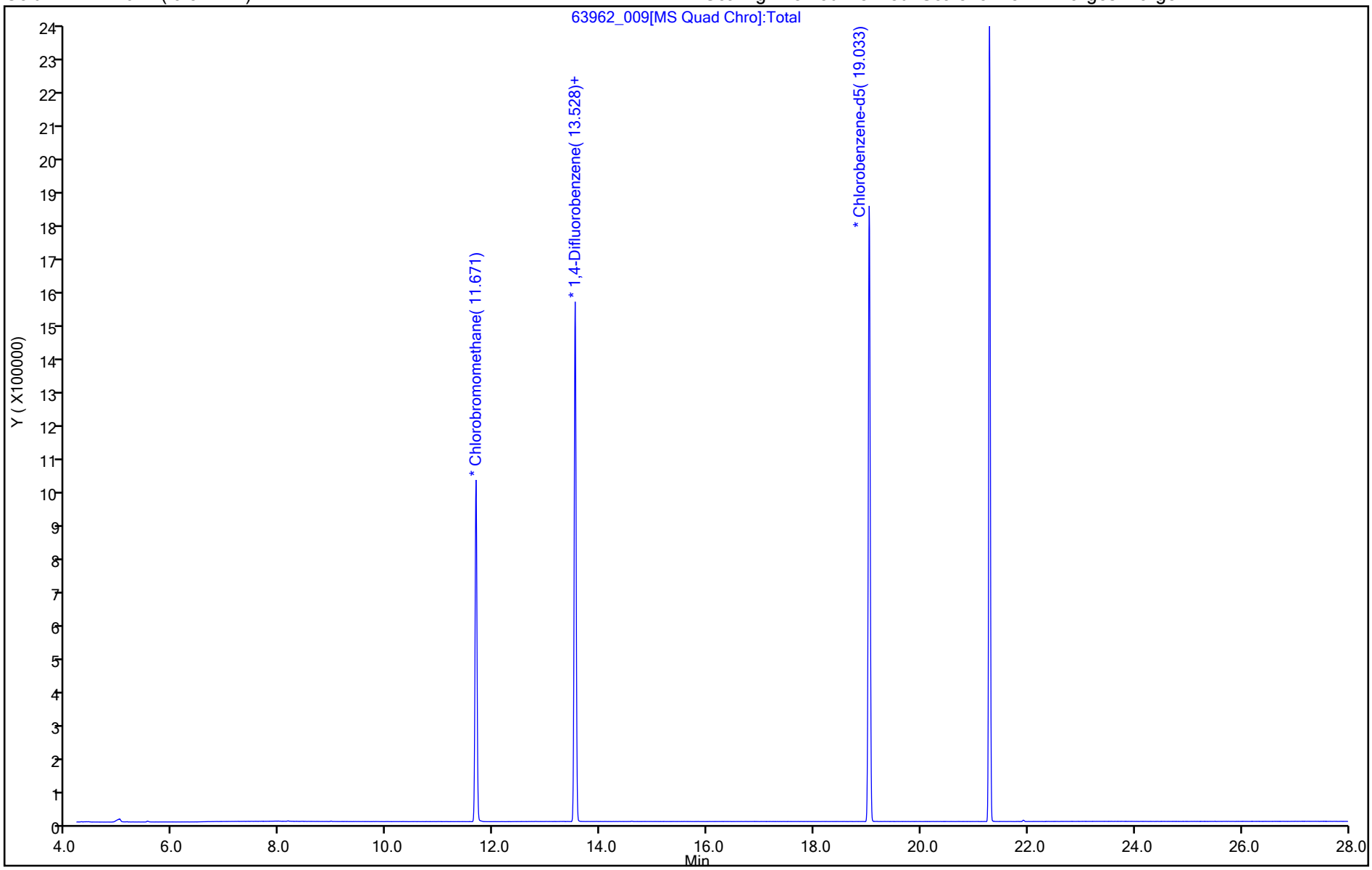
Report Date: 12-Feb-2025 09:04:10 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_009.D

Injection Date:	11-Feb-2025 14:52:06	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-12	Lab Sample ID:	200-76917-12	Worklist Smp#:	9
Client ID:	5152				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	9
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3086 Lab Sample ID: 200-76939-1

Matrix: Air Lab File ID: 64024_020.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 00:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3086 | Lab Sample ID: 200-76939-1

Matrix: Air | Lab File ID: 64024_020.D

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2025 00:46

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213675 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U *-	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3086 Lab Sample ID: 200-76939-1

Matrix: Air Lab File ID: 64024_020.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 00:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_020.D
Lims ID: 200-76939-A-1
Client ID: 3086
Sample Type: Client
Inject. Date: 18-Feb-2025 00:46:41 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064024-020
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 17-Feb-2025 23:30:47 Calib Date: 12-Feb-2025 04:41:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250211-63972.b\63972_018.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: F7XK Date: 18-Feb-2025 13:50:28

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.348				ND	7
	2 Dichlorodifluoromethane	85		4.444				ND	
	3 Chlorodifluoromethane	51		4.487				ND	7
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
	5 Chloromethane	50		4.926				ND	7
	6 Vinyl chloride	62		5.220				ND	
	7 Butane	43		5.225				ND	7
	8 Butadiene	54		5.332				ND	7
	9 Bromomethane	94		6.054				ND	
	10 Chloroethane	64		6.322				ND	
	13 Vinyl bromide	106		6.744				ND	
	14 Trichlorofluoromethane	101		6.910				ND	
	16 Ethanol	45		7.258				ND	
	20 1,1-Dichloroethene	96		7.964				ND	7
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.007				ND	
	22 Acetone	43		8.018				ND	7
	23 Isopropyl alcohol	45		8.307				ND	7
	24 Carbon disulfide	76		8.371				ND	7
	26 3-Chloro-1-propene	41		8.649				ND	7
	27 Methylene Chloride	49		8.879				ND	7
	28 2-Methyl-2-propanol	59		9.072				ND	
	30 trans-1,2-Dichloroethene	61		9.377				ND	7
	31 Methyl tert-butyl ether	73		9.382				ND	
	32 Hexane	57		9.901				ND	
	33 1,1-Dichloroethane	63		10.136				ND	
	34 Vinyl acetate	43		10.142				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.088				ND	
	37 cis-1,2-Dichloroethene	96		11.126				ND	7
	38 Ethyl acetate	88		11.179				ND	
*	39 Chlorobromomethane	128	11.532	11.533	-0.001	88	318791	10.0	
	40 Tetrahydrofuran	42		11.575				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Chloroform	83		11.709				ND	
42 1,1,1-Trichloroethane	97		12.025				ND	
43 Cyclohexane	84		12.175				ND	
44 Carbon tetrachloride	117		12.308				ND	
45 Benzene	78		12.645				ND	7
46 1,2-Dichloroethane	62		12.709				ND	
47 Isooctane	57		12.881				ND	
48 n-Heptane	43		13.186				ND	7
* 49 1,4-Difluorobenzene	114	13.373	13.378	-0.005	98	1667184	10.0	
51 Trichloroethene	95		13.812				ND	
53 1,2-Dichloropropane	63		14.261				ND	
54 Methyl methacrylate	69		14.347				ND	
55 1,4-Dioxane	88		14.384				ND	
57 Dibromomethane	174		14.416				ND	7
58 Dichlorobromomethane	83		14.721				ND	
59 cis-1,3-Dichloropropene	75		15.529				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.780				ND	
62 Toluene	92		16.176				ND	7
66 trans-1,3-Dichloropropene	75		16.572				ND	
67 1,1,2-Trichloroethane	83		16.947				ND	
68 Tetrachloroethene	166		17.171				ND	
69 2-Hexanone	43		17.358				ND	
70 Chlorodibromomethane	129		17.685				ND	
71 Ethylene Dibromide	107		17.926				ND	
* 73 Chlorobenzene-d5	117	18.840	18.846	-0.006	96	1420045	10.0	
74 Chlorobenzene	112		18.905				ND	
75 Ethylbenzene	91		19.097				ND	
76 m-Xylene & p-Xylene	106		19.365				ND	
S 80 Xylenes, Total	106		20.100				ND	7
78 o-Xylene	106		20.135				ND	
79 Styrene	104		20.167				ND	
81 Bromoform	173		20.499				ND	
82 Isopropylbenzene	105		20.825				ND	
83 1,1,2,2-Tetrachloroethane	83		21.323				ND	7
85 N-Propylbenzene	91		21.537				ND	
86 2-Chlorotoluene	91		21.681				ND	
87 4-Ethyltoluene	105		21.729				ND	
88 1,3,5-Trimethylbenzene	105		21.825				ND	
91 tert-Butylbenzene	119		22.307				ND	
92 1,2,4-Trimethylbenzene	105		22.393				ND	
93 sec-Butylbenzene	105		22.628				ND	
94 1,3-Dichlorobenzene	146		22.799				ND	7
95 4-Isopropyltoluene	119		22.842				ND	
96 1,4-Dichlorobenzene	146		22.938				ND	7
97 Benzyl chloride	91		23.077				ND	
98 n-Butylbenzene	91		23.398				ND	
99 1,2-Dichlorobenzene	146		23.425				ND	
102 1,2,4-Trichlorobenzene	180		25.870				ND	
103 Hexachlorobutadiene	225		26.127				ND	
104 Naphthalene	128		26.346				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15ClSs_00012 Amount Added: 20.00 Units: mL Run Reagent

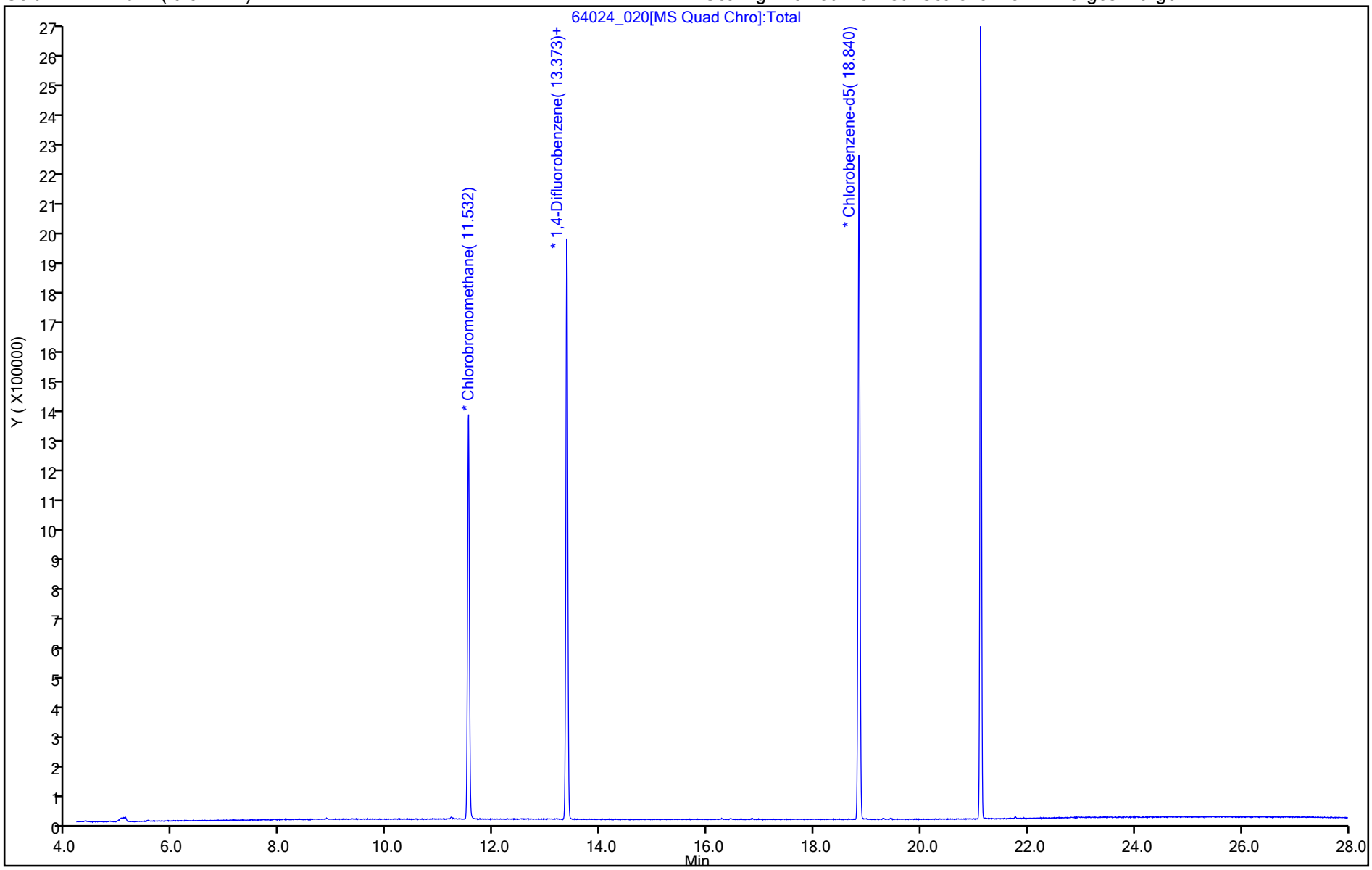
Report Date: 18-Feb-2025 13:50:28 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_020.D

Injection Date:	18-Feb-2025 00:46:41	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76939-A-1	Lab Sample ID:	200-76939-1	Worklist Smp#:	20
Client ID:	3086				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	19
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 9210 Lab Sample ID: 200-76939-2

Matrix: Air Lab File ID: 64024_021.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 01:47

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 9210 Lab Sample ID: 200-76939-2

Matrix: Air Lab File ID: 64024_021.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 01:47

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U *-	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 9210 Lab Sample ID: 200-76939-2

Matrix: Air Lab File ID: 64024_021.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 01:47

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_021.D
Lims ID: 200-76939-A-2
Client ID: 9210
Sample Type: Client
Inject. Date: 18-Feb-2025 01:47:32 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064024-021
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Feb-2025 14:36:15 Calib Date: 12-Feb-2025 04:41:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250211-63972.b\63972_018.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: F7XK Date: 18-Feb-2025 14:36:15

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.348				ND	7
	2 Dichlorodifluoromethane	85		4.444				ND	7
	3 Chlorodifluoromethane	51		4.487				ND	7
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
	5 Chloromethane	50		4.926				ND	7
	6 Vinyl chloride	62		5.220				ND	
	7 Butane	43		5.225				ND	7
	8 Butadiene	54		5.332				ND	7
	9 Bromomethane	94		6.054				ND	
	10 Chloroethane	64		6.322				ND	
	13 Vinyl bromide	106		6.744				ND	
	14 Trichlorofluoromethane	101		6.910				ND	
	16 Ethanol	45		7.258				ND	
	20 1,1-Dichloroethene	96		7.964				ND	7
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.007				ND	
	22 Acetone	43		8.018				ND	7
	23 Isopropyl alcohol	45		8.307				ND	7
	24 Carbon disulfide	76		8.371				ND	7
	26 3-Chloro-1-propene	41		8.649				ND	7
	27 Methylene Chloride	49		8.879				ND	7
	28 2-Methyl-2-propanol	59		9.072				ND	
	30 trans-1,2-Dichloroethene	61		9.377				ND	7
	31 Methyl tert-butyl ether	73		9.382				ND	
	32 Hexane	57		9.901				ND	
	33 1,1-Dichloroethane	63		10.136				ND	
	34 Vinyl acetate	43		10.142				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.088				ND	
	37 cis-1,2-Dichloroethene	96		11.126				ND	7
	38 Ethyl acetate	88		11.179				ND	
*	39 Chlorobromomethane	128	11.532	11.533	-0.001	88	313110	10.0	
	40 Tetrahydrofuran	42		11.575				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.709				ND	
	42 1,1,1-Trichloroethane	97		12.025				ND	
	43 Cyclohexane	84		12.175				ND	
	44 Carbon tetrachloride	117		12.308				ND	
	45 Benzene	78		12.645				ND	MU
	46 1,2-Dichloroethane	62		12.709				ND	
	47 Isooctane	57		12.881				ND	
	48 n-Heptane	43		13.186				ND	7
*	49 1,4-Difluorobenzene	114	13.373	13.378	-0.005	98	1673732	10.0	
	51 Trichloroethene	95		13.812				ND	
	53 1,2-Dichloropropane	63		14.261				ND	
	54 Methyl methacrylate	69		14.347				ND	
	55 1,4-Dioxane	88		14.384				ND	
	57 Dibromomethane	174		14.416				ND	7
	58 Dichlorobromomethane	83		14.721				ND	
	59 cis-1,3-Dichloropropene	75		15.529				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.780				ND	
	62 Toluene	92		16.176				ND	
	66 trans-1,3-Dichloropropene	75		16.572				ND	
	67 1,1,2-Trichloroethane	83		16.947				ND	
	68 Tetrachloroethene	166		17.171				ND	
	69 2-Hexanone	43		17.358				ND	
	70 Chlorodibromomethane	129		17.685				ND	
	71 Ethylene Dibromide	107		17.926				ND	
*	73 Chlorobenzene-d5	117	18.840	18.846	-0.006	97	1421558	10.0	
	74 Chlorobenzene	112		18.905				ND	
	75 Ethylbenzene	91		19.097				ND	7
	76 m-Xylene & p-Xylene	106		19.365				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.135				ND	
	79 Styrene	104		20.167				ND	
	81 Bromoform	173		20.499				ND	
	82 Isopropylbenzene	105		20.825				ND	7
	83 1,1,2,2-Tetrachloroethane	83		21.323				ND	7
	85 N-Propylbenzene	91		21.537				ND	7
	86 2-Chlorotoluene	91		21.681				ND	7
	87 4-Ethyltoluene	105		21.729				ND	7
	88 1,3,5-Trimethylbenzene	105		21.825				ND	7
	91 tert-Butylbenzene	119		22.307				ND	7
	92 1,2,4-Trimethylbenzene	105		22.393				ND	7
	93 sec-Butylbenzene	105		22.628				ND	7
	94 1,3-Dichlorobenzene	146		22.799				ND	7
	95 4-Isopropyltoluene	119		22.842				ND	7
	96 1,4-Dichlorobenzene	146		22.938				ND	7
	97 Benzyl chloride	91		23.077				ND	
	98 n-Butylbenzene	91		23.398				ND	MU
	99 1,2-Dichlorobenzene	146		23.425				ND	7
	102 1,2,4-Trichlorobenzene	180		25.870				ND	
	103 Hexachlorobutadiene	225		26.127				ND	
	104 Naphthalene	128		26.346				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

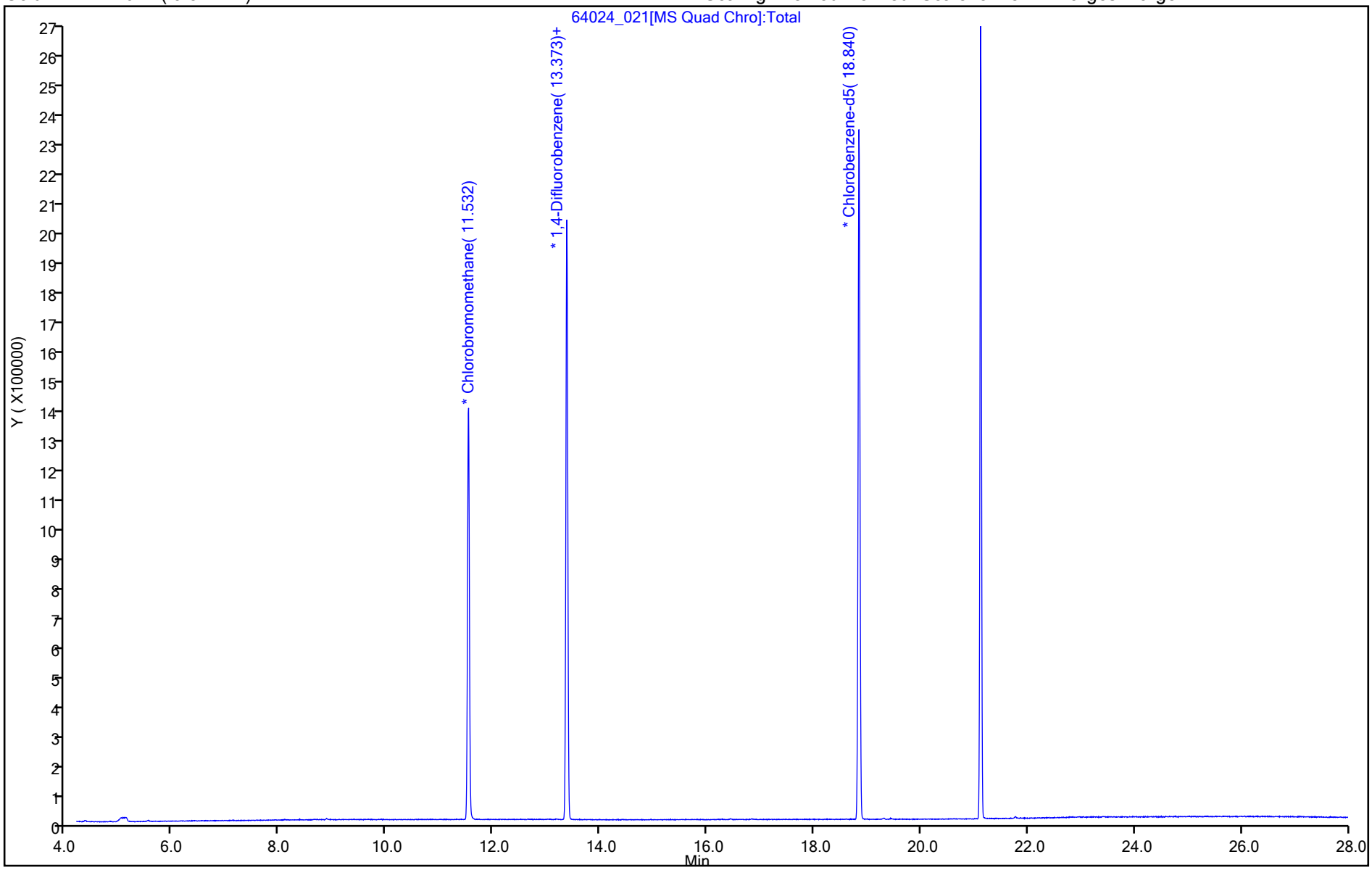
Report Date: 18-Feb-2025 14:36:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_021.D

Injection Date:	18-Feb-2025 01:47:32	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76939-A-2	Lab Sample ID:	200-76939-2	Worklist Smp#:	21
Client ID:	9210				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	20
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



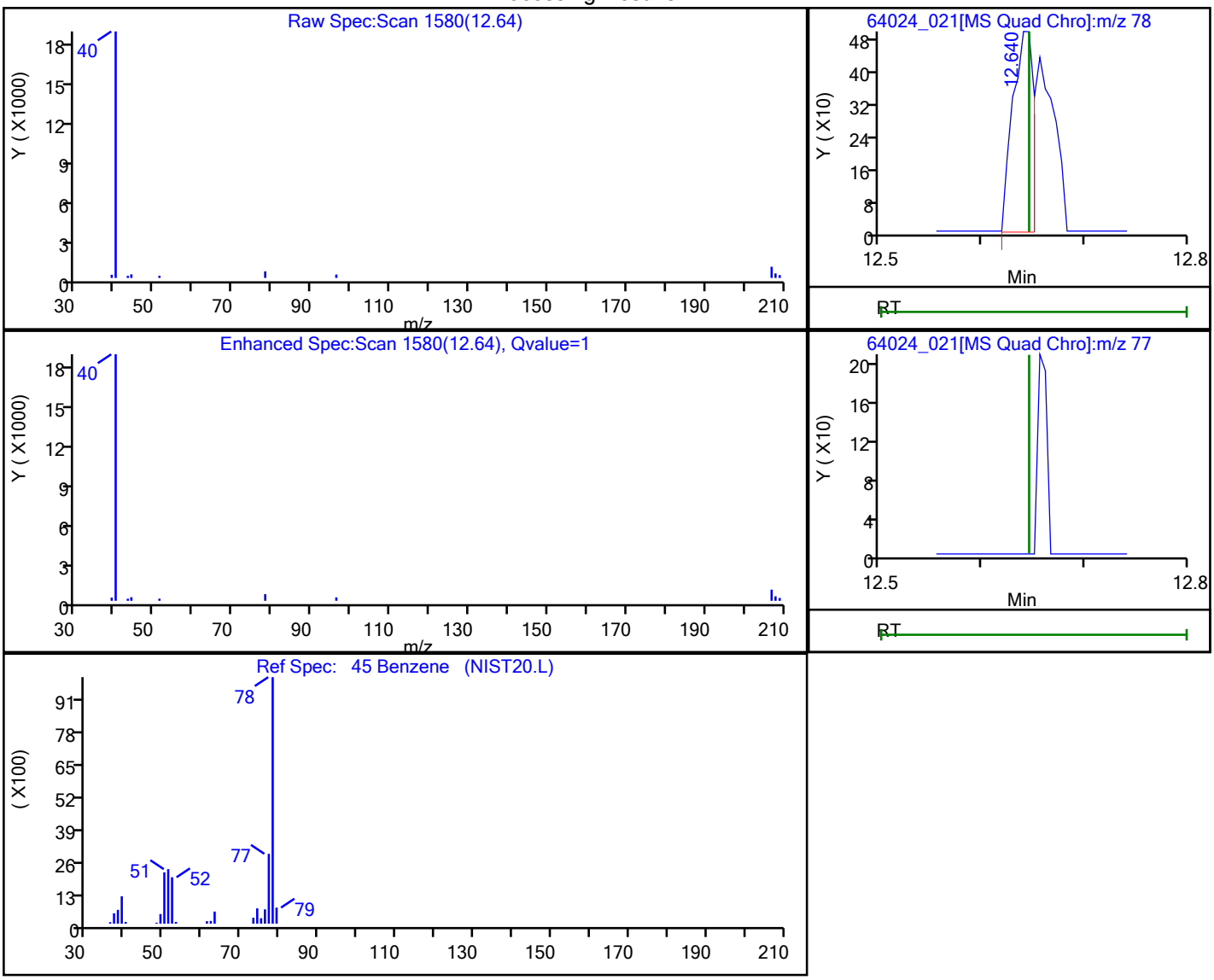
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_021.D				
Injection Date:	18-Feb-2025 01:47:32	Instrument ID:	CHAN.i		
Lims ID:	200-76939-A-2	Lab Sample ID:	200-76939-2		
Client ID:	9210				
Operator ID:	wrd	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
12.64	78.00	719	0.004529
12.65	77.00	0	

Reviewer: F7XK, 18-Feb-2025 14:35:04 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

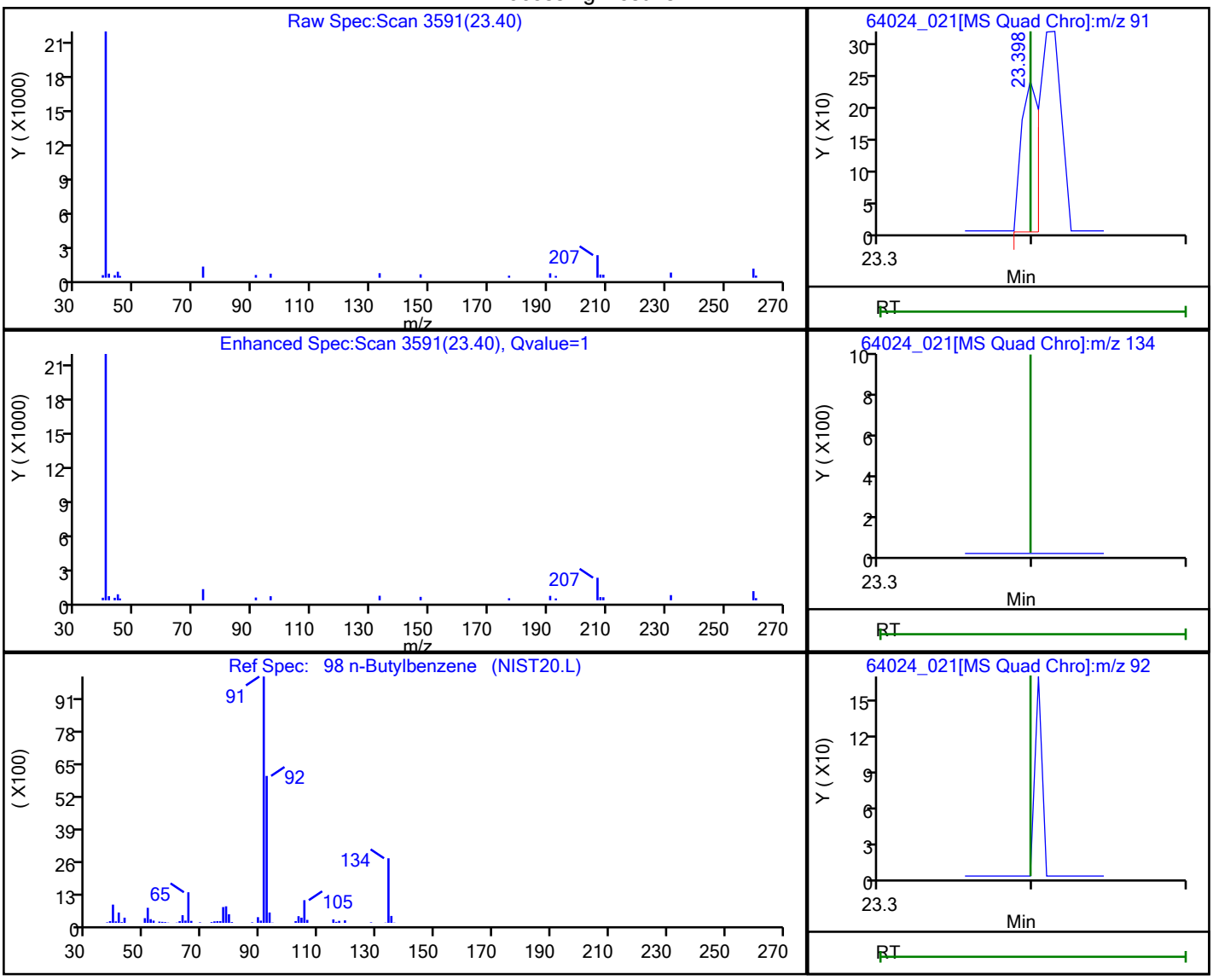
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_021.D				
Injection Date:	18-Feb-2025 01:47:32	Instrument ID:	CHAN.i		
Lims ID:	200-76939-A-2	Lab Sample ID:	200-76939-2		
Client ID:	9210				
Operator ID:	wrd	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
23.40	91.00	193	0.000781
23.40	134.00	0	
23.40	92.00	0	

Reviewer: F7XK, 18-Feb-2025 14:35:57 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 34001546 | Lab Sample ID: 200-76939-3

Matrix: Air | Lab File ID: 64024_022.D

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2025 02:48

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213675 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 34001546 Lab Sample ID: 200-76939-3

Matrix: Air Lab File ID: 64024_022.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 02:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U *-	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 34001546 Lab Sample ID: 200-76939-3

Matrix: Air Lab File ID: 64024_022.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 02:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_022.D
Lims ID: 200-76939-A-3
Client ID: 34001546
Sample Type: Client
Inject. Date: 18-Feb-2025 02:48:18 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064024-022
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Feb-2025 16:13:12 Calib Date: 12-Feb-2025 04:41:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250211-63972.b\63972_018.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: F7XK Date: 18-Feb-2025 16:13:12

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.348				ND	7
	2 Dichlorodifluoromethane	85		4.444				ND	
	3 Chlorodifluoromethane	51		4.487				ND	7
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
	5 Chloromethane	50		4.926				ND	7
	6 Vinyl chloride	62		5.220				ND	
	7 Butane	43		5.225				ND	7
	8 Butadiene	54		5.332				ND	
	9 Bromomethane	94		6.054				ND	
	10 Chloroethane	64		6.322				ND	
	13 Vinyl bromide	106		6.744				ND	
	14 Trichlorofluoromethane	101		6.910				ND	
	16 Ethanol	45		7.258				ND	
	20 1,1-Dichloroethene	96		7.964				ND	MU
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.007				ND	
	22 Acetone	43		8.018				ND	7
	23 Isopropyl alcohol	45		8.307				ND	
	24 Carbon disulfide	76		8.371				ND	
	26 3-Chloro-1-propene	41		8.649				ND	7
	27 Methylene Chloride	49		8.879				ND	7
	28 2-Methyl-2-propanol	59		9.072				ND	
	30 trans-1,2-Dichloroethene	61		9.377				ND	
	31 Methyl tert-butyl ether	73		9.382				ND	
	32 Hexane	57		9.901				ND	7
	33 1,1-Dichloroethane	63		10.136				ND	
	34 Vinyl acetate	43		10.142				ND	7
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.088				ND	
	37 cis-1,2-Dichloroethene	96		11.126				ND	7
	38 Ethyl acetate	88		11.179				ND	
*	39 Chlorobromomethane	128	11.532	11.533	-0.001	88	321764	10.0	
	40 Tetrahydrofuran	42		11.575				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.709				ND	
	42 1,1,1-Trichloroethane	97		12.025				ND	
	43 Cyclohexane	84		12.175				ND	
	44 Carbon tetrachloride	117		12.308				ND	
	45 Benzene	78		12.645				ND	MU
	46 1,2-Dichloroethane	62		12.709				ND	
	47 Isooctane	57		12.881				ND	
	48 n-Heptane	43		13.186				ND	7
*	49 1,4-Difluorobenzene	114	13.372	13.378	-0.006	98	1719827	10.0	
	51 Trichloroethene	95		13.812				ND	
	53 1,2-Dichloropropane	63		14.261				ND	
	54 Methyl methacrylate	69		14.347				ND	
	55 1,4-Dioxane	88		14.384				ND	
	57 Dibromomethane	174	14.421	14.421	0.005	40	327	0.008166	7Ma
	58 Dichlorobromomethane	83		14.721				ND	
	59 cis-1,3-Dichloropropene	75		15.529				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.780				ND	
	62 Toluene	92		16.176				ND	
	66 trans-1,3-Dichloropropene	75		16.572				ND	
	67 1,1,2-Trichloroethane	83		16.947				ND	
	68 Tetrachloroethene	166		17.171				ND	
	69 2-Hexanone	43		17.358				ND	
	70 Chlorodibromomethane	129		17.685				ND	
	71 Ethylene Dibromide	107		17.926				ND	
*	73 Chlorobenzene-d5	117	18.840	18.846	-0.006	97	1457939	10.0	
	74 Chlorobenzene	112		18.905				ND	
	75 Ethylbenzene	91		19.097				ND	
	76 m-Xylene & p-Xylene	106		19.365				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.135				ND	
	79 Styrene	104		20.167				ND	
	81 Bromoform	173		20.499				ND	
	82 Isopropylbenzene	105		20.825				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.323				ND	7
	85 N-Propylbenzene	91		21.537				ND	7
	86 2-Chlorotoluene	91		21.681				ND	7
	87 4-Ethyltoluene	105		21.729				ND	7
	88 1,3,5-Trimethylbenzene	105		21.825				ND	7
	91 tert-Butylbenzene	119		22.307				ND	
	92 1,2,4-Trimethylbenzene	105		22.393				ND	7
	93 sec-Butylbenzene	105		22.628				ND	7
	94 1,3-Dichlorobenzene	146		22.799				ND	7
	95 4-Isopropyltoluene	119		22.842				ND	7
	96 1,4-Dichlorobenzene	146		22.938				ND	7
	97 Benzyl chloride	91		23.077				ND	
	98 n-Butylbenzene	91		23.398				ND	7
	99 1,2-Dichlorobenzene	146		23.425				ND	7
	102 1,2,4-Trichlorobenzene	180		25.870				ND	
	103 Hexachlorobutadiene	225		26.127				ND	
	104 Naphthalene	128		26.346				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

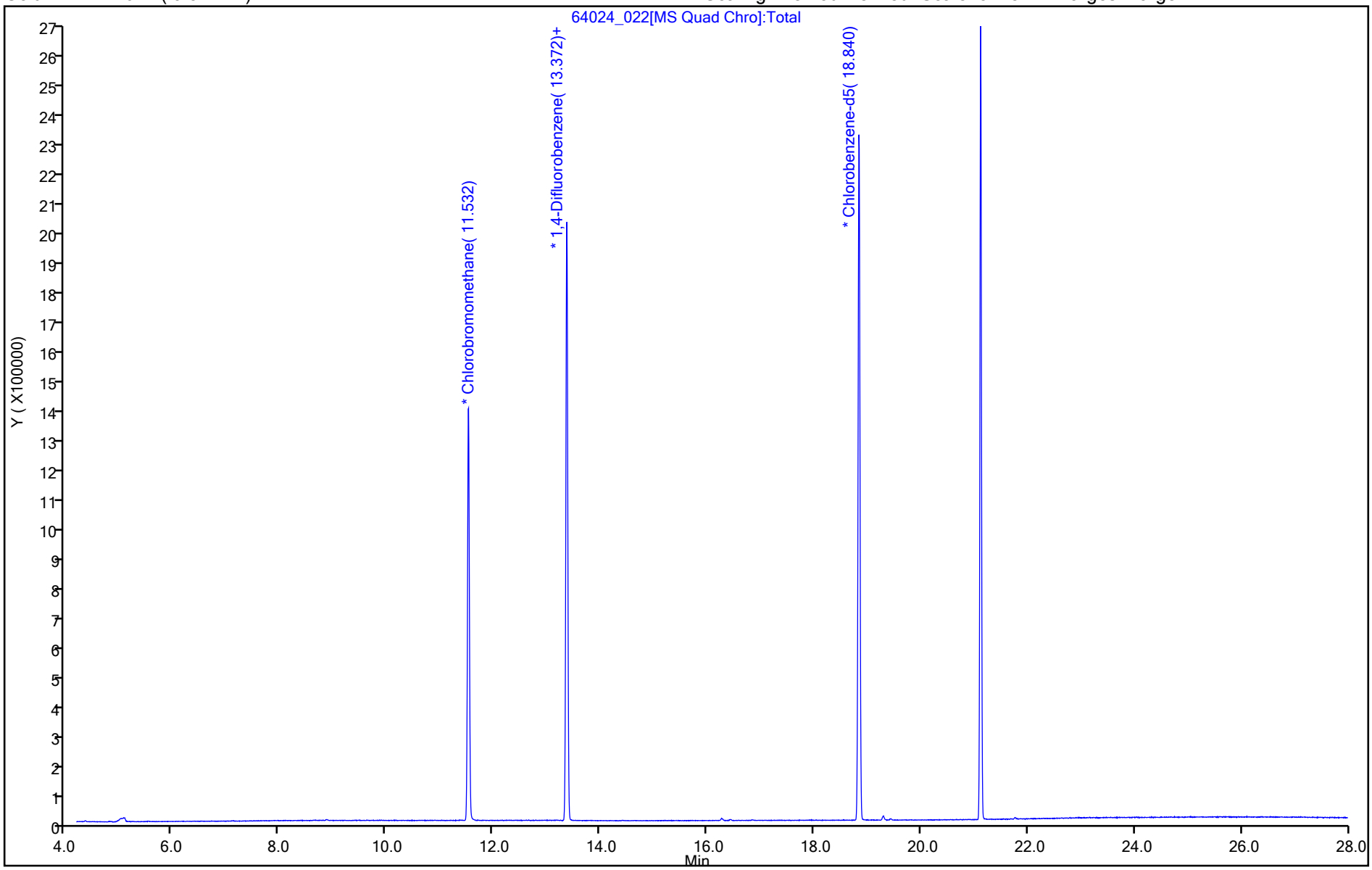
Report Date: 18-Feb-2025 16:13:12 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_022.D

Injection Date:	18-Feb-2025 02:48:18	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76939-A-3	Lab Sample ID:	200-76939-3	Worklist Smp#:	22
Client ID:	34001546				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	21
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



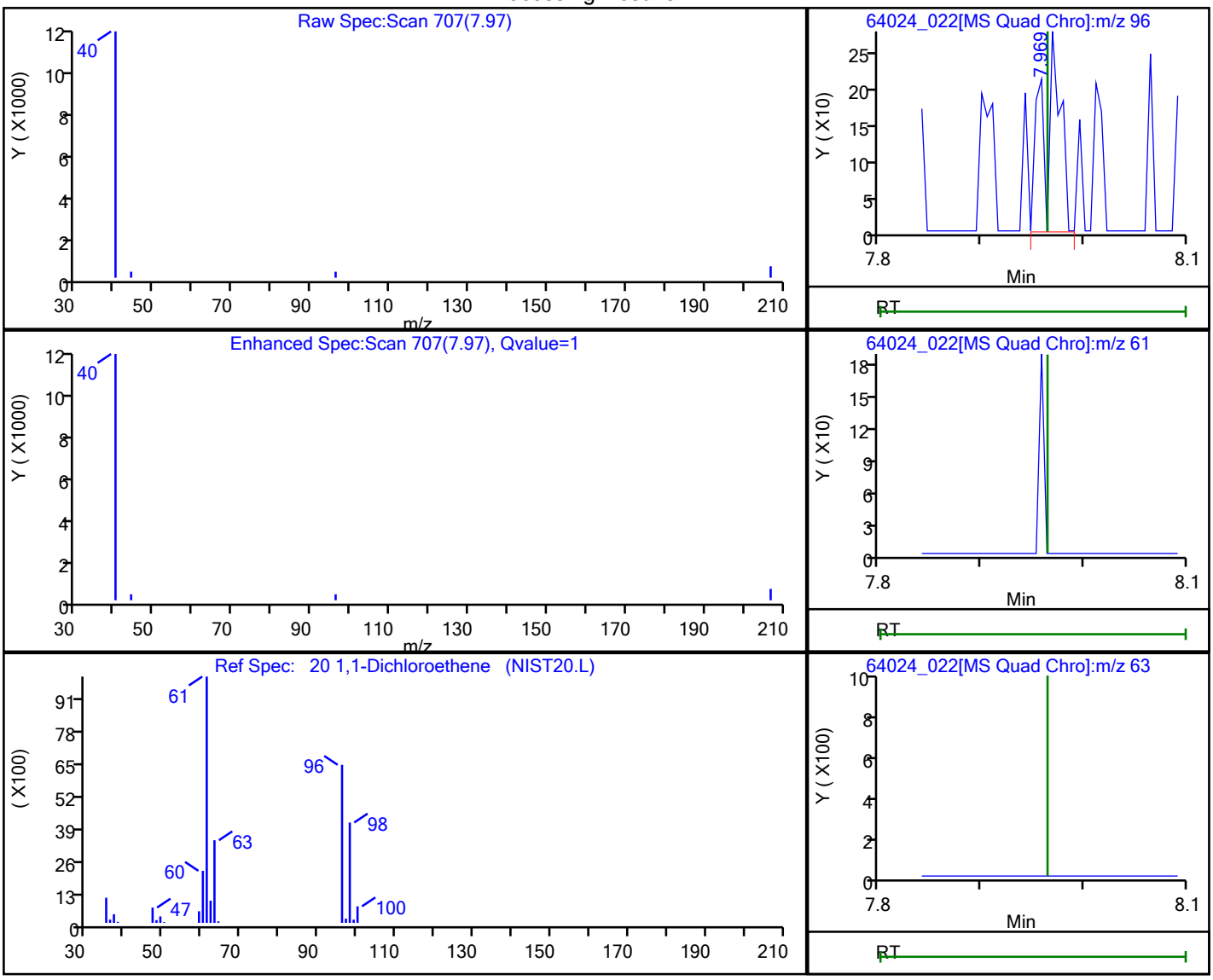
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_022.D				
Injection Date:	18-Feb-2025 02:48:18	Instrument ID:	CHAN.i		
Lims ID:	200-76939-A-3	Lab Sample ID:	200-76939-3		
Client ID:	34001546				
Operator ID:	wrd	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.97	96.00	323	0.006989
7.96	61.00	0	
7.96	63.00	0	

Reviewer: F7XK, 18-Feb-2025 16:11:11 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

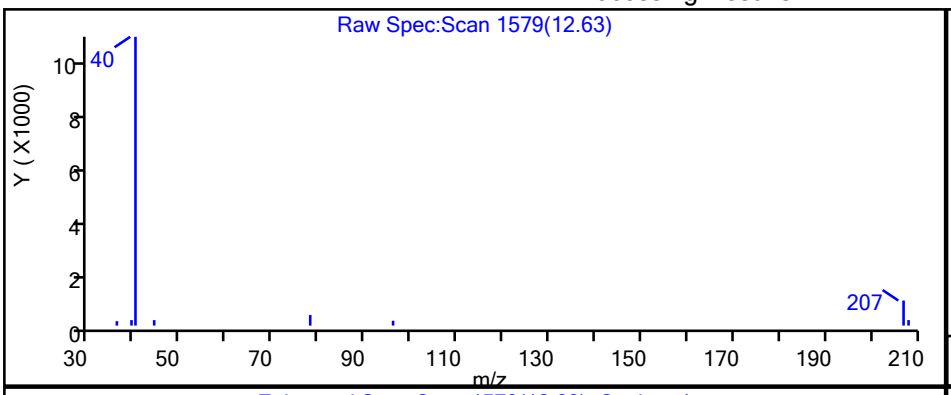
User Disabled Compound Report

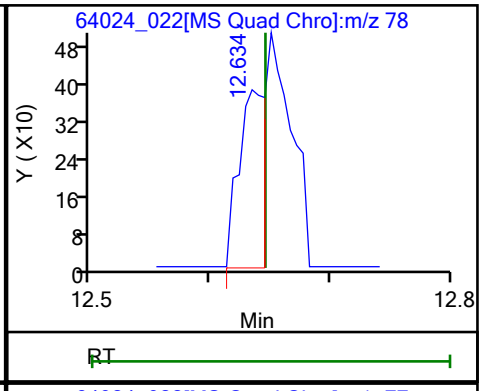
Eurofins Burlington

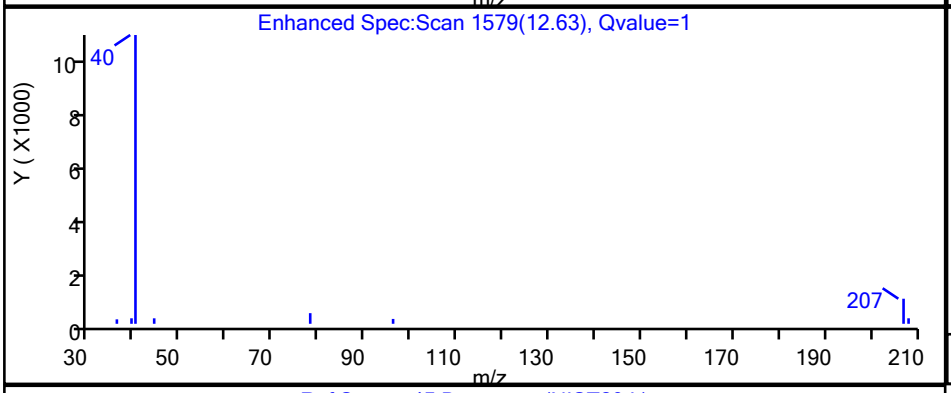
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_022.D				
Injection Date:	18-Feb-2025 02:48:18	Instrument ID:	CHAN.i		
Lims ID:	200-76939-A-3	Lab Sample ID:	200-76939-3		
Client ID:	34001546				
Operator ID:	wrd	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

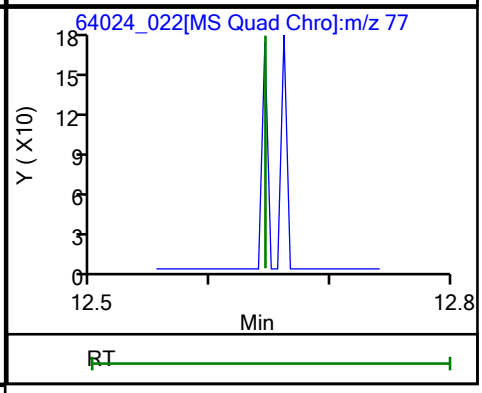
45 Benzene, CAS: 71-43-2

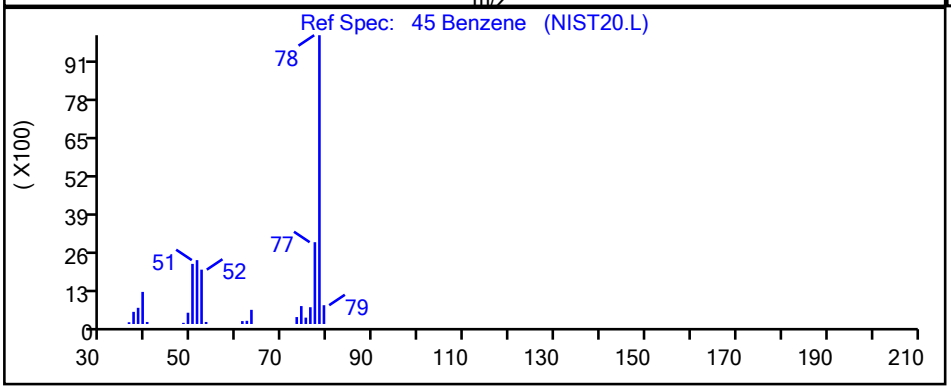
Processing Results











RT	Mass	Response	Amount
12.63	78.00	600	0.003678
12.65	77.00	0	

Reviewer: F7XK, 18-Feb-2025 16:11:56 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5721 | Lab Sample ID: 200-76939-4

Matrix: Air | Lab File ID: 64024_023.D

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2025 03:48

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213675 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5721 | Lab Sample ID: 200-76939-4

Matrix: Air | Lab File ID: 64024_023.D

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2025 03:48

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213675 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U *-	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5721 Lab Sample ID: 200-76939-4

Matrix: Air Lab File ID: 64024_023.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 03:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_023.D
Lims ID: 200-76939-A-4
Client ID: 5721
Sample Type: Client
Inject. Date: 18-Feb-2025 03:48:53 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064024-023
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Feb-2025 07:18:43 Calib Date: 12-Feb-2025 04:41:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250211-63972.b\63972_018.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: BKZ7 Date: 18-Feb-2025 07:18:43

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.348				ND	7
	2 Dichlorodifluoromethane	85		4.444				ND	7
	3 Chlorodifluoromethane	51		4.487				ND	7
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	7
	5 Chloromethane	50		4.926				ND	7
	6 Vinyl chloride	62		5.220				ND	7
	7 Butane	43		5.225				ND	7
	8 Butadiene	54		5.332				ND	7
	9 Bromomethane	94		6.054				ND	
	10 Chloroethane	64		6.322				ND	
	13 Vinyl bromide	106		6.744				ND	
	14 Trichlorofluoromethane	101		6.910				ND	7
	16 Ethanol	45		7.258				ND	
	20 1,1-Dichloroethene	96		7.964				ND	MU
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.007				ND	7
	22 Acetone	43		8.018				ND	7
	23 Isopropyl alcohol	45		8.307				ND	
	24 Carbon disulfide	76		8.371				ND	7
	26 3-Chloro-1-propene	41		8.649				ND	7
	27 Methylene Chloride	49		8.879				ND	7
	28 2-Methyl-2-propanol	59		9.072				ND	
	30 trans-1,2-Dichloroethene	61		9.377				ND	7
	31 Methyl tert-butyl ether	73		9.382				ND	
	32 Hexane	57	9.911	9.901	0.010	71	1544	0.0157	
	33 1,1-Dichloroethane	63		10.136				ND	7
	34 Vinyl acetate	43		10.142				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.088				ND	
	37 cis-1,2-Dichloroethene	96		11.126				ND	7
	38 Ethyl acetate	88		11.179				ND	
*	39 Chlorobromomethane	128	11.532	11.533	-0.001	88	338711	10.0	
	40 Tetrahydrofuran	42		11.575				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Chloroform	83		11.709				ND	
42 1,1,1-Trichloroethane	97		12.025				ND	7
43 Cyclohexane	84		12.175				ND	7
44 Carbon tetrachloride	117		12.308				ND	
45 Benzene	78		12.645				ND	7
46 1,2-Dichloroethane	62		12.709				ND	
47 Isooctane	57		12.881				ND	
48 n-Heptane	43		13.186				ND	7
* 49 1,4-Difluorobenzene	114	13.373	13.378	-0.005	99	1786323	10.0	
51 Trichloroethene	95		13.812				ND	
53 1,2-Dichloropropane	63		14.261				ND	
54 Methyl methacrylate	69		14.347				ND	
55 1,4-Dioxane	88		14.384				ND	
57 Dibromomethane	174		14.416				ND	MU
58 Dichlorobromomethane	83		14.721				ND	
59 cis-1,3-Dichloropropene	75		15.529				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.780				ND	
62 Toluene	92		16.176				ND	7
66 trans-1,3-Dichloropropene	75		16.572				ND	
67 1,1,2-Trichloroethane	83		16.947				ND	
68 Tetrachloroethene	166		17.171				ND	
69 2-Hexanone	43		17.358				ND	
70 Chlorodibromomethane	129		17.685				ND	
71 Ethylene Dibromide	107		17.926				ND	
* 73 Chlorobenzene-d5	117	18.840	18.846	-0.006	97	1548262	10.0	
74 Chlorobenzene	112		18.905				ND	
75 Ethylbenzene	91		19.097				ND	
76 m-Xylene & p-Xylene	106		19.365				ND	
S 80 Xylenes, Total	106		20.100				ND	7
78 o-Xylene	106		20.135				ND	
79 Styrene	104		20.167				ND	
81 Bromoform	173		20.499				ND	
82 Isopropylbenzene	105		20.825				ND	
83 1,1,2,2-Tetrachloroethane	83		21.323				ND	7
85 N-Propylbenzene	91		21.537				ND	7
86 2-Chlorotoluene	91		21.681				ND	7
87 4-Ethyltoluene	105		21.729				ND	7
88 1,3,5-Trimethylbenzene	105		21.825				ND	7
91 tert-Butylbenzene	119		22.307				ND	
92 1,2,4-Trimethylbenzene	105		22.393				ND	7
93 sec-Butylbenzene	105		22.628				ND	7
94 1,3-Dichlorobenzene	146		22.799				ND	7
95 4-Isopropyltoluene	119		22.842				ND	7
96 1,4-Dichlorobenzene	146		22.938				ND	7
97 Benzyl chloride	91		23.077				ND	
98 n-Butylbenzene	91		23.398				ND	7
99 1,2-Dichlorobenzene	146		23.425				ND	7
102 1,2,4-Trichlorobenzene	180		25.870				ND	
103 Hexachlorobutadiene	225		26.127				ND	
104 Naphthalene	128		26.346				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

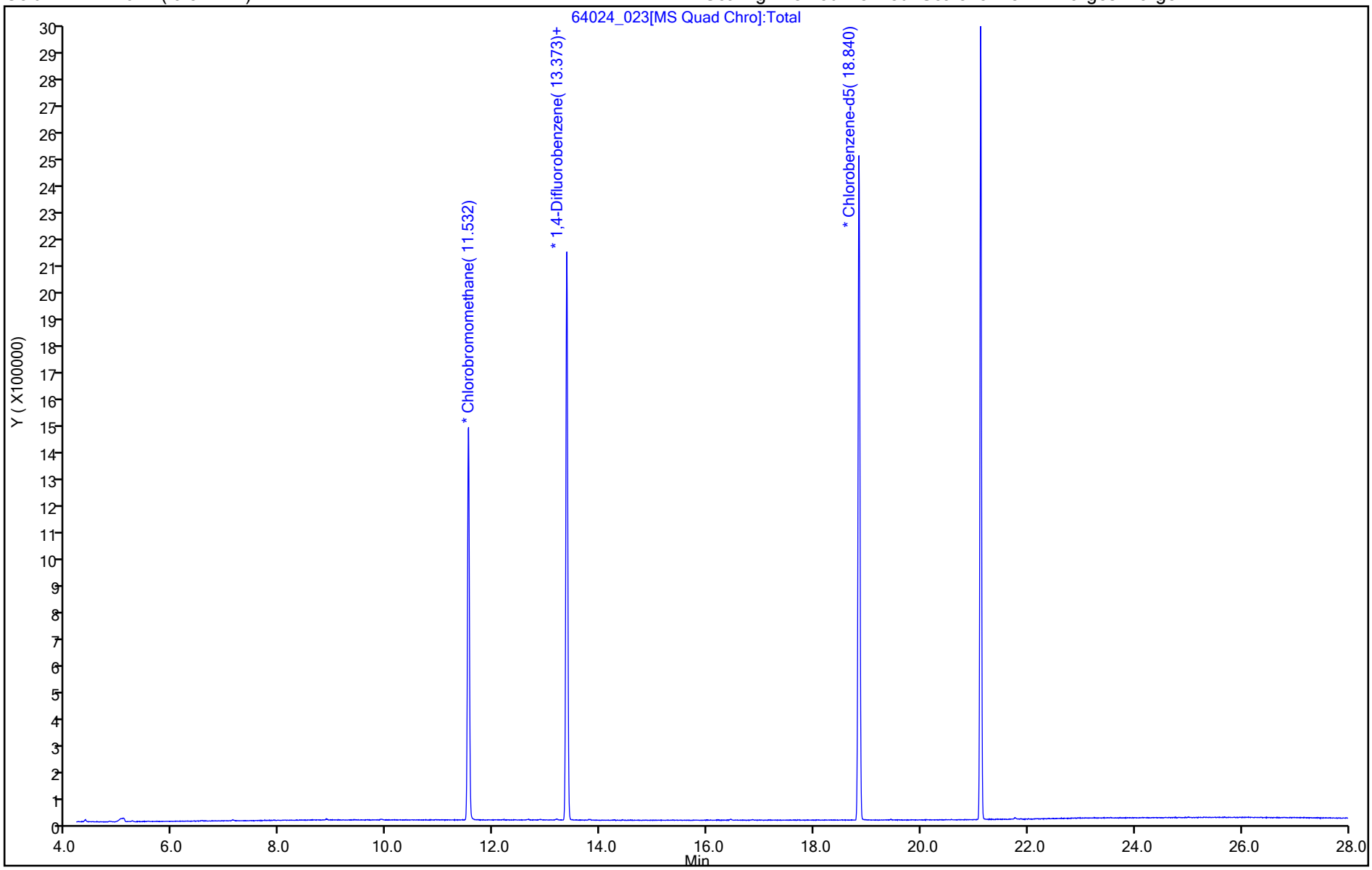
Report Date: 18-Feb-2025 07:18:43 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_023.D

Injection Date:	18-Feb-2025 03:48:53	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76939-A-4	Lab Sample ID:	200-76939-4	Worklist Smp#:	23
Client ID:	5721				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	22
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



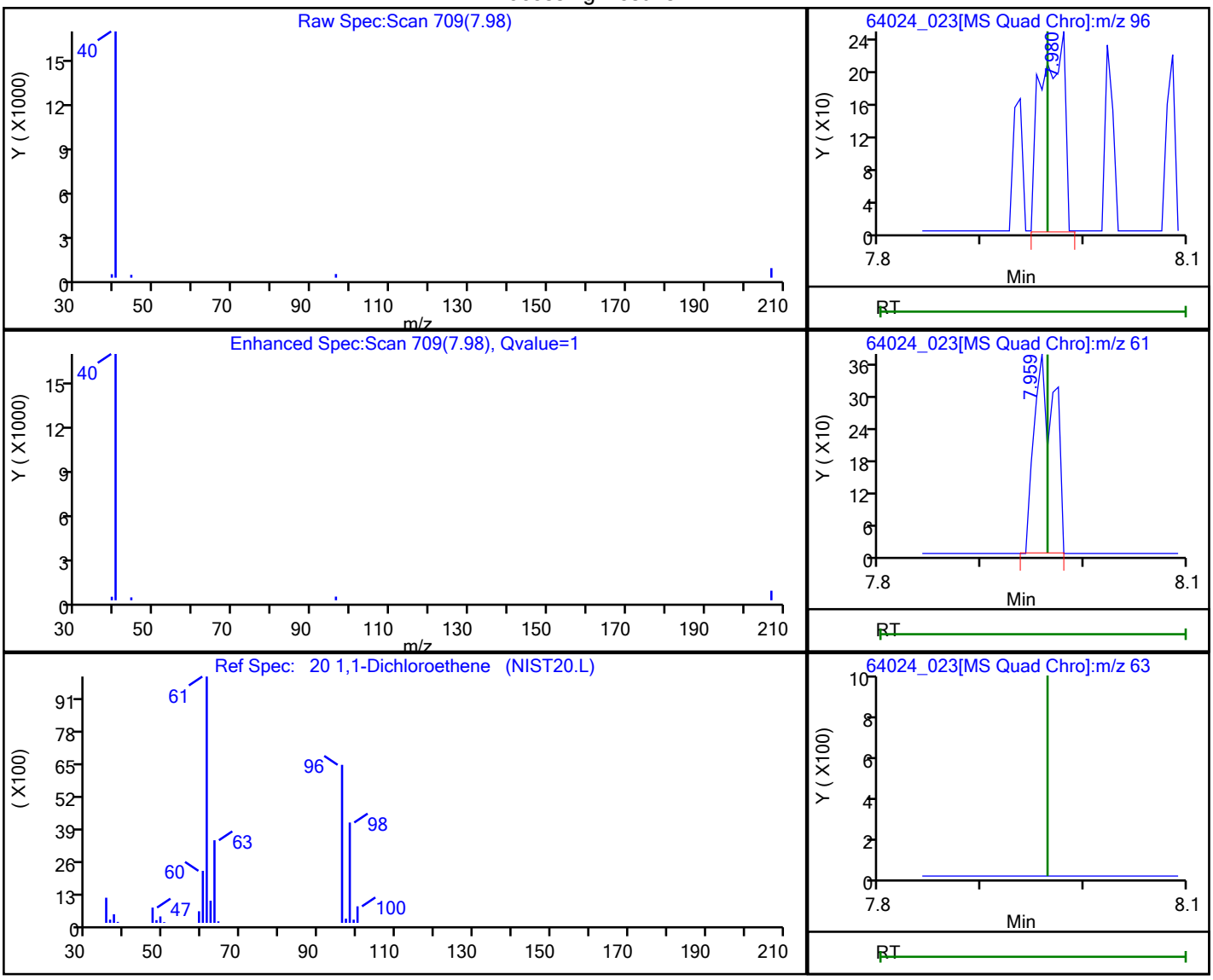
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_023.D				
Injection Date:	18-Feb-2025 03:48:53	Instrument ID:	CHAN.i		
Lims ID:	200-76939-A-4	Lab Sample ID:	200-76939-4		
Client ID:	5721				
Operator ID:	wrd	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.98	96.00	391	0.008037
7.96	61.00	528	
7.96	63.00	0	

Reviewer: BKZ7, 18-Feb-2025 07:18:31 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3340 Lab Sample ID: 200-76939-5

Matrix: Air Lab File ID: 64024_024.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 04:49

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3340 | Lab Sample ID: 200-76939-5

Matrix: Air | Lab File ID: 64024_024.D

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2025 04:49

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213675 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U *-	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3340 Lab Sample ID: 200-76939-5

Matrix: Air Lab File ID: 64024_024.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 04:49

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_024.D
Lims ID: 200-76939-A-5
Client ID: 3340
Sample Type: Client
Inject. Date: 18-Feb-2025 04:49:52 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064024-024
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Feb-2025 03:34:49 Calib Date: 12-Feb-2025 04:41:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250211-63972.b\63972_018.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: BKZ7 Date: 18-Feb-2025 07:17:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.348				ND	7
2 Dichlorodifluoromethane	85		4.444				ND	
3 Chlorodifluoromethane	51		4.487				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
5 Chloromethane	50		4.926				ND	7
6 Vinyl chloride	62		5.220				ND	
7 Butane	43		5.225				ND	7
8 Butadiene	54		5.332				ND	7
9 Bromomethane	94		6.054				ND	
10 Chloroethane	64		6.322				ND	
13 Vinyl bromide	106		6.744				ND	
14 Trichlorofluoromethane	101		6.910				ND	
16 Ethanol	45		7.258				ND	
20 1,1-Dichloroethene	96		7.964				ND	7
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.007				ND	
22 Acetone	43		8.018				ND	7
23 Isopropyl alcohol	45		8.307				ND	7
24 Carbon disulfide	76		8.371				ND	7
26 3-Chloro-1-propene	41		8.649				ND	7
27 Methylene Chloride	49		8.879				ND	7
28 2-Methyl-2-propanol	59		9.072				ND	
30 trans-1,2-Dichloroethene	61		9.377				ND	7
31 Methyl tert-butyl ether	73		9.382				ND	7
32 Hexane	57		9.901				ND	7
33 1,1-Dichloroethane	63		10.136				ND	
34 Vinyl acetate	43		10.142				ND	7
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
36 2-Butanone (MEK)	72		11.088				ND	
37 cis-1,2-Dichloroethene	96		11.126				ND	7
38 Ethyl acetate	88		11.179				ND	
* 39 Chlorobromomethane	128	11.532	11.533	-0.001	88	332209	10.0	
40 Tetrahydrofuran	42		11.575				ND	7

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.709				ND	
	42 1,1,1-Trichloroethane	97		12.025				ND	7
	43 Cyclohexane	84		12.175				ND	
	44 Carbon tetrachloride	117		12.308				ND	
	45 Benzene	78		12.645				ND	7
	46 1,2-Dichloroethane	62		12.709				ND	
	47 Isooctane	57		12.881				ND	
	48 n-Heptane	43		13.186				ND	7
*	49 1,4-Difluorobenzene	114	13.372	13.378	-0.006	99	1762177	10.0	
	51 Trichloroethene	95		13.812				ND	
	53 1,2-Dichloropropane	63		14.261				ND	
	54 Methyl methacrylate	69		14.347				ND	
	55 1,4-Dioxane	88		14.384				ND	
	57 Dibromomethane	174	14.421	14.410	0.005	74	676	0.0165	
	58 Dichlorobromomethane	83		14.721				ND	
	59 cis-1,3-Dichloropropene	75		15.529				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.780				ND	
	62 Toluene	92		16.176				ND	7
	66 trans-1,3-Dichloropropene	75		16.572				ND	
	67 1,1,2-Trichloroethane	83		16.947				ND	
	68 Tetrachloroethene	166		17.171				ND	
	69 2-Hexanone	43		17.358				ND	
	70 Chlorodibromomethane	129		17.685				ND	
	71 Ethylene Dibromide	107		17.926				ND	
*	73 Chlorobenzene-d5	117	18.840	18.846	-0.006	97	1521830	10.0	
	74 Chlorobenzene	112		18.905				ND	
	75 Ethylbenzene	91		19.097				ND	7
	76 m-Xylene & p-Xylene	106		19.365				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.135				ND	
	79 Styrene	104		20.167				ND	
	81 Bromoform	173		20.499				ND	
	82 Isopropylbenzene	105		20.825				ND	7
	83 1,1,2,2-Tetrachloroethane	83		21.323				ND	7
	85 N-Propylbenzene	91		21.537				ND	7
	86 2-Chlorotoluene	91		21.681				ND	7
	87 4-Ethyltoluene	105		21.729				ND	7
	88 1,3,5-Trimethylbenzene	105		21.825				ND	7
	91 tert-Butylbenzene	119		22.307				ND	
	92 1,2,4-Trimethylbenzene	105		22.393				ND	7
	93 sec-Butylbenzene	105		22.628				ND	7
	94 1,3-Dichlorobenzene	146		22.799				ND	7
	95 4-Isopropyltoluene	119		22.842				ND	7
	96 1,4-Dichlorobenzene	146		22.938				ND	7
	97 Benzyl chloride	91		23.077				ND	
	98 n-Butylbenzene	91		23.398				ND	7
	99 1,2-Dichlorobenzene	146		23.425				ND	7
	102 1,2,4-Trichlorobenzene	180		25.870				ND	
	103 Hexachlorobutadiene	225		26.127				ND	
	104 Naphthalene	128		26.346				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15ClSs_00012 Amount Added: 20.00 Units: mL Run Reagent

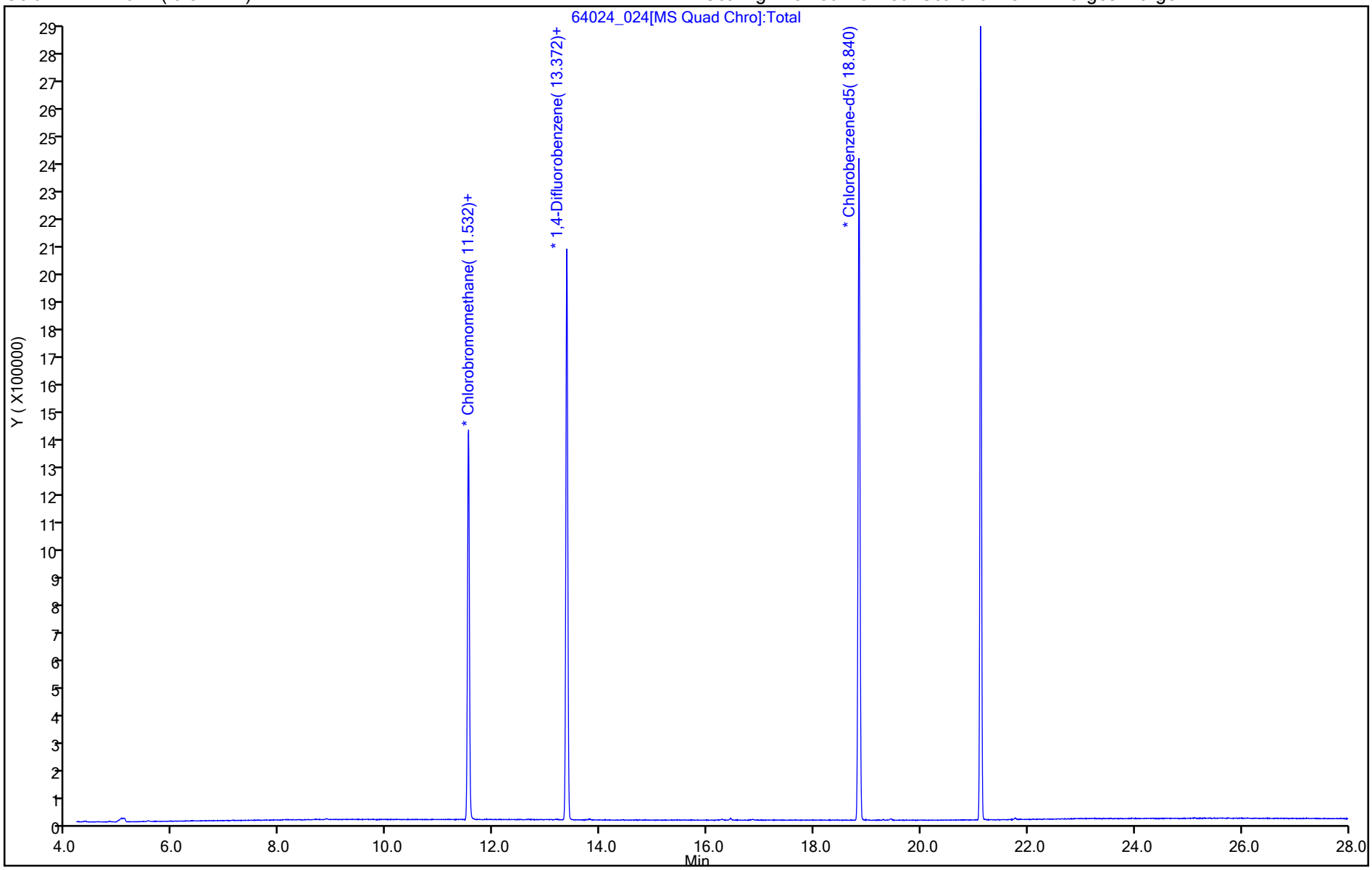
Report Date: 18-Feb-2025 07:17:57 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_024.D

Injection Date:	18-Feb-2025 04:49:52	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76939-A-5	Lab Sample ID:	200-76939-5	Worklist Smp#:	24
Client ID:	3340				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	23
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3210 Lab Sample ID: 200-76939-6

Matrix: Air Lab File ID: 64038_019.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 23:08

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213709 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3210 Lab Sample ID: 200-76939-6

Matrix: Air Lab File ID: 64038_019.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 23:08

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213709 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3210 Lab Sample ID: 200-76939-6

Matrix: Air Lab File ID: 64038_019.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 23:08

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213709 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250218-64038.b\64038_019.D
Lims ID: 200-76939-A-6
Client ID: 3210
Sample Type: Client
Inject. Date: 18-Feb-2025 23:08:48 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064038-019
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250218-64038.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Feb-2025 14:22:57 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: YWL8 Date: 19-Feb-2025 14:22:57

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.272				ND	7
	2 Dichlorodifluoromethane	85		4.374				ND	
	3 Chlorodifluoromethane	51		4.422				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.743				ND	
	5 Chloromethane	50		4.872				ND	7
	7 Butane	43		5.177				ND	7
	6 Vinyl chloride	62		5.177				ND	
	8 Butadiene	54		5.294				ND	
	9 Bromomethane	94		6.043				ND	
	10 Chloroethane	64		6.321				ND	
	13 Vinyl bromide	106		6.755				ND	
	14 Trichlorofluoromethane	101		6.915				ND	
	16 Ethanol	45		7.322				ND	
	20 1,1-Dichloroethene	96		8.007				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
	22 Acetone	43		8.098				ND	7
	23 Isopropyl alcohol	45	8.424	8.403	0.022	97	44023	0.6132	
	24 Carbon disulfide	76		8.408				ND	
	26 3-Chloro-1-propene	41		8.718				ND	7
	27 Methylene Chloride	49		8.959				ND	7
	28 2-Methyl-2-propanol	59		9.189				ND	
	30 trans-1,2-Dichloroethene	61		9.456				ND	7
	31 Methyl tert-butyl ether	73		9.456				ND	
	32 Hexane	57		9.965				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.243				ND	
	34 Vinyl acetate	43		10.248				ND	
	36 2-Butanone (MEK)	72		11.233				ND	
	37 cis-1,2-Dichloroethene	96		11.254				ND	
	38 Ethyl acetate	88		11.307				ND	
*	39 Chlorobromomethane	128	11.672	11.671	0.001	96	307857	10.0	
	40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.987				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1487804	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.426				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.560				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.902				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.972				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.331				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.882				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.001	91	1322509	10.0	
	74 Chlorobenzene	112		19.091				ND	
	75 Ethylbenzene	91		19.279				ND	MU
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.830				ND	
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.440				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.761				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.078				ND	
	103 Hexachlorobutadiene	225		26.324				ND	
	104 Naphthalene	128		26.576				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004	Amount Added:	20.00	Units: mL	Run Reagent

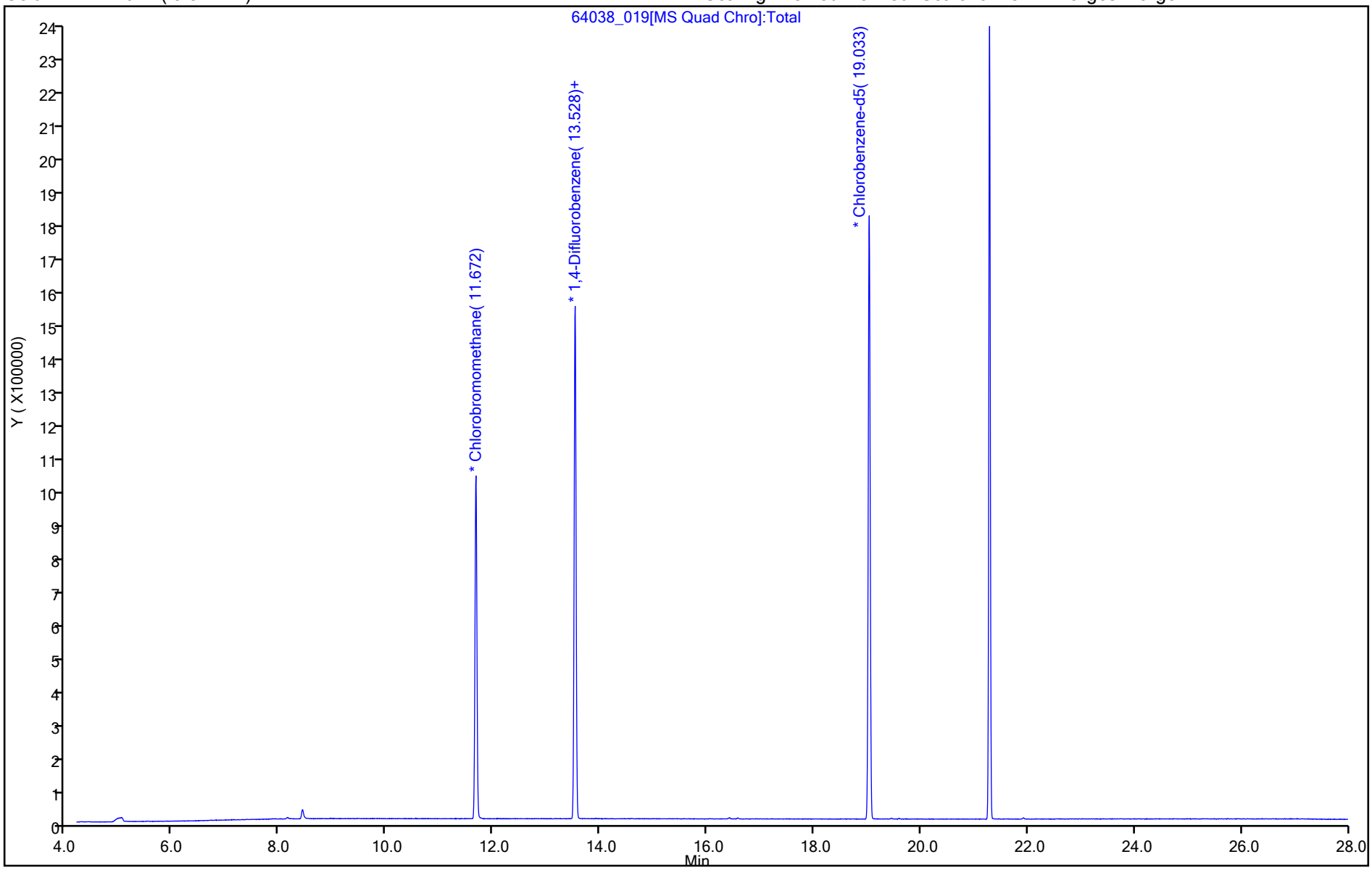
Report Date: 19-Feb-2025 14:22:58 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250218-64038.b\64038_019.D

Injection Date:	18-Feb-2025 23:08:48	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76939-A-6	Lab Sample ID:	200-76939-6	Worklist Smp#:	19
Client ID:	3210				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	18
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



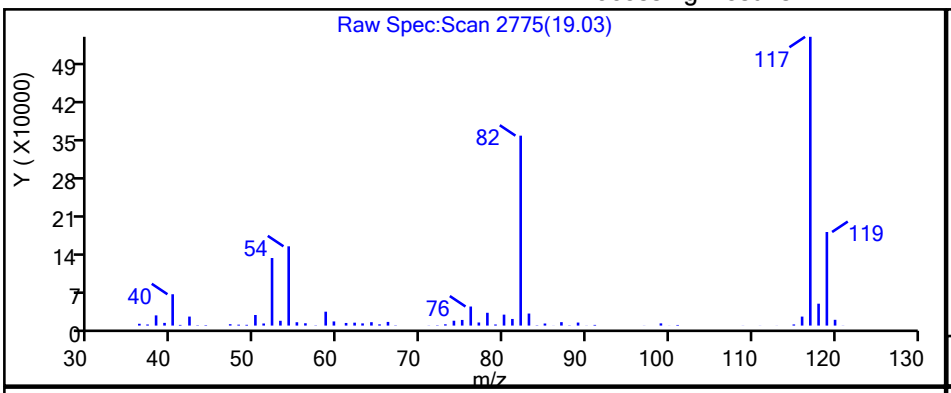
User Disabled Compound Report

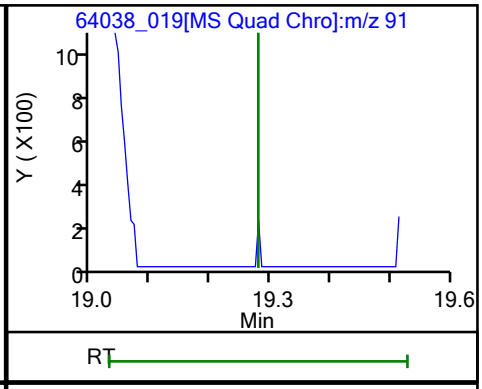
Eurofins Burlington

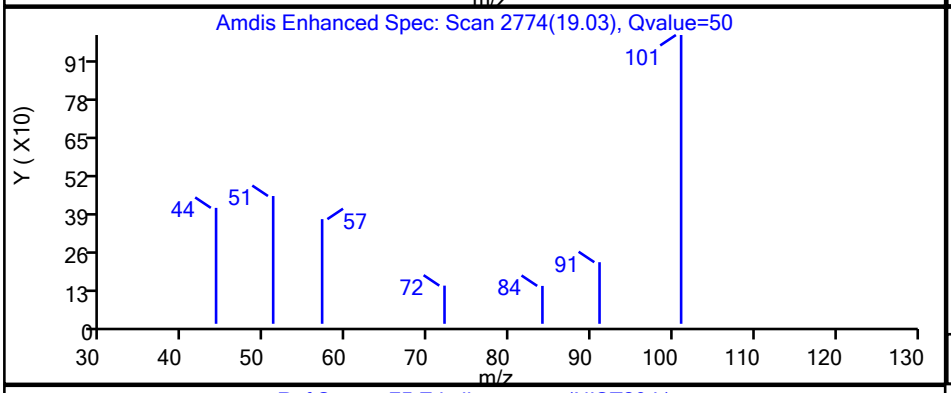
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250218-64038.b\64038_019.D				
Injection Date:	18-Feb-2025 23:08:48	Instrument ID:	CHAM.i		
Lims ID:	200-76939-A-6	Lab Sample ID:	200-76939-6		
Client ID:	3210				
Operator ID:	vtp	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

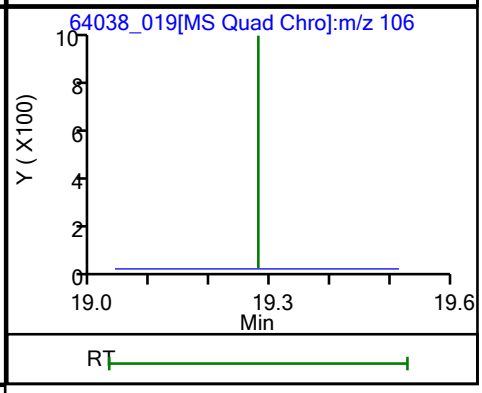
75 Ethylbenzene, CAS: 100-41-4

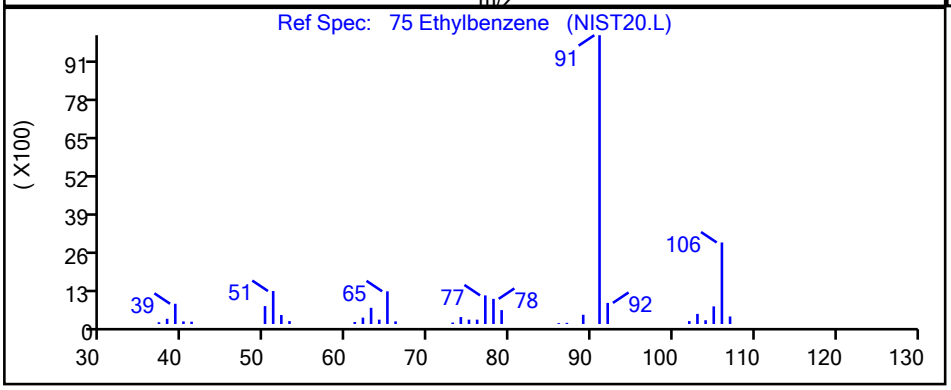
Processing Results











RT	Mass	Response	Amount
19.03	91.00	3066	0.014329
19.28	106.00	0	

Reviewer: YWL8, 19-Feb-2025 14:22:50 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5628 | Lab Sample ID: 200-76939-7

Matrix: Air | Lab File ID: 64051_026.D

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/20/2025 05:46

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213741 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5628 Lab Sample ID: 200-76939-7

Matrix: Air Lab File ID: 64051_026.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/20/2025 05:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213741 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5628 Lab Sample ID: 200-76939-7

Matrix: Air Lab File ID: 64051_026.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/20/2025 05:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213741 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250219-64051.b\64051_026.D
Lims ID: 200-76939-A-7
Client ID: 5628
Sample Type: Client
Inject. Date: 20-Feb-2025 05:46:22 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064051-026
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250219-64051.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 20-Feb-2025 08:26:20 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: BKZ7 Date: 20-Feb-2025 08:26:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.278				ND	MU
2 Dichlorodifluoromethane	85		4.374				ND	
3 Chlorodifluoromethane	51		4.428				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
5 Chloromethane	50		4.877				ND	MU
7 Butane	43	5.204	5.177	0.027	97	12401	0.1705	
6 Vinyl chloride	62		5.182				ND	
8 Butadiene	54		5.294				ND	
9 Bromomethane	94		6.049				ND	
10 Chloroethane	64		6.327				ND	
13 Vinyl bromide	106		6.755				ND	
14 Trichlorofluoromethane	101		6.921				ND	
16 Ethanol	45		7.327				ND	
20 1,1-Dichloroethene	96		8.007				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
22 Acetone	43		8.098				ND	7
23 Isopropyl alcohol	45		8.408				ND	
24 Carbon disulfide	76	8.413	8.413	0.000	99	5949	0.0449	
26 3-Chloro-1-propene	41		8.718				ND	
27 Methylene Chloride	49		8.959				ND	7
28 2-Methyl-2-propanol	59		9.189				ND	
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57	9.965	9.965	0.000	89	6793	0.0947	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
33 1,1-Dichloroethane	63		10.243				ND	
34 Vinyl acetate	43		10.248				ND	
36 2-Butanone (MEK)	72		11.233				ND	
37 cis-1,2-Dichloroethene	96		11.254				ND	
38 Ethyl acetate	88		11.308				ND	
* 39 Chlorobromomethane	128	11.671	11.671	0.000	96	294249	10.0	
40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43	13.292	13.298	-0.006	93	3921	0.0465	
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1422995	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.560				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	7
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.764				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.326				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.883				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	91	1259958	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.825				ND	
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.762				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.078				ND	
	103 Hexachlorobutadiene	225		26.324				ND	
	104 Naphthalene	128		26.576				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004	Amount Added:	20.00	Units: mL	Run Reagent

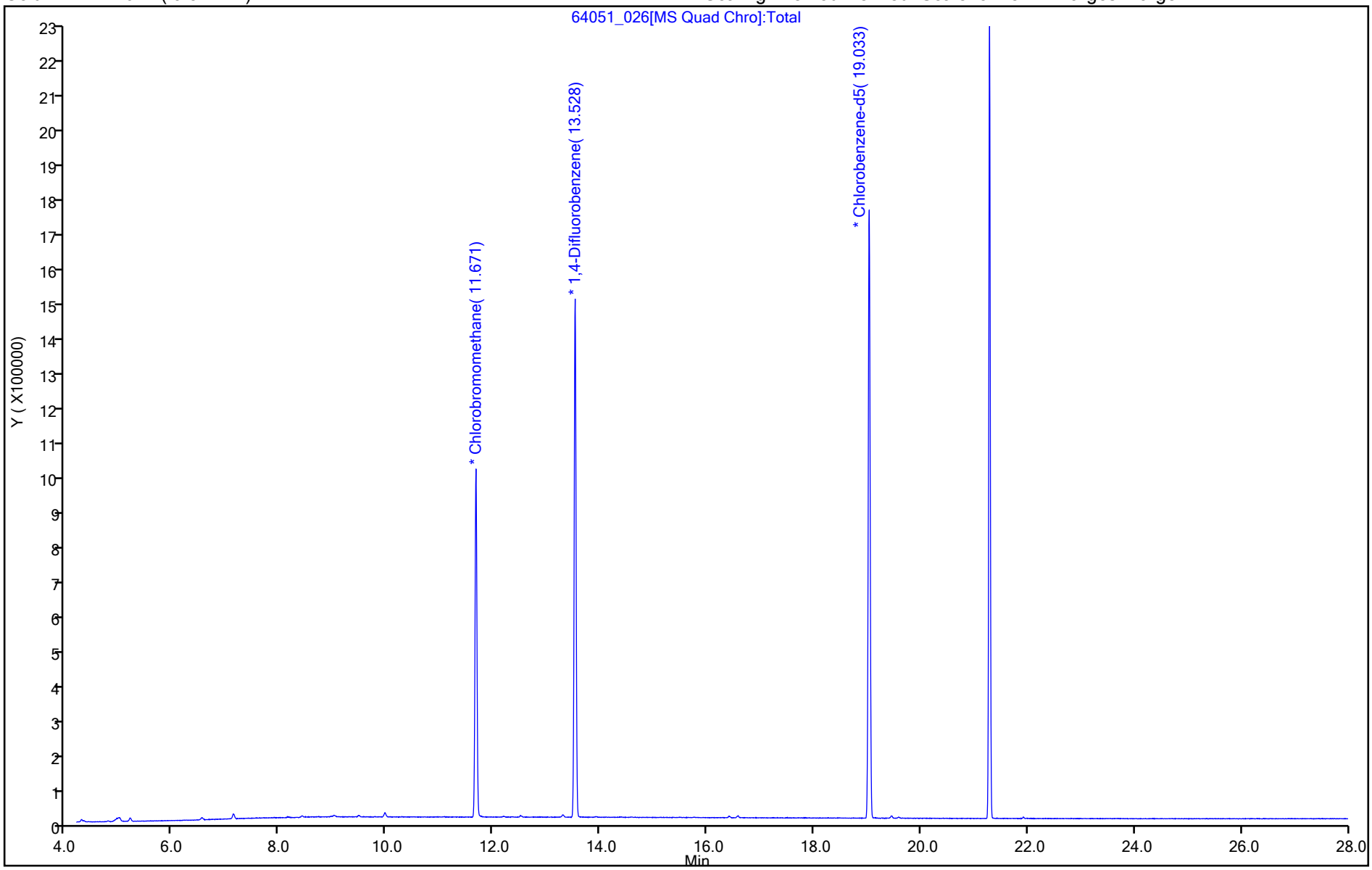
Report Date: 20-Feb-2025 08:26:20 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250219-64051.b\64051_026.D

Injection Date:	20-Feb-2025 05:46:22	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76939-A-7	Lab Sample ID:	200-76939-7	Worklist Smp#:	26
Client ID:	5628				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	25
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



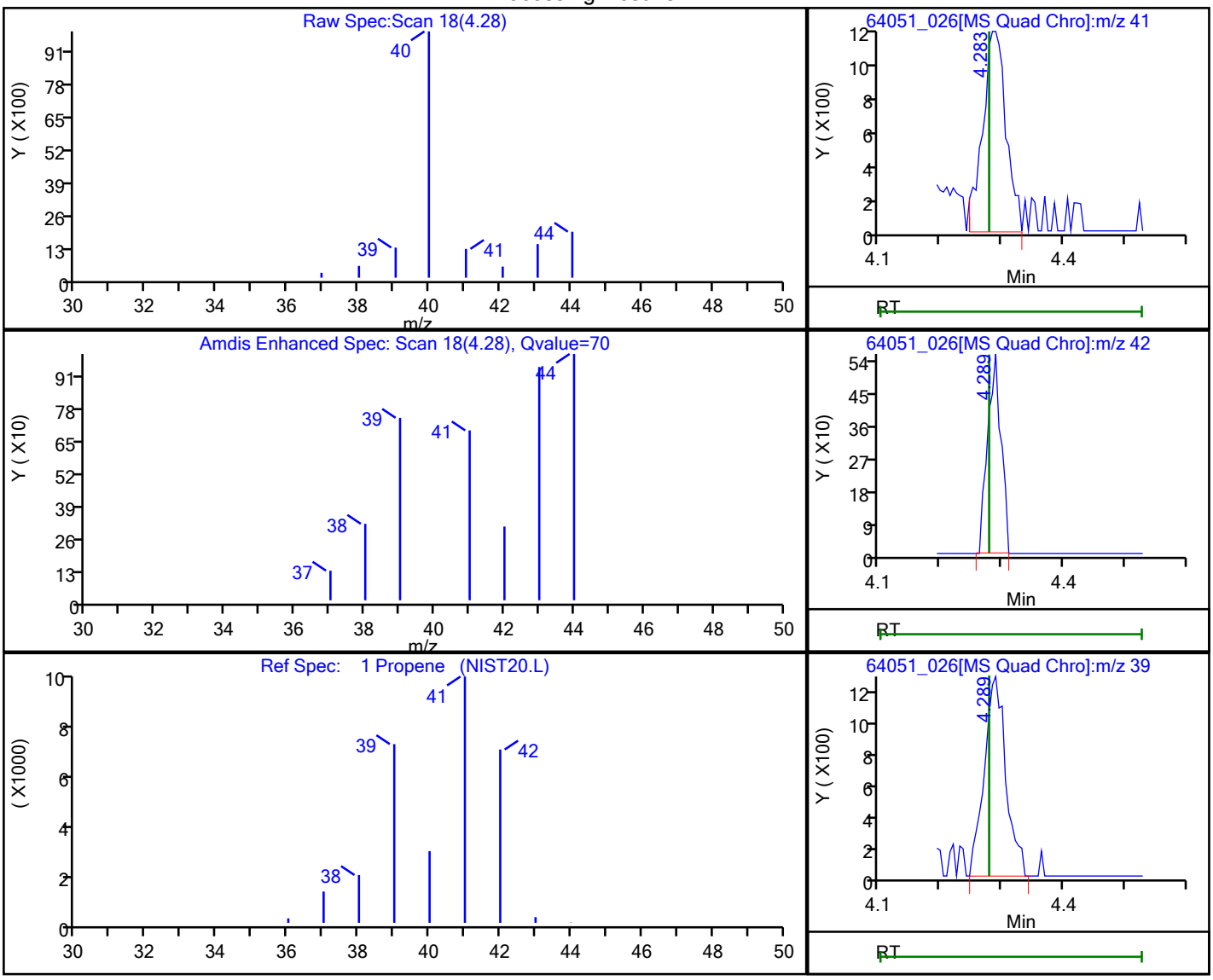
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250219-64051.b\64051_026.D				
Injection Date:	20-Feb-2025 05:46:22	Instrument ID:	CHAM.i		
Lims ID:	200-76939-A-7	Lab Sample ID:	200-76939-7		
Client ID:	5628				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
4.28	41.00	3079	0.137452
4.29	42.00	849	
4.29	39.00	3117	

Reviewer: BKZ7, 20-Feb-2025 08:26:00 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

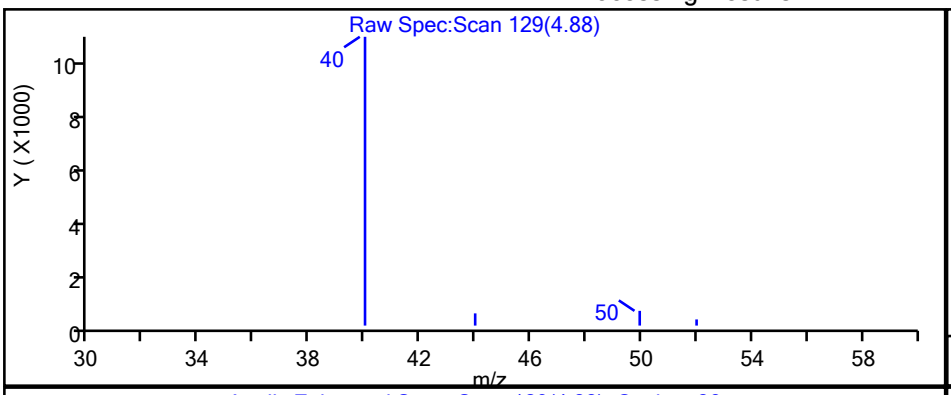
User Disabled Compound Report

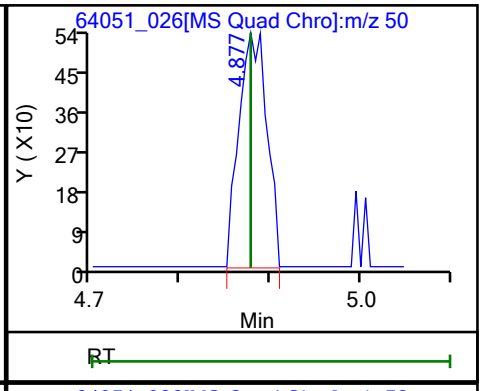
Eurofins Burlington

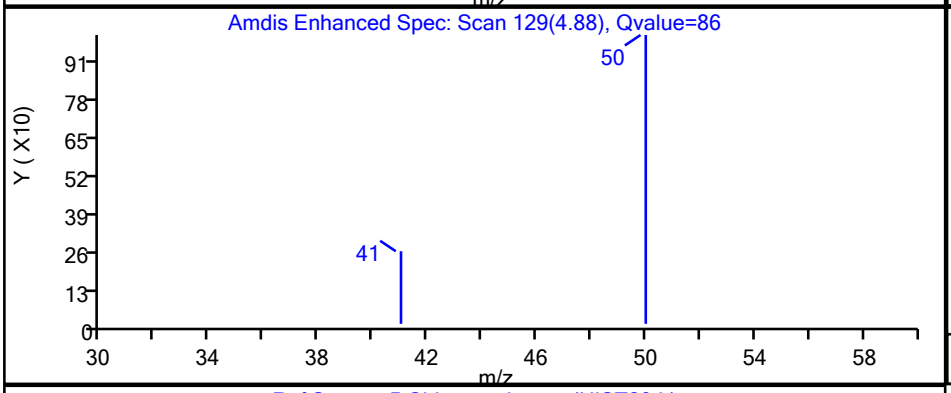
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250219-64051.b\64051_026.D				
Injection Date:	20-Feb-2025 05:46:22	Instrument ID:	CHAM.i		
Lims ID:	200-76939-A-7	Lab Sample ID:	200-76939-7		
Client ID:	5628				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

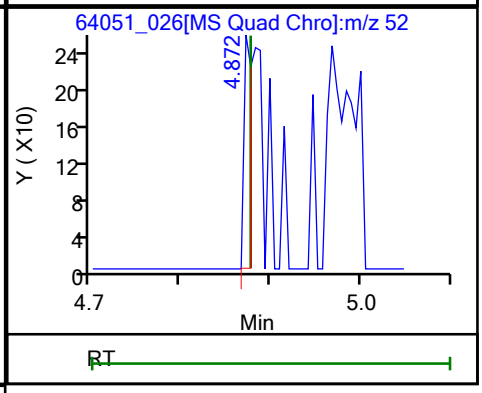
5 Chloromethane, CAS: 74-87-3

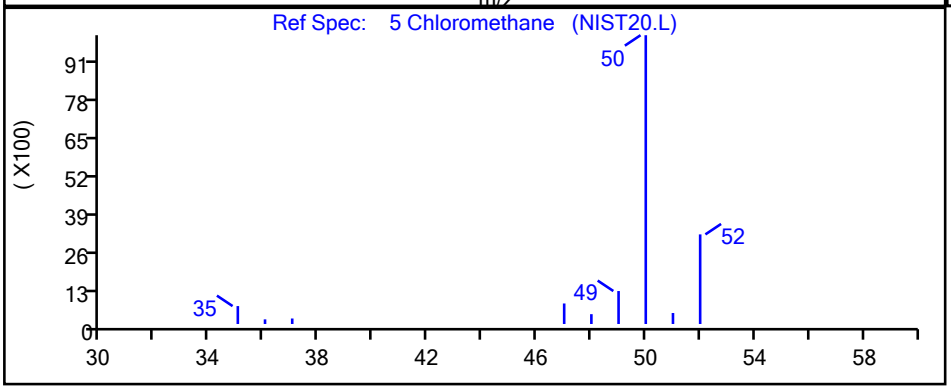
Processing Results











RT	Mass	Response	Amount
4.88	50.00	1165	0.036875
4.87	52.00	155	

Reviewer: BKZ7, 20-Feb-2025 08:26:06 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 2862 Lab Sample ID: 200-76939-8

Matrix: Air Lab File ID: 64039-19.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 23:39

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 2862 | Lab Sample ID: 200-76939-8

Matrix: Air | Lab File ID: 64039-19.d

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2025 23:39

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213710 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 2862 Lab Sample ID: 200-76939-8

Matrix: Air Lab File ID: 64039-19.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 23:39

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-19.d
Lims ID: 200-76939-A-8
Client ID: 2862
Sample Type: Client
Inject. Date: 18-Feb-2025 23:39:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064039-019
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Feb-2025 14:26:58 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: YWL8 Date: 19-Feb-2025 14:26:58

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.072				ND	7
	2 Dichlorodifluoromethane	85		4.157				ND	
	3 Chlorodifluoromethane	51		4.200				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.500				ND	
	5 Chloromethane	50		4.618				ND	7
	6 Vinyl chloride	62		4.906				ND	
	7 Butane	43		4.912				ND	7
	8 Butadiene	54		5.019				ND	
	9 Bromomethane	94		5.762				ND	
	10 Chloroethane	64		6.057				ND	
	13 Vinyl bromide	106		6.533				ND	
	14 Trichlorofluoromethane	101		6.715				ND	
	16 Ethanol	45		7.153				ND	
	20 1,1-Dichloroethene	96		7.956				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.004				ND	
	22 Acetone	43		8.041				ND	7
	23 Isopropyl alcohol	45		8.400				ND	
	24 Carbon disulfide	76	8.448	8.452	0.000	1	873	0.0175	
	26 3-Chloro-1-propene	41		8.785				ND	
	27 Methylene Chloride	49	9.074	9.067	0.011	93	1302	0.0675	
	28 2-Methyl-2-propanol	59		9.315				ND	
	30 trans-1,2-Dichloroethene	61		9.673				ND	
	31 Methyl tert-butyl ether	73		9.678				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	32 Hexane	57		10.278				ND	
	33 1,1-Dichloroethane	63		10.572				ND	
	34 Vinyl acetate	43		10.582				ND	
	36 2-Butanone (MEK)	72		11.674				ND	
	37 cis-1,2-Dichloroethene	96		11.711				ND	
	38 Ethyl acetate	88		11.770				ND	
*	39 Chlorobromomethane	128	12.177	12.171	0.006	96	130989	10.0	
	40 Tetrahydrofuran	42		12.225				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		12.364				ND	
	42 1,1,1-Trichloroethane	97		12.712				ND	
	43 Cyclohexane	84		12.878				ND	
	44 Carbon tetrachloride	117		13.027				ND	
	45 Benzene	78		13.396				ND	
	46 1,2-Dichloroethane	62		13.471				ND	
	47 Isooctane	57		13.632				ND	
	48 n-Heptane	43		13.958				ND	7
*	49 1,4-Difluorobenzene	114	14.188	14.183	0.005	95	611497	10.0	
	51 Trichloroethene	95		14.654				ND	
	53 1,2-Dichloropropane	63		15.135				ND	
	54 Methyl methacrylate	69		15.210				ND	
	55 1,4-Dioxane	88		15.263				ND	
	57 Dibromomethane	174		15.306				ND	
	58 Dichlorobromomethane	83		15.622				ND	
	59 cis-1,3-Dichloropropene	75		16.462				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		16.713				ND	
	62 Toluene	92		17.136				ND	
	66 trans-1,3-Dichloropropene	75		17.548				ND	
	67 1,1,2-Trichloroethane	83		17.938				ND	
	68 Tetrachloroethene	166		18.168				ND	
	69 2-Hexanone	43		18.340				ND	
	70 Chlorodibromomethane	129		18.714				ND	
	71 Ethylene Dibromide	107		18.971				ND	
*	73 Chlorobenzene-d5	117	19.902	19.902	0.000	87	532253	10.0	
	74 Chlorobenzene	112		19.961				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	75 Ethylbenzene	91		20.142				ND	MU
	76 m-Xylene & p-Xylene	106		20.399				ND	
	78 o-Xylene	106		21.105				ND	
	79 Styrene	104		21.137				ND	
	81 Bromoform	173		21.458				ND	
	82 Isopropylbenzene	105		21.726				ND	
	83 1,1,2,2-Tetrachloroethane	83		22.186				ND	
	85 N-Propylbenzene	91		22.384				ND	
	86 2-Chlorotoluene	91		22.534				ND	
	87 4-Ethyltoluene	105		22.566				ND	
	88 1,3,5-Trimethylbenzene	105		22.651				ND	
	91 tert-Butylbenzene	119		23.111				ND	
	92 1,2,4-Trimethylbenzene	105		23.197				ND	
	93 sec-Butylbenzene	105		23.432				ND	
	94 1,3-Dichlorobenzene	146		23.625				ND	
	95 4-Isopropyltoluene	119		23.646				ND	
	96 1,4-Dichlorobenzene	146		23.775				ND	
	97 Benzyl chloride	91		23.919				ND	
	98 n-Butylbenzene	91		24.246				ND	
	99 1,2-Dichlorobenzene	146		24.310				ND	
	102 1,2,4-Trichlorobenzene	180		27.022				ND	
	103 Hexachlorobutadiene	225		27.295				ND	
	104 Naphthalene	128		27.578				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15WISs_00010	Amount Added:	20.00	Units: mL	Run Reagent

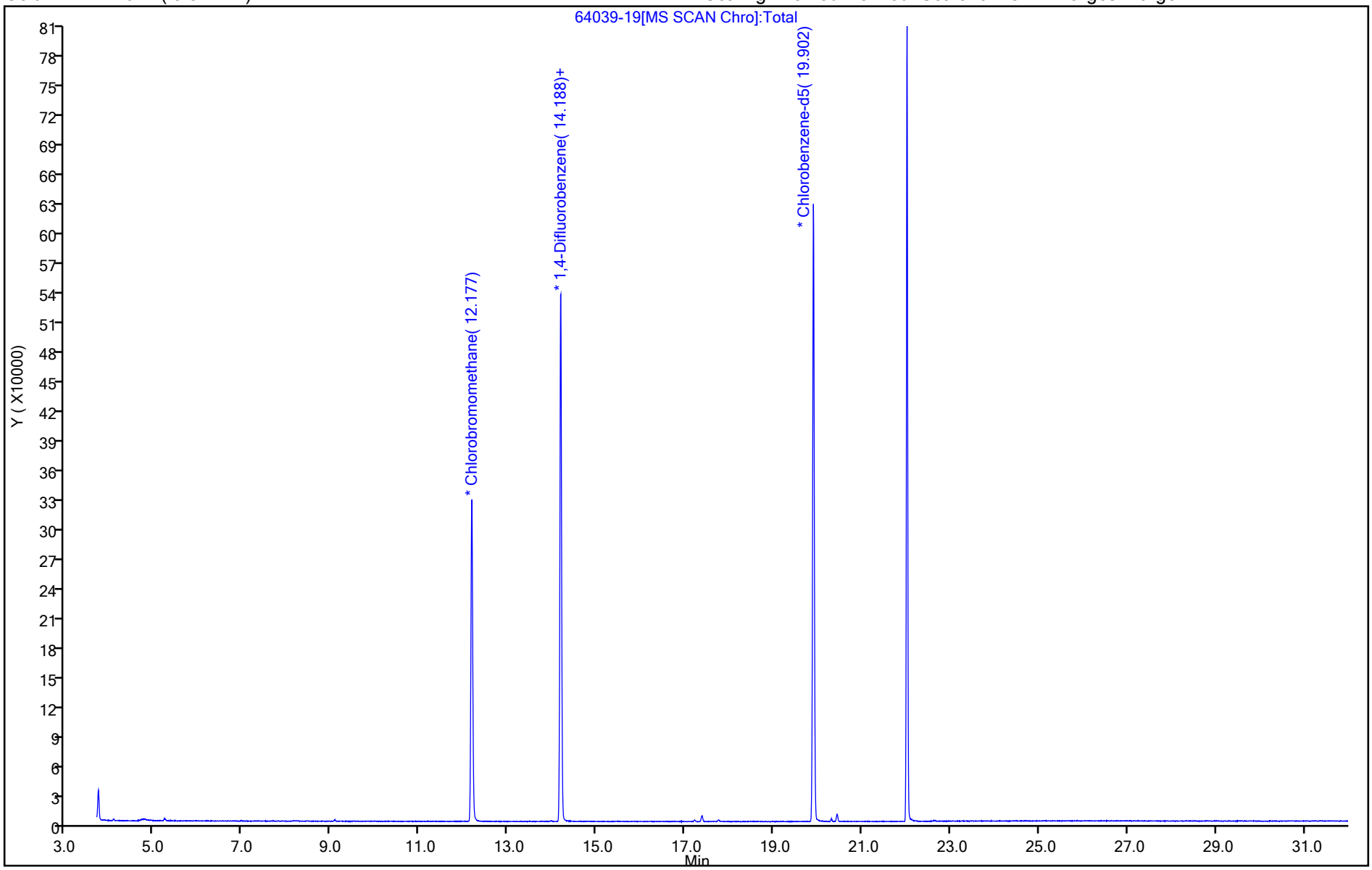
Report Date: 19-Feb-2025 14:26:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-19.d

Injection Date:	18-Feb-2025 23:39:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-76939-A-8	Lab Sample ID:	200-76939-8	Worklist Smp#:	19
Client ID:	2862				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	18
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



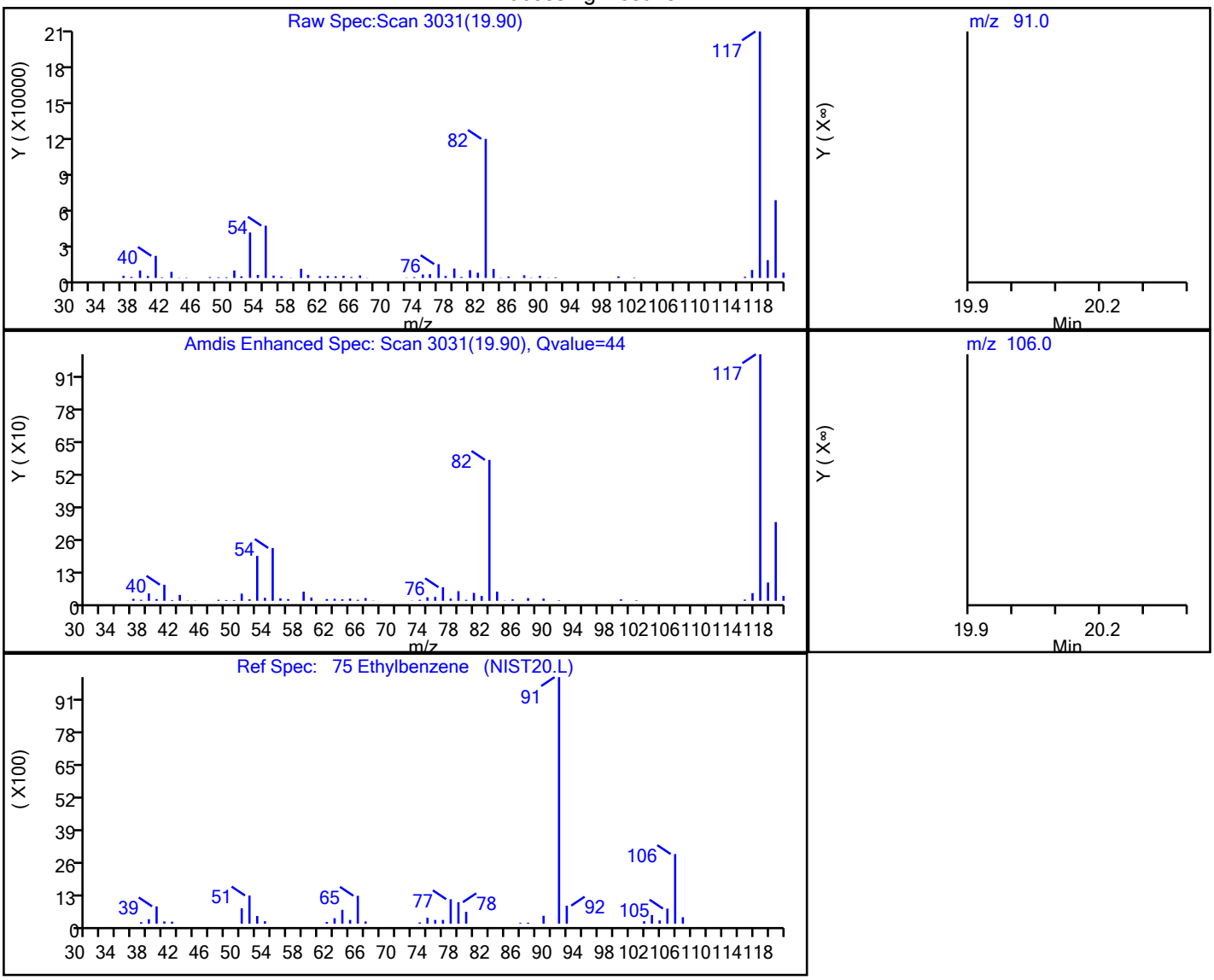
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-19.d				
Injection Date:	18-Feb-2025 23:39:30	Instrument ID:	CHW.i		
Lims ID:	200-76939-A-8	Lab Sample ID:	200-76939-8		
Client ID:	2862				
Operator ID:	vtp	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.90	91.00	1026	0.013183
20.14	106.00	0	

Reviewer: YWL8, 19-Feb-2025 14:26:50 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 4819 | Lab Sample ID: 200-76939-9

Matrix: Air | Lab File ID: 64039-20.d

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/19/2025 00:44

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213710 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 4819 Lab Sample ID: 200-76939-9

Matrix: Air Lab File ID: 64039-20.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/19/2025 00:44

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 4819 Lab Sample ID: 200-76939-9

Matrix: Air Lab File ID: 64039-20.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/19/2025 00:44

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-20.d
Lims ID: 200-76939-A-9
Client ID: 4819
Sample Type: Client
Inject. Date: 19-Feb-2025 00:44:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064039-020
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Feb-2025 14:27:52 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: YWL8 Date: 19-Feb-2025 14:27:52

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	4.077	4.074	0.005	92	1759	0.1276	
	2 Dichlorodifluoromethane	85		4.157				ND	
	3 Chlorodifluoromethane	51		4.200				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.500				ND	
	5 Chloromethane	50	4.612	4.620	-0.006	38	608	0.0390	
	6 Vinyl chloride	62		4.906				ND	
	7 Butane	43		4.912				ND	7
	8 Butadiene	54		5.019				ND	
	9 Bromomethane	94		5.762				ND	
	10 Chloroethane	64		6.057				ND	
	13 Vinyl bromide	106		6.533				ND	
	14 Trichlorofluoromethane	101		6.715				ND	
	16 Ethanol	45		7.153				ND	
	20 1,1-Dichloroethene	96		7.956				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.004				ND	
	22 Acetone	43		8.041				ND	
	23 Isopropyl alcohol	45		8.400				ND	7
	24 Carbon disulfide	76	8.453	8.452	0.005	97	1662	0.0321	
	26 3-Chloro-1-propene	41		8.785				ND	
	27 Methylene Chloride	49	9.063	9.063	0.000	88	1405	0.0703	M
	28 2-Methyl-2-propanol	59		9.315				ND	
	30 trans-1,2-Dichloroethene	61		9.673				ND	
	31 Methyl tert-butyl ether	73		9.678				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	32 Hexane	57		10.278				ND	
	33 1,1-Dichloroethane	63		10.572				ND	
	34 Vinyl acetate	43		10.582				ND	
	36 2-Butanone (MEK)	72		11.674				ND	
	37 cis-1,2-Dichloroethene	96		11.711				ND	
	38 Ethyl acetate	88		11.770				ND	
*	39 Chlorobromomethane	128	12.177	12.171	0.006	95	135760	10.0	
	40 Tetrahydrofuran	42		12.225				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		12.364				ND	
	42 1,1,1-Trichloroethane	97		12.712				ND	
	43 Cyclohexane	84		12.878				ND	
	44 Carbon tetrachloride	117		13.027				ND	
	45 Benzene	78		13.396				ND	
	46 1,2-Dichloroethane	62		13.471				ND	
	47 Isooctane	57		13.632				ND	
	48 n-Heptane	43		13.958				ND	
*	49 1,4-Difluorobenzene	114	14.188	14.183	0.005	95	649656	10.0	
	51 Trichloroethene	95		14.654				ND	
	53 1,2-Dichloropropane	63		15.135				ND	
	54 Methyl methacrylate	69		15.210				ND	
	55 1,4-Dioxane	88		15.263				ND	
	57 Dibromomethane	174		15.306				ND	
	58 Dichlorobromomethane	83		15.622				ND	
	59 cis-1,3-Dichloropropene	75		16.462				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		16.713				ND	
	62 Toluene	92		17.136				ND	
	66 trans-1,3-Dichloropropene	75		17.548				ND	
	67 1,1,2-Trichloroethane	83		17.938				ND	
	68 Tetrachloroethene	166		18.168				ND	
	69 2-Hexanone	43		18.340				ND	
	70 Chlorodibromomethane	129		18.714				ND	
	71 Ethylene Dibromide	107		18.971				ND	
*	73 Chlorobenzene-d5	117	19.902	19.902	0.000	87	557940	10.0	
	74 Chlorobenzene	112		19.961				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	75 Ethylbenzene	91		20.142				ND	MU
	76 m-Xylene & p-Xylene	106		20.399				ND	
	78 o-Xylene	106		21.105				ND	
	79 Styrene	104		21.137				ND	
	81 Bromoform	173		21.458				ND	
	82 Isopropylbenzene	105		21.726				ND	
	83 1,1,2,2-Tetrachloroethane	83		22.186				ND	7
	85 N-Propylbenzene	91		22.384				ND	
	86 2-Chlorotoluene	91		22.534				ND	
	87 4-Ethyltoluene	105		22.566				ND	
	88 1,3,5-Trimethylbenzene	105		22.651				ND	
	91 tert-Butylbenzene	119		23.111				ND	
	92 1,2,4-Trimethylbenzene	105		23.197				ND	
	93 sec-Butylbenzene	105		23.432				ND	
	94 1,3-Dichlorobenzene	146		23.625				ND	
	95 4-Isopropyltoluene	119		23.646				ND	
	96 1,4-Dichlorobenzene	146		23.775				ND	
	97 Benzyl chloride	91		23.919				ND	
	98 n-Butylbenzene	91		24.246				ND	
	99 1,2-Dichlorobenzene	146		24.310				ND	
	102 1,2,4-Trichlorobenzene	180		27.022				ND	
	103 Hexachlorobutadiene	225		27.295				ND	
	104 Naphthalene	128		27.578				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

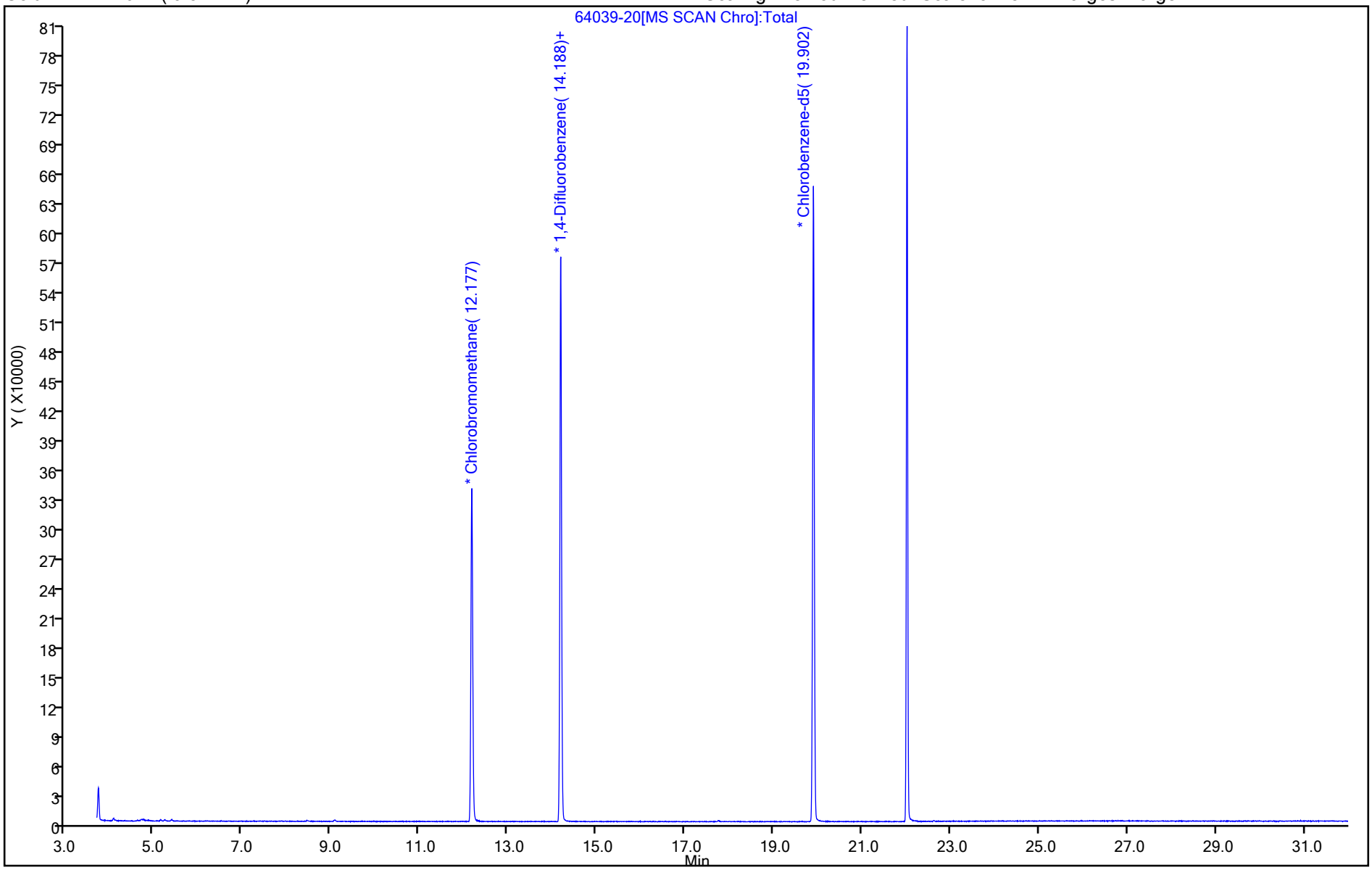
Report Date: 19-Feb-2025 14:27:53 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-20.d

Injection Date:	19-Feb-2025 00:44:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-76939-A-9	Lab Sample ID:	200-76939-9	Worklist Smp#:	20
Client ID:	4819				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	19
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

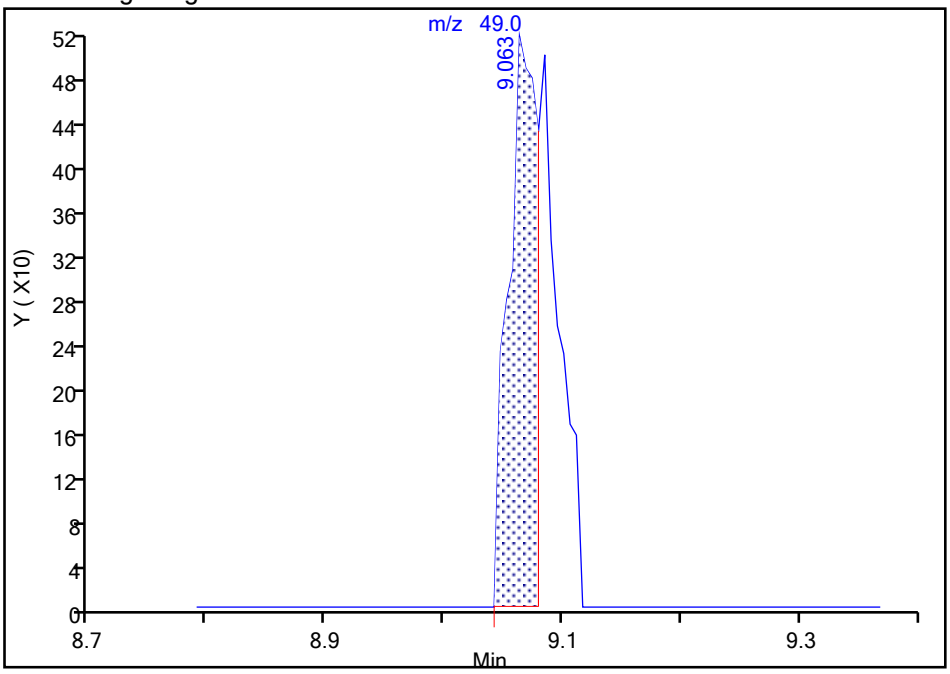
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-20.d				
Injection Date:	19-Feb-2025 00:44:30	Instrument ID:	CHW.i		
Lims ID:	200-76939-A-9	Lab Sample ID:	200-76939-9		
Client ID:	4819				
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

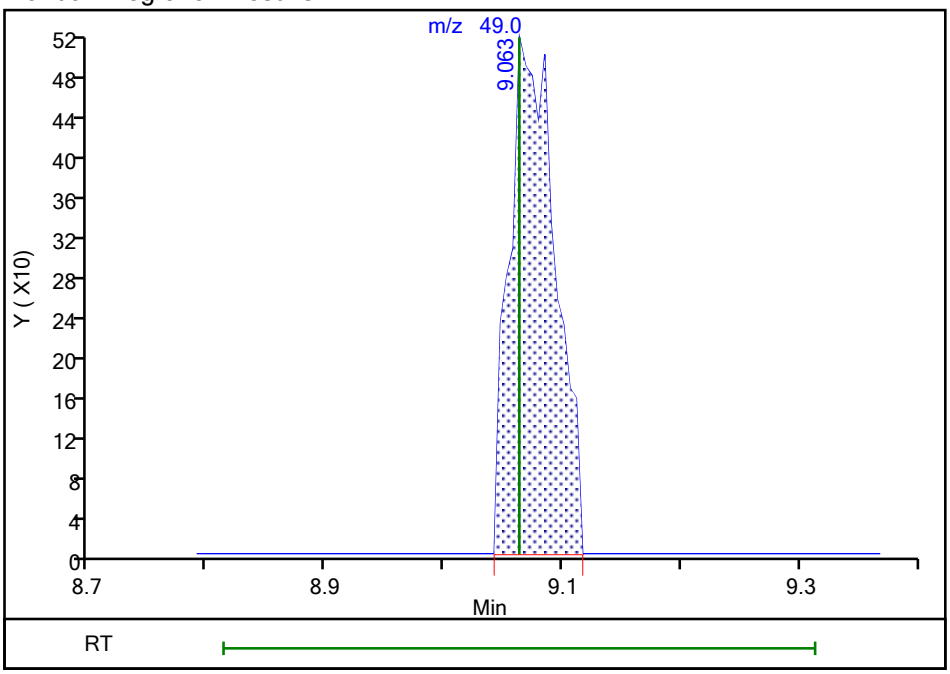
Processing Integration Results

RT: 9.06
Area: 878
Amount: 0.043950
Amount Units: ppb v/v



Manual Integration Results

RT: 9.06
Area: 1405
Amount: 0.070330
Amount Units: ppb v/v



Reviewer: YWL8, 19-Feb-2025 14:27:28 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

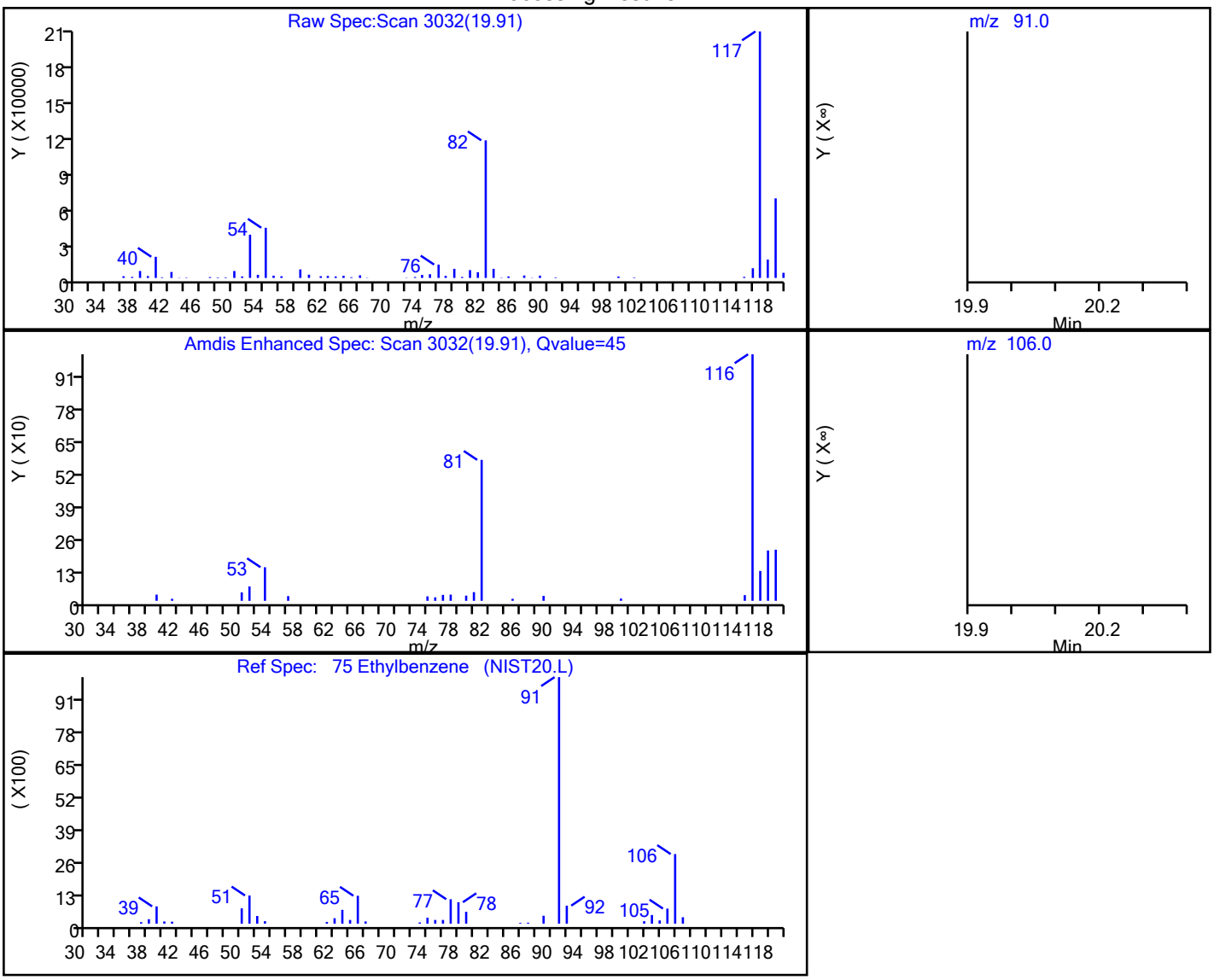
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-20.d				
Injection Date:	19-Feb-2025 00:44:30	Instrument ID:	CHW.i		
Lims ID:	200-76939-A-9	Lab Sample ID:	200-76939-9		
Client ID:	4819				
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.91	91.00	1195	0.014648
20.14	106.00	0	

Reviewer: YWL8, 19-Feb-2025 14:27:42 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 4369 Lab Sample ID: 200-76939-10

Matrix: Air Lab File ID: 64039-21.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/19/2025 01:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 4369 Lab Sample ID: 200-76939-10

Matrix: Air Lab File ID: 64039-21.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/19/2025 01:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 4369 Lab Sample ID: 200-76939-10

Matrix: Air Lab File ID: 64039-21.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/19/2025 01:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-21.d
Lims ID: 200-76939-A-10
Client ID: 4369
Sample Type: Client
Inject. Date: 19-Feb-2025 01:48:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064039-021
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Feb-2025 15:59:30 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: YWL8 Date: 19-Feb-2025 15:59:30

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.072				ND	7
	2 Dichlorodifluoromethane	85		4.157				ND	
	3 Chlorodifluoromethane	51		4.200				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.500				ND	
	5 Chloromethane	50		4.618				ND	
	6 Vinyl chloride	62		4.906				ND	
	7 Butane	43		4.912				ND	7
	8 Butadiene	54		5.019				ND	
	9 Bromomethane	94		5.762				ND	
	10 Chloroethane	64		6.057				ND	
	13 Vinyl bromide	106		6.533				ND	
	14 Trichlorofluoromethane	101		6.715				ND	
	16 Ethanol	45		7.153				ND	
	20 1,1-Dichloroethene	96		7.956				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.004				ND	
	22 Acetone	43		8.041				ND	
	23 Isopropyl alcohol	45		8.400				ND	
	24 Carbon disulfide	76	8.448	8.448	0.000	99	22306	0.4299	
	26 3-Chloro-1-propene	41		8.785				ND	
	27 Methylene Chloride	49	9.085	9.063	0.022	86	1449	0.0724	
	28 2-Methyl-2-propanol	59		9.315				ND	
	30 trans-1,2-Dichloroethene	61		9.673				ND	
	31 Methyl tert-butyl ether	73		9.678				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	32 Hexane	57		10.278				ND	
	33 1,1-Dichloroethane	63		10.572				ND	
	34 Vinyl acetate	43		10.582				ND	
	36 2-Butanone (MEK)	72		11.674				ND	
	37 cis-1,2-Dichloroethene	96		11.711				ND	
	38 Ethyl acetate	88		11.770				ND	
*	39 Chlorobromomethane	128	12.172	12.171	0.001	95	135924	10.0	
	40 Tetrahydrofuran	42		12.225				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		12.364				ND	
	42 1,1,1-Trichloroethane	97		12.712				ND	
	43 Cyclohexane	84		12.878				ND	
	44 Carbon tetrachloride	117		13.027				ND	
	45 Benzene	78		13.396				ND	
	46 1,2-Dichloroethane	62		13.471				ND	
	47 Isooctane	57		13.632				ND	
	48 n-Heptane	43		13.958				ND	
*	49 1,4-Difluorobenzene	114	14.188	14.183	0.005	95	656820	10.0	
	51 Trichloroethene	95		14.654				ND	
	53 1,2-Dichloropropane	63		15.135				ND	
	54 Methyl methacrylate	69		15.210				ND	
	55 1,4-Dioxane	88		15.263				ND	
	57 Dibromomethane	174		15.306				ND	
	58 Dichlorobromomethane	83		15.622				ND	
	59 cis-1,3-Dichloropropene	75		16.462				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		16.713				ND	
	62 Toluene	92		17.136				ND	
	66 trans-1,3-Dichloropropene	75		17.548				ND	
	67 1,1,2-Trichloroethane	83		17.938				ND	
	68 Tetrachloroethene	166		18.168				ND	
	69 2-Hexanone	43		18.340				ND	
	70 Chlorodibromomethane	129		18.714				ND	
	71 Ethylene Dibromide	107		18.971				ND	
*	73 Chlorobenzene-d5	117	19.902	19.902	0.000	87	562767	10.0	
	74 Chlorobenzene	112		19.961				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	75 Ethylbenzene	91		20.142				ND	MU
	76 m-Xylene & p-Xylene	106		20.399				ND	
	78 o-Xylene	106		21.105				ND	
	79 Styrene	104		21.137				ND	
	81 Bromoform	173		21.458				ND	
	82 Isopropylbenzene	105		21.726				ND	
	83 1,1,2,2-Tetrachloroethane	83		22.186				ND	
	85 N-Propylbenzene	91		22.384				ND	
	86 2-Chlorotoluene	91		22.534				ND	
	87 4-Ethyltoluene	105		22.566				ND	
	88 1,3,5-Trimethylbenzene	105		22.651				ND	
	91 tert-Butylbenzene	119		23.111				ND	
	92 1,2,4-Trimethylbenzene	105		23.197				ND	
	93 sec-Butylbenzene	105		23.432				ND	
	94 1,3-Dichlorobenzene	146		23.625				ND	
	95 4-Isopropyltoluene	119		23.646				ND	
	96 1,4-Dichlorobenzene	146		23.775				ND	
	97 Benzyl chloride	91		23.919				ND	
	98 n-Butylbenzene	91		24.246				ND	
	99 1,2-Dichlorobenzene	146		24.310				ND	
	102 1,2,4-Trichlorobenzene	180		27.022				ND	
	103 Hexachlorobutadiene	225		27.295				ND	7
	104 Naphthalene	128		27.578				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

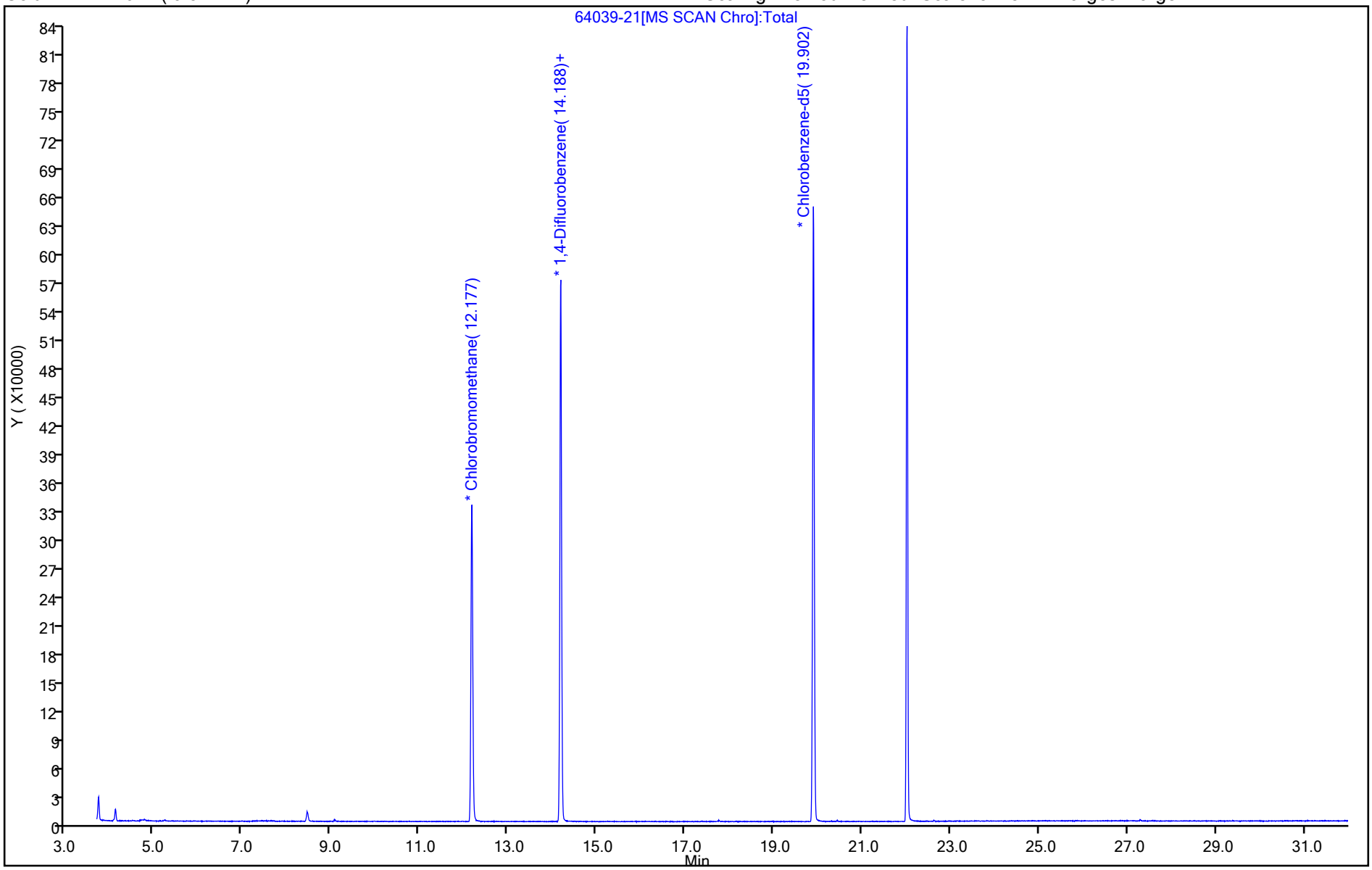
ATTO15WISs_00010	Amount Added:	20.00	Units: mL	Run Reagent

Report Date: 19-Feb-2025 15:59:30 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-21.d				
Injection Date:	19-Feb-2025 01:48:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-76939-A-10	Lab Sample ID:	200-76939-10	Worklist Smp#:	21
Client ID:	4369				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	20
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



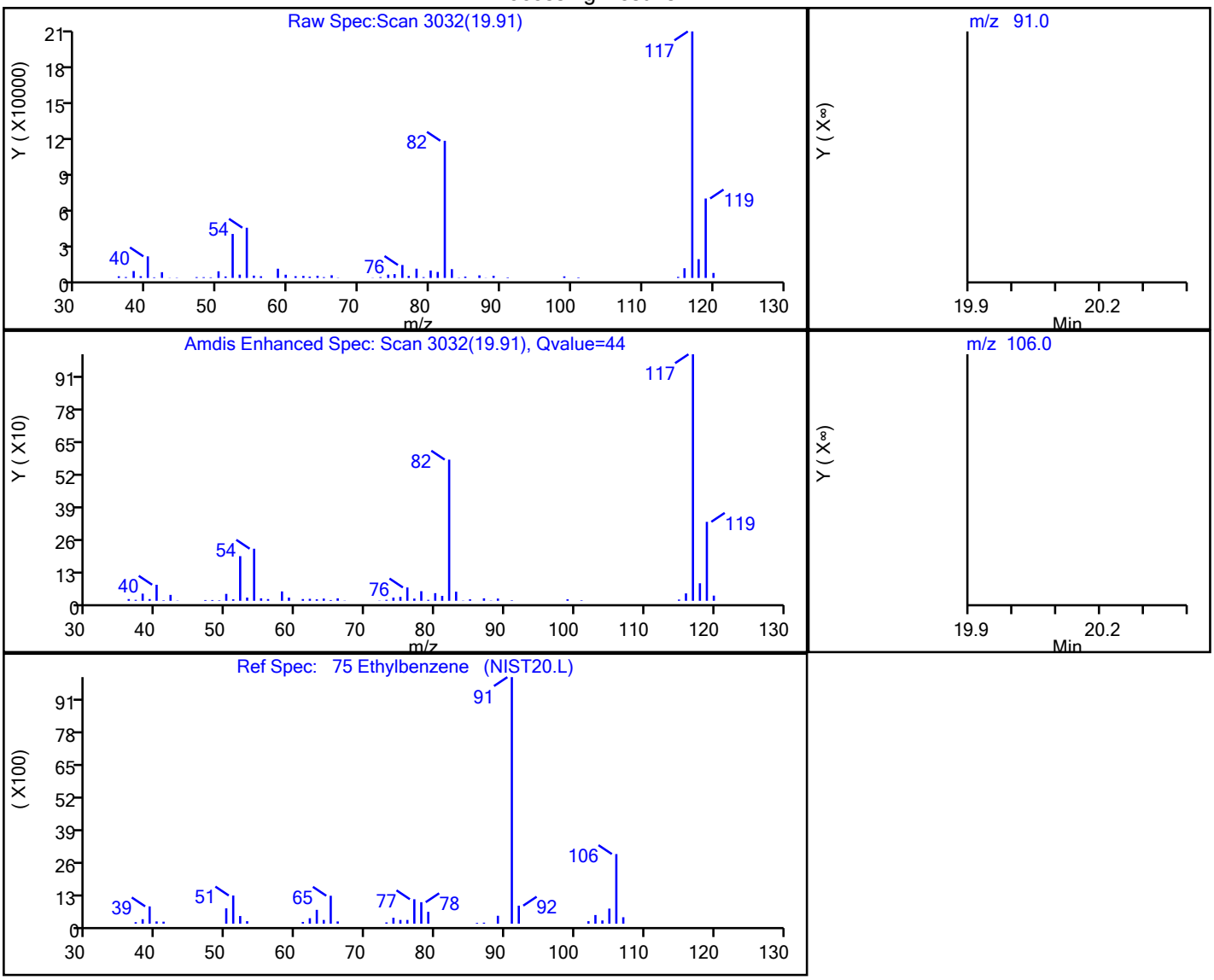
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-21.d				
Injection Date:	19-Feb-2025 01:48:30	Instrument ID:	CHW.i		
Lims ID:	200-76939-A-10	Lab Sample ID:	200-76939-10		
Client ID:	4369				
Operator ID:	vtp	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.91	91.00	1056	0.012833
20.14	106.00	0	

Reviewer: YWL8, 19-Feb-2025 15:59:22 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5398 | Lab Sample ID: 200-76939-11

Matrix: Air | Lab File ID: 64039-07.d

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2025 12:49

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213710 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5398 Lab Sample ID: 200-76939-11

Matrix: Air Lab File ID: 64039-07.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 12:49

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5398 Lab Sample ID: 200-76939-11

Matrix: Air Lab File ID: 64039-07.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 12:49

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-07.d
Lims ID: 200-76939-A-11
Client ID: 5398
Sample Type: Client
Inject. Date: 18-Feb-2025 12:49:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064039-007
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Feb-2025 07:27:35 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: YWL8 Date: 19-Feb-2025 07:27:35

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.072				ND	7
	2 Dichlorodifluoromethane	85		4.157				ND	
	3 Chlorodifluoromethane	51		4.200				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.500				ND	
	5 Chloromethane	50		4.618				ND	7
	6 Vinyl chloride	62		4.906				ND	
	7 Butane	43		4.912				ND	7
	8 Butadiene	54		5.019				ND	
	9 Bromomethane	94		5.762				ND	
	10 Chloroethane	64		6.057				ND	
	13 Vinyl bromide	106		6.533				ND	
	14 Trichlorofluoromethane	101		6.715				ND	
	16 Ethanol	45		7.153				ND	
	20 1,1-Dichloroethene	96		7.956				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.004				ND	
	22 Acetone	43		8.041				ND	7
	23 Isopropyl alcohol	45		8.400				ND	
	24 Carbon disulfide	76		8.448				ND	7
	26 3-Chloro-1-propene	41		8.785				ND	
	27 Methylene Chloride	49	9.074	9.079	0.011	90	1603	0.0740	
	28 2-Methyl-2-propanol	59		9.315				ND	
	30 trans-1,2-Dichloroethene	61		9.673				ND	
	31 Methyl tert-butyl ether	73		9.678				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	32 Hexane	57		10.278				ND	
	33 1,1-Dichloroethane	63		10.572				ND	
	34 Vinyl acetate	43		10.582				ND	
	36 2-Butanone (MEK)	72		11.674				ND	
	37 cis-1,2-Dichloroethene	96		11.711				ND	
	38 Ethyl acetate	88		11.770				ND	
*	39 Chlorobromomethane	128	12.177	12.171	0.006	96	147260	10.0	
	40 Tetrahydrofuran	42		12.225				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Chloroform	83		12.364				ND	
42 1,1,1-Trichloroethane	97		12.712				ND	
43 Cyclohexane	84		12.878				ND	
44 Carbon tetrachloride	117		13.027				ND	
45 Benzene	78		13.396				ND	
46 1,2-Dichloroethane	62		13.471				ND	
47 Isooctane	57		13.632				ND	
48 n-Heptane	43		13.958				ND	
* 49 1,4-Difluorobenzene	114	14.183	14.183	0.000	95	728284	10.0	
51 Trichloroethene	95		14.654				ND	
53 1,2-Dichloropropane	63		15.135				ND	
54 Methyl methacrylate	69		15.210				ND	
55 1,4-Dioxane	88		15.263				ND	
57 Dibromomethane	174		15.306				ND	7
58 Dichlorobromomethane	83		15.622				ND	
59 cis-1,3-Dichloropropene	75		16.462				ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.713				ND	
62 Toluene	92		17.136				ND	
66 trans-1,3-Dichloropropene	75		17.548				ND	
67 1,1,2-Trichloroethane	83		17.938				ND	
68 Tetrachloroethene	166		18.168				ND	
69 2-Hexanone	43		18.340				ND	
70 Chlorodibromomethane	129		18.714				ND	
71 Ethylene Dibromide	107		18.971				ND	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	87	622433	10.0	
74 Chlorobenzene	112		19.961				ND	
S 80 Xylenes, Total	106		20.100				ND	7
75 Ethylbenzene	91		20.142				ND	MU
76 m-Xylene & p-Xylene	106		20.399				ND	
78 o-Xylene	106		21.105				ND	
79 Styrene	104		21.137				ND	
81 Bromoform	173		21.458				ND	
82 Isopropylbenzene	105		21.726				ND	
83 1,1,2,2-Tetrachloroethane	83		22.186				ND	
85 N-Propylbenzene	91		22.384				ND	
86 2-Chlorotoluene	91		22.534				ND	
87 4-Ethyltoluene	105		22.566				ND	
88 1,3,5-Trimethylbenzene	105		22.651				ND	
91 tert-Butylbenzene	119		23.111				ND	
92 1,2,4-Trimethylbenzene	105		23.197				ND	
93 sec-Butylbenzene	105		23.432				ND	
94 1,3-Dichlorobenzene	146		23.625				ND	
95 4-Isopropyltoluene	119		23.646				ND	
96 1,4-Dichlorobenzene	146		23.775				ND	
97 Benzyl chloride	91		23.919				ND	
98 n-Butylbenzene	91		24.246				ND	
99 1,2-Dichlorobenzene	146		24.310				ND	
102 1,2,4-Trichlorobenzene	180		27.022				ND	
103 Hexachlorobutadiene	225		27.295				ND	
104 Naphthalene	128		27.578				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15WISs_00010	Amount Added:	20.00	Units: mL	Run Reagent

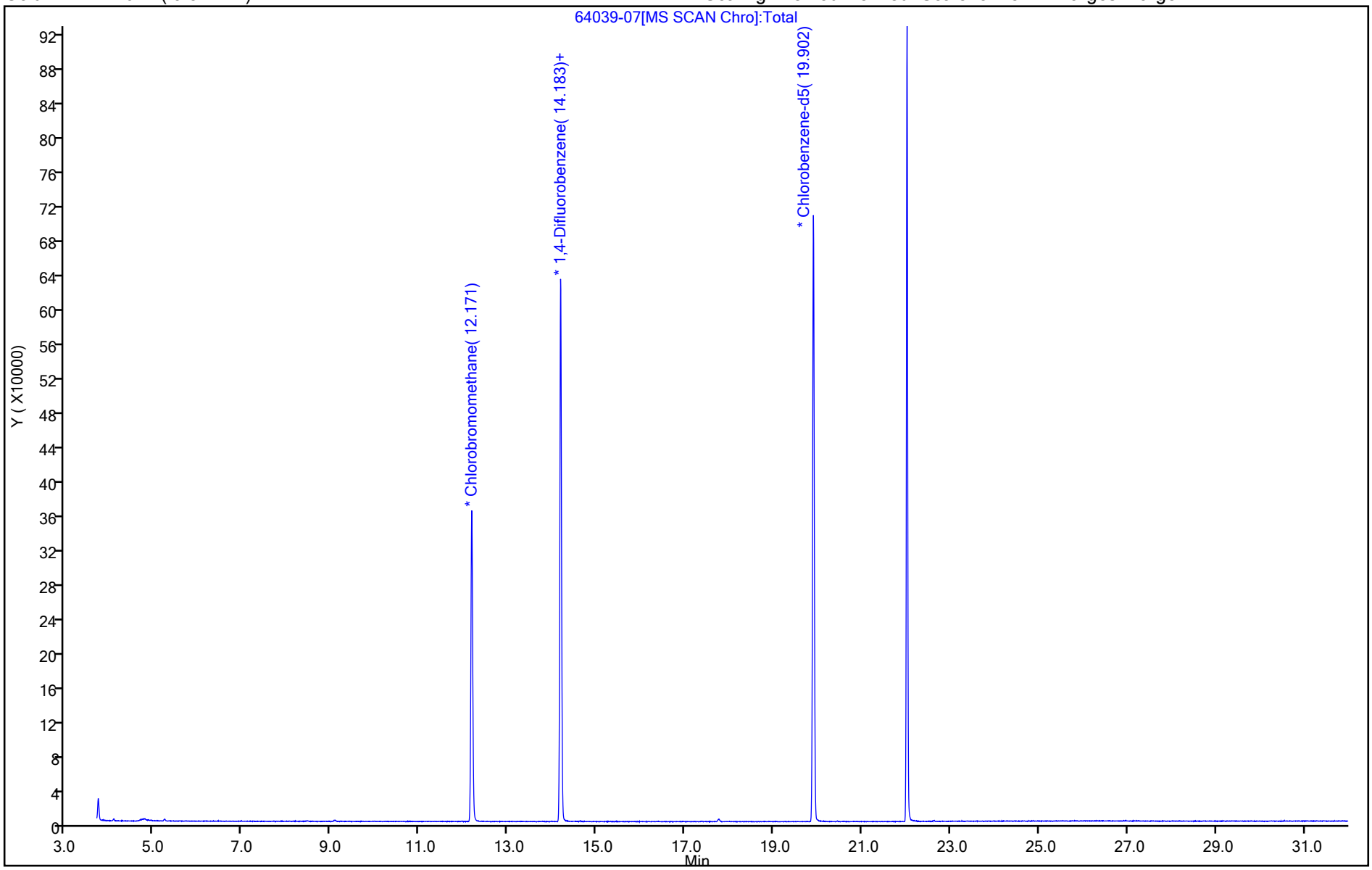
Report Date: 19-Feb-2025 07:27:35 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-07.d

Injection Date:	18-Feb-2025 12:49:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-76939-A-11	Lab Sample ID:	200-76939-11	Worklist Smp#:	7
Client ID:	5398				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	6
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



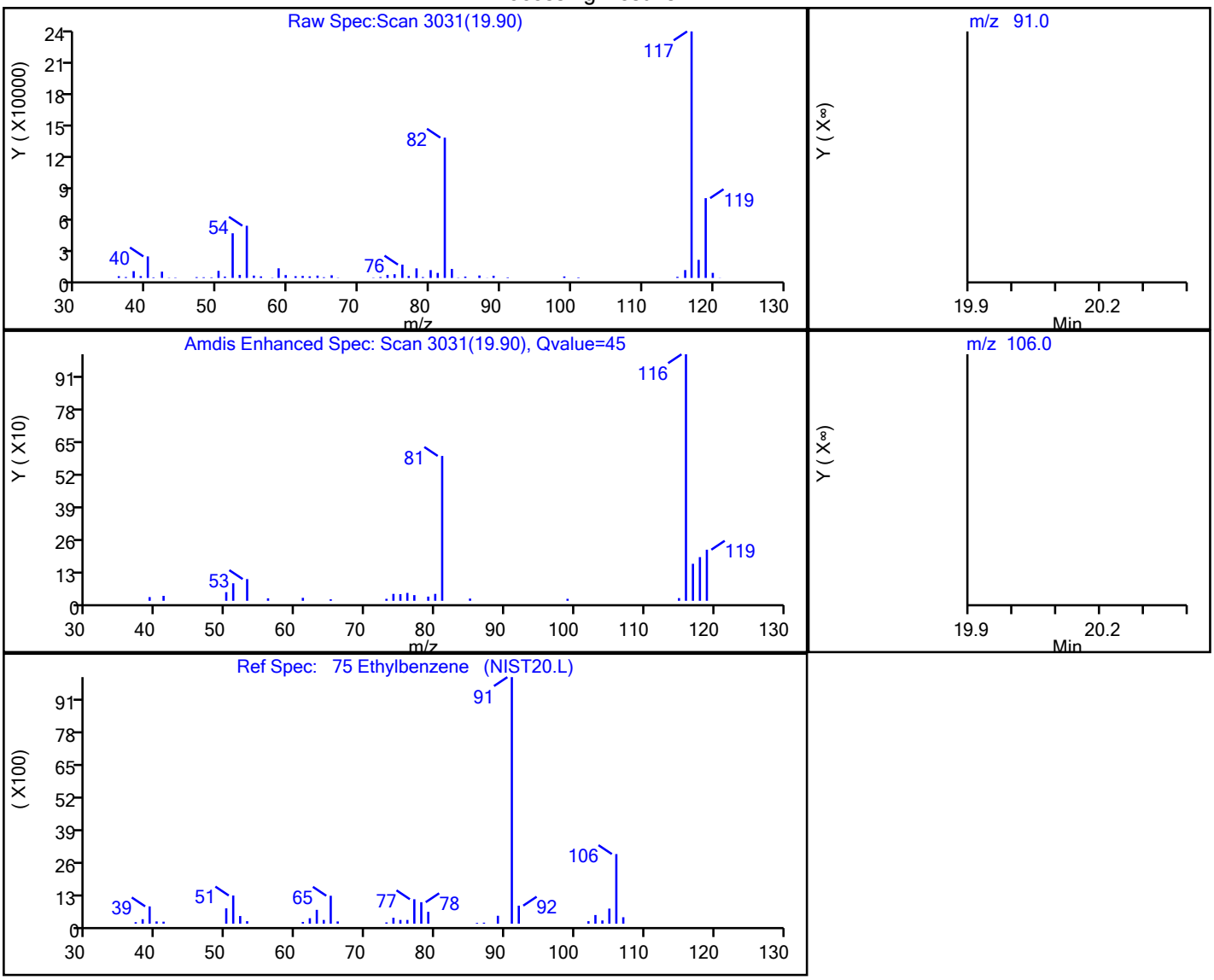
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-07.d				
Injection Date:	18-Feb-2025 12:49:30	Instrument ID:	CHW.i		
Lims ID:	200-76939-A-11	Lab Sample ID:	200-76939-11		
Client ID:	5398				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.90	91.00	1240	0.013625
20.14	106.00	0	

Reviewer: YWL8, 19-Feb-2025 07:27:26 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

H & A OF NEW YORK ENGINEERING
AND GEOLOGY, LLP
213 W 35TH Street
7th Floor
New York, NY 10001
646.277.5685

January 13, 2026
File No. 020125-001

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233

Attention: Sadique Ahmed

Subject: 1885 Atlantic Avenue Redevelopment Site
Post-Remediation Quarterly Progress Report – June 2025
Brooklyn, New York
Brownfield Site #C224347

Dear Mr. Ahmed:

H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) is pleased to submit this report, which documents groundwater monitoring, soil vapor extraction (SVE) system monitoring, and sub-slab depressurization system (SSDS) monitoring activities at the 1885 Atlantic Avenue Redevelopment Site ("Site") for Q2 2025. 1885 Atlantic Realty LLC (the Volunteer) has remediated a 0.250-acre property known as the 1885 Atlantic Avenue Redevelopment Site, designated under Brownfield Cleanup Program (BCP) Site No. C224347. See **Figure 1** for a Site plan.

Purpose

This report summarizes quarterly groundwater monitoring, monthly and quarterly SVE system monitoring, and biannual SSDS monitoring, which are requirements of the New York State Department of Environmental Conservation (NYSDEC)-approved Site Management Plan (SMP) dated September 2024.

An Environmental Easement (EE) package was submitted to NYSDEC and the Kings County Clerk on March 7, 2024. The EE requires compliance with the approved SMP and the Institutional Controls (ICs) placed on the Site. The SMP indicates that upon the completion of the post-remedial sampling and evaluation of the results, a determination will be made if the ICs can be lifted or become permanent. The SMP further indicates that samples will be collected until the EE is terminated in accordance with New York State Environmental Conservation Law (ECL) Article 71, Title 36.

Scope

During monthly monitoring events, SVE system reading collection and a visual inspection were conducted by a qualified person under the supervision of the Remedial Engineer (RE). During quarterly monitoring events, vapor samples were collected from the SVE system, and groundwater samples were collected

from the groundwater monitoring wells to assess the performance of the remedy. During biannual monitoring events, SSDS reading collection and a visual inspection were conducted by a qualified person under the supervision of the RE.

Monitoring Network

Three monitoring wells were used for post-remediation groundwater monitoring, including one upgradient well (MW-6), one cross-gradient well (MW-7), and one downgradient well (MW-8). The monitoring wells are shown on **Figure 2**.

Groundwater Monitoring

Groundwater monitoring has occurred at the Site since the completion of remediation in December 2023. Groundwater remediation included the injection of alkaline-activated persulfate (AP-pH) into the groundwater through six injection wells to reduce elevated petroleum-based volatile organic compound (VOC) and polycyclic aromatic hydrocarbon (PAH) concentrations in the groundwater. A single injection event occurred from September 26, 2023, to September 29, 2023, during which AP-pH was injected into the groundwater via injection points at a depth interval of 60 to 80 feet (ft) below ground surface (bgs). A total of 16,210 pounds of sodium persulfate, 2,017 gallons of 25 percent sodium hydroxide solution, and 8,864 gallons of potable water were mixed to create a 15 percent activated persulfate solution (AP-pH mixed with municipal water).

The Q2 2025 groundwater sampling round was performed on May 1, 2025, using low-flow procedures. Samples were collected and analyzed for Target Compound List (TCL) VOCs by U.S. Environmental Protection Agency (USEPA) Method 8260B. Well purging, sampling, sample containment, chain of custody and sample shipping procedures, and laboratory analyses were completed in accordance with the SMP. Chemical analyses were performed by Eurofins Environmental Testing LLC (Eurofins), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory.

Groundwater Results Summary

Results exceeding the groundwater values listed in the Division of Water Technical and Operational Guidance Series 1.1.1, Ambient Water Quality Standards (AWQS), are summarized as follows:

MW-6 (upgradient): One VOC (tetrachloroethene [PCE]) was detected above its AWQS at a concentration of 42 micrograms per liter (µg/L).

MW-7 (cross-gradient): One VOC (PCE) was detected above the AWQS at a concentration of 44 µg/L.

MW-8 (downgradient): No VOCs were detected above the AWQS.

Results for the May 2025 sampling round are provided in **Table I** and **Figure 2**. The analytical laboratory report is provided as **Appendix A**. An electronic data deliverable (EDD) will be submitted as part of the

2026 Periodic Review Report (PRR) due in May 2026, 16 months following issuance of the certificate of completion issued on December 2, 2024.

SVE System Monitoring

Monthly SVE system maintenance and monitoring were conducted in April, May, and June 2025 in accordance with the NYSDEC-approved SMP. Maintenance and monitoring activities included a visual inspection of system components and collecting flow, photoionization detector (PID), pressure/vacuum, and temperature readings associated with the SVE wells, SVE/SSDS blower, granular-activated carbon drums, and SVE monitoring points. Field forms for each maintenance and monitoring event are included in **Appendix B**.

Quarterly vapor sampling of the SVE system was conducted in June 2025 and included an SVE/SSDS combined influent sample and an SVE/SSDS effluent sample analyzed for VOCs by USEPA Method TO-15. Chemical analyses were performed by Pace Analytical (Pace), an NYSDOH ELAP-certified laboratory. Analytical results will be included in the 2026 PRR.

SSDS Monitoring

Biannual SSDS maintenance and monitoring were conducted in April, May, and June 2025 in accordance with the NYSDEC-approved SMP. Maintenance and monitoring activities included a visual inspection of system components and collecting vacuum readings associated with the sub-slab monitoring points. Field readings are included in **Table II**.

Conclusions

GROUNDWATER

As documented in the NYSDEC-approved Final Engineering Report (FER) dated September 2024, PCE is not considered a Site contaminant as it was not observed during the remedial investigation or used in historical Site operations. Elevated PCE concentrations in the upgradient well (MW-6) and cross-gradient well (MW-7) are attributed to an off-site source. Haley & Aldrich of New York recommends continued quarterly sampling of the three monitoring wells.

SVE SYSTEM

Monthly PID readings and quarterly SVE system vapor samples indicate the system is effectively removing VOC contamination from the subsurface. Haley & Aldrich of New York recommends continued operation and monitoring of the SVE system per the SMP.

SSDS

Biannual monitoring readings indicate some of the sub-slab monitoring points may be clogged with condensation (i.e., MP-3 and MP-4). However, monitoring points further away from the SVE/SSDS blower indicate sufficient vacuum to depressurize the slab (i.e., MP-2, MP-5, and MP-6) and confirm the SSDS is operating effectively. The SVE system is concurrently treating shallow contamination (i.e., 10 to 20 ft below the slab), which also mitigates potential soil vapor intrusion. Additionally, the cellar level is currently used as a garage space and does not have any occupied space. The SSDS will continue to operate and will not be discontinued until written approval is granted by NYSDEC.

Future Monitoring

Future monitoring events in the third quarter of 2025 will include monthly visits for SVE system monitoring, biannual readings for the SSDS, and quarterly visits for groundwater and SVE system sampling.

Please do not hesitate to call if you have any questions or comments.

Sincerely yours,
H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP

Matthew Forshay, P.E.
Assistant Project Manager

Matthew Levy
Senior Project Manager

Attachments:

Table I – Summary of Groundwater Quality Data
Table II – Vacuum Readings
Figure 1 – Site Plan
Figure 2 – Post-Remedy Groundwater Exceedances Q2 2025
Appendix A – May 2025 Groundwater Laboratory Report
Appendix B – SVE Maintenance Field Forms

\\haleyaldrich.com\share\CF\Projects\0205125\Deliverables\22. Quarterly Groundwater Monitoring Reports\2025_Q2 GWM Report\2026-0113 HANY GWM Report Q2 2025_F.docx

TABLES

TABLE I

SUMMARY OF GROUNDWATER QUALITY DATA

1885 ATLANTIC AVENUE

BROOKLYN, NEW YORK

FILE NO. 0205125

	Criteria				
Location Name	New York TOGS 111	MW-06	MW-07	MW-07	MW-08
Sample Name	Ambient Water	MW-06_20250501	Dup-01_20250501	MW-07_20250501	MW-08_20250501
Sample Date	Quality Standards	05/01/2025	05/01/2025	05/01/2025	05/01/2025
Lab Sample ID		460-325502-1	460-325502-4	460-325502-2	460-325502-3
Volatile Organic Compounds (ug/L)					
1,1,1-Trichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	5	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
1,1,2-Trichloroethane	1	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)
1,1-Dichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,3-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	0.6	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
1,2-Dichloropropane	1	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
1,3,5-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone (Methyl Butyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)
2-Phenylbutane (sec-Butylbenzene)	5	ND (1)	ND (1)	ND (1)	ND (1)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	50	ND (5)	ND (5)	ND (5)	ND (5)
Benzene	1	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Bromodichloromethane	50	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)
Bromoform	50	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	5	ND (1)	ND (1)	ND (1)	ND (1)
Carbon disulfide	60	ND (1)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	5	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobromomethane	5	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	7	0.66 J	0.53 J	0.52 J	ND (1)
Chloromethane (Methyl Chloride)	5	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,3-Dichloropropene	0.4	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Cyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	50	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)
Dichlorodifluoromethane (CFC-12)	5	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	5	ND (1)	ND (1)	ND (1)	ND (1)
m,p-Xylenes	5	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	NA	ND (5)	ND (5)	ND (5)	ND (5)
Methyl Tert Butyl Ether (MTBE)	10	ND (1)	ND (1)	ND (1)	ND (1)
Methylcyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride (Dichloromethane)	5	ND (1)	ND (1)	ND (1)	ND (1)
n-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
n-Propylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
o-Xylene	5	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	5	ND (1) J	ND (1)	ND (1)	ND (1)
tert-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	5	**42 J**	**44**	**44**	1.8
Toluene	5	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	0.4	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Trichloroethene	5	0.38	0.46	0.5	ND (0.28)
Trichlorofluoromethane (CFC-11)	5	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	5	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	2	ND (1)	ND (1)	ND (1)	ND (1)
Xylene (Total)	5	ND (2)	ND (2)	ND (2)	ND (2)

ABBREVIATIONS AND NOTES:

µg/L: micrograms per liter

-: Not Analyzed

J: Value is estimated.

NA: Not Applicable

ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.

- Water analytical results are compared to the New York TOGS 111 Ambient Water Quality Standards.

- Bold indicates an exceedance of AWQS criteria.

TABLE II
VACUUM READINGS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK
FILE NO. 0205125

Monitoring Point ID	Vacuum (Inches of H_2O)
MP-1	0.0017
MP-2	0.0655
MP-3	Point filled with condensation
MP-4	Point filled with condensation
MP-5	0.0725
MP-6	0.0004

Notes:
Readings were collected on April 7, 2025

FIGURES

LEGEND

- COMMUTER RAIL LINE
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2023

N

0 40 80

SCALE IN FEET

HALEY ALDRICH

1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

SITE PLAN

JANUARY 2024

FIGURE 1

GIS: \\haleyaldrich\share\CF\Projects\0205125\GIS\Mxd\2024_0112\05125_001_0002_SITE_PLAN.mxd - mmjones - 1/12/2024 1:30:21 PM

MW-06	03/14/2024 460-300167-1	03/14/2024 460-300167-6	07/19/2024 460-308013-3	09/10/2024 460-311225-1	09/10/2024 460-311225-4	03/12/2025 460-322068-3	05/01/2025 460-325502-1
Volatile Organic Compounds							
Tetrachloroethene	52	57	77	84	83	59	42 J

MW-08	03/14/2024 460-300167-3	07/19/2024 460-308013-1	09/10/2024 460-311225-3	03/12/2025 460-322068-1	05/01/2025 460-325502-3
Volatile Organic Compounds					
Tetrachloroethene	8.2	1.8	1.4	1.7	1.8

MW-07	03/14/2024 460-300167-2	07/19/2024 460-308013-2	07/19/2024 460-308013-4	09/10/2024 460-311225-2	03/12/2025 460-322068-2	03/12/2025 460-322068-4	05/01/2025 460-325502-2	05/01/2025 460-325502-4
Volatile Organic Compounds								
Tetrachloroethene	26	46	42	42	45	44	44	44

MW-6

MW-8

MW-7

ATLANTIC AVE

RALPH AVE

9547

LEGEND

- MONITORING WELL
- COMMUTER RAIL LINE
- SITE BOUNDARY
- PARCEL BOUNDARY

Analyte	Units	AWQS
Volatile Organic Compounds (VOCs)		
Tetrachloroethene	µg/L	5

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHINCAL AND OPERATION GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS (AWQS).
3. ONLY ANALYTES THAT EXCEED CRITERIA ARE SHOWN ON FIGURE.
4. RESULTS SHADED GRAY EXCEED THE NYSDEC AWQS.
5. RESULTS ARE DISPLAYED IN MICROGRAMS PER LITER (µg/L).
6. J = RESULT IS AN ESTIMATE
7. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
8. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 1, 2025

N

0 20 40

SCALE IN FEET

HALEY ALDRICH

1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

POST-REMEDY GROUNDWATER EXCEEDANCES Q2 2025

SEPTEMBER 2025

FIGURE 2

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0205125\GIS\0205125_1885_ATLANTIC_AVE.aprx - USER: gwilde - LAST SAVED: 7/9/2025 9:58 AM

APPENDIX A
May 2025 Groundwater Laboratory Report

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich, Inc.
213 West 35th St
New York NY 10001

Generated 5/8/2025 2:16 PM

JOB DESCRIPTION

1885 Atlantic Avenue, Brooklyn

JOB NUMBER

460-325502-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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5/8/2025 2:16 PM

Authorized for release by
Elizabeth J Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
732 549-3900

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Job Narrative
460-325502-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/2/2025 6:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.7°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1036114 was outside the method criteria for the following analytes: Vinyl chloride (biased high), 1,2-Dichloroethane, Bromoform and Bromomethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-325502-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-325502-1	MW-06_20250501	Water	05/01/25 14:15	05/02/25 18:50
460-325502-2	MW-07_20250501	Water	05/01/25 15:55	05/02/25 18:50
460-325502-3	MW-08_20250501	Water	05/01/25 16:40	05/02/25 18:50
460-325502-4	Dup-01_20250501	Water	05/01/25 15:30	05/02/25 18:50
460-325502-5	FB-01_20250501	Water	05/01/25 10:25	05/02/25 18:50
460-325502-6	TB-01_20250501	Water	05/01/25 00:00	05/02/25 18:50

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-325502-1

Client Sample ID: MW-06_20250501 — Lab Sample ID: 460-325502-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.66	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	42		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.38		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-07_20250501 — Lab Sample ID: 460-325502-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.52	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	44		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.50		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-08_20250501 — Lab Sample ID: 460-325502-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.8		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: Dup-01_20250501 — Lab Sample ID: 460-325502-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.53	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	44		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.46		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: FB-01_20250501 — Lab Sample ID: 460-325502-5

No Detections.

Client Sample ID: TB-01_20250501 — Lab Sample ID: 460-325502-6

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-325502-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: MW-06_20250501 Lab Sample ID: 460-325502-1

Date Collected: 05/01/25 14:15 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/07/25 23:35	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/07/25 23:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/07/25 23:35	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/07/25 23:35	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/07/25 23:35	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/07/25 23:35	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/07/25 23:35	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:35	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:35	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/07/25 23:35	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/07/25 23:35	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/07/25 23:35	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/07/25 23:35	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			05/07/25 23:35	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:35	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/07/25 23:35	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/07/25 23:35	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/07/25 23:35	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/07/25 23:35	1
Acetone	5.0	U	5.0	4.4	ug/L			05/07/25 23:35	1
Benzene	0.45	U	0.45	0.070	ug/L			05/07/25 23:35	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/07/25 23:35	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/07/25 23:35	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/07/25 23:35	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/07/25 23:35	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/07/25 23:35	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/07/25 23:35	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/07/25 23:35	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/07/25 23:35	1
Chloroform	**0.66**	**J**	1.0	0.33	ug/L			05/07/25 23:35	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/07/25 23:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/07/25 23:35	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/07/25 23:35	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/07/25 23:35	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/07/25 23:35	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/07/25 23:35	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/07/25 23:35	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/07/25 23:35	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:35	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/07/25 23:35	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/07/25 23:35	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/07/25 23:35	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/07/25 23:35	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/07/25 23:35	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 23:35	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 23:35	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/07/25 23:35	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:35	1
Styrene	1.0	U	1.0	0.42	ug/L			05/07/25 23:35	1

Client Sample ID: MW-06_20250501 Lab Sample ID: 460-325502-1

Date Collected: 05/01/25 14:15 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:35	1
Tetrachloroethene	**42**		0.40	0.28	ug/L			05/07/25 23:35	1
Toluene	1.0	U	1.0	0.38	ug/L			05/07/25 23:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/07/25 23:35	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/07/25 23:35	1
Trichloroethene	**0.38**		0.28	0.074	ug/L			05/07/25 23:35	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/07/25 23:35	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/07/25 23:35	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/07/25 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 128*		*05/07/25 23:35*	*1*
4-Bromofluorobenzene	*83*		*76 - 120*		*05/07/25 23:35*	*1*
Dibromofluoromethane (Surr)	*84*		*77 - 132*		*05/07/25 23:35*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*05/07/25 23:35*	*1*

Client Sample ID: MW-07_20250501 Lab Sample ID: 460-325502-2

Date Collected: 05/01/25 15:55 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/07/25 23:58	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/07/25 23:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/07/25 23:58	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/07/25 23:58	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/07/25 23:58	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/07/25 23:58	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/07/25 23:58	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:58	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:58	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/07/25 23:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/07/25 23:58	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/07/25 23:58	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/07/25 23:58	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			05/07/25 23:58	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:58	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/07/25 23:58	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/07/25 23:58	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/07/25 23:58	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/07/25 23:58	1
Acetone	5.0	U	5.0	4.4	ug/L			05/07/25 23:58	1
Benzene	0.45	U	0.45	0.070	ug/L			05/07/25 23:58	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/07/25 23:58	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/07/25 23:58	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/07/25 23:58	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/07/25 23:58	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/07/25 23:58	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/07/25 23:58	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/07/25 23:58	1

Client Sample ID: MW-07_20250501 Lab Sample ID: 460-325502-2

Date Collected: 05/01/25 15:55 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			05/07/25 23:58	1
Chloroform	**0.52**	**J**	1.0	0.33	ug/L			05/07/25 23:58	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/07/25 23:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/07/25 23:58	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/07/25 23:58	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/07/25 23:58	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/07/25 23:58	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/07/25 23:58	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/07/25 23:58	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/07/25 23:58	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:58	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/07/25 23:58	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/07/25 23:58	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/07/25 23:58	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/07/25 23:58	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/07/25 23:58	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 23:58	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 23:58	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/07/25 23:58	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:58	1
Styrene	1.0	U	1.0	0.42	ug/L			05/07/25 23:58	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:58	1
Tetrachloroethene	**44**		0.40	0.28	ug/L			05/07/25 23:58	1
Toluene	1.0	U	1.0	0.38	ug/L			05/07/25 23:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/07/25 23:58	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/07/25 23:58	1
Trichloroethene	**0.50**		0.28	0.074	ug/L			05/07/25 23:58	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/07/25 23:58	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/07/25 23:58	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/07/25 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 128*		*05/07/25 23:58*	*1*
4-Bromofluorobenzene	*83*		*76 - 120*		*05/07/25 23:58*	*1*
Dibromofluoromethane (Surr)	*84*		*77 - 132*		*05/07/25 23:58*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*05/07/25 23:58*	*1*

Client Sample ID: MW-08_20250501 Lab Sample ID: 460-325502-3

Date Collected: 05/01/25 16:40 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/08/25 00:20	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/08/25 00:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/08/25 00:20	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/08/25 00:20	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/08/25 00:20	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/08/25 00:20	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/08/25 00:20	1

Client Sample ID: MW-08_20250501 Lab Sample ID: 460-325502-3

Date Collected: 05/01/25 16:40 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/08/25 00:20	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			05/08/25 00:20	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/08/25 00:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/08/25 00:20	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/08/25 00:20	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/08/25 00:20	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			05/08/25 00:20	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/08/25 00:20	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/08/25 00:20	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/08/25 00:20	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/08/25 00:20	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/08/25 00:20	1
Acetone	5.0	U	5.0	4.4	ug/L			05/08/25 00:20	1
Benzene	0.45	U	0.45	0.070	ug/L			05/08/25 00:20	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/08/25 00:20	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/08/25 00:20	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/08/25 00:20	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/08/25 00:20	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/08/25 00:20	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/08/25 00:20	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/08/25 00:20	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/08/25 00:20	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/08/25 00:20	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/08/25 00:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/08/25 00:20	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/08/25 00:20	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/08/25 00:20	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/08/25 00:20	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/08/25 00:20	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/08/25 00:20	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/08/25 00:20	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/08/25 00:20	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/08/25 00:20	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/08/25 00:20	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/08/25 00:20	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/08/25 00:20	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/08/25 00:20	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			05/08/25 00:20	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			05/08/25 00:20	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/08/25 00:20	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			05/08/25 00:20	1
Styrene	1.0	U	1.0	0.42	ug/L			05/08/25 00:20	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			05/08/25 00:20	1
Tetrachloroethene	**1.8**		0.40	0.28	ug/L			05/08/25 00:20	1
Toluene	1.0	U	1.0	0.38	ug/L			05/08/25 00:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/08/25 00:20	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/08/25 00:20	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/08/25 00:20	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/08/25 00:20	1

Client Sample ID: MW-08_20250501 — Lab Sample ID: 460-325502-3

Date Collected: 05/01/25 16:40 — **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/08/25 00:20	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/08/25 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 128*		*05/08/25 00:20*	*1*
4-Bromofluorobenzene	*84*		*76 - 120*		*05/08/25 00:20*	*1*
Dibromofluoromethane (Surr)	*83*		*77 - 132*		*05/08/25 00:20*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*05/08/25 00:20*	*1*

Client Sample ID: Dup-01_20250501 — Lab Sample ID: 460-325502-4

Date Collected: 05/01/25 15:30 — **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/08/25 00:43	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/08/25 00:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/08/25 00:43	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/08/25 00:43	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/08/25 00:43	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/08/25 00:43	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/08/25 00:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/08/25 00:43	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			05/08/25 00:43	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/08/25 00:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/08/25 00:43	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/08/25 00:43	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/08/25 00:43	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			05/08/25 00:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/08/25 00:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/08/25 00:43	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/08/25 00:43	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/08/25 00:43	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/08/25 00:43	1
Acetone	5.0	U	5.0	4.4	ug/L			05/08/25 00:43	1
Benzene	0.45	U	0.45	0.070	ug/L			05/08/25 00:43	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/08/25 00:43	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/08/25 00:43	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/08/25 00:43	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/08/25 00:43	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/08/25 00:43	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/08/25 00:43	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/08/25 00:43	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/08/25 00:43	1
Chloroform	**0.53**	**J**	1.0	0.33	ug/L			05/08/25 00:43	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/08/25 00:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/08/25 00:43	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/08/25 00:43	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/08/25 00:43	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/08/25 00:43	1

Client Sample ID: Dup-01_20250501 Lab Sample ID: 460-325502-4

Date Collected: 05/01/25 15:30 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/08/25 00:43	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/08/25 00:43	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/08/25 00:43	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/08/25 00:43	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/08/25 00:43	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/08/25 00:43	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/08/25 00:43	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/08/25 00:43	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/08/25 00:43	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			05/08/25 00:43	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			05/08/25 00:43	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/08/25 00:43	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			05/08/25 00:43	1
Styrene	1.0	U	1.0	0.42	ug/L			05/08/25 00:43	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			05/08/25 00:43	1
Tetrachloroethene	**44**		0.40	0.28	ug/L			05/08/25 00:43	1
Toluene	1.0	U	1.0	0.38	ug/L			05/08/25 00:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/08/25 00:43	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/08/25 00:43	1
Trichloroethene	**0.46**		0.28	0.074	ug/L			05/08/25 00:43	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/08/25 00:43	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/08/25 00:43	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/08/25 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*70 - 128*		*05/08/25 00:43*	*1*
4-Bromofluorobenzene	*83*		*76 - 120*		*05/08/25 00:43*	*1*
Dibromofluoromethane (Surr)	*83*		*77 - 132*		*05/08/25 00:43*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*05/08/25 00:43*	*1*

Client Sample ID: FB-01_20250501 Lab Sample ID: 460-325502-5

Date Collected: 05/01/25 10:25 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/07/25 22:49	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/07/25 22:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/07/25 22:49	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/07/25 22:49	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/07/25 22:49	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/07/25 22:49	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/07/25 22:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/07/25 22:49	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 22:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/07/25 22:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/07/25 22:49	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/07/25 22:49	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/07/25 22:49	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			05/07/25 22:49	1

Client Sample ID: FB-01_20250501 Lab Sample ID: 460-325502-5

Date Collected: 05/01/25 10:25 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/07/25 22:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/07/25 22:49	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/07/25 22:49	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/07/25 22:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/07/25 22:49	1
Acetone	5.0	U	5.0	4.4	ug/L			05/07/25 22:49	1
Benzene	0.45	U	0.45	0.070	ug/L			05/07/25 22:49	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/07/25 22:49	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/07/25 22:49	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/07/25 22:49	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/07/25 22:49	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/07/25 22:49	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/07/25 22:49	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/07/25 22:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/07/25 22:49	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/07/25 22:49	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/07/25 22:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/07/25 22:49	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/07/25 22:49	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/07/25 22:49	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/07/25 22:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/07/25 22:49	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/07/25 22:49	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/07/25 22:49	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 22:49	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/07/25 22:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/07/25 22:49	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/07/25 22:49	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/07/25 22:49	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/07/25 22:49	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 22:49	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 22:49	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/07/25 22:49	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 22:49	1
Styrene	1.0	U	1.0	0.42	ug/L			05/07/25 22:49	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 22:49	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/07/25 22:49	1
Toluene	1.0	U	1.0	0.38	ug/L			05/07/25 22:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/07/25 22:49	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/07/25 22:49	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/07/25 22:49	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/07/25 22:49	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/07/25 22:49	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/07/25 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 128*		*05/07/25 22:49*	*1*
4-Bromofluorobenzene	*84*		*76 - 120*		*05/07/25 22:49*	*1*
Dibromofluoromethane (Surr)	*82*		*77 - 132*		*05/07/25 22:49*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*05/07/25 22:49*	*1*

Client Sample ID: TB-01_20250501
Lab Sample ID: 460-325502-6

Date Collected: 05/01/25 00:00
Matrix: Water
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/07/25 23:12	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/07/25 23:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/07/25 23:12	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/07/25 23:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/07/25 23:12	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/07/25 23:12	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/07/25 23:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:12	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/07/25 23:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/07/25 23:12	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/07/25 23:12	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/07/25 23:12	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			05/07/25 23:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/07/25 23:12	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/07/25 23:12	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/07/25 23:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/07/25 23:12	1
Acetone	5.0	U	5.0	4.4	ug/L			05/07/25 23:12	1
Benzene	0.45	U	0.45	0.070	ug/L			05/07/25 23:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/07/25 23:12	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/07/25 23:12	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/07/25 23:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/07/25 23:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/07/25 23:12	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/07/25 23:12	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/07/25 23:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/07/25 23:12	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/07/25 23:12	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/07/25 23:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/07/25 23:12	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/07/25 23:12	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/07/25 23:12	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/07/25 23:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/07/25 23:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/07/25 23:12	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/07/25 23:12	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:12	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/07/25 23:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/07/25 23:12	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/07/25 23:12	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/07/25 23:12	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/07/25 23:12	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 23:12	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 23:12	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/07/25 23:12	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:12	1
Styrene	1.0	U	1.0	0.42	ug/L			05/07/25 23:12	1

Client Sample ID: TB-01_20250501 Lab Sample ID: 460-325502-6

Date Collected: 05/01/25 00:00 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:12	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/07/25 23:12	1
Toluene	1.0	U	1.0	0.38	ug/L			05/07/25 23:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/07/25 23:12	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/07/25 23:12	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/07/25 23:12	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/07/25 23:12	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/07/25 23:12	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/07/25 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 128*		*05/07/25 23:12*	*1*
4-Bromofluorobenzene	*84*		*76 - 120*		*05/07/25 23:12*	*1*
Dibromofluoromethane (Surr)	*83*		*77 - 132*		*05/07/25 23:12*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*05/07/25 23:12*	*1*

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-325502-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-325502-1	MW-06_20250501	82	83	84	107
460-325502-1 MS	MW-06_20250501	82	84	85	107
460-325502-1 MSD	MW-06_20250501	81	85	84	108
460-325502-2	MW-07_20250501	82	83	84	105
460-325502-3	MW-08_20250501	81	84	83	105
460-325502-4	Dup-01_20250501	80	83	83	106
460-325502-5	FB-01_20250501	82	84	82	109
460-325502-6	TB-01_20250501	82	84	83	108
LCS 460-1036114/3	Lab Control Sample	83	85	82	108
LCSD 460-1036114/4	Lab Control Sample Dup	88	85	83	108
MB 460-1036114/7	Method Blank	80	83	82	106

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1036114/7
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/07/25 20:09	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/07/25 20:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/07/25 20:09	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/07/25 20:09	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/07/25 20:09	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/07/25 20:09	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/07/25 20:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/07/25 20:09	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 20:09	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/07/25 20:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/07/25 20:09	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/07/25 20:09	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/07/25 20:09	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			05/07/25 20:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/07/25 20:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/07/25 20:09	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/07/25 20:09	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/07/25 20:09	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/07/25 20:09	1
Acetone	5.0	U	5.0	4.4	ug/L			05/07/25 20:09	1
Benzene	0.45	U	0.45	0.070	ug/L			05/07/25 20:09	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/07/25 20:09	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/07/25 20:09	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/07/25 20:09	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/07/25 20:09	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/07/25 20:09	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/07/25 20:09	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/07/25 20:09	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/07/25 20:09	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/07/25 20:09	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/07/25 20:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/07/25 20:09	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/07/25 20:09	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/07/25 20:09	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/07/25 20:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/07/25 20:09	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/07/25 20:09	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/07/25 20:09	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 20:09	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/07/25 20:09	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/07/25 20:09	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/07/25 20:09	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/07/25 20:09	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/07/25 20:09	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 20:09	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 20:09	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/07/25 20:09	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 20:09	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1036114/7
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			05/07/25 20:09	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 20:09	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/07/25 20:09	1
Toluene	1.0	U	1.0	0.38	ug/L			05/07/25 20:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/07/25 20:09	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/07/25 20:09	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/07/25 20:09	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/07/25 20:09	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/07/25 20:09	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/07/25 20:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*70 - 128*		*05/07/25 20:09*	*1*
4-Bromofluorobenzene	*83*		*76 - 120*		*05/07/25 20:09*	*1*
Dibromofluoromethane (Surr)	*82*		*77 - 132*		*05/07/25 20:09*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*05/07/25 20:09*	*1*

Lab Sample ID: LCS 460-1036114/3
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	16.3		ug/L		81	72 - 128
1,1,2,2-Tetrachloroethane	20.0	22.8		ug/L		114	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.3		ug/L		81	65 - 142
1,1,2-Trichloroethane	20.0	21.5		ug/L		108	74 - 125
1,1-Dichloroethane	20.0	18.5		ug/L		92	73 - 130
1,1-Dichloroethene	20.0	19.3		ug/L		97	68 - 133
1,2,3-Trichlorobenzene	20.0	17.4		ug/L		87	55 - 150
1,2,4-Trichlorobenzene	20.0	17.4		ug/L		87	67 - 132
1,2,4-Trimethylbenzene	20.0	21.7		ug/L		108	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.9		ug/L		89	58 - 132
1,2-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 120
1,2-Dichloroethane	20.0	15.0		ug/L		75	66 - 129
1,2-Dichloropropane	20.0	19.1		ug/L		96	72 - 128
1,3,5-Trimethylbenzene	20.0	21.6		ug/L		108	75 - 125
1,3-Dichlorobenzene	20.0	20.1		ug/L		101	80 - 120
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 120
2-Butanone (MEK)	100	94.9		ug/L		95	65 - 142
2-Hexanone	100	103		ug/L		103	72 - 134
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	77 - 130
Acetone	100	92.5		ug/L		92	60 - 133
Benzene	20.0	22.8		ug/L		114	71 - 126
Bromoform	20.0	14.6		ug/L		73	58 - 128
Bromomethane	20.0	12.2		ug/L		61	33 - 150
Carbon disulfide	20.0	18.2		ug/L		91	35 - 150
Carbon tetrachloride	20.0	16.0		ug/L		80	65 - 131
Chlorobenzene	20.0	20.0		ug/L		100	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1036114/3
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	17.4		ug/L		87	71 - 134
Chlorodibromomethane	20.0	18.0		ug/L		90	73 - 121
Chloroethane	20.0	23.0		ug/L		115	54 - 150
Chloroform	20.0	17.6		ug/L		88	78 - 125
Chloromethane	20.0	22.5		ug/L		113	43 - 149
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	78 - 121
cis-1,3-Dichloropropene	20.0	20.3		ug/L		102	74 - 125
Cyclohexane	20.0	17.2		ug/L		86	64 - 142
Dichlorobromomethane	20.0	15.9		ug/L		80	76 - 121
Dichlorodifluoromethane	20.0	17.9		ug/L		89	38 - 144
Ethylbenzene	20.0	20.1		ug/L		100	78 - 120
Ethylene Dibromide	20.0	19.5		ug/L		98	79 - 126
Isopropylbenzene	20.0	20.1		ug/L		100	79 - 125
Methyl acetate	40.0	43.6		ug/L		109	50 - 147
Methyl tert-butyl ether	20.0	16.8		ug/L		84	72 - 131
Methylcyclohexane	20.0	16.1		ug/L		81	63 - 138
Methylene Chloride	20.0	21.0		ug/L		105	74 - 127
m-Xylene & p-Xylene	20.0	19.7		ug/L		99	78 - 120
n-Butylbenzene	20.0	23.1		ug/L		116	69 - 135
N-Propylbenzene	20.0	23.8		ug/L		119	68 - 129
o-Xylene	20.0	20.1		ug/L		100	78 - 120
sec-Butylbenzene	20.0	22.7		ug/L		113	77 - 129
Styrene	20.0	20.8		ug/L		104	82 - 127
tert-Butylbenzene	20.0	21.1		ug/L		106	78 - 120
Tetrachloroethene	20.0	16.6		ug/L		83	70 - 127
Toluene	20.0	21.0		ug/L		105	78 - 120
trans-1,2-Dichloroethene	20.0	19.1		ug/L		96	70 - 126
trans-1,3-Dichloropropene	20.0	18.8		ug/L		94	71 - 127
Trichloroethene	20.0	17.7		ug/L		89	73 - 121
Trichlorofluoromethane	20.0	17.0		ug/L		85	62 - 134
Vinyl chloride	20.0	25.7		ug/L		129	55 - 144
Xylenes, Total	40.0	39.8		ug/L		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 128*
4-Bromofluorobenzene	*85*		*76 - 120*
Dibromofluoromethane (Surr)	*82*		*77 - 132*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: LCSD 460-1036114/4
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	16.5		ug/L		82	72 - 128	1	30
1,1,2,2-Tetrachloroethane	20.0	22.3		ug/L		112	63 - 139	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.1		ug/L		85	65 - 142	5	30
1,1,2-Trichloroethane	20.0	21.0		ug/L		105	74 - 125	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1036114/4
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	20.0	18.5		ug/L		93	73 - 130	0	30
1,1-Dichloroethene	20.0	19.7		ug/L		98	68 - 133	2	30
1,2,3-Trichlorobenzene	20.0	17.4		ug/L		87	55 - 150	0	30
1,2,4-Trichlorobenzene	20.0	17.3		ug/L		86	67 - 132	1	30
1,2,4-Trimethylbenzene	20.0	21.4		ug/L		107	75 - 125	1	30
1,2-Dibromo-3-Chloropropane	20.0	18.3		ug/L		92	58 - 132	3	30
1,2-Dichlorobenzene	20.0	19.4		ug/L		97	80 - 120	1	30
1,2-Dichloroethane	20.0	15.8		ug/L		79	66 - 129	6	30
1,2-Dichloropropane	20.0	18.8		ug/L		94	72 - 128	2	30
1,3,5-Trimethylbenzene	20.0	21.4		ug/L		107	75 - 125	1	30
1,3-Dichlorobenzene	20.0	19.7		ug/L		99	80 - 120	2	30
1,4-Dichlorobenzene	20.0	19.5		ug/L		97	80 - 120	1	30
2-Butanone (MEK)	100	94.5		ug/L		94	65 - 142	0	30
2-Hexanone	100	103		ug/L		103	72 - 134	0	30
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	77 - 130	0	30
Acetone	100	97.8		ug/L		98	60 - 133	6	30
Benzene	20.0	22.3		ug/L		112	71 - 126	2	30
Bromoform	20.0	15.4		ug/L		77	58 - 128	5	30
Bromomethane	20.0	14.6		ug/L		73	33 - 150	17	30
Carbon disulfide	20.0	18.7		ug/L		94	35 - 150	3	30
Carbon tetrachloride	20.0	16.3		ug/L		82	65 - 131	2	30
Chlorobenzene	20.0	19.9		ug/L		99	80 - 120	1	30
Chlorobromomethane	20.0	17.3		ug/L		87	71 - 134	0	30
Chlorodibromomethane	20.0	18.8		ug/L		94	73 - 121	4	30
Chloroethane	20.0	23.8		ug/L		119	54 - 150	4	30
Chloroform	20.0	17.5		ug/L		88	78 - 125	1	30
Chloromethane	20.0	23.8		ug/L		119	43 - 149	6	30
cis-1,2-Dichloroethene	20.0	18.8		ug/L		94	78 - 121	3	30
cis-1,3-Dichloropropene	20.0	20.5		ug/L		103	74 - 125	1	30
Cyclohexane	20.0	16.8		ug/L		84	64 - 142	2	30
Dichlorobromomethane	20.0	16.0		ug/L		80	76 - 121	0	30
Dichlorodifluoromethane	20.0	19.2		ug/L		96	38 - 144	7	30
Ethylbenzene	20.0	20.0		ug/L		100	78 - 120	0	30
Ethylene Dibromide	20.0	19.9		ug/L		99	79 - 126	2	30
Isopropylbenzene	20.0	19.9		ug/L		99	79 - 125	1	30
Methyl acetate	40.0	45.4		ug/L		114	50 - 147	4	30
Methyl tert-butyl ether	20.0	17.7		ug/L		89	72 - 131	5	30
Methylcyclohexane	20.0	16.1		ug/L		80	63 - 138	0	30
Methylene Chloride	20.0	21.3		ug/L		107	74 - 127	2	30
m-Xylene & p-Xylene	20.0	19.8		ug/L		99	78 - 120	0	30
n-Butylbenzene	20.0	22.5		ug/L		113	69 - 135	3	30
N-Propylbenzene	20.0	23.5		ug/L		117	68 - 129	1	30
o-Xylene	20.0	20.3		ug/L		102	78 - 120	1	30
sec-Butylbenzene	20.0	21.9		ug/L		109	77 - 129	4	30
Styrene	20.0	20.7		ug/L		104	82 - 127	0	30
tert-Butylbenzene	20.0	20.7		ug/L		104	78 - 120	2	30
Tetrachloroethene	20.0	16.5		ug/L		83	70 - 127	0	30
Toluene	20.0	20.9		ug/L		105	78 - 120	0	30
trans-1,2-Dichloroethene	20.0	19.4		ug/L		97	70 - 126	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1036114/4
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			20.0	19.4		ug/L		97	71 - 127	3	30
Trichloroethene			20.0	17.5		ug/L		88	73 - 121	1	30
Trichlorofluoromethane			20.0	18.2		ug/L		91	62 - 134	7	30
Vinyl chloride			20.0	26.9		ug/L		134	55 - 144	4	30
Xylenes, Total			40.0	40.1		ug/L		100	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 128*
4-Bromofluorobenzene	*85*		*76 - 120*
Dibromofluoromethane (Surr)	*83*		*77 - 132*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: 460-325502-1 MS
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: MW-06_20250501
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	15.7		ug/L		78	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	23.4		ug/L		117	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	17.8		ug/L		89	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	21.5		ug/L		107	74 - 125
1,1-Dichloroethane	1.0	U	20.0	18.6		ug/L		93	73 - 130
1,1-Dichloroethene	1.0	U	20.0	18.4		ug/L		92	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	15.0		ug/L		75	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	14.9		ug/L		74	67 - 132
1,2,4-Trimethylbenzene	1.0	U	20.0	18.3		ug/L		91	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	16.5		ug/L		82	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	19.4		ug/L		97	80 - 120
1,2-Dichloroethane	0.30	U	20.0	14.3		ug/L		71	66 - 129
1,2-Dichloropropane	0.92	U	20.0	19.7		ug/L		99	72 - 128
1,3,5-Trimethylbenzene	1.0	U	20.0	19.1		ug/L		95	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	19.2		ug/L		96	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	18.7		ug/L		93	80 - 120
2-Butanone (MEK)	5.0	U	100	86.9		ug/L		87	65 - 142
2-Hexanone	5.0	U	100	98.8		ug/L		99	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	104		ug/L		104	77 - 130
Acetone	5.0	U	100	81.4		ug/L		81	60 - 133
Benzene	0.45	U	20.0	22.2		ug/L		111	71 - 126
Bromoform	1.0	U	20.0	13.8		ug/L		69	58 - 128
Bromomethane	1.0	U	20.0	7.03		ug/L		35	33 - 150
Carbon disulfide	1.0	U	20.0	17.0		ug/L		85	35 - 150
Carbon tetrachloride	1.0	U	20.0	15.2		ug/L		76	65 - 131
Chlorobenzene	1.0	U	20.0	19.4		ug/L		97	80 - 120
Chlorobromomethane	1.0	U	20.0	16.9		ug/L		85	71 - 134
Chlorodibromomethane	0.78	U	20.0	17.3		ug/L		86	73 - 121
Chloroethane	1.0	U	20.0	21.8		ug/L		109	54 - 150
Chloroform	0.66	J	20.0	18.2		ug/L		87	78 - 125
Chloromethane	1.0	U	20.0	20.9		ug/L		104	43 - 149

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-325502-1 MS **Client Sample ID: MW-06_20250501**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 1036114

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	1.0	U	20.0	19.3		ug/L		96	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	18.4		ug/L		92	74 - 125
Cyclohexane	1.0	U	20.0	18.4		ug/L		92	64 - 142
Dichlorobromomethane	0.98	U	20.0	15.3		ug/L		76	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	19.0		ug/L		95	38 - 144
Ethylbenzene	1.0	U	20.0	19.1		ug/L		96	78 - 120
Ethylene Dibromide	1.0	U	20.0	19.1		ug/L		95	79 - 126
Isopropylbenzene	1.0	U	20.0	19.4		ug/L		97	79 - 125
Methyl acetate	5.0	U	40.0	36.8		ug/L		92	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	15.1		ug/L		76	72 - 131
Methylcyclohexane	1.0	U	20.0	17.8		ug/L		89	63 - 138
Methylene Chloride	1.0	U	20.0	20.0		ug/L		100	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	18.5		ug/L		93	78 - 120
n-Butylbenzene	1.0	U	20.0	21.3		ug/L		107	69 - 135
N-Propylbenzene	1.0	U	20.0	22.8		ug/L		114	68 - 129
o-Xylene	1.0	U	20.0	19.1		ug/L		95	78 - 120
sec-Butylbenzene	1.0	U	20.0	21.5		ug/L		108	77 - 129
Styrene	1.0	U	20.0	16.1	*	ug/L		80	82 - 127
tert-Butylbenzene	1.0	U	20.0	20.1		ug/L		101	78 - 120
Tetrachloroethene	42		20.0	49.5	*	ug/L		39	70 - 127
Toluene	1.0	U	20.0	20.5		ug/L		102	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	18.6		ug/L		93	70 - 126
trans-1,3-Dichloropropene	0.45	U	20.0	16.2		ug/L		81	71 - 127
Trichloroethene	0.38		20.0	17.4		ug/L		85	73 - 121
Trichlorofluoromethane	1.0	U	20.0	16.9		ug/L		84	62 - 134
Vinyl chloride	1.0	U	20.0	25.3		ug/L		126	55 - 144
Xylenes, Total	2.0	U	40.0	37.6		ug/L		94	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 128*
4-Bromofluorobenzene	*84*		*76 - 120*
Dibromofluoromethane (Surr)	*85*		*77 - 132*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: 460-325502-1 MSD **Client Sample ID: MW-06_20250501**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 1036114

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	16.8		ug/L		84	72 - 128	7	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	24.8		ug/L		124	63 - 139	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	18.9		ug/L		94	65 - 142	6	30
1,1,2-Trichloroethane	0.58	U	20.0	22.6		ug/L		113	74 - 125	5	30
1,1-Dichloroethane	1.0	U	20.0	19.6		ug/L		98	73 - 130	5	30
1,1-Dichloroethene	1.0	U	20.0	19.6		ug/L		98	68 - 133	6	30
1,2,3-Trichlorobenzene	1.0	U	20.0	16.8		ug/L		84	55 - 150	11	30
1,2,4-Trichlorobenzene	1.0	U	20.0	16.7		ug/L		83	67 - 132	12	30
1,2,4-Trimethylbenzene	1.0	U	20.0	20.0		ug/L		100	75 - 125	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-325502-1 MSD
Client Sample ID: MW-06_20250501
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1036114

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	17.3		ug/L		87	58 - 132	5	30
1,2-Dichlorobenzene	1.0	U	20.0	20.5		ug/L		102	80 - 120	5	30
1,2-Dichloroethane	0.30	U	20.0	15.2		ug/L		76	66 - 129	6	30
1,2-Dichloropropane	0.92	U	20.0	20.8		ug/L		104	72 - 128	5	30
1,3,5-Trimethylbenzene	1.0	U	20.0	20.5		ug/L		103	75 - 125	7	30
1,3-Dichlorobenzene	1.0	U	20.0	20.4		ug/L		102	80 - 120	6	30
1,4-Dichlorobenzene	1.0	U	20.0	20.1		ug/L		101	80 - 120	8	30
2-Butanone (MEK)	5.0	U	100	91.6		ug/L		92	65 - 142	5	30
2-Hexanone	5.0	U	100	106		ug/L		106	72 - 134	7	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	110		ug/L		110	77 - 130	6	30
Acetone	5.0	U	100	87.1		ug/L		87	60 - 133	7	30
Benzene	0.45	U	20.0	24.1		ug/L		120	71 - 126	8	30
Bromoform	1.0	U	20.0	15.1		ug/L		75	58 - 128	9	30
Bromomethane	1.0	U	20.0	12.2	*	ug/L		61	33 - 150	54	30
Carbon disulfide	1.0	U	20.0	18.2		ug/L		91	35 - 150	7	30
Carbon tetrachloride	1.0	U	20.0	16.6		ug/L		83	65 - 131	9	30
Chlorobenzene	1.0	U	20.0	21.1		ug/L		105	80 - 120	8	30
Chlorobromomethane	1.0	U	20.0	18.1		ug/L		91	71 - 134	7	30
Chlorodibromomethane	0.78	U	20.0	18.5		ug/L		93	73 - 121	7	30
Chloroethane	1.0	U	20.0	22.7		ug/L		113	54 - 150	4	30
Chloroform	0.66	J	20.0	19.0		ug/L		91	78 - 125	4	30
Chloromethane	1.0	U	20.0	22.3		ug/L		112	43 - 149	7	30
cis-1,2-Dichloroethene	1.0	U	20.0	20.0		ug/L		100	78 - 121	4	30
cis-1,3-Dichloropropene	0.45	U	20.0	20.3		ug/L		102	74 - 125	10	30
Cyclohexane	1.0	U	20.0	19.7		ug/L		98	64 - 142	7	30
Dichlorobromomethane	0.98	U	20.0	16.2		ug/L		81	76 - 121	6	30
Dichlorodifluoromethane	1.0	U	20.0	20.1		ug/L		101	38 - 144	6	30
Ethylbenzene	1.0	U	20.0	20.8		ug/L		104	78 - 120	8	30
Ethylene Dibromide	1.0	U	20.0	20.6		ug/L		103	79 - 126	8	30
Isopropylbenzene	1.0	U	20.0	21.3		ug/L		106	79 - 125	9	30
Methyl acetate	5.0	U	40.0	38.3		ug/L		96	50 - 147	4	30
Methyl tert-butyl ether	1.0	U	20.0	16.1		ug/L		81	72 - 131	7	30
Methylcyclohexane	1.0	U	20.0	18.9		ug/L		94	63 - 138	6	30
Methylene Chloride	1.0	U	20.0	21.4		ug/L		107	74 - 127	7	30
m-Xylene & p-Xylene	1.0	U	20.0	20.2		ug/L		101	78 - 120	9	30
n-Butylbenzene	1.0	U	20.0	23.0		ug/L		115	69 - 135	8	30
N-Propylbenzene	1.0	U	20.0	24.5		ug/L		123	68 - 129	7	30
o-Xylene	1.0	U	20.0	20.8		ug/L		104	78 - 120	9	30
sec-Butylbenzene	1.0	U	20.0	23.1		ug/L		115	77 - 129	7	30
Styrene	1.0	U	20.0	17.9		ug/L		90	82 - 127	11	30
tert-Butylbenzene	1.0	U	20.0	21.7		ug/L		108	78 - 120	7	30
Tetrachloroethene	42		20.0	52.3	*	ug/L		53	70 - 127	5	30
Toluene	1.0	U	20.0	22.1		ug/L		110	78 - 120	8	30
trans-1,2-Dichloroethene	1.0	U	20.0	19.2		ug/L		96	70 - 126	4	30
trans-1,3-Dichloropropene	0.45	U	20.0	18.4		ug/L		92	71 - 127	12	30
Trichloroethene	0.38		20.0	18.4		ug/L		90	73 - 121	6	30
Trichlorofluoromethane	1.0	U	20.0	17.8		ug/L		89	62 - 134	5	30
Vinyl chloride	1.0	U	20.0	26.7		ug/L		133	55 - 144	5	30
Xylenes, Total	2.0	U	40.0	41.0		ug/L		103	80 - 120	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	81		70 - 128
4-Bromofluorobenzene	85		76 - 120
Dibromofluoromethane (Surr)	84		77 - 132
Toluene-d8 (Surr)	108		80 - 120

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-325502-1

GC/MS VOA

Analysis Batch: 1036114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-325502-1	MW-06_20250501	Total/NA	Water	8260D	
460-325502-2	MW-07_20250501	Total/NA	Water	8260D	
460-325502-3	MW-08_20250501	Total/NA	Water	8260D	
460-325502-4	Dup-01_20250501	Total/NA	Water	8260D	
460-325502-5	FB-01_20250501	Total/NA	Water	8260D	
460-325502-6	TB-01_20250501	Total/NA	Water	8260D	
MB 460-1036114/7	Method Blank	Total/NA	Water	8260D	
LCS 460-1036114/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1036114/4	Lab Control Sample Dup	Total/NA	Water	8260D	
460-325502-1 MS	MW-06_20250501	Total/NA	Water	8260D	
460-325502-1 MSD	MW-06_20250501	Total/NA	Water	8260D	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 460-325502-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: MW-06_20250501
Lab Sample ID: 460-325502-1
Date Collected: 05/01/25 14:15
Matrix: Water
Date Received: 05/02/25 18:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1036114	SZD	EET EDI	05/07/25 23:35

Client Sample ID: MW-07_20250501
Lab Sample ID: 460-325502-2
Date Collected: 05/01/25 15:55
Matrix: Water
Date Received: 05/02/25 18:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1036114	SZD	EET EDI	05/07/25 23:58

Client Sample ID: MW-08_20250501
Lab Sample ID: 460-325502-3
Date Collected: 05/01/25 16:40
Matrix: Water
Date Received: 05/02/25 18:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1036114	SZD	EET EDI	05/08/25 00:20

Client Sample ID: Dup-01_20250501
Lab Sample ID: 460-325502-4
Date Collected: 05/01/25 15:30
Matrix: Water
Date Received: 05/02/25 18:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1036114	SZD	EET EDI	05/08/25 00:43

Client Sample ID: FB-01_20250501
Lab Sample ID: 460-325502-5
Date Collected: 05/01/25 10:25
Matrix: Water
Date Received: 05/02/25 18:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1036114	SZD	EET EDI	05/07/25 22:49

Client Sample ID: TB-01_20250501
Lab Sample ID: 460-325502-6
Date Collected: 05/01/25 00:00
Matrix: Water
Date Received: 05/02/25 18:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1036114	SZD	EET EDI	05/07/25 23:12

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc. Job ID: 460-325502-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00183	05/13/25	04/13/25	MeOH, Lot EI863-US	2 mL	1,4-Dioxane P_00001	1 mL	1,4-Dioxane	500 ug/mL
.1,4-Dioxane P_00001	09/27/29		Absolute, Lot 092724		(Purchased Reagent)		1,4-Dioxane	1000 ug/mL
524FREONS_00033	05/15/25	04/15/25	MeOH, Lot EI863-US	10 mL	7 Freons_00008	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00008	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00026	04/26/25	03/26/25	MeOH, Lot EI863-US	5 mL	7 Freons_00008	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00008	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00191	04/28/25	03/28/25	MeOH, Lot EI836-US	10 mL	KetonesC SS_00017	200 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix SS_00022	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00017	04/30/27		RESTEK, Lot A0209876		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix SS_00022	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260MIX1COMB_00203	05/01/25	04/01/25	MeOH, Lot EI863-US	50 mL	EPICH(working_00015	0.5 mL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00026	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00025	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00031	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					LIST2/STD6_00024	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00027	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00043	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00031	1 mL	Acetonitrile	500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00102	1 mL	Vinyl acetate	100 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT) 00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new) 00026	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00025	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00031	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.LIST2/STD6_00024	03/31/26		RESTEK, Lot A0216327		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00027	01/31/26		RESTEK, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00031	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00102	09/30/25		RESTEK, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00203	05/01/25	04/01/25	MeOH, Lot EI863-US	50 mL	Mega Mix_00043	1 mL	Xylenes, Total	100 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
8260MIX1COMB_00205	06/06/25	05/06/25	MeOH, Lot EJ660-US	50 mL	KetonesC_00031	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix_00043	1 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC_00031	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
ACROLEIN W_00182	05/13/25	04/13/25	MeOH, Lot EI863-US	10 mL	ACROLEIN_00025	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00025	09/30/25		RESTEK, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00136	04/27/25	03/27/25	MeOH, Lot EI863-US	10 mL	Acrylonitrile_00010	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00015	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00010	06/15/26		ABSOLUTE, Lot 061523		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00039							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	500 uL	4-Bromofluorobenzene	25 ug/mL
							BFB	25 ug/mL
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
Ethanol mix_00100	04/26/25	03/26/25	MeOH, Lot EI863-US	5 mL	ETHANOL(new)_00026	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00026	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00619	04/25/25	04/18/25	MeOH, Lot EI863-US	10 mL	GASES SS_00028	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00028	05/31/27		RESTEK, Lot A0211505		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00493	04/22/25	04/08/25	MeOH, Lot EI863-US	5 mL	GASES C_00042	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00637	04/24/25	04/17/25	MeOH, Lot EI863-US	25 mL	GASES C_00042	500 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00640	05/10/25	05/03/25	MeOH, Lot EI863-US	25 mL	GASES C_00042	500 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00160	04/27/25	03/27/25	MeOH, Lot EI863-US	5 mL	Extra Cmpd_00025	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00024	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00027	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00031	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.Extra Cmpd_00025	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00024	03/31/26		RESTEK, Lot A0216327		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00027	01/31/26		RESTEK, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00031	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00187	04/27/25	03/27/25	MeOH, Lot EI863-US	5 mL	EPICH(working_00015	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00031	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
					Mega Mix_00043	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chlorodibromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromomethane	500 ug/mL
							Dichlorobromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00102	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00031	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00102	09/30/25	RESTEK, Lot A0209567			(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VOA6IS/SURR_00080	05/21/25	03/21/25	MeOH, Lot EI863-US	5 mL	8260 SURR C_00068	100 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					8260ISNEW_00210	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260 SURR C_00068	05/31/29	RESTEK, Lot A0211048			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.8260ISNEW_00210	09/30/29	RESTEK, Lot A0217062			(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL

Reagent

1,4-Dioxane P_00001

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Certified Reference Material CRM

R 2596

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CERTIFIED WEIGHT REPORT

Part Number: 70373
Lot Number: 092724
Description: 1,4-Dioxane

Primary Container # 12391162

Solvent: Methanol **Lot#** EI863-US

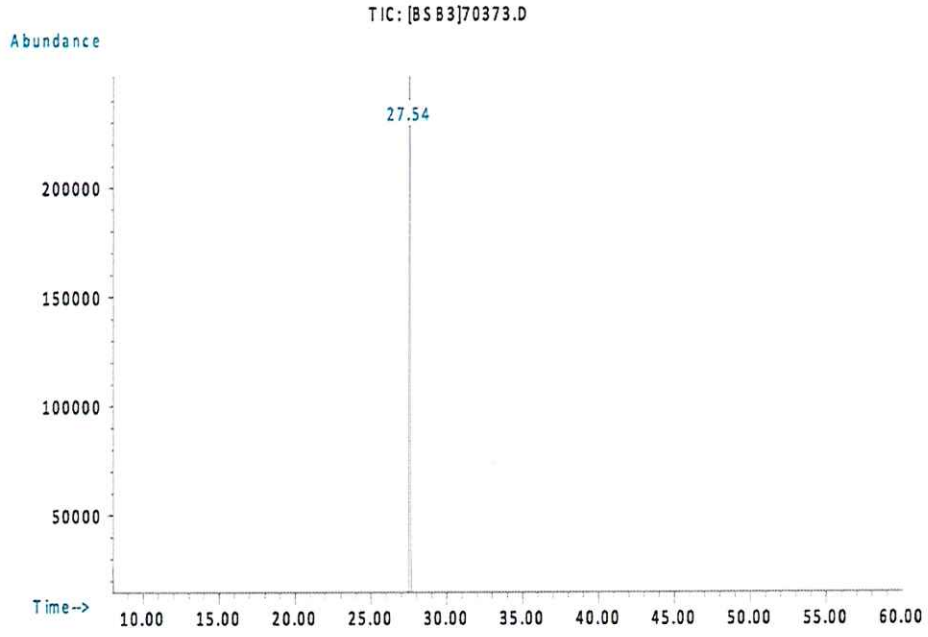
Expiration Date: 092729
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

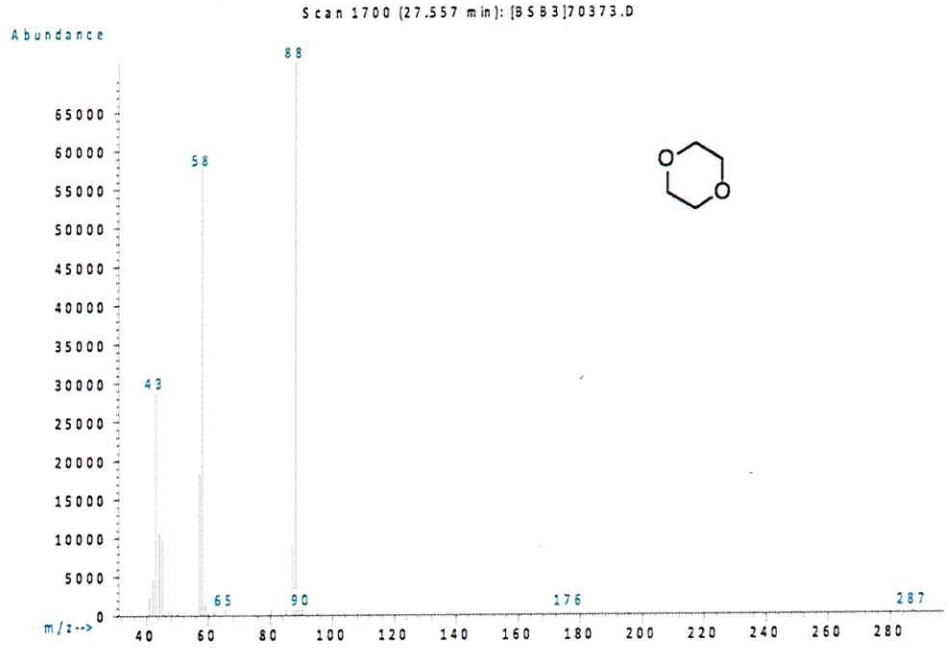
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 200.0
0.002 Flask Uncertainty

Formulated By:	Prashant Chauhan	092724 DATE
Reviewed By:	Pedro L. Rentas	092724 DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	1,4-Dioxane	373	03853KE	1000	99	0.2	0.20200	0.20220	1001.0	4.1	123-91-1	25 ppm (90mg/m3/8H)(skin)	orl-mus 5700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness). Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. Analysis performed by Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

7 Freons_00008

Absolute Standards, Inc.
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Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EF282-USQ5

R2563
MS 12/10/24 #12227931

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Eli Aliaga	040723
Formulated By: Eli Aliaga	DATE
Pedro Rentas	040723
Reviewed By: Pedro L. Rentas	DATE

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2. Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3. Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4. 1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5. 2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6. 1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7. 1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

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- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

8260 SURR C_00068

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2586

MS 1/22/25

12305105

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260ISNEW_00210

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Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

R2592

MS 2/7/25 #12340821

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0217062

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,001.3 µg/mL	+/- 62.1141
2	2-Butanone-d5	24313-50-6	M-276	99%	1,250.9 µg/mL	+/- 15.5357
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.0 µg/mL	+/- 3.1065
4	1,4-Dioxane-d8	17647-74-4	RP240917A	99%	5,004.3 µg/mL	+/- 62.1513
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.3 µg/mL	+/- 3.1102
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1152

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)

CAS # 67-56-1/7732-18-5

Purity 99%

Page 621

Reagent

ACROLEIN_00025

R2511

RESTEK

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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0209476

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RP240118CTH	99%	19,917.5 µg/mL	+/- 585.1357

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Page 37 of 221

Reagent

Acrylonitrile_00010

Absolute Standards, Inc.
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Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 061523
Description: Acrylonitrile

Solvent: Methanol **Lot#** EE584-USQ7

R2520 #11756671
MS 5/21/24

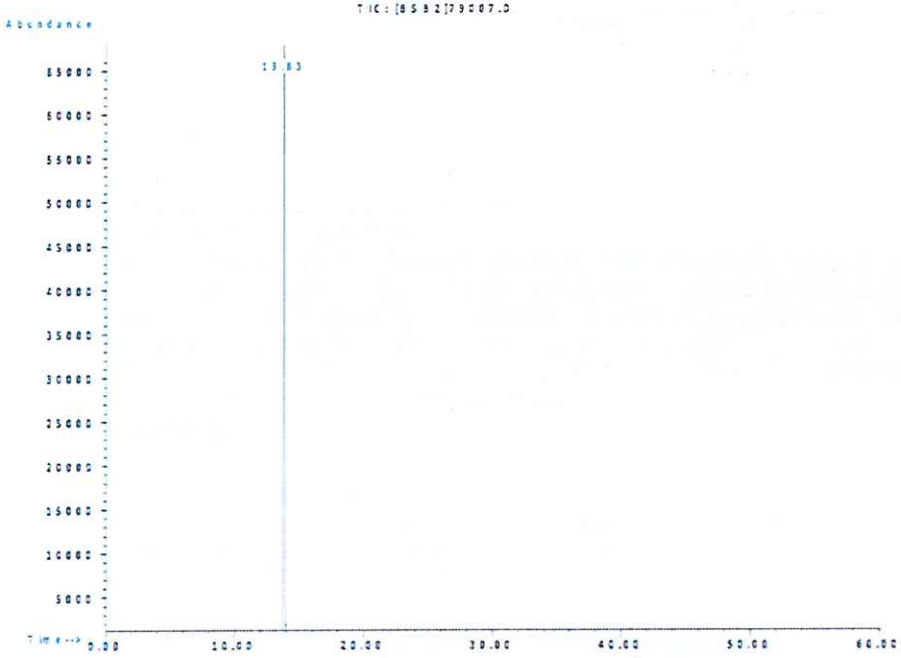
Expiration Date: 061526
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

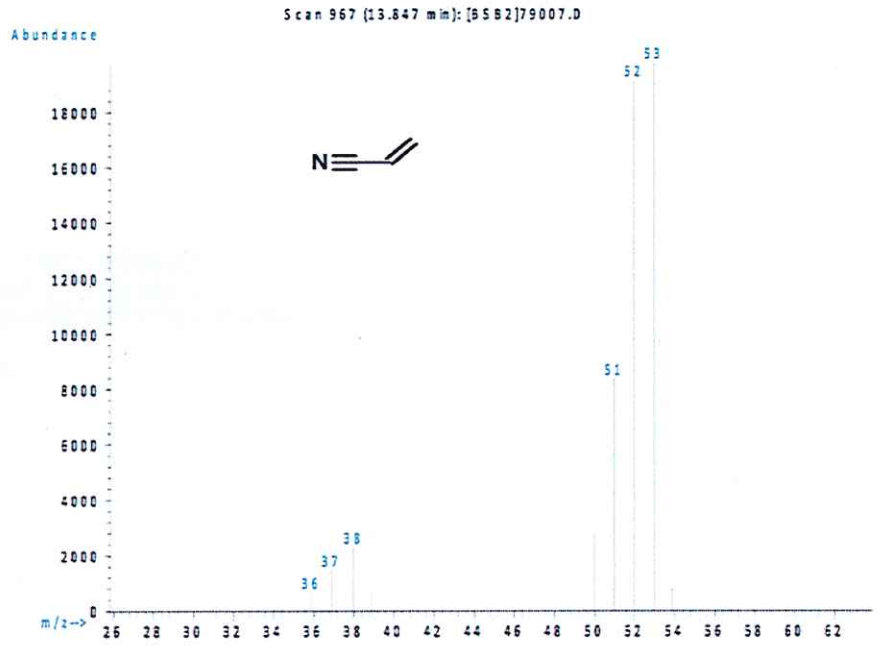
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0
0.001 Flask Uncertainty

Formulated By:	Eli Aliaga	061523 DATE
Reviewed By:	Pedro L. Rentas	061523 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05063	1001.9	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

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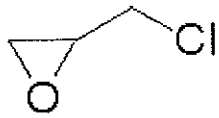
Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 °C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

ETHANOL(new)_00026

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R2582

MS 1/15/25 #12292276

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0220852

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR7934	99%	100,059.0 µg/mL	+/- 1,244.6087

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Extra Cmpd_00025

CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 010825
Description: VOC Standard 2015
14 components
Expiration Date: 010828
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EJ143-USQ6

R2581

MS 1/10/25 #12285003

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 75.0 0.021 Flask Uncertainty

Prashant Chauhan		010825
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		010825
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. n-Amyl acetate	1515	OGL01	2500	98	0.2	0.19133	0.19150	2502.3	10.4	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2. tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.19133	0.19144	2501.5	10.4	919-94-8	N/A	inh-mus 81284mg/m3/15H
3. n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.18939	0.18948	2501.1	10.3	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4. Butyl methacrylate	1314	03220HG	2500	99	0.2	0.18939	0.18950	2501.4	10.3	97-88-1	N/A	orl-rat 18 g/kg
5. Cyclopentene	519	MKCL5160	2500	98.3	0.2	0.19074	0.19089	2501.9	10.4	142-29-0	N/A	orl-rat 1656mg/kg
6. 4-Ethyltoluene	1001	031097	2500	99	0.2	0.18939	0.18945	2500.7	10.3	622-96-8	N/A	N/A
7. Indan	955	06309PV	2500	96	0.2	0.19531	0.19545	2501.8	10.6	496-11-7	N/A	N/A
8. Isoprene	1541	SHBN7340	2500	99.7	0.2	0.18806	0.18825	2502.5	10.2	78-79-5	N/A	N/A
9. Isopropyl acetate	1106	MKCQ4616	2500	99.90	0.2	0.18769	0.18781	2501.6	10.2	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10. Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.18769	0.18780	2501.5	10.2	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11. n-Pentane	783	LX202310NP	**5000**	99.57	0.2	0.37662	0.37682	**5002.7**	20.3	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12. Propyl acetate	1105	05017HY	2500	99	0.2	0.18939	0.18950	2501.4	10.3	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13. 1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.19133	0.19150	2502.3	10.4	95-93-2	N/A	orl-rat 6989mg/kg
14. 1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.19133	0.19148	2502.0	10.4	105-05-5	N/A	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Reagent

GASES C_00042

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R2588

MS 2/5/25 # 12335374

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Pag 621

Reagent

GASES SS_00028

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2560

MS 11/1/24 #12143985

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0211505

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,506.6 µg/mL	+/- 141.9557
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,508.3 µg/mL	+/- 142.1039
3	Vinyl chloride	75-01-4 *	00015559	99%	2,513.8 µg/mL	+/- 142.7235
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,508.8 µg/mL	+/- 142.0275
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,535.7 µg/mL	+/- 145.7487
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,503.6 µg/mL	+/- 141.4181
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,523.6 µg/mL	+/- 141.7792
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,509.1 µg/mL	+/- 141.8184

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

KetonesC SS_00017

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Certificate of Analysis

chromatographic plus

MS 8/20/24 R2539 #11963401

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0209876

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	U19I024	99%	12,580.0 µg/mL	+/- 434.7940
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,611.6 µg/mL	+/- 435.8862
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,576.4 µg/mL	+/- 434.6696
4	2-Hexanone	591-78-6.SEC	NXXXA	99%	12,574.8 µg/mL	+/- 434.6143

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

KetonesC_00031

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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MS 2/6/25 R2590 #12337663

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

LIST2/STD6_00024

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

1/8125 MS R2580 #12280646

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0216327

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBR6536	99%	25,028.0 µg/mL	+/- 409.2558
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	SYN240402ECS	99%	2,515.0 µg/mL	+/- 41.1371
3	Methacrylonitrile	126-98-7	1012014	99%	25,025.0 µg/mL	+/- 409.2067
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBP5702	99%	2,512.0 µg/mL	+/- 41.0880
5	1-Butanol	71-36-3	101601K21K	99%	62,571.0 µg/mL	+/- 1,023.1558
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,019.8 µg/mL	+/- 82.1065
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,509.0 µg/mL	+/- 41.0390
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	2,507.8 µg/mL	+/- 41.0197
9	Benzyl chloride	100-44-7	MKCM5986	99%	2,509.0 µg/mL	+/- 41.0390
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,510.0 µg/mL	+/- 41.0553

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD7_00027

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2579

1/3125 MS

#122753641

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0213624

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBR4534	99%	5,029.0 µg/mL	+/- 173.8139
2	Ethyl acrylate	140-88-5	10129902	99%	2,508.5 µg/mL	+/- 86.7053
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,011.5 µg/mL	+/- 173.2091
4	Butyl acetate	123-86-4	SHBR2024	99%	2,508.5 µg/mL	+/- 86.7053

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Mega Mix SS_00022

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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R2538

MS 8/20/24 # 11963397

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992.SEC **Lot No.:** A0195252

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7.SEC	F23X068	99%	2,516.7 µg/mL	+/- 86.9644
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1.SEC	18342	99%	2,520.0 µg/mL	+/- 87.0795
3	1,1-Dichloroethene	75-35-4.SEC	13896500	99%	2,525.0 µg/mL	+/- 87.2523
4	tert-Butanol (TBA)	75-65-0.SEC	DI34O	99%	25,129.5 µg/mL	+/- 868.3580
5	Methyl acetate	79-20-9.SEC	UCNEL	99%	5,029.0 µg/mL	+/- 173.7790
6	Iodomethane (methyl iodide)	74-88-4.SEC	Y25A027	99%	2,521.7 µg/mL	+/- 87.1371
7	Allyl chloride (3-chloropropene)	107-05-1.SEC	RD210329	99%	2,518.2 µg/mL	+/- 87.0162
8	Methylene chloride (dichloromethane)	75-09-2.SEC	FGM02	99%	2,516.7 µg/mL	+/- 86.9644
9	Carbon disulfide	75-15-0.SEC	MKBL1376V	99%	2,511.7 µg/mL	+/- 86.7916
10	Acrylonitrile	107-13-1.SEC	V54AD	99%	25,200.3 µg/mL	+/- 870.8057
11	Methyl-tert-butyl ether (MTBE)	1634-04-4.SEC	CDCQG	99%	2,517.3 µg/mL	+/- 86.9874
12	cis-1,2-Dichloroethene	156-59-2.SEC	YZO5O	99%	2,515.3 µg/mL	+/- 86.9183
13	n-Hexane (C6)	110-54-3.SEC	10188491	99%	2,514.7 µg/mL	+/- 86.8953
14	1,1-Dichloroethane	75-34-3.SEC	1026.30-3	98%	2,512.6 µg/mL	+/- 86.8223
15	2,2-Dichloropropane	594-20-7.SEC	GI01	99%	2,521.5 µg/mL	+/- 87.1314
16	trans-1,2-Dichloroethene	156-60-5.SEC	L5QOH	99%	2,525.0 µg/mL	+/- 87.2523

17	Isobutanol (2-Methyl-1-propanol)	78-83-1.SEC PH2XK	99%	62,830.8	µg/mL	+/- 2,171.1398
18	Chloroform	67-66-3.SEC 1297547	99%	2,511.7	µg/mL	+/- 86.7916
19	Bromochloromethane	74-97-5 * 230206JLM	99%	2,515.7	µg/mL	+/- 86.9298
20	Tetrahydrofuran	109-99-9.SEC 3NYHE	99%	5,018.5	µg/mL	+/- 173.4162
21	1,1,1-Trichloroethane	71-55-6.SEC 13891800	99%	2,506.5	µg/mL	+/- 86.6130
22	Cyclohexane	110-82-7.SEC YADRA	99%	2,523.3	µg/mL	+/- 87.1947
23	1,1-Dichloropropene	563-58-6.SEC 556500	99%	2,520.5	µg/mL	+/- 87.0968
24	Carbon tetrachloride	56-23-5.SEC 11466	99%	2,520.5	µg/mL	+/- 87.0968
25	n-Heptane (C7)	142-82-5.SEC TFHUC	99%	2,516.5	µg/mL	+/- 86.9586
26	1,2-Dichloroethane	107-06-2.SEC 00016165	99%	2,519.8	µg/mL	+/- 87.0738
27	Benzene	71-43-2.SEC 101960P29K	99%	2,518.8	µg/mL	+/- 87.0392
28	Trichloroethene	79-01-6.SEC H04X050	99%	2,524.3	µg/mL	+/- 87.2293
29	Methylcyclohexane	108-87-2.SEC Q02QG	99%	2,515.8	µg/mL	+/- 86.9356
30	1,2-Dichloropropane	78-87-5.SEC ERRBI-RH	99%	2,516.8	µg/mL	+/- 86.9701
31	1,4-Dioxane	123-91-1.SEC QHRWO	99%	50,137.2	µg/mL	+/- 1,732.5061
32	Dibromomethane	74-95-3.SEC MOKKJ	99%	2,516.3	µg/mL	+/- 86.9528
33	cis-1,3-Dichloropropene	10061-01-5.SEC ZLXJ-TJ	99%	2,502.8	µg/mL	+/- 86.4863
34	Toluene	108-88-3.SEC YND2B-BD	99%	2,522.2	µg/mL	+/- 87.1544
35	Ethyl methacrylate	97-63-2.SEC AQSPO	99%	2,510.8	µg/mL	+/- 86.7628
36	trans-1,3-Dichloropropene	10061-02-6.SEC DMSL	98%	2,517.1	µg/mL	+/- 86.9804
37	1,1,2-Trichloroethane	79-00-5.SEC 9245400	99%	2,512.2	µg/mL	+/- 86.8089
38	1,3-Dichloropropane	142-28-9.SEC IQCON	99%	2,519.3	µg/mL	+/- 87.0565
39	Tetrachloroethene	127-18-4.SEC F09W014	99%	2,521.3	µg/mL	+/- 87.1256
40	Dibromochloromethane	124-48-1.SEC 10234064	99%	2,517.5	µg/mL	+/- 86.9932
41	1,2-Dibromoethane (EDB)	106-93-4.SEC 050675P15E	99%	2,518.3	µg/mL	+/- 87.0220
42	Chlorobenzene	108-90-7.SEC 1161936	99%	2,515.8	µg/mL	+/- 86.9356
43	m-Xylene	108-38-3.SEC 7ZV6F	99%	1,255.3	µg/mL	+/- 43.3814
44	p-Xylene	106-42-3.SEC D6UOA	99%	1,260.3	µg/mL	+/- 43.5541
45	Ethylbenzene	100-41-4.SEC PI4SE	99%	2,517.7	µg/mL	+/- 86.9989
46	1,1,1,2-Tetrachloroethane	630-20-6.SEC 13789800	99%	2,517.5	µg/mL	+/- 86.9932
47	o-Xylene	95-47-6.SEC UJ6RI	99%	2,515.8	µg/mL	+/- 86.9356
48	Styrene	100-42-5.SEC QGQ7F	99%	2,521.3	µg/mL	+/- 87.1256
49	Isopropylbenzene (cumene)	98-82-8.SEC 7P24L	99%	2,515.0	µg/mL	+/- 86.9068
50	Bromoform	75-25-2.SEC 13723500	99%	2,522.5	µg/mL	+/- 87.1659
51	Bromodichloromethane	75-27-4.SEC 28128	99%	2,524.2	µg/mL	+/- 87.2235
52	1,1,2,2-Tetrachloroethane	79-34-5.SEC BCCD5088	99%	2,523.7	µg/mL	+/- 87.2063

53	1,2,3-Trichloropropane	96-18-4.SEC 6V2ED	99%	2,522.2	µg/mL	+/- 87.1544
54	trans-1,4-Dichloro-2-butene	110-57-6.SEC RD230316RSR	96%	2,517.0	µg/mL	+/- 86.9745
55	n-Propylbenzene	103-65-1.SEC XCGEC	99%	2,518.8	µg/mL	+/- 87.0392
56	Bromobenzene	108-86-1.SEC 2FUHG-EM	99%	2,518.3	µg/mL	+/- 87.0220
57	1,3,5-Trimethylbenzene	108-67-8.SEC GI2SM	99%	2,514.3	µg/mL	+/- 86.8837
58	2-Chlorotoluene	95-49-8.SEC BRHPM	99%	2,515.7	µg/mL	+/- 86.9298
59	4-Chlorotoluene	106-43-4.SEC S5SKD	99%	2,518.8	µg/mL	+/- 87.0392
60	tert-Butylbenzene	98-06-6.SEC D6OHC	99%	2,522.0	µg/mL	+/- 87.1487
61	1,2,4-Trimethylbenzene	95-63-6.SEC JHZDD	99%	2,517.3	µg/mL	+/- 86.9874
62	sec-Butylbenzene	135-98-8.SEC O4HRF	99%	2,522.0	µg/mL	+/- 87.1487
63	4-Isopropyltoluene (p-cymene)	99-87-6.SEC 13889300	98%	2,518.1	µg/mL	+/- 87.0142
64	1,3-Dichlorobenzene	541-73-1.SEC ZA2ZI	99%	2,515.0	µg/mL	+/- 86.9068
65	1,4-Dichlorobenzene	106-46-7.SEC J5GVD	99%	2,522.5	µg/mL	+/- 87.1659
66	n-Butylbenzene	104-51-8.SEC MMPGA	99%	2,523.7	µg/mL	+/- 87.2063
67	1,2-Dichlorobenzene	95-50-1.SEC R6QDM	99%	2,512.0	µg/mL	+/- 86.8031
68	1,2-Dibromo-3-chloropropane	96-12-8.SEC Q135-105	99%	2,517.7	µg/mL	+/- 86.9989
69	1,2,4-Trichlorobenzene	120-82-1.SEC IGLFA	99%	2,515.7	µg/mL	+/- 86.9298
70	Hexachlorobutadiene	87-68-3.SEC 13889400	97%	2,520.4	µg/mL	+/- 87.0928
71	Naphthalene	91-20-3.SEC AM5NG	99%	2,520.0	µg/mL	+/- 87.0795
72	1,2,3-Trichlorobenzene	87-61-6.SEC A0043055	99%	2,517.8	µg/mL	+/- 87.0047

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

Mega Mix_00043

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

MS 1/3/25 R 2576 #12275361

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

POLAR ADD_00031

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

1/3/25 MS R2578 #12275363

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0210249

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,019.2 µg/mL	+/- 409.1119
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,512.4 µg/mL	+/- 41.0946
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	2,519.0 µg/mL	+/- 41.2024
4	Propionitrile	107-12-0	BCCH7430	99%	25,234.4 µg/mL	+/- 412.6308
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,096.4 µg/mL	+/- 410.3743
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,517.2 µg/mL	+/- 41.1731

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Vinyl Acetate_00102

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2558

MS 10/15/24 #12100078

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0209567

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RP231030CTH	98%	5,034.8 µg/mL	+/- 173.9777

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

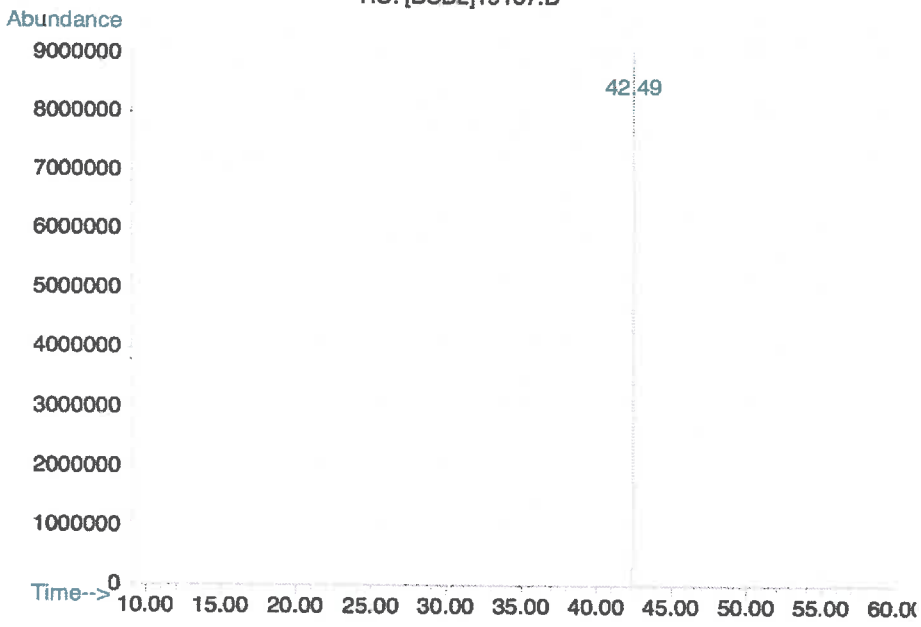
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	030822
Formulated By: Benson Chan	DATE
	030822
Reviewed By: Pedro L. Rentas	DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	ori-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.

TIC: [BSB2]19167.D



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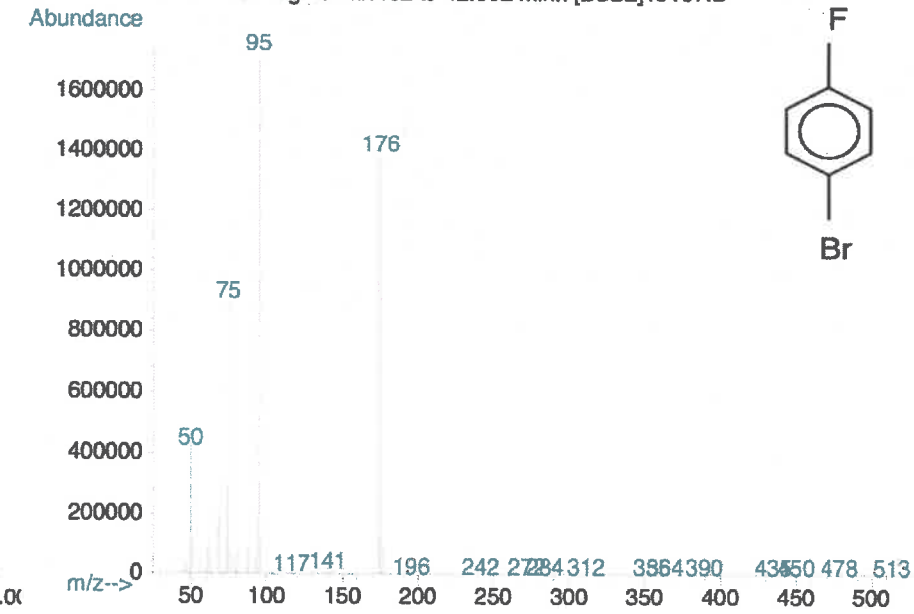


- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-06_20250501	460-325502-1	84	82	107	83
MW-07_20250501	460-325502-2	84	82	105	83
MW-08_20250501	460-325502-3	83	81	105	84
Dup-01_20250501	460-325502-4	83	80	106	83
FB-01_20250501	460-325502-5	82	82	109	84
TB-01_20250501	460-325502-6	83	82	108	84
	MB 460-1036114/7	82	80	106	83
	LCS 460-1036114/3	82	83	108	85
	LCSD 460-1036114/4	83	88	108	85
MW-06_20250501 MS	460-325502-1 MS	85	82	107	84
MW-06_20250501 MSD	460-325502-1 MSD	84	81	108	85

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690542.D

Lab ID: LCS 460-1036114/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	16.3	81	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.8	114	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.3	81	65-142	
1,1,2-Trichloroethane	20.0	21.5	108	74-125	
1,1-Dichloroethane	20.0	18.5	92	73-130	
1,1-Dichloroethene	20.0	19.3	97	68-133	
1,2,3-Trichlorobenzene	20.0	17.4	87	55-150	
1,2,4-Trichlorobenzene	20.0	17.4	87	67-132	
1,2,4-Trimethylbenzene	20.0	21.7	108	75-125	
1,2-Dibromo-3-Chloropropane	20.0	17.9	89	58-132	
1,2-Dichlorobenzene	20.0	19.6	98	80-120	
1,2-Dichloroethane	20.0	15.0	75	66-129	
1,2-Dichloropropane	20.0	19.1	96	72-128	
1,3,5-Trimethylbenzene	20.0	21.6	108	75-125	
1,3-Dichlorobenzene	20.0	20.1	101	80-120	
1,4-Dichlorobenzene	20.0	19.6	98	80-120	
2-Butanone (MEK)	100	94.9	95	65-142	
2-Hexanone	100	103	103	72-134	
4-Methyl-2-pentanone (MIBK)	100	106	106	77-130	
Acetone	100	92.5	92	60-133	
Benzene	20.0	22.8	114	71-126	
Bromoform	20.0	14.6	73	58-128	
Bromomethane	20.0	12.2	61	33-150	
Carbon disulfide	20.0	18.2	91	35-150	
Carbon tetrachloride	20.0	16.0	80	65-131	
Chlorobenzene	20.0	20.0	100	80-120	
Chlorobromomethane	20.0	17.4	87	71-134	
Chlorodibromomethane	20.0	18.0	90	73-121	
Chloroethane	20.0	23.0	115	54-150	
Chloroform	20.0	17.6	88	78-125	
Chloromethane	20.0	22.5	113	43-149	
cis-1,2-Dichloroethene	20.0	19.2	96	78-121	
cis-1,3-Dichloropropene	20.0	20.3	102	74-125	
Cyclohexane	20.0	17.2	86	64-142	
Dichlorobromomethane	20.0	15.9	80	76-121	
Dichlorodifluoromethane	20.0	17.9	89	38-144	
Ethylbenzene	20.0	20.1	100	78-120	
Ethylene Dibromide	20.0	19.5	98	79-126	
Isopropylbenzene	20.0	20.1	100	79-125	
Methyl acetate	40.0	43.6	109	50-147	
Methyl tert-butyl ether	20.0	16.8	84	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690542.D

Lab ID: LCS 460-1036114/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	16.1	81	63-138	
Methylene Chloride	20.0	21.0	105	74-127	
m-Xylene & p-Xylene	20.0	19.7	99	78-120	
n-Butylbenzene	20.0	23.1	116	69-135	
N-Propylbenzene	20.0	23.8	119	68-129	
o-Xylene	20.0	20.1	100	78-120	
sec-Butylbenzene	20.0	22.7	113	77-129	
Styrene	20.0	20.8	104	82-127	
tert-Butylbenzene	20.0	21.1	106	78-120	
Tetrachloroethene	20.0	16.6	83	70-127	
Toluene	20.0	21.0	105	78-120	
trans-1,2-Dichloroethene	20.0	19.1	96	70-126	
trans-1,3-Dichloropropene	20.0	18.8	94	71-127	
Trichloroethene	20.0	17.7	89	73-121	
Trichlorofluoromethane	20.0	17.0	85	62-134	
Vinyl chloride	20.0	25.7	129	55-144	
Xylenes, Total	40.0	39.8	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690543.D

Lab ID: LCSD 460-1036114/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	16.5	82	1	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.3	112	2	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.1	85	5	30	65-142	
1,1,2-Trichloroethane	20.0	21.0	105	2	30	74-125	
1,1-Dichloroethane	20.0	18.5	93	0	30	73-130	
1,1-Dichloroethene	20.0	19.7	98	2	30	68-133	
1,2,3-Trichlorobenzene	20.0	17.4	87	0	30	55-150	
1,2,4-Trichlorobenzene	20.0	17.3	86	1	30	67-132	
1,2,4-Trimethylbenzene	20.0	21.4	107	1	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	18.3	92	3	30	58-132	
1,2-Dichlorobenzene	20.0	19.4	97	1	30	80-120	
1,2-Dichloroethane	20.0	15.8	79	6	30	66-129	
1,2-Dichloropropane	20.0	18.8	94	2	30	72-128	
1,3,5-Trimethylbenzene	20.0	21.4	107	1	30	75-125	
1,3-Dichlorobenzene	20.0	19.7	99	2	30	80-120	
1,4-Dichlorobenzene	20.0	19.5	97	1	30	80-120	
2-Butanone (MEK)	100	94.5	94	0	30	65-142	
2-Hexanone	100	103	103	0	30	72-134	
4-Methyl-2-pentanone (MIBK)	100	106	106	0	30	77-130	
Acetone	100	97.8	98	6	30	60-133	
Benzene	20.0	22.3	112	2	30	71-126	
Bromoform	20.0	15.4	77	5	30	58-128	
Bromomethane	20.0	14.6	73	17	30	33-150	
Carbon disulfide	20.0	18.7	94	3	30	35-150	
Carbon tetrachloride	20.0	16.3	82	2	30	65-131	
Chlorobenzene	20.0	19.9	99	1	30	80-120	
Chlorobromomethane	20.0	17.3	87	0	30	71-134	
Chlorodibromomethane	20.0	18.8	94	4	30	73-121	
Chloroethane	20.0	23.8	119	4	30	54-150	
Chloroform	20.0	17.5	88	1	30	78-125	
Chloromethane	20.0	23.8	119	6	30	43-149	
cis-1,2-Dichloroethene	20.0	18.8	94	3	30	78-121	
cis-1,3-Dichloropropene	20.0	20.5	103	1	30	74-125	
Cyclohexane	20.0	16.8	84	2	30	64-142	
Dichlorobromomethane	20.0	16.0	80	0	30	76-121	
Dichlorodifluoromethane	20.0	19.2	96	7	30	38-144	
Ethylbenzene	20.0	20.0	100	0	30	78-120	
Ethylene Dibromide	20.0	19.9	99	2	30	79-126	
Isopropylbenzene	20.0	19.9	99	1	30	79-125	
Methyl acetate	40.0	45.4	114	4	30	50-147	
Methyl tert-butyl ether	20.0	17.7	89	5	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690543.D

Lab ID: LCSD 460-1036114/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	16.1	80	0	30	63-138	
Methylene Chloride	20.0	21.3	107	2	30	74-127	
m-Xylene & p-Xylene	20.0	19.8	99	0	30	78-120	
n-Butylbenzene	20.0	22.5	113	3	30	69-135	
N-Propylbenzene	20.0	23.5	117	1	30	68-129	
o-Xylene	20.0	20.3	102	1	30	78-120	
sec-Butylbenzene	20.0	21.9	109	4	30	77-129	
Styrene	20.0	20.7	104	0	30	82-127	
tert-Butylbenzene	20.0	20.7	104	2	30	78-120	
Tetrachloroethene	20.0	16.5	83	0	30	70-127	
Toluene	20.0	20.9	105	0	30	78-120	
trans-1,2-Dichloroethene	20.0	19.4	97	1	30	70-126	
trans-1,3-Dichloropropene	20.0	19.4	97	3	30	71-127	
Trichloroethene	20.0	17.5	88	1	30	73-121	
Trichlorofluoromethane	20.0	18.2	91	7	30	62-134	
Vinyl chloride	20.0	26.9	134	4	30	55-144	
Xylenes, Total	40.0	40.1	100	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690566.D

Lab ID: 460-325502-1 MS Client ID: MW-06_20250501 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	15.7	78	72-128	
1,1,2,2-Tetrachloroethane	20.0	0.20 U	23.4	117	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	17.8	89	65-142	
1,1,2-Trichloroethane	20.0	0.58 U	21.5	107	74-125	
1,1-Dichloroethane	20.0	1.0 U	18.6	93	73-130	
1,1-Dichloroethene	20.0	1.0 U	18.4	92	68-133	
1,2,3-Trichlorobenzene	20.0	1.0 U	15.0	75	55-150	
1,2,4-Trichlorobenzene	20.0	1.0 U	14.9	74	67-132	
1,2,4-Trimethylbenzene	20.0	1.0 U	18.3	91	75-125	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	16.5	82	58-132	
1,2-Dichlorobenzene	20.0	1.0 U	19.4	97	80-120	
1,2-Dichloroethane	20.0	0.30 U	14.3	71	66-129	
1,2-Dichloropropane	20.0	0.92 U	19.7	99	72-128	
1,3,5-Trimethylbenzene	20.0	1.0 U	19.1	95	75-125	
1,3-Dichlorobenzene	20.0	1.0 U	19.2	96	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	18.7	93	80-120	
2-Butanone (MEK)	100	5.0 U	86.9	87	65-142	
2-Hexanone	100	5.0 U	98.8	99	72-134	
4-Methyl-2-pentanone (MIBK)	100	5.0 U	104	104	77-130	
Acetone	100	5.0 U	81.4	81	60-133	
Benzene	20.0	0.45 U	22.2	111	71-126	
Bromoform	20.0	1.0 U	13.8	69	58-128	
Bromomethane	20.0	1.0 U	7.03	35	33-150	
Carbon disulfide	20.0	1.0 U	17.0	85	35-150	
Carbon tetrachloride	20.0	1.0 U	15.2	76	65-131	
Chlorobenzene	20.0	1.0 U	19.4	97	80-120	
Chlorobromomethane	20.0	1.0 U	16.9	85	71-134	
Chlorodibromomethane	20.0	0.78 U	17.3	86	73-121	
Chloroethane	20.0	1.0 U	21.8	109	54-150	
Chloroform	20.0	0.66 J	18.2	87	78-125	
Chloromethane	20.0	1.0 U	20.9	104	43-149	
cis-1,2-Dichloroethene	20.0	1.0 U	19.3	96	78-121	
cis-1,3-Dichloropropene	20.0	0.45 U	18.4	92	74-125	
Cyclohexane	20.0	1.0 U	18.4	92	64-142	
Dichlorobromomethane	20.0	0.98 U	15.3	76	76-121	
Dichlorodifluoromethane	20.0	1.0 U	19.0	95	38-144	
Ethylbenzene	20.0	1.0 U	19.1	96	78-120	
Ethylene Dibromide	20.0	1.0 U	19.1	95	79-126	
Isopropylbenzene	20.0	1.0 U	19.4	97	79-125	
Methyl acetate	40.0	5.0 U	36.8	92	50-147	
Methyl tert-butyl ether	20.0	1.0 U	15.1	76	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690566.D

Lab ID: 460-325502-1 MS Client ID: MW-06_20250501 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	1.0 U	17.8	89	63-138	
Methylene Chloride	20.0	1.0 U	20.0	100	74-127	
m-Xylene & p-Xylene	20.0	1.0 U	18.5	93	78-120	
n-Butylbenzene	20.0	1.0 U	21.3	107	69-135	
N-Propylbenzene	20.0	1.0 U	22.8	114	68-129	
o-Xylene	20.0	1.0 U	19.1	95	78-120	
sec-Butylbenzene	20.0	1.0 U	21.5	108	77-129	
Styrene	20.0	1.0 U	16.1	80	82-127	*
tert-Butylbenzene	20.0	1.0 U	20.1	101	78-120	
Tetrachloroethene	20.0	42	49.5	39	70-127	*
Toluene	20.0	1.0 U	20.5	102	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	18.6	93	70-126	
trans-1,3-Dichloropropene	20.0	0.45 U	16.2	81	71-127	
Trichloroethene	20.0	0.38	17.4	85	73-121	
Trichlorofluoromethane	20.0	1.0 U	16.9	84	62-134	
Vinyl chloride	20.0	1.0 U	25.3	126	55-144	
Xylenes, Total	40.0	2.0 U	37.6	94	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690567.D

Lab ID: 460-325502-1 MSD Client ID: MW-06_20250501 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	16.8	84	7	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	24.8	124	6	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.9	94	6	30	65-142	
1,1,2-Trichloroethane	20.0	22.6	113	5	30	74-125	
1,1-Dichloroethane	20.0	19.6	98	5	30	73-130	
1,1-Dichloroethene	20.0	19.6	98	6	30	68-133	
1,2,3-Trichlorobenzene	20.0	16.8	84	11	30	55-150	
1,2,4-Trichlorobenzene	20.0	16.7	83	12	30	67-132	
1,2,4-Trimethylbenzene	20.0	20.0	100	9	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	17.3	87	5	30	58-132	
1,2-Dichlorobenzene	20.0	20.5	102	5	30	80-120	
1,2-Dichloroethane	20.0	15.2	76	6	30	66-129	
1,2-Dichloropropane	20.0	20.8	104	5	30	72-128	
1,3,5-Trimethylbenzene	20.0	20.5	103	7	30	75-125	
1,3-Dichlorobenzene	20.0	20.4	102	6	30	80-120	
1,4-Dichlorobenzene	20.0	20.1	101	8	30	80-120	
2-Butanone (MEK)	100	91.6	92	5	30	65-142	
2-Hexanone	100	106	106	7	30	72-134	
4-Methyl-2-pentanone (MIBK)	100	110	110	6	30	77-130	
Acetone	100	87.1	87	7	30	60-133	
Benzene	20.0	24.1	120	8	30	71-126	
Bromoform	20.0	15.1	75	9	30	58-128	
Bromomethane	20.0	12.2	61	54	30	33-150	*
Carbon disulfide	20.0	18.2	91	7	30	35-150	
Carbon tetrachloride	20.0	16.6	83	9	30	65-131	
Chlorobenzene	20.0	21.1	105	8	30	80-120	
Chlorobromomethane	20.0	18.1	91	7	30	71-134	
Chlorodibromomethane	20.0	18.5	93	7	30	73-121	
Chloroethane	20.0	22.7	113	4	30	54-150	
Chloroform	20.0	19.0	91	4	30	78-125	
Chloromethane	20.0	22.3	112	7	30	43-149	
cis-1,2-Dichloroethene	20.0	20.0	100	4	30	78-121	
cis-1,3-Dichloropropene	20.0	20.3	102	10	30	74-125	
Cyclohexane	20.0	19.7	98	7	30	64-142	
Dichlorobromomethane	20.0	16.2	81	6	30	76-121	
Dichlorodifluoromethane	20.0	20.1	101	6	30	38-144	
Ethylbenzene	20.0	20.8	104	8	30	78-120	
Ethylene Dibromide	20.0	20.6	103	8	30	79-126	
Isopropylbenzene	20.0	21.3	106	9	30	79-125	
Methyl acetate	40.0	38.3	96	4	30	50-147	
Methyl tert-butyl ether	20.0	16.1	81	7	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690567.D

Lab ID: 460-325502-1 MSD Client ID: MW-06_20250501 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	18.9	94	6	30	63-138	
Methylene Chloride	20.0	21.4	107	7	30	74-127	
m-Xylene & p-Xylene	20.0	20.2	101	9	30	78-120	
n-Butylbenzene	20.0	23.0	115	8	30	69-135	
N-Propylbenzene	20.0	24.5	123	7	30	68-129	
o-Xylene	20.0	20.8	104	9	30	78-120	
sec-Butylbenzene	20.0	23.1	115	7	30	77-129	
Styrene	20.0	17.9	90	11	30	82-127	
tert-Butylbenzene	20.0	21.7	108	7	30	78-120	
Tetrachloroethene	20.0	52.3	53	5	30	70-127	*
Toluene	20.0	22.1	110	8	30	78-120	
trans-1,2-Dichloroethene	20.0	19.2	96	4	30	70-126	
trans-1,3-Dichloropropene	20.0	18.4	92	12	30	71-127	
Trichloroethene	20.0	18.4	90	6	30	73-121	
Trichlorofluoromethane	20.0	17.8	89	5	30	62-134	
Vinyl chloride	20.0	26.7	133	5	30	55-144	
Xylenes, Total	40.0	41.0	103	9	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab File ID: T690546.D Lab Sample ID: MB 460-1036114/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS15 Date Analyzed: 05/07/2025 20:09

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1036114/3	T690542.D	05/07/2025 18:37
	LCSD 460-1036114/4	T690543.D	05/07/2025 19:00
FB-01_20250501	460-325502-5	T690553.D	05/07/2025 22:49
TB-01_20250501	460-325502-6	T690554.D	05/07/2025 23:12
MW-06_20250501	460-325502-1	T690555.D	05/07/2025 23:35
MW-07_20250501	460-325502-2	T690556.D	05/07/2025 23:58
MW-08_20250501	460-325502-3	T690557.D	05/08/2025 00:20
Dup-01_20250501	460-325502-4	T690558.D	05/08/2025 00:43
MW-06_20250501 MS	460-325502-1 MS	T690566.D	05/08/2025 03:47
MW-06_20250501 MSD	460-325502-1 MSD	T690567.D	05/08/2025 04:09

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab File ID: T689600.D BFB Injection Date: 04/19/2025

Instrument ID: CVOAMS15 BFB Injection Time: 03:45

Analysis Batch No.: 1032501

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (114.2) 1
96	5 - 9% of m/z 95	7.1
173	Less than 2% of m/z 174	0.9 (1.0) 1
174	50 - 200% of m/z 95	87.6
175	5 - 9% of m/z 174	6.3 (7.2) 1
176	95 -105% of m/z 174	88.1 (100.5) 1
177	5 - 10% of m/z 176	5.3 (6.1) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD9 460-1032501/3	T689602.D	04/19/2025	4:43
	STD8 460-1032501/4	T689603.D	04/19/2025	5:06
	STD05 460-1032501/5	T689604.D	04/19/2025	5:29
	STD5 460-1032501/7	T689606.D	04/19/2025	6:14
	STD20 460-1032501/8	T689607.D	04/19/2025	6:37
	STD50 460-1032501/9	T689608.D	04/19/2025	7:00
	STD200 460-1032501/10	T689609.D	04/19/2025	7:23
	STD500 460-1032501/11	T689610.D	04/19/2025	7:46
	STD1 460-1032501/18	T689617.D	04/19/2025	10:26
	ICV 460-1032501/22	T689621.D	04/19/2025	13:06

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Sample No.: STD20 460-1032501/8 Date Analyzed: 04/19/2025 06:37

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T689607.D Heated Purge: (Y/N) N

Calibration ID: 100632

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		46564	3.62	87332	4.90	531405	6.24
UPPER LIMIT		93128	4.12	174664	5.40	1062810	6.74
LOWER LIMIT		23282	3.12	43666	4.40	265703	5.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1032501/22		48761	3.62	207635*	4.90	551033	6.24

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits
*=ISTD response or retention time outside acceptable limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Sample No.: STD20 460-1032501/8 Date Analyzed: 04/19/2025 06:37

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T689607.D Heated Purge: (Y/N) N

Calibration ID: 100632

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		34115	7.05	427094	10.41	248371	13.41
UPPER LIMIT		68230	7.55	854188	10.91	496742	13.91
LOWER LIMIT		17058	6.55	213547	9.91	124186	12.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1032501/22		35274	7.05	441075	10.42	256845	13.41

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Sample No.: CCVIS 460-1036114/2 Date Analyzed: 05/07/2025 18:14

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T690541.D Heated Purge: (Y/N) N

Calibration ID: 100632

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		27439	3.68	201345	4.96	400409	6.30
UPPER LIMIT		54878	4.18	402690	5.46	800818	6.80
LOWER LIMIT		13720	3.18	100673	4.46	200205	5.80
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1036114/3		27095	3.68	213796	4.96	420242	6.30
LCSD 460-1036114/4		27127	3.67	197169	4.96	387491	6.30
MB 460-1036114/7		25398	3.68	218672	4.96	423547	6.30
460-325502-5	FB-01_20250501	19144	3.67	159696	4.96	361347	6.30
460-325502-6	TB-01_20250501	21149	3.68	187313	4.96	379599	6.30
460-325502-1	MW-06_20250501	18918	3.68	134399	4.96	354478	6.30
460-325502-2	MW-07_20250501	19961	3.68	138468	4.96	380923	6.30
460-325502-3	MW-08_20250501	20504	3.68	151957	4.96	384120	6.30
460-325502-4	Dup-01_20250501	20373	3.68	162974	4.96	383617	6.30
460-325502-1 MS	MW-06_20250501 MS	22041	3.68	140303	4.96	395018	6.30
460-325502-1 MSD	MW-06_20250501 MSD	23856	3.68	158168	4.96	413799	6.30

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Sample No.: CCVIS 460-1036114/2 Date Analyzed: 05/07/2025 18:14

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T690541.D Heated Purge: (Y/N) N

Calibration ID: 100632

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		24170	7.12	284183	10.49	145019	13.46
UPPER LIMIT		48340	7.62	568366	10.99	290038	13.96
LOWER LIMIT		12085	6.62	142092	9.99	72510	12.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1036114/3		25080	7.13	296173	10.49	152602	13.46
LCSD 460-1036114/4		22741	7.12	270085	10.49	141651	13.46
MB 460-1036114/7		23036	7.13	293452	10.49	153799	13.46
460-325502-5	FB-01_20250501	17710	7.13	242779	10.49	127518	13.46
460-325502-6	TB-01_20250501	19653	7.12	258340	10.49	132423	13.46
460-325502-1	MW-06_20250501	18124	7.12	241380	10.49	126474	13.46
460-325502-2	MW-07_20250501	20499	7.12	270980	10.49	143387	13.46
460-325502-3	MW-08_20250501	19947	7.12	269293	10.49	141038	13.46
460-325502-4	Dup-01_20250501	19189	7.12	267930	10.49	137558	13.46
460-325502-1 MS	MW-06_20250501 MS	22331	7.12	285153	10.49	148664	13.46
460-325502-1 MSD	MW-06_20250501 MSD	21409	7.12	290898	10.49	154589	13.46

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 | Lab Sample ID: 460-325502-1

Matrix: Water | Lab File ID: T690555.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.66	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 | Lab Sample ID: 460-325502-1

Matrix: Water | Lab File ID: T690555.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	42		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.38		0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 | Lab Sample ID: 460-325502-1

Matrix: Water | Lab File ID: T690555.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		70-128
460-00-4	4-Bromofluorobenzene	83		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D
Lims ID: 460-325502-A-1
Client ID: MW-06_20250501
Sample Type: Client
Inject. Date: 07-May-2025 23:35:08 ALS Bottle#: 44 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-1
Misc. Info.: 460-0190476-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:34:01 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 07:10:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.677	3.677	0.000	91	18918	1000.0	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	43	134399	250.0	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	20	642	0.2347	M
52 Chloroform	83	5.350	5.350	0.000	67	3294	0.6581	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	95	86008	42.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	98	108045	41.2	
* 65 Fluorobenzene	96	6.299	6.299	0.000	98	354478	50.0	
67 Trichloroethene	95	6.729	6.734	-0.005	49	1089	0.3761	M
* 73 1,4-Dioxane-d8	96	7.122	7.122	0.000	1	18124	1000.0	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	98	315288	53.6	
88 Tetrachloroethene	166	9.177	9.172	0.005	94	115876	41.6	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	86	241380	50.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	86	88645	41.7	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	97	126474	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00080 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 08-May-2025 11:34:01 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D

Injection Date: 07-May-2025 23:35:08 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-1 Lab Sample ID: 460-325502-1

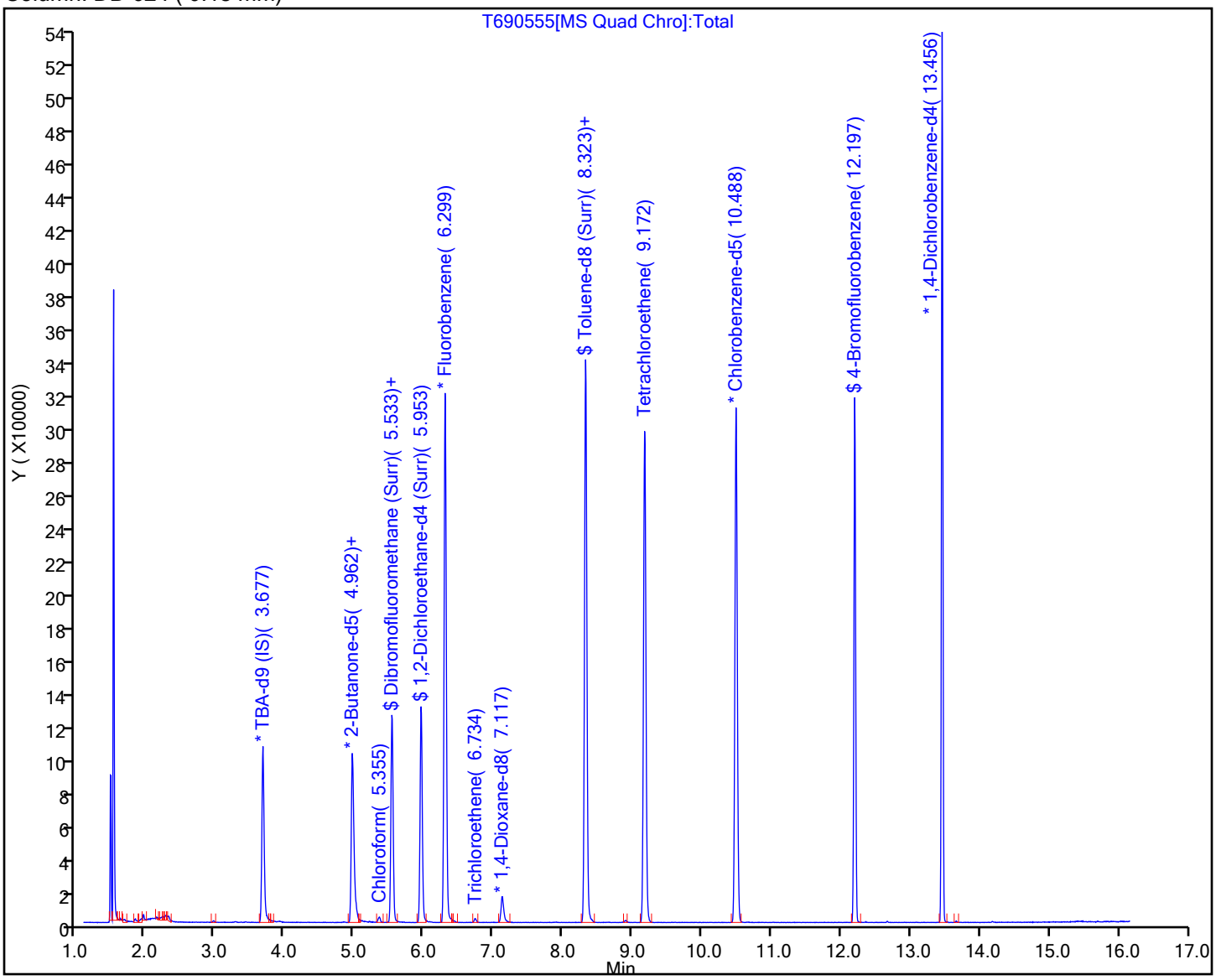
Client ID: MW-06_20250501

Operator ID: ALS Bottle#: 44 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 08-May-2025 11:34:01 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D
Lims ID: 460-325502-A-1
Client ID: MW-06_20250501
Sample Type: Client
Inject. Date: 07-May-2025 23:35:08 ALS Bottle#: 44 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-1
Misc. Info.: 460-0190476-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:34:01 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 07:10:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	42.0	84.00
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	41.2	82.36
$ 83 Toluene-d8 (Surr)	50.0	53.6	107.11
$ 105 4-Bromofluorobenzene	50.0	41.7	83.36

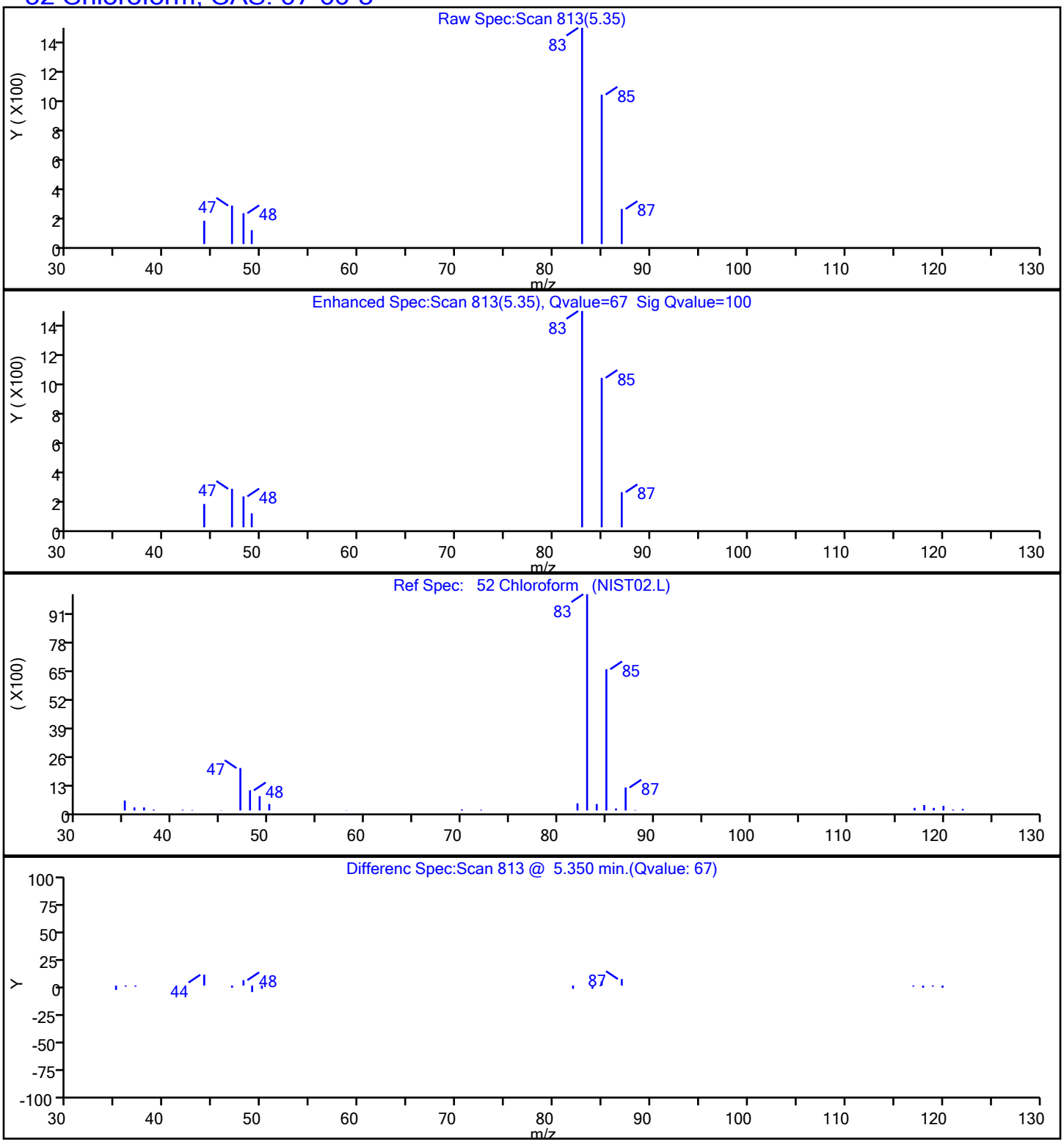
Report Date: 08-May-2025 11:34:02 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D

Injection Date:	07-May-2025 23:35:08	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1	Lab Sample ID:	460-325502-1		
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

52 Chloroform, CAS: 67-66-3



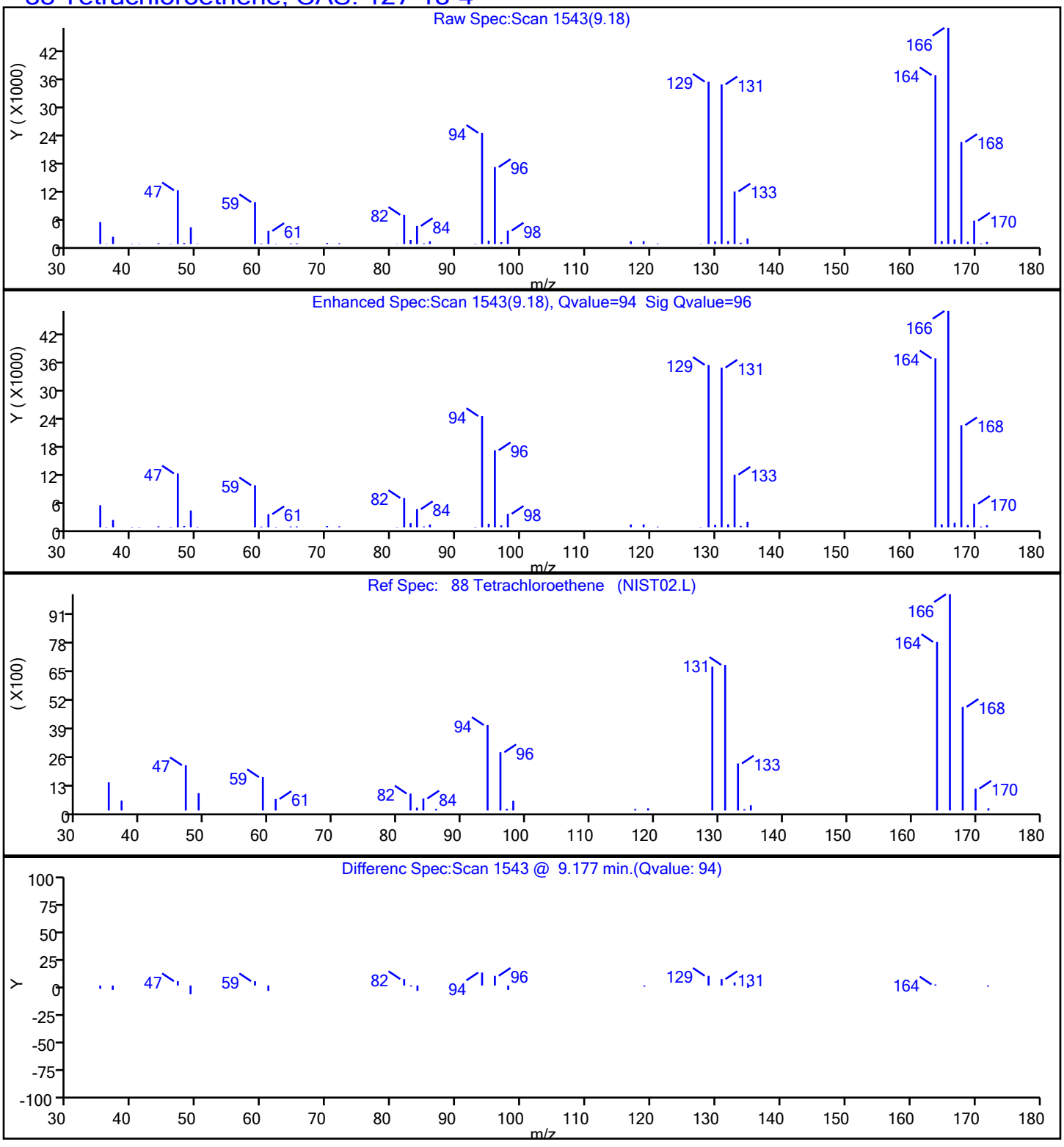
Report Date: 08-May-2025 11:34:02 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D

Injection Date:	07-May-2025 23:35:08	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1	Lab Sample ID:	460-325502-1		
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



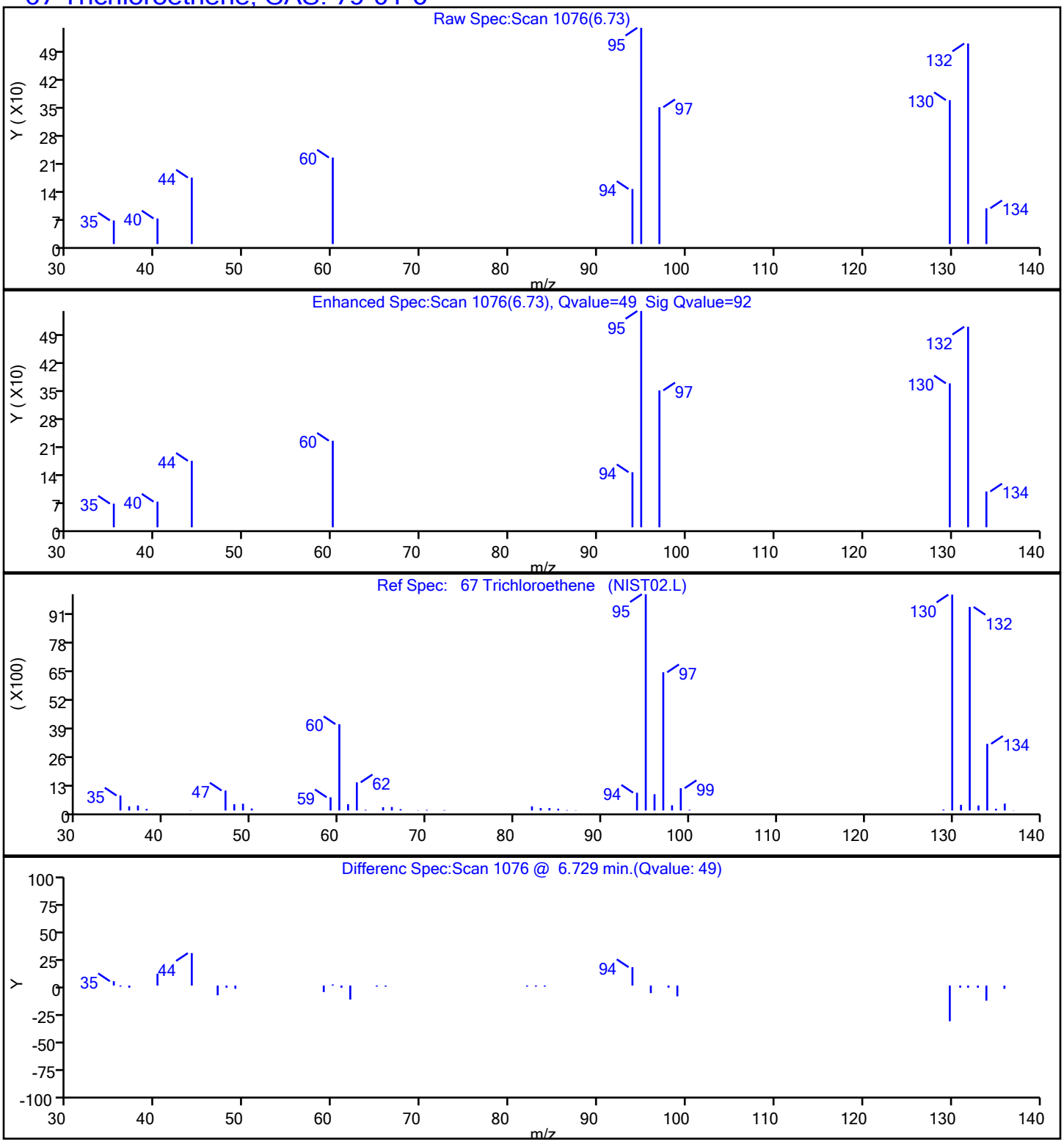
Report Date: 08-May-2025 11:34:02 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D

Injection Date:	07-May-2025 23:35:08	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1	Lab Sample ID:	460-325502-1		
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6



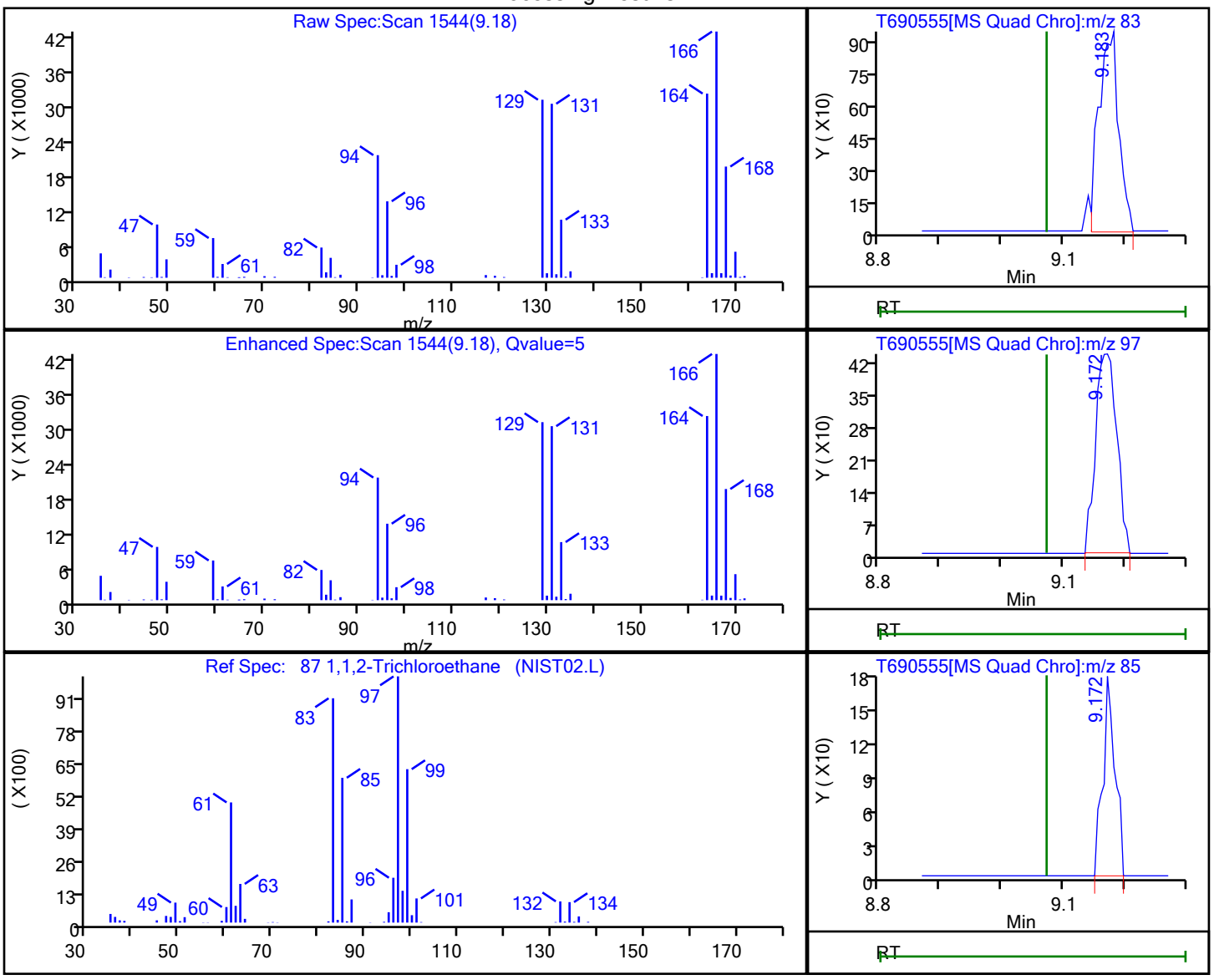
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D				
Injection Date:	07-May-2025 23:35:08	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1	Lab Sample ID:	460-325502-1		
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
9.18	83.00	2130	1.427486
9.17	97.00	1046	
9.17	85.00	241	

Reviewer: FK2C, 08-May-2025 07:10:10 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

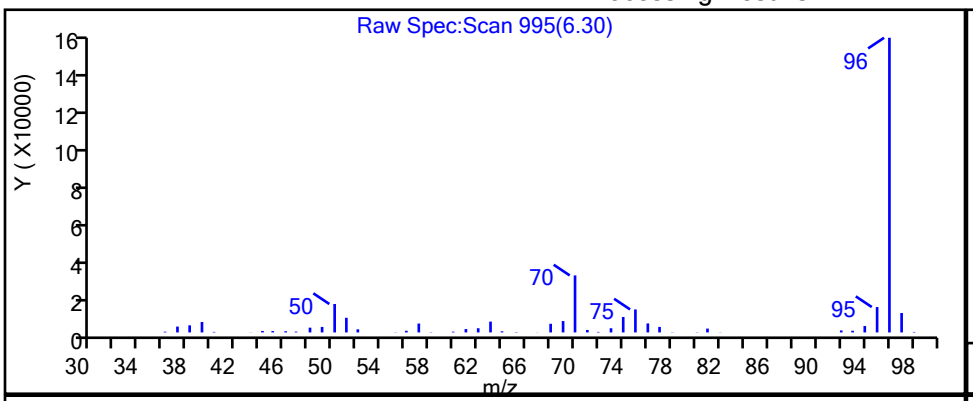
User Disabled Compound Report

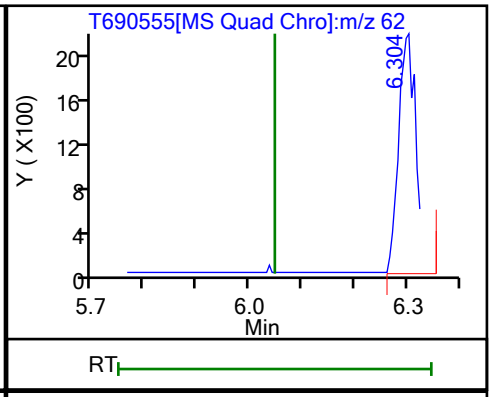
Eurofins Edison

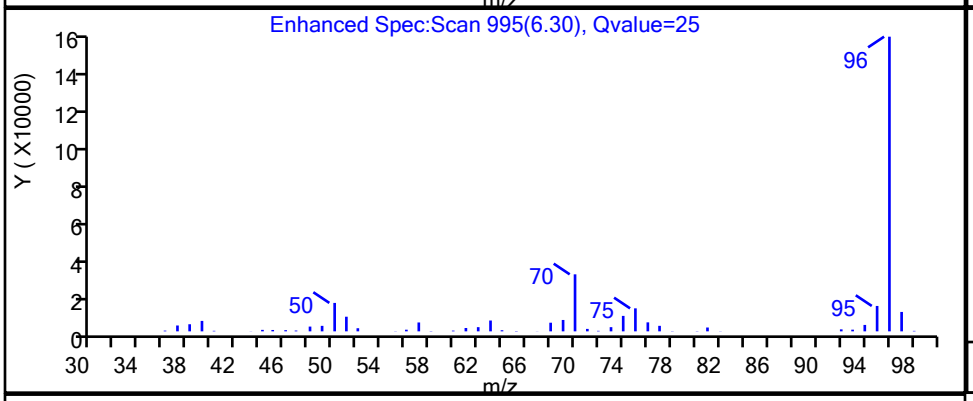
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D				
Injection Date:	07-May-2025 23:35:08	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1	Lab Sample ID:	460-325502-1		
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

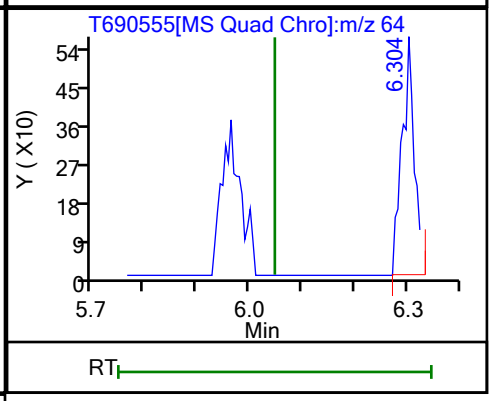
61 1,2-Dichloroethane, CAS: 107-06-2

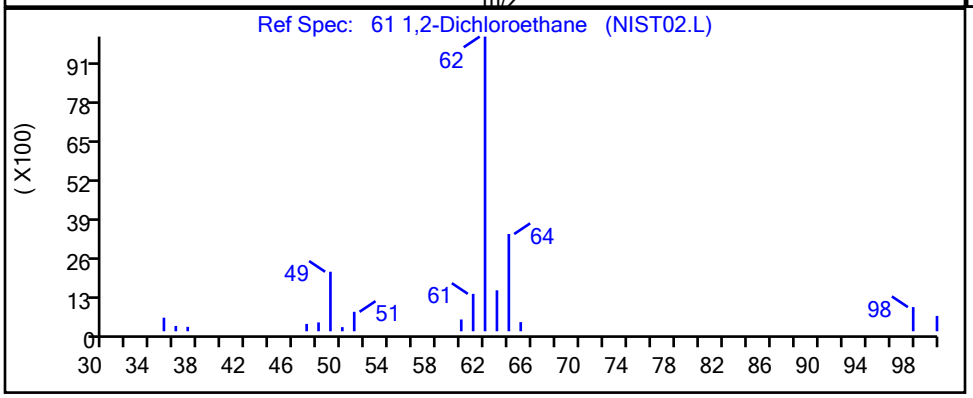
Processing Results











RT	Mass	Response	Amount
6.30	62.00	4858	1.140289
6.30	64.00	906	

Reviewer: FK2C, 08-May-2025 07:10:06 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

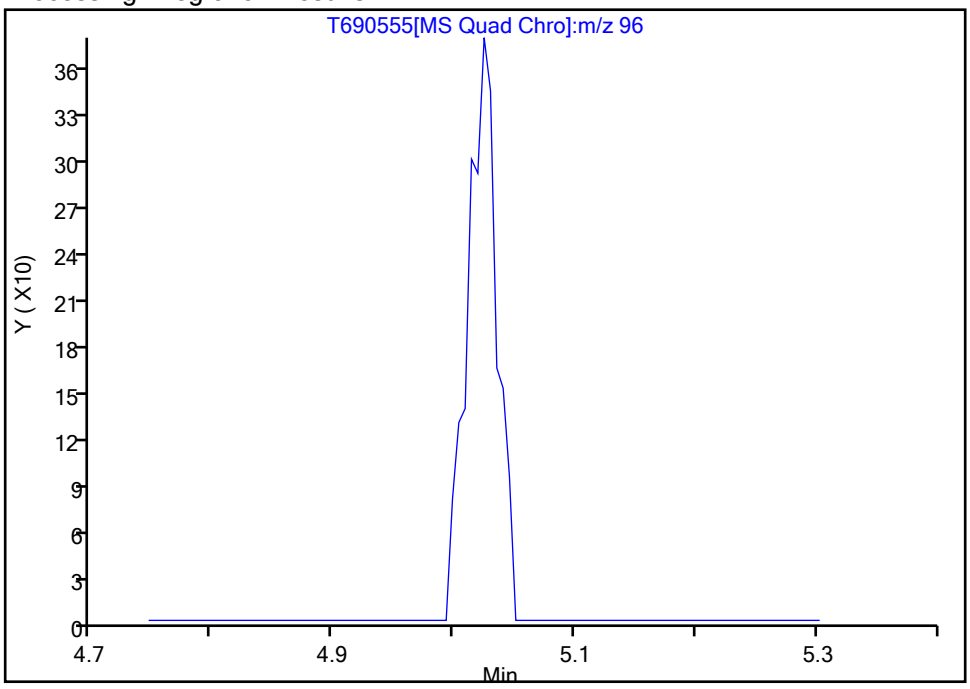
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D				
Injection Date:	07-May-2025 23:35:08	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1	Lab Sample ID:	460-325502-1		
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

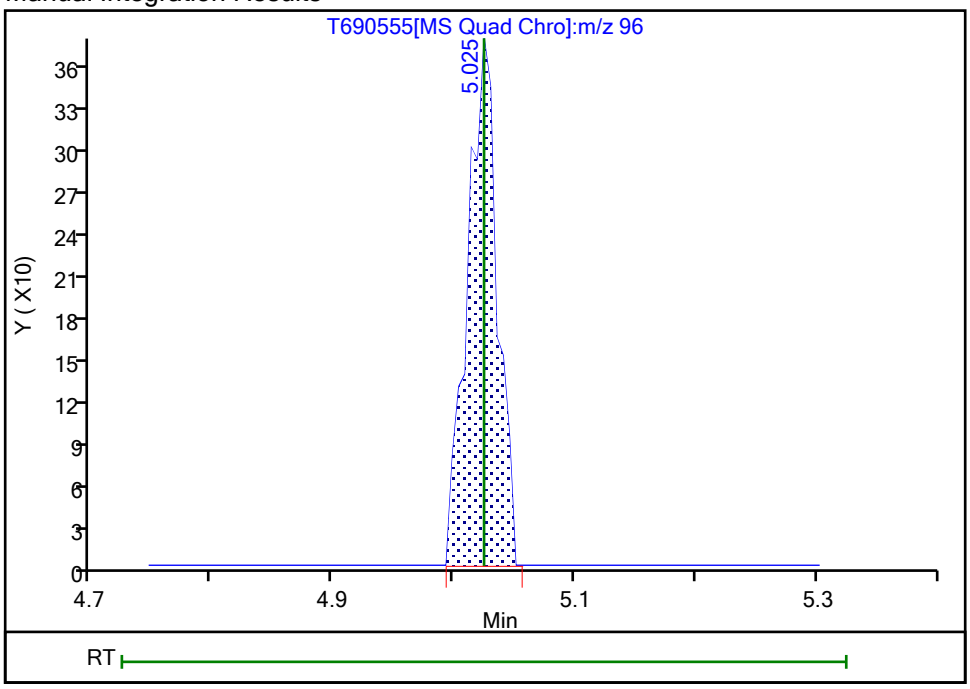
Not Detected
Expected RT: 5.02

Processing Integration Results



Manual Integration Results

RT: 5.02
Area: 642
Amount: 0.234689
Amount Units: ug/l



Reviewer: XE5L, 08-May-2025 11:33:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

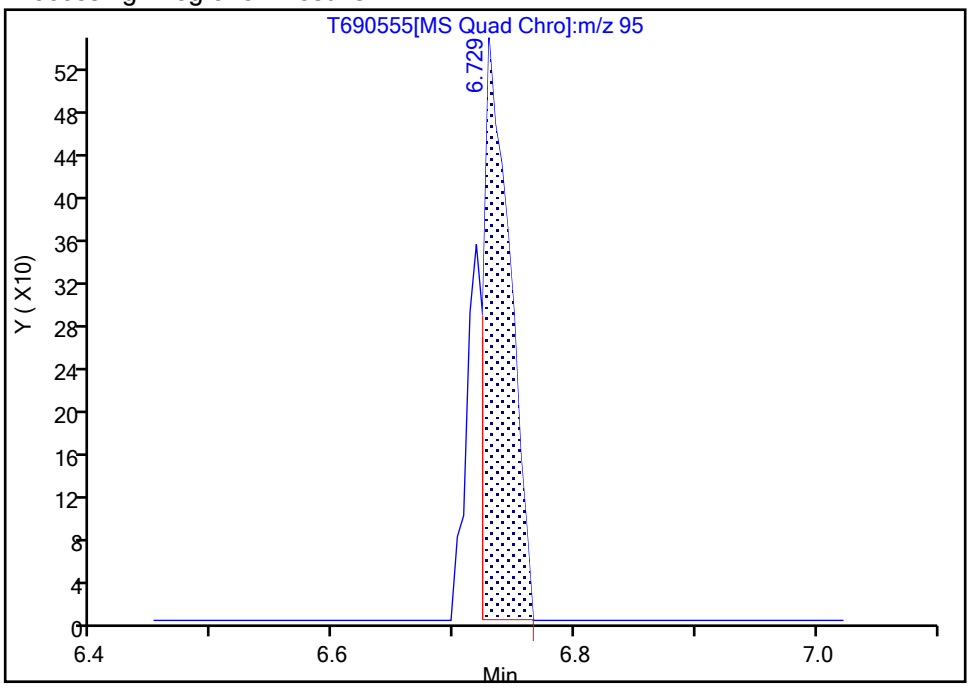
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D				
Injection Date:	07-May-2025 23:35:08	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1	Lab Sample ID:	460-325502-1		
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6

Signal: 1

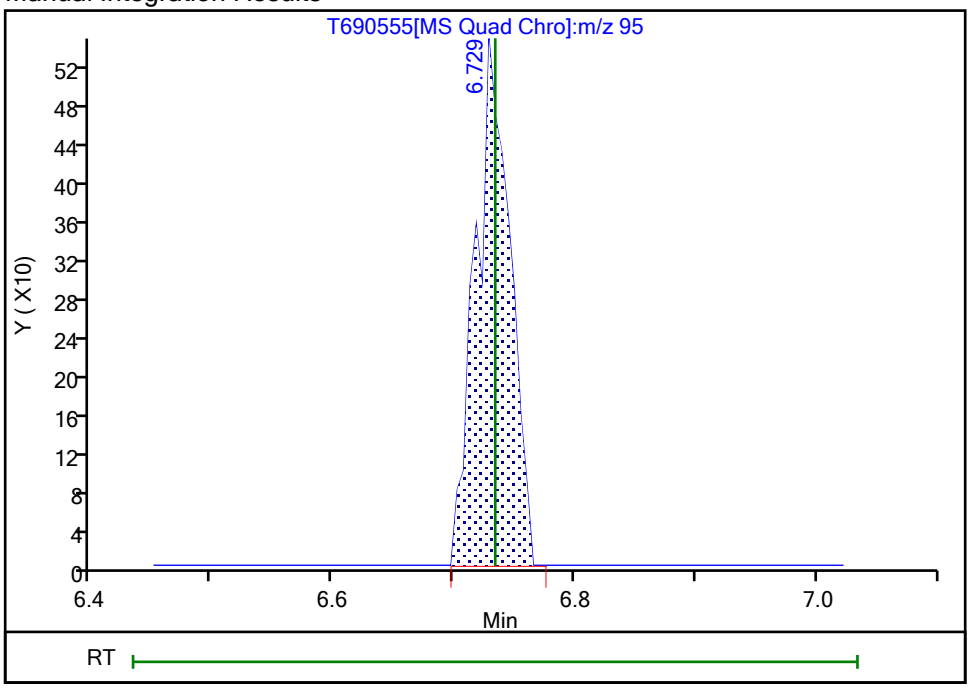
Processing Integration Results

RT: 6.73
Area: 830
Amount: 0.286638
Amount Units: ug/l



Manual Integration Results

RT: 6.73
Area: 1089
Amount: 0.376083
Amount Units: ug/l



Reviewer: XE5L, 08-May-2025 11:32:20 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-07_20250501 | Lab Sample ID: 460-325502-2

Matrix: Water | Lab File ID: T690556.D

Analysis Method: 8260D | Date Collected: 05/01/2025 15:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.52	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-07_20250501 | Lab Sample ID: 460-325502-2

Matrix: Water | Lab File ID: T690556.D

Analysis Method: 8260D | Date Collected: 05/01/2025 15:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	44		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.50		0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-07_20250501 | Lab Sample ID: 460-325502-2

Matrix: Water | Lab File ID: T690556.D

Analysis Method: 8260D | Date Collected: 05/01/2025 15:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		70-128
460-00-4	4-Bromofluorobenzene	83		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D
Lims ID: 460-325502-A-2
Client ID: MW-07_20250501
Sample Type: Client
Inject. Date: 07-May-2025 23:58:00 ALS Bottle#: 45 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-2
Misc. Info.: 460-0190476-017
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:34:13 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 07:10:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.677	3.677	0.000	90	19961	1000.0	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	33	138468	250.0	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	8	780	0.2653	M
52 Chloroform	83	5.345	5.350	-0.005	66	2810	0.5224	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	91956	41.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.958	5.953	0.005	98	115070	40.8	
* 65 Fluorobenzene	96	6.299	6.299	0.000	98	380923	50.0	
67 Trichloroethene	95	6.729	6.734	-0.005	40	1553	0.4991	
* 73 1,4-Dioxane-d8	96	7.122	7.122	0.000	1	20499	1000.0	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	97	345571	52.3	
88 Tetrachloroethene	166	9.172	9.172	0.000	94	136120	43.6	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	87	270980	50.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	84	98516	41.3	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	97	143387	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00080 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 08-May-2025 11:34:13 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D

Injection Date: 07-May-2025 23:58:00 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-2 Lab Sample ID: 460-325502-2

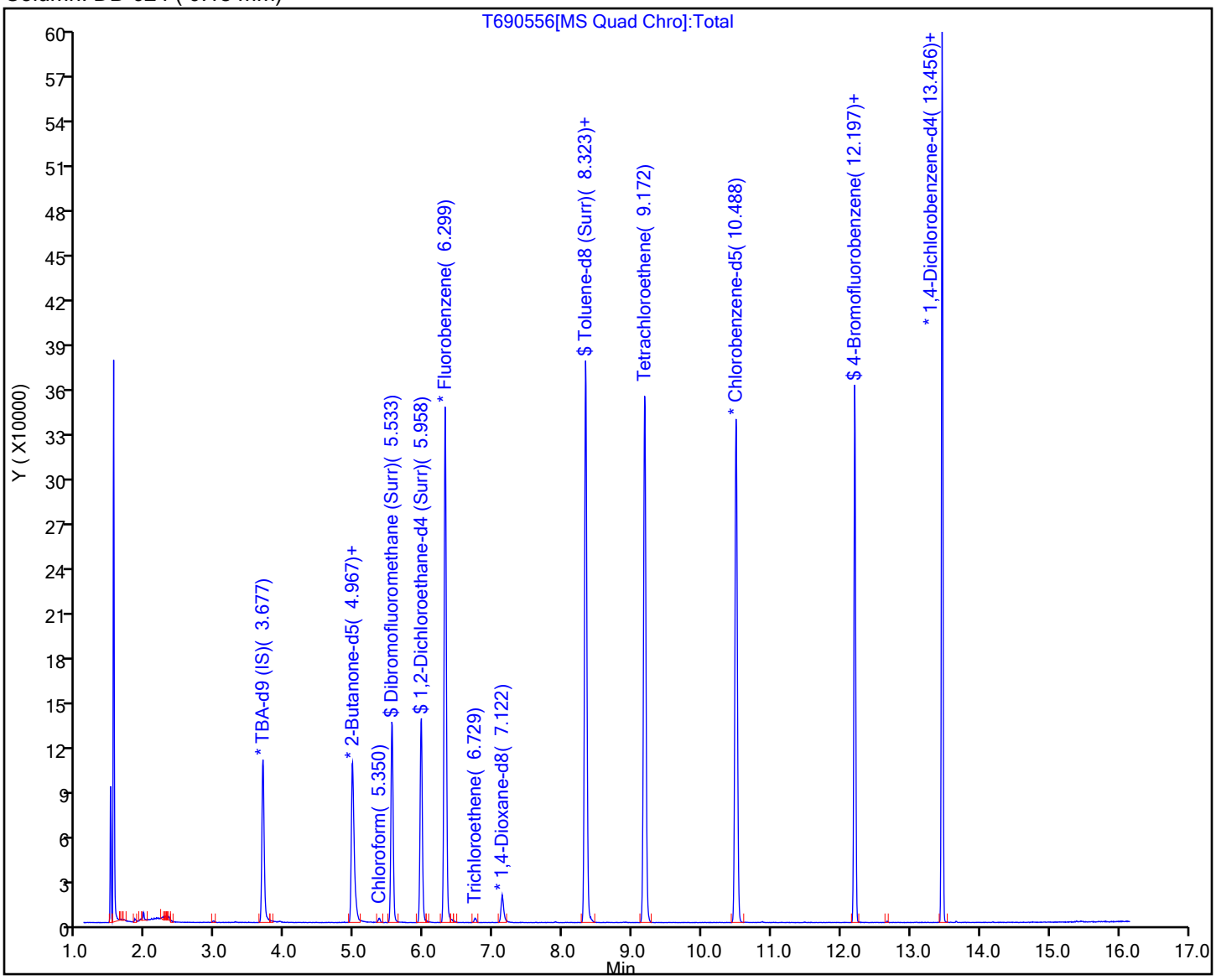
Client ID: MW-07_20250501

Operator ID: ALS Bottle#: 45 Worklist Smp#: 17

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 08-May-2025 11:34:13 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D
Lims ID: 460-325502-A-2
Client ID: MW-07_20250501
Sample Type: Client
Inject. Date: 07-May-2025 23:58:00 ALS Bottle#: 45 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-2
Misc. Info.: 460-0190476-017
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:34:13 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 07:10:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.8	83.58
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	40.8	81.62
$ 83 Toluene-d8 (Surr)	50.0	52.3	104.57
$ 105 4-Bromofluorobenzene	50.0	41.3	82.53

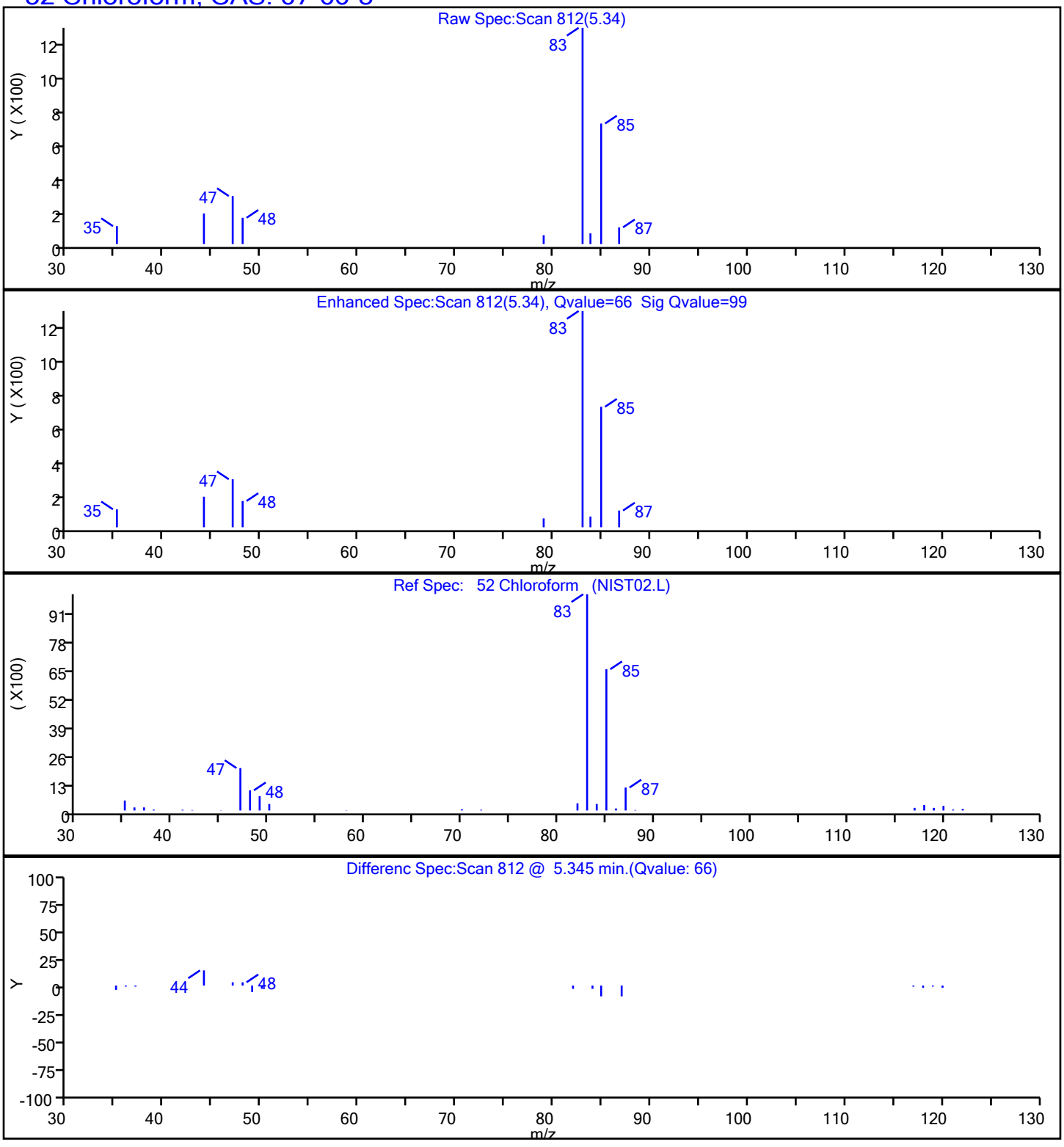
Report Date: 08-May-2025 11:34:13 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D

Injection Date:	07-May-2025 23:58:00	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-2	Lab Sample ID:	460-325502-2		
Client ID:	MW-07_20250501				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

52 Chloroform, CAS: 67-66-3



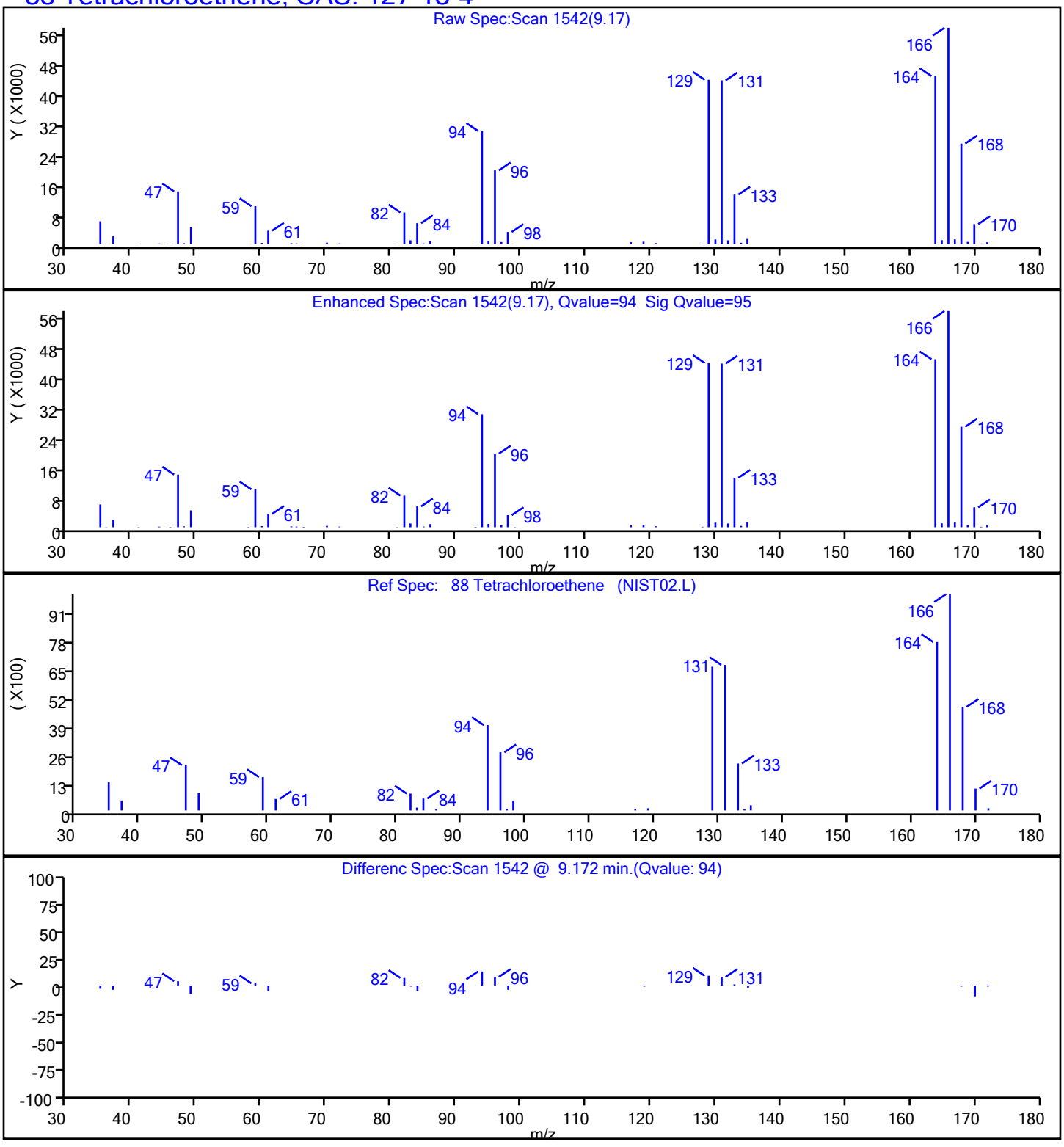
Report Date: 08-May-2025 11:34:13 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D

Injection Date:	07-May-2025 23:58:00	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-2	Lab Sample ID:	460-325502-2		
Client ID:	MW-07_20250501				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



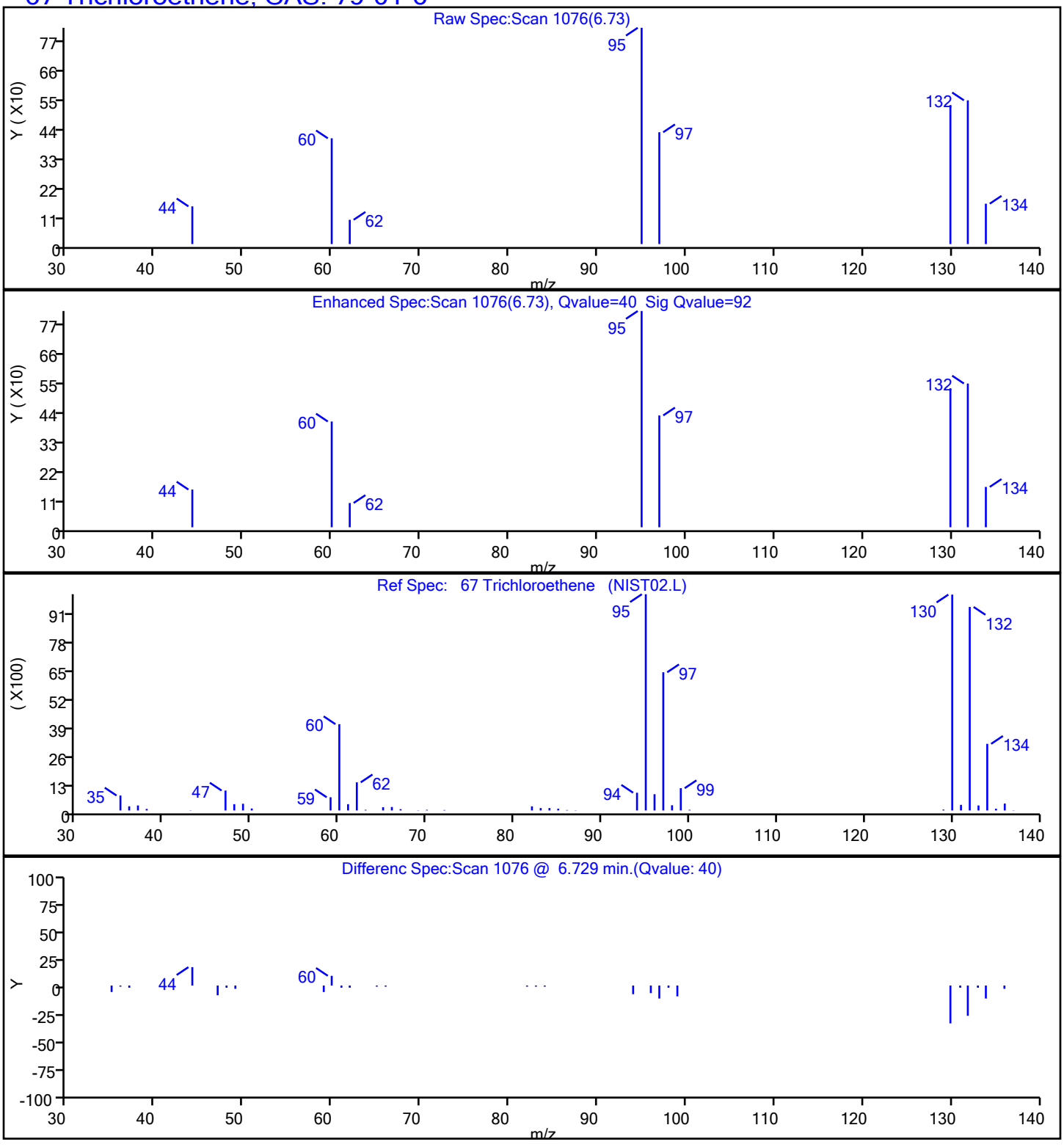
Report Date: 08-May-2025 11:34:13 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D

Injection Date:	07-May-2025 23:58:00	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-2	Lab Sample ID:	460-325502-2		
Client ID:	MW-07_20250501				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6



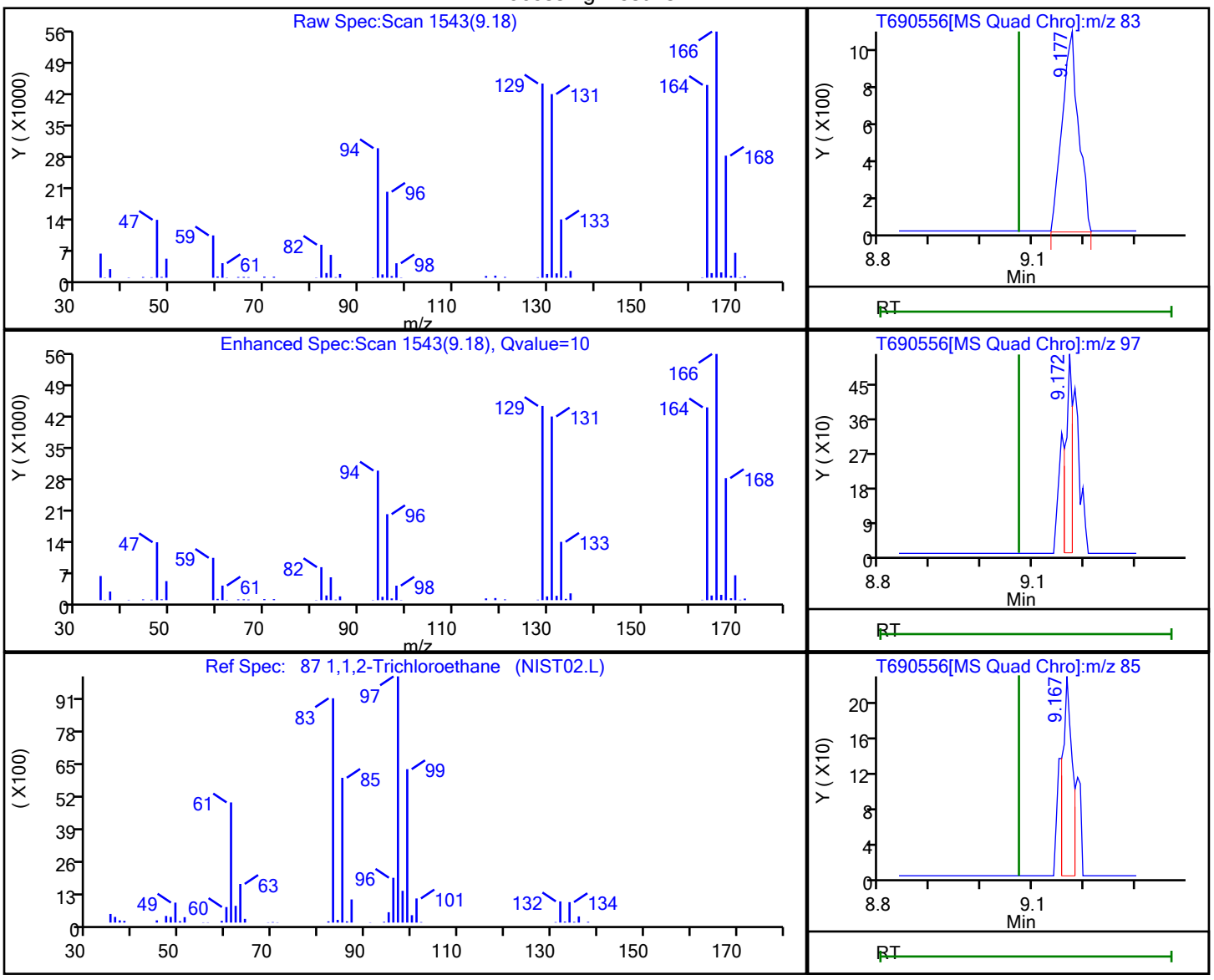
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D				
Injection Date:	07-May-2025 23:58:00	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-2	Lab Sample ID:	460-325502-2		
Client ID:	MW-07_20250501				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
9.18	83.00	2337	1.395131
9.17	97.00	469	
9.17	85.00	279	

Reviewer: FK2C, 08-May-2025 07:10:34 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

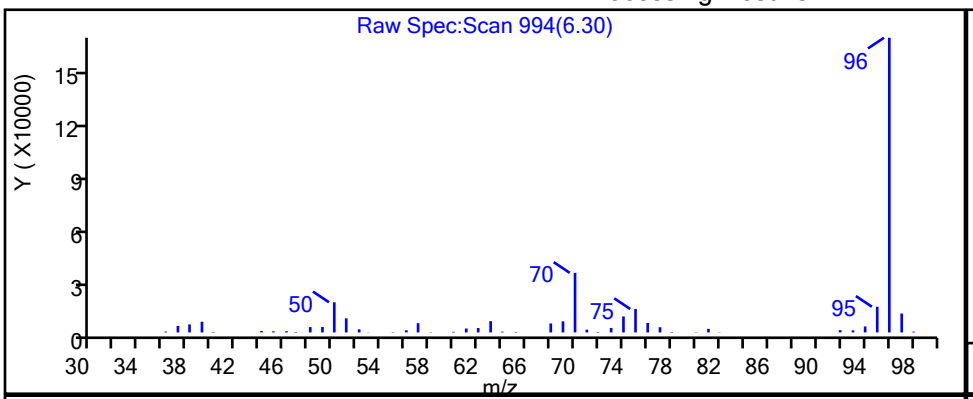
User Disabled Compound Report

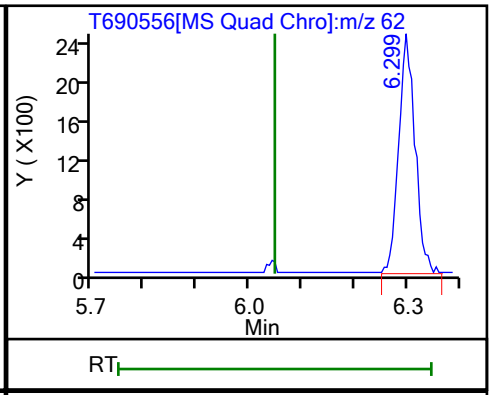
Eurofins Edison

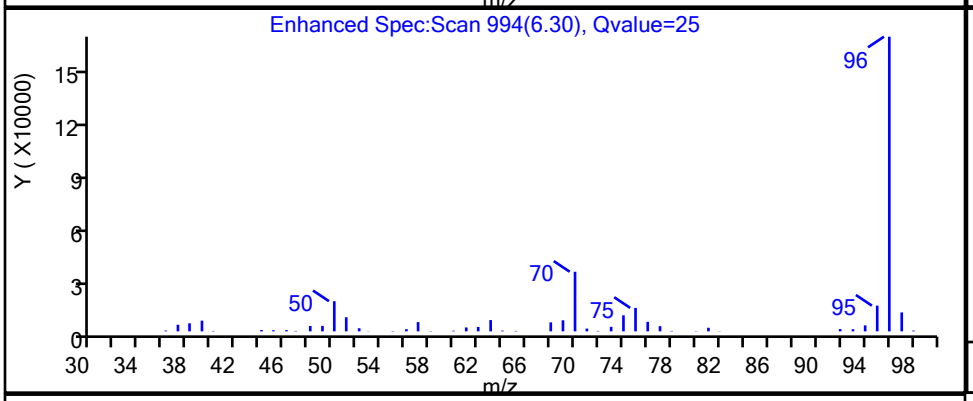
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D				
Injection Date:	07-May-2025 23:58:00	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-2	Lab Sample ID:	460-325502-2		
Client ID:	MW-07_20250501				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

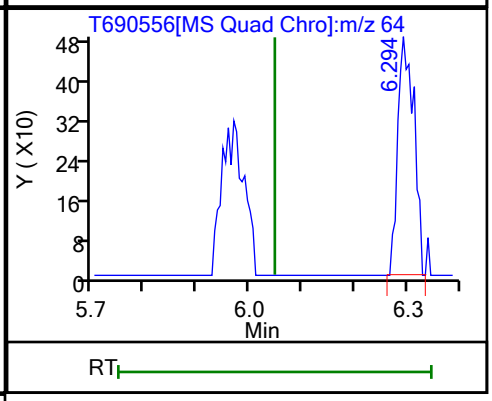
61 1,2-Dichloroethane, CAS: 107-06-2

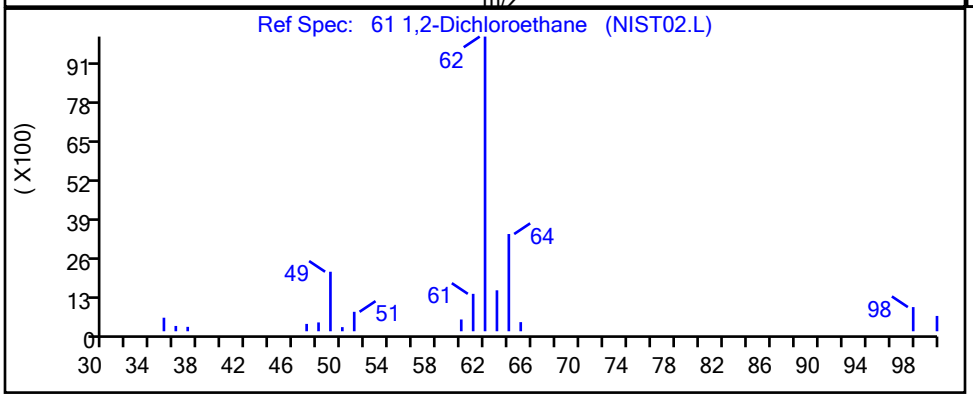
Processing Results











RT	Mass	Response	Amount
6.30	62.00	5294	1.156361
6.29	64.00	1031	

Reviewer: FK2C, 08-May-2025 07:10:31 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

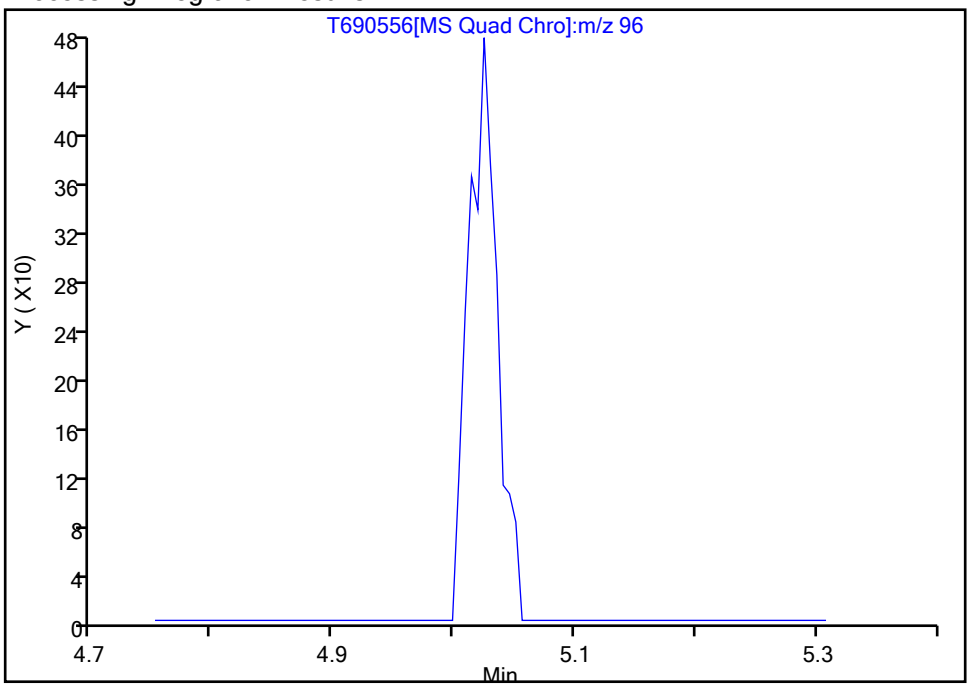
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D				
Injection Date:	07-May-2025 23:58:00	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-2	Lab Sample ID:	460-325502-2		
Client ID:	MW-07_20250501				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

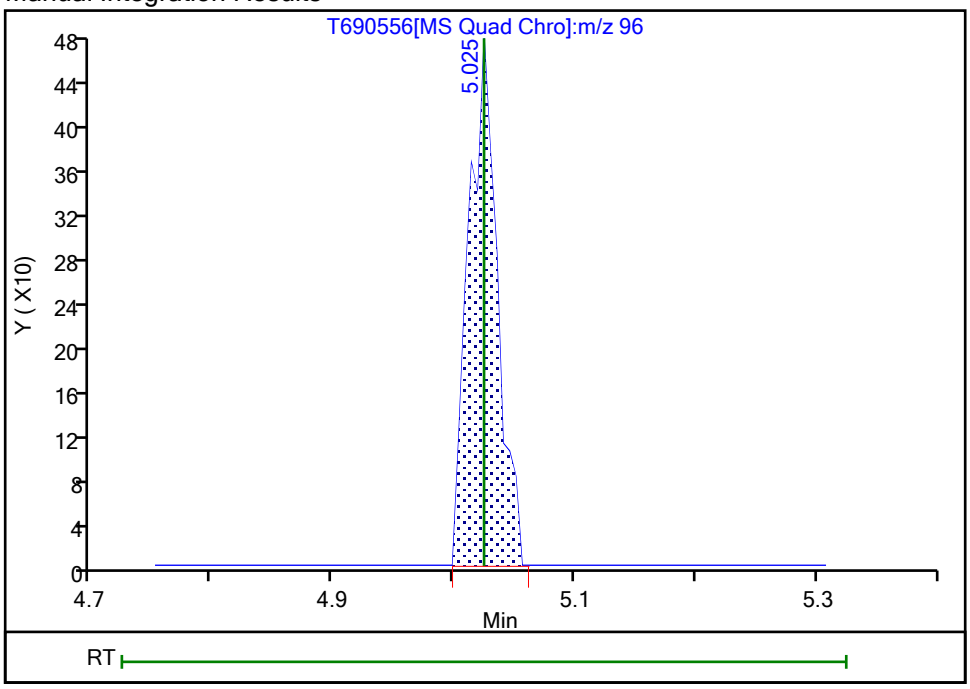
Not Detected
Expected RT: 5.02

Processing Integration Results



Manual Integration Results

RT: 5.02
Area: 780
Amount: 0.265342
Amount Units: ug/l



Reviewer: XE5L, 08-May-2025 11:34:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-08_20250501 | Lab Sample ID: 460-325502-3

Matrix: Water | Lab File ID: T690557.D

Analysis Method: 8260D | Date Collected: 05/01/2025 16:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 00:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-08_20250501 | Lab Sample ID: 460-325502-3

Matrix: Water | Lab File ID: T690557.D

Analysis Method: 8260D | Date Collected: 05/01/2025 16:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 00:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.8		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-08_20250501 | Lab Sample ID: 460-325502-3

Matrix: Water | Lab File ID: T690557.D

Analysis Method: 8260D | Date Collected: 05/01/2025 16:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 00:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		70-128
460-00-4	4-Bromofluorobenzene	84		76-120
1868-53-7	Dibromofluoromethane (Surr)	83		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690557.D
Lims ID: 460-325502-A-3
Client ID: MW-08_20250501
Sample Type: Client
Inject. Date: 08-May-2025 00:20:52 ALS Bottle#: 46 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-3
Misc. Info.: 460-0190476-018
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:28:59 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 07:10:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.677	3.677	0.000	91	20504	1000.0	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	25	151957	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.538	5.533	0.005	95	92271	41.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	98	115376	40.6	
* 65 Fluorobenzene	96	6.304	6.299	0.005	99	384120	50.0	
* 73 1,4-Dioxane-d8	96	7.122	7.122	0.000	1	19947	1000.0	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	98	344346	52.4	
88 Tetrachloroethene	166	9.177	9.172	0.005	89	5532	1.78	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	88	269293	50.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	85	99075	41.8	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	97	141038	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00080 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 08-May-2025 11:31:45 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690557.D

Injection Date: 08-May-2025 00:20:52 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-3 Lab Sample ID: 460-325502-3

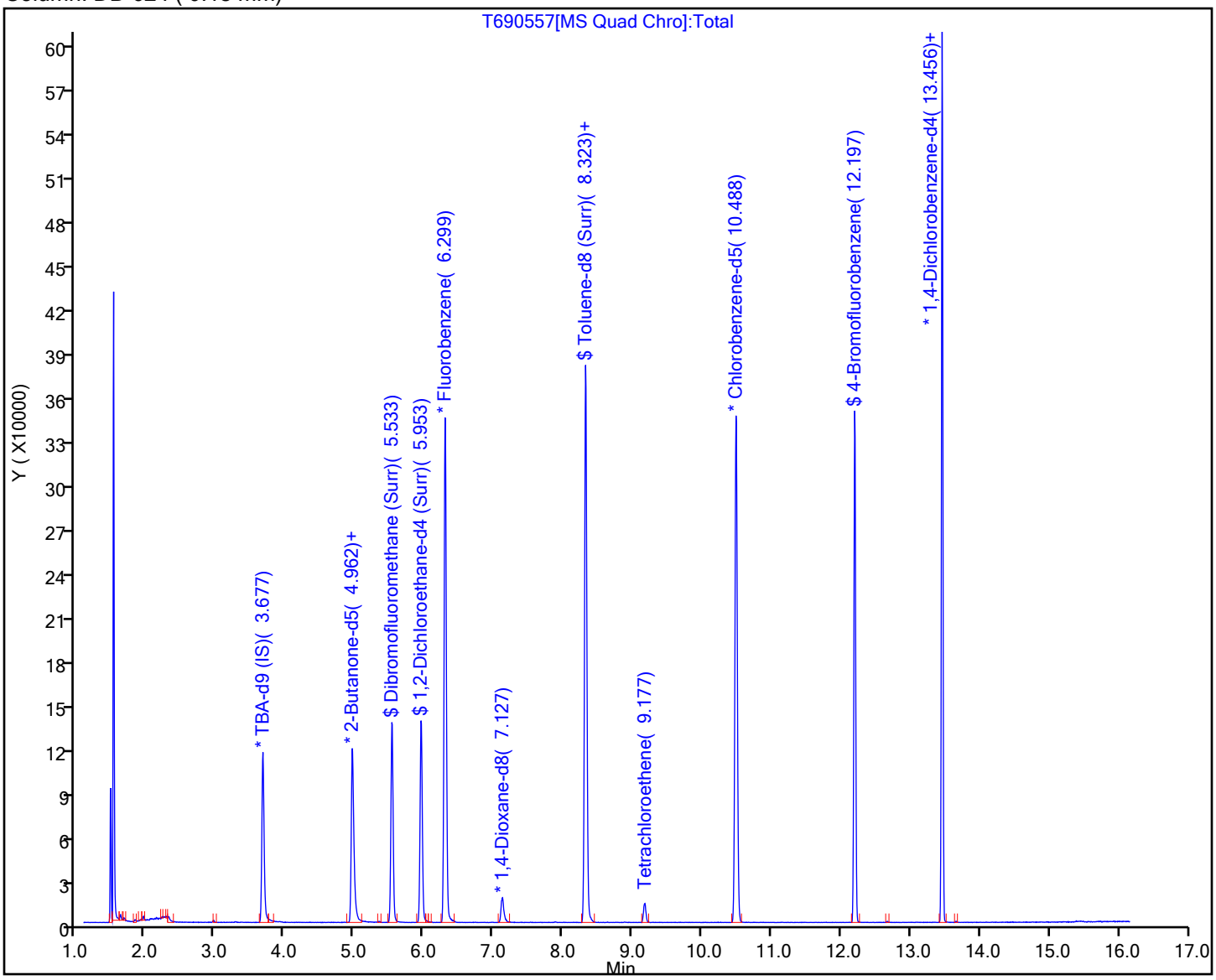
Client ID: MW-08_20250501

Operator ID: ALS Bottle#: 46 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690557.D				
Lims ID:	460-325502-A-3				
Client ID:	MW-08_20250501				
Sample Type:	Client				
Inject. Date:	08-May-2025 00:20:52	ALS Bottle#:	46	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-325502-A-3				
Misc. Info.:	460-0190476-018				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	08-May-2025 11:28:59	Calib Date:	19-Apr-2025 10:26:58		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1601				
First Level Reviewer: FK2C		Date:	08-May-2025 07:10:57		

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.6	83.17
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	40.6	81.16
$ 83 Toluene-d8 (Surr)	50.0	52.4	104.86
$ 105 4-Bromofluorobenzene	50.0	41.8	83.51

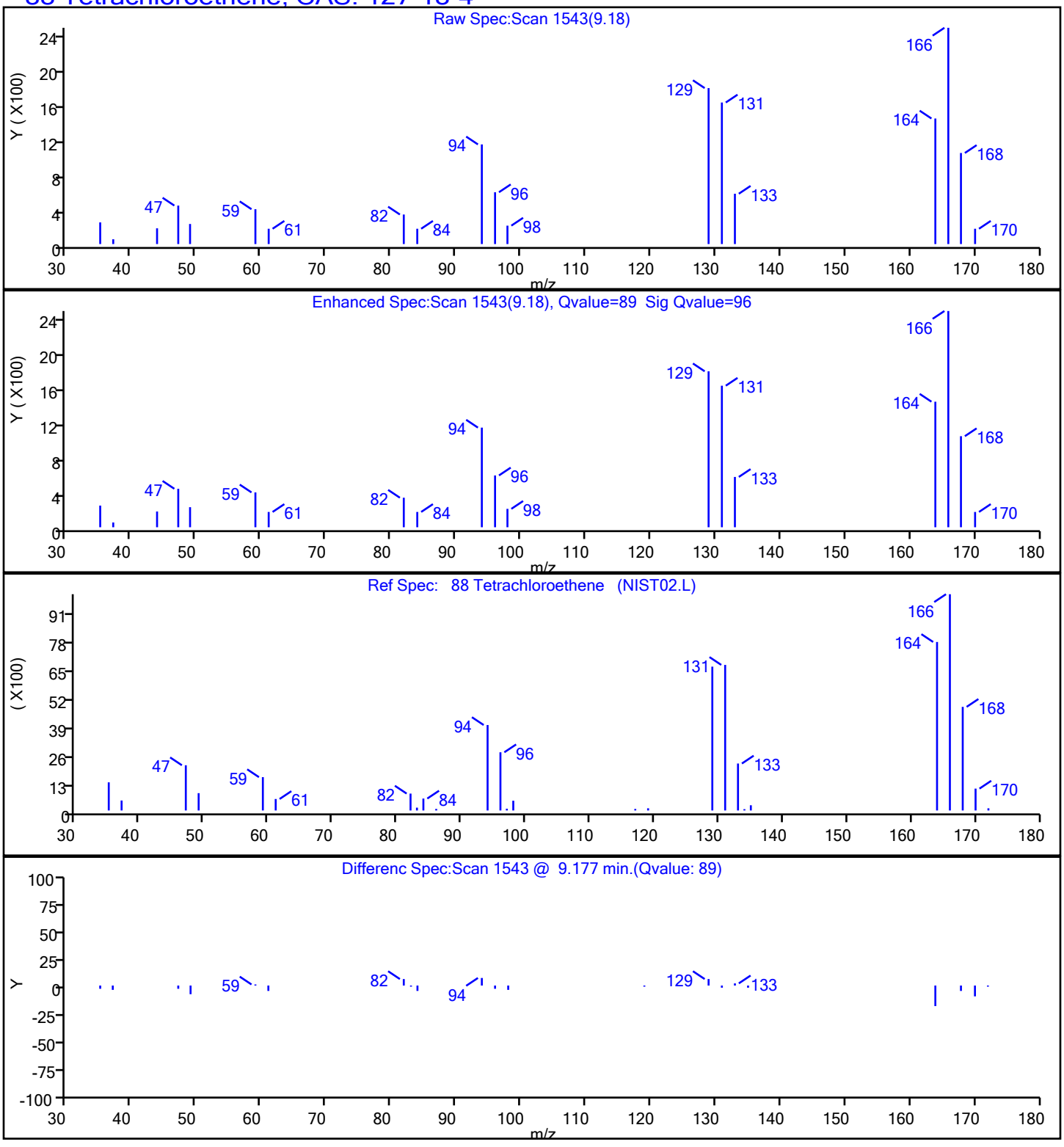
Report Date: 08-May-2025 11:31:45 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690557.D

Injection Date:	08-May-2025 00:20:52	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-3	Lab Sample ID:	460-325502-3		
Client ID:	MW-08_20250501				
Operator ID:		ALS Bottle#:	46	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



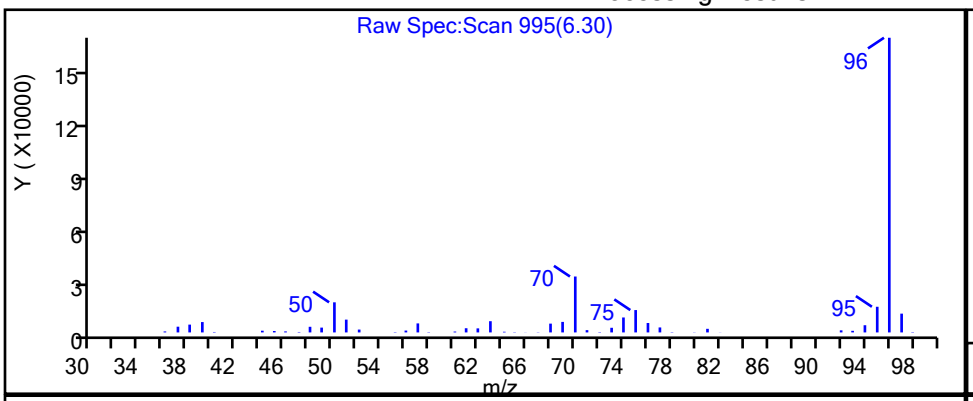
User Disabled Compound Report

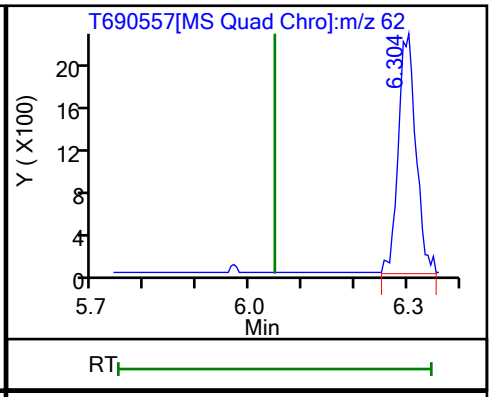
Eurofins Edison

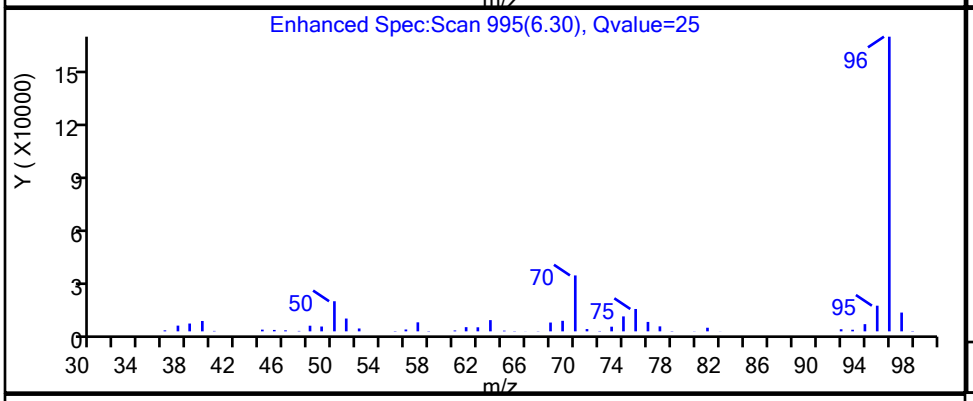
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690557.D				
Injection Date:	08-May-2025 00:20:52	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-3	Lab Sample ID:	460-325502-3		
Client ID:	MW-08_20250501				
Operator ID:		ALS Bottle#:	46	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

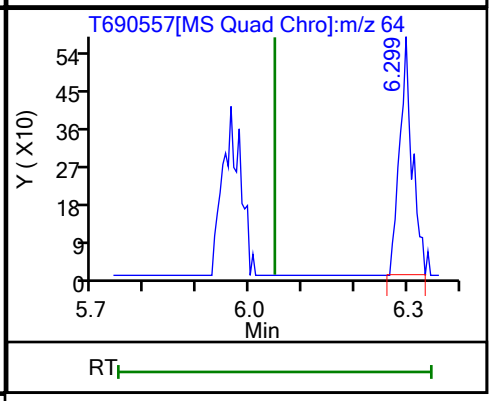
61 1,2-Dichloroethane, CAS: 107-06-2

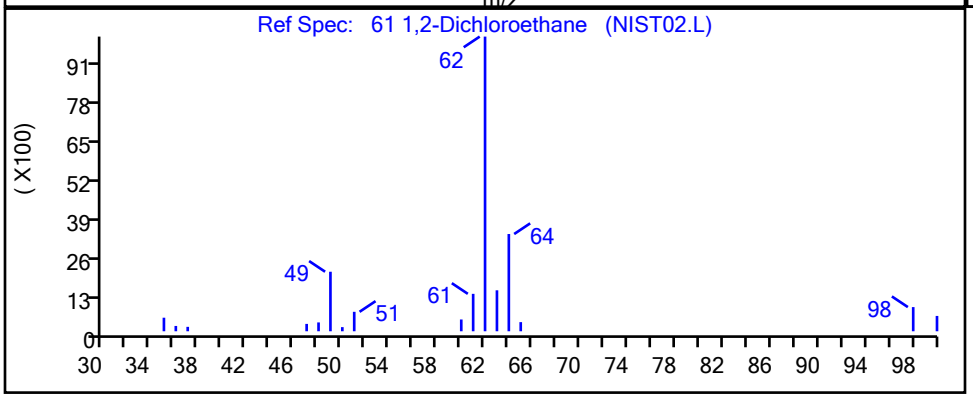
Processing Results











RT	Mass	Response	Amount
6.30	62.00	5327	1.153885
6.30	64.00	960	

Reviewer: FK2C, 08-May-2025 07:10:48 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: Dup-01_20250501 | Lab Sample ID: 460-325502-4

Matrix: Water | Lab File ID: T690558.D

Analysis Method: 8260D | Date Collected: 05/01/2025 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 00:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.53	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: Dup-01_20250501 | Lab Sample ID: 460-325502-4

Matrix: Water | Lab File ID: T690558.D

Analysis Method: 8260D | Date Collected: 05/01/2025 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 00:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	44		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.46		0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: Dup-01_20250501 | Lab Sample ID: 460-325502-4

Matrix: Water | Lab File ID: T690558.D

Analysis Method: 8260D | Date Collected: 05/01/2025 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 00:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		70-128
460-00-4	4-Bromofluorobenzene	83		76-120
1868-53-7	Dibromofluoromethane (Surr)	83		77-132
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D
Lims ID: 460-325502-A-4
Client ID: Dup-01_20250501
Sample Type: Client
Inject. Date: 08-May-2025 00:43:46 ALS Bottle#: 47 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-4
Misc. Info.: 460-0190476-019
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:33:46 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 07:11:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.677	3.677	0.000	90	20373	1000.0	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	45	162974	250.0	
43 cis-1,2-Dichloroethene	96	5.019	5.025	-0.006	7	734	0.2479	Ma
52 Chloroform	83	5.355	5.350	0.005	82	2848	0.5258	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	91849	41.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	99	114283	40.2	
* 65 Fluorobenzene	96	6.304	6.299	0.005	99	383617	50.0	
67 Trichloroethene	95	6.729	6.734	-0.005	64	1435	0.4579	
* 73 1,4-Dioxane-d8	96	7.122	7.122	0.000	1	19189	1000.0	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	98	346630	53.0	
88 Tetrachloroethene	166	9.172	9.172	0.000	93	136183	44.1	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	87	267930	50.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	85	97506	41.3	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	98	137558	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

VOA6IS/SURR_00080 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 08-May-2025 11:33:46 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D

Injection Date: 08-May-2025 00:43:46 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-4 Lab Sample ID: 460-325502-4

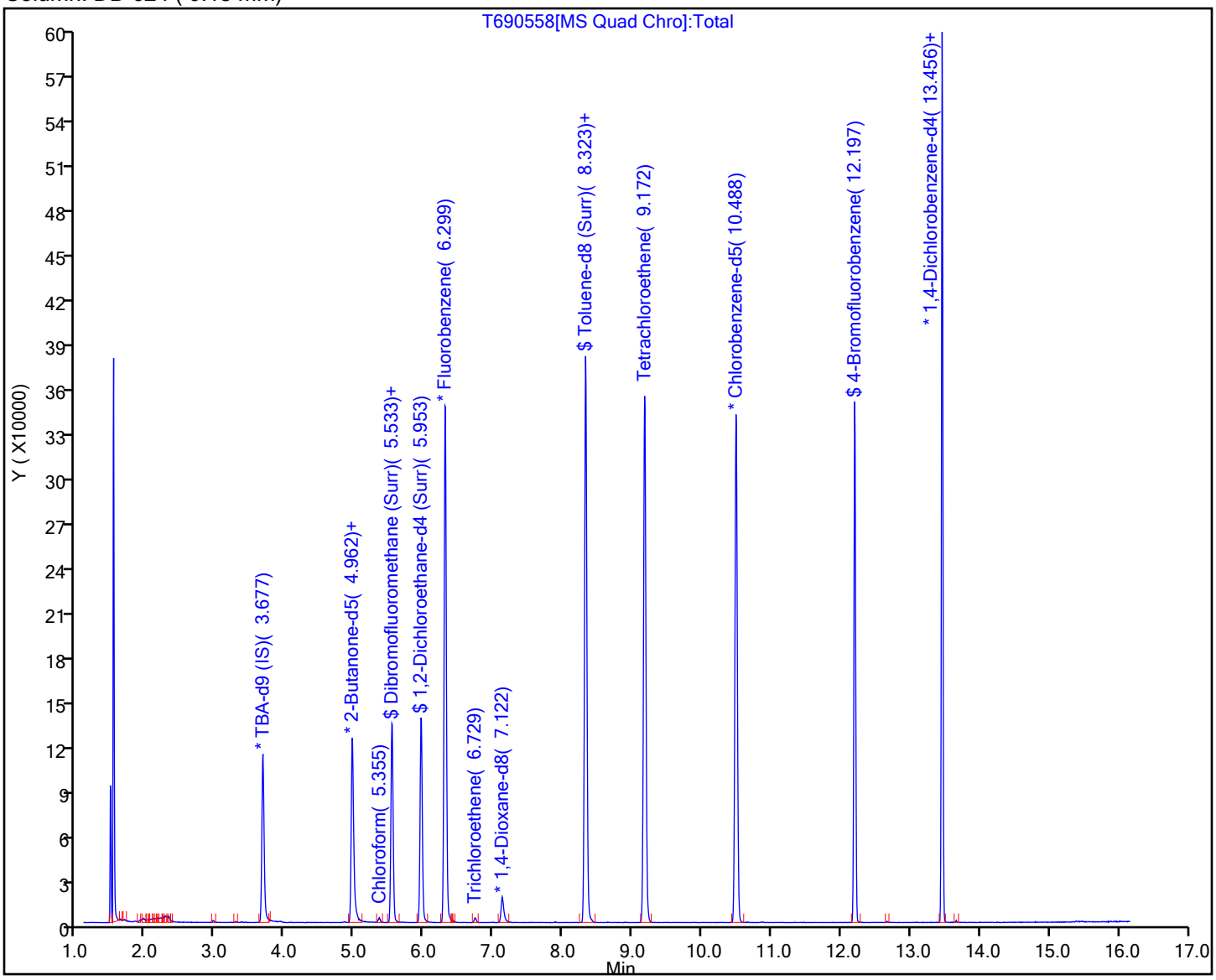
Client ID: Dup-01_20250501

Operator ID: ALS Bottle#: 47 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D				
Lims ID:	460-325502-A-4				
Client ID:	Dup-01_20250501				
Sample Type:	Client				
Inject. Date:	08-May-2025 00:43:46	ALS Bottle#:	47	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-325502-A-4				
Misc. Info.:	460-0190476-019				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	08-May-2025 11:33:46	Calib Date:	19-Apr-2025 10:26:58		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1601				

First Level Reviewer: FK2C Date: 08-May-2025 07:11:17

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.4	82.89
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	40.2	80.50
$ 83 Toluene-d8 (Surr)	50.0	53.0	106.09
$ 105 4-Bromofluorobenzene	50.0	41.3	82.61

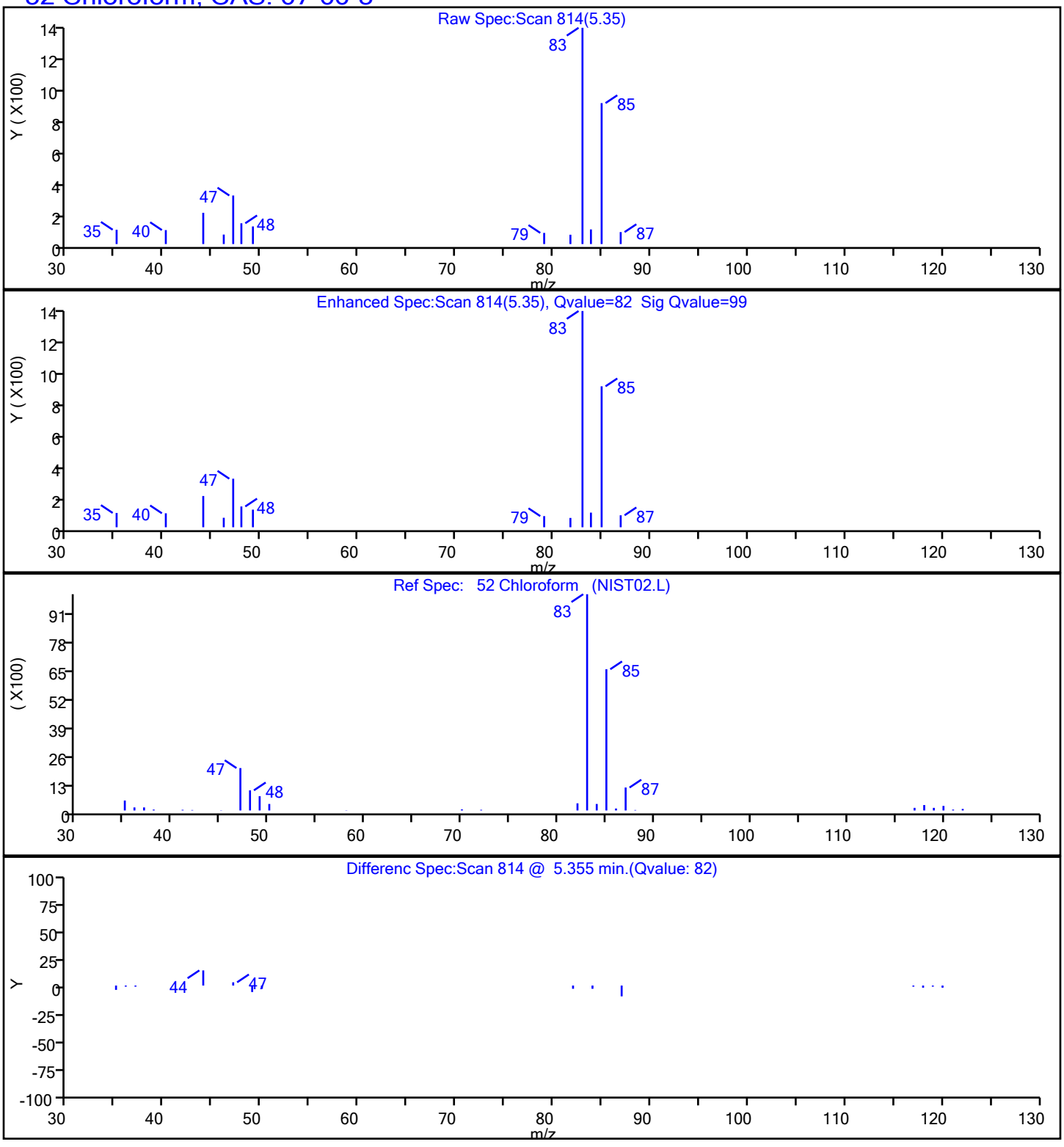
Report Date: 08-May-2025 11:33:46 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D

Injection Date:	08-May-2025 00:43:46	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-4	Lab Sample ID:	460-325502-4		
Client ID:	Dup-01_20250501				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

52 Chloroform, CAS: 67-66-3



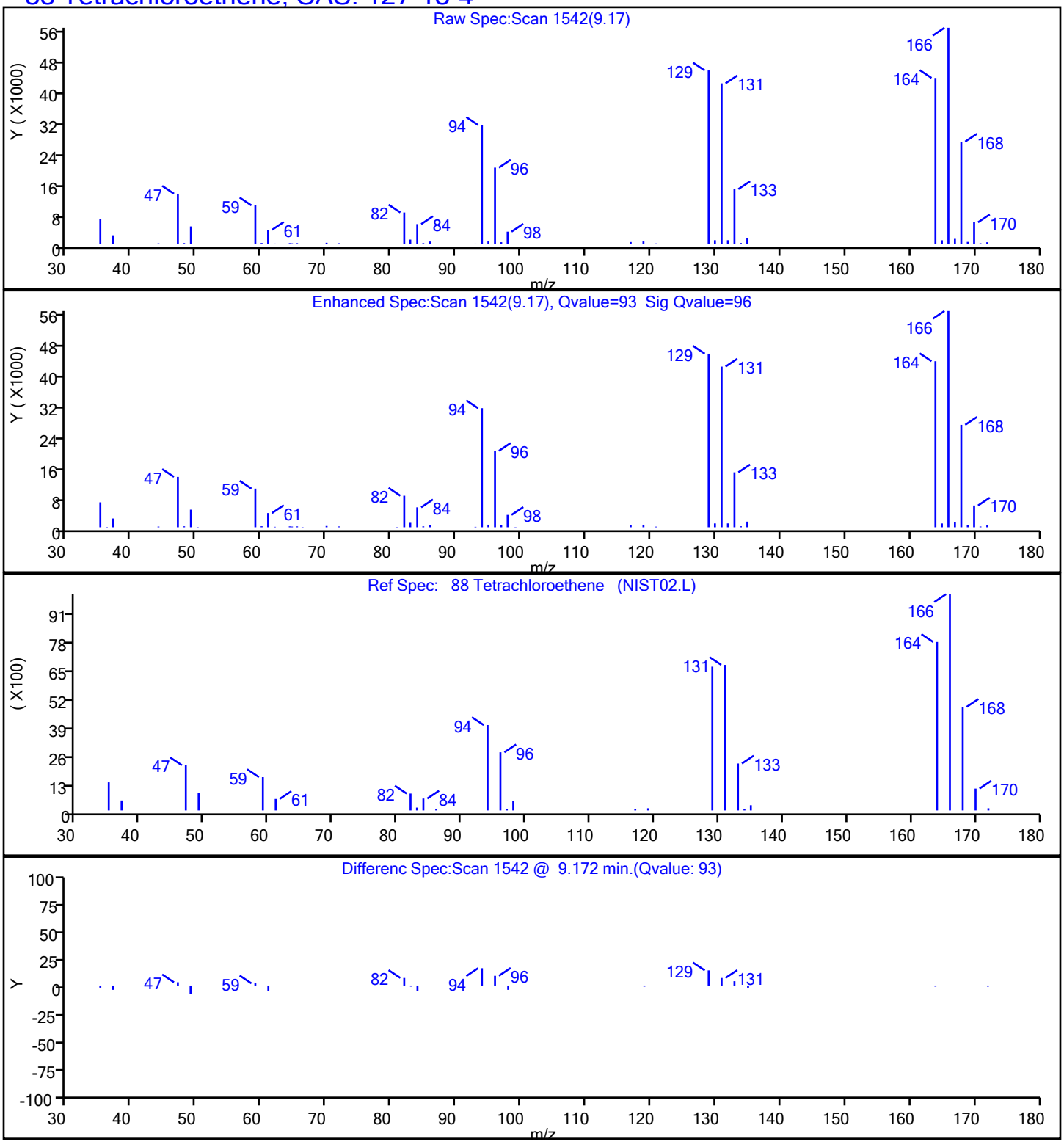
Report Date: 08-May-2025 11:33:47 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D

Injection Date:	08-May-2025 00:43:46	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-4	Lab Sample ID:	460-325502-4		
Client ID:	Dup-01_20250501				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



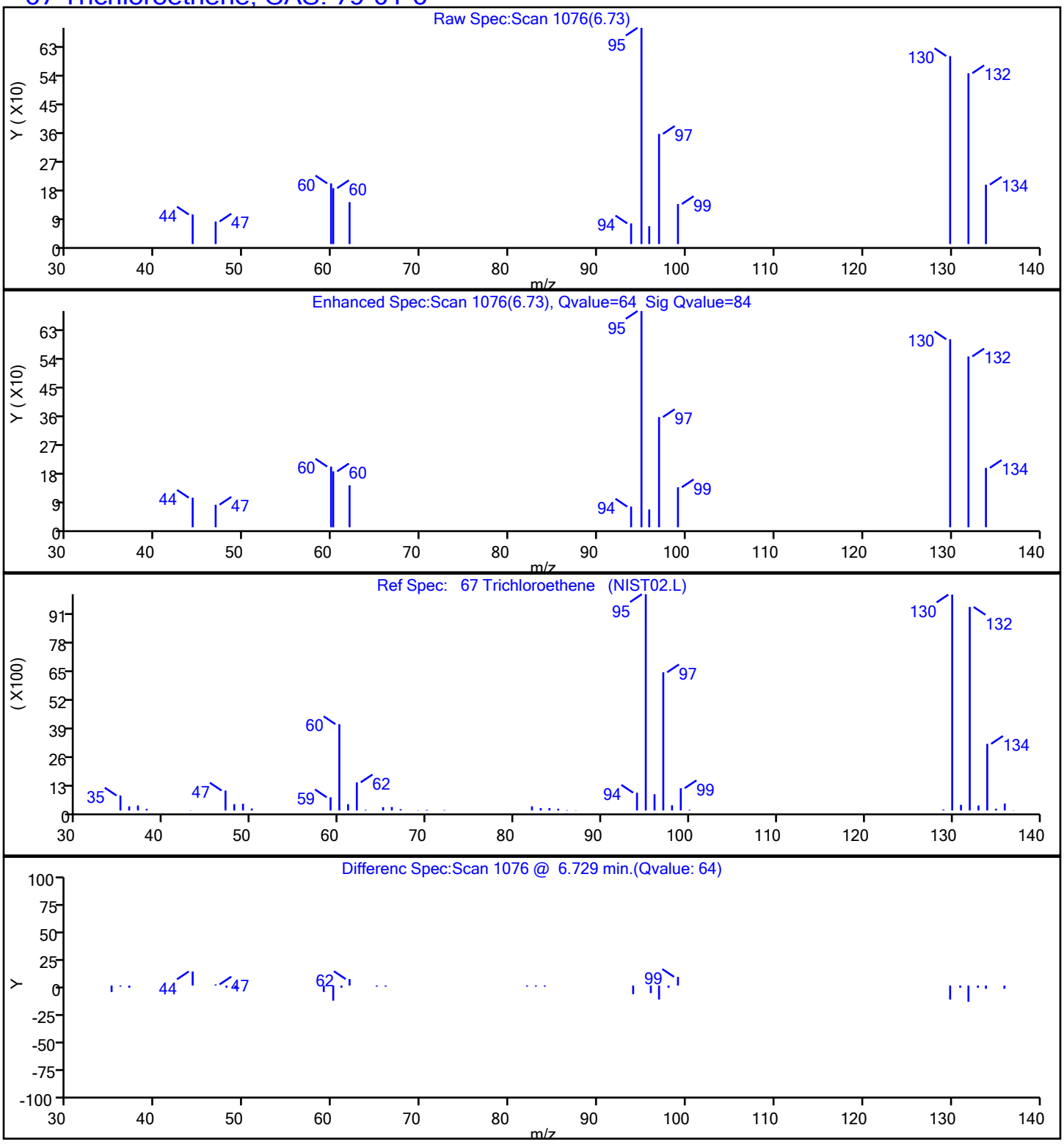
Report Date: 08-May-2025 11:33:47 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D

Injection Date:	08-May-2025 00:43:46	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-4	Lab Sample ID:	460-325502-4		
Client ID:	Dup-01_20250501				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6



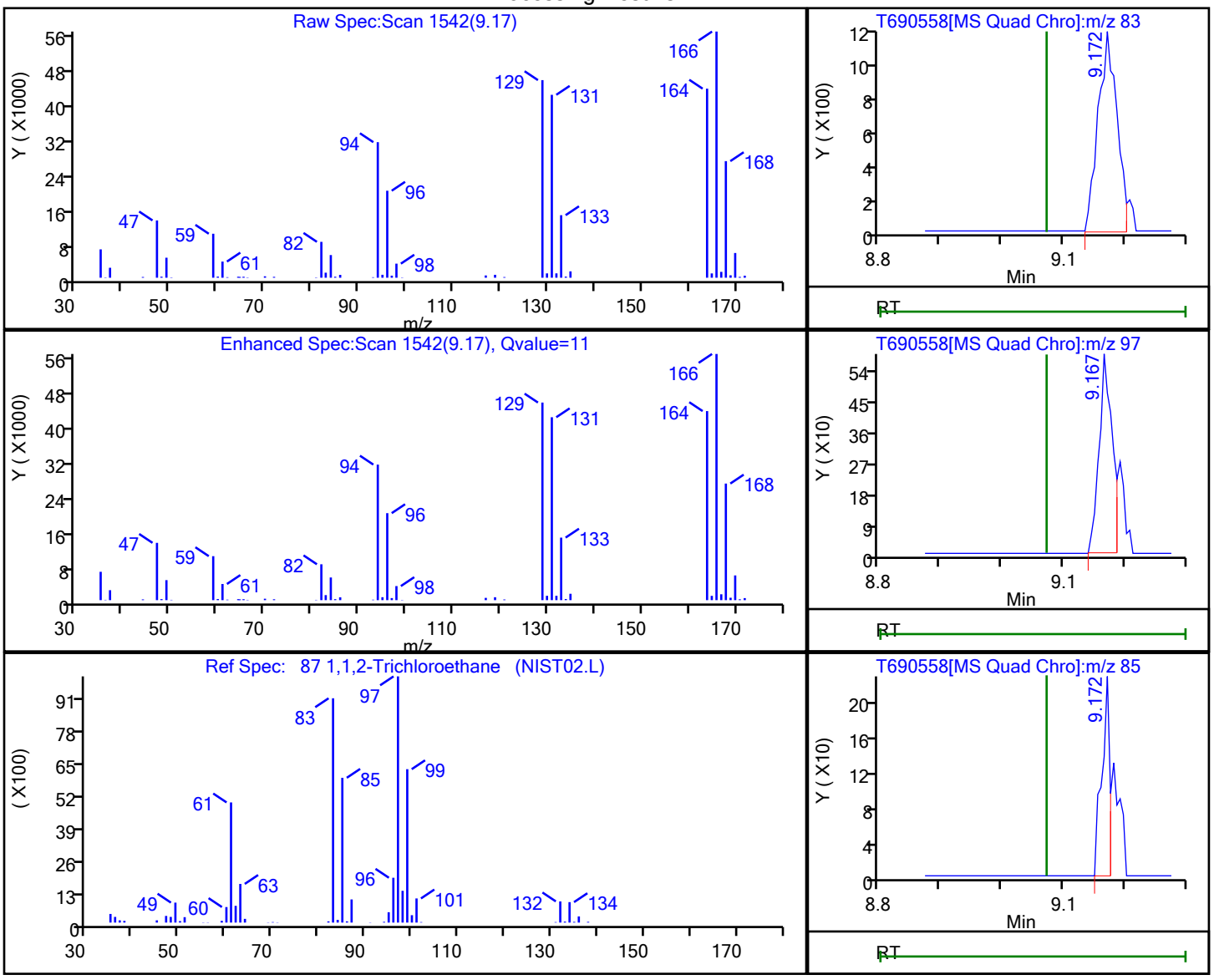
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D				
Injection Date:	08-May-2025 00:43:46	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-4	Lab Sample ID:	460-325502-4		
Client ID:	Dup-01_20250501				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
9.17	83.00	2449	1.478635
9.17	97.00	879	
9.17	85.00	205	

Reviewer: FK2C, 08-May-2025 07:11:12 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

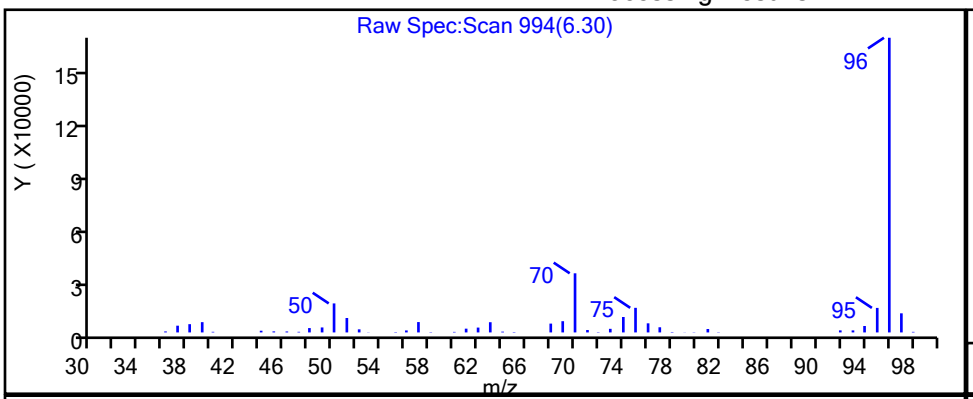
User Disabled Compound Report

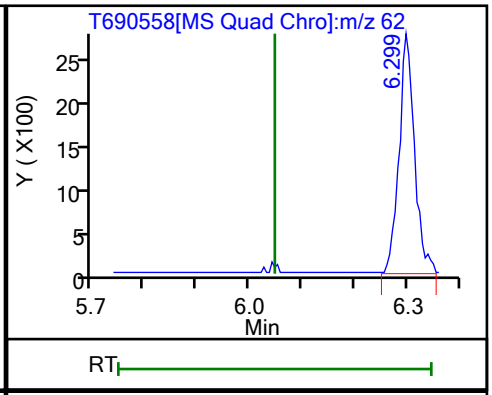
Eurofins Edison

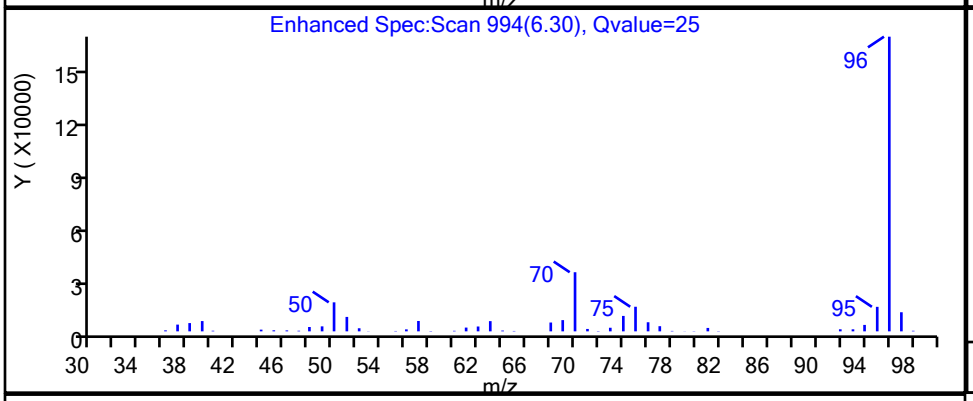
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D				
Injection Date:	08-May-2025 00:43:46	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-4	Lab Sample ID:	460-325502-4		
Client ID:	Dup-01_20250501				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

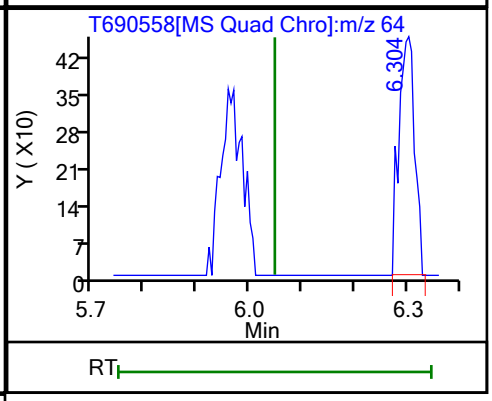
61 1,2-Dichloroethane, CAS: 107-06-2

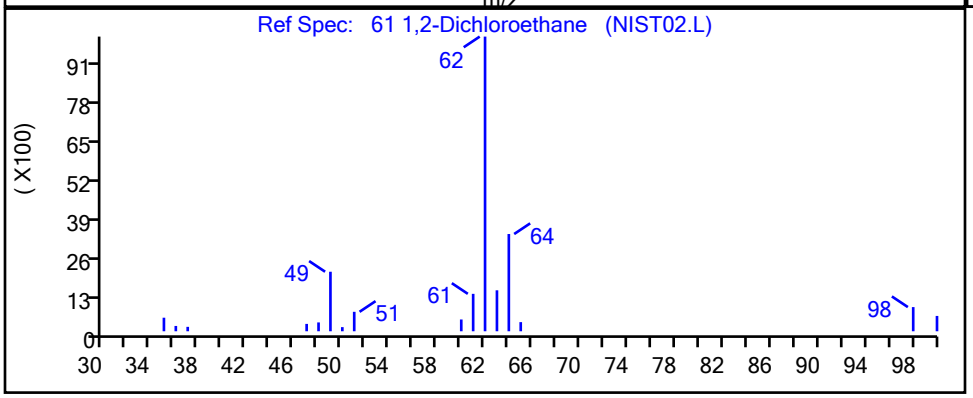
Processing Results











RT	Mass	Response	Amount
6.30	62.00	5591	1.212658
6.30	64.00	959	

Reviewer: FK2C, 08-May-2025 07:11:08 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

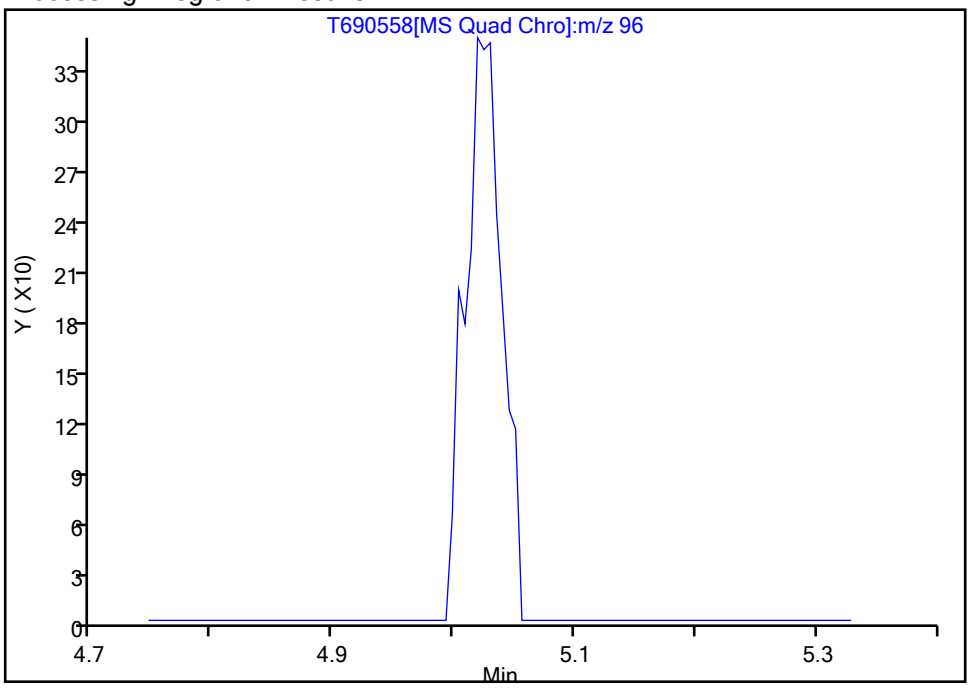
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D				
Injection Date:	08-May-2025 00:43:46	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-4	Lab Sample ID:	460-325502-4		
Client ID:	Dup-01_20250501				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

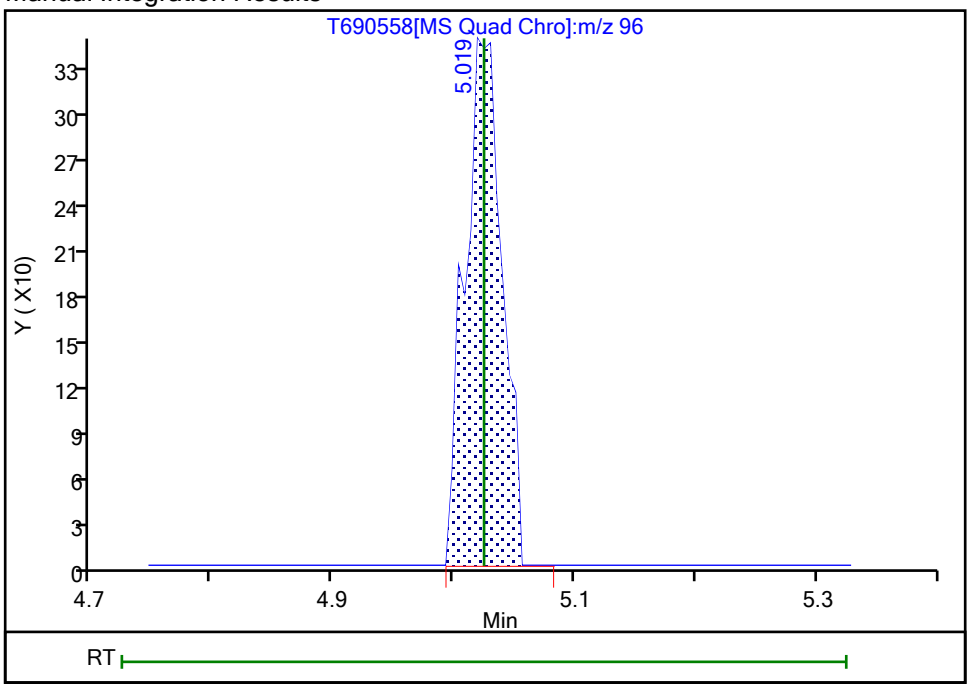
Not Detected
Expected RT: 5.02

Processing Integration Results



Manual Integration Results

RT: 5.02
Area: 734
Amount: 0.247940
Amount Units: ug/l



Reviewer: XE5L, 08-May-2025 11:33:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: FB-01_20250501 | Lab Sample ID: 460-325502-5

Matrix: Water | Lab File ID: T690553.D

Analysis Method: 8260D | Date Collected: 05/01/2025 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 22:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: FB-01_20250501 | Lab Sample ID: 460-325502-5

Matrix: Water | Lab File ID: T690553.D

Analysis Method: 8260D | Date Collected: 05/01/2025 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 22:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: FB-01_20250501 | Lab Sample ID: 460-325502-5

Matrix: Water | Lab File ID: T690553.D

Analysis Method: 8260D | Date Collected: 05/01/2025 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 22:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		70-128
460-00-4	4-Bromofluorobenzene	84		76-120
1868-53-7	Dibromofluoromethane (Surr)	82		77-132
2037-26-5	Toluene-d8 (Surr)	109		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690553.D
Lims ID: 460-325502-A-5
Client ID: FB-01_20250501
Sample Type: Client
Inject. Date: 07-May-2025 22:49:25 ALS Bottle#: 42 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-5
Misc. Info.: 460-0190476-014
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:08:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.672	3.672	0.000	91	19144	1000.0	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	36	159696	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	95	85909	41.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	97	109899	41.1	
* 65 Fluorobenzene	96	6.299	6.299	0.000	99	361347	50.0	
* 73 1,4-Dioxane-d8	96	7.127	7.127	0.000	1	17710	1000.0	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	98	321895	54.4	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	87	242779	50.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	86	89773	42.0	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	98	127518	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00080 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 08-May-2025 07:28:50 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690553.D

Injection Date: 07-May-2025 22:49:25 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-5 Lab Sample ID: 460-325502-5

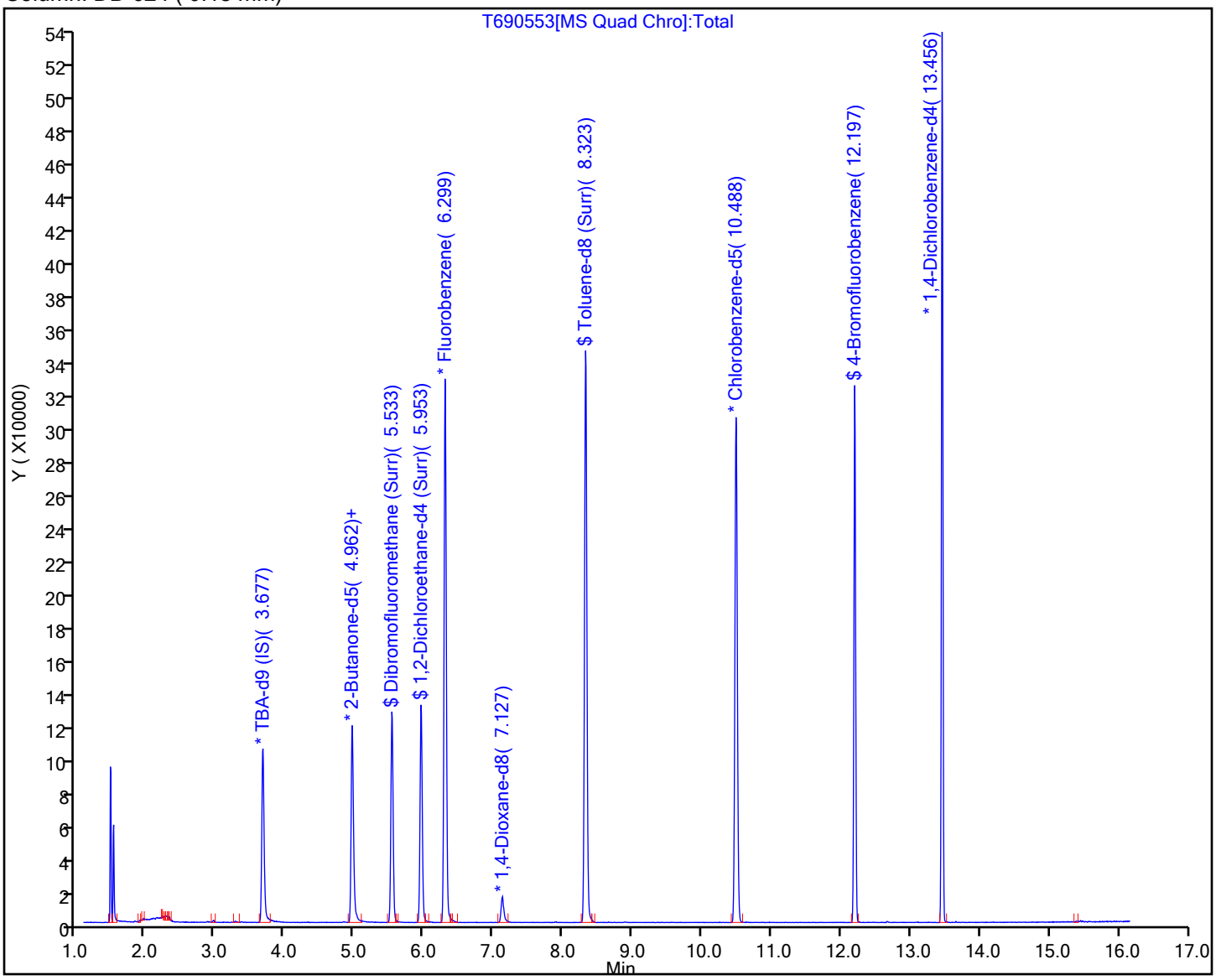
Client ID: FB-01_20250501

Operator ID: ALS Bottle#: 42 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 08-May-2025 07:28:50 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690553.D
Lims ID: 460-325502-A-5
Client ID: FB-01_20250501
Sample Type: Client
Inject. Date: 07-May-2025 22:49:25 ALS Bottle#: 42 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-5
Misc. Info.: 460-0190476-014
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:08:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.2	82.31
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	41.1	82.18
$ 83 Toluene-d8 (Surr)	50.0	54.4	108.72
$ 105 4-Bromofluorobenzene	50.0	42.0	83.94

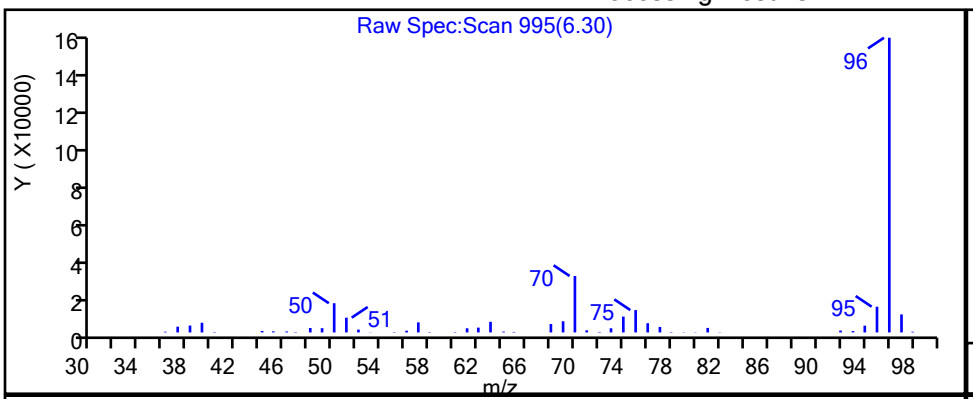
User Disabled Compound Report

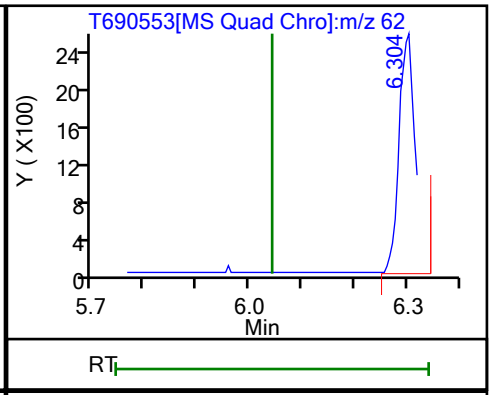
Eurofins Edison

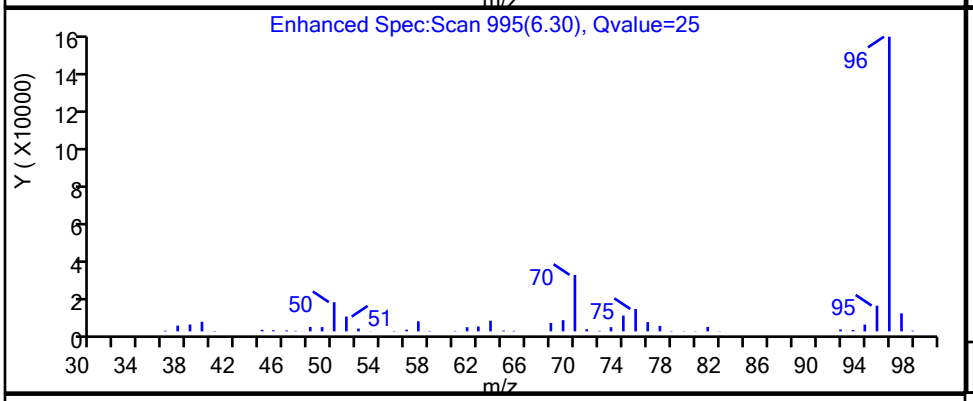
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690553.D		
Injection Date:	07-May-2025 22:49:25	Instrument ID:	CVOAMS15
Lims ID:	460-325502-A-5	Lab Sample ID:	460-325502-5
Client ID:	FB-01_20250501		
Operator ID:		ALS Bottle#:	42 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

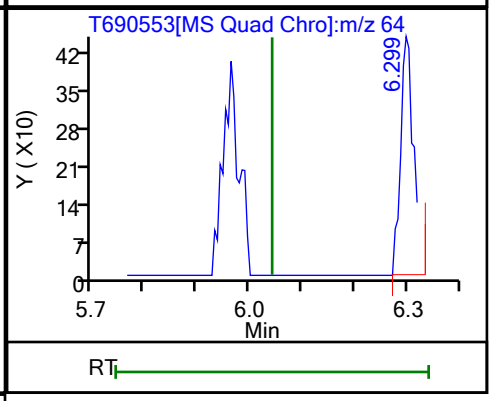
61 1,2-Dichloroethane, CAS: 107-06-2

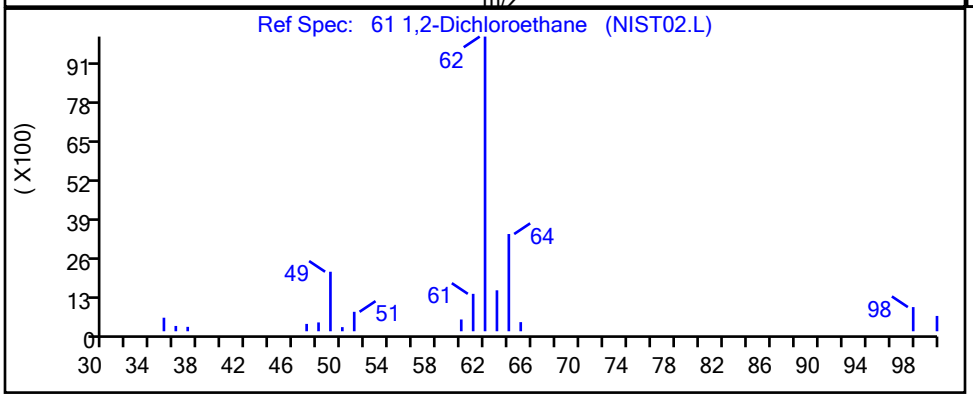
Processing Results











RT	Mass	Response	Amount
6.30	62.00	5355	1.233053
6.30	64.00	742	

Reviewer: FK2C, 08-May-2025 07:08:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: TB-01_20250501 | Lab Sample ID: 460-325502-6

Matrix: Water | Lab File ID: T690554.D

Analysis Method: 8260D | Date Collected: 05/01/2025 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: TB-01_20250501 | Lab Sample ID: 460-325502-6

Matrix: Water | Lab File ID: T690554.D

Analysis Method: 8260D | Date Collected: 05/01/2025 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: TB-01_20250501 | Lab Sample ID: 460-325502-6

Matrix: Water | Lab File ID: T690554.D

Analysis Method: 8260D | Date Collected: 05/01/2025 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		70-128
460-00-4	4-Bromofluorobenzene	84		76-120
1868-53-7	Dibromofluoromethane (Surr)	83		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690554.D
Lims ID: 460-325502-A-6
Client ID: TB-01_20250501
Sample Type: Client
Inject. Date: 07-May-2025 23:12:16 ALS Bottle#: 43 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-6
Misc. Info.: 460-0190476-015
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:09:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.677	3.672	0.005	91	21149	1000.0	
* 42 2-Butanone-d5	46	4.957	4.962	-0.005	37	187313	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	90508	41.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	98	114996	40.9	
* 65 Fluorobenzene	96	6.304	6.299	0.005	99	379599	50.0	
* 73 1,4-Dioxane-d8	96	7.122	7.127	-0.005	1	19653	1000.0	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	97	340282	54.0	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	85	258340	50.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	85	95037	41.8	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	97	132423	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00080 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 08-May-2025 07:28:52 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690554.D

Injection Date: 07-May-2025 23:12:16 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-6 Lab Sample ID: 460-325502-6

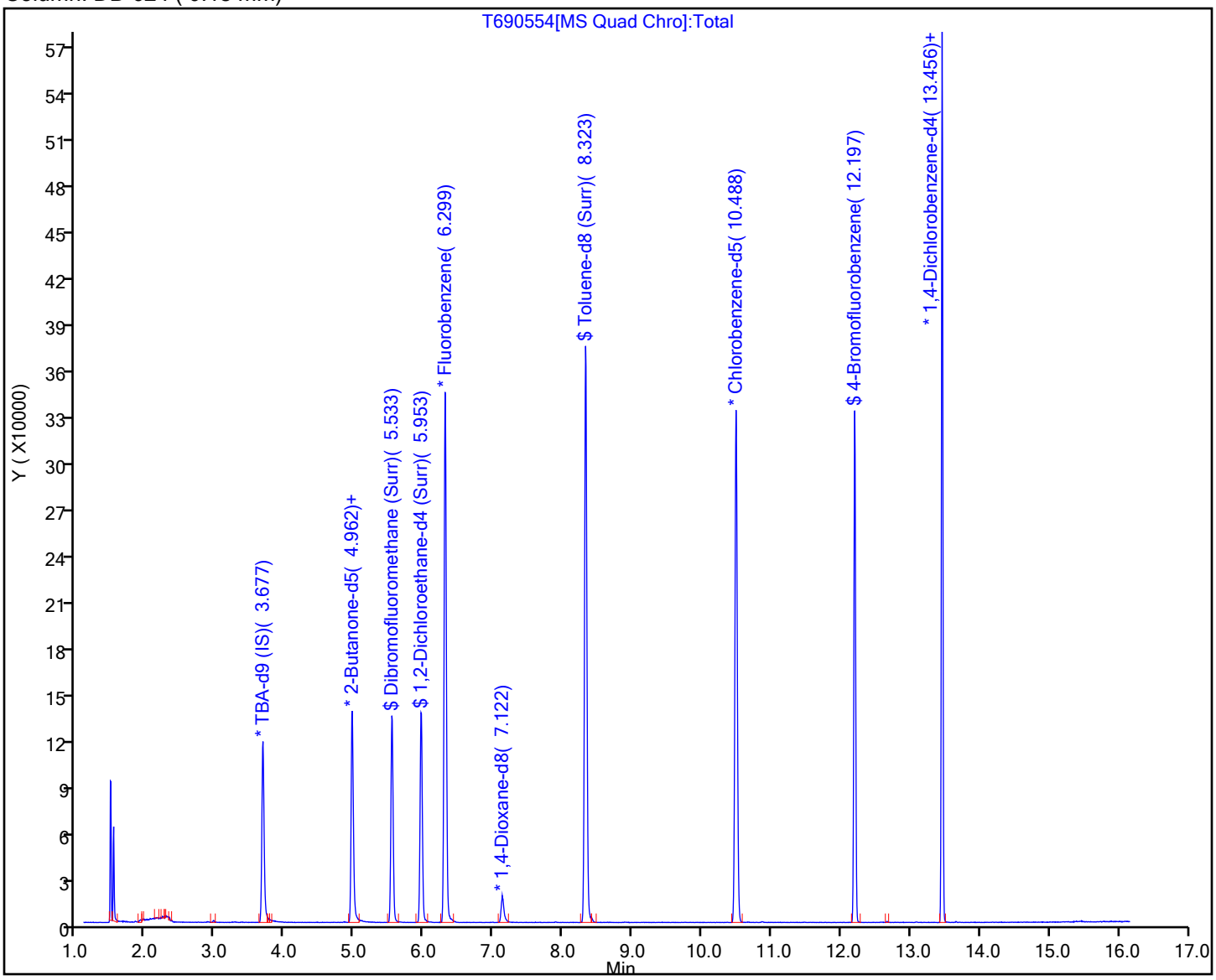
Client ID: TB-01_20250501

Operator ID: ALS Bottle#: 43 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690554.D
Lims ID: 460-325502-A-6
Client ID: TB-01_20250501
Sample Type: Client
Inject. Date: 07-May-2025 23:12:16 ALS Bottle#: 43 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-6
Misc. Info.: 460-0190476-015
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:09:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.3	82.55
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	40.9	81.86
$ 83 Toluene-d8 (Surr)	50.0	54.0	108.01
$ 105 4-Bromofluorobenzene	50.0	41.8	83.51

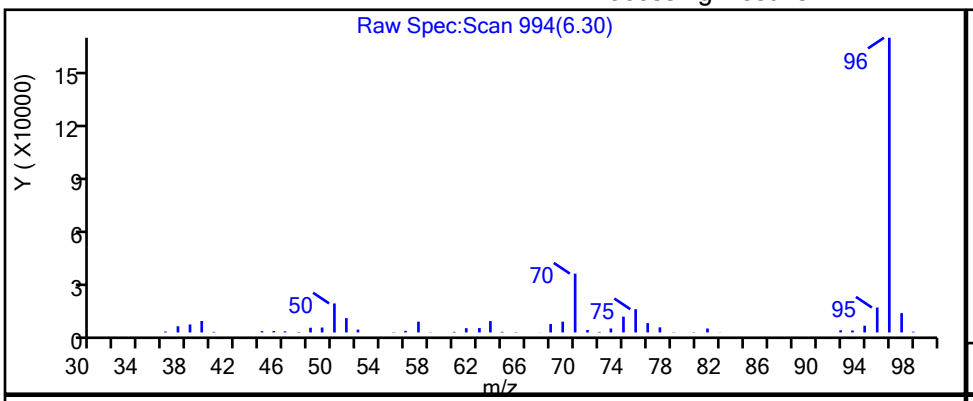
User Disabled Compound Report

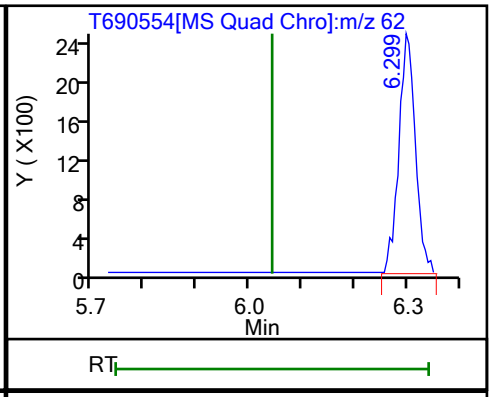
Eurofins Edison

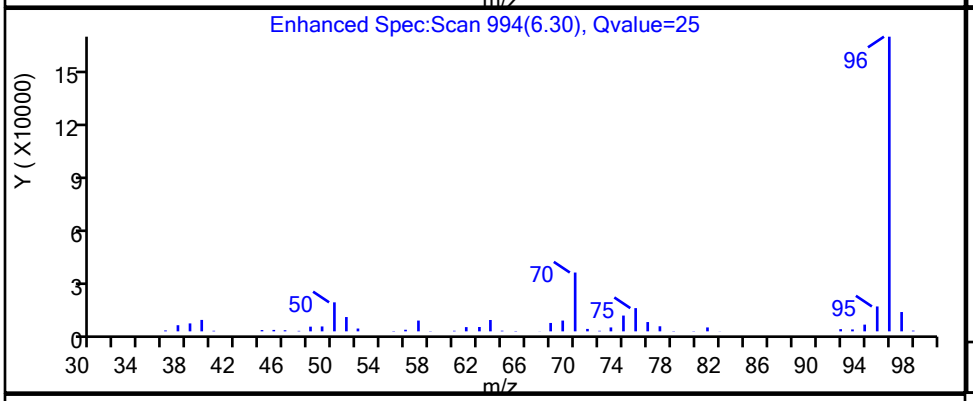
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690554.D				
Injection Date:	07-May-2025 23:12:16	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-6	Lab Sample ID:	460-325502-6		
Client ID:	TB-01_20250501				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

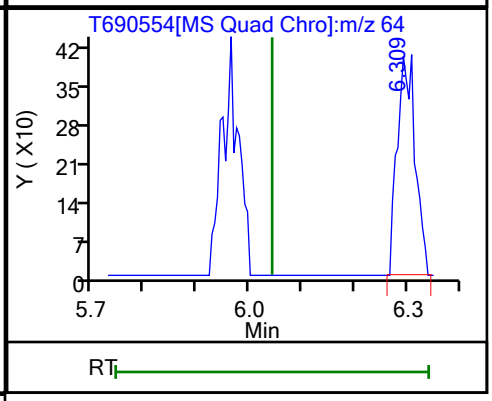
61 1,2-Dichloroethane, CAS: 107-06-2

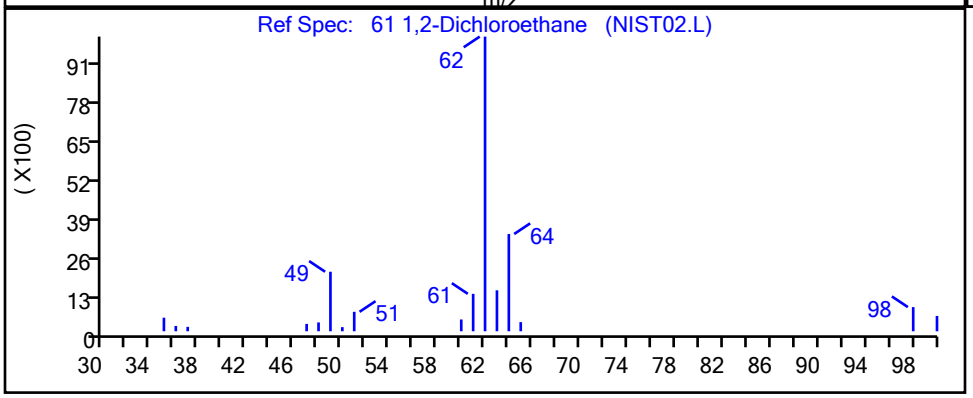
Processing Results











RT	Mass	Response	Amount
6.30	62.00	5282	1.157764
6.31	64.00	968	

Reviewer: FK2C, 08-May-2025 07:09:06 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1032501/4	T689603.D
Level 2	STD9 460-1032501/3	T689602.D
Level 3	STD05 460-1032501/5	T689604.D
Level 4	STD1 460-1032501/18	T689617.D
Level 5	STD5 460-1032501/7	T689606.D
Level 6	STD20 460-1032501/8	T689607.D
Level 7	STD50 460-1032501/9	T689608.D
Level 8	STD200 460-1032501/10	T689609.D
Level 9	STD500 460-1032501/11	T689610.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0669	+++++ 0.0665	0.0791 0.0937	0.0666 +++++	0.0676	Ave		0.0734				15.1		20.0			
Dichlorodifluoromethane	+++++ 0.4469	+++++ 0.4448	0.5016 0.5639	0.4011 0.5852	0.4701	Ave		0.4877			0.1000	13.7		20.0			
Chlorodifluoromethane	+++++ 0.0605	+++++ 0.0635	0.1064 0.0703	0.0711 0.0760	0.0632	Qua2	0.0216	0.0586	0.0000383						0.9940		0.9900
Chloromethane	+++++ 0.3566	+++++ 0.3522	0.4544 0.3996	0.3866 0.4245	0.3866	Ave		0.3944			0.1000	9.2		20.0			
Vinyl chloride	+++++ 0.3308	+++++ 0.3258	0.4234 0.3390	0.2924 0.3431	0.3487	Ave		0.3433			0.1000	11.6		20.0			
Butadiene	0.3470 0.3064	+++++ 0.3002	0.4413 0.3186	0.3121 0.3338	0.3323	Ave		0.3365				13.4		20.0			
Bromomethane	+++++ 0.1829	+++++ 0.2022	0.3978 0.2237	0.2471 +++++	0.1980	Qua2	0.1058	0.1714	0.0002774		0.1000				0.9900		0.9900
Chloroethane	+++++ 0.1972	+++++ 0.2050	0.2479 0.2101	0.1994 0.2039	0.2148	Ave		0.2112			0.1000	8.2		20.0			
Dichlorofluoromethane	+++++ 0.6448	+++++ 0.6623	0.7480 0.6797	0.6230 0.6894	0.6735	Ave		0.6744				5.8		20.0			
Trichlorofluoromethane	+++++ 0.6220	+++++ 0.6445	0.7179 0.6881	0.5785 0.7284	0.6410	Ave		0.6601			0.1000	8.2		20.0			
Pentane	+++++ 0.0602	+++++ 0.0597	0.0576 0.0615	0.0589 0.0651	0.0534	Ave		0.0595				6.0		20.0			
Ethanol	+++++ 0.2385	+++++ 0.2377	0.1288 0.2009	0.1942 0.1907	0.2416	Ave		0.2046				19.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Ethyl ether	+++++ 0.2369	+++++ 0.2444	0.3861 0.2493	0.2642 0.2457	0.2397	Ave		0.2666				20.0		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2576	+++++ 0.2808	0.3128 0.2749	0.2285 0.2774	0.2541	Ave		0.2694				9.8		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2813	+++++ 0.2824	0.3538 0.2891	0.2610 0.3044	0.2727	Ave		0.2921				10.4		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3949	+++++ 0.3975	0.5255 0.4085	0.3689 0.4403	0.4030	Ave		0.4198				12.2		20.0			
Acrolein	+++++ 0.0409	+++++ 0.0408	0.0556 0.0434	0.0381 0.0470	0.0423	Ave		0.0440				13.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroeth ane	+++++ 0.3341	+++++ 0.3357	0.3295 0.3408	0.3079 0.3428	0.2974	Ave		0.3269			0.1000	5.3		20.0			
1,1-Dichloroethene	+++++ 0.3064	+++++ 0.3119	0.3801 0.3112	0.2857 0.3171	0.2793	Ave		0.3131			0.1000	10.5		20.0			
Acetone	+++++ 0.0802	+++++ 0.0769	0.1405 0.0885	0.0884 0.0770	0.0821	QuaF		0.0934	-0.000007		0.0010				0.9990		0.9900
Isopropyl alcohol	+++++ 3.5409	+++++ 3.6755	4.6100 3.5442	3.4855 3.5897	3.1532	Ave		3.6570				12.3		20.0			
Iodomethane	+++++ 0.3174	+++++ 0.3837	0.2312 0.4032	0.3582 0.3602	0.2313	QuaF		0.4233	-0.000126						1.0000		0.9900
Carbon disulfide	+++++ 0.9289	+++++ 0.9617	1.2276 0.9787	0.8887 0.9789	0.8750	Ave		0.9771			0.1000	12.1		20.0			
3-Chloro-1-propene	+++++ 0.1784	+++++ 0.1796	0.2094 0.1564	0.1437 0.1647	0.1748	Ave		0.1724				12.1		20.0			
Methyl acetate	+++++ 0.1782	+++++ 0.1831	0.2547 0.1869	0.1802 0.1883	0.1808	Ave		0.1932			0.0500	14.2		20.0			
Acetonitrile	+++++ 1.3068	+++++ 1.0714	1.4892 0.6643	1.0512 +++++	1.0464	QuaF		1.2366	-0.000286						0.9990		0.9900
Cyclopentene	+++++ 0.8502	+++++ 0.8780	1.0923 0.8457	0.6982 0.8730	0.7837	Ave		0.8602				14.0		20.0			
Methylene Chloride	+++++ 0.3344	+++++ 0.3356	0.4017 0.3406	0.2640 0.3366	0.3244	Ave		0.3339			0.1000	12.0		20.0			
2-Methyl-2-propanol	+++++ 6.6284	+++++ 6.6860	9.1243 6.5846	6.2043 6.3228	6.1304	Ave		6.8115				15.3		20.0			
Methyl tert-butyl ether	+++++ 0.9940	+++++ 1.0388	1.0155 1.0731	0.7926 1.0425	0.9534	Ave		0.9871			0.1000	9.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
trans-1,2-Dichloroethene	+++++ 0.3468	+++++ 0.3526	0.3751 0.3514	0.3391 0.3518	0.3329	Ave		0.3500			0.1000	3.8		20.0			
Acrylonitrile	0.0835 0.0914	+++++ 0.0948	0.1167 0.1004	0.0768 0.0940	0.0920	Ave		0.0937				12.6		20.0			
Hexane	+++++ 0.3748	+++++ 0.3863	0.3803 0.4121	0.3456 0.4251	0.3171	Ave		0.3773				9.8		20.0			
Isopropyl ether	+++++ 0.8253	+++++ 0.8944	0.9514 0.8853	0.6741 0.8902	0.7881	Ave		0.8441				10.8		20.0			
1,1-Dichloroethane	+++++ 0.5961	+++++ 0.6191	0.7210 0.6212	0.5438 0.5836	0.5931	Ave		0.6111			0.2000	9.0		20.0			
Vinyl acetate	+++++ 2.0284	+++++ 1.7934	2.1572 1.1733	1.7501 +++++	1.7311	Ave		1.7723				19.1		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2990	+++++ 0.3125	0.3838 0.2968	0.2625 0.3025	0.2894	Ave		0.3066				12.2		20.0			
Tert-butyl ethyl ether	+++++ 0.9707	+++++ 1.0287	1.0729 1.0333	0.7615 1.0461	0.9060	Ave		0.9742				11.2		20.0			
2,2-Dichloropropane	+++++ 0.1219	+++++ 0.1301	0.1573 0.1347	0.1028 0.1175	0.1248	Ave		0.1270				13.2		20.0			
cis-1,2-Dichloroethene	+++++ 0.3774	+++++ 0.3914	0.4685 0.3953	0.3327 0.3751	0.3606	Ave		0.3859			0.1000	10.9		20.0			
2-Butanone (MEK)	+++++ 0.0380	+++++ 0.0354	+++++ 0.0390	0.0689 0.0352	0.0416	Lin2	0.1629	0.0361			0.0100				0.9980		0.9900
Ethyl acetate	+++++ 1.1071	+++++ 0.9322	1.0786 0.6012	0.8952 +++++	0.9706	Ave		0.9308				19.5		20.0			
Methyl acrylate	+++++ 0.2357	+++++ 0.2459	0.2793 0.2505	0.2977 0.2507	0.2469	Ave		0.2581				8.5		20.0			
Propionitrile	+++++ 0.0373	+++++ 0.0372	0.0439 0.0388	0.0319 0.0388	0.0358	Ave		0.0377				9.6		20.0			
Chlorobromomethane	+++++ 0.1698	+++++ 0.1775	0.2083 0.1752	0.1562 0.1696	0.1751	Ave		0.1760				9.0		20.0			
Tetrahydrofuran	+++++ 1.1327	+++++ 0.9327	1.1676 0.5978	0.7619 +++++	1.1551	QuaF		1.0732	-0.001189						0.9990		0.9900
Methacrylonitrile	+++++ 0.1229	+++++ 0.1296	0.1341 0.1284	0.0981 0.1110	0.1204	Ave		0.1206				10.3		20.0			
Chloroform	+++++ 0.6939	+++++ 0.7044	0.8794 0.7032	0.6181 0.6702	0.6729	Ave		0.7060			0.2000	11.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.6876	+++++ 0.7077	0.7886 0.7217	0.5986 0.6864	0.6692	Ave		0.6942			0.1000	8.3		20.0			
Cyclohexane	+++++ 0.4881	+++++ 0.5145	0.5426 0.5375	0.4664 0.5169	0.4384	Ave		0.5006			0.1000	7.6		20.0			
Carbon tetrachloride	+++++ 0.5795	+++++ 0.6133	0.6773 0.6348	0.4852 0.6144	0.5246	Ave		0.5899			0.1000	11.2		20.0			
1,1-Dichloropropene	+++++ 0.5139	+++++ 0.5386	0.6144 0.5345	0.4642 0.5317	0.4854	Ave		0.5261				9.1		20.0			
Isobutyl alcohol	+++++ 2.2040	+++++ 2.2952	3.7975 2.2630	2.1577 2.2383	2.0697	QuaF		2.2802	-0.000003						1.0000		0.9900
Benzene	+++++ 1.6721	1.7243 1.7015	2.1384 1.6701	1.4309 1.4928	1.5897	Ave		1.6775			0.5000	12.7		20.0			
Isooctane	+++++ 0.7182	+++++ 0.7436	0.6814 0.7555	0.6669 0.7533	0.6077	Ave		0.7038				7.8		20.0			
Isopropyl acetate	+++++ 0.1542	+++++ 0.1612	0.1973 0.1655	0.1303 0.1552	0.1510	Ave		0.1592				12.7		20.0			
1,2-Dichloroethane	+++++ 0.5487	0.7963 0.5628	0.7206 0.5775	0.5192 0.5214	0.5610	Ave		0.6009			0.1000	16.9		20.0			
Tert-amyl methyl ether	+++++ 0.9369	+++++ 1.0056	1.0236 1.0168	0.7050 0.9806	0.8871	Ave		0.9365				12.1		20.0			
n-Heptane	+++++ 0.2919	+++++ 0.2879	0.3563 0.3259	0.2572 0.3373	0.2542	Ave		0.3015				13.1		20.0			
n-Butanol	+++++ 1.5271	+++++ 1.5885	1.9917 1.6141	1.6569 1.6436	1.3442	Ave		1.6237				11.9		20.0			
Trichloroethene	+++++ 0.3936	0.4498 0.4020	0.5012 0.4050	0.3425 0.3939	0.3794	Ave		0.4084			0.2000	11.7		20.0			
Ethyl acrylate	+++++ 0.3519	+++++ 0.3748	0.4517 0.3877	0.2373 0.3824	0.3383	Ave		0.3606				18.1		20.0			
Methylcyclohexane	+++++ 0.5319	+++++ 0.5343	0.5690 0.5746	0.4471 0.5686	0.4447	Ave		0.5243			0.1000	10.7		20.0			
1,2-Dichloropropane	+++++ 0.3152	0.3222 0.3214	0.4140 0.3243	0.2937 0.3123	0.3175	Ave		0.3276			0.1000	11.1		20.0			
Methyl methacrylate	+++++ 0.0790	+++++ 0.0819	0.0864 0.0870	0.0645 0.0865	0.0749	Ave		0.0800				10.2		20.0			
1,4-Dioxane	+++++ 1.1636	+++++ 1.1986	1.1632 1.2540	1.0614 1.1807	1.0946	Ave		1.1595				5.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dibromomethane	+++++ 0.2292	+++++ 0.2337	0.2635 0.2314	0.2229 0.1924	0.2384	Ave		0.2302				9.2		20.0			
n-Propyl acetate	+++++ 0.3580	+++++ 0.3631	0.5474 0.4061	0.3706 0.3856	0.3548	Ave		0.3979				17.2		20.0			
Dichlorobromomethane	+++++ 0.5046	0.6953 0.5275	0.5576 0.5414	0.3834 0.5382	0.4652	Ave		0.5267			0.2000	16.8		20.0			
2-Nitropropane	+++++ 0.0842	+++++ 0.0905	0.1284 0.0948	0.0783 0.0978	0.0815	Ave		0.0936				18.0		20.0			
Epichlorohydrin	0.3860 0.5282	+++++ 0.4898	0.4889 0.3975	0.2586 0.2704	0.4423	QuaF		0.4874	-0.000022						1.0000		0.9900
cis-1,3-Dichloropropene	+++++ 0.7358	0.7654 0.7807	0.7968 0.7683	0.5785 0.7343	0.6774	Ave		0.7297			0.2000	9.8		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 0.2361	+++++ 0.2389	0.2643 0.2559	0.2124 0.2343	0.2225	Ave		0.2378			0.0500	7.5		20.0			
Toluene	+++++ 1.8246	+++++ 1.9083	2.4518 1.8516	1.6970 1.6928	1.7515	Ave		1.8825			0.4000	14.0		20.0			
trans-1,3-Dichloropropene	+++++ 0.6936	0.5754 0.7282	0.7732 0.7325	0.5297 0.7127	0.6061	Ave		0.6689			0.1000	13.0		20.0			
Ethyl methacrylate	+++++ 0.5063	+++++ 0.5230	0.5713 0.5224	0.4259 0.5008	0.4677	Ave		0.5025				9.1		20.0			
1,1,2-Trichloroethane	+++++ 0.3005	0.3446 0.3165	0.3562 0.3074	0.2547 0.2938	0.2989	Ave		0.3091			0.1000	10.2		20.0			
Tetrachloroethene	+++++ 0.5374	0.6946 0.5548	0.6717 0.5479	0.5280 0.5355	0.5433	Ave		0.5767			0.2000	11.5		20.0			
1,3-Dichloropropane	+++++ 0.6701	+++++ 0.6873	0.7995 0.6703	0.5577 0.6474	0.6296	Ave		0.6660				10.9		20.0			
2-Hexanone	+++++ 0.1642	+++++ 0.1651	0.2004 0.1787	0.1478 0.1660	0.1603	Ave		0.1689			0.0500	9.8		20.0			
n-Butyl acetate	+++++ 0.4561	+++++ 0.4754	0.7571 0.4646	0.4795 0.4591	0.4372	QuaF		0.4691	-0.000020						1.0000		0.9900
Chlorodibromomethane	+++++ 0.4704	0.3386 0.5026	0.4780 0.5193	0.3555 0.5090	0.4208	Ave		0.4493			0.1000	15.6		20.0			
Ethylene Dibromide	+++++ 0.4029	+++++ 0.4144	0.4691 0.4105	0.3421 0.3978	0.3726	Ave		0.4013			0.1000	9.8		20.0			
Chlorobenzene	+++++ 1.2250	+++++ 1.2646	1.4767 1.2408	1.1114 1.1957	1.1994	Ave		1.2448			0.5000	9.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.6817	+++++ 0.7023	0.8669 0.6996	0.5448 0.6650	0.6555	Ave		0.6880			0.1000	13.9		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4834	+++++ 0.5168	0.5464 0.5126	0.3714 0.4845	0.4523	Ave		0.4811				11.8		20.0			
m-Xylene & p-Xylene	+++++ 0.8098	+++++ 0.8454	0.9741 0.8274	0.7770 0.8116	0.7720	Ave		0.8310			0.1000	8.2		20.0			
n-Butyl acrylate	+++++ 0.2936	+++++ 0.2947	0.3265 0.2916	0.2485 0.2726	0.2564	Ave		0.2834				9.4		20.0			
o-Xylene	+++++ 0.7880	+++++ 0.8296	1.0074 0.7842	0.7066 0.7501	0.7552	Ave		0.8030			0.3000	12.2		20.0			
Styrene	+++++ 1.2861	+++++ 1.3432	1.4308 1.2831	1.1031 1.2093	1.1931	Ave		1.2641			0.3000	8.5		20.0			
Bromoform	+++++ 0.3089	+++++ 0.3341	0.3098 0.3601	0.2250 0.3540	0.2697	Ave		0.3088			0.1000	15.6		20.0			
Amyl acetate (mixed isomers)	+++++ 0.9086	+++++ 0.9421	0.8800 0.9649	1.0092 0.9398	0.8267	Ave		0.9245				6.4		20.0			
Isopropylbenzene	+++++ 1.9396	+++++ 1.9740	2.3781 1.9110	1.7101 1.7810	1.8141	Ave		1.9297			0.1000	11.3		20.0			
Bromobenzene	+++++ 0.9567	+++++ 0.9697	1.1047 0.9697	0.7993 0.9806	0.8861	Ave		0.9524				9.8		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7611	0.7372 0.7789	0.8422 0.8113	0.6054 0.7628	0.7138	Ave		0.7516			0.3000	9.5		20.0			
1,2,3-Trichloropropane	+++++ 0.2872	+++++ 0.2945	0.3582 0.2993	0.2645 0.2737	0.2767	Ave		0.2934				10.6		20.0			
N-Propylbenzene	+++++ 4.2369	+++++ 4.3543	4.8305 4.2387	3.5970 3.6529	3.8587	Ave		4.1098				10.6		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2386	+++++ 0.2569	0.3068 0.2900	0.2247 0.2669	0.2262	Ave		0.2586				12.2		20.0			
2-Chlorotoluene	+++++ 3.0573	+++++ 3.1490	3.5568 3.0628	2.7522 2.7354	2.8064	Ave		3.0172				9.6		20.0			
4-Ethyltoluene	+++++ 3.5417	+++++ 3.6203	3.8963 3.4901	3.1487 3.1780	3.2060	Ave		3.4402				8.1		20.0			
1,3,5-Trimethylbenzene	+++++ 3.0777	+++++ 3.1342	3.4094 3.0912	2.8273 2.7441	2.8710	Ave		3.0221				7.5		20.0			
4-Chlorotoluene	+++++ 2.9964	+++++ 2.9662	3.4891 2.8579	2.5386 2.5978	2.7065	Ave		2.8789				11.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.8863	+++++ 0.9193	0.9127 0.9215	0.7652 0.9064	0.7624	Ave		0.8677				8.3		20.0			
tert-Butylbenzene	+++++ 2.5775	+++++ 2.6091	3.2305 2.5705	2.3193 2.3622	2.3615	Ave		2.5758				12.1		20.0			
1,2,4-Trimethylbenzene	+++++ 3.1314	+++++ 3.1869	3.6819 3.1357	2.7748 2.7586	2.9031	Ave		3.0818				10.3		20.0			
sec-Butylbenzene	+++++ 3.4945	+++++ 3.5891	4.1022 3.4721	3.0914 3.1040	3.2036	Ave		3.4367				10.3		20.0			
1,3-Dichlorobenzene	+++++ 1.6810	+++++ 1.7337	2.0063 1.7200	1.5461 1.5337	1.5925	Ave		1.6876			0.6000	9.6		20.0			
4-Isopropyltoluene	+++++ 3.1296	+++++ 3.1960	3.6875 3.0716	2.8786 2.5741	2.8691	Ave		3.0581				11.3		20.0			
1,4-Dichlorobenzene	+++++ 1.7011	+++++ 1.7212	2.0951 1.7292	1.7052 1.6210	1.5713	Ave		1.7349			0.5000	9.8		20.0			
1,2,3-Trimethylbenzene	+++++ 3.1924	+++++ 3.2279	3.8692 3.0542	2.9583 2.7162	2.8114	Ave		3.1185				12.2		20.0			
Benzyl chloride	+++++ 1.6579	+++++ 1.7369	1.7784 1.8077	1.2908 1.7311	1.4223	Ave		1.6322				12.1		20.0			
Indan	+++++ 2.6426	+++++ 2.6462	3.1310 2.5779	2.2724 2.3990	2.3734	Ave		2.5775				11.0		20.0			
p-Diethylbenzene	+++++ 1.7952	+++++ 1.8064	2.2884 1.7472	1.5928 1.5883	1.6210	Ave		1.7770				13.7		20.0			
n-Butylbenzene	+++++ 1.4955	+++++ 1.5130	1.6326 1.4514	1.2980 1.2942	1.3571	Ave		1.4345				8.7		20.0			
1,2-Dichlorobenzene	+++++ 1.5314	+++++ 1.5423	1.8581 1.5374	1.4957 1.4478	1.4419	Ave		1.5507			0.4000	9.1		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.6936	+++++ 2.7638	3.0565 2.6367	2.6413 2.3688	2.4272	Ave		2.6554				8.5		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1854	+++++ 0.1872	0.1586 0.1992	0.1494 0.1874	0.1662	Ave		0.1762			0.0500	10.3		20.0			
1,3,5-Trichlorobenzene	+++++ 1.0723	+++++ 1.1073	1.2442 1.0683	1.0448 1.0434	0.9939	Ave		1.0820				7.3		20.0			
1,2,4-Trichlorobenzene	+++++ 0.8483	+++++ 0.8951	1.1314 0.9136	1.0038 0.8795	0.7740	Ave		0.9208			0.2000	12.6		20.0			
Hexachlorobutadiene	+++++ 0.4679	+++++ 0.4846	0.6502 0.4915	0.9502 0.4749	0.4203	QuaF		0.4997	-0.000049						1.0000		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.9539	+++++ 2.0491	2.4911 2.1899	2.6307 2.0321	1.8357	Ave		2.1689				13.4		20.0			
1,2,3-Trichlorobenzene	+++++ 0.7175	+++++ 0.7335	0.8796 0.7596	0.9694 0.7422	0.6276	Ave		0.7757				14.6		20.0			
Dibromofluoromethane (Surr)	0.2839 0.2859	0.3015 0.2859	0.2947 0.2827	0.2972 0.2764	0.2913	Ave		0.2888				2.7		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3571 0.3602	0.3861 0.3612	0.3680 0.3841	0.3725 0.3739	0.3675	Ave		0.3701				2.8		20.0			
Toluene-d8 (Surr)	1.2284 1.2238	1.2210 1.2309	1.2299 1.2061	1.2170 1.1912	1.2271	Ave		1.2195				1.1		20.0			
4-Bromofluorobenzene	0.4384 0.4327	0.4528 0.4334	0.4449 0.4346	0.4454 0.4350	0.4476	Ave		0.4405				1.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1032501/4	T689603.D
Level 2	STD9 460-1032501/3	T689602.D
Level 3	STD05 460-1032501/5	T689604.D
Level 4	STD1 460-1032501/18	T689617.D
Level 5	STD5 460-1032501/7	T689606.D
Level 6	STD20 460-1032501/8	T689607.D
Level 7	STD50 460-1032501/9	T689608.D
Level 8	STD200 460-1032501/10	T689609.D
Level 9	STD500 460-1032501/11	T689610.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++	+++++	411	646	3466	+++++	+++++	0.500	1.00	5.00
			14218	35328	202666	+++++		20.0	50.0	200	+++++	
Dichlorodifluoromethane	FB	Ave	+++++	+++++	2606	3890	24087	+++++	+++++	0.500	1.00	5.00
			94998	236331	1219947	3219952		20.0	50.0	200	500	
Chlorodifluoromethane	FB	Qua2	+++++	+++++	553	690	3239	+++++	+++++	0.500	1.00	5.00
			12861	33724	152022	418403		20.0	50.0	200	500	
Chloromethane	FB	Ave	+++++	+++++	2361	3749	19808	+++++	+++++	0.500	1.00	5.00
			75810	187158	864414	2335577		20.0	50.0	200	500	
Vinyl chloride	FB	Ave	+++++	+++++	2200	2836	17868	+++++	+++++	0.500	1.00	5.00
			70317	173133	733423	1887889		20.0	50.0	200	500	
Butadiene	FB	Ave	953	+++++	2293	3027	17023	0.250	+++++	0.500	1.00	5.00
			65136	159498	689210	1836498		20.0	50.0	200	500	
Bromomethane	FB	Qua2	+++++	+++++	2067	2396	10145	+++++	+++++	0.500	1.00	5.00
			38888	107444	483882	+++++		20.0	50.0	200	+++++	
Chloroethane	FB	Ave	+++++	+++++	1288	1934	11005	+++++	+++++	0.500	1.00	5.00
			41917	108921	454451	1121679		20.0	50.0	200	500	
Dichlorofluoromethane	FB	Ave	+++++	+++++	3886	6042	34508	+++++	+++++	0.500	1.00	5.00
			137061	351948	1470528	3792998		20.0	50.0	200	500	
Trichlorofluoromethane	FB	Ave	+++++	+++++	3730	5610	32839	+++++	+++++	0.500	1.00	5.00
			132214	342456	1488737	4007752		20.0	50.0	200	500	
Pentane	FB	Ave	+++++	+++++	599	1143	5473	+++++	+++++	1.00	2.00	10.0
			25577	63474	266110	716272		40.0	100	400	1000	
Ethanol	TBAd9	Ave	+++++	+++++	113	304	2274	+++++	+++++	20.0	40.0	200
			8885	22113	83355	201376		800	2000	8000	20000	
Ethyl ether	FB	Ave	+++++	+++++	2006	2562	12282	+++++	+++++	0.500	1.00	5.00
			50362	129877	539375	1351929		20.0	50.0	200	500	
2-Methyl-1,3-butadiene	FB	Ave	+++++	+++++	1625	2216	13017	+++++	+++++	0.500	1.00	5.00
			54760	149202	594732	1526457		20.0	50.0	200	500	
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++	+++++	1838	2531	13971	+++++	+++++	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			59784	150067	625410	1674908		20.0	50.0	200	500	
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 83948	+++++ 211197	2730 883871	3578 2422598	20647	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Acrolein	FB	Ave	+++++ 17370	+++++ 43307	1156 93917	1479 206878	8664	+++++ 40.0	+++++ 100	2.00 200	4.00 400	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 71025	+++++ 178393	1712 737316	2986 1885957	15235	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1-Dichloroethene	FB	Ave	+++++ 65132	+++++ 165753	1975 673298	2771 1744392	14312	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Acetone	FB	QuaF	+++++ 85280	+++++ 204241	3651 956790	4287 2117247	21032	+++++ 100	+++++ 250	2.50 1000	5.00 2500	25.0
Isopropyl alcohol	TBAd9	Ave	+++++ 32976	+++++ 85481	1011 367565	1364 947722	7420	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Iodomethane	FB	QuaF	+++++ 67463	+++++ 203860	1201 872270	3474 1982029	11853	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Carbon disulfide	FB	Ave	+++++ 197440	+++++ 510991	6378 2117365	8619 5385585	44830	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
3-Chloro-1-propene	FB	Ave	+++++ 37924	+++++ 95420	1088 338276	1394 906323	8958	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methyl acetate	FB	Ave	+++++ 75777	+++++ 194604	2647 808861	3496 2072409	18530	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
Acetonitrile	BUT	QuaF	+++++ 91299	+++++ 230405	2927 928609	3787 +++++	19681	+++++ 200	+++++ 500	5.00 2000	10.0 +++++	50.0
Cyclopentene	FB	Ave	+++++ 180729	+++++ 466551	5675 1829678	6771 4803013	40154	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methylene Chloride	FB	Ave	+++++ 71077	+++++ 178304	2087 736904	2560 1851915	16622	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2-Methyl-2-propanol	TBAd9	Ave	+++++ 61729	+++++ 155496	2001 682889	2428 1669310	14426	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 211277	+++++ 551984	5276 2321701	7687 5735426	48846	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
trans-1,2-Dichloroethene	FB	Ave	+++++ 73715	+++++ 187379	1949 760317	3289 1935741	17057	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Acrylonitrile	FB	Ave	1834 194313	+++++ 503477	6063 2172172	7448 5169956	47149	2.00 200	+++++ 500	5.00 2000	10.0 5000	50.0
Hexane	FB	Ave	+++++ 79671	+++++ 205270	1976 891527	3352 2338995	16247	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Isopropyl ether	FB	Ave	+++++ 175434	+++++ 475245	4943 1915337	6538 4897839	40379	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1-Dichloroethane	FB	Ave	+++++	+++++	3746	5274	30389	+++++	+++++	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			126702	328968	1343921	3210765		20.0	50.0	200	500	
Vinyl acetate	BUT	Ave	+++++ 28343	+++++ 77138	848 328017	1261 +++++	6512	+++++ 40.0	+++++ 100	1.00 400	2.00 +++++	10.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 63555	+++++ 166032	1994 642162	2546 1664060	14827	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Tert-butyl ethyl ether	FB	Ave	+++++ 206338	+++++ 546632	5574 2235401	7385 5755269	46420	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2,2-Dichloropropane	FB	Ave	+++++ 25903	+++++ 69111	817 291416	997 646317	6396	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
cis-1,2-Dichloroethene	FB	Ave	+++++ 80228	+++++ 207988	2434 855121	3227 2063607	18473	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2-Butanone (MEK)	FB	Lin2	+++++ 40382	+++++ 94182	+++++ 421524	3339 968908	10664	+++++ 100	+++++ 250	+++++ 1000	5.00 2500	25.0
Ethyl acetate	BUT	Ave	+++++ 15470	+++++ 40093	424 168069	645 +++++	3651	+++++ 40.0	+++++ 100	1.00 400	2.00 +++++	10.0
Methyl acrylate	FB	Ave	+++++ 50094	+++++ 130664	1451 541839	2887 1379274	12650	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Propionitrile	FB	Ave	+++++ 79386	+++++ 197513	2280 839748	3090 2135120	18346	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Chlorobromomethane	FB	Ave	+++++ 36086	+++++ 94337	1082 379138	1515 933118	8969	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Tetrahydrofuran	BUT	QuaF	+++++ 15828	+++++ 40115	459 167127	549 +++++	4345	+++++ 40.0	+++++ 100	1.00 400	2.00 +++++	10.0
Methacrylonitrile	FB	Ave	+++++ 261143	+++++ 688463	6965 2778505	9511 6106856	61701	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Chloroform	FB	Ave	+++++ 147500	+++++ 374282	4569 1521381	5994 3687529	34477	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1,1-Trichloroethane	FB	Ave	+++++ 146153	+++++ 376021	4097 1561375	5805 3776581	34285	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Cyclohexane	FB	Ave	+++++ 103747	+++++ 273372	2819 1162798	4523 2843674	22460	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Carbon tetrachloride	FB	Ave	+++++ 123190	+++++ 325873	3519 1373402	4706 3380613	26877	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1-Dichloropropene	FB	Ave	+++++ 109237	+++++ 286168	3192 1156437	4502 2925140	24867	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Isobutyl alcohol	TBAd9	QuaF	+++++ 51314	+++++ 133450	2082 586742	2111 1477353	12176	+++++ 500	+++++ 1250	12.5 5000	25.0 12500	125
Benzene	CBNZd5	Ave	+++++ 285664	2877 726065	8939 2991829	11328 6965587	65982	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Isooctane	FB	Ave	+++++	+++++	3540	6468	31133	+++++	+++++	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			152662	395127	1634500	4144735		20.0	50.0	200	500	
Isopropyl acetate	FB	Ave	+++++ 32778	+++++ 85633	1025 357961	1264 853774	7738	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dichloroethane	FB	Ave	+++++ 116627	1609 299029	3744 1249486	5035 2868826	28741	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Tert-amyl methyl ether	FB	Ave	+++++ 199158	+++++ 534351	5318 2199817	6837 5395143	45449	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Heptane	FB	Ave	+++++ 62039	+++++ 152981	1851 705077	2494 1855782	13023	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Butanol	TBAd9	Ave	+++++ 35554	+++++ 92359	1092 418503	1621 1084849	7908	+++++ 500	+++++ 1250	12.5 5000	25.0 12500	125
Trichloroethene	FB	Ave	+++++ 83668	909 213633	2604 876115	3322 2167214	19437	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Ethyl acrylate	FB	Ave	+++++ 74811	+++++ 199179	2347 838728	2301 2103817	17332	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methylcyclohexane	FB	Ave	+++++ 113056	+++++ 283884	2956 1243036	4336 3128546	22786	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dichloropropane	FB	Ave	+++++ 67006	651 170760	2151 701530	2848 1718274	16267	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Methyl methacrylate	FB	Ave	+++++ 33584	+++++ 87031	898 376460	1252 951640	7680	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
1,4-Dioxane	DXE	Ave	+++++ 15879	+++++ 41426	881 177593	1424 424998	3536	+++++ 400	+++++ 1000	25.0 4000	50.0 10000	100
Dibromomethane	FB	Ave	+++++ 48719	+++++ 124171	1369 500561	2162 1058833	12213	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Propyl acetate	FB	Ave	+++++ 76093	+++++ 192933	2844 878630	3594 2121318	18180	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Dichlorobromomethane	FB	Ave	+++++ 107262	1405 280268	2897 1171333	3718 2961375	23834	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
2-Nitropropane	FB	Ave	+++++ 35801	+++++ 96150	1334 410405	1518 1075897	8355	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
Epichlorohydrin	BUT	QuaF	1254 73807	+++++ 210658	1922 1111384	1863 2157491	16639	5.00 400	+++++ 1000	10.0 4000	20.0 10000	100
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 125708	1277 333151	3331 1376332	4580 3426484	28118	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
4-Methyl-2-pentanone (MIBK)	FB	Ave	+++++ 250918	+++++ 634719	6865 2768194	10299 6445032	57008	+++++ 100	+++++ 250	2.50 1000	5.00 2500	25.0
Toluene	CBNZd5	Ave	+++++ 311710	+++++ 814335	10249 3317112	13434 7898826	72698	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 118496	960 310736	3232 1312155	4193 3325817	25158	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Ethyl methacrylate	CBNZd5	Ave	+++++ 86501	+++++ 223186	2388 935765	3372 2336638	19412	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 51342	575 135070	1489 550678	2016 1371012	12407	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Tetrachloroethene	CBNZd5	Ave	+++++ 91802	1159 236740	2808 981598	4180 2498700	22551	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
1,3-Dichloropropane	CBNZd5	Ave	+++++ 114485	+++++ 293289	3342 1200805	4415 3021085	26132	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2-Hexanone	FB	Ave	+++++ 174517	+++++ 438594	5205 1933181	7166 4565427	41073	+++++ 100	+++++ 250	2.50 1000	5.00 2500	25.0
n-Butyl acetate	CBNZd5	QuaF	+++++ 77920	+++++ 202874	3165 832390	3796 2142229	18147	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Chlorodibromomethane	CBNZd5	Ave	+++++ 80354	565 214453	1998 930365	2814 2375111	17466	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Ethylene Dibromide	CBNZd5	Ave	+++++ 68839	+++++ 176826	1961 735353	2708 1856213	15463	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Chlorobenzene	CBNZd5	Ave	+++++ 209282	+++++ 539642	6173 2222774	8798 5579502	49784	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Ethylbenzene	CBNZd5	Ave	+++++ 116456	+++++ 299700	3624 1253337	4313 3103152	27205	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 82588	+++++ 220520	2284 918302	2940 2260610	18775	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 138340	+++++ 360771	4072 1482198	6151 3786907	32044	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Butyl acrylate	CBNZd5	Ave	+++++ 50161	+++++ 125744	1365 522354	1967 1271937	10642	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
o-Xylene	CBNZd5	Ave	+++++	+++++	4211	5594	31344	+++++	+++++	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			134621	354000	1404800	3499955		20.0	50.0	200	500	
Styrene	CBNZd5	Ave	+++++	+++++	5981	8733	49519	+++++	+++++	0.500	1.00	5.00
			219706	573177	2298657	5642739		20.0	50.0	200	500	
Bromoform	CBNZd5	Ave	+++++	+++++	1295	1781	11196	+++++	+++++	0.500	1.00	5.00
			52773	142557	645107	1651613		20.0	50.0	200	500	
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++	+++++	2209	4823	20650	+++++	+++++	0.500	1.00	5.00
			90266	235621	996065	2472243		20.0	50.0	200	500	
Isopropylbenzene	CBNZd5	Ave	+++++	+++++	9941	13538	75296	+++++	+++++	0.500	1.00	5.00
			331362	842348	3423422	8310458		20.0	50.0	200	500	
Bromobenzene	DCBd4	Ave	+++++	+++++	2773	3820	22136	+++++	+++++	0.500	1.00	5.00
			95050	242540	1001047	2579612		20.0	50.0	200	500	
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++	747	2114	2893	17832	+++++	0.200	0.500	1.00	5.00
			75616	194814	837496	2006773		20.0	50.0	200	500	
1,2,3-Trichloropropane	DCBd4	Ave	+++++	+++++	899	1264	6913	+++++	+++++	0.500	1.00	5.00
			28536	73653	309013	719970		20.0	50.0	200	500	
N-Propylbenzene	DCBd4	Ave	+++++	+++++	12125	17190	96392	+++++	+++++	0.500	1.00	5.00
			420926	1089042	4375748	9609683		20.0	50.0	200	500	
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++	+++++	770	1074	5650	+++++	+++++	0.500	1.00	5.00
			23706	64249	299377	702194		20.0	50.0	200	500	
2-Chlorotoluene	DCBd4	Ave	+++++	+++++	8928	13153	70105	+++++	+++++	0.500	1.00	5.00
			303740	787593	3161875	7196099		20.0	50.0	200	500	
4-Ethyltoluene	DCBd4	Ave	+++++	+++++	9780	15048	80086	+++++	+++++	0.500	1.00	5.00
			351867	905466	3602974	8360288		20.0	50.0	200	500	
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++	+++++	8558	13512	71717	+++++	+++++	0.500	1.00	5.00
			305764	783884	3191172	7218793		20.0	50.0	200	500	
4-Chlorotoluene	DCBd4	Ave	+++++	+++++	8758	12132	67609	+++++	+++++	0.500	1.00	5.00
			297686	741873	2950320	6833967		20.0	50.0	200	500	
Butyl Methacrylate	DCBd4	Ave	+++++	+++++	2291	3657	19045	+++++	+++++	0.500	1.00	5.00
			88055	229919	951248	2384520		20.0	50.0	200	500	
tert-Butylbenzene	DCBd4	Ave	+++++	+++++	8109	11084	58990	+++++	+++++	0.500	1.00	5.00
			256067	652557	2653616	6214336		20.0	50.0	200	500	
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++	+++++	9242	13261	72519	+++++	+++++	0.500	1.00	5.00
			311103	797066	3237132	7257116		20.0	50.0	200	500	
sec-Butylbenzene	DCBd4	Ave	+++++	+++++	10297	14774	80026	+++++	+++++	0.500	1.00	5.00
			347173	897651	3584350	8165784		20.0	50.0	200	500	
1,3-Dichlorobenzene	DCBd4	Ave	+++++	+++++	5036	7389	39782	+++++	+++++	0.500	1.00	5.00
			167007	433623	1775599	4034778		20.0	50.0	200	500	
4-Isopropyltoluene	DCBd4	Ave	+++++	+++++	9256	13757	71671	+++++	+++++	0.500	1.00	5.00
			310925	799349	3170892	6771732		20.0	50.0	200	500	

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 169000	+++++ 430487	5259 1785162	8149 4264378	39251	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 317158	+++++ 807319	9712 3152959	14138 7145365	70230	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Benzyl chloride	DCBd4	Ave	+++++ 164712	+++++ 434413	4464 1866112	6169 4553900	35530	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Indan	DCBd4	Ave	+++++ 262537	+++++ 661826	7859 2661275	10860 6311089	59289	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
p-Diethylbenzene	DCBd4	Ave	+++++ 178347	+++++ 451783	5744 1803681	7612 4178285	40494	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Butylbenzene	DCBd4	Ave	+++++ 148576	+++++ 378407	4098 1498348	6203 3404693	33900	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 152147	+++++ 385734	4664 1587118	7148 3808654	36019	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 267601	+++++ 691256	7672 2721922	12623 6231685	60631	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 18424	+++++ 46816	398 205682	714 493093	4152	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 106531	+++++ 276934	3123 1102856	4993 2744851	24828	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 84275	+++++ 223864	2840 943178	4797 2313726	19335	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Hexachlorobutadiene	DCBd4	QuaF	+++++ 46481	+++++ 121198	1632 507438	4541 1249396	10499	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Naphthalene	DCBd4	Ave	+++++ 194119	+++++ 512494	6253 2260757	12572 5345922	45856	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 71286	+++++ 183448	2208 784207	4633 1952496	15678	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Dibromofluoromethane (Surr)	FB	Ave	155912 151916	152286 151934	153113 152919	144129 152069	149261	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	196160 191427	195069 191908	191193 207769	180646 205721	188309	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	536613 522698	509300 525245	514136 540146	481708 555828	509309	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	191505 184804	188854 184940	185975 194655	176296 202983	185783	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1032501/4	T689603.D
Level 2	STD9 460-1032501/3	T689602.D
Level 3	STD05 460-1032501/5	T689604.D
Level 4	STD1 460-1032501/18	T689617.D
Level 5	STD5 460-1032501/7	T689606.D
Level 6	STD20 460-1032501/8	T689607.D
Level 7	STD50 460-1032501/9	T689608.D
Level 8	STD200 460-1032501/10	T689609.D
Level 9	STD500 460-1032501/11	T689610.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
2-Butanone (MEK)	+++++	+++++	+++++	0.5						30		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Lims ID: STD9
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 19-Apr-2025 04:43:38 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD9
Misc. Info.: 460-0189481-003
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:08:05 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 09:12:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.625	3.620	0.005	93	42347	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.899	4.899	0.000	26	212708	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.471	0.000	95	152286	50.0	52.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.890	5.885	0.005	93	195069	50.0	52.2	
60 Benzene	78	5.895	5.895	0.000	43	2877	0.2000	0.2056	
61 1,2-Dichloroethane	62	5.969	5.979	-0.010	36	1609	0.2000	0.2650	
* 65 Fluorobenzene	96	6.231	6.231	0.000	98	505169	50.0	50.0	
67 Trichloroethene	95	6.655	6.666	-0.011	39	909	0.2000	0.2203	
71 1,2-Dichloropropane	63	6.996	6.986	0.010	26	651	0.2000	0.1967	
* 73 1,4-Dioxane-d8	96	7.049	7.054	-0.005	1	30511	1000.0	1000.0	
77 Dichlorobromomethane	83	7.327	7.321	0.005	12	1405	0.2000	0.2641	M
81 cis-1,3-Dichloropropene	75	7.940	7.935	0.005	45	1277	0.2000	0.2098	
$ 83 Toluene-d8 (Surr)	98	8.249	8.249	0.000	97	509300	50.0	50.1	
85 trans-1,3-Dichloropropene	75	8.737	8.737	0.000	38	960	0.2000	0.1720	
87 1,1,2-Trichloroethane	83	8.999	8.994	0.005	8	575	0.2000	0.2230	
88 Tetrachloroethene	166	9.093	9.099	-0.006	46	1159	0.2000	0.2409	
91 Chlorodibromomethane	129	9.544	9.529	0.015	1	565	0.2000	0.1507	a
* 94 Chlorobenzene-d5	117	10.409	10.415	-0.006	87	417122	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	90	188854	50.0	51.4	
107 1,1,2,2-Tetrachloroethane	83	12.344	12.355	-0.011	28	747	0.2000	0.1962	M
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	96	253323	50.0	50.0	
S 140 Total BTEX	1				0		1.00	0.2056	
S 139 1,3-Dichloropropene, Total	1				0		0.4000	0.3818	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00203	Amount Added:	2.00	Units: uL	
GASES Li_00637	Amount Added:	2.00	Units: uL	
14DIOXINTER_00183	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00136	Amount Added:	0.00	Units: uL	
Ethanol mix_00100	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00160	Amount Added:	0.00	Units: uL	
MIX I Hi_00187	Amount Added:	0.00	Units: uL	
7 Freons Hi_00026	Amount Added:	0.00	Units: uL	
GAS Hi_00493	Amount Added:	0.00	Units: uL	
524FREONS_00033	Amount Added:	0.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:08:07 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D

Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15

Lims ID: STD9

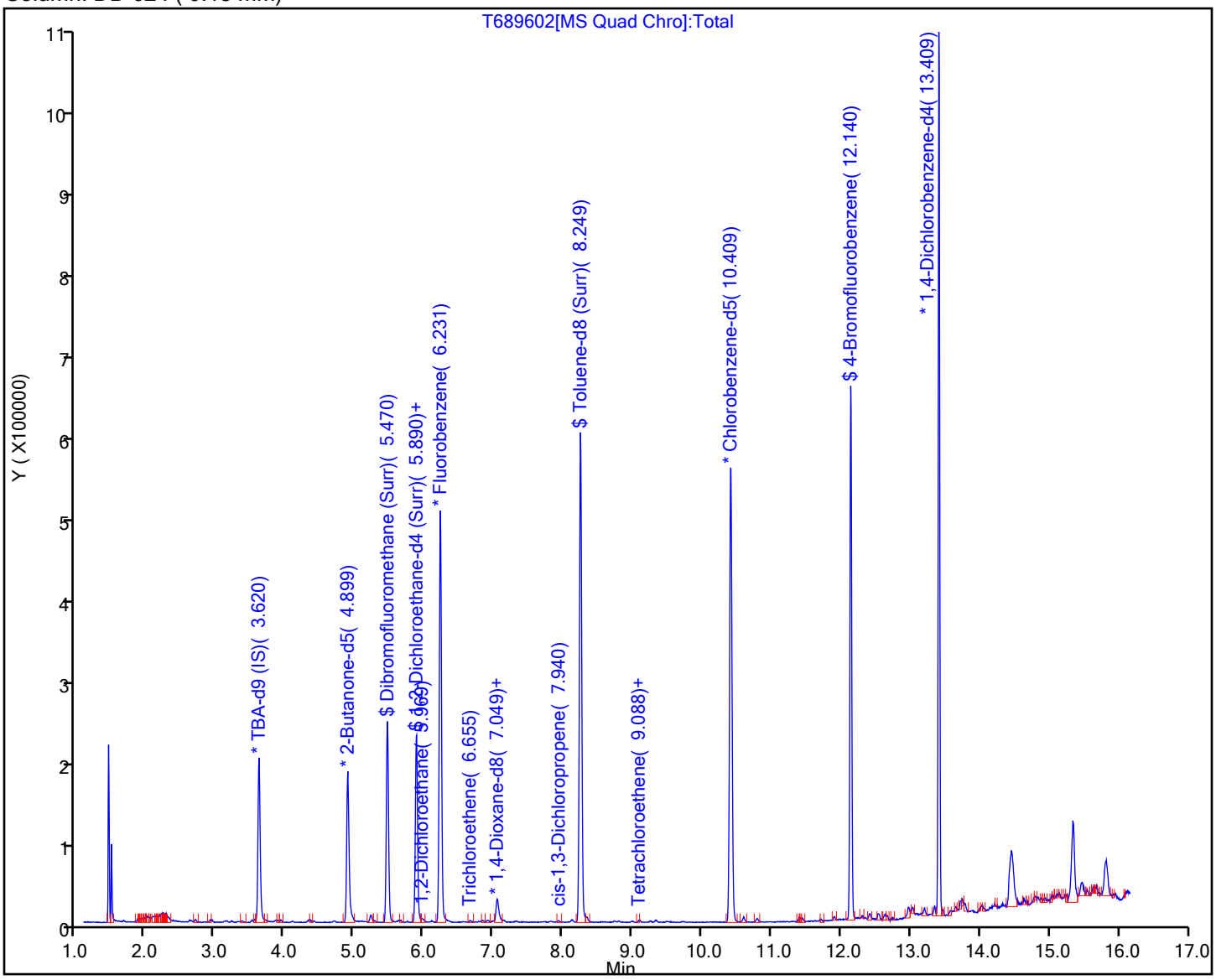
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

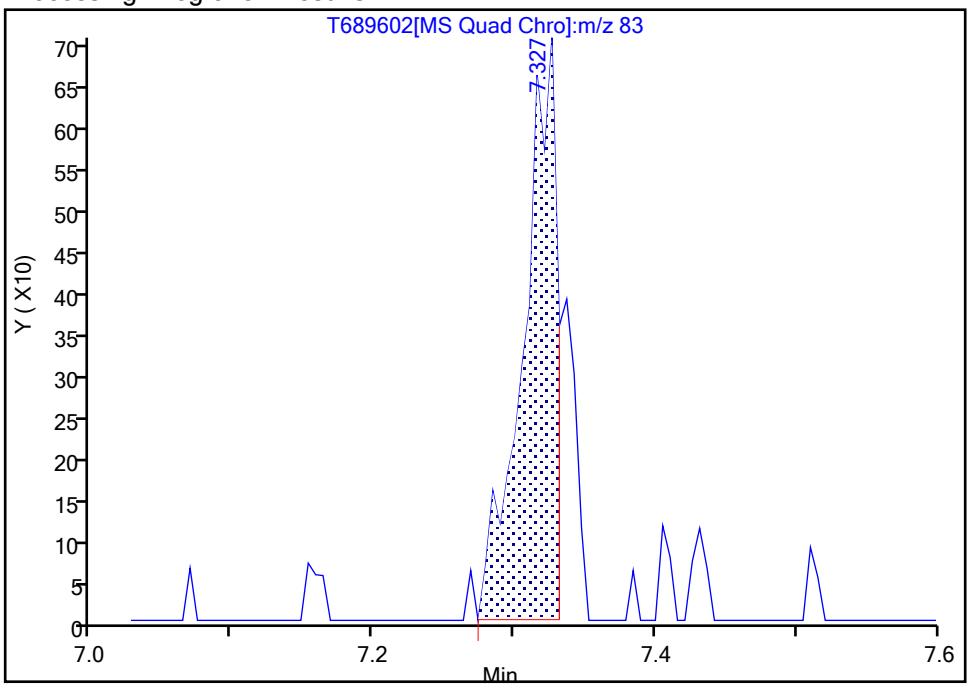
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

77 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

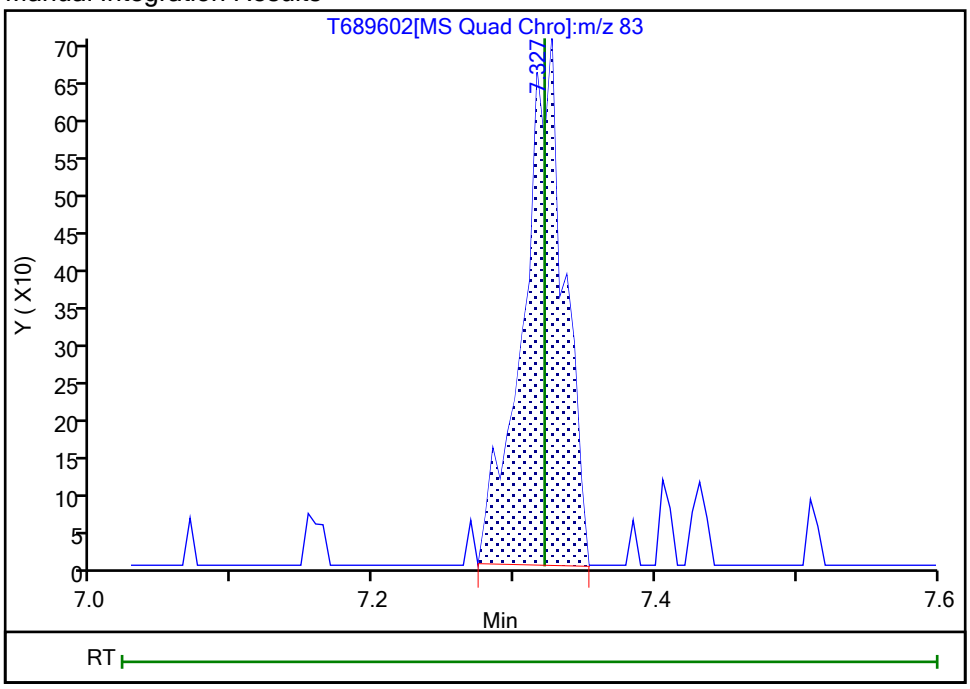
Processing Integration Results

RT: 7.33
Area: 1162
Amount: 0.218532
Amount Units: ug/l



Manual Integration Results

RT: 7.33
Area: 1405
Amount: 0.264050
Amount Units: ug/l



Reviewer: FK2C, 19-Apr-2025 09:17:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

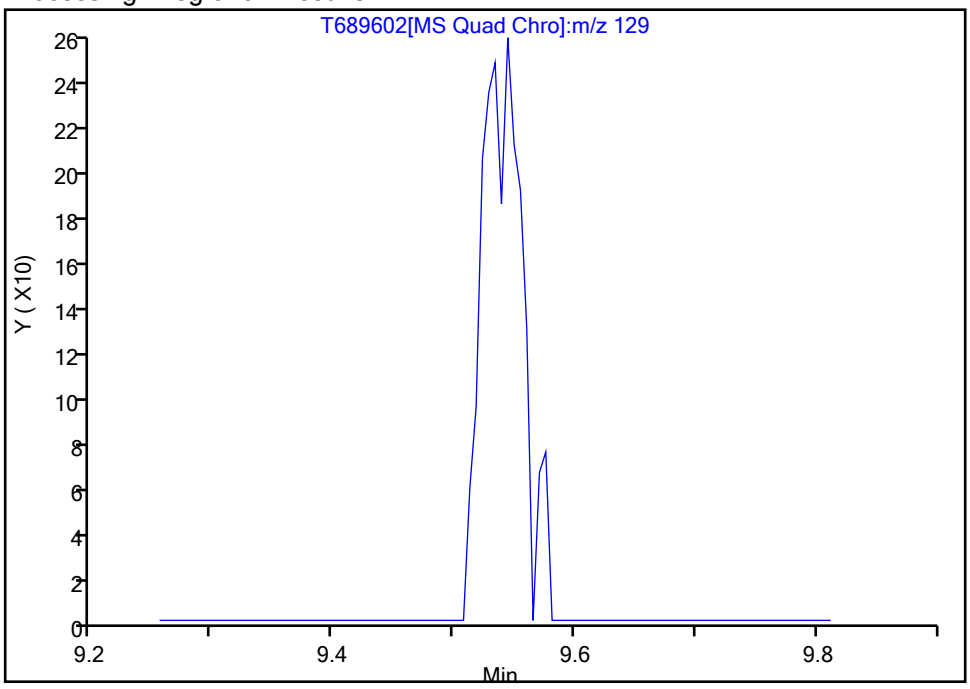
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

91 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

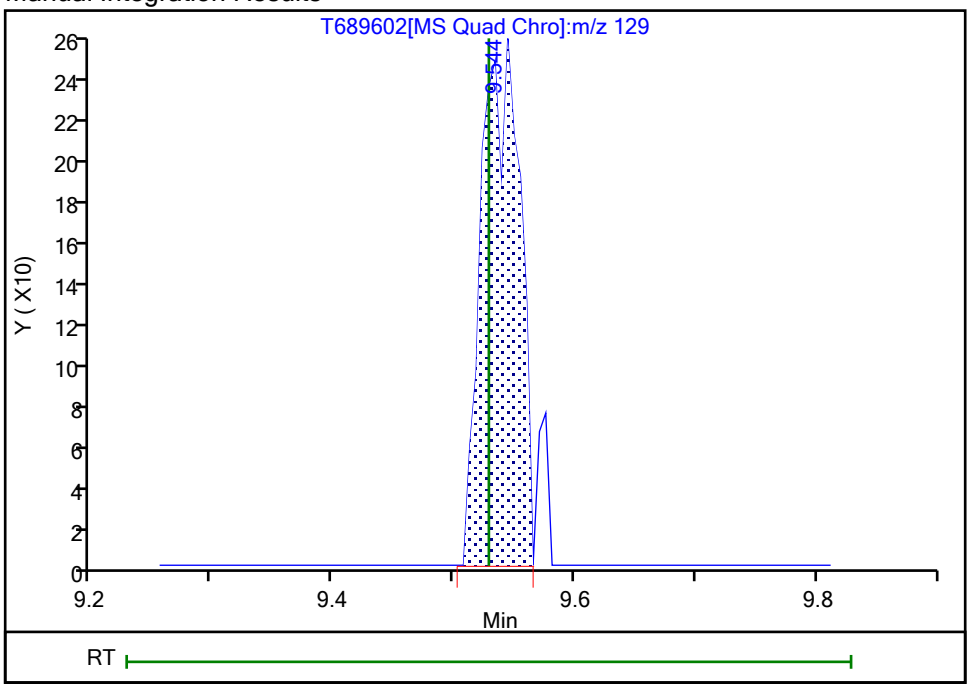
Not Detected
Expected RT: 9.53

Processing Integration Results



Manual Integration Results

RT: 9.54
Area: 565
Amount: 0.150749
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 12:55:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

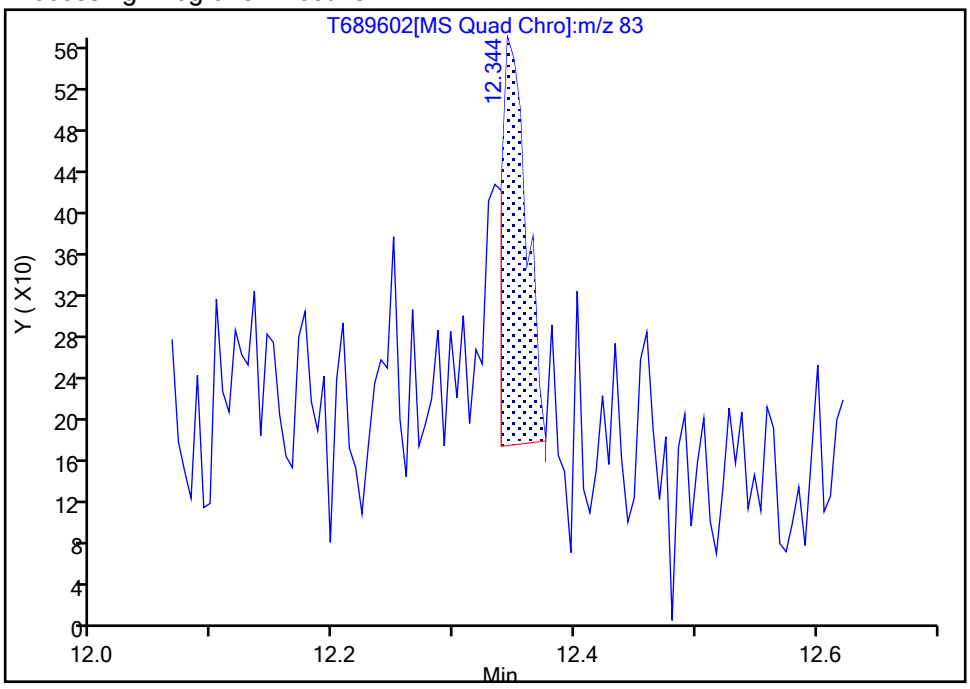
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

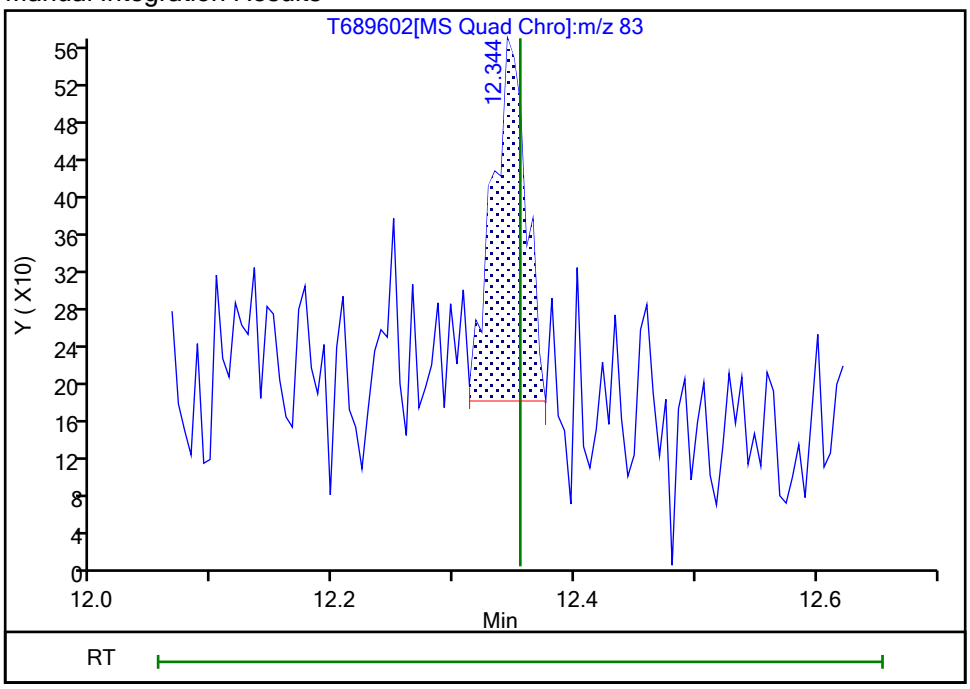
Processing Integration Results

RT: 12.34
Area: 558
Amount: 0.143719
Amount Units: ug/l



Manual Integration Results

RT: 12.34
Area: 747
Amount: 0.196171
Amount Units: ug/l



Reviewer: FK2C, 19-Apr-2025 09:18:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

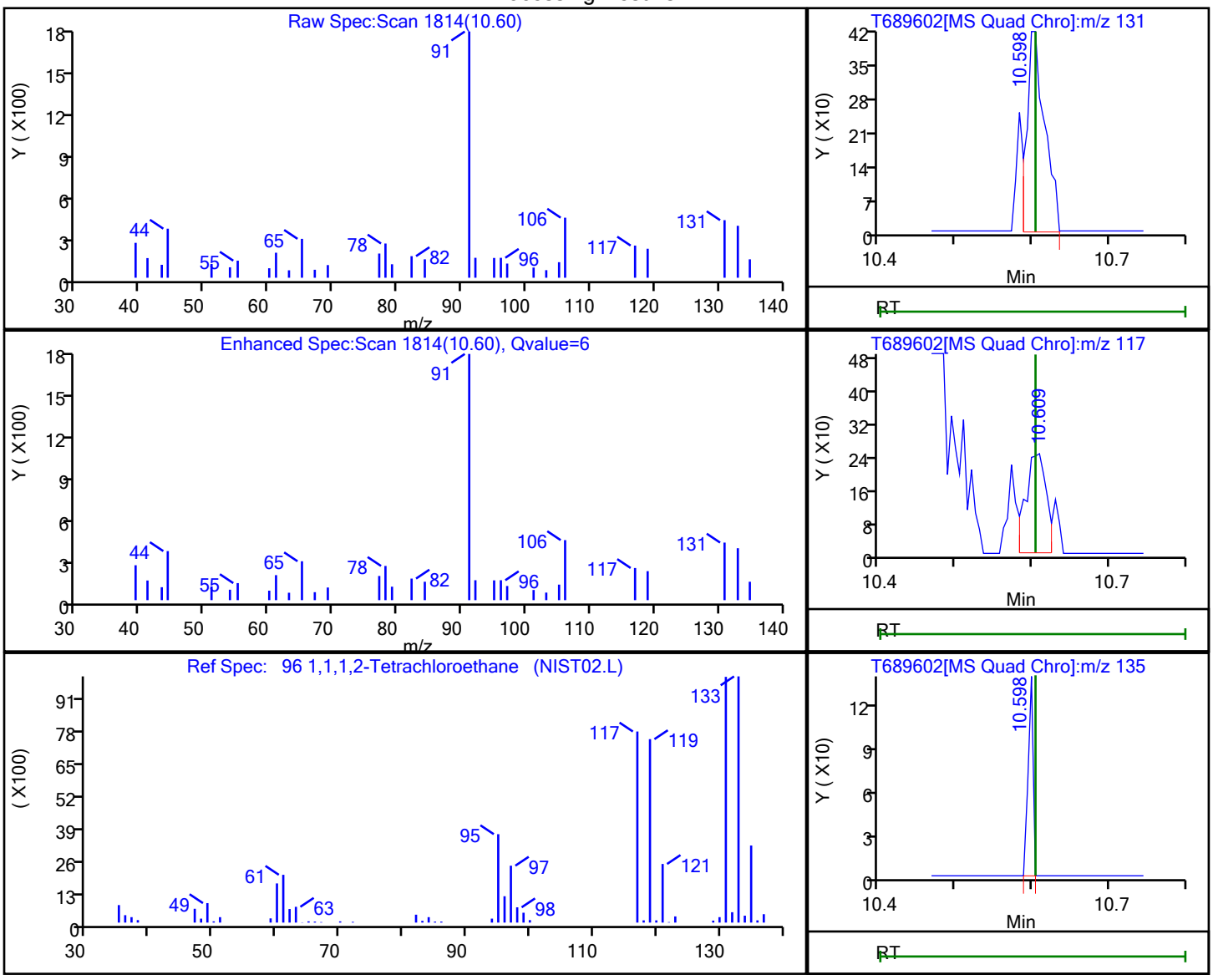
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
10.60	131.00	676	0.153238
10.61	117.00	461	
10.60	135.00	60	

Reviewer: FK2C, 19-Apr-2025 09:17:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

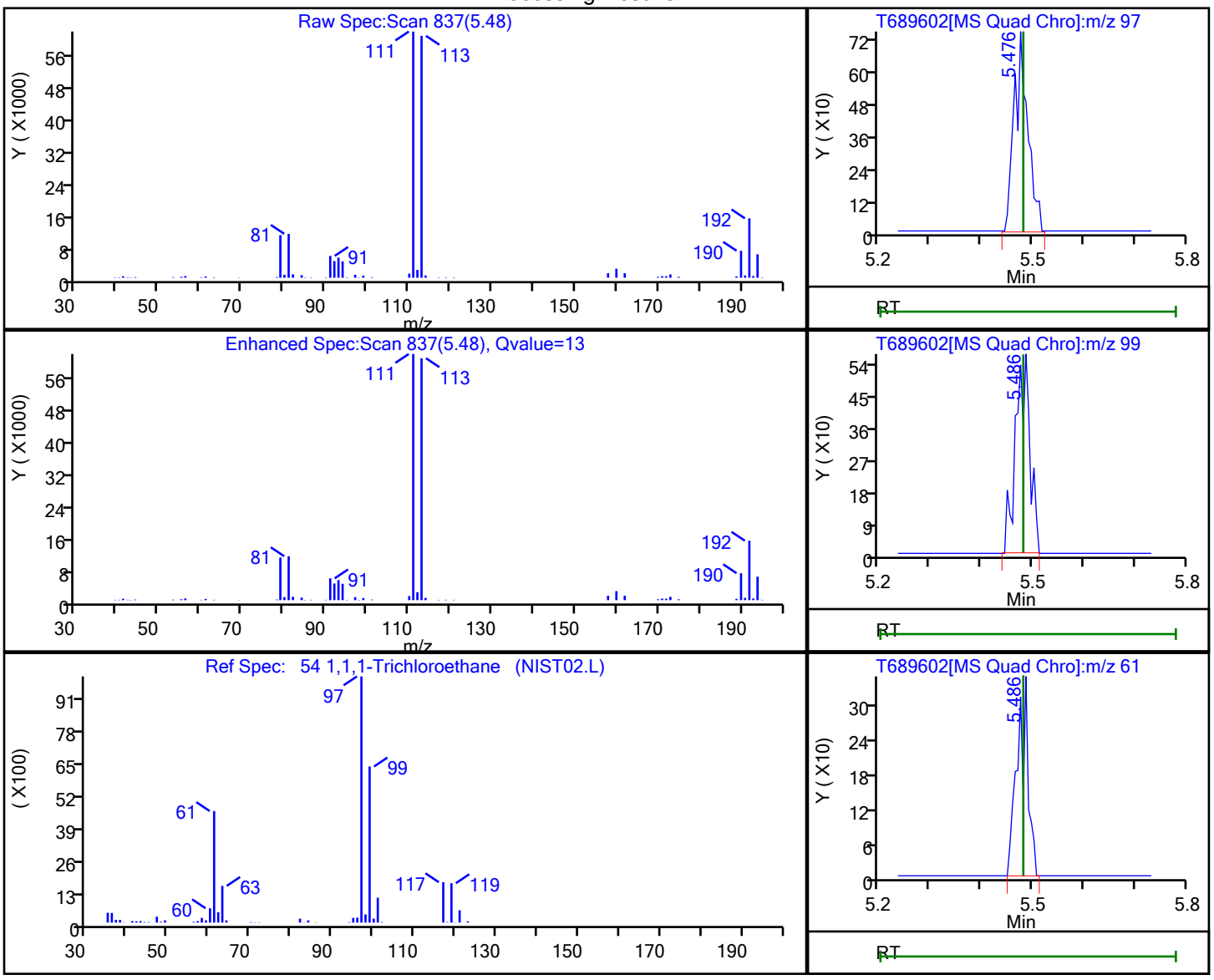
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

54 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
5.48	97.00	1377	0.191363
5.49	99.00	1108	
5.49	61.00	500	

Reviewer: FK2C, 19-Apr-2025 09:16:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

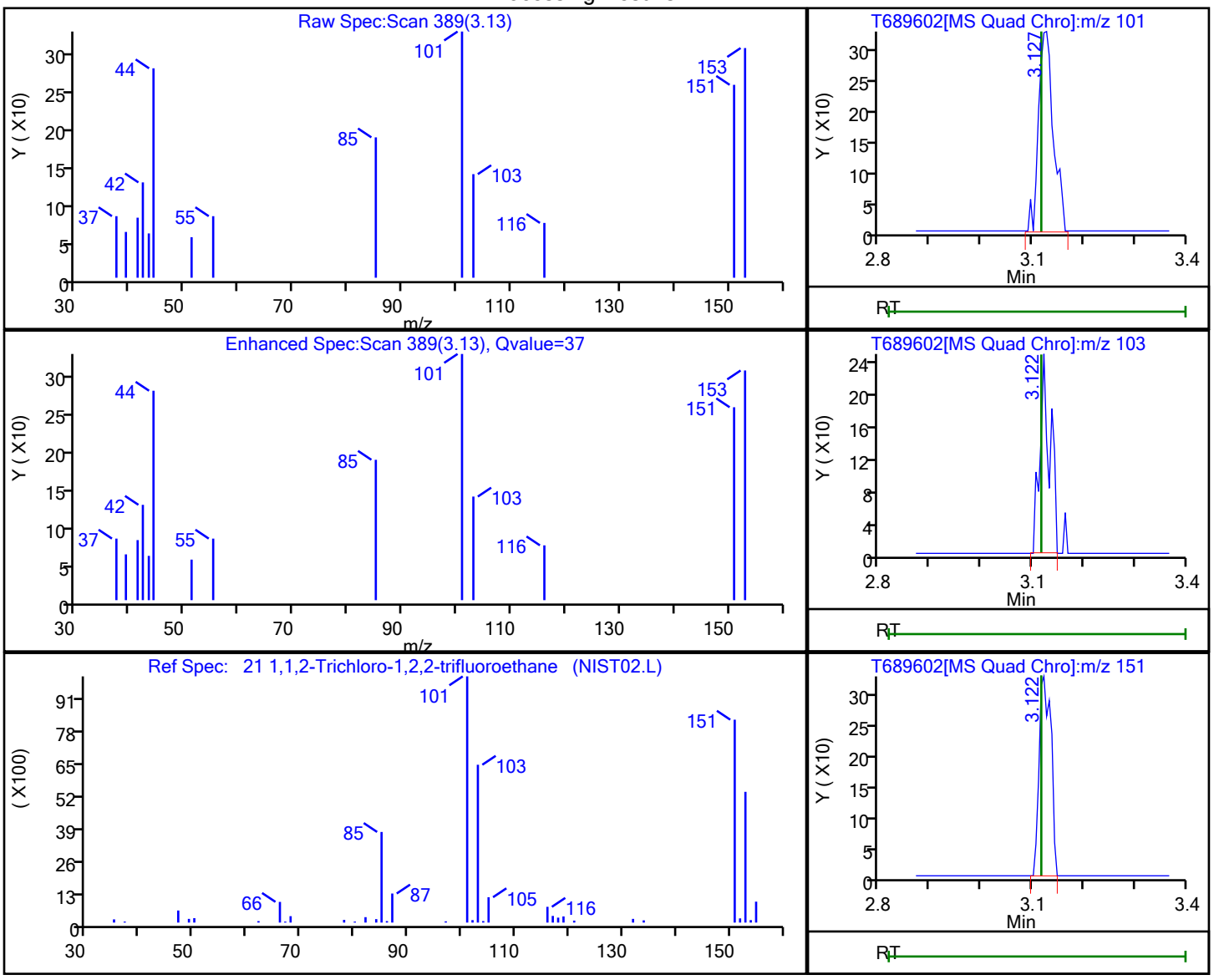
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
3.13	101.00	661	0.199831
3.12	103.00	342	
3.12	151.00	521	
3.13	85.00	267	

Reviewer: FK2C, 19-Apr-2025 09:14:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

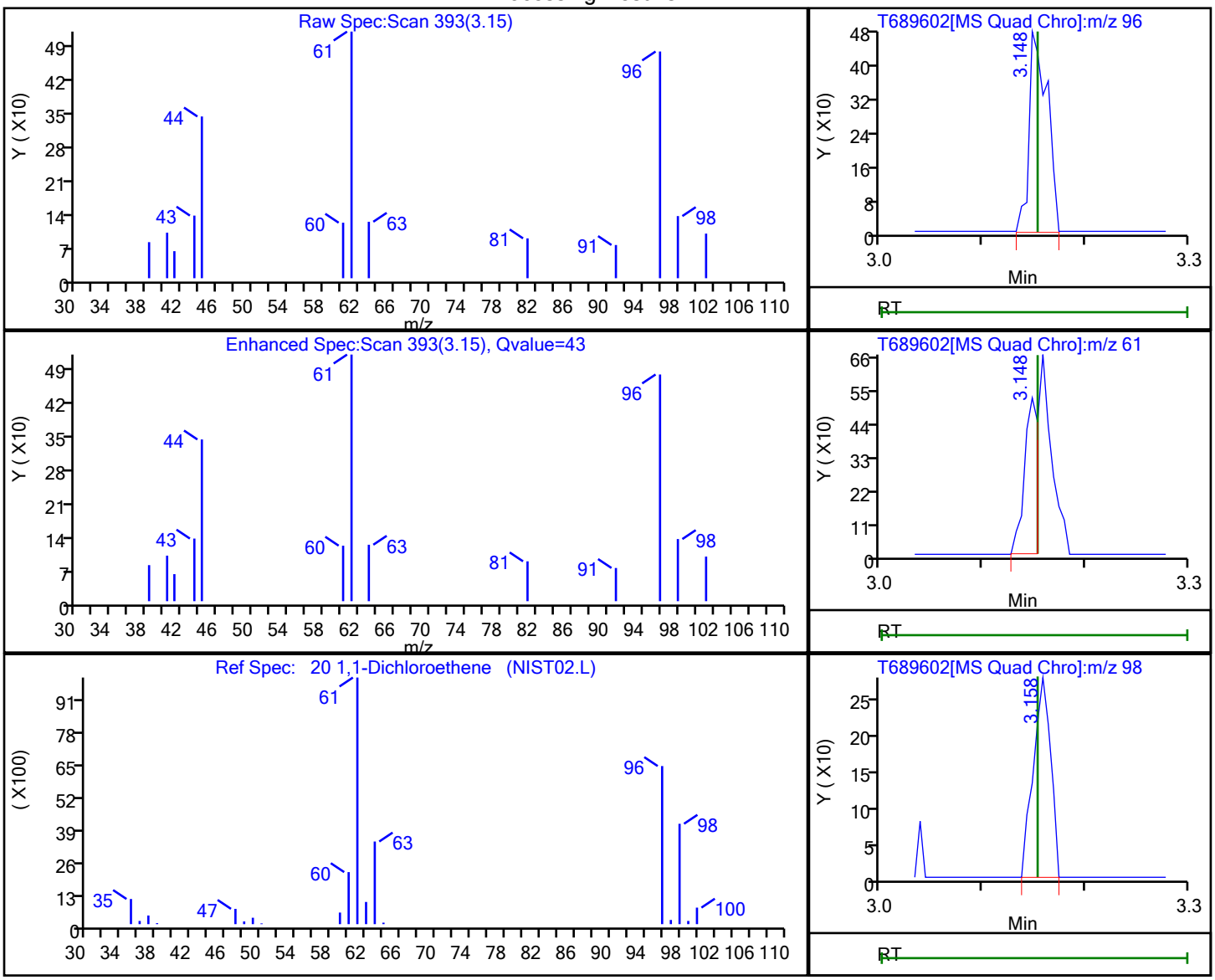
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
3.15	96.00	588	0.183944
3.15	61.00	497	
3.16	98.00	329	
3.16	63.00	372	

Reviewer: FK2C, 19-Apr-2025 09:14:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

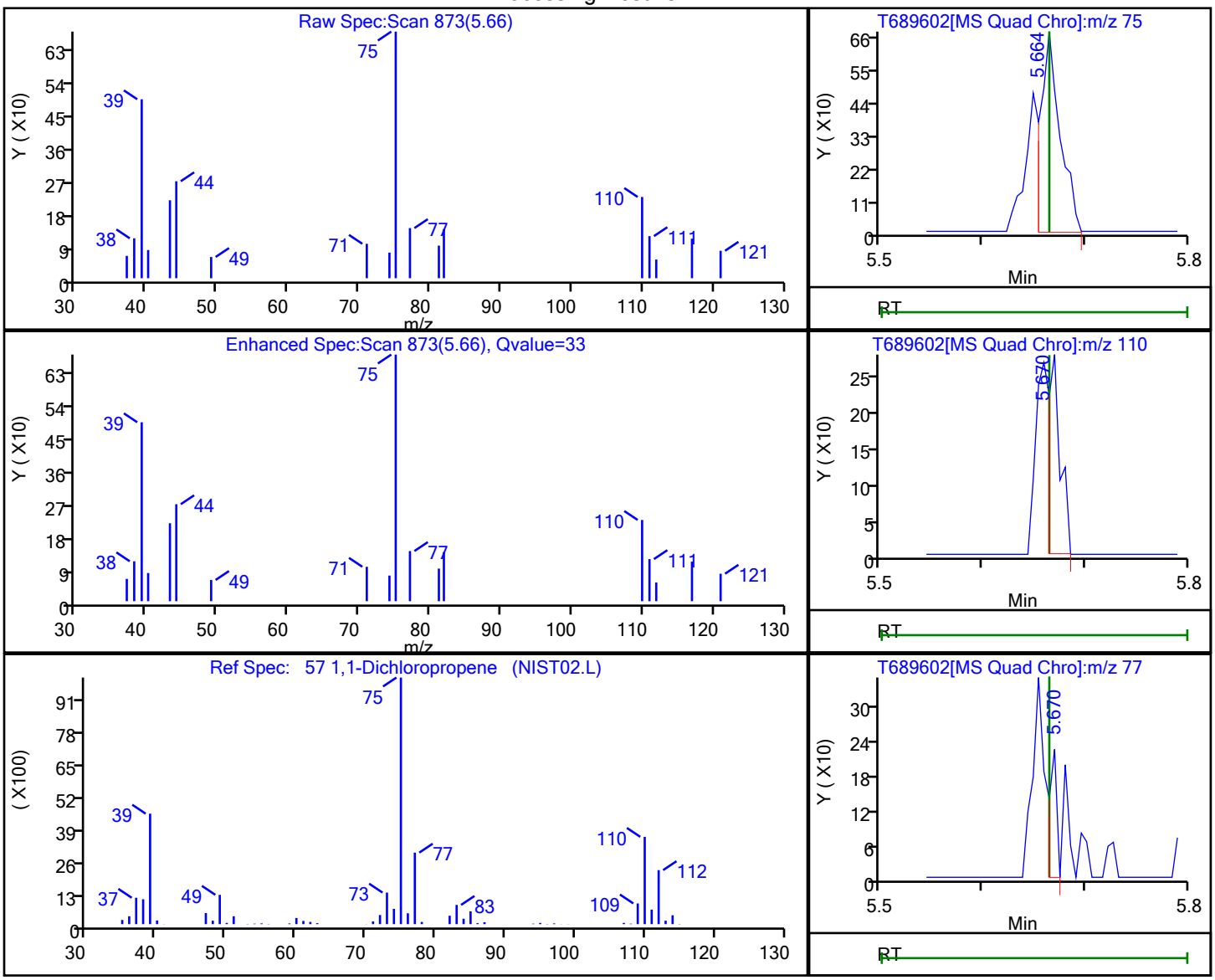
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
5.66	75.00	877	0.164301
5.67	110.00	229	
5.67	77.00	113	

Reviewer: FK2C, 19-Apr-2025 09:16:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

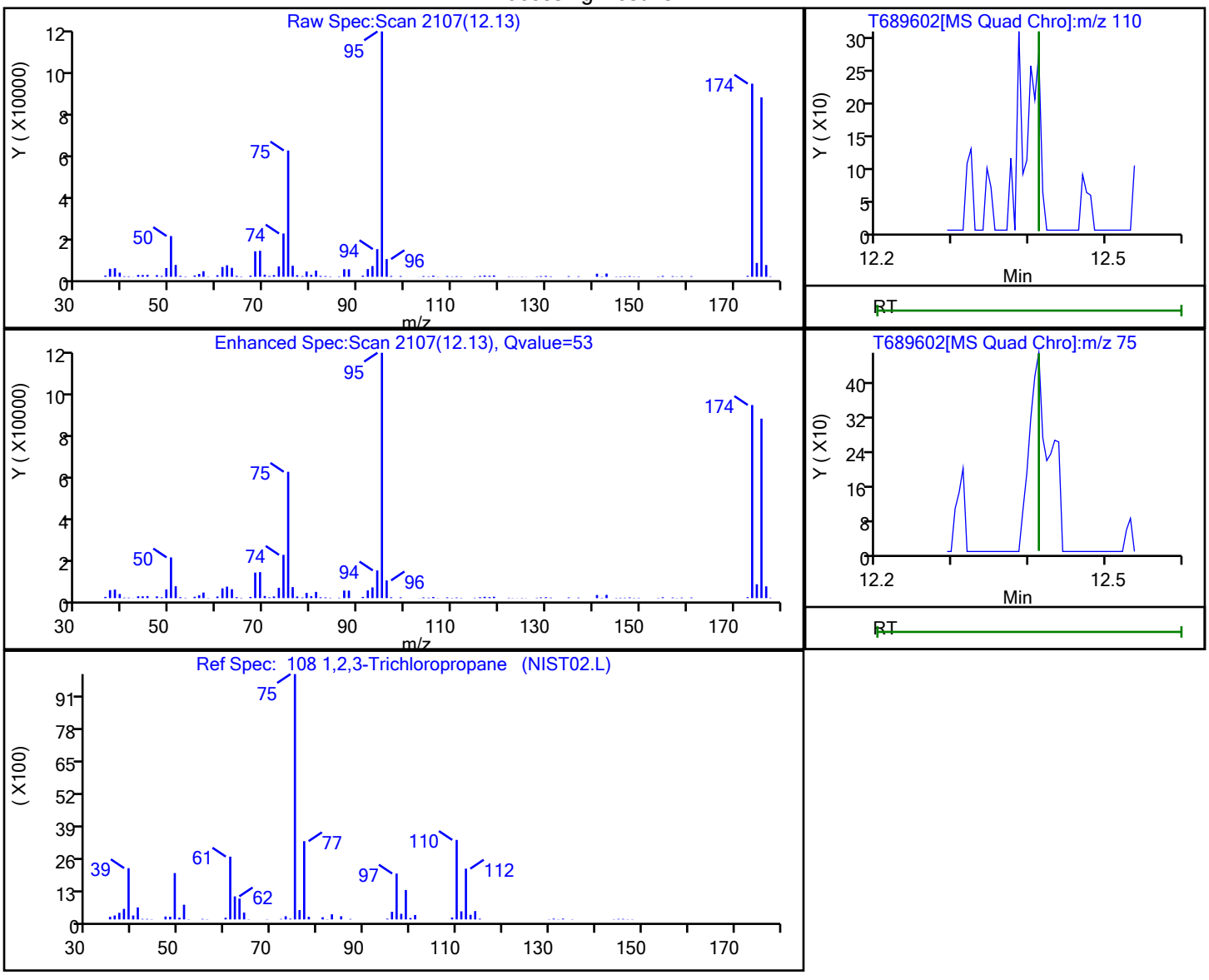
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

108 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
12.13	110.00	162	0.102052
12.14	75.00	118266	

Reviewer: FK2C, 19-Apr-2025 09:18:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

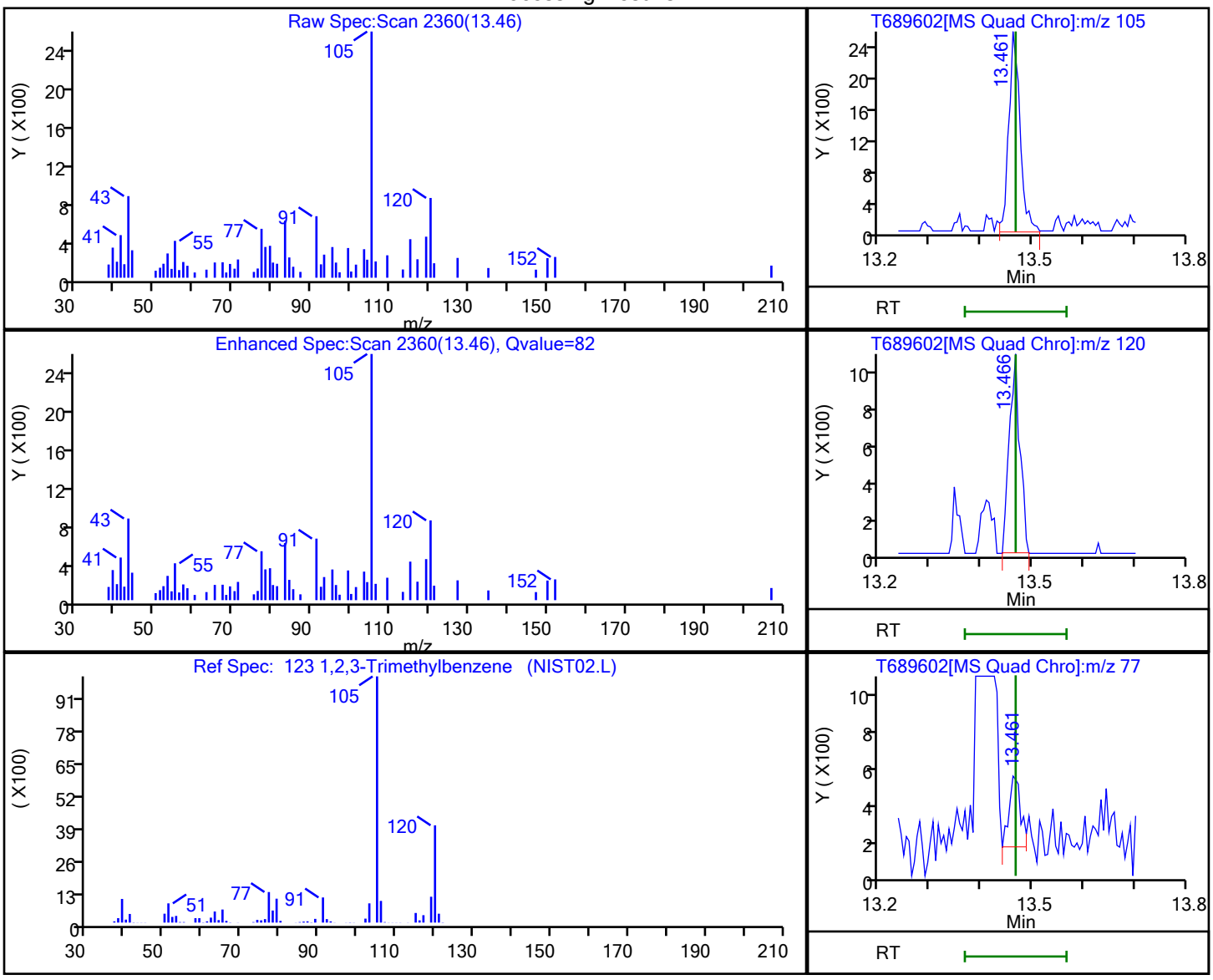
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
13.46	105.00	3865	0.234265
13.47	120.00	1492	
13.46	77.00	576	

Reviewer: FK2C, 19-Apr-2025 09:18:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

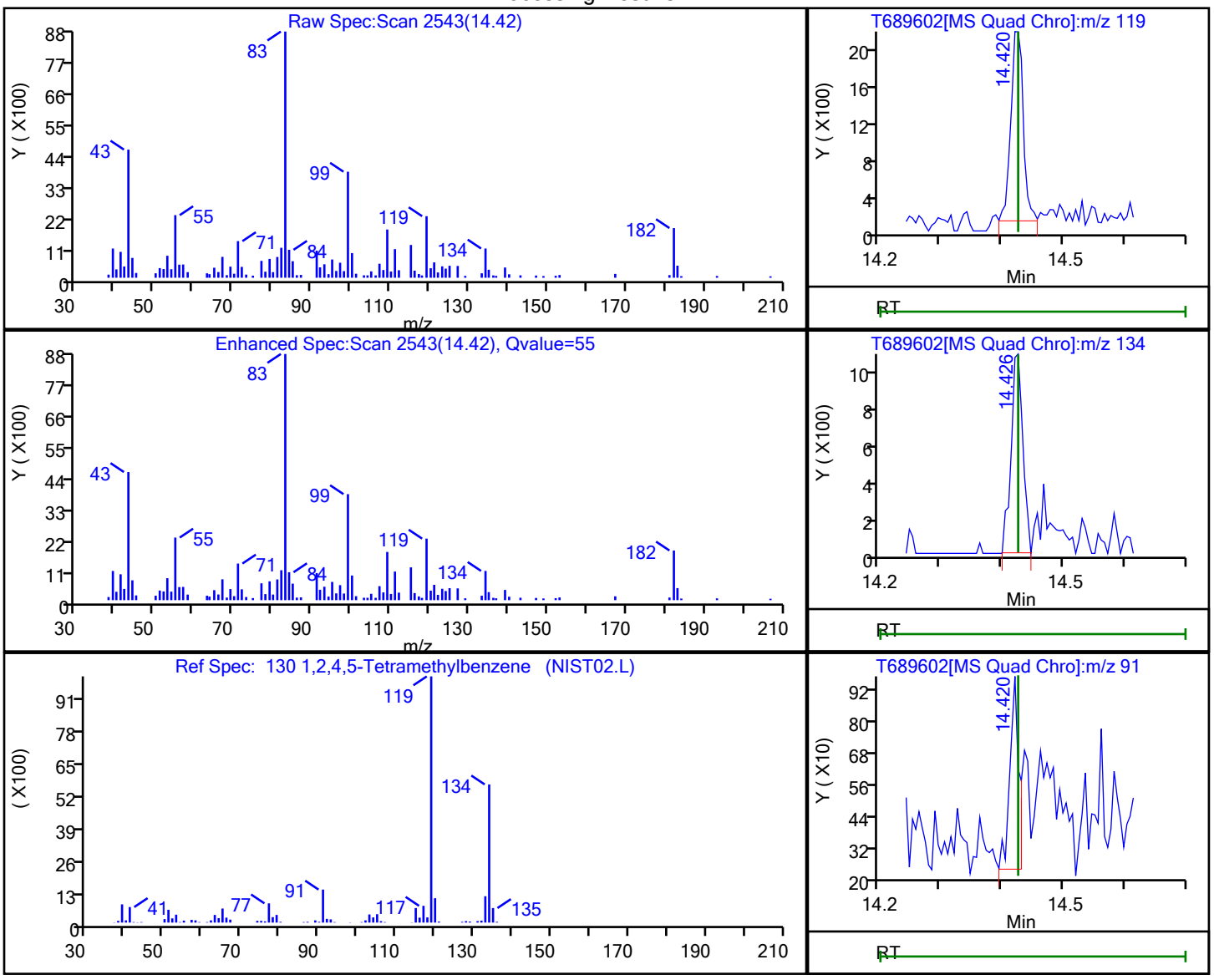
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
14.42	119.00	2931	0.214017
14.43	134.00	1429	
14.42	91.00	745	

Reviewer: FK2C, 19-Apr-2025 09:18:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

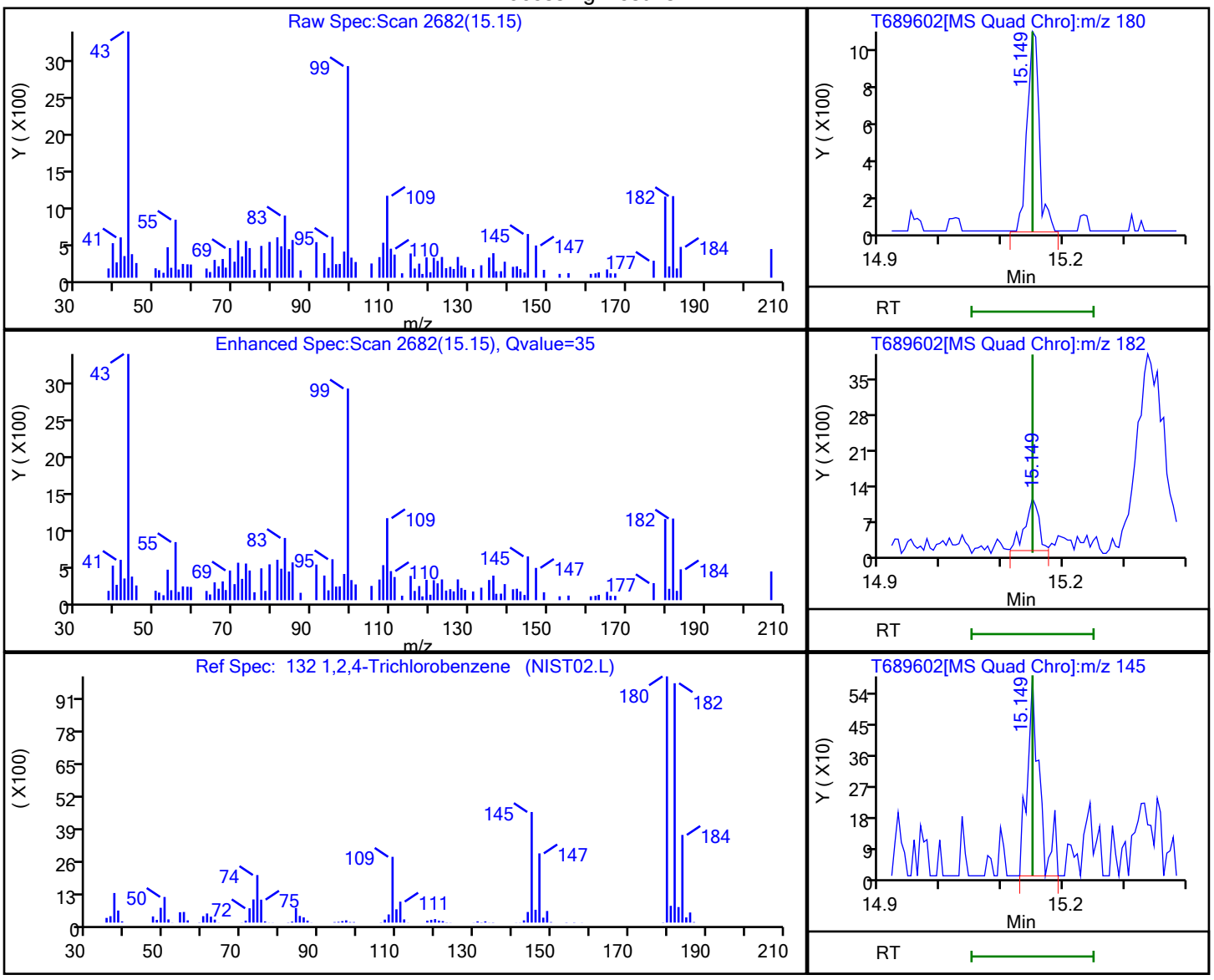
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
15.15	180.00	1490	0.316481
15.15	182.00	1599	
15.15	145.00	820	

Reviewer: FK2C, 19-Apr-2025 09:18:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

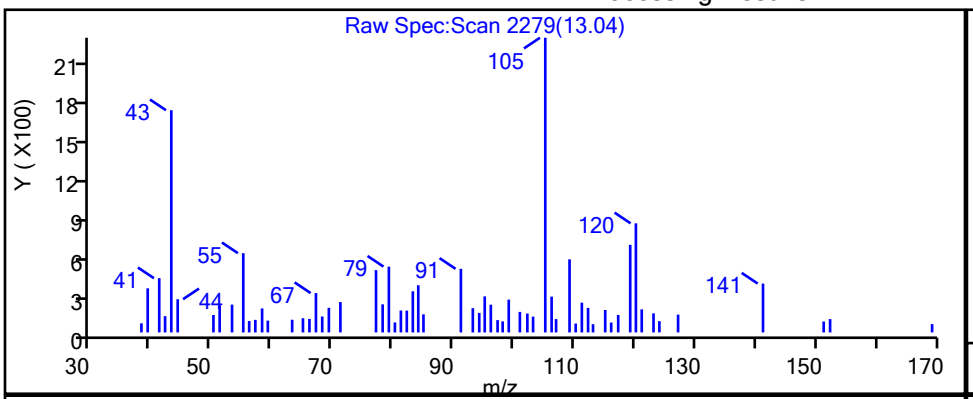
User Disabled Compound Report

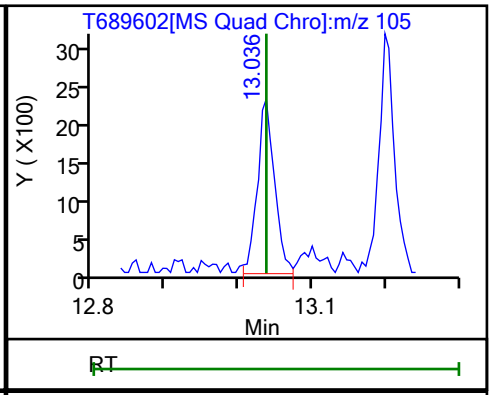
Eurofins Edison

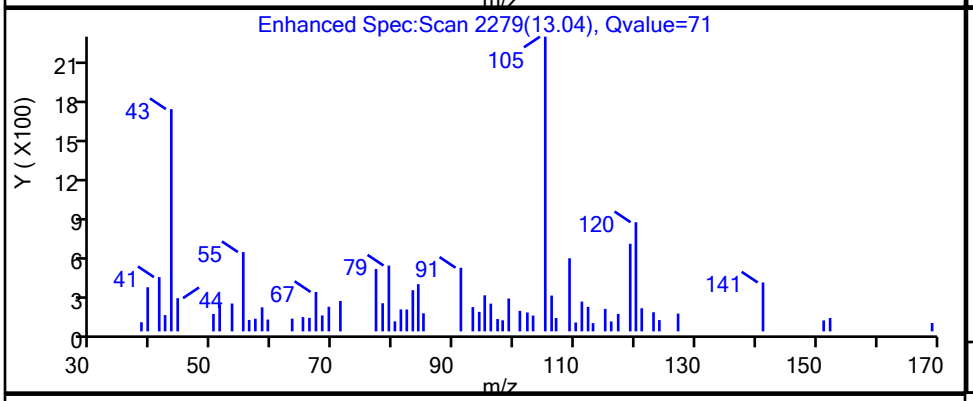
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

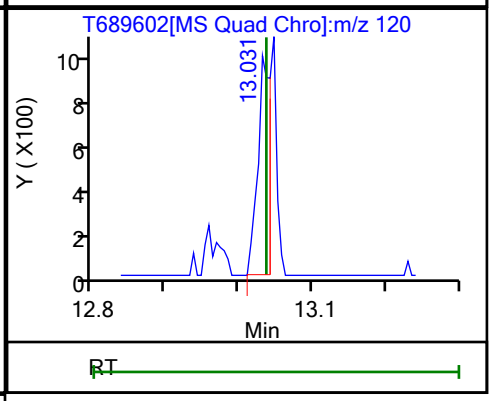
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

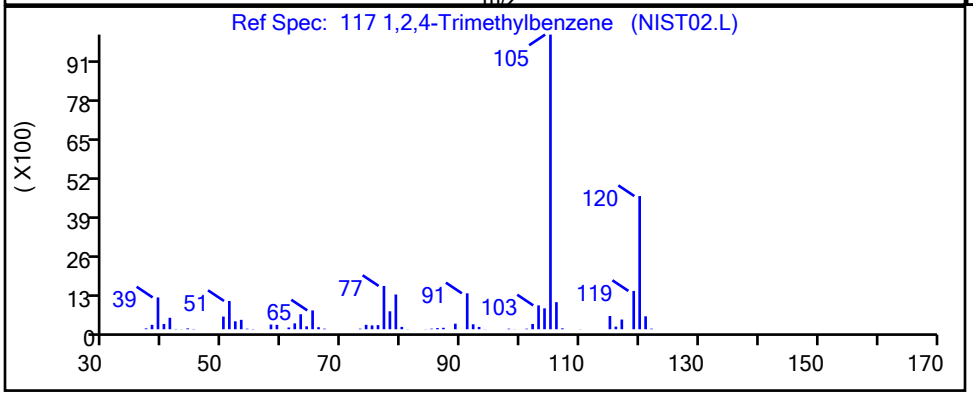
Processing Results











RT	Mass	Response	Amount
13.04	105.00	3717	0.228223
13.03	120.00	1124	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

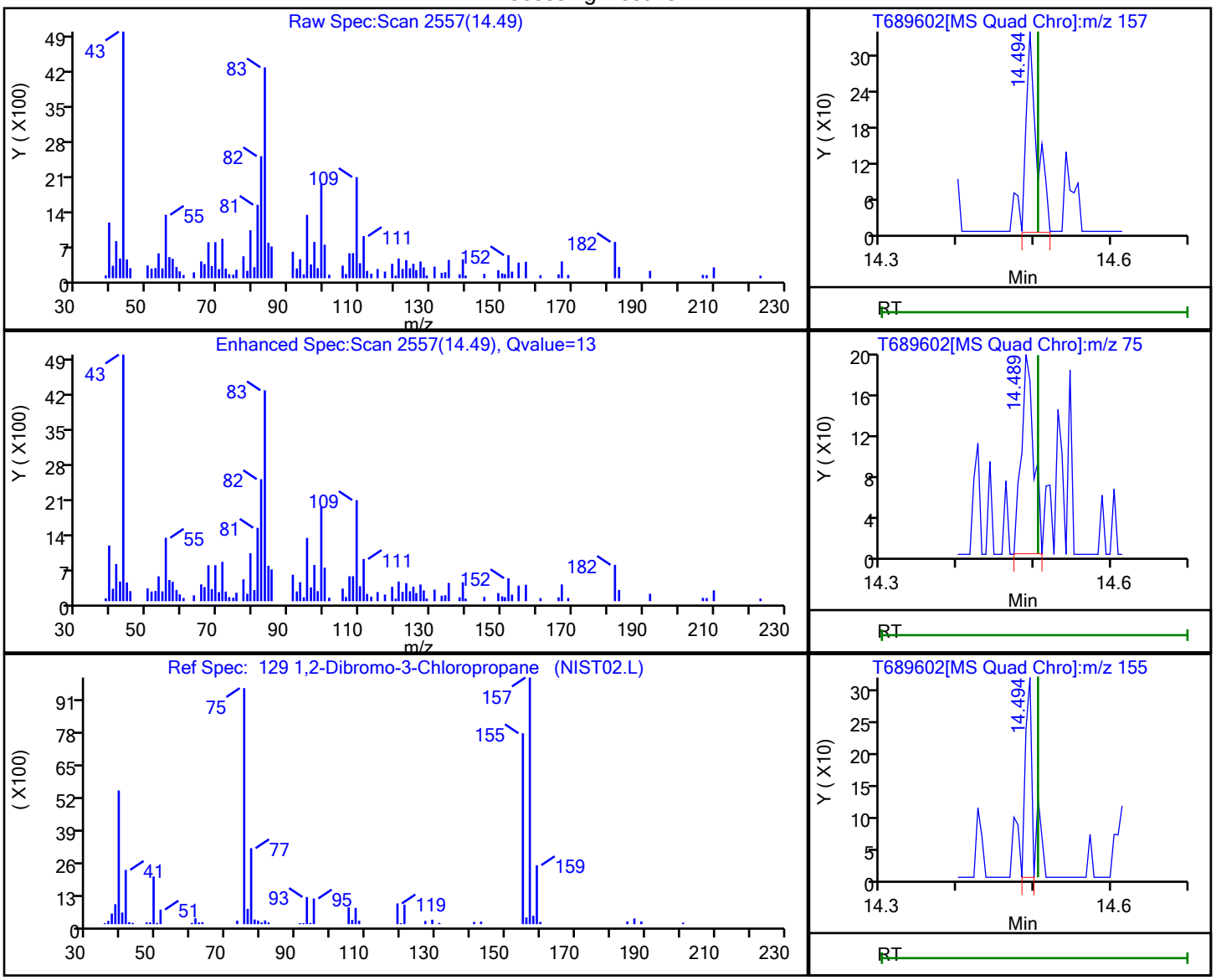
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

129 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
14.49	157.00	321	0.310426
14.49	75.00	221	
14.49	155.00	173	

Reviewer: FK2C, 19-Apr-2025 09:18:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

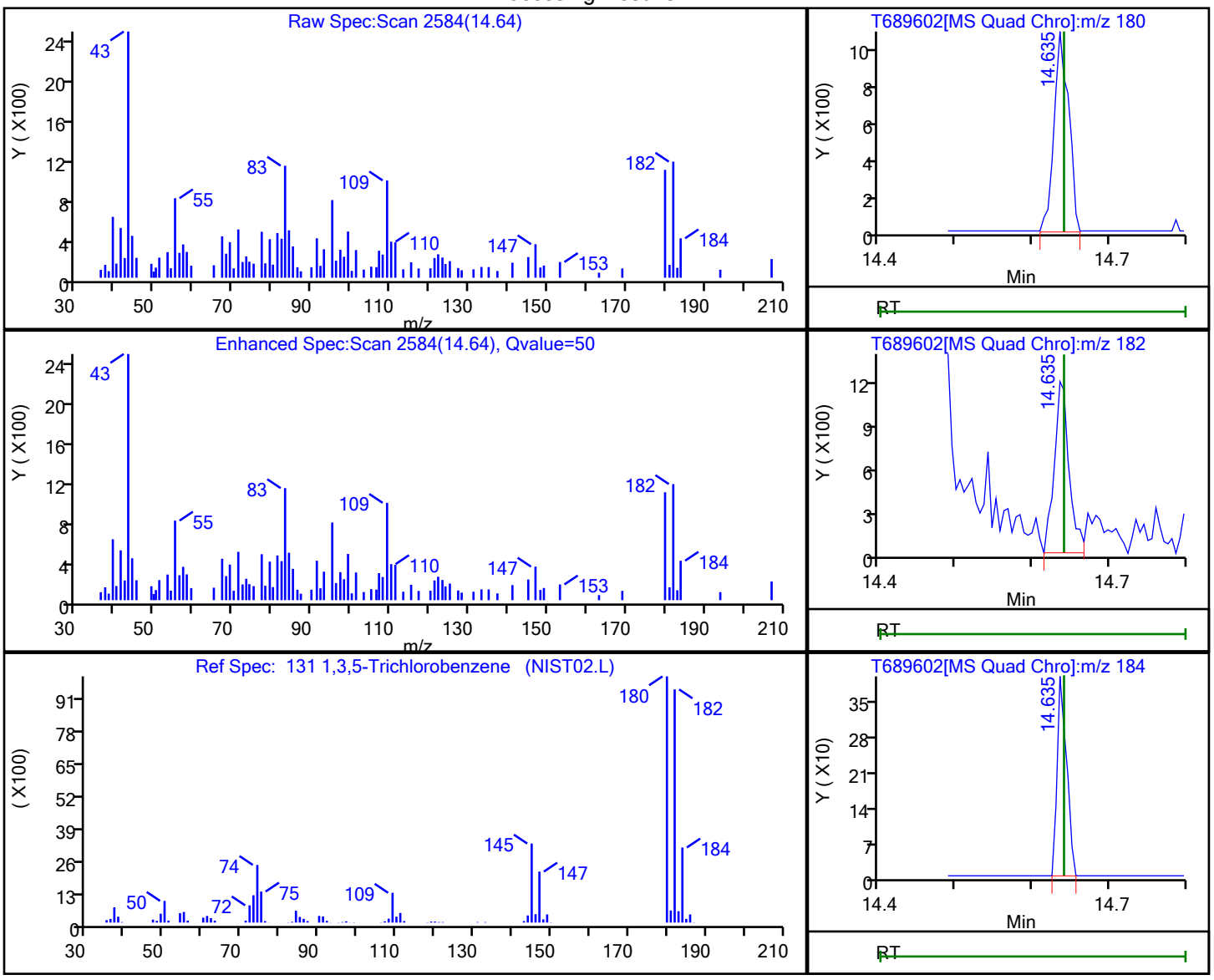
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
14.64	180.00	1443	0.251562
14.64	182.00	1595	
14.64	184.00	344	

Reviewer: FK2C, 19-Apr-2025 09:18:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

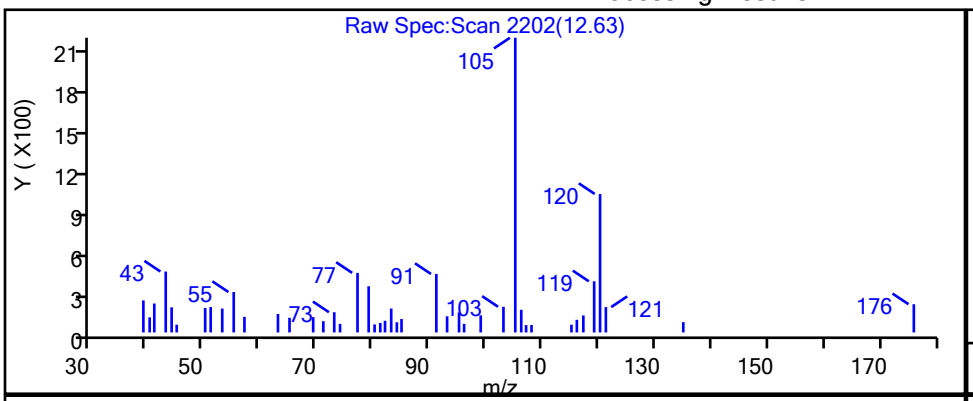
User Disabled Compound Report

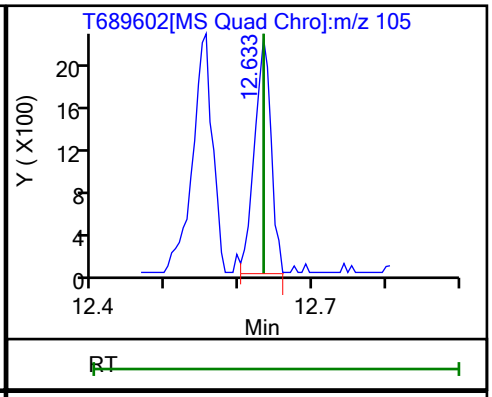
Eurofins Edison

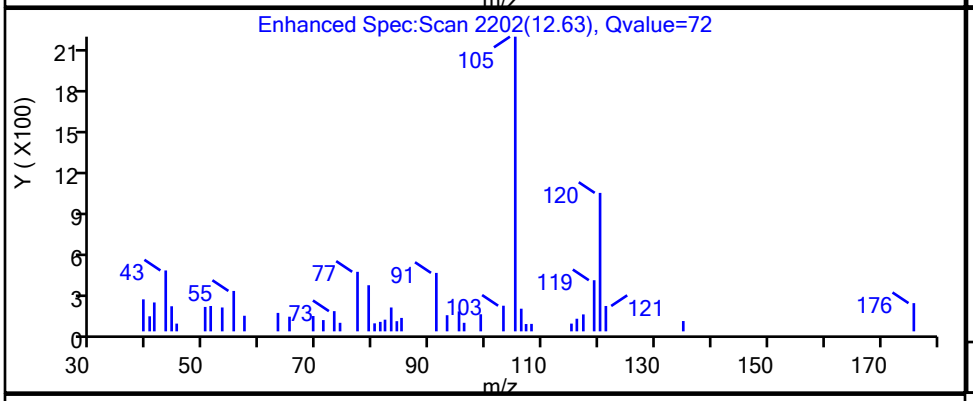
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

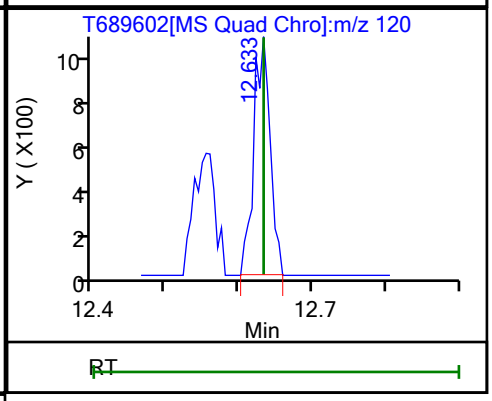
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

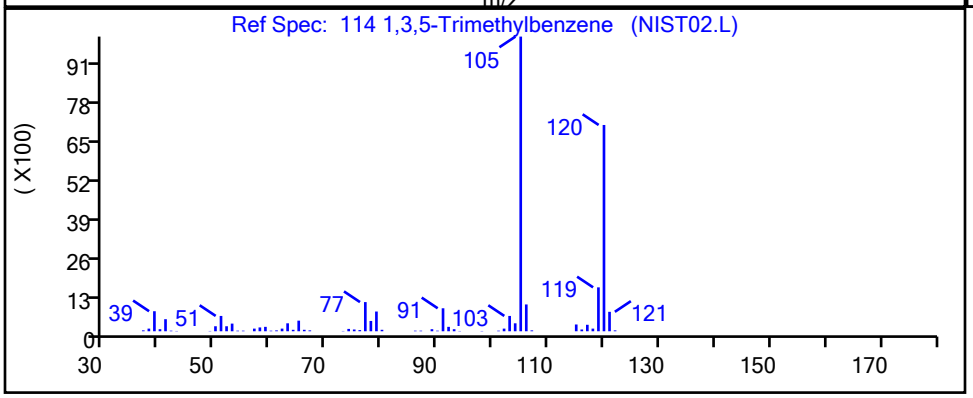
Processing Results











RT	Mass	Response	Amount
12.63	105.00	3411	0.216462
12.63	120.00	1586	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

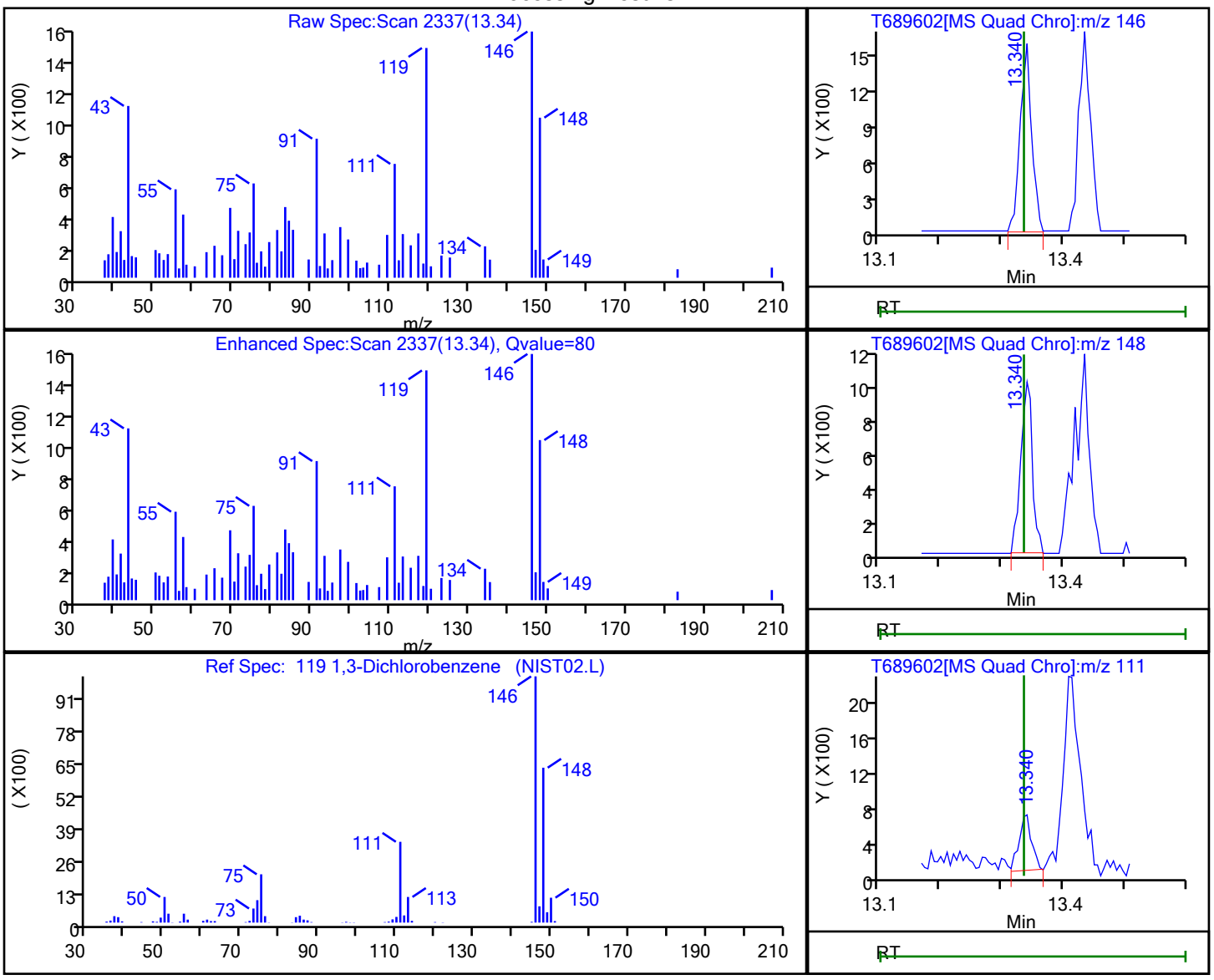
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
13.34	146.00	1979	0.220677
13.34	148.00	1312	
13.34	111.00	918	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

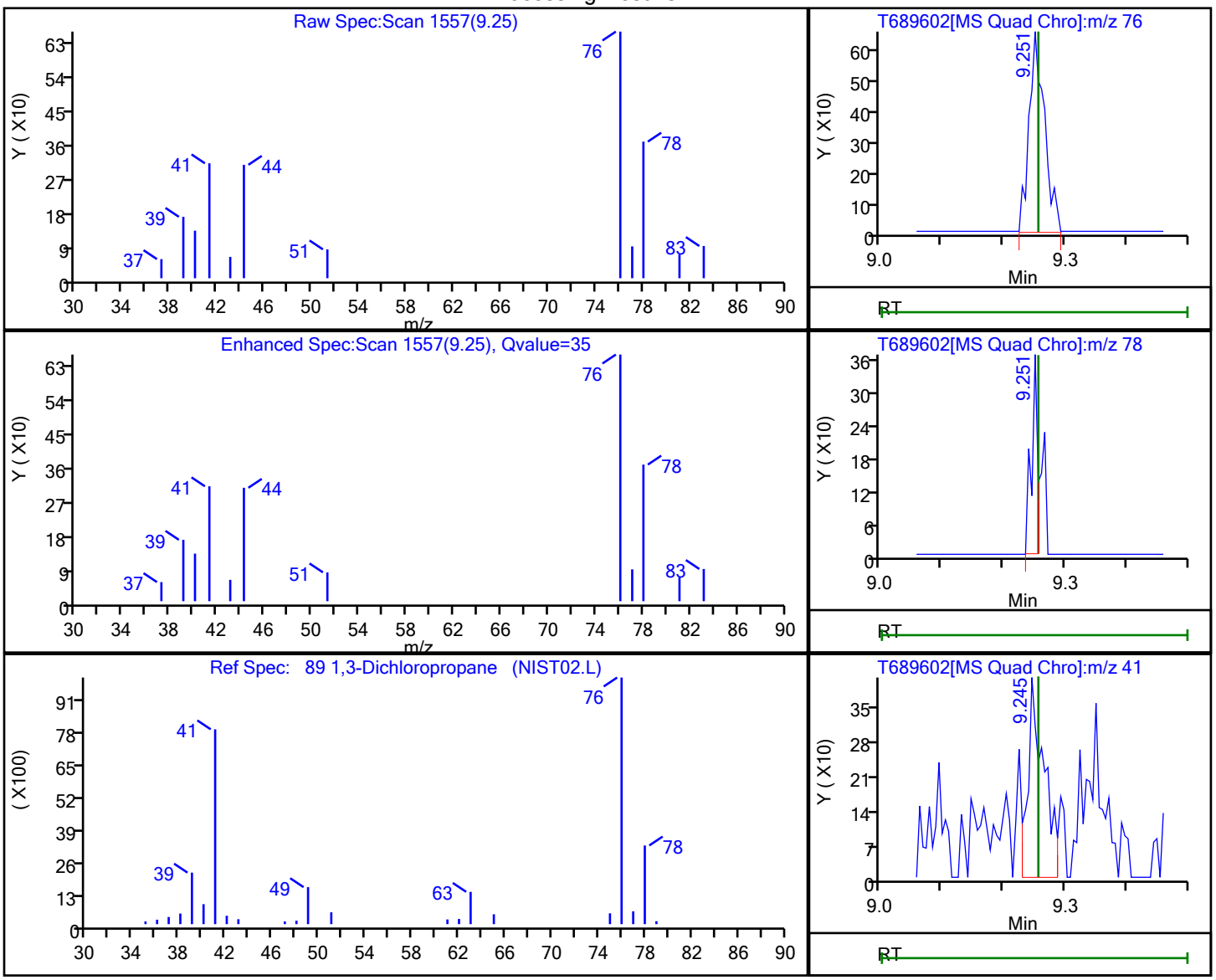
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
9.25	76.00	1148	0.198828
9.25	78.00	251	
9.25	41.00	746	

Reviewer: FK2C, 19-Apr-2025 09:17:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

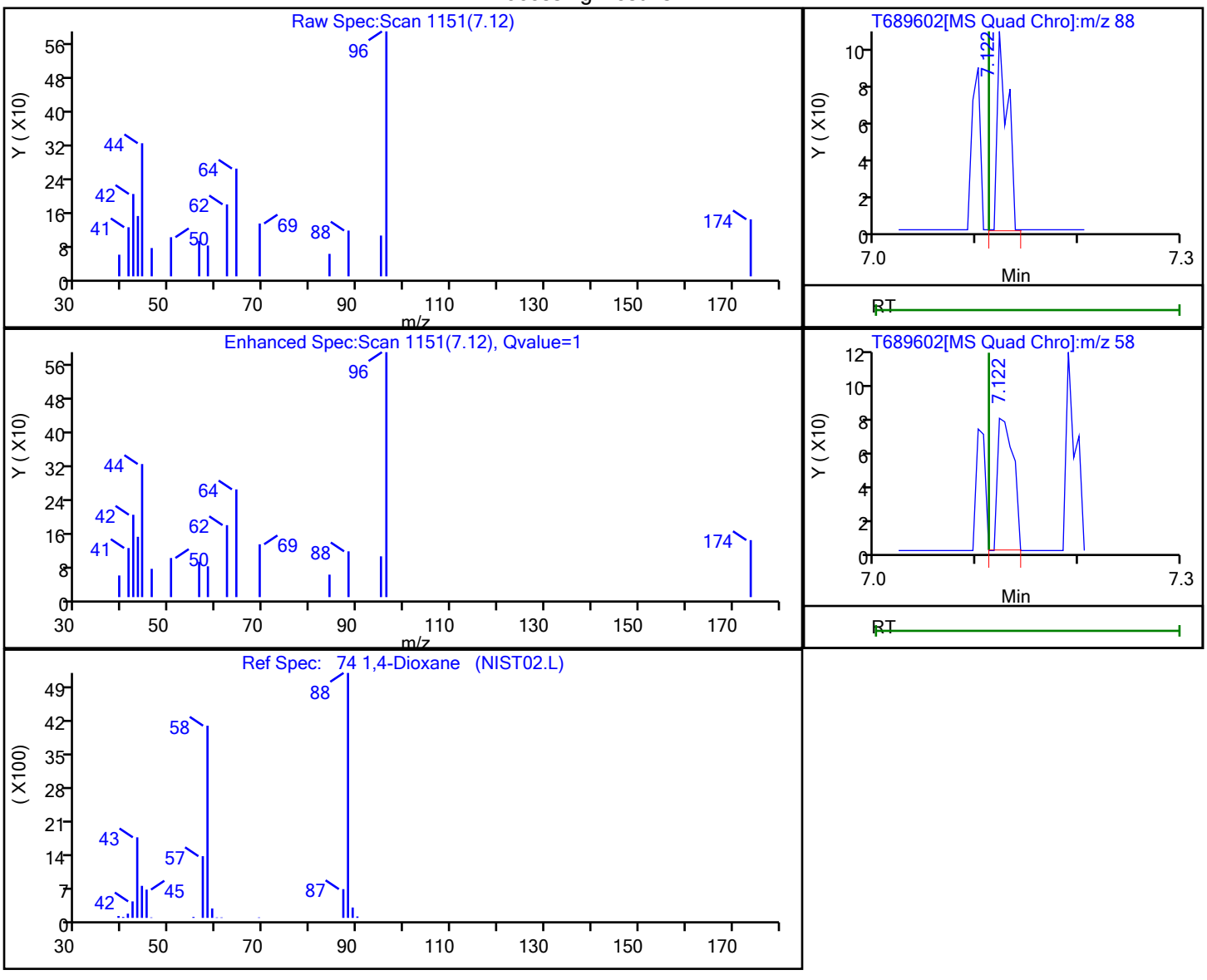
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

74 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
7.12	88.00	77	2.282075
7.12	58.00	80	

Reviewer: FK2C, 19-Apr-2025 09:17:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

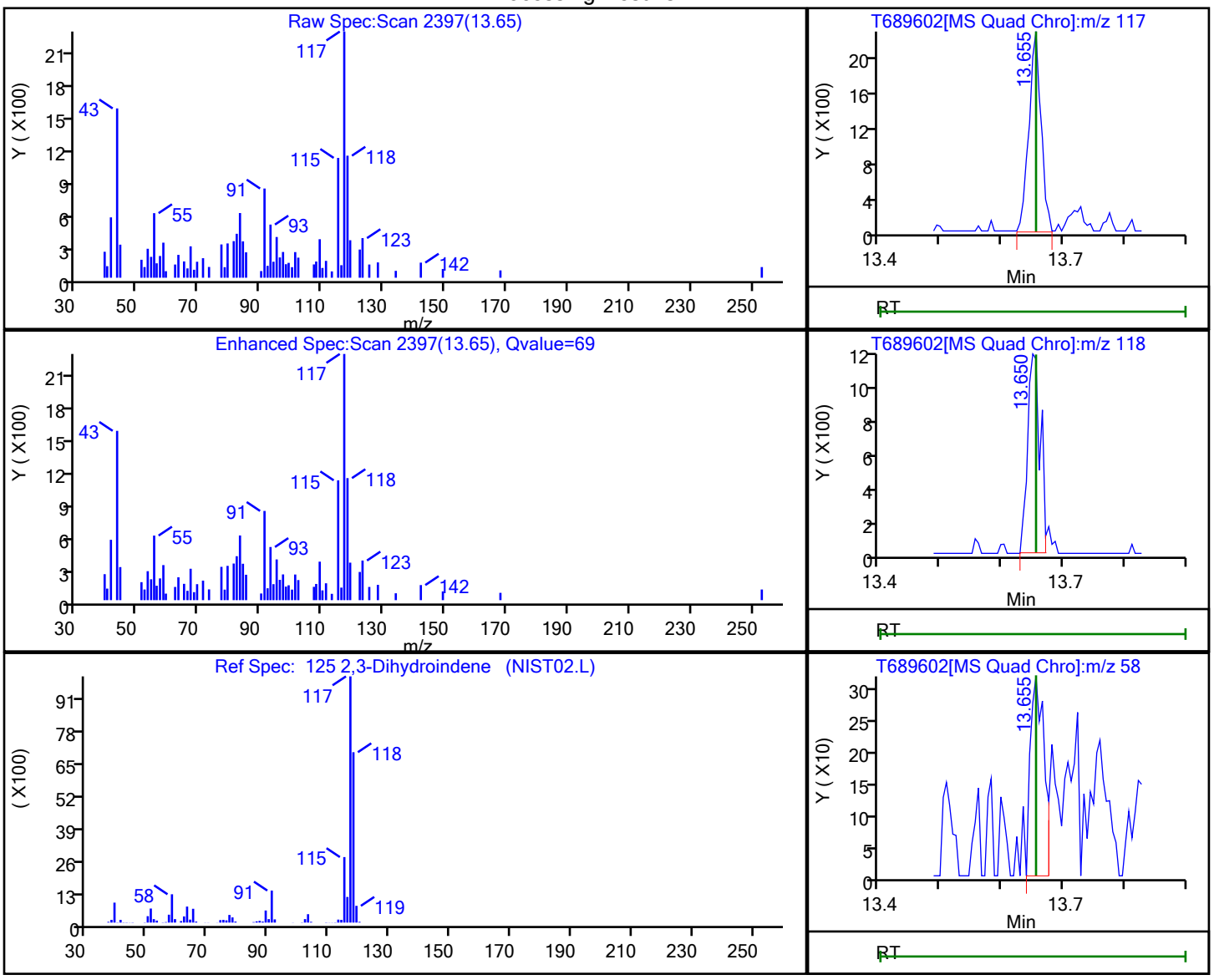
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

125 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
13.65	117.00	3045	0.224636
13.65	118.00	1632	
13.65	58.00	495	

Reviewer: FK2C, 19-Apr-2025 09:18:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

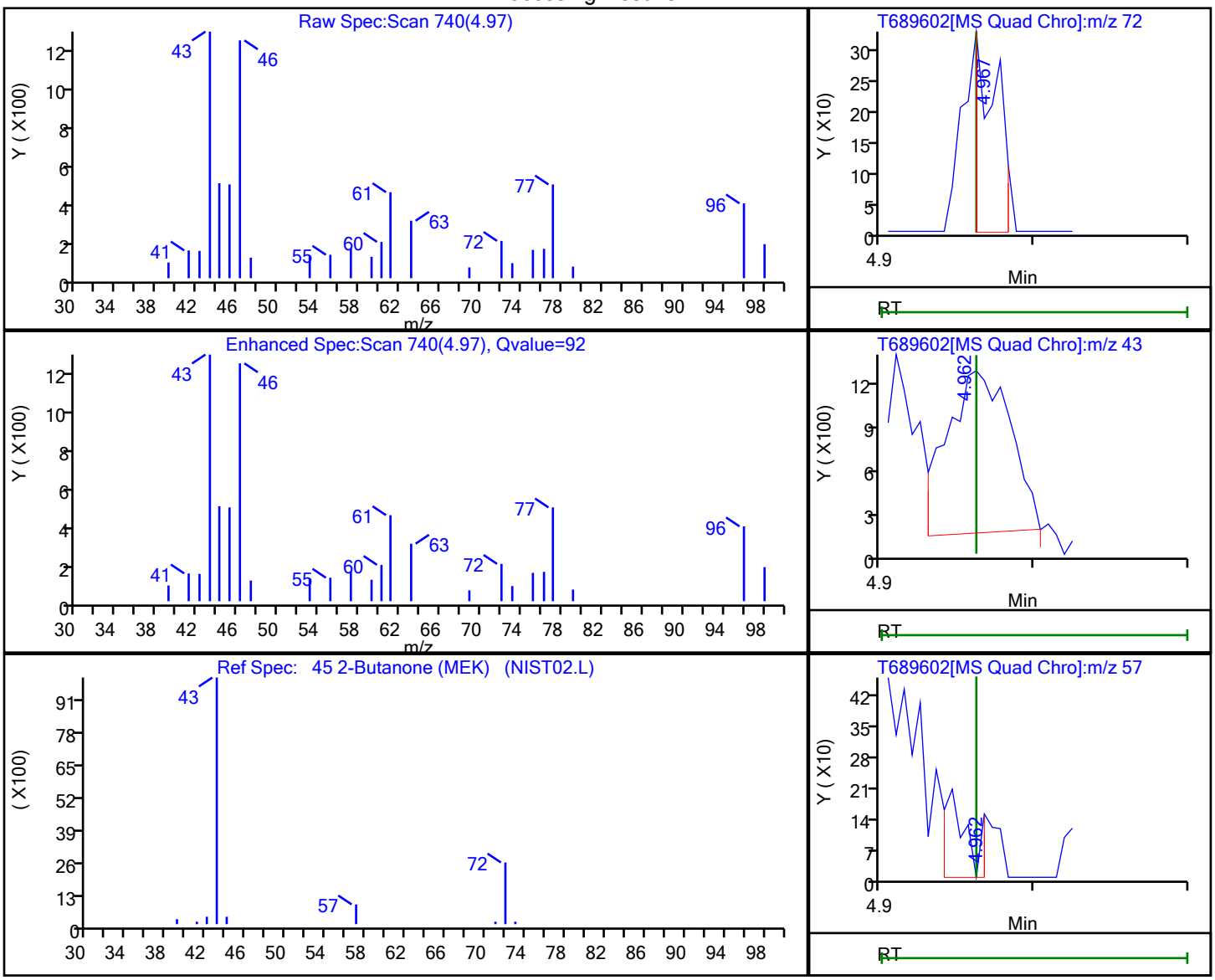
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
4.97	72.00	117	0.243668
4.96	43.00	3066	
4.96	57.00	312	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

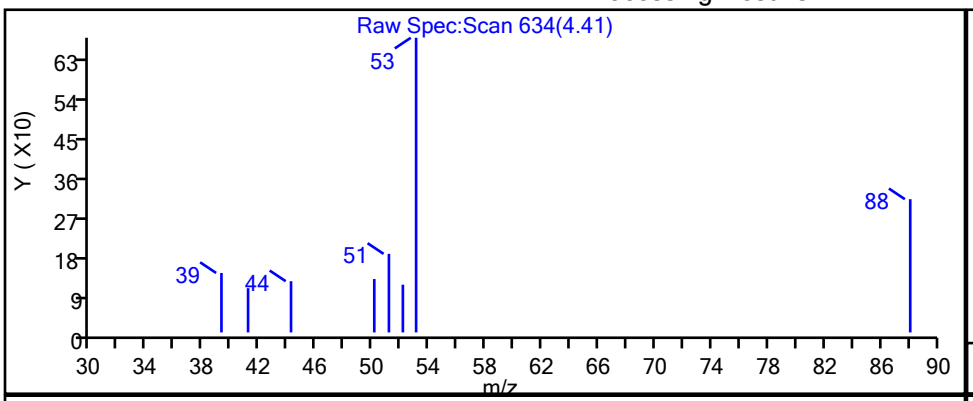
User Disabled Compound Report

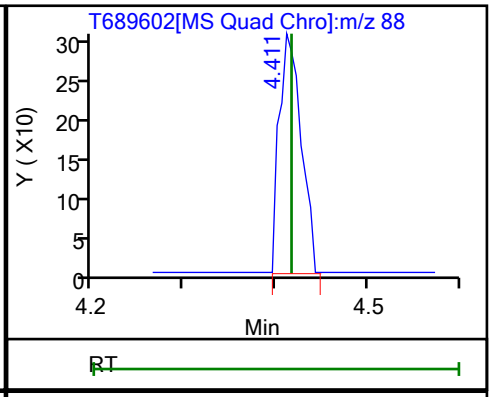
Eurofins Edison

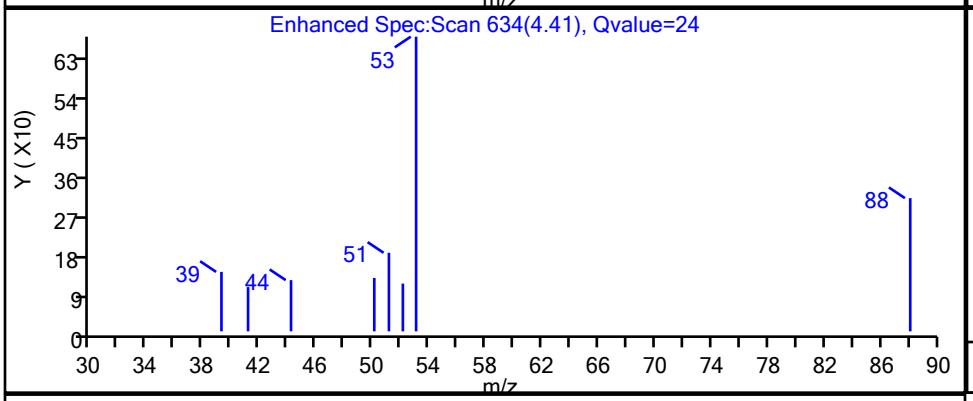
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

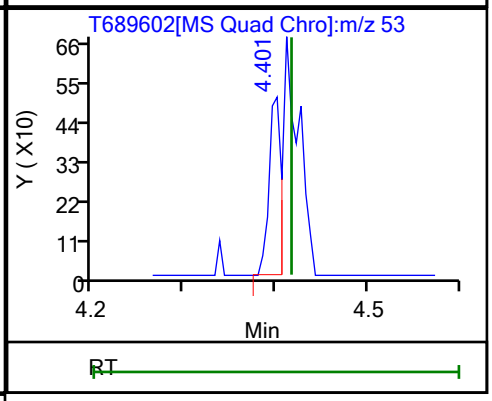
39 2-Chloro-1,3-butadiene, CAS: 126-99-8

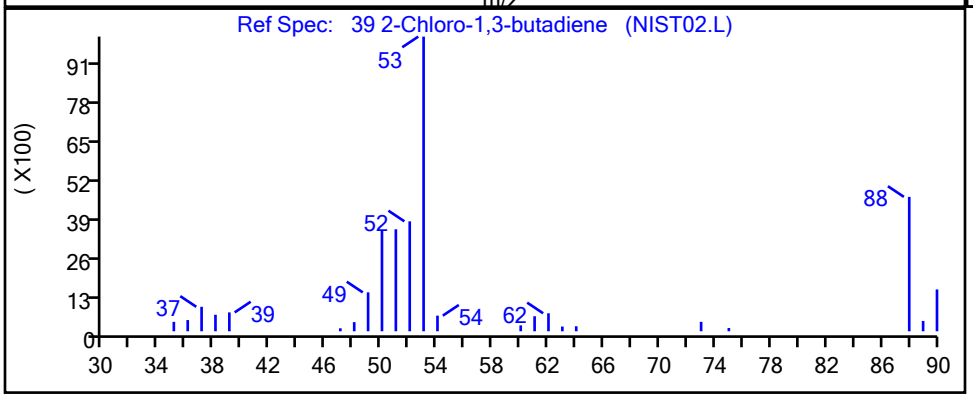
Processing Results











RT	Mass	Response	Amount
4.41	88.00	509	0.165424
4.40	53.00	467	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

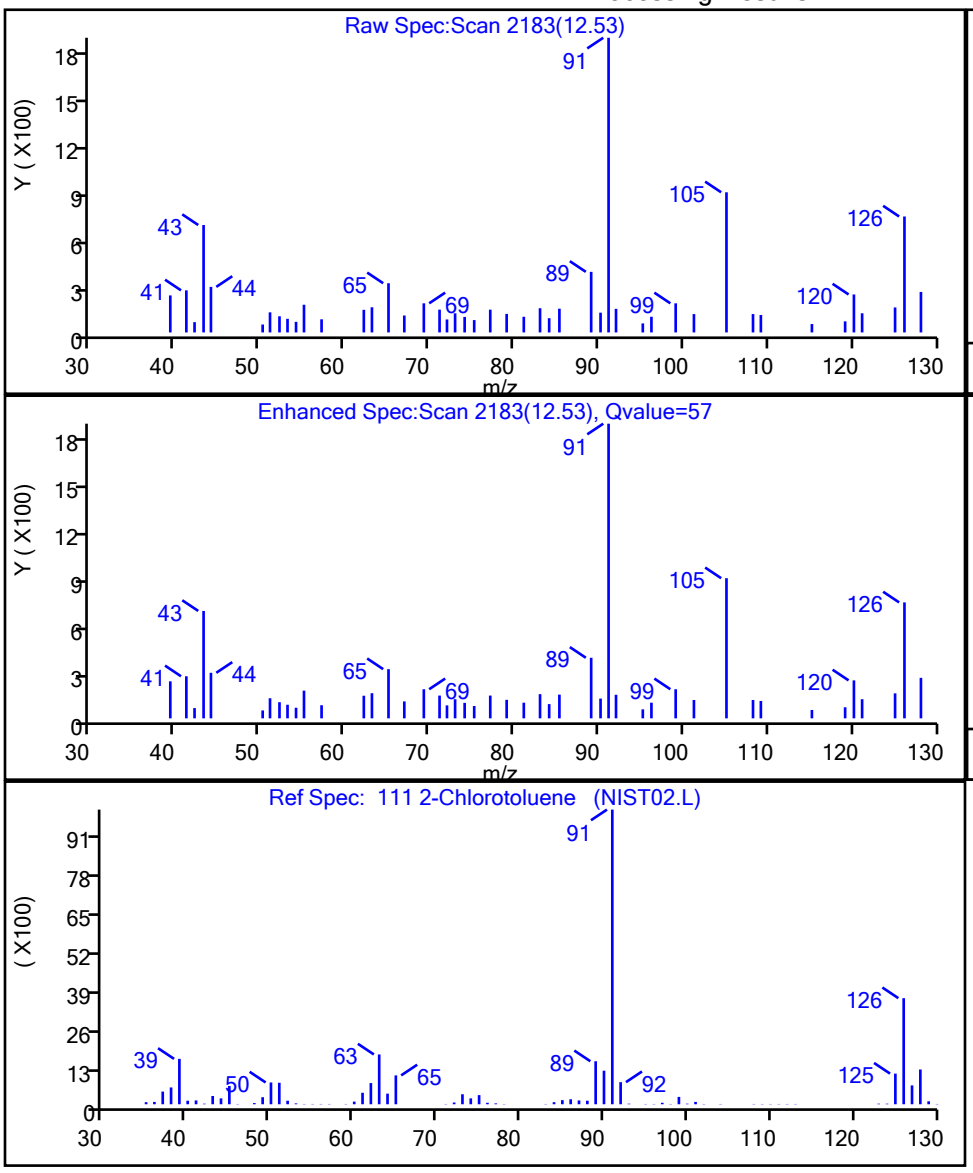
User Disabled Compound Report

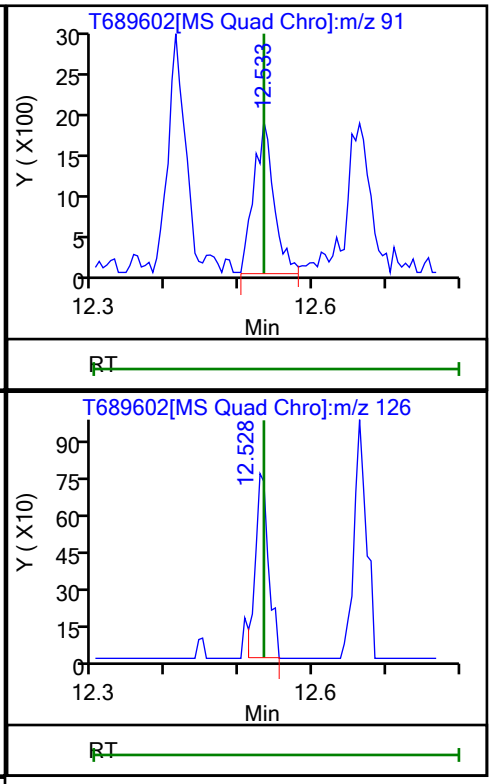
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

111 2-Chlorotoluene, CAS: 95-49-8

Processing Results





RT	Mass	Response	Amount
12.53	91.00	3528	0.221974
12.53	126.00	973	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

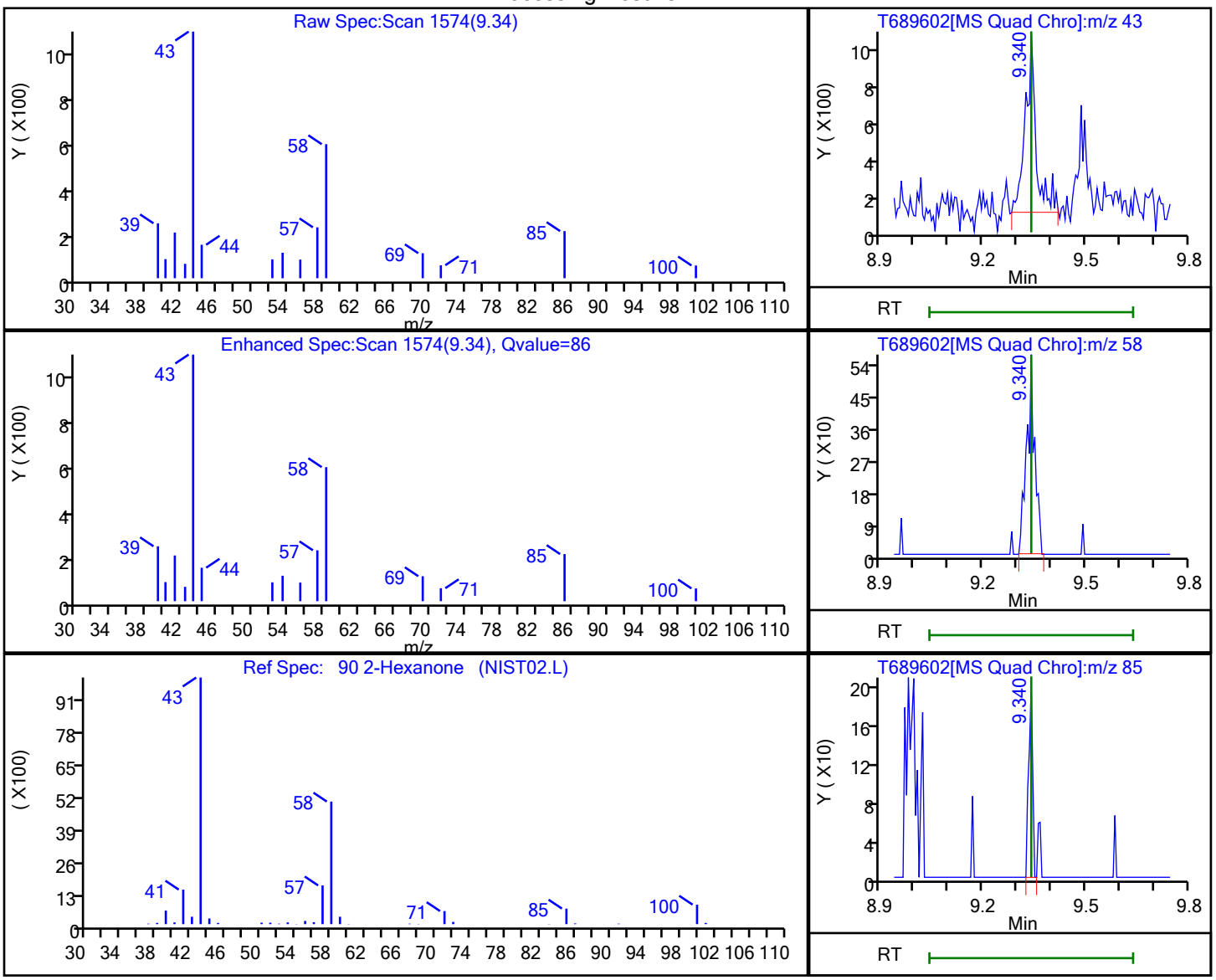
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

90 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
9.34	43.00	2080	1.160579
9.34	58.00	931	
9.34	85.00	164	
9.33	100.00	116	

Reviewer: FK2C, 19-Apr-2025 09:17:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

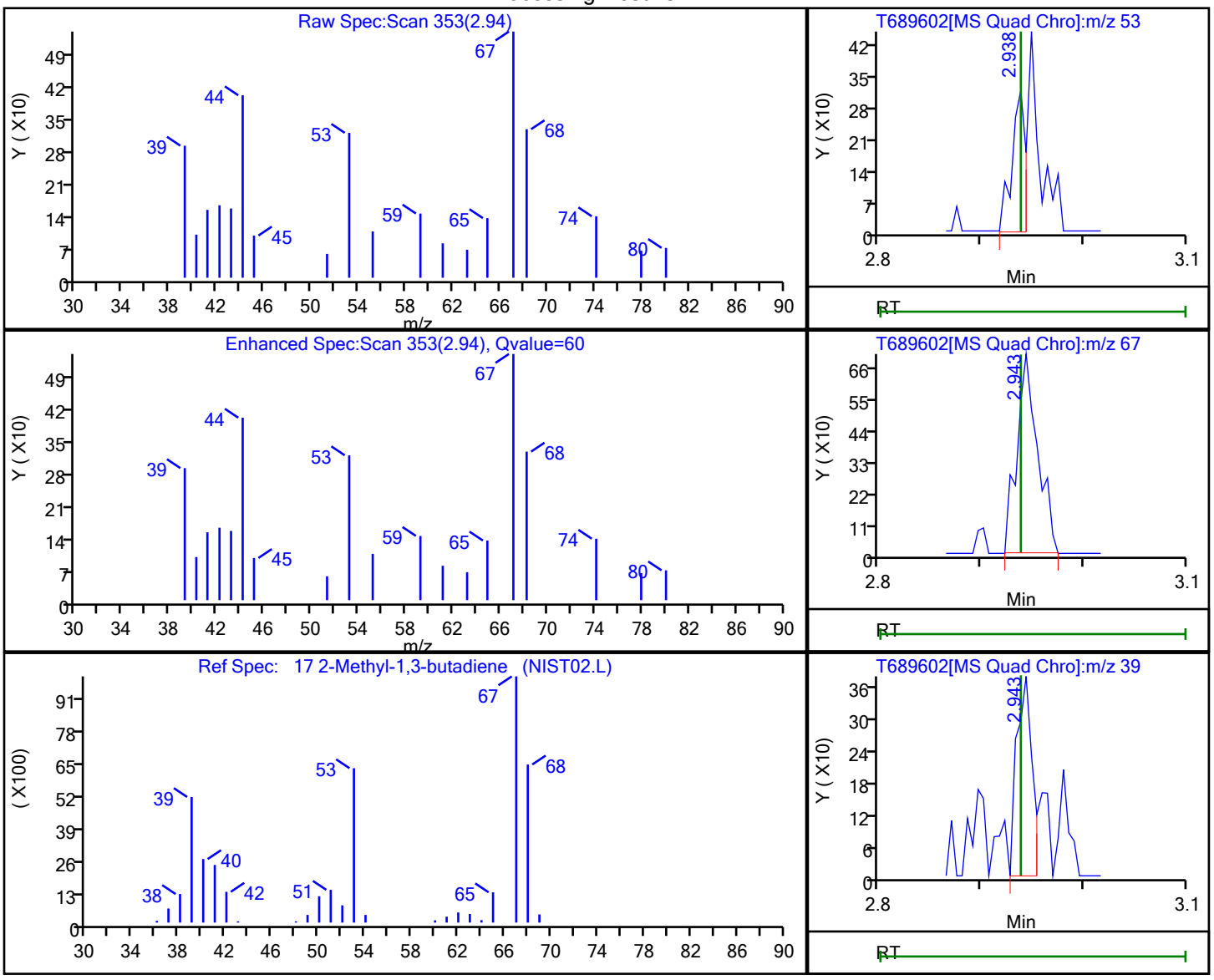
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.94	53.00	294	0.110910
2.94	67.00	1011	
2.94	39.00	395	

Reviewer: FK2C, 19-Apr-2025 09:13:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

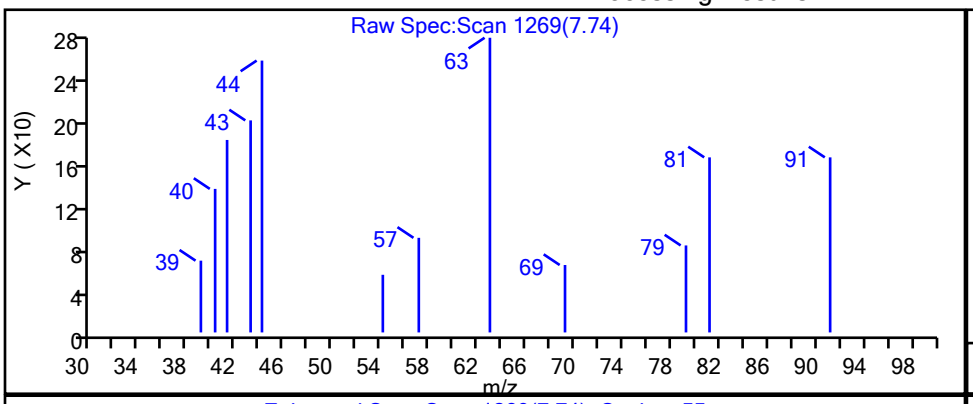
User Disabled Compound Report

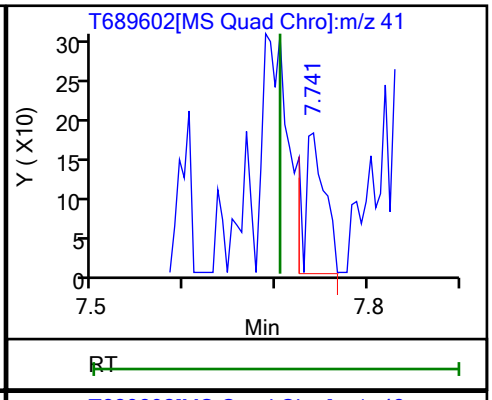
Eurofins Edison

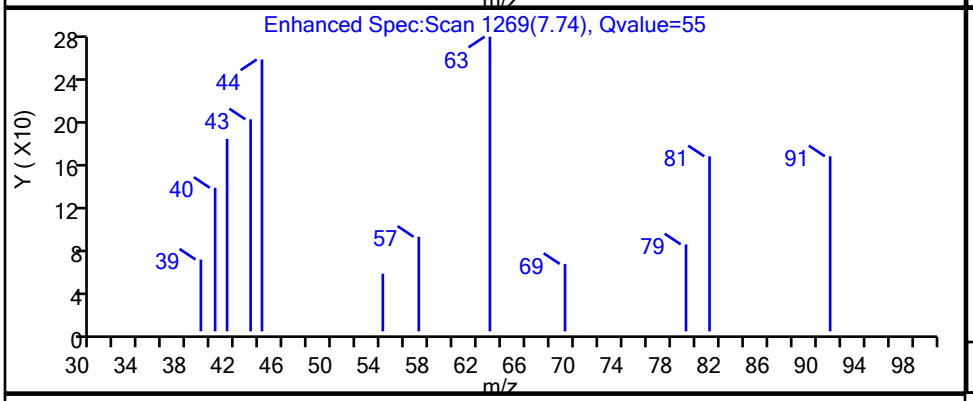
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

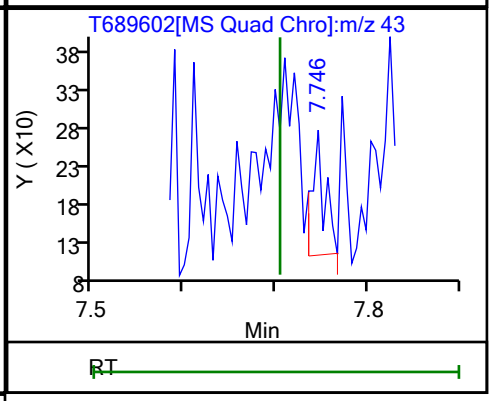
78 2-Nitropropane, CAS: 79-46-9

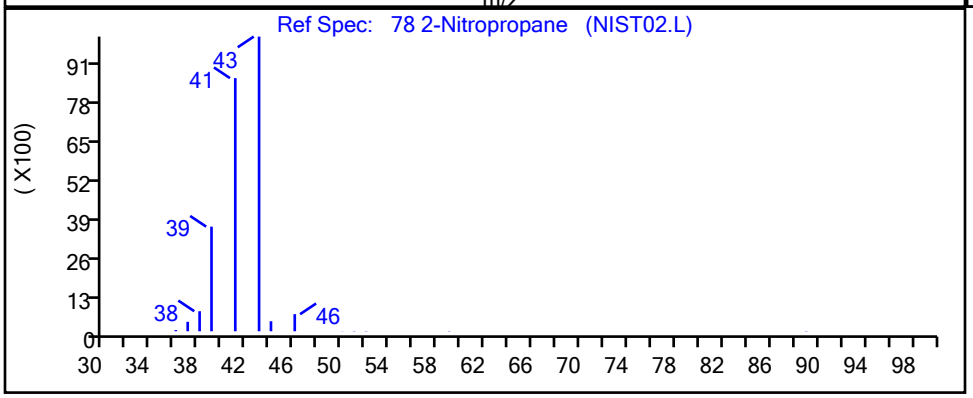
Processing Results











RT	Mass	Response	Amount
7.74	41.00	279	0.299243
7.75	43.00	162	

Reviewer: FK2C, 19-Apr-2025 09:17:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

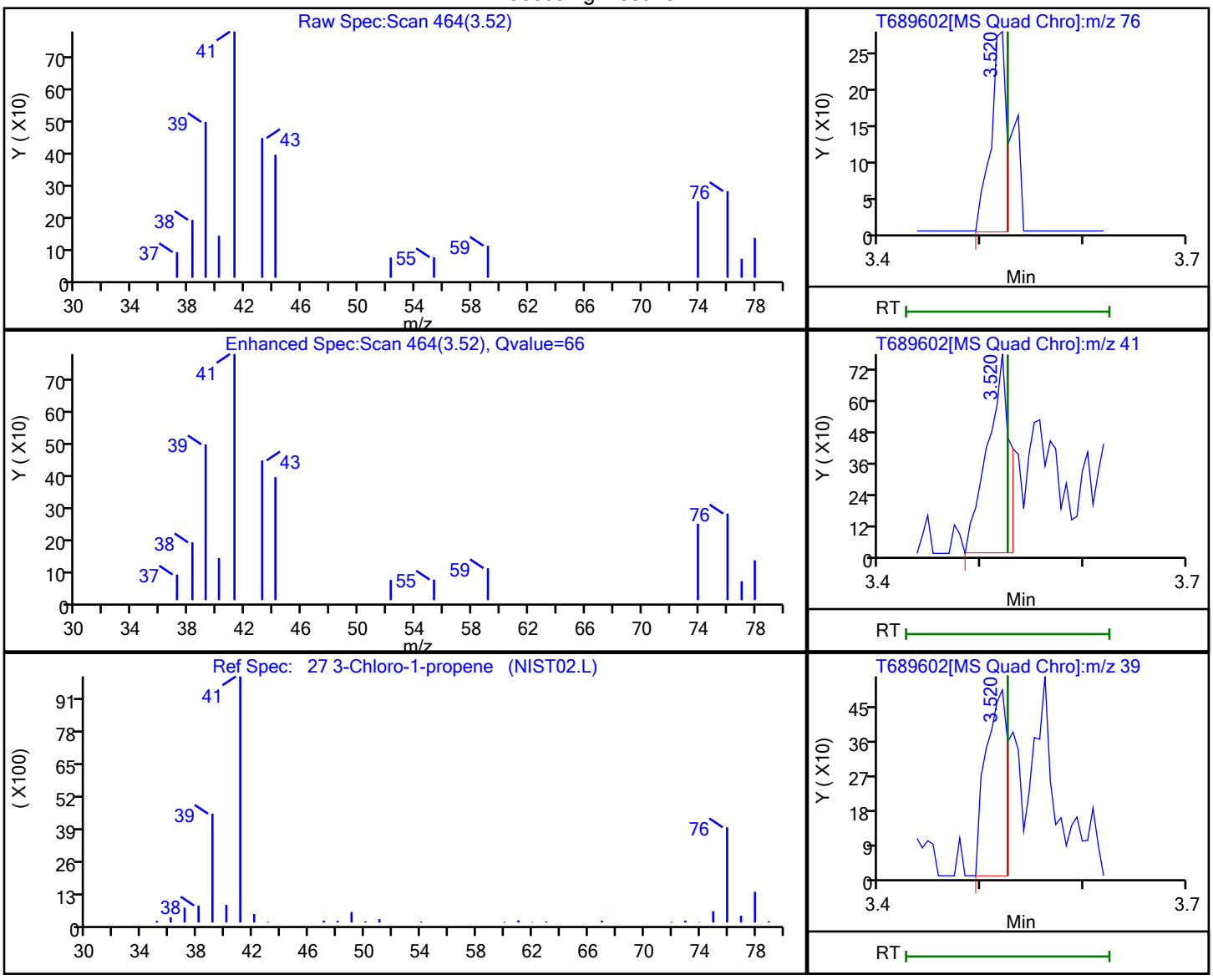
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.52	76.00	287	0.161868
3.52	41.00	1163	
3.52	39.00	723	

Reviewer: FK2C, 19-Apr-2025 09:14:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

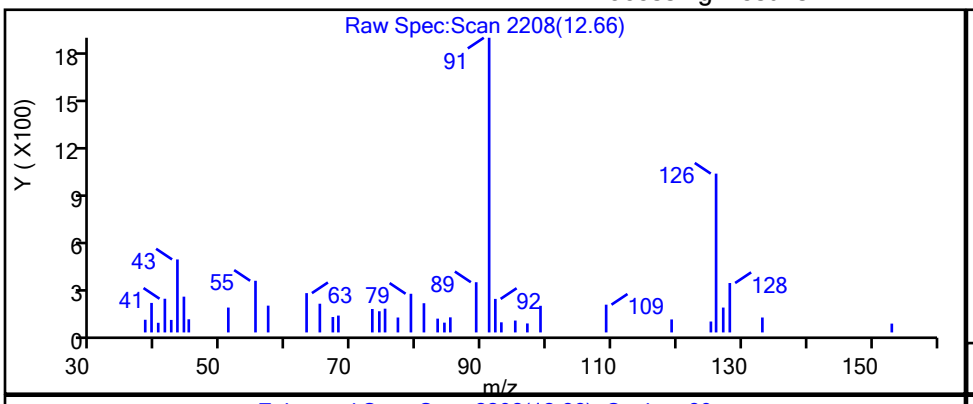
User Disabled Compound Report

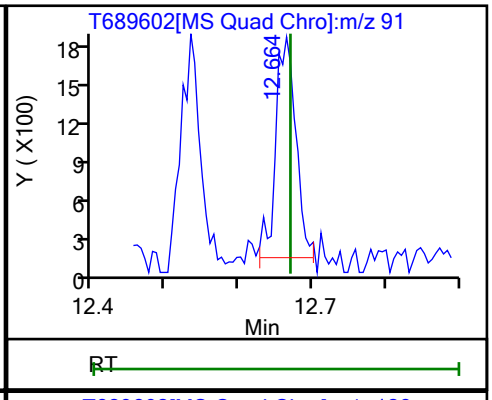
Eurofins Edison

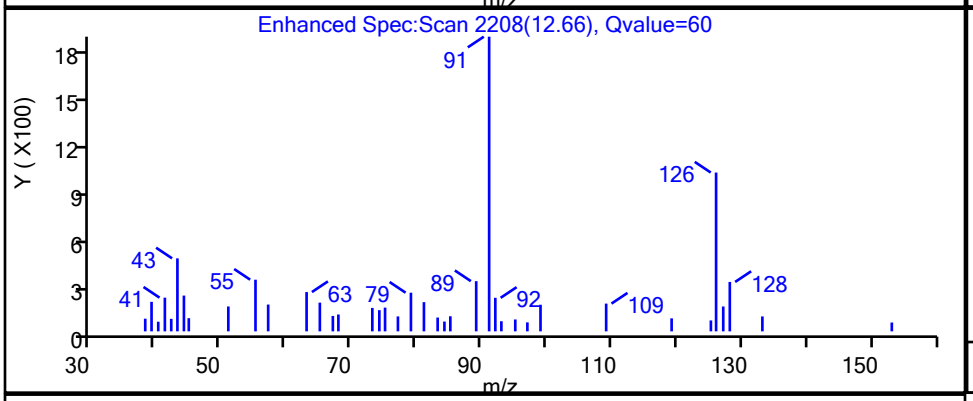
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

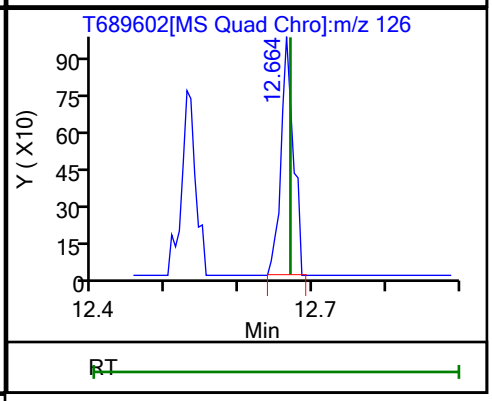
113 4-Chlorotoluene, CAS: 106-43-4

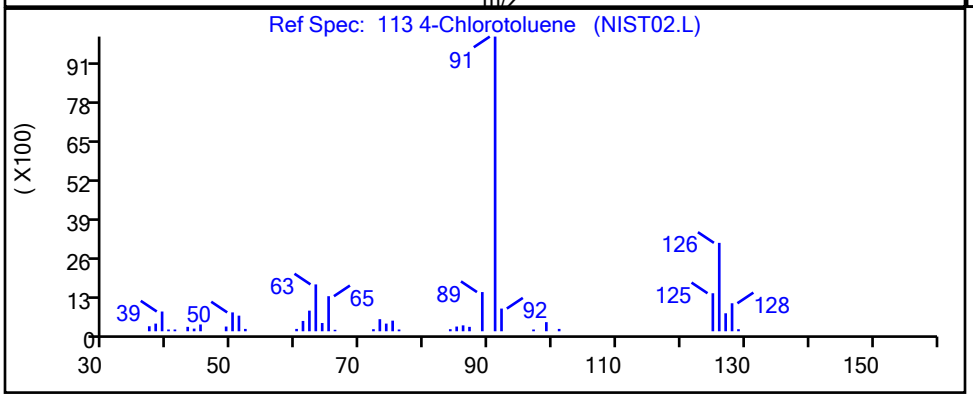
Processing Results











RT	Mass	Response	Amount
12.66	91.00	3289	0.201938
12.66	126.00	1164	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

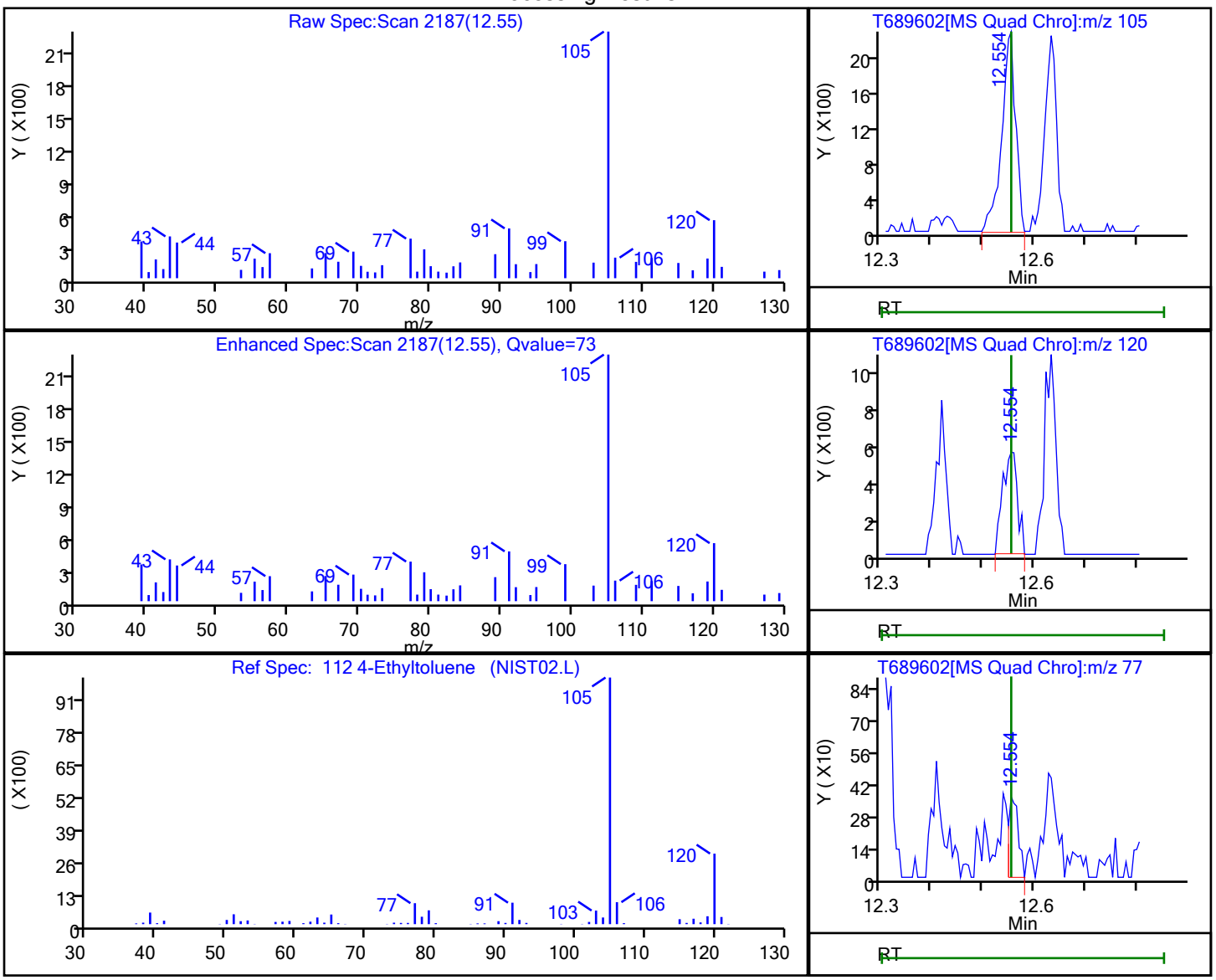
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
12.55	105.00	4175	0.229144
12.55	120.00	1065	
12.55	77.00	464	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

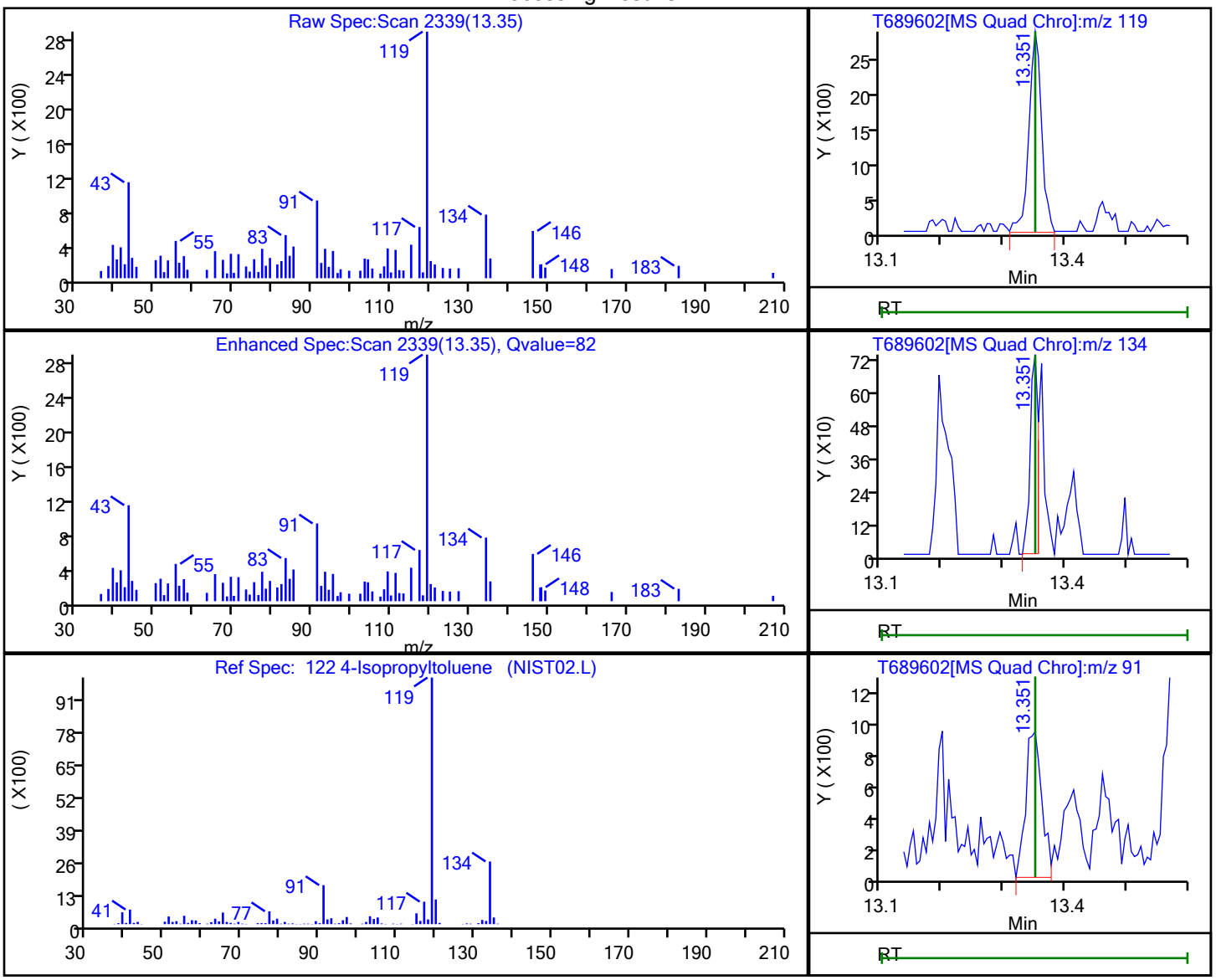
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
13.35	119.00	4056	0.248516
13.35	134.00	674	
13.35	91.00	1641	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

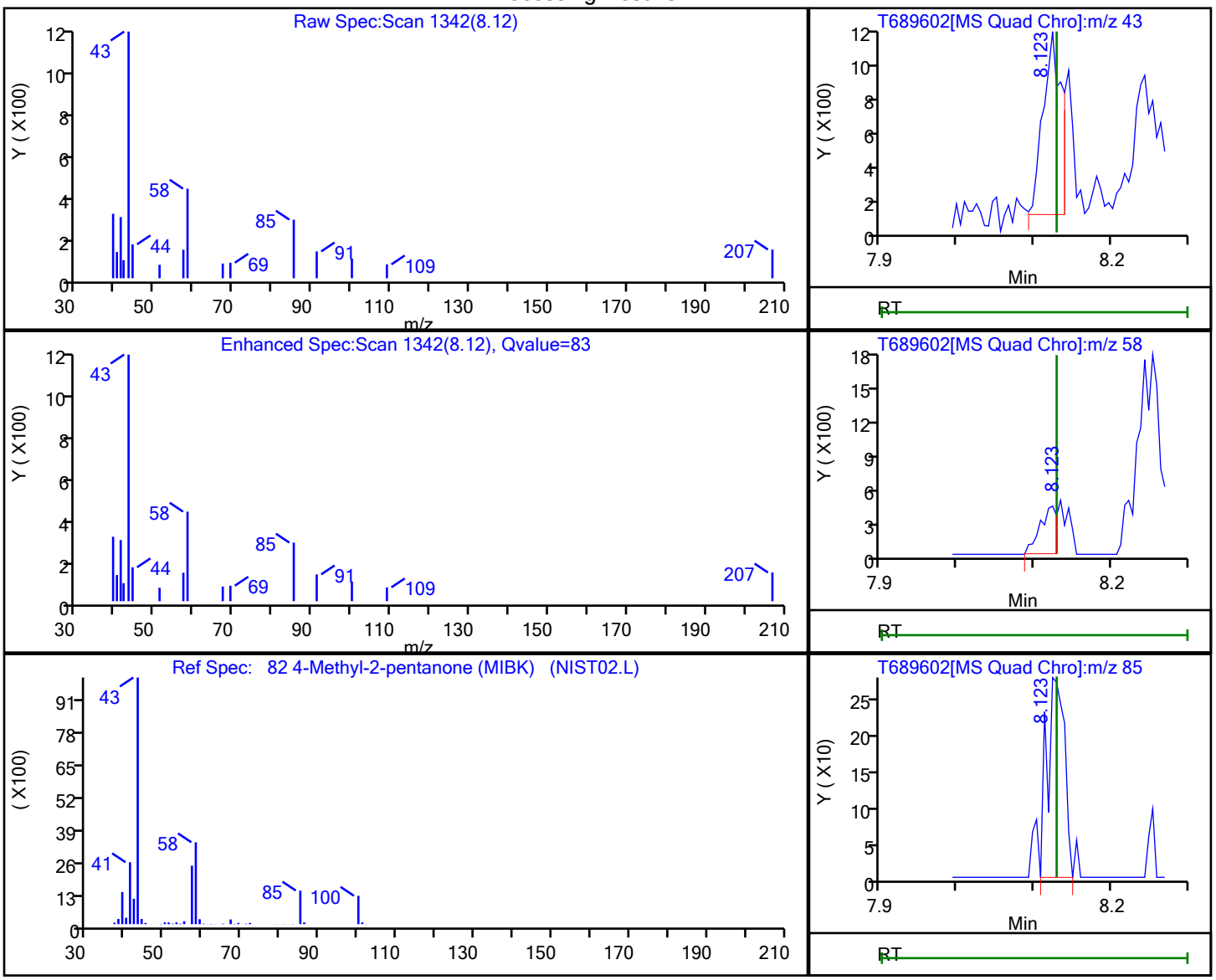
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
8.12	43.00	1680	0.706363
8.12	58.00	655	
8.12	85.00	440	
8.13	100.00	156	

Reviewer: FK2C, 19-Apr-2025 09:17:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

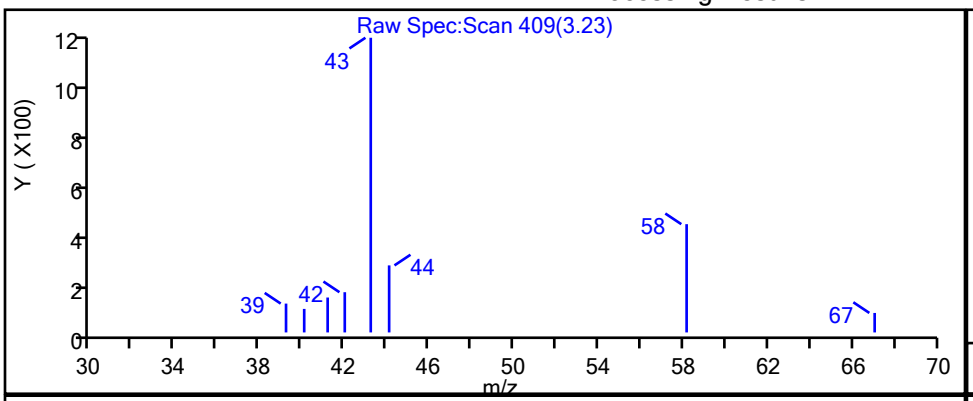
User Disabled Compound Report

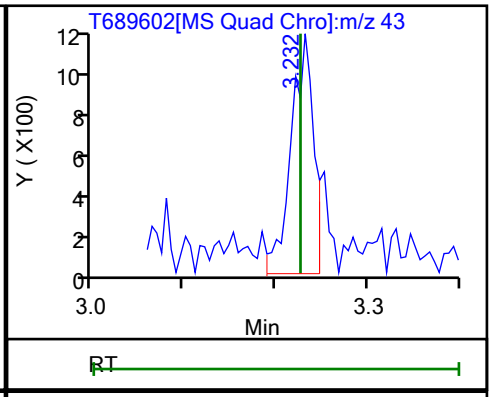
Eurofins Edison

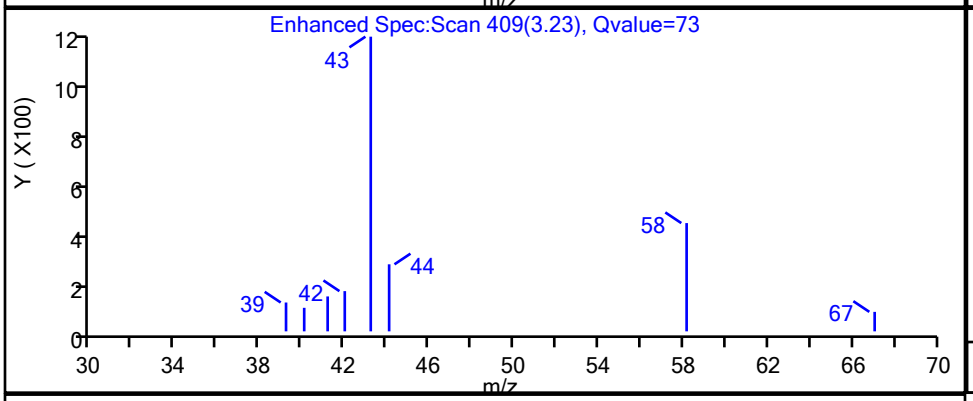
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

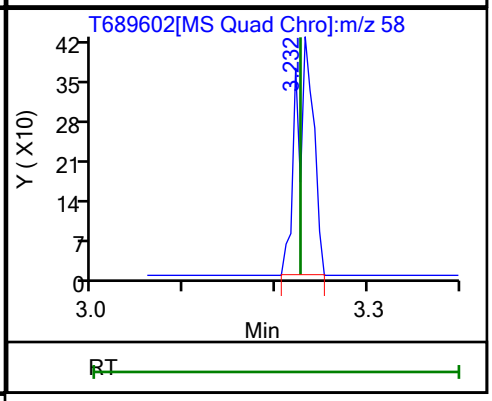
22 Acetone, CAS: 67-64-1

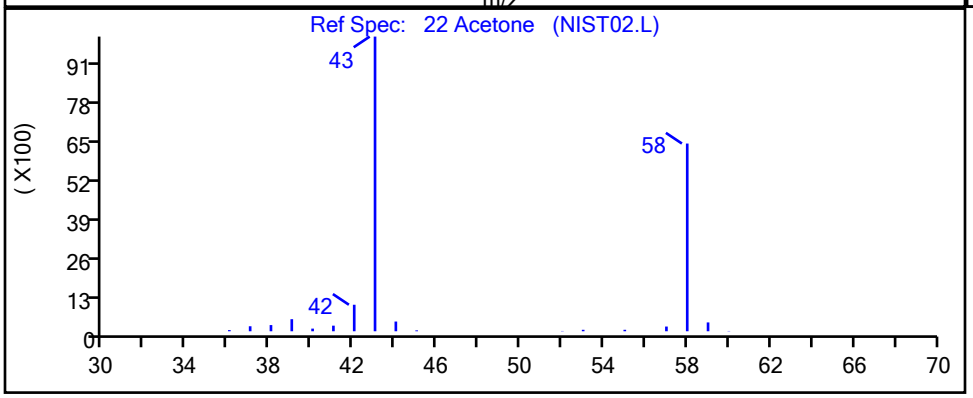
Processing Results











RT	Mass	Response	Amount
3.23	43.00	2012	2.132996
3.23	58.00	558	

Reviewer: FK2C, 19-Apr-2025 09:14:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

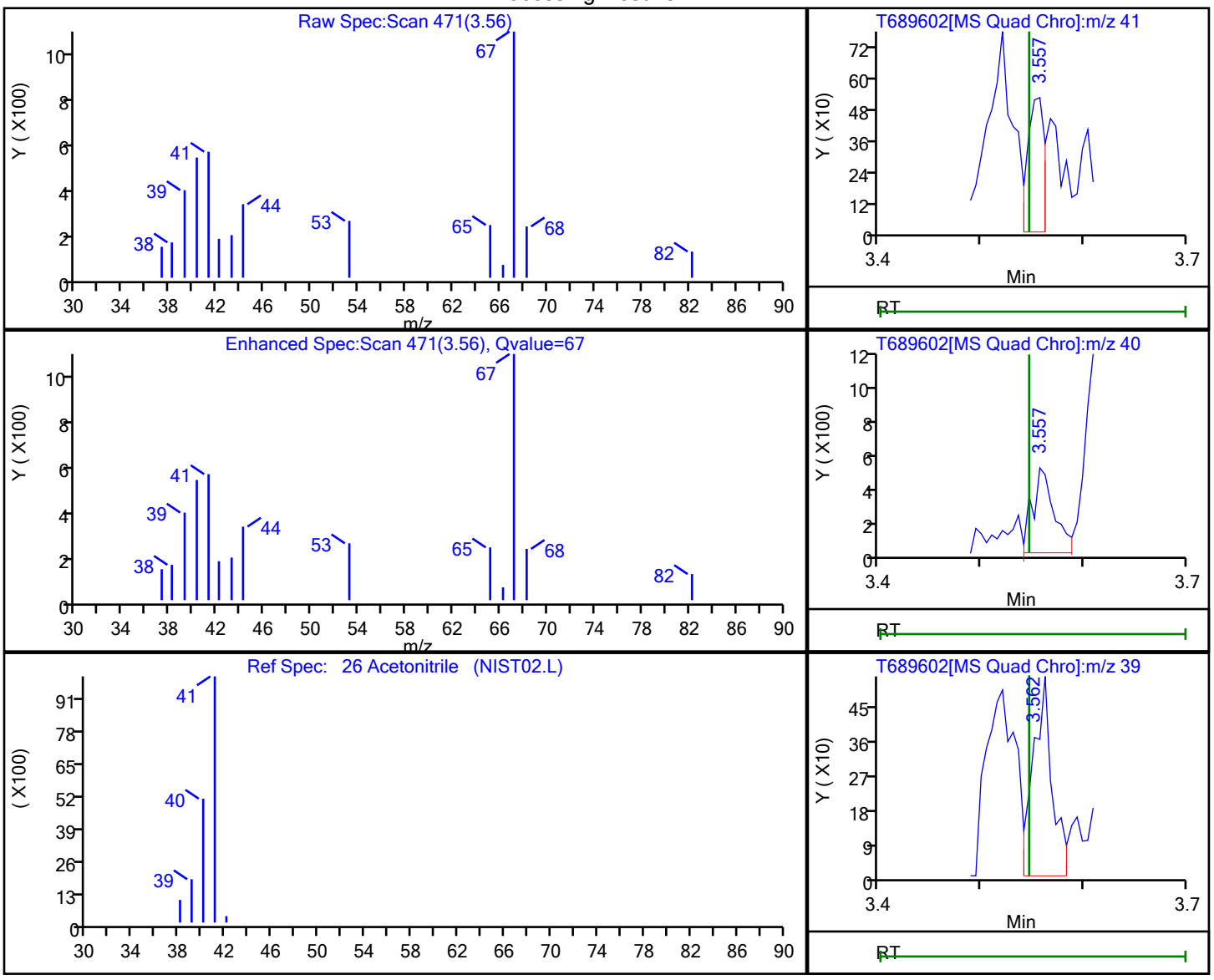
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.56	41.00	610	0.897948
3.56	40.00	755	
3.56	39.00	698	
3.56	38.00	204	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

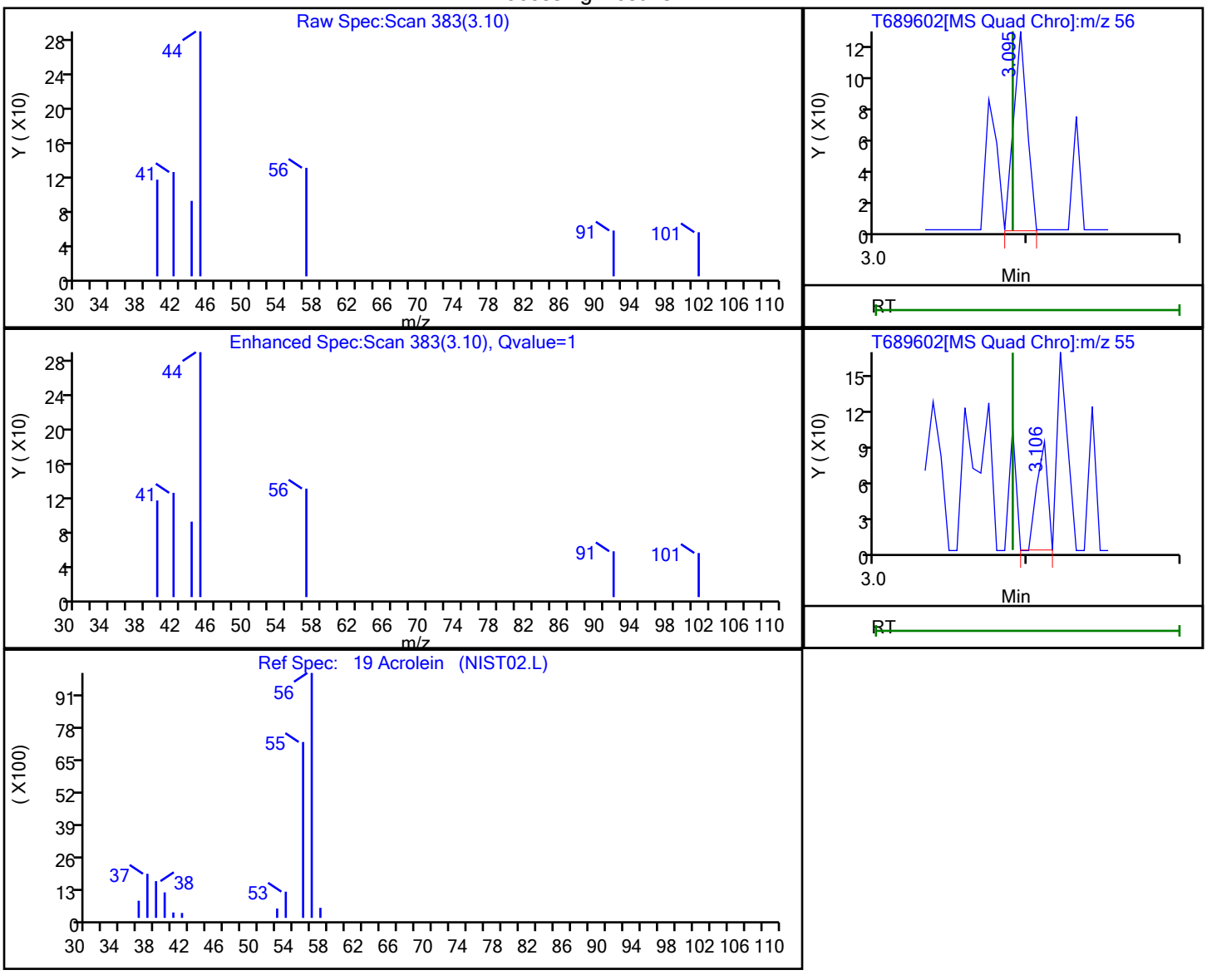
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
3.10	56.00	78	0.169708
3.11	55.00	45	

Reviewer: FK2C, 19-Apr-2025 09:14:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

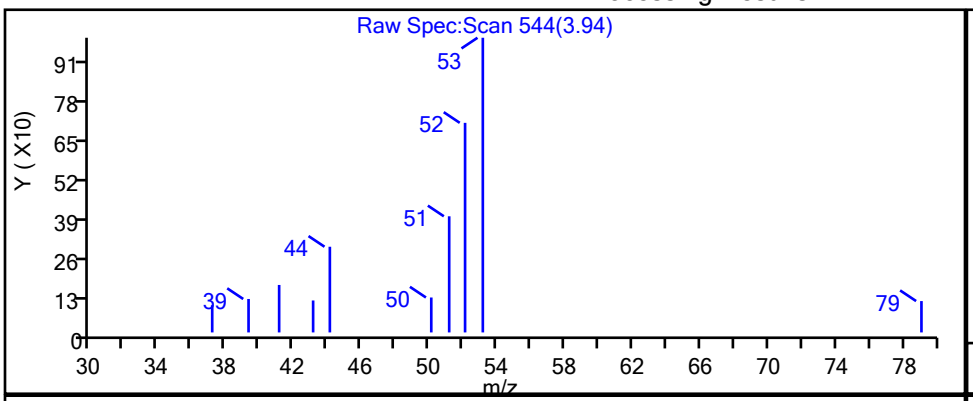
User Disabled Compound Report

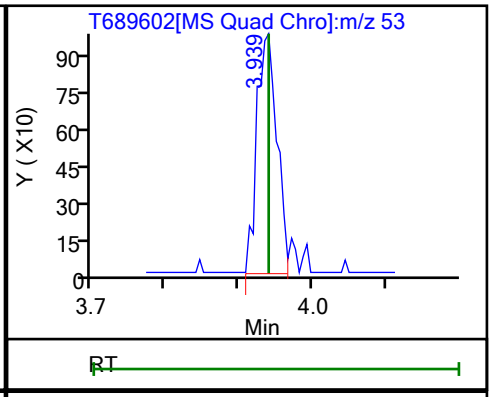
Eurofins Edison

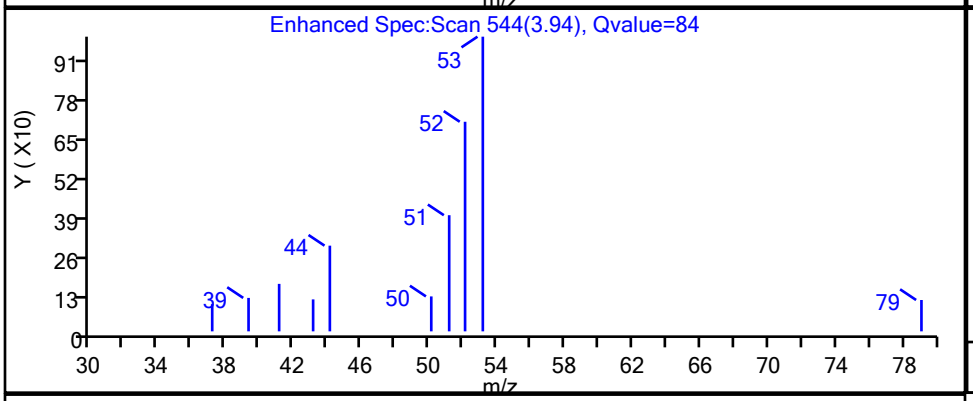
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

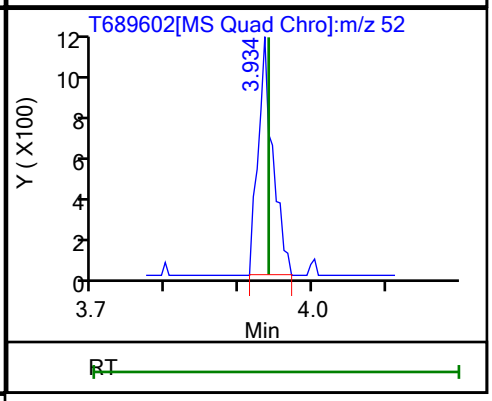
33 Acrylonitrile, CAS: 107-13-1

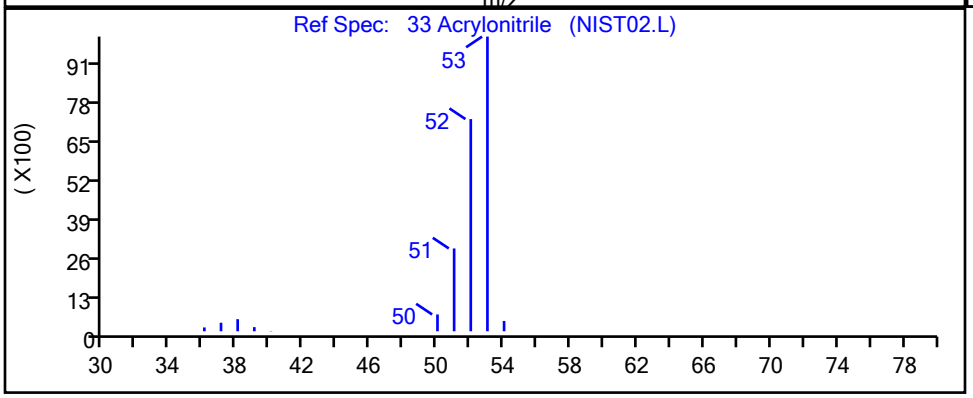
Processing Results











RT	Mass	Response	Amount
3.94	53.00	1874	1.934820
3.93	52.00	1648	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

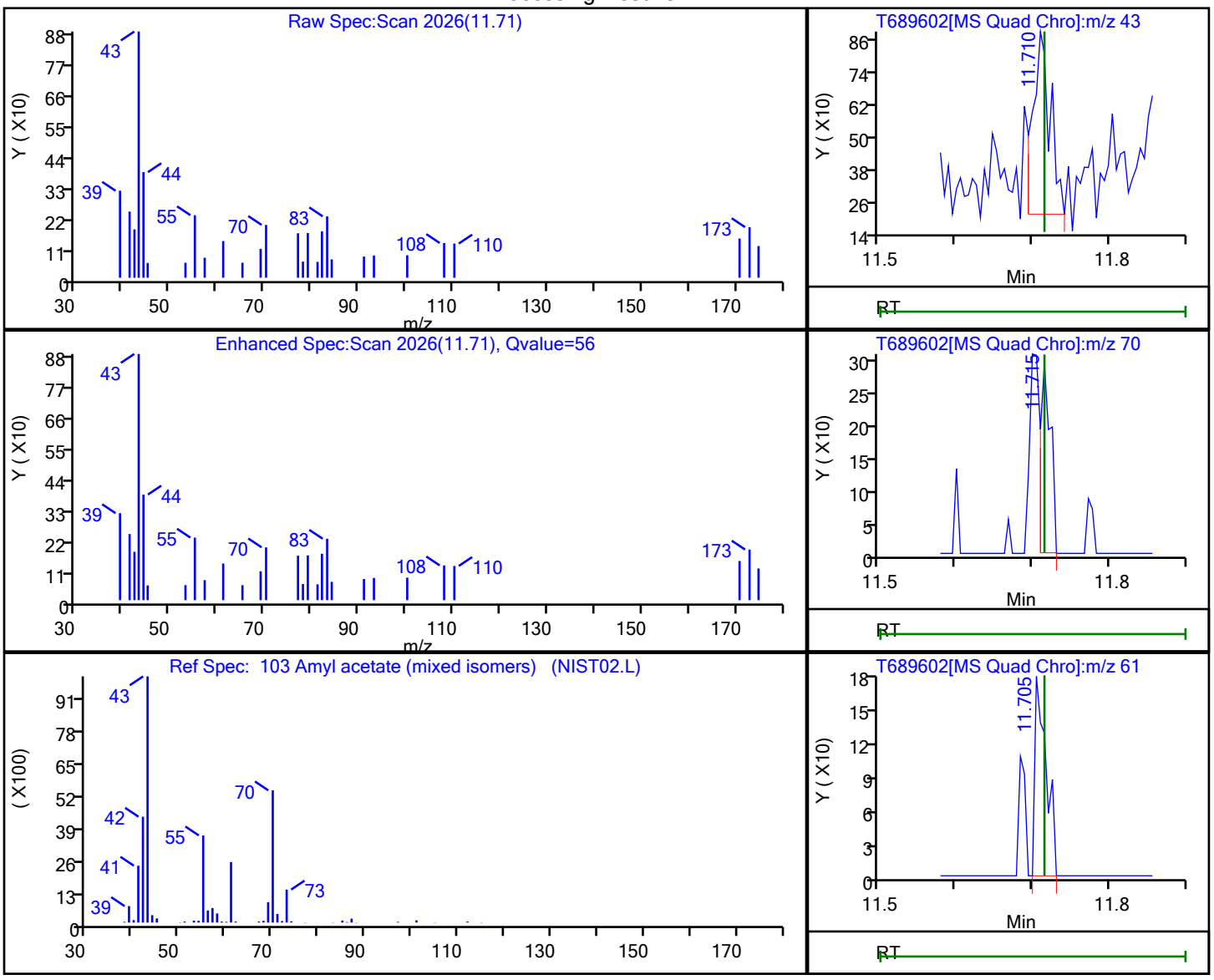
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
11.71	43.00	1059	0.226848
11.71	70.00	272	
11.70	61.00	177	

Reviewer: FK2C, 19-Apr-2025 09:17:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

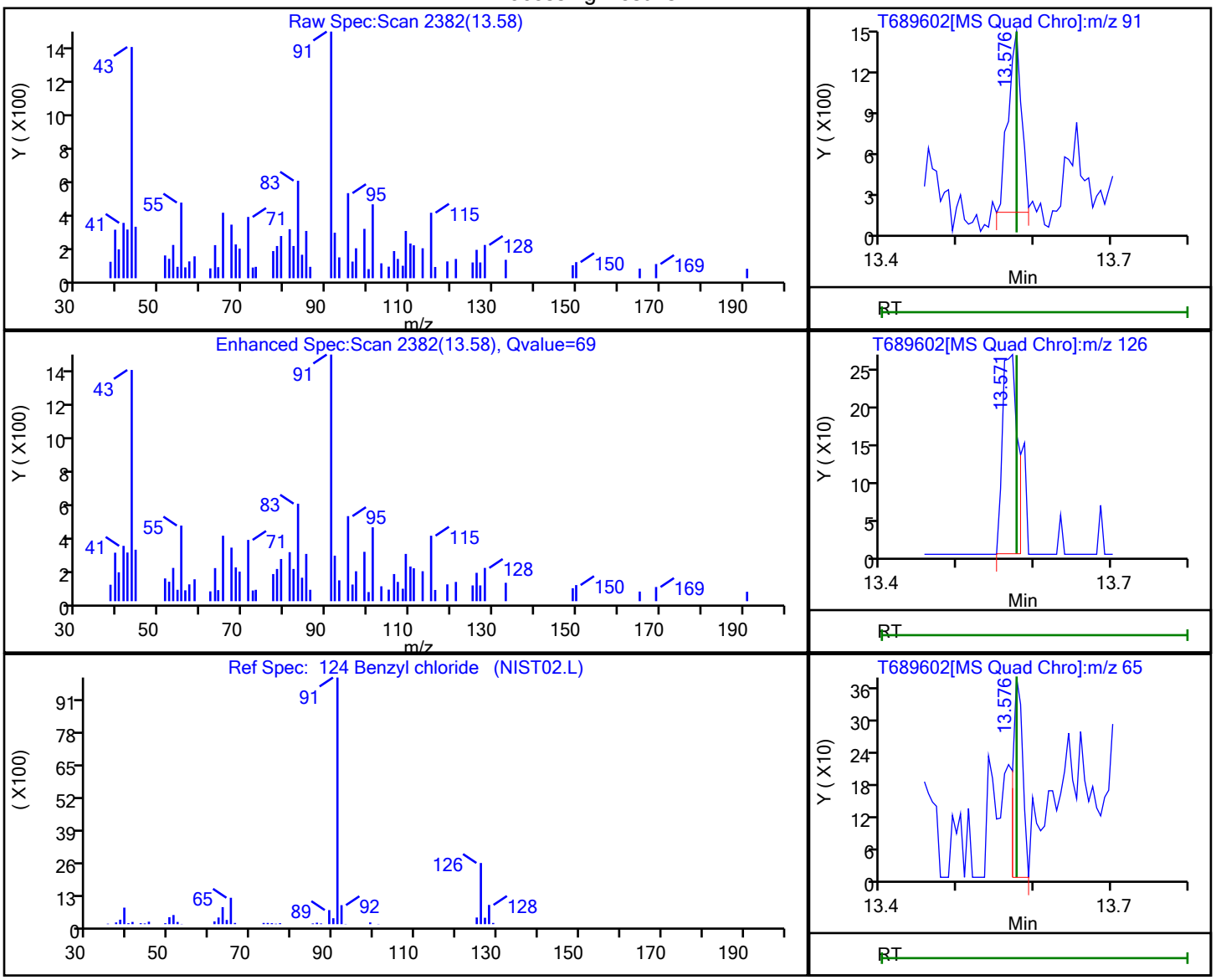
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
13.58	91.00	1462	0.176452
13.57	126.00	370	
13.58	65.00	322	

Reviewer: FK2C, 19-Apr-2025 09:18:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

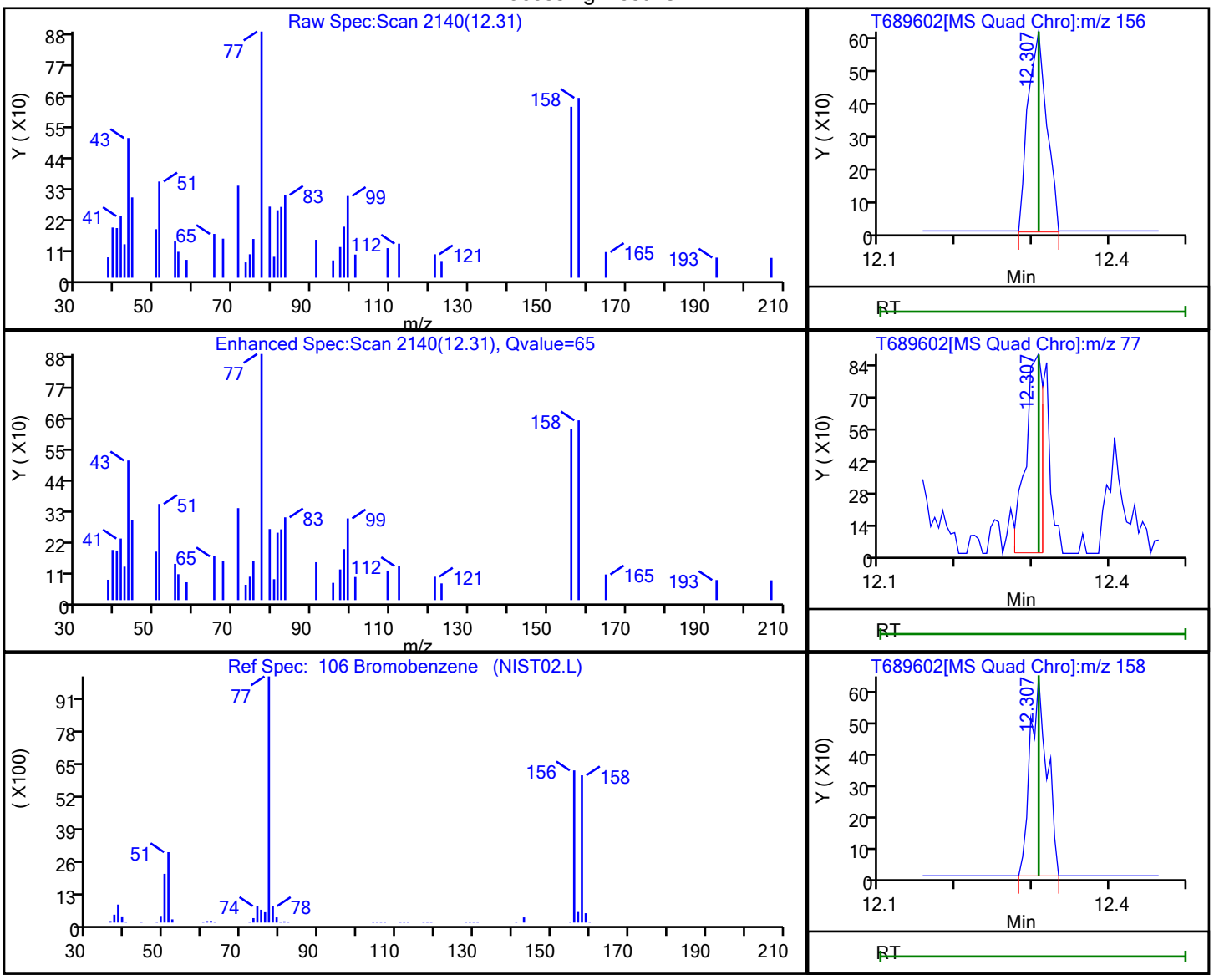
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

106 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
12.31	156.00	1040	0.207614
12.31	77.00	1388	
12.31	158.00	981	

Reviewer: FK2C, 19-Apr-2025 09:18:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

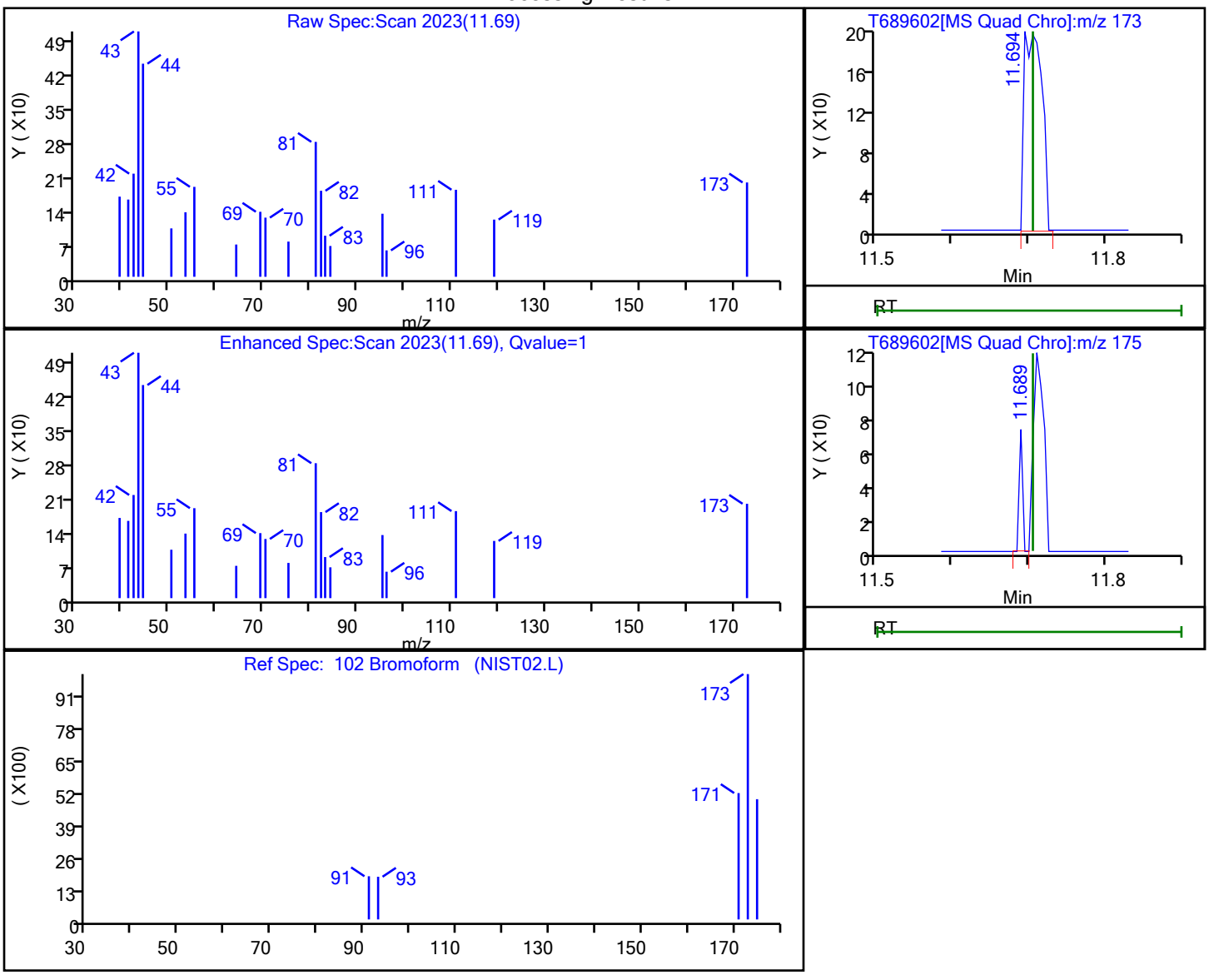
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

102 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
11.69	173.00	314	0.124182
11.69	175.00	22	

Reviewer: FK2C, 19-Apr-2025 09:17:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

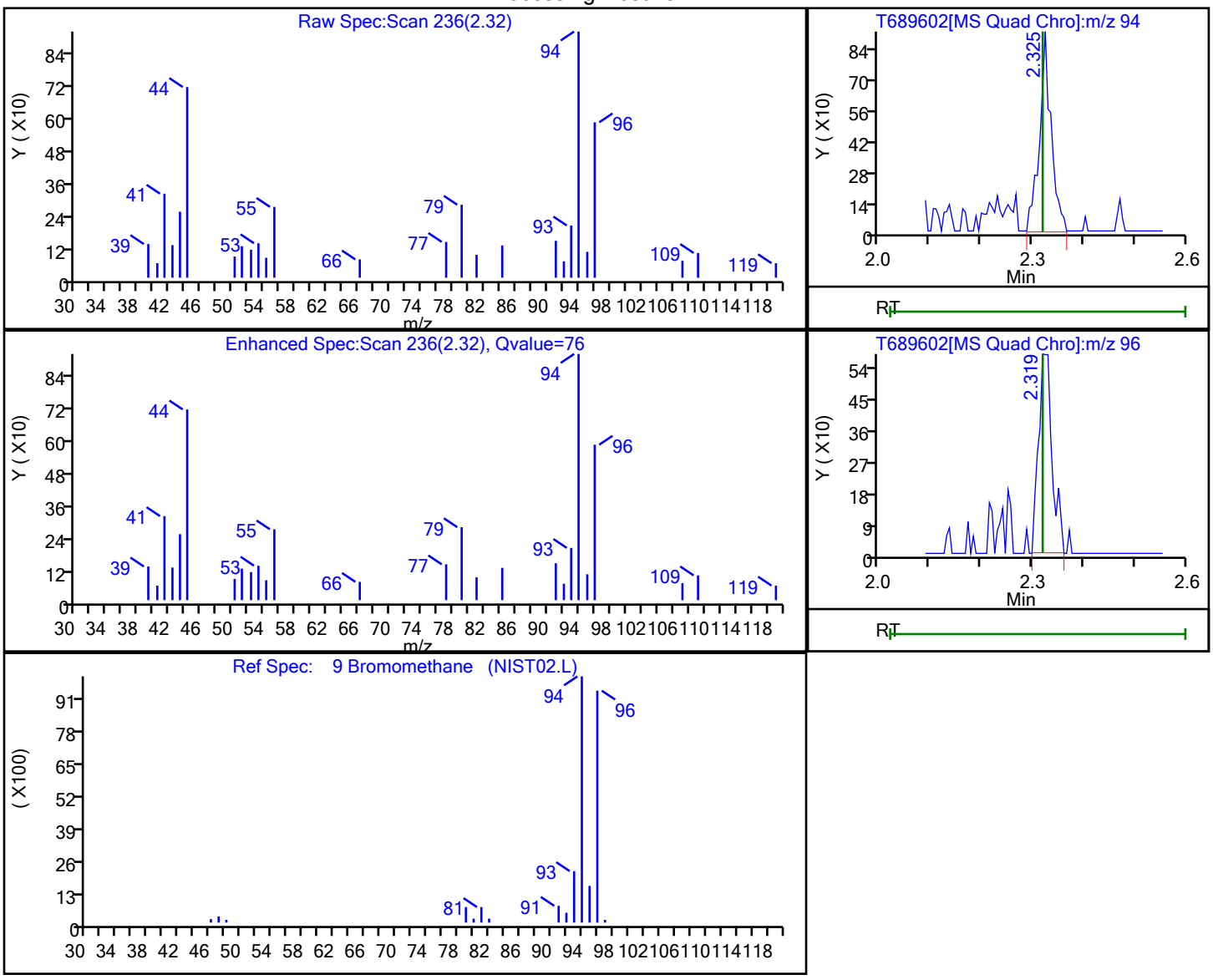
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.32	94.00	1454	0.554732
2.32	96.00	1089	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

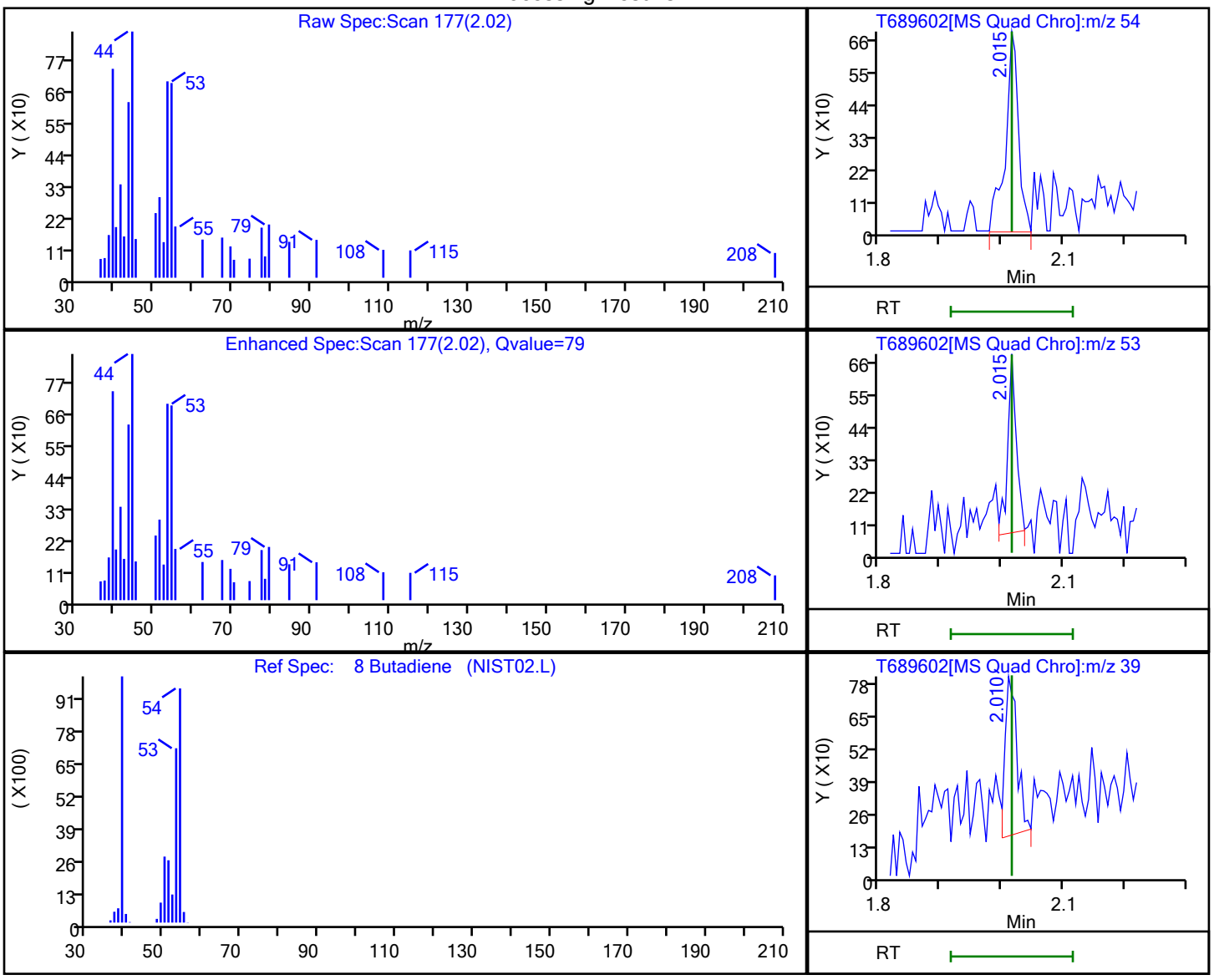
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
2.02	54.00	1011	0.284110
2.02	53.00	614	
2.01	39.00	877	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

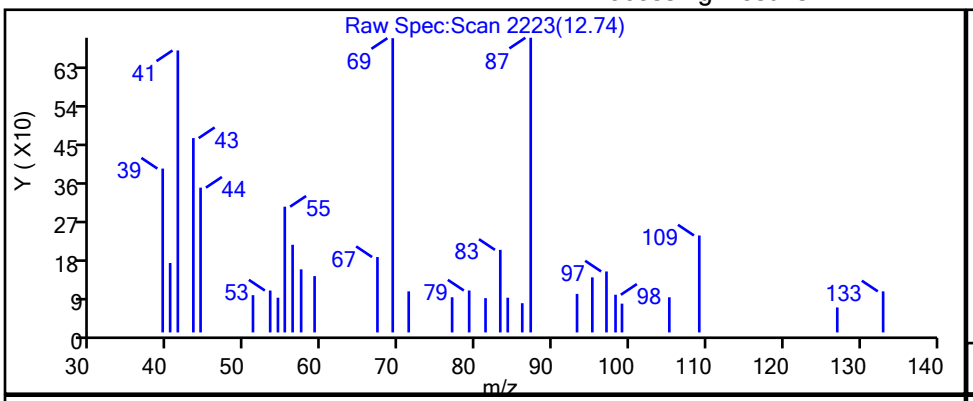
User Disabled Compound Report

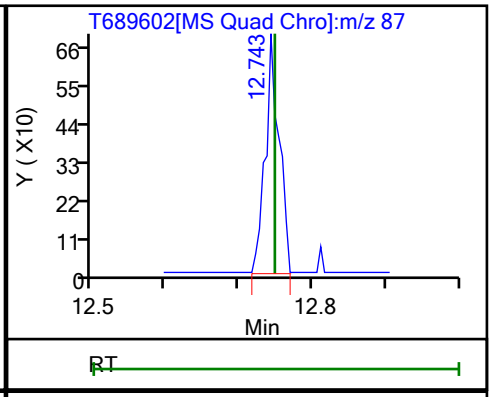
Eurofins Edison

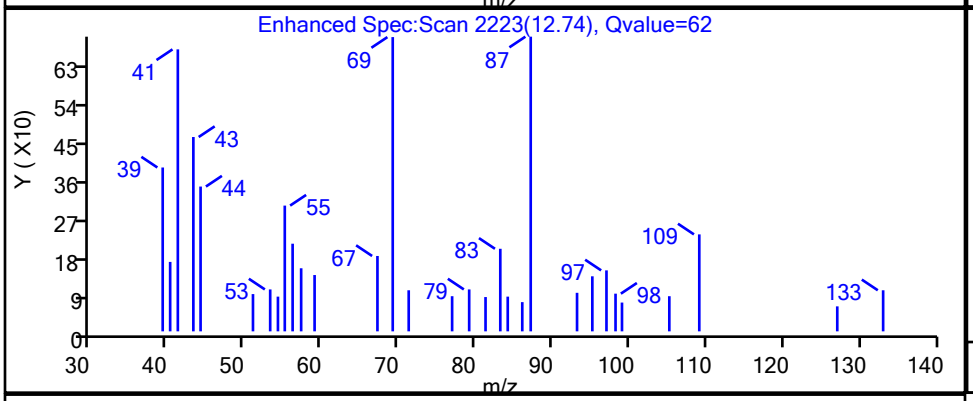
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

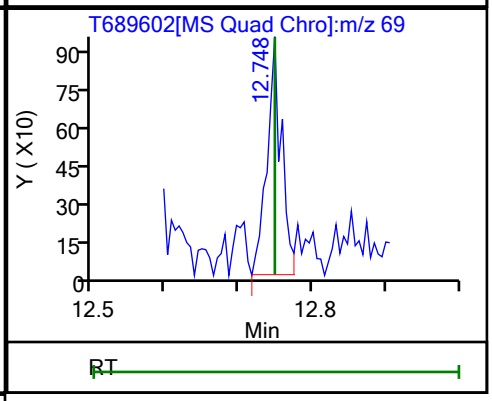
115 Butyl Methacrylate, CAS: 97-88-1

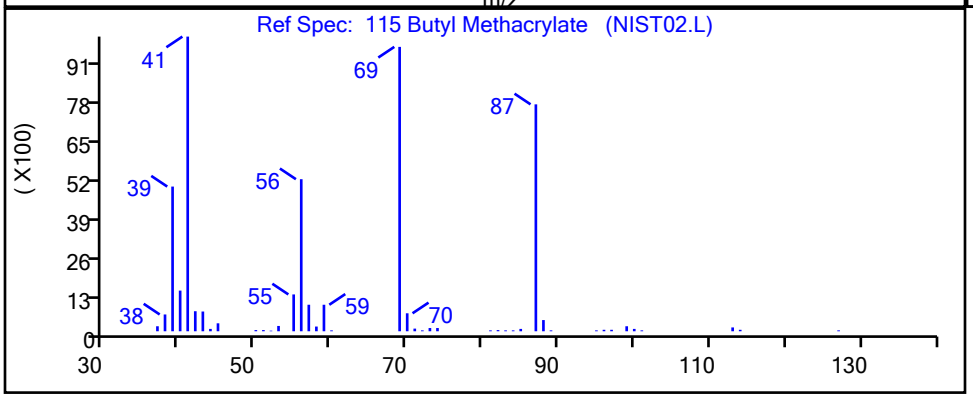
Processing Results











RT	Mass	Response	Amount
12.74	87.00	906	0.204328
12.75	69.00	1315	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

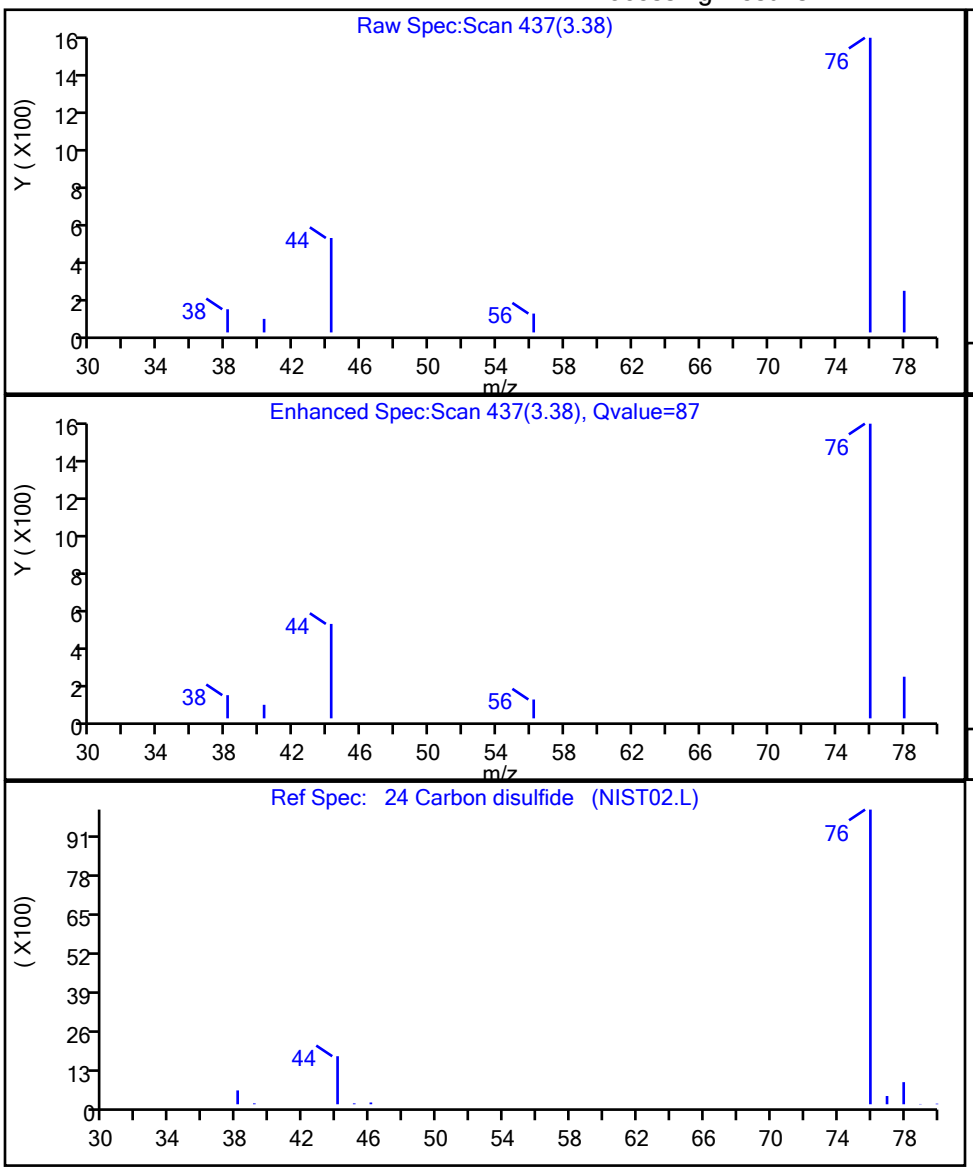
User Disabled Compound Report

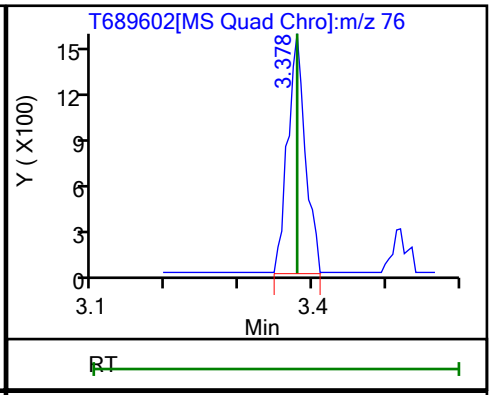
Eurofins Edison

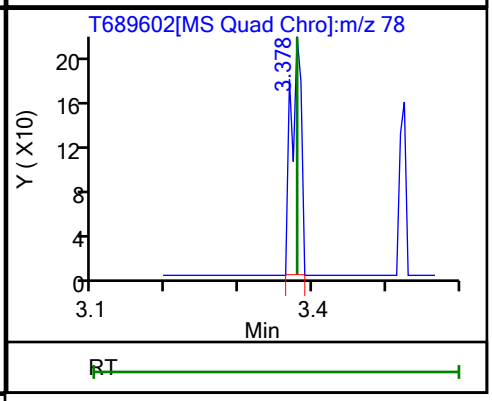
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Processing Results







RT	Mass	Response	Amount
3.38	76.00	2489	0.238568
3.38	78.00	207	

Reviewer: FK2C, 19-Apr-2025 09:14:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

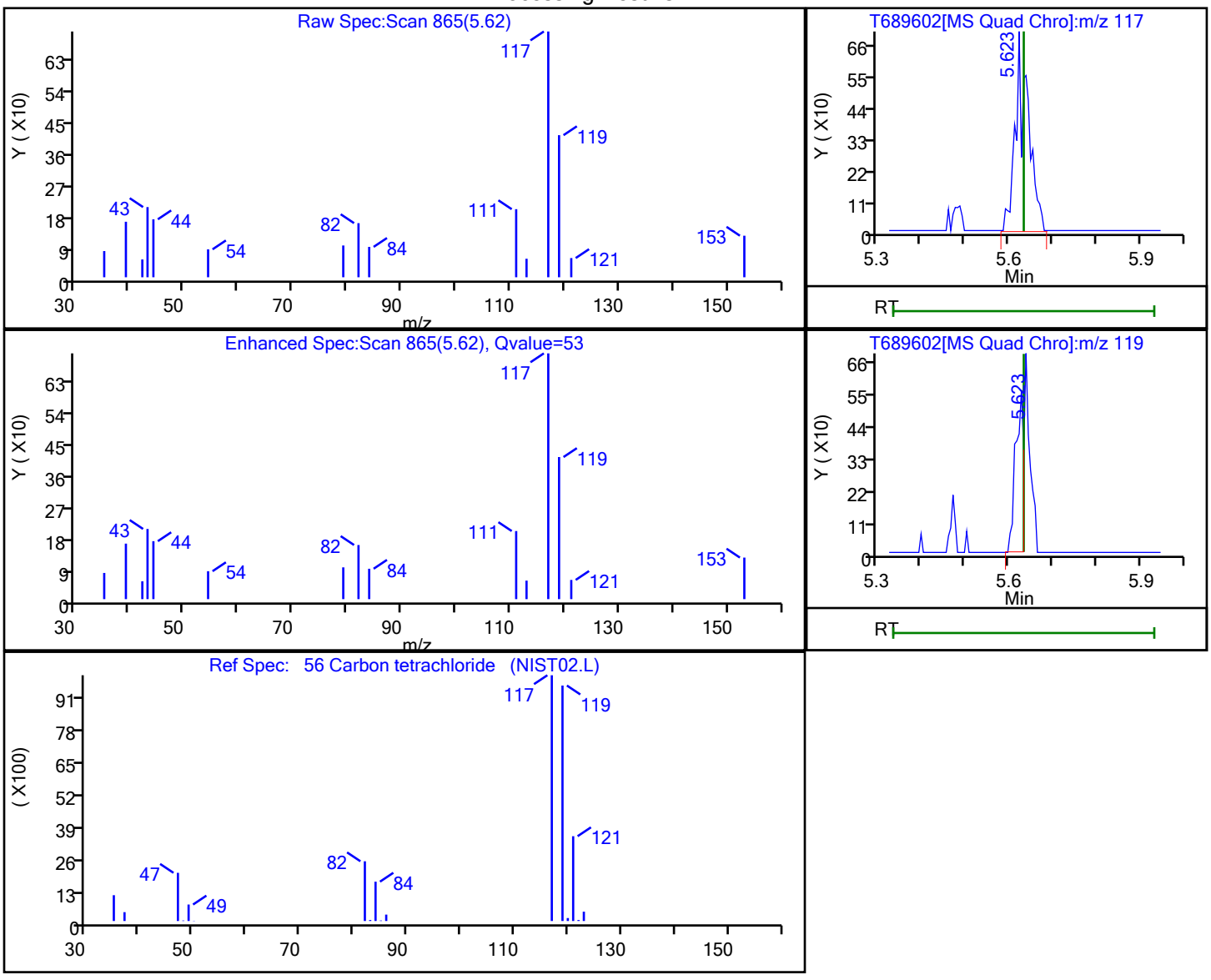
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
5.62	117.00	1449	0.231030
5.62	119.00	703	

Reviewer: FK2C, 19-Apr-2025 09:14:33 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

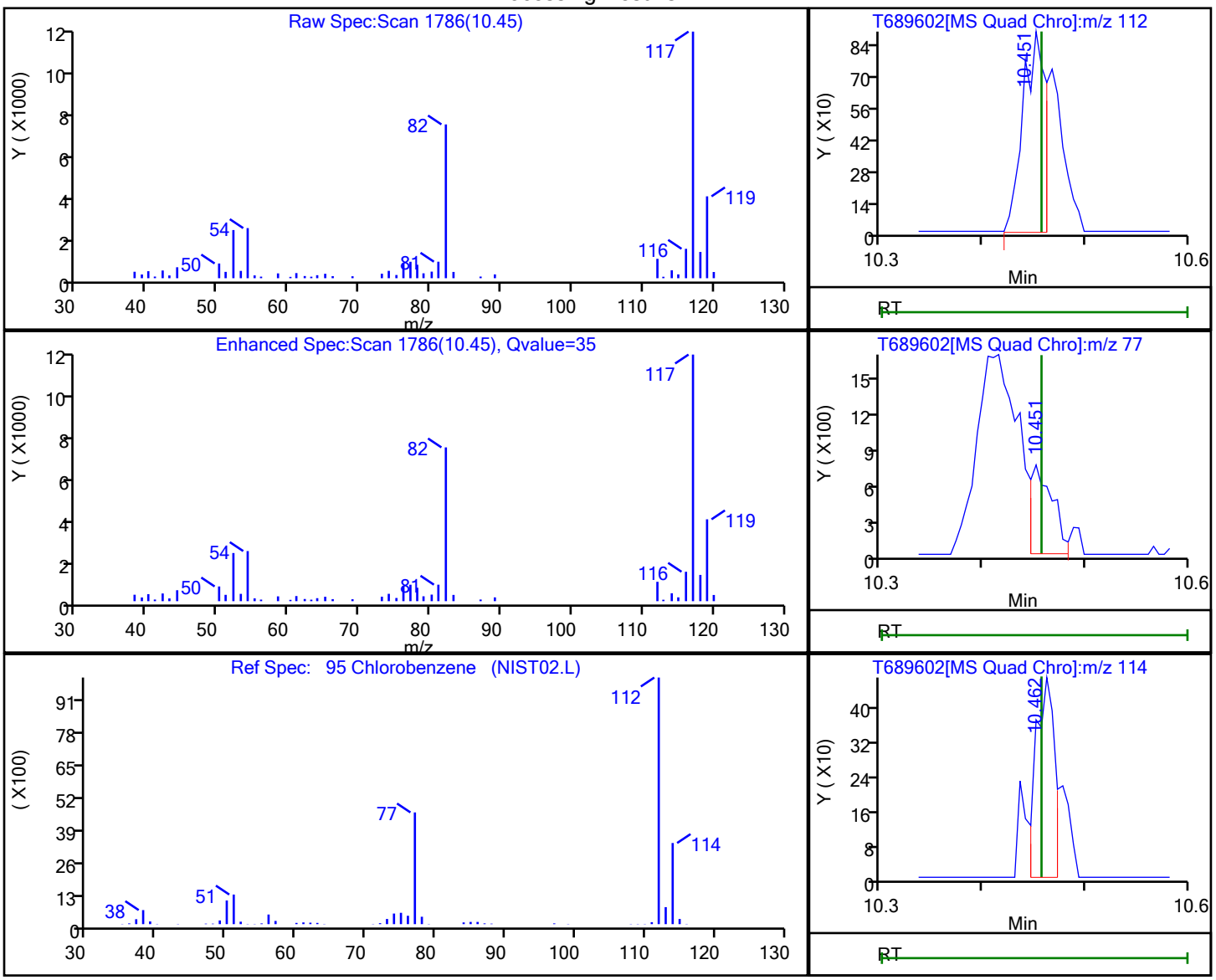
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
10.45	112.00	1361	0.133420
10.45	77.00	1165	
10.46	114.00	593	

Reviewer: FK2C, 19-Apr-2025 09:17:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

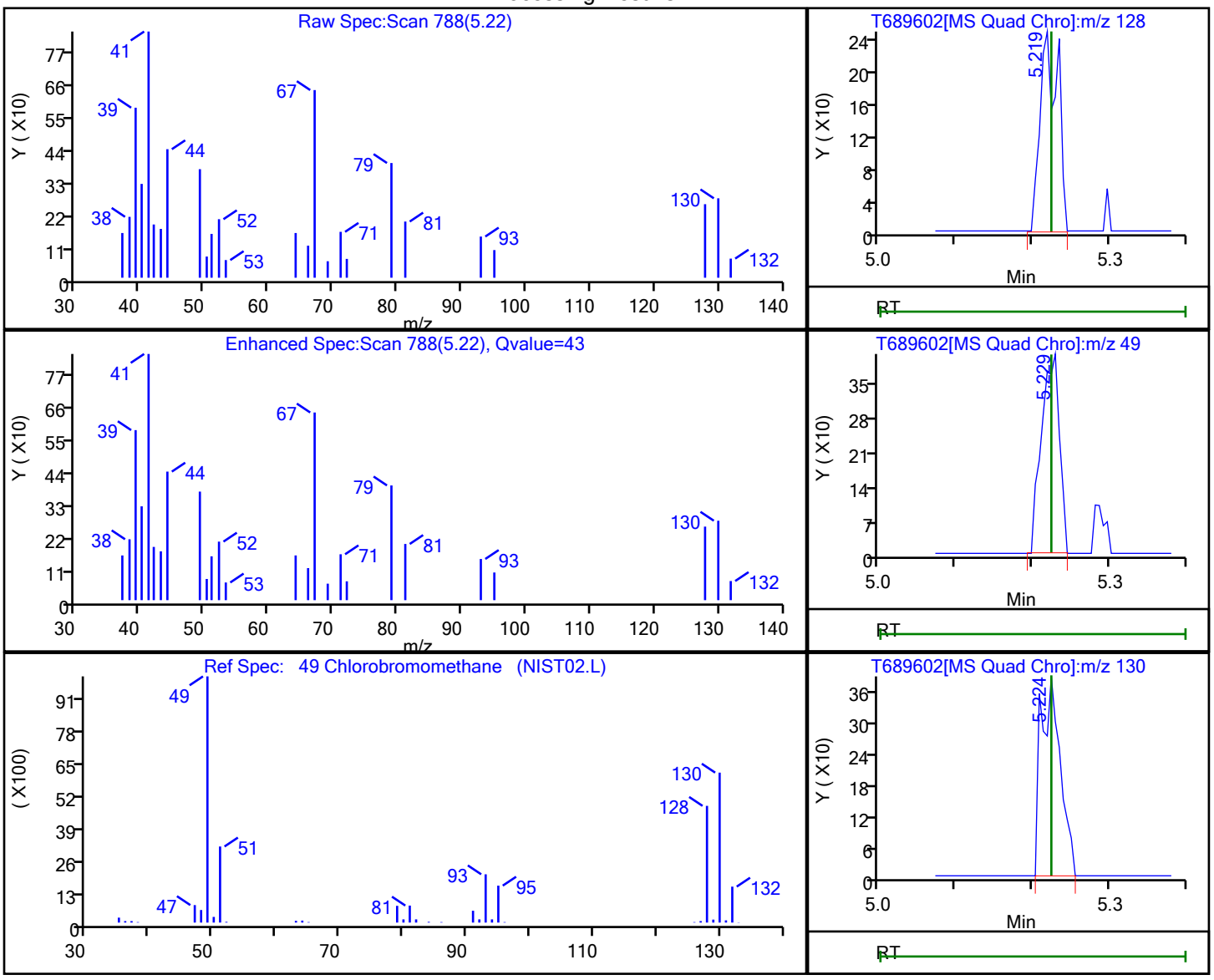
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

49 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
5.22	128.00	404	0.214365
5.23	49.00	665	
5.22	130.00	680	

Reviewer: FK2C, 19-Apr-2025 09:14:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

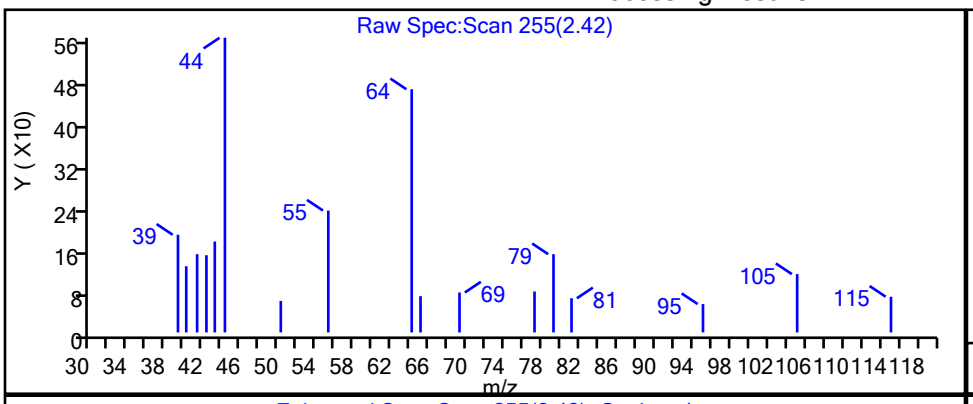
User Disabled Compound Report

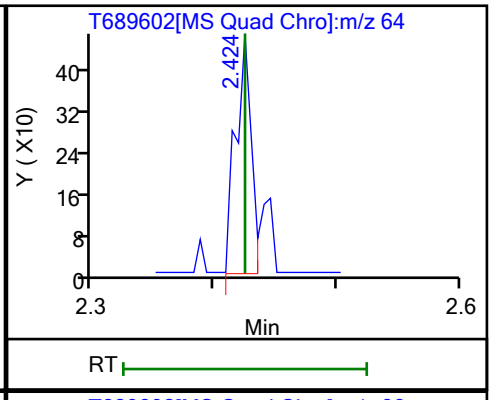
Eurofins Edison

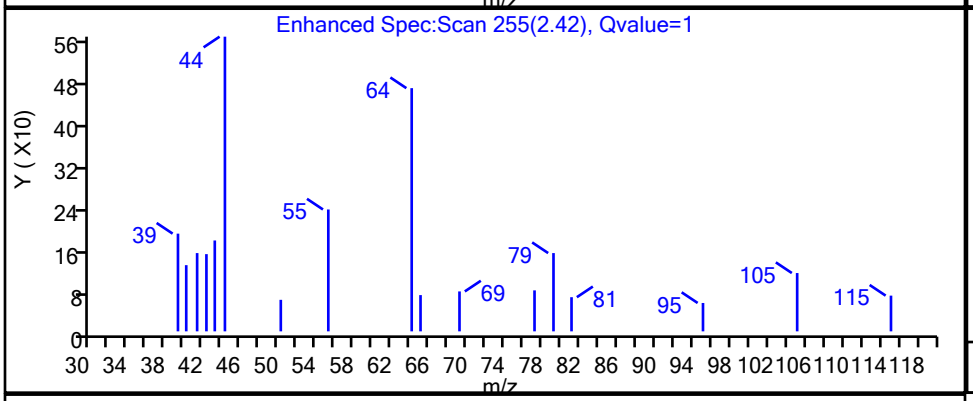
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

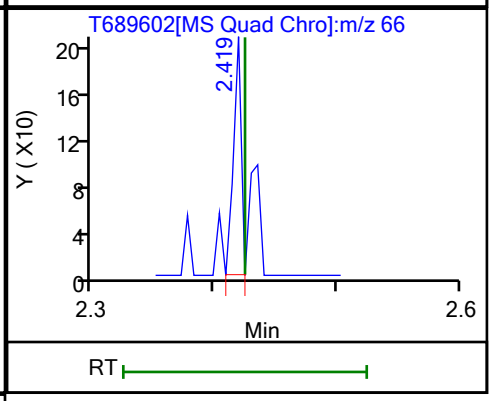
10 Chloroethane, CAS: 75-00-3

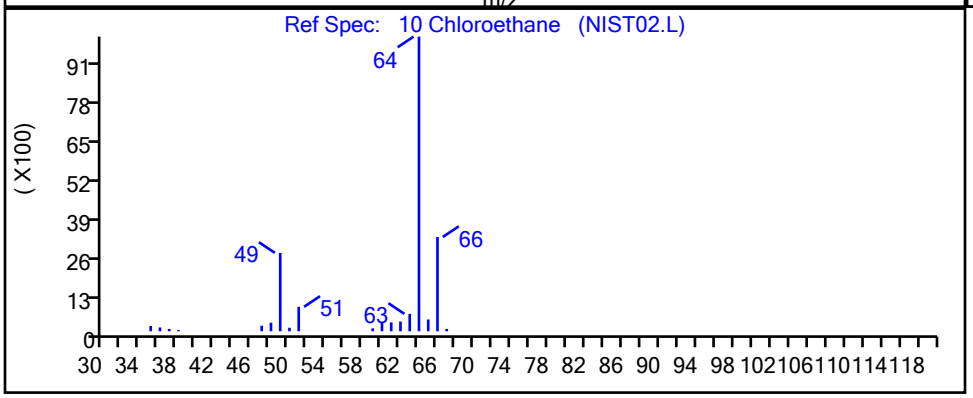
Processing Results











RT	Mass	Response	Amount
2.42	64.00	414	0.194069
2.42	66.00	88	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

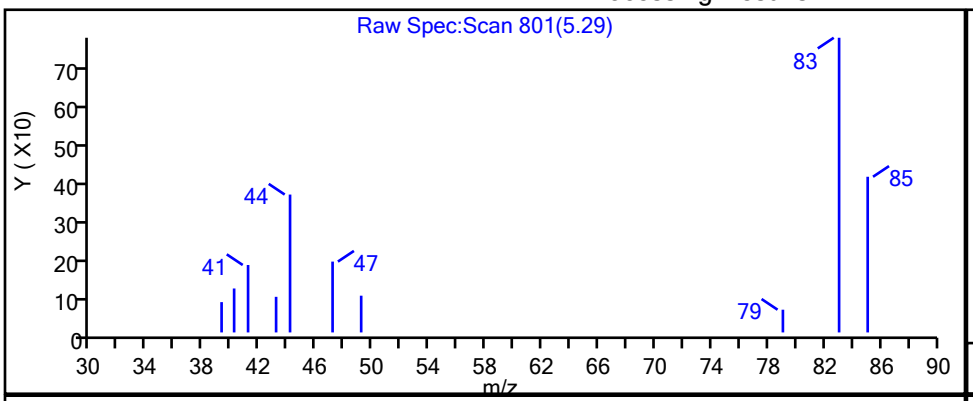
User Disabled Compound Report

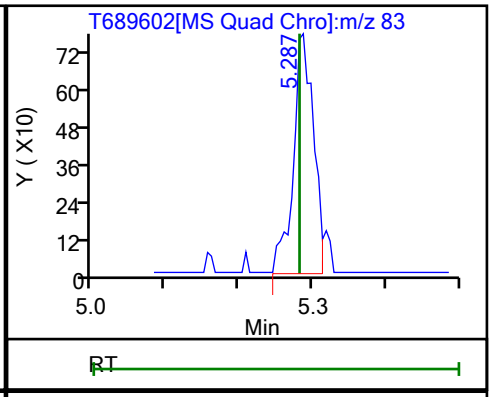
Eurofins Edison

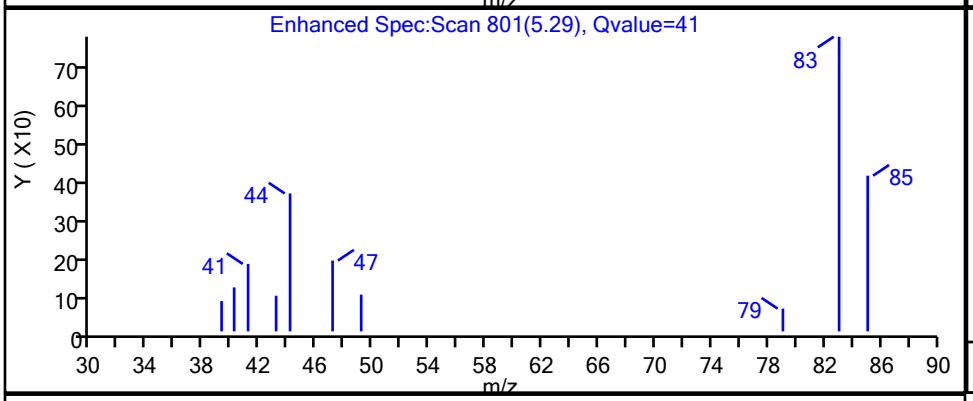
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

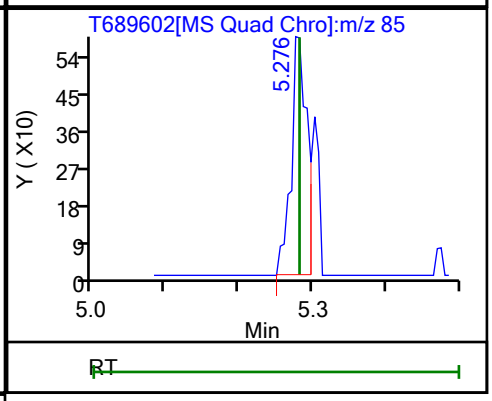
52 Chloroform, CAS: 67-66-3

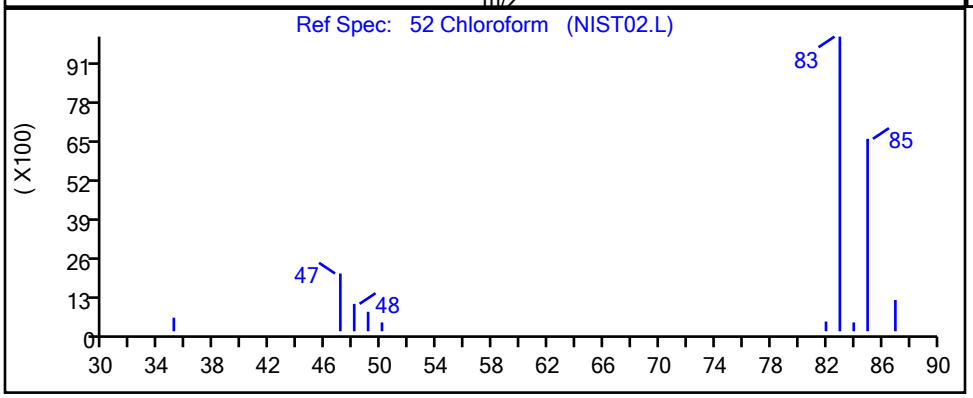
Processing Results











RT	Mass	Response	Amount
5.29	83.00	1491	0.202566
5.28	85.00	881	

Reviewer: FK2C, 19-Apr-2025 09:14:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

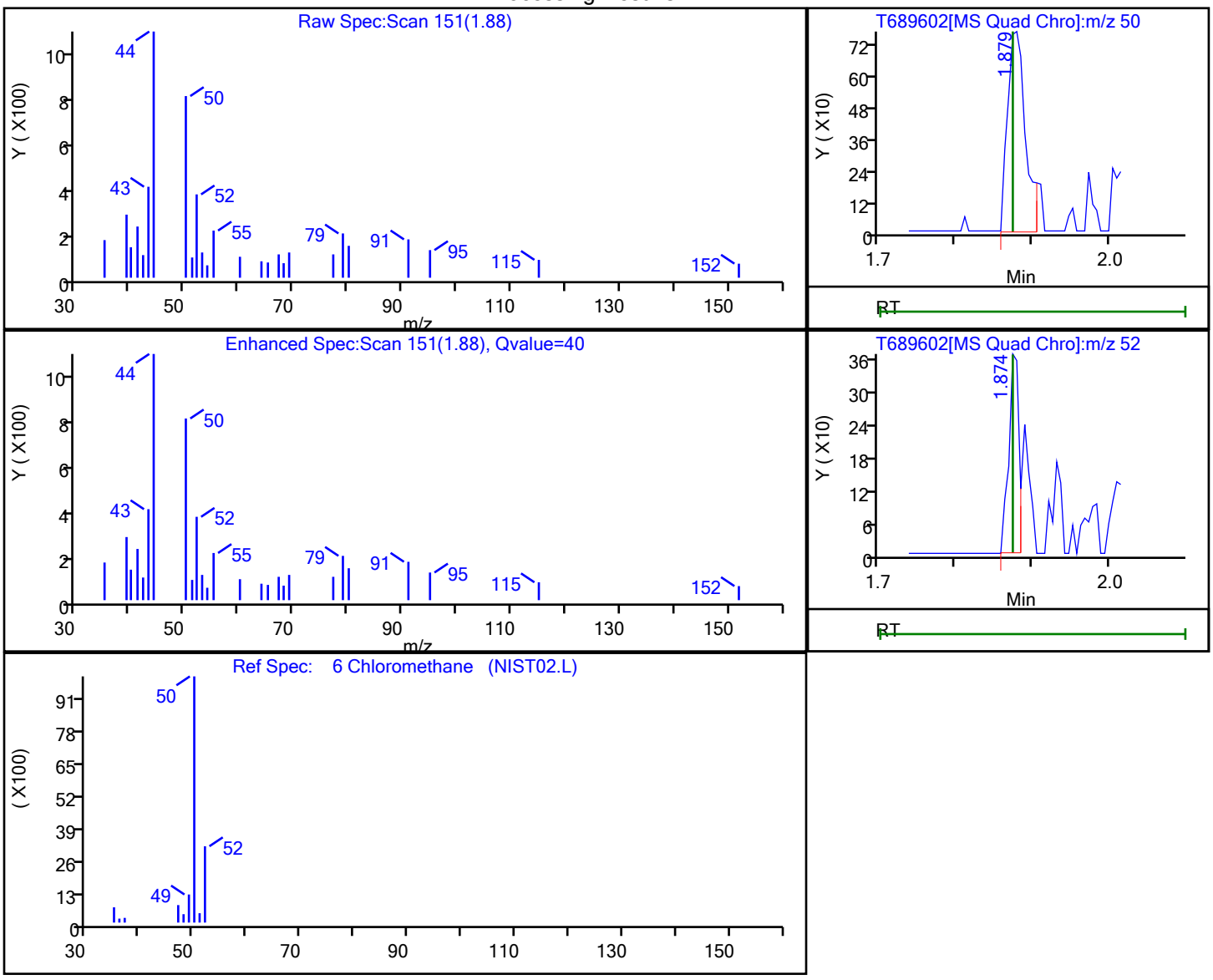
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.88	50.00	1251	0.288716
1.87	52.00	341	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

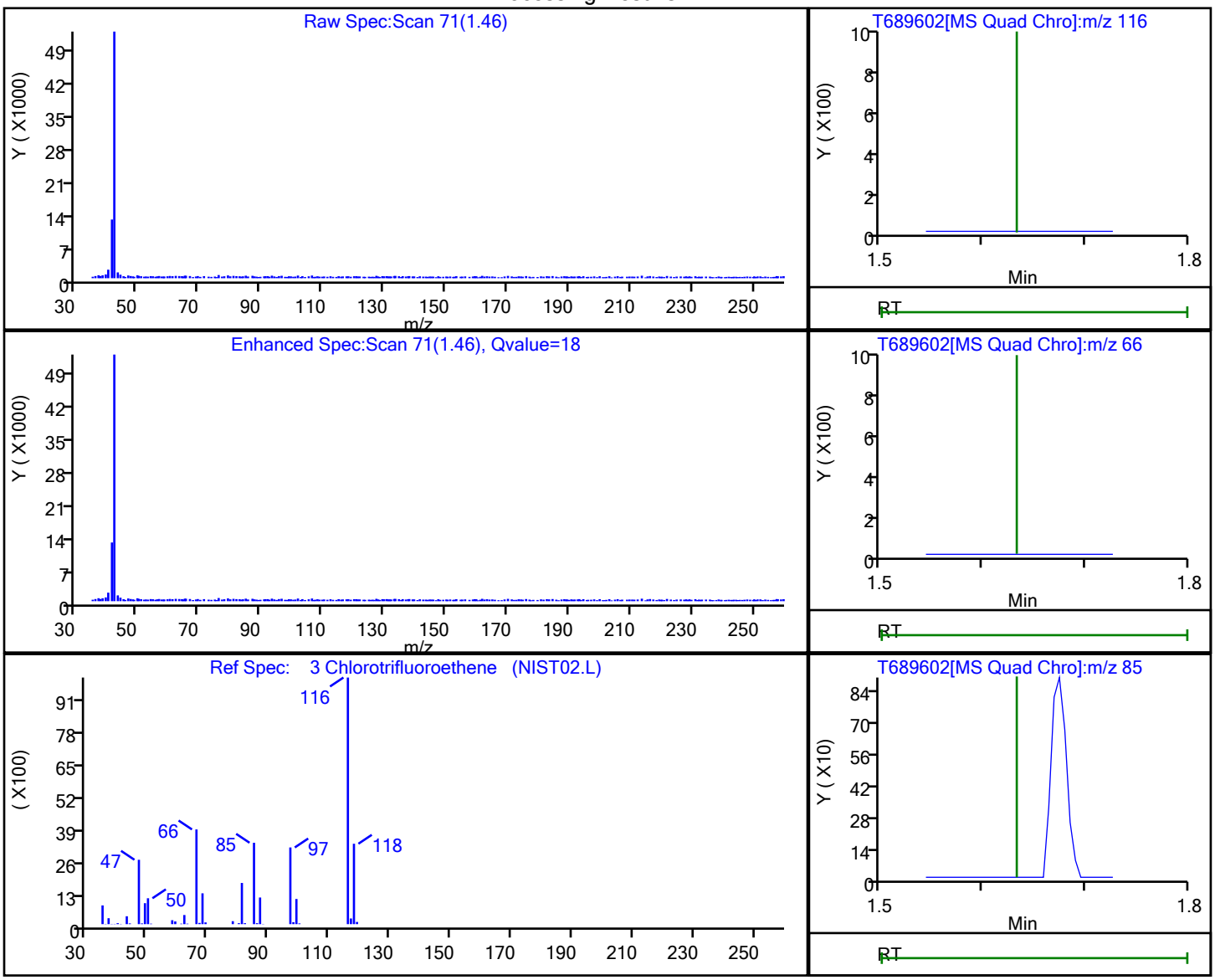
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.46	116.00	678	0.830583
1.46	66.00	148	
1.46	85.00	757	
1.45	118.00	607	

Reviewer: FK2C, 19-Apr-2025 09:20:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

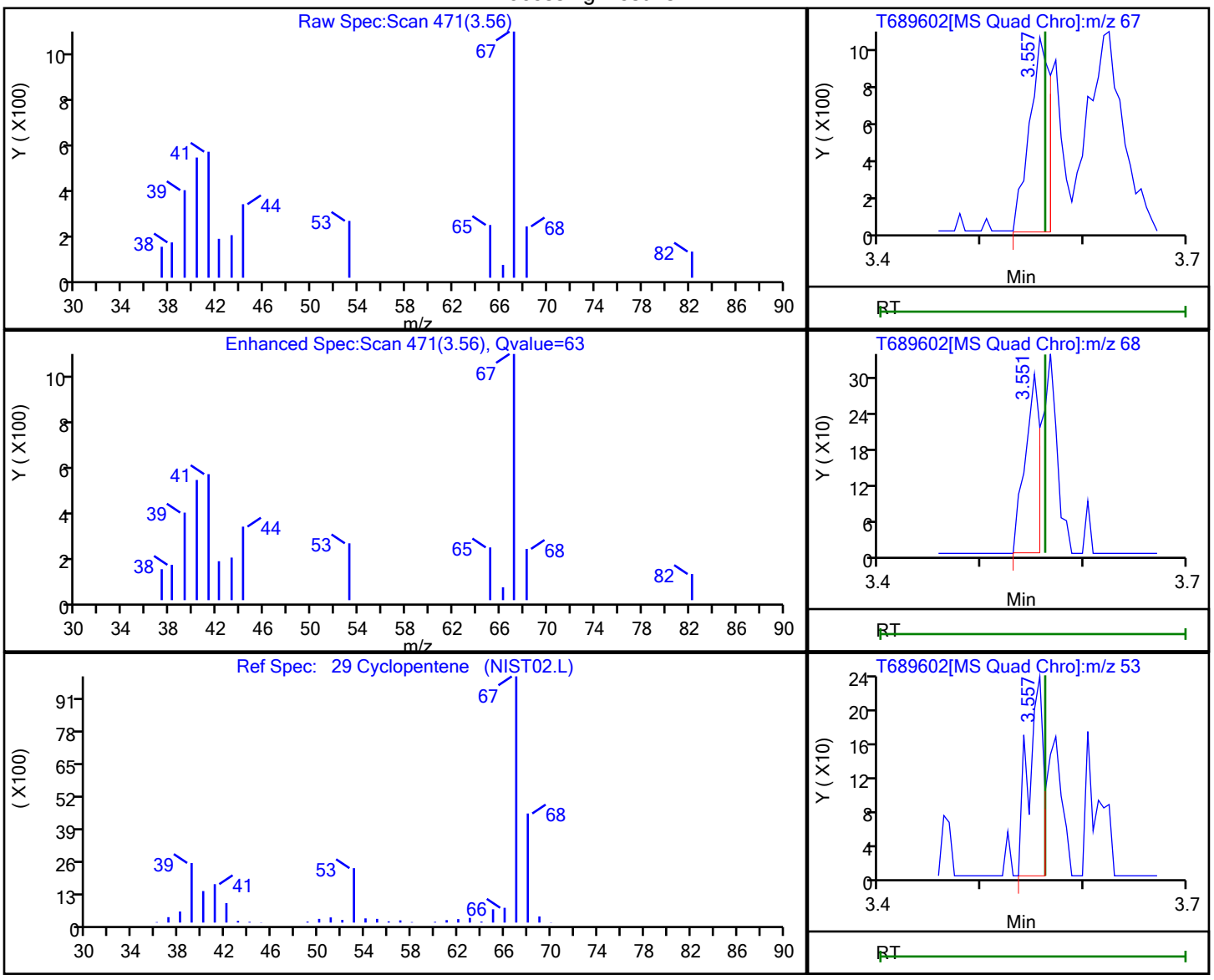
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
3.56	67.00	1412	0.160515
3.55	68.00	304	
3.56	53.00	242	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

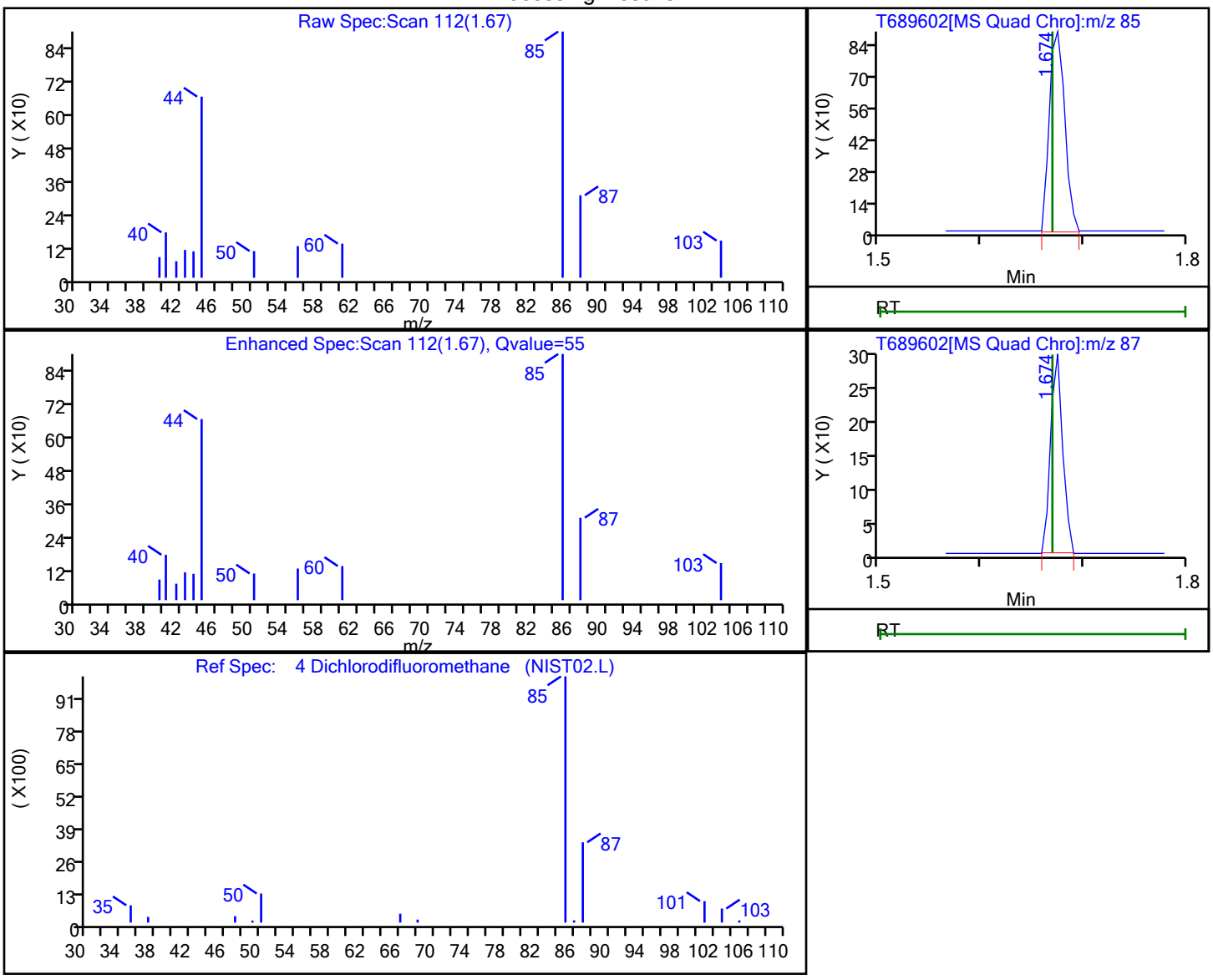
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.67	85.00	944	0.190088
1.67	87.00	249	

Reviewer: FK2C, 19-Apr-2025 09:20:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

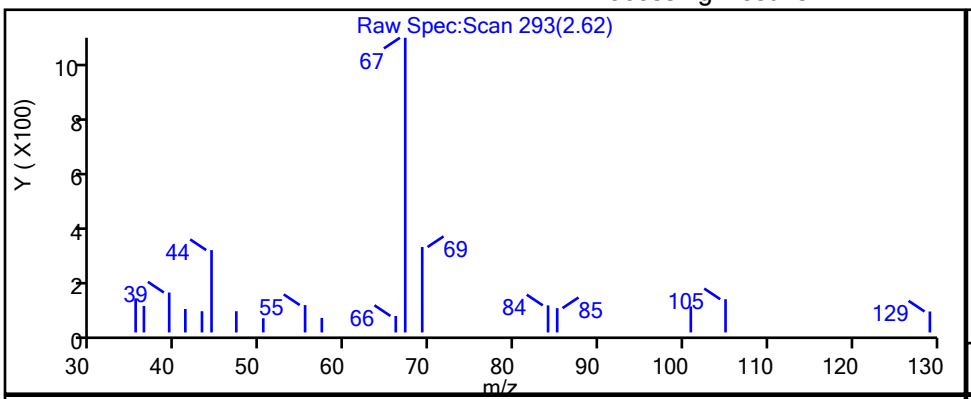
User Disabled Compound Report

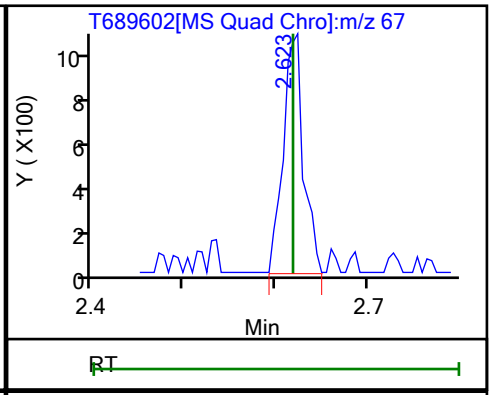
Eurofins Edison

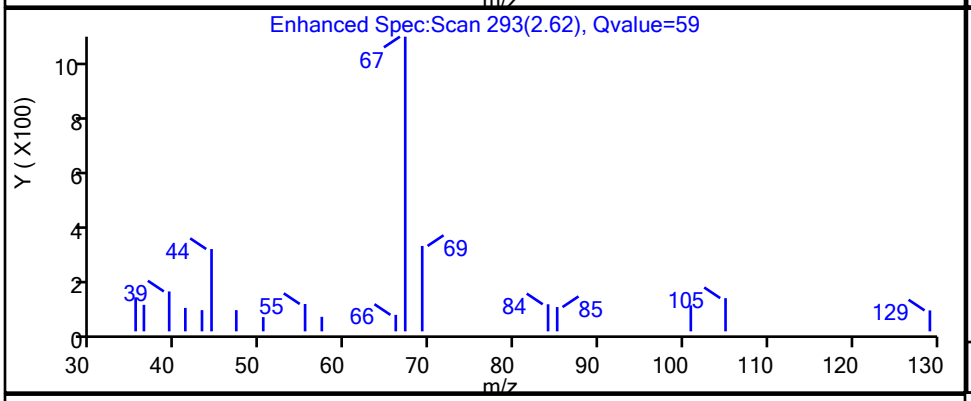
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

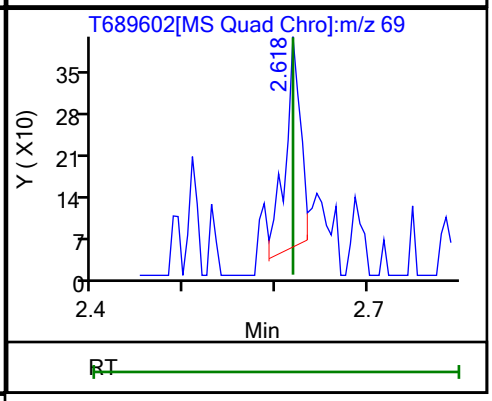
11 Dichlorofluoromethane, CAS: 75-43-4

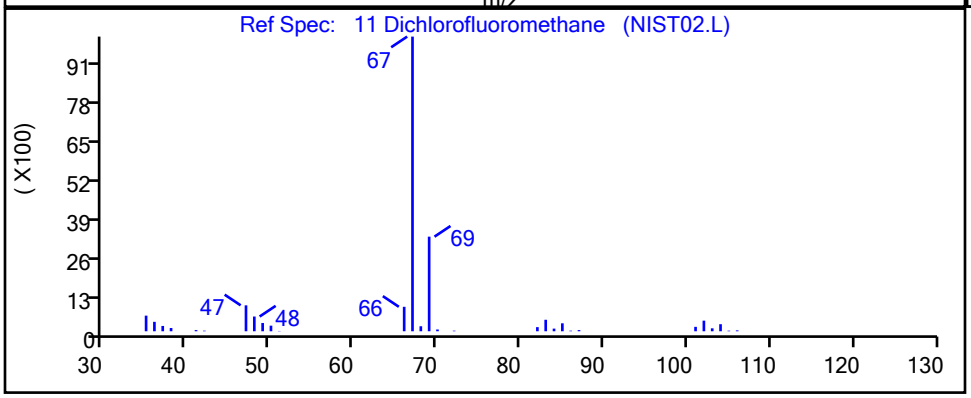
Processing Results











RT	Mass	Response	Amount
2.62	67.00	1609	0.226926
2.62	69.00	417	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

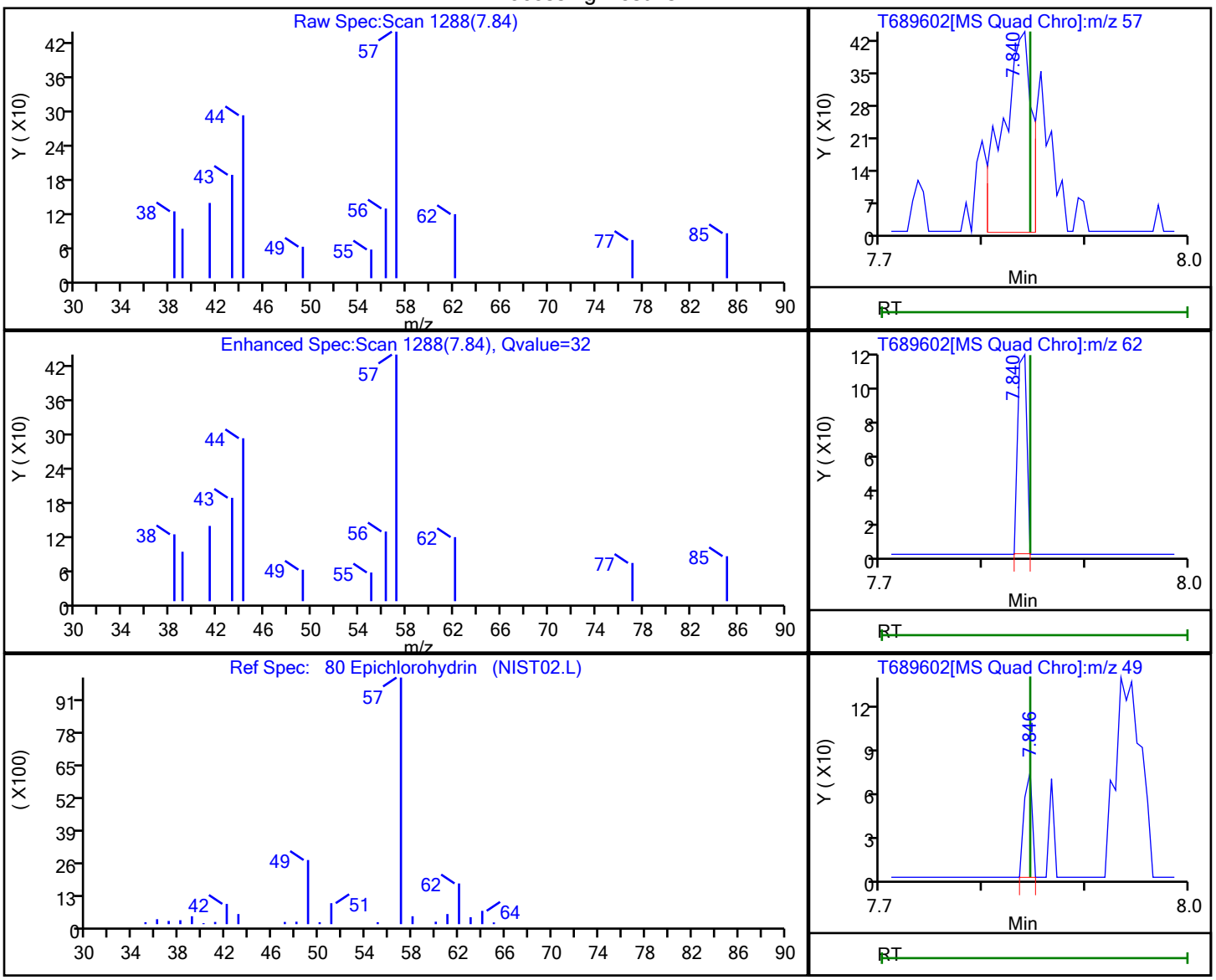
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Processing Results



RT	Mass	Response	Amount
7.84	57.00	872	2.102945
7.84	62.00	70	
7.85	49.00	41	

Reviewer: FK2C, 19-Apr-2025 09:17:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

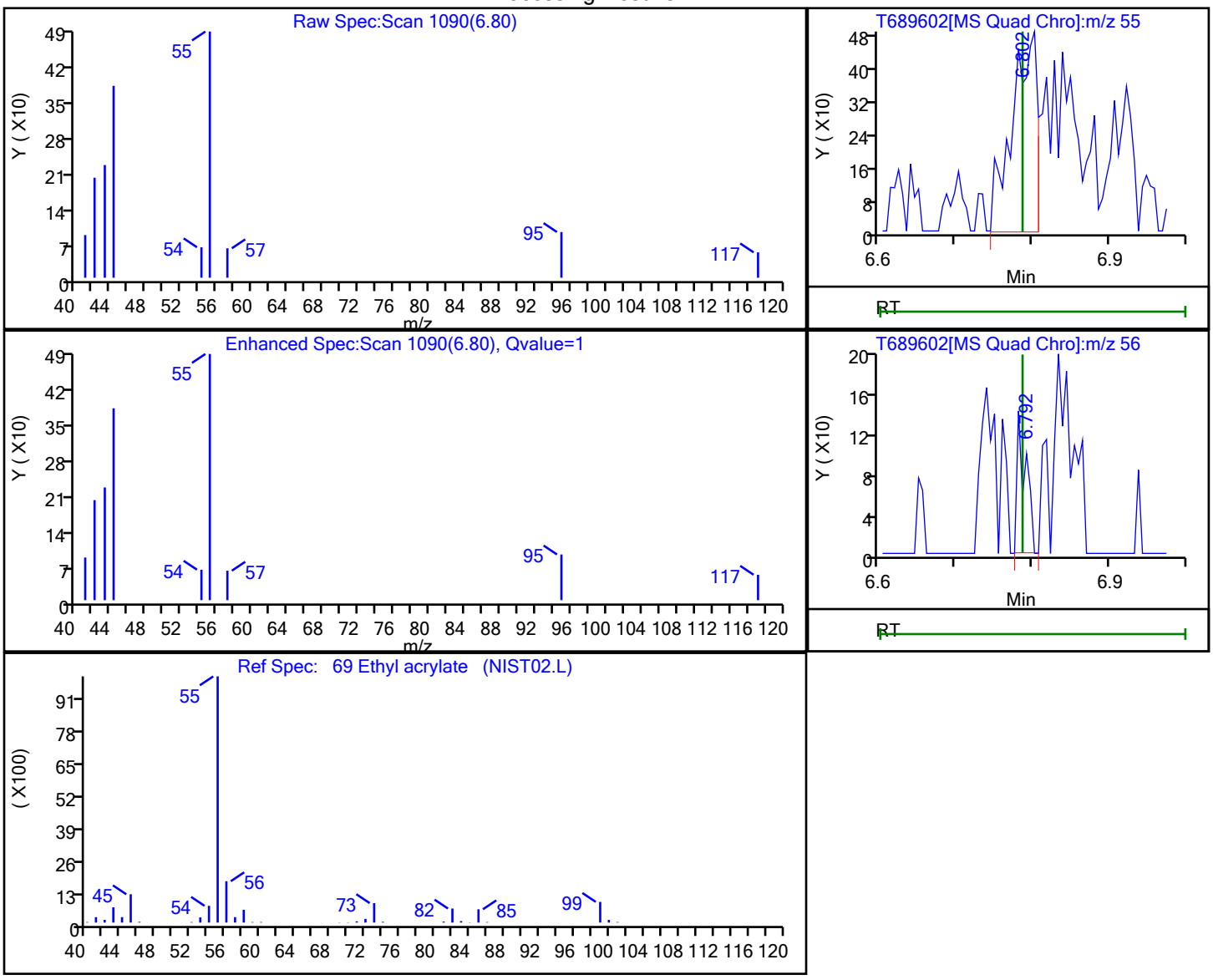
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
6.80	55.00	1106	0.275368
6.79	56.00	112	

Reviewer: FK2C, 19-Apr-2025 09:16:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

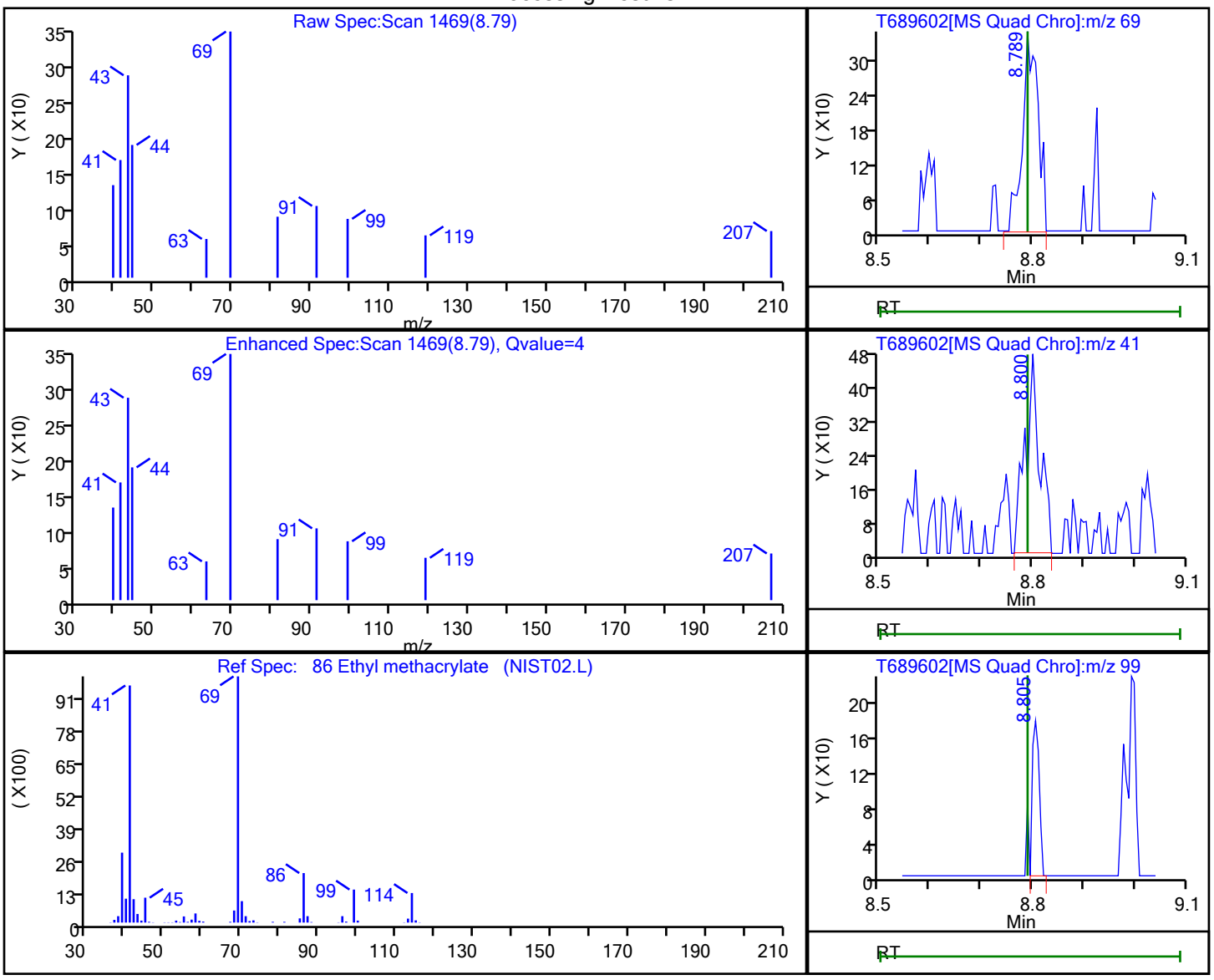
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
8.79	69.00	726	0.170929
8.80	41.00	953	
8.81	99.00	163	

Reviewer: FK2C, 19-Apr-2025 09:17:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

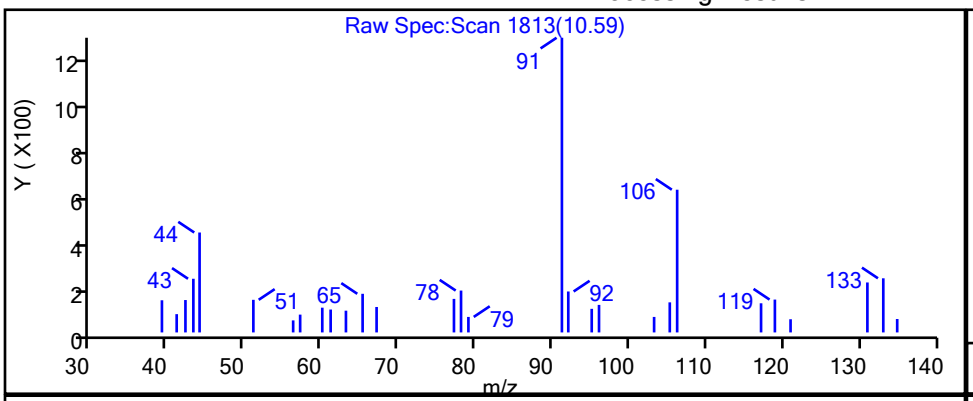
User Disabled Compound Report

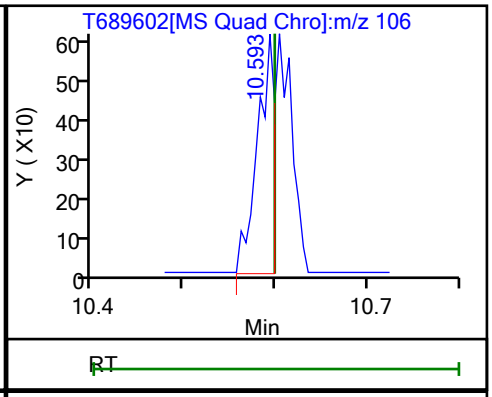
Eurofins Edison

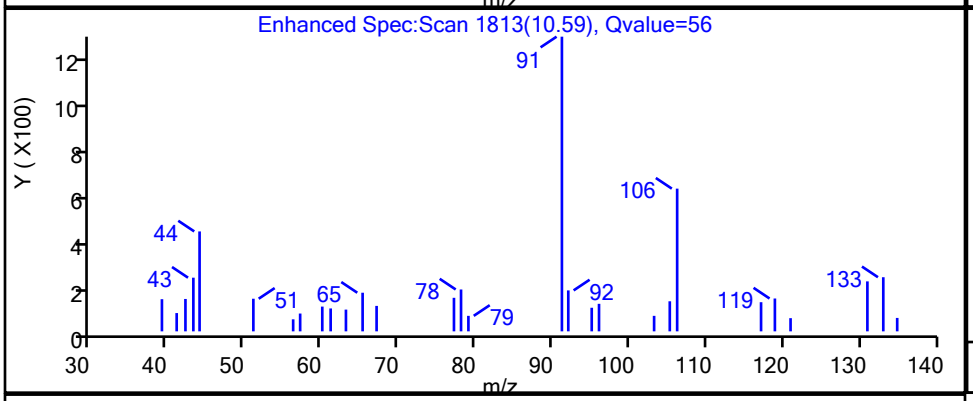
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

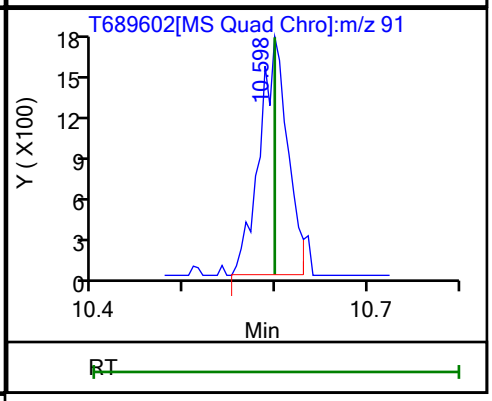
97 Ethylbenzene, CAS: 100-41-4

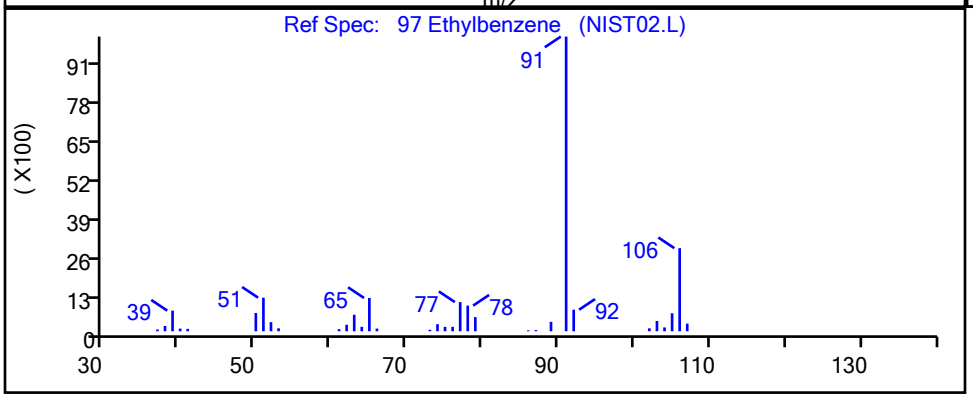
Processing Results











RT	Mass	Response	Amount
10.59	106.00	799	0.139246
10.60	91.00	3834	

Reviewer: FK2C, 19-Apr-2025 09:17:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

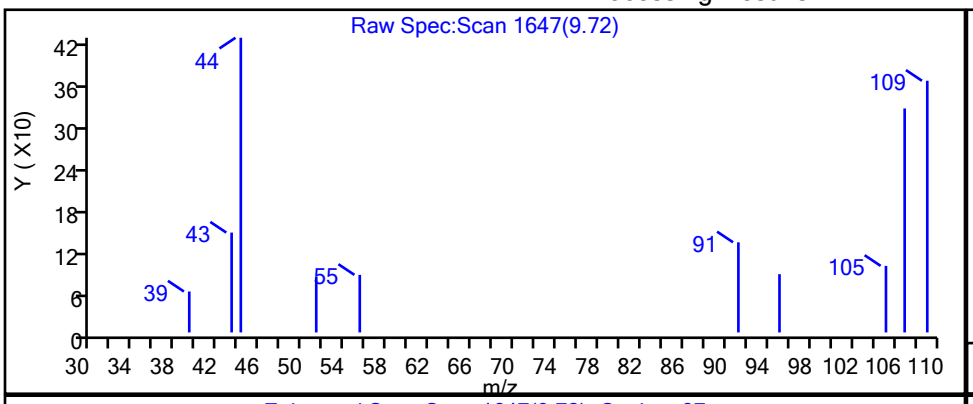
User Disabled Compound Report

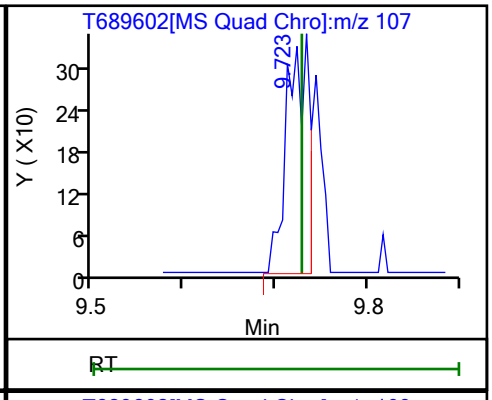
Eurofins Edison

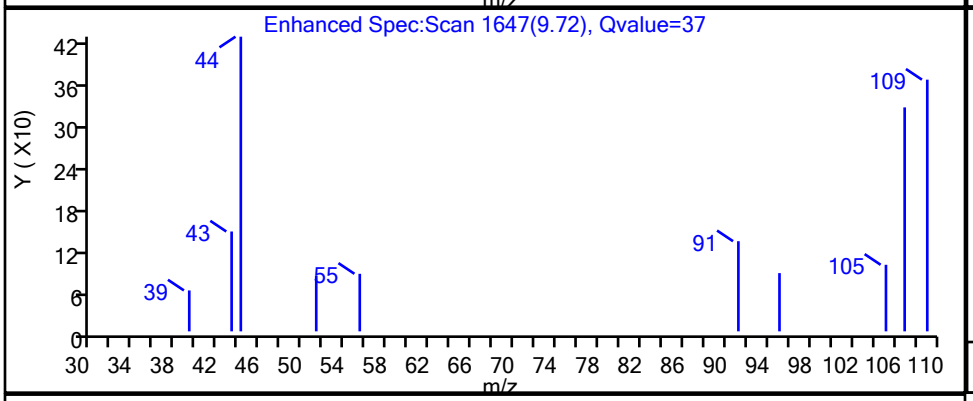
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

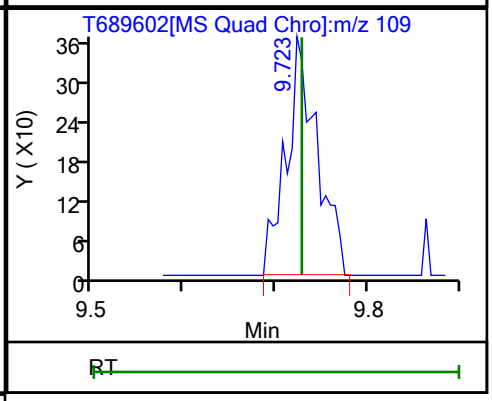
92 Ethylene Dibromide, CAS: 106-93-4

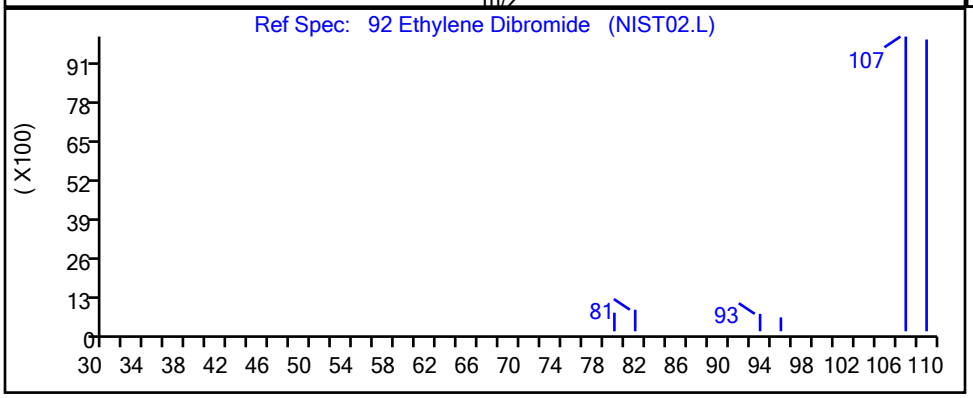
Processing Results











RT	Mass	Response	Amount
9.72	107.00	571	0.168976
9.72	109.00	850	

Reviewer: FK2C, 19-Apr-2025 09:17:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

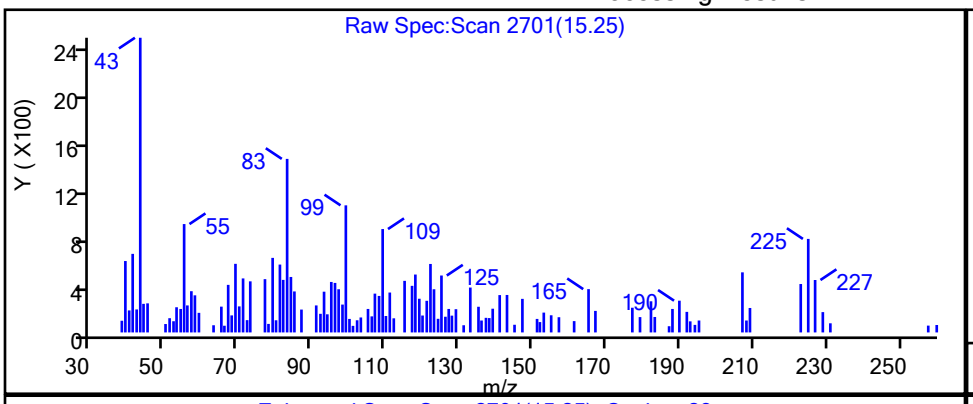
User Disabled Compound Report

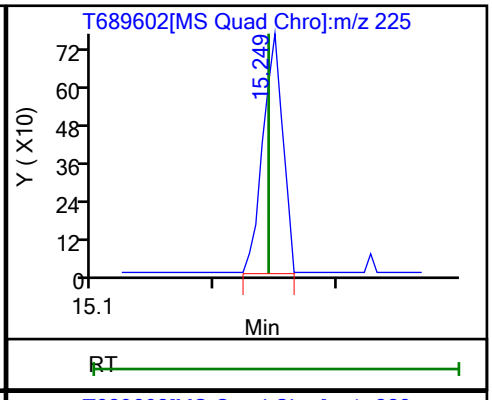
Eurofins Edison

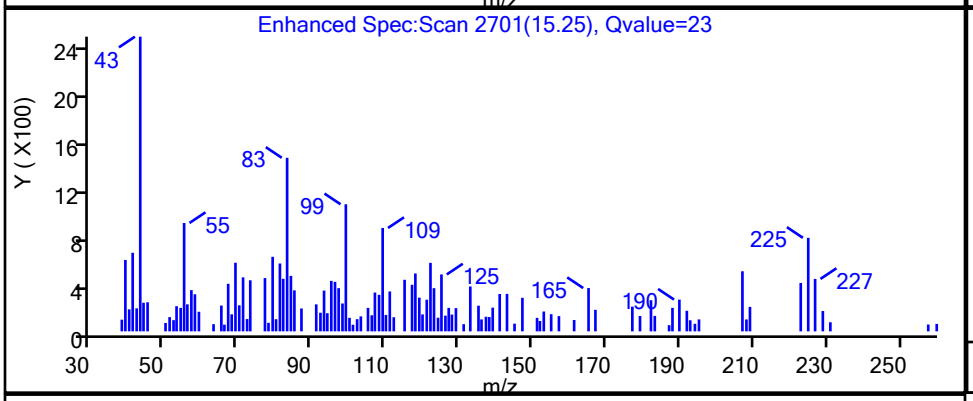
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

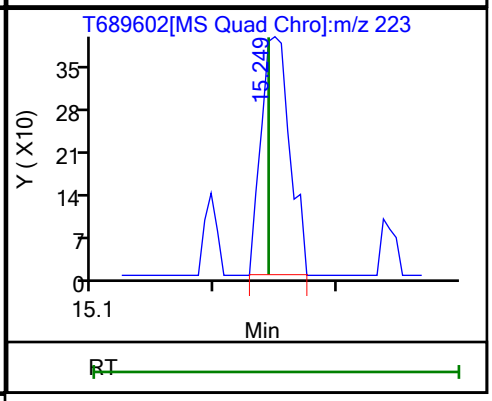
133 Hexachlorobutadiene, CAS: 87-68-3

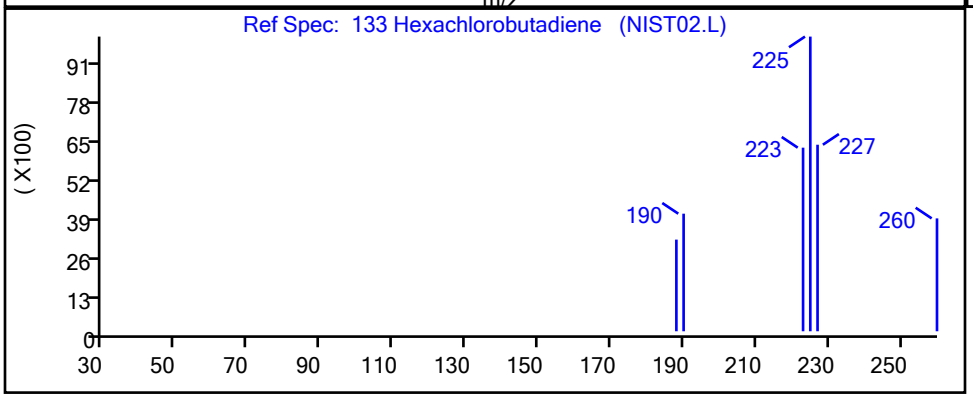
Processing Results











RT	Mass	Response	Amount
15.25	225.00	871	0.344093
15.25	223.00	651	

Reviewer: FK2C, 19-Apr-2025 09:18:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

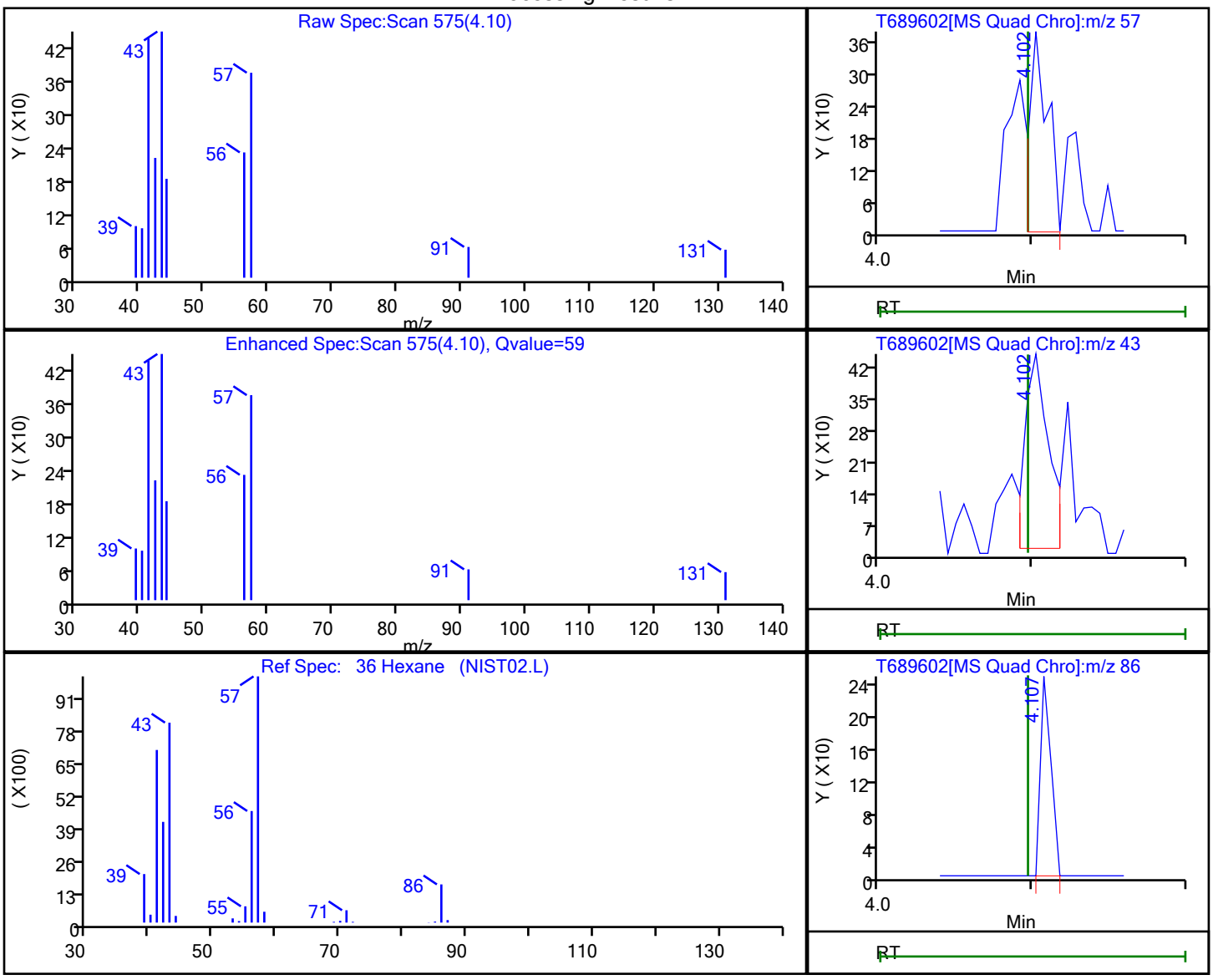
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
4.10	57.00	312	0.077212
4.10	43.00	478	
4.11	86.00	116	
4.11	56.00	155	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

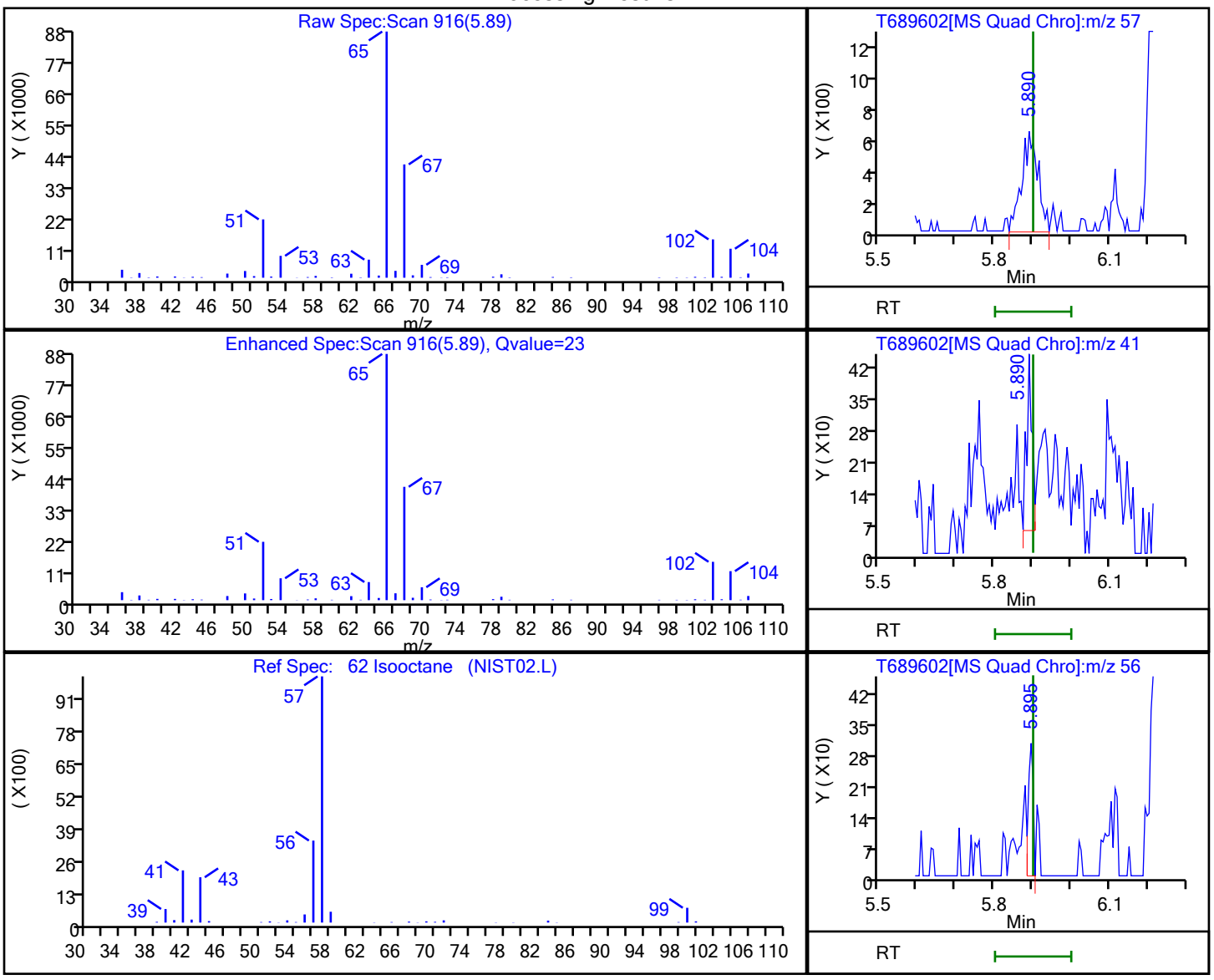
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
5.89	57.00	1871	0.253848
5.89	41.00	393	
5.90	56.00	263	

Reviewer: FK2C, 19-Apr-2025 09:14:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

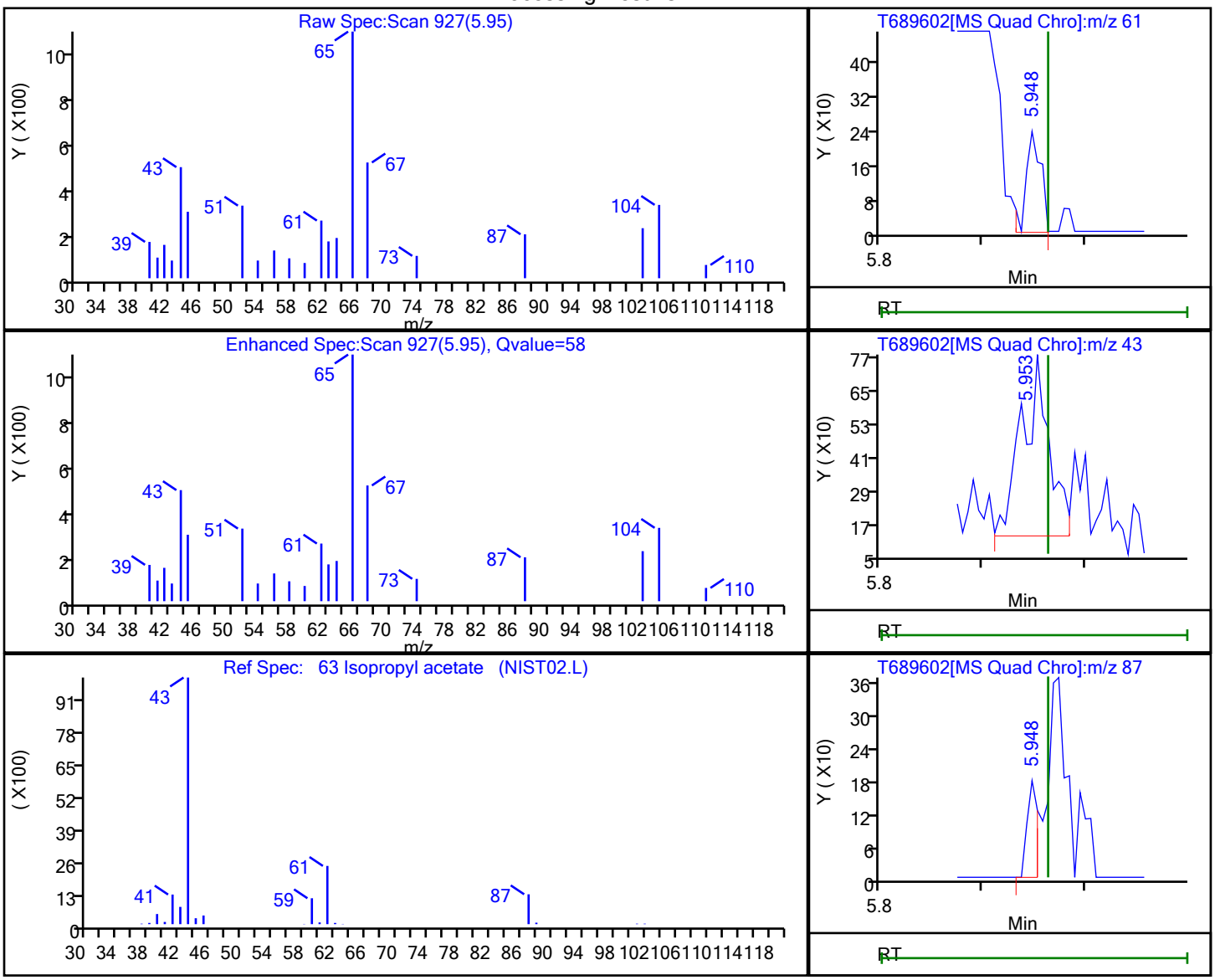
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
5.95	61.00	237	0.102235
5.95	43.00	1207	
5.95	87.00	126	

Reviewer: FK2C, 19-Apr-2025 09:16:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

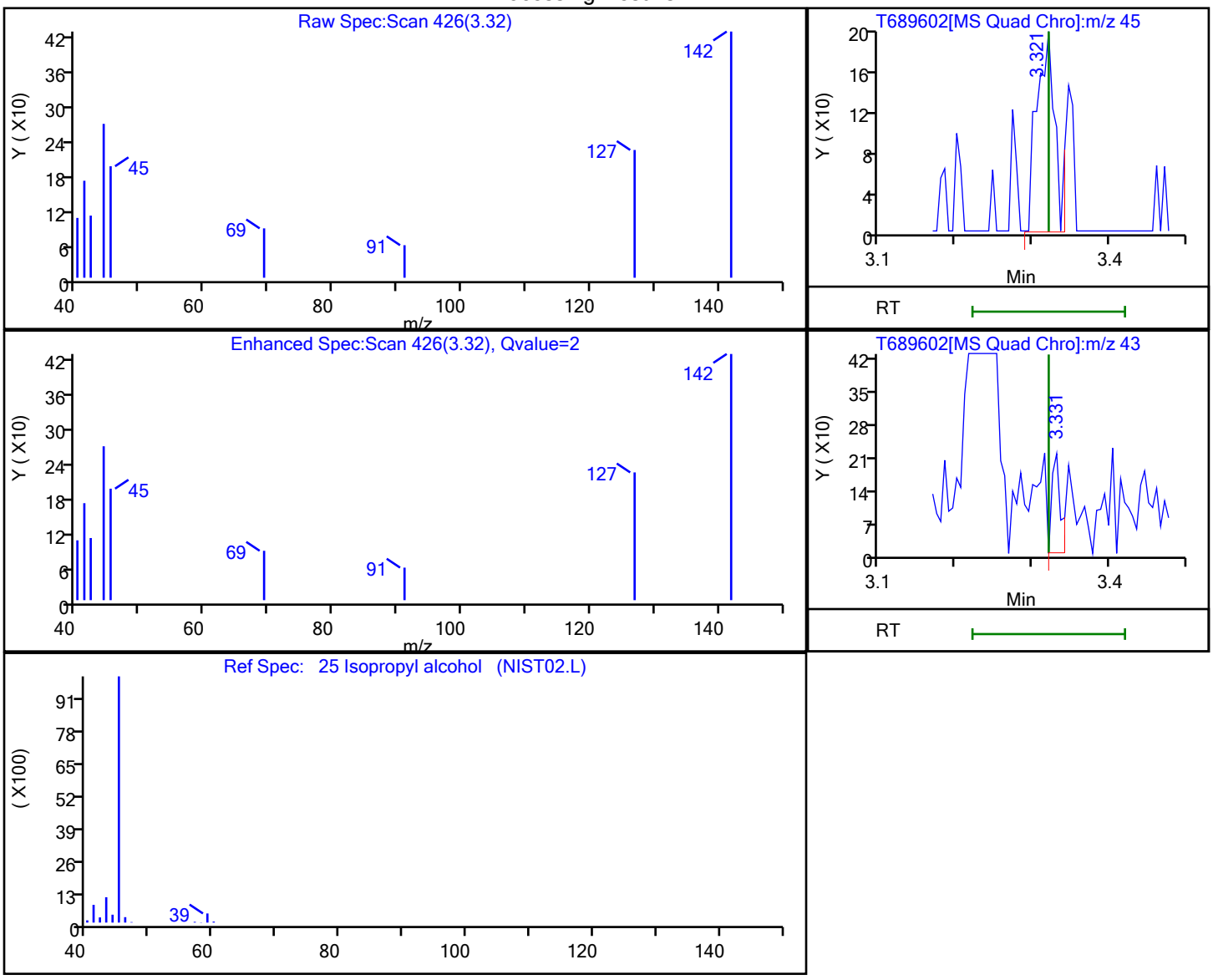
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
3.32	45.00	321	2.033894
3.33	43.00	167	

Reviewer: FK2C, 19-Apr-2025 09:14:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

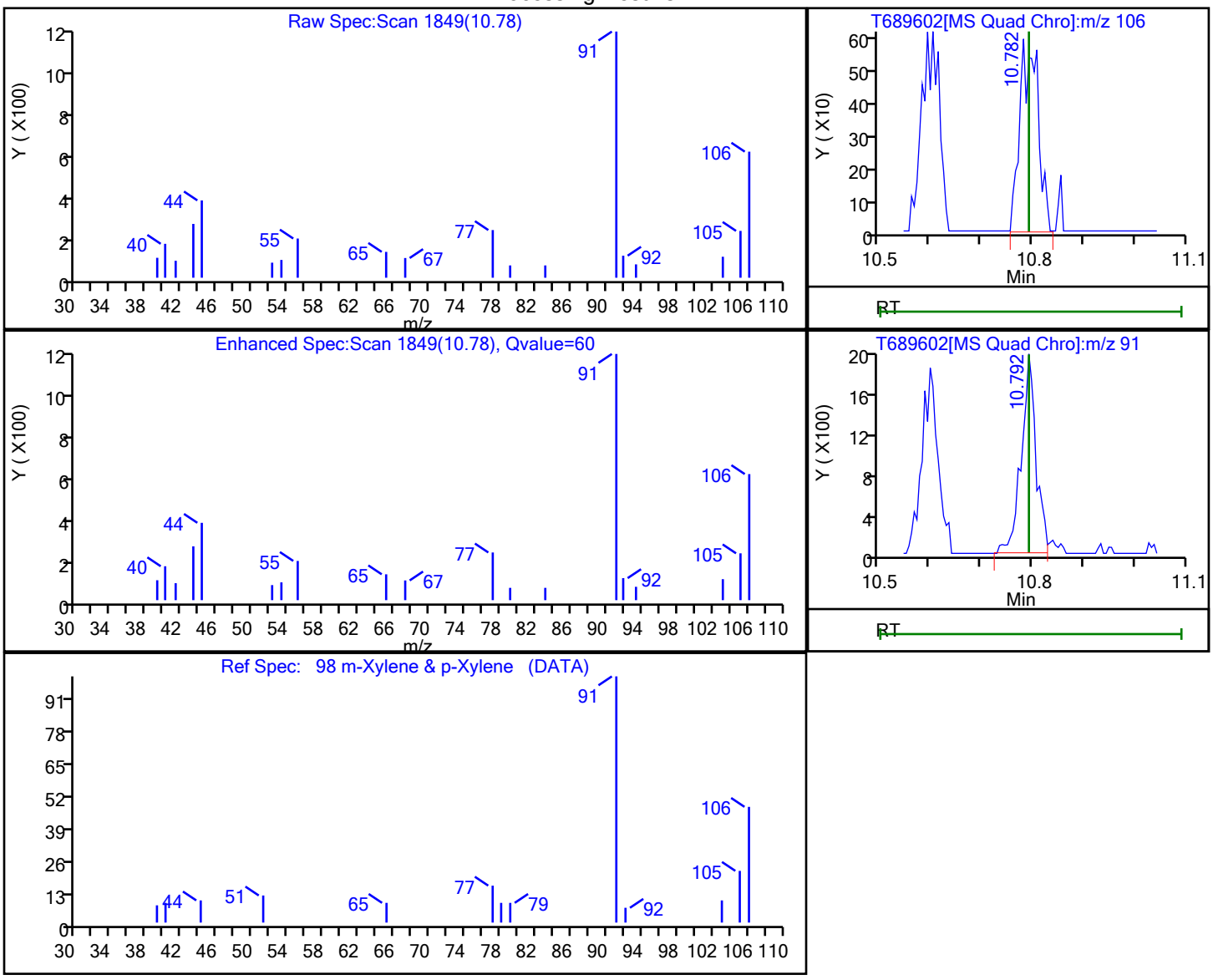
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
10.78	106.00	1484	0.207485
10.79	91.00	3895	

Reviewer: FK2C, 19-Apr-2025 09:17:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

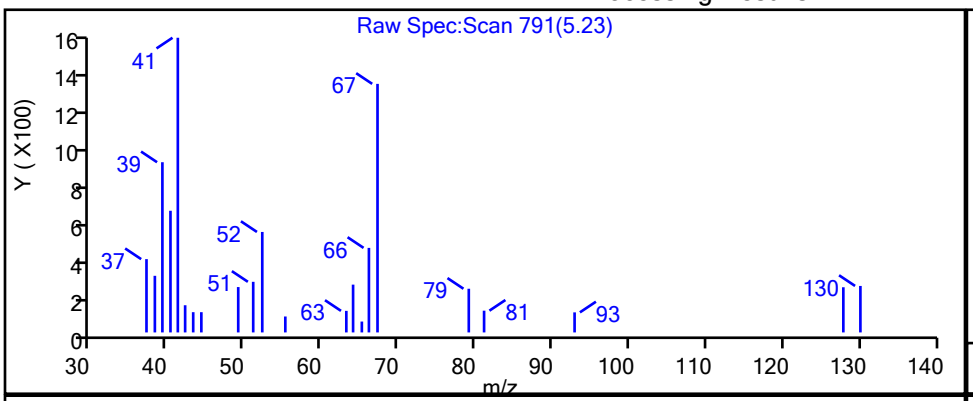
User Disabled Compound Report

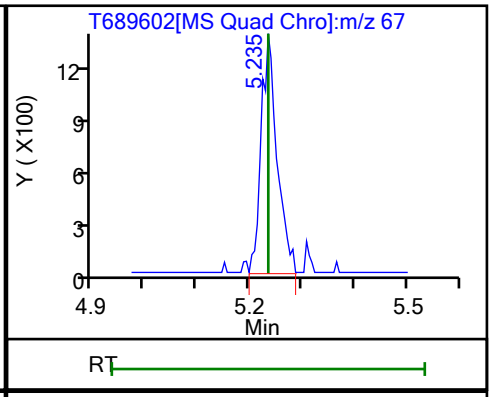
Eurofins Edison

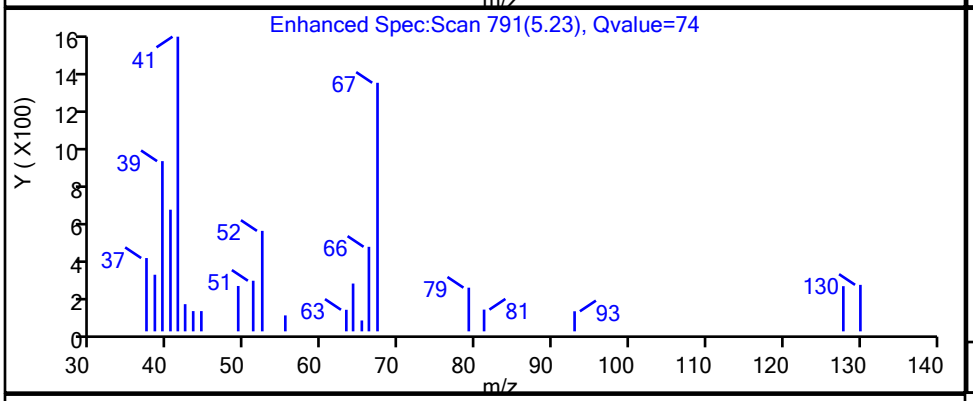
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

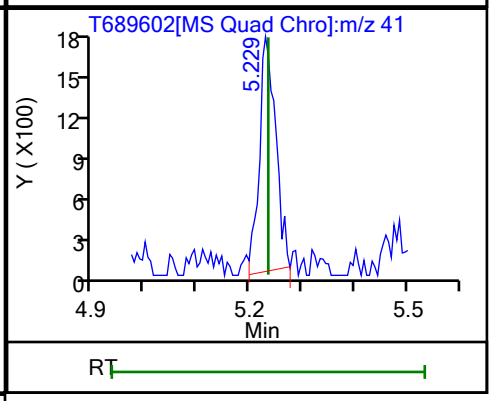
50 Methacrylonitrile, CAS: 126-98-7

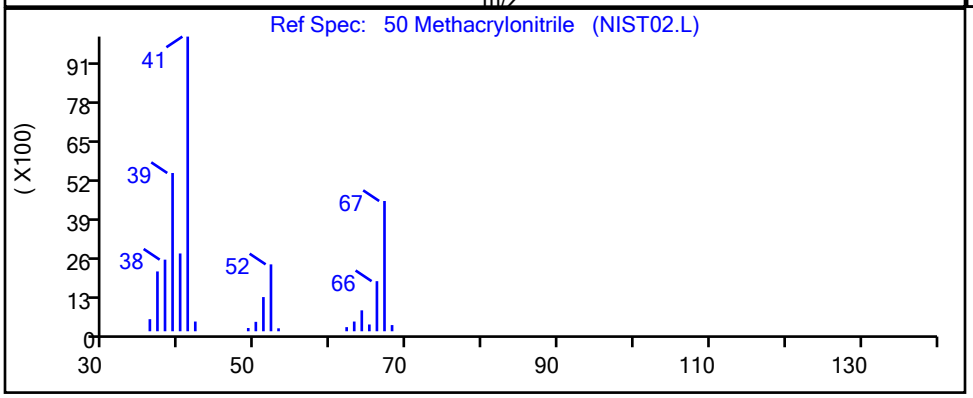
Processing Results











RT	Mass	Response	Amount
5.23	67.00	2788	2.163802
5.23	41.00	3654	

Reviewer: FK2C, 19-Apr-2025 09:14:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

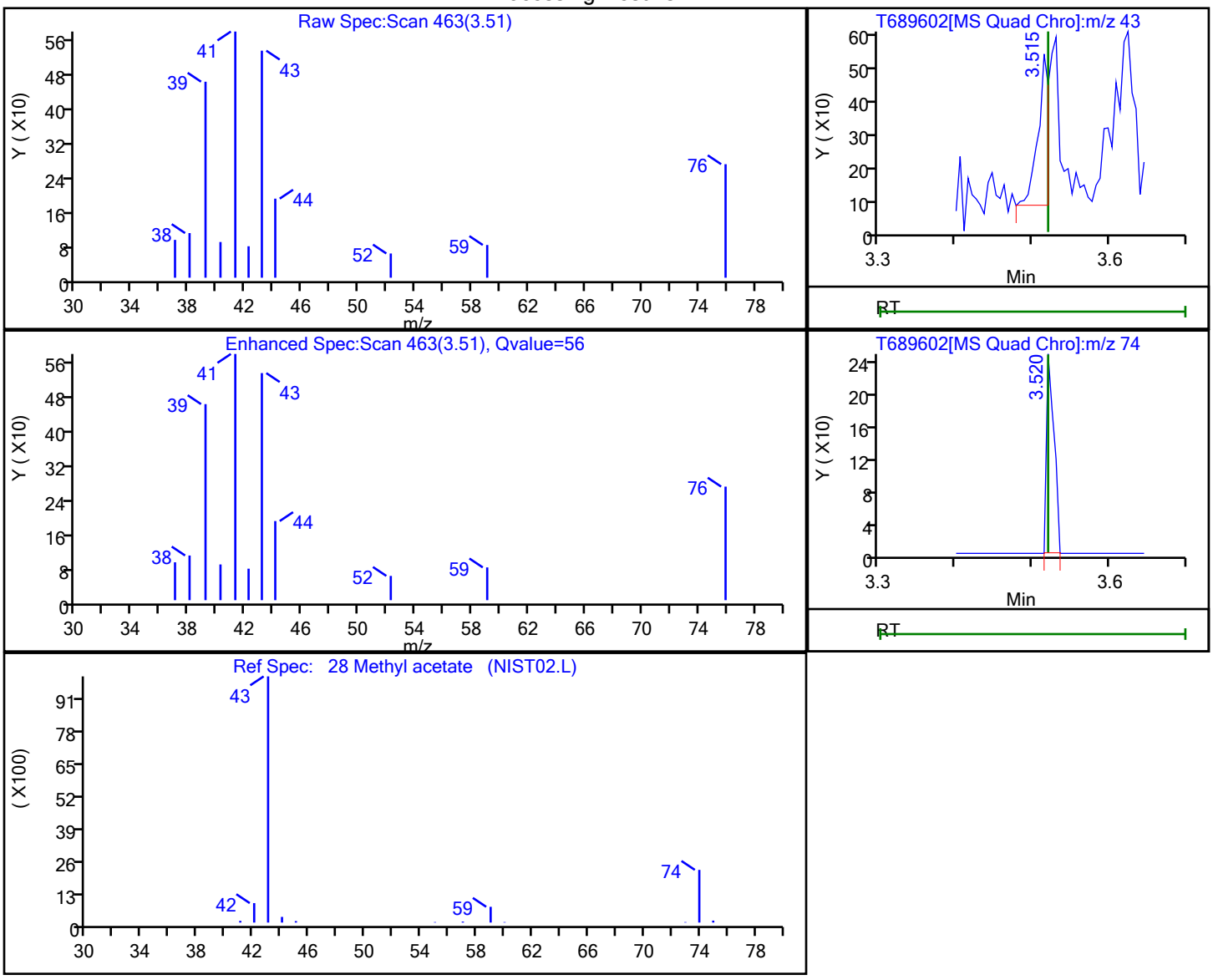
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

28 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.51	43.00	443	0.239054
3.52	74.00	167	

Reviewer: FK2C, 19-Apr-2025 09:14:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

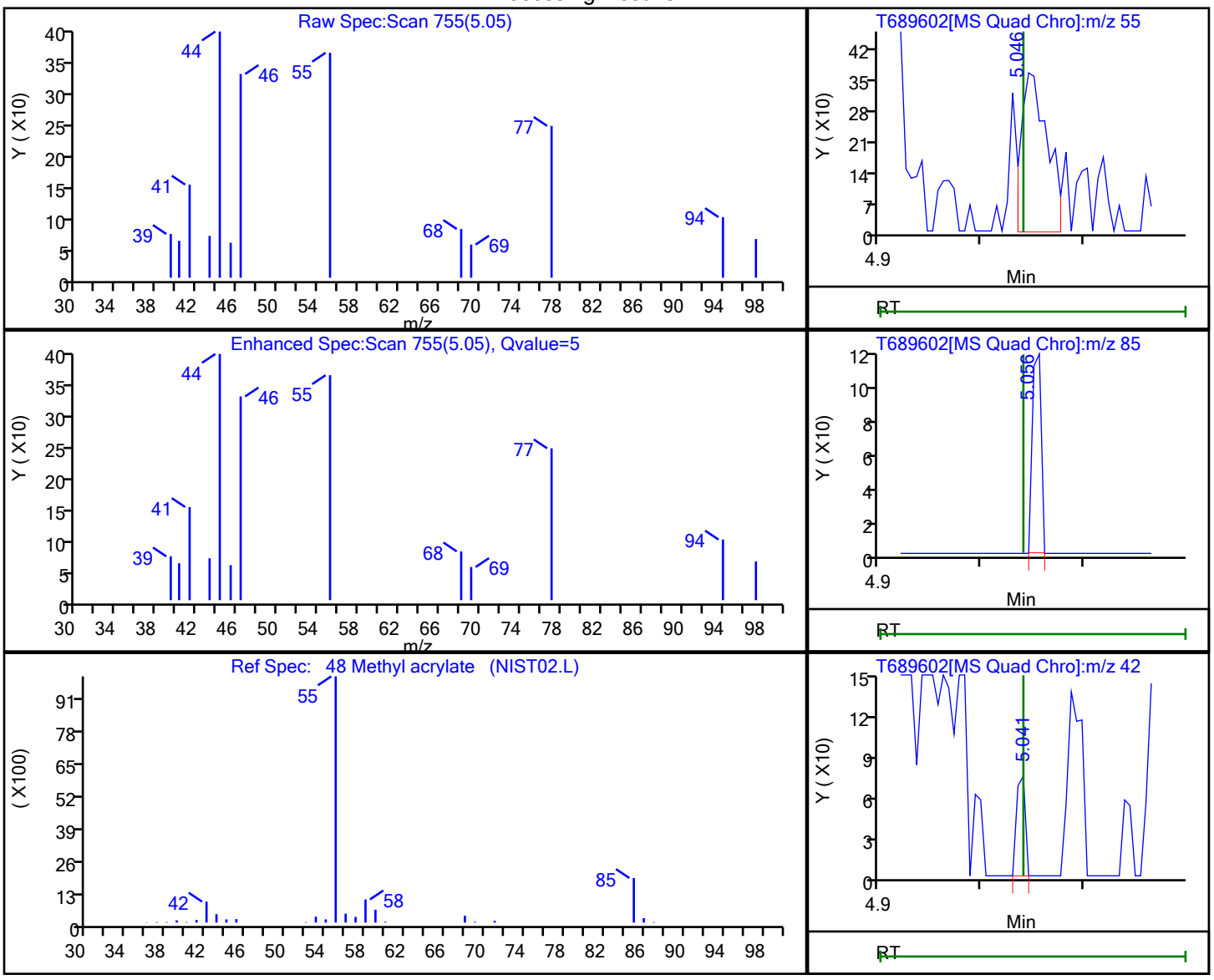
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
5.05	55.00	648	0.246465
5.06	85.00	71	
5.04	42.00	42	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

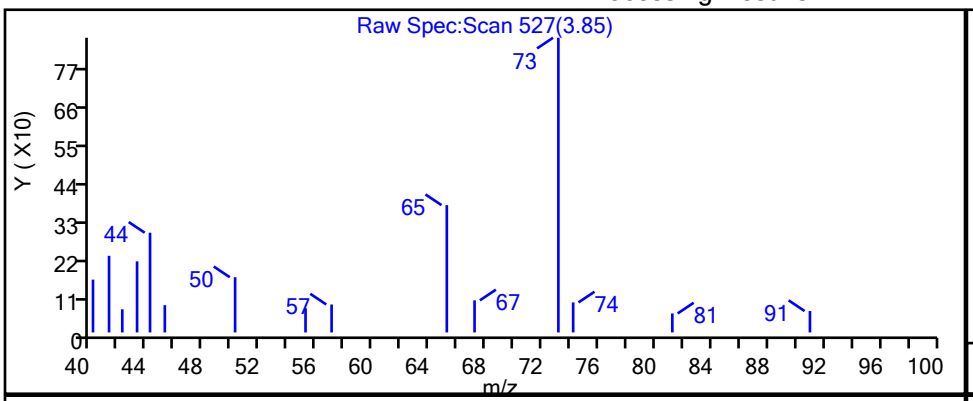
User Disabled Compound Report

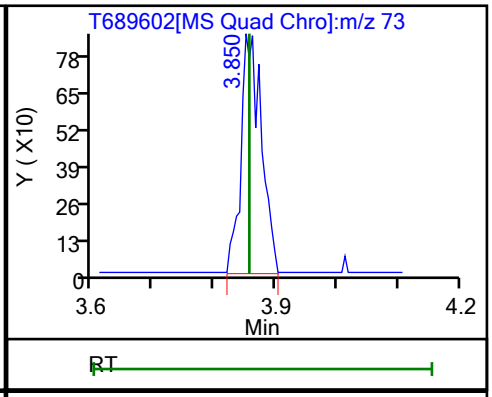
Eurofins Edison

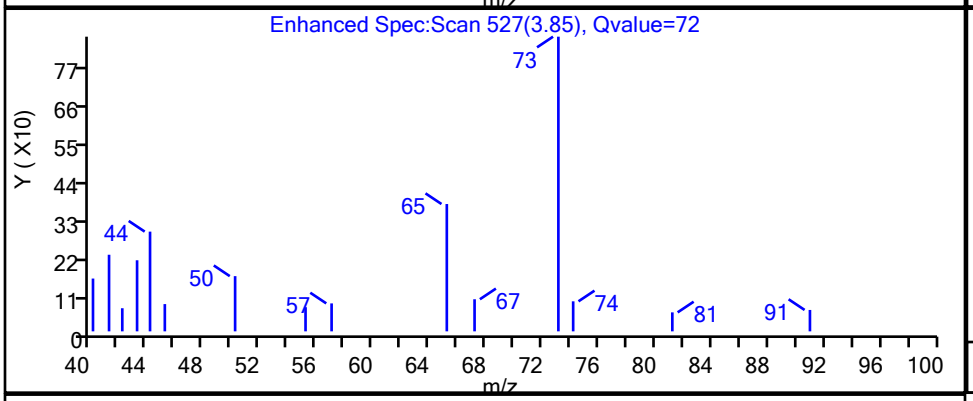
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

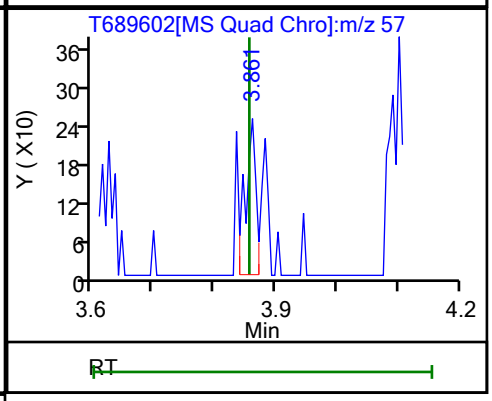
35 Methyl tert-butyl ether, CAS: 1634-04-4

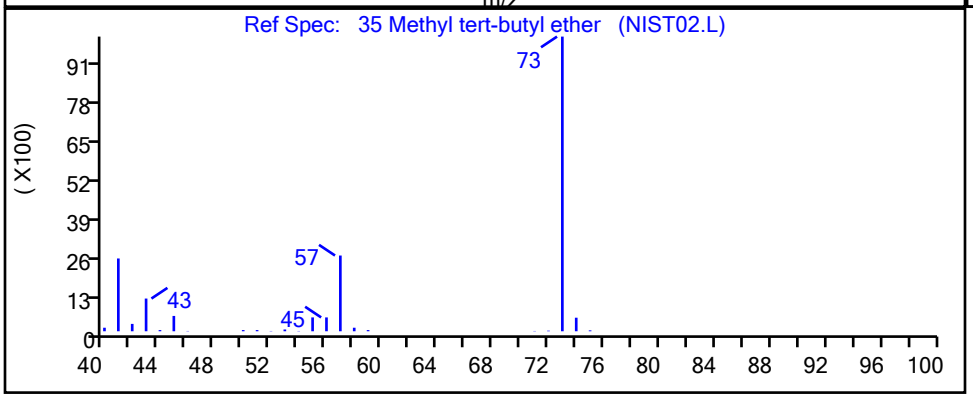
Processing Results











RT	Mass	Response	Amount
3.85	73.00	1975	0.193026
3.86	57.00	293	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

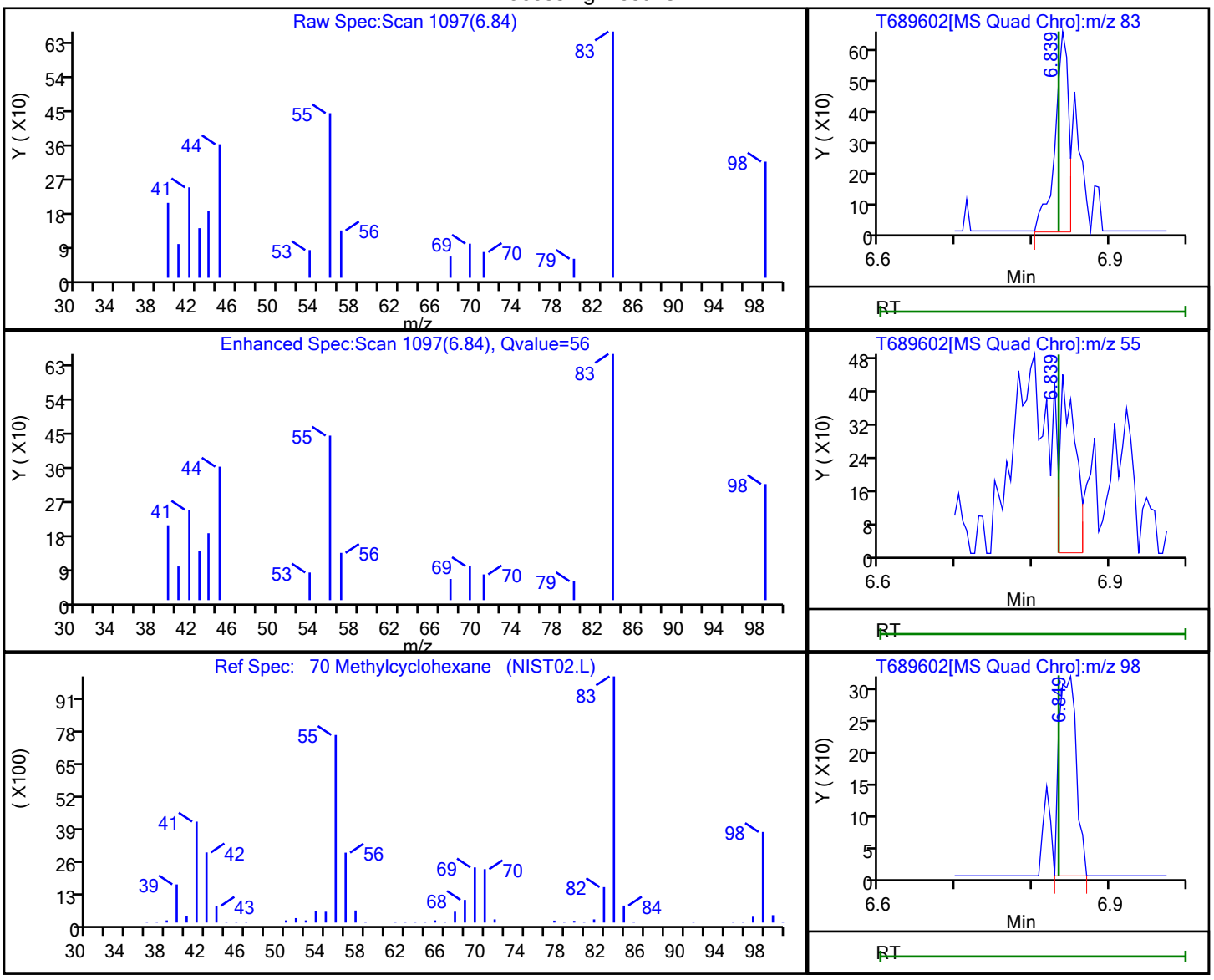
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
6.84	83.00	803	0.154960
6.84	55.00	603	
6.85	98.00	499	

Reviewer: FK2C, 19-Apr-2025 09:16:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

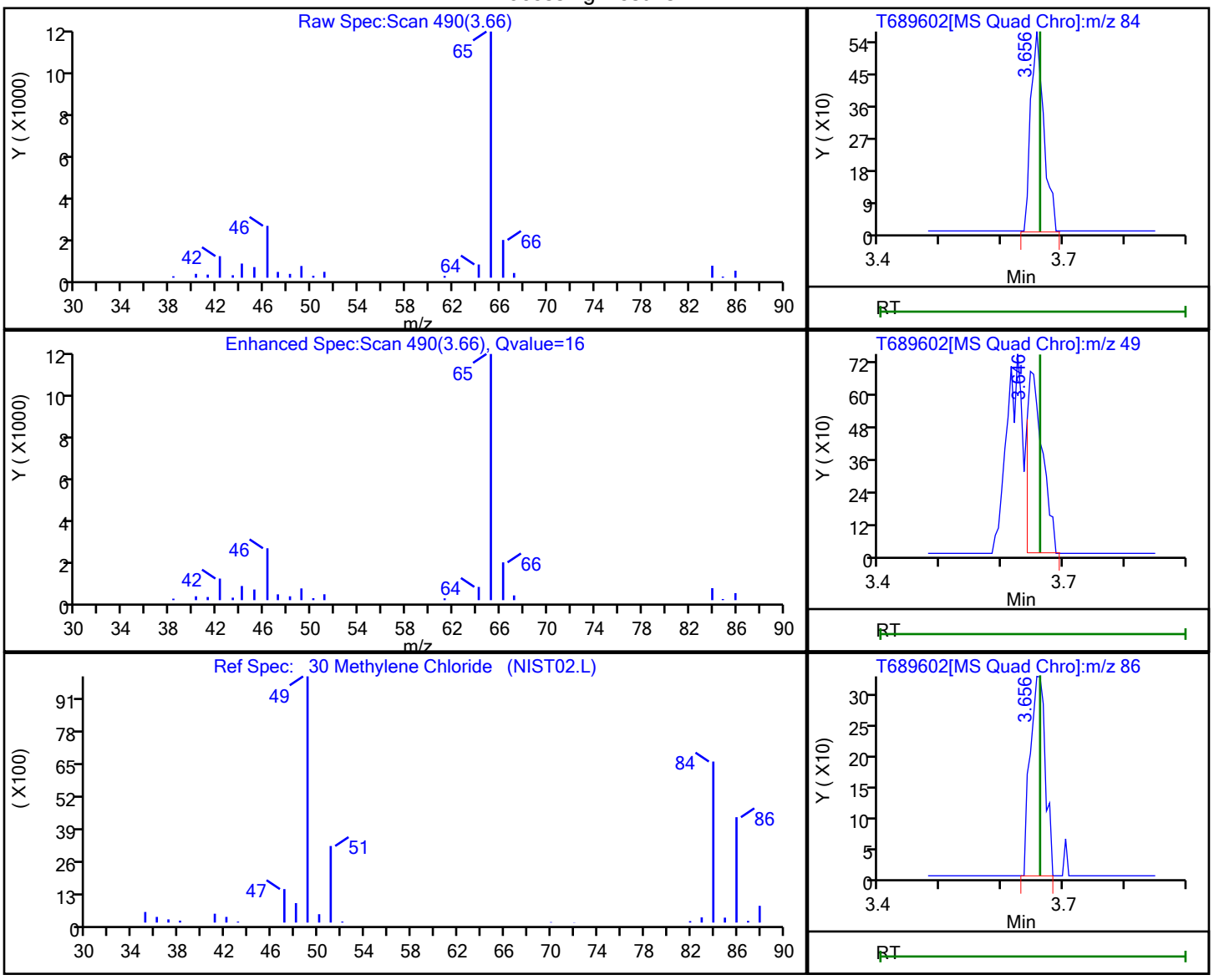
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
3.66	84.00	827	0.226990
3.65	49.00	1180	
3.66	86.00	567	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

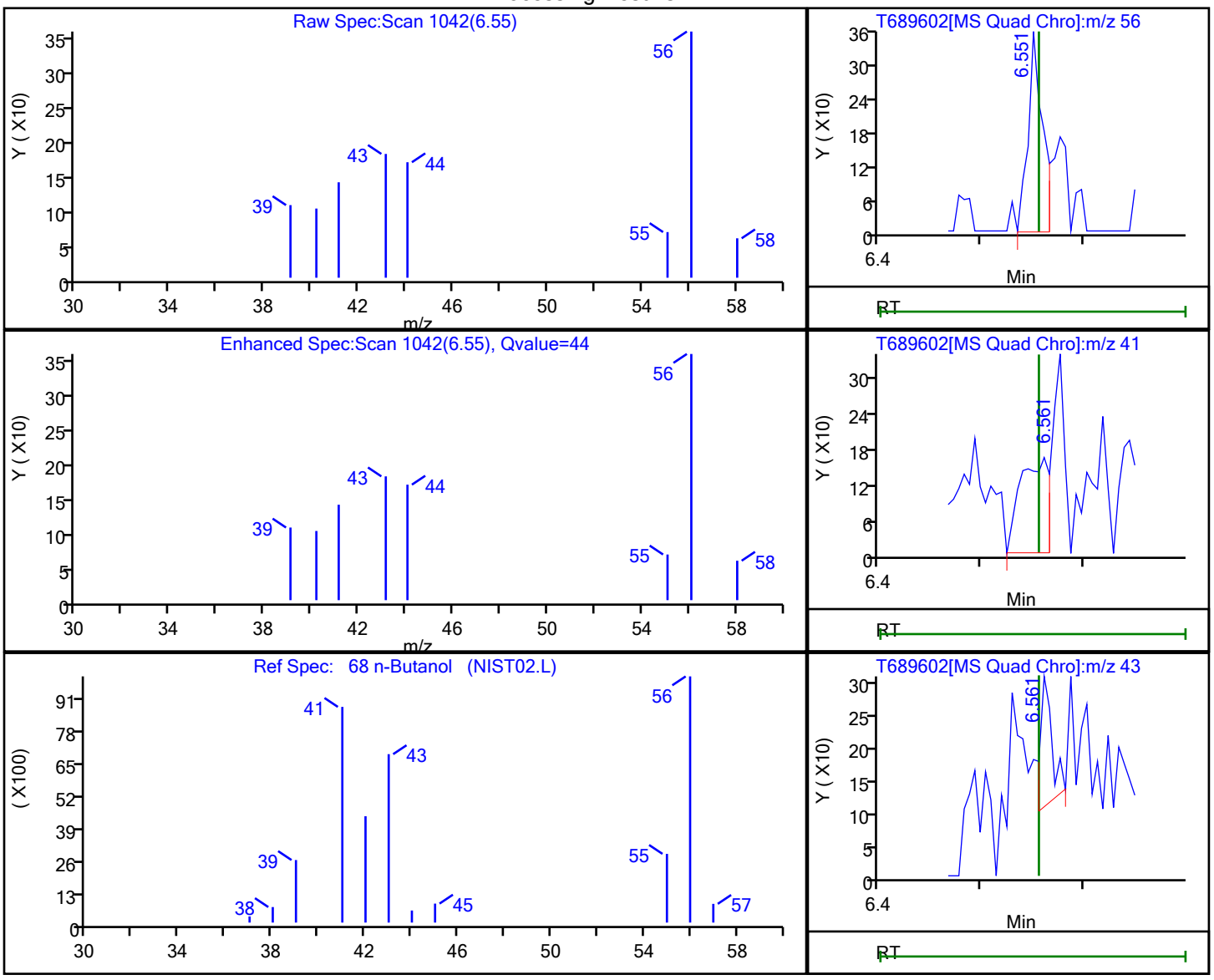
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
6.55	56.00	353	5.077432
6.56	41.00	318	
6.56	43.00	157	

Reviewer: FK2C, 19-Apr-2025 09:16:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

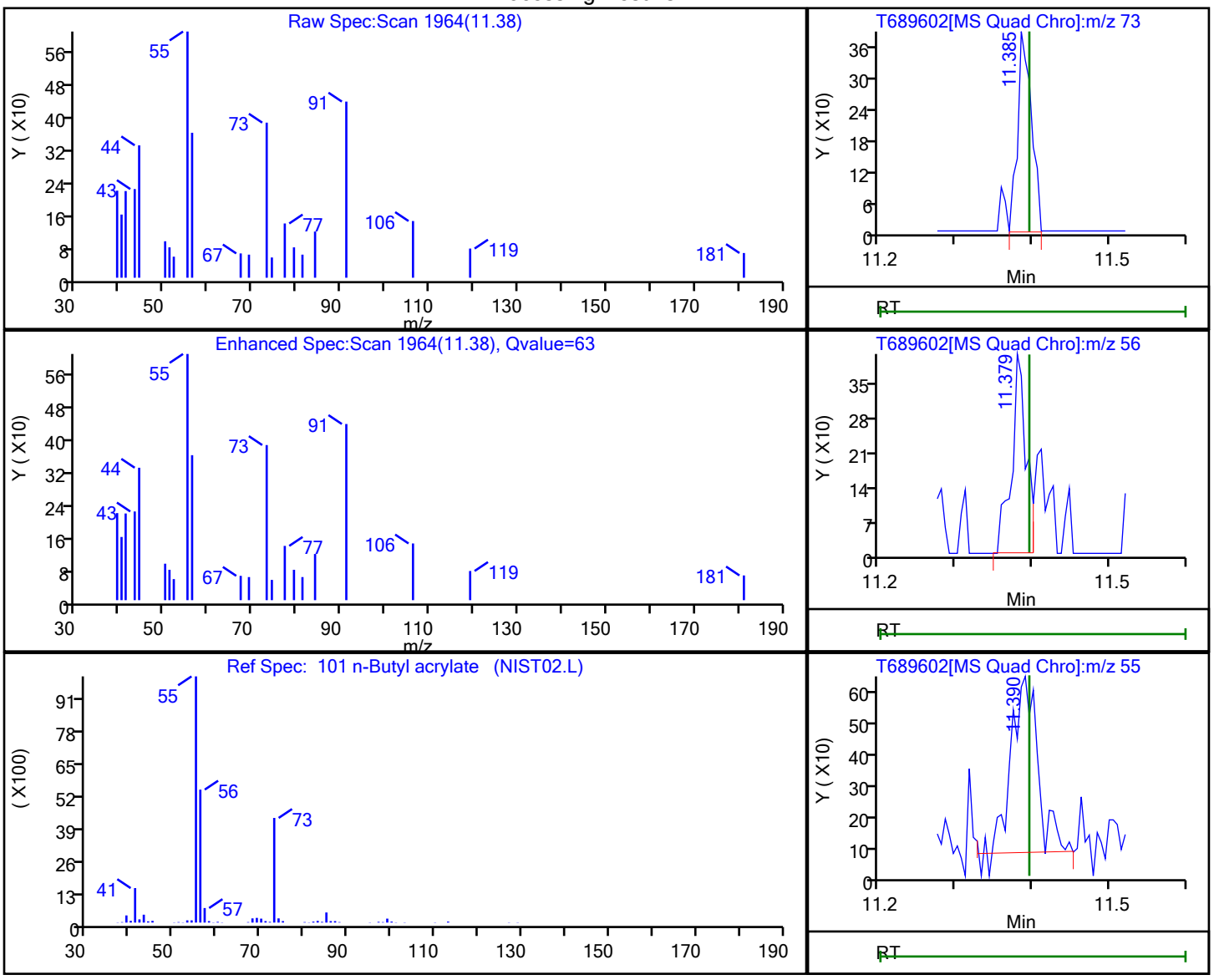
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
11.38	73.00	480	0.199654
11.38	56.00	536	
11.39	55.00	1376	

Reviewer: FK2C, 19-Apr-2025 09:17:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

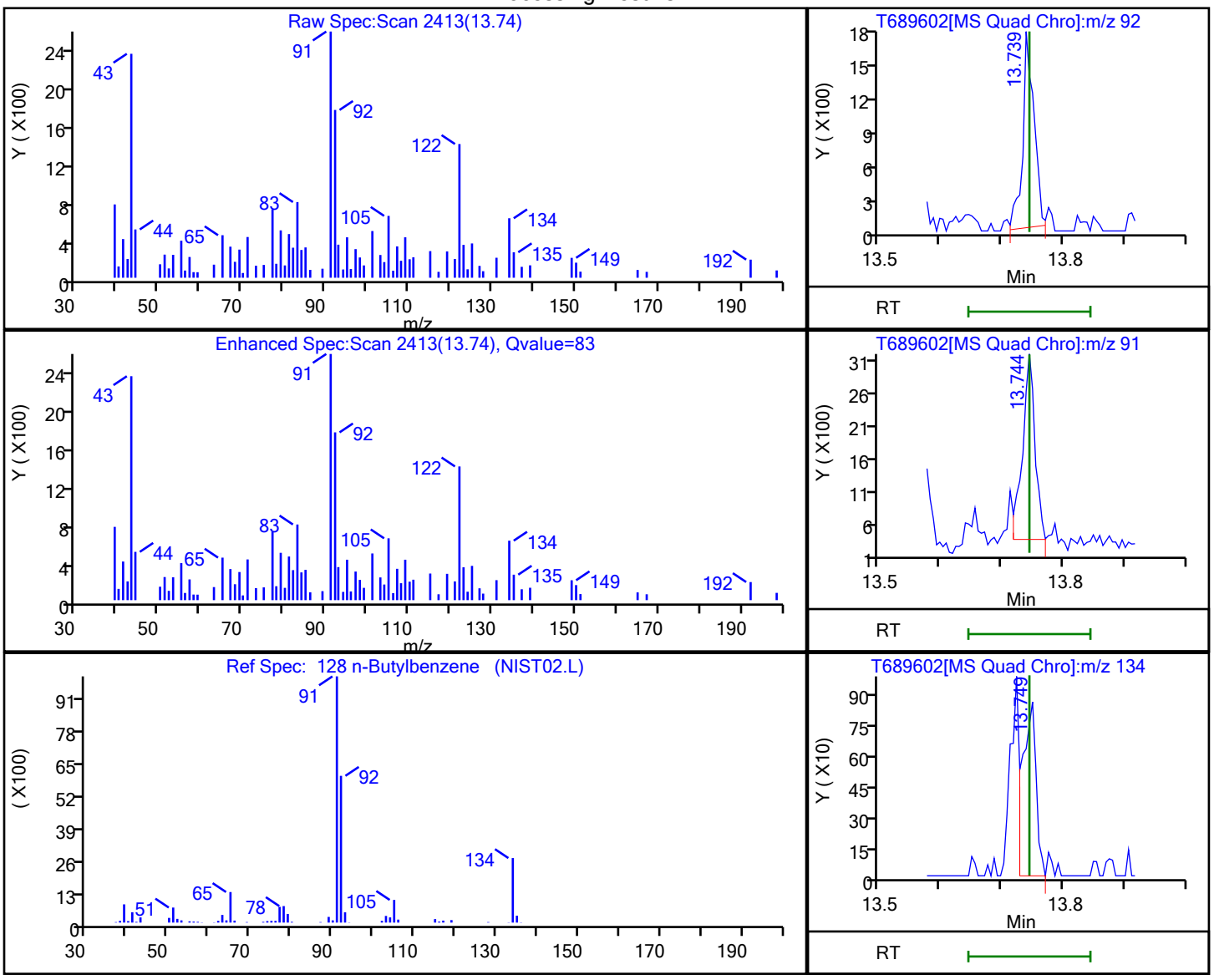
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
13.74	92.00	2209	0.278065
13.74	91.00	4052	
13.75	134.00	1308	

Reviewer: FK2C, 19-Apr-2025 09:18:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

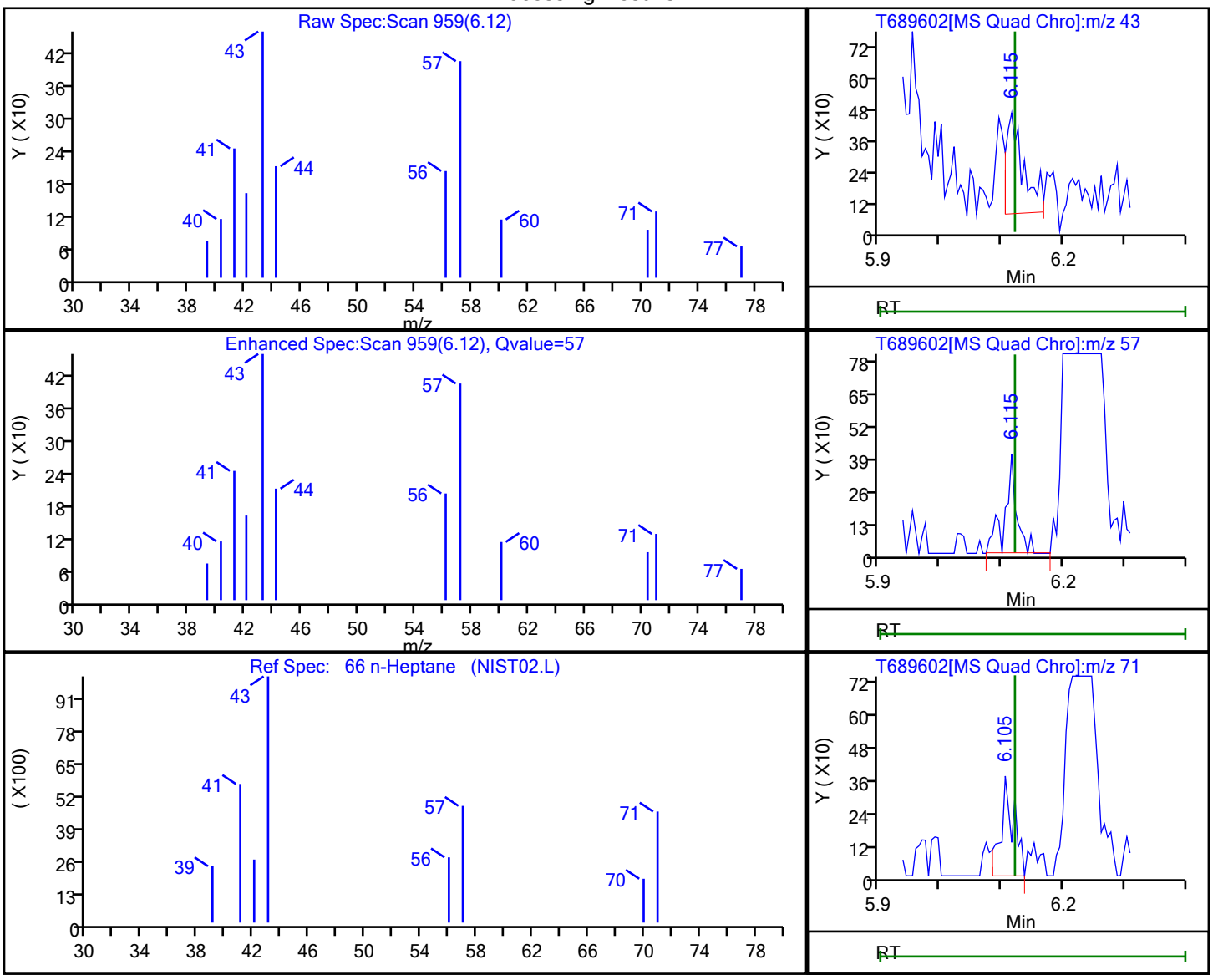
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
6.12	43.00	765	0.234838
6.12	57.00	548	
6.10	71.00	543	

Reviewer: FK2C, 19-Apr-2025 09:16:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

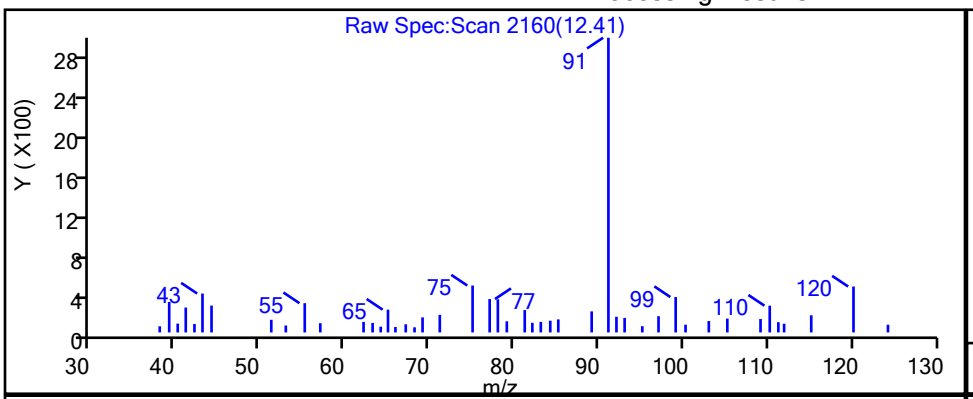
User Disabled Compound Report

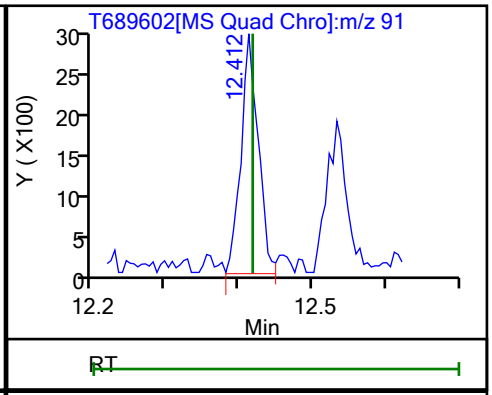
Eurofins Edison

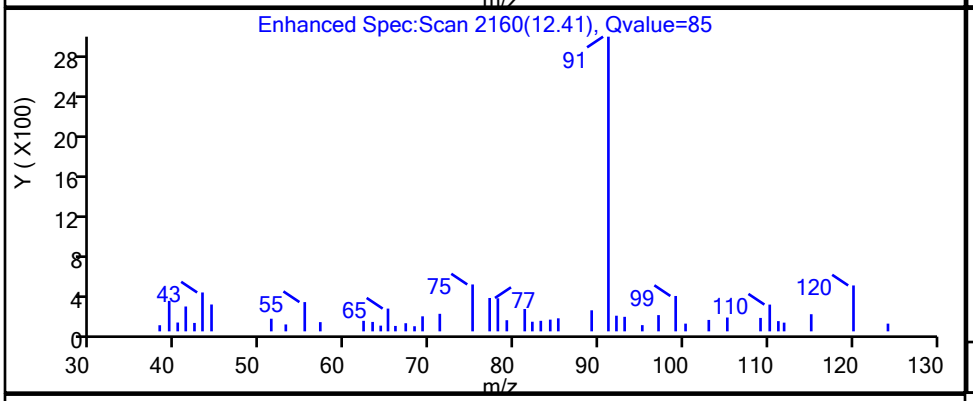
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

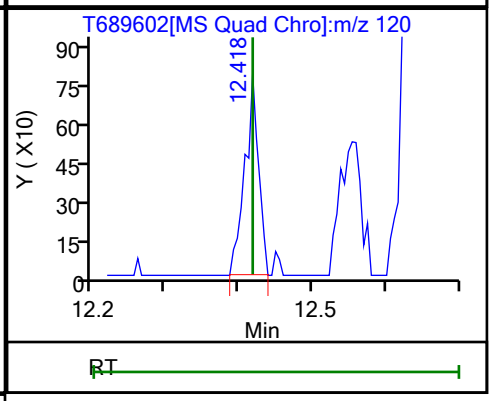
110 N-Propylbenzene, CAS: 103-65-1

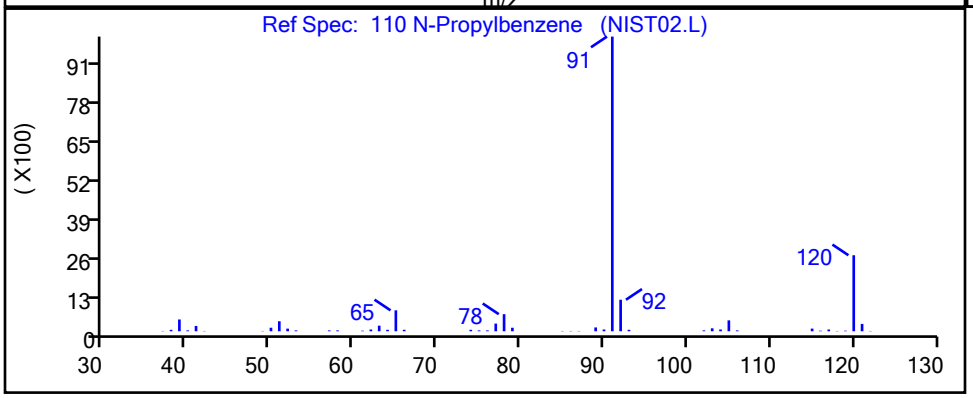
Processing Results











RT	Mass	Response	Amount
12.41	91.00	4773	0.220117
12.42	120.00	1027	

Reviewer: FK2C, 19-Apr-2025 09:18:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

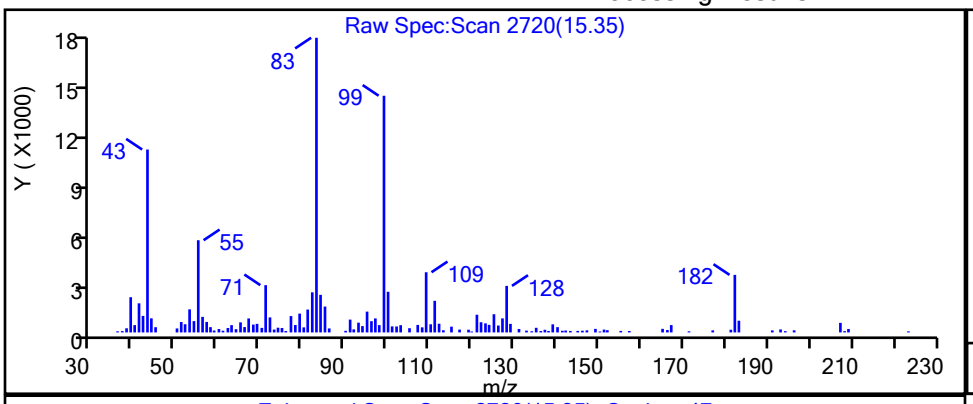
User Disabled Compound Report

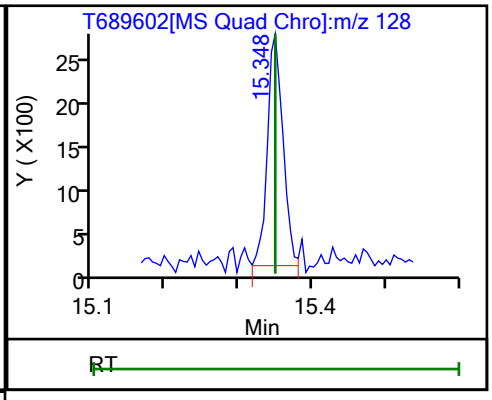
Eurofins Edison

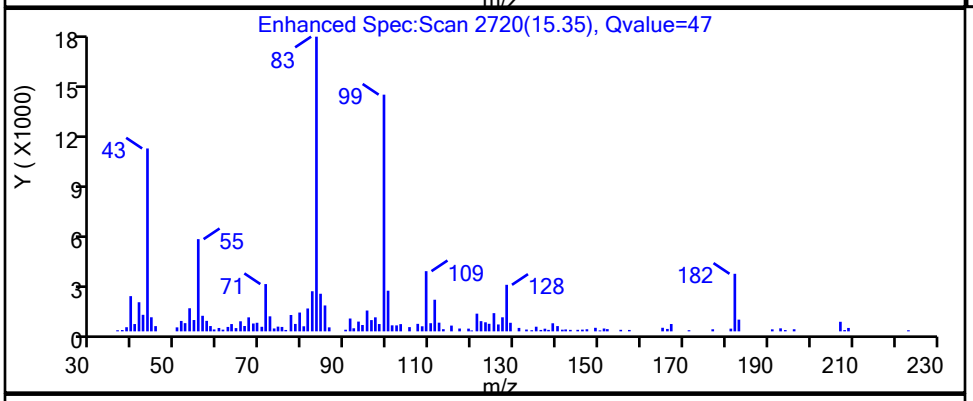
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

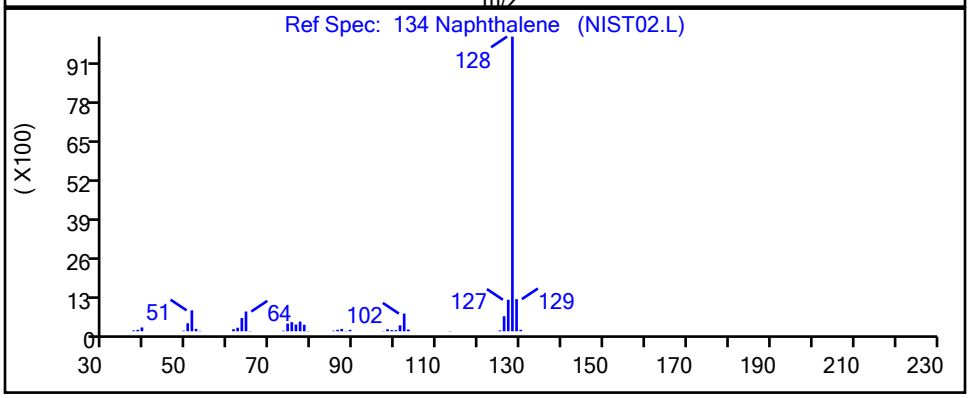
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
15.35	128.00	3875	0.338924

Reviewer: FK2C, 19-Apr-2025 09:18:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

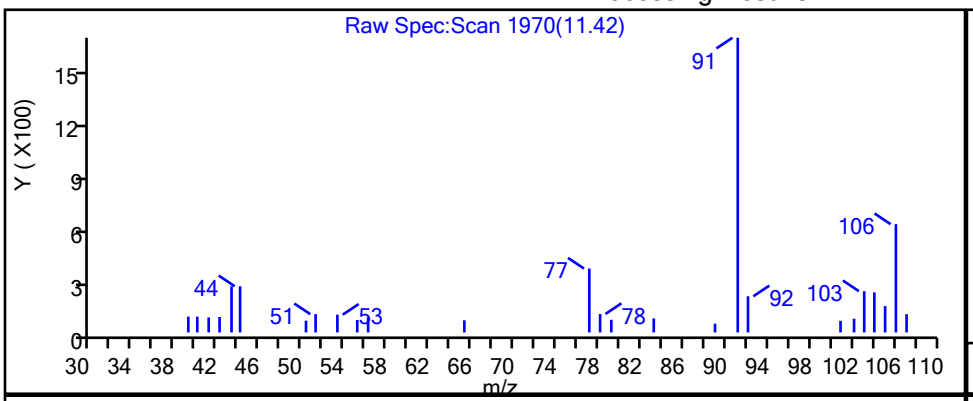
User Disabled Compound Report

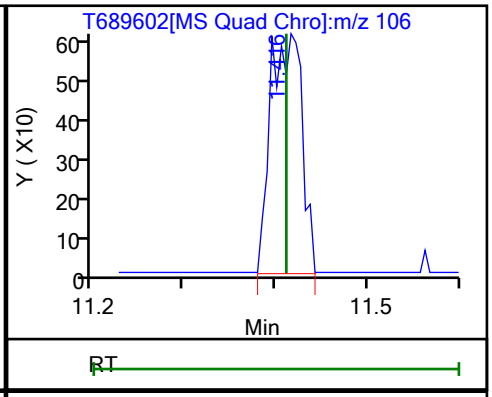
Eurofins Edison

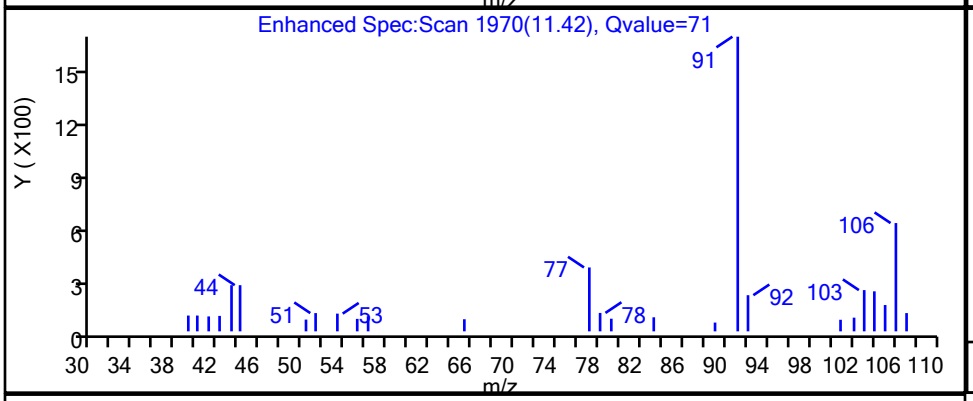
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

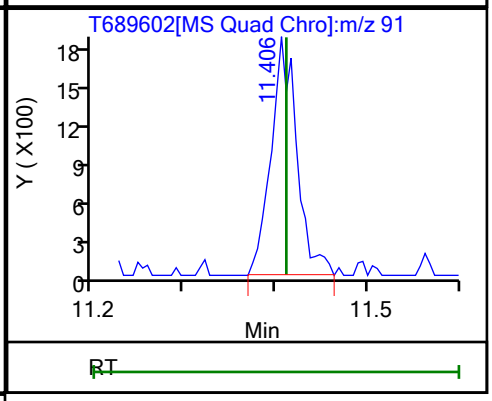
99 o-Xylene, CAS: 95-47-6

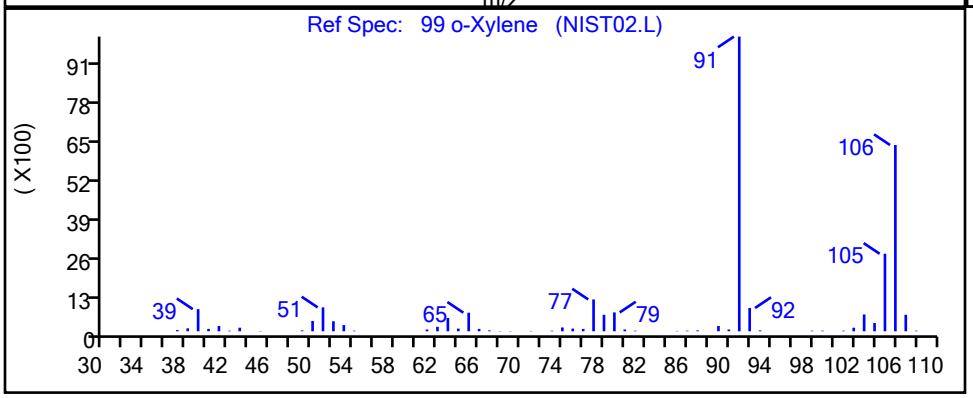
Processing Results











RT	Mass	Response	Amount
11.42	106.00	1467	0.209790
11.41	91.00	3620	

Reviewer: FK2C, 19-Apr-2025 09:17:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

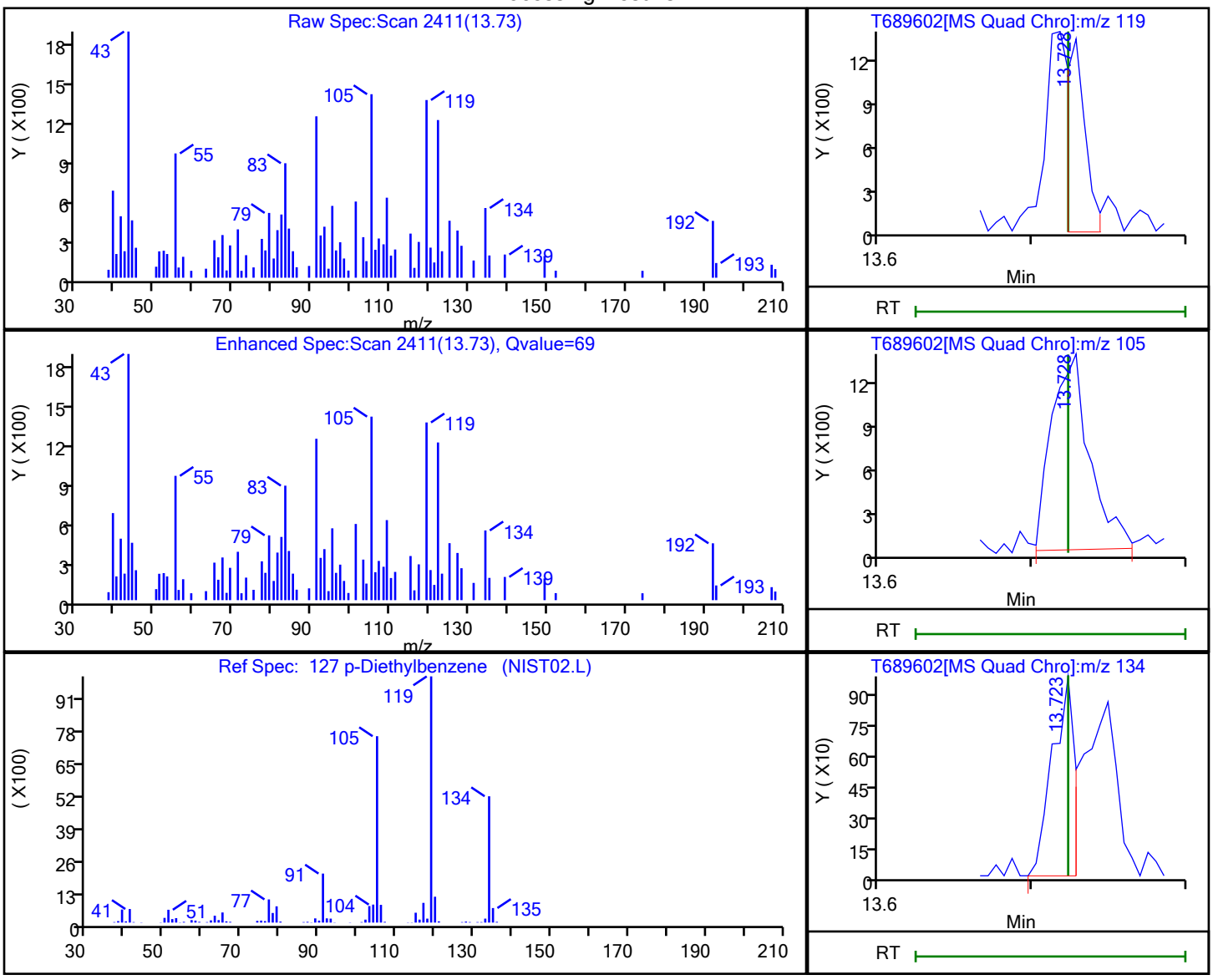
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
13.73	119.00	1146	0.130294
13.73	105.00	2276	
13.72	134.00	1002	

Reviewer: FK2C, 19-Apr-2025 09:18:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

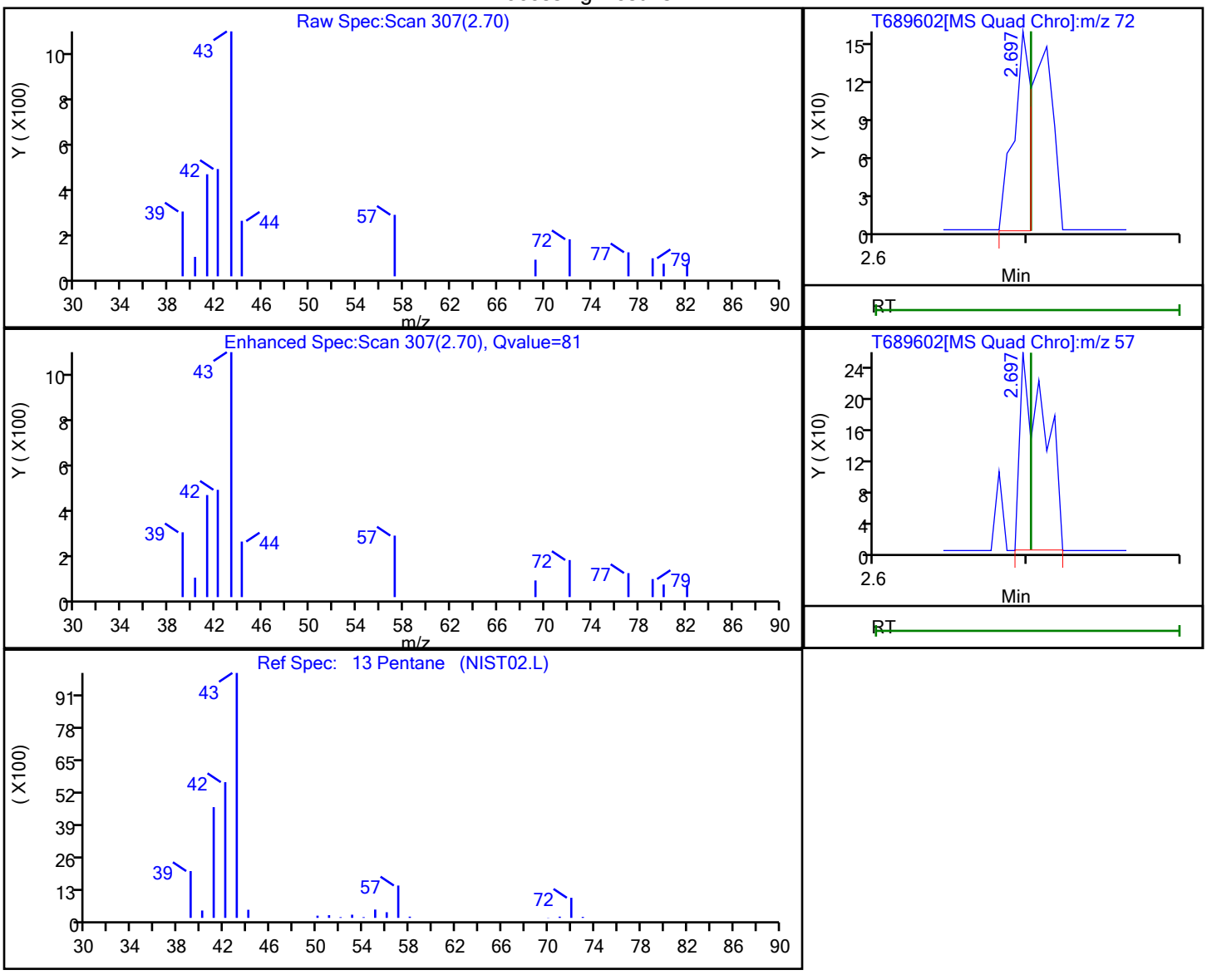
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
2.70	72.00	125	0.225079
2.70	57.00	293	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

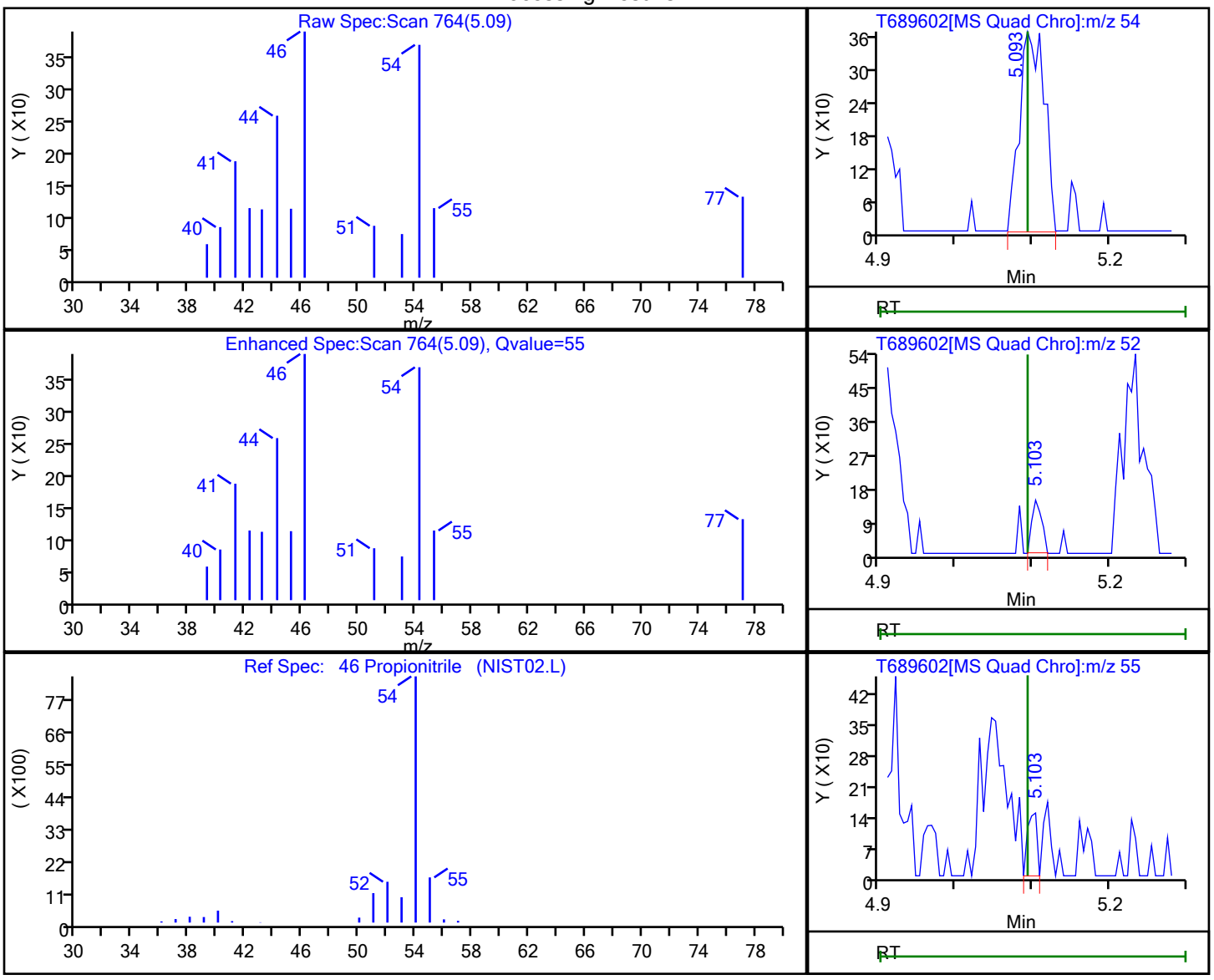
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
5.09	54.00	833	2.068460
5.10	52.00	129	
5.10	55.00	122	

Reviewer: FK2C, 19-Apr-2025 09:14:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

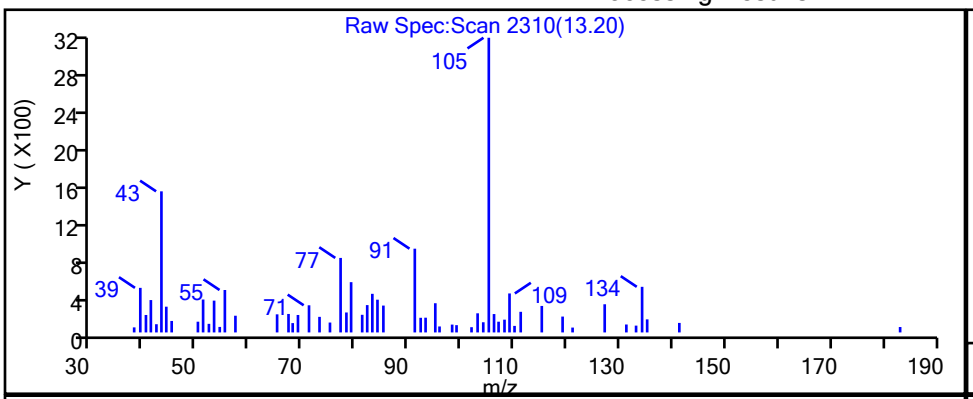
User Disabled Compound Report

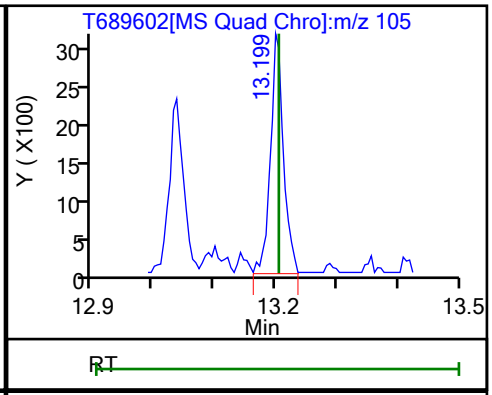
Eurofins Edison

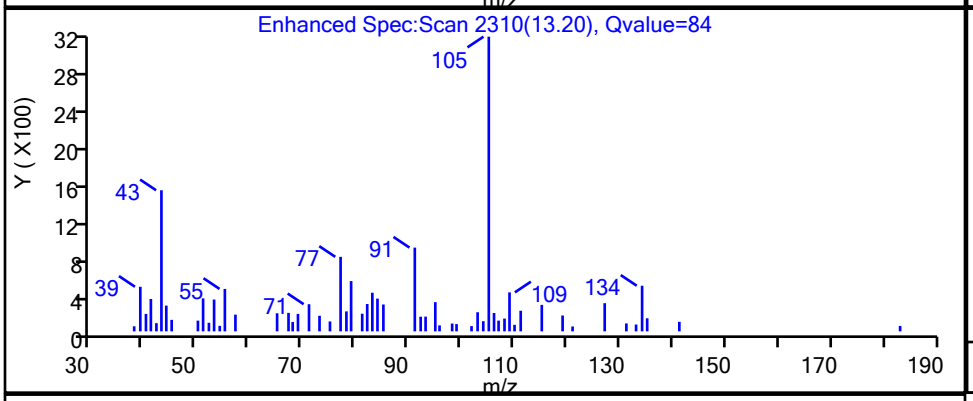
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

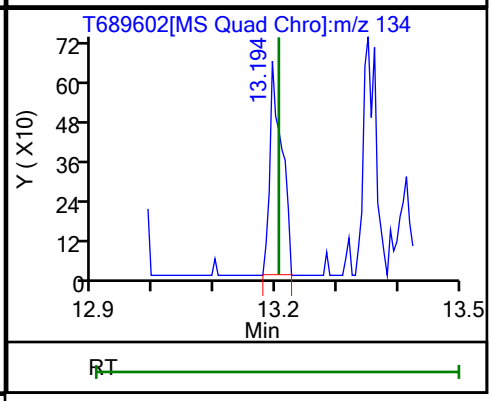
118 sec-Butylbenzene, CAS: 135-98-8

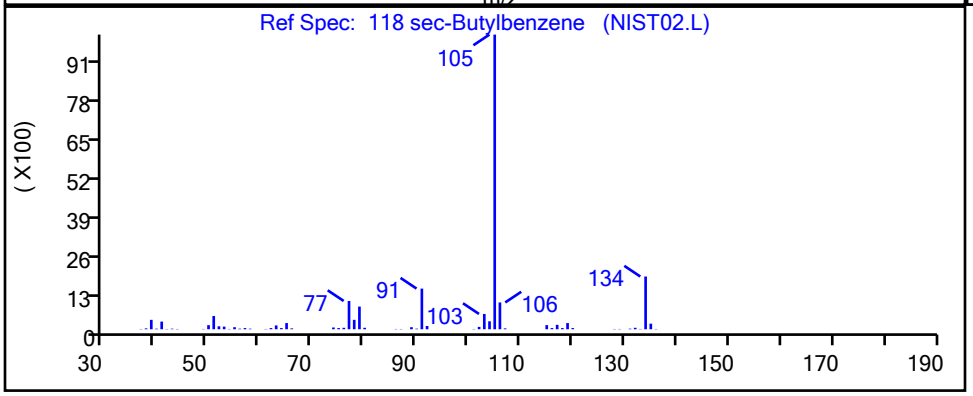
Processing Results











RT	Mass	Response	Amount
13.20	105.00	4633	0.250144
13.19	134.00	907	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

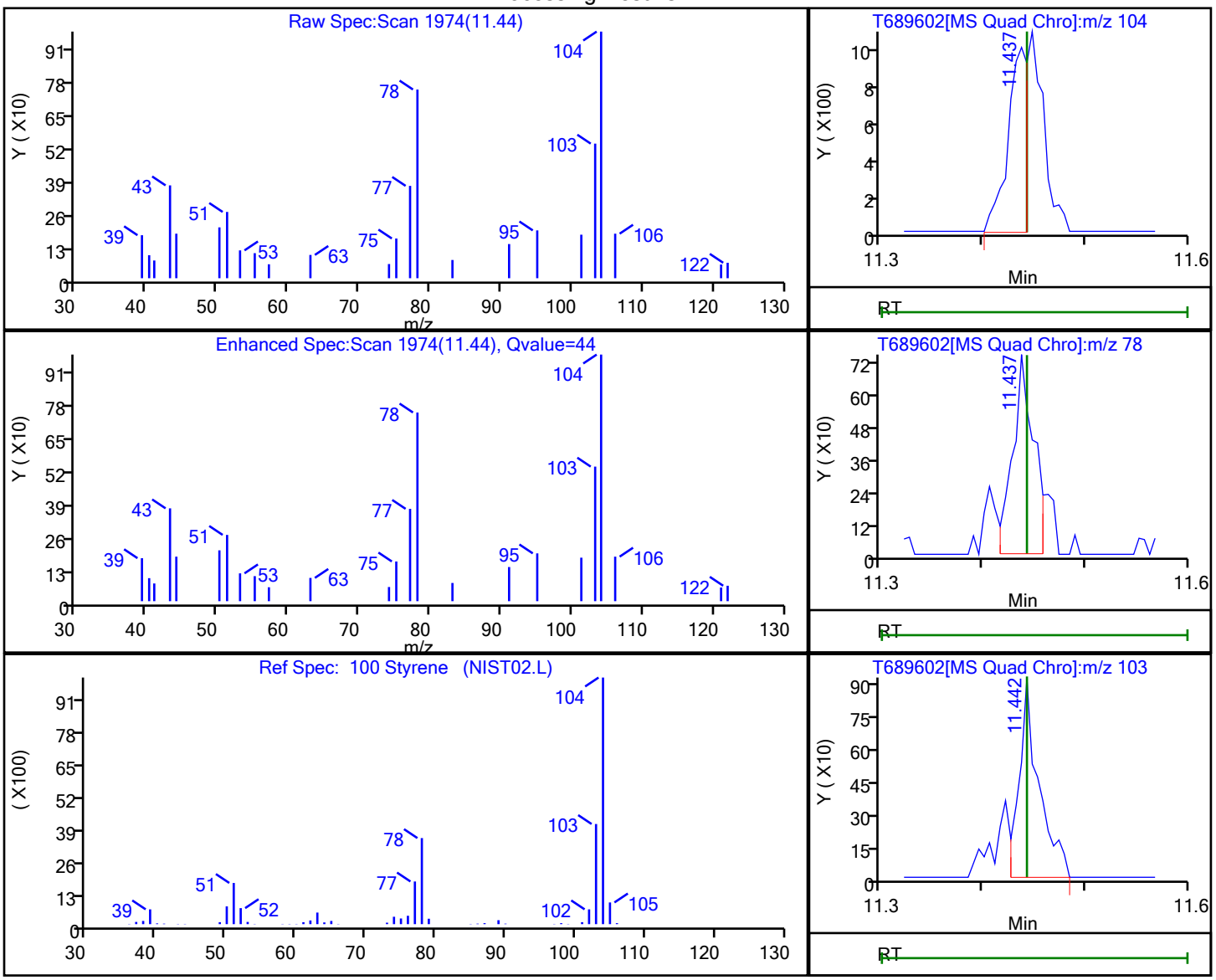
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

100 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
11.44	104.00	1327	0.128621
11.44	78.00	1082	
11.44	103.00	1244	

Reviewer: FK2C, 19-Apr-2025 09:17:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

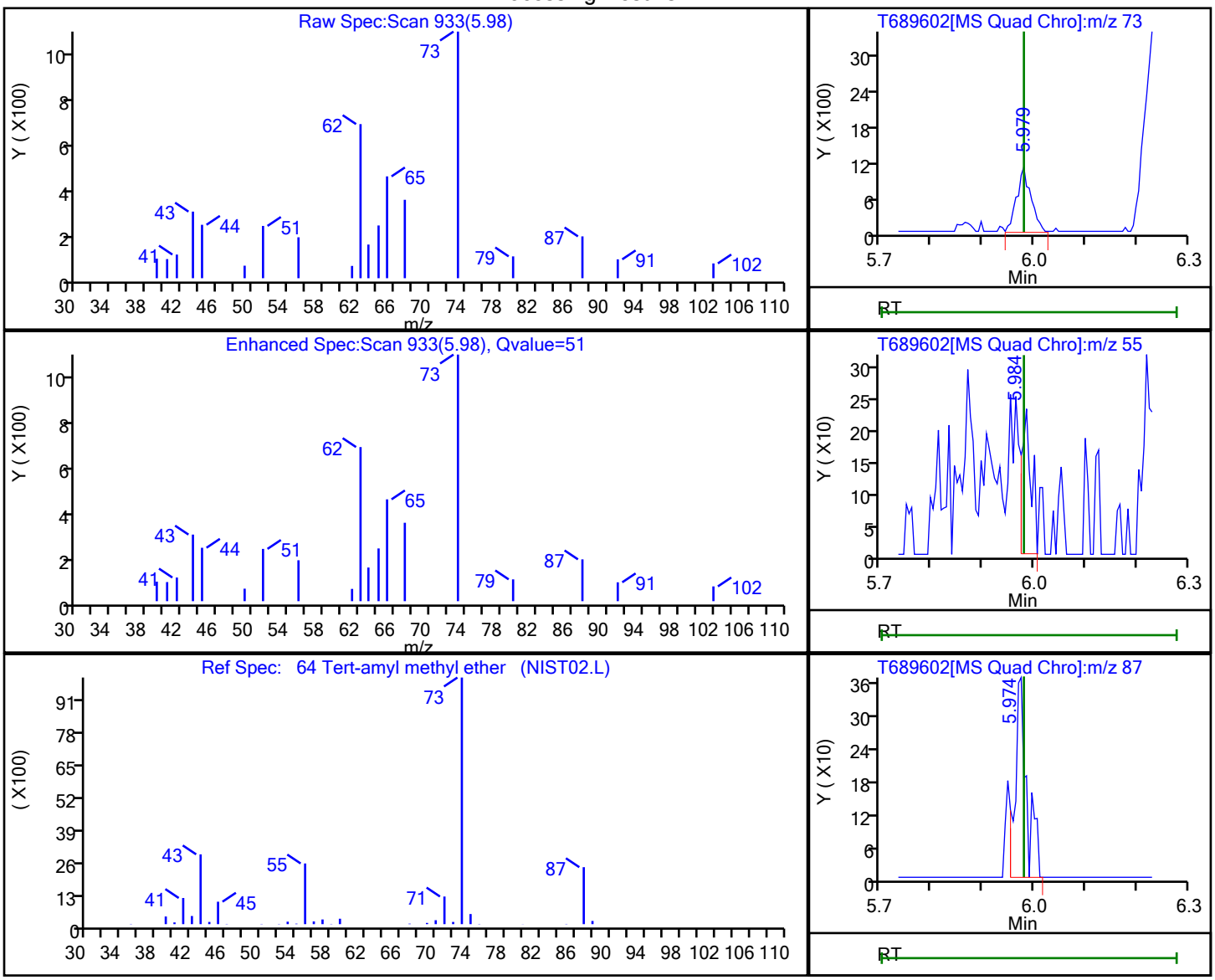
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

64 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
5.98	73.00	2067	0.208609
5.98	55.00	296	
5.97	87.00	580	

Reviewer: FK2C, 19-Apr-2025 09:16:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

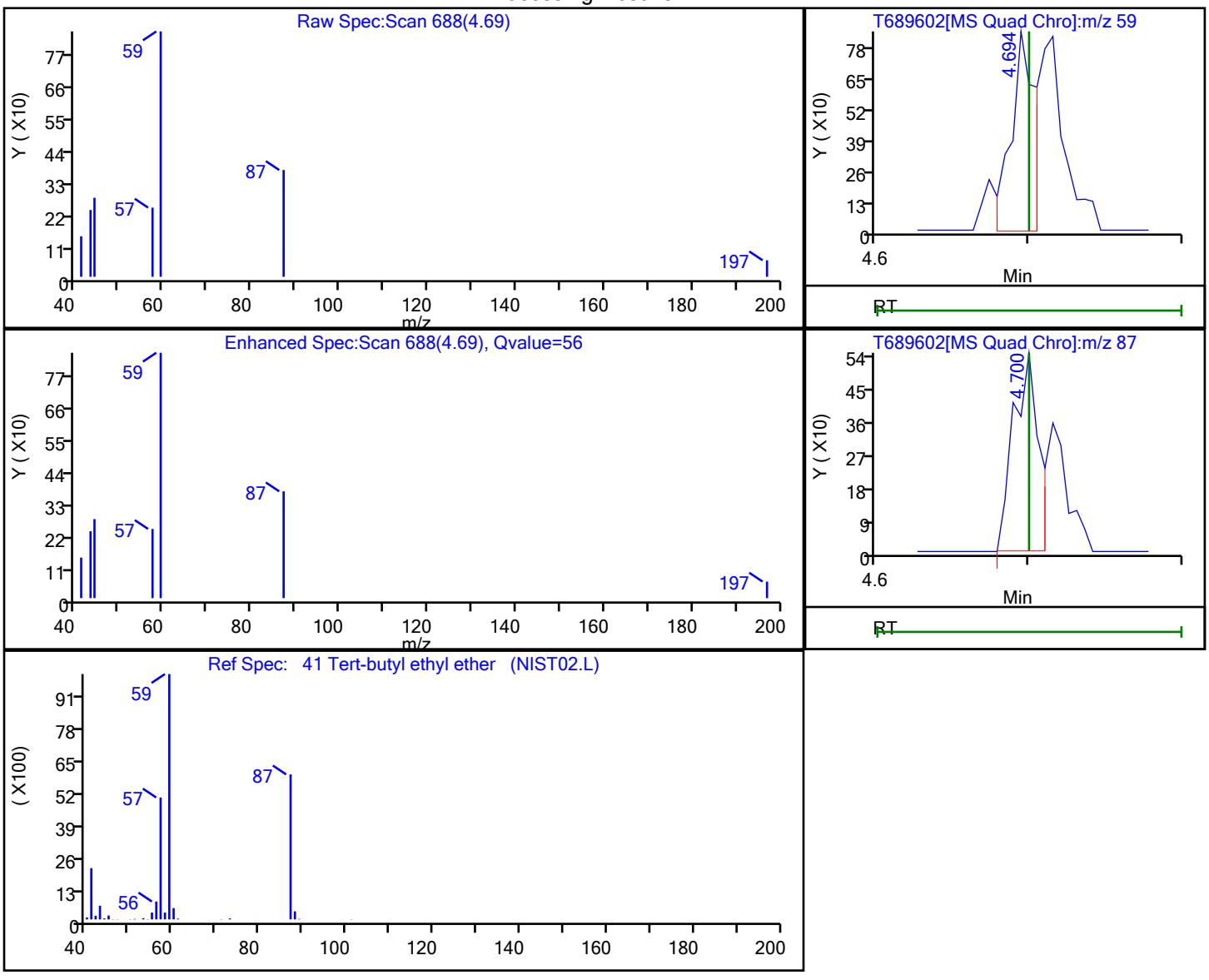
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

41 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
4.69	59.00	921	0.089063
4.70	87.00	631	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

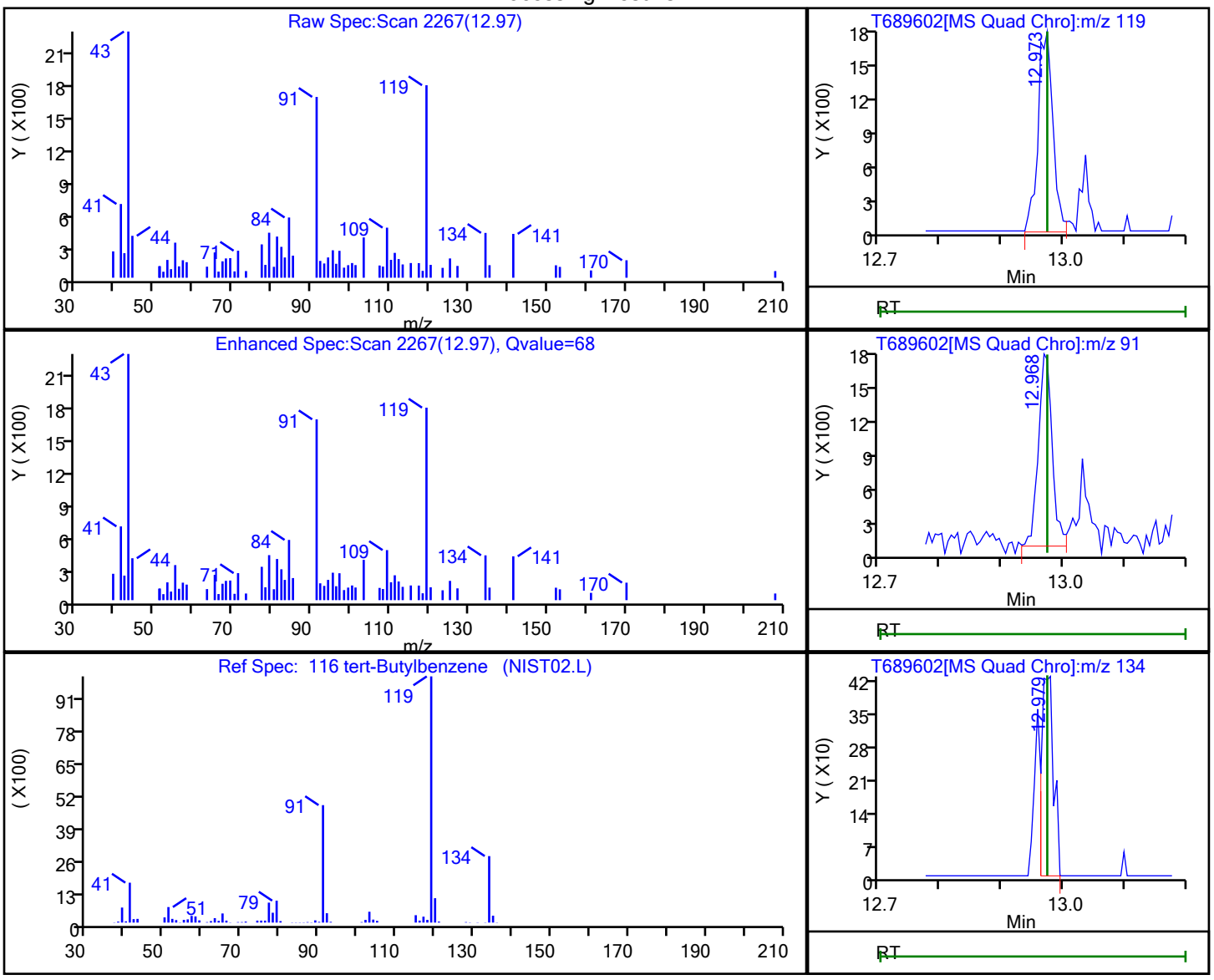
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
12.97	119.00	3038	0.223198
12.97	91.00	2597	
12.98	134.00	578	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

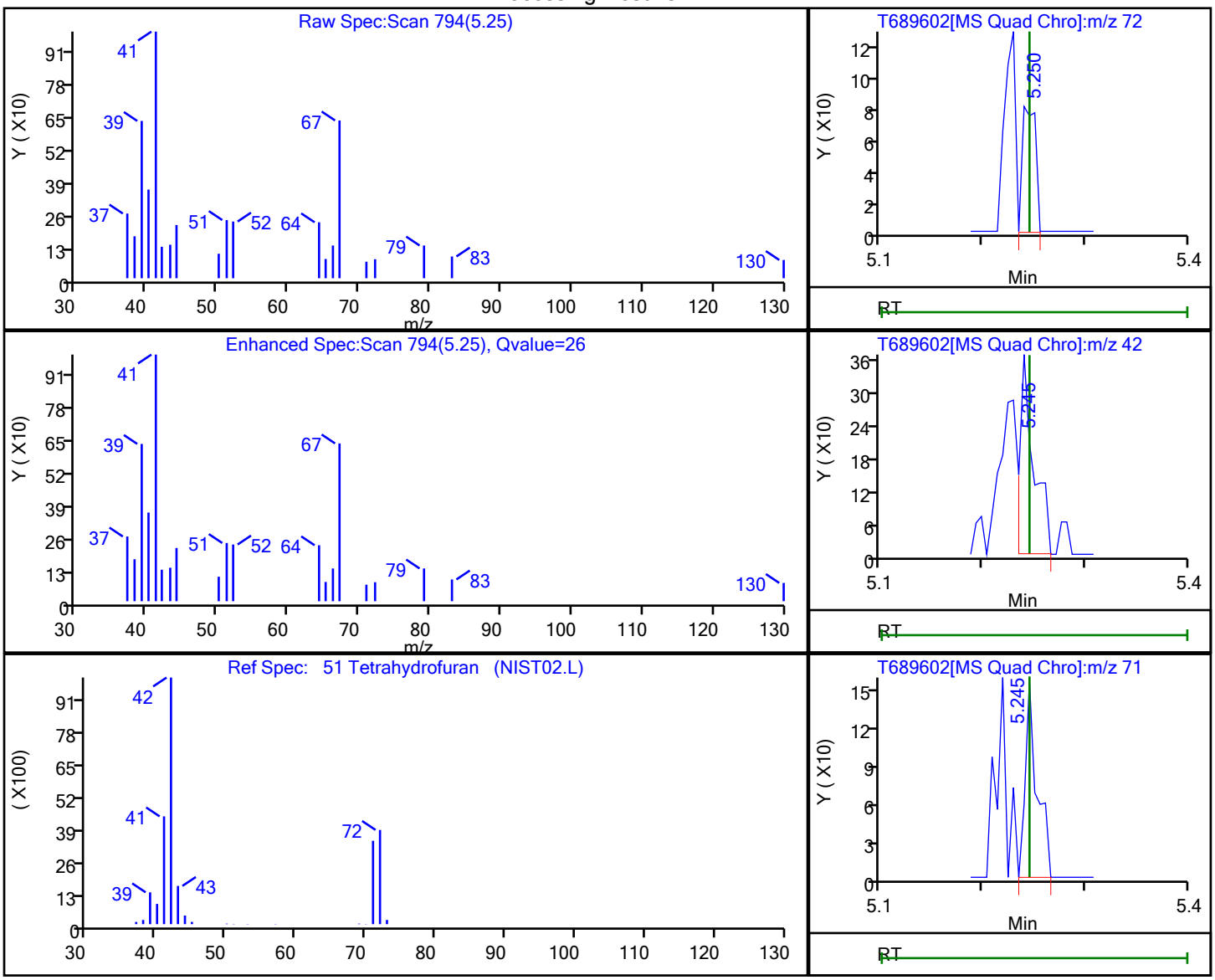
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

51 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
5.25	72.00	72	0.024734
5.25	42.00	346	
5.25	71.00	123	

Reviewer: FK2C, 19-Apr-2025 09:14:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

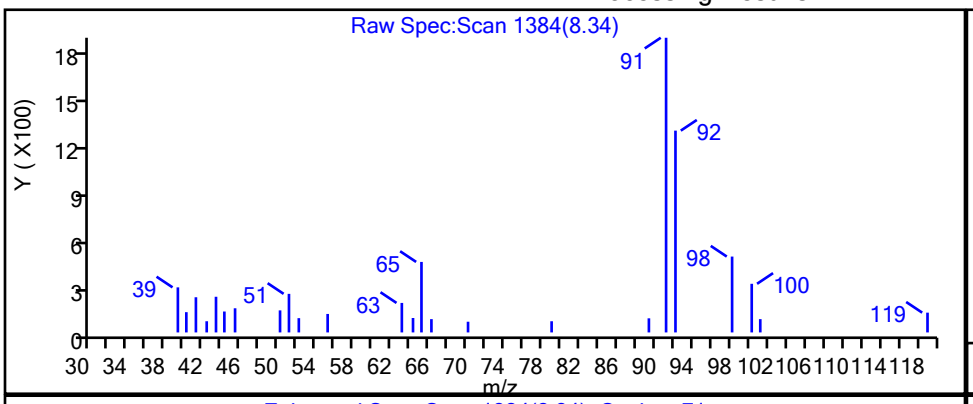
User Disabled Compound Report

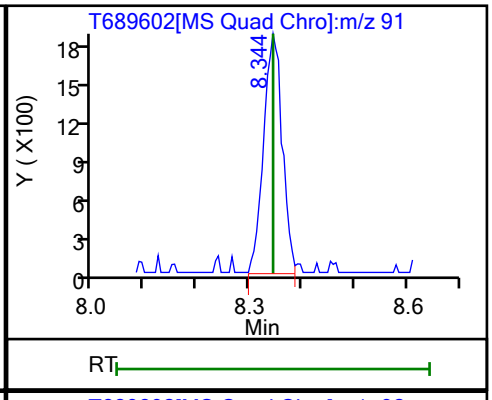
Eurofins Edison

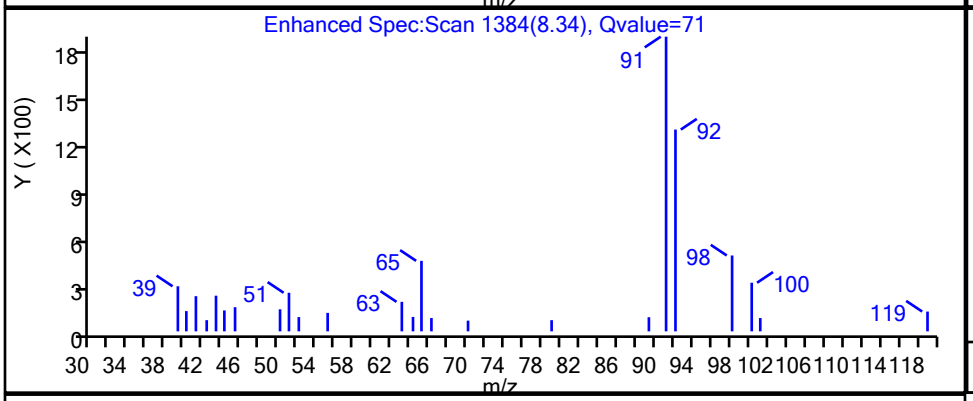
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

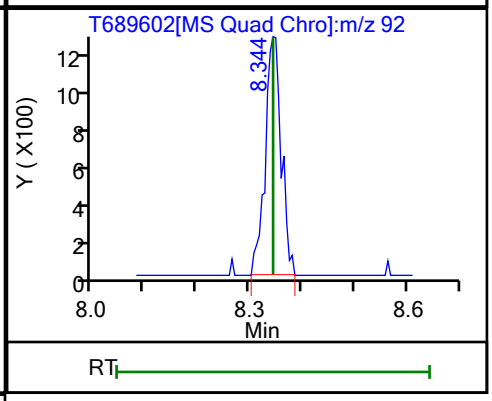
84 Toluene, CAS: 108-88-3

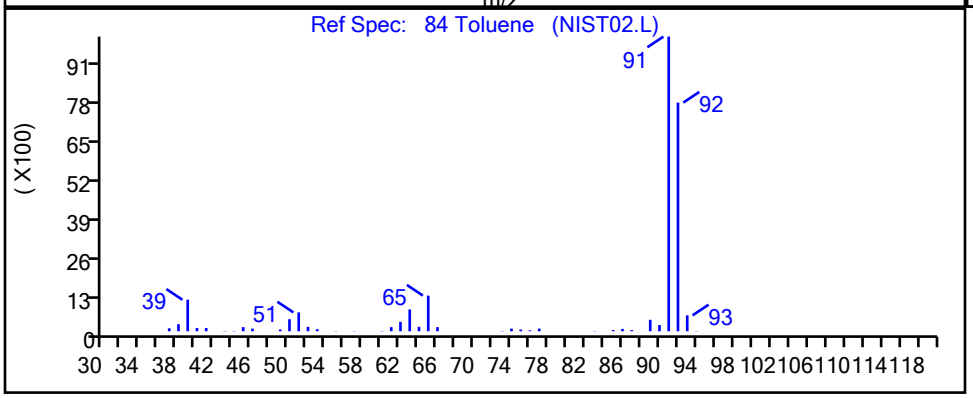
Processing Results











RT	Mass	Response	Amount
8.34	91.00	4492	0.263243
8.34	92.00	2664	

Reviewer: FK2C, 19-Apr-2025 09:17:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

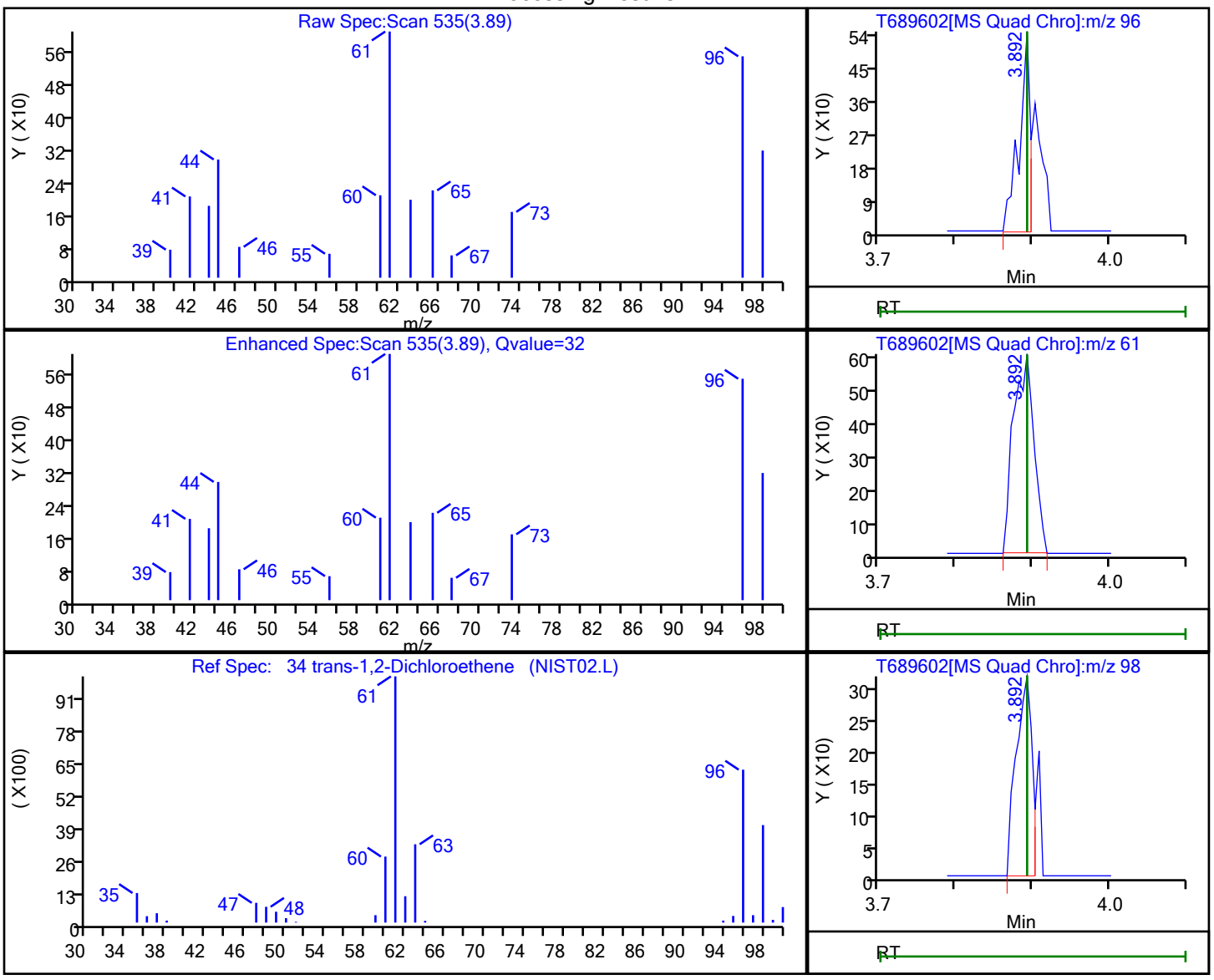
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
3.89	96.00	546	0.155720
3.89	61.00	1130	
3.89	98.00	458	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

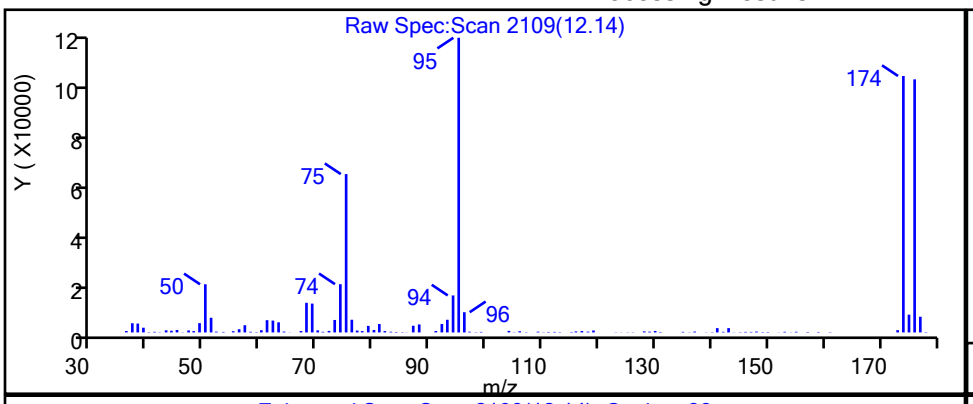
User Disabled Compound Report

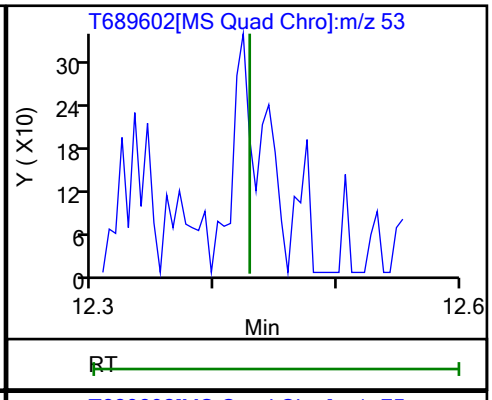
Eurofins Edison

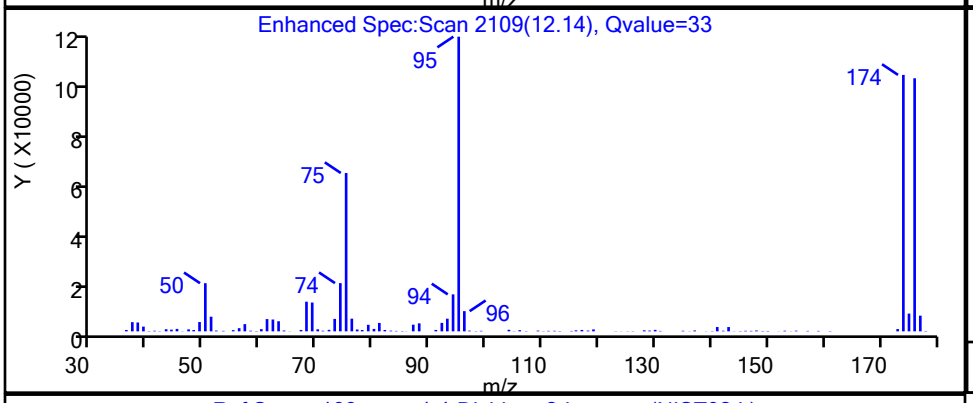
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

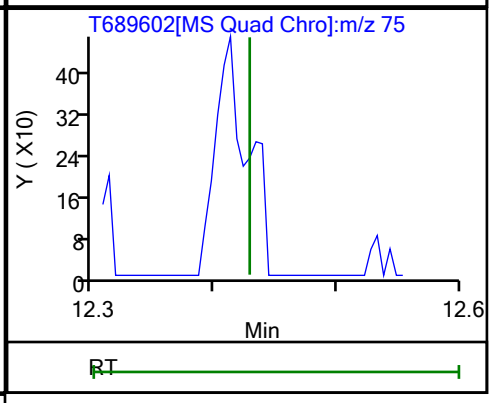
109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

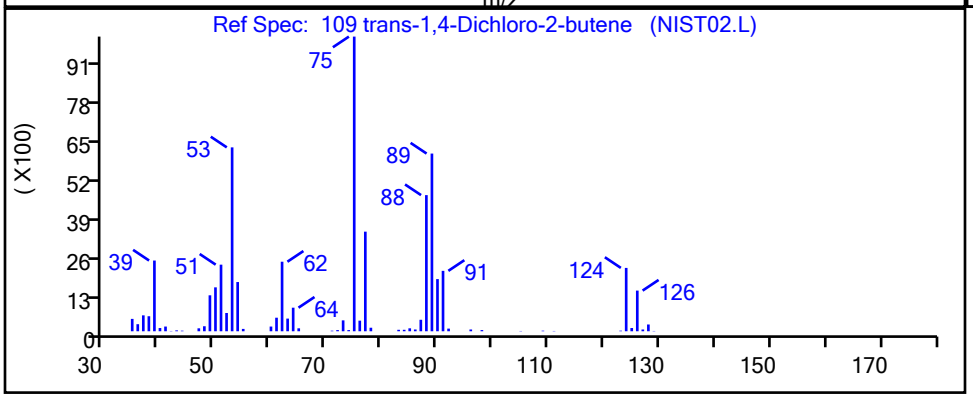
Processing Results











RT	Mass	Response	Amount
12.14	53.00	237	0.205902
12.14	75.00	118190	

Reviewer: FK2C, 19-Apr-2025 09:18:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

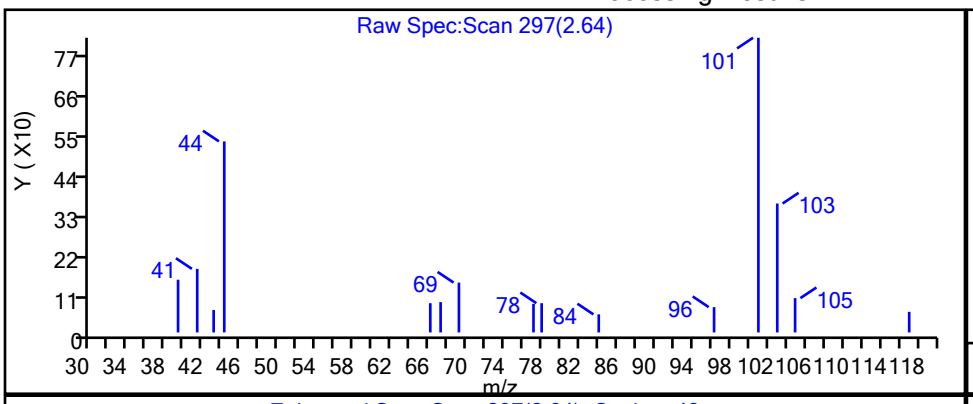
User Disabled Compound Report

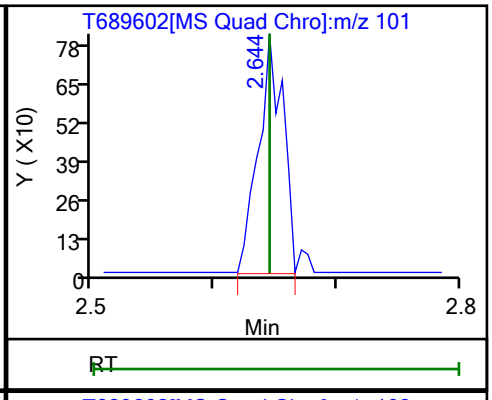
Eurofins Edison

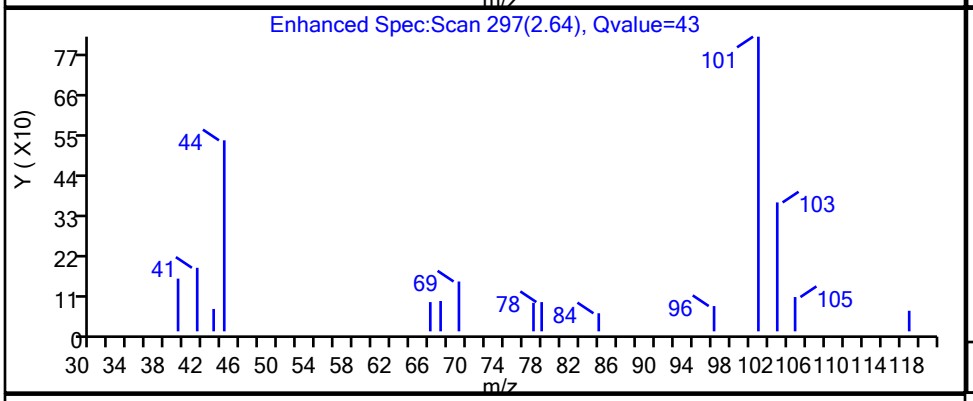
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

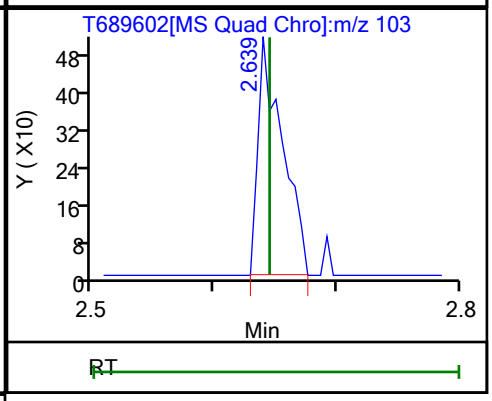
12 Trichlorofluoromethane, CAS: 75-69-4

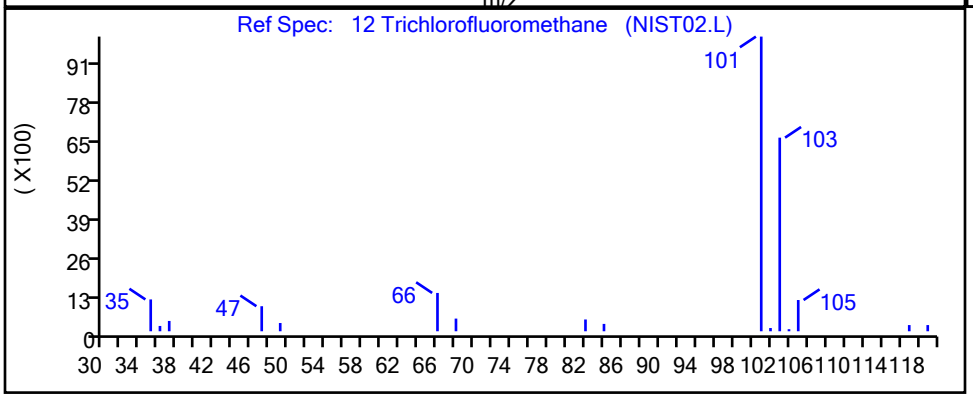
Processing Results











RT	Mass	Response	Amount
2.64	101.00	1138	0.170831
2.64	103.00	722	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

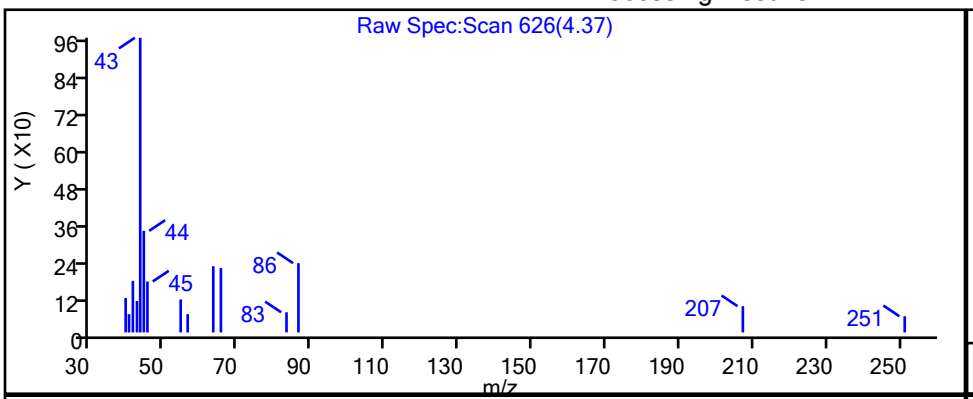
User Disabled Compound Report

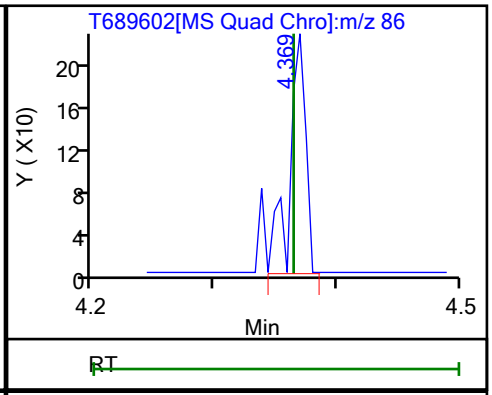
Eurofins Edison

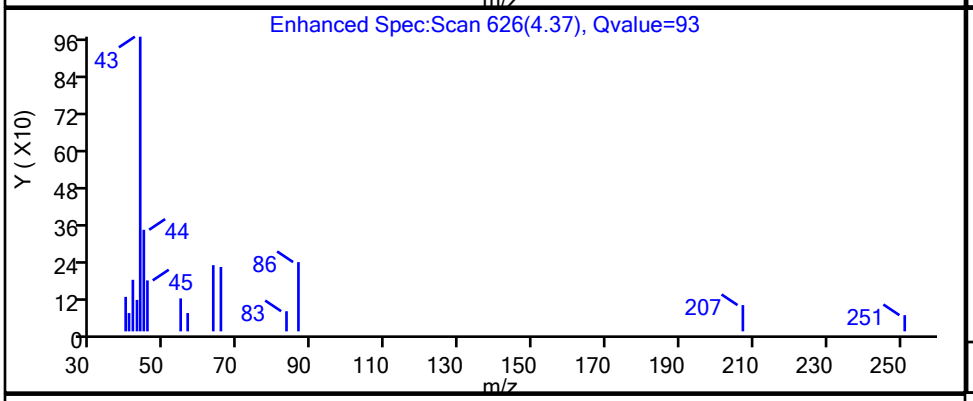
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D				
Injection Date:	19-Apr-2025 04:43:38	Instrument ID:	CVOAMS15		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

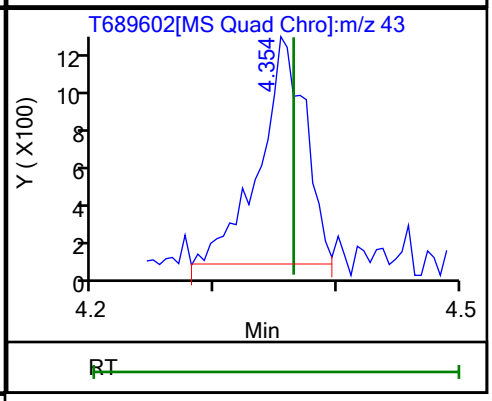
38 Vinyl acetate, CAS: 108-05-4

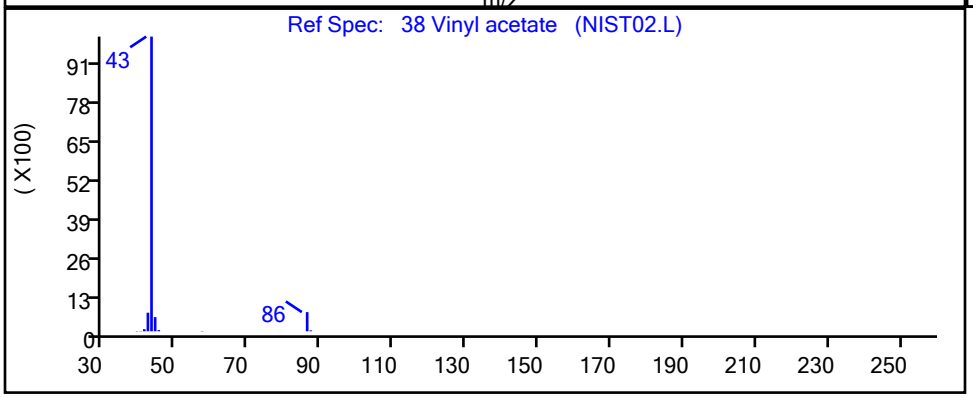
Processing Results











RT	Mass	Response	Amount
4.37	86.00	206	0.176527
4.35	43.00	3247	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

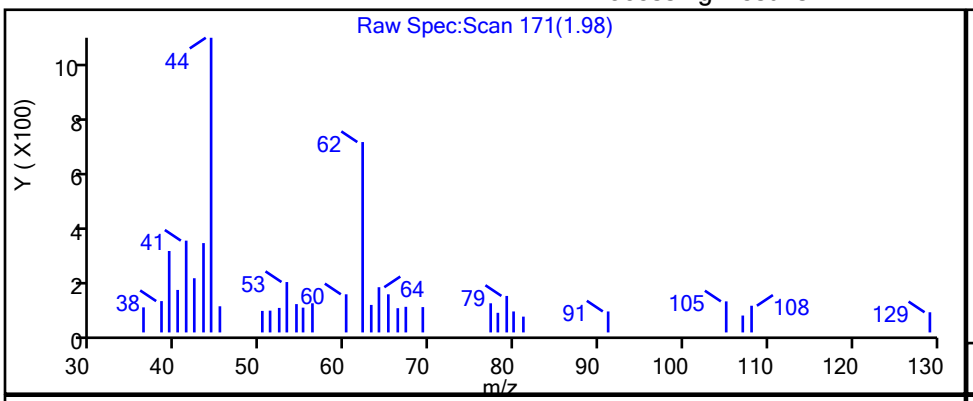
User Disabled Compound Report

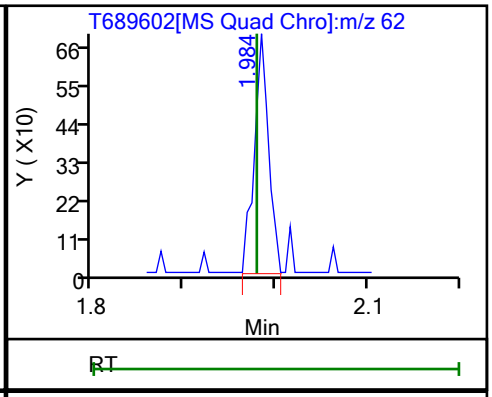
Eurofins Edison

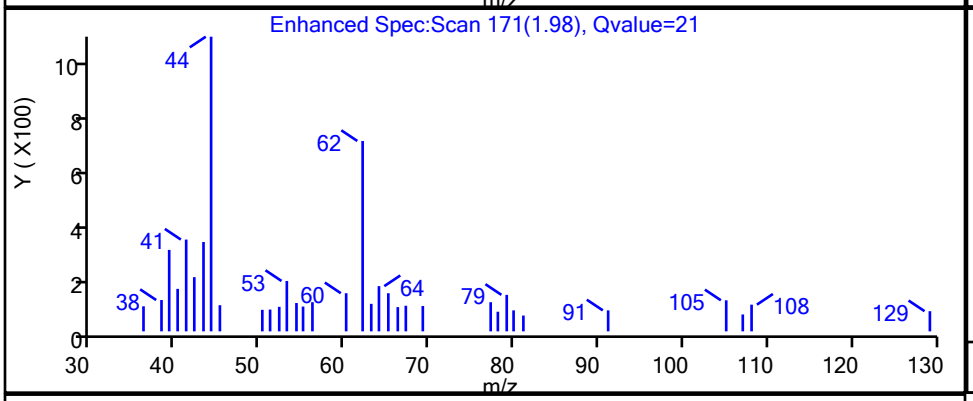
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

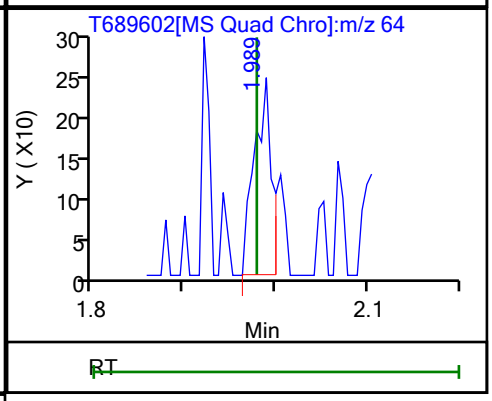
7 Vinyl chloride, CAS: 75-01-4

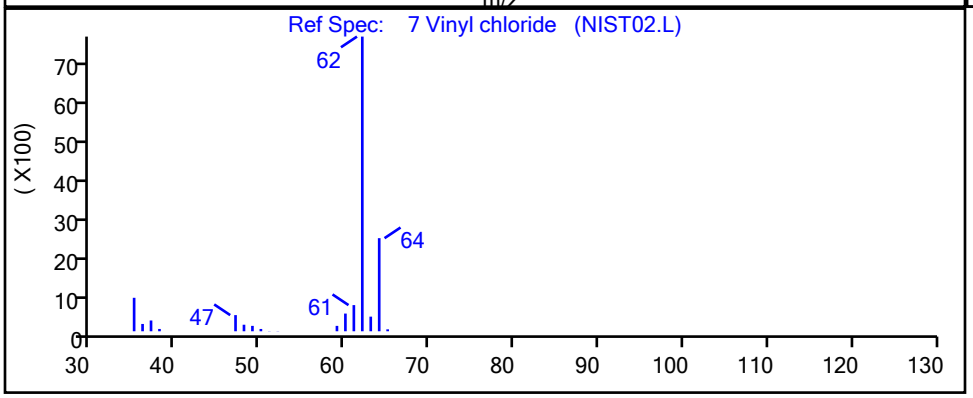
Processing Results











RT	Mass	Response	Amount
1.98	62.00	758	0.209001
1.99	64.00	325	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 19-Apr-2025 05:06:23 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0189481-004
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:08:28 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 09:11:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	2.015	2.015	0.000	67	953	0.2500	0.2578	
* 31 TBA-d9 (IS)	66	3.620	3.620	0.000	95	46741	1000.0	1000.0	
33 Acrylonitrile	53	3.945	3.940	0.005	74	1834	2.00	1.78	M
* 42 2-Butanone-d5	46	4.899	4.899	0.000	47	162445	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.471	0.000	96	155912	50.0	49.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.885	5.885	0.000	95	196160	50.0	48.3	
* 65 Fluorobenzene	96	6.236	6.231	0.005	99	549239	50.0	50.0	
* 73 1,4-Dioxane-d8	96	7.049	7.054	-0.005	1	31717	1000.0	1000.0	
80 Epichlorohydrin	57	7.840	7.846	-0.006	16	1254	5.00	3.96	M
$ 83 Toluene-d8 (Surr)	98	8.249	8.249	0.000	98	536613	50.0	50.4	
* 94 Chlorobenzene-d5	117	10.415	10.415	0.000	87	436837	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	12.140	12.145	-0.005	88	191505	50.0	49.8	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	96	257876	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

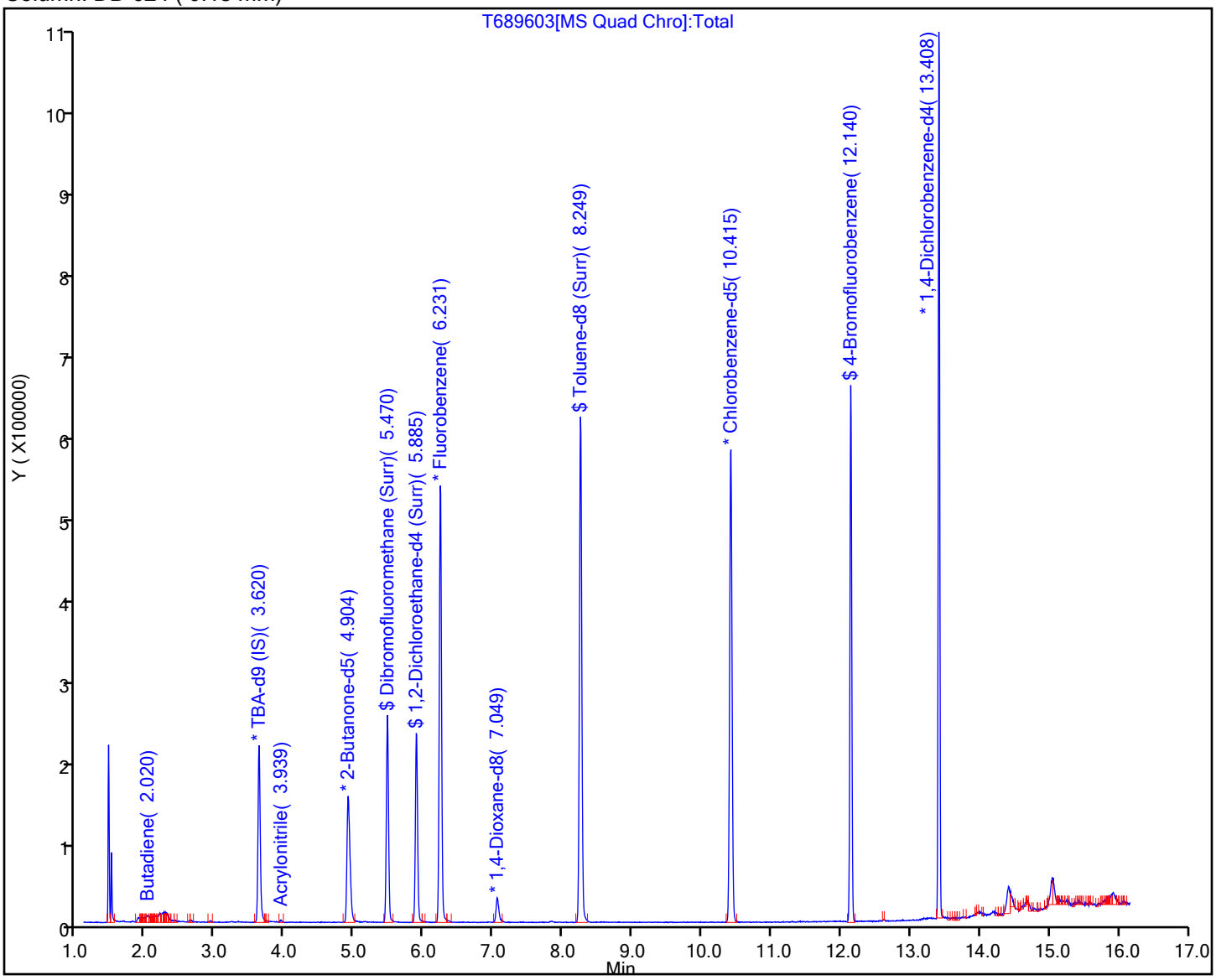
Reagents:

8260MIX1COMB_00203	Amount Added:	0.00	Units: uL	
ACROLEIN W_00182	Amount Added:	0.00	Units: uL	
GASES Li_00637	Amount Added:	2.50	Units: uL	
14DIOXINTER_00183	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00136	Amount Added:	20.00	Units: uL	
Ethanol mix_00100	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00160	Amount Added:	0.00	Units: uL	
MIX I Hi_00187	Amount Added:	0.00	Units: uL	
7 Freons Hi_00026	Amount Added:	0.00	Units: uL	
GAS Hi_00493	Amount Added:	0.00	Units: uL	
524FREONS_00033	Amount Added:	0.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:08:29 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

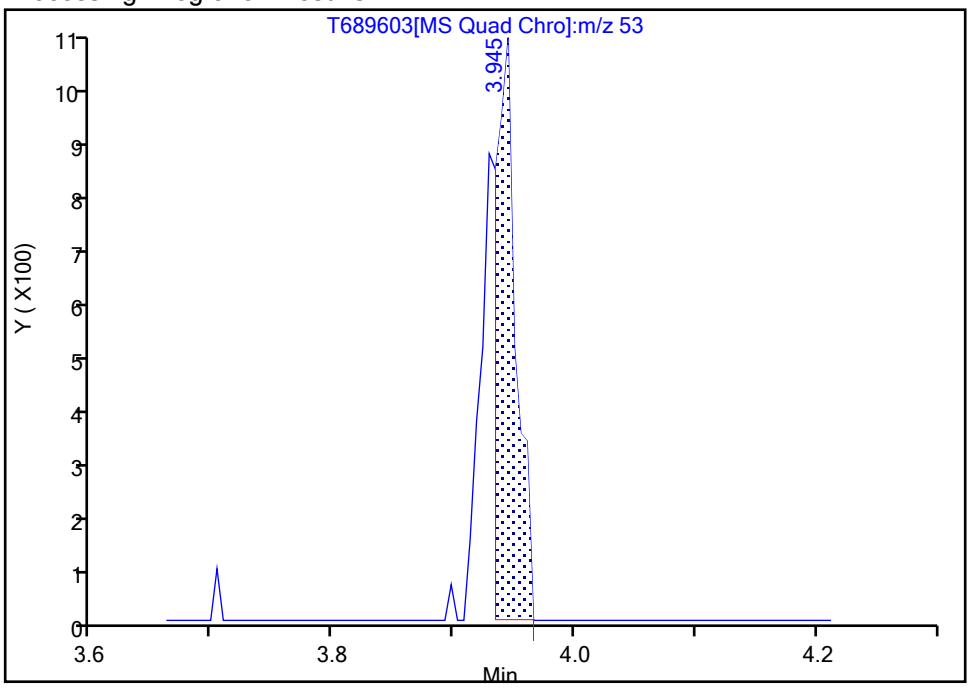
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Acrylonitrile, CAS: 107-13-1

Signal: 1

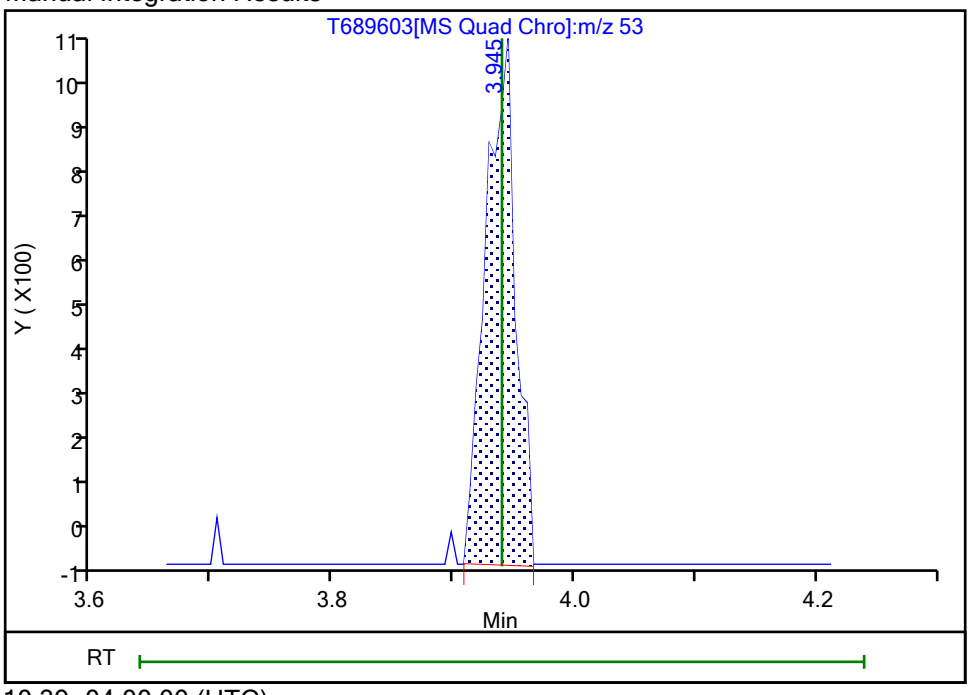
Processing Integration Results

RT: 3.94
Area: 1246
Amount: 1.221096
Amount Units: ug/l



Manual Integration Results

RT: 3.94
Area: 1834
Amount: 1.781987
Amount Units: ug/l



Reviewer: FK2C, 19-Apr-2025 09:10:39 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

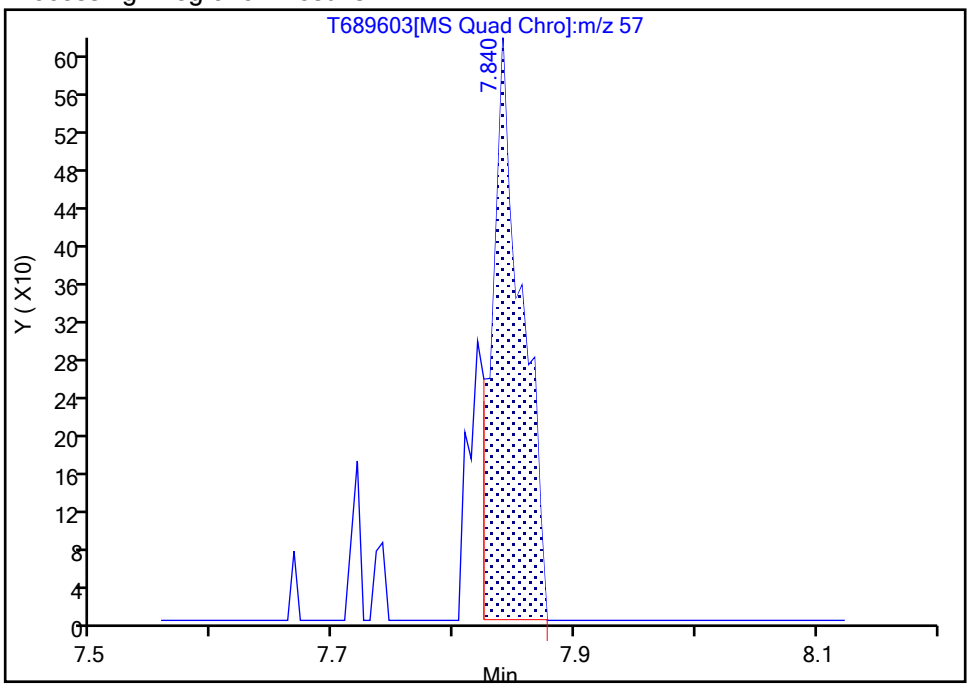
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

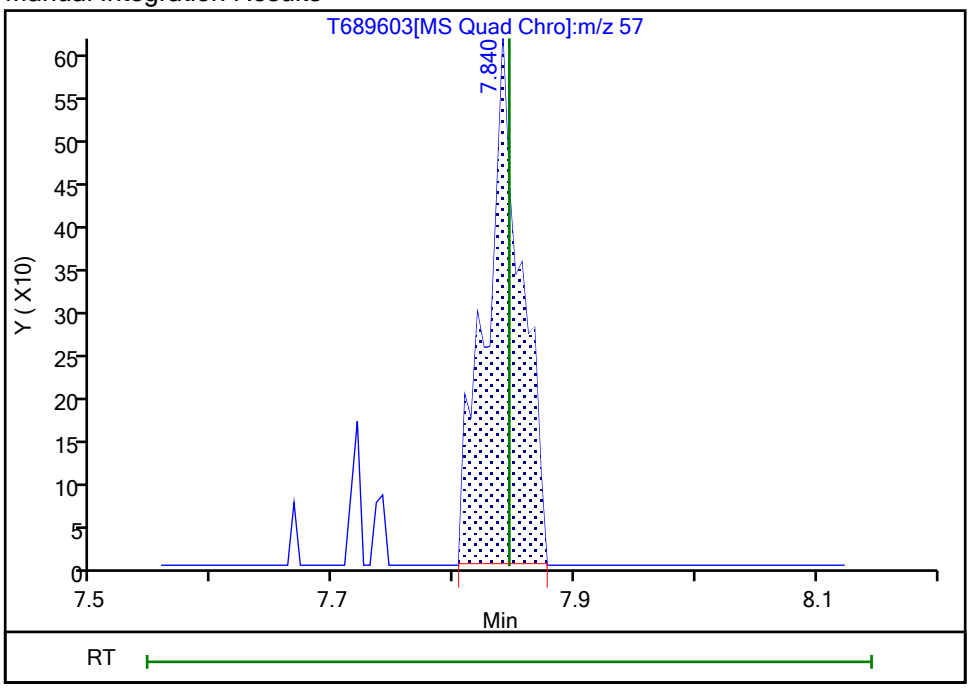
Processing Integration Results

RT: 7.84
Area: 1050
Amount: 3.315903
Amount Units: ug/l



Manual Integration Results

RT: 7.84
Area: 1254
Amount: 3.960334
Amount Units: ug/l



Reviewer: FK2C, 19-Apr-2025 09:10:59 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

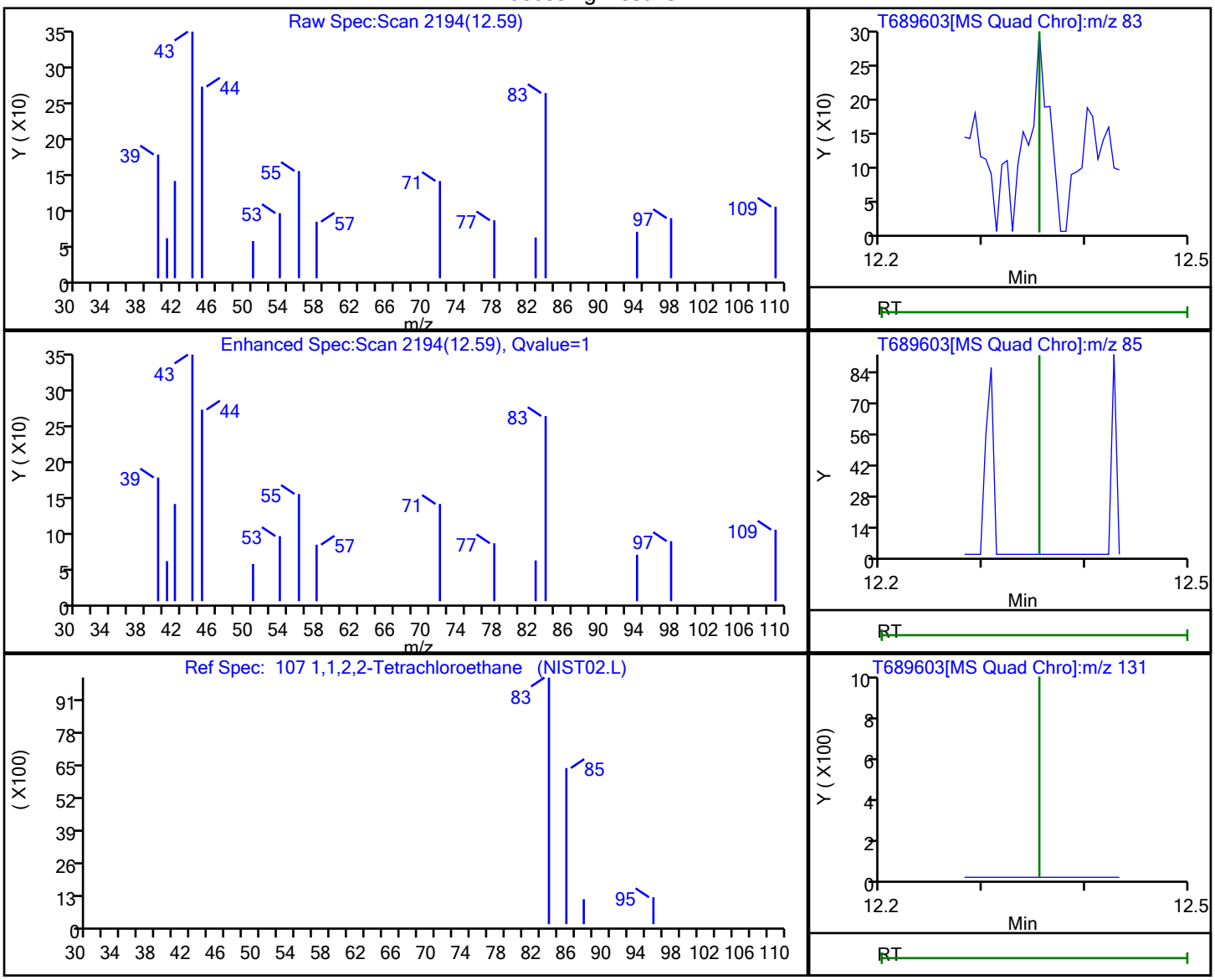
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
12.59	83.00	121	0.030615
12.59	85.00	56	
12.34	131.00	0	

Reviewer: FK2C, 19-Apr-2025 09:11:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

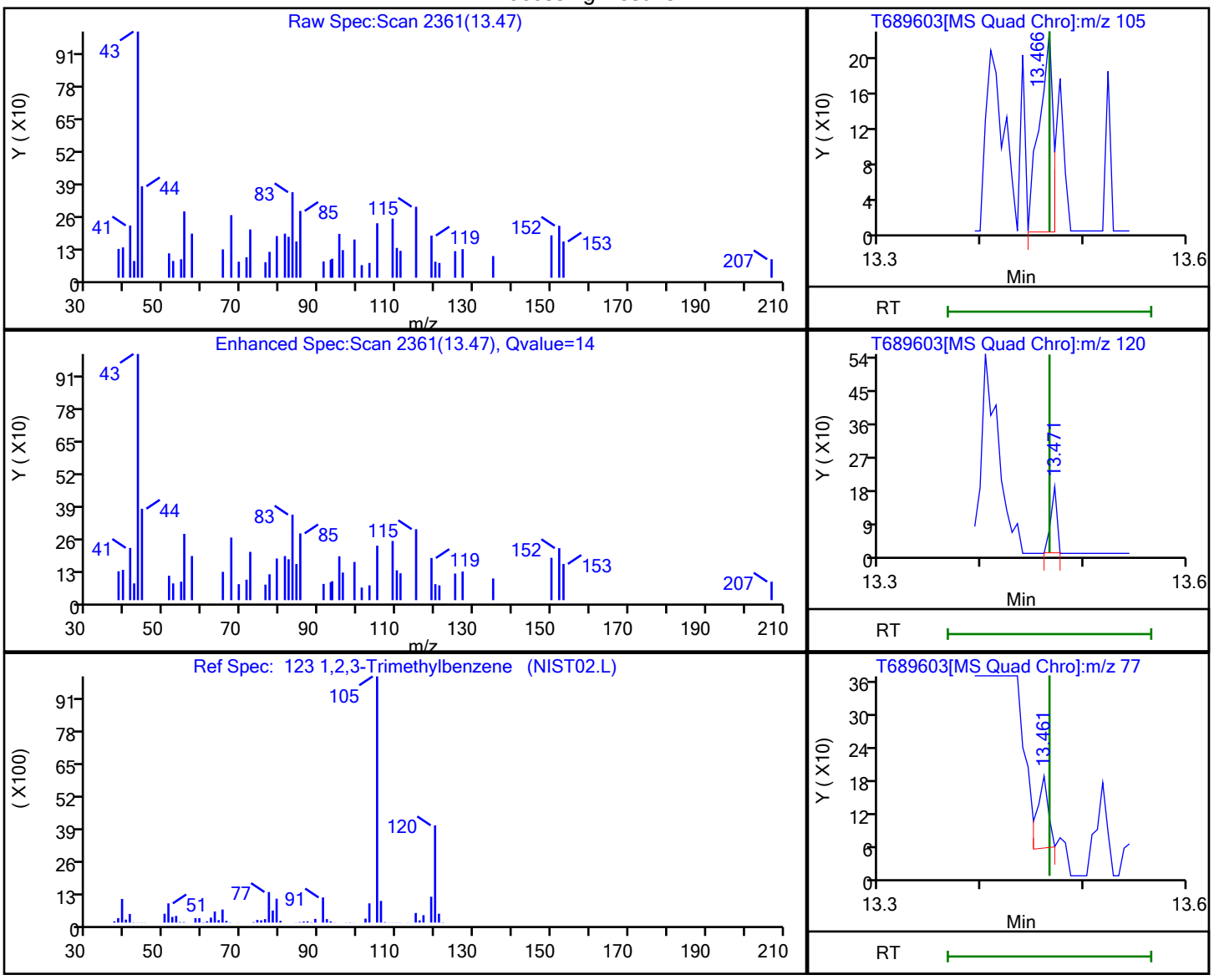
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
13.47	105.00	209	0.012444
13.47	120.00	77	
13.46	77.00	98	

Reviewer: FK2C, 19-Apr-2025 09:11:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

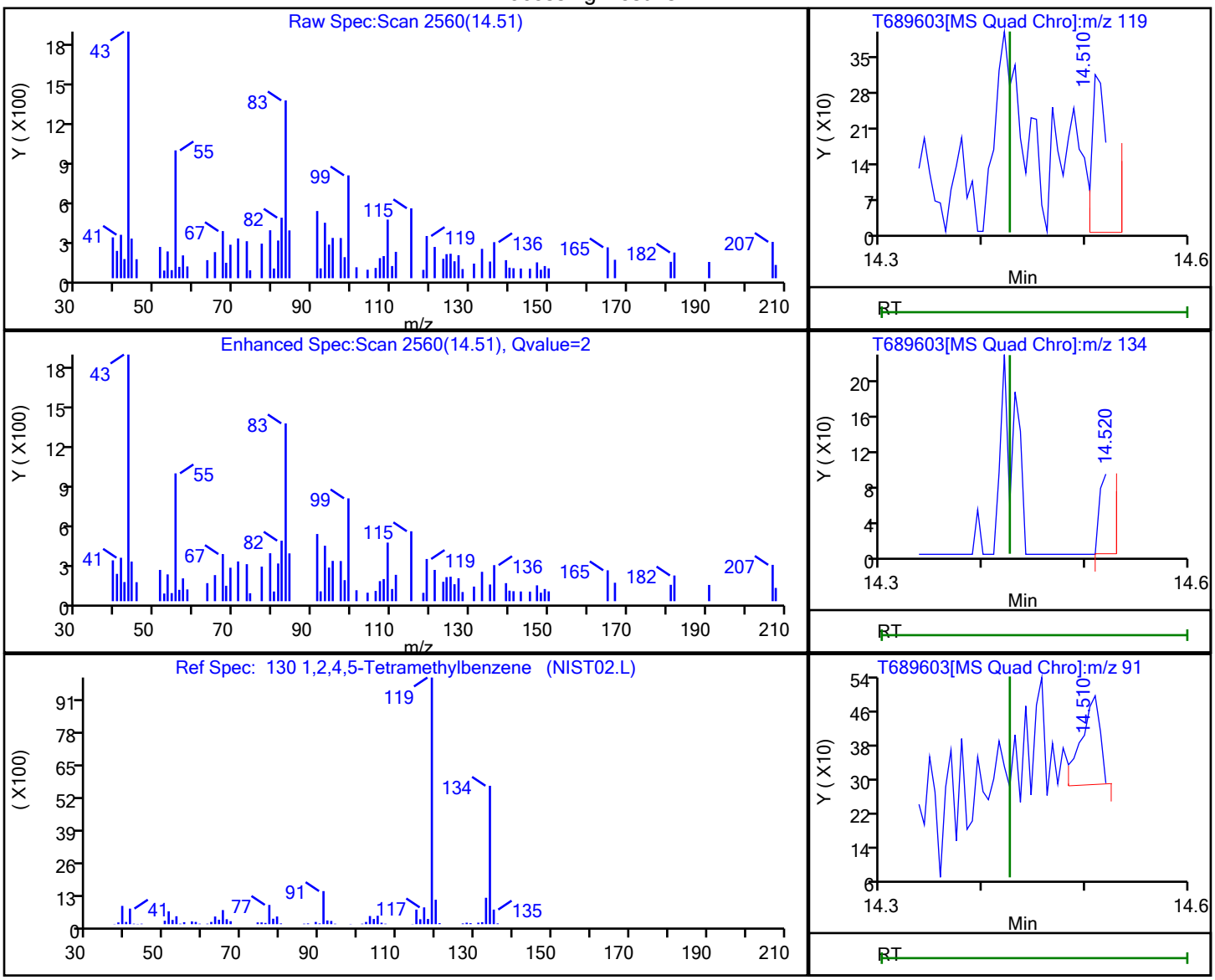
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
14.51	119.00	359	0.025751
14.52	134.00	74	
14.51	91.00	272	

Reviewer: FK2C, 19-Apr-2025 09:11:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

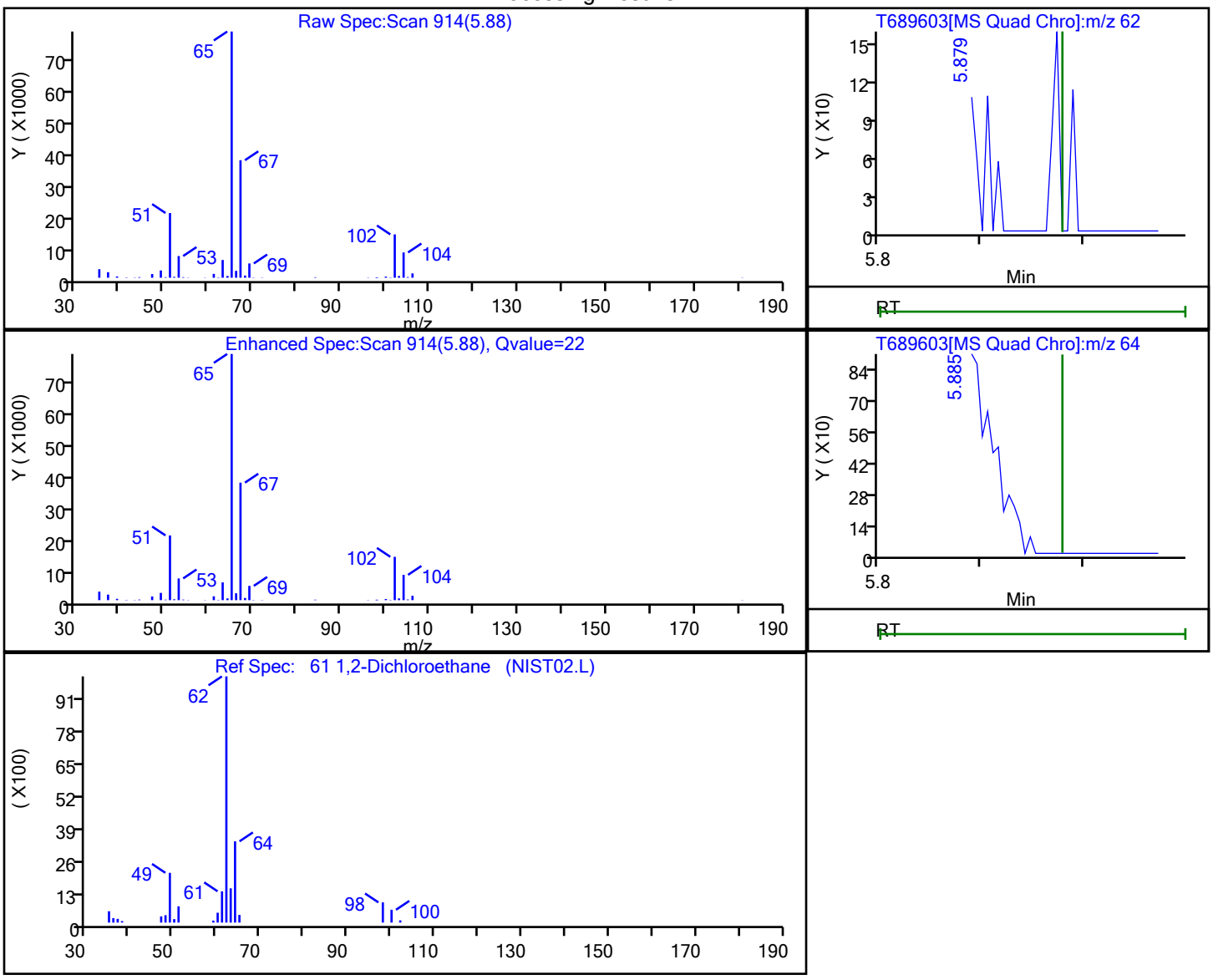
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

61 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.88	62.00	101	0.014952
5.88	64.00	2393	

Reviewer: FK2C, 19-Apr-2025 09:10:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

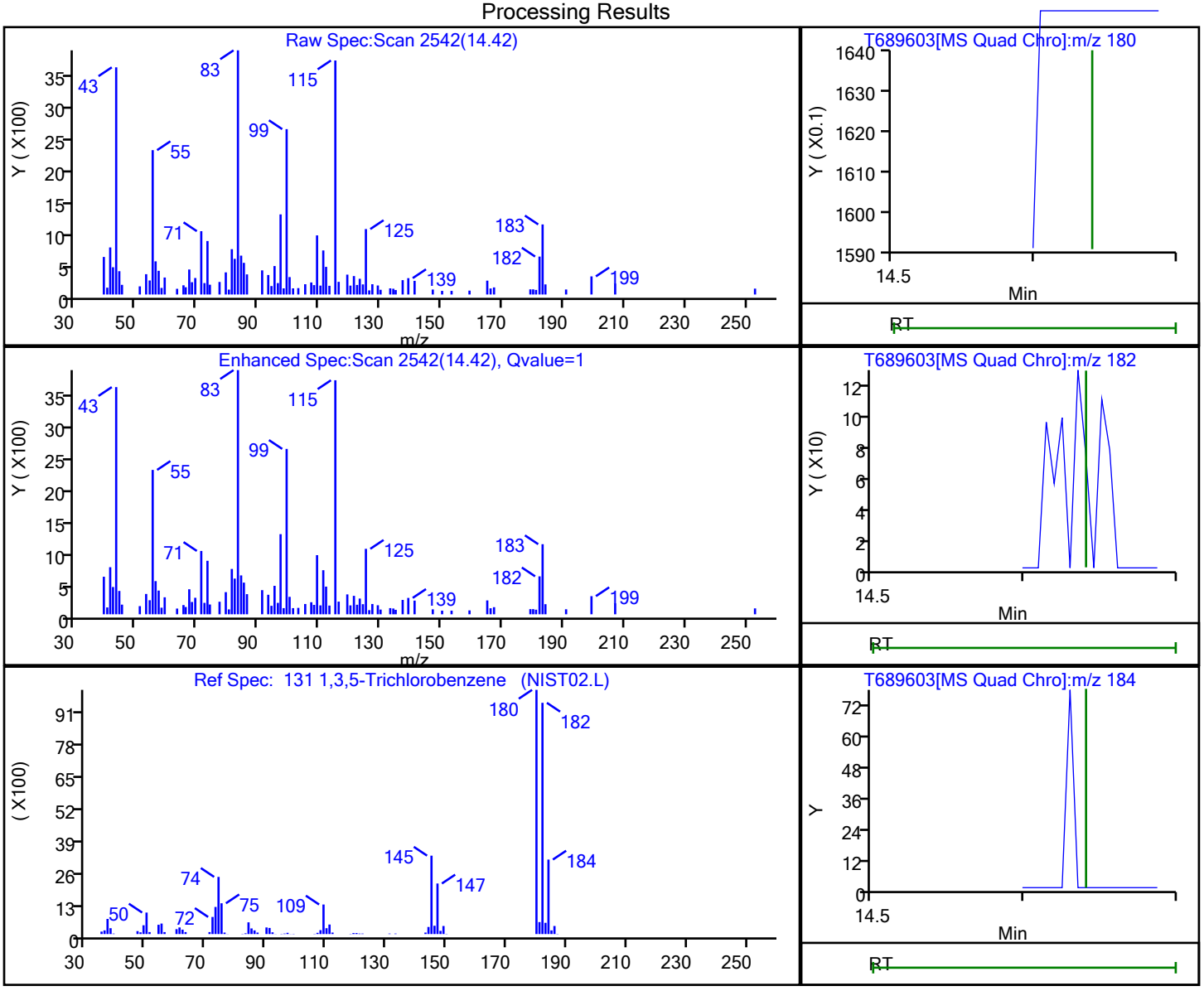
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
14.42	180.00	43	0.007364
14.41	182.00	1749	
14.42	184.00	95	

Reviewer: FK2C, 19-Apr-2025 09:11:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

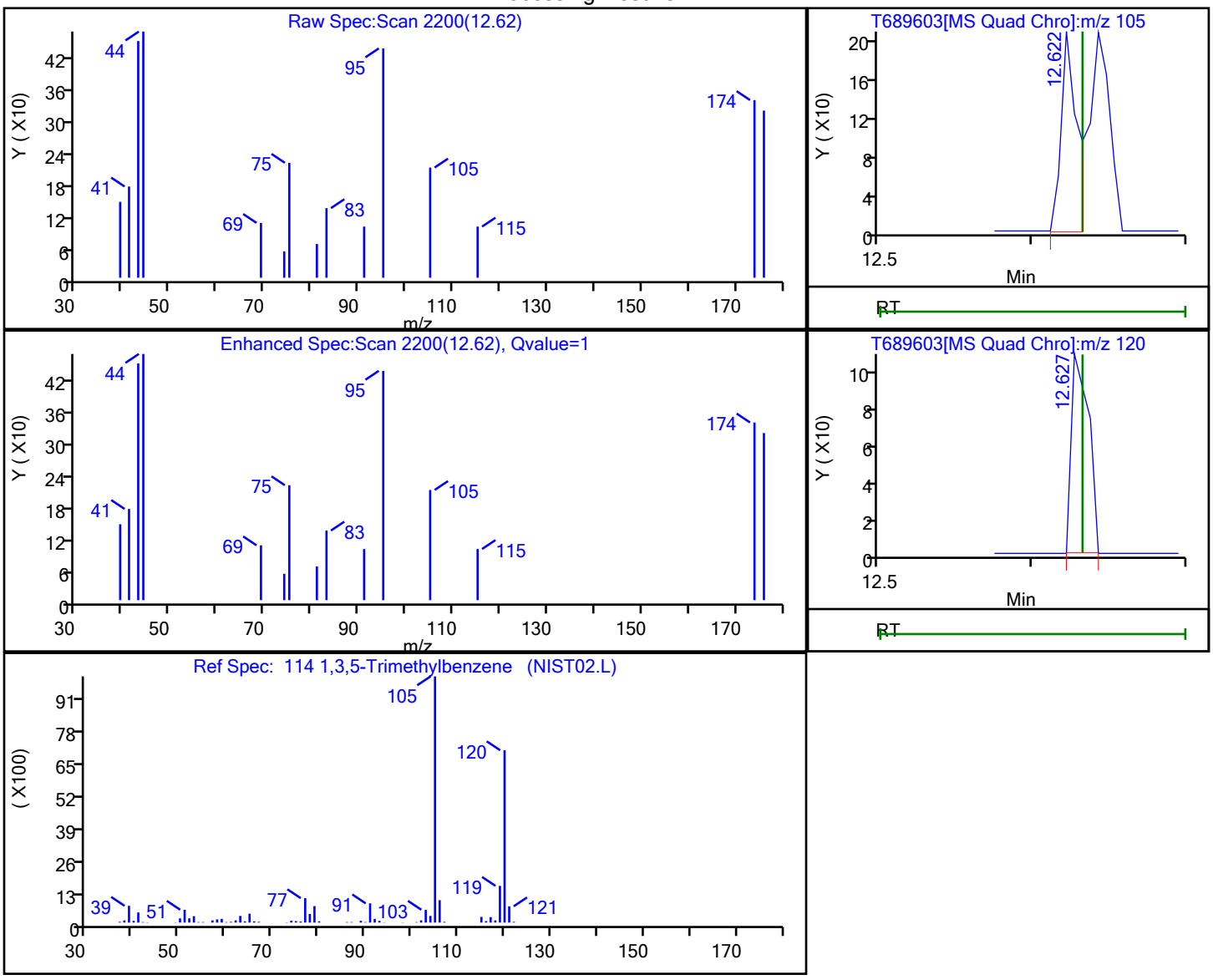
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
12.62	105.00	152	0.009476
12.63	120.00	81	

Reviewer: FK2C, 19-Apr-2025 09:11:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

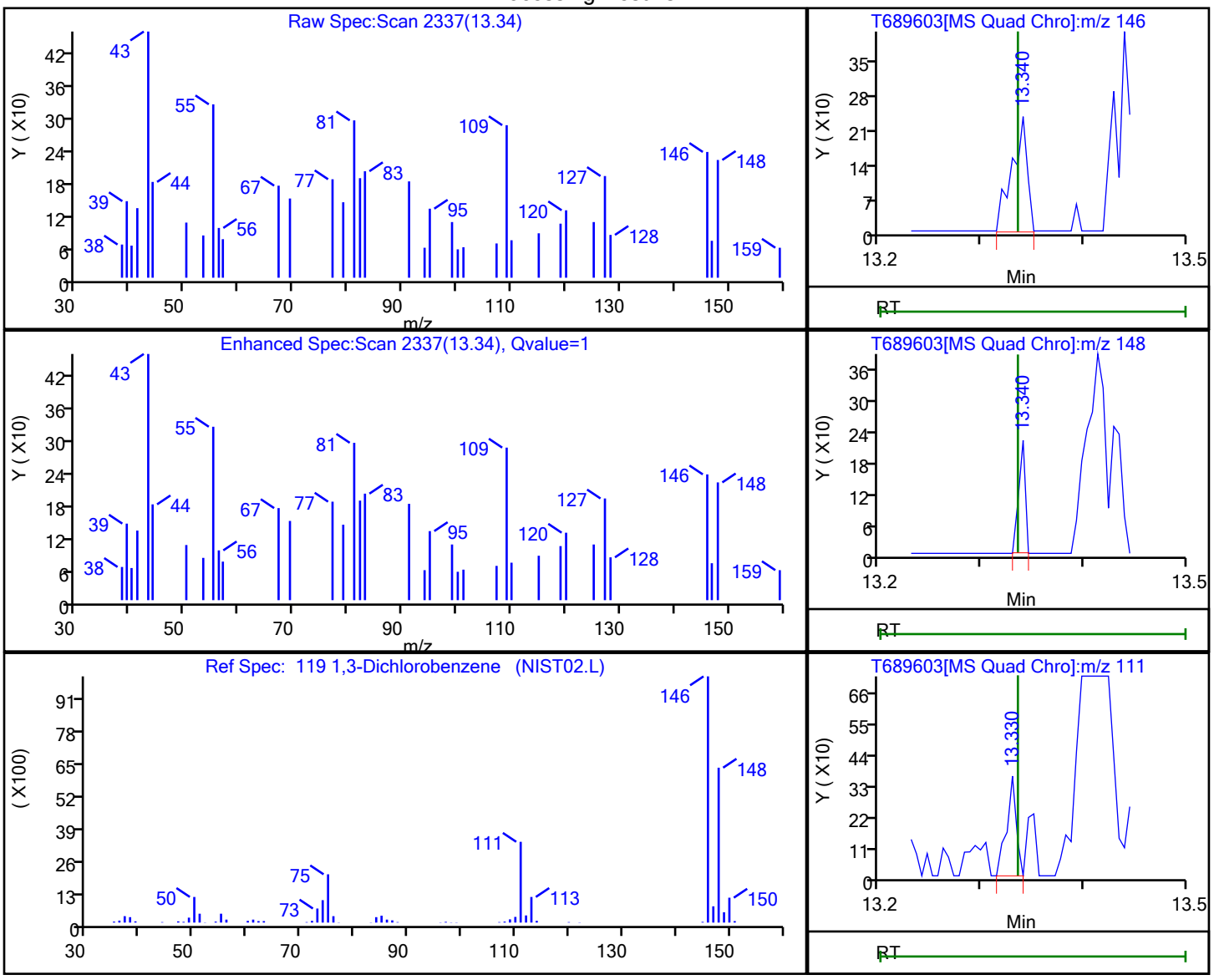
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
13.34	146.00	244	0.026728
13.34	148.00	100	
13.33	111.00	238	

Reviewer: FK2C, 19-Apr-2025 09:11:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

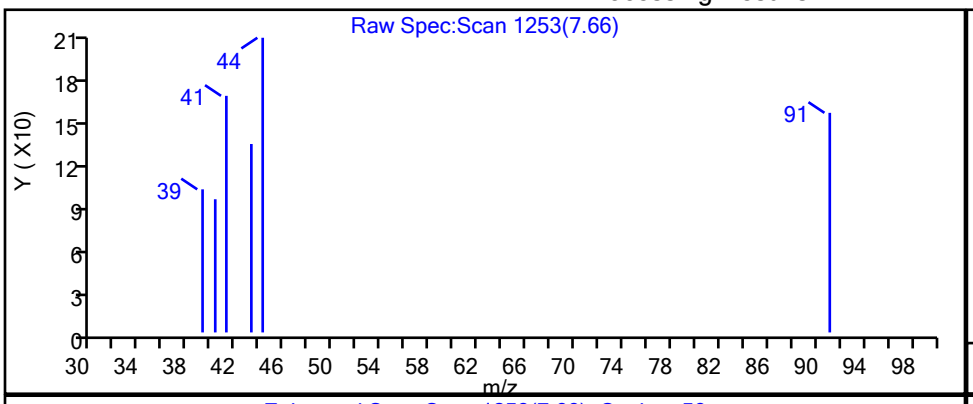
User Disabled Compound Report

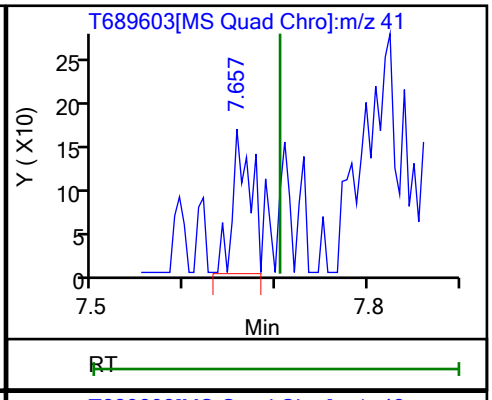
Eurofins Edison

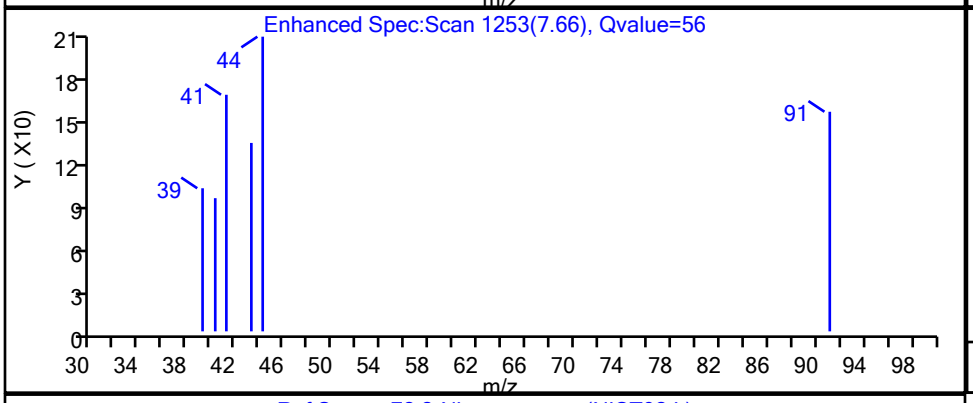
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

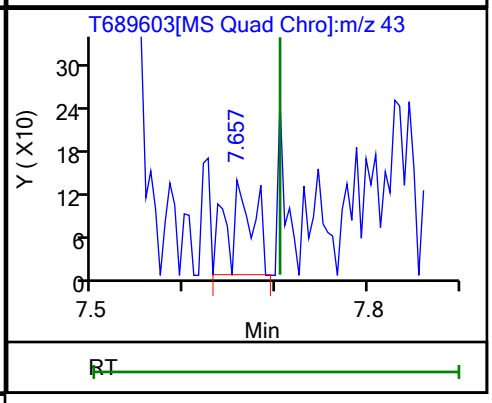
78 2-Nitropropane, CAS: 79-46-9

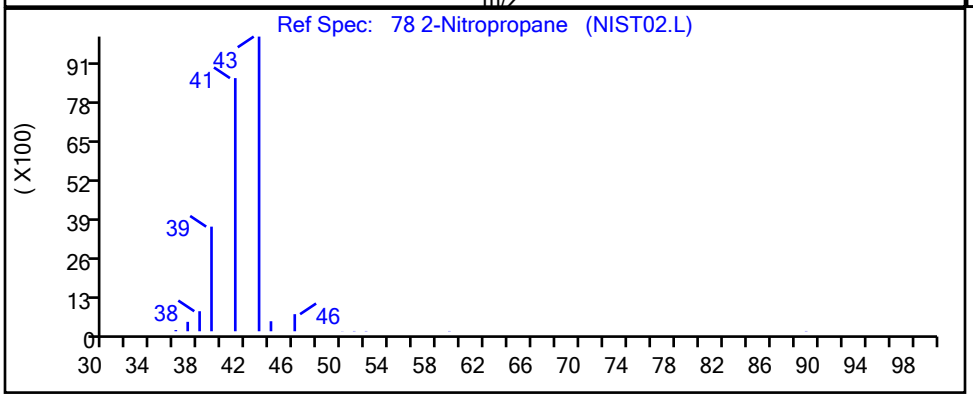
Processing Results











RT	Mass	Response	Amount
7.66	41.00	229	0.225908
7.66	43.00	265	

Reviewer: FK2C, 19-Apr-2025 09:10:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

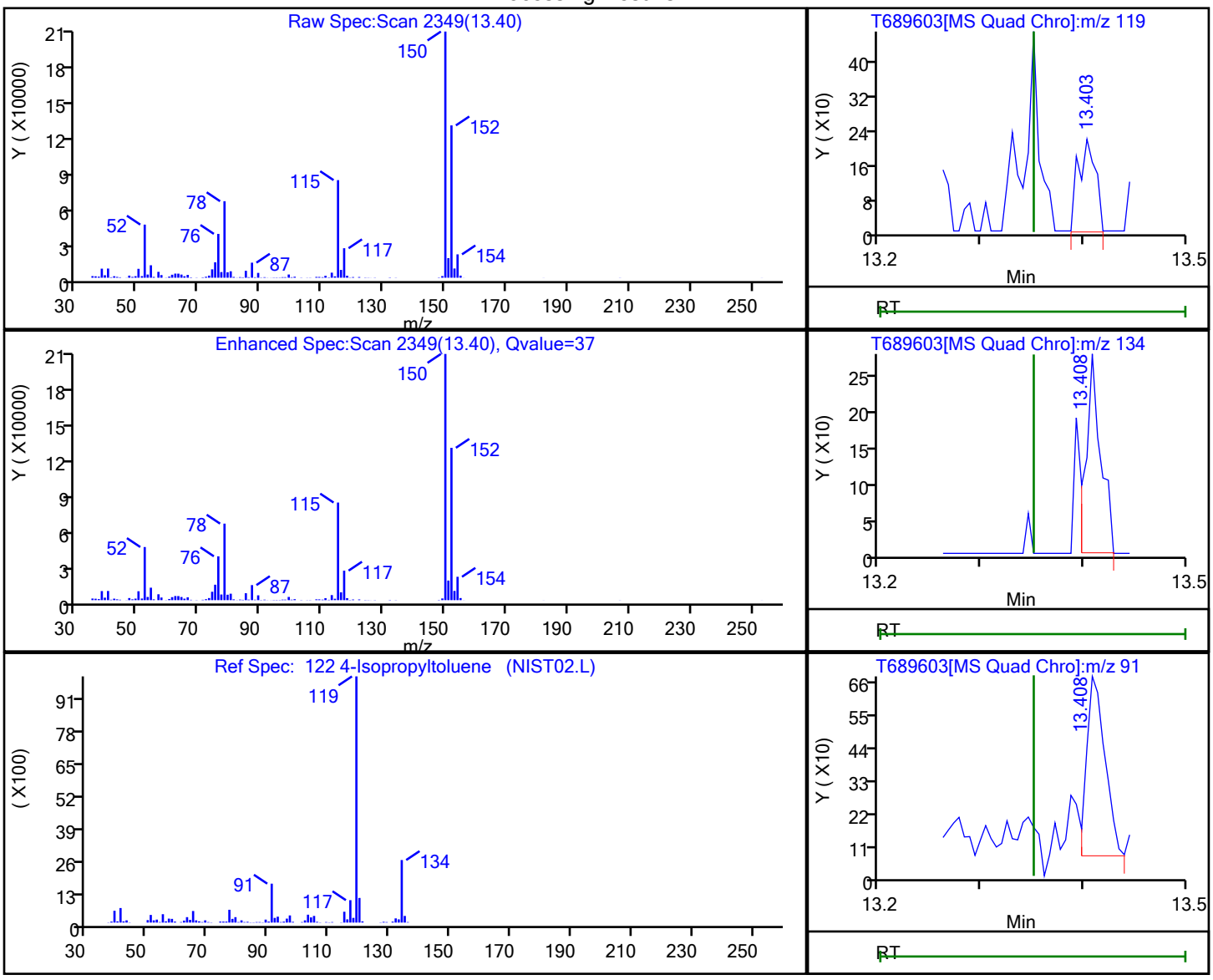
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
13.40	119.00	254	0.015288
13.41	134.00	272	
13.41	91.00	749	

Reviewer: FK2C, 19-Apr-2025 09:11:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

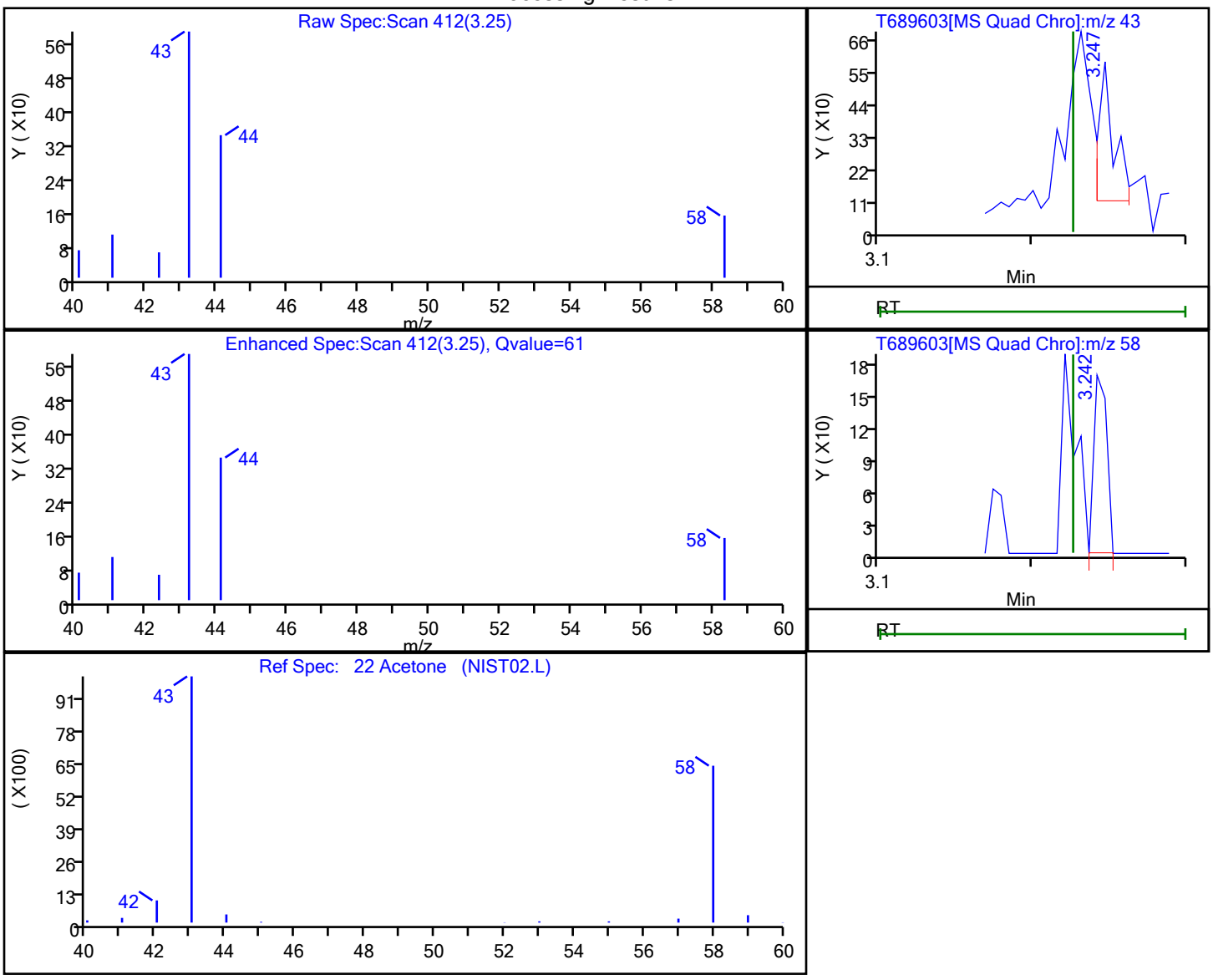
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.25	43.00	342	0.333433
3.24	58.00	99	

Reviewer: FK2C, 19-Apr-2025 09:10:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

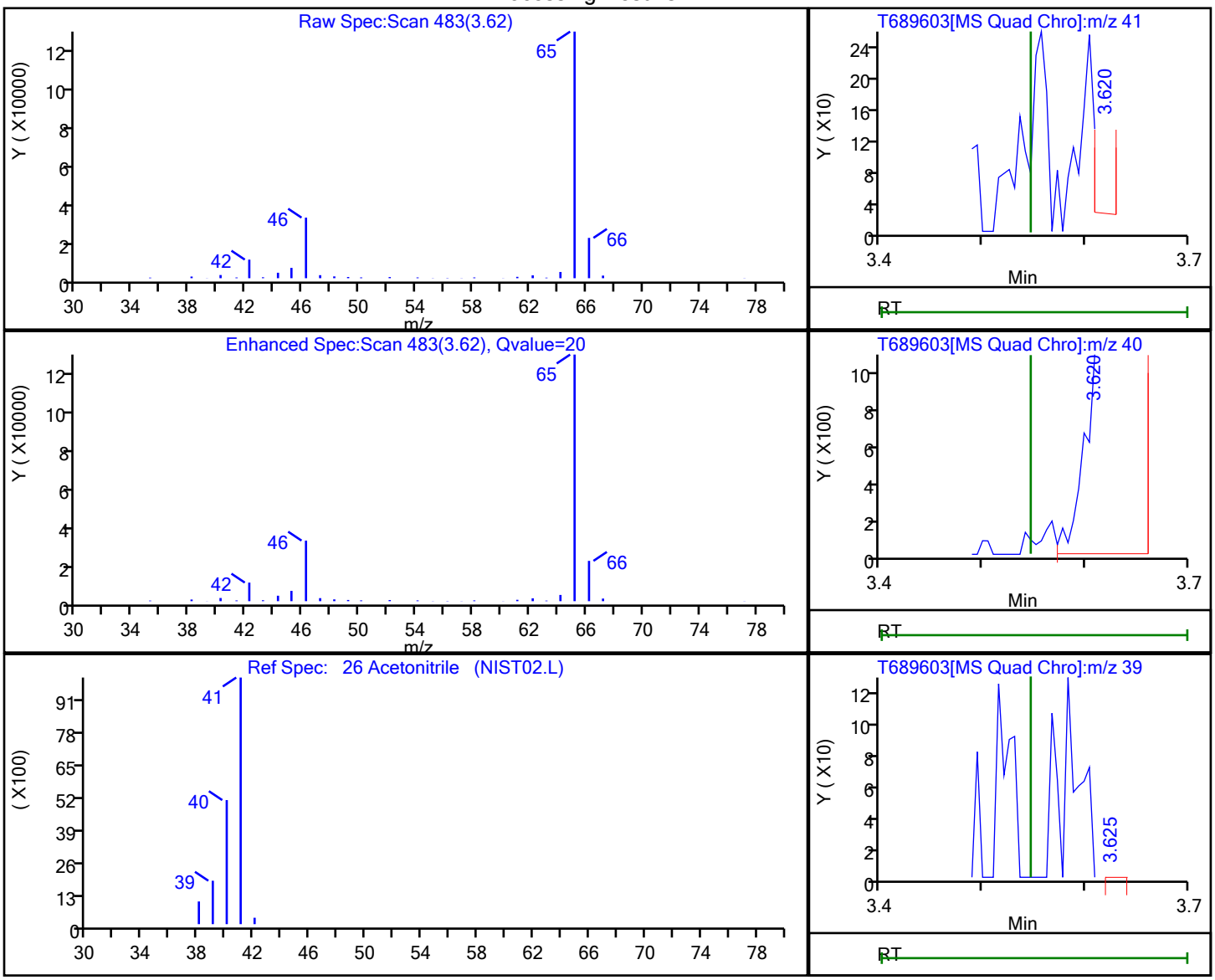
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.62	41.00	345	0.664985
3.62	40.00	3555	
3.62	39.00	166	
3.62	38.00	796	

Reviewer: FK2C, 19-Apr-2025 09:10:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

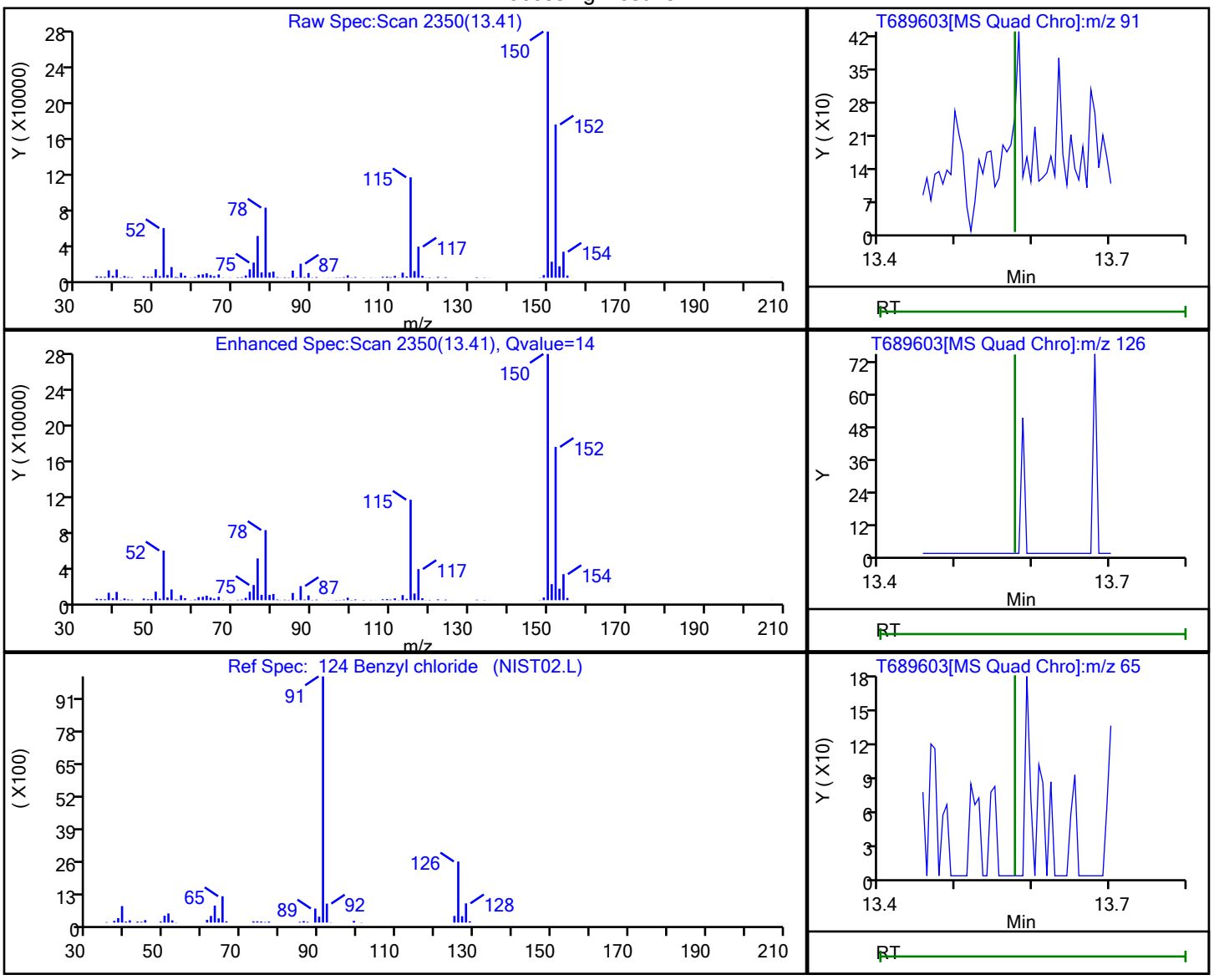
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
13.41	91.00	749	0.088802
13.41	126.00	64	
13.41	65.00	2425	

Reviewer: FK2C, 19-Apr-2025 09:11:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

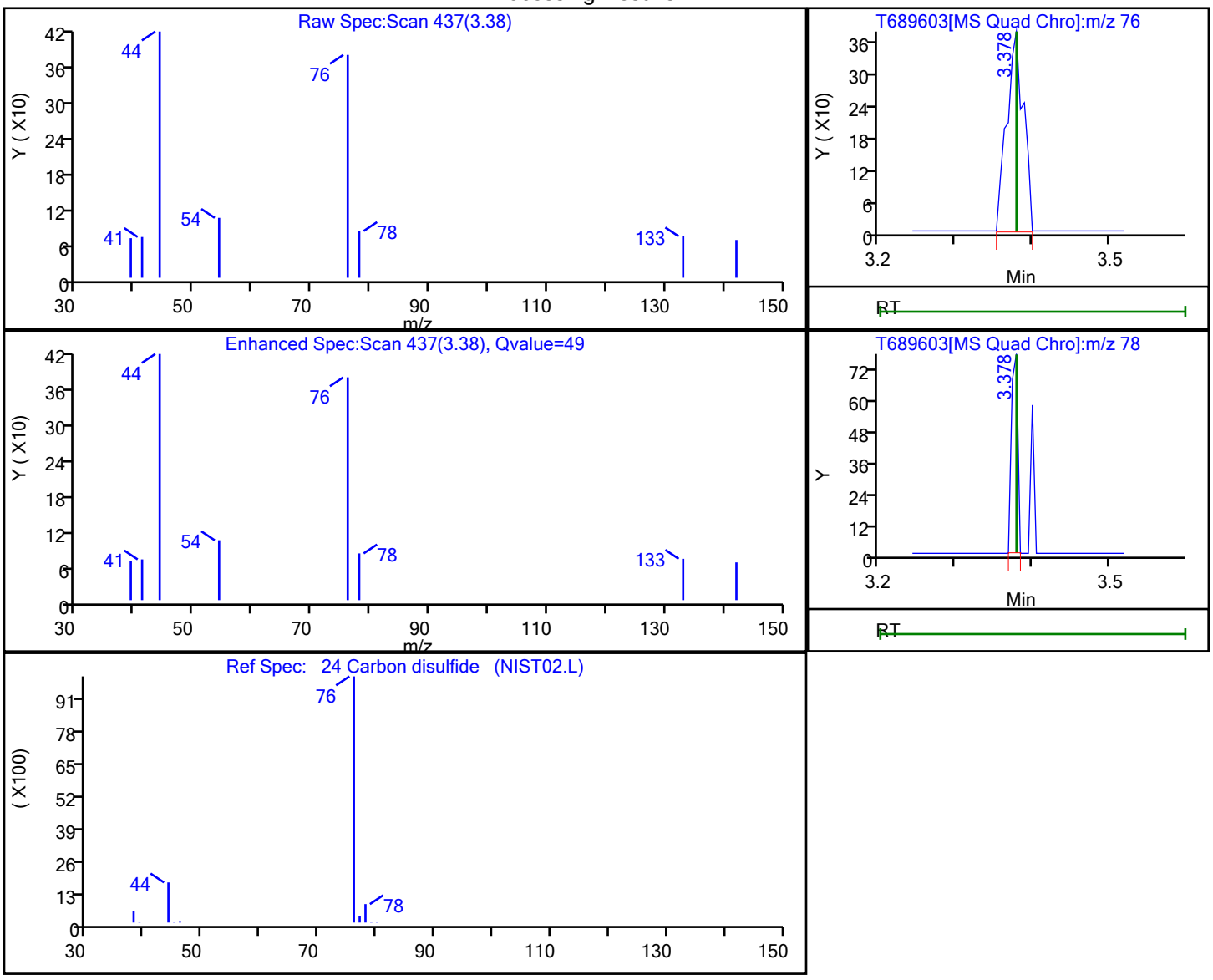
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
3.38	76.00	565	0.049809
3.38	78.00	46	

Reviewer: FK2C, 19-Apr-2025 09:10:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

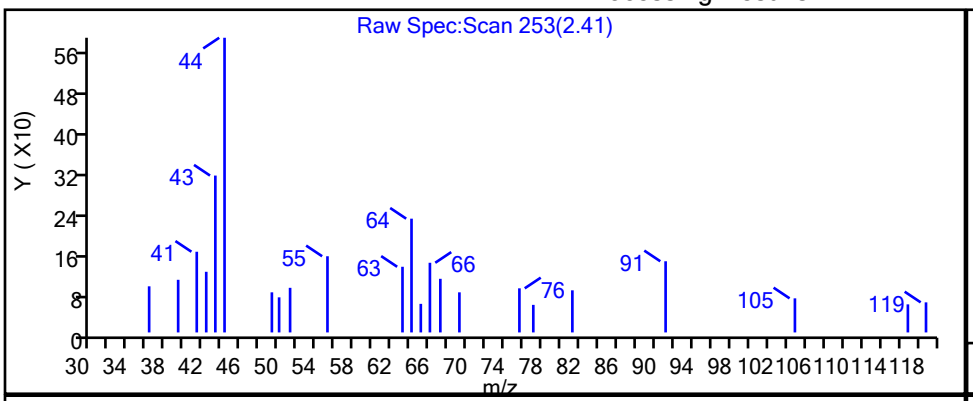
User Disabled Compound Report

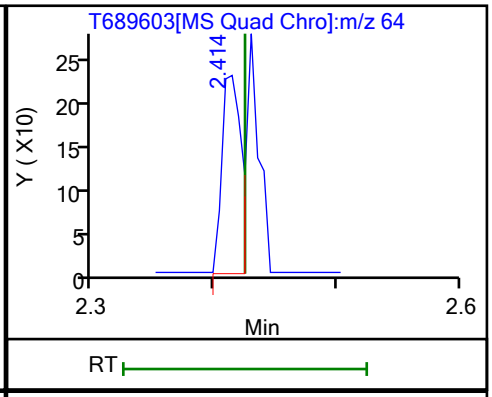
Eurofins Edison

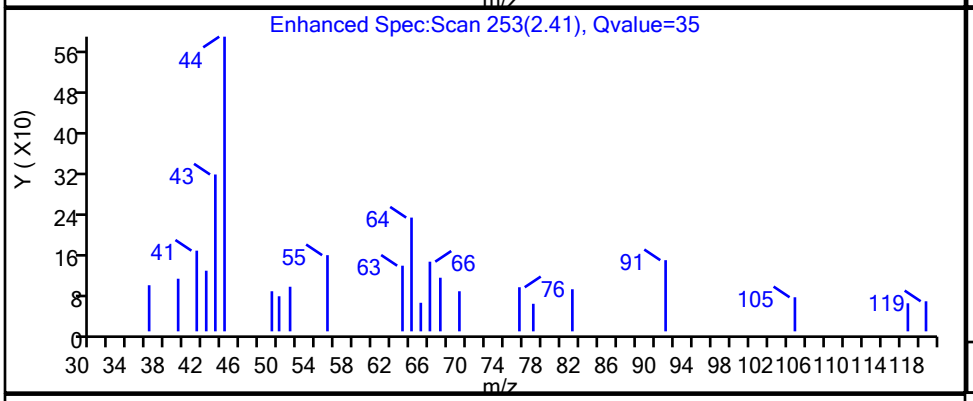
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

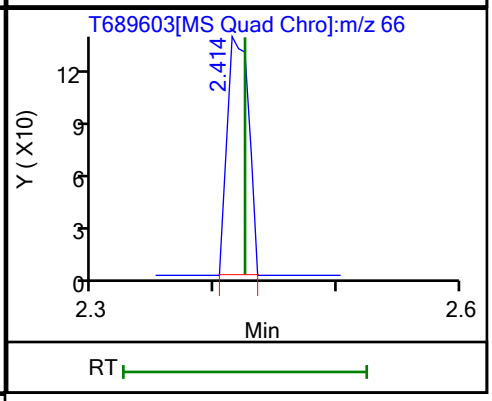
10 Chloroethane, CAS: 75-00-3

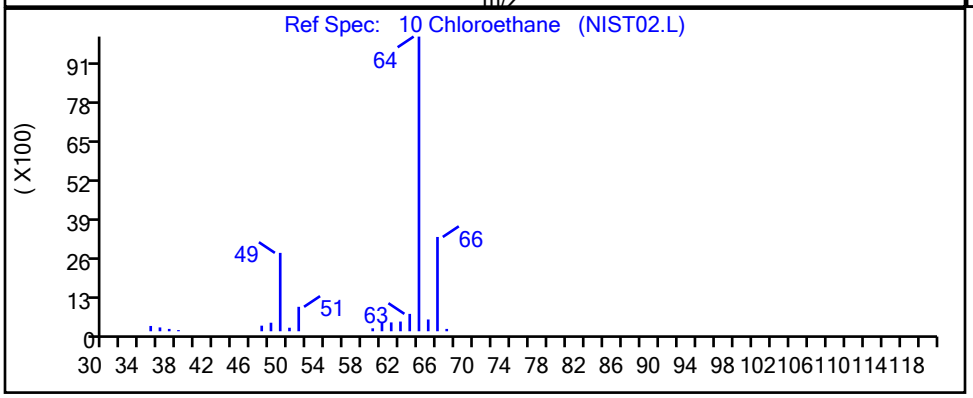
Processing Results











RT	Mass	Response	Amount
2.41	64.00	256	0.117678
2.41	66.00	170	

Reviewer: FK2C, 19-Apr-2025 09:10:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

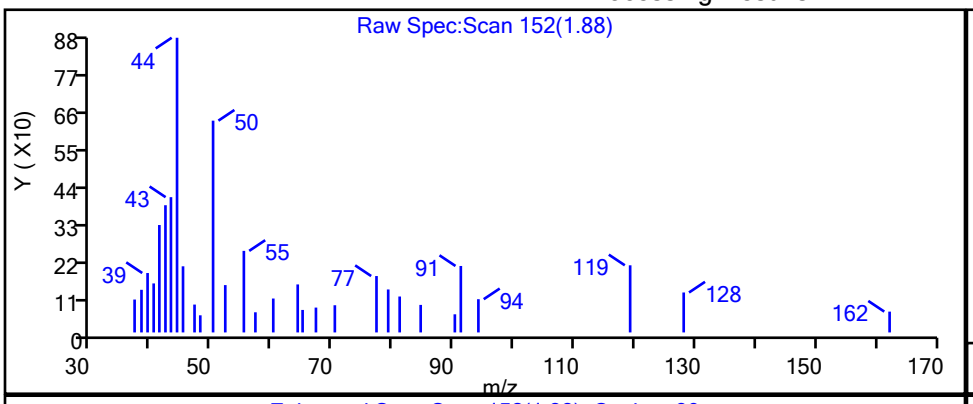
User Disabled Compound Report

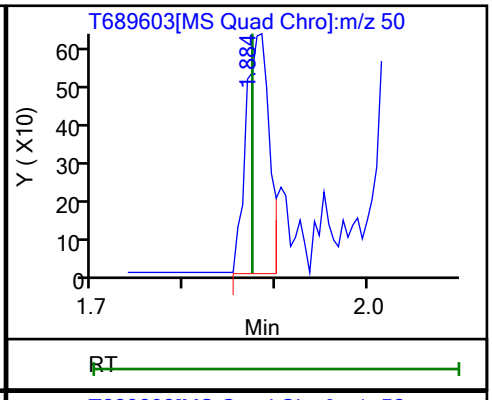
Eurofins Edison

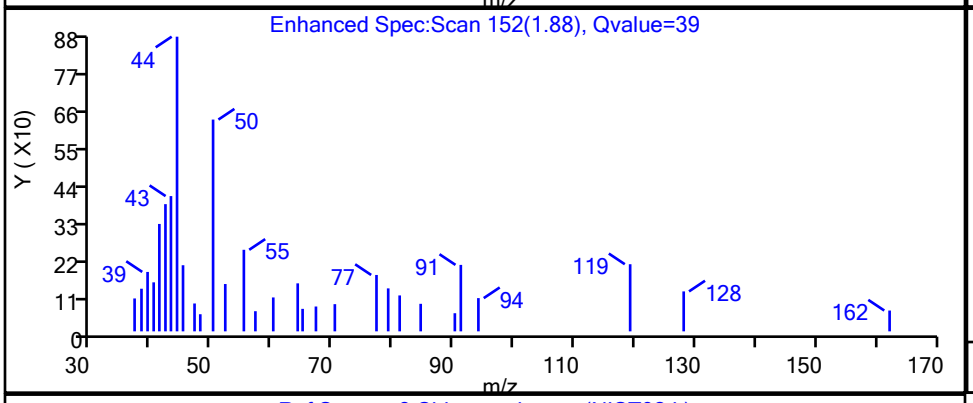
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

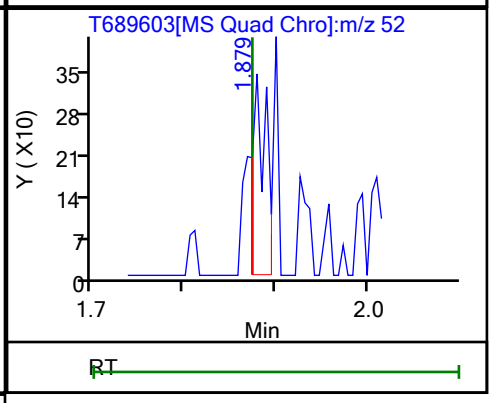
6 Chloromethane, CAS: 74-87-3

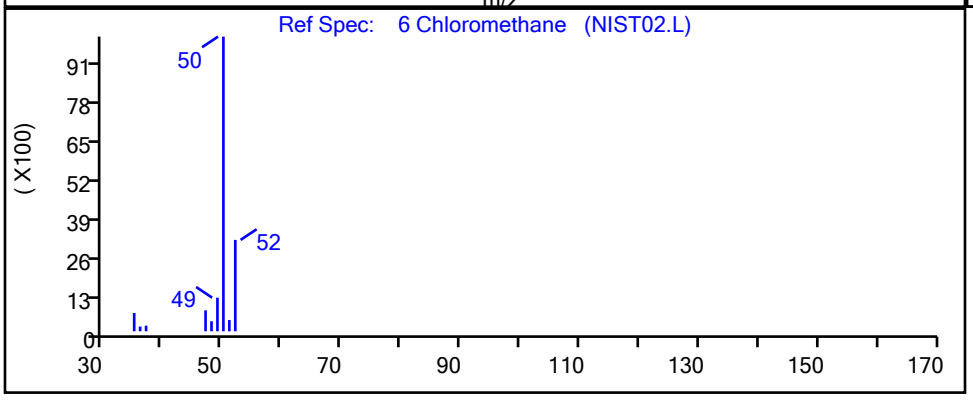
Processing Results











RT	Mass	Response	Amount
1.88	50.00	1114	0.237900
1.88	52.00	347	

Reviewer: FK2C, 19-Apr-2025 09:10:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

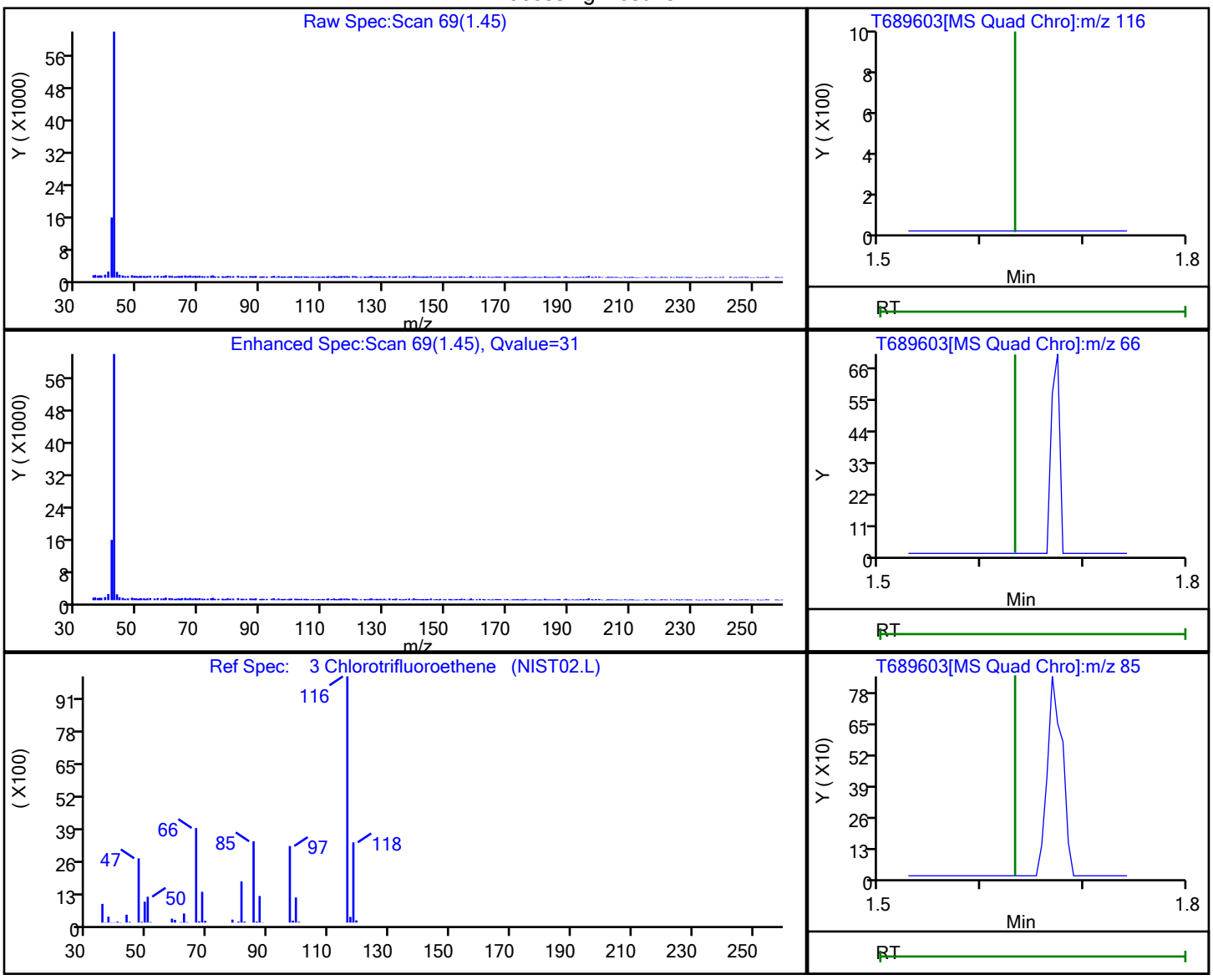
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.45	116.00	611	0.688513
1.45	66.00	554	
1.45	85.00	477	
1.46	118.00	465	

Reviewer: FK2C, 19-Apr-2025 09:10:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

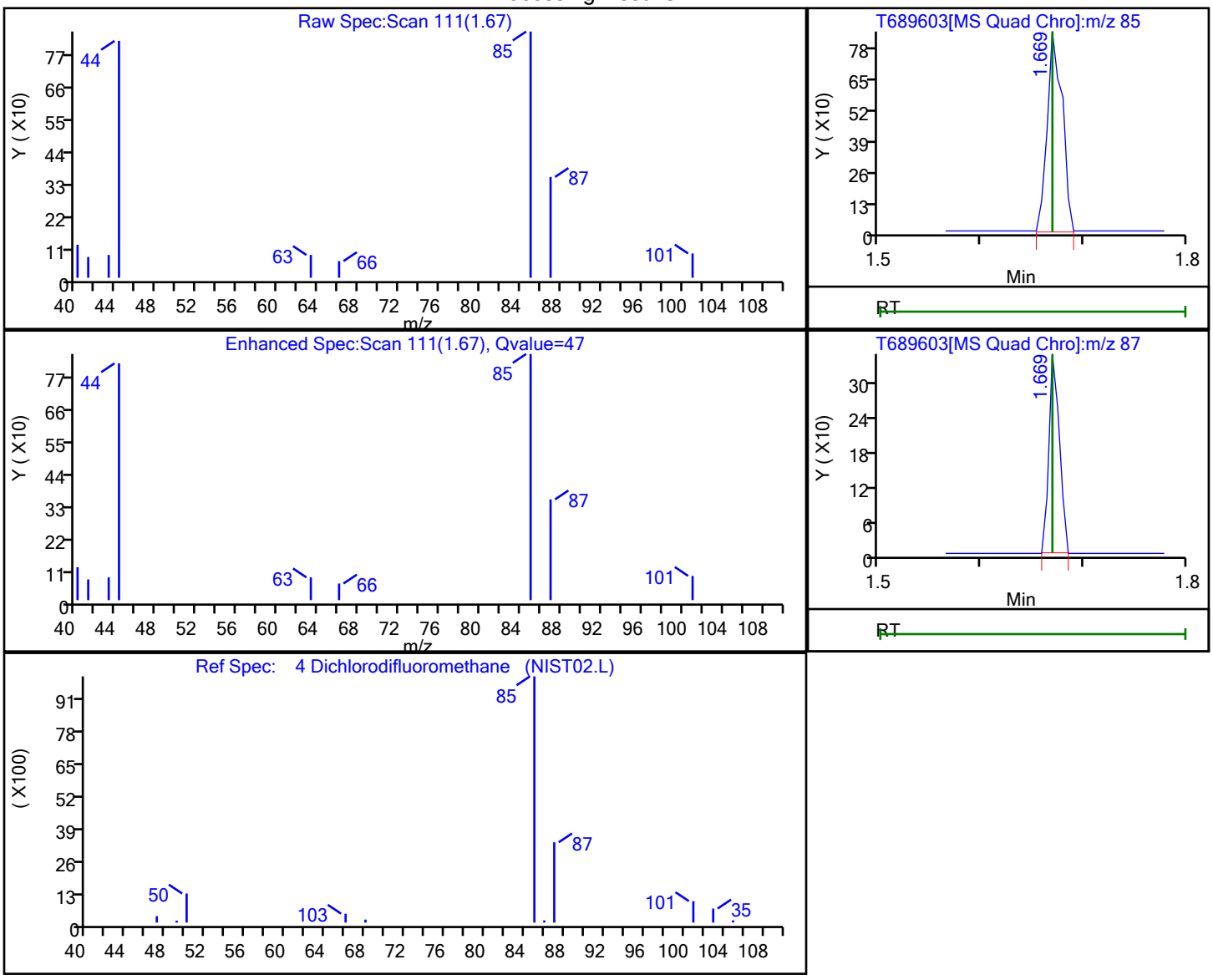
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.67	85.00	863	0.166506
1.67	87.00	249	

Reviewer: FK2C, 19-Apr-2025 09:10:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

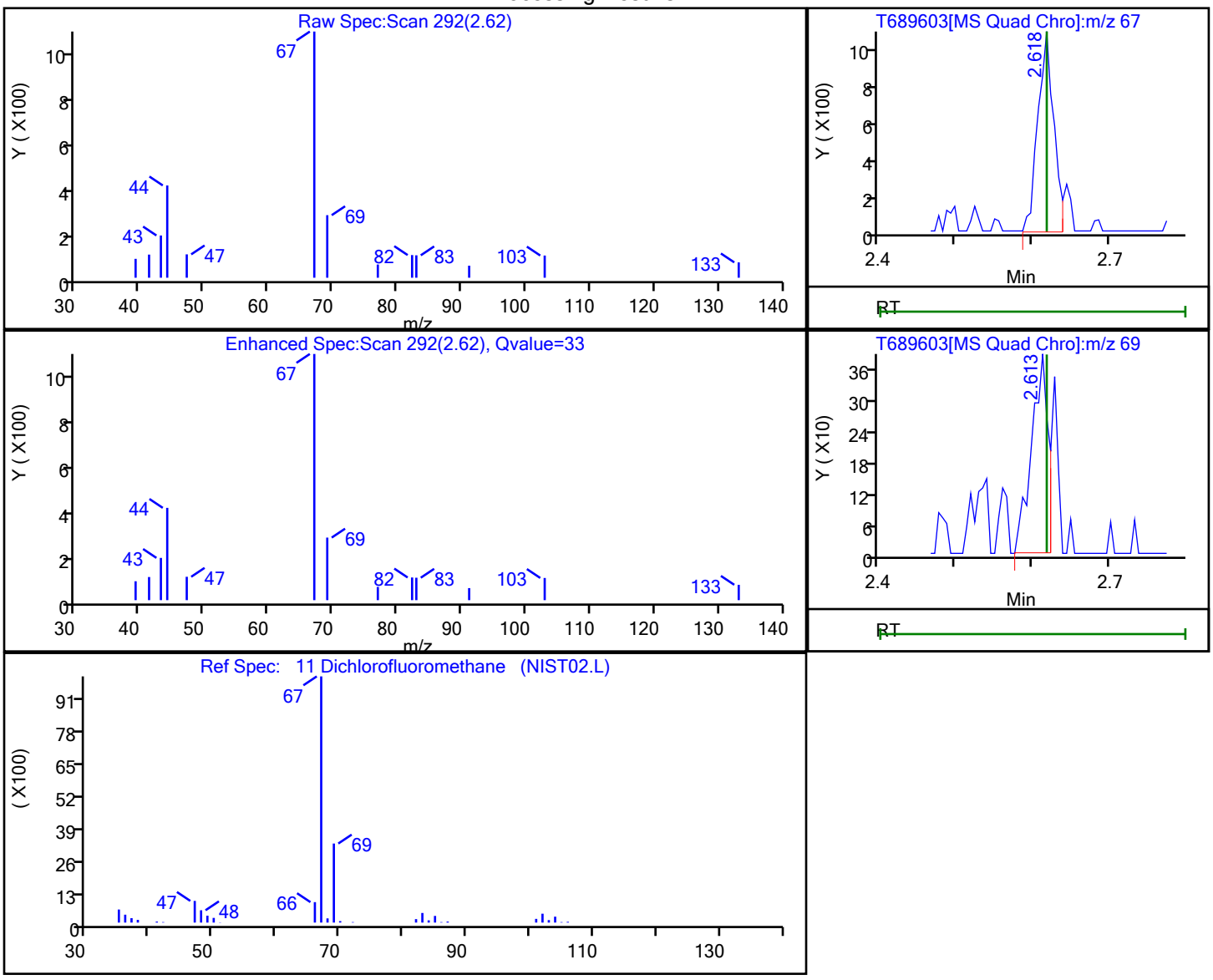
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.62	67.00	1512	0.200945
2.61	69.00	591	

Reviewer: FK2C, 19-Apr-2025 09:10:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

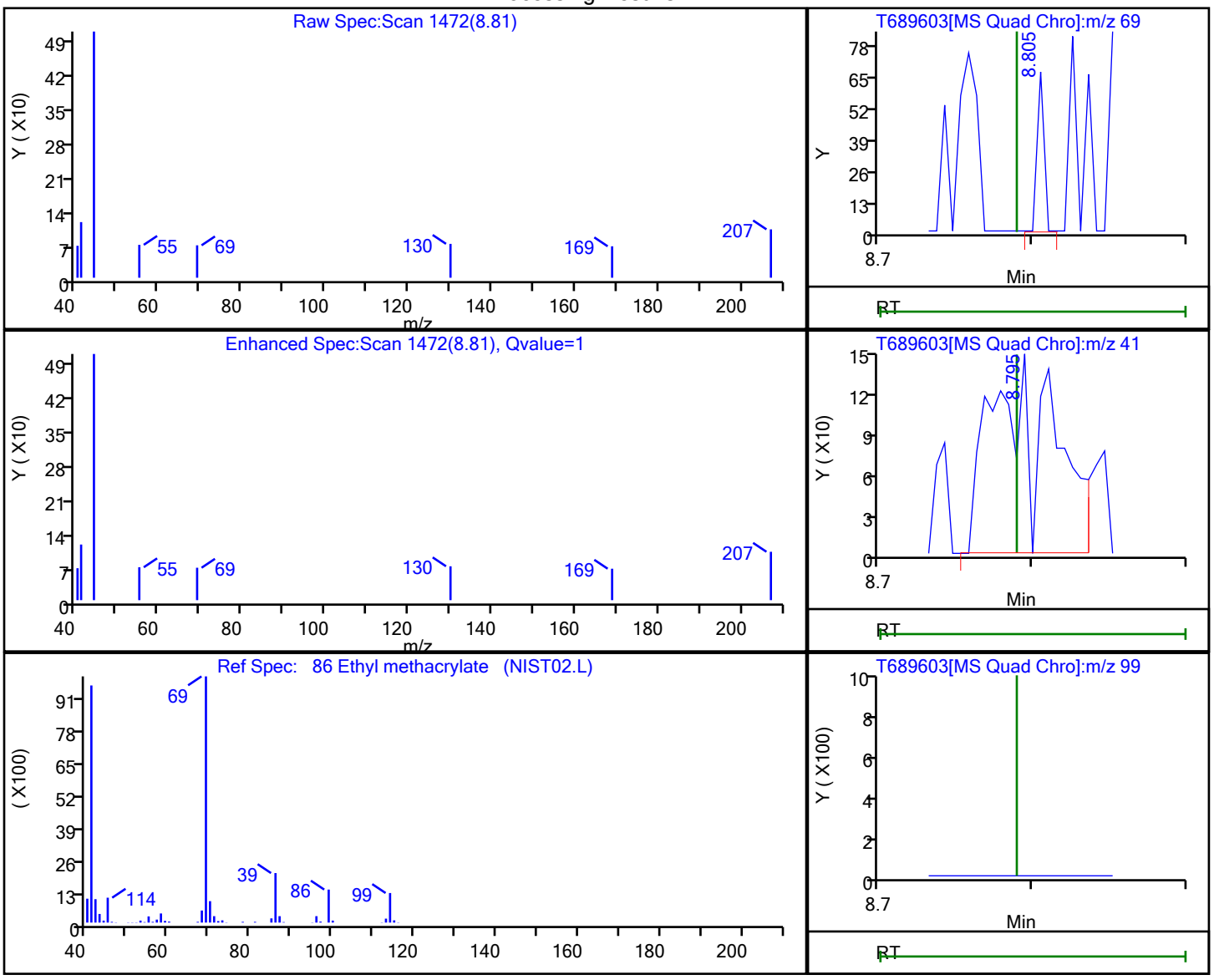
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
8.81	69.00	21	0.004721
8.79	41.00	413	
8.79	99.00	0	

Reviewer: FK2C, 19-Apr-2025 09:11:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

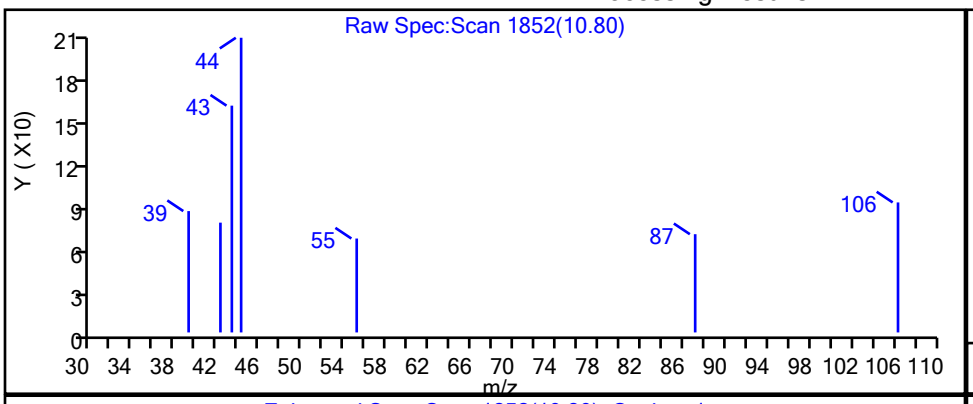
User Disabled Compound Report

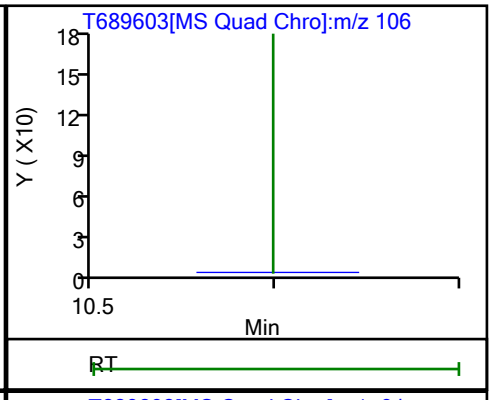
Eurofins Edison

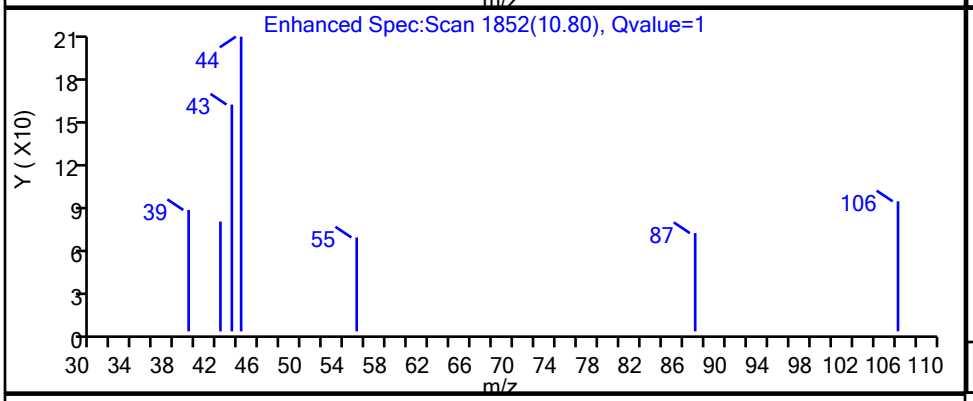
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

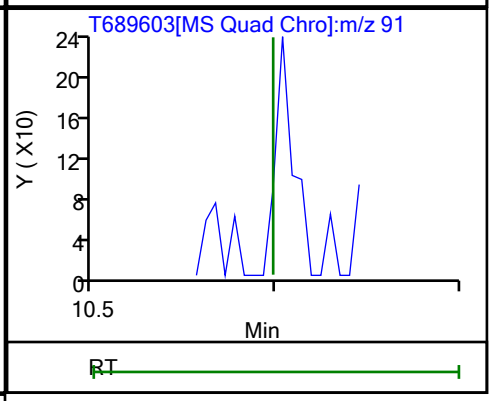
97 Ethylbenzene, CAS: 100-41-4

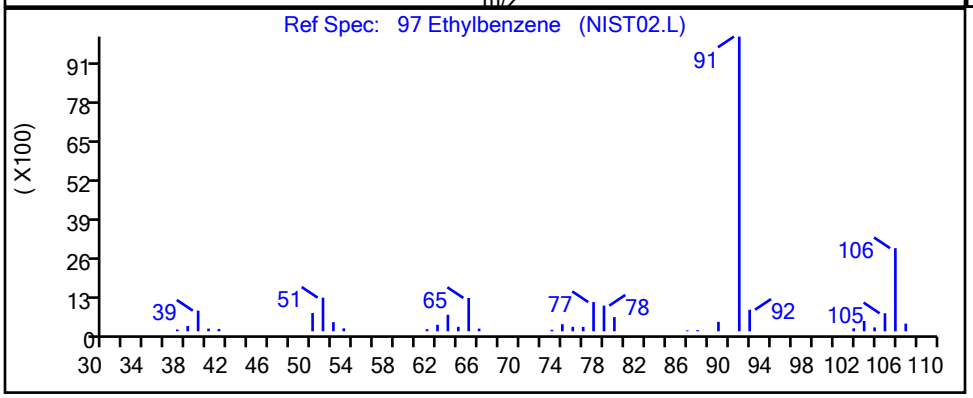
Processing Results











RT	Mass	Response	Amount
10.80	106.00	56	0.009319
10.80	91.00	44	

Reviewer: FK2C, 19-Apr-2025 09:11:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

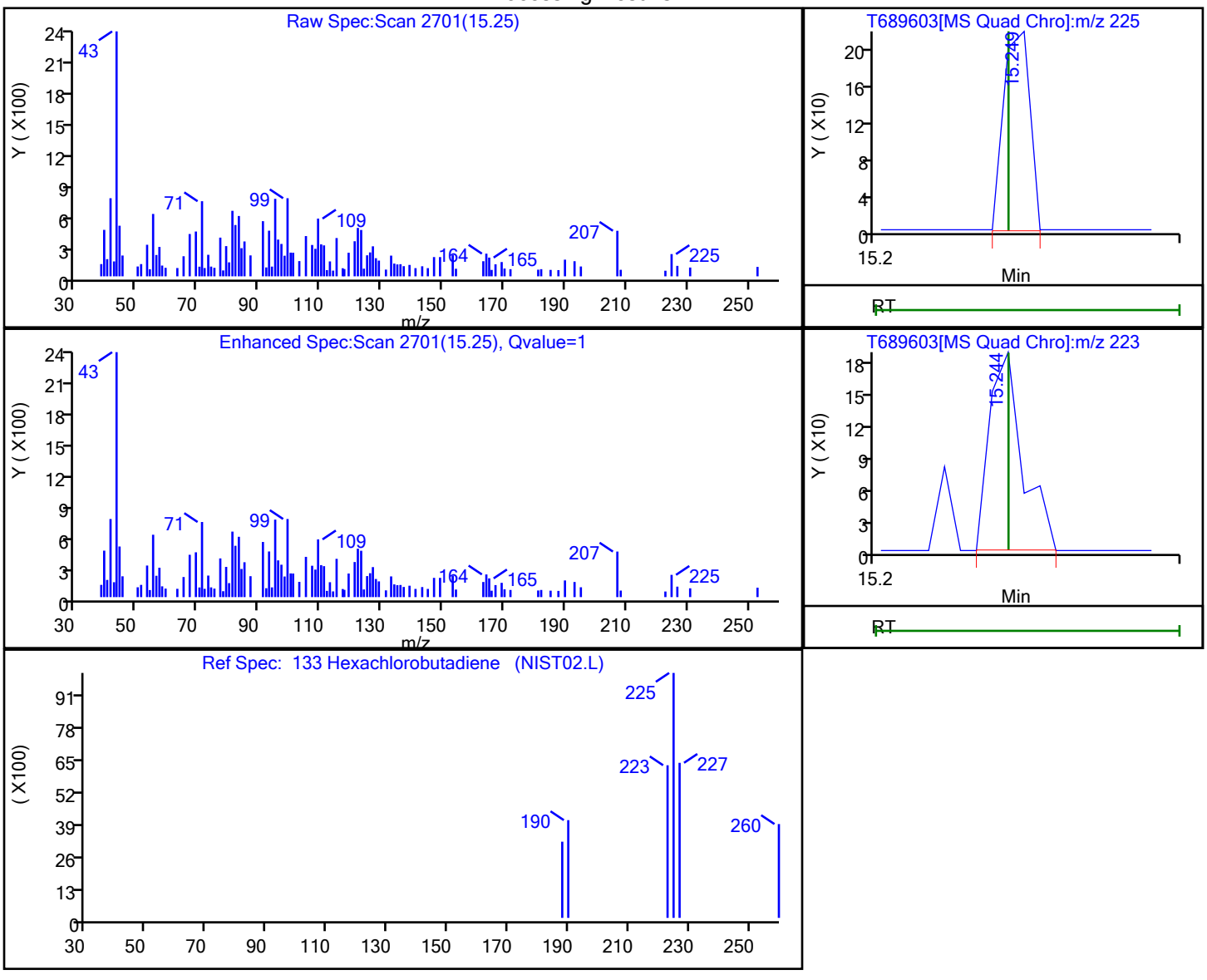
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

133 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
15.25	225.00	130	0.050449
15.24	223.00	142	

Reviewer: FK2C, 19-Apr-2025 09:11:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

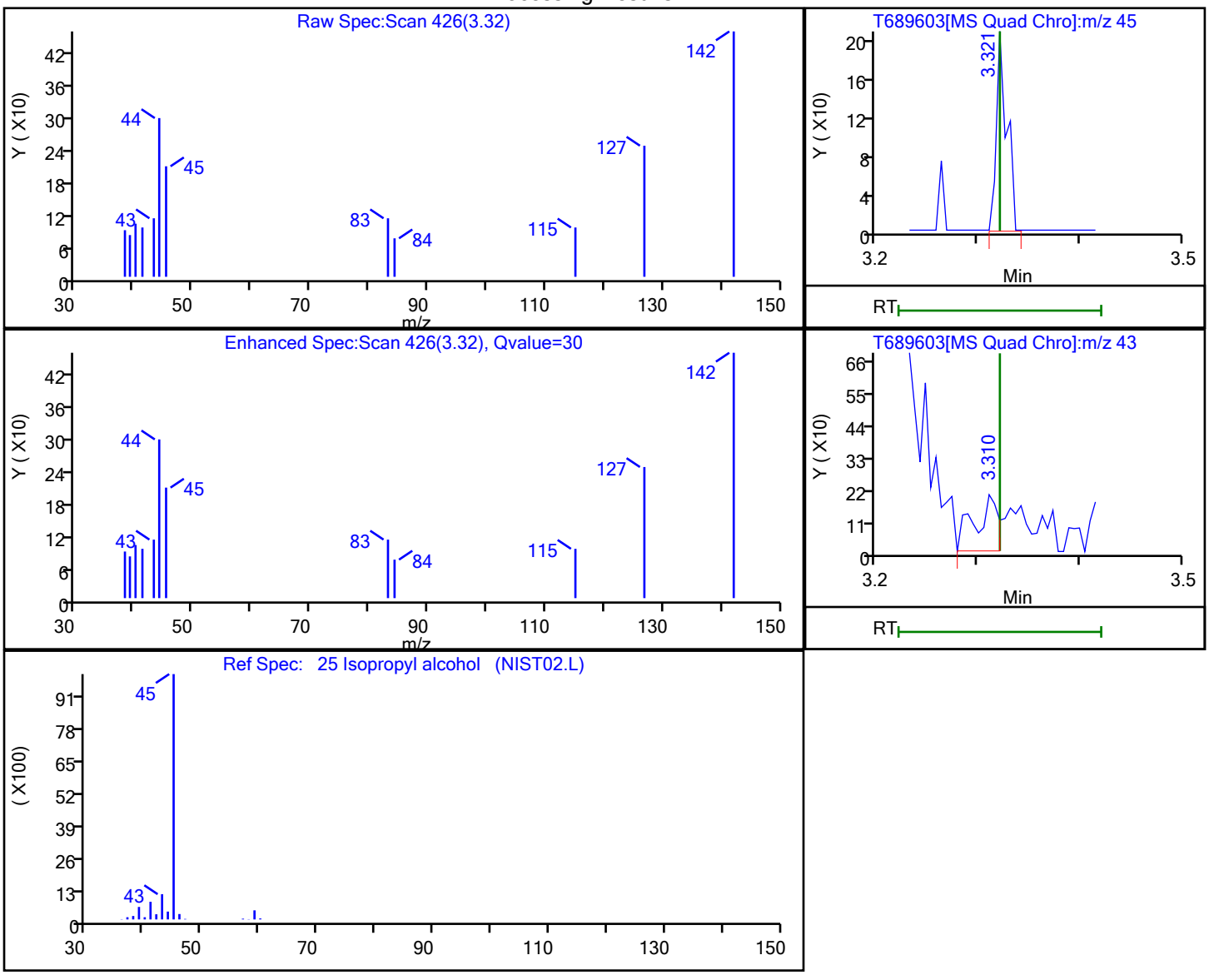
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
3.32	45.00	145	0.832369
3.31	43.00	304	

Reviewer: FK2C, 19-Apr-2025 09:10:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

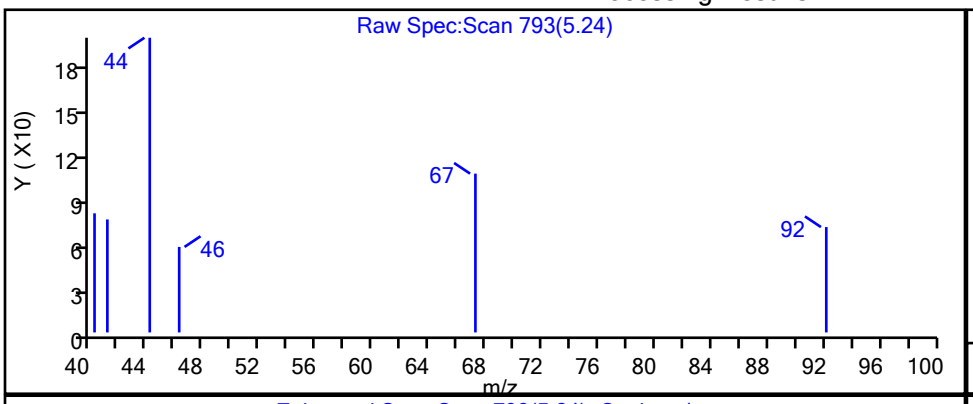
User Disabled Compound Report

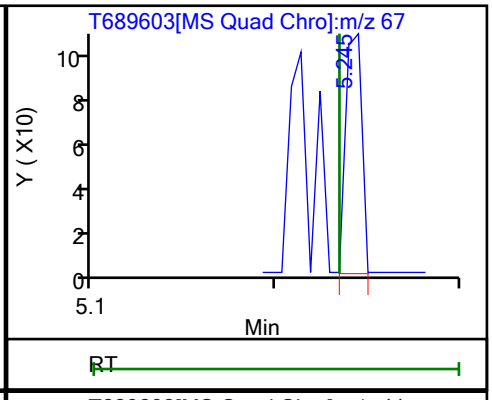
Eurofins Edison

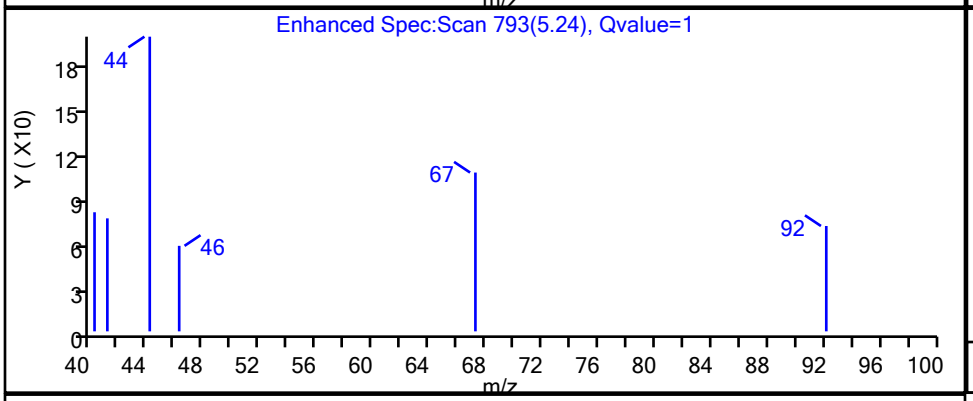
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

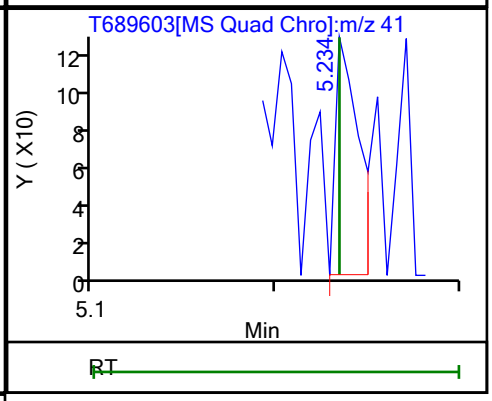
50 Methacrylonitrile, CAS: 126-98-7

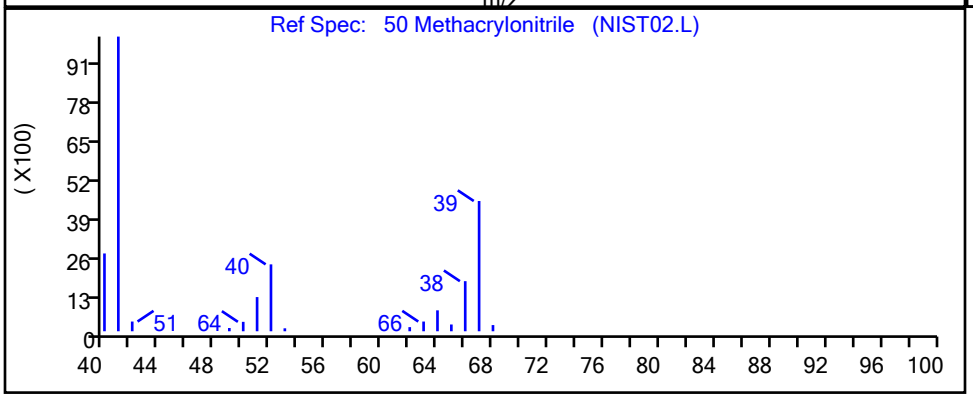
Processing Results











RT	Mass	Response	Amount
5.24	67.00	64	0.045686
5.23	41.00	113	

Reviewer: FK2C, 19-Apr-2025 09:10:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

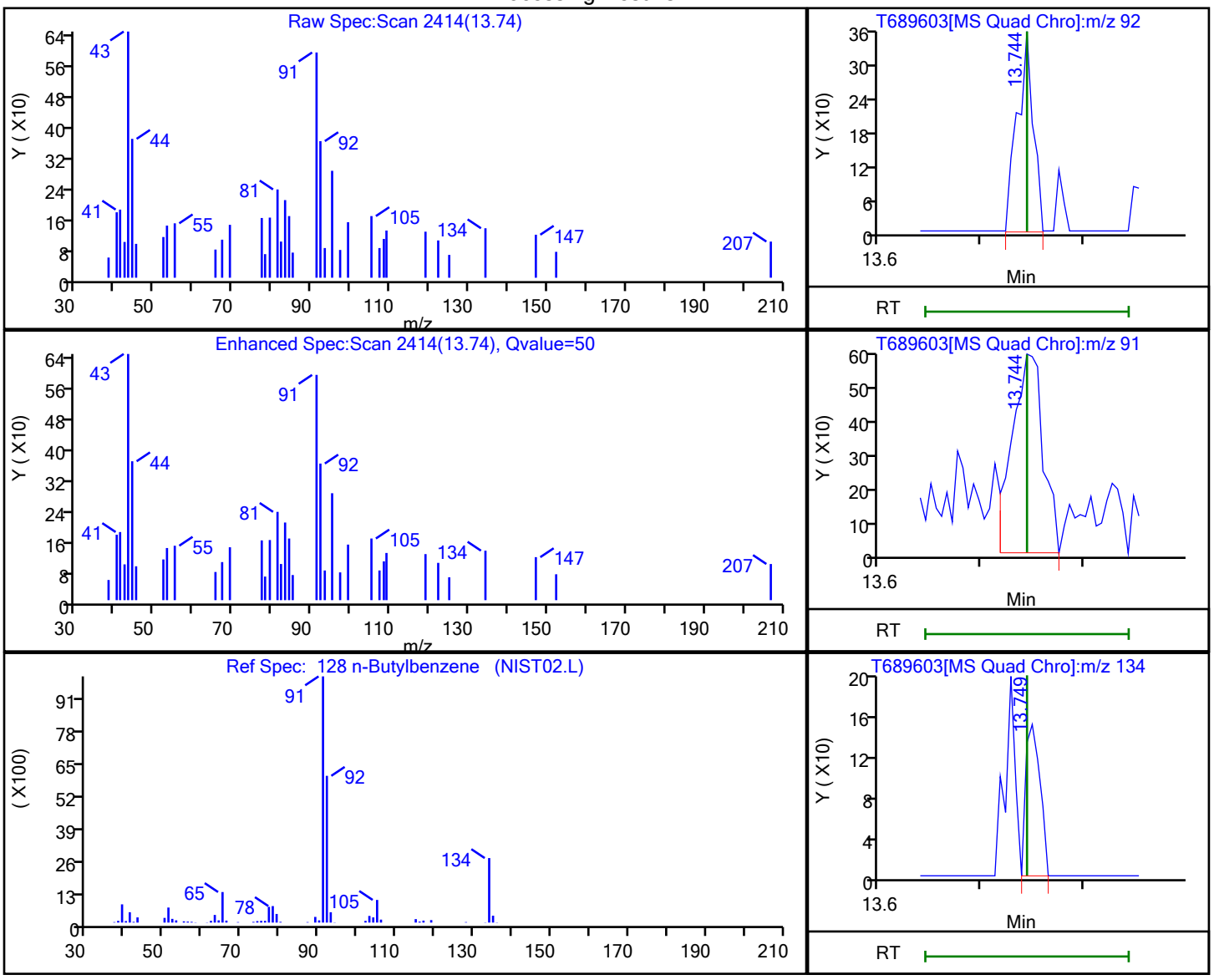
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
13.74	92.00	390	0.048226
13.74	91.00	1256	
13.75	134.00	145	

Reviewer: FK2C, 19-Apr-2025 09:11:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

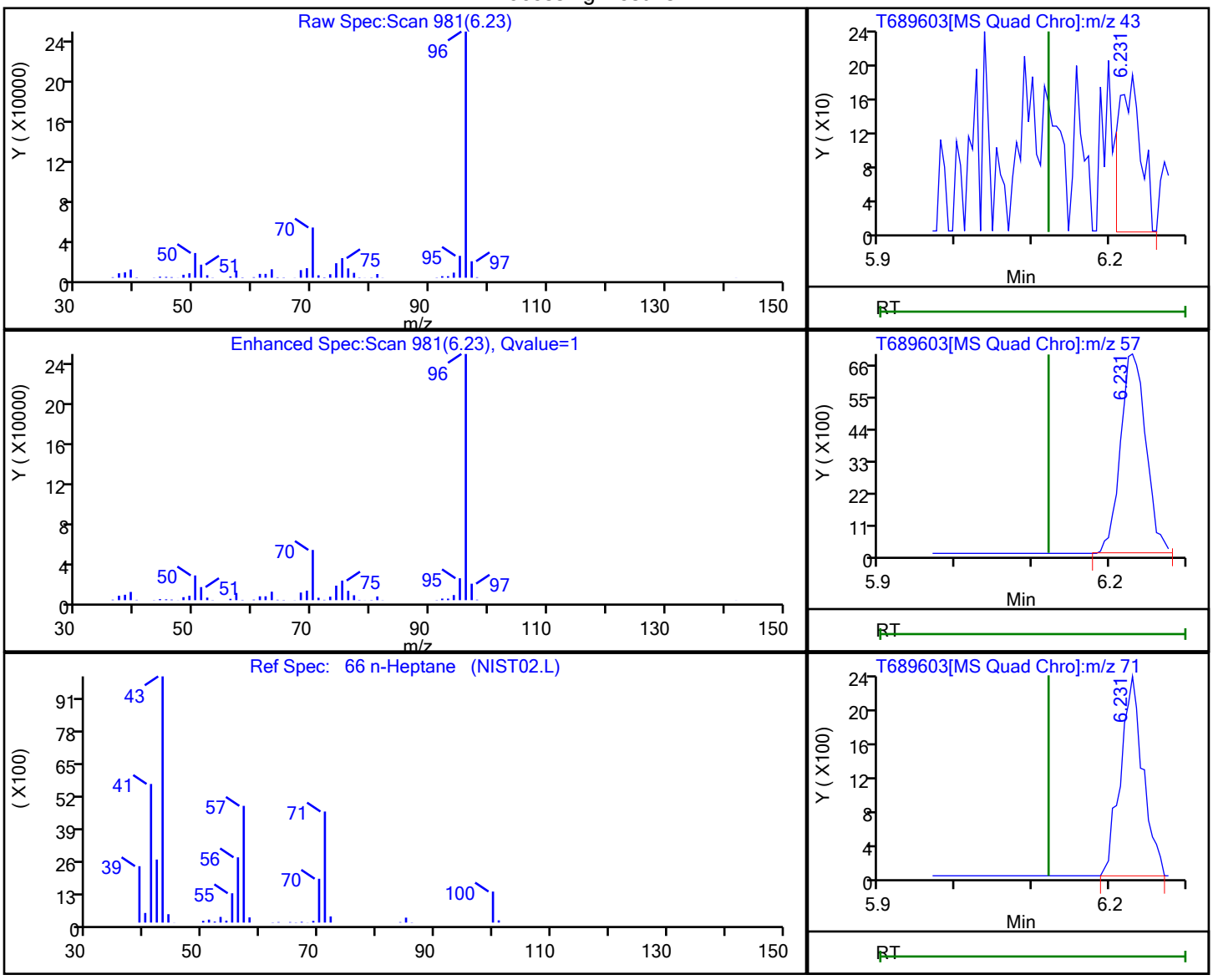
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
6.23	43.00	359	0.101362
6.23	57.00	16295	
6.23	71.00	4839	

Reviewer: FK2C, 19-Apr-2025 09:10:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

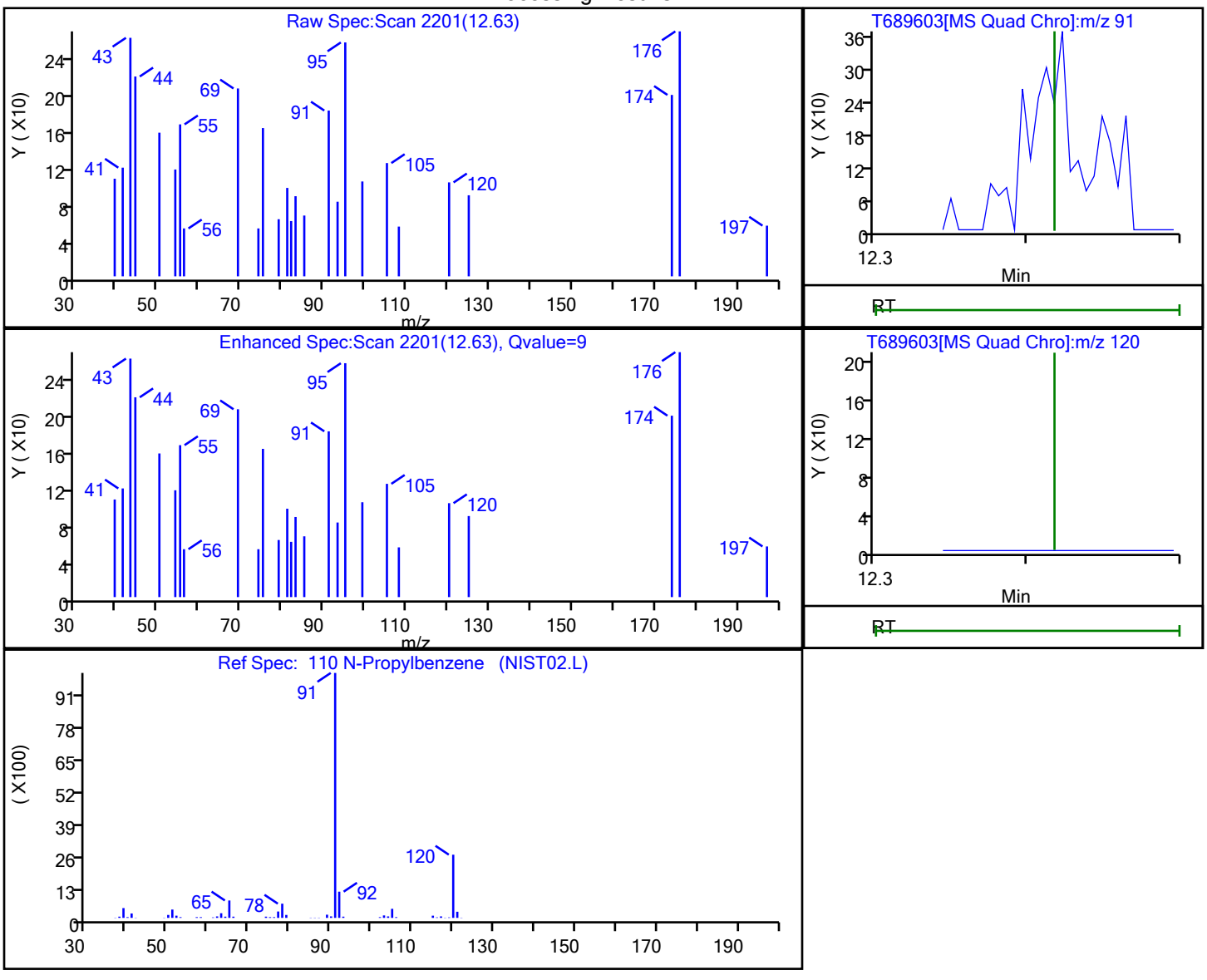
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
12.63	91.00	156	0.007067
12.63	120.00	81	

Reviewer: FK2C, 19-Apr-2025 09:11:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

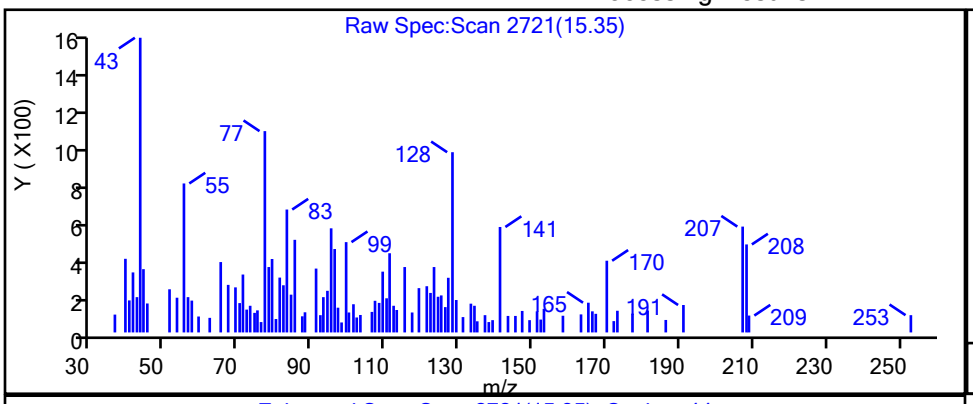
User Disabled Compound Report

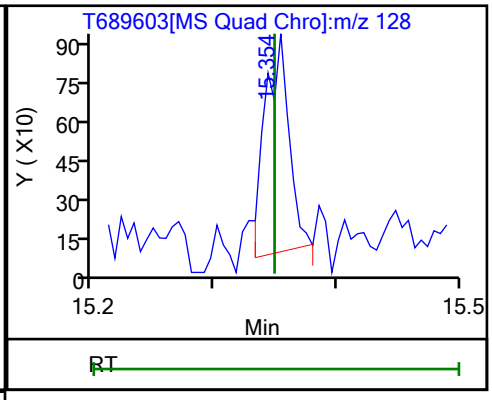
Eurofins Edison

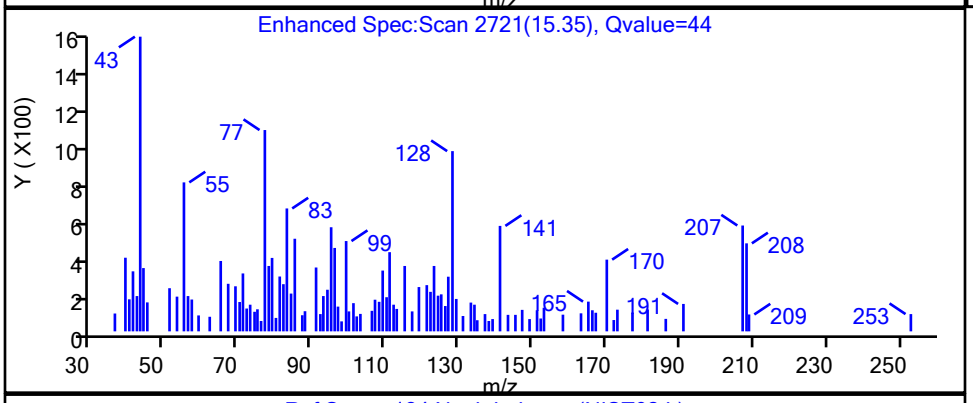
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

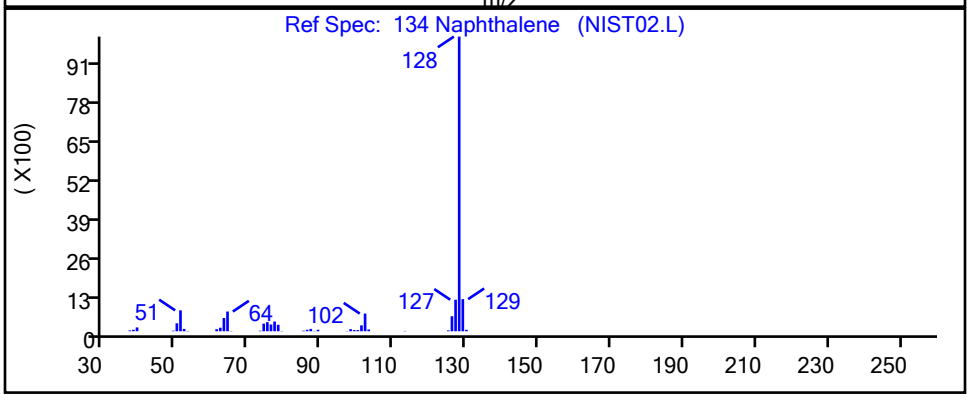
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
15.35	128.00	1189	0.102154

Reviewer: FK2C, 19-Apr-2025 09:11:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

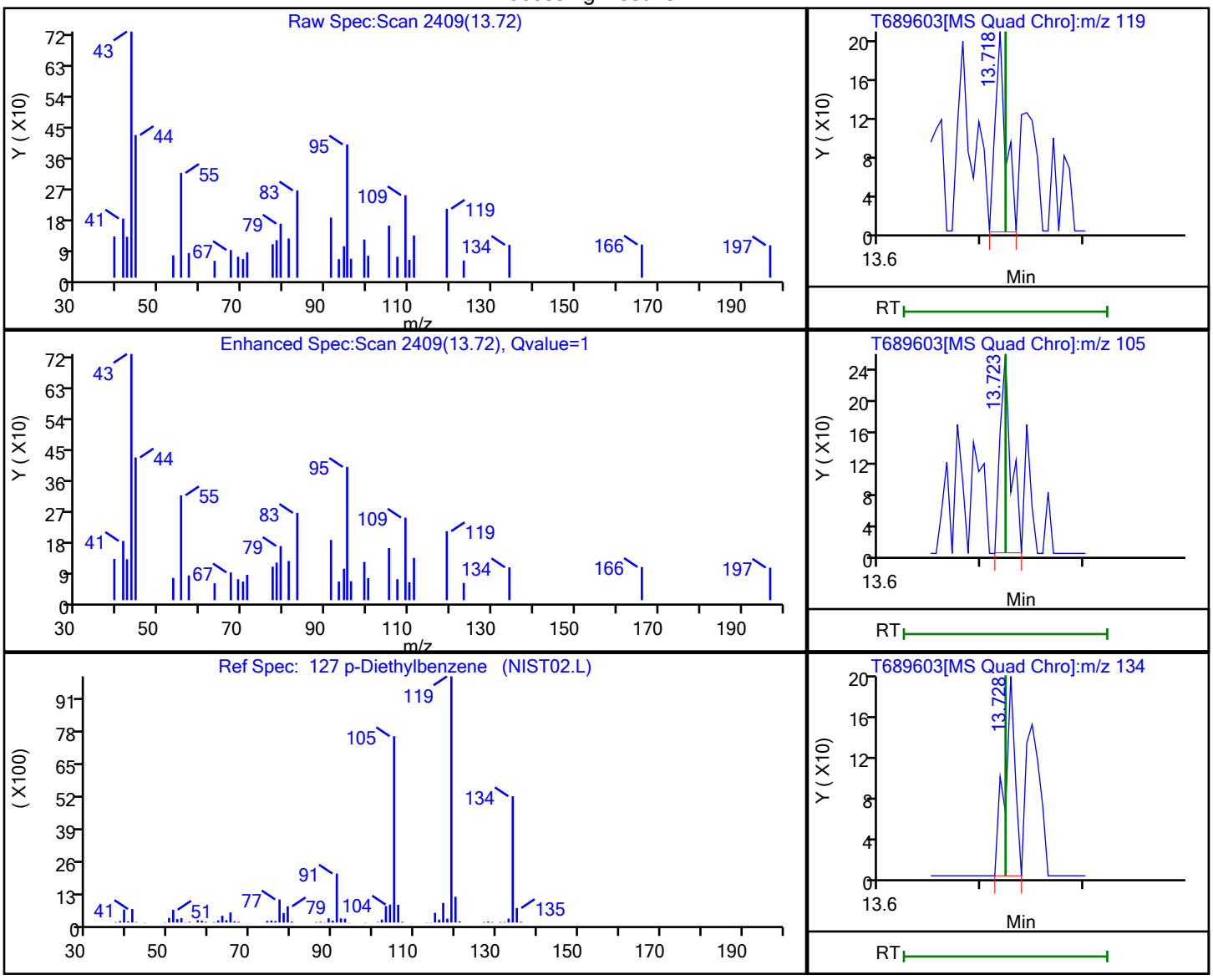
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
13.72	119.00	147	0.016418
13.72	105.00	188	
13.73	134.00	138	

Reviewer: FK2C, 19-Apr-2025 09:11:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

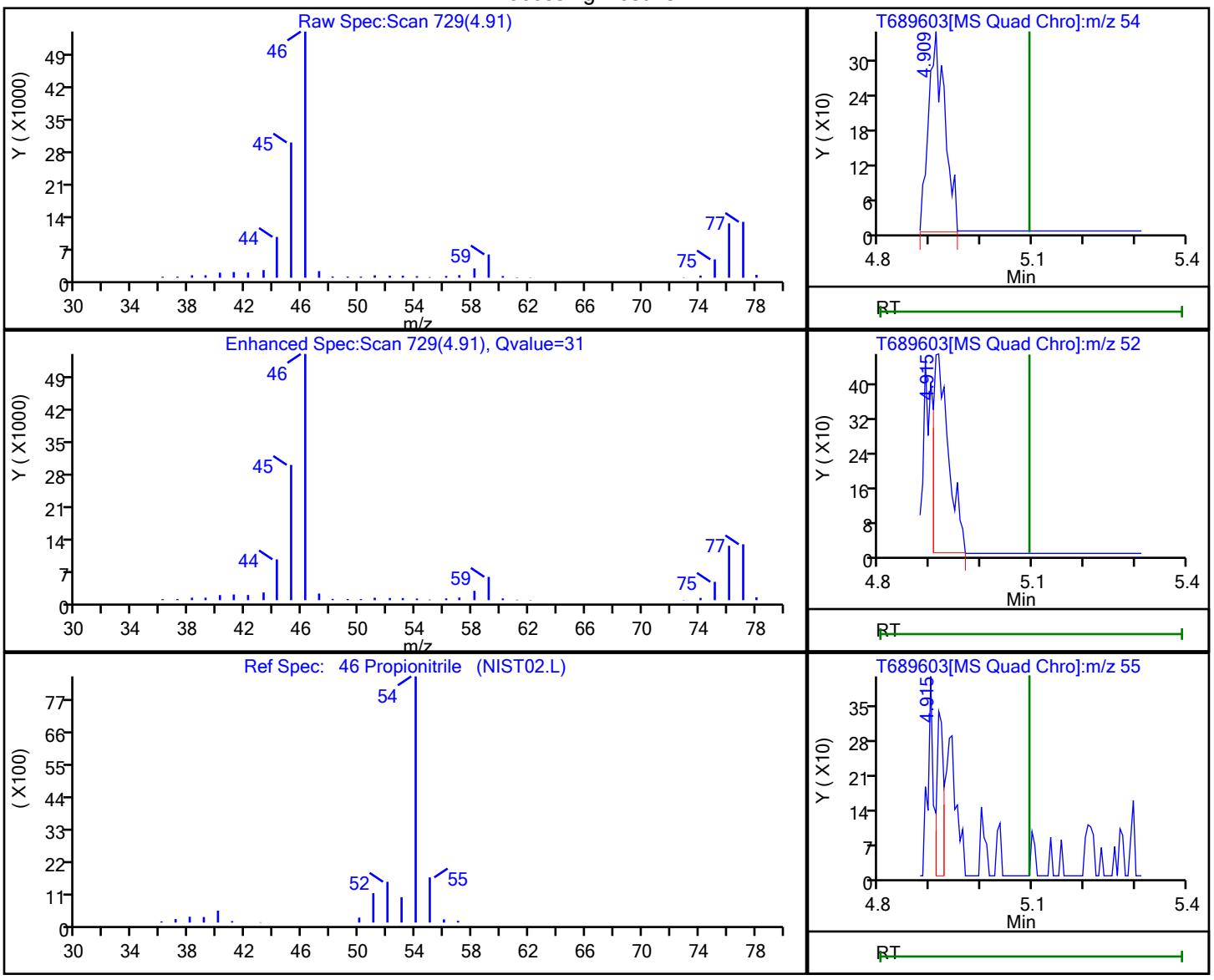
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.91	54.00	771	1.760889
4.91	52.00	952	
4.91	55.00	298	

Reviewer: FK2C, 19-Apr-2025 09:10:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

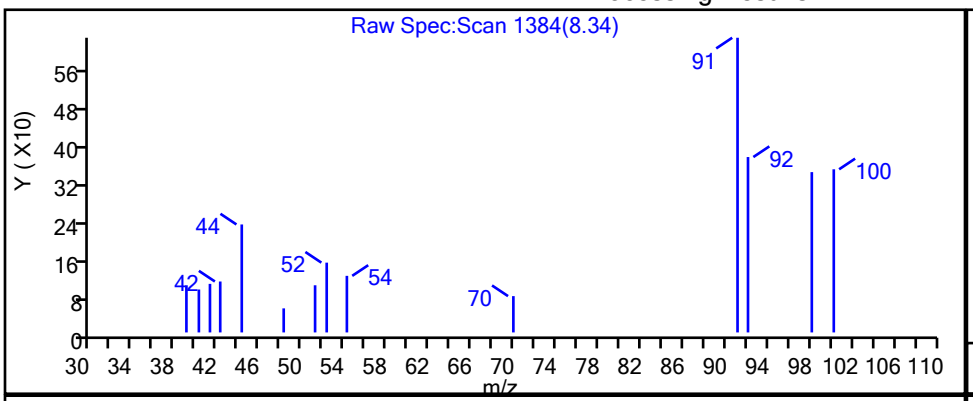
User Disabled Compound Report

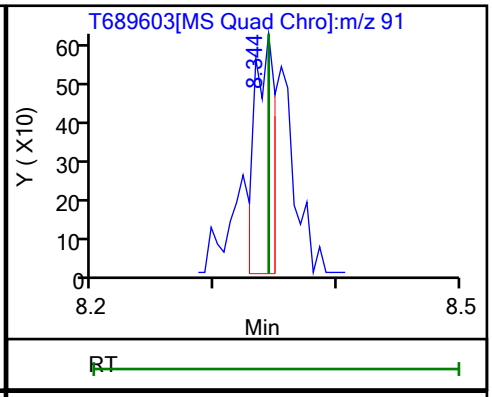
Eurofins Edison

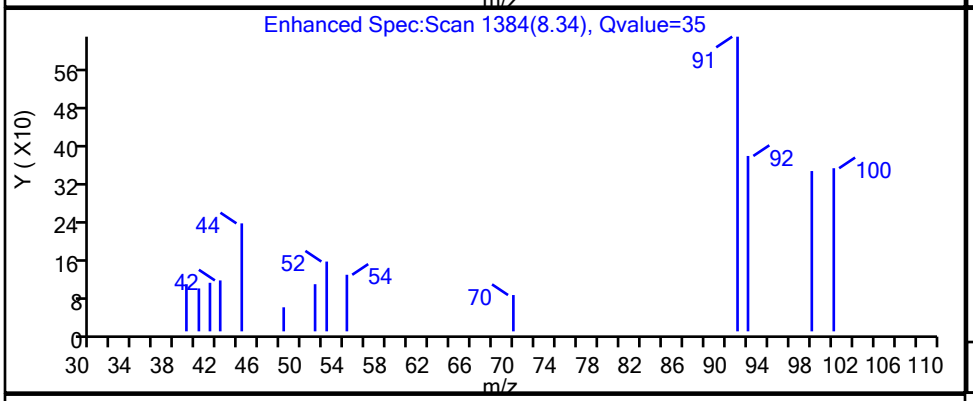
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

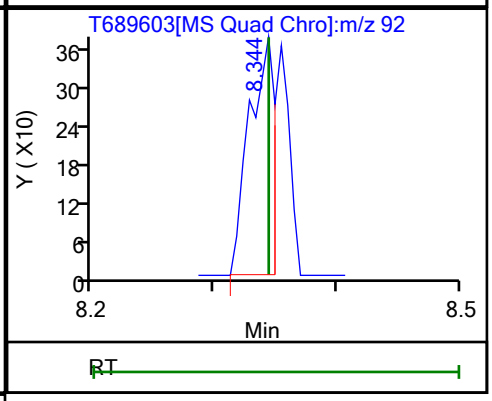
84 Toluene, CAS: 108-88-3

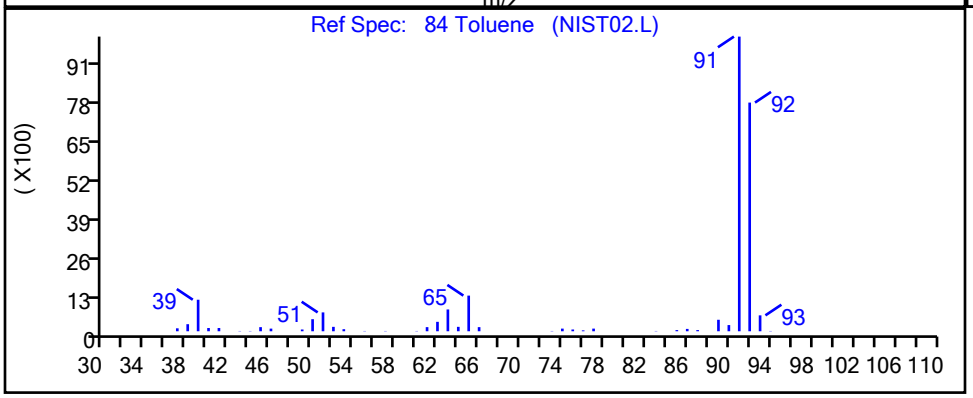
Processing Results











RT	Mass	Response	Amount
8.34	91.00	719	0.040234
8.34	92.00	536	

Reviewer: FK2C, 19-Apr-2025 09:11:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

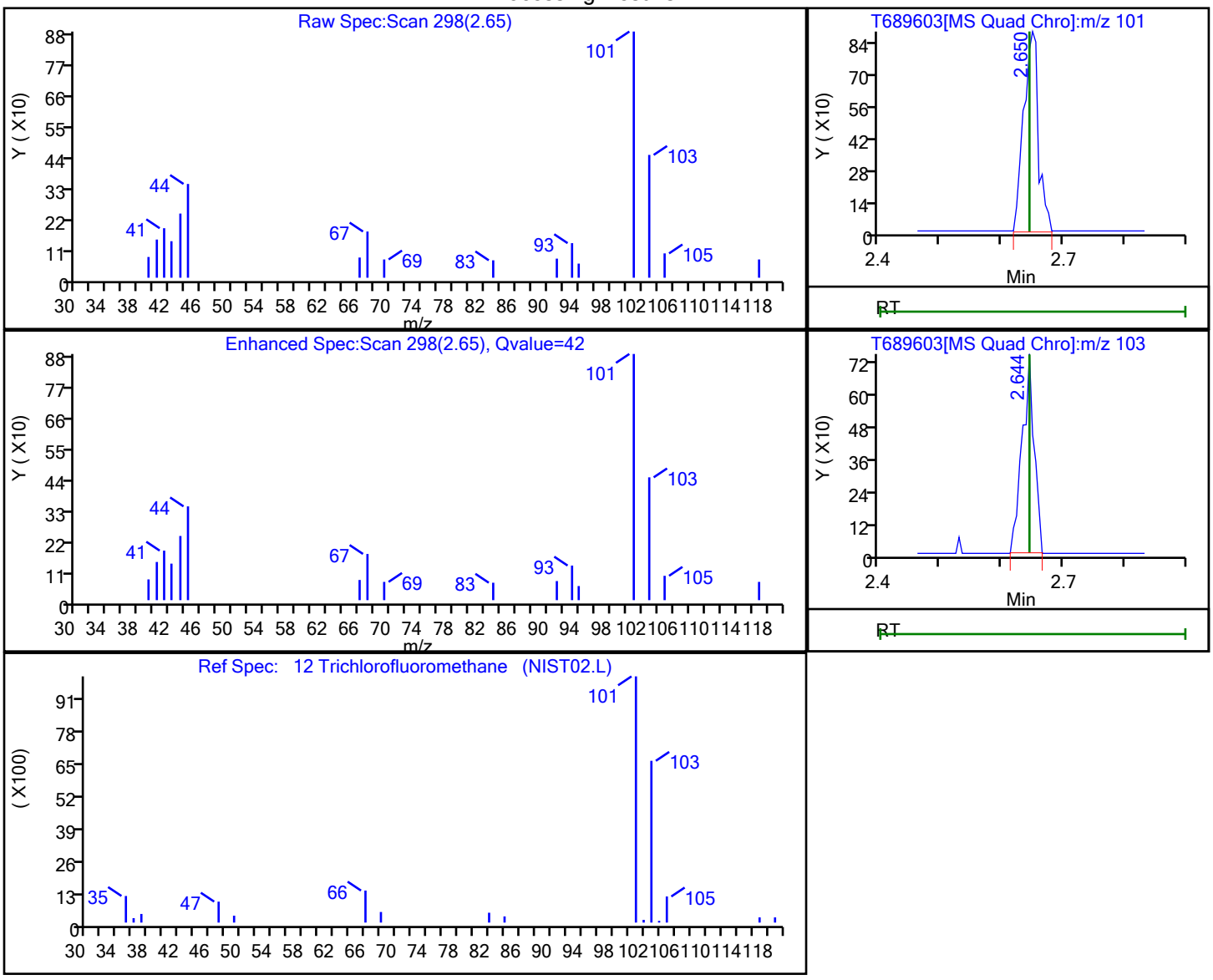
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.65	101.00	1492	0.210109
2.64	103.00	1021	

Reviewer: FK2C, 19-Apr-2025 09:10:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

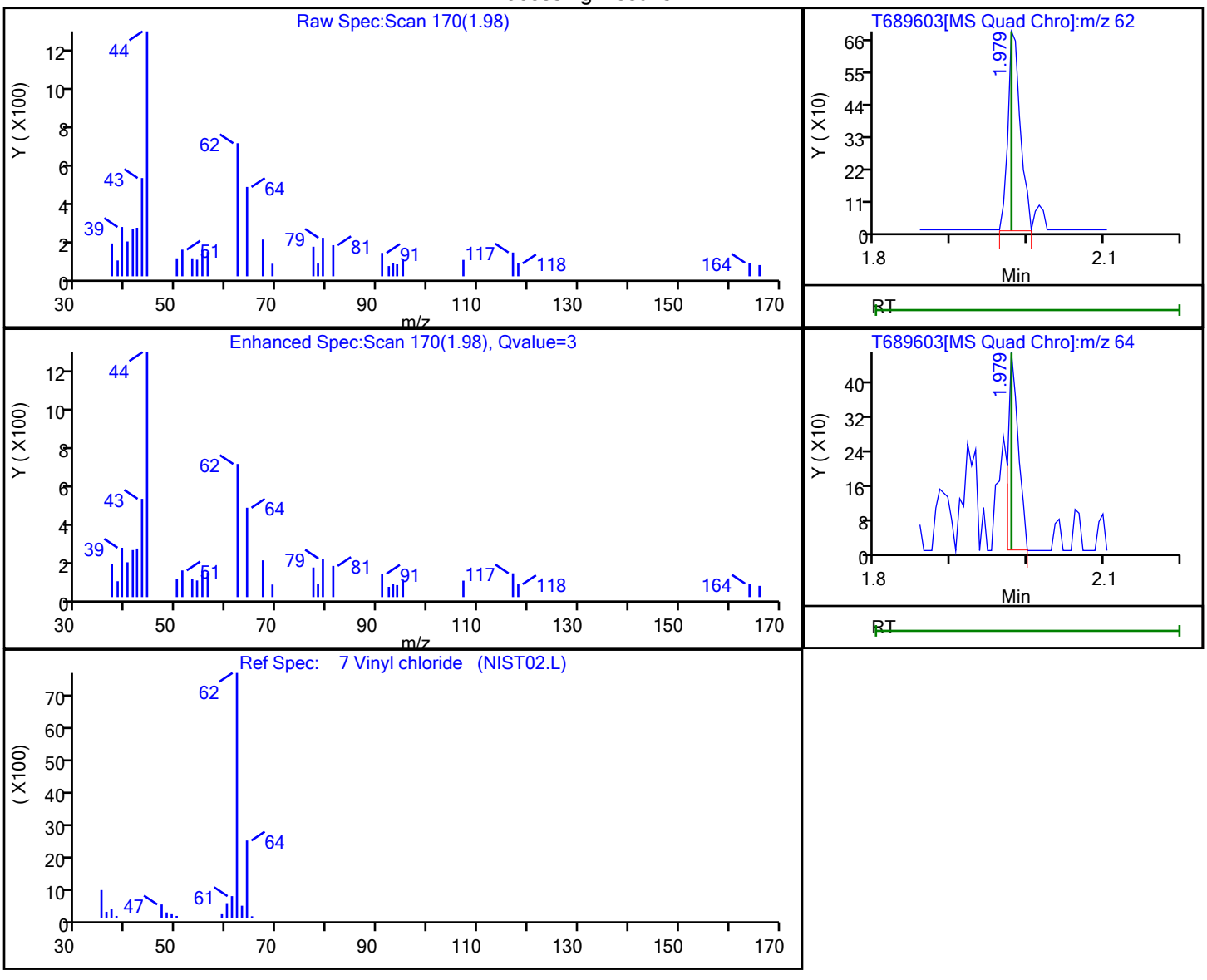
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.98	62.00	776	0.201562
1.98	64.00	420	

Reviewer: FK2C, 19-Apr-2025 09:10:18 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Apr-2025 05:29:14 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0189481-005
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:08:38 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 09:09:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.643	1.633	0.010	13	411	0.5000	0.5389	
2 1,1-Difluoroethane	65	1.653	1.648	0.005	69	917	0.5000	0.8036	
4 Dichlorodifluoromethane	85	1.674	1.669	0.005	67	2606	0.5000	0.5143	
5 Chlorodifluoromethane	67	1.701	1.695	0.006	74	553	0.5000	0.5387	
6 Chloromethane	50	1.879	1.874	0.005	74	2361	0.5000	0.5762	
7 Vinyl chloride	62	1.984	1.979	0.005	84	2200	0.5000	0.6167	
8 Butadiene	54	2.015	2.015	0.000	91	2293	0.5000	0.6559	
9 Bromomethane	94	2.325	2.319	0.006	83	2067	0.5000	0.5427	
10 Chloroethane	64	2.424	2.424	0.000	60	1288	0.5000	0.5870	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	66	3886	0.5000	0.5545	
12 Trichlorofluoromethane	101	2.655	2.644	0.011	65	3730	0.5000	0.5438	
13 Pentane	72	2.702	2.702	0.000	90	599	1.00	0.9689	
14 Ethanol	46	2.828	2.838	-0.010	78	113	20.0	12.6	
15 Ethyl ether	59	2.917	2.917	0.000	90	2006	0.5000	0.7241	
17 2-Methyl-1,3-butadiene	53	2.954	2.938	0.016	67	1625	0.5000	0.5804	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.959	2.954	0.005	67	1838	0.5000	0.6056	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.022	3.011	0.011	76	2730	0.5000	0.6258	
19 Acrolein	56	3.095	3.090	0.005	64	1156	2.00	2.53	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.122	3.116	0.006	74	1712	0.5000	0.5040	
20 1,1-Dichloroethene	96	3.158	3.153	0.005	65	1975	0.5000	0.6070	
22 Acetone	43	3.232	3.226	0.006	76	3651	2.50	3.76	
25 Isopropyl alcohol	45	3.321	3.321	0.000	41	1011	5.00	6.30	
23 Iodomethane	142	3.326	3.326	0.000	53	1201	0.5000	0.2731	Ma
24 Carbon disulfide	76	3.384	3.379	0.006	90	6378	0.5000	0.6282	
28 Methyl acetate	43	3.531	3.520	0.010	94	2647	1.00	1.32	
27 3-Chloro-1-propene	76	3.520	3.525	-0.005	81	1088	0.5000	0.6072	
26 Acetonitrile	41	3.562	3.546	0.016	55	2927	5.00	6.03	
29 Cyclopentene	67	3.562	3.562	0.000	81	5675	0.5000	0.6349	
* 31 TBA-d9 (IS)	66	3.620	3.620	0.000	95	43861	1000.0	1000.0	
30 Methylene Chloride	84	3.662	3.662	0.000	36	2087	0.5000	0.6015	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.709	3.709	0.000	65	2001	5.00	6.70	
35 Methyl tert-butyl ether	73	3.866	3.856	0.010	79	5276	0.5000	0.5144	
34 trans-1,2-Dichloroethene	96	3.898	3.892	0.006	41	1949	0.5000	0.5359	
33 Acrylonitrile	53	3.934	3.940	-0.006	89	6063	5.00	6.23	
36 Hexane	57	4.102	4.097	0.005	79	1976	0.5000	0.5040	
40 Isopropyl ether	45	4.327	4.328	-0.001	84	4943	0.5000	0.5635	
37 1,1-Dichloroethane	63	4.348	4.343	0.005	69	3746	0.5000	0.5899	
38 Vinyl acetate	86	4.369	4.364	0.005	95	848	1.00	1.22	
39 2-Chloro-1,3-butadiene	88	4.411	4.417	-0.006	54	1994	0.5000	0.6258	
41 Tert-butyl ethyl ether	59	4.710	4.700	0.010	82	5574	0.5000	0.5507	
* 42 2-Butanone-d5	46	4.899	4.899	0.000	35	98275	250.0	250.0	
44 2,2-Dichloropropane	97	4.946	4.941	0.005	39	817	0.5000	0.6191	Ma
43 cis-1,2-Dichloroethene	96	4.957	4.962	-0.005	20	2434	0.5000	0.6071	
45 2-Butanone (MEK)	72	4.967	4.962	0.005	94	5405	2.50	9.90	
47 Ethyl acetate	70	4.993	4.983	0.010	80	424	1.00	1.16	
48 Methyl acrylate	55	5.046	5.041	0.005	51	1451	0.5000	0.5411	
46 Propionitrile	54	5.098	5.093	0.005	87	2280	5.00	5.82	
49 Chlorobromomethane	128	5.224	5.224	0.000	39	1082	0.5000	0.5918	
50 Methacrylonitrile	67	5.235	5.235	0.000	93	6965	5.00	5.56	
51 Tetrahydrofuran	72	5.245	5.245	0.000	26	459	1.00	1.09	
52 Chloroform	83	5.287	5.282	0.005	83	4569	0.5000	0.6228	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.471	0.000	96	153113	50.0	51.0	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	13	4097	0.5000	0.5679	
55 Cyclohexane	84	5.481	5.491	-0.010	16	2819	0.5000	0.5419	
56 Carbon tetrachloride	117	5.633	5.633	0.000	83	3519	0.5000	0.5741	
57 1,1-Dichloropropene	75	5.659	5.665	-0.005	70	3192	0.5000	0.5839	
59 Isobutyl alcohol	43	5.759	5.764	-0.005	40	2082	12.5	20.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.890	5.885	0.005	94	191193	50.0	49.7	
60 Benzene	78	5.895	5.895	0.000	46	8939	0.5000	0.6374	
62 Isooctane	57	5.890	5.900	-0.010	23	3540	0.5000	0.4841	
63 Isopropyl acetate	61	5.948	5.963	-0.015	95	1025	0.5000	0.6195	M
61 1,2-Dichloroethane	62	5.979	5.979	0.000	61	3744	0.5000	0.5996	
64 Tert-amyl methyl ether	73	5.990	5.979	0.011	83	5318	0.5000	0.5465	
66 n-Heptane	43	6.115	6.121	-0.006	73	1851	0.5000	0.5908	a
* 65 Fluorobenzene	96	6.231	6.231	0.000	98	519546	50.0	50.0	
68 n-Butanol	56	6.551	6.556	-0.005	43	1092	12.5	15.3	
67 Trichloroethene	95	6.671	6.666	0.005	64	2604	0.5000	0.6136	
69 Ethyl acrylate	55	6.792	6.787	0.005	23	2347	0.5000	0.6264	
70 Methylcyclohexane	83	6.839	6.834	0.005	71	2956	0.5000	0.5426	
71 1,2-Dichloropropane	63	6.980	6.986	-0.006	61	2151	0.5000	0.6320	
* 73 1,4-Dioxane-d8	96	7.049	7.054	-0.005	1	30297	1000.0	1000.0	
75 Methyl methacrylate	100	7.091	7.085	0.006	75	898	1.00	1.08	
74 1,4-Dioxane	88	7.117	7.112	0.005	55	881	25.0	25.1	
72 Dibromomethane	93	7.143	7.143	0.000	73	1369	0.5000	0.5723	
76 n-Propyl acetate	43	7.159	7.154	0.005	82	2844	0.5000	0.6878	
77 Dichlorobromomethane	83	7.316	7.321	-0.005	77	2897	0.5000	0.5294	
78 2-Nitropropane	41	7.688	7.704	-0.016	55	1334	1.00	1.37	a
80 Epichlorohydrin	57	7.835	7.846	-0.011	47	1922	10.0	10.0	
81 cis-1,3-Dichloropropene	75	7.940	7.935	0.005	54	3331	0.5000	0.5460	
82 4-Methyl-2-pentanone (MIBK)	43	8.123	8.129	-0.006	86	6865	2.50	2.78	
$ 83 Toluene-d8 (Surr)	98	8.249	8.249	0.000	98	514136	50.0	50.4	
84 Toluene	91	8.344	8.344	0.000	82	10249	0.5000	0.6512	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	8.737	8.737	0.000	67	3232	0.5000	0.5779	
86 Ethyl methacrylate	69	8.800	8.789	0.011	46	2388	0.5000	0.5684	
87 1,1,2-Trichloroethane	83	9.004	8.994	0.010	54	1489	0.5000	0.5762	
88 Tetrachloroethene	166	9.099	9.099	0.000	81	2808	0.5000	0.5824	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	57	3342	0.5000	0.6002	
90 2-Hexanone	43	9.335	9.340	-0.005	82	5205	2.50	2.97	
93 n-Butyl acetate	43	9.497	9.487	0.010	82	3165	0.5000	0.8070	
91 Chlorodibromomethane	129	9.529	9.529	0.000	59	1998	0.5000	0.5319	
92 Ethylene Dibromide	107	9.728	9.728	0.000	61	1961	0.5000	0.5844	
* 94 Chlorobenzene-d5	117	10.415	10.415	0.000	85	418024	50.0	50.0	
95 Chlorobenzene	112	10.457	10.457	0.000	53	6173	0.5000	0.5931	
97 Ethylbenzene	106	10.603	10.598	0.005	74	3624	0.5000	0.6301	
96 1,1,1,2-Tetrachloroethane	131	10.593	10.604	-0.011	25	2284	0.5000	0.5679	M
98 m-Xylene & p-Xylene	106	10.792	10.792	0.000	90	4072	0.5000	0.5861	
101 n-Butyl acrylate	73	11.390	11.395	-0.005	62	1365	0.5000	0.5761	
99 o-Xylene	106	11.411	11.411	0.000	90	4211	0.5000	0.6273	
100 Styrene	104	11.448	11.442	0.006	86	5981	0.5000	0.5659	
102 Bromoform	173	11.705	11.705	0.000	54	1295	0.5000	0.5016	
103 Amyl acetate (mixed isomers)	43	11.715	11.715	0.000	64	2209	0.5000	0.4760	
104 Isopropylbenzene	105	11.904	11.904	0.000	85	9941	0.5000	0.6162	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	91	185975	50.0	50.5	
106 Bromobenzene	156	12.307	12.308	-0.001	70	2773	0.5000	0.5800	
107 1,1,2,2-Tetrachloroethane	83	12.349	12.355	-0.006	66	2114	0.5000	0.5603	
108 1,2,3-Trichloropropane	110	12.412	12.412	0.000	41	899	0.5000	0.6103	
110 N-Propylbenzene	91	12.412	12.418	-0.006	95	12125	0.5000	0.5877	
109 trans-1,4-Dichloro-2-butene	53	12.423	12.428	-0.005	21	770	0.5000	0.5932	a
111 2-Chlorotoluene	91	12.528	12.533	-0.005	84	8928	0.5000	0.5894	
112 4-Ethyltoluene	105	12.554	12.554	0.000	89	9780	0.5000	0.5663	
114 1,3,5-Trimethylbenzene	105	12.633	12.633	0.000	86	8558	0.5000	0.5641	
113 4-Chlorotoluene	91	12.664	12.669	-0.005	92	8758	0.5000	0.6060	M
115 Butyl Methacrylate	87	12.748	12.748	0.000	80	2291	0.5000	0.5259	
116 tert-Butylbenzene	119	12.968	12.973	-0.005	86	8109	0.5000	0.6271	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	92	9242	0.5000	0.5974	
118 sec-Butylbenzene	105	13.204	13.204	0.000	91	10297	0.5000	0.5968	
119 1,3-Dichlorobenzene	146	13.335	13.335	0.000	92	5036	0.5000	0.5944	
122 4-Isopropyltoluene	119	13.351	13.351	0.000	85	9256	0.5000	0.6029	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	95	251010	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.435	13.440	-0.005	48	5259	0.5000	0.6038	a
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	91	9712	0.5000	0.6204	
124 Benzyl chloride	91	13.576	13.576	0.000	90	4464	0.5000	0.5448	
125 2,3-Dihydroindene	117	13.650	13.655	-0.005	86	7859	0.5000	0.6074	
127 p-Diethylbenzene	119	13.723	13.723	0.000	85	5744	0.5000	0.6439	
128 n-Butylbenzene	92	13.744	13.744	0.000	92	4098	0.5000	0.5690	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	88	4664	0.5000	0.5991	
130 1,2,4,5-Tetramethylbenzene	119	14.420	14.426	-0.006	90	7672	0.5000	0.5755	
129 1,2-Dibromo-3-Chloropropane	157	14.499	14.504	-0.005	31	398	0.5000	0.4499	
131 1,3,5-Trichlorobenzene	180	14.635	14.641	-0.006	75	3123	0.5000	0.5749	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	76	2840	0.5000	0.6144	
133 Hexachlorobutadiene	225	15.249	15.244	0.005	51	1632	0.5000	0.6507	
134 Naphthalene	128	15.348	15.349	-0.001	95	6253	0.5000	0.5743	
135 1,2,3-Trichlorobenzene	180	15.548	15.548	0.000	62	2208	0.5000	0.5670	
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.14	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		1.00	1.21	
S 140 Total BTEX	1				0		2.50	3.13	
S 139 1,3-Dichloropropene, Total	1				0		1.00	1.12	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00203	Amount Added:	5.00	Units: uL	
GASES Li_00637	Amount Added:	5.00	Units: uL	
14DIOXINTER_00183	Amount Added:	15.00	Units: uL	
524FREONS_00033	Amount Added:	5.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:08:39 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D

Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15

Lims ID: STD05

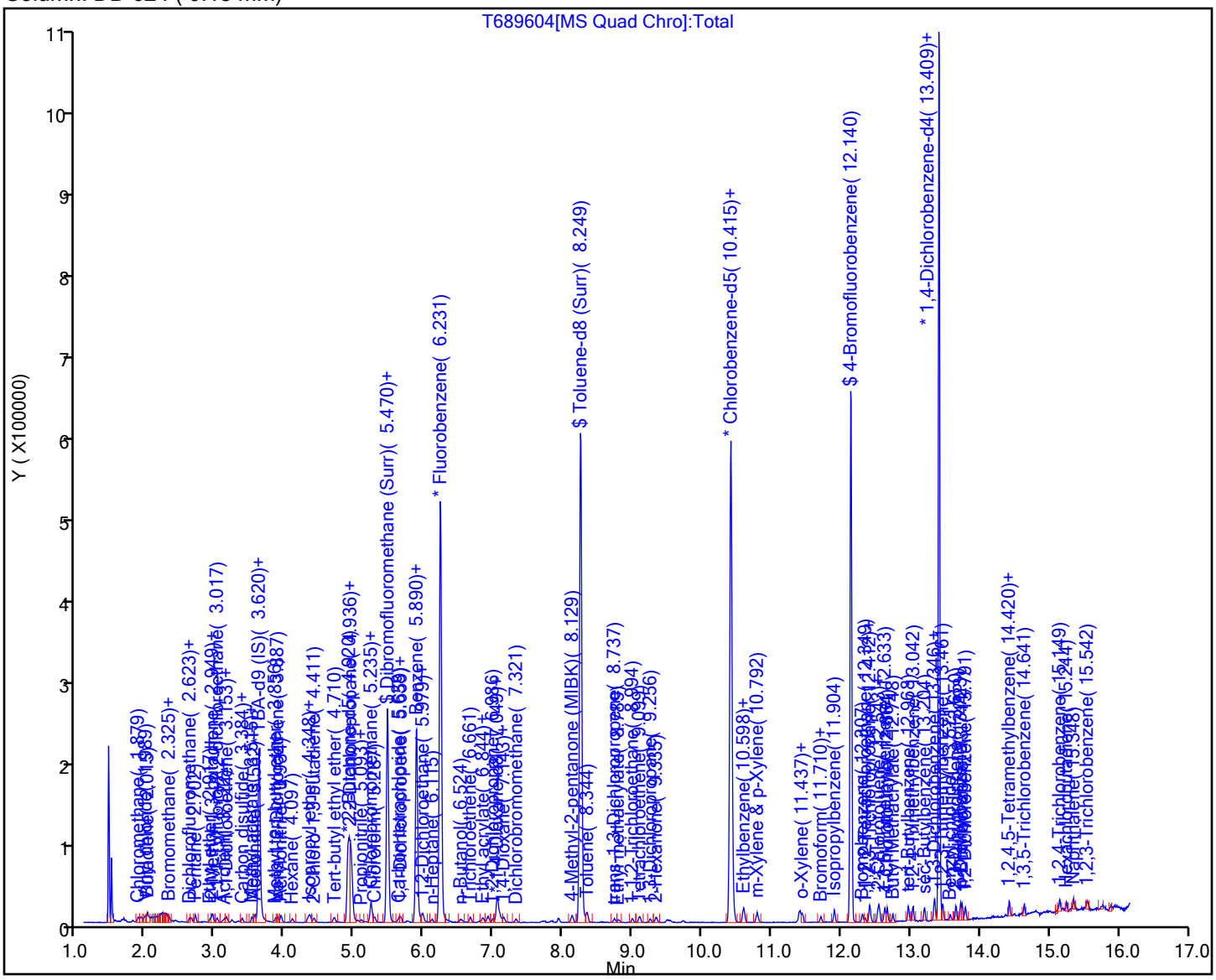
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

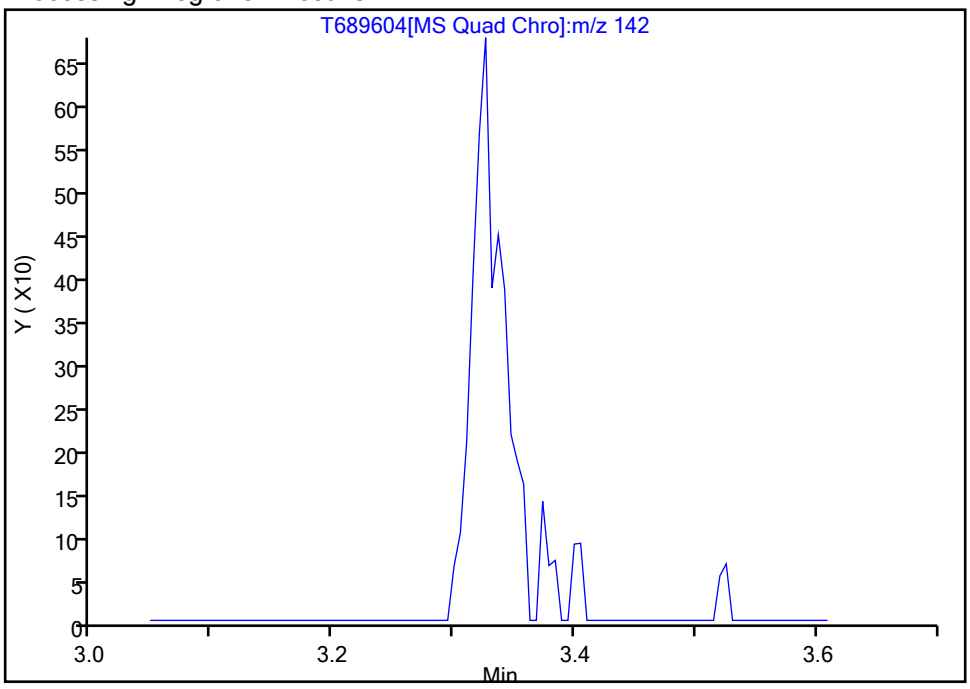
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

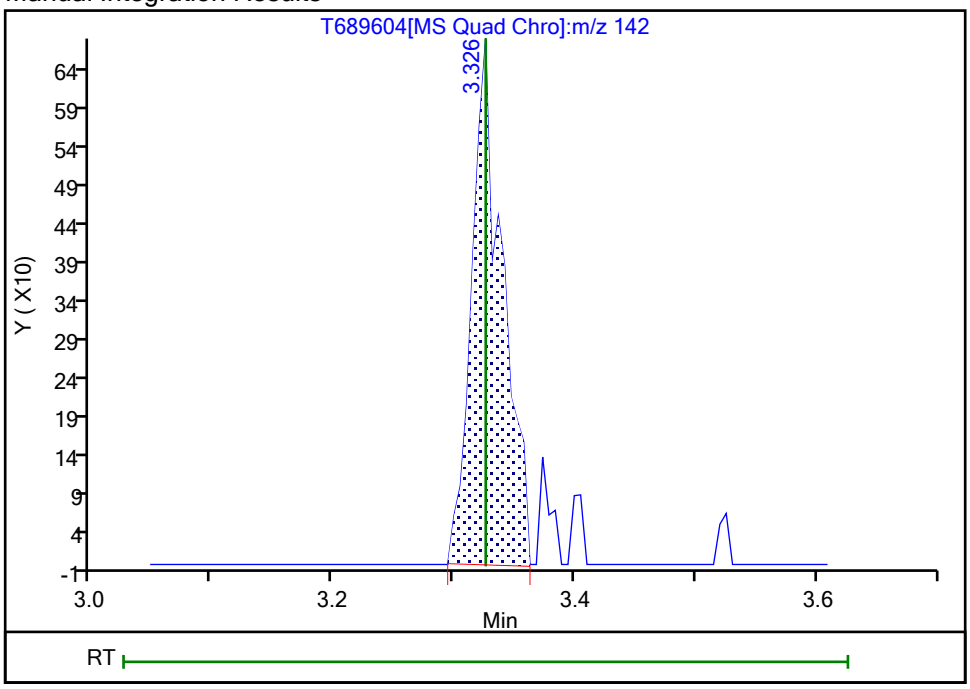
Not Detected
Expected RT: 3.33

Processing Integration Results



Manual Integration Results

RT: 3.33
Area: 1201
Amount: 0.273063
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:37:02 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

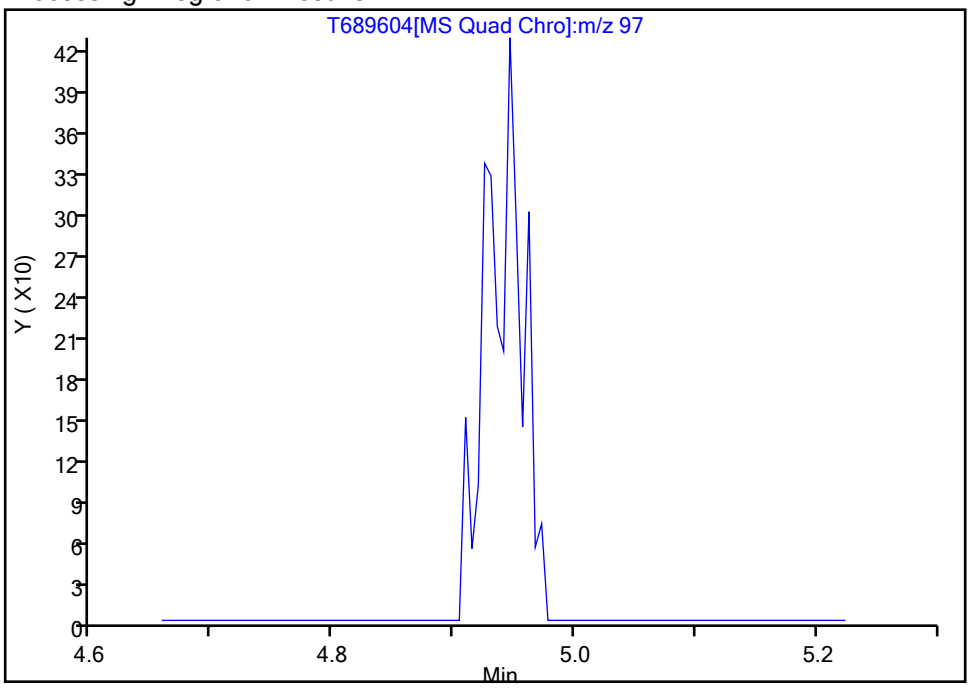
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

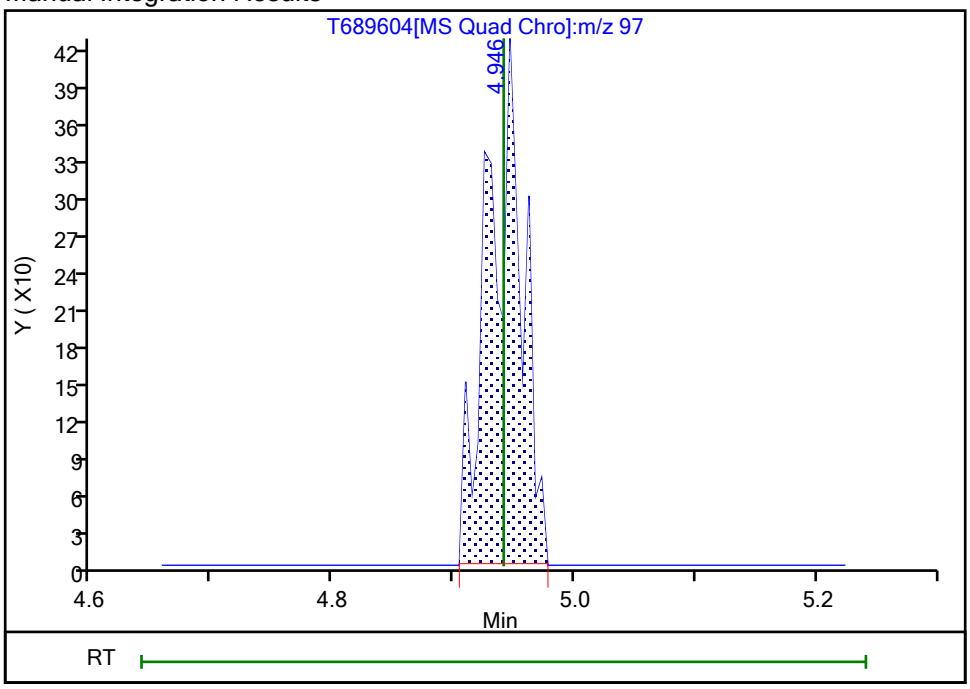
Not Detected
Expected RT: 4.94

Processing Integration Results



Manual Integration Results

RT: 4.95
Area: 817
Amount: 0.619113
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:37:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

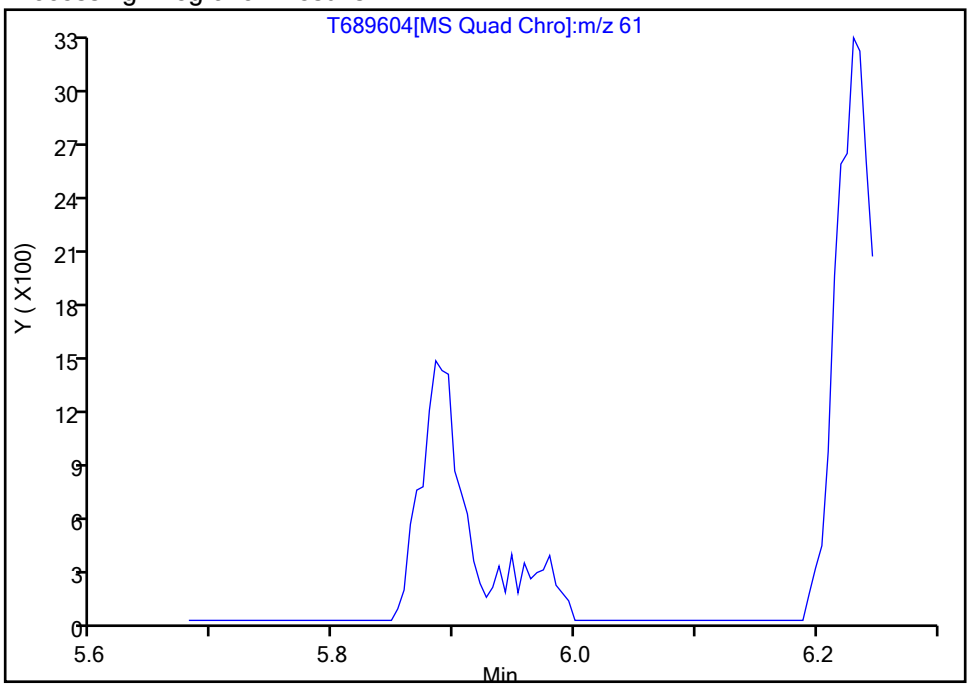
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

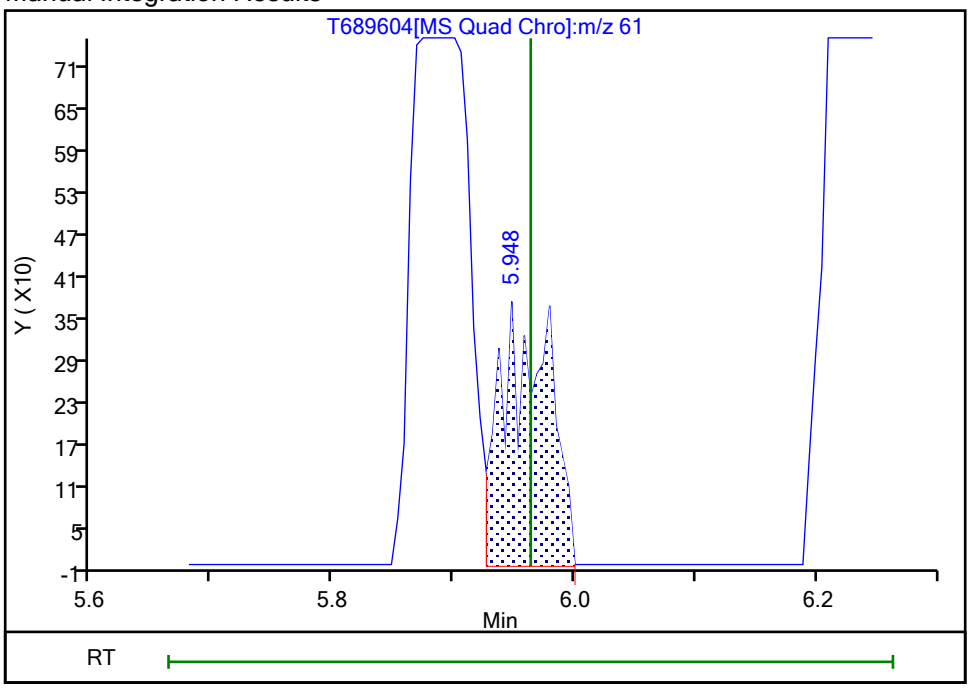
Not Detected
Expected RT: 5.96

Processing Integration Results



Manual Integration Results

RT: 5.95
Area: 1025
Amount: 0.619483
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:13:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

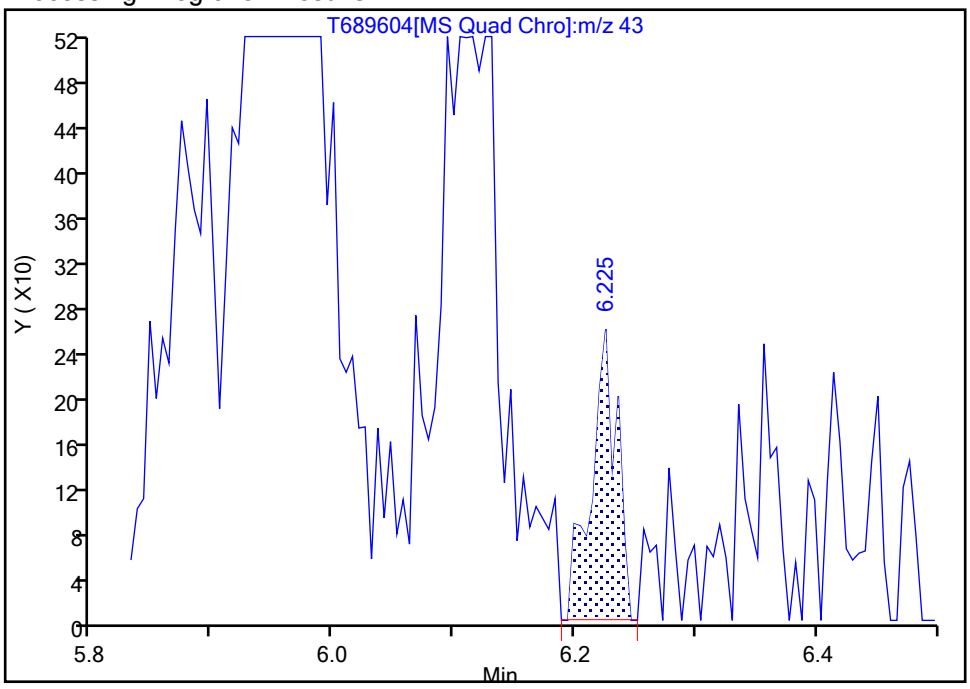
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Signal: 1

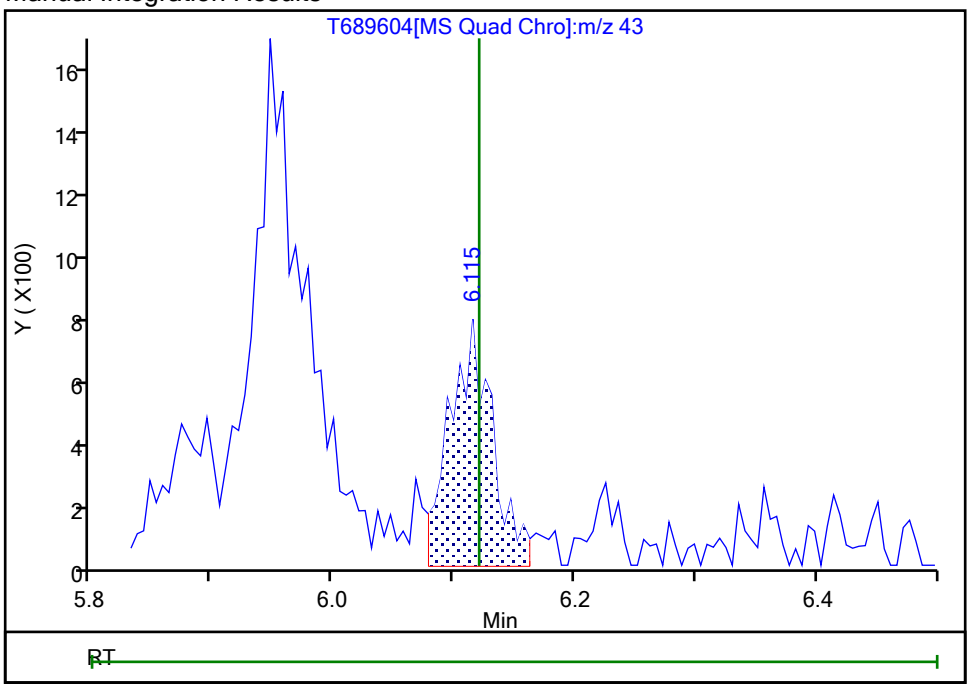
Processing Integration Results

RT: 6.23
Area: 377
Amount: 0.115852
Amount Units: ug/l



Manual Integration Results

RT: 6.12
Area: 1851
Amount: 0.590809
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:37:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

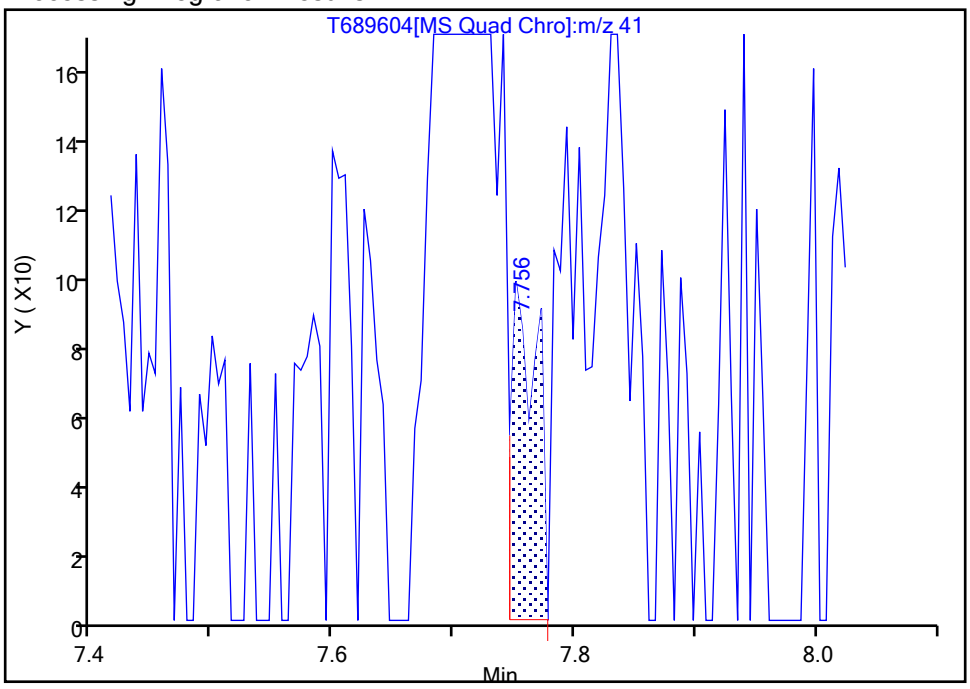
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

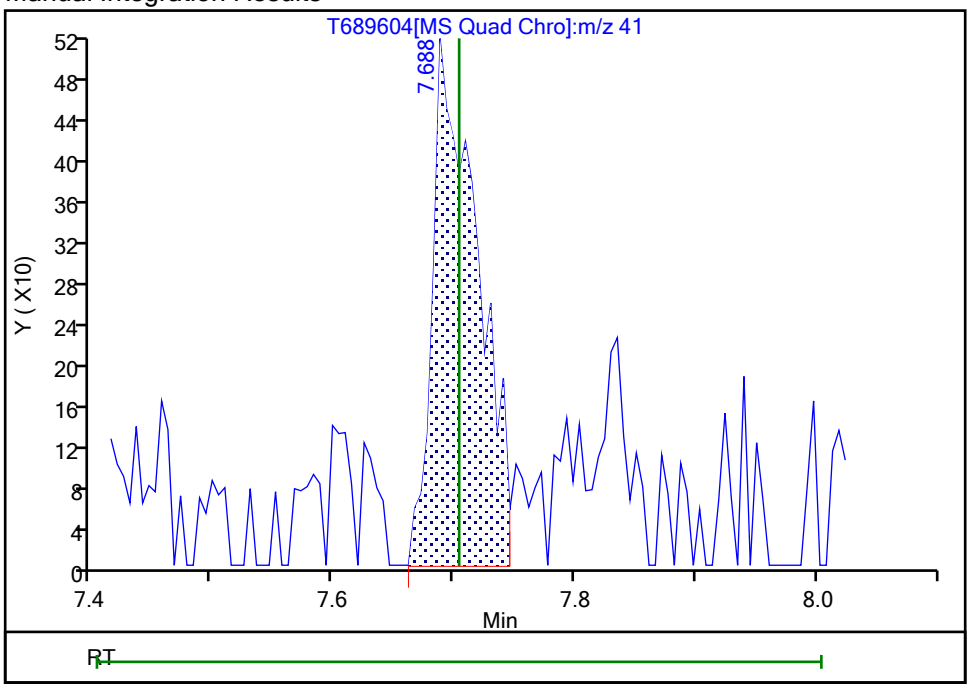
Processing Integration Results

RT: 7.76
Area: 145
Amount: 0.151225
Amount Units: ug/l



Manual Integration Results

RT: 7.69
Area: 1334
Amount: 1.370982
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:38:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

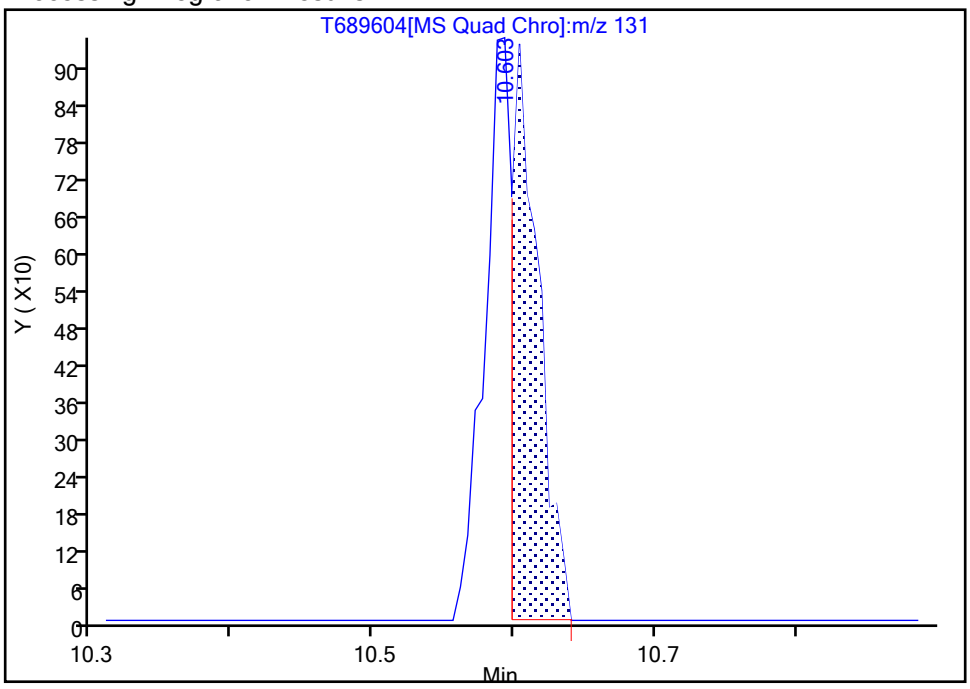
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

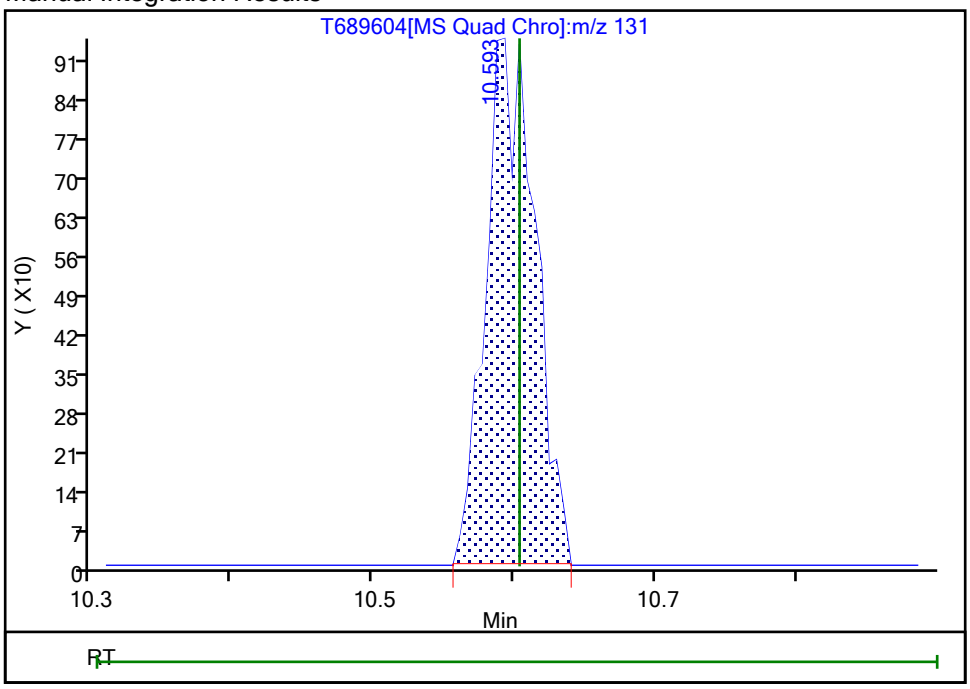
Processing Integration Results

RT: 10.60
Area: 1241
Amount: 0.280718
Amount Units: ug/l



Manual Integration Results

RT: 10.59
Area: 2284
Amount: 0.567900
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:14:33 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

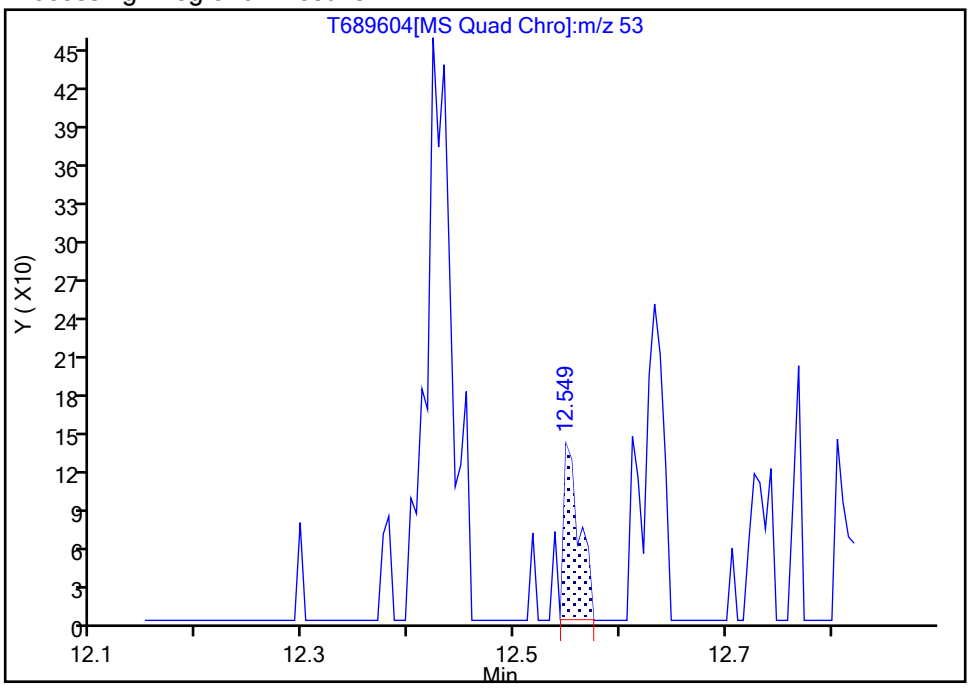
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

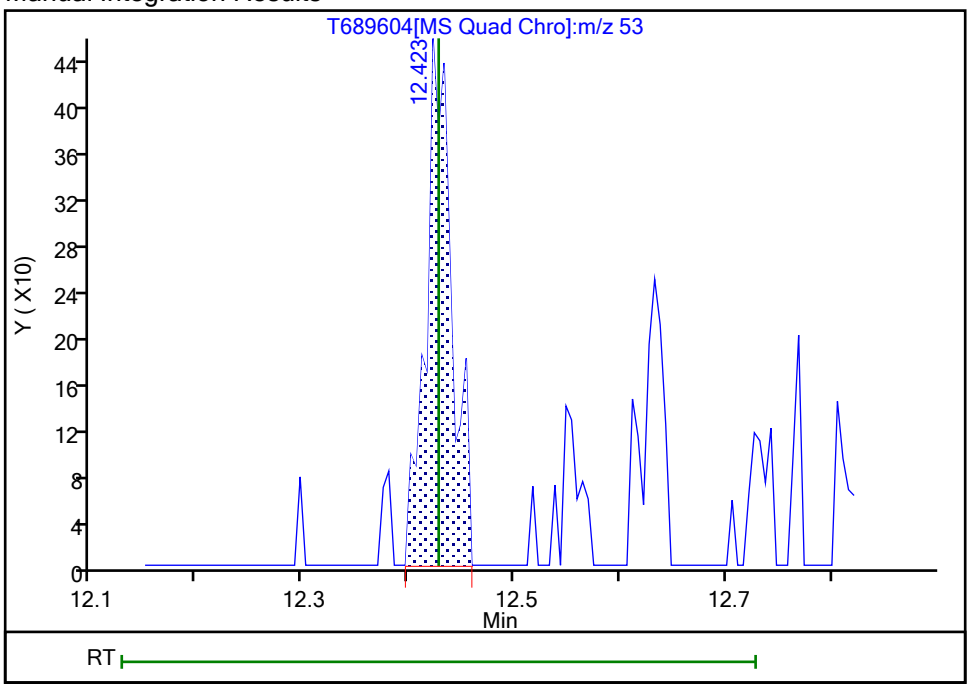
Processing Integration Results

RT: 12.55
Area: 141
Amount: 0.094363
Amount Units: ug/l



Manual Integration Results

RT: 12.42
Area: 770
Amount: 0.593153
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:38:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

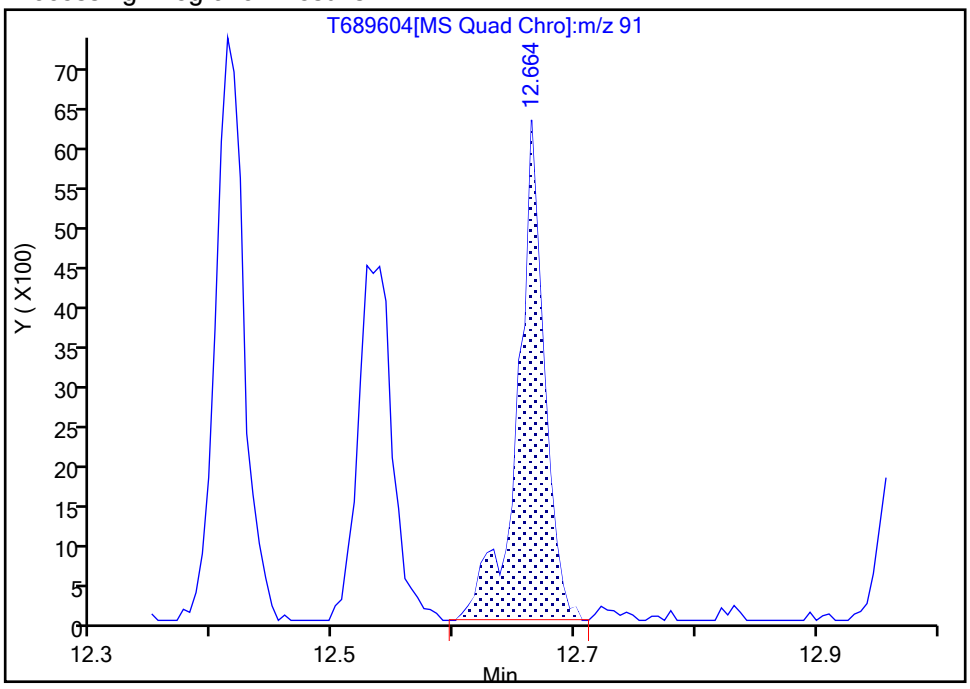
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

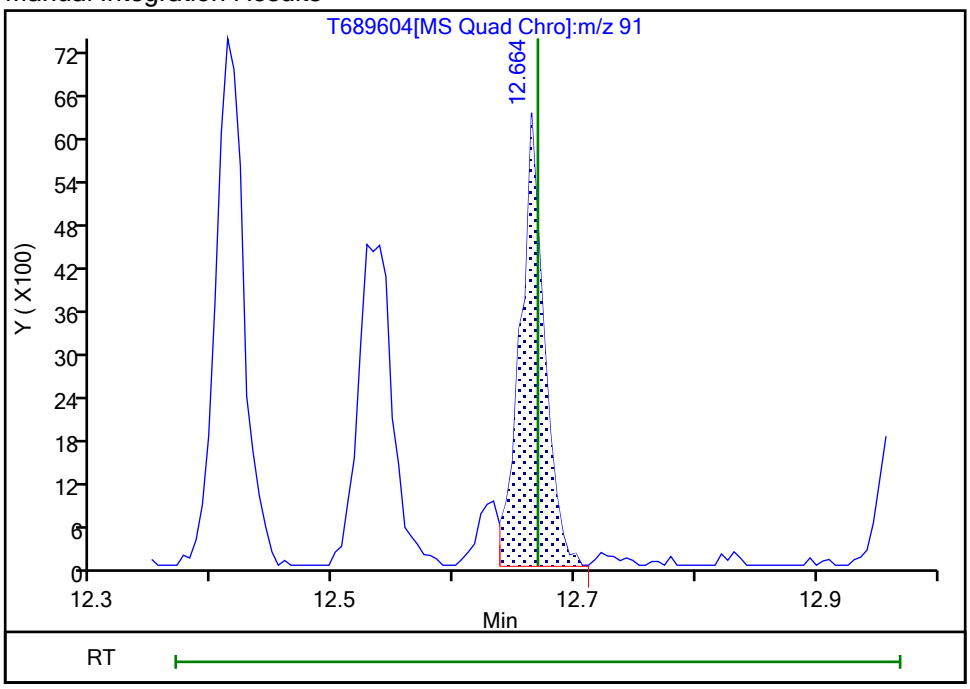
Processing Integration Results

RT: 12.66
Area: 9714
Amount: 0.617918
Amount Units: ug/l



Manual Integration Results

RT: 12.66
Area: 8758
Amount: 0.605973
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:14:50 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

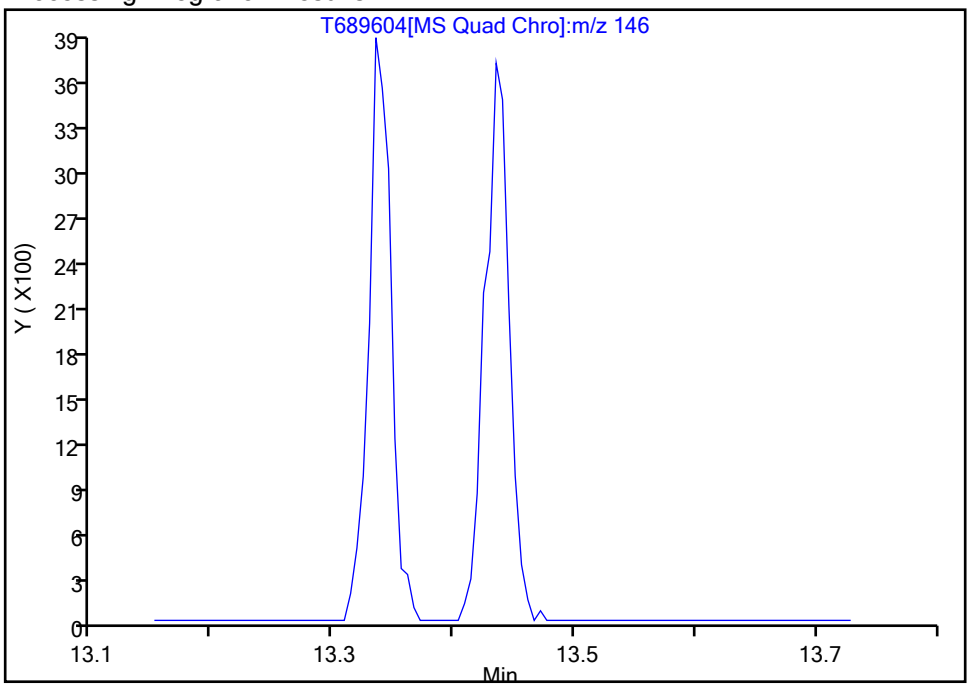
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

121 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

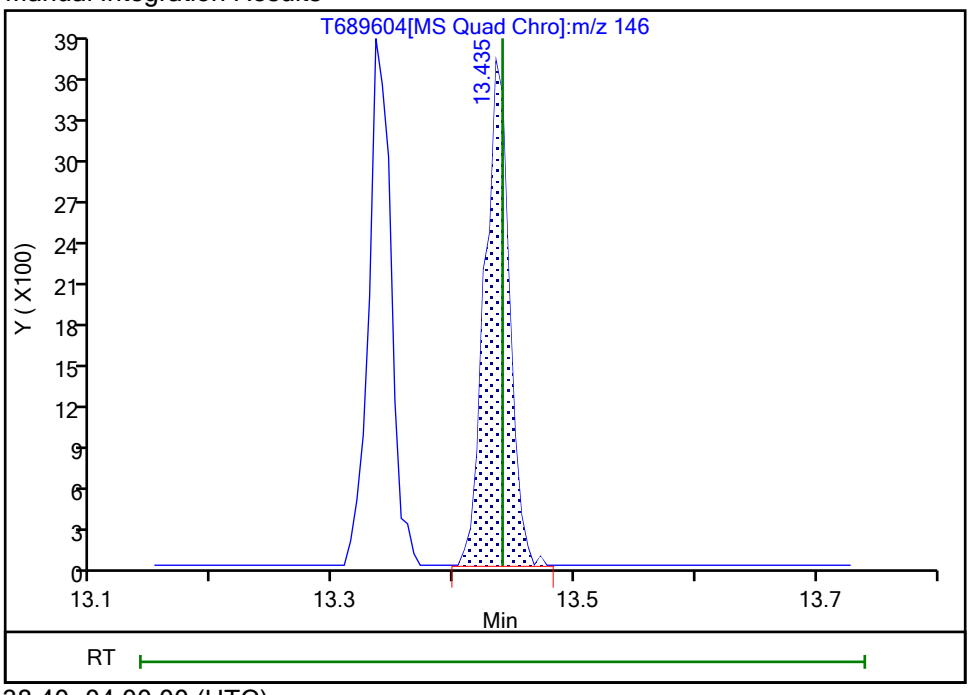
Not Detected
Expected RT: 13.44

Processing Integration Results



Manual Integration Results

RT: 13.43
Area: 5259
Amount: 0.603829
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:38:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 21-Apr-2025 14:08:48 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 19-Apr-2025 06:14:56 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0189481-007
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:08:47 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 09:00:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.517	1.512	0.005	28	523	5.00	4.09	a
3 Chlorotrifluoroethene	116	1.643	1.633	0.010	67	3466	5.00	4.61	
2 1,1-Difluoroethane	65	1.648	1.648	0.000	91	5710	5.00	5.06	
4 Dichlorodifluoromethane	85	1.674	1.669	0.005	99	24087	5.00	4.82	
5 Chlorodifluoromethane	67	1.701	1.695	0.006	96	3239	5.00	5.00	
6 Chloromethane	50	1.879	1.874	0.005	99	19808	5.00	4.90	
7 Vinyl chloride	62	1.984	1.979	0.005	98	17868	5.00	5.08	
8 Butadiene	54	2.015	2.015	0.000	96	17023	5.00	4.94	
9 Bromomethane	94	2.325	2.319	0.006	91	10145	5.00	5.12	
10 Chloroethane	64	2.424	2.424	0.000	97	11005	5.00	5.09	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	99	34508	5.00	4.99	
12 Trichlorofluoromethane	101	2.644	2.644	0.000	99	32839	5.00	4.86	
13 Pentane	72	2.707	2.702	0.005	94	5473	10.0	8.98	
14 Ethanol	46	2.844	2.838	0.006	89	2274	200.0	236.1	
15 Ethyl ether	59	2.917	2.917	0.000	91	12282	5.00	4.50	
17 2-Methyl-1,3-butadiene	53	2.949	2.938	0.011	84	13017	5.00	4.71	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.954	2.954	0.000	79	13971	5.00	4.67	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.022	3.011	0.011	90	20647	5.00	4.80	
19 Acrolein	56	3.095	3.090	0.005	94	8664	20.0	19.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.122	3.116	0.006	95	15235	5.00	4.55	
20 1,1-Dichloroethene	96	3.158	3.153	0.005	97	14312	5.00	4.46	
22 Acetone	43	3.232	3.226	0.006	87	21032	25.0	22.0	
25 Isopropyl alcohol	45	3.321	3.321	0.000	72	7420	50.0	43.1	
23 Iodomethane	142	3.326	3.326	0.000	93	11853	5.00	2.73	
24 Carbon disulfide	76	3.378	3.379	0.000	99	44830	5.00	4.48	
28 Methyl acetate	43	3.520	3.520	0.000	90	18530	10.0	9.36	
27 3-Chloro-1-propene	76	3.520	3.525	-0.005	84	8958	5.00	5.07	
26 Acetonitrile	41	3.557	3.546	0.011	60	19681	50.0	42.7	a
29 Cyclopentene	67	3.562	3.562	0.000	88	40154	5.00	4.56	
* 31 TBA-d9 (IS)	66	3.625	3.620	0.005	97	47064	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.656	3.662	-0.006	87	16622	5.00	4.86	
32 2-Methyl-2-propanol	59	3.709	3.709	0.000	95	14426	50.0	45.0	
35 Methyl tert-butyl ether	73	3.866	3.856	0.010	95	48846	5.00	4.83	
34 trans-1,2-Dichloroethene	96	3.892	3.892	0.000	92	17057	5.00	4.76	
33 Acrylonitrile	53	3.939	3.940	-0.001	93	47149	50.0	49.1	
36 Hexane	57	4.102	4.097	0.005	89	16247	5.00	4.20	
40 Isopropyl ether	45	4.322	4.328	-0.006	94	40379	5.00	4.67	
37 1,1-Dichloroethane	63	4.348	4.343	0.005	88	30389	5.00	4.85	
38 Vinyl acetate	86	4.364	4.364	0.000	99	6512	10.0	9.77	
39 2-Chloro-1,3-butadiene	88	4.417	4.417	0.000	92	14827	5.00	4.72	
41 Tert-butyl ethyl ether	59	4.700	4.700	0.000	87	46420	5.00	4.65	
* 42 2-Butanone-d5	46	4.904	4.899	0.005	46	94043	250.0	250.0	
44 2,2-Dichloropropane	97	4.941	4.941	0.000	70	6396	5.00	4.91	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	63	18473	5.00	4.67	
45 2-Butanone (MEK)	72	4.962	4.962	0.000	96	10664	25.0	24.3	
47 Ethyl acetate	70	4.988	4.983	0.005	97	3651	10.0	10.4	a
48 Methyl acrylate	55	5.041	5.041	0.000	94	12650	5.00	4.78	
46 Propionitrile	54	5.093	5.093	0.000	97	18346	50.0	47.5	a
49 Chlorobromomethane	128	5.224	5.224	0.000	54	8969	5.00	4.97	
50 Methacrylonitrile	67	5.240	5.235	0.005	90	61701	50.0	49.9	
51 Tetrahydrofuran	72	5.235	5.245	-0.010	28	4345	10.0	10.9	
52 Chloroform	83	5.287	5.282	0.005	96	34477	5.00	4.77	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.471	0.000	96	149261	50.0	50.4	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	49	34285	5.00	4.82	
55 Cyclohexane	84	5.486	5.491	-0.005	48	22460	5.00	4.38	
56 Carbon tetrachloride	117	5.633	5.633	0.000	98	26877	5.00	4.45	
57 1,1-Dichloropropene	75	5.664	5.665	0.000	95	24867	5.00	4.61	
59 Isobutyl alcohol	43	5.759	5.764	-0.005	92	12176	125.0	113.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.890	5.885	0.005	97	188309	50.0	49.7	
60 Benzene	78	5.890	5.895	-0.005	61	65982	5.00	4.74	
62 Isooctane	57	5.895	5.900	-0.005	42	31133	5.00	4.32	
63 Isopropyl acetate	61	5.948	5.963	-0.015	96	7738	5.00	4.74	
61 1,2-Dichloroethane	62	5.979	5.979	0.000	86	28741	5.00	4.67	
64 Tert-amyl methyl ether	73	5.984	5.979	0.005	97	45449	5.00	4.74	
66 n-Heptane	43	6.110	6.121	-0.011	88	13023	5.00	4.22	
* 65 Fluorobenzene	96	6.231	6.231	0.000	98	512348	50.0	50.0	
68 n-Butanol	56	6.551	6.556	-0.005	79	7908	125.0	103.5	
67 Trichloroethene	95	6.666	6.666	0.000	94	19437	5.00	4.64	
69 Ethyl acrylate	55	6.797	6.787	0.010	98	17332	5.00	4.69	
70 Methylcyclohexane	83	6.849	6.834	0.015	92	22786	5.00	4.24	
71 1,2-Dichloropropane	63	6.991	6.986	0.005	84	16267	5.00	4.85	
* 73 1,4-Dioxane-d8	96	7.054	7.054	0.000	1	32303	1000.0	1000.0	a
75 Methyl methacrylate	100	7.091	7.085	0.006	81	7680	10.0	9.36	
74 1,4-Dioxane	88	7.112	7.112	0.000	44	3536	100.0	94.4	
72 Dibromomethane	93	7.148	7.143	0.005	78	12213	5.00	5.18	
76 n-Propyl acetate	43	7.159	7.154	0.005	95	18180	5.00	4.46	
77 Dichlorobromomethane	83	7.321	7.321	0.000	97	23834	5.00	4.42	
78 2-Nitropropane	41	7.704	7.704	0.000	91	8355	10.0	8.71	
80 Epichlorohydrin	57	7.846	7.846	0.000	96	16639	100.0	91.1	
81 cis-1,3-Dichloropropene	75	7.935	7.935	0.000	91	28118	5.00	4.64	
82 4-Methyl-2-pentanone (MIBK)	43	8.129	8.129	0.000	92	57008	25.0	23.4	
$ 83 Toluene-d8 (Surr)	98	8.249	8.249	0.000	97	509309	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.344	8.344	0.000	91	72698	5.00	4.65	
85 trans-1,3-Dichloropropene	75	8.742	8.737	0.005	94	25158	5.00	4.53	
86 Ethyl methacrylate	69	8.800	8.789	0.011	82	19412	5.00	4.65	
87 1,1,2-Trichloroethane	83	8.994	8.994	0.000	92	12407	5.00	4.84	
88 Tetrachloroethene	166	9.104	9.099	0.005	96	22551	5.00	4.71	
89 1,3-Dichloropropane	76	9.261	9.256	0.005	89	26132	5.00	4.73	
90 2-Hexanone	43	9.340	9.340	0.000	95	41073	25.0	23.7	
93 n-Butyl acetate	43	9.492	9.487	0.005	97	18147	5.00	4.66	
91 Chlorodibromomethane	129	9.534	9.529	0.005	92	17466	5.00	4.68	
92 Ethylene Dibromide	107	9.723	9.728	-0.005	95	15463	5.00	4.64	
* 94 Chlorobenzene-d5	117	10.415	10.415	0.000	87	415058	50.0	50.0	
95 Chlorobenzene	112	10.462	10.457	0.005	94	49784	5.00	4.82	
97 Ethylbenzene	106	10.598	10.598	0.000	98	27205	5.00	4.76	
96 1,1,1,2-Tetrachloroethane	131	10.598	10.604	-0.006	42	18775	5.00	4.70	
98 m-Xylene & p-Xylene	106	10.797	10.792	0.005	92	32044	5.00	4.65	
101 n-Butyl acrylate	73	11.385	11.395	-0.010	93	10642	5.00	4.52	
99 o-Xylene	106	11.411	11.411	0.000	94	31344	5.00	4.70	
100 Styrene	104	11.442	11.442	0.000	92	49519	5.00	4.72	
102 Bromoform	173	11.705	11.705	0.000	79	11196	5.00	4.37	
103 Amyl acetate (mixed isomers)	43	11.715	11.715	0.000	89	20650	5.00	4.47	
104 Isopropylbenzene	105	11.904	11.904	0.000	96	75296	5.00	4.70	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	90	185783	50.0	50.8	
106 Bromobenzene	156	12.307	12.308	-0.001	94	22136	5.00	4.65	
107 1,1,2,2-Tetrachloroethane	83	12.349	12.355	-0.006	90	17832	5.00	4.75	
108 1,2,3-Trichloropropane	110	12.407	12.412	-0.005	60	6913	5.00	4.72	
110 N-Propylbenzene	91	12.412	12.418	-0.006	98	96392	5.00	4.69	
109 trans-1,4-Dichloro-2-butene	53	12.433	12.428	0.005	53	5650	5.00	4.37	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	96	70105	5.00	4.65	
112 4-Ethyltoluene	105	12.554	12.554	0.000	97	80086	5.00	4.66	
114 1,3,5-Trimethylbenzene	105	12.633	12.633	0.000	92	71717	5.00	4.75	
113 4-Chlorotoluene	91	12.669	12.669	0.000	98	67609	5.00	4.70	M
115 Butyl Methacrylate	87	12.753	12.748	0.005	86	19045	5.00	4.39	
116 tert-Butylbenzene	119	12.973	12.973	0.000	92	58990	5.00	4.58	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	97	72519	5.00	4.71	
118 sec-Butylbenzene	105	13.204	13.204	0.000	98	80026	5.00	4.66	
119 1,3-Dichlorobenzene	146	13.340	13.335	0.005	95	39782	5.00	4.72	
122 4-Isopropyltoluene	119	13.356	13.351	0.005	92	71671	5.00	4.69	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	96	249802	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.435	13.440	-0.005	88	39251	5.00	4.53	
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	98	70230	5.00	4.51	
124 Benzyl chloride	91	13.576	13.576	0.000	97	35530	5.00	4.36	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	94	59289	5.00	4.60	
127 p-Diethylbenzene	119	13.723	13.723	0.000	92	40494	5.00	4.56	
128 n-Butylbenzene	92	13.744	13.744	0.000	97	33900	5.00	4.73	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	95	36019	5.00	4.65	
130 1,2,4,5-Tetramethylbenzene	119	14.420	14.426	-0.006	96	60631	5.00	4.57	
129 1,2-Dibromo-3-Chloropropane	157	14.494	14.504	-0.010	87	4152	5.00	4.72	
131 1,3,5-Trichlorobenzene	180	14.635	14.641	-0.006	95	24828	5.00	4.59	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	92	19335	5.00	4.20	
133 Hexachlorobutadiene	225	15.249	15.244	0.005	76	10499	5.00	4.21	
134 Naphthalene	128	15.348	15.349	-0.001	99	45856	5.00	4.23	
135 1,2,3-Trichlorobenzene	180	15.548	15.548	0.000	92	15678	5.00	4.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.43	
S 137 Xylenes, Total	100				0		10.0	9.35	
S 140 Total BTEX	1				0		25.0	23.5	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.17	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00203	Amount Added:	10.00	Units: uL	
GASES Li_00637	Amount Added:	10.00	Units: uL	
524FREONS_00033	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:08:48 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D

Injection Date: 19-Apr-2025 06:14:56 Instrument ID: CVOAMS15

Lims ID: STD5

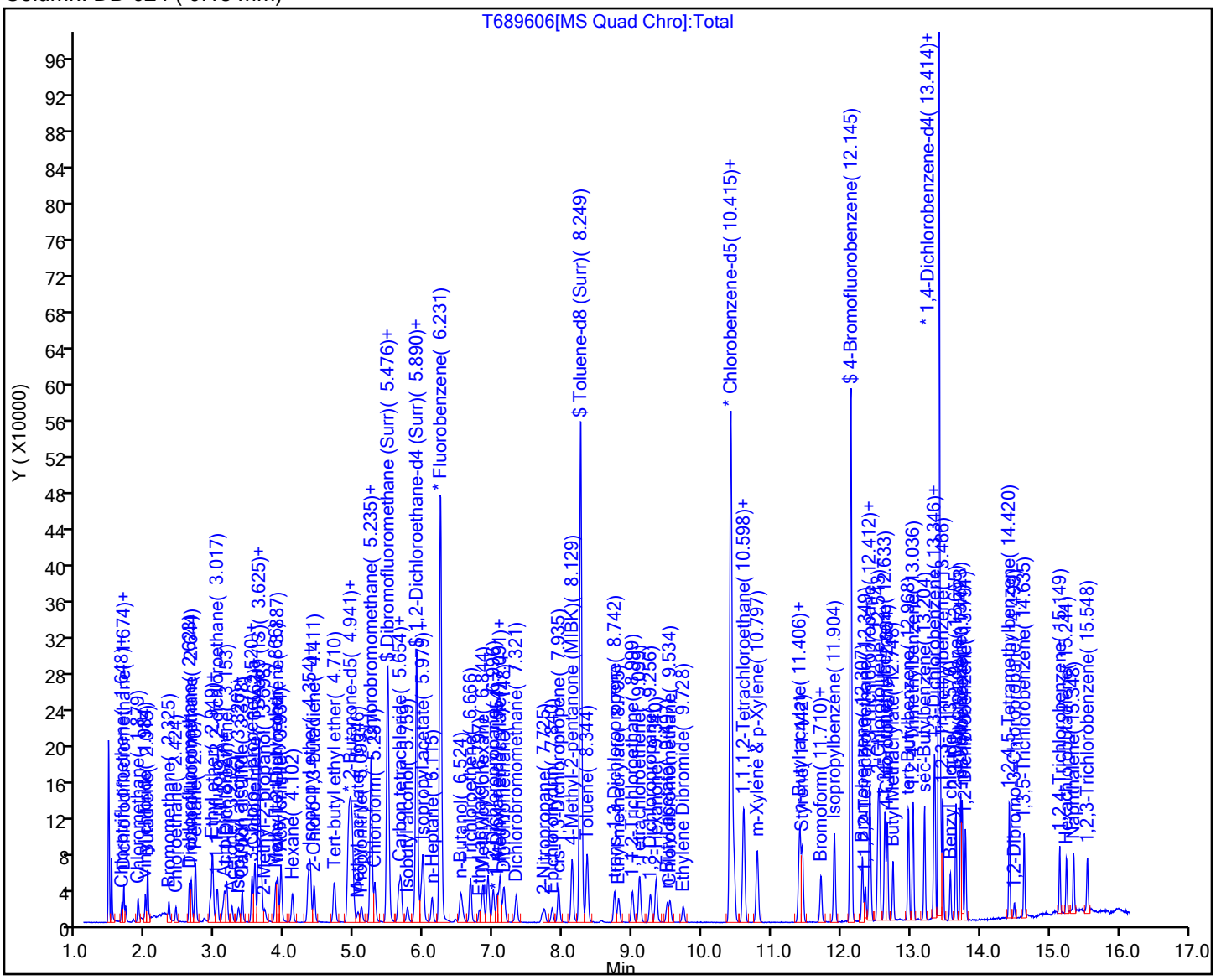
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

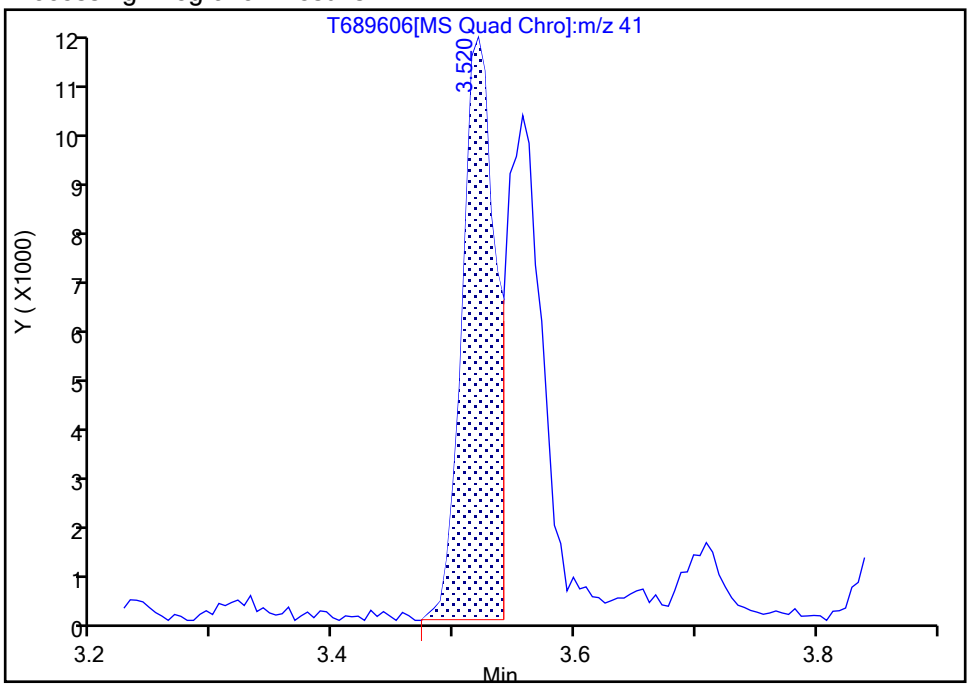
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D
Injection Date: 19-Apr-2025 06:14:56 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

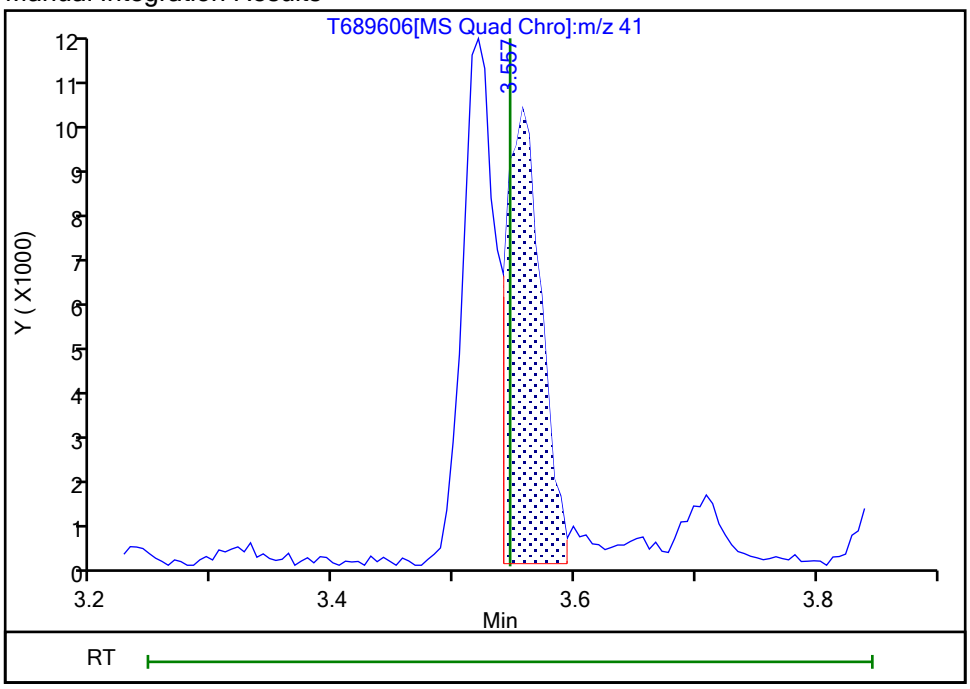
Processing Integration Results

RT: 3.52
Area: 22113
Amount: 73.940628
Amount Units: ug/l



Manual Integration Results

RT: 3.56
Area: 19681
Amount: 42.731182
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:12:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

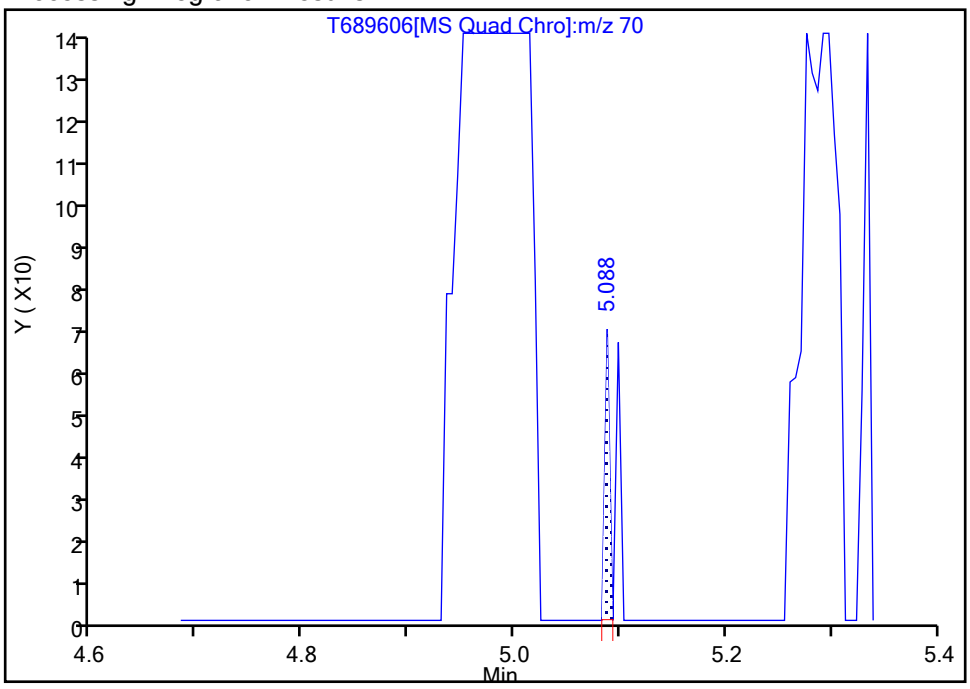
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D
Injection Date: 19-Apr-2025 06:14:56 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

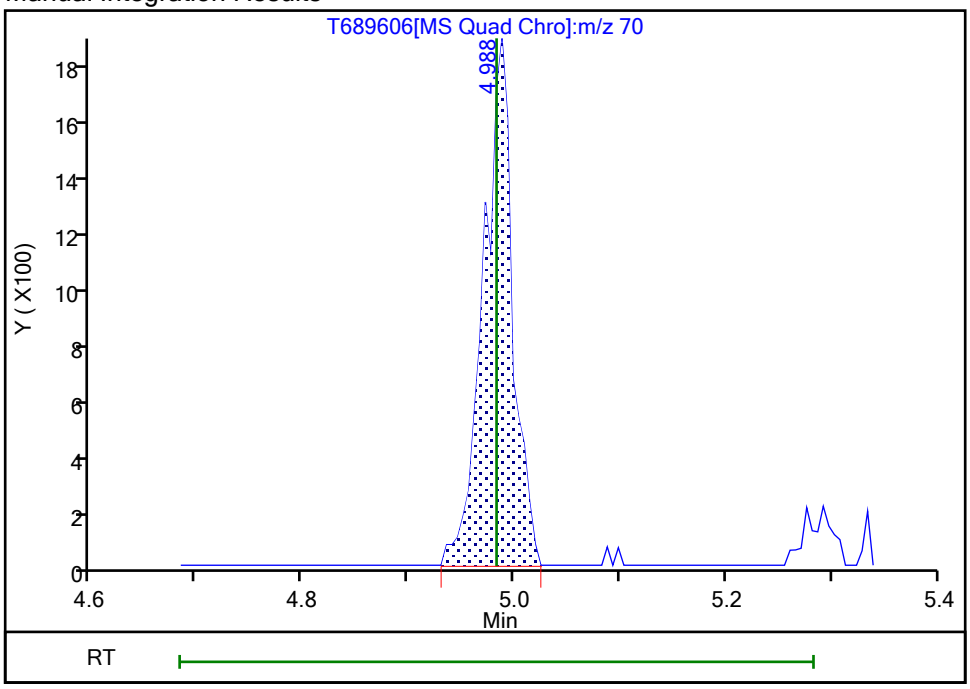
Processing Integration Results

RT: 5.09
Area: 21
Amount: 0.099932
Amount Units: ug/l



Manual Integration Results

RT: 4.99
Area: 3651
Amount: 10.427233
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:12:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

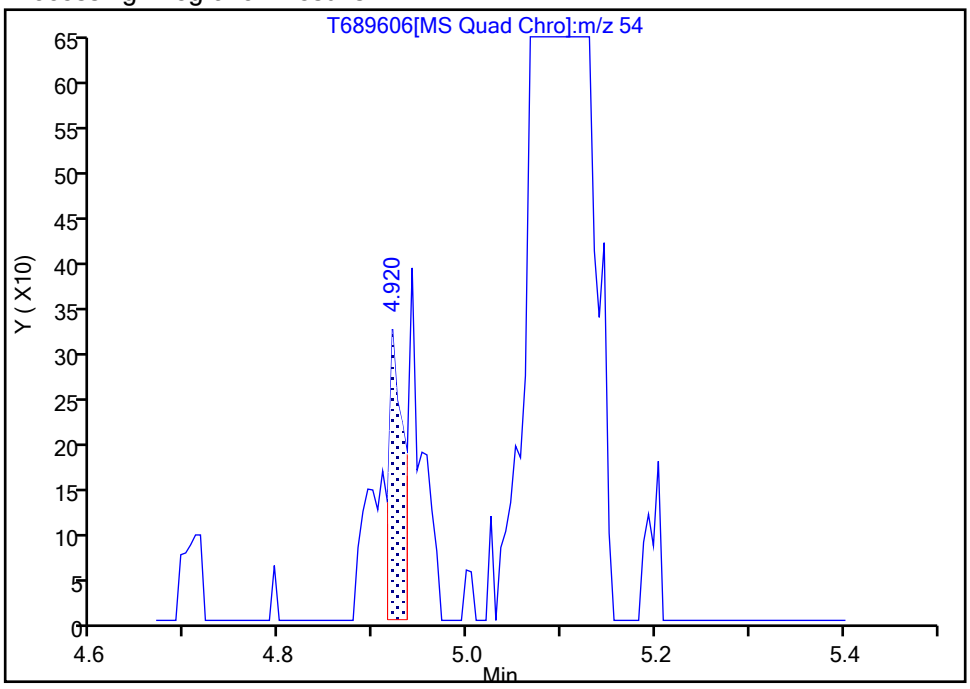
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D
Injection Date: 19-Apr-2025 06:14:56 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

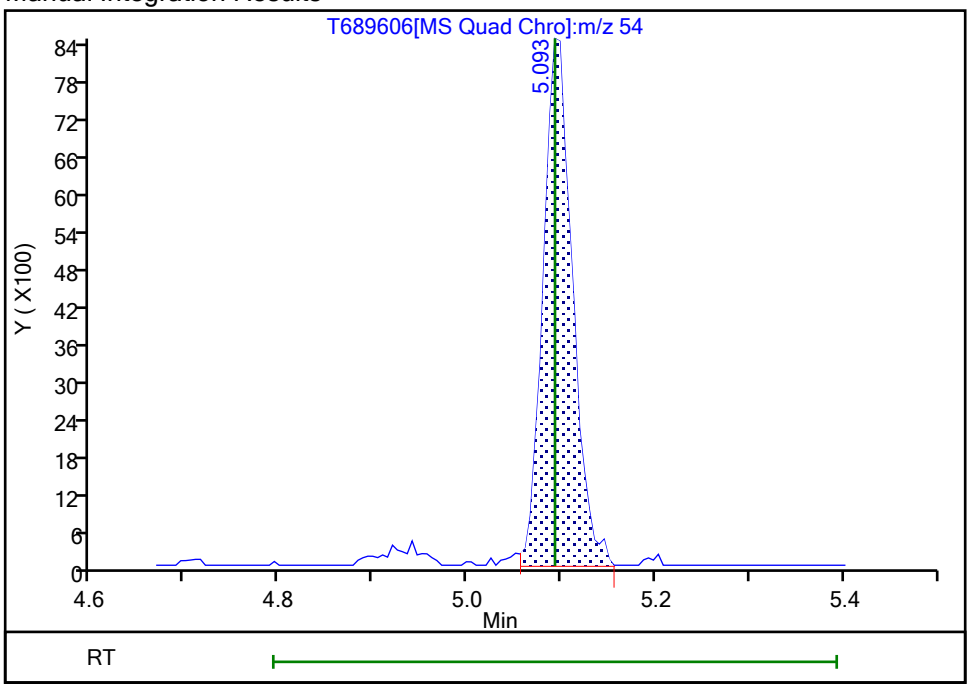
Processing Integration Results

RT: 4.92
Area: 348
Amount: 1.336642
Amount Units: ug/l



Manual Integration Results

RT: 5.09
Area: 18346
Amount: 47.527337
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:12:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

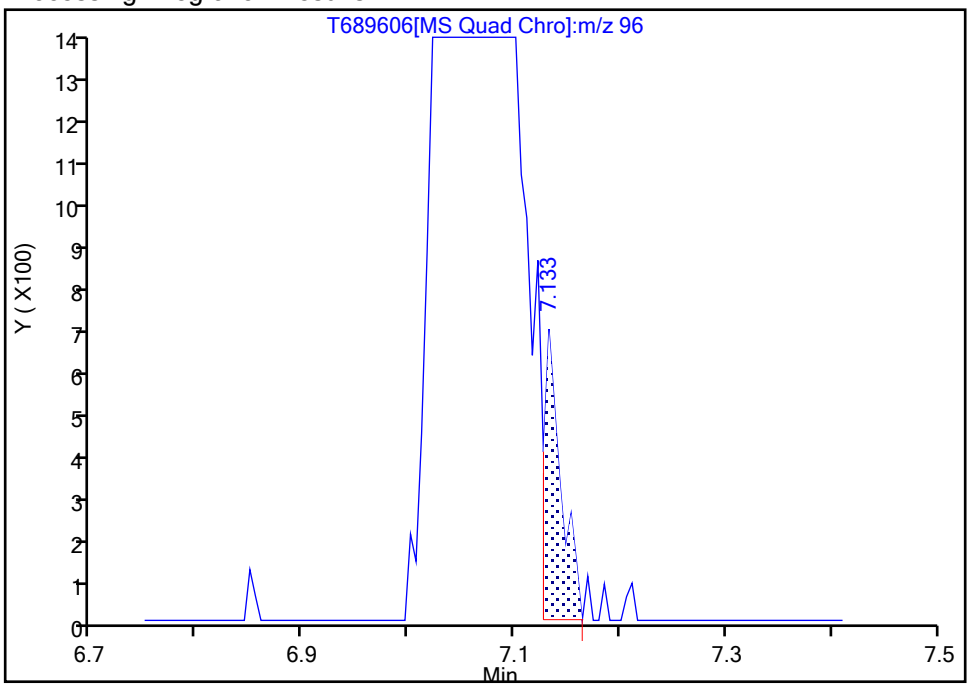
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D
Injection Date: 19-Apr-2025 06:14:56 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

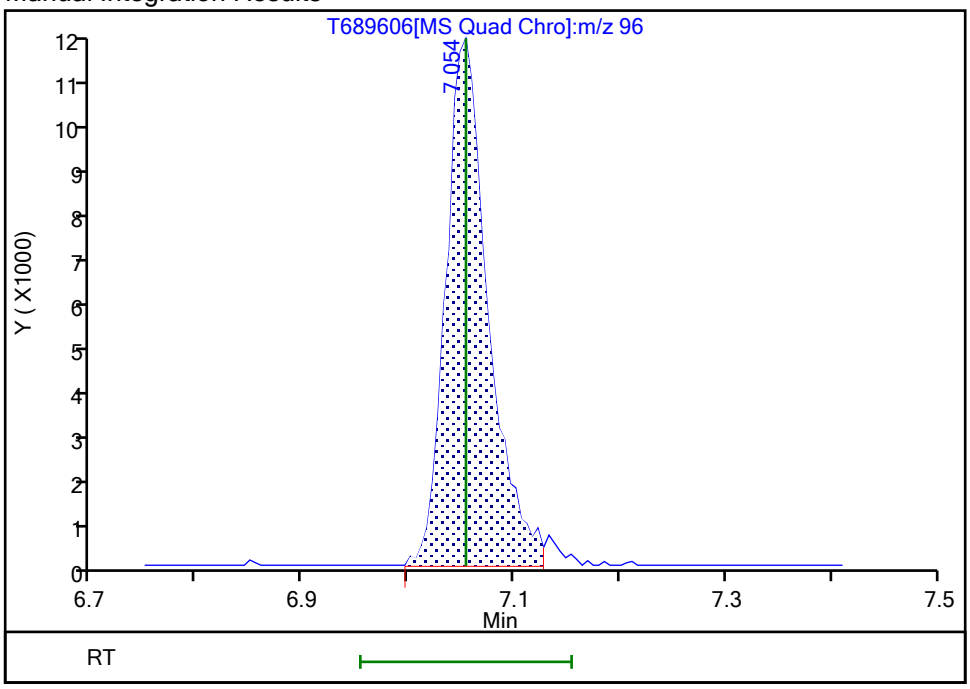
Processing Integration Results

RT: 7.13
Area: 753
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 7.05
Area: 32303
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:12:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

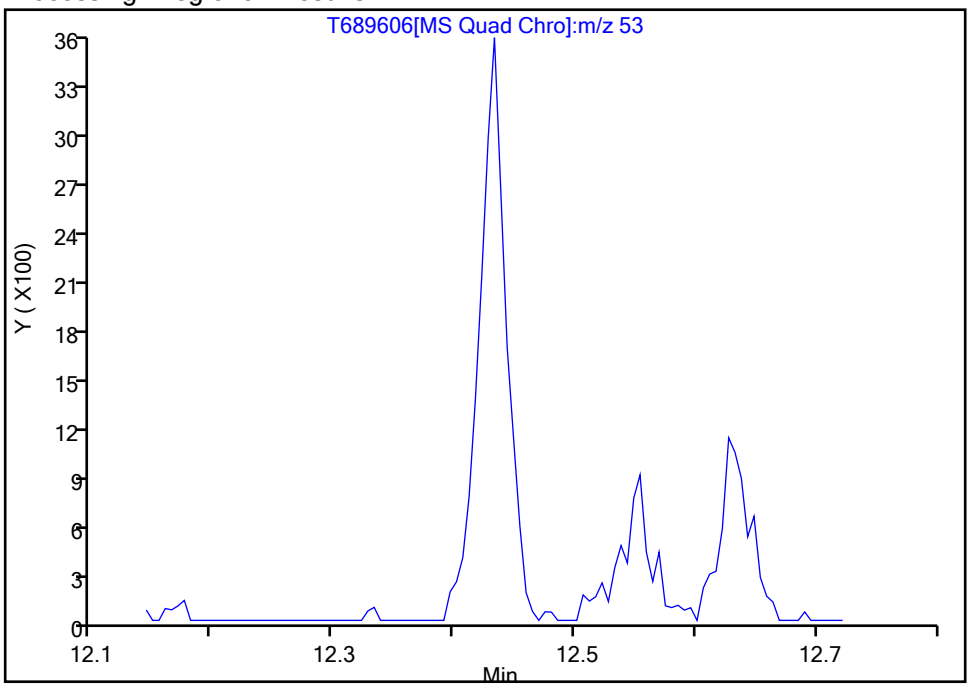
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D
Injection Date: 19-Apr-2025 06:14:56 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

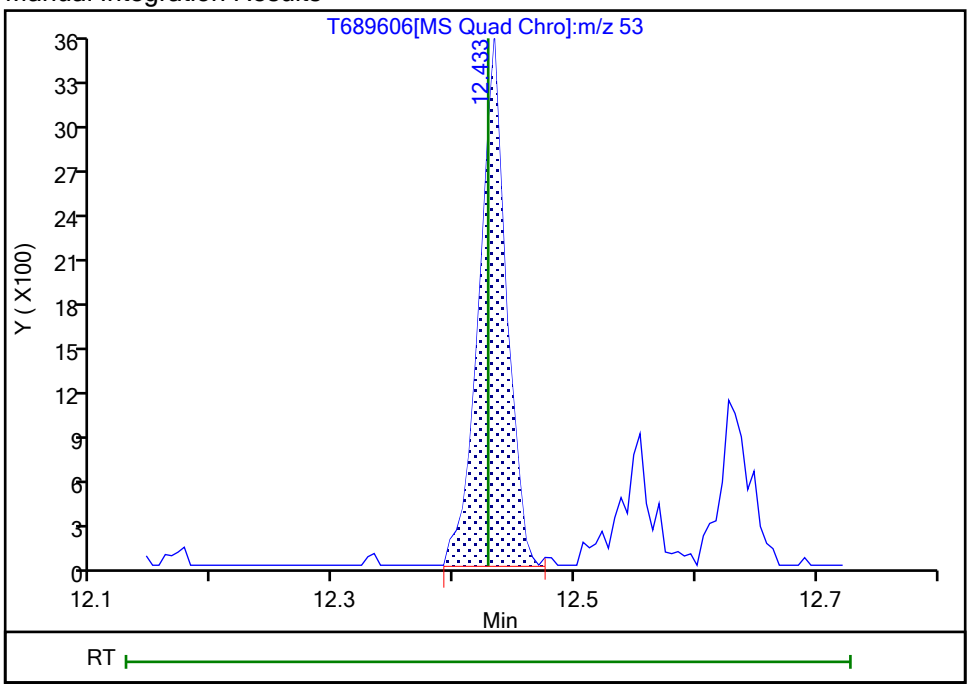
Not Detected
Expected RT: 12.43

Processing Integration Results



Manual Integration Results

RT: 12.43
Area: 5650
Amount: 4.373401
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:12:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

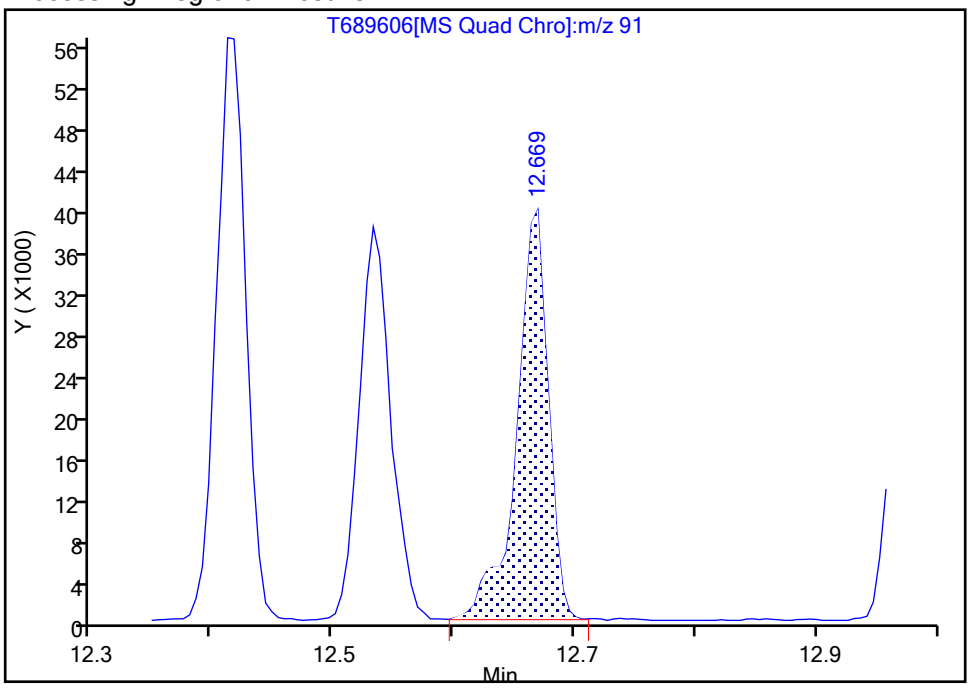
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D
Injection Date: 19-Apr-2025 06:14:56 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

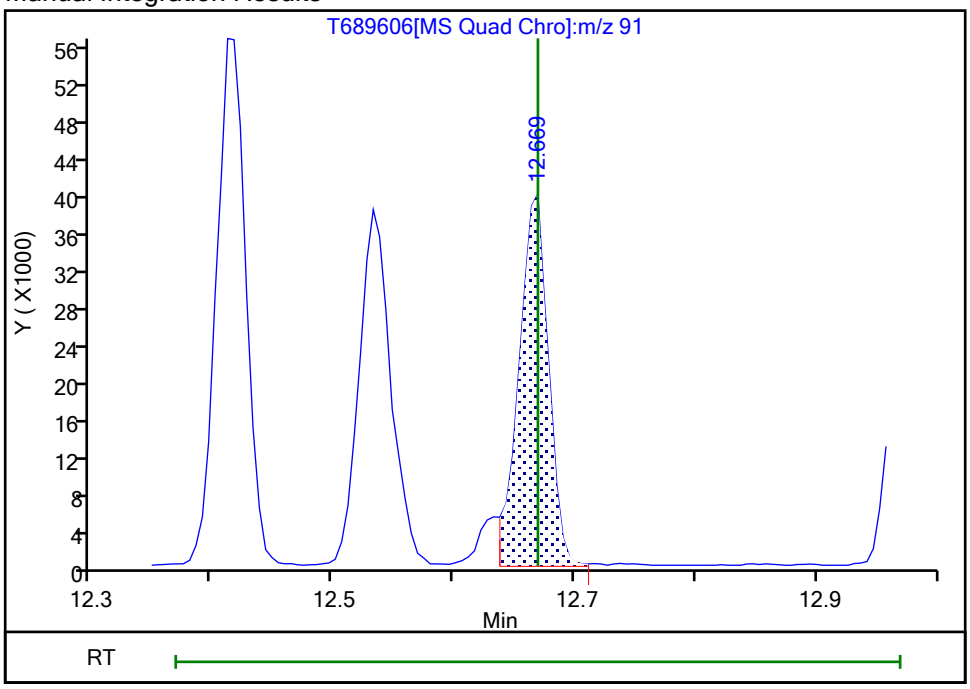
Processing Integration Results

RT: 12.67
Area: 72949
Amount: 4.777324
Amount Units: ug/l



Manual Integration Results

RT: 12.67
Area: 67609
Amount: 4.700544
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:18:26 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 19-Apr-2025 06:37:52 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0189481-008
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:09:19 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 08:00:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.512	1.512	0.000	59	1656	20.0	12.5	a
3 Chlorotrifluoroethene	116	1.638	1.638	0.000	94	14218	20.0	18.2	
2 1,1-Difluoroethane	65	1.653	1.653	0.000	93	21530	20.0	18.3	
4 Dichlorodifluoromethane	85	1.674	1.674	0.000	99	94998	20.0	18.3	
5 Chlorodifluoromethane	67	1.700	1.700	0.000	96	12861	20.0	20.0	
6 Chloromethane	50	1.879	1.879	0.000	99	75810	20.0	18.1	
7 Vinyl chloride	62	1.984	1.984	0.000	98	70317	20.0	19.3	
8 Butadiene	54	2.015	2.015	0.000	95	65136	20.0	18.2	
9 Bromomethane	94	2.319	2.319	0.000	97	38888	20.0	20.1	
10 Chloroethane	64	2.419	2.419	0.000	99	41917	20.0	18.7	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	99	137061	20.0	19.1	
12 Trichlorofluoromethane	101	2.644	2.644	0.000	98	132214	20.0	18.8	
13 Pentane	72	2.702	2.702	0.000	94	25577	40.0	40.4	
14 Ethanol	46	2.833	2.833	0.000	99	8885	800.0	932.5	
15 Ethyl ether	59	2.917	2.917	0.000	93	50362	20.0	17.8	
17 2-Methyl-1,3-butadiene	53	2.943	2.943	0.000	86	54760	20.0	19.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.954	2.954	0.000	89	59784	20.0	19.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.016	3.016	0.000	96	83948	20.0	18.8	
19 Acrolein	56	3.095	3.095	0.000	96	17370	40.0	37.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.121	3.121	0.000	97	71025	20.0	20.4	
20 1,1-Dichloroethene	96	3.158	3.158	0.000	99	65132	20.0	19.6	
22 Acetone	43	3.231	3.231	0.000	86	85280	100.0	86.5	
25 Isopropyl alcohol	45	3.326	3.326	0.000	53	32976	200.0	193.7	
23 Iodomethane	142	3.326	3.326	0.000	97	67463	20.0	15.1	
24 Carbon disulfide	76	3.378	3.378	0.000	99	197440	20.0	19.0	
28 Methyl acetate	43	3.520	3.520	0.000	90	75777	40.0	36.9	
27 3-Chloro-1-propene	76	3.520	3.520	0.000	88	37924	20.0	20.7	
26 Acetonitrile	41	3.551	3.551	0.000	68	91299	200.0	222.8	a
29 Cyclopentene	67	3.562	3.562	0.000	89	180729	20.0	19.8	
* 31 TBA-d9 (IS)	66	3.619	3.619	0.000	98	46564	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.656	3.656	0.000	84	71077	20.0	20.0	
32 2-Methyl-2-propanol	59	3.703	3.703	0.000	99	61729	200.0	194.6	
35 Methyl tert-butyl ether	73	3.861	3.861	0.000	96	211277	20.0	20.1	
34 trans-1,2-Dichloroethene	96	3.892	3.892	0.000	93	73715	20.0	19.8	
33 Acrylonitrile	53	3.934	3.934	0.000	93	194313	200.0	195.1	
36 Hexane	57	4.102	4.102	0.000	90	79671	20.0	19.9	
40 Isopropyl ether	45	4.327	4.327	0.000	92	175434	20.0	19.6	
37 1,1-Dichloroethane	63	4.348	4.348	0.000	88	126702	20.0	19.5	
38 Vinyl acetate	86	4.359	4.359	0.000	99	28343	40.0	45.8	
39 2-Chloro-1,3-butadiene	88	4.416	4.416	0.000	92	63555	20.0	19.5	
41 Tert-butyl ethyl ether	59	4.705	4.705	0.000	90	206338	20.0	19.9	
* 42 2-Butanone-d5	46	4.899	4.899	0.000	60	87332	250.0	250.0	a
44 2,2-Dichloropropane	97	4.946	4.946	0.000	86	25903	20.0	19.2	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	72	80228	20.0	19.6	
45 2-Butanone (MEK)	72	4.962	4.962	0.000	98	40382	100.0	100.8	
47 Ethyl acetate	70	4.983	4.983	0.000	96	15470	40.0	47.6	
48 Methyl acrylate	55	5.040	5.040	0.000	98	50094	20.0	18.3	
46 Propionitrile	54	5.098	5.098	0.000	96	79386	200.0	198.3	a
49 Chlorobromomethane	128	5.224	5.224	0.000	52	36086	20.0	19.3	
50 Methacrylonitrile	67	5.234	5.234	0.000	91	261143	200.0	203.7	
51 Tetrahydrofuran	72	5.229	5.229	0.000	28	15828	40.0	44.4	
52 Chloroform	83	5.287	5.287	0.000	100	147500	20.0	19.7	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.470	0.000	96	151916	50.0	49.5	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	94	146153	20.0	19.8	
55 Cyclohexane	84	5.481	5.481	0.000	80	103747	20.0	19.5	
56 Carbon tetrachloride	117	5.633	5.633	0.000	98	123190	20.0	19.6	
57 1,1-Dichloropropene	75	5.659	5.659	0.000	98	109237	20.0	19.5	
59 Isobutyl alcohol	43	5.753	5.753	0.000	97	51314	500.0	483.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.890	5.890	0.000	80	191427	50.0	48.7	
60 Benzene	78	5.890	5.890	0.000	95	285664	20.0	19.9	
62 Isooctane	57	5.895	5.895	0.000	62	152662	20.0	20.4	
63 Isopropyl acetate	61	5.947	5.947	0.000	97	32778	20.0	19.4	
61 1,2-Dichloroethane	62	5.979	5.979	0.000	78	116627	20.0	18.3	
64 Tert-amyl methyl ether	73	5.979	5.979	0.000	97	199158	20.0	20.0	
66 n-Heptane	43	6.115	6.115	0.000	88	62039	20.0	19.4	
* 65 Fluorobenzene	96	6.236	6.236	0.000	99	531405	50.0	50.0	
68 n-Butanol	56	6.550	6.550	0.000	88	35554	500.0	470.2	
67 Trichloroethene	95	6.666	6.666	0.000	97	83668	20.0	19.3	
69 Ethyl acrylate	55	6.797	6.797	0.000	98	74811	20.0	19.5	a
70 Methylcyclohexane	83	6.844	6.844	0.000	93	113056	20.0	20.3	
71 1,2-Dichloropropane	63	6.996	6.996	0.000	85	67006	20.0	19.2	
* 73 1,4-Dioxane-d8	96	7.048	7.048	0.000	1	34115	1000.0	1000.0	a
75 Methyl methacrylate	100	7.090	7.090	0.000	83	33584	40.0	39.5	
74 1,4-Dioxane	88	7.122	7.122	0.000	73	15879	400.0	401.4	
72 Dibromomethane	93	7.143	7.143	0.000	94	48719	20.0	19.9	
76 n-Propyl acetate	43	7.153	7.153	0.000	96	76093	20.0	18.0	
77 Dichlorobromomethane	83	7.321	7.321	0.000	99	107262	20.0	19.2	
78 2-Nitropropane	41	7.699	7.699	0.000	96	35801	40.0	36.0	
80 Epichlorohydrin	57	7.840	7.840	0.000	98	73807	400.0	442.2	
81 cis-1,3-Dichloropropene	75	7.934	7.934	0.000	92	125708	20.0	20.2	
82 4-Methyl-2-pentanone (MIBK)	43	8.128	8.128	0.000	95	250918	100.0	99.3	
$ 83 Toluene-d8 (Surr)	98	8.254	8.254	0.000	98	522698	50.0	50.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.343	8.343	0.000	92	311710	20.0	19.4	
85 trans-1,3-Dichloropropene	75	8.737	8.737	0.000	93	118496	20.0	20.7	
86 Ethyl methacrylate	69	8.800	8.800	0.000	85	86501	20.0	20.2	
87 1,1,2-Trichloroethane	83	8.999	8.999	0.000	91	51342	20.0	19.4	
88 Tetrachloroethene	166	9.098	9.098	0.000	97	91802	20.0	18.6	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	92	114485	20.0	20.1	
90 2-Hexanone	43	9.340	9.340	0.000	93	174517	100.0	97.2	
93 n-Butyl acetate	43	9.497	9.497	0.000	97	77920	20.0	19.5	
91 Chlorodibromomethane	129	9.539	9.539	0.000	95	80354	20.0	20.9	
92 Ethylene Dibromide	107	9.733	9.733	0.000	95	68839	20.0	20.1	
* 94 Chlorobenzene-d5	117	10.414	10.414	0.000	87	427094	50.0	50.0	
95 Chlorobenzene	112	10.456	10.456	0.000	94	209282	20.0	19.7	
97 Ethylbenzene	106	10.598	10.598	0.000	98	116456	20.0	19.8	
96 1,1,1,2-Tetrachloroethane	131	10.603	10.603	0.000	44	82588	20.0	20.1	
98 m-Xylene & p-Xylene	106	10.792	10.792	0.000	92	138340	20.0	19.5	
101 n-Butyl acrylate	73	11.390	11.390	0.000	97	50161	20.0	20.7	
99 o-Xylene	106	11.411	11.411	0.000	93	134621	20.0	19.6	
100 Styrene	104	11.442	11.442	0.000	93	219706	20.0	20.3	
102 Bromoform	173	11.704	11.704	0.000	81	52773	20.0	20.0	
103 Amyl acetate (mixed isomers)	43	11.710	11.710	0.000	92	90266	20.0	19.7	
104 Isopropylbenzene	105	11.904	11.904	0.000	96	331362	20.0	20.1	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	89	184804	50.0	49.1	
106 Bromobenzene	156	12.307	12.307	0.000	95	95050	20.0	20.1	
107 1,1,2,2-Tetrachloroethane	83	12.349	12.349	0.000	92	75616	20.0	20.3	
108 1,2,3-Trichloropropane	110	12.407	12.407	0.000	59	28536	20.0	19.6	
110 N-Propylbenzene	91	12.412	12.412	0.000	98	420926	20.0	20.6	
109 trans-1,4-Dichloro-2-butene	53	12.433	12.433	0.000	55	23706	20.0	18.5	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	96	303740	20.0	20.3	
112 4-Ethyltoluene	105	12.554	12.554	0.000	97	351867	20.0	20.6	
114 1,3,5-Trimethylbenzene	105	12.632	12.632	0.000	92	305764	20.0	20.4	
113 4-Chlorotoluene	91	12.664	12.664	0.000	98	297686	20.0	20.8	M
115 Butyl Methacrylate	87	12.748	12.748	0.000	87	88055	20.0	20.4	
116 tert-Butylbenzene	119	12.973	12.973	0.000	90	256067	20.0	20.0	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	97	311103	20.0	20.3	
118 sec-Butylbenzene	105	13.204	13.204	0.000	98	347173	20.0	20.3	
119 1,3-Dichlorobenzene	146	13.340	13.340	0.000	94	167007	20.0	19.9	
122 4-Isopropyltoluene	119	13.351	13.351	0.000	96	310925	20.0	20.5	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	96	248371	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.435	13.435	0.000	93	169000	20.0	19.6	
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	99	317158	20.0	20.5	
124 Benzyl chloride	91	13.576	13.576	0.000	99	164712	20.0	20.3	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	90	262537	20.0	20.5	
127 p-Diethylbenzene	119	13.723	13.723	0.000	92	178347	20.0	20.2	
128 n-Butylbenzene	92	13.744	13.744	0.000	98	148576	20.0	20.9	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	94	152147	20.0	19.8	
130 1,2,4,5-Tetramethylbenzene	119	14.425	14.425	0.000	96	267601	20.0	20.3	
129 1,2-Dibromo-3-Chloropropane	157	14.499	14.499	0.000	89	18424	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	14.640	14.640	0.000	97	106531	20.0	19.8	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	93	84275	20.0	18.4	
133 Hexachlorobutadiene	225	15.249	15.249	0.000	78	46481	20.0	18.8	
134 Naphthalene	128	15.348	15.348	0.000	99	194119	20.0	18.0	
135 1,2,3-Trichlorobenzene	180	15.547	15.547	0.000	95	71286	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.4	
S 137 Xylenes, Total	100				0		40.0	39.1	
S 140 Total BTEX	1				0		100.0	98.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00203	Amount Added:	20.00	Units: uL	
GASES Li_00637	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:09:20 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D

Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15

Lims ID: STD20

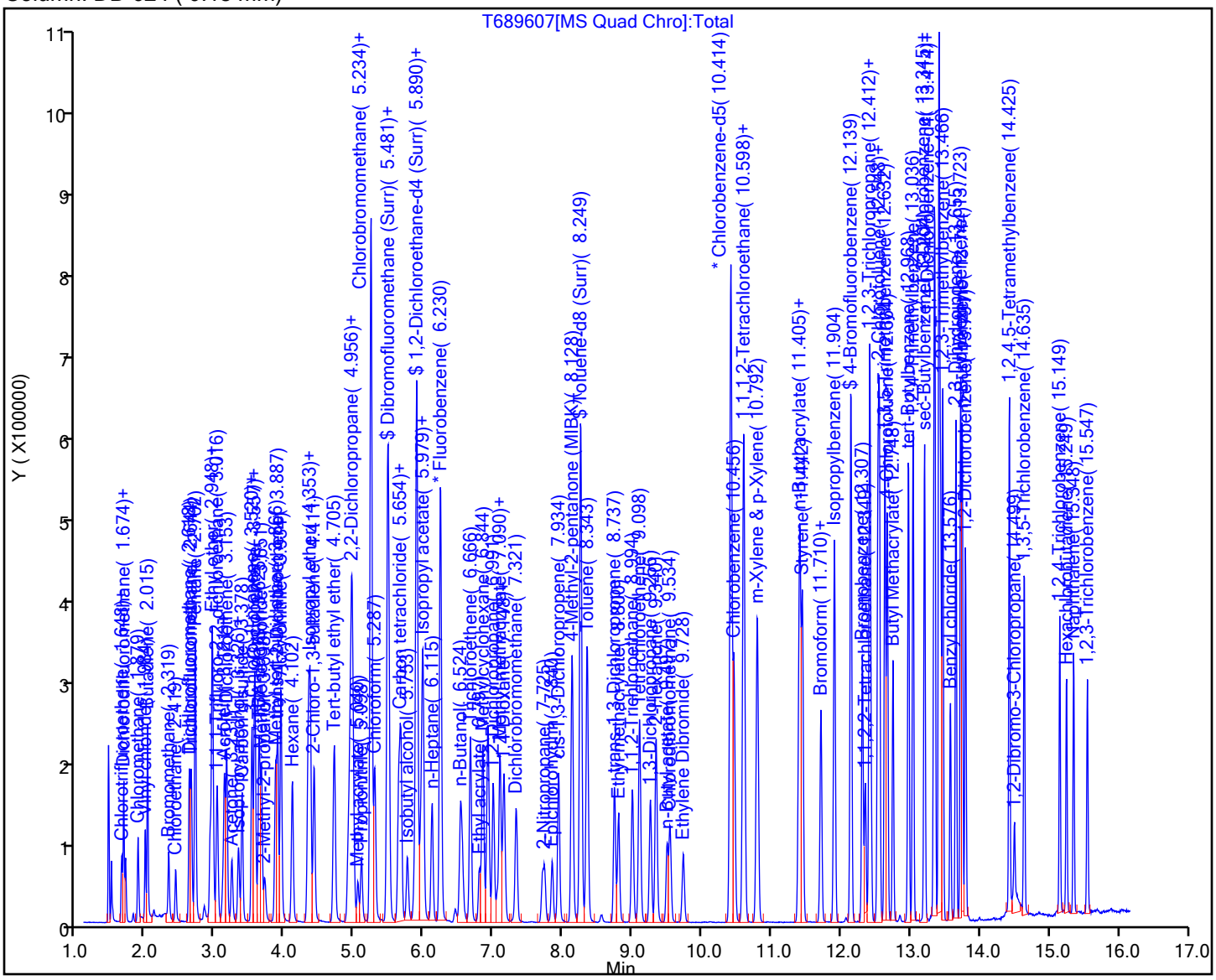
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

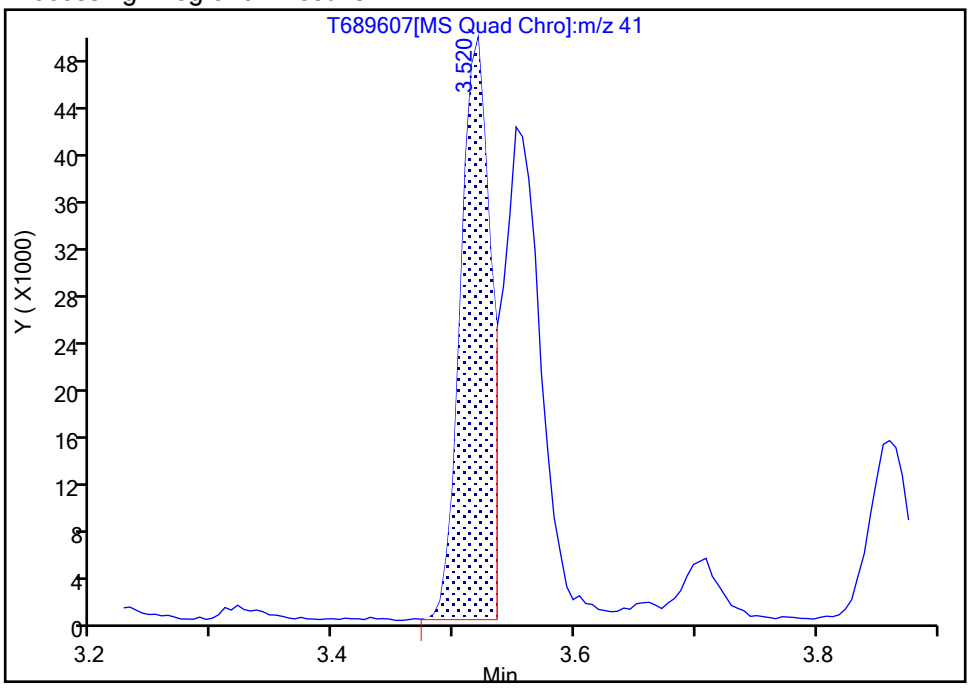
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

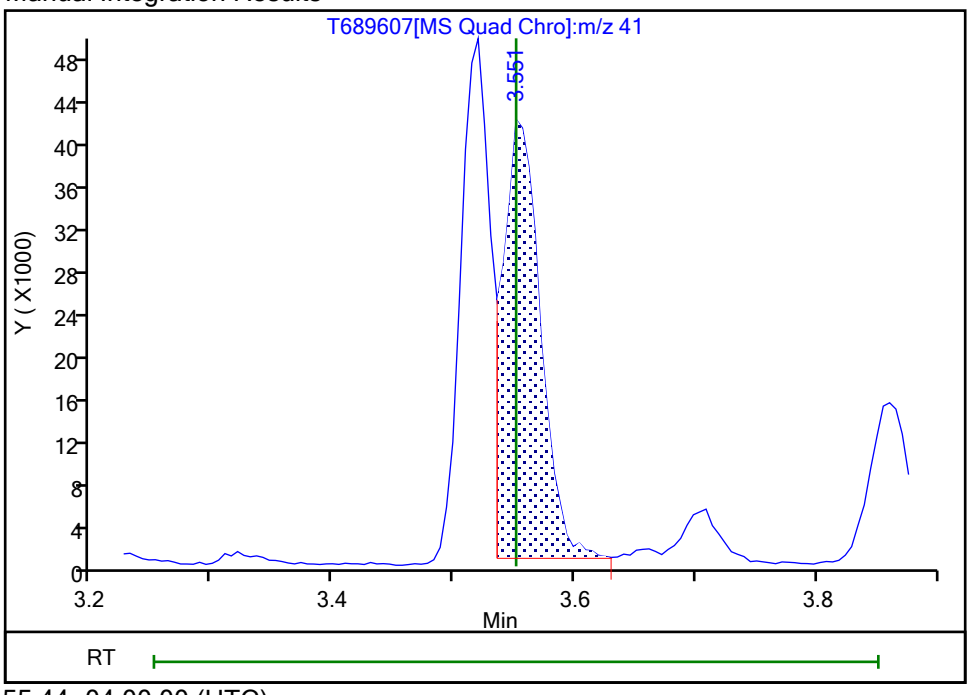
Processing Integration Results

RT: 3.52
Area: 87566
Amount: 234.9898
Amount Units: ug/l



Manual Integration Results

RT: 3.55
Area: 91299
Amount: 222.8438
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 05:55:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

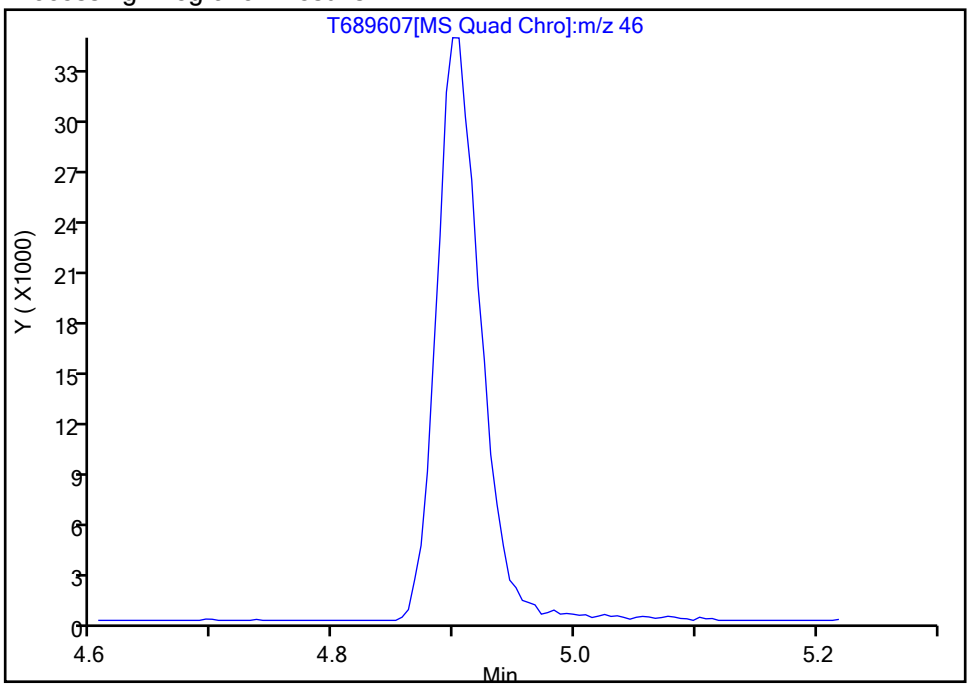
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

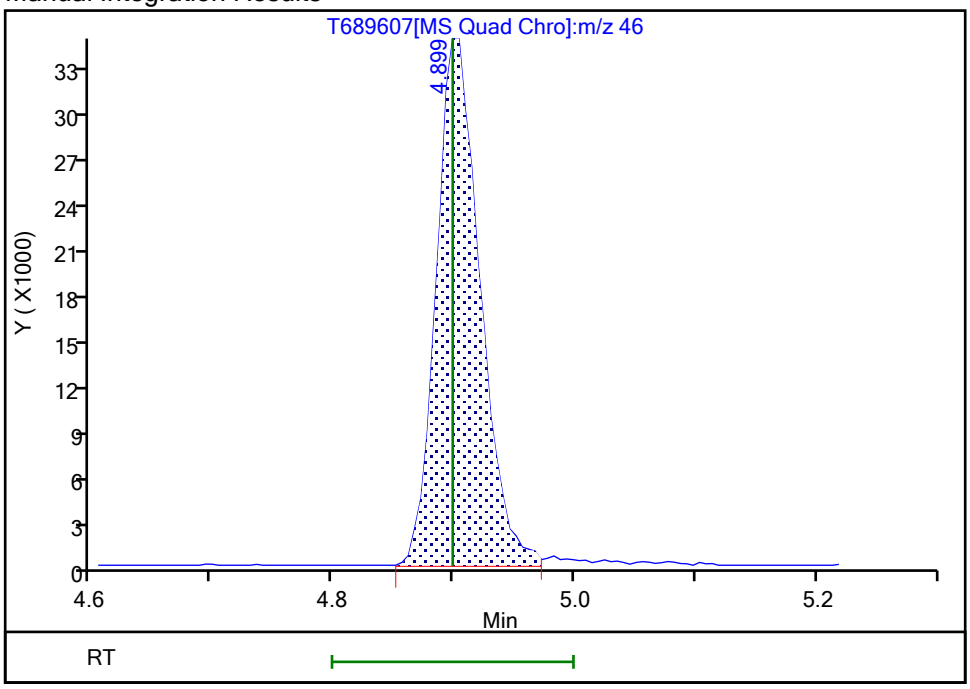
Not Detected
Expected RT: 4.90

Processing Integration Results



Manual Integration Results

RT: 4.90
Area: 87332
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 19-Apr-2025 12:26:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

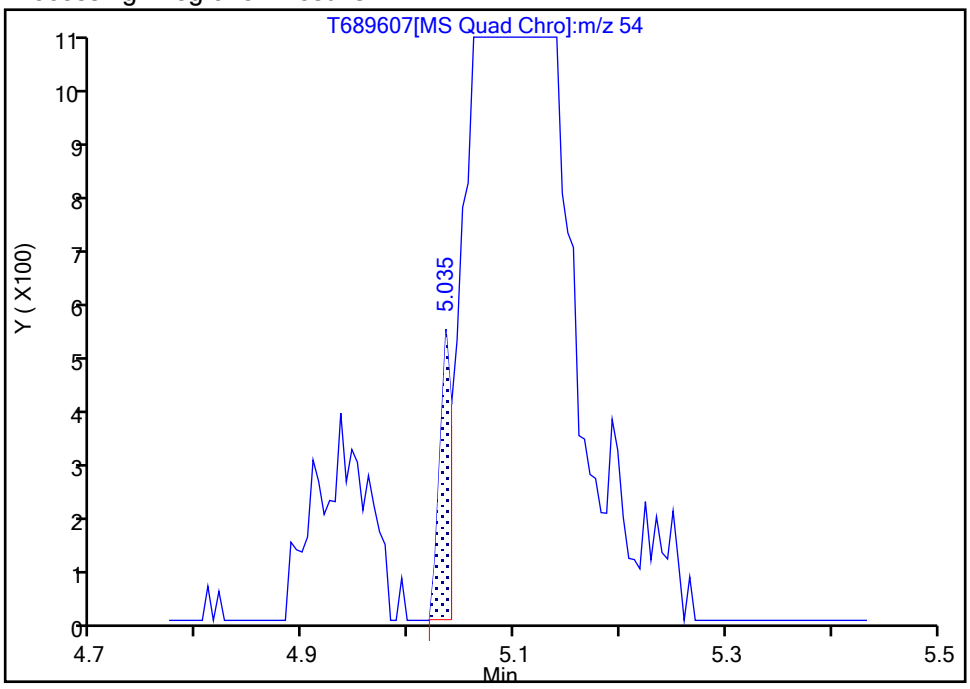
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

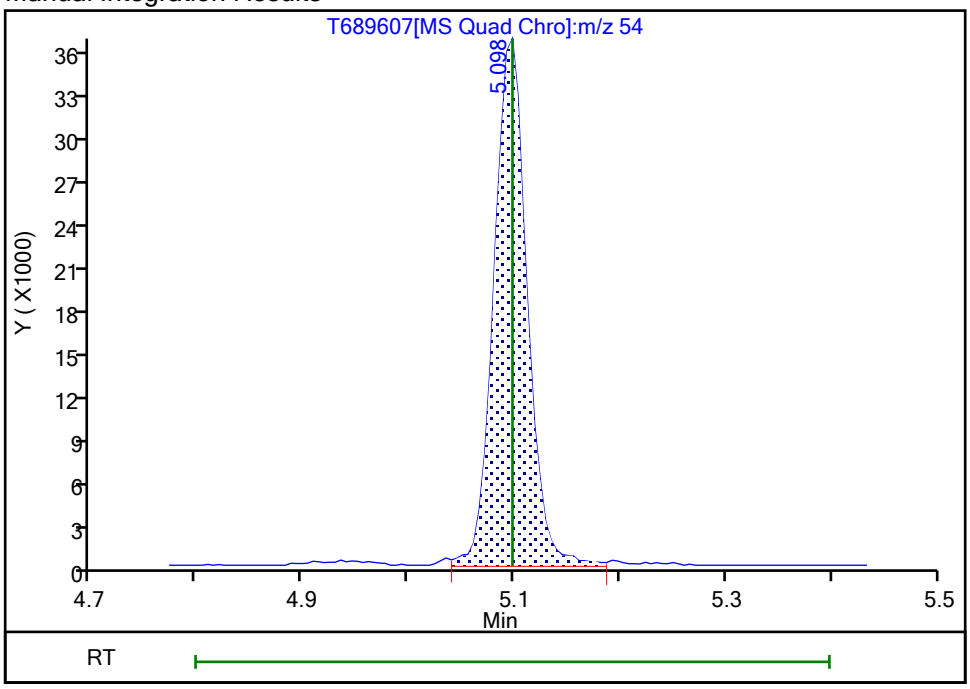
Processing Integration Results

RT: 5.04
Area: 406
Amount: 2.930920
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 79386
Amount: 198.2830
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 05:55:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

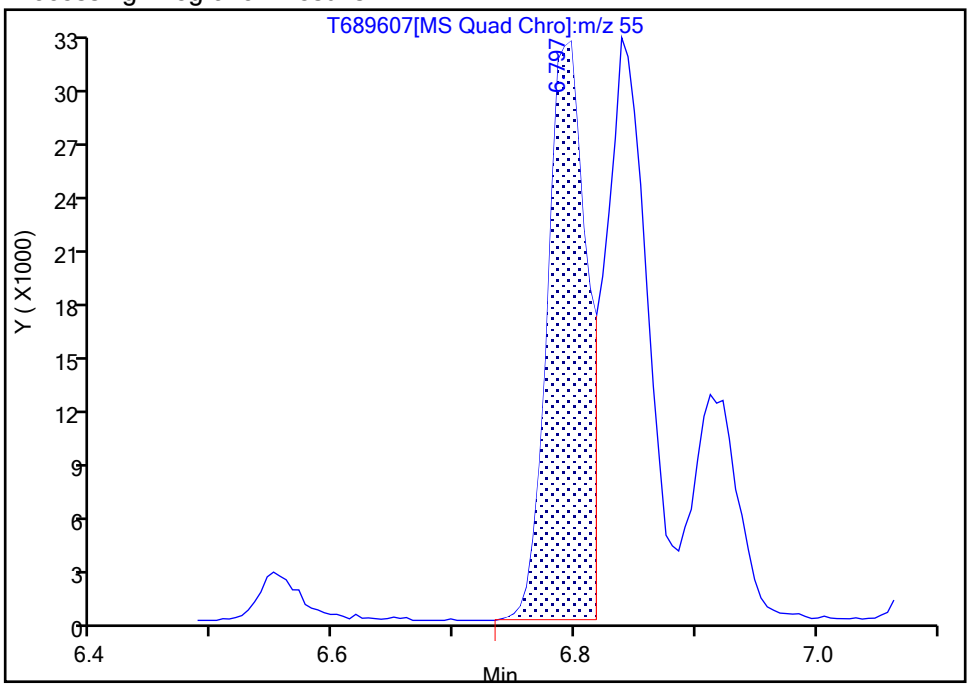
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

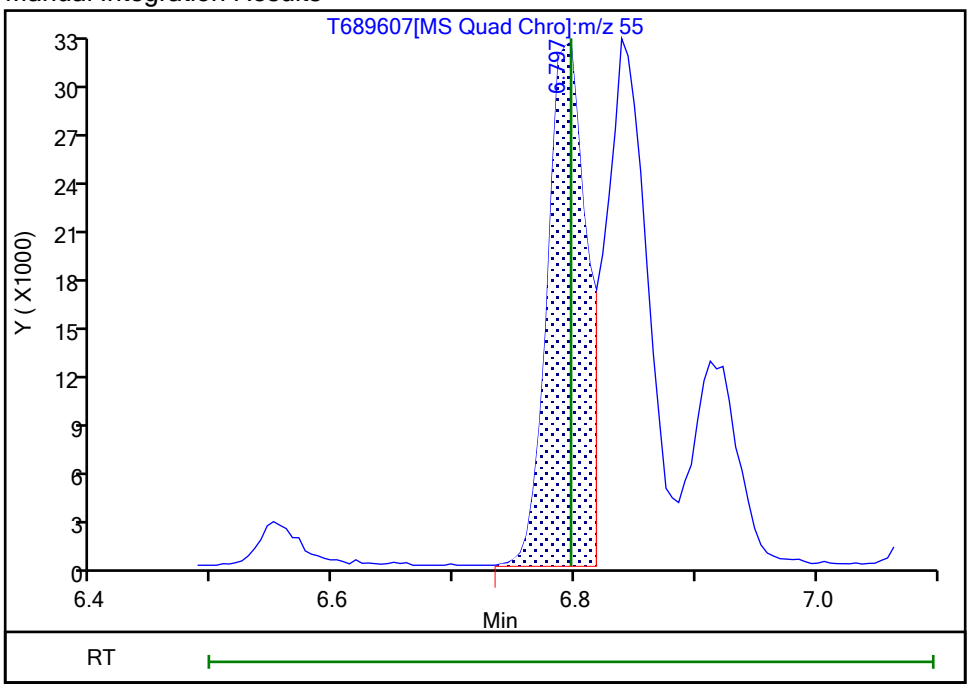
Processing Integration Results

RT: 6.80
Area: 74811
Amount: 18.798763
Amount Units: ug/l



Manual Integration Results

RT: 6.80
Area: 74811
Amount: 19.520623
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:15:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

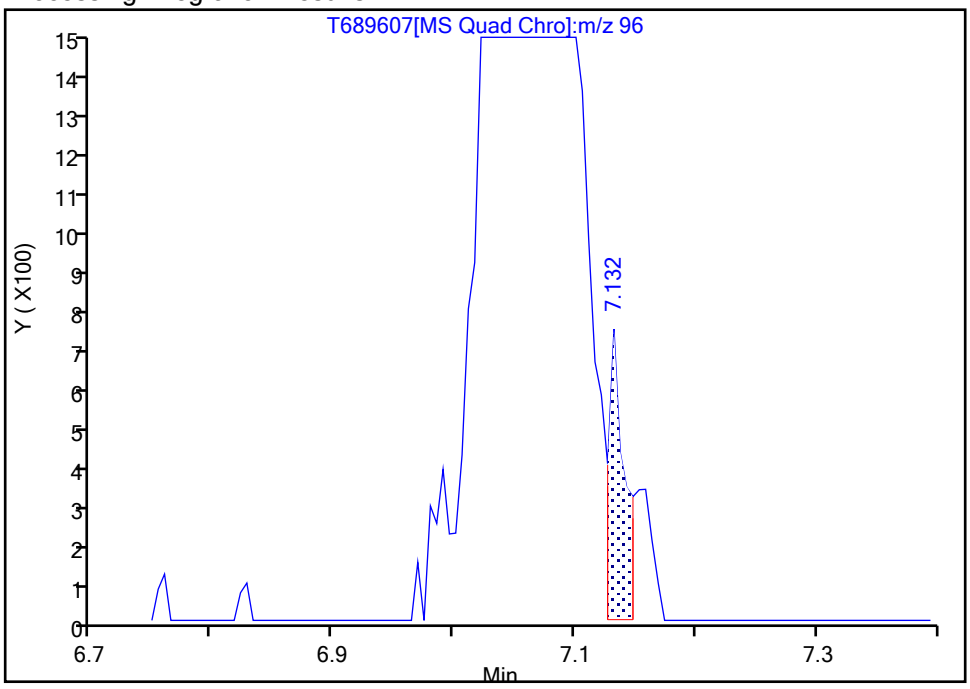
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

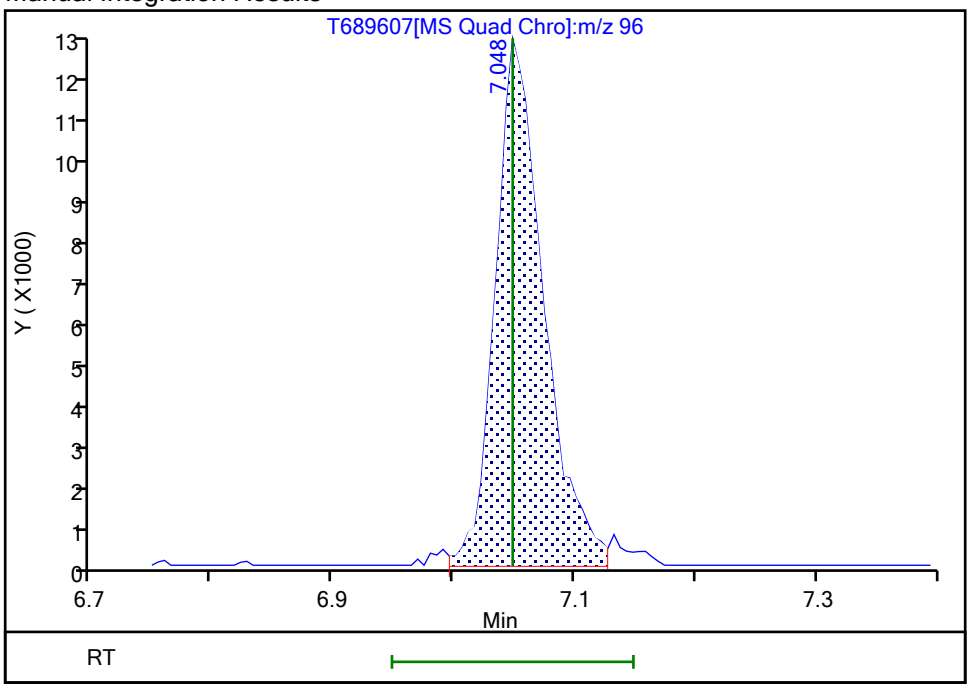
Processing Integration Results

RT: 7.13
Area: 676
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 7.05
Area: 34115
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 05:56:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

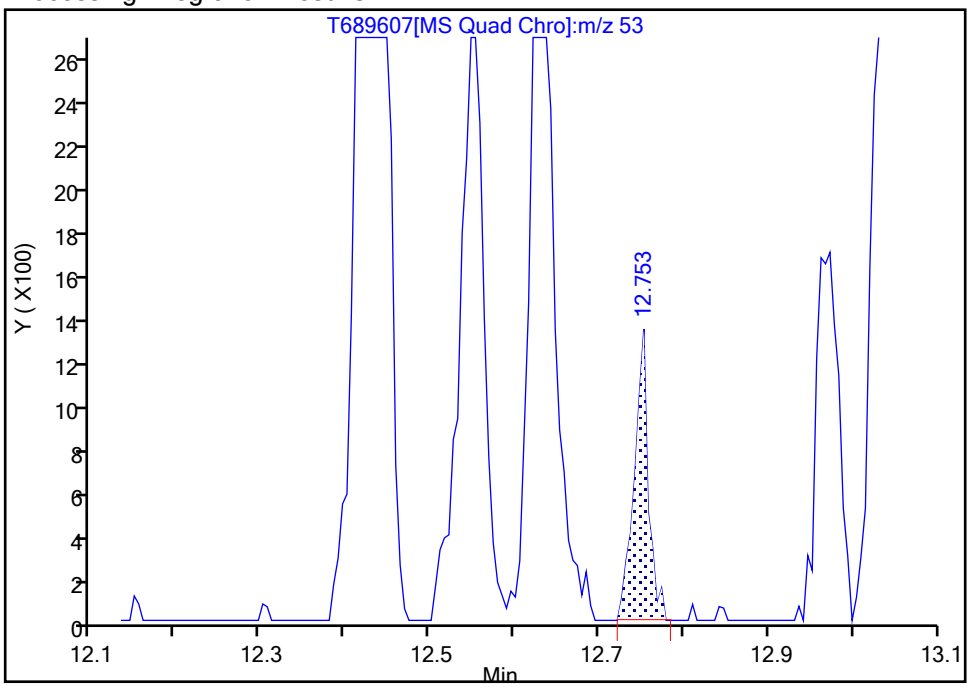
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

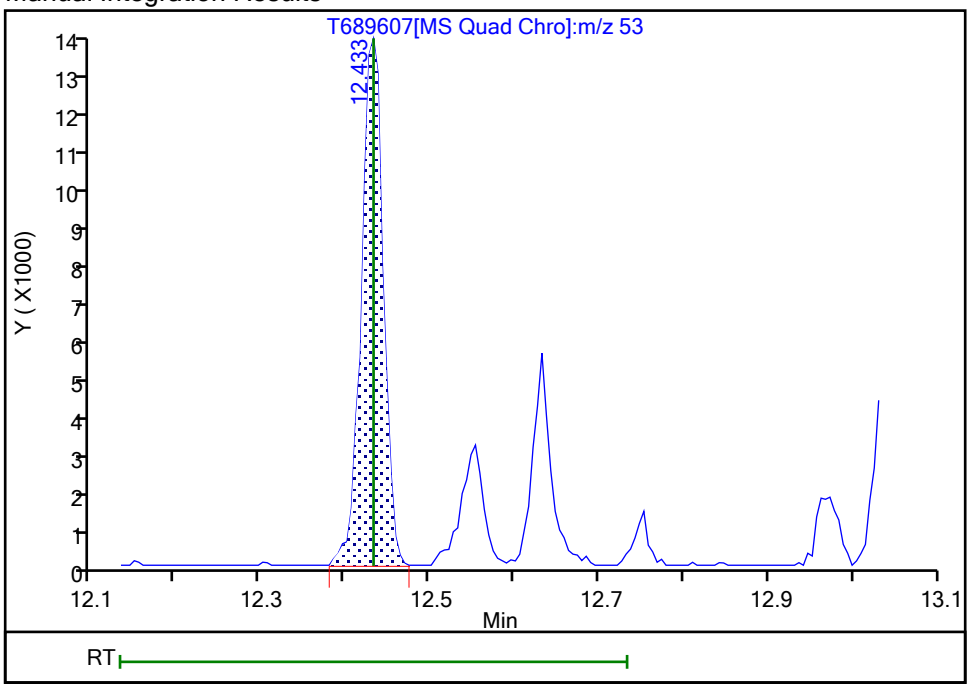
Processing Integration Results

RT: 12.75
Area: 1551
Amount: 6.497577
Amount Units: ug/l



Manual Integration Results

RT: 12.43
Area: 23706
Amount: 18.455431
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:00:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

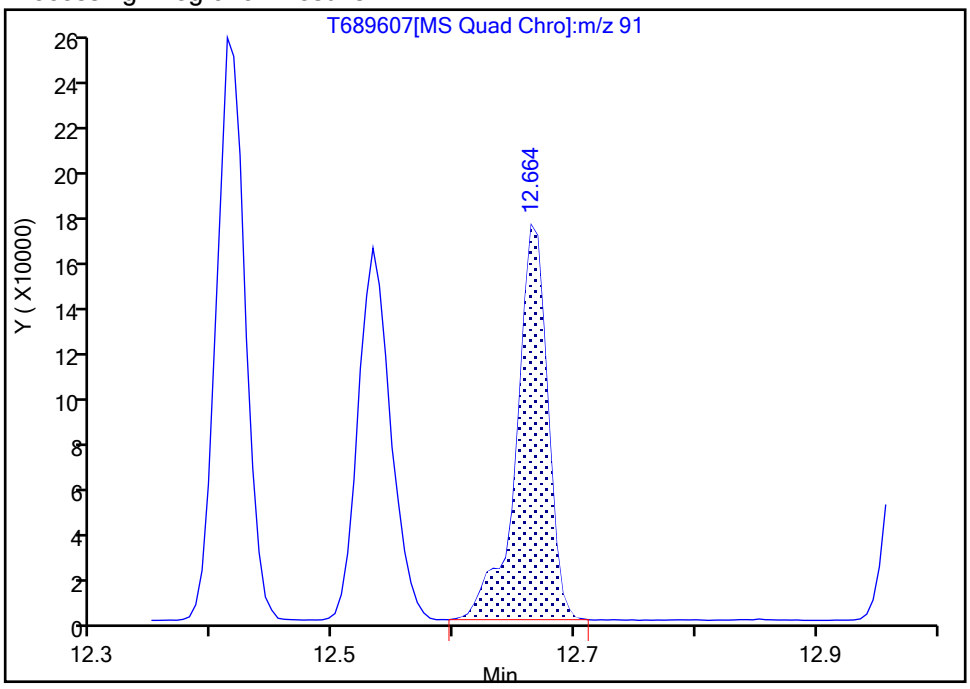
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

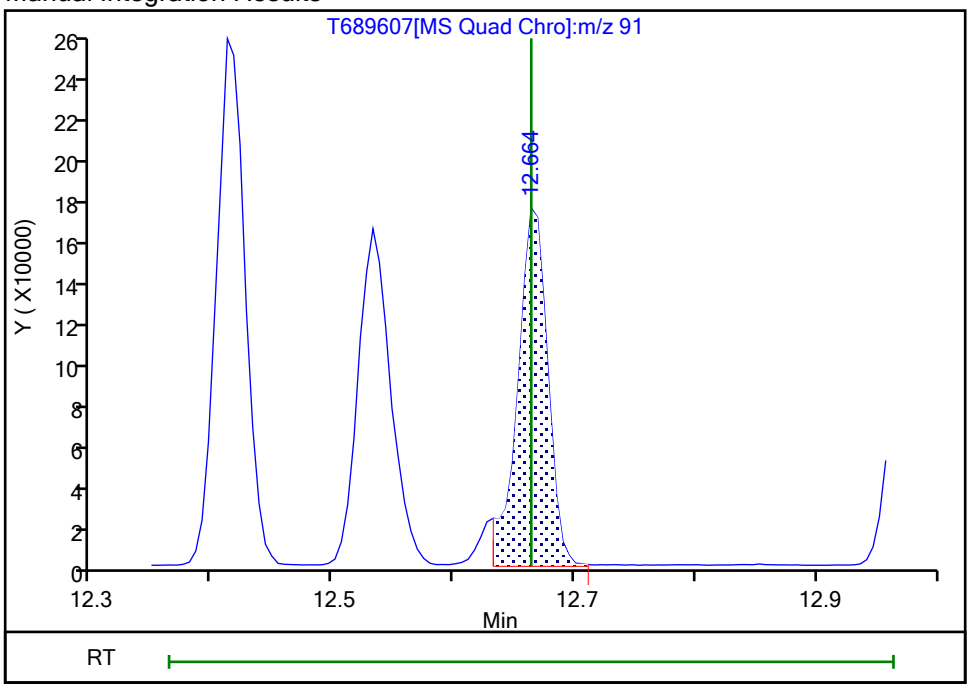
Processing Integration Results

RT: 12.66
Area: 312051
Amount: 20.415535
Amount Units: ug/l



Manual Integration Results

RT: 12.66
Area: 297686
Amount: 20.815991
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:16:46 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 19-Apr-2025 07:00:46 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0189481-009
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:09:29 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 08:52:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.512	1.512	0.000	87	4434	50.0	33.4	
3 Chlorotrifluoroethene	116	1.638	1.638	0.000	96	35328	50.0	45.3	
2 1,1-Difluoroethane	65	1.653	1.653	0.000	93	53410	50.0	44.9	
4 Dichlorodifluoromethane	85	1.674	1.674	0.000	99	236331	50.0	45.6	
5 Chlorodifluoromethane	67	1.701	1.700	0.001	97	33724	50.0	52.0	
6 Chloromethane	50	1.879	1.879	0.000	99	187158	50.0	44.7	
7 Vinyl chloride	62	1.984	1.984	0.000	98	173133	50.0	47.4	
8 Butadiene	54	2.015	2.015	0.000	95	159498	50.0	44.6	
9 Bromomethane	94	2.314	2.319	-0.005	98	107444	50.0	53.7	
10 Chloroethane	64	2.419	2.419	0.000	99	108921	50.0	48.5	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	99	351948	50.0	49.1	
12 Trichlorofluoromethane	101	2.644	2.644	0.000	99	342456	50.0	48.8	
13 Pentane	72	2.702	2.702	0.000	94	63474	100.0	100.4	
14 Ethanol	46	2.828	2.833	-0.005	98	22113	2000.0	2323.2	
15 Ethyl ether	59	2.917	2.917	0.000	93	129877	50.0	45.8	
17 2-Methyl-1,3-butadiene	53	2.943	2.943	0.000	87	149202	50.0	52.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.954	2.954	0.000	90	150067	50.0	48.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.017	3.016	0.001	96	211197	50.0	47.3	
19 Acrolein	56	3.095	3.095	0.000	96	43307	100.0	92.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.121	3.121	0.000	98	178393	50.0	51.4	
20 1,1-Dichloroethene	96	3.158	3.158	0.000	99	165753	50.0	49.8	
22 Acetone	43	3.232	3.231	0.001	86	204241	250.0	208.9	
25 Isopropyl alcohol	45	3.326	3.326	0.000	46	85481	500.0	502.5	
23 Iodomethane	142	3.326	3.326	0.000	97	203860	50.0	45.9	
24 Carbon disulfide	76	3.378	3.378	0.000	99	510991	50.0	49.2	
28 Methyl acetate	43	3.520	3.520	0.000	91	194604	100.0	94.8	
27 3-Chloro-1-propene	76	3.520	3.520	0.000	86	95420	50.0	52.1	
26 Acetonitrile	41	3.557	3.551	0.006	58	230405	500.0	488.4	a
29 Cyclopentene	67	3.562	3.562	0.000	91	466551	50.0	51.0	
* 31 TBA-d9 (IS)	66	3.620	3.619	0.001	99	46514	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.656	3.656	0.000	86	178304	50.0	50.2	
32 2-Methyl-2-propanol	59	3.703	3.703	0.000	98	155496	500.0	490.8	
35 Methyl tert-butyl ether	73	3.861	3.861	0.000	95	551984	50.0	52.6	
34 trans-1,2-Dichloroethene	96	3.887	3.892	-0.005	95	187379	50.0	50.4	
33 Acrylonitrile	53	3.934	3.934	0.000	93	503477	500.0	505.7	
36 Hexane	57	4.102	4.102	0.000	91	205270	50.0	51.2	
40 Isopropyl ether	45	4.327	4.327	0.000	93	475245	50.0	53.0	
37 1,1-Dichloroethane	63	4.348	4.348	0.000	81	328968	50.0	50.7	
38 Vinyl acetate	86	4.359	4.359	0.000	99	77138	100.0	101.2	
39 2-Chloro-1,3-butadiene	88	4.411	4.416	-0.005	92	166032	50.0	51.0	
41 Tert-butyl ethyl ether	59	4.705	4.705	0.000	90	546632	50.0	52.8	
* 42 2-Butanone-d5	46	4.899	4.899	0.000	72	107528	250.0	250.0	
44 2,2-Dichloropropane	97	4.946	4.946	0.000	87	69111	50.0	51.2	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	77	207988	50.0	50.7	
45 2-Butanone (MEK)	72	4.967	4.962	0.005	98	94182	250.0	241.1	
47 Ethyl acetate	70	4.977	4.983	-0.006	94	40093	100.0	100.1	
48 Methyl acrylate	55	5.046	5.040	0.006	99	130664	50.0	47.6	
46 Propionitrile	54	5.098	5.098	0.000	97	197513	500.0	493.4	a
49 Chlorobromomethane	128	5.224	5.224	0.000	52	94337	50.0	50.4	
51 Tetrahydrofuran	72	5.234	5.229	0.005	28	40115	100.0	97.4	
50 Methacrylonitrile	67	5.234	5.234	0.000	91	688463	500.0	537.0	
52 Chloroform	83	5.287	5.287	0.000	100	374282	50.0	49.9	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.470	0.000	65	151934	50.0	49.5	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	94	376021	50.0	51.0	
55 Cyclohexane	84	5.486	5.481	0.005	83	273372	50.0	51.4	
56 Carbon tetrachloride	117	5.633	5.633	0.000	99	325873	50.0	52.0	
57 1,1-Dichloropropene	75	5.664	5.659	0.005	97	286168	50.0	51.2	
59 Isobutyl alcohol	43	5.759	5.753	0.006	99	133450	1250.0	1260.6	
60 Benzene	78	5.895	5.890	0.005	97	726065	50.0	50.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.890	5.890	0.000	54	191908	50.0	48.8	
62 Isooctane	57	5.890	5.895	-0.005	62	395127	50.0	52.8	
63 Isopropyl acetate	61	5.947	5.947	0.000	97	85633	50.0	50.6	
61 1,2-Dichloroethane	62	5.979	5.979	0.000	78	299029	50.0	46.8	
64 Tert-amyl methyl ether	73	5.979	5.979	0.000	97	534351	50.0	53.7	
66 n-Heptane	43	6.110	6.115	-0.005	87	152981	50.0	47.7	
* 65 Fluorobenzene	96	6.236	6.236	0.000	99	531363	50.0	50.0	
68 n-Butanol	56	6.556	6.550	0.006	88	92359	1250.0	1222.9	
67 Trichloroethene	95	6.661	6.666	-0.006	99	213633	50.0	49.2	
69 Ethyl acrylate	55	6.797	6.797	0.000	99	199179	50.0	52.0	
70 Methylcyclohexane	83	6.844	6.844	0.000	94	283884	50.0	50.9	
71 1,2-Dichloropropane	63	6.996	6.996	0.000	87	170760	50.0	49.1	
* 73 1,4-Dioxane-d8	96	7.059	7.048	0.011	1	34561	1000.0	1000.0	a
75 Methyl methacrylate	100	7.090	7.090	0.000	85	87031	100.0	102.3	
74 1,4-Dioxane	88	7.127	7.122	0.005	58	41426	1000.0	1033.8	
72 Dibromomethane	93	7.143	7.143	0.000	93	124171	50.0	50.8	
76 n-Propyl acetate	43	7.153	7.153	0.000	96	192933	50.0	45.6	
77 Dichlorobromomethane	83	7.326	7.321	0.005	98	280268	50.0	50.1	
78 2-Nitropropane	41	7.704	7.699	0.005	95	96150	100.0	96.6	
80 Epichlorohydrin	57	7.840	7.840	0.000	99	210658	1000.0	1054.4	
81 cis-1,3-Dichloropropene	75	7.935	7.934	0.001	92	333151	50.0	53.5	
82 4-Methyl-2-pentanone (MIBK)	43	8.129	8.128	0.001	94	634719	250.0	251.2	
$ 83 Toluene-d8 (Surr)	98	8.249	8.254	-0.005	98	525245	50.0	50.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.344	8.343	0.001	93	814335	50.0	50.7	
85 trans-1,3-Dichloropropene	75	8.742	8.737	0.005	95	310736	50.0	54.4	
86 Ethyl methacrylate	69	8.800	8.800	0.000	86	223186	50.0	52.0	
87 1,1,2-Trichloroethane	83	8.999	8.999	0.000	92	135070	50.0	51.2	
88 Tetrachloroethene	166	9.104	9.098	0.006	97	236740	50.0	48.1	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	92	293289	50.0	51.6	
90 2-Hexanone	43	9.340	9.340	0.000	94	438594	250.0	244.3	
93 n-Butyl acetate	43	9.497	9.497	0.000	98	202874	50.0	50.8	
91 Chlorodibromomethane	129	9.539	9.539	0.000	97	214453	50.0	55.9	
92 Ethylene Dibromide	107	9.728	9.733	-0.005	97	176826	50.0	51.6	
* 94 Chlorobenzene-d5	117	10.415	10.414	0.001	86	426729	50.0	50.0	
95 Chlorobenzene	112	10.462	10.456	0.006	93	539642	50.0	50.8	
97 Ethylbenzene	106	10.598	10.598	0.000	98	299700	50.0	51.0	
96 1,1,1,2-Tetrachloroethane	131	10.603	10.603	0.000	44	220520	50.0	53.7	
98 m-Xylene & p-Xylene	106	10.797	10.792	0.005	92	360771	50.0	50.9	
101 n-Butyl acrylate	73	11.390	11.390	0.000	97	125744	50.0	52.0	
99 o-Xylene	106	11.411	11.411	0.000	93	354000	50.0	51.7	
100 Styrene	104	11.442	11.442	0.000	93	573177	50.0	53.1	
102 Bromoform	173	11.704	11.704	0.000	79	142557	50.0	54.1	
103 Amyl acetate (mixed isomers)	43	11.715	11.710	0.005	91	235621	50.0	51.0	
104 Isopropylbenzene	105	11.904	11.904	0.000	96	842348	50.0	51.1	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	91	184940	50.0	49.2	
106 Bromobenzene	156	12.307	12.307	0.000	97	242540	50.0	50.9	
107 1,1,2,2-Tetrachloroethane	83	12.349	12.349	0.000	96	194814	50.0	51.8	
108 1,2,3-Trichloropropane	110	12.407	12.407	0.000	58	73653	50.0	50.2	
110 N-Propylbenzene	91	12.417	12.412	0.005	99	1089042	50.0	53.0	
109 trans-1,4-Dichloro-2-butene	53	12.433	12.433	0.000	57	64249	50.0	49.7	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	96	787593	50.0	52.2	
112 4-Ethyltoluene	105	12.554	12.554	0.000	97	905466	50.0	52.6	
114 1,3,5-Trimethylbenzene	105	12.632	12.632	0.000	91	783884	50.0	51.9	a
113 4-Chlorotoluene	91	12.664	12.664	0.000	98	741873	50.0	51.5	M
115 Butyl Methacrylate	87	12.748	12.748	0.000	87	229919	50.0	53.0	
116 tert-Butylbenzene	119	12.973	12.973	0.000	91	652557	50.0	50.6	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	98	797066	50.0	51.7	
118 sec-Butylbenzene	105	13.204	13.204	0.000	98	897651	50.0	52.2	
119 1,3-Dichlorobenzene	146	13.340	13.340	0.000	94	433623	50.0	51.4	
122 4-Isopropyltoluene	119	13.351	13.351	0.000	94	799349	50.0	52.3	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	96	250108	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.435	13.435	0.000	93	430487	50.0	49.6	
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	99	807319	50.0	51.8	
124 Benzyl chloride	91	13.576	13.576	0.000	99	434413	50.0	53.2	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	93	661826	50.0	51.3	
127 p-Diethylbenzene	119	13.723	13.723	0.000	91	451783	50.0	50.8	
128 n-Butylbenzene	92	13.744	13.744	0.000	98	378407	50.0	52.7	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	94	385734	50.0	49.7	
130 1,2,4,5-Tetramethylbenzene	119	14.426	14.425	0.001	96	691256	50.0	52.0	
129 1,2-Dibromo-3-Chloropropane	157	14.499	14.499	0.000	97	46816	50.0	53.1	
131 1,3,5-Trichlorobenzene	180	14.641	14.640	0.001	97	276934	50.0	51.2	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	94	223864	50.0	48.6	
133 Hexachlorobutadiene	225	15.249	15.249	0.000	80	121198	50.0	48.7	
134 Naphthalene	128	15.348	15.348	0.000	98	512494	50.0	47.2	
135 1,2,3-Trichlorobenzene	180	15.548	15.547	0.001	95	183448	50.0	47.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		100.0	101.1	
S 137 Xylenes, Total	100				0		100.0	102.5	
S 140 Total BTEX	1				0		250.0	255.0	
S 139 1,3-Dichloropropene, Total	1				0		100.0	107.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00203	Amount Added:	50.00	Units: uL	
GASES Li_00637	Amount Added:	50.00	Units: uL	
524FREONS_00033	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:09:30 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D

Injection Date: 19-Apr-2025 07:00:46 Instrument ID: CVOAMS15

Lims ID: STD50

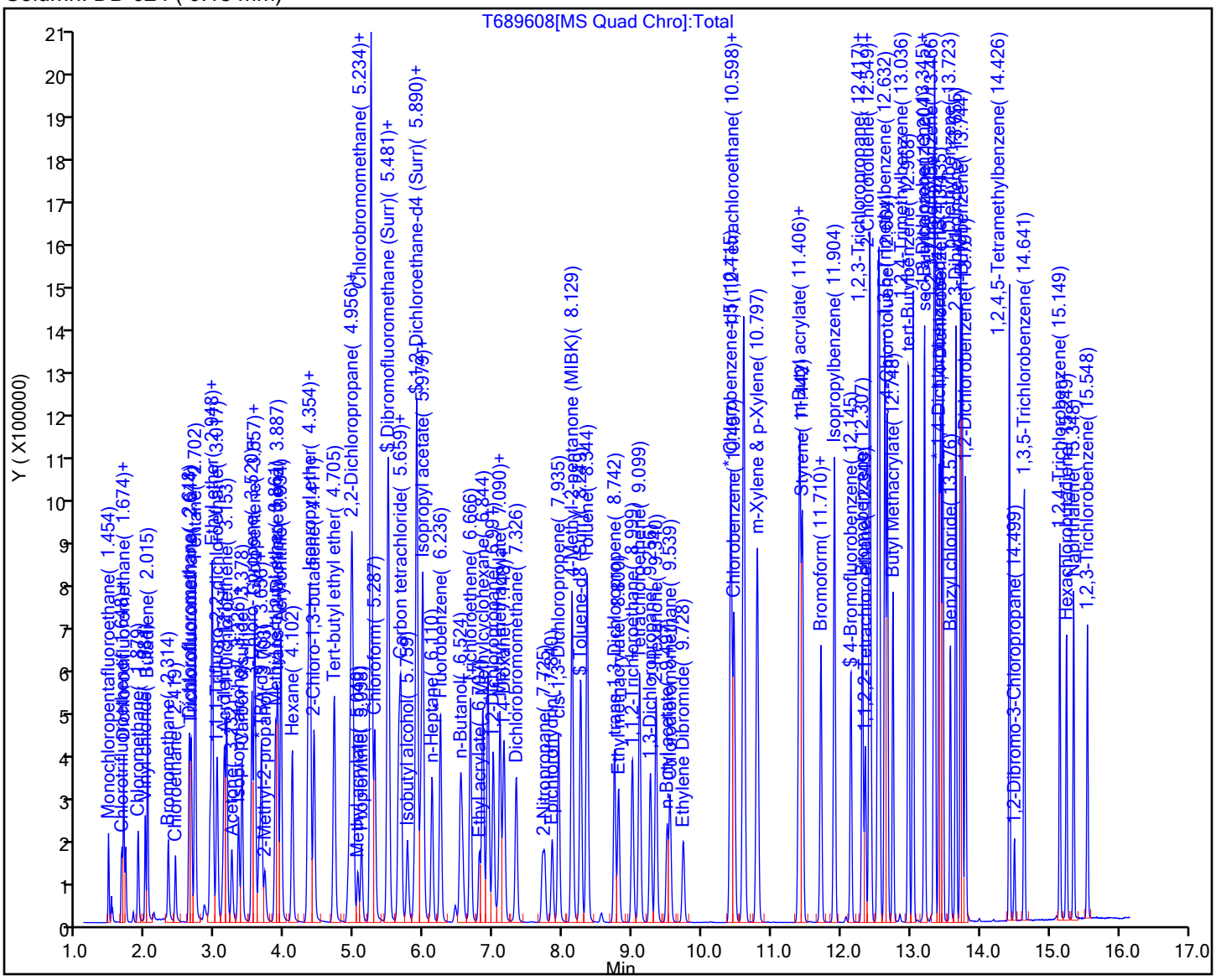
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

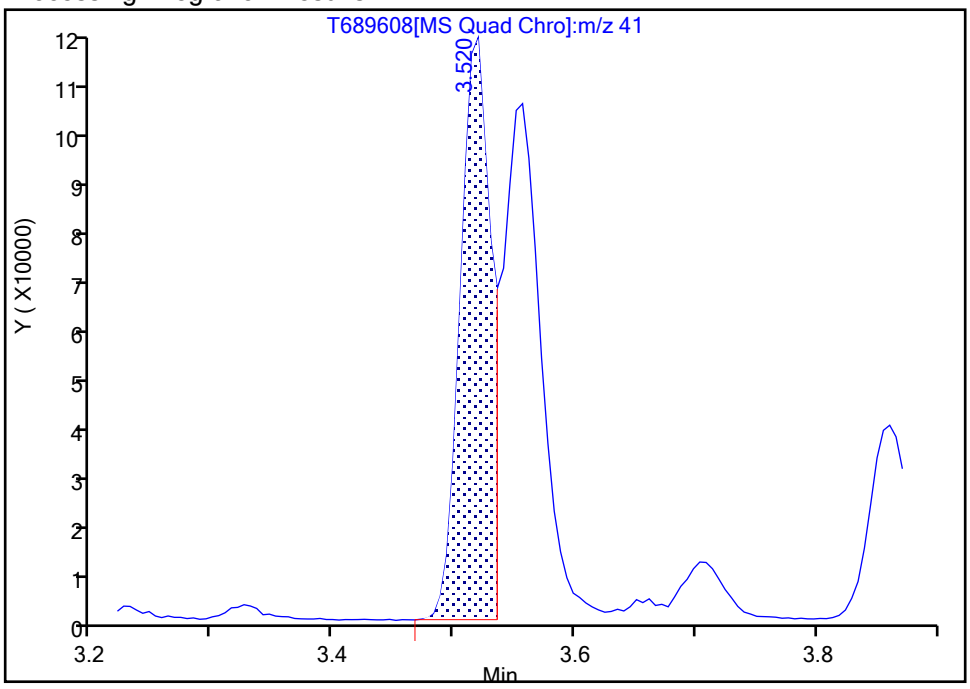
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D
Injection Date: 19-Apr-2025 07:00:46 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

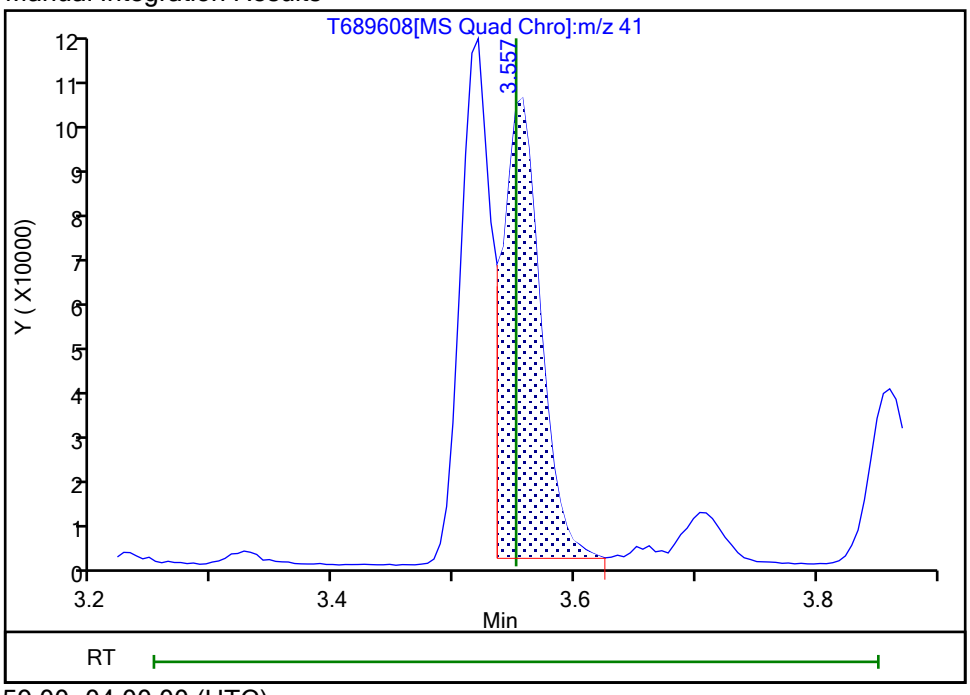
Processing Integration Results

RT: 3.52
Area: 214516
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 3.56
Area: 230405
Amount: 488.4057
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 05:59:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

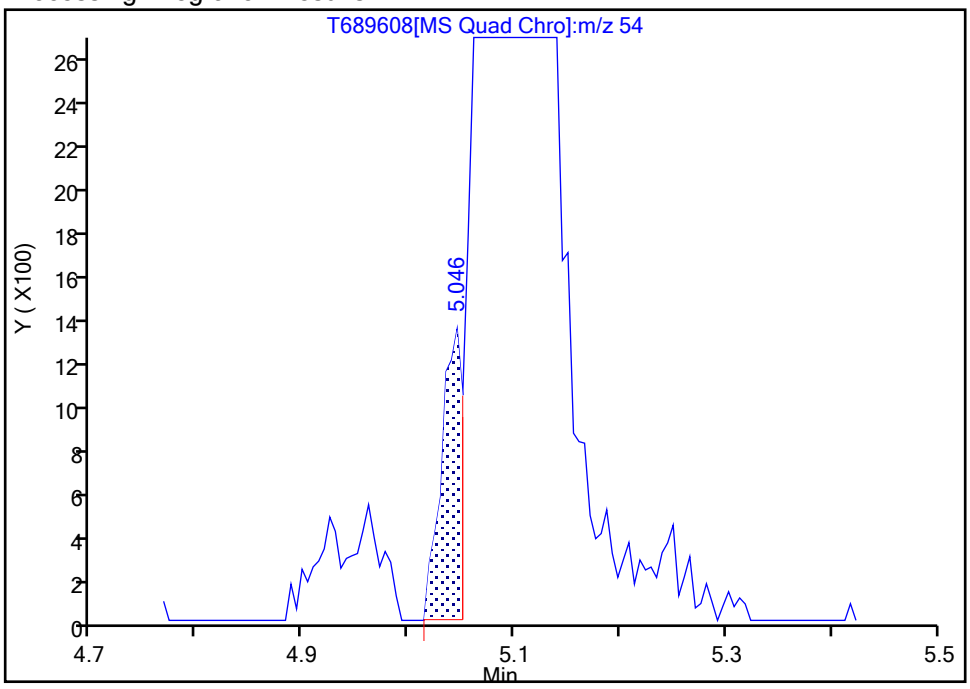
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D
Injection Date: 19-Apr-2025 07:00:46 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

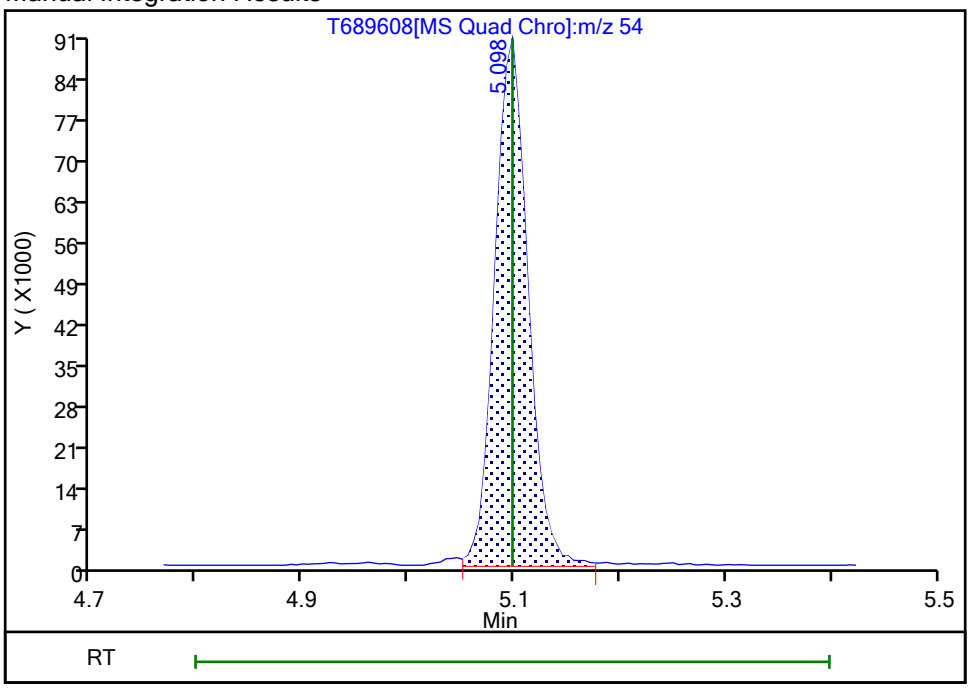
Processing Integration Results

RT: 5.05
Area: 1836
Amount: 9.419155
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 197513
Amount: 493.3686
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 05:59:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

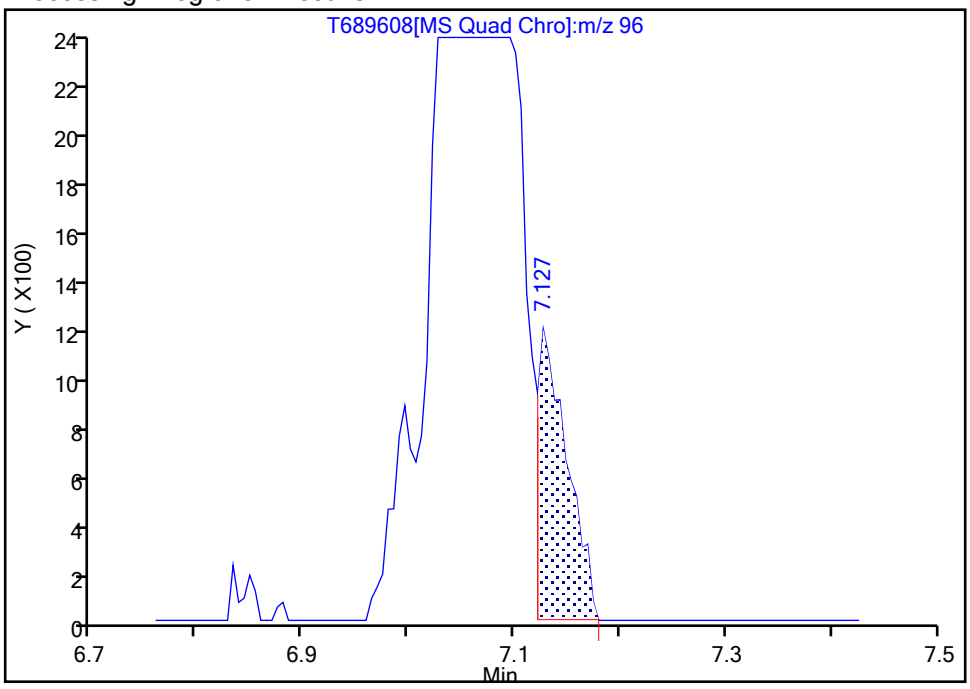
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D
Injection Date: 19-Apr-2025 07:00:46 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

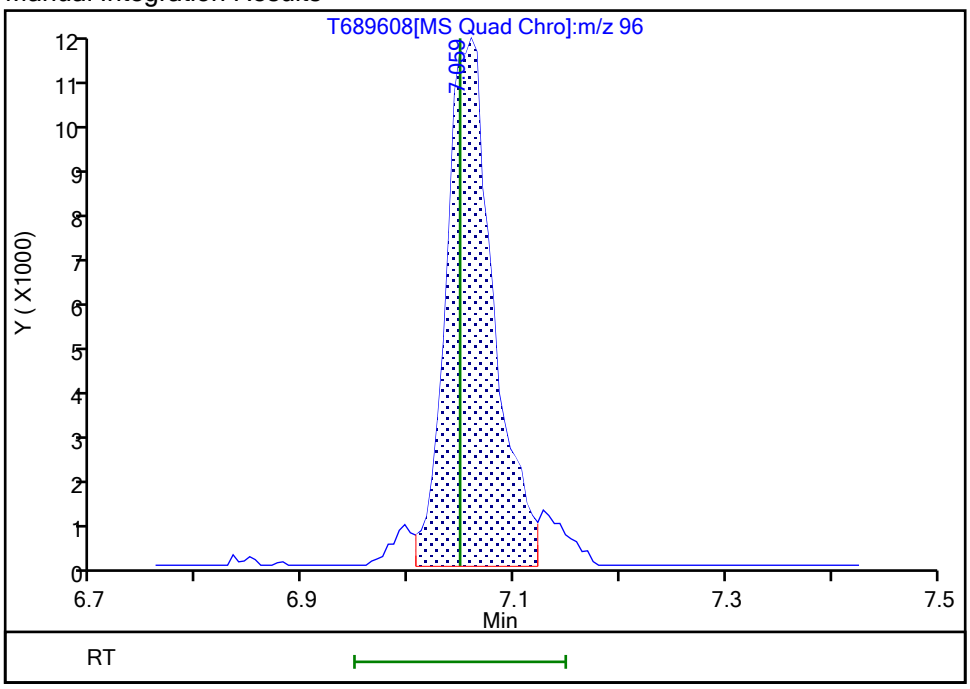
Processing Integration Results

RT: 7.13
Area: 2275
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 7.06
Area: 34561
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 05:59:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

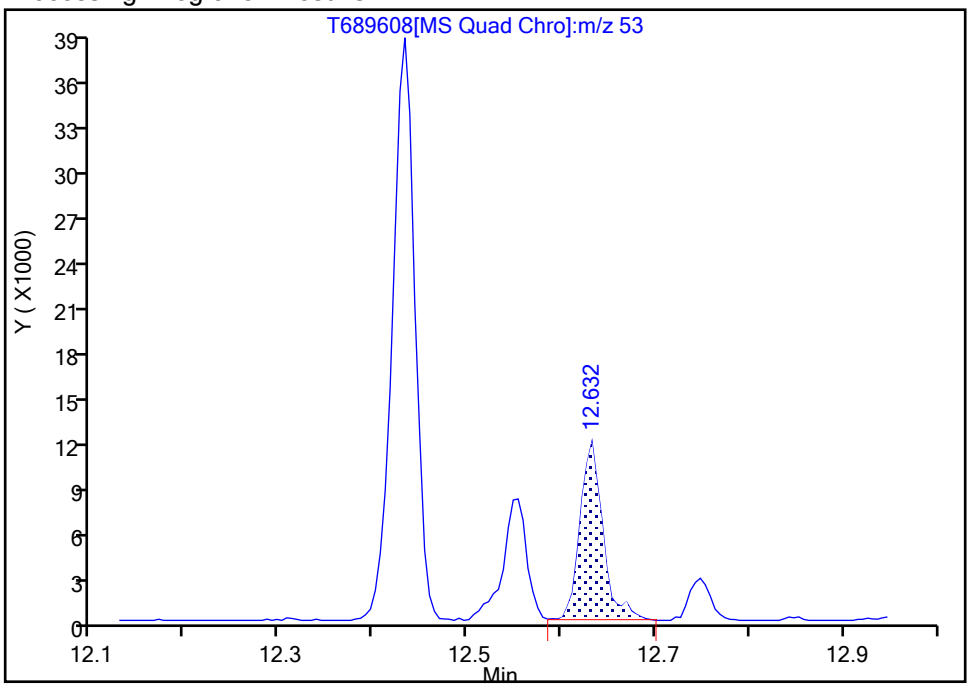
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D
Injection Date: 19-Apr-2025 07:00:46 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

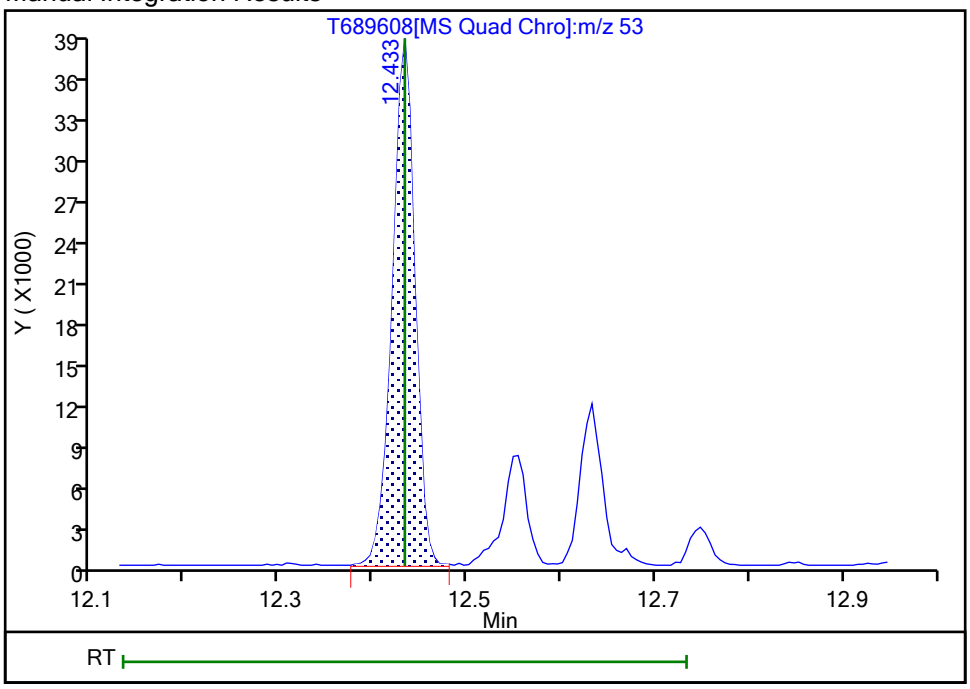
Processing Integration Results

RT: 12.63
Area: 20009
Amount: 46.937535
Amount Units: ug/l



Manual Integration Results

RT: 12.43
Area: 64249
Amount: 49.671308
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:00:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

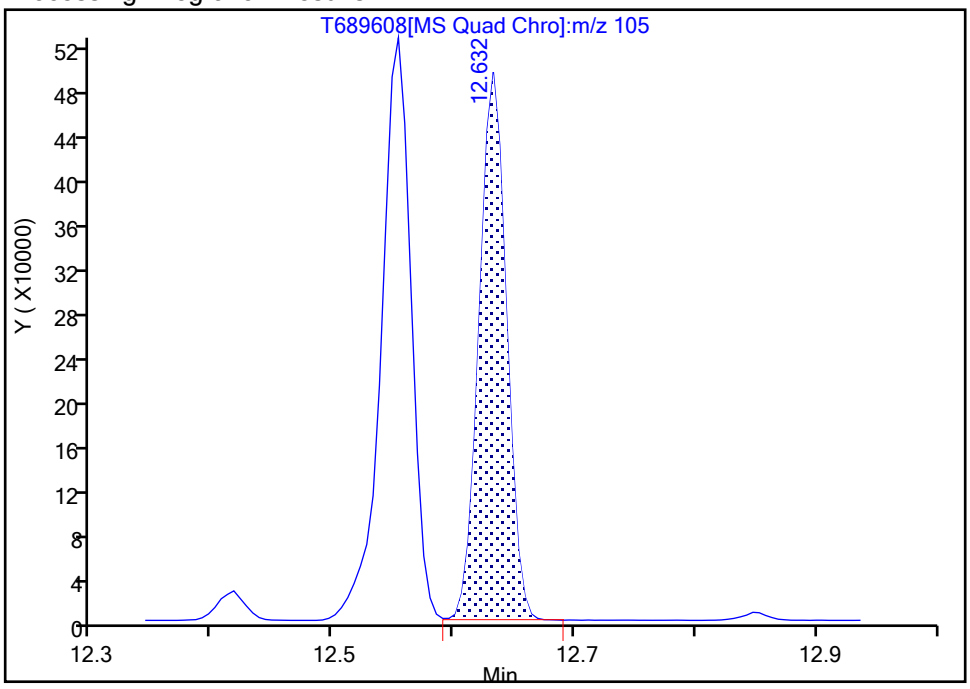
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D
Injection Date: 19-Apr-2025 07:00:46 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

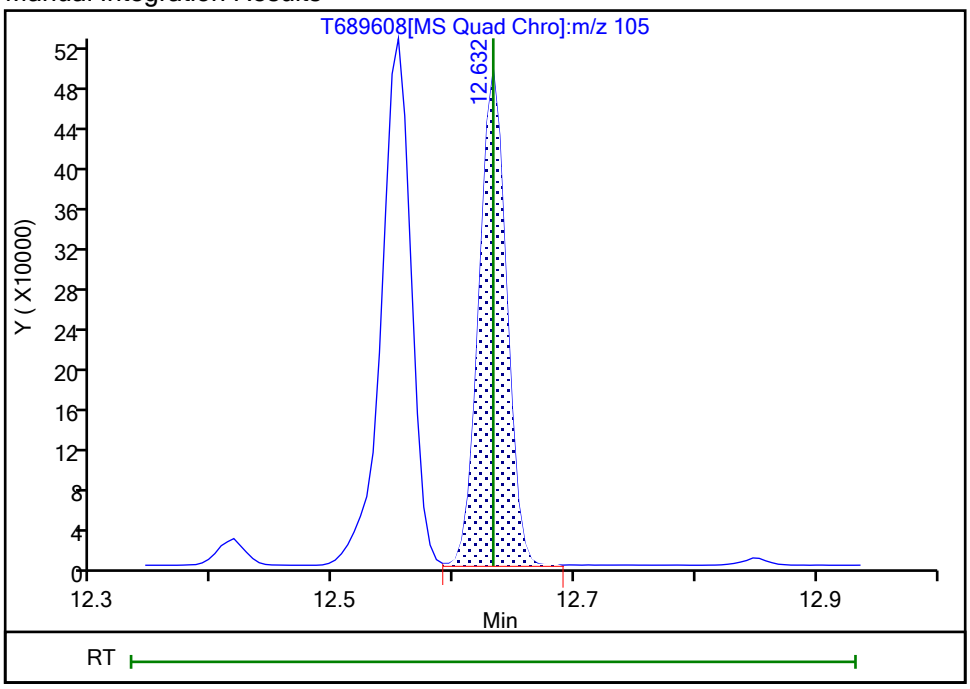
Processing Integration Results

RT: 12.63
Area: 783884
Amount: 50.984189
Amount Units: ug/l



Manual Integration Results

RT: 12.63
Area: 783884
Amount: 51.853920
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 05:59:46 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

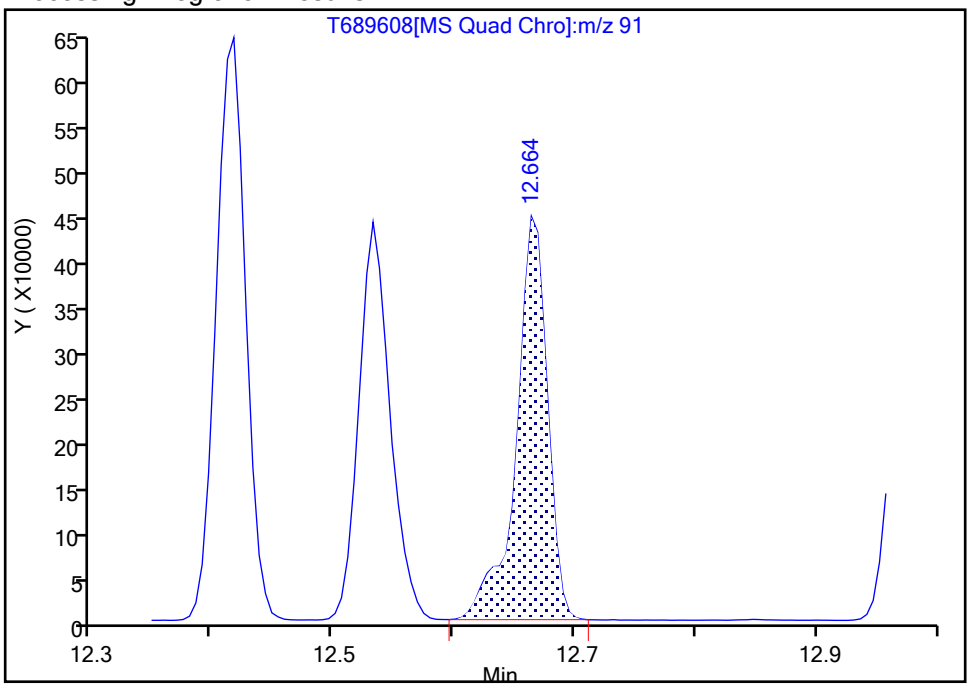
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D
Injection Date: 19-Apr-2025 07:00:46 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

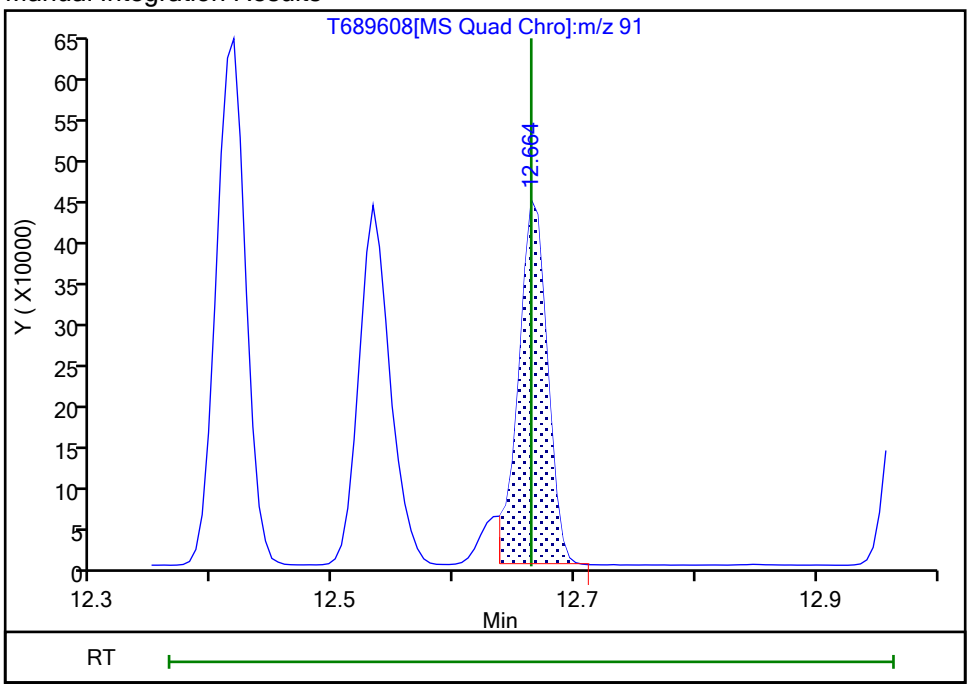
Processing Integration Results

RT: 12.66
Area: 798029
Amount: 52.724629
Amount Units: ug/l



Manual Integration Results

RT: 12.66
Area: 741873
Amount: 51.515929
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:20:16 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689609.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 19-Apr-2025 07:23:45 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0189481-010
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:09:39 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 08:56:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.517	1.512	0.005	88	36347	200.0	269.0	
3 Chlorotrifluoroethene	116	1.638	1.638	0.000	96	202666	200.0	255.2	
2 1,1-Difluoroethane	65	1.654	1.653	0.001	92	260622	200.0	201.9	
4 Dichlorodifluoromethane	85	1.675	1.674	0.001	99	1219947	200.0	231.3	
5 Chlorodifluoromethane	67	1.701	1.700	0.001	96	152022	200.0	210.4	
6 Chloromethane	50	1.879	1.879	0.000	99	864414	200.0	202.6	
7 Vinyl chloride	62	1.984	1.984	0.000	99	733423	200.0	197.5	
8 Butadiene	54	2.015	2.015	0.000	95	689210	200.0	189.4	
9 Bromomethane	94	2.319	2.319	0.000	98	483882	200.0	197.3	
10 Chloroethane	64	2.419	2.419	0.000	99	454451	200.0	198.9	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	99	1470528	200.0	201.6	
12 Trichlorofluoromethane	101	2.644	2.644	0.000	99	1488737	200.0	208.5	
13 Pentane	72	2.702	2.702	0.000	93	266110	400.0	413.5	
14 Ethanol	46	2.833	2.833	0.000	98	83355	8000.0	7855.3	
15 Ethyl ether	59	2.917	2.917	0.000	93	539375	200.0	187.0	
17 2-Methyl-1,3-butadiene	53	2.943	2.943	0.000	89	594732	200.0	204.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.959	2.954	0.005	95	625410	200.0	197.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.022	3.016	0.006	95	883871	200.0	194.6	
19 Acrolein	56	3.095	3.095	0.000	97	93917	200.0	197.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.122	3.121	0.001	96	737316	200.0	208.5	
20 1,1-Dichloroethene	96	3.158	3.158	0.000	98	673298	200.0	198.8	
22 Acetone	43	3.232	3.231	0.001	86	956790	1000.0	1020.0	
25 Isopropyl alcohol	45	3.321	3.326	-0.005	50	367565	2000.0	1938.3	
23 Iodomethane	142	3.326	3.326	0.000	97	872270	200.0	202.7	
24 Carbon disulfide	76	3.379	3.378	0.001	99	2117365	200.0	200.3	
28 Methyl acetate	43	3.525	3.520	0.005	96	808861	400.0	387.0	
27 3-Chloro-1-propene	76	3.520	3.520	0.000	87	338276	200.0	181.4	
26 Acetonitrile	41	3.557	3.551	0.006	59	928609	2000.0	2004.9	
29 Cyclopentene	67	3.562	3.562	0.000	91	1829678	200.0	196.6	
* 31 TBA-d9 (IS)	66	3.630	3.619	0.011	97	51855	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.656	3.656	0.000	85	736904	200.0	204.0	
32 2-Methyl-2-propanol	59	3.709	3.703	0.006	99	682889	2000.0	1933.4	
35 Methyl tert-butyl ether	73	3.861	3.861	0.000	95	2321701	200.0	217.4	
34 trans-1,2-Dichloroethene	96	3.892	3.892	0.000	95	760317	200.0	200.8	
33 Acrylonitrile	53	3.940	3.934	0.006	92	2172172	2000.0	2143.3	
36 Hexane	57	4.102	4.102	0.000	91	891527	200.0	218.4	
40 Isopropyl ether	45	4.328	4.327	0.001	92	1915337	200.0	209.8	
37 1,1-Dichloroethane	63	4.354	4.348	0.006	72	1343921	200.0	203.3	
38 Vinyl acetate	86	4.364	4.359	0.005	99	328017	400.0	264.8	
39 2-Chloro-1,3-butadiene	88	4.417	4.416	0.001	92	642162	200.0	193.6	
41 Tert-butyl ethyl ether	59	4.705	4.705	0.000	90	2235401	200.0	212.1	
* 42 2-Butanone-d5	46	4.904	4.899	0.005	88	174725	250.0	250.0	
44 2,2-Dichloropropane	97	4.946	4.946	0.000	90	291416	200.0	212.1	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	75	855121	200.0	204.9	
45 2-Butanone (MEK)	72	4.962	4.962	0.000	100	421524	1000.0	1075.3	
47 Ethyl acetate	70	4.983	4.983	0.000	95	168069	400.0	258.4	
48 Methyl acrylate	55	5.046	5.040	0.006	99	541839	200.0	194.1	
46 Propionitrile	54	5.098	5.098	0.000	97	839748	2000.0	2060.8	a
49 Chlorobromomethane	128	5.224	5.224	0.000	54	379138	200.0	199.2	
51 Tetrahydrofuran	72	5.235	5.229	0.006	28	167127	400.0	400.8	
50 Methacrylonitrile	67	5.240	5.234	0.006	91	2778505	2000.0	2129.3	
52 Chloroform	83	5.287	5.287	0.000	100	1521381	200.0	199.2	
$ 53 Dibromofluoromethane (Surr)	113	5.471	5.470	0.001	37	152919	50.0	48.9	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	96	1561375	200.0	207.9	
55 Cyclohexane	84	5.486	5.481	0.005	83	1162798	200.0	214.7	
56 Carbon tetrachloride	117	5.633	5.633	0.000	98	1373402	200.0	215.2	
57 1,1-Dichloropropene	75	5.665	5.659	0.006	98	1156437	200.0	203.2	
59 Isobutyl alcohol	43	5.759	5.753	0.006	99	586742	5000.0	4999.1	
60 Benzene	78	5.895	5.890	0.005	96	2991829	200.0	199.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.885	5.890	-0.005	43	207769	50.0	51.9	
62 Isooctane	57	5.895	5.895	0.000	62	1634500	200.0	214.7	
63 Isopropyl acetate	61	5.953	5.947	0.006	96	357961	200.0	207.8	
61 1,2-Dichloroethane	62	5.979	5.979	0.000	79	1249486	200.0	192.2	
64 Tert-amyl methyl ether	73	5.979	5.979	0.000	97	2199817	200.0	217.1	
66 n-Heptane	43	6.110	6.115	-0.005	87	705077	200.0	216.2	
* 65 Fluorobenzene	96	6.231	6.236	-0.005	98	540863	50.0	50.0	
68 n-Butanol	56	6.556	6.550	0.006	88	418503	5000.0	4970.4	
67 Trichloroethene	95	6.666	6.666	0.000	98	876115	200.0	198.3	
69 Ethyl acrylate	55	6.792	6.797	-0.005	99	838728	200.0	215.0	
70 Methylcyclohexane	83	6.844	6.844	0.000	93	1243036	200.0	219.2	
71 1,2-Dichloropropane	63	6.996	6.996	0.000	85	701530	200.0	198.0	
* 73 1,4-Dioxane-d8	96	7.059	7.048	0.011	9	35404	1000.0	1000.0	a
75 Methyl methacrylate	100	7.091	7.090	0.001	85	376460	400.0	434.8	
74 1,4-Dioxane	88	7.127	7.122	0.005	57	177593	4000.0	4326.3	
72 Dibromomethane	93	7.143	7.143	0.000	94	500561	200.0	201.0	
76 n-Propyl acetate	43	7.159	7.153	0.006	97	878630	200.0	204.1	
77 Dichlorobromomethane	83	7.327	7.321	0.006	99	1171333	200.0	205.6	
78 2-Nitropropane	41	7.704	7.699	0.005	94	410405	400.0	405.2	
80 Epichlorohydrin	57	7.846	7.840	0.006	99	1111384	4000.0	3961.9	
81 cis-1,3-Dichloropropene	75	7.935	7.934	0.001	92	1376332	200.0	210.6	
82 4-Methyl-2-pentanone (MIBK)	43	8.129	8.128	0.001	94	2768194	1000.0	1076.3	
$ 83 Toluene-d8 (Surr)	98	8.255	8.254	0.001	98	540146	50.0	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.344	8.343	0.001	93	3317112	200.0	196.7	
85 trans-1,3-Dichloropropene	75	8.742	8.737	0.005	95	1312155	200.0	219.0	
86 Ethyl methacrylate	69	8.800	8.800	0.000	87	935765	200.0	207.9	
87 1,1,2-Trichloroethane	83	8.999	8.999	0.000	93	550678	200.0	198.9	
88 Tetrachloroethene	166	9.104	9.098	0.006	98	981598	200.0	190.0	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	92	1200805	200.0	201.3	
90 2-Hexanone	43	9.340	9.340	0.000	94	1933181	1000.0	1058.0	
93 n-Butyl acetate	43	9.497	9.497	0.000	97	832390	200.0	199.8	
91 Chlorodibromomethane	129	9.539	9.539	0.000	97	930365	200.0	231.2	
92 Ethylene Dibromide	107	9.728	9.733	-0.005	98	735353	200.0	204.6	
* 94 Chlorobenzene-d5	117	10.415	10.414	0.001	56	447859	50.0	50.0	
95 Chlorobenzene	112	10.462	10.456	0.006	93	2222774	200.0	199.4	
97 Ethylbenzene	106	10.598	10.598	0.000	98	1253337	200.0	203.4	
96 1,1,1,2-Tetrachloroethane	131	10.604	10.603	0.001	45	918302	200.0	213.1	
98 m-Xylene & p-Xylene	106	10.798	10.792	0.006	92	1482198	200.0	199.1	
101 n-Butyl acrylate	73	11.390	11.390	0.000	97	522354	200.0	205.8	
99 o-Xylene	106	11.411	11.411	0.000	93	1404800	200.0	195.3	
100 Styrene	104	11.442	11.442	0.000	93	2298657	200.0	203.0	
102 Bromoform	173	11.705	11.704	0.001	84	645107	200.0	233.2	
103 Amyl acetate (mixed isomers)	43	11.715	11.710	0.005	92	996065	200.0	208.7	
104 Isopropylbenzene	105	11.904	11.904	0.000	96	3423422	200.0	198.1	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	91	194655	50.0	49.3	
106 Bromobenzene	156	12.308	12.307	0.001	96	1001047	200.0	203.6	
107 1,1,2,2-Tetrachloroethane	83	12.349	12.349	0.000	96	837496	200.0	215.9	
108 1,2,3-Trichloropropane	110	12.407	12.407	0.000	61	309013	200.0	204.0	
110 N-Propylbenzene	91	12.418	12.412	0.006	99	4375748	200.0	206.3	
109 trans-1,4-Dichloro-2-butene	53	12.433	12.433	0.000	56	299377	200.0	224.3	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	96	3161875	200.0	203.0	
112 4-Ethyltoluene	105	12.554	12.554	0.000	96	3602974	200.0	202.9	
114 1,3,5-Trimethylbenzene	105	12.633	12.632	0.001	91	3191172	200.0	204.6	
113 4-Chlorotoluene	91	12.669	12.664	0.005	98	2950320	200.0	198.5	M
115 Butyl Methacrylate	87	12.748	12.748	0.000	88	951248	200.0	212.4	
116 tert-Butylbenzene	119	12.973	12.973	0.000	92	2653616	200.0	199.6	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	98	3237132	200.0	203.5	
118 sec-Butylbenzene	105	13.204	13.204	0.000	97	3584350	200.0	202.1	
119 1,3-Dichlorobenzene	146	13.340	13.340	0.000	95	1775599	200.0	203.8	
122 4-Isopropyltoluene	119	13.351	13.351	0.000	96	3170892	200.0	200.9	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	95	258084	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.435	13.435	0.000	93	1785162	200.0	199.4	
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	99	3152959	200.0	195.9	
124 Benzyl chloride	91	13.576	13.576	0.000	99	1866112	200.0	221.5	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	90	2661275	200.0	200.0	
127 p-Diethylbenzene	119	13.723	13.723	0.000	92	1803681	200.0	196.6	
128 n-Butylbenzene	92	13.744	13.744	0.000	97	1498348	200.0	202.4	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	94	1587118	200.0	198.3	
130 1,2,4,5-Tetramethylbenzene	119	14.426	14.425	0.001	97	2721922	200.0	198.6	
129 1,2-Dibromo-3-Chloropropane	157	14.499	14.499	0.000	97	205682	200.0	226.1	
131 1,3,5-Trichlorobenzene	180	14.641	14.640	0.001	95	1102856	200.0	197.5	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	93	943178	200.0	198.4	
133 Hexachlorobutadiene	225	15.249	15.249	0.000	80	507438	200.0	200.7	
134 Naphthalene	128	15.349	15.348	0.001	99	2260757	200.0	201.9	
135 1,2,3-Trichlorobenzene	180	15.548	15.547	0.001	96	784207	200.0	195.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		400.0	405.7	
S 137 Xylenes, Total	100				0		400.0	394.4	
S 140 Total BTEX	1				0		1000.0	993.7	
S 139 1,3-Dichloropropene, Total	1				0		400.0	429.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	20.00	Units: uL	
Ethanol mix_00100	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00160	Amount Added:	20.00	Units: uL	
MIX I Hi_00187	Amount Added:	20.00	Units: uL	
GAS Hi_00493	Amount Added:	20.00	Units: uL	
7 Freons Hi_00026	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:09:40 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689609.D

Injection Date: 19-Apr-2025 07:23:45 Instrument ID: CVOAMS15

Lims ID: STD200

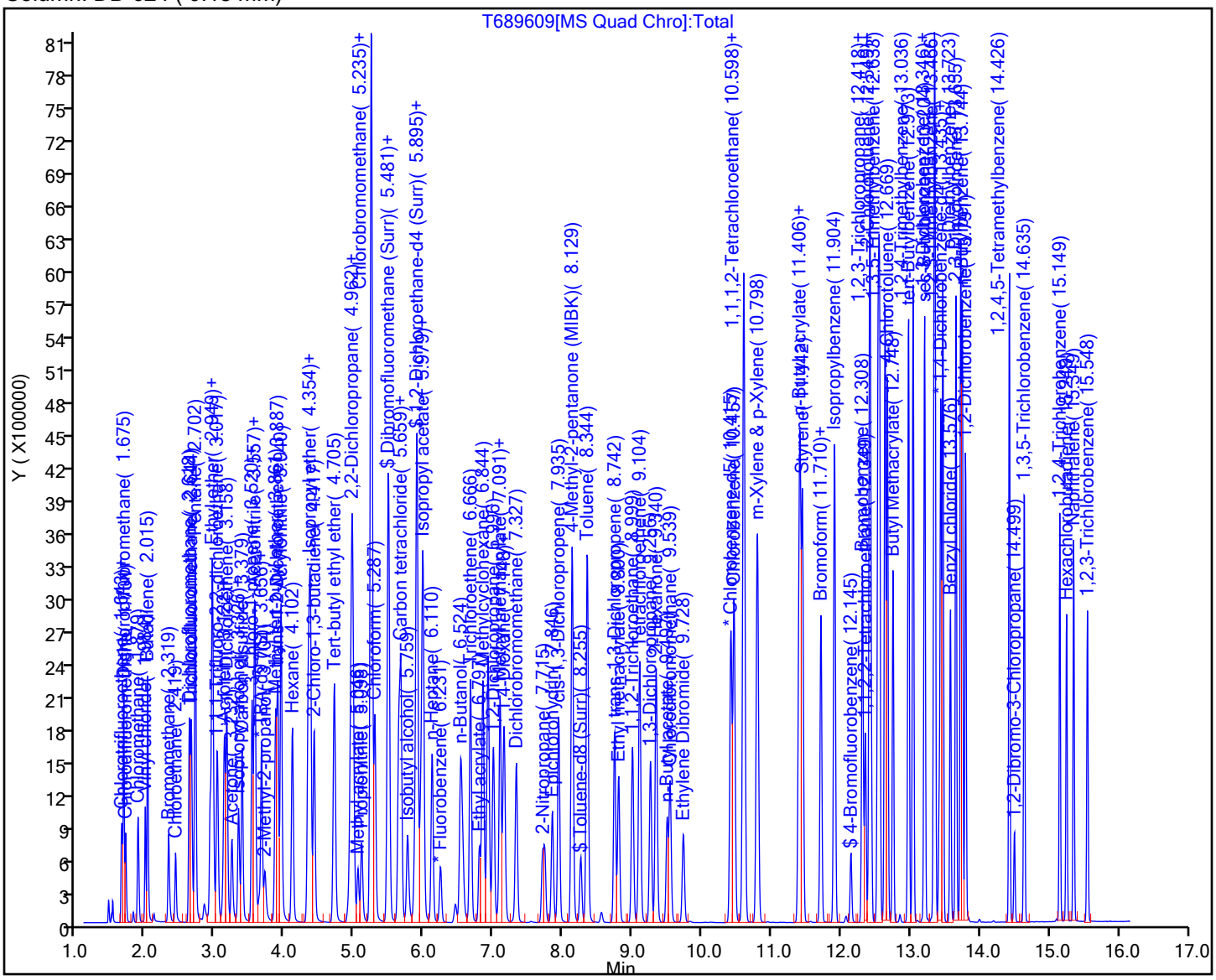
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

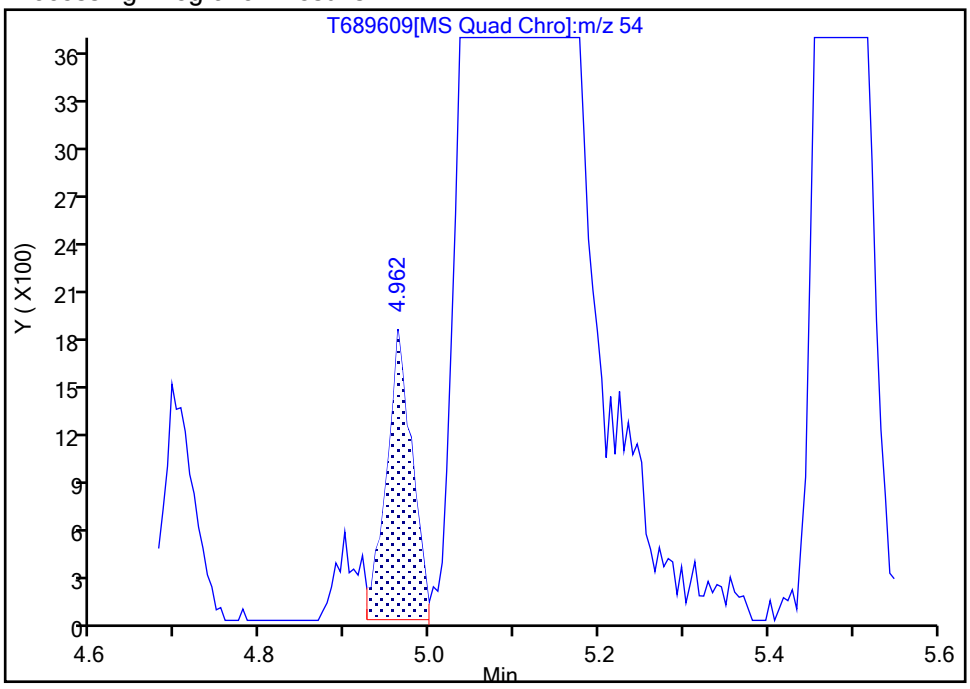
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689609.D
Injection Date: 19-Apr-2025 07:23:45 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

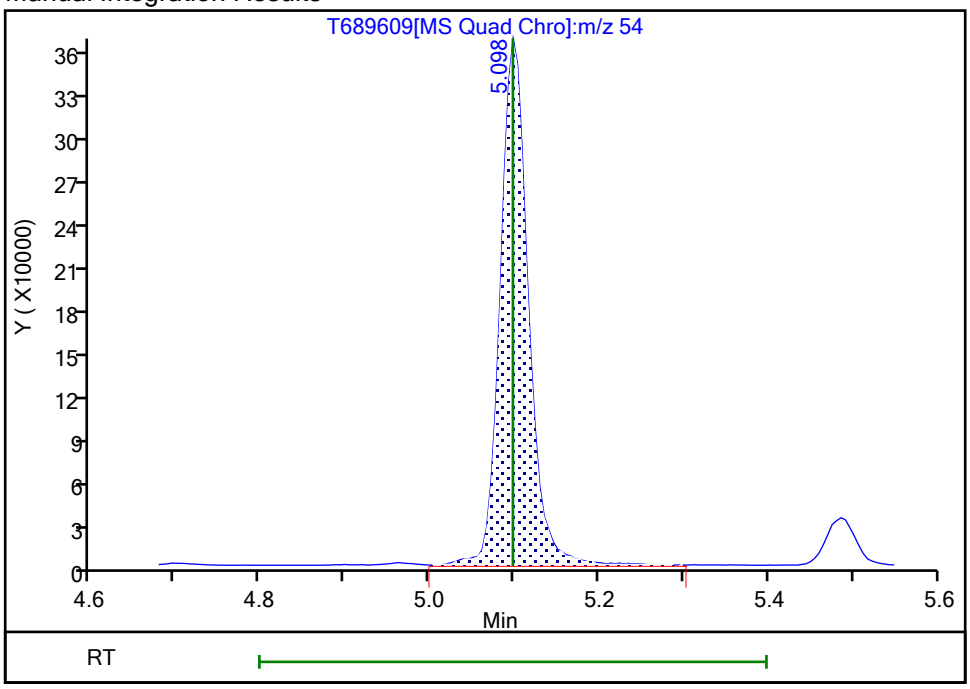
Processing Integration Results

RT: 4.96
Area: 3879
Amount: 15.193049
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 839748
Amount: 2060.7668
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:01:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

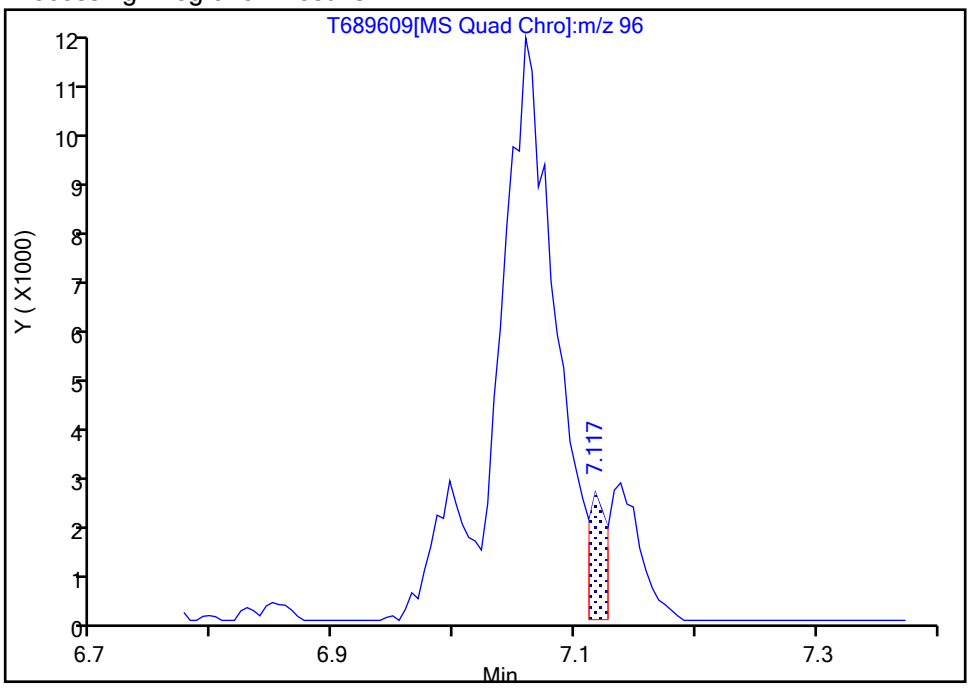
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689609.D
Injection Date: 19-Apr-2025 07:23:45 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

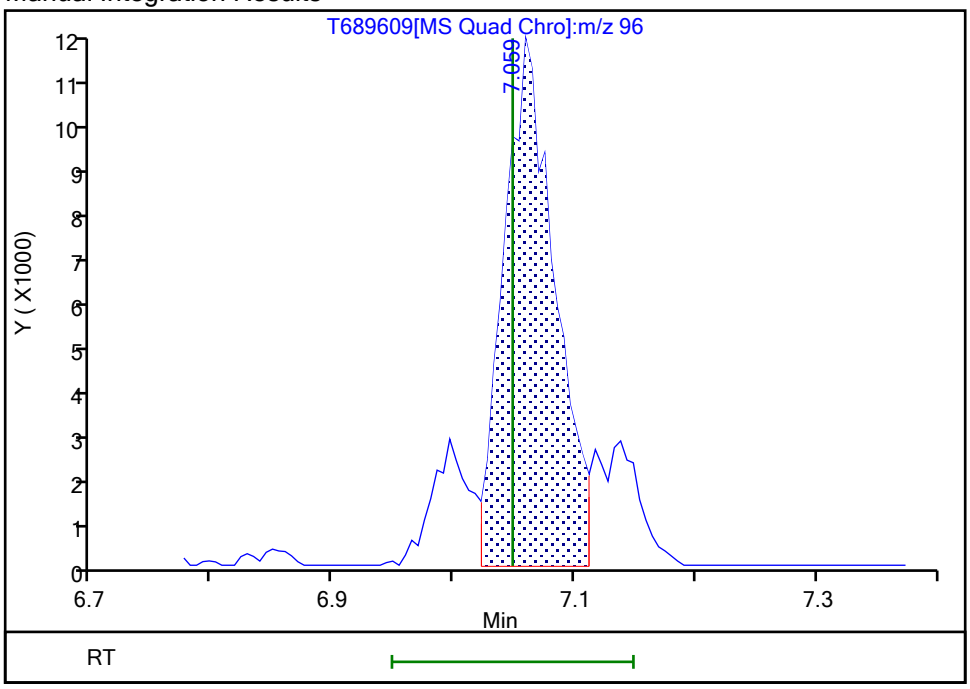
Processing Integration Results

RT: 7.12
Area: 2791
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 7.06
Area: 35404
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:01:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

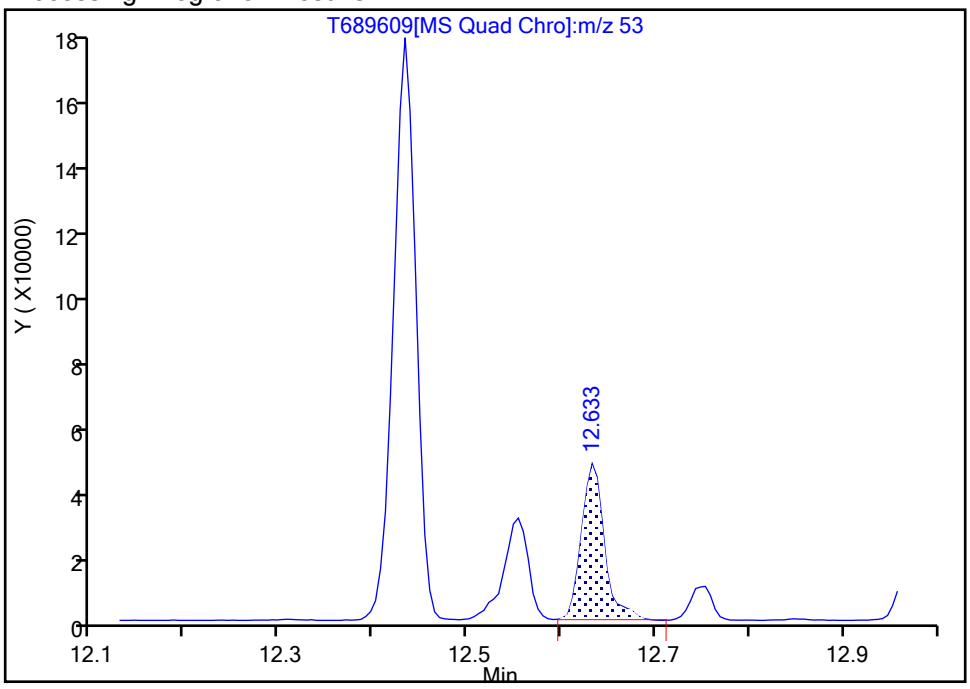
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689609.D
Injection Date: 19-Apr-2025 07:23:45 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

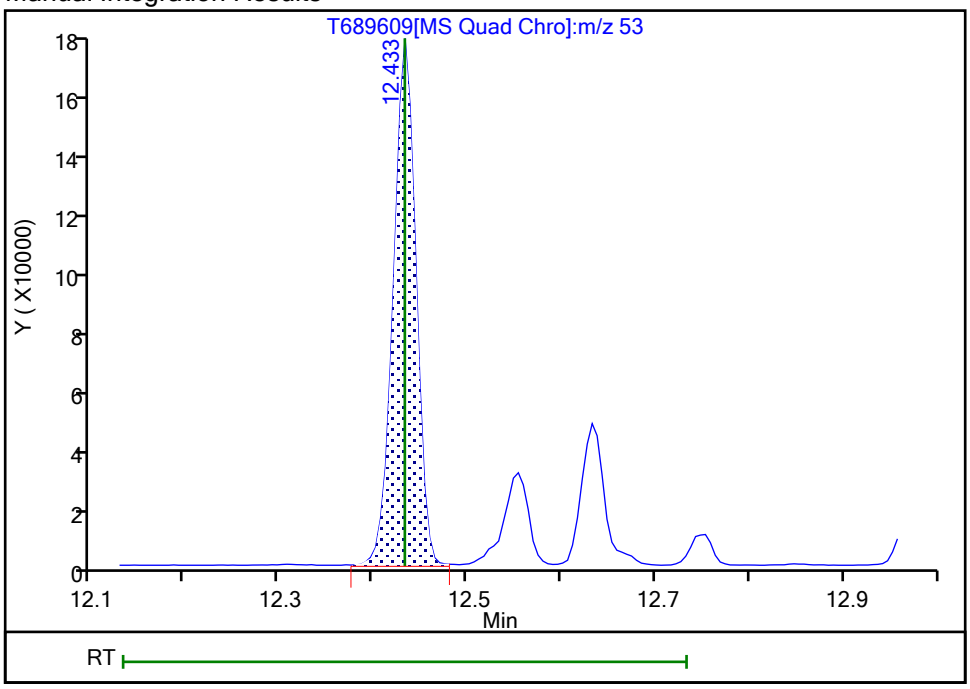
Processing Integration Results

RT: 12.63
Area: 82952
Amount: 140.1089
Amount Units: ug/l



Manual Integration Results

RT: 12.43
Area: 299377
Amount: 224.2974
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:01:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

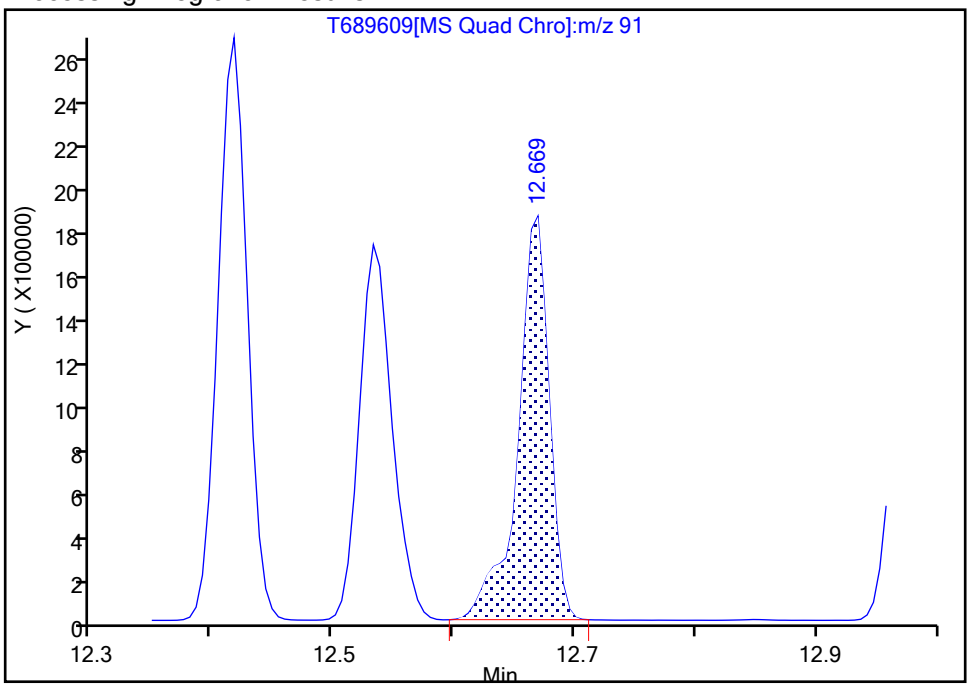
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689609.D
Injection Date: 19-Apr-2025 07:23:45 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

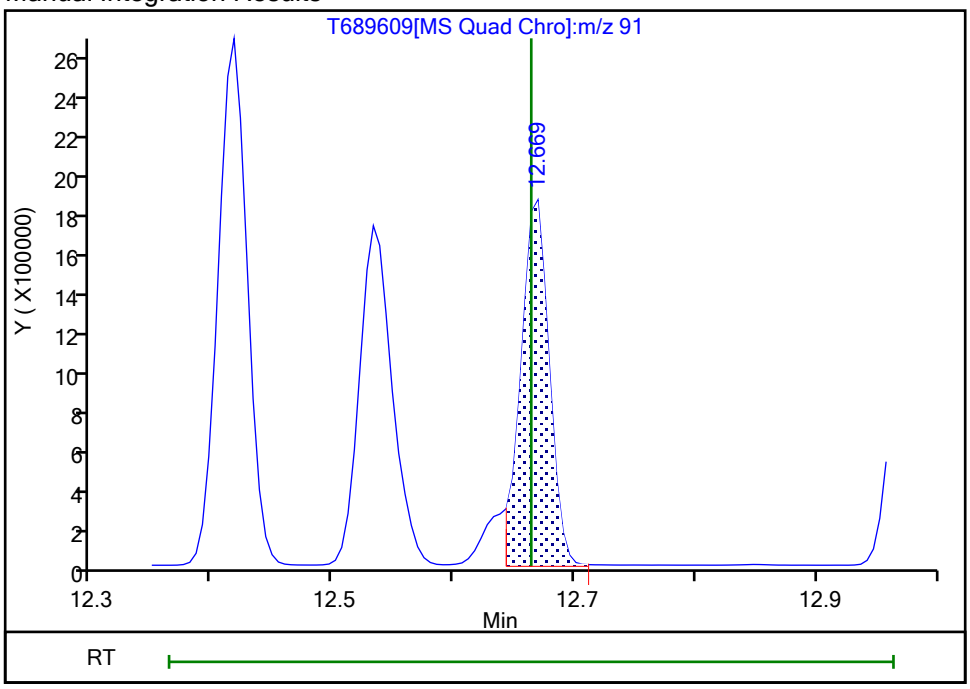
Processing Integration Results

RT: 12.67
Area: 3247103
Amount: 210.1289
Amount Units: ug/l



Manual Integration Results

RT: 12.67
Area: 2950320
Amount: 198.5398
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:20:31 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 19-Apr-2025 07:46:45 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0189481-011
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:09:48 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 08:58:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.512	1.512	0.000	90	106314	500.0	773.3	
3 Chlorotrifluoroethene	116	1.638	1.638	0.000	95	596092	500.0	738.0	
2 1,1-Difluoroethane	65	1.648	1.653	-0.005	93	733518	500.0	499.8	
4 Dichlorodifluoromethane	85	1.674	1.674	0.000	99	3219952	500.0	600.1	
5 Chlorodifluoromethane	67	1.701	1.700	0.001	96	418403	500.0	490.8	
6 Chloromethane	50	1.879	1.879	0.000	99	2335577	500.0	538.2	
7 Vinyl chloride	62	1.984	1.984	0.000	98	1887889	500.0	499.7	
8 Butadiene	54	2.015	2.015	0.000	96	1836498	500.0	496.0	
9 Bromomethane	94	2.309	2.319	-0.010	99	855438	500.0	303.7	
10 Chloroethane	64	2.414	2.419	-0.005	99	1121679	500.0	482.7	
11 Dichlorofluoromethane	67	2.613	2.618	-0.005	99	3792998	500.0	511.1	
12 Trichlorofluoromethane	101	2.639	2.644	-0.005	99	4007752	500.0	551.8	
13 Pentane	72	2.702	2.702	0.000	92	716272	1000.0	1094.1	
14 Ethanol	46	2.844	2.833	0.011	98	201376	20000	18637	
15 Ethyl ether	59	2.917	2.917	0.000	93	1351929	500.0	460.8	
17 2-Methyl-1,3-butadiene	53	2.943	2.943	0.000	88	1526457	500.0	514.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.959	2.954	0.005	94	1674908	500.0	521.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.017	3.016	0.001	95	2422598	500.0	524.4	
19 Acrolein	56	3.095	3.095	0.000	87	206878	400.0	427.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.121	3.121	0.000	96	1885957	500.0	524.3	
20 1,1-Dichloroethene	96	3.153	3.158	-0.005	98	1744392	500.0	506.3	
22 Acetone	43	3.232	3.231	0.001	86	2117247	2500.0	2496.4	
25 Isopropyl alcohol	45	3.331	3.326	0.005	49	947722	5000.0	4907.9	
23 Iodomethane	142	3.326	3.326	0.000	97	1982029	500.0	499.5	
24 Carbon disulfide	76	3.373	3.378	-0.005	99	5385585	500.0	500.9	
28 Methyl acetate	43	3.520	3.520	0.000	92	2072409	1000.0	974.8	
27 3-Chloro-1-propene	76	3.520	3.520	0.000	88	906323	500.0	477.6	
26 Acetonitrile	41	3.557	3.551	0.006	55	2218748	5000.0	NQ	a
29 Cyclopentene	67	3.562	3.562	0.000	92	4803013	500.0	507.4	
* 31 TBA-d9 (IS)	66	3.630	3.619	0.011	86	52803	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.656	3.656	0.000	85	1851915	500.0	504.1	
32 2-Methyl-2-propanol	59	3.714	3.703	0.011	99	1669310	5000.0	4641.2	
35 Methyl tert-butyl ether	73	3.861	3.861	0.000	96	5735426	500.0	528.0	
34 trans-1,2-Dichloroethene	96	3.892	3.892	0.000	94	1935741	500.0	502.6	
33 Acrylonitrile	53	3.939	3.934	0.005	92	5169956	5000.0	5014.7	
36 Hexane	57	4.102	4.102	0.000	90	2338995	500.0	563.3	
40 Isopropyl ether	45	4.327	4.327	0.000	92	4897839	500.0	527.3	
37 1,1-Dichloroethane	63	4.354	4.348	0.006	72	3210765	500.0	477.5	
38 Vinyl acetate	86	4.364	4.359	0.005	99	808965	1000.0	572.2	
39 2-Chloro-1,3-butadiene	88	4.411	4.416	-0.005	93	1664060	500.0	493.2	
41 Tert-butyl ethyl ether	59	4.705	4.705	0.000	90	5755269	500.0	536.9	
* 42 2-Butanone-d5	46	4.904	4.899	0.005	72	199442	250.0	250.0	a
44 2,2-Dichloropropane	97	4.941	4.946	-0.005	92	646317	500.0	462.5	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	87	2063607	500.0	486.0	
45 2-Butanone (MEK)	72	4.967	4.962	0.005	99	968908	2500.0	2435.5	
47 Ethyl acetate	70	4.988	4.983	0.005	97	415759	1000.0	559.9	
48 Methyl acrylate	55	5.046	5.040	0.006	99	1379274	500.0	485.7	
46 Propionitrile	54	5.103	5.098	0.005	97	2135120	5000.0	5150.9	a
49 Chlorobromomethane	128	5.224	5.224	0.000	67	933118	500.0	481.9	
51 Tetrahydrofuran	72	5.234	5.229	0.005	29	392331	1000.0	NQ	
50 Methacrylonitrile	67	5.245	5.234	0.011	89	6106856	5000.0	4600.7	
52 Chloroform	83	5.292	5.287	0.005	100	3687529	500.0	474.7	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.470	0.000	31	152069	50.0	47.8	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	96	3776581	500.0	494.4	
55 Cyclohexane	84	5.486	5.481	0.005	83	2843674	500.0	516.2	
56 Carbon tetrachloride	117	5.633	5.633	0.000	98	3380613	500.0	520.8	
57 1,1-Dichloropropene	75	5.664	5.659	0.005	97	2925140	500.0	505.3	
59 Isobutyl alcohol	43	5.769	5.753	0.016	100	1477353	12500	12500	
60 Benzene	78	5.895	5.890	0.005	97	6965587	500.0	444.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.890	5.890	0.000	39	205721	50.0	50.5	
62 Isooctane	57	5.895	5.895	0.000	66	4144735	500.0	535.2	
63 Isopropyl acetate	61	5.953	5.947	0.006	96	853774	500.0	487.3	
61 1,2-Dichloroethane	62	5.979	5.979	0.000	76	2868826	500.0	433.9	
64 Tert-amyl methyl ether	73	5.984	5.979	0.005	97	5395143	500.0	523.5	
66 n-Heptane	43	6.115	6.115	0.000	87	1855782	500.0	559.3	
* 65 Fluorobenzene	96	6.236	6.236	0.000	98	550187	50.0	50.0	
68 n-Butanol	56	6.566	6.550	0.016	87	1084849	12500	12653	
67 Trichloroethene	95	6.666	6.666	0.000	98	2167214	500.0	482.2	
69 Ethyl acrylate	55	6.797	6.797	0.000	99	2103817	500.0	530.2	
70 Methylcyclohexane	83	6.844	6.844	0.000	94	3128546	500.0	542.3	
71 1,2-Dichloropropane	63	6.996	6.996	0.000	85	1718274	500.0	476.7	
* 73 1,4-Dioxane-d8	96	7.064	7.048	0.016	14	35995	1000.0	1000.0	a
75 Methyl methacrylate	100	7.096	7.090	0.006	85	951640	1000.0	1080.5	
74 1,4-Dioxane	88	7.127	7.122	0.005	61	424998	10000	10183	
72 Dibromomethane	93	7.143	7.143	0.000	91	1058833	500.0	418.0	
76 n-Propyl acetate	43	7.159	7.153	0.006	97	2121318	500.0	484.4	
77 Dichlorobromomethane	83	7.326	7.321	0.005	99	2961375	500.0	511.0	
78 2-Nitropropane	41	7.709	7.699	0.010	93	1075897	1000.0	1044.1	
80 Epichlorohydrin	57	7.845	7.840	0.005	99	2157491	10000	10031	
81 cis-1,3-Dichloropropene	75	7.935	7.934	0.001	92	3426484	500.0	503.2	
82 4-Methyl-2-pentanone (MIBK)	43	8.134	8.128	0.006	94	6445032	2500.0	2463.4	
$ 83 Toluene-d8 (Surr)	98	8.254	8.254	0.000	99	555828	50.0	48.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.349	8.343	0.006	94	7898826	500.0	449.6	
85 trans-1,3-Dichloropropene	75	8.742	8.737	0.005	96	3325817	500.0	532.8	
86 Ethyl methacrylate	69	8.800	8.800	0.000	87	2336638	500.0	498.3	
87 1,1,2-Trichloroethane	83	8.999	8.999	0.000	92	1371012	500.0	475.3	
88 Tetrachloroethene	166	9.104	9.098	0.006	97	2498700	500.0	464.3	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	93	3021085	500.0	486.1	
90 2-Hexanone	43	9.340	9.340	0.000	94	4565427	2500.0	2456.2	
93 n-Butyl acetate	43	9.497	9.497	0.000	97	2142229	500.0	500.0	
91 Chlorodibromomethane	129	9.539	9.539	0.000	97	2375111	500.0	566.5	
92 Ethylene Dibromide	107	9.733	9.733	0.000	98	1856213	500.0	495.6	
* 94 Chlorobenzene-d5	117	10.420	10.414	0.006	44	466620	50.0	50.0	
95 Chlorobenzene	112	10.462	10.456	0.006	93	5579502	500.0	480.3	
97 Ethylbenzene	106	10.603	10.598	0.005	98	3103152	500.0	483.3	
96 1,1,1,2-Tetrachloroethane	131	10.603	10.603	0.000	45	2260610	500.0	503.5	
98 m-Xylene & p-Xylene	106	10.797	10.792	0.005	92	3786907	500.0	488.3	
101 n-Butyl acrylate	73	11.390	11.390	0.000	97	1271937	500.0	480.9	
99 o-Xylene	106	11.411	11.411	0.000	94	3499955	500.0	467.0	
100 Styrene	104	11.448	11.442	0.006	92	5642739	500.0	478.3	
102 Bromoform	173	11.710	11.704	0.006	80	1651613	500.0	573.1	
103 Amyl acetate (mixed isomers)	43	11.715	11.710	0.005	92	2472243	500.0	508.3	
104 Isopropylbenzene	105	11.909	11.904	0.005	96	8310458	500.0	461.5	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	89	202983	50.0	49.4	
106 Bromobenzene	156	12.313	12.307	0.006	93	2579612	500.0	514.8	
107 1,1,2,2-Tetrachloroethane	83	12.355	12.349	0.006	95	2006773	500.0	507.5	
108 1,2,3-Trichloropropane	110	12.412	12.407	0.005	59	719970	500.0	466.3	
110 N-Propylbenzene	91	12.417	12.412	0.005	97	9609683	500.0	444.4	
109 trans-1,4-Dichloro-2-butene	53	12.438	12.433	0.005	62	702194	500.0	516.1	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	97	7196099	500.0	453.3	
112 4-Ethyltoluene	105	12.559	12.554	0.005	95	8360288	500.0	461.9	
114 1,3,5-Trimethylbenzene	105	12.638	12.632	0.006	92	7218793	500.0	454.0	
113 4-Chlorotoluene	91	12.669	12.664	0.005	97	6833967	500.0	451.2	M
115 Butyl Methacrylate	87	12.753	12.748	0.005	88	2384520	500.0	522.3	
116 tert-Butylbenzene	119	12.973	12.973	0.000	92	6214336	500.0	458.5	
117 1,2,4-Trimethylbenzene	105	13.041	13.036	0.005	97	7257116	500.0	447.6	
118 sec-Butylbenzene	105	13.204	13.204	0.000	96	8165784	500.0	451.6	
119 1,3-Dichlorobenzene	146	13.340	13.340	0.000	95	4034778	500.0	454.4	
122 4-Isopropyltoluene	119	13.356	13.351	0.005	95	6771732	500.0	420.9	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	94	263069	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.440	13.435	0.005	94	4264378	500.0	467.2	
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	97	7145365	500.0	435.5	
124 Benzyl chloride	91	13.576	13.576	0.000	99	4553900	500.0	530.3	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	89	6311089	500.0	465.4	
127 p-Diethylbenzene	119	13.723	13.723	0.000	92	4178285	500.0	446.9	
128 n-Butylbenzene	92	13.749	13.744	0.005	97	3404693	500.0	451.1	
126 1,2-Dichlorobenzene	146	13.796	13.791	0.005	96	3808654	500.0	466.8	
130 1,2,4,5-Tetramethylbenzene	119	14.426	14.425	0.001	96	6231685	500.0	446.0	
129 1,2-Dibromo-3-Chloropropane	157	14.499	14.499	0.000	97	493093	500.0	531.9	
131 1,3,5-Trichlorobenzene	180	14.641	14.640	0.001	96	2744851	500.0	482.2	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	94	2313726	500.0	477.6	
133 Hexachlorobutadiene	225	15.249	15.249	0.000	80	1249396	500.0	499.9	
134 Naphthalene	128	15.348	15.348	0.000	98	5345922	500.0	468.5	
135 1,2,3-Trichlorobenzene	180	15.548	15.547	0.001	95	1952496	500.0	478.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1000.0	988.7	
S 137 Xylenes, Total	100				0		1000.0	955.3	
S 140 Total BTEX	1				0		2500.0	2333.2	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	1036.0	

QC Flag Legend

Processing Flags
NQ - Not Quantifiable
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	40.00	Units: uL	
Ethanol mix_00100	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00160	Amount Added:	50.00	Units: uL	
MIX I Hi_00187	Amount Added:	50.00	Units: uL	
GAS Hi_00493	Amount Added:	50.00	Units: uL	
7 Freons Hi_00026	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:09:49 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D

Injection Date: 19-Apr-2025 07:46:45 Instrument ID: CVOAMS15

Lims ID: STD500

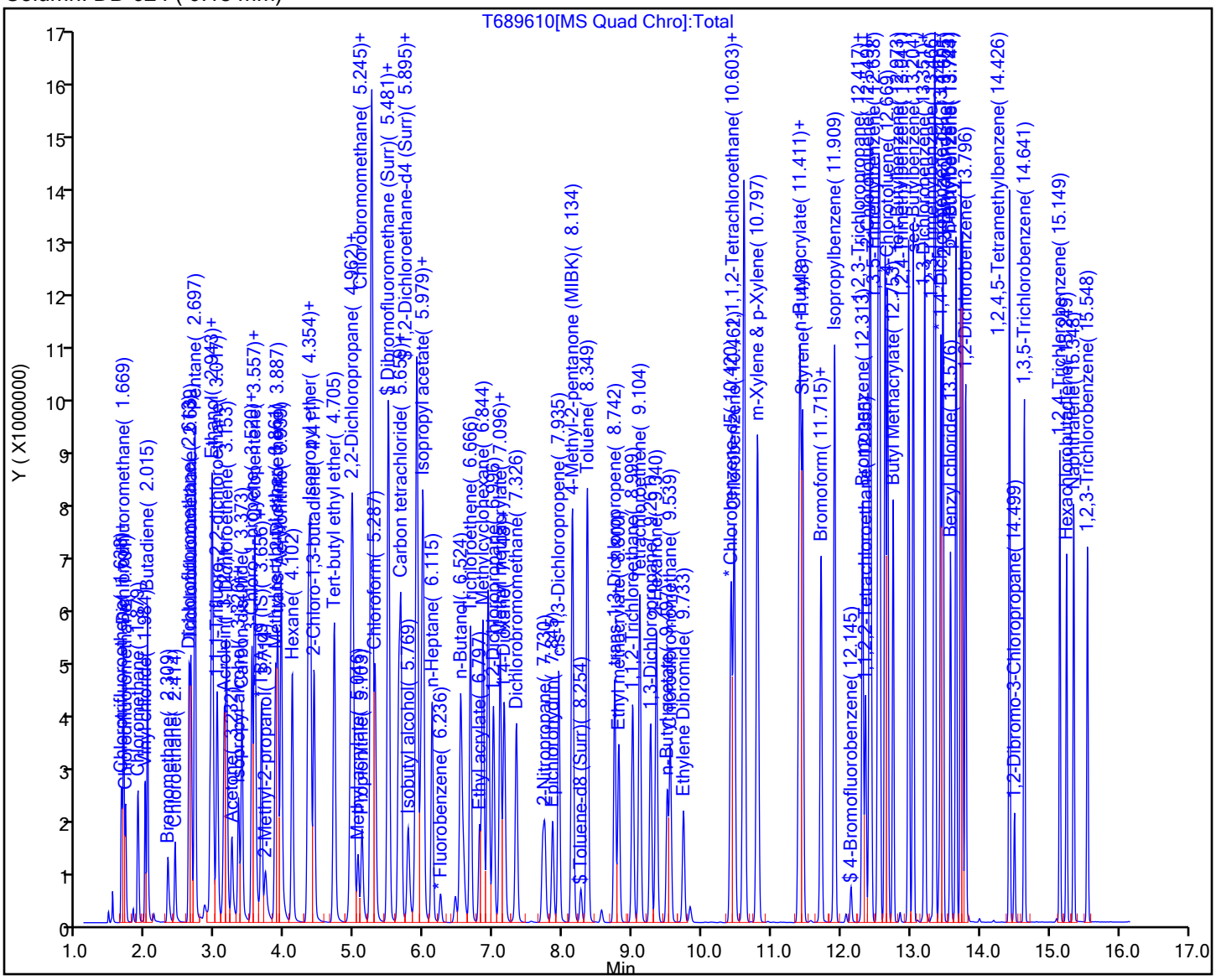
Client ID:

Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

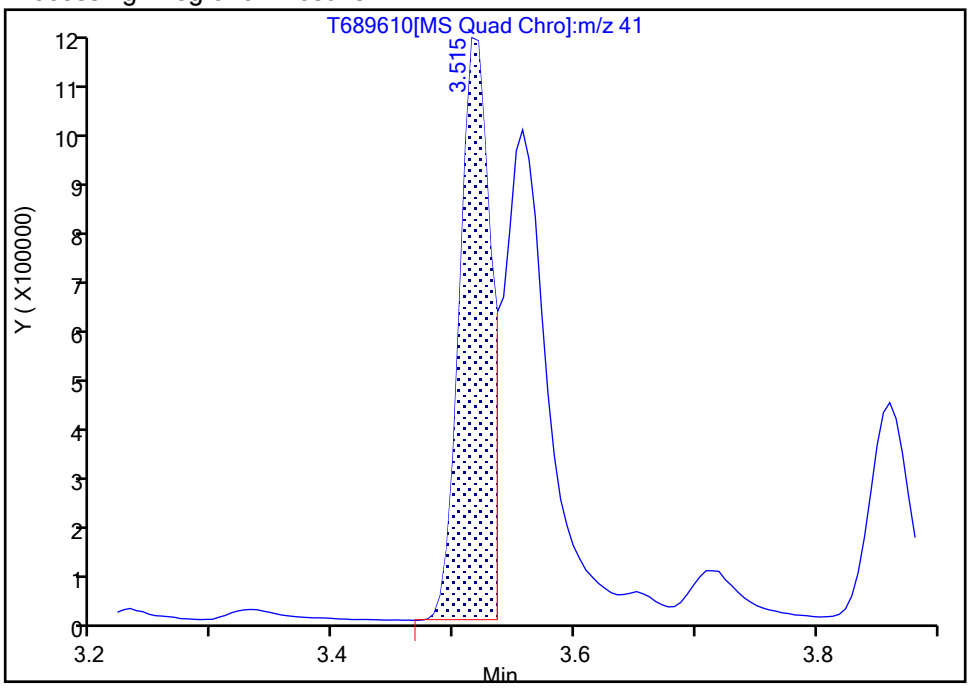
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D
Injection Date: 19-Apr-2025 07:46:45 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

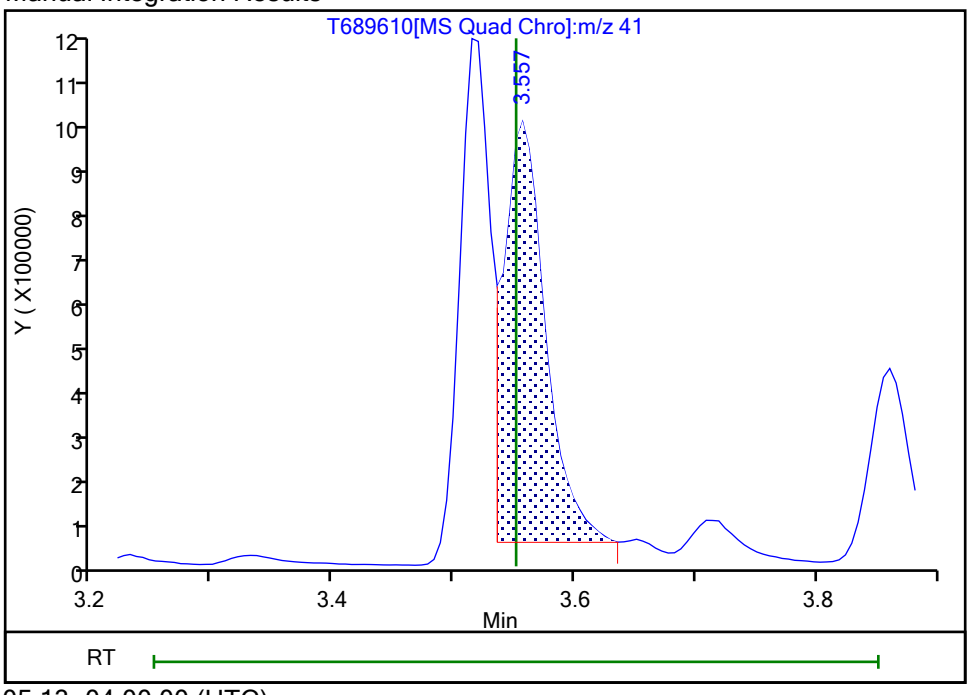
Processing Integration Results

RT: 3.51
Area: 2073431
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 3.56
Area: 2218748
Amount: NaN
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:05:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

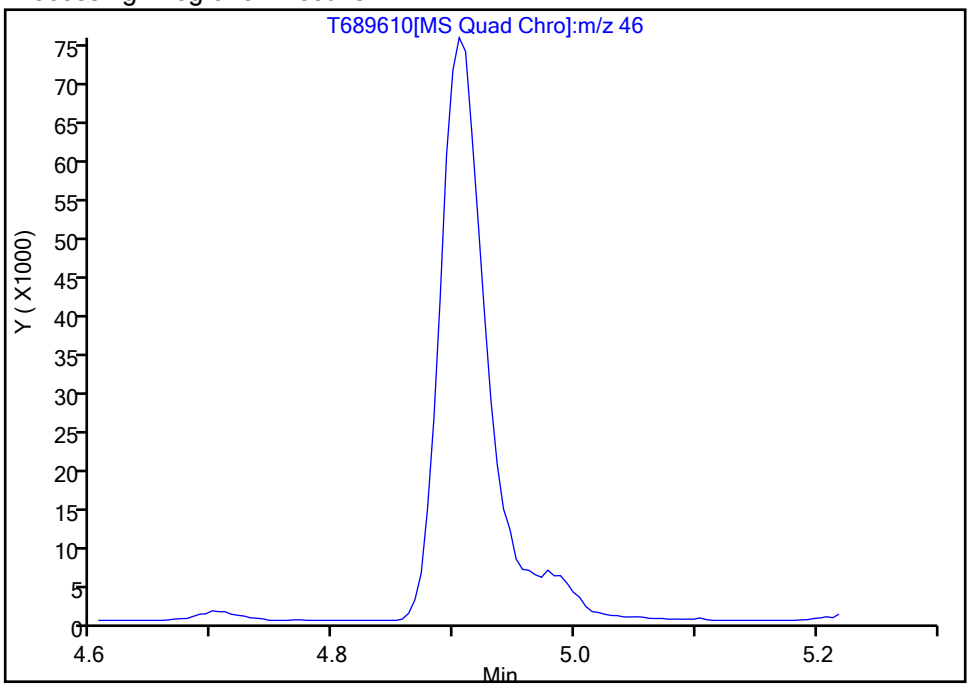
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D
Injection Date: 19-Apr-2025 07:46:45 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

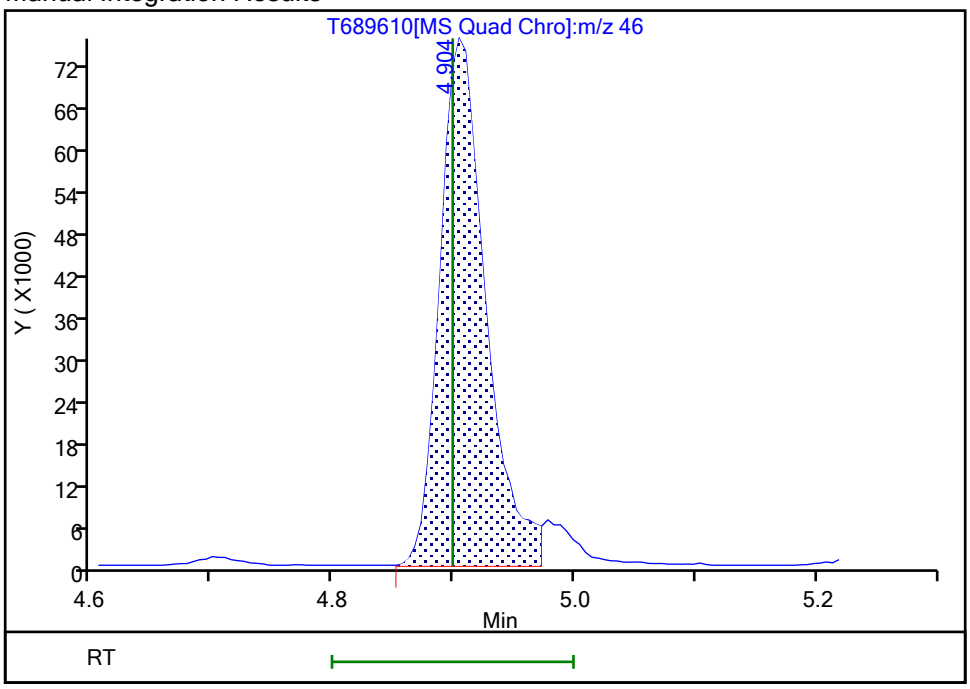
Not Detected
Expected RT: 4.90

Processing Integration Results



Manual Integration Results

RT: 4.90
Area: 199442
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:05:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

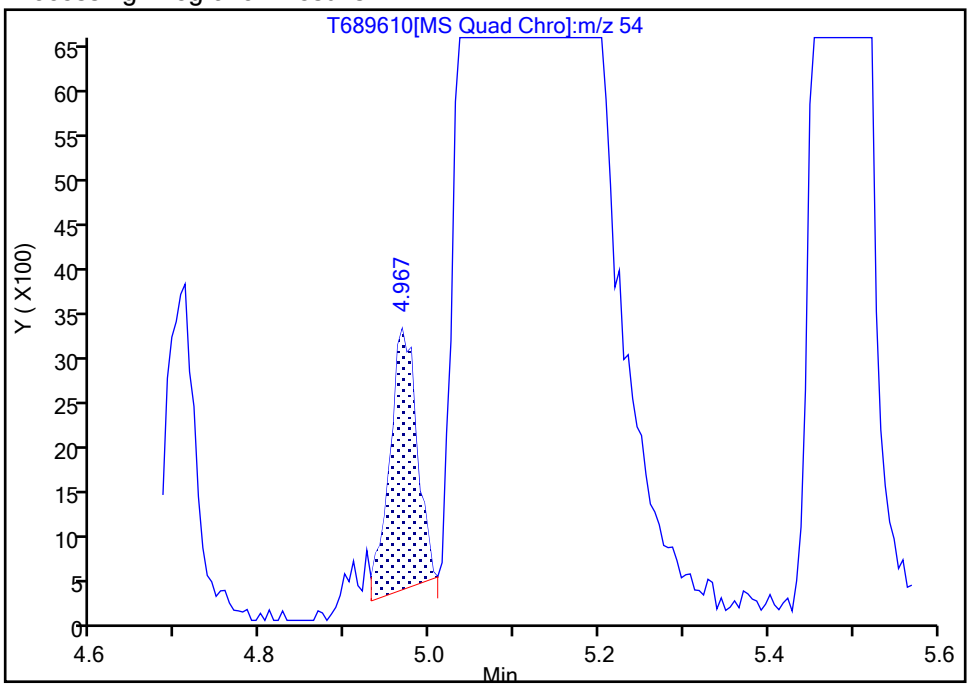
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D
Injection Date: 19-Apr-2025 07:46:45 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

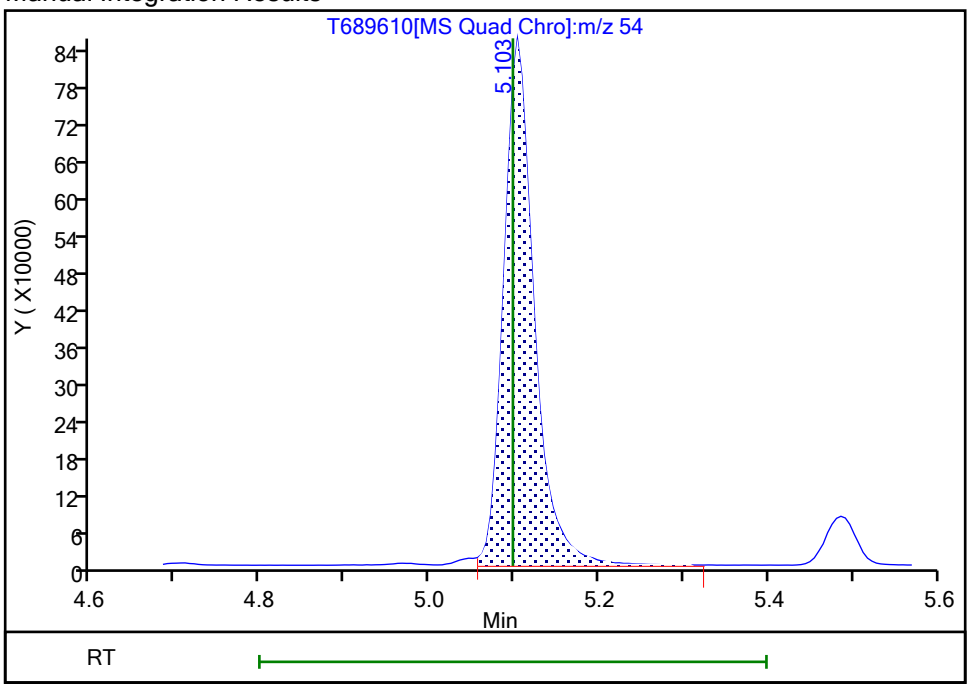
Processing Integration Results

RT: 4.97
Area: 6538
Amount: 19.512547
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 2135120
Amount: 5150.8523
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:32:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

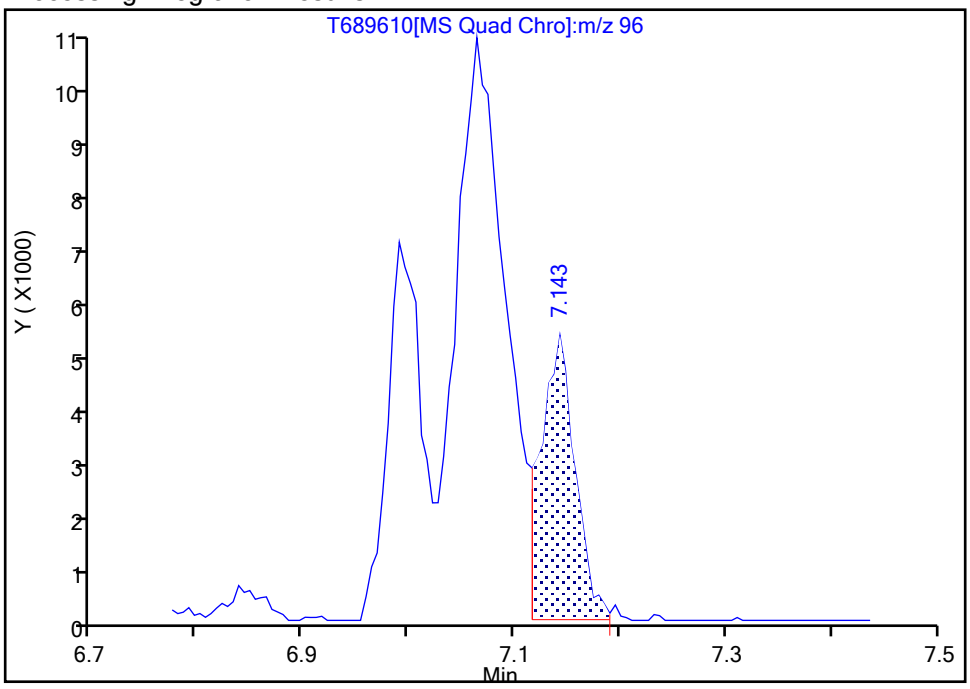
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D
Injection Date: 19-Apr-2025 07:46:45 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

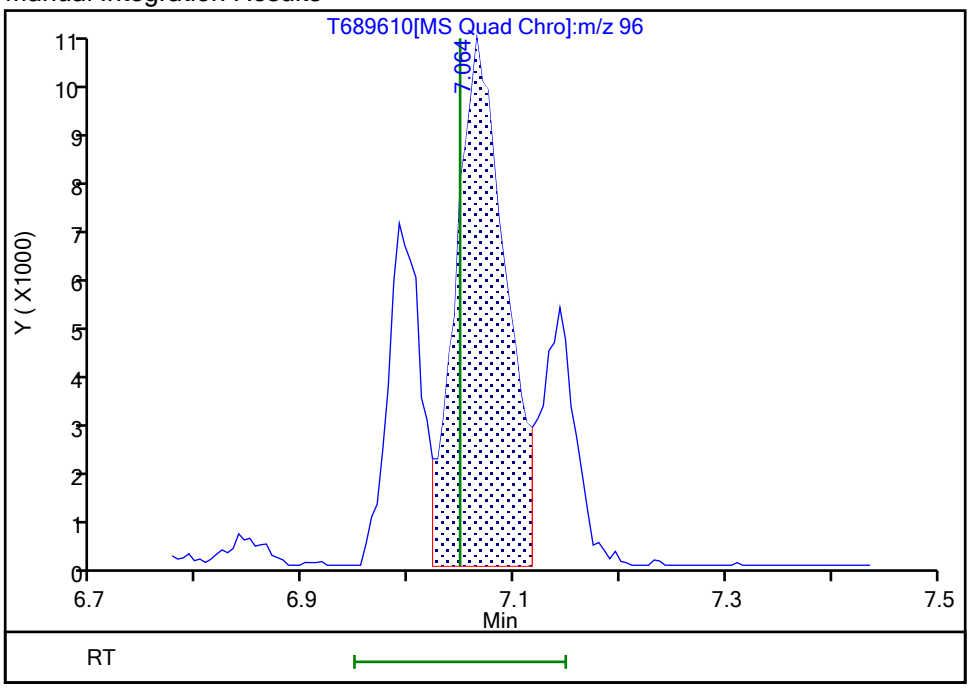
Processing Integration Results

RT: 7.14
Area: 12038
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 7.06
Area: 35995
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:05:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

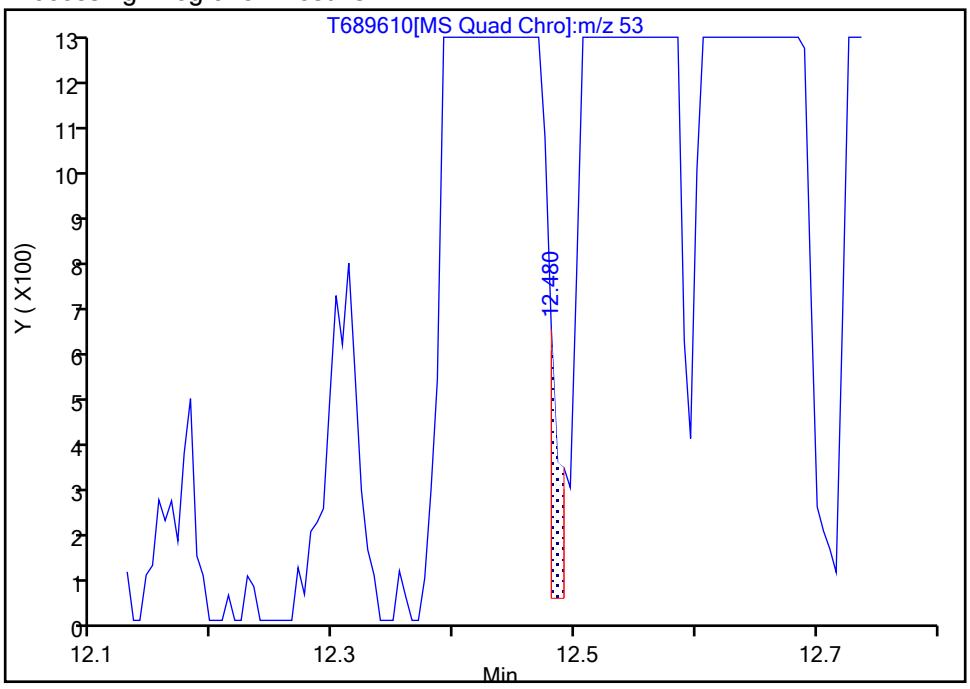
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D
Injection Date: 19-Apr-2025 07:46:45 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

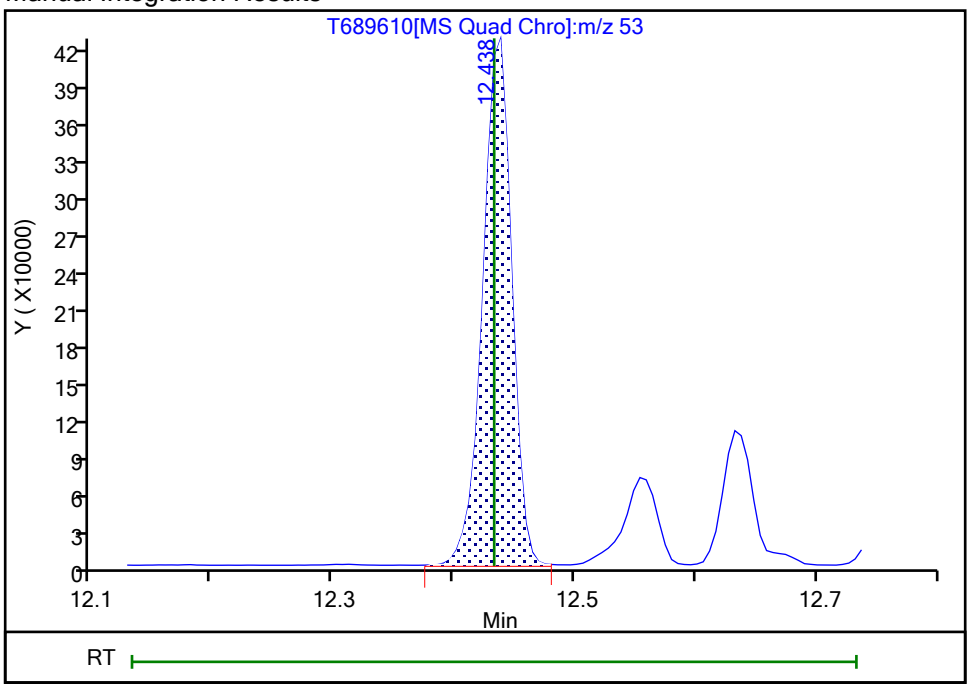
Processing Integration Results

RT: 12.48
Area: 366
Amount: 0.464864
Amount Units: ug/l



Manual Integration Results

RT: 12.44
Area: 702194
Amount: 516.1242
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:05:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

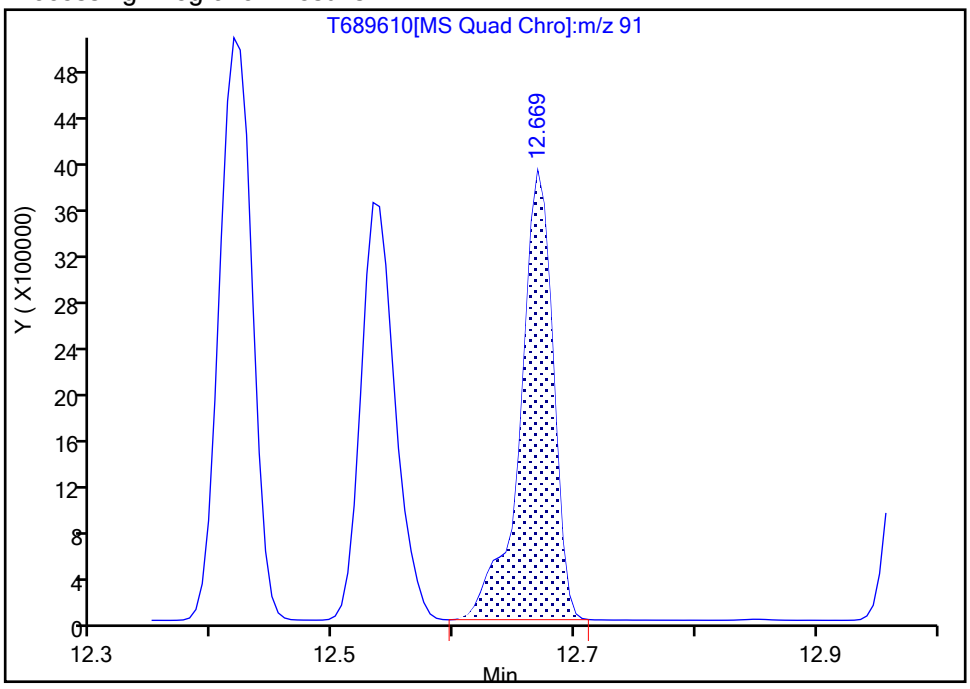
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D
Injection Date: 19-Apr-2025 07:46:45 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

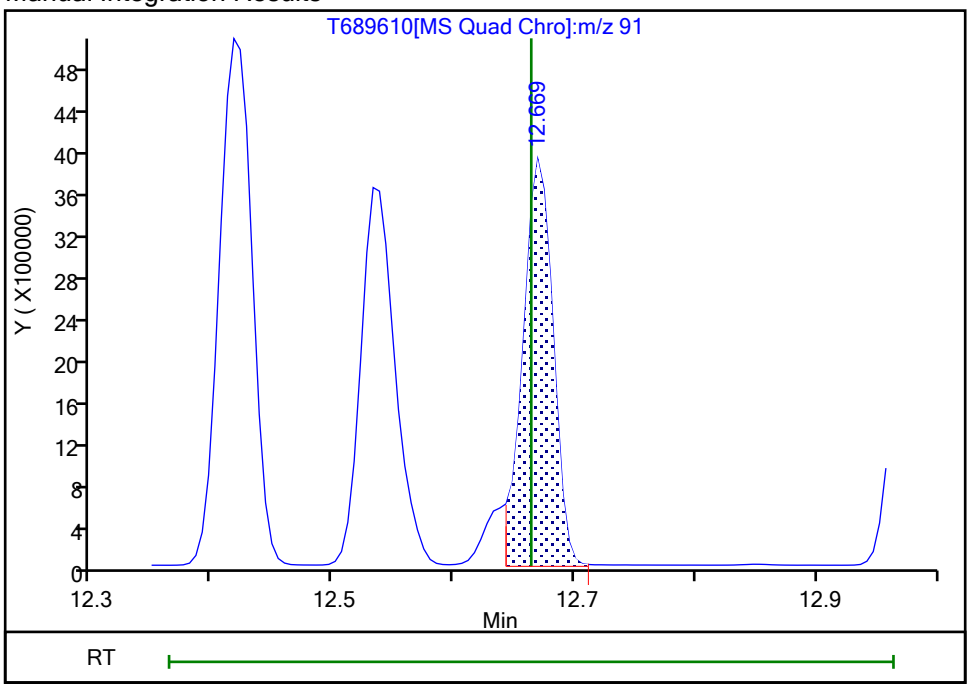
Processing Integration Results

RT: 12.67
Area: 7433536
Amount: 478.4929
Amount Units: ug/l



Manual Integration Results

RT: 12.67
Area: 6833967
Amount: 451.1726
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:22:32 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 19-Apr-2025 10:26:58 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0189481-018
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:09:58 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 10:58:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.633	1.633	0.000	12	646	1.00	0.9075	
2 1,1-Difluoroethane	65	1.648	1.648	0.000	83	1073	1.00	1.01	
4 Dichlorodifluoromethane	85	1.669	1.669	0.000	90	3890	1.00	0.8225	
5 Chlorodifluoromethane	67	1.695	1.695	0.000	57	690	1.00	0.8441	
6 Chloromethane	50	1.874	1.874	0.000	92	3749	1.00	0.9802	
7 Vinyl chloride	62	1.979	1.979	0.000	92	2836	1.00	0.8517	
8 Butadiene	54	2.015	2.015	0.000	92	3027	1.00	0.9276	
9 Bromomethane	94	2.319	2.319	0.000	88	2396	1.00	0.8229	
10 Chloroethane	64	2.424	2.424	0.000	64	1934	1.00	0.9443	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	84	6042	1.00	0.9238	
12 Trichlorofluoromethane	101	2.644	2.644	0.000	69	5610	1.00	0.8764	
13 Pentane	72	2.702	2.702	0.000	83	1143	2.00	1.98	
14 Ethanol	46	2.838	2.838	0.000	62	304	40.0	38.0	
15 Ethyl ether	59	2.917	2.917	0.000	73	2562	1.00	0.99	
17 2-Methyl-1,3-butadiene	53	2.938	2.938	0.000	89	2216	1.00	0.8480	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.954	2.954	0.000	70	2531	1.00	0.8935	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.011	3.011	0.000	60	3578	1.00	0.8788	
19 Acrolein	56	3.090	3.090	0.000	63	1479	4.00	3.47	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.116	3.116	0.000	78	2986	1.00	0.9419	
20 1,1-Dichloroethene	96	3.153	3.153	0.000	89	2771	1.00	0.9125	
22 Acetone	43	3.226	3.226	0.000	62	4287	5.00	4.74	
25 Isopropyl alcohol	45	3.321	3.321	0.000	39	1364	10.0	9.53	
23 Iodomethane	142	3.326	3.326	0.000	84	3474	1.00	0.8464	Ma
24 Carbon disulfide	76	3.379	3.379	0.000	99	8619	1.00	0.9096	
28 Methyl acetate	43	3.520	3.520	0.000	94	3496	2.00	1.87	
27 3-Chloro-1-propene	76	3.525	3.525	0.000	82	1394	1.00	0.8336	
26 Acetonitrile	41	3.546	3.546	0.000	81	3787	10.0	8.52	M
29 Cyclopentene	67	3.562	3.562	0.000	79	6771	1.00	0.8117	
* 31 TBA-d9 (IS)	66	3.620	3.620	0.000	94	39134	1000.0	1000.0	
30 Methylene Chloride	84	3.662	3.662	0.000	38	2560	1.00	0.7906	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.709	3.709	0.000	80	2428	10.0	9.11	
35 Methyl tert-butyl ether	73	3.856	3.856	0.000	94	7687	1.00	0.8030	
34 trans-1,2-Dichloroethene	96	3.892	3.892	0.000	63	3289	1.00	0.9690	
33 Acrylonitrile	53	3.940	3.940	0.000	93	7448	10.0	8.20	
36 Hexane	57	4.097	4.097	0.000	84	3352	1.00	0.9160	
40 Isopropyl ether	45	4.328	4.328	0.000	86	6538	1.00	0.7986	
37 1,1-Dichloroethane	63	4.343	4.343	0.000	79	5274	1.00	0.8899	
38 Vinyl acetate	86	4.364	4.364	0.000	98	1261	2.00	1.97	
39 2-Chloro-1,3-butadiene	88	4.417	4.417	0.000	66	2546	1.00	0.8561	
41 Tert-butyl ethyl ether	59	4.700	4.700	0.000	85	7385	1.00	0.7817	
* 42 2-Butanone-d5	46	4.899	4.899	0.000	34	90068	250.0	250.0	
44 2,2-Dichloropropane	97	4.941	4.941	0.000	38	997	1.00	0.8095	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	40	3227	1.00	0.8624	
45 2-Butanone (MEK)	72	4.962	4.962	0.000	90	3339	5.00	5.03	
47 Ethyl acetate	70	4.983	4.983	0.000	81	645	2.00	1.92	
48 Methyl acrylate	55	5.041	5.041	0.000	69	2887	1.00	1.15	
46 Propionitrile	54	5.093	5.093	0.000	85	3090	10.0	8.46	
49 Chlorobromomethane	128	5.224	5.224	0.000	44	1515	1.00	0.8878	
51 Tetrahydrofuran	72	5.245	5.245	0.000	27	549	2.00	1.42	
50 Methacrylonitrile	67	5.235	5.235	0.000	89	9511	10.0	8.13	
52 Chloroform	83	5.282	5.282	0.000	84	5994	1.00	0.8754	
$ 53 Dibromofluoromethane (Surr)	113	5.471	5.471	0.000	96	144129	50.0	51.5	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	24	5805	1.00	0.8622	
55 Cyclohexane	84	5.491	5.491	0.000	32	4523	1.00	0.9316	
56 Carbon tetrachloride	117	5.633	5.633	0.000	88	4706	1.00	0.8226	
57 1,1-Dichloropropene	75	5.665	5.665	0.000	82	4502	1.00	0.8824	
59 Isobutyl alcohol	43	5.764	5.764	0.000	58	2111	25.0	23.7	
60 Benzene	78	5.895	5.895	0.000	47	11328	1.00	0.8530	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.885	5.885	0.000	93	180646	50.0	50.3	
62 Isooctane	57	5.900	5.900	0.000	32	6468	1.00	0.9476	
63 Isopropyl acetate	61	5.963	5.963	0.000	86	1264	1.00	0.8185	M
61 1,2-Dichloroethane	62	5.979	5.979	0.000	70	5035	1.00	0.8639	
64 Tert-amyl methyl ether	73	5.979	5.979	0.000	85	6837	1.00	0.7528	
66 n-Heptane	43	6.121	6.121	0.000	67	2494	1.00	0.8529	
* 65 Fluorobenzene	96	6.231	6.231	0.000	99	484909	50.0	50.0	
68 n-Butanol	56	6.556	6.556	0.000	54	1621	25.0	25.5	
67 Trichloroethene	95	6.666	6.666	0.000	72	3322	1.00	0.8387	
69 Ethyl acrylate	55	6.787	6.787	0.000	30	2301	1.00	0.6580	Ma
70 Methylcyclohexane	83	6.834	6.834	0.000	76	4336	1.00	0.8527	
71 1,2-Dichloropropane	63	6.986	6.986	0.000	65	2848	1.00	0.8965	M
* 73 1,4-Dioxane-d8	96	7.054	7.054	0.000	1	26833	1000.0	1000.0	
75 Methyl methacrylate	100	7.085	7.085	0.000	81	1252	2.00	1.61	
74 1,4-Dioxane	88	7.112	7.112	0.000	44	1424	50.0	45.8	
72 Dibromomethane	93	7.143	7.143	0.000	80	2162	1.00	0.9683	
76 n-Propyl acetate	43	7.154	7.154	0.000	90	3594	1.00	0.9313	
77 Dichlorobromomethane	83	7.321	7.321	0.000	82	3718	1.00	0.7279	
78 2-Nitropropane	41	7.704	7.704	0.000	74	1518	2.00	1.67	
80 Epichlorohydrin	57	7.846	7.846	0.000	29	1863	20.0	10.6	M
81 cis-1,3-Dichloropropene	75	7.935	7.935	0.000	68	4580	1.00	0.7929	
82 4-Methyl-2-pentanone (MIBK)	43	8.129	8.129	0.000	87	10299	5.00	4.47	
$ 83 Toluene-d8 (Surr)	98	8.249	8.249	0.000	98	481708	50.0	49.9	
84 Toluene	91	8.344	8.344	0.000	84	13434	1.00	0.9014	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	8.737	8.737	0.000	62	4193	1.00	0.7918	
86 Ethyl methacrylate	69	8.789	8.789	0.000	55	3372	1.00	0.8477	
87 1,1,2-Trichloroethane	83	8.994	8.994	0.000	60	2016	1.00	0.8239	
88 Tetrachloroethene	166	9.099	9.099	0.000	86	4180	1.00	0.9156	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	76	4415	1.00	0.8374	
90 2-Hexanone	43	9.340	9.340	0.000	89	7166	5.00	4.37	
93 n-Butyl acetate	43	9.487	9.487	0.000	84	3796	1.00	1.02	
91 Chlorodibromomethane	129	9.529	9.529	0.000	62	2814	1.00	0.7912	
92 Ethylene Dibromide	107	9.728	9.728	0.000	72	2708	1.00	0.8523	
* 94 Chlorobenzene-d5	117	10.415	10.415	0.000	87	395824	50.0	50.0	
95 Chlorobenzene	112	10.457	10.457	0.000	68	8798	1.00	0.8928	
97 Ethylbenzene	106	10.598	10.598	0.000	94	4313	1.00	0.7919	
96 1,1,1,2-Tetrachloroethane	131	10.604	10.604	0.000	32	2940	1.00	0.7720	M
98 m-Xylene & p-Xylene	106	10.792	10.792	0.000	90	6151	1.00	0.9350	
101 n-Butyl acrylate	73	11.395	11.395	0.000	62	1967	1.00	0.8767	
99 o-Xylene	106	11.411	11.411	0.000	89	5594	1.00	0.8800	
100 Styrene	104	11.442	11.442	0.000	89	8733	1.00	0.8727	
102 Bromoform	173	11.705	11.705	0.000	42	1781	1.00	0.7286	
103 Amyl acetate (mixed isomers)	43	11.715	11.715	0.000	79	4823	1.00	1.09	
104 Isopropylbenzene	105	11.904	11.904	0.000	84	13538	1.00	0.8862	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	90	176296	50.0	50.6	
106 Bromobenzene	156	12.308	12.308	0.000	84	3820	1.00	0.8393	
107 1,1,2,2-Tetrachloroethane	83	12.355	12.355	0.000	70	2893	1.00	0.8054	
108 1,2,3-Trichloropropane	110	12.412	12.412	0.000	42	1264	1.00	0.9013	
110 N-Propylbenzene	91	12.418	12.418	0.000	95	17190	1.00	0.8752	
109 trans-1,4-Dichloro-2-butene	53	12.428	12.428	0.000	30	1074	1.00	0.8691	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	84	13153	1.00	0.9122	
112 4-Ethyltoluene	105	12.554	12.554	0.000	90	15048	1.00	0.9153	
114 1,3,5-Trimethylbenzene	105	12.633	12.633	0.000	87	13512	1.00	0.9355	
113 4-Chlorotoluene	91	12.669	12.669	0.000	88	12132	1.00	0.8818	M
115 Butyl Methacrylate	87	12.748	12.748	0.000	76	3657	1.00	0.8819	
116 tert-Butylbenzene	119	12.973	12.973	0.000	81	11084	1.00	0.9004	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	89	13261	1.00	0.9004	
118 sec-Butylbenzene	105	13.204	13.204	0.000	93	14774	1.00	0.8995	
119 1,3-Dichlorobenzene	146	13.335	13.335	0.000	89	7389	1.00	0.9161	
122 4-Isopropyltoluene	119	13.351	13.351	0.000	84	13757	1.00	0.9413	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	96	238952	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.440	13.440	0.000	84	8149	1.00	0.9829	a
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	90	14138	1.00	0.9486	
124 Benzyl chloride	91	13.576	13.576	0.000	91	6169	1.00	0.7909	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	85	10860	1.00	0.8816	
127 p-Diethylbenzene	119	13.723	13.723	0.000	90	7612	1.00	0.8963	
128 n-Butylbenzene	92	13.744	13.744	0.000	93	6203	1.00	0.9048	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	86	7148	1.00	0.9646	
130 1,2,4,5-Tetramethylbenzene	119	14.426	14.426	0.000	88	12623	1.00	0.99	
129 1,2-Dibromo-3-Chloropropane	157	14.504	14.504	0.000	44	714	1.00	0.8479	
131 1,3,5-Trichlorobenzene	180	14.641	14.641	0.000	85	4993	1.00	0.9656	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	83	4797	1.00	1.09	
133 Hexachlorobutadiene	225	15.244	15.244	0.000	69	4541	1.00	1.90	
134 Naphthalene	128	15.349	15.349	0.000	95	12572	1.00	1.21	
135 1,2,3-Trichlorobenzene	180	15.548	15.548	0.000	85	4633	1.00	1.25	
S 136 1,2-Dichloroethene, Total	100				0		2.00	1.83	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		2.00	1.81	
S 140 Total BTEX	1				0		5.00	4.36	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.58	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00203	Amount Added:	10.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
GASES Li_00637	Amount Added:	10.00	Units: uL	
14DIOXINTER_00183	Amount Added:	30.00	Units: uL	
524FREONS_00033	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:09:59 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15

Lims ID: STD1

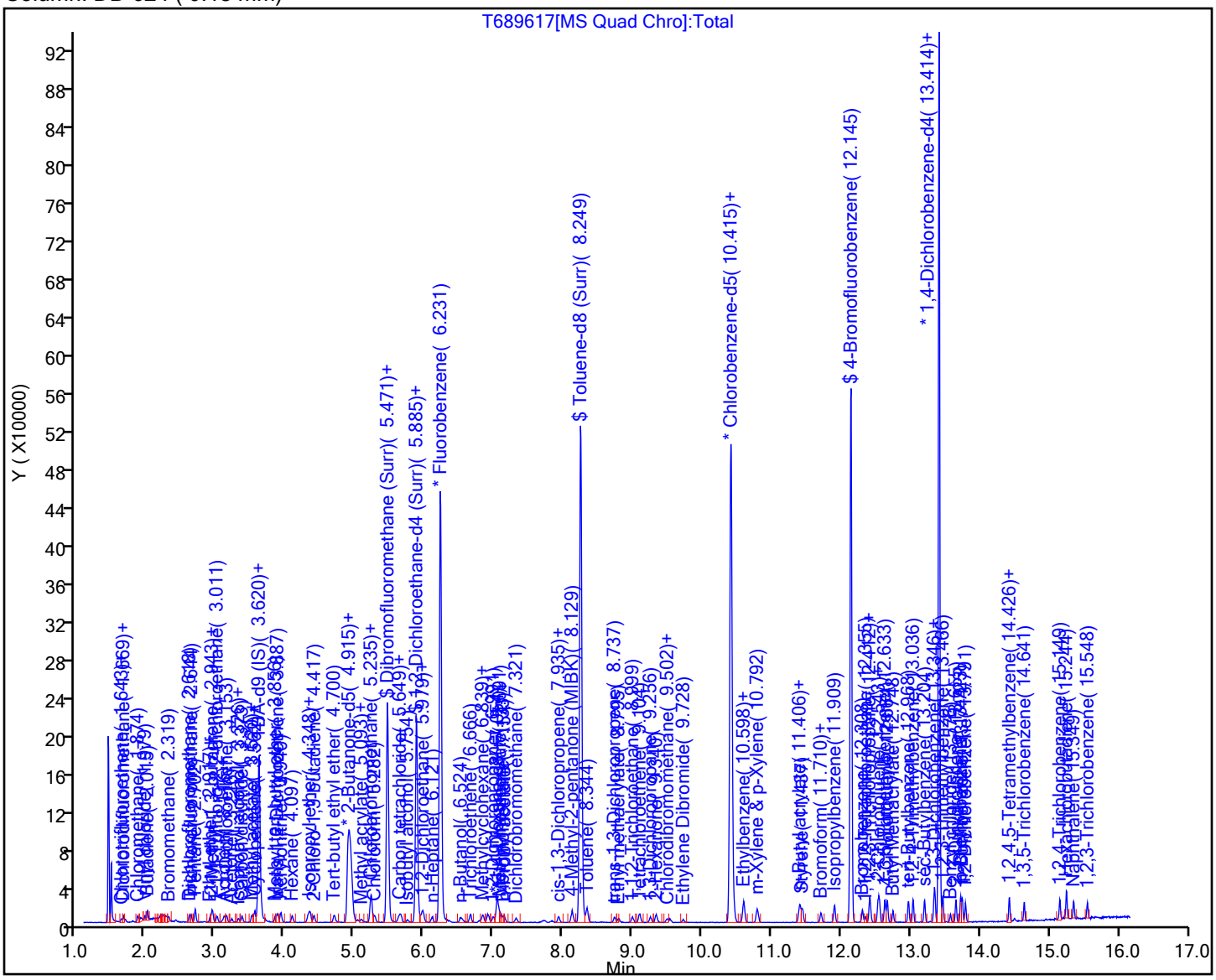
Client ID:

Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

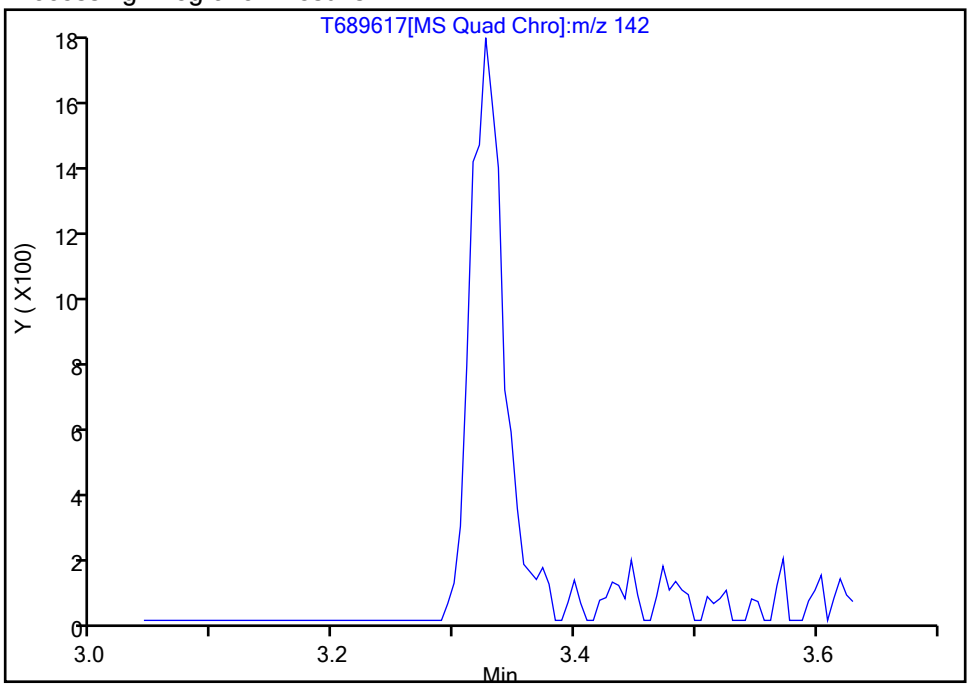
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

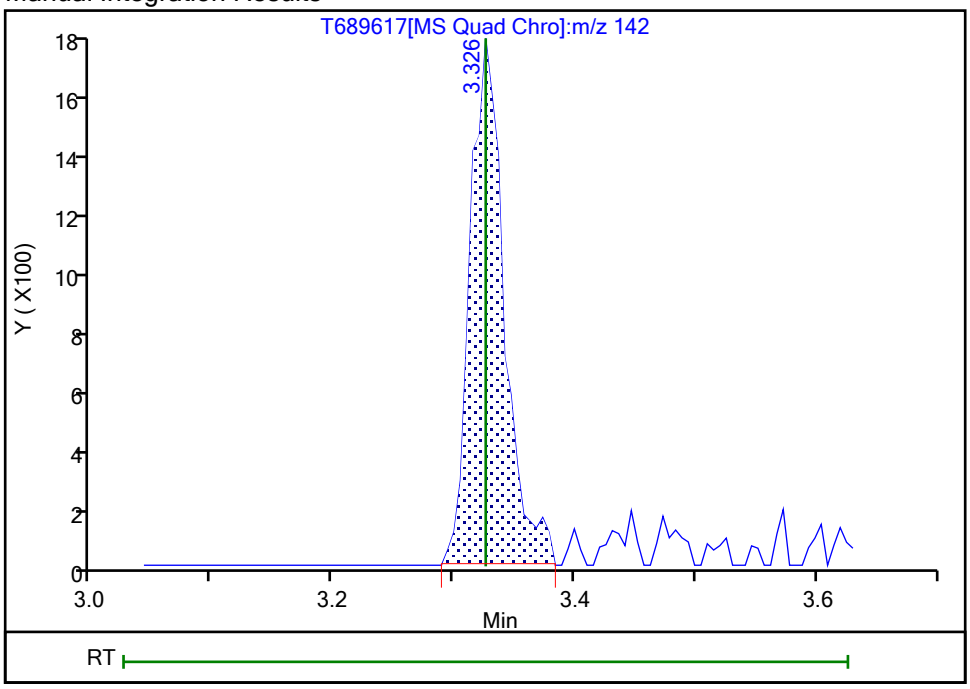
Not Detected
Expected RT: 3.33

Processing Integration Results



Manual Integration Results

RT: 3.33
Area: 3474
Amount: 0.846421
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:17:42 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Missed Peak

Eurofins Edison

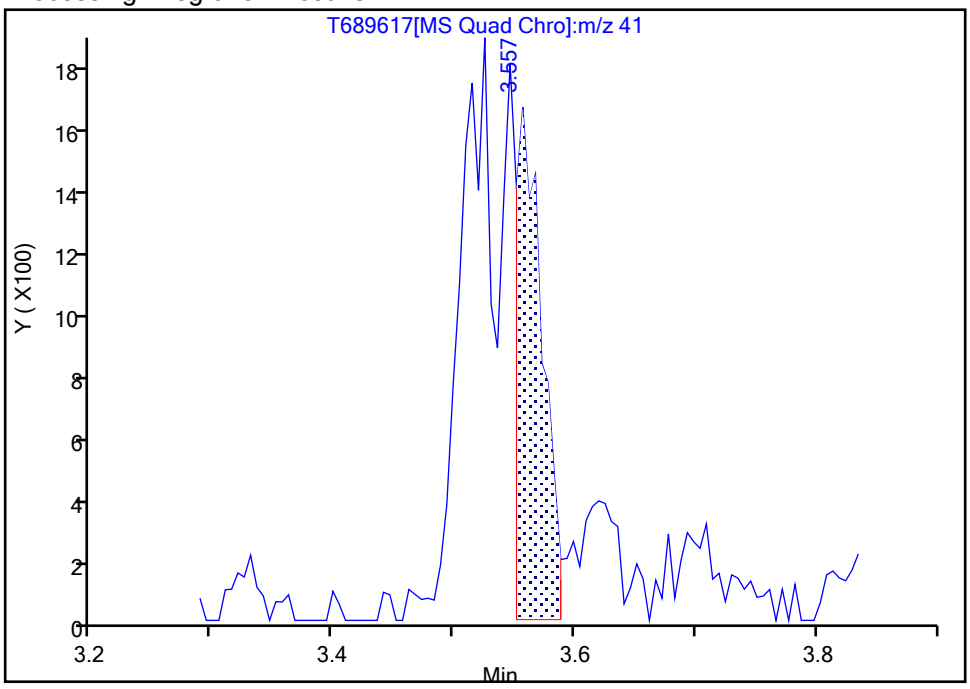
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

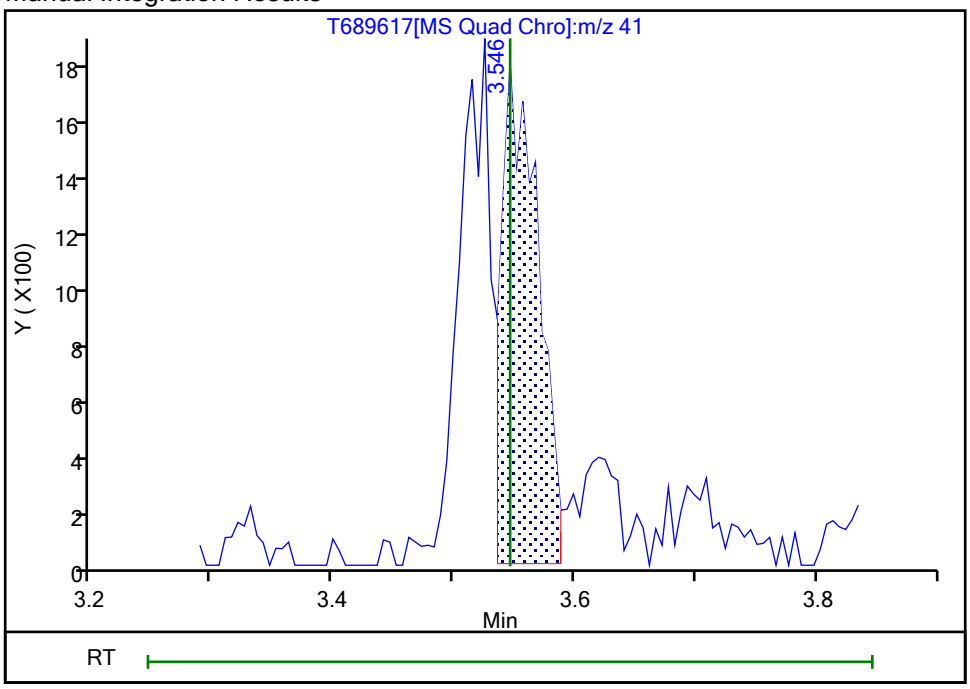
Processing Integration Results

RT: 3.56
Area: 2531
Amount: 7.192921
Amount Units: ug/l



Manual Integration Results

RT: 3.55
Area: 3787
Amount: 8.517045
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:27:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

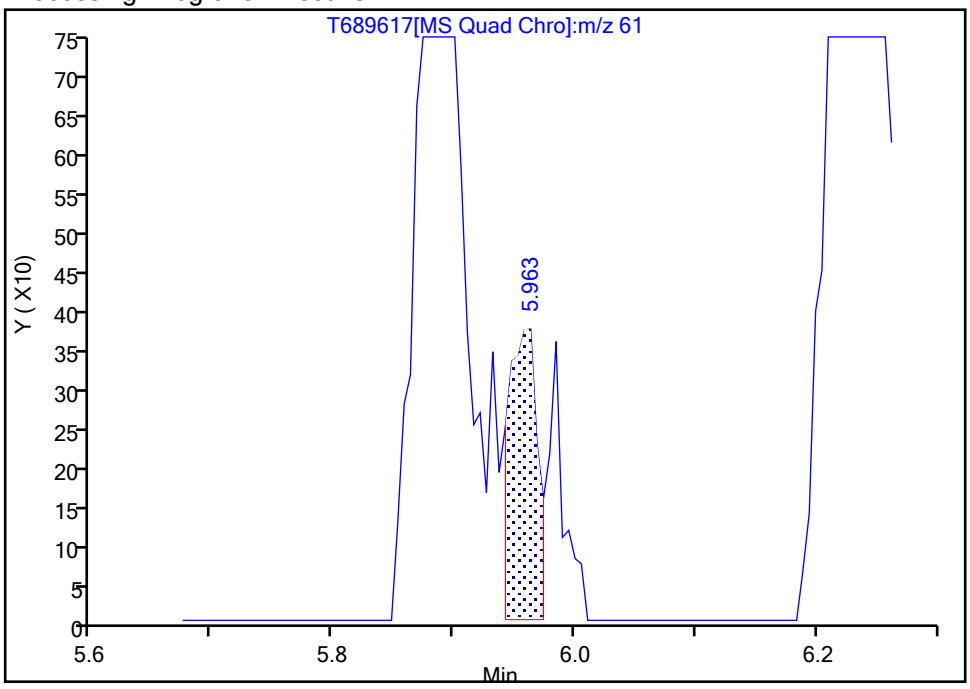
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

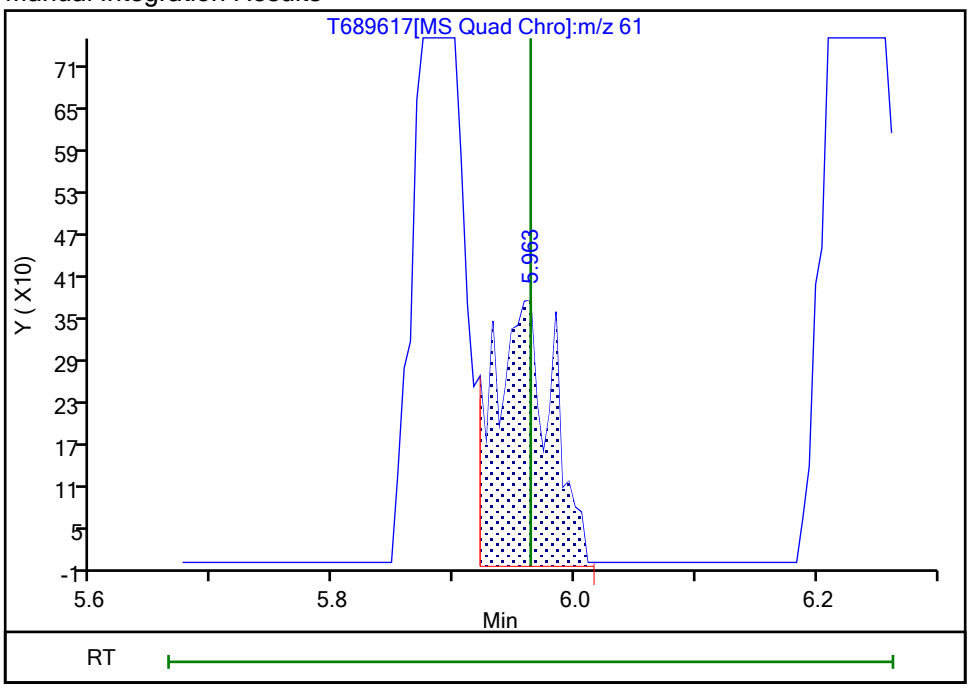
Processing Integration Results

RT: 5.96
Area: 642
Amount: 0.441104
Amount Units: ug/l



Manual Integration Results

RT: 5.96
Area: 1264
Amount: 0.818495
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:26:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

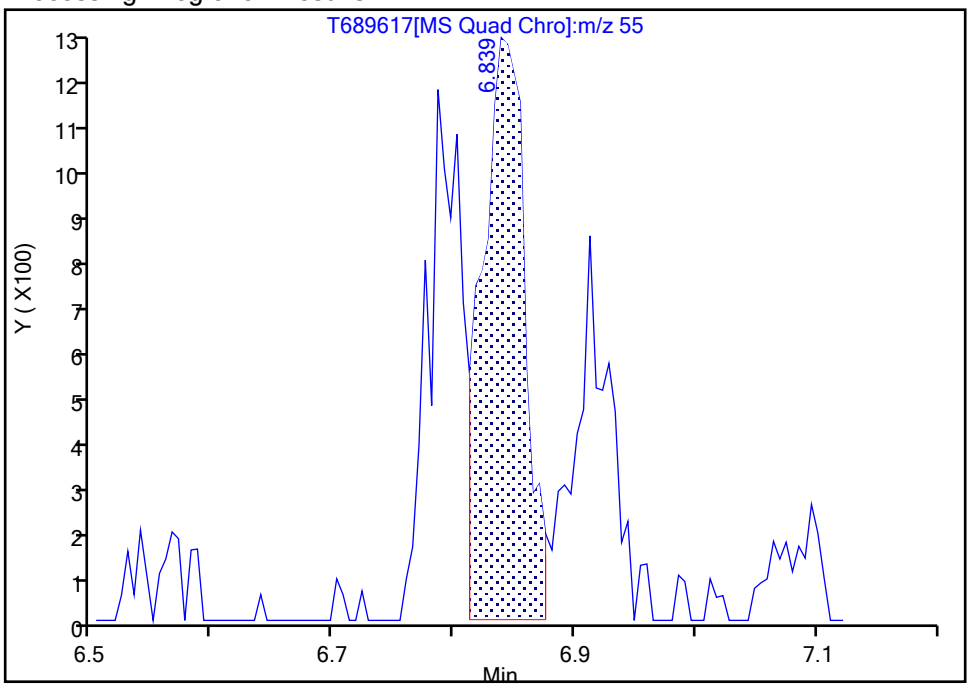
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

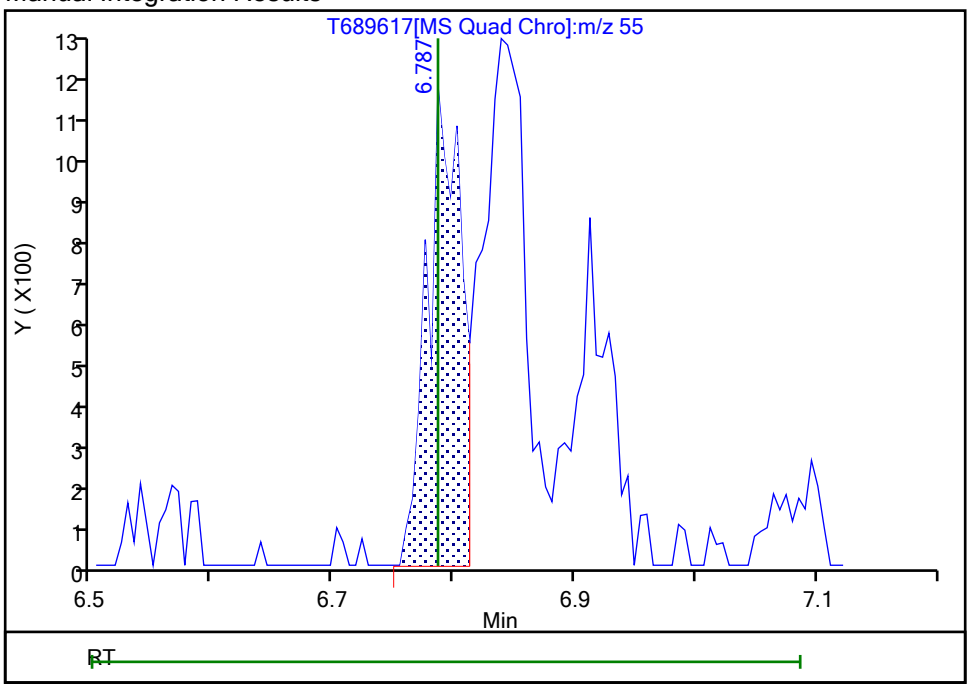
Processing Integration Results

RT: 6.84
Area: 3241
Amount: 0.892500
Amount Units: ug/l



Manual Integration Results

RT: 6.79
Area: 2301
Amount: 0.657976
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:43:59 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

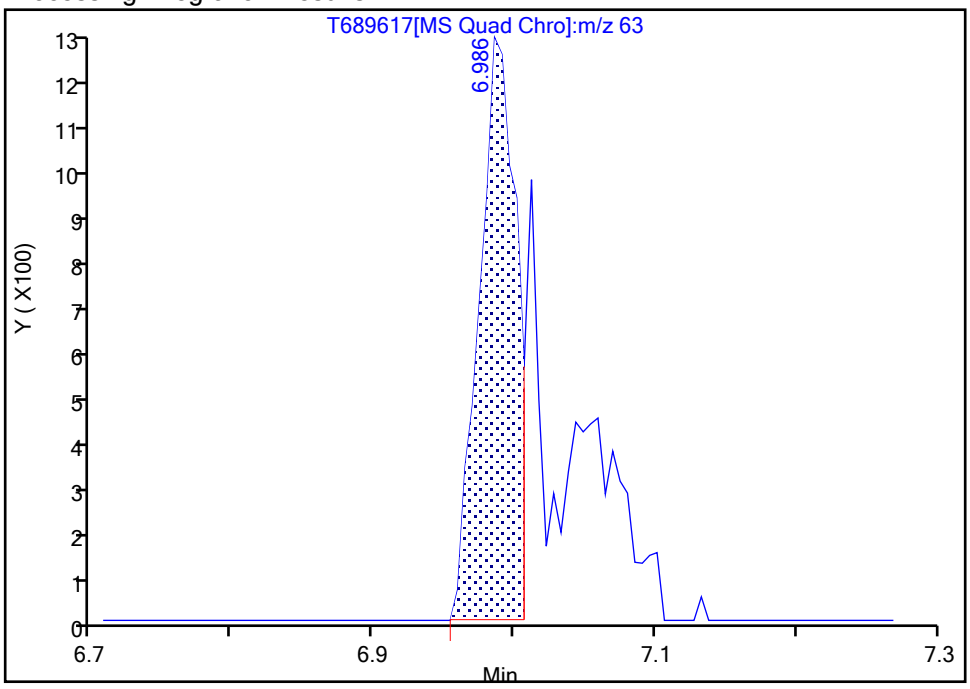
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

71 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

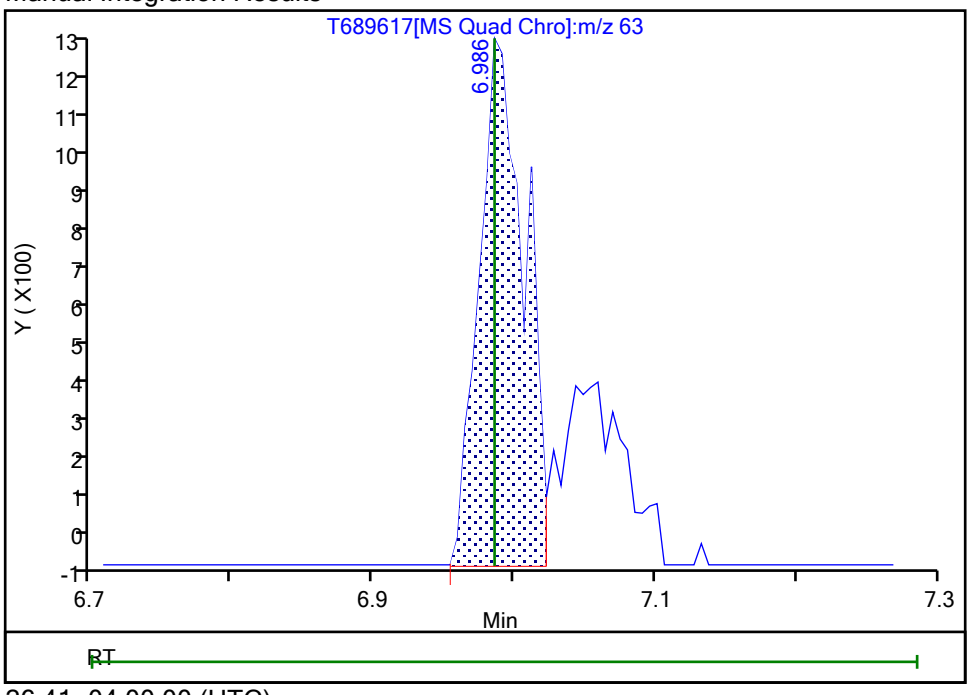
Processing Integration Results

RT: 6.99
Area: 2342
Amount: 0.752202
Amount Units: ug/l



Manual Integration Results

RT: 6.99
Area: 2848
Amount: 0.896507
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:26:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

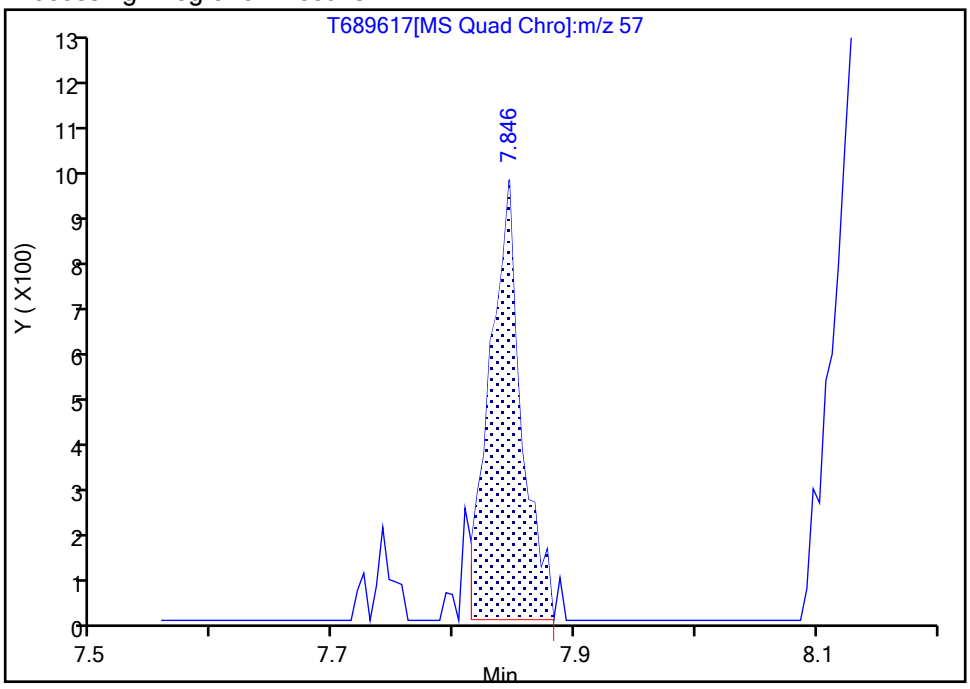
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

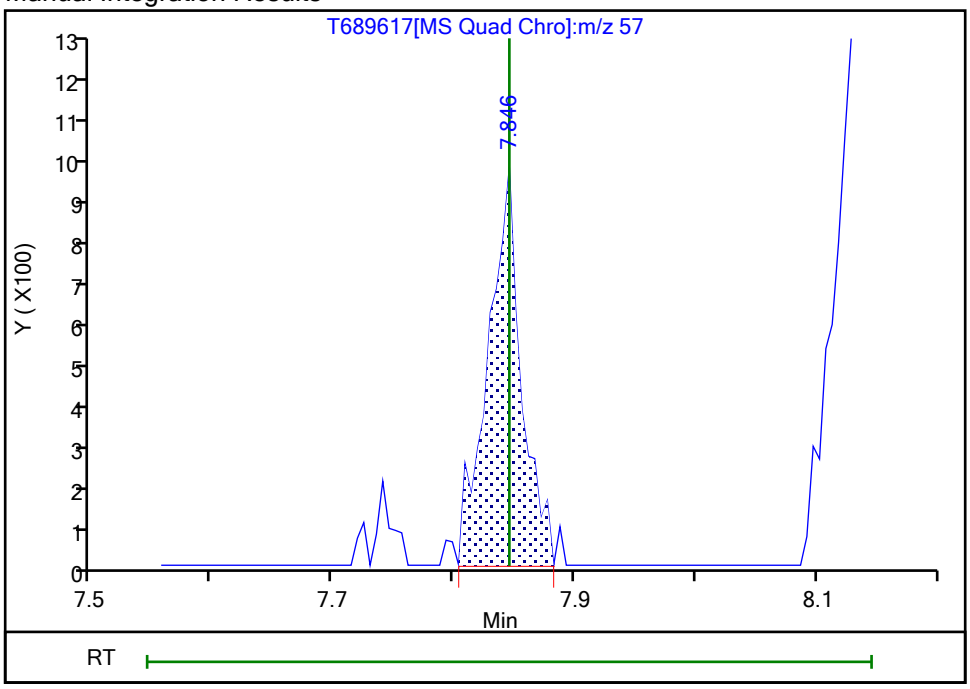
Processing Integration Results

RT: 7.85
Area: 1785
Amount: 10.170191
Amount Units: ug/l



Manual Integration Results

RT: 7.85
Area: 1863
Amount: 10.614798
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:45:03 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

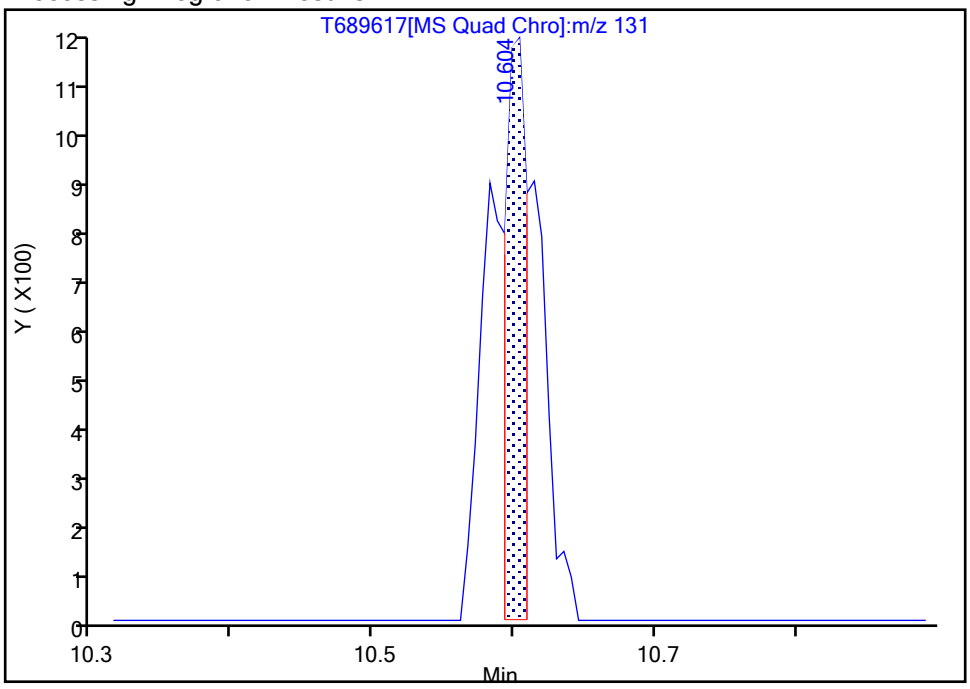
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

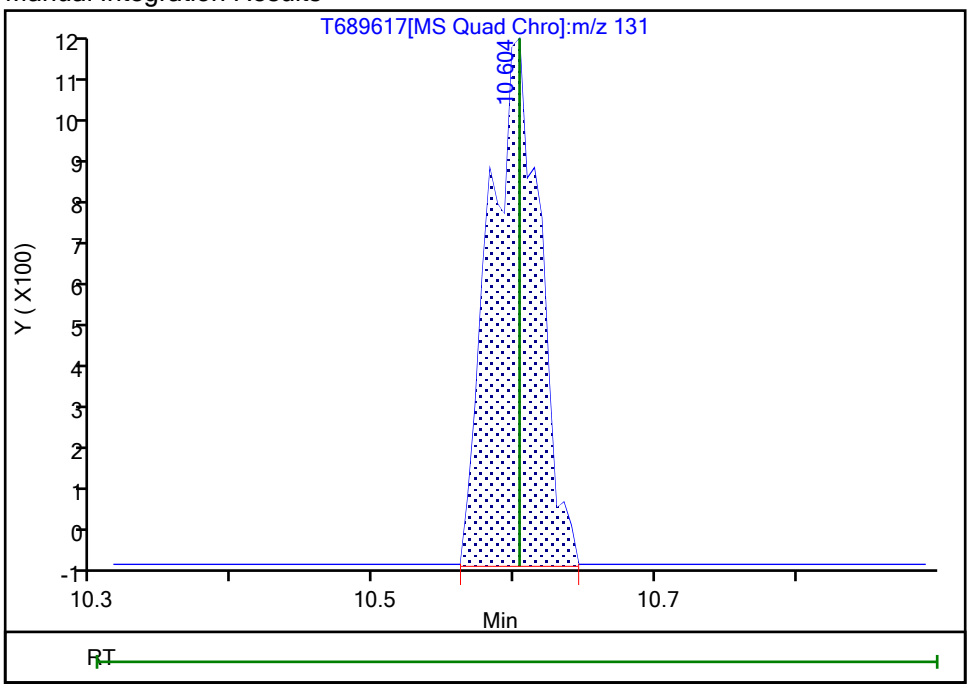
Processing Integration Results

RT: 10.60
Area: 1258
Amount: 0.352582
Amount Units: ug/l



Manual Integration Results

RT: 10.60
Area: 2940
Amount: 0.772008
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:46:15 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

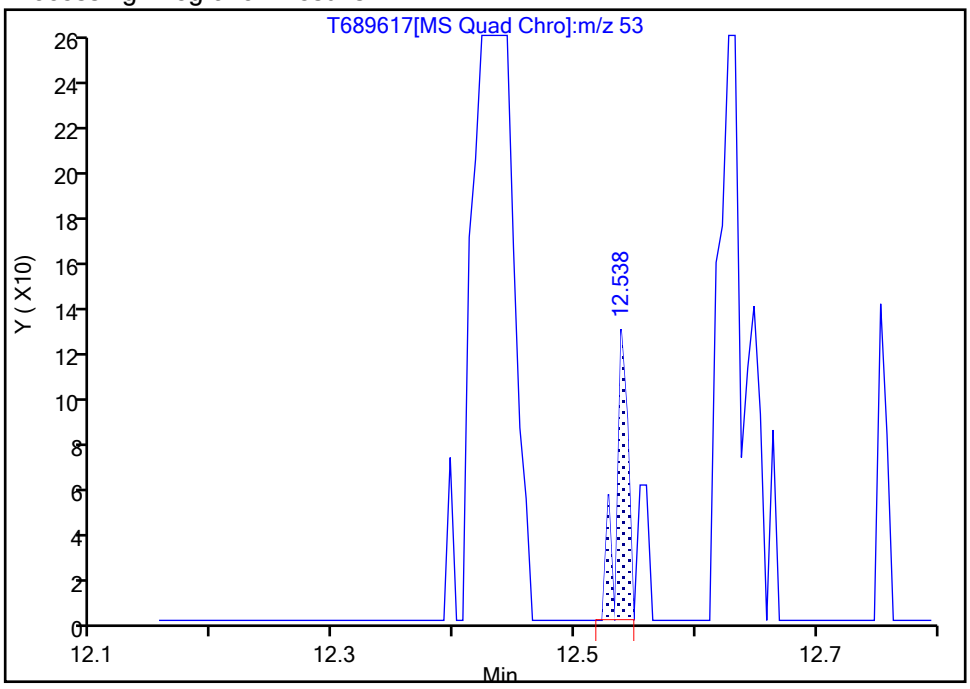
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

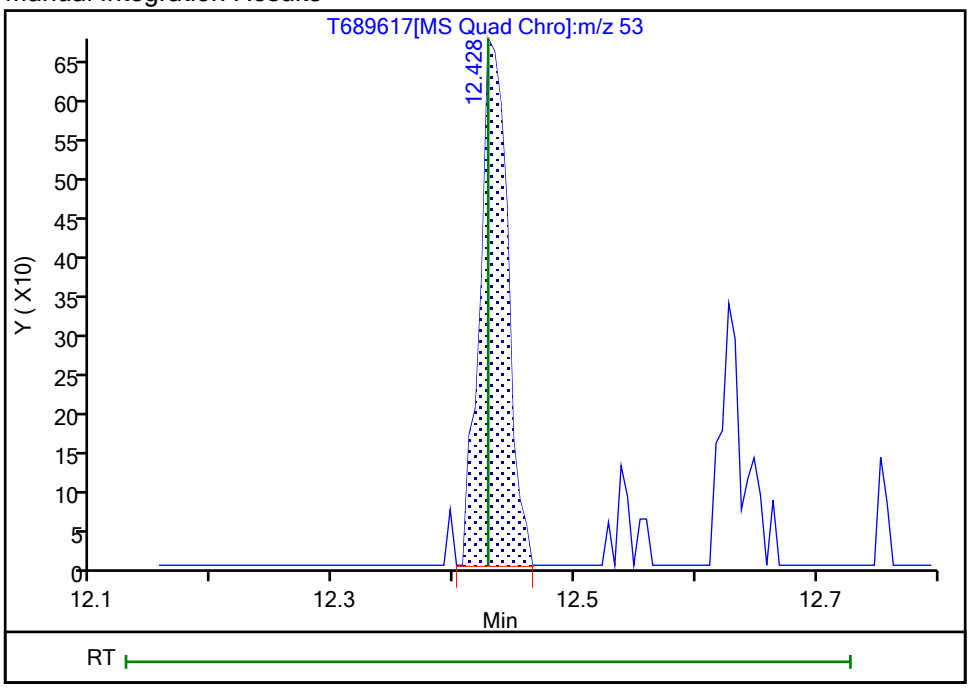
Processing Integration Results

RT: 12.54
Area: 85
Amount: 0.093229
Amount Units: ug/l



Manual Integration Results

RT: 12.43
Area: 1074
Amount: 0.869081
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:18:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

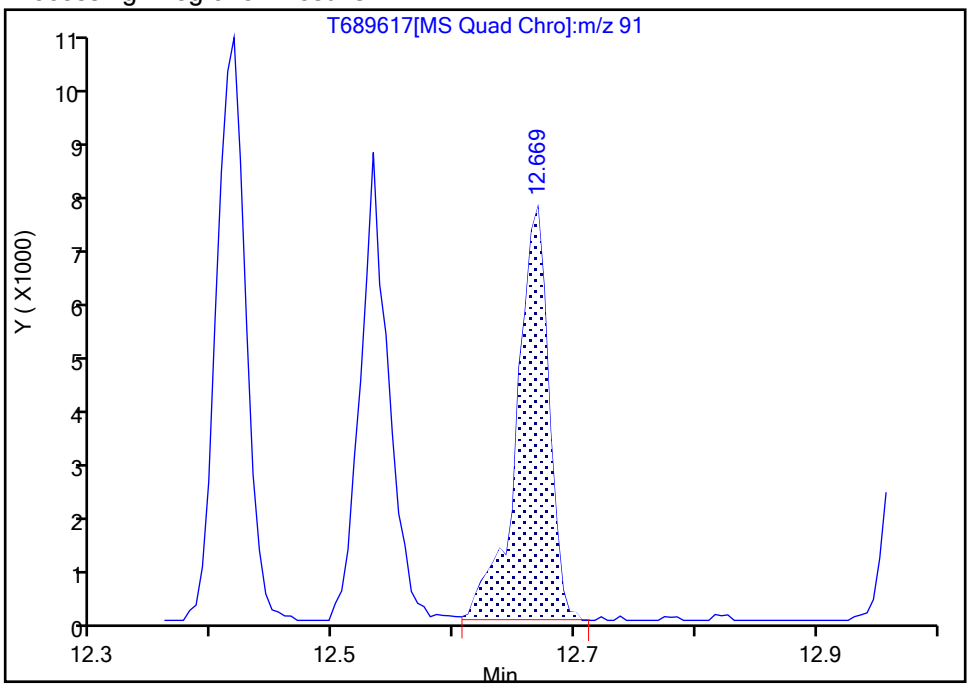
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

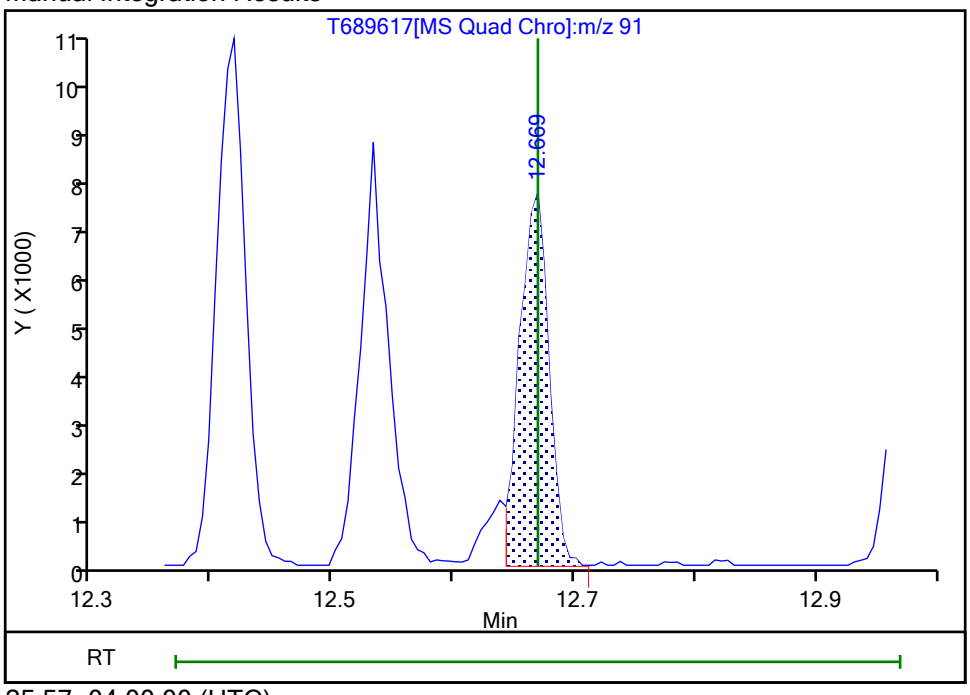
Processing Integration Results

RT: 12.67
Area: 13511
Amount: 0.968149
Amount Units: ug/l



Manual Integration Results

RT: 12.67
Area: 12132
Amount: 0.881782
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:25:57 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison

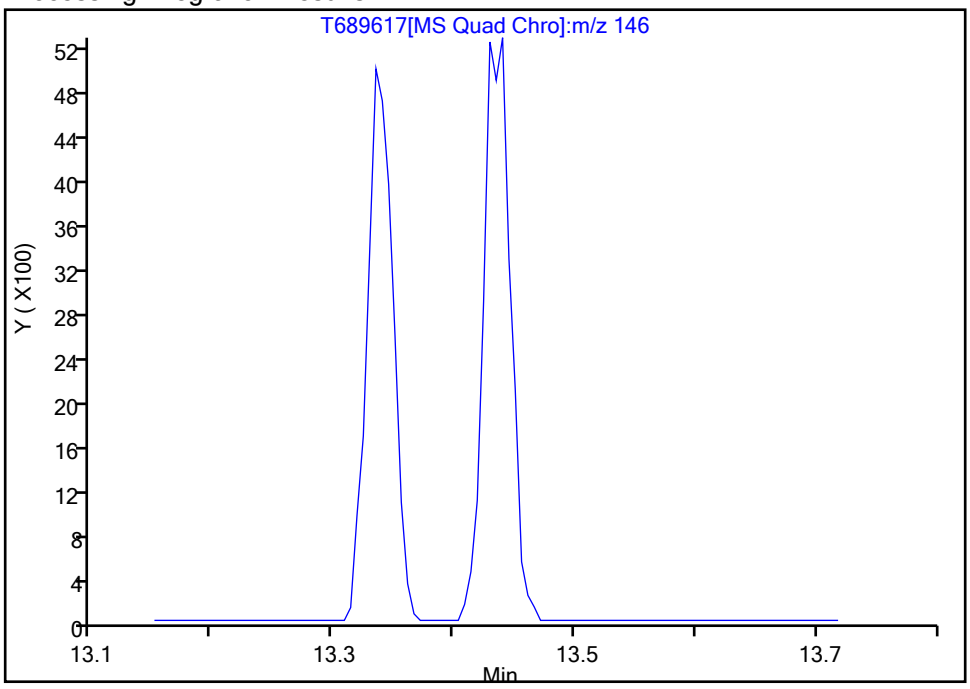
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

121 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

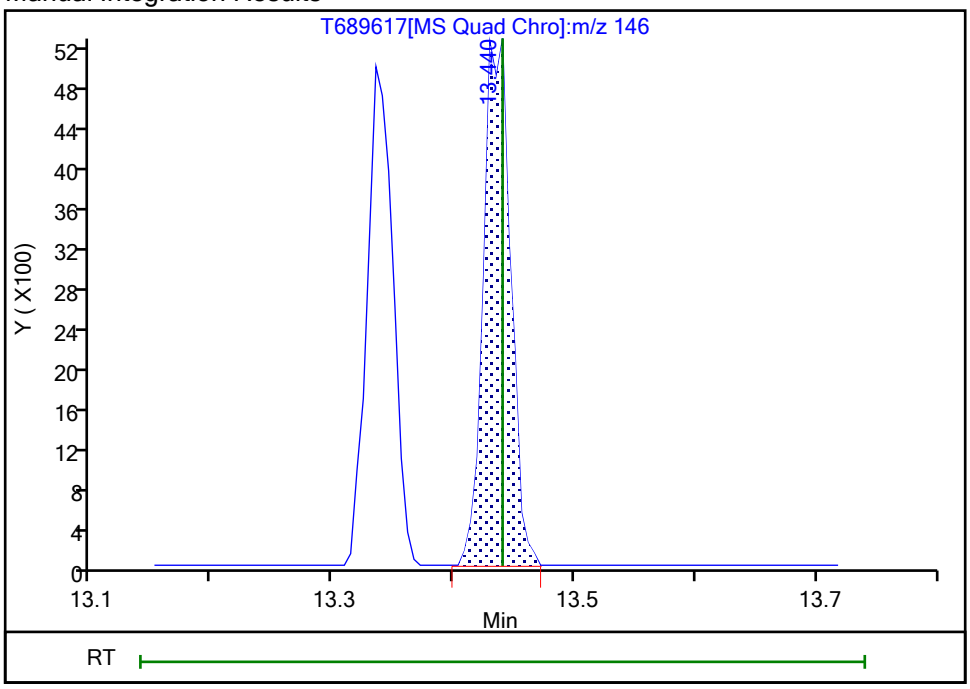
Not Detected
Expected RT: 13.44

Processing Integration Results



Manual Integration Results

RT: 13.44
Area: 8149
Amount: 0.982869
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:17:19 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

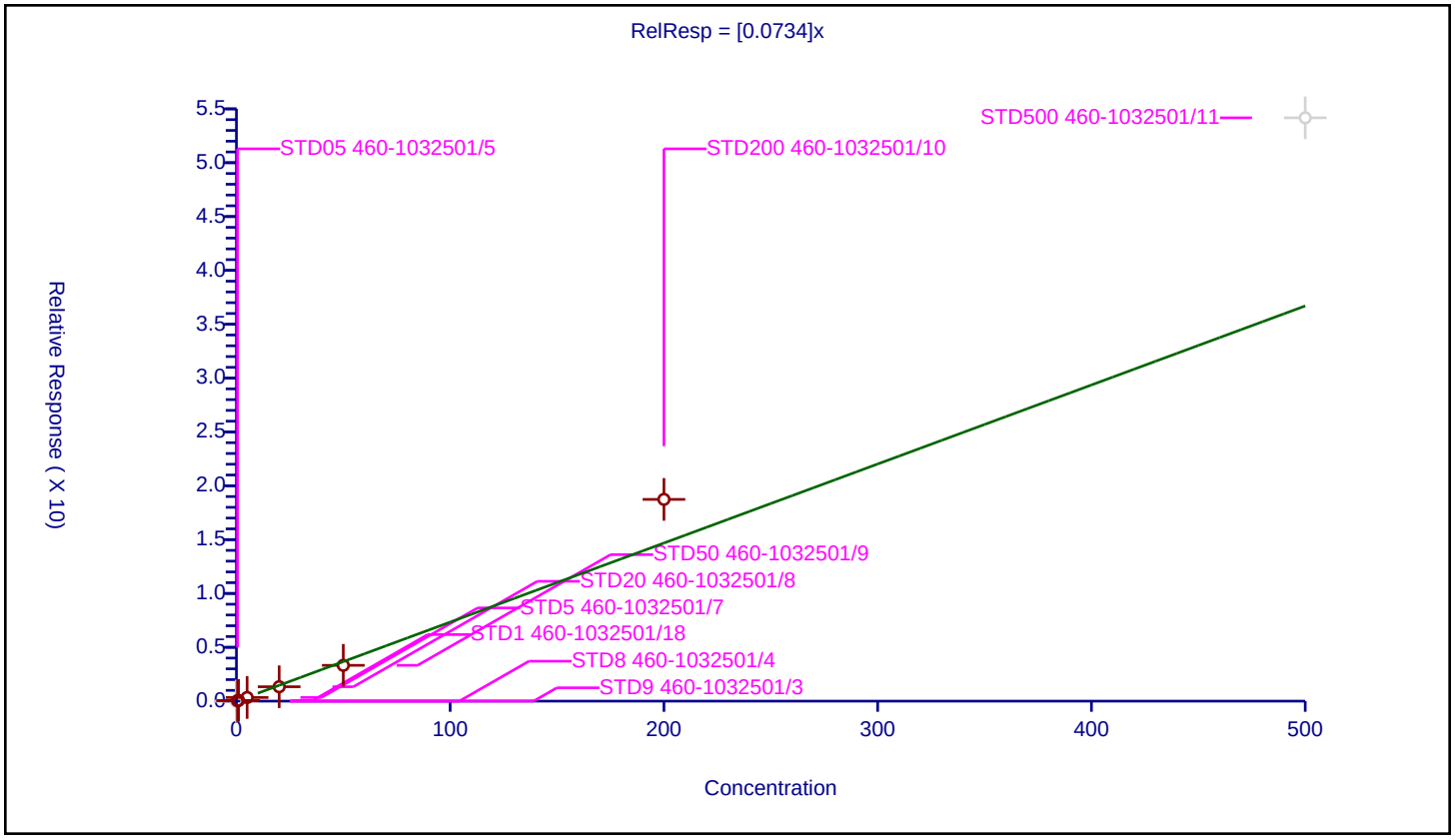
Curve Coefficients

Intercept:	0
Slope:	0.0734

Error Coefficients

Relative Standard Deviation:	15.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.0	0.0	50.0	505169.0	NaN	N
2	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
3	STD05 460-1032501/5	0.5	0.039554	50.0	519546.0	0.079108	Y
4	STD1 460-1032501/18	1.0	0.06661	50.0	484909.0	0.06661	Y
5	STD5 460-1032501/7	5.0	0.338247	50.0	512348.0	0.067649	Y
6	STD20 460-1032501/8	20.0	1.337774	50.0	531405.0	0.066889	Y
7	STD50 460-1032501/9	50.0	3.324281	50.0	531363.0	0.066486	Y
8	STD200 460-1032501/10	200.0	18.735428	50.0	540863.0	0.093677	Y
9	STD500 460-1032501/11	500.0	54.171763	50.0	550187.0	0.108344	N



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

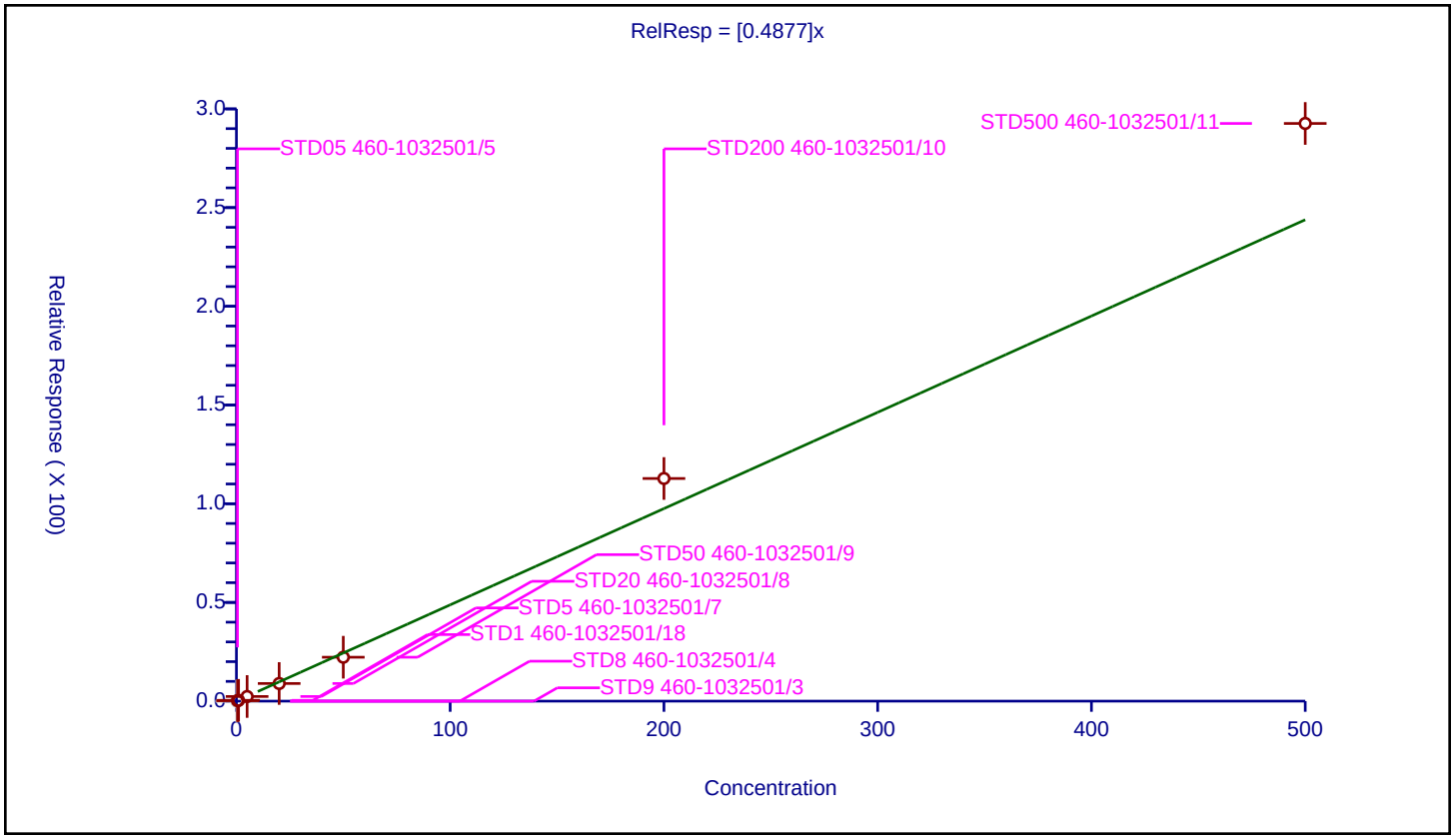
Curve Coefficients

Intercept:	0
Slope:	0.4877

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.0	50.0	549239.0	0.0	N
3	STD05 460-1032501/5	0.5	0.250796	50.0	519546.0	0.501592	Y
4	STD1 460-1032501/18	1.0	0.401106	50.0	484909.0	0.401106	Y
5	STD5 460-1032501/7	5.0	2.350648	50.0	512348.0	0.47013	Y
6	STD20 460-1032501/8	20.0	8.93838	50.0	531405.0	0.446919	Y
7	STD50 460-1032501/9	50.0	22.238187	50.0	531363.0	0.444764	Y
8	STD200 460-1032501/10	200.0	112.77782	50.0	540863.0	0.563889	Y
9	STD500 460-1032501/11	500.0	292.623417	50.0	550187.0	0.585247	Y



Calibration / Chlorodifluoromethane

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

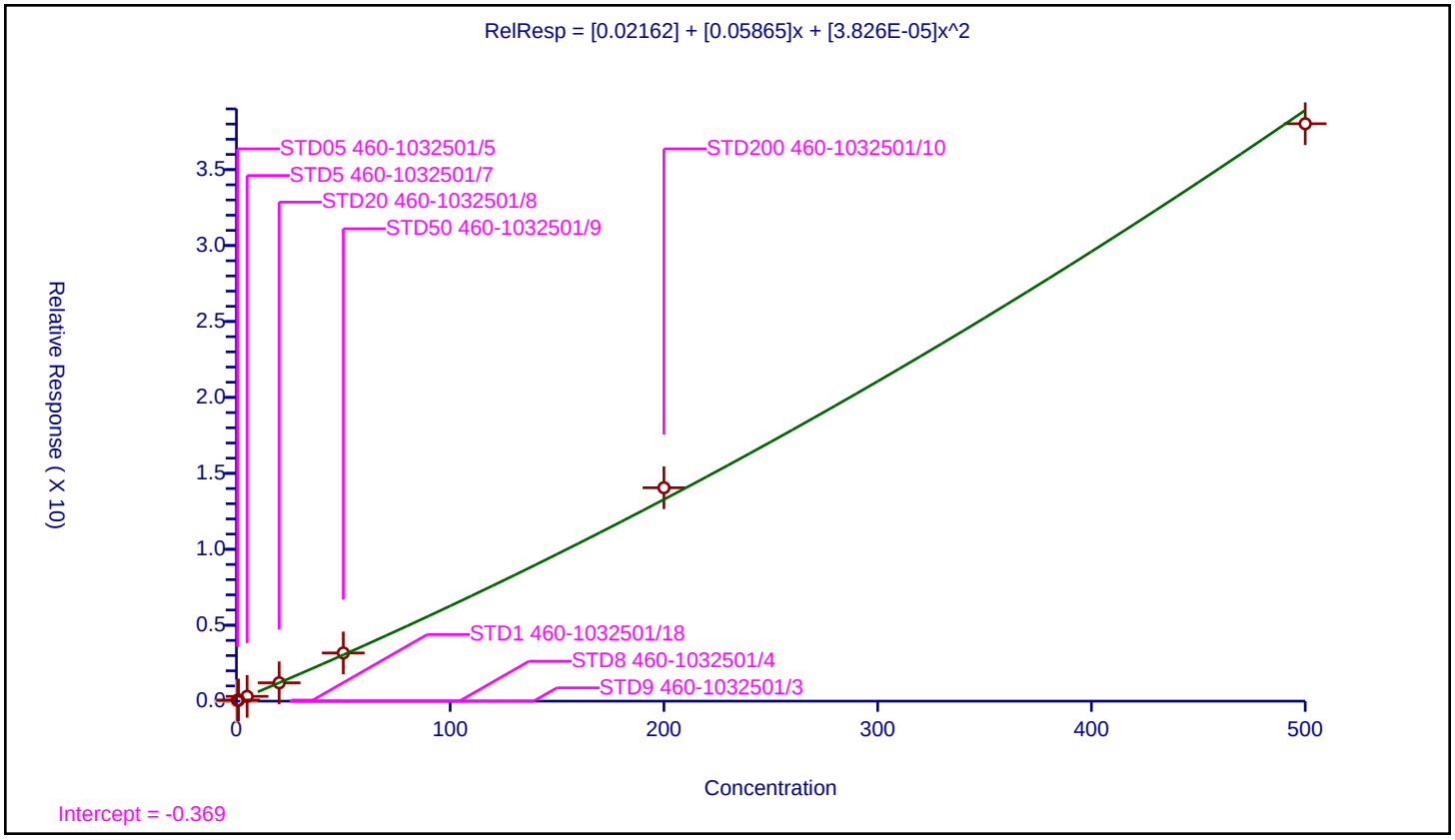
Curve Coefficients

Intercept:	0.02162
Slope:	0.05865
Second Order:	3.826E-05

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.0	0.0	50.0	505169.0	NaN	N
2	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
3	STD05 460-1032501/5	0.5	0.05322	50.0	519546.0	0.106439	Y
4	STD1 460-1032501/18	1.0	0.071147	50.0	484909.0	0.071147	Y
5	STD5 460-1032501/7	5.0	0.316094	50.0	512348.0	0.063219	Y
6	STD20 460-1032501/8	20.0	1.210094	50.0	531405.0	0.060505	Y
7	STD50 460-1032501/9	50.0	3.173349	50.0	531363.0	0.063467	Y
8	STD200 460-1032501/10	200.0	14.053651	50.0	540863.0	0.070268	Y
9	STD500 460-1032501/11	500.0	38.023708	50.0	550187.0	0.076047	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

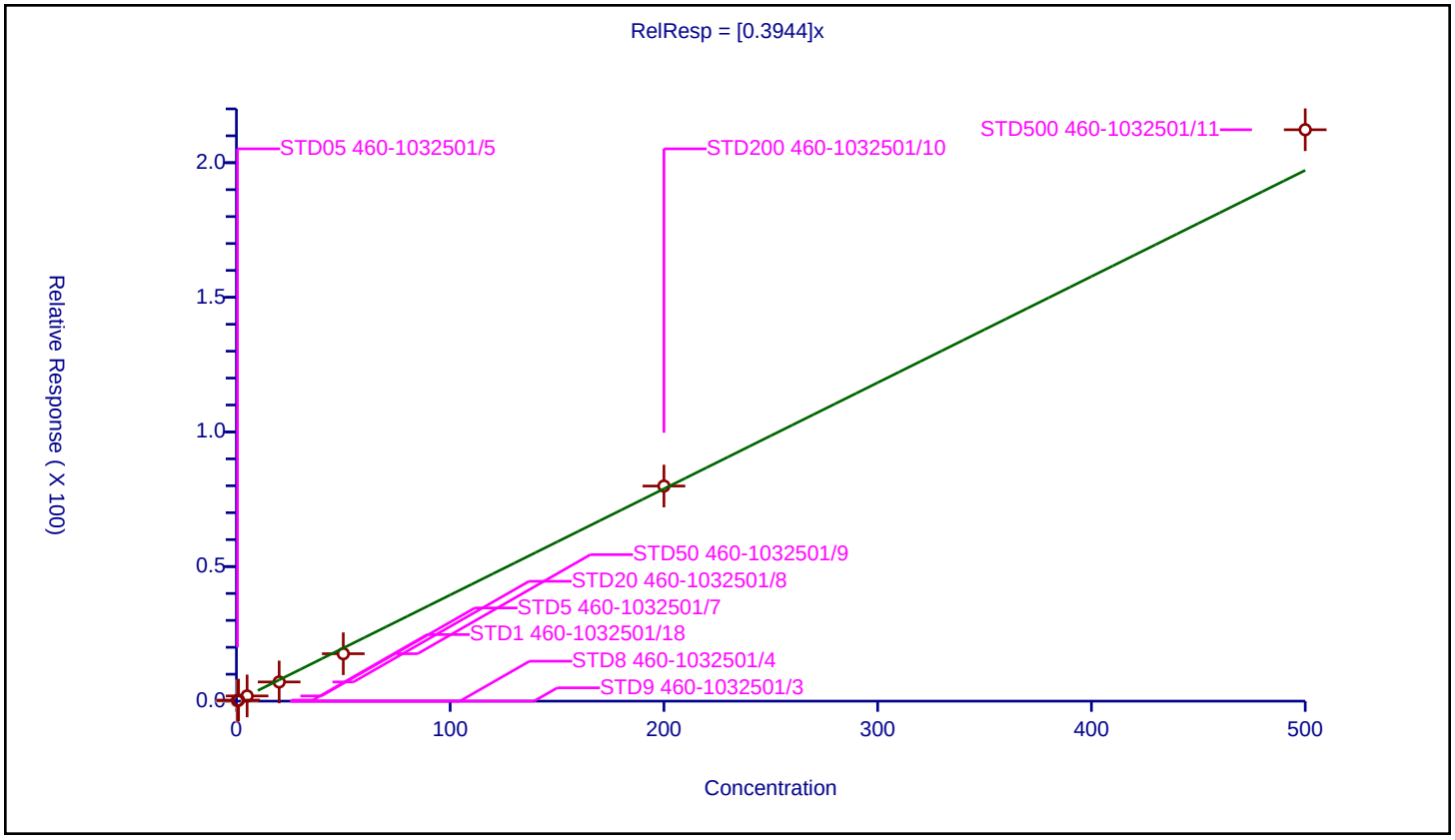
Curve Coefficients

Intercept:	0
Slope:	0.3944

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.0	50.0	549239.0	0.0	N
3	STD05 460-1032501/5	0.5	0.227218	50.0	519546.0	0.454435	Y
4	STD1 460-1032501/18	1.0	0.386567	50.0	484909.0	0.386567	Y
5	STD5 460-1032501/7	5.0	1.933061	50.0	512348.0	0.386612	Y
6	STD20 460-1032501/8	20.0	7.132978	50.0	531405.0	0.356649	Y
7	STD50 460-1032501/9	50.0	17.611125	50.0	531363.0	0.352222	Y
8	STD200 460-1032501/10	200.0	79.910624	50.0	540863.0	0.399553	Y
9	STD500 460-1032501/11	500.0	212.253016	50.0	550187.0	0.424506	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

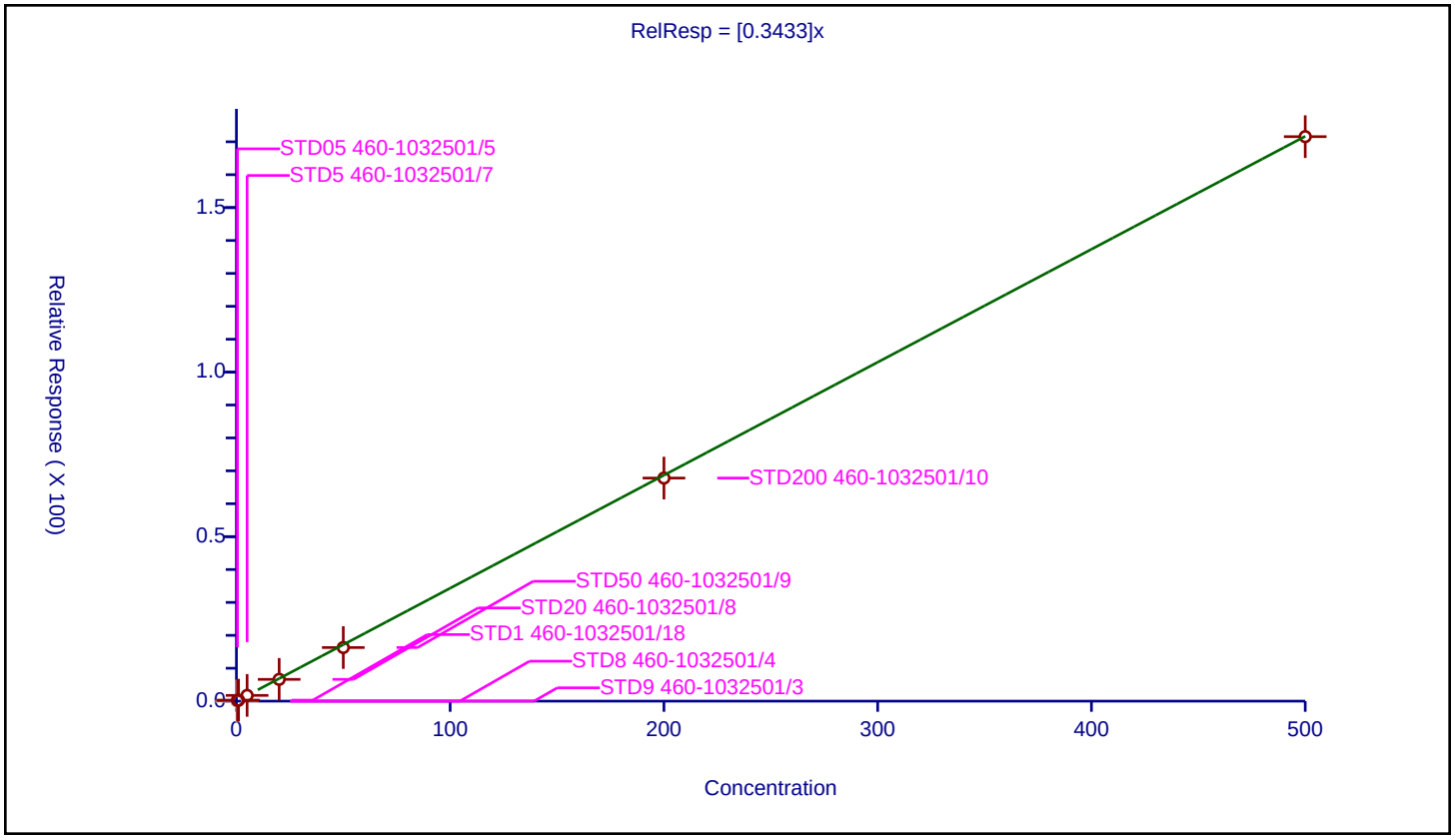
Curve Coefficients

Intercept:	0
Slope:	0.3433

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.0	50.0	549239.0	0.0	N
3	STD05 460-1032501/5	0.5	0.211723	50.0	519546.0	0.423447	Y
4	STD1 460-1032501/18	1.0	0.292426	50.0	484909.0	0.292426	Y
5	STD5 460-1032501/7	5.0	1.743737	50.0	512348.0	0.348747	Y
6	STD20 460-1032501/8	20.0	6.61614	50.0	531405.0	0.330807	Y
7	STD50 460-1032501/9	50.0	16.291405	50.0	531363.0	0.325828	Y
8	STD200 460-1032501/10	200.0	67.801181	50.0	540863.0	0.339006	Y
9	STD500 460-1032501/11	500.0	171.56794	50.0	550187.0	0.343136	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

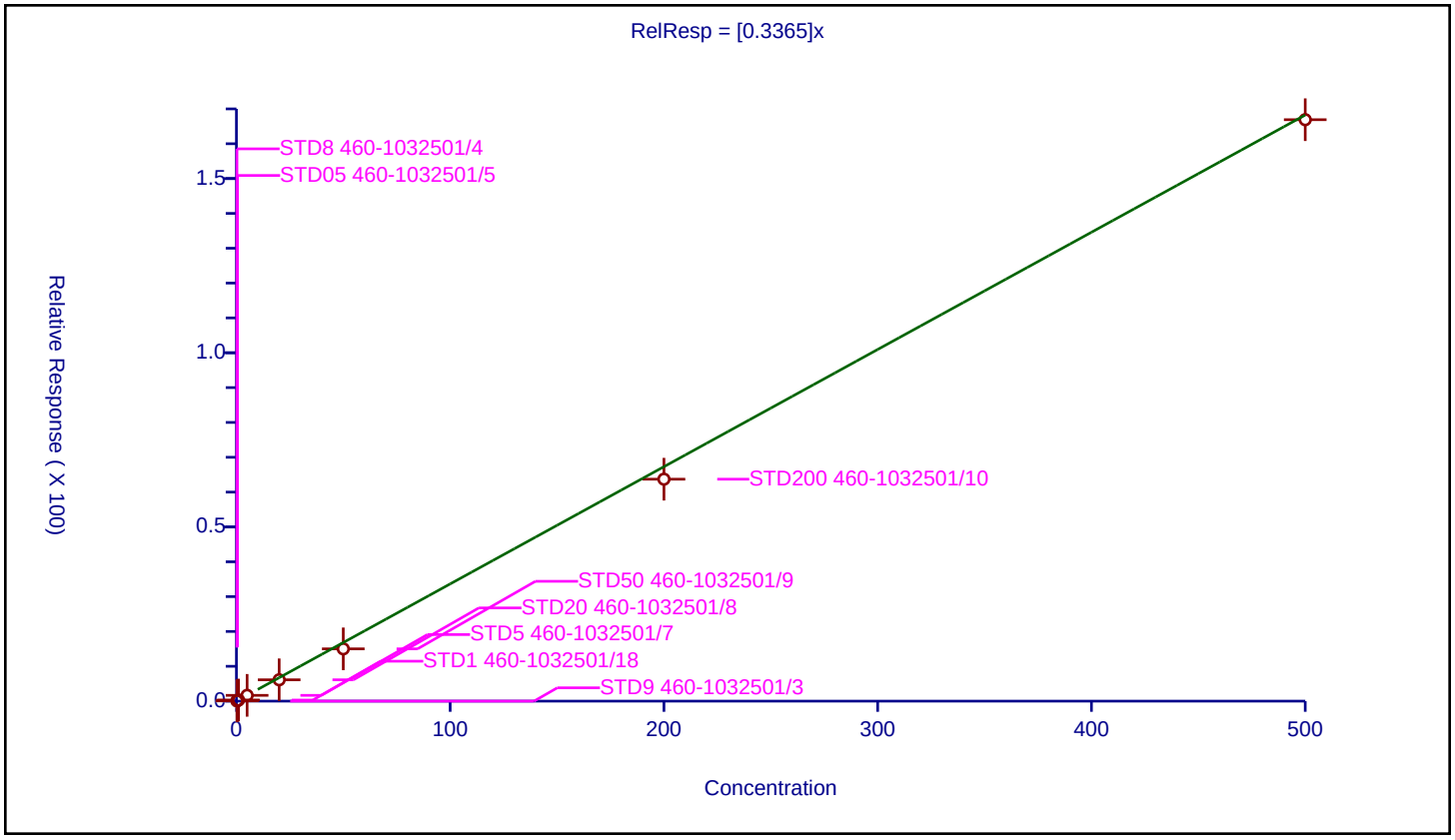
Curve Coefficients

Intercept:	0
Slope:	0.3365

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.086756	50.0	549239.0	0.347026	Y
3	STD05 460-1032501/5	0.5	0.220673	50.0	519546.0	0.441347	Y
4	STD1 460-1032501/18	1.0	0.31212	50.0	484909.0	0.31212	Y
5	STD5 460-1032501/7	5.0	1.661273	50.0	512348.0	0.332255	Y
6	STD20 460-1032501/8	20.0	6.128659	50.0	531405.0	0.306433	Y
7	STD50 460-1032501/9	50.0	15.008384	50.0	531363.0	0.300168	Y
8	STD200 460-1032501/10	200.0	63.713916	50.0	540863.0	0.31857	Y
9	STD500 460-1032501/11	500.0	166.897618	50.0	550187.0	0.333795	Y



Calibration / Bromomethane

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

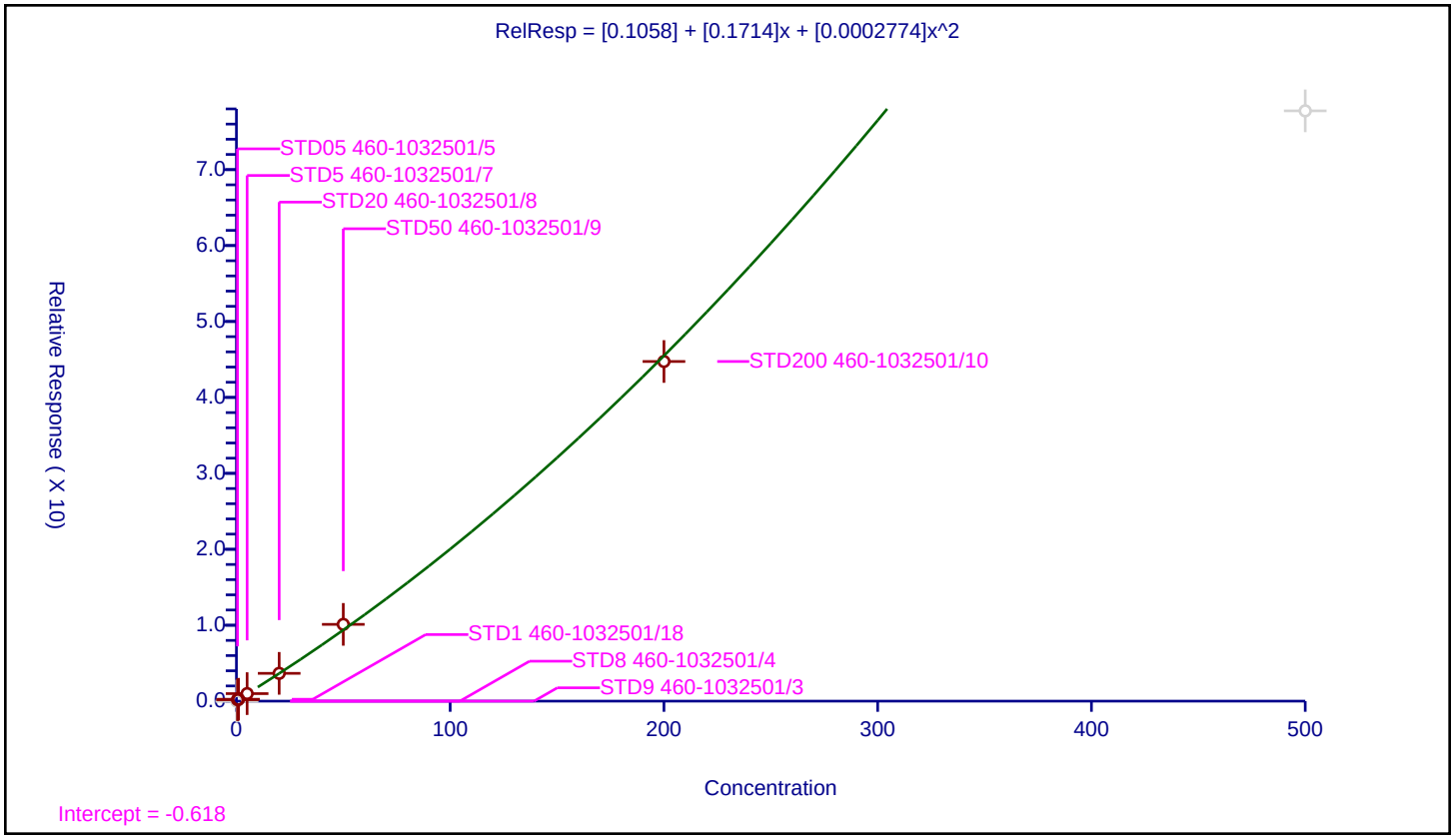
Curve Coefficients

Intercept:	0.1058
Slope:	0.1714
Second Order:	0.0002774

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.0	50.0	549239.0	0.0	N
3	STD05 460-1032501/5	0.5	0.198924	50.0	519546.0	0.397847	Y
4	STD1 460-1032501/18	1.0	0.247057	50.0	484909.0	0.247057	Y
5	STD5 460-1032501/7	5.0	0.99005	50.0	512348.0	0.19801	Y
6	STD20 460-1032501/8	20.0	3.658979	50.0	531405.0	0.182949	Y
7	STD50 460-1032501/9	50.0	10.110226	50.0	531363.0	0.202205	Y
8	STD200 460-1032501/10	200.0	44.7324	50.0	540863.0	0.223662	Y
9	STD500 460-1032501/11	500.0	77.740659	50.0	550187.0	0.155481	N



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

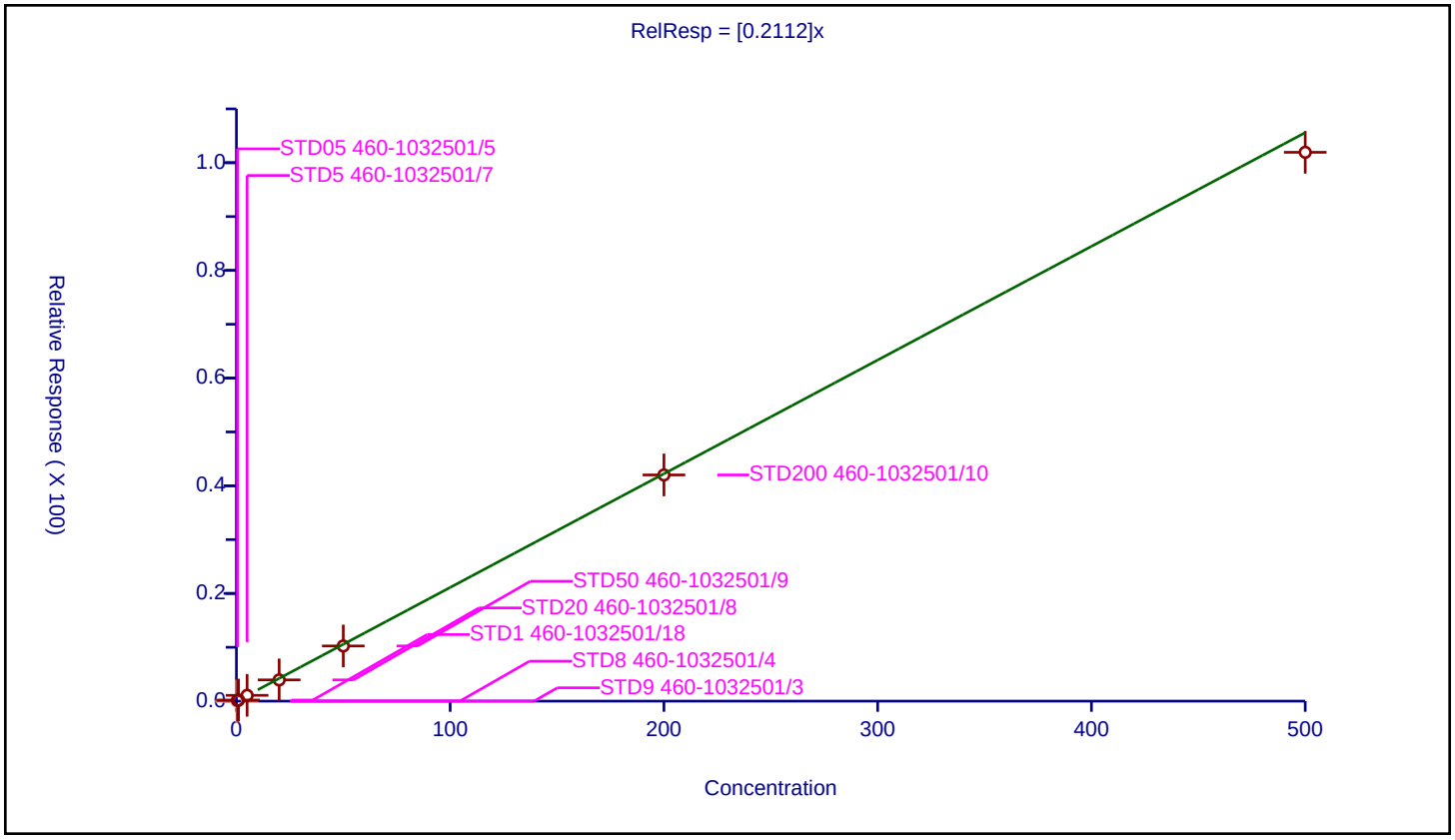
Curve Coefficients

Intercept:	0
Slope:	0.2112

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.0	50.0	549239.0	0.0	N
3	STD05 460-1032501/5	0.5	0.123954	50.0	519546.0	0.247909	Y
4	STD1 460-1032501/18	1.0	0.199419	50.0	484909.0	0.199419	Y
5	STD5 460-1032501/7	5.0	1.073977	50.0	512348.0	0.214795	Y
6	STD20 460-1032501/8	20.0	3.943979	50.0	531405.0	0.197199	Y
7	STD50 460-1032501/9	50.0	10.249208	50.0	531363.0	0.204984	Y
8	STD200 460-1032501/10	200.0	42.011655	50.0	540863.0	0.210058	Y
9	STD500 460-1032501/11	500.0	101.93616	50.0	550187.0	0.203872	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

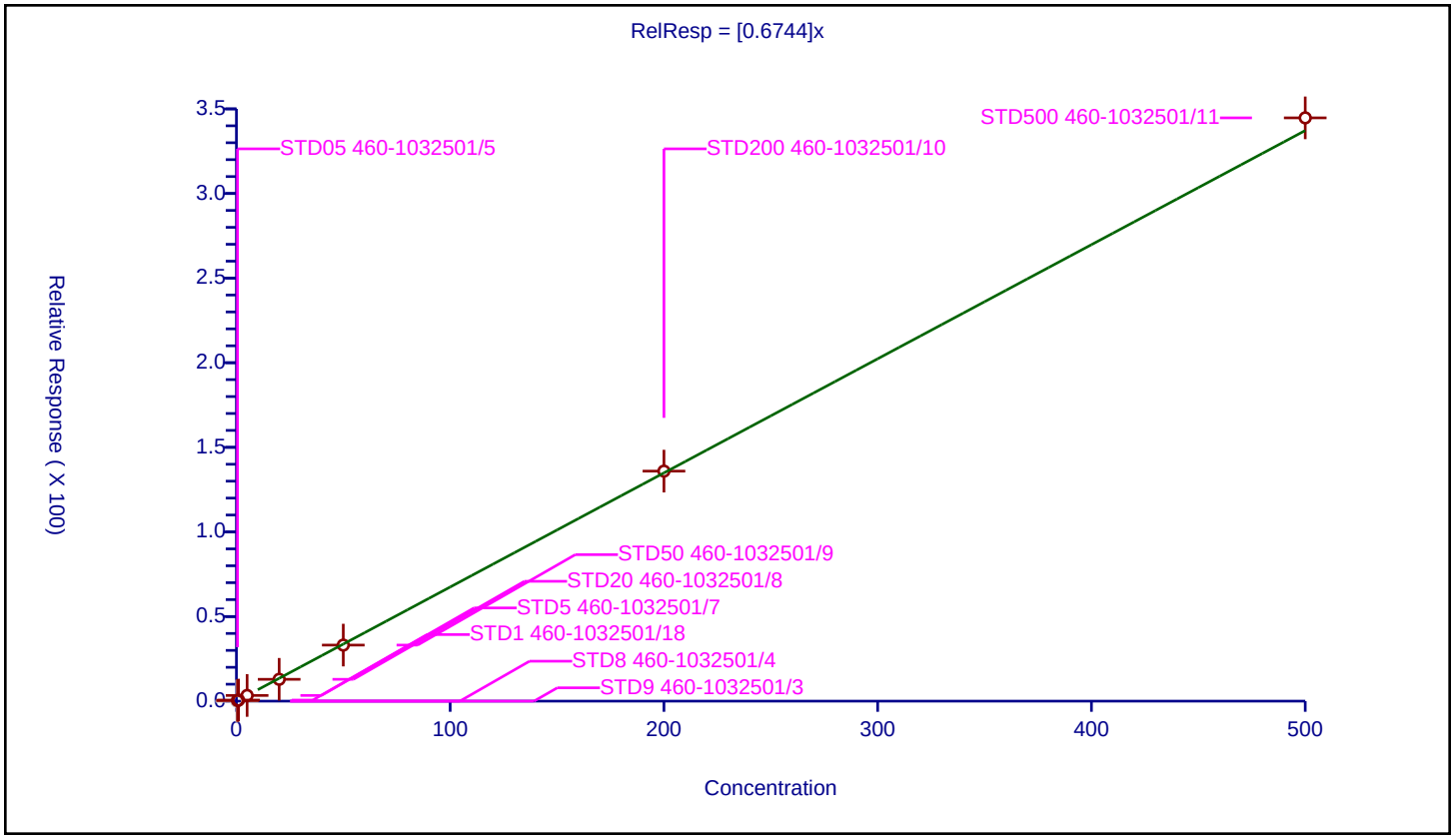
Curve Coefficients

Intercept:	0
Slope:	0.6744

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.0	50.0	549239.0	0.0	N
3	STD05 460-1032501/5	0.5	0.37398	50.0	519546.0	0.747961	Y
4	STD1 460-1032501/18	1.0	0.623003	50.0	484909.0	0.623003	Y
5	STD5 460-1032501/7	5.0	3.367633	50.0	512348.0	0.673527	Y
6	STD20 460-1032501/8	20.0	12.896096	50.0	531405.0	0.644805	Y
7	STD50 460-1032501/9	50.0	33.117473	50.0	531363.0	0.662349	Y
8	STD200 460-1032501/10	200.0	135.942743	50.0	540863.0	0.679714	Y
9	STD500 460-1032501/11	500.0	344.700802	50.0	550187.0	0.689402	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

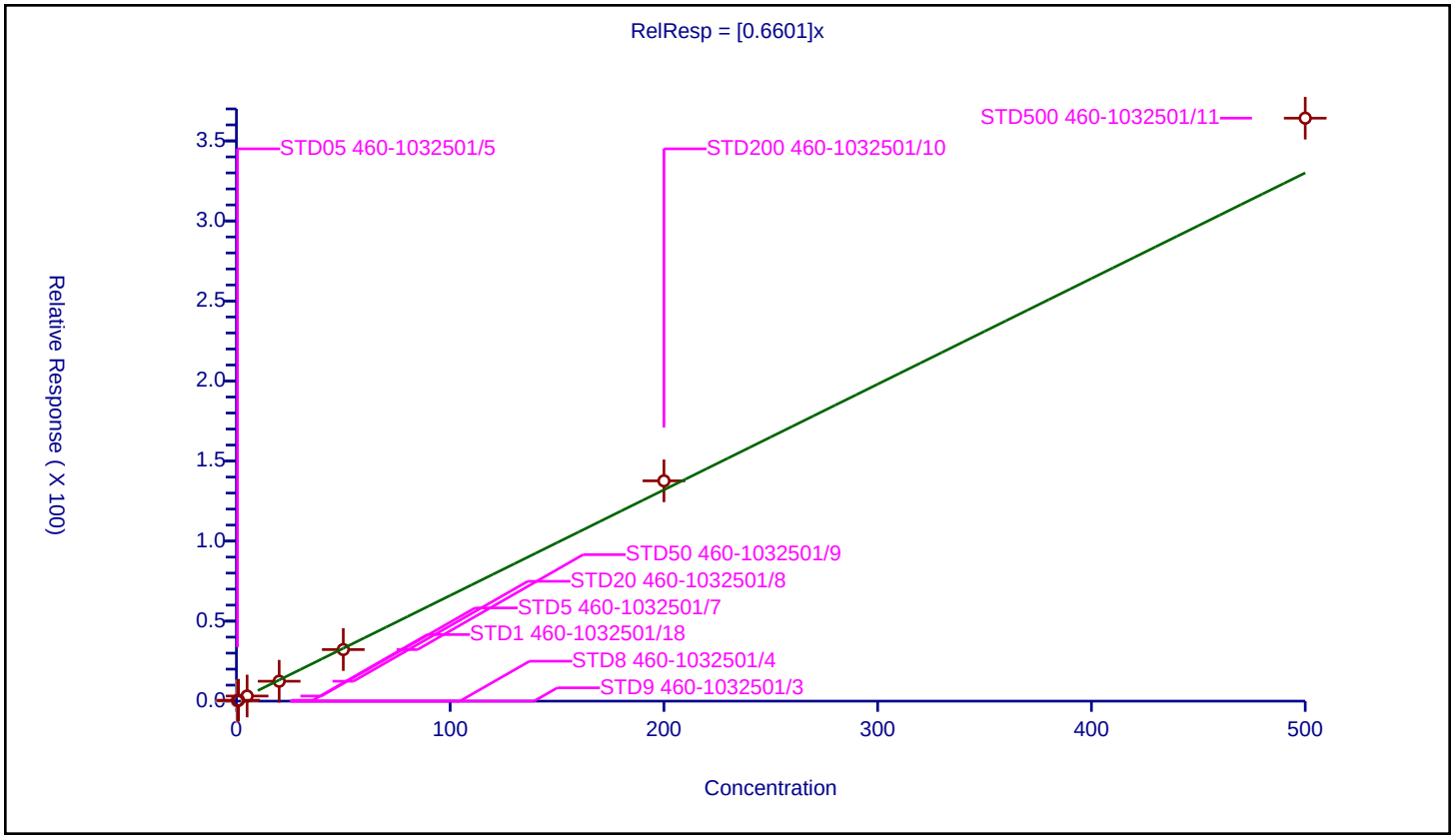
Curve Coefficients

Intercept:	0
Slope:	0.6601

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.0	50.0	549239.0	0.0	N
3	STD05 460-1032501/5	0.5	0.358967	50.0	519546.0	0.717935	Y
4	STD1 460-1032501/18	1.0	0.578459	50.0	484909.0	0.578459	Y
5	STD5 460-1032501/7	5.0	3.204755	50.0	512348.0	0.640951	Y
6	STD20 460-1032501/8	20.0	12.440041	50.0	531405.0	0.622002	Y
7	STD50 460-1032501/9	50.0	32.224299	50.0	531363.0	0.644486	Y
8	STD200 460-1032501/10	200.0	137.626072	50.0	540863.0	0.68813	Y
9	STD500 460-1032501/11	500.0	364.217257	50.0	550187.0	0.728435	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

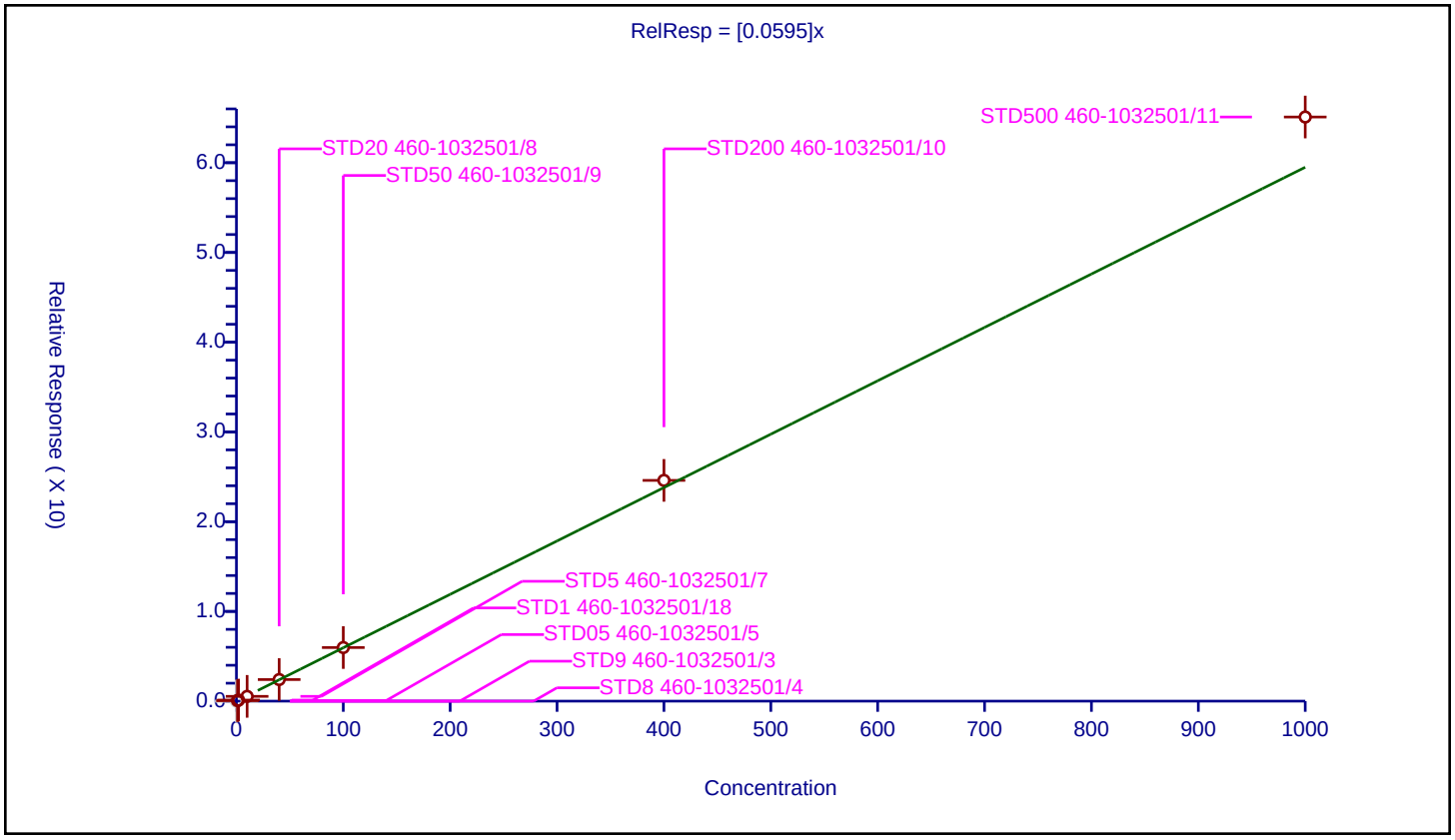
Curve Coefficients

Intercept:	0
Slope:	0.0595

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.4	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	1.0	0.057646	50.0	519546.0	0.057646	Y
4	STD1 460-1032501/18	2.0	0.117857	50.0	484909.0	0.058929	Y
5	STD5 460-1032501/7	10.0	0.53411	50.0	512348.0	0.053411	Y
6	STD20 460-1032501/8	40.0	2.406545	50.0	531405.0	0.060164	Y
7	STD50 460-1032501/9	100.0	5.972753	50.0	531363.0	0.059728	Y
8	STD200 460-1032501/10	400.0	24.6005	50.0	540863.0	0.061501	Y
9	STD500 460-1032501/11	1000.0	65.093505	50.0	550187.0	0.065094	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

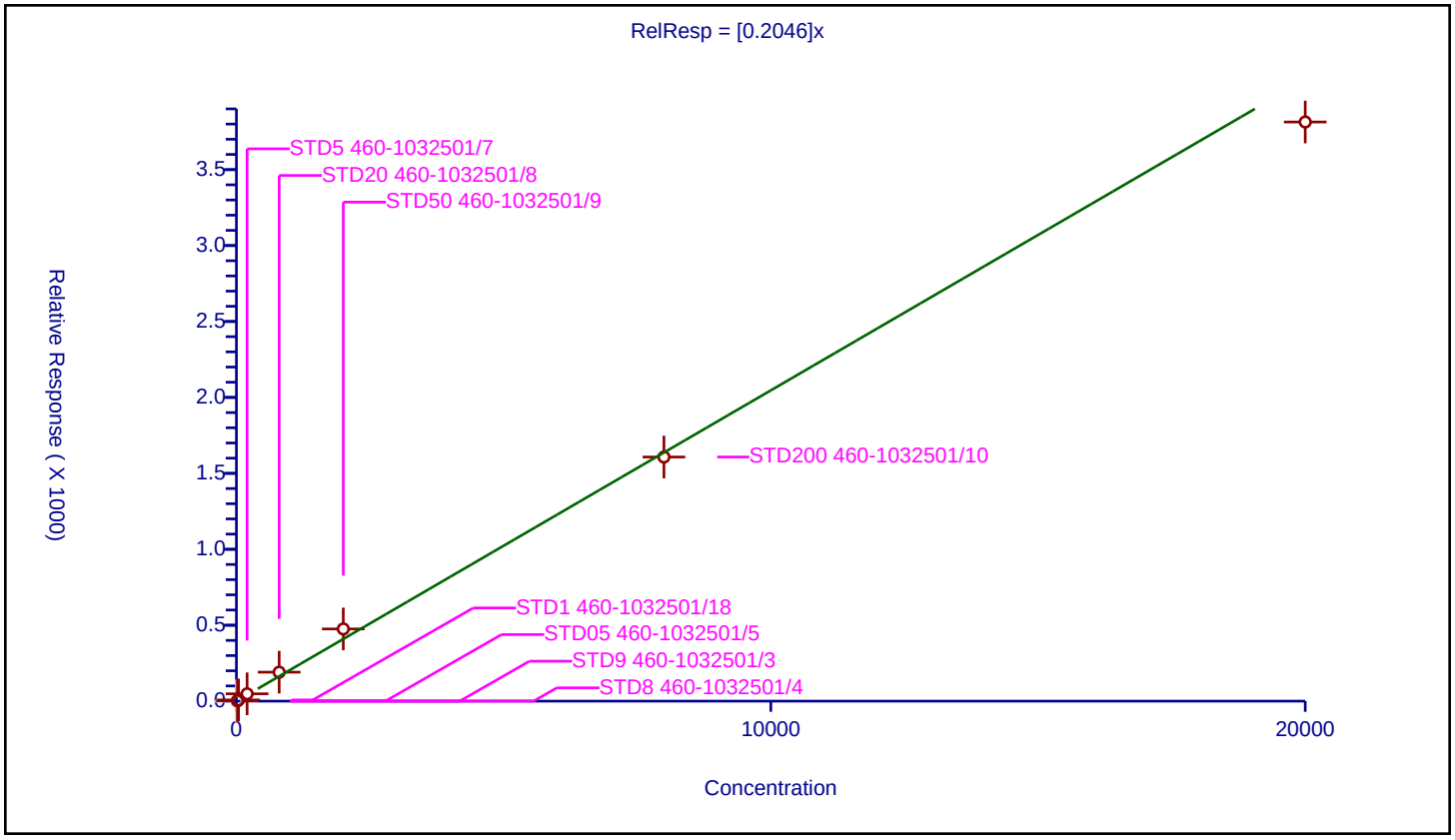
Curve Coefficients

Intercept:	0
Slope:	0.2046

Error Coefficients

Relative Standard Deviation:	19.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	1000.0	46741.0	NaN	N
2	STD9 460-1032501/3	8.0	0.0	1000.0	42347.0	0.0	N
3	STD05 460-1032501/5	20.0	2.576321	1000.0	43861.0	0.128816	Y
4	STD1 460-1032501/18	40.0	7.768181	1000.0	39134.0	0.194205	Y
5	STD5 460-1032501/7	200.0	48.317185	1000.0	47064.0	0.241586	Y
6	STD20 460-1032501/8	800.0	190.812645	1000.0	46564.0	0.238516	Y
7	STD50 460-1032501/9	2000.0	475.405254	1000.0	46514.0	0.237703	Y
8	STD200 460-1032501/10	8000.0	1607.463118	1000.0	51855.0	0.200933	Y
9	STD500 460-1032501/11	20000.0	3813.722705	1000.0	52803.0	0.190686	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

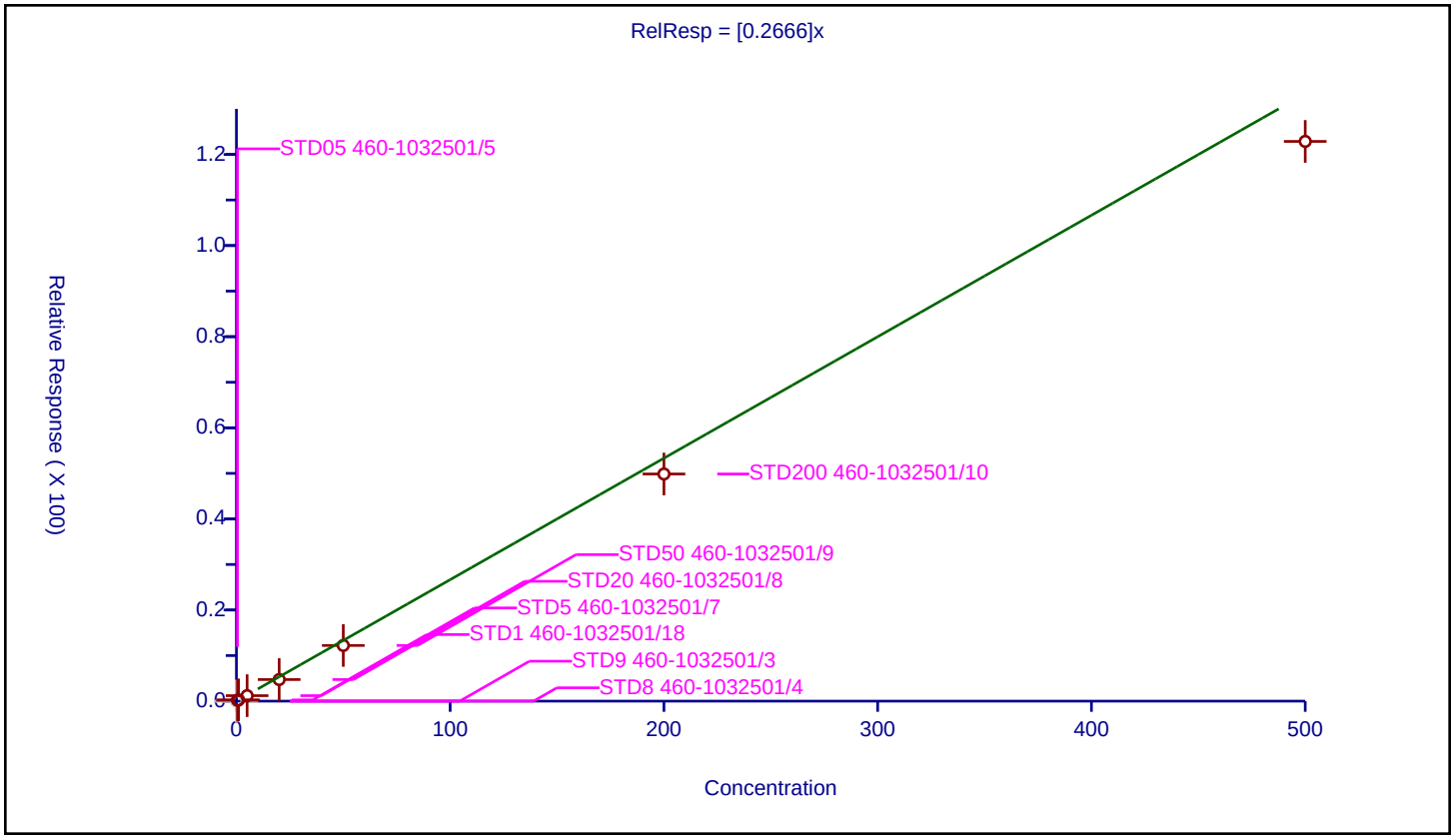
Curve Coefficients

Intercept:	0
Slope:	0.2666

Error Coefficients

Relative Standard Deviation:	20.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.193053	50.0	519546.0	0.386106	Y
4	STD1 460-1032501/18	1.0	0.264173	50.0	484909.0	0.264173	Y
5	STD5 460-1032501/7	5.0	1.198599	50.0	512348.0	0.23972	Y
6	STD20 460-1032501/8	20.0	4.73857	50.0	531405.0	0.236929	Y
7	STD50 460-1032501/9	50.0	12.221118	50.0	531363.0	0.244422	Y
8	STD200 460-1032501/10	200.0	49.862442	50.0	540863.0	0.249312	Y
9	STD500 460-1032501/11	500.0	122.860864	50.0	550187.0	0.245722	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

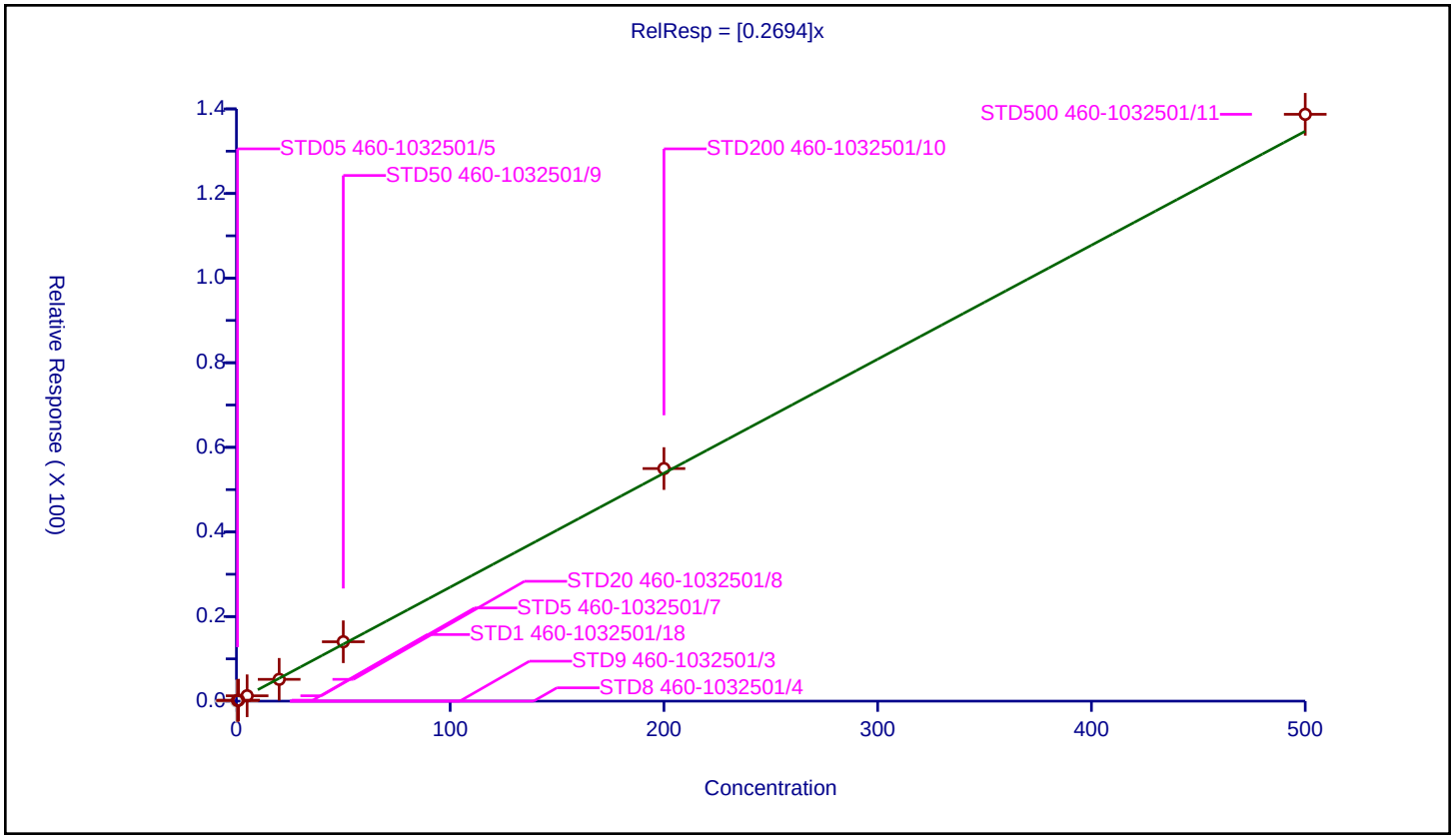
Curve Coefficients

Intercept:	0
Slope:	0.2694

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.156387	50.0	519546.0	0.312773	Y
4	STD1 460-1032501/18	1.0	0.228496	50.0	484909.0	0.228496	Y
5	STD5 460-1032501/7	5.0	1.270328	50.0	512348.0	0.254066	Y
6	STD20 460-1032501/8	20.0	5.152379	50.0	531405.0	0.257619	Y
7	STD50 460-1032501/9	50.0	14.039555	50.0	531363.0	0.280791	Y
8	STD200 460-1032501/10	200.0	54.979912	50.0	540863.0	0.2749	Y
9	STD500 460-1032501/11	500.0	138.721653	50.0	550187.0	0.277443	Y



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

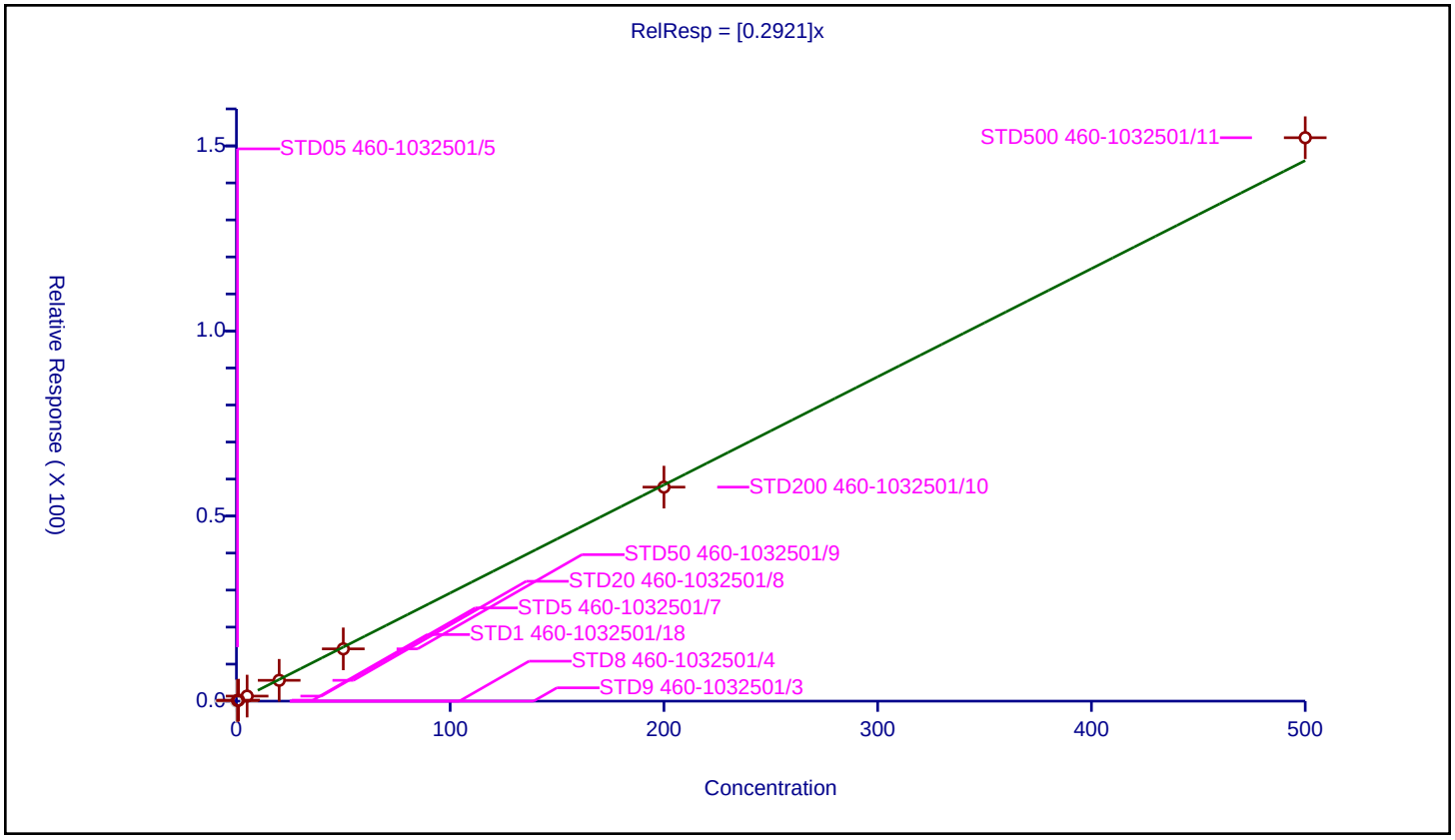
Curve Coefficients

Intercept:	0
Slope:	0.2921

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.0	0.0	50.0	505169.0	NaN	N
2	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
3	STD05 460-1032501/5	0.5	0.176885	50.0	519546.0	0.35377	Y
4	STD1 460-1032501/18	1.0	0.260977	50.0	484909.0	0.260977	Y
5	STD5 460-1032501/7	5.0	1.363429	50.0	512348.0	0.272686	Y
6	STD20 460-1032501/8	20.0	5.625088	50.0	531405.0	0.281254	Y
7	STD50 460-1032501/9	50.0	14.120949	50.0	531363.0	0.282419	Y
8	STD200 460-1032501/10	200.0	57.815935	50.0	540863.0	0.28908	Y
9	STD500 460-1032501/11	500.0	152.212611	50.0	550187.0	0.304425	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

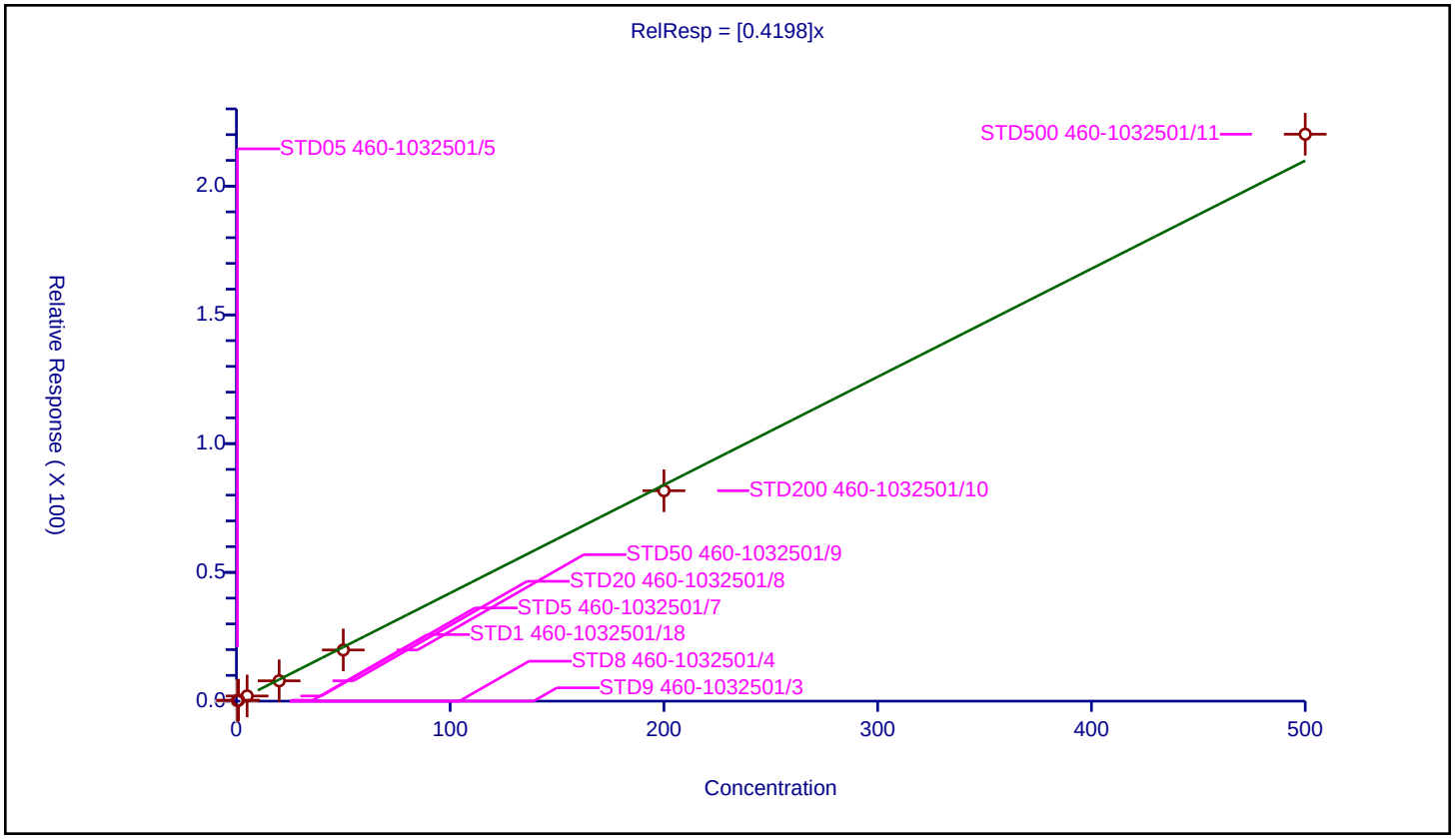
Curve Coefficients

Intercept:	0
Slope:	0.4198

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.0	0.0	50.0	505169.0	NaN	N
2	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
3	STD05 460-1032501/5	0.5	0.262729	50.0	519546.0	0.525459	Y
4	STD1 460-1032501/18	1.0	0.368935	50.0	484909.0	0.368935	Y
5	STD5 460-1032501/7	5.0	2.014939	50.0	512348.0	0.402988	Y
6	STD20 460-1032501/8	20.0	7.898684	50.0	531405.0	0.394934	Y
7	STD50 460-1032501/9	50.0	19.873138	50.0	531363.0	0.397463	Y
8	STD200 460-1032501/10	200.0	81.709324	50.0	540863.0	0.408547	Y
9	STD500 460-1032501/11	500.0	220.161327	50.0	550187.0	0.440323	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

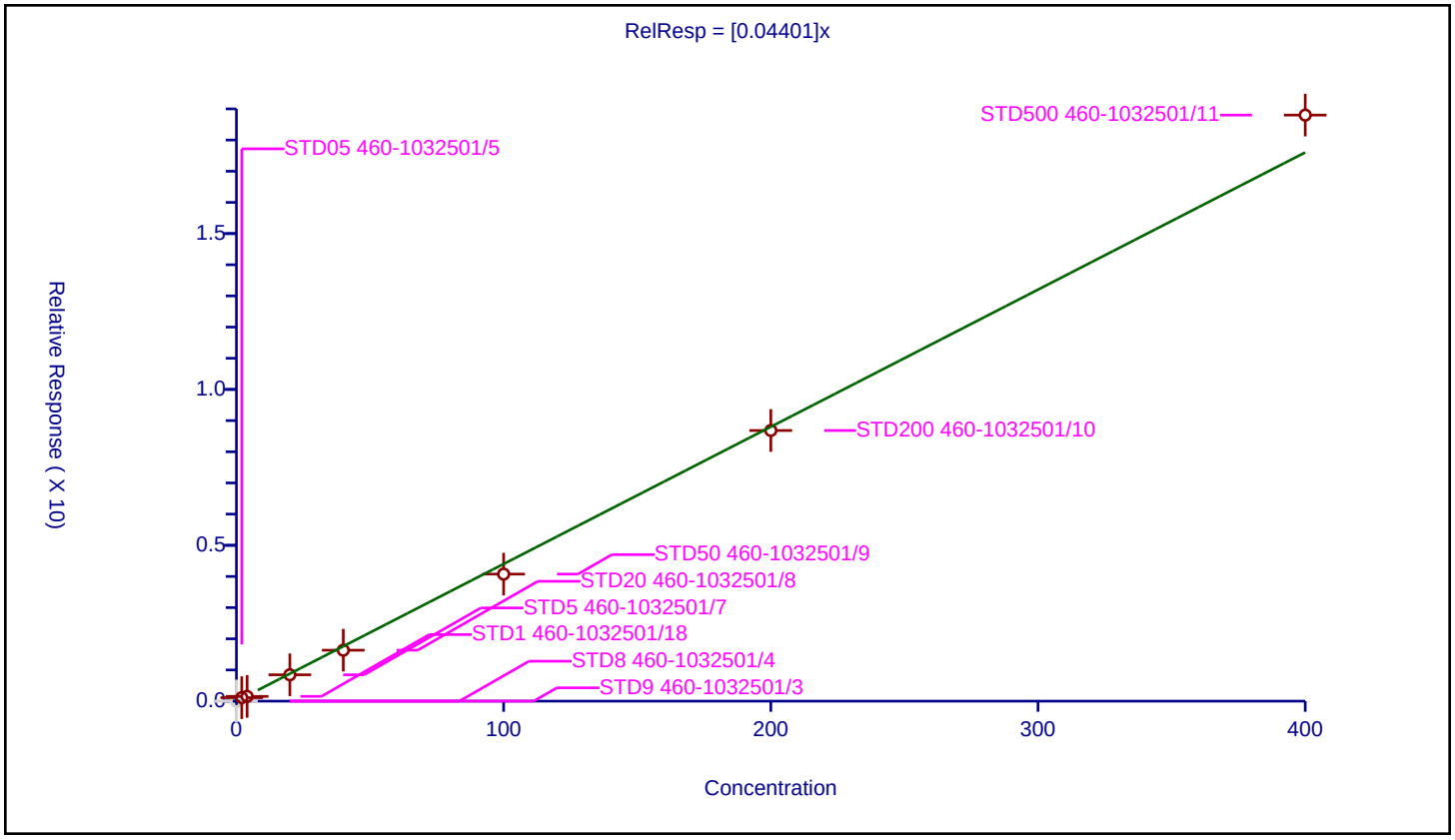
Curve Coefficients

Intercept:	0
Slope:	0.04401

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.0	0.0	50.0	505169.0	NaN	N
2	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
3	STD05 460-1032501/5	2.0	0.111251	50.0	519546.0	0.055625	Y
4	STD1 460-1032501/18	4.0	0.152503	50.0	484909.0	0.038126	Y
5	STD5 460-1032501/7	20.0	0.845519	50.0	512348.0	0.042276	Y
6	STD20 460-1032501/8	40.0	1.634347	50.0	531405.0	0.040859	Y
7	STD50 460-1032501/9	100.0	4.075086	50.0	531363.0	0.040751	Y
8	STD200 460-1032501/10	200.0	8.682143	50.0	540863.0	0.043411	Y
9	STD500 460-1032501/11	400.0	18.800699	50.0	550187.0	0.047002	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

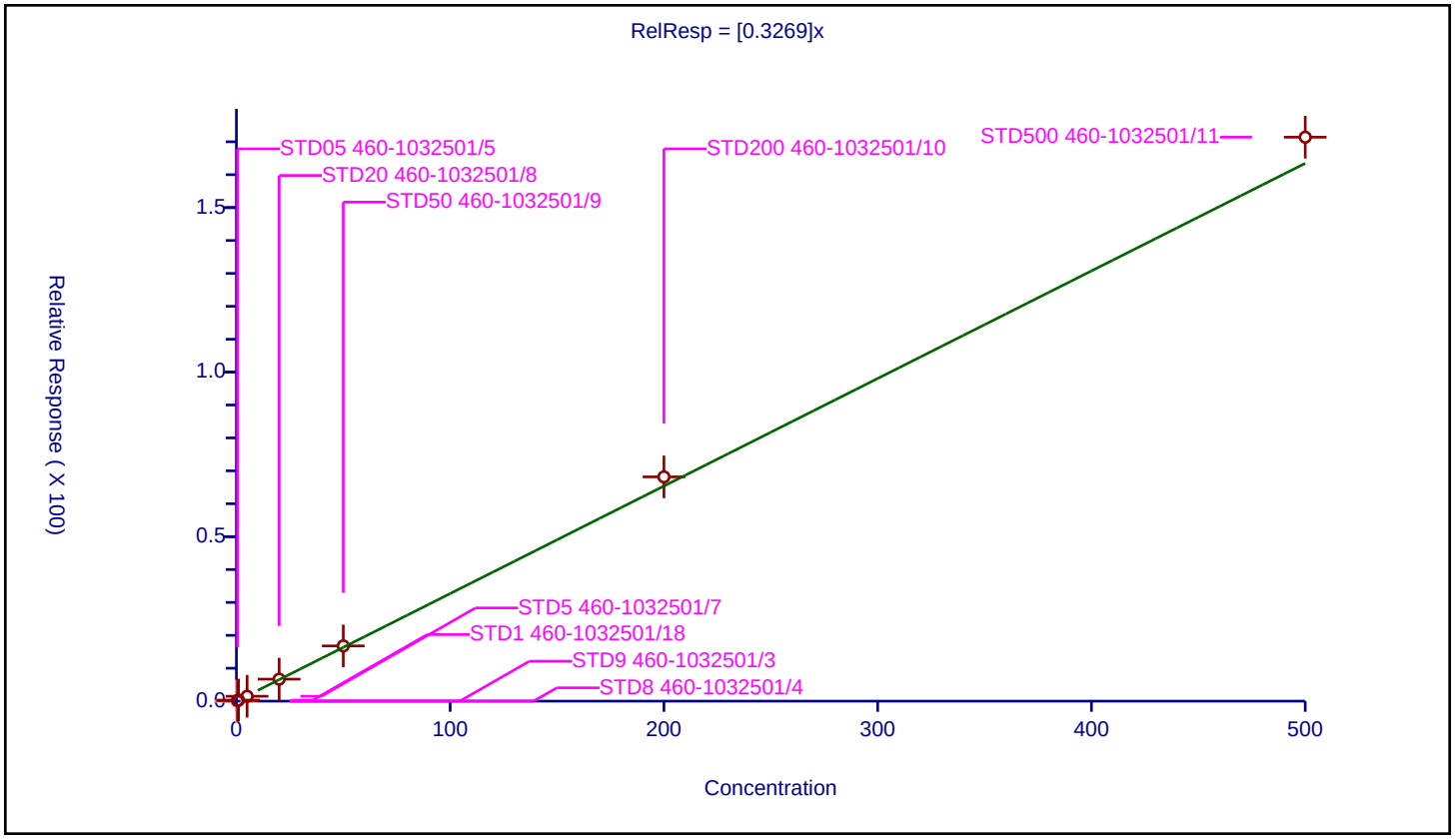
Curve Coefficients

Intercept:	0
Slope:	0.3269

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.164759	50.0	519546.0	0.329518	Y
4	STD1 460-1032501/18	1.0	0.307893	50.0	484909.0	0.307893	Y
5	STD5 460-1032501/7	5.0	1.486782	50.0	512348.0	0.297356	Y
6	STD20 460-1032501/8	20.0	6.682756	50.0	531405.0	0.334138	Y
7	STD50 460-1032501/9	50.0	16.786359	50.0	531363.0	0.335727	Y
8	STD200 460-1032501/10	200.0	68.161069	50.0	540863.0	0.340805	Y
9	STD500 460-1032501/11	500.0	171.392363	50.0	550187.0	0.342785	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

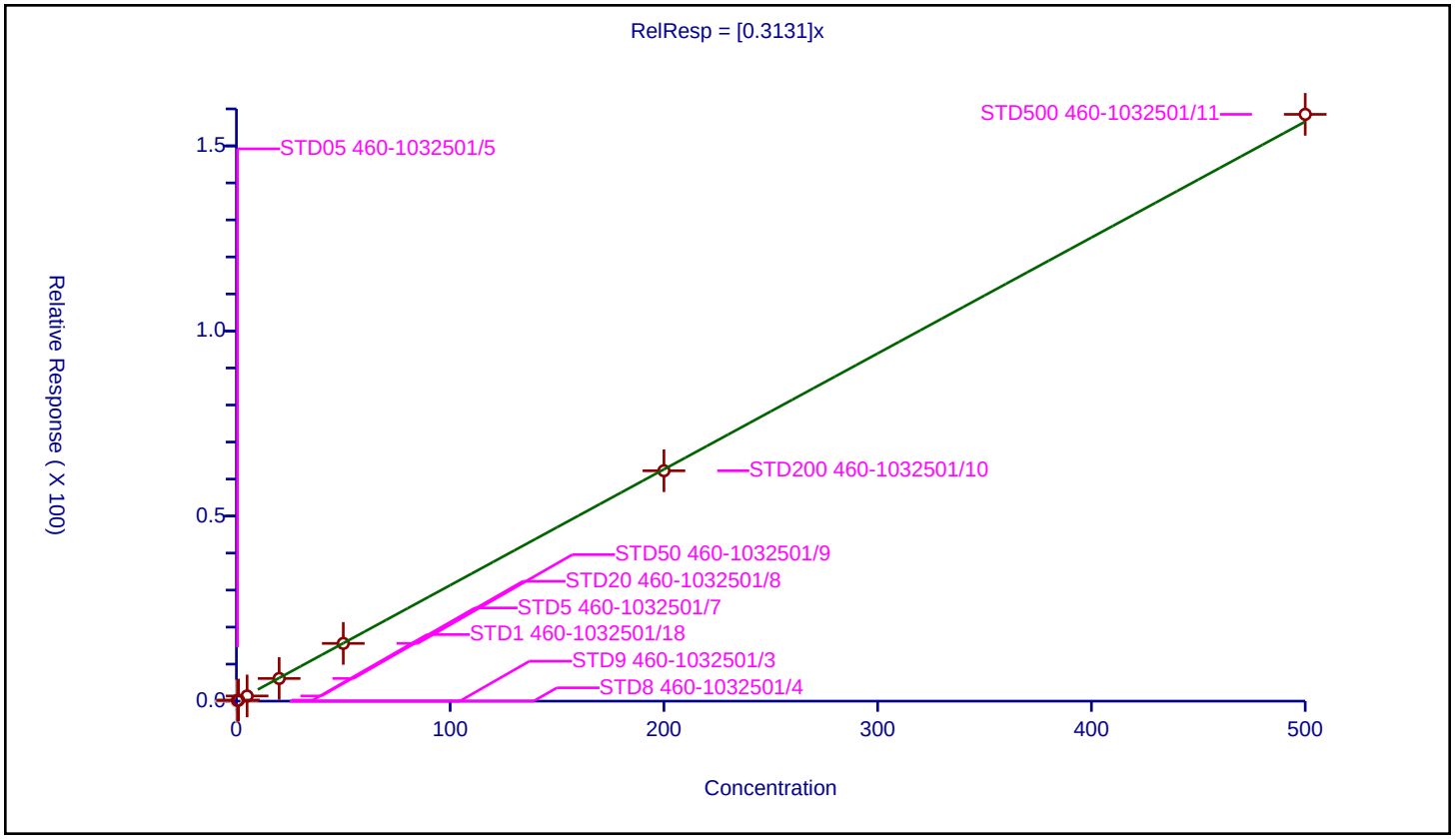
Curve Coefficients

Intercept:	0
Slope:	0.3131

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.19007	50.0	519546.0	0.38014	Y
4	STD1 460-1032501/18	1.0	0.285724	50.0	484909.0	0.285724	Y
5	STD5 460-1032501/7	5.0	1.396707	50.0	512348.0	0.279341	Y
6	STD20 460-1032501/8	20.0	6.128283	50.0	531405.0	0.306414	Y
7	STD50 460-1032501/9	50.0	15.596965	50.0	531363.0	0.311939	Y
8	STD200 460-1032501/10	200.0	62.242934	50.0	540863.0	0.311215	Y
9	STD500 460-1032501/11	500.0	158.527192	50.0	550187.0	0.317054	Y



Calibration / Acetone

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

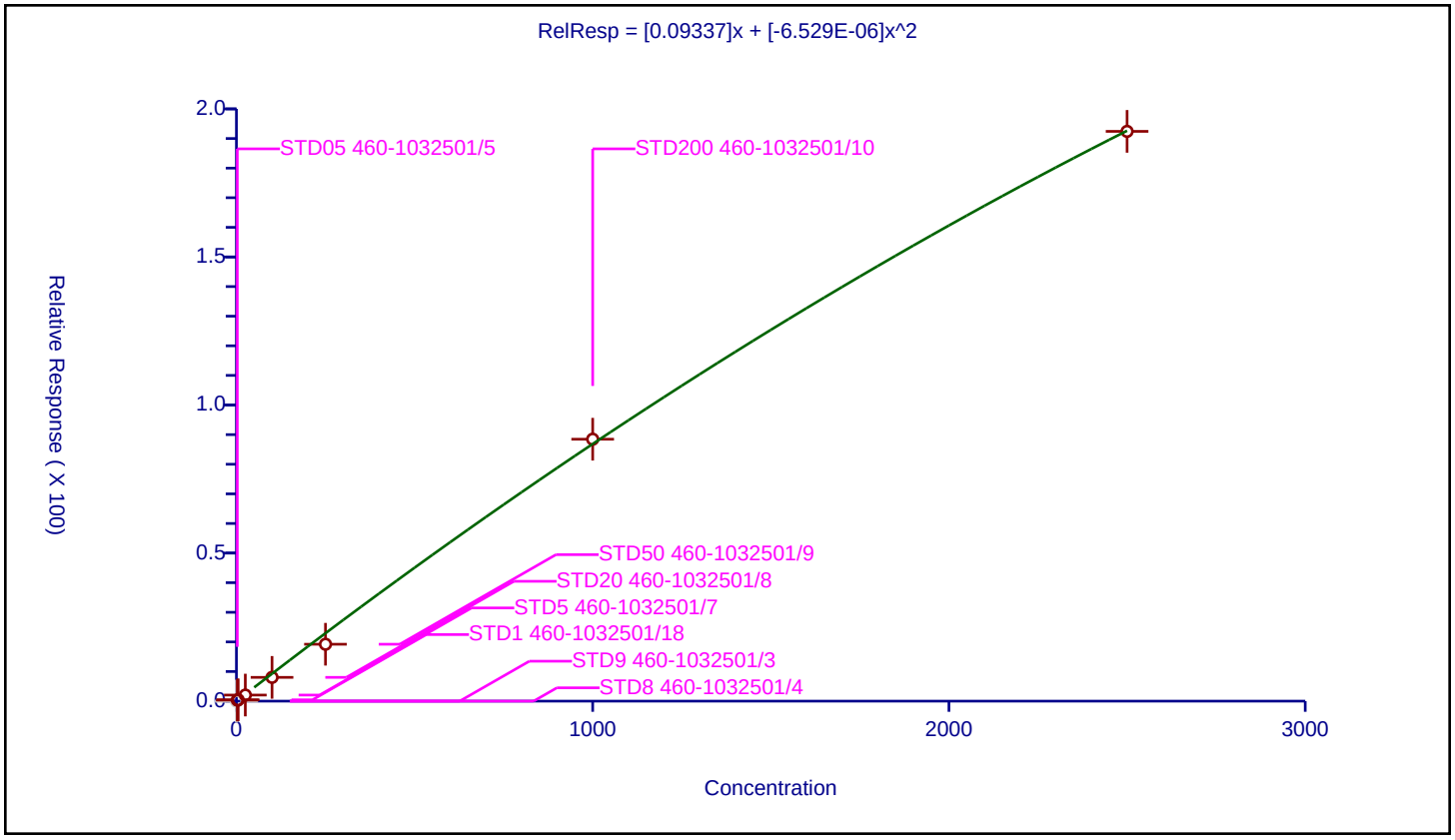
Curve Coefficients

Intercept:	0
Slope:	0.09337
Second Order:	-6.529E-06

Error Coefficients

Relative Standard Deviation:	25.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	1.0	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	2.5	0.351364	50.0	519546.0	0.140546	Y
4	STD1 460-1032501/18	5.0	0.442042	50.0	484909.0	0.088408	Y
5	STD5 460-1032501/7	25.0	2.052511	50.0	512348.0	0.0821	Y
6	STD20 460-1032501/8	100.0	8.024012	50.0	531405.0	0.08024	Y
7	STD50 460-1032501/9	250.0	19.218594	50.0	531363.0	0.076874	Y
8	STD200 460-1032501/10	1000.0	88.45031	50.0	540863.0	0.08845	Y
9	STD500 460-1032501/11	2500.0	192.41158	50.0	550187.0	0.076965	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

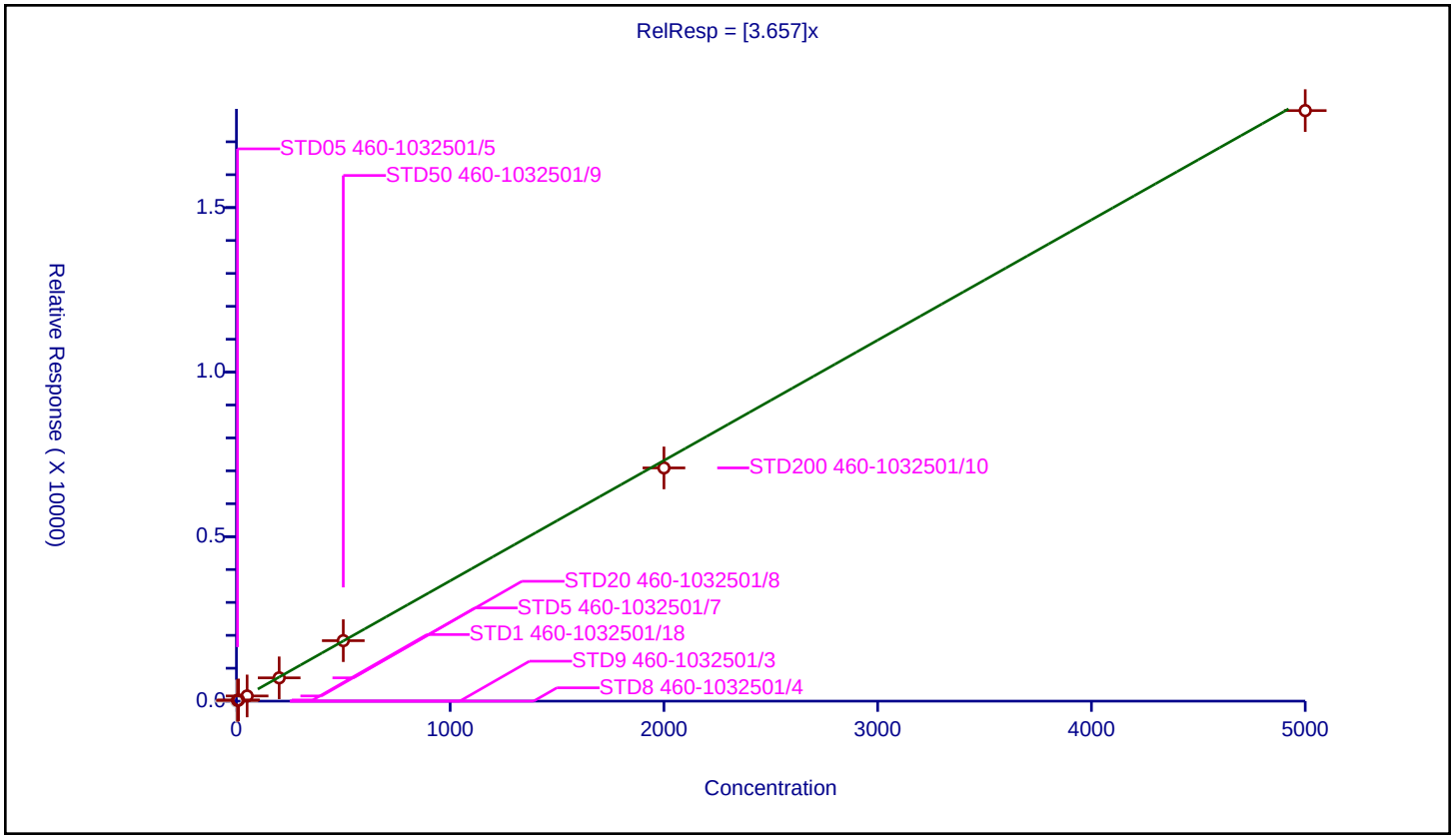
Curve Coefficients

Intercept:	0
Slope:	3.657

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	1000.0	46741.0	NaN	N
2	STD9 460-1032501/3	2.0	0.0	1000.0	42347.0	0.0	N
3	STD05 460-1032501/5	5.0	23.05009	1000.0	43861.0	4.610018	Y
4	STD1 460-1032501/18	10.0	34.854602	1000.0	39134.0	3.48546	Y
5	STD5 460-1032501/7	50.0	157.657658	1000.0	47064.0	3.153153	Y
6	STD20 460-1032501/8	200.0	708.186582	1000.0	46564.0	3.540933	Y
7	STD50 460-1032501/9	500.0	1837.747775	1000.0	46514.0	3.675496	Y
8	STD200 460-1032501/10	2000.0	7088.323209	1000.0	51855.0	3.544162	Y
9	STD500 460-1032501/11	5000.0	17948.260516	1000.0	52803.0	3.589652	Y



Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

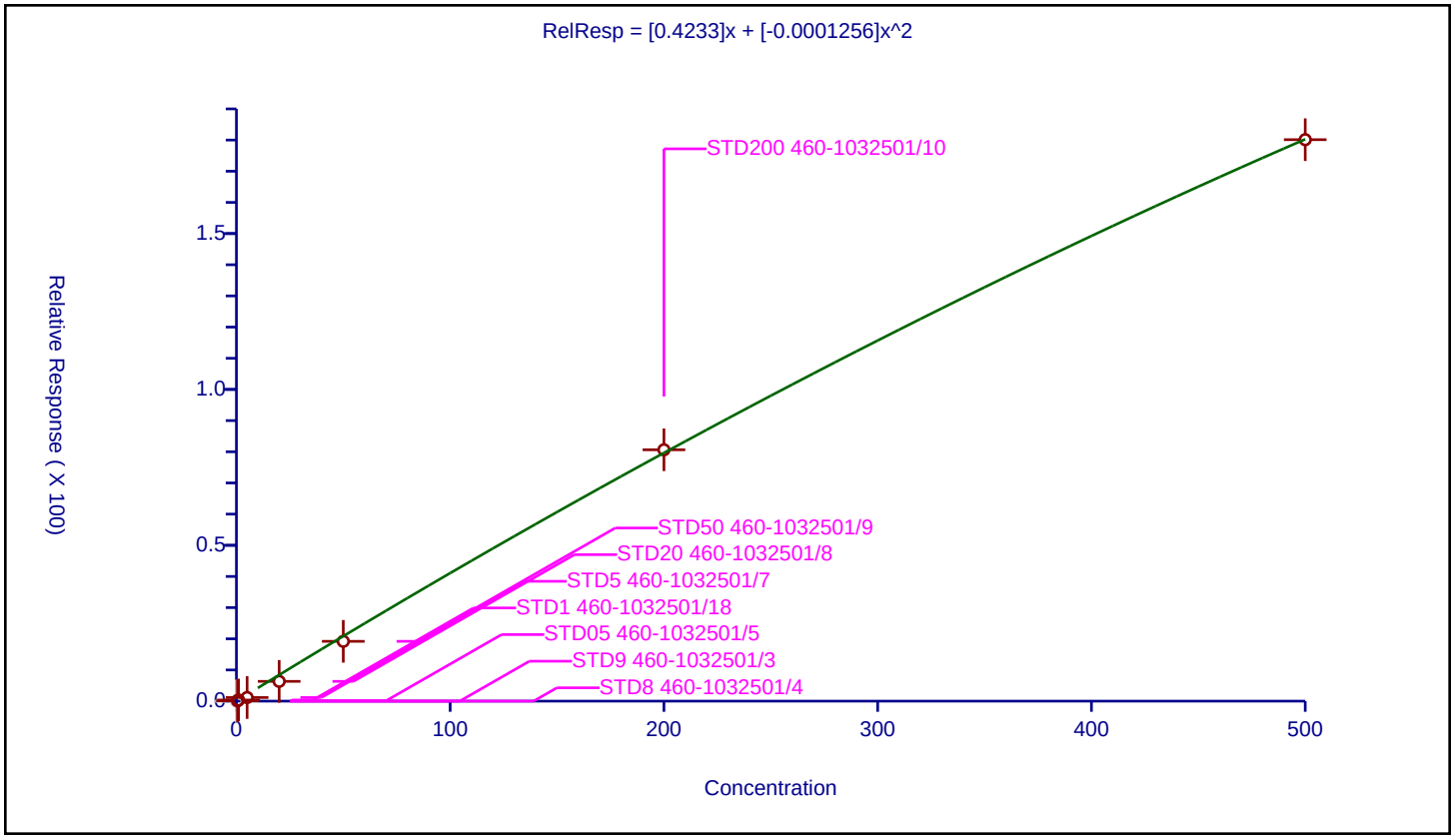
Curve Coefficients

Intercept:	0
Slope:	0.4233
Second Order:	-0.0001256

Error Coefficients

Relative Standard Deviation:	31.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.115582	50.0	519546.0	0.231163	Y
4	STD1 460-1032501/18	1.0	0.358212	50.0	484909.0	0.358212	Y
5	STD5 460-1032501/7	5.0	1.156733	50.0	512348.0	0.231347	Y
6	STD20 460-1032501/8	20.0	6.347607	50.0	531405.0	0.31738	Y
7	STD50 460-1032501/9	50.0	19.182743	50.0	531363.0	0.383655	Y
8	STD200 460-1032501/10	200.0	80.636871	50.0	540863.0	0.403184	Y
9	STD500 460-1032501/11	500.0	180.123213	50.0	550187.0	0.360246	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

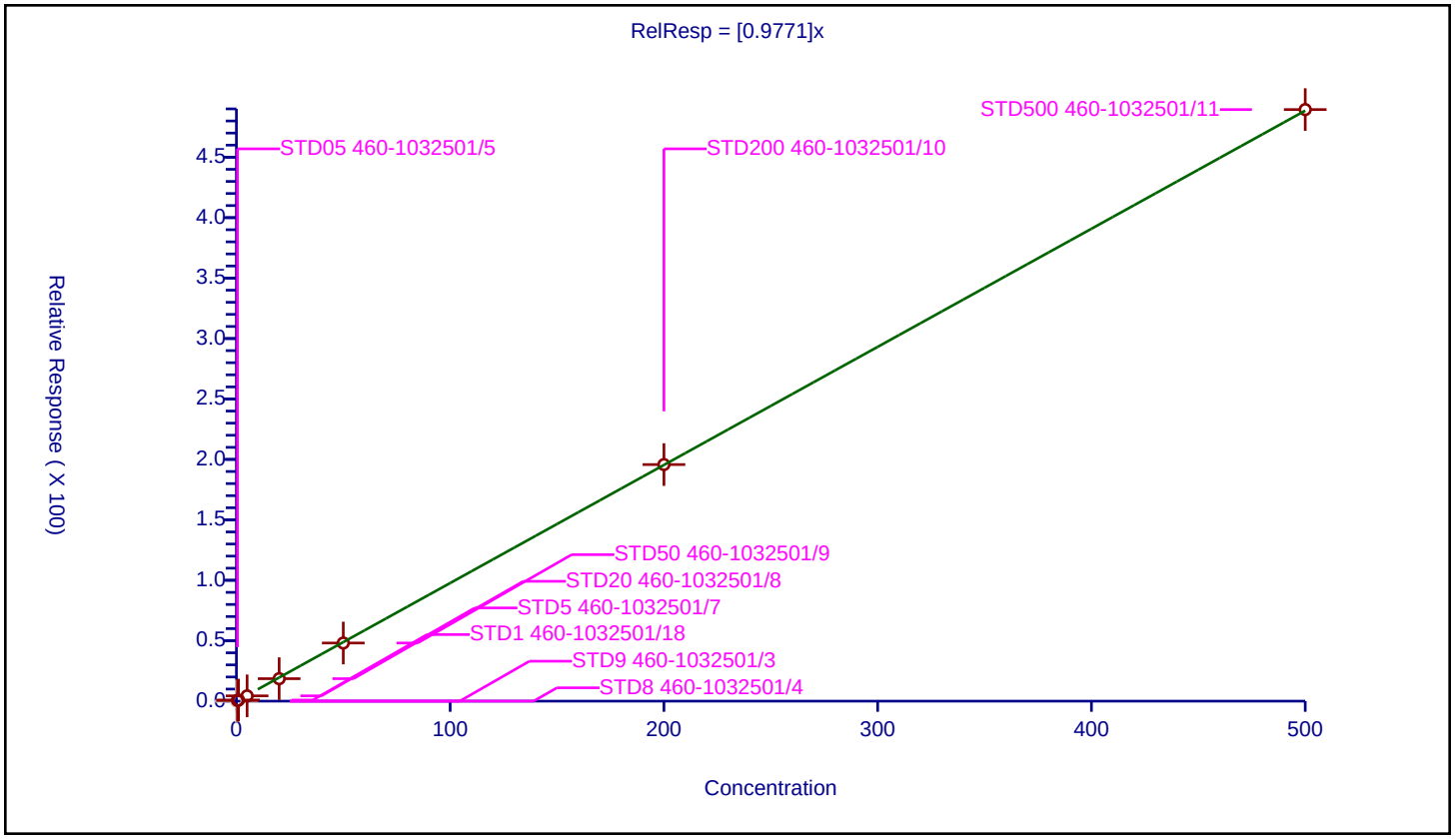
Curve Coefficients

Intercept:	0
Slope:	0.9771

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.613805	50.0	519546.0	1.22761	Y
4	STD1 460-1032501/18	1.0	0.888723	50.0	484909.0	0.888723	Y
5	STD5 460-1032501/7	5.0	4.374956	50.0	512348.0	0.874991	Y
6	STD20 460-1032501/8	20.0	18.577168	50.0	531405.0	0.928858	Y
7	STD50 460-1032501/9	50.0	48.083043	50.0	531363.0	0.961661	Y
8	STD200 460-1032501/10	200.0	195.739494	50.0	540863.0	0.978697	Y
9	STD500 460-1032501/11	500.0	489.432229	50.0	550187.0	0.978864	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

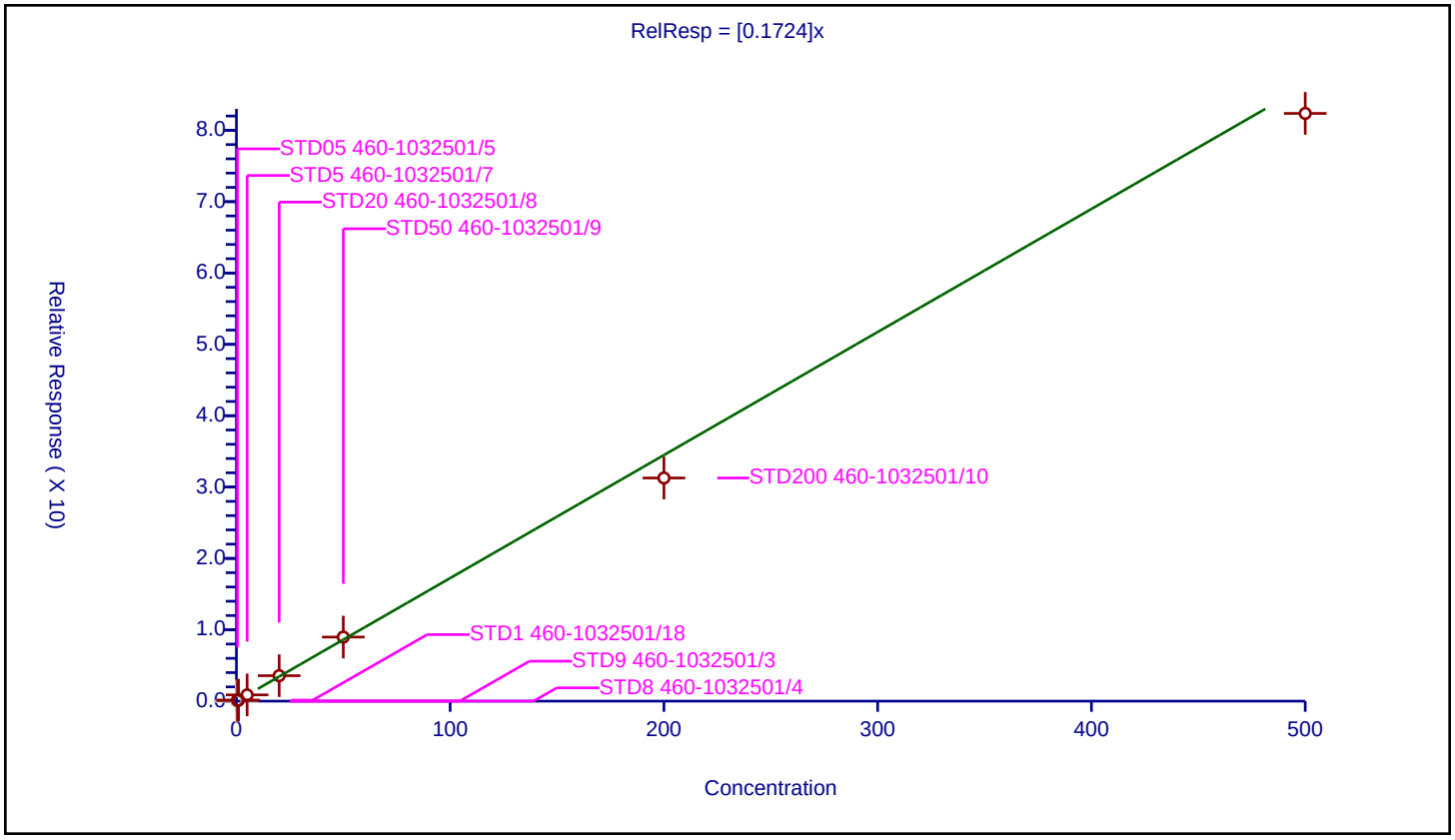
Curve Coefficients

Intercept:	0
Slope:	0.1724

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.104707	50.0	519546.0	0.209414	Y
4	STD1 460-1032501/18	1.0	0.143738	50.0	484909.0	0.143738	Y
5	STD5 460-1032501/7	5.0	0.87421	50.0	512348.0	0.174842	Y
6	STD20 460-1032501/8	20.0	3.568277	50.0	531405.0	0.178414	Y
7	STD50 460-1032501/9	50.0	8.978796	50.0	531363.0	0.179576	Y
8	STD200 460-1032501/10	200.0	31.271875	50.0	540863.0	0.156359	Y
9	STD500 460-1032501/11	500.0	82.364996	50.0	550187.0	0.16473	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

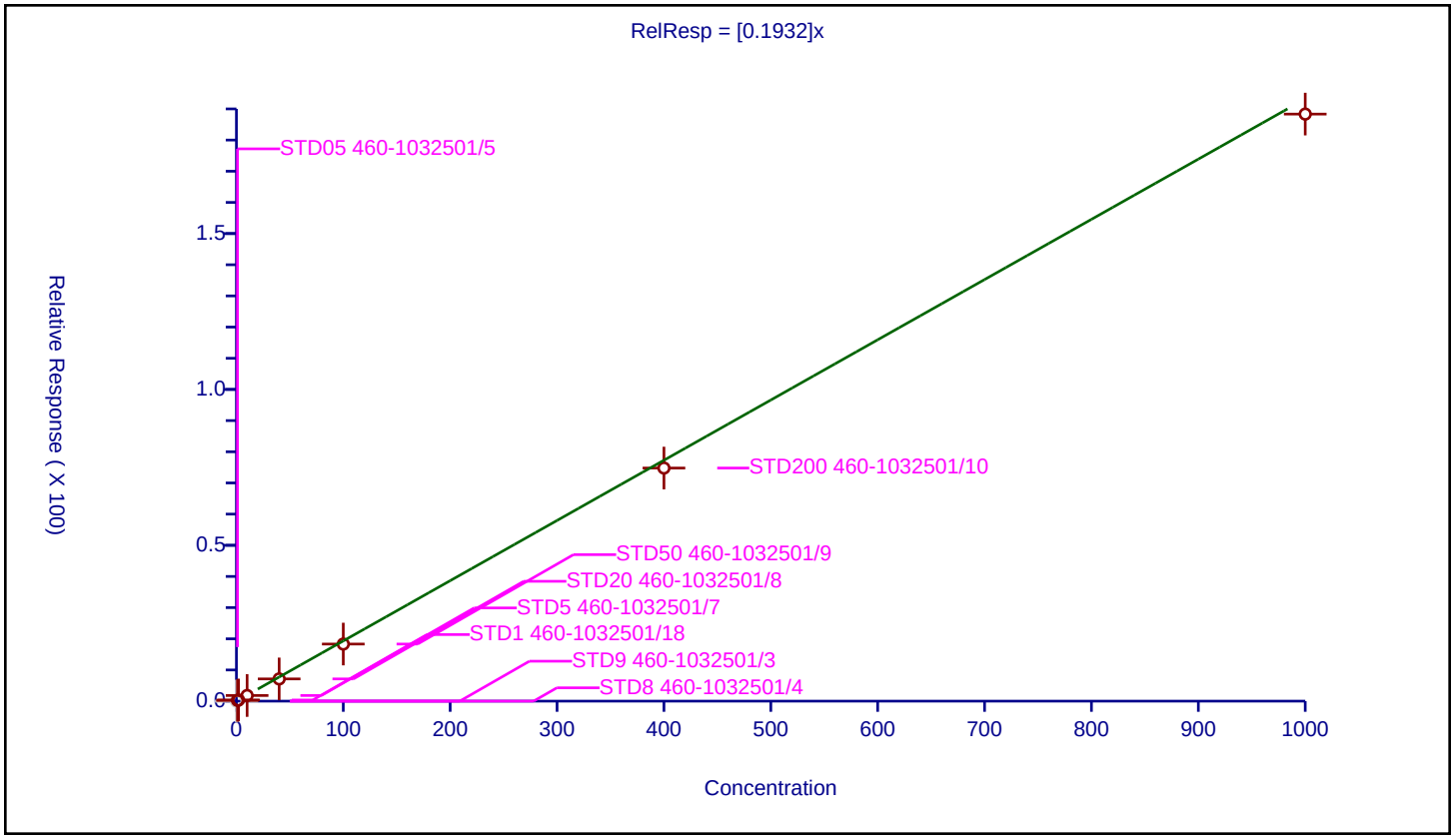
Curve Coefficients

Intercept:	0
Slope:	0.1932

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.4	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	1.0	0.254742	50.0	519546.0	0.254742	Y
4	STD1 460-1032501/18	2.0	0.36048	50.0	484909.0	0.18024	Y
5	STD5 460-1032501/7	10.0	1.808341	50.0	512348.0	0.180834	Y
6	STD20 460-1032501/8	40.0	7.129873	50.0	531405.0	0.178247	Y
7	STD50 460-1032501/9	100.0	18.311776	50.0	531363.0	0.183118	Y
8	STD200 460-1032501/10	400.0	74.775035	50.0	540863.0	0.186938	Y
9	STD500 460-1032501/11	1000.0	188.336784	50.0	550187.0	0.188337	Y



Calibration / Acetonitrile

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

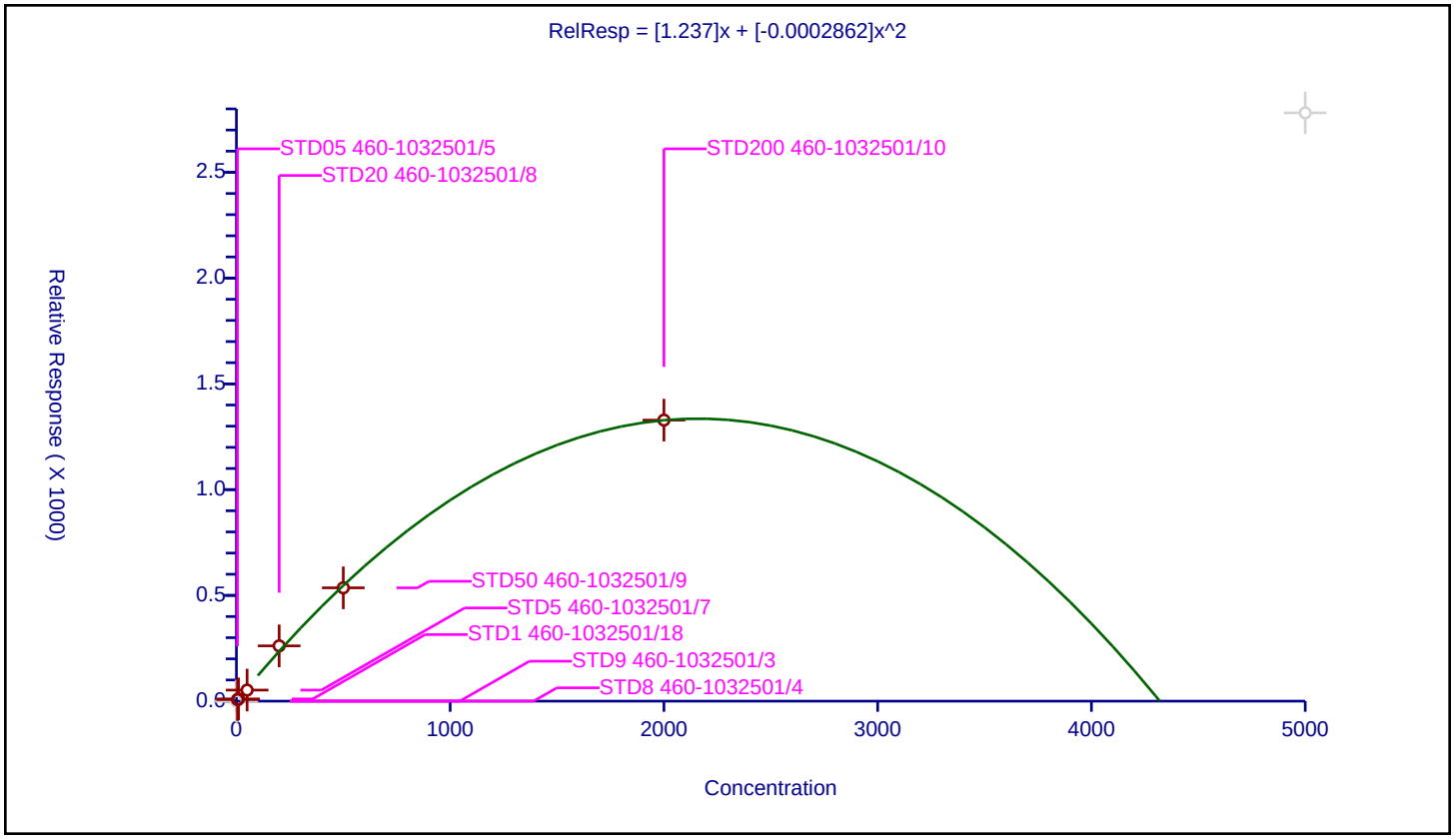
Curve Coefficients

Intercept:	0
Slope:	1.237
Second Order:	-0.0002862

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	250.0	162445.0	NaN	N
2	STD9 460-1032501/3	2.0	0.0	250.0	212708.0	0.0	N
3	STD05 460-1032501/5	5.0	7.445943	250.0	98275.0	1.489189	Y
4	STD1 460-1032501/18	10.0	10.511502	250.0	90068.0	1.05115	Y
5	STD5 460-1032501/7	50.0	52.319152	250.0	94043.0	1.046383	Y
6	STD20 460-1032501/8	200.0	261.356089	250.0	87332.0	1.30678	Y
7	STD50 460-1032501/9	500.0	535.686054	250.0	107528.0	1.071372	Y
8	STD200 460-1032501/10	2000.0	1328.672199	250.0	174725.0	0.664336	Y
9	STD500 460-1032501/11	5000.0	2781.194533	250.0	199442.0	0.556239	N



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

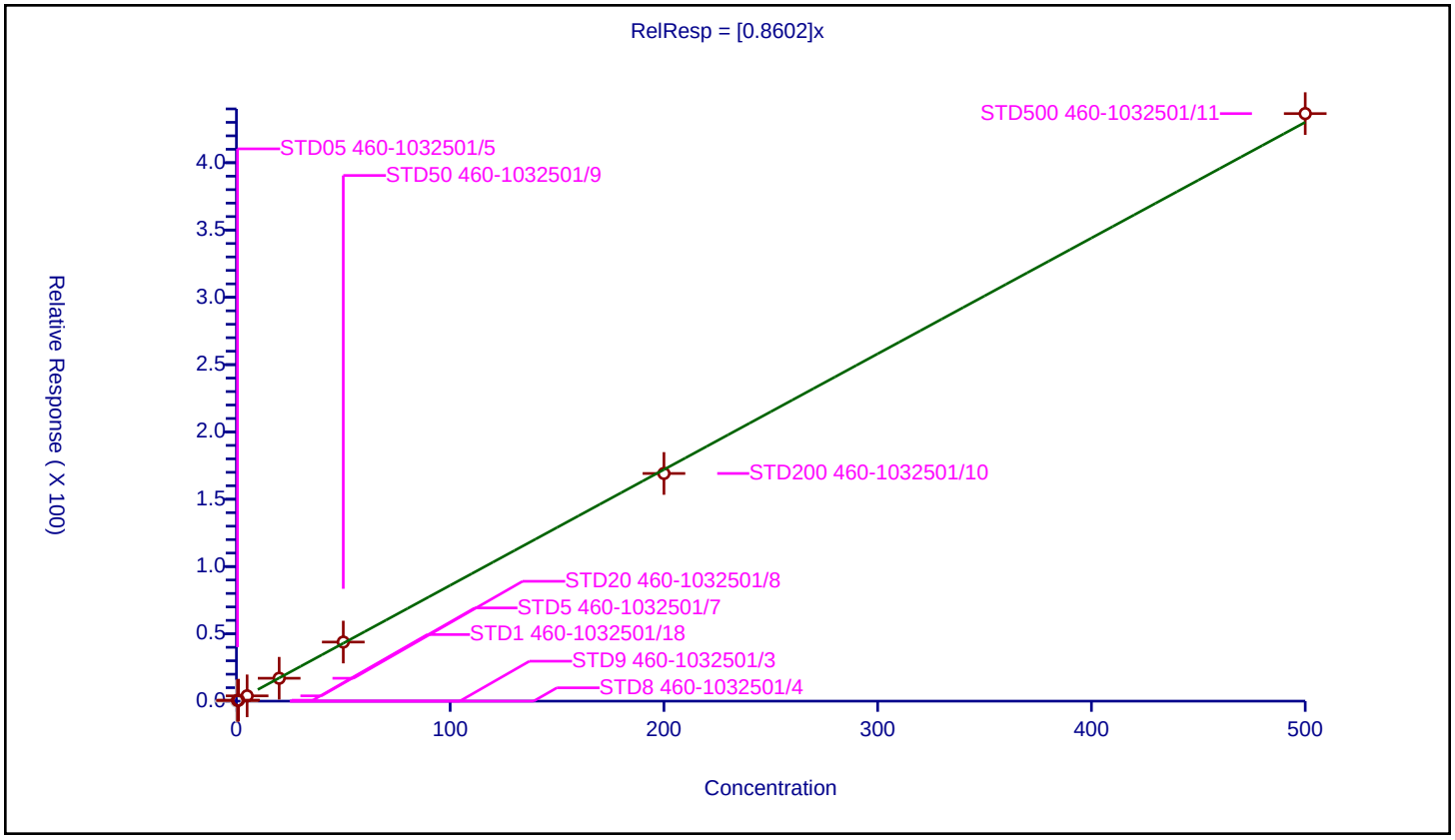
Curve Coefficients

Intercept:	0
Slope:	0.8602

Error Coefficients

Relative Standard Deviation:	14.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.54615	50.0	519546.0	1.0923	Y
4	STD1 460-1032501/18	1.0	0.698172	50.0	484909.0	0.698172	Y
5	STD5 460-1032501/7	5.0	3.918626	50.0	512348.0	0.783725	Y
6	STD20 460-1032501/8	20.0	17.004827	50.0	531405.0	0.850241	Y
7	STD50 460-1032501/9	50.0	43.901344	50.0	531363.0	0.878027	Y
8	STD200 460-1032501/10	200.0	169.144312	50.0	540863.0	0.845722	Y
9	STD500 460-1032501/11	500.0	436.489139	50.0	550187.0	0.872978	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

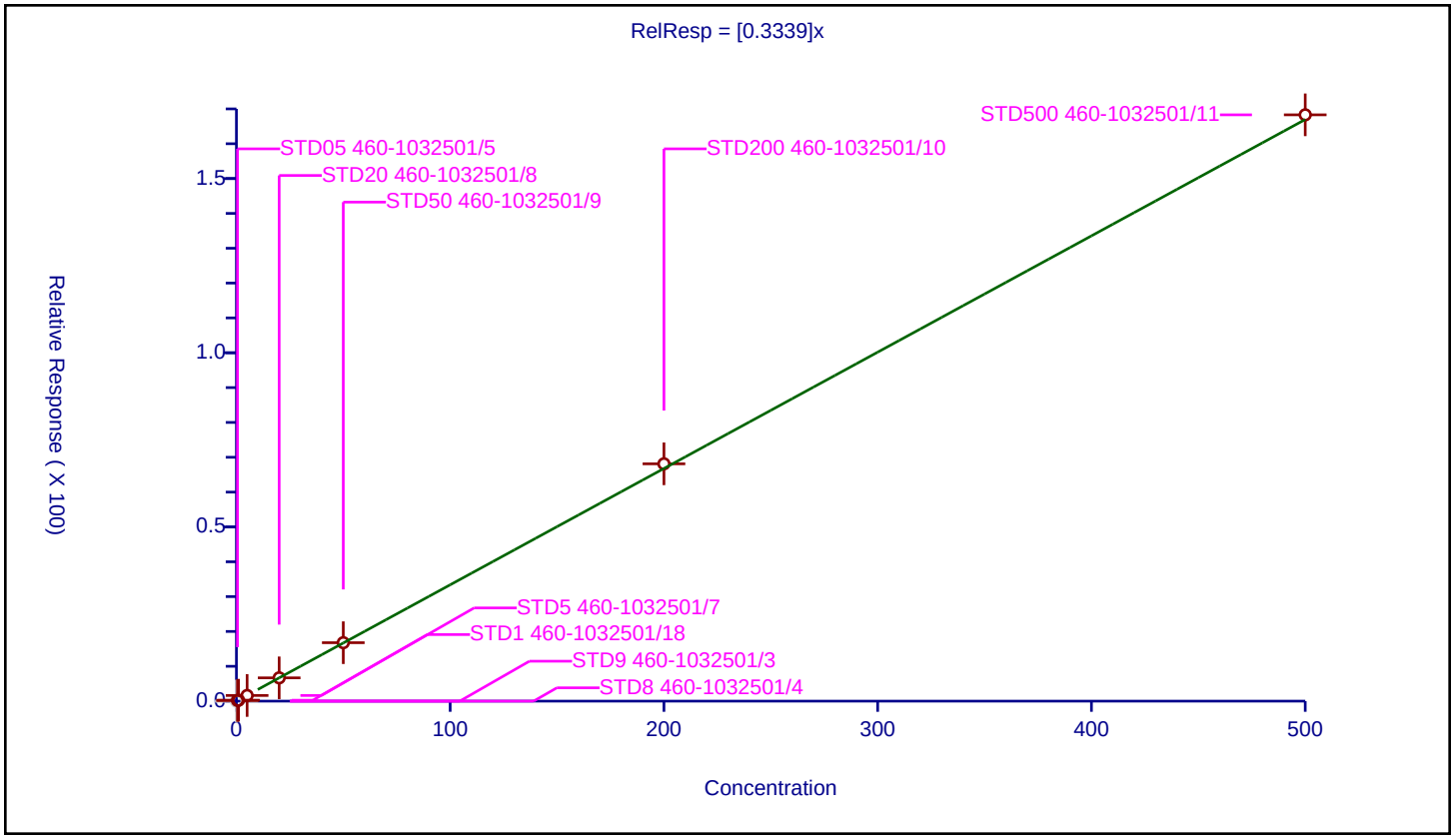
Curve Coefficients

Intercept:	0
Slope:	0.3339

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.200848	50.0	519546.0	0.401697	Y
4	STD1 460-1032501/18	1.0	0.263967	50.0	484909.0	0.263967	Y
5	STD5 460-1032501/7	5.0	1.62214	50.0	512348.0	0.324428	Y
6	STD20 460-1032501/8	20.0	6.687649	50.0	531405.0	0.334382	Y
7	STD50 460-1032501/9	50.0	16.777984	50.0	531363.0	0.33556	Y
8	STD200 460-1032501/10	200.0	68.122981	50.0	540863.0	0.340615	Y
9	STD500 460-1032501/11	500.0	168.298688	50.0	550187.0	0.336597	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

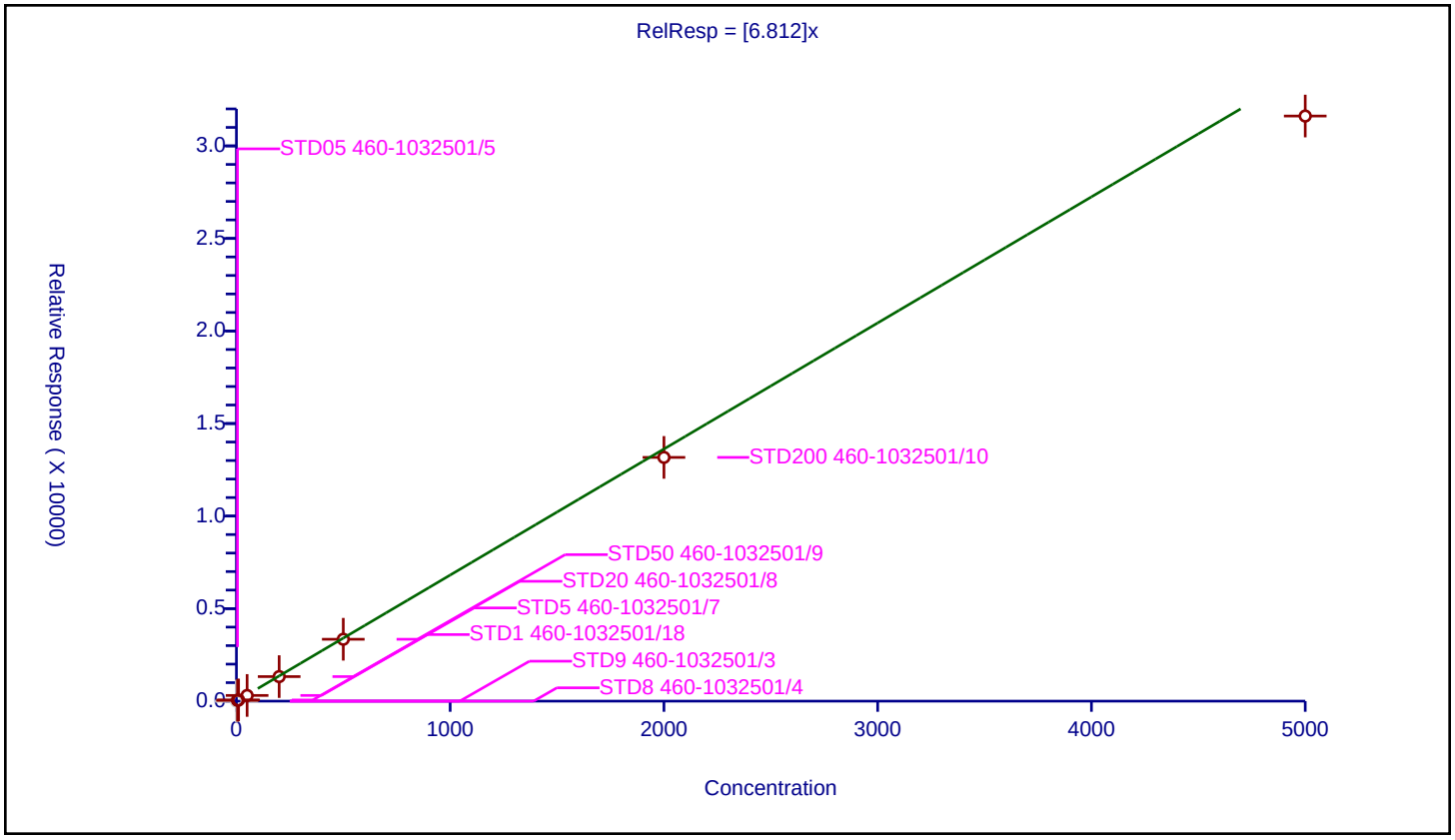
Curve Coefficients

Intercept:	0
Slope:	6.812

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	1000.0	46741.0	NaN	N
2	STD9 460-1032501/3	2.0	0.0	1000.0	42347.0	0.0	N
3	STD05 460-1032501/5	5.0	45.621395	1000.0	43861.0	9.124279	Y
4	STD1 460-1032501/18	10.0	62.043236	1000.0	39134.0	6.204324	Y
5	STD5 460-1032501/7	50.0	306.518783	1000.0	47064.0	6.130376	Y
6	STD20 460-1032501/8	200.0	1325.680783	1000.0	46564.0	6.628404	Y
7	STD50 460-1032501/9	500.0	3342.993507	1000.0	46514.0	6.685987	Y
8	STD200 460-1032501/10	2000.0	13169.202584	1000.0	51855.0	6.584601	Y
9	STD500 460-1032501/11	5000.0	31613.923451	1000.0	52803.0	6.322785	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

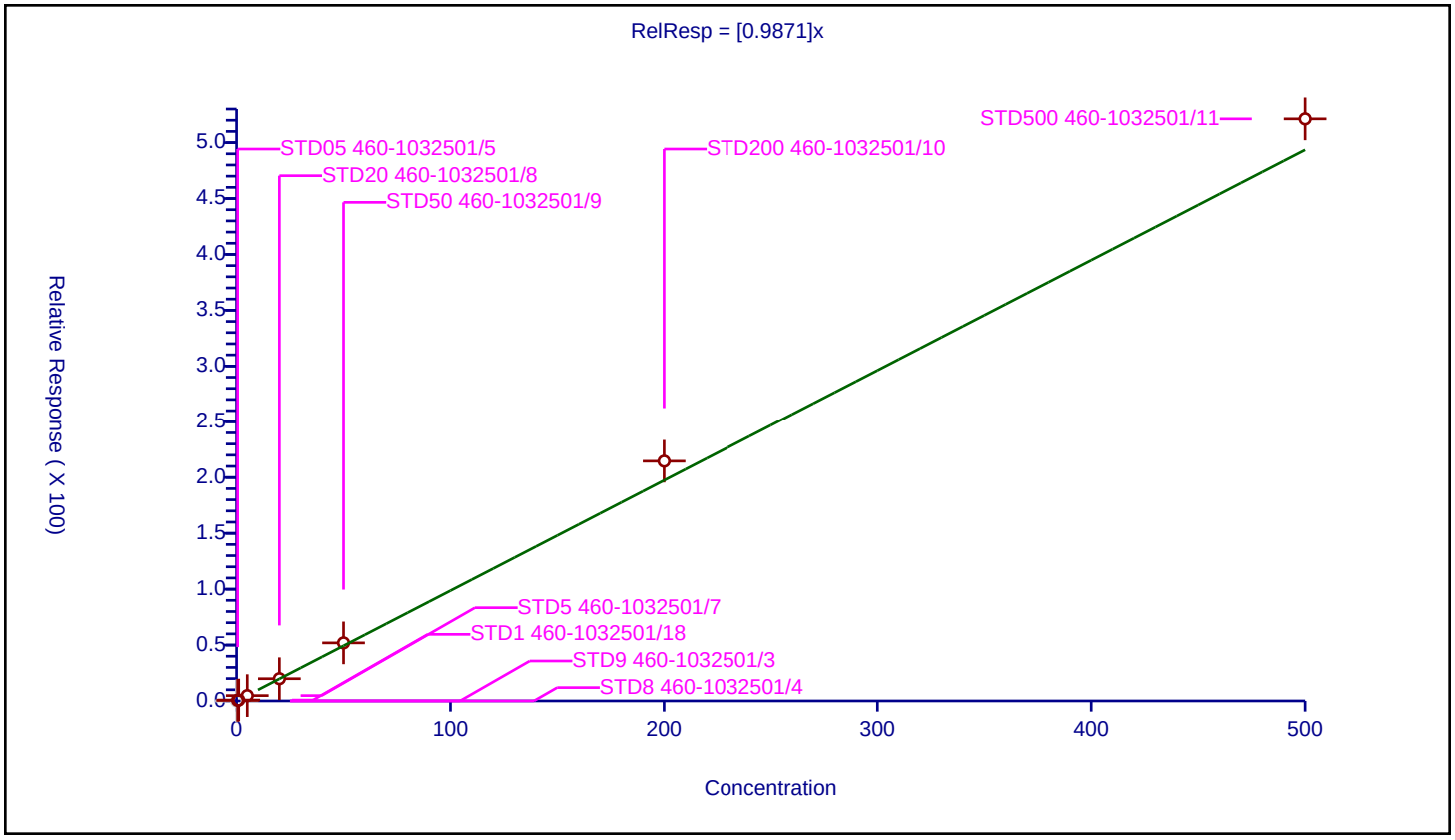
Curve Coefficients

Intercept:	0
Slope:	0.9871

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.507751	50.0	519546.0	1.015502	Y
4	STD1 460-1032501/18	1.0	0.792623	50.0	484909.0	0.792623	Y
5	STD5 460-1032501/7	5.0	4.766877	50.0	512348.0	0.953375	Y
6	STD20 460-1032501/8	20.0	19.879094	50.0	531405.0	0.993955	Y
7	STD50 460-1032501/9	50.0	51.940387	50.0	531363.0	1.038808	Y
8	STD200 460-1032501/10	200.0	214.629305	50.0	540863.0	1.073147	Y
9	STD500 460-1032501/11	500.0	521.225147	50.0	550187.0	1.04245	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

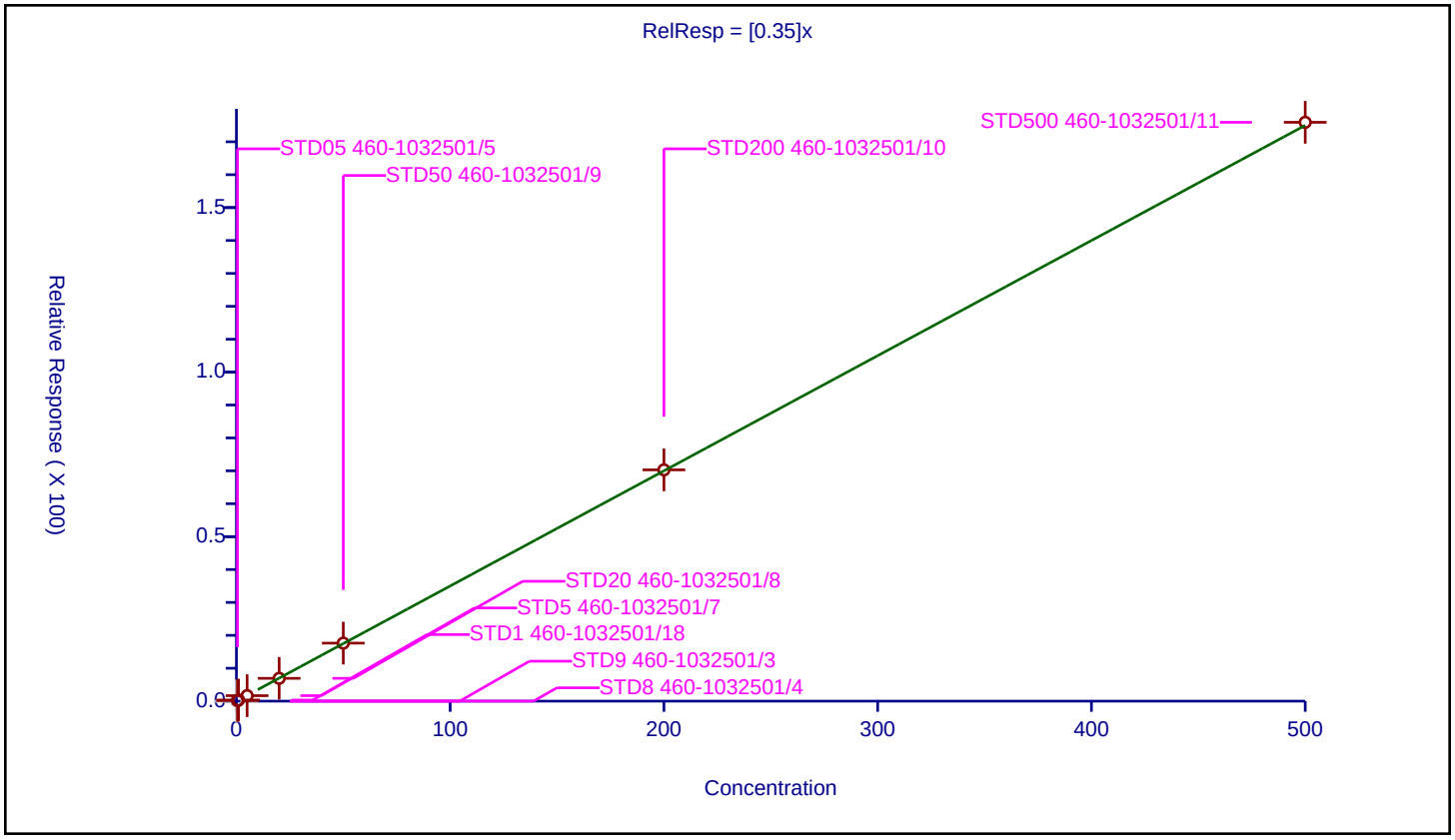
Curve Coefficients

Intercept:	0
Slope:	0.35

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.187568	50.0	519546.0	0.375135	Y
4	STD1 460-1032501/18	1.0	0.339136	50.0	484909.0	0.339136	Y
5	STD5 460-1032501/7	5.0	1.664591	50.0	512348.0	0.332918	Y
6	STD20 460-1032501/8	20.0	6.935859	50.0	531405.0	0.346793	Y
7	STD50 460-1032501/9	50.0	17.63192	50.0	531363.0	0.352638	Y
8	STD200 460-1032501/10	200.0	70.287393	50.0	540863.0	0.351437	Y
9	STD500 460-1032501/11	500.0	175.916643	50.0	550187.0	0.351833	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

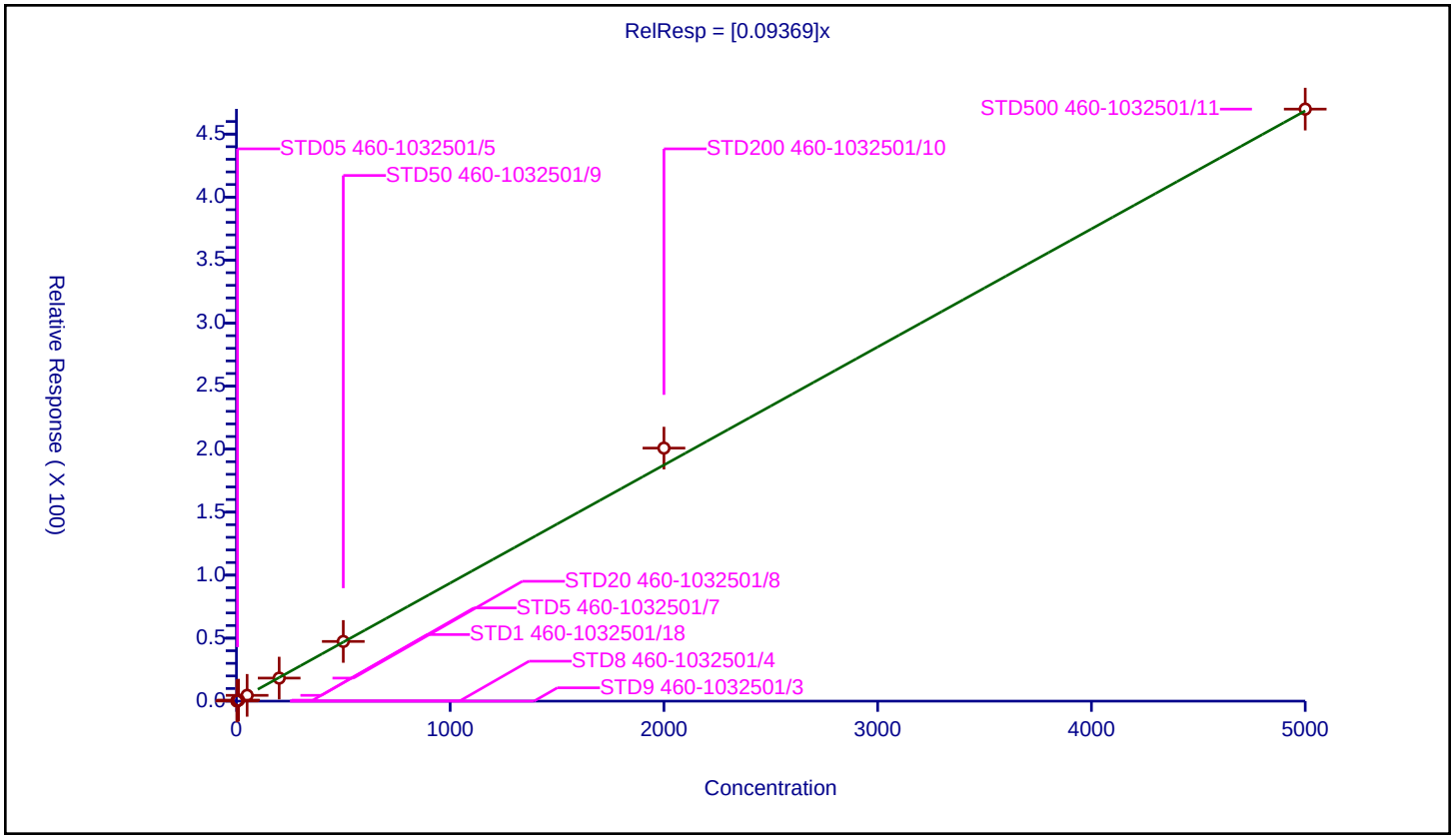
Curve Coefficients

Intercept:	0
Slope:	0.09369

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	2.0	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	2.0	0.166958	50.0	549239.0	0.083479	Y
3	STD05 460-1032501/5	5.0	0.58349	50.0	519546.0	0.116698	Y
4	STD1 460-1032501/18	10.0	0.767979	50.0	484909.0	0.076798	Y
5	STD5 460-1032501/7	50.0	4.601267	50.0	512348.0	0.092025	Y
6	STD20 460-1032501/8	200.0	18.282948	50.0	531405.0	0.091415	Y
7	STD50 460-1032501/9	500.0	47.375993	50.0	531363.0	0.094752	Y
8	STD200 460-1032501/10	2000.0	200.806119	50.0	540863.0	0.100403	Y
9	STD500 460-1032501/11	5000.0	469.836256	50.0	550187.0	0.093967	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

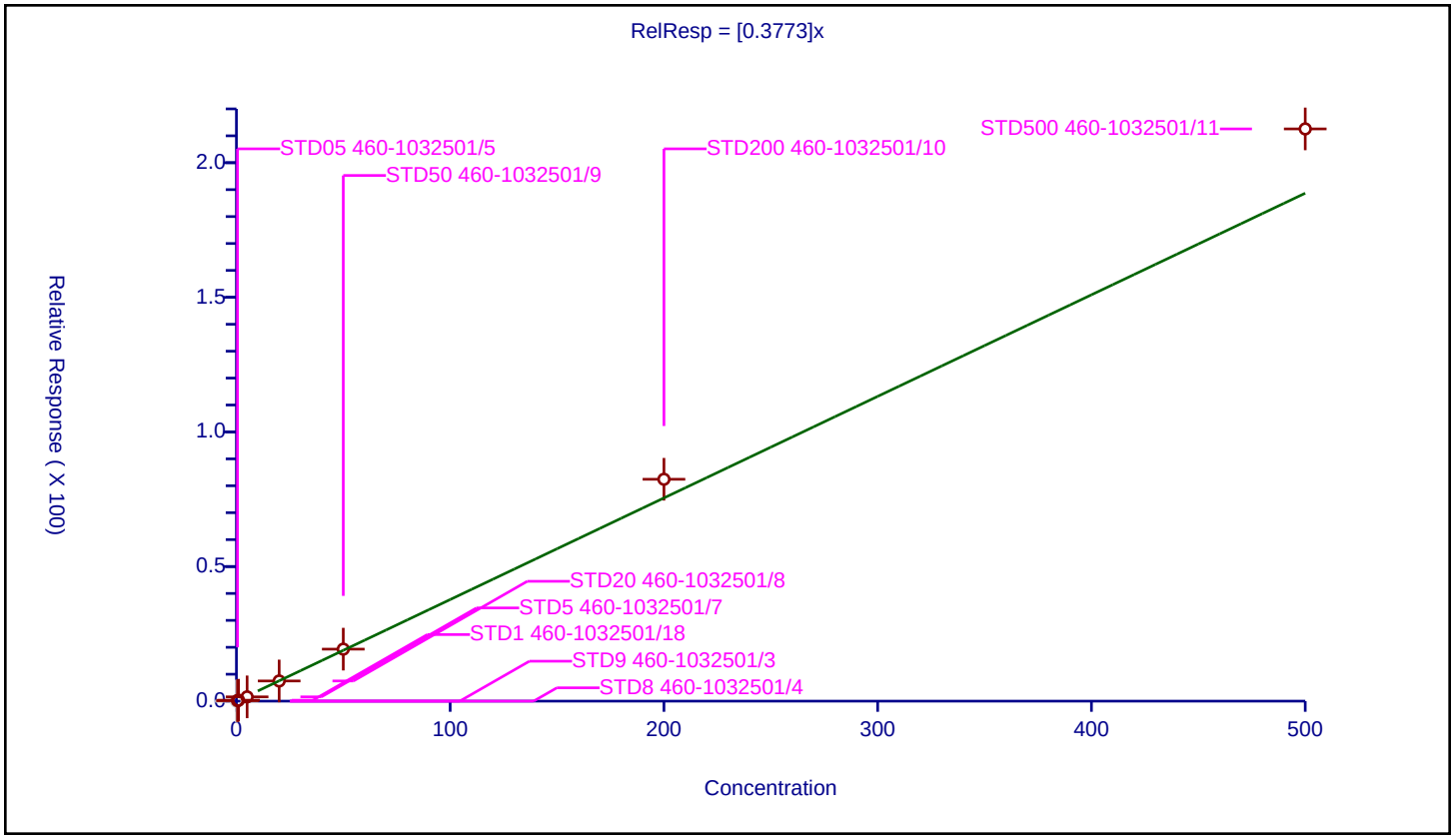
Curve Coefficients

Intercept:	0
Slope:	0.3773

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.190166	50.0	519546.0	0.380332	Y
4	STD1 460-1032501/18	1.0	0.345632	50.0	484909.0	0.345632	Y
5	STD5 460-1032501/7	5.0	1.585543	50.0	512348.0	0.317109	Y
6	STD20 460-1032501/8	20.0	7.49626	50.0	531405.0	0.374813	Y
7	STD50 460-1032501/9	50.0	19.315421	50.0	531363.0	0.386308	Y
8	STD200 460-1032501/10	200.0	82.417082	50.0	540863.0	0.412085	Y
9	STD500 460-1032501/11	500.0	212.563637	50.0	550187.0	0.425127	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

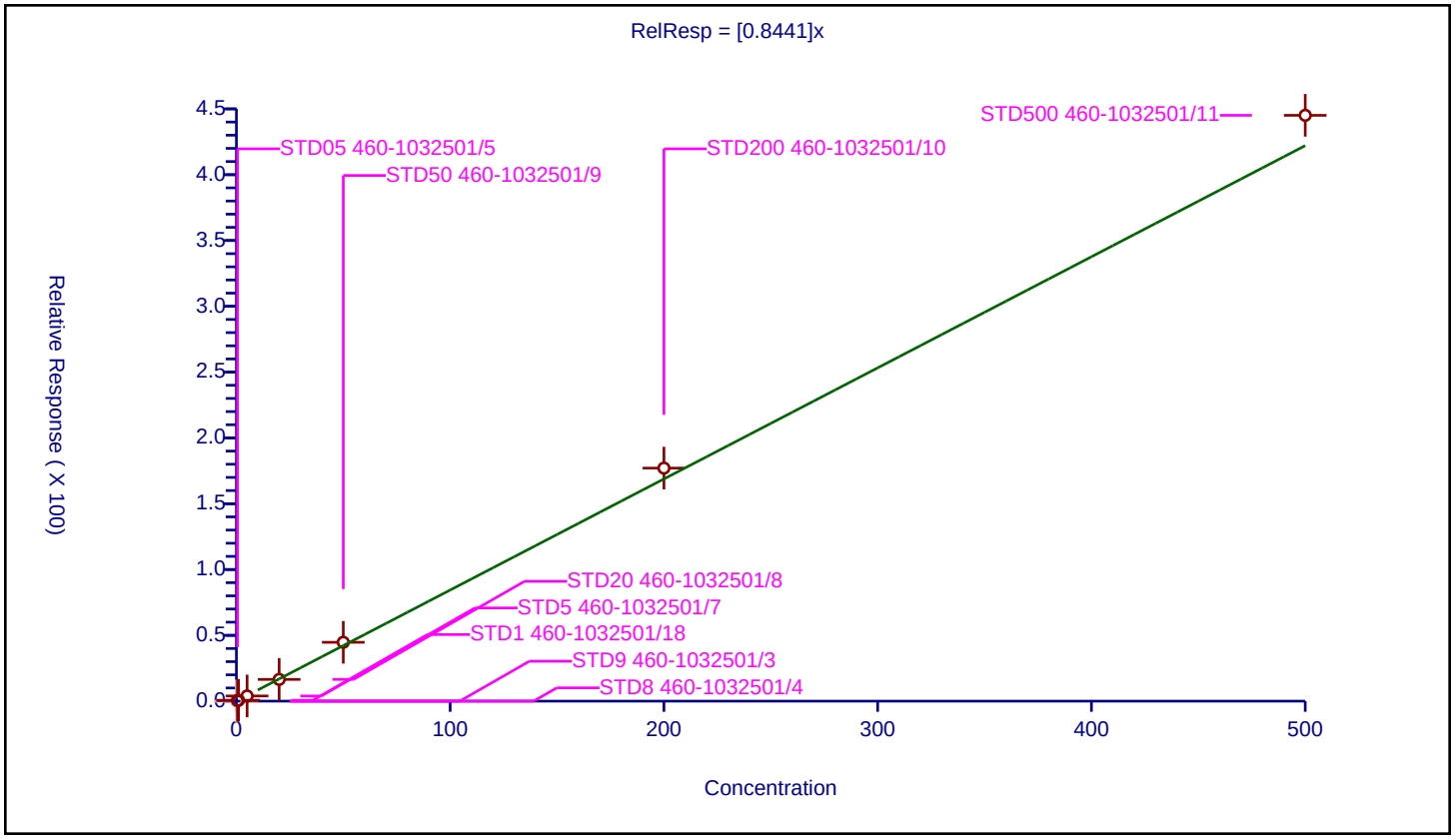
Curve Coefficients

Intercept:	0
Slope:	0.8441

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.475704	50.0	519546.0	0.951408	Y
4	STD1 460-1032501/18	1.0	0.674147	50.0	484909.0	0.674147	Y
5	STD5 460-1032501/7	5.0	3.940583	50.0	512348.0	0.788117	Y
6	STD20 460-1032501/8	20.0	16.506619	50.0	531405.0	0.825331	Y
7	STD50 460-1032501/9	50.0	44.719429	50.0	531363.0	0.894389	Y
8	STD200 460-1032501/10	200.0	177.063046	50.0	540863.0	0.885315	Y
9	STD500 460-1032501/11	500.0	445.106755	50.0	550187.0	0.890214	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

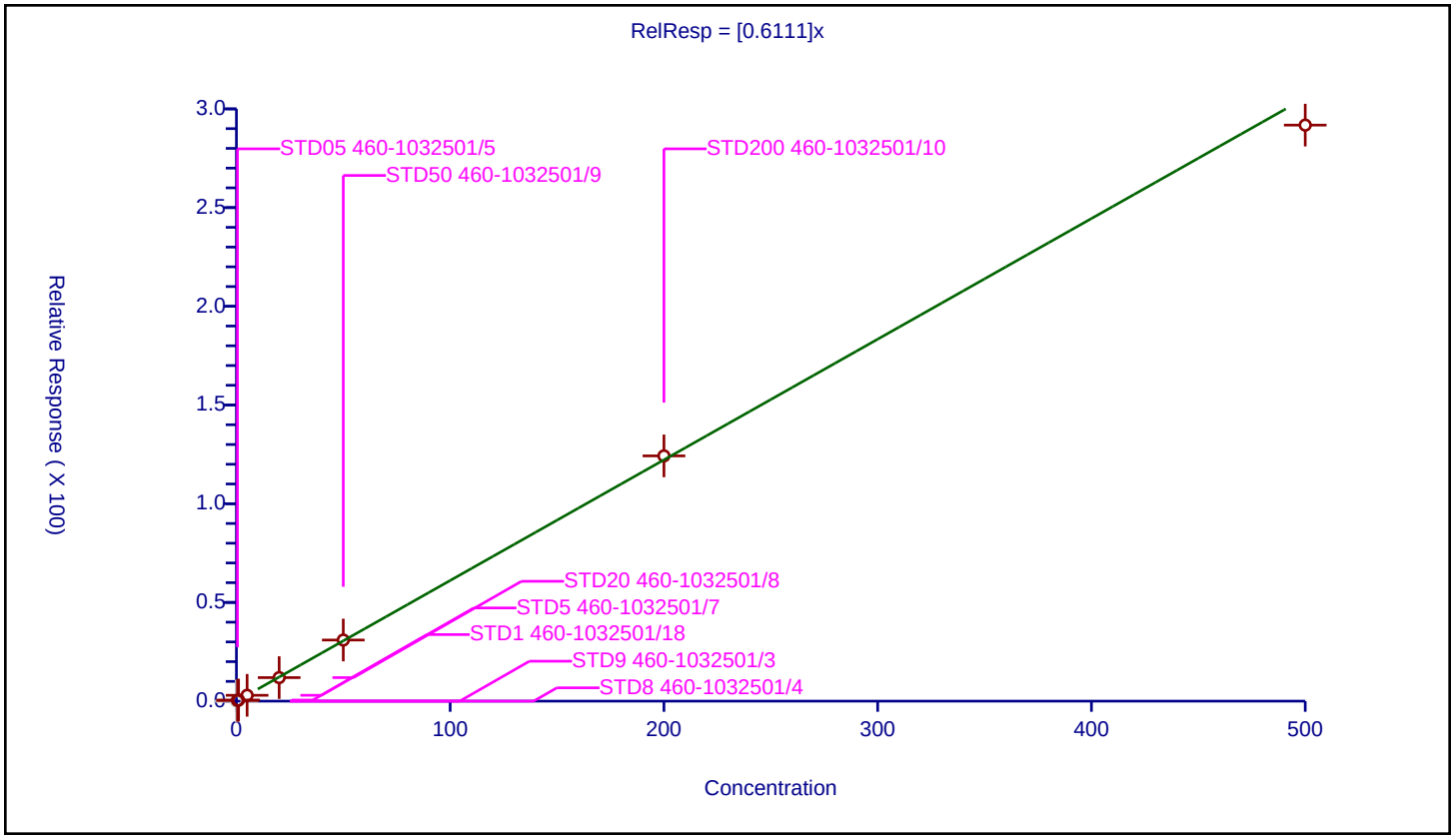
Curve Coefficients

Intercept:	0
Slope:	0.6111

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.360507	50.0	519546.0	0.721014	Y
4	STD1 460-1032501/18	1.0	0.543813	50.0	484909.0	0.543813	Y
5	STD5 460-1032501/7	5.0	2.96566	50.0	512348.0	0.593132	Y
6	STD20 460-1032501/8	20.0	11.921416	50.0	531405.0	0.596071	Y
7	STD50 460-1032501/9	50.0	30.95511	50.0	531363.0	0.619102	Y
8	STD200 460-1032501/10	200.0	124.238578	50.0	540863.0	0.621193	Y
9	STD500 460-1032501/11	500.0	291.788519	50.0	550187.0	0.583577	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

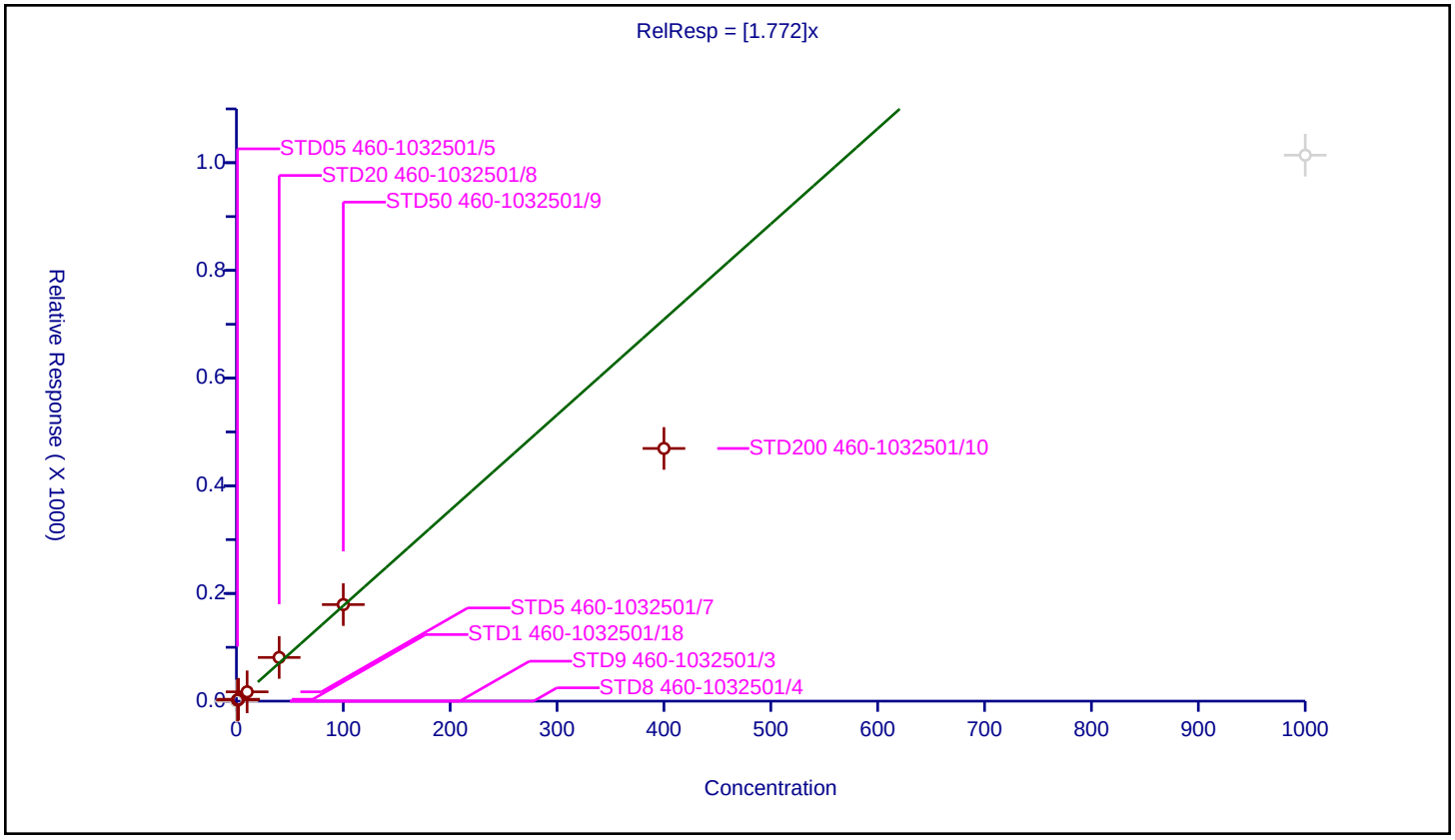
Curve Coefficients

Intercept:	0
Slope:	1.772

Error Coefficients

Relative Standard Deviation:	19.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	250.0	162445.0	NaN	N
2	STD9 460-1032501/3	0.4	0.0	250.0	212708.0	0.0	N
3	STD05 460-1032501/5	1.0	2.157212	250.0	98275.0	2.157212	Y
4	STD1 460-1032501/18	2.0	3.500133	250.0	90068.0	1.750067	Y
5	STD5 460-1032501/7	10.0	17.31123	250.0	94043.0	1.731123	Y
6	STD20 460-1032501/8	40.0	81.135781	250.0	87332.0	2.028395	Y
7	STD50 460-1032501/9	100.0	179.343985	250.0	107528.0	1.79344	Y
8	STD200 460-1032501/10	400.0	469.333238	250.0	174725.0	1.173333	Y
9	STD500 460-1032501/11	1000.0	1014.035409	250.0	199442.0	1.014035	N



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

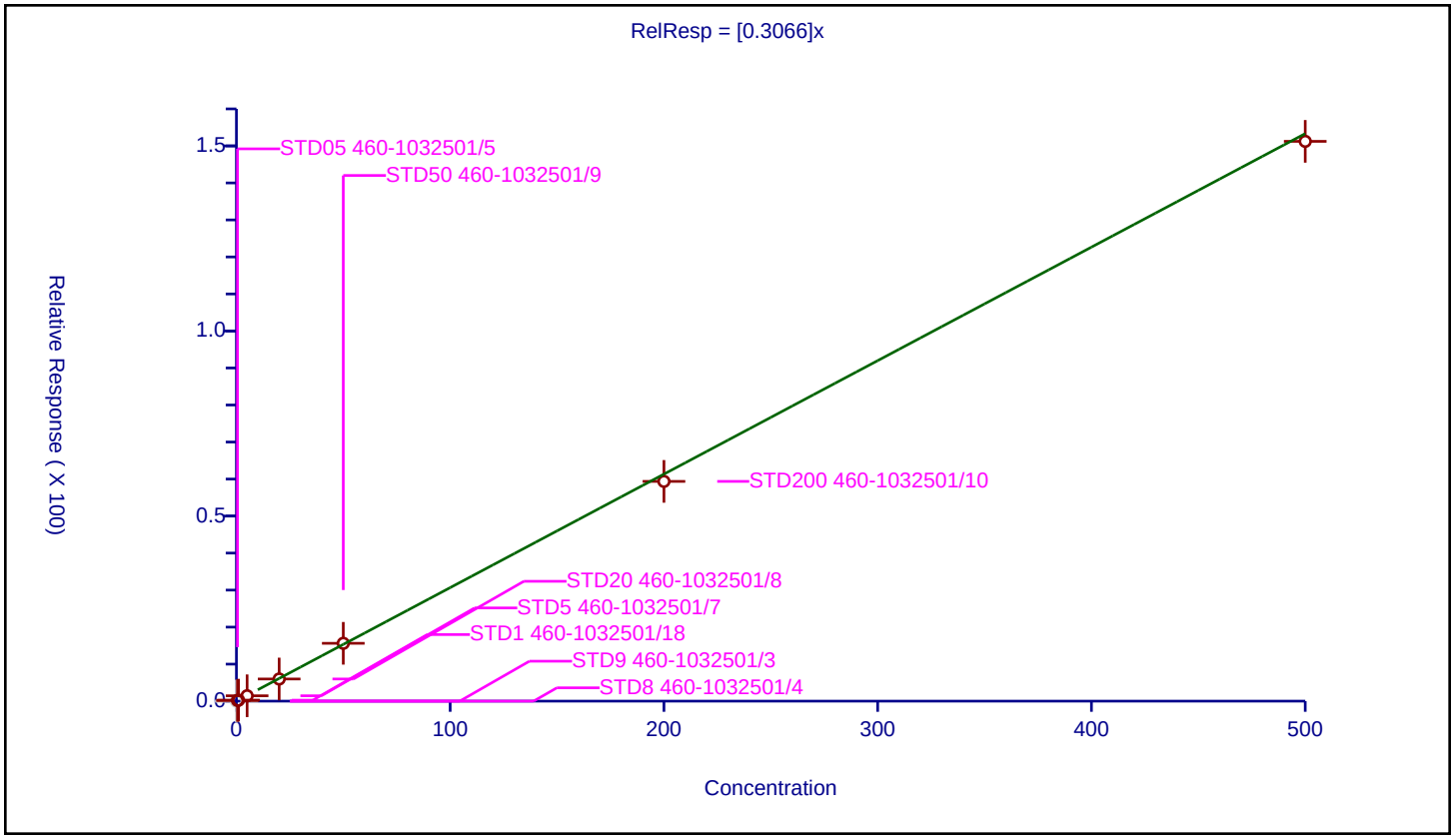
Curve Coefficients

Intercept:	0
Slope:	0.3066

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.191898	50.0	519546.0	0.383797	Y
4	STD1 460-1032501/18	1.0	0.262523	50.0	484909.0	0.262523	Y
5	STD5 460-1032501/7	5.0	1.446966	50.0	512348.0	0.289393	Y
6	STD20 460-1032501/8	20.0	5.979902	50.0	531405.0	0.298995	Y
7	STD50 460-1032501/9	50.0	15.623218	50.0	531363.0	0.312464	Y
8	STD200 460-1032501/10	200.0	59.364571	50.0	540863.0	0.296823	Y
9	STD500 460-1032501/11	500.0	151.226765	50.0	550187.0	0.302454	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

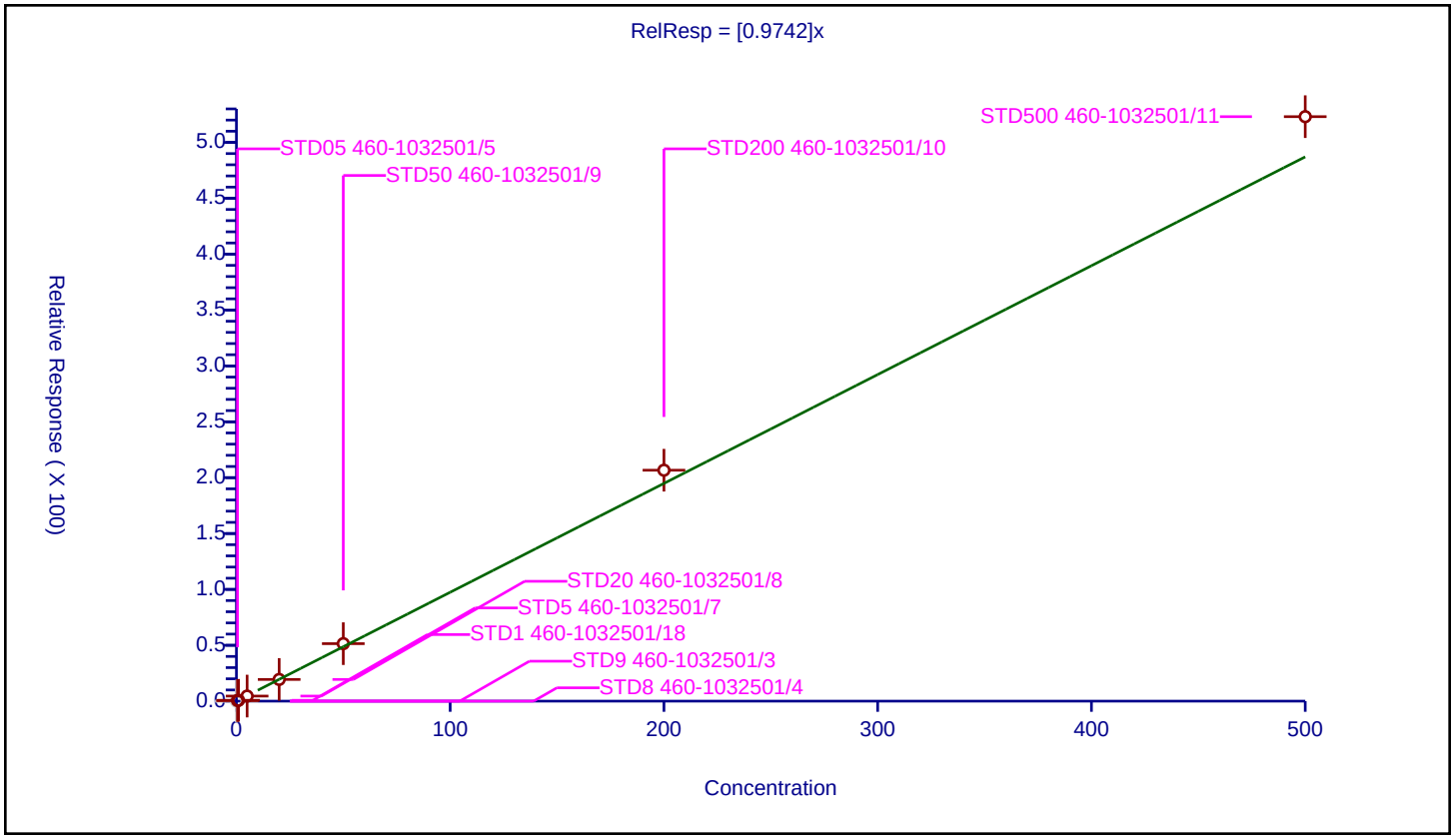
Curve Coefficients

Intercept:	0
Slope:	0.9742

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.53643	50.0	519546.0	1.07286	Y
4	STD1 460-1032501/18	1.0	0.761483	50.0	484909.0	0.761483	Y
5	STD5 460-1032501/7	5.0	4.530124	50.0	512348.0	0.906025	Y
6	STD20 460-1032501/8	20.0	19.414383	50.0	531405.0	0.970719	Y
7	STD50 460-1032501/9	50.0	51.436777	50.0	531363.0	1.028736	Y
8	STD200 460-1032501/10	200.0	206.651315	50.0	540863.0	1.033257	Y
9	STD500 460-1032501/11	500.0	523.028443	50.0	550187.0	1.046057	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

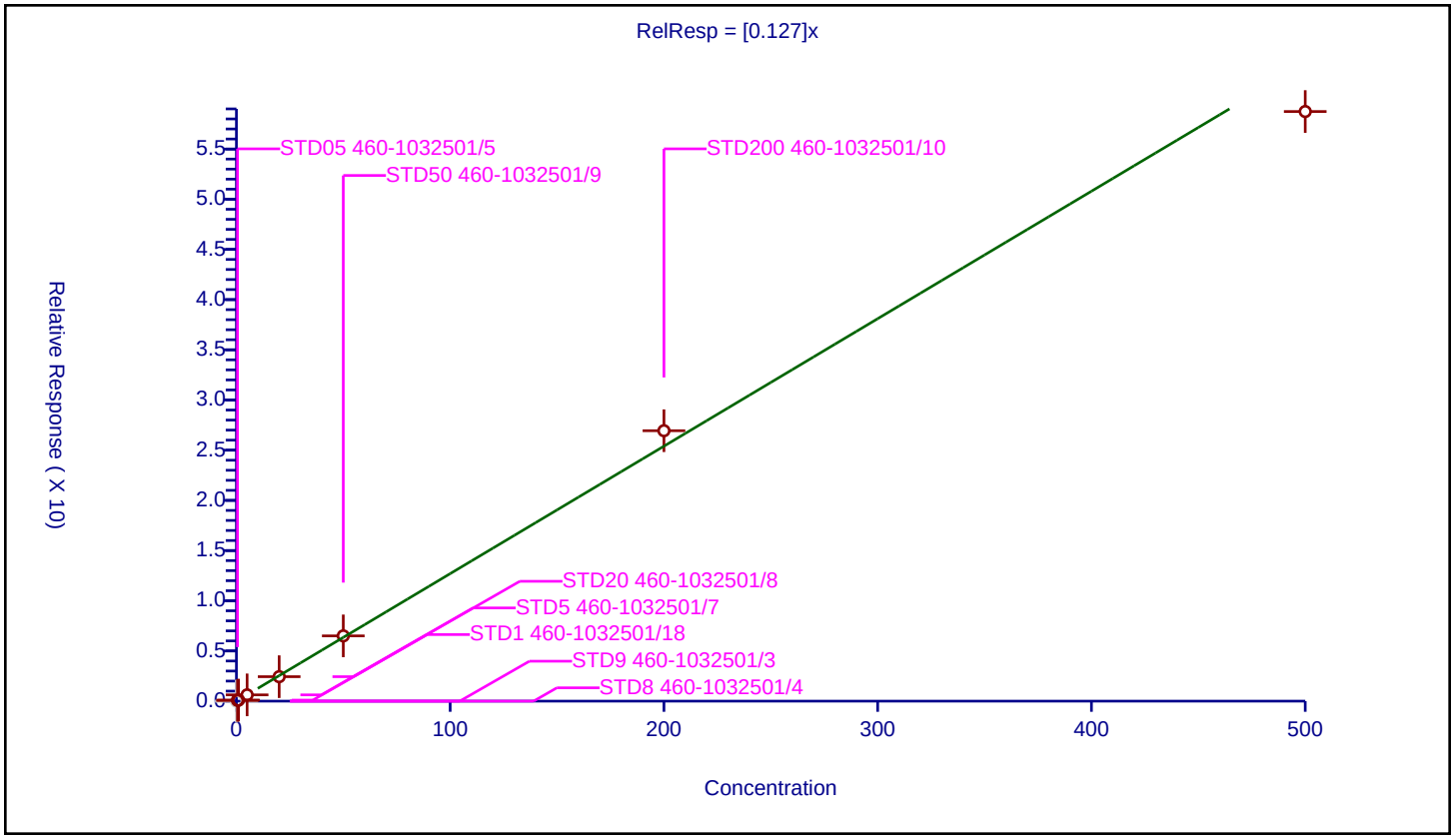
Curve Coefficients

Intercept:	0
Slope:	0.127

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.078626	50.0	519546.0	0.157253	Y
4	STD1 460-1032501/18	1.0	0.102803	50.0	484909.0	0.102803	Y
5	STD5 460-1032501/7	5.0	0.624185	50.0	512348.0	0.124837	Y
6	STD20 460-1032501/8	20.0	2.437218	50.0	531405.0	0.121861	Y
7	STD50 460-1032501/9	50.0	6.503181	50.0	531363.0	0.130064	Y
8	STD200 460-1032501/10	200.0	26.939909	50.0	540863.0	0.1347	Y
9	STD500 460-1032501/11	500.0	58.736121	50.0	550187.0	0.117472	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

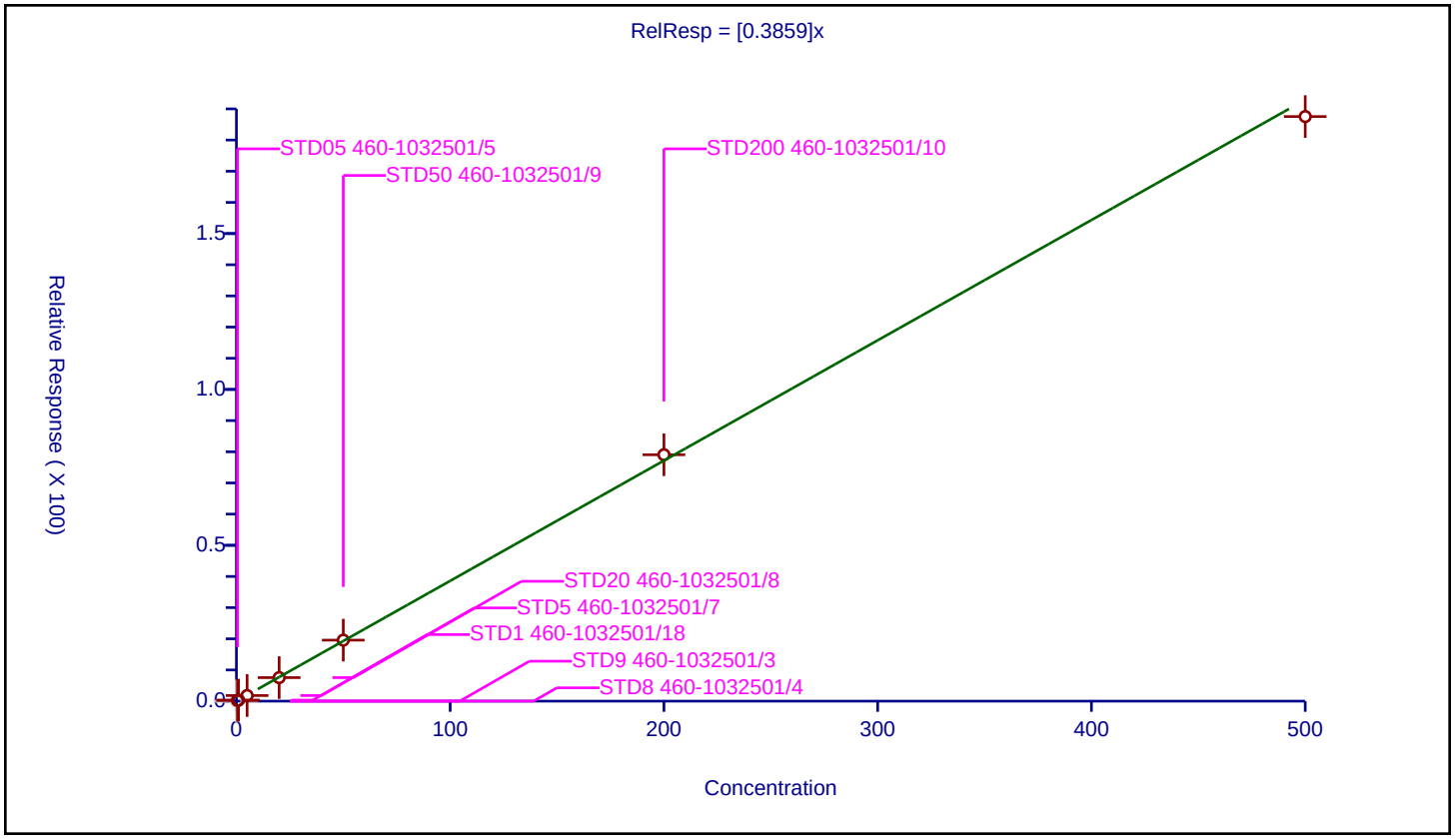
Curve Coefficients

Intercept:	0
Slope:	0.3859

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.234243	50.0	519546.0	0.468486	Y
4	STD1 460-1032501/18	1.0	0.332743	50.0	484909.0	0.332743	Y
5	STD5 460-1032501/7	5.0	1.802779	50.0	512348.0	0.360556	Y
6	STD20 460-1032501/8	20.0	7.548668	50.0	531405.0	0.377433	Y
7	STD50 460-1032501/9	50.0	19.571178	50.0	531363.0	0.391424	Y
8	STD200 460-1032501/10	200.0	79.051534	50.0	540863.0	0.395258	Y
9	STD500 460-1032501/11	500.0	187.536874	50.0	550187.0	0.375074	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

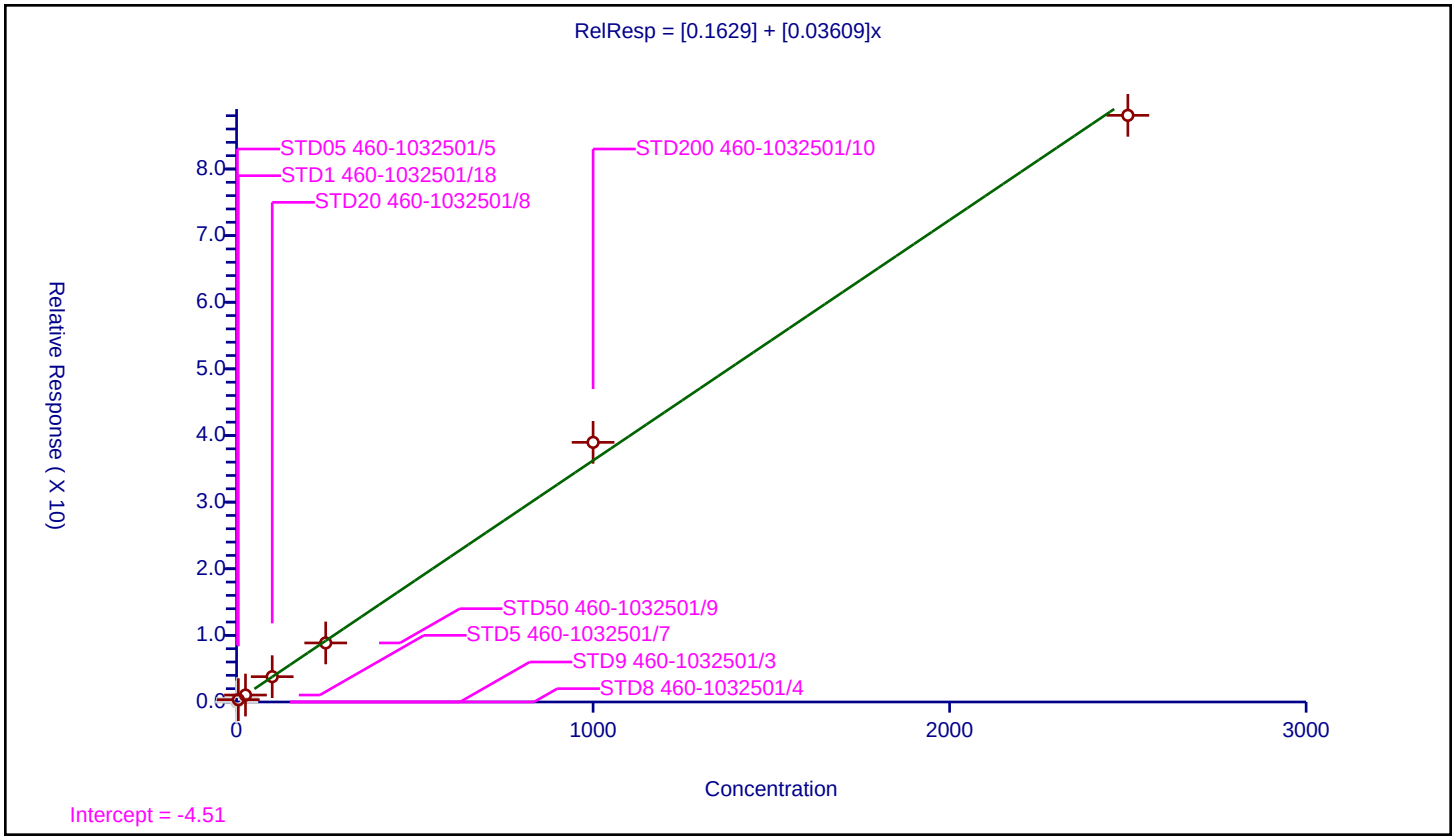
Curve Coefficients

Intercept:	0.1629
Slope:	0.03609

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	1.0	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	2.5	0.520166	50.0	519546.0	0.208066	N
4	STD1 460-1032501/18	5.0	0.344291	50.0	484909.0	0.068858	Y
5	STD5 460-1032501/7	25.0	1.040699	50.0	512348.0	0.041628	Y
6	STD20 460-1032501/8	100.0	3.79955	50.0	531405.0	0.037996	Y
7	STD50 460-1032501/9	250.0	8.862303	50.0	531363.0	0.035449	Y
8	STD200 460-1032501/10	1000.0	38.967724	50.0	540863.0	0.038968	Y
9	STD500 460-1032501/11	2500.0	88.052608	50.0	550187.0	0.035221	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

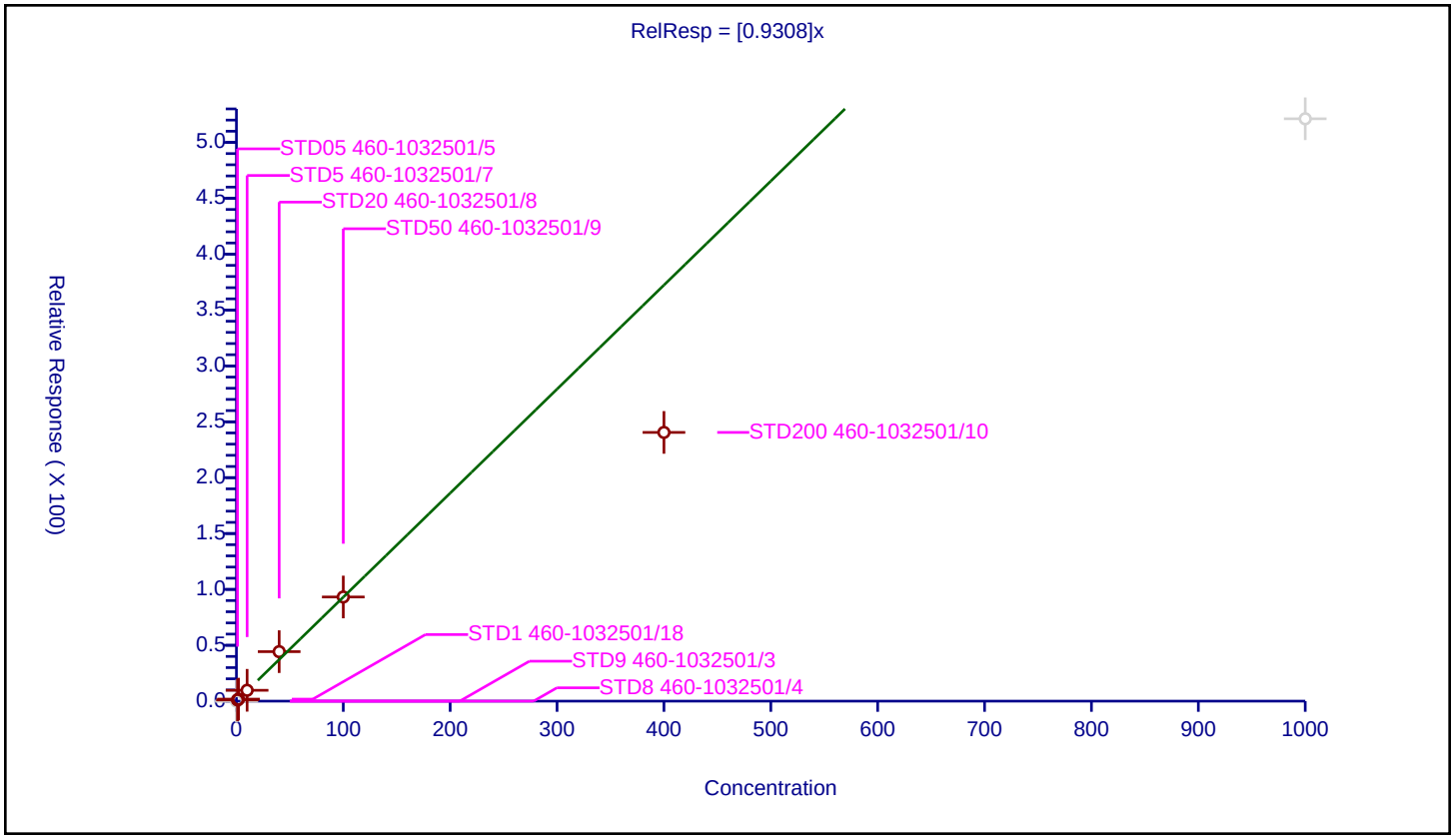
Curve Coefficients

Intercept:	0
Slope:	0.9308

Error Coefficients

Relative Standard Deviation:	19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	250.0	162445.0	NaN	N
2	STD9 460-1032501/3	0.4	0.0	250.0	212708.0	0.0	N
3	STD05 460-1032501/5	1.0	1.078606	250.0	98275.0	1.078606	Y
4	STD1 460-1032501/18	2.0	1.790314	250.0	90068.0	0.895157	Y
5	STD5 460-1032501/7	10.0	9.705667	250.0	94043.0	0.970567	Y
6	STD20 460-1032501/8	40.0	44.285027	250.0	87332.0	1.107126	Y
7	STD50 460-1032501/9	100.0	93.215256	250.0	107528.0	0.932153	Y
8	STD200 460-1032501/10	400.0	240.476463	250.0	174725.0	0.601191	Y
9	STD500 460-1032501/11	1000.0	521.152766	250.0	199442.0	0.521153	N



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

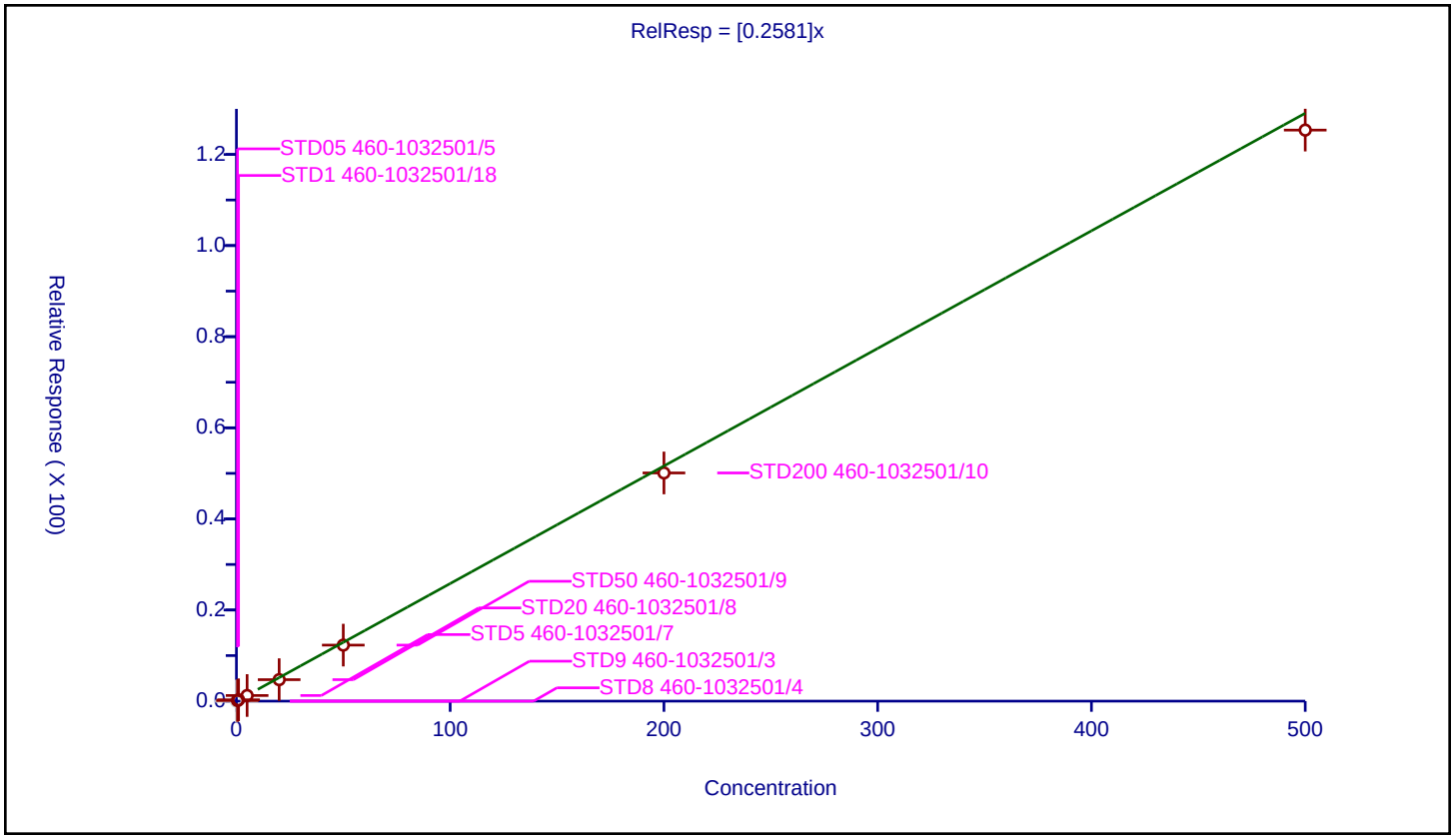
Curve Coefficients

Intercept:	0
Slope:	0.2581

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.139641	50.0	519546.0	0.279282	Y
4	STD1 460-1032501/18	1.0	0.297685	50.0	484909.0	0.297685	Y
5	STD5 460-1032501/7	5.0	1.234512	50.0	512348.0	0.246902	Y
6	STD20 460-1032501/8	20.0	4.713354	50.0	531405.0	0.235668	Y
7	STD50 460-1032501/9	50.0	12.295173	50.0	531363.0	0.245903	Y
8	STD200 460-1032501/10	200.0	50.090226	50.0	540863.0	0.250451	Y
9	STD500 460-1032501/11	500.0	125.345928	50.0	550187.0	0.250692	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

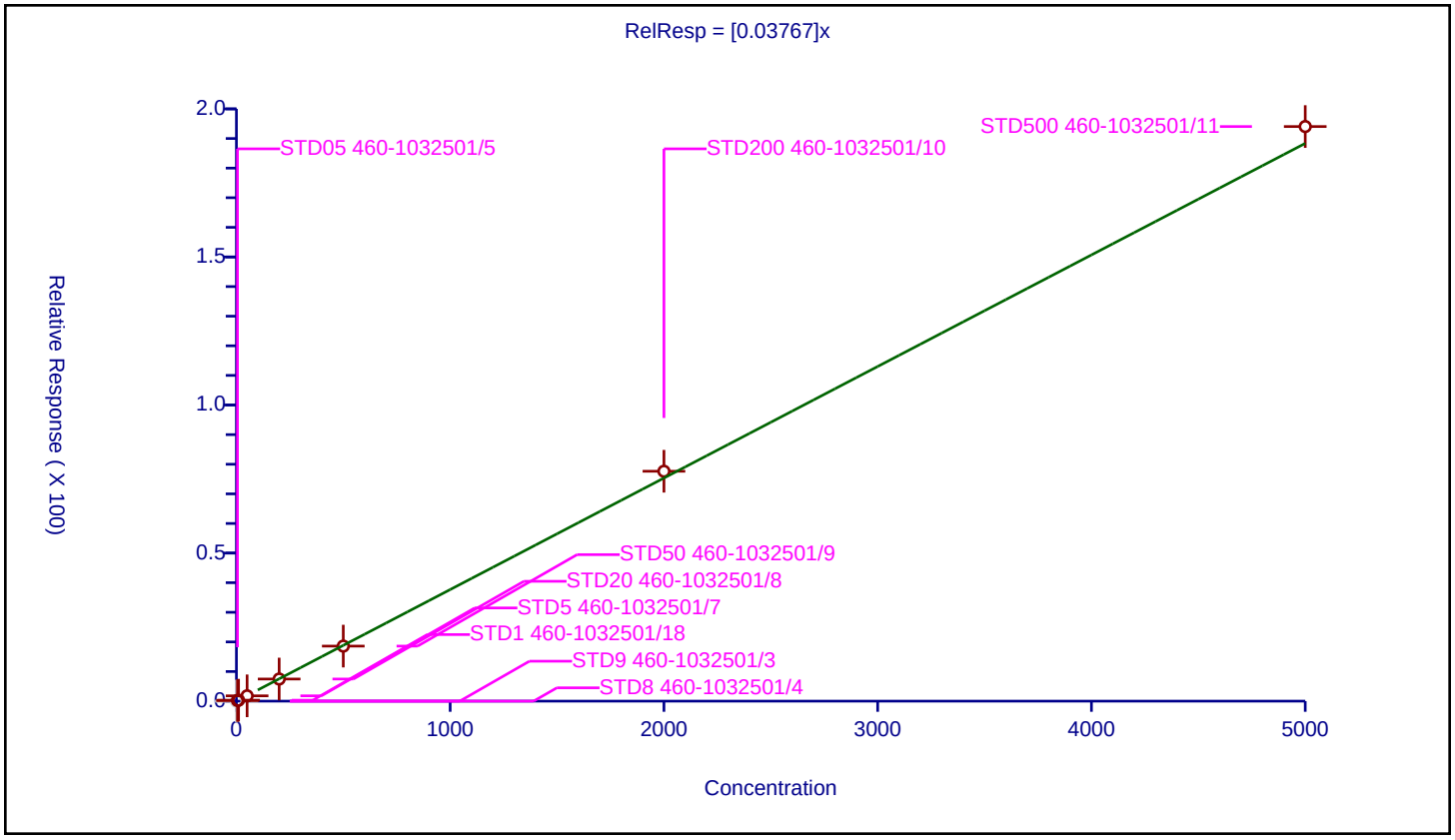
Curve Coefficients

Intercept:	0
Slope:	0.03767

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	2.0	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	5.0	0.219422	50.0	519546.0	0.043884	Y
4	STD1 460-1032501/18	10.0	0.318616	50.0	484909.0	0.031862	Y
5	STD5 460-1032501/7	50.0	1.790385	50.0	512348.0	0.035808	Y
6	STD20 460-1032501/8	200.0	7.469444	50.0	531405.0	0.037347	Y
7	STD50 460-1032501/9	500.0	18.585506	50.0	531363.0	0.037171	Y
8	STD200 460-1032501/10	2000.0	77.63038	50.0	540863.0	0.038815	Y
9	STD500 460-1032501/11	5000.0	194.035846	50.0	550187.0	0.038807	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

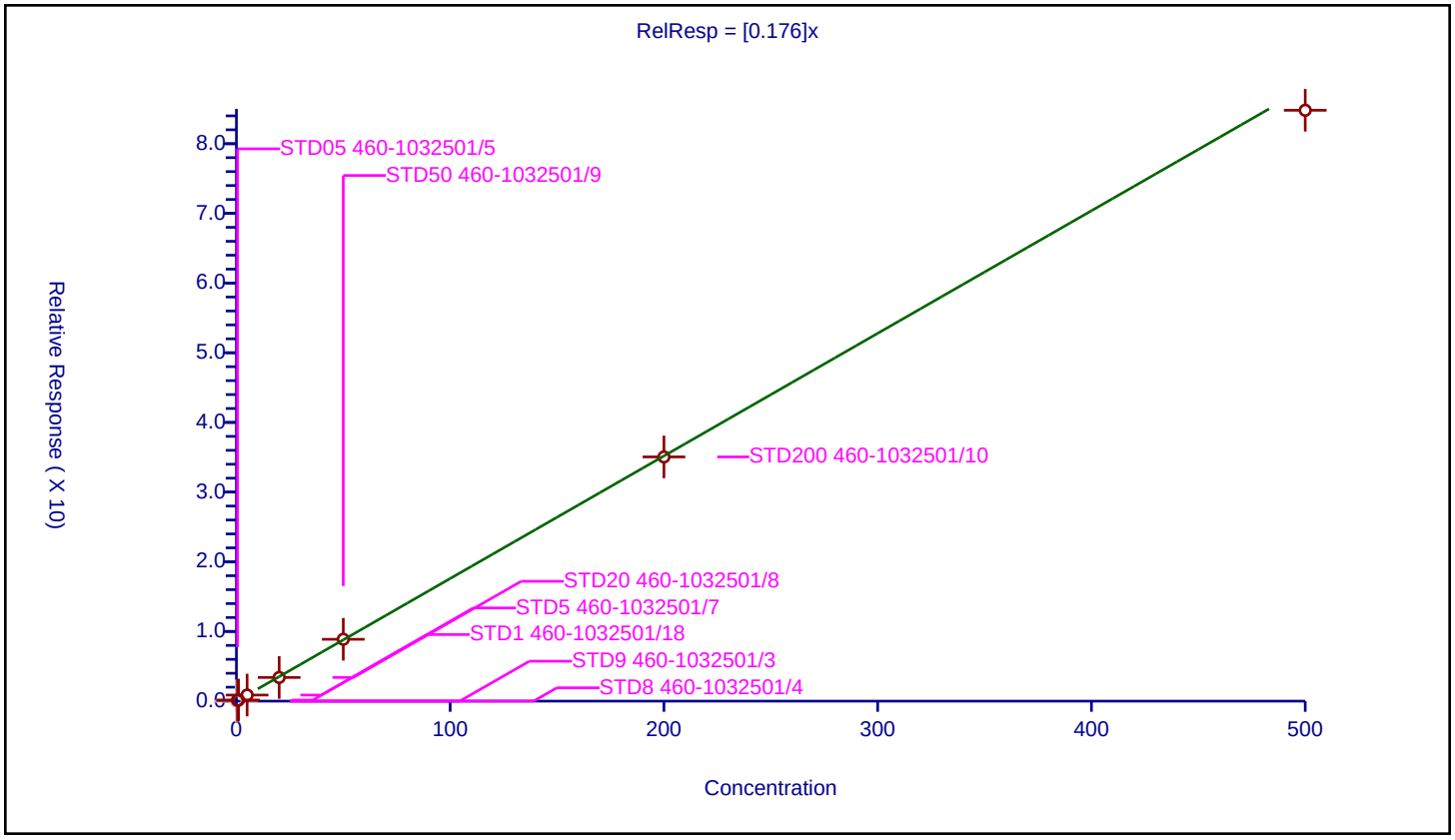
Curve Coefficients

Intercept:	0
Slope:	0.176

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.104129	50.0	519546.0	0.208259	Y
4	STD1 460-1032501/18	1.0	0.156215	50.0	484909.0	0.156215	Y
5	STD5 460-1032501/7	5.0	0.875284	50.0	512348.0	0.175057	Y
6	STD20 460-1032501/8	20.0	3.395339	50.0	531405.0	0.169767	Y
7	STD50 460-1032501/9	50.0	8.876888	50.0	531363.0	0.177538	Y
8	STD200 460-1032501/10	200.0	35.049356	50.0	540863.0	0.175247	Y
9	STD500 460-1032501/11	500.0	84.800077	50.0	550187.0	0.1696	Y



Calibration / Tetrahydrofuran

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

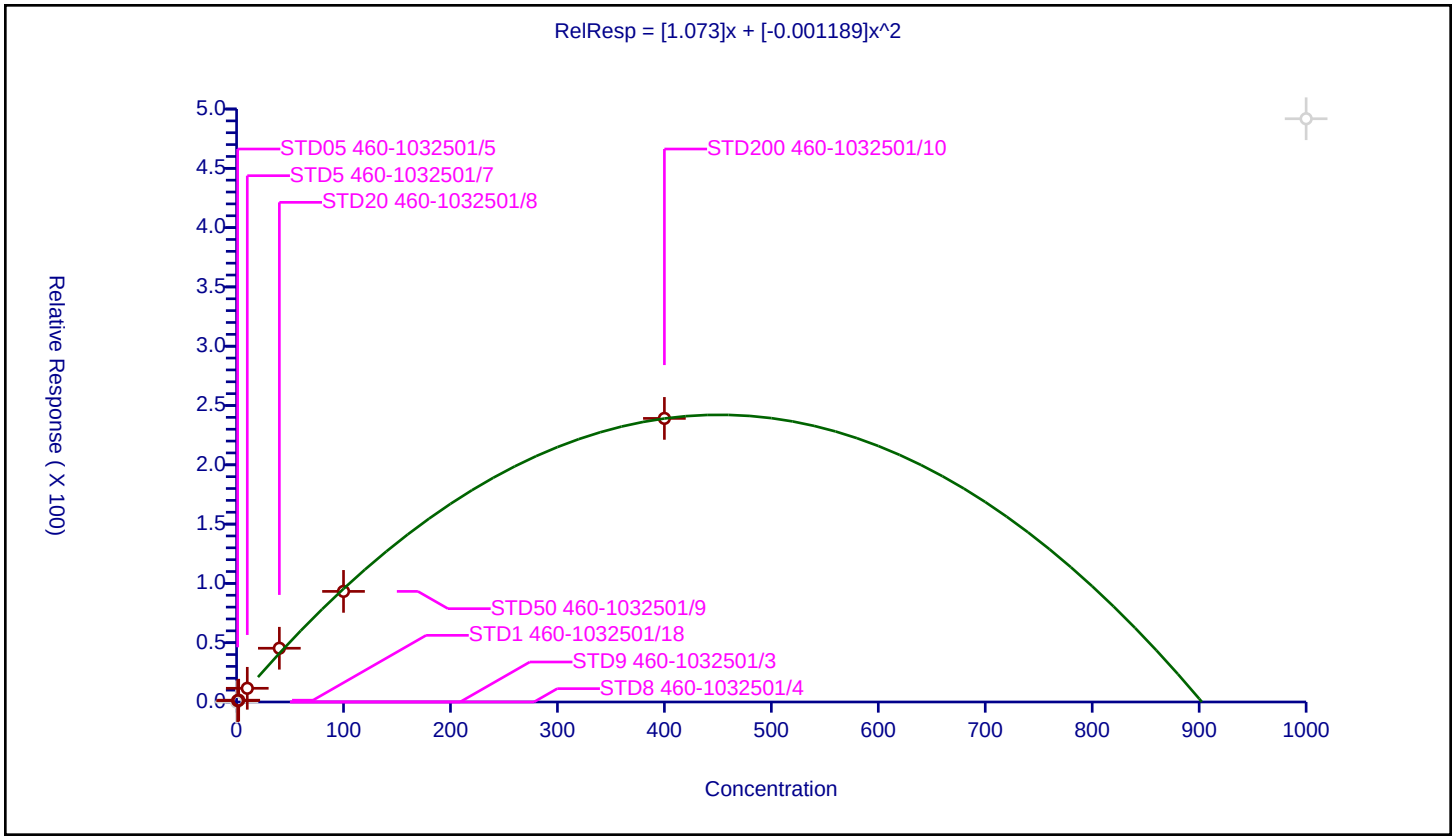
Curve Coefficients

Intercept:	0
Slope:	1.073
Second Order:	-0.001189

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	250.0	162445.0	NaN	N
2	STD9 460-1032501/3	0.4	0.0	250.0	212708.0	0.0	N
3	STD05 460-1032501/5	1.0	1.167642	250.0	98275.0	1.167642	Y
4	STD1 460-1032501/18	2.0	1.523849	250.0	90068.0	0.761924	Y
5	STD5 460-1032501/7	10.0	11.550567	250.0	94043.0	1.155057	Y
6	STD20 460-1032501/8	40.0	45.309852	250.0	87332.0	1.132746	Y
7	STD50 460-1032501/9	100.0	93.266405	250.0	107528.0	0.932664	Y
8	STD200 460-1032501/10	400.0	239.128631	250.0	174725.0	0.597822	Y
9	STD500 460-1032501/11	1000.0	491.785832	250.0	199442.0	0.491786	N



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

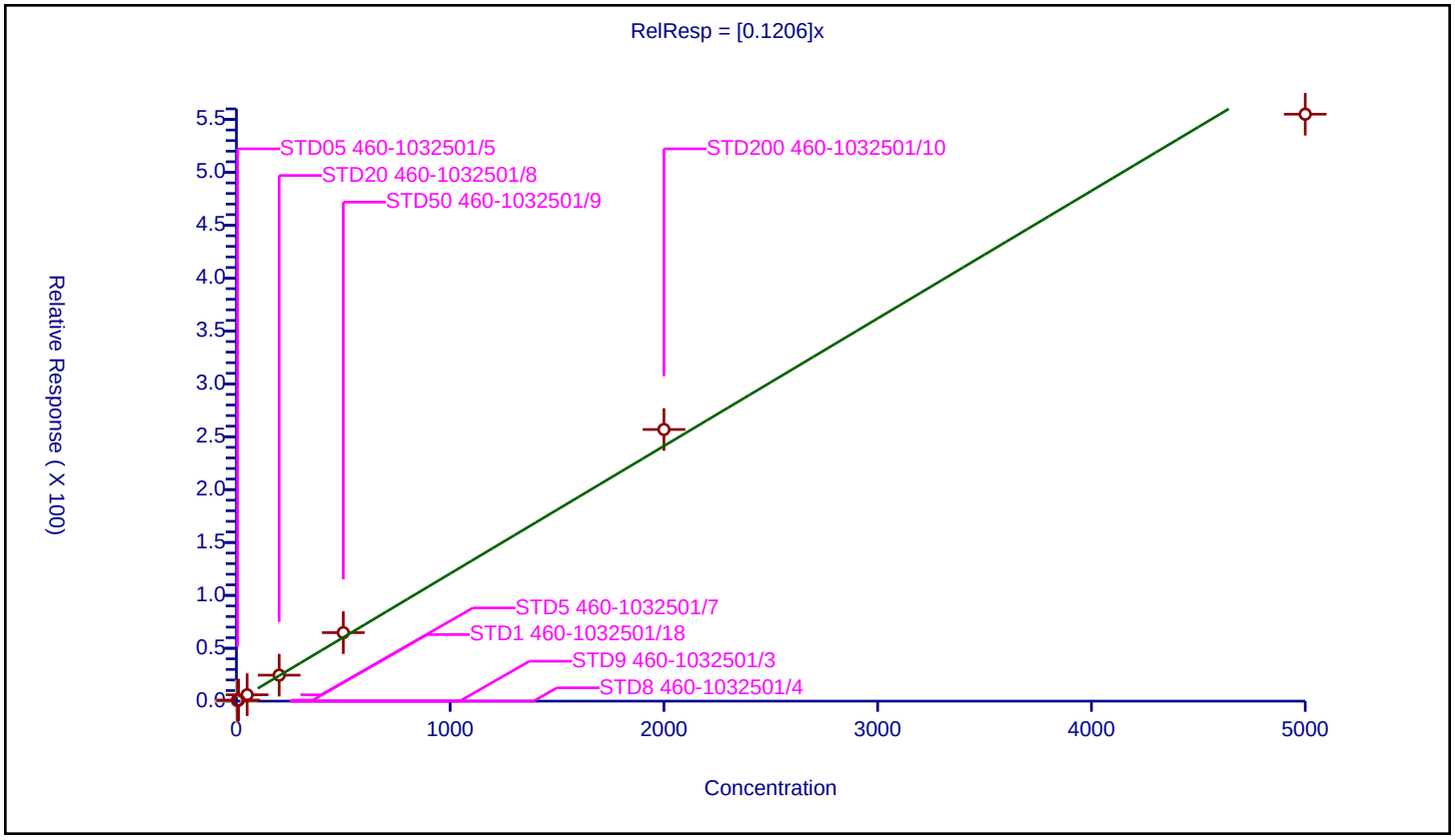
Curve Coefficients

Intercept:	0
Slope:	0.1206

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	2.0	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	5.0	0.670297	50.0	519546.0	0.134059	Y
4	STD1 460-1032501/18	10.0	0.980699	50.0	484909.0	0.09807	Y
5	STD5 460-1032501/7	50.0	6.021396	50.0	512348.0	0.120428	Y
6	STD20 460-1032501/8	200.0	24.570996	50.0	531405.0	0.122855	Y
7	STD50 460-1032501/9	500.0	64.782738	50.0	531363.0	0.129565	Y
8	STD200 460-1032501/10	2000.0	256.858484	50.0	540863.0	0.128429	Y
9	STD500 460-1032501/11	5000.0	554.980034	50.0	550187.0	0.110996	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

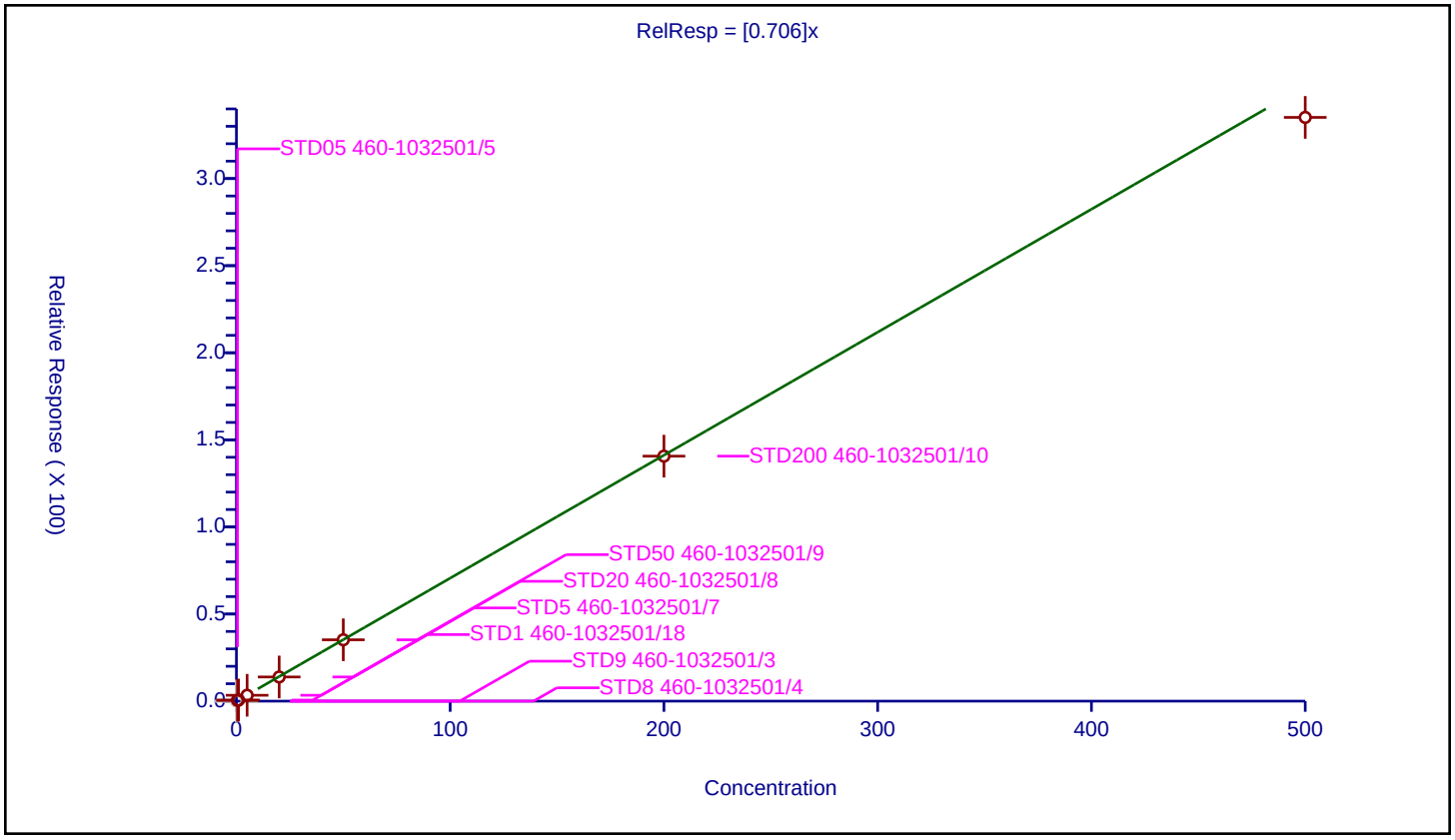
Curve Coefficients

Intercept:	0
Slope:	0.706

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.439711	50.0	519546.0	0.879422	Y
4	STD1 460-1032501/18	1.0	0.618054	50.0	484909.0	0.618054	Y
5	STD5 460-1032501/7	5.0	3.364608	50.0	512348.0	0.672922	Y
6	STD20 460-1032501/8	20.0	13.878304	50.0	531405.0	0.693915	Y
7	STD50 460-1032501/9	50.0	35.21905	50.0	531363.0	0.704381	Y
8	STD200 460-1032501/10	200.0	140.643841	50.0	540863.0	0.703219	Y
9	STD500 460-1032501/11	500.0	335.11597	50.0	550187.0	0.670232	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

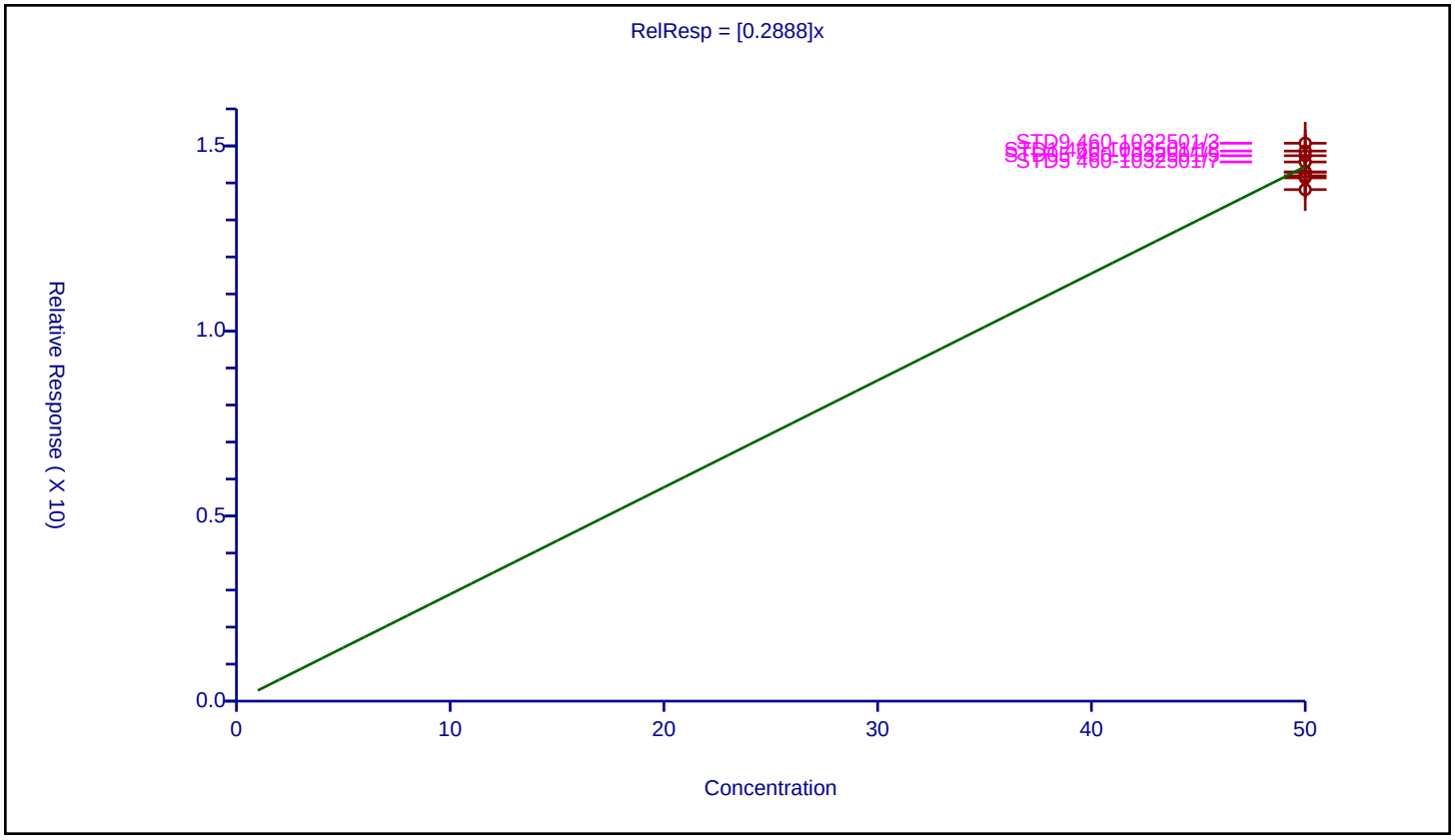
Curve Coefficients

Intercept:	0
Slope:	0.2888

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	50.0	15.072778	50.0	505169.0	0.301456	Y
2	STD8 460-1032501/4	50.0	14.193457	50.0	549239.0	0.283869	Y
3	STD05 460-1032501/5	50.0	14.735269	50.0	519546.0	0.294705	Y
4	STD5 460-1032501/7	50.0	14.566369	50.0	512348.0	0.291327	Y
5	STD20 460-1032501/8	50.0	14.293806	50.0	531405.0	0.285876	Y
6	STD50 460-1032501/9	50.0	14.29663	50.0	531363.0	0.285933	Y
7	STD200 460-1032501/10	50.0	14.136574	50.0	540863.0	0.282731	Y
8	STD500 460-1032501/11	50.0	13.819756	50.0	550187.0	0.276395	Y
9	STD1 460-1032501/18	50.0	14.861448	50.0	484909.0	0.297229	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

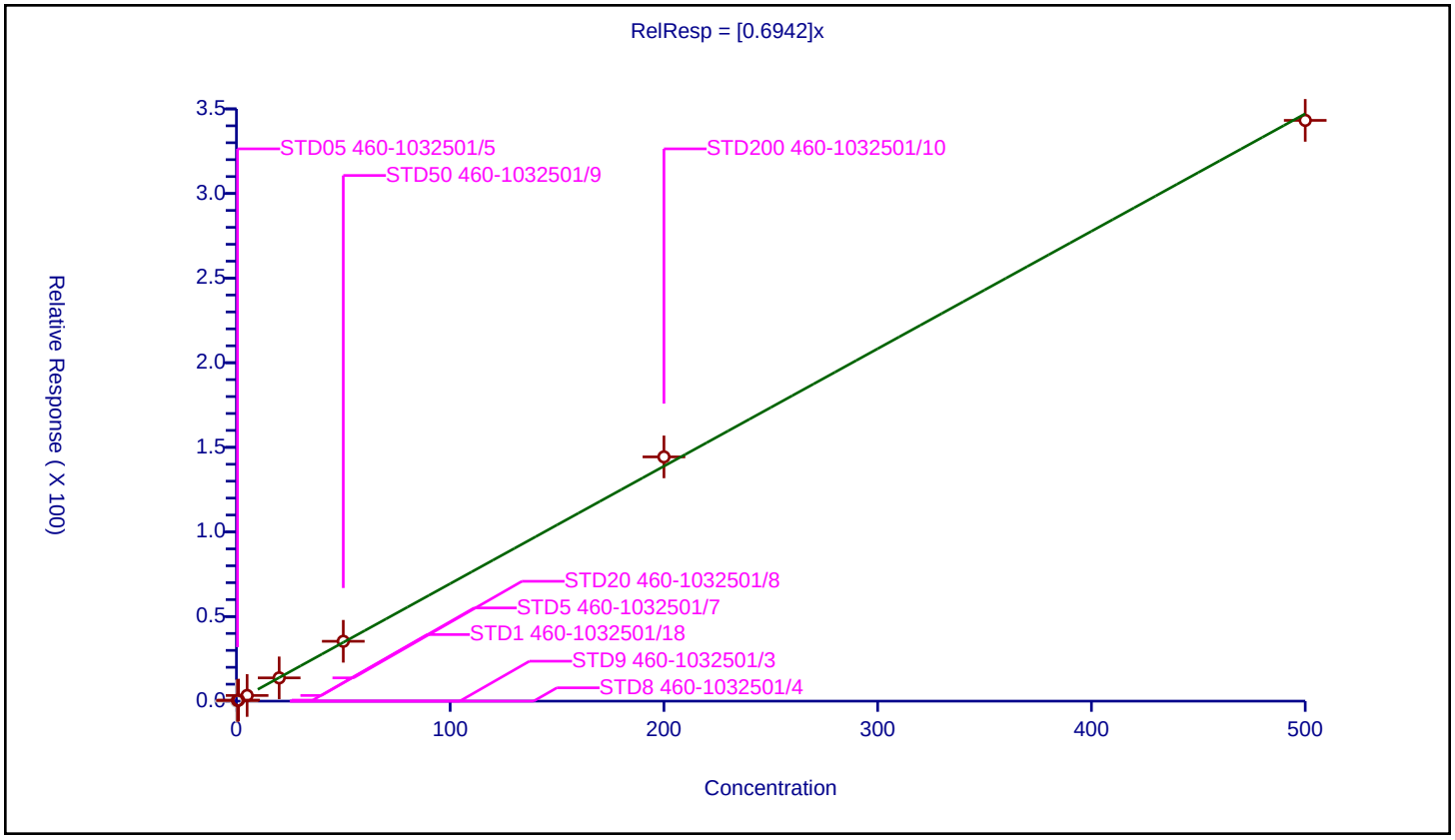
Curve Coefficients

Intercept:	0
Slope:	0.6942

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.394287	50.0	519546.0	0.788573	Y
4	STD1 460-1032501/18	1.0	0.598566	50.0	484909.0	0.598566	Y
5	STD5 460-1032501/7	5.0	3.34587	50.0	512348.0	0.669174	Y
6	STD20 460-1032501/8	20.0	13.751564	50.0	531405.0	0.687578	Y
7	STD50 460-1032501/9	50.0	35.382686	50.0	531363.0	0.707654	Y
8	STD200 460-1032501/10	200.0	144.341081	50.0	540863.0	0.721705	Y
9	STD500 460-1032501/11	500.0	343.208854	50.0	550187.0	0.686418	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

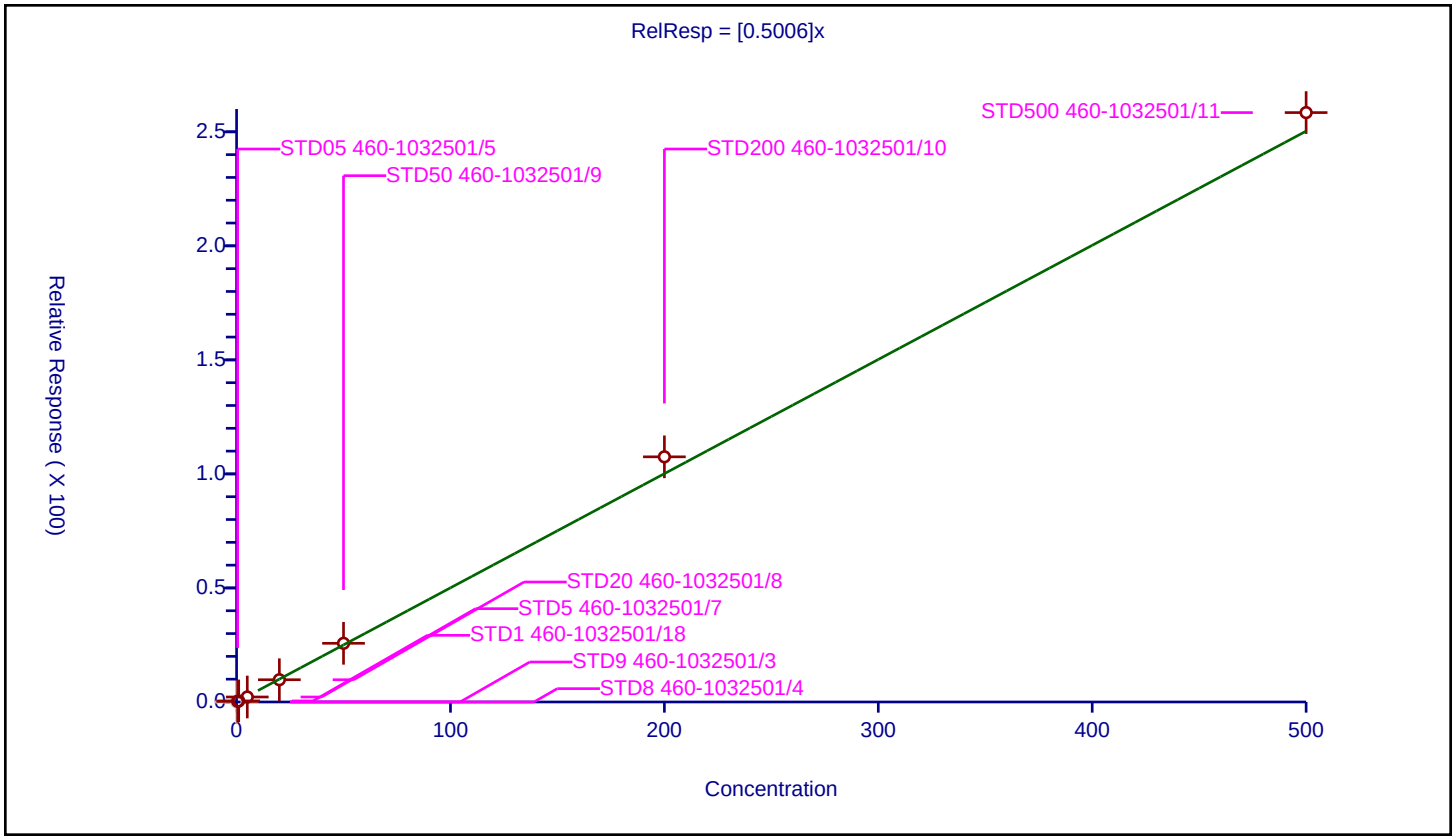
Curve Coefficients

Intercept:	0
Slope:	0.5006

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.271295	50.0	519546.0	0.542589	Y
4	STD1 460-1032501/18	1.0	0.466376	50.0	484909.0	0.466376	Y
5	STD5 460-1032501/7	5.0	2.19187	50.0	512348.0	0.438374	Y
6	STD20 460-1032501/8	20.0	9.761575	50.0	531405.0	0.488079	Y
7	STD50 460-1032501/9	50.0	25.723658	50.0	531363.0	0.514473	Y
8	STD200 460-1032501/10	200.0	107.494689	50.0	540863.0	0.537473	Y
9	STD500 460-1032501/11	500.0	258.427953	50.0	550187.0	0.516856	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

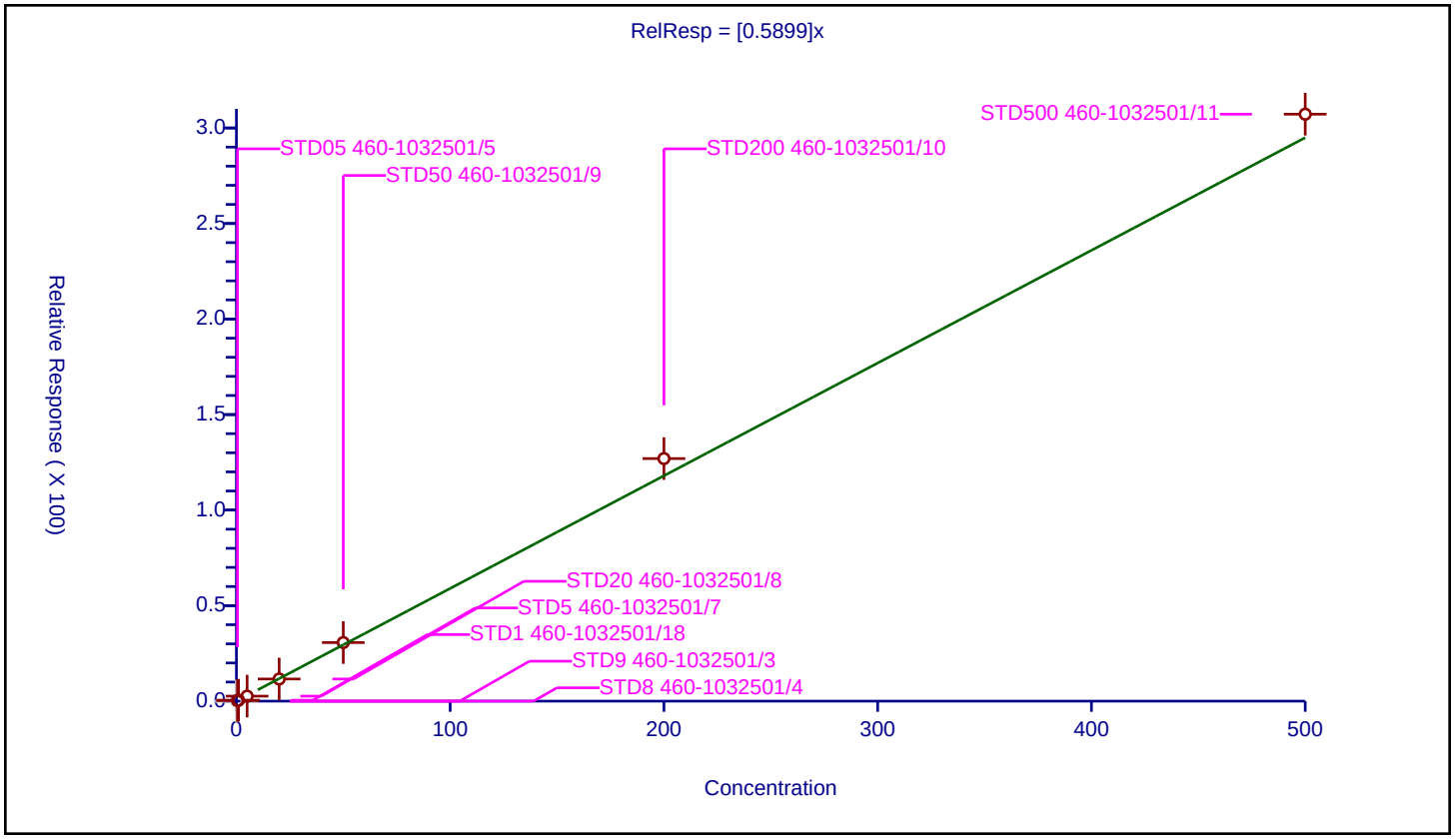
Curve Coefficients

Intercept:	0
Slope:	0.5899

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.338661	50.0	519546.0	0.677322	Y
4	STD1 460-1032501/18	1.0	0.485246	50.0	484909.0	0.485246	Y
5	STD5 460-1032501/7	5.0	2.622924	50.0	512348.0	0.524585	Y
6	STD20 460-1032501/8	20.0	11.590971	50.0	531405.0	0.579549	Y
7	STD50 460-1032501/9	50.0	30.663878	50.0	531363.0	0.613278	Y
8	STD200 460-1032501/10	200.0	126.963945	50.0	540863.0	0.63482	Y
9	STD500 460-1032501/11	500.0	307.223998	50.0	550187.0	0.614448	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

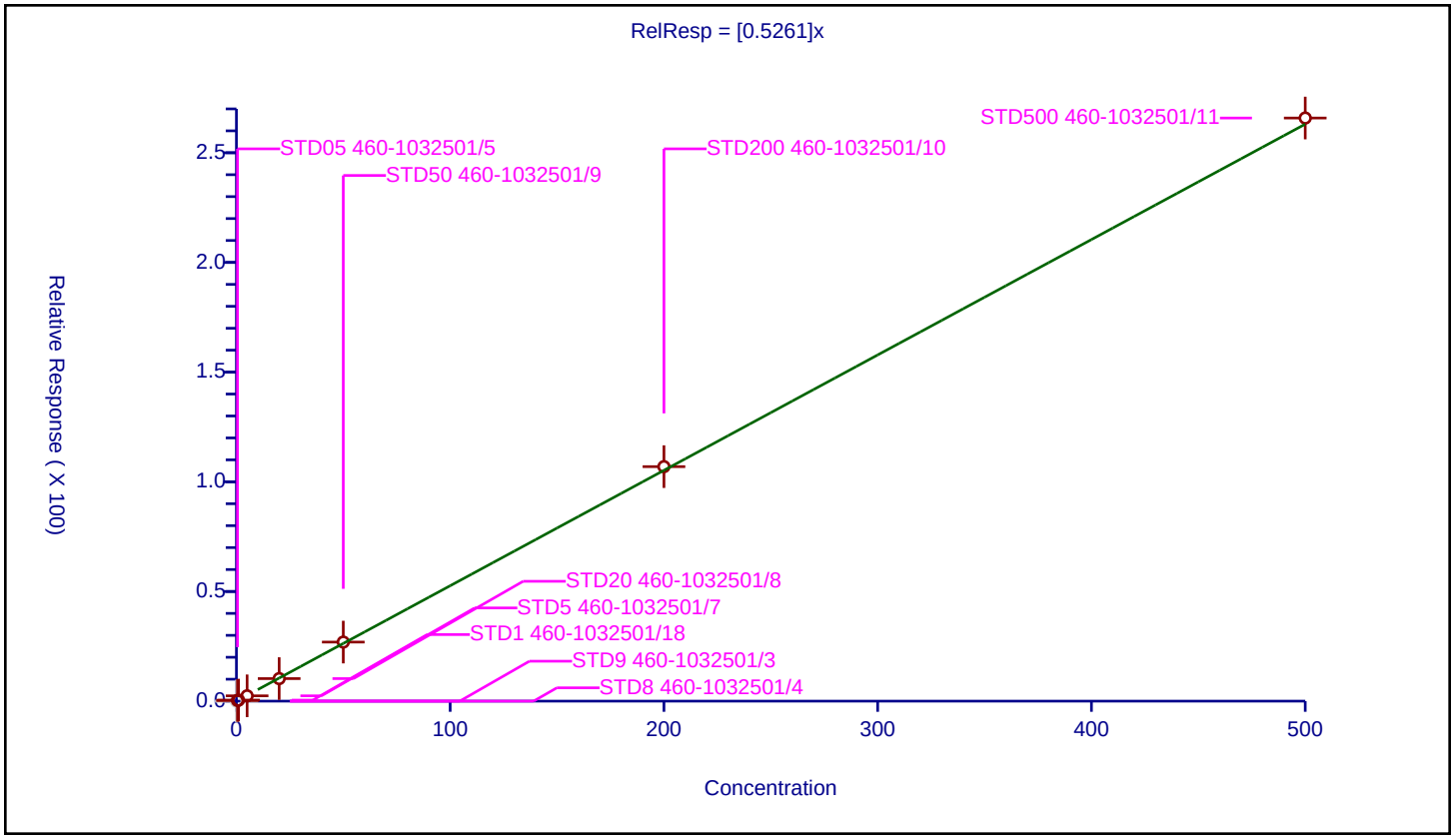
Curve Coefficients

Intercept:	0
Slope:	0.5261

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.307191	50.0	519546.0	0.614383	Y
4	STD1 460-1032501/18	1.0	0.464211	50.0	484909.0	0.464211	Y
5	STD5 460-1032501/7	5.0	2.426769	50.0	512348.0	0.485354	Y
6	STD20 460-1032501/8	20.0	10.278131	50.0	531405.0	0.513907	Y
7	STD50 460-1032501/9	50.0	26.927731	50.0	531363.0	0.538555	Y
8	STD200 460-1032501/10	200.0	106.906647	50.0	540863.0	0.534533	Y
9	STD500 460-1032501/11	500.0	265.831435	50.0	550187.0	0.531663	Y



Calibration / Isobutyl alcohol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

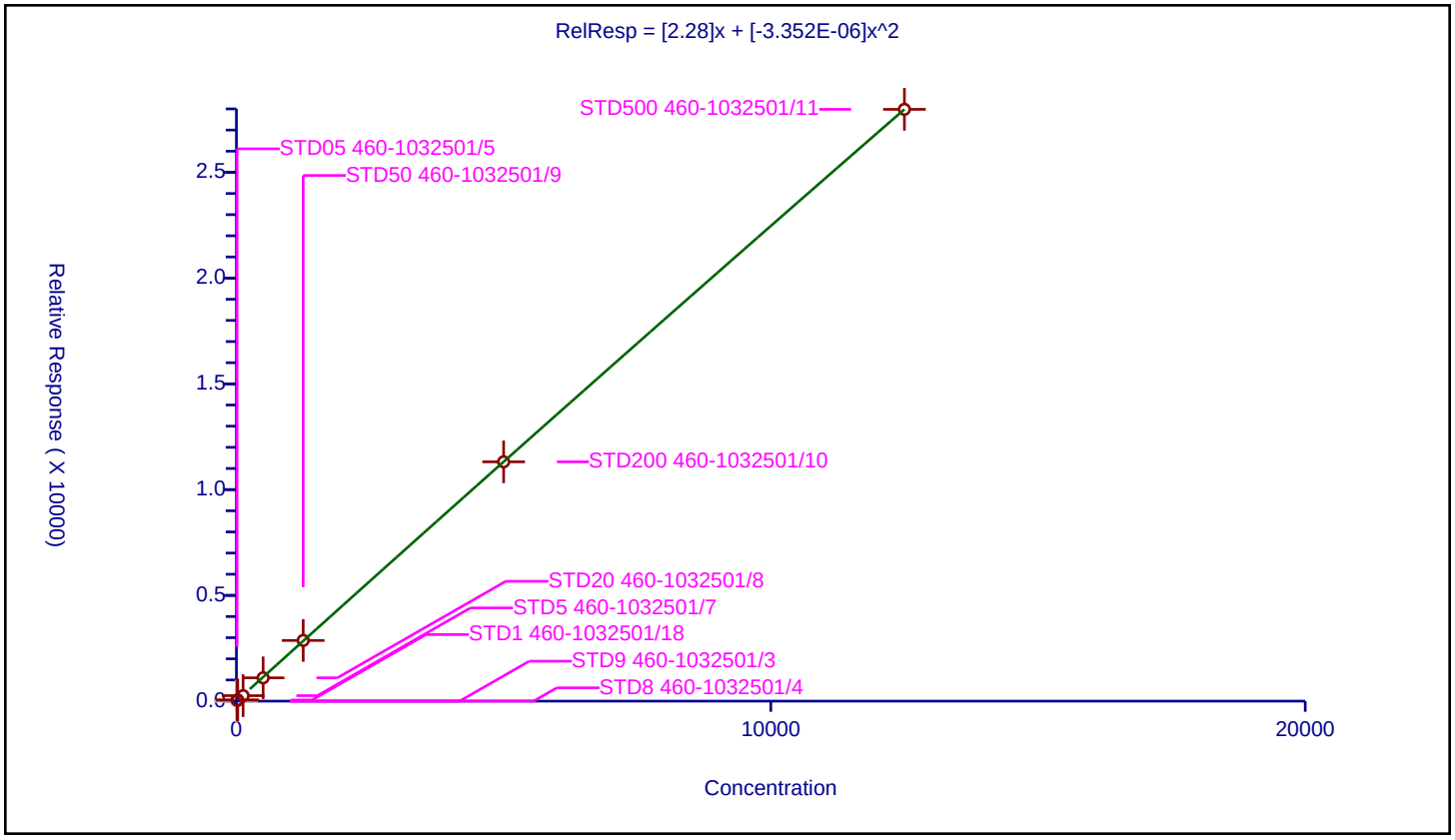
Curve Coefficients

Intercept:	0
Slope:	2.28
Second Order:	-3.352E-06

Error Coefficients

Relative Standard Deviation:	30.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	1000.0	46741.0	NaN	N
2	STD9 460-1032501/3	5.0	0.0	1000.0	42347.0	0.0	N
3	STD05 460-1032501/5	12.5	47.468138	1000.0	43861.0	3.797451	Y
4	STD1 460-1032501/18	25.0	53.942863	1000.0	39134.0	2.157715	Y
5	STD5 460-1032501/7	125.0	258.711542	1000.0	47064.0	2.069692	Y
6	STD20 460-1032501/8	500.0	1102.010137	1000.0	46564.0	2.20402	Y
7	STD50 460-1032501/9	1250.0	2869.02868	1000.0	46514.0	2.295223	Y
8	STD200 460-1032501/10	5000.0	11315.051586	1000.0	51855.0	2.26301	Y
9	STD500 460-1032501/11	12500.0	27978.580762	1000.0	52803.0	2.238286	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

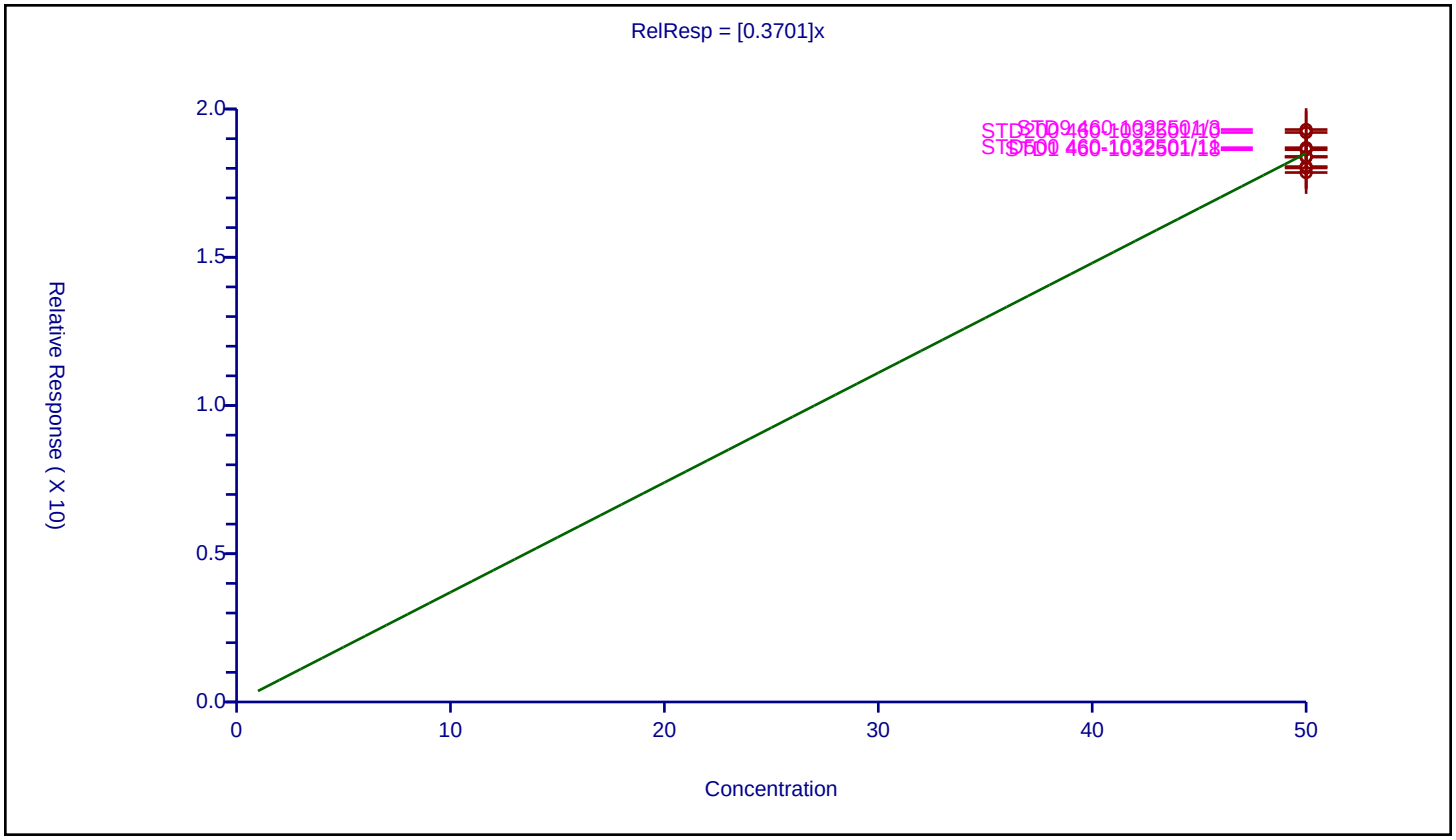
Curve Coefficients

Intercept:	0
Slope:	0.3701

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	50.0	19.307301	50.0	505169.0	0.386146	Y
2	STD8 460-1032501/4	50.0	17.857435	50.0	549239.0	0.357149	Y
3	STD05 460-1032501/5	50.0	18.400007	50.0	519546.0	0.368	Y
4	STD5 460-1032501/7	50.0	18.37706	50.0	512348.0	0.367541	Y
5	STD20 460-1032501/8	50.0	18.011404	50.0	531405.0	0.360228	Y
6	STD50 460-1032501/9	50.0	18.058088	50.0	531363.0	0.361162	Y
7	STD200 460-1032501/10	50.0	19.207174	50.0	540863.0	0.384143	Y
8	STD500 460-1032501/11	50.0	18.695553	50.0	550187.0	0.373911	Y
9	STD1 460-1032501/18	50.0	18.626794	50.0	484909.0	0.372536	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

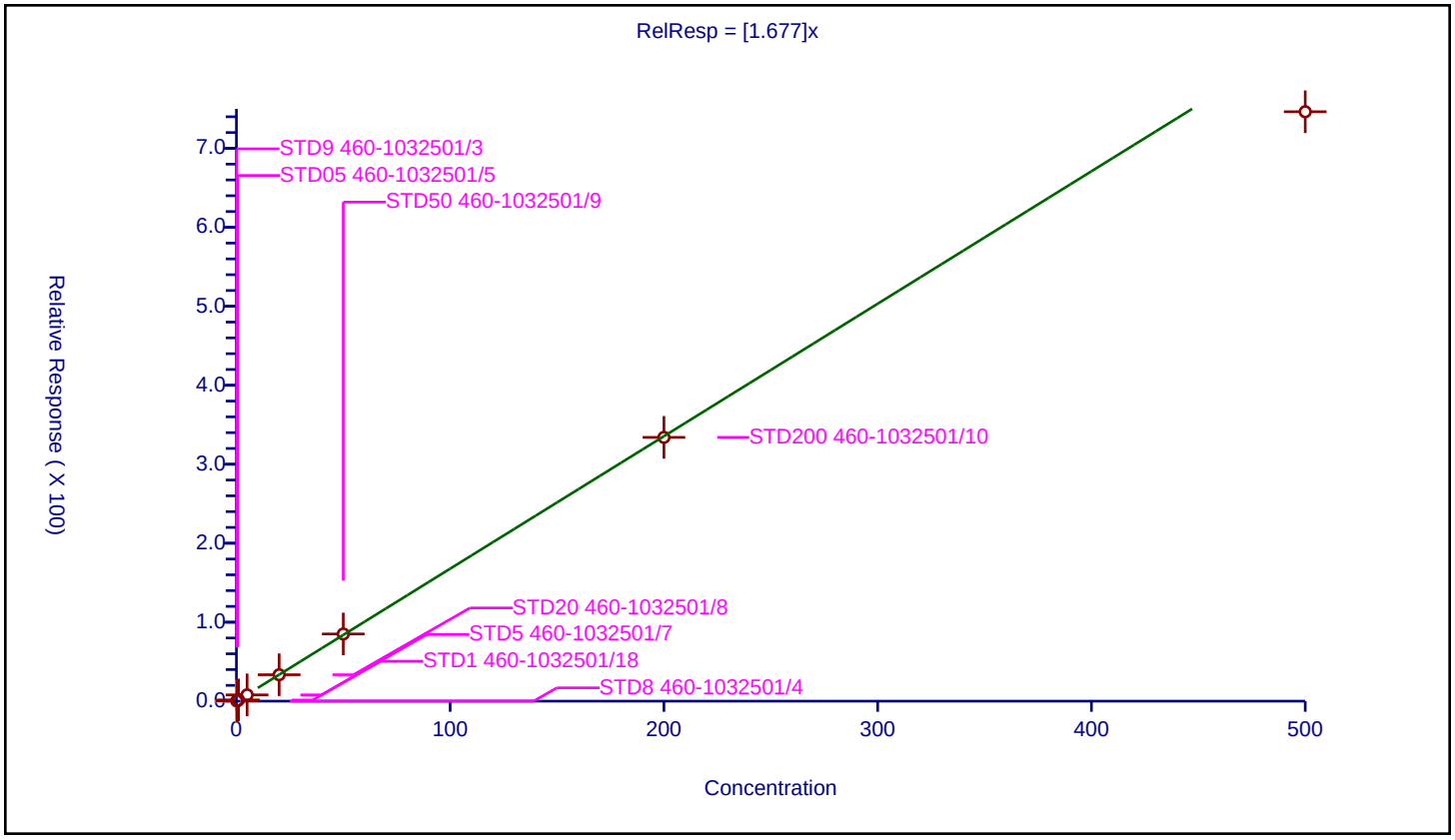
Curve Coefficients

Intercept:	0
Slope:	1.677

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.344863	50.0	417122.0	1.724316	Y
3	STD05 460-1032501/5	0.5	1.069197	50.0	418024.0	2.138394	Y
4	STD1 460-1032501/18	1.0	1.430939	50.0	395824.0	1.430939	Y
5	STD5 460-1032501/7	5.0	7.948528	50.0	415058.0	1.589706	Y
6	STD20 460-1032501/8	20.0	33.442755	50.0	427094.0	1.672138	Y
7	STD50 460-1032501/9	50.0	85.073314	50.0	426729.0	1.701466	Y
8	STD200 460-1032501/10	200.0	334.014612	50.0	447859.0	1.670073	Y
9	STD500 460-1032501/11	500.0	746.387532	50.0	466620.0	1.492775	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

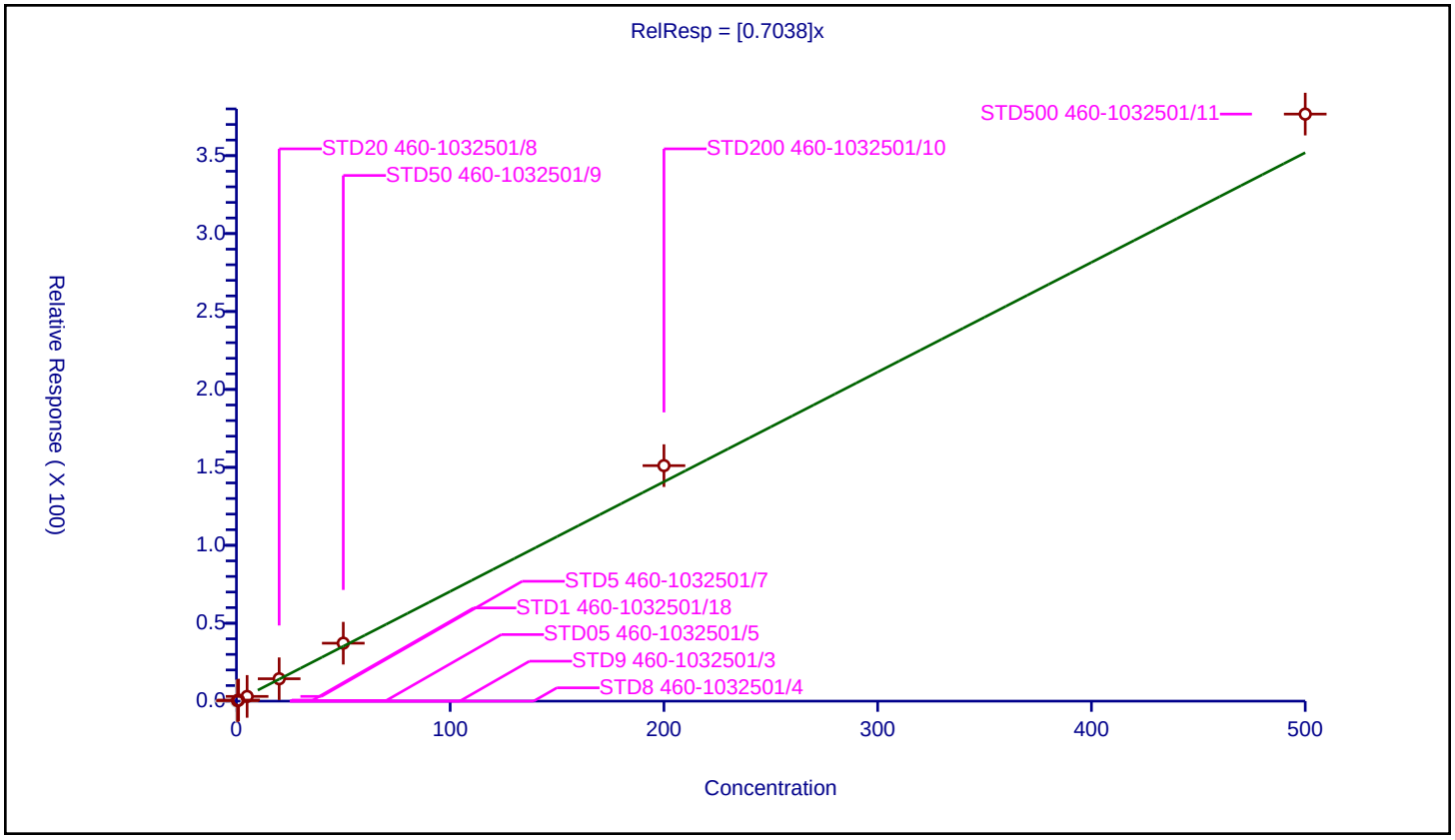
Curve Coefficients

Intercept:	0
Slope:	0.7038

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.340682	50.0	519546.0	0.681364	Y
4	STD1 460-1032501/18	1.0	0.666929	50.0	484909.0	0.666929	Y
5	STD5 460-1032501/7	5.0	3.038267	50.0	512348.0	0.607653	Y
6	STD20 460-1032501/8	20.0	14.363997	50.0	531405.0	0.7182	Y
7	STD50 460-1032501/9	50.0	37.180515	50.0	531363.0	0.74361	Y
8	STD200 460-1032501/10	200.0	151.101111	50.0	540863.0	0.755506	Y
9	STD500 460-1032501/11	500.0	376.666024	50.0	550187.0	0.753332	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

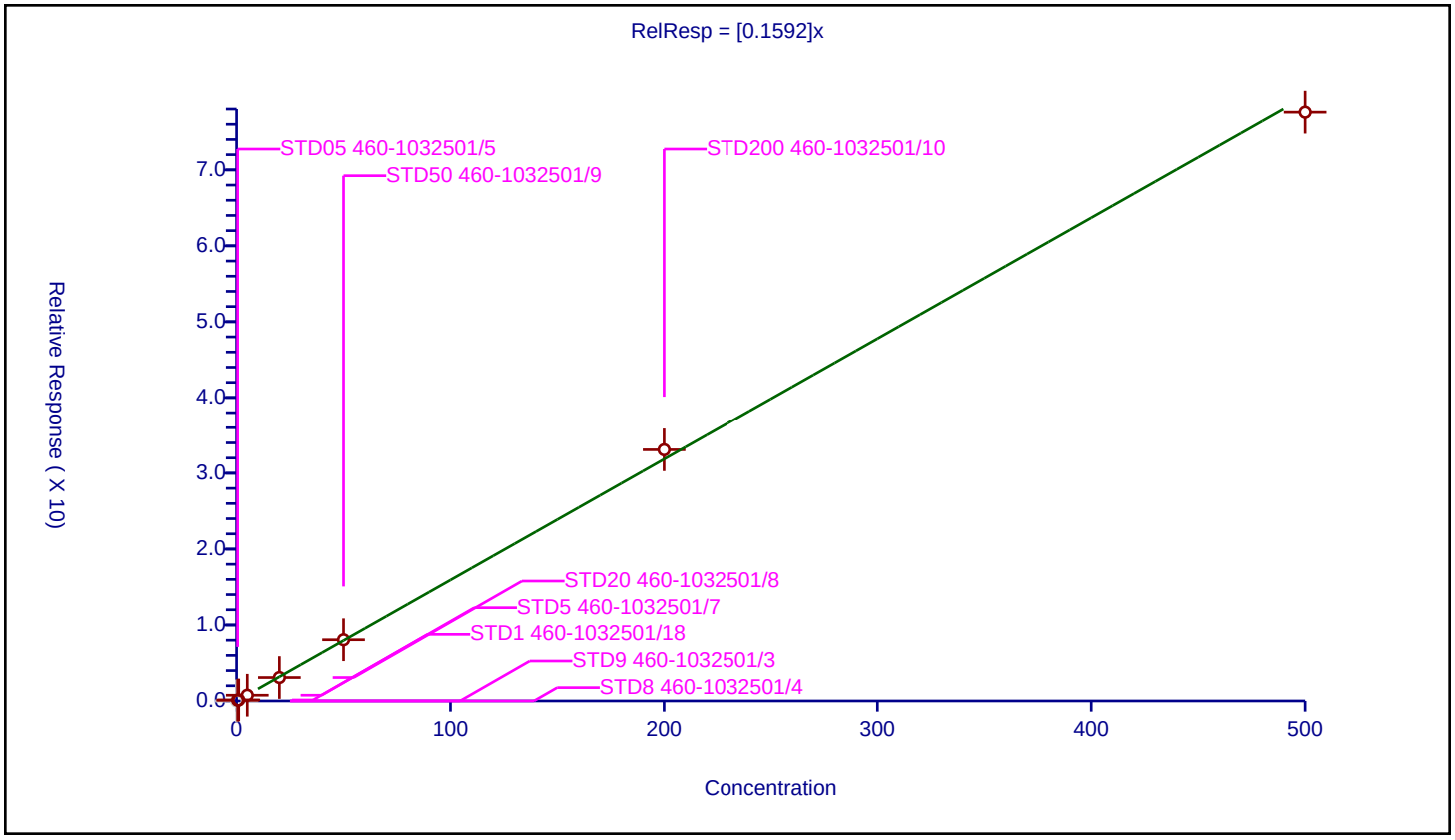
Curve Coefficients

Intercept:	0
Slope:	0.1592

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.098644	50.0	519546.0	0.197288	Y
4	STD1 460-1032501/18	1.0	0.130334	50.0	484909.0	0.130334	Y
5	STD5 460-1032501/7	5.0	0.755151	50.0	512348.0	0.15103	Y
6	STD20 460-1032501/8	20.0	3.084088	50.0	531405.0	0.154204	Y
7	STD50 460-1032501/9	50.0	8.057863	50.0	531363.0	0.161157	Y
8	STD200 460-1032501/10	200.0	33.091652	50.0	540863.0	0.165458	Y
9	STD500 460-1032501/11	500.0	77.589438	50.0	550187.0	0.155179	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

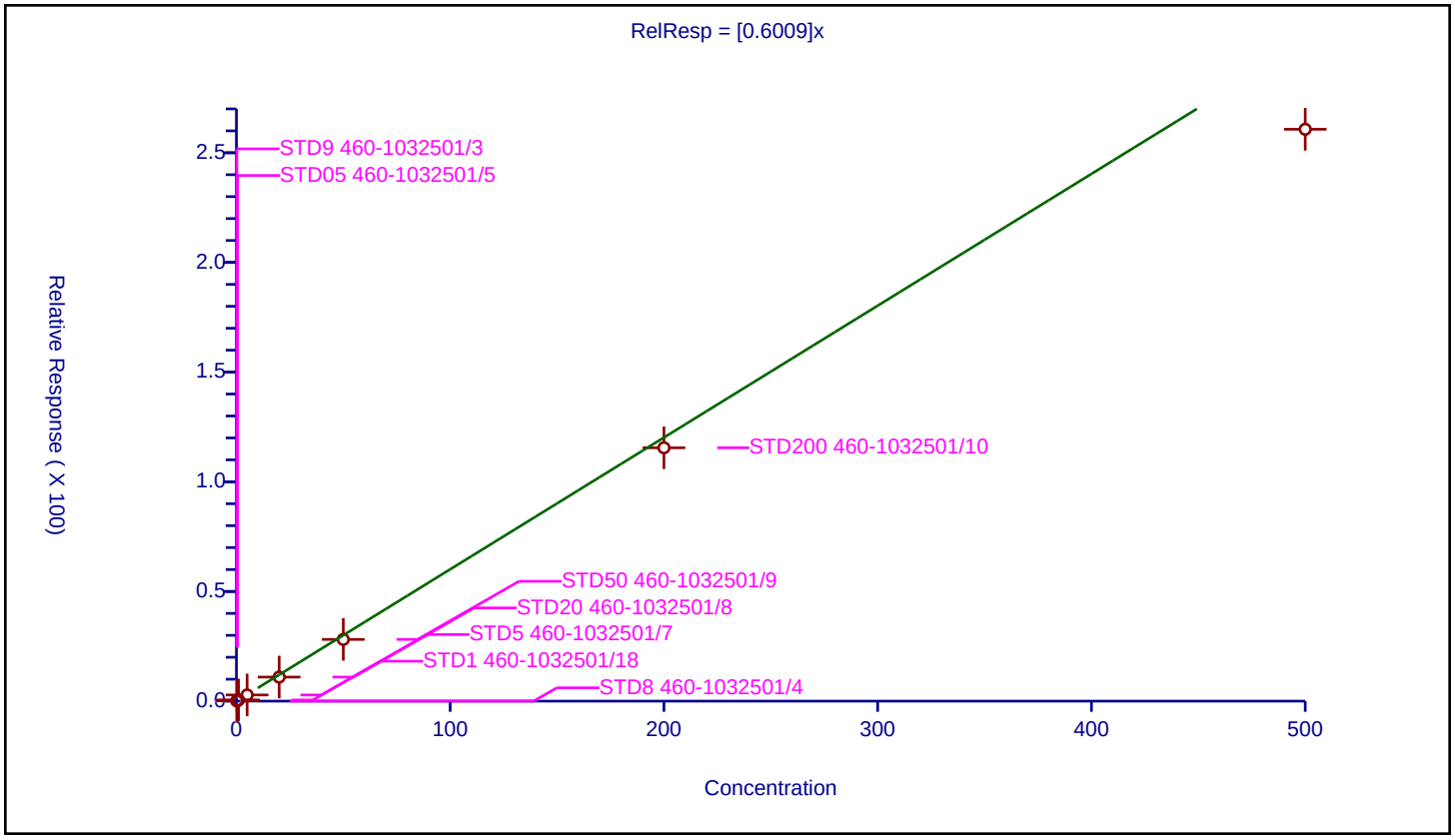
Curve Coefficients

Intercept:	0
Slope:	0.6009

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.159254	50.0	505169.0	0.796268	Y
3	STD05 460-1032501/5	0.5	0.360315	50.0	519546.0	0.720629	Y
4	STD1 460-1032501/18	1.0	0.51917	50.0	484909.0	0.51917	Y
5	STD5 460-1032501/7	5.0	2.804832	50.0	512348.0	0.560966	Y
6	STD20 460-1032501/8	20.0	10.973457	50.0	531405.0	0.548673	Y
7	STD50 460-1032501/9	50.0	28.137921	50.0	531363.0	0.562758	Y
8	STD200 460-1032501/10	200.0	115.508548	50.0	540863.0	0.577543	Y
9	STD500 460-1032501/11	500.0	260.713721	50.0	550187.0	0.521427	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

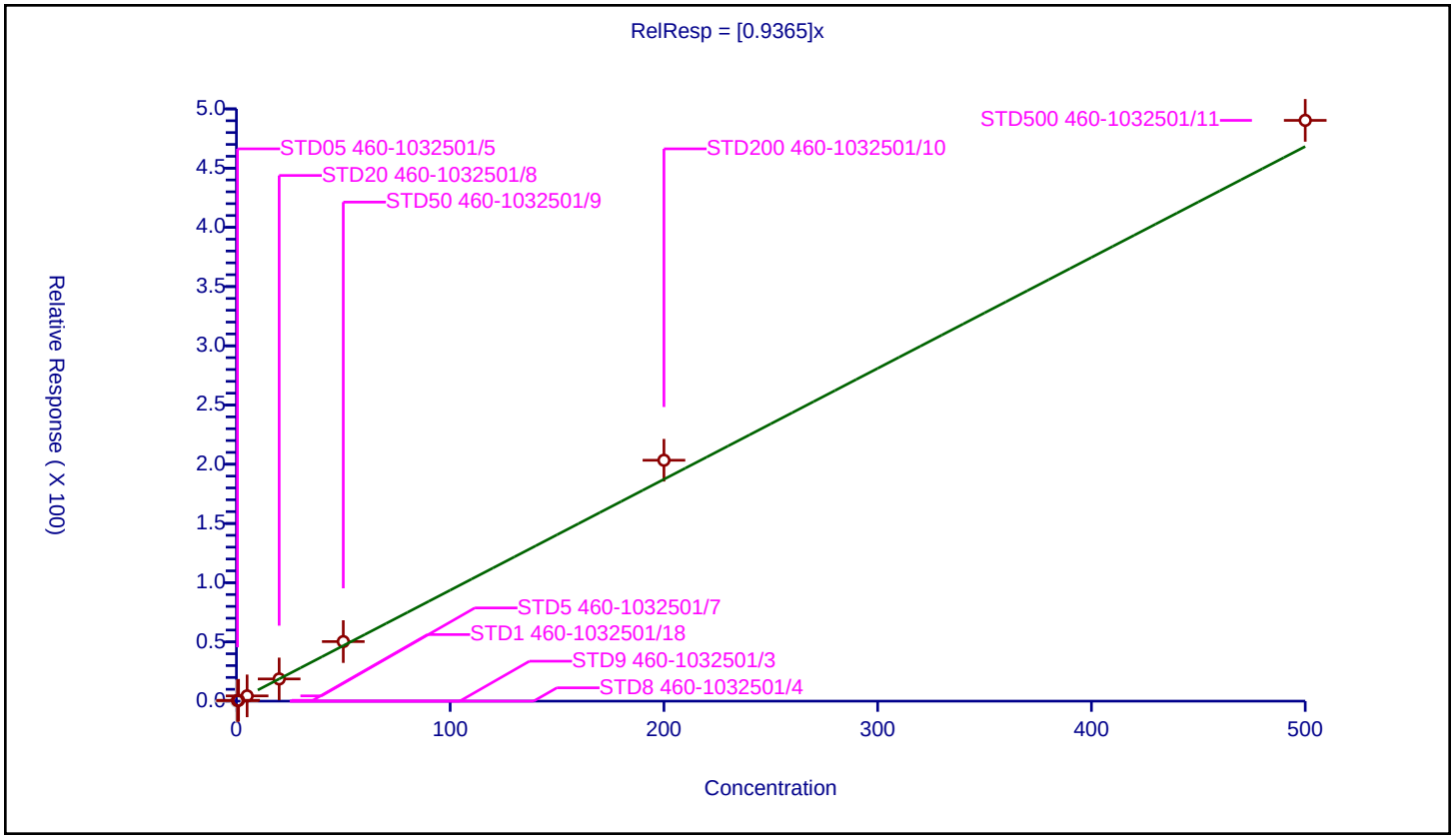
Curve Coefficients

Intercept:	0
Slope:	0.9365

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.511793	50.0	519546.0	1.023586	Y
4	STD1 460-1032501/18	1.0	0.704978	50.0	484909.0	0.704978	Y
5	STD5 460-1032501/7	5.0	4.435364	50.0	512348.0	0.887073	Y
6	STD20 460-1032501/8	20.0	18.738815	50.0	531405.0	0.936941	Y
7	STD50 460-1032501/9	50.0	50.281164	50.0	531363.0	1.005623	Y
8	STD200 460-1032501/10	200.0	203.361757	50.0	540863.0	1.016809	Y
9	STD500 460-1032501/11	500.0	490.300843	50.0	550187.0	0.980602	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

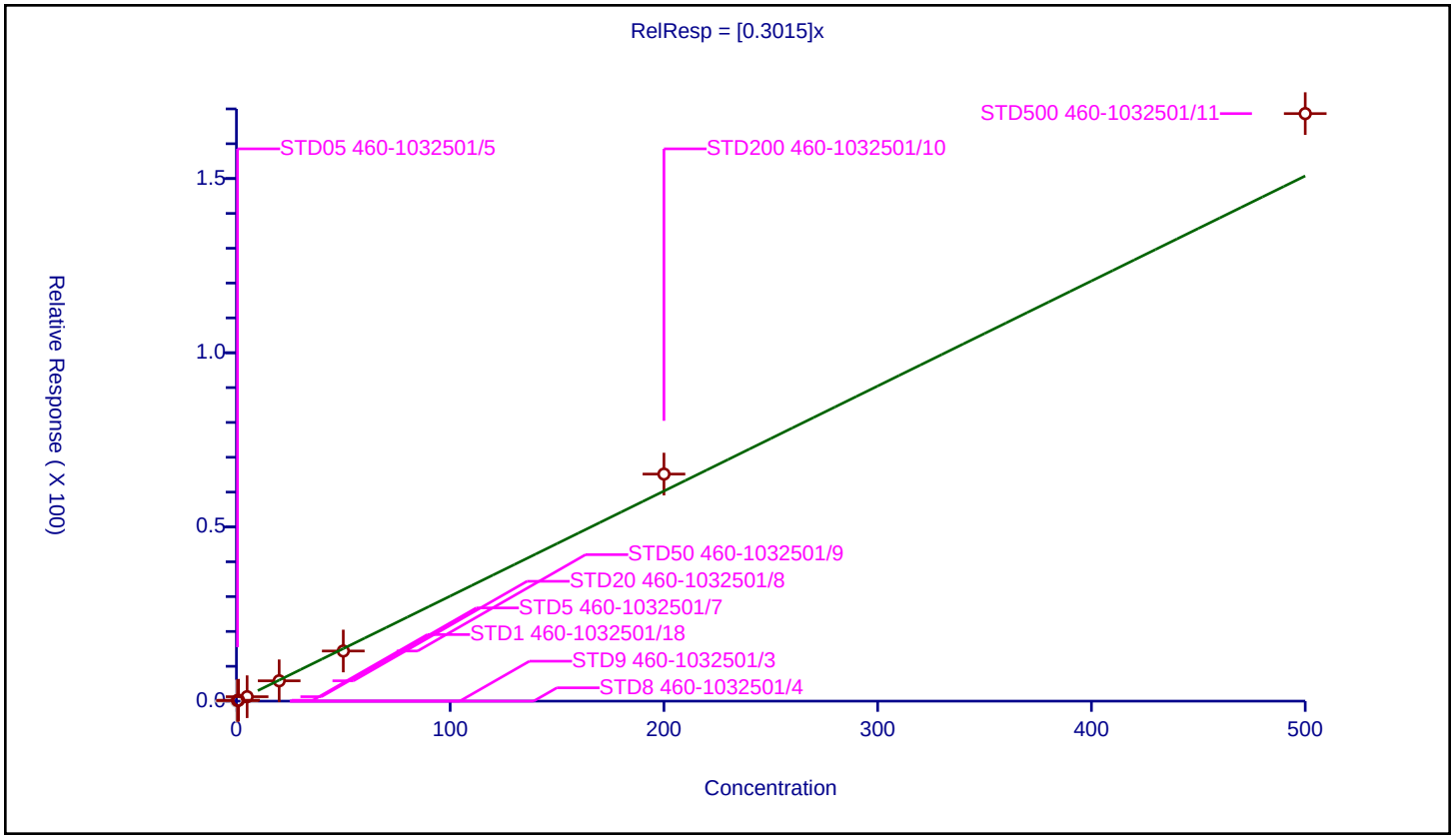
Curve Coefficients

Intercept:	0
Slope:	0.3015

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.178136	50.0	519546.0	0.356273	Y
4	STD1 460-1032501/18	1.0	0.257162	50.0	484909.0	0.257162	Y
5	STD5 460-1032501/7	5.0	1.270914	50.0	512348.0	0.254183	Y
6	STD20 460-1032501/8	20.0	5.837262	50.0	531405.0	0.291863	Y
7	STD50 460-1032501/9	50.0	14.39515	50.0	531363.0	0.287903	Y
8	STD200 460-1032501/10	200.0	65.180739	50.0	540863.0	0.325904	Y
9	STD500 460-1032501/11	500.0	168.650114	50.0	550187.0	0.3373	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

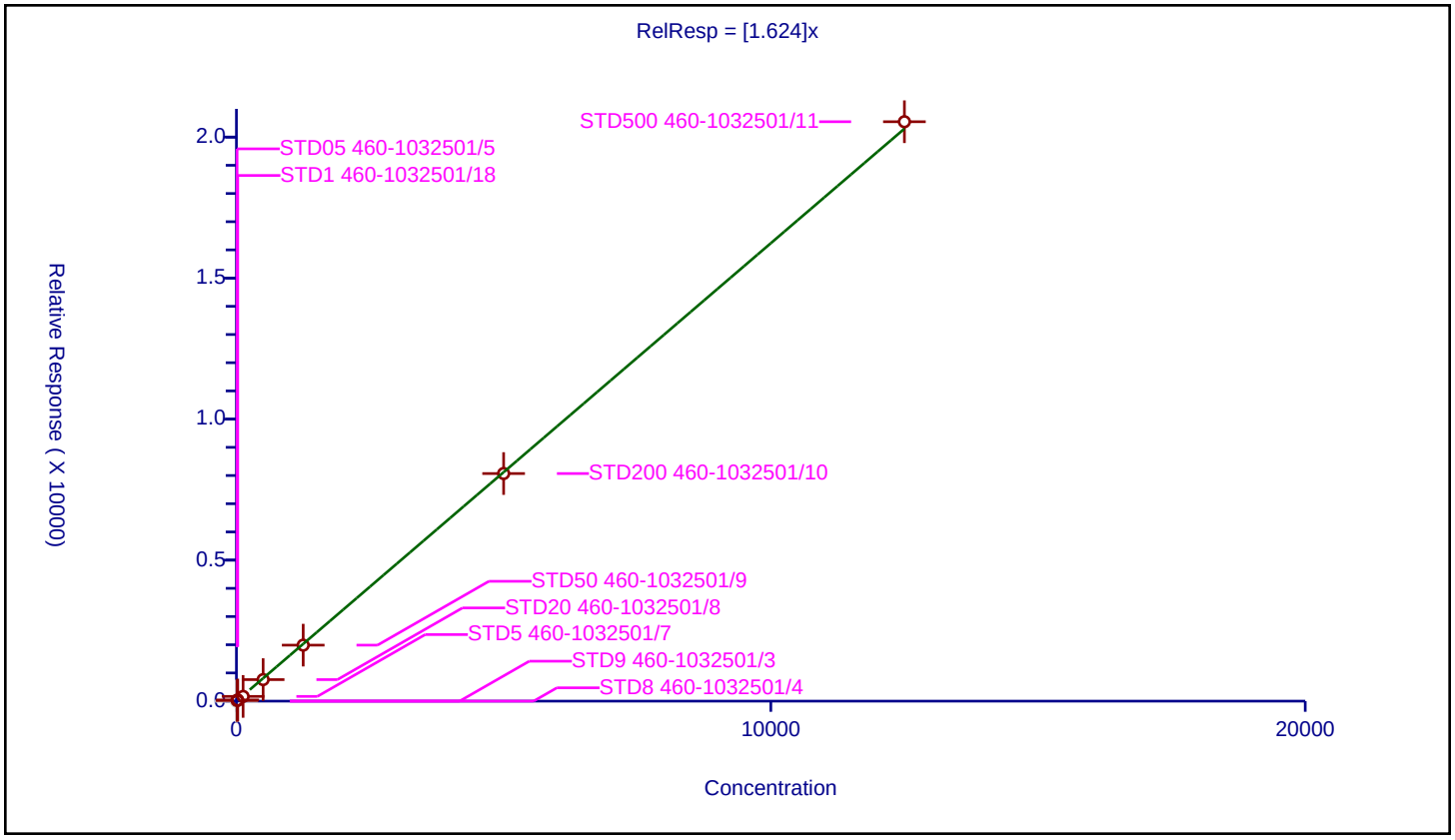
Curve Coefficients

Intercept:	0
Slope:	1.624

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	1000.0	46741.0	NaN	N
2	STD9 460-1032501/3	5.0	0.0	1000.0	42347.0	0.0	N
3	STD05 460-1032501/5	12.5	24.896833	1000.0	43861.0	1.991747	Y
4	STD1 460-1032501/18	25.0	41.421782	1000.0	39134.0	1.656871	Y
5	STD5 460-1032501/7	125.0	168.026517	1000.0	47064.0	1.344212	Y
6	STD20 460-1032501/8	500.0	763.551241	1000.0	46564.0	1.527102	Y
7	STD50 460-1032501/9	1250.0	1985.617234	1000.0	46514.0	1.588494	Y
8	STD200 460-1032501/10	5000.0	8070.639283	1000.0	51855.0	1.614128	Y
9	STD500 460-1032501/11	12500.0	20545.215234	1000.0	52803.0	1.643617	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

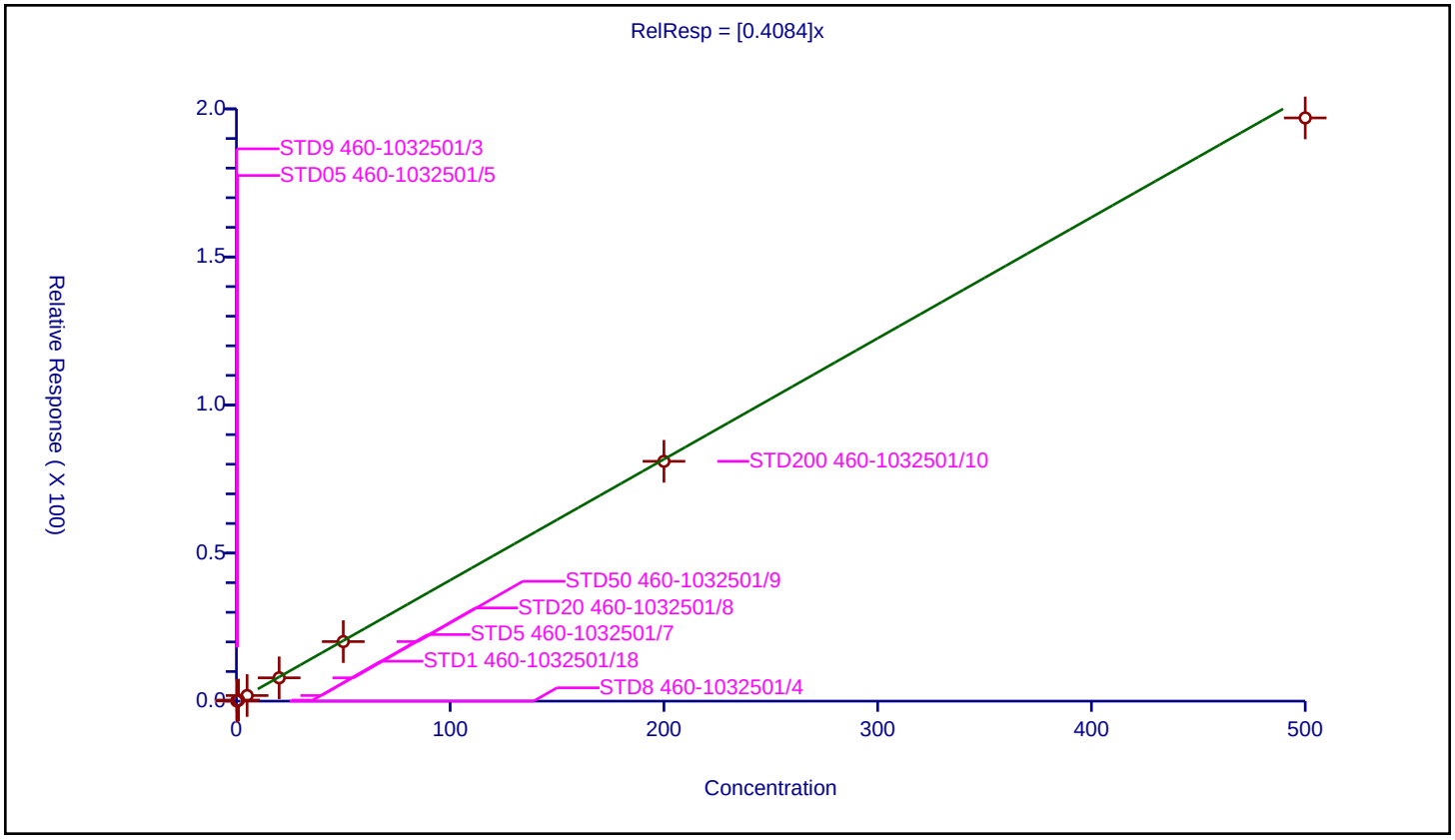
Curve Coefficients

Intercept:	0
Slope:	0.4084

Error Coefficients

Relative Standard Deviation:	11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.08997	50.0	505169.0	0.449849	Y
3	STD05 460-1032501/5	0.5	0.250603	50.0	519546.0	0.501207	Y
4	STD1 460-1032501/18	1.0	0.342538	50.0	484909.0	0.342538	Y
5	STD5 460-1032501/7	5.0	1.896855	50.0	512348.0	0.379371	Y
6	STD20 460-1032501/8	20.0	7.872338	50.0	531405.0	0.393617	Y
7	STD50 460-1032501/9	50.0	20.102359	50.0	531363.0	0.402047	Y
8	STD200 460-1032501/10	200.0	80.992322	50.0	540863.0	0.404962	Y
9	STD500 460-1032501/11	500.0	196.952491	50.0	550187.0	0.393905	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

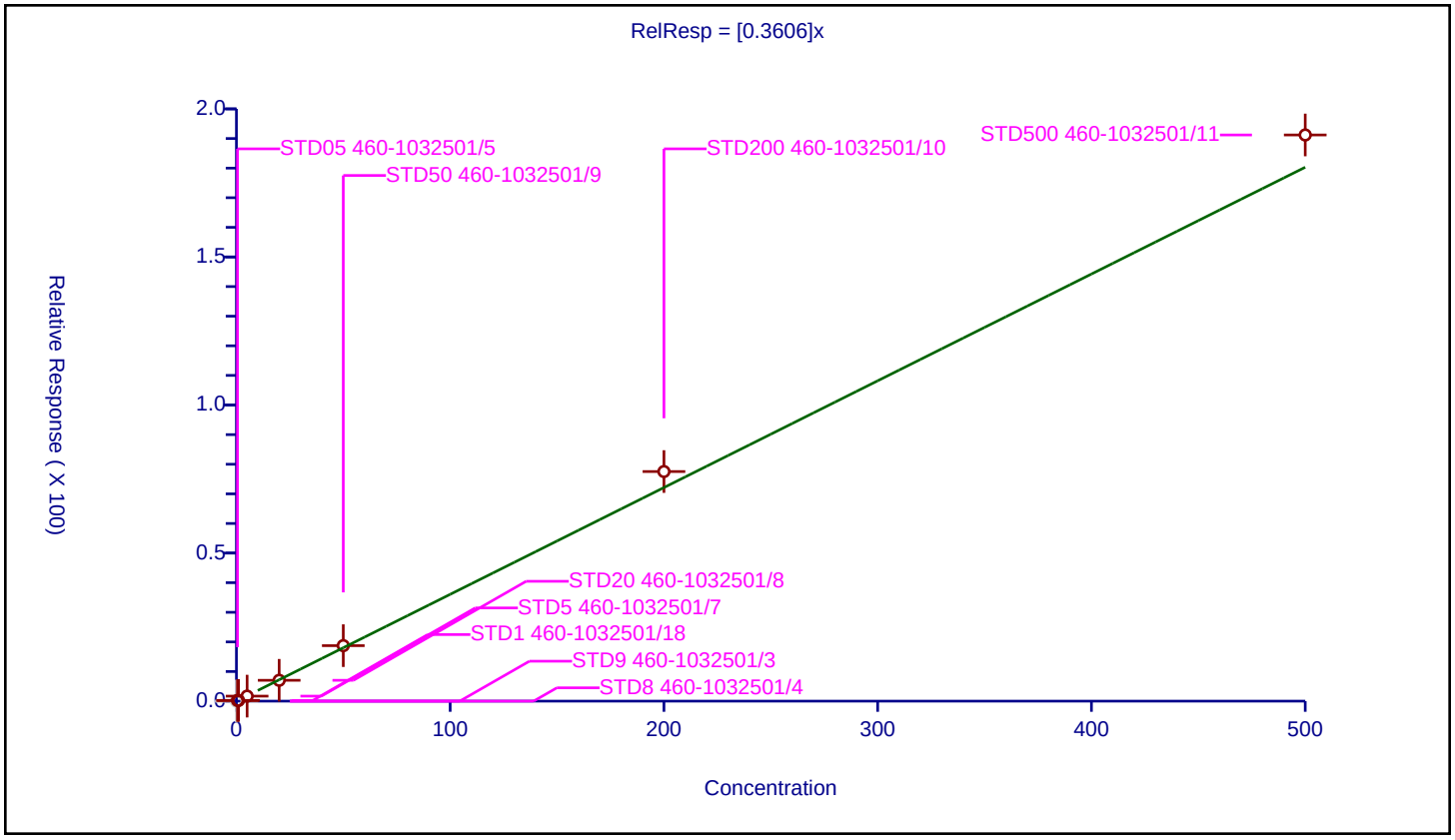
Curve Coefficients

Intercept:	0
Slope:	0.3606

Error Coefficients

Relative Standard Deviation:	18.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.22587	50.0	519546.0	0.451741	Y
4	STD1 460-1032501/18	1.0	0.237261	50.0	484909.0	0.237261	Y
5	STD5 460-1032501/7	5.0	1.691428	50.0	512348.0	0.338286	Y
6	STD20 460-1032501/8	20.0	7.038982	50.0	531405.0	0.351949	Y
7	STD50 460-1032501/9	50.0	18.742272	50.0	531363.0	0.374845	Y
8	STD200 460-1032501/10	200.0	77.536086	50.0	540863.0	0.38768	Y
9	STD500 460-1032501/11	500.0	191.191086	50.0	550187.0	0.382382	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

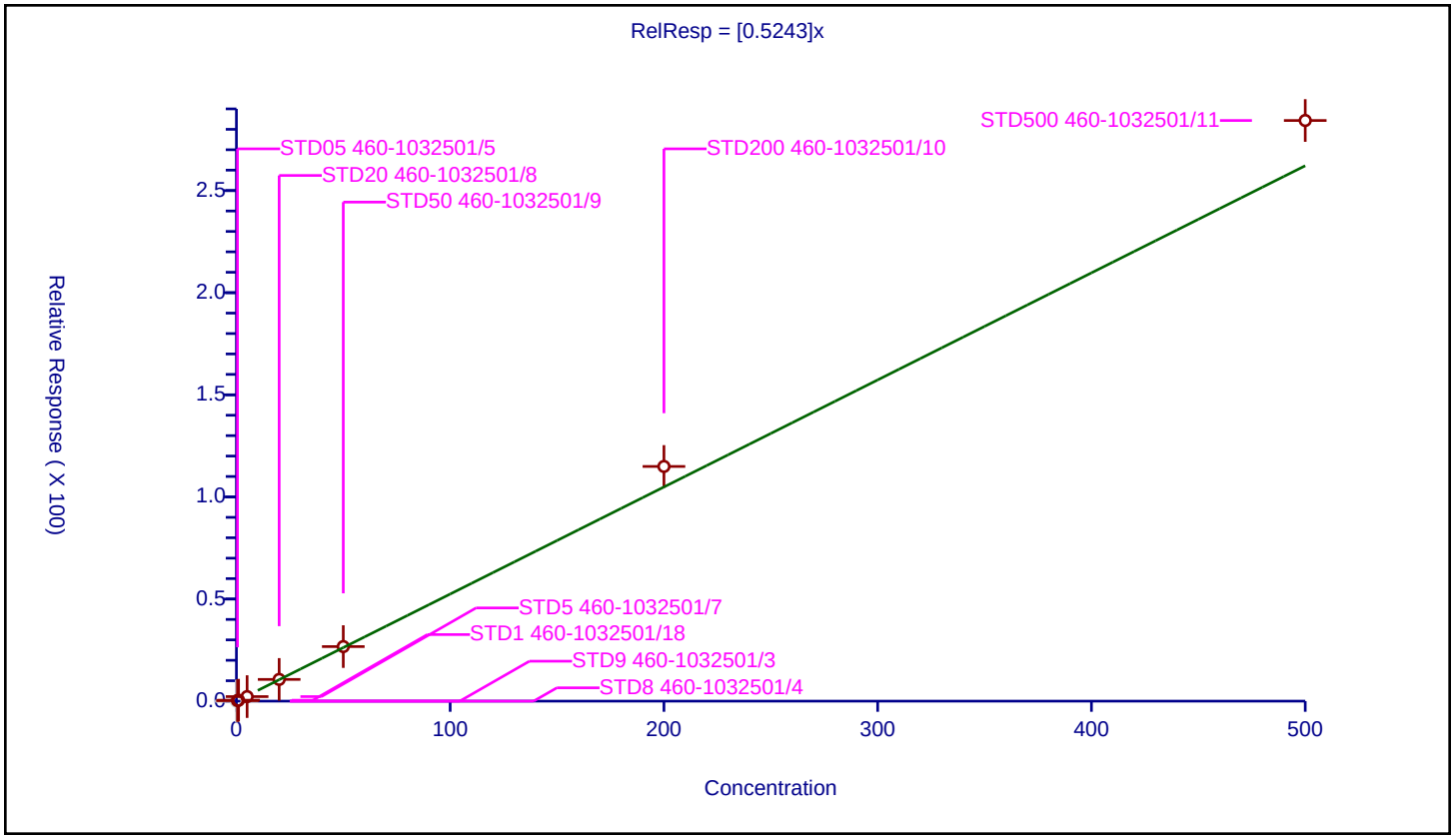
Curve Coefficients

Intercept:	0
Slope:	0.5243

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.284479	50.0	519546.0	0.568958	Y
4	STD1 460-1032501/18	1.0	0.447094	50.0	484909.0	0.447094	Y
5	STD5 460-1032501/7	5.0	2.223684	50.0	512348.0	0.444737	Y
6	STD20 460-1032501/8	20.0	10.637461	50.0	531405.0	0.531873	Y
7	STD50 460-1032501/9	50.0	26.712812	50.0	531363.0	0.534256	Y
8	STD200 460-1032501/10	200.0	114.912279	50.0	540863.0	0.574561	Y
9	STD500 460-1032501/11	500.0	284.316605	50.0	550187.0	0.568633	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

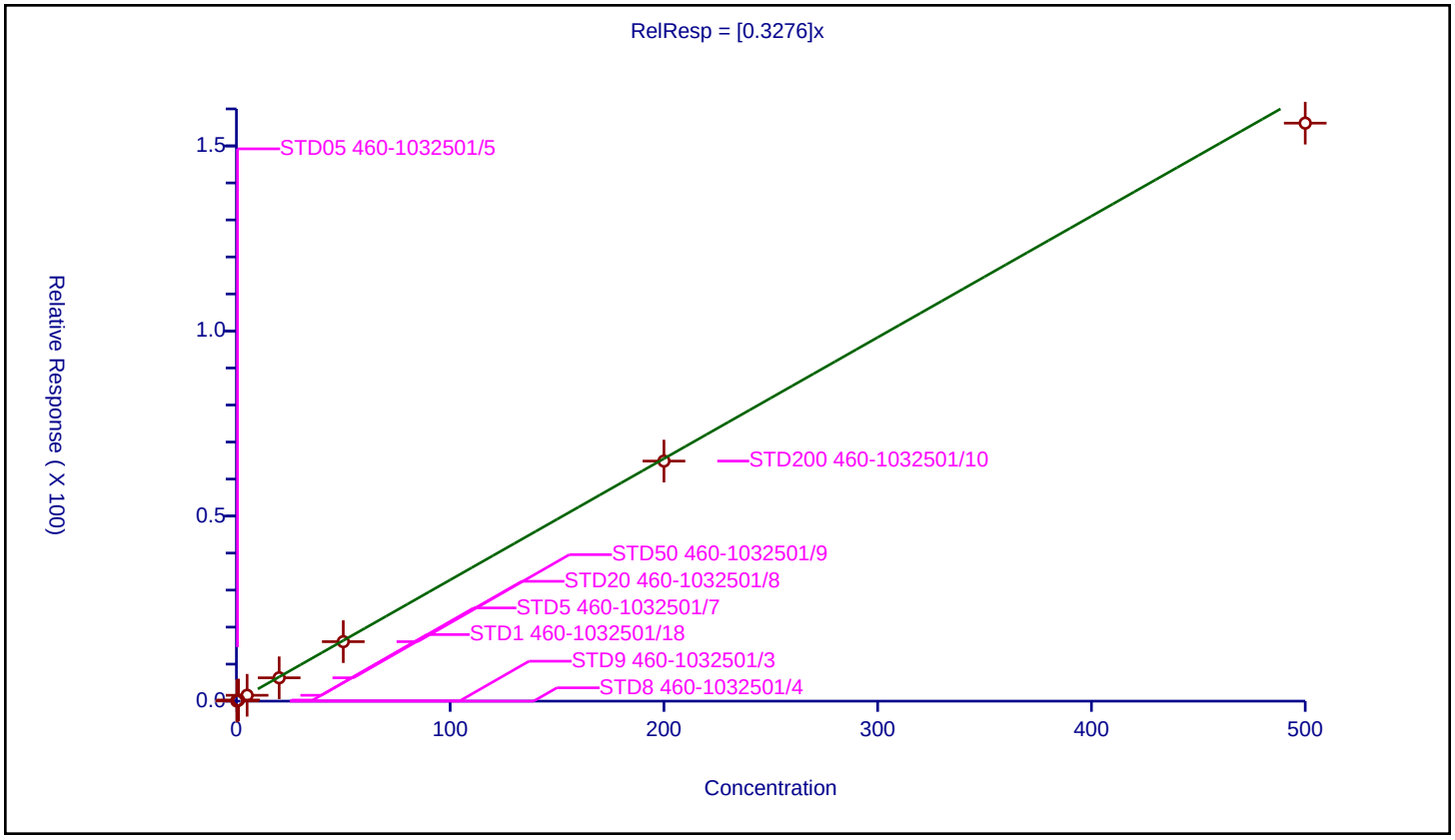
Curve Coefficients

Intercept:	0
Slope:	0.3276

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.064434	50.0	505169.0	0.322169	Y
3	STD05 460-1032501/5	0.5	0.207008	50.0	519546.0	0.414015	Y
4	STD1 460-1032501/18	1.0	0.293663	50.0	484909.0	0.293663	Y
5	STD5 460-1032501/7	5.0	1.587495	50.0	512348.0	0.317499	Y
6	STD20 460-1032501/8	20.0	6.304608	50.0	531405.0	0.31523	Y
7	STD50 460-1032501/9	50.0	16.068112	50.0	531363.0	0.321362	Y
8	STD200 460-1032501/10	200.0	64.852837	50.0	540863.0	0.324264	Y
9	STD500 460-1032501/11	500.0	156.153635	50.0	550187.0	0.312307	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

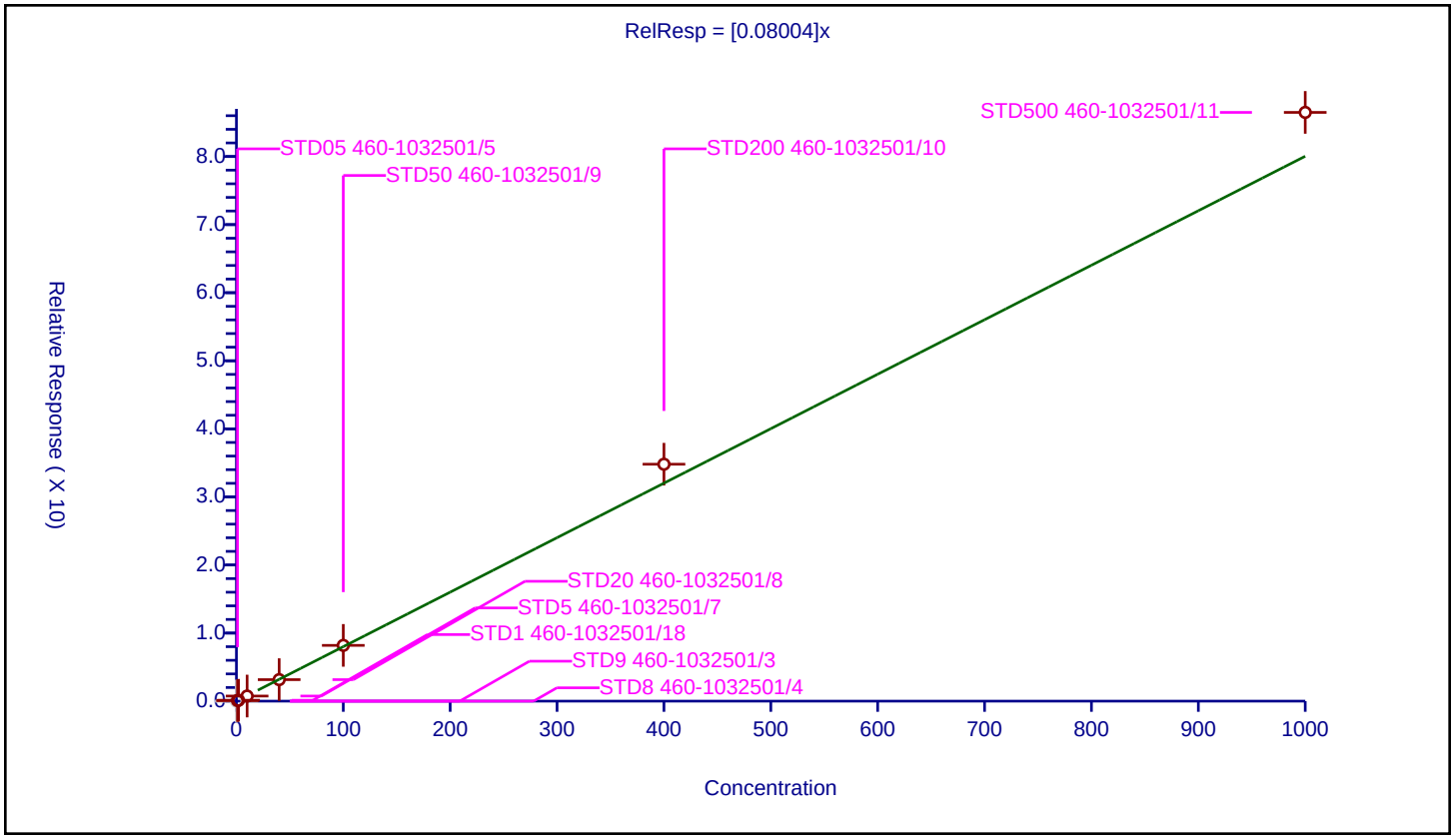
Curve Coefficients

Intercept:	0
Slope:	0.08004

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.4	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	1.0	0.086422	50.0	519546.0	0.086422	Y
4	STD1 460-1032501/18	2.0	0.129096	50.0	484909.0	0.064548	Y
5	STD5 460-1032501/7	10.0	0.749491	50.0	512348.0	0.074949	Y
6	STD20 460-1032501/8	40.0	3.159925	50.0	531405.0	0.078998	Y
7	STD50 460-1032501/9	100.0	8.189411	50.0	531363.0	0.081894	Y
8	STD200 460-1032501/10	400.0	34.801789	50.0	540863.0	0.087004	Y
9	STD500 460-1032501/11	1000.0	86.483323	50.0	550187.0	0.086483	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

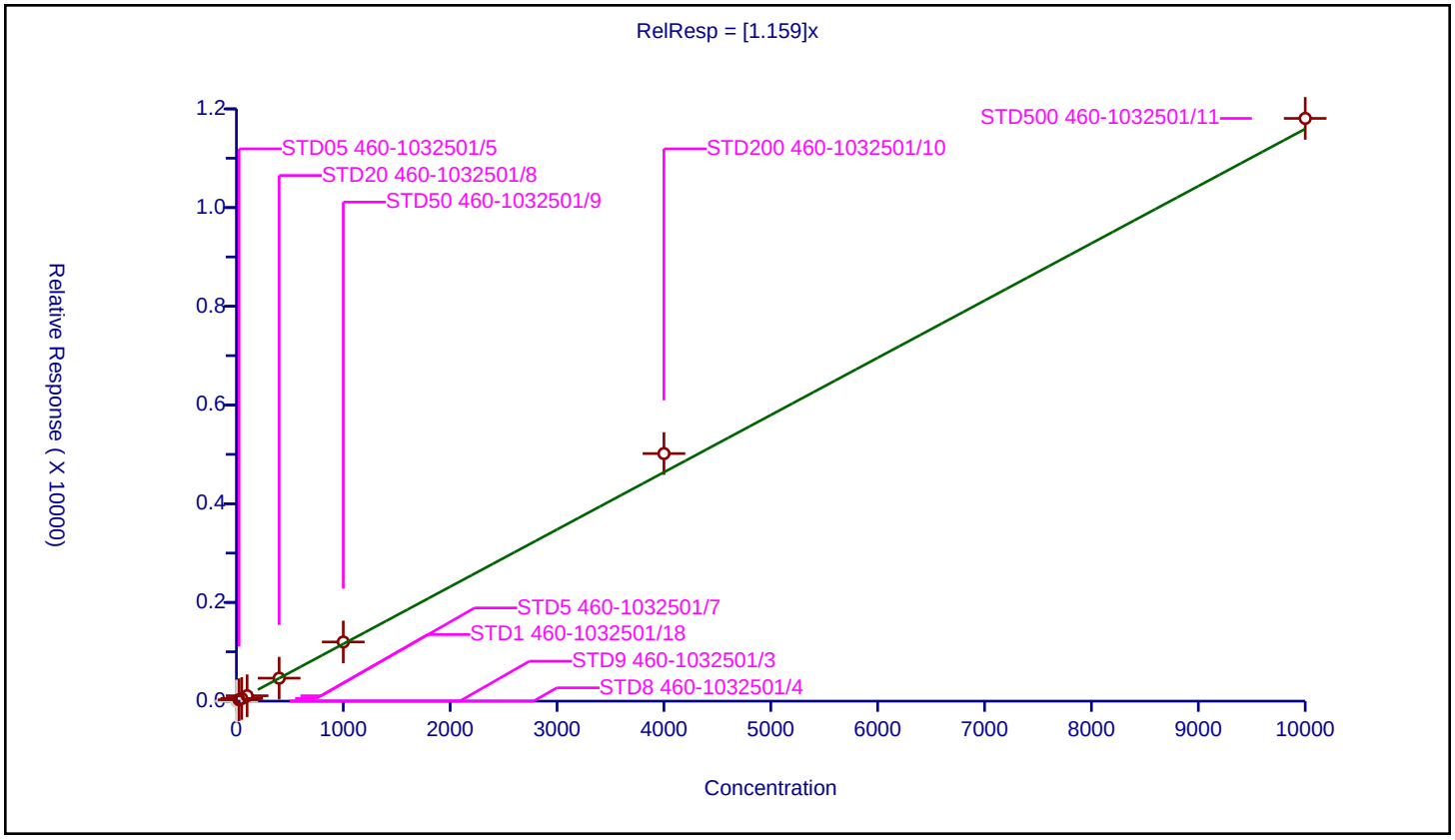
Curve Coefficients

Intercept:	0
Slope:	1.159

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	1000.0	31717.0	NaN	N
2	STD9 460-1032501/3	4.0	0.0	1000.0	30511.0	0.0	N
3	STD05 460-1032501/5	25.0	29.078787	1000.0	30297.0	1.163151	Y
4	STD1 460-1032501/18	50.0	53.068982	1000.0	26833.0	1.06138	Y
5	STD5 460-1032501/7	100.0	109.463517	1000.0	32303.0	1.094635	Y
6	STD20 460-1032501/8	400.0	465.455078	1000.0	34115.0	1.163638	Y
7	STD50 460-1032501/9	1000.0	1198.634299	1000.0	34561.0	1.198634	Y
8	STD200 460-1032501/10	4000.0	5016.184612	1000.0	35404.0	1.254046	Y
9	STD500 460-1032501/11	10000.0	11807.139881	1000.0	35995.0	1.180714	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

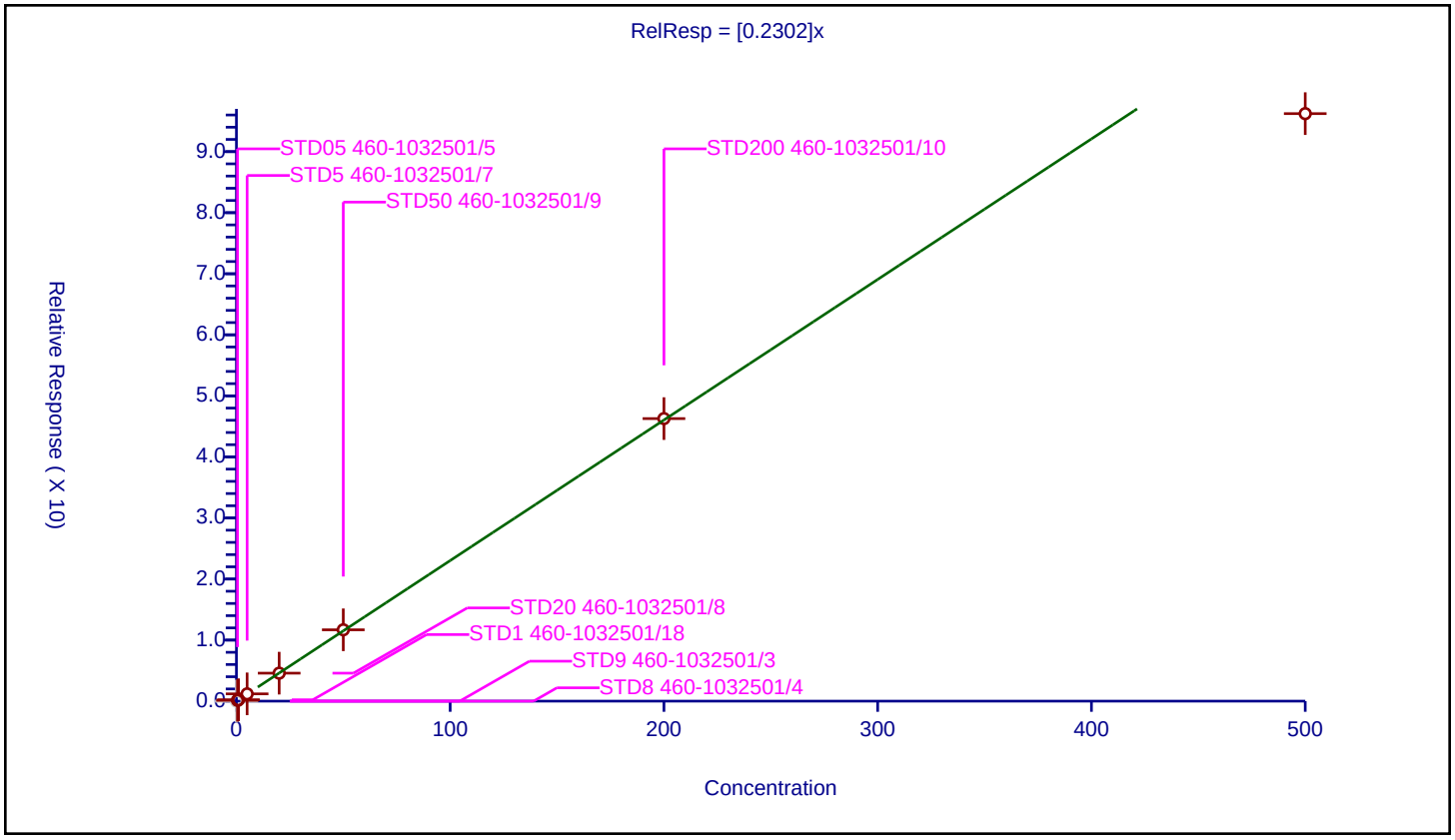
Curve Coefficients

Intercept:	0
Slope:	0.2302

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.13175	50.0	519546.0	0.263499	Y
4	STD1 460-1032501/18	1.0	0.222928	50.0	484909.0	0.222928	Y
5	STD5 460-1032501/7	5.0	1.191866	50.0	512348.0	0.238373	Y
6	STD20 460-1032501/8	20.0	4.58398	50.0	531405.0	0.229199	Y
7	STD50 460-1032501/9	50.0	11.684197	50.0	531363.0	0.233684	Y
8	STD200 460-1032501/10	200.0	46.274288	50.0	540863.0	0.231371	Y
9	STD500 460-1032501/11	500.0	96.224829	50.0	550187.0	0.19245	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

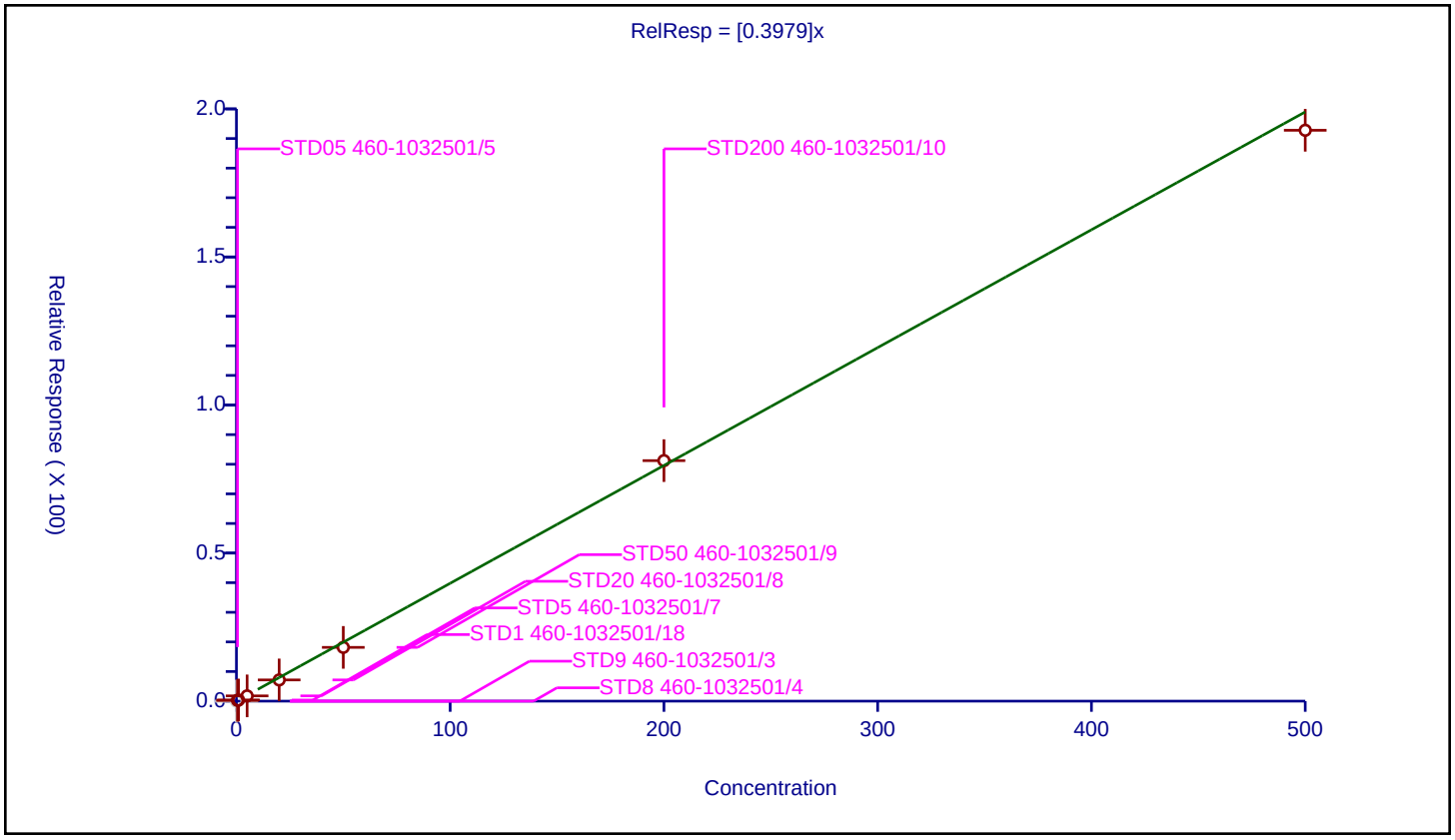
Curve Coefficients

Intercept:	0
Slope:	0.3979

Error Coefficients

Relative Standard Deviation:	17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.273701	50.0	519546.0	0.547401	Y
4	STD1 460-1032501/18	1.0	0.370585	50.0	484909.0	0.370585	Y
5	STD5 460-1032501/7	5.0	1.774185	50.0	512348.0	0.354837	Y
6	STD20 460-1032501/8	20.0	7.159605	50.0	531405.0	0.35798	Y
7	STD50 460-1032501/9	50.0	18.154538	50.0	531363.0	0.363091	Y
8	STD200 460-1032501/10	200.0	81.22482	50.0	540863.0	0.406124	Y
9	STD500 460-1032501/11	500.0	192.781545	50.0	550187.0	0.385563	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

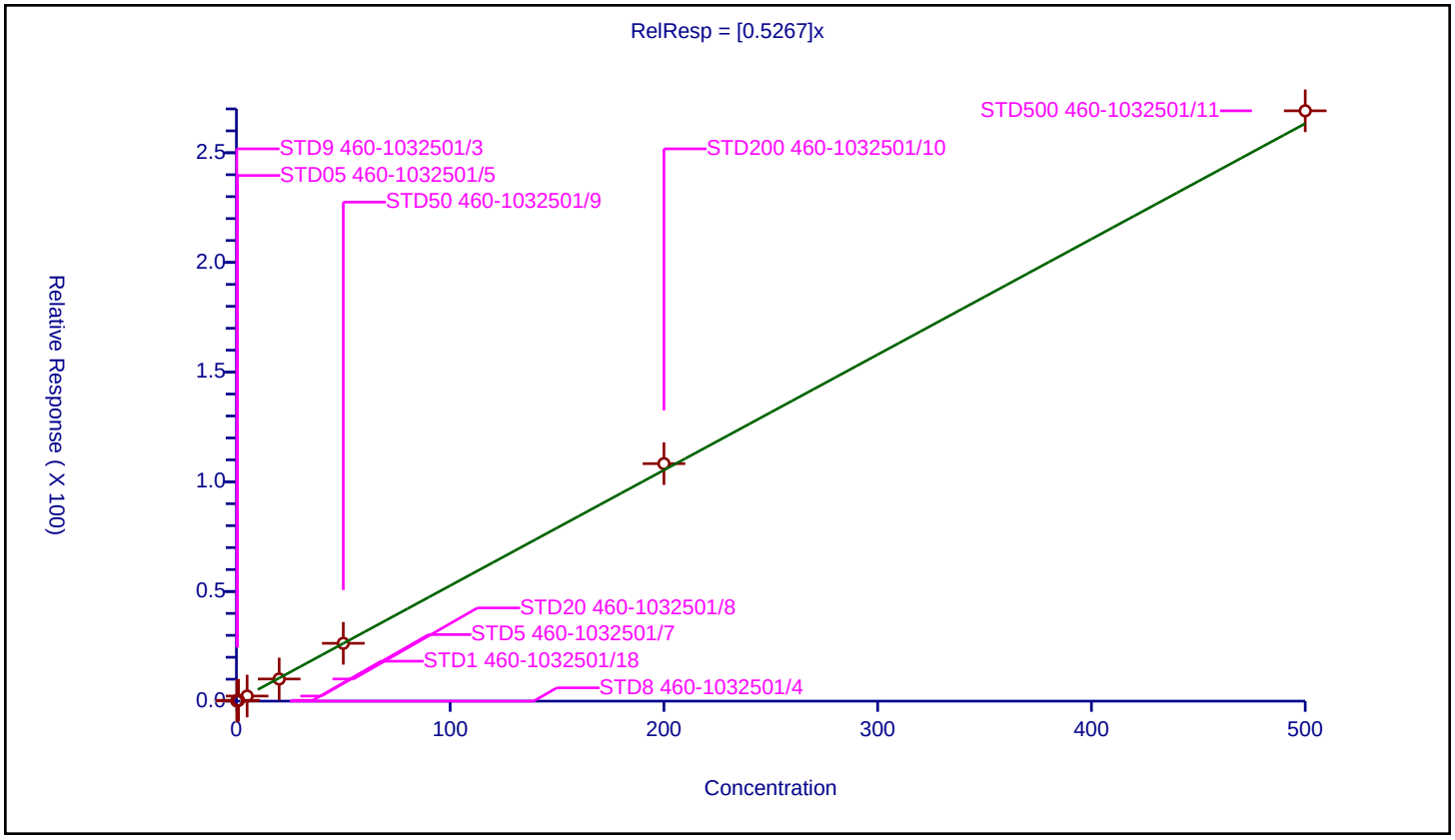
Curve Coefficients

Intercept:	0
Slope:	0.5267

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.139062	50.0	505169.0	0.695312	Y
3	STD05 460-1032501/5	0.5	0.278801	50.0	519546.0	0.557602	Y
4	STD1 460-1032501/18	1.0	0.383371	50.0	484909.0	0.383371	Y
5	STD5 460-1032501/7	5.0	2.325958	50.0	512348.0	0.465192	Y
6	STD20 460-1032501/8	20.0	10.092302	50.0	531405.0	0.504615	Y
7	STD50 460-1032501/9	50.0	26.372555	50.0	531363.0	0.527451	Y
8	STD200 460-1032501/10	200.0	108.283706	50.0	540863.0	0.541419	Y
9	STD500 460-1032501/11	500.0	269.124407	50.0	550187.0	0.538249	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

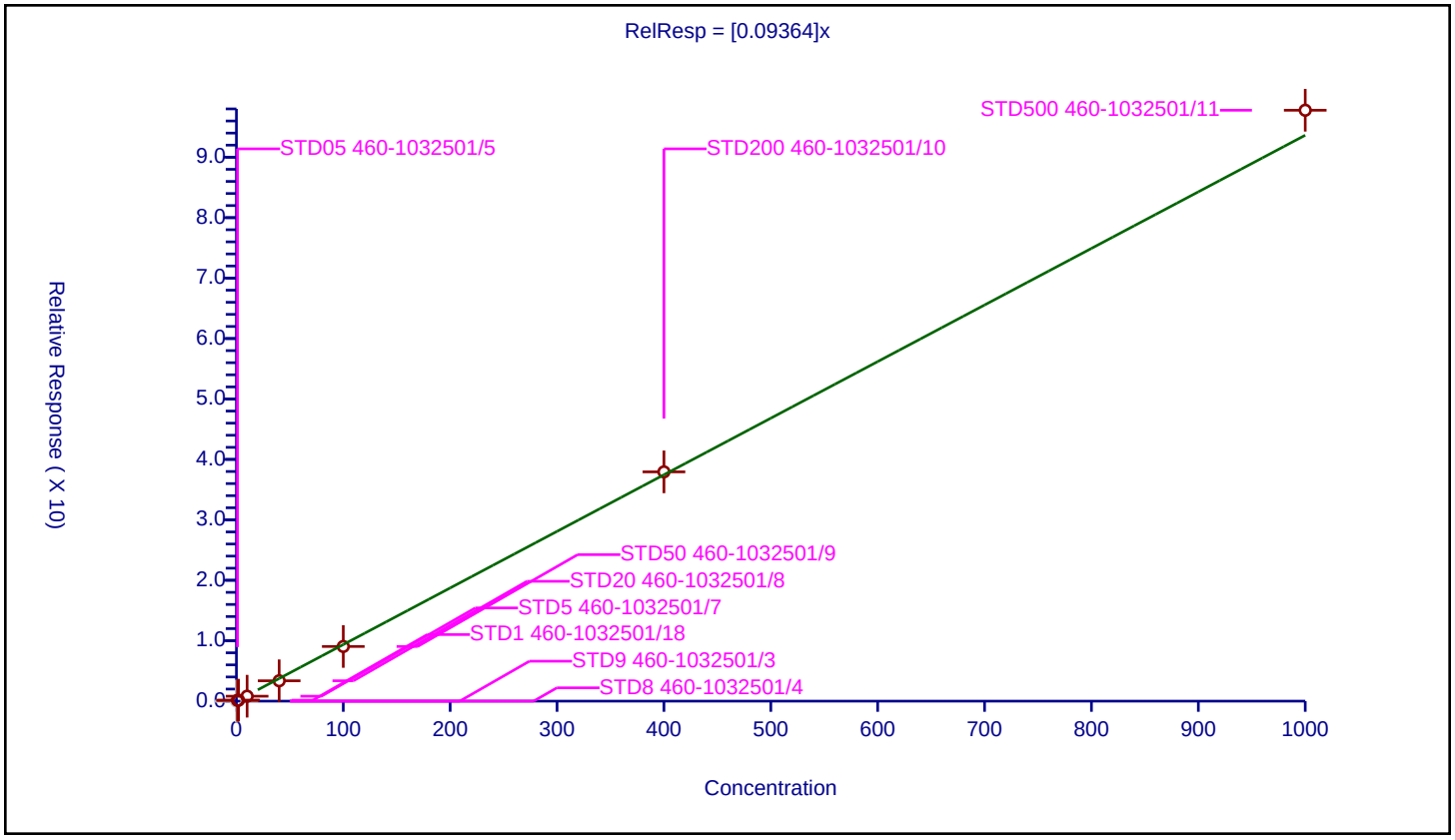
Curve Coefficients

Intercept:	0
Slope:	0.09364

Error Coefficients

Relative Standard Deviation:	18.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.4	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	1.0	0.128381	50.0	519546.0	0.128381	Y
4	STD1 460-1032501/18	2.0	0.156524	50.0	484909.0	0.078262	Y
5	STD5 460-1032501/7	10.0	0.815364	50.0	512348.0	0.081536	Y
6	STD20 460-1032501/8	40.0	3.368523	50.0	531405.0	0.084213	Y
7	STD50 460-1032501/9	100.0	9.047487	50.0	531363.0	0.090475	Y
8	STD200 460-1032501/10	400.0	37.939829	50.0	540863.0	0.09485	Y
9	STD500 460-1032501/11	1000.0	97.775574	50.0	550187.0	0.097776	Y



Calibration / Epichlorohydrin

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

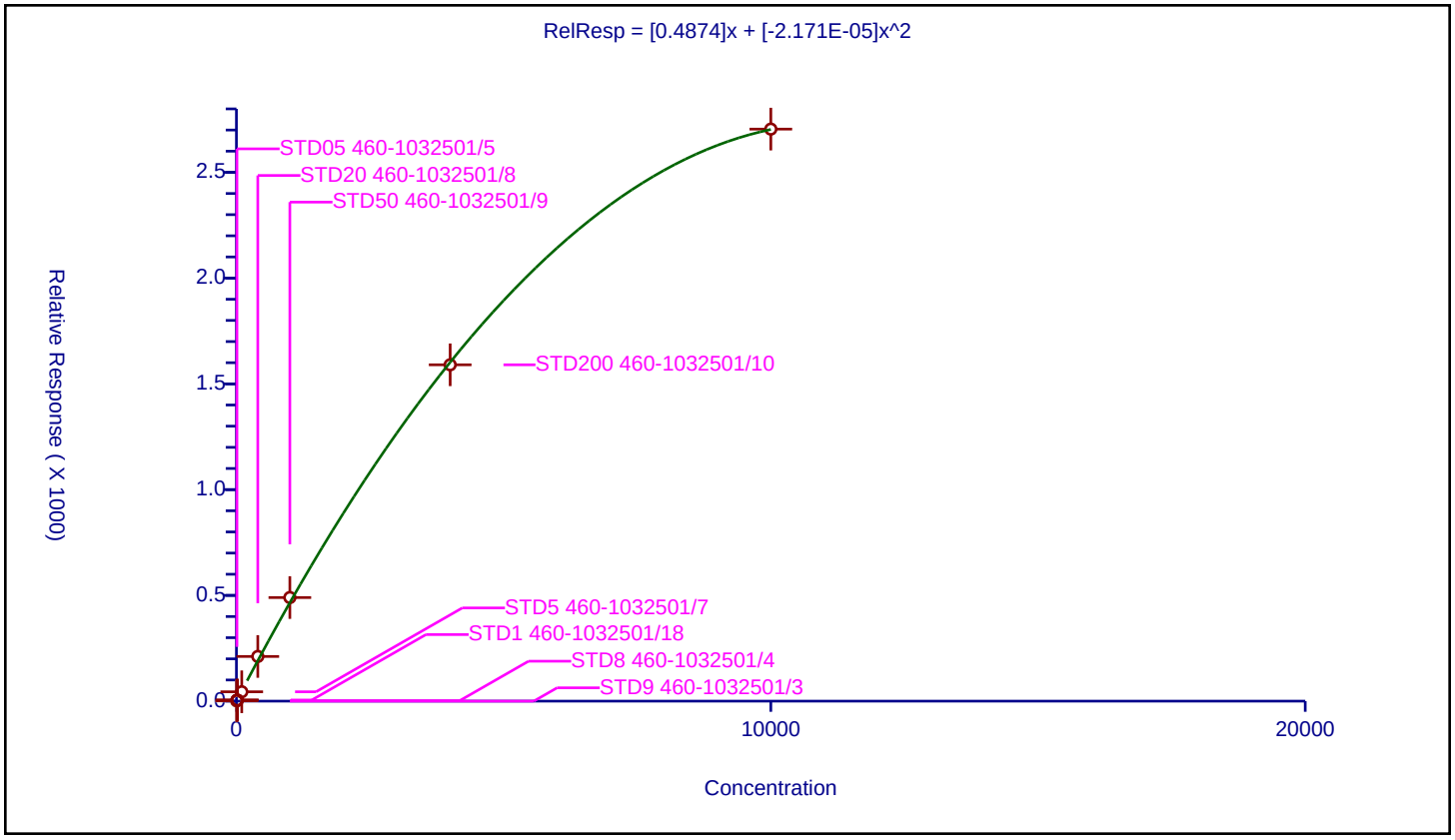
Curve Coefficients

Intercept:	0
Slope:	0.4874
Second Order:	-2.171E-05

Error Coefficients

Relative Standard Deviation:	21.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	4.000007	0.0	250.0	212708.0	0.0	N
2	STD8 460-1032501/4	5.000009	1.929884	250.0	162445.0	0.385976	Y
3	STD05 460-1032501/5	10.000017	4.889341	250.0	98275.0	0.488933	Y
4	STD1 460-1032501/18	20.000035	5.171093	250.0	90068.0	0.258554	Y
5	STD5 460-1032501/7	100.000173	44.232426	250.0	94043.0	0.442323	Y
6	STD20 460-1032501/8	400.000692	211.282806	250.0	87332.0	0.528206	Y
7	STD50 460-1032501/9	1000.00173	489.774756	250.0	107528.0	0.489774	Y
8	STD200 460-1032501/10	4000.00692	1590.190299	250.0	174725.0	0.397547	Y
9	STD500 460-1032501/11	10000.0173	2704.409051	250.0	199442.0	0.27044	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

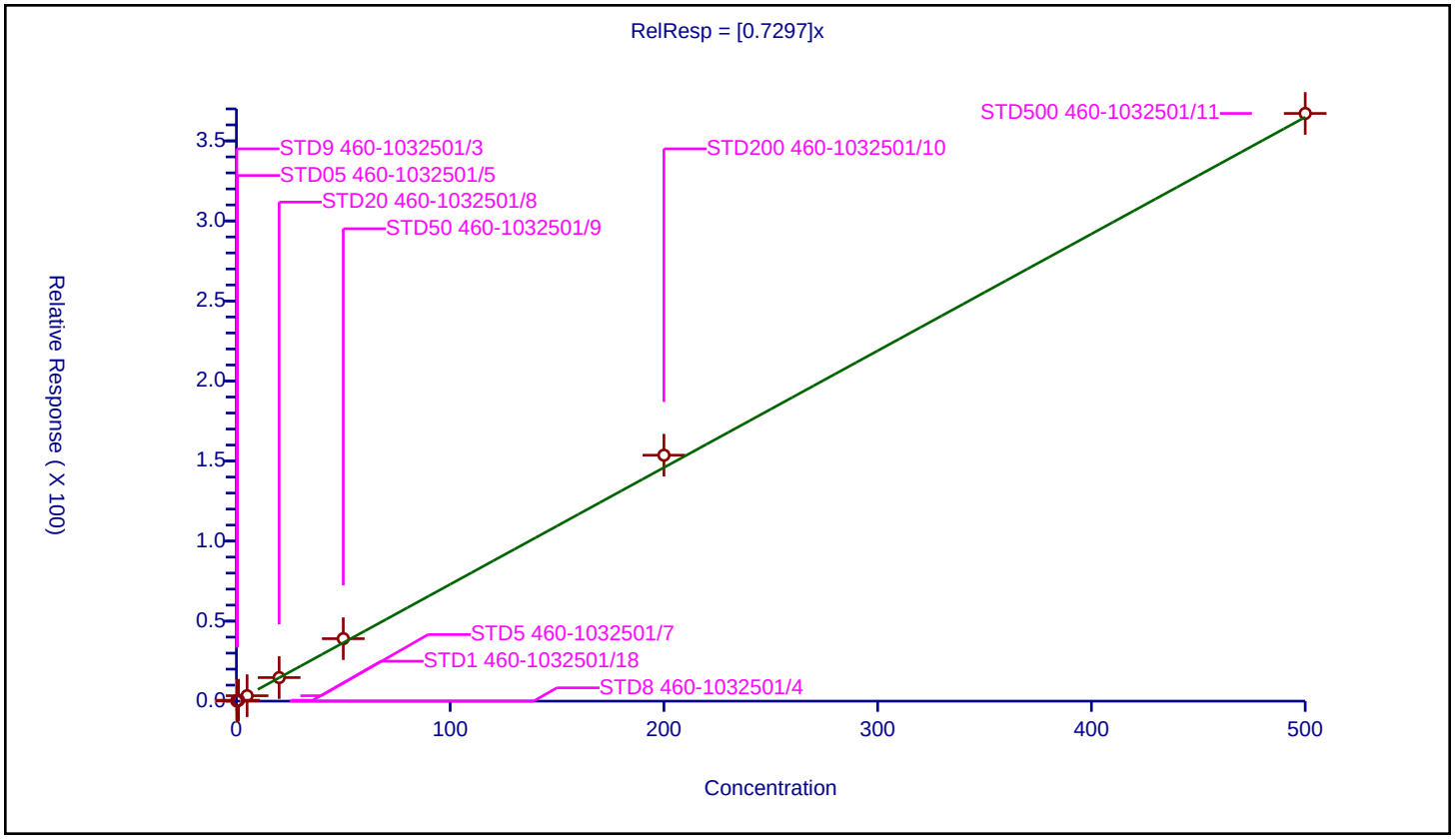
Curve Coefficients

Intercept:	0
Slope:	0.7297

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.153073	50.0	417122.0	0.765364	Y
3	STD05 460-1032501/5	0.5	0.398422	50.0	418024.0	0.796844	Y
4	STD1 460-1032501/18	1.0	0.57854	50.0	395824.0	0.57854	Y
5	STD5 460-1032501/7	5.0	3.387237	50.0	415058.0	0.677447	Y
6	STD20 460-1032501/8	20.0	14.716667	50.0	427094.0	0.735833	Y
7	STD50 460-1032501/9	50.0	39.03543	50.0	426729.0	0.780709	Y
8	STD200 460-1032501/10	200.0	153.656843	50.0	447859.0	0.768284	Y
9	STD500 460-1032501/11	500.0	367.160002	50.0	466620.0	0.73432	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

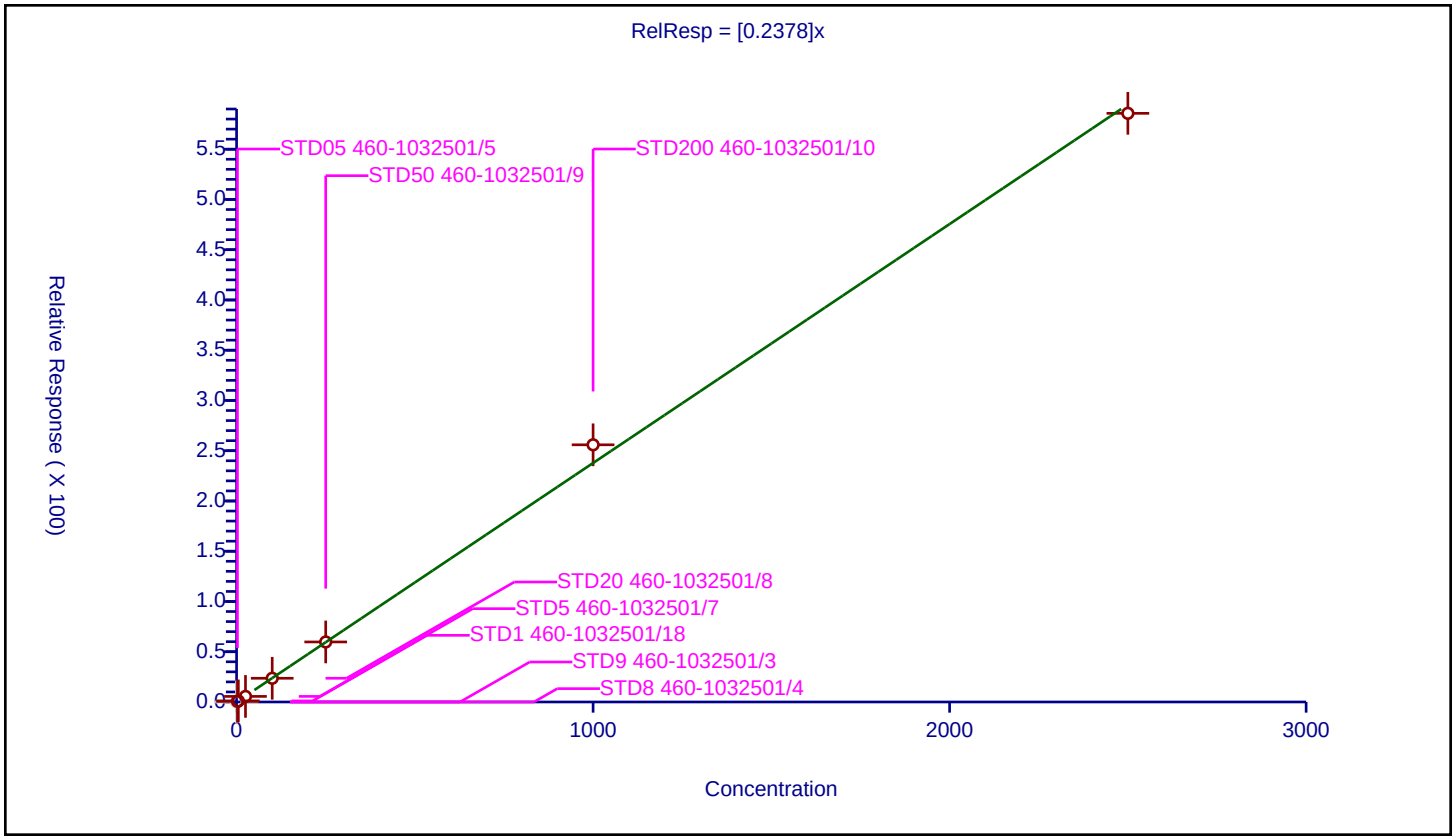
Curve Coefficients

Intercept:	0
Slope:	0.2378

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	1.0	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	2.5	0.660673	50.0	519546.0	0.264269	Y
4	STD1 460-1032501/18	5.0	1.061952	50.0	484909.0	0.21239	Y
5	STD5 460-1032501/7	25.0	5.563406	50.0	512348.0	0.222536	Y
6	STD20 460-1032501/8	100.0	23.608924	50.0	531405.0	0.236089	Y
7	STD50 460-1032501/9	250.0	59.725555	50.0	531363.0	0.238902	Y
8	STD200 460-1032501/10	1000.0	255.905285	50.0	540863.0	0.255905	Y
9	STD500 460-1032501/11	2500.0	585.712858	50.0	550187.0	0.234285	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

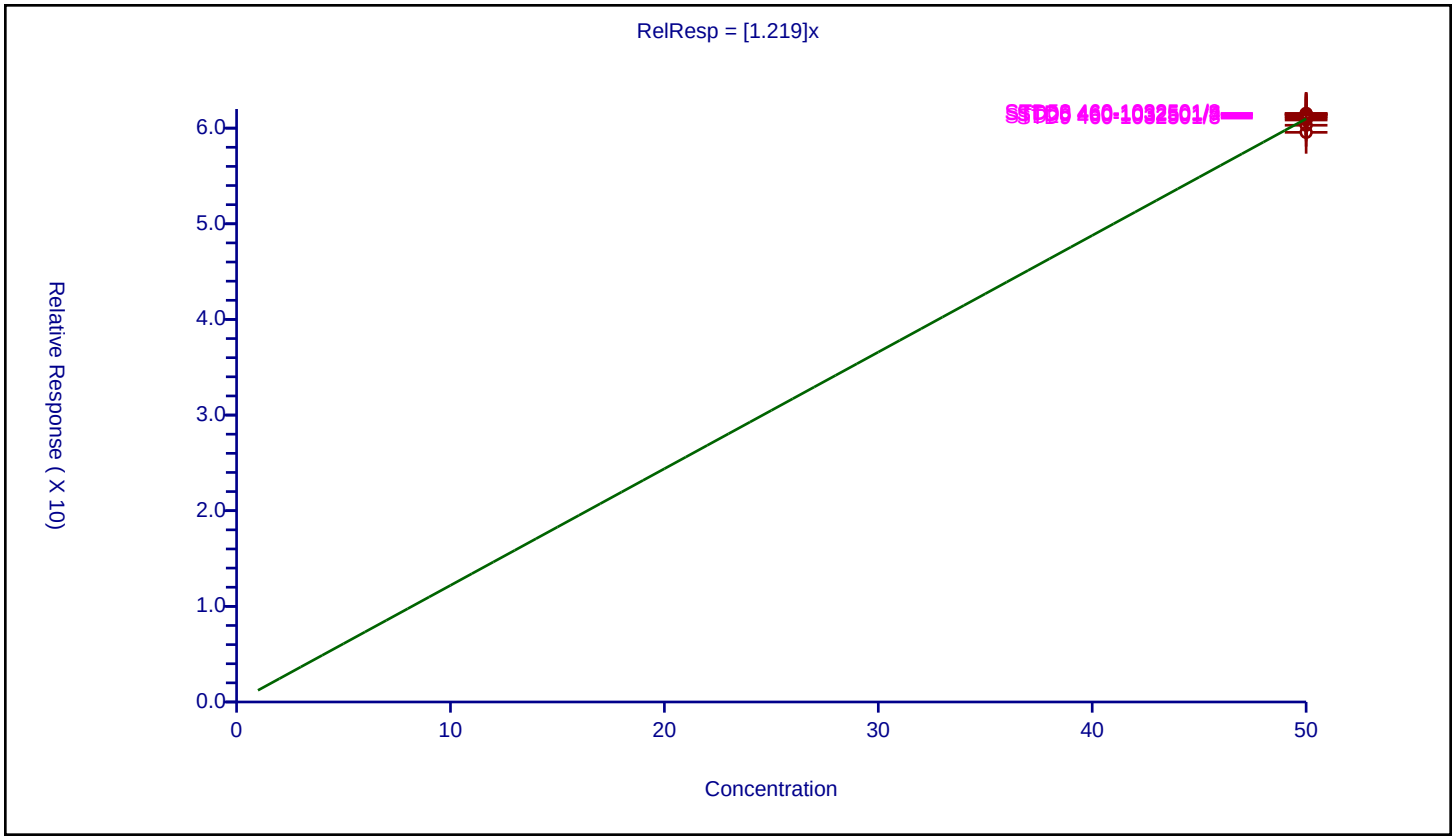
Curve Coefficients

Intercept:	0
Slope:	1.219

Error Coefficients

Relative Standard Deviation:	1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	50.0	61.049285	50.0	417122.0	1.220986	Y
2	STD8 460-1032501/4	50.0	61.420278	50.0	436837.0	1.228406	Y
3	STD05 460-1032501/5	50.0	61.495991	50.0	418024.0	1.22992	Y
4	STD5 460-1032501/7	50.0	61.353955	50.0	415058.0	1.227079	Y
5	STD20 460-1032501/8	50.0	61.192384	50.0	427094.0	1.223848	Y
6	STD50 460-1032501/9	50.0	61.543157	50.0	426729.0	1.230863	Y
7	STD200 460-1032501/10	50.0	60.303131	50.0	447859.0	1.206063	Y
8	STD500 460-1032501/11	50.0	59.558956	50.0	466620.0	1.191179	Y
9	STD1 460-1032501/18	50.0	60.848761	50.0	395824.0	1.216975	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

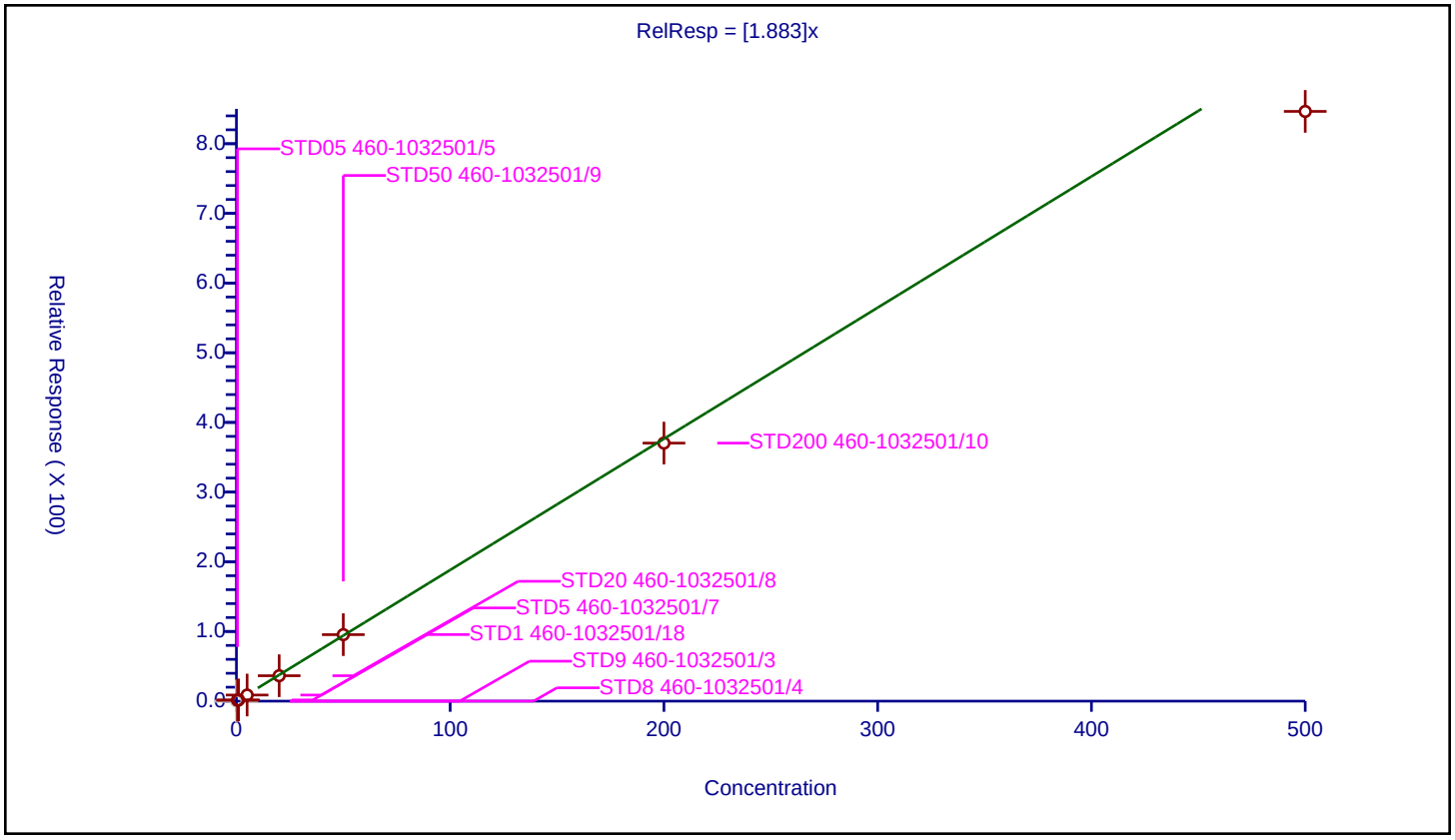
Curve Coefficients

Intercept:	0
Slope:	1.883

Error Coefficients

Relative Standard Deviation:	14.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	1.225887	50.0	418024.0	2.451773	Y
4	STD1 460-1032501/18	1.0	1.696966	50.0	395824.0	1.696966	Y
5	STD5 460-1032501/7	5.0	8.757571	50.0	415058.0	1.751514	Y
6	STD20 460-1032501/8	20.0	36.491967	50.0	427094.0	1.824598	Y
7	STD50 460-1032501/9	50.0	95.415943	50.0	426729.0	1.908319	Y
8	STD200 460-1032501/10	200.0	370.329948	50.0	447859.0	1.85165	Y
9	STD500 460-1032501/11	500.0	846.387424	50.0	466620.0	1.692775	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

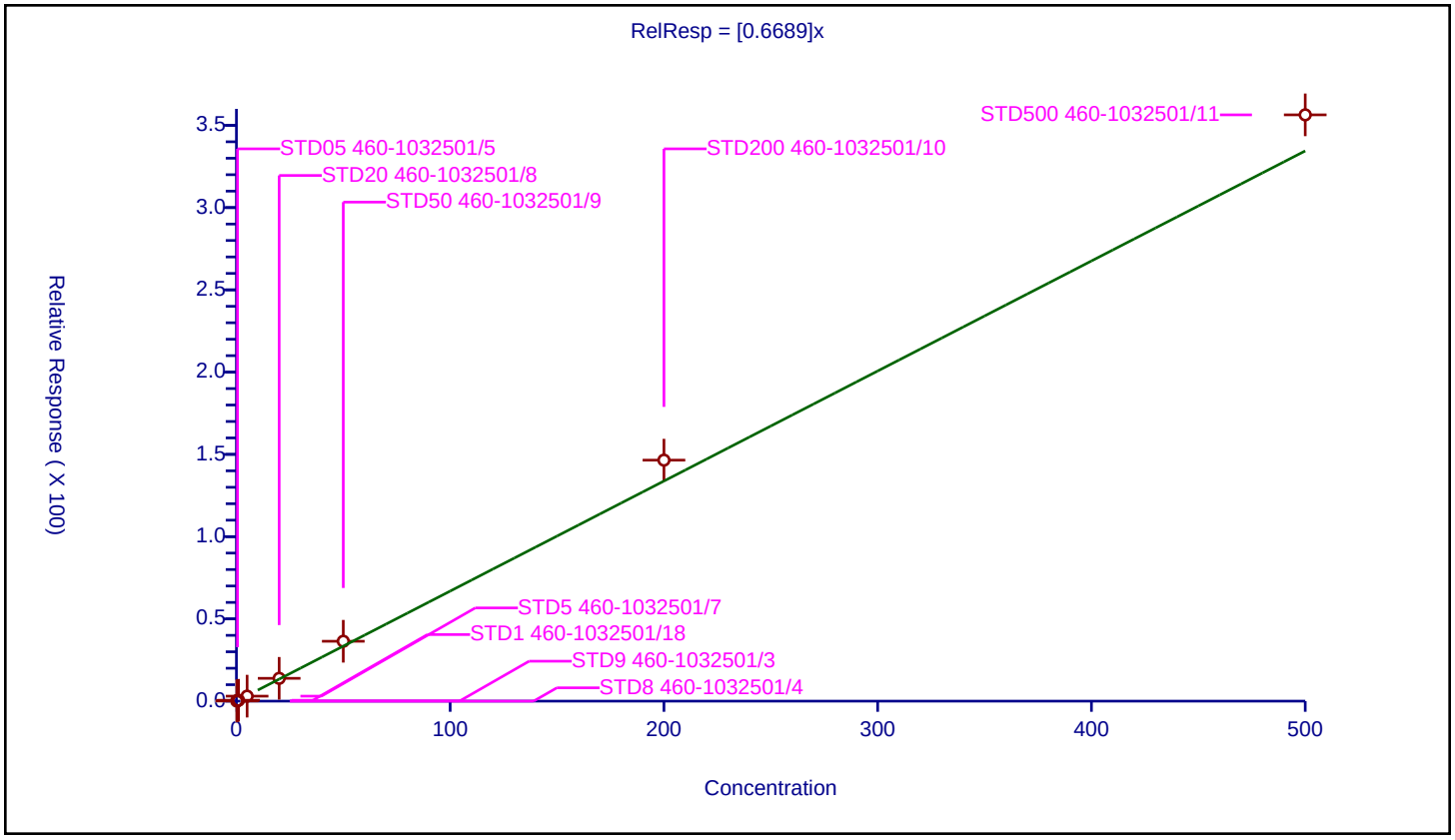
Curve Coefficients

Intercept:	0
Slope:	0.6689

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.115074	50.0	417122.0	0.575371	Y
3	STD05 460-1032501/5	0.5	0.386581	50.0	418024.0	0.773161	Y
4	STD1 460-1032501/18	1.0	0.529655	50.0	395824.0	0.529655	Y
5	STD5 460-1032501/7	5.0	3.030661	50.0	415058.0	0.606132	Y
6	STD20 460-1032501/8	20.0	13.872356	50.0	427094.0	0.693618	Y
7	STD50 460-1032501/9	50.0	36.409056	50.0	426729.0	0.728181	Y
8	STD200 460-1032501/10	200.0	146.491976	50.0	447859.0	0.73246	Y
9	STD500 460-1032501/11	500.0	356.373173	50.0	466620.0	0.712746	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

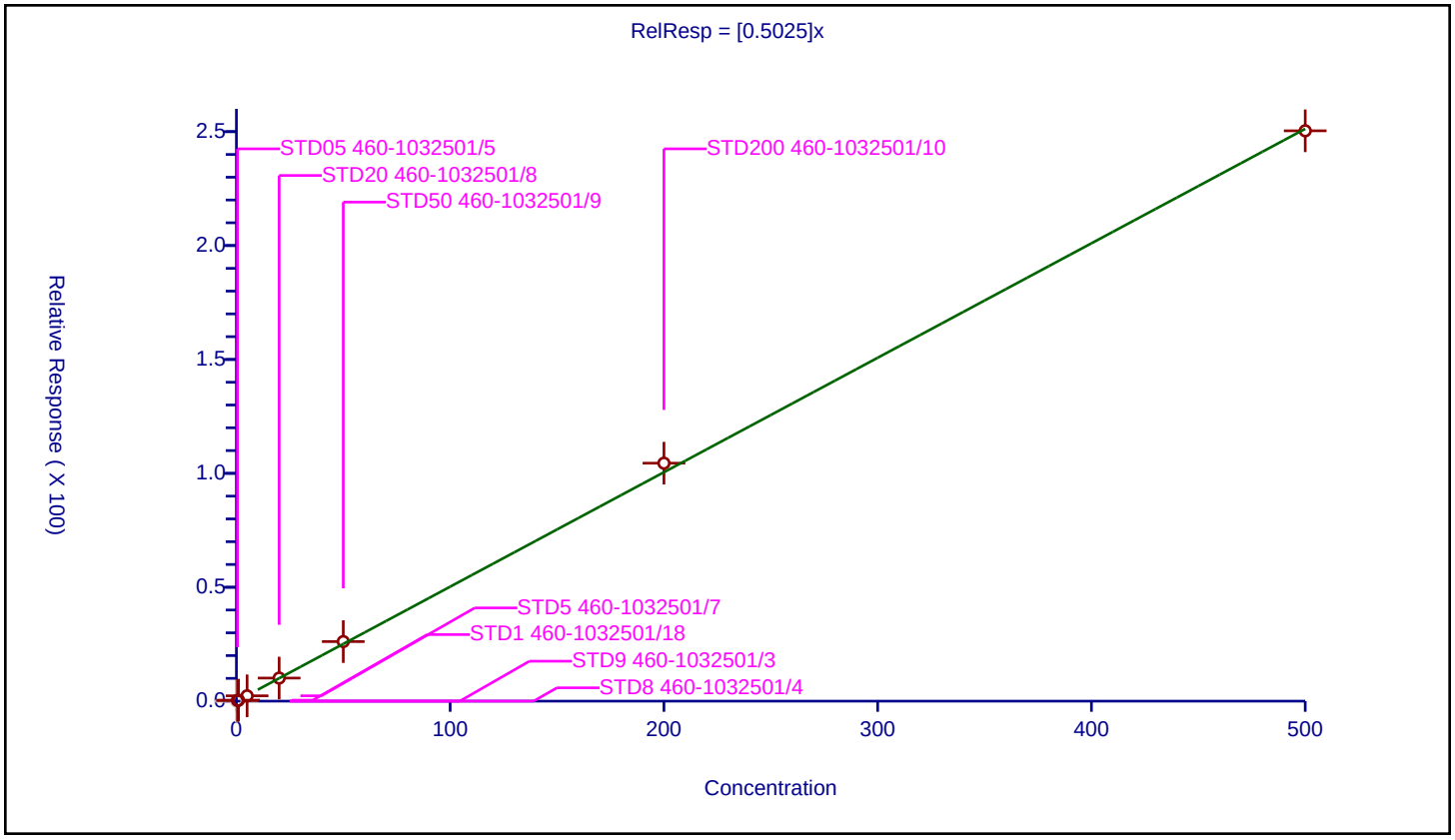
Curve Coefficients

Intercept:	0
Slope:	0.5025

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.28563	50.0	418024.0	0.571259	Y
4	STD1 460-1032501/18	1.0	0.425947	50.0	395824.0	0.425947	Y
5	STD5 460-1032501/7	5.0	2.338468	50.0	415058.0	0.467694	Y
6	STD20 460-1032501/8	20.0	10.126693	50.0	427094.0	0.506335	Y
7	STD50 460-1032501/9	50.0	26.150789	50.0	426729.0	0.523016	Y
8	STD200 460-1032501/10	200.0	104.470938	50.0	447859.0	0.522355	Y
9	STD500 460-1032501/11	500.0	250.379109	50.0	466620.0	0.500758	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

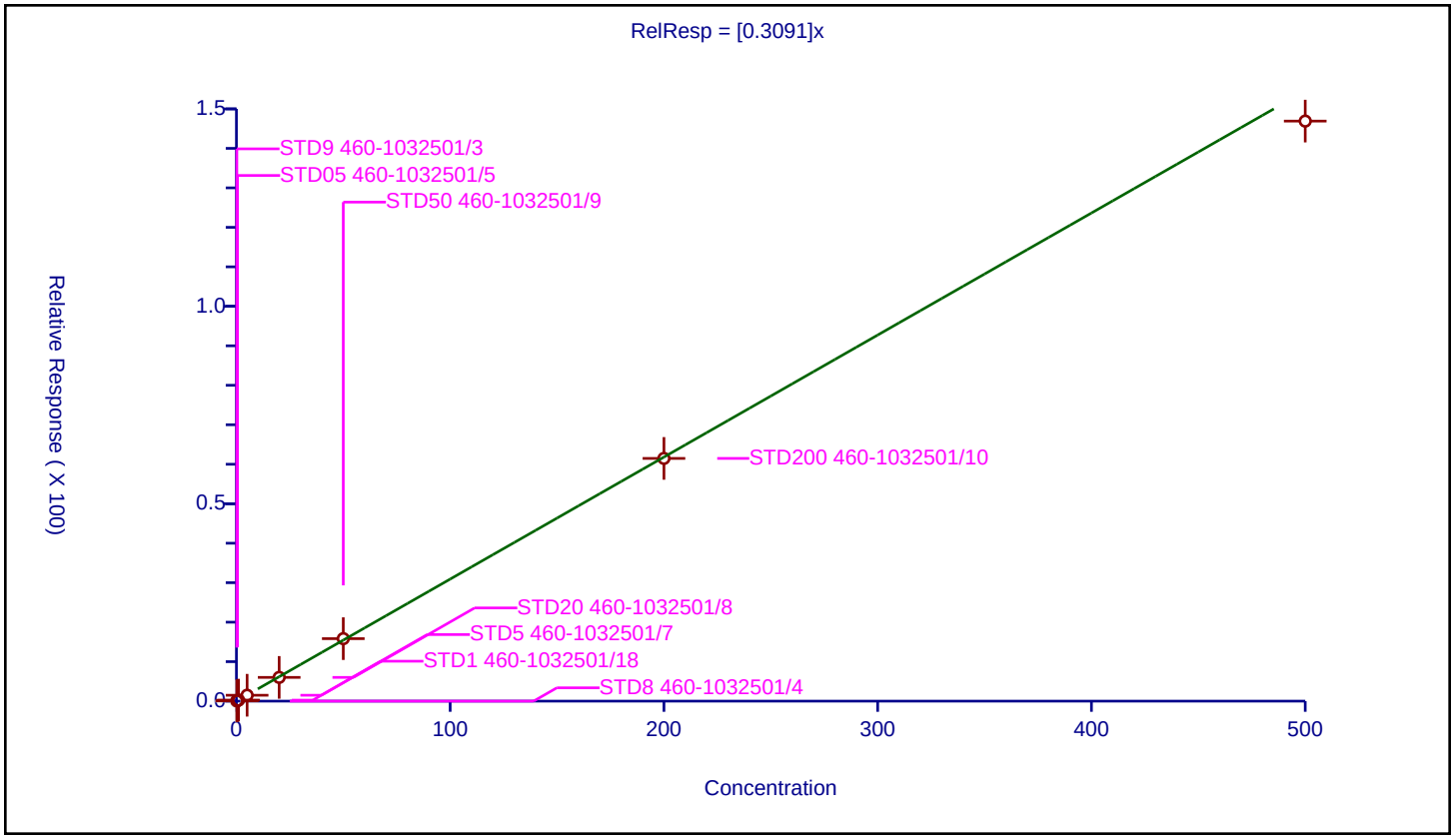
Curve Coefficients

Intercept:	0
Slope:	0.3091

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.068925	50.0	417122.0	0.344623	Y
3	STD05 460-1032501/5	0.5	0.1781	50.0	418024.0	0.3562	Y
4	STD1 460-1032501/18	1.0	0.254659	50.0	395824.0	0.254659	Y
5	STD5 460-1032501/7	5.0	1.49461	50.0	415058.0	0.298922	Y
6	STD20 460-1032501/8	20.0	6.010621	50.0	427094.0	0.300531	Y
7	STD50 460-1032501/9	50.0	15.826204	50.0	426729.0	0.316524	Y
8	STD200 460-1032501/10	200.0	61.478948	50.0	447859.0	0.307395	Y
9	STD500 460-1032501/11	500.0	146.908834	50.0	466620.0	0.293818	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

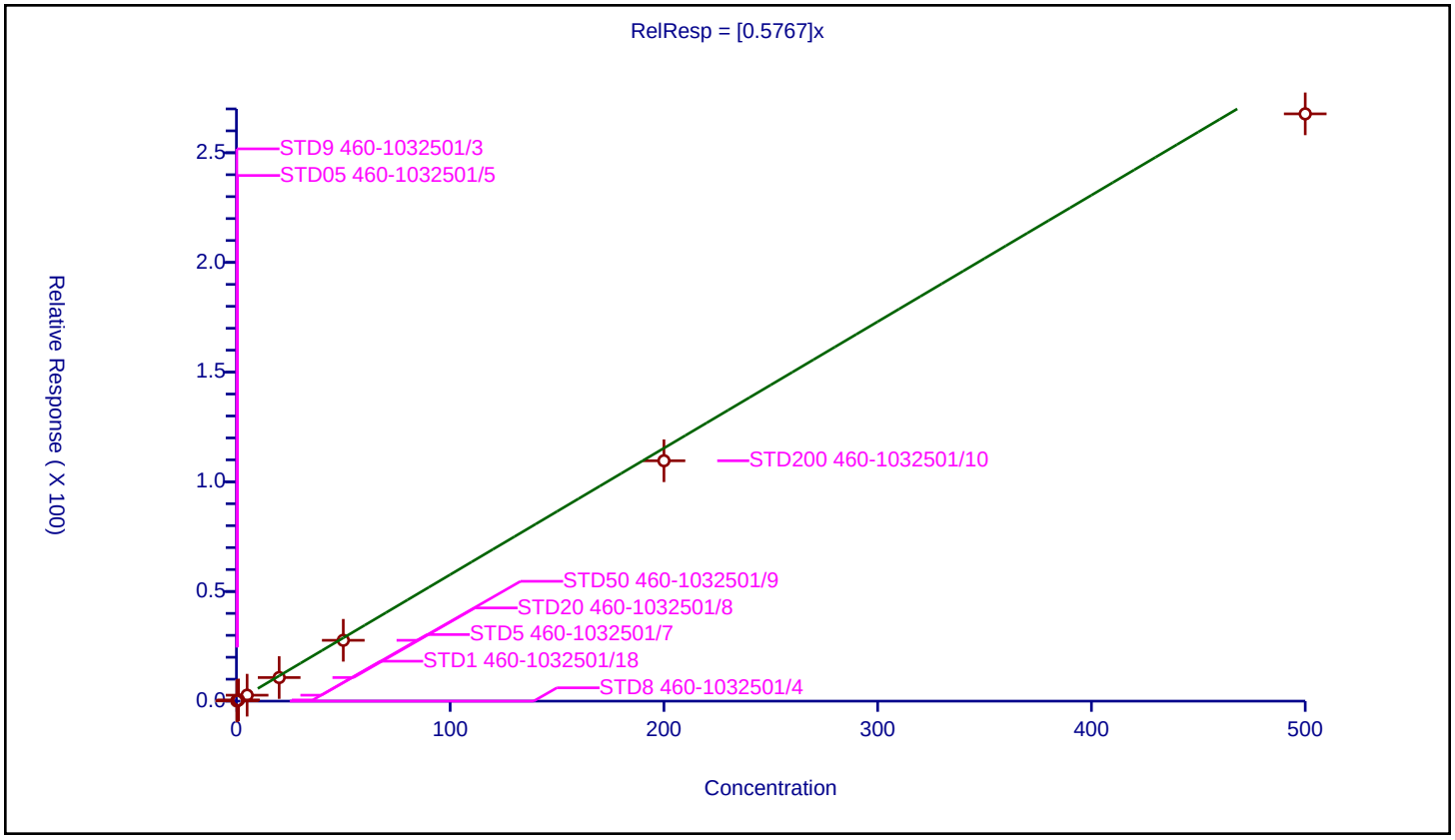
Curve Coefficients

Intercept:	0
Slope:	0.5767

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.138928	50.0	417122.0	0.694641	Y
3	STD05 460-1032501/5	0.5	0.335866	50.0	418024.0	0.671732	Y
4	STD1 460-1032501/18	1.0	0.528012	50.0	395824.0	0.528012	Y
5	STD5 460-1032501/7	5.0	2.716608	50.0	415058.0	0.543322	Y
6	STD20 460-1032501/8	20.0	10.747283	50.0	427094.0	0.537364	Y
7	STD50 460-1032501/9	50.0	27.738916	50.0	426729.0	0.554778	Y
8	STD200 460-1032501/10	200.0	109.587839	50.0	447859.0	0.547939	Y
9	STD500 460-1032501/11	500.0	267.744632	50.0	466620.0	0.535489	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

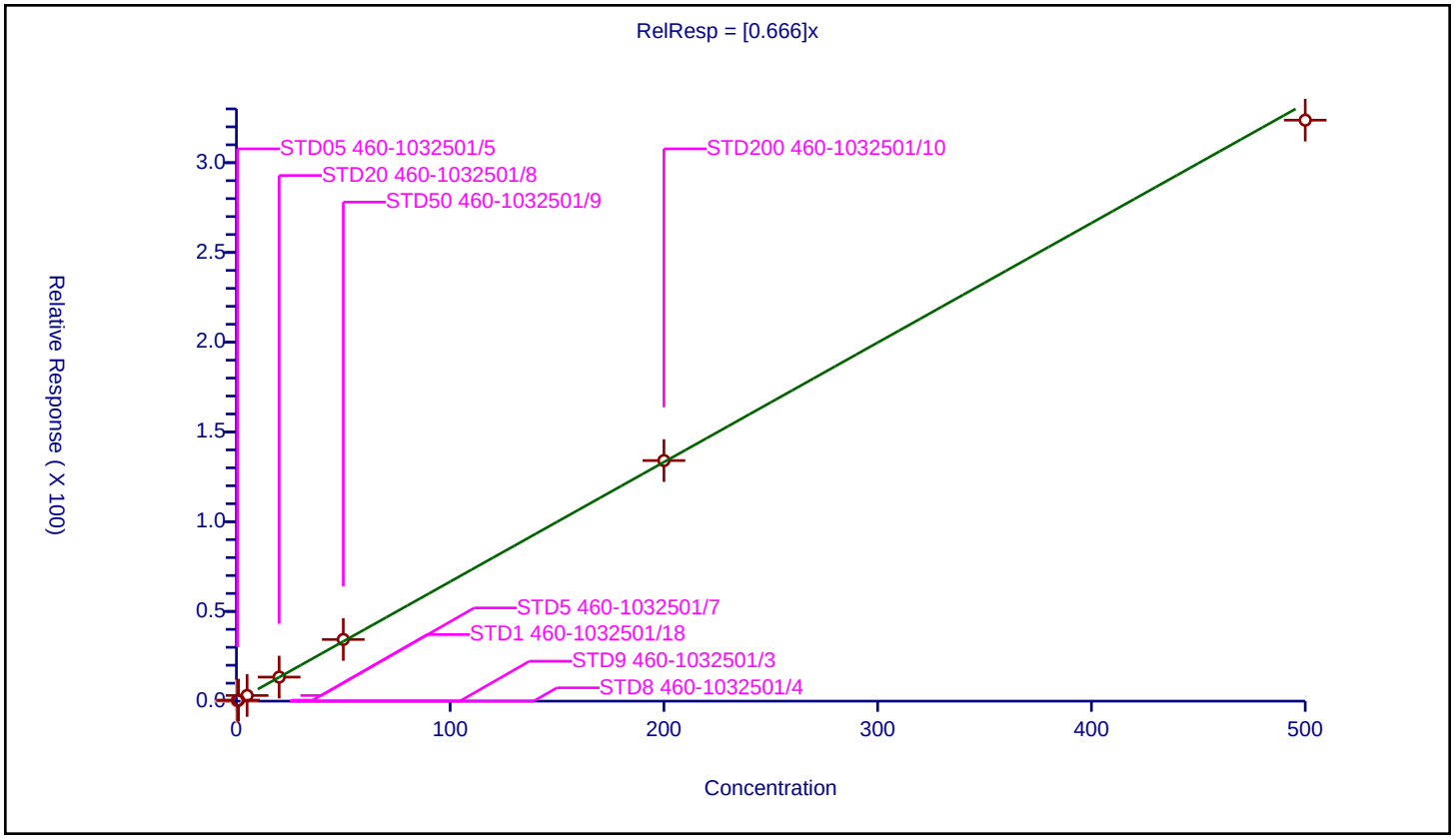
Curve Coefficients

Intercept:	0
Slope:	0.666

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.399738	50.0	418024.0	0.799476	Y
4	STD1 460-1032501/18	1.0	0.557697	50.0	395824.0	0.557697	Y
5	STD5 460-1032501/7	5.0	3.147994	50.0	415058.0	0.629599	Y
6	STD20 460-1032501/8	20.0	13.402787	50.0	427094.0	0.670139	Y
7	STD50 460-1032501/9	50.0	34.364784	50.0	426729.0	0.687296	Y
8	STD200 460-1032501/10	200.0	134.060608	50.0	447859.0	0.670303	Y
9	STD500 460-1032501/11	500.0	323.720051	50.0	466620.0	0.64744	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

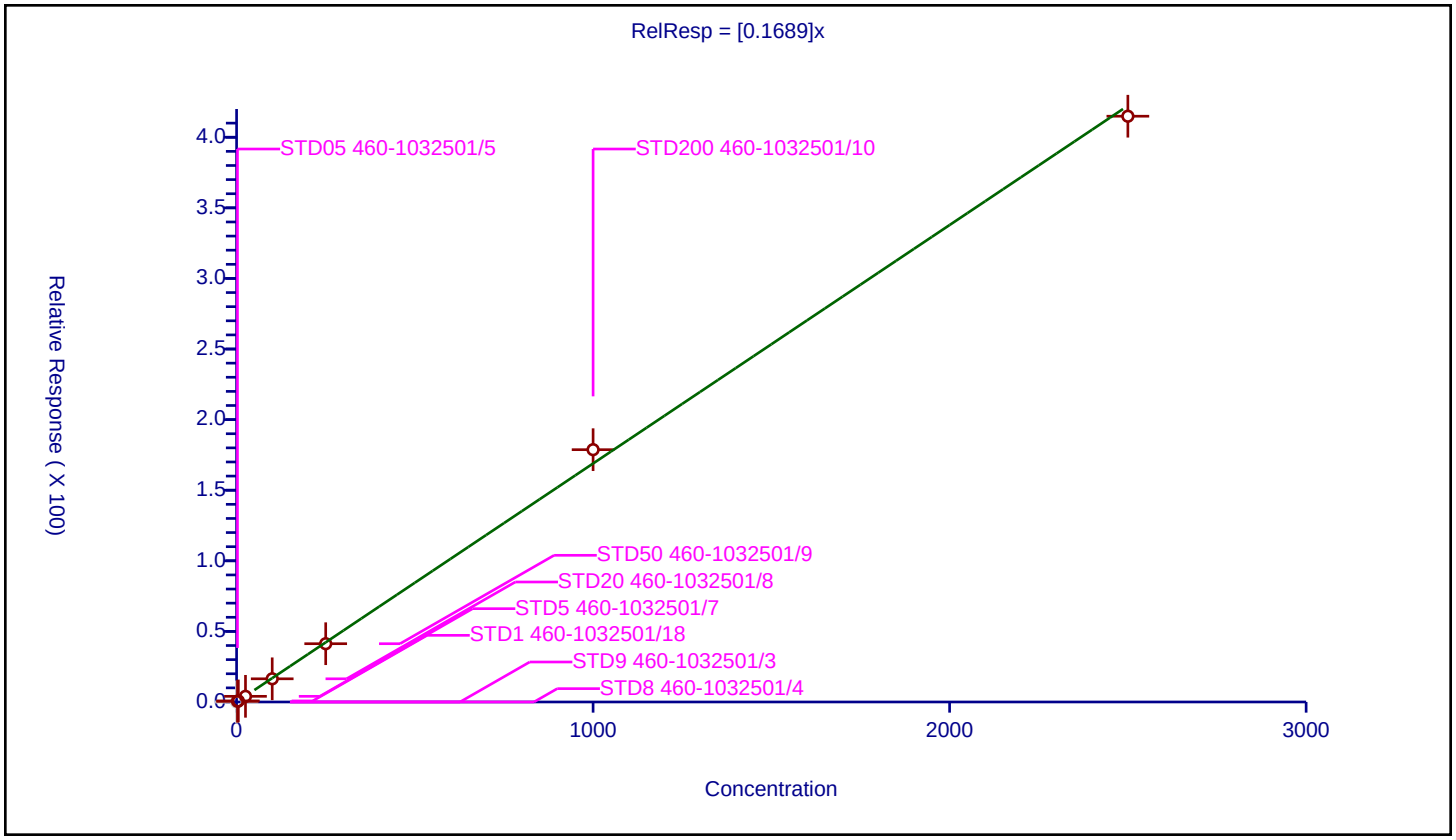
Curve Coefficients

Intercept:	0
Slope:	0.1689

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	1.0	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	2.5	0.500918	50.0	519546.0	0.200367	Y
4	STD1 460-1032501/18	5.0	0.738902	50.0	484909.0	0.14778	Y
5	STD5 460-1032501/7	25.0	4.008311	50.0	512348.0	0.160332	Y
6	STD20 460-1032501/8	100.0	16.420339	50.0	531405.0	0.164203	Y
7	STD50 460-1032501/9	250.0	41.270657	50.0	531363.0	0.165083	Y
8	STD200 460-1032501/10	1000.0	178.712631	50.0	540863.0	0.178713	Y
9	STD500 460-1032501/11	2500.0	414.897753	50.0	550187.0	0.165959	Y



Calibration / n-Butyl acetate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

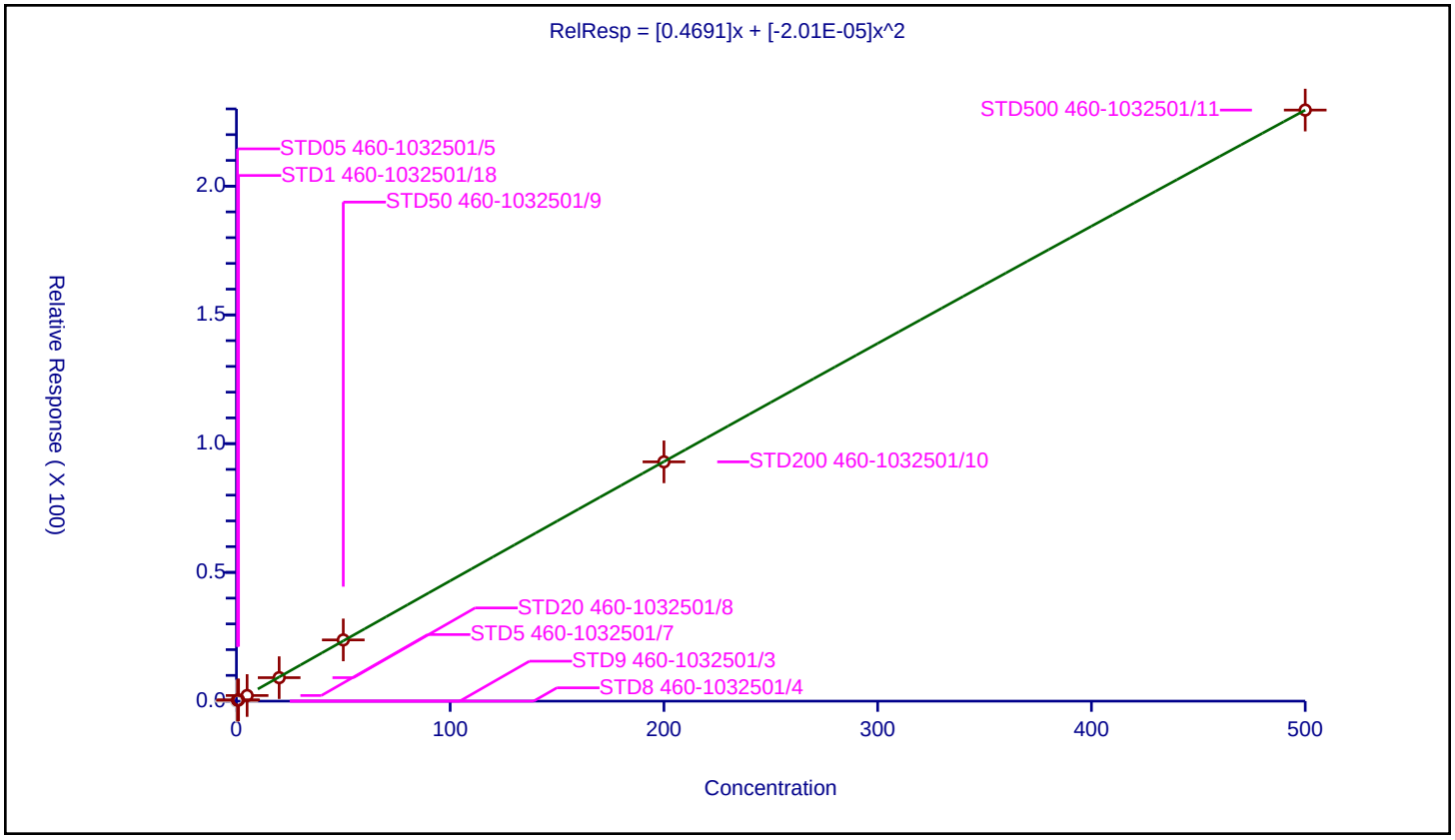
Curve Coefficients

Intercept:	0
Slope:	0.4691
Second Order:	-2.01E-05

Error Coefficients

Relative Standard Deviation:	27.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.378567	50.0	418024.0	0.757134	Y
4	STD1 460-1032501/18	1.0	0.479506	50.0	395824.0	0.479506	Y
5	STD5 460-1032501/7	5.0	2.18608	50.0	415058.0	0.437216	Y
6	STD20 460-1032501/8	20.0	9.122114	50.0	427094.0	0.456106	Y
7	STD50 460-1032501/9	50.0	23.770824	50.0	426729.0	0.475416	Y
8	STD200 460-1032501/10	200.0	92.929918	50.0	447859.0	0.46465	Y
9	STD500 460-1032501/11	500.0	229.54749	50.0	466620.0	0.459095	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

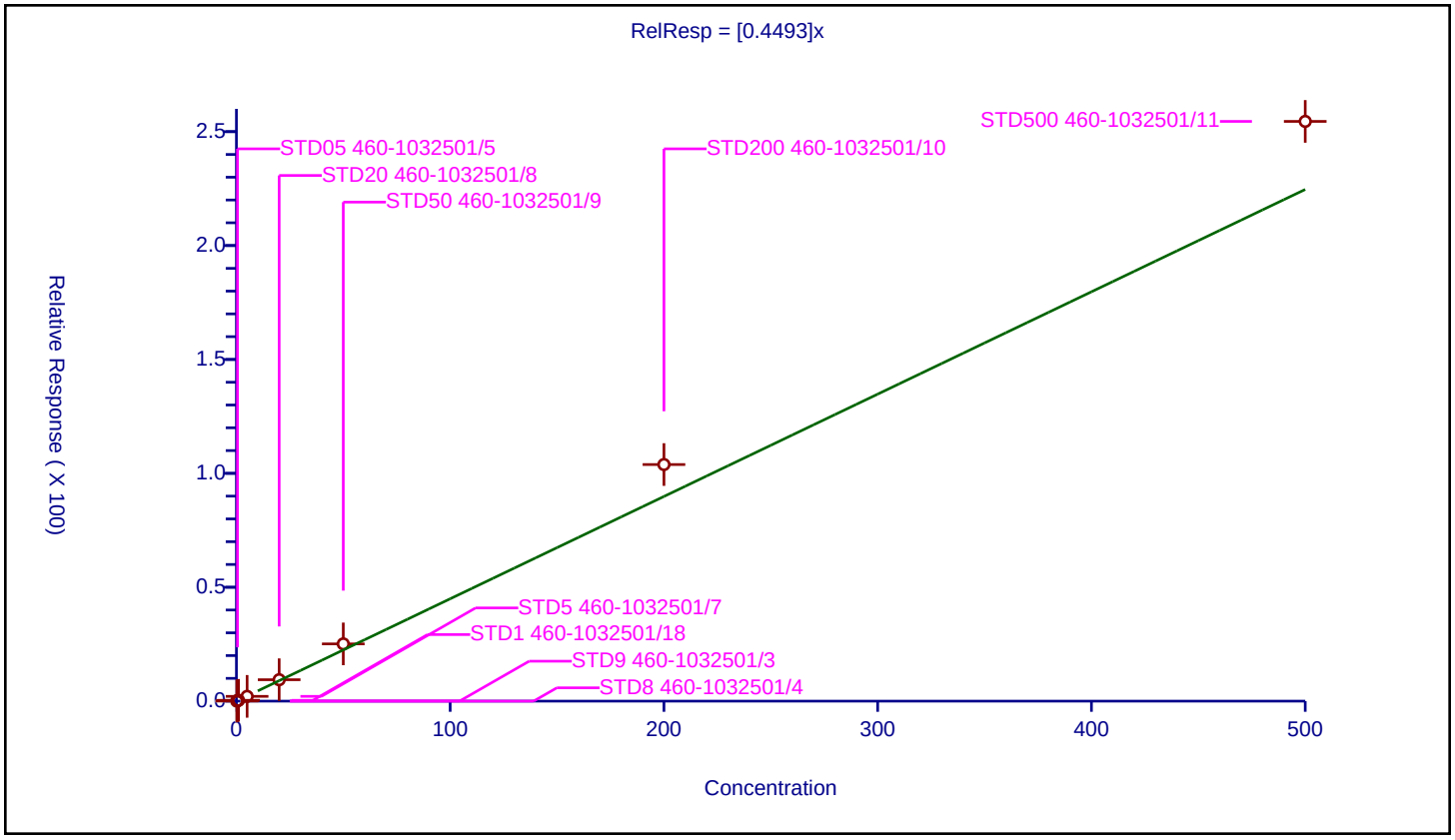
Curve Coefficients

Intercept:	0
Slope:	0.4493

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.067726	50.0	417122.0	0.33863	Y
3	STD05 460-1032501/5	0.5	0.238981	50.0	418024.0	0.477963	Y
4	STD1 460-1032501/18	1.0	0.355461	50.0	395824.0	0.355461	Y
5	STD5 460-1032501/7	5.0	2.104043	50.0	415058.0	0.420809	Y
6	STD20 460-1032501/8	20.0	9.407063	50.0	427094.0	0.470353	Y
7	STD50 460-1032501/9	50.0	25.12754	50.0	426729.0	0.502551	Y
8	STD200 460-1032501/10	200.0	103.86807	50.0	447859.0	0.51934	Y
9	STD500 460-1032501/11	500.0	254.501629	50.0	466620.0	0.509003	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

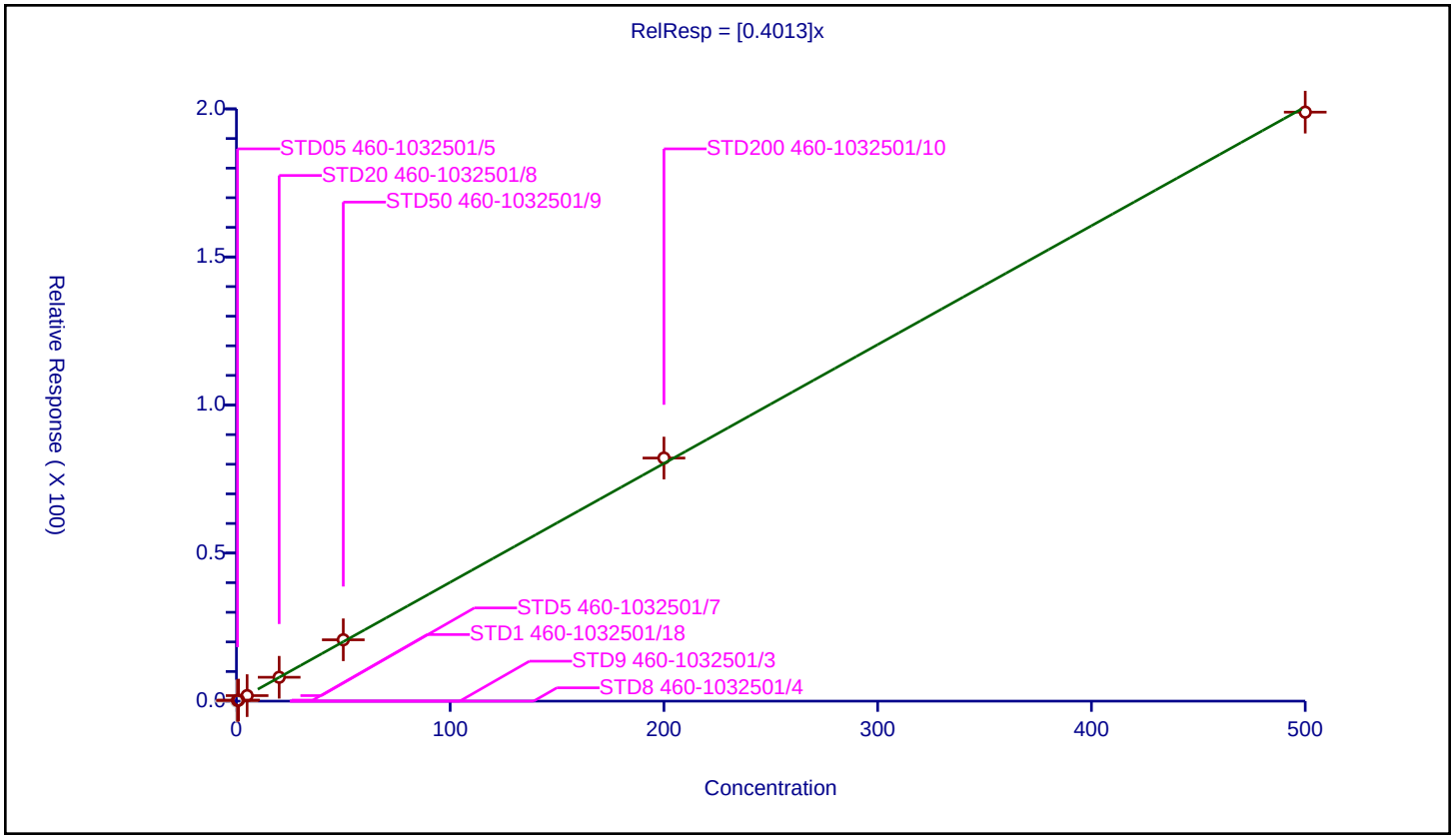
Curve Coefficients

Intercept:	0
Slope:	0.4013

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.234556	50.0	418024.0	0.469112	Y
4	STD1 460-1032501/18	1.0	0.342071	50.0	395824.0	0.342071	Y
5	STD5 460-1032501/7	5.0	1.862752	50.0	415058.0	0.37255	Y
6	STD20 460-1032501/8	20.0	8.058999	50.0	427094.0	0.40295	Y
7	STD50 460-1032501/9	50.0	20.71877	50.0	426729.0	0.414375	Y
8	STD200 460-1032501/10	200.0	82.096486	50.0	447859.0	0.410482	Y
9	STD500 460-1032501/11	500.0	198.899854	50.0	466620.0	0.3978	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

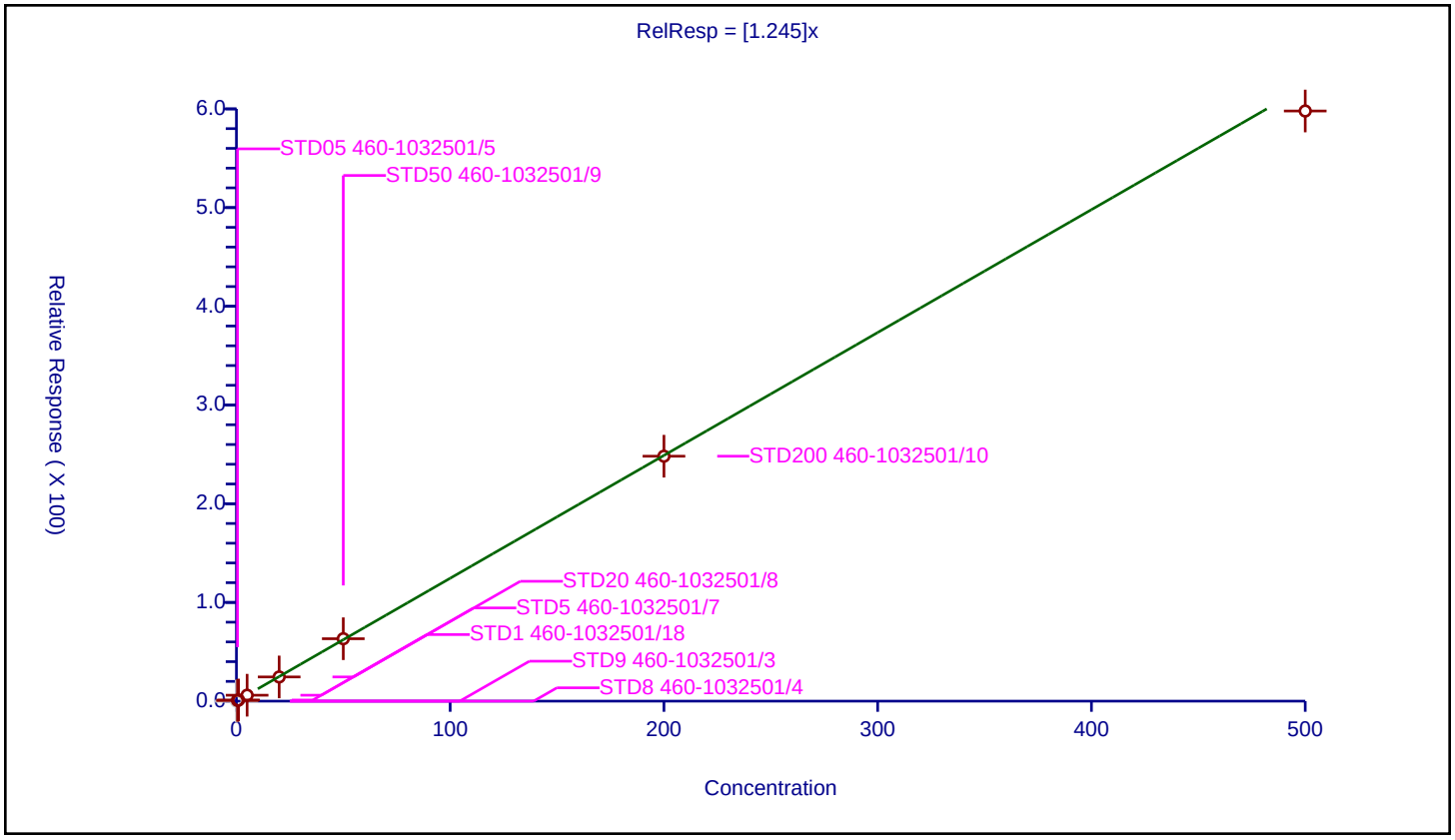
Curve Coefficients

Intercept:	0
Slope:	1.245

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.738355	50.0	418024.0	1.476709	Y
4	STD1 460-1032501/18	1.0	1.111353	50.0	395824.0	1.111353	Y
5	STD5 460-1032501/7	5.0	5.997234	50.0	415058.0	1.199447	Y
6	STD20 460-1032501/8	20.0	24.500695	50.0	427094.0	1.225035	Y
7	STD50 460-1032501/9	50.0	63.230059	50.0	426729.0	1.264601	Y
8	STD200 460-1032501/10	200.0	248.155558	50.0	447859.0	1.240778	Y
9	STD500 460-1032501/11	500.0	597.863572	50.0	466620.0	1.195727	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

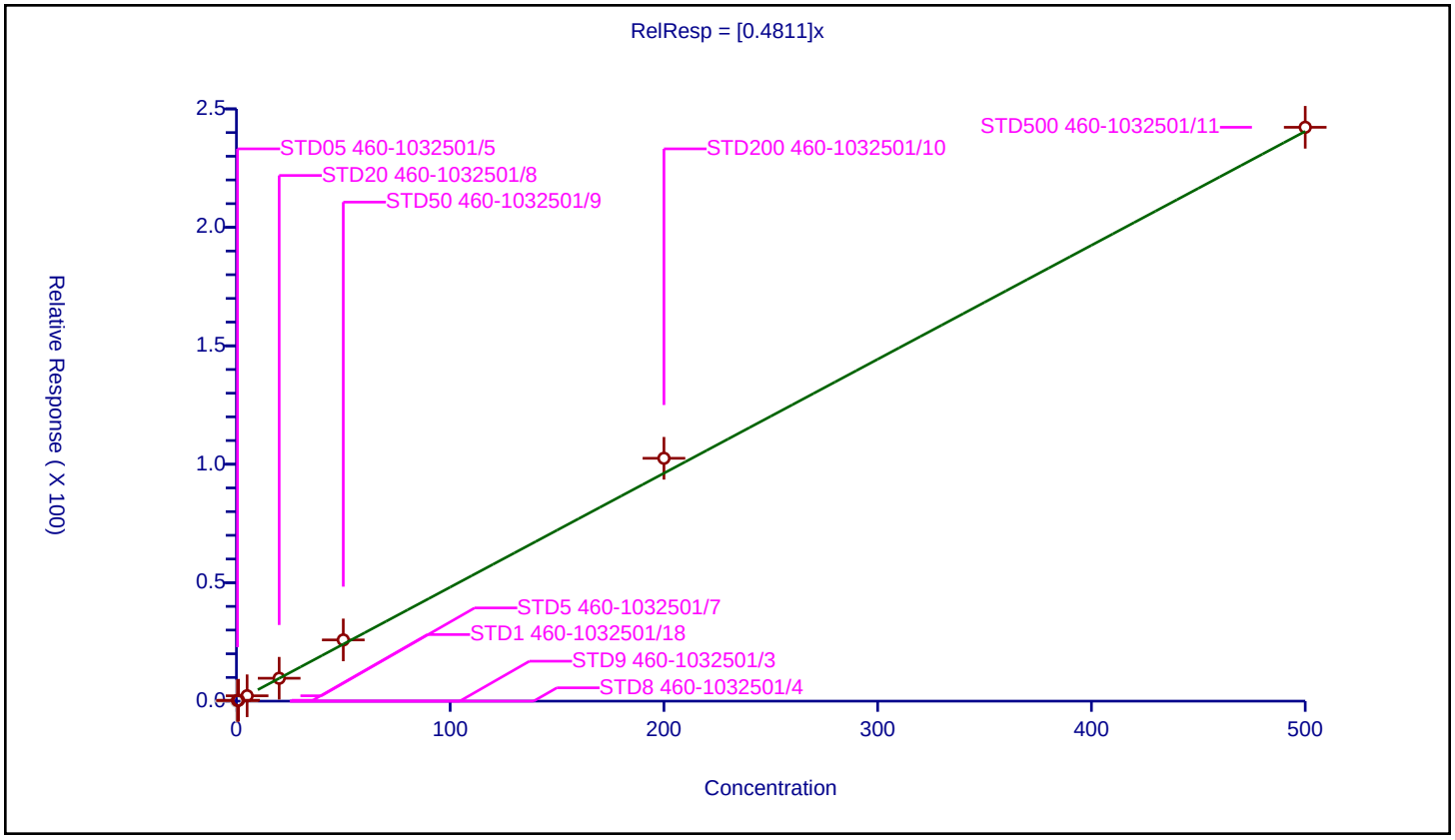
Curve Coefficients

Intercept:	0
Slope:	0.4811

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.27319	50.0	418024.0	0.54638	Y
4	STD1 460-1032501/18	1.0	0.371377	50.0	395824.0	0.371377	Y
5	STD5 460-1032501/7	5.0	2.261732	50.0	415058.0	0.452346	Y
6	STD20 460-1032501/8	20.0	9.668598	50.0	427094.0	0.48343	Y
7	STD50 460-1032501/9	50.0	25.838413	50.0	426729.0	0.516768	Y
8	STD200 460-1032501/10	200.0	102.521329	50.0	447859.0	0.512607	Y
9	STD500 460-1032501/11	500.0	242.232438	50.0	466620.0	0.484465	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

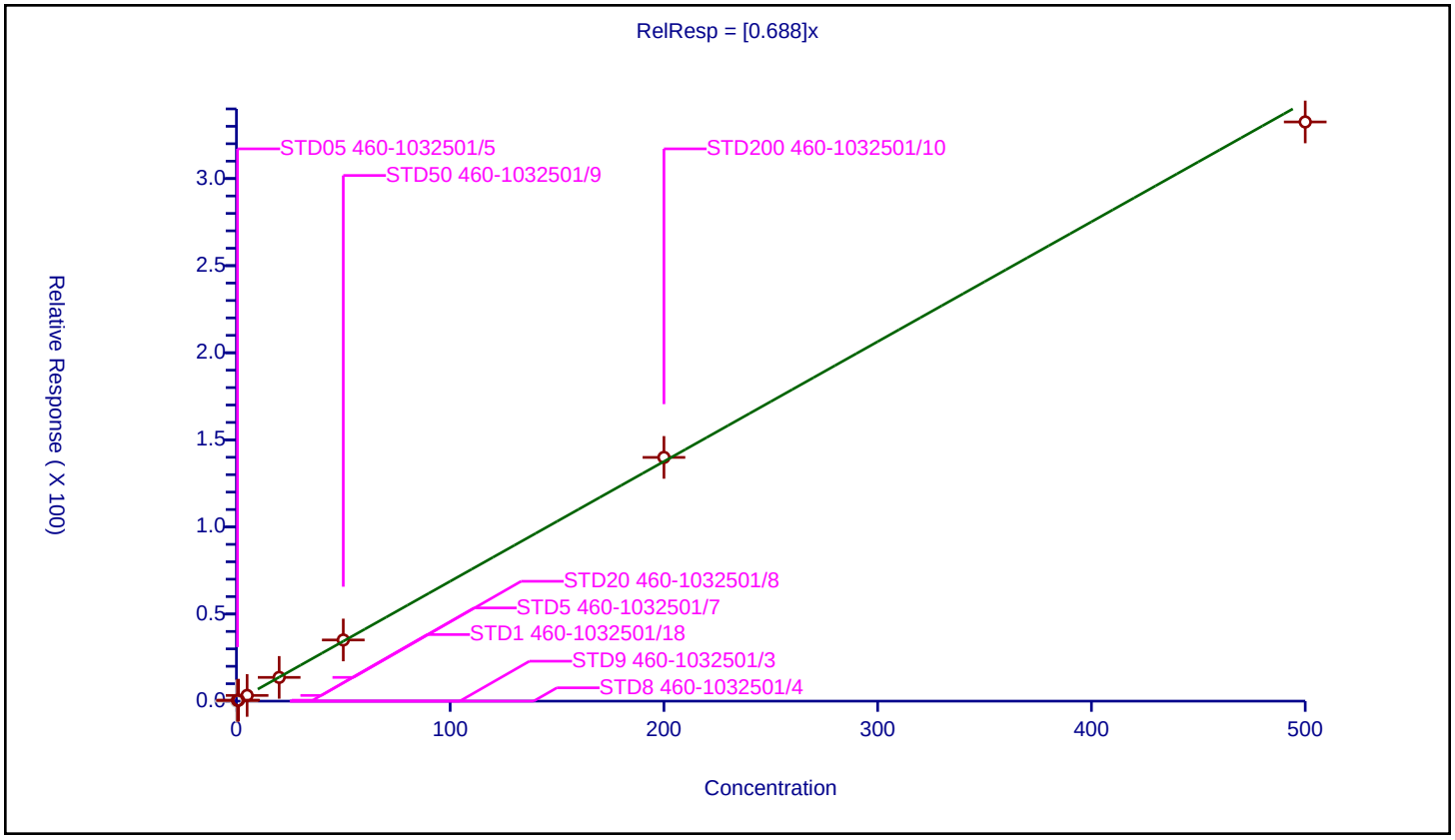
Curve Coefficients

Intercept:	0
Slope:	0.688

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.433468	50.0	418024.0	0.866936	Y
4	STD1 460-1032501/18	1.0	0.544813	50.0	395824.0	0.544813	Y
5	STD5 460-1032501/7	5.0	3.277253	50.0	415058.0	0.655451	Y
6	STD20 460-1032501/8	20.0	13.633533	50.0	427094.0	0.681677	Y
7	STD50 460-1032501/9	50.0	35.115964	50.0	426729.0	0.702319	Y
8	STD200 460-1032501/10	200.0	139.925401	50.0	447859.0	0.699627	Y
9	STD500 460-1032501/11	500.0	332.513823	50.0	466620.0	0.665028	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

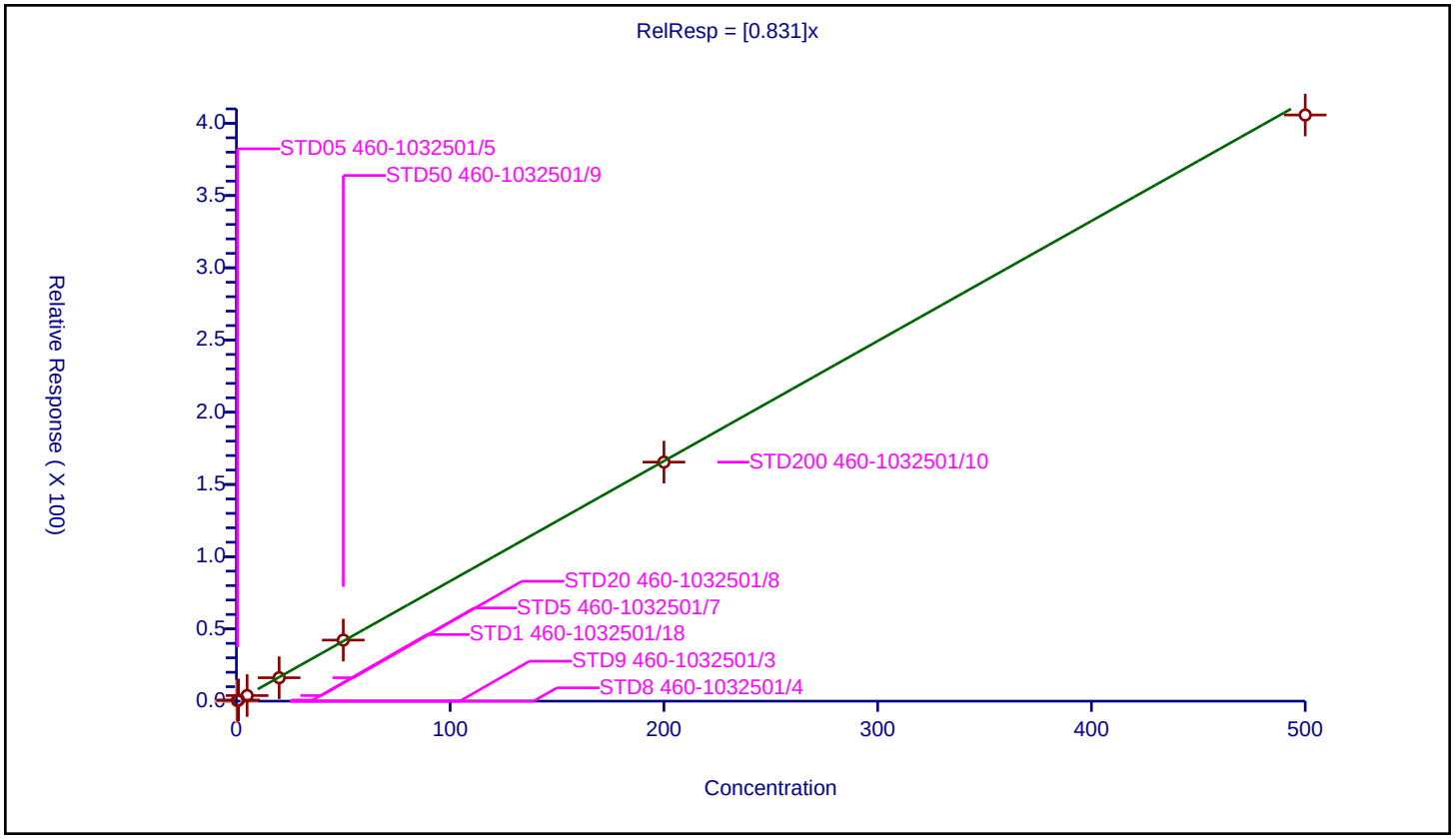
Curve Coefficients

Intercept:	0
Slope:	0.831

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.487053	50.0	418024.0	0.974107	Y
4	STD1 460-1032501/18	1.0	0.776987	50.0	395824.0	0.776987	Y
5	STD5 460-1032501/7	5.0	3.860183	50.0	415058.0	0.772037	Y
6	STD20 460-1032501/8	20.0	16.195498	50.0	427094.0	0.809775	Y
7	STD50 460-1032501/9	50.0	42.271676	50.0	426729.0	0.845434	Y
8	STD200 460-1032501/10	200.0	165.475965	50.0	447859.0	0.82738	Y
9	STD500 460-1032501/11	500.0	405.780614	50.0	466620.0	0.811561	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

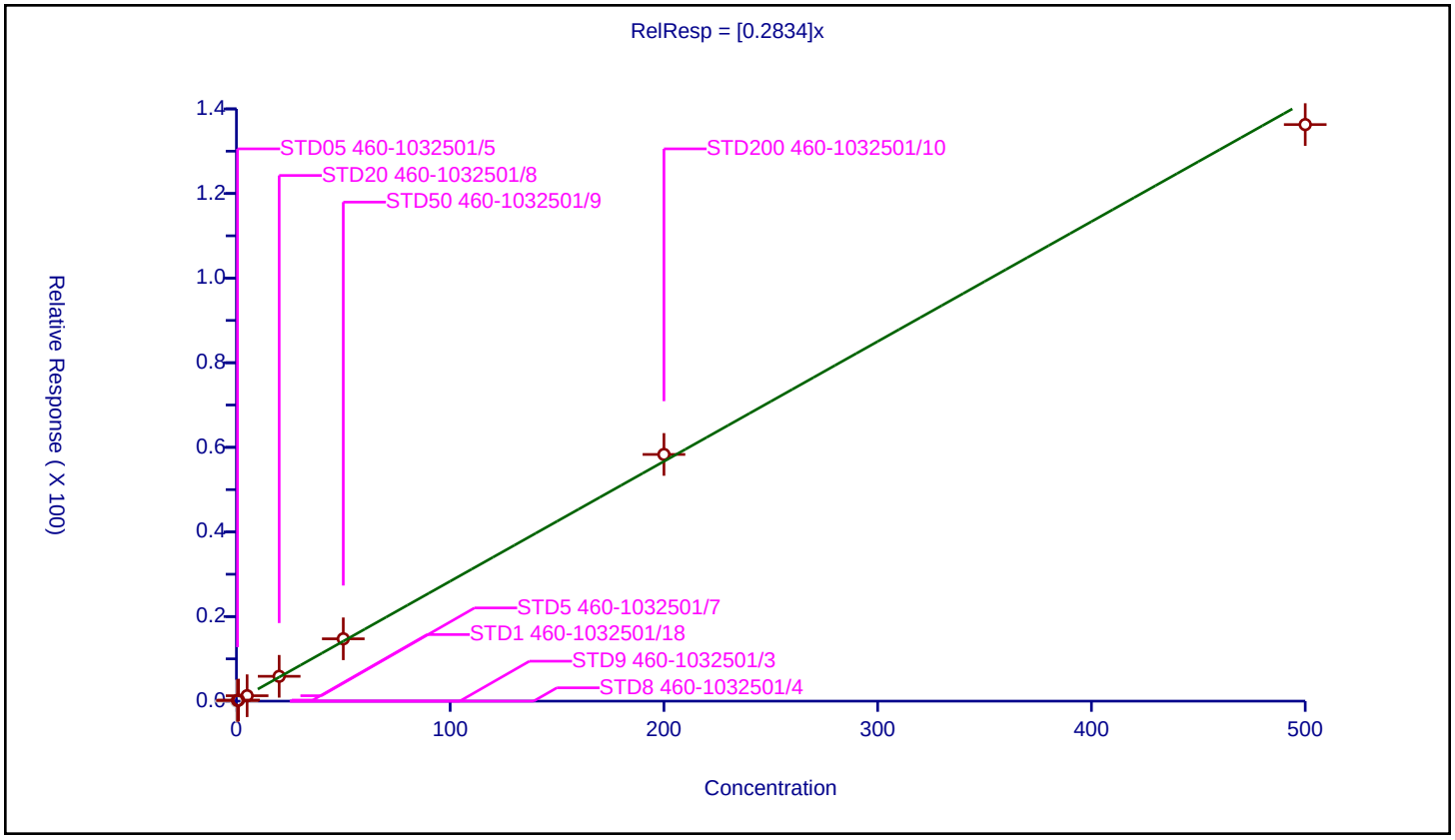
Curve Coefficients

Intercept:	0
Slope:	0.2834

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.163268	50.0	418024.0	0.326536	Y
4	STD1 460-1032501/18	1.0	0.248469	50.0	395824.0	0.248469	Y
5	STD5 460-1032501/7	5.0	1.28199	50.0	415058.0	0.256398	Y
6	STD20 460-1032501/8	20.0	5.872361	50.0	427094.0	0.293618	Y
7	STD50 460-1032501/9	50.0	14.733473	50.0	426729.0	0.294669	Y
8	STD200 460-1032501/10	200.0	58.316792	50.0	447859.0	0.291584	Y
9	STD500 460-1032501/11	500.0	136.292594	50.0	466620.0	0.272585	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

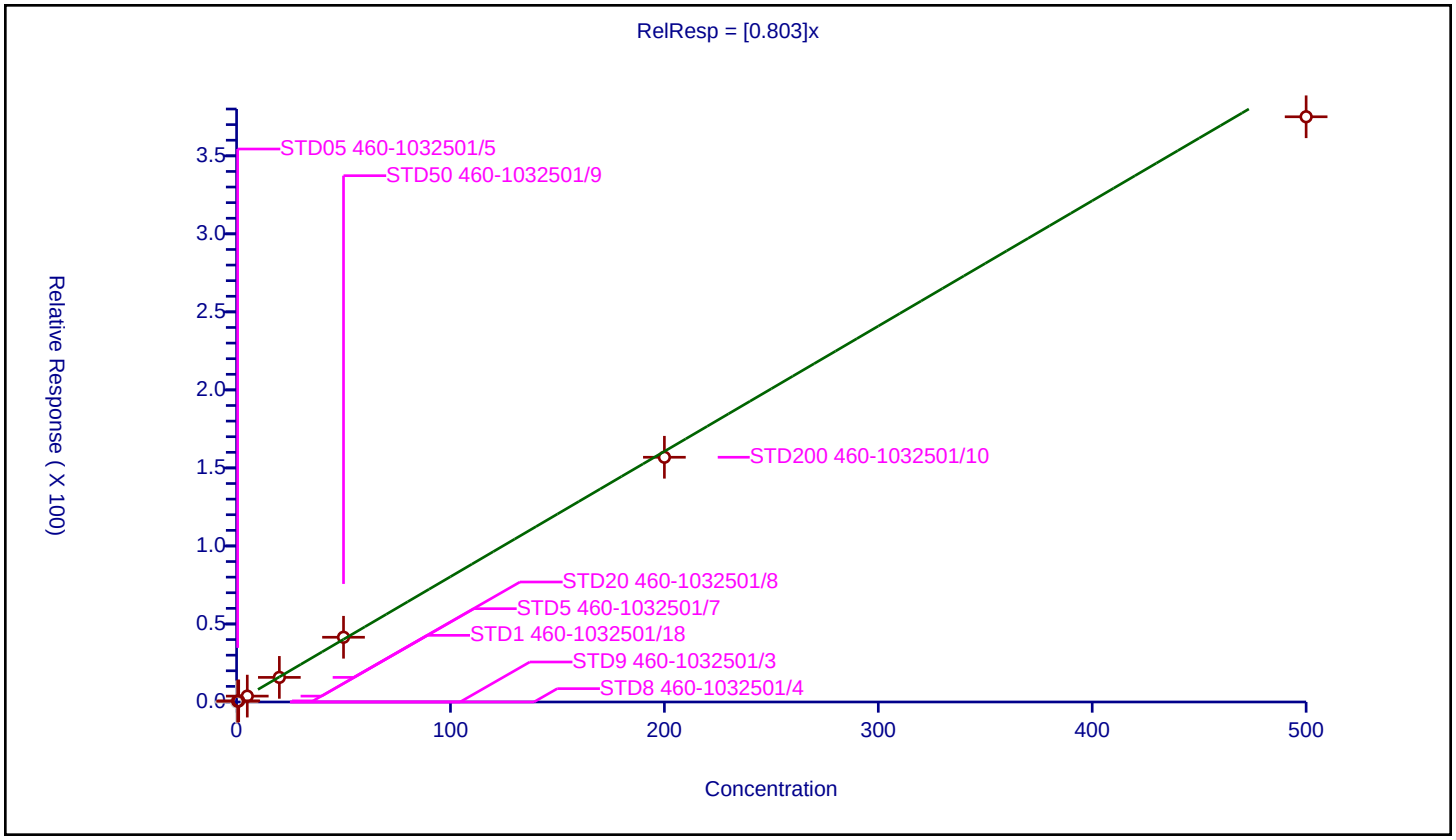
Curve Coefficients

Intercept:	0
Slope:	0.803

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.503679	50.0	418024.0	1.007358	Y
4	STD1 460-1032501/18	1.0	0.706627	50.0	395824.0	0.706627	Y
5	STD5 460-1032501/7	5.0	3.775858	50.0	415058.0	0.755172	Y
6	STD20 460-1032501/8	20.0	15.760114	50.0	427094.0	0.788006	Y
7	STD50 460-1032501/9	50.0	41.478315	50.0	426729.0	0.829566	Y
8	STD200 460-1032501/10	200.0	156.835075	50.0	447859.0	0.784175	Y
9	STD500 460-1032501/11	500.0	375.032682	50.0	466620.0	0.750065	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

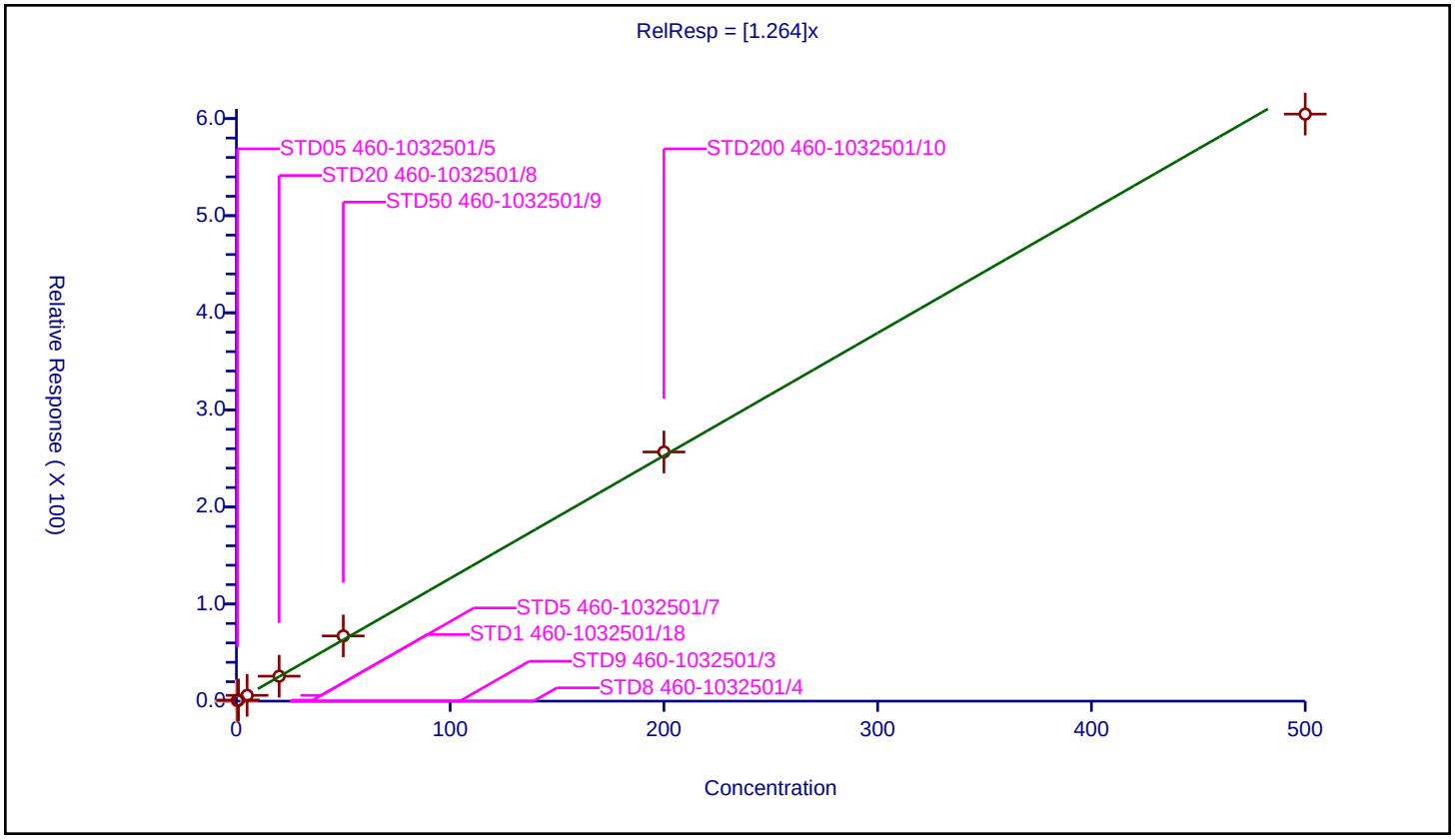
Curve Coefficients

Intercept:	0
Slope:	1.264

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.71539	50.0	418024.0	1.430779	Y
4	STD1 460-1032501/18	1.0	1.103142	50.0	395824.0	1.103142	Y
5	STD5 460-1032501/7	5.0	5.965311	50.0	415058.0	1.193062	Y
6	STD20 460-1032501/8	20.0	25.721036	50.0	427094.0	1.286052	Y
7	STD50 460-1032501/9	50.0	67.159368	50.0	426729.0	1.343187	Y
8	STD200 460-1032501/10	200.0	256.627309	50.0	447859.0	1.283137	Y
9	STD500 460-1032501/11	500.0	604.639643	50.0	466620.0	1.209279	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

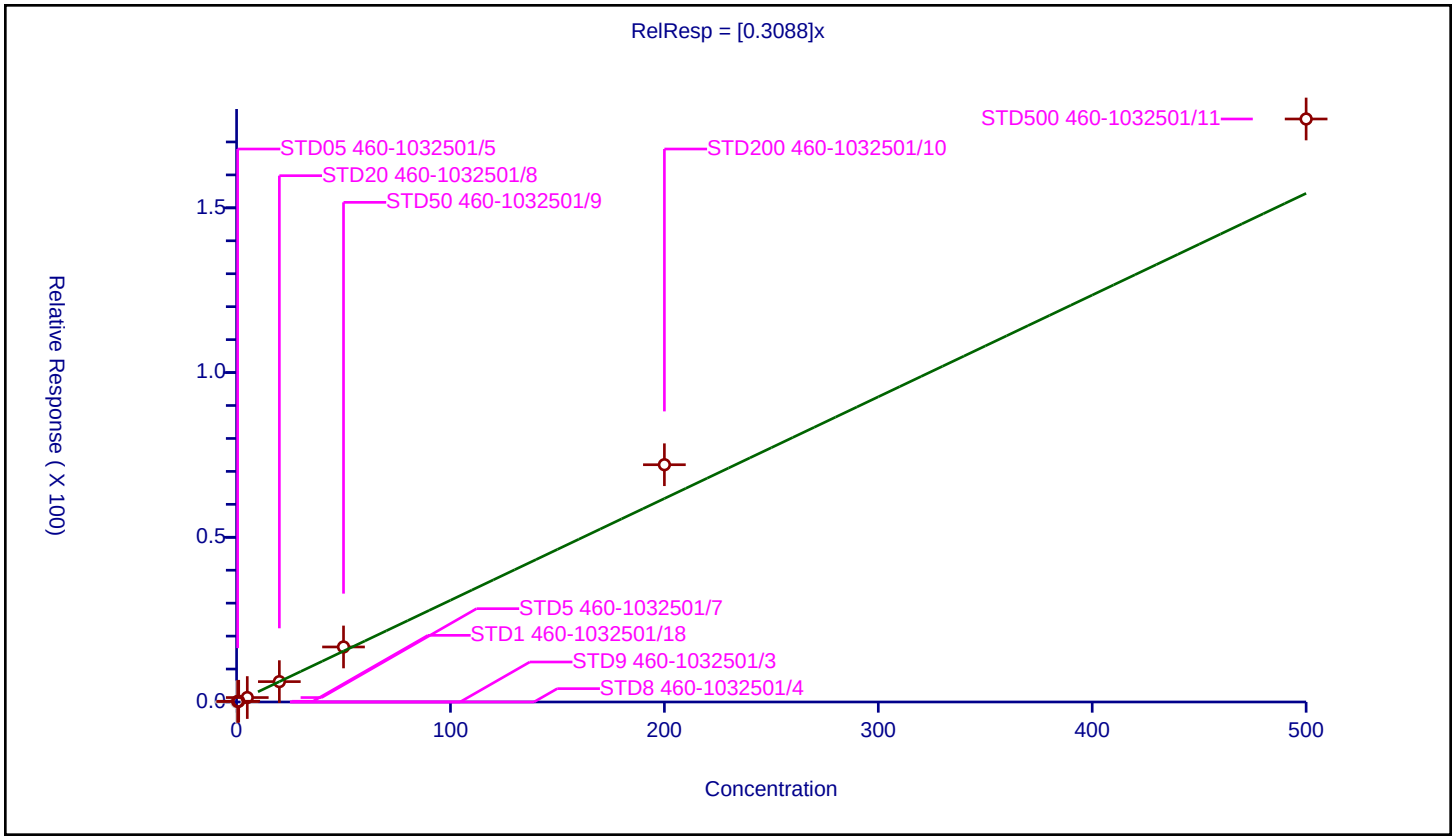
Curve Coefficients

Intercept:	0
Slope:	0.3088

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.154895	50.0	418024.0	0.309791	Y
4	STD1 460-1032501/18	1.0	0.224974	50.0	395824.0	0.224974	Y
5	STD5 460-1032501/7	5.0	1.348727	50.0	415058.0	0.269745	Y
6	STD20 460-1032501/8	20.0	6.178148	50.0	427094.0	0.308907	Y
7	STD50 460-1032501/9	50.0	16.703458	50.0	426729.0	0.334069	Y
8	STD200 460-1032501/10	200.0	72.021216	50.0	447859.0	0.360106	Y
9	STD500 460-1032501/11	500.0	176.976233	50.0	466620.0	0.353952	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

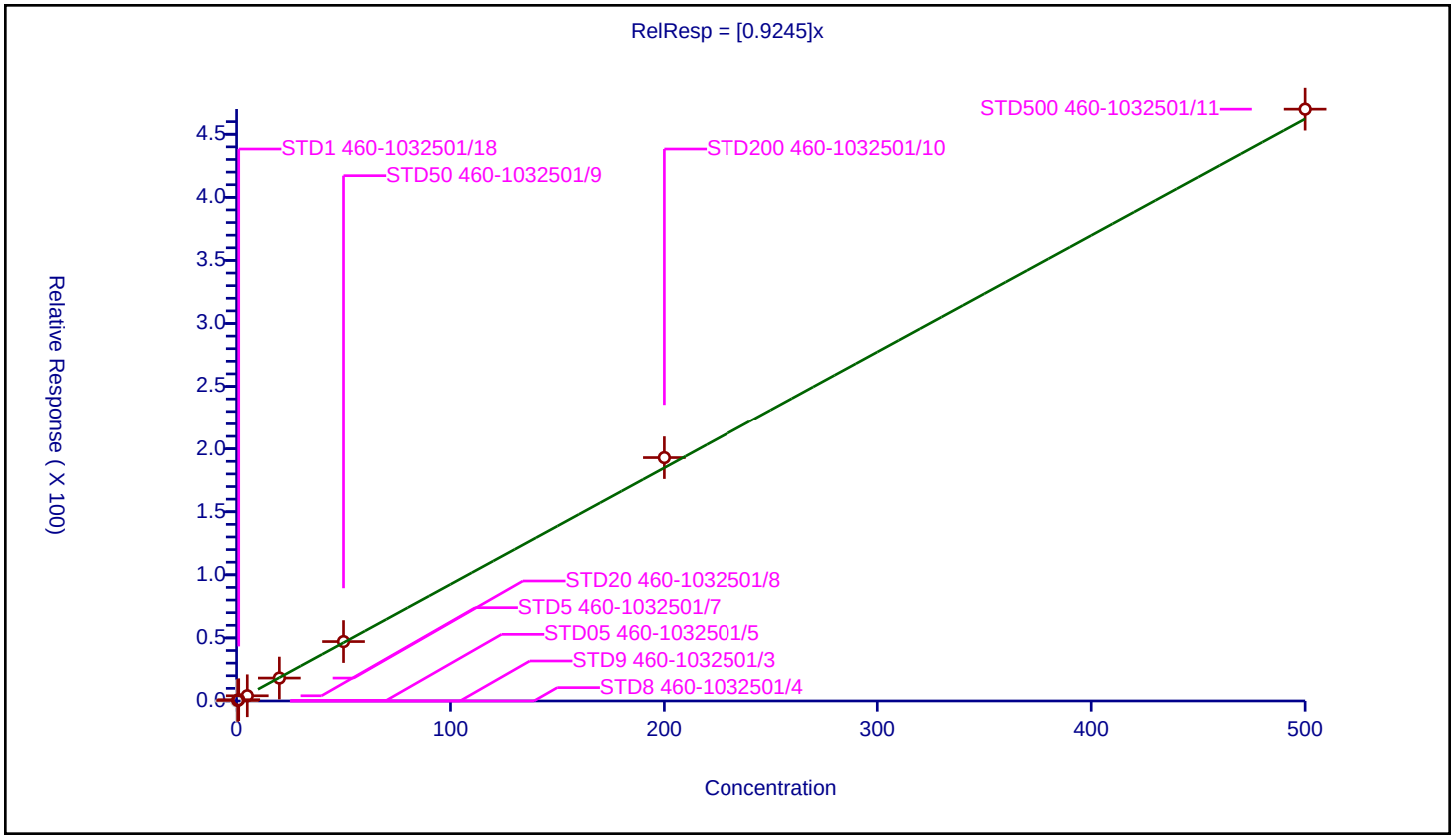
Curve Coefficients

Intercept:	0
Slope:	0.9245

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.440022	50.0	251010.0	0.880045	Y
4	STD1 460-1032501/18	1.0	1.009199	50.0	238952.0	1.009199	Y
5	STD5 460-1032501/7	5.0	4.133274	50.0	249802.0	0.826655	Y
6	STD20 460-1032501/8	20.0	18.171606	50.0	248371.0	0.90858	Y
7	STD50 460-1032501/9	50.0	47.103851	50.0	250108.0	0.942077	Y
8	STD200 460-1032501/10	200.0	192.973024	50.0	258084.0	0.964865	Y
9	STD500 460-1032501/11	500.0	469.884897	50.0	263069.0	0.93977	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

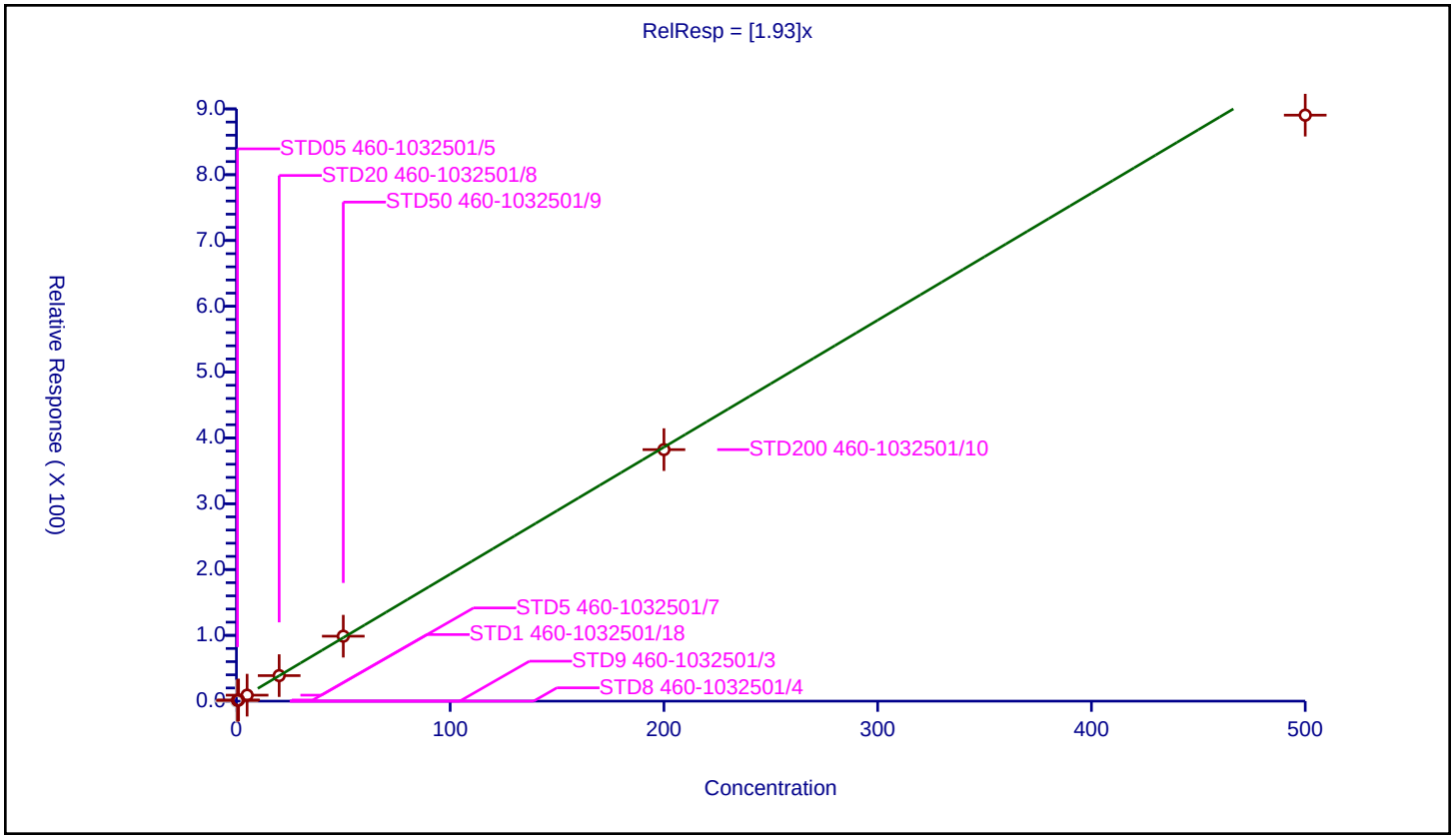
Curve Coefficients

Intercept:	0
Slope:	1.93

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	1.189047	50.0	418024.0	2.378093	Y
4	STD1 460-1032501/18	1.0	1.710103	50.0	395824.0	1.710103	Y
5	STD5 460-1032501/7	5.0	9.07054	50.0	415058.0	1.814108	Y
6	STD20 460-1032501/8	20.0	38.792631	50.0	427094.0	1.939632	Y
7	STD50 460-1032501/9	50.0	98.698237	50.0	426729.0	1.973965	Y
8	STD200 460-1032501/10	200.0	382.198638	50.0	447859.0	1.910993	Y
9	STD500 460-1032501/11	500.0	890.495264	50.0	466620.0	1.780991	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

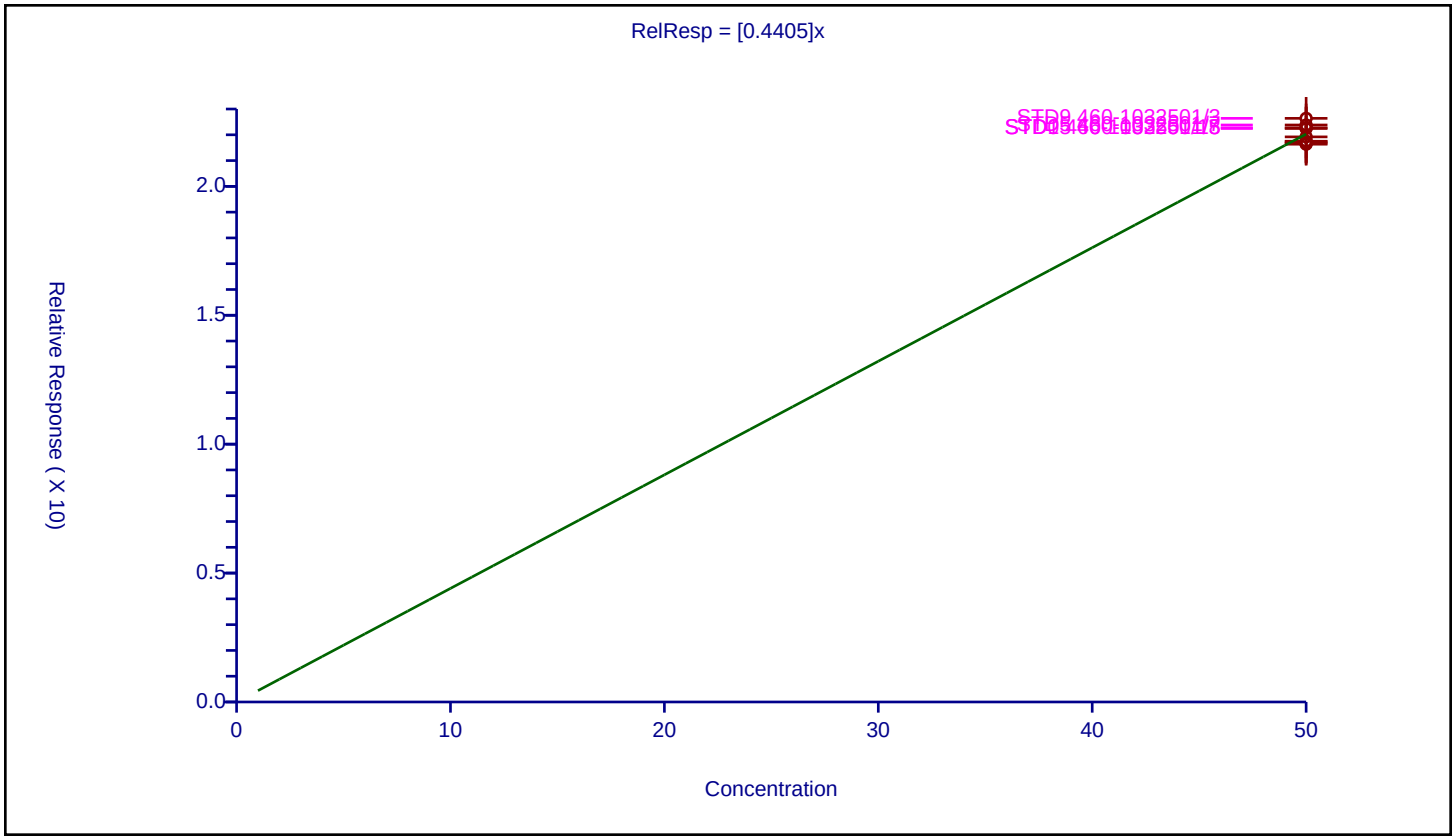
Curve Coefficients

Intercept:	0
Slope:	0.4405

Error Coefficients

Relative Standard Deviation:	1.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	50.0	22.637741	50.0	417122.0	0.452755	Y
2	STD8 460-1032501/4	50.0	21.919503	50.0	436837.0	0.43839	Y
3	STD05 460-1032501/5	50.0	22.244536	50.0	418024.0	0.444891	Y
4	STD5 460-1032501/7	50.0	22.380366	50.0	415058.0	0.447607	Y
5	STD20 460-1032501/8	50.0	21.63505	50.0	427094.0	0.432701	Y
6	STD50 460-1032501/9	50.0	21.66949	50.0	426729.0	0.43339	Y
7	STD200 460-1032501/10	50.0	21.731728	50.0	447859.0	0.434635	Y
8	STD500 460-1032501/11	50.0	21.750354	50.0	466620.0	0.435007	Y
9	STD1 460-1032501/18	50.0	22.269494	50.0	395824.0	0.44539	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

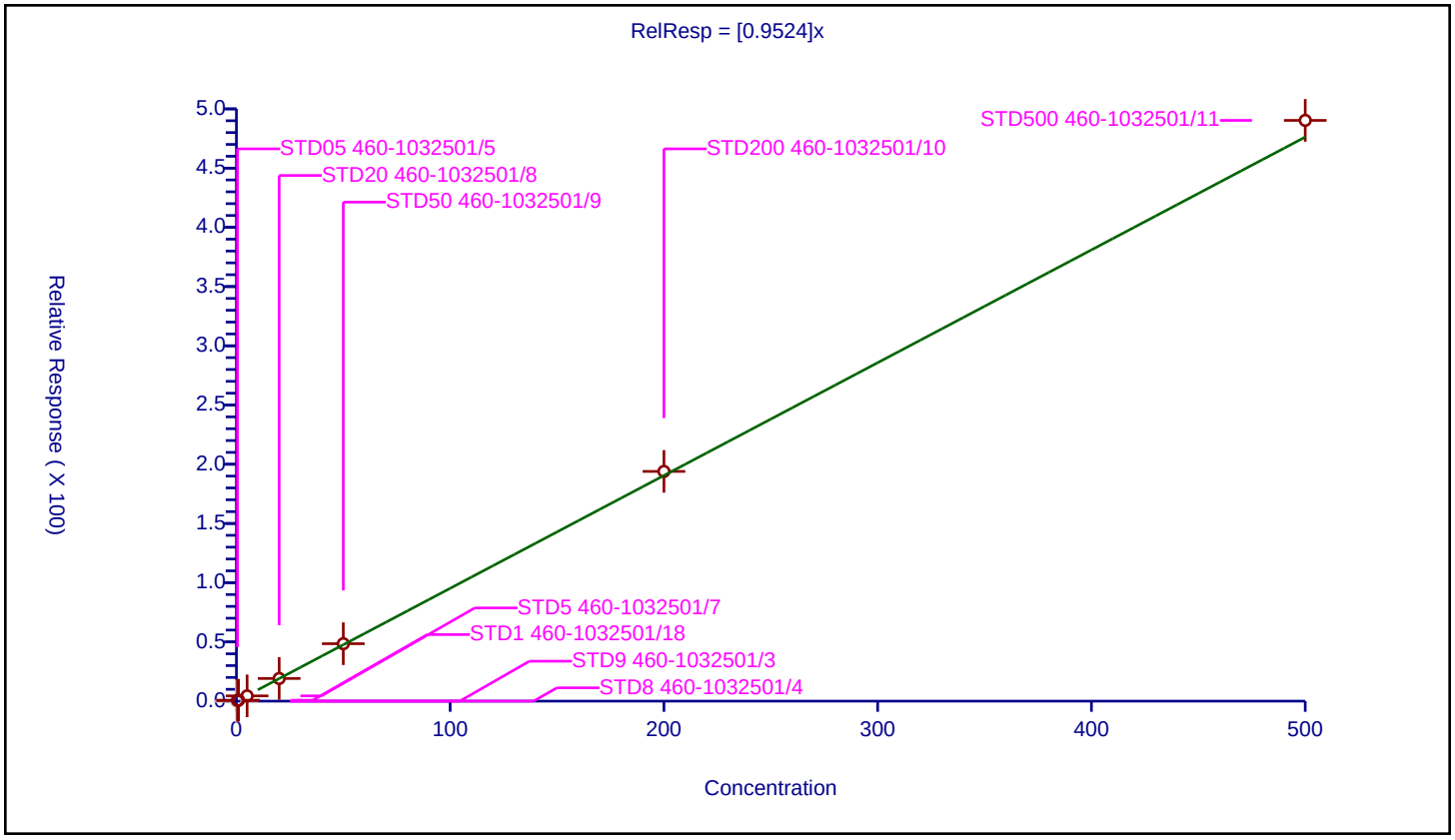
Curve Coefficients

Intercept:	0
Slope:	0.9524

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.552368	50.0	251010.0	1.104737	Y
4	STD1 460-1032501/18	1.0	0.799324	50.0	238952.0	0.799324	Y
5	STD5 460-1032501/7	5.0	4.430709	50.0	249802.0	0.886142	Y
6	STD20 460-1032501/8	20.0	19.134682	50.0	248371.0	0.956734	Y
7	STD50 460-1032501/9	50.0	48.487054	50.0	250108.0	0.969741	Y
8	STD200 460-1032501/10	200.0	193.938214	50.0	258084.0	0.969691	Y
9	STD500 460-1032501/11	500.0	490.291901	50.0	263069.0	0.980584	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

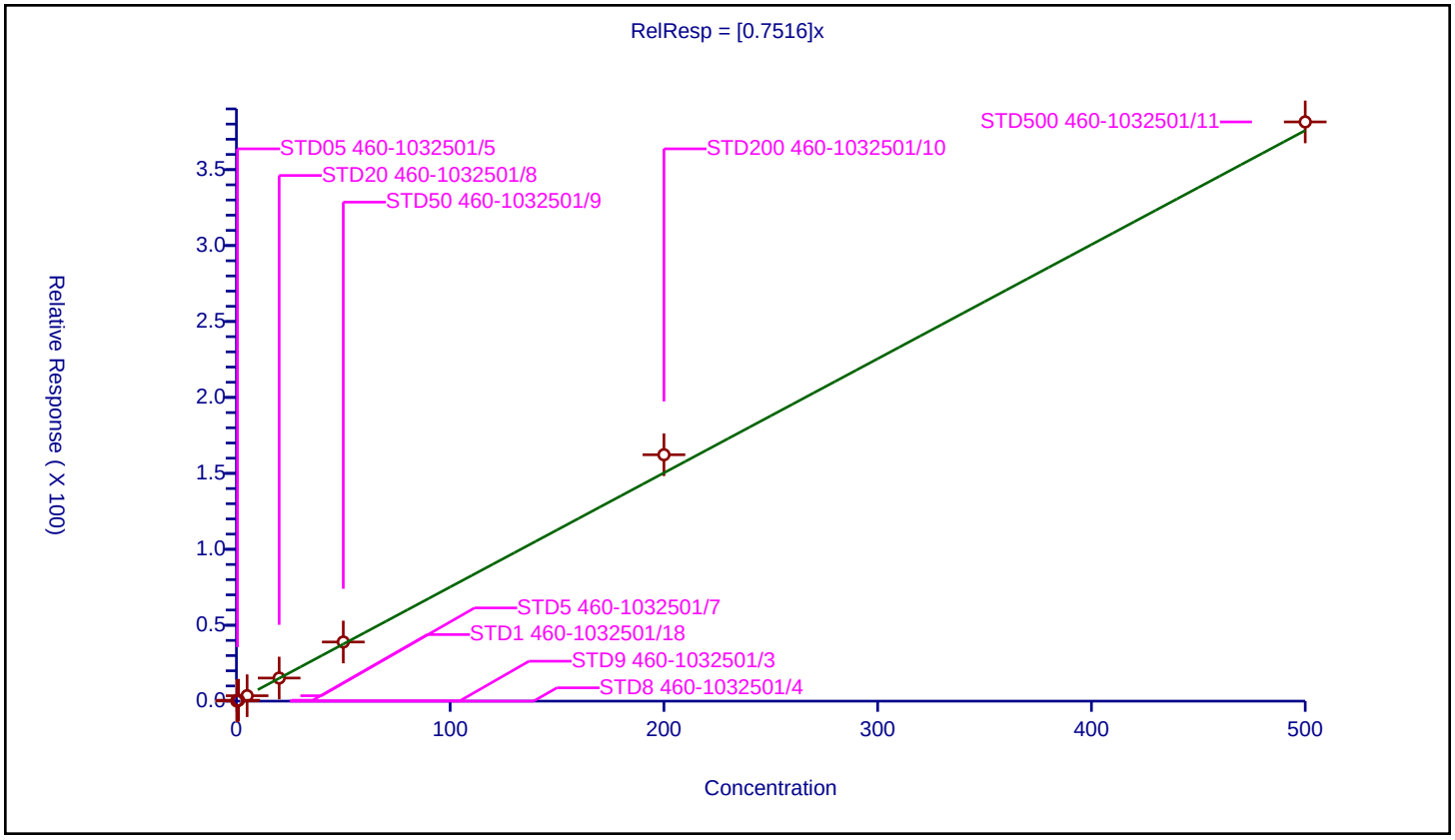
Curve Coefficients

Intercept:	0
Slope:	0.7516

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.14744	50.0	253323.0	0.737201	Y
3	STD05 460-1032501/5	0.5	0.421099	50.0	251010.0	0.842198	Y
4	STD1 460-1032501/18	1.0	0.605352	50.0	238952.0	0.605352	Y
5	STD5 460-1032501/7	5.0	3.569227	50.0	249802.0	0.713845	Y
6	STD20 460-1032501/8	20.0	15.222389	50.0	248371.0	0.761119	Y
7	STD50 460-1032501/9	50.0	38.945975	50.0	250108.0	0.77892	Y
8	STD200 460-1032501/10	200.0	162.2526	50.0	258084.0	0.811263	Y
9	STD500 460-1032501/11	500.0	381.415712	50.0	263069.0	0.762831	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

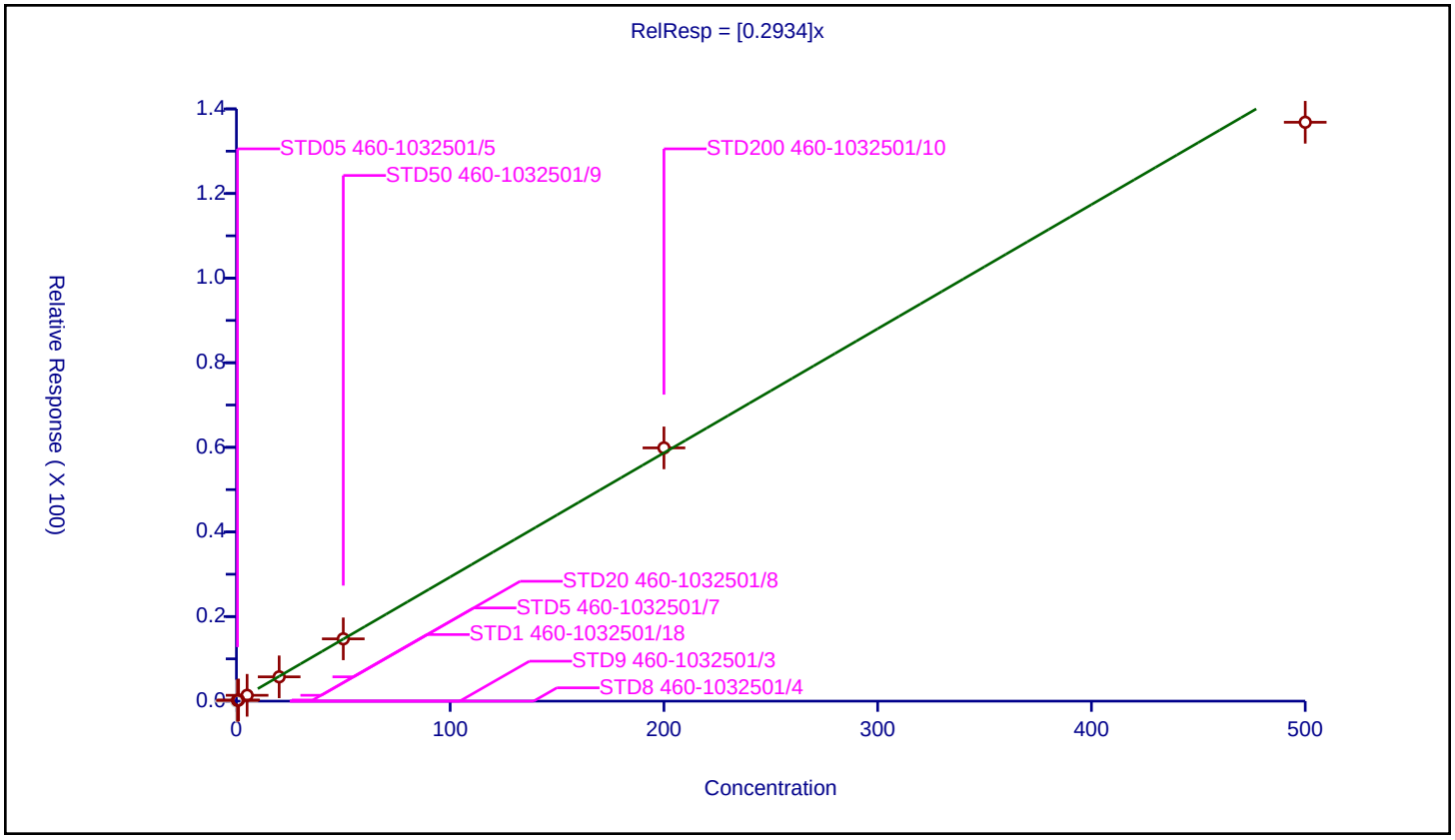
Curve Coefficients

Intercept:	0
Slope:	0.2934

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.179077	50.0	251010.0	0.358153	Y
4	STD1 460-1032501/18	1.0	0.264488	50.0	238952.0	0.264488	Y
5	STD5 460-1032501/7	5.0	1.383696	50.0	249802.0	0.276739	Y
6	STD20 460-1032501/8	20.0	5.744632	50.0	248371.0	0.287232	Y
7	STD50 460-1032501/9	50.0	14.724239	50.0	250108.0	0.294485	Y
8	STD200 460-1032501/10	200.0	59.866749	50.0	258084.0	0.299334	Y
9	STD500 460-1032501/11	500.0	136.840525	50.0	263069.0	0.273681	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

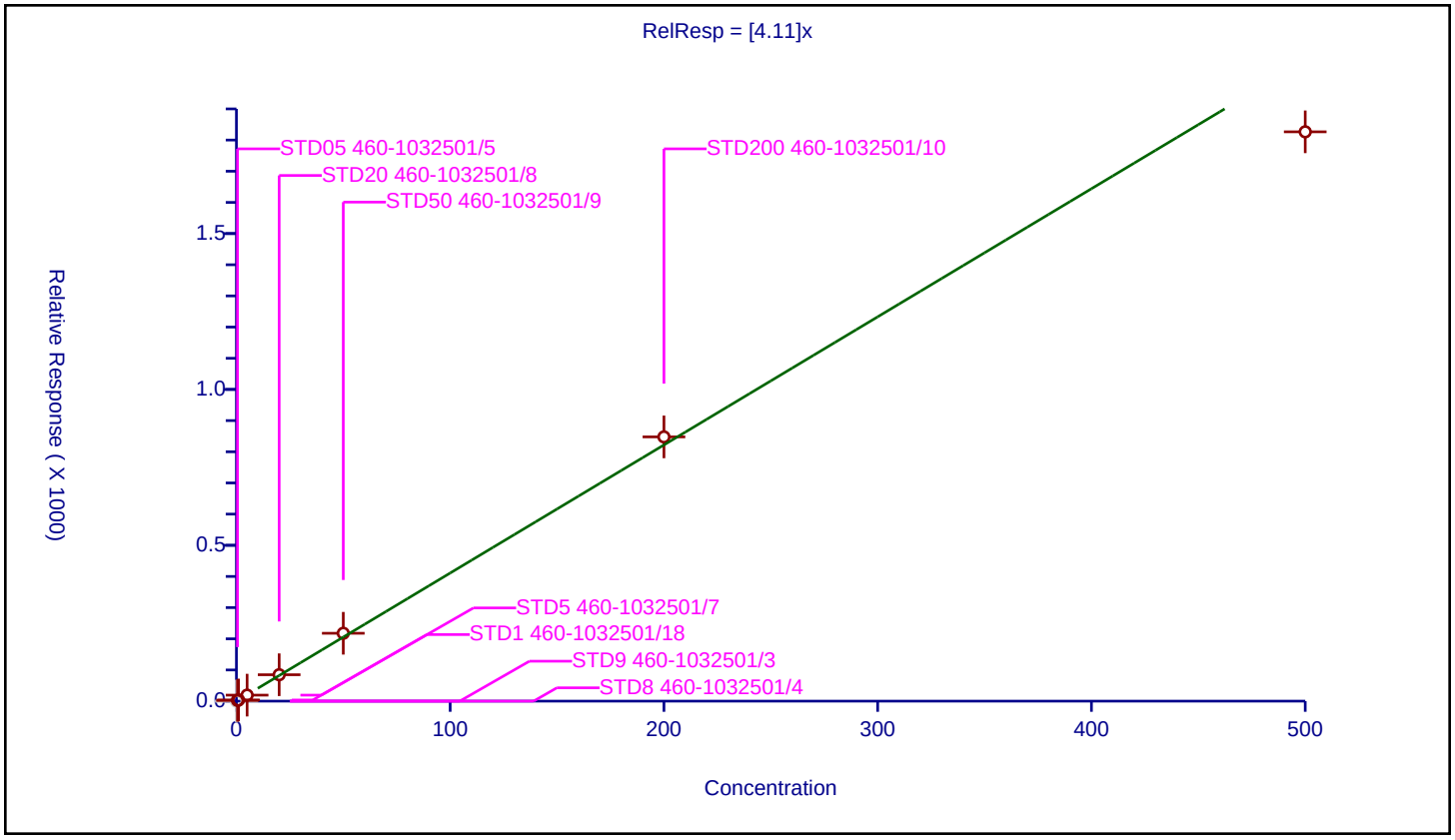
Curve Coefficients

Intercept:	0
Slope:	4.11

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	2.415242	50.0	251010.0	4.830485	Y
4	STD1 460-1032501/18	1.0	3.596957	50.0	238952.0	3.596957	Y
5	STD5 460-1032501/7	5.0	19.293681	50.0	249802.0	3.858736	Y
6	STD20 460-1032501/8	20.0	84.737349	50.0	248371.0	4.236867	Y
7	STD50 460-1032501/9	50.0	217.714347	50.0	250108.0	4.354287	Y
8	STD200 460-1032501/10	200.0	847.737171	50.0	258084.0	4.238686	Y
9	STD500 460-1032501/11	500.0	1826.456747	50.0	263069.0	3.652913	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

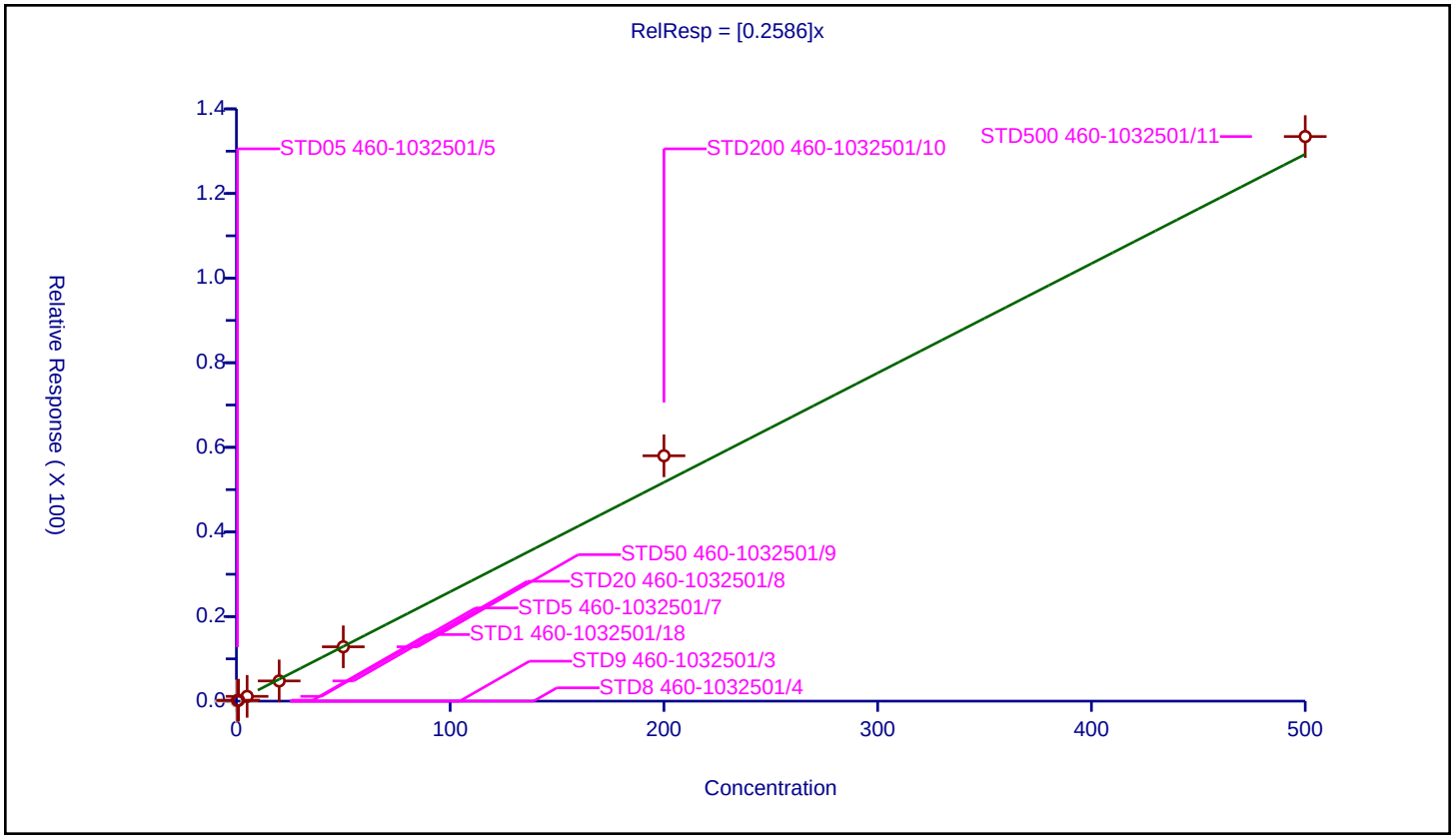
Curve Coefficients

Intercept:	0
Slope:	0.2586

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.15338	50.0	251010.0	0.306761	Y
4	STD1 460-1032501/18	1.0	0.224731	50.0	238952.0	0.224731	Y
5	STD5 460-1032501/7	5.0	1.130896	50.0	249802.0	0.226179	Y
6	STD20 460-1032501/8	20.0	4.772296	50.0	248371.0	0.238615	Y
7	STD50 460-1032501/9	50.0	12.844251	50.0	250108.0	0.256885	Y
8	STD200 460-1032501/10	200.0	57.999915	50.0	258084.0	0.29	Y
9	STD500 460-1032501/11	500.0	133.461943	50.0	263069.0	0.266924	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

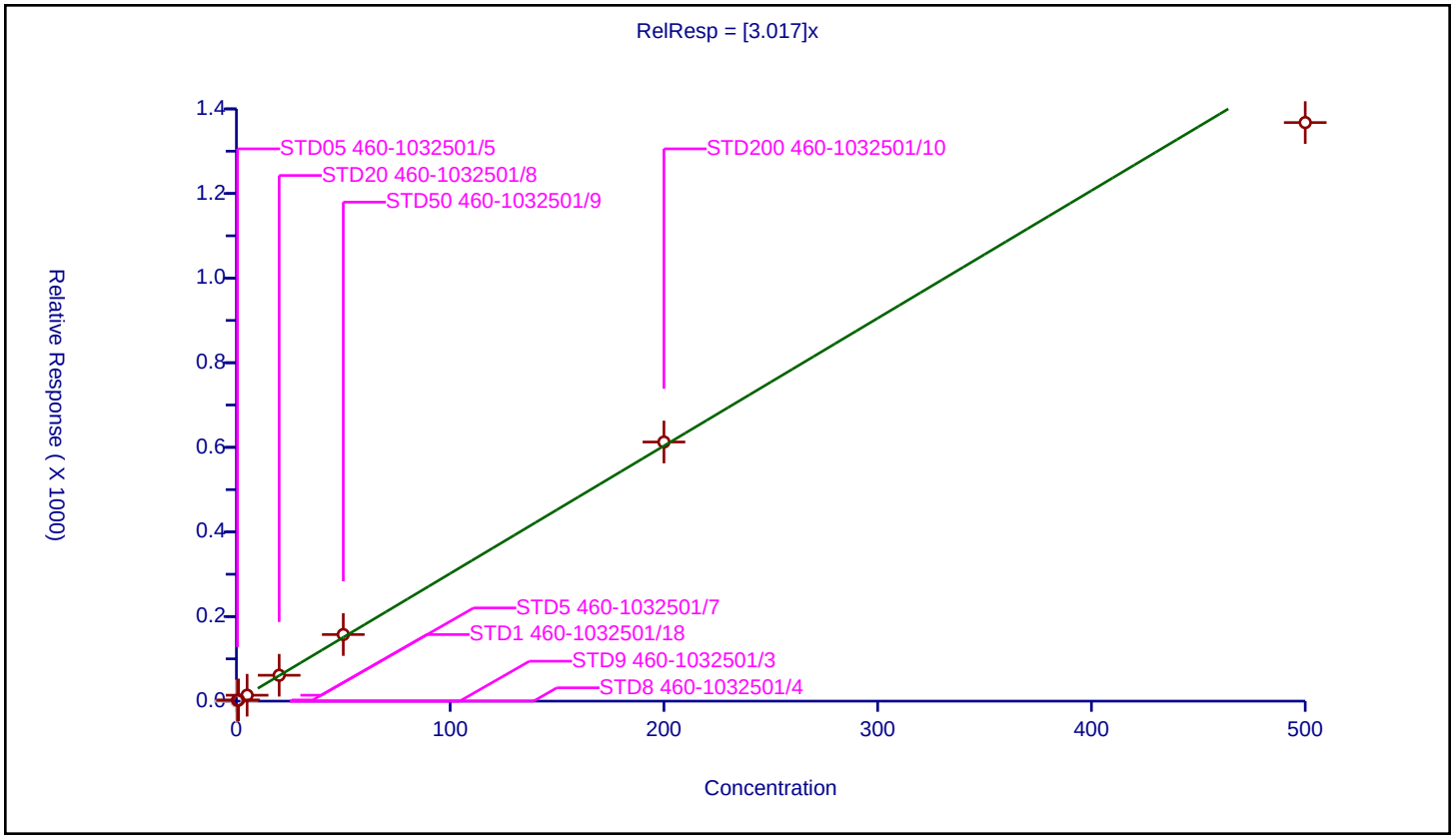
Curve Coefficients

Intercept:	0
Slope:	3.017

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.778415	50.0	251010.0	3.55683	Y
4	STD1 460-1032501/18	1.0	2.752226	50.0	238952.0	2.752226	Y
5	STD5 460-1032501/7	5.0	14.032113	50.0	249802.0	2.806423	Y
6	STD20 460-1032501/8	20.0	61.14643	50.0	248371.0	3.057322	Y
7	STD50 460-1032501/9	50.0	157.450581	50.0	250108.0	3.149012	Y
8	STD200 460-1032501/10	200.0	612.567032	50.0	258084.0	3.062835	Y
9	STD500 460-1032501/11	500.0	1367.720826	50.0	263069.0	2.735442	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

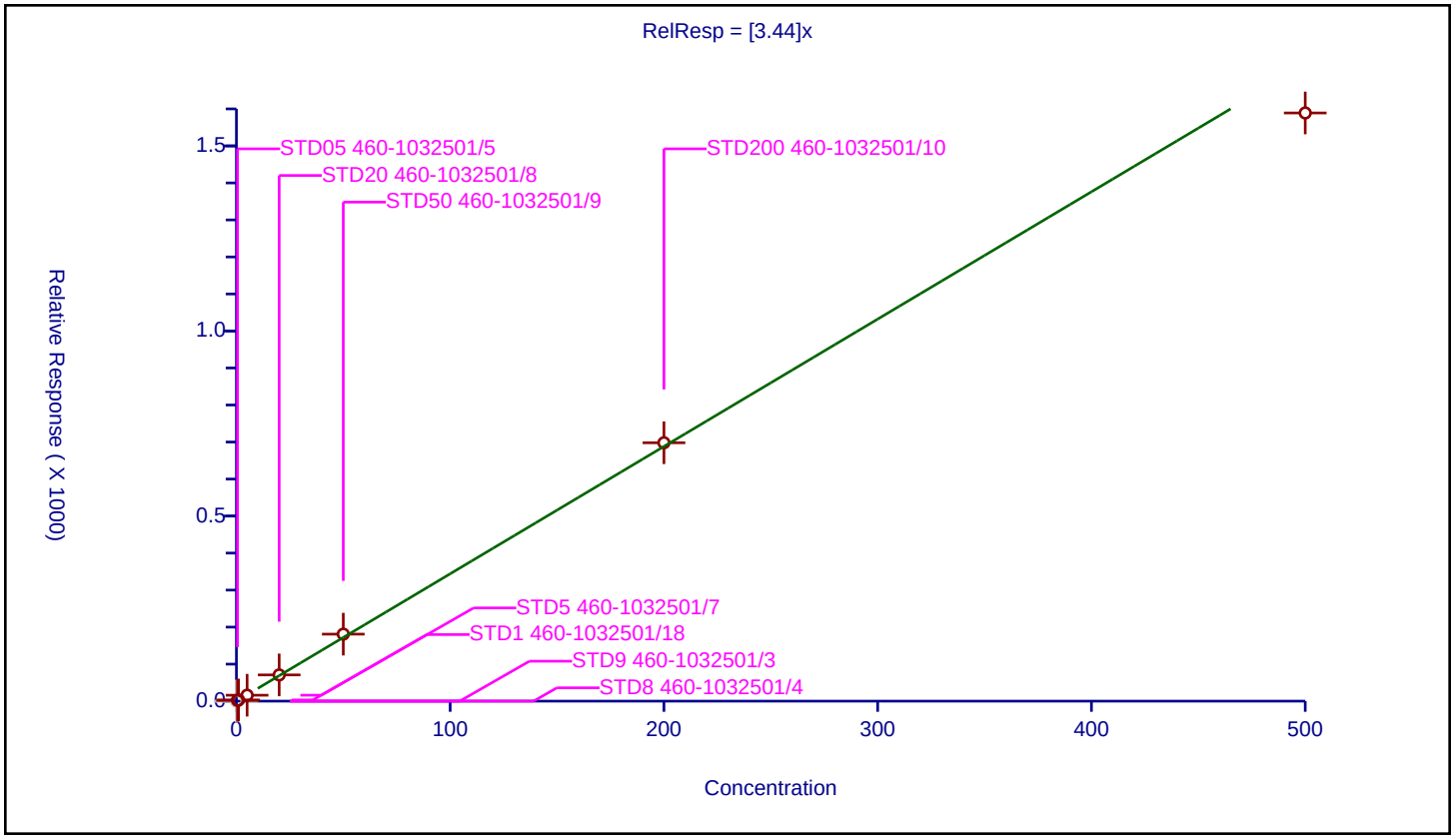
Curve Coefficients

Intercept:	0
Slope:	3.44

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.94813	50.0	251010.0	3.896259	Y
4	STD1 460-1032501/18	1.0	3.14875	50.0	238952.0	3.14875	Y
5	STD5 460-1032501/7	5.0	16.029896	50.0	249802.0	3.205979	Y
6	STD20 460-1032501/8	20.0	70.834961	50.0	248371.0	3.541748	Y
7	STD50 460-1032501/9	50.0	181.015002	50.0	250108.0	3.6203	Y
8	STD200 460-1032501/10	200.0	698.023512	50.0	258084.0	3.490118	Y
9	STD500 460-1032501/11	500.0	1588.991481	50.0	263069.0	3.177983	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

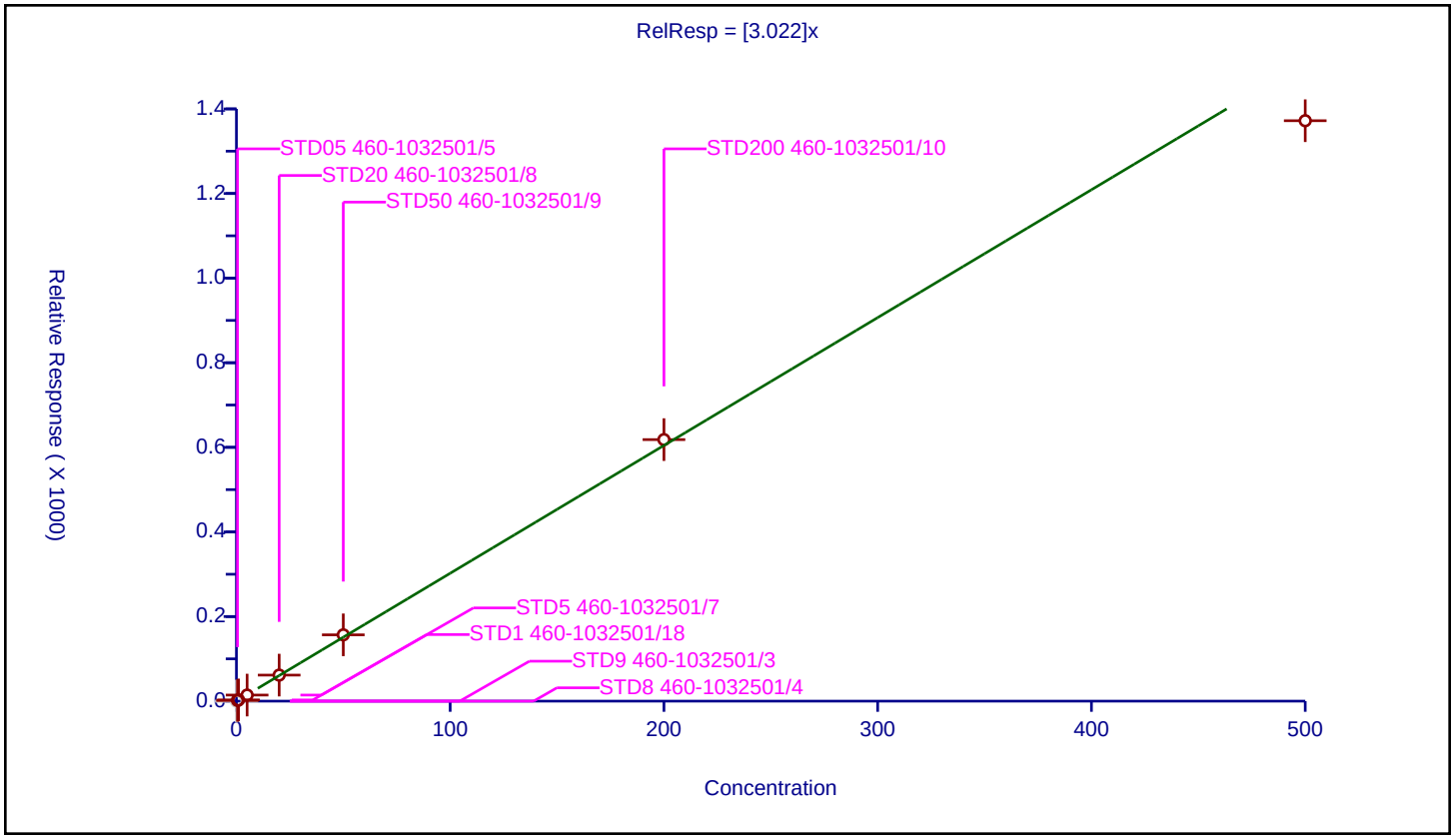
Curve Coefficients

Intercept:	0
Slope:	3.022

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.704713	50.0	251010.0	3.409426	Y
4	STD1 460-1032501/18	1.0	2.827346	50.0	238952.0	2.827346	Y
5	STD5 460-1032501/7	5.0	14.354769	50.0	249802.0	2.870954	Y
6	STD20 460-1032501/8	20.0	61.553885	50.0	248371.0	3.077694	Y
7	STD50 460-1032501/9	50.0	156.709102	50.0	250108.0	3.134182	Y
8	STD200 460-1032501/10	200.0	618.242898	50.0	258084.0	3.091214	Y
9	STD500 460-1032501/11	500.0	1372.034143	50.0	263069.0	2.744068	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

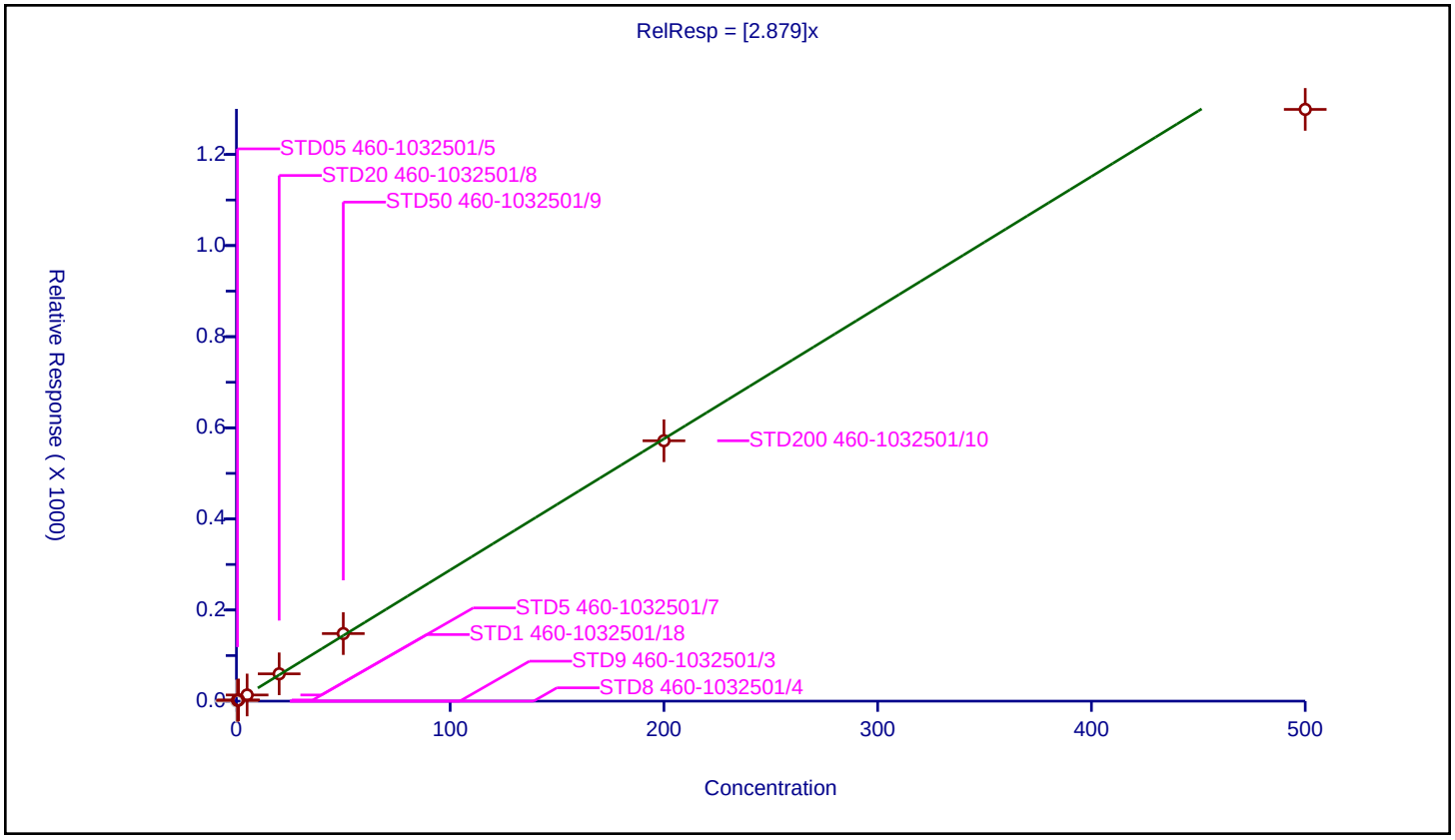
Curve Coefficients

Intercept:	0
Slope:	2.879

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.744552	50.0	251010.0	3.489104	Y
4	STD1 460-1032501/18	1.0	2.538585	50.0	238952.0	2.538585	Y
5	STD5 460-1032501/7	5.0	13.532518	50.0	249802.0	2.706504	Y
6	STD20 460-1032501/8	20.0	59.927689	50.0	248371.0	2.996384	Y
7	STD50 460-1032501/9	50.0	148.31053	50.0	250108.0	2.966211	Y
8	STD200 460-1032501/10	200.0	571.581346	50.0	258084.0	2.857907	Y
9	STD500 460-1032501/11	500.0	1298.892496	50.0	263069.0	2.597785	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

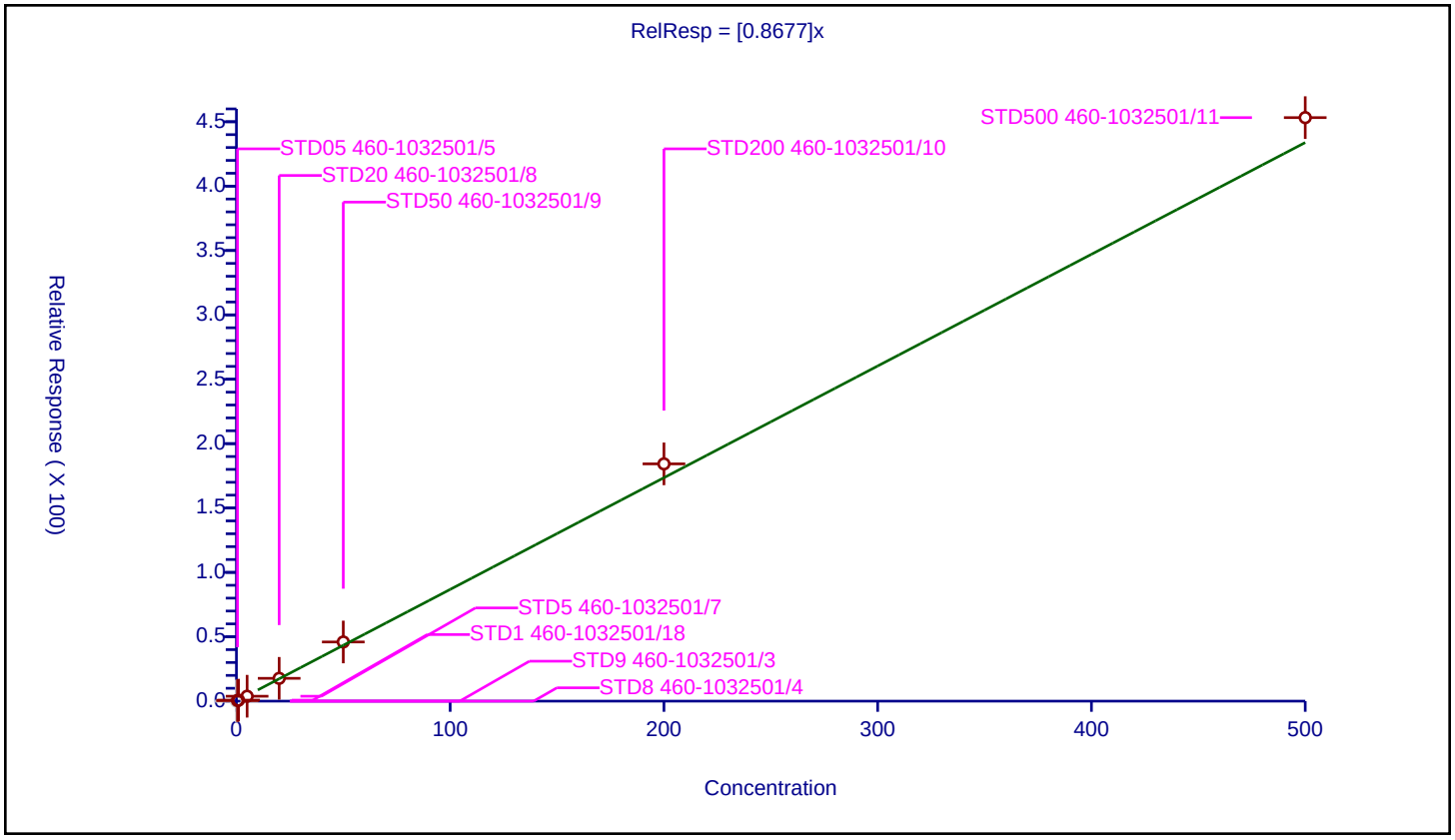
Curve Coefficients

Intercept:	0
Slope:	0.8677

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.456356	50.0	251010.0	0.912713	Y
4	STD1 460-1032501/18	1.0	0.765216	50.0	238952.0	0.765216	Y
5	STD5 460-1032501/7	5.0	3.812019	50.0	249802.0	0.762404	Y
6	STD20 460-1032501/8	20.0	17.726506	50.0	248371.0	0.886325	Y
7	STD50 460-1032501/9	50.0	45.963944	50.0	250108.0	0.919279	Y
8	STD200 460-1032501/10	200.0	184.290386	50.0	258084.0	0.921452	Y
9	STD500 460-1032501/11	500.0	453.211895	50.0	263069.0	0.906424	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

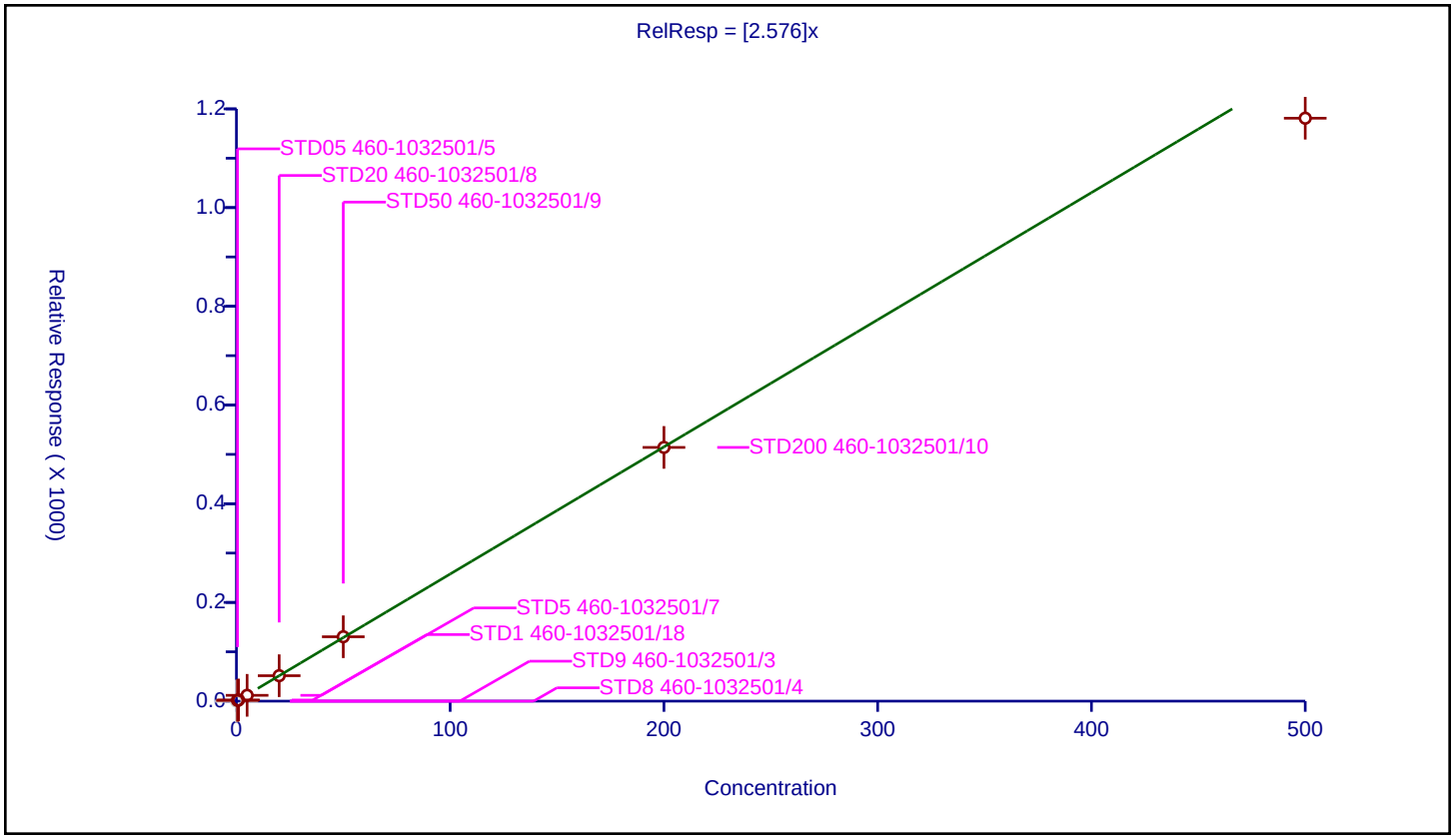
Curve Coefficients

Intercept:	0
Slope:	2.576

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.615274	50.0	251010.0	3.230549	Y
4	STD1 460-1032501/18	1.0	2.319294	50.0	238952.0	2.319294	Y
5	STD5 460-1032501/7	5.0	11.807351	50.0	249802.0	2.36147	Y
6	STD20 460-1032501/8	20.0	51.549295	50.0	248371.0	2.577465	Y
7	STD50 460-1032501/9	50.0	130.455043	50.0	250108.0	2.609101	Y
8	STD200 460-1032501/10	200.0	514.099286	50.0	258084.0	2.570496	Y
9	STD500 460-1032501/11	500.0	1181.122823	50.0	263069.0	2.362246	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

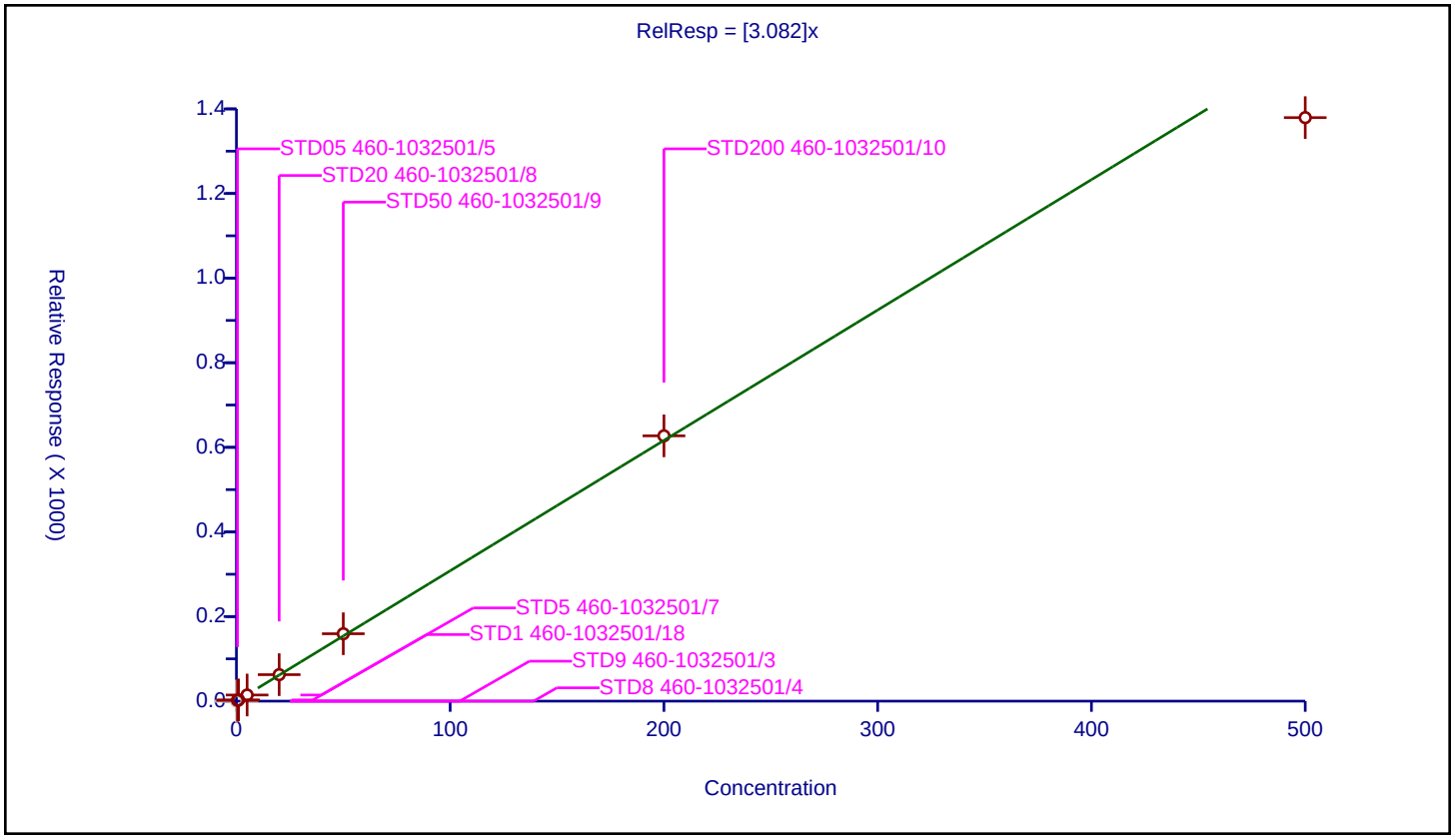
Curve Coefficients

Intercept:	0
Slope:	3.082

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.840963	50.0	251010.0	3.681925	Y
4	STD1 460-1032501/18	1.0	2.774825	50.0	238952.0	2.774825	Y
5	STD5 460-1032501/7	5.0	14.515296	50.0	249802.0	2.903059	Y
6	STD20 460-1032501/8	20.0	62.628689	50.0	248371.0	3.131434	Y
7	STD50 460-1032501/9	50.0	159.344363	50.0	250108.0	3.186887	Y
8	STD200 460-1032501/10	200.0	627.146975	50.0	258084.0	3.135735	Y
9	STD500 460-1032501/11	500.0	1379.317974	50.0	263069.0	2.758636	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

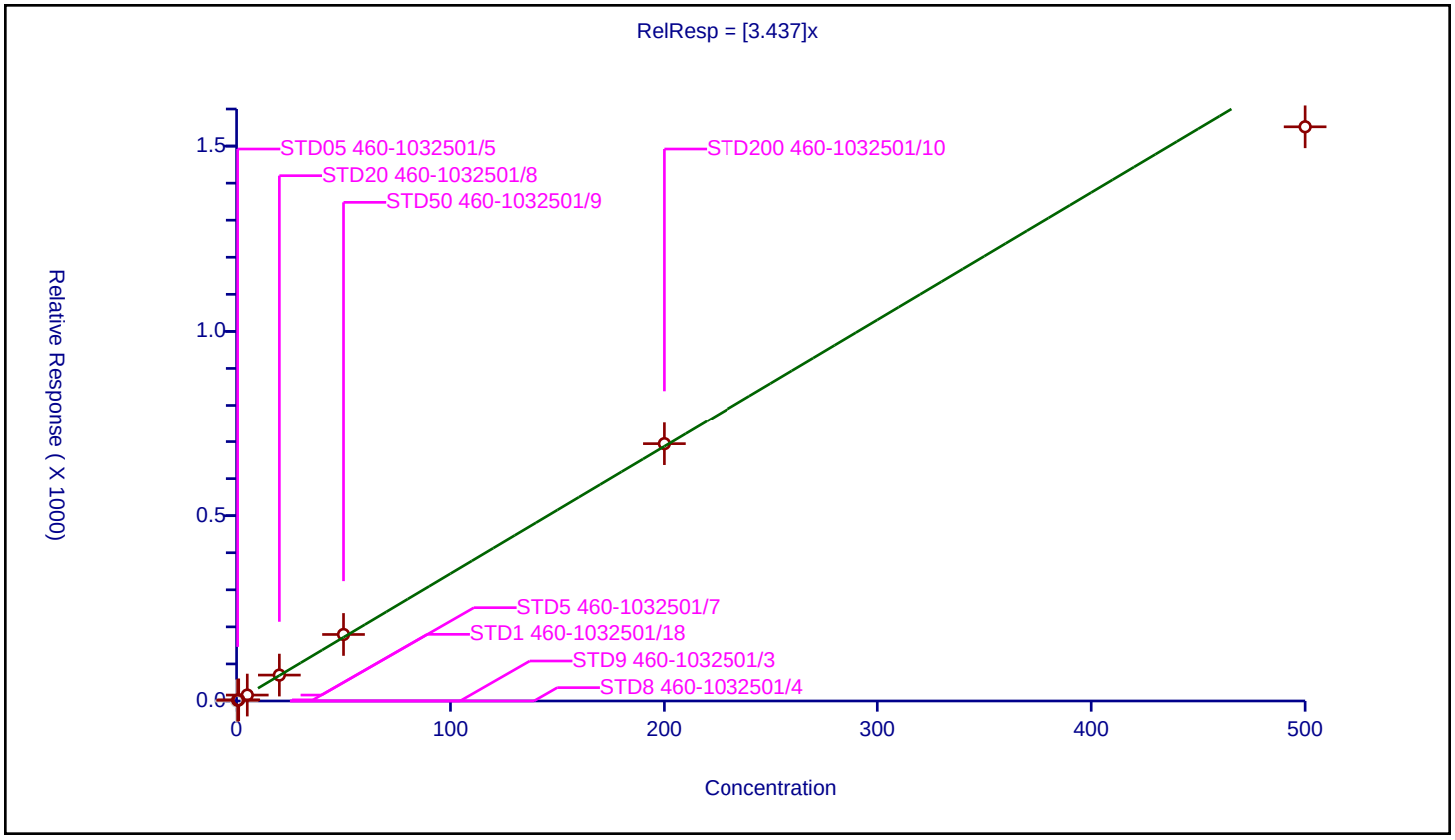
Curve Coefficients

Intercept:	0
Slope:	3.437

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	2.051114	50.0	251010.0	4.102227	Y
4	STD1 460-1032501/18	1.0	3.091416	50.0	238952.0	3.091416	Y
5	STD5 460-1032501/7	5.0	16.017886	50.0	249802.0	3.203577	Y
6	STD20 460-1032501/8	20.0	69.890003	50.0	248371.0	3.4945	Y
7	STD50 460-1032501/9	50.0	179.452676	50.0	250108.0	3.589054	Y
8	STD200 460-1032501/10	200.0	694.415384	50.0	258084.0	3.472077	Y
9	STD500 460-1032501/11	500.0	1552.023233	50.0	263069.0	3.104046	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

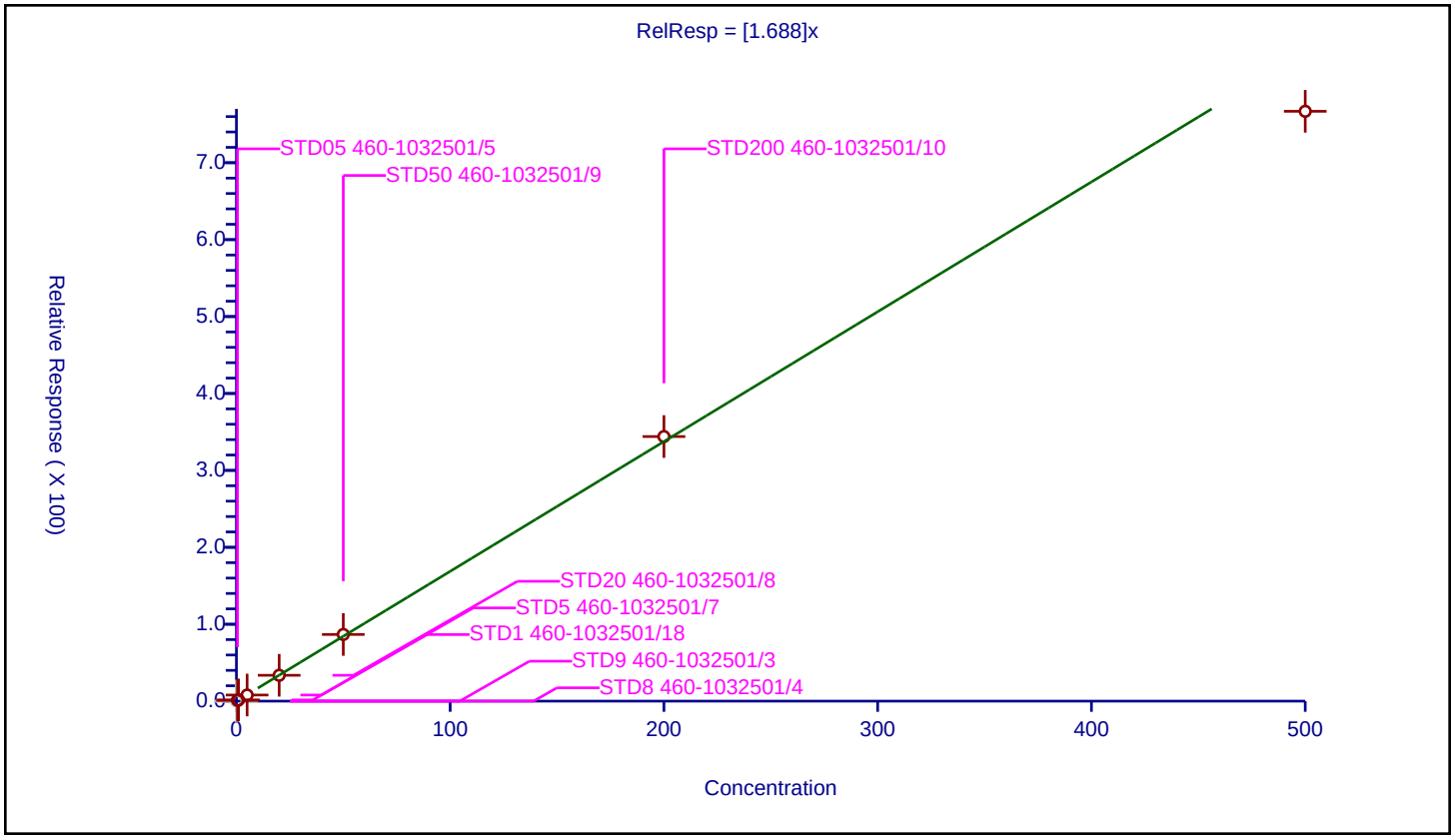
Curve Coefficients

Intercept:	0
Slope:	1.688

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.003147	50.0	251010.0	2.006295	Y
4	STD1 460-1032501/18	1.0	1.546126	50.0	238952.0	1.546126	Y
5	STD5 460-1032501/7	5.0	7.962706	50.0	249802.0	1.592541	Y
6	STD20 460-1032501/8	20.0	33.620471	50.0	248371.0	1.681024	Y
7	STD50 460-1032501/9	50.0	86.687151	50.0	250108.0	1.733743	Y
8	STD200 460-1032501/10	200.0	343.996335	50.0	258084.0	1.719982	Y
9	STD500 460-1032501/11	500.0	766.866868	50.0	263069.0	1.533734	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

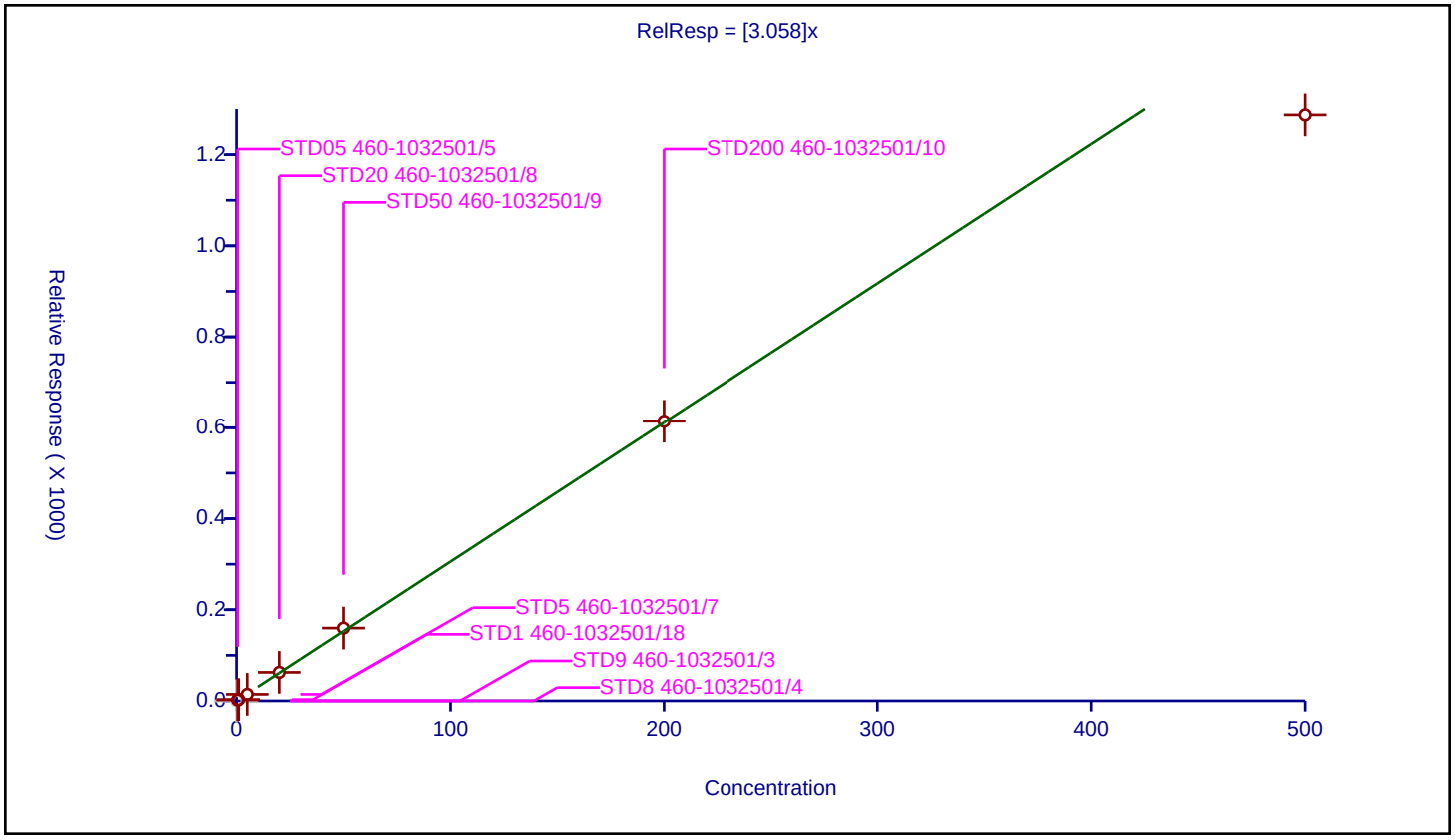
Curve Coefficients

Intercept:	0
Slope:	3.058

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.843751	50.0	251010.0	3.687502	Y
4	STD1 460-1032501/18	1.0	2.878612	50.0	238952.0	2.878612	Y
5	STD5 460-1032501/7	5.0	14.345562	50.0	249802.0	2.869112	Y
6	STD20 460-1032501/8	20.0	62.592855	50.0	248371.0	3.129643	Y
7	STD50 460-1032501/9	50.0	159.800766	50.0	250108.0	3.196015	Y
8	STD200 460-1032501/10	200.0	614.313944	50.0	258084.0	3.07157	Y
9	STD500 460-1032501/11	500.0	1287.06385	50.0	263069.0	2.574128	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

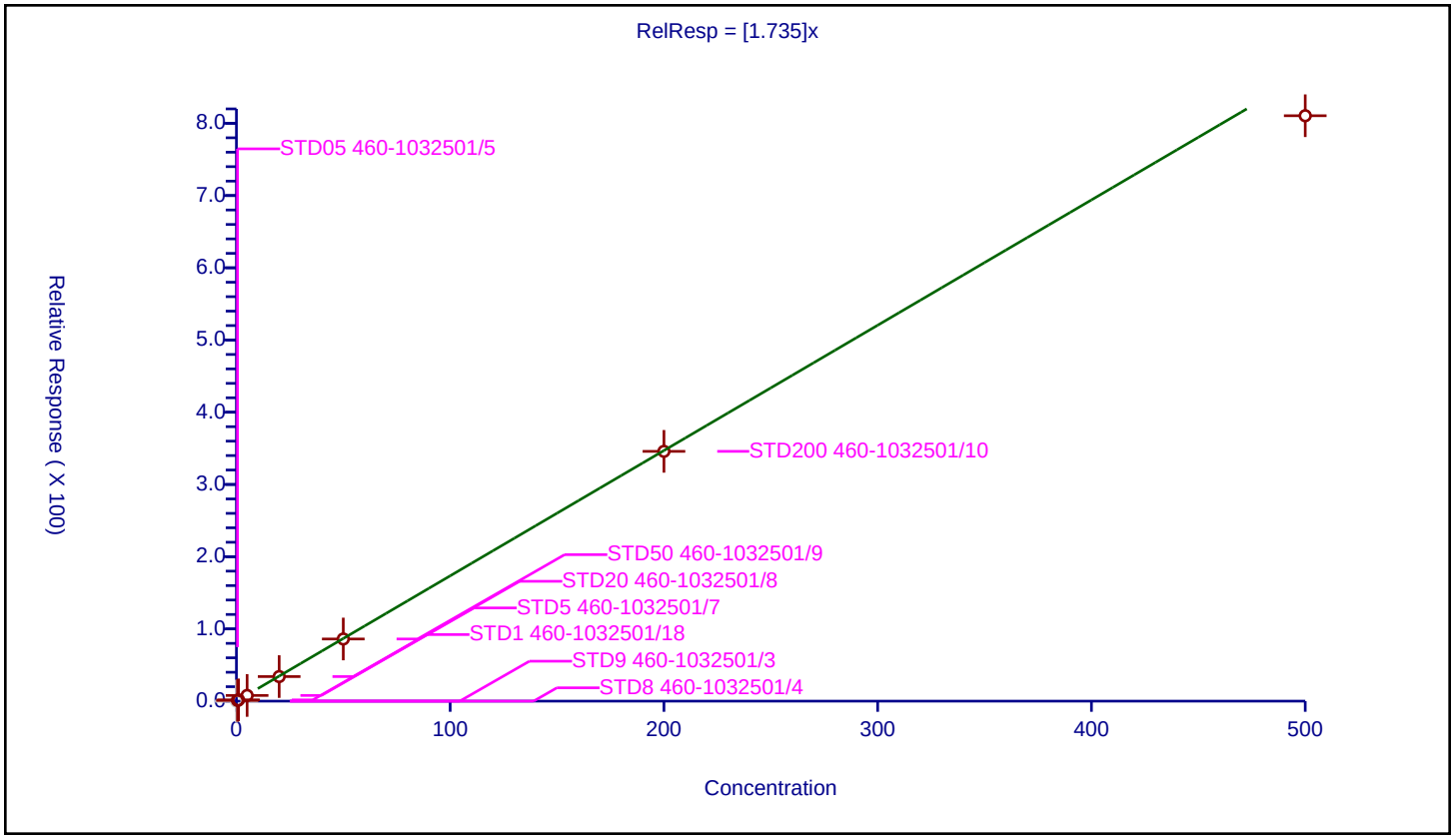
Curve Coefficients

Intercept:	0
Slope:	1.735

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.047568	50.0	251010.0	2.095136	Y
4	STD1 460-1032501/18	1.0	1.705154	50.0	238952.0	1.705154	Y
5	STD5 460-1032501/7	5.0	7.856422	50.0	249802.0	1.571284	Y
6	STD20 460-1032501/8	20.0	34.021685	50.0	248371.0	1.701084	Y
7	STD50 460-1032501/9	50.0	86.060222	50.0	250108.0	1.721204	Y
8	STD200 460-1032501/10	200.0	345.849026	50.0	258084.0	1.729245	Y
9	STD500 460-1032501/11	500.0	810.505609	50.0	263069.0	1.621011	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

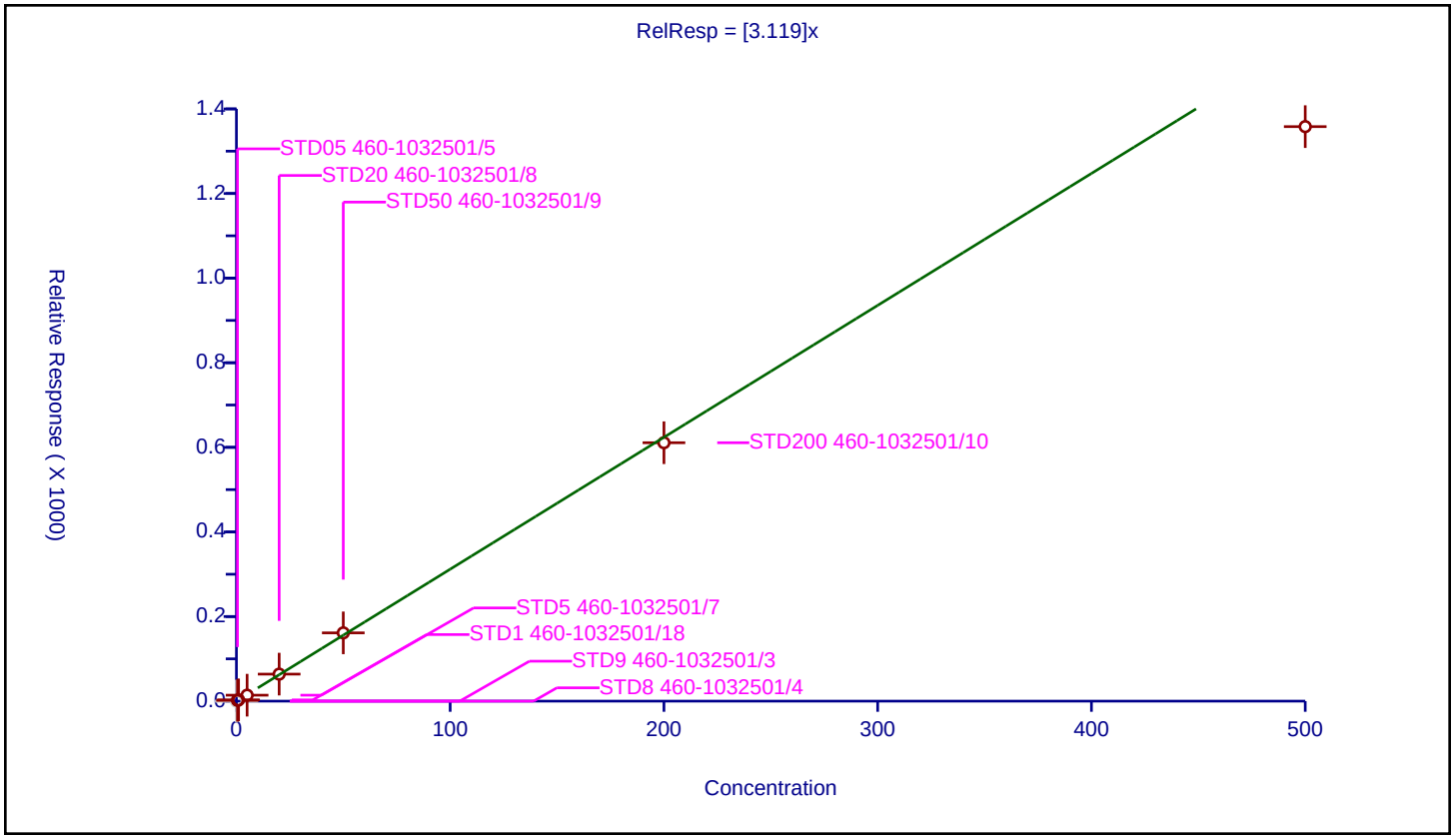
Curve Coefficients

Intercept:	0
Slope:	3.119

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.934584	50.0	251010.0	3.869169	Y
4	STD1 460-1032501/18	1.0	2.958335	50.0	238952.0	2.958335	Y
5	STD5 460-1032501/7	5.0	14.057133	50.0	249802.0	2.811427	Y
6	STD20 460-1032501/8	20.0	63.847631	50.0	248371.0	3.192382	Y
7	STD50 460-1032501/9	50.0	161.394078	50.0	250108.0	3.227882	Y
8	STD200 460-1032501/10	200.0	610.839688	50.0	258084.0	3.054198	Y
9	STD500 460-1032501/11	500.0	1358.078109	50.0	263069.0	2.716156	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

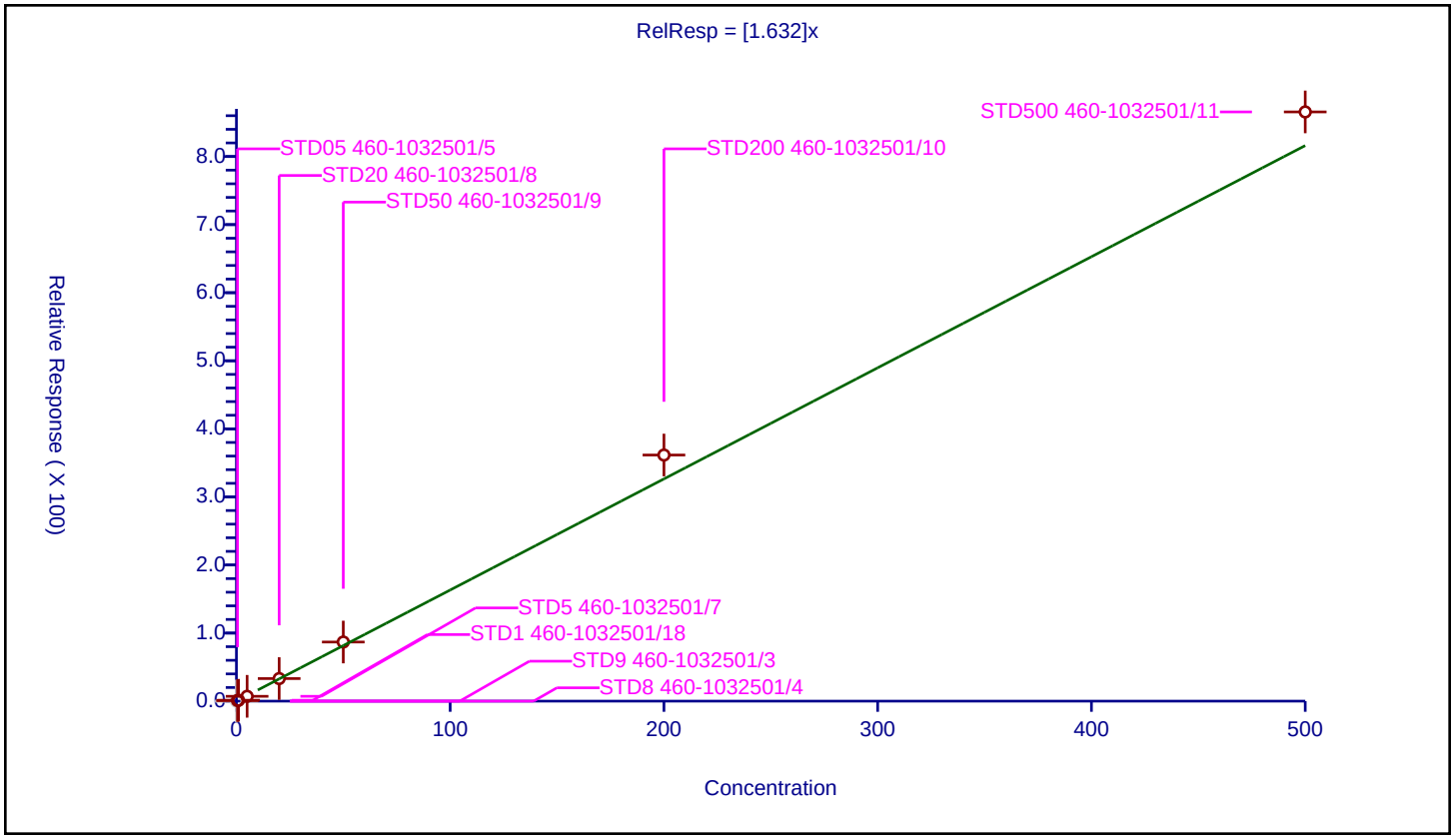
Curve Coefficients

Intercept:	0
Slope:	1.632

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.889208	50.0	251010.0	1.778415	Y
4	STD1 460-1032501/18	1.0	1.290845	50.0	238952.0	1.290845	Y
5	STD5 460-1032501/7	5.0	7.111632	50.0	249802.0	1.422326	Y
6	STD20 460-1032501/8	20.0	33.158461	50.0	248371.0	1.657923	Y
7	STD50 460-1032501/9	50.0	86.845083	50.0	250108.0	1.736902	Y
8	STD200 460-1032501/10	200.0	361.531904	50.0	258084.0	1.80766	Y
9	STD500 460-1032501/11	500.0	865.533377	50.0	263069.0	1.731067	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

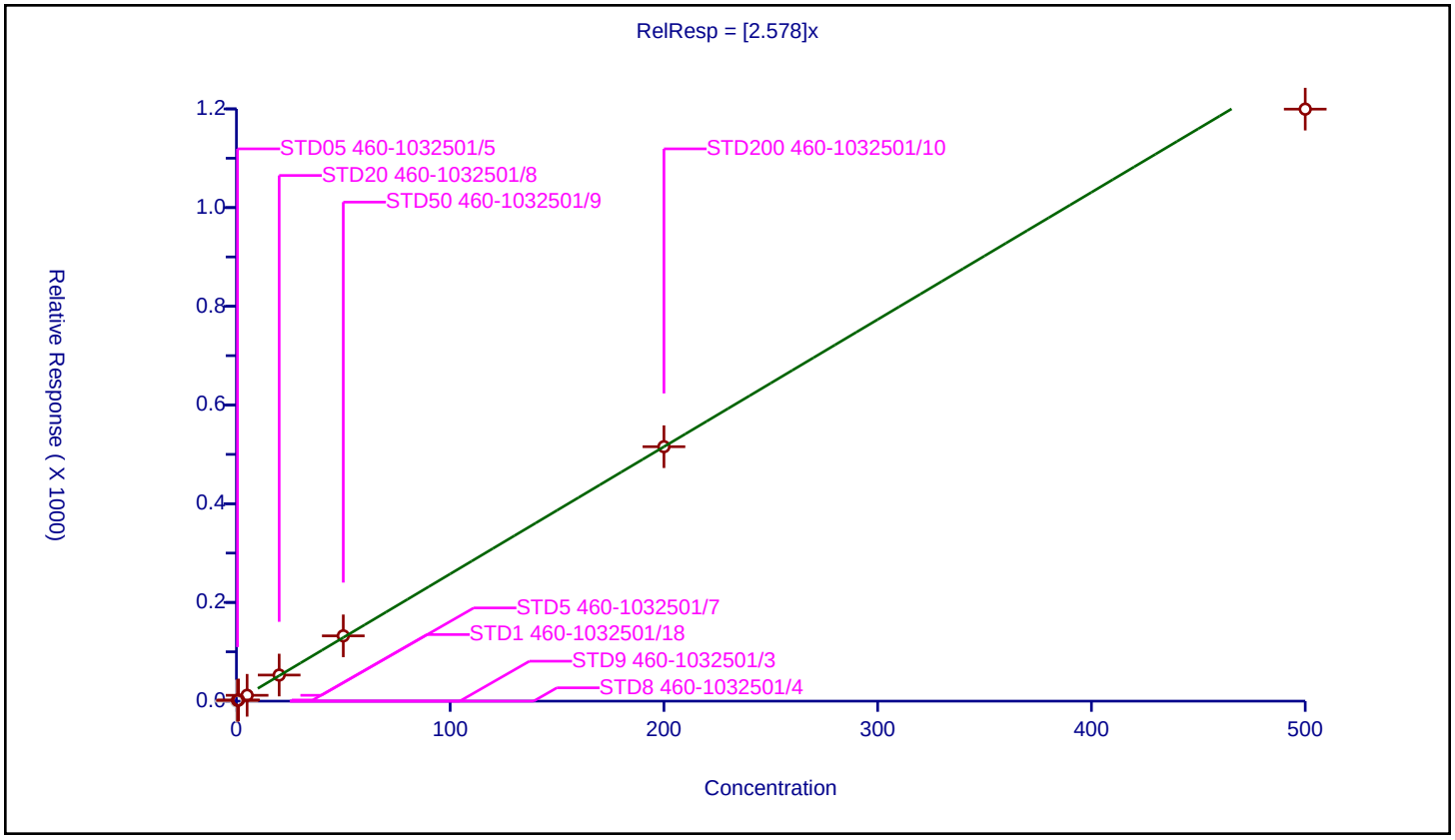
Curve Coefficients

Intercept:	0
Slope:	2.578

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.565475	50.0	251010.0	3.130951	Y
4	STD1 460-1032501/18	1.0	2.272423	50.0	238952.0	2.272423	Y
5	STD5 460-1032501/7	5.0	11.867199	50.0	249802.0	2.37344	Y
6	STD20 460-1032501/8	20.0	52.851782	50.0	248371.0	2.642589	Y
7	STD50 460-1032501/9	50.0	132.308043	50.0	250108.0	2.646161	Y
8	STD200 460-1032501/10	200.0	515.583105	50.0	258084.0	2.577916	Y
9	STD500 460-1032501/11	500.0	1199.512105	50.0	263069.0	2.399024	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

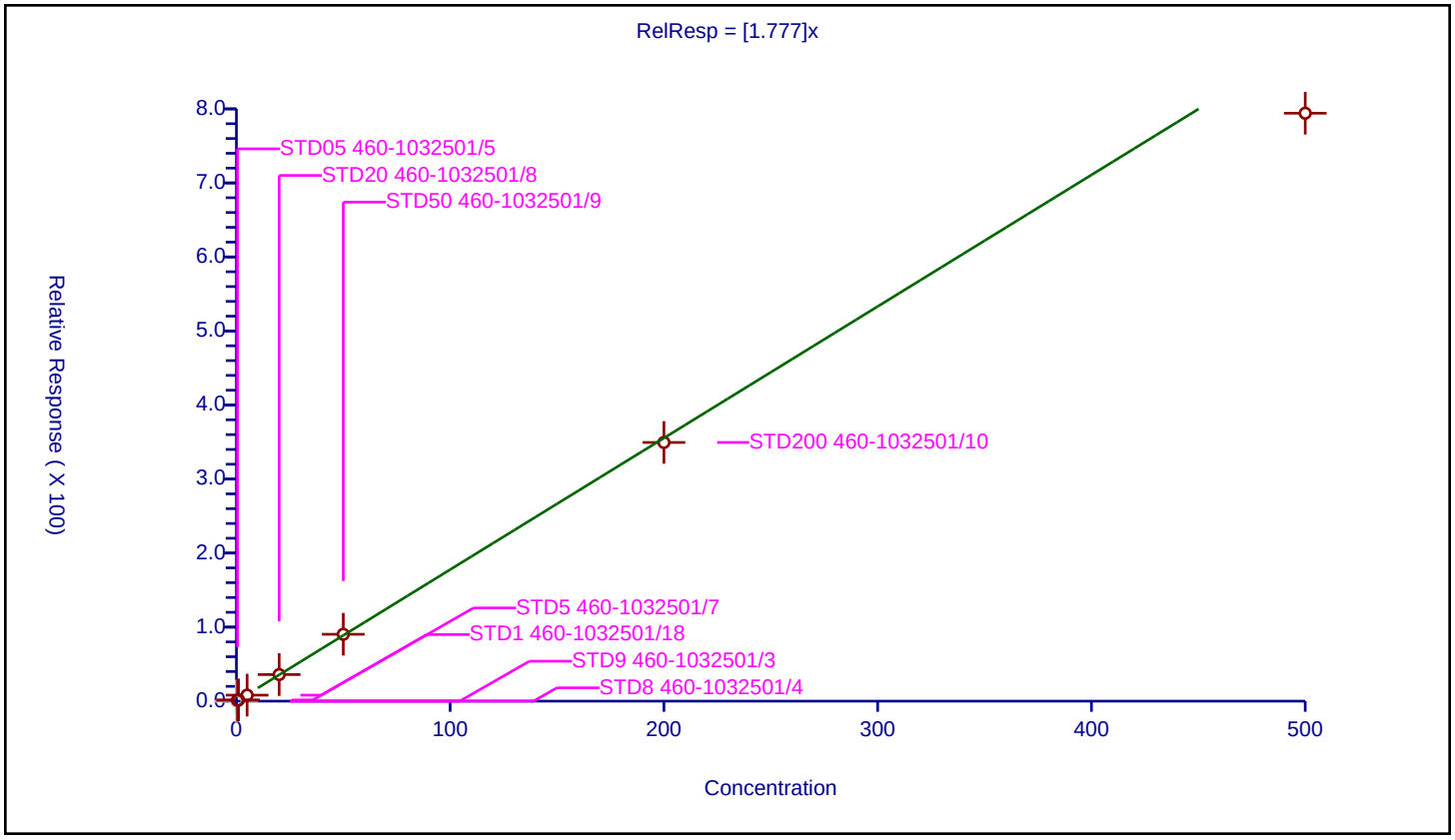
Curve Coefficients

Intercept:	0
Slope:	1.777

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.144178	50.0	251010.0	2.288355	Y
4	STD1 460-1032501/18	1.0	1.592789	50.0	238952.0	1.592789	Y
5	STD5 460-1032501/7	5.0	8.105219	50.0	249802.0	1.621044	Y
6	STD20 460-1032501/8	20.0	35.903346	50.0	248371.0	1.795167	Y
7	STD50 460-1032501/9	50.0	90.317583	50.0	250108.0	1.806352	Y
8	STD200 460-1032501/10	200.0	349.436811	50.0	258084.0	1.747184	Y
9	STD500 460-1032501/11	500.0	794.142411	50.0	263069.0	1.588285	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

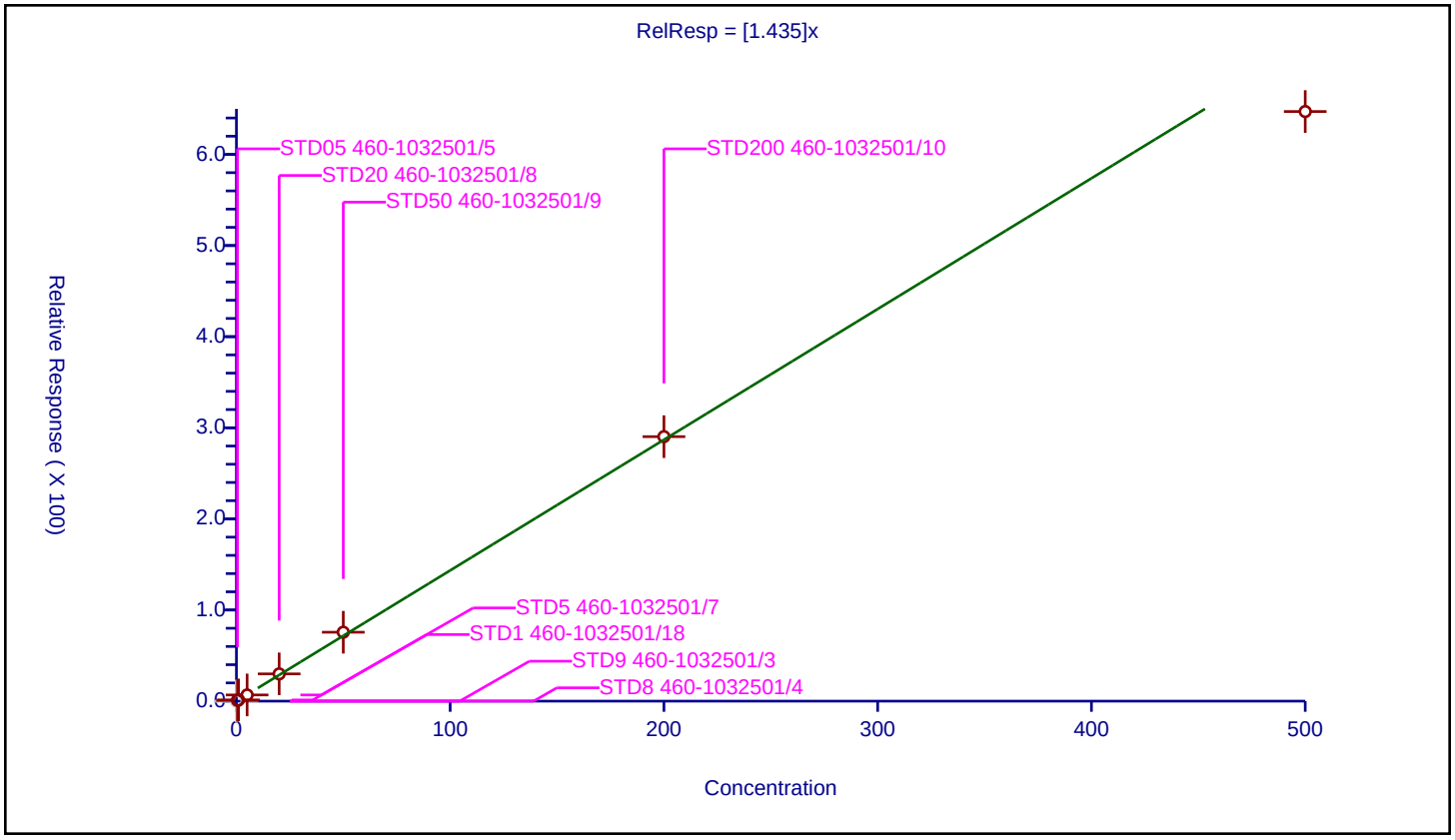
Curve Coefficients

Intercept:	0
Slope:	1.435

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.816302	50.0	251010.0	1.632604	Y
4	STD1 460-1032501/18	1.0	1.297959	50.0	238952.0	1.297959	Y
5	STD5 460-1032501/7	5.0	6.785374	50.0	249802.0	1.357075	Y
6	STD20 460-1032501/8	20.0	29.910094	50.0	248371.0	1.495505	Y
7	STD50 460-1032501/9	50.0	75.64872	50.0	250108.0	1.512974	Y
8	STD200 460-1032501/10	200.0	290.283009	50.0	258084.0	1.451415	Y
9	STD500 460-1032501/11	500.0	647.110264	50.0	263069.0	1.294221	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

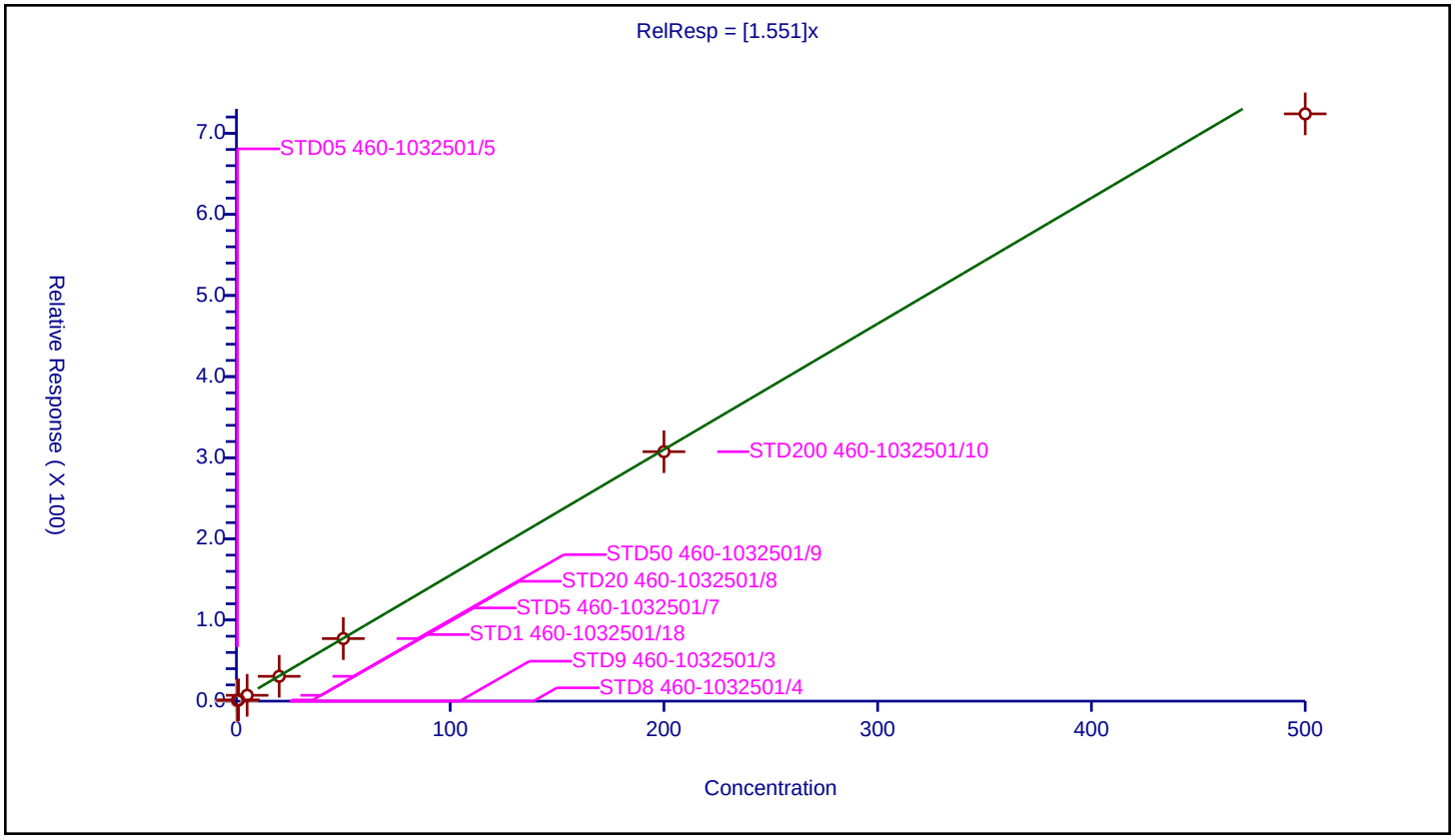
Curve Coefficients

Intercept:	0
Slope:	1.551

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.929047	50.0	251010.0	1.858093	Y
4	STD1 460-1032501/18	1.0	1.495698	50.0	238952.0	1.495698	Y
5	STD5 460-1032501/7	5.0	7.20951	50.0	249802.0	1.441902	Y
6	STD20 460-1032501/8	20.0	30.628978	50.0	248371.0	1.531449	Y
7	STD50 460-1032501/9	50.0	77.113487	50.0	250108.0	1.54227	Y
8	STD200 460-1032501/10	200.0	307.480898	50.0	258084.0	1.537404	Y
9	STD500 460-1032501/11	500.0	723.88879	50.0	263069.0	1.447778	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

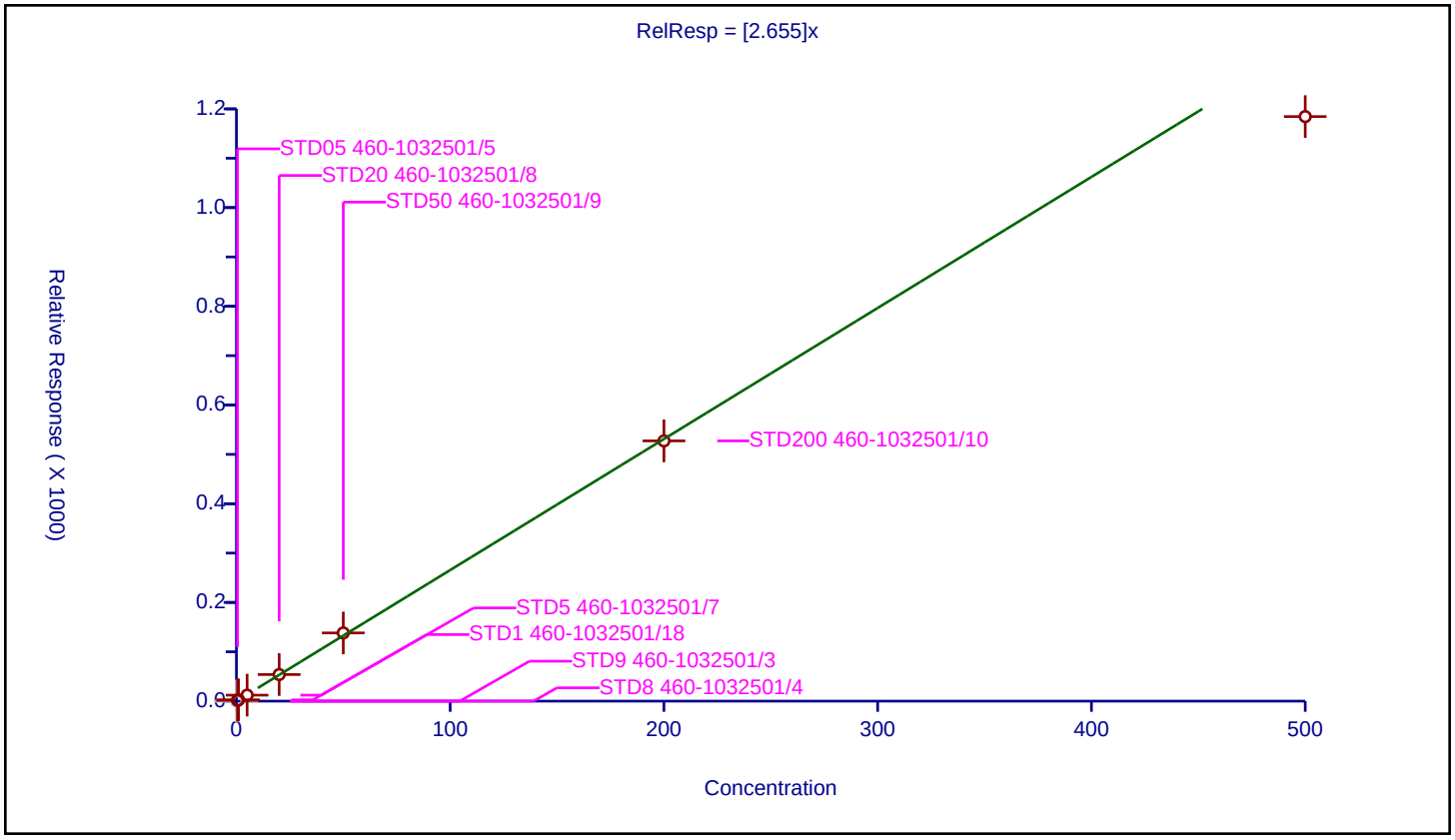
Curve Coefficients

Intercept:	0
Slope:	2.655

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.528226	50.0	251010.0	3.056452	Y
4	STD1 460-1032501/18	1.0	2.641325	50.0	238952.0	2.641325	Y
5	STD5 460-1032501/7	5.0	12.135812	50.0	249802.0	2.427162	Y
6	STD20 460-1032501/8	20.0	53.871225	50.0	248371.0	2.693561	Y
7	STD50 460-1032501/9	50.0	138.191501	50.0	250108.0	2.76383	Y
8	STD200 460-1032501/10	200.0	527.332574	50.0	258084.0	2.636663	Y
9	STD500 460-1032501/11	500.0	1184.420247	50.0	263069.0	2.36884	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

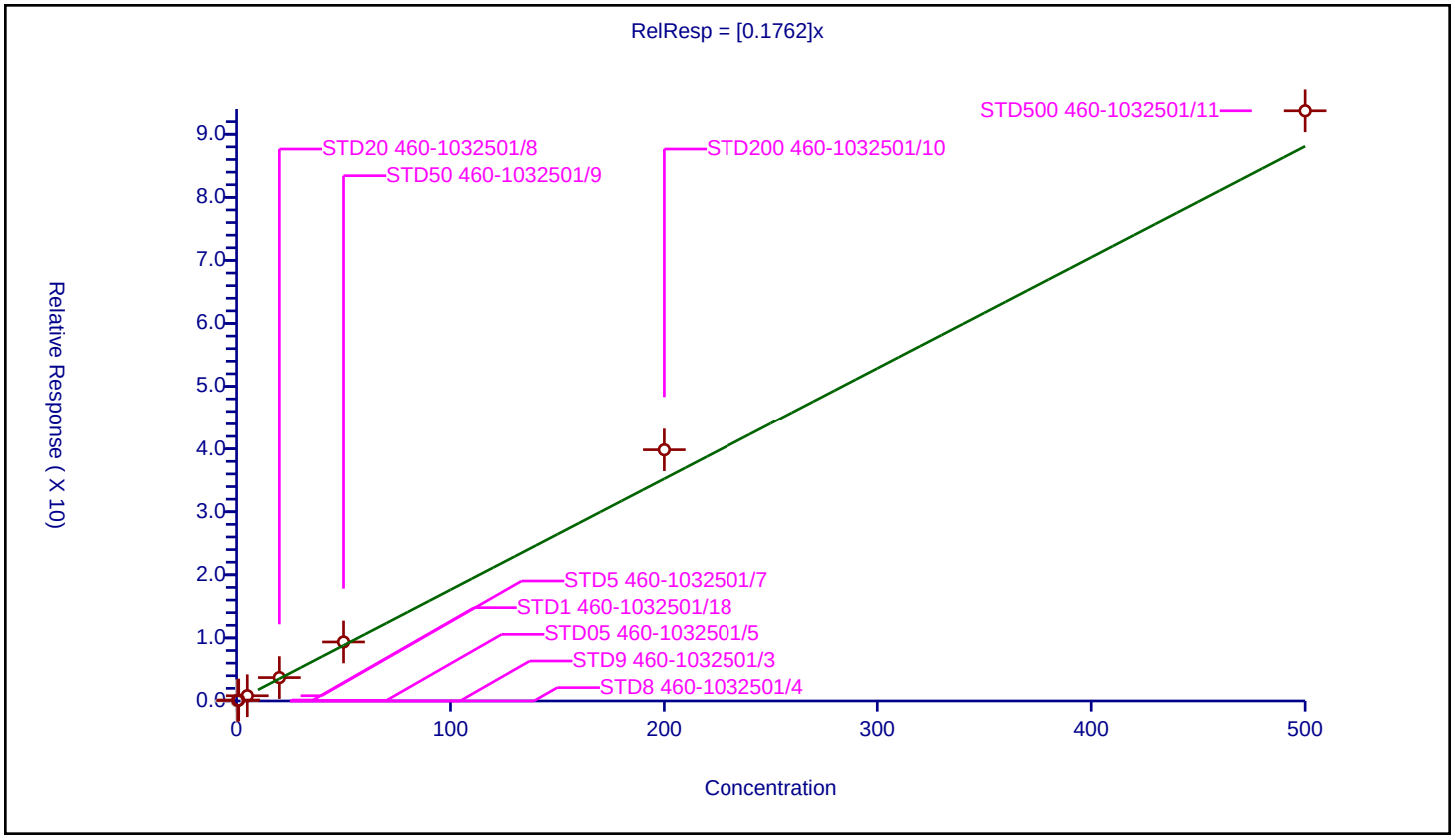
Curve Coefficients

Intercept:	0
Slope:	0.1762

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.07928	50.0	251010.0	0.158559	Y
4	STD1 460-1032501/18	1.0	0.149402	50.0	238952.0	0.149402	Y
5	STD5 460-1032501/7	5.0	0.831058	50.0	249802.0	0.166212	Y
6	STD20 460-1032501/8	20.0	3.708968	50.0	248371.0	0.185448	Y
7	STD50 460-1032501/9	50.0	9.359157	50.0	250108.0	0.187183	Y
8	STD200 460-1032501/10	200.0	39.847879	50.0	258084.0	0.199239	Y
9	STD500 460-1032501/11	500.0	93.719328	50.0	263069.0	0.187439	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

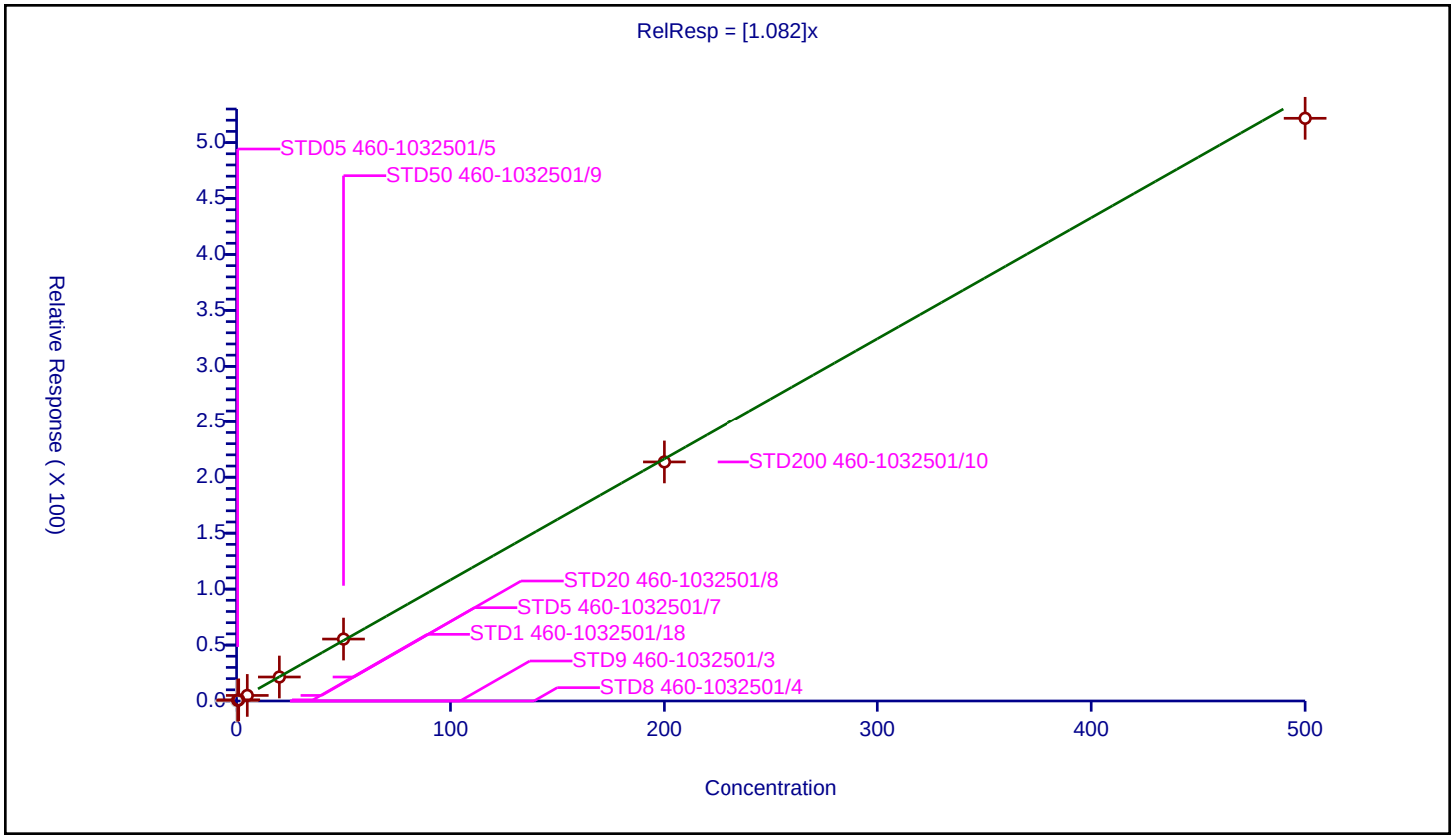
Curve Coefficients

Intercept:	0
Slope:	1.082

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.622087	50.0	251010.0	1.244174	Y
4	STD1 460-1032501/18	1.0	1.04477	50.0	238952.0	1.04477	Y
5	STD5 460-1032501/7	5.0	4.969536	50.0	249802.0	0.993907	Y
6	STD20 460-1032501/8	20.0	21.445942	50.0	248371.0	1.072297	Y
7	STD50 460-1032501/9	50.0	55.362883	50.0	250108.0	1.107258	Y
8	STD200 460-1032501/10	200.0	213.662219	50.0	258084.0	1.068311	Y
9	STD500 460-1032501/11	500.0	521.69792	50.0	263069.0	1.043396	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

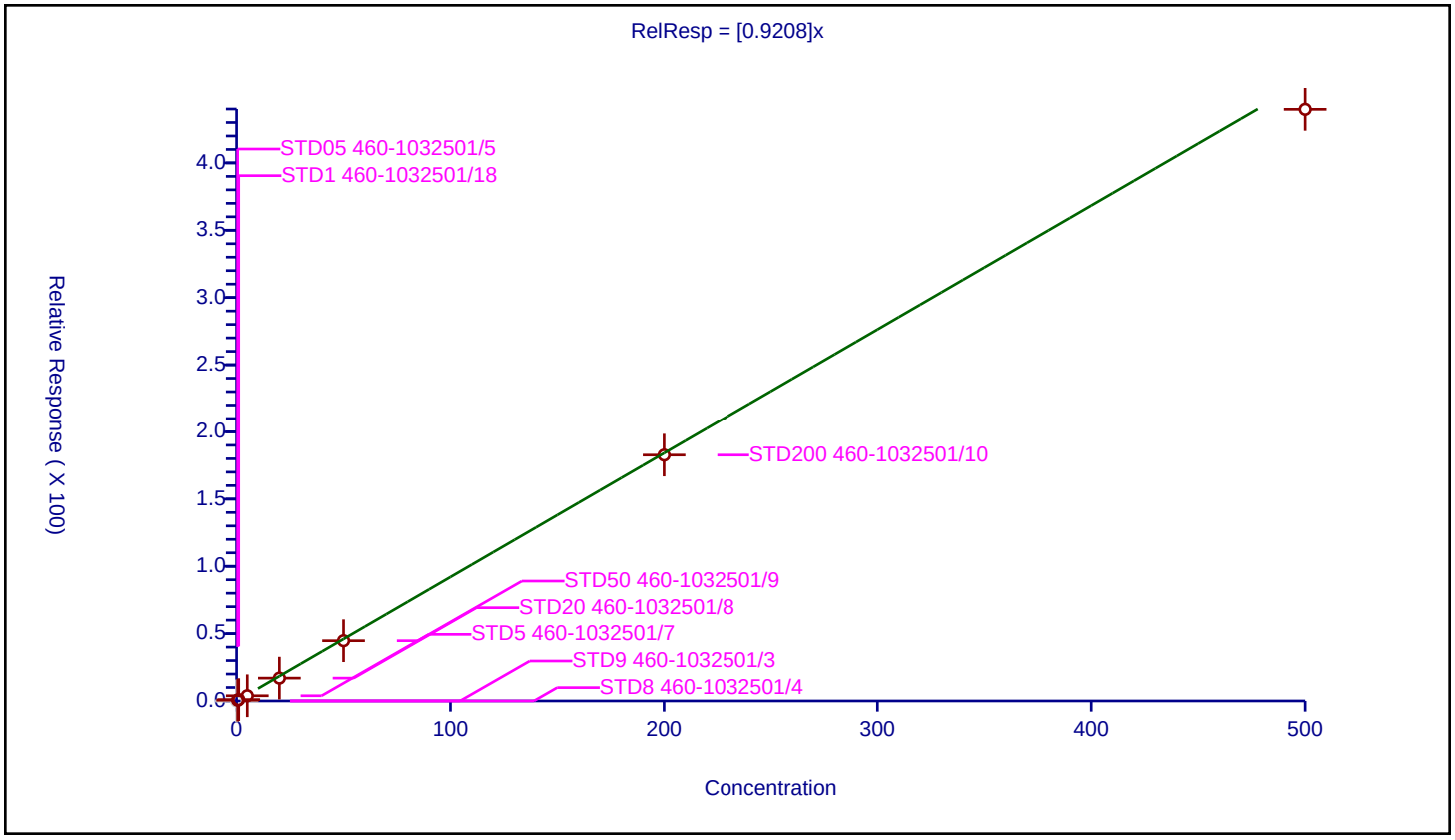
Curve Coefficients

Intercept:	0
Slope:	0.9208

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.565715	50.0	251010.0	1.131429	Y
4	STD1 460-1032501/18	1.0	1.003758	50.0	238952.0	1.003758	Y
5	STD5 460-1032501/7	5.0	3.870065	50.0	249802.0	0.774013	Y
6	STD20 460-1032501/8	20.0	16.965548	50.0	248371.0	0.848277	Y
7	STD50 460-1032501/9	50.0	44.753467	50.0	250108.0	0.895069	Y
8	STD200 460-1032501/10	200.0	182.726942	50.0	258084.0	0.913635	Y
9	STD500 460-1032501/11	500.0	439.75649	50.0	263069.0	0.879513	Y



Calibration / Hexachlorobutadiene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

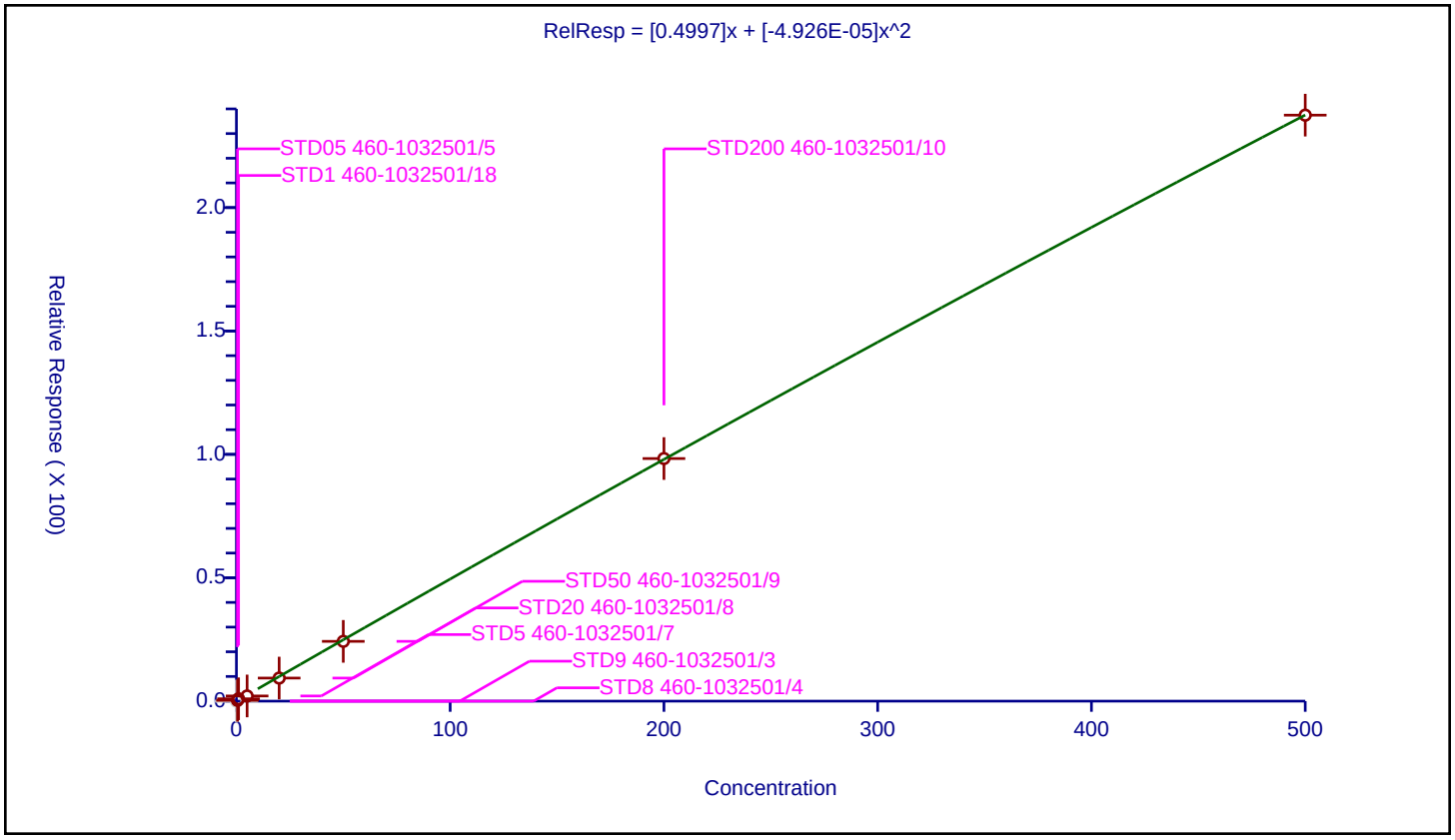
Curve Coefficients

Intercept:	0
Slope:	0.4997
Second Order:	-4.926E-05

Error Coefficients

Relative Standard Deviation:	43.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.325087	50.0	251010.0	0.650173	Y
4	STD1 460-1032501/18	1.0	0.950191	50.0	238952.0	0.950191	Y
5	STD5 460-1032501/7	5.0	2.101464	50.0	249802.0	0.420293	Y
6	STD20 460-1032501/8	20.0	9.357171	50.0	248371.0	0.467859	Y
7	STD50 460-1032501/9	50.0	24.229133	50.0	250108.0	0.484583	Y
8	STD200 460-1032501/10	200.0	98.30869	50.0	258084.0	0.491543	Y
9	STD500 460-1032501/11	500.0	237.465456	50.0	263069.0	0.474931	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

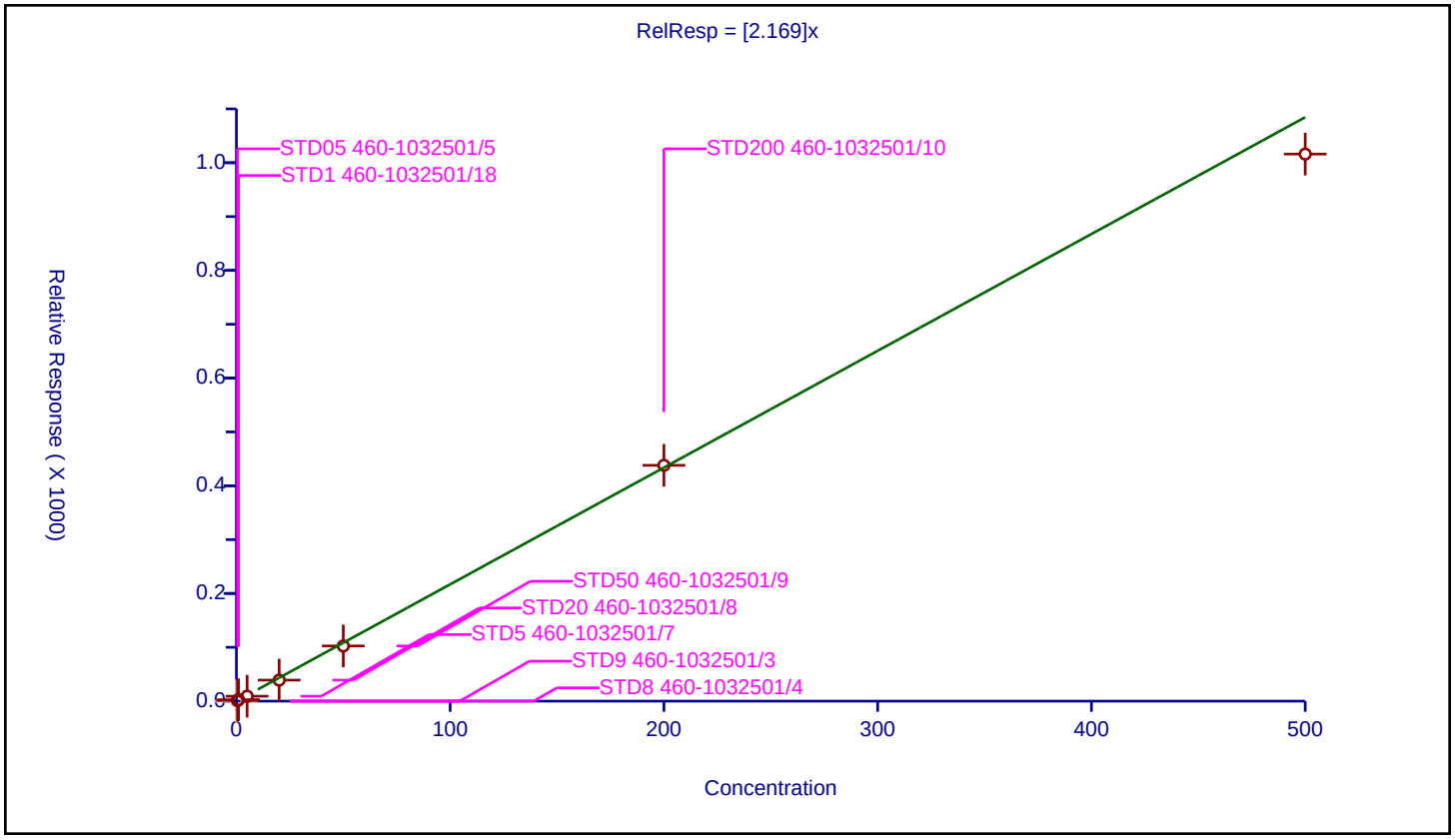
Curve Coefficients

Intercept:	0
Slope:	2.169

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.245568	50.0	251010.0	2.491136	Y
4	STD1 460-1032501/18	1.0	2.630654	50.0	238952.0	2.630654	Y
5	STD5 460-1032501/7	5.0	9.178469	50.0	249802.0	1.835694	Y
6	STD20 460-1032501/8	20.0	39.078435	50.0	248371.0	1.953922	Y
7	STD50 460-1032501/9	50.0	102.45454	50.0	250108.0	2.049091	Y
8	STD200 460-1032501/10	200.0	437.988601	50.0	258084.0	2.189943	Y
9	STD500 460-1032501/11	500.0	1016.068408	50.0	263069.0	2.032137	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

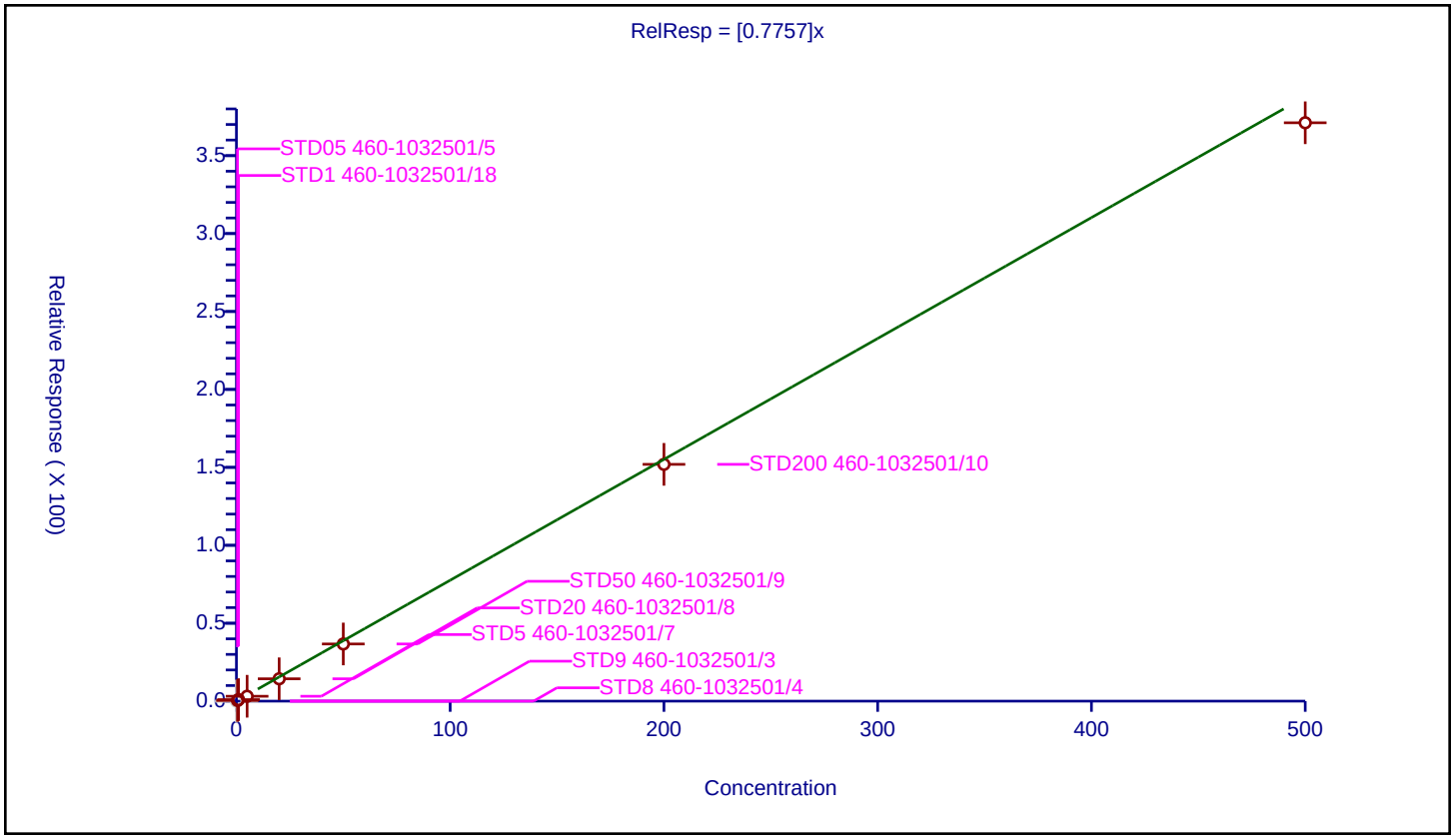
Curve Coefficients

Intercept:	0
Slope:	0.7757

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.439823	50.0	251010.0	0.879646	Y
4	STD1 460-1032501/18	1.0	0.969442	50.0	238952.0	0.969442	Y
5	STD5 460-1032501/7	5.0	3.138085	50.0	249802.0	0.627617	Y
6	STD20 460-1032501/8	20.0	14.350709	50.0	248371.0	0.717535	Y
7	STD50 460-1032501/9	50.0	36.673757	50.0	250108.0	0.733475	Y
8	STD200 460-1032501/10	200.0	151.928636	50.0	258084.0	0.759643	Y
9	STD500 460-1032501/11	500.0	371.099597	50.0	263069.0	0.742199	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: ICV 460-1032501/22 Calibration Date: 04/19/2025 13:06

Instrument ID: CVOAMS15 Calib Start Date: 03/25/2025 19:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/25/2025 22:44

Lab File ID: T689621.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloroethyl vinyl ether	Ave				1.00	20.0		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689621.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 19-Apr-2025 13:06:35 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 460-0189481-022
Operator ID: Instrument ID: CVOAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:11:52 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: NN6A Date: 21-Apr-2025 14:12:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.512	1.512	0.000	72	2986	20.0	21.7	
3 Chlorotrifluoroethene	116	1.638	1.633	0.005	95	15991	20.0	19.8	
2 1,1-Difluoroethane	65	1.653	1.648	0.005	91	24675	20.0	20.2	
4 Dichlorodifluoromethane	85	1.674	1.669	0.005	99	90407	20.0	16.8	
5 Chlorodifluoromethane	67	1.701	1.695	0.006	96	10990	20.0	16.5	
6 Chloromethane	50	1.879	1.874	0.005	99	73829	20.0	17.0	
7 Vinyl chloride	62	1.984	1.979	0.005	98	73260	20.0	19.4	
8 Butadiene	54	2.015	2.015	0.000	95	70001	20.0	18.9	
9 Bromomethane	94	2.325	2.319	0.006	96	46687	20.0	23.2	
10 Chloroethane	64	2.424	2.424	0.000	98	42033	20.0	18.1	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	99	134802	20.0	18.1	
12 Trichlorofluoromethane	101	2.644	2.644	0.000	99	129992	20.0	17.9	
13 Pentane	72	2.702	2.702	0.000	95	18252	40.0	27.8	
14 Ethanol	46	2.828	2.838	-0.010	96	8027	800.0	804.5	
15 Ethyl ether	59	2.917	2.917	0.000	92	46515	20.0	15.8	
17 2-Methyl-1,3-butadiene	53	2.943	2.938	0.005	86	49623	20.0	16.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.959	2.954	0.005	94	61053	20.0	19.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.017	3.011	0.006	95	86672	20.0	18.7	
19 Acrolein	56	3.090	3.090	0.000	94	15203	39.5	31.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.122	3.116	0.006	97	63419	20.0	17.6	
20 1,1-Dichloroethene	96	3.158	3.153	0.005	99	58478	20.0	16.9	
22 Acetone	43	3.232	3.226	0.006	87	82896	100.0	81.0	
25 Isopropyl alcohol	45	3.321	3.321	0.000	56	33259	200.0	186.5	
23 Iodomethane	142	3.331	3.326	0.005	98	65391	20.0	14.1	
24 Carbon disulfide	76	3.378	3.379	0.000	99	178433	20.0	16.6	
28 Methyl acetate	43	3.520	3.520	0.000	86	72226	40.0	33.9	
27 3-Chloro-1-propene	76	3.515	3.525	-0.010	85	37702	20.0	19.8	
26 Acetonitrile	41	3.557	3.546	0.011	70	79460	200.0	78.8	
29 Cyclopentene	67	3.562	3.562	0.000	85	119533	20.0	12.6	
* 31 TBA-d9 (IS)	66	3.620	3.620	0.000	99	48761	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.656	3.662	-0.006	87	65318	20.0	17.8	
32 2-Methyl-2-propanol	59	3.704	3.709	-0.005	98	57192	200.0	172.2	
35 Methyl tert-butyl ether	73	3.861	3.856	0.005	95	199929	20.0	18.4	
34 trans-1,2-Dichloroethene	96	3.892	3.892	0.000	94	65978	20.0	17.1	
33 Acrylonitrile	53	3.934	3.940	-0.006	93	185655	200.0	179.8	
36 Hexane	57	4.102	4.097	0.005	90	72330	20.0	17.4	
40 Isopropyl ether	45	4.327	4.328	-0.001	92	180558	20.0	19.4	
37 1,1-Dichloroethane	63	4.348	4.343	0.005	79	120557	20.0	17.9	
38 Vinyl acetate	86	4.364	4.364	0.000	99	31061	40.0	21.1	
39 2-Chloro-1,3-butadiene	88	4.417	4.417	0.000	92	65118	20.0	19.3	
41 Tert-butyl ethyl ether	59	4.705	4.700	0.005	88	210048	20.0	19.6	
* 42 2-Butanone-d5	46	4.899	4.899	0.000	65	207635	250.0	250.0	
44 2,2-Dichloropropane	97	4.941	4.941	0.000	91	26679	20.0	19.1	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	75	76927	20.0	18.1	
45 2-Butanone (MEK)	72	4.967	4.962	0.005	98	37037	100.0	88.6	
47 Ethyl acetate	70	4.978	4.983	-0.005	94	14617	40.0	18.9	
48 Methyl acrylate	55	5.046	5.041	0.005	99	48600	20.0	17.1	
46 Propionitrile	54	5.098	5.093	0.005	96	77688	200.0	187.1	a
49 Chlorobromomethane	128	5.224	5.224	0.000	51	34603	20.0	17.8	
50 Methacrylonitrile	67	5.235	5.235	0.000	90	270496	200.0	203.5	
51 Tetrahydrofuran	72	5.235	5.245	-0.010	27	16364	40.0	18.7	
52 Chloroform	83	5.287	5.282	0.005	100	138508	20.0	17.8	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.471	0.000	96	154543	50.0	48.6	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	94	138083	20.0	18.0	
55 Cyclohexane	84	5.486	5.491	-0.005	83	98378	20.0	17.8	
56 Carbon tetrachloride	117	5.638	5.633	0.005	99	115267	20.0	17.7	
57 1,1-Dichloropropene	75	5.664	5.665	0.000	96	100224	20.0	17.3	
59 Isobutyl alcohol	43	5.759	5.764	-0.005	98	47587	500.0	428.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.885	5.885	0.000	91	200241	50.0	49.1	
60 Benzene	78	5.895	5.895	0.000	95	269731	20.0	18.2	
62 Isooctane	57	5.895	5.900	-0.005	62	149636	20.0	19.3	
63 Isopropyl acetate	61	5.948	5.963	-0.015	97	30747	20.0	17.5	
61 1,2-Dichloroethane	62	5.979	5.979	0.000	74	111265	20.0	16.8	
64 Tert-amyl methyl ether	73	5.979	5.979	0.000	97	210634	20.0	20.4	
66 n-Heptane	43	6.110	6.121	-0.011	87	56406	20.0	17.0	
* 65 Fluorobenzene	96	6.236	6.231	0.005	98	551033	50.0	50.0	
68 n-Butanol	56	6.556	6.556	0.000	87	35956	500.0	454.1	
67 Trichloroethene	95	6.666	6.666	0.000	99	78644	20.0	17.5	
69 Ethyl acrylate	55	6.792	6.787	0.005	98	81267	20.0	20.4	
70 Methylcyclohexane	83	6.844	6.834	0.010	94	102475	20.0	17.7	
71 1,2-Dichloropropane	63	6.991	6.986	0.005	85	62868	20.0	17.4	
* 73 1,4-Dioxane-d8	96	7.054	7.054	0.000	1	35274	1000.0	1000.0	
75 Methyl methacrylate	100	7.091	7.085	0.006	86	34973	40.0	39.6	
74 1,4-Dioxane	88	7.127	7.112	0.015	56	15239	400.0	372.6	
72 Dibromomethane	93	7.138	7.143	-0.005	95	45494	20.0	17.9	
76 n-Propyl acetate	43	7.159	7.154	0.005	96	72166	20.0	16.5	
77 Dichlorobromomethane	83	7.321	7.321	0.000	97	102634	20.0	17.7	
78 2-Nitropropane	41	7.704	7.704	0.000	94	36756	40.0	35.6	
80 Epichlorohydrin	57	7.840	7.846	-0.006	62	3481	20.0	8.60	
81 cis-1,3-Dichloropropene	75	7.935	7.935	0.000	92	111178	20.0	17.3	
82 4-Methyl-2-pentanone (MIBK)	43	8.129	8.129	0.000	94	243079	100.0	92.8	
$ 83 Toluene-d8 (Surr)	98	8.255	8.249	0.006	97	542511	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.349	8.344	0.005	94	293990	20.0	17.7	
85 trans-1,3-Dichloropropene	75	8.742	8.737	0.005	95	112927	20.0	19.1	
86 Ethyl methacrylate	69	8.795	8.789	0.006	85	79904	20.0	18.0	
87 1,1,2-Trichloroethane	83	8.994	8.994	0.000	92	49570	20.0	18.2	
88 Tetrachloroethene	166	9.104	9.099	0.005	96	88990	20.0	17.5	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	92	108332	20.0	18.4	
90 2-Hexanone	43	9.335	9.340	-0.005	94	172400	100.0	92.6	
93 n-Butyl acetate	43	9.497	9.487	0.010	97	79084	20.0	19.1	
91 Chlorodibromomethane	129	9.539	9.529	0.010	96	74976	20.0	18.9	
92 Ethylene Dibromide	107	9.728	9.728	0.000	99	63417	20.0	17.9	
* 94 Chlorobenzene-d5	117	10.415	10.415	0.000	88	441075	50.0	50.0	
95 Chlorobenzene	112	10.462	10.457	0.005	94	199153	20.0	18.1	
97 Ethylbenzene	106	10.603	10.598	0.005	98	113444	20.0	18.7	
96 1,1,1,2-Tetrachloroethane	131	10.603	10.604	-0.001	44	77673	20.0	18.3	
98 m-Xylene & p-Xylene	106	10.792	10.792	0.000	92	132994	20.0	18.1	
101 n-Butyl acrylate	73	11.390	11.395	-0.005	96	45539	20.0	18.2	
99 o-Xylene	106	11.411	11.411	0.000	93	130609	20.0	18.4	
100 Styrene	104	11.448	11.442	0.006	93	207392	20.0	18.6	
102 Bromoform	173	11.710	11.705	0.005	69	48311	20.0	17.7	
103 Amyl acetate (mixed isomers)	43	11.710	11.715	-0.005	92	85733	20.0	18.1	
104 Isopropylbenzene	105	11.904	11.904	0.000	96	348165	20.0	20.5	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	89	191146	50.0	49.2	
106 Bromobenzene	156	12.313	12.308	0.005	93	89254	20.0	18.2	
107 1,1,2,2-Tetrachloroethane	83	12.349	12.355	-0.006	94	72289	20.0	18.7	
108 1,2,3-Trichloropropane	110	12.407	12.412	-0.005	59	27328	20.0	18.1	
110 N-Propylbenzene	91	12.418	12.418	0.000	99	410671	20.0	19.5	
109 trans-1,4-Dichloro-2-butene	53	12.433	12.428	0.005	55	24531	20.0	18.5	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	94	289885	20.0	18.7	
112 4-Ethyltoluene	105	12.554	12.554	0.000	97	340808	20.0	19.3	
114 1,3,5-Trimethylbenzene	105	12.633	12.633	0.000	92	293230	20.0	18.9	
113 4-Chlorotoluene	91	12.664	12.669	-0.005	98	267545	20.0	18.1	M
115 Butyl Methacrylate	87	12.748	12.748	0.000	87	85370	20.0	19.2	
116 tert-Butylbenzene	119	12.973	12.973	0.000	92	244575	20.0	18.5	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	97	298722	20.0	18.9	
118 sec-Butylbenzene	105	13.204	13.204	0.000	97	336579	20.0	19.1	
119 1,3-Dichlorobenzene	146	13.340	13.335	0.005	95	160827	20.0	18.6	
122 4-Isopropyltoluene	119	13.351	13.351	0.000	95	293976	20.0	18.7	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	95	256845	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.435	13.440	-0.005	91	164002	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	99	319596	20.0	20.0	
124 Benzyl chloride	91	13.576	13.576	0.000	99	172916	20.0	20.6	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	93	268447	20.0	20.3	
127 p-Diethylbenzene	119	13.723	13.723	0.000	92	172609	20.0	18.9	
128 n-Butylbenzene	92	13.744	13.744	0.000	97	142634	20.0	19.4	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	95	146787	20.0	18.4	
130 1,2,4,5-Tetramethylbenzene	119	14.426	14.426	0.000	96	257867	20.0	18.9	
129 1,2-Dibromo-3-Chloropropane	157	14.499	14.504	-0.005	95	16568	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	14.641	14.641	0.000	97	108450	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	94	82471	20.0	17.4	
133 Hexachlorobutadiene	225	15.249	15.244	0.005	79	45652	20.0	17.8	
134 Naphthalene	128	15.348	15.349	-0.001	99	189281	20.0	17.0	
135 1,2,3-Trichlorobenzene	180	15.548	15.548	0.000	97	65096	20.0	16.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.2	
S 137 Xylenes, Total	100				0		40.0	36.6	
S 140 Total BTEX	1				0		100.0	91.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

7 Freons SS_00026	Amount Added:	20.00	Units: uL	
8260 SP_00191	Amount Added:	20.00	Units: uL	
GAS C SP_00619	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00176	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:12:38 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689621.D

Injection Date: 19-Apr-2025 13:06:35 Instrument ID: CVOAMS15

Lims ID: ICV

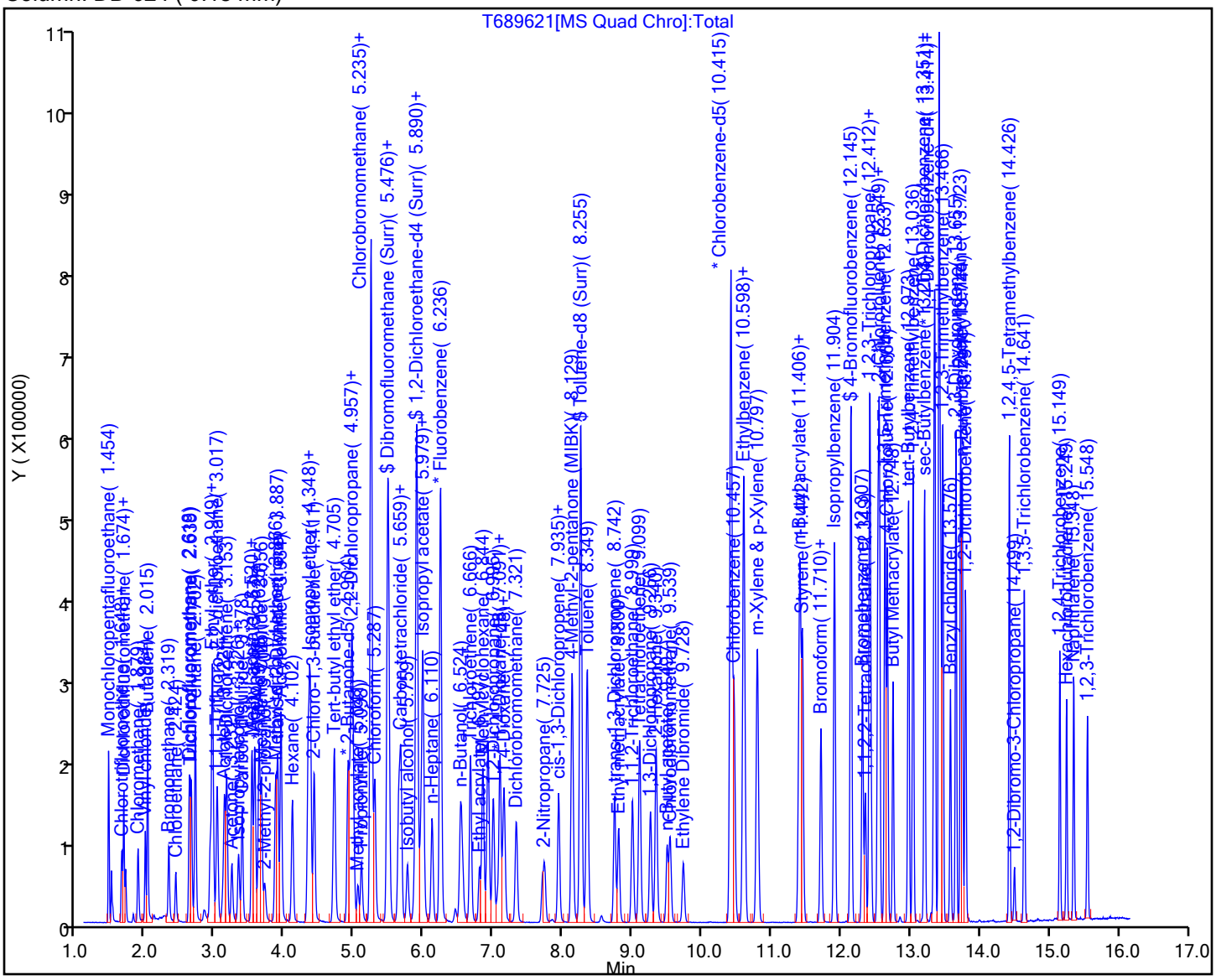
Client ID:

Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: ICV 460-1032501/22 Calibration Date: 04/19/2025 13:06

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T689621.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0125	0.0135		21.7	20.0	8.4	30.0
Chlorotrifluoroethene	Ave	0.0734	0.0726		19.8	20.0	-1.2	30.0
1,1-Difluoroethane	QuaF		0.1119		20.2	20.0	1.1	30.0
Dichlorodifluoromethane	Ave	0.4877	0.4102	0.1000	16.8	20.0	-15.9	30.0
Chlorodifluoromethane	Qua2		0.0499		16.5	20.0	-17.7	30.0
Chloromethane	Ave	0.3944	0.3350	0.1000	17.0	20.0	-15.1	30.0
Vinyl chloride	Ave	0.3433	0.3324	0.1000	19.4	20.0	-3.2	30.0
Butadiene	Ave	0.3365	0.3176		18.9	20.0	-5.6	30.0
Bromomethane	Qua2		0.2118	0.1000	23.2	20.0	16.1	30.0
Chloroethane	Ave	0.2112	0.1907	0.1000	18.1	20.0	-9.7	30.0
Dichlorofluoromethane	Ave	0.6744	0.6116		18.1	20.0	-9.3	30.0
Trichlorofluoromethane	Ave	0.6601	0.5898	0.1000	17.9	20.0	-10.6	30.0
Pentane	Ave	0.0595	0.0414		27.8	40.0	-30.4*	30.0
Ethanol	Ave	0.2046	0.2058		804	800	0.6	30.0
Ethyl ether	Ave	0.2666	0.2110		15.8	20.0	-20.8	30.0
2-Methyl-1,3-butadiene	Ave	0.2694	0.2251		16.7	20.0	-16.4	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2921	0.2770		19.0	20.0	-5.2	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4198	0.3932		18.7	20.0	-6.3	30.0
Acrolein	Ave	0.0440	0.0349		31.3	39.5	-20.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3269	0.2877	0.1000	17.6	20.0	-12.0	30.0
1,1-Dichloroethene	Ave	0.3131	0.2653	0.1000	16.9	20.0	-15.3	30.0
Acetone	QuaF		0.0752	0.0010	81.0	100	-19.0	30.0
Isopropyl alcohol	Ave	3.657	3.410		187	200	-6.7	30.0
Iodomethane	QuaF		0.2967		14.1	20.0	-29.6	30.0
Carbon disulfide	Ave	0.9771	0.8095	0.1000	16.6	20.0	-17.1	30.0
3-Chloro-1-propene	Ave	0.1724	0.1711		19.8	20.0	-0.8	30.0
Methyl acetate	Ave	0.1932	0.1638	0.0500	33.9	40.0	-15.2	30.0
Acetonitrile	QuaF		0.4784		78.8	200	-60.6*	30.0
Cyclopentene	Ave	0.8602	0.5423		12.6	20.0	-37.0*	30.0
Methylene Chloride	Ave	0.3339	0.2963	0.1000	17.8	20.0	-11.2	30.0
2-Methyl-2-propanol	Ave	6.812	5.865		172	200	-13.9	30.0
Methyl tert-butyl ether	Ave	0.9871	0.9071	0.1000	18.4	20.0	-8.1	30.0
trans-1,2-Dichloroethene	Ave	0.3500	0.2993	0.1000	17.1	20.0	-14.5	30.0
Acrylonitrile	Ave	0.0937	0.0842		180	200	-10.1	30.0
Hexane	Ave	0.3773	0.3282		17.4	20.0	-13.0	30.0
Isopropyl ether	Ave	0.8441	0.8192		19.4	20.0	-3.0	30.0
1,1-Dichloroethane	Ave	0.6111	0.5470	0.2000	17.9	20.0	-10.5	30.0
Vinyl acetate	Ave	1.772	0.9350		21.1	40.0	-47.2*	30.0
2-Chloro-1,3-butadiene	Ave	0.3066	0.2954		19.3	20.0	-3.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: ICV 460-1032501/22 Calibration Date: 04/19/2025 13:06

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T689621.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.9742	0.9530		19.6	20.0	-2.2	30.0
2,2-Dichloropropane	Ave	0.1270	0.1210		19.1	20.0	-4.7	30.0
cis-1,2-Dichloroethene	Ave	0.3859	0.3490	0.1000	18.1	20.0	-9.5	30.0
2-Butanone (MEK)	Lin2		0.0336	0.0100	88.6	100	-11.4	30.0
Ethyl acetate	Ave	0.9308	0.4400		18.9	40.0	-52.7*	30.0
Methyl acrylate	Ave	0.2581	0.2205		17.1	20.0	-14.6	30.0
Propionitrile	Ave	0.0377	0.0352		187	200	-6.4	30.0
Chlorobromomethane	Ave	0.1760	0.1570		17.8	20.0	-10.8	30.0
Methacrylonitrile	Ave	0.1206	0.1227		203	200	1.7	30.0
Tetrahydrofuran	QuaF		0.4926		18.7	40.0	-53.1*	30.0
Chloroform	Ave	0.7060	0.6284	0.2000	17.8	20.0	-11.0	30.0
1,1,1-Trichloroethane	Ave	0.6942	0.6265	0.1000	18.0	20.0	-9.8	30.0
Cyclohexane	Ave	0.5006	0.4463	0.1000	17.8	20.0	-10.8	30.0
Carbon tetrachloride	Ave	0.5899	0.5230	0.1000	17.7	20.0	-11.3	30.0
1,1-Dichloropropene	Ave	0.5261	0.4547		17.3	20.0	-13.6	30.0
Isobutyl alcohol	QuaF		1.952		428	500	-14.3	30.0
Benzene	Ave	1.677	1.529	0.5000	18.2	20.0	-8.9	30.0
Isooctane	Ave	0.7038	0.6789		19.3	20.0	-3.5	30.0
Isopropyl acetate	Ave	0.1592	0.1395		17.5	20.0	-12.4	30.0
1,2-Dichloroethane	Ave	0.6009	0.5048	0.1000	16.8	20.0	-16.0	30.0
Tert-amyl methyl ether	Ave	0.9365	0.9556		20.4	20.0	2.0	30.0
n-Heptane	Ave	0.3015	0.2559		17.0	20.0	-15.1	30.0
n-Butanol	Ave	1.624	1.475		454	500	-9.2	30.0
Trichloroethene	Ave	0.4084	0.3568	0.2000	17.5	20.0	-12.6	30.0
Ethyl acrylate	Ave	0.3606	0.3687		20.4	20.0	2.2	30.0
Methylcyclohexane	Ave	0.5243	0.4649	0.1000	17.7	20.0	-11.3	30.0
1,2-Dichloropropane	Ave	0.3276	0.2852	0.1000	17.4	20.0	-12.9	30.0
Methyl methacrylate	Ave	0.0800	0.0793		39.6	40.0	-0.9	30.0
1,4-Dioxane	Ave	1.159	1.080		373	400	-6.8	30.0
Dibromomethane	Ave	0.2302	0.2064		17.9	20.0	-10.3	30.0
n-Propyl acetate	Ave	0.3979	0.3274		16.5	20.0	-17.7	30.0
Dichlorobromomethane	Ave	0.5267	0.4656	0.2000	17.7	20.0	-11.6	30.0
2-Nitropropane	Ave	0.0936	0.0834		35.6	40.0	-11.0	30.0
Epichlorohydrin	QuaF		0.2096		8.60	20.0	-57.0*	30.0
cis-1,3-Dichloropropene	Ave	0.7297	0.6302	0.2000	17.3	20.0	-13.6	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2378	0.2206	0.0500	92.8	100	-7.2	30.0
Toluene	Ave	1.883	1.666	0.4000	17.7	20.0	-11.5	30.0
trans-1,3-Dichloropropene	Ave	0.6689	0.6401	0.1000	19.1	20.0	-4.3	30.0
Ethyl methacrylate	Ave	0.5025	0.4529		18.0	20.0	-9.9	30.0
1,1,2-Trichloroethane	Ave	0.3091	0.2810	0.1000	18.2	20.0	-9.1	30.0
Tetrachloroethene	Ave	0.5767	0.5044	0.2000	17.5	20.0	-12.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: ICV 460-1032501/22 Calibration Date: 04/19/2025 13:06

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T689621.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.6660	0.6140		18.4	20.0	-7.8	30.0
2-Hexanone	Ave	0.1689	0.1564	0.0500	92.6	100	-7.4	30.0
n-Butyl acetate	QuaF		0.4482		19.1	20.0	-4.4	30.0
Chlorodibromomethane	Ave	0.4493	0.4250	0.1000	18.9	20.0	-5.4	30.0
Ethylene Dibromide	Ave	0.4013	0.3594	0.1000	17.9	20.0	-10.4	30.0
Chlorobenzene	Ave	1.245	1.129	0.5000	18.1	20.0	-9.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4811	0.4402		18.3	20.0	-8.5	30.0
Ethylbenzene	Ave	0.6880	0.6430	0.1000	18.7	20.0	-6.5	30.0
m-Xylene & p-Xylene	Ave	0.8310	0.7538	0.1000	18.1	20.0	-9.3	30.0
n-Butyl acrylate	Ave	0.2834	0.2581		18.2	20.0	-8.9	30.0
o-Xylene	Ave	0.8030	0.7403	0.3000	18.4	20.0	-7.8	30.0
Styrene	Ave	1.264	1.175	0.3000	18.6	20.0	-7.0	30.0
Amyl acetate (mixed isomers)	Ave	0.9245	0.8345		18.1	20.0	-9.7	30.0
Bromoform	Ave	0.3088	0.2738	0.1000	17.7	20.0	-11.3	30.0
Isopropylbenzene	Ave	1.930	1.973	0.1000	20.5	20.0	2.3	30.0
Bromobenzene	Ave	0.9524	0.8688		18.2	20.0	-8.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7516	0.7036	0.3000	18.7	20.0	-6.4	30.0
1,2,3-Trichloropropane	Ave	0.2934	0.2660		18.1	20.0	-9.4	30.0
N-Propylbenzene	Ave	4.110	3.997		19.5	20.0	-2.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2586	0.2388		18.5	20.0	-7.7	30.0
2-Chlorotoluene	Ave	3.017	2.822		18.7	20.0	-6.5	30.0
4-Ethyltoluene	Ave	3.440	3.317		19.3	20.0	-3.6	30.0
1,3,5-Trimethylbenzene	Ave	3.022	2.854		18.9	20.0	-5.6	30.0
4-Chlorotoluene	Ave	2.879	2.604		18.1	20.0	-9.5	30.0
Butyl Methacrylate	Ave	0.8677	0.8309		19.2	20.0	-4.2	30.0
tert-Butylbenzene	Ave	2.576	2.381		18.5	20.0	-7.6	30.0
1,2,4-Trimethylbenzene	Ave	3.082	2.908		18.9	20.0	-5.7	30.0
sec-Butylbenzene	Ave	3.437	3.276		19.1	20.0	-4.7	30.0
1,3-Dichlorobenzene	Ave	1.688	1.565	0.6000	18.6	20.0	-7.2	30.0
4-Isopropyltoluene	Ave	3.058	2.861		18.7	20.0	-6.4	30.0
1,4-Dichlorobenzene	Ave	1.735	1.596	0.5000	18.4	20.0	-8.0	30.0
1,2,3-Trimethylbenzene	Ave	3.119	3.111		20.0	20.0	-0.2	30.0
Benzyl chloride	Ave	1.632	1.683		20.6	20.0	3.1	30.0
Indan	Ave	2.578	2.613		20.3	20.0	1.4	30.0
p-Diethylbenzene	Ave	1.777	1.680		18.9	20.0	-5.5	30.0
n-Butylbenzene	Ave	1.435	1.388		19.4	20.0	-3.2	30.0
1,2-Dichlorobenzene	Ave	1.551	1.429	0.4000	18.4	20.0	-7.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.655	2.510		18.9	20.0	-5.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1762	0.1613	0.0500	18.3	20.0	-8.5	30.0
1,3,5-Trichlorobenzene	Ave	1.082	1.056		19.5	20.0	-2.4	30.0
1,2,4-Trichlorobenzene	Ave	0.9208	0.8027	0.2000	17.4	20.0	-12.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: ICV 460-1032501/22 Calibration Date: 04/19/2025 13:06

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T689621.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	QuaF		0.4444		17.8	20.0	-10.9	30.0
Naphthalene	Ave	2.169	1.842		17.0	20.0	-15.1	30.0
1,2,3-Trichlorobenzene	Ave	0.7757	0.6336		16.3	20.0	-18.3	30.0
Dibromofluoromethane (Surr)	Ave	0.2888	0.2805		48.6	50.0	-2.9	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3701	0.3634		49.1	50.0	-1.8	30.0
Toluene-d8 (Surr)	Ave	1.219	1.230		50.4	50.0	0.9	30.0
4-Bromofluorobenzene	Ave	0.4405	0.4334		49.2	50.0	-1.6	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689621.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 19-Apr-2025 13:06:35 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 460-0189481-022
Operator ID: Instrument ID: CVOAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:11:52 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: NN6A Date: 21-Apr-2025 14:12:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.512	1.512	0.000	72	2986	20.0	21.7	
3 Chlorotrifluoroethene	116	1.638	1.633	0.005	95	15991	20.0	19.8	
2 1,1-Difluoroethane	65	1.653	1.648	0.005	91	24675	20.0	20.2	
4 Dichlorodifluoromethane	85	1.674	1.669	0.005	99	90407	20.0	16.8	
5 Chlorodifluoromethane	67	1.701	1.695	0.006	96	10990	20.0	16.5	
6 Chloromethane	50	1.879	1.874	0.005	99	73829	20.0	17.0	
7 Vinyl chloride	62	1.984	1.979	0.005	98	73260	20.0	19.4	
8 Butadiene	54	2.015	2.015	0.000	95	70001	20.0	18.9	
9 Bromomethane	94	2.325	2.319	0.006	96	46687	20.0	23.2	
10 Chloroethane	64	2.424	2.424	0.000	98	42033	20.0	18.1	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	99	134802	20.0	18.1	
12 Trichlorofluoromethane	101	2.644	2.644	0.000	99	129992	20.0	17.9	
13 Pentane	72	2.702	2.702	0.000	95	18252	40.0	27.8	
14 Ethanol	46	2.828	2.838	-0.010	96	8027	800.0	804.5	
15 Ethyl ether	59	2.917	2.917	0.000	92	46515	20.0	15.8	
17 2-Methyl-1,3-butadiene	53	2.943	2.938	0.005	86	49623	20.0	16.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.959	2.954	0.005	94	61053	20.0	19.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.017	3.011	0.006	95	86672	20.0	18.7	
19 Acrolein	56	3.090	3.090	0.000	94	15203	39.5	31.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.122	3.116	0.006	97	63419	20.0	17.6	
20 1,1-Dichloroethene	96	3.158	3.153	0.005	99	58478	20.0	16.9	
22 Acetone	43	3.232	3.226	0.006	87	82896	100.0	81.0	
25 Isopropyl alcohol	45	3.321	3.321	0.000	56	33259	200.0	186.5	
23 Iodomethane	142	3.331	3.326	0.005	98	65391	20.0	14.1	
24 Carbon disulfide	76	3.378	3.379	0.000	99	178433	20.0	16.6	
28 Methyl acetate	43	3.520	3.520	0.000	86	72226	40.0	33.9	
27 3-Chloro-1-propene	76	3.515	3.525	-0.010	85	37702	20.0	19.8	
26 Acetonitrile	41	3.557	3.546	0.011	70	79460	200.0	78.8	
29 Cyclopentene	67	3.562	3.562	0.000	85	119533	20.0	12.6	
* 31 TBA-d9 (IS)	66	3.620	3.620	0.000	99	48761	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.656	3.662	-0.006	87	65318	20.0	17.8	
32 2-Methyl-2-propanol	59	3.704	3.709	-0.005	98	57192	200.0	172.2	
35 Methyl tert-butyl ether	73	3.861	3.856	0.005	95	199929	20.0	18.4	
34 trans-1,2-Dichloroethene	96	3.892	3.892	0.000	94	65978	20.0	17.1	
33 Acrylonitrile	53	3.934	3.940	-0.006	93	185655	200.0	179.8	
36 Hexane	57	4.102	4.097	0.005	90	72330	20.0	17.4	
40 Isopropyl ether	45	4.327	4.328	-0.001	92	180558	20.0	19.4	
37 1,1-Dichloroethane	63	4.348	4.343	0.005	79	120557	20.0	17.9	
38 Vinyl acetate	86	4.364	4.364	0.000	99	31061	40.0	21.1	
39 2-Chloro-1,3-butadiene	88	4.417	4.417	0.000	92	65118	20.0	19.3	
41 Tert-butyl ethyl ether	59	4.705	4.700	0.005	88	210048	20.0	19.6	
* 42 2-Butanone-d5	46	4.899	4.899	0.000	65	207635	250.0	250.0	
44 2,2-Dichloropropane	97	4.941	4.941	0.000	91	26679	20.0	19.1	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	75	76927	20.0	18.1	
45 2-Butanone (MEK)	72	4.967	4.962	0.005	98	37037	100.0	88.6	
47 Ethyl acetate	70	4.978	4.983	-0.005	94	14617	40.0	18.9	
48 Methyl acrylate	55	5.046	5.041	0.005	99	48600	20.0	17.1	
46 Propionitrile	54	5.098	5.093	0.005	96	77688	200.0	187.1	a
49 Chlorobromomethane	128	5.224	5.224	0.000	51	34603	20.0	17.8	
50 Methacrylonitrile	67	5.235	5.235	0.000	90	270496	200.0	203.5	
51 Tetrahydrofuran	72	5.235	5.245	-0.010	27	16364	40.0	18.7	
52 Chloroform	83	5.287	5.282	0.005	100	138508	20.0	17.8	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.471	0.000	96	154543	50.0	48.6	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	94	138083	20.0	18.0	
55 Cyclohexane	84	5.486	5.491	-0.005	83	98378	20.0	17.8	
56 Carbon tetrachloride	117	5.638	5.633	0.005	99	115267	20.0	17.7	
57 1,1-Dichloropropene	75	5.664	5.665	0.000	96	100224	20.0	17.3	
59 Isobutyl alcohol	43	5.759	5.764	-0.005	98	47587	500.0	428.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.885	5.885	0.000	91	200241	50.0	49.1	
60 Benzene	78	5.895	5.895	0.000	95	269731	20.0	18.2	
62 Isooctane	57	5.895	5.900	-0.005	62	149636	20.0	19.3	
63 Isopropyl acetate	61	5.948	5.963	-0.015	97	30747	20.0	17.5	
61 1,2-Dichloroethane	62	5.979	5.979	0.000	74	111265	20.0	16.8	
64 Tert-amyl methyl ether	73	5.979	5.979	0.000	97	210634	20.0	20.4	
66 n-Heptane	43	6.110	6.121	-0.011	87	56406	20.0	17.0	
* 65 Fluorobenzene	96	6.236	6.231	0.005	98	551033	50.0	50.0	
68 n-Butanol	56	6.556	6.556	0.000	87	35956	500.0	454.1	
67 Trichloroethene	95	6.666	6.666	0.000	99	78644	20.0	17.5	
69 Ethyl acrylate	55	6.792	6.787	0.005	98	81267	20.0	20.4	
70 Methylcyclohexane	83	6.844	6.834	0.010	94	102475	20.0	17.7	
71 1,2-Dichloropropane	63	6.991	6.986	0.005	85	62868	20.0	17.4	
* 73 1,4-Dioxane-d8	96	7.054	7.054	0.000	1	35274	1000.0	1000.0	
75 Methyl methacrylate	100	7.091	7.085	0.006	86	34973	40.0	39.6	
74 1,4-Dioxane	88	7.127	7.112	0.015	56	15239	400.0	372.6	
72 Dibromomethane	93	7.138	7.143	-0.005	95	45494	20.0	17.9	
76 n-Propyl acetate	43	7.159	7.154	0.005	96	72166	20.0	16.5	
77 Dichlorobromomethane	83	7.321	7.321	0.000	97	102634	20.0	17.7	
78 2-Nitropropane	41	7.704	7.704	0.000	94	36756	40.0	35.6	
80 Epichlorohydrin	57	7.840	7.846	-0.006	62	3481	20.0	8.60	
81 cis-1,3-Dichloropropene	75	7.935	7.935	0.000	92	111178	20.0	17.3	
82 4-Methyl-2-pentanone (MIBK)	43	8.129	8.129	0.000	94	243079	100.0	92.8	
$ 83 Toluene-d8 (Surr)	98	8.255	8.249	0.006	97	542511	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.349	8.344	0.005	94	293990	20.0	17.7	
85 trans-1,3-Dichloropropene	75	8.742	8.737	0.005	95	112927	20.0	19.1	
86 Ethyl methacrylate	69	8.795	8.789	0.006	85	79904	20.0	18.0	
87 1,1,2-Trichloroethane	83	8.994	8.994	0.000	92	49570	20.0	18.2	
88 Tetrachloroethene	166	9.104	9.099	0.005	96	88990	20.0	17.5	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	92	108332	20.0	18.4	
90 2-Hexanone	43	9.335	9.340	-0.005	94	172400	100.0	92.6	
93 n-Butyl acetate	43	9.497	9.487	0.010	97	79084	20.0	19.1	
91 Chlorodibromomethane	129	9.539	9.529	0.010	96	74976	20.0	18.9	
92 Ethylene Dibromide	107	9.728	9.728	0.000	99	63417	20.0	17.9	
* 94 Chlorobenzene-d5	117	10.415	10.415	0.000	88	441075	50.0	50.0	
95 Chlorobenzene	112	10.462	10.457	0.005	94	199153	20.0	18.1	
97 Ethylbenzene	106	10.603	10.598	0.005	98	113444	20.0	18.7	
96 1,1,1,2-Tetrachloroethane	131	10.603	10.604	-0.001	44	77673	20.0	18.3	
98 m-Xylene & p-Xylene	106	10.792	10.792	0.000	92	132994	20.0	18.1	
101 n-Butyl acrylate	73	11.390	11.395	-0.005	96	45539	20.0	18.2	
99 o-Xylene	106	11.411	11.411	0.000	93	130609	20.0	18.4	
100 Styrene	104	11.448	11.442	0.006	93	207392	20.0	18.6	
102 Bromoform	173	11.710	11.705	0.005	69	48311	20.0	17.7	
103 Amyl acetate (mixed isomers)	43	11.710	11.715	-0.005	92	85733	20.0	18.1	
104 Isopropylbenzene	105	11.904	11.904	0.000	96	348165	20.0	20.5	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	89	191146	50.0	49.2	
106 Bromobenzene	156	12.313	12.308	0.005	93	89254	20.0	18.2	
107 1,1,2,2-Tetrachloroethane	83	12.349	12.355	-0.006	94	72289	20.0	18.7	
108 1,2,3-Trichloropropane	110	12.407	12.412	-0.005	59	27328	20.0	18.1	
110 N-Propylbenzene	91	12.418	12.418	0.000	99	410671	20.0	19.5	
109 trans-1,4-Dichloro-2-butene	53	12.433	12.428	0.005	55	24531	20.0	18.5	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	94	289885	20.0	18.7	
112 4-Ethyltoluene	105	12.554	12.554	0.000	97	340808	20.0	19.3	
114 1,3,5-Trimethylbenzene	105	12.633	12.633	0.000	92	293230	20.0	18.9	
113 4-Chlorotoluene	91	12.664	12.669	-0.005	98	267545	20.0	18.1	M
115 Butyl Methacrylate	87	12.748	12.748	0.000	87	85370	20.0	19.2	
116 tert-Butylbenzene	119	12.973	12.973	0.000	92	244575	20.0	18.5	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	97	298722	20.0	18.9	
118 sec-Butylbenzene	105	13.204	13.204	0.000	97	336579	20.0	19.1	
119 1,3-Dichlorobenzene	146	13.340	13.335	0.005	95	160827	20.0	18.6	
122 4-Isopropyltoluene	119	13.351	13.351	0.000	95	293976	20.0	18.7	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	95	256845	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.435	13.440	-0.005	91	164002	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	99	319596	20.0	20.0	
124 Benzyl chloride	91	13.576	13.576	0.000	99	172916	20.0	20.6	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	93	268447	20.0	20.3	
127 p-Diethylbenzene	119	13.723	13.723	0.000	92	172609	20.0	18.9	
128 n-Butylbenzene	92	13.744	13.744	0.000	97	142634	20.0	19.4	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	95	146787	20.0	18.4	
130 1,2,4,5-Tetramethylbenzene	119	14.426	14.426	0.000	96	257867	20.0	18.9	
129 1,2-Dibromo-3-Chloropropane	157	14.499	14.504	-0.005	95	16568	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	14.641	14.641	0.000	97	108450	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	94	82471	20.0	17.4	
133 Hexachlorobutadiene	225	15.249	15.244	0.005	79	45652	20.0	17.8	
134 Naphthalene	128	15.348	15.349	-0.001	99	189281	20.0	17.0	
135 1,2,3-Trichlorobenzene	180	15.548	15.548	0.000	97	65096	20.0	16.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.2	
S 137 Xylenes, Total	100				0		40.0	36.6	
S 140 Total BTEX	1				0		100.0	91.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

7 Freons SS_00026	Amount Added:	20.00	Units: uL	
8260 SP_00191	Amount Added:	20.00	Units: uL	
GAS C SP_00619	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00176	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:12:38 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689621.D

Injection Date: 19-Apr-2025 13:06:35 Instrument ID: CVOAMS15

Lims ID: ICV

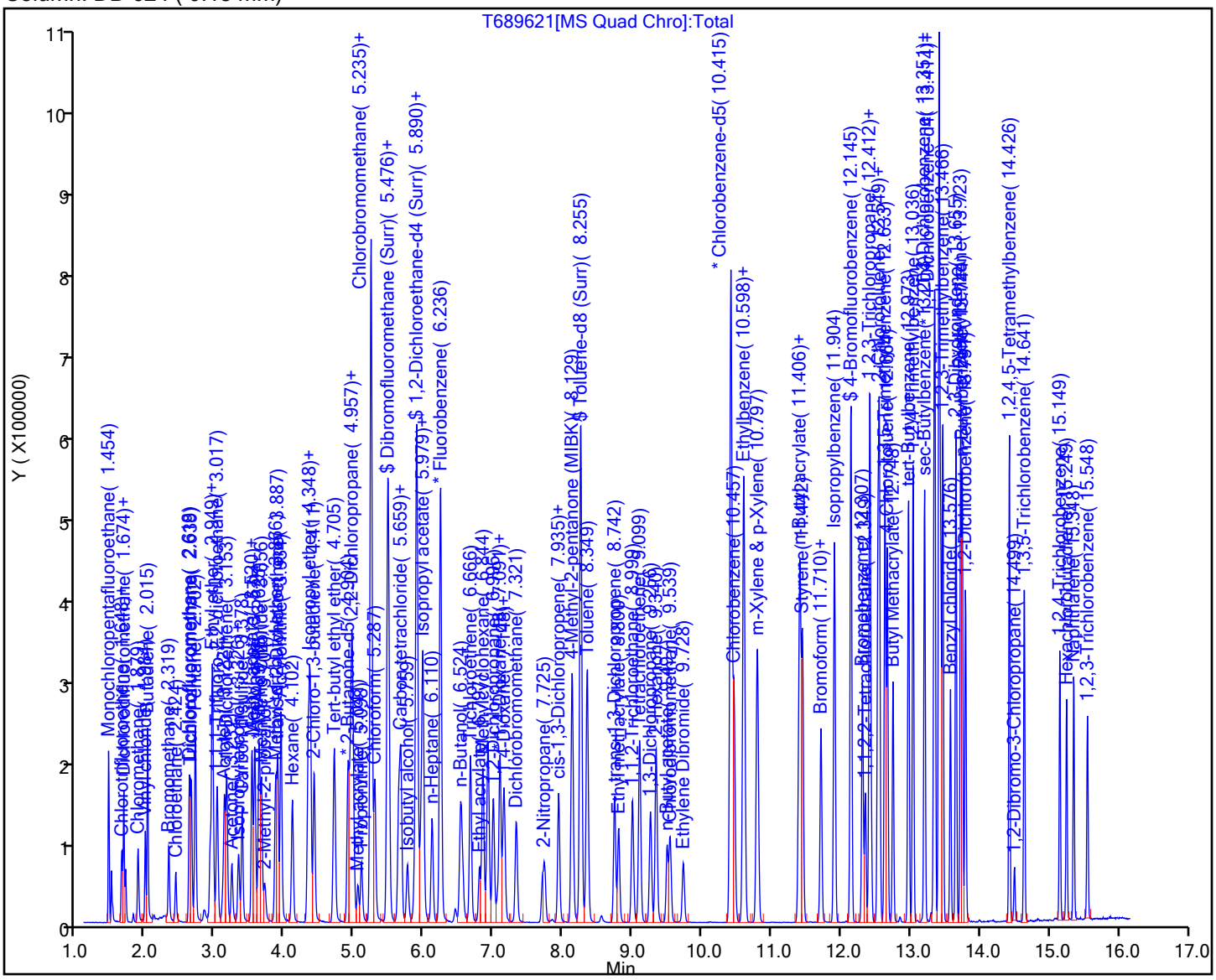
Client ID:

Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

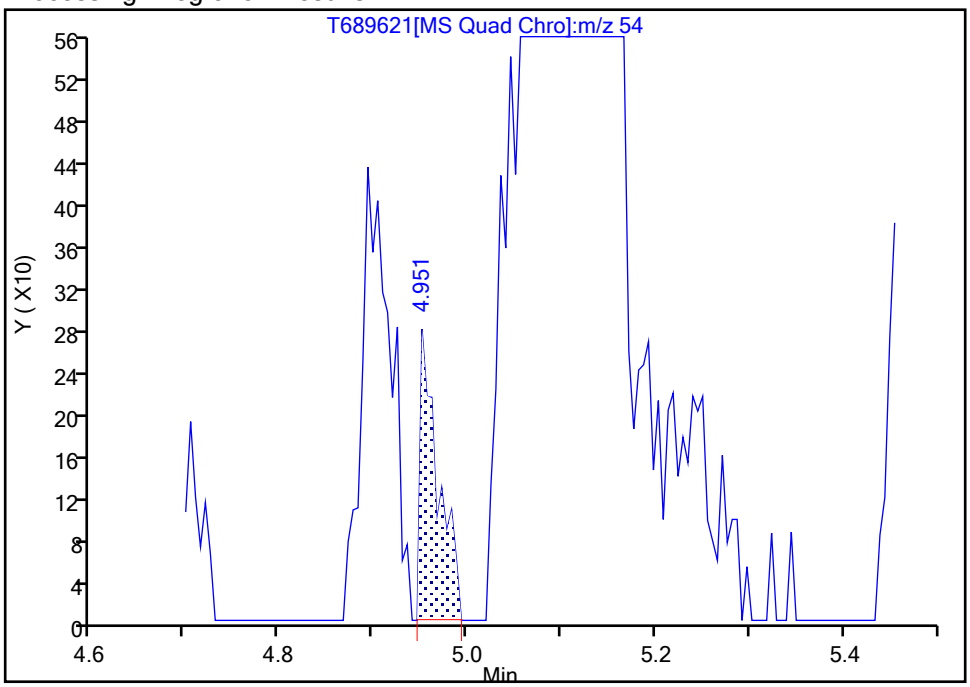
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689621.D
Injection Date: 19-Apr-2025 13:06:35 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

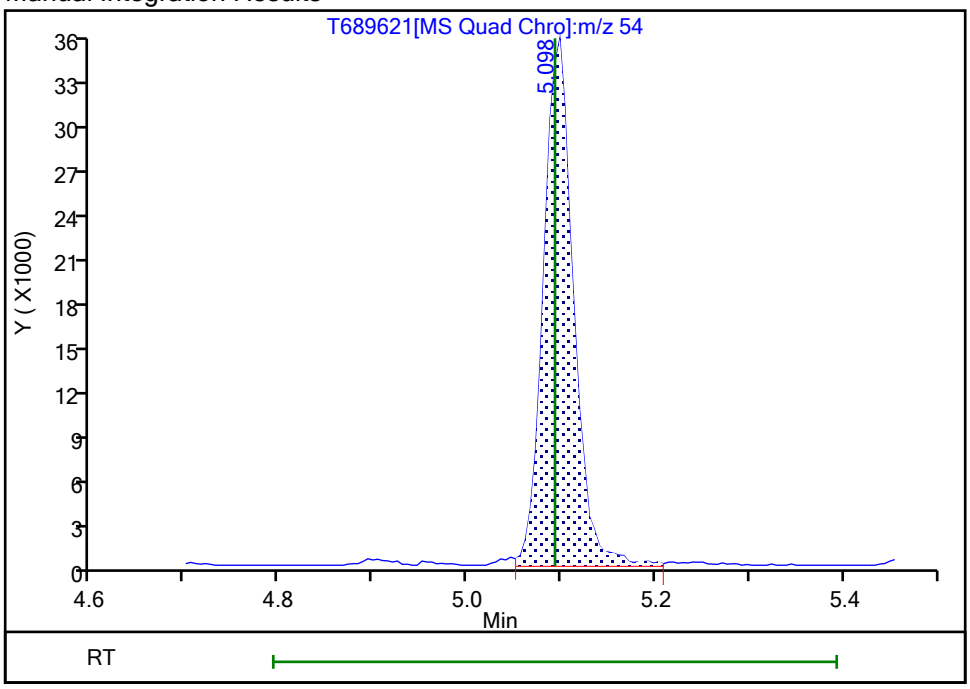
Processing Integration Results

RT: 4.95
Area: 368
Amount: 0.886416
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 77688
Amount: 187.1300
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:49:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

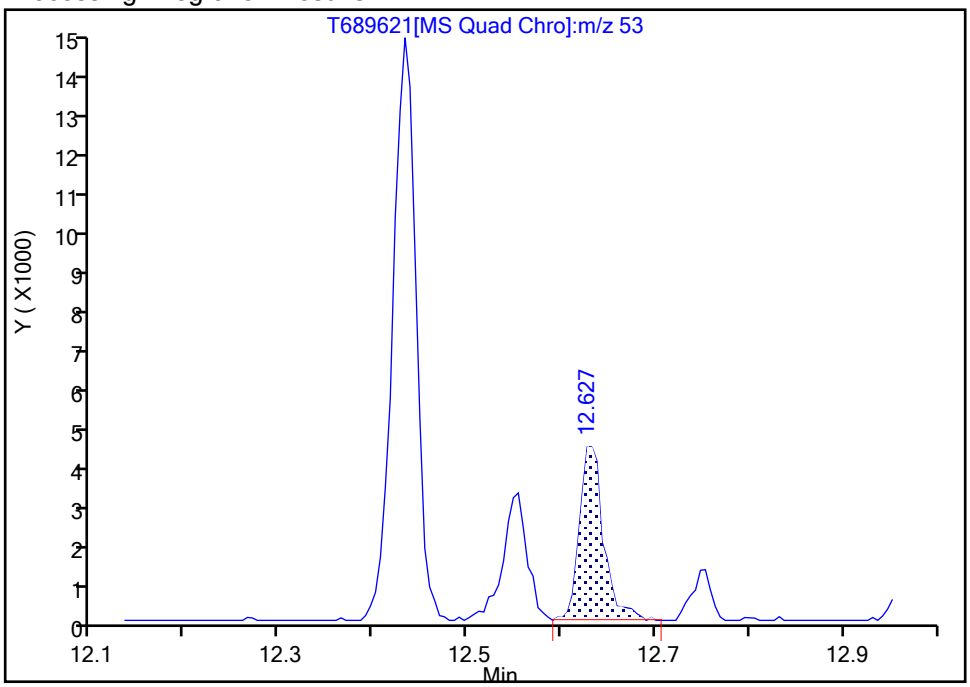
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689621.D
Injection Date: 19-Apr-2025 13:06:35 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

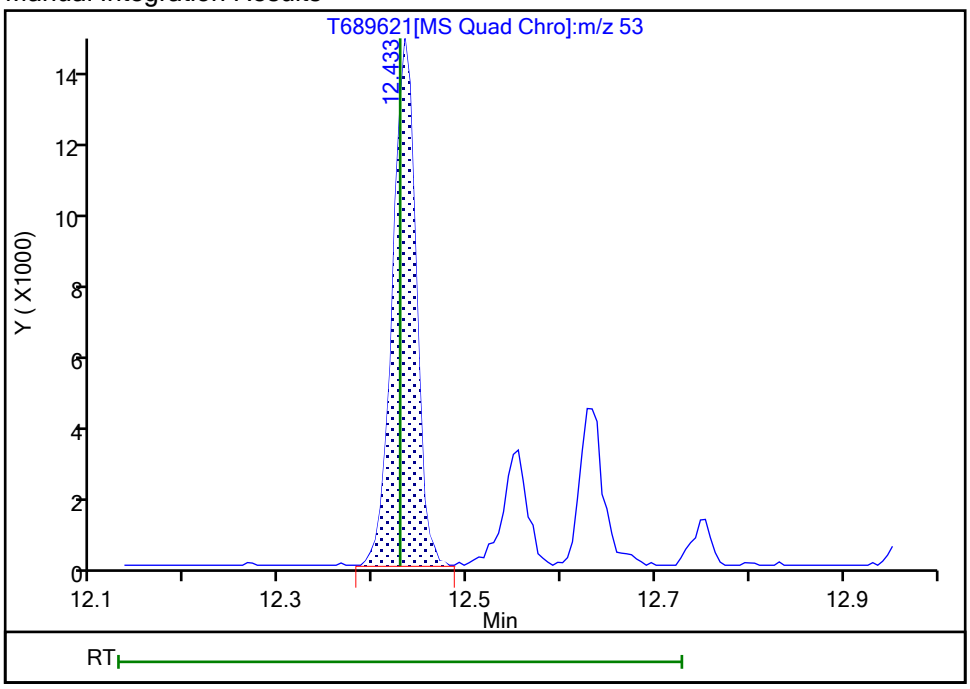
Processing Integration Results

RT: 12.63
Area: 7562
Amount: 5.692884
Amount Units: ug/l



Manual Integration Results

RT: 12.43
Area: 24531
Amount: 18.467621
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:50:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

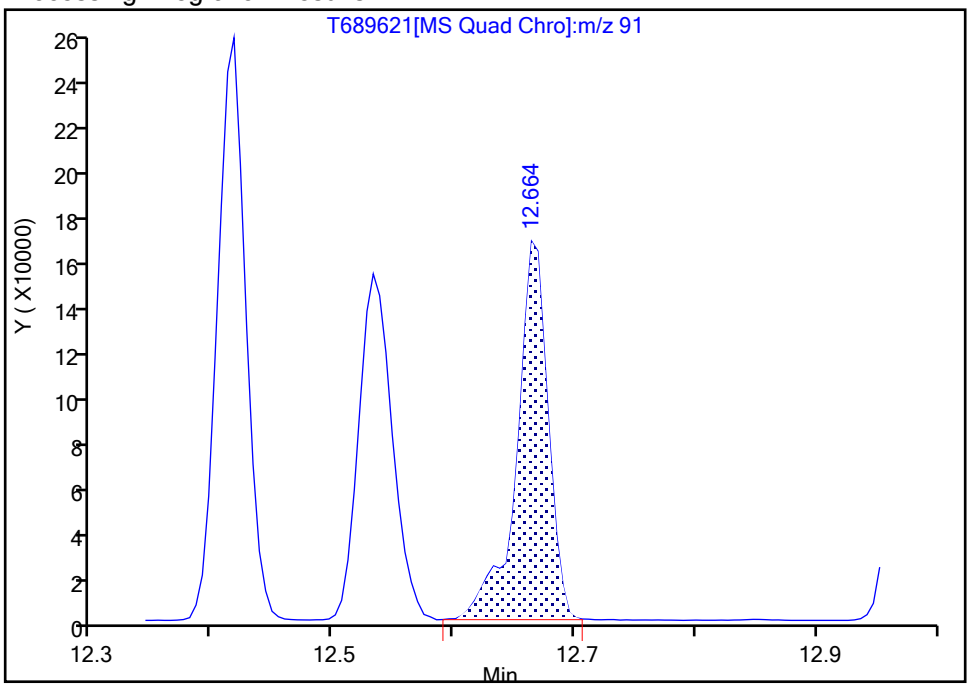
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689621.D
Injection Date: 19-Apr-2025 13:06:35 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

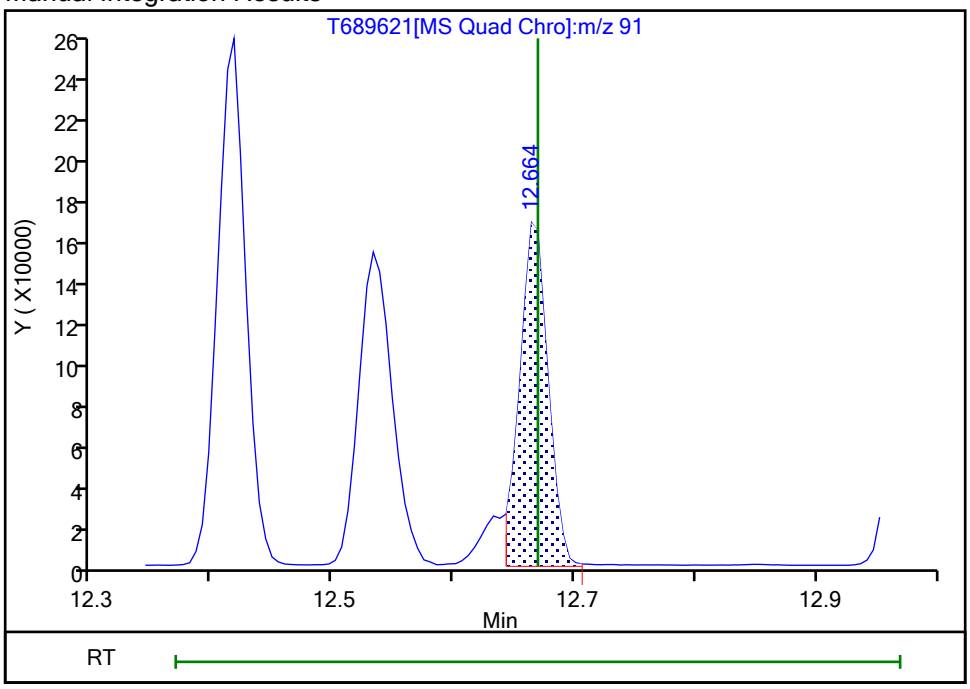
Processing Integration Results

RT: 12.66
Area: 297615
Amount: 20.124415
Amount Units: ug/l



Manual Integration Results

RT: 12.66
Area: 267545
Amount: 18.091113
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:50:25 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: CCVIS 460-1036114/2 Calibration Date: 05/07/2025 18:14

Instrument ID: CVOAMS15 Calib Start Date: 03/25/2025 19:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/25/2025 22:44

Lab File ID: T690541.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloroethyl vinyl ether	Ave				1.00	20.0		

Report Date: 08-May-2025 11:28:59 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-May-2025 18:14:44 ALS Bottle#: 30 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0190476-002
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:28:59 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 06:51:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.543	1.543	0.000	43	1380	20.0	13.8	
3 Chlorotrifluoroethene	116	1.669	1.669	0.000	67	3301	20.0	5.62	
2 1,1-Difluoroethane	65	1.685	1.685	0.000	94	19809	20.0	22.3	
4 Dichlorodifluoromethane	85	1.706	1.706	0.000	99	68576	20.0	17.6	
5 Chlorodifluoromethane	67	1.732	1.732	0.000	97	8922	20.0	18.4	
6 Chloromethane	50	1.916	1.916	0.000	100	69191	20.0	21.9	
7 Vinyl chloride	62	2.020	2.020	0.000	99	69591	20.0	25.3	
8 Butadiene	54	2.052	2.052	0.000	96	64464	20.0	23.9	
9 Bromomethane	94	2.361	2.361	0.000	96	14336	20.0	9.67	
10 Chloroethane	64	2.461	2.461	0.000	100	38908	20.0	23.0	
11 Dichlorofluoromethane	67	2.660	2.660	0.000	99	105902	20.0	19.6	
12 Trichlorofluoromethane	101	2.686	2.686	0.000	98	89353	20.0	16.9	
13 Pentane	72	2.749	2.749	0.000	96	14975	40.0	31.4	
14 Ethanol	46	2.880	2.880	0.000	98	8411	800.0	1498.0	
15 Ethyl ether	59	2.964	2.964	0.000	90	39063	20.0	18.3	
17 2-Methyl-1,3-butadiene	53	2.990	2.990	0.000	86	42321	20.0	19.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	3.006	3.006	0.000	93	43891	20.0	18.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.064	3.064	0.000	96	68263	20.0	20.3	
19 Acrolein	56	3.142	3.142	0.000	97	12906	40.0	36.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.174	3.174	0.000	94	42413	20.0	16.2	
20 1,1-Dichloroethene	96	3.205	3.205	0.000	98	48536	20.0	19.4	
22 Acetone	43	3.284	3.284	0.000	86	69846	100.0	94.0	
25 Isopropyl alcohol	45	3.373	3.373	0.000	72	26089	200.0	260.0	
23 Iodomethane	142	3.378	3.378	0.000	97	35004	20.0	10.4	
24 Carbon disulfide	76	3.431	3.431	0.000	99	140901	20.0	18.0	
27 3-Chloro-1-propene	76	3.572	3.572	0.000	90	29917	20.0	21.7	
28 Methyl acetate	43	3.572	3.572	0.000	89	66409	40.0	42.9	
26 Acetonitrile	41	3.609	3.609	0.000	72	87249	200.0	89.5	
29 Cyclopentene	67	3.614	3.614	0.000	85	133119	20.0	19.3	
* 31 TBA-d9 (IS)	66	3.677	3.677	0.000	98	27439	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.709	3.709	0.000	88	55825	20.0	20.9	
32 2-Methyl-2-propanol	59	3.761	3.761	0.000	95	35674	200.0	190.9	
35 Methyl tert-butyl ether	73	3.918	3.918	0.000	96	132047	20.0	16.7	
34 trans-1,2-Dichloroethene	96	3.950	3.950	0.000	93	53429	20.0	19.1	
33 Acrylonitrile	53	3.992	3.992	0.000	94	173919	200.0	231.8	
36 Hexane	57	4.160	4.160	0.000	93	47510	20.0	15.7	
40 Isopropyl ether	45	4.390	4.390	0.000	92	147698	20.0	21.8	
37 1,1-Dichloroethane	63	4.411	4.411	0.000	80	92735	20.0	18.9	
38 Vinyl acetate	86	4.422	4.422	0.000	99	15907	40.0	11.1	
39 2-Chloro-1,3-butadiene	88	4.474	4.474	0.000	89	45157	20.0	18.4	
41 Tert-butyl ethyl ether	59	4.763	4.763	0.000	91	131676	20.0	16.9	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	53	201345	250.0	250.0	sa
44 2,2-Dichloropropane	97	5.004	5.004	0.000	90	16924	20.0	16.6	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	69	57922	20.0	18.7	
45 2-Butanone (MEK)	72	5.025	5.025	0.000	99	29093	100.0	96.2	
46 Propionitrile	54	5.156	5.156	0.000	98	67425	200.0	223.5	
47 Ethyl acetate	70	5.046	5.046	0.000	96	11282	40.0	15.0	
48 Methyl acrylate	55	5.109	5.109	0.000	99	37426	20.0	18.1	
49 Chlorobromomethane	128	5.287	5.287	0.000	50	24403	20.0	17.3	
51 Tetrahydrofuran	72	5.297	5.297	0.000	27	12406	40.0	14.6	
50 Methacrylonitrile	67	5.297	5.297	0.000	93	204286	200.0	211.5	
52 Chloroform	83	5.350	5.350	0.000	99	99698	20.0	17.6	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	96362	50.0	41.7	
54 1,1,1-Trichloroethane	97	5.544	5.544	0.000	96	90871	20.0	16.3	
55 Cyclohexane	84	5.554	5.554	0.000	87	68042	20.0	17.0	
56 Carbon tetrachloride	117	5.701	5.701	0.000	98	75698	20.0	16.0	
57 1,1-Dichloropropene	75	5.727	5.727	0.000	97	74945	20.0	17.8	
59 Isobutyl alcohol	43	5.822	5.822	0.000	97	40231	500.0	643.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	80	125260	50.0	42.3	
62 Isooctane	57	5.958	5.958	0.000	54	79043	20.0	14.0	
60 Benzene	78	5.958	5.958	0.000	95	216049	20.0	22.7	
63 Isopropyl acetate	61	6.010	6.010	0.000	97	23049	20.0	18.1	a
61 1,2-Dichloroethane	62	6.047	6.047	0.000	80	72903	20.0	15.1	
64 Tert-amyl methyl ether	73	6.042	6.042	0.000	96	129087	20.0	17.2	
66 n-Heptane	43	6.178	6.178	0.000	92	36818	20.0	15.2	
* 65 Fluorobenzene	96	6.299	6.299	0.000	98	400409	50.0	50.0	
68 n-Butanol	56	6.619	6.619	0.000	92	24672	500.0	553.8	
67 Trichloroethene	95	6.734	6.734	0.000	98	59241	20.0	18.1	
69 Ethyl acrylate	55	6.860	6.860	0.000	99	50084	20.0	17.3	
70 Methylcyclohexane	83	6.912	6.912	0.000	95	66325	20.0	15.8	
71 1,2-Dichloropropane	63	7.064	7.064	0.000	87	50869	20.0	19.4	
* 73 1,4-Dioxane-d8	96	7.122	7.122	0.000	1	24170	1000.0	1000.0	
75 Methyl methacrylate	100	7.159	7.159	0.000	87	24222	40.0	37.8	
74 1,4-Dioxane	88	7.190	7.190	0.000	80	12266	400.0	437.7	
72 Dibromomethane	93	7.211	7.211	0.000	83	32047	20.0	17.4	
76 n-Propyl acetate	43	7.227	7.227	0.000	98	66988	20.0	21.0	
77 Dichlorobromomethane	83	7.400	7.400	0.000	98	67451	20.0	16.0	
78 2-Nitropropane	41	7.777	7.777	0.000	90	18856	40.0	25.1	
80 Epichlorohydrin	57	7.914	7.914	0.000	99	60850	400.0	156.1	
81 cis-1,3-Dichloropropene	75	8.003	8.003	0.000	92	85974	20.0	20.7	
82 4-Methyl-2-pentanone (MIBK)	43	8.197	8.197	0.000	97	205354	100.0	107.8	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	98	372130	50.0	53.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.417	8.417	0.000	93	223958	20.0	20.9	
85 trans-1,3-Dichloropropene	75	8.810	8.810	0.000	95	72094	20.0	19.0	
86 Ethyl methacrylate	69	8.868	8.868	0.000	88	59962	20.0	21.0	
87 1,1,2-Trichloroethane	83	9.072	9.072	0.000	95	37647	20.0	21.4	
88 Tetrachloroethene	166	9.172	9.172	0.000	91	53950	20.0	16.5	
89 1,3-Dichloropropane	76	9.329	9.329	0.000	89	80640	20.0	21.3	
90 2-Hexanone	43	9.408	9.408	0.000	96	139899	100.0	103.4	
93 n-Butyl acetate	43	9.565	9.565	0.000	97	62657	20.0	23.5	
91 Chlorodibromomethane	129	9.612	9.612	0.000	96	46629	20.0	18.3	
92 Ethylene Dibromide	107	9.801	9.801	0.000	99	43915	20.0	19.3	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	88	284183	50.0	50.0	
95 Chlorobenzene	112	10.535	10.535	0.000	93	142689	20.0	20.2	
97 Ethylbenzene	106	10.672	10.672	0.000	98	78864	20.0	20.2	
96 1,1,1,2-Tetrachloroethane	131	10.672	10.672	0.000	41	48500	20.0	17.7	
98 m-Xylene & p-Xylene	106	10.866	10.866	0.000	92	93025	20.0	19.7	
101 n-Butyl acrylate	73	11.453	11.453	0.000	96	31836	20.0	19.8	
99 o-Xylene	106	11.474	11.474	0.000	93	90959	20.0	19.9	
100 Styrene	104	11.510	11.510	0.000	93	146786	20.0	20.4	
102 Bromoform	173	11.773	11.773	0.000	61	26510	20.0	15.1	
103 Amyl acetate (mixed isomers)	43	11.773	11.773	0.000	90	64876	20.0	24.2	
104 Isopropylbenzene	105	11.961	11.961	0.000	96	219590	20.0	20.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	84	105588	50.0	42.2	
106 Bromobenzene	156	12.365	12.365	0.000	98	54441	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	12.402	12.402	0.000	93	48621	20.0	22.3	
108 1,2,3-Trichloropropane	110	12.454	12.454	0.000	62	19135	20.0	22.5	
110 N-Propylbenzene	91	12.465	12.465	0.000	98	285795	20.0	24.0	
111 2-Chlorotoluene	91	12.585	12.585	0.000	96	198400	20.0	22.7	
112 4-Ethyltoluene	105	12.601	12.601	0.000	96	228868	20.0	22.9	
114 1,3,5-Trimethylbenzene	105	12.680	12.680	0.000	90	191268	20.0	21.8	
113 4-Chlorotoluene	91	12.716	12.716	0.000	99	199867	20.0	23.9	
109 trans-1,4-Dichloro-2-butene	53	12.486	12.486	0.000	56	13572	20.0	18.1	a
115 Butyl Methacrylate	87	12.795	12.795	0.000	88	52982	20.0	21.1	
116 tert-Butylbenzene	119	13.015	13.015	0.000	87	158383	20.0	21.2	
117 1,2,4-Trimethylbenzene	105	13.083	13.083	0.000	97	195163	20.0	21.8	
118 sec-Butylbenzene	105	13.246	13.246	0.000	98	222409	20.0	22.3	
119 1,3-Dichlorobenzene	146	13.382	13.382	0.000	93	99588	20.0	20.3	
122 4-Isopropyltoluene	119	13.398	13.398	0.000	93	193518	20.0	21.8	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	97	145019	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.482	13.482	0.000	92	100625	20.0	20.0	
123 1,2,3-Trimethylbenzene	105	13.508	13.508	0.000	99	195349	20.0	21.6	
124 Benzyl chloride	91	13.618	13.618	0.000	98	75880	20.0	16.0	
125 2,3-Dihydroindene	117	13.697	13.697	0.000	89	162689	20.0	21.8	
127 p-Diethylbenzene	119	13.765	13.765	0.000	90	107996	20.0	21.0	
128 n-Butylbenzene	92	13.786	13.786	0.000	97	95425	20.0	22.9	
126 1,2-Dichlorobenzene	146	13.838	13.838	0.000	94	89005	20.0	19.8	
130 1,2,4,5-Tetramethylbenzene	119	14.462	14.462	0.000	96	155780	20.0	20.2	
129 1,2-Dibromo-3-Chloropropane	157	14.536	14.536	0.000	90	9385	20.0	18.4	
131 1,3,5-Trichlorobenzene	180	14.677	14.677	0.000	95	55708	20.0	17.8	
132 1,2,4-Trichlorobenzene	180	15.191	15.191	0.000	92	46042	20.0	17.2	
133 Hexachlorobutadiene	225	15.285	15.285	0.000	73	21869	20.0	15.1	
134 Naphthalene	128	15.390	15.390	0.000	99	126055	20.0	20.0	
135 1,2,3-Trichlorobenzene	180	15.590	15.590	0.000	93	38020	20.0	16.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.8	
S 137 Xylenes, Total	100				0		40.0	39.6	
S 140 Total BTEX	1				0		100.0	103.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.7	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
GASES Li_00640	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-May-2025 11:29:00 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D

Injection Date: 07-May-2025 18:14:44 Instrument ID: CVOAMS15

Lims ID: CCVIS

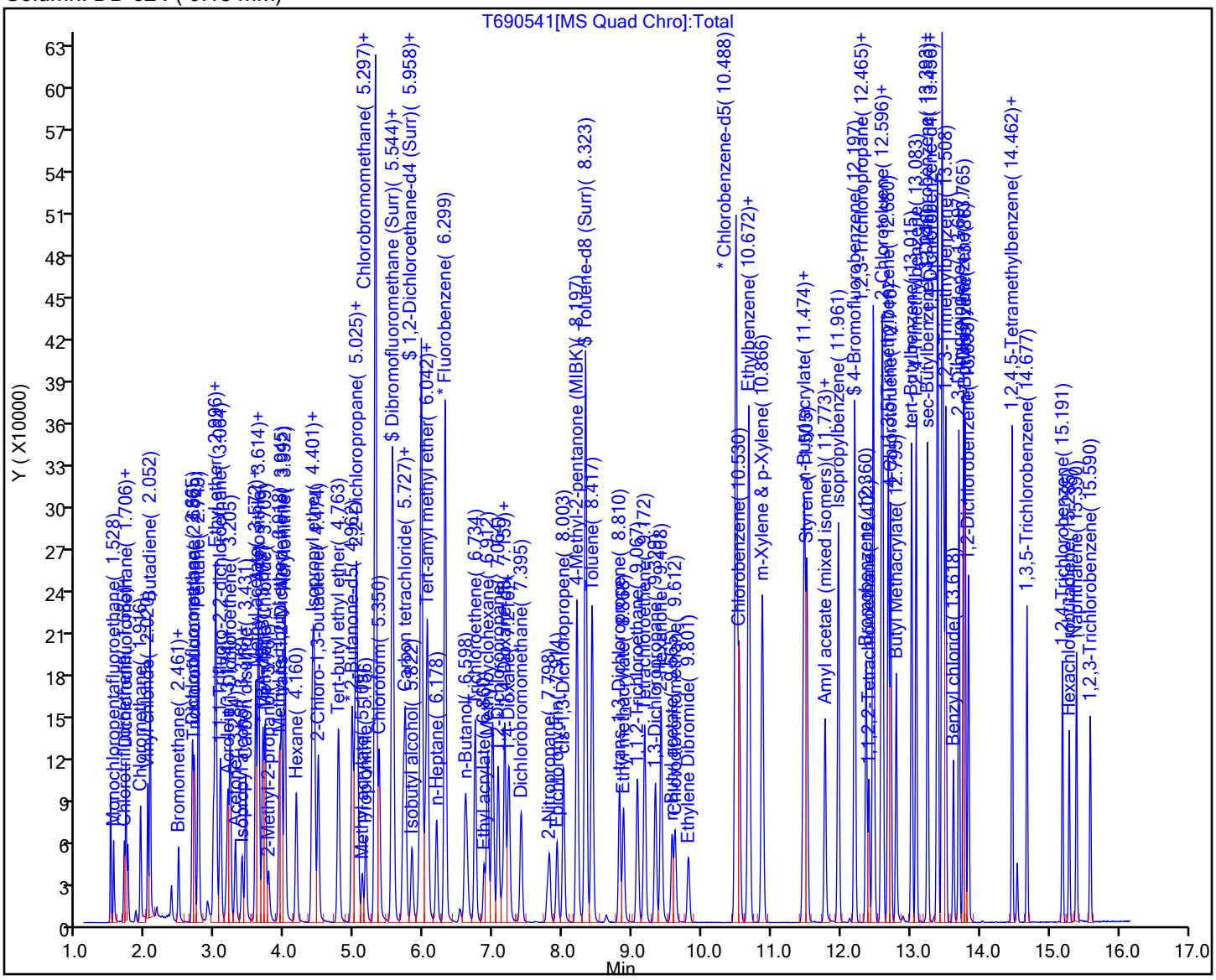
Client ID:

Operator ID: ALS Bottle#: 30 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

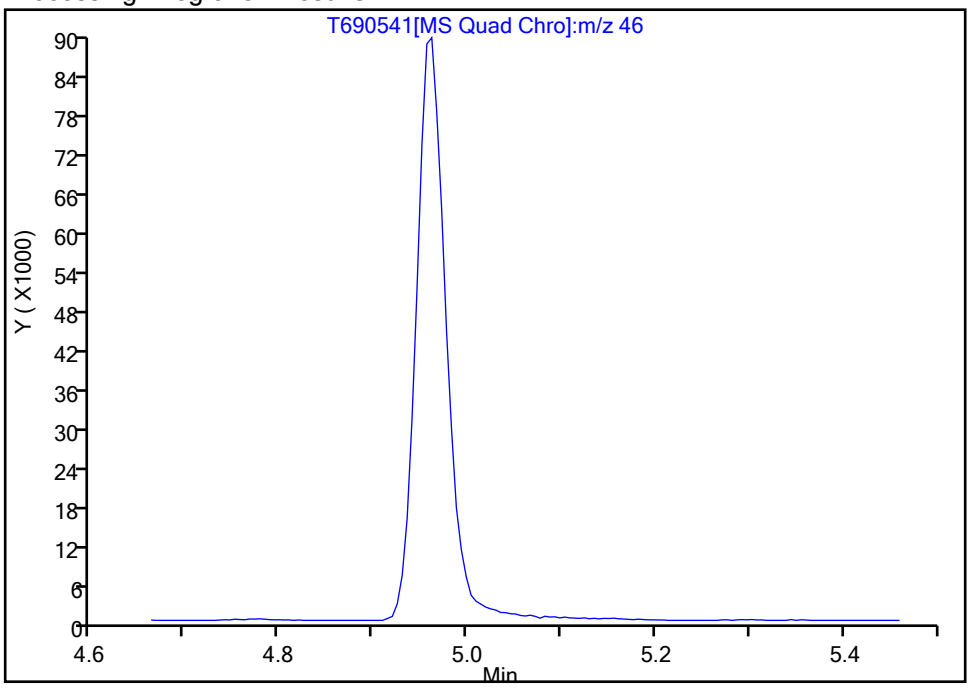
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D
Injection Date: 07-May-2025 18:14:44 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 30 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

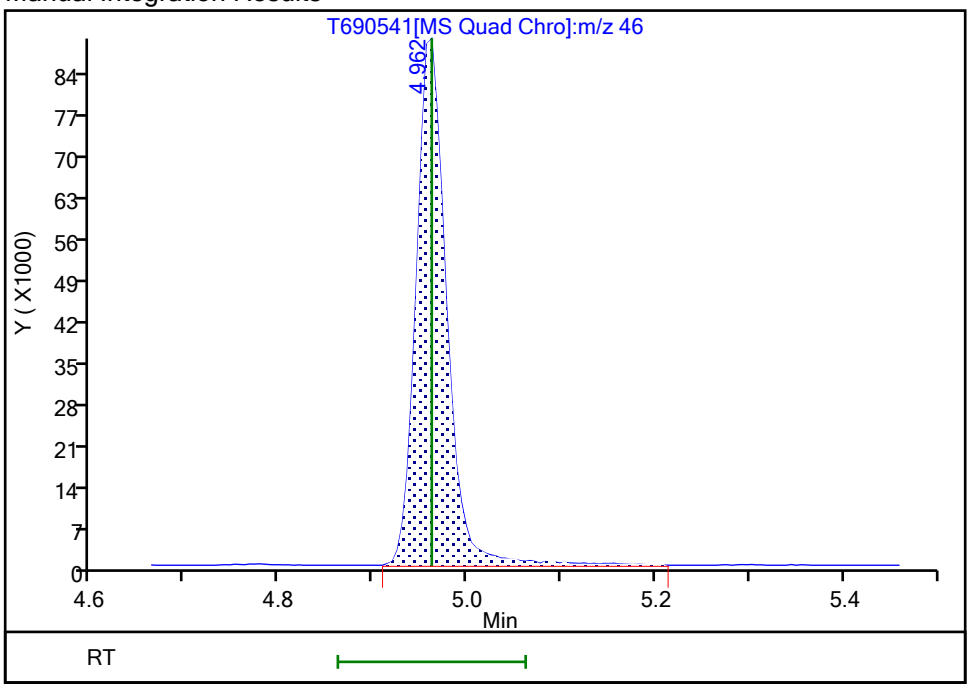
Not Detected
Expected RT: 4.96

Processing Integration Results



Manual Integration Results

RT: 4.96
Area: 201345
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 08-May-2025 07:18:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: CCVIS 460-1036114/2 Calibration Date: 05/07/2025 18:14

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T690541.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0125	0.0086		13.8	20.0	-31.0*	20.0
Chlorotrifluoroethene	Ave	0.0734	0.0206		5.62	20.0	-71.9*	20.0
1,1-Difluoroethane	QuaF		0.1237		22.3	20.0	11.6	20.0
Dichlorodifluoromethane	Ave	0.4877	0.4282	0.1000	17.6	20.0	-12.2	20.0
Chlorodifluoromethane	Qua2		0.0557		18.4	20.0	-8.0	20.0
Chloromethane	Ave	0.3944	0.4320	0.1000	21.9	20.0	9.5	20.0
Vinyl chloride	Ave	0.3433	0.4345	0.1000	25.3	20.0	26.5*	20.0
Butadiene	Ave	0.3365	0.4025		23.9	20.0	19.6	20.0
Bromomethane	Qua2		0.0895*	0.1000	9.67	20.0	-51.6*	50.0
Chloroethane	Ave	0.2112	0.2429	0.1000	23.0	20.0	15.0	50.0
Dichlorofluoromethane	Ave	0.6744	0.6612		19.6	20.0	-2.0	20.0
Trichlorofluoromethane	Ave	0.6601	0.5579	0.1000	16.9	20.0	-15.5	20.0
Pentane	Ave	0.0595	0.0467		31.4	40.0	-21.4*	20.0
Ethanol	Ave	0.2046	0.3832		1500	800	87.2*	50.0
Ethyl ether	Ave	0.2666	0.2439		18.3	20.0	-8.5	20.0
2-Methyl-1,3-butadiene	Ave	0.2694	0.2642		19.6	20.0	-1.9	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2921	0.2740		18.8	20.0	-6.2	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4198	0.4262		20.3	20.0	1.5	20.0
Acrolein	Ave	0.0440	0.0403		36.6	40.0	-8.4	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3269	0.2648	0.1000	16.2	20.0	-19.0	20.0
1,1-Dichloroethene	Ave	0.3131	0.3030	0.1000	19.4	20.0	-3.2	20.0
Acetone	QuaF		0.0872	0.0010	94.0	100	-6.0	50.0
Isopropyl alcohol	Ave	3.657	4.754		260	200	30.0	50.0
Iodomethane	QuaF		0.2186		10.4	20.0	-48.2*	20.0
Carbon disulfide	Ave	0.9771	0.8797	0.1000	18.0	20.0	-10.0	50.0
3-Chloro-1-propene	Ave	0.1724	0.1868		21.7	20.0	8.3	20.0
Methyl acetate	Ave	0.1932	0.2073	0.0500	42.9	40.0	7.3	20.0
Acetonitrile	QuaF		0.5417		89.5	200	-55.3*	20.0
Cyclopentene	Ave	0.8602	0.8311		19.3	20.0	-3.4	20.0
Methylene Chloride	Ave	0.3339	0.3485	0.1000	20.9	20.0	4.4	20.0
2-Methyl-2-propanol	Ave	6.812	6.501		191	200	-4.6	50.0
Methyl tert-butyl ether	Ave	0.9871	0.8245	0.1000	16.7	20.0	-16.5	20.0
trans-1,2-Dichloroethene	Ave	0.3500	0.3336	0.1000	19.1	20.0	-4.7	20.0
Acrylonitrile	Ave	0.0937	0.1086		232	200	15.9	20.0
Hexane	Ave	0.3773	0.2966		15.7	20.0	-21.4*	20.0
Isopropyl ether	Ave	0.8441	0.9222		21.8	20.0	9.2	20.0
1,1-Dichloroethane	Ave	0.6111	0.5790	0.2000	18.9	20.0	-5.3	20.0
Vinyl acetate	Ave	1.772	0.4938		11.1	40.0	-72.1*	20.0
2-Chloro-1,3-butadiene	Ave	0.3066	0.2819		18.4	20.0	-8.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: CCVIS 460-1036114/2 Calibration Date: 05/07/2025 18:14

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T690541.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.9742	0.8221		16.9	20.0	-15.6	20.0
2,2-Dichloropropane	Ave	0.1270	0.1057		16.6	20.0	-16.8	20.0
2-Butanone (MEK)	Lin2		0.0363	0.0100	96.2	100	-3.8	50.0
cis-1,2-Dichloroethene	Ave	0.3859	0.3616	0.1000	18.7	20.0	-6.3	20.0
Ethyl acetate	Ave	0.9308	0.3502		15.0	40.0	-62.4*	20.0
Methyl acrylate	Ave	0.2581	0.2337		18.1	20.0	-9.5	20.0
Propionitrile	Ave	0.0377	0.0421		224	200	11.8	20.0
Chlorobromomethane	Ave	0.1760	0.1524		17.3	20.0	-13.4	20.0
Methacrylonitrile	Ave	0.1206	0.1275		211	200	5.7	20.0
Tetrahydrofuran	QuaF		0.3851		14.6	40.0	-63.5*	20.0
Chloroform	Ave	0.7060	0.6225	0.2000	17.6	20.0	-11.8	20.0
1,1,1-Trichloroethane	Ave	0.6942	0.5674	0.1000	16.3	20.0	-18.3	20.0
Cyclohexane	Ave	0.5006	0.4248	0.1000	17.0	20.0	-15.1	50.0
Carbon tetrachloride	Ave	0.5899	0.4726	0.1000	16.0	20.0	-19.9	20.0
1,1-Dichloropropene	Ave	0.5261	0.4679		17.8	20.0	-11.1	20.0
Isobutyl alcohol	QuaF		2.932		644	500	28.7*	20.0
Benzene	Ave	1.677	1.901	0.5000	22.7	20.0	13.3	20.0
Isooctane	Ave	0.7038	0.4935		14.0	20.0	-29.9*	20.0
Isopropyl acetate	Ave	0.1592	0.1439		18.1	20.0	-9.6	20.0
Tert-amyl methyl ether	Ave	0.9365	0.8060		17.2	20.0	-13.9	20.0
1,2-Dichloroethane	Ave	0.6009	0.4552	0.1000	15.1	20.0	-24.3*	20.0
n-Heptane	Ave	0.3015	0.2299		15.2	20.0	-23.8*	20.0
n-Butanol	Ave	1.624	1.798		554	500	10.8	50.0
Trichloroethene	Ave	0.4084	0.3699	0.2000	18.1	20.0	-9.4	20.0
Ethyl acrylate	Ave	0.3606	0.3127		17.3	20.0	-13.3	20.0
Methylcyclohexane	Ave	0.5243	0.4141	0.1000	15.8	20.0	-21.0	50.0
1,2-Dichloropropane	Ave	0.3276	0.3176	0.1000	19.4	20.0	-3.0	20.0
Methyl methacrylate	Ave	0.0800	0.0756		37.8	40.0	-5.5	20.0
1,4-Dioxane	Ave	1.159	1.269		438	400	9.4	50.0
Dibromomethane	Ave	0.2302	0.2001		17.4	20.0	-13.1	20.0
n-Propyl acetate	Ave	0.3979	0.4182		21.0	20.0	5.1	20.0
Dichlorobromomethane	Ave	0.5267	0.4211	0.2000	16.0	20.0	-20.0	20.0
2-Nitropropane	Ave	0.0936	0.0589		25.1	40.0	-37.1*	20.0
Epichlorohydrin	QuaF		0.1889		156	400	-61.0*	20.0
cis-1,3-Dichloropropene	Ave	0.7297	0.7563	0.2000	20.7	20.0	3.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2378	0.2564	0.0500	108	100	7.8	50.0
Toluene	Ave	1.883	1.970	0.4000	20.9	20.0	4.7	20.0
trans-1,3-Dichloropropene	Ave	0.6689	0.6342	0.1000	19.0	20.0	-5.2	50.0
Ethyl methacrylate	Ave	0.5025	0.5275		21.0	20.0	5.0	20.0
1,1,2-Trichloroethane	Ave	0.3091	0.3312	0.1000	21.4	20.0	7.2	20.0
Tetrachloroethene	Ave	0.5767	0.4746	0.2000	16.5	20.0	-17.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: CCVIS 460-1036114/2 Calibration Date: 05/07/2025 18:14

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T690541.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.6660	0.7094		21.3	20.0	6.5	20.0
2-Hexanone	Ave	0.1689	0.1747	0.0500	103	100	3.4	50.0
n-Butyl acetate	QuaF		0.5512		23.5	20.0	17.6	20.0
Chlorodibromomethane	Ave	0.4493	0.4102	0.1000	18.3	20.0	-8.7	50.0
Ethylene Dibromide	Ave	0.4013	0.3863	0.1000	19.3	20.0	-3.7	20.0
Chlorobenzene	Ave	1.245	1.255	0.5000	20.2	20.0	0.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4811	0.4267		17.7	20.0	-11.3	20.0
Ethylbenzene	Ave	0.6880	0.6938	0.1000	20.2	20.0	0.8	20.0
m-Xylene & p-Xylene	Ave	0.8310	0.8184	0.1000	19.7	20.0	-1.5	20.0
n-Butyl acrylate	Ave	0.2834	0.2801		19.8	20.0	-1.2	20.0
o-Xylene	Ave	0.8030	0.8002	0.3000	19.9	20.0	-0.4	20.0
Styrene	Ave	1.264	1.291	0.3000	20.4	20.0	2.2	20.0
Amyl acetate (mixed isomers)	Ave	0.9245	1.118		24.2	20.0	21.0*	20.0
Bromoform	Ave	0.3088	0.2332	0.1000	15.1	20.0	-24.5*	20.0
Isopropylbenzene	Ave	1.930	1.932	0.1000	20.0	20.0	0.1	20.0
Bromobenzene	Ave	0.9524	0.9385		19.7	20.0	-1.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7516	0.8382	0.3000	22.3	20.0	11.5	20.0
1,2,3-Trichloropropane	Ave	0.2934	0.3299		22.5	20.0	12.4	20.0
N-Propylbenzene	Ave	4.110	4.927		24.0	20.0	19.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2586	0.2340		18.1	20.0	-9.5	20.0
2-Chlorotoluene	Ave	3.017	3.420		22.7	20.0	13.4	20.0
4-Ethyltoluene	Ave	3.440	3.945		22.9	20.0	14.7	20.0
1,3,5-Trimethylbenzene	Ave	3.022	3.297		21.8	20.0	9.1	20.0
4-Chlorotoluene	Ave	2.879	3.446		23.9	20.0	19.7	20.0
Butyl Methacrylate	Ave	0.8677	0.9134		21.1	20.0	5.3	20.0
tert-Butylbenzene	Ave	2.576	2.730		21.2	20.0	6.0	20.0
1,2,4-Trimethylbenzene	Ave	3.082	3.364		21.8	20.0	9.2	20.0
sec-Butylbenzene	Ave	3.437	3.834		22.3	20.0	11.6	20.0
1,3-Dichlorobenzene	Ave	1.688	1.717	0.6000	20.3	20.0	1.7	20.0
4-Isopropyltoluene	Ave	3.058	3.336		21.8	20.0	9.1	20.0
1,4-Dichlorobenzene	Ave	1.735	1.735	0.5000	20.0	20.0	-0.0	20.0
1,2,3-Trimethylbenzene	Ave	3.119	3.368		21.6	20.0	8.0	20.0
Benzyl chloride	Ave	1.632	1.308		16.0	20.0	-19.9	50.0
Indan	Ave	2.578	2.805		21.8	20.0	8.8	20.0
p-Diethylbenzene	Ave	1.777	1.862		21.0	20.0	4.8	20.0
n-Butylbenzene	Ave	1.435	1.645		22.9	20.0	14.7	20.0
1,2-Dichlorobenzene	Ave	1.551	1.534	0.4000	19.8	20.0	-1.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.655	2.686		20.2	20.0	1.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1762	0.1618	0.0500	18.4	20.0	-8.2	50.0
1,3,5-Trichlorobenzene	Ave	1.082	0.9604		17.8	20.0	-11.2	20.0
1,2,4-Trichlorobenzene	Ave	0.9208	0.7937	0.2000	17.2	20.0	-13.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: CCVIS 460-1036114/2 Calibration Date: 05/07/2025 18:14

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T690541.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	QuaF		0.3770		15.1	20.0	-24.4*	20.0
Naphthalene	Ave	2.169	2.173		20.0	20.0	0.2	50.0
1,2,3-Trichlorobenzene	Ave	0.7757	0.6554		16.9	20.0	-15.5	20.0
Dibromofluoromethane (Surr)	Ave	0.2888	0.2407		41.7	50.0	-16.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3701	0.3128		42.3	50.0	-15.5	20.0
Toluene-d8 (Surr)	Ave	1.219	1.309		53.7	50.0	7.4	20.0
4-Bromofluorobenzene	Ave	0.4405	0.3715		42.2	50.0	-15.7	20.0

Report Date: 08-May-2025 11:28:59 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-May-2025 18:14:44 ALS Bottle#: 30 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0190476-002
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:28:59 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 06:51:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.543	1.543	0.000	43	1380	20.0	13.8	
3 Chlorotrifluoroethene	116	1.669	1.669	0.000	67	3301	20.0	5.62	
2 1,1-Difluoroethane	65	1.685	1.685	0.000	94	19809	20.0	22.3	
4 Dichlorodifluoromethane	85	1.706	1.706	0.000	99	68576	20.0	17.6	
5 Chlorodifluoromethane	67	1.732	1.732	0.000	97	8922	20.0	18.4	
6 Chloromethane	50	1.916	1.916	0.000	100	69191	20.0	21.9	
7 Vinyl chloride	62	2.020	2.020	0.000	99	69591	20.0	25.3	
8 Butadiene	54	2.052	2.052	0.000	96	64464	20.0	23.9	
9 Bromomethane	94	2.361	2.361	0.000	96	14336	20.0	9.67	
10 Chloroethane	64	2.461	2.461	0.000	100	38908	20.0	23.0	
11 Dichlorofluoromethane	67	2.660	2.660	0.000	99	105902	20.0	19.6	
12 Trichlorofluoromethane	101	2.686	2.686	0.000	98	89353	20.0	16.9	
13 Pentane	72	2.749	2.749	0.000	96	14975	40.0	31.4	
14 Ethanol	46	2.880	2.880	0.000	98	8411	800.0	1498.0	
15 Ethyl ether	59	2.964	2.964	0.000	90	39063	20.0	18.3	
17 2-Methyl-1,3-butadiene	53	2.990	2.990	0.000	86	42321	20.0	19.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	3.006	3.006	0.000	93	43891	20.0	18.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.064	3.064	0.000	96	68263	20.0	20.3	
19 Acrolein	56	3.142	3.142	0.000	97	12906	40.0	36.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.174	3.174	0.000	94	42413	20.0	16.2	
20 1,1-Dichloroethene	96	3.205	3.205	0.000	98	48536	20.0	19.4	
22 Acetone	43	3.284	3.284	0.000	86	69846	100.0	94.0	
25 Isopropyl alcohol	45	3.373	3.373	0.000	72	26089	200.0	260.0	
23 Iodomethane	142	3.378	3.378	0.000	97	35004	20.0	10.4	
24 Carbon disulfide	76	3.431	3.431	0.000	99	140901	20.0	18.0	
27 3-Chloro-1-propene	76	3.572	3.572	0.000	90	29917	20.0	21.7	
28 Methyl acetate	43	3.572	3.572	0.000	89	66409	40.0	42.9	
26 Acetonitrile	41	3.609	3.609	0.000	72	87249	200.0	89.5	
29 Cyclopentene	67	3.614	3.614	0.000	85	133119	20.0	19.3	
* 31 TBA-d9 (IS)	66	3.677	3.677	0.000	98	27439	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.709	3.709	0.000	88	55825	20.0	20.9	
32 2-Methyl-2-propanol	59	3.761	3.761	0.000	95	35674	200.0	190.9	
35 Methyl tert-butyl ether	73	3.918	3.918	0.000	96	132047	20.0	16.7	
34 trans-1,2-Dichloroethene	96	3.950	3.950	0.000	93	53429	20.0	19.1	
33 Acrylonitrile	53	3.992	3.992	0.000	94	173919	200.0	231.8	
36 Hexane	57	4.160	4.160	0.000	93	47510	20.0	15.7	
40 Isopropyl ether	45	4.390	4.390	0.000	92	147698	20.0	21.8	
37 1,1-Dichloroethane	63	4.411	4.411	0.000	80	92735	20.0	18.9	
38 Vinyl acetate	86	4.422	4.422	0.000	99	15907	40.0	11.1	
39 2-Chloro-1,3-butadiene	88	4.474	4.474	0.000	89	45157	20.0	18.4	
41 Tert-butyl ethyl ether	59	4.763	4.763	0.000	91	131676	20.0	16.9	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	53	201345	250.0	250.0	sa
44 2,2-Dichloropropane	97	5.004	5.004	0.000	90	16924	20.0	16.6	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	69	57922	20.0	18.7	
45 2-Butanone (MEK)	72	5.025	5.025	0.000	99	29093	100.0	96.2	
46 Propionitrile	54	5.156	5.156	0.000	98	67425	200.0	223.5	
47 Ethyl acetate	70	5.046	5.046	0.000	96	11282	40.0	15.0	
48 Methyl acrylate	55	5.109	5.109	0.000	99	37426	20.0	18.1	
49 Chlorobromomethane	128	5.287	5.287	0.000	50	24403	20.0	17.3	
51 Tetrahydrofuran	72	5.297	5.297	0.000	27	12406	40.0	14.6	
50 Methacrylonitrile	67	5.297	5.297	0.000	93	204286	200.0	211.5	
52 Chloroform	83	5.350	5.350	0.000	99	99698	20.0	17.6	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	96362	50.0	41.7	
54 1,1,1-Trichloroethane	97	5.544	5.544	0.000	96	90871	20.0	16.3	
55 Cyclohexane	84	5.554	5.554	0.000	87	68042	20.0	17.0	
56 Carbon tetrachloride	117	5.701	5.701	0.000	98	75698	20.0	16.0	
57 1,1-Dichloropropene	75	5.727	5.727	0.000	97	74945	20.0	17.8	
59 Isobutyl alcohol	43	5.822	5.822	0.000	97	40231	500.0	643.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	80	125260	50.0	42.3	
62 Isooctane	57	5.958	5.958	0.000	54	79043	20.0	14.0	
60 Benzene	78	5.958	5.958	0.000	95	216049	20.0	22.7	
63 Isopropyl acetate	61	6.010	6.010	0.000	97	23049	20.0	18.1	a
61 1,2-Dichloroethane	62	6.047	6.047	0.000	80	72903	20.0	15.1	
64 Tert-amyl methyl ether	73	6.042	6.042	0.000	96	129087	20.0	17.2	
66 n-Heptane	43	6.178	6.178	0.000	92	36818	20.0	15.2	
* 65 Fluorobenzene	96	6.299	6.299	0.000	98	400409	50.0	50.0	
68 n-Butanol	56	6.619	6.619	0.000	92	24672	500.0	553.8	
67 Trichloroethene	95	6.734	6.734	0.000	98	59241	20.0	18.1	
69 Ethyl acrylate	55	6.860	6.860	0.000	99	50084	20.0	17.3	
70 Methylcyclohexane	83	6.912	6.912	0.000	95	66325	20.0	15.8	
71 1,2-Dichloropropane	63	7.064	7.064	0.000	87	50869	20.0	19.4	
* 73 1,4-Dioxane-d8	96	7.122	7.122	0.000	1	24170	1000.0	1000.0	
75 Methyl methacrylate	100	7.159	7.159	0.000	87	24222	40.0	37.8	
74 1,4-Dioxane	88	7.190	7.190	0.000	80	12266	400.0	437.7	
72 Dibromomethane	93	7.211	7.211	0.000	83	32047	20.0	17.4	
76 n-Propyl acetate	43	7.227	7.227	0.000	98	66988	20.0	21.0	
77 Dichlorobromomethane	83	7.400	7.400	0.000	98	67451	20.0	16.0	
78 2-Nitropropane	41	7.777	7.777	0.000	90	18856	40.0	25.1	
80 Epichlorohydrin	57	7.914	7.914	0.000	99	60850	400.0	156.1	
81 cis-1,3-Dichloropropene	75	8.003	8.003	0.000	92	85974	20.0	20.7	
82 4-Methyl-2-pentanone (MIBK)	43	8.197	8.197	0.000	97	205354	100.0	107.8	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	98	372130	50.0	53.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.417	8.417	0.000	93	223958	20.0	20.9	
85 trans-1,3-Dichloropropene	75	8.810	8.810	0.000	95	72094	20.0	19.0	
86 Ethyl methacrylate	69	8.868	8.868	0.000	88	59962	20.0	21.0	
87 1,1,2-Trichloroethane	83	9.072	9.072	0.000	95	37647	20.0	21.4	
88 Tetrachloroethene	166	9.172	9.172	0.000	91	53950	20.0	16.5	
89 1,3-Dichloropropane	76	9.329	9.329	0.000	89	80640	20.0	21.3	
90 2-Hexanone	43	9.408	9.408	0.000	96	139899	100.0	103.4	
93 n-Butyl acetate	43	9.565	9.565	0.000	97	62657	20.0	23.5	
91 Chlorodibromomethane	129	9.612	9.612	0.000	96	46629	20.0	18.3	
92 Ethylene Dibromide	107	9.801	9.801	0.000	99	43915	20.0	19.3	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	88	284183	50.0	50.0	
95 Chlorobenzene	112	10.535	10.535	0.000	93	142689	20.0	20.2	
97 Ethylbenzene	106	10.672	10.672	0.000	98	78864	20.0	20.2	
96 1,1,1,2-Tetrachloroethane	131	10.672	10.672	0.000	41	48500	20.0	17.7	
98 m-Xylene & p-Xylene	106	10.866	10.866	0.000	92	93025	20.0	19.7	
101 n-Butyl acrylate	73	11.453	11.453	0.000	96	31836	20.0	19.8	
99 o-Xylene	106	11.474	11.474	0.000	93	90959	20.0	19.9	
100 Styrene	104	11.510	11.510	0.000	93	146786	20.0	20.4	
102 Bromoform	173	11.773	11.773	0.000	61	26510	20.0	15.1	
103 Amyl acetate (mixed isomers)	43	11.773	11.773	0.000	90	64876	20.0	24.2	
104 Isopropylbenzene	105	11.961	11.961	0.000	96	219590	20.0	20.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	84	105588	50.0	42.2	
106 Bromobenzene	156	12.365	12.365	0.000	98	54441	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	12.402	12.402	0.000	93	48621	20.0	22.3	
108 1,2,3-Trichloropropane	110	12.454	12.454	0.000	62	19135	20.0	22.5	
110 N-Propylbenzene	91	12.465	12.465	0.000	98	285795	20.0	24.0	
111 2-Chlorotoluene	91	12.585	12.585	0.000	96	198400	20.0	22.7	
112 4-Ethyltoluene	105	12.601	12.601	0.000	96	228868	20.0	22.9	
114 1,3,5-Trimethylbenzene	105	12.680	12.680	0.000	90	191268	20.0	21.8	
113 4-Chlorotoluene	91	12.716	12.716	0.000	99	199867	20.0	23.9	
109 trans-1,4-Dichloro-2-butene	53	12.486	12.486	0.000	56	13572	20.0	18.1	a
115 Butyl Methacrylate	87	12.795	12.795	0.000	88	52982	20.0	21.1	
116 tert-Butylbenzene	119	13.015	13.015	0.000	87	158383	20.0	21.2	
117 1,2,4-Trimethylbenzene	105	13.083	13.083	0.000	97	195163	20.0	21.8	
118 sec-Butylbenzene	105	13.246	13.246	0.000	98	222409	20.0	22.3	
119 1,3-Dichlorobenzene	146	13.382	13.382	0.000	93	99588	20.0	20.3	
122 4-Isopropyltoluene	119	13.398	13.398	0.000	93	193518	20.0	21.8	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	97	145019	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.482	13.482	0.000	92	100625	20.0	20.0	
123 1,2,3-Trimethylbenzene	105	13.508	13.508	0.000	99	195349	20.0	21.6	
124 Benzyl chloride	91	13.618	13.618	0.000	98	75880	20.0	16.0	
125 2,3-Dihydroindene	117	13.697	13.697	0.000	89	162689	20.0	21.8	
127 p-Diethylbenzene	119	13.765	13.765	0.000	90	107996	20.0	21.0	
128 n-Butylbenzene	92	13.786	13.786	0.000	97	95425	20.0	22.9	
126 1,2-Dichlorobenzene	146	13.838	13.838	0.000	94	89005	20.0	19.8	
130 1,2,4,5-Tetramethylbenzene	119	14.462	14.462	0.000	96	155780	20.0	20.2	
129 1,2-Dibromo-3-Chloropropane	157	14.536	14.536	0.000	90	9385	20.0	18.4	
131 1,3,5-Trichlorobenzene	180	14.677	14.677	0.000	95	55708	20.0	17.8	
132 1,2,4-Trichlorobenzene	180	15.191	15.191	0.000	92	46042	20.0	17.2	
133 Hexachlorobutadiene	225	15.285	15.285	0.000	73	21869	20.0	15.1	
134 Naphthalene	128	15.390	15.390	0.000	99	126055	20.0	20.0	
135 1,2,3-Trichlorobenzene	180	15.590	15.590	0.000	93	38020	20.0	16.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.8	
S 137 Xylenes, Total	100				0		40.0	39.6	
S 140 Total BTEX	1				0		100.0	103.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.7	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
GASES Li_00640	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-May-2025 11:29:00 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D

Injection Date: 07-May-2025 18:14:44 Instrument ID: CVOAMS15

Lims ID: CCVIS

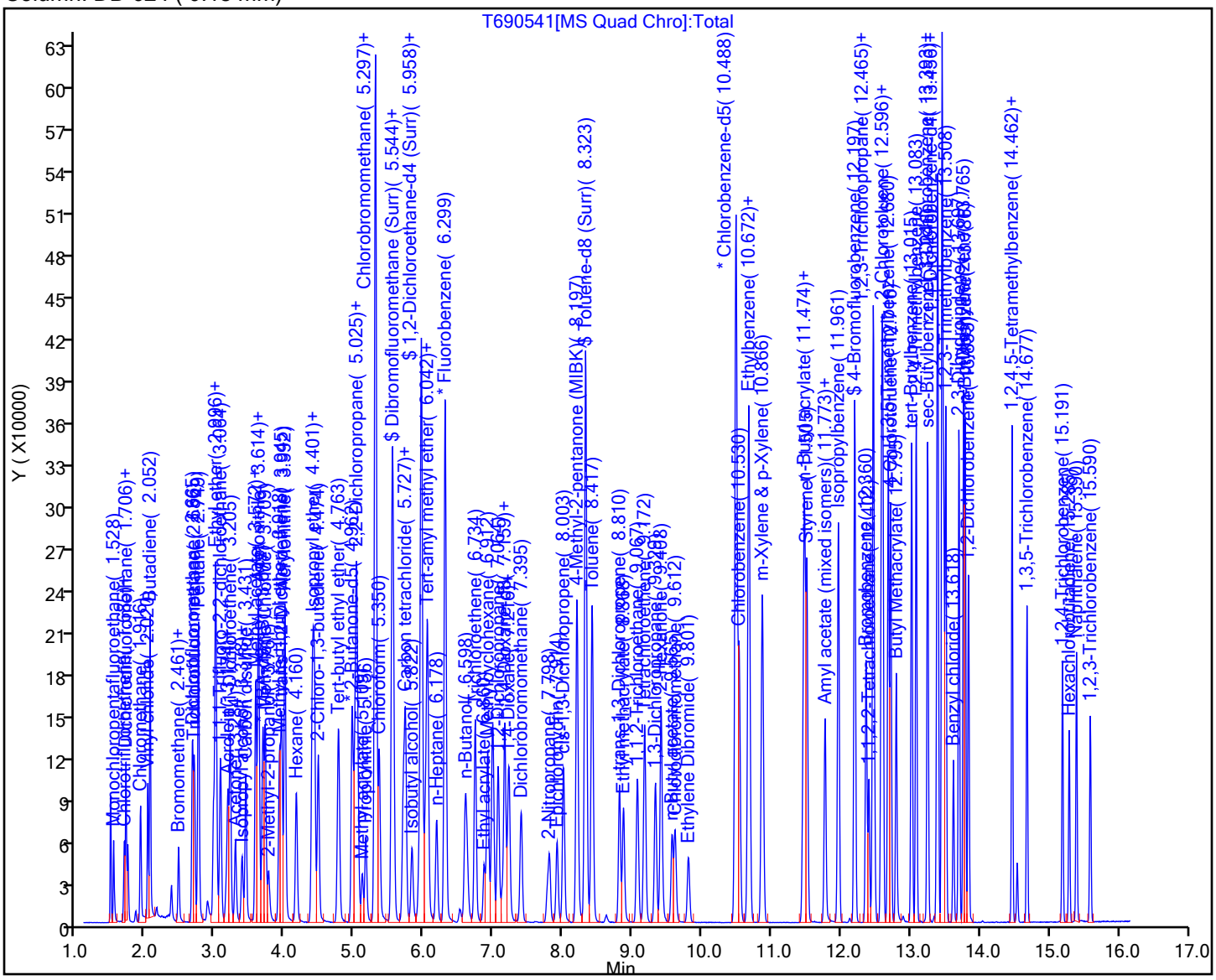
Client ID:

Operator ID: ALS Bottle#: 30 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

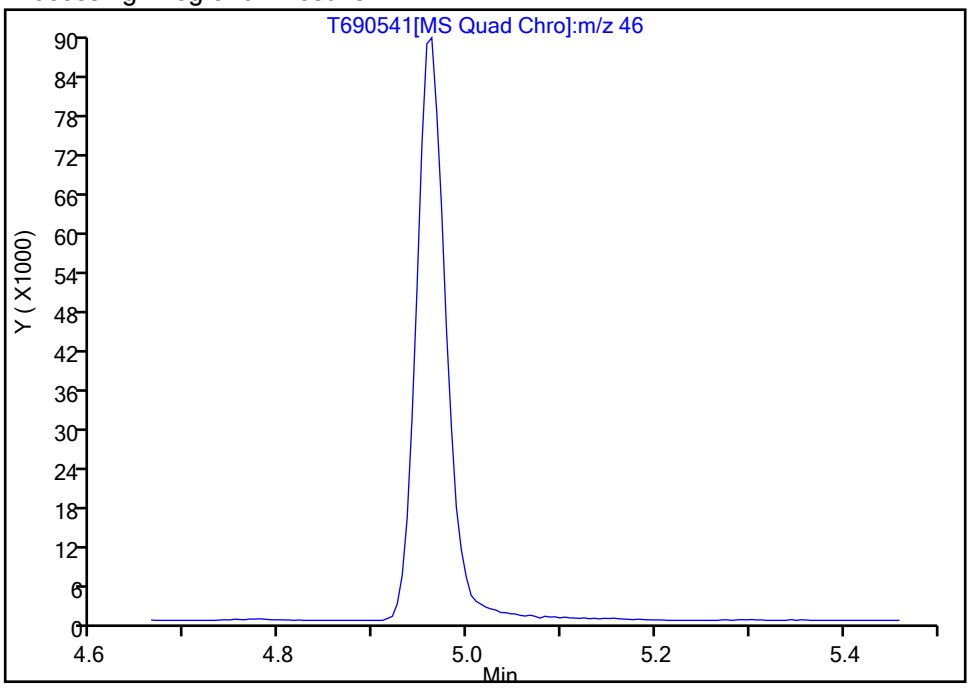
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D
Injection Date: 07-May-2025 18:14:44 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 30 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

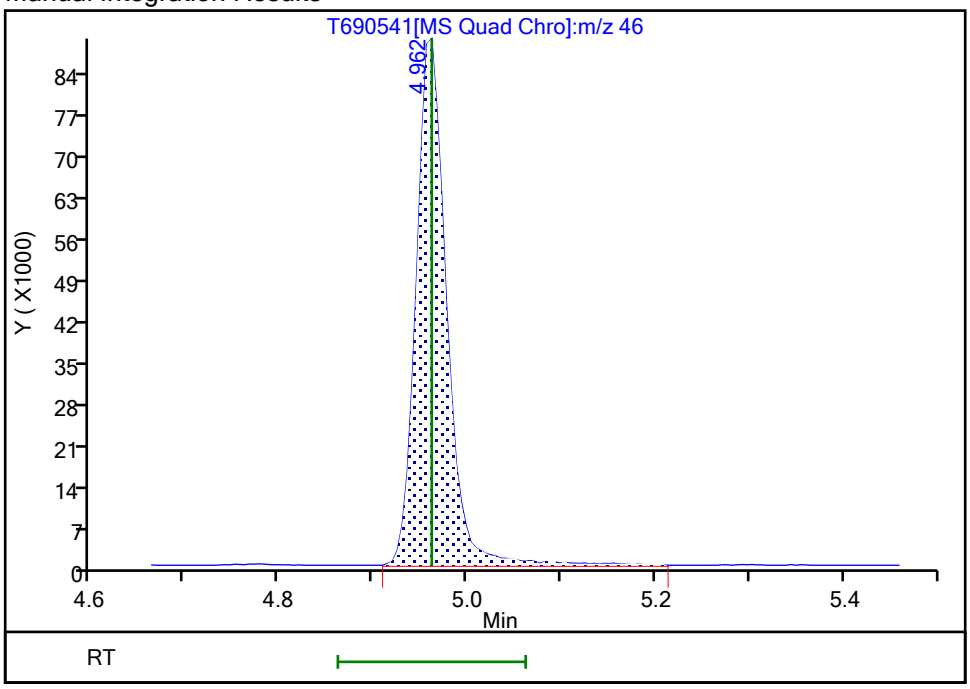
Not Detected
Expected RT: 4.96

Processing Integration Results



Manual Integration Results

RT: 4.96
Area: 201345
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 08-May-2025 07:18:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

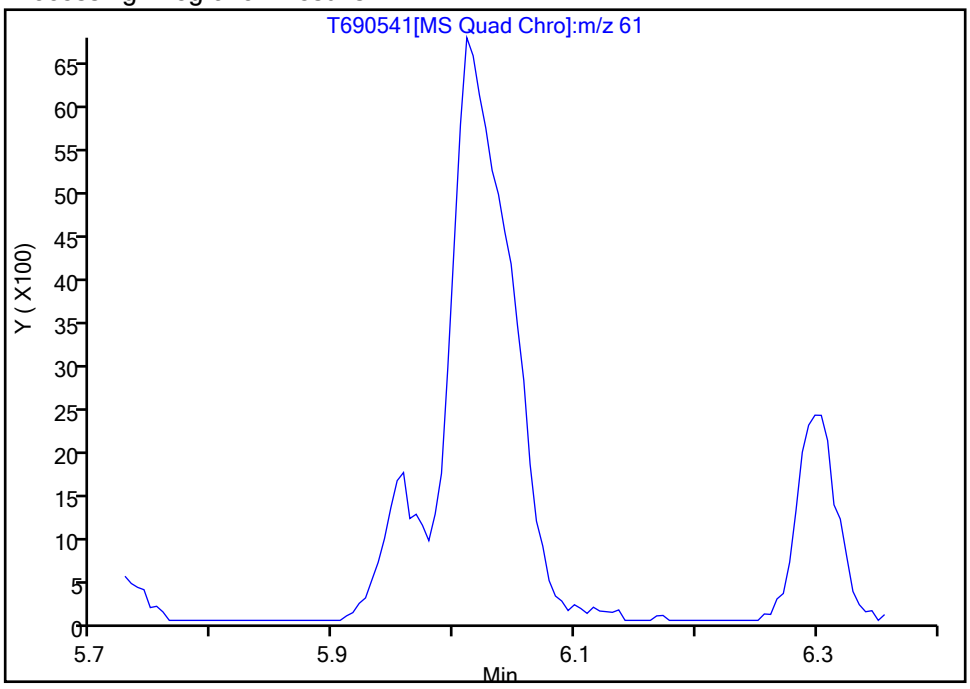
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D
Injection Date: 07-May-2025 18:14:44 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 30 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

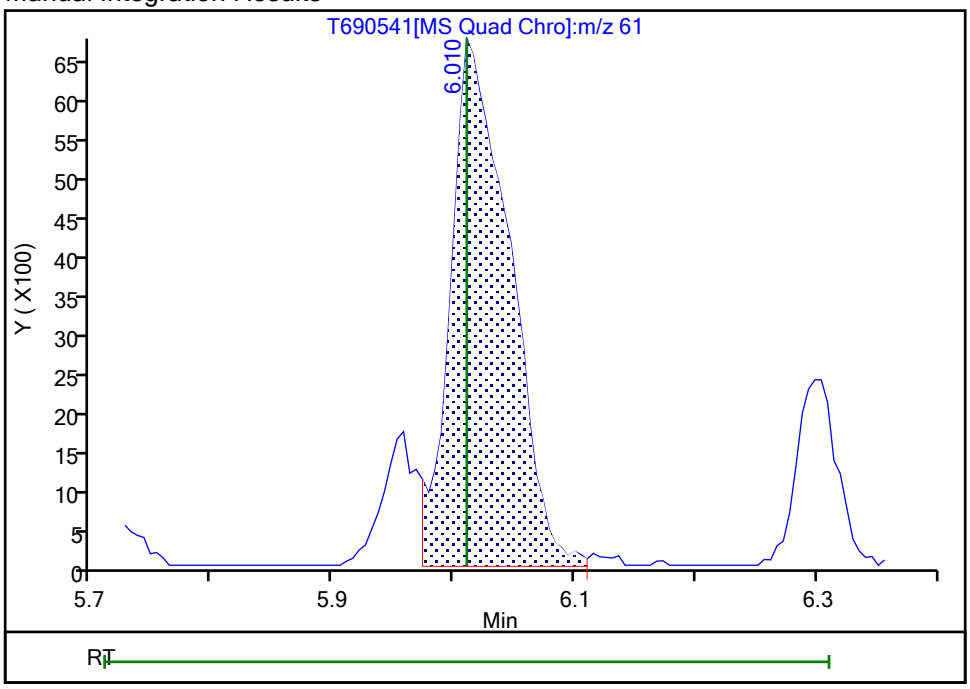
Not Detected
Expected RT: 6.01

Processing Integration Results



Manual Integration Results

RT: 6.01
Area: 23049
Amount: 18.074973
Amount Units: ug/l



Reviewer: FK2C, 08-May-2025 07:18:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

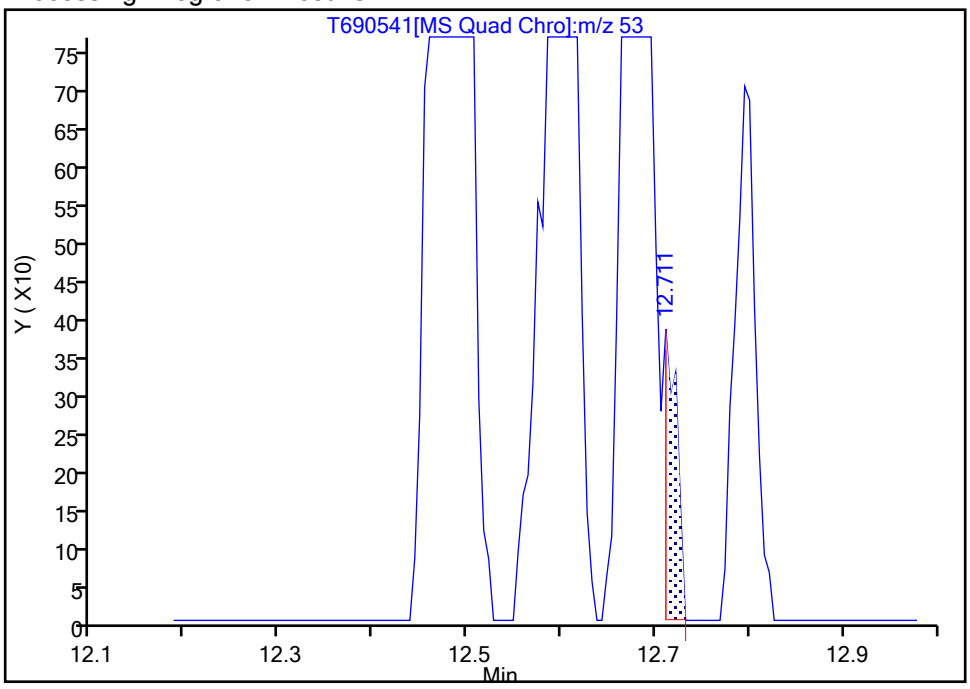
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D
Injection Date: 07-May-2025 18:14:44 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 30 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

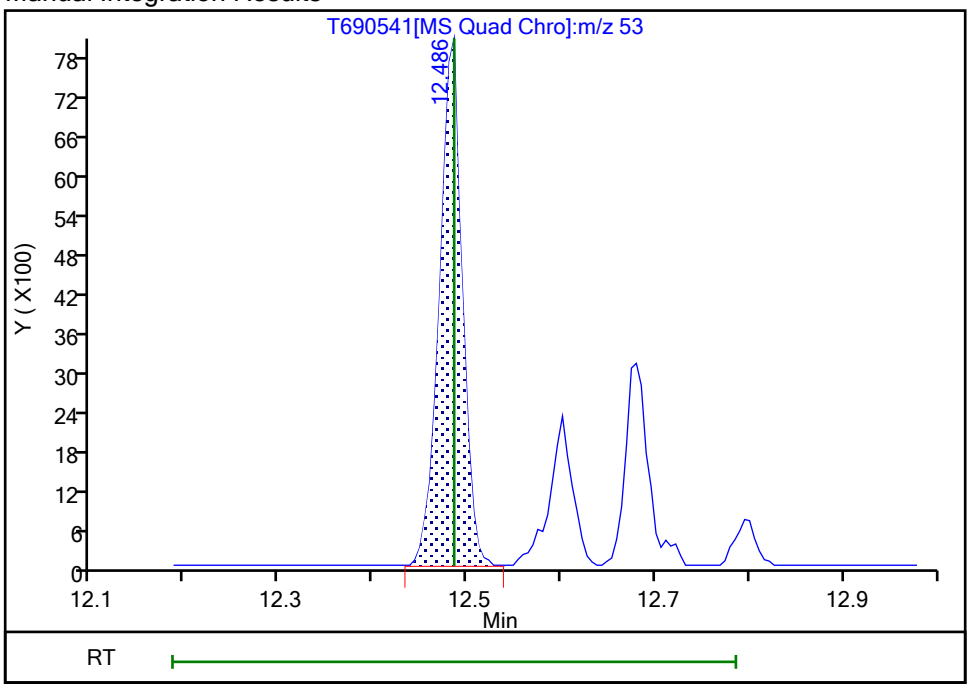
Processing Integration Results

RT: 12.71
Area: 362
Amount: 0.482670
Amount Units: ug/l



Manual Integration Results

RT: 12.49
Area: 13572
Amount: 18.096132
Amount Units: ug/l



Reviewer: XE5L, 08-May-2025 11:28:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689600.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	19-Apr-2025 03:45:53	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0189481-001				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	21-Apr-2025 14:11:52	Calib Date:	19-Apr-2025 10:26:58		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1660				
First Level Reviewer: FK2C		Date:	19-Apr-2025 08:51:03		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

QC Flag Legend

Processing Flags

Reagents:

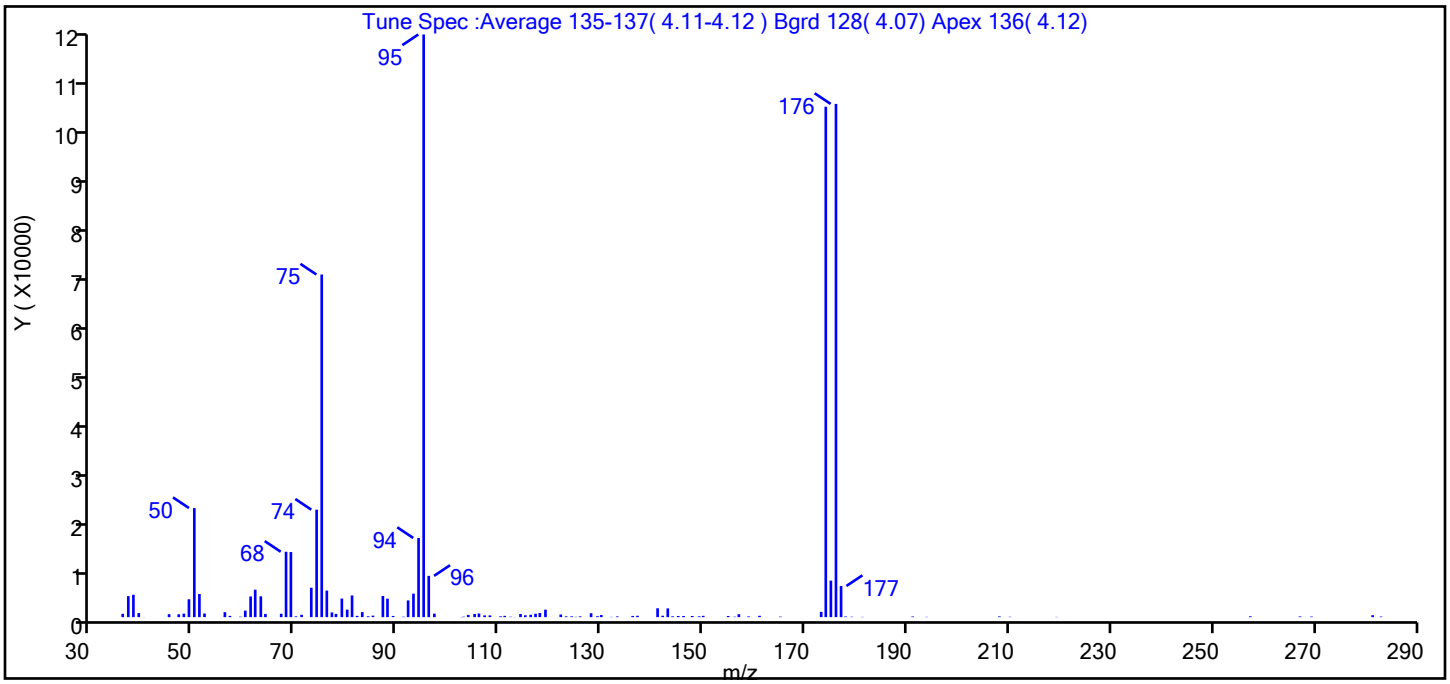
BFB_00039 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689600.D
Injection Date: 19-Apr-2025 03:45:53 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (114.2)
96	5 to 9% of m/z 95	7.1
173	<2% of m/z 174	0.9 (1.0)
174	50 to 200% of m/z 95	87.6
175	5 to 9% of m/z 174	6.3 (7.2)
176	95 to 105% of m/z 174	88.1 (100.5)
177	5 to 10% of m/z 176	5.3 (6.1)

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689600.D\8260W_15.rslt\spectra.d
Injection Date: 19-Apr-2025 03:45:53
Spectrum: Tune Spec :Average 135-137(4.11-4.12) Bgrd 128(4.07) Apex 136(4.12)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	645	76.00	5176	110.00	155	148.00	224
37.00	4097	77.00	923	111.00	252	149.00	159
38.00	4357	78.00	637	112.00	80	150.00	255
39.00	796	79.00	3617	113.00	24	155.00	222
40.00	24	80.00	1461	114.00	612	156.00	85
45.00	578	81.00	4225	115.00	365	157.00	573
47.00	561	82.00	253	116.00	459	159.00	142
48.00	686	83.00	985	117.00	659	161.00	261
49.00	3482	84.00	164	118.00	805	165.00	102
50.00	21248	85.00	297	119.00	1457	173.00	1034
51.00	4508	87.00	4126	122.00	517	174.00	99432
52.00	708	88.00	3590	123.00	155	175.00	7119
56.00	972	89.00	231	124.00	155	176.00	99976
57.00	246	91.00	88	125.00	58	177.00	6068
59.00	91	92.00	3262	126.00	150	178.00	127
60.00	1269	93.00	4580	128.00	756	179.00	78
61.00	4035	94.00	15424	129.00	177	181.00	50
62.00	5345	95.00	113504	130.00	407	191.00	130
63.00	4056	96.00	8044	132.00	49	194.00	55
64.00	621	97.00	679	133.00	141	208.00	140
67.00	662	100.00	6	136.00	238	210.00	70
68.00	12739	103.00	35	137.00	269	219.00	46
69.00	12681	103.00	84	141.00	1729	257.00	165
70.00	154	104.00	439	142.00	272	267.00	142
71.00	459	105.00	618	143.00	1704	269.00	110
73.00	5732	106.00	705	144.00	160	281.00	377
74.00	20936	107.00	348	145.00	227	283.00	113
75.00	66744	108.00	342	146.00	222		

Report Date: 21-Apr-2025 14:11:53 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689600.D

Injection Date: 19-Apr-2025 03:45:53 Instrument ID: CVOAMS15

Lims ID: BFB

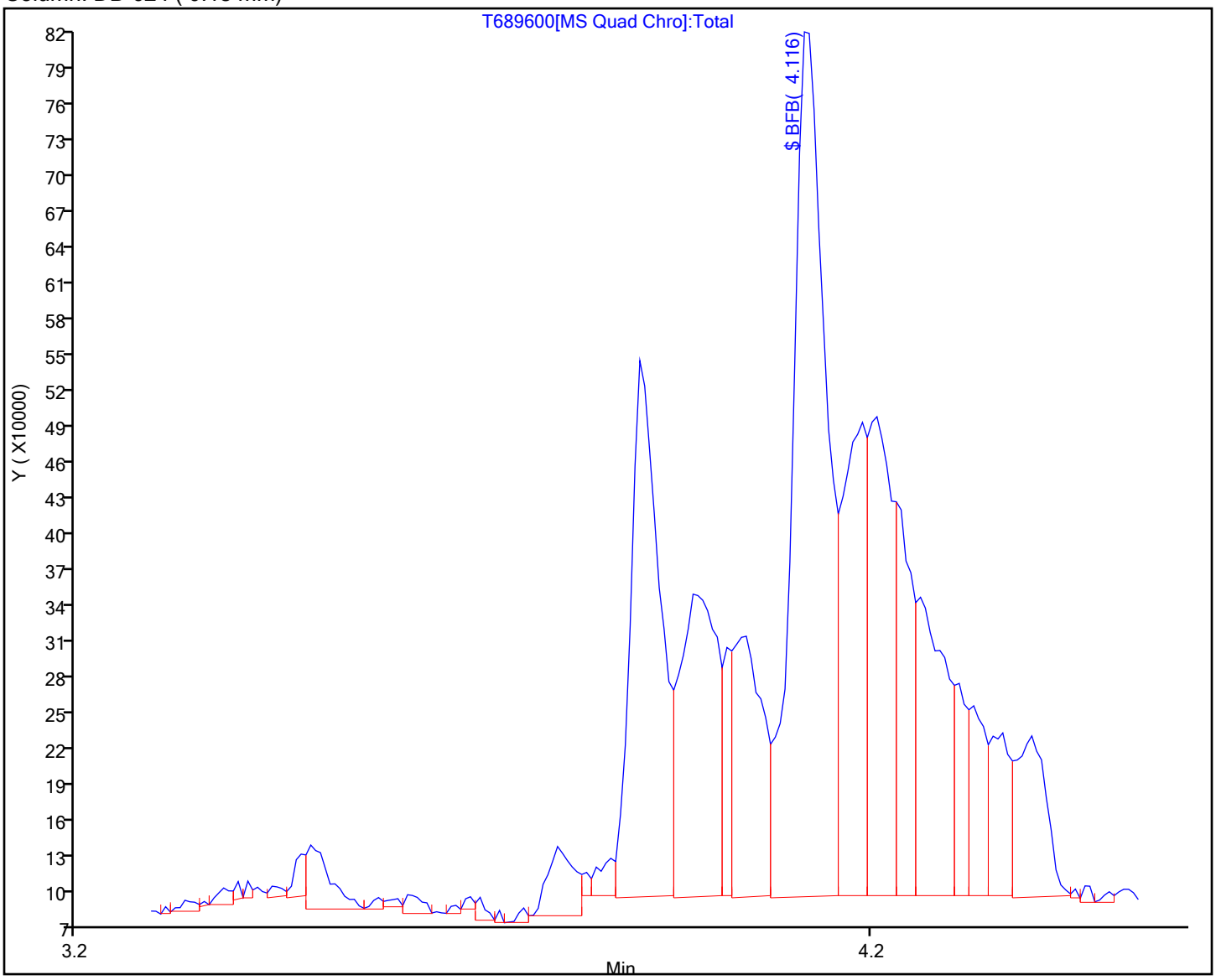
Client ID:

Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1036114/7

Matrix: Water | Lab File ID: T690546.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 20:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1036114/7

Matrix: Water | Lab File ID: T690546.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 20:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-1036114/7

Matrix: Water Lab File ID: T690546.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2025 20:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 1036114 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		70-128
460-00-4	4-Bromofluorobenzene	83		76-120
1868-53-7	Dibromofluoromethane (Surr)	82		77-132
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690546.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-May-2025 20:09:08 ALS Bottle#: 35 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0190476-007
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:06:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.677	3.672	0.005	94	25398	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.961	4.962	-0.001	45	218672	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	95	100021	50.0	40.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.952	5.953	-0.001	98	125353	50.0	40.0	
* 65 Fluorobenzene	96	6.304	6.299	0.005	99	423547	50.0	50.0	
* 73 1,4-Dioxane-d8	96	7.127	7.127	0.000	1	23036	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	8.322	8.323	-0.001	98	379981	50.0	53.1	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	88	293452	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	85	107452	50.0	41.6	
* 120 1,4-Dichlorobenzene-d4	152	13.455	13.456	-0.001	97	153799	50.0	50.0	

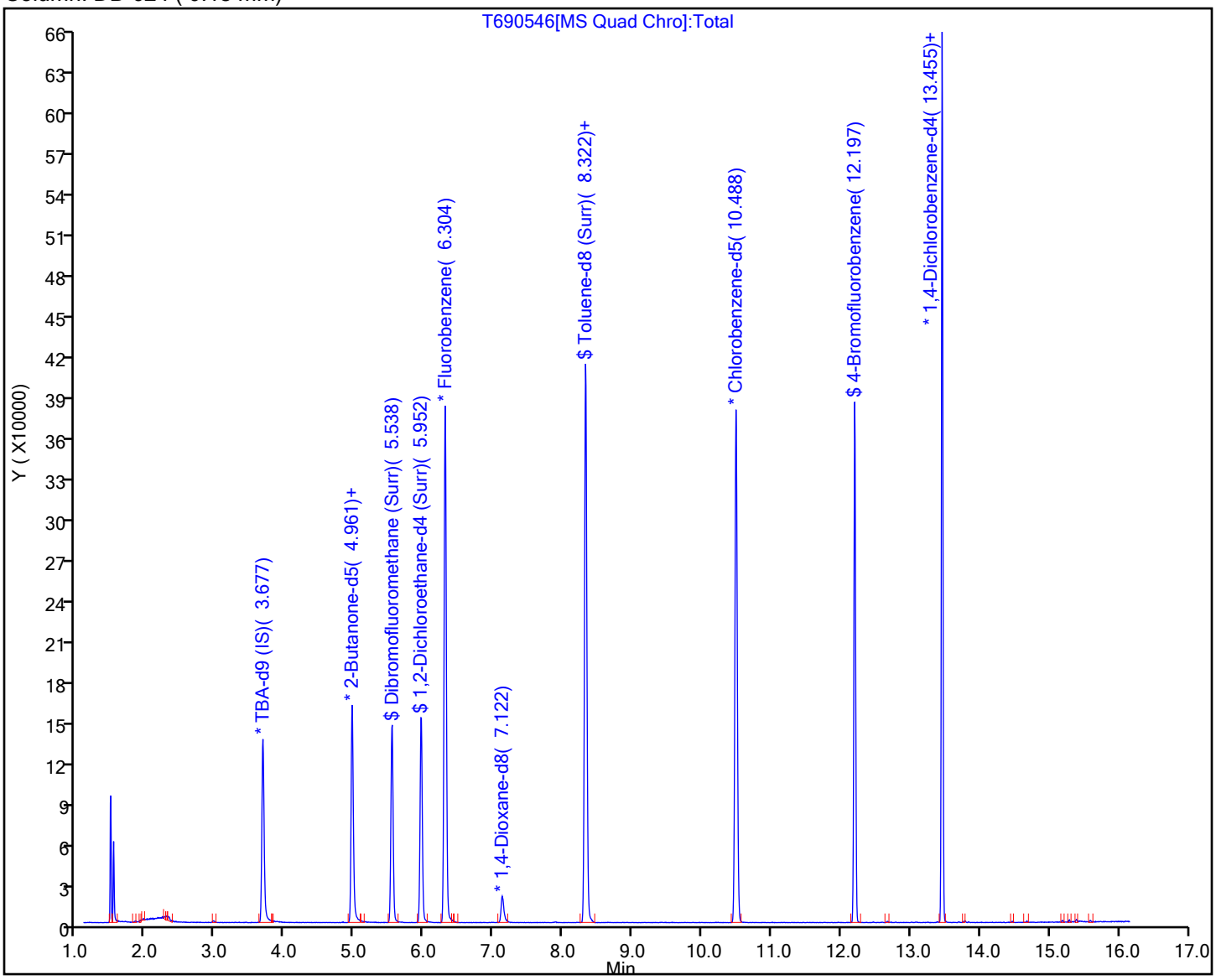
QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00080 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 08-May-2025 07:28:36 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690546.D
Injection Date: 07-May-2025 20:09:08 Instrument ID: CVOAMS15
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 35 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690546.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-May-2025 20:09:08 ALS Bottle#: 35 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0190476-007
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:06:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	40.9	81.76
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	40.0	79.97
$ 83 Toluene-d8 (Surr)	50.0	53.1	106.18
$ 105 4-Bromofluorobenzene	50.0	41.6	83.12

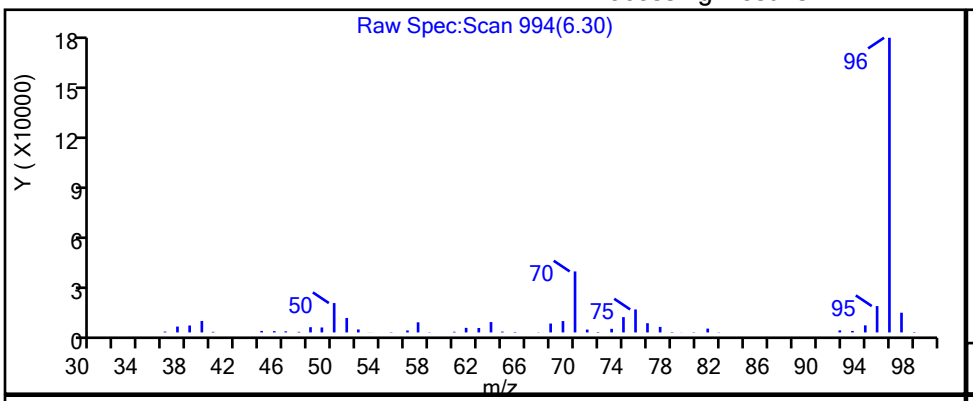
User Disabled Compound Report

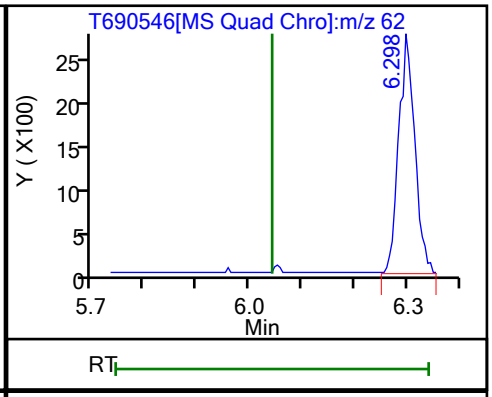
Eurofins Edison

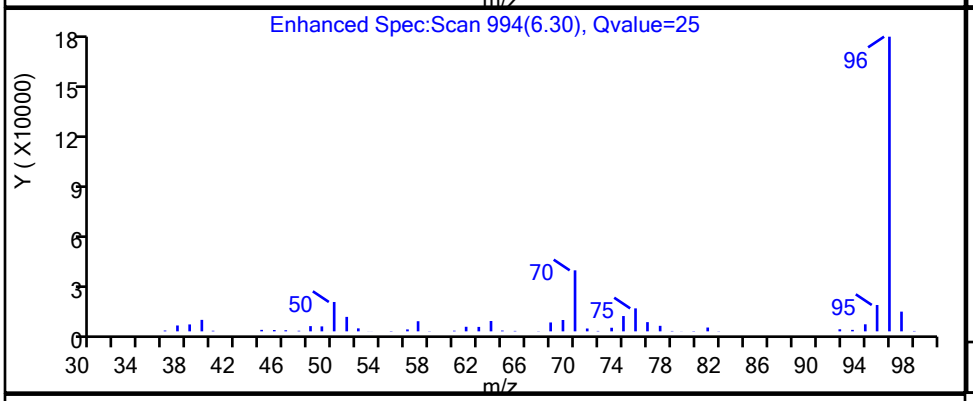
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690546.D
Injection Date: 07-May-2025 20:09:08 Instrument ID: CVOAMS15
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 35 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

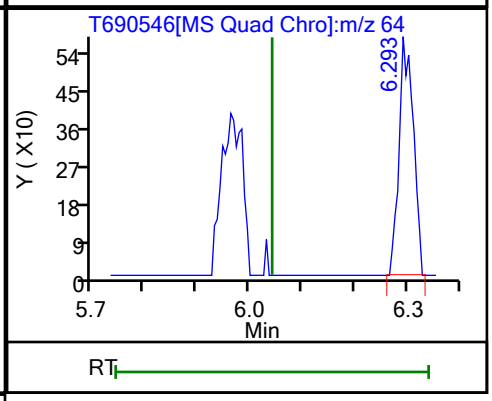
61 1,2-Dichloroethane, CAS: 107-06-2

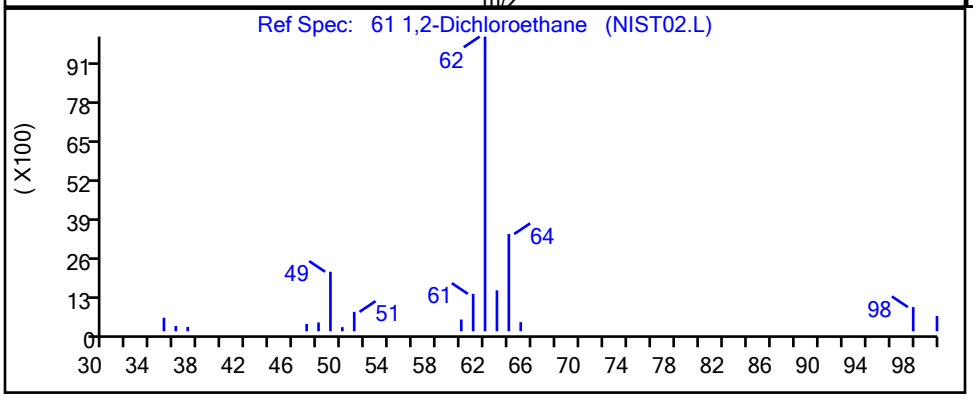
Processing Results











RT	Mass	Response	Amount
6.30	62.00	5746	1.128783
6.29	64.00	1086	

Reviewer: FK2C, 08-May-2025 07:05:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1036114/3

Matrix: Water | Lab File ID: T690542.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 18:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	16.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.8		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16.3		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.5		0.58	0.19
75-34-3	1,1-Dichloroethane	18.5		1.0	0.26
75-35-4	1,1-Dichloroethene	19.3		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	17.4		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	17.4		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	21.7		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.9		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.6		1.0	0.21
107-06-2	1,2-Dichloroethane	15.0		0.30	0.087
78-87-5	1,2-Dichloropropane	19.1		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	21.6		1.0	0.33
541-73-1	1,3-Dichlorobenzene	20.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.6		1.0	0.33
78-93-3	2-Butanone (MEK)	94.9		5.0	3.9
591-78-6	2-Hexanone	103		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	106		5.0	1.3
67-64-1	Acetone	92.5		5.0	4.4
71-43-2	Benzene	22.8		0.45	0.070
75-25-2	Bromoform	14.6		1.0	0.54
74-83-9	Bromomethane	12.2		1.0	0.55
75-15-0	Carbon disulfide	18.2		1.0	0.82
56-23-5	Carbon tetrachloride	16.0		1.0	0.21
108-90-7	Chlorobenzene	20.0		1.0	0.38
74-97-5	Chlorobromomethane	17.4		1.0	0.41
124-48-1	Chlorodibromomethane	18.0		0.78	0.086
75-00-3	Chloroethane	23.0		1.0	0.32
67-66-3	Chloroform	17.6		1.0	0.33
74-87-3	Chloromethane	22.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.2		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1036114/3

Matrix: Water | Lab File ID: T690542.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 18:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	20.3		0.45	0.069
110-82-7	Cyclohexane	17.2		1.0	0.32
75-27-4	Dichlorobromomethane	15.9		0.98	0.15
75-71-8	Dichlorodifluoromethane	17.9		1.0	0.31
100-41-4	Ethylbenzene	20.1		1.0	0.30
106-93-4	Ethylene Dibromide	19.5		1.0	0.50
98-82-8	Isopropylbenzene	20.1		1.0	0.34
79-20-9	Methyl acetate	43.6		5.0	0.79
1634-04-4	Methyl tert-butyl ether	16.8		1.0	0.22
108-87-2	Methylcyclohexane	16.1		1.0	0.71
75-09-2	Methylene Chloride	21.0		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	19.7		1.0	0.30
104-51-8	n-Butylbenzene	23.1		1.0	0.32
103-65-1	N-Propylbenzene	23.8		1.0	0.32
95-47-6	o-Xylene	20.1		1.0	0.36
135-98-8	sec-Butylbenzene	22.7		1.0	0.37
100-42-5	Styrene	20.8		1.0	0.42
98-06-6	tert-Butylbenzene	21.1		1.0	0.34
127-18-4	Tetrachloroethene	16.6		0.40	0.28
108-88-3	Toluene	21.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.8		0.45	0.12
79-01-6	Trichloroethene	17.7		0.28	0.074
75-69-4	Trichlorofluoromethane	17.0		1.0	0.32
75-01-4	Vinyl chloride	25.7		1.0	0.40
1330-20-7	Xylenes, Total	39.8		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1036114/3

Matrix: Water | Lab File ID: T690542.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 18:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		70-128
460-00-4	4-Bromofluorobenzene	85		76-120
1868-53-7	Dibromofluoromethane (Surr)	82		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690542.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-May-2025 18:37:37 ALS Bottle#: 31 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0190476-003
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:29:07 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:04:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.543	1.543	0.000	48	1601	20.0	15.2	
3 Chlorotrifluoroethene	116	1.669	1.669	0.000	86	4347	20.0	7.05	
2 1,1-Difluoroethane	65	1.679	1.685	-0.006	94	21156	20.0	22.7	
4 Dichlorodifluoromethane	85	1.706	1.706	0.000	99	73340	20.0	17.9	
5 Chlorodifluoromethane	67	1.732	1.732	0.000	97	9547	20.0	18.8	
6 Chloromethane	50	1.915	1.916	-0.001	99	74699	20.0	22.5	
7 Vinyl chloride	62	2.020	2.020	0.000	99	74230	20.0	25.7	
8 Butadiene	54	2.052	2.052	0.000	95	69300	20.0	24.5	
9 Bromomethane	94	2.361	2.361	0.000	98	18871	20.0	12.2	
10 Chloroethane	64	2.461	2.461	0.000	99	40826	20.0	23.0	
11 Dichlorofluoromethane	67	2.660	2.660	0.000	99	110796	20.0	19.5	
12 Trichlorofluoromethane	101	2.686	2.686	0.000	99	94405	20.0	17.0	
13 Pentane	72	2.749	2.749	0.000	96	16597	40.0	33.2	
14 Ethanol	46	2.885	2.880	0.005	99	9030	800.0	1628.6	
15 Ethyl ether	59	2.964	2.964	0.000	91	42371	20.0	18.9	
17 2-Methyl-1,3-butadiene	53	2.995	2.990	0.005	83	44685	20.0	19.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	3.001	3.006	-0.005	81	45508	20.0	18.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.064	3.064	0.000	97	73832	20.0	20.9	
19 Acrolein	56	3.142	3.142	0.000	97	13462	40.0	36.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.174	3.174	0.000	95	44737	20.0	16.3	
20 1,1-Dichloroethene	96	3.205	3.205	0.000	98	50876	20.0	19.3	
22 Acetone	43	3.279	3.284	-0.005	86	72115	100.0	92.5	
25 Isopropyl alcohol	45	3.373	3.373	0.000	74	27714	200.0	279.7	
23 Iodomethane	142	3.378	3.378	0.000	98	35267	20.0	9.94	
24 Carbon disulfide	76	3.431	3.431	0.000	99	149834	20.0	18.2	
27 3-Chloro-1-propene	76	3.572	3.572	0.000	90	32121	20.0	22.2	
28 Methyl acetate	43	3.577	3.572	0.005	97	70775	40.0	43.6	
26 Acetonitrile	41	3.609	3.609	0.000	74	92315	200.0	89.1	
29 Cyclopentene	67	3.614	3.614	0.000	86	142463	20.0	19.7	
* 31 TBA-d9 (IS)	66	3.677	3.677	0.000	99	27095	1000.0	1000.0	
30 Methylene Chloride	84	3.709	3.709	-0.001	88	58809	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.761	3.761	0.000	95	36793	200.0	199.4	
35 Methyl tert-butyl ether	73	3.918	3.918	0.000	96	139676	20.0	16.8	
34 trans-1,2-Dichloroethene	96	3.944	3.950	-0.006	94	56252	20.0	19.1	
33 Acrylonitrile	53	3.992	3.992	0.000	95	178745	200.0	227.0	
36 Hexane	57	4.154	4.160	-0.006	94	50392	20.0	15.9	
40 Isopropyl ether	45	4.385	4.390	-0.005	95	156212	20.0	22.0	
37 1,1-Dichloroethane	63	4.411	4.411	0.000	77	94897	20.0	18.5	
38 Vinyl acetate	86	4.422	4.422	0.000	99	18510	40.0	12.2	
39 2-Chloro-1,3-butadiene	88	4.474	4.474	0.000	91	48470	20.0	18.8	
41 Tert-butyl ethyl ether	59	4.762	4.763	-0.001	91	138840	20.0	17.0	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	62	213796	250.0	250.0	
44 2,2-Dichloropropane	97	5.004	5.004	0.000	90	17515	20.0	16.4	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	69	62397	20.0	19.2	
45 2-Butanone (MEK)	72	5.025	5.025	0.000	99	30148	100.0	94.9	
47 Ethyl acetate	70	5.045	5.046	-0.001	96	10979	40.0	13.8	
48 Methyl acrylate	55	5.108	5.109	-0.001	98	39203	20.0	18.1	
46 Propionitrile	54	5.161	5.156	0.005	99	69785	200.0	220.4	
49 Chlorobromomethane	128	5.287	5.287	0.000	50	25715	20.0	17.4	
51 Tetrahydrofuran	72	5.302	5.297	0.005	27	12664	40.0	14.0	
50 Methacrylonitrile	67	5.297	5.297	0.000	93	213411	200.0	210.5	
52 Chloroform	83	5.350	5.350	0.000	98	104635	20.0	17.6	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	95	99684	50.0	41.1	
54 1,1,1-Trichloroethane	97	5.549	5.544	0.005	94	94941	20.0	16.3	
55 Cyclohexane	84	5.549	5.554	-0.005	84	72291	20.0	17.2	
56 Carbon tetrachloride	117	5.701	5.701	0.000	97	79118	20.0	16.0	
57 1,1-Dichloropropene	75	5.727	5.727	0.000	97	79904	20.0	18.1	
59 Isobutyl alcohol	43	5.827	5.822	0.005	94	43745	500.0	708.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	80	128614	50.0	41.3	
62 Isooctane	57	5.963	5.958	0.005	53	85568	20.0	14.5	
60 Benzene	78	5.958	5.958	0.000	95	226211	20.0	22.8	
63 Isopropyl acetate	61	6.015	6.010	0.005	96	23180	20.0	17.3	
64 Tert-amyl methyl ether	73	6.042	6.042	0.000	95	132295	20.0	16.8	
61 1,2-Dichloroethane	62	6.047	6.047	0.000	75	75614	20.0	15.0	
66 n-Heptane	43	6.178	6.178	0.000	91	39550	20.0	15.6	
* 65 Fluorobenzene	96	6.299	6.299	0.000	99	420242	50.0	50.0	
68 n-Butanol	56	6.624	6.619	0.005	87	26839	500.0	610.0	
67 Trichloroethene	95	6.734	6.734	0.000	98	60886	20.0	17.7	
69 Ethyl acrylate	55	6.860	6.860	0.000	98	52932	20.0	17.5	
70 Methylcyclohexane	83	6.912	6.912	0.000	94	70949	20.0	16.1	
71 1,2-Dichloropropane	63	7.064	7.064	0.000	86	52682	20.0	19.1	
* 73 1,4-Dioxane-d8	96	7.127	7.122	0.005	1	25080	1000.0	1000.0	
75 Methyl methacrylate	100	7.158	7.159	-0.001	88	25116	40.0	37.3	
74 1,4-Dioxane	88	7.195	7.190	0.005	61	13154	400.0	452.4	
72 Dibromomethane	93	7.211	7.211	0.000	82	33541	20.0	17.3	
76 n-Propyl acetate	43	7.227	7.227	0.000	98	65672	20.0	19.6	
77 Dichlorobromomethane	83	7.394	7.400	-0.006	99	70597	20.0	15.9	
78 2-Nitropropane	41	7.772	7.777	-0.005	97	19427	40.0	24.7	
80 Epichlorohydrin	57	7.908	7.914	-0.006	97	66645	400.0	161.0	
81 cis-1,3-Dichloropropene	75	8.003	8.003	0.000	92	87930	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	43	8.197	8.197	0.000	97	212655	100.0	106.4	
$ 83 Toluene-d8 (Surr)	98	8.322	8.323	-0.001	97	389466	50.0	53.9	
84 Toluene	91	8.417	8.417	0.000	93	233890	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	8.810	8.810	0.000	95	74297	20.0	18.8	
86 Ethyl methacrylate	69	8.868	8.868	0.000	88	61281	20.0	20.6	
87 1,1,2-Trichloroethane	83	9.072	9.072	0.000	94	39452	20.0	21.5	
88 Tetrachloroethene	166	9.177	9.172	0.005	89	56722	20.0	16.6	
89 1,3-Dichloropropane	76	9.329	9.329	0.000	93	84525	20.0	21.4	
90 2-Hexanone	43	9.408	9.408	0.000	96	146371	100.0	103.1	
93 n-Butyl acetate	43	9.570	9.565	0.005	98	64785	20.0	23.3	
91 Chlorodibromomethane	129	9.612	9.612	0.000	94	47862	20.0	18.0	
92 Ethylene Dibromide	107	9.806	9.801	0.005	99	46447	20.0	19.5	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	86	296173	50.0	50.0	
95 Chlorobenzene	112	10.535	10.535	0.000	93	147450	20.0	20.0	
97 Ethylbenzene	106	10.671	10.672	-0.001	98	81828	20.0	20.1	
96 1,1,1,2-Tetrachloroethane	131	10.671	10.672	-0.001	42	50450	20.0	17.7	
98 m-Xylene & p-Xylene	106	10.865	10.866	-0.001	92	97062	20.0	19.7	
101 n-Butyl acrylate	73	11.453	11.453	0.000	96	33725	20.0	20.1	
99 o-Xylene	106	11.474	11.474	0.000	92	95489	20.0	20.1	
100 Styrene	104	11.510	11.510	0.000	94	155671	20.0	20.8	
102 Bromoform	173	11.767	11.773	-0.006	63	26788	20.0	14.6	
103 Amyl acetate (mixed isomers)	43	11.772	11.773	-0.001	91	66755	20.0	23.7	
104 Isopropylbenzene	105	11.961	11.961	0.000	97	229750	20.0	20.1	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	85	110561	50.0	42.4	
106 Bromobenzene	156	12.365	12.365	0.000	97	56732	20.0	19.5	
107 1,1,2,2-Tetrachloroethane	83	12.402	12.402	0.000	94	52209	20.0	22.8	
108 1,2,3-Trichloropropane	110	12.459	12.454	0.005	57	19665	20.0	22.0	
110 N-Propylbenzene	91	12.464	12.465	-0.001	98	298560	20.0	23.8	
111 2-Chlorotoluene	91	12.585	12.585	0.000	96	208326	20.0	22.6	
112 4-Ethyltoluene	105	12.601	12.601	0.000	95	238606	20.0	22.7	
114 1,3,5-Trimethylbenzene	105	12.679	12.680	-0.001	91	199448	20.0	21.6	
109 trans-1,4-Dichloro-2-butene	53	12.480	12.711	-0.231	46	13936	20.0	17.7	a
113 4-Chlorotoluene	91	12.716	12.716	0.000	98	209458	20.0	23.8	
115 Butyl Methacrylate	87	12.795	12.795	0.000	89	55723	20.0	21.0	
116 tert-Butylbenzene	119	13.015	13.015	0.000	91	166156	20.0	21.1	
117 1,2,4-Trimethylbenzene	105	13.083	13.083	0.000	97	203639	20.0	21.7	
118 sec-Butylbenzene	105	13.246	13.246	0.000	98	237870	20.0	22.7	
119 1,3-Dichlorobenzene	146	13.382	13.382	0.000	93	103701	20.0	20.1	
122 4-Isopropyltoluene	119	13.398	13.398	0.000	95	203916	20.0	21.8	
* 120 1,4-Dichlorobenzene-d4	152	13.455	13.456	-0.001	98	152602	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.482	13.482	0.000	91	103896	20.0	19.6	
123 1,2,3-Trimethylbenzene	105	13.508	13.508	0.000	99	206141	20.0	21.7	
124 Benzyl chloride	91	13.618	13.618	0.000	98	80309	20.0	16.1	
125 2,3-Dihydroindene	117	13.697	13.697	0.000	89	169926	20.0	21.6	
127 p-Diethylbenzene	119	13.765	13.765	0.000	91	115512	20.0	21.3	
128 n-Butylbenzene	92	13.786	13.786	0.000	98	101225	20.0	23.1	
126 1,2-Dichlorobenzene	146	13.838	13.838	0.000	93	92536	20.0	19.6	
130 1,2,4,5-Tetramethylbenzene	119	14.462	14.462	0.000	94	165023	20.0	20.4	
129 1,2-Dibromo-3-Chloropropane	157	14.536	14.536	0.000	92	9614	20.0	17.9	
131 1,3,5-Trichlorobenzene	180	14.677	14.677	0.000	95	59052	20.0	17.9	
132 1,2,4-Trichlorobenzene	180	15.191	15.191	0.000	93	48949	20.0	17.4	
133 Hexachlorobutadiene	225	15.285	15.285	0.000	74	23199	20.0	15.2	
134 Naphthalene	128	15.390	15.390	0.000	99	132173	20.0	20.0	
135 1,2,3-Trichlorobenzene	180	15.589	15.590	-0.001	94	41144	20.0	17.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	39.8	
S 140 Total BTEX	1				0		100.0	103.6	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
GASES Li_00640	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-May-2025 07:29:10 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690542.D

Injection Date: 07-May-2025 18:37:37 Instrument ID: CVOAMS15

Lims ID: LCS

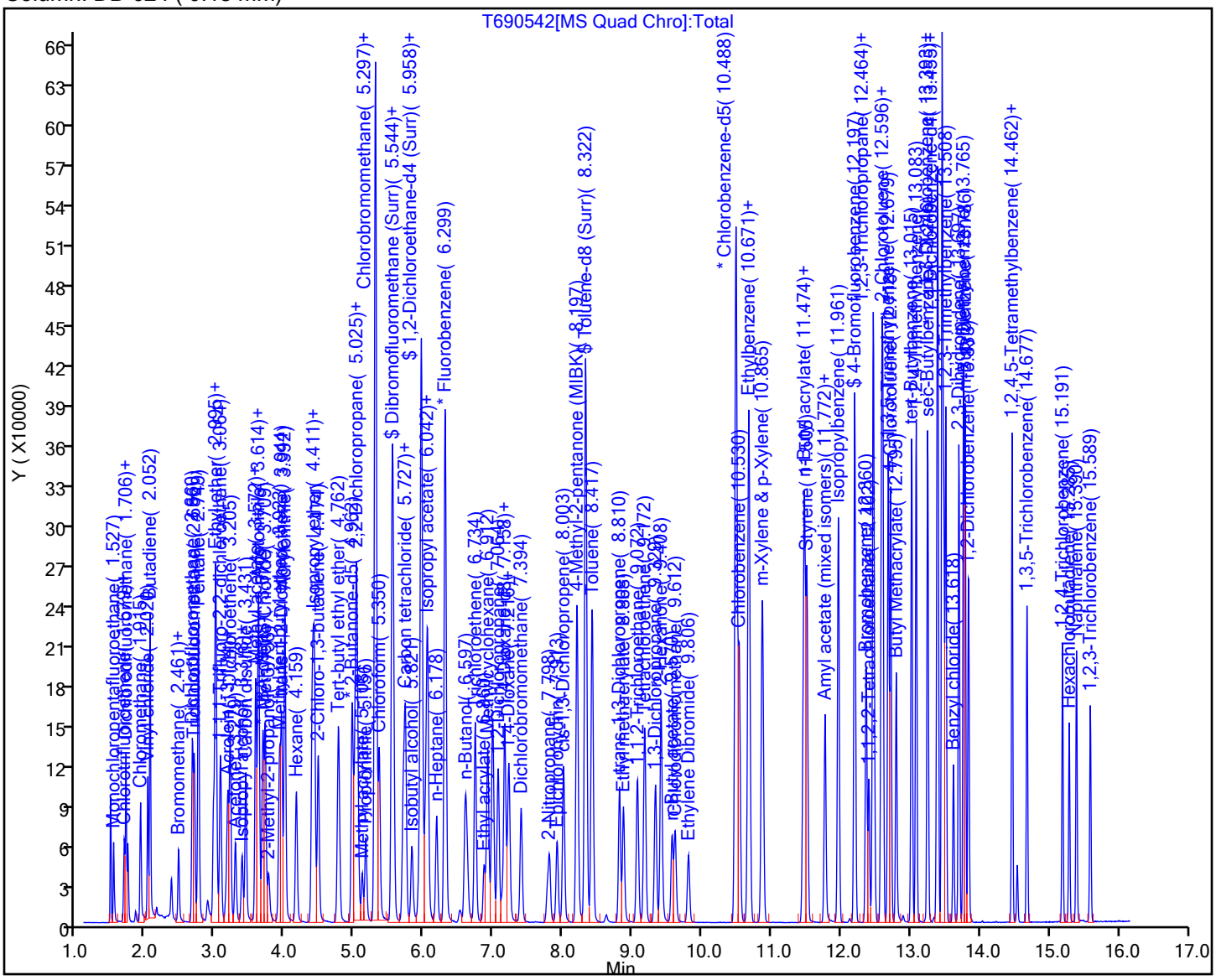
Client ID:

Operator ID: ALS Bottle#: 31 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690542.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-May-2025 18:37:37 ALS Bottle#: 31 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0190476-003
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:29:07 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:04:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.1	82.12
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	41.3	82.70
$ 83 Toluene-d8 (Surr)	50.0	53.9	107.83
$ 105 4-Bromofluorobenzene	50.0	42.4	84.74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1036114/4

Matrix: Water | Lab File ID: T690543.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 19:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	16.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.3		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.0		0.58	0.19
75-34-3	1,1-Dichloroethane	18.5		1.0	0.26
75-35-4	1,1-Dichloroethene	19.7		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	17.4		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	17.3		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	21.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.4		1.0	0.21
107-06-2	1,2-Dichloroethane	15.8		0.30	0.087
78-87-5	1,2-Dichloropropane	18.8		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	21.4		1.0	0.33
541-73-1	1,3-Dichlorobenzene	19.7		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.5		1.0	0.33
78-93-3	2-Butanone (MEK)	94.5		5.0	3.9
591-78-6	2-Hexanone	103		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	106		5.0	1.3
67-64-1	Acetone	97.8		5.0	4.4
71-43-2	Benzene	22.3		0.45	0.070
75-25-2	Bromoform	15.4		1.0	0.54
74-83-9	Bromomethane	14.6		1.0	0.55
75-15-0	Carbon disulfide	18.7		1.0	0.82
56-23-5	Carbon tetrachloride	16.3		1.0	0.21
108-90-7	Chlorobenzene	19.9		1.0	0.38
74-97-5	Chlorobromomethane	17.3		1.0	0.41
124-48-1	Chlorodibromomethane	18.8		0.78	0.086
75-00-3	Chloroethane	23.8		1.0	0.32
67-66-3	Chloroform	17.5		1.0	0.33
74-87-3	Chloromethane	23.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.8		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1036114/4

Matrix: Water | Lab File ID: T690543.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 19:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	20.5		0.45	0.069
110-82-7	Cyclohexane	16.8		1.0	0.32
75-27-4	Dichlorobromomethane	16.0		0.98	0.15
75-71-8	Dichlorodifluoromethane	19.2		1.0	0.31
100-41-4	Ethylbenzene	20.0		1.0	0.30
106-93-4	Ethylene Dibromide	19.9		1.0	0.50
98-82-8	Isopropylbenzene	19.9		1.0	0.34
79-20-9	Methyl acetate	45.4		5.0	0.79
1634-04-4	Methyl tert-butyl ether	17.7		1.0	0.22
108-87-2	Methylcyclohexane	16.1		1.0	0.71
75-09-2	Methylene Chloride	21.3		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	19.8		1.0	0.30
104-51-8	n-Butylbenzene	22.5		1.0	0.32
103-65-1	N-Propylbenzene	23.5		1.0	0.32
95-47-6	o-Xylene	20.3		1.0	0.36
135-98-8	sec-Butylbenzene	21.9		1.0	0.37
100-42-5	Styrene	20.7		1.0	0.42
98-06-6	tert-Butylbenzene	20.7		1.0	0.34
127-18-4	Tetrachloroethene	16.5		0.40	0.28
108-88-3	Toluene	20.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.4		0.45	0.12
79-01-6	Trichloroethene	17.5		0.28	0.074
75-69-4	Trichlorofluoromethane	18.2		1.0	0.32
75-01-4	Vinyl chloride	26.9		1.0	0.40
1330-20-7	Xylenes, Total	40.1		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1036114/4

Matrix: Water | Lab File ID: T690543.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 19:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-128
460-00-4	4-Bromofluorobenzene	85		76-120
1868-53-7	Dibromofluoromethane (Surr)	83		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690543.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-May-2025 19:00:28 ALS Bottle#: 32 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0190476-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:29:07 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:05:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.543	1.543	0.000	52	1490	20.0	15.4	
3 Chlorotrifluoroethene	116	1.669	1.669	0.000	70	4866	20.0	8.55	
2 1,1-Difluoroethane	65	1.680	1.685	-0.005	94	20641	20.0	24.0	
4 Dichlorodifluoromethane	85	1.706	1.706	0.000	99	72453	20.0	19.2	
5 Chlorodifluoromethane	67	1.732	1.732	0.000	98	9203	20.0	19.6	
6 Chloromethane	50	1.916	1.916	0.000	100	72876	20.0	23.8	
7 Vinyl chloride	62	2.020	2.020	0.000	98	71447	20.0	26.9	
8 Butadiene	54	2.052	2.052	0.000	96	66874	20.0	25.6	
9 Bromomethane	94	2.356	2.361	-0.005	96	20621	20.0	14.6	
10 Chloroethane	64	2.461	2.461	0.000	99	39013	20.0	23.8	
11 Dichlorofluoromethane	67	2.660	2.660	0.000	99	107235	20.0	20.5	
12 Trichlorofluoromethane	101	2.686	2.686	0.000	99	93036	20.0	18.2	
13 Pentane	72	2.749	2.749	0.000	94	16217	40.0	35.2	
14 Ethanol	46	2.880	2.880	0.000	98	9163	800.0	1650.7	
15 Ethyl ether	59	2.964	2.964	0.000	92	41378	20.0	20.0	
17 2-Methyl-1,3-butadiene	53	2.990	2.990	0.000	86	42790	20.0	20.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	3.001	3.006	-0.005	89	45140	20.0	19.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.064	3.064	0.000	97	69270	20.0	21.3	
19 Acrolein	56	3.143	3.142	0.001	96	13231	40.0	38.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.174	3.174	0.000	94	43248	20.0	17.1	
20 1,1-Dichloroethene	96	3.205	3.205	0.000	90	47714	20.0	19.7	
22 Acetone	43	3.284	3.284	0.000	86	70302	100.0	97.8	
25 Isopropyl alcohol	45	3.378	3.373	0.005	69	27536	200.0	277.6	
23 Iodomethane	142	3.378	3.378	0.000	97	34414	20.0	10.5	
24 Carbon disulfide	76	3.431	3.431	0.000	98	141827	20.0	18.7	
27 3-Chloro-1-propene	76	3.572	3.572	0.000	90	29924	20.0	22.4	
28 Methyl acetate	43	3.578	3.572	0.006	96	67981	40.0	45.4	
26 Acetonitrile	41	3.604	3.609	-0.005	83	85397	200.0	89.4	
29 Cyclopentene	67	3.614	3.614	0.000	85	138189	20.0	20.7	
* 31 TBA-d9 (IS)	66	3.672	3.677	-0.005	97	27127	1000.0	1000.0	
30 Methylene Chloride	84	3.714	3.709	0.005	85	55204	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.761	3.761	0.000	95	36209	200.0	196.0	
35 Methyl tert-butyl ether	73	3.913	3.918	-0.005	96	135564	20.0	17.7	
34 trans-1,2-Dichloroethene	96	3.950	3.950	0.000	93	52540	20.0	19.4	
33 Acrylonitrile	53	3.992	3.992	0.000	95	169230	200.0	233.1	
36 Hexane	57	4.160	4.160	0.000	93	46545	20.0	15.9	
40 Isopropyl ether	45	4.390	4.390	0.000	94	144859	20.0	22.1	
37 1,1-Dichloroethane	63	4.406	4.411	-0.005	86	87792	20.0	18.5	
38 Vinyl acetate	86	4.422	4.422	0.000	99	17345	40.0	12.4	
39 2-Chloro-1,3-butadiene	88	4.474	4.474	0.000	88	43550	20.0	18.3	
41 Tert-butyl ethyl ether	59	4.763	4.763	0.000	90	129542	20.0	17.2	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	62	197169	250.0	250.0	
44 2,2-Dichloropropane	97	5.009	5.004	0.005	85	15992	20.0	16.2	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	69	56077	20.0	18.8	
45 2-Butanone (MEK)	72	5.025	5.025	0.000	98	27683	100.0	94.5	
47 Ethyl acetate	70	5.046	5.046	0.000	96	9902	40.0	13.5	
48 Methyl acrylate	55	5.109	5.109	0.000	99	38035	20.0	19.0	
46 Propionitrile	54	5.156	5.156	0.000	97	63080	200.0	216.1	
49 Chlorobromomethane	128	5.287	5.287	0.000	49	23642	20.0	17.3	
51 Tetrahydrofuran	72	5.297	5.297	0.000	28	11849	40.0	14.2	
50 Methacrylonitrile	67	5.297	5.297	0.000	92	196805	200.0	210.5	
52 Chloroform	83	5.350	5.350	0.000	99	95854	20.0	17.5	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	93391	50.0	41.7	
54 1,1,1-Trichloroethane	97	5.544	5.544	0.000	94	88696	20.0	16.5	
55 Cyclohexane	84	5.554	5.554	0.000	86	65281	20.0	16.8	
56 Carbon tetrachloride	117	5.701	5.701	0.000	99	74533	20.0	16.3	
57 1,1-Dichloropropene	75	5.727	5.727	0.000	96	72470	20.0	17.8	
59 Isobutyl alcohol	43	5.822	5.822	0.000	97	40281	500.0	651.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	82	126254	50.0	44.0	
62 Isooctane	57	5.958	5.958	0.000	54	81677	20.0	15.0	
60 Benzene	78	5.963	5.958	0.005	95	202434	20.0	22.3	
63 Isopropyl acetate	61	6.011	6.010	0.000	97	21436	20.0	17.4	a
64 Tert-amyl methyl ether	73	6.047	6.042	0.005	97	126841	20.0	17.5	
61 1,2-Dichloroethane	62	6.047	6.047	0.000	73	73794	20.0	15.8	
66 n-Heptane	43	6.178	6.178	0.000	91	36723	20.0	15.7	
* 65 Fluorobenzene	96	6.299	6.299	0.000	98	387491	50.0	50.0	
68 n-Butanol	56	6.619	6.619	0.000	85	24861	500.0	564.4	
67 Trichloroethene	95	6.734	6.734	0.000	97	55530	20.0	17.5	
69 Ethyl acrylate	55	6.860	6.860	0.000	99	48389	20.0	17.3	
70 Methylcyclohexane	83	6.912	6.912	0.000	95	65356	20.0	16.1	
71 1,2-Dichloropropane	63	7.064	7.064	0.000	85	47636	20.0	18.8	
* 73 1,4-Dioxane-d8	96	7.122	7.122	0.000	1	22741	1000.0	1000.0	
75 Methyl methacrylate	100	7.159	7.159	0.000	87	23170	40.0	37.4	
74 1,4-Dioxane	88	7.190	7.190	0.000	75	11708	400.0	444.0	
72 Dibromomethane	93	7.211	7.211	0.000	88	32062	20.0	18.0	
76 n-Propyl acetate	43	7.222	7.227	-0.005	99	63482	20.0	20.6	
77 Dichlorobromomethane	83	7.395	7.400	-0.005	99	65163	20.0	16.0	
78 2-Nitropropane	41	7.777	7.777	0.000	97	19424	40.0	26.8	
80 Epichlorohydrin	57	7.909	7.914	-0.006	99	62160	400.0	162.9	
81 cis-1,3-Dichloropropene	75	8.003	8.003	0.000	92	80934	20.0	20.5	
82 4-Methyl-2-pentanone (MIBK)	43	8.197	8.197	0.000	97	195714	100.0	106.2	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	98	357234	50.0	54.2	
84 Toluene	91	8.417	8.417	0.000	93	213001	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	8.810	8.810	0.000	96	70157	20.0	19.4	
86 Ethyl methacrylate	69	8.868	8.868	0.000	87	56957	20.0	21.0	
87 1,1,2-Trichloroethane	83	9.067	9.072	-0.005	93	35089	20.0	21.0	
88 Tetrachloroethene	166	9.172	9.172	0.000	92	51539	20.0	16.5	
89 1,3-Dichloropropane	76	9.329	9.329	0.000	93	77175	20.0	21.5	
90 2-Hexanone	43	9.408	9.408	0.000	96	135257	100.0	103.3	
93 n-Butyl acetate	43	9.565	9.565	0.000	96	58382	20.0	23.1	
91 Chlorodibromomethane	129	9.613	9.612	0.001	95	45654	20.0	18.8	
92 Ethylene Dibromide	107	9.801	9.801	0.000	97	43078	20.0	19.9	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	88	270085	50.0	50.0	
95 Chlorobenzene	112	10.535	10.535	0.000	93	133562	20.0	19.9	
97 Ethylbenzene	106	10.672	10.672	0.000	99	74426	20.0	20.0	
96 1,1,1,2-Tetrachloroethane	131	10.677	10.672	0.005	39	47822	20.0	18.4	
98 m-Xylene & p-Xylene	106	10.866	10.866	0.000	92	88705	20.0	19.8	
101 n-Butyl acrylate	73	11.453	11.453	0.000	97	30723	20.0	20.1	
99 o-Xylene	106	11.474	11.474	0.000	92	88233	20.0	20.3	
100 Styrene	104	11.511	11.510	0.001	93	141545	20.0	20.7	
102 Bromoform	173	11.767	11.773	-0.006	65	25655	20.0	15.4	
103 Amyl acetate (mixed isomers)	43	11.773	11.773	0.000	92	61436	20.0	23.5	
104 Isopropylbenzene	105	11.961	11.961	0.000	96	207161	20.0	19.9	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	86	101538	50.0	42.7	
106 Bromobenzene	156	12.365	12.365	0.000	98	51804	20.0	19.2	
107 1,1,2,2-Tetrachloroethane	83	12.402	12.402	0.000	95	47533	20.0	22.3	
108 1,2,3-Trichloropropane	110	12.460	12.454	0.006	57	18104	20.0	21.8	
110 N-Propylbenzene	91	12.465	12.465	0.000	98	273215	20.0	23.5	
111 2-Chlorotoluene	91	12.585	12.585	0.000	96	190546	20.0	22.3	
112 4-Ethyltoluene	105	12.601	12.601	0.000	95	218050	20.0	22.4	
114 1,3,5-Trimethylbenzene	105	12.680	12.680	0.000	90	183451	20.0	21.4	
109 trans-1,4-Dichloro-2-butene	53	12.480	12.711	-0.231	45	13420	20.0	18.3	a
113 4-Chlorotoluene	91	12.716	12.716	0.000	99	192379	20.0	23.6	
115 Butyl Methacrylate	87	12.795	12.795	0.000	89	50658	20.0	20.6	
116 tert-Butylbenzene	119	13.015	13.015	0.000	88	151393	20.0	20.7	
117 1,2,4-Trimethylbenzene	105	13.083	13.083	0.000	97	187026	20.0	21.4	
118 sec-Butylbenzene	105	13.246	13.246	0.000	98	212991	20.0	21.9	
119 1,3-Dichlorobenzene	146	13.382	13.382	0.000	92	94409	20.0	19.7	
122 4-Isopropyltoluene	119	13.393	13.398	-0.005	95	185327	20.0	21.4	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	97	141651	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.482	13.482	0.000	92	95645	20.0	19.5	
123 1,2,3-Trimethylbenzene	105	13.508	13.508	0.000	99	188670	20.0	21.4	
124 Benzyl chloride	91	13.618	13.618	0.000	98	73081	20.0	15.8	
125 2,3-Dihydroindene	117	13.697	13.697	0.000	90	153940	20.0	21.1	
127 p-Diethylbenzene	119	13.765	13.765	0.000	90	105144	20.0	20.9	
128 n-Butylbenzene	92	13.786	13.786	0.000	98	91607	20.0	22.5	
126 1,2-Dichlorobenzene	146	13.838	13.838	0.000	94	85057	20.0	19.4	
130 1,2,4,5-Tetramethylbenzene	119	14.462	14.462	0.000	95	153142	20.0	20.4	
129 1,2-Dibromo-3-Chloropropane	157	14.541	14.536	0.005	92	9158	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	14.677	14.677	0.000	95	54448	20.0	17.8	
132 1,2,4-Trichlorobenzene	180	15.191	15.191	0.000	93	45075	20.0	17.3	
133 Hexachlorobutadiene	225	15.286	15.285	0.001	74	21559	20.0	15.3	
134 Naphthalene	128	15.390	15.390	0.000	99	123554	20.0	20.1	
135 1,2,3-Trichlorobenzene	180	15.590	15.590	0.000	93	38141	20.0	17.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	40.1	
S 140 Total BTEX	1				0		100.0	103.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
GASES Li_00640	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-May-2025 07:29:16 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690543.D

Injection Date: 07-May-2025 19:00:28 Instrument ID: CVOAMS15

Lims ID: LCSD

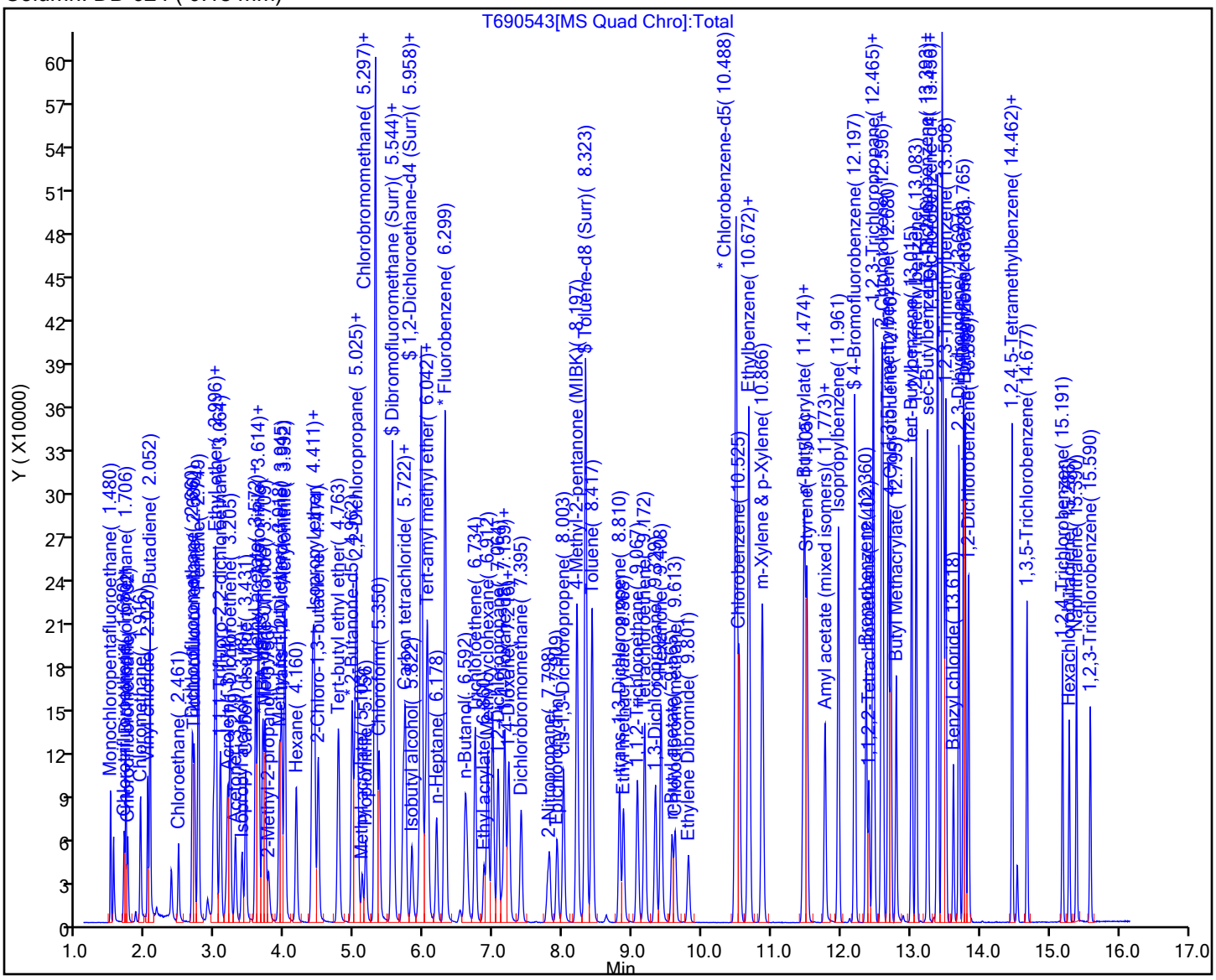
Client ID:

Operator ID: ALS Bottle#: 32 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690543.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-May-2025 19:00:28 ALS Bottle#: 32 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0190476-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:29:07 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:05:24

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.7	83.44
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.0	88.04
$ 83 Toluene-d8 (Surr)	50.0	54.2	108.46
$ 105 4-Bromofluorobenzene	50.0	42.7	85.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 MS | Lab Sample ID: 460-325502-1 MS

Matrix: Water | Lab File ID: T690566.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 03:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	15.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	23.4		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17.8		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.5		0.58	0.19
75-34-3	1,1-Dichloroethane	18.6		1.0	0.26
75-35-4	1,1-Dichloroethene	18.4		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	15.0		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	14.9		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	18.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	16.5		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.4		1.0	0.21
107-06-2	1,2-Dichloroethane	14.3		0.30	0.087
78-87-5	1,2-Dichloropropane	19.7		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	19.1		1.0	0.33
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.7		1.0	0.33
78-93-3	2-Butanone (MEK)	86.9		5.0	3.9
591-78-6	2-Hexanone	98.8		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	1.3
67-64-1	Acetone	81.4		5.0	4.4
71-43-2	Benzene	22.2		0.45	0.070
75-25-2	Bromoform	13.8		1.0	0.54
74-83-9	Bromomethane	7.03		1.0	0.55
75-15-0	Carbon disulfide	17.0		1.0	0.82
56-23-5	Carbon tetrachloride	15.2		1.0	0.21
108-90-7	Chlorobenzene	19.4		1.0	0.38
74-97-5	Chlorobromomethane	16.9		1.0	0.41
124-48-1	Chlorodibromomethane	17.3		0.78	0.086
75-00-3	Chloroethane	21.8		1.0	0.32
67-66-3	Chloroform	18.2		1.0	0.33
74-87-3	Chloromethane	20.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 MS | Lab Sample ID: 460-325502-1 MS

Matrix: Water | Lab File ID: T690566.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 03:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	18.4		0.45	0.069
110-82-7	Cyclohexane	18.4		1.0	0.32
75-27-4	Dichlorobromomethane	15.3		0.98	0.15
75-71-8	Dichlorodifluoromethane	19.0		1.0	0.31
100-41-4	Ethylbenzene	19.1		1.0	0.30
106-93-4	Ethylene Dibromide	19.1		1.0	0.50
98-82-8	Isopropylbenzene	19.4		1.0	0.34
79-20-9	Methyl acetate	36.8		5.0	0.79
1634-04-4	Methyl tert-butyl ether	15.1		1.0	0.22
108-87-2	Methylcyclohexane	17.8		1.0	0.71
75-09-2	Methylene Chloride	20.0		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	18.5		1.0	0.30
104-51-8	n-Butylbenzene	21.3		1.0	0.32
103-65-1	N-Propylbenzene	22.8		1.0	0.32
95-47-6	o-Xylene	19.1		1.0	0.36
135-98-8	sec-Butylbenzene	21.5		1.0	0.37
100-42-5	Styrene	16.1		1.0	0.42
98-06-6	tert-Butylbenzene	20.1		1.0	0.34
127-18-4	Tetrachloroethene	49.5		0.40	0.28
108-88-3	Toluene	20.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	16.2		0.45	0.12
79-01-6	Trichloroethene	17.4		0.28	0.074
75-69-4	Trichlorofluoromethane	16.9		1.0	0.32
75-01-4	Vinyl chloride	25.3		1.0	0.40
1330-20-7	Xylenes, Total	37.6		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 MS | Lab Sample ID: 460-325502-1 MS

Matrix: Water | Lab File ID: T690566.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 03:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		70-128
460-00-4	4-Bromofluorobenzene	84		76-120
1868-53-7	Dibromofluoromethane (Surr)	85		77-132
2037-26-5	Toluene-d8 (Surr)	107		80-120

Report Date: 08-May-2025 07:28:18 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690566.D
Lims ID: 460-325502-A-1 MS
Client ID: MW-06_20250501
Sample Type: MS
Inject. Date: 08-May-2025 03:47:06 ALS Bottle#: 55 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-1 MS
Misc. Info.: 460-0190476-027
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:13:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.548	1.543	0.005	14	553	20.0	5.60	
3 Chlorotrifluoroethene	116	1.669	1.669	0.000	39	1369	20.0	2.36	
2 1,1-Difluoroethane	65	1.685	1.685	0.000	91	12695	20.0	14.5	
4 Dichlorodifluoromethane	85	1.706	1.706	0.000	100	73142	20.0	19.0	
5 Chlorodifluoromethane	67	1.732	1.732	0.000	78	5681	20.0	11.8	
6 Chloromethane	50	1.915	1.916	-0.001	99	65061	20.0	20.9	
7 Vinyl chloride	62	2.020	2.021	-0.001	99	68569	20.0	25.3	
8 Butadiene	54	2.052	2.052	0.000	95	54627	20.0	20.6	
9 Bromomethane	94	2.361	2.361	0.000	91	10461	20.0	7.03	
10 Chloroethane	64	2.461	2.461	0.000	99	36372	20.0	21.8	
11 Dichlorofluoromethane	67	2.660	2.660	0.000	98	98616	20.0	18.5	
12 Trichlorofluoromethane	101	2.691	2.686	0.005	99	87877	20.0	16.9	
13 Pentane	72	2.749	2.749	0.000	96	16531	40.0	35.2	
14 Ethanol	46	2.880	2.880	0.000	98	6954	800.0	1541.8	
15 Ethyl ether	59	2.964	2.964	0.000	91	36465	20.0	17.3	
17 2-Methyl-1,3-butadiene	53	2.990	2.996	-0.006	86	28387	20.0	13.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	3.006	3.006	0.000	86	33266	20.0	14.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.064	3.064	0.000	97	54549	20.0	16.4	
19 Acrolein	56	3.142	3.143	-0.001	97	12263	40.0	35.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.169	3.174	-0.005	95	45856	20.0	17.8	
20 1,1-Dichloroethene	96	3.205	3.205	0.000	99	45519	20.0	18.4	
22 Acetone	43	3.279	3.279	0.000	86	59735	100.0	81.4	
25 Isopropyl alcohol	45	3.373	3.373	0.000	75	21676	200.0	268.9	
23 Iodomethane	142	3.378	3.378	0.000	98	29407	20.0	8.82	
24 Carbon disulfide	76	3.431	3.431	0.000	99	130991	20.0	17.0	
27 3-Chloro-1-propene	76	3.572	3.572	0.000	91	26093	20.0	19.2	
28 Methyl acetate	43	3.577	3.578	-0.001	94	56101	40.0	36.8	
26 Acetonitrile	41	3.609	3.609	0.000	84	75733	200.0	112.0	
29 Cyclopentene	67	3.614	3.614	0.000	82	103645	20.0	15.3	
* 31 TBA-d9 (IS)	66	3.677	3.672	0.005	97	22041	1000.0	1000.0	
30 Methylene Chloride	84	3.709	3.714	-0.005	89	52687	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.761	3.756	0.005	92	28255	200.0	188.2	
35 Methyl tert-butyl ether	73	3.918	3.919	0.000	97	117858	20.0	15.1	
34 trans-1,2-Dichloroethene	96	3.945	3.950	-0.006	93	51293	20.0	18.6	
33 Acrylonitrile	53	3.992	3.992	0.000	93	158381	200.0	214.0	
36 Hexane	57	4.159	4.160	-0.001	94	49199	20.0	16.5	
40 Isopropyl ether	45	4.385	4.390	-0.005	94	141798	20.0	21.3	
37 1,1-Dichloroethane	63	4.411	4.406	0.005	77	89739	20.0	18.6	
38 Vinyl acetate	86	4.422	4.422	0.000	99	17095	40.0	17.2	
39 2-Chloro-1,3-butadiene	88	4.474	4.474	0.000	90	38180	20.0	15.8	
41 Tert-butyl ethyl ether	59	4.768	4.768	0.000	92	114816	20.0	14.9	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	54	140303	250.0	250.0	
44 2,2-Dichloropropane	97	5.009	5.009	0.000	83	13129	20.0	13.1	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	72	58826	20.0	19.3	
45 2-Butanone (MEK)	72	5.025	5.030	-0.005	98	26052	100.0	86.9	
46 Propionitrile	54	5.156	5.030	0.126	97	62780	200.0	210.9	a
47 Ethyl acetate	70	5.046	5.046	0.000	95	9145	40.0	17.5	a
48 Methyl acrylate	55	5.103	5.109	-0.006	99	33745	20.0	16.6	
49 Chlorobromomethane	128	5.292	5.287	0.005	47	23511	20.0	16.9	
51 Tetrahydrofuran	72	5.297	5.292	0.005	27	11115	40.0	18.8	
50 Methacrylonitrile	67	5.297	5.297	0.000	93	192938	200.0	202.5	
52 Chloroform	83	5.350	5.350	0.000	99	101265	20.0	18.2	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	97061	50.0	42.5	
54 1,1,1-Trichloroethane	97	5.544	5.544	0.000	92	85878	20.0	15.7	
55 Cyclohexane	84	5.554	5.554	0.000	90	72725	20.0	18.4	
56 Carbon tetrachloride	117	5.701	5.701	0.000	98	70719	20.0	15.2	
57 1,1-Dichloropropene	75	5.732	5.727	0.005	98	72218	20.0	17.4	
59 Isobutyl alcohol	43	5.822	5.822	0.000	96	36468	500.0	726.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	80	120597	50.0	41.2	
62 Isooctane	57	5.958	5.958	0.000	55	91124	20.0	16.4	
60 Benzene	78	5.963	5.958	0.005	95	212542	20.0	22.2	
63 Isopropyl acetate	61	6.016	6.011	0.006	95	20948	20.0	16.7	
61 1,2-Dichloroethane	62	6.047	6.042	0.005	83	67748	20.0	14.3	
64 Tert-amyl methyl ether	73	6.042	6.047	-0.005	95	114672	20.0	15.5	
66 n-Heptane	43	6.178	6.178	0.000	91	38398	20.0	16.1	
* 65 Fluorobenzene	96	6.299	6.299	0.000	98	395018	50.0	50.0	
68 n-Butanol	56	6.618	6.619	-0.001	91	20990	500.0	586.5	
67 Trichloroethene	95	6.734	6.734	0.000	98	56044	20.0	17.4	
69 Ethyl acrylate	55	6.865	6.865	0.000	98	46121	20.0	16.2	
70 Methylcyclohexane	83	6.917	6.912	0.005	95	73525	20.0	17.8	
71 1,2-Dichloropropane	63	7.064	7.059	0.005	90	50997	20.0	19.7	
* 73 1,4-Dioxane-d8	96	7.117	7.127	-0.010	1	22331	1000.0	1000.0	
75 Methyl methacrylate	100	7.164	7.159	0.005	88	20452	40.0	32.3	
74 1,4-Dioxane	88	7.195	7.190	0.005	60	10994	400.0	424.6	
72 Dibromomethane	93	7.216	7.211	0.005	77	31293	20.0	17.2	
76 n-Propyl acetate	43	7.227	7.227	0.000	98	55868	20.0	17.8	
77 Dichlorobromomethane	83	7.394	7.395	-0.001	98	63569	20.0	15.3	
78 2-Nitropropane	41	7.777	7.777	0.000	96	15286	40.0	20.7	
80 Epichlorohydrin	57	7.908	7.914	-0.006	96	18747	400.0	68.7	
81 cis-1,3-Dichloropropene	75	8.008	8.003	0.005	92	76566	20.0	18.4	
82 4-Methyl-2-pentanone (MIBK)	43	8.197	8.197	0.000	97	195463	100.0	104.1	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	-0.001	98	371195	50.0	53.4	
84 Toluene	91	8.417	8.417	0.000	92	219679	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	8.810	8.810	0.000	96	61979	20.0	16.2	
86 Ethyl methacrylate	69	8.868	8.868	0.000	88	52183	20.0	18.2	
87 1,1,2-Trichloroethane	83	9.067	9.067	0.000	94	37864	20.0	21.5	
88 Tetrachloroethene	166	9.177	9.172	0.005	95	162785	20.0	49.5	
89 1,3-Dichloropropane	76	9.329	9.324	0.005	91	78282	20.0	20.6	
90 2-Hexanone	43	9.408	9.408	0.000	98	131886	100.0	98.8	
93 n-Butyl acetate	43	9.565	9.565	0.000	97	51615	20.0	19.3	
91 Chlorodibromomethane	129	9.618	9.613	0.005	94	44300	20.0	17.3	
92 Ethylene Dibromide	107	9.806	9.801	0.005	98	43603	20.0	19.1	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	87	285153	50.0	50.0	
95 Chlorobenzene	112	10.530	10.530	0.000	93	137715	20.0	19.4	
97 Ethylbenzene	106	10.677	10.672	0.005	98	75084	20.0	19.1	
96 1,1,1,2-Tetrachloroethane	131	10.677	10.672	0.005	42	47500	20.0	17.3	
98 m-Xylene & p-Xylene	106	10.871	10.871	0.000	92	87890	20.0	18.5	
101 n-Butyl acrylate	73	11.458	11.453	0.005	72	28031	20.0	17.3	
99 o-Xylene	106	11.479	11.474	0.005	93	87366	20.0	19.1	
100 Styrene	104	11.510	11.511	-0.001	93	115954	20.0	16.1	
102 Bromoform	173	11.767	11.767	0.000	65	24257	20.0	13.8	
103 Amyl acetate (mixed isomers)	43	11.772	11.773	-0.001	91	56223	20.0	20.5	
104 Isopropylbenzene	105	11.961	11.961	0.000	96	213880	20.0	19.4	
$ 105 4-Bromofluorobenzene	174	12.202	12.197	0.005	87	104999	50.0	41.8	
106 Bromobenzene	156	12.365	12.365	0.000	98	53091	20.0	18.7	
107 1,1,2,2-Tetrachloroethane	83	12.402	12.402	0.000	90	52248	20.0	23.4	
108 1,2,3-Trichloropropane	110	12.459	12.460	-0.001	57	18124	20.0	20.8	
110 N-Propylbenzene	91	12.465	12.465	0.000	98	278108	20.0	22.8	
111 2-Chlorotoluene	91	12.585	12.585	0.000	96	195053	20.0	21.7	
112 4-Ethyltoluene	105	12.601	12.601	0.000	96	216284	20.0	21.1	
114 1,3,5-Trimethylbenzene	105	12.680	12.680	0.000	90	171569	20.0	19.1	
113 4-Chlorotoluene	91	12.716	12.716	0.000	98	196774	20.0	23.0	
109 trans-1,4-Dichloro-2-butene	53	12.480	12.722	-0.242	45	11545	20.0	15.0	a
115 Butyl Methacrylate	87	12.795	12.795	0.000	89	47831	20.0	18.5	
116 tert-Butylbenzene	119	13.020	13.015	0.005	89	154310	20.0	20.1	
117 1,2,4-Trimethylbenzene	105	13.083	13.083	0.000	97	167536	20.0	18.3	
118 sec-Butylbenzene	105	13.246	13.246	0.000	98	219784	20.0	21.5	
119 1,3-Dichlorobenzene	146	13.382	13.382	0.000	93	96432	20.0	19.2	
122 4-Isopropyltoluene	119	13.398	13.398	0.000	92	179594	20.0	19.8	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	98	148664	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.482	13.482	0.000	91	96208	20.0	18.7	
123 1,2,3-Trimethylbenzene	105	13.508	13.508	0.000	99	179688	20.0	19.4	
124 Benzyl chloride	91	13.618	13.618	0.000	98	52105	20.0	10.7	
125 2,3-Dihydroindene	117	13.697	13.697	0.000	88	151808	20.0	19.8	
127 p-Diethylbenzene	119	13.765	13.765	0.000	90	100960	20.0	19.1	
128 n-Butylbenzene	92	13.786	13.786	0.000	98	91033	20.0	21.3	
126 1,2-Dichlorobenzene	146	13.838	13.838	0.000	94	89419	20.0	19.4	
130 1,2,4,5-Tetramethylbenzene	119	14.462	14.462	0.000	95	113786	20.0	14.4	
129 1,2-Dibromo-3-Chloropropane	157	14.541	14.541	0.000	93	8634	20.0	16.5	
131 1,3,5-Trichlorobenzene	180	14.677	14.677	0.000	95	51626	20.0	16.0	
132 1,2,4-Trichlorobenzene	180	15.191	15.191	0.000	92	40685	20.0	14.9	
133 Hexachlorobutadiene	225	15.285	15.286	-0.001	73	20746	20.0	14.0	
134 Naphthalene	128	15.390	15.390	0.000	99	102871	20.0	16.0	
135 1,2,3-Trichlorobenzene	180	15.589	15.590	-0.001	94	34567	20.0	15.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	37.6	
S 140 Total BTEX	1				0		100.0	99.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	34.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00640	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-May-2025 07:28:19 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690566.D

Injection Date: 08-May-2025 03:47:06 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-1 MS

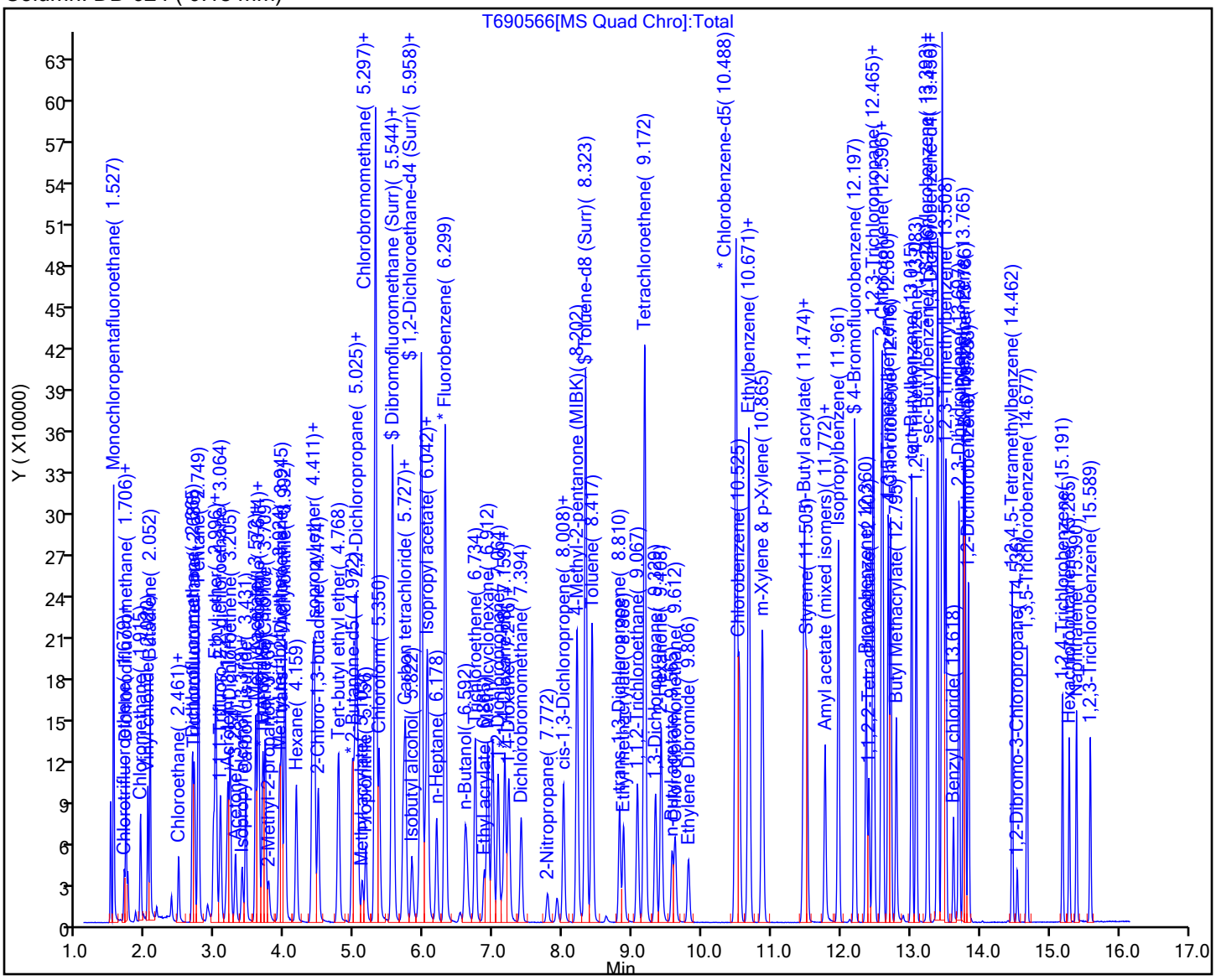
Client ID: MW-06_20250501

Operator ID: ALS Bottle#: 55 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690566.D
Lims ID: 460-325502-A-1 MS
Client ID: MW-06_20250501
Sample Type: MS
Inject. Date: 08-May-2025 03:47:06 ALS Bottle#: 55 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-1 MS
Misc. Info.: 460-0190476-027
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:13:45

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	42.5	85.07
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	41.2	82.49
$ 83 Toluene-d8 (Surr)	50.0	53.4	106.75
$ 105 4-Bromofluorobenzene	50.0	41.8	83.59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 MSD | Lab Sample ID: 460-325502-1 MSD

Matrix: Water | Lab File ID: T690567.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 04:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	16.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	24.8		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	22.6		0.58	0.19
75-34-3	1,1-Dichloroethane	19.6		1.0	0.26
75-35-4	1,1-Dichloroethene	19.6		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	16.8		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	16.7		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	20.0		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.5		1.0	0.21
107-06-2	1,2-Dichloroethane	15.2		0.30	0.087
78-87-5	1,2-Dichloropropane	20.8		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	20.5		1.0	0.33
541-73-1	1,3-Dichlorobenzene	20.4		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.1		1.0	0.33
78-93-3	2-Butanone (MEK)	91.6		5.0	3.9
591-78-6	2-Hexanone	106		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	110		5.0	1.3
67-64-1	Acetone	87.1		5.0	4.4
71-43-2	Benzene	24.1		0.45	0.070
75-25-2	Bromoform	15.1		1.0	0.54
74-83-9	Bromomethane	12.2		1.0	0.55
75-15-0	Carbon disulfide	18.2		1.0	0.82
56-23-5	Carbon tetrachloride	16.6		1.0	0.21
108-90-7	Chlorobenzene	21.1		1.0	0.38
74-97-5	Chlorobromomethane	18.1		1.0	0.41
124-48-1	Chlorodibromomethane	18.5		0.78	0.086
75-00-3	Chloroethane	22.7		1.0	0.32
67-66-3	Chloroform	19.0		1.0	0.33
74-87-3	Chloromethane	22.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.0		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 MSD | Lab Sample ID: 460-325502-1 MSD

Matrix: Water | Lab File ID: T690567.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 04:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	20.3		0.45	0.069
110-82-7	Cyclohexane	19.7		1.0	0.32
75-27-4	Dichlorobromomethane	16.2		0.98	0.15
75-71-8	Dichlorodifluoromethane	20.1		1.0	0.31
100-41-4	Ethylbenzene	20.8		1.0	0.30
106-93-4	Ethylene Dibromide	20.6		1.0	0.50
98-82-8	Isopropylbenzene	21.3		1.0	0.34
79-20-9	Methyl acetate	38.3		5.0	0.79
1634-04-4	Methyl tert-butyl ether	16.1		1.0	0.22
108-87-2	Methylcyclohexane	18.9		1.0	0.71
75-09-2	Methylene Chloride	21.4		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	20.2		1.0	0.30
104-51-8	n-Butylbenzene	23.0		1.0	0.32
103-65-1	N-Propylbenzene	24.5		1.0	0.32
95-47-6	o-Xylene	20.8		1.0	0.36
135-98-8	sec-Butylbenzene	23.1		1.0	0.37
100-42-5	Styrene	17.9		1.0	0.42
98-06-6	tert-Butylbenzene	21.7		1.0	0.34
127-18-4	Tetrachloroethene	52.3		0.40	0.28
108-88-3	Toluene	22.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.4		0.45	0.12
79-01-6	Trichloroethene	18.4		0.28	0.074
75-69-4	Trichlorofluoromethane	17.8		1.0	0.32
75-01-4	Vinyl chloride	26.7		1.0	0.40
1330-20-7	Xylenes, Total	41.0		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 MSD | Lab Sample ID: 460-325502-1 MSD

Matrix: Water | Lab File ID: T690567.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 04:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		70-128
460-00-4	4-Bromofluorobenzene	85		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

Report Date: 08-May-2025 07:28:25 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690567.D
Lims ID: 460-325502-A-1 MSD
Client ID: MW-06_20250501
Sample Type: MSD
Inject. Date: 08-May-2025 04:09:58 ALS Bottle#: 56 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-1 MSD
Misc. Info.: 460-0190476-028
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:15:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.543	1.543	0.000	20	507	20.0	4.90	
3 Chlorotrifluoroethene	116	1.669	1.669	0.000	58	2133	20.0	3.51	
2 1,1-Difluoroethane	65	1.680	1.685	-0.005	94	13945	20.0	15.2	
4 Dichlorodifluoromethane	85	1.706	1.706	0.000	99	81287	20.0	20.1	
5 Chlorodifluoromethane	67	1.732	1.732	0.000	98	6273	20.0	12.5	
6 Chloromethane	50	1.916	1.916	0.000	100	72820	20.0	22.3	
7 Vinyl chloride	62	2.020	2.021	-0.001	99	75778	20.0	26.7	
8 Butadiene	54	2.052	2.052	0.000	97	61610	20.0	22.1	
9 Bromomethane	94	2.361	2.361	0.000	96	18566	20.0	12.2	
10 Chloroethane	64	2.461	2.461	0.000	99	39615	20.0	22.7	
11 Dichlorofluoromethane	67	2.660	2.660	0.000	99	108493	20.0	19.4	
12 Trichlorofluoromethane	101	2.686	2.686	0.000	98	97118	20.0	17.8	
13 Pentane	72	2.749	2.749	0.000	96	19019	40.0	38.6	
14 Ethanol	46	2.880	2.880	0.000	98	8449	800.0	1730.7	
15 Ethyl ether	59	2.964	2.964	0.000	92	41814	20.0	18.9	
17 2-Methyl-1,3-butadiene	53	2.990	2.996	-0.006	86	33033	20.0	14.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	3.006	3.006	0.000	95	37854	20.0	15.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.064	3.064	0.000	96	58631	20.0	16.9	
19 Acrolein	56	3.137	3.143	-0.006	94	14284	40.0	39.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.169	3.174	-0.005	96	51008	20.0	18.9	
20 1,1-Dichloroethene	96	3.205	3.205	0.000	98	50819	20.0	19.6	
22 Acetone	43	3.284	3.279	0.005	86	66936	100.0	87.1	
25 Isopropyl alcohol	45	3.373	3.373	0.000	67	25506	200.0	292.4	
23 Iodomethane	142	3.378	3.378	0.000	97	37127	20.0	10.6	
24 Carbon disulfide	76	3.431	3.431	0.000	99	146851	20.0	18.2	
27 3-Chloro-1-propene	76	3.572	3.572	0.000	91	30414	20.0	21.3	
28 Methyl acetate	43	3.578	3.578	0.000	89	61320	40.0	38.3	
26 Acetonitrile	41	3.609	3.609	0.000	81	86003	200.0	112.9	
29 Cyclopentene	67	3.614	3.614	0.000	84	116077	20.0	16.3	
* 31 TBA-d9 (IS)	66	3.677	3.672	0.005	96	23856	1000.0	1000.0	
30 Methylene Chloride	84	3.709	3.714	-0.005	90	59040	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.761	3.756	0.005	94	32346	200.0	199.1	
35 Methyl tert-butyl ether	73	3.918	3.919	0.000	97	131761	20.0	16.1	
34 trans-1,2-Dichloroethene	96	3.950	3.950	0.000	85	55677	20.0	19.2	
33 Acrylonitrile	53	3.992	3.992	0.000	92	175506	200.0	226.3	
36 Hexane	57	4.160	4.160	0.000	93	56466	20.0	18.1	
40 Isopropyl ether	45	4.385	4.390	-0.005	96	159419	20.0	22.8	
37 1,1-Dichloroethane	63	4.411	4.406	0.005	76	99305	20.0	19.6	
38 Vinyl acetate	86	4.422	4.422	0.000	99	19788	40.0	17.6	
39 2-Chloro-1,3-butadiene	88	4.474	4.474	0.000	91	42322	20.0	16.7	
41 Tert-butyl ethyl ether	59	4.763	4.768	-0.005	91	132348	20.0	16.4	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	54	158168	250.0	250.0	
44 2,2-Dichloropropane	97	5.004	5.009	-0.005	87	14927	20.0	14.2	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	71	63991	20.0	20.0	
45 2-Butanone (MEK)	72	5.025	5.030	-0.005	98	28711	100.0	91.6	
46 Propionitrile	54	5.161	5.030	0.131	97	68919	200.0	221.1	a
47 Ethyl acetate	70	5.046	5.046	0.000	96	10221	40.0	17.4	
48 Methyl acrylate	55	5.109	5.109	0.000	99	37428	20.0	17.5	
49 Chlorobromomethane	128	5.292	5.287	0.005	46	26371	20.0	18.1	
51 Tetrahydrofuran	72	5.297	5.292	0.005	28	12572	40.0	18.9	
50 Methacrylonitrile	67	5.297	5.297	0.000	93	215154	200.0	215.5	
52 Chloroform	83	5.350	5.350	0.000	99	110729	20.0	19.0	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	100073	50.0	41.9	
54 1,1,1-Trichloroethane	97	5.549	5.544	0.005	96	96757	20.0	16.8	
55 Cyclohexane	84	5.549	5.554	-0.005	87	81542	20.0	19.7	
56 Carbon tetrachloride	117	5.701	5.701	0.000	99	80919	20.0	16.6	
57 1,1-Dichloropropene	75	5.733	5.727	0.006	96	81022	20.0	18.6	
59 Isobutyl alcohol	43	5.822	5.822	0.000	95	41351	500.0	761.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	77	123888	50.0	40.4	
62 Isooctane	57	5.963	5.958	0.005	56	99810	20.0	17.1	
60 Benzene	78	5.958	5.958	0.000	94	235110	20.0	24.1	
63 Isopropyl acetate	61	6.021	6.011	0.011	94	23438	20.0	17.8	
61 1,2-Dichloroethane	62	6.042	6.042	0.000	82	75728	20.0	15.2	
64 Tert-amyl methyl ether	73	6.047	6.047	0.000	96	129789	20.0	16.7	
66 n-Heptane	43	6.178	6.178	0.000	91	44143	20.0	17.7	
* 65 Fluorobenzene	96	6.299	6.299	0.000	99	413799	50.0	50.0	
68 n-Butanol	56	6.624	6.619	0.005	93	24535	500.0	633.4	
67 Trichloroethene	95	6.734	6.734	0.000	99	62191	20.0	18.4	
69 Ethyl acrylate	55	6.860	6.865	-0.005	98	51764	20.0	17.3	
70 Methylcyclohexane	83	6.912	6.912	0.000	95	81982	20.0	18.9	
71 1,2-Dichloropropane	63	7.064	7.059	0.005	87	56285	20.0	20.8	
* 73 1,4-Dioxane-d8	96	7.122	7.127	-0.005	1	21409	1000.0	1000.0	a
75 Methyl methacrylate	100	7.159	7.159	0.000	87	22799	40.0	34.4	
74 1,4-Dioxane	88	7.190	7.190	0.000	77	12767	400.0	514.3	
72 Dibromomethane	93	7.216	7.211	0.005	74	35593	20.0	18.7	
76 n-Propyl acetate	43	7.222	7.227	-0.005	99	62792	20.0	19.1	
77 Dichlorobromomethane	83	7.395	7.395	0.000	98	70477	20.0	16.2	
78 2-Nitropropane	41	7.772	7.777	-0.005	98	17460	40.0	22.5	
80 Epichlorohydrin	57	7.914	7.914	0.000	98	21851	400.0	71.1	
81 cis-1,3-Dichloropropene	75	8.008	8.003	0.005	92	86314	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	43	8.202	8.197	0.005	97	217188	100.0	110.4	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	97	384326	50.0	54.2	
84 Toluene	91	8.417	8.417	0.000	93	241725	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	8.810	8.810	0.000	95	71427	20.0	18.4	
86 Ethyl methacrylate	69	8.868	8.868	0.000	87	59767	20.0	20.4	
87 1,1,2-Trichloroethane	83	9.067	9.067	0.000	92	40687	20.0	22.6	
88 Tetrachloroethene	166	9.172	9.172	0.000	94	175366	20.0	52.3	
89 1,3-Dichloropropane	76	9.329	9.324	0.005	93	87920	20.0	22.7	
90 2-Hexanone	43	9.413	9.408	0.005	98	147565	100.0	105.6	
93 n-Butyl acetate	43	9.565	9.565	0.000	97	58604	20.0	21.5	
91 Chlorodibromomethane	129	9.612	9.613	-0.001	95	48440	20.0	18.5	
92 Ethylene Dibromide	107	9.801	9.801	0.000	96	48169	20.0	20.6	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	88	290898	50.0	50.0	
95 Chlorobenzene	112	10.535	10.530	0.005	92	152709	20.0	21.1	
97 Ethylbenzene	106	10.672	10.672	0.000	98	83351	20.0	20.8	
96 1,1,1,2-Tetrachloroethane	131	10.677	10.672	0.005	42	53080	20.0	19.0	
98 m-Xylene & p-Xylene	106	10.866	10.871	-0.005	92	97883	20.0	20.2	
101 n-Butyl acrylate	73	11.458	11.453	0.005	74	31872	20.0	19.3	
99 o-Xylene	106	11.479	11.474	0.005	92	97183	20.0	20.8	
100 Styrene	104	11.510	11.511	-0.001	93	131950	20.0	17.9	
102 Bromoform	173	11.767	11.767	0.000	60	27098	20.0	15.1	
103 Amyl acetate (mixed isomers)	43	11.773	11.773	0.000	91	64217	20.0	22.5	
104 Isopropylbenzene	105	11.961	11.961	0.000	96	238700	20.0	21.3	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	85	109033	50.0	42.5	
106 Bromobenzene	156	12.360	12.365	-0.005	97	60158	20.0	20.4	
107 1,1,2,2-Tetrachloroethane	83	12.402	12.402	0.000	94	57605	20.0	24.8	
108 1,2,3-Trichloropropane	110	12.459	12.460	-0.001	57	19042	20.0	21.0	
110 N-Propylbenzene	91	12.465	12.465	0.000	98	311397	20.0	24.5	
111 2-Chlorotoluene	91	12.585	12.585	0.000	95	217464	20.0	23.3	
112 4-Ethyltoluene	105	12.601	12.601	0.000	95	242550	20.0	22.8	
114 1,3,5-Trimethylbenzene	105	12.680	12.680	0.000	90	191736	20.0	20.5	
113 4-Chlorotoluene	91	12.716	12.716	0.000	99	217078	20.0	24.4	
109 trans-1,4-Dichloro-2-butene	53	12.486	12.722	-0.236	50	13707	20.0	17.1	a
115 Butyl Methacrylate	87	12.795	12.795	0.000	89	54792	20.0	20.4	
116 tert-Butylbenzene	119	13.020	13.015	0.005	87	172795	20.0	21.7	
117 1,2,4-Trimethylbenzene	105	13.083	13.083	0.000	97	190165	20.0	20.0	
118 sec-Butylbenzene	105	13.246	13.246	0.000	98	245225	20.0	23.1	
119 1,3-Dichlorobenzene	146	13.387	13.382	0.005	86	106499	20.0	20.4	
122 4-Isopropyltoluene	119	13.398	13.398	0.000	93	204072	20.0	21.6	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	98	154589	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.482	13.482	0.000	93	107891	20.0	20.1	
123 1,2,3-Trimethylbenzene	105	13.508	13.508	0.000	99	202054	20.0	21.0	
124 Benzyl chloride	91	13.618	13.618	0.000	99	58993	20.0	11.7	
125 2,3-Dihydroindene	117	13.697	13.697	0.000	90	170731	20.0	21.4	
127 p-Diethylbenzene	119	13.765	13.765	0.000	91	114532	20.0	20.8	
128 n-Butylbenzene	92	13.786	13.786	0.000	97	102147	20.0	23.0	
126 1,2-Dichlorobenzene	146	13.838	13.838	0.000	94	98048	20.0	20.5	
130 1,2,4,5-Tetramethylbenzene	119	14.462	14.462	0.000	95	131535	20.0	16.0	
129 1,2-Dibromo-3-Chloropropane	157	14.541	14.541	0.000	91	9443	20.0	17.3	
131 1,3,5-Trichlorobenzene	180	14.677	14.677	0.000	96	59833	20.0	17.9	
132 1,2,4-Trichlorobenzene	180	15.191	15.191	0.000	94	47501	20.0	16.7	
133 Hexachlorobutadiene	225	15.285	15.286	-0.001	74	23373	20.0	15.2	
134 Naphthalene	128	15.390	15.390	0.000	99	121990	20.0	18.2	
135 1,2,3-Trichlorobenzene	180	15.590	15.590	0.000	94	40279	20.0	16.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	41.0	
S 140 Total BTEX	1				0		100.0	108.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00640	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-May-2025 07:28:25 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690567.D

Injection Date: 08-May-2025 04:09:58 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-1 MSD

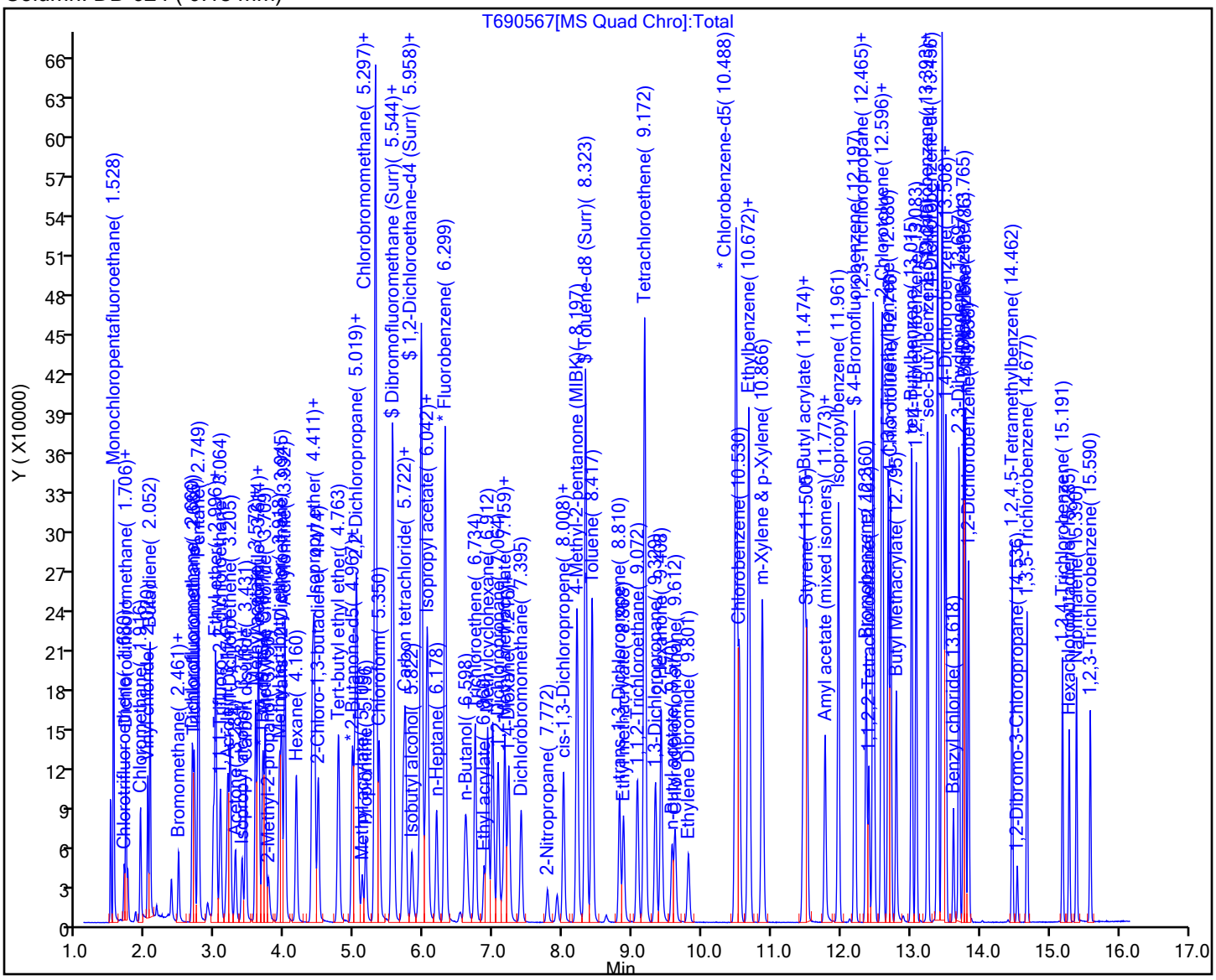
Client ID: MW-06_20250501

Operator ID: ALS Bottle#: 56 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690567.D				
Lims ID:	460-325502-A-1 MSD				
Client ID:	MW-06_20250501				
Sample Type:	MSD				
Inject. Date:	08-May-2025 04:09:58	ALS Bottle#:	56	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-325502-A-1 MSD				
Misc. Info.:	460-0190476-028				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	08-May-2025 07:28:08	Calib Date:	19-Apr-2025 10:26:58		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1725				

First Level Reviewer: FK2C Date: 08-May-2025 07:15:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.9	83.73
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	40.4	80.90
$ 83 Toluene-d8 (Surr)	50.0	54.2	108.34
$ 105 4-Bromofluorobenzene	50.0	42.5	85.08

Manual Integration/User Assign Peak Report

Eurofins Edison

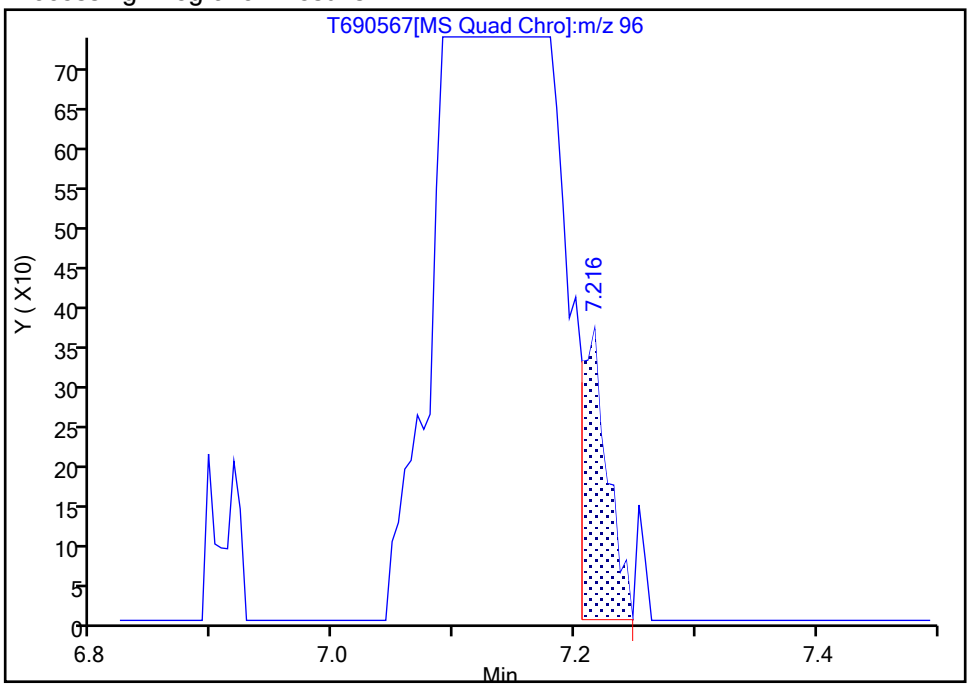
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690567.D				
Injection Date:	08-May-2025 04:09:58	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1 MSD				
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	56	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

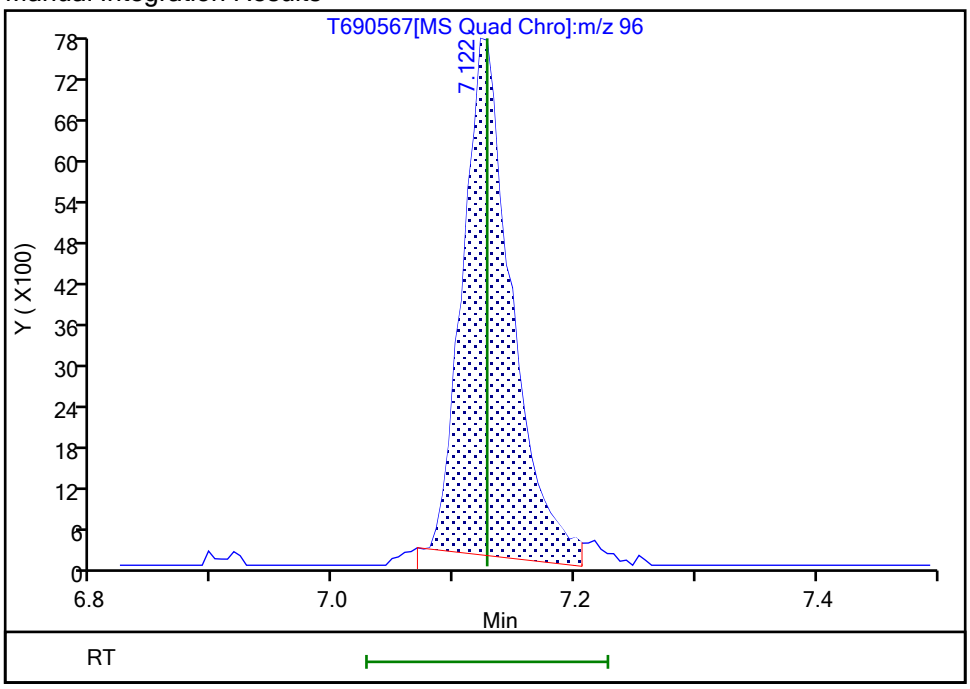
Processing Integration Results

RT: 7.22
Area: 544
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 7.12
Area: 21409
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 08-May-2025 07:14:44 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 04/19/2025 03:45

Analysis Batch Number: 1032501 End Date: 04/19/2025 13:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-1032501/1		04/19/2025 03:45	1	T689600.D	DB-624 0.18(mm)
STD9 460-1032501/3 IC		04/19/2025 04:43	1	T689602.D	DB-624 0.18(mm)
STD8 460-1032501/4 IC		04/19/2025 05:06	1	T689603.D	DB-624 0.18(mm)
STD05 460-1032501/5 IC		04/19/2025 05:29	1	T689604.D	DB-624 0.18(mm)
STD5 460-1032501/7 IC		04/19/2025 06:14	1	T689606.D	DB-624 0.18(mm)
STD20 460-1032501/8 ICIS		04/19/2025 06:37	1	T689607.D	DB-624 0.18(mm)
STD50 460-1032501/9 IC		04/19/2025 07:00	1	T689608.D	DB-624 0.18(mm)
STD200 460-1032501/10 IC		04/19/2025 07:23	1	T689609.D	DB-624 0.18(mm)
STD500 460-1032501/11 IC		04/19/2025 07:46	1	T689610.D	DB-624 0.18(mm)
STD1 460-1032501/18 IC		04/19/2025 10:26	1	T689617.D	DB-624 0.18(mm)
ICV 460-1032501/22		04/19/2025 13:06	1	T689621.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 05/07/2025 18:14

Analysis Batch Number: 1036114 End Date: 05/08/2025 04:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1036114/2		05/07/2025 18:14	1	T690541.D	DB-624 0.18(mm)
LCS 460-1036114/3		05/07/2025 18:37	1	T690542.D	DB-624 0.18(mm)
LCSD 460-1036114/4		05/07/2025 19:00	1	T690543.D	DB-624 0.18(mm)
MB 460-1036114/7		05/07/2025 20:09	1	T690546.D	DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 20:31	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 20:54	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 21:17	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 21:40	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 22:03	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 22:26	1		DB-624 0.18(mm)
460-325502-5	FB-01_20250501	05/07/2025 22:49	1	T690553.D	DB-624 0.18(mm)
460-325502-6	TB-01_20250501	05/07/2025 23:12	1	T690554.D	DB-624 0.18(mm)
460-325502-1	MW-06_20250501	05/07/2025 23:35	1	T690555.D	DB-624 0.18(mm)
460-325502-2	MW-07_20250501	05/07/2025 23:58	1	T690556.D	DB-624 0.18(mm)
460-325502-3	MW-08_20250501	05/08/2025 00:20	1	T690557.D	DB-624 0.18(mm)
460-325502-4	Dup-01_20250501	05/08/2025 00:43	1	T690558.D	DB-624 0.18(mm)
ZZZZZ (Client)		05/08/2025 01:06	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/08/2025 01:29	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/08/2025 02:15	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/08/2025 02:38	1		DB-624 0.18(mm)
460-325502-1 MS	MW-06_20250501 MS	05/08/2025 03:47	1	T690566.D	DB-624 0.18(mm)
460-325502-1 MSD	MW-06_20250501 MSD	05/08/2025 04:09	1	T690567.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Batch Number: 1032501 Batch Start Date: 04/19/25 03:45 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00183	524FREONS 00033	7 Freons Hi 00026	7 Freons SS 00026
BFB 460-1032501/1		8260D			5 mL	5 mL				
STD9 460-1032501/3 IC		8260D			5 mL	5 mL				
STD8 460-1032501/4 IC		8260D			5 mL	5 mL				
STD05 460-1032501/5 IC		8260D			5 mL	5 mL	15 uL	5 uL		
STD5 460-1032501/7 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-1032501/8 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-1032501/9 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-1032501/10 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-1032501/11 IC		8260D			5 mL	5 mL			50 uL	
STD1 460-1032501/18 IC		8260D			5 mL	5 mL	30 uL	10 uL		
ICV 460-1032501/22		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00191	8260MIX1COMB 00203	ACROLEIN SP 00176	ACROLEIN W 00182	ACRY/EPIH MIX 00136	BFB 00039
BFB 460-1032501/1		8260D								1 uL
STD9 460-1032501/3 IC		8260D				2 uL				
STD8 460-1032501/4 IC		8260D							20 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Batch Number: 1032501 Batch Start Date: 04/19/25 03:45 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00191	8260MIX1COMB 00203	ACROLEIN SP 00176	ACROLEIN W 00182	ACRY/EPIH MIX 00136	BFB 00039
STD05 460-1032501/5 IC		8260D				5 uL		2 uL		
STD5 460-1032501/7 IC		8260D				10 uL		4 uL		
STD20 460-1032501/8 ICIS		8260D				20 uL		4 uL		
STD50 460-1032501/9 IC		8260D				50 uL		10 uL		
STD200 460-1032501/10 IC		8260D						20 uL		
STD500 460-1032501/11 IC		8260D						40 uL		
STD1 460-1032501/18 IC		8260D				10 uL		4 uL		
ICV 460-1032501/22		8260D			20 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00100	GAS C SP 00619	GAS Hi 00493	GASES Li 00637	MIX 2 Hi 00160	MIX I Hi 00187
BFB 460-1032501/1		8260D								
STD9 460-1032501/3 IC		8260D						2 uL		
STD8 460-1032501/4 IC		8260D						2.5 uL		
STD05 460-1032501/5 IC		8260D						5 uL		
STD5 460-1032501/7 IC		8260D						10 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Batch Number: 1032501 Batch Start Date: 04/19/25 03:45 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00100	GAS C SP 00619	GAS Hi 00493	GASES Li 00637	MIX 2 Hi 00160	MIX I Hi 00187
STD20 460-1032501/8 ICIS		8260D						20 uL		
STD50 460-1032501/9 IC		8260D						50 uL		
STD200 460-1032501/10 IC		8260D			20 uL		20 uL		20 uL	20 uL
STD500 460-1032501/11 IC		8260D			50 uL		50 uL		50 uL	50 uL
STD1 460-1032501/18 IC		8260D						10 uL		
ICV 460-1032501/22		8260D				20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00080					
BFB 460-1032501/1		8260D								
STD9 460-1032501/3 IC		8260D			5 uL					
STD8 460-1032501/4 IC		8260D			5 uL					
STD05 460-1032501/5 IC		8260D			5 uL					
STD5 460-1032501/7 IC		8260D			5 uL					
STD20 460-1032501/8 ICIS		8260D			5 uL					
STD50 460-1032501/9 IC		8260D			5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Batch Number: 1032501 Batch Start Date: 04/19/25 03:45 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00080					
STD200 460-1032501/10 IC		8260D			5 uL					
STD500 460-1032501/11 IC		8260D			5 uL					
STD1 460-1032501/18 IC		8260D			5 uL					
ICV 460-1032501/22		8260D			5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Batch Number: 1036114 Batch Start Date: 05/07/25 18:14 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00033	8260MIX1COMB 00205	ACROLEIN W 00182
CCVIS 460-1036114/2		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-1036114/3		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-1036114/4		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-1036114/7		8260D			5 mL	5 mL				
460-325502-A-5	FB-01_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-325502-A-6	TB-01_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-325502-A-1	MW-06_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-325502-A-2	MW-07_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-325502-A-3	MW-08_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-325502-A-4	Dup-01_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-325502-A-1 MS	MW-06_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-325502-A-1 MSD	MW-06_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00640	VOA6IS/SURR 00080	AnalysisComment			
CCVIS 460-1036114/2		8260D			20 uL	5 uL				
LCS 460-1036114/3		8260D			20 uL	5 uL				
LCSD 460-1036114/4		8260D			20 uL	5 uL				
MB 460-1036114/7		8260D				5 uL				
460-325502-A-5	FB-01_20250501	8260D	Water	T		5 uL				
460-325502-A-6	TB-01_20250501	8260D	Water	T		5 uL				
460-325502-A-1	MW-06_20250501	8260D	Water	T		5 uL	field label was peeled off, can not verified ID			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Batch Number: 1036114 Batch Start Date: 05/07/25 18:14 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00640	VOA6IS/SURR 00080	AnalysisComment			
460-325502-A-2	MW-07_20250501	8260D	Water	T		5 uL	field label was peeled off, can not verified ID			
460-325502-A-3	MW-08_20250501	8260D	Water	T		5 uL	field label was peeled off, can not verified ID			
460-325502-A-4	Dup-01_20250501	8260D	Water	T		5 uL				
460-325502-A-1 MS	MW-06_20250501	8260D	Water	T	20 uL	5 uL	field label was peeled off, can not verified ID			
460-325502-A-1 MSD	MW-06_20250501	8260D	Water	T	20 uL	5 uL	field label was peeled off, can not verified ID			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

NYC 222

eurofins

Client Information	Sampler: M- Scrivere Z	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194434-127188 1
Client Contact: Matthew Levy	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 325502
Address: 213 West 35th Street	Due Date Requested:			Preservation Codes: A HCL
City: New York	TAT Requested (days): Standard			
State, Zip: ~~NJ 07054~~ NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0205125			
Email: MLevy@haleyaldrich.com	WO #:			
Project Name: 1885 Atlantic Avenue Brooklyn	Project #: 46041610			
Site: 1885 Atlantic Ave, Brooklyn NY	SSOW#:			

460-325502 Chain of Custody

Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/Part 375 VOCs	Total #	Special Instructions/Note:
				Preservation Code:		X	X	A	X	
MW-06_20250501	1	5/1/25	1415	G	Water		X	X	9	
MW-07_20250501	2		1555		Water			X	3	
MW-08_20250501	3		1640		Water			X	3	
DUP-01_20250501	4		1530		Water			X	3	
FB-01_20250501	5		1025		Water			X	2	
TB-01_20250501	6	↓	—	↓	Water			X	2	NO MS/MSD
					Water					
					Water					
					Water					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company		Date/Time:	Company
Relinquished by: H+A of NY	5/1/25	H+A of NY	Received by:	05/01/25 18.00	TA NYC
Relinquished by:	05/02/25 16.00	TA NYC	Received by:	5-2-25 15:30	EET
Relinquished by:	5-2-25 18:50	EET	Received by:	5/2/25	EET

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: no/cs TR# 9113/17

Cooler Temperature(s) °C and Other Remarks:

Ver 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 325502

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.3 °C	1.7 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s). _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials. MA Date: 5-2-25

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-325502-1

Login Number: 325502
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B
SVE Maintenance Field Forms

INFLUENT AND EFFLUENT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 4/7/2025
Weather: 40-51 W: NNE @9mph Rh:81%
Personnel: Z.Richards

SVE Blower Time (Previous): 5210.2
SVE Blower Time (Current): 5855.4
Time:

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection	11:15	65.87	-3.66	387.1	-	
Combined SVE/SSDS Influent	11:20	210.88	-3.91	136.6	-	
Filter Influent	11:22	-	-8	-	-	
Filter Effluent	11:24	-	-8	-	-	
Effluent before Drums	11:26	225	49	-	124	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1	11:28	370.94	overflow	12.6	-	
Effluent after Drum 2	11:30	180.67	6	47.3	-	

Notes:
cfm - cubic feet per minute
ppm - parts per million
IWC - inches of water column
°F - degrees Fahrenheit

VAPOR EXTRACTION POINT AND MONITORING POINT READINGS

1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 4/7/2025 SVE Blower Time (Previous): 5210.2

Weather: 40-51 W: NNE @9mph Rh:81% SVE Blower Time (Current): 5855.4

Personnel: Z. Richards Time:

VEP/MP	Time	Air Flow (cfm)	PID Reading (ppm)	Notes
SVE-1S	11:45	13.97	328.2	
SVE-1D				
SVE-2S				
SVE-2D				
SVE-3S	11:48	10.62	1074	
SVE-3D				
SVE-4S				
SVE-4D				
SVE-5S	11:50	9.71	563.1	
SVE-5D				
SVE-6S				
SVE-6D				
SVE-7S	11:52	8.62	235.2	
SVE-7D				
SVE-8S				
SVE-8D				
SVE-9S	11:54	9.97	368.4	
SVE-9D				
MP-1_25	11:56			IWC vacuum = 0.113
MP-1_35				
MP-1_45				
MP-1_55				
MP-2_25	12:04			IWC vacuum = 0.083
MP-2_35				
MP-2_45				
MP-2_55				

Notes:

cfm - cubic feet per minute
ppm - parts per million
VEP - Vapor Extraction Point
MP - Monitoring Point

INFLUENT AND EFFLUENT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 5/2/2025
Weather: L:57 H:81 W:SSW @10mph Rh:48%
Personnel: Z.Richards

SVE Blower Time (Previous): 5855.4
SVE Blower Time (Current): 6014.2
Time: 15:30

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection	15:30	34.52	-3.1	399.8	-	
Combined SVE/SSDS Influent	15:35	150.02	-3.47	29	-	
Filter Influent	15:36	-	-8	-	-	
Filter Effluent	15:37	-	-8	-	-	
Effluent before Drums		200	2.6	-	122	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1	15:40	434	23.4	0	-	Carbon drums swapped
Effluent after Drum 2	15:45	450	7.6	0	-	Carbon drums swapped

Notes:
cfm - cubic feet per minute
ppm - parts per million
IWC - inches of water column
°F - degrees Fahrenheit

VAPOR EXTRACTION POINT AND MONITORING POINT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 5/2/2025 SVE Blower Time (Previous): 5855.4

Weather: L:57 H:81 W:SSW @10mph Rh:48% SVE Blower Time (Current): 6014.2

Personnel: Z. Richards Time: 16:00

VEP/MP	Time	Air Flow (cfm)	PID Reading (ppm)	Notes
SVE-1S	16:00	14.44	820.4	
SVE-1D				
SVE-2S				
SVE-2D				
SVE-3S	16:05	23.89	998.3	
SVE-3D				
SVE-4S				
SVE-4D				
SVE-5S	16:10	12.36	745.2	
SVE-5D				
SVE-6S				
SVE-6D				
SVE-7S	16:15	16.11	100.7	
SVE-7D				
SVE-8S				
SVE-8D				
SVE-9S	16:20	15.65	392.7	
SVE-9D				
MP-1_25	16:22			IWC vacuum = 0.45
MP-1_35				
MP-1_45				
MP-1_55				
MP-2_25	16:30			IWC vacuum = 0.32
MP-2_35				
MP-2_45				
MP-2_55				

Notes:

cfm - cubic feet per minute
ppm - parts per million
VEP - Vapor Extraction Point
MP - Monitoring Point

INFLUENT AND EFFLUENT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 6/11/2025
Weather: L:69 H:89 W:W @9mph Rh:60%
Personnel: Z.Richards

SVE Blower Time (Previous): 6014.2
SVE Blower Time (Current): 6556.9
Time: 9:23

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection		38.3		61.9	-	
Combined SVE/SSDS Influent		210.3		23.9	-	
Filter Influent		-	4	-	-	
Filter Effluent		-	4	-	-	
Effluent before Drums		180		-	140	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1		248.7		2.2	-	
Effluent after Drum 2		259.7		1.3	-	

Notes:
cfm - cubic feet per minute
ppm - parts per million
IWC - inches of water column
°F - degrees Fahrenheit

VAPOR EXTRACTION POINT AND MONITORING POINT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 6/12/2025 SVE Blower Time (Previous): 6014.2

Weather: L:69 H:89 W:W @9mph Rh:60% SVE Blower Time (Current): 6556.9

Personnel: Z. Richards Time: 9:23

VEP/MP	Time	Air Flow (cfm)	PID Reading (ppm)	Notes
SVE-1S		8.7	382.8	
SVE-1D				
SVE-2S				
SVE-2D				
SVE-3S		7.8	38.7	
SVE-3D				
SVE-4S				
SVE-4D				
SVE-5S		6.3	14.1	
SVE-5D				
SVE-6S				
SVE-6D				
SVE-7S		7.7	83.3	
SVE-7D				
SVE-8S				
SVE-8D				
SVE-9S		8.1	134.1	
SVE-9D				
MP-1_25				IWC= 0.0321
MP-1_35				
MP-1_45				
MP-1_55				
MP-2_25				IWC= 0.061
MP-2_35				
MP-2_45				
MP-2_55				

Notes:

cfm - cubic feet per minute
ppm - parts per million
VEP - Vapor Extraction Point
MP - Monitoring Point

H & A OF NEW YORK ENGINEERING
AND GEOLOGY, LLP
213 W 35TH Street
7th Floor
New York, NY 10001
646.277.5685

January 13, 2026
File No. 020125-001

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233

Attention: Sadique Ahmed

Subject: 1885 Atlantic Avenue Redevelopment Site
Post-Remediation Quarterly Progress Report – September 2025
Brooklyn, New York
Brownfield Site #C224347

Dear Mr. Ahmed:

H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) is pleased to submit this report, which documents groundwater monitoring, soil vapor extraction (SVE) system monitoring, and sub-slab depressurization system (SSDS) monitoring activities at the 1885 Atlantic Avenue Redevelopment Site ("Site") for Q3 2025. 1885 Atlantic Realty LLC (the Volunteer) has remediated a 0.250-acre property known as 1885 Atlantic Avenue Redevelopment Site, designated under Brownfield Cleanup Program (BCP) Site No. C224347. See **Figure 1** for a Site plan.

Purpose

This report summarizes quarterly groundwater monitoring and monthly and quarterly SVE system monitoring, which are requirements of the New York State Department of Environmental Conservation (NYSDEC)-approved Site Management Plan (SMP) dated September 2024.

An Environmental Easement (EE) package was submitted to NYSDEC and the Kings County Clerk on March 7, 2024. The EE requires compliance with the approved SMP and the Institutional Controls (ICs) placed on the Site. The SMP indicates that upon the completion of the post-remedial sampling and evaluation of the results, a determination will be made if the ICs can be lifted or become permanent. The SMP further indicates that samples will be collected until the EE is terminated in accordance with New York State Environmental Conservation Law (ECL) Article 71, Title 36.

Scope

During monthly monitoring events, SVE system reading collection and a visual inspection were conducted by a qualified person under the supervision of the Remedial Engineer (RE). During quarterly monitoring

events, vapor samples were collected from the SVE system, and groundwater samples were collected from the groundwater monitoring wells to assess the performance of the remedy.

Monitoring Network

Three monitoring wells were used for post-remediation groundwater monitoring, including one upgradient well (MW-6), one cross-gradient well (MW-7), and one downgradient well (MW-8). The monitoring wells are shown on **Figure 2**.

Groundwater Monitoring

Groundwater monitoring has occurred at the Site since the completion of remediation in December 2023. Groundwater remediation included the injection of alkaline-activated persulfate (AP-pH) into the groundwater through six injection wells to reduce elevated petroleum-based volatile organic compound (VOC) and polycyclic aromatic hydrocarbon (PAH) concentrations in the groundwater. A single injection event occurred from September 26, 2023, to September 29, 2023, during which AP-pH was injected into the groundwater via injection points at a depth interval of 60 to 80 feet (ft) below ground surface (bgs). A total of 16,210 pounds of sodium persulfate, 2,017 gallons of 25 percent sodium hydroxide solution, and 8,864 gallons of potable water were mixed to create a 15 percent activated persulfate solution (AP-pH mixed with municipal water).

The Q3 2025 groundwater sampling round was performed on August 15, 2025, using low-flow procedures. Samples were collected and analyzed for Target Compound List (TCL) VOCs by U.S. Environmental Protection Agency (USEPA) Method 8260B. Well purging, sampling, sample containment, chain of custody and sample shipping procedures, and laboratory analyses were completed in accordance with the SMP. Chemical analyses were performed by Eurofins Environmental Testing LLC (Eurofins), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory.

Groundwater Results Summary

Results exceeding the groundwater values listed in the Division of Water Technical and Operational Guidance Series 1.1.1, Ambient Water Quality Standards (AWQS), are summarized as follows:

MW-6 (upgradient): One VOC (tetrachloroethene [PCE]) was detected above its AWQS at a concentration of 67 micrograms per liter (µg/L).

MW-7 (cross-gradient): One VOC (PCE) was detected above the AWQS at a concentration of 99 µg/L.

MW-8 (downgradient): No VOCs were detected above the AWQS.

Results for the August 2025 sampling round are provided in **Table I** and **Figure 2**. The analytical laboratory report is provided as **Appendix A**. An electronic data deliverable (EDD) will be submitted as part of the 2026 Periodic Review Report (PRR) due in May 2026, 16 months following issuance of the certificate of completion issued on December 2, 2024.

SVE System Monitoring

Monthly SVE system maintenance and monitoring were conducted in July, August, and September 2025 in accordance with the NYSDEC-approved SMP. Maintenance and monitoring activities included a visual inspection of system components and collecting flow, photoionization detector (PID), pressure/vacuum, and temperature readings associated with the SVE wells, SVE/SSDS blower, granular-activated carbon drums, and SVE monitoring points. Field forms for each maintenance and monitoring event are included in **Appendix B**.

Conclusions

GROUNDWATER

As documented in the NYSDEC-approved Final Engineering Report (FER) dated September 2024, PCE is not considered a Site contaminant as it was not observed during the remedial investigation or used in historical Site operations. Elevated PCE concentrations in the upgradient well (MW-6) and cross-gradient well (MW-7) are attributed to an off-site source. Haley & Aldrich of New York recommends continued quarterly sampling of the three monitoring wells.

SVE SYSTEM

Monthly PID readings and quarterly SVE system vapor samples indicate the system is effectively removing VOC contamination from the subsurface. Haley & Aldrich of New York recommends continued operation and monitoring of the SVE system per the SMP.

Future Monitoring

Future monitoring events in the fourth quarter of 2025 will include monthly visits for SVE system monitoring, biannual readings for the SSDS, and quarterly visits for groundwater and SVE system sampling.

Please do not hesitate to call if you have any questions or comments.

Sincerely yours,
H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP

Matthew Forshay, P.E.
Assistant Project Manager

Matthew Levy
Senior Project Manager

Attachments:

Table I – Summary of Groundwater Quality Data
Figure 1 – Site Plan
Figure 2 – Post-Remedy Groundwater Exceedances Q3 2025
Appendix A – August 2025 Groundwater Laboratory Report
Appendix B – SVE Maintenance Field Forms

\\haleyaldrich.com\share\CF\Projects\0205125\Deliverables\22. Quarterly Groundwater Monitoring Reports\2025_Q3 GWM Report\2026-0113 HANY GWM Report Q3 2025_F.docx

TABLE

TABLE I

SUMMARY OF GROUNDWATER QUALITY DATA

1885 ATLANTIC AVENUE

BROOKLYN, NEW YORK

FILE NO. 0202125

	Criteria				
Location Name	New York TOGS	MW-06	MW-06	MW-07	MW-08
Sample Name	111 Ambient	MW-6_20250815	DUP-01_20250815	MW-7_20250815	MW-8_20250815
Sample Date	Water Quality	08/15/2025	08/15/2025	08/15/2025	08/15/2025
Lab Sample ID	Standards	460-332933-1	460-332933-2	460-332933-3	460-332933-4
Volatile Organic Compounds (µg/L)					
1,1,1-Trichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	5	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
1,1,2-Trichloroethane	1	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)
1,1-Dichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,3-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	0.6	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
1,2-Dichloropropane	1	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
1,3,5-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone (Methyl Butyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)
2-Phenylbutane (sec-Butylbenzene)	5	ND (1)	ND (1)	ND (1)	ND (1)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	50	ND (5)	ND (5)	ND (5)	ND (5)
Benzene	1	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Bromodichloromethane	50	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)
Bromoform	50	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	5	ND (1)	ND (1)	ND (1)	ND (1)
Carbon disulfide	60	ND (1)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	5	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobromomethane	5	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	7	0.78 J	0.79 J	0.96 J	ND (1)
Chloromethane (Methyl Chloride)	5	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,3-Dichloropropene	0.4	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Cyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	50	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)
Dichlorodifluoromethane (CFC-12)	5	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	5	ND (1)	ND (1)	ND (1)	ND (1)
m,p-Xylenes	5	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	NA	ND (5)	ND (5)	ND (5)	ND (5)
Methyl Tert Butyl Ether (MTBE)	10	ND (1)	ND (1)	ND (1)	ND (1)
Methylcyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride (Dichloromethane)	5	ND (1)	ND (1)	ND (1)	ND (1)
n-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
n-Propylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
o-Xylene	5	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	5	ND (1)	ND (1)	ND (1)	ND (1)
tert-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	5	**67**	**66**	**99**	3.1
Toluene	5	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	0.4	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Trichloroethene	5	0.53	0.52	0.69	ND (0.28)
Trichlorofluoromethane (CFC-11)	5	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	5	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	2	ND (1)	ND (1)	ND (1)	ND (1)
Xylene (Total)	5	ND (2)	ND (2)	ND (2)	ND (2)

ABBREVIATIONS AND NOTES:

µg/L: micrograms per liter

NA: Not Applicable

ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.

- Water analytical results are compared to the New York TOGS 111 Ambient Water Quality Standards.

- Bold indicates an exceedance of AWQS criteria.

FIGURES

LEGEND

- COMMUTER RAIL LINE
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2023

N

0 40 80

SCALE IN FEET

HALEY ALDRICH

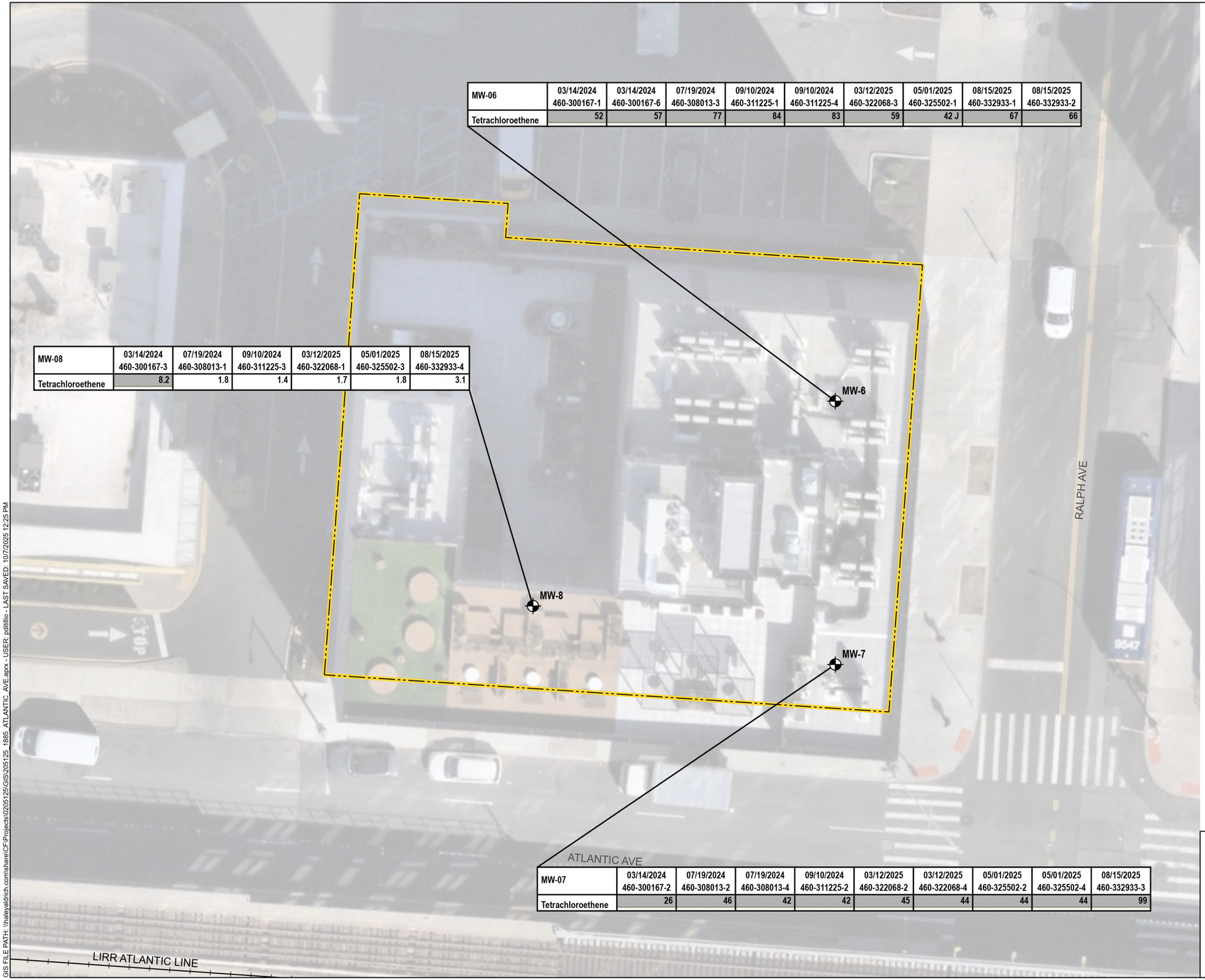
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

SITE PLAN

JANUARY 2024

FIGURE 1

GIS: \\haleyaldrich\share\CF\Projects\0205125\GIS\Mxd\2024_0112\05125_001_0002_SITE_PLAN.mxd - mmjones - 1/12/2024 1:30:21 PM



MW-06	03/14/2024 460-300167-1	03/14/2024 460-300167-6	07/19/2024 460-308013-3	09/10/2024 460-311225-1	09/10/2024 460-311225-4	03/12/2025 460-322068-3	05/01/2025 460-325502-1	08/15/2025 460-332933-1	08/15/2025 460-332933-2
Tetrachloroethene	52	57	77	84	83	59	42 J	67	66

MW-08	03/14/2024 460-300167-3	07/19/2024 460-308013-1	09/10/2024 460-311225-3	03/12/2025 460-322068-1	05/01/2025 460-325502-3	08/15/2025 460-332933-4
Tetrachloroethene	8.2	1.8	1.4	1.7	1.8	3.1

MW-07	03/14/2024 460-300167-2	07/19/2024 460-308013-2	07/19/2024 460-308013-4	09/10/2024 460-311225-2	03/12/2025 460-322068-2	03/12/2025 460-322068-4	05/01/2025 460-325502-2	05/01/2025 460-325502-4	08/15/2025 460-332933-3
Tetrachloroethene	26	46	42	42	45	44	44	44	99

LEGEND

- MONITORING WELL
- COMMUTER RAIL LINE
- SITE BOUNDARY
- PARCEL BOUNDARY

Analyte	Units	AWQS
Volatile Organic Compounds (VOCs)		
Tetrachloroethene	µg/L	5

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHINCAL AND OPERATION GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS (AWQS).
3. ONLY ANALYTES THAT EXCEED CRITERIA ARE SHOWN ON FIGURE.
4. RESULTS SHADED GRAY EXCEED THE NYSDEC AWQS.
5. RESULTS ARE DISPLAYED IN MICROGRAMS PER LITER (µg/L).
6. J = RESULT IS AN ESTIMATE
7. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
8. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 1, 2025

N

0 20 40
SCALE IN FEET

HALEY ALDRICH

1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

POST-REMEDY GROUNDWATER EXCEEDANCES Q3 2025

OCTOBER 2025

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0205125\GIS\205125_1885_ATLANTIC_AVE.aprx - USER: pdilillo - LAST SAVED: 10/7/2025 12:25 PM

APPENDIX A
August 2025 Laboratory Report

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 8/22/2025 11:06:58 AM

JOB DESCRIPTION

1885 Atlantic Avenue, Brooklyn

JOB NUMBER

460-332933-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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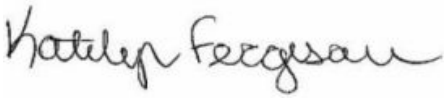
The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



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Katelyn Ferguson, Project Manager I
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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 460-332933-1 Eurofins Edison

Job Narrative
460-332933-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/15/2025 7:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1056703 was outside the method criteria for Bromoform (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1056801 was outside the method criteria for the following analytes: Vinyl chloride, Chloromethane and Dichlorodifluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: MW-6_20250815 — Lab Sample ID: 460-332933-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.78	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	67		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.53		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-01_20250815 — Lab Sample ID: 460-332933-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.79	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	66		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.52		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-7_20250815 — Lab Sample ID: 460-332933-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.96	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	99		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.69		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-8_20250815 — Lab Sample ID: 460-332933-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	3.1		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: FB-01_20250815 — Lab Sample ID: 460-332933-5

No Detections.

Client Sample ID: TB-01_20250815 — Lab Sample ID: 460-332933-6

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: MW-6_20250815
Date Collected: 08/15/25 10:05
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/21/25 06:19	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/21/25 06:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/21/25 06:19	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/21/25 06:19	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/21/25 06:19	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/21/25 06:19	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/21/25 06:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/21/25 06:19	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 06:19	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/21/25 06:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/21/25 06:19	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/21/25 06:19	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/21/25 06:19	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/21/25 06:19	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/21/25 06:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/21/25 06:19	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/21/25 06:19	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/21/25 06:19	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/21/25 06:19	1
Acetone	5.0	U	5.0	4.4	ug/L			08/21/25 06:19	1
Benzene	0.45	U	0.45	0.070	ug/L			08/21/25 06:19	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/21/25 06:19	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/21/25 06:19	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/21/25 06:19	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/21/25 06:19	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/21/25 06:19	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/21/25 06:19	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/21/25 06:19	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/21/25 06:19	1
Chloroform	**0.78**	**J**	1.0	0.33	ug/L			08/21/25 06:19	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/21/25 06:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/21/25 06:19	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/21/25 06:19	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/21/25 06:19	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/21/25 06:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/21/25 06:19	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/21/25 06:19	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/21/25 06:19	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 06:19	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/21/25 06:19	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/21/25 06:19	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/21/25 06:19	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/21/25 06:19	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/21/25 06:19	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 06:19	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 06:19	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/21/25 06:19	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 06:19	1
Styrene	1.0	U	1.0	0.42	ug/L			08/21/25 06:19	1

Client Sample ID: MW-6_20250815

Lab Sample ID: 460-332933-1

Date Collected: 08/15/25 10:05

Matrix: Water

Date Received: 08/15/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 06:19	1
Tetrachloroethene	**67**		0.40	0.28	ug/L			08/21/25 06:19	1
Toluene	1.0	U	1.0	0.38	ug/L			08/21/25 06:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/21/25 06:19	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/21/25 06:19	1
Trichloroethene	**0.53**		0.28	0.074	ug/L			08/21/25 06:19	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/21/25 06:19	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/21/25 06:19	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/21/25 06:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*		*08/21/25 06:19*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*08/21/25 06:19*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*08/21/25 06:19*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/21/25 06:19*	*1*

Client Sample ID: DUP-01_20250815

Lab Sample ID: 460-332933-2

Date Collected: 08/15/25 10:10

Matrix: Water

Date Received: 08/15/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/21/25 06:40	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/21/25 06:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/21/25 06:40	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/21/25 06:40	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/21/25 06:40	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/21/25 06:40	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/21/25 06:40	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/21/25 06:40	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 06:40	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/21/25 06:40	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/21/25 06:40	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/21/25 06:40	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/21/25 06:40	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/21/25 06:40	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/21/25 06:40	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/21/25 06:40	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/21/25 06:40	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/21/25 06:40	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/21/25 06:40	1
Acetone	5.0	U	5.0	4.4	ug/L			08/21/25 06:40	1
Benzene	0.45	U	0.45	0.070	ug/L			08/21/25 06:40	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/21/25 06:40	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/21/25 06:40	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/21/25 06:40	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/21/25 06:40	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/21/25 06:40	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/21/25 06:40	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/21/25 06:40	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: DUP-01_20250815

Lab Sample ID: 460-332933-2

Date Collected: 08/15/25 10:10
Date Received: 08/15/25 19:10

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			08/21/25 06:40	1
Chloroform	**0.79**	**J**	1.0	0.33	ug/L			08/21/25 06:40	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/21/25 06:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/21/25 06:40	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/21/25 06:40	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/21/25 06:40	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/21/25 06:40	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/21/25 06:40	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/21/25 06:40	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/21/25 06:40	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 06:40	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/21/25 06:40	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/21/25 06:40	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/21/25 06:40	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/21/25 06:40	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/21/25 06:40	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 06:40	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 06:40	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/21/25 06:40	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 06:40	1
Styrene	1.0	U	1.0	0.42	ug/L			08/21/25 06:40	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 06:40	1
Tetrachloroethene	**66**		0.40	0.28	ug/L			08/21/25 06:40	1
Toluene	1.0	U	1.0	0.38	ug/L			08/21/25 06:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/21/25 06:40	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/21/25 06:40	1
Trichloroethene	**0.52**		0.28	0.074	ug/L			08/21/25 06:40	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/21/25 06:40	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/21/25 06:40	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/21/25 06:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*08/21/25 06:40*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*08/21/25 06:40*	*1*
Dibromofluoromethane (Surr)	*96*		*77 - 132*		*08/21/25 06:40*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/21/25 06:40*	*1*

Client Sample ID: MW-7_20250815

Lab Sample ID: 460-332933-3

Date Collected: 08/15/25 11:50
Date Received: 08/15/25 19:10

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/21/25 07:00	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/21/25 07:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/21/25 07:00	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/21/25 07:00	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/21/25 07:00	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/21/25 07:00	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/21/25 07:00	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: MW-7_20250815
Date Collected: 08/15/25 11:50
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/21/25 07:00	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 07:00	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/21/25 07:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/21/25 07:00	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/21/25 07:00	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/21/25 07:00	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/21/25 07:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/21/25 07:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/21/25 07:00	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/21/25 07:00	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/21/25 07:00	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/21/25 07:00	1
Acetone	5.0	U	5.0	4.4	ug/L			08/21/25 07:00	1
Benzene	0.45	U	0.45	0.070	ug/L			08/21/25 07:00	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/21/25 07:00	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/21/25 07:00	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/21/25 07:00	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/21/25 07:00	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/21/25 07:00	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/21/25 07:00	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/21/25 07:00	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/21/25 07:00	1
Chloroform	**0.96**	**J**	1.0	0.33	ug/L			08/21/25 07:00	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/21/25 07:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/21/25 07:00	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/21/25 07:00	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/21/25 07:00	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/21/25 07:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/21/25 07:00	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/21/25 07:00	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/21/25 07:00	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 07:00	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/21/25 07:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/21/25 07:00	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/21/25 07:00	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/21/25 07:00	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/21/25 07:00	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 07:00	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 07:00	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/21/25 07:00	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 07:00	1
Styrene	1.0	U	1.0	0.42	ug/L			08/21/25 07:00	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 07:00	1
Tetrachloroethene	**99**		0.40	0.28	ug/L			08/21/25 07:00	1
Toluene	1.0	U	1.0	0.38	ug/L			08/21/25 07:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/21/25 07:00	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/21/25 07:00	1
Trichloroethene	**0.69**		0.28	0.074	ug/L			08/21/25 07:00	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/21/25 07:00	1

Client Sample ID: MW-7_20250815
Lab Sample ID: 460-332933-3
Date Collected: 08/15/25 11:50
Matrix: Water
Date Received: 08/15/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/21/25 07:00	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/21/25 07:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*		*08/21/25 07:00*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*08/21/25 07:00*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*08/21/25 07:00*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/21/25 07:00*	*1*

Client Sample ID: MW-8_20250815
Lab Sample ID: 460-332933-4
Date Collected: 08/15/25 13:05
Matrix: Water
Date Received: 08/15/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/21/25 14:48	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/21/25 14:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/21/25 14:48	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/21/25 14:48	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/21/25 14:48	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/21/25 14:48	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/21/25 14:48	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/21/25 14:48	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 14:48	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/21/25 14:48	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/21/25 14:48	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/21/25 14:48	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/21/25 14:48	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/21/25 14:48	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/21/25 14:48	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/21/25 14:48	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/21/25 14:48	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/21/25 14:48	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/21/25 14:48	1
Acetone	5.0	U	5.0	4.4	ug/L			08/21/25 14:48	1
Benzene	0.45	U	0.45	0.070	ug/L			08/21/25 14:48	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/21/25 14:48	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/21/25 14:48	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/21/25 14:48	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/21/25 14:48	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/21/25 14:48	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/21/25 14:48	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/21/25 14:48	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/21/25 14:48	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/21/25 14:48	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/21/25 14:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/21/25 14:48	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/21/25 14:48	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/21/25 14:48	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/21/25 14:48	1

Client Sample ID: MW-8_20250815

Lab Sample ID: 460-332933-4

Date Collected: 08/15/25 13:05

Matrix: Water

Date Received: 08/15/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/21/25 14:48	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/21/25 14:48	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/21/25 14:48	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 14:48	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/21/25 14:48	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/21/25 14:48	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/21/25 14:48	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/21/25 14:48	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/21/25 14:48	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 14:48	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 14:48	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/21/25 14:48	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 14:48	1
Styrene	1.0	U	1.0	0.42	ug/L			08/21/25 14:48	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 14:48	1
Tetrachloroethene	**3.1**		0.40	0.28	ug/L			08/21/25 14:48	1
Toluene	1.0	U	1.0	0.38	ug/L			08/21/25 14:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/21/25 14:48	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/21/25 14:48	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			08/21/25 14:48	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/21/25 14:48	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/21/25 14:48	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/21/25 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*		*08/21/25 14:48*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*08/21/25 14:48*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*08/21/25 14:48*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/21/25 14:48*	*1*

Client Sample ID: FB-01_20250815

Lab Sample ID: 460-332933-5

Date Collected: 08/15/25 11:30

Matrix: Water

Date Received: 08/15/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/20/25 23:22	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/20/25 23:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/20/25 23:22	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/20/25 23:22	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/20/25 23:22	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/20/25 23:22	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/20/25 23:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/20/25 23:22	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/20/25 23:22	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/20/25 23:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/20/25 23:22	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/20/25 23:22	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/20/25 23:22	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/20/25 23:22	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: FB-01_20250815
Date Collected: 08/15/25 11:30
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/20/25 23:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/20/25 23:22	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/20/25 23:22	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/20/25 23:22	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/20/25 23:22	1
Acetone	5.0	U	5.0	4.4	ug/L			08/20/25 23:22	1
Benzene	0.45	U	0.45	0.070	ug/L			08/20/25 23:22	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/20/25 23:22	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/20/25 23:22	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/20/25 23:22	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/20/25 23:22	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/20/25 23:22	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/20/25 23:22	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/20/25 23:22	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/20/25 23:22	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/20/25 23:22	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/20/25 23:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/20/25 23:22	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/20/25 23:22	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/20/25 23:22	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/20/25 23:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/20/25 23:22	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/20/25 23:22	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/20/25 23:22	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/20/25 23:22	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/20/25 23:22	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/20/25 23:22	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/20/25 23:22	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/20/25 23:22	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/20/25 23:22	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/20/25 23:22	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/20/25 23:22	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/20/25 23:22	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/20/25 23:22	1
Styrene	1.0	U	1.0	0.42	ug/L			08/20/25 23:22	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/20/25 23:22	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			08/20/25 23:22	1
Toluene	1.0	U	1.0	0.38	ug/L			08/20/25 23:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/20/25 23:22	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/20/25 23:22	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			08/20/25 23:22	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/20/25 23:22	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/20/25 23:22	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/20/25 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*08/20/25 23:22*	*1*
4-Bromofluorobenzene	*101*		*76 - 120*		*08/20/25 23:22*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 132*		*08/20/25 23:22*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/20/25 23:22*	*1*

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: TB-01_20250815
Date Collected: 08/15/25 00:00
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/20/25 23:42	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/20/25 23:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/20/25 23:42	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/20/25 23:42	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/20/25 23:42	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/20/25 23:42	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/20/25 23:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/20/25 23:42	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/20/25 23:42	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/20/25 23:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/20/25 23:42	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/20/25 23:42	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/20/25 23:42	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/20/25 23:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/20/25 23:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/20/25 23:42	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/20/25 23:42	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/20/25 23:42	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/20/25 23:42	1
Acetone	5.0	U	5.0	4.4	ug/L			08/20/25 23:42	1
Benzene	0.45	U	0.45	0.070	ug/L			08/20/25 23:42	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/20/25 23:42	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/20/25 23:42	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/20/25 23:42	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/20/25 23:42	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/20/25 23:42	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/20/25 23:42	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/20/25 23:42	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/20/25 23:42	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/20/25 23:42	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/20/25 23:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/20/25 23:42	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/20/25 23:42	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/20/25 23:42	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/20/25 23:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/20/25 23:42	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/20/25 23:42	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/20/25 23:42	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/20/25 23:42	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/20/25 23:42	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/20/25 23:42	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/20/25 23:42	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/20/25 23:42	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/20/25 23:42	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/20/25 23:42	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/20/25 23:42	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/20/25 23:42	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/20/25 23:42	1
Styrene	1.0	U	1.0	0.42	ug/L			08/20/25 23:42	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: TB-01_20250815
Date Collected: 08/15/25 00:00
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/20/25 23:42	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			08/20/25 23:42	1
Toluene	1.0	U	1.0	0.38	ug/L			08/20/25 23:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/20/25 23:42	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/20/25 23:42	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			08/20/25 23:42	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/20/25 23:42	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/20/25 23:42	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/20/25 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*08/20/25 23:42*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*08/20/25 23:42*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*08/20/25 23:42*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/20/25 23:42*	*1*

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-332933-1	MW-6_20250815	84	97	99	104
460-332933-2	DUP-01_20250815	86	98	96	100
460-332933-3	MW-7_20250815	87	105	100	98
460-332933-3 MS	MW-7_20250815	84	104	97	103
460-332933-3 MSD	MW-7_20250815	84	105	98	106
460-332933-4	MW-8_20250815	87	105	99	97
460-332933-5	FB-01_20250815	86	101	97	101
460-332933-6	TB-01_20250815	86	100	98	102
460-332953-A-2 MS	Matrix Spike	87	111	99	104
460-332953-A-2 MSD	Matrix Spike Duplicate	87	107	98	103
LCS 460-1056703/5	Lab Control Sample	84	102	98	103
LCS 460-1056801/4	Lab Control Sample	85	103	99	104
LCSD 460-1056703/6	Lab Control Sample Dup	84	105	97	103
LCSD 460-1056801/5	Lab Control Sample Dup	84	106	98	104
MB 460-1056703/10	Method Blank	83	100	96	102
MB 460-1056801/10	Method Blank	86	98	98	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1056703/10
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/20/25 21:37	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/20/25 21:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/20/25 21:37	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/20/25 21:37	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/20/25 21:37	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/20/25 21:37	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/20/25 21:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/20/25 21:37	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/20/25 21:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/20/25 21:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/20/25 21:37	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/20/25 21:37	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/20/25 21:37	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/20/25 21:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/20/25 21:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/20/25 21:37	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/20/25 21:37	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/20/25 21:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/20/25 21:37	1
Acetone	5.0	U	5.0	4.4	ug/L			08/20/25 21:37	1
Benzene	0.45	U	0.45	0.070	ug/L			08/20/25 21:37	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/20/25 21:37	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/20/25 21:37	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/20/25 21:37	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/20/25 21:37	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/20/25 21:37	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/20/25 21:37	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/20/25 21:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/20/25 21:37	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/20/25 21:37	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/20/25 21:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/20/25 21:37	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/20/25 21:37	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/20/25 21:37	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/20/25 21:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/20/25 21:37	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/20/25 21:37	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/20/25 21:37	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/20/25 21:37	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/20/25 21:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/20/25 21:37	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/20/25 21:37	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/20/25 21:37	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/20/25 21:37	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/20/25 21:37	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/20/25 21:37	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/20/25 21:37	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/20/25 21:37	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1056703/10
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			08/20/25 21:37	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/20/25 21:37	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			08/20/25 21:37	1
Toluene	1.0	U	1.0	0.38	ug/L			08/20/25 21:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/20/25 21:37	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/20/25 21:37	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			08/20/25 21:37	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/20/25 21:37	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/20/25 21:37	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/20/25 21:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 128*		*08/20/25 21:37*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*08/20/25 21:37*	*1*
Dibromofluoromethane (Surr)	*96*		*77 - 132*		*08/20/25 21:37*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/20/25 21:37*	*1*

Lab Sample ID: LCS 460-1056703/5
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	16.9		ug/L		84	72 - 128
1,1,2,2-Tetrachloroethane	20.0	20.4		ug/L		102	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.3		ug/L		97	65 - 142
1,1,2-Trichloroethane	20.0	20.8		ug/L		104	74 - 125
1,1-Dichloroethane	20.0	21.0		ug/L		105	73 - 130
1,1-Dichloroethene	20.0	20.5		ug/L		102	68 - 133
1,2,3-Trichlorobenzene	20.0	24.2		ug/L		121	55 - 150
1,2,4-Trichlorobenzene	20.0	22.6		ug/L		113	67 - 132
1,2,4-Trimethylbenzene	20.0	19.5		ug/L		97	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.7		ug/L		89	58 - 132
1,2-Dichlorobenzene	20.0	20.9		ug/L		104	80 - 120
1,2-Dichloroethane	20.0	18.6		ug/L		93	66 - 129
1,2-Dichloropropane	20.0	19.9		ug/L		100	72 - 128
1,3,5-Trimethylbenzene	20.0	17.7		ug/L		89	75 - 125
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120
1,4-Dichlorobenzene	20.0	20.3		ug/L		101	80 - 120
2-Butanone (MEK)	100	92.5		ug/L		93	65 - 142
2-Hexanone	100	85.0		ug/L		85	72 - 134
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	77 - 130
Acetone	100	98.0		ug/L		98	60 - 133
Benzene	20.0	20.5		ug/L		102	71 - 126
Bromoform	20.0	16.0		ug/L		80	58 - 128
Bromomethane	20.0	14.9		ug/L		75	33 - 150
Carbon disulfide	20.0	20.1		ug/L		100	35 - 150
Carbon tetrachloride	20.0	16.1		ug/L		80	65 - 131
Chlorobenzene	20.0	20.7		ug/L		104	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1056703/5
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	18.2		ug/L		91	71 - 134
Chlorodibromomethane	20.0	16.8		ug/L		84	73 - 121
Chloroethane	20.0	17.3		ug/L		86	54 - 150
Chloroform	20.0	19.7		ug/L		98	78 - 125
Chloromethane	20.0	17.3		ug/L		87	43 - 149
cis-1,2-Dichloroethene	20.0	20.0		ug/L		100	78 - 121
cis-1,3-Dichloropropene	20.0	19.7		ug/L		99	74 - 125
Cyclohexane	20.0	19.0		ug/L		95	64 - 142
Dichlorobromomethane	20.0	16.8		ug/L		84	76 - 121
Dichlorodifluoromethane	20.0	16.3		ug/L		82	38 - 144
Ethylbenzene	20.0	19.1		ug/L		95	78 - 120
Ethylene Dibromide	20.0	20.2		ug/L		101	79 - 126
Isopropylbenzene	20.0	19.6		ug/L		98	79 - 125
Methyl acetate	40.0	41.8		ug/L		105	50 - 147
Methyl tert-butyl ether	20.0	19.8		ug/L		99	72 - 131
Methylcyclohexane	20.0	20.1		ug/L		101	63 - 138
Methylene Chloride	20.0	21.0		ug/L		105	74 - 127
m-Xylene & p-Xylene	20.0	19.8		ug/L		99	78 - 120
n-Butylbenzene	20.0	18.7		ug/L		93	69 - 135
N-Propylbenzene	20.0	19.6		ug/L		98	68 - 129
o-Xylene	20.0	19.0		ug/L		95	78 - 120
sec-Butylbenzene	20.0	19.8		ug/L		99	77 - 129
Styrene	20.0	19.7		ug/L		99	82 - 127
tert-Butylbenzene	20.0	18.8		ug/L		94	78 - 120
Tetrachloroethene	20.0	20.3		ug/L		101	70 - 127
Toluene	20.0	19.6		ug/L		98	78 - 120
trans-1,2-Dichloroethene	20.0	19.8		ug/L		99	70 - 126
trans-1,3-Dichloropropene	20.0	17.8		ug/L		89	71 - 127
Trichloroethene	20.0	20.0		ug/L		100	73 - 121
Trichlorofluoromethane	20.0	18.0		ug/L		90	62 - 134
Vinyl chloride	20.0	17.9		ug/L		90	55 - 144
Xylenes, Total	40.0	38.8		ug/L		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 460-1056703/6
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	18.5		ug/L		93	72 - 128	9	30
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/L		97	63 - 139	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.9		ug/L		105	65 - 142	8	30
1,1,2-Trichloroethane	20.0	21.2		ug/L		106	74 - 125	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1056703/6
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	20.0	21.6		ug/L		108	73 - 130	3	30
1,1-Dichloroethene	20.0	21.2		ug/L		106	68 - 133	3	30
1,2,3-Trichlorobenzene	20.0	23.5		ug/L		117	55 - 150	3	30
1,2,4-Trichlorobenzene	20.0	23.0		ug/L		115	67 - 132	2	30
1,2,4-Trimethylbenzene	20.0	19.6		ug/L		98	75 - 125	1	30
1,2-Dibromo-3-Chloropropane	20.0	19.2		ug/L		96	58 - 132	8	30
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	1	30
1,2-Dichloroethane	20.0	18.6		ug/L		93	66 - 129	0	30
1,2-Dichloropropane	20.0	20.8		ug/L		104	72 - 128	4	30
1,3,5-Trimethylbenzene	20.0	18.0		ug/L		90	75 - 125	2	30
1,3-Dichlorobenzene	20.0	20.9		ug/L		105	80 - 120	2	30
1,4-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	1	30
2-Butanone (MEK)	100	95.6		ug/L		96	65 - 142	3	30
2-Hexanone	100	86.3		ug/L		86	72 - 134	1	30
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	77 - 130	1	30
Acetone	100	102		ug/L		102	60 - 133	4	30
Benzene	20.0	21.0		ug/L		105	71 - 126	3	30
Bromoform	20.0	16.9		ug/L		84	58 - 128	6	30
Bromomethane	20.0	15.6		ug/L		78	33 - 150	5	30
Carbon disulfide	20.0	21.4		ug/L		107	35 - 150	7	30
Carbon tetrachloride	20.0	17.3		ug/L		87	65 - 131	8	30
Chlorobenzene	20.0	21.7		ug/L		109	80 - 120	5	30
Chlorobromomethane	20.0	19.3		ug/L		96	71 - 134	6	30
Chlorodibromomethane	20.0	17.3		ug/L		86	73 - 121	3	30
Chloroethane	20.0	17.5		ug/L		88	54 - 150	1	30
Chloroform	20.0	20.4		ug/L		102	78 - 125	3	30
Chloromethane	20.0	18.6		ug/L		93	43 - 149	7	30
cis-1,2-Dichloroethene	20.0	21.0		ug/L		105	78 - 121	5	30
cis-1,3-Dichloropropene	20.0	20.0		ug/L		100	74 - 125	1	30
Cyclohexane	20.0	20.9		ug/L		105	64 - 142	10	30
Dichlorobromomethane	20.0	17.5		ug/L		88	76 - 121	4	30
Dichlorodifluoromethane	20.0	17.4		ug/L		87	38 - 144	7	30
Ethylbenzene	20.0	20.5		ug/L		102	78 - 120	7	30
Ethylene Dibromide	20.0	20.6		ug/L		103	79 - 126	2	30
Isopropylbenzene	20.0	20.5		ug/L		102	79 - 125	4	30
Methyl acetate	40.0	43.4		ug/L		108	50 - 147	4	30
Methyl tert-butyl ether	20.0	20.5		ug/L		102	72 - 131	4	30
Methylcyclohexane	20.0	20.9		ug/L		105	63 - 138	4	30
Methylene Chloride	20.0	21.6		ug/L		108	74 - 127	3	30
m-Xylene & p-Xylene	20.0	20.7		ug/L		104	78 - 120	5	30
n-Butylbenzene	20.0	19.5		ug/L		97	69 - 135	4	30
N-Propylbenzene	20.0	19.8		ug/L		99	68 - 129	1	30
o-Xylene	20.0	19.9		ug/L		100	78 - 120	5	30
sec-Butylbenzene	20.0	20.2		ug/L		101	77 - 129	2	30
Styrene	20.0	20.4		ug/L		102	82 - 127	3	30
tert-Butylbenzene	20.0	19.5		ug/L		98	78 - 120	4	30
Tetrachloroethene	20.0	21.2		ug/L		106	70 - 127	5	30
Toluene	20.0	20.5		ug/L		102	78 - 120	4	30
trans-1,2-Dichloroethene	20.0	20.9		ug/L		104	70 - 126	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1056703/6
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			20.0	18.1		ug/L		90	71 - 127	1	30
Trichloroethene			20.0	20.9		ug/L		105	73 - 121	5	30
Trichlorofluoromethane			20.0	19.5		ug/L		98	62 - 134	8	30
Vinyl chloride			20.0	18.7		ug/L		93	55 - 144	4	30
Xylenes, Total			40.0	40.6		ug/L		102	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*97*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 460-332933-3 MS
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: MW-7_20250815
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	17.1		ug/L		85	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	17.6		ug/L		88	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	18.2		ug/L		91	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	21.7		ug/L		109	74 - 125
1,1-Dichloroethane	1.0	U	20.0	19.8		ug/L		99	73 - 130
1,1-Dichloroethene	1.0	U	20.0	19.9		ug/L		100	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	19.5		ug/L		97	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	19.2		ug/L		96	67 - 132
1,2,4-Trimethylbenzene	1.0	U	20.0	18.4		ug/L		92	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	17.8		ug/L		89	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	18.7		ug/L		93	80 - 120
1,2-Dichloroethane	0.30	U	20.0	17.1		ug/L		85	66 - 129
1,2-Dichloropropane	0.92	U	20.0	19.3		ug/L		96	72 - 128
1,3,5-Trimethylbenzene	1.0	U	20.0	16.7		ug/L		83	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	18.8		ug/L		94	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	18.7		ug/L		93	80 - 120
2-Butanone (MEK)	5.0	U	100	87.9		ug/L		88	65 - 142
2-Hexanone	5.0	U	100	79.7		ug/L		80	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	102		ug/L		102	77 - 130
Acetone	5.0	U	100	88.0		ug/L		88	60 - 133
Benzene	0.45	U	20.0	19.4		ug/L		97	71 - 126
Bromoform	1.0	U	20.0	14.7		ug/L		73	58 - 128
Bromomethane	1.0	U	20.0	12.8		ug/L		64	33 - 150
Carbon disulfide	1.0	U	20.0	18.4		ug/L		92	35 - 150
Carbon tetrachloride	1.0	U	20.0	15.6		ug/L		78	65 - 131
Chlorobenzene	1.0	U	20.0	20.5		ug/L		102	80 - 120
Chlorobromomethane	1.0	U	20.0	17.7		ug/L		89	71 - 134
Chlorodibromomethane	0.78	U	20.0	15.7		ug/L		79	73 - 121
Chloroethane	1.0	U	20.0	15.5		ug/L		78	54 - 150
Chloroform	0.96	J	20.0	19.7		ug/L		94	78 - 125
Chloromethane	1.0	U	20.0	15.2		ug/L		76	43 - 149

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-332933-3 MS
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: MW-7_20250815
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	1.0	U	20.0	19.2		ug/L		96	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	18.0		ug/L		90	74 - 125
Cyclohexane	1.0	U	20.0	17.9		ug/L		89	64 - 142
Dichlorobromomethane	0.98	U	20.0	16.1		ug/L		81	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	13.4		ug/L		67	38 - 144
Ethylbenzene	1.0	U	20.0	19.3		ug/L		97	78 - 120
Ethylene Dibromide	1.0	U	20.0	17.7		ug/L		88	79 - 126
Isopropylbenzene	1.0	U	20.0	19.0		ug/L		95	79 - 125
Methyl acetate	5.0	U	40.0	38.7		ug/L		97	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	18.6		ug/L		93	72 - 131
Methylcyclohexane	1.0	U	20.0	18.1		ug/L		90	63 - 138
Methylene Chloride	1.0	U	20.0	19.7		ug/L		98	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	19.3		ug/L		96	78 - 120
n-Butylbenzene	1.0	U	20.0	17.7		ug/L		88	69 - 135
N-Propylbenzene	1.0	U	20.0	18.4		ug/L		92	68 - 129
o-Xylene	1.0	U	20.0	18.8		ug/L		94	78 - 120
sec-Butylbenzene	1.0	U	20.0	19.1		ug/L		96	77 - 129
Styrene	1.0	U	20.0	17.9		ug/L		90	82 - 127
tert-Butylbenzene	1.0	U	20.0	18.0		ug/L		90	78 - 120
Tetrachloroethene	99		20.0	101	*	ug/L		12	70 - 127
Toluene	1.0	U	20.0	19.3		ug/L		97	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	19.1		ug/L		95	70 - 126
trans-1,3-Dichloropropene	0.45	U	20.0	16.6		ug/L		83	71 - 127
Trichloroethene	0.69		20.0	19.6		ug/L		94	73 - 121
Trichlorofluoromethane	1.0	U	20.0	16.5		ug/L		82	62 - 134
Vinyl chloride	1.0	U	20.0	15.6		ug/L		78	55 - 144
Xylenes, Total	2.0	U	40.0	38.1		ug/L		95	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*104*		*76 - 120*
Dibromofluoromethane (Surr)	*97*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 460-332933-3 MSD
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: MW-7_20250815
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	21.2		ug/L		106	72 - 128	21	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	23.7		ug/L		118	63 - 139	30	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	22.2		ug/L		111	65 - 142	20	30
1,1,2-Trichloroethane	0.58	U	20.0	25.4	*	ug/L		127	74 - 125	15	30
1,1-Dichloroethane	1.0	U	20.0	25.2		ug/L		126	73 - 130	24	30
1,1-Dichloroethene	1.0	U	20.0	24.3		ug/L		121	68 - 133	20	30
1,2,3-Trichlorobenzene	1.0	U	20.0	28.2	*	ug/L		141	55 - 150	37	30
1,2,4-Trichlorobenzene	1.0	U	20.0	27.1	*	ug/L		135	67 - 132	34	30
1,2,4-Trimethylbenzene	1.0	U	20.0	24.1		ug/L		121	75 - 125	27	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-332933-3 MSD
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: MW-7_20250815
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	21.6		ug/L		108	58 - 132	20	30
1,2-Dichlorobenzene	1.0	U	20.0	24.7	*	ug/L		123	80 - 120	28	30
1,2-Dichloroethane	0.30	U	20.0	21.5		ug/L		108	66 - 129	23	30
1,2-Dichloropropane	0.92	U	20.0	23.9		ug/L		120	72 - 128	21	30
1,3,5-Trimethylbenzene	1.0	U	20.0	22.1		ug/L		111	75 - 125	28	30
1,3-Dichlorobenzene	1.0	U	20.0	25.3	*	ug/L		126	80 - 120	29	30
1,4-Dichlorobenzene	1.0	U	20.0	24.9	*	ug/L		124	80 - 120	29	30
2-Butanone (MEK)	5.0	U	100	106		ug/L		106	65 - 142	19	30
2-Hexanone	5.0	U	100	104		ug/L		104	72 - 134	26	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	123		ug/L		123	77 - 130	19	30
Acetone	5.0	U	100	102		ug/L		102	60 - 133	14	30
Benzene	0.45	U	20.0	24.5		ug/L		122	71 - 126	23	30
Bromoform	1.0	U	20.0	18.4		ug/L		92	58 - 128	23	30
Bromomethane	1.0	U	20.0	15.6		ug/L		78	33 - 150	20	30
Carbon disulfide	1.0	U	20.0	22.4		ug/L		112	35 - 150	20	30
Carbon tetrachloride	1.0	U	20.0	19.7		ug/L		99	65 - 131	24	30
Chlorobenzene	1.0	U	20.0	25.5	*	ug/L		127	80 - 120	22	30
Chlorobromomethane	1.0	U	20.0	22.4		ug/L		112	71 - 134	23	30
Chlorodibromomethane	0.78	U	20.0	19.6		ug/L		98	73 - 121	22	30
Chloroethane	1.0	U	20.0	18.4		ug/L		92	54 - 150	17	30
Chloroform	0.96	J	20.0	23.9		ug/L		115	78 - 125	19	30
Chloromethane	1.0	U	20.0	18.8		ug/L		94	43 - 149	21	30
cis-1,2-Dichloroethene	1.0	U	20.0	23.8		ug/L		119	78 - 121	21	30
cis-1,3-Dichloropropene	0.45	U	20.0	22.8		ug/L		114	74 - 125	23	30
Cyclohexane	1.0	U	20.0	22.1		ug/L		110	64 - 142	21	30
Dichlorobromomethane	0.98	U	20.0	19.9		ug/L		100	76 - 121	21	30
Dichlorodifluoromethane	1.0	U	20.0	16.4		ug/L		82	38 - 144	20	30
Ethylbenzene	1.0	U	20.0	23.5		ug/L		117	78 - 120	19	30
Ethylene Dibromide	1.0	U	20.0	22.6		ug/L		113	79 - 126	24	30
Isopropylbenzene	1.0	U	20.0	24.1		ug/L		121	79 - 125	24	30
Methyl acetate	5.0	U	40.0	49.9		ug/L		125	50 - 147	25	30
Methyl tert-butyl ether	1.0	U	20.0	22.7		ug/L		114	72 - 131	20	30
Methylcyclohexane	1.0	U	20.0	22.5		ug/L		113	63 - 138	22	30
Methylene Chloride	1.0	U	20.0	24.7		ug/L		124	74 - 127	23	30
m-Xylene & p-Xylene	1.0	U	20.0	24.3	*	ug/L		122	78 - 120	23	30
n-Butylbenzene	1.0	U	20.0	23.6		ug/L		118	69 - 135	29	30
N-Propylbenzene	1.0	U	20.0	24.2		ug/L		121	68 - 129	27	30
o-Xylene	1.0	U	20.0	23.3		ug/L		117	78 - 120	22	30
sec-Butylbenzene	1.0	U	20.0	24.8		ug/L		124	77 - 129	26	30
Styrene	1.0	U	20.0	23.3		ug/L		116	82 - 127	26	30
tert-Butylbenzene	1.0	U	20.0	23.8		ug/L		119	78 - 120	28	30
Tetrachloroethene	99		20.0	110	*	ug/L		54	70 - 127	8	30
Toluene	1.0	U	20.0	24.4	*	ug/L		122	78 - 120	23	30
trans-1,2-Dichloroethene	1.0	U	20.0	24.0		ug/L		120	70 - 126	23	30
trans-1,3-Dichloropropene	0.45	U	20.0	21.1		ug/L		106	71 - 127	24	30
Trichloroethene	0.69		20.0	24.4		ug/L		118	73 - 121	22	30
Trichlorofluoromethane	1.0	U	20.0	19.9		ug/L		100	62 - 134	19	30
Vinyl chloride	1.0	U	20.0	19.0		ug/L		95	55 - 144	19	30
Xylenes, Total	2.0	U	40.0	47.7		ug/L		119	80 - 120	22	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 128
4-Bromofluorobenzene	105		76 - 120
Dibromofluoromethane (Surr)	98		77 - 132
Toluene-d8 (Surr)	106		80 - 120

Lab Sample ID: MB 460-1056801/10
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/21/25 10:18	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/21/25 10:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/21/25 10:18	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/21/25 10:18	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/21/25 10:18	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/21/25 10:18	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/21/25 10:18	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/21/25 10:18	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 10:18	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/21/25 10:18	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/21/25 10:18	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/21/25 10:18	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/21/25 10:18	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/21/25 10:18	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/21/25 10:18	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/21/25 10:18	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/21/25 10:18	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/21/25 10:18	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/21/25 10:18	1
Acetone	5.0	U	5.0	4.4	ug/L			08/21/25 10:18	1
Benzene	0.45	U	0.45	0.070	ug/L			08/21/25 10:18	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/21/25 10:18	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/21/25 10:18	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/21/25 10:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/21/25 10:18	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/21/25 10:18	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/21/25 10:18	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/21/25 10:18	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/21/25 10:18	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/21/25 10:18	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/21/25 10:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/21/25 10:18	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/21/25 10:18	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/21/25 10:18	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/21/25 10:18	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/21/25 10:18	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/21/25 10:18	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/21/25 10:18	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 10:18	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/21/25 10:18	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/21/25 10:18	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1056801/10
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/21/25 10:18	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/21/25 10:18	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/21/25 10:18	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 10:18	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 10:18	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/21/25 10:18	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 10:18	1
Styrene	1.0	U	1.0	0.42	ug/L			08/21/25 10:18	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 10:18	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			08/21/25 10:18	1
Toluene	1.0	U	1.0	0.38	ug/L			08/21/25 10:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/21/25 10:18	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/21/25 10:18	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			08/21/25 10:18	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/21/25 10:18	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/21/25 10:18	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/21/25 10:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*08/21/25 10:18*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*08/21/25 10:18*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*08/21/25 10:18*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/21/25 10:18*	*1*

Lab Sample ID: LCS 460-1056801/4
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	17.9		ug/L		90	72 - 128
1,1,2,2-Tetrachloroethane	20.0	18.4		ug/L		92	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.2		ug/L		106	65 - 142
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	74 - 125
1,1-Dichloroethane	20.0	20.7		ug/L		104	73 - 130
1,1-Dichloroethene	20.0	19.0		ug/L		95	68 - 133
1,2,3-Trichlorobenzene	20.0	23.4		ug/L		117	55 - 150
1,2,4-Trichlorobenzene	20.0	23.4		ug/L		117	67 - 132
1,2,4-Trimethylbenzene	20.0	19.4		ug/L		97	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	20.0		ug/L		100	58 - 132
1,2-Dichlorobenzene	20.0	21.1		ug/L		105	80 - 120
1,2-Dichloroethane	20.0	17.6		ug/L		88	66 - 129
1,2-Dichloropropane	20.0	19.8		ug/L		99	72 - 128
1,3,5-Trimethylbenzene	20.0	18.0		ug/L		90	75 - 125
1,3-Dichlorobenzene	20.0	21.1		ug/L		106	80 - 120
1,4-Dichlorobenzene	20.0	20.3		ug/L		102	80 - 120
2-Butanone (MEK)	100	89.0		ug/L		89	65 - 142
2-Hexanone	100	84.9		ug/L		85	72 - 134
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	77 - 130

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1056801/4
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	95.0		ug/L		95	60 - 133
Benzene	20.0	19.7		ug/L		98	71 - 126
Bromoform	20.0	16.1		ug/L		81	58 - 128
Bromomethane	20.0	12.9		ug/L		64	33 - 150
Carbon disulfide	20.0	14.7		ug/L		73	35 - 150
Carbon tetrachloride	20.0	17.1		ug/L		85	65 - 131
Chlorobenzene	20.0	20.6		ug/L		103	80 - 120
Chlorobromomethane	20.0	17.2		ug/L		86	71 - 134
Chlorodibromomethane	20.0	16.1		ug/L		81	73 - 121
Chloroethane	20.0	15.6		ug/L		78	54 - 150
Chloroform	20.0	19.4		ug/L		97	78 - 125
Chloromethane	20.0	14.4		ug/L		72	43 - 149
cis-1,2-Dichloroethene	20.0	18.9		ug/L		95	78 - 121
cis-1,3-Dichloropropene	20.0	19.5		ug/L		97	74 - 125
Cyclohexane	20.0	18.8		ug/L		94	64 - 142
Dichlorobromomethane	20.0	17.1		ug/L		86	76 - 121
Dichlorodifluoromethane	20.0	13.5		ug/L		67	38 - 144
Ethylbenzene	20.0	19.4		ug/L		97	78 - 120
Ethylene Dibromide	20.0	18.2		ug/L		91	79 - 126
Isopropylbenzene	20.0	20.4		ug/L		102	79 - 125
Methyl acetate	40.0	42.1		ug/L		105	50 - 147
Methyl tert-butyl ether	20.0	18.4		ug/L		92	72 - 131
Methylcyclohexane	20.0	19.6		ug/L		98	63 - 138
Methylene Chloride	20.0	19.2		ug/L		96	74 - 127
m-Xylene & p-Xylene	20.0	19.7		ug/L		98	78 - 120
n-Butylbenzene	20.0	19.7		ug/L		98	69 - 135
N-Propylbenzene	20.0	19.8		ug/L		99	68 - 129
o-Xylene	20.0	19.1		ug/L		95	78 - 120
sec-Butylbenzene	20.0	20.8		ug/L		104	77 - 129
Styrene	20.0	19.2		ug/L		96	82 - 127
tert-Butylbenzene	20.0	19.6		ug/L		98	78 - 120
Tetrachloroethene	20.0	21.1		ug/L		105	70 - 127
Toluene	20.0	19.5		ug/L		97	78 - 120
trans-1,2-Dichloroethene	20.0	18.5		ug/L		93	70 - 126
trans-1,3-Dichloropropene	20.0	17.9		ug/L		89	71 - 127
Trichloroethene	20.0	19.2		ug/L		96	73 - 121
Trichlorofluoromethane	20.0	19.5		ug/L		98	62 - 134
Vinyl chloride	20.0	15.5		ug/L		78	55 - 144
Xylenes, Total	40.0	38.8		ug/L		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 128*
4-Bromofluorobenzene	*103*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 132*
Toluene-d8 (Surr)	*104*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1056801/5
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	18.9		ug/L		94	72 - 128	5	30
1,1,2,2-Tetrachloroethane			20.0	19.5		ug/L		97	63 - 139	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.4		ug/L		112	65 - 142	6	30
1,1,2-Trichloroethane			20.0	22.6		ug/L		113	74 - 125	11	30
1,1-Dichloroethane			20.0	21.9		ug/L		109	73 - 130	5	30
1,1-Dichloroethene			20.0	20.5		ug/L		102	68 - 133	7	30
1,2,3-Trichlorobenzene			20.0	25.5		ug/L		128	55 - 150	9	30
1,2,4-Trichlorobenzene			20.0	24.6		ug/L		123	67 - 132	5	30
1,2,4-Trimethylbenzene			20.0	20.4		ug/L		102	75 - 125	5	30
1,2-Dibromo-3-Chloropropane			20.0	19.1		ug/L		96	58 - 132	4	30
1,2-Dichlorobenzene			20.0	21.5		ug/L		107	80 - 120	2	30
1,2-Dichloroethane			20.0	18.5		ug/L		92	66 - 129	5	30
1,2-Dichloropropane			20.0	21.5		ug/L		107	72 - 128	8	30
1,3,5-Trimethylbenzene			20.0	19.6		ug/L		98	75 - 125	8	30
1,3-Dichlorobenzene			20.0	22.1		ug/L		111	80 - 120	4	30
1,4-Dichlorobenzene			20.0	22.1		ug/L		111	80 - 120	8	30
2-Butanone (MEK)			100	93.9		ug/L		94	65 - 142	5	30
2-Hexanone			100	91.9		ug/L		92	72 - 134	8	30
4-Methyl-2-pentanone (MIBK)			100	113		ug/L		113	77 - 130	7	30
Acetone			100	99.8		ug/L		100	60 - 133	5	30
Benzene			20.0	21.0		ug/L		105	71 - 126	7	30
Bromoform			20.0	17.9		ug/L		90	58 - 128	10	30
Bromomethane			20.0	13.0		ug/L		65	33 - 150	1	30
Carbon disulfide			20.0	15.5		ug/L		77	35 - 150	5	30
Carbon tetrachloride			20.0	18.2		ug/L		91	65 - 131	7	30
Chlorobenzene			20.0	21.9		ug/L		110	80 - 120	6	30
Chlorobromomethane			20.0	18.3		ug/L		91	71 - 134	6	30
Chlorodibromomethane			20.0	17.6		ug/L		88	73 - 121	9	30
Chloroethane			20.0	15.8		ug/L		79	54 - 150	1	30
Chloroform			20.0	21.0		ug/L		105	78 - 125	8	30
Chloromethane			20.0	14.6		ug/L		73	43 - 149	2	30
cis-1,2-Dichloroethene			20.0	20.5		ug/L		103	78 - 121	8	30
cis-1,3-Dichloropropene			20.0	20.5		ug/L		103	74 - 125	5	30
Cyclohexane			20.0	19.9		ug/L		100	64 - 142	6	30
Dichlorobromomethane			20.0	18.0		ug/L		90	76 - 121	5	30
Dichlorodifluoromethane			20.0	14.1		ug/L		71	38 - 144	5	30
Ethylbenzene			20.0	20.3		ug/L		102	78 - 120	4	30
Ethylene Dibromide			20.0	19.7		ug/L		98	79 - 126	8	30
Isopropylbenzene			20.0	22.2		ug/L		111	79 - 125	8	30
Methyl acetate			40.0	43.5		ug/L		109	50 - 147	3	30
Methyl tert-butyl ether			20.0	19.9		ug/L		99	72 - 131	8	30
Methylcyclohexane			20.0	21.4		ug/L		107	63 - 138	9	30
Methylene Chloride			20.0	20.7		ug/L		104	74 - 127	8	30
m-Xylene & p-Xylene			20.0	21.6		ug/L		108	78 - 120	9	30
n-Butylbenzene			20.0	21.3		ug/L		107	69 - 135	8	30
N-Propylbenzene			20.0	21.2		ug/L		106	68 - 129	7	30
o-Xylene			20.0	20.7		ug/L		103	78 - 120	8	30
sec-Butylbenzene			20.0	22.5		ug/L		113	77 - 129	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1056801/5
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			20.0	20.9		ug/L		104	82 - 127	8	30
tert-Butylbenzene			20.0	21.1		ug/L		105	78 - 120	7	30
Tetrachloroethene			20.0	22.3		ug/L		111	70 - 127	6	30
Toluene			20.0	20.7		ug/L		104	78 - 120	6	30
trans-1,2-Dichloroethene			20.0	19.8		ug/L		99	70 - 126	7	30
trans-1,3-Dichloropropene			20.0	18.6		ug/L		93	71 - 127	4	30
Trichloroethene			20.0	20.8		ug/L		104	73 - 121	8	30
Trichlorofluoromethane			20.0	20.5		ug/L		103	62 - 134	5	30
Vinyl chloride			20.0	16.1		ug/L		81	55 - 144	4	30
Xylenes, Total			40.0	42.3		ug/L		106	80 - 120	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 460-332953-A-2 MS
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.1		20.0	19.0		ug/L		90	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	19.1		ug/L		96	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	21.7		ug/L		109	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	19.6		ug/L		98	74 - 125
1,1-Dichloroethane	5.6		20.0	26.0		ug/L		102	73 - 130
1,1-Dichloroethene	1.0	U	20.0	18.7		ug/L		94	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	21.0		ug/L		105	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	21.2		ug/L		106	67 - 132
1,2-Dichlorobenzene	1.0	U	20.0	20.4		ug/L		102	80 - 120
1,2-Dichloroethane	0.30	U	20.0	18.0		ug/L		90	66 - 129
1,2-Dichloropropane	0.92	U	20.0	19.8		ug/L		99	72 - 128
1,3-Dichlorobenzene	1.0	U	20.0	20.1		ug/L		100	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	20.0		ug/L		100	80 - 120
2-Butanone (MEK)	5.0	U	100	90.3		ug/L		90	65 - 142
2-Hexanone	5.0	U	100	84.4		ug/L		84	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	104		ug/L		104	77 - 130
Acetone	5.0	U	100	97.5		ug/L		97	60 - 133
Benzene	0.45	U	20.0	19.8		ug/L		99	71 - 126
Bromoform	1.0	U	20.0	16.7		ug/L		84	58 - 128
Bromomethane	1.0	U	20.0	12.6		ug/L		63	33 - 150
Carbon disulfide	1.0	U	20.0	13.3		ug/L		67	35 - 150
Carbon tetrachloride	1.0	U	20.0	17.1		ug/L		85	65 - 131
Chlorobenzene	1.0	U	20.0	21.7		ug/L		108	80 - 120
Chlorobromomethane	1.0	U	20.0	18.4		ug/L		92	71 - 134
Chlorodibromomethane	0.78	U	20.0	16.6		ug/L		83	73 - 121
Chloroethane	1.2		20.0	15.5		ug/L		71	54 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-332953-A-2 MS
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	1.0	U	20.0	19.9		ug/L		100	78 - 125
Chloromethane	1.0	U	20.0	13.4		ug/L		67	43 - 149
cis-1,2-Dichloroethene	1.6		20.0	20.2		ug/L		93	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	18.8		ug/L		94	74 - 125
Cyclohexane	1.0	U	20.0	18.3		ug/L		91	64 - 142
Dichlorobromomethane	0.98	U	20.0	17.3		ug/L		87	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	11.9		ug/L		60	38 - 144
Ethylbenzene	1.0	U	20.0	19.8		ug/L		99	78 - 120
Isopropylbenzene	1.0	U	20.0	20.6		ug/L		103	79 - 125
Methyl acetate	5.0	U	40.0	38.1		ug/L		95	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	19.3		ug/L		97	72 - 131
Methylcyclohexane	1.0	U	20.0	18.8		ug/L		94	63 - 138
Methylene Chloride	1.0	U	20.0	20.2		ug/L		101	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	19.2		ug/L		96	78 - 120
o-Xylene	1.0	U	20.0	18.8		ug/L		94	78 - 120
Styrene	1.0	U	20.0	19.3		ug/L		96	82 - 127
Tetrachloroethene	0.40	U	20.0	21.6		ug/L		108	70 - 127
Toluene	1.0	U	20.0	19.5		ug/L		98	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	18.6		ug/L		93	70 - 126
trans-1,3-Dichloropropene	0.45	U	20.0	17.3		ug/L		86	71 - 127
Trichloroethene	0.50		20.0	19.7		ug/L		96	73 - 121
Trichlorofluoromethane	1.0	U	20.0	19.8		ug/L		99	62 - 134
Xylenes, Total	2.0	U	40.0	37.9		ug/L		95	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*
4-Bromofluorobenzene	*111*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 132*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 460-332953-A-2 MSD
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.1		20.0	20.3		ug/L		96	72 - 128	6	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	20.4		ug/L		102	63 - 139	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	22.1		ug/L		111	65 - 142	2	30
1,1,2-Trichloroethane	0.58	U	20.0	20.7		ug/L		103	74 - 125	5	30
1,1-Dichloroethane	5.6		20.0	27.6		ug/L		110	73 - 130	6	30
1,1-Dichloroethene	1.0	U	20.0	19.6		ug/L		98	68 - 133	4	30
1,2,3-Trichlorobenzene	1.0	U	20.0	25.3		ug/L		126	55 - 150	18	30
1,2,4-Trichlorobenzene	1.0	U	20.0	24.4		ug/L		122	67 - 132	14	30
1,2-Dichlorobenzene	1.0	U	20.0	22.7		ug/L		114	80 - 120	11	30
1,2-Dichloroethane	0.30	U	20.0	18.8		ug/L		94	66 - 129	4	30
1,2-Dichloropropane	0.92	U	20.0	21.4		ug/L		107	72 - 128	8	30
1,3-Dichlorobenzene	1.0	U	20.0	21.8		ug/L		109	80 - 120	8	30
1,4-Dichlorobenzene	1.0	U	20.0	21.8		ug/L		109	80 - 120	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-332953-A-2 MSD
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)	5.0	U	100	96.4		ug/L		96	65 - 142	6	30
2-Hexanone	5.0	U	100	93.7		ug/L		94	72 - 134	10	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	117		ug/L		117	77 - 130	11	30
Acetone	5.0	U	100	97.1		ug/L		97	60 - 133	0	30
Benzene	0.45	U	20.0	20.7		ug/L		104	71 - 126	5	30
Bromoform	1.0	U	20.0	16.5		ug/L		83	58 - 128	1	30
Bromomethane	1.0	U	20.0	12.4		ug/L		62	33 - 150	2	30
Carbon disulfide	1.0	U	20.0	13.9		ug/L		70	35 - 150	4	30
Carbon tetrachloride	1.0	U	20.0	18.0		ug/L		90	65 - 131	5	30
Chlorobenzene	1.0	U	20.0	23.0		ug/L		115	80 - 120	6	30
Chlorobromomethane	1.0	U	20.0	19.6		ug/L		98	71 - 134	6	30
Chlorodibromomethane	0.78	U	20.0	17.0		ug/L		85	73 - 121	3	30
Chloroethane	1.2		20.0	16.2		ug/L		75	54 - 150	4	30
Chloroform	1.0	U	20.0	21.0		ug/L		105	78 - 125	5	30
Chloromethane	1.0	U	20.0	13.8		ug/L		69	43 - 149	3	30
cis-1,2-Dichloroethene	1.6		20.0	21.7		ug/L		100	78 - 121	7	30
cis-1,3-Dichloropropene	0.45	U	20.0	19.0		ug/L		95	74 - 125	1	30
Cyclohexane	1.0	U	20.0	19.7		ug/L		98	64 - 142	8	30
Dichlorobromomethane	0.98	U	20.0	17.9		ug/L		89	76 - 121	3	30
Dichlorodifluoromethane	1.0	U	20.0	12.5		ug/L		62	38 - 144	5	30
Ethylbenzene	1.0	U	20.0	20.8		ug/L		104	78 - 120	5	30
Isopropylbenzene	1.0	U	20.0	21.5		ug/L		107	79 - 125	4	30
Methyl acetate	5.0	U	40.0	41.5		ug/L		104	50 - 147	9	30
Methyl tert-butyl ether	1.0	U	20.0	19.2		ug/L		96	72 - 131	1	30
Methylcyclohexane	1.0	U	20.0	21.1		ug/L		105	63 - 138	12	30
Methylene Chloride	1.0	U	20.0	20.9		ug/L		104	74 - 127	3	30
m-Xylene & p-Xylene	1.0	U	20.0	21.6		ug/L		108	78 - 120	12	30
o-Xylene	1.0	U	20.0	19.6		ug/L		98	78 - 120	4	30
Styrene	1.0	U	20.0	20.7		ug/L		103	82 - 127	7	30
Tetrachloroethene	0.40	U	20.0	22.3		ug/L		111	70 - 127	3	30
Toluene	1.0	U	20.0	20.3		ug/L		102	78 - 120	4	30
trans-1,2-Dichloroethene	1.0	U	20.0	19.3		ug/L		96	70 - 126	4	30
trans-1,3-Dichloropropene	0.45	U	20.0	18.2		ug/L		91	71 - 127	5	30
Trichloroethene	0.50		20.0	21.3		ug/L		104	73 - 121	8	30
Trichlorofluoromethane	1.0	U	20.0	19.7		ug/L		99	62 - 134	0	30
Xylenes, Total	2.0	U	40.0	41.2		ug/L		103	80 - 120	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*
4-Bromofluorobenzene	*107*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

GC/MS VOA

Analysis Batch: 1056703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-332933-1	MW-6_20250815	Total/NA	Water	8260D	
460-332933-2	DUP-01_20250815	Total/NA	Water	8260D	
460-332933-3	MW-7_20250815	Total/NA	Water	8260D	
460-332933-5	FB-01_20250815	Total/NA	Water	8260D	
460-332933-6	TB-01_20250815	Total/NA	Water	8260D	
MB 460-1056703/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1056703/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1056703/6	Lab Control Sample Dup	Total/NA	Water	8260D	
460-332933-3 MS	MW-7_20250815	Total/NA	Water	8260D	
460-332933-3 MSD	MW-7_20250815	Total/NA	Water	8260D	

Analysis Batch: 1056801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-332933-4	MW-8_20250815	Total/NA	Water	8260D	
MB 460-1056801/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1056801/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1056801/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-332953-A-2 MS	Matrix Spike	Total/NA	Water	8260D	
460-332953-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: MW-6_20250815
Date Collected: 08/15/25 10:05
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1056703	VBP	EET EDI	08/21/25 06:19

Client Sample ID: DUP-01_20250815
Date Collected: 08/15/25 10:10
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1056703	VBP	EET EDI	08/21/25 06:40

Client Sample ID: MW-7_20250815
Date Collected: 08/15/25 11:50
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1056703	VBP	EET EDI	08/21/25 07:00

Client Sample ID: MW-8_20250815
Date Collected: 08/15/25 13:05
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1056801	CJM	EET EDI	08/21/25 14:48

Client Sample ID: FB-01_20250815
Date Collected: 08/15/25 11:30
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1056703	VBP	EET EDI	08/20/25 23:22

Client Sample ID: TB-01_20250815
Date Collected: 08/15/25 00:00
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1056703	VBP	EET EDI	08/20/25 23:42

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-332933-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-332933-1	MW-6_20250815	Water	08/15/25 10:05	08/15/25 19:10	New York
460-332933-2	DUP-01_20250815	Water	08/15/25 10:10	08/15/25 19:10	New York
460-332933-3	MW-7_20250815	Water	08/15/25 11:50	08/15/25 19:10	New York
460-332933-4	MW-8_20250815	Water	08/15/25 13:05	08/15/25 19:10	New York
460-332933-5	FB-01_20250815	Water	08/15/25 11:30	08/15/25 19:10	New York
460-332933-6	TB-01_20250815	Water	08/15/25 00:00	08/15/25 19:10	New York

Chain of Custody Record 761779

eurofins | Environment Testing

Address _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Matt Levy	Site Contact: Zavier Richards	Date: 8/15/25	COC No: 1
Company Name: Haley & Aldrich	Tel/Email: MLevy@haleyaldrich.com	Lab Contact:	Carrier:	1 of 1 COCs
Address: 213 W 35th St, 7th Floor	Analysis Turnaround Time: ☐ CALENDAR DAYS ☐ WORKING DAYS			Sampler:
City/State/Zip: New York, NY 10001	TAT if different from Below: ☐ 2 weeks ☑ 1 week ☐ 2 days ☐ 1 day			For Lab Use Only: Walk-in Client: Lab Sampling:
Phone: 646-893-4733				Job / SDG No: 332933
Fax: mfershay@haleyaldrich.com				
Project Name: 1885 Atlantic Avenue Brooklyn				
Site: 1885 Atlantic Ave, Brooklyn, NY				
PO# 205125				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260D - TCL/Part 375 VOCs	Sample Specific Notes.
MW-6_20250815	8/15/25	10:05	G	water	3			X	RUN
DUP-01_20250815	8/15/25	10:10	G	water	3			X	RUN
MW-7_20250815	8/15/25	11:50	G	water	9		X	X	RUN MS/MSD
MW-8_20250815	8/15/25	13:05	G	water	3			X	~~Field Blank~~ RUN
FB-01_20250815	8/15/25	11:30	G	water	2			X	Field Blank
TB-01_20250815	8/15/25	—	G	water	2			X	Trip Blank

460-332933 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for: _____ Months

Special Instructions/QC Requirements & Comments. 8260D - TCL/Part 375 VOCs

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No		Cooler Temp. (°C): Obs'd. _____ Corr'd. _____ Therm ID No. _____		
Relinquished by: Zavier Richards	Company: HA	Date/Time: 8/15/25	Received by:	Company: Tudd	Date/Time: 8/15/25 1545
Relinquished by:	Company:	Date/Time: 8/15/25 1700	Received by:	Company: EET	Date/Time: 8/15/25 1730
Relinquished by:	Company: EET 8/15/25	Date/Time: 1910	Received in Laboratory by: Emily Laffin	Company: EET	Date/Time: 8/15/25 1910

NO CS IR#9 1.2 — 0.9

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8/22/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 332933

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.2 °C	0.9 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: MM Date: 8/15/25

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-332933-1

Login Number: 332933
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B
SVE Maintenance Field Forms

INFLUENT AND EFFLUENT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 7/10/2025
Weather: L: 73 H:82 Wind: SE @2mph RH:64%
Personnel: Z.Richards, S. Greco

SVE Blower Time (Previous): 6556.9
SVE Blower Time (Current): 6850.1
Time: 10:25

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection	10:25	29.79	1	193.1	-	1365 ft/min
Combined SVE/SSDS Influent	10:28	169.15	1	22.3	-	1938 ft/min
Filter Influent	10:29	-	4	-	-	
Filter Effluent	10:29	-	4	-	-	
Effluent before Drums	10:30	180	1.8	-	150	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1	10:35	204.71	29	8.4	-	4170 ft/min
Effluent after Drum 2	10:37	222.13	4	0	-	4525 ft/min

Notes:
cfm - cubic feet per minute
ppm - parts per million
IWC - inches of water column
°F - degrees Fahrenheit

INFLUENT AND EFFLUENT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 7/10/2025
Weather: L: 73 H:82 Wind: SE @2mph RH:64%
Personnel: Z.Richards, S. Greco

SVE Blower Time (Previous): 6850.1
SVE Blower Time (Current): 6852
Time: 12:20

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection	12:20	39.51	2	28.5	-	1811 ft/min
Combined SVE/SSDS Influent	12:24	188.32	3	23	-	2158 ft/min
Filter Influent	12:26	-	4	-	-	
Filter Effluent	12:28	-	4	-	-	
Effluent before Drums	12:30	180	1.85	-	150	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1	12:35	187.09	29	0.7	-	3811 ft/min
Effluent after Drum 2	12:37	236.76	4	0	-	4323 ft/min

Notes:
cfm - cubic feet per minute
ppm - parts per million
IWC - inches of water column
°F - degrees Fahrenheit

VAPOR EXTRACTION POINT AND MONITORING POINT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 7/10/2025 SVE Blower Time (Previous): 6556.9

Weather: L: 73 H:82 Wind: SE @2mph RH:64% SVE Blower Time (Current): 6850.1

Personnel: Z.Richards, S. Greco Time: 9:52

VEP/MP	Time	Air Flow (cfm)	PID Reading (ppm)	Notes
SVE-1S	9:52	3.86	284.2	292 ft/min
SVE-1D				
SVE-2S	12:05	7.25	163.2	590 ft/min
SVE-2D				
SVE-3S	9:59	8.63	142.3	709 ft/min
SVE-3D				
SVE-4S	12:09	15.92	31.3	1297 ft/min
SVE-4D				
SVE-5S	9:50	9.17	56.3	840 ft/min
SVE-5D				
SVE-6S	12:14	9.98	179.2	814 ft/min
SVE-6D				
SVE-7S	9:55	12	99.8	980 ft/min
SVE-7D				
SVE-8S	12:10	5.46	7.4	445 ft/min
SVE-8D				
SVE-9S	9:58	8.53	120.9	695 ft/min
SVE-9D				
MP-1_25	10:00		0.1	IWC=0.0329
MP-1_35	10:02		4.2	IWC=0.0514
MP-1_45	10:04		2.8	IWC=0.0892
MP-1_55	10:06		0.3	IWC=0.215
MP-2_25	10:08		0	IWC=0.0612
MP-2_35	10:10		0	IWC=0.294
MP-2_45	10:12		0	IWC=0.138
MP-2_55	10:14		0	IWC=0.368

Notes:
cfm - cubic feet per minute
ppm - parts per million
VEP - Vapor Extraction Point
MP - Monitoring Point

INFLUENT AND EFFLUENT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 8/14/2025

Weather: l;74 H:86 Wind:S @3 mph Rh:97%

Personnel: Z.Richards

SVE Blower Time (Previous): 6852

SVE Blower Time (Current): 7688.8

Time: 9:10

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection	9:10	17.8	2.08	69.8	-	816 ft/min
Combined SVE/SSDS Influent	9:15	197.99	2.33	33.4	-	2269 ft/min
Filter Influent	9:35	-	2.5	-	-	
Filter Effluent	9:35	-	2.5	-	-	
Effluent before Drums	9:35	180	2	-	150	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1	9:20	232.08		1.8	-	4728 ft/min
Effluent after Drum 2	9:25	248.64		2.1	-	5065 ft/min

Notes:
cfm - cubic feet per minute
ppm - parts per million
IWC - inches of water column
°F - degrees Fahrenheit

VAPOR EXTRACTION POINT AND MONITORING POINT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 8/14/2025 SVE Blower Time (Previous): 6852

Weather: l;74 H:86 Wind:S @3 mph Rh:97% SVE Blower Time (Current): 7688.8

Personnel: Z.Richards Time: 8:30

VEP/MP	Time	Air Flow (cfm)	PID Reading (ppm)	Notes
SVE-1S				
SVE-1D				
SVE-2S	8:38	2.43	12.1	198 ft/min
SVE-2D				
SVE-3S				
SVE-3D				
SVE-4S	8:48	13.74	3.5	1120 ft/min
SVE-4D				
SVE-5S				
SVE-5D				
SVE-6S	8:54	5.13	910.4	418 ft/min
SVE-6D				
SVE-7S				
SVE-7D				
SVE-8S	8:52	1.84	66.6	150 ft/min
SVE-8D				
SVE-9S				
SVE-9D				
MP-1_25	8:56		0.1	0.194 IWC
MP-1_35	8:58		0.2	0.19 IWC
MP-1_45	9:00		0.3	0.0132 IWC
MP-1_55	9:02		0.1	0.0235 IWC
MP-2_25	9:04		0	0.0034 IWC
MP-2_35	9:06		0	0.0004 IWC
MP-2_45	9:08		0	0.0038 IWC
MP-2_55	9:10		0	0.0018 IWC

Notes:
cfm - cubic feet per minute
ppm - parts per million
VEP - Vapor Extraction Point
MP - Monitoring Point

INFLUENT AND EFFLUENT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 9/26/2025

Weather: L:67 H:79 Wind:WSW @4 mph Rh:94%

Personnel: Z.Richards

SVE Blower Time (Previous): 7688.8

SVE Blower Time (Current): 8720.5

Time: 9:50

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection	11:15	19.71	2.92	73.7		903 ft/min
Combined SVE/SSDS Influent	11:19	220.1	3.29	38.5		2522 ft/min
Filter Influent	11:22	-	8	-	-	
Filter Effluent	11:22	-	8	-	-	
Effluent before Drums		200	2.6	-	127	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1	11:24	298.71	Overflow	1.9	-	6085 ft/min
Effluent after Drum 2	11:26	289.45	Overflow	1	-	5897 ft/min

Notes:
cfm - cubic feet per minute
ppm - parts per million
IWC - inches of water column
°F - degrees Fahrenheit

INFLUENT AND EFFLUENT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 9/26/2025

Weather: L:67 H:79 Wind:WSW @4 mph Rh:94%

Personnel: Z.Richards

SVE Blower Time (Previous): 8720.5

SVE Blower Time (Current): 8722.6

Time: 12:00

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection	14:40	33.22	2.65	33.9		1523 ft/min
Combined SVE/SSDS Influent	14:45	233.18	2.96	11.5		2672 ft/min
Filter Influent	14:50	-	8	-	-	
Filter Effluent	14:50	-	8	-	-	
Effluent before Drums	14:50	200	2.6	-	126	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1	14:55	291.69	Overflow	1.1	-	5942 ft/min
Effluent after Drum 2	15:00	275.37	Overflow	0.3	-	5610 ft/min

Notes:
cfm - cubic feet per minute
ppm - parts per million
IWC - inches of water column
°F - degrees Fahrenheit

VAPOR EXTRACTION POINT AND MONITORING POINT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 9/26/2025 SVE Blower Time (Previous): 8720.5

Weather: L:67 H:79 Wind:WSW @4 mph Rh:94% SVE Blower Time (Current): 8722.6

Personnel: Z.Richards Time: 12:00

VEP/MP	Time	Air Flow (cfm)	PID Reading (ppm)	Notes
SVE-1S	1:10	1.88	412.1	153 ft/min
SVE-1D	1:15	2.34	184.8	190 ft/min
SVE-2S	1:20	6.17	29.8	503 ft/min
SVE-2D	1:25	2.21	70.1	180 ft/min
SVE-3S	1:30	1.16	666.3	95 ft/min
SVE-3D	1:35	3.53	89.9	288 ft/min
SVE-4S	1:40	8.58	3.9	699 ft/min
SVE-4D	1:45	8.18	5.9	666 ft/min
SVE-5S	1:50	1.82	39.3	149 ft/ min
SVE-5D	1:55	1.13	18.3	92 ft/min
SVE-6S	2:00	2.53	439.4	206 ft/min
SVE-6D	2:05	2.54	139.3	207 ft/min
SVE-7S	2:10	2.5	49	204 ft/min
SVE-7D	2:15	3.02	97.3	246 ft/min
SVE-8S	2:20	3.95	189.2	322 ft/min
SVE-8D	2:25	4.61	69.3	375 ft/min
SVE-9S	2:30	3.5	91.6	285 ft/min
SVE-9D	2:35	1.88	39.2	153 ft/min
MP-1_25	16:01		0	0.675
MP-1_35	16:03		0	0.682
MP-1_45	16:05		0	-0.129 (UNFL)
MP-1_55	16:07		0	0.451
MP-2_25	16:09		0	-0.225 (UNFL)
MP-2_35	16:11		0	-0.154(UNFL)
MP-2_45	16:13		0	1.165
MP-2_55	16:15		0	-0.152(UNFL)

Notes:
cfm - cubic feet per minute
ppm - parts per million
VEP - Vapor Extraction Point
MP - Monitoring Point

H & A OF NEW YORK ENGINEERING
AND GEOLOGY, LLP
213 W 35TH Street
7th Floor
New York, NY 10001
646.277.5685

February 3, 2026
File No. 020125-001

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233

Attention: Sadique Ahmed

Subject: 1885 Atlantic Avenue Redevelopment Site
Post-Remediation Quarterly Progress Report – December 2025
Brooklyn, New York
Brownfield Site #C224347

Dear Mr. Ahmed:

H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) is pleased to submit this report, which documents groundwater monitoring, soil vapor extraction (SVE) system monitoring, and sub-slab depressurization system (SSDS) monitoring activities at the 1885 Atlantic Avenue Redevelopment Site ("Site") for Q4 2025. 1885 Atlantic Realty LLC (the Volunteer) has remediated a 0.250-acre property known as the 1885 Atlantic Avenue Redevelopment Site, designated under Brownfield Cleanup Program (BCP) Site No. C224347. See **Figure 1** for a Site plan.

Purpose

This report summarizes quarterly groundwater monitoring and monthly and quarterly SVE system monitoring, and biannual SSDS monitoring, which are requirements of the New York State Department of Environmental Conservation (NYSDEC)-approved Site Management Plan (SMP) dated September 2024.

An Environmental Easement (EE) package was submitted to NYSDEC and the Kings County Clerk on March 7, 2024. The EE requires compliance with the approved SMP and the Institutional Controls (ICs) placed on the Site. The SMP indicates that upon the completion of the post-remedial sampling and evaluation of the results, a determination will be made if the ICs can be lifted or become permanent. The SMP further indicates that samples will be collected until the EE is terminated in accordance with New York State Environmental Conservation Law (ECL) Article 71, Title 36.

Scope

During monthly monitoring events, SVE system reading collection and a visual inspection were conducted by a qualified person under the supervision of the Remedial Engineer (RE). During quarterly monitoring events, vapor samples were collected from the SVE system, and groundwater samples were collected from the groundwater monitoring wells to assess the performance of the remedy. During biannual

monitoring events, SSDS reading collection and a visual inspection were conducted by a qualified person under the supervision of the RE.

Monitoring Network

Three monitoring wells were used for post-remediation groundwater monitoring, including one upgradient well (MW-6), one cross-gradient well (MW-7), and one downgradient well (MW-8). The monitoring wells are shown on **Figure 2**.

Groundwater Monitoring

Groundwater monitoring has occurred at the Site since the completion of remediation in December 2023. Groundwater remediation included the injection of alkaline-activated persulfate (AP-pH) into the groundwater through six injection wells to reduce elevated petroleum-based volatile organic compound (VOC) and polycyclic aromatic hydrocarbon (PAH) concentrations in the groundwater. A single injection event occurred from September 26, 2023, to September 29, 2023, during which AP-pH was injected into the groundwater via injection points at a depth interval of 60 to 80 feet (ft) below ground surface (bgs). A total of 16,210 pounds of sodium persulfate, 2,017 gallons of 25 percent sodium hydroxide solution, and 8,864 gallons of potable water were mixed to create a 15 percent activated persulfate solution (AP-pH mixed with municipal water).

The Q4 2025 groundwater sampling round was performed on December 11, 2025, using low-flow procedures. Samples were collected and analyzed for Target Compound List (TCL) VOCs by U.S. Environmental Protection Agency (USEPA) Method 8260B. Well purging, sampling, sample containment, chain of custody and sample shipping procedures, and laboratory analyses were completed in accordance with the SMP. Chemical analyses were performed by Eurofins Environmental Testing LLC (Eurofins), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory.

Groundwater Results Summary

Results exceeding the groundwater values listed in the Division of Water Technical and Operational Guidance Series 1.1.1, Ambient Water Quality Standards (AWQS), are summarized as follows:

MW-6 (upgradient): One VOC (tetrachloroethene [PCE]) was detected above its AWQS at a concentration of 76 micrograms per liter (µg/L).

MW-7 (cross-gradient): One VOC (PCE) was detected above the AWQS at a concentration of 95 µg/L.

MW-8 (downgradient): No VOCs were detected above the AWQS.

Results for the December 2025 sampling round are provided in **Table I** and **Figure 2**. The analytical laboratory report is provided as **Appendix A**. An electronic data deliverable (EDD) will be submitted as

part of the 2026 Periodic Review Report (PRR) due in May 2026, 16 months following issuance of the certificate of completion issued on December 2, 2024.

SVE System Monitoring

Monthly SVE system maintenance and monitoring were conducted in October, November, and December 2025 in accordance with the NYSDEC-approved SMP. Maintenance and monitoring activities included a visual inspection of system components and collecting flow, photoionization detector (PID), pressure/vacuum, and temperature readings associated with the SVE wells, SVE/SSDS blower, granular-activated carbon drums, and SVE monitoring points. Field forms for each maintenance and monitoring event are included in **Appendix B**.

Quarterly vapor sampling of the SVE system was conducted in October and December 2025 and included an SVE/SSDS combined influent sample and an SVE/SSDS effluent sample analyzed for VOCs by USEPA Method TO-15. Chemical analyses were performed by Pace Analytical (Pace), an NYSDOH ELAP-certified laboratory. Analytical results will be included in the 2026 PRR.

SSDS Monitoring

Biannual SSDS maintenance and monitoring were conducted in November 2025 in accordance with the NYSDEC-approved SMP. Maintenance and monitoring activities included a visual inspection of system components and collecting vacuum readings associated with the sub-slab monitoring points. Field readings are included in **Table II**.

Conclusions

GROUNDWATER

As documented in the NYSDEC-approved Final Engineering Report (FER) dated September 2024, PCE is not considered a Site contaminant as it was not observed during the remedial investigation or used in historical Site operations. Elevated PCE concentrations in the upgradient well (MW-6) and cross-gradient well (MW-7) are attributed to an off-site source. Haley & Aldrich of New York recommends continued quarterly sampling of the three monitoring wells.

SVE SYSTEM

Monthly PID readings and quarterly SVE system vapor samples indicate the system is effectively removing VOC contamination from the subsurface. Haley & Aldrich of New York recommends continued operation and monitoring of the SVE system per the SMP.

SSDS

Biannual monitoring readings indicate the SSDS is operating effectively. The SVE system is concurrently treating shallow contamination (i.e., 10 to 20 ft below the slab), which also mitigates potential soil vapor

intrusion. Additionally, the cellar level is currently used as a garage space and does not have any occupied space. The SSDS will continue to operate and will not be discontinued until written approval is granted by NYSDEC.

Future Monitoring

Future monitoring events in the first quarter of 2026 will include monthly visits for SVE system monitoring, biannual readings for the SSDS, and quarterly visits for groundwater and SVE system sampling.

Please do not hesitate to call if you have any questions or comments.

Sincerely yours,
H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP

Matthew Forshay, P.E.
Assistant Project Manager

Matthew Levy
Senior Project Manager

Attachments:

Table I – Summary of Groundwater Quality Data
Table II – Vacuum Readings
Figure 1 – Site Plan
Figure 2 – Post Remedy Groundwater Exceedances Q4 2025
Appendix A – December 2025 Groundwater Laboratory
Report Appendix B – SVE Maintenance Field Forms

\\haleyaldrich.com\share\CF\Projects\0205125\Deliverables\22. Quarterly Groundwater Monitoring Reports\2025_Q4 GWM Report\2026-0203 HANY GWM Report Q4 2025_F.docx

TABLES

TABLE I

SUMMARY OF GROUNDWATER QUALITY DATA

1885 ATLANTIC AVENUE

BROOKLYN, NEW YORK

FILE NO. 0205125

	Criteria				
Location Name	New York TOGS	MW-06	MW-07	MW-08	MW-08
Sample Name	111 Ambient	MW-6_20251211	MW-7_20251211	MW-8_20251211	DUP-1_20251211
Sample Date	Water Quality	12/11/2025	12/11/2025	12/11/2025	12/11/2025
Lab Sample ID	Standards	460-341362-2	460-341362-1	460-341362-3	460-341362-4
Volatile Organic Compounds (ug/L)					
1,1,1-Trichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	5	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
1,1,2-Trichloroethane	1	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)
1,1-Dichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,3-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	0.6	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
1,2-Dichloropropane	1	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
1,3,5-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone (Methyl Butyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)
2-Phenylbutane (sec-Butylbenzene)	5	ND (1)	ND (1)	ND (1)	ND (1)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	50	ND (5)	ND (5)	ND (5)	ND (5)
Benzene	1	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Bromodichloromethane	50	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)
Bromoform	50	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	5	ND (1)	ND (1)	ND (1)	ND (1)
Carbon disulfide	60	ND (1)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	5	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobromomethane	5	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	7	0.65 J	0.77 J	ND (1)	ND (1)
Chloromethane (Methyl Chloride)	5	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,3-Dichloropropene	0.4	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Cyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	50	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)
Dichlorodifluoromethane (CFC-12)	5	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	5	ND (1)	ND (1)	ND (1)	ND (1)
m,p-Xylenes	5	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	NA	ND (5)	ND (5)	ND (5)	ND (5)
Methyl Tert Butyl Ether (MTBE)	10	ND (1)	ND (1)	ND (1)	ND (1)
Methylcyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride (Dichloromethane)	5	ND (1)	ND (1)	ND (1)	ND (1)
n-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
n-Propylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
o-Xylene	5	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	5	ND (1)	ND (1)	ND (1)	ND (1)
tert-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	5	76	95	2.4	2.2
Toluene	5	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	0.4	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Trichloroethene	5	0.45	0.61	ND (0.28)	ND (0.28)
Trichlorofluoromethane (CFC-11)	5	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	5	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	2	ND (1)	ND (1)	ND (1)	ND (1)
Xylene (Total)	5	ND (2)	ND (2)	ND (2)	ND (2)

ABBREVIATIONS AND NOTES:

µg/L: micrograms per liter

-: Not Analyzed

J: Value is estimated.

NA: Not Applicable

ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.

- Water analytical results are compared to the New York TOGS 111 Ambient Water Quality Standards.

- Bold indicates an exceedance of AWQS criteria.

TABLE II
VACUUM READINGS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK
FILE NO. 0205125

Monitoring Point ID	Vacuum (Inches of H_2O)
MP-1	0.298
MP-2	0.259
MP-3	0.361
MP-4	0.005
MP-5	0.219
MP-6	0.261

Notes:
Readings were collected on November 10, 2025

FIGURES

LEGEND

- COMMUTER RAIL LINE
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2023

N

0 40 80

SCALE IN FEET

HALEY ALDRICH

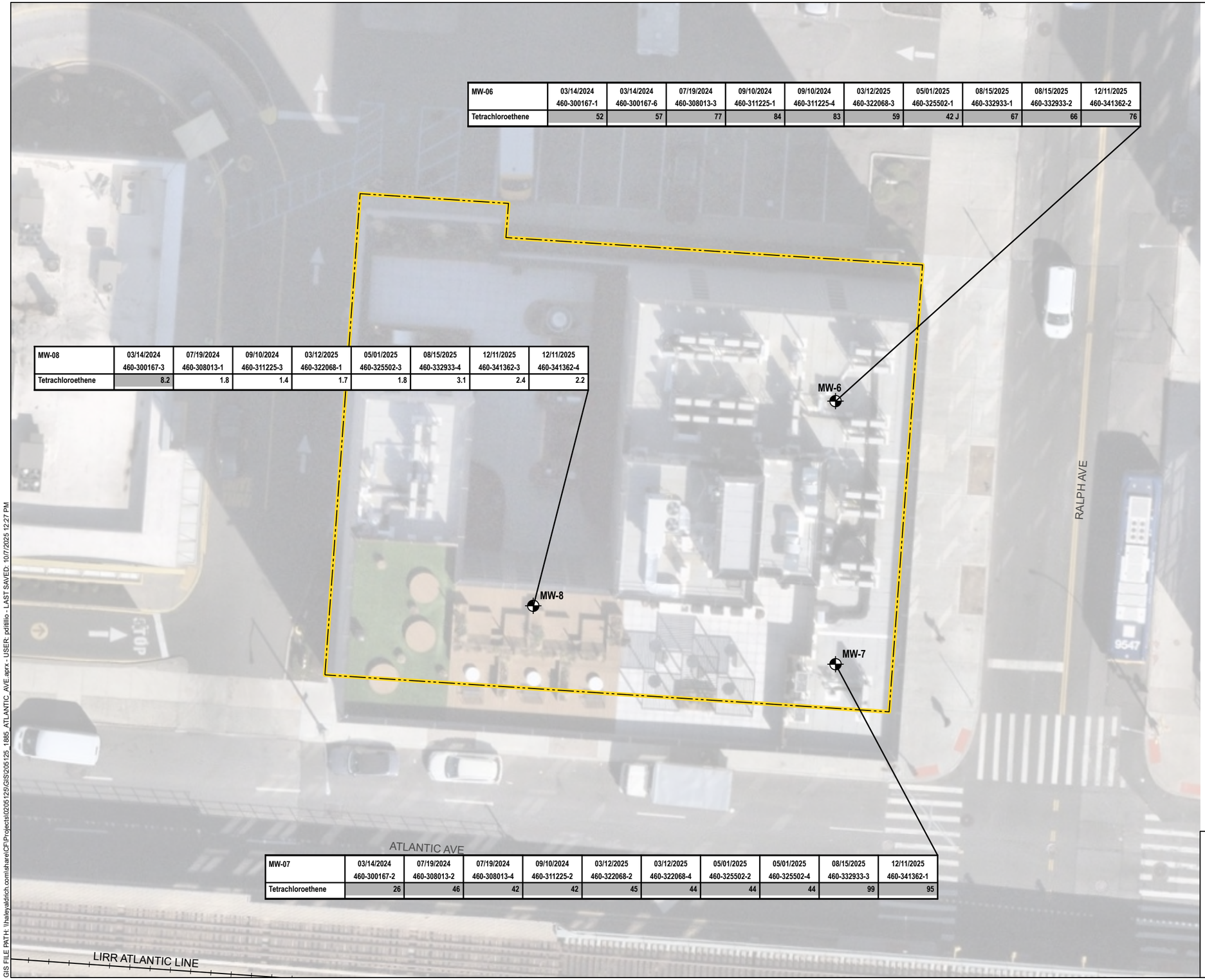
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

SITE PLAN

JANUARY 2024

FIGURE 1

GIS: \\haleyaldrich\share\CF\Projects\0205125\GIS\Mxd\2024_0112\05125_001_0002_SITE_PLAN.mxd - mmjones - 1/12/2024 1:30:21 PM



MW-06	03/14/2024 460-300167-1	03/14/2024 460-300167-6	07/19/2024 460-308013-3	09/10/2024 460-311225-1	09/10/2024 460-311225-4	03/12/2025 460-322068-3	05/01/2025 460-325502-1	08/15/2025 460-332933-1	08/15/2025 460-332933-2	12/11/2025 460-341362-2
Tetrachloroethene	52	57	77	84	83	59	42 J	67	66	76

MW-08	03/14/2024 460-300167-3	07/19/2024 460-308013-1	09/10/2024 460-311225-3	03/12/2025 460-322068-1	05/01/2025 460-325502-3	08/15/2025 460-332933-4	12/11/2025 460-341362-3	12/11/2025 460-341362-4
Tetrachloroethene	8.2	1.8	1.4	1.7	1.8	3.1	2.4	2.2

MW-07	03/14/2024 460-300167-2	07/19/2024 460-308013-2	07/19/2024 460-308013-4	09/10/2024 460-311225-2	03/12/2025 460-322068-2	03/12/2025 460-322068-4	05/01/2025 460-325502-2	05/01/2025 460-325502-4	08/15/2025 460-332933-3	12/11/2025 460-341362-1
Tetrachloroethene	26	46	42	42	45	44	44	44	99	95

LEGEND

- MONITORING WELL
- COMMUTER RAIL LINE
- SITE BOUNDARY
- PARCEL BOUNDARY

Analyte	Units	AWQS
Volatile Organic Compounds (VOCs)		
Tetrachloroethene	µg/L	5

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHINCAL AND OPERATION GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS (AWQS).
3. ONLY ANALYTES THAT EXCEED CRITERIA ARE SHOWN ON FIGURE.
4. RESULTS SHADED GRAY EXCEED THE NYSDEC AWQS.
5. RESULTS ARE DISPLAYED IN MICROGRAMS PER LITER (µg/L).
6. J = RESULT IS AN ESTIMATE
7. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
8. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 1, 2025

N

0 20 40
SCALE IN FEET

HALEY ALDRICH

1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

POST-REMEDY GROUNDWATER EXCEEDANCES Q4 2025

FEBRUARY 2026

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0205125\GIS\205125_1885_ATLANTIC_AVE.aprx - USER: pdillillo - LAST SAVED: 10/7/2025 12:27 PM

APPENDIX A
December 2025 Laboratory Report

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich Inc
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 12/17/2025 1:48:11 PM

JOB DESCRIPTION

1885 Atlantic Ave

JOB NUMBER

460-341362-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
12/17/2025 1:48:11 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: Haley & Aldrich Inc
Job ID: 460-341362-1
Project/Site: 1885 Atlantic Ave

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-341362-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/11/2025 7:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

Receipt Exceptions
Per laboratory policy, the Trip Blank date/time was added to reflect the date/time of the latest sampling event.

TB-1 Blank (460-341362-6)

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1080639 was outside the method criteria for Dichlorodifluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Client Sample ID: MW-7_20251211 — Lab Sample ID: 460-341362-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.77	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	95		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.61		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-6_20251211 — Lab Sample ID: 460-341362-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.65	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	76		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.45		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-8_20251211 — Lab Sample ID: 460-341362-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.4		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-1_20251211 — Lab Sample ID: 460-341362-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.2		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: FB-1_20251211 — Lab Sample ID: 460-341362-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13		5.0	4.4	ug/L	1		8260D	Total/NA

Client Sample ID: TB-1 Blank — Lab Sample ID: 460-341362-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15		5.0	4.4	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Client Sample ID: MW-7_20251211
Date Collected: 12/11/25 11:35
Date Received: 12/11/25 19:15

Lab Sample ID: 460-341362-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/16/25 10:02	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			12/16/25 10:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			12/16/25 10:02	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			12/16/25 10:02	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/16/25 10:02	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/16/25 10:02	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			12/16/25 10:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:02	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:02	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			12/16/25 10:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			12/16/25 10:02	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			12/16/25 10:02	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			12/16/25 10:02	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			12/16/25 10:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			12/16/25 10:02	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			12/16/25 10:02	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			12/16/25 10:02	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			12/16/25 10:02	1
Acetone	5.0	U	5.0	4.4	ug/L			12/16/25 10:02	1
Benzene	0.45	U	0.45	0.070	ug/L			12/16/25 10:02	1
Bromoform	1.0	U	1.0	0.54	ug/L			12/16/25 10:02	1
Bromomethane	1.0	U	1.0	0.55	ug/L			12/16/25 10:02	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			12/16/25 10:02	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/16/25 10:02	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			12/16/25 10:02	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			12/16/25 10:02	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			12/16/25 10:02	1
Chloroethane	1.0	U	1.0	0.32	ug/L			12/16/25 10:02	1
Chloroform	**0.77**	**J**	1.0	0.33	ug/L			12/16/25 10:02	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/16/25 10:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			12/16/25 10:02	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			12/16/25 10:02	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			12/16/25 10:02	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			12/16/25 10:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/16/25 10:02	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			12/16/25 10:02	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			12/16/25 10:02	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:02	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			12/16/25 10:02	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			12/16/25 10:02	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			12/16/25 10:02	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			12/16/25 10:02	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			12/16/25 10:02	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 10:02	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 10:02	1
o-Xylene	1.0	U	1.0	0.36	ug/L			12/16/25 10:02	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:02	1
Styrene	1.0	U	1.0	0.42	ug/L			12/16/25 10:02	1

Client Sample ID: MW-7_20251211

Lab Sample ID: 460-341362-1

Date Collected: 12/11/25 11:35

Matrix: Water

Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:02	1
Tetrachloroethene	**95**		0.40	0.28	ug/L			12/16/25 10:02	1
Toluene	1.0	U	1.0	0.38	ug/L			12/16/25 10:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/16/25 10:02	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			12/16/25 10:02	1
Trichloroethene	**0.61**		0.28	0.074	ug/L			12/16/25 10:02	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			12/16/25 10:02	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/16/25 10:02	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			12/16/25 10:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 128*		*12/16/25 10:02*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*12/16/25 10:02*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*12/16/25 10:02*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*12/16/25 10:02*	*1*

Client Sample ID: MW-6_20251211

Lab Sample ID: 460-341362-2

Date Collected: 12/11/25 14:00

Matrix: Water

Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/16/25 10:26	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			12/16/25 10:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			12/16/25 10:26	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			12/16/25 10:26	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/16/25 10:26	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/16/25 10:26	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			12/16/25 10:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:26	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:26	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			12/16/25 10:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			12/16/25 10:26	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			12/16/25 10:26	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			12/16/25 10:26	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			12/16/25 10:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			12/16/25 10:26	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			12/16/25 10:26	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			12/16/25 10:26	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			12/16/25 10:26	1
Acetone	5.0	U	5.0	4.4	ug/L			12/16/25 10:26	1
Benzene	0.45	U	0.45	0.070	ug/L			12/16/25 10:26	1
Bromoform	1.0	U	1.0	0.54	ug/L			12/16/25 10:26	1
Bromomethane	1.0	U	1.0	0.55	ug/L			12/16/25 10:26	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			12/16/25 10:26	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/16/25 10:26	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			12/16/25 10:26	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			12/16/25 10:26	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			12/16/25 10:26	1

Client Sample ID: MW-6_20251211

Lab Sample ID: 460-341362-2

Date Collected: 12/11/25 14:00

Matrix: Water

Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			12/16/25 10:26	1
Chloroform	**0.65**	**J**	1.0	0.33	ug/L			12/16/25 10:26	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/16/25 10:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			12/16/25 10:26	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			12/16/25 10:26	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			12/16/25 10:26	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			12/16/25 10:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/16/25 10:26	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			12/16/25 10:26	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			12/16/25 10:26	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:26	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			12/16/25 10:26	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			12/16/25 10:26	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			12/16/25 10:26	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			12/16/25 10:26	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			12/16/25 10:26	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 10:26	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 10:26	1
o-Xylene	1.0	U	1.0	0.36	ug/L			12/16/25 10:26	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:26	1
Styrene	1.0	U	1.0	0.42	ug/L			12/16/25 10:26	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:26	1
Tetrachloroethene	**76**		0.40	0.28	ug/L			12/16/25 10:26	1
Toluene	1.0	U	1.0	0.38	ug/L			12/16/25 10:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/16/25 10:26	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			12/16/25 10:26	1
Trichloroethene	**0.45**		0.28	0.074	ug/L			12/16/25 10:26	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			12/16/25 10:26	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/16/25 10:26	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			12/16/25 10:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 128*		*12/16/25 10:26*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*12/16/25 10:26*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*12/16/25 10:26*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*12/16/25 10:26*	*1*

Client Sample ID: MW-8_20251211

Lab Sample ID: 460-341362-3

Date Collected: 12/11/25 13:05

Matrix: Water

Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/16/25 10:49	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			12/16/25 10:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			12/16/25 10:49	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			12/16/25 10:49	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/16/25 10:49	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/16/25 10:49	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			12/16/25 10:49	1

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Client Sample ID: MW-8_20251211
Date Collected: 12/11/25 13:05
Date Received: 12/11/25 19:15

Lab Sample ID: 460-341362-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:49	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			12/16/25 10:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			12/16/25 10:49	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			12/16/25 10:49	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			12/16/25 10:49	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			12/16/25 10:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			12/16/25 10:49	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			12/16/25 10:49	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			12/16/25 10:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			12/16/25 10:49	1
Acetone	5.0	U	5.0	4.4	ug/L			12/16/25 10:49	1
Benzene	0.45	U	0.45	0.070	ug/L			12/16/25 10:49	1
Bromoform	1.0	U	1.0	0.54	ug/L			12/16/25 10:49	1
Bromomethane	1.0	U	1.0	0.55	ug/L			12/16/25 10:49	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			12/16/25 10:49	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/16/25 10:49	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			12/16/25 10:49	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			12/16/25 10:49	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			12/16/25 10:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			12/16/25 10:49	1
Chloroform	1.0	U	1.0	0.33	ug/L			12/16/25 10:49	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/16/25 10:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			12/16/25 10:49	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			12/16/25 10:49	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			12/16/25 10:49	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			12/16/25 10:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/16/25 10:49	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			12/16/25 10:49	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			12/16/25 10:49	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:49	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			12/16/25 10:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			12/16/25 10:49	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			12/16/25 10:49	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			12/16/25 10:49	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			12/16/25 10:49	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 10:49	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 10:49	1
o-Xylene	1.0	U	1.0	0.36	ug/L			12/16/25 10:49	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:49	1
Styrene	1.0	U	1.0	0.42	ug/L			12/16/25 10:49	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:49	1
Tetrachloroethene	**2.4**		0.40	0.28	ug/L			12/16/25 10:49	1
Toluene	1.0	U	1.0	0.38	ug/L			12/16/25 10:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/16/25 10:49	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			12/16/25 10:49	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			12/16/25 10:49	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			12/16/25 10:49	1

Client Sample ID: MW-8_20251211

Lab Sample ID: 460-341362-3

Date Collected: 12/11/25 13:05

Matrix: Water

Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/16/25 10:49	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			12/16/25 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 128*		*12/16/25 10:49*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*12/16/25 10:49*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*12/16/25 10:49*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*12/16/25 10:49*	*1*

Client Sample ID: DUP-1_20251211

Lab Sample ID: 460-341362-4

Date Collected: 12/11/25 13:10

Matrix: Water

Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/16/25 11:12	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			12/16/25 11:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			12/16/25 11:12	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			12/16/25 11:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/16/25 11:12	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/16/25 11:12	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			12/16/25 11:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			12/16/25 11:12	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 11:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			12/16/25 11:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			12/16/25 11:12	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			12/16/25 11:12	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			12/16/25 11:12	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			12/16/25 11:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			12/16/25 11:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			12/16/25 11:12	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			12/16/25 11:12	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			12/16/25 11:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			12/16/25 11:12	1
Acetone	5.0	U	5.0	4.4	ug/L			12/16/25 11:12	1
Benzene	0.45	U	0.45	0.070	ug/L			12/16/25 11:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			12/16/25 11:12	1
Bromomethane	1.0	U	1.0	0.55	ug/L			12/16/25 11:12	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			12/16/25 11:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/16/25 11:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			12/16/25 11:12	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			12/16/25 11:12	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			12/16/25 11:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			12/16/25 11:12	1
Chloroform	1.0	U	1.0	0.33	ug/L			12/16/25 11:12	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/16/25 11:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			12/16/25 11:12	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			12/16/25 11:12	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			12/16/25 11:12	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			12/16/25 11:12	1

Client Sample ID: DUP-1_20251211
Lab Sample ID: 460-341362-4

Date Collected: 12/11/25 13:10
Matrix: Water
Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/16/25 11:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			12/16/25 11:12	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			12/16/25 11:12	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 11:12	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			12/16/25 11:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			12/16/25 11:12	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			12/16/25 11:12	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			12/16/25 11:12	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			12/16/25 11:12	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 11:12	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 11:12	1
o-Xylene	1.0	U	1.0	0.36	ug/L			12/16/25 11:12	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 11:12	1
Styrene	1.0	U	1.0	0.42	ug/L			12/16/25 11:12	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 11:12	1
Tetrachloroethene	**2.2**		0.40	0.28	ug/L			12/16/25 11:12	1
Toluene	1.0	U	1.0	0.38	ug/L			12/16/25 11:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/16/25 11:12	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			12/16/25 11:12	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			12/16/25 11:12	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			12/16/25 11:12	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/16/25 11:12	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			12/16/25 11:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*12/16/25 11:12*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*12/16/25 11:12*	*1*
Dibromofluoromethane (Surr)	*105*		*77 - 132*		*12/16/25 11:12*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*12/16/25 11:12*	*1*

Client Sample ID: FB-1_20251211
Lab Sample ID: 460-341362-5

Date Collected: 12/11/25 14:10
Matrix: Water
Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/16/25 08:52	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			12/16/25 08:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			12/16/25 08:52	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			12/16/25 08:52	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/16/25 08:52	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/16/25 08:52	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			12/16/25 08:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			12/16/25 08:52	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 08:52	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			12/16/25 08:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			12/16/25 08:52	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			12/16/25 08:52	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			12/16/25 08:52	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			12/16/25 08:52	1

Client Sample ID: FB-1_20251211
Lab Sample ID: 460-341362-5
Date Collected: 12/11/25 14:10
Matrix: Water
Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			12/16/25 08:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			12/16/25 08:52	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			12/16/25 08:52	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			12/16/25 08:52	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			12/16/25 08:52	1
Acetone	13		5.0	4.4	ug/L			12/16/25 08:52	1
Benzene	0.45	U	0.45	0.070	ug/L			12/16/25 08:52	1
Bromoform	1.0	U	1.0	0.54	ug/L			12/16/25 08:52	1
Bromomethane	1.0	U	1.0	0.55	ug/L			12/16/25 08:52	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			12/16/25 08:52	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/16/25 08:52	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			12/16/25 08:52	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			12/16/25 08:52	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			12/16/25 08:52	1
Chloroethane	1.0	U	1.0	0.32	ug/L			12/16/25 08:52	1
Chloroform	1.0	U	1.0	0.33	ug/L			12/16/25 08:52	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/16/25 08:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			12/16/25 08:52	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			12/16/25 08:52	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			12/16/25 08:52	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			12/16/25 08:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/16/25 08:52	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			12/16/25 08:52	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			12/16/25 08:52	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 08:52	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			12/16/25 08:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			12/16/25 08:52	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			12/16/25 08:52	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			12/16/25 08:52	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			12/16/25 08:52	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 08:52	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 08:52	1
o-Xylene	1.0	U	1.0	0.36	ug/L			12/16/25 08:52	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 08:52	1
Styrene	1.0	U	1.0	0.42	ug/L			12/16/25 08:52	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 08:52	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			12/16/25 08:52	1
Toluene	1.0	U	1.0	0.38	ug/L			12/16/25 08:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/16/25 08:52	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			12/16/25 08:52	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			12/16/25 08:52	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			12/16/25 08:52	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/16/25 08:52	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			12/16/25 08:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 128*		*12/16/25 08:52*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*12/16/25 08:52*	*1*
Dibromofluoromethane (Surr)	*101*		*77 - 132*		*12/16/25 08:52*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*12/16/25 08:52*	*1*

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Client Sample ID: TB-1 Blank
Date Collected: 12/11/25 14:10
Date Received: 12/11/25 19:15

Lab Sample ID: 460-341362-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/16/25 09:16	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			12/16/25 09:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			12/16/25 09:16	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			12/16/25 09:16	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/16/25 09:16	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/16/25 09:16	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			12/16/25 09:16	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			12/16/25 09:16	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 09:16	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			12/16/25 09:16	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			12/16/25 09:16	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			12/16/25 09:16	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			12/16/25 09:16	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			12/16/25 09:16	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			12/16/25 09:16	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			12/16/25 09:16	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			12/16/25 09:16	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			12/16/25 09:16	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			12/16/25 09:16	1
Acetone	**15**		5.0	4.4	ug/L			12/16/25 09:16	1
Benzene	0.45	U	0.45	0.070	ug/L			12/16/25 09:16	1
Bromoform	1.0	U	1.0	0.54	ug/L			12/16/25 09:16	1
Bromomethane	1.0	U	1.0	0.55	ug/L			12/16/25 09:16	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			12/16/25 09:16	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/16/25 09:16	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			12/16/25 09:16	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			12/16/25 09:16	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			12/16/25 09:16	1
Chloroethane	1.0	U	1.0	0.32	ug/L			12/16/25 09:16	1
Chloroform	1.0	U	1.0	0.33	ug/L			12/16/25 09:16	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/16/25 09:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			12/16/25 09:16	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			12/16/25 09:16	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			12/16/25 09:16	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			12/16/25 09:16	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/16/25 09:16	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			12/16/25 09:16	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			12/16/25 09:16	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 09:16	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			12/16/25 09:16	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			12/16/25 09:16	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			12/16/25 09:16	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			12/16/25 09:16	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			12/16/25 09:16	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 09:16	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 09:16	1
o-Xylene	1.0	U	1.0	0.36	ug/L			12/16/25 09:16	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 09:16	1
Styrene	1.0	U	1.0	0.42	ug/L			12/16/25 09:16	1

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Client Sample ID: TB-1 Blank
Date Collected: 12/11/25 14:10
Date Received: 12/11/25 19:15

Lab Sample ID: 460-341362-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 09:16	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			12/16/25 09:16	1
Toluene	1.0	U	1.0	0.38	ug/L			12/16/25 09:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/16/25 09:16	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			12/16/25 09:16	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			12/16/25 09:16	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			12/16/25 09:16	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/16/25 09:16	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			12/16/25 09:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 128*		*12/16/25 09:16*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*12/16/25 09:16*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*12/16/25 09:16*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*12/16/25 09:16*	*1*

Surrogate Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-341362-1	MW-7_20251211	109	95	104	107
460-341362-1 MS	MW-7_20251211	107	95	100	106
460-341362-1 MSD	MW-7_20251211	107	99	101	106
460-341362-2	MW-6_20251211	112	95	104	106
460-341362-3	MW-8_20251211	113	96	106	107
460-341362-4	DUP-1_20251211	111	95	105	107
460-341362-5	FB-1_20251211	109	94	101	109
460-341362-6	TB-1 Blank	113	94	104	107
LCS 460-1080639/4	Lab Control Sample	109	99	102	107
LCSD 460-1080639/5	Lab Control Sample Dup	106	98	100	108
MB 460-1080639/8	Method Blank	111	94	100	108

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1080639/8
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/16/25 08:29	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			12/16/25 08:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			12/16/25 08:29	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			12/16/25 08:29	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/16/25 08:29	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/16/25 08:29	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			12/16/25 08:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			12/16/25 08:29	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 08:29	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			12/16/25 08:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			12/16/25 08:29	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			12/16/25 08:29	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			12/16/25 08:29	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			12/16/25 08:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			12/16/25 08:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			12/16/25 08:29	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			12/16/25 08:29	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			12/16/25 08:29	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			12/16/25 08:29	1
Acetone	5.0	U	5.0	4.4	ug/L			12/16/25 08:29	1
Benzene	0.45	U	0.45	0.070	ug/L			12/16/25 08:29	1
Bromoform	1.0	U	1.0	0.54	ug/L			12/16/25 08:29	1
Bromomethane	1.0	U	1.0	0.55	ug/L			12/16/25 08:29	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			12/16/25 08:29	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/16/25 08:29	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			12/16/25 08:29	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			12/16/25 08:29	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			12/16/25 08:29	1
Chloroethane	1.0	U	1.0	0.32	ug/L			12/16/25 08:29	1
Chloroform	1.0	U	1.0	0.33	ug/L			12/16/25 08:29	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/16/25 08:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			12/16/25 08:29	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			12/16/25 08:29	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			12/16/25 08:29	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			12/16/25 08:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/16/25 08:29	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			12/16/25 08:29	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			12/16/25 08:29	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 08:29	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			12/16/25 08:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			12/16/25 08:29	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			12/16/25 08:29	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			12/16/25 08:29	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			12/16/25 08:29	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 08:29	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 08:29	1
o-Xylene	1.0	U	1.0	0.36	ug/L			12/16/25 08:29	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 08:29	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1080639/8
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			12/16/25 08:29	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 08:29	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			12/16/25 08:29	1
Toluene	1.0	U	1.0	0.38	ug/L			12/16/25 08:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/16/25 08:29	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			12/16/25 08:29	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			12/16/25 08:29	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			12/16/25 08:29	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/16/25 08:29	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			12/16/25 08:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*12/16/25 08:29*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*12/16/25 08:29*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*12/16/25 08:29*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*12/16/25 08:29*	*1*

Lab Sample ID: LCS 460-1080639/4
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.4		ug/L		107	72 - 128
1,1,2,2-Tetrachloroethane	20.0	22.8		ug/L		114	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.8		ug/L		114	65 - 142
1,1,2-Trichloroethane	20.0	22.6		ug/L		113	74 - 125
1,1-Dichloroethane	20.0	21.7		ug/L		109	73 - 130
1,1-Dichloroethene	20.0	21.9		ug/L		109	68 - 133
1,2,3-Trichlorobenzene	20.0	21.9		ug/L		110	55 - 150
1,2,4-Trichlorobenzene	20.0	20.4		ug/L		102	67 - 132
1,2,4-Trimethylbenzene	20.0	22.6		ug/L		113	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	22.7		ug/L		113	58 - 132
1,2-Dichlorobenzene	20.0	22.3		ug/L		111	80 - 120
1,2-Dichloroethane	20.0	21.7		ug/L		108	66 - 129
1,2-Dichloropropane	20.0	20.9		ug/L		105	72 - 128
1,3,5-Trimethylbenzene	20.0	22.9		ug/L		114	75 - 125
1,3-Dichlorobenzene	20.0	22.0		ug/L		110	80 - 120
1,4-Dichlorobenzene	20.0	22.0		ug/L		110	80 - 120
2-Butanone (MEK)	100	119		ug/L		119	65 - 142
2-Hexanone	100	105		ug/L		105	72 - 134
4-Methyl-2-pentanone (MIBK)	100	111		ug/L		111	77 - 130
Acetone	100	103		ug/L		103	60 - 133
Benzene	20.0	22.7		ug/L		114	71 - 126
Bromoform	20.0	21.7		ug/L		108	58 - 128
Bromomethane	20.0	24.9		ug/L		124	33 - 150
Carbon disulfide	20.0	20.5		ug/L		103	35 - 150
Carbon tetrachloride	20.0	21.2		ug/L		106	65 - 131
Chlorobenzene	20.0	22.9		ug/L		115	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1080639/4
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	22.8		ug/L		114	71 - 134
Chlorodibromomethane	20.0	21.8		ug/L		109	73 - 121
Chloroethane	20.0	20.2		ug/L		101	54 - 150
Chloroform	20.0	22.3		ug/L		111	78 - 125
Chloromethane	20.0	16.4		ug/L		82	43 - 149
cis-1,2-Dichloroethene	20.0	21.6		ug/L		108	78 - 121
cis-1,3-Dichloropropene	20.0	21.6		ug/L		108	74 - 125
Cyclohexane	20.0	22.9		ug/L		114	64 - 142
Dichlorobromomethane	20.0	21.1		ug/L		105	76 - 121
Dichlorodifluoromethane	20.0	11.9		ug/L		59	38 - 144
Ethylbenzene	20.0	22.7		ug/L		113	78 - 120
Ethylene Dibromide	20.0	22.4		ug/L		112	79 - 126
Isopropylbenzene	20.0	22.5		ug/L		113	79 - 125
Methyl acetate	40.0	45.9		ug/L		115	50 - 147
Methyl tert-butyl ether	20.0	20.0		ug/L		100	72 - 131
Methylcyclohexane	20.0	22.8		ug/L		114	63 - 138
Methylene Chloride	20.0	21.8		ug/L		109	74 - 127
m-Xylene & p-Xylene	20.0	22.1		ug/L		110	78 - 120
n-Butylbenzene	20.0	23.1		ug/L		116	69 - 135
N-Propylbenzene	20.0	23.0		ug/L		115	68 - 129
o-Xylene	20.0	22.2		ug/L		111	78 - 120
sec-Butylbenzene	20.0	23.0		ug/L		115	77 - 129
Styrene	20.0	22.3		ug/L		111	82 - 127
tert-Butylbenzene	20.0	22.5		ug/L		112	78 - 120
Tetrachloroethene	20.0	21.0		ug/L		105	70 - 127
Toluene	20.0	22.4		ug/L		112	78 - 120
trans-1,2-Dichloroethene	20.0	21.9		ug/L		109	70 - 126
trans-1,3-Dichloropropene	20.0	20.5		ug/L		102	71 - 127
Trichloroethene	20.0	21.3		ug/L		107	73 - 121
Trichlorofluoromethane	20.0	20.0		ug/L		100	62 - 134
Vinyl chloride	20.0	19.9		ug/L		99	55 - 144
Xylenes, Total	40.0	44.2		ug/L		111	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*102*		*77 - 132*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: LCSD 460-1080639/5
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	72 - 128	2	30
1,1,2,2-Tetrachloroethane	20.0	22.2		ug/L		111	63 - 139	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.6		ug/L		108	65 - 142	5	30
1,1,2-Trichloroethane	20.0	22.1		ug/L		111	74 - 125	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1080639/5
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	20.0	21.7		ug/L		108	73 - 130	0	30
1,1-Dichloroethene	20.0	21.8		ug/L		109	68 - 133	0	30
1,2,3-Trichlorobenzene	20.0	21.5		ug/L		107	55 - 150	2	30
1,2,4-Trichlorobenzene	20.0	20.7		ug/L		103	67 - 132	1	30
1,2,4-Trimethylbenzene	20.0	23.1		ug/L		116	75 - 125	2	30
1,2-Dibromo-3-Chloropropane	20.0	21.2		ug/L		106	58 - 132	7	30
1,2-Dichlorobenzene	20.0	22.4		ug/L		112	80 - 120	0	30
1,2-Dichloroethane	20.0	21.3		ug/L		106	66 - 129	2	30
1,2-Dichloropropane	20.0	20.8		ug/L		104	72 - 128	1	30
1,3,5-Trimethylbenzene	20.0	23.4		ug/L		117	75 - 125	2	30
1,3-Dichlorobenzene	20.0	22.1		ug/L		111	80 - 120	0	30
1,4-Dichlorobenzene	20.0	22.1		ug/L		110	80 - 120	1	30
2-Butanone (MEK)	100	116		ug/L		116	65 - 142	3	30
2-Hexanone	100	104		ug/L		104	72 - 134	1	30
4-Methyl-2-pentanone (MIBK)	100	112		ug/L		112	77 - 130	1	30
Acetone	100	99.4		ug/L		99	60 - 133	3	30
Benzene	20.0	22.9		ug/L		115	71 - 126	1	30
Bromoform	20.0	21.0		ug/L		105	58 - 128	3	30
Bromomethane	20.0	27.0		ug/L		135	33 - 150	8	30
Carbon disulfide	20.0	20.4		ug/L		102	35 - 150	1	30
Carbon tetrachloride	20.0	21.0		ug/L		105	65 - 131	1	30
Chlorobenzene	20.0	23.1		ug/L		115	80 - 120	0	30
Chlorobromomethane	20.0	22.2		ug/L		111	71 - 134	3	30
Chlorodibromomethane	20.0	21.5		ug/L		108	73 - 121	1	30
Chloroethane	20.0	20.8		ug/L		104	54 - 150	3	30
Chloroform	20.0	21.8		ug/L		109	78 - 125	2	30
Chloromethane	20.0	16.2		ug/L		81	43 - 149	1	30
cis-1,2-Dichloroethene	20.0	21.4		ug/L		107	78 - 121	1	30
cis-1,3-Dichloropropene	20.0	22.0		ug/L		110	74 - 125	2	30
Cyclohexane	20.0	22.2		ug/L		111	64 - 142	3	30
Dichlorobromomethane	20.0	21.0		ug/L		105	76 - 121	1	30
Dichlorodifluoromethane	20.0	11.3		ug/L		57	38 - 144	5	30
Ethylbenzene	20.0	22.8		ug/L		114	78 - 120	0	30
Ethylene Dibromide	20.0	22.1		ug/L		111	79 - 126	1	30
Isopropylbenzene	20.0	22.6		ug/L		113	79 - 125	1	30
Methyl acetate	40.0	43.4		ug/L		109	50 - 147	6	30
Methyl tert-butyl ether	20.0	20.2		ug/L		101	72 - 131	1	30
Methylcyclohexane	20.0	21.6		ug/L		108	63 - 138	5	30
Methylene Chloride	20.0	21.4		ug/L		107	74 - 127	2	30
m-Xylene & p-Xylene	20.0	22.2		ug/L		111	78 - 120	0	30
n-Butylbenzene	20.0	23.6		ug/L		118	69 - 135	2	30
N-Propylbenzene	20.0	23.4		ug/L		117	68 - 129	2	30
o-Xylene	20.0	22.2		ug/L		111	78 - 120	0	30
sec-Butylbenzene	20.0	23.4		ug/L		117	77 - 129	2	30
Styrene	20.0	22.2		ug/L		111	82 - 127	0	30
tert-Butylbenzene	20.0	23.2		ug/L		116	78 - 120	3	30
Tetrachloroethene	20.0	21.1		ug/L		105	70 - 127	0	30
Toluene	20.0	22.7		ug/L		114	78 - 120	1	30
trans-1,2-Dichloroethene	20.0	21.7		ug/L		109	70 - 126	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1080639/5
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			20.0	20.7		ug/L		104	71 - 127	1	30
Trichloroethene			20.0	21.2		ug/L		106	73 - 121	0	30
Trichlorofluoromethane			20.0	19.5		ug/L		97	62 - 134	3	30
Vinyl chloride			20.0	19.4		ug/L		97	55 - 144	2	30
Xylenes, Total			40.0	44.3		ug/L		111	80 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*
4-Bromofluorobenzene	*98*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 132*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: 460-341362-1 MS
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: MW-7_20251211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	17.8		ug/L		89	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	19.1		ug/L		95	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	14.4		ug/L		72	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	19.5		ug/L		97	74 - 125
1,1-Dichloroethane	1.0	U	20.0	19.1		ug/L		95	73 - 130
1,1-Dichloroethene	1.0	U	20.0	17.9		ug/L		90	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	17.5		ug/L		88	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	17.3		ug/L		87	67 - 132
1,2,4-Trimethylbenzene	1.0	U	20.0	20.9		ug/L		105	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	18.4		ug/L		92	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	20.0		ug/L		100	80 - 120
1,2-Dichloroethane	0.30	U	20.0	19.2		ug/L		96	66 - 129
1,2-Dichloropropane	0.92	U	20.0	18.6		ug/L		93	72 - 128
1,3,5-Trimethylbenzene	1.0	U	20.0	20.4		ug/L		102	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	19.6		ug/L		98	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	19.5		ug/L		97	80 - 120
2-Butanone (MEK)	5.0	U	100	115		ug/L		115	65 - 142
2-Hexanone	5.0	U	100	99.8		ug/L		100	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	108		ug/L		108	77 - 130
Acetone	5.0	U	100	99.9		ug/L		100	60 - 133
Benzene	0.45	U	20.0	19.8		ug/L		99	71 - 126
Bromoform	1.0	U	20.0	17.7		ug/L		89	58 - 128
Bromomethane	1.0	U	20.0	13.1		ug/L		66	33 - 150
Carbon disulfide	1.0	U	20.0	16.3		ug/L		82	35 - 150
Carbon tetrachloride	1.0	U	20.0	16.7		ug/L		83	65 - 131
Chlorobenzene	1.0	U	20.0	20.1		ug/L		100	80 - 120
Chlorobromomethane	1.0	U	20.0	20.4		ug/L		102	71 - 134
Chlorodibromomethane	0.78	U	20.0	18.3		ug/L		91	73 - 121
Chloroethane	1.0	U	20.0	18.0		ug/L		90	54 - 150
Chloroform	0.77	J	20.0	20.2		ug/L		97	78 - 125
Chloromethane	1.0	U	20.0	13.8		ug/L		69	43 - 149

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-341362-1 MS
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: MW-7_20251211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	1.0	U	20.0	19.2		ug/L		96	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	18.1		ug/L		90	74 - 125
Cyclohexane	1.0	U	20.0	15.1		ug/L		76	64 - 142
Dichlorobromomethane	0.98	U	20.0	18.0		ug/L		90	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	9.58		ug/L		48	38 - 144
Ethylbenzene	1.0	U	20.0	20.2		ug/L		101	78 - 120
Ethylene Dibromide	1.0	U	20.0	19.8		ug/L		99	79 - 126
Isopropylbenzene	1.0	U	20.0	18.1		ug/L		91	79 - 125
Methyl acetate	5.0	U	40.0	38.9		ug/L		97	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	16.8		ug/L		84	72 - 131
Methylcyclohexane	1.0	U	20.0	14.6		ug/L		73	63 - 138
Methylene Chloride	1.0	U	20.0	19.1		ug/L		96	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	20.7		ug/L		104	78 - 120
n-Butylbenzene	1.0	U	20.0	19.3		ug/L		96	69 - 135
N-Propylbenzene	1.0	U	20.0	19.6		ug/L		98	68 - 129
o-Xylene	1.0	U	20.0	19.6		ug/L		98	78 - 120
sec-Butylbenzene	1.0	U	20.0	19.6		ug/L		98	77 - 129
Styrene	1.0	U	20.0	18.8		ug/L		94	82 - 127
tert-Butylbenzene	1.0	U	20.0	19.7		ug/L		98	78 - 120
Tetrachloroethene	95		20.0	97.9	*	ug/L		16	70 - 127
Toluene	1.0	U	20.0	19.5		ug/L		97	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	18.7		ug/L		94	70 - 126
trans-1,3-Dichloropropene	0.45	U	20.0	17.3		ug/L		86	71 - 127
Trichloroethene	0.61		20.0	18.5		ug/L		90	73 - 121
Trichlorofluoromethane	1.0	U	20.0	17.3		ug/L		87	62 - 134
Vinyl chloride	1.0	U	20.0	17.1		ug/L		85	55 - 144
Xylenes, Total	2.0	U	40.0	40.3		ug/L		101	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 128*
4-Bromofluorobenzene	*95*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 132*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 460-341362-1 MSD
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: MW-7_20251211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	19.9		ug/L		99	72 - 128	11	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	21.7		ug/L		109	63 - 139	13	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	16.7		ug/L		83	65 - 142	15	30
1,1,2-Trichloroethane	0.58	U	20.0	21.1		ug/L		105	74 - 125	8	30
1,1-Dichloroethane	1.0	U	20.0	20.9		ug/L		105	73 - 130	9	30
1,1-Dichloroethene	1.0	U	20.0	19.8		ug/L		99	68 - 133	10	30
1,2,3-Trichlorobenzene	1.0	U	20.0	19.5		ug/L		98	55 - 150	11	30
1,2,4-Trichlorobenzene	1.0	U	20.0	19.1		ug/L		95	67 - 132	10	30
1,2,4-Trimethylbenzene	1.0	U	20.0	22.5		ug/L		113	75 - 125	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-341362-1 MSD
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: MW-7_20251211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	20.7		ug/L		103	58 - 132	12	30
1,2-Dichlorobenzene	1.0	U	20.0	21.6		ug/L		108	80 - 120	8	30
1,2-Dichloroethane	0.30	U	20.0	20.8		ug/L		104	66 - 129	8	30
1,2-Dichloropropane	0.92	U	20.0	20.1		ug/L		101	72 - 128	8	30
1,3,5-Trimethylbenzene	1.0	U	20.0	22.2		ug/L		111	75 - 125	9	30
1,3-Dichlorobenzene	1.0	U	20.0	21.5		ug/L		107	80 - 120	9	30
1,4-Dichlorobenzene	1.0	U	20.0	21.1		ug/L		106	80 - 120	8	30
2-Butanone (MEK)	5.0	U	100	120		ug/L		120	65 - 142	5	30
2-Hexanone	5.0	U	100	106		ug/L		106	72 - 134	6	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	114		ug/L		114	77 - 130	6	30
Acetone	5.0	U	100	104		ug/L		104	60 - 133	4	30
Benzene	0.45	U	20.0	21.4		ug/L		107	71 - 126	8	30
Bromoform	1.0	U	20.0	19.3		ug/L		97	58 - 128	9	30
Bromomethane	1.0	U	20.0	20.8	*	ug/L		104	33 - 150	46	30
Carbon disulfide	1.0	U	20.0	18.3		ug/L		91	35 - 150	11	30
Carbon tetrachloride	1.0	U	20.0	18.8		ug/L		94	65 - 131	12	30
Chlorobenzene	1.0	U	20.0	21.8		ug/L		109	80 - 120	8	30
Chlorobromomethane	1.0	U	20.0	21.8		ug/L		109	71 - 134	7	30
Chlorodibromomethane	0.78	U	20.0	20.2		ug/L		101	73 - 121	10	30
Chloroethane	1.0	U	20.0	15.0		ug/L		75	54 - 150	19	30
Chloroform	0.77	J	20.0	21.8		ug/L		105	78 - 125	8	30
Chloromethane	1.0	U	20.0	15.9		ug/L		79	43 - 149	14	30
cis-1,2-Dichloroethene	1.0	U	20.0	20.9		ug/L		104	78 - 121	8	30
cis-1,3-Dichloropropene	0.45	U	20.0	20.1		ug/L		100	74 - 125	10	30
Cyclohexane	1.0	U	20.0	17.7		ug/L		88	64 - 142	16	30
Dichlorobromomethane	0.98	U	20.0	19.8		ug/L		99	76 - 121	9	30
Dichlorodifluoromethane	1.0	U	20.0	11.0		ug/L		55	38 - 144	14	30
Ethylbenzene	1.0	U	20.0	21.6		ug/L		108	78 - 120	7	30
Ethylene Dibromide	1.0	U	20.0	21.5		ug/L		107	79 - 126	8	30
Isopropylbenzene	1.0	U	20.0	21.5		ug/L		107	79 - 125	17	30
Methyl acetate	5.0	U	40.0	41.5		ug/L		104	50 - 147	7	30
Methyl tert-butyl ether	1.0	U	20.0	18.7		ug/L		94	72 - 131	11	30
Methylcyclohexane	1.0	U	20.0	16.8		ug/L		84	63 - 138	14	30
Methylene Chloride	1.0	U	20.0	20.6		ug/L		103	74 - 127	7	30
m-Xylene & p-Xylene	1.0	U	20.0	22.1		ug/L		111	78 - 120	6	30
n-Butylbenzene	1.0	U	20.0	21.4		ug/L		107	69 - 135	10	30
N-Propylbenzene	1.0	U	20.0	22.1		ug/L		110	68 - 129	12	30
o-Xylene	1.0	U	20.0	21.5		ug/L		108	78 - 120	9	30
sec-Butylbenzene	1.0	U	20.0	21.8		ug/L		109	77 - 129	11	30
Styrene	1.0	U	20.0	21.1		ug/L		106	82 - 127	12	30
tert-Butylbenzene	1.0	U	20.0	21.7		ug/L		108	78 - 120	10	30
Tetrachloroethene	95		20.0	101	*	ug/L		33	70 - 127	3	30
Toluene	1.0	U	20.0	21.2		ug/L		106	78 - 120	8	30
trans-1,2-Dichloroethene	1.0	U	20.0	20.5		ug/L		103	70 - 126	9	30
trans-1,3-Dichloropropene	0.45	U	20.0	18.9		ug/L		94	71 - 127	9	30
Trichloroethene	0.61		20.0	20.6		ug/L		100	73 - 121	11	30
Trichlorofluoromethane	1.0	U	20.0	19.8		ug/L		99	62 - 134	13	30
Vinyl chloride	1.0	U	20.0	19.1		ug/L		96	55 - 144	11	30
Xylenes, Total	2.0	U	40.0	43.6		ug/L		109	80 - 120	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 128
4-Bromofluorobenzene	99		76 - 120
Dibromofluoromethane (Surr)	101		77 - 132
Toluene-d8 (Surr)	106		80 - 120

QC Association Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

GC/MS VOA

Analysis Batch: 1080639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-341362-1	MW-7_20251211	Total/NA	Water	8260D	
460-341362-2	MW-6_20251211	Total/NA	Water	8260D	
460-341362-3	MW-8_20251211	Total/NA	Water	8260D	
460-341362-4	DUP-1_20251211	Total/NA	Water	8260D	
460-341362-5	FB-1_20251211	Total/NA	Water	8260D	
460-341362-6	TB-1 Blank	Total/NA	Water	8260D	
MB 460-1080639/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1080639/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1080639/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-341362-1 MS	MW-7_20251211	Total/NA	Water	8260D	
460-341362-1 MSD	MW-7_20251211	Total/NA	Water	8260D	

Lab Chronicle

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Client Sample ID: MW-7_20251211
Lab Sample ID: 460-341362-1
Date Collected: 12/11/25 11:35
Matrix: Water
Date Received: 12/11/25 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1080639	SZD	EET EDI	12/16/25 10:02

Client Sample ID: MW-6_20251211
Lab Sample ID: 460-341362-2
Date Collected: 12/11/25 14:00
Matrix: Water
Date Received: 12/11/25 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1080639	SZD	EET EDI	12/16/25 10:26

Client Sample ID: MW-8_20251211
Lab Sample ID: 460-341362-3
Date Collected: 12/11/25 13:05
Matrix: Water
Date Received: 12/11/25 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1080639	SZD	EET EDI	12/16/25 10:49

Client Sample ID: DUP-1_20251211
Lab Sample ID: 460-341362-4
Date Collected: 12/11/25 13:10
Matrix: Water
Date Received: 12/11/25 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1080639	SZD	EET EDI	12/16/25 11:12

Client Sample ID: FB-1_20251211
Lab Sample ID: 460-341362-5
Date Collected: 12/11/25 14:10
Matrix: Water
Date Received: 12/11/25 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1080639	SZD	EET EDI	12/16/25 08:52

Client Sample ID: TB-1 Blank
Lab Sample ID: 460-341362-6
Date Collected: 12/11/25 14:10
Matrix: Water
Date Received: 12/11/25 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1080639	SZD	EET EDI	12/16/25 09:16

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich Inc
Job ID: 460-341362-1
Project/Site: 1885 Atlantic Ave

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

Method Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-341362-1	MW-7_20251211	Water	12/11/25 11:35	12/11/25 19:15	New York
460-341362-2	MW-6_20251211	Water	12/11/25 14:00	12/11/25 19:15	New York
460-341362-3	MW-8_20251211	Water	12/11/25 13:05	12/11/25 19:15	New York
460-341362-4	DUP-1_20251211	Water	12/11/25 13:10	12/11/25 19:15	New York
460-341362-5	FB-1_20251211	Water	12/11/25 14:10	12/11/25 19:15	New York
460-341362-6	TB-1 Blank	Water	12/11/25 14:10	12/11/25 19:15	New York

ddress. _____

Chain of Custody Record 745770

eurofins | Environment Tes ng

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: M Leary	Site Contact: M Forslar	Date: 12/11/25	COC No: 1 of 1 COCs
Company Name: H+A of NY	Tel/Email:	Lab Contact:	Carrier:	Sampler:
Address: 213 W 35th St 7Fl	Analysis Turnaround Time: ☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only: Walk-in Client: Lab Sampling
City/State/Zip: New York NY	TAT if different from Below: ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Job / SDG No.
Phone: MForshay@haleyaldrich.com				
Fax: mleary@haleyaldrich.com				
Project Name: 185 Atlantic Ave				
Site:				
PO # 205125-002-001-05				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	Sample Specific Notes:
MW-7_20251211	12/11/25	1135		GW	9	N	Y	X	341362 MS/MSD vol.
MW-6_20251211	12/11/25	1400		GW	3	N	N	X	
MW-8_20251211	12/11/25	1305		GW	3	N	N	X	
Dup-1_20251211	12/11/25	1310		GW	3	N	N	X	
FB-1_20251211	12/11/25	1410		GW	2	N	N	X	
TRIP Blank				TB	2	N	N	X	

460-341362 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification.
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammabl ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Omar Colon	H+A of NY	12/11/25			12/11/25 @ 444
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
		12/11/25		EET	12/11/25 1730
	Company: EET 12/11/25	Date/Time: 1915	Received in Laboratory by:	Company: ETA	Date/Time: 12/11/25 1915

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12/17/2025

Job Number: 341362

Eurofins Edison
Receipt Temperature and pH Log

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.4 °C	0.9 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	1,4-Dioxane (pH<4)	Other

If pH adjustments are required record the information below.

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-038 Rev 5
9/5/2025

Initials MM Date 12/11/25

Login Sample Receipt Checklist

Client: Haley & Aldrich Inc

Job Number: 460-341362-1

Login Number: 341362

List Source: Eurofins Edison

List Number: 1

Creator: Thundathorn, Sukanan 1

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B
SVE Maintenance Field Forms

INFLUENT AND EFFLUENT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 10/15/2025
Weather: L:56 H:67 Wind:NW @7 mph Rh:90%
Personnel: Z.Richards

SVE Blower Time (Previous): 9175.9
SVE Blower Time (Current): 9181.1
Time: 14:30

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection		82.81	15.63	176.8		
Combined SVE/SSDS Influent		121.9	15.25	123.1		
Filter Influent		-	20	-	-	
Filter Effluent		-	20	-	-	
Effluent before Drums		180	2.3	-	128	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1		268.28	-18.2	1.8	-	
Effluent after Drum 2		286.78	-6.75	0.1	-	

Notes:
cfm - cubic feet per minute
ppm - parts per million
IWC - inches of water column
°F - degrees Fahrenheit

VAPOR EXTRACTION POINT AND MONITORING POINT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 10/15/2025 SVE Blower Time (Previous): 9175.9

Weather: L:56 H:67 Wind:NW @7 mph Rh:90% SVE Blower Time (Current): 9181.1

Personnel: Z.Richards Time: 14:30

VEP/MP	Time	Air Flow (cfm)	PID Reading (ppm)	Notes
SVE-1S		13.97	388.7	1138 ft/min
SVE-1D		18.45	246.5	1503 ft/min
SVE-2S		11.16	9.1	909 ft/min
SVE-2D		18.24	14	1486 ft/min
SVE-3S		16.45	759	1340 ft/min
SVE-3D		20.11	267.3	1639 ft/min
SVE-4S				
SVE-4D				
SVE-5S		12.01	6.1	979 ft/min
SVE-5D				
SVE-6S		16.87	379.9	1375 ft/min
SVE-6D		17.79	171.1	1450 ft/min
SVE-7S				
SVE-7D		29.44	161.7	2399 ft/min
SVE-8S		16.62	103.1	1354 ft/min
SVE-8D		25.05	60.3	2041 ft/min
SVE-9S		17.34	36.5	1413 ft/min
SVE-9D				
MP-1_25				2.240
MP-1_35				2.960
MP-1_45				2.710
MP-1_55				0.398
MP-2_25				-0.182
MP-2_35				-0.165
MP-2_45				4.120
MP-2_55				-0.243

Notes:
cfm - cubic feet per minute
ppm - parts per million
VEP - Vapor Extraction Point
MP - Monitoring Point

INFLUENT AND EFFLUENT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 11/3/2025
Weather:
Personnel: M. Forshay, J. Mastro

SVE Blower Time (Previous): 9181.1
SVE Blower Time (Current): 9632
Time: 9:00

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection		42		148		1900 ft/min
Combined SVE/SSDS Influent		275		78		3150 ft/min
Filter Influent		-	10	-	-	
Filter Effluent		-	10	-	-	
Effluent before Drums		200	2.1	-	120	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1		270		24.5	-	5500 ft/min
Effluent after Drum 2		250		28.3	-	5100 ft/min

Notes:
cfm - cubic feet per minute
ppm - parts per million
IWC - inches of water column
°F - degrees Fahrenheit

VAPOR EXTRACTION POINT AND MONITORING POINT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 11/3/2025 SVE Blower Time (Previous): 9181.1

Weather: SVE Blower Time (Current): 9632

Personnel: M. Forshay, J. Mastro Time: 9:00

VEP/MP	Time	Air Flow (cfm)	PID Reading (ppm)	Notes
SVE-1S		4.08	160	340 ft/min
SVE-1D		5.52	136.4	460 ft/min
SVE-2S		3.6	355	300 ft/min
SVE-2D		4.98	172.6	415 ft/min
SVE-3S		5.04	625.5	420 ft/min
SVE-3D		9.12	262.3	760 ft/min
SVE-4S				
SVE-4D				
SVE-5S		2.4	100.1	200 ft/min
SVE-5D				
SVE-6S		4.56	347.8	380 ft/min
SVE-6D		6	189.9	500 ft/min
SVE-7S				
SVE-7D		5.76	96.4	480 ft/min
SVE-8S		3.43	141.9	280 ft/min
SVE-8D		11.28	103.7	940 ft/min
SVE-9S		3.96	134.6	330 ft/min
SVE-9D				
MP-1_25				0.532 IWC
MP-1_35				1.455 IWC
MP-1_45				-
MP-1_55				-
MP-2_25				-
MP-2_35				-
MP-2_45				0.367 IWC
MP-2_55				-

Notes:
cfm - cubic feet per minute
ppm - parts per million
VEP - Vapor Extraction Point
MP - Monitoring Point
IWC - inches of water column

INFLUENT AND EFFLUENT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 12/8/2025
Weather:
Personnel: M. Forshay, T. Ritchie

SVE Blower Time (Previous): 9632
SVE Blower Time (Current): 10471.5
Time: 9:00

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection		68	16.9	103.6		3100 ft/min
Combined SVE/SSDS Influent		278	16.9	74.7		3200 ft/min
Filter Influent		-	22	-	-	
Filter Effluent		-	22	-	-	
Effluent before Drums		180	40	-	120	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1		255	22.4	0	-	5200 ft/min
Effluent after Drum 2		237.9	8.75	0	-	4850 ft/min

Notes:
cfm - cubic feet per minute
ppm - parts per million
IWC - inches of water column
°F - degrees Fahrenheit

VAPOR EXTRACTION POINT AND MONITORING POINT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 12/8/2025 SVE Blower Time (Previous): 9632

Weather: SVE Blower Time (Current): 10471.5

Personnel: M. Forshay, T. Ritchie Time: 9:00

VEP/MP	Time	Air Flow (cfm)	PID Reading (ppm)	Notes
SVE-1S		7.93	390	650 ft/min
SVE-1D		12.2	398	1000 ft/min
SVE-2S		4.78	38.5	390 ft/min
SVE-2D		7.05	27	575 ft/min
SVE-3S		4.4	155.8	360 ft/min
SVE-3D		9.27	152	760 ft/min
SVE-4S				
SVE-4D				
SVE-5S		7.93	185.8	650 ft/min
SVE-5D				
SVE-6S		0.92	69	75 ft/min
SVE-6D		7.93	165	650 ft/min
SVE-7S				
SVE-7D		9.2	176.7	750 ft/min
SVE-8S		12.2	271.1	1000 ft/min
SVE-8D		13.79	165.5	1130 ft/min
SVE-9S		0.8	172.8	65 ft/min
SVE-9D				
MP-1_25				4.2 IWC
MP-1_35				4.15 IWC
MP-1_45				0.18 IWC
MP-1_55				2.75 IWC
MP-2_25				
MP-2_35				
MP-2_45				5.3 IWC
MP-2_55				

Notes:
cfm - cubic feet per minute
ppm - parts per million
VEP - Vapor Extraction Point
MP - Monitoring Point
IWC - inches of water column

H & A OF NEW YORK ENGINEERING
AND GEOLOGY, LLP
213 W 35TH Street
7th Floor
New York, NY 10001
646.277.5685

March 23, 2026
File No. 020125-001

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233

Attention: Paige Shovelton

Subject: Post-Remediation Quarterly Progress Report – Q1 2026
1885 Atlantic Avenue Redevelopment Site
Brooklyn, New York
Brownfield Site #C224347

Dear Ms. Shovelton:

H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) is pleased to submit this Post-Remediation Quarterly Progress Report, which documents groundwater monitoring, soil vapor extraction (SVE) system monitoring, and sub-slab depressurization system (SSDS) monitoring activities at the 1885 Atlantic Avenue Redevelopment Site ("Site") for Q1 2026. 1885 Atlantic Realty LLC (the Volunteer) has remediated a 0.250-acre property known as the 1885 Atlantic Avenue Redevelopment Site, designated under Brownfield Cleanup Program (BCP) Site No. C224347. See **Figure 1** for a Site plan.

Purpose

This report summarizes quarterly groundwater monitoring and monthly and quarterly SVE system monitoring, and biannual SSDS monitoring, which are requirements of the New York State Department of Environmental Conservation (NYSDEC)-approved Site Management Plan (SMP) dated September 2024.

An Environmental Easement (EE) package was submitted to NYSDEC and the Kings County Clerk on March 7, 2024. The EE requires compliance with the approved SMP and the Institutional Controls (ICs) placed on the Site. The SMP indicates that upon the completion of the post-remedial sampling and evaluation of the results, a determination will be made if the ICs can be lifted or become permanent. The SMP further indicates that samples will be collected until the EE is terminated in accordance with New York State Environmental Conservation Law (ECL) Article 71, Title 36.

Scope

During monthly monitoring events, SVE system reading collection and a visual inspection were conducted by a qualified person under the supervision of the Remedial Engineer (RE). During quarterly

monitoring events, vapor samples were collected from the SVE system, and groundwater samples were collected from the groundwater monitoring wells to assess the performance of the remedy. During biannual monitoring events, SSDS reading collection and a visual inspection were conducted by a qualified person under the supervision of the RE.

Monitoring Network

Three monitoring wells were used for post-remediation groundwater monitoring, including one upgradient well (MW-6), one cross-gradient well (MW-7), and one downgradient well (MW-8). The monitoring wells are shown on **Figure 2**.

Groundwater Monitoring

Groundwater monitoring has occurred at the Site since the completion of remediation in December 2023. Groundwater remediation included the injection of alkaline-activated persulfate (AP-pH) into the groundwater through six injection wells to reduce elevated petroleum-based volatile organic compound (VOC) and polycyclic aromatic hydrocarbon (PAH) concentrations in the groundwater. A single injection event occurred from September 26, 2023, to September 29, 2023, during which AP-pH was injected into the groundwater via injection points at a depth interval of 60 to 80 feet (ft) below ground surface (bgs). A total of 16,210 pounds of sodium persulfate, 2,017 gallons of 25 percent sodium hydroxide solution, and 8,864 gallons of potable water were mixed to create a 15 percent activated persulfate solution (AP-pH mixed with municipal water).

The Q1 2026 groundwater sampling round was performed on January 28, 2026, using low-flow procedures. Samples were collected and analyzed for Target Compound List (TCL) VOCs by U.S. Environmental Protection Agency (USEPA) Method 8260B. Well purging, sampling, sample containment, chain of custody and sample shipping procedures, and laboratory analyses were completed in accordance with the SMP. Chemical analyses were performed by Eurofins Environmental Testing LLC (Eurofins), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory.

Groundwater Results Summary

Results exceeding the groundwater values listed in the Division of Water Technical and Operational Guidance Series 1.1.1, Ambient Water Quality Standards (AWQS), are summarized as follows:

MW-6 (upgradient): One VOC (tetrachloroethene [PCE]) was detected above its AWQS at a concentration of 95 micrograms per liter (µg/L).

MW-7 (cross-gradient): One VOC (PCE) was detected above the AWQS at a concentration of 91 µg/L.

MW-8 (downgradient): No VOCs were detected above the AWQS.

Results for the January 2026 sampling round are provided in **Table I** and **Figure 2**. The analytical laboratory report is provided as **Appendix A**. An electronic data deliverable (EDD) will be submitted as part of the 2026 Periodic Review Report (PRR) due in May 2026, 16 months following issuance of the certificate of completion issued on December 2, 2024.

SVE System Monitoring

Monthly SVE system maintenance and monitoring were conducted in January, February, and March 2026 in accordance with the NYSDEC-approved SMP. Maintenance and monitoring activities included a visual inspection of system components and collecting flow, photoionization detector (PID), pressure/vacuum, and temperature readings associated with the SVE wells, SVE/SSDS blower, granular-activated carbon drums, and SVE monitoring points. Field forms for each maintenance and monitoring event are included in **Appendix B**.

Quarterly vapor sampling of the SVE system was conducted in February 2026 and included an SVE/SSDS combined influent sample and an SVE/SSDS effluent sample analyzed for VOCs by USEPA Method TO-15. Chemical analyses were performed by Pace Analytical (Pace), an NYSDOH ELAP-certified laboratory. Analytical results will be included in the 2026 PRR.

SSDS Monitoring

Biannual SSDS maintenance and monitoring were conducted in January 2026 in accordance with the NYSDEC-approved SMP. Maintenance and monitoring activities included a visual inspection of system components and collecting vacuum readings associated with the sub-slab monitoring points. Field readings are included in **Table II**.

Conclusions

GROUNDWATER

As documented in the NYSDEC-approved Final Engineering Report (FER) dated September 2024, PCE is not considered a Site contaminant as it was not observed during the remedial investigation or used in historical Site operations. Elevated PCE concentrations in the upgradient well (MW-6) and cross-gradient well (MW-7) are attributed to an off-Site source. Haley & Aldrich of New York recommends discontinuing quarterly sampling of the three monitoring wells. A detailed discussion of the quarterly groundwater results will be included in the 2026 PRR.

SVE SYSTEM

Monthly PID readings and quarterly SVE system vapor samples indicate the system is effectively removing VOC contamination from the subsurface. Haley & Aldrich of New York recommends continued operation and monitoring of the SVE system per the SMP.

SSDS

Biannual monitoring readings indicate the SSDS is operating effectively. The SVE system is concurrently treating shallow contamination (i.e., 10 to 20 ft below the slab), which also mitigates potential soil vapor intrusion. Additionally, the cellar level is currently used as a garage space and does not have any occupied space. The SSDS will continue to operate and will not be discontinued until written approval is granted by NYSDEC.

Future Monitoring

Future monitoring events in the second quarter of 2026 will include monthly visits for SVE system monitoring, biannual readings for the SSDS, and quarterly visits for SVE system sampling. A quarterly visit for groundwater sampling will also be conducted unless written approval from NYSDEC to discontinue groundwater sampling is received.

Please do not hesitate to call if you have any questions or comments.

Sincerely yours,
H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP

Matthew Forshay, P.E.
Assistant Project Manager

James M. Bellew
Principal

Attachments:

Table I – Summary of Water Quality Data
Table II – Vacuum Readings
Figure 1 – Site Plan
Figure 2 – Post-Remedy Groundwater Exceedances Q1 2026
Appendix A – January 2026 Groundwater Laboratory Report
Appendix B – SVE Maintenance Field Forms

\\haleyaldrich.com\share\CF\Projects\0205125\Deliverables\22. Quarterly Groundwater Monitoring Reports\2026_Q1 GWM Report\2026-0323 HANY GWM Report Q1 2026_F.docx

TABLES

TABLE I

SUMMARY OF WATER QUALITY DATA

1885 ATLANTIC AVENUE

BROOKLYN, NEW YORK

FILE NO. 0205125

	Criteria				
Location Name	New York TOGS	MW-06	MW-07	MW-07	MW-08
Sample Name	111 Ambient	MW-6_20260128	MW-7_20260128	DUP-01_20260128	MW-8_20260128
Sample Date	Water Quality	01/28/2026	01/28/2026	01/28/2026	01/28/2026
Lab Sample ID	Standards	460-344099-3	460-344099-2	460-344099-4	460-344099-1
Volatile Organic Compounds (ug/L)					
1,1,1-Trichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	5	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
1,1,2-Trichloroethane	1	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)
1,1-Dichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,3-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	0.6	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
1,2-Dichloropropane	1	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
1,3,5-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone (Methyl Butyl Ketone)	50	ND (5) *	ND (5) *	ND (5) *	ND (5) *
2-Phenylbutane (sec-Butylbenzene)	5	ND (1)	ND (1)	ND (1)	ND (1)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	50	ND (5)	ND (5)	ND (5)	ND (5)
Benzene	1	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Bromodichloromethane	50	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)
Bromoform	50	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	5	ND (1)	ND (1)	ND (1)	ND (1)
Carbon disulfide	60	ND (1)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	5	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobromomethane	5	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	7	0.63 J	0.74 J	0.69 J	ND (1)
Chloromethane (Methyl Chloride)	5	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,3-Dichloropropene	0.4	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Cyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	50	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)
Dichlorodifluoromethane (CFC-12)	5	ND (1) *	ND (1) *	ND (1) *	ND (1) *
Ethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	5	ND (1)	ND (1)	ND (1)	ND (1)
m,p-Xylenes	5	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	NA	ND (5)	ND (5)	ND (5)	ND (5)
Methyl Tert Butyl Ether (MTBE)	10	ND (1)	ND (1)	ND (1)	ND (1)
Methylcyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride (Dichloromethane)	5	ND (1)	ND (1)	ND (1)	ND (1)
n-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
n-Propylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
o-Xylene	5	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	5	ND (1)	ND (1)	ND (1)	ND (1)
tert-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	5	95	91	87	3.8
Toluene	5	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	0.4	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
Trichloroethene	5	0.61	0.63	0.66	ND (0.28)
Trichlorofluoromethane (CFC-11)	5	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	5	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	2	ND (1)	ND (1)	ND (1)	ND (1)
Xylene (Total)	5	ND (2)	ND (2)	ND (2)	ND (2)

ABBREVIATIONS AND NOTES:

µg/L: micrograms per liter

**: LCS or LCSD is outside acceptance limits.*

-: Not Analyzed

J: Value is estimated.

NA: Not Applicable

ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.

- Water analytical results are compared to the New York TOGS 111 Ambient Water Quality Standards.

- Grey shading indicates an exceedance of AWQS criteria.

TABLE II
VACUUM READINGS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK
FILE NO. 0205125

Monitoring Point ID	Vacuum (Inches of H_2O)
MP-1	0.033
MP-2	0.023
MP-3	0.006
MP-4	0.055
MP-5	0.066
MP-6	0.045

Notes:
Readings were collected on January 28, 2026

FIGURES

LEGEND

- COMMUTER RAIL LINE
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2023

N

0 40 80

SCALE IN FEET

HALEY ALDRICH

1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

SITE PLAN

JANUARY 2024

FIGURE 1

GIS: \\haleyaldrich\share\CF\Projects\0205125\GIS\Mxds\2024_0112\05125_001_0002_SITE_PLAN.mxd - mmjones - 1/12/2024 1:30:21 PM

MW-06	03/14/2024 460-300167-1	03/14/2024 460-300167-6	07/19/2024 460-308013-3	09/10/2024 460-311225-1	09/10/2024 460-311225-4	03/12/2025 460-322068-3	05/01/2025 460-325502-1	08/15/2025 460-332933-1	08/15/2025 460-332933-2	12/11/2025 460-341362-2	01/28/2026 460-344099-3
Tetrachloroethene	52	57	77	84	83	59	42 J	67	66	76	95

MW-08	03/14/2024 460-300167-3	07/19/2024 460-308013-1	09/10/2024 460-311225-3	03/12/2025 460-322068-1	05/01/2025 460-325502-3	08/15/2025 460-332933-4	12/11/2025 460-341362-3	12/11/2025 460-341362-4	01/28/2026 460-344099-1
Tetrachloroethene	8.2	1.8	1.4	1.7	1.8	3.1	2.4	2.2	3.8

MW-07	03/14/2024 460-300167-2	07/19/2024 460-308013-2	07/19/2024 460-308013-4	09/10/2024 460-311225-2	03/12/2025 460-322068-2	03/12/2025 460-322068-4	05/01/2025 460-325502-2	05/01/2025 460-325502-4	08/15/2025 460-332933-3	12/11/2025 460-341362-1	01/28/2026 460-344099-2	01/28/2026 460-344099-4
Tetrachloroethene	26	46	42	42	45	44	44	44	99	95	91 J	87

MW-6

MW-8

MW-7

ATLANTIC AVE

RALPH AVE

LIRR ATLANTIC LINE

LEGEND

- MONITORING WELL
- COMMUTER RAIL LINE
- SITE BOUNDARY
- PARCEL BOUNDARY

Analyte	Units	AWQS
Volatile Organic Compounds (VOCs)		
Tetrachloroethene	µg/L	5

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHINCAL AND OPERATION GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS (AWQS).
3. ONLY ANALYTES THAT EXCEED CRITERIA ARE SHOWN ON FIGURE.
4. RESULTS SHADED GRAY EXCEED THE NYSDEC AWQS.
5. RESULTS ARE DISPLAYED IN MICROGRAMS PER LITER (µg/L).
6. J = RESULT IS AN ESTIMATE
7. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
8. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 1, 2025

N

0 20 40

SCALE IN FEET

HALEY ALDRICH

1885 ATLANTIC AVENUE REDEVELOPMENT SITE
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

POST-REMEDY GROUNDWATER EXCEEDANCES Q1 2026

MARCH 2026

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0205125\GIS\205125_1885_ATLANTIC_AVE.aprx - USER: pdillillo - LAST SAVED: 2/17/2026 3:28 PM

APPENDIX A
January 2026 Groundwater Laboratory Report

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich Inc
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 2/5/2026 6:33:06 AM

JOB DESCRIPTION

1885 Atlantic Avenue, Brooklyn

JOB NUMBER

460-344099-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
2/5/2026 6:33:06 AM

Authorized for release by
Mark Acierno, Business Unit Manager
Mark.Acierno@et.eurofinsus.com
Designee for
Elizabeth Flannery, Project Manager I
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(732)549-3900

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Definitions/Glossary

Client: Haley & Aldrich Inc
Job ID: 460-344099-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-344099-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 1/30/2026 6:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C.

Receipt Exceptions
The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): The FB vials have two different times recorded, neither of which match the COC. The vials have sample times of 1135 & 1140. Logged per COC.

GC/MS VOA
Method 8260D: Target analytes were detected in the TB. There was no written field label on the container: TB-01_20260128 (460-344099-6)

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1088584 was outside the method criteria for the following analytes: 2-Hexanone (biased low), Dichlorodifluoromethane, 1,1,2-Trichloro-1,2,2-trifluoroethane and Trichlorofluoromethane (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1088584 recovered outside control limits for the following analytes: 2-Hexanone (biased low) and Dichlorodifluoromethane (biased high). These analytes were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-344099-1

Client Sample ID: MW-8_20260128 — Lab Sample ID: 460-344099-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	3.8		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: MW-7_20260128 — Lab Sample ID: 460-344099-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.74	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	91		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.63		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-6_20260128 — Lab Sample ID: 460-344099-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.63	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	95		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.61		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-01_20260128 — Lab Sample ID: 460-344099-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.69	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	87		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.66		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: FB-01_20260128 — Lab Sample ID: 460-344099-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.2		1.0	0.65	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	1.2		1.0	0.30	ug/L	1		8260D	Total/NA
o-Xylene	0.36	J	1.0	0.36	ug/L	1		8260D	Total/NA
Xylenes, Total	1.6	J	2.0	0.65	ug/L	1		8260D	Total/NA

Client Sample ID: TB-01_20260128 — Lab Sample ID: 460-344099-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.86	J	1.0	0.37	ug/L	1		8260D	Total/NA
Acetone	24		5.0	4.4	ug/L	1		8260D	Total/NA
Ethylbenzene	3.2		1.0	0.30	ug/L	1		8260D	Total/NA
Methyl acetate	3.7	J	5.0	0.79	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	14		1.0	0.30	ug/L	1		8260D	Total/NA
o-Xylene	5.8		1.0	0.36	ug/L	1		8260D	Total/NA
Xylenes, Total	20		2.0	0.65	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-344099-1

Client Sample ID: MW-8_20260128
Date Collected: 01/28/26 16:45
Date Received: 01/30/26 18:15

Lab Sample ID: 460-344099-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/03/26 15:49	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			02/03/26 15:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/03/26 15:49	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			02/03/26 15:49	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/03/26 15:49	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/03/26 15:49	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/03/26 15:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:49	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/03/26 15:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/03/26 15:49	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			02/03/26 15:49	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			02/03/26 15:49	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/03/26 15:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/03/26 15:49	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			02/03/26 15:49	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			02/03/26 15:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/03/26 15:49	1
Acetone	5.0	U	5.0	4.4	ug/L			02/03/26 15:49	1
Benzene	0.45	U	0.45	0.070	ug/L			02/03/26 15:49	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/03/26 15:49	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/03/26 15:49	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/03/26 15:49	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/03/26 15:49	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/03/26 15:49	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/03/26 15:49	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			02/03/26 15:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/03/26 15:49	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/03/26 15:49	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/03/26 15:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			02/03/26 15:49	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			02/03/26 15:49	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/03/26 15:49	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			02/03/26 15:49	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			02/03/26 15:49	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/03/26 15:49	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/03/26 15:49	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:49	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/03/26 15:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/03/26 15:49	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/03/26 15:49	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			02/03/26 15:49	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/03/26 15:49	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 15:49	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 15:49	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/03/26 15:49	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:49	1
Styrene	1.0	U	1.0	0.42	ug/L			02/03/26 15:49	1

Client Sample ID: MW-8_20260128
Lab Sample ID: 460-344099-1

Date Collected: 01/28/26 16:45
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:49	1
Tetrachloroethene	**3.8**		0.40	0.28	ug/L			02/03/26 15:49	1
Toluene	1.0	U	1.0	0.38	ug/L			02/03/26 15:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/03/26 15:49	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			02/03/26 15:49	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			02/03/26 15:49	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/03/26 15:49	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			02/03/26 15:49	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/03/26 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*		*02/03/26 15:49*	*1*
4-Bromofluorobenzene	*108*		*76 - 120*		*02/03/26 15:49*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*02/03/26 15:49*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*02/03/26 15:49*	*1*

Client Sample ID: MW-7_20260128
Lab Sample ID: 460-344099-2

Date Collected: 01/28/26 13:52
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/03/26 15:28	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			02/03/26 15:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/03/26 15:28	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			02/03/26 15:28	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/03/26 15:28	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/03/26 15:28	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/03/26 15:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:28	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:28	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/03/26 15:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/03/26 15:28	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			02/03/26 15:28	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			02/03/26 15:28	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/03/26 15:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/03/26 15:28	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			02/03/26 15:28	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			02/03/26 15:28	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/03/26 15:28	1
Acetone	5.0	U	5.0	4.4	ug/L			02/03/26 15:28	1
Benzene	0.45	U	0.45	0.070	ug/L			02/03/26 15:28	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/03/26 15:28	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/03/26 15:28	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/03/26 15:28	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/03/26 15:28	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/03/26 15:28	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/03/26 15:28	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			02/03/26 15:28	1

Client Sample ID: MW-7_20260128

Lab Sample ID: 460-344099-2

Date Collected: 01/28/26 13:52

Matrix: Water

Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			02/03/26 15:28	1
Chloroform	**0.74**	**J**	1.0	0.33	ug/L			02/03/26 15:28	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/03/26 15:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			02/03/26 15:28	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			02/03/26 15:28	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/03/26 15:28	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			02/03/26 15:28	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			02/03/26 15:28	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/03/26 15:28	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/03/26 15:28	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:28	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/03/26 15:28	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/03/26 15:28	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/03/26 15:28	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			02/03/26 15:28	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/03/26 15:28	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 15:28	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 15:28	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/03/26 15:28	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:28	1
Styrene	1.0	U	1.0	0.42	ug/L			02/03/26 15:28	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:28	1
Tetrachloroethene	**91**		0.40	0.28	ug/L			02/03/26 15:28	1
Toluene	1.0	U	1.0	0.38	ug/L			02/03/26 15:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/03/26 15:28	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			02/03/26 15:28	1
Trichloroethene	**0.63**		0.28	0.074	ug/L			02/03/26 15:28	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/03/26 15:28	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			02/03/26 15:28	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/03/26 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 128*		*02/03/26 15:28*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*02/03/26 15:28*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*02/03/26 15:28*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*02/03/26 15:28*	*1*

Client Sample ID: MW-6_20260128

Lab Sample ID: 460-344099-3

Date Collected: 01/28/26 12:55

Matrix: Water

Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/03/26 16:10	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			02/03/26 16:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/03/26 16:10	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			02/03/26 16:10	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/03/26 16:10	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/03/26 16:10	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/03/26 16:10	1

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-344099-1

Client Sample ID: MW-6_20260128
Date Collected: 01/28/26 12:55
Date Received: 01/30/26 18:15

Lab Sample ID: 460-344099-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/03/26 16:10	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 16:10	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/03/26 16:10	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/03/26 16:10	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			02/03/26 16:10	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			02/03/26 16:10	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/03/26 16:10	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/03/26 16:10	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/03/26 16:10	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			02/03/26 16:10	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			02/03/26 16:10	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/03/26 16:10	1
Acetone	5.0	U	5.0	4.4	ug/L			02/03/26 16:10	1
Benzene	0.45	U	0.45	0.070	ug/L			02/03/26 16:10	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/03/26 16:10	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/03/26 16:10	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/03/26 16:10	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/03/26 16:10	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/03/26 16:10	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/03/26 16:10	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			02/03/26 16:10	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/03/26 16:10	1
Chloroform	**0.63**	**J**	1.0	0.33	ug/L			02/03/26 16:10	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/03/26 16:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			02/03/26 16:10	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			02/03/26 16:10	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/03/26 16:10	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			02/03/26 16:10	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			02/03/26 16:10	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/03/26 16:10	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/03/26 16:10	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 16:10	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/03/26 16:10	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/03/26 16:10	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/03/26 16:10	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			02/03/26 16:10	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/03/26 16:10	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 16:10	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 16:10	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/03/26 16:10	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 16:10	1
Styrene	1.0	U	1.0	0.42	ug/L			02/03/26 16:10	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 16:10	1
Tetrachloroethene	**95**		0.40	0.28	ug/L			02/03/26 16:10	1
Toluene	1.0	U	1.0	0.38	ug/L			02/03/26 16:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/03/26 16:10	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			02/03/26 16:10	1
Trichloroethene	**0.61**		0.28	0.074	ug/L			02/03/26 16:10	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/03/26 16:10	1

Client Sample ID: MW-6_20260128
Lab Sample ID: 460-344099-3
Date Collected: 01/28/26 12:55
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.40	ug/L			02/03/26 16:10	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/03/26 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*02/03/26 16:10*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*02/03/26 16:10*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 132*		*02/03/26 16:10*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*02/03/26 16:10*	*1*

Client Sample ID: DUP-01_20260128
Lab Sample ID: 460-344099-4
Date Collected: 01/28/26 13:57
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/03/26 16:31	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			02/03/26 16:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/03/26 16:31	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			02/03/26 16:31	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/03/26 16:31	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/03/26 16:31	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/03/26 16:31	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/03/26 16:31	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 16:31	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/03/26 16:31	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/03/26 16:31	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			02/03/26 16:31	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			02/03/26 16:31	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/03/26 16:31	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/03/26 16:31	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/03/26 16:31	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			02/03/26 16:31	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			02/03/26 16:31	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/03/26 16:31	1
Acetone	5.0	U	5.0	4.4	ug/L			02/03/26 16:31	1
Benzene	0.45	U	0.45	0.070	ug/L			02/03/26 16:31	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/03/26 16:31	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/03/26 16:31	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/03/26 16:31	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/03/26 16:31	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/03/26 16:31	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/03/26 16:31	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			02/03/26 16:31	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/03/26 16:31	1
Chloroform	**0.69**	**J**	1.0	0.33	ug/L			02/03/26 16:31	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/03/26 16:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			02/03/26 16:31	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			02/03/26 16:31	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/03/26 16:31	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			02/03/26 16:31	1

Client Sample ID: DUP-01_20260128
Lab Sample ID: 460-344099-4
Date Collected: 01/28/26 13:57
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			02/03/26 16:31	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/03/26 16:31	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/03/26 16:31	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 16:31	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/03/26 16:31	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/03/26 16:31	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/03/26 16:31	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			02/03/26 16:31	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/03/26 16:31	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 16:31	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 16:31	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/03/26 16:31	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 16:31	1
Styrene	1.0	U	1.0	0.42	ug/L			02/03/26 16:31	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 16:31	1
Tetrachloroethene	**87**		0.40	0.28	ug/L			02/03/26 16:31	1
Toluene	1.0	U	1.0	0.38	ug/L			02/03/26 16:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/03/26 16:31	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			02/03/26 16:31	1
Trichloroethene	**0.66**		0.28	0.074	ug/L			02/03/26 16:31	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/03/26 16:31	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			02/03/26 16:31	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/03/26 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*		*02/03/26 16:31*	*1*
4-Bromofluorobenzene	*108*		*76 - 120*		*02/03/26 16:31*	*1*
Dibromofluoromethane (Surr)	*108*		*77 - 132*		*02/03/26 16:31*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*02/03/26 16:31*	*1*

Client Sample ID: FB-01_20260128
Lab Sample ID: 460-344099-5
Date Collected: 01/28/26 14:45
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/03/26 14:46	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			02/03/26 14:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/03/26 14:46	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			02/03/26 14:46	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/03/26 14:46	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/03/26 14:46	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/03/26 14:46	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/03/26 14:46	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 14:46	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/03/26 14:46	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/03/26 14:46	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			02/03/26 14:46	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			02/03/26 14:46	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/03/26 14:46	1

Client Sample ID: FB-01_20260128
Lab Sample ID: 460-344099-5
Date Collected: 01/28/26 14:45
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/03/26 14:46	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/03/26 14:46	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			02/03/26 14:46	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			02/03/26 14:46	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/03/26 14:46	1
Acetone	5.0	U	5.0	4.4	ug/L			02/03/26 14:46	1
Benzene	0.45	U	0.45	0.070	ug/L			02/03/26 14:46	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/03/26 14:46	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/03/26 14:46	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/03/26 14:46	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/03/26 14:46	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/03/26 14:46	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/03/26 14:46	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			02/03/26 14:46	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/03/26 14:46	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/03/26 14:46	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/03/26 14:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			02/03/26 14:46	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			02/03/26 14:46	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/03/26 14:46	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			02/03/26 14:46	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			02/03/26 14:46	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/03/26 14:46	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/03/26 14:46	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 14:46	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/03/26 14:46	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/03/26 14:46	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/03/26 14:46	1
Methylene Chloride	**1.2**		1.0	0.65	ug/L			02/03/26 14:46	1
m-Xylene & p-Xylene	**1.2**		1.0	0.30	ug/L			02/03/26 14:46	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 14:46	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 14:46	1
o-Xylene	**0.36**	**J**	1.0	0.36	ug/L			02/03/26 14:46	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 14:46	1
Styrene	1.0	U	1.0	0.42	ug/L			02/03/26 14:46	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 14:46	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			02/03/26 14:46	1
Toluene	1.0	U	1.0	0.38	ug/L			02/03/26 14:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/03/26 14:46	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			02/03/26 14:46	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			02/03/26 14:46	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/03/26 14:46	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			02/03/26 14:46	1
Xylenes, Total	**1.6**	**J**	2.0	0.65	ug/L			02/03/26 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*		*02/03/26 14:46*	*1*
4-Bromofluorobenzene	*101*		*76 - 120*		*02/03/26 14:46*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*02/03/26 14:46*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*02/03/26 14:46*	*1*

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-344099-1

Client Sample ID: TB-01_20260128
Date Collected: 01/28/26 15:45
Date Received: 01/30/26 18:15

Lab Sample ID: 460-344099-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/03/26 15:07	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			02/03/26 15:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/03/26 15:07	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			02/03/26 15:07	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/03/26 15:07	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/03/26 15:07	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/03/26 15:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:07	1
1,2,4-Trimethylbenzene	**0.86**	**J**	1.0	0.37	ug/L			02/03/26 15:07	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/03/26 15:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/03/26 15:07	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			02/03/26 15:07	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			02/03/26 15:07	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/03/26 15:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/03/26 15:07	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			02/03/26 15:07	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			02/03/26 15:07	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/03/26 15:07	1
Acetone	**24**		5.0	4.4	ug/L			02/03/26 15:07	1
Benzene	0.45	U	0.45	0.070	ug/L			02/03/26 15:07	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/03/26 15:07	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/03/26 15:07	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/03/26 15:07	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/03/26 15:07	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/03/26 15:07	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/03/26 15:07	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			02/03/26 15:07	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/03/26 15:07	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/03/26 15:07	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/03/26 15:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			02/03/26 15:07	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			02/03/26 15:07	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/03/26 15:07	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			02/03/26 15:07	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			02/03/26 15:07	1
Ethylbenzene	**3.2**		1.0	0.30	ug/L			02/03/26 15:07	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/03/26 15:07	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:07	1
Methyl acetate	**3.7**	**J**	5.0	0.79	ug/L			02/03/26 15:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/03/26 15:07	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/03/26 15:07	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			02/03/26 15:07	1
m-Xylene & p-Xylene	**14**		1.0	0.30	ug/L			02/03/26 15:07	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 15:07	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 15:07	1
o-Xylene	**5.8**		1.0	0.36	ug/L			02/03/26 15:07	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:07	1
Styrene	1.0	U	1.0	0.42	ug/L			02/03/26 15:07	1

Client: Haley & Aldrich Inc
Job ID: 460-344099-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: TB-01_20260128
Lab Sample ID: 460-344099-6
Date Collected: 01/28/26 15:45
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:07	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			02/03/26 15:07	1
Toluene	1.0	U	1.0	0.38	ug/L			02/03/26 15:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/03/26 15:07	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			02/03/26 15:07	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			02/03/26 15:07	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/03/26 15:07	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			02/03/26 15:07	1
Xylenes, Total	**20**		2.0	0.65	ug/L			02/03/26 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*		*02/03/26 15:07*	*1*
4-Bromofluorobenzene	*107*		*76 - 120*		*02/03/26 15:07*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*02/03/26 15:07*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*02/03/26 15:07*	*1*

Surrogate Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-344099-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-344099-1	MW-8_20260128	89	108	107	93
460-344099-2	MW-7_20260128	88	104	104	93
460-344099-2 MS	MW-7_20260128	93	107	109	93
460-344099-2 MSD	MW-7_20260128	92	104	107	93
460-344099-3	MW-6_20260128	86	104	109	93
460-344099-4	DUP-01_20260128	93	108	108	92
460-344099-5	FB-01_20260128	87	101	107	91
460-344099-6	TB-01_20260128	87	107	107	96
LCS 460-1088584/5	Lab Control Sample	93	104	108	94
LCSD 460-1088584/6	Lab Control Sample Dup	93	103	107	92
MB 460-1088584/10	Method Blank	88	103	107	94

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-344099-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1088584/10
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/03/26 09:55	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			02/03/26 09:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/03/26 09:55	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			02/03/26 09:55	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/03/26 09:55	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/03/26 09:55	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/03/26 09:55	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/03/26 09:55	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 09:55	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/03/26 09:55	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/03/26 09:55	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			02/03/26 09:55	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			02/03/26 09:55	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/03/26 09:55	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/03/26 09:55	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/03/26 09:55	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			02/03/26 09:55	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/03/26 09:55	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/03/26 09:55	1
Acetone	5.0	U	5.0	4.4	ug/L			02/03/26 09:55	1
Benzene	0.45	U	0.45	0.070	ug/L			02/03/26 09:55	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/03/26 09:55	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/03/26 09:55	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/03/26 09:55	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/03/26 09:55	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/03/26 09:55	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/03/26 09:55	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			02/03/26 09:55	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/03/26 09:55	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/03/26 09:55	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/03/26 09:55	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			02/03/26 09:55	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			02/03/26 09:55	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/03/26 09:55	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			02/03/26 09:55	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			02/03/26 09:55	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/03/26 09:55	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/03/26 09:55	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 09:55	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/03/26 09:55	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/03/26 09:55	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/03/26 09:55	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			02/03/26 09:55	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/03/26 09:55	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 09:55	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 09:55	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/03/26 09:55	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 09:55	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1088584/10
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			02/03/26 09:55	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 09:55	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			02/03/26 09:55	1
Toluene	1.0	U	1.0	0.38	ug/L			02/03/26 09:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/03/26 09:55	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			02/03/26 09:55	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			02/03/26 09:55	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/03/26 09:55	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			02/03/26 09:55	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/03/26 09:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 128*		*02/03/26 09:55*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*02/03/26 09:55*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*02/03/26 09:55*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*02/03/26 09:55*	*1*

Lab Sample ID: LCS 460-1088584/5
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.2		ug/L		101	72 - 128
1,1,2,2-Tetrachloroethane	20.0	15.5		ug/L		78	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.6		ug/L		118	65 - 142
1,1,2-Trichloroethane	20.0	18.0		ug/L		90	74 - 125
1,1-Dichloroethane	20.0	16.3		ug/L		81	73 - 130
1,1-Dichloroethene	20.0	19.6		ug/L		98	68 - 133
1,2,3-Trichlorobenzene	20.0	20.5		ug/L		102	55 - 150
1,2,4-Trichlorobenzene	20.0	20.3		ug/L		102	67 - 132
1,2,4-Trimethylbenzene	20.0	17.9		ug/L		89	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.8		ug/L		89	58 - 132
1,2-Dichlorobenzene	20.0	19.5		ug/L		98	80 - 120
1,2-Dichloroethane	20.0	16.1		ug/L		81	66 - 129
1,2-Dichloropropane	20.0	15.5		ug/L		77	72 - 128
1,3,5-Trimethylbenzene	20.0	18.6		ug/L		93	75 - 125
1,3-Dichlorobenzene	20.0	19.5		ug/L		98	80 - 120
1,4-Dichlorobenzene	20.0	19.4		ug/L		97	80 - 120
2-Butanone (MEK)	100	99.8		ug/L		100	65 - 142
2-Hexanone	100	67.1	*	ug/L		67	72 - 134
4-Methyl-2-pentanone (MIBK)	100	98.2		ug/L		98	77 - 130
Acetone	100	97.1		ug/L		97	60 - 133
Benzene	20.0	16.4		ug/L		82	71 - 126
Bromoform	20.0	19.6		ug/L		98	58 - 128
Bromomethane	20.0	20.4		ug/L		102	33 - 150
Carbon disulfide	20.0	17.8		ug/L		89	35 - 150
Carbon tetrachloride	20.0	21.1		ug/L		105	65 - 131
Chlorobenzene	20.0	20.1		ug/L		100	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1088584/5
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	22.0		ug/L		110	71 - 134
Chlorodibromomethane	20.0	19.0		ug/L		95	73 - 121
Chloroethane	20.0	17.7		ug/L		88	54 - 150
Chloroform	20.0	18.7		ug/L		93	78 - 125
Chloromethane	20.0	18.8		ug/L		94	43 - 149
cis-1,2-Dichloroethene	20.0	18.5		ug/L		93	78 - 121
cis-1,3-Dichloropropene	20.0	15.8		ug/L		79	74 - 125
Cyclohexane	20.0	20.9		ug/L		104	64 - 142
Dichlorobromomethane	20.0	17.8		ug/L		89	76 - 121
Dichlorodifluoromethane	20.0	31.6	*	ug/L		158	38 - 144
Ethylbenzene	20.0	18.4		ug/L		92	78 - 120
Ethylene Dibromide	20.0	18.8		ug/L		94	79 - 126
Isopropylbenzene	20.0	18.8		ug/L		94	79 - 125
Methyl acetate	40.0	34.9		ug/L		87	50 - 147
Methyl tert-butyl ether	20.0	16.6		ug/L		83	72 - 131
Methylcyclohexane	20.0	20.4		ug/L		102	63 - 138
Methylene Chloride	20.0	17.9		ug/L		90	74 - 127
m-Xylene & p-Xylene	20.0	19.0		ug/L		95	78 - 120
n-Butylbenzene	20.0	17.2		ug/L		86	69 - 135
N-Propylbenzene	20.0	16.9		ug/L		85	68 - 129
o-Xylene	20.0	19.1		ug/L		95	78 - 120
sec-Butylbenzene	20.0	18.5		ug/L		93	77 - 129
Styrene	20.0	17.8		ug/L		89	82 - 127
tert-Butylbenzene	20.0	19.0		ug/L		95	78 - 120
Tetrachloroethene	20.0	20.7		ug/L		104	70 - 127
Toluene	20.0	17.4		ug/L		87	78 - 120
trans-1,2-Dichloroethene	20.0	19.5		ug/L		97	70 - 126
trans-1,3-Dichloropropene	20.0	15.8		ug/L		79	71 - 127
Trichloroethene	20.0	19.5		ug/L		98	73 - 121
Trichlorofluoromethane	20.0	24.0		ug/L		120	62 - 134
Vinyl chloride	20.0	19.3		ug/L		97	55 - 144
Xylenes, Total	40.0	38.1		ug/L		95	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*
4-Bromofluorobenzene	*104*		*76 - 120*
Dibromofluoromethane (Surr)	*108*		*77 - 132*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: LCSD 460-1088584/6
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	72 - 128	4	30
1,1,2,2-Tetrachloroethane	20.0	16.2		ug/L		81	63 - 139	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	25.2		ug/L		126	65 - 142	7	30
1,1,2-Trichloroethane	20.0	17.7		ug/L		89	74 - 125	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1088584/6
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	20.0	17.9		ug/L		90	73 - 130	9	30
1,1-Dichloroethene	20.0	21.3		ug/L		106	68 - 133	8	30
1,2,3-Trichlorobenzene	20.0	22.2		ug/L		111	55 - 150	8	30
1,2,4-Trichlorobenzene	20.0	21.5		ug/L		108	67 - 132	6	30
1,2,4-Trimethylbenzene	20.0	19.0		ug/L		95	75 - 125	6	30
1,2-Dibromo-3-Chloropropane	20.0	18.8		ug/L		94	58 - 132	5	30
1,2-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120	6	30
1,2-Dichloroethane	20.0	17.2		ug/L		86	66 - 129	7	30
1,2-Dichloropropane	20.0	15.8		ug/L		79	72 - 128	2	30
1,3,5-Trimethylbenzene	20.0	19.4		ug/L		97	75 - 125	4	30
1,3-Dichlorobenzene	20.0	20.7		ug/L		103	80 - 120	6	30
1,4-Dichlorobenzene	20.0	21.3		ug/L		107	80 - 120	10	30
2-Butanone (MEK)	100	116		ug/L		116	65 - 142	15	30
2-Hexanone	100	66.8	*	ug/L		67	72 - 134	0	30
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	77 - 130	4	30
Acetone	100	102		ug/L		102	60 - 133	5	30
Benzene	20.0	17.4		ug/L		87	71 - 126	6	30
Bromoform	20.0	20.4		ug/L		102	58 - 128	4	30
Bromomethane	20.0	20.9		ug/L		105	33 - 150	3	30
Carbon disulfide	20.0	19.1		ug/L		95	35 - 150	7	30
Carbon tetrachloride	20.0	22.4		ug/L		112	65 - 131	6	30
Chlorobenzene	20.0	20.7		ug/L		103	80 - 120	3	30
Chlorobromomethane	20.0	23.0		ug/L		115	71 - 134	5	30
Chlorodibromomethane	20.0	20.0		ug/L		100	73 - 121	5	30
Chloroethane	20.0	18.0		ug/L		90	54 - 150	2	30
Chloroform	20.0	19.9		ug/L		100	78 - 125	6	30
Chloromethane	20.0	18.3		ug/L		92	43 - 149	2	30
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	78 - 121	6	30
cis-1,3-Dichloropropene	20.0	16.1		ug/L		81	74 - 125	2	30
Cyclohexane	20.0	22.7		ug/L		113	64 - 142	8	30
Dichlorobromomethane	20.0	18.6		ug/L		93	76 - 121	4	30
Dichlorodifluoromethane	20.0	32.3	*	ug/L		161	38 - 144	2	30
Ethylbenzene	20.0	19.8		ug/L		99	78 - 120	8	30
Ethylene Dibromide	20.0	18.1		ug/L		90	79 - 126	4	30
Isopropylbenzene	20.0	19.6		ug/L		98	79 - 125	4	30
Methyl acetate	40.0	34.0		ug/L		85	50 - 147	2	30
Methyl tert-butyl ether	20.0	17.2		ug/L		86	72 - 131	4	30
Methylcyclohexane	20.0	21.7		ug/L		108	63 - 138	6	30
Methylene Chloride	20.0	19.6		ug/L		98	74 - 127	9	30
m-Xylene & p-Xylene	20.0	20.1		ug/L		101	78 - 120	6	30
n-Butylbenzene	20.0	18.2		ug/L		91	69 - 135	6	30
N-Propylbenzene	20.0	18.0		ug/L		90	68 - 129	6	30
o-Xylene	20.0	20.1		ug/L		100	78 - 120	5	30
sec-Butylbenzene	20.0	20.0		ug/L		100	77 - 129	7	30
Styrene	20.0	17.8		ug/L		89	82 - 127	0	30
tert-Butylbenzene	20.0	19.9		ug/L		99	78 - 120	5	30
Tetrachloroethene	20.0	21.3		ug/L		107	70 - 127	3	30
Toluene	20.0	18.3		ug/L		92	78 - 120	5	30
trans-1,2-Dichloroethene	20.0	20.9		ug/L		104	70 - 126	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1088584/6
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			20.0	16.2		ug/L		81	71 - 127	2	30
Trichloroethene			20.0	19.7		ug/L		99	73 - 121	1	30
Trichlorofluoromethane			20.0	25.1		ug/L		125	62 - 134	5	30
Vinyl chloride			20.0	19.3		ug/L		96	55 - 144	0	30
Xylenes, Total			40.0	40.2		ug/L		100	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*
4-Bromofluorobenzene	*103*		*76 - 120*
Dibromofluoromethane (Surr)	*107*		*77 - 132*
Toluene-d8 (Surr)	*92*		*80 - 120*

Lab Sample ID: 460-344099-2 MS
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: MW-7_20260128
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	19.9		ug/L		99	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	14.8		ug/L		74	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	22.8		ug/L		114	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	18.9		ug/L		95	74 - 125
1,1-Dichloroethane	1.0	U	20.0	16.5		ug/L		82	73 - 130
1,1-Dichloroethene	1.0	U	20.0	20.0		ug/L		100	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	19.7		ug/L		98	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	19.8		ug/L		99	67 - 132
1,2,4-Trimethylbenzene	1.0	U	20.0	17.5		ug/L		88	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	17.1		ug/L		86	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	19.0		ug/L		95	80 - 120
1,2-Dichloroethane	0.30	U	20.0	16.2		ug/L		81	66 - 129
1,2-Dichloropropane	0.92	U	20.0	14.6		ug/L		73	72 - 128
1,3,5-Trimethylbenzene	1.0	U	20.0	18.1		ug/L		90	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	18.7		ug/L		94	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	19.4		ug/L		97	80 - 120
2-Butanone (MEK)	5.0	U	100	97.8		ug/L		98	65 - 142
2-Hexanone	5.0	U *	100	60.8	*	ug/L		61	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	104		ug/L		104	77 - 130
Acetone	5.0	U	100	86.0		ug/L		86	60 - 133
Benzene	0.45	U	20.0	16.4		ug/L		82	71 - 126
Bromoform	1.0	U	20.0	18.9		ug/L		95	58 - 128
Bromomethane	1.0	U	20.0	19.9		ug/L		100	33 - 150
Carbon disulfide	1.0	U	20.0	17.2		ug/L		86	35 - 150
Carbon tetrachloride	1.0	U	20.0	21.4		ug/L		107	65 - 131
Chlorobenzene	1.0	U	20.0	20.0		ug/L		100	80 - 120
Chlorobromomethane	1.0	U	20.0	22.0		ug/L		110	71 - 134
Chlorodibromomethane	0.78	U	20.0	18.4		ug/L		92	73 - 121
Chloroethane	1.0	U	20.0	16.9		ug/L		85	54 - 150
Chloroform	0.74	J	20.0	19.0		ug/L		91	78 - 125
Chloromethane	1.0	U	20.0	16.2		ug/L		81	43 - 149

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-344099-2 MS
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: MW-7_20260128
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	1.0	U	20.0	18.8		ug/L		94	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	15.0		ug/L		75	74 - 125
Cyclohexane	1.0	U	20.0	21.3		ug/L		107	64 - 142
Dichlorobromomethane	0.98	U	20.0	17.2		ug/L		86	76 - 121
Dichlorodifluoromethane	1.0	U *	20.0	28.3		ug/L		142	38 - 144
Ethylbenzene	1.0	U	20.0	18.1		ug/L		91	78 - 120
Ethylene Dibromide	1.0	U	20.0	17.3		ug/L		86	79 - 126
Isopropylbenzene	1.0	U	20.0	18.6		ug/L		93	79 - 125
Methyl acetate	5.0	U	40.0	29.0		ug/L		72	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	17.2		ug/L		86	72 - 131
Methylcyclohexane	1.0	U	20.0	20.5		ug/L		103	63 - 138
Methylene Chloride	1.0	U	20.0	18.3		ug/L		92	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	19.0		ug/L		95	78 - 120
n-Butylbenzene	1.0	U	20.0	16.4		ug/L		82	69 - 135
N-Propylbenzene	1.0	U	20.0	16.8		ug/L		84	68 - 129
o-Xylene	1.0	U	20.0	18.6		ug/L		93	78 - 120
sec-Butylbenzene	1.0	U	20.0	18.4		ug/L		92	77 - 129
Styrene	1.0	U	20.0	17.9		ug/L		90	82 - 127
tert-Butylbenzene	1.0	U	20.0	18.4		ug/L		92	78 - 120
Tetrachloroethene	91		20.0	99.1	*	ug/L		43	70 - 127
Toluene	1.0	U	20.0	17.2		ug/L		86	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	19.2		ug/L		96	70 - 126
trans-1,3-Dichloropropene	0.45	U	20.0	15.5		ug/L		78	71 - 127
Trichloroethene	0.63		20.0	19.3		ug/L		93	73 - 121
Trichlorofluoromethane	1.0	U	20.0	23.5		ug/L		118	62 - 134
Vinyl chloride	1.0	U	20.0	17.7		ug/L		89	55 - 144
Xylenes, Total	2.0	U	40.0	37.7		ug/L		94	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*
4-Bromofluorobenzene	*107*		*76 - 120*
Dibromofluoromethane (Surr)	*109*		*77 - 132*
Toluene-d8 (Surr)	*93*		*80 - 120*

Lab Sample ID: 460-344099-2 MSD
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: MW-7_20260128
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	20.4		ug/L		102	72 - 128	3	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	15.9		ug/L		80	63 - 139	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	24.2		ug/L		121	65 - 142	6	30
1,1,2-Trichloroethane	0.58	U	20.0	20.0		ug/L		100	74 - 125	5	30
1,1-Dichloroethane	1.0	U	20.0	17.3		ug/L		87	73 - 130	5	30
1,1-Dichloroethene	1.0	U	20.0	20.7		ug/L		103	68 - 133	4	30
1,2,3-Trichlorobenzene	1.0	U	20.0	21.2		ug/L		106	55 - 150	8	30
1,2,4-Trichlorobenzene	1.0	U	20.0	20.8		ug/L		104	67 - 132	5	30
1,2,4-Trimethylbenzene	1.0	U	20.0	18.4		ug/L		92	75 - 125	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-344099-2 MSD
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: MW-7_20260128
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	18.8		ug/L		94	58 - 132	9	30
1,2-Dichlorobenzene	1.0	U	20.0	19.3		ug/L		97	80 - 120	2	30
1,2-Dichloroethane	0.30	U	20.0	16.6		ug/L		83	66 - 129	3	30
1,2-Dichloropropane	0.92	U	20.0	15.1		ug/L		75	72 - 128	3	30
1,3,5-Trimethylbenzene	1.0	U	20.0	18.6		ug/L		93	75 - 125	3	30
1,3-Dichlorobenzene	1.0	U	20.0	19.8		ug/L		99	80 - 120	5	30
1,4-Dichlorobenzene	1.0	U	20.0	20.2		ug/L		101	80 - 120	4	30
2-Butanone (MEK)	5.0	U	100	109		ug/L		109	65 - 142	11	30
2-Hexanone	5.0	U *	100	65.4	*	ug/L		65	72 - 134	7	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	105		ug/L		105	77 - 130	1	30
Acetone	5.0	U	100	84.8		ug/L		85	60 - 133	1	30
Benzene	0.45	U	20.0	17.0		ug/L		85	71 - 126	4	30
Bromoform	1.0	U	20.0	19.9		ug/L		99	58 - 128	5	30
Bromomethane	1.0	U	20.0	20.0		ug/L		100	33 - 150	0	30
Carbon disulfide	1.0	U	20.0	17.4		ug/L		87	35 - 150	1	30
Carbon tetrachloride	1.0	U	20.0	21.6		ug/L		108	65 - 131	1	30
Chlorobenzene	1.0	U	20.0	20.0		ug/L		100	80 - 120	0	30
Chlorobromomethane	1.0	U	20.0	22.6		ug/L		113	71 - 134	2	30
Chlorodibromomethane	0.78	U	20.0	19.3		ug/L		97	73 - 121	5	30
Chloroethane	1.0	U	20.0	17.5		ug/L		88	54 - 150	4	30
Chloroform	0.74	J	20.0	19.7		ug/L		95	78 - 125	4	30
Chloromethane	1.0	U	20.0	16.7		ug/L		84	43 - 149	3	30
cis-1,2-Dichloroethene	1.0	U	20.0	19.5		ug/L		98	78 - 121	4	30
cis-1,3-Dichloropropene	0.45	U	20.0	15.3		ug/L		76	74 - 125	1	30
Cyclohexane	1.0	U	20.0	21.5		ug/L		107	64 - 142	1	30
Dichlorobromomethane	0.98	U	20.0	18.0		ug/L		90	76 - 121	4	30
Dichlorodifluoromethane	1.0	U *	20.0	28.5		ug/L		143	38 - 144	1	30
Ethylbenzene	1.0	U	20.0	18.8		ug/L		94	78 - 120	4	30
Ethylene Dibromide	1.0	U	20.0	17.8		ug/L		89	79 - 126	3	30
Isopropylbenzene	1.0	U	20.0	19.3		ug/L		97	79 - 125	4	30
Methyl acetate	5.0	U	40.0	32.9		ug/L		82	50 - 147	13	30
Methyl tert-butyl ether	1.0	U	20.0	17.4		ug/L		87	72 - 131	1	30
Methylcyclohexane	1.0	U	20.0	21.0		ug/L		105	63 - 138	2	30
Methylene Chloride	1.0	U	20.0	18.2		ug/L		91	74 - 127	1	30
m-Xylene & p-Xylene	1.0	U	20.0	19.2		ug/L		96	78 - 120	1	30
n-Butylbenzene	1.0	U	20.0	17.3		ug/L		87	69 - 135	5	30
N-Propylbenzene	1.0	U	20.0	17.6		ug/L		88	68 - 129	4	30
o-Xylene	1.0	U	20.0	18.9		ug/L		94	78 - 120	1	30
sec-Butylbenzene	1.0	U	20.0	18.8		ug/L		94	77 - 129	2	30
Styrene	1.0	U	20.0	18.0		ug/L		90	82 - 127	0	30
tert-Butylbenzene	1.0	U	20.0	19.0		ug/L		95	78 - 120	3	30
Tetrachloroethene	91		20.0	100	*	ug/L		49	70 - 127	1	30
Toluene	1.0	U	20.0	17.8		ug/L		89	78 - 120	3	30
trans-1,2-Dichloroethene	1.0	U	20.0	19.5		ug/L		97	70 - 126	1	30
trans-1,3-Dichloropropene	0.45	U	20.0	15.2		ug/L		76	71 - 127	2	30
Trichloroethene	0.63		20.0	19.7		ug/L		95	73 - 121	2	30
Trichlorofluoromethane	1.0	U	20.0	24.3		ug/L		121	62 - 134	3	30
Vinyl chloride	1.0	U	20.0	18.0		ug/L		90	55 - 144	2	30
Xylenes, Total	2.0	U	40.0	38.1		ug/L		95	80 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 128
4-Bromofluorobenzene	104		76 - 120
Dibromofluoromethane (Surr)	107		77 - 132
Toluene-d8 (Surr)	93		80 - 120

QC Association Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-344099-1

GC/MS VOA

Analysis Batch: 1088584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-344099-1	MW-8_20260128	Total/NA	Water	8260D	
460-344099-2	MW-7_20260128	Total/NA	Water	8260D	
460-344099-3	MW-6_20260128	Total/NA	Water	8260D	
460-344099-4	DUP-01_20260128	Total/NA	Water	8260D	
460-344099-5	FB-01_20260128	Total/NA	Water	8260D	
460-344099-6	TB-01_20260128	Total/NA	Water	8260D	
MB 460-1088584/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1088584/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1088584/6	Lab Control Sample Dup	Total/NA	Water	8260D	
460-344099-2 MS	MW-7_20260128	Total/NA	Water	8260D	
460-344099-2 MSD	MW-7_20260128	Total/NA	Water	8260D	

Lab Chronicle

Client: Haley & Aldrich Inc
Job ID: 460-344099-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: MW-8_20260128
Lab Sample ID: 460-344099-1
Date Collected: 01/28/26 16:45
Matrix: Water
Date Received: 01/30/26 18:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1088584	CJM	EET EDI	02/03/26 15:49

Client Sample ID: MW-7_20260128
Lab Sample ID: 460-344099-2
Date Collected: 01/28/26 13:52
Matrix: Water
Date Received: 01/30/26 18:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1088584	CJM	EET EDI	02/03/26 15:28

Client Sample ID: MW-6_20260128
Lab Sample ID: 460-344099-3
Date Collected: 01/28/26 12:55
Matrix: Water
Date Received: 01/30/26 18:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1088584	CJM	EET EDI	02/03/26 16:10

Client Sample ID: DUP-01_20260128
Lab Sample ID: 460-344099-4
Date Collected: 01/28/26 13:57
Matrix: Water
Date Received: 01/30/26 18:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1088584	CJM	EET EDI	02/03/26 16:31

Client Sample ID: FB-01_20260128
Lab Sample ID: 460-344099-5
Date Collected: 01/28/26 14:45
Matrix: Water
Date Received: 01/30/26 18:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1088584	CJM	EET EDI	02/03/26 14:46

Client Sample ID: TB-01_20260128
Lab Sample ID: 460-344099-6
Date Collected: 01/28/26 15:45
Matrix: Water
Date Received: 01/30/26 18:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1088584	CJM	EET EDI	02/03/26 15:07

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich Inc
Job ID: 460-344099-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

Method Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-344099-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-344099-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-344099-1	MW-8_20260128	Water	01/28/26 16:45	01/30/26 18:15	New York
460-344099-2	MW-7_20260128	Water	01/28/26 13:52	01/30/26 18:15	New York
460-344099-3	MW-6_20260128	Water	01/28/26 12:55	01/30/26 18:15	New York
460-344099-4	DUP-01_20260128	Water	01/28/26 13:57	01/30/26 18:15	New York
460-344099-5	FB-01_20260128	Water	01/28/26 14:45	01/30/26 18:15	New York
460-344099-6	TB-01_20260128	Water	01/28/26 15:45	01/30/26 18:15	New York

Eurofins Edison
7 New Durham Road
Edison NJ 08837
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins

Client Information	Sampler: S Barcco	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-205594-134387 1
Client Contact: Matthew Forshay	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Haley & Aldrich Inc	PWSID:	Analysis Requested		Job #: 344099
Address: 299 Cherry Hil Road Suite 303	Due Date Requested:			Preservation Codes: A HCL
City: Parsippany	TAT Requested (days):			
State, Zip: NJ 07054	Compliance Project: Δ Yes Δ No			
Phone: 646-893-4733(Tel\	PO #: 0205125			
Email: MForshay@haleyaldrich.com	WO #:			
Project Name: 1885 Atlantic Avenue Brooklyn	Project #: 46041610			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/Part 376 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	A	X	
MW-B_20260128	1/28/26	16 45	G	Water			X		
MW-7_20260128	1/28/26	15 52	G	Water	X		X		MS/MSD 3x VOLUME
MW-6_20260128	1/28/26	12 55	G	Water			X		
DUP-01_20260128	1/28/26	13 57	G	Water			X		
FB-01-20260128	1/28/26	14 45	G	Water			X		
TB-01-20260128	1/28/26	15 00	G	Water			X		
				Water					
				Water					
				Water					

460-344099 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Sara. GTC Co	1/28/26 1613 pm	ETA		1/29/26 1945	ETA
2		1/29/26 2055	ETA		1/30/26 1300	ETA
3		1/30/26 1845	ETA	Emily Raffa	1/30/26 1845	ETA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 2.5/2.6 #10

VT 05/06/21 24

Job Number: 344099

Eurofins Edison
Receipt Temperature and pH Log

Number of Coolers: 1 IR Gun # 10

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.5 °C	2.6 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	1,4-Dioxane (pH<4)	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

*Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-038, Rev 5
9/5/2025

Initials: AH Date: 1/30/26

Login Sample Receipt Checklist

Client: Haley & Aldrich Inc

Job Number: 460-344099-1

Login Number: 344099
List Number: 1
Creator: Nelson, Rose E

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B
SVE Maintenance Field Forms

APPENDIX B
INFLUENT AND EFFLUENT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 1/28/2026

Weather:

Personnel: M. Forshay

SVE Blower Time (Previous): 10471.5

SVE Blower Time (Current): 11694.3

Time:

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection		43.8	20	40.9		
Combined SVE/SSDS Influent		305	20	10.9		
Filter Influent		-	26	-	-	
Filter Effluent		-	26	-	-	
Effluent before Drums		180	40	-	110	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1		78.5	19	10.6	-	
Effluent after Drum 2		24.5	6	7.1	-	

Notes:
cfm - cubic feet per minute
ppm - parts per million
IWC - inches of water column
°F - degrees Fahrenheit

APPENDIX B
VAPOR EXTRACTION POINT AND MONITORING POINT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 1/28/2026 SVE Blower Time (Previous): 10471.5

Weather: SVE Blower Time (Current): 11694.3

Personnel: M. Forshay Time:

VEP/MP	Time	Air Flow (cfm)	PID Reading (ppm)	Notes
SVE-1S		4.66	552.2	380 ft/min
SVE-1D		3.07	473	250 ft/min
SVE-2S		0.798	405.6	65 ft/min
SVE-2D		1.84	318.1	150 ft/min
SVE-3S				0 ft/min
SVE-3D				0 ft/min
SVE-4S				0 ft/min
SVE-4D				0 ft/min
SVE-5S		3.07	178.9	250 ft/min
SVE-5D				0 ft/min
SVE-6S				0 ft/min
SVE-6D				0 ft/min
SVE-7S				0 ft/min
SVE-7D		12.3	178	1002 ft/min
SVE-8S		3.19	201.6	260 ft/min
SVE-8D		4.29	70.1	350 ft/min
SVE-9S				0 ft/min
SVE-9D				0 ft/min
MP-1_25				2.9 IWC
MP-1_35				2.9 IWC
MP-1_45				-
MP-1_55				-
MP-2_25				-
MP-2_35				-
MP-2_45				-
MP-2_55				-

Notes:
cfm - cubic feet per minute
ppm - parts per million
VEP - Vapor Extraction Point
MP - Monitoring Point
IWC = inches of water column

APPENDIX B
INFLUENT AND EFFLUENT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 2/26/2026
Weather:
Personnel: T. Ritchie

SVE Blower Time (Previous): 11694.3
SVE Blower Time (Current): 12392.2
Time:

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection		24.3	30	147.7		
Combined SVE/SSDS Influent		218.17	30	63.4		
Filter Influent		-	26	-	-	
Filter Effluent		-	26	-	-	
Effluent before Drums		180	40	-	123	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1		39.27	17.82	20.4	-	
Effluent after Drum 2		28.96	5.25	12.5	-	

Notes:
cfm - cubic feet per minute
ppm - parts per million
IWC - inches of water column
°F - degrees Fahrenheit

APPENDIX B
VAPOR EXTRACTION POINT AND MONITORING POINT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 2/26/2026
Weather:
Personnel: T. Ritchie
SVE Blower Time (Previous): 11694.3
SVE Blower Time (Current): 12392.2
Time:

VEP/MP	Time	Air Flow (cfm)	PID Reading (ppm)	Notes
SVE-1S		1.47	849.3	120 ft/min
SVE-1D		1.59	388	130 ft/min
SVE-2S		0.736	171.1	60 ft/min
SVE-2D		1.72	117.6	140 ft/min
SVE-3S				0 ft/min
SVE-3D				0 ft/min
SVE-4S				0 ft/min
SVE-4D				0 ft/min
SVE-5S		1.16	279.4	95 ft/min
SVE-5D				0 ft/min
SVE-6S				0 ft/min
SVE-6D				0 ft/min
SVE-7S				0 ft/min
SVE-7D		6.75	153.4	550 ft/min
SVE-8S		3.43	389.5	280 ft/min
SVE-8D		7.36	137.9	600 ft/min
SVE-9S				0 ft/min
SVE-9D				0 ft/min
MP-1_25				2.5 IWC
MP-1_35				2.5 IWC
MP-1_45				0.0
MP-1_55				0.0
MP-2_25				0.0
MP-2_35				0.0
MP-2_45				0.0
MP-2_55				0.0

Notes:
cfm - cubic feet per minute
ppm - parts per million
VEP - Vapor Extraction Point
MP - Monitoring Point
IWC = inches of water column

APPENDIX B
INFLUENT AND EFFLUENT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 3/18/2026
Weather:
Personnel: T. Ritchie
SVE Blower Time (Previous): 12392.2
SVE Blower Time (Current): 12869.4
Time:

SYSTEM LOCATION	Time	Air Flow (cfm)	Vacuum/Pressure (IWC)	PID Reading (ppm)	Temperature (°F)	Notes
SVE Influent before SSDS Connection		23.56	30	65.8		
Combined SVE/SSDS Influent		187.62	30	10.8		
Filter Influent		-	28	-	-	
Filter Effluent		-	28	-	-	
Effluent before Drums		180	43	-	130	Air flow: read mag gauge and convert the IWC to cfm with the exhaust flow chart
Effluent after Drum 1		235.62	18.15	10.1	-	
Effluent after Drum 2		190.46	5.6	12	-	

Notes:
cfm - cubic feet per minute
ppm - parts per million
IWC - inches of water column
°F - degrees Fahrenheit

APPENDIX B
VAPOR EXTRACTION POINT AND MONITORING POINT READINGS
1885 ATLANTIC AVENUE REDEVELOPMENT SITE
BROOKLYN, NEW YORK

Date: 3/18/2026
Weather:
Personnel: T. Ritchie
SVE Blower Time (Previous): 12392.2
SVE Blower Time (Current): 12869.4
Time:

VEP/MP	Time	Air Flow (cfm)	PID Reading (ppm)	Notes
SVE-1S		1.23	849.3	100 ft/min
SVE-1D		0.92	388	75 ft/min
SVE-2S		1.104	171.1	90 ft/min
SVE-2D		1.53	117.6	125 ft/min
SVE-3S				0 ft/min
SVE-3D				0 ft/min
SVE-4S				0 ft/min
SVE-4D				0 ft/min
SVE-5S		0.49	279.4	40 ft/min
SVE-5D				0 ft/min
SVE-6S				0 ft/min
SVE-6D				0 ft/min
SVE-7S				0 ft/min
SVE-7D		7.06	153.4	575 ft/min
SVE-8S		2.88	389.5	235 ft/min
SVE-8D		8.59	137.9	700 ft/min
SVE-9S				0 ft/min
SVE-9D				0 ft/min
MP-1_25				3.65 IWC
MP-1_35				3.60 IWC
MP-1_45				0.0
MP-1_55				2.54 IWC
MP-2_25				0.0
MP-2_35				0.0
MP-2_45				0.0
MP-2_55				0.0

Notes:
cfm - cubic feet per minute
ppm - parts per million
VEP - Vapor Extraction Point
MP - Monitoring Point
IWC = inches of water column

APPENDIX C
Environmental Easement

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument.The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2024030501085001001E5D49

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 10**

Document ID: 2024030501085001 Document Date: 02-20-2024 Preparation Date: 03-05-2024
Document Type: EASEMENT
Document Page Count: 9

PRESENTER:
SIVE PAGET & RIESEL, P.C.
560 LEXINGTON AVENUE, 15TH FLOOR
NEW YORK, NY 10022
212-421-2150
NDUNCAN@SPRLAW.COM

RETURN TO:
SIVE PAGET & RIESEL, P.C.
560 LEXINGTON AVENUE, 15TH FLOOR
NEW YORK, NY 10022
212-421-2150
NDUNCAN@SPRLAW.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BROOKLYN	1714	30	Entire Lot	1885 ATLANTIC AVENUE

Property Type: RESIDENTIAL VACANT LAND Easement

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year_____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
1885 ATLANTIC REALTY LLC
40 OSER AVE., SUITE 4
HAUPPAUGE, NY 11788

GRANTEE/BUYER:
PEOPLE OF NEW YORK BY DEPT. ENVIRONMENTAL CONSERVA
625 BROADWAY
ALBANY, NY 12233

FEES AND TAXES

Mortgage :

Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	82.00
Affidavit Fee:	$	0.00

Filing Fee: $ 100.00

NYC Real Property Transfer Tax: $ 0.00

NYS Real Estate Transfer Tax: $ 0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 03-06-2024 12:09
City Register File No.(CRFN): **2024000057343**

City Register Official Signature

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 20th day of February, 2024, between Owner, 1885 Atlantic Realty LLC, having an office at 40 Oser Avenue, Suite 4, Hauppauge, New York 11788 (the "Grantor"), and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 1885 Atlantic Avenue in the City of New York, County of Kings and State of New York, known and designated on the tax map of the New York City Department of Finance as tax map parcel number: Block 1714 Lot 30, being the same as that property conveyed to Grantor by deed dated March 16, 2022 and recorded in the City Register of the City of New York as CRFN #2022000136883. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately .249 +/- acres, and is hereinafter more fully described in the Land Title Survey dated December 22, 2021, updated April 12, 2023, and revised May 9, 2023 prepared by Ramzan Alli, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C224347-02-22, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining

contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to ensure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i) and raising livestock or producing animal products for human consumption, and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation

Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to ensure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against

the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: C224347
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the

recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

Remainder of Page Intentionally Left Blank

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

1885 Atlantic Realty LLC:

By: Jacob Kohn

Print Name: Jacob Kohn

Title: Authorized Signer Date: 02/14/2024

Grantor's Acknowledgment

STATE OF ~~NEW YORK~~ Florida)
) ss:
COUNTY OF Broward)

KELSEY PROPER
Notary Public - State of Florida
Commission # HH415727
Expires on June 28, 2027

On the 14th day of February, in the year 20 24, before me, the undersigned, personally appeared Jacob Kohn, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Kelsey Proper
Notary Public - State of ~~New York~~ Florida

Notarized remotely online using communication technology via Proof.
Driver's License used for ID.

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Andrew O. Guglielmi, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 20th day of February in the year 2024 before me, the undersigned, personally appeared Andrew O. Guglielmi, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

Cheryl A. Salem
Notary Public State of New York
Registration No. 01SA0002177
Qualified in Albany County
My Commission Expires March 3, 2027

SCHEDULE "A" PROPERTY DESCRIPTION

LEGAL DESCRIPTION
DEED AND ENVIRONMENTAL EASEMENT

All that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the Westerly side of Ralph Avenue with the Northerly side of Atlantic Avenue;

RUNNING thence Westerly along the Northerly side of Atlantic Avenue, a distance of 116 feet 0 inches;

THENCE Northerly parallel with Ralph Avenue, a distance of 98 feet 7 inches;

THENCE Easterly parallel with Atlantic Avenue, a distance of 29 feet 0 inches;

THENCE Southerly parallel with Ralph Avenue, a distance of 7 feet 0 inches;

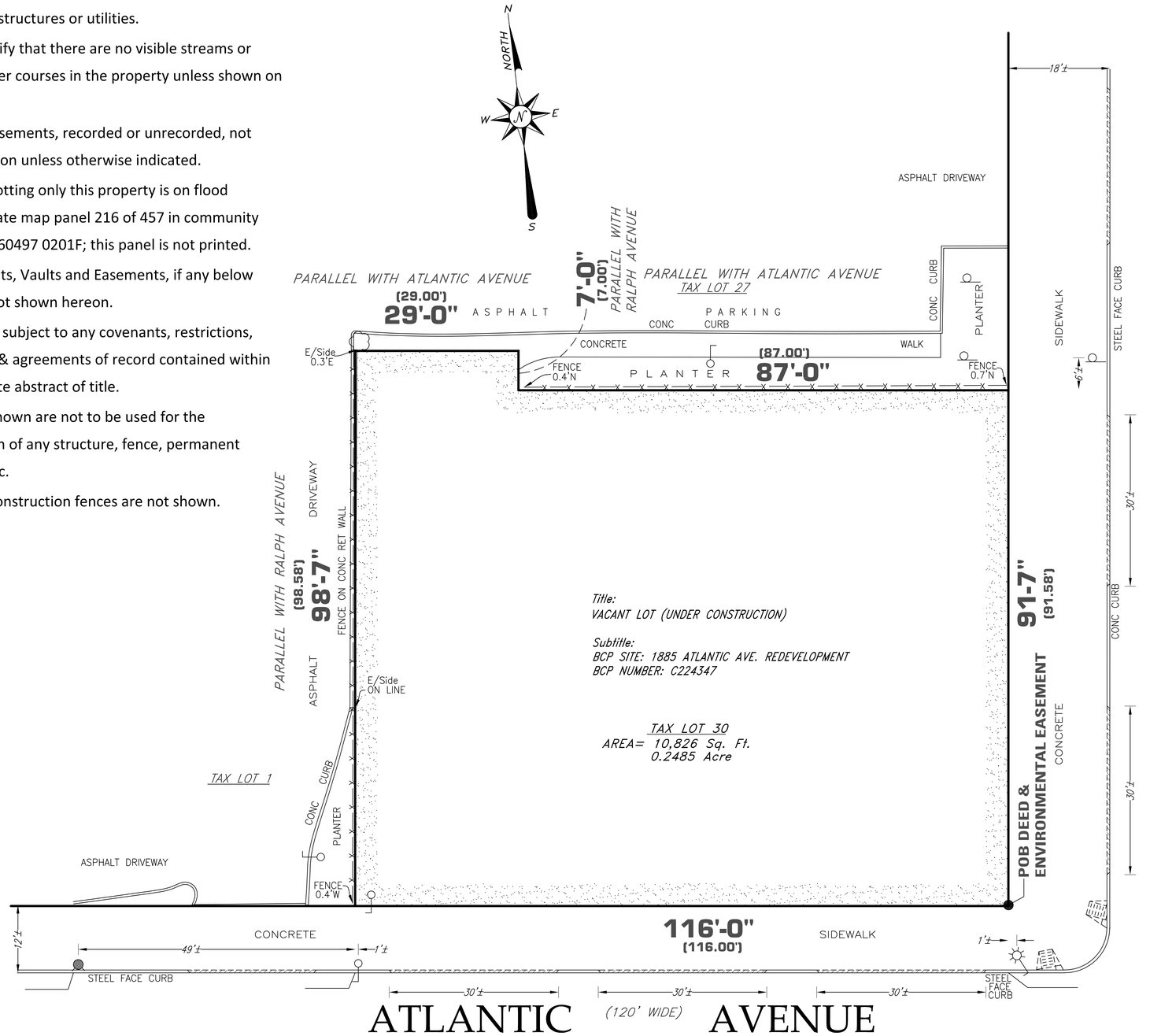
THENCE Easterly parallel with Atlantic Avenue, a distance of 87 feet 0 inches to the Westerly side of Ralph Avenue;

THENCE Southerly along the Westerly side of Ralph Avenue, a distance of 91 feet 7 inches to the Northerly side of Atlantic Avenue at the point or place of BEGINNING;

The above described property having an area of 10,826 Square Feet or 0.2485 Acre more or less.

NOTES:

1. No investigation has been made with respect to subsurface structures or utilities.
2. This is to certify that there are no visible streams or natural water courses in the property unless shown on this survey.
3. Nonvisible easements, recorded or unrecorded, not shown hereon unless otherwise indicated.
4. By graphic plotting only this property is on flood insurance rate map panel 216 of 457 in community panel No. 360497 0201F; this panel is not printed.
5. Encroachments, Vaults and Easements, if any below surface is not shown hereon.
6. This survey is subject to any covenants, restrictions, easements & agreements of record contained within an up to date abstract of title.
7. The offsets shown are not to be used for the construction of any structure, fence, permanent addition, etc.
8. Temporary construction fences are not shown.



Title:
VACANT LOT (UNDER CONSTRUCTION)

Subtitle:
BCP SITE: 1885 ATLANTIC AVE. REDEVELOPMENT
BCP NUMBER: C224347

TAX LOT 30
AREA= 10,826 Sq. Ft.
0.2485 Acre

Limits of Environmental Easement denoted thus:

RECORD DESCRIPTION & ENVIRONMENTAL EASEMENT DESCRIPTION

AS DESCRIBED IN CRFN 2022000136883

All that Certain Plot, Piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the Westerly side of Ralph Avenue with the Northerly side of Atlantic Avenue;

RUNNING thence Westerly along the Northerly side of Atlantic Avenue, a distance of 116 feet 0 inches;

THENCE Northerly parallel with Ralph Avenue, a distance of 98 feet 7 inches;

THENCE Easterly parallel with Atlantic Avenue, a distance of 29 feet 0 inches;

THENCE Southerly parallel with Ralph Avenue, a distance of 7 feet 0 inches;

THENCE Easterly parallel with Atlantic Avenue, a distance of 87 feet 0 inches to the Westerly side of Ralph Avenue;

THENCE Southerly along the Westerly side of Ralph Avenue, a distance of 91 feet 7 inches to the Northerly side of Atlantic Avenue at the point or place of BEGINNING;

The above described property having an area of 10,826 Square Feet or 0.2485 Acre more or less.

NOTE:

This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the New York Environmental Conservation Law.

The engineering and institutional controls for this Easement are set forth in more detail in the Site Management Plan (SMP). A copy of the SMP must be obtained by any party with an interest in the property. The SMP can be obtained from NYS Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233 or at derweb@dec.ny.gov.

LEGEND

- LIGHT POLE
- STREET SIGN
- HYDRANT
- CURB CUT
- PEDESTRIAN RAMP
- TREE
- TRAFFIC LIGHT
- CHAIN LINK FENCE
- PROPERTY LINE
- METAL POST
- POB — POINT OF BEGINNING

Tax Block: 1714
Tax Lot: 30

PROPERTY SITUATED AT
1885 ATLANTIC AVENUE
BOROUGH OF BROOKLYN
COUNTY OF KINGS
CITY & STATE OF NEW YORK

0' 10' 20' 30'
0m 5m 10m
SCALE 1" = 10'
(IN METERS AND FEET)

STATE OF NEW YORK — RAMZAN ALLI — 050457 — LICENSED LAND SURVEYOR

ZDK714

DATE	DESCRIPTION
May 9, 2023	Map Revised
April 12, 2023	Survey Updated & Environmental Easement Added
December 22, 2021	Date of Survey

Ramzan Alli License No. 050457

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209, OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY NOT BEARING THE LAND SURVEYOR'S INKED SEAL OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID TRUE COPY. CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

NY LAND SURVEYOR — PROPERTY OF LOVELL-BELCHER INC.

NY Land Surveyor P.C.
77-16 164 Street, Suite 301 Fresh Meadows, NY 11366
Tel: 718-591-6600 Tel: 212-732-1575
www.nylandsurveyor.com
nylandsurveyor@gmail.com

EARL B.LOVELL-S.P.BELCHER, INC. & *JACK ALLISON HALL*

APPENDIX D
SVE System Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Forshay
Haley & Aldrich, Inc.
299 Cherry Hill Road
Suite 303
Parsippany NJ 07054

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JOB DESCRIPTION

1885 Atlantic Ave, Brooklyn, Soil Vapor

JOB NUMBER

200-78914-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

my EOL

Job Notes

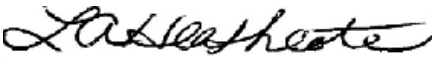
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



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Authorized for release by
Lee Ann Heathcote, Project Manager II
LeeAnn.Heathcote@et.eurofinsus.com
802 923-1028

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Definitions/Glossary

Client: Haley & Aldrich, Inc. Job ID: 200-78914-1
Project/Site: 1885 Atlantic Ave, Brooklyn, Soil Vapor

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
E	Result exceeded calibration range.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
200-78914-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/15/2025 9:40 AM. Unless otherwise noted below, the samples arrived in good condition.

Receipt Exceptions
The container labels for the following samples did not match the information listed on the Chain-of-Custody (COC):

SVE_INF_20250813
SVE_EFF_20250813
SSDS_INF_20250813

On 8/20/2025, the client requested that sample IDs be changed as follows to match the sampling date:

"SVE_INF_20250813" to "SVE_INF_20250814"
"SVE_EFF_20250813" to "SVE_EFF_20250814"
"SSDS_INF_20250813" to "SSDS_INF_20250814"

Air - GC/MS VOA
Method TO15: Reanalysis of the following sample was performed outside of analytical Holding Time because upon initial analysis target analytes exceeded calibration range: SSDS_INF_20250813 (200-78914-3). The Initial analysis was performed within Holding Time.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Haley & Aldrich, Inc.
Job ID: 200-78914-1
Project/Site: 1885 Atlantic Ave, Brooklyn, Soil Vapor

Client Sample ID: SVE_INF_20250814
Lab Sample ID: 200-78914-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	30		20	12	ppb v/v	40		TO-15	Total/NA
Acetone	110	J	200	76	ppb v/v	40		TO-15	Total/NA
Carbon disulfide	40		20	7.2	ppb v/v	40		TO-15	Total/NA
trans-1,2-Dichloroethene	6.3	J	8.0	0.80	ppb v/v	40		TO-15	Total/NA
n-Hexane	34		20	6.4	ppb v/v	40		TO-15	Total/NA
Methyl Ethyl Ketone	8.7	J	20	5.6	ppb v/v	40		TO-15	Total/NA
1,2-Dichloroethene, Total	6.3	J	16	0.80	ppb v/v	40		TO-15	Total/NA
Chloroform	3.0	J	8.0	2.4	ppb v/v	40		TO-15	Total/NA
Cyclohexane	33		8.0	2.1	ppb v/v	40		TO-15	Total/NA
2,2,4-Trimethylpentane	880		8.0	2.8	ppb v/v	40		TO-15	Total/NA
Benzene	15		8.0	2.0	ppb v/v	40		TO-15	Total/NA
n-Heptane	59		8.0	3.4	ppb v/v	40		TO-15	Total/NA
Methyl methacrylate	19	J	20	5.2	ppb v/v	40		TO-15	Total/NA
methyl isobutyl ketone	34		20	7.6	ppb v/v	40		TO-15	Total/NA
Toluene	44		8.0	2.2	ppb v/v	40		TO-15	Total/NA
Ethylbenzene	7.1	J	8.0	2.0	ppb v/v	40		TO-15	Total/NA
m,p-Xylene	180		20	0.56	ppb v/v	40		TO-15	Total/NA
Xylene, o-	87		8.0	2.8	ppb v/v	40		TO-15	Total/NA
Xylene (total)	270		28	0.56	ppb v/v	40		TO-15	Total/NA
4-Ethyltoluene	13		8.0	2.7	ppb v/v	40		TO-15	Total/NA
1,3,5-Trimethylbenzene	42		8.0	2.7	ppb v/v	40		TO-15	Total/NA
1,2,4-Trimethylbenzene	13		8.0	3.3	ppb v/v	40		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	70		48	29	ug/m3	40		TO-15	Total/NA
Acetone	270	J	480	180	ug/m3	40		TO-15	Total/NA
Carbon disulfide	120		62	22	ug/m3	40		TO-15	Total/NA
trans-1,2-Dichloroethene	25	J	32	3.2	ug/m3	40		TO-15	Total/NA
n-Hexane	120		70	23	ug/m3	40		TO-15	Total/NA
Methyl Ethyl Ketone	26	J	59	17	ug/m3	40		TO-15	Total/NA
1,2-Dichloroethene, Total	25	J	63	3.2	ug/m3	40		TO-15	Total/NA
Chloroform	15	J	39	12	ug/m3	40		TO-15	Total/NA
Cyclohexane	110		28	7.2	ug/m3	40		TO-15	Total/NA
2,2,4-Trimethylpentane	4100		37	13	ug/m3	40		TO-15	Total/NA
Benzene	49		26	6.5	ug/m3	40		TO-15	Total/NA
n-Heptane	240		33	14	ug/m3	40		TO-15	Total/NA
Methyl methacrylate	78	J	82	21	ug/m3	40		TO-15	Total/NA
methyl isobutyl ketone	140		82	31	ug/m3	40		TO-15	Total/NA
Toluene	170		30	8.1	ug/m3	40		TO-15	Total/NA
Ethylbenzene	31	J	35	8.9	ug/m3	40		TO-15	Total/NA
m,p-Xylene	760		87	2.4	ug/m3	40		TO-15	Total/NA
Xylene, o-	380		35	12	ug/m3	40		TO-15	Total/NA
Xylene (total)	1200		120	2.4	ug/m3	40		TO-15	Total/NA
4-Ethyltoluene	64		39	13	ug/m3	40		TO-15	Total/NA
1,3,5-Trimethylbenzene	210		39	13	ug/m3	40		TO-15	Total/NA
1,2,4-Trimethylbenzene	66		39	16	ug/m3	40		TO-15	Total/NA

Client Sample ID: SVE_EFF_20250814
Lab Sample ID: 200-78914-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	660		10	6.2	ppb v/v	20		TO-15	Total/NA
trans-1,2-Dichloroethene	1.8	J	4.0	0.40	ppb v/v	20		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SVE_EFF_20250814 (Continued) Lab Sample ID: 200-78914-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Hexane	5.5	J	10	3.2	ppb v/v	20		TO-15	Total/NA
1,2-Dichloroethene, Total	1.8	J	8.0	0.40	ppb v/v	20		TO-15	Total/NA
Cyclohexane	6.2		4.0	1.0	ppb v/v	20		TO-15	Total/NA
Carbon tetrachloride	0.62	J	4.0	0.48	ppb v/v	20		TO-15	Total/NA
2,2,4-Trimethylpentane	130		4.0	1.4	ppb v/v	20		TO-15	Total/NA
Benzene	3.5	J	4.0	1.0	ppb v/v	20		TO-15	Total/NA
n-Heptane	11		4.0	1.7	ppb v/v	20		TO-15	Total/NA
Toluene	13		4.0	1.1	ppb v/v	20		TO-15	Total/NA
Ethylbenzene	2.1	J	4.0	1.0	ppb v/v	20		TO-15	Total/NA
m,p-Xylene	65		10	0.28	ppb v/v	20		TO-15	Total/NA
Xylene, o-	34		4.0	1.4	ppb v/v	20		TO-15	Total/NA
Xylene (total)	99		14	0.28	ppb v/v	20		TO-15	Total/NA
4-Ethyltoluene	7.6		4.0	1.4	ppb v/v	20		TO-15	Total/NA
1,3,5-Trimethylbenzene	25		4.0	1.4	ppb v/v	20		TO-15	Total/NA
1,2,4-Trimethylbenzene	10		4.0	1.6	ppb v/v	20		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	1600		24	15	ug/m3	20		TO-15	Total/NA
trans-1,2-Dichloroethene	7.0	J	16	1.6	ug/m3	20		TO-15	Total/NA
n-Hexane	19	J	35	11	ug/m3	20		TO-15	Total/NA
1,2-Dichloroethene, Total	7.1	J	32	1.6	ug/m3	20		TO-15	Total/NA
Cyclohexane	21		14	3.6	ug/m3	20		TO-15	Total/NA
Carbon tetrachloride	3.9	J	25	3.0	ug/m3	20		TO-15	Total/NA
2,2,4-Trimethylpentane	630		19	6.6	ug/m3	20		TO-15	Total/NA
Benzene	11	J	13	3.3	ug/m3	20		TO-15	Total/NA
n-Heptane	46		16	7.0	ug/m3	20		TO-15	Total/NA
Toluene	51		15	4.1	ug/m3	20		TO-15	Total/NA
Ethylbenzene	9.3	J	17	4.4	ug/m3	20		TO-15	Total/NA
m,p-Xylene	280		43	1.2	ug/m3	20		TO-15	Total/NA
Xylene, o-	150		17	6.0	ug/m3	20		TO-15	Total/NA
Xylene (total)	430		61	1.2	ug/m3	20		TO-15	Total/NA
4-Ethyltoluene	37		20	6.7	ug/m3	20		TO-15	Total/NA
1,3,5-Trimethylbenzene	120		20	6.7	ug/m3	20		TO-15	Total/NA
1,2,4-Trimethylbenzene	50		20	8.1	ug/m3	20		TO-15	Total/NA

Client Sample ID: SSDS_INF_20250814 Lab Sample ID: 200-78914-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	8.3		2.5	1.6	ppb v/v	5		TO-15	Total/NA
Acetone	15	J	25	9.5	ppb v/v	5		TO-15	Total/NA
trans-1,2-Dichloroethene	3.5		1.0	0.10	ppb v/v	5		TO-15	Total/NA
n-Hexane	9.9		2.5	0.80	ppb v/v	5		TO-15	Total/NA
Methyl Ethyl Ketone	3.1		2.5	0.70	ppb v/v	5		TO-15	Total/NA
1,2-Dichloroethene, Total	3.5		2.0	0.10	ppb v/v	5		TO-15	Total/NA
Chloroform	1.7		1.0	0.30	ppb v/v	5		TO-15	Total/NA
Cyclohexane	11		1.0	0.26	ppb v/v	5		TO-15	Total/NA
2,2,4-Trimethylpentane	230	E	1.0	0.36	ppb v/v	5		TO-15	Total/NA
Benzene	6.1		1.0	0.26	ppb v/v	5		TO-15	Total/NA
n-Heptane	21		1.0	0.43	ppb v/v	5		TO-15	Total/NA
Trichloroethene	0.16	J	1.0	0.15	ppb v/v	5		TO-15	Total/NA
1,2-Dichloropropane	0.73	J	1.0	0.28	ppb v/v	5		TO-15	Total/NA
Toluene	22		1.0	0.27	ppb v/v	5		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SSDS_INF_20250814 (Continued) Lab Sample ID: 200-78914-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.38	J	1.0	0.18	ppb v/v	5		TO-15	Total/NA
Chlorobenzene	0.37	J	1.0	0.24	ppb v/v	5		TO-15	Total/NA
Ethylbenzene	3.5		1.0	0.26	ppb v/v	5		TO-15	Total/NA
m,p-Xylene	100		2.5	0.070	ppb v/v	5		TO-15	Total/NA
Xylene, o-	51		1.0	0.35	ppb v/v	5		TO-15	Total/NA
Xylene (total)	150		3.5	0.070	ppb v/v	5		TO-15	Total/NA
Cumene	0.90	J	1.0	0.36	ppb v/v	5		TO-15	Total/NA
4-Ethyltoluene	11		1.0	0.34	ppb v/v	5		TO-15	Total/NA
1,3,5-Trimethylbenzene	36		1.0	0.34	ppb v/v	5		TO-15	Total/NA
1,2,4-Trimethylbenzene	14		1.0	0.41	ppb v/v	5		TO-15	Total/NA
4-Isopropyltoluene	1.3		1.0	0.39	ppb v/v	5		TO-15	Total/NA
n-Butane - DL	27	H D	5.0	3.1	ppb v/v	10		TO-15	Total/NA
trans-1,2-Dichloroethene - DL	4.1	H D	2.0	0.20	ppb v/v	10		TO-15	Total/NA
n-Hexane - DL	11	H D	5.0	1.6	ppb v/v	10		TO-15	Total/NA
Methyl Ethyl Ketone - DL	1.8	J H D	5.0	1.4	ppb v/v	10		TO-15	Total/NA
1,2-Dichloroethene, Total - DL	4.1	H D	4.0	0.20	ppb v/v	10		TO-15	Total/NA
Chloroform - DL	1.4	J H D	2.0	0.59	ppb v/v	10		TO-15	Total/NA
Cyclohexane - DL	13	H D	2.0	0.52	ppb v/v	10		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	270	H D	2.0	0.71	ppb v/v	10		TO-15	Total/NA
Benzene - DL	8.8	H D	2.0	0.51	ppb v/v	10		TO-15	Total/NA
n-Heptane - DL	25	H D	2.0	0.86	ppb v/v	10		TO-15	Total/NA
1,2-Dichloropropane - DL	2.2	H D	2.0	0.55	ppb v/v	10		TO-15	Total/NA
Toluene - DL	21	H D	2.0	0.54	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene - DL	0.42	J H D	2.0	0.36	ppb v/v	10		TO-15	Total/NA
Chlorobenzene - DL	0.49	J H D	2.0	0.47	ppb v/v	10		TO-15	Total/NA
Ethylbenzene - DL	3.0	H D	2.0	0.51	ppb v/v	10		TO-15	Total/NA
m,p-Xylene - DL	80	H D	5.0	0.14	ppb v/v	10		TO-15	Total/NA
Xylene, o- - DL	40	H D	2.0	0.69	ppb v/v	10		TO-15	Total/NA
Xylene (total) - DL	120	H D	7.0	0.14	ppb v/v	10		TO-15	Total/NA
Cumene - DL	0.83	J H D	2.0	0.72	ppb v/v	10		TO-15	Total/NA
4-Ethyltoluene - DL	7.4	H D	2.0	0.68	ppb v/v	10		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	24	H D	2.0	0.68	ppb v/v	10		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	8.5	H D	2.0	0.82	ppb v/v	10		TO-15	Total/NA
4-Isopropyltoluene - DL	0.88	J H D	2.0	0.78	ppb v/v	10		TO-15	Total/NA
Naphthalene - DL	1.5	J H D	5.0	1.1	ppb v/v	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	20		5.9	3.7	ug/m3	5		TO-15	Total/NA
Acetone	36	J	59	23	ug/m3	5		TO-15	Total/NA
trans-1,2-Dichloroethene	14		4.0	0.40	ug/m3	5		TO-15	Total/NA
n-Hexane	35		8.8	2.8	ug/m3	5		TO-15	Total/NA
Methyl Ethyl Ketone	9.0		7.4	2.1	ug/m3	5		TO-15	Total/NA
1,2-Dichloroethene, Total	14		7.9	0.40	ug/m3	5		TO-15	Total/NA
Chloroform	8.4		4.9	1.4	ug/m3	5		TO-15	Total/NA
Cyclohexane	38		3.4	0.89	ug/m3	5		TO-15	Total/NA
2,2,4-Trimethylpentane	1100	E	4.7	1.7	ug/m3	5		TO-15	Total/NA
Benzene	19		3.2	0.81	ug/m3	5		TO-15	Total/NA
n-Heptane	87		4.1	1.8	ug/m3	5		TO-15	Total/NA
Trichloroethene	0.86	J	5.4	0.78	ug/m3	5		TO-15	Total/NA
1,2-Dichloropropane	3.4	J	4.6	1.3	ug/m3	5		TO-15	Total/NA
Toluene	84		3.8	1.0	ug/m3	5		TO-15	Total/NA
Tetrachloroethene	2.6	J	6.8	1.2	ug/m3	5		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SSDS_INF_20250814 (Continued) Lab Sample ID: 200-78914-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.7	J	4.6	1.1	ug/m3	5		TO-15	Total/NA
Ethylbenzene	15		4.3	1.1	ug/m3	5		TO-15	Total/NA
m,p-Xylene	440		11	0.30	ug/m3	5		TO-15	Total/NA
Xylene, o-	220		4.3	1.5	ug/m3	5		TO-15	Total/NA
Xylene (total)	660		15	0.30	ug/m3	5		TO-15	Total/NA
Cumene	4.4	J	4.9	1.8	ug/m3	5		TO-15	Total/NA
4-Ethyltoluene	56		4.9	1.7	ug/m3	5		TO-15	Total/NA
1,3,5-Trimethylbenzene	180		4.9	1.7	ug/m3	5		TO-15	Total/NA
1,2,4-Trimethylbenzene	71		4.9	2.0	ug/m3	5		TO-15	Total/NA
4-Isopropyltoluene	7.0		5.5	2.1	ug/m3	5		TO-15	Total/NA
n-Butane - DL	64	H D	12	7.4	ug/m3	10		TO-15	Total/NA
trans-1,2-Dichloroethene - DL	16	H D	7.9	0.79	ug/m3	10		TO-15	Total/NA
n-Hexane - DL	40	H D	18	5.6	ug/m3	10		TO-15	Total/NA
Methyl Ethyl Ketone - DL	5.2	J H D	15	4.1	ug/m3	10		TO-15	Total/NA
1,2-Dichloroethene, Total - DL	16	H D	16	0.79	ug/m3	10		TO-15	Total/NA
Chloroform - DL	6.8	J H D	9.8	2.9	ug/m3	10		TO-15	Total/NA
Cyclohexane - DL	44	H D	6.9	1.8	ug/m3	10		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	1300	H D	9.3	3.3	ug/m3	10		TO-15	Total/NA
Benzene - DL	28	H D	6.4	1.6	ug/m3	10		TO-15	Total/NA
n-Heptane - DL	100	H D	8.2	3.5	ug/m3	10		TO-15	Total/NA
1,2-Dichloropropane - DL	9.9	H D	9.2	2.5	ug/m3	10		TO-15	Total/NA
Toluene - DL	78	H D	7.5	2.0	ug/m3	10		TO-15	Total/NA
Tetrachloroethene - DL	2.9	J H D	14	2.4	ug/m3	10		TO-15	Total/NA
Chlorobenzene - DL	2.2	J H D	9.2	2.2	ug/m3	10		TO-15	Total/NA
Ethylbenzene - DL	13	H D	8.7	2.2	ug/m3	10		TO-15	Total/NA
m,p-Xylene - DL	350	H D	22	0.61	ug/m3	10		TO-15	Total/NA
Xylene, o- - DL	170	H D	8.7	3.0	ug/m3	10		TO-15	Total/NA
Xylene (total) - DL	520	H D	30	0.61	ug/m3	10		TO-15	Total/NA
Cumene - DL	4.1	J H D	9.8	3.5	ug/m3	10		TO-15	Total/NA
4-Ethyltoluene - DL	36	H D	9.8	3.3	ug/m3	10		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	120	H D	9.8	3.3	ug/m3	10		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	42	H D	9.8	4.0	ug/m3	10		TO-15	Total/NA
4-Isopropyltoluene - DL	4.8	J H D	11	4.3	ug/m3	10		TO-15	Total/NA
Naphthalene - DL	7.8	J H D	26	5.8	ug/m3	10		TO-15	Total/NA

Client Sample ID: SVE_INF_20250814 **Lab Sample ID: 200-78914-1**
Date Collected: 08/14/25 11:35 **Matrix: Air**
Date Received: 08/15/25 09:40
Sample Time: 695 Min **Sample Container: Tedlar Bag 1L**

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	20	U	20	8.8	ppb v/v			08/16/25 02:58	40
Freon 22	20	U	20	14	ppb v/v			08/16/25 02:58	40
1,2-Dichlorotetrafluoroethane	8.0	U	8.0	3.0	ppb v/v			08/16/25 02:58	40
Chloromethane	20	U	20	13	ppb v/v			08/16/25 02:58	40
n-Butane	**30**		20	12	ppb v/v			08/16/25 02:58	40
Vinyl chloride	8.0	U	8.0	1.2	ppb v/v			08/16/25 02:58	40
1,3-Butadiene	8.0	U	8.0	1.6	ppb v/v			08/16/25 02:58	40
Bromomethane	8.0	U	8.0	2.5	ppb v/v			08/16/25 02:58	40
Chloroethane	20	U	20	6.4	ppb v/v			08/16/25 02:58	40
Bromoethene(Vinyl Bromide)	8.0	U	8.0	1.9	ppb v/v			08/16/25 02:58	40
Trichlorofluoromethane	8.0	U	8.0	3.1	ppb v/v			08/16/25 02:58	40
Freon TF	8.0	U	8.0	2.3	ppb v/v			08/16/25 02:58	40
1,1-Dichloroethene	8.0	U	8.0	1.4	ppb v/v			08/16/25 02:58	40
Acetone	**110**	**J**	200	76	ppb v/v			08/16/25 02:58	40
Isopropyl alcohol	200	U	200	88	ppb v/v			08/16/25 02:58	40
Carbon disulfide	**40**		20	7.2	ppb v/v			08/16/25 02:58	40
3-Chloropropene	20	U	20	3.2	ppb v/v			08/16/25 02:58	40
Methylene Chloride	20	U	20	7.6	ppb v/v			08/16/25 02:58	40
tert-Butyl alcohol	200	U	200	64	ppb v/v			08/16/25 02:58	40
Methyl tert-butyl ether	8.0	U	8.0	2.6	ppb v/v			08/16/25 02:58	40
trans-1,2-Dichloroethene	**6.3**	**J**	8.0	0.80	ppb v/v			08/16/25 02:58	40
n-Hexane	**34**		20	6.4	ppb v/v			08/16/25 02:58	40
1,1-Dichloroethane	8.0	U	8.0	0.72	ppb v/v			08/16/25 02:58	40
Methyl Ethyl Ketone	**8.7**	**J**	20	5.6	ppb v/v			08/16/25 02:58	40
cis-1,2-Dichloroethene	8.0	U	8.0	1.3	ppb v/v			08/16/25 02:58	40
1,2-Dichloroethene, Total	**6.3**	**J**	16	0.80	ppb v/v			08/16/25 02:58	40
Chloroform	**3.0**	**J**	8.0	2.4	ppb v/v			08/16/25 02:58	40
Tetrahydrofuran	200	U	200	68	ppb v/v			08/16/25 02:58	40
1,1,1-Trichloroethane	8.0	U	8.0	2.9	ppb v/v			08/16/25 02:58	40
Cyclohexane	**33**		8.0	2.1	ppb v/v			08/16/25 02:58	40
Carbon tetrachloride	8.0	U	8.0	0.96	ppb v/v			08/16/25 02:58	40
2,2,4-Trimethylpentane	**880**		8.0	2.8	ppb v/v			08/16/25 02:58	40
Benzene	**15**		8.0	2.0	ppb v/v			08/16/25 02:58	40
1,2-Dichloroethane	8.0	U	8.0	3.0	ppb v/v			08/16/25 02:58	40
n-Heptane	**59**		8.0	3.4	ppb v/v			08/16/25 02:58	40
Trichloroethene	8.0	U	8.0	1.2	ppb v/v			08/16/25 02:58	40
Methyl methacrylate	**19**	**J**	20	5.2	ppb v/v			08/16/25 02:58	40
1,2-Dichloropropane	8.0	U	8.0	2.2	ppb v/v			08/16/25 02:58	40
1,4-Dioxane	200	U	200	7.6	ppb v/v			08/16/25 02:58	40
Bromodichloromethane	8.0	U	8.0	2.3	ppb v/v			08/16/25 02:58	40
cis-1,3-Dichloropropene	8.0	U	8.0	2.2	ppb v/v			08/16/25 02:58	40
methyl isobutyl ketone	**34**		20	7.6	ppb v/v			08/16/25 02:58	40
Toluene	**44**		8.0	2.2	ppb v/v			08/16/25 02:58	40
trans-1,3-Dichloropropene	8.0	U	8.0	2.5	ppb v/v			08/16/25 02:58	40
1,1,2-Trichloroethane	8.0	U	8.0	2.1	ppb v/v			08/16/25 02:58	40
Tetrachloroethene	8.0	U	8.0	1.4	ppb v/v			08/16/25 02:58	40
Methyl Butyl Ketone (2-Hexanone)	20	U	20	8.0	ppb v/v			08/16/25 02:58	40
Dibromochloromethane	8.0	U	8.0	2.1	ppb v/v			08/16/25 02:58	40

Client Sample ID: SVE_INF_20250814 **Lab Sample ID: 200-78914-1**
Date Collected: 08/14/25 11:35 **Matrix: Air**
Date Received: 08/15/25 09:40
Sample Time: 695 Min **Sample Container: Tedlar Bag 1L**

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	8.0	U	8.0	1.8	ppb v/v			08/16/25 02:58	40
Chlorobenzene	8.0	U	8.0	1.9	ppb v/v			08/16/25 02:58	40
Ethylbenzene	**7.1**	**J**	8.0	2.0	ppb v/v			08/16/25 02:58	40
m,p-Xylene	**180**		20	0.56	ppb v/v			08/16/25 02:58	40
Xylene, o-	**87**		8.0	2.8	ppb v/v			08/16/25 02:58	40
Xylene (total)	**270**		28	0.56	ppb v/v			08/16/25 02:58	40
Styrene	8.0	U	8.0	2.2	ppb v/v			08/16/25 02:58	40
Bromoform	8.0	U	8.0	2.3	ppb v/v			08/16/25 02:58	40
Cumene	8.0	U	8.0	2.9	ppb v/v			08/16/25 02:58	40
1,1,2,2-Tetrachloroethane	8.0	U	8.0	2.4	ppb v/v			08/16/25 02:58	40
4-Ethyltoluene	**13**		8.0	2.7	ppb v/v			08/16/25 02:58	40
1,3,5-Trimethylbenzene	**42**		8.0	2.7	ppb v/v			08/16/25 02:58	40
2-Chlorotoluene	8.0	U	8.0	2.3	ppb v/v			08/16/25 02:58	40
1,2,4-Trimethylbenzene	**13**		8.0	3.3	ppb v/v			08/16/25 02:58	40
4-Isopropyltoluene	8.0	U	8.0	3.1	ppb v/v			08/16/25 02:58	40
1,3-Dichlorobenzene	8.0	U	8.0	2.5	ppb v/v			08/16/25 02:58	40
1,4-Dichlorobenzene	8.0	U	8.0	2.8	ppb v/v			08/16/25 02:58	40
Benzyl chloride	8.0	U	8.0	3.0	ppb v/v			08/16/25 02:58	40
1,2-Dichlorobenzene	8.0	U	8.0	2.6	ppb v/v			08/16/25 02:58	40
1,2,4-Trichlorobenzene	20	U	20	12	ppb v/v			08/16/25 02:58	40
Hexachlorobutadiene	8.0	U	8.0	3.1	ppb v/v			08/16/25 02:58	40
Naphthalene	20	U	20	4.4	ppb v/v			08/16/25 02:58	40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	99	U	99	44	ug/m3			08/16/25 02:58	40
Freon 22	71	U	71	51	ug/m3			08/16/25 02:58	40
1,2-Dichlorotetrafluoroethane	56	U	56	21	ug/m3			08/16/25 02:58	40
Chloromethane	41	U	41	27	ug/m3			08/16/25 02:58	40
n-Butane	**70**		48	29	ug/m3			08/16/25 02:58	40
Vinyl chloride	20	U	20	3.0	ug/m3			08/16/25 02:58	40
1,3-Butadiene	18	U	18	3.5	ug/m3			08/16/25 02:58	40
Bromomethane	31	U	31	9.6	ug/m3			08/16/25 02:58	40
Chloroethane	53	U	53	17	ug/m3			08/16/25 02:58	40
Bromoethene(Vinyl Bromide)	35	U	35	8.4	ug/m3			08/16/25 02:58	40
Trichlorofluoromethane	45	U	45	17	ug/m3			08/16/25 02:58	40
Freon TF	61	U	61	17	ug/m3			08/16/25 02:58	40
1,1-Dichloroethene	32	U	32	5.6	ug/m3			08/16/25 02:58	40
Acetone	**270**	**J**	480	180	ug/m3			08/16/25 02:58	40
Isopropyl alcohol	490	U	490	220	ug/m3			08/16/25 02:58	40
Carbon disulfide	**120**		62	22	ug/m3			08/16/25 02:58	40
3-Chloropropene	63	U	63	10	ug/m3			08/16/25 02:58	40
Methylene Chloride	69	U	69	26	ug/m3			08/16/25 02:58	40
tert-Butyl alcohol	610	U	610	190	ug/m3			08/16/25 02:58	40
Methyl tert-butyl ether	29	U	29	9.5	ug/m3			08/16/25 02:58	40
trans-1,2-Dichloroethene	**25**	**J**	32	3.2	ug/m3			08/16/25 02:58	40
n-Hexane	**120**		70	23	ug/m3			08/16/25 02:58	40
1,1-Dichloroethane	32	U	32	2.9	ug/m3			08/16/25 02:58	40
Methyl Ethyl Ketone	**26**	**J**	59	17	ug/m3			08/16/25 02:58	40
cis-1,2-Dichloroethene	32	U	32	5.1	ug/m3			08/16/25 02:58	40

Client Sample ID: SVE_INF_20250814 **Lab Sample ID: 200-78914-1**
Date Collected: 08/14/25 11:35 **Matrix: Air**
Date Received: 08/15/25 09:40
Sample Time: 695 Min **Sample Container: Tedlar Bag 1L**

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	**25**	**J**	63	3.2	ug/m3			08/16/25 02:58	40
Chloroform	**15**	**J**	39	12	ug/m3			08/16/25 02:58	40
Tetrahydrofuran	590	U	590	200	ug/m3			08/16/25 02:58	40
1,1,1-Trichloroethane	44	U	44	16	ug/m3			08/16/25 02:58	40
Cyclohexane	**110**		28	7.2	ug/m3			08/16/25 02:58	40
Carbon tetrachloride	50	U	50	6.0	ug/m3			08/16/25 02:58	40
2,2,4-Trimethylpentane	**4100**		37	13	ug/m3			08/16/25 02:58	40
Benzene	**49**		26	6.5	ug/m3			08/16/25 02:58	40
1,2-Dichloroethane	32	U	32	12	ug/m3			08/16/25 02:58	40
n-Heptane	**240**		33	14	ug/m3			08/16/25 02:58	40
Trichloroethene	43	U	43	6.2	ug/m3			08/16/25 02:58	40
Methyl methacrylate	**78**	**J**	82	21	ug/m3			08/16/25 02:58	40
1,2-Dichloropropane	37	U	37	10	ug/m3			08/16/25 02:58	40
1,4-Dioxane	720	U	720	27	ug/m3			08/16/25 02:58	40
Bromodichloromethane	54	U	54	16	ug/m3			08/16/25 02:58	40
cis-1,3-Dichloropropene	36	U	36	10	ug/m3			08/16/25 02:58	40
methyl isobutyl ketone	**140**		82	31	ug/m3			08/16/25 02:58	40
Toluene	**170**		30	8.1	ug/m3			08/16/25 02:58	40
trans-1,3-Dichloropropene	36	U	36	11	ug/m3			08/16/25 02:58	40
1,1,2-Trichloroethane	44	U	44	12	ug/m3			08/16/25 02:58	40
Tetrachloroethene	54	U	54	9.8	ug/m3			08/16/25 02:58	40
Methyl Butyl Ketone (2-Hexanone)	82	U	82	33	ug/m3			08/16/25 02:58	40
Dibromochloromethane	68	U	68	18	ug/m3			08/16/25 02:58	40
1,2-Dibromoethane	61	U	61	14	ug/m3			08/16/25 02:58	40
Chlorobenzene	37	U	37	8.7	ug/m3			08/16/25 02:58	40
Ethylbenzene	**31**	**J**	35	8.9	ug/m3			08/16/25 02:58	40
m,p-Xylene	**760**		87	2.4	ug/m3			08/16/25 02:58	40
Xylene, o-	**380**		35	12	ug/m3			08/16/25 02:58	40
Xylene (total)	**1200**		120	2.4	ug/m3			08/16/25 02:58	40
Styrene	34	U	34	9.5	ug/m3			08/16/25 02:58	40
Bromoform	83	U	83	24	ug/m3			08/16/25 02:58	40
Cumene	39	U	39	14	ug/m3			08/16/25 02:58	40
1,1,2,2-Tetrachloroethane	55	U	55	17	ug/m3			08/16/25 02:58	40
4-Ethyltoluene	**64**		39	13	ug/m3			08/16/25 02:58	40
1,3,5-Trimethylbenzene	**210**		39	13	ug/m3			08/16/25 02:58	40
2-Chlorotoluene	41	U	41	12	ug/m3			08/16/25 02:58	40
1,2,4-Trimethylbenzene	**66**		39	16	ug/m3			08/16/25 02:58	40
4-Isopropyltoluene	44	U	44	17	ug/m3			08/16/25 02:58	40
1,3-Dichlorobenzene	48	U	48	15	ug/m3			08/16/25 02:58	40
1,4-Dichlorobenzene	48	U	48	17	ug/m3			08/16/25 02:58	40
Benzyl chloride	41	U	41	15	ug/m3			08/16/25 02:58	40
1,2-Dichlorobenzene	48	U	48	16	ug/m3			08/16/25 02:58	40
1,2,4-Trichlorobenzene	150	U	150	89	ug/m3			08/16/25 02:58	40
Hexachlorobutadiene	85	U	85	33	ug/m3			08/16/25 02:58	40
Naphthalene	100	U	100	23	ug/m3			08/16/25 02:58	40

Client Sample ID: SVE_EFF_20250814 **Lab Sample ID: 200-78914-2**
Date Collected: 08/14/25 11:45 **Matrix: Air**
Date Received: 08/15/25 09:40
Sample Time: 705 Min **Sample Container: Tedlar Bag 1L**

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	10	U	10	4.4	ppb v/v			08/16/25 03:50	20
Freon 22	10	U	10	7.2	ppb v/v			08/16/25 03:50	20
1,2-Dichlorotetrafluoroethane	4.0	U	4.0	1.5	ppb v/v			08/16/25 03:50	20
Chloromethane	10	U	10	6.6	ppb v/v			08/16/25 03:50	20
n-Butane	**660**		10	6.2	ppb v/v			08/16/25 03:50	20
Vinyl chloride	4.0	U	4.0	0.58	ppb v/v			08/16/25 03:50	20
1,3-Butadiene	4.0	U	4.0	0.80	ppb v/v			08/16/25 03:50	20
Bromomethane	4.0	U	4.0	1.2	ppb v/v			08/16/25 03:50	20
Chloroethane	10	U	10	3.2	ppb v/v			08/16/25 03:50	20
Bromoethene(Vinyl Bromide)	4.0	U	4.0	0.96	ppb v/v			08/16/25 03:50	20
Trichlorofluoromethane	4.0	U	4.0	1.5	ppb v/v			08/16/25 03:50	20
Freon TF	4.0	U	4.0	1.1	ppb v/v			08/16/25 03:50	20
1,1-Dichloroethene	4.0	U	4.0	0.70	ppb v/v			08/16/25 03:50	20
Acetone	100	U	100	38	ppb v/v			08/16/25 03:50	20
Isopropyl alcohol	100	U	100	44	ppb v/v			08/16/25 03:50	20
Carbon disulfide	10	U	10	3.6	ppb v/v			08/16/25 03:50	20
3-Chloropropene	10	U	10	1.6	ppb v/v			08/16/25 03:50	20
Methylene Chloride	10	U	10	3.8	ppb v/v			08/16/25 03:50	20
tert-Butyl alcohol	100	U	100	32	ppb v/v			08/16/25 03:50	20
Methyl tert-butyl ether	4.0	U	4.0	1.3	ppb v/v			08/16/25 03:50	20
trans-1,2-Dichloroethene	**1.8**	**J**	4.0	0.40	ppb v/v			08/16/25 03:50	20
n-Hexane	**5.5**	**J**	10	3.2	ppb v/v			08/16/25 03:50	20
1,1-Dichloroethane	4.0	U	4.0	0.36	ppb v/v			08/16/25 03:50	20
Methyl Ethyl Ketone	10	U	10	2.8	ppb v/v			08/16/25 03:50	20
cis-1,2-Dichloroethene	4.0	U	4.0	0.64	ppb v/v			08/16/25 03:50	20
1,2-Dichloroethene, Total	**1.8**	**J**	8.0	0.40	ppb v/v			08/16/25 03:50	20
Chloroform	4.0	U	4.0	1.2	ppb v/v			08/16/25 03:50	20
Tetrahydrofuran	100	U	100	34	ppb v/v			08/16/25 03:50	20
1,1,1-Trichloroethane	4.0	U	4.0	1.5	ppb v/v			08/16/25 03:50	20
Cyclohexane	**6.2**		4.0	1.0	ppb v/v			08/16/25 03:50	20
Carbon tetrachloride	**0.62**	**J**	4.0	0.48	ppb v/v			08/16/25 03:50	20
2,2,4-Trimethylpentane	**130**		4.0	1.4	ppb v/v			08/16/25 03:50	20
Benzene	**3.5**	**J**	4.0	1.0	ppb v/v			08/16/25 03:50	20
1,2-Dichloroethane	4.0	U	4.0	1.5	ppb v/v			08/16/25 03:50	20
n-Heptane	**11**		4.0	1.7	ppb v/v			08/16/25 03:50	20
Trichloroethene	4.0	U	4.0	0.58	ppb v/v			08/16/25 03:50	20
Methyl methacrylate	10	U	10	2.6	ppb v/v			08/16/25 03:50	20
1,2-Dichloropropane	4.0	U	4.0	1.1	ppb v/v			08/16/25 03:50	20
1,4-Dioxane	100	U	100	3.8	ppb v/v			08/16/25 03:50	20
Bromodichloromethane	4.0	U	4.0	1.2	ppb v/v			08/16/25 03:50	20
cis-1,3-Dichloropropene	4.0	U	4.0	1.1	ppb v/v			08/16/25 03:50	20
methyl isobutyl ketone	10	U	10	3.8	ppb v/v			08/16/25 03:50	20
Toluene	**13**		4.0	1.1	ppb v/v			08/16/25 03:50	20
trans-1,3-Dichloropropene	4.0	U	4.0	1.2	ppb v/v			08/16/25 03:50	20
1,1,2-Trichloroethane	4.0	U	4.0	1.1	ppb v/v			08/16/25 03:50	20
Tetrachloroethene	4.0	U	4.0	0.72	ppb v/v			08/16/25 03:50	20
Methyl Butyl Ketone (2-Hexanone)	10	U	10	4.0	ppb v/v			08/16/25 03:50	20
Dibromochloromethane	4.0	U	4.0	1.1	ppb v/v			08/16/25 03:50	20

Client Sample ID: SVE_EFF_20250814 **Lab Sample ID: 200-78914-2**
Date Collected: 08/14/25 11:45 **Matrix: Air**
Date Received: 08/15/25 09:40
Sample Time: 705 Min **Sample Container: Tedlar Bag 1L**

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	4.0	U	4.0	0.90	ppb v/v			08/16/25 03:50	20
Chlorobenzene	4.0	U	4.0	0.94	ppb v/v			08/16/25 03:50	20
Ethylbenzene	**2.1**	**J**	4.0	1.0	ppb v/v			08/16/25 03:50	20
m,p-Xylene	**65**		10	0.28	ppb v/v			08/16/25 03:50	20
Xylene, o-	**34**		4.0	1.4	ppb v/v			08/16/25 03:50	20
Xylene (total)	**99**		14	0.28	ppb v/v			08/16/25 03:50	20
Styrene	4.0	U	4.0	1.1	ppb v/v			08/16/25 03:50	20
Bromoform	4.0	U	4.0	1.2	ppb v/v			08/16/25 03:50	20
Cumene	4.0	U	4.0	1.4	ppb v/v			08/16/25 03:50	20
1,1,2,2-Tetrachloroethane	4.0	U	4.0	1.2	ppb v/v			08/16/25 03:50	20
4-Ethyltoluene	**7.6**		4.0	1.4	ppb v/v			08/16/25 03:50	20
1,3,5-Trimethylbenzene	**25**		4.0	1.4	ppb v/v			08/16/25 03:50	20
2-Chlorotoluene	4.0	U	4.0	1.2	ppb v/v			08/16/25 03:50	20
1,2,4-Trimethylbenzene	**10**		4.0	1.6	ppb v/v			08/16/25 03:50	20
4-Isopropyltoluene	4.0	U	4.0	1.6	ppb v/v			08/16/25 03:50	20
1,3-Dichlorobenzene	4.0	U	4.0	1.3	ppb v/v			08/16/25 03:50	20
1,4-Dichlorobenzene	4.0	U	4.0	1.4	ppb v/v			08/16/25 03:50	20
Benzyl chloride	4.0	U	4.0	1.5	ppb v/v			08/16/25 03:50	20
1,2-Dichlorobenzene	4.0	U	4.0	1.3	ppb v/v			08/16/25 03:50	20
1,2,4-Trichlorobenzene	10	U	10	6.0	ppb v/v			08/16/25 03:50	20
Hexachlorobutadiene	4.0	U	4.0	1.6	ppb v/v			08/16/25 03:50	20
Naphthalene	10	U	10	2.2	ppb v/v			08/16/25 03:50	20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	49	U	49	22	ug/m3			08/16/25 03:50	20
Freon 22	35	U	35	25	ug/m3			08/16/25 03:50	20
1,2-Dichlorotetrafluoroethane	28	U	28	11	ug/m3			08/16/25 03:50	20
Chloromethane	21	U	21	14	ug/m3			08/16/25 03:50	20
n-Butane	**1600**		24	15	ug/m3			08/16/25 03:50	20
Vinyl chloride	10	U	10	1.5	ug/m3			08/16/25 03:50	20
1,3-Butadiene	8.8	U	8.8	1.8	ug/m3			08/16/25 03:50	20
Bromomethane	16	U	16	4.8	ug/m3			08/16/25 03:50	20
Chloroethane	26	U	26	8.4	ug/m3			08/16/25 03:50	20
Bromoethene(Vinyl Bromide)	17	U	17	4.2	ug/m3			08/16/25 03:50	20
Trichlorofluoromethane	22	U	22	8.7	ug/m3			08/16/25 03:50	20
Freon TF	31	U	31	8.7	ug/m3			08/16/25 03:50	20
1,1-Dichloroethene	16	U	16	2.8	ug/m3			08/16/25 03:50	20
Acetone	240	U	240	90	ug/m3			08/16/25 03:50	20
Isopropyl alcohol	250	U	250	110	ug/m3			08/16/25 03:50	20
Carbon disulfide	31	U	31	11	ug/m3			08/16/25 03:50	20
3-Chloropropene	31	U	31	5.1	ug/m3			08/16/25 03:50	20
Methylene Chloride	35	U	35	13	ug/m3			08/16/25 03:50	20
tert-Butyl alcohol	300	U	300	97	ug/m3			08/16/25 03:50	20
Methyl tert-butyl ether	14	U	14	4.8	ug/m3			08/16/25 03:50	20
trans-1,2-Dichloroethene	**7.0**	**J**	16	1.6	ug/m3			08/16/25 03:50	20
n-Hexane	**19**	**J**	35	11	ug/m3			08/16/25 03:50	20
1,1-Dichloroethane	16	U	16	1.5	ug/m3			08/16/25 03:50	20
Methyl Ethyl Ketone	29	U	29	8.3	ug/m3			08/16/25 03:50	20
cis-1,2-Dichloroethene	16	U	16	2.5	ug/m3			08/16/25 03:50	20

Client Sample ID: SVE_EFF_20250814 **Lab Sample ID: 200-78914-2**
Date Collected: 08/14/25 11:45 **Matrix: Air**
Date Received: 08/15/25 09:40
Sample Time: 705 Min **Sample Container: Tedlar Bag 1L**

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	**7.1**	**J**	32	1.6	ug/m3			08/16/25 03:50	20
Chloroform	20	U	20	5.8	ug/m3			08/16/25 03:50	20
Tetrahydrofuran	290	U	290	100	ug/m3			08/16/25 03:50	20
1,1,1-Trichloroethane	22	U	22	8.0	ug/m3			08/16/25 03:50	20
Cyclohexane	**21**		14	3.6	ug/m3			08/16/25 03:50	20
Carbon tetrachloride	**3.9**	**J**	25	3.0	ug/m3			08/16/25 03:50	20
2,2,4-Trimethylpentane	**630**		19	6.6	ug/m3			08/16/25 03:50	20
Benzene	**11**	**J**	13	3.3	ug/m3			08/16/25 03:50	20
1,2-Dichloroethane	16	U	16	6.0	ug/m3			08/16/25 03:50	20
n-Heptane	**46**		16	7.0	ug/m3			08/16/25 03:50	20
Trichloroethene	21	U	21	3.1	ug/m3			08/16/25 03:50	20
Methyl methacrylate	41	U	41	11	ug/m3			08/16/25 03:50	20
1,2-Dichloropropane	18	U	18	5.1	ug/m3			08/16/25 03:50	20
1,4-Dioxane	360	U	360	14	ug/m3			08/16/25 03:50	20
Bromodichloromethane	27	U	27	7.8	ug/m3			08/16/25 03:50	20
cis-1,3-Dichloropropene	18	U	18	5.1	ug/m3			08/16/25 03:50	20
methyl isobutyl ketone	41	U	41	16	ug/m3			08/16/25 03:50	20
Toluene	**51**		15	4.1	ug/m3			08/16/25 03:50	20
trans-1,3-Dichloropropene	18	U	18	5.6	ug/m3			08/16/25 03:50	20
1,1,2-Trichloroethane	22	U	22	5.8	ug/m3			08/16/25 03:50	20
Tetrachloroethene	27	U	27	4.9	ug/m3			08/16/25 03:50	20
Methyl Butyl Ketone (2-Hexanone)	41	U	41	16	ug/m3			08/16/25 03:50	20
Dibromochloromethane	34	U	34	9.0	ug/m3			08/16/25 03:50	20
1,2-Dibromoethane	31	U	31	6.9	ug/m3			08/16/25 03:50	20
Chlorobenzene	18	U	18	4.3	ug/m3			08/16/25 03:50	20
Ethylbenzene	**9.3**	**J**	17	4.4	ug/m3			08/16/25 03:50	20
m,p-Xylene	**280**		43	1.2	ug/m3			08/16/25 03:50	20
Xylene, o-	**150**		17	6.0	ug/m3			08/16/25 03:50	20
Xylene (total)	**430**		61	1.2	ug/m3			08/16/25 03:50	20
Styrene	17	U	17	4.8	ug/m3			08/16/25 03:50	20
Bromoform	41	U	41	12	ug/m3			08/16/25 03:50	20
Cumene	20	U	20	7.1	ug/m3			08/16/25 03:50	20
1,1,2,2-Tetrachloroethane	27	U	27	8.4	ug/m3			08/16/25 03:50	20
4-Ethyltoluene	**37**		20	6.7	ug/m3			08/16/25 03:50	20
1,3,5-Trimethylbenzene	**120**		20	6.7	ug/m3			08/16/25 03:50	20
2-Chlorotoluene	21	U	21	6.0	ug/m3			08/16/25 03:50	20
1,2,4-Trimethylbenzene	**50**		20	8.1	ug/m3			08/16/25 03:50	20
4-Isopropyltoluene	22	U	22	8.6	ug/m3			08/16/25 03:50	20
1,3-Dichlorobenzene	24	U	24	7.6	ug/m3			08/16/25 03:50	20
1,4-Dichlorobenzene	24	U	24	8.4	ug/m3			08/16/25 03:50	20
Benzyl chloride	21	U	21	7.7	ug/m3			08/16/25 03:50	20
1,2-Dichlorobenzene	24	U	24	7.9	ug/m3			08/16/25 03:50	20
1,2,4-Trichlorobenzene	74	U	74	45	ug/m3			08/16/25 03:50	20
Hexachlorobutadiene	43	U	43	17	ug/m3			08/16/25 03:50	20
Naphthalene	52	U	52	12	ug/m3			08/16/25 03:50	20

Client Sample ID: SSDS_INF_20250814 **Lab Sample ID: 200-78914-3**
Date Collected: 08/14/25 12:00 **Matrix: Air**
Date Received: 08/15/25 09:40
Sample Time: 720 Min **Sample Container: Tedlar Bag 1L**

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	1.1	ppb v/v			08/16/25 04:41	5
Freon 22	2.5	U	2.5	1.8	ppb v/v			08/16/25 04:41	5
1,2-Dichlorotetrafluoroethane	1.0	U	1.0	0.38	ppb v/v			08/16/25 04:41	5
Chloromethane	2.5	U	2.5	1.7	ppb v/v			08/16/25 04:41	5
n-Butane	**8.3**		2.5	1.6	ppb v/v			08/16/25 04:41	5
Vinyl chloride	1.0	U	1.0	0.15	ppb v/v			08/16/25 04:41	5
1,3-Butadiene	1.0	U	1.0	0.20	ppb v/v			08/16/25 04:41	5
Bromomethane	1.0	U	1.0	0.31	ppb v/v			08/16/25 04:41	5
Chloroethane	2.5	U	2.5	0.80	ppb v/v			08/16/25 04:41	5
Bromoethene(Vinyl Bromide)	1.0	U	1.0	0.24	ppb v/v			08/16/25 04:41	5
Trichlorofluoromethane	1.0	U	1.0	0.39	ppb v/v			08/16/25 04:41	5
Freon TF	1.0	U	1.0	0.29	ppb v/v			08/16/25 04:41	5
1,1-Dichloroethene	1.0	U	1.0	0.18	ppb v/v			08/16/25 04:41	5
Acetone	**15**	**J**	25	9.5	ppb v/v			08/16/25 04:41	5
Isopropyl alcohol	25	U	25	11	ppb v/v			08/16/25 04:41	5
Carbon disulfide	2.5	U	2.5	0.90	ppb v/v			08/16/25 04:41	5
3-Chloropropene	2.5	U	2.5	0.41	ppb v/v			08/16/25 04:41	5
Methylene Chloride	2.5	U	2.5	0.95	ppb v/v			08/16/25 04:41	5
tert-Butyl alcohol	25	U	25	8.0	ppb v/v			08/16/25 04:41	5
Methyl tert-butyl ether	1.0	U	1.0	0.33	ppb v/v			08/16/25 04:41	5
trans-1,2-Dichloroethene	**3.5**		1.0	0.10	ppb v/v			08/16/25 04:41	5
n-Hexane	**9.9**		2.5	0.80	ppb v/v			08/16/25 04:41	5
1,1-Dichloroethane	1.0	U	1.0	0.090	ppb v/v			08/16/25 04:41	5
Methyl Ethyl Ketone	**3.1**		2.5	0.70	ppb v/v			08/16/25 04:41	5
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ppb v/v			08/16/25 04:41	5
1,2-Dichloroethene, Total	**3.5**		2.0	0.10	ppb v/v			08/16/25 04:41	5
Chloroform	**1.7**		1.0	0.30	ppb v/v			08/16/25 04:41	5
Tetrahydrofuran	25	U	25	8.5	ppb v/v			08/16/25 04:41	5
1,1,1-Trichloroethane	1.0	U	1.0	0.37	ppb v/v			08/16/25 04:41	5
Cyclohexane	**11**		1.0	0.26	ppb v/v			08/16/25 04:41	5
Carbon tetrachloride	1.0	U	1.0	0.12	ppb v/v			08/16/25 04:41	5
2,2,4-Trimethylpentane	**230**	**E**	1.0	0.36	ppb v/v			08/16/25 04:41	5
Benzene	**6.1**		1.0	0.26	ppb v/v			08/16/25 04:41	5
1,2-Dichloroethane	1.0	U	1.0	0.37	ppb v/v			08/16/25 04:41	5
n-Heptane	**21**		1.0	0.43	ppb v/v			08/16/25 04:41	5
Trichloroethene	**0.16**	**J**	1.0	0.15	ppb v/v			08/16/25 04:41	5
Methyl methacrylate	2.5	U	2.5	0.65	ppb v/v			08/16/25 04:41	5
1,2-Dichloropropane	**0.73**	**J**	1.0	0.28	ppb v/v			08/16/25 04:41	5
1,4-Dioxane	25	U	25	0.95	ppb v/v			08/16/25 04:41	5
Bromodichloromethane	1.0	U	1.0	0.29	ppb v/v			08/16/25 04:41	5
cis-1,3-Dichloropropene	1.0	U	1.0	0.28	ppb v/v			08/16/25 04:41	5
methyl isobutyl ketone	2.5	U	2.5	0.95	ppb v/v			08/16/25 04:41	5
Toluene	**22**		1.0	0.27	ppb v/v			08/16/25 04:41	5
trans-1,3-Dichloropropene	1.0	U	1.0	0.31	ppb v/v			08/16/25 04:41	5
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ppb v/v			08/16/25 04:41	5
Tetrachloroethene	**0.38**	**J**	1.0	0.18	ppb v/v			08/16/25 04:41	5
Methyl Butyl Ketone (2-Hexanone)	2.5	U	2.5	1.0	ppb v/v			08/16/25 04:41	5
Dibromochloromethane	1.0	U	1.0	0.27	ppb v/v			08/16/25 04:41	5

Client Sample ID: SSDS_INF_20250814 **Lab Sample ID: 200-78914-3**
Date Collected: 08/14/25 12:00 **Matrix: Air**
Date Received: 08/15/25 09:40
Sample Time: 720 Min **Sample Container: Tedlar Bag 1L**

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	1.0	U	1.0	0.23	ppb v/v			08/16/25 04:41	5
Chlorobenzene	**0.37**	**J**	1.0	0.24	ppb v/v			08/16/25 04:41	5
Ethylbenzene	**3.5**		1.0	0.26	ppb v/v			08/16/25 04:41	5
m,p-Xylene	**100**		2.5	0.070	ppb v/v			08/16/25 04:41	5
Xylene, o-	**51**		1.0	0.35	ppb v/v			08/16/25 04:41	5
Xylene (total)	**150**		3.5	0.070	ppb v/v			08/16/25 04:41	5
Styrene	1.0	U	1.0	0.28	ppb v/v			08/16/25 04:41	5
Bromoform	1.0	U	1.0	0.29	ppb v/v			08/16/25 04:41	5
Cumene	**0.90**	**J**	1.0	0.36	ppb v/v			08/16/25 04:41	5
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.31	ppb v/v			08/16/25 04:41	5
4-Ethyltoluene	**11**		1.0	0.34	ppb v/v			08/16/25 04:41	5
1,3,5-Trimethylbenzene	**36**		1.0	0.34	ppb v/v			08/16/25 04:41	5
2-Chlorotoluene	1.0	U	1.0	0.29	ppb v/v			08/16/25 04:41	5
1,2,4-Trimethylbenzene	**14**		1.0	0.41	ppb v/v			08/16/25 04:41	5
4-Isopropyltoluene	**1.3**		1.0	0.39	ppb v/v			08/16/25 04:41	5
1,3-Dichlorobenzene	1.0	U	1.0	0.32	ppb v/v			08/16/25 04:41	5
1,4-Dichlorobenzene	1.0	U	1.0	0.35	ppb v/v			08/16/25 04:41	5
Benzyl chloride	1.0	U	1.0	0.37	ppb v/v			08/16/25 04:41	5
1,2-Dichlorobenzene	1.0	U	1.0	0.33	ppb v/v			08/16/25 04:41	5
1,2,4-Trichlorobenzene	2.5	U	2.5	1.5	ppb v/v			08/16/25 04:41	5
Hexachlorobutadiene	1.0	U	1.0	0.39	ppb v/v			08/16/25 04:41	5
Naphthalene	2.5	U	2.5	0.55	ppb v/v			08/16/25 04:41	5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	12	U	12	5.4	ug/m3			08/16/25 04:41	5
Freon 22	8.8	U	8.8	6.4	ug/m3			08/16/25 04:41	5
1,2-Dichlorotetrafluoroethane	7.0	U	7.0	2.7	ug/m3			08/16/25 04:41	5
Chloromethane	5.2	U	5.2	3.4	ug/m3			08/16/25 04:41	5
n-Butane	**20**		5.9	3.7	ug/m3			08/16/25 04:41	5
Vinyl chloride	2.6	U	2.6	0.37	ug/m3			08/16/25 04:41	5
1,3-Butadiene	2.2	U	2.2	0.44	ug/m3			08/16/25 04:41	5
Bromomethane	3.9	U	3.9	1.2	ug/m3			08/16/25 04:41	5
Chloroethane	6.6	U	6.6	2.1	ug/m3			08/16/25 04:41	5
Bromoethene(Vinyl Bromide)	4.4	U	4.4	1.0	ug/m3			08/16/25 04:41	5
Trichlorofluoromethane	5.6	U	5.6	2.2	ug/m3			08/16/25 04:41	5
Freon TF	7.7	U	7.7	2.2	ug/m3			08/16/25 04:41	5
1,1-Dichloroethene	4.0	U	4.0	0.69	ug/m3			08/16/25 04:41	5
Acetone	**36**	**J**	59	23	ug/m3			08/16/25 04:41	5
Isopropyl alcohol	61	U	61	27	ug/m3			08/16/25 04:41	5
Carbon disulfide	7.8	U	7.8	2.8	ug/m3			08/16/25 04:41	5
3-Chloropropene	7.8	U	7.8	1.3	ug/m3			08/16/25 04:41	5
Methylene Chloride	8.7	U	8.7	3.3	ug/m3			08/16/25 04:41	5
tert-Butyl alcohol	76	U	76	24	ug/m3			08/16/25 04:41	5
Methyl tert-butyl ether	3.6	U	3.6	1.2	ug/m3			08/16/25 04:41	5
trans-1,2-Dichloroethene	**14**		4.0	0.40	ug/m3			08/16/25 04:41	5
n-Hexane	**35**		8.8	2.8	ug/m3			08/16/25 04:41	5
1,1-Dichloroethane	4.0	U	4.0	0.36	ug/m3			08/16/25 04:41	5
Methyl Ethyl Ketone	**9.0**		7.4	2.1	ug/m3			08/16/25 04:41	5
cis-1,2-Dichloroethene	4.0	U	4.0	0.63	ug/m3			08/16/25 04:41	5

Client Sample ID: SSDS_INF_20250814 **Lab Sample ID: 200-78914-3**
Date Collected: 08/14/25 12:00 **Matrix: Air**
Date Received: 08/15/25 09:40
Sample Time: 720 Min **Sample Container: Tedlar Bag 1L**

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	**14**		7.9	0.40	ug/m3			08/16/25 04:41	5
Chloroform	**8.4**		4.9	1.4	ug/m3			08/16/25 04:41	5
Tetrahydrofuran	74	U	74	25	ug/m3			08/16/25 04:41	5
1,1,1-Trichloroethane	5.5	U	5.5	2.0	ug/m3			08/16/25 04:41	5
Cyclohexane	**38**		3.4	0.89	ug/m3			08/16/25 04:41	5
Carbon tetrachloride	6.3	U	6.3	0.75	ug/m3			08/16/25 04:41	5
2,2,4-Trimethylpentane	**1100**	**E**	4.7	1.7	ug/m3			08/16/25 04:41	5
Benzene	**19**		3.2	0.81	ug/m3			08/16/25 04:41	5
1,2-Dichloroethane	4.0	U	4.0	1.5	ug/m3			08/16/25 04:41	5
n-Heptane	**87**		4.1	1.8	ug/m3			08/16/25 04:41	5
Trichloroethene	**0.86**	**J**	5.4	0.78	ug/m3			08/16/25 04:41	5
Methyl methacrylate	10	U	10	2.7	ug/m3			08/16/25 04:41	5
1,2-Dichloropropane	**3.4**	**J**	4.6	1.3	ug/m3			08/16/25 04:41	5
1,4-Dioxane	90	U	90	3.4	ug/m3			08/16/25 04:41	5
Bromodichloromethane	6.7	U	6.7	1.9	ug/m3			08/16/25 04:41	5
cis-1,3-Dichloropropene	4.5	U	4.5	1.3	ug/m3			08/16/25 04:41	5
methyl isobutyl ketone	10	U	10	3.9	ug/m3			08/16/25 04:41	5
Toluene	**84**		3.8	1.0	ug/m3			08/16/25 04:41	5
trans-1,3-Dichloropropene	4.5	U	4.5	1.4	ug/m3			08/16/25 04:41	5
1,1,2-Trichloroethane	5.5	U	5.5	1.4	ug/m3			08/16/25 04:41	5
Tetrachloroethene	**2.6**	**J**	6.8	1.2	ug/m3			08/16/25 04:41	5
Methyl Butyl Ketone (2-Hexanone)	10	U	10	4.1	ug/m3			08/16/25 04:41	5
Dibromochloromethane	8.5	U	8.5	2.3	ug/m3			08/16/25 04:41	5
1,2-Dibromoethane	7.7	U	7.7	1.7	ug/m3			08/16/25 04:41	5
Chlorobenzene	**1.7**	**J**	4.6	1.1	ug/m3			08/16/25 04:41	5
Ethylbenzene	**15**		4.3	1.1	ug/m3			08/16/25 04:41	5
m,p-Xylene	**440**		11	0.30	ug/m3			08/16/25 04:41	5
Xylene, o-	**220**		4.3	1.5	ug/m3			08/16/25 04:41	5
Xylene (total)	**660**		15	0.30	ug/m3			08/16/25 04:41	5
Styrene	4.3	U	4.3	1.2	ug/m3			08/16/25 04:41	5
Bromoform	10	U	10	3.0	ug/m3			08/16/25 04:41	5
Cumene	**4.4**	**J**	4.9	1.8	ug/m3			08/16/25 04:41	5
1,1,2,2-Tetrachloroethane	6.9	U	6.9	2.1	ug/m3			08/16/25 04:41	5
4-Ethyltoluene	**56**		4.9	1.7	ug/m3			08/16/25 04:41	5
1,3,5-Trimethylbenzene	**180**		4.9	1.7	ug/m3			08/16/25 04:41	5
2-Chlorotoluene	5.2	U	5.2	1.5	ug/m3			08/16/25 04:41	5
1,2,4-Trimethylbenzene	**71**		4.9	2.0	ug/m3			08/16/25 04:41	5
4-Isopropyltoluene	**7.0**		5.5	2.1	ug/m3			08/16/25 04:41	5
1,3-Dichlorobenzene	6.0	U	6.0	1.9	ug/m3			08/16/25 04:41	5
1,4-Dichlorobenzene	6.0	U	6.0	2.1	ug/m3			08/16/25 04:41	5
Benzyl chloride	5.2	U	5.2	1.9	ug/m3			08/16/25 04:41	5
1,2-Dichlorobenzene	6.0	U	6.0	2.0	ug/m3			08/16/25 04:41	5
1,2,4-Trichlorobenzene	19	U	19	11	ug/m3			08/16/25 04:41	5
Hexachlorobutadiene	11	U	11	4.2	ug/m3			08/16/25 04:41	5
Naphthalene	13	U	13	2.9	ug/m3			08/16/25 04:41	5

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U H	5.0	2.2	ppb v/v			08/18/25 12:20	10

Client Sample ID: SSDS_INF_20250814 **Lab Sample ID: 200-78914-3**
Date Collected: 08/14/25 12:00 **Matrix: Air**
Date Received: 08/15/25 09:40
Sample Time: 720 Min **Sample Container: Tedlar Bag 1L**

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Freon 22	5.0	U H	5.0	3.6	ppb v/v			08/18/25 12:20	10
1,2-Dichlorotetrafluoroethane	2.0	U H	2.0	0.76	ppb v/v			08/18/25 12:20	10
Chloromethane	5.0	U H	5.0	3.3	ppb v/v			08/18/25 12:20	10
n-Butane	**27**	**H D**	5.0	3.1	ppb v/v			08/18/25 12:20	10
Vinyl chloride	2.0	U H	2.0	0.29	ppb v/v			08/18/25 12:20	10
1,3-Butadiene	2.0	U H	2.0	0.40	ppb v/v			08/18/25 12:20	10
Bromomethane	2.0	U H	2.0	0.62	ppb v/v			08/18/25 12:20	10
Chloroethane	5.0	U H	5.0	1.6	ppb v/v			08/18/25 12:20	10
Bromoethene(Vinyl Bromide)	2.0	U H	2.0	0.48	ppb v/v			08/18/25 12:20	10
Trichlorofluoromethane	2.0	U H	2.0	0.77	ppb v/v			08/18/25 12:20	10
Freon TF	2.0	U H	2.0	0.57	ppb v/v			08/18/25 12:20	10
1,1-Dichloroethene	2.0	U H	2.0	0.35	ppb v/v			08/18/25 12:20	10
Acetone	50	U H	50	19	ppb v/v			08/18/25 12:20	10
Isopropyl alcohol	50	U H	50	22	ppb v/v			08/18/25 12:20	10
Carbon disulfide	5.0	U H	5.0	1.8	ppb v/v			08/18/25 12:20	10
3-Chloropropene	5.0	U H	5.0	0.81	ppb v/v			08/18/25 12:20	10
Methylene Chloride	5.0	U H	5.0	1.9	ppb v/v			08/18/25 12:20	10
tert-Butyl alcohol	50	U H	50	16	ppb v/v			08/18/25 12:20	10
Methyl tert-butyl ether	2.0	U H	2.0	0.66	ppb v/v			08/18/25 12:20	10
trans-1,2-Dichloroethene	**4.1**	**H D**	2.0	0.20	ppb v/v			08/18/25 12:20	10
n-Hexane	**11**	**H D**	5.0	1.6	ppb v/v			08/18/25 12:20	10
1,1-Dichloroethane	2.0	U H	2.0	0.18	ppb v/v			08/18/25 12:20	10
Methyl Ethyl Ketone	**1.8**	**J H D**	5.0	1.4	ppb v/v			08/18/25 12:20	10
cis-1,2-Dichloroethene	2.0	U H	2.0	0.32	ppb v/v			08/18/25 12:20	10
1,2-Dichloroethene, Total	**4.1**	**H D**	4.0	0.20	ppb v/v			08/18/25 12:20	10
Chloroform	**1.4**	**J H D**	2.0	0.59	ppb v/v			08/18/25 12:20	10
Tetrahydrofuran	50	U H	50	17	ppb v/v			08/18/25 12:20	10
1,1,1-Trichloroethane	2.0	U H	2.0	0.73	ppb v/v			08/18/25 12:20	10
Cyclohexane	**13**	**H D**	2.0	0.52	ppb v/v			08/18/25 12:20	10
Carbon tetrachloride	2.0	U H	2.0	0.24	ppb v/v			08/18/25 12:20	10
2,2,4-Trimethylpentane	**270**	**H D**	2.0	0.71	ppb v/v			08/18/25 12:20	10
Benzene	**8.8**	**H D**	2.0	0.51	ppb v/v			08/18/25 12:20	10
1,2-Dichloroethane	2.0	U H	2.0	0.74	ppb v/v			08/18/25 12:20	10
n-Heptane	**25**	**H D**	2.0	0.86	ppb v/v			08/18/25 12:20	10
Trichloroethene	2.0	U H	2.0	0.29	ppb v/v			08/18/25 12:20	10
Methyl methacrylate	5.0	U H	5.0	1.3	ppb v/v			08/18/25 12:20	10
1,2-Dichloropropane	**2.2**	**H D**	2.0	0.55	ppb v/v			08/18/25 12:20	10
1,4-Dioxane	50	U H	50	1.9	ppb v/v			08/18/25 12:20	10
Bromodichloromethane	2.0	U H	2.0	0.58	ppb v/v			08/18/25 12:20	10
cis-1,3-Dichloropropene	2.0	U H	2.0	0.56	ppb v/v			08/18/25 12:20	10
methyl isobutyl ketone	5.0	U H	5.0	1.9	ppb v/v			08/18/25 12:20	10
Toluene	**21**	**H D**	2.0	0.54	ppb v/v			08/18/25 12:20	10
trans-1,3-Dichloropropene	2.0	U H	2.0	0.62	ppb v/v			08/18/25 12:20	10
1,1,2-Trichloroethane	2.0	U H	2.0	0.53	ppb v/v			08/18/25 12:20	10
Tetrachloroethene	**0.42**	**J H D**	2.0	0.36	ppb v/v			08/18/25 12:20	10
Methyl Butyl Ketone (2-Hexanone)	5.0	U H	5.0	2.0	ppb v/v			08/18/25 12:20	10
Dibromochloromethane	2.0	U H	2.0	0.53	ppb v/v			08/18/25 12:20	10
1,2-Dibromoethane	2.0	U H	2.0	0.45	ppb v/v			08/18/25 12:20	10

Client Sample ID: SSDS_INF_20250814 **Lab Sample ID: 200-78914-3**
Date Collected: 08/14/25 12:00 **Matrix: Air**
Date Received: 08/15/25 09:40
Sample Time: 720 Min **Sample Container: Tedlar Bag 1L**

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	**0.49**	**J H D**	2.0	0.47	ppb v/v			08/18/25 12:20	10
Ethylbenzene	**3.0**	**H D**	2.0	0.51	ppb v/v			08/18/25 12:20	10
m,p-Xylene	**80**	**H D**	5.0	0.14	ppb v/v			08/18/25 12:20	10
Xylene, o-	**40**	**H D**	2.0	0.69	ppb v/v			08/18/25 12:20	10
Xylene (total)	**120**	**H D**	7.0	0.14	ppb v/v			08/18/25 12:20	10
Styrene	2.0	U H	2.0	0.56	ppb v/v			08/18/25 12:20	10
Bromoform	2.0	U H	2.0	0.58	ppb v/v			08/18/25 12:20	10
Cumene	**0.83**	**J H D**	2.0	0.72	ppb v/v			08/18/25 12:20	10
1,1,2,2-Tetrachloroethane	2.0	U H	2.0	0.61	ppb v/v			08/18/25 12:20	10
4-Ethyltoluene	**7.4**	**H D**	2.0	0.68	ppb v/v			08/18/25 12:20	10
1,3,5-Trimethylbenzene	**24**	**H D**	2.0	0.68	ppb v/v			08/18/25 12:20	10
2-Chlorotoluene	2.0	U H	2.0	0.58	ppb v/v			08/18/25 12:20	10
1,2,4-Trimethylbenzene	**8.5**	**H D**	2.0	0.82	ppb v/v			08/18/25 12:20	10
4-Isopropyltoluene	**0.88**	**J H D**	2.0	0.78	ppb v/v			08/18/25 12:20	10
1,3-Dichlorobenzene	2.0	U H	2.0	0.63	ppb v/v			08/18/25 12:20	10
1,4-Dichlorobenzene	2.0	U H	2.0	0.70	ppb v/v			08/18/25 12:20	10
Benzyl chloride	2.0	U H	2.0	0.74	ppb v/v			08/18/25 12:20	10
1,2-Dichlorobenzene	2.0	U H	2.0	0.66	ppb v/v			08/18/25 12:20	10
1,2,4-Trichlorobenzene	5.0	U H	5.0	3.0	ppb v/v			08/18/25 12:20	10
Hexachlorobutadiene	2.0	U H	2.0	0.78	ppb v/v			08/18/25 12:20	10
Naphthalene	**1.5**	**J H D**	5.0	1.1	ppb v/v			08/18/25 12:20	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	25	U H	25	11	ug/m3			08/18/25 12:20	10
Freon 22	18	U H	18	13	ug/m3			08/18/25 12:20	10
1,2-Dichlorotetrafluoroethane	14	U H	14	5.3	ug/m3			08/18/25 12:20	10
Chloromethane	10	U H	10	6.8	ug/m3			08/18/25 12:20	10
n-Butane	**64**	**H D**	12	7.4	ug/m3			08/18/25 12:20	10
Vinyl chloride	5.1	U H	5.1	0.74	ug/m3			08/18/25 12:20	10
1,3-Butadiene	4.4	U H	4.4	0.88	ug/m3			08/18/25 12:20	10
Bromomethane	7.8	U H	7.8	2.4	ug/m3			08/18/25 12:20	10
Chloroethane	13	U H	13	4.2	ug/m3			08/18/25 12:20	10
Bromoethene(Vinyl Bromide)	8.7	U H	8.7	2.1	ug/m3			08/18/25 12:20	10
Trichlorofluoromethane	11	U H	11	4.3	ug/m3			08/18/25 12:20	10
Freon TF	15	U H	15	4.4	ug/m3			08/18/25 12:20	10
1,1-Dichloroethene	7.9	U H	7.9	1.4	ug/m3			08/18/25 12:20	10
Acetone	120	U H	120	45	ug/m3			08/18/25 12:20	10
Isopropyl alcohol	120	U H	120	54	ug/m3			08/18/25 12:20	10
Carbon disulfide	16	U H	16	5.6	ug/m3			08/18/25 12:20	10
3-Chloropropene	16	U H	16	2.5	ug/m3			08/18/25 12:20	10
Methylene Chloride	17	U H	17	6.6	ug/m3			08/18/25 12:20	10
tert-Butyl alcohol	150	U H	150	49	ug/m3			08/18/25 12:20	10
Methyl tert-butyl ether	7.2	U H	7.2	2.4	ug/m3			08/18/25 12:20	10
trans-1,2-Dichloroethene	**16**	**H D**	7.9	0.79	ug/m3			08/18/25 12:20	10
n-Hexane	**40**	**H D**	18	5.6	ug/m3			08/18/25 12:20	10
1,1-Dichloroethane	8.1	U H	8.1	0.73	ug/m3			08/18/25 12:20	10
Methyl Ethyl Ketone	**5.2**	**J H D**	15	4.1	ug/m3			08/18/25 12:20	10
cis-1,2-Dichloroethene	7.9	U H	7.9	1.3	ug/m3			08/18/25 12:20	10
1,2-Dichloroethene, Total	**16**	**H D**	16	0.79	ug/m3			08/18/25 12:20	10

Client Sample ID: SSDS_INF_20250814 **Lab Sample ID: 200-78914-3**
Date Collected: 08/14/25 12:00 **Matrix: Air**
Date Received: 08/15/25 09:40
Sample Time: 720 Min **Sample Container: Tedlar Bag 1L**

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	**6.8**	**J H D**	9.8	2.9	ug/m3			08/18/25 12:20	10
Tetrahydrofuran	150	U H	150	50	ug/m3			08/18/25 12:20	10
1,1,1-Trichloroethane	11	U H	11	4.0	ug/m3			08/18/25 12:20	10
Cyclohexane	**44**	**H D**	6.9	1.8	ug/m3			08/18/25 12:20	10
Carbon tetrachloride	13	U H	13	1.5	ug/m3			08/18/25 12:20	10
2,2,4-Trimethylpentane	**1300**	**H D**	9.3	3.3	ug/m3			08/18/25 12:20	10
Benzene	**28**	**H D**	6.4	1.6	ug/m3			08/18/25 12:20	10
1,2-Dichloroethane	8.1	U H	8.1	3.0	ug/m3			08/18/25 12:20	10
n-Heptane	**100**	**H D**	8.2	3.5	ug/m3			08/18/25 12:20	10
Trichloroethene	11	U H	11	1.6	ug/m3			08/18/25 12:20	10
Methyl methacrylate	20	U H	20	5.3	ug/m3			08/18/25 12:20	10
1,2-Dichloropropane	**9.9**	**H D**	9.2	2.5	ug/m3			08/18/25 12:20	10
1,4-Dioxane	180	U H	180	6.8	ug/m3			08/18/25 12:20	10
Bromodichloromethane	13	U H	13	3.9	ug/m3			08/18/25 12:20	10
cis-1,3-Dichloropropene	9.1	U H	9.1	2.5	ug/m3			08/18/25 12:20	10
methyl isobutyl ketone	20	U H	20	7.8	ug/m3			08/18/25 12:20	10
Toluene	**78**	**H D**	7.5	2.0	ug/m3			08/18/25 12:20	10
trans-1,3-Dichloropropene	9.1	U H	9.1	2.8	ug/m3			08/18/25 12:20	10
1,1,2-Trichloroethane	11	U H	11	2.9	ug/m3			08/18/25 12:20	10
Tetrachloroethene	**2.9**	**J H D**	14	2.4	ug/m3			08/18/25 12:20	10
Methyl Butyl Ketone (2-Hexanone)	20	U H	20	8.2	ug/m3			08/18/25 12:20	10
Dibromochloromethane	17	U H	17	4.5	ug/m3			08/18/25 12:20	10
1,2-Dibromoethane	15	U H	15	3.5	ug/m3			08/18/25 12:20	10
Chlorobenzene	**2.2**	**J H D**	9.2	2.2	ug/m3			08/18/25 12:20	10
Ethylbenzene	**13**	**H D**	8.7	2.2	ug/m3			08/18/25 12:20	10
m,p-Xylene	**350**	**H D**	22	0.61	ug/m3			08/18/25 12:20	10
Xylene, o-	**170**	**H D**	8.7	3.0	ug/m3			08/18/25 12:20	10
Xylene (total)	**520**	**H D**	30	0.61	ug/m3			08/18/25 12:20	10
Styrene	8.5	U H	8.5	2.4	ug/m3			08/18/25 12:20	10
Bromoform	21	U H	21	6.0	ug/m3			08/18/25 12:20	10
Cumene	**4.1**	**J H D**	9.8	3.5	ug/m3			08/18/25 12:20	10
1,1,2,2-Tetrachloroethane	14	U H	14	4.2	ug/m3			08/18/25 12:20	10
4-Ethyltoluene	**36**	**H D**	9.8	3.3	ug/m3			08/18/25 12:20	10
1,3,5-Trimethylbenzene	**120**	**H D**	9.8	3.3	ug/m3			08/18/25 12:20	10
2-Chlorotoluene	10	U H	10	3.0	ug/m3			08/18/25 12:20	10
1,2,4-Trimethylbenzene	**42**	**H D**	9.8	4.0	ug/m3			08/18/25 12:20	10
4-Isopropyltoluene	**4.8**	**J H D**	11	4.3	ug/m3			08/18/25 12:20	10
1,3-Dichlorobenzene	12	U H	12	3.8	ug/m3			08/18/25 12:20	10
1,4-Dichlorobenzene	12	U H	12	4.2	ug/m3			08/18/25 12:20	10
Benzyl chloride	10	U H	10	3.8	ug/m3			08/18/25 12:20	10
1,2-Dichlorobenzene	12	U H	12	4.0	ug/m3			08/18/25 12:20	10
1,2,4-Trichlorobenzene	37	U H	37	22	ug/m3			08/18/25 12:20	10
Hexachlorobutadiene	21	U H	21	8.3	ug/m3			08/18/25 12:20	10
Naphthalene	**7.8**	**J H D**	26	5.8	ug/m3			08/18/25 12:20	10

Default Detection Limits

Client: Haley & Aldrich, Inc. Job ID: 200-78914-1
Project/Site: 1885 Atlantic Ave, Brooklyn, Soil Vapor

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	RL	MDL
1,1,1-Trichloroethane	0.20 ppb v/v	0.073 ppb v/v
1,1,1-Trichloroethane	1.1 ug/m3	0.40 ug/m3
1,1,2,2-Tetrachloroethane	0.20 ppb v/v	0.061 ppb v/v
1,1,2,2-Tetrachloroethane	1.4 ug/m3	0.42 ug/m3
1,1,2-Trichloroethane	0.20 ppb v/v	0.053 ppb v/v
1,1,2-Trichloroethane	1.1 ug/m3	0.29 ug/m3
1,1-Dichloroethane	0.20 ppb v/v	0.018 ppb v/v
1,1-Dichloroethane	0.81 ug/m3	0.073 ug/m3
1,1-Dichloroethene	0.20 ppb v/v	0.035 ppb v/v
1,1-Dichloroethene	0.79 ug/m3	0.14 ug/m3
1,2,4-Trichlorobenzene	0.50 ppb v/v	0.30 ppb v/v
1,2,4-Trichlorobenzene	3.7 ug/m3	2.2 ug/m3
1,2,4-Trimethylbenzene	0.20 ppb v/v	0.082 ppb v/v
1,2,4-Trimethylbenzene	0.98 ug/m3	0.40 ug/m3
1,2-Dibromoethane	0.20 ppb v/v	0.045 ppb v/v
1,2-Dibromoethane	1.5 ug/m3	0.35 ug/m3
1,2-Dichlorobenzene	0.20 ppb v/v	0.066 ppb v/v
1,2-Dichlorobenzene	1.2 ug/m3	0.40 ug/m3
1,2-Dichloroethane	0.20 ppb v/v	0.074 ppb v/v
1,2-Dichloroethane	0.81 ug/m3	0.30 ug/m3
1,2-Dichloroethene, Total	0.40 ppb v/v	0.020 ppb v/v
1,2-Dichloroethene, Total	1.6 ug/m3	0.079 ug/m3
1,2-Dichloropropane	0.20 ppb v/v	0.055 ppb v/v
1,2-Dichloropropane	0.92 ug/m3	0.25 ug/m3
1,2-Dichlorotetrafluoroethane	0.20 ppb v/v	0.076 ppb v/v
1,2-Dichlorotetrafluoroethane	1.4 ug/m3	0.53 ug/m3
1,3,5-Trimethylbenzene	0.20 ppb v/v	0.068 ppb v/v
1,3,5-Trimethylbenzene	0.98 ug/m3	0.33 ug/m3
1,3-Butadiene	0.20 ppb v/v	0.040 ppb v/v
1,3-Butadiene	0.44 ug/m3	0.088 ug/m3
1,3-Dichlorobenzene	0.20 ppb v/v	0.063 ppb v/v
1,3-Dichlorobenzene	1.2 ug/m3	0.38 ug/m3
1,4-Dichlorobenzene	0.20 ppb v/v	0.070 ppb v/v
1,4-Dichlorobenzene	1.2 ug/m3	0.42 ug/m3
1,4-Dioxane	5.0 ppb v/v	0.19 ppb v/v
1,4-Dioxane	18 ug/m3	0.68 ug/m3
2,2,4-Trimethylpentane	0.20 ppb v/v	0.071 ppb v/v
2,2,4-Trimethylpentane	0.93 ug/m3	0.33 ug/m3
2-Chlorotoluene	0.20 ppb v/v	0.058 ppb v/v
2-Chlorotoluene	1.0 ug/m3	0.30 ug/m3
3-Chloropropene	0.50 ppb v/v	0.081 ppb v/v
3-Chloropropene	1.6 ug/m3	0.25 ug/m3
4-Ethyltoluene	0.20 ppb v/v	0.068 ppb v/v
4-Ethyltoluene	0.98 ug/m3	0.33 ug/m3
4-Isopropyltoluene	0.20 ppb v/v	0.078 ppb v/v
4-Isopropyltoluene	1.1 ug/m3	0.43 ug/m3
Acetone	5.0 ppb v/v	1.9 ppb v/v
Acetone	12 ug/m3	4.5 ug/m3
Benzene	0.20 ppb v/v	0.051 ppb v/v
Benzene	0.64 ug/m3	0.16 ug/m3
Benzyl chloride	0.20 ppb v/v	0.074 ppb v/v
Benzyl chloride	1.0 ug/m3	0.38 ug/m3
Bromodichloromethane	0.20 ppb v/v	0.058 ppb v/v

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	RL	MDL
Bromodichloromethane	1.3 ug/m3	0.39 ug/m3
Bromoethene(Vinyl Bromide)	0.20 ppb v/v	0.048 ppb v/v
Bromoethene(Vinyl Bromide)	0.87 ug/m3	0.21 ug/m3
Bromoform	0.20 ppb v/v	0.058 ppb v/v
Bromoform	2.1 ug/m3	0.60 ug/m3
Bromomethane	0.20 ppb v/v	0.062 ppb v/v
Bromomethane	0.78 ug/m3	0.24 ug/m3
Carbon disulfide	0.50 ppb v/v	0.18 ppb v/v
Carbon disulfide	1.6 ug/m3	0.56 ug/m3
Carbon tetrachloride	0.20 ppb v/v	0.024 ppb v/v
Carbon tetrachloride	1.3 ug/m3	0.15 ug/m3
Chlorobenzene	0.20 ppb v/v	0.047 ppb v/v
Chlorobenzene	0.92 ug/m3	0.22 ug/m3
Chloroethane	0.50 ppb v/v	0.16 ppb v/v
Chloroethane	1.3 ug/m3	0.42 ug/m3
Chloroform	0.20 ppb v/v	0.059 ppb v/v
Chloroform	0.98 ug/m3	0.29 ug/m3
Chloromethane	0.50 ppb v/v	0.33 ppb v/v
Chloromethane	1.0 ug/m3	0.68 ug/m3
cis-1,2-Dichloroethene	0.20 ppb v/v	0.032 ppb v/v
cis-1,2-Dichloroethene	0.79 ug/m3	0.13 ug/m3
cis-1,3-Dichloropropene	0.20 ppb v/v	0.056 ppb v/v
cis-1,3-Dichloropropene	0.91 ug/m3	0.25 ug/m3
Cumene	0.20 ppb v/v	0.072 ppb v/v
Cumene	0.98 ug/m3	0.35 ug/m3
Cyclohexane	0.20 ppb v/v	0.052 ppb v/v
Cyclohexane	0.69 ug/m3	0.18 ug/m3
Dibromochloromethane	0.20 ppb v/v	0.053 ppb v/v
Dibromochloromethane	1.7 ug/m3	0.45 ug/m3
Dichlorodifluoromethane	0.50 ppb v/v	0.22 ppb v/v
Dichlorodifluoromethane	2.5 ug/m3	1.1 ug/m3
Ethylbenzene	0.20 ppb v/v	0.051 ppb v/v
Ethylbenzene	0.87 ug/m3	0.22 ug/m3
Freon 22	0.50 ppb v/v	0.36 ppb v/v
Freon 22	1.8 ug/m3	1.3 ug/m3
Freon TF	0.20 ppb v/v	0.057 ppb v/v
Freon TF	1.5 ug/m3	0.44 ug/m3
Hexachlorobutadiene	0.20 ppb v/v	0.078 ppb v/v
Hexachlorobutadiene	2.1 ug/m3	0.83 ug/m3
Isopropyl alcohol	5.0 ppb v/v	2.2 ppb v/v
Isopropyl alcohol	12 ug/m3	5.4 ug/m3
m,p-Xylene	0.50 ppb v/v	0.014 ppb v/v
m,p-Xylene	2.2 ug/m3	0.061 ug/m3
Methyl Butyl Ketone (2-Hexanone)	0.50 ppb v/v	0.20 ppb v/v
Methyl Butyl Ketone (2-Hexanone)	2.0 ug/m3	0.82 ug/m3
Methyl Ethyl Ketone	0.50 ppb v/v	0.14 ppb v/v
Methyl Ethyl Ketone	1.5 ug/m3	0.41 ug/m3
methyl isobutyl ketone	0.50 ppb v/v	0.19 ppb v/v
methyl isobutyl ketone	2.0 ug/m3	0.78 ug/m3
Methyl methacrylate	0.50 ppb v/v	0.13 ppb v/v
Methyl methacrylate	2.0 ug/m3	0.53 ug/m3
Methyl tert-butyl ether	0.20 ppb v/v	0.066 ppb v/v
Methyl tert-butyl ether	0.72 ug/m3	0.24 ug/m3

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	RL	MDL
Methylene Chloride	0.50 ppb v/v	0.19 ppb v/v
Methylene Chloride	1.7 ug/m3	0.66 ug/m3
Naphthalene	0.50 ppb v/v	0.11 ppb v/v
Naphthalene	2.6 ug/m3	0.58 ug/m3
n-Butane	0.50 ppb v/v	0.31 ppb v/v
n-Butane	1.2 ug/m3	0.74 ug/m3
n-Heptane	0.20 ppb v/v	0.086 ppb v/v
n-Heptane	0.82 ug/m3	0.35 ug/m3
n-Hexane	0.50 ppb v/v	0.16 ppb v/v
n-Hexane	1.8 ug/m3	0.56 ug/m3
Styrene	0.20 ppb v/v	0.056 ppb v/v
Styrene	0.85 ug/m3	0.24 ug/m3
tert-Butyl alcohol	5.0 ppb v/v	1.6 ppb v/v
tert-Butyl alcohol	15 ug/m3	4.9 ug/m3
Tetrachloroethene	0.20 ppb v/v	0.036 ppb v/v
Tetrachloroethene	1.4 ug/m3	0.24 ug/m3
Tetrahydrofuran	5.0 ppb v/v	1.7 ppb v/v
Tetrahydrofuran	15 ug/m3	5.0 ug/m3
Toluene	0.20 ppb v/v	0.054 ppb v/v
Toluene	0.75 ug/m3	0.20 ug/m3
trans-1,2-Dichloroethene	0.20 ppb v/v	0.020 ppb v/v
trans-1,2-Dichloroethene	0.79 ug/m3	0.079 ug/m3
trans-1,3-Dichloropropene	0.20 ppb v/v	0.062 ppb v/v
trans-1,3-Dichloropropene	0.91 ug/m3	0.28 ug/m3
Trichloroethene	0.20 ppb v/v	0.029 ppb v/v
Trichloroethene	1.1 ug/m3	0.16 ug/m3
Trichlorofluoromethane	0.20 ppb v/v	0.077 ppb v/v
Trichlorofluoromethane	1.1 ug/m3	0.43 ug/m3
Vinyl chloride	0.20 ppb v/v	0.029 ppb v/v
Vinyl chloride	0.51 ug/m3	0.074 ug/m3
Xylene (total)	0.70 ppb v/v	0.014 ppb v/v
Xylene (total)	3.0 ug/m3	0.061 ug/m3
Xylene, o-	0.20 ppb v/v	0.069 ppb v/v
Xylene, o-	0.87 ug/m3	0.30 ug/m3

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-219230/5
Matrix: Air
Analysis Batch: 219230

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.22	ppb v/v			08/15/25 10:34	1
Freon 22	0.50	U	0.50	0.36	ppb v/v			08/15/25 10:34	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.076	ppb v/v			08/15/25 10:34	1
Chloromethane	0.50	U	0.50	0.33	ppb v/v			08/15/25 10:34	1
n-Butane	0.50	U	0.50	0.31	ppb v/v			08/15/25 10:34	1
Vinyl chloride	0.20	U	0.20	0.029	ppb v/v			08/15/25 10:34	1
1,3-Butadiene	0.20	U	0.20	0.040	ppb v/v			08/15/25 10:34	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			08/15/25 10:34	1
Chloroethane	0.50	U	0.50	0.16	ppb v/v			08/15/25 10:34	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.048	ppb v/v			08/15/25 10:34	1
Trichlorofluoromethane	0.20	U	0.20	0.077	ppb v/v			08/15/25 10:34	1
Freon TF	0.20	U	0.20	0.057	ppb v/v			08/15/25 10:34	1
1,1-Dichloroethene	0.20	U	0.20	0.035	ppb v/v			08/15/25 10:34	1
Acetone	5.0	U	5.0	1.9	ppb v/v			08/15/25 10:34	1
Isopropyl alcohol	5.0	U	5.0	2.2	ppb v/v			08/15/25 10:34	1
Carbon disulfide	0.50	U	0.50	0.18	ppb v/v			08/15/25 10:34	1
3-Chloropropene	0.50	U	0.50	0.081	ppb v/v			08/15/25 10:34	1
Methylene Chloride	0.50	U	0.50	0.19	ppb v/v			08/15/25 10:34	1
tert-Butyl alcohol	5.0	U	5.0	1.6	ppb v/v			08/15/25 10:34	1
Methyl tert-butyl ether	0.20	U	0.20	0.066	ppb v/v			08/15/25 10:34	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.020	ppb v/v			08/15/25 10:34	1
n-Hexane	0.50	U	0.50	0.16	ppb v/v			08/15/25 10:34	1
1,1-Dichloroethane	0.20	U	0.20	0.018	ppb v/v			08/15/25 10:34	1
Methyl Ethyl Ketone	0.50	U	0.50	0.14	ppb v/v			08/15/25 10:34	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.032	ppb v/v			08/15/25 10:34	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.020	ppb v/v			08/15/25 10:34	1
Chloroform	0.20	U	0.20	0.059	ppb v/v			08/15/25 10:34	1
Tetrahydrofuran	5.0	U	5.0	1.7	ppb v/v			08/15/25 10:34	1
1,1,1-Trichloroethane	0.20	U	0.20	0.073	ppb v/v			08/15/25 10:34	1
Cyclohexane	0.20	U	0.20	0.052	ppb v/v			08/15/25 10:34	1
Carbon tetrachloride	0.20	U	0.20	0.024	ppb v/v			08/15/25 10:34	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.071	ppb v/v			08/15/25 10:34	1
Benzene	0.20	U	0.20	0.051	ppb v/v			08/15/25 10:34	1
1,2-Dichloroethane	0.20	U	0.20	0.074	ppb v/v			08/15/25 10:34	1
n-Heptane	0.20	U	0.20	0.086	ppb v/v			08/15/25 10:34	1
Trichloroethene	0.20	U	0.20	0.029	ppb v/v			08/15/25 10:34	1
Methyl methacrylate	0.50	U	0.50	0.13	ppb v/v			08/15/25 10:34	1
1,2-Dichloropropane	0.20	U	0.20	0.055	ppb v/v			08/15/25 10:34	1
1,4-Dioxane	5.0	U	5.0	0.19	ppb v/v			08/15/25 10:34	1
Bromodichloromethane	0.20	U	0.20	0.058	ppb v/v			08/15/25 10:34	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.056	ppb v/v			08/15/25 10:34	1
methyl isobutyl ketone	0.50	U	0.50	0.19	ppb v/v			08/15/25 10:34	1
Toluene	0.20	U	0.20	0.054	ppb v/v			08/15/25 10:34	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.062	ppb v/v			08/15/25 10:34	1
1,1,2-Trichloroethane	0.20	U	0.20	0.053	ppb v/v			08/15/25 10:34	1
Tetrachloroethene	0.20	U	0.20	0.036	ppb v/v			08/15/25 10:34	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			08/15/25 10:34	1
Dibromochloromethane	0.20	U	0.20	0.053	ppb v/v			08/15/25 10:34	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-219230/5 **Client Sample ID: Method Blank**
Matrix: Air **Prep Type: Total/NA**
Analysis Batch: 219230

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.20	U	0.20	0.045	ppb v/v			08/15/25 10:34	1
Chlorobenzene	0.20	U	0.20	0.047	ppb v/v			08/15/25 10:34	1
Ethylbenzene	0.20	U	0.20	0.051	ppb v/v			08/15/25 10:34	1
m,p-Xylene	0.50	U	0.50	0.014	ppb v/v			08/15/25 10:34	1
Xylene, o-	0.20	U	0.20	0.069	ppb v/v			08/15/25 10:34	1
Xylene (total)	0.70	U	0.70	0.014	ppb v/v			08/15/25 10:34	1
Styrene	0.20	U	0.20	0.056	ppb v/v			08/15/25 10:34	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			08/15/25 10:34	1
Cumene	0.20	U	0.20	0.072	ppb v/v			08/15/25 10:34	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.061	ppb v/v			08/15/25 10:34	1
4-Ethyltoluene	0.20	U	0.20	0.068	ppb v/v			08/15/25 10:34	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.068	ppb v/v			08/15/25 10:34	1
2-Chlorotoluene	0.20	U	0.20	0.058	ppb v/v			08/15/25 10:34	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.082	ppb v/v			08/15/25 10:34	1
4-Isopropyltoluene	0.20	U	0.20	0.078	ppb v/v			08/15/25 10:34	1
1,3-Dichlorobenzene	0.20	U	0.20	0.063	ppb v/v			08/15/25 10:34	1
1,4-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			08/15/25 10:34	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			08/15/25 10:34	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			08/15/25 10:34	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.30	ppb v/v			08/15/25 10:34	1
Hexachlorobutadiene	0.20	U	0.20	0.078	ppb v/v			08/15/25 10:34	1
Naphthalene	0.50	U	0.50	0.11	ppb v/v			08/15/25 10:34	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	1.1	ug/m3			08/15/25 10:34	1
Freon 22	1.8	U	1.8	1.3	ug/m3			08/15/25 10:34	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.53	ug/m3			08/15/25 10:34	1
Chloromethane	1.0	U	1.0	0.68	ug/m3			08/15/25 10:34	1
n-Butane	1.2	U	1.2	0.74	ug/m3			08/15/25 10:34	1
Vinyl chloride	0.51	U	0.51	0.074	ug/m3			08/15/25 10:34	1
1,3-Butadiene	0.44	U	0.44	0.088	ug/m3			08/15/25 10:34	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			08/15/25 10:34	1
Chloroethane	1.3	U	1.3	0.42	ug/m3			08/15/25 10:34	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			08/15/25 10:34	1
Trichlorofluoromethane	1.1	U	1.1	0.43	ug/m3			08/15/25 10:34	1
Freon TF	1.5	U	1.5	0.44	ug/m3			08/15/25 10:34	1
1,1-Dichloroethene	0.79	U	0.79	0.14	ug/m3			08/15/25 10:34	1
Acetone	12	U	12	4.5	ug/m3			08/15/25 10:34	1
Isopropyl alcohol	12	U	12	5.4	ug/m3			08/15/25 10:34	1
Carbon disulfide	1.6	U	1.6	0.56	ug/m3			08/15/25 10:34	1
3-Chloropropene	1.6	U	1.6	0.25	ug/m3			08/15/25 10:34	1
Methylene Chloride	1.7	U	1.7	0.66	ug/m3			08/15/25 10:34	1
tert-Butyl alcohol	15	U	15	4.9	ug/m3			08/15/25 10:34	1
Methyl tert-butyl ether	0.72	U	0.72	0.24	ug/m3			08/15/25 10:34	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			08/15/25 10:34	1
n-Hexane	1.8	U	1.8	0.56	ug/m3			08/15/25 10:34	1
1,1-Dichloroethane	0.81	U	0.81	0.073	ug/m3			08/15/25 10:34	1
Methyl Ethyl Ketone	1.5	U	1.5	0.41	ug/m3			08/15/25 10:34	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.13	ug/m3			08/15/25 10:34	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-219230/5 **Client Sample ID: Method Blank**
Matrix: Air **Prep Type: Total/NA**
Analysis Batch: 219230

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	1.6	U	1.6	0.079	ug/m3			08/15/25 10:34	1
Chloroform	0.98	U	0.98	0.29	ug/m3			08/15/25 10:34	1
Tetrahydrofuran	15	U	15	5.0	ug/m3			08/15/25 10:34	1
1,1,1-Trichloroethane	1.1	U	1.1	0.40	ug/m3			08/15/25 10:34	1
Cyclohexane	0.69	U	0.69	0.18	ug/m3			08/15/25 10:34	1
Carbon tetrachloride	1.3	U	1.3	0.15	ug/m3			08/15/25 10:34	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.33	ug/m3			08/15/25 10:34	1
Benzene	0.64	U	0.64	0.16	ug/m3			08/15/25 10:34	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			08/15/25 10:34	1
n-Heptane	0.82	U	0.82	0.35	ug/m3			08/15/25 10:34	1
Trichloroethene	1.1	U	1.1	0.16	ug/m3			08/15/25 10:34	1
Methyl methacrylate	2.0	U	2.0	0.53	ug/m3			08/15/25 10:34	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			08/15/25 10:34	1
1,4-Dioxane	18	U	18	0.68	ug/m3			08/15/25 10:34	1
Bromodichloromethane	1.3	U	1.3	0.39	ug/m3			08/15/25 10:34	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			08/15/25 10:34	1
methyl isobutyl ketone	2.0	U	2.0	0.78	ug/m3			08/15/25 10:34	1
Toluene	0.75	U	0.75	0.20	ug/m3			08/15/25 10:34	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			08/15/25 10:34	1
1,1,2-Trichloroethane	1.1	U	1.1	0.29	ug/m3			08/15/25 10:34	1
Tetrachloroethene	1.4	U	1.4	0.24	ug/m3			08/15/25 10:34	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			08/15/25 10:34	1
Dibromochloromethane	1.7	U	1.7	0.45	ug/m3			08/15/25 10:34	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			08/15/25 10:34	1
Chlorobenzene	0.92	U	0.92	0.22	ug/m3			08/15/25 10:34	1
Ethylbenzene	0.87	U	0.87	0.22	ug/m3			08/15/25 10:34	1
m,p-Xylene	2.2	U	2.2	0.061	ug/m3			08/15/25 10:34	1
Xylene, o-	0.87	U	0.87	0.30	ug/m3			08/15/25 10:34	1
Xylene (total)	3.0	U	3.0	0.061	ug/m3			08/15/25 10:34	1
Styrene	0.85	U	0.85	0.24	ug/m3			08/15/25 10:34	1
Bromoform	2.1	U	2.1	0.60	ug/m3			08/15/25 10:34	1
Cumene	0.98	U	0.98	0.35	ug/m3			08/15/25 10:34	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.42	ug/m3			08/15/25 10:34	1
4-Ethyltoluene	0.98	U	0.98	0.33	ug/m3			08/15/25 10:34	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.33	ug/m3			08/15/25 10:34	1
2-Chlorotoluene	1.0	U	1.0	0.30	ug/m3			08/15/25 10:34	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.40	ug/m3			08/15/25 10:34	1
4-Isopropyltoluene	1.1	U	1.1	0.43	ug/m3			08/15/25 10:34	1
1,3-Dichlorobenzene	1.2	U	1.2	0.38	ug/m3			08/15/25 10:34	1
1,4-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			08/15/25 10:34	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			08/15/25 10:34	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			08/15/25 10:34	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.2	ug/m3			08/15/25 10:34	1
Hexachlorobutadiene	2.1	U	2.1	0.83	ug/m3			08/15/25 10:34	1
Naphthalene	2.6	U	2.6	0.58	ug/m3			08/15/25 10:34	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-219230/4
Matrix: Air
Analysis Batch: 219230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10.0	12.0		ppb v/v		120	61 - 142
Freon 22	10.0	12.0		ppb v/v		120	60 - 147
1,2-Dichlorotetrafluoroethane	10.0	11.2		ppb v/v		112	71 - 141
Chloromethane	10.0	12.1		ppb v/v		121	56 - 141
n-Butane	10.0	11.3		ppb v/v		113	53 - 151
Vinyl chloride	10.0	9.91		ppb v/v		99	61 - 135
1,3-Butadiene	10.0	10.5		ppb v/v		105	58 - 139
Bromomethane	10.0	11.3		ppb v/v		113	72 - 124
Chloroethane	10.0	12.0		ppb v/v		120	68 - 130
Bromoethene(Vinyl Bromide)	10.0	11.2		ppb v/v		112	75 - 125
Trichlorofluoromethane	10.0	10.7		ppb v/v		107	70 - 129
Freon TF	10.0	10.2		ppb v/v		102	70 - 121
1,1-Dichloroethene	10.0	10.2		ppb v/v		102	68 - 120
Acetone	10.0	11.6		ppb v/v		116	54 - 154
Isopropyl alcohol	10.0	13.1		ppb v/v		131	53 - 142
Carbon disulfide	10.0	11.1		ppb v/v		111	71 - 138
3-Chloropropene	10.0	8.34		ppb v/v		83	50 - 150
Methylene Chloride	10.0	10.6		ppb v/v		106	59 - 137
tert-Butyl alcohol	10.0	11.5		ppb v/v		115	66 - 132
Methyl tert-butyl ether	10.0	10.5		ppb v/v		105	70 - 127
trans-1,2-Dichloroethene	10.0	9.92		ppb v/v		99	69 - 137
n-Hexane	10.0	10.3		ppb v/v		103	63 - 138
1,1-Dichloroethane	10.0	9.70		ppb v/v		97	66 - 130
Methyl Ethyl Ketone	10.0	10.1		ppb v/v		101	72 - 124
cis-1,2-Dichloroethene	10.0	9.38		ppb v/v		94	72 - 121
Chloroform	10.0	10.2		ppb v/v		102	73 - 124
Tetrahydrofuran	10.0	10.6		ppb v/v		106	60 - 149
1,1,1-Trichloroethane	10.0	10.1		ppb v/v		101	72 - 127
Cyclohexane	10.0	10.0		ppb v/v		100	76 - 124
Carbon tetrachloride	10.0	9.70		ppb v/v		97	71 - 133
2,2,4-Trimethylpentane	10.0	10.1		ppb v/v		101	68 - 131
Benzene	10.0	10.1		ppb v/v		101	73 - 119
1,2-Dichloroethane	10.0	10.2		ppb v/v		102	68 - 135
n-Heptane	10.0	9.67		ppb v/v		97	60 - 142
Trichloroethene	10.0	9.75		ppb v/v		97	73 - 122
Methyl methacrylate	10.0	10.6		ppb v/v		106	73 - 129
1,2-Dichloropropane	10.0	9.97		ppb v/v		100	69 - 128
1,4-Dioxane	10.0	10.3		ppb v/v		103	66 - 129
Bromodichloromethane	10.0	9.99		ppb v/v		100	75 - 127
cis-1,3-Dichloropropene	10.0	10.1		ppb v/v		101	74 - 125
methyl isobutyl ketone	10.0	10.5		ppb v/v		105	58 - 144
Toluene	10.0	10.2		ppb v/v		102	75 - 122
trans-1,3-Dichloropropene	10.0	10.8		ppb v/v		108	74 - 128
1,1,2-Trichloroethane	10.0	10.2		ppb v/v		102	75 - 126
Tetrachloroethene	10.0	8.84		ppb v/v		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10.0	10.8		ppb v/v		108	57 - 143
Dibromochloromethane	10.0	9.35		ppb v/v		93	73 - 125
1,2-Dibromoethane	10.0	10.1		ppb v/v		101	78 - 122

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-219230/4
Matrix: Air
Analysis Batch: 219230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	10.0	9.91		ppb v/v		99	76 - 119
Ethylbenzene	10.0	10.3		ppb v/v		103	74 - 122
m,p-Xylene	20.0	20.3		ppb v/v		102	76 - 121
Xylene, o-	10.0	10.1		ppb v/v		101	73 - 123
Styrene	10.0	10.3		ppb v/v		103	74 - 125
Bromoform	10.0	7.56		ppb v/v		76	53 - 149
Cumene	10.0	10.3		ppb v/v		103	73 - 123
1,1,2,2-Tetrachloroethane	10.0	10.2		ppb v/v		102	74 - 126
4-Ethyltoluene	10.0	10.5		ppb v/v		105	75 - 129
1,3,5-Trimethylbenzene	10.0	10.3		ppb v/v		103	72 - 126
2-Chlorotoluene	10.0	10.3		ppb v/v		103	74 - 126
1,2,4-Trimethylbenzene	10.0	10.3		ppb v/v		103	71 - 129
4-Isopropyltoluene	10.0	10.1		ppb v/v		101	68 - 130
1,3-Dichlorobenzene	10.0	9.55		ppb v/v		95	69 - 131
1,4-Dichlorobenzene	10.0	9.67		ppb v/v		97	67 - 132
Benzyl chloride	10.0	9.98		ppb v/v		100	60 - 136
1,2-Dichlorobenzene	10.0	9.50		ppb v/v		95	68 - 129
1,2,4-Trichlorobenzene	10.0	11.0		ppb v/v		110	50 - 150
Hexachlorobutadiene	10.0	9.27		ppb v/v		93	58 - 130
Naphthalene	10.0	11.4		ppb v/v		114	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49	59.3		ug/m3		120	61 - 142
Freon 22	35	42.5		ug/m3		120	60 - 147
1,2-Dichlorotetrafluoroethane	70	78.5		ug/m3		112	71 - 141
Chloromethane	21	25.1		ug/m3		121	56 - 141
n-Butane	24	26.9		ug/m3		113	53 - 151
Vinyl chloride	26	25.3		ug/m3		99	61 - 135
1,3-Butadiene	22	23.3		ug/m3		105	58 - 139
Bromomethane	39	44.0		ug/m3		113	72 - 124
Chloroethane	26	31.6		ug/m3		120	68 - 130
Bromoethene(Vinyl Bromide)	44	48.9		ug/m3		112	75 - 125
Trichlorofluoromethane	56	59.9		ug/m3		107	70 - 129
Freon TF	77	78.4		ug/m3		102	70 - 121
1,1-Dichloroethene	40	40.3		ug/m3		102	68 - 120
Acetone	24	27.5		ug/m3		116	54 - 154
Isopropyl alcohol	25	32.2		ug/m3		131	53 - 142
Carbon disulfide	31	34.6		ug/m3		111	71 - 138
3-Chloropropene	31	26.1		ug/m3		83	50 - 150
Methylene Chloride	35	36.7		ug/m3		106	59 - 137
tert-Butyl alcohol	30	34.9		ug/m3		115	66 - 132
Methyl tert-butyl ether	36	38.0		ug/m3		105	70 - 127
trans-1,2-Dichloroethene	40	39.3		ug/m3		99	69 - 137
n-Hexane	35	36.4		ug/m3		103	63 - 138
1,1-Dichloroethane	40	39.2		ug/m3		97	66 - 130
Methyl Ethyl Ketone	29	29.9		ug/m3		101	72 - 124
cis-1,2-Dichloroethene	40	37.2		ug/m3		94	72 - 121
Chloroform	49	50.0		ug/m3		102	73 - 124
Tetrahydrofuran	29	31.2		ug/m3		106	60 - 149

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-219230/4
Matrix: Air
Analysis Batch: 219230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	55	55.0		ug/m3		101	72 - 127
Cyclohexane	34	34.5		ug/m3		100	76 - 124
Carbon tetrachloride	63	61.0		ug/m3		97	71 - 133
2,2,4-Trimethylpentane	47	47.2		ug/m3		101	68 - 131
Benzene	32	32.2		ug/m3		101	73 - 119
1,2-Dichloroethane	40	41.4		ug/m3		102	68 - 135
n-Heptane	41	39.6		ug/m3		97	60 - 142
Trichloroethene	54	52.4		ug/m3		97	73 - 122
Methyl methacrylate	41	43.5		ug/m3		106	73 - 129
1,2-Dichloropropane	46	46.1		ug/m3		100	69 - 128
1,4-Dioxane	36	37.3		ug/m3		103	66 - 129
Bromodichloromethane	67	66.9		ug/m3		100	75 - 127
cis-1,3-Dichloropropene	45	45.8		ug/m3		101	74 - 125
methyl isobutyl ketone	41	43.2		ug/m3		105	58 - 144
Toluene	38	38.5		ug/m3		102	75 - 122
trans-1,3-Dichloropropene	45	49.0		ug/m3		108	74 - 128
1,1,2-Trichloroethane	55	55.7		ug/m3		102	75 - 126
Tetrachloroethene	68	60.0		ug/m3		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41	44.2		ug/m3		108	57 - 143
Dibromochloromethane	85	79.6		ug/m3		93	73 - 125
1,2-Dibromoethane	77	77.8		ug/m3		101	78 - 122
Chlorobenzene	46	45.6		ug/m3		99	76 - 119
Ethylbenzene	43	44.6		ug/m3		103	74 - 122
m,p-Xylene	87	88.3		ug/m3		102	76 - 121
Xylene, o-	43	44.1		ug/m3		101	73 - 123
Styrene	43	43.9		ug/m3		103	74 - 125
Bromoform	100	78.1		ug/m3		76	53 - 149
Cumene	49	50.5		ug/m3		103	73 - 123
1,1,2,2-Tetrachloroethane	69	70.1		ug/m3		102	74 - 126
4-Ethyltoluene	49	51.5		ug/m3		105	75 - 129
1,3,5-Trimethylbenzene	49	50.5		ug/m3		103	72 - 126
2-Chlorotoluene	52	53.2		ug/m3		103	74 - 126
1,2,4-Trimethylbenzene	49	50.6		ug/m3		103	71 - 129
4-Isopropyltoluene	55	55.7		ug/m3		101	68 - 130
1,3-Dichlorobenzene	60	57.4		ug/m3		95	69 - 131
1,4-Dichlorobenzene	60	58.1		ug/m3		97	67 - 132
Benzyl chloride	52	51.7		ug/m3		100	60 - 136
1,2-Dichlorobenzene	60	57.1		ug/m3		95	68 - 129
1,2,4-Trichlorobenzene	74	81.8		ug/m3		110	50 - 150
Hexachlorobutadiene	110	98.9		ug/m3		93	58 - 130
Naphthalene	52	59.7		ug/m3		114	50 - 150

Lab Sample ID: MB 200-219284/6
Matrix: Air
Analysis Batch: 219284

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.22	ppb v/v			08/18/25 11:29	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-219284/6 **Client Sample ID: Method Blank**
Matrix: Air **Prep Type: Total/NA**
Analysis Batch: 219284

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Freon 22	0.50	U	0.50	0.36	ppb v/v			08/18/25 11:29	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.076	ppb v/v			08/18/25 11:29	1
Chloromethane	0.50	U	0.50	0.33	ppb v/v			08/18/25 11:29	1
n-Butane	0.50	U	0.50	0.31	ppb v/v			08/18/25 11:29	1
Vinyl chloride	0.20	U	0.20	0.029	ppb v/v			08/18/25 11:29	1
1,3-Butadiene	0.20	U	0.20	0.040	ppb v/v			08/18/25 11:29	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			08/18/25 11:29	1
Chloroethane	0.50	U	0.50	0.16	ppb v/v			08/18/25 11:29	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.048	ppb v/v			08/18/25 11:29	1
Trichlorofluoromethane	0.20	U	0.20	0.077	ppb v/v			08/18/25 11:29	1
Freon TF	0.20	U	0.20	0.057	ppb v/v			08/18/25 11:29	1
1,1-Dichloroethene	0.20	U	0.20	0.035	ppb v/v			08/18/25 11:29	1
Acetone	5.0	U	5.0	1.9	ppb v/v			08/18/25 11:29	1
Isopropyl alcohol	5.0	U	5.0	2.2	ppb v/v			08/18/25 11:29	1
Carbon disulfide	0.50	U	0.50	0.18	ppb v/v			08/18/25 11:29	1
3-Chloropropene	0.50	U	0.50	0.081	ppb v/v			08/18/25 11:29	1
Methylene Chloride	0.50	U	0.50	0.19	ppb v/v			08/18/25 11:29	1
tert-Butyl alcohol	5.0	U	5.0	1.6	ppb v/v			08/18/25 11:29	1
Methyl tert-butyl ether	0.20	U	0.20	0.066	ppb v/v			08/18/25 11:29	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.020	ppb v/v			08/18/25 11:29	1
n-Hexane	0.50	U	0.50	0.16	ppb v/v			08/18/25 11:29	1
1,1-Dichloroethane	0.20	U	0.20	0.018	ppb v/v			08/18/25 11:29	1
Methyl Ethyl Ketone	0.50	U	0.50	0.14	ppb v/v			08/18/25 11:29	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.032	ppb v/v			08/18/25 11:29	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.020	ppb v/v			08/18/25 11:29	1
Chloroform	0.20	U	0.20	0.059	ppb v/v			08/18/25 11:29	1
Tetrahydrofuran	5.0	U	5.0	1.7	ppb v/v			08/18/25 11:29	1
1,1,1-Trichloroethane	0.20	U	0.20	0.073	ppb v/v			08/18/25 11:29	1
Cyclohexane	0.20	U	0.20	0.052	ppb v/v			08/18/25 11:29	1
Carbon tetrachloride	0.20	U	0.20	0.024	ppb v/v			08/18/25 11:29	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.071	ppb v/v			08/18/25 11:29	1
Benzene	0.20	U	0.20	0.051	ppb v/v			08/18/25 11:29	1
1,2-Dichloroethane	0.20	U	0.20	0.074	ppb v/v			08/18/25 11:29	1
n-Heptane	0.20	U	0.20	0.086	ppb v/v			08/18/25 11:29	1
Trichloroethene	0.20	U	0.20	0.029	ppb v/v			08/18/25 11:29	1
Methyl methacrylate	0.50	U	0.50	0.13	ppb v/v			08/18/25 11:29	1
1,2-Dichloropropane	0.20	U	0.20	0.055	ppb v/v			08/18/25 11:29	1
1,4-Dioxane	5.0	U	5.0	0.19	ppb v/v			08/18/25 11:29	1
Bromodichloromethane	0.20	U	0.20	0.058	ppb v/v			08/18/25 11:29	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.056	ppb v/v			08/18/25 11:29	1
methyl isobutyl ketone	0.50	U	0.50	0.19	ppb v/v			08/18/25 11:29	1
Toluene	0.20	U	0.20	0.054	ppb v/v			08/18/25 11:29	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.062	ppb v/v			08/18/25 11:29	1
1,1,2-Trichloroethane	0.20	U	0.20	0.053	ppb v/v			08/18/25 11:29	1
Tetrachloroethene	0.20	U	0.20	0.036	ppb v/v			08/18/25 11:29	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			08/18/25 11:29	1
Dibromochloromethane	0.20	U	0.20	0.053	ppb v/v			08/18/25 11:29	1
1,2-Dibromoethane	0.20	U	0.20	0.045	ppb v/v			08/18/25 11:29	1
Chlorobenzene	0.20	U	0.20	0.047	ppb v/v			08/18/25 11:29	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-219284/6 **Client Sample ID: Method Blank**
Matrix: Air **Prep Type: Total/NA**
Analysis Batch: 219284

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.20	U	0.20	0.051	ppb v/v			08/18/25 11:29	1
m,p-Xylene	0.50	U	0.50	0.014	ppb v/v			08/18/25 11:29	1
Xylene, o-	0.20	U	0.20	0.069	ppb v/v			08/18/25 11:29	1
Xylene (total)	0.70	U	0.70	0.014	ppb v/v			08/18/25 11:29	1
Styrene	0.20	U	0.20	0.056	ppb v/v			08/18/25 11:29	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			08/18/25 11:29	1
Cumene	0.20	U	0.20	0.072	ppb v/v			08/18/25 11:29	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.061	ppb v/v			08/18/25 11:29	1
4-Ethyltoluene	0.20	U	0.20	0.068	ppb v/v			08/18/25 11:29	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.068	ppb v/v			08/18/25 11:29	1
2-Chlorotoluene	0.20	U	0.20	0.058	ppb v/v			08/18/25 11:29	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.082	ppb v/v			08/18/25 11:29	1
4-Isopropyltoluene	0.20	U	0.20	0.078	ppb v/v			08/18/25 11:29	1
1,3-Dichlorobenzene	0.20	U	0.20	0.063	ppb v/v			08/18/25 11:29	1
1,4-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			08/18/25 11:29	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			08/18/25 11:29	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			08/18/25 11:29	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.30	ppb v/v			08/18/25 11:29	1
Hexachlorobutadiene	0.20	U	0.20	0.078	ppb v/v			08/18/25 11:29	1
Naphthalene	0.50	U	0.50	0.11	ppb v/v			08/18/25 11:29	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	1.1	ug/m3			08/18/25 11:29	1
Freon 22	1.8	U	1.8	1.3	ug/m3			08/18/25 11:29	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.53	ug/m3			08/18/25 11:29	1
Chloromethane	1.0	U	1.0	0.68	ug/m3			08/18/25 11:29	1
n-Butane	1.2	U	1.2	0.74	ug/m3			08/18/25 11:29	1
Vinyl chloride	0.51	U	0.51	0.074	ug/m3			08/18/25 11:29	1
1,3-Butadiene	0.44	U	0.44	0.088	ug/m3			08/18/25 11:29	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			08/18/25 11:29	1
Chloroethane	1.3	U	1.3	0.42	ug/m3			08/18/25 11:29	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			08/18/25 11:29	1
Trichlorofluoromethane	1.1	U	1.1	0.43	ug/m3			08/18/25 11:29	1
Freon TF	1.5	U	1.5	0.44	ug/m3			08/18/25 11:29	1
1,1-Dichloroethene	0.79	U	0.79	0.14	ug/m3			08/18/25 11:29	1
Acetone	12	U	12	4.5	ug/m3			08/18/25 11:29	1
Isopropyl alcohol	12	U	12	5.4	ug/m3			08/18/25 11:29	1
Carbon disulfide	1.6	U	1.6	0.56	ug/m3			08/18/25 11:29	1
3-Chloropropene	1.6	U	1.6	0.25	ug/m3			08/18/25 11:29	1
Methylene Chloride	1.7	U	1.7	0.66	ug/m3			08/18/25 11:29	1
tert-Butyl alcohol	15	U	15	4.9	ug/m3			08/18/25 11:29	1
Methyl tert-butyl ether	0.72	U	0.72	0.24	ug/m3			08/18/25 11:29	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			08/18/25 11:29	1
n-Hexane	1.8	U	1.8	0.56	ug/m3			08/18/25 11:29	1
1,1-Dichloroethane	0.81	U	0.81	0.073	ug/m3			08/18/25 11:29	1
Methyl Ethyl Ketone	1.5	U	1.5	0.41	ug/m3			08/18/25 11:29	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.13	ug/m3			08/18/25 11:29	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.079	ug/m3			08/18/25 11:29	1
Chloroform	0.98	U	0.98	0.29	ug/m3			08/18/25 11:29	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-219284/6
Matrix: Air
Analysis Batch: 219284

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	15	U	15	5.0	ug/m3			08/18/25 11:29	1
1,1,1-Trichloroethane	1.1	U	1.1	0.40	ug/m3			08/18/25 11:29	1
Cyclohexane	0.69	U	0.69	0.18	ug/m3			08/18/25 11:29	1
Carbon tetrachloride	1.3	U	1.3	0.15	ug/m3			08/18/25 11:29	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.33	ug/m3			08/18/25 11:29	1
Benzene	0.64	U	0.64	0.16	ug/m3			08/18/25 11:29	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			08/18/25 11:29	1
n-Heptane	0.82	U	0.82	0.35	ug/m3			08/18/25 11:29	1
Trichloroethene	1.1	U	1.1	0.16	ug/m3			08/18/25 11:29	1
Methyl methacrylate	2.0	U	2.0	0.53	ug/m3			08/18/25 11:29	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			08/18/25 11:29	1
1,4-Dioxane	18	U	18	0.68	ug/m3			08/18/25 11:29	1
Bromodichloromethane	1.3	U	1.3	0.39	ug/m3			08/18/25 11:29	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			08/18/25 11:29	1
methyl isobutyl ketone	2.0	U	2.0	0.78	ug/m3			08/18/25 11:29	1
Toluene	0.75	U	0.75	0.20	ug/m3			08/18/25 11:29	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			08/18/25 11:29	1
1,1,2-Trichloroethane	1.1	U	1.1	0.29	ug/m3			08/18/25 11:29	1
Tetrachloroethene	1.4	U	1.4	0.24	ug/m3			08/18/25 11:29	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			08/18/25 11:29	1
Dibromochloromethane	1.7	U	1.7	0.45	ug/m3			08/18/25 11:29	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			08/18/25 11:29	1
Chlorobenzene	0.92	U	0.92	0.22	ug/m3			08/18/25 11:29	1
Ethylbenzene	0.87	U	0.87	0.22	ug/m3			08/18/25 11:29	1
m,p-Xylene	2.2	U	2.2	0.061	ug/m3			08/18/25 11:29	1
Xylene, o-	0.87	U	0.87	0.30	ug/m3			08/18/25 11:29	1
Xylene (total)	3.0	U	3.0	0.061	ug/m3			08/18/25 11:29	1
Styrene	0.85	U	0.85	0.24	ug/m3			08/18/25 11:29	1
Bromoform	2.1	U	2.1	0.60	ug/m3			08/18/25 11:29	1
Cumene	0.98	U	0.98	0.35	ug/m3			08/18/25 11:29	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.42	ug/m3			08/18/25 11:29	1
4-Ethyltoluene	0.98	U	0.98	0.33	ug/m3			08/18/25 11:29	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.33	ug/m3			08/18/25 11:29	1
2-Chlorotoluene	1.0	U	1.0	0.30	ug/m3			08/18/25 11:29	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.40	ug/m3			08/18/25 11:29	1
4-Isopropyltoluene	1.1	U	1.1	0.43	ug/m3			08/18/25 11:29	1
1,3-Dichlorobenzene	1.2	U	1.2	0.38	ug/m3			08/18/25 11:29	1
1,4-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			08/18/25 11:29	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			08/18/25 11:29	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			08/18/25 11:29	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.2	ug/m3			08/18/25 11:29	1
Hexachlorobutadiene	2.1	U	2.1	0.83	ug/m3			08/18/25 11:29	1
Naphthalene	2.6	U	2.6	0.58	ug/m3			08/18/25 11:29	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-219284/4
Matrix: Air
Analysis Batch: 219284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10.0	11.6		ppb v/v		116	61 - 142
Freon 22	10.0	10.8		ppb v/v		108	60 - 147
1,2-Dichlorotetrafluoroethane	10.0	10.6		ppb v/v		106	71 - 141
Chloromethane	10.0	9.81		ppb v/v		98	56 - 141
n-Butane	10.0	9.51		ppb v/v		95	53 - 151
Vinyl chloride	10.0	9.18		ppb v/v		92	61 - 135
1,3-Butadiene	10.0	8.85		ppb v/v		89	58 - 139
Bromomethane	10.0	9.96		ppb v/v		100	72 - 124
Chloroethane	10.0	9.49		ppb v/v		95	68 - 130
Bromoethene(Vinyl Bromide)	10.0	9.85		ppb v/v		99	75 - 125
Trichlorofluoromethane	10.0	11.2		ppb v/v		112	70 - 129
Freon TF	10.0	9.87		ppb v/v		99	70 - 121
1,1-Dichloroethene	10.0	9.33		ppb v/v		93	68 - 120
Acetone	10.0	10.5		ppb v/v		105	54 - 154
Isopropyl alcohol	10.0	11.1		ppb v/v		111	53 - 142
Carbon disulfide	10.0	9.19		ppb v/v		92	71 - 138
3-Chloropropene	10.0	7.68		ppb v/v		77	50 - 150
Methylene Chloride	10.0	9.71		ppb v/v		97	59 - 137
tert-Butyl alcohol	10.0	10.2		ppb v/v		102	66 - 132
Methyl tert-butyl ether	10.0	10.2		ppb v/v		102	70 - 127
trans-1,2-Dichloroethene	10.0	10.6		ppb v/v		106	69 - 137
n-Hexane	10.0	9.51		ppb v/v		95	63 - 138
1,1-Dichloroethane	10.0	9.49		ppb v/v		95	66 - 130
Methyl Ethyl Ketone	10.0	9.71		ppb v/v		97	72 - 124
cis-1,2-Dichloroethene	10.0	8.81		ppb v/v		88	72 - 121
Chloroform	10.0	10.4		ppb v/v		104	73 - 124
Tetrahydrofuran	10.0	9.24		ppb v/v		92	60 - 149
1,1,1-Trichloroethane	10.0	11.0		ppb v/v		110	72 - 127
Cyclohexane	10.0	9.48		ppb v/v		95	76 - 124
Carbon tetrachloride	10.0	11.4		ppb v/v		114	71 - 133
2,2,4-Trimethylpentane	10.0	9.50		ppb v/v		95	68 - 131
Benzene	10.0	9.41		ppb v/v		94	73 - 119
1,2-Dichloroethane	10.0	11.3		ppb v/v		113	68 - 135
n-Heptane	10.0	9.72		ppb v/v		97	60 - 142
Trichloroethene	10.0	10.0		ppb v/v		100	73 - 122
Methyl methacrylate	10.0	9.25		ppb v/v		92	73 - 129
1,2-Dichloropropane	10.0	9.36		ppb v/v		94	69 - 128
1,4-Dioxane	10.0	10.1		ppb v/v		101	66 - 129
Bromodichloromethane	10.0	10.6		ppb v/v		106	75 - 127
cis-1,3-Dichloropropene	10.0	9.77		ppb v/v		98	74 - 125
methyl isobutyl ketone	10.0	10.2		ppb v/v		102	58 - 144
Toluene	10.0	9.62		ppb v/v		96	75 - 122
trans-1,3-Dichloropropene	10.0	11.1		ppb v/v		111	74 - 128
1,1,2-Trichloroethane	10.0	10.0		ppb v/v		100	75 - 126
Tetrachloroethene	10.0	10.0		ppb v/v		100	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10.0	10.5		ppb v/v		105	57 - 143
Dibromochloromethane	10.0	9.95		ppb v/v		99	73 - 125
1,2-Dibromoethane	10.0	9.99		ppb v/v		100	78 - 122

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-219284/4
Matrix: Air
Analysis Batch: 219284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	10.0	9.74		ppb v/v		97	76 - 119
Ethylbenzene	10.0	10.1		ppb v/v		101	74 - 122
m,p-Xylene	20.0	20.0		ppb v/v		100	76 - 121
Xylene, o-	10.0	9.97		ppb v/v		100	73 - 123
Styrene	10.0	9.94		ppb v/v		99	74 - 125
Bromoform	10.0	9.02		ppb v/v		90	53 - 149
Cumene	10.0	10.1		ppb v/v		102	73 - 123
1,1,2,2-Tetrachloroethane	10.0	9.62		ppb v/v		96	74 - 126
4-Ethyltoluene	10.0	10.5		ppb v/v		105	75 - 129
1,3,5-Trimethylbenzene	10.0	10.2		ppb v/v		102	72 - 126
2-Chlorotoluene	10.0	10.2		ppb v/v		102	74 - 126
1,2,4-Trimethylbenzene	10.0	10.3		ppb v/v		103	71 - 129
4-Isopropyltoluene	10.0	10.1		ppb v/v		101	68 - 130
1,3-Dichlorobenzene	10.0	10.0		ppb v/v		100	69 - 131
1,4-Dichlorobenzene	10.0	10.0		ppb v/v		100	67 - 132
Benzyl chloride	10.0	9.82		ppb v/v		98	60 - 136
1,2-Dichlorobenzene	10.0	9.91		ppb v/v		99	68 - 129
1,2,4-Trichlorobenzene	10.0	11.0		ppb v/v		110	50 - 150
Hexachlorobutadiene	10.0	10.9		ppb v/v		109	58 - 130
Naphthalene	10.0	9.42		ppb v/v		94	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49	57.2		ug/m3		116	61 - 142
Freon 22	35	38.4		ug/m3		108	60 - 147
1,2-Dichlorotetrafluoroethane	70	73.9		ug/m3		106	71 - 141
Chloromethane	21	20.2		ug/m3		98	56 - 141
n-Butane	24	22.6		ug/m3		95	53 - 151
Vinyl chloride	26	23.5		ug/m3		92	61 - 135
1,3-Butadiene	22	19.6		ug/m3		89	58 - 139
Bromomethane	39	38.7		ug/m3		100	72 - 124
Chloroethane	26	25.0		ug/m3		95	68 - 130
Bromoethene(Vinyl Bromide)	44	43.1		ug/m3		99	75 - 125
Trichlorofluoromethane	56	63.0		ug/m3		112	70 - 129
Freon TF	77	75.6		ug/m3		99	70 - 121
1,1-Dichloroethene	40	37.0		ug/m3		93	68 - 120
Acetone	24	25.0		ug/m3		105	54 - 154
Isopropyl alcohol	25	27.2		ug/m3		111	53 - 142
Carbon disulfide	31	28.6		ug/m3		92	71 - 138
3-Chloropropene	31	24.0		ug/m3		77	50 - 150
Methylene Chloride	35	33.7		ug/m3		97	59 - 137
tert-Butyl alcohol	30	30.8		ug/m3		102	66 - 132
Methyl tert-butyl ether	36	36.7		ug/m3		102	70 - 127
trans-1,2-Dichloroethene	40	41.8		ug/m3		106	69 - 137
n-Hexane	35	33.5		ug/m3		95	63 - 138
1,1-Dichloroethane	40	38.4		ug/m3		95	66 - 130
Methyl Ethyl Ketone	29	28.6		ug/m3		97	72 - 124
cis-1,2-Dichloroethene	40	34.9		ug/m3		88	72 - 121
Chloroform	49	51.0		ug/m3		104	73 - 124
Tetrahydrofuran	29	27.3		ug/m3		92	60 - 149

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-219284/4
Matrix: Air
Analysis Batch: 219284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	55	59.9		ug/m3		110	72 - 127
Cyclohexane	34	32.6		ug/m3		95	76 - 124
Carbon tetrachloride	63	71.6		ug/m3		114	71 - 133
2,2,4-Trimethylpentane	47	44.4		ug/m3		95	68 - 131
Benzene	32	30.0		ug/m3		94	73 - 119
1,2-Dichloroethane	40	45.6		ug/m3		113	68 - 135
n-Heptane	41	39.8		ug/m3		97	60 - 142
Trichloroethene	54	53.8		ug/m3		100	73 - 122
Methyl methacrylate	41	37.9		ug/m3		92	73 - 129
1,2-Dichloropropane	46	43.2		ug/m3		94	69 - 128
1,4-Dioxane	36	36.6		ug/m3		101	66 - 129
Bromodichloromethane	67	70.8		ug/m3		106	75 - 127
cis-1,3-Dichloropropene	45	44.3		ug/m3		98	74 - 125
methyl isobutyl ketone	41	41.9		ug/m3		102	58 - 144
Toluene	38	36.3		ug/m3		96	75 - 122
trans-1,3-Dichloropropene	45	50.2		ug/m3		111	74 - 128
1,1,2-Trichloroethane	55	54.7		ug/m3		100	75 - 126
Tetrachloroethene	68	68.1		ug/m3		100	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41	43.1		ug/m3		105	57 - 143
Dibromochloromethane	85	84.7		ug/m3		99	73 - 125
1,2-Dibromoethane	77	76.8		ug/m3		100	78 - 122
Chlorobenzene	46	44.8		ug/m3		97	76 - 119
Ethylbenzene	43	43.8		ug/m3		101	74 - 122
m,p-Xylene	87	86.7		ug/m3		100	76 - 121
Xylene, o-	43	43.3		ug/m3		100	73 - 123
Styrene	43	42.3		ug/m3		99	74 - 125
Bromoform	100	93.2		ug/m3		90	53 - 149
Cumene	49	49.9		ug/m3		102	73 - 123
1,1,2,2-Tetrachloroethane	69	66.1		ug/m3		96	74 - 126
4-Ethyltoluene	49	51.4		ug/m3		105	75 - 129
1,3,5-Trimethylbenzene	49	50.1		ug/m3		102	72 - 126
2-Chlorotoluene	52	52.7		ug/m3		102	74 - 126
1,2,4-Trimethylbenzene	49	50.4		ug/m3		103	71 - 129
4-Isopropyltoluene	55	55.5		ug/m3		101	68 - 130
1,3-Dichlorobenzene	60	60.2		ug/m3		100	69 - 131
1,4-Dichlorobenzene	60	60.1		ug/m3		100	67 - 132
Benzyl chloride	52	50.9		ug/m3		98	60 - 136
1,2-Dichlorobenzene	60	59.6		ug/m3		99	68 - 129
1,2,4-Trichlorobenzene	74	81.6		ug/m3		110	50 - 150
Hexachlorobutadiene	110	117		ug/m3		109	58 - 130
Naphthalene	52	49.4		ug/m3		94	50 - 150

Air - GC/MS VOA

Analysis Batch: 219230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-78914-1	SVE_INF_20250814	Total/NA	Air	TO-15	
200-78914-2	SVE_EFF_20250814	Total/NA	Air	TO-15	
200-78914-3	SSDS_INF_20250814	Total/NA	Air	TO-15	
MB 200-219230/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-219230/4	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 219284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-78914-3 - DL	SSDS_INF_20250814	Total/NA	Air	TO-15	
MB 200-219284/6	Method Blank	Total/NA	Air	TO-15	
LCS 200-219284/4	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 200-78914-1
Project/Site: 1885 Atlantic Ave, Brooklyn, Soil Vapor

Client Sample ID: SVE_INF_20250814
Lab Sample ID: 200-78914-1
Date Collected: 08/14/25 11:35
Matrix: Air
Date Received: 08/15/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		40	219230	A1B	EET BUR	08/16/25 02:58

Client Sample ID: SVE_EFF_20250814
Lab Sample ID: 200-78914-2
Date Collected: 08/14/25 11:45
Matrix: Air
Date Received: 08/15/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		20	219230	A1B	EET BUR	08/16/25 03:50

Client Sample ID: SSDS_INF_20250814
Lab Sample ID: 200-78914-3
Date Collected: 08/14/25 12:00
Matrix: Air
Date Received: 08/15/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		5	219230	A1B	EET BUR	08/16/25 04:41
Total/NA	Analysis	TO-15	DL	10	219284	A1B	EET BUR	08/18/25 12:20

Laboratory References:
EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc. Job ID: 200-78914-1
Project/Site: 1885 Atlantic Ave, Brooklyn, Soil Vapor

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	VT972	06-30-26

The following analytes are included in this report, but the laboratory is not certified by New Jersey NELAP VT972. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	1,2-Dichloroethene, Total
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Freon 22
TO-15		Air	n-Butane

New York	NELAP	10391	03-31-26

The following analytes are included in this report, but the laboratory is not certified by New York NELAP 10391. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	1,2-Dichloroethene, Total
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Freon 22
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	Tetrahydrofuran

Method Summary

Client: Haley & Aldrich, Inc.
Job ID: 200-78914-1
Project/Site: 1885 Atlantic Ave, Brooklyn, Soil Vapor

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Haley & Aldrich, Inc.
Job ID: 200-78914-1
Project/Site: 1885 Atlantic Ave, Brooklyn, Soil Vapor

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
200-78914-1	SVE_INF_20250814	Air	08/14/25 11:35	08/15/25 09:40	New York
200-78914-2	SVE_EFF_20250814	Air	08/14/25 11:45	08/15/25 09:40	New York
200-78914-3	SSDS_INF_20250814	Air	08/14/25 12:00	08/15/25 09:40	New York

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHAN.i Analysis Batch Number: 218864

Lab Sample ID: IC 200-218864/2 Client Sample ID:

Date Analyzed: 08/04/25 09:14 Lab File ID: 66192_002.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene	5.35	Baseline	BKZ7	08/04/25 10:14

Lab Sample ID: IC 200-218864/4 Client Sample ID:

Date Analyzed: 08/04/25 10:57 Lab File ID: 66192_004.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Pentane	7.11	Assign Peak	F7XK	08/05/25 09:45
Acrylonitrile	9.26	Baseline	BKZ7	08/04/25 14:11
n-Hexane	9.89	Assign Peak	F7XK	08/05/25 09:49
Vinyl acetate	10.15	Assign Peak	F7XK	08/05/25 09:50
Tetrahydrofuran	11.58	Assign Peak	F7XK	08/05/25 09:51

Lab Sample ID: IC 200-218864/5 Client Sample ID:

Date Analyzed: 08/04/25 11:49 Lab File ID: 66192_005.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrolein	7.75	Assign Peak	F7XK	08/05/25 10:09
3-Chloropropene	8.63	Baseline	BKZ7	08/04/25 13:18
Acrylonitrile	9.26	Baseline	BKZ7	08/04/25 14:12
Tetrahydrofuran	11.57	Assign Peak	F7XK	08/05/25 10:11
1,2,4-Trichlorobenzene	25.84	Baseline	BKZ7	08/04/25 13:18

Lab Sample ID: IC 200-218864/6 Client Sample ID:

Date Analyzed: 08/04/25 12:40 Lab File ID: 66192_006.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl methacrylate	14.32	Assign Peak	F7XK	08/05/25 10:17

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHAN.i Analysis Batch Number: 218864

Lab Sample ID: ICIS 200-218864/7 Client Sample ID:

Date Analyzed: 08/04/25 13:32 Lab File ID: 66192_007.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropene	8.63	Baseline	BKZ7	08/04/25 14:22
Methyl methacrylate	14.32	Assign Peak	F7XK	08/05/25 09:35

Lab Sample ID: IC 200-218864/10 Client Sample ID:

Date Analyzed: 08/04/25 16:06 Lab File ID: 66192_010.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane	12.68	Assign Peak	F7XK	08/05/25 10:22

Lab Sample ID: IC 200-218864/11 Client Sample ID:

Date Analyzed: 08/04/25 16:57 Lab File ID: 66192_011.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane	12.68	Assign Peak	F7XK	08/05/25 10:27
Methyl methacrylate	14.32	Assign Peak	F7XK	08/05/25 10:28

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHAN.i Analysis Batch Number: 219230

Lab Sample ID: MB 200-219230/5 Client Sample ID:

Date Analyzed: 08/15/25 10:34 Lab File ID: 66362_005.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene		Invalid Compound ID	F7XK	08/18/25 07:47
1,3-Butadiene		Invalid Compound ID	F7XK	08/18/25 07:47
Carbon disulfide		Assign Peak	F7XK	08/18/25 07:48
Chlorobenzene		Assign Peak	F7XK	08/18/25 07:51
Trichloroethene	13.80	Assign Peak	F7XK	08/18/25 07:49
Toluene	16.15	Assign Peak	F7XK	08/18/25 07:50
1,2-Dibromoethane	17.90	Assign Peak	F7XK	08/18/25 07:51
Styrene	20.16	Assign Peak	F7XK	08/18/25 07:52
Cumene	20.80	Assign Peak	F7XK	08/18/25 07:52
4-Ethyltoluene	21.71	Peak assignment corrected	F7XK	08/18/25 07:53
4-Isopropyltoluene	22.83	Assign Peak	F7XK	08/18/25 07:54

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHAN.i Analysis Batch Number: 219230

Lab Sample ID: 200-78914-1 Client Sample ID: SVE_INF_20250814

Date Analyzed: 08/16/25 02:58 Lab File ID: 66362_024.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	6.91	Assign Peak	F7XK	08/18/25 09:47
1,1,2,2-Tetrachloroethane		Invalid Compound ID	F7XK	08/18/25 09:55
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	08/18/25 09:52
1,1-Dichloroethene		Invalid Compound ID	F7XK	08/18/25 09:47
1,2-Dibromoethane		Invalid Compound ID	F7XK	08/18/25 09:53
2-Chlorotoluene		Invalid Compound ID	F7XK	08/18/25 09:55
Benzyl chloride		Invalid Compound ID	F7XK	08/18/25 09:56
Bromodichloromethane		Invalid Compound ID	F7XK	08/18/25 09:52
Chlorobenzene		Invalid Compound ID	F7XK	08/18/25 09:53
Chloromethane		Invalid Compound ID	F7XK	08/18/25 09:47
Freon 22		Assign Peak	F7XK	08/18/25 09:46
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	F7XK	08/18/25 09:53
Styrene		Assign Peak	F7XK	08/18/25 09:54
Trichloroethene	13.80	Assign Peak	F7XK	08/18/25 09:50
1,2-Dichloropropane	14.24	Assign Peak	F7XK	08/18/25 09:51
Methyl methacrylate	14.30	Assign Peak	F7XK	08/18/25 09:51
methyl isobutyl ketone	15.75	Assign Peak	F7XK	08/18/25 09:52
Cumene	20.79	Assign Peak	F7XK	08/18/25 09:54

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHAN.i Analysis Batch Number: 219230

Lab Sample ID: 200-78914-2 Client Sample ID: SVE_EFF_20250814

Date Analyzed: 08/16/25 03:50 Lab File ID: 66362_025.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 22	4.49	Assign Peak	F7XK	08/18/25 09:57
Methylene Chloride	8.86	Assign Peak	F7XK	08/18/25 09:58
1,1,2,2-Tetrachloroethane		Invalid Compound ID	F7XK	08/18/25 10:06
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	08/18/25 10:04
1,1-Dichloroethene		Invalid Compound ID	F7XK	08/18/25 09:57
1,3-Butadiene		Invalid Compound ID	F7XK	08/18/25 09:57
2-Chlorotoluene		Invalid Compound ID	F7XK	08/18/25 10:07
Benzyl chloride		Invalid Compound ID	F7XK	08/18/25 10:07
Bromodichloromethane		Assign Peak	F7XK	08/18/25 10:04
Carbon disulfide		Assign Peak	F7XK	08/18/25 09:58
Chloromethane		Invalid Compound ID	F7XK	08/18/25 09:57
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	F7XK	08/18/25 10:05
methyl isobutyl ketone		Invalid Compound ID	F7XK	08/18/25 10:04
Methyl methacrylate		Assign Peak	F7XK	08/18/25 10:03
Styrene		Invalid Compound ID	F7XK	08/18/25 10:05
Tetrachloroethene		Assign Peak	F7XK	08/18/25 10:04
Chloroform	11.69	Assign Peak	F7XK	08/18/25 10:01
Ethylbenzene	19.07	Assign Peak	F7XK	08/18/25 10:05
Cumene	20.79	Assign Peak	F7XK	08/18/25 10:06

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHAN.i Analysis Batch Number: 219230

Lab Sample ID: 200-78914-3 Client Sample ID: SSDS_INF_20250814

Date Analyzed: 08/16/25 04:41 Lab File ID: 66362_026.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 22	4.49	Assign Peak	F7XK	08/18/25 10:08
Chloromethane	4.92	Assign Peak	F7XK	08/18/25 10:08
Trichlorofluoromethane	6.91	Assign Peak	F7XK	08/18/25 10:09
Acetone	8.02	Assign Peak	F7XK	08/18/25 10:10
Carbon disulfide	8.37	Assign Peak	F7XK	08/18/25 10:10
1,1,2,2-Tetrachloroethane		Assign Peak	F7XK	08/18/25 10:17
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	08/18/25 10:15
1,2-Dibromoethane		Assign Peak	F7XK	08/18/25 10:15
1,2-Dichlorobenzene		Invalid Compound ID	F7XK	08/18/25 10:18
1,2-Dichloroethane		Invalid Compound ID	F7XK	08/18/25 10:12
1,3-Butadiene		Invalid Compound ID	F7XK	08/18/25 10:09
1,4-Dichlorobenzene		Invalid Compound ID	F7XK	08/18/25 10:18
2-Chlorotoluene		Invalid Compound ID	F7XK	08/18/25 10:17
Benzyl chloride		Invalid Compound ID	F7XK	08/18/25 10:18
Bromodichloromethane		Invalid Compound ID	F7XK	08/18/25 10:14
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	F7XK	08/18/25 10:15
methyl isobutyl ketone		Invalid Compound ID	F7XK	08/18/25 10:15
Methyl methacrylate		Assign Peak	F7XK	08/18/25 10:13
Methyl tert-butyl ether		Invalid Compound ID	F7XK	08/18/25 10:11
Styrene		Assign Peak	F7XK	08/18/25 10:16
Trichloroethene	13.78	Assign Peak	F7XK	08/18/25 10:13
1,2-Dichloropropane	14.24	Assign Peak	F7XK	08/18/25 10:13
Ethylbenzene	19.07	Assign Peak	F7XK	08/18/25 10:15
Cumene	20.79	Assign Peak	F7XK	08/18/25 10:16
Naphthalene	26.32	Assign Peak	F7XK	08/18/25 10:18

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 219090

Lab Sample ID: IC 200-219090/6 Client Sample ID:

Date Analyzed: 08/11/25 17:58 Lab File ID: 66295-06.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	5.79	Assign Peak	YWL8	08/12/25 12:49
Trichlorofluoromethane	6.74	Assign Peak	YWL8	08/12/25 12:50
Carbon disulfide	8.46	Assign Peak	YWL8	08/12/25 12:52
3-Chloropropene		Invalid Compound ID	YWL8	08/12/25 12:52
Acetone		Assign Peak	YWL8	08/12/25 12:51
Acetonitrile		Invalid Compound ID	YWL8	08/12/25 12:52
Chloroethane		Invalid Compound ID	YWL8	08/12/25 12:49
Ethanol		Invalid Compound ID	YWL8	08/12/25 12:51
Freon 22		Invalid Compound ID	YWL8	08/12/25 12:48
Isopropyl alcohol		Invalid Compound ID	YWL8	08/12/25 12:51
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	YWL8	08/12/25 12:58
methyl isobutyl ketone		Invalid Compound ID	YWL8	08/12/25 12:57
n-Butanol		Invalid Compound ID	YWL8	08/12/25 12:57
n-Hexane		Invalid Compound ID	YWL8	08/12/25 12:55
Tetrahydrofuran		Invalid Compound ID	YWL8	08/12/25 12:56
trans-1,2-Dichloroethene		Invalid Compound ID	YWL8	08/12/25 12:55
trans-1,3-Dichloropropene		Invalid Compound ID	YWL8	08/12/25 12:57
Vinyl acetate		Invalid Compound ID	YWL8	08/12/25 12:55
1,1-Dichloroethane	10.58	Baseline	BKZ7	08/12/25 10:51
cis-1,2-Dichloroethene	11.71	Baseline	BKZ7	08/12/25 10:53
Chloroform	12.37	Assign Peak	YWL8	08/12/25 12:56
Cyclohexane	12.88	Assign Peak	YWL8	08/12/25 12:56
n-Heptane	13.95	Assign Peak	YWL8	08/12/25 12:56
1,2-Dichloropropane	15.15	Assign Peak	YWL8	08/12/25 12:57
Toluene	17.16	Assign Peak	YWL8	08/12/25 12:57
1,1,2-Trichloroethane	17.95	Assign Peak	YWL8	08/12/25 12:58
Tetrachloroethene	18.18	Assign Peak	YWL8	08/12/25 12:58
1,2-Dibromoethane	19.00	Assign Peak	YWL8	08/12/25 12:58
Cumene	21.74	Assign Peak	YWL8	08/12/25 12:59
4-Ethyltoluene	22.58	Assign Peak	YWL8	08/12/25 12:59

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 219090

Lab Sample ID: IC 200-219090/6 Client Sample ID:

Date Analyzed: 08/11/25 17:58 Lab File ID: 66295-06.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Alpha Methyl Styrene	22.98	Assign Peak	YWL8	08/12/25 12:59
1,4-Dichlorobenzene	23.78	Assign Peak	YWL8	08/12/25 12:59
Naphthalene	27.60	Assign Peak	YWL8	08/12/25 13:02

Lab Sample ID: IC 200-219090/7 Client Sample ID:

Date Analyzed: 08/11/25 18:48 Lab File ID: 66295-07.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	7.99	Assign Peak	YWL8	08/12/25 13:05
trans-1,2-Dichloroethene	9.71	Assign Peak	YWL8	08/12/25 13:08
Acetonitrile		Assign Peak	YWL8	08/12/25 13:05
n-Butanol		Invalid Compound ID	YWL8	08/12/25 13:28
Vinyl acetate		Invalid Compound ID	YWL8	08/12/25 13:08
cis-1,2-Dichloroethene	11.72	Assign Peak	YWL8	08/12/25 13:09
Cyclohexane	12.88	Baseline	BKZ7	08/12/25 11:00
n-Heptane	13.97	Assign Peak	YWL8	08/12/25 13:18
1,2-Dichloropropane	15.15	Assign Peak	YWL8	08/12/25 13:28
Methyl methacrylate	15.25	Assign Peak	YWL8	08/12/25 13:29
cis-1,3-Dichloropropene	16.48	Baseline	BKZ7	08/12/25 11:03
methyl isobutyl ketone	16.74	Assign Peak	YWL8	08/12/25 13:41
Toluene	17.14	Baseline	BKZ7	08/12/25 11:03
1,1,2-Trichloroethane	17.95	Baseline	BKZ7	08/12/25 11:04
Methyl Butyl Ketone (2-Hexanone)	18.39	Assign Peak	YWL8	08/12/25 13:44
Dibromochloromethane	18.74	Assign Peak	YWL8	08/12/25 13:44
1,2-Dibromoethane	18.99	Assign Peak	YWL8	08/12/25 13:45
Styrene	21.15	Assign Peak	YWL8	08/12/25 13:47

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 219090

Lab Sample ID: IC 200-219090/22 Client Sample ID:

Date Analyzed: 08/12/25 08:04 Lab File ID: 66295-22.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	7.20	Baseline	BKZ7	08/12/25 10:58
Acetonitrile	8.72	Baseline	BKZ7	08/12/25 09:18
3-Chloropropene	8.81	Baseline	BKZ7	08/12/25 09:16
Acrylonitrile	9.61	Baseline	BKZ7	08/12/25 09:16
cis-1,2-Dichloroethene	11.73	Baseline	BKZ7	08/12/25 09:16
Methyl Ethyl Ketone	11.75	Baseline	BKZ7	08/12/25 09:16
Tetrahydrofuran	12.26	Baseline	BKZ7	08/12/25 09:15
Cyclohexane	12.88	Baseline	BKZ7	08/12/25 09:15
n-Heptane	13.96	Baseline	BKZ7	08/12/25 09:15
trans-1,3-Dichloropropene	17.56	Baseline	BKZ7	08/12/25 09:15

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 219284

Lab Sample ID: LCS 200-219284/4 Client Sample ID:

Date Analyzed: 08/18/25 09:47 Lab File ID: 66386-04.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane	13.48	Assign Peak	F7XK	08/19/25 09:16

Lab Sample ID: MB 200-219284/6 Client Sample ID:

Date Analyzed: 08/18/25 11:29 Lab File ID: 66386-06.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	9.10	Assign Peak	F7XK	08/19/25 09:19
4-Isopropyltoluene		Assign Peak	F7XK	08/19/25 09:22
Carbon tetrachloride		Invalid Compound ID	F7XK	08/19/25 09:20
Chlorobenzene		Invalid Compound ID	F7XK	08/19/25 09:20
Cumene		Assign Peak	F7XK	08/19/25 09:21

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 219284

Lab Sample ID: 200-78914-3 DL Client Sample ID: SSDS_INF_20250814 DL

Date Analyzed: 08/18/25 12:20 Lab File ID: 66386-07.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 22	4.24	Assign Peak	F7XK	08/19/25 09:24
Trichlorofluoromethane	6.77	Assign Peak	F7XK	08/19/25 09:24
Methylene Chloride	9.10	Assign Peak	F7XK	08/19/25 09:25
1,1,2,2-Tetrachloroethane		Invalid Compound ID	F7XK	08/19/25 09:30
1,1,2-Trichloroethane		Invalid Compound ID	F7XK	08/19/25 09:28
1,2-Dibromoethane		Invalid Compound ID	F7XK	08/19/25 09:28
1,2-Dichloroethane		Invalid Compound ID	F7XK	08/19/25 09:26
2-Chlorotoluene		Invalid Compound ID	F7XK	08/19/25 09:30
Acetone		Invalid Compound ID	F7XK	08/19/25 09:24
Bromodichloromethane		Assign Peak	F7XK	08/19/25 09:27
Carbon disulfide		Assign Peak	F7XK	08/19/25 09:25
Dibromochloromethane		Invalid Compound ID	F7XK	08/19/25 09:28
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	F7XK	08/19/25 09:28
methyl isobutyl ketone		Invalid Compound ID	F7XK	08/19/25 09:27
Methyl methacrylate		Invalid Compound ID	F7XK	08/19/25 09:27
Styrene		Invalid Compound ID	F7XK	08/19/25 09:29
trans-1,3-Dichloropropene		Invalid Compound ID	F7XK	08/19/25 09:27
Trichloroethene		Invalid Compound ID	F7XK	08/19/25 09:26
Cyclohexane	12.88	Assign Peak	F7XK	08/19/25 09:26
1,2-Dichloropropane	15.14	Assign Peak	F7XK	08/19/25 09:27
Tetrachloroethene	18.16	Assign Peak	F7XK	08/19/25 09:28
Chlorobenzene	19.95	Assign Peak	F7XK	08/19/25 09:28
Ethylbenzene	20.15	Assign Peak	F7XK	08/19/25 09:29
Bromoform	21.46	Assign Peak	F7XK	08/19/25 09:29
Cumene	21.73	Assign Peak	F7XK	08/19/25 09:30
1,3-Dichlorobenzene	23.62	Assign Peak	F7XK	08/19/25 09:30
4-Isopropyltoluene	23.64	Assign Peak	F7XK	08/19/25 09:31
Naphthalene	27.59	Assign Peak	F7XK	08/19/25 09:32

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL1w_00277	08/30/25	06/20/25	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00244	155 mL	1,1,1-Trichloroethane	0.20044 ppb v/v
							1,1,2,2-Tetrachloroethane	0.20044 ppb v/v
							1,1,2-Trichloroethane	0.20044 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.20044 ppb v/v
							1,2,3-Trichlorobenzene	0.233512 ppb v/v
							1,2,3-Trichloropropane	0.20044 ppb v/v
							1,2,4-Trichlorobenzene	0.235116 ppb v/v
							1,2,4-Trimethylbenzene	0.20044 ppb v/v
							1,2-Dibromoethane	0.20044 ppb v/v
							1,2-Dichlorobenzene	0.20044 ppb v/v
							1,2-Dichloroethane	0.20044 ppb v/v
							1,2-Dichloropropane	0.20044 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.20044 ppb v/v
							1,3,5-Trimethylbenzene	0.20044 ppb v/v
							1,3-Butadiene	0.20044 ppb v/v
							1,3-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dichlorobenzene	0.20044 ppb v/v
							1,4-Dioxane	0.20044 ppb v/v
							2,2,4-Trimethylpentane	0.20044 ppb v/v
							2-Chlorotoluene	0.20044 ppb v/v
							2-Methylbutane	0.20044 ppb v/v
							3-Chloropropene	0.20044 ppb v/v
							4-Ethyltoluene	0.20044 ppb v/v
							4-Isopropyltoluene	0.20044 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	0.20044 ppb v/v
							Acetonitrile	0.20044 ppb v/v
							Acrolein	0.234715 ppb v/v
							Acrylonitrile	0.20044 ppb v/v
							Alpha Methyl Styrene	0.20044 ppb v/v
							Benzene	0.20044 ppb v/v
							Benzyl chloride	0.20044 ppb v/v
							Bromodichloromethane	0.20044 ppb v/v
							Bromoethene(Vinyl Bromide)	0.20044 ppb v/v
							Bromoform	0.20044 ppb v/v
							Bromomethane	0.20044 ppb v/v
							Carbon disulfide	0.20044 ppb v/v
							Carbon tetrachloride	0.20044 ppb v/v
							Chlorobenzene	0.20044 ppb v/v
							Chloroethane	0.20044 ppb v/v
							Chloroform	0.20044 ppb v/v
							Chloromethane	0.20044 ppb v/v
							cis-1,2-Dichloroethene	0.20044 ppb v/v
							cis-1,3-Dichloropropene	0.20044 ppb v/v
							Cumene	0.20044 ppb v/v
							Cyclohexane	0.20044 ppb v/v
							Dibromochloromethane	0.20044 ppb v/v
							Dibromomethane	0.20044 ppb v/v
							Dichlorodifluoromethane	0.20044 ppb v/v
							Dodecane	0.20044 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acetate	0.20044 ppb v/v
							Ethyl ether	0.20044 ppb v/v
							Ethylbenzene	0.20044 ppb v/v
							Freon 22	0.20044 ppb v/v
							Freon TF	0.20044 ppb v/v
							Hexachlorobutadiene	0.225294 ppb v/v
							Isopropyl alcohol	0.23231 ppb v/v
							m,p-Xylene	0.400879 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.20044 ppb v/v
							Methyl Ethyl Ketone	0.20044 ppb v/v
							methyl isobutyl ketone	0.20044 ppb v/v
							Methyl methacrylate	0.20044 ppb v/v
							Methyl tert-butyl ether	0.20044 ppb v/v
							Methylene Chloride	0.20044 ppb v/v
							n-Butane	0.20044 ppb v/v
							n-Butanol	0.20044 ppb v/v
							n-Butylbenzene	0.20044 ppb v/v
							n-Decane	0.20044 ppb v/v
							n-Heptane	0.20044 ppb v/v
							n-Hexane	0.20044 ppb v/v
							n-Nonane	0.20044 ppb v/v
							n-Octane	0.20044 ppb v/v
							N-Propylbenzene	0.20044 ppb v/v
							Naphthalene	0.238323 ppb v/v
							Pentane	0.20044 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	0.20044 ppb v/v
							sec-Butylbenzene	0.20044 ppb v/v
							Styrene	0.20044 ppb v/v
							tert-Butyl alcohol	0.20044 ppb v/v
							tert-Butylbenzene	0.20044 ppb v/v
							Tetrachloroethene	0.20044 ppb v/v
							Tetrahydrofuran	0.20044 ppb v/v
							Toluene	0.20044 ppb v/v
							trans-1,2-Dichloroethene	0.20044 ppb v/v
							trans-1,3-Dichloropropene	0.20044 ppb v/v
							Trichloroethene	0.20044 ppb v/v
							Trichlorofluoromethane	0.20044 ppb v/v
							Undecane	0.20044 ppb v/v
							Vinyl acetate	0.228301 ppb v/v
							Vinyl chloride	0.20044 ppb v/v
							Xylene, o-	0.20044 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00244	08/30/25	06/20/25	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00194	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	23.2955 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	23.4554 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	23.4155 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	22.4756 ppb v/v
							Isopropyl alcohol	23.1755 ppb v/v
							m,p-Xylene	39.9922 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							N-Propylbenzene	19.9961 ppb v/v
							Naphthalene	23.7754 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	22.7756 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00181	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00194	09/17/25	06/17/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00181	08/30/25	06/19/25	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
...1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL2w_00359	08/30/25	06/20/25	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00244	387 mL	1,1,1-Trichloroethane	0.500453 ppb v/v
							1,1,2,2-Tetrachloroethane	0.500453 ppb v/v
							1,1,2-Trichloroethane	0.500453 ppb v/v
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.500453 ppb v/v
							1,2,3-Trichlorobenzene	0.583027 ppb v/v
							1,2,3-Trichloropropane	0.500453 ppb v/v
							1,2,4-Trichlorobenzene	0.587031 ppb v/v
							1,2,4-Trimethylbenzene	0.500453 ppb v/v
							1,2-Dibromoethane	0.500453 ppb v/v
							1,2-Dichlorobenzene	0.500453 ppb v/v
							1,2-Dichloroethane	0.500453 ppb v/v
							1,2-Dichloropropane	0.500453 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.500453 ppb v/v
							1,3,5-Trimethylbenzene	0.500453 ppb v/v
							1,3-Butadiene	0.500453 ppb v/v
							1,3-Dichlorobenzene	0.500453 ppb v/v
							1,4-Dichlorobenzene	0.500453 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	0.500453 ppb v/v
							2,2,4-Trimethylpentane	0.500453 ppb v/v
							2-Chlorotoluene	0.500453 ppb v/v
							2-Methylbutane	0.500453 ppb v/v
							3-Chloropropene	0.500453 ppb v/v
							4-Ethyltoluene	0.500453 ppb v/v
							4-Isopropyltoluene	0.500453 ppb v/v
							Acetone	0.500453 ppb v/v
							Acetonitrile	0.500453 ppb v/v
							Acrolein	0.58603 ppb v/v
							Acrylonitrile	0.500453 ppb v/v
							Alpha Methyl Styrene	0.500453 ppb v/v
							Benzene	0.500453 ppb v/v
							Benzyl chloride	0.500453 ppb v/v
							Bromodichloromethane	0.500453 ppb v/v
							Bromoethene(Vinyl Bromide)	0.500453 ppb v/v
							Bromoform	0.500453 ppb v/v
							Bromomethane	0.500453 ppb v/v
							Carbon disulfide	0.500453 ppb v/v
							Carbon tetrachloride	0.500453 ppb v/v
							Chlorobenzene	0.500453 ppb v/v
							Chloroethane	0.500453 ppb v/v
							Chloroform	0.500453 ppb v/v
							Chloromethane	0.500453 ppb v/v
							cis-1,2-Dichloroethene	0.500453 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	0.500453 ppb v/v
							Cumene	0.500453 ppb v/v
							Cyclohexane	0.500453 ppb v/v
							Dibromochloromethane	0.500453 ppb v/v
							Dibromomethane	0.500453 ppb v/v
							Dichlorodifluoromethane	0.500453 ppb v/v
							Dodecane	0.500453 ppb v/v
							Ethyl acetate	0.500453 ppb v/v
							Ethyl ether	0.500453 ppb v/v
							Ethylbenzene	0.500453 ppb v/v
							Freon 22	0.500453 ppb v/v
							Freon TF	0.500453 ppb v/v
							Hexachlorobutadiene	0.562509 ppb v/v
							Isopropyl alcohol	0.580025 ppb v/v
							m,p-Xylene	1.00091 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.500453 ppb v/v
							Methyl Ethyl Ketone	0.500453 ppb v/v
							methyl isobutyl ketone	0.500453 ppb v/v
							Methyl methacrylate	0.500453 ppb v/v
							Methyl tert-butyl ether	0.500453 ppb v/v
							Methylene Chloride	0.500453 ppb v/v
							n-Butane	0.500453 ppb v/v
							n-Butanol	0.500453 ppb v/v
							n-Butylbenzene	0.500453 ppb v/v
							n-Decane	0.500453 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	0.500453 ppb v/v
							n-Hexane	0.500453 ppb v/v
							n-Nonane	0.500453 ppb v/v
							n-Octane	0.500453 ppb v/v
							N-Propylbenzene	0.500453 ppb v/v
							Naphthalene	0.595038 ppb v/v
							Pentane	0.500453 ppb v/v
							Propene	0.500453 ppb v/v
							sec-Butylbenzene	0.500453 ppb v/v
							Styrene	0.500453 ppb v/v
							tert-Butyl alcohol	0.500453 ppb v/v
							tert-Butylbenzene	0.500453 ppb v/v
							Tetrachloroethene	0.500453 ppb v/v
							Tetrahydrofuran	0.500453 ppb v/v
							Toluene	0.500453 ppb v/v
							trans-1,2-Dichloroethene	0.500453 ppb v/v
							trans-1,3-Dichloropropene	0.500453 ppb v/v
							Trichloroethene	0.500453 ppb v/v
							Trichlorofluoromethane	0.500453 ppb v/v
							Undecane	0.500453 ppb v/v
							Vinyl acetate	0.570015 ppb v/v
							Vinyl chloride	0.500453 ppb v/v
							Xylene, o-	0.500453 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00181	124 mL	Ethanol	5.01064 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.ATTO15CAL6w_00244	08/30/25	06/20/25	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00194	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	23.2955 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	23.4554 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	23.4155 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	22.4756 ppb v/v
							Isopropyl alcohol	23.1755 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							N-Propylbenzene	19.9961 ppb v/v
							Naphthalene	23.7754 ppb v/v
							Pentane	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	22.7756 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00181	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00194	09/17/25	06/17/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
...ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
..ATTO15EthCALw_00181	08/30/25	06/19/25	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
...1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
.ATTO15EthCALw_00181	08/30/25	06/19/25	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00287	08/30/25	06/20/25	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00194	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v
							1,1,2,2-Tetrachloroethane	4.99256 ppb v/v
							1,1,2-Trichloroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v
							1,2,3-Trichlorobenzene	5.81634 ppb v/v
							1,2,3-Trichloropropane	4.99256 ppb v/v
							1,2,4-Trichlorobenzene	5.85628 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromoethane	4.99256 ppb v/v
							1,2-Dichlorobenzene	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v
							1,2-Dichlorotetrafluoroethane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v
							1,3-Butadiene	4.99256 ppb v/v
							1,3-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dichlorobenzene	4.99256 ppb v/v
							1,4-Dioxane	4.99256 ppb v/v
							2,2,4-Trimethylpentane	4.99256 ppb v/v
							2-Chlorotoluene	4.99256 ppb v/v
							2-Methylbutane	4.99256 ppb v/v
							3-Chloropropene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v
							4-Isopropyltoluene	4.99256 ppb v/v
							Acetone	4.99256 ppb v/v
							Acetonitrile	4.99256 ppb v/v
							Acrolein	5.84629 ppb v/v
							Acrylonitrile	4.99256 ppb v/v
							Alpha Methyl Styrene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v
							Benzyl chloride	4.99256 ppb v/v
							Bromodichloromethane	4.99256 ppb v/v
							Bromoethene(Vinyl Bromide)	4.99256 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Carbon disulfide	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chloroethane	4.99256 ppb v/v
							Chloroform	4.99256 ppb v/v
							Chloromethane	4.99256 ppb v/v
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							cis-1,3-Dichloropropene	4.99256 ppb v/v
							Cumene	4.99256 ppb v/v
							Cyclohexane	4.99256 ppb v/v
							Dibromochloromethane	4.99256 ppb v/v
							Dibromomethane	4.99256 ppb v/v
							Dichlorodifluoromethane	4.99256 ppb v/v
							Dodecane	4.99256 ppb v/v
							Ethyl acetate	4.99256 ppb v/v
							Ethyl ether	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v
							Freon 22	4.99256 ppb v/v
							Freon TF	4.99256 ppb v/v
							Hexachlorobutadiene	5.61164 ppb v/v
							Isopropyl alcohol	5.78638 ppb v/v
							m,p-Xylene	9.98513 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	4.99256 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone	4.99256 ppb v/v
							methyl isobutyl ketone	4.99256 ppb v/v
							Methyl methacrylate	4.99256 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Butane	4.99256 ppb v/v
							n-Butanol	4.99256 ppb v/v
							n-Butylbenzene	4.99256 ppb v/v
							n-Decane	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v
							n-Hexane	4.99256 ppb v/v
							n-Nonane	4.99256 ppb v/v
							n-Octane	4.99256 ppb v/v
							N-Propylbenzene	4.99256 ppb v/v
							Naphthalene	5.93616 ppb v/v
							Pentane	4.99256 ppb v/v
							Propene	4.99256 ppb v/v
							sec-Butylbenzene	4.99256 ppb v/v
							Styrene	4.99256 ppb v/v
							tert-Butyl alcohol	4.99256 ppb v/v
							tert-Butylbenzene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v
							Tetrahydrofuran	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Undecane	4.99256 ppb v/v
							Vinyl acetate	5.68653 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
							Xylene, o-	4.99256 ppb v/v
					ATTO15EthCALw_00181	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00194	09/17/25	06/17/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00181	08/30/25	06/19/25	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00835	08/30/25	06/20/25	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00194	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,3-Trichlorobenzene	11.6477 ppb v/v
							1,2,3-Trichloropropane	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	11.7277 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							2-Methylbutane	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Acetonitrile	9.99806 ppb v/v
							Acrolein	11.7077 ppb v/v
							Acrylonitrile	9.99806 ppb v/v
							Alpha Methyl Styrene	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dibromomethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Dodecane	9.99806 ppb v/v
							Ethyl acetate	9.99806 ppb v/v
							Ethyl ether	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	11.2378 ppb v/v
							Isopropyl alcohol	11.5878 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Butanol	9.99806 ppb v/v
							n-Butylbenzene	9.99806 ppb v/v
							n-Decane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Hexane	9.99806 ppb v/v
							n-Nonane	9.99806 ppb v/v
							n-Octane	9.99806 ppb v/v
							N-Propylbenzene	9.99806 ppb v/v
							Naphthalene	11.8877 ppb v/v
							Pentane	9.99806 ppb v/v
							Propene	9.99806 ppb v/v
							sec-Butylbenzene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							tert-Butylbenzene	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Undecane	9.99806 ppb v/v
							Vinyl acetate	11.3878 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene, o-	9.99806 ppb v/v
					ATTO15EthCALw_00181	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00194	09/17/25	06/17/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00181	08/30/25	06/19/25	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00835	08/30/25	06/20/25	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00194	773 mL	1,2-Dichloroethene, Total	19.9961 ppb v/v
							Xylene (total)	29.9942 ppb v/v
.ATTO15CALSTKi_00194	09/17/25	06/17/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,2-Dichloroethene, Total	400 ppb v/v
							Xylene (total)	600 ppb v/v
..ATTO15CALs_00050	11/22/25	Linde, Lot CC-524925			(Purchased Reagent)		1,2-Dichloroethene, Total	2 ppm v/v
							Xylene (total)	3 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL5w_00154	08/30/25	06/20/25	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00194	1160 mL	1,1,1-Trichloroethane	15.0036 ppb v/v
							1,1,2,2-Tetrachloroethane	15.0036 ppb v/v
							1,1,2-Trichloroethane	15.0036 ppb v/v
							1,1-Dichloroethane	15.0036 ppb v/v
							1,1-Dichloroethene	15.0036 ppb v/v
							1,2,3-Trichlorobenzene	17.4791 ppb v/v
							1,2,3-Trichloropropane	15.0036 ppb v/v
							1,2,4-Trichlorobenzene	17.5992 ppb v/v
							1,2,4-Trimethylbenzene	15.0036 ppb v/v
							1,2-Dibromoethane	15.0036 ppb v/v
							1,2-Dichlorobenzene	15.0036 ppb v/v
							1,2-Dichloroethane	15.0036 ppb v/v
							1,2-Dichloropropane	15.0036 ppb v/v
							1,2-Dichlorotetrafluoroethane	15.0036 ppb v/v
							1,3,5-Trimethylbenzene	15.0036 ppb v/v
							1,3-Butadiene	15.0036 ppb v/v
							1,3-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dichlorobenzene	15.0036 ppb v/v
							1,4-Dioxane	15.0036 ppb v/v
							2,2,4-Trimethylpentane	15.0036 ppb v/v
							2-Chlorotoluene	15.0036 ppb v/v
							2-Methylbutane	15.0036 ppb v/v
							3-Chloropropene	15.0036 ppb v/v
							4-Ethyltoluene	15.0036 ppb v/v
							4-Isopropyltoluene	15.0036 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	15.0036 ppb v/v
							Acetonitrile	15.0036 ppb v/v
							Acrolein	17.5692 ppb v/v
							Acrylonitrile	15.0036 ppb v/v
							Alpha Methyl Styrene	15.0036 ppb v/v
							Benzene	15.0036 ppb v/v
							Benzyl chloride	15.0036 ppb v/v
							Bromodichloromethane	15.0036 ppb v/v
							Bromoethene(Vinyl Bromide)	15.0036 ppb v/v
							Bromoform	15.0036 ppb v/v
							Bromomethane	15.0036 ppb v/v
							Carbon disulfide	15.0036 ppb v/v
							Carbon tetrachloride	15.0036 ppb v/v
							Chlorobenzene	15.0036 ppb v/v
							Chloroethane	15.0036 ppb v/v
							Chloroform	15.0036 ppb v/v
							Chloromethane	15.0036 ppb v/v
							cis-1,2-Dichloroethene	15.0036 ppb v/v
							cis-1,3-Dichloropropene	15.0036 ppb v/v
							Cumene	15.0036 ppb v/v
							Cyclohexane	15.0036 ppb v/v
							Dibromochloromethane	15.0036 ppb v/v
							Dibromomethane	15.0036 ppb v/v
							Dichlorodifluoromethane	15.0036 ppb v/v
							Dodecane	15.0036 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acetate	15.0036 ppb v/v
							Ethyl ether	15.0036 ppb v/v
							Ethylbenzene	15.0036 ppb v/v
							Freon 22	15.0036 ppb v/v
							Freon TF	15.0036 ppb v/v
							Hexachlorobutadiene	16.864 ppb v/v
							Isopropyl alcohol	17.3891 ppb v/v
							m,p-Xylene	30.0071 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	15.0036 ppb v/v
							Methyl Ethyl Ketone	15.0036 ppb v/v
							methyl isobutyl ketone	15.0036 ppb v/v
							Methyl methacrylate	15.0036 ppb v/v
							Methyl tert-butyl ether	15.0036 ppb v/v
							Methylene Chloride	15.0036 ppb v/v
							n-Butane	15.0036 ppb v/v
							n-Butanol	15.0036 ppb v/v
							n-Butylbenzene	15.0036 ppb v/v
							n-Decane	15.0036 ppb v/v
							n-Heptane	15.0036 ppb v/v
							n-Hexane	15.0036 ppb v/v
							n-Nonane	15.0036 ppb v/v
							n-Octane	15.0036 ppb v/v
							N-Propylbenzene	15.0036 ppb v/v
							Naphthalene	17.8392 ppb v/v
							Pentane	15.0036 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	15.0036 ppb v/v
							sec-Butylbenzene	15.0036 ppb v/v
							Styrene	15.0036 ppb v/v
							tert-Butyl alcohol	15.0036 ppb v/v
							tert-Butylbenzene	15.0036 ppb v/v
							Tetrachloroethene	15.0036 ppb v/v
							Tetrahydrofuran	15.0036 ppb v/v
							Toluene	15.0036 ppb v/v
							trans-1,2-Dichloroethene	15.0036 ppb v/v
							trans-1,3-Dichloropropene	15.0036 ppb v/v
							Trichloroethene	15.0036 ppb v/v
							Trichlorofluoromethane	15.0036 ppb v/v
							Undecane	15.0036 ppb v/v
							Vinyl acetate	17.0891 ppb v/v
							Vinyl chloride	15.0036 ppb v/v
							Xylene, o-	15.0036 ppb v/v
					ATTO15EthCALw_00181	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00194	09/17/25	06/17/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00181	08/30/25	06/19/25	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00244	08/30/25	06/20/25	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00194	1546 mL	1,1,1-Trichloroethane	19.9961 ppb v/v
							1,1,2,2-Tetrachloroethane	19.9961 ppb v/v
							1,1,2-Trichloroethane	19.9961 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	19.9961 ppb v/v
							1,2,3-Trichlorobenzene	23.2955 ppb v/v
							1,2,3-Trichloropropane	19.9961 ppb v/v
							1,2,4-Trichlorobenzene	23.4554 ppb v/v
							1,2,4-Trimethylbenzene	19.9961 ppb v/v
							1,2-Dibromoethane	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	19.9961 ppb v/v
							1,2-Dichloroethane	19.9961 ppb v/v
							1,2-Dichloropropane	19.9961 ppb v/v
							1,2-Dichlorotetrafluoroethane	19.9961 ppb v/v
							1,3,5-Trimethylbenzene	19.9961 ppb v/v
							1,3-Butadiene	19.9961 ppb v/v
							1,3-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dichlorobenzene	19.9961 ppb v/v
							1,4-Dioxane	19.9961 ppb v/v
							2,2,4-Trimethylpentane	19.9961 ppb v/v
							2-Chlorotoluene	19.9961 ppb v/v
							2-Methylbutane	19.9961 ppb v/v
							3-Chloropropene	19.9961 ppb v/v
							4-Ethyltoluene	19.9961 ppb v/v
							4-Isopropyltoluene	19.9961 ppb v/v
							Acetone	19.9961 ppb v/v
							Acetonitrile	19.9961 ppb v/v
							Acrolein	23.4155 ppb v/v
							Acrylonitrile	19.9961 ppb v/v
							Alpha Methyl Styrene	19.9961 ppb v/v
							Benzene	19.9961 ppb v/v
							Benzyl chloride	19.9961 ppb v/v
							Bromodichloromethane	19.9961 ppb v/v
							Bromoethene(Vinyl Bromide)	19.9961 ppb v/v
							Bromoform	19.9961 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	19.9961 ppb v/v
							Carbon disulfide	19.9961 ppb v/v
							Carbon tetrachloride	19.9961 ppb v/v
							Chlorobenzene	19.9961 ppb v/v
							Chloroethane	19.9961 ppb v/v
							Chloroform	19.9961 ppb v/v
							Chloromethane	19.9961 ppb v/v
							cis-1,2-Dichloroethene	19.9961 ppb v/v
							cis-1,3-Dichloropropene	19.9961 ppb v/v
							Cumene	19.9961 ppb v/v
							Cyclohexane	19.9961 ppb v/v
							Dibromochloromethane	19.9961 ppb v/v
							Dibromomethane	19.9961 ppb v/v
							Dichlorodifluoromethane	19.9961 ppb v/v
							Dodecane	19.9961 ppb v/v
							Ethyl acetate	19.9961 ppb v/v
							Ethyl ether	19.9961 ppb v/v
							Ethylbenzene	19.9961 ppb v/v
							Freon 22	19.9961 ppb v/v
							Freon TF	19.9961 ppb v/v
							Hexachlorobutadiene	22.4756 ppb v/v
							Isopropyl alcohol	23.1755 ppb v/v
							m,p-Xylene	39.9922 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9961 ppb v/v
							Methyl Ethyl Ketone	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							methyl isobutyl ketone	19.9961 ppb v/v
							Methyl methacrylate	19.9961 ppb v/v
							Methyl tert-butyl ether	19.9961 ppb v/v
							Methylene Chloride	19.9961 ppb v/v
							n-Butane	19.9961 ppb v/v
							n-Butanol	19.9961 ppb v/v
							n-Butylbenzene	19.9961 ppb v/v
							n-Decane	19.9961 ppb v/v
							n-Heptane	19.9961 ppb v/v
							n-Hexane	19.9961 ppb v/v
							n-Nonane	19.9961 ppb v/v
							n-Octane	19.9961 ppb v/v
							N-Propylbenzene	19.9961 ppb v/v
							Naphthalene	23.7754 ppb v/v
							Pentane	19.9961 ppb v/v
							Propene	19.9961 ppb v/v
							sec-Butylbenzene	19.9961 ppb v/v
							Styrene	19.9961 ppb v/v
							tert-Butyl alcohol	19.9961 ppb v/v
							tert-Butylbenzene	19.9961 ppb v/v
							Tetrachloroethene	19.9961 ppb v/v
							Tetrahydrofuran	19.9961 ppb v/v
							Toluene	19.9961 ppb v/v
							trans-1,2-Dichloroethene	19.9961 ppb v/v
							trans-1,3-Dichloropropene	19.9961 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	19.9961 ppb v/v
							Trichlorofluoromethane	19.9961 ppb v/v
							Undecane	19.9961 ppb v/v
							Vinyl acetate	22.7756 ppb v/v
							Vinyl chloride	19.9961 ppb v/v
							Xylene, o-	19.9961 ppb v/v
					ATTO15EthCALw_00181	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00194	09/17/25	06/17/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1.124 ppm v/v
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00181	08/30/25	06/19/25	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00154	08/30/25	06/20/25	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00194	3092 mL	1,1,1-Trichloroethane	39.9922 ppb v/v
							1,1,2,2-Tetrachloroethane	39.9922 ppb v/v
							1,1,2-Trichloroethane	39.9922 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	39.9922 ppb v/v
							1,2,3-Trichlorobenzene	46.591 ppb v/v
							1,2,3-Trichloropropane	39.9922 ppb v/v
							1,2,4-Trichlorobenzene	46.9109 ppb v/v
							1,2,4-Trimethylbenzene	39.9922 ppb v/v
							1,2-Dibromoethane	39.9922 ppb v/v
							1,2-Dichlorobenzene	39.9922 ppb v/v
							1,2-Dichloroethane	39.9922 ppb v/v
							1,2-Dichloropropane	39.9922 ppb v/v
							1,2-Dichlorotetrafluoroethane	39.9922 ppb v/v
							1,3,5-Trimethylbenzene	39.9922 ppb v/v
							1,3-Butadiene	39.9922 ppb v/v
							1,3-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dichlorobenzene	39.9922 ppb v/v
							1,4-Dioxane	39.9922 ppb v/v
							2,2,4-Trimethylpentane	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	39.9922 ppb v/v
							2-Methylbutane	39.9922 ppb v/v
							3-Chloropropene	39.9922 ppb v/v
							4-Ethyltoluene	39.9922 ppb v/v
							4-Isopropyltoluene	39.9922 ppb v/v
							Acetone	39.9922 ppb v/v
							Acetonitrile	39.9922 ppb v/v
							Acrolein	46.8309 ppb v/v
							Acrylonitrile	39.9922 ppb v/v
							Alpha Methyl Styrene	39.9922 ppb v/v
							Benzene	39.9922 ppb v/v
							Benzyl chloride	39.9922 ppb v/v
							Bromodichloromethane	39.9922 ppb v/v
							Bromoethene(Vinyl Bromide)	39.9922 ppb v/v
							Bromoform	39.9922 ppb v/v
							Bromomethane	39.9922 ppb v/v
							Carbon disulfide	39.9922 ppb v/v
							Carbon tetrachloride	39.9922 ppb v/v
							Chlorobenzene	39.9922 ppb v/v
							Chloroethane	39.9922 ppb v/v
							Chloroform	39.9922 ppb v/v
							Chloromethane	39.9922 ppb v/v
							cis-1,2-Dichloroethene	39.9922 ppb v/v
							cis-1,3-Dichloropropene	39.9922 ppb v/v
							Cumene	39.9922 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	39.9922 ppb v/v
							Dibromochloromethane	39.9922 ppb v/v
							Dibromomethane	39.9922 ppb v/v
							Dichlorodifluoromethane	39.9922 ppb v/v
							Dodecane	39.9922 ppb v/v
							Ethyl acetate	39.9922 ppb v/v
							Ethyl ether	39.9922 ppb v/v
							Ethylbenzene	39.9922 ppb v/v
							Freon 22	39.9922 ppb v/v
							Freon TF	39.9922 ppb v/v
							Hexachlorobutadiene	44.9513 ppb v/v
							Isopropyl alcohol	46.351 ppb v/v
							m,p-Xylene	79.9845 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9922 ppb v/v
							Methyl Ethyl Ketone	39.9922 ppb v/v
							methyl isobutyl ketone	39.9922 ppb v/v
							Methyl methacrylate	39.9922 ppb v/v
							Methyl tert-butyl ether	39.9922 ppb v/v
							Methylene Chloride	39.9922 ppb v/v
							n-Butane	39.9922 ppb v/v
							n-Butanol	39.9922 ppb v/v
							n-Butylbenzene	39.9922 ppb v/v
							n-Decane	39.9922 ppb v/v
							n-Heptane	39.9922 ppb v/v
							n-Hexane	39.9922 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Nonane	39.9922 ppb v/v
							n-Octane	39.9922 ppb v/v
							N-Propylbenzene	39.9922 ppb v/v
							Naphthalene	47.5508 ppb v/v
							Pentane	39.9922 ppb v/v
							Propene	39.9922 ppb v/v
							sec-Butylbenzene	39.9922 ppb v/v
							Styrene	39.9922 ppb v/v
							tert-Butyl alcohol	39.9922 ppb v/v
							tert-Butylbenzene	39.9922 ppb v/v
							Tetrachloroethene	39.9922 ppb v/v
							Tetrahydrofuran	39.9922 ppb v/v
							Toluene	39.9922 ppb v/v
							trans-1,2-Dichloroethene	39.9922 ppb v/v
							trans-1,3-Dichloropropene	39.9922 ppb v/v
							Trichloroethene	39.9922 ppb v/v
							Trichlorofluoromethane	39.9922 ppb v/v
							Undecane	39.9922 ppb v/v
							Vinyl acetate	45.5512 ppb v/v
							Vinyl chloride	39.9922 ppb v/v
							Xylene, o-	39.9922 ppb v/v
					ATTO15EthCALw_00181	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00194	09/17/25	06/17/25	Nitrogen, Lot 13	37.5 L	ATTO15CALs_00050	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,3-Trichlorobenzene	233 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	200 ppb v/v
							1,2,4-Trichlorobenzene	234.6 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							2-Methylbutane	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Acetonitrile	200 ppb v/v
							Acrolein	234.2 ppb v/v
							Acrylonitrile	200 ppb v/v
							Alpha Methyl Styrene	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dibromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Dodecane	200 ppb v/v
							Ethyl acetate	200 ppb v/v
							Ethyl ether	200 ppb v/v
							Ethylbenzene	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	224.8 ppb v/v
							Isopropyl alcohol	231.8 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Butanol	200 ppb v/v
							n-Butylbenzene	200 ppb v/v
							n-Decane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							n-Nonane	200 ppb v/v
							n-Octane	200 ppb v/v
							N-Propylbenzene	200 ppb v/v
							Naphthalene	237.8 ppb v/v
							Pentane	200 ppb v/v
							Propene	200 ppb v/v
							sec-Butylbenzene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							tert-Butylbenzene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Undecane	200 ppb v/v
							Vinyl acetate	227.8 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00050	11/22/25		Linde, Lot CC-524925		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,3-Trichlorobenzene	1.165 ppm v/v
							1,2,3-Trichloropropane	1 ppm v/v
							1,2,4-Trichlorobenzene	1.173 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							2-Methylbutane	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Acetonitrile	1 ppm v/v
							Acrolein	1.171 ppm v/v
							Acrylonitrile	1 ppm v/v
							Alpha Methyl Styrene	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dibromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Dodecane	1 ppm v/v
							Ethyl acetate	1 ppm v/v
							Ethyl ether	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1.124 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	1.159 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Butanol	1 ppm v/v
							n-Butylbenzene	1 ppm v/v
							n-Decane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							n-Nonane	1 ppm v/v
							n-Octane	1 ppm v/v
							N-Propylbenzene	1 ppm v/v
							Naphthalene	1.189 ppm v/v
							Pentane	1 ppm v/v
							Propene	1 ppm v/v
							sec-Butylbenzene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							tert-Butylbenzene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Undecane	1 ppm v/v
							Vinyl acetate	1.139 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene, o-	1 ppm v/v
.ATTO15EthCALw_00181	08/30/25	06/19/25	Nitrogen, Lot 12	37.5 ppb	1gEthanol_00005	18.75 uL	Ethanol	500 ppb v/v
..1gEthanol_00005	08/30/25	ChemService, Lot 12173500			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CISs_00012							1,2-Dichloroethene, Total	
							1,4-Difluorobenzene	100 ppb v/v
							BFB	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
							Tentatively Identified Compound	
							Total Alkanes	
							Xylene (total)	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15LCSW_00885	08/13/25	05/15/25	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00153	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00153	08/13/25	05/13/25	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00051	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00051	11/22/25		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							Naphthalene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15LCSW_00886	10/30/25	07/30/25	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00154	773 mL	1,1,1-Trichloroethane	9.99806 ppb v/v
							1,1,2,2-Tetrachloroethane	9.99806 ppb v/v
							1,1,2-Trichloroethane	9.99806 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	9.99806 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	9.99806 ppb v/v
							1,2,4-Trimethylbenzene	9.99806 ppb v/v
							1,2-Dibromoethane	9.99806 ppb v/v
							1,2-Dichlorobenzene	9.99806 ppb v/v
							1,2-Dichloroethane	9.99806 ppb v/v
							1,2-Dichloroethene, Total	19.9961 ppb v/v
							1,2-Dichloropropane	9.99806 ppb v/v
							1,2-Dichlorotetrafluoroethane	9.99806 ppb v/v
							1,3,5-Trimethylbenzene	9.99806 ppb v/v
							1,3-Butadiene	9.99806 ppb v/v
							1,3-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dichlorobenzene	9.99806 ppb v/v
							1,4-Dioxane	9.99806 ppb v/v
							2,2,4-Trimethylpentane	9.99806 ppb v/v
							2-Chlorotoluene	9.99806 ppb v/v
							3-Chloropropene	9.99806 ppb v/v
							4-Ethyltoluene	9.99806 ppb v/v
							4-Isopropyltoluene	9.99806 ppb v/v
							Acetone	9.99806 ppb v/v
							Benzene	9.99806 ppb v/v
							Benzyl chloride	9.99806 ppb v/v
							Bromodichloromethane	9.99806 ppb v/v
							Bromoethene(Vinyl Bromide)	9.99806 ppb v/v
							Bromoform	9.99806 ppb v/v
							Bromomethane	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	9.99806 ppb v/v
							Carbon tetrachloride	9.99806 ppb v/v
							Chlorobenzene	9.99806 ppb v/v
							Chloroethane	9.99806 ppb v/v
							Chloroform	9.99806 ppb v/v
							Chloromethane	9.99806 ppb v/v
							cis-1,2-Dichloroethene	9.99806 ppb v/v
							cis-1,3-Dichloropropene	9.99806 ppb v/v
							Cumene	9.99806 ppb v/v
							Cyclohexane	9.99806 ppb v/v
							Dibromochloromethane	9.99806 ppb v/v
							Dichlorodifluoromethane	9.99806 ppb v/v
							Ethylbenzene	9.99806 ppb v/v
							Freon 22	9.99806 ppb v/v
							Freon TF	9.99806 ppb v/v
							Hexachlorobutadiene	9.99806 ppb v/v
							Isopropyl alcohol	9.99806 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.99806 ppb v/v
							Methyl Ethyl Ketone	9.99806 ppb v/v
							methyl isobutyl ketone	9.99806 ppb v/v
							Methyl methacrylate	9.99806 ppb v/v
							Methyl tert-butyl ether	9.99806 ppb v/v
							Methylene Chloride	9.99806 ppb v/v
							n-Butane	9.99806 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	9.99806 ppb v/v
							n-Hexane	9.99806 ppb v/v
							Naphthalene	9.99806 ppb v/v
							Styrene	9.99806 ppb v/v
							tert-Butyl alcohol	9.99806 ppb v/v
							Tetrachloroethene	9.99806 ppb v/v
							Tetrahydrofuran	9.99806 ppb v/v
							Toluene	9.99806 ppb v/v
							trans-1,2-Dichloroethene	9.99806 ppb v/v
							trans-1,3-Dichloropropene	9.99806 ppb v/v
							Trichloroethene	9.99806 ppb v/v
							Trichlorofluoromethane	9.99806 ppb v/v
							Vinyl chloride	9.99806 ppb v/v
							Xylene (total)	29.9942 ppb v/v
							Xylene, o-	9.99806 ppb v/v
.ATTO15LCSSTKi_00154	11/22/25	07/29/25	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00051	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trichlorobenzene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dibromoethane	200 ppb v/v
							1,2-Dichlorobenzene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,2-Dichlorotetrafluoroethane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							1,3-Butadiene	200 ppb v/v
							1,3-Dichlorobenzene	200 ppb v/v
							1,4-Dichlorobenzene	200 ppb v/v
							1,4-Dioxane	200 ppb v/v
							2,2,4-Trimethylpentane	200 ppb v/v

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	200 ppb v/v
							3-Chloropropene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							4-Isopropyltoluene	200 ppb v/v
							Acetone	200 ppb v/v
							Benzene	200 ppb v/v
							Benzyl chloride	200 ppb v/v
							Bromodichloromethane	200 ppb v/v
							Bromoethene(Vinyl Bromide)	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Carbon disulfide	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cumene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dibromochloromethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Freon 22	200 ppb v/v
							Freon TF	200 ppb v/v
							Hexachlorobutadiene	200 ppb v/v
							Isopropyl alcohol	200 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	200 ppb v/v
							Methyl Ethyl Ketone	200 ppb v/v
							methyl isobutyl ketone	200 ppb v/v
							Methyl methacrylate	200 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Butane	200 ppb v/v
							n-Heptane	200 ppb v/v
							n-Hexane	200 ppb v/v
							Naphthalene	200 ppb v/v
							Styrene	200 ppb v/v
							tert-Butyl alcohol	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Tetrahydrofuran	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylene (total)	600 ppb v/v
							Xylene, o-	200 ppb v/v
..ATTO15CALs_00051	11/22/25		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trichlorobenzene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dibromoethane	1 ppm v/v
							1,2-Dichlorobenzene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,2-Dichlorotetrafluoroethane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							1,3-Butadiene	1 ppm v/v
							1,3-Dichlorobenzene	1 ppm v/v
							1,4-Dichlorobenzene	1 ppm v/v
							1,4-Dioxane	1 ppm v/v
							2,2,4-Trimethylpentane	1 ppm v/v
							2-Chlorotoluene	1 ppm v/v
							3-Chloropropene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							4-Isopropyltoluene	1 ppm v/v
							Acetone	1 ppm v/v
							Benzene	1 ppm v/v
							Benzyl chloride	1 ppm v/v
							Bromodichloromethane	1 ppm v/v
							Bromoethene(Vinyl Bromide)	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Carbon disulfide	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cumene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dibromochloromethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Freon 22	1 ppm v/v
							Freon TF	1 ppm v/v
							Hexachlorobutadiene	1 ppm v/v
							Isopropyl alcohol	1 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1 ppm v/v
							Methyl Ethyl Ketone	1 ppm v/v
							methyl isobutyl ketone	1 ppm v/v
							Methyl methacrylate	1 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Butane	1 ppm v/v
							n-Heptane	1 ppm v/v
							n-Hexane	1 ppm v/v
							Naphthalene	1 ppm v/v
							Styrene	1 ppm v/v
							tert-Butyl alcohol	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Tetrahydrofuran	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylene (total)	3 ppm v/v
							Xylene, o-	1 ppm v/v
ATTO15WISs_00010							1,2-Dichloroethene, Total	
							1,4-Difluorobenzene	100 ppb v/v
							BFB	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
							Tentatively Identified Compound	
							Total Alkanes	
							Xylene (total)	

Reagent

1gEthanol_00005

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
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CERTIFICATE OF ANALYSIS

Ethyl alcohol

CATALOG NUMBER	N-11885-1G
LOT NUMBER	12173500
DATE CERTIFIED	08/21/19
EXPIRATION DATE	08/30/25
CAS NUMBER	64-17-5
MOLECULAR FORMULA	C2H6O
MOLECULAR WEIGHT	46.07
STORAGE	Store at room temperature (20 - 25 °C).
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratory use only.

Analytical Test	Value
% PURITY (GC/TCD)	99.5
% PURITY (GC/FID)	100.0
FT-IR SPECTROSCOPY	CONFORMS TO STRUCTURE
PHYSICAL APPEARANCE	COLORLESS LIQUID
% PURITY	99.8
ISO 17034:2016	CERTIFIED REFERENCE MATERIAL

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Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

PJLA Testing
Accreditation #0529

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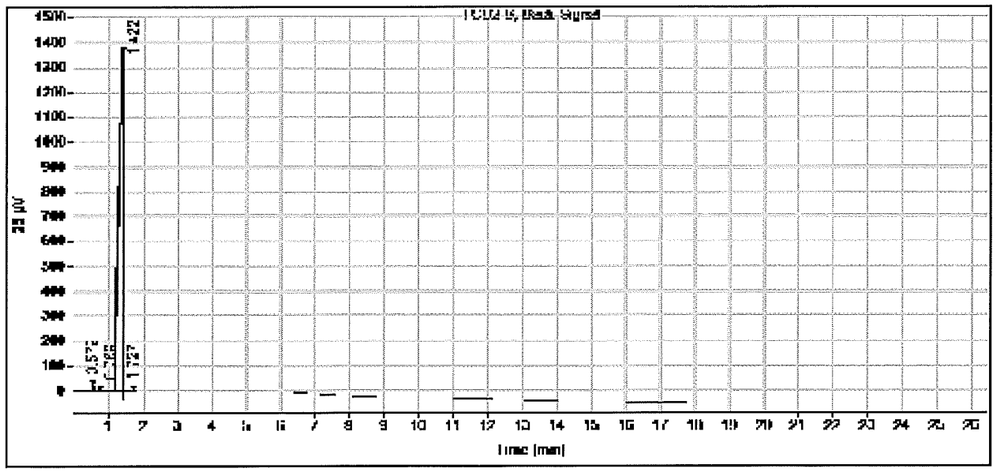
CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2019 DATA\0718\SIG2022556.D

Sample name: N-11885 NEAT TCD

Instrument:	GC 1	**Sample type:**	Sample
Injection date:	7/31/2019 11:37:41 AM	**Location:**	Vial 101
Acq. method:	N-11885 TCD.M	**Injection volume:**	1.0uL
Column name:	DB-624 (30m x 0.53mm x 3.0um)		



Signal: TCD2 B, Back Signal

RT [min]	Type	Width [min]	Area	Height	Area%
0.572	BB	0.0212	35.3817	25.4750	0.3006
0.769	BB	0.0375	16.7108	5.8171	0.1420
1.422	BB	0.1103	11708.3486	1361.3082	99.4587
1.727	BB	0.0260	11.6247	7.1305	0.0987
		Sum	11772.0658		

PJLA Testing

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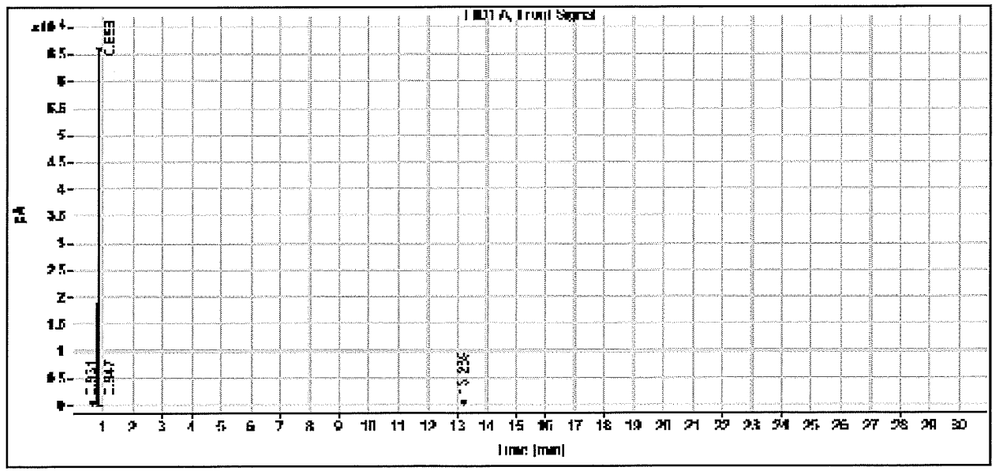
CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2019 DATA\073019\073019B 2019-07-30 16-13-42 \101F0403.D

Sample name: N-11885 neat

Instrument:	GC 1	**Sample type:**	Sample
Injection date:	7/31/2019 3:39:30 AM	**Location:**	Vial 101
Acq. method:	N-11885.M	**Injection volume:**	1.0uL
Column name:	DB-624 (30m x 0.53mm x 3.0um)		



Signal: FID1 A, Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
0.631	BV	0.0075	0.2668	0.5372	0.0002
0.647	VB	0.0112	27.4219	37.6672	0.0185
0.868	BB S	0.0287	148490.7656	65443.6719	99.9813
13.239	BB	0.0025	0.0186	0.1089	0.0000
		Sum	148518.4729		

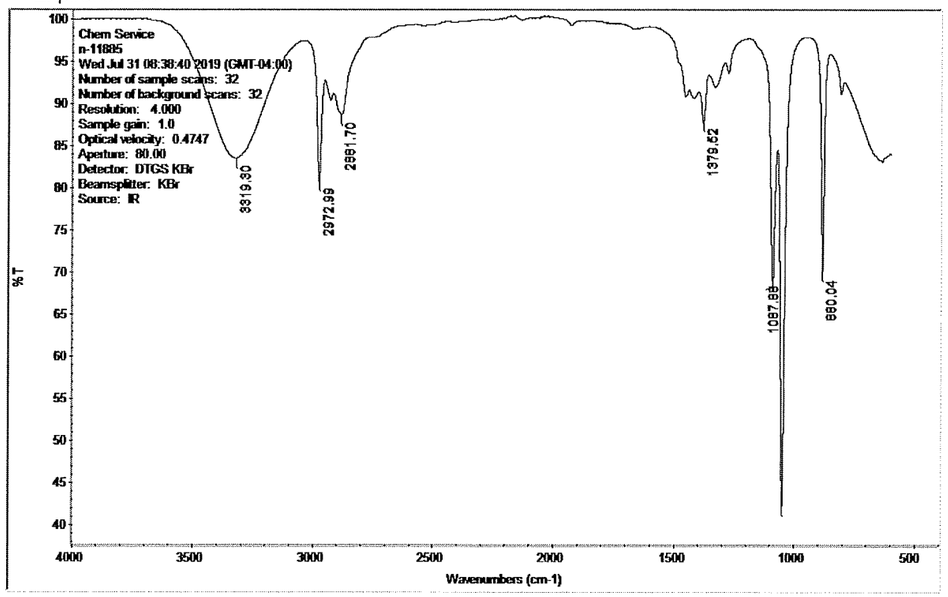
PJLA Testing

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Analysis Method:

Catalog Number:	N-11885-1G
Description:	Ethyl alcohol
Lot Number:	12173500
Expiration Date:	08/30/25



PJLA Testing

Reagent

ATTO15CALs_00050

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ISO/IEC 17025

ANAB ACCREDITED TESTING LABORATORY

Analysis Report

1871092

ID ATTO15CALS_00050
Exp 11/22/25 Prpd VTP
TO15 Calibration Source I

VTP 3/27/24

SHIPPED TO:
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 1 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

VTP 3/26/25

Primary Reference Material intended for the calibration of gas analyzers or instrumentation. General instructions for proper use of gas mixtures are found in "ISO 16664: Gas analysis – handling of calibration gases and gas mixtures".

Contents under pressure, store in secure area and do not expose to temperatures greater than 150 °F.

Recommended Operating temperature within 32°F (0°C) and 125°F (52°C).

Recommended minimum sample size 10 mL.

Except where noted, results are reported in mole/mole ppm as determined by Gas Chromatography using qualified reference standards under ANA-50-741-ALP and ANA-50-742-ALP and meets ISO/IEC 17025 requirements. Every cylinder is analyzed and represents one unique lot.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor providing a level of confidence of 95% and has been carried out in accordance with ISO/IEC 17025 requirements.

This report is issued in accordance with the laboratory accreditation requirements of ANAB. It provides traceability of measurement to recognized national standards, and to units of measurement realized by the National Institute of Standards and Technology (NIST).

Linde Spectra Environmental Gases

Linde North America, Inc.

80 Industrial Drive, Alpha, NJ 08865
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www.lideus.com

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Analysis Report

SHIPPED TO:
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 2 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	* ~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Propylene	115-07-1	1.000 ppm	2.571	1.066 ppm	± 0.050 ppm
Chlorodifluoromethane	75-45-6	1.000 ppm	2.571	1.065 ppm	± 0.044 ppm
Freon-12	75-71-8	1.000 ppm	2.571	1.048 ppm	± 0.033 ppm
Chloromethane	74-87-3	1.000 ppm	2.571	1.055 ppm	± 0.050 ppm
Freon-114	76-14-2	1.000 ppm	2.571	1.056 ppm	± 0.055 ppm
Vinyl Chloride	75-01-4	1.000 ppm	2.571	1.052 ppm	± 0.035 ppm
1,3-Butadiene	106-99-0	1.000 ppm	2.571	1.059 ppm	± 0.030 ppm
Methanol	67-56-1	1.000 ppm	2.571	1.213 ppm	± 0.034 ppm
n-Butane	106-97-8	1.000 ppm	2.571	1.051 ppm	± 0.021 ppm
Bromomethane	74-83-9	1.000 ppm	2.571	1.051 ppm	± 0.033 ppm
Chloroethane	75-00-3	1.000 ppm	2.571	1.046 ppm	± 0.028 ppm
Vinyl Bromide	593-60-2	1.000 ppm	2.571	1.058 ppm	± 0.028 ppm
Acetonitrile	75-05-8	1.000 ppm	2.571	1.101 ppm	± 0.036 ppm
Acrolein	107-02-8	1.000 ppm	2.571	1.171 ppm	± 0.038 ppm
Isopentane	78-78-4	1.000 ppm	2.571	1.060 ppm	± 0.038 ppm
Acetone	67-64-1	1.000 ppm	2.571	1.066 ppm	± 0.036 ppm
Freon-11	75-69-4	1.000 ppm	2.571	1.029 ppm	± 0.026 ppm
Isopropyl Alcohol	67-63-0	1.000 ppm	2.571	1.159 ppm	± 0.029 ppm
n-Pentane	109-66-0	1.000 ppm	2.571	1.057 ppm	± 0.026 ppm
Acrylonitrile	107-13-1	1.000 ppm	2.571	1.070 ppm	± 0.034 ppm
Ethyl Ether	60-29-7	1.000 ppm	2.571	1.059 ppm	± 0.043 ppm
1,1-Dichloroethene	75-35-4	1.000 ppm	2.571	1.087 ppm	± 0.034 ppm
Carbon Disulfide	75-15-0	1.000 ppm	2.571	1.083 ppm	± 0.034 ppm
Methylene Chloride	75-09-2	1.000 ppm	2.571	1.063 ppm	± 0.027 ppm
Tert-Butanol	75-65-0	1.000 ppm	2.571	1.084 ppm	± 0.027 ppm
3-Chloropropene	107-05-1	1.000 ppm	2.571	1.047 ppm	± 0.026 ppm
Freon-113	76-13-1	1.000 ppm	2.571	1.082 ppm	± 0.033 ppm

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Analysis Report

SHIPPED TO:
Test America Inc
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PAGE: 3 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	* ~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Trans-1,2-Dichloroethene	156-60-5	1.000 ppm	2.571	1.035 ppm	± 0.034 ppm
1,1-Dichloroethane	75-34-3	1.000 ppm	2.571	1.042 ppm	± 0.042 ppm
Methyl Tert Butyl Ether	1634-04-4	1.000 ppm	2.571	1.050 ppm	± 0.031 ppm
Vinyl Acetate	108-05-4	1.000 ppm	2.571	1.139 ppm	± 0.030 ppm
Methyl Ethyl Ketone	78-93-3	1.000 ppm	2.571	1.060 ppm	± 0.023 ppm
Cis-1,2-Dichloroethene	156-59-2	1.000 ppm	2.571	1.081 ppm	± 0.042 ppm
Hexane	110-54-3	1.000 ppm	2.571	1.057 ppm	± 0.041 ppm
Chloroform	67-66-3	1.000 ppm	2.571	1.034 ppm	± 0.026 ppm
Ethyl Acetate	141-78-6	1.000 ppm	2.571	1.028 ppm	± 0.026 ppm
Tetrahydrofuran	109-99-9	1.000 ppm	2.571	1.058 ppm	± 0.025 ppm
1,2-Dichloroethane	107-06-2	1.000 ppm	2.571	1.037 ppm	± 0.032 ppm
1,1,1-Trichloroethane	71-55-6	1.000 ppm	2.571	1.040 ppm	± 0.034 ppm
Benzene	71-43-2	1.000 ppm	2.571	1.042 ppm	± 0.040 ppm
1-Butanol	71-36-3	1.000 ppm	2.571	1.092 ppm	± 0.027 ppm
Carbon Tetrachloride	56-23-5	1.000 ppm	2.571	1.045 ppm	± 0.026 ppm
Cyclohexane	110-82-7	1.000 ppm	2.571	1.058 ppm	± 0.032 ppm
Dibromomethane	74-95-3	1.000 ppm	2.571	1.044 ppm	± 0.026 ppm
1,2-Dichloropropane	78-87-5	1.000 ppm	2.571	1.052 ppm	± 0.026 ppm
Trichloroethylene	79-01-6	1.000 ppm	2.571	1.048 ppm	± 0.025 ppm
Bromodichloromethane	75-27-4	1.000 ppm	2.571	1.043 ppm	± 0.025 ppm
1,4-Dioxane	123-91-1	1.000 ppm	2.571	1.045 ppm	± 0.025 ppm
2,2,4-Trimethylpentane	540-84-1	1.000 ppm	2.571	1.044 ppm	± 0.025 ppm
Methyl Methacrylate	80-62-6	1.000 ppm	2.571	1.049 ppm	± 0.024 ppm
Heptane	142-82-5	1.000 ppm	2.571	1.048 ppm	± 0.024 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.000 ppm	2.571	1.056 ppm	± 0.028 ppm
Methyl Isobutyl Ketone	108-10-1	1.000 ppm	2.571	1.044 ppm	± 0.028 ppm
Methylcyclohexane	108-87-2	1.000 ppm	2.571	1.042 ppm	± 0.028 ppm

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Analysis Report

SHIPPED TO:
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PAGE: 4 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	* ~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Trans-1,3-Dichloropropene	10061-02-6	1.000 ppm	2.571	1.053 ppm	± 0.026 ppm
1,1,2-Trichloroethane	79-00-5	1.000 ppm	2.571	1.046 ppm	± 0.023 ppm
Toluene	108-88-3	1.000 ppm	2.571	1.051 ppm	± 0.021 ppm
Methyl Butyl Ketone	591-78-6	1.000 ppm	2.571	1.057 ppm	± 0.024 ppm
Dibromochloromethane	124-48-1	1.000 ppm	2.571	1.052 ppm	± 0.023 ppm
1,2-Dibromoethane	106-93-4	1.000 ppm	2.571	1.049 ppm	± 0.023 ppm
n-Octane	111-65-9	1.000 ppm	2.571	1.056 ppm	± 0.027 ppm
Tetrachloroethylene	127-18-4	1.000 ppm	2.571	1.039 ppm	± 0.020 ppm
Chlorobenzene	108-90-7	1.000 ppm	2.571	1.051 ppm	± 0.023 ppm
Ethylbenzene	100-41-4	1.000 ppm	2.571	1.053 ppm	± 0.022 ppm
p-xylene	106-42-3	1.000 ppm	2.571	1.051 ppm	± 0.021 ppm
m-xylene	108-38-3	1.000 ppm	2.571	1.048 ppm	± 0.021 ppm
Bromoform	75-25-2	1.000 ppm	2.571	1.051 ppm	± 0.051 ppm
Styrene	100-42-5	1.000 ppm	2.571	1.056 ppm	± 0.023 ppm
o-xylene	95-47-6	1.000 ppm	2.571	1.051 ppm	± 0.022 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.000 ppm	2.571	1.051 ppm	± 0.022 ppm
1,2,3-Trichloropropane	96-18-4	1.000 ppm	2.571	1.065 ppm	± 0.031 ppm
Nonane	111-84-2	1.000 ppm	2.571	1.052 ppm	± 0.021 ppm
Cumene	98-82-8	1.000 ppm	2.571	1.057 ppm	± 0.024 ppm
2-Chlorotoluene	95-49-8	1.000 ppm	2.571	1.063 ppm	± 0.031 ppm
n-Propylbenzene	103-65-1	1.000 ppm	2.571	1.057 ppm	± 0.031 ppm
4-Ethyltoluene	622-96-8	1.000 ppm	2.571	1.052 ppm	± 0.039 ppm
1,3,5-Trimethylbenzene	108-67-8	1.000 ppm	2.571	1.053 ppm	± 0.045 ppm
alpha-Methyl Styrene	98-83-9	1.000 ppm	2.571	1.081 ppm	± 0.045 ppm
Tert-Butyl Benzene	98-06-6	1.000 ppm	2.571	1.062 ppm	± 0.048 ppm
1,2,4-Trimethylbenzene	95-63-6	1.000 ppm	2.571	1.069 ppm	± 0.048 ppm
1,3-Dichlorobenzene	541-73-1	1.000 ppm	2.571	1.086 ppm	± 0.050 ppm

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PAGE: 5 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Benzyl Chloride	100-44-7	1.000 ppm	2.571	1.078 ppm	± 0.049 ppm
n-Decane	124-18-5	1.000 ppm	2.571	1.080 ppm	± 0.049 ppm
1,4-Dichlorobenzene	106-46-7	1.000 ppm	2.571	1.087 ppm	± 0.048 ppm
Sec-Butyl Benzene	135-98-8	1.000 ppm	2.571	1.067 ppm	± 0.051 ppm
4-Isopropyltoluene	99-87-6	1.000 ppm	2.571	1.077 ppm	± 0.056 ppm
1,2-Dichlorobenzene	95-50-1	1.000 ppm	2.571	1.080 ppm	± 0.047 ppm
n-Butyl Benzene	104-51-8	1.000 ppm	2.571	1.092 ppm	± 0.059 ppm
n-Undecane	1120-21-4	1.000 ppm	2.571	1.074 ppm	± 0.058 ppm
1,2,4-Trichlorobenzene	120-82-1	1.000 ppm	2.571	1.173 ppm	± 0.068 ppm
Naphthalene	91-20-3	1.000 ppm	2.571	1.189 ppm	± 0.094 ppm
n-Dodecane	112-40-3	1.000 ppm	2.571	1.084 ppm	± 0.076 ppm

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Expiration Date: *	Mar-27-2025 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
1,2,3-Trichlorobenzene	87-61-6	1.000 ppm	2.571	1.165 ppm	± 0.082 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.000 ppm	2.571	1.124 ppm	± 0.064 ppm
Nitrogen	7727-37-9	Balance		Balance	

20% Blend Tolerance on Acetonitrile, Acrolein, Isopropyl Alcohol, Vinyl Acetate, Tert-Butanol, 1-Butanol, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene, alpha-Methylstyrene, Benzyl Chloride, and Hexachloro-1,3-Butadiene.

25% Blend Tolerance on Methanol.

No Stability Guarantee on Methanol.

* Recertification 03/26/25. New exp date: 11/22/25
* Recertification process include.

Lou Lorenzetti

ANALYST: Lou Lorenzetti

DATE: Mar-27-2024

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Analyte	Knoxville 40	VT 40 (AVE)	RDP
Propene	39.3	40	0.88
Dichlorodifluoromethane	33.4	34.3	1.33
Chlorodifluoromethane	36.4	37.1	0.95
1,2-Dichloro-1,1,2,2-tetrafluoroethane	33.9	35	1.60
Chloromethane	36.9	38	1.47
Butane	39.1	40.5	1.76
Vinyl chloride	35.8	36.7	1.24
Butadiene	36.2	36.4	0.28
Bromomethane	34.2	35.4	1.72
Chloroethane	36	37	1.37
2-Methylbutane	38	38.6	0.78
Vinyl bromide	34.5	35	0.72
Trichlorofluoromethane	33.2	34	1.19
Pentane	39	39.6	0.76
Ethanol	N/A		#VALUE!
Ethyl ether	37.5	38.6	1.45
Acrolein	43.9	47.3	3.73
1,1,2-Trichloro-1,2,2-trifluoroethane	34.1	34.6	0.73
1,1-Dichloroethene	34	34.5	0.73
Acetone	39.8	40.5	0.87
Isopropyl alcohol	44.9	46.1	1.32
Carbon disulfide	35.5	36.1	0.84
3-Chloro-1-propene	39.8	41	1.49
Acetonitrile	42.2	42.6	0.47
Methylene Chloride	38.2	38.5	0.39
2-Methyl-2-propanol	37.6	38.3	0.92
Methyl tert-butyl ether	35.5	36.4	1.25
trans-1,2-Dichloroethene	37.6	37.5	0.13
Acrylonitrile	40.1	41.1	1.23
Hexane	37.7	38.8	1.44
1,1-Dichloroethane	36.3	37	0.95
Vinyl acetate	45.1	48.8	3.94
2-Butanone (MEK)	37.6	38.1	0.66
Ethyl acetate	38.4	37.6	1.05
cis-1,2-Dichloroethene	33.5	35.1	2.33
Tetrahydrofuran	41.1	41.7	0.72
Chloroform	35.1	35.6	0.71
1,1,1-Trichloroethane	34.6	34.6	0.00
Cyclohexane	36.1	36.6	0.69
Carbon tetrachloride	34.6	37.7	4.29
Isooctane	37.7	38.1	0.53
Benzene	36.3	36.1	0.28
1,2-Dichloroethane	37.3	37.1	0.27

n-Heptane	40	40.3	0.37
n-Butanol	40.1	38.7	1.78
Trichloroethene	36.4	36.1	0.41
1,2-Dichloropropane	38.5	38.5	0.00
Methyl methacrylate	38.5	39.2	0.90
1,4-Dioxane	34.5	34.5	0.00
Dibromomethane	33.1	32.2	1.38
Dichlorobromomethane	36.1	36.7	0.82
cis-1,3-Dichloropropene	37.9	38.3	0.52
4-Methyl-2-pentanone (MIBK)	41.5	41.3	0.24
n-Octane	40.1	40.5	0.50
Toluene	35.8	35.8	0.00
trans-1,3-Dichloropropene	37.5	38.2	0.92
1,1,2-Trichloroethane	37.2	37	0.27
Tetrachloroethene	32.6	32.4	0.31
2-Hexanone	41.9	40.7	1.45
Chlorodibromomethane	34.4	35.6	1.71
Ethylene Dibromide	36	36.2	0.28
Chlorobenzene	34	34	0.00
Ethylbenzene	34.6	34.5	0.14
n-Nonane	38.4	38.5	0.13
m-Xylene & p-Xylene	68.7	68.6	0.07
o-Xylene	35.1	35.2	0.14
Styrene	36.1	35.8	0.42
Bromoform	31.3	35.5	6.29
Isopropylbenzene	33.3	33.6	0.45
1,1,2,2-Tetrachloroethane	36	36.2	0.28
N-Propylbenzene	32.8	33	0.30
1,2,3-Trichloropropane	35.7	35.8	0.14
n-Decane	37.7	38.1	0.53
4-Ethyltoluene	33.2	33.3	0.15
2-Chlorotoluene	34.5	34.6	0.14
1,3,5-Trimethylbenzene	33.3	33.9	0.89
Alpha Methyl Styrene	35.1	35.4	0.43
tert-Butylbenzene	32.4	32.9	0.77
1,2,4-Trimethylbenzene	33.3	33.7	0.60
sec-Butylbenzene	32	32.4	0.62
4-Isopropyltoluene	32	32.3	0.47
1,3-Dichlorobenzene	32.6	32.6	0.00
1,4-Dichlorobenzene	33.3	32.6	1.06
Benzyl chloride	35.3	35.7	0.56
Undecane	37.6	39.3	2.21
n-Butylbenzene	33.4	34.2	1.18
1,2-Dichlorobenzene	32.5	32.4	0.15

Dodecane	36.7	37.9	1.61
1,2,4-Trichlorobenzene	40.8	40.1	0.87
Hexachlorobutadiene	33.7	35.2	2.18
Naphthalene	45.7	44.5	1.33
1,2,3-Trichlorobenzene	39.9	39.1	1.01

* Knoxville 40 ppb Standard test.
  chrom WL 64392 @ 3/24/25

* TA Burlington 1st 40 ppb Standard test.
  chrom WL 64392 @ 3/24/25
  - 2nd 40 ppb Standard test.
  chrom WL 64410 @ 3/26/25

* Knoxville Standard results compared with the ~~two~~ VTP 3/26/25 average of the two results TA Burlington standard.

VTP 3/26/25

4700 Precision Diluter Standards Preparation Report

Date: 3/13/2025 1:48:34 PM
Report ID: 200ppbTankEOnly
Prepared By: RDR
Software Version: 2.2.0.32

Dilution ID: C:\SmartLabs\Data\4700\Methods\200ppbv Primary E_Q.4700.Dilution
Aborted: No
Target Final Psia: 36.7 psia
Standard Name: BurlingtonRecert_TankE
Canister Volume: 15 Liter cc **Canister ID:** S4665
Comment: 200ppbTankEOnlyRecertforBurlington

Channel Methods

Ch.	Channel Name	Init. Conc.	Target Conc.	Final Conc.	Conc. Level	Dilution Factor	Initial Psia	Target Psia	Final Psia	Final Psid	Duration hh:mm:ss
1	Nitrogen Diluent	100	100	N/A	%	1	0.42	12	11.99	11.57	00:23:47
2	Q extra 694339										
3	D Mega 736646										
4	N Extra 694341										
5	E Mega 767798	1000	200	200.24	ppb	5	11.99	19.25	19.25	7.27	00:19:08
6	Re-Dilute										
1	Nitrogen Diluent	100	100	N/A	%	1	19.25	36.7	36.7	17.45	00:30:38

Total Duration: 01:13:36

Channel Configuration and Standards Inventory

Ch.	Channel Name	Init. Conc.	Conc. Level	Cylinder Id	Received	Expiration	Notes
1	Nitrogen Diluent	100	%		1/29/2025 9:17:28 AM	1/29/2025 9:17:28 AM	
2	Q extra 694339	1000	ppb		5/27/2024 9:17:28 AM	5/10/2025 9:17:28 AM	
3	D Mega 736646	1000	ppb		12/2/2020 9:17:28 AM	11/22/2025 9:17:28 AM	
4	N Extra 694341	1000	ppb		8/1/2016 9:17:28 AM	5/10/2025 9:17:28 AM	
5	E Mega 767798	1000	ppb		12/31/2024 9:17:28 AM	11/22/2025 9:17:28 AM	
6	Re-Dilute	200	ppb		2/13/2025 9:17:28 AM	4/14/2025 9:17:28 AM	

4700 Precision Diluter Standards Preparation Report

Date: 3/13/2025 1:48:34 PM
Report ID: 200ppbTankEOnly
Prepared By: RDR
Software Version: 2.2.0.32

Dilution ID: C:\SmartLabs\Data\4700\Methods\200ppbv Primary E_Q.4700.Dilution
Aborted: No
Target Final Psia: 36.7 psia
Standard Name: BurlingtonRecert_TankE
Canister Volume: 15 Liter cc **Canister ID:** S4665
Comment: 200ppbTankEOnlyRecertforBurlington

Channel Calibrations

Ch.	High Flow	Medium Flow	Slow Flow	Trickle Flow
1	44%	40%	36%	34%
2	37%	33%	29%	23%
3	34%	30%	27%	23%
4	36%	32%	28%	20%
5	40%	36%	32%	25%
6	36%	32%	29%	21%

Calibration Flow Cut Off

High Flow Cutoff:	1 psia
Medium Flow Cutoff:	0.5 psia
Slow Flow Cutoff:	0.1 psia

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ISO/IEC 17025

ANAB ACCREDITED TESTING LABORATORY

Analysis Report

SHIPPED TO:
Test America Inc
5815 Middlebrook Pike
Knoxville, TN 37921

PAGE: 1 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

Primary Reference Material intended for the calibration of gas analyzers or instrumentation. General instructions for proper use of gas mixtures are found in "ISO 16664: Gas analysis – handling of calibration gases and gas mixtures".

Contents under pressure, store in secure area and do not expose to temperatures greater than 150 °F.

Recommended Operating temperature within 32°F (0°C) and 125°F (52°C).

Recommended minimum sample size 10 mL.

Except where noted, results are reported in mole/mole ppm as determined by Gas Chromatography using qualified reference standards under ANA-50-741-ALP and ANA-50-742-ALP and meets ISO/IEC 17025 requirements. Every cylinder is analyzed and represents one unique lot.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor providing a level of confidence of 95% and has been carried out in accordance with ISO/IEC 17025 requirements.

This report is issued in accordance with the laboratory accreditation requirements of ANAB. It provides traceability of measurement to recognized national standards, and to units of measurement realized by the National Institute of Standards and Technology (NIST).

Linde Spectra Environmental Gases

Linde North America, Inc.

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Analysis Report

SHIPPED TO:
Test America Inc
5815 Middlebrook Pike
Knoxville, TN 37921

PAGE: 2 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Propylene	115-07-1	1.000 ppm	2.571	1.043 ppm	± 0.024 ppm
Chlorodifluoromethane	75-45-6	1.000 ppm	2.571	1.058 ppm	± 0.025 ppm
Freon-12	75-71-8	1.000 ppm	2.571	1.034 ppm	± 0.025 ppm
Chloromethane	74-87-3	1.000 ppm	2.571	1.029 ppm	± 0.029 ppm
Freon-114	76-14-2	1.000 ppm	2.571	1.037 ppm	± 0.023 ppm
Vinyl Chloride	75-01-4	1.000 ppm	2.571	1.035 ppm	± 0.022 ppm
1,3-Butadiene	106-99-0	1.000 ppm	2.571	1.048 ppm	± 0.024 ppm
Methanol	67-56-1	1.000 ppm	2.571	1.211 ppm	± 0.027 ppm
n-Butane	106-97-8	1.000 ppm	2.571	1.035 ppm	± 0.022 ppm
Bromomethane	74-83-9	1.000 ppm	2.571	1.033 ppm	± 0.022 ppm
Chloroethane	75-00-3	1.000 ppm	2.571	1.034 ppm	± 0.023 ppm
Vinyl Bromide	593-60-2	1.000 ppm	2.571	1.048 ppm	± 0.023 ppm
Acetonitrile	75-05-8	1.000 ppm	2.571	1.046 ppm	± 0.036 ppm
Acrolein	107-02-8	1.000 ppm	2.571	1.153 ppm	± 0.029 ppm
Isopentane	78-78-4	1.000 ppm	2.571	1.046 ppm	± 0.023 ppm
Acetone	67-64-1	1.000 ppm	2.571	1.047 ppm	± 0.025 ppm
Freon-11	75-69-4	1.000 ppm	2.571	1.037 ppm	± 0.027 ppm
Isopropyl Alcohol	67-63-0	1.000 ppm	2.571	1.162 ppm	± 0.043 ppm
n-Pentane	109-66-0	1.000 ppm	2.571	1.044 ppm	± 0.039 ppm
Acrylonitrile	107-13-1	1.000 ppm	2.571	1.053 ppm	± 0.061 ppm
Ethyl Ether	60-29-7	1.000 ppm	2.571	1.045 ppm	± 0.040 ppm
1,1-Dichloroethene	75-35-4	1.000 ppm	2.571	1.054 ppm	± 0.023 ppm
Carbon Disulfide	75-15-0	1.000 ppm	2.571	1.065 ppm	± 0.023 ppm
Methylene Chloride	75-09-2	1.000 ppm	2.571	1.046 ppm	± 0.031 ppm
Tert-Butanol	75-65-0	1.000 ppm	2.571	1.079 ppm	± 0.021 ppm
3-Chloropropene	107-05-1	1.000 ppm	2.571	1.047 ppm	± 0.020 ppm
Freon-113	76-13-1	1.000 ppm	2.571	1.047 ppm	± 0.023 ppm

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ANAB ACCREDITED TESTING LABORATORY

Analysis Report

SHIPPED TO:
Test America Inc
5815 Middlebrook Pike
Knoxville, TN 37921

PAGE: 3 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Trans-1,2-Dichloroethene	156-60-5	1.000 ppm	2.571	1.043 ppm	± 0.022 ppm
1,1-Dichloroethane	75-34-3	1.000 ppm	2.571	1.047 ppm	± 0.024 ppm
Methyl Tert Butyl Ether	1634-04-4	1.000 ppm	2.571	1.043 ppm	± 0.026 ppm
Vinyl Acetate	108-05-4	1.000 ppm	2.571	1.120 ppm	± 0.025 ppm
Methyl Ethyl Ketone	78-93-3	1.000 ppm	2.571	1.052 ppm	± 0.022 ppm
Cis-1,2-Dichloroethene	156-59-2	1.000 ppm	2.571	1.046 ppm	± 0.023 ppm
Hexane	110-54-3	1.000 ppm	2.571	1.054 ppm	± 0.026 ppm
Chloroform	67-66-3	1.000 ppm	2.571	1.049 ppm	± 0.022 ppm
Ethyl Acetate	141-78-6	1.000 ppm	2.571	1.057 ppm	± 0.022 ppm
Tetrahydrofuran	109-99-9	1.000 ppm	2.571	1.041 ppm	± 0.022 ppm
1,2-Dichloroethane	107-06-2	1.000 ppm	2.571	1.051 ppm	± 0.025 ppm
1,1,1-Trichloroethane	71-55-6	1.000 ppm	2.571	1.046 ppm	± 0.025 ppm
Benzene	71-43-2	1.000 ppm	2.571	1.050 ppm	± 0.025 ppm
1-Butanol	71-36-3	1.000 ppm	2.571	1.083 ppm	± 0.024 ppm
Carbon Tetrachloride	56-23-5	1.000 ppm	2.571	1.017 ppm	± 0.023 ppm
Cyclohexane	110-82-7	1.000 ppm	2.571	1.039 ppm	± 0.024 ppm
Dibromomethane	74-95-3	1.000 ppm	2.571	1.042 ppm	± 0.023 ppm
1,2-Dichloropropane	78-87-5	1.000 ppm	2.571	1.038 ppm	± 0.023 ppm
Trichloroethylene	79-01-6	1.000 ppm	2.571	1.043 ppm	± 0.024 ppm
Bromodichloromethane	75-27-4	1.000 ppm	2.571	1.046 ppm	± 0.024 ppm
1,4-Dioxane	123-91-1	1.000 ppm	2.571	1.049 ppm	± 0.024 ppm
2,2,4-Trimethylpentane	540-84-1	1.000 ppm	2.571	1.044 ppm	± 0.024 ppm
Methyl Methacrylate	80-62-6	1.000 ppm	2.571	1.045 ppm	± 0.024 ppm
Heptane	142-82-5	1.000 ppm	2.571	1.043 ppm	± 0.024 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.000 ppm	2.571	1.040 ppm	± 0.021 ppm
Methyl Isobutyl Ketone	108-10-1	1.000 ppm	2.571	1.048 ppm	± 0.021 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.000 ppm	2.571	1.042 ppm	± 0.023 ppm

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ANAB ACCREDITED TESTING LABORATORY

Analysis Report

SHIPPED TO:
Test America Inc
5815 Middlebrook Pike
Knoxville, TN 37921

PAGE: 4 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
1,1,2-Trichloroethane	79-00-5	1.000 ppm	2.571	1.046 ppm	± 0.021 ppm
Toluene	108-88-3	1.000 ppm	2.571	1.048 ppm	± 0.022 ppm
Methyl Butyl Ketone	591-78-6	1.000 ppm	2.571	1.054 ppm	± 0.022 ppm
Dibromochloromethane	124-48-1	1.000 ppm	2.571	1.048 ppm	± 0.035 ppm
1,2-Dibromoethane	106-93-4	1.000 ppm	2.571	1.044 ppm	± 0.024 ppm
n-Octane	111-65-9	1.000 ppm	2.571	1.047 ppm	± 0.021 ppm
Tetrachloroethylene	127-18-4	1.000 ppm	2.571	1.047 ppm	± 0.022 ppm
Chlorobenzene	108-90-7	1.000 ppm	2.571	1.043 ppm	± 0.023 ppm
Ethylbenzene	100-41-4	1.000 ppm	2.571	1.048 ppm	± 0.022 ppm
p-xylene	106-42-3	1.000 ppm	2.571	1.044 ppm	± 0.022 ppm
m-xylene	108-38-3	1.000 ppm	2.571	1.044 ppm	± 0.022 ppm
Bromoform	75-25-2	1.000 ppm	2.571	1.047 ppm	± 0.031 ppm
Styrene	100-42-5	1.000 ppm	2.571	1.046 ppm	± 0.026 ppm
o-xylene	95-47-6	1.000 ppm	2.571	1.044 ppm	± 0.024 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.000 ppm	2.571	1.045 ppm	± 0.024 ppm
1,2,3-Trichloropropane	96-18-4	1.000 ppm	2.571	1.051 ppm	± 0.030 ppm
Nonane	111-84-2	1.000 ppm	2.571	1.050 ppm	± 0.022 ppm
Cumene	98-82-8	1.000 ppm	2.571	1.054 ppm	± 0.022 ppm
2-Chlorotoluene	95-49-8	1.000 ppm	2.571	1.050 ppm	± 0.027 ppm
n-Propylbenzene	103-65-1	1.000 ppm	2.571	1.050 ppm	± 0.024 ppm
4-Ethyltoluene	622-96-8	1.000 ppm	2.571	1.051 ppm	± 0.025 ppm
1,3,5-Trimethylbenzene	108-67-8	1.000 ppm	2.571	1.037 ppm	± 0.026 ppm
alpha-Methylstyrene	98-83-9	1.000 ppm	2.571	1.052 ppm	± 0.032 ppm
Tert-Butyl Benzene	98-06-6	1.000 ppm	2.571	1.053 ppm	± 0.026 ppm
1,2,4-Trimethylbenzene	95-63-6	1.000 ppm	2.571	1.045 ppm	± 0.026 ppm
1,3-Dichlorobenzene	541-73-1	1.000 ppm	2.571	1.046 ppm	± 0.030 ppm
Benzyl Chloride	100-44-7	1.000 ppm	2.571	1.055 ppm	± 0.031 ppm

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TESTING LABORATORY

Analysis Report

SHIPPED TO:
Test America Inc
5815 Middlebrook Pike
Knoxville, TN 37921

Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
n-Decane	124-18-5	1.000 ppm	2.571	1.050 ppm	± 0.031 ppm
1,4-Dichlorobenzene	106-46-7	1.000 ppm	2.571	1.053 ppm	± 0.040 ppm
Sec-Butyl Benzene	135-98-8	1.000 ppm	2.571	1.046 ppm	± 0.025 ppm
4-Isopropyltoluene	99-87-6	1.000 ppm	2.571	1.049 ppm	± 0.027 ppm
1,2-Dichlorobenzene	95-50-1	1.000 ppm	2.571	1.046 ppm	± 0.043 ppm
n-Butyl Benzene	104-51-8	1.000 ppm	2.571	1.048 ppm	± 0.032 ppm
n-Undecane	1120-21-4	1.000 ppm	2.571	1.042 ppm	± 0.024 ppm
1,2,4-Trichlorobenzene	120-82-1	1.000 ppm	2.571	1.094 ppm	± 0.11 ppm
Naphthalene	91-20-3	1.000 ppm	2.571	1.105 ppm	± 0.15 ppm
n-Dodecane	112-40-3	1.000 ppm	2.571	1.048 ppm	± 0.040 ppm
1,2,3-Trichlorobenzene	87-61-6	1.000 ppm	2.571	1.101 ppm	± 0.14 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.000 ppm	2.571	1.083 ppm	± 0.058 ppm
Nitrogen	7727-37-9	Balance		Balance	

Lou Lorenzetti

ANALYST: Lou Lorenzetti

DATE: Nov-22-2024

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Reagent

ATTO15CALs_00051

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ISO/IEC 17025

ANAB ACCREDITED TESTING LABORATORY

Analysis Report

1871092
ID ATTO15CALs_00050
Exp 11/22/25 Prpd VTP
TO15 Calibration Source I

VTP 3/27/24

SHIPPED TO:
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 1 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

VTP 3/26/25

Primary Reference Material intended for the calibration of gas analyzers or instrumentation. General instructions for proper use of gas mixtures are found in "ISO 16664: Gas analysis – handling of calibration gases and gas mixtures".

Contents under pressure, store in secure area and do not expose to temperatures greater than 150 °F.

Recommended Operating temperature within 32°F (0°C) and 125°F (52°C).

Recommended minimum sample size 10 mL.

Except where noted, results are reported in mole/mole ppm as determined by Gas Chromatography using qualified reference standards under ANA-50-741-ALP and ANA-50-742-ALP and meets ISO/IEC 17025 requirements. Every cylinder is analyzed and represents one unique lot.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor providing a level of confidence of 95% and has been carried out in accordance with ISO/IEC 17025 requirements.

This report is issued in accordance with the laboratory accreditation requirements of ANAB. It provides traceability of measurement to recognized national standards, and to units of measurement realized by the National Institute of Standards and Technology (NIST).

Linde Spectra Environmental Gases

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Analysis Report

SHIPPED TO:
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 2 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	* ~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Propylene	115-07-1	1.000 ppm	2.571	1.066 ppm	± 0.050 ppm
Chlorodifluoromethane	75-45-6	1.000 ppm	2.571	1.065 ppm	± 0.044 ppm
Freon-12	75-71-8	1.000 ppm	2.571	1.048 ppm	± 0.033 ppm
Chloromethane	74-87-3	1.000 ppm	2.571	1.055 ppm	± 0.050 ppm
Freon-114	76-14-2	1.000 ppm	2.571	1.056 ppm	± 0.055 ppm
Vinyl Chloride	75-01-4	1.000 ppm	2.571	1.052 ppm	± 0.035 ppm
1,3-Butadiene	106-99-0	1.000 ppm	2.571	1.059 ppm	± 0.030 ppm
Methanol	67-56-1	1.000 ppm	2.571	1.213 ppm	± 0.034 ppm
n-Butane	106-97-8	1.000 ppm	2.571	1.051 ppm	± 0.021 ppm
Bromomethane	74-83-9	1.000 ppm	2.571	1.051 ppm	± 0.033 ppm
Chloroethane	75-00-3	1.000 ppm	2.571	1.046 ppm	± 0.028 ppm
Vinyl Bromide	593-60-2	1.000 ppm	2.571	1.058 ppm	± 0.028 ppm
Acetonitrile	75-05-8	1.000 ppm	2.571	1.101 ppm	± 0.036 ppm
Acrolein	107-02-8	1.000 ppm	2.571	1.171 ppm	± 0.038 ppm
Isopentane	78-78-4	1.000 ppm	2.571	1.060 ppm	± 0.038 ppm
Acetone	67-64-1	1.000 ppm	2.571	1.066 ppm	± 0.036 ppm
Freon-11	75-69-4	1.000 ppm	2.571	1.029 ppm	± 0.026 ppm
Isopropyl Alcohol	67-63-0	1.000 ppm	2.571	1.159 ppm	± 0.029 ppm
n-Pentane	109-66-0	1.000 ppm	2.571	1.057 ppm	± 0.026 ppm
Acrylonitrile	107-13-1	1.000 ppm	2.571	1.070 ppm	± 0.034 ppm
Ethyl Ether	60-29-7	1.000 ppm	2.571	1.059 ppm	± 0.043 ppm
1,1-Dichloroethene	75-35-4	1.000 ppm	2.571	1.087 ppm	± 0.034 ppm
Carbon Disulfide	75-15-0	1.000 ppm	2.571	1.083 ppm	± 0.034 ppm
Methylene Chloride	75-09-2	1.000 ppm	2.571	1.063 ppm	± 0.027 ppm
Tert-Butanol	75-65-0	1.000 ppm	2.571	1.084 ppm	± 0.027 ppm
3-Chloropropene	107-05-1	1.000 ppm	2.571	1.047 ppm	± 0.026 ppm
Freon-113	76-13-1	1.000 ppm	2.571	1.082 ppm	± 0.033 ppm

Linde Spectra Environmental Gases

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TESTING LABORATORY

Analysis Report

SHIPPED TO:
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 3 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	* ~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Trans-1,2-Dichloroethene	156-60-5	1.000 ppm	2.571	1.035 ppm	± 0.034 ppm
1,1-Dichloroethane	75-34-3	1.000 ppm	2.571	1.042 ppm	± 0.042 ppm
Methyl Tert Butyl Ether	1634-04-4	1.000 ppm	2.571	1.050 ppm	± 0.031 ppm
Vinyl Acetate	108-05-4	1.000 ppm	2.571	1.139 ppm	± 0.030 ppm
Methyl Ethyl Ketone	78-93-3	1.000 ppm	2.571	1.060 ppm	± 0.023 ppm
Cis-1,2-Dichloroethene	156-59-2	1.000 ppm	2.571	1.081 ppm	± 0.042 ppm
Hexane	110-54-3	1.000 ppm	2.571	1.057 ppm	± 0.041 ppm
Chloroform	67-66-3	1.000 ppm	2.571	1.034 ppm	± 0.026 ppm
Ethyl Acetate	141-78-6	1.000 ppm	2.571	1.028 ppm	± 0.026 ppm
Tetrahydrofuran	109-99-9	1.000 ppm	2.571	1.058 ppm	± 0.025 ppm
1,2-Dichloroethane	107-06-2	1.000 ppm	2.571	1.037 ppm	± 0.032 ppm
1,1,1-Trichloroethane	71-55-6	1.000 ppm	2.571	1.040 ppm	± 0.034 ppm
Benzene	71-43-2	1.000 ppm	2.571	1.042 ppm	± 0.040 ppm
1-Butanol	71-36-3	1.000 ppm	2.571	1.092 ppm	± 0.027 ppm
Carbon Tetrachloride	56-23-5	1.000 ppm	2.571	1.045 ppm	± 0.026 ppm
Cyclohexane	110-82-7	1.000 ppm	2.571	1.058 ppm	± 0.032 ppm
Dibromomethane	74-95-3	1.000 ppm	2.571	1.044 ppm	± 0.026 ppm
1,2-Dichloropropane	78-87-5	1.000 ppm	2.571	1.052 ppm	± 0.026 ppm
Trichloroethylene	79-01-6	1.000 ppm	2.571	1.048 ppm	± 0.025 ppm
Bromodichloromethane	75-27-4	1.000 ppm	2.571	1.043 ppm	± 0.025 ppm
1,4-Dioxane	123-91-1	1.000 ppm	2.571	1.045 ppm	± 0.025 ppm
2,2,4-Trimethylpentane	540-84-1	1.000 ppm	2.571	1.044 ppm	± 0.025 ppm
Methyl Methacrylate	80-62-6	1.000 ppm	2.571	1.049 ppm	± 0.024 ppm
Heptane	142-82-5	1.000 ppm	2.571	1.048 ppm	± 0.024 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.000 ppm	2.571	1.056 ppm	± 0.028 ppm
Methyl Isobutyl Ketone	108-10-1	1.000 ppm	2.571	1.044 ppm	± 0.028 ppm
Methylcyclohexane	108-87-2	1.000 ppm	2.571	1.042 ppm	± 0.028 ppm

Linde Spectra Environmental Gases

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Analysis Report

SHIPPED TO:
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

PAGE: 4 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	* ~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Trans-1,3-Dichloropropene	10061-02-6	1.000 ppm	2.571	1.053 ppm	± 0.026 ppm
1,1,2-Trichloroethane	79-00-5	1.000 ppm	2.571	1.046 ppm	± 0.023 ppm
Toluene	108-88-3	1.000 ppm	2.571	1.051 ppm	± 0.021 ppm
Methyl Butyl Ketone	591-78-6	1.000 ppm	2.571	1.057 ppm	± 0.024 ppm
Dibromochloromethane	124-48-1	1.000 ppm	2.571	1.052 ppm	± 0.023 ppm
1,2-Dibromoethane	106-93-4	1.000 ppm	2.571	1.049 ppm	± 0.023 ppm
n-Octane	111-65-9	1.000 ppm	2.571	1.056 ppm	± 0.027 ppm
Tetrachloroethylene	127-18-4	1.000 ppm	2.571	1.039 ppm	± 0.020 ppm
Chlorobenzene	108-90-7	1.000 ppm	2.571	1.051 ppm	± 0.023 ppm
Ethylbenzene	100-41-4	1.000 ppm	2.571	1.053 ppm	± 0.022 ppm
p-xylene	106-42-3	1.000 ppm	2.571	1.051 ppm	± 0.021 ppm
m-xylene	108-38-3	1.000 ppm	2.571	1.048 ppm	± 0.021 ppm
Bromoform	75-25-2	1.000 ppm	2.571	1.051 ppm	± 0.051 ppm
Styrene	100-42-5	1.000 ppm	2.571	1.056 ppm	± 0.023 ppm
o-xylene	95-47-6	1.000 ppm	2.571	1.051 ppm	± 0.022 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.000 ppm	2.571	1.051 ppm	± 0.022 ppm
1,2,3-Trichloropropane	96-18-4	1.000 ppm	2.571	1.065 ppm	± 0.031 ppm
Nonane	111-84-2	1.000 ppm	2.571	1.052 ppm	± 0.021 ppm
Cumene	98-82-8	1.000 ppm	2.571	1.057 ppm	± 0.024 ppm
2-Chlorotoluene	95-49-8	1.000 ppm	2.571	1.063 ppm	± 0.031 ppm
n-Propylbenzene	103-65-1	1.000 ppm	2.571	1.057 ppm	± 0.031 ppm
4-Ethyltoluene	622-96-8	1.000 ppm	2.571	1.052 ppm	± 0.039 ppm
1,3,5-Trimethylbenzene	108-67-8	1.000 ppm	2.571	1.053 ppm	± 0.045 ppm
alpha-Methyl Styrene	98-83-9	1.000 ppm	2.571	1.081 ppm	± 0.045 ppm
Tert-Butyl Benzene	98-06-6	1.000 ppm	2.571	1.062 ppm	± 0.048 ppm
1,2,4-Trimethylbenzene	95-63-6	1.000 ppm	2.571	1.069 ppm	± 0.048 ppm
1,3-Dichlorobenzene	541-73-1	1.000 ppm	2.571	1.086 ppm	± 0.050 ppm

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SHIPPED TO:
Test America Inc
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PAGE: 5 of 6
Report ID: 39140
Revision: 0

Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	~~Mar-27-2025~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Benzyl Chloride	100-44-7	1.000 ppm	2.571	1.078 ppm	± 0.049 ppm
n-Decane	124-18-5	1.000 ppm	2.571	1.080 ppm	± 0.049 ppm
1,4-Dichlorobenzene	106-46-7	1.000 ppm	2.571	1.087 ppm	± 0.048 ppm
Sec-Butyl Benzene	135-98-8	1.000 ppm	2.571	1.067 ppm	± 0.051 ppm
4-Isopropyltoluene	99-87-6	1.000 ppm	2.571	1.077 ppm	± 0.056 ppm
1,2-Dichlorobenzene	95-50-1	1.000 ppm	2.571	1.080 ppm	± 0.047 ppm
n-Butyl Benzene	104-51-8	1.000 ppm	2.571	1.092 ppm	± 0.059 ppm
n-Undecane	1120-21-4	1.000 ppm	2.571	1.074 ppm	± 0.058 ppm
1,2,4-Trichlorobenzene	120-82-1	1.000 ppm	2.571	1.173 ppm	± 0.068 ppm
Naphthalene	91-20-3	1.000 ppm	2.571	1.189 ppm	± 0.094 ppm
n-Dodecane	112-40-3	1.000 ppm	2.571	1.084 ppm	± 0.076 ppm

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Sales#:	117495978	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1603549	**Cylinder # :**	CC-524925
Report Date:	Mar-27-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	75737466	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24104980	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date: *	Mar-27-2025 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
1,2,3-Trichlorobenzene	87-61-6	1.000 ppm	2.571	1.165 ppm	± 0.082 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.000 ppm	2.571	1.124 ppm	± 0.064 ppm
Nitrogen	7727-37-9	Balance		Balance	

20% Blend Tolerance on Acetonitrile, Acrolein, Isopropyl Alcohol, Vinyl Acetate, Tert-Butanol, 1-Butanol, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene, alpha-Methylstyrene, Benzyl Chloride, and Hexachloro-1,3-Butadiene.

25% Blend Tolerance on Methanol.

No Stability Guarantee on Methanol.

* Recertification 2/26/25. New exp date: 11/22/25
* Recertification process include.

Lou Lorenzetti

ANALYST: Lou Lorenzetti

DATE: Mar-27-2024

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Analyte	Knoxville 40	VT 40 (AVE)	RDP
Propene	39.3	40	0.88
Dichlorodifluoromethane	33.4	34.3	1.33
Chlorodifluoromethane	36.4	37.1	0.95
1,2-Dichloro-1,1,2,2-tetrafluoroethane	33.9	35	1.60
Chloromethane	36.9	38	1.47
Butane	39.1	40.5	1.76
Vinyl chloride	35.8	36.7	1.24
Butadiene	36.2	36.4	0.28
Bromomethane	34.2	35.4	1.72
Chloroethane	36	37	1.37
2-Methylbutane	38	38.6	0.78
Vinyl bromide	34.5	35	0.72
Trichlorofluoromethane	33.2	34	1.19
Pentane	39	39.6	0.76
Ethanol	N/A		#VALUE!
Ethyl ether	37.5	38.6	1.45
Acrolein	43.9	47.3	3.73
1,1,2-Trichloro-1,2,2-trifluoroethane	34.1	34.6	0.73
1,1-Dichloroethene	34	34.5	0.73
Acetone	39.8	40.5	0.87
Isopropyl alcohol	44.9	46.1	1.32
Carbon disulfide	35.5	36.1	0.84
3-Chloro-1-propene	39.8	41	1.49
Acetonitrile	42.2	42.6	0.47
Methylene Chloride	38.2	38.5	0.39
2-Methyl-2-propanol	37.6	38.3	0.92
Methyl tert-butyl ether	35.5	36.4	1.25
trans-1,2-Dichloroethene	37.6	37.5	0.13
Acrylonitrile	40.1	41.1	1.23
Hexane	37.7	38.8	1.44
1,1-Dichloroethane	36.3	37	0.95
Vinyl acetate	45.1	48.8	3.94
2-Butanone (MEK)	37.6	38.1	0.66
Ethyl acetate	38.4	37.6	1.05
cis-1,2-Dichloroethene	33.5	35.1	2.33
Tetrahydrofuran	41.1	41.7	0.72
Chloroform	35.1	35.6	0.71
1,1,1-Trichloroethane	34.6	34.6	0.00
Cyclohexane	36.1	36.6	0.69
Carbon tetrachloride	34.6	37.7	4.29
Isooctane	37.7	38.1	0.53
Benzene	36.3	36.1	0.28
1,2-Dichloroethane	37.3	37.1	0.27

n-Heptane	40	40.3	0.37
n-Butanol	40.1	38.7	1.78
Trichloroethene	36.4	36.1	0.41
1,2-Dichloropropane	38.5	38.5	0.00
Methyl methacrylate	38.5	39.2	0.90
1,4-Dioxane	34.5	34.5	0.00
Dibromomethane	33.1	32.2	1.38
Dichlorobromomethane	36.1	36.7	0.82
cis-1,3-Dichloropropene	37.9	38.3	0.52
4-Methyl-2-pentanone (MIBK)	41.5	41.3	0.24
n-Octane	40.1	40.5	0.50
Toluene	35.8	35.8	0.00
trans-1,3-Dichloropropene	37.5	38.2	0.92
1,1,2-Trichloroethane	37.2	37	0.27
Tetrachloroethene	32.6	32.4	0.31
2-Hexanone	41.9	40.7	1.45
Chlorodibromomethane	34.4	35.6	1.71
Ethylene Dibromide	36	36.2	0.28
Chlorobenzene	34	34	0.00
Ethylbenzene	34.6	34.5	0.14
n-Nonane	38.4	38.5	0.13
m-Xylene & p-Xylene	68.7	68.6	0.07
o-Xylene	35.1	35.2	0.14
Styrene	36.1	35.8	0.42
Bromoform	31.3	35.5	6.29
Isopropylbenzene	33.3	33.6	0.45
1,1,2,2-Tetrachloroethane	36	36.2	0.28
N-Propylbenzene	32.8	33	0.30
1,2,3-Trichloropropane	35.7	35.8	0.14
n-Decane	37.7	38.1	0.53
4-Ethyltoluene	33.2	33.3	0.15
2-Chlorotoluene	34.5	34.6	0.14
1,3,5-Trimethylbenzene	33.3	33.9	0.89
Alpha Methyl Styrene	35.1	35.4	0.43
tert-Butylbenzene	32.4	32.9	0.77
1,2,4-Trimethylbenzene	33.3	33.7	0.60
sec-Butylbenzene	32	32.4	0.62
4-Isopropyltoluene	32	32.3	0.47
1,3-Dichlorobenzene	32.6	32.6	0.00
1,4-Dichlorobenzene	33.3	32.6	1.06
Benzyl chloride	35.3	35.7	0.56
Undecane	37.6	39.3	2.21
n-Butylbenzene	33.4	34.2	1.18
1,2-Dichlorobenzene	32.5	32.4	0.15

Dodecane	36.7	37.9	1.61
1,2,4-Trichlorobenzene	40.8	40.1	0.87
Hexachlorobutadiene	33.7	35.2	2.18
Naphthalene	45.7	44.5	1.33
1,2,3-Trichlorobenzene	39.9	39.1	1.01

* Knoxville 40 ppb Standard test.
  chrom WL 64392 @ 3/24/25

* TA Burlington 1st 40 ppb Standard test.
  chrom WL 64392 @ 3/24/25
  - 2nd 40 ppb Standard test.
  chrom WL 64410 @ 3/26/25

* Knoxville Standard results compared with the ~~two~~ VTP 3/26/25 average of the two results TA Burlington standard.

VTP 3/26/25

4700 Precision Diluter Standards Preparation Report

Date: 3/13/2025 1:48:34 PM
Report ID: 200ppbTankEOnly
Prepared By: RDR
Software Version: 2.2.0.32

Dilution ID: C:\SmartLabs\Data\4700\Methods\200ppbv Primary E_Q.4700.Dilution
Aborted: No
Target Final Psia: 36.7 psia
Standard Name: BurlingtonRecert_TankE
Canister Volume: 15 Liter cc **Canister ID:** S4665
Comment: 200ppbTankEOnlyRecertforBurlington

Channel Methods

Ch.	Channel Name	Init. Conc.	Target Conc.	Final Conc.	Conc. Level	Dilution Factor	Initial Psia	Target Psia	Final Psia	Final Psid	Duration hh:mm:ss
1	Nitrogen Diluent	100	100	N/A	%	1	0.42	12	11.99	11.57	00:23:47
2	Q extra 694339										
3	D Mega 736646										
4	N Extra 694341										
5	E Mega 767798	1000	200	200.24	ppb	5	11.99	19.25	19.25	7.27	00:19:08
6	Re-Dilute										
1	Nitrogen Diluent	100	100	N/A	%	1	19.25	36.7	36.7	17.45	00:30:38

Total Duration: 01:13:36

Channel Configuration and Standards Inventory

Ch.	Channel Name	Init. Conc.	Conc. Level	Cylinder Id	Received	Expiration	Notes
1	Nitrogen Diluent	100	%		1/29/2025 9:17:28 AM	1/29/2025 9:17:28 AM	
2	Q extra 694339	1000	ppb		5/27/2024 9:17:28 AM	5/10/2025 9:17:28 AM	
3	D Mega 736646	1000	ppb		12/2/2020 9:17:28 AM	11/22/2025 9:17:28 AM	
4	N Extra 694341	1000	ppb		8/1/2016 9:17:28 AM	5/10/2025 9:17:28 AM	
5	E Mega 767798	1000	ppb		12/31/2024 9:17:28 AM	11/22/2025 9:17:28 AM	
6	Re-Dilute	200	ppb		2/13/2025 9:17:28 AM	4/14/2025 9:17:28 AM	

4700 Precision Diluter Standards Preparation Report

Date: 3/13/2025 1:48:34 PM
Report ID: 200ppbTankEOnly
Prepared By: RDR
Software Version: 2.2.0.32

Dilution ID: C:\SmartLabs\Data\4700\Methods\200ppbv Primary E_Q.4700.Dilution
Aborted: No
Target Final Psia: 36.7 psia
Standard Name: BurlingtonRecert_TankE
Canister Volume: 15 Liter cc **Canister ID:** S4665
Comment: 200ppbTankEOnlyRecertforBurlington

Channel Calibrations

Ch.	High Flow	Medium Flow	Slow Flow	Trickle Flow
1	44%	40%	36%	34%
2	37%	33%	29%	23%
3	34%	30%	27%	23%
4	36%	32%	28%	20%
5	40%	36%	32%	25%
6	36%	32%	29%	21%

Calibration Flow Cut Off

High Flow Cutoff:	1 psia
Medium Flow Cutoff:	0.5 psia
Slow Flow Cutoff:	0.1 psia

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Analysis Report

SHIPPED TO:
Test America Inc
5815 Middlebrook Pike
Knoxville, TN 37921

PAGE: 1 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

Primary Reference Material intended for the calibration of gas analyzers or instrumentation. General instructions for proper use of gas mixtures are found in "ISO 16664: Gas analysis – handling of calibration gases and gas mixtures".

Contents under pressure, store in secure area and do not expose to temperatures greater than 150 °F.

Recommended Operating temperature within 32°F (0°C) and 125°F (52°C).

Recommended minimum sample size 10 mL.

Except where noted, results are reported in mole/mole ppm as determined by Gas Chromatography using qualified reference standards under ANA-50-741-ALP and ANA-50-742-ALP and meets ISO/IEC 17025 requirements. Every cylinder is analyzed and represents one unique lot.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor providing a level of confidence of 95% and has been carried out in accordance with ISO/IEC 17025 requirements.

This report is issued in accordance with the laboratory accreditation requirements of ANAB. It provides traceability of measurement to recognized national standards, and to units of measurement realized by the National Institute of Standards and Technology (NIST).

Linde Spectra Environmental Gases

Linde North America, Inc.

80 Industrial Drive, Alpha, NJ 08865
Phone: +1.908.329-9700 FAX: +1.908.329-9740
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THE LINDE GROUP

ISO/IEC 17025

ANAB ACCREDITED TESTING LABORATORY

Analysis Report

SHIPPED TO:
Test America Inc
5815 Middlebrook Pike
Knoxville, TN 37921

PAGE: 2 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Propylene	115-07-1	1.000 ppm	2.571	1.043 ppm	± 0.024 ppm
Chlorodifluoromethane	75-45-6	1.000 ppm	2.571	1.058 ppm	± 0.025 ppm
Freon-12	75-71-8	1.000 ppm	2.571	1.034 ppm	± 0.025 ppm
Chloromethane	74-87-3	1.000 ppm	2.571	1.029 ppm	± 0.029 ppm
Freon-114	76-14-2	1.000 ppm	2.571	1.037 ppm	± 0.023 ppm
Vinyl Chloride	75-01-4	1.000 ppm	2.571	1.035 ppm	± 0.022 ppm
1,3-Butadiene	106-99-0	1.000 ppm	2.571	1.048 ppm	± 0.024 ppm
Methanol	67-56-1	1.000 ppm	2.571	1.211 ppm	± 0.027 ppm
n-Butane	106-97-8	1.000 ppm	2.571	1.035 ppm	± 0.022 ppm
Bromomethane	74-83-9	1.000 ppm	2.571	1.033 ppm	± 0.022 ppm
Chloroethane	75-00-3	1.000 ppm	2.571	1.034 ppm	± 0.023 ppm
Vinyl Bromide	593-60-2	1.000 ppm	2.571	1.048 ppm	± 0.023 ppm
Acetonitrile	75-05-8	1.000 ppm	2.571	1.046 ppm	± 0.036 ppm
Acrolein	107-02-8	1.000 ppm	2.571	1.153 ppm	± 0.029 ppm
Isopentane	78-78-4	1.000 ppm	2.571	1.046 ppm	± 0.023 ppm
Acetone	67-64-1	1.000 ppm	2.571	1.047 ppm	± 0.025 ppm
Freon-11	75-69-4	1.000 ppm	2.571	1.037 ppm	± 0.027 ppm
Isopropyl Alcohol	67-63-0	1.000 ppm	2.571	1.162 ppm	± 0.043 ppm
n-Pentane	109-66-0	1.000 ppm	2.571	1.044 ppm	± 0.039 ppm
Acrylonitrile	107-13-1	1.000 ppm	2.571	1.053 ppm	± 0.061 ppm
Ethyl Ether	60-29-7	1.000 ppm	2.571	1.045 ppm	± 0.040 ppm
1,1-Dichloroethene	75-35-4	1.000 ppm	2.571	1.054 ppm	± 0.023 ppm
Carbon Disulfide	75-15-0	1.000 ppm	2.571	1.065 ppm	± 0.023 ppm
Methylene Chloride	75-09-2	1.000 ppm	2.571	1.046 ppm	± 0.031 ppm
Tert-Butanol	75-65-0	1.000 ppm	2.571	1.079 ppm	± 0.021 ppm
3-Chloropropene	107-05-1	1.000 ppm	2.571	1.047 ppm	± 0.020 ppm
Freon-113	76-13-1	1.000 ppm	2.571	1.047 ppm	± 0.023 ppm

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Analysis Report

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Knoxville, TN 37921

PAGE: 3 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
Trans-1,2-Dichloroethene	156-60-5	1.000 ppm	2.571	1.043 ppm	± 0.022 ppm
1,1-Dichloroethane	75-34-3	1.000 ppm	2.571	1.047 ppm	± 0.024 ppm
Methyl Tert Butyl Ether	1634-04-4	1.000 ppm	2.571	1.043 ppm	± 0.026 ppm
Vinyl Acetate	108-05-4	1.000 ppm	2.571	1.120 ppm	± 0.025 ppm
Methyl Ethyl Ketone	78-93-3	1.000 ppm	2.571	1.052 ppm	± 0.022 ppm
Cis-1,2-Dichloroethene	156-59-2	1.000 ppm	2.571	1.046 ppm	± 0.023 ppm
Hexane	110-54-3	1.000 ppm	2.571	1.054 ppm	± 0.026 ppm
Chloroform	67-66-3	1.000 ppm	2.571	1.049 ppm	± 0.022 ppm
Ethyl Acetate	141-78-6	1.000 ppm	2.571	1.057 ppm	± 0.022 ppm
Tetrahydrofuran	109-99-9	1.000 ppm	2.571	1.041 ppm	± 0.022 ppm
1,2-Dichloroethane	107-06-2	1.000 ppm	2.571	1.051 ppm	± 0.025 ppm
1,1,1-Trichloroethane	71-55-6	1.000 ppm	2.571	1.046 ppm	± 0.025 ppm
Benzene	71-43-2	1.000 ppm	2.571	1.050 ppm	± 0.025 ppm
1-Butanol	71-36-3	1.000 ppm	2.571	1.083 ppm	± 0.024 ppm
Carbon Tetrachloride	56-23-5	1.000 ppm	2.571	1.017 ppm	± 0.023 ppm
Cyclohexane	110-82-7	1.000 ppm	2.571	1.039 ppm	± 0.024 ppm
Dibromomethane	74-95-3	1.000 ppm	2.571	1.042 ppm	± 0.023 ppm
1,2-Dichloropropane	78-87-5	1.000 ppm	2.571	1.038 ppm	± 0.023 ppm
Trichloroethylene	79-01-6	1.000 ppm	2.571	1.043 ppm	± 0.024 ppm
Bromodichloromethane	75-27-4	1.000 ppm	2.571	1.046 ppm	± 0.024 ppm
1,4-Dioxane	123-91-1	1.000 ppm	2.571	1.049 ppm	± 0.024 ppm
2,2,4-Trimethylpentane	540-84-1	1.000 ppm	2.571	1.044 ppm	± 0.024 ppm
Methyl Methacrylate	80-62-6	1.000 ppm	2.571	1.045 ppm	± 0.024 ppm
Heptane	142-82-5	1.000 ppm	2.571	1.043 ppm	± 0.024 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.000 ppm	2.571	1.040 ppm	± 0.021 ppm
Methyl Isobutyl Ketone	108-10-1	1.000 ppm	2.571	1.048 ppm	± 0.021 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.000 ppm	2.571	1.042 ppm	± 0.023 ppm

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ANAB ACCREDITED TESTING LABORATORY

Analysis Report

SHIPPED TO:
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5815 Middlebrook Pike
Knoxville, TN 37921

Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
1,1,2-Trichloroethane	79-00-5	1.000 ppm	2.571	1.046 ppm	± 0.021 ppm
Toluene	108-88-3	1.000 ppm	2.571	1.048 ppm	± 0.022 ppm
Methyl Butyl Ketone	591-78-6	1.000 ppm	2.571	1.054 ppm	± 0.022 ppm
Dibromochloromethane	124-48-1	1.000 ppm	2.571	1.048 ppm	± 0.035 ppm
1,2-Dibromoethane	106-93-4	1.000 ppm	2.571	1.044 ppm	± 0.024 ppm
n-Octane	111-65-9	1.000 ppm	2.571	1.047 ppm	± 0.021 ppm
Tetrachloroethylene	127-18-4	1.000 ppm	2.571	1.047 ppm	± 0.022 ppm
Chlorobenzene	108-90-7	1.000 ppm	2.571	1.043 ppm	± 0.023 ppm
Ethylbenzene	100-41-4	1.000 ppm	2.571	1.048 ppm	± 0.022 ppm
p-xylene	106-42-3	1.000 ppm	2.571	1.044 ppm	± 0.022 ppm
m-xylene	108-38-3	1.000 ppm	2.571	1.044 ppm	± 0.022 ppm
Bromoform	75-25-2	1.000 ppm	2.571	1.047 ppm	± 0.031 ppm
Styrene	100-42-5	1.000 ppm	2.571	1.046 ppm	± 0.026 ppm
o-xylene	95-47-6	1.000 ppm	2.571	1.044 ppm	± 0.024 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.000 ppm	2.571	1.045 ppm	± 0.024 ppm
1,2,3-Trichloropropane	96-18-4	1.000 ppm	2.571	1.051 ppm	± 0.030 ppm
Nonane	111-84-2	1.000 ppm	2.571	1.050 ppm	± 0.022 ppm
Cumene	98-82-8	1.000 ppm	2.571	1.054 ppm	± 0.022 ppm
2-Chlorotoluene	95-49-8	1.000 ppm	2.571	1.050 ppm	± 0.027 ppm
n-Propylbenzene	103-65-1	1.000 ppm	2.571	1.050 ppm	± 0.024 ppm
4-Ethyltoluene	622-96-8	1.000 ppm	2.571	1.051 ppm	± 0.025 ppm
1,3,5-Trimethylbenzene	108-67-8	1.000 ppm	2.571	1.037 ppm	± 0.026 ppm
alpha-Methylstyrene	98-83-9	1.000 ppm	2.571	1.052 ppm	± 0.032 ppm
Tert-Butyl Benzene	98-06-6	1.000 ppm	2.571	1.053 ppm	± 0.026 ppm
1,2,4-Trimethylbenzene	95-63-6	1.000 ppm	2.571	1.045 ppm	± 0.026 ppm
1,3-Dichlorobenzene	541-73-1	1.000 ppm	2.571	1.046 ppm	± 0.030 ppm
Benzyl Chloride	100-44-7	1.000 ppm	2.571	1.055 ppm	± 0.031 ppm

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Analysis Report

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PAGE: 5 of 5
Report ID: 40020
Revision: 0

Sales#:	117512983	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1616319	**Cylinder # :**	CC-525846
Report Date:	Nov-22-2024	**Cylinder Pressure:**	2000 psig
P.O.#:	US1133933807	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	ISO-17025	**Cylinder Volume:**	29.5 Liter
Material#:	24099162	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Nov-22-2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Method of Analysis:**	GC-FID

COMPONENT	CAS Number	Requested Conc	(k @ 95%)	Reported Conc	Uncertainty
n-Decane	124-18-5	1.000 ppm	2.571	1.050 ppm	± 0.031 ppm
1,4-Dichlorobenzene	106-46-7	1.000 ppm	2.571	1.053 ppm	± 0.040 ppm
Sec-Butyl Benzene	135-98-8	1.000 ppm	2.571	1.046 ppm	± 0.025 ppm
4-Isopropyltoluene	99-87-6	1.000 ppm	2.571	1.049 ppm	± 0.027 ppm
1,2-Dichlorobenzene	95-50-1	1.000 ppm	2.571	1.046 ppm	± 0.043 ppm
n-Butyl Benzene	104-51-8	1.000 ppm	2.571	1.048 ppm	± 0.032 ppm
n-Undecane	1120-21-4	1.000 ppm	2.571	1.042 ppm	± 0.024 ppm
1,2,4-Trichlorobenzene	120-82-1	1.000 ppm	2.571	1.094 ppm	± 0.11 ppm
Naphthalene	91-20-3	1.000 ppm	2.571	1.105 ppm	± 0.15 ppm
n-Dodecane	112-40-3	1.000 ppm	2.571	1.048 ppm	± 0.040 ppm
1,2,3-Trichlorobenzene	87-61-6	1.000 ppm	2.571	1.101 ppm	± 0.14 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.000 ppm	2.571	1.083 ppm	± 0.058 ppm
Nitrogen	7727-37-9	Balance		Balance	

Lou Lorenzetti

ANALYST: Lou Lorenzetti

DATE: Nov-22-2024

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30 Community Dr Ste 11
South Burlington, VT 05403-6834

1937983
ID ATTO15CALS_00051
Exp 11/22/25 Prpd VTP
TO15 Second Source Tank

PAGE: 1 of 4

ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
Report Date:	Oct-25-2021	**Cylinder Pressure:**	1700 psig
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	~~Oct-25-2022~~ 11/22/25 VTP 3/26/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Propylene	115-07-1	1.00 ppm	1.03 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.05 ppm
Freon-12	75-71-8	1.00 ppm	1.04 ppm
Chloromethane	74-87-3	1.00 ppm	1.07 ppm
Freon-114	76-14-2	1.00 ppm	1.04 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.03 ppm
1,3-Butadiene	106-99-0	1.00 ppm	1.04 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	0.86 ppm
n-Butane	106-97-8	1.00 ppm	1.04 ppm
Bromomethane	74-83-9	1.00 ppm	1.03 ppm
Chloroethane	75-00-3	1.00 ppm	1.03 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.04 ppm
Acetonitrile	75-05-8	1.00 ppm	0.95 ppm
Acrolein	107-02-8	1.00 ppm	1.01 ppm
Isopentane	78-78-4	1.00 ppm	1.05 ppm
Acetone	67-64-1	1.00 ppm	0.99 ppm
Freon-11	75-69-4	1.00 ppm	1.06 ppm
n-Pentane	109-66-0	1.00 ppm	1.05 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	0.98 ppm
Acrylonitrile	107-13-1	1.00 ppm	0.98 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.04 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.03 ppm
Carbon Disulfide	75-15-0	1.00 ppm	1.02 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.03 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.02 ppm
Allyl Chloride	107-05-1	1.00 ppm	1.07 ppm
Freon-113	76-13-1	1.00 ppm	1.05 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.03 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.01 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.02 ppm

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South Burlington, VT 05403-6834

PAGE: 2 of 4

ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
Report Date:	Oct-25-2021	**Cylinder Pressure:**	1700 psig
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	~~Oct-25-2022~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Vinyl Acetate	108-05-4	1.00 ppm	1.05 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.02 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.01 ppm
Hexane	110-54-3	1.00 ppm	1.04 ppm
Chloroform	67-66-3	1.00 ppm	1.01 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.01 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	0.96 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.02 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.03 ppm
Benzene	71-43-2	1.00 ppm	1.03 ppm
1-Butanol	71-36-3	1.00 ppm	0.92 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.03 ppm
Cyclohexane	110-82-7	1.00 ppm	1.05 ppm
Dibromomethane	74-95-3	1.00 ppm	1.03 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.03 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.03 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.03 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.02 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.05 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	0.97 ppm
Heptane	142-82-5	1.00 ppm	1.05 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.03 ppm
Methylcyclohexane	108-87-2	1.00 ppm	1.04 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.03 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	0.97 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.03 ppm
Toluene	108-88-3	1.00 ppm	1.01 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	0.98 ppm
Dibromochloromethane	124-48-1	1.00 ppm	0.97 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.05 ppm

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South Burlington, VT 05403-6834

ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
Report Date:	Oct-25-2021	**Cylinder Pressure:**	1700 psig
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	~~Oct-25-2022~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
n-Octane	111-65-9	1.00 ppm	1.03 ppm
Tetrachloroethylene	127-18-4	1.00 ppm	1.05 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.02 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.01 ppm
p-xylene	106-42-3	1.00 ppm	1.02 ppm
m-xylene	108-38-3	1.00 ppm	1.02 ppm
Bromoform	75-25-2	1.00 ppm	1.02 ppm
Styrene	100-42-5	1.00 ppm	1.00 ppm
o-xylene	95-47-6	1.00 ppm	1.03 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.03 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.05 ppm
Nonane	111-84-2	1.00 ppm	1.05 ppm
Cumene	98-82-8	1.00 ppm	1.04 ppm
2-Chlorotoluene	95-49-8	1.00 ppm	1.04 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.04 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.03 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.04 ppm
alpha-Methyl Styrene (No Stability Guarantee)	98-83-9	1.00 ppm	1.02 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.04 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.04 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.06 ppm
Benzyl Chloride	100-44-7	1.00 ppm	1.06 ppm
n-Decane	124-18-5	1.00 ppm	1.02 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.02 ppm
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.02 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.01 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.02 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.02 ppm

Linde Gas North America LLC
(908) 329-9700 Main (908) 329-9740 Fax
www.Lindeus.com

THE LINDE GROUP

SHIPPED TO: Test America Inc.
30 Community Dr Ste 11
South Burlington, VT 05403-6834

PAGE: 4 of 4

ANALYSIS REPORT

Sales#:	117425259	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1545375	**Cylinder # :**	CC-237336
Report Date:	Oct-25-2021	**Cylinder Pressure:**	1700 psig
P.O.# :	74005680	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	~~Oct-25-2022~~ 11/22/25	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
n-Undecane	1120-21-4	1.00 ppm	1.03 ppm
1,2,4-Trichlorobenzene	120-82-1	1.00 ppm	1.05 ppm
Naphthalene	91-20-3	1.00 ppm	0.95 ppm
n-Dodecane	112-40-3	1.00 ppm	0.93 ppm
1,2,3-Trichlorobenzene	87-61-6	1.00 ppm	0.92 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.00 ppm	1.02 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST: _____
Lou Lorenzetti

DATE: Oct-25-2021

Linde Gas North America LLC
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Preliminary Report

Eurofins Burlington

LCS, Lab Control Sample Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_003.D

Lims ID: LCS Inj. Date: 28-Jun-2024 08:14:13

Worklist ID: 200-0060975-003 Instrument: CHAM.i

Method: TO15_TO3_Master_Method_AM1

Compound	Amount Added	Amount Recovered	%Rec	Limits 1 _Summa_C
1 Propene	10.0	10.7	106.6	50-158
2 Dichlorodifluoromethane	10.0	9.63	96.3	61-142
3 Chlorodifluoromethane	10.0	10.2	102.0	60-147
4 1,2-Dichloro-1,1,2,2-te	10.0	9.59	95.9	71-141
5 Chloromethane	10.0	10.5	105.1	56-141
7 Butane	10.0	11.2	112.0	53-151
6 Vinyl chloride	10.0	10.1	100.6	61-135
8 Butadiene	10.0	9.72	97.2	58-139
9 Bromomethane	10.0	9.39	93.9	72-124
10 Chloroethane	10.0	10.1	101.4	68-130
12 2-Methylbutane	10.0	10.3	103.2	56-150
13 Vinyl bromide	10.0	9.22	92.3	75-125
14 Trichlorofluoromethane	10.0	9.25	92.5	70-129
15 Pentane	10.0	10.7	106.9	59-152
16 Ethanol	15.0	16.8	112.0	50-150
18 Ethyl ether	10.0	10.2	101.7	71-143
19 Acrolein	10.0	10.4	103.8	50-150
20 1,1-Dichloroethene	10.0	9.21	92.1	68-120
21 1,1,2-Trichloro-1,2,2-t	10.0	9.39	93.9	70-121
22 Acetone	10.0	11.2	111.8	54-154
23 Isopropyl alcohol	10.0	10.9	109.3	53-142
24 Carbon disulfide	10.0	10.0	100.2	71-138
25 Acetonitrile	10.0	11.5	114.7	60-154
26 3-Chloro-1-propene	10.0	10.4	104.2	50-150
27 Methylene Chloride	10.0	10.6	106.4	59-137
28 2-Methyl-2-propanol	10.0	10.7	106.8	66-132
29 Acrylonitrile	10.0	11.0	109.7	65-140
30 trans-1,2-Dichloroethen	10.0	10.0	100.0	69-137
31 Methyl tert-butyl ether	10.0	10.2	102.3	70-127
32 Hexane	10.0	10.1	100.9	63-138
S 35 1,2-Dichloroethene, Tot	20.0	19.2	96.2	73-126
33 1,1-Dichloroethane	10.0	9.90	99.0	66-130
34 Vinyl acetate	10.0	11.3	112.9	59-149
36 2-Butanone (MEK)	10.0	10.1	100.8	72-124
37 cis-1,2-Dichloroethene	10.0	9.24	92.4	72-121
38 Ethyl acetate	10.0	10.0	99.9	70-131
40 Tetrahydrofuran	10.0	11.1	111.0	60-149
41 Chloroform	10.0	9.72	97.2	73-124
42 1,1,1-Trichloroethane	10.0	9.59	95.9	72-127
43 Cyclohexane	10.0	9.63	96.4	76-124
44 Carbon tetrachloride	10.0	9.47	94.7	71-133

Preliminary Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_003.D

Compound	Amount Added	Amount Recovered	%Rec	Limits 1 Summa_C
45 Benzene	10.0	9.72	97.2	73-119
46 1,2-Dichloroethane	10.0	10.0	100.2	68-135
47 Isooctane	10.0	10.2	101.7	68-131
48 n-Heptane	10.0	10.4	104.1	60-142
50 n-Butanol	10.0	10.4	104.4	50-156
51 Trichloroethene	10.0	9.34	93.4	73-122
53 1,2-Dichloropropane	10.0	10.1	101.0	69-128
54 Methyl methacrylate	10.0	10.3	102.9	73-129
55 1,4-Dioxane	10.0	10.1	101.4	66-129
57 Dibromomethane	10.0	8.93	89.3	68-126
58 Dichlorobromomethane	10.0	9.86	98.6	75-127
59 cis-1,3-Dichloropropene	10.0	10.0	100.0	74-125
61 4-Methyl-2-pentanone (M	10.0	10.7	107.4	58-144
62 Toluene	10.0	9.89	98.9	75-122
64 n-Octane	10.0	10.6	105.7	62-144
66 trans-1,3-Dichloroprope	10.0	10.1	101.0	74-128
67 1,1,2-Trichloroethane	10.0	10.1	101.3	75-126
68 Tetrachloroethene	10.0	9.04	90.5	70-125
69 2-Hexanone	10.0	11.2	111.5	57-143
70 Chlorodibromomethane	10.0	9.88	98.8	73-125
71 Ethylene Dibromide	10.0	9.89	98.9	78-122
74 Chlorobenzene	10.0	9.67	96.7	76-119
75 Ethylbenzene	10.0	10.1	100.6	74-122
76 m-Xylene & p-Xylene	20.0	19.9	99.5	76-121
77 n-Nonane	10.0	10.6	106.1	70-131
S 80 Xylenes, Total	30.0	29.8	99.4	75-122
78 o-Xylene	10.0	9.91	99.1	73-123
79 Styrene	10.0	10.1	101.3	74-125
81 Bromoform	10.0	10.0	100.0	53-149
82 Isopropylbenzene	10.0	10.1	100.7	73-123
83 1,1,2,2-Tetrachloroetha	10.0	10.5	104.6	74-126
84 1,2,3-Trichloropropane	10.0	10.5	105.1	71-125
85 N-Propylbenzene	10.0	10.4	104.1	73-127
86 2-Chlorotoluene	10.0	10.2	101.5	74-126
87 4-Ethyltoluene	10.0	10.4	103.6	75-129
88 1,3,5-Trimethylbenzene	10.0	10.3	103.4	72-126
89 n-Decane	10.0	11.1	111.3	68-134
90 Alpha Methyl Styrene	10.0	10.4	103.7	71-132
91 tert-Butylbenzene	10.0	10.1	101.0	71-125
92 1,2,4-Trimethylbenzene	10.0	10.3	103.4	71-129
93 sec-Butylbenzene	10.0	10.4	104.3	70-128
94 1,3-Dichlorobenzene	10.0	10.0	100.5	69-131
95 4-Isopropyltoluene	10.0	10.4	104.0	68-130
96 1,4-Dichlorobenzene	10.0	10.1	100.6	67-132
97 Benzyl chloride	10.0	11.4	113.6	60-136
98 n-Butylbenzene	10.0	10.7	107.4	65-137

Preliminary Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.I\20240628-60975.b\60975_003.D

Compound	Amount Added	Amount Recovered	%Rec	Limits 1 _Summa_C
99 1,2-Dichlorobenzene	10.0	10.2	101.5	68-129
100 Undecane	10.0	11.1	111.5	62-136
101 Dodecane	10.0	11.4	114.4	50-150
102 1,2,4-Trichlorobenzene	10.0	9.83	98.3	50-150
103 Hexachlorobutadiene	10.0	9.18	91.8	58-130
104 Naphthalene	10.0	13.1	131.2	50-150
105 1,2,3-Trichlorobenzene	10.0	9.81	98.1	50-150

Samples for Limit Group: 1, Lims Prep Method: Air_Summa_Can

200-74115-A-3	200-74115-A-4	180-176160-A-1
200-74105-A-1	200-74105-A-2	200-74105-A-3
200-74105-A-4	200-74105-A-5	200-74124-A-1
200-74009-A-10	180-176297-A-1	180-176297-A-2
180-176297-A-3	180-176297-A-4	180-176297-A-5

Preliminary Report

Eurofins Burlington

LCSD, LCS Duplicate Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.I\20240628-60975.b\60975_004.D

Lims ID: LCSD Inj. Date: 28-Jun-2024 09:05:42

Worklist ID: 200-0060975-004 Instrument: CHAM.I

Method: TO15_TO3_Master_Method_AM1

Compound	Amount Added	Amount Recovered	%Rec	Limits 1 Summa_(
1 Propene	10.0	9.96	99.7	50-158
2 Dichlorodifluoromethane	10.0	9.11	91.1	61-142
3 Chlorodifluoromethane	10.0	9.58	95.8	60-147
4 1,2-Dichloro-1,1,2,2-te	10.0	9.05	90.5	71-141
5 Chloromethane	10.0	9.88	98.8	56-141
7 Butane	10.0	10.3	102.6	53-151
6 Vinyl chloride	10.0	9.24	92.4	61-135
8 Butadiene	10.0	9.08	90.8	58-139
9 Bromomethane	10.0	8.90	89.0	72-124
10 Chloroethane	10.0	9.44	94.4	68-130
12 2-Methylbutane	10.0	9.70	97.0	56-150
13 Vinyl bromide	10.0	8.89	88.9	75-125
14 Trichlorofluoromethane	10.0	8.78	87.9	70-129
15 Pentane	10.0	9.67	96.7	59-152
16 Ethanol	15.0	15.6	103.7	50-150
18 Ethyl ether	10.0	9.21	92.2	71-143
19 Acrolein	10.0	9.43	94.3	50-150
20 1,1-Dichloroethene	10.0	8.41	84.2	68-120
21 1,1,2-Trichloro-1,2,2-t	10.0	8.52	85.2	70-121
22 Acetone	10.0	10.2	102.0	54-154
23 Isopropyl alcohol	10.0	9.37	93.7	53-142
24 Carbon disulfide	10.0	9.10	91.0	71-138
25 Acetonitrile	10.0	8.87	88.7	60-154
26 3-Chloro-1-propene	10.0	9.56	95.6	50-150
27 Methylene Chloride	10.0	9.60	96.0	59-137
28 2-Methyl-2-propanol	10.0	9.60	96.0	66-132
29 Acrylonitrile	10.0	9.67	96.7	65-140
30 trans-1,2-Dichloroethen	10.0	9.40	94.0	69-137
31 Methyl tert-butyl ether	10.0	9.51	95.1	70-127
32 Hexane	10.0	9.30	93.1	63-138
S 35 1,2-Dichloroethene, Tot	20.0	17.7	88.5	73-126
33 1,1-Dichloroethane	10.0	8.89	88.9	66-130
34 Vinyl acetate	10.0	10.1	101.0	59-149
36 2-Butanone (MEK)	10.0	9.05	90.5	72-124
37 cis-1,2-Dichloroethene	10.0	8.29	82.9	72-121
38 Ethyl acetate	10.0	9.33	93.3	70-131
40 Tetrahydrofuran	10.0	9.89	99.0	60-149
41 Chloroform	10.0	9.01	90.2	73-124
42 1,1,1-Trichloroethane	10.0	8.90	89.0	72-127
43 Cyclohexane	10.0	8.93	89.3	76-124
44 Carbon tetrachloride	10.0	8.84	88.4	71-133

Preliminary Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_004.D

Compound	Amount Added	Amount Recovered	%Rec	Limits 1 Summa C
45 Benzene	10.0	9.03	90.3	73-119
46 1,2-Dichloroethane	10.0	9.30	93.0	68-135
47 Isooctane	10.0	9.41	94.1	68-131
48 n-Heptane	10.0	9.64	96.4	60-142
50 n-Butanol	10.0	8.16	81.7	50-156
51 Trichloroethene	10.0	8.71	87.2	73-122
53 1,2-Dichloropropane	10.0	9.37	93.7	69-128
54 Methyl methacrylate	10.0	9.37	93.7	73-129
55 1,4-Dioxane	10.0	8.68	86.9	66-129
57 Dibromomethane	10.0	8.40	84.0	68-126
58 Dichlorobromomethane	10.0	9.17	91.7	75-127
59 cis-1,3-Dichloropropene	10.0	9.16	91.6	74-125
61 4-Methyl-2-pentanone (M	10.0	9.69	96.9	58-144
62 Toluene	10.0	9.23	92.3	75-122
64 n-Octane	10.0	9.71	97.1	62-144
66 trans-1,3-Dichloroprope	10.0	10.1	100.9	74-128
67 1,1,2-Trichloroethane	10.0	9.52	95.2	75-126
68 Tetrachloroethene	10.0	8.52	85.2	70-125
69 2-Hexanone	10.0	9.79	98.0	57-143
70 Chlorodibromomethane	10.0	9.12	91.3	73-125
71 Ethylene Dibromide	10.0	9.19	91.9	78-122
74 Chlorobenzene	10.0	9.05	90.5	76-119
75 Ethylbenzene	10.0	9.30	93.0	74-122
76 m-Xylene & p-Xylene	20.0	18.5	92.3	76-121
77 n-Nonane	10.0	9.82	98.2	70-131
S 80 Xylenes, Total	30.0	27.7	92.5	75-122
78 o-Xylene	10.0	9.28	92.8	73-123
79 Styrene	10.0	9.35	93.5	74-125
81 Bromoform	10.0	9.09	90.9	53-149
82 Isopropylbenzene	10.0	9.38	93.8	73-123
83 1,1,2,2-Tetrachloroetha	10.0	9.52	95.2	74-126
84 1,2,3-Trichloropropane	10.0	9.58	95.8	71-125
85 N-Propylbenzene	10.0	9.62	96.3	73-127
86 2-Chlorotoluene	10.0	9.38	93.8	74-126
87 4-Ethyltoluene	10.0	9.58	95.9	75-129
88 1,3,5-Trimethylbenzene	10.0	9.61	96.1	72-126
89 n-Decane	10.0	10.3	103.0	68-134
90 Alpha Methyl Styrene	10.0	9.26	92.6	71-132
91 tert-Butylbenzene	10.0	9.40	94.0	71-125
92 1,2,4-Trimethylbenzene	10.0	9.50	95.0	71-129
93 sec-Butylbenzene	10.0	9.67	96.7	70-128
94 1,3-Dichlorobenzene	10.0	9.02	90.2	69-131
95 4-Isopropyltoluene	10.0	9.39	93.9	68-130
96 1,4-Dichlorobenzene	10.0	9.10	91.1	67-132
97 Benzyl chloride	10.0	9.71	97.1	60-136
98 n-Butylbenzene	10.0	9.58	95.8	65-137

Preliminary Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_004.D

Compound	Amount Added	Amount Recovered	%Rec	Limits 1 _Summa_C
99 1,2-Dichlorobenzene	10.0	9.04	90.4	68-129
100 Undecane	10.0	9.86	98.7	62-136
101 Dodecane	10.0	9.23	92.4	50-150
102 1,2,4-Trichlorobenzene	10.0	8.16	81.6	50-150
103 Hexachlorobutadiene	10.0	8.35	83.6	58-130
104 Naphthalene	10.0	9.95	99.5	50-150
105 1,2,3-Trichlorobenzene	10.0	7.21	72.2	50-150

Samples for Limit Group: 1, Lims Prep Method: Air_Summa_Can

200-74115-A-3	200-74115-A-4	180-176160-A-1
200-74105-A-1	200-74105-A-2	200-74105-A-3
200-74105-A-4	200-74105-A-5	200-74124-A-1
200-74009-A-10	180-176297-A-1	180-176297-A-2
180-176297-A-3	180-176297-A-4	180-176297-A-5

Analyte	LCS %	LCSD %	RDP
Propene	106.6	99.7	3.34
Dichlorodifluoromethane	96.3	91.1	2.77
Chlorodifluoromethane	102	95.8	3.13
1,2-Dichloro-1,1,2,2-tetrafluoroethane	95.9	90.5	2.90
Chloromethane	105.1	98.8	3.09
Butane	112	102.6	4.38
Vinyl chloride	100.6	92.4	4.25
Butadiene	97.2	90.8	3.40
Bromomethane	93.9	89	2.68
Chloroethane	101.4	94.4	3.58
2-Methylbutane	103.2	97	3.10
Vinyl bromide	92.3	88.9	1.88
Trichlorofluoromethane	92.5	87.9	2.55
Pentane	106.9	96.7	5.01
Ethanol	112	103.7	3.85
Ethyl ether	101.7	92.2	4.90
Acrolein	103.8	94.3	4.80
1,1,2-Trichloro-1,2,2-trifluoroethane	93.9	85.5	4.68
1,1-Dichloroethene	92.1	84.2	4.48
Acetone	111.8	102	4.58
Isopropyl alcohol	109.3	93.7	7.68
Carbon disulfide	100.2	91	4.81
3-Chloro-1-propene	104.2	95.6	4.30
Acetonitrile	114.7	88.7	12.78
Methylene Chloride	106.4	96	5.14
2-Methyl-2-propanol	106.8	96	5.33
Methyl tert-butyl ether	102.3	95.1	3.65
trans-1,2-Dichloroethene	100	94	3.09
Acrylonitrile	102.3	96.7	2.81
Hexane	109.7	93.1	8.19
1,1-Dichloroethane	99	88.9	5.38
Vinyl acetate	112.9	101	5.56
2-Butanone (MEK)	100.8	90.5	5.38
Ethyl acetate	99.9	93.3	3.42
cis-1,2-Dichloroethene	92.4	82.9	5.42
Tetrahydrofuran	111	99	5.71
Chloroform	97.2	90.2	3.74
1,1,1-Trichloroethane	95.9	89	3.73
Cyclohexane	96.4	89.3	3.82
Carbon tetrachloride	94.7	88.4	3.44
Isooctane	101.7	94.1	3.88
Benzene	97.2	90.3	3.68
1,2-Dichloroethane	100.2	93	3.73

n-Heptane	104.1	96.4	3.84
n-Butanol	104.4	81.7	12.20
Trichloroethene	93.4	87.2	3.43
1,2-Dichloropropane	101	93.7	3.75
Methyl methacrylate	102.9	93.7	4.68
1,4-Dioxane	101.4	86.9	7.70
Dibromomethane	89.3	84	3.06
Dichlorobromomethane	98.6	91.7	3.63
cis-1,3-Dichloropropene	100	91.6	4.38
4-Methyl-2-pentanone (MIBK)	107.4	96.9	5.14
n-Octane	105.7	97.1	4.24
Toluene	98.9	92.3	3.45
trans-1,3-Dichloropropene	101	100.9	0.05
1,1,2-Trichloroethane	101.3	95.2	3.10
Tetrachloroethene	90.5	85.2	3.02
2-Hexanone	111.5	98	6.44
Chlorodibromomethane	98.8	91.3	3.95
Ethylene Dibromide	98.9	91.9	3.67
Chlorobenzene	96.7	90.5	3.31
Ethylbenzene	100.6	93	3.93
n-Nonane	106.1	98.2	3.87
m-Xylene & p-Xylene	99.5	92.3	3.75
o-Xylene	99.1	92.8	3.28
Styrene	101.3	93.5	4.00
Bromoform	100	90.9	4.77
Isopropylbenzene	100.7	93.8	3.55
1,1,2,2-Tetrachloroethane	104.6	95.2	4.70
N-Propylbenzene	104.1	96.3	3.89
1,2,3-Trichloropropane	105.1	95.8	4.63
n-Decane	111.3	103	3.87
4-Ethyltoluene	103.6	95.9	3.86
2-Chlorotoluene	101.5	93.8	3.94
1,3,5-Trimethylbenzene	103.4	96.1	3.66
Alpha Methyl Styrene	103.7	92.6	5.65
tert-Butylbenzene	101	94	3.59
1,2,4-Trimethylbenzene	103.4	95	4.23
sec-Butylbenzene	104.3	96.7	3.78
4-Isopropyltoluene	104.5	93.9	5.34
1,3-Dichlorobenzene	100.5	90.2	5.40
1,4-Dichlorobenzene	100.6	91.1	4.96
Benzyl chloride	113.6	97.1	7.83
Undecane	111.5	98.7	6.09
n-Butylbenzene	107.4	95.8	5.71
1,2-Dichlorobenzene	101.5	90.4	5.78

Dodecane	114.4	92.4	10.64
1,2,4-Trichlorobenzene	98.3	81.6	9.28
Hexachlorobutadiene	91.8	83.6	4.68
Naphthalene	131.2	99.5	13.74
1,2,3-Trichlorobenzene	98.1	72.2	15.21

Reagent

ATTO15CISs_00012

THE LINDE GROUP

SHIPPED TO: Test America Inc.
30 Community Dr. Ste. 11
Suoth Burlington, VT 05403-6834

PAGE: 1 of 1

ANALYSIS REPORT

Sales#:	117424982	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1543553	**Cylinder # :**	CC-106829
Report Date:	Sep-22-2021	**Cylinder Pressure:**	2000 psig
P.O.# :	74003137	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24088974	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	Sep-22-2022 * 9/22/2025	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	10% Relative

COMPONENT		CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Bromochloromethane		74-97-5	100 ppb	96 ppb
1,4-Difluorobenzene		540-36-3	100 ppb	98 ppb
Chlorobenzene-d5		3114-55-4	100 ppb	94 ppb
4-Bromofluorobenzene		460-00-4	100 ppb	92 ppb
Nitrogen	1552483 ID ATTO15CISs_00012 Exp 09/22/25 Prpd TPB Opn 10/14/21 Internal Standard for Ins	7727-37-9	Balance	Balance

* ISTD exp 5 years from manufacturing date of 9/22/21

ANALYST: Brian Bramkamp **DATE:** Sep-22-2021

Linde Gas North America LLC

(908) 329-9700 Main (908) 329-9740 Fax
www.Lindeus.com

Reagent

ATTO15WISs_00010

Spectra Gases, Inc.

3434 Route 22 West, Branchburg, New Jersey 08876 USA

ISO 9001:2000

AT~~06~~= 02-06-05 9/28/05 MTP

SHIPPED FROM: 80 INDUSTRIAL DRIVE ALPHA, NJ. 08865

SHIPPED TO: Severn Trent Labs
208 South Park Drive
Suite 1
Colchester , VT 05446

Recert AT020/009 exp 12/14/08
Instrument F

CERTIFICATE OF ANALYSIS

Lot# 238643

SGI ORDER # :	0077411
ITEM# :	1
CERTIFICATION DATE:	9/16/2005
P.O.# :	2117184
BLEND TYPE:	CERTIFIED

CYLINDER # : CC-172855
CYLINDER PRES: 2000 psig
CYLINDER VALVE: CGA 350
PRODUCT EXPIRATION DATE: 9/16/2006 *

ANALYTICAL ACCURACY: +/- 10%

COMPONENT	REQUESTED GAS CONC	ANALYSIS
Bromochloromethane	100 ppb	100 ppb
1,4-Difluorobenzene	100 ppb	101 ppb
Chlorobenzene-d5	100 ppb	100 ppb
4-Bromofluorobenzene	100 ppb	100 ppb
Nitrogen	Balance	Balance

1675511
ID ATTO15WISs_00010
Exp:11/05/25 Prpd:TPB Opn:11/05/20
Instrument W Internal Sta

* Exp: 11/05/2025
* Recertify at 11/05/2020 by TPB

ANALYST: April Chamberlain

DATE: 9/19/2005

Tel: +1 908-252-9300 Fax: +1 908-252-0811
www.spectragases.com

Method TO15

Volatile Organic Compounds (GC/MS) by Method TO15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 66362_004.D

Lab ID: LCS 200-219230/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	12.0	120	61-142	
Freon 22	10.0	12.0	120	60-147	
1,2-Dichlorotetrafluoroethane	10.0	11.2	112	71-141	
Chloromethane	10.0	12.1	121	56-141	
n-Butane	10.0	11.3	113	53-151	
Vinyl chloride	10.0	9.91	99	61-135	
1,3-Butadiene	10.0	10.5	105	58-139	
Bromomethane	10.0	11.3	113	72-124	
Chloroethane	10.0	12.0	120	68-130	
Bromoethene(Vinyl Bromide)	10.0	11.2	112	75-125	
Trichlorofluoromethane	10.0	10.7	107	70-129	
Freon TF	10.0	10.2	102	70-121	
1,1-Dichloroethene	10.0	10.2	102	68-120	
Acetone	10.0	11.6	116	54-154	
Isopropyl alcohol	10.0	13.1	131	53-142	
Carbon disulfide	10.0	11.1	111	71-138	
3-Chloropropene	10.0	8.34	83	50-150	
Methylene Chloride	10.0	10.6	106	59-137	
tert-Butyl alcohol	10.0	11.5	115	66-132	
Methyl tert-butyl ether	10.0	10.5	105	70-127	
trans-1,2-Dichloroethene	10.0	9.92	99	69-137	
n-Hexane	10.0	10.3	103	63-138	
1,1-Dichloroethane	10.0	9.70	97	66-130	
Methyl Ethyl Ketone	10.0	10.1	101	72-124	
cis-1,2-Dichloroethene	10.0	9.38	94	72-121	
Chloroform	10.0	10.2	102	73-124	
Tetrahydrofuran	10.0	10.6	106	60-149	
1,1,1-Trichloroethane	10.0	10.1	101	72-127	
Cyclohexane	10.0	10.0	100	76-124	
Carbon tetrachloride	10.0	9.70	97	71-133	
2,2,4-Trimethylpentane	10.0	10.1	101	68-131	
Benzene	10.0	10.1	101	73-119	
1,2-Dichloroethane	10.0	10.2	102	68-135	
n-Heptane	10.0	9.67	97	60-142	
Trichloroethene	10.0	9.75	97	73-122	
Methyl methacrylate	10.0	10.6	106	73-129	
1,2-Dichloropropane	10.0	9.97	100	69-128	
1,4-Dioxane	10.0	10.3	103	66-129	
Bromodichloromethane	10.0	9.99	100	75-127	
cis-1,3-Dichloropropene	10.0	10.1	101	74-125	
methyl isobutyl ketone	10.0	10.5	105	58-144	
Toluene	10.0	10.2	102	75-122	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 66362_004.D

Lab ID: LCS 200-219230/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.8	108	74-128	
1,1,2-Trichloroethane	10.0	10.2	102	75-126	
Tetrachloroethene	10.0	8.84	88	70-125	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.8	108	57-143	
Dibromochloromethane	10.0	9.35	93	73-125	
1,2-Dibromoethane	10.0	10.1	101	78-122	
Chlorobenzene	10.0	9.91	99	76-119	
Ethylbenzene	10.0	10.3	103	74-122	
m,p-Xylene	20.0	20.3	102	76-121	
Xylene, o-	10.0	10.1	101	73-123	
Styrene	10.0	10.3	103	74-125	
Bromoform	10.0	7.56	76	53-149	
Cumene	10.0	10.3	103	73-123	
1,1,2,2-Tetrachloroethane	10.0	10.2	102	74-126	
4-Ethyltoluene	10.0	10.5	105	75-129	
1,3,5-Trimethylbenzene	10.0	10.3	103	72-126	
2-Chlorotoluene	10.0	10.3	103	74-126	
1,2,4-Trimethylbenzene	10.0	10.3	103	71-129	
4-Isopropyltoluene	10.0	10.1	101	68-130	
1,3-Dichlorobenzene	10.0	9.55	95	69-131	
1,4-Dichlorobenzene	10.0	9.67	97	67-132	
Benzyl chloride	10.0	9.98	100	60-136	
1,2-Dichlorobenzene	10.0	9.50	95	68-129	
1,2,4-Trichlorobenzene	10.0	11.0	110	50-150	
Hexachlorobutadiene	10.0	9.27	93	58-130	
Naphthalene	10.0	11.4	114	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 66386-04.d

Lab ID: LCS 200-219284/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	11.6	116	61-142	
Freon 22	10.0	10.8	108	60-147	
1,2-Dichlorotetrafluoroethane	10.0	10.6	106	71-141	
Chloromethane	10.0	9.81	98	56-141	
n-Butane	10.0	9.51	95	53-151	
Vinyl chloride	10.0	9.18	92	61-135	
1,3-Butadiene	10.0	8.85	89	58-139	
Bromomethane	10.0	9.96	100	72-124	
Chloroethane	10.0	9.49	95	68-130	
Bromoethene(Vinyl Bromide)	10.0	9.85	99	75-125	
Trichlorofluoromethane	10.0	11.2	112	70-129	
Freon TF	10.0	9.87	99	70-121	
1,1-Dichloroethene	10.0	9.33	93	68-120	
Acetone	10.0	10.5	105	54-154	
Isopropyl alcohol	10.0	11.1	111	53-142	
Carbon disulfide	10.0	9.19	92	71-138	
3-Chloropropene	10.0	7.68	77	50-150	
Methylene Chloride	10.0	9.71	97	59-137	
tert-Butyl alcohol	10.0	10.2	102	66-132	
Methyl tert-butyl ether	10.0	10.2	102	70-127	
trans-1,2-Dichloroethene	10.0	10.6	106	69-137	
n-Hexane	10.0	9.51	95	63-138	
1,1-Dichloroethane	10.0	9.49	95	66-130	
Methyl Ethyl Ketone	10.0	9.71	97	72-124	
cis-1,2-Dichloroethene	10.0	8.81	88	72-121	
Chloroform	10.0	10.4	104	73-124	
Tetrahydrofuran	10.0	9.24	92	60-149	
1,1,1-Trichloroethane	10.0	11.0	110	72-127	
Cyclohexane	10.0	9.48	95	76-124	
Carbon tetrachloride	10.0	11.4	114	71-133	
2,2,4-Trimethylpentane	10.0	9.50	95	68-131	
Benzene	10.0	9.41	94	73-119	
1,2-Dichloroethane	10.0	11.3	113	68-135	
n-Heptane	10.0	9.72	97	60-142	
Trichloroethene	10.0	10.0	100	73-122	
Methyl methacrylate	10.0	9.25	92	73-129	
1,2-Dichloropropane	10.0	9.36	94	69-128	
1,4-Dioxane	10.0	10.1	101	66-129	
Bromodichloromethane	10.0	10.6	106	75-127	
cis-1,3-Dichloropropene	10.0	9.77	98	74-125	
methyl isobutyl ketone	10.0	10.2	102	58-144	
Toluene	10.0	9.62	96	75-122	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 66386-04.d

Lab ID: LCS 200-219284/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	11.1	111	74-128	
1,1,2-Trichloroethane	10.0	10.0	100	75-126	
Tetrachloroethene	10.0	10.0	100	70-125	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.5	105	57-143	
Dibromochloromethane	10.0	9.95	99	73-125	
1,2-Dibromoethane	10.0	9.99	100	78-122	
Chlorobenzene	10.0	9.74	97	76-119	
Ethylbenzene	10.0	10.1	101	74-122	
m,p-Xylene	20.0	20.0	100	76-121	
Xylene, o-	10.0	9.97	100	73-123	
Styrene	10.0	9.94	99	74-125	
Bromoform	10.0	9.02	90	53-149	
Cumene	10.0	10.1	102	73-123	
1,1,2,2-Tetrachloroethane	10.0	9.62	96	74-126	
4-Ethyltoluene	10.0	10.5	105	75-129	
1,3,5-Trimethylbenzene	10.0	10.2	102	72-126	
2-Chlorotoluene	10.0	10.2	102	74-126	
1,2,4-Trimethylbenzene	10.0	10.3	103	71-129	
4-Isopropyltoluene	10.0	10.1	101	68-130	
1,3-Dichlorobenzene	10.0	10.0	100	69-131	
1,4-Dichlorobenzene	10.0	10.0	100	67-132	
Benzyl chloride	10.0	9.82	98	60-136	
1,2-Dichlorobenzene	10.0	9.91	99	68-129	
1,2,4-Trichlorobenzene	10.0	11.0	110	50-150	
Hexachlorobutadiene	10.0	10.9	109	58-130	
Naphthalene	10.0	9.42	94	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab File ID: 66362_005.D Lab Sample ID: MB 200-219230/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHAN.i Date Analyzed: 08/15/2025 10:34

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-219230/4	66362_004.D	08/15/2025 09:42
SVE_INF_20250814	200-78914-1	66362_024.D	08/16/2025 02:58
SVE_EFF_20250814	200-78914-2	66362_025.D	08/16/2025 03:50
SSDS_INF_20250814	200-78914-3	66362_026.D	08/16/2025 04:41

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab File ID: 66386-06.d Lab Sample ID: MB 200-219284/6

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHW.i Date Analyzed: 08/18/2025 11:29

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-219284/4	66386-04.d	08/18/2025 09:47
SSDS_INF_20250814 DL	200-78914-3 DL	66386-07.d	08/18/2025 12:20

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab File ID: 66192_001.D BFB Injection Date: 08/04/2025

Instrument ID: CHAN.i BFB Injection Time: 08:24

Analysis Batch No.: 218864

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	16.8	
75	30.0 - 66.0% of mass 95	51.1	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	76.8	
175	4.0 - 9.0 % of mass 174	6.6	(8.5) 1
176	93.0 - 101.0% of mass 174	74.9	(97.5) 1
177	5.0 - 9.0% of mass 176	5.0	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-218864/2	66192_002.D	08/04/2025	9:14
	IC 200-218864/4	66192_004.D	08/04/2025	10:57
	IC 200-218864/5	66192_005.D	08/04/2025	11:49
	IC 200-218864/6	66192_006.D	08/04/2025	12:40
	ICIS 200-218864/7	66192_007.D	08/04/2025	13:32
	IC 200-218864/10	66192_010.D	08/04/2025	16:06
	IC 200-218864/11	66192_011.D	08/04/2025	16:57
	IC 200-218864/12	66192_012.D	08/04/2025	17:49
	ICV 200-218864/16	66192_016.D	08/04/2025	21:18

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab File ID: 66362_001.D BFB Injection Date: 08/15/2025

Instrument ID: CHAN.i BFB Injection Time: 07:12

Analysis Batch No.: 219230

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	18.0	
75	30.0 - 66.0% of mass 95	54.1	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	71.6	
175	4.0 - 9.0 % of mass 174	6.2	(8.6) 1
176	93.0 - 101.0% of mass 174	70.2	(98.0) 1
177	5.0 - 9.0% of mass 176	4.7	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-219230/3	66362_003.D	08/15/2025	8:50
	LCS 200-219230/4	66362_004.D	08/15/2025	9:42
	MB 200-219230/5	66362_005.D	08/15/2025	10:34
SVE_INF_20250814	200-78914-1	66362_024.D	08/16/2025	2:58
SVE_EFF_20250814	200-78914-2	66362_025.D	08/16/2025	3:50
SSDS_INF_20250814	200-78914-3	66362_026.D	08/16/2025	4:41

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab File ID: 66295-02.d BFB Injection Date: 08/11/2025

Instrument ID: CHW.i BFB Injection Time: 14:34

Analysis Batch No.: 219090

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	20.1	
75	30.0 - 66.0% of mass 95	51.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.6	(0.7) 1
174	50.0 - 120.0% of mass 95	90.6	
175	4.0 - 9.0 % of mass 174	6.6	(7.3) 1
176	93.0 - 101.0% of mass 174	87.5	(96.6) 1
177	5.0 - 9.0% of mass 176	5.5	(6.2) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-219090/6	66295-06.d	08/11/2025	17:58
	IC 200-219090/7	66295-07.d	08/11/2025	18:48
	ICIS 200-219090/10	66295-10.d	08/11/2025	21:24
	IC 200-219090/11	66295-11.d	08/11/2025	22:14
	IC 200-219090/15	66295-15.d	08/12/2025	1:39
	IC 200-219090/16	66295-16.d	08/12/2025	2:30
	IC 200-219090/22	66295-22.d	08/12/2025	8:04
	IC 200-219090/23	66295-23.d	08/12/2025	9:55
	ICV 200-219090/24	66295-24.d	08/12/2025	10:45

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab File ID: 66386-01.d BFB Injection Date: 08/18/2025

Instrument ID: CHW.i BFB Injection Time: 07:15

Analysis Batch No.: 219284

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	25.5	
75	30.0 - 66.0% of mass 95	61.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	1.2	(1.3) 1
174	50.0 - 120.0% of mass 95	92.5	
175	4.0 - 9.0 % of mass 174	7.1	(7.7) 1
176	93.0 - 101.0% of mass 174	91.7	(99.1) 1
177	5.0 - 9.0% of mass 176	5.9	(6.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-219284/3	66386-03.d	08/18/2025	8:56
	LCS 200-219284/4	66386-04.d	08/18/2025	9:47
	MB 200-219284/6	66386-06.d	08/18/2025	11:29
SSDS_INF_20250814 DL	200-78914-3 DL	66386-07.d	08/18/2025	12:20

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Sample No.: ICIS 200-218864/7 Date Analyzed: 08/04/2025 13:32

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 66192_007.D Heated Purge: (Y/N) N

Calibration ID: 55722

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		804083	11.51	3882955	13.35	3581729	18.81
UPPER LIMIT		1125716	11.84	5436137	13.68	5014421	19.14
LOWER LIMIT		482450	11.18	2329773	13.02	2149037	18.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-218864/16		921643	11.51	4368013	13.35	4053309	18.81

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Sample No.: CCVIS 200-219230/3 Date Analyzed: 08/15/2025 08:50

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 66362_003.D Heated Purge: (Y/N) N

Calibration ID: 55722

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		509138	11.51	2550434	13.35	2333571	18.81
UPPER LIMIT		712793	11.84	3570608	13.68	3266999	19.14
LOWER LIMIT		305483	11.18	1530260	13.02	1400143	18.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-219230/4		544952	11.51	2708120	13.35	2459782	18.81
MB 200-219230/5		533228	11.51	2666554	13.35	2385821	18.81
200-78914-1	SVE_INF_20250814	404516	11.51	2065152	13.35	1927928	18.81
200-78914-2	SVE_EFF_20250814	454486	11.51	2290040	13.35	2091581	18.81
200-78914-3	SSDS_INF_20250814	477591	11.51	2415899	13.35	2299532	18.81

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Sample No.: ICIS 200-219090/10 Date Analyzed: 08/11/2025 21:24

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 66295-10.d Heated Purge: (Y/N) N

Calibration ID: 55766

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		123345	12.19	640715	14.19	558689	19.90
UPPER LIMIT		172683	12.52	897001	14.52	782165	20.23
LOWER LIMIT		74007	11.86	384429	13.86	335213	19.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-219090/24		121473	12.19	629776	14.19	546146	19.90

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Sample No.: CCVIS 200-219284/3 Date Analyzed: 08/18/2025 08:56

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 66386-03.d Heated Purge: (Y/N) N

Calibration ID: 55766

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		99760	12.19	501350	14.19	440837	19.90
UPPER LIMIT		139664	12.52	701890	14.52	617172	20.23
LOWER LIMIT		59856	11.86	300810	13.86	264502	19.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-219284/4		114322	12.19	586337	14.19	503818	19.90
MB 200-219284/6		98266	12.19	514170	14.19	452360	19.90
200-78914-3 DL	SSDS_INF_20250814 DL	102175	12.19	528882	14.19	474569	19.90

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-78914-1

SDG No.:

Client Sample ID: SVE_INF_20250814 | Lab Sample ID: 200-78914-1

Matrix: Air | Lab File ID: 66362_024.D

Analysis Method: TO-15 | Date Collected: 08/14/2025 11:35

Sample wt/vol: 50(mL) | Date Analyzed: 08/16/2025 02:58

Soil Aliquot Vol: | Dilution Factor: 40

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 219230 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	20	U	20	8.8
75-45-6	Freon 22	86.47	20	U	20	14
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	8.0	U	8.0	3.0
74-87-3	Chloromethane	50.49	20	U	20	13
106-97-8	n-Butane	58.12	30		20	12
75-01-4	Vinyl chloride	62.50	8.0	U	8.0	1.2
106-99-0	1,3-Butadiene	54.09	8.0	U	8.0	1.6
74-83-9	Bromomethane	94.94	8.0	U	8.0	2.5
75-00-3	Chloroethane	64.52	20	U	20	6.4
593-60-2	Bromoethene(Vinyl Bromide)	106.96	8.0	U	8.0	1.9
75-69-4	Trichlorofluoromethane	137.37	8.0	U	8.0	3.1
76-13-1	Freon TF	187.38	8.0	U	8.0	2.3
75-35-4	1,1-Dichloroethene	96.94	8.0	U	8.0	1.4
67-64-1	Acetone	58.08	110	J	200	76
67-63-0	Isopropyl alcohol	60.10	200	U	200	88
75-15-0	Carbon disulfide	76.14	40		20	7.2
107-05-1	3-Chloropropene	76.53	20	U	20	3.2
75-09-2	Methylene Chloride	84.93	20	U	20	7.6
75-65-0	tert-Butyl alcohol	74.12	200	U	200	64
1634-04-4	Methyl tert-butyl ether	88.15	8.0	U	8.0	2.6
156-60-5	trans-1,2-Dichloroethene	96.94	6.3	J	8.0	0.80
110-54-3	n-Hexane	86.17	34		20	6.4
75-34-3	1,1-Dichloroethane	98.96	8.0	U	8.0	0.72
78-93-3	Methyl Ethyl Ketone	72.11	8.7	J	20	5.6
156-59-2	cis-1,2-Dichloroethene	96.94	8.0	U	8.0	1.3
540-59-0	1,2-Dichloroethene, Total	96.94	6.3	J	16	0.80
67-66-3	Chloroform	119.38	3.0	J	8.0	2.4
109-99-9	Tetrahydrofuran	72.11	200	U	200	68
71-55-6	1,1,1-Trichloroethane	133.41	8.0	U	8.0	2.9
110-82-7	Cyclohexane	84.16	33		8.0	2.1

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-78914-1

SDG No.:

Client Sample ID: SVE_INF_20250814 | Lab Sample ID: 200-78914-1

Matrix: Air | Lab File ID: 66362_024.D

Analysis Method: TO-15 | Date Collected: 08/14/2025 11:35

Sample wt/vol: 50(mL) | Date Analyzed: 08/16/2025 02:58

Soil Aliquot Vol: | Dilution Factor: 40

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 219230 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	8.0	U	8.0	0.96
540-84-1	2,2,4-Trimethylpentane	114.23	880		8.0	2.8
71-43-2	Benzene	78.11	15		8.0	2.0
107-06-2	1,2-Dichloroethane	98.96	8.0	U	8.0	3.0
142-82-5	n-Heptane	100.21	59		8.0	3.4
79-01-6	Trichloroethene	131.39	8.0	U	8.0	1.2
80-62-6	Methyl methacrylate	100.12	19	J	20	5.2
78-87-5	1,2-Dichloropropane	112.99	8.0	U	8.0	2.2
123-91-1	1,4-Dioxane	88.11	200	U	200	7.6
75-27-4	Bromodichloromethane	163.83	8.0	U	8.0	2.3
10061-01-5	cis-1,3-Dichloropropene	110.97	8.0	U	8.0	2.2
108-10-1	methyl isobutyl ketone	100.16	34		20	7.6
108-88-3	Toluene	92.14	44		8.0	2.2
10061-02-6	trans-1,3-Dichloropropene	110.97	8.0	U	8.0	2.5
79-00-5	1,1,2-Trichloroethane	133.41	8.0	U	8.0	2.1
127-18-4	Tetrachloroethene	165.83	8.0	U	8.0	1.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	20	U	20	8.0
124-48-1	Dibromochloromethane	208.28	8.0	U	8.0	2.1
106-93-4	1,2-Dibromoethane	187.87	8.0	U	8.0	1.8
108-90-7	Chlorobenzene	112.56	8.0	U	8.0	1.9
100-41-4	Ethylbenzene	106.17	7.1	J	8.0	2.0
179601-23-1	m,p-Xylene	106.17	180		20	0.56
95-47-6	Xylene, o-	106.17	87		8.0	2.8
1330-20-7	Xylene (total)	106.17	270		28	0.56
100-42-5	Styrene	104.15	8.0	U	8.0	2.2
75-25-2	Bromoform	252.75	8.0	U	8.0	2.3
98-82-8	Cumene	120.19	8.0	U	8.0	2.9
79-34-5	1,1,2,2-Tetrachloroethane	167.85	8.0	U	8.0	2.4
622-96-8	4-Ethyltoluene	120.20	13		8.0	2.7
108-67-8	1,3,5-Trimethylbenzene	120.20	42		8.0	2.7

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SVE_INF_20250814 Lab Sample ID: 200-78914-1

Matrix: Air Lab File ID: 66362_024.D

Analysis Method: TO-15 Date Collected: 08/14/2025 11:35

Sample wt/vol: 50(mL) Date Analyzed: 08/16/2025 02:58

Soil Aliquot Vol: Dilution Factor: 40

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-49-8	2-Chlorotoluene	126.59	8.0	U	8.0	2.3
95-63-6	1,2,4-Trimethylbenzene	120.20	13		8.0	3.3
99-87-6	4-Isopropyltoluene	134.22	8.0	U	8.0	3.1
541-73-1	1,3-Dichlorobenzene	147.00	8.0	U	8.0	2.5
106-46-7	1,4-Dichlorobenzene	147.00	8.0	U	8.0	2.8
100-44-7	Benzyl chloride	126.58	8.0	U	8.0	3.0
95-50-1	1,2-Dichlorobenzene	147.00	8.0	U	8.0	2.6
120-82-1	1,2,4-Trichlorobenzene	181.45	20	U	20	12
87-68-3	Hexachlorobutadiene	260.76	8.0	U	8.0	3.1
91-20-3	Naphthalene	128.17	20	U	20	4.4

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SVE_INF_20250814 Lab Sample ID: 200-78914-1

Matrix: Air Lab File ID: 66362_024.D

Analysis Method: TO-15 Date Collected: 08/14/2025 11:35

Sample wt/vol: 50(mL) Date Analyzed: 08/16/2025 02:58

Soil Aliquot Vol: Dilution Factor: 40

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	99	U	99	44
75-45-6	Freon 22	86.47	71	U	71	51
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	56	U	56	21
74-87-3	Chloromethane	50.49	41	U	41	27
106-97-8	n-Butane	58.12	70		48	29
75-01-4	Vinyl chloride	62.50	20	U	20	3.0
106-99-0	1,3-Butadiene	54.09	18	U	18	3.5
74-83-9	Bromomethane	94.94	31	U	31	9.6
75-00-3	Chloroethane	64.52	53	U	53	17
593-60-2	Bromoethene(Vinyl Bromide)	106.96	35	U	35	8.4
75-69-4	Trichlorofluoromethane	137.37	45	U	45	17
76-13-1	Freon TF	187.38	61	U	61	17
75-35-4	1,1-Dichloroethene	96.94	32	U	32	5.6
67-64-1	Acetone	58.08	270	J	480	180
67-63-0	Isopropyl alcohol	60.10	490	U	490	220
75-15-0	Carbon disulfide	76.14	120		62	22
107-05-1	3-Chloropropene	76.53	63	U	63	10
75-09-2	Methylene Chloride	84.93	69	U	69	26
75-65-0	tert-Butyl alcohol	74.12	610	U	610	190
1634-04-4	Methyl tert-butyl ether	88.15	29	U	29	9.5
156-60-5	trans-1,2-Dichloroethene	96.94	25	J	32	3.2
110-54-3	n-Hexane	86.17	120		70	23
75-34-3	1,1-Dichloroethane	98.96	32	U	32	2.9
78-93-3	Methyl Ethyl Ketone	72.11	26	J	59	17
156-59-2	cis-1,2-Dichloroethene	96.94	32	U	32	5.1
540-59-0	1,2-Dichloroethene, Total	96.94	25	J	63	3.2
67-66-3	Chloroform	119.38	15	J	39	12
109-99-9	Tetrahydrofuran	72.11	590	U	590	200
71-55-6	1,1,1-Trichloroethane	133.41	44	U	44	16
110-82-7	Cyclohexane	84.16	110		28	7.2

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-78914-1

SDG No.:

Client Sample ID: SVE_INF_20250814 | Lab Sample ID: 200-78914-1

Matrix: Air | Lab File ID: 66362_024.D

Analysis Method: TO-15 | Date Collected: 08/14/2025 11:35

Sample wt/vol: 50(mL) | Date Analyzed: 08/16/2025 02:58

Soil Aliquot Vol: | Dilution Factor: 40

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 219230 | Units: ug/m3

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	50	U	50	6.0
540-84-1	2,2,4-Trimethylpentane	114.23	4100		37	13
71-43-2	Benzene	78.11	49		26	6.5
107-06-2	1,2-Dichloroethane	98.96	32	U	32	12
142-82-5	n-Heptane	100.21	240		33	14
79-01-6	Trichloroethene	131.39	43	U	43	6.2
80-62-6	Methyl methacrylate	100.12	78	J	82	21
78-87-5	1,2-Dichloropropane	112.99	37	U	37	10
123-91-1	1,4-Dioxane	88.11	720	U	720	27
75-27-4	Bromodichloromethane	163.83	54	U	54	16
10061-01-5	cis-1,3-Dichloropropene	110.97	36	U	36	10
108-10-1	methyl isobutyl ketone	100.16	140		82	31
108-88-3	Toluene	92.14	170		30	8.1
10061-02-6	trans-1,3-Dichloropropene	110.97	36	U	36	11
79-00-5	1,1,2-Trichloroethane	133.41	44	U	44	12
127-18-4	Tetrachloroethene	165.83	54	U	54	9.8
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	82	U	82	33
124-48-1	Dibromochloromethane	208.28	68	U	68	18
106-93-4	1,2-Dibromoethane	187.87	61	U	61	14
108-90-7	Chlorobenzene	112.56	37	U	37	8.7
100-41-4	Ethylbenzene	106.17	31	J	35	8.9
179601-23-1	m,p-Xylene	106.17	760		87	2.4
95-47-6	Xylene, o-	106.17	380		35	12
1330-20-7	Xylene (total)	106.17	1200		120	2.4
100-42-5	Styrene	104.15	34	U	34	9.5
75-25-2	Bromoform	252.75	83	U	83	24
98-82-8	Cumene	120.19	39	U	39	14
79-34-5	1,1,2,2-Tetrachloroethane	167.85	55	U	55	17
622-96-8	4-Ethyltoluene	120.20	64		39	13
108-67-8	1,3,5-Trimethylbenzene	120.20	210		39	13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SVE_INF_20250814 Lab Sample ID: 200-78914-1

Matrix: Air Lab File ID: 66362_024.D

Analysis Method: TO-15 Date Collected: 08/14/2025 11:35

Sample wt/vol: 50(mL) Date Analyzed: 08/16/2025 02:58

Soil Aliquot Vol: Dilution Factor: 40

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: ____ % Solids: ____ Level: (low/med) Low

Analysis Batch No.: 219230 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-49-8	2-Chlorotoluene	126.59	41	U	41	12
95-63-6	1,2,4-Trimethylbenzene	120.20	66		39	16
99-87-6	4-Isopropyltoluene	134.22	44	U	44	17
541-73-1	1,3-Dichlorobenzene	147.00	48	U	48	15
106-46-7	1,4-Dichlorobenzene	147.00	48	U	48	17
100-44-7	Benzyl chloride	126.58	41	U	41	15
95-50-1	1,2-Dichlorobenzene	147.00	48	U	48	16
120-82-1	1,2,4-Trichlorobenzene	181.45	150	U	150	89
87-68-3	Hexachlorobutadiene	260.76	85	U	85	33
91-20-3	Naphthalene	128.17	100	U	100	23

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D
Lims ID: 200-78914-A-1
Client ID: SVE_INF_20250813
Sample Type: Client
Inject. Date: 16-Aug-2025 02:58:41 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 40.0000
Sample Info: 200-0066362-024
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Aug-2025 09:56:28 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1609

First Level Reviewer: F7XK Date: 18-Aug-2025 09:56:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.455	4.460	-0.005	1	3153	0.0328	
3 Chlorodifluoromethane	51		4.498				ND	MU
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.819				ND	
5 Chloromethane	50		4.931				ND	MU
6 Vinyl chloride	62		5.225				ND	
7 Butane	43	5.236	5.236	0.006	98	25378	0.7384	
8 Butadiene	54		5.337				ND	7
9 Bromomethane	94		6.054				ND	
10 Chloroethane	64		6.322				ND	
13 Vinyl bromide	106		6.739				ND	
14 Trichlorofluoromethane	101	6.905	6.905	0.000	1	1197	0.0107	7M
20 1,1-Dichloroethene	96		7.954				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.002				ND	
22 Acetone	43	8.023	8.001	0.021	98	117877	2.79	
23 Isopropyl alcohol	45	8.307	8.285	0.022	99	20357	0.5050	
24 Carbon disulfide	76	8.360	8.360	0.000	100	95458	0.99	
26 3-Chloro-1-propene	41		8.633				ND	
27 Methylene Chloride	49	8.863	8.852	0.005	90	3378	0.0981	
28 2-Methyl-2-propanol	59	9.066	9.044	0.021	97	10539	0.1811	
30 trans-1,2-Dichloroethene	61	9.366	9.360	0.005	93	7931	0.1579	
31 Methyl tert-butyl ether	73	9.376	9.371	0.005	33	1272	0.0125	
32 Hexane	57	9.890	9.884	0.005	90	39613	0.8585	
33 1,1-Dichloroethane	63		10.115				ND	
S 35 1,2-Dichloroethene, Total	61				0		0.1579	
36 2-Butanone (MEK)	72	11.083	11.094	0.021	97	3843	0.2174	
37 cis-1,2-Dichloroethene	96		11.105				ND	7
* 39 Chlorobromomethane	128	11.511	11.506	0.005	80	404516	10.0	
40 Tetrahydrofuran	42	11.570	11.554	0.016	84	9195	0.2824	
41 Chloroform	83	11.682	11.682	0.000	82	6313	0.0753	
42 1,1,1-Trichloroethane	97		12.003				ND	
43 Cyclohexane	84	12.158	12.158	0.000	88	42199	0.8176	
44 Carbon tetrachloride	117		12.287				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	12.624	12.629	0.000	95	44666	0.3810	
46 1,2-Dichloroethane	62		12.677				ND	
47 Isooctane	57	12.859	12.859	0.000	98	3480374	22.0	
48 n-Heptane	43	13.164	13.164	0.000	89	85453	1.48	
* 49 1,4-Difluorobenzene	114	13.346	13.346	0.000	94	2065152	10.0	
51 Trichloroethene	95	13.795	13.795	0.010	28	1210	0.0195	M
53 1,2-Dichloropropane	63	14.239	14.239	0.010	24	1573	0.0379	M
54 Methyl methacrylate	69	14.304	14.304	-0.010	76	18060	0.4753	M
55 1,4-Dioxane	88		14.352				ND	
58 Dichlorobromomethane	83		14.689				ND	MU
59 cis-1,3-Dichloropropene	75		15.491				ND	
61 4-Methyl-2-pentanone (MIBK)	43	15.753	15.753	0.010	96	61574	0.8497	M
62 Toluene	92	16.144	16.144	0.000	94	99572	1.11	
66 trans-1,3-Dichloropropene	75		16.540				ND	7
67 1,1,2-Trichloroethane	83		16.909				ND	MU
68 Tetrachloroethene	166	17.144	17.139	0.005	42	2730	0.0310	
69 2-Hexanone	43		17.316				ND	MU
70 Chlorodibromomethane	129		17.647				ND	7
71 Ethylene Dibromide	107		17.888				ND	MU
* 73 Chlorobenzene-d5	117	18.808	18.808	0.000	87	1927928	10.0	
74 Chlorobenzene	112		18.867				ND	MU
75 Ethylbenzene	91	19.065	19.064	0.000	58	35688	0.1764	
76 m-Xylene & p-Xylene	106	19.316	19.321	-0.006	0	353040	4.39	
78 o-Xylene	106	20.097	20.097	-0.001	99	170253	2.18	
S 80 Xylenes, Total	106				0		6.57	
79 Styrene	104		20.130				ND	MU
81 Bromoform	173		20.456				ND	
82 Isopropylbenzene	105	20.793	20.793	0.000	92	8006	0.0339	M
83 1,1,2,2-Tetrachloroethane	83		21.285				ND	MU
86 2-Chlorotoluene	91		21.649				ND	MU
87 4-Ethyltoluene	105	21.708	21.702	0.006	99	74638	0.3232	
88 1,3,5-Trimethylbenzene	105	21.799	21.798	0.000	92	206125	1.05	
92 1,2,4-Trimethylbenzene	105	22.366	22.365	0.000	97	66848	0.3339	
94 1,3-Dichlorobenzene	146		22.772				ND	7
95 4-Isopropyltoluene	119	22.820	22.820	-0.001	92	8238	0.0323	
96 1,4-Dichlorobenzene	146		22.912				ND	7
97 Benzyl chloride	91		23.051				ND	MU
99 1,2-Dichlorobenzene	146		23.398				ND	7
102 1,2,4-Trichlorobenzene	180		25.832				ND	7
103 Hexachlorobutadiene	225		26.084				ND	
104 Naphthalene	128	26.303	26.303	0.000	99	12724	0.0574	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

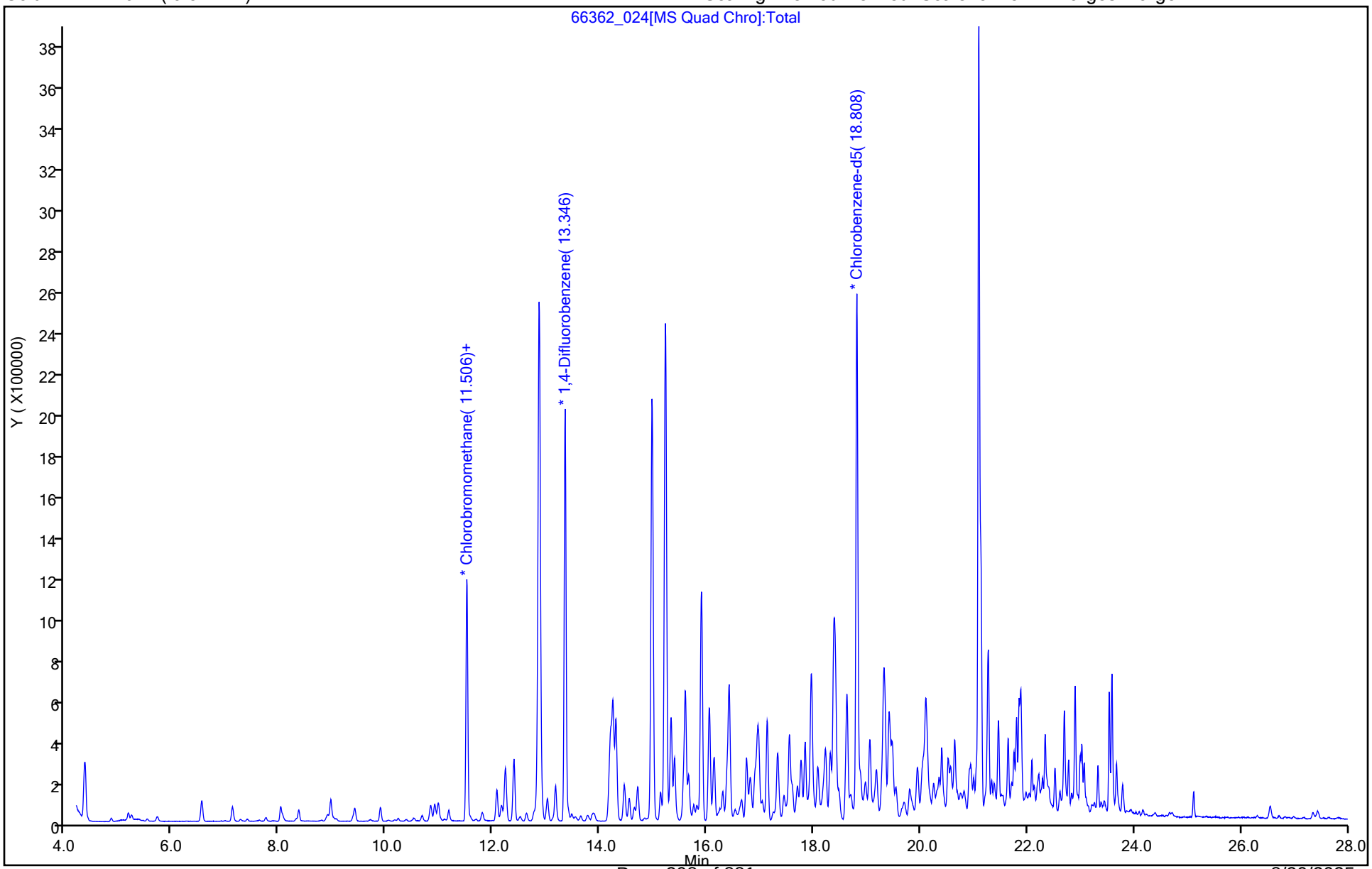
ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 18-Aug-2025 09:56:28 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1	Worklist Smp#:	24
Client ID:	SVE_INF_20250813				
Purge Vol:	200.000 mL	Dil. Factor:	40.0000	ALS Bottle#:	23
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

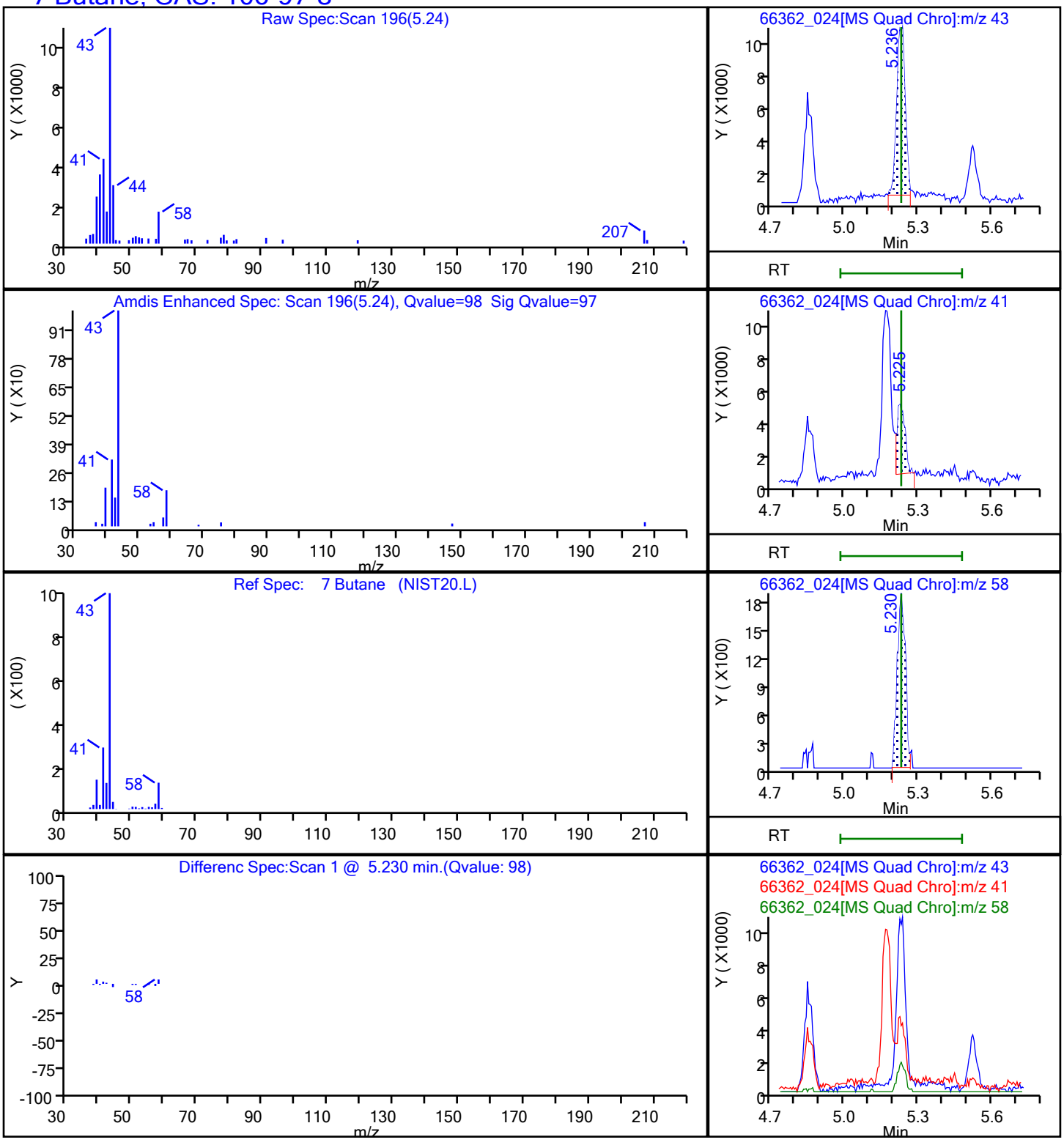
Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D		
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1
Client ID:	SVE_INF_20250813		
Operator ID:	wrd	ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

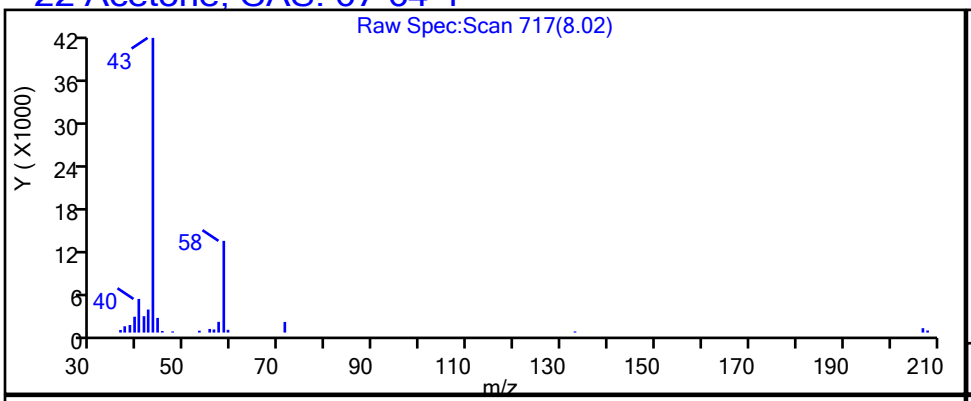
7 Butane, CAS: 106-97-8

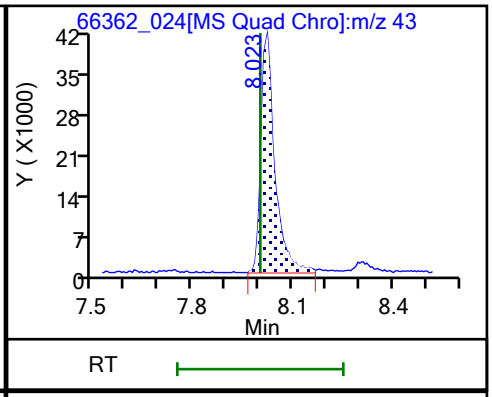


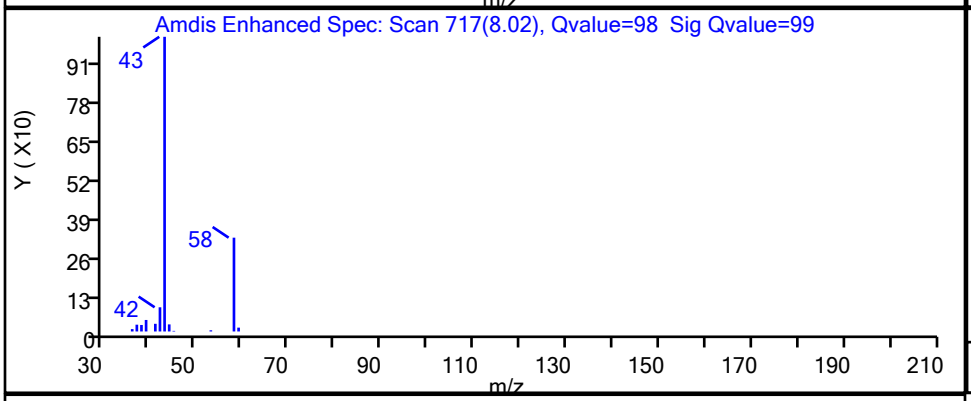
Eurofins Burlington

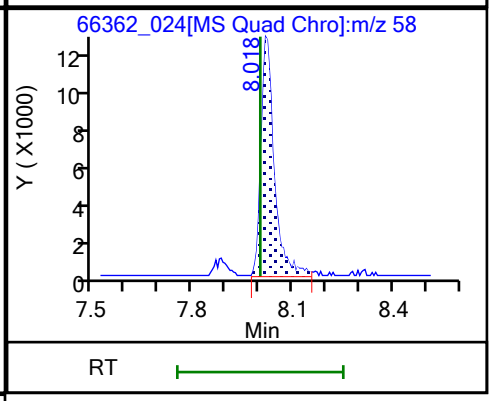
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

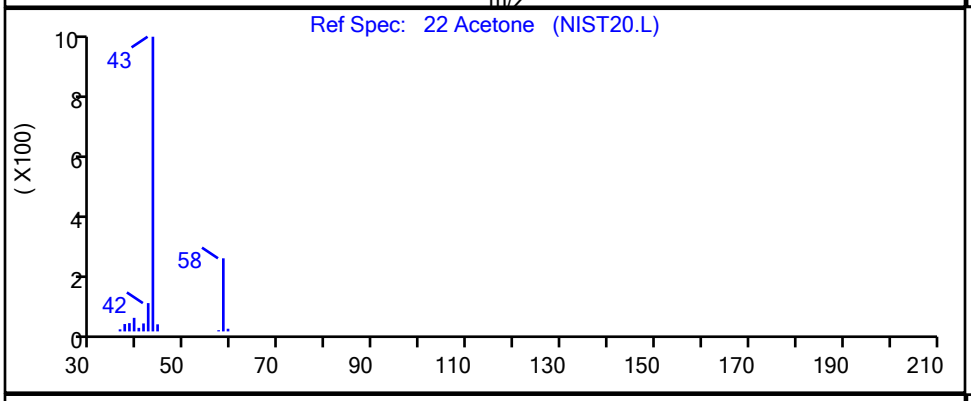
22 Acetone, CAS: 67-64-1

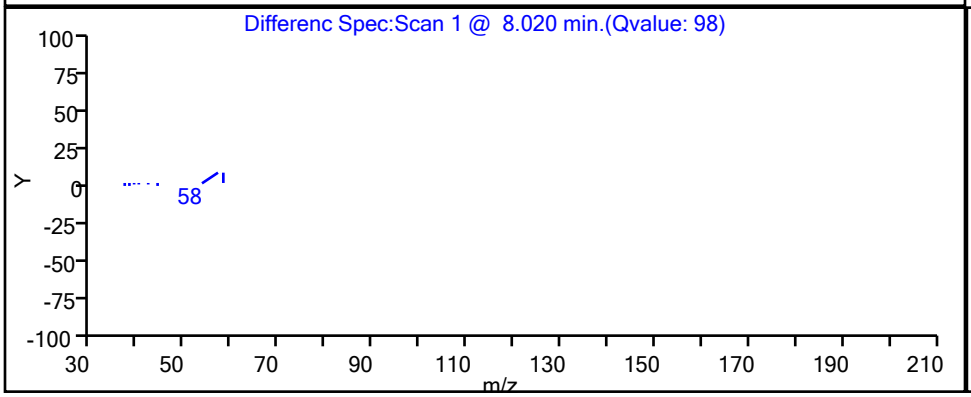


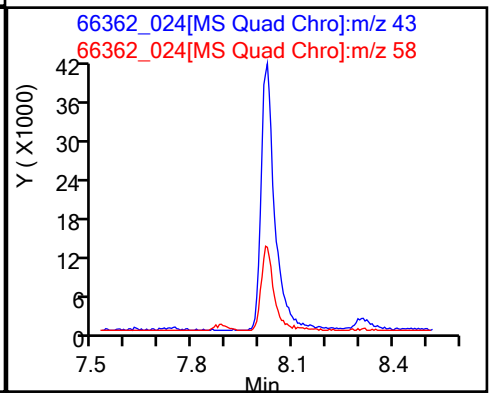








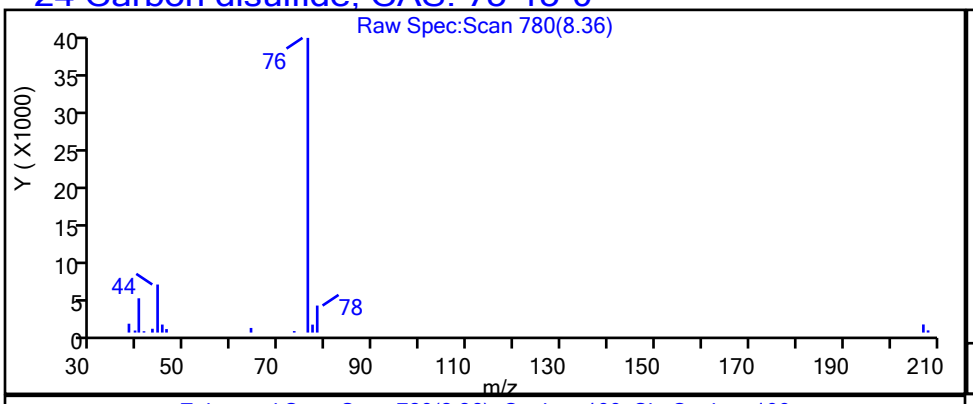


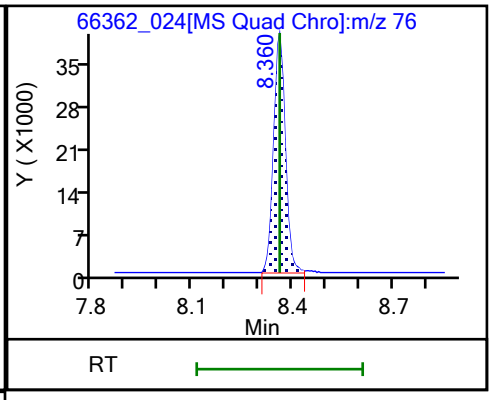


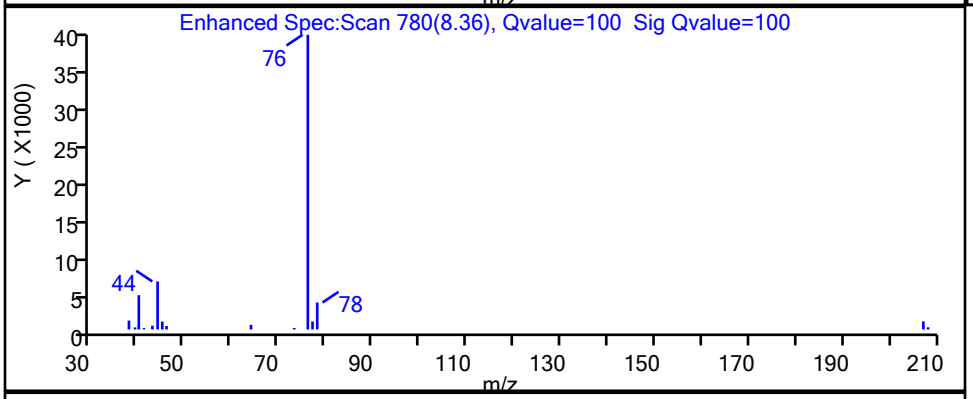
Eurofins Burlington

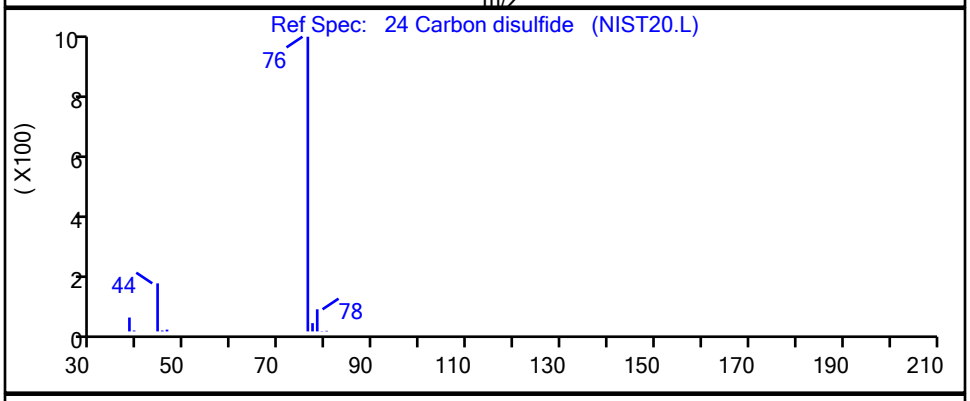
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

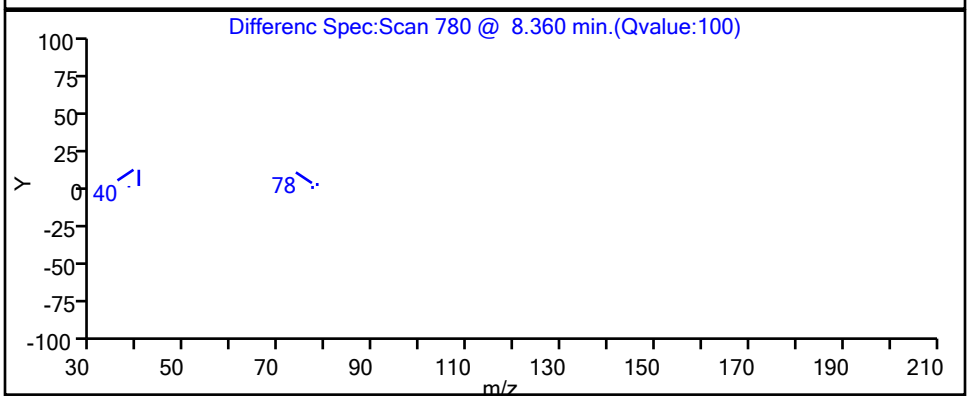
24 Carbon disulfide, CAS: 75-15-0









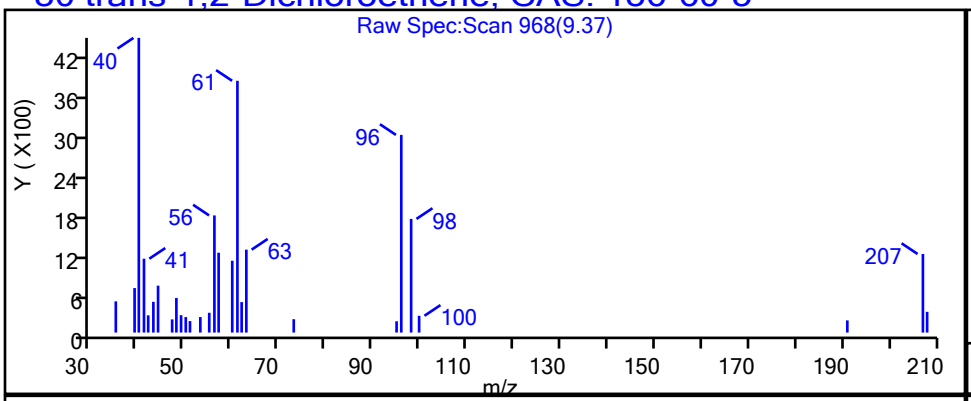


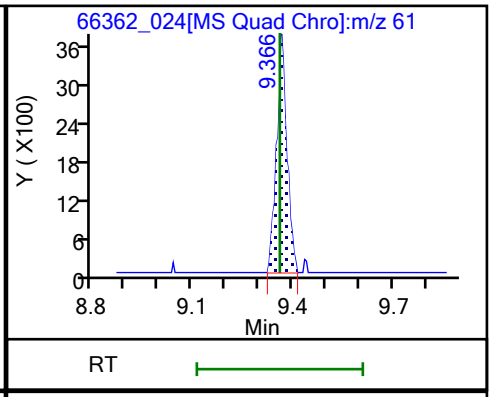
Report Date: 18-Aug-2025 09:56:28 Chrom Revision: 2.3 13-Aug-2025 14:00:00

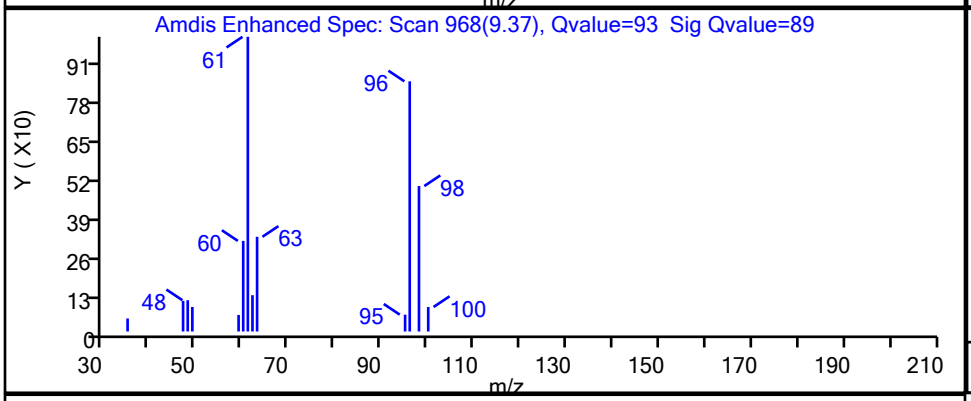
Eurofins Burlington

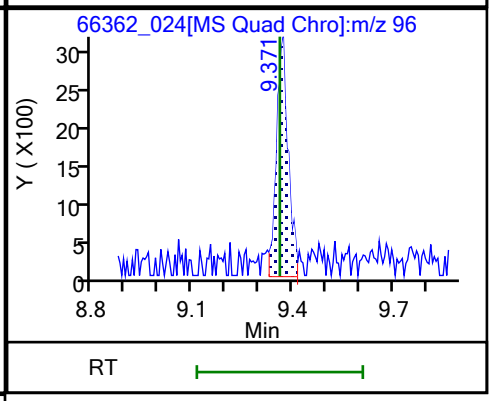
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

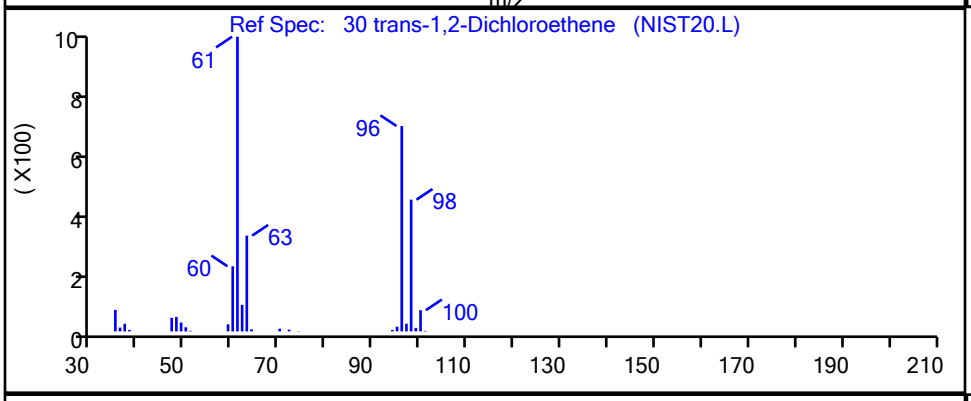
30 trans-1,2-Dichloroethene, CAS: 156-60-5

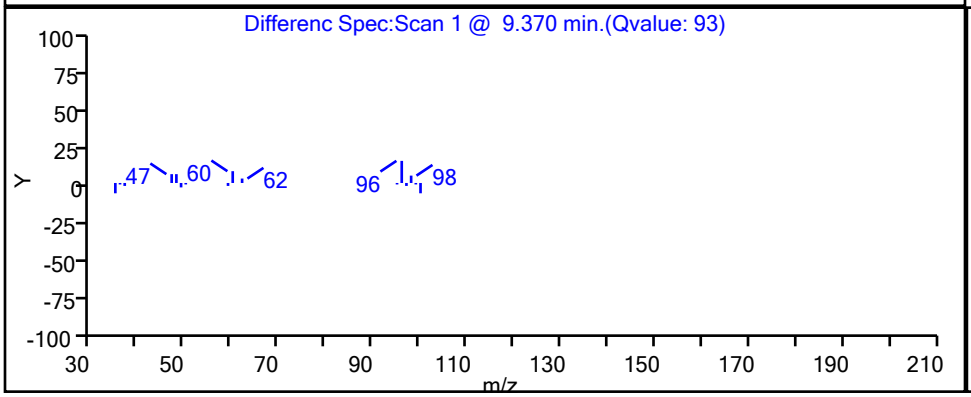


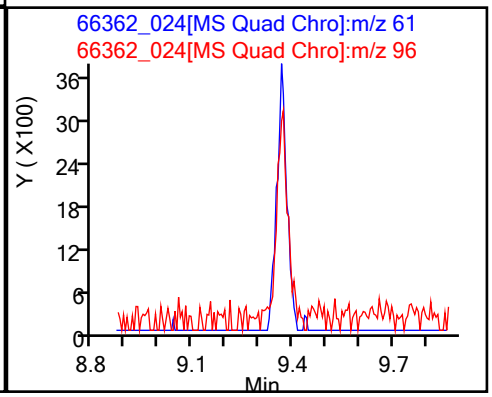










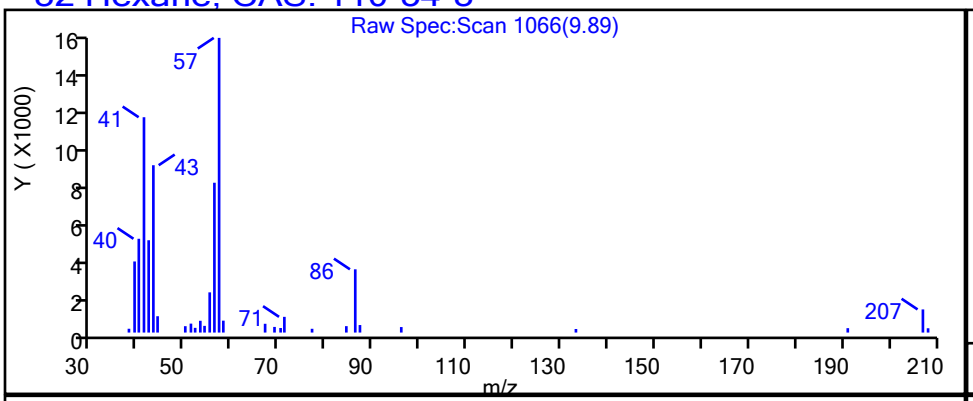


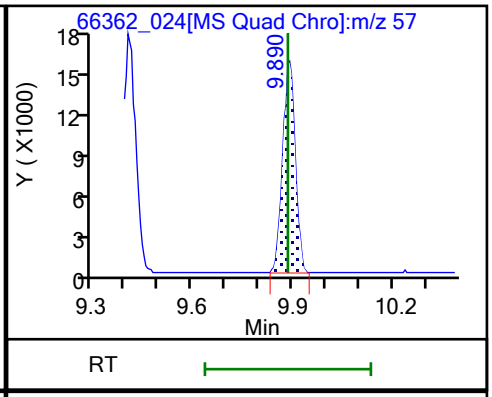
Report Date: 18-Aug-2025 09:56:28 Chrom Revision: 2.3 13-Aug-2025 14:00:00

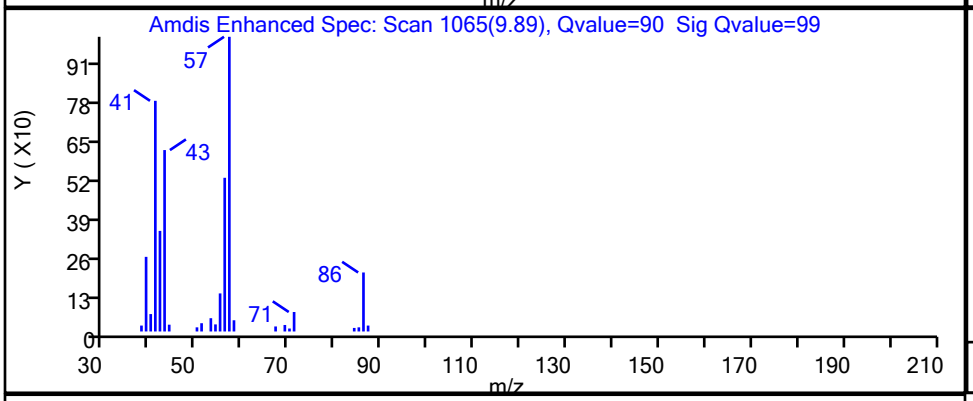
Eurofins Burlington

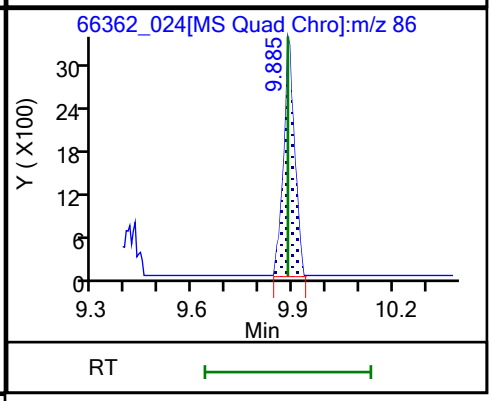
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

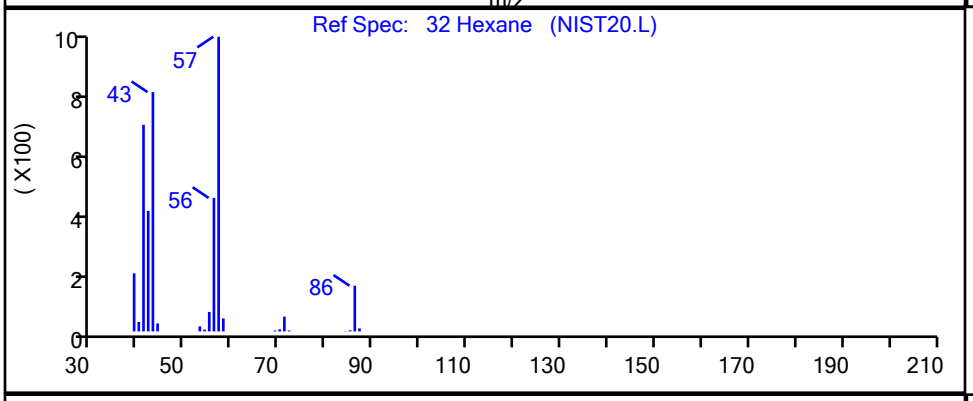
32 Hexane, CAS: 110-54-3

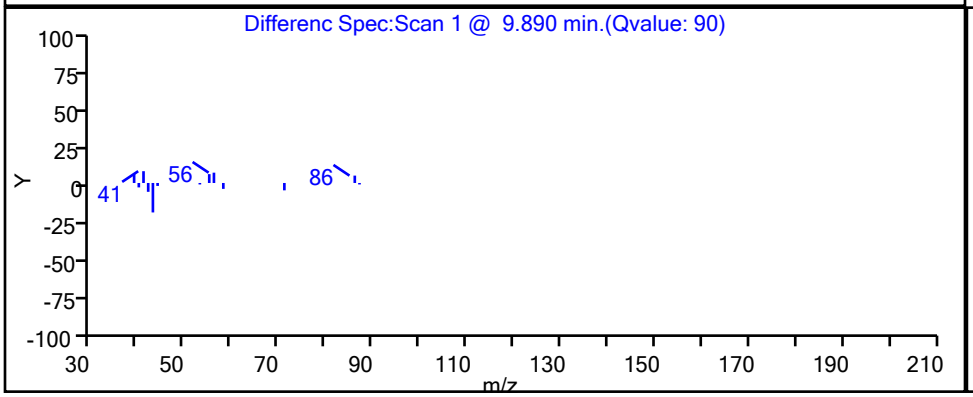


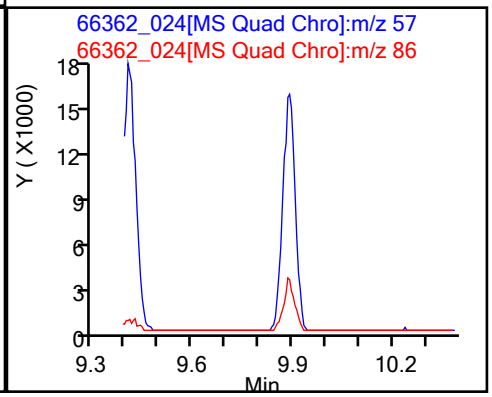












Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
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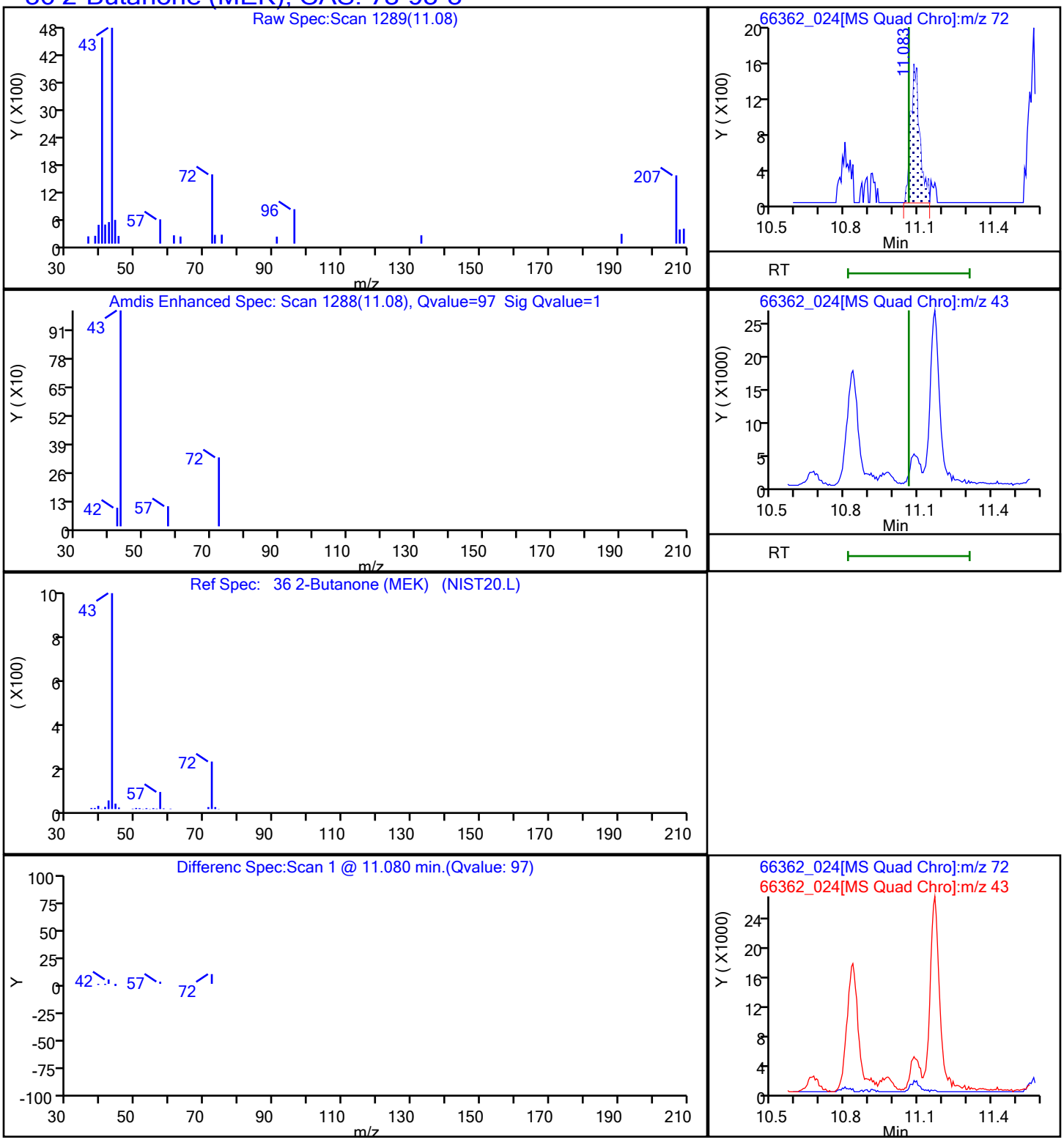
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

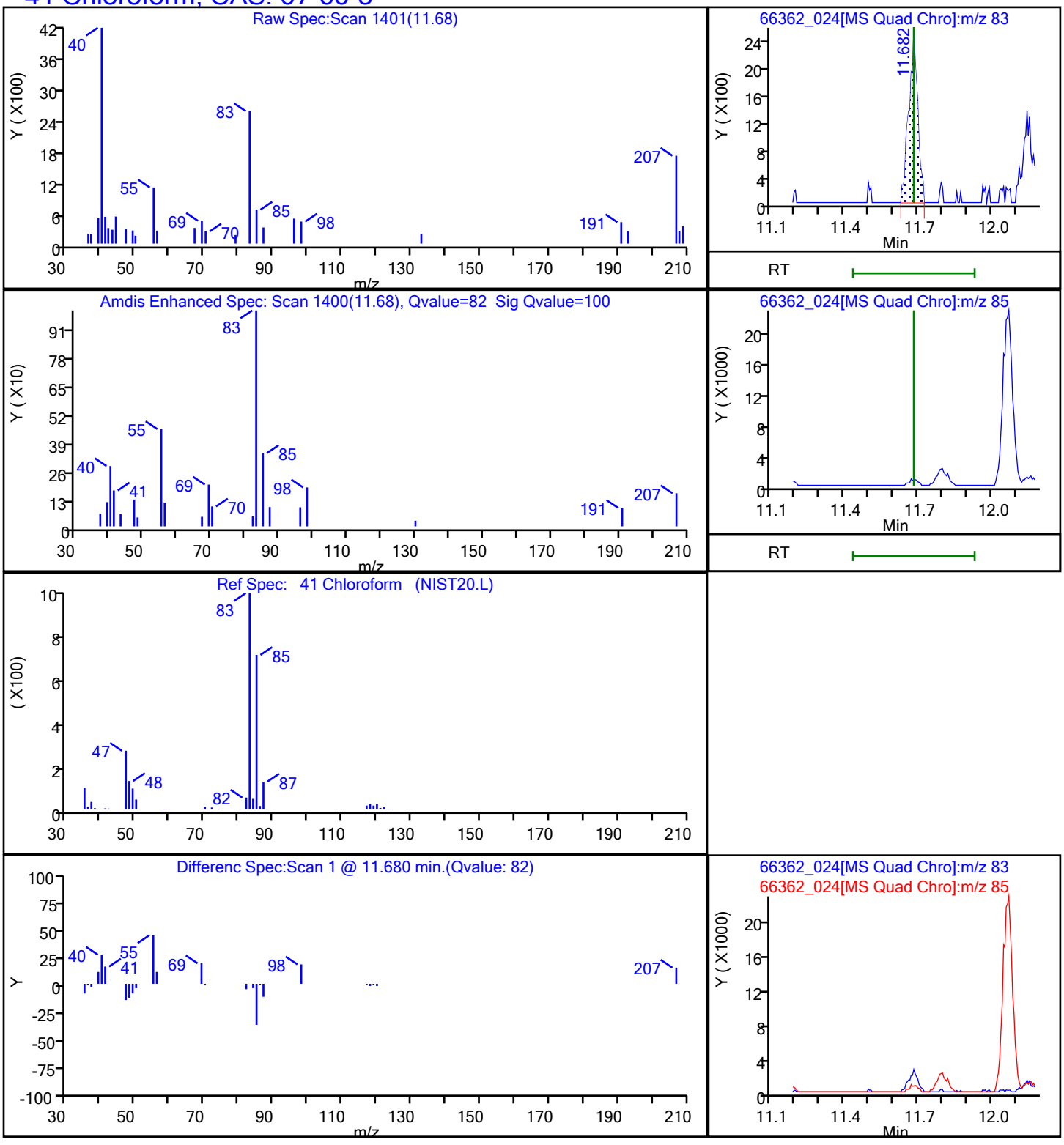
36 2-Butanone (MEK), CAS: 78-93-3



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D
Injection Date: 16-Aug-2025 02:58:41 Instrument ID: CHAN.i
Lims ID: 200-78914-A-1 Lab Sample ID: 200-78914-1
Client ID: SVE_INF_20250813
Operator ID: wrd ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 40.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

41 Chloroform, CAS: 67-66-3



Report Date: 18-Aug-2025 09:56:29 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

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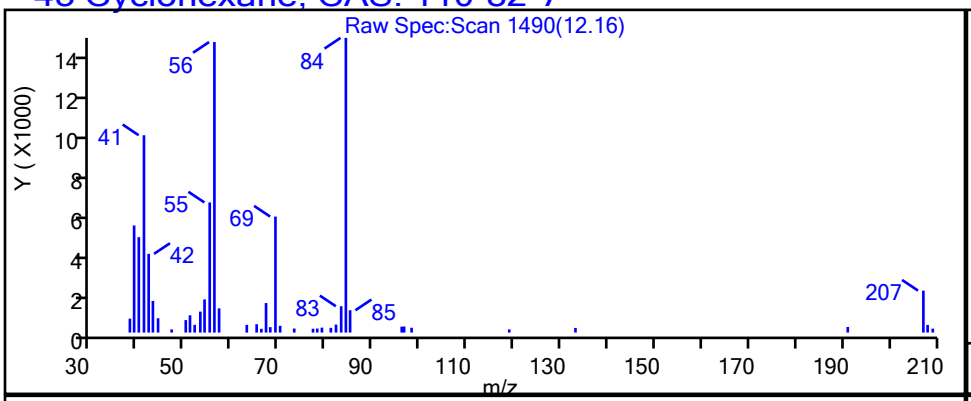
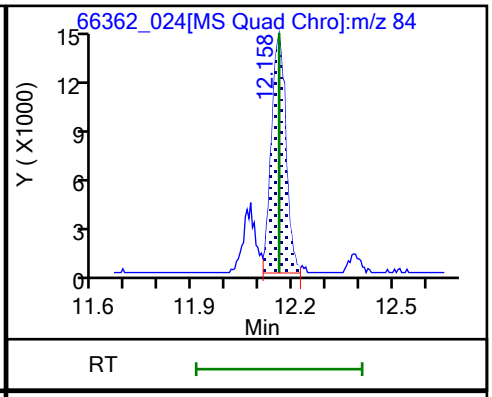
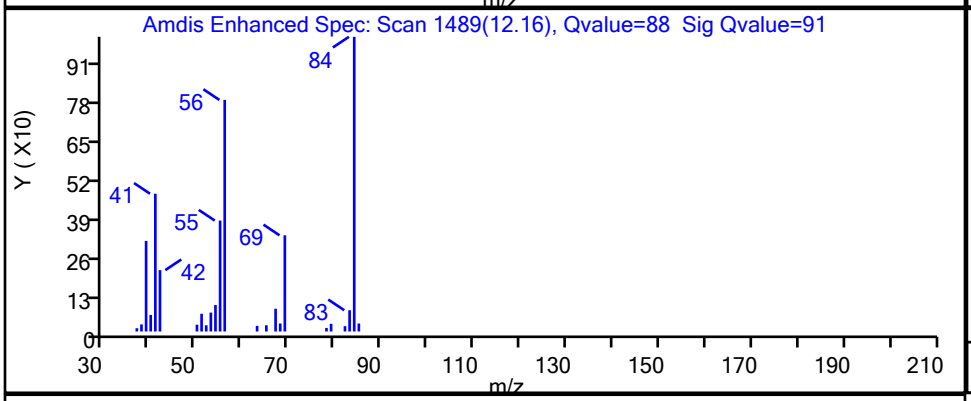
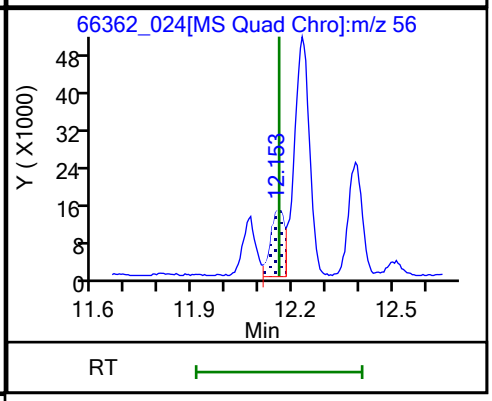
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

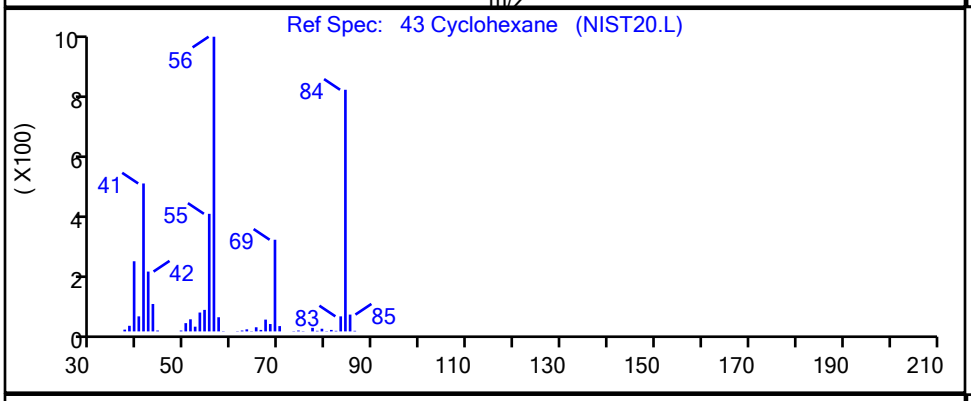
43 Cyclohexane, CAS: 110-82-7

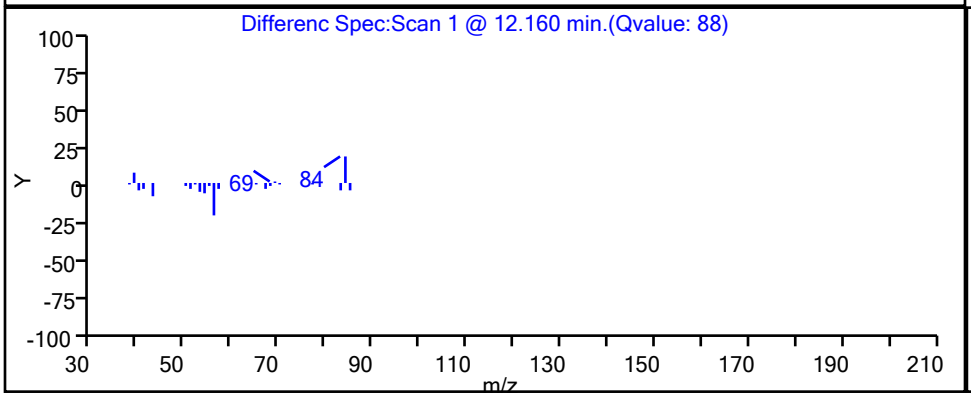


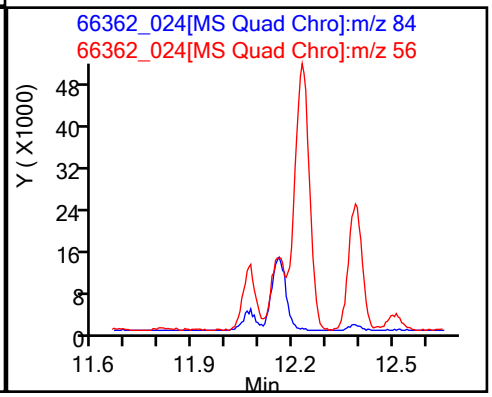








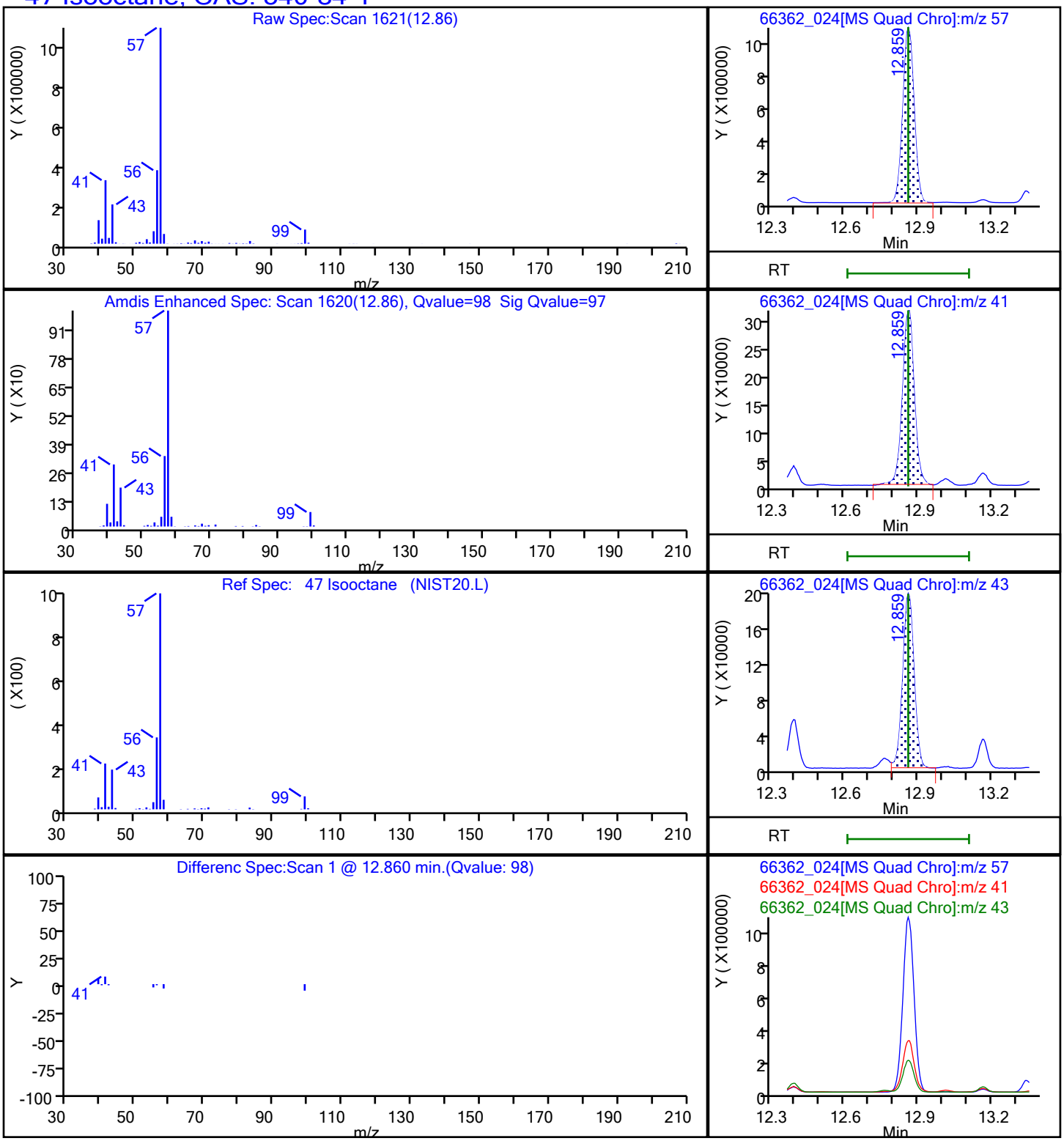




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D		
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1
Client ID:	SVE_INF_20250813		
Operator ID:	wrd	ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

47 Isooctane, CAS: 540-84-1



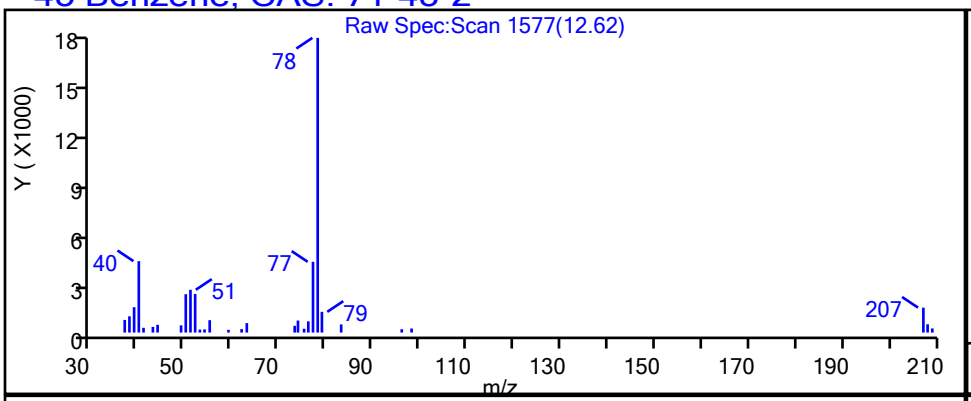
Report Date: 18-Aug-2025 09:56:29 Chrom Revision: 2.3 13-Aug-2025 14:00:00

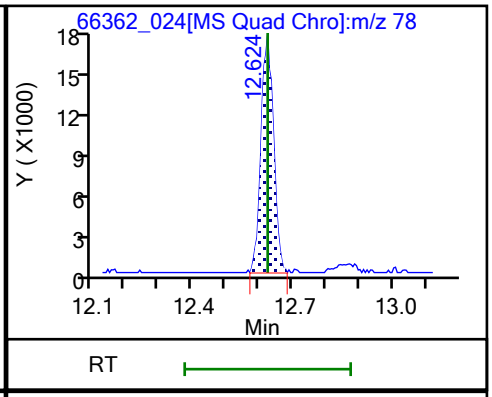
Eurofins Burlington

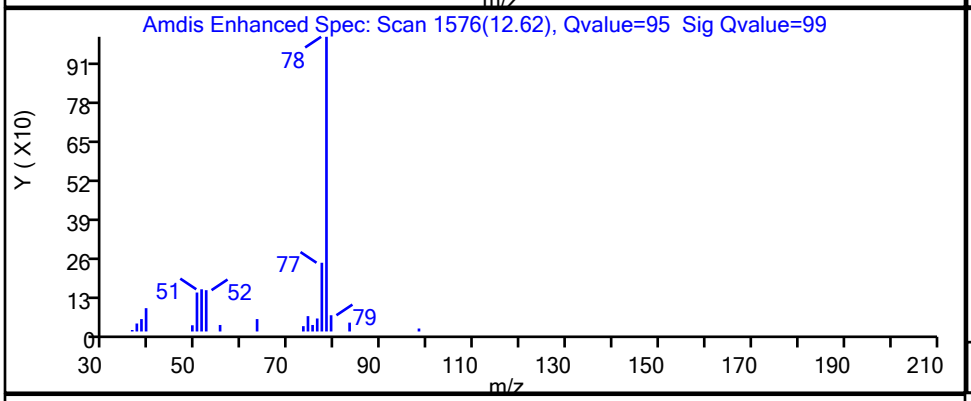
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D

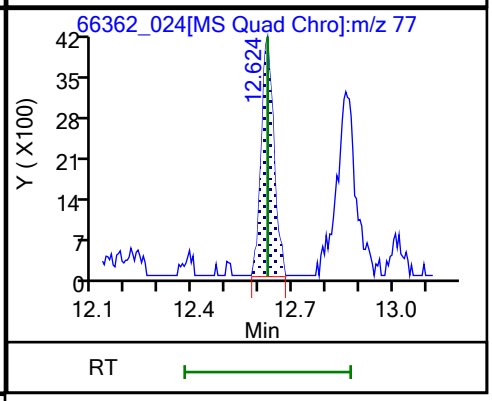
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

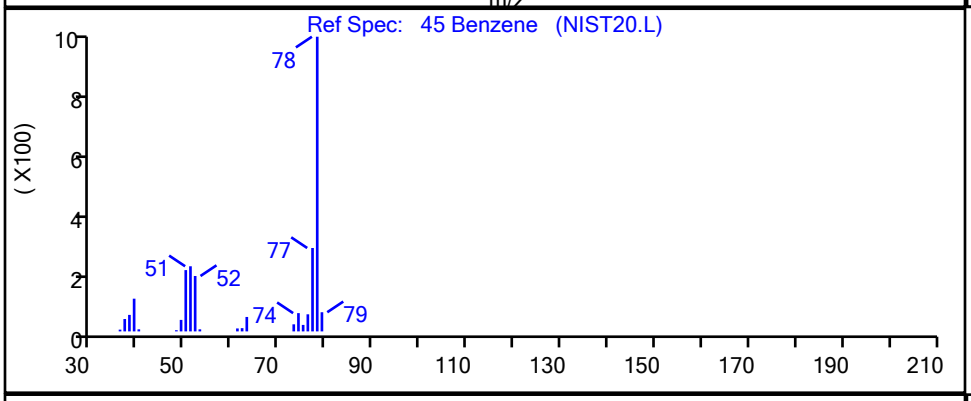
45 Benzene, CAS: 71-43-2

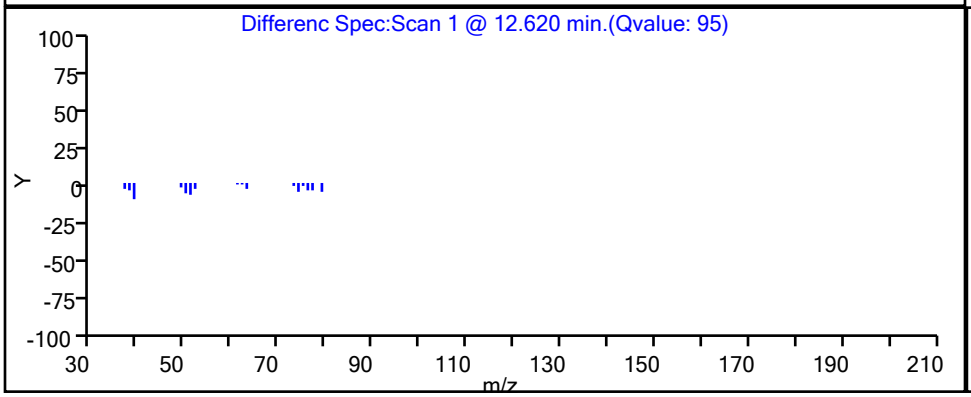


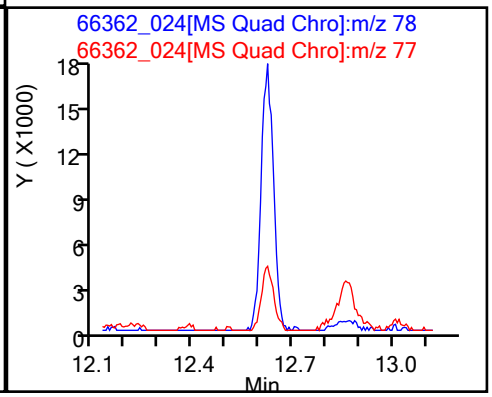








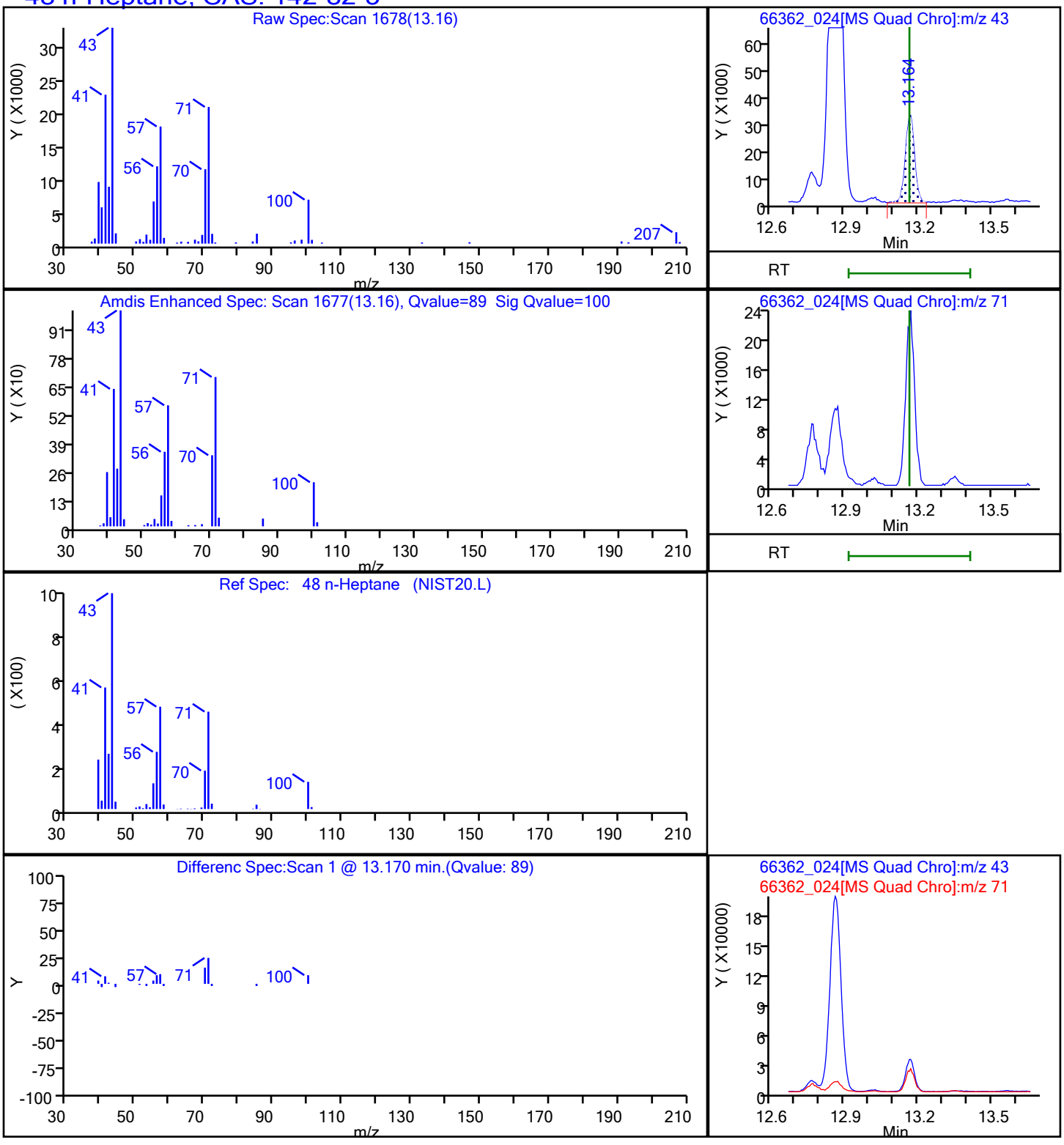




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 n-Heptane, CAS: 142-82-5



Report Date: 18-Aug-2025 09:56:29 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D

Injection Date: 16-Aug-2025 02:58:41 Instrument ID: CHAN.i

Lims ID: 200-78914-A-1 Lab Sample ID: 200-78914-1

Client ID: SVE_INF_20250813

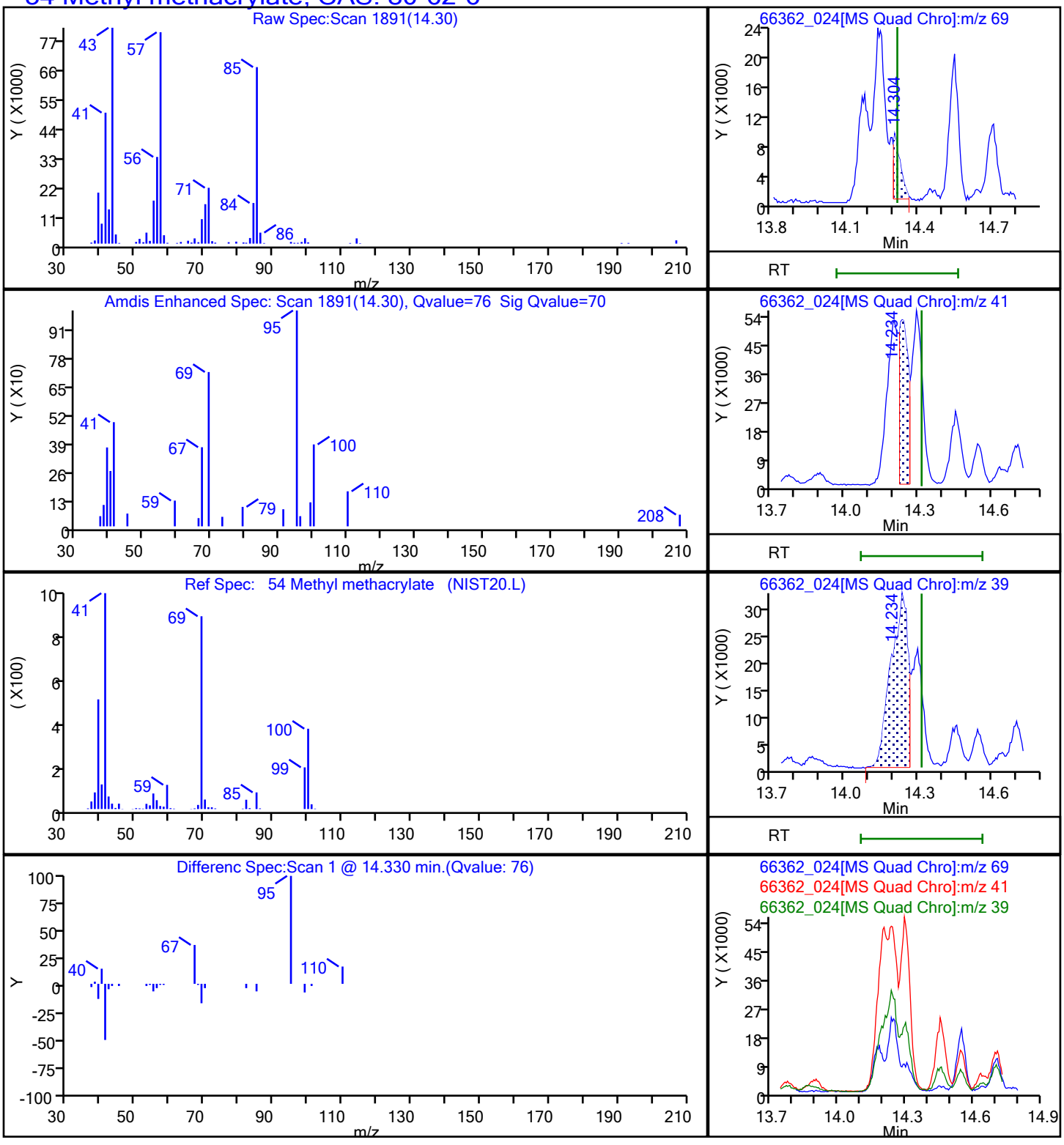
Operator ID: wrd ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 200.000 mL Dil. Factor: 40.0000

Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

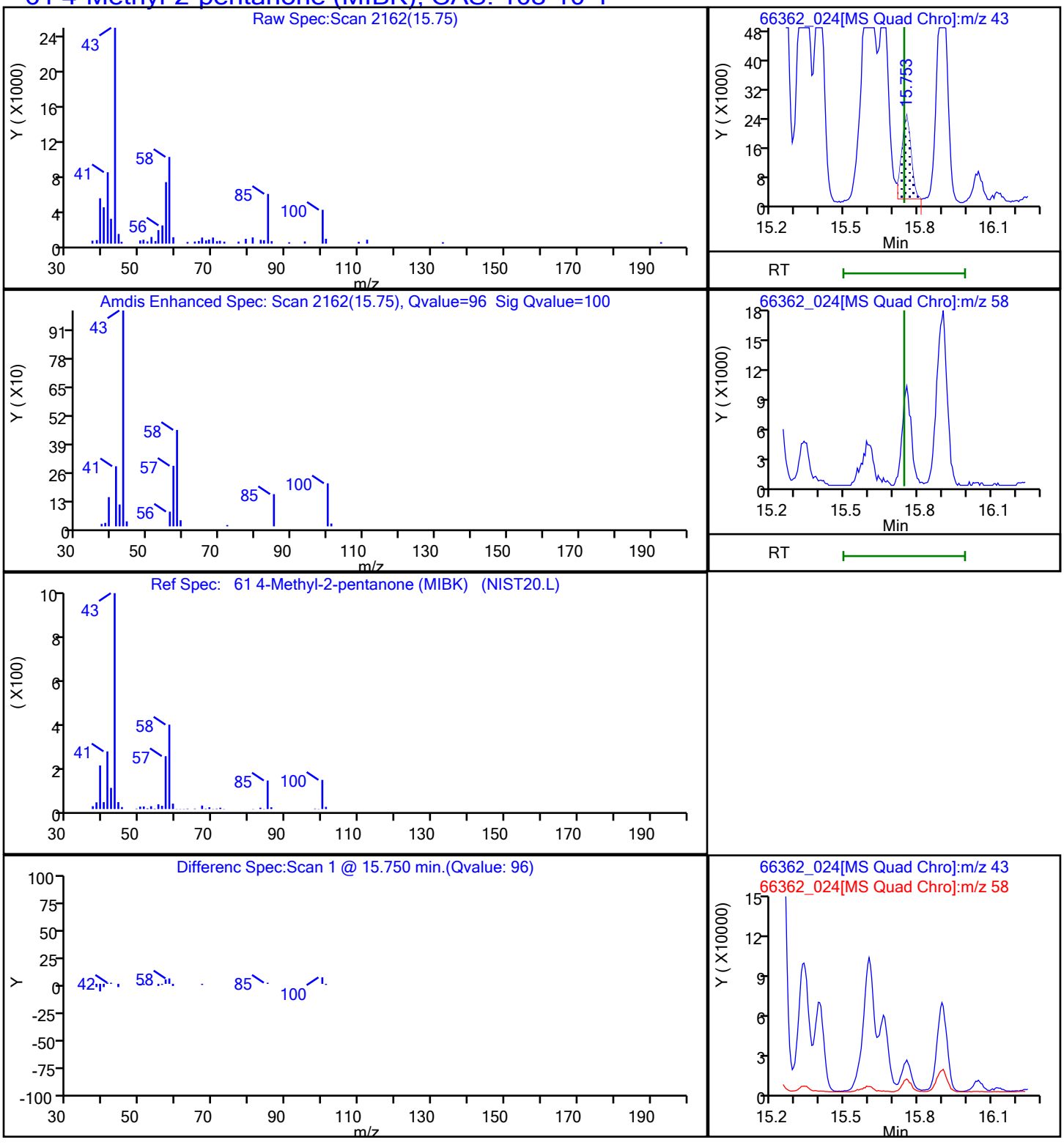
54 Methyl methacrylate, CAS: 80-62-6



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D
Injection Date: 16-Aug-2025 02:58:41 Instrument ID: CHAN.i
Lims ID: 200-78914-A-1 Lab Sample ID: 200-78914-1
Client ID: SVE_INF_20250813
Operator ID: wrd ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 40.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



Eurofins Burlington

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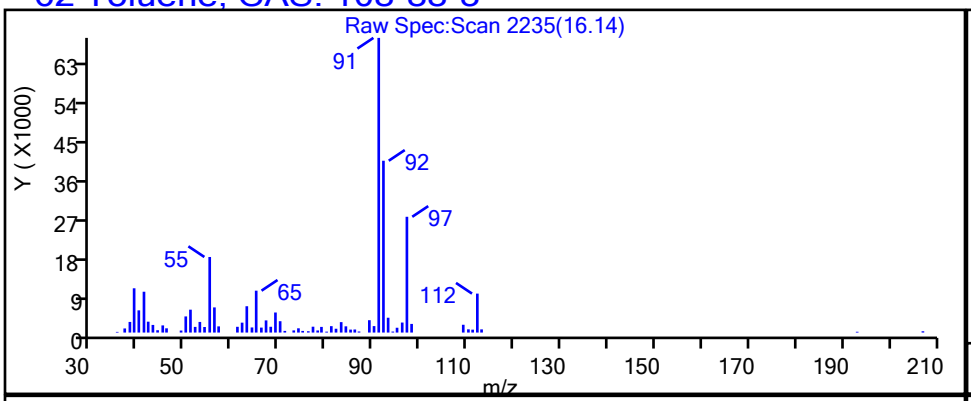
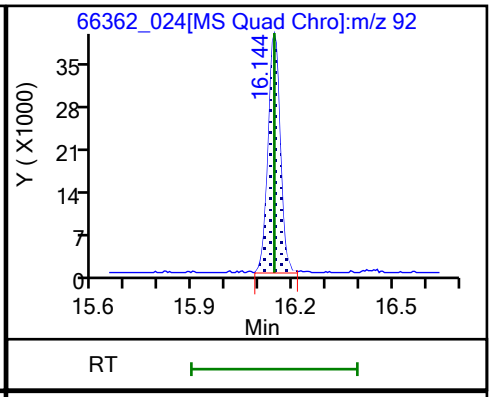
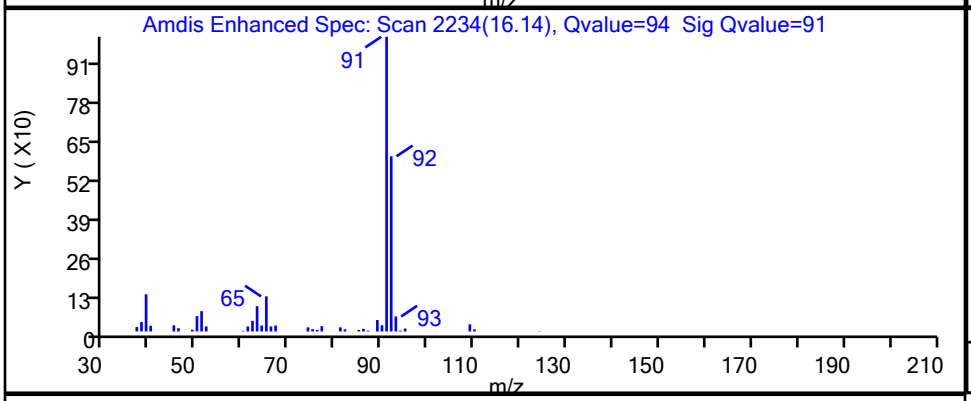
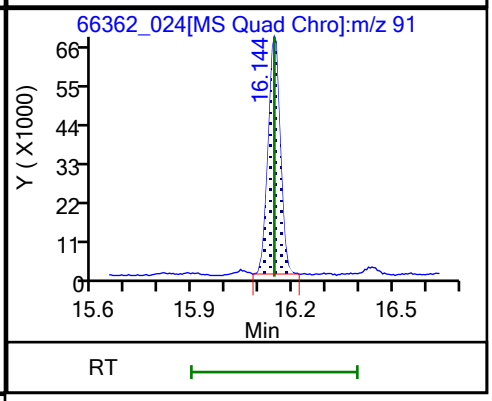
Injection Date: 16-Aug-2025 02:58:41 Instrument ID: CHAN.i
Lims ID: 200-78914-A-1 Lab Sample ID: 200-78914-1
Client ID: SVE_INF_20250813
Operator ID: wrd ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 40.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

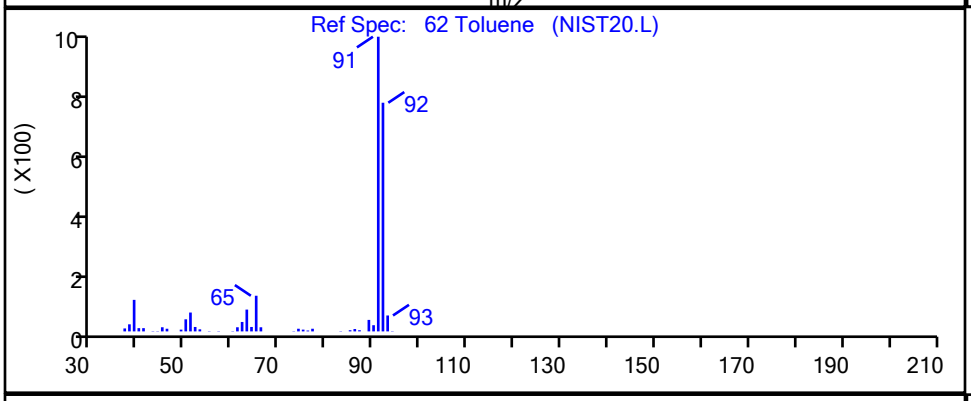
62 Toluene, CAS: 108-88-3

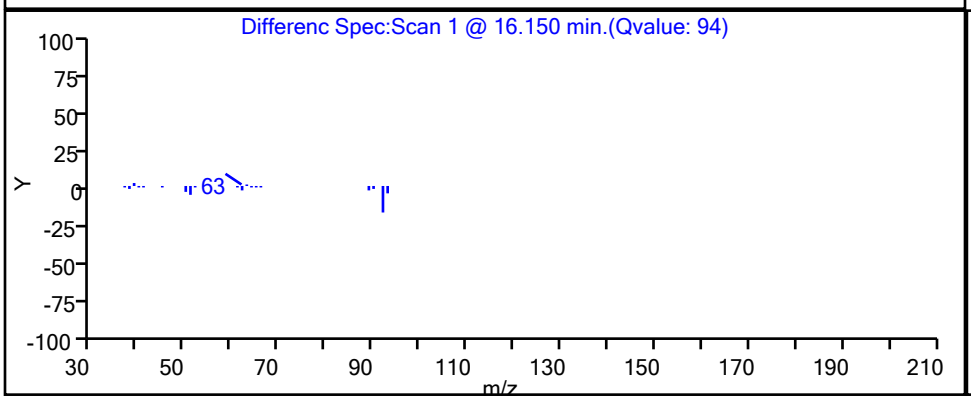


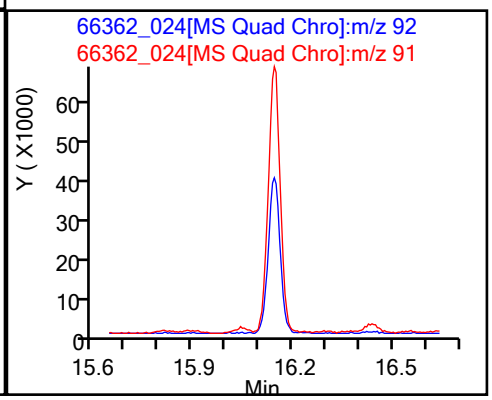












Eurofins Burlington

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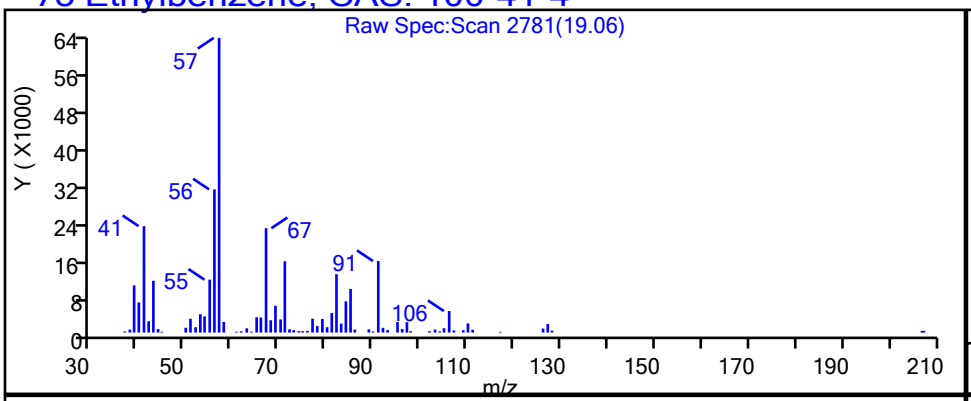
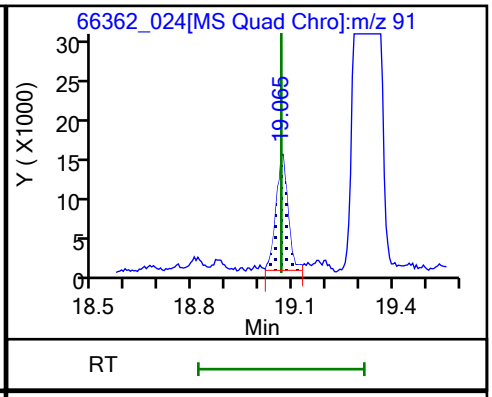
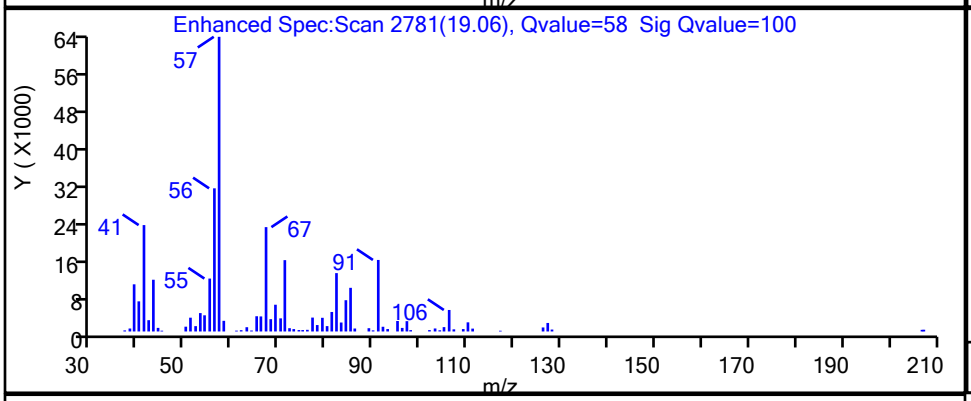
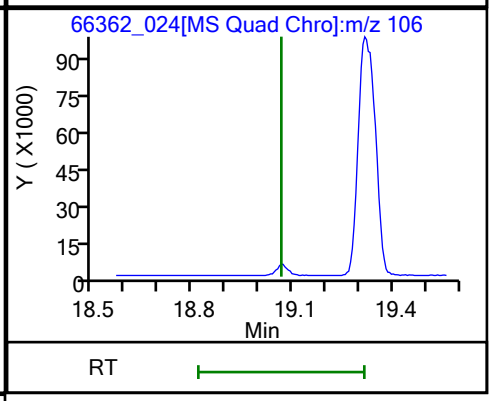
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

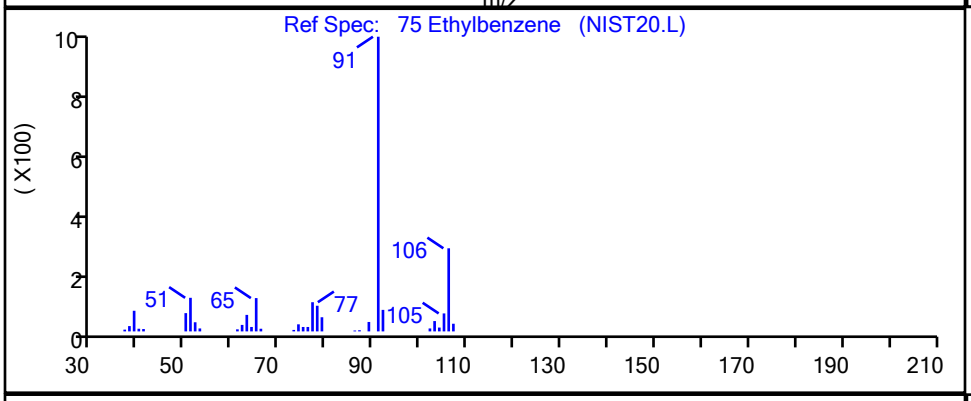
75 Ethylbenzene, CAS: 100-41-4

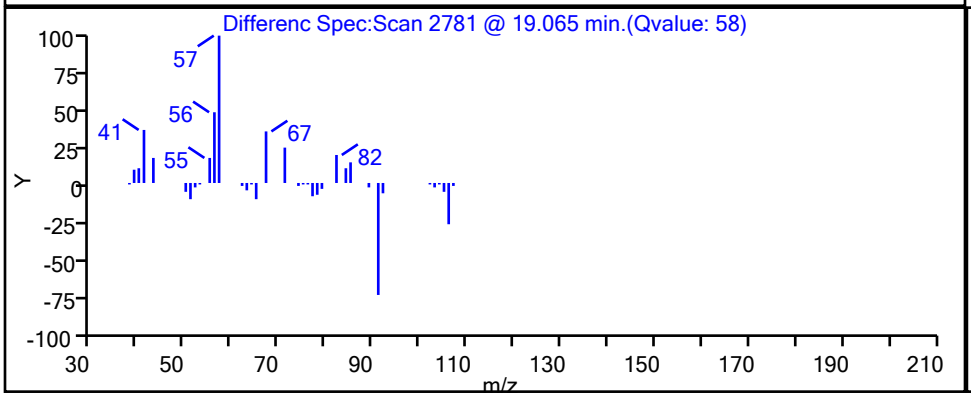


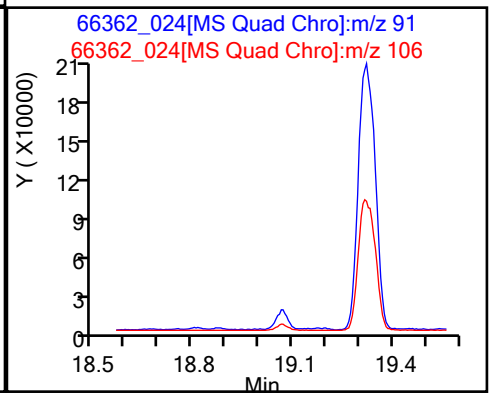












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Eurofins Burlington

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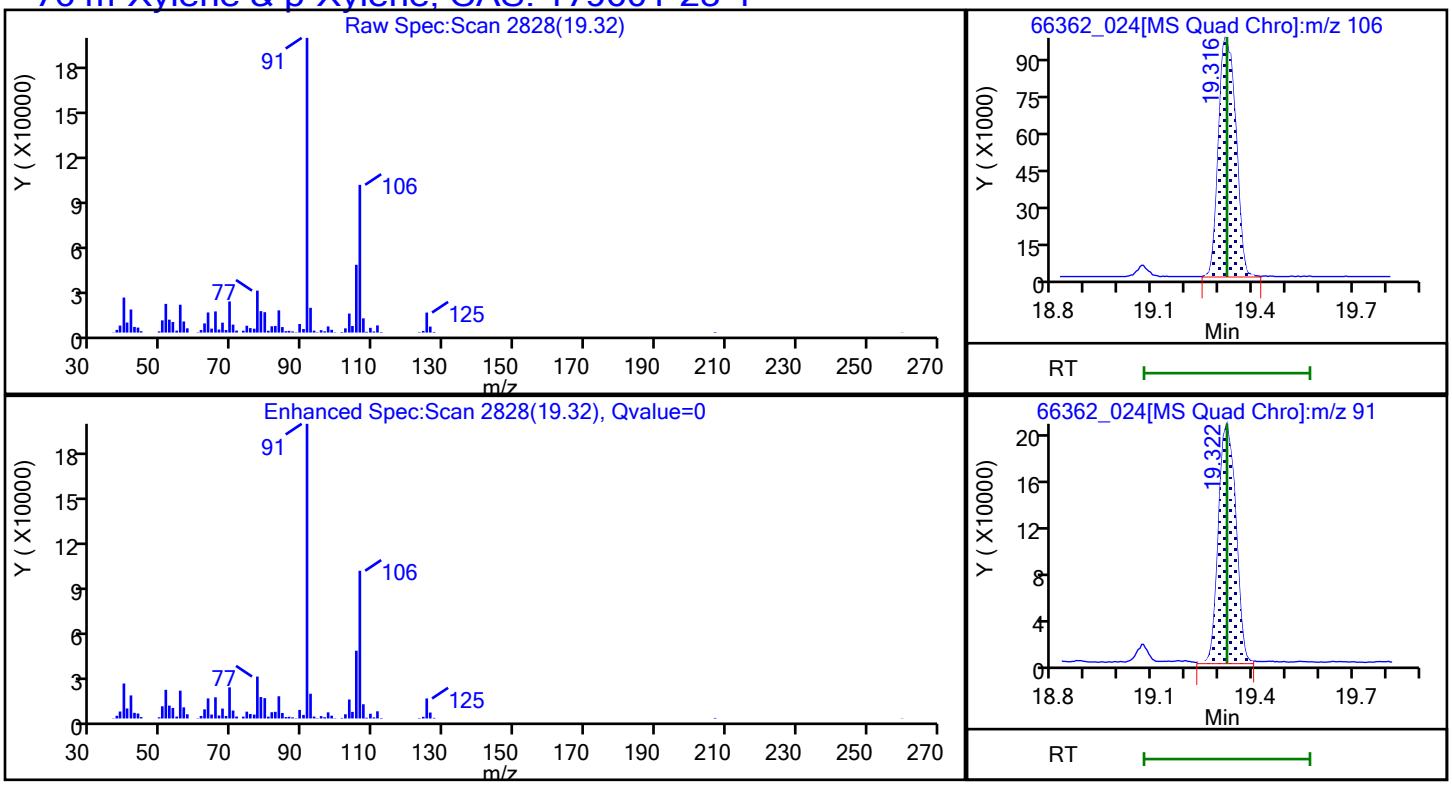
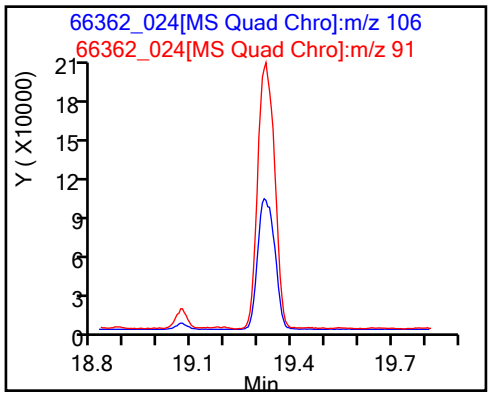
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 m-Xylene & p-Xylene, CAS: 179601-23-1





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Eurofins Burlington

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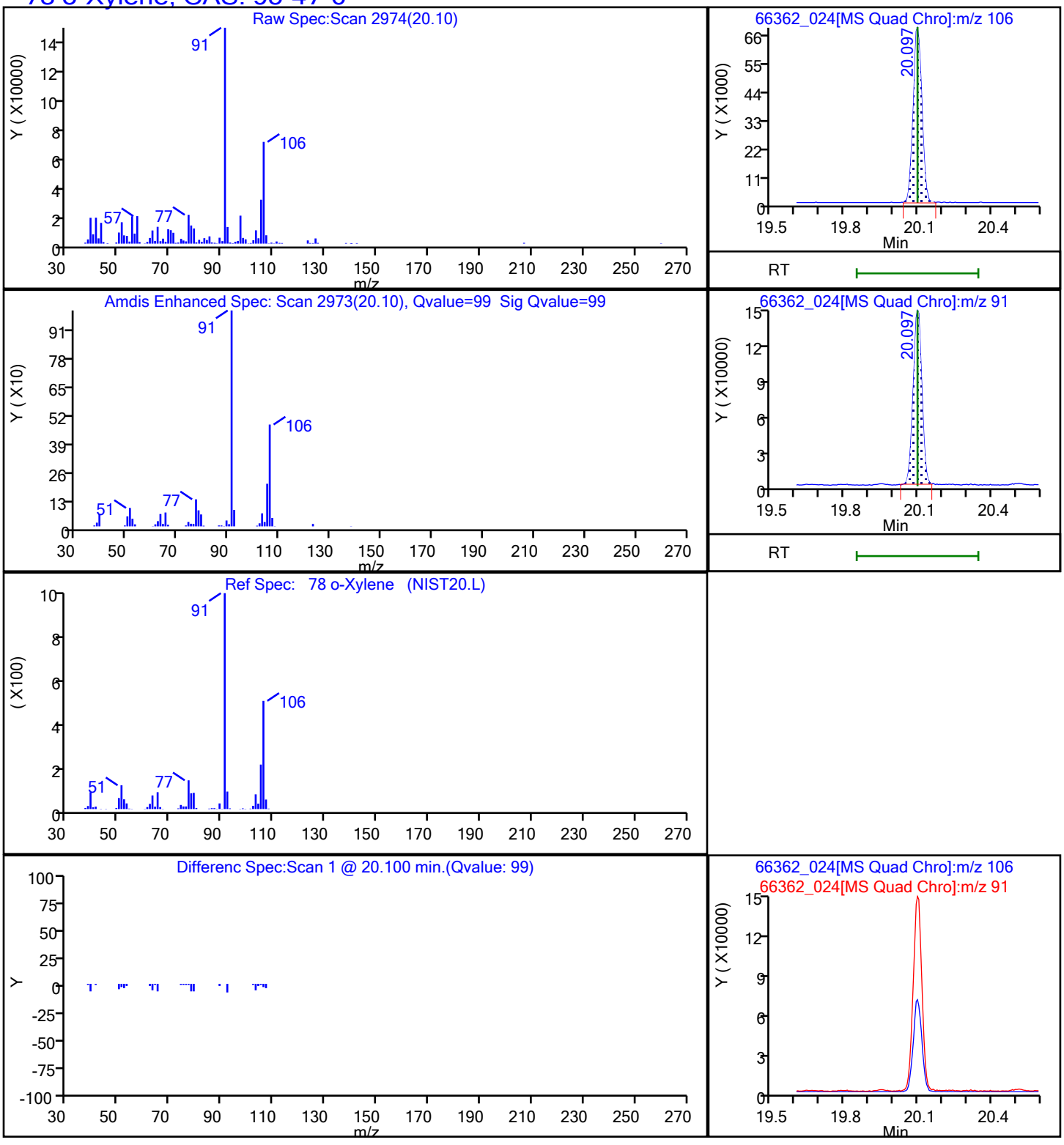
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 o-Xylene, CAS: 95-47-6



Eurofins Burlington

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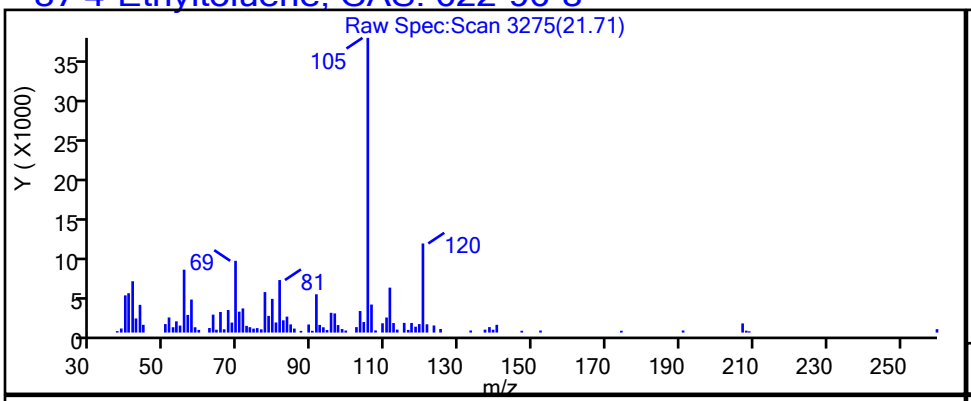
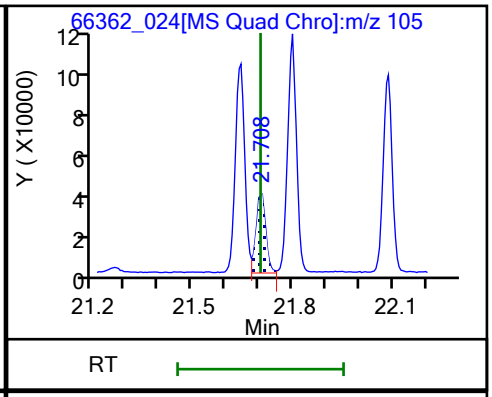
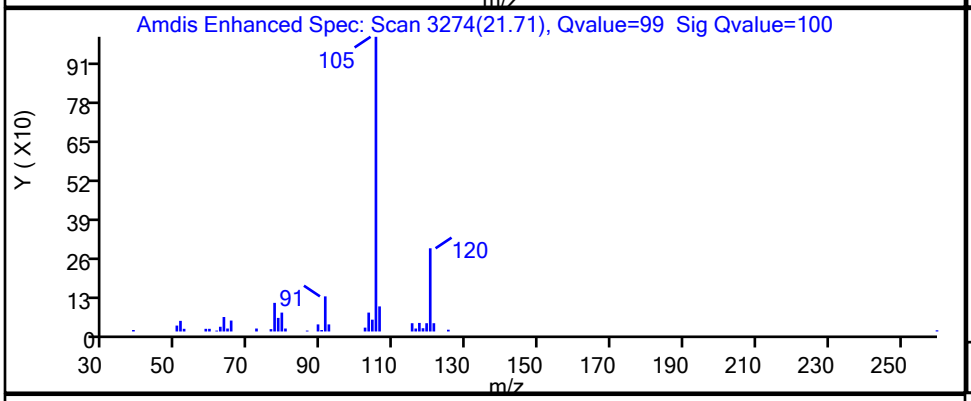
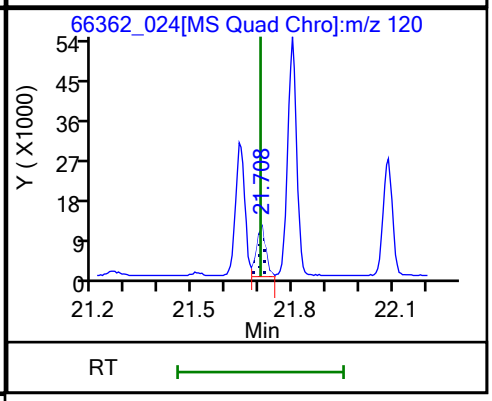
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1
Client ID:	SVE_INF_20250813		
Operator ID:	wrd	ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

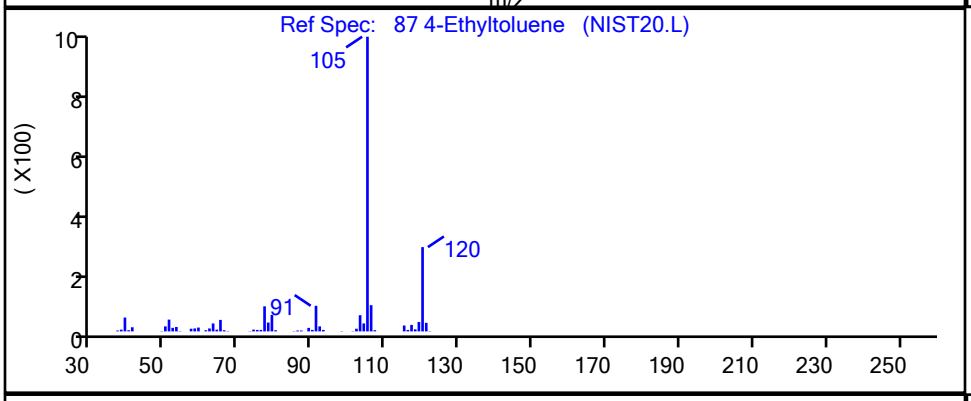
87 4-Ethyltoluene, CAS: 622-96-8

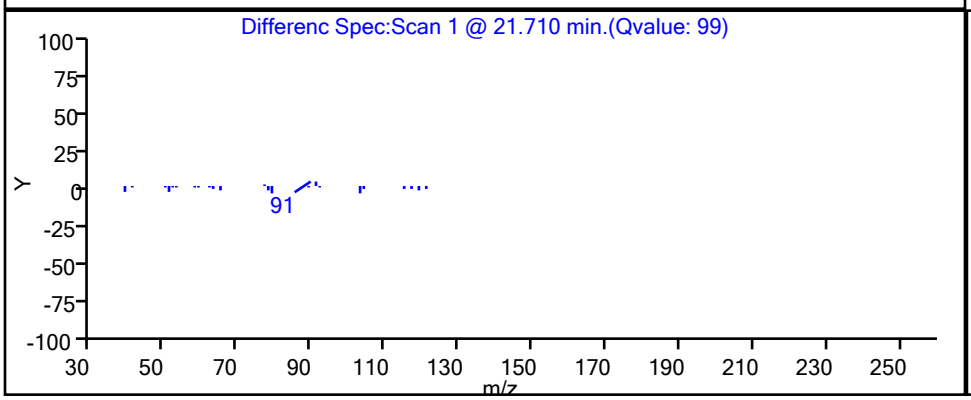


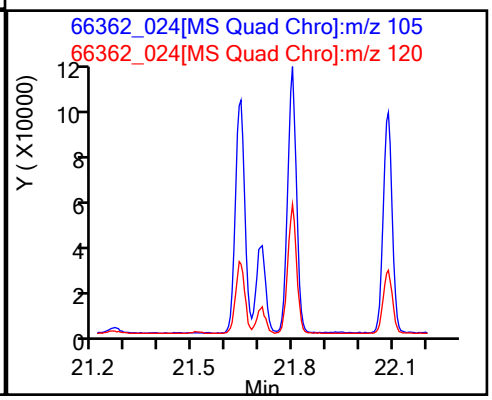








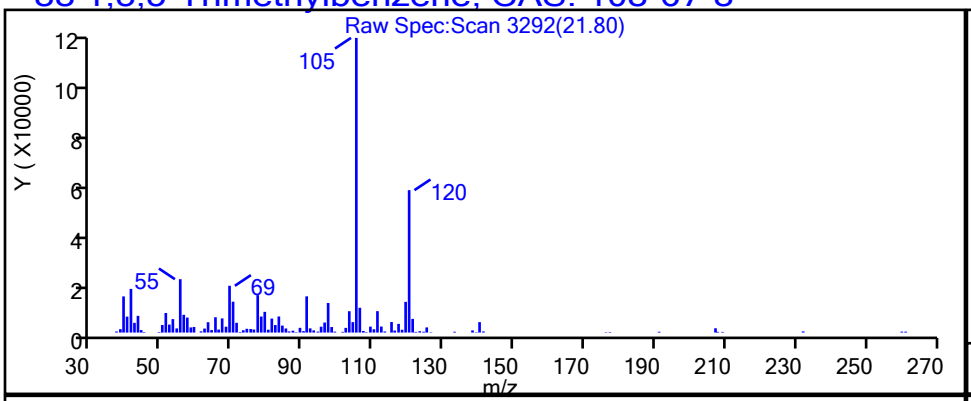


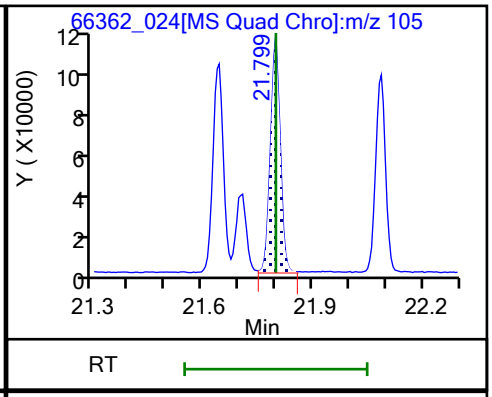


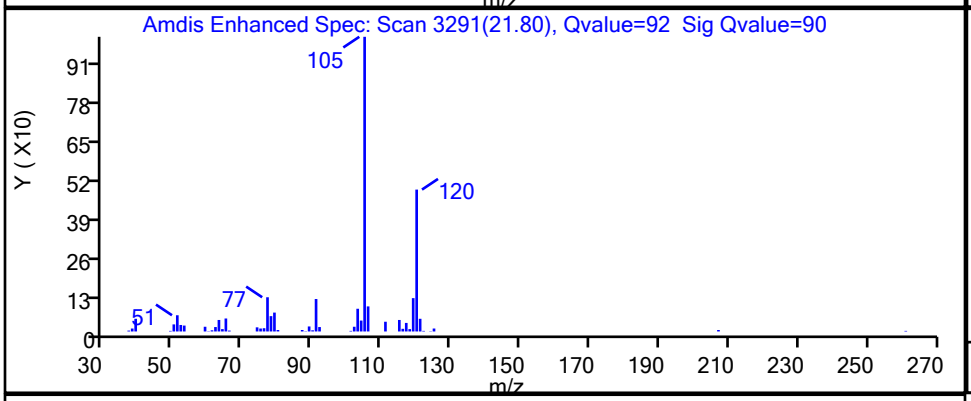
Eurofins Burlington

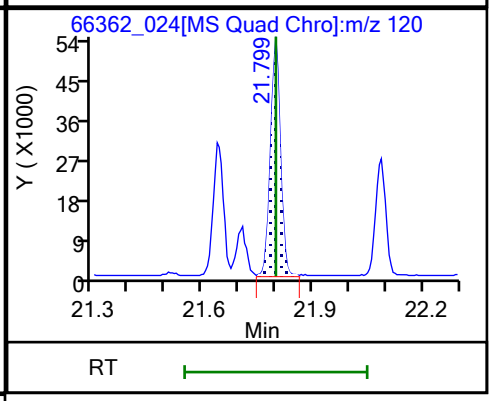
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

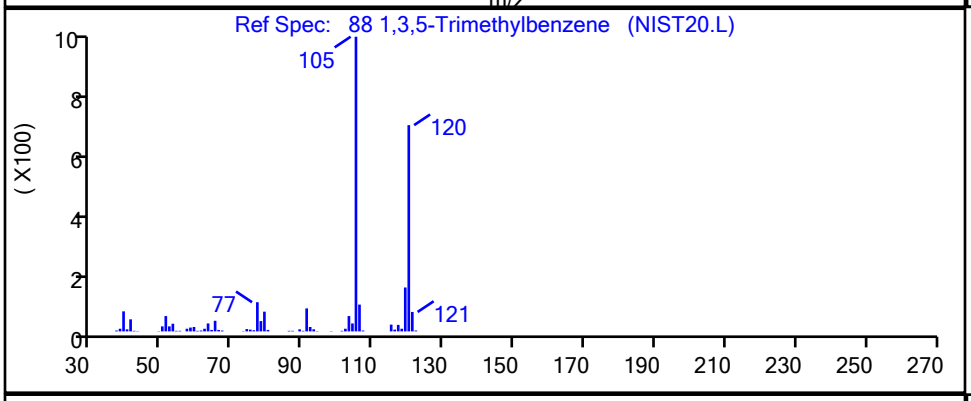
88 1,3,5-Trimethylbenzene, CAS: 108-67-8

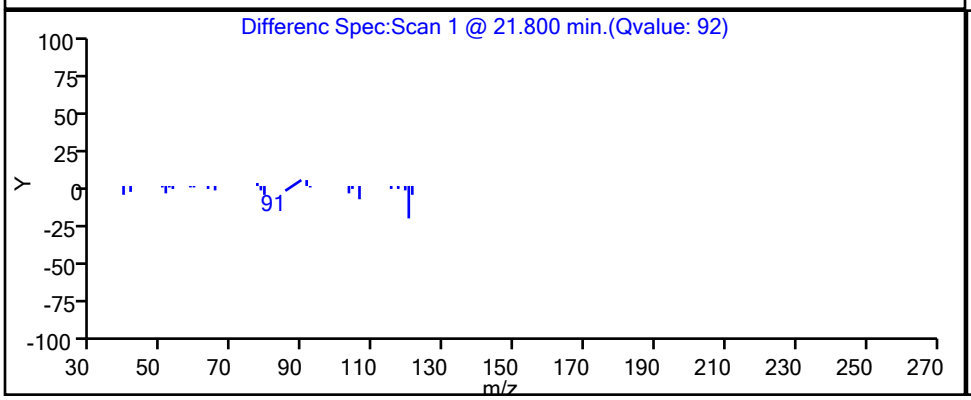


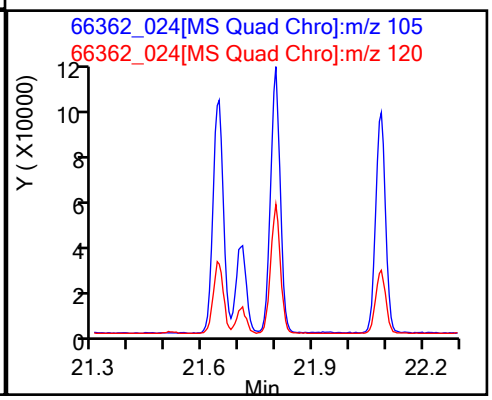








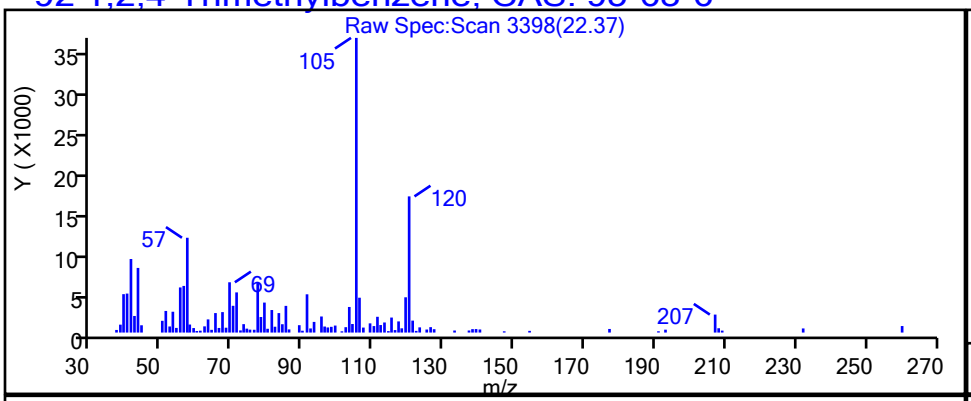


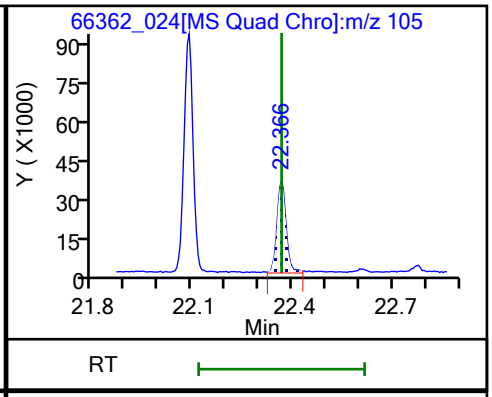


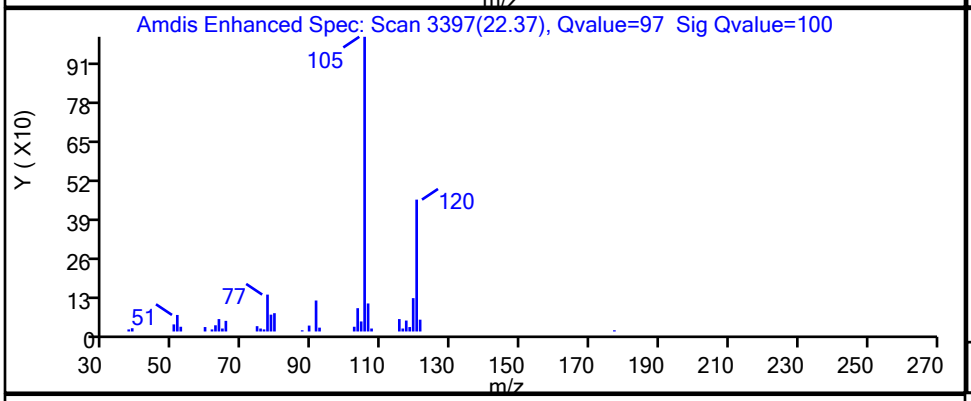
Eurofins Burlington

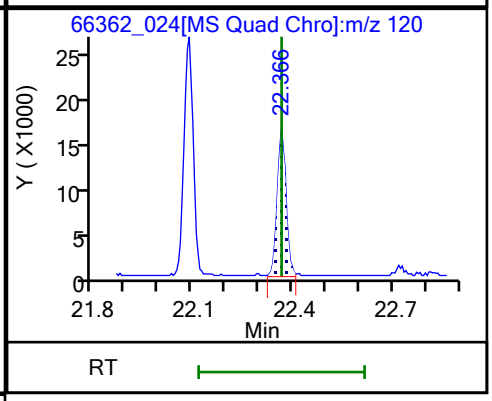
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

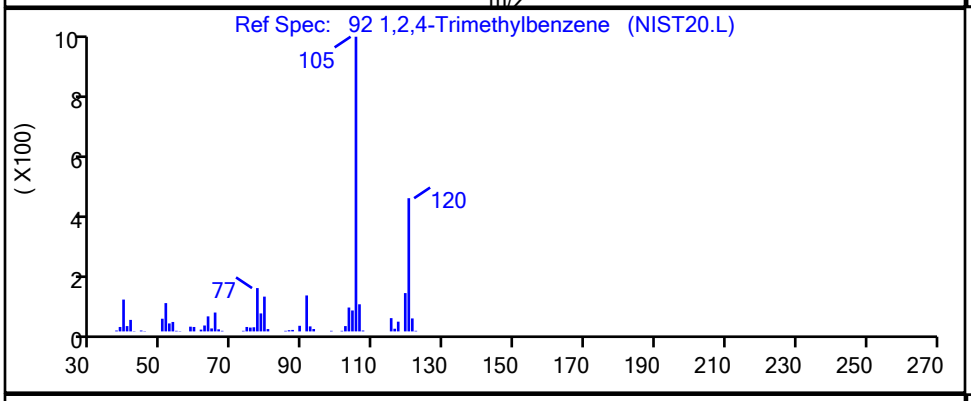
92 1,2,4-Trimethylbenzene, CAS: 95-63-6

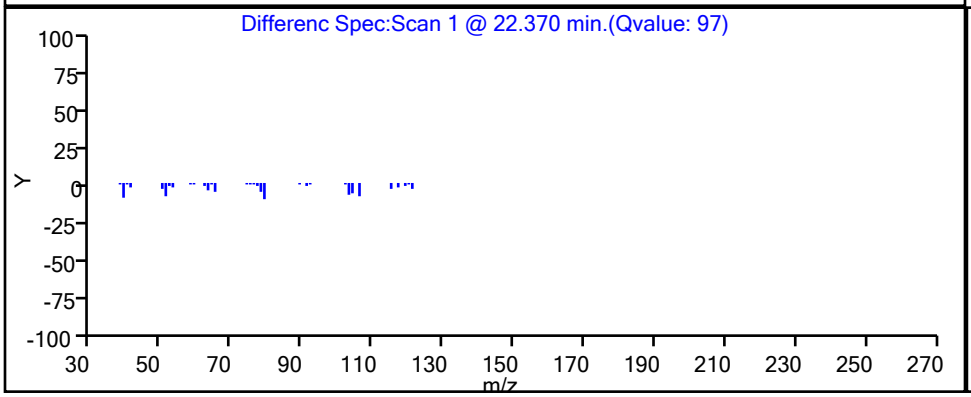


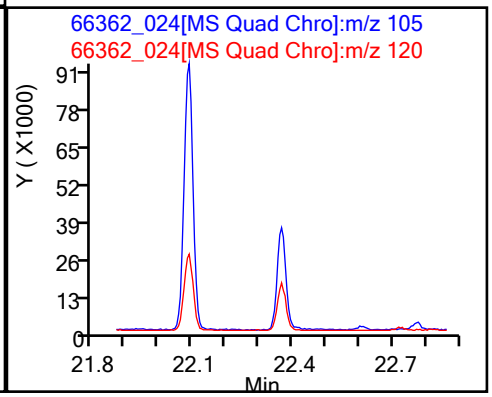












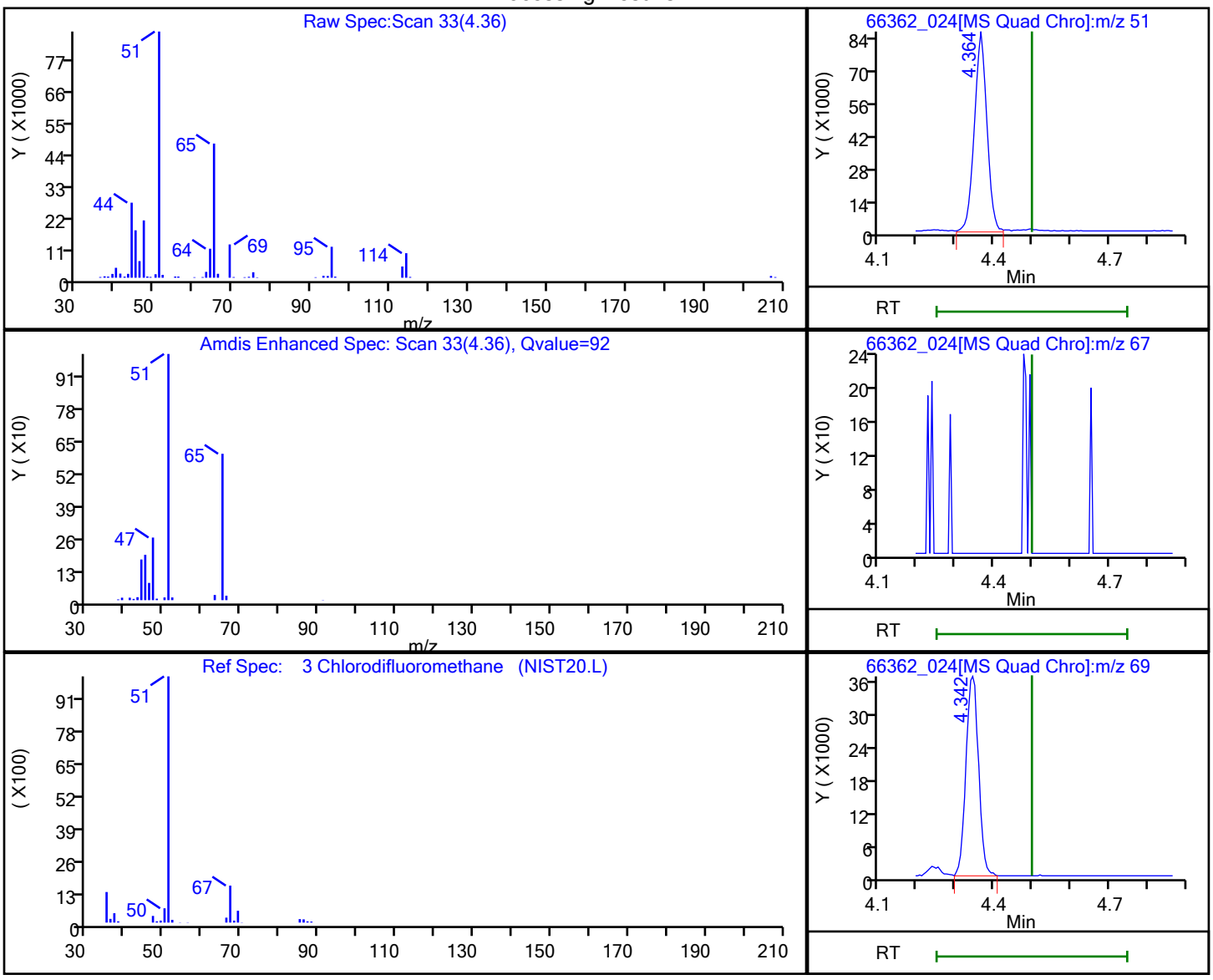
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
4.36	51.00	195387	4.392396
4.50	67.00	0	
4.34	69.00	84282	

Reviewer: F7XK, 18-Aug-2025 09:46:46 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

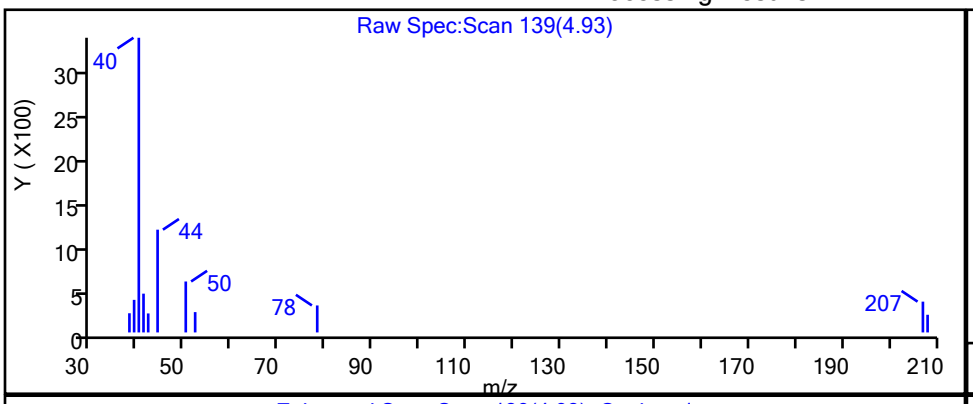
User Disabled Compound Report

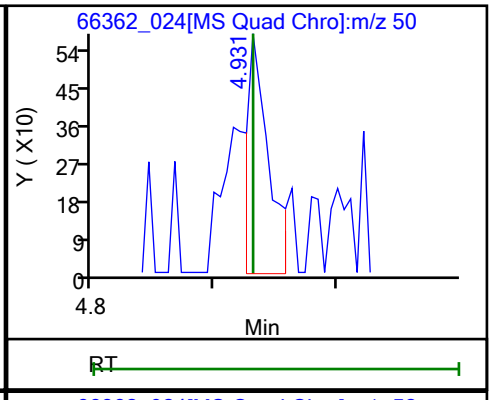
Eurofins Burlington

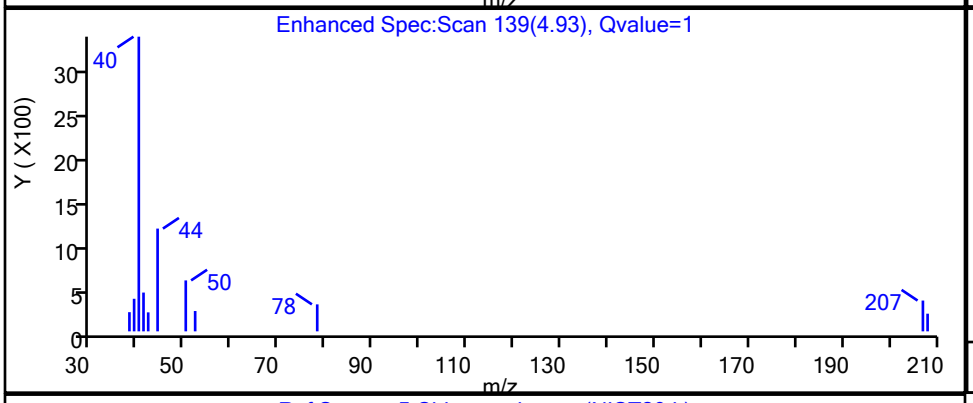
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

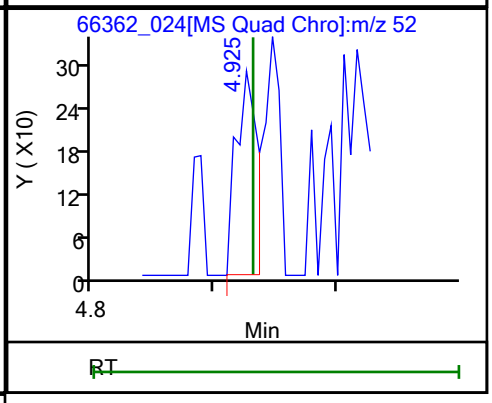
5 Chloromethane, CAS: 74-87-3

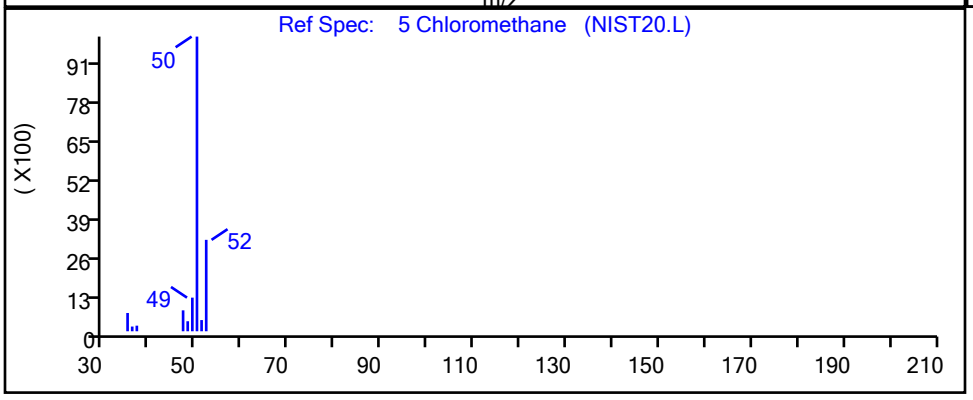
Processing Results











RT	Mass	Response	Amount
4.93	50.00	698	0.032830
4.93	52.00	340	

Reviewer: F7XK, 18-Aug-2025 09:47:06 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington

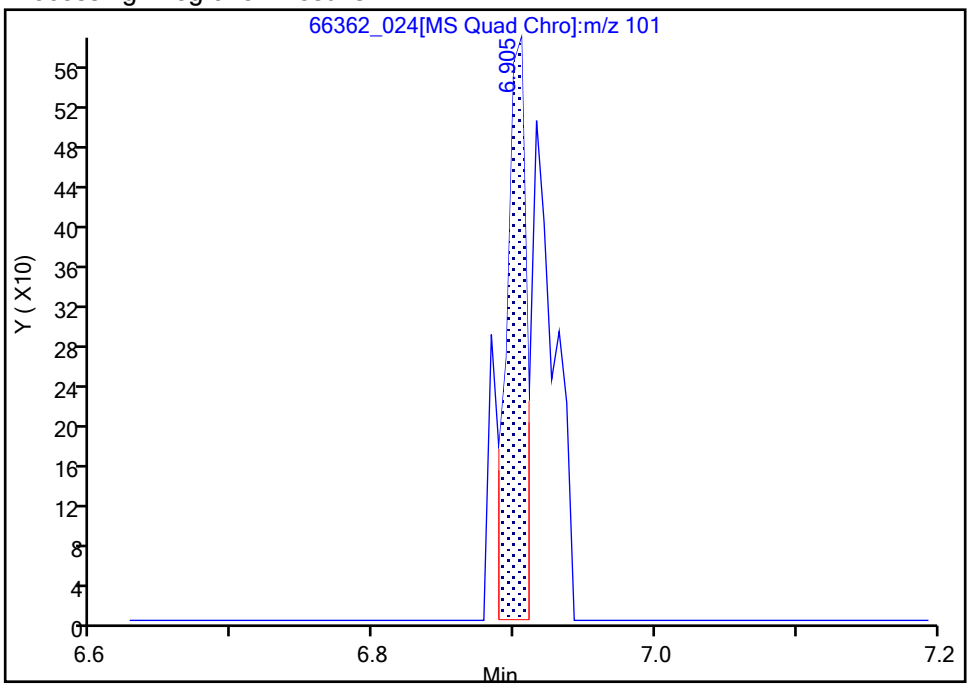
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

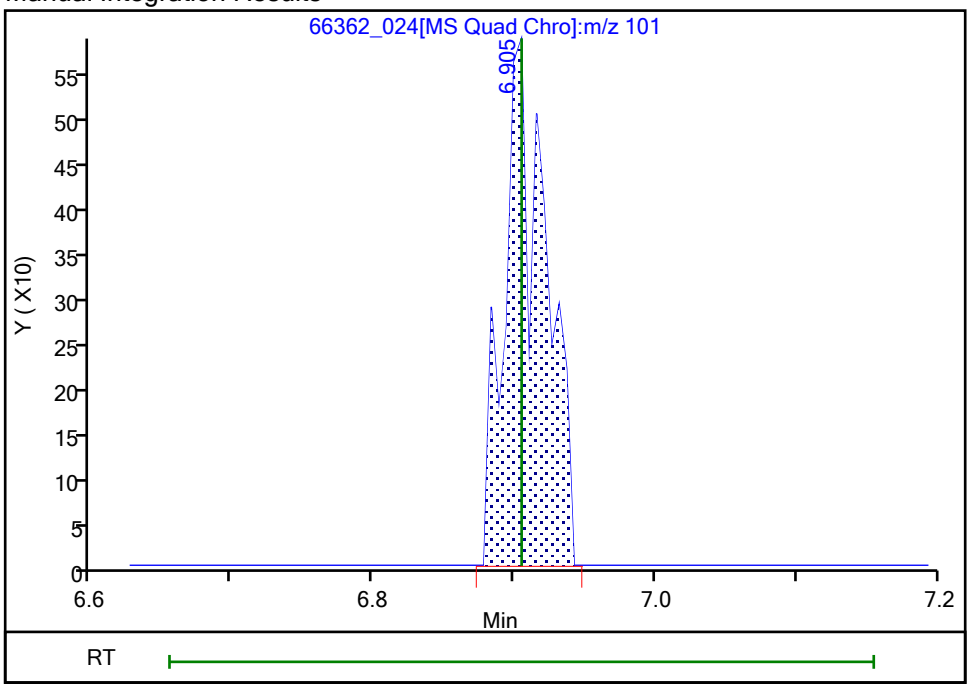
Processing Integration Results

RT: 6.90
Area: 577
Amount: 0.005163
Amount Units: ppb v/v



Manual Integration Results

RT: 6.90
Area: 1197
Amount: 0.010710
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 09:47:33 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

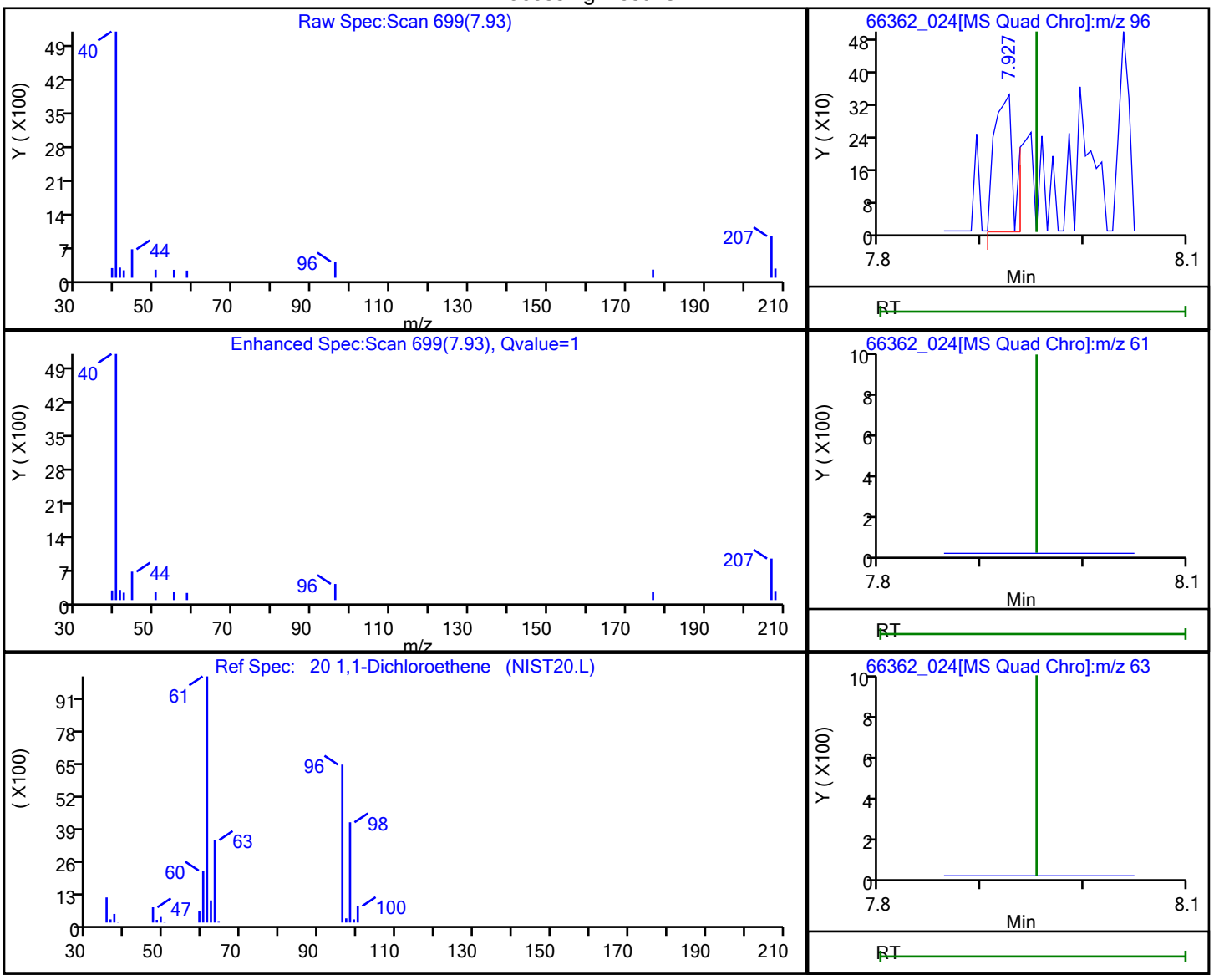
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.93	96.00	448	0.011129
7.95	61.00	0	
7.95	63.00	0	

Reviewer: F7XK, 18-Aug-2025 09:47:55 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington

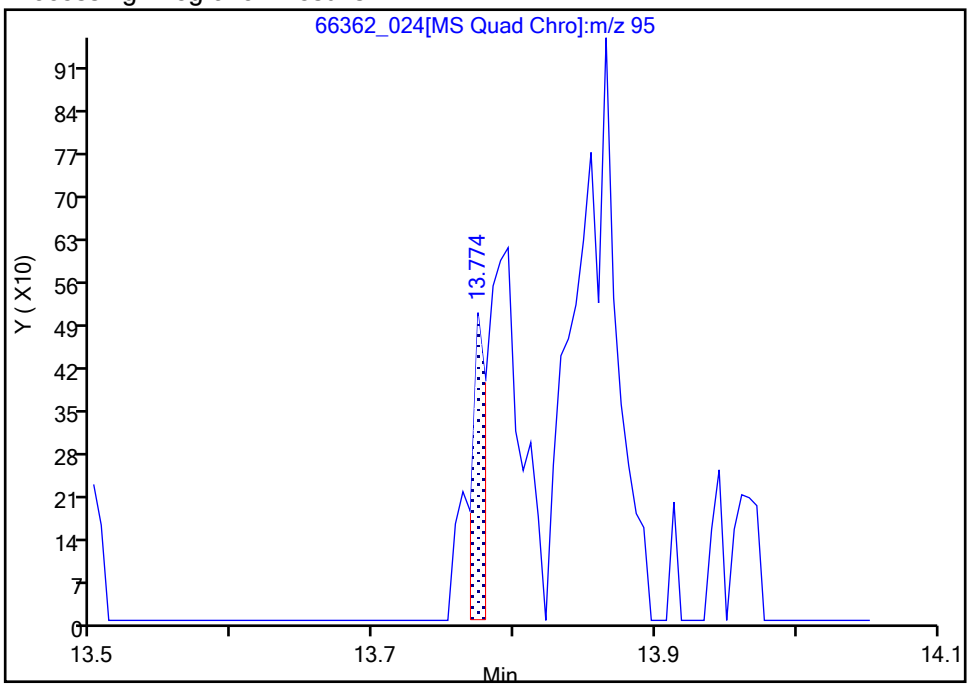
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6

Signal: 1

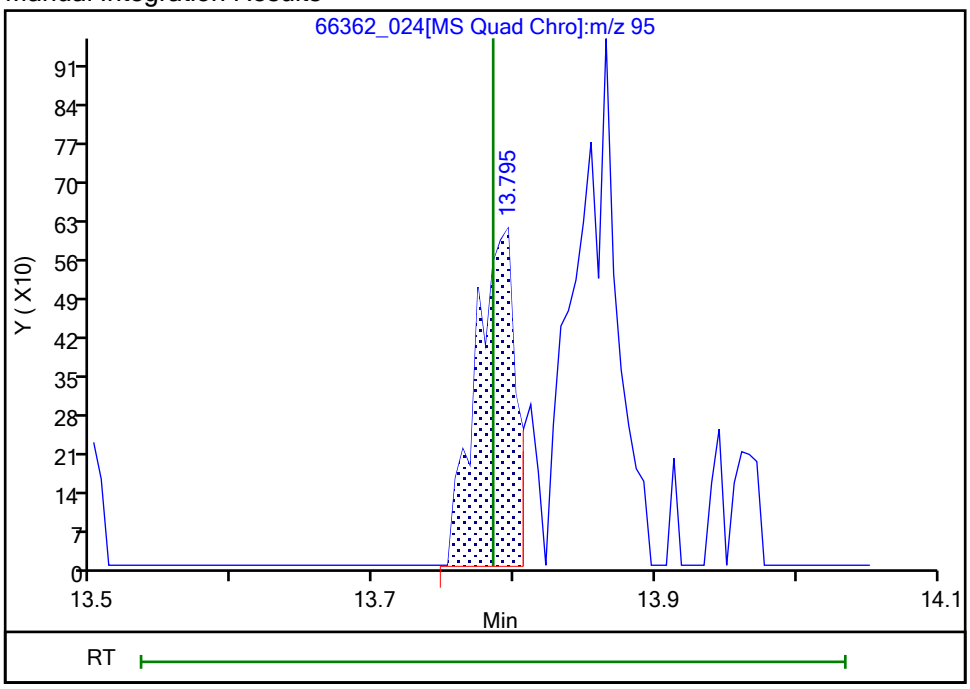
Processing Integration Results

RT: 13.77
Area: 347
Amount: 0.005581
Amount Units: ppb v/v



Manual Integration Results

RT: 13.80
Area: 1210
Amount: 0.019462
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 09:50:50 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington

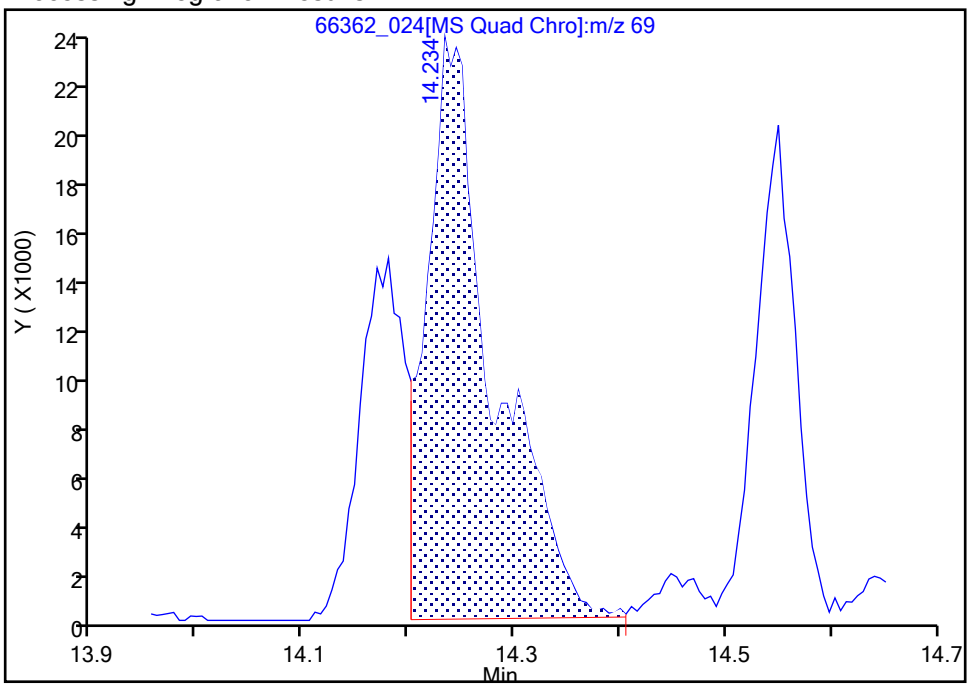
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Signal: 1

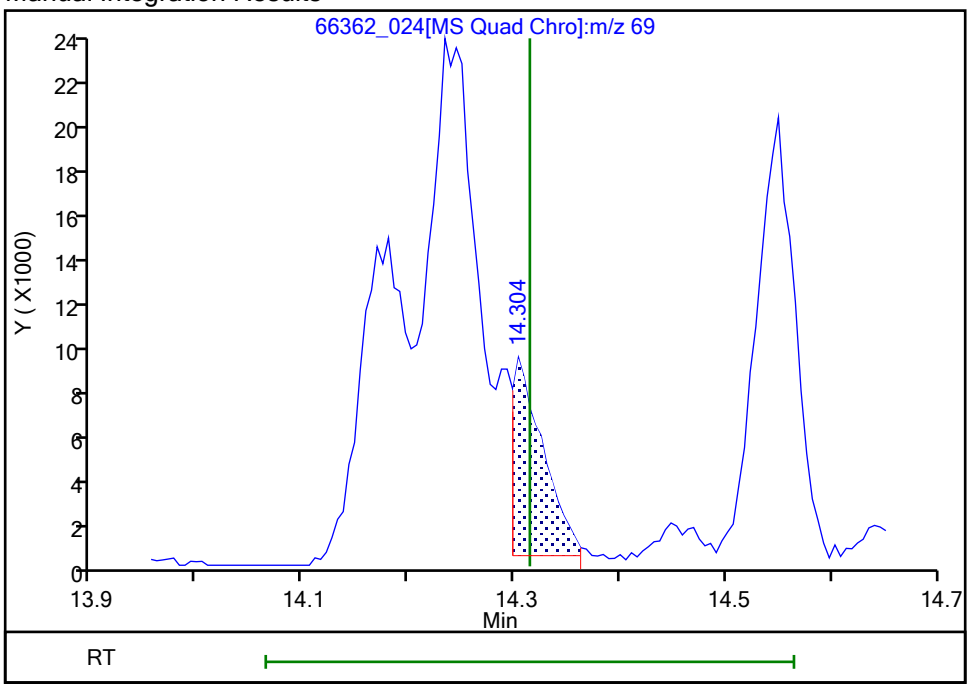
Processing Integration Results

RT: 14.23
Area: 102860
Amount: 2.707069
Amount Units: ppb v/v



Manual Integration Results

RT: 14.30
Area: 18060
Amount: 0.475303
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 09:51:55 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington

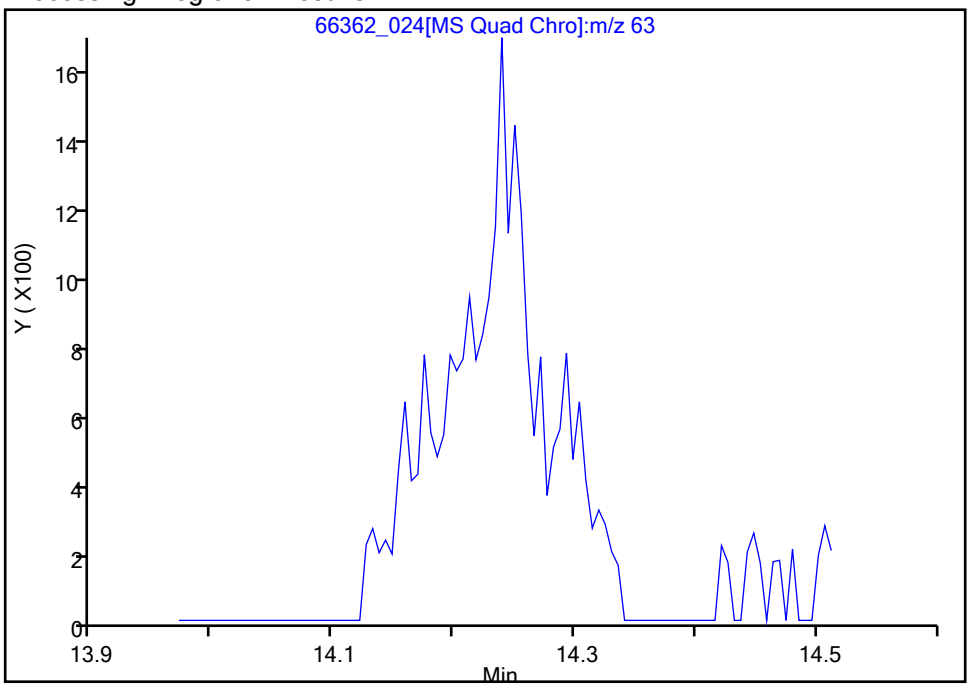
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

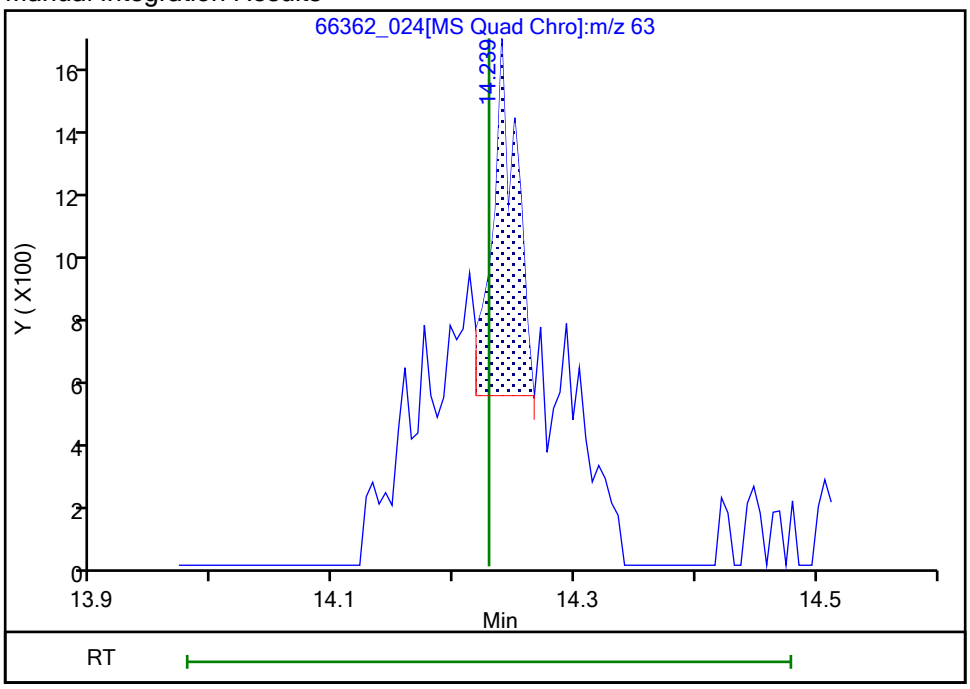
Not Detected
Expected RT: 14.23

Processing Integration Results



Manual Integration Results

RT: 14.24
Area: 1573
Amount: 0.037945
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 09:51:28 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

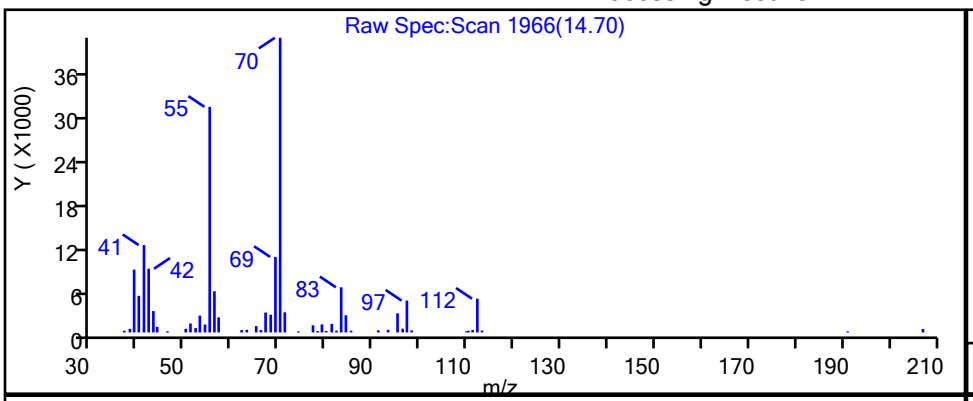
User Disabled Compound Report

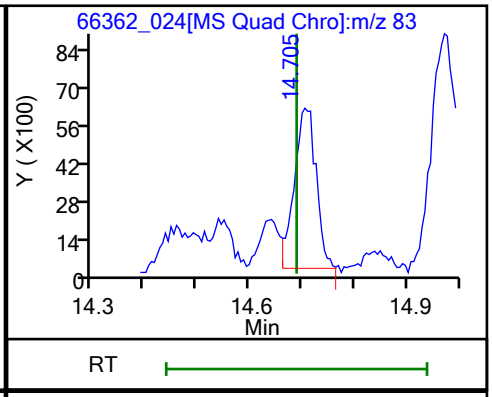
Eurofins Burlington

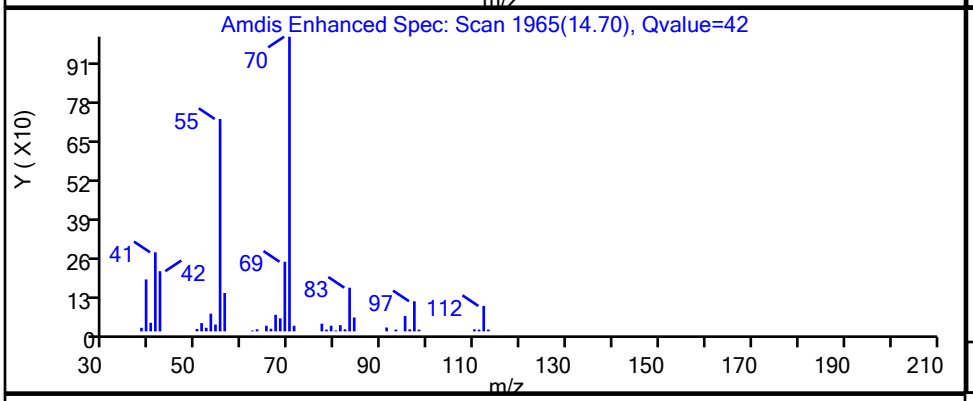
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

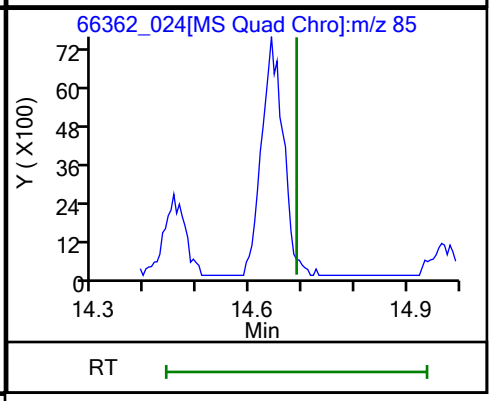
58 Dichlorobromomethane, CAS: 75-27-4

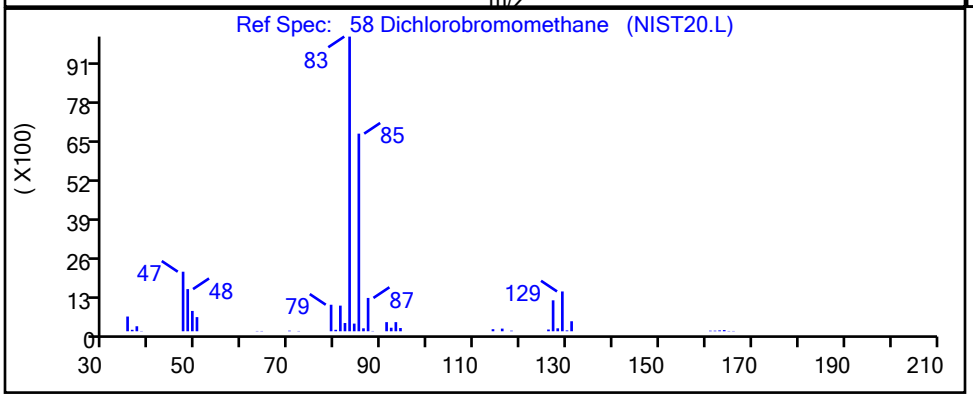
Processing Results











RT	Mass	Response	Amount
14.70	83.00	17348	0.180256
14.69	85.00	0	

Reviewer: F7XK, 18-Aug-2025 09:52:23 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington

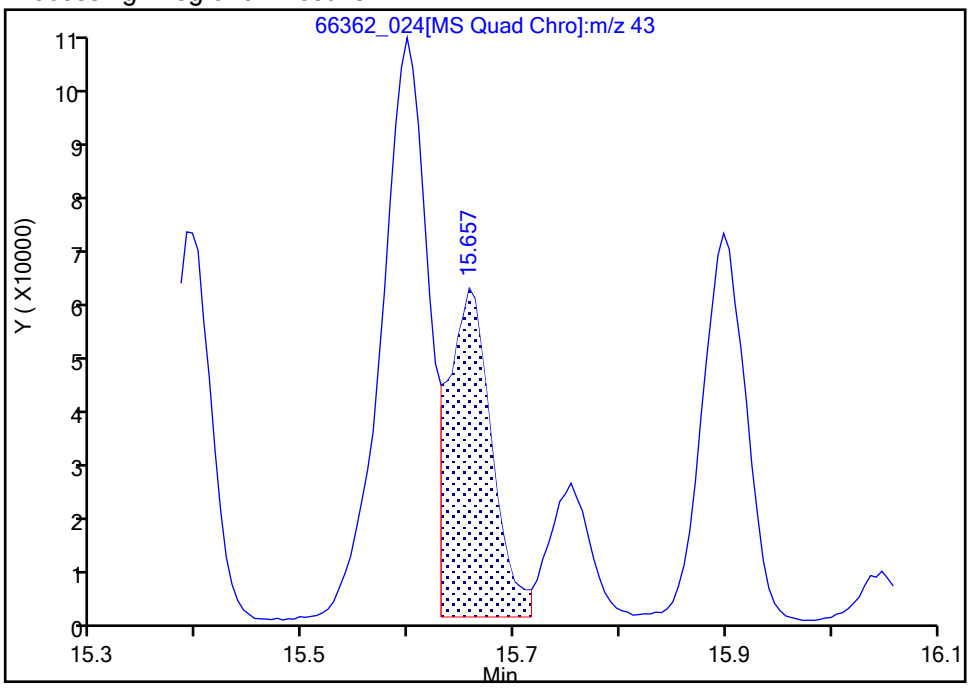
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

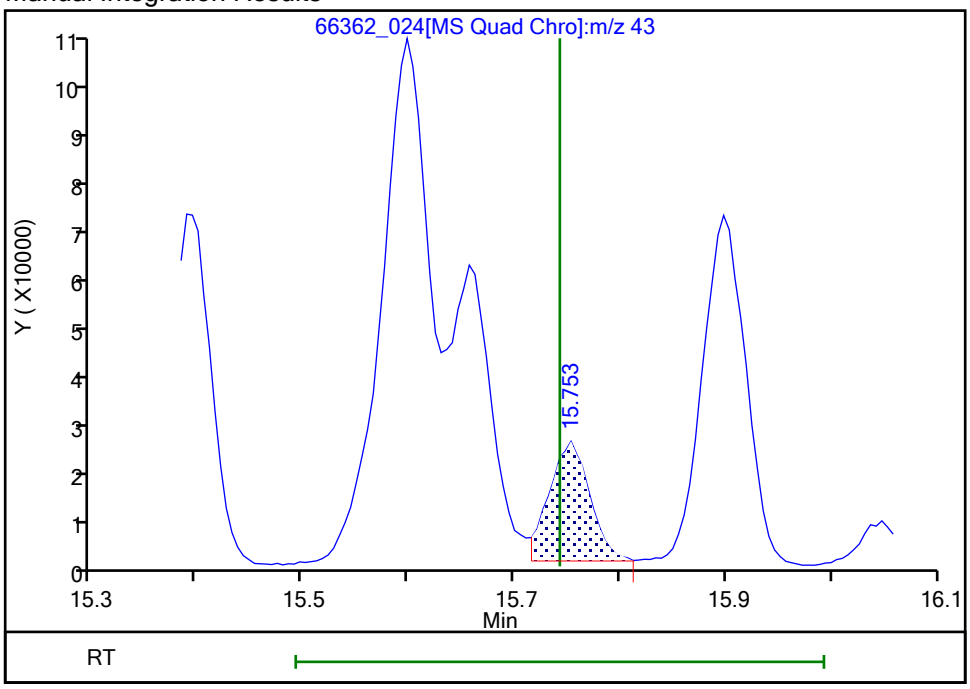
Processing Integration Results

RT: 15.66
Area: 167262
Amount: 2.308288
Amount Units: ppb v/v



Manual Integration Results

RT: 15.75
Area: 61574
Amount: 0.849748
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 09:52:43 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

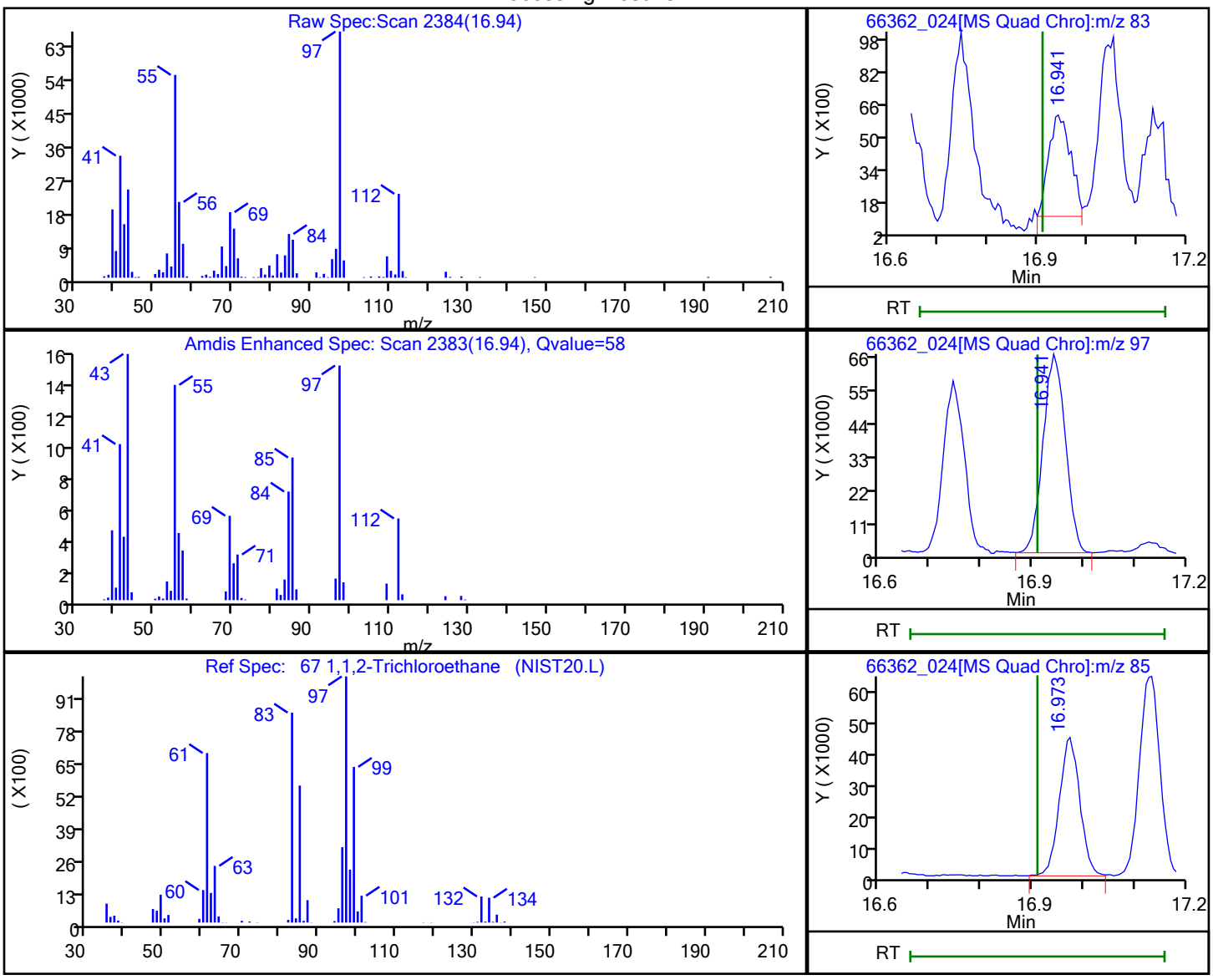
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
16.94	83.00	15686	0.340241
16.94	97.00	201660	
16.97	85.00	125207	

Reviewer: F7XK, 18-Aug-2025 09:52:59 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

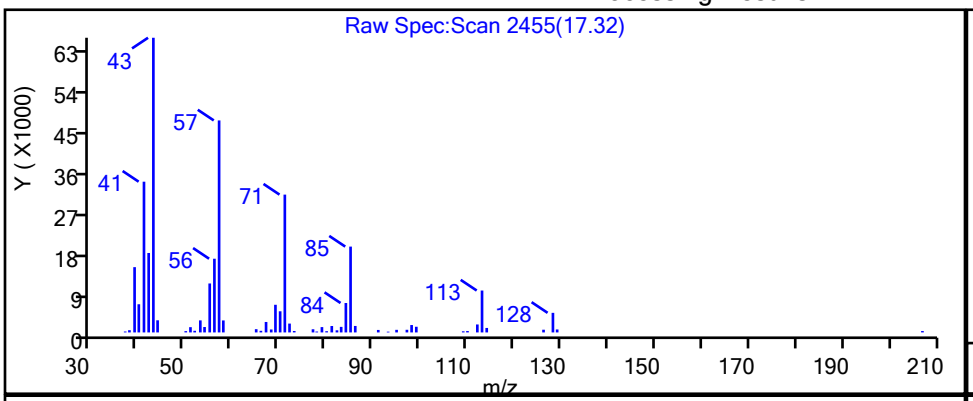
User Disabled Compound Report

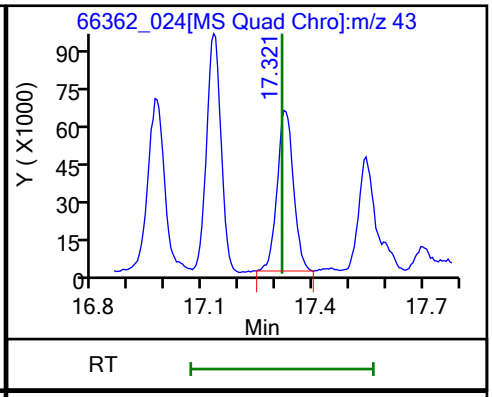
Eurofins Burlington

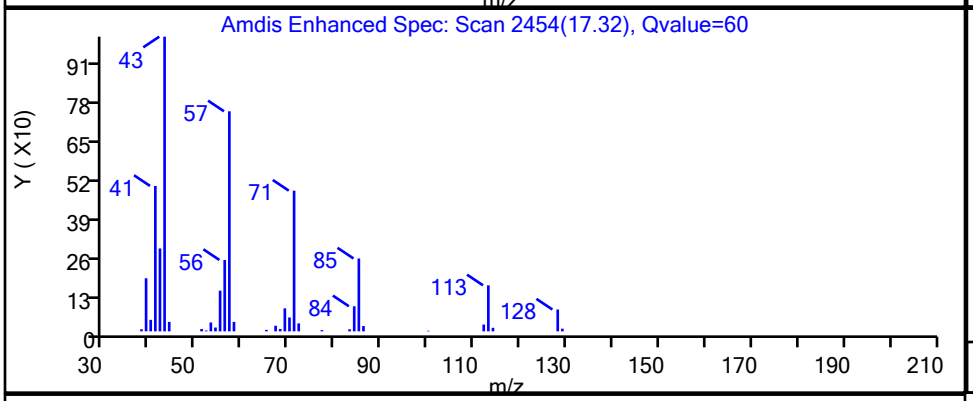
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

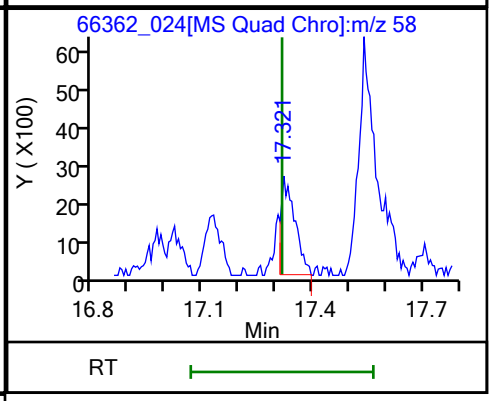
69 2-Hexanone, CAS: 591-78-6

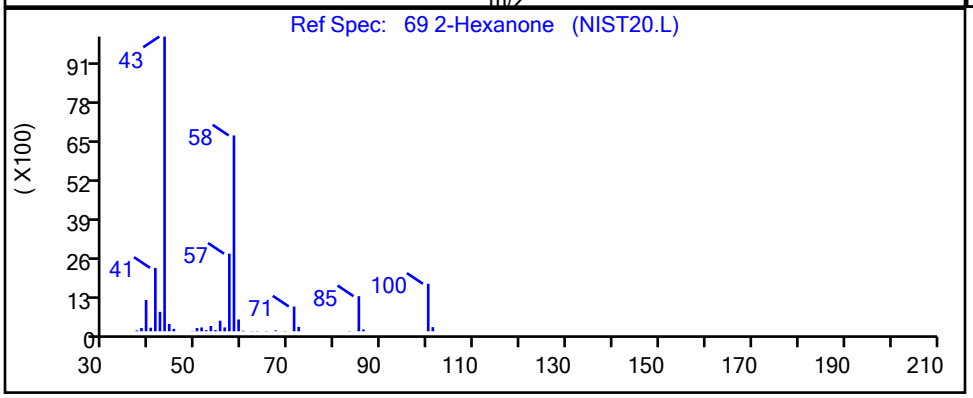
Processing Results











RT	Mass	Response	Amount
17.32	43.00	201767	2.933880
17.32	58.00	6944	

Reviewer: F7XK, 18-Aug-2025 09:53:21 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

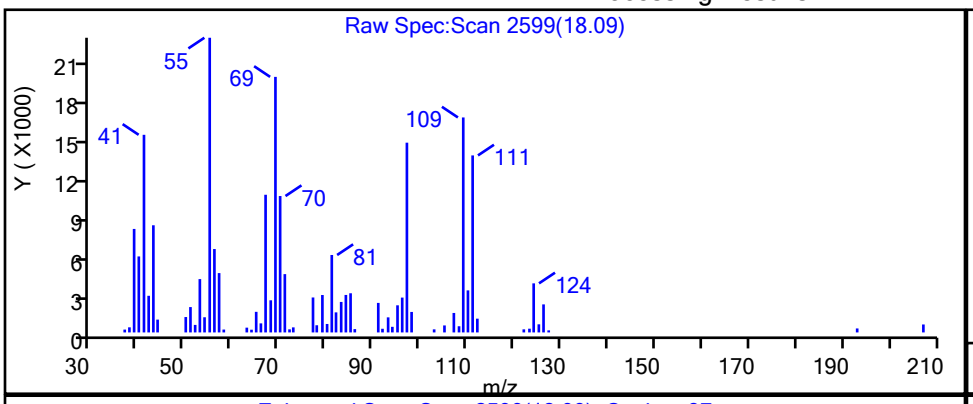
User Disabled Compound Report

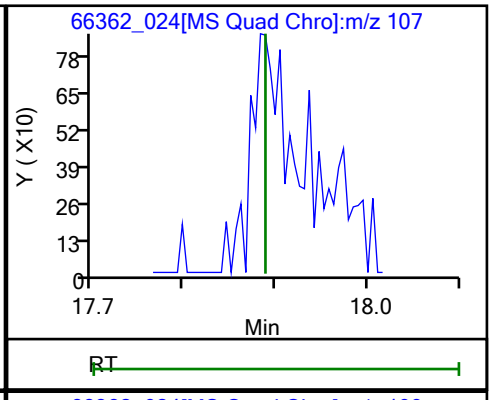
Eurofins Burlington

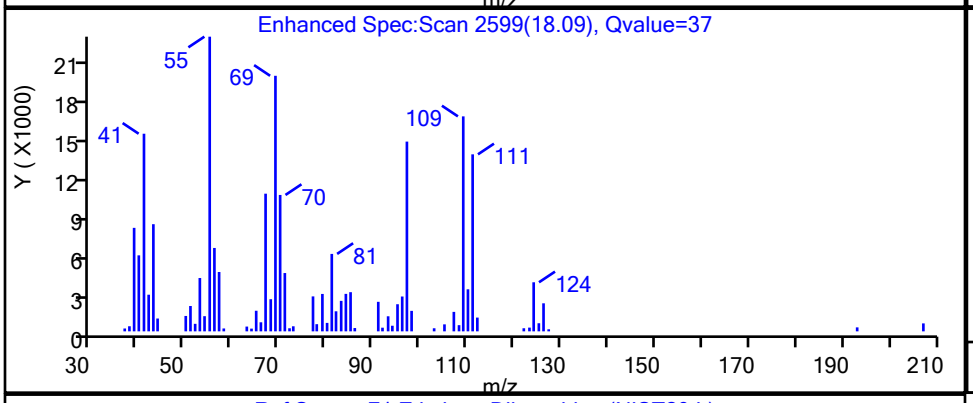
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

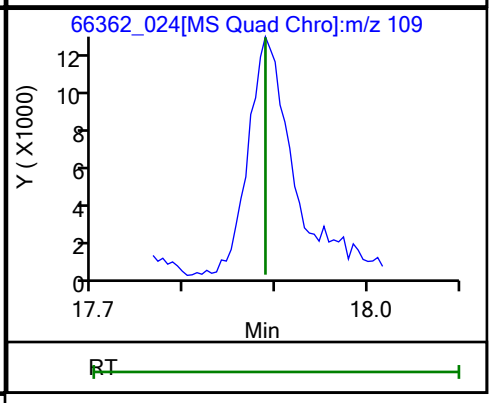
71 Ethylene Dibromide, CAS: 106-93-4

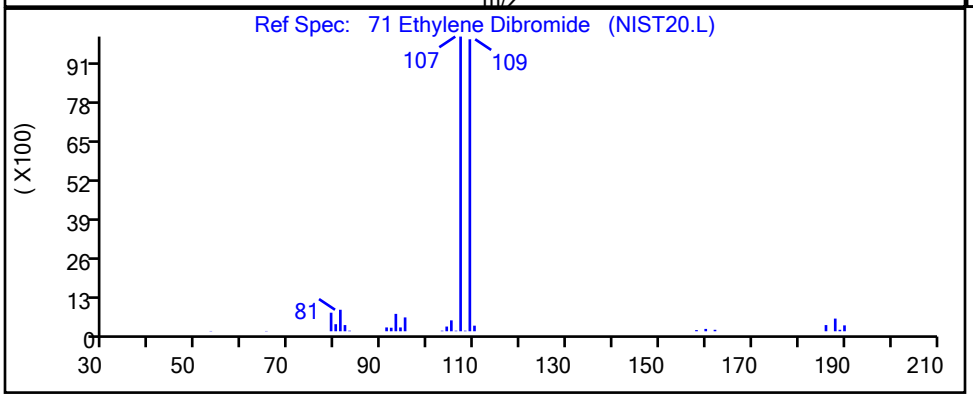
Processing Results











RT	Mass	Response	Amount
18.09	107.00	2086	0.023017
18.10	109.00	53312	

Reviewer: F7XK, 18-Aug-2025 09:53:41 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

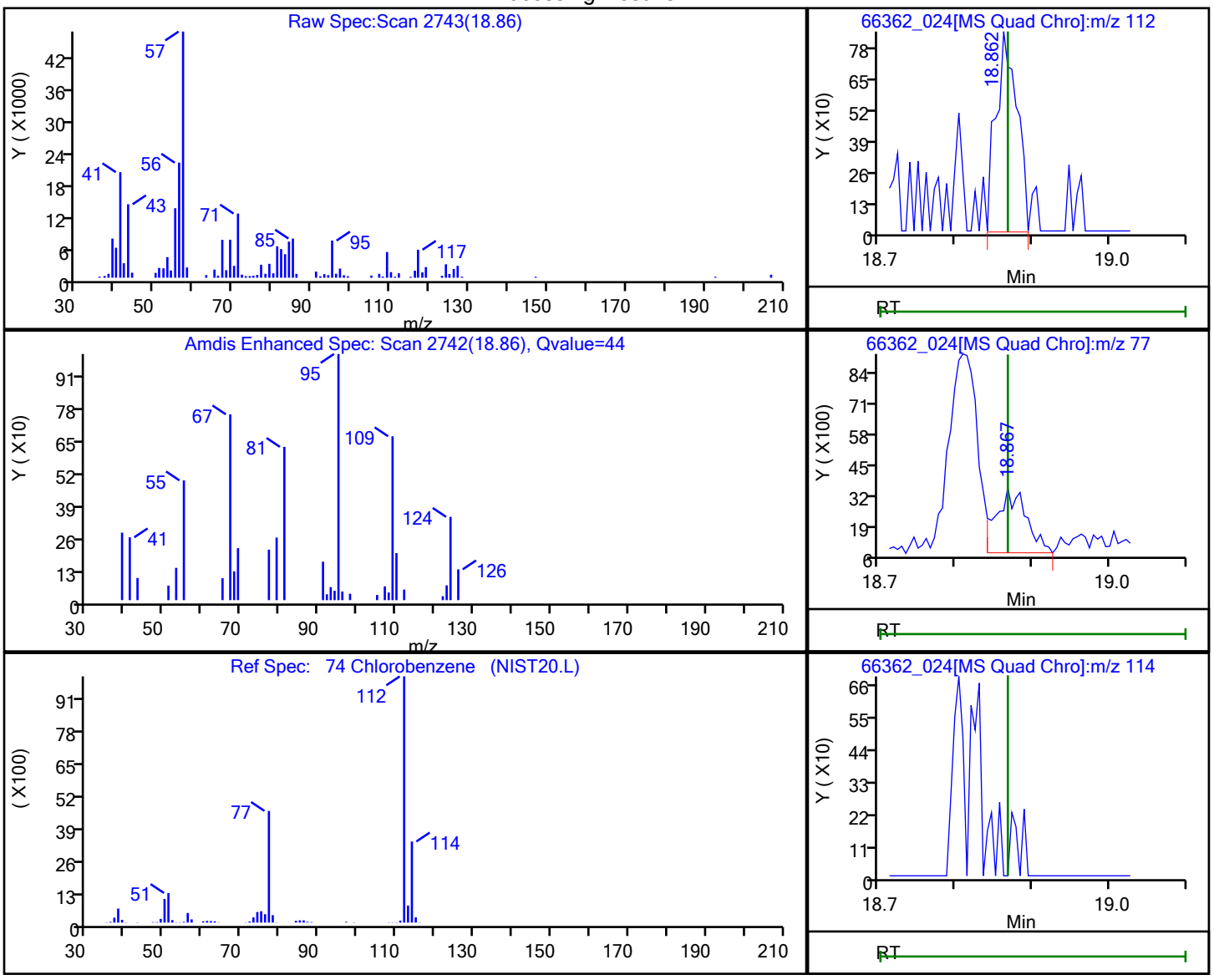
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
18.86	112.00	1607	0.012028
18.87	77.00	7579	
18.87	114.00	0	

Reviewer: F7XK, 18-Aug-2025 09:53:50 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

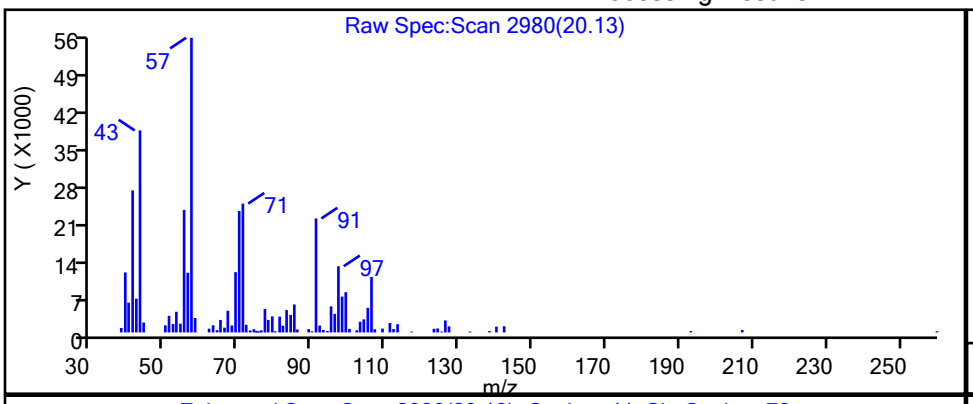
User Disabled Compound Report

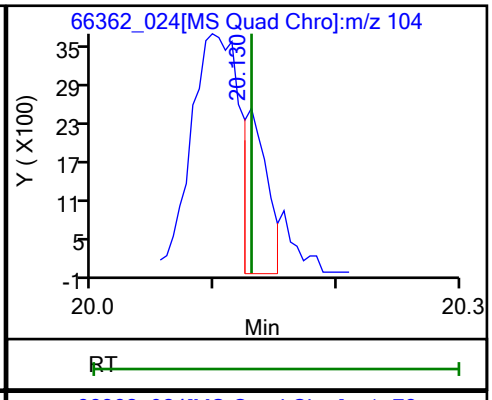
Eurofins Burlington

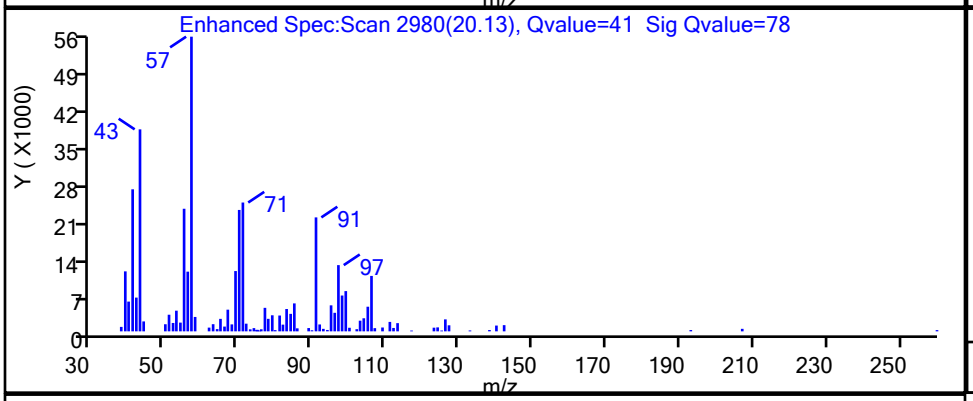
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

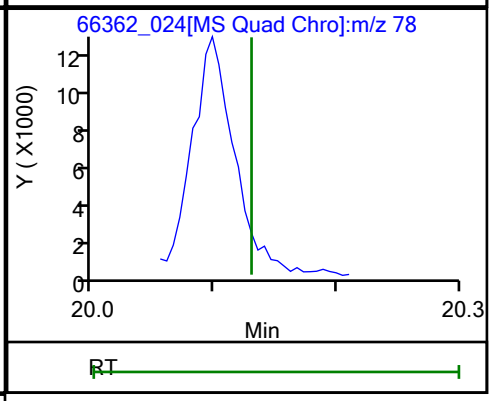
79 Styrene, CAS: 100-42-5

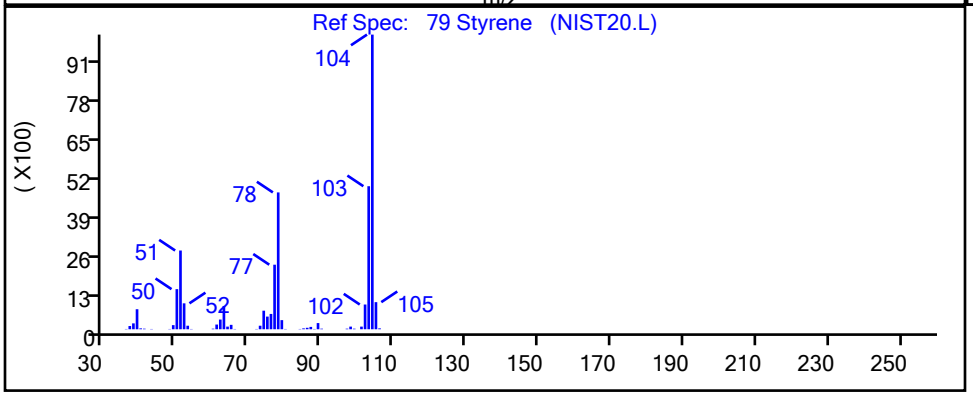
Processing Results











RT	Mass	Response	Amount
20.13	104.00	3353	0.026695
20.13	78.00	0	

Reviewer: F7XK, 18-Aug-2025 09:54:30 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington

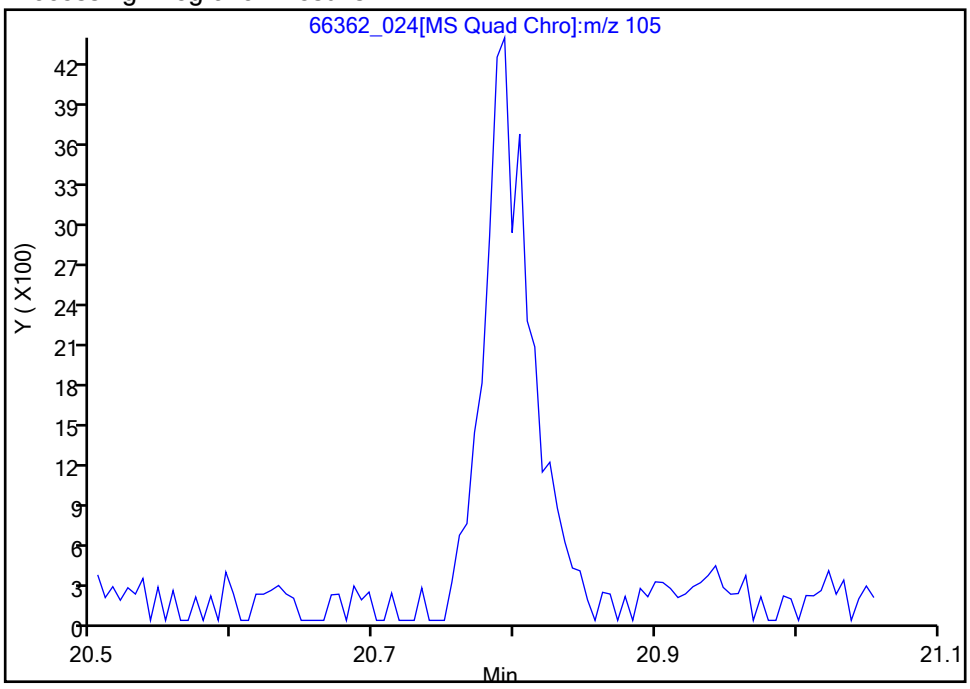
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Signal: 1

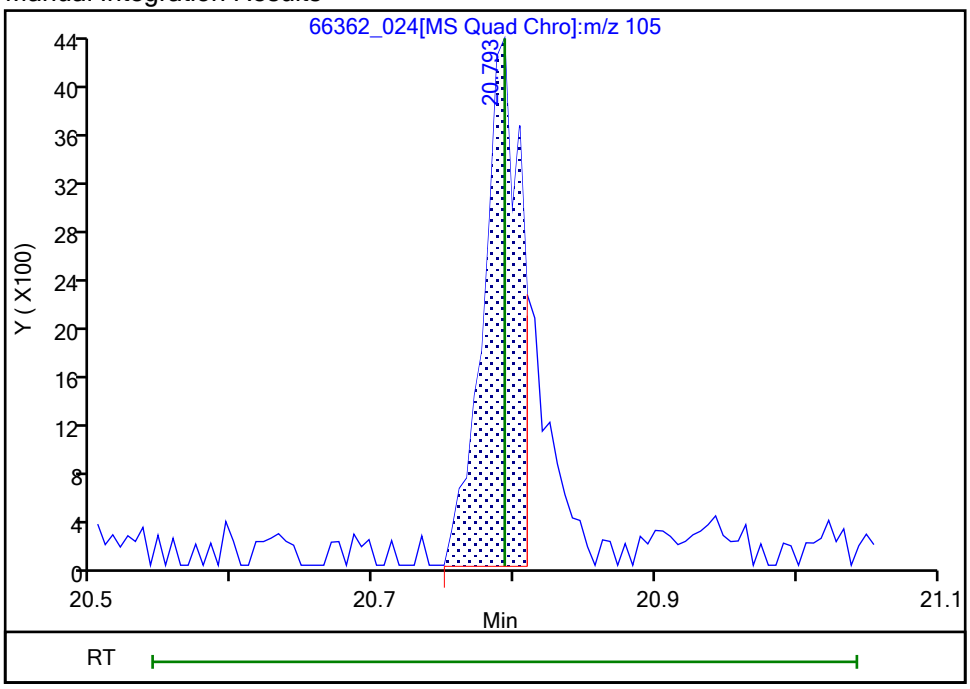
Not Detected
Expected RT: 20.79

Processing Integration Results



Manual Integration Results

RT: 20.79
Area: 8006
Amount: 0.033853
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 09:54:56 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

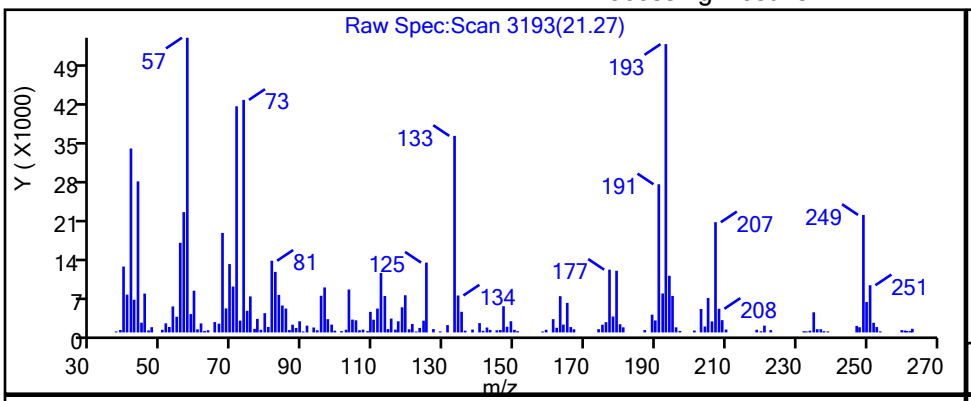
User Disabled Compound Report

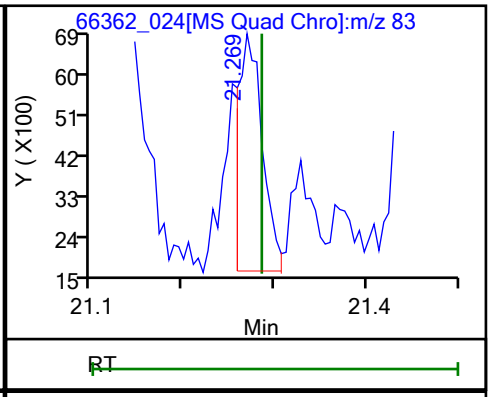
Eurofins Burlington

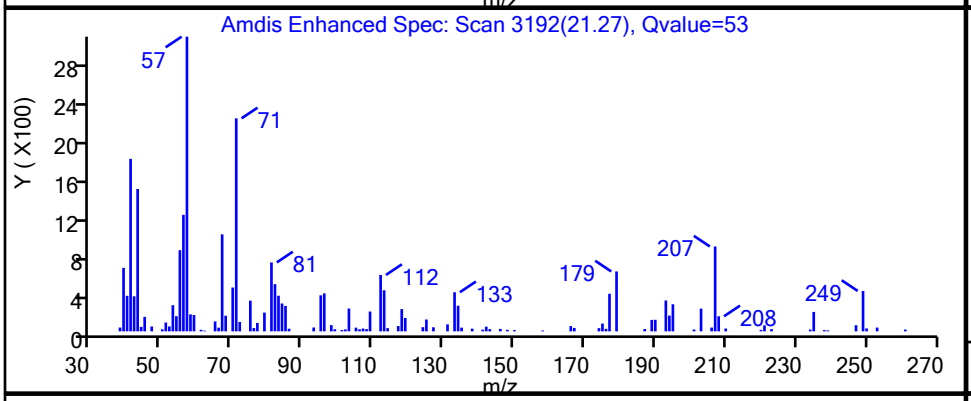
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

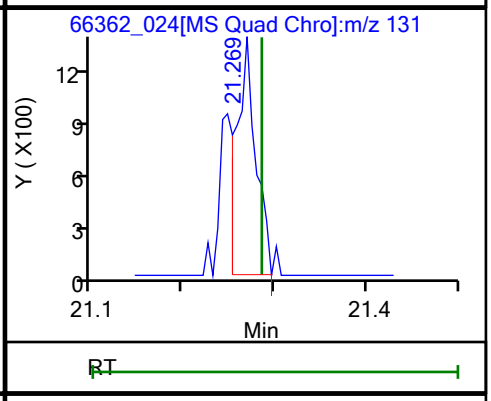
83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

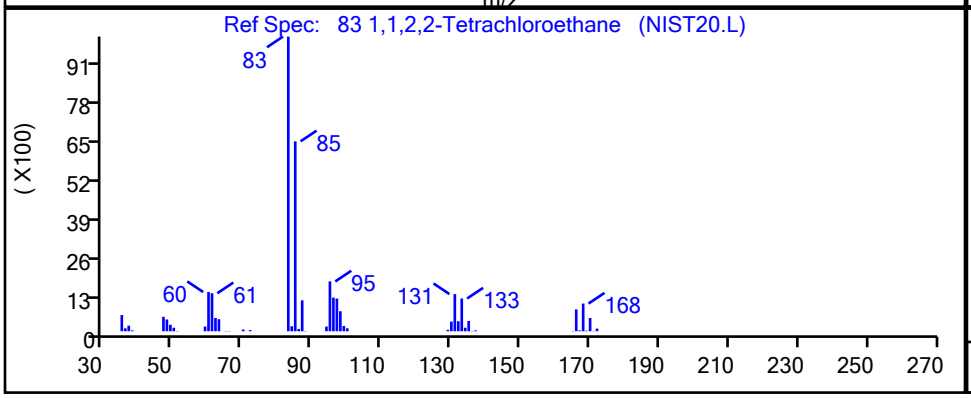
Processing Results

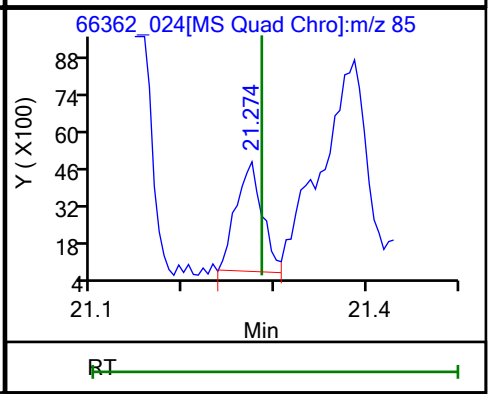












RT	Mass	Response	Amount
21.27	83.00	9564	0.079979
21.27	131.00	1953	
21.27	85.00	8368	

Reviewer: F7XK, 18-Aug-2025 09:55:35 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

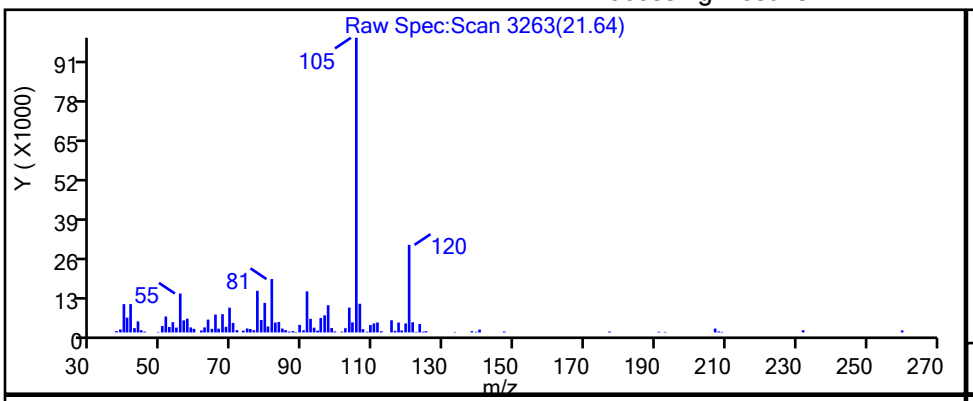
User Disabled Compound Report

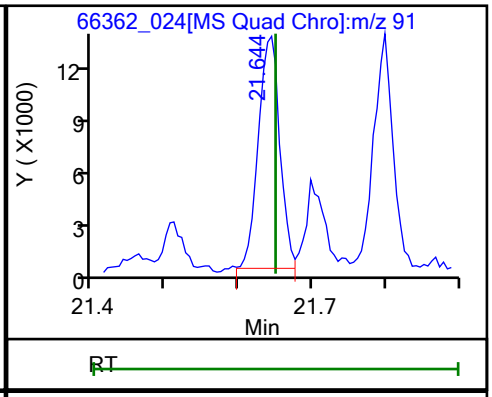
Eurofins Burlington

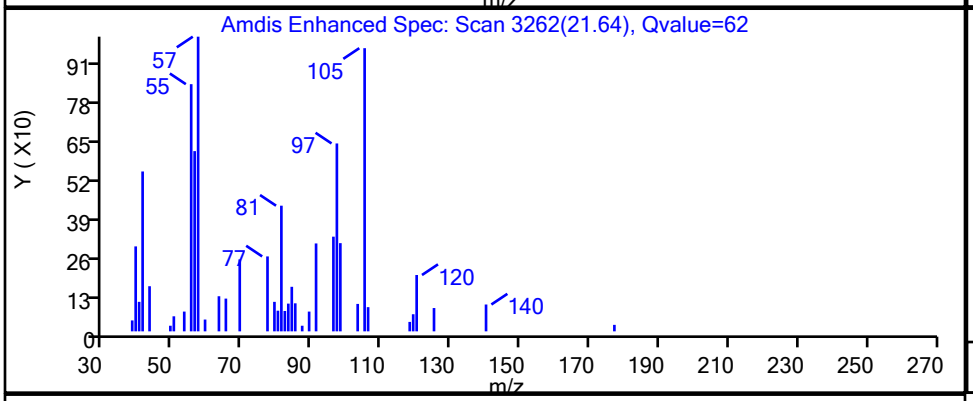
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

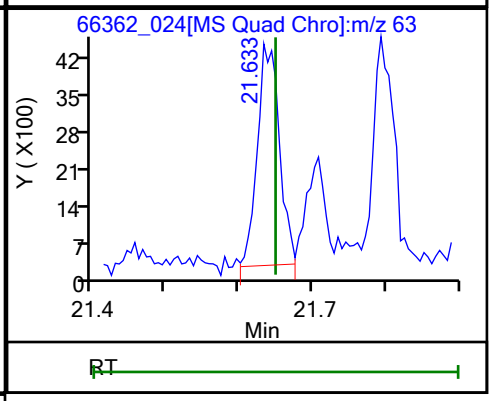
86 2-Chlorotoluene, CAS: 95-49-8

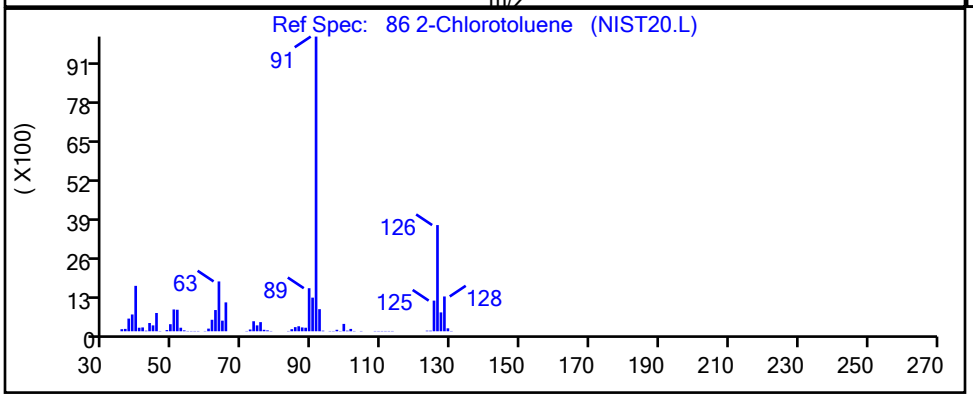
Processing Results











RT	Mass	Response	Amount
21.64	91.00	26097	0.153248
21.63	63.00	8869	

Reviewer: F7XK, 18-Aug-2025 09:55:48 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

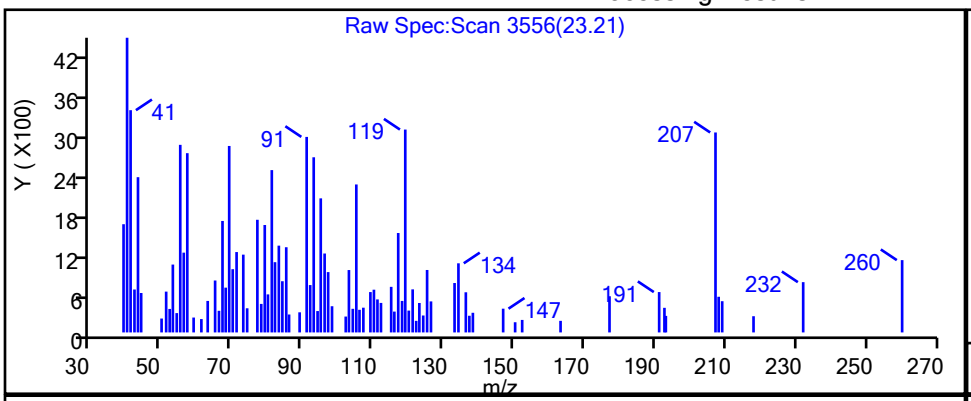
User Disabled Compound Report

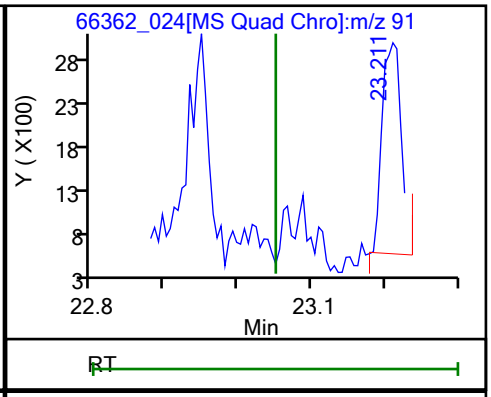
Eurofins Burlington

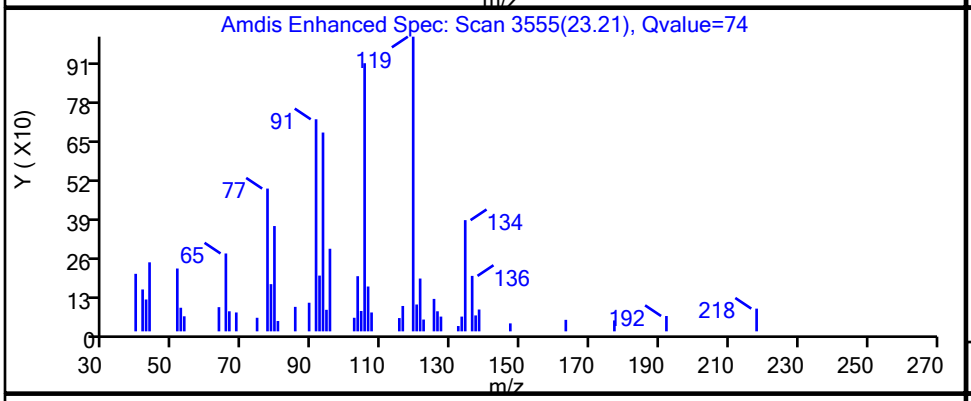
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_024.D				
Injection Date:	16-Aug-2025 02:58:41	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-1	Lab Sample ID:	200-78914-1		
Client ID:	SVE_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	40.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

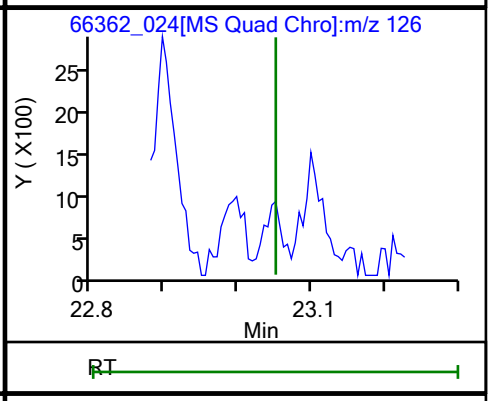
97 Benzyl chloride, CAS: 100-44-7

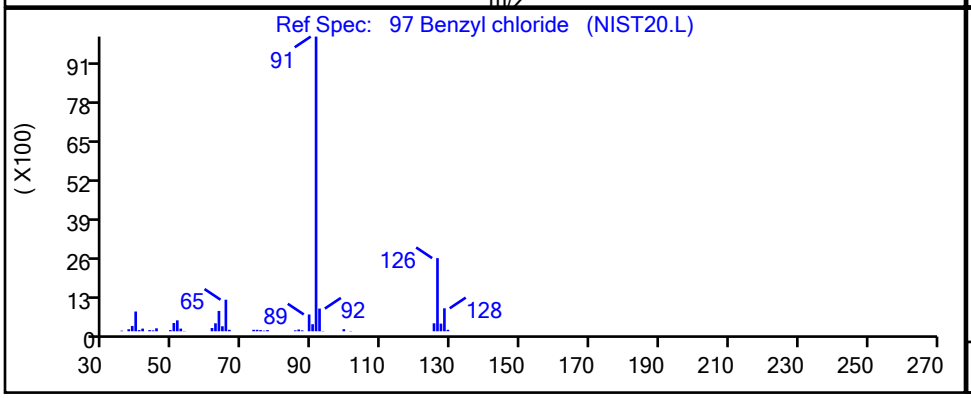
Processing Results

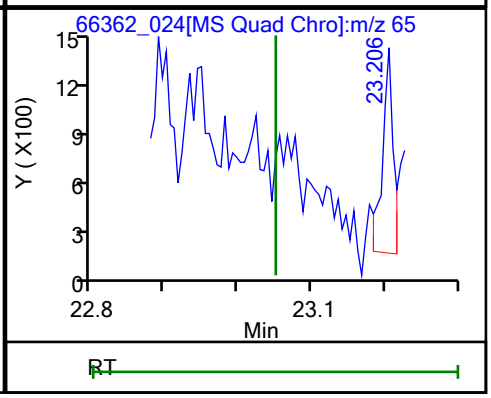












RT	Mass	Response	Amount
23.21	91.00	4631	0.028215
23.05	126.00	0	
23.21	65.00	1313	

Reviewer: F7XK, 18-Aug-2025 09:56:16 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-78914-1

SDG No.:

Client Sample ID: SVE_EFF_20250814 | Lab Sample ID: 200-78914-2

Matrix: Air | Lab File ID: 66362_025.D

Analysis Method: TO-15 | Date Collected: 08/14/2025 11:45

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2025 03:50

Soil Aliquot Vol: | Dilution Factor: 20

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 219230 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	10	U	10	4.4
75-45-6	Freon 22	86.47	10	U	10	7.2
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	4.0	U	4.0	1.5
74-87-3	Chloromethane	50.49	10	U	10	6.6
106-97-8	n-Butane	58.12	660		10	6.2
75-01-4	Vinyl chloride	62.50	4.0	U	4.0	0.58
106-99-0	1,3-Butadiene	54.09	4.0	U	4.0	0.80
74-83-9	Bromomethane	94.94	4.0	U	4.0	1.2
75-00-3	Chloroethane	64.52	10	U	10	3.2
593-60-2	Bromoethene(Vinyl Bromide)	106.96	4.0	U	4.0	0.96
75-69-4	Trichlorofluoromethane	137.37	4.0	U	4.0	1.5
76-13-1	Freon TF	187.38	4.0	U	4.0	1.1
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	0.70
67-64-1	Acetone	58.08	100	U	100	38
67-63-0	Isopropyl alcohol	60.10	100	U	100	44
75-15-0	Carbon disulfide	76.14	10	U	10	3.6
107-05-1	3-Chloropropene	76.53	10	U	10	1.6
75-09-2	Methylene Chloride	84.93	10	U	10	3.8
75-65-0	tert-Butyl alcohol	74.12	100	U	100	32
1634-04-4	Methyl tert-butyl ether	88.15	4.0	U	4.0	1.3
156-60-5	trans-1,2-Dichloroethene	96.94	1.8	J	4.0	0.40
110-54-3	n-Hexane	86.17	5.5	J	10	3.2
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.36
78-93-3	Methyl Ethyl Ketone	72.11	10	U	10	2.8
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	0.64
540-59-0	1,2-Dichloroethene, Total	96.94	1.8	J	8.0	0.40
67-66-3	Chloroform	119.38	4.0	U	4.0	1.2
109-99-9	Tetrahydrofuran	72.11	100	U	100	34
71-55-6	1,1,1-Trichloroethane	133.41	4.0	U	4.0	1.5
110-82-7	Cyclohexane	84.16	6.2		4.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SVE_EFF_20250814 Lab Sample ID: 200-78914-2

Matrix: Air Lab File ID: 66362_025.D

Analysis Method: TO-15 Date Collected: 08/14/2025 11:45

Sample wt/vol: 10(mL) Date Analyzed: 08/16/2025 03:50

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.62	J	4.0	0.48
540-84-1	2,2,4-Trimethylpentane	114.23	130		4.0	1.4
71-43-2	Benzene	78.11	3.5	J	4.0	1.0
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	1.5
142-82-5	n-Heptane	100.21	11		4.0	1.7
79-01-6	Trichloroethene	131.39	4.0	U	4.0	0.58
80-62-6	Methyl methacrylate	100.12	10	U	10	2.6
78-87-5	1,2-Dichloropropane	112.99	4.0	U	4.0	1.1
123-91-1	1,4-Dioxane	88.11	100	U	100	3.8
75-27-4	Bromodichloromethane	163.83	4.0	U	4.0	1.2
10061-01-5	cis-1,3-Dichloropropene	110.97	4.0	U	4.0	1.1
108-10-1	methyl isobutyl ketone	100.16	10	U	10	3.8
108-88-3	Toluene	92.14	13		4.0	1.1
10061-02-6	trans-1,3-Dichloropropene	110.97	4.0	U	4.0	1.2
79-00-5	1,1,2-Trichloroethane	133.41	4.0	U	4.0	1.1
127-18-4	Tetrachloroethene	165.83	4.0	U	4.0	0.72
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10	U	10	4.0
124-48-1	Dibromochloromethane	208.28	4.0	U	4.0	1.1
106-93-4	1,2-Dibromoethane	187.87	4.0	U	4.0	0.90
108-90-7	Chlorobenzene	112.56	4.0	U	4.0	0.94
100-41-4	Ethylbenzene	106.17	2.1	J	4.0	1.0
179601-23-1	m,p-Xylene	106.17	65		10	0.28
95-47-6	Xylene, o-	106.17	34		4.0	1.4
1330-20-7	Xylene (total)	106.17	99		14	0.28
100-42-5	Styrene	104.15	4.0	U	4.0	1.1
75-25-2	Bromoform	252.75	4.0	U	4.0	1.2
98-82-8	Cumene	120.19	4.0	U	4.0	1.4
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.0	U	4.0	1.2
622-96-8	4-Ethyltoluene	120.20	7.6		4.0	1.4
108-67-8	1,3,5-Trimethylbenzene	120.20	25		4.0	1.4

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SVE_EFF_20250814 Lab Sample ID: 200-78914-2

Matrix: Air Lab File ID: 66362_025.D

Analysis Method: TO-15 Date Collected: 08/14/2025 11:45

Sample wt/vol: 10(mL) Date Analyzed: 08/16/2025 03:50

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-49-8	2-Chlorotoluene	126.59	4.0	U	4.0	1.2
95-63-6	1,2,4-Trimethylbenzene	120.20	10		4.0	1.6
99-87-6	4-Isopropyltoluene	134.22	4.0	U	4.0	1.6
541-73-1	1,3-Dichlorobenzene	147.00	4.0	U	4.0	1.3
106-46-7	1,4-Dichlorobenzene	147.00	4.0	U	4.0	1.4
100-44-7	Benzyl chloride	126.58	4.0	U	4.0	1.5
95-50-1	1,2-Dichlorobenzene	147.00	4.0	U	4.0	1.3
120-82-1	1,2,4-Trichlorobenzene	181.45	10	U	10	6.0
87-68-3	Hexachlorobutadiene	260.76	4.0	U	4.0	1.6
91-20-3	Naphthalene	128.17	10	U	10	2.2

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SVE_EFF_20250814 Lab Sample ID: 200-78914-2

Matrix: Air Lab File ID: 66362_025.D

Analysis Method: TO-15 Date Collected: 08/14/2025 11:45

Sample wt/vol: 10(mL) Date Analyzed: 08/16/2025 03:50

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	49	U	49	22
75-45-6	Freon 22	86.47	35	U	35	25
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	28	U	28	11
74-87-3	Chloromethane	50.49	21	U	21	14
106-97-8	n-Butane	58.12	1600		24	15
75-01-4	Vinyl chloride	62.50	10	U	10	1.5
106-99-0	1,3-Butadiene	54.09	8.8	U	8.8	1.8
74-83-9	Bromomethane	94.94	16	U	16	4.8
75-00-3	Chloroethane	64.52	26	U	26	8.4
593-60-2	Bromoethene(Vinyl Bromide)	106.96	17	U	17	4.2
75-69-4	Trichlorofluoromethane	137.37	22	U	22	8.7
76-13-1	Freon TF	187.38	31	U	31	8.7
75-35-4	1,1-Dichloroethene	96.94	16	U	16	2.8
67-64-1	Acetone	58.08	240	U	240	90
67-63-0	Isopropyl alcohol	60.10	250	U	250	110
75-15-0	Carbon disulfide	76.14	31	U	31	11
107-05-1	3-Chloropropene	76.53	31	U	31	5.1
75-09-2	Methylene Chloride	84.93	35	U	35	13
75-65-0	tert-Butyl alcohol	74.12	300	U	300	97
1634-04-4	Methyl tert-butyl ether	88.15	14	U	14	4.8
156-60-5	trans-1,2-Dichloroethene	96.94	7.0	J	16	1.6
110-54-3	n-Hexane	86.17	19	J	35	11
75-34-3	1,1-Dichloroethane	98.96	16	U	16	1.5
78-93-3	Methyl Ethyl Ketone	72.11	29	U	29	8.3
156-59-2	cis-1,2-Dichloroethene	96.94	16	U	16	2.5
540-59-0	1,2-Dichloroethene, Total	96.94	7.1	J	32	1.6
67-66-3	Chloroform	119.38	20	U	20	5.8
109-99-9	Tetrahydrofuran	72.11	290	U	290	100
71-55-6	1,1,1-Trichloroethane	133.41	22	U	22	8.0
110-82-7	Cyclohexane	84.16	21		14	3.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SVE_EFF_20250814 Lab Sample ID: 200-78914-2

Matrix: Air Lab File ID: 66362_025.D

Analysis Method: TO-15 Date Collected: 08/14/2025 11:45

Sample wt/vol: 10(mL) Date Analyzed: 08/16/2025 03:50

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	3.9	J	25	3.0
540-84-1	2,2,4-Trimethylpentane	114.23	630		19	6.6
71-43-2	Benzene	78.11	11	J	13	3.3
107-06-2	1,2-Dichloroethane	98.96	16	U	16	6.0
142-82-5	n-Heptane	100.21	46		16	7.0
79-01-6	Trichloroethene	131.39	21	U	21	3.1
80-62-6	Methyl methacrylate	100.12	41	U	41	11
78-87-5	1,2-Dichloropropane	112.99	18	U	18	5.1
123-91-1	1,4-Dioxane	88.11	360	U	360	14
75-27-4	Bromodichloromethane	163.83	27	U	27	7.8
10061-01-5	cis-1,3-Dichloropropene	110.97	18	U	18	5.1
108-10-1	methyl isobutyl ketone	100.16	41	U	41	16
108-88-3	Toluene	92.14	51		15	4.1
10061-02-6	trans-1,3-Dichloropropene	110.97	18	U	18	5.6
79-00-5	1,1,2-Trichloroethane	133.41	22	U	22	5.8
127-18-4	Tetrachloroethene	165.83	27	U	27	4.9
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	41	U	41	16
124-48-1	Dibromochloromethane	208.28	34	U	34	9.0
106-93-4	1,2-Dibromoethane	187.87	31	U	31	6.9
108-90-7	Chlorobenzene	112.56	18	U	18	4.3
100-41-4	Ethylbenzene	106.17	9.3	J	17	4.4
179601-23-1	m,p-Xylene	106.17	280		43	1.2
95-47-6	Xylene, o-	106.17	150		17	6.0
1330-20-7	Xylene (total)	106.17	430		61	1.2
100-42-5	Styrene	104.15	17	U	17	4.8
75-25-2	Bromoform	252.75	41	U	41	12
98-82-8	Cumene	120.19	20	U	20	7.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	27	U	27	8.4
622-96-8	4-Ethyltoluene	120.20	37		20	6.7
108-67-8	1,3,5-Trimethylbenzene	120.20	120		20	6.7

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SVE_EFF_20250814 Lab Sample ID: 200-78914-2

Matrix: Air Lab File ID: 66362_025.D

Analysis Method: TO-15 Date Collected: 08/14/2025 11:45

Sample wt/vol: 10(mL) Date Analyzed: 08/16/2025 03:50

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: ____ % Solids: ____ Level: (low/med) Low

Analysis Batch No.: 219230 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-49-8	2-Chlorotoluene	126.59	21	U	21	6.0
95-63-6	1,2,4-Trimethylbenzene	120.20	50		20	8.1
99-87-6	4-Isopropyltoluene	134.22	22	U	22	8.6
541-73-1	1,3-Dichlorobenzene	147.00	24	U	24	7.6
106-46-7	1,4-Dichlorobenzene	147.00	24	U	24	8.4
100-44-7	Benzyl chloride	126.58	21	U	21	7.7
95-50-1	1,2-Dichlorobenzene	147.00	24	U	24	7.9
120-82-1	1,2,4-Trichlorobenzene	181.45	74	U	74	45
87-68-3	Hexachlorobutadiene	260.76	43	U	43	17
91-20-3	Naphthalene	128.17	52	U	52	12

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D
Lims ID: 200-78914-A-2
Client ID: SVE_EFF_20250813
Sample Type: Client
Inject. Date: 16-Aug-2025 03:50:01 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 20.0000
Sample Info: 200-0066362-025
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Aug-2025 10:20:01 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1609

First Level Reviewer: F7XK Date: 18-Aug-2025 10:07:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.455	4.460	-0.005	98	7279	0.0675	
3 Chlorodifluoromethane	51	4.487	4.487	-0.011	1	2445	0.0489	M
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.819				ND	
5 Chloromethane	50		4.931				ND	MU
6 Vinyl chloride	62		5.225				ND	
7 Butane	43	5.225	5.236	-0.005	95	1276757	33.1	
8 Butadiene	54		5.337				ND	MU
9 Bromomethane	94		6.054				ND	
10 Chloroethane	64		6.322				ND	
13 Vinyl bromide	106		6.739				ND	
14 Trichlorofluoromethane	101	6.916	6.910	0.011	96	4847	0.0386	
20 1,1-Dichloroethene	96		7.954				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.002				ND	
22 Acetone	43	8.028	8.018	0.026	97	33650	0.7099	
23 Isopropyl alcohol	45	8.317	8.285	0.032	98	15428	0.3406	
24 Carbon disulfide	76		8.360				ND	MU
26 3-Chloro-1-propene	41		8.633				ND	
27 Methylene Chloride	49	8.858	8.858	0.000	84	3229	0.0835	M
28 2-Methyl-2-propanol	59		9.045				ND	
30 trans-1,2-Dichloroethene	61	9.371	9.360	0.010	94	4953	0.0878	
31 Methyl tert-butyl ether	73		9.371				ND	
32 Hexane	57	9.890	9.884	0.005	91	14174	0.2734	
33 1,1-Dichloroethane	63		10.115				ND	
S 35 1,2-Dichloroethene, Total	61				0		0.0878	
36 2-Butanone (MEK)	72		11.062				ND	7
37 cis-1,2-Dichloroethene	96		11.105				ND	7
* 39 Chlorobromomethane	128	11.506	11.506	0.000	78	454486	10.0	
40 Tetrahydrofuran	42	11.575	11.554	0.021	53	5785	0.1602	
41 Chloroform	83	11.693	11.693	0.011	1	3133	0.0333	M
42 1,1,1-Trichloroethane	97		12.003				ND	
43 Cyclohexane	84	12.153	12.158	-0.005	88	17659	0.3086	
44 Carbon tetrachloride	117	12.292	12.287	0.005	71	3804	0.0308	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	12.624	12.629	0.000	94	22793	0.1753	
46 1,2-Dichloroethane	62		12.677				ND	
47 Isooctane	57	12.864	12.859	0.005	98	1182856	6.73	
48 n-Heptane	43	13.164	13.164	0.000	90	36085	0.5641	
* 49 1,4-Difluorobenzene	114	13.346	13.346	0.000	94	2290040	10.0	
51 Trichloroethene	95		13.785				ND	7
53 1,2-Dichloropropane	63		14.229				ND	
54 Methyl methacrylate	69		14.314				ND	MU
55 1,4-Dioxane	88		14.352				ND	
58 Dichlorobromomethane	83		14.689				ND	MU
59 cis-1,3-Dichloropropene	75		15.491				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.743				ND	MU
62 Toluene	92	16.144	16.144	0.000	92	65720	0.6729	
66 trans-1,3-Dichloropropene	75		16.540				ND	
67 1,1,2-Trichloroethane	83		16.909				ND	MU
68 Tetrachloroethene	166		17.139				ND	MU
69 2-Hexanone	43		17.316				ND	MU
70 Chlorodibromomethane	129		17.647				ND	
71 Ethylene Dibromide	107		17.888				ND	
* 73 Chlorobenzene-d5	117	18.808	18.808	0.000	87	2091581	10.0	
74 Chlorobenzene	112		18.867				ND	7
75 Ethylbenzene	91	19.070	19.065	0.005	70	23419	0.1067	M
76 m-Xylene & p-Xylene	106	19.316	19.321	-0.006	0	285143	3.27	
78 o-Xylene	106	20.097	20.097	-0.001	99	143084	1.69	
S 80 Xylenes, Total	106				0		4.95	
79 Styrene	104		20.130				ND	MU
81 Bromoform	173		20.456				ND	
82 Isopropylbenzene	105	20.793	20.793	0.000	91	6540	0.0255	M
83 1,1,2,2-Tetrachloroethane	83		21.285				ND	MU
86 2-Chlorotoluene	91		21.649				ND	MU
87 4-Ethyltoluene	105	21.702	21.702	0.000	99	95059	0.3794	
88 1,3,5-Trimethylbenzene	105	21.799	21.798	0.000	92	270207	1.26	
92 1,2,4-Trimethylbenzene	105	22.366	22.365	0.000	98	109779	0.5054	
94 1,3-Dichlorobenzene	146		22.772				ND	7
95 4-Isopropyltoluene	119	22.820	22.820	-0.001	93	10330	0.0373	
96 1,4-Dichlorobenzene	146		22.912				ND	7
97 Benzyl chloride	91		23.051				ND	MU
99 1,2-Dichlorobenzene	146		23.398				ND	
102 1,2,4-Trichlorobenzene	180		25.832				ND	
103 Hexachlorobutadiene	225		26.084				ND	
104 Naphthalene	128		26.303				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

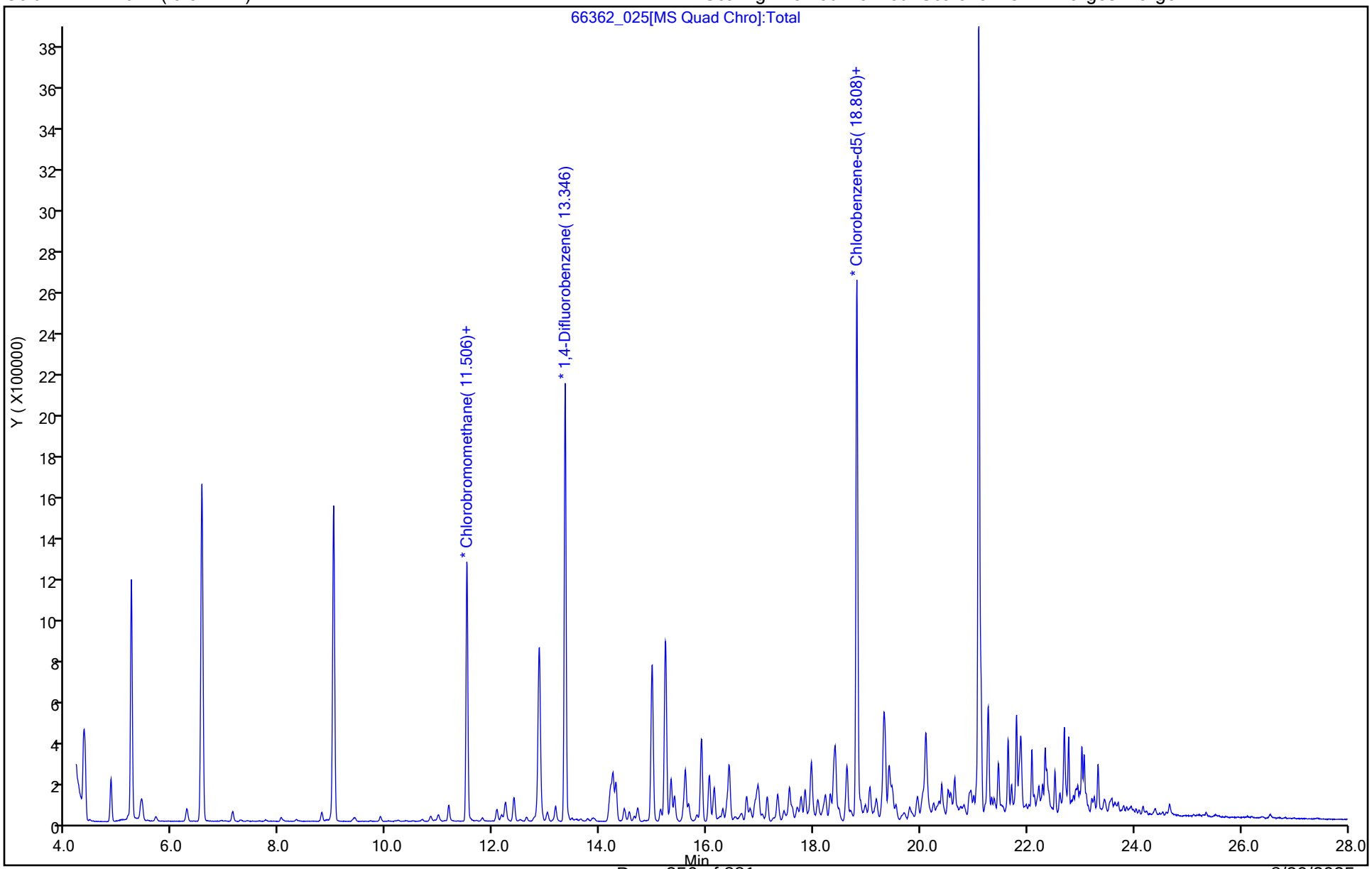
Report Date: 18-Aug-2025 10:20:01 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D

Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2	Worklist Smp#:	25
Client ID:	SVE_EFF_20250813				
Purge Vol:	200.000 mL	Dil. Factor:	20.0000	ALS Bottle#:	24
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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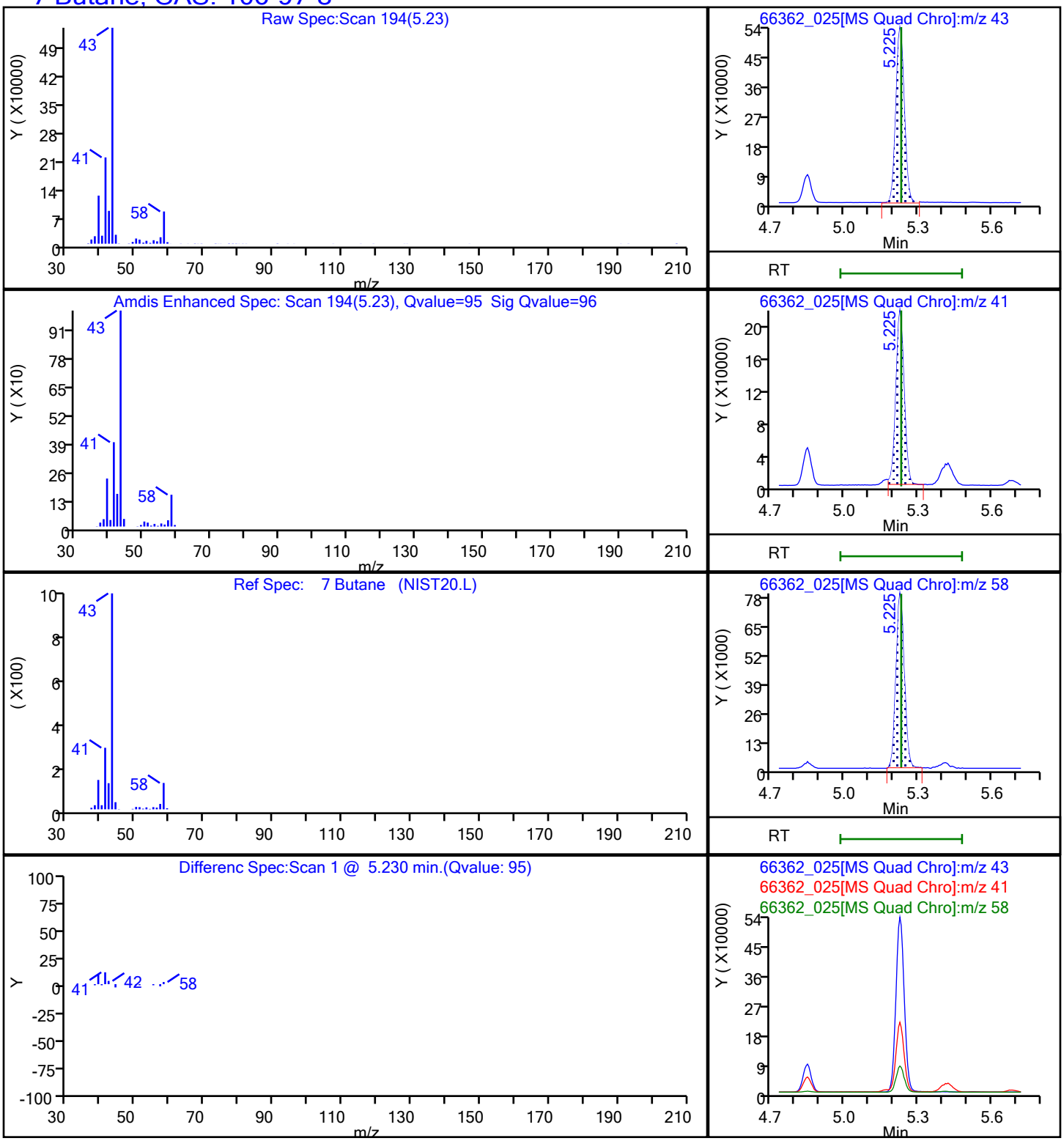
Report Date: 18-Aug-2025 10:20:01 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D

Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

7 Butane, CAS: 106-97-8



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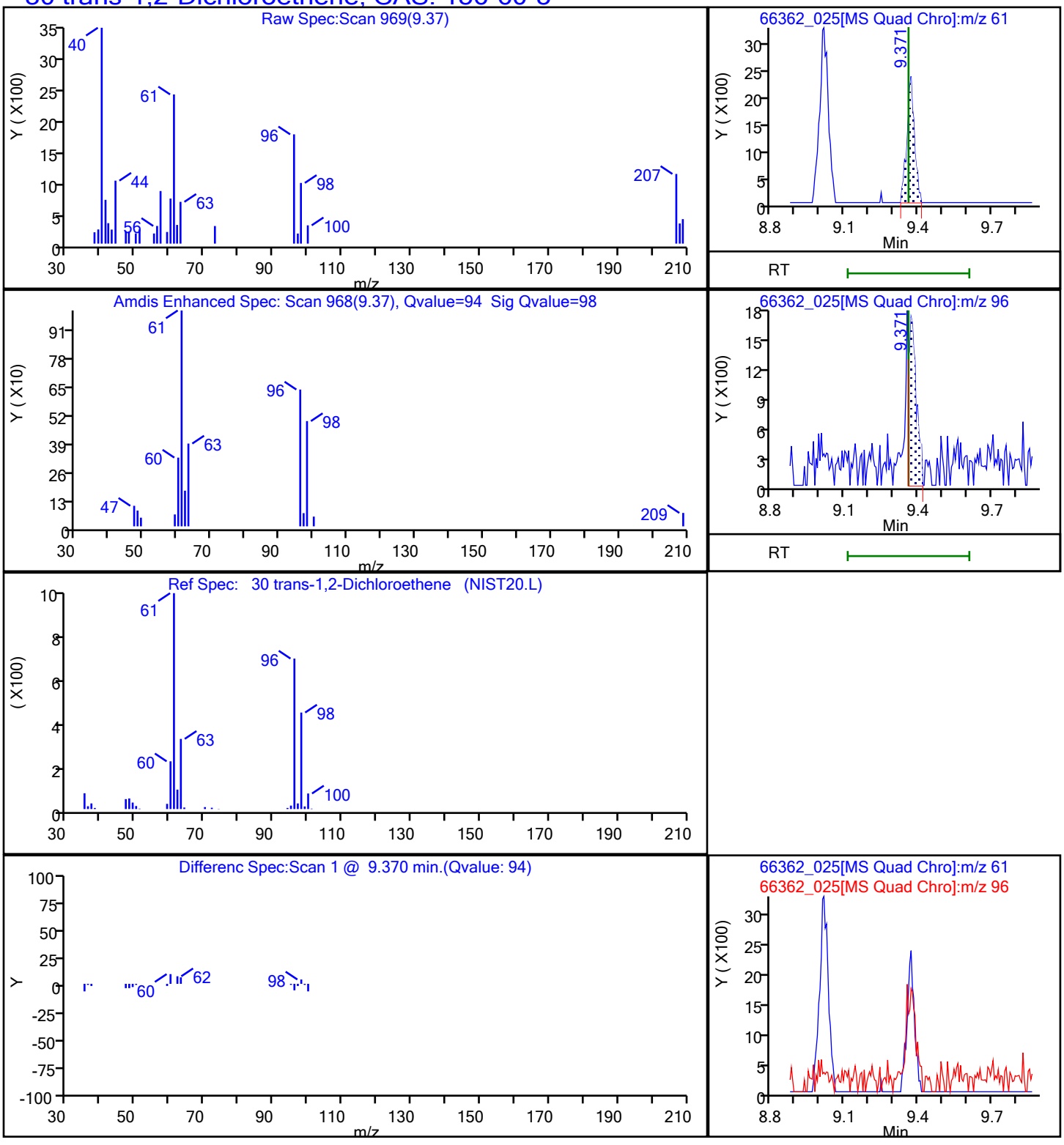
Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 trans-1,2-Dichloroethene, CAS: 156-60-5



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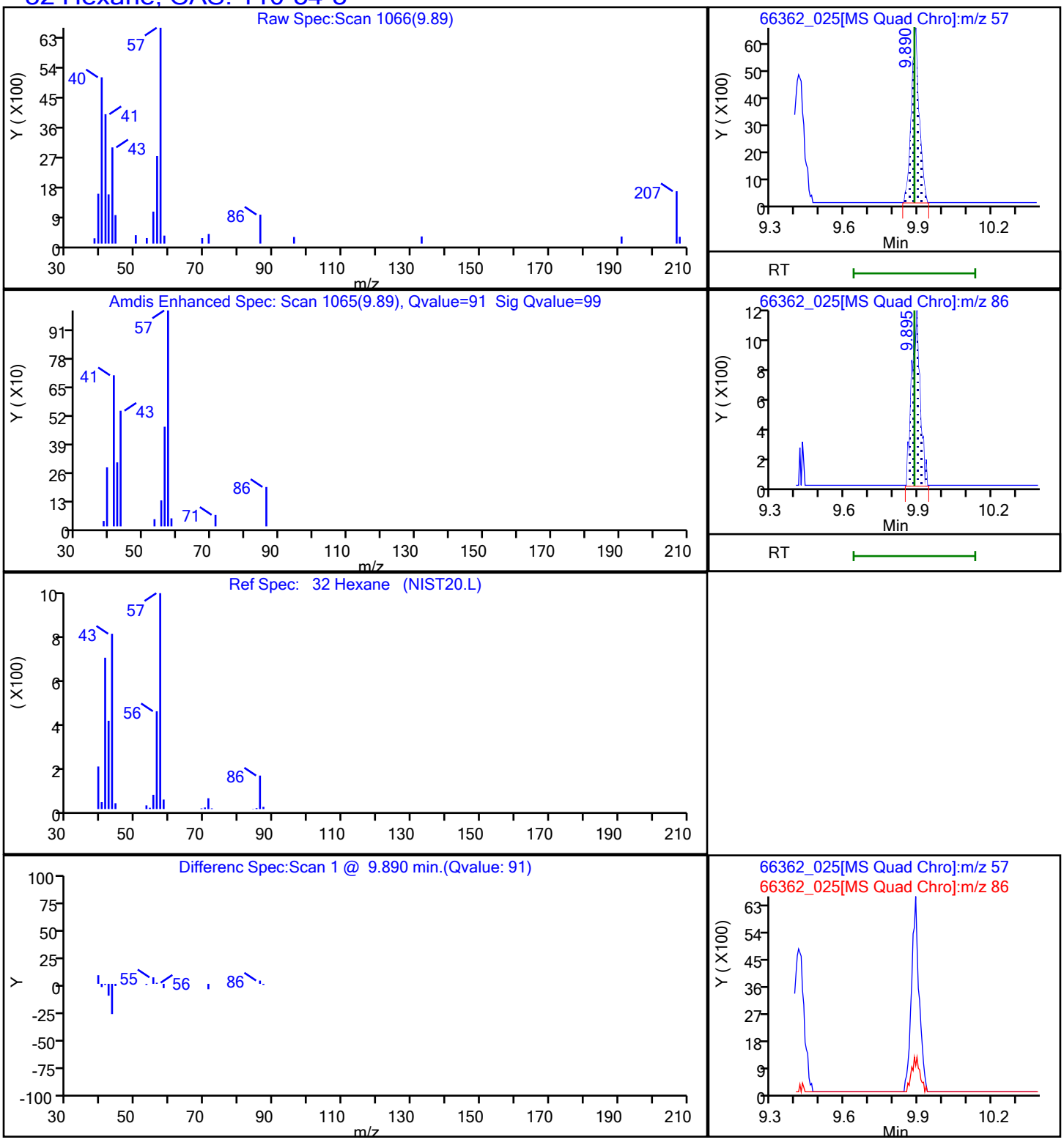
Report Date: 18-Aug-2025 10:20:01 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 Hexane, CAS: 110-54-3



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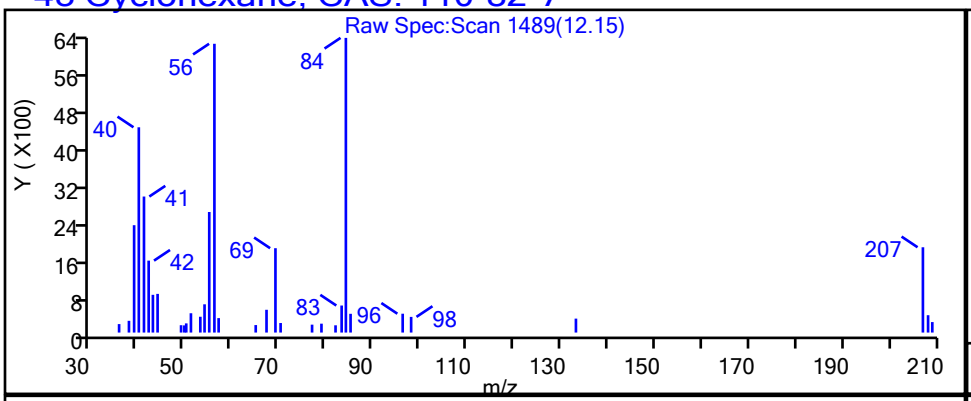
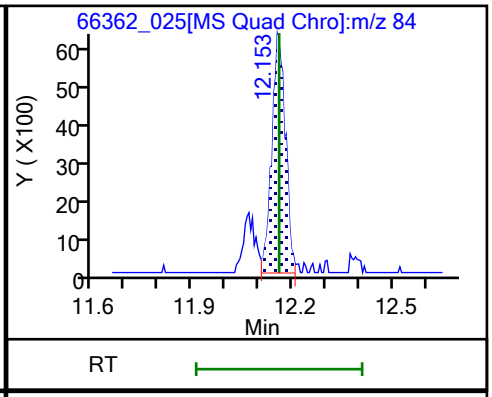
Report Date: 18-Aug-2025 10:20:02 Chrom Revision: 2.3 13-Aug-2025 14:00:00

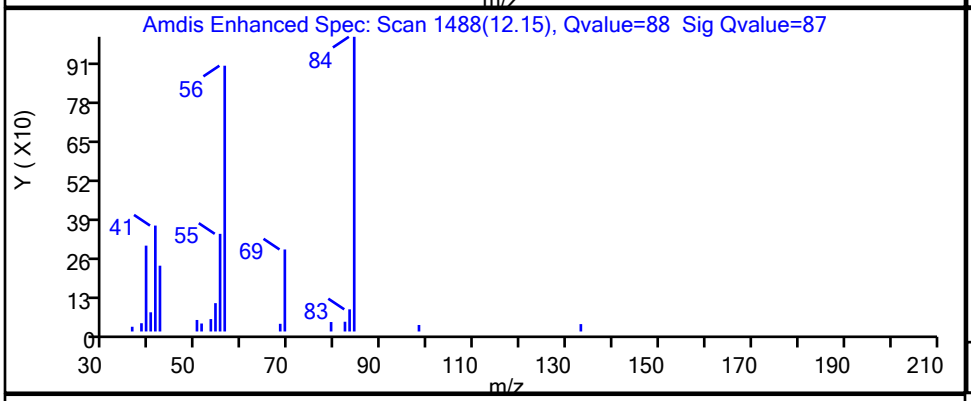
Eurofins Burlington

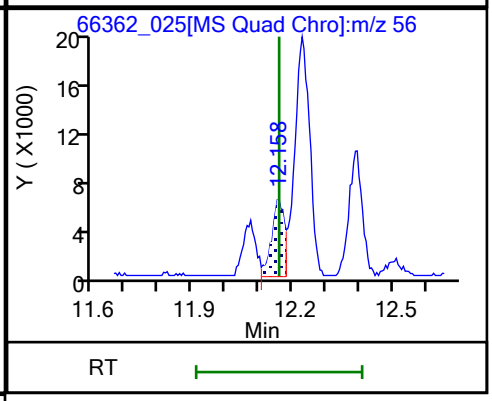
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

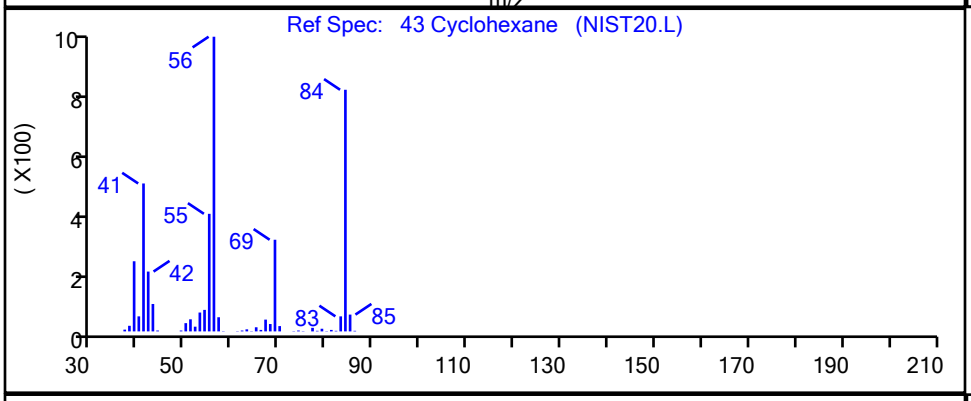
43 Cyclohexane, CAS: 110-82-7

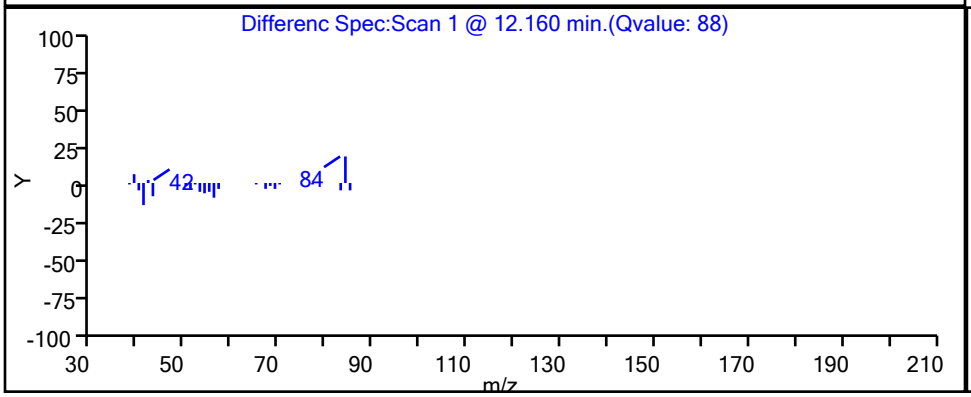


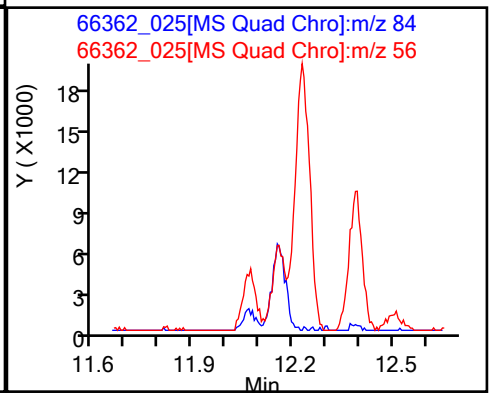








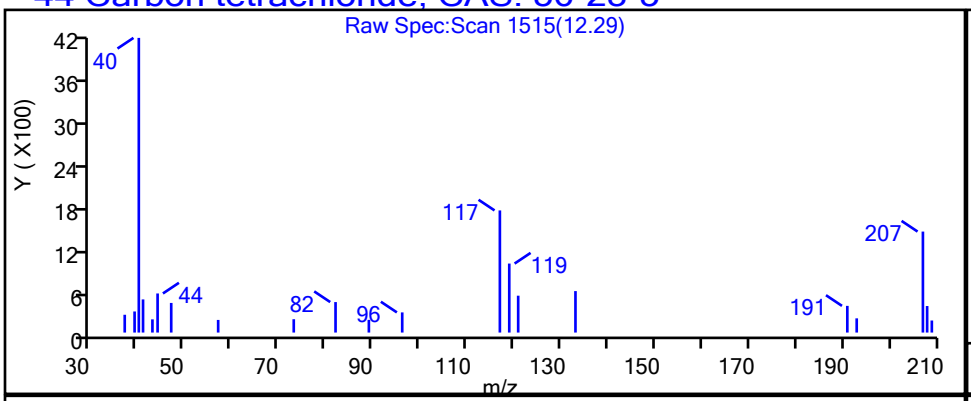


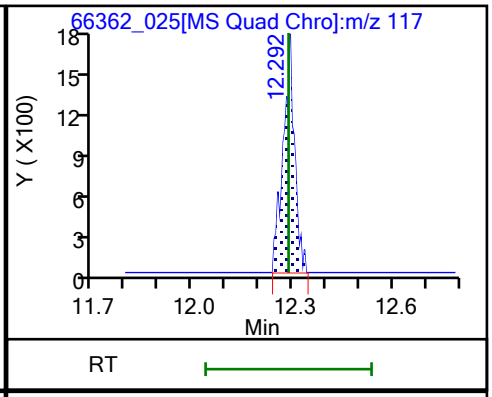


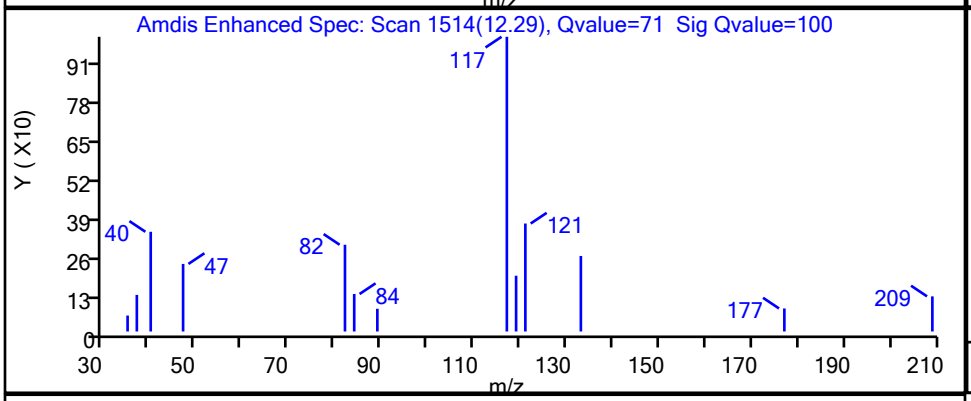
Eurofins Burlington

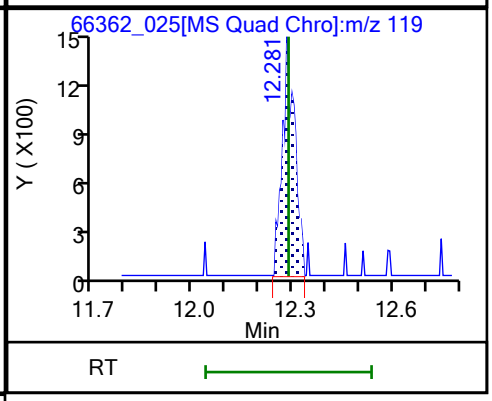
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D
Injection Date: 16-Aug-2025 03:50:01 Instrument ID: CHAN.i
Lims ID: 200-78914-A-2 Lab Sample ID: 200-78914-2
Client ID: SVE_EFF_20250813
Operator ID: wrd ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 20.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

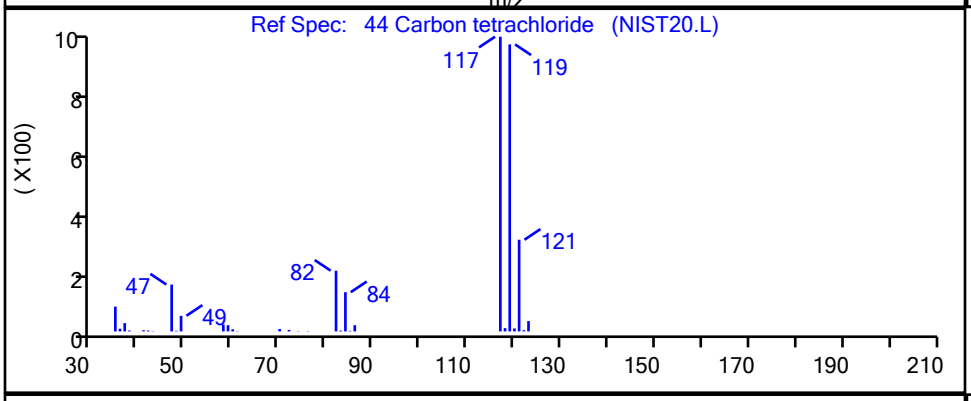
44 Carbon tetrachloride, CAS: 56-23-5

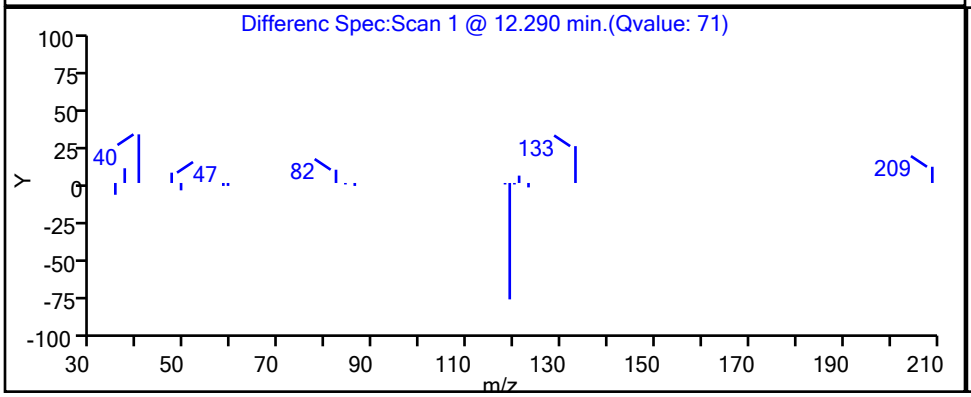


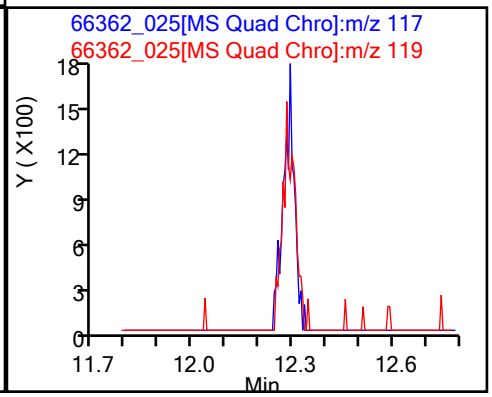








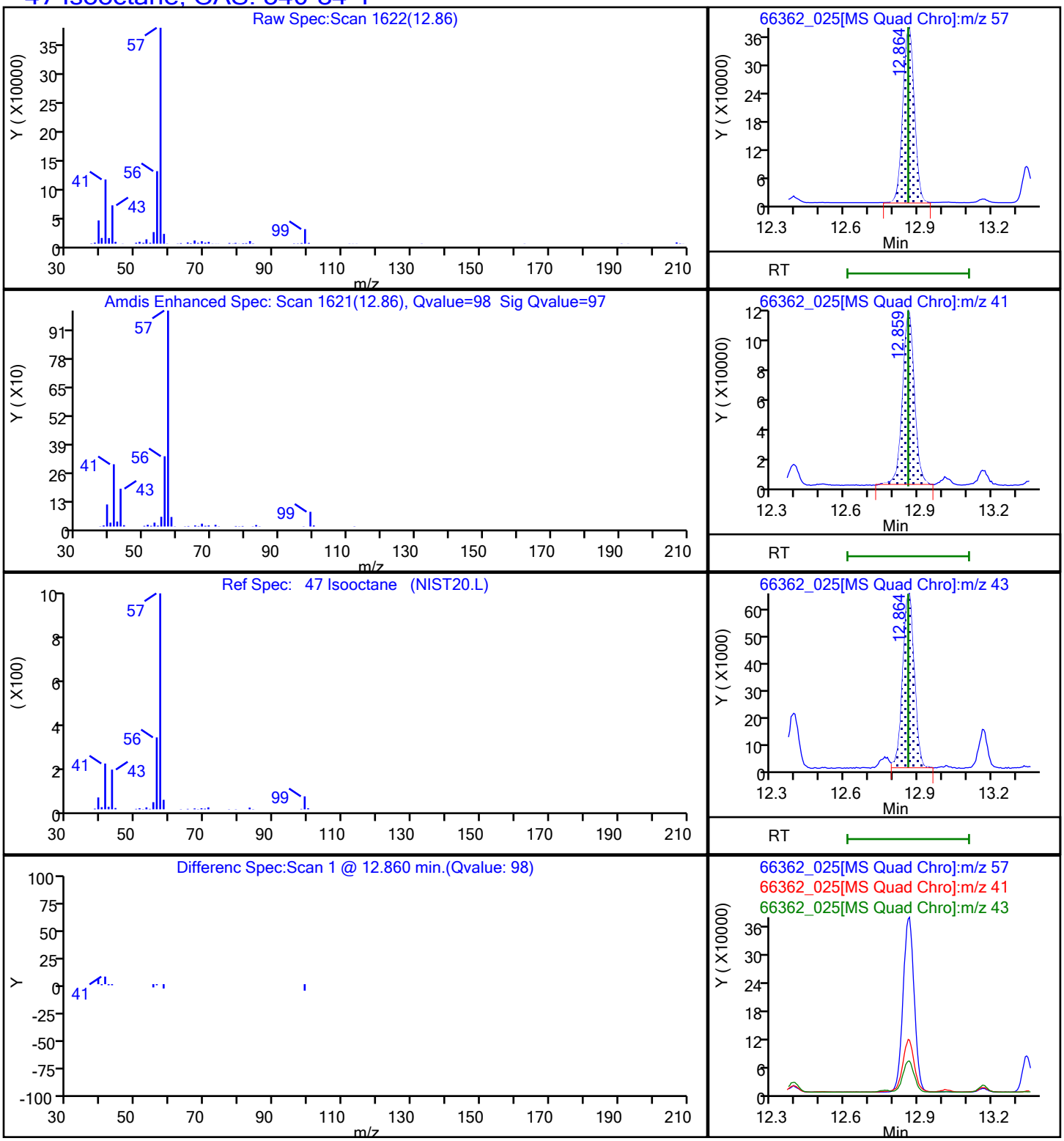




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D		
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2
Client ID:	SVE_EFF_20250813		
Operator ID:	wrd	ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

47 Isooctane, CAS: 540-84-1



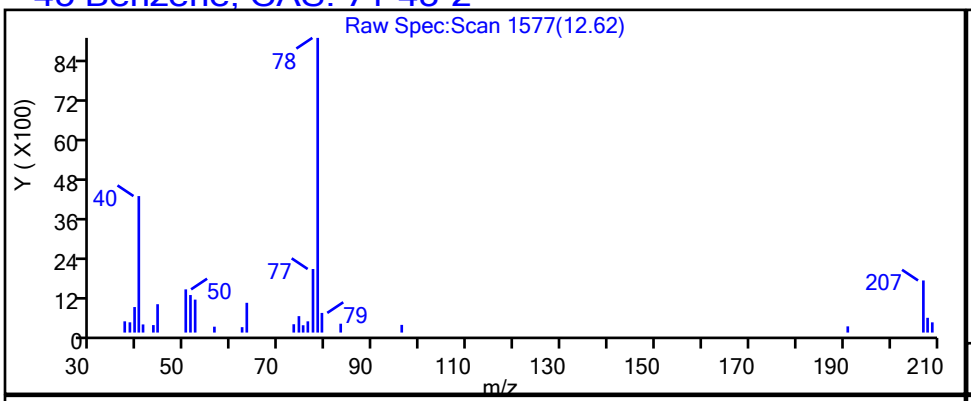
Report Date: 18-Aug-2025 10:20:02 Chrom Revision: 2.3 13-Aug-2025 14:00:00

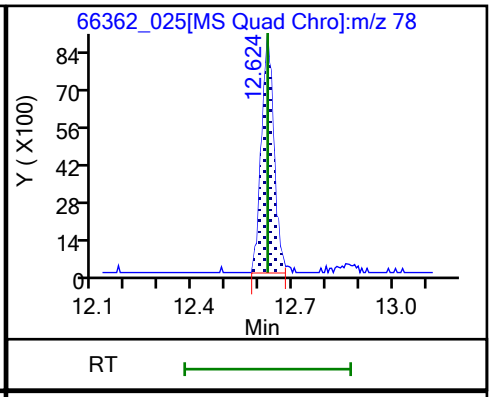
Eurofins Burlington

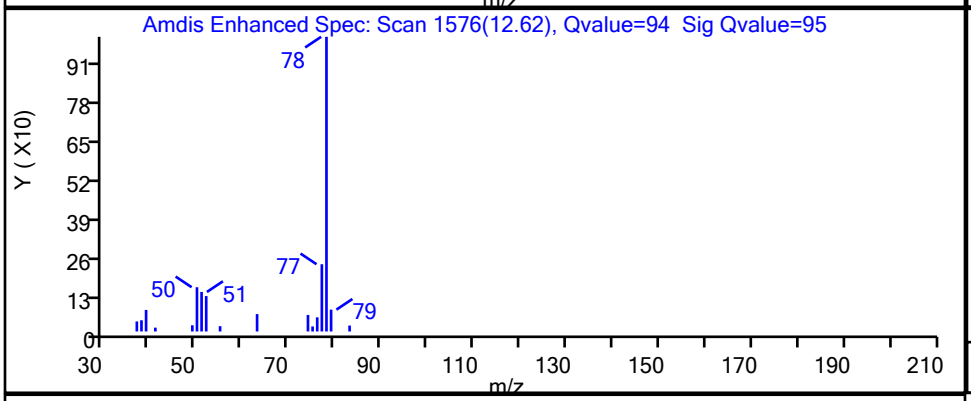
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D

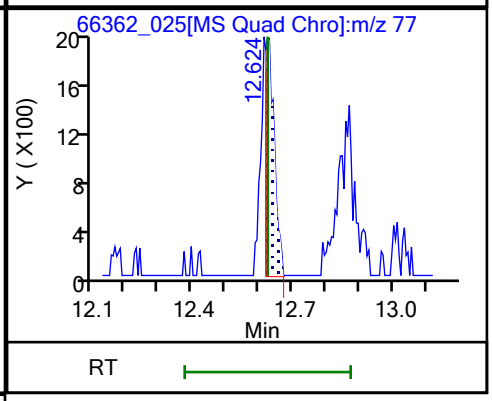
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

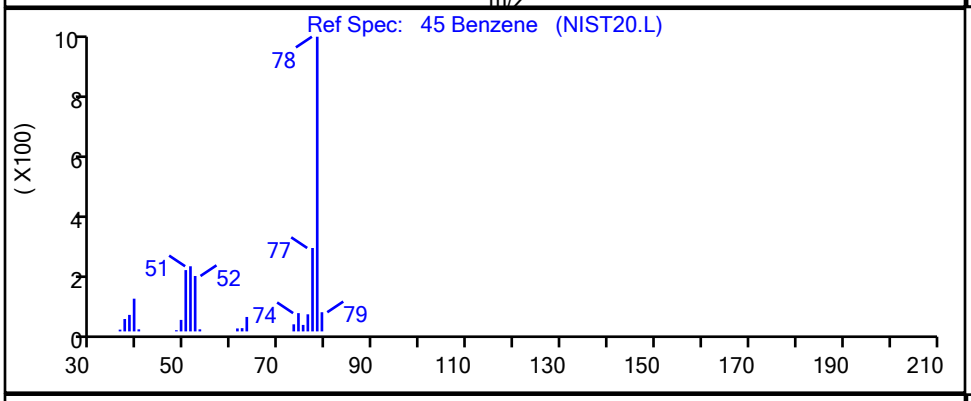
45 Benzene, CAS: 71-43-2

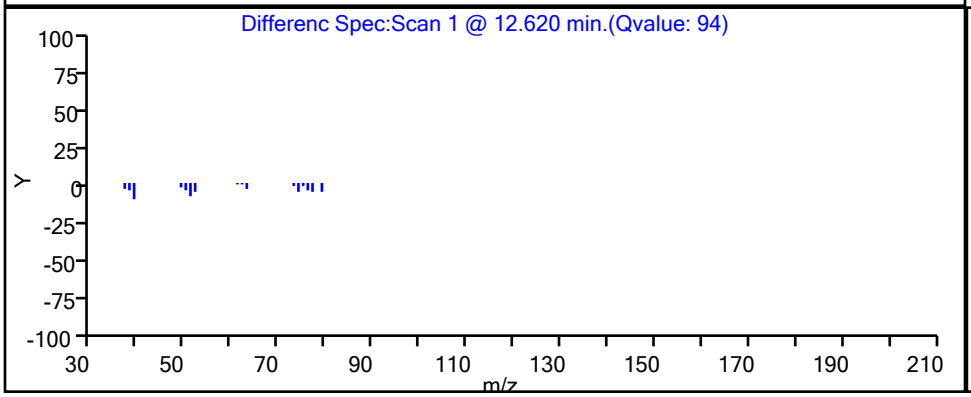


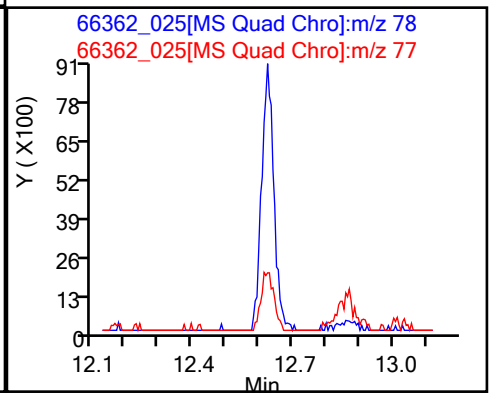








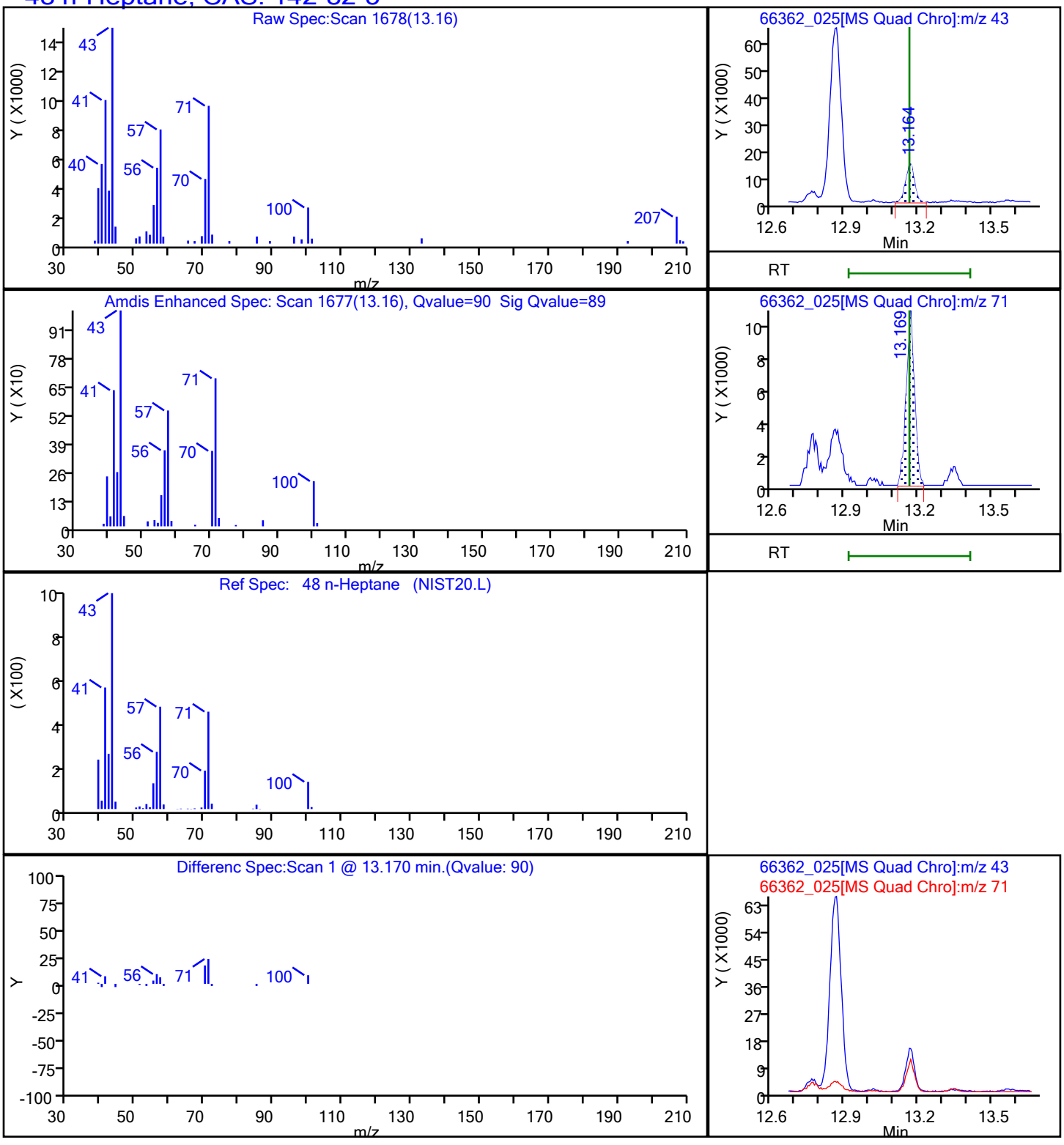




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

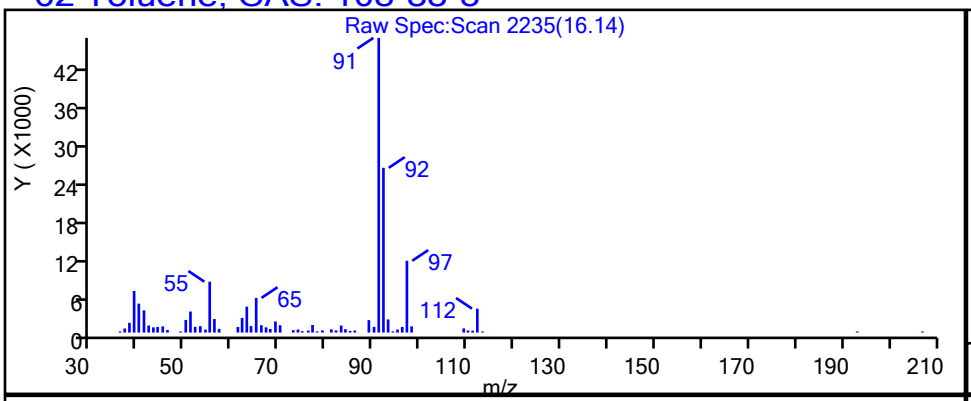
48 n-Heptane, CAS: 142-82-5

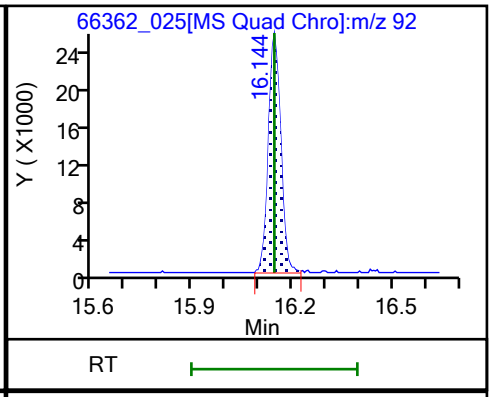


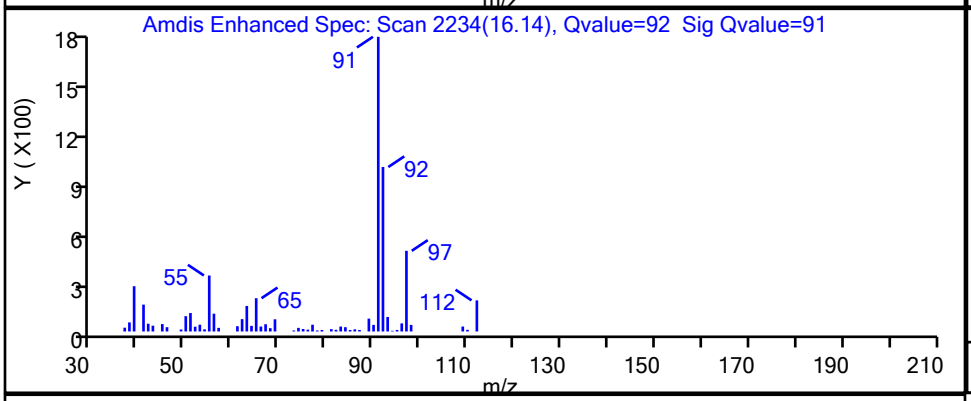
Eurofins Burlington

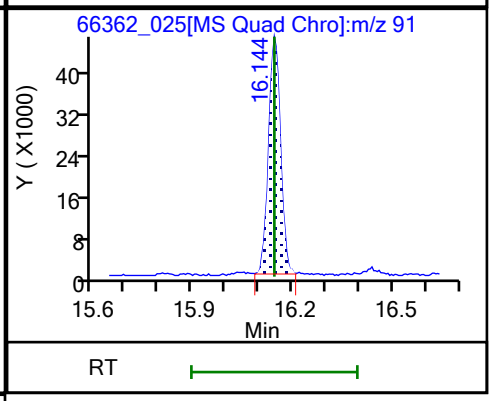
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D
Injection Date: 16-Aug-2025 03:50:01 Instrument ID: CHAN.i
Lims ID: 200-78914-A-2 Lab Sample ID: 200-78914-2
Client ID: SVE_EFF_20250813
Operator ID: wrd ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 20.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

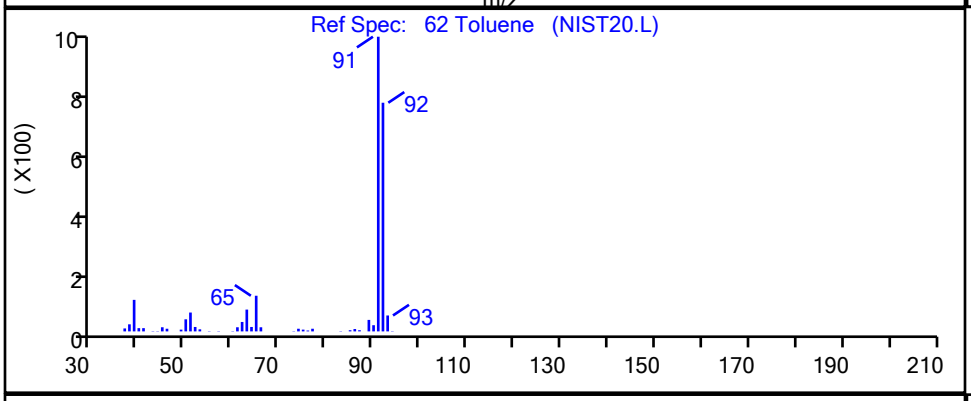
62 Toluene, CAS: 108-88-3

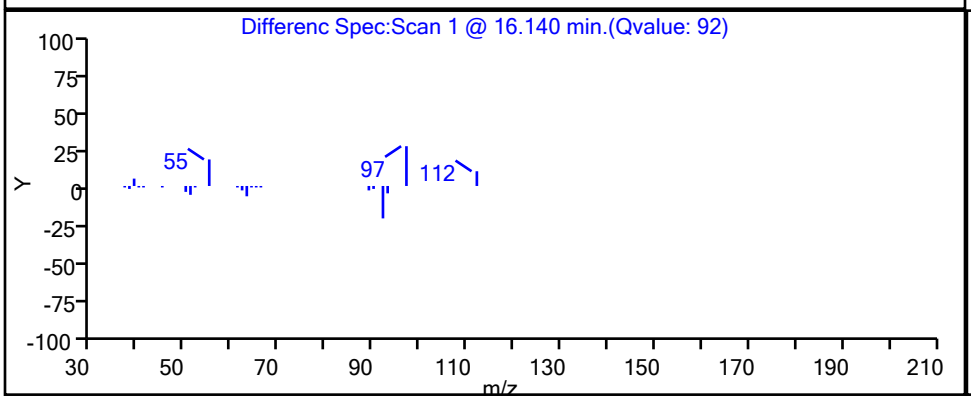


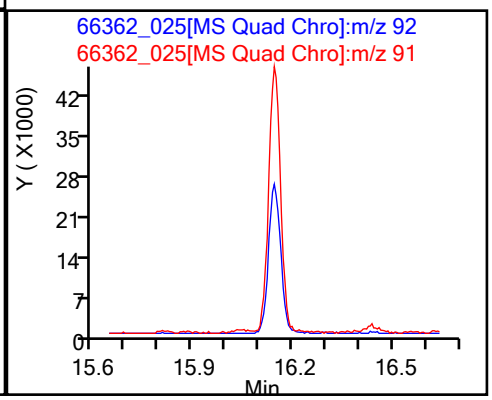








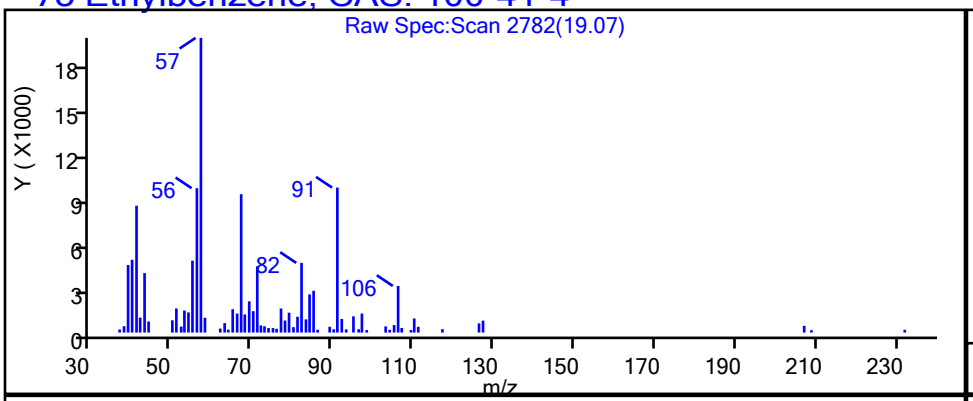


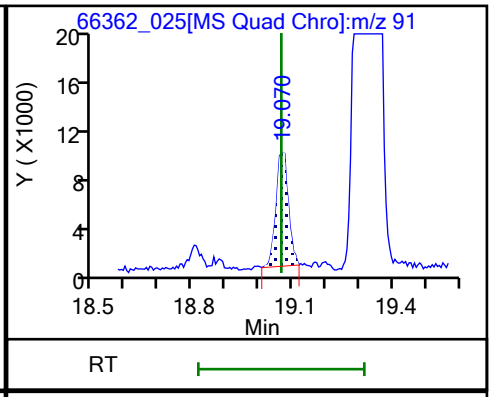


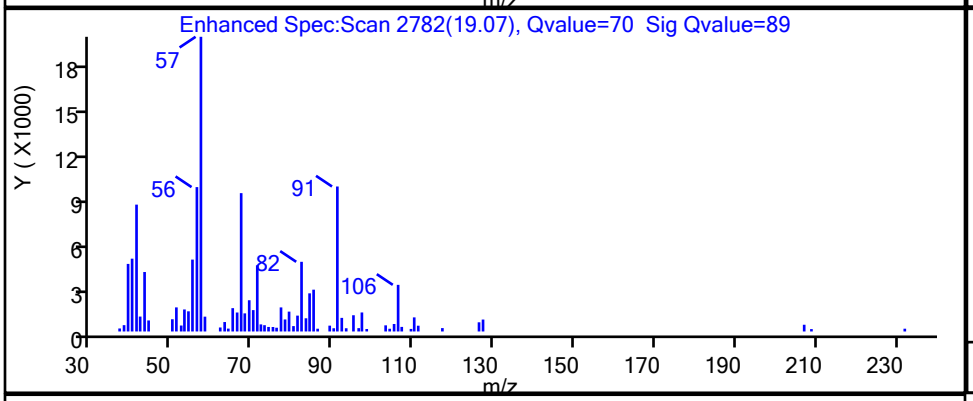
Eurofins Burlington

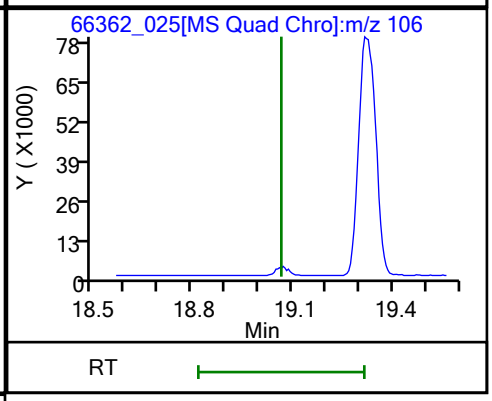
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D
Injection Date: 16-Aug-2025 03:50:01 Instrument ID: CHAN.i
Lims ID: 200-78914-A-2 Lab Sample ID: 200-78914-2
Client ID: SVE_EFF_20250813
Operator ID: wrd ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 20.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

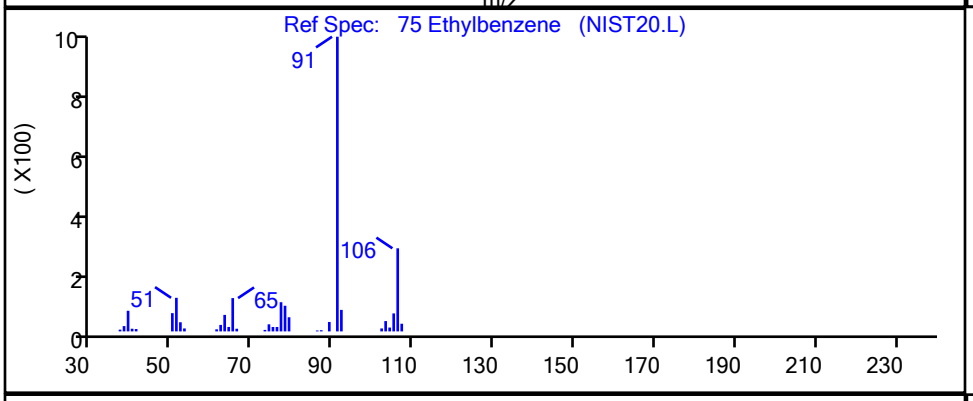
75 Ethylbenzene, CAS: 100-41-4

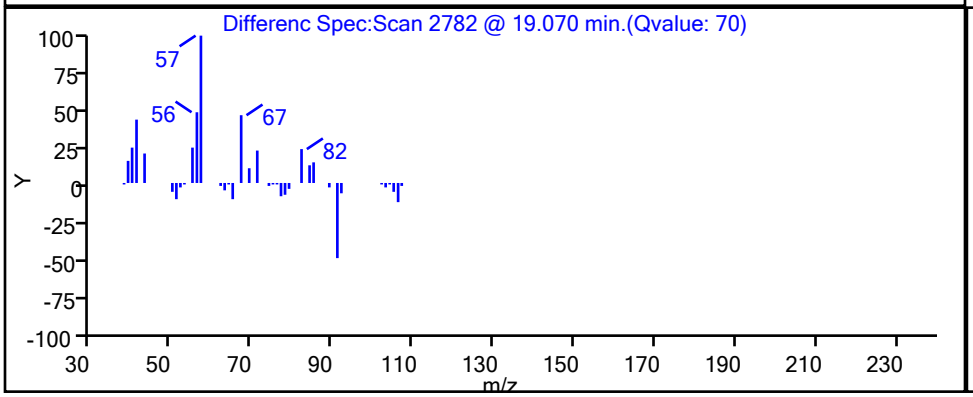


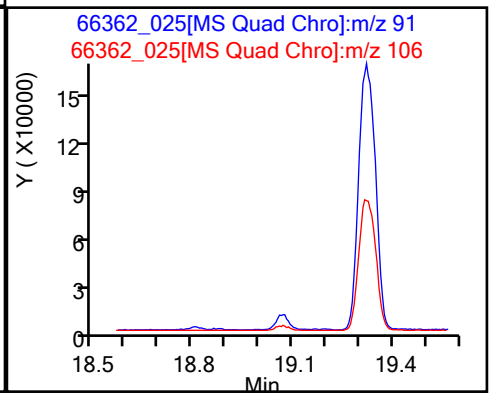










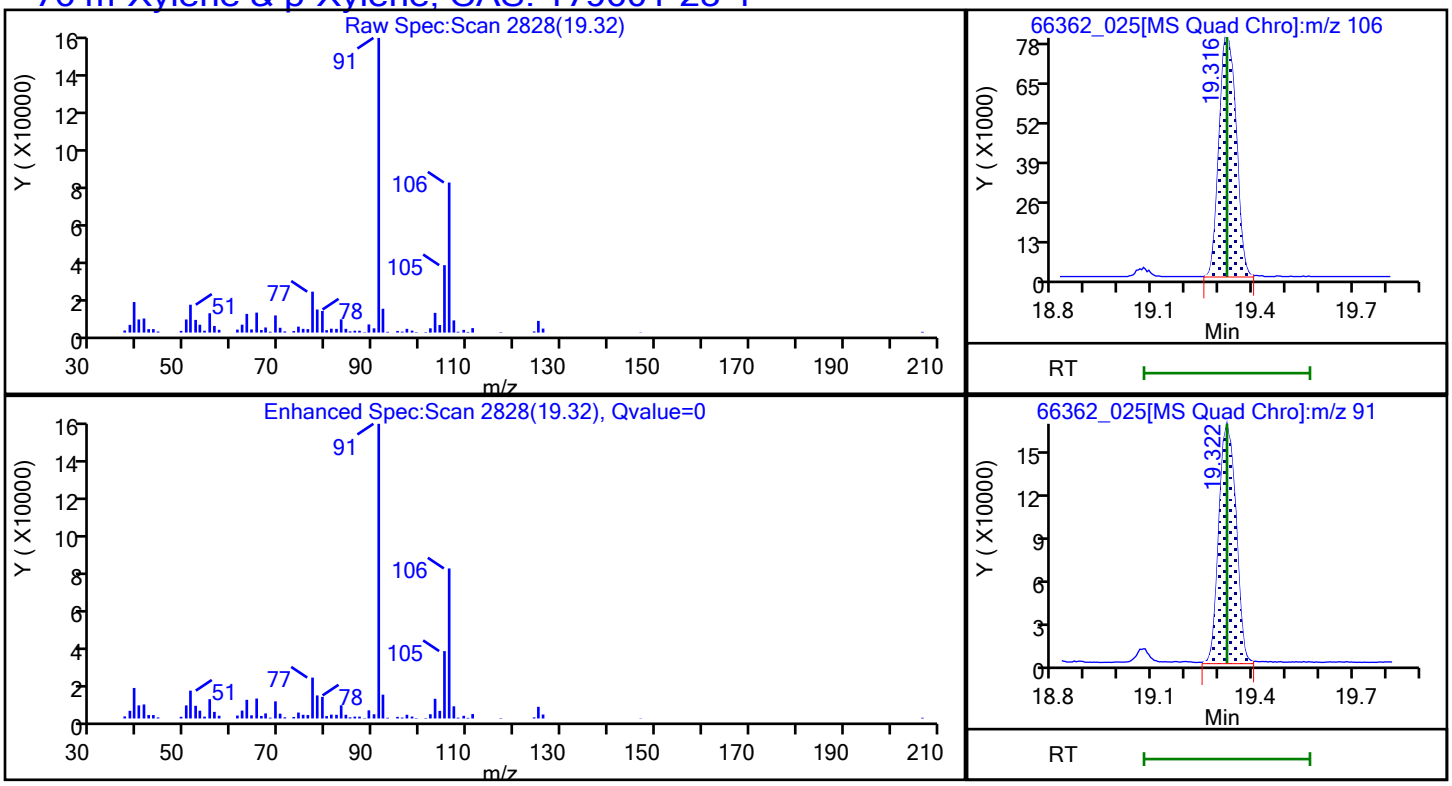


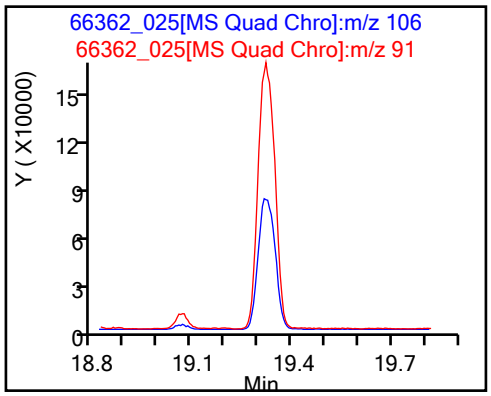
Report Date: 18-Aug-2025 10:20:02 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 m-Xylene & p-Xylene, CAS: 179601-23-1

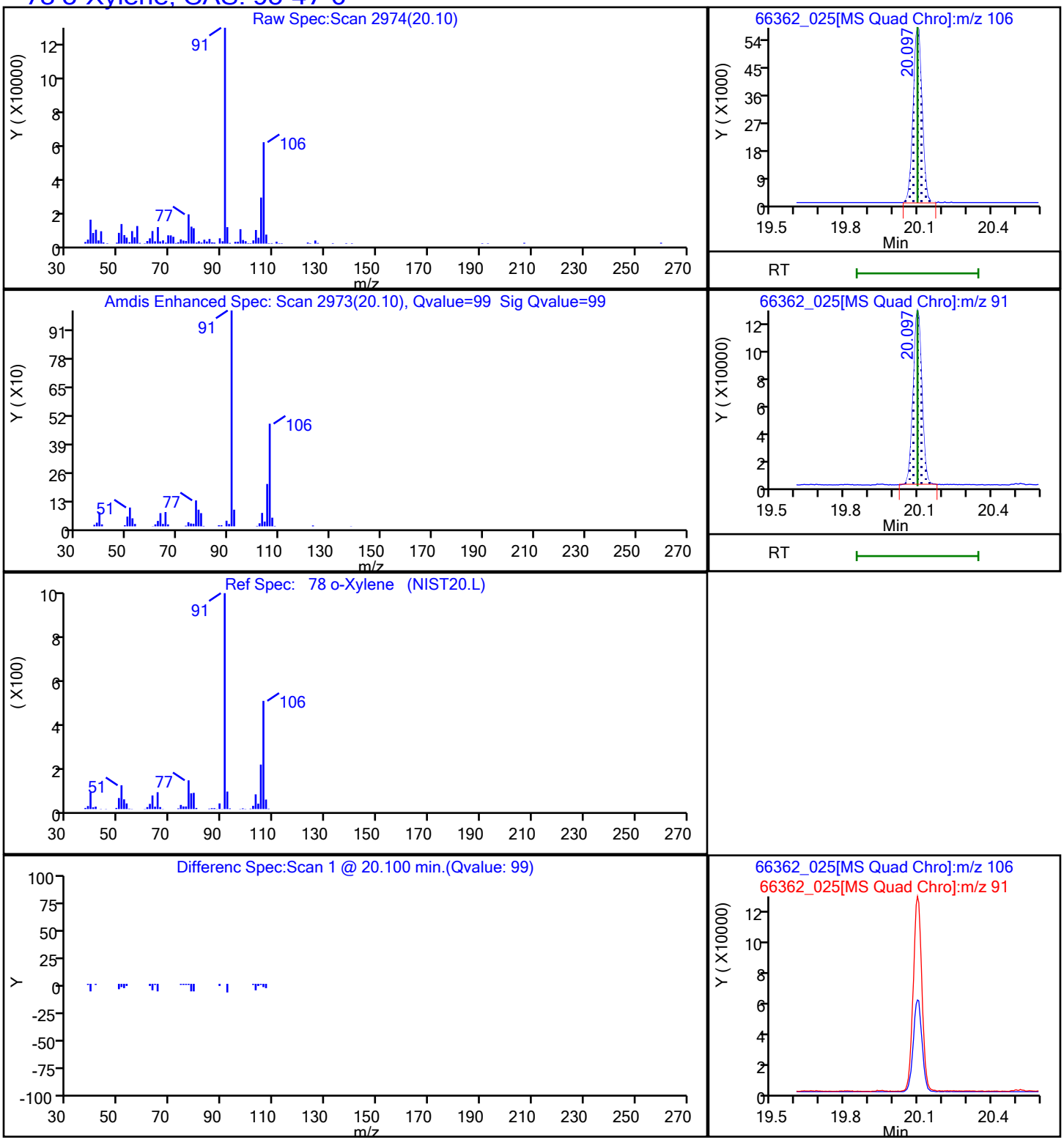




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 o-Xylene, CAS: 95-47-6

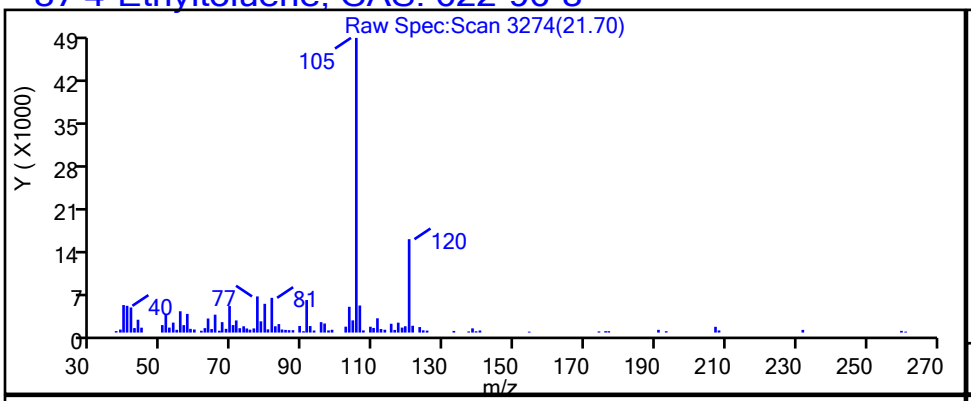


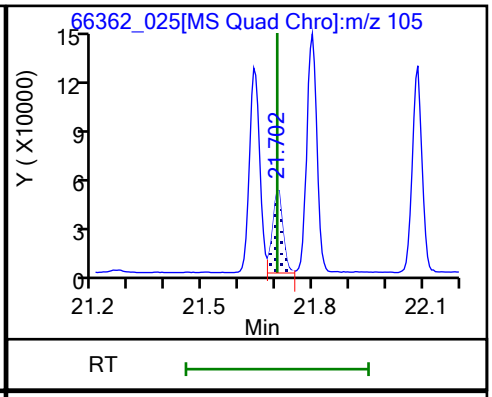
Report Date: 18-Aug-2025 10:20:02 Chrom Revision: 2.3 13-Aug-2025 14:00:00

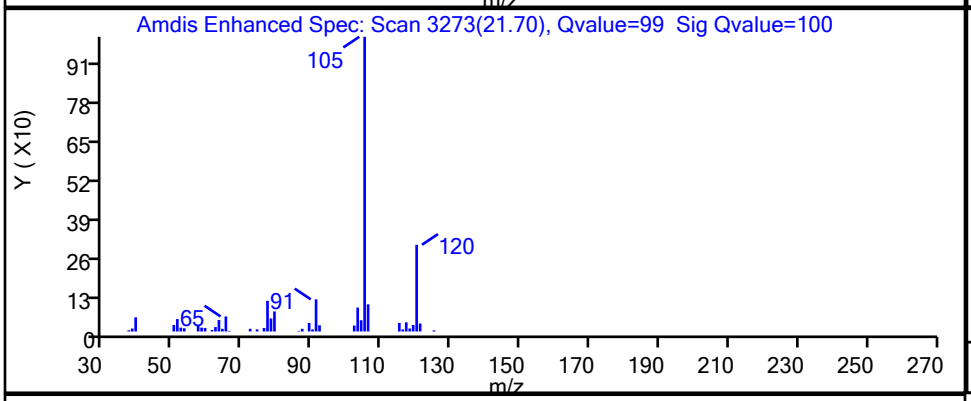
Eurofins Burlington

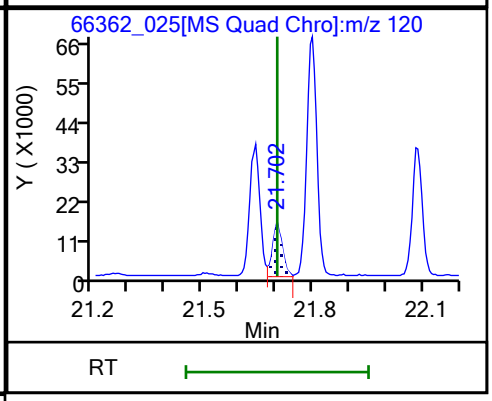
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

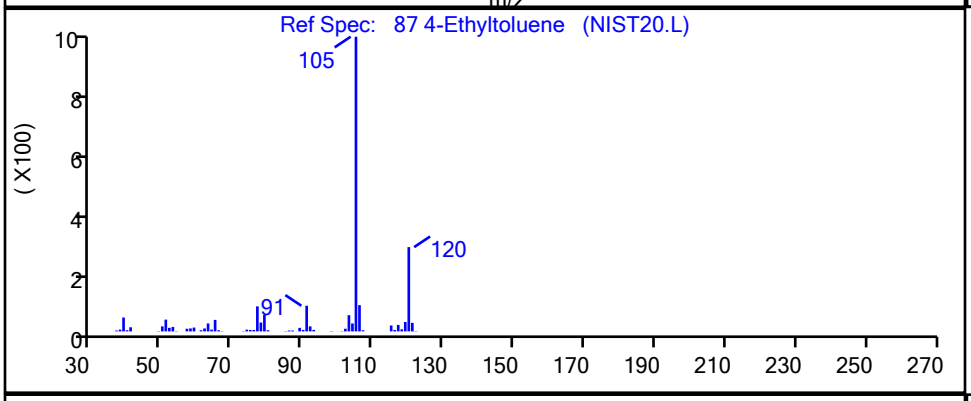
87 4-Ethyltoluene, CAS: 622-96-8

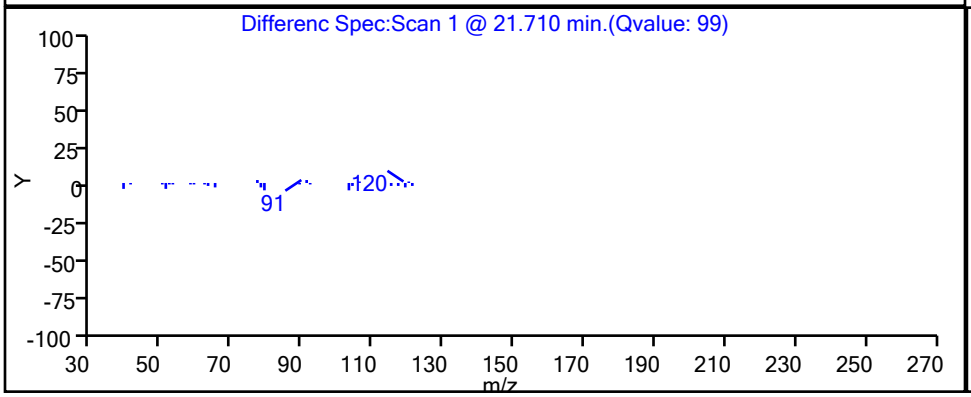


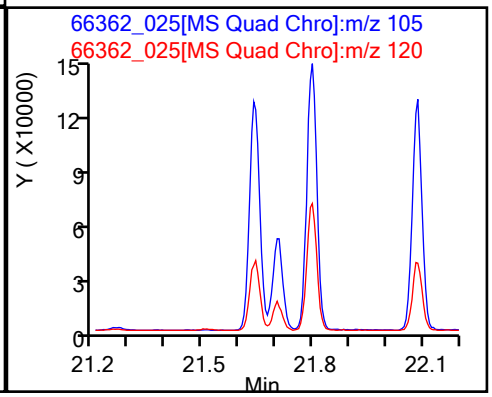








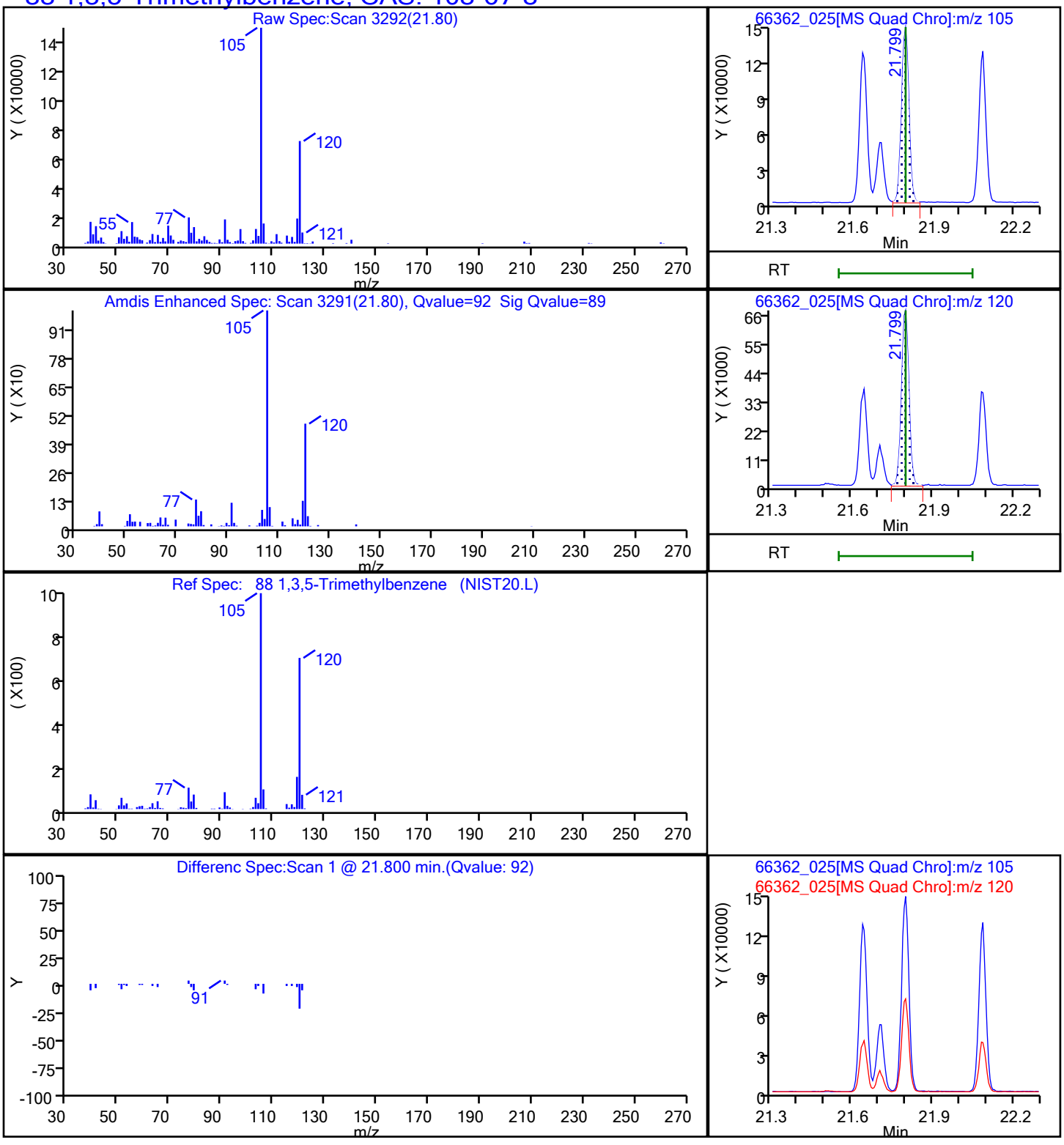




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

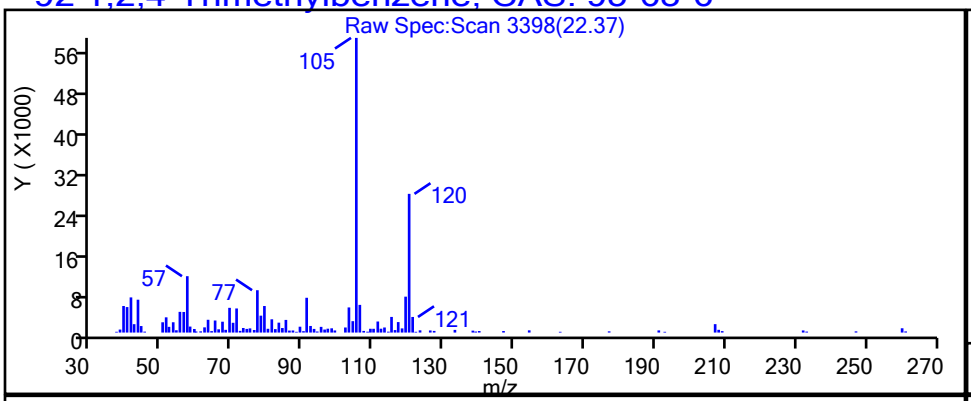
88 1,3,5-Trimethylbenzene, CAS: 108-67-8

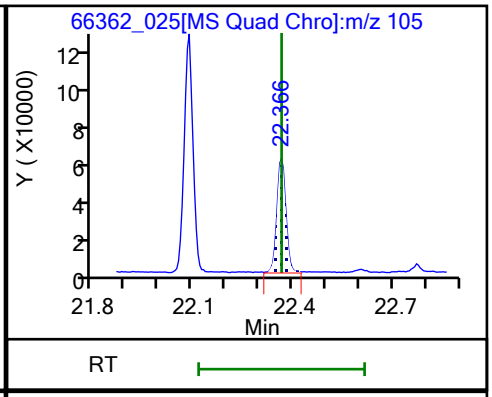


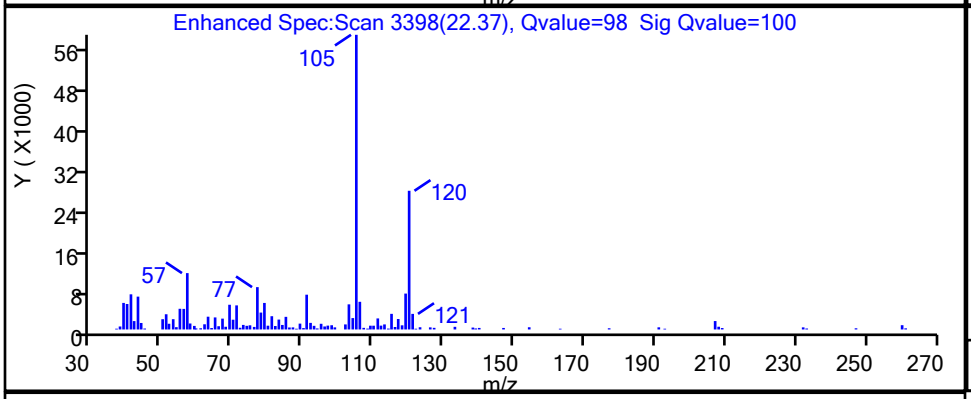
Eurofins Burlington

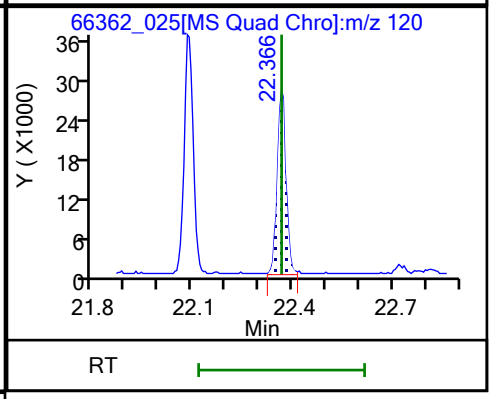
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

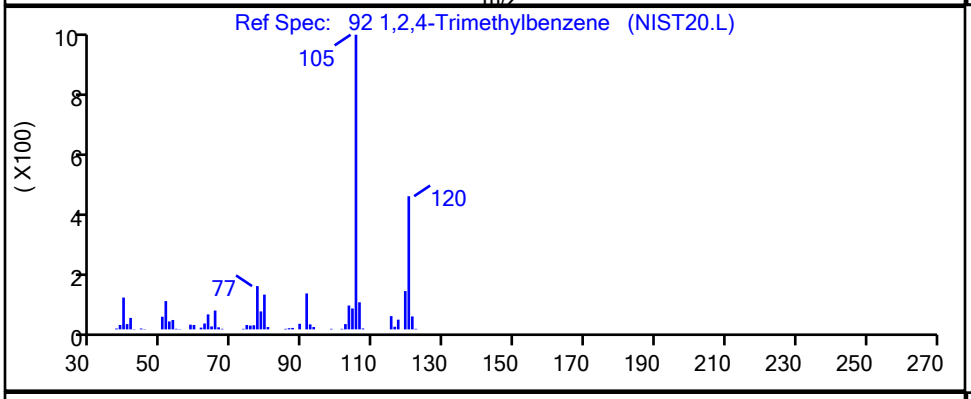
92 1,2,4-Trimethylbenzene, CAS: 95-63-6

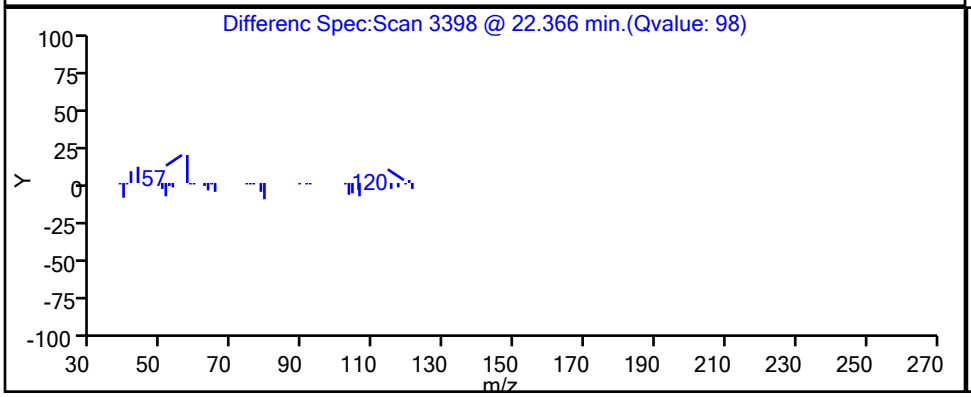


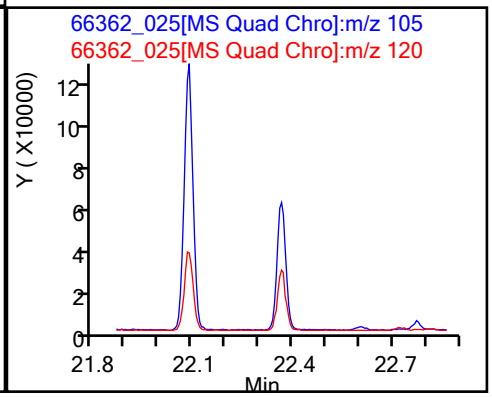












Manual Integration/User Assign Peak Report

Eurofins Burlington

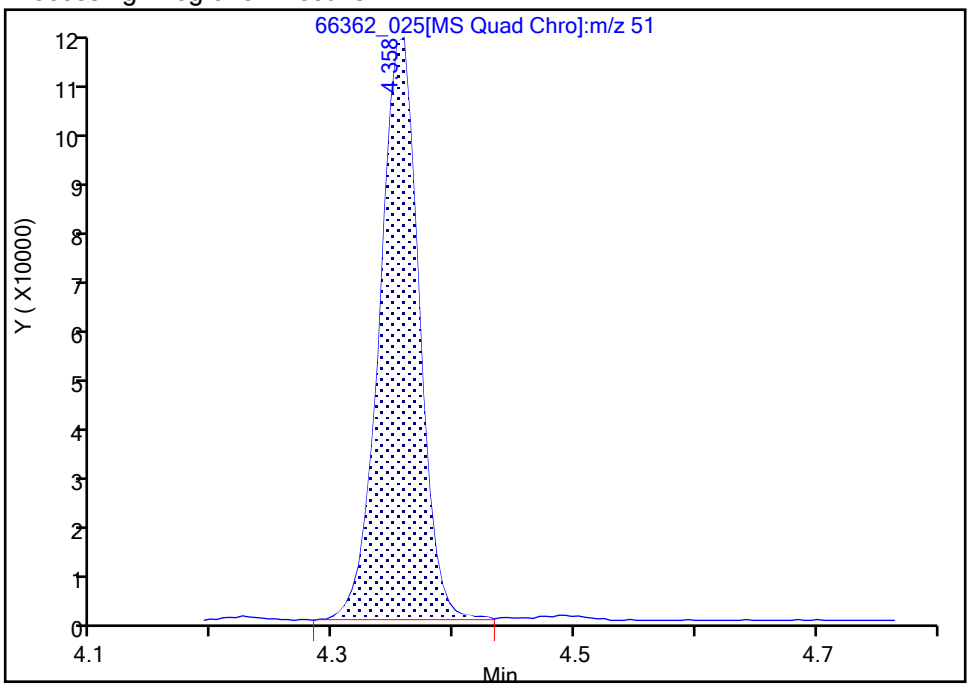
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

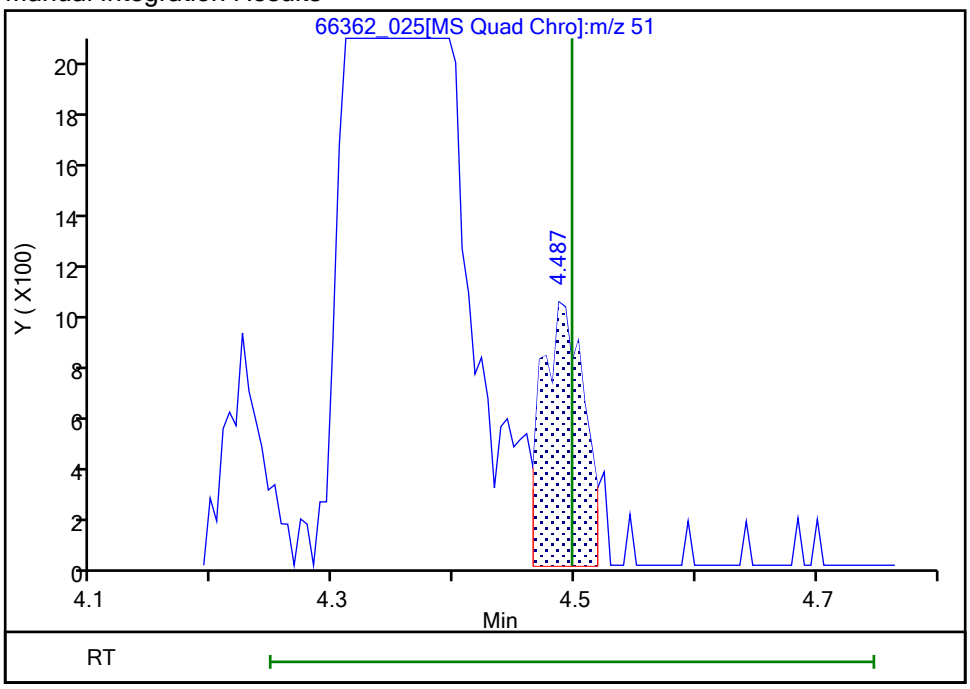
Processing Integration Results

RT: 4.36
Area: 257696
Amount: 5.156188
Amount Units: ppb v/v



Manual Integration Results

RT: 4.49
Area: 2445
Amount: 0.048922
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 09:57:05 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

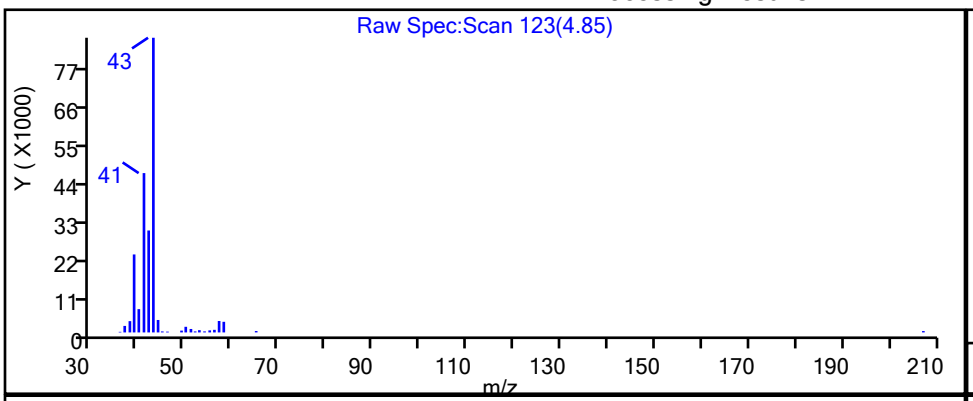
User Disabled Compound Report

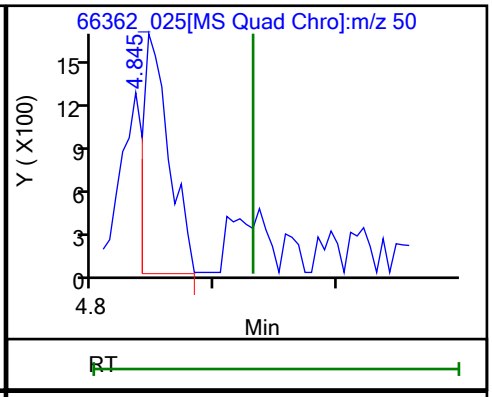
Eurofins Burlington

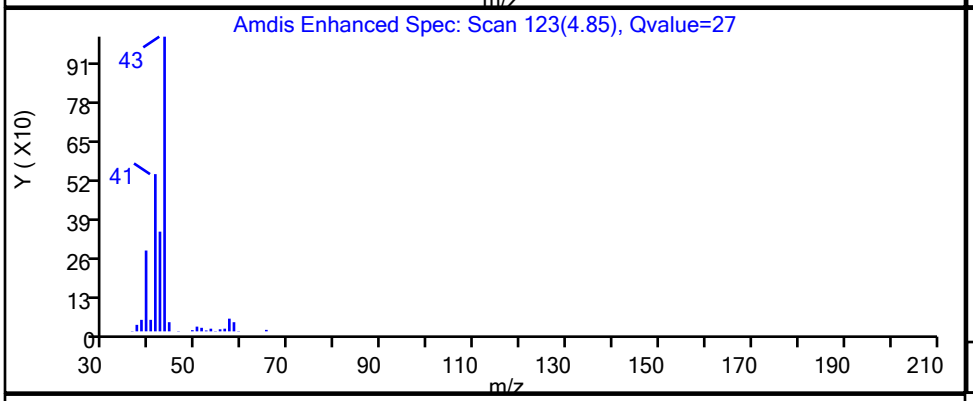
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

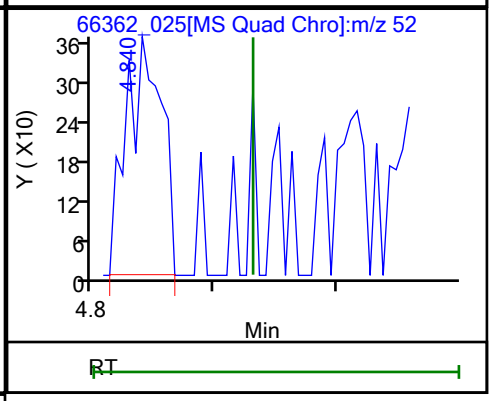
5 Chloromethane, CAS: 74-87-3

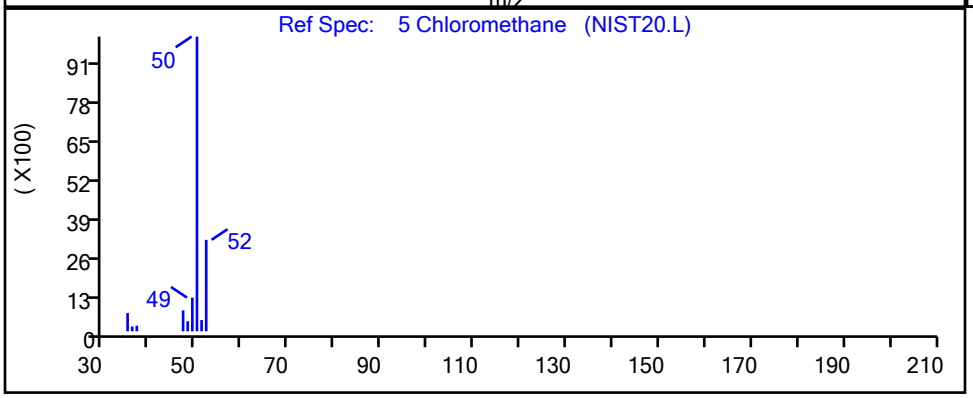
Processing Results











RT	Mass	Response	Amount
4.85	50.00	2389	0.100012
4.84	52.00	738	

Reviewer: F7XK, 18-Aug-2025 09:57:34 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

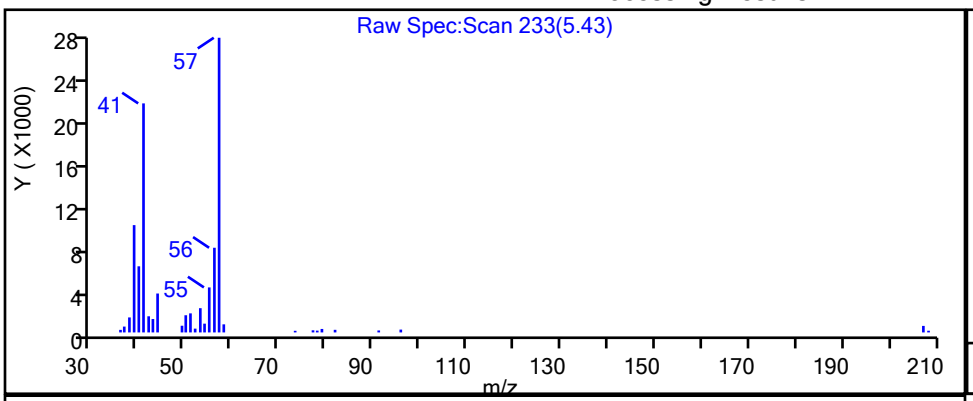
User Disabled Compound Report

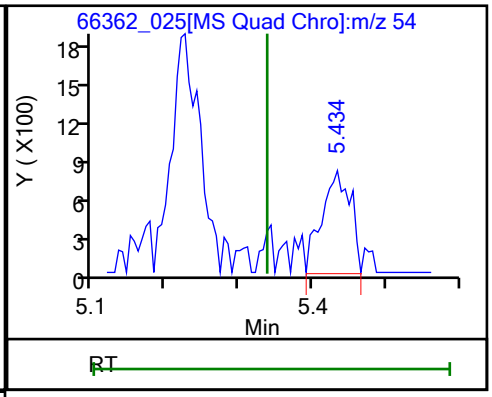
Eurofins Burlington

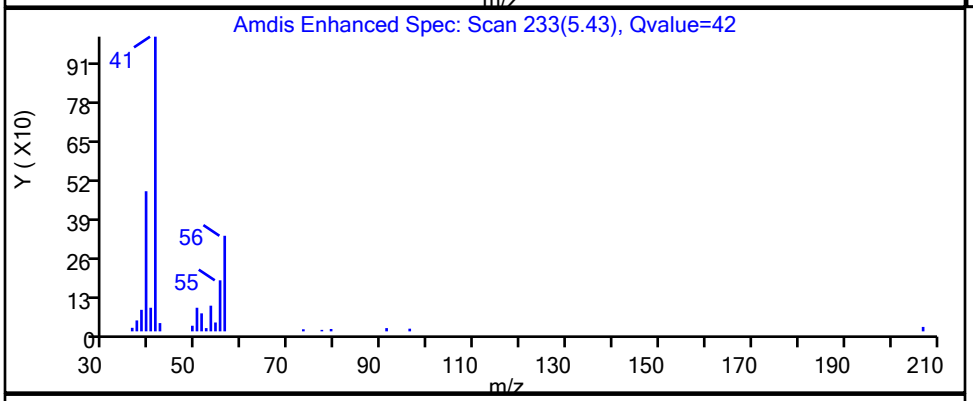
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

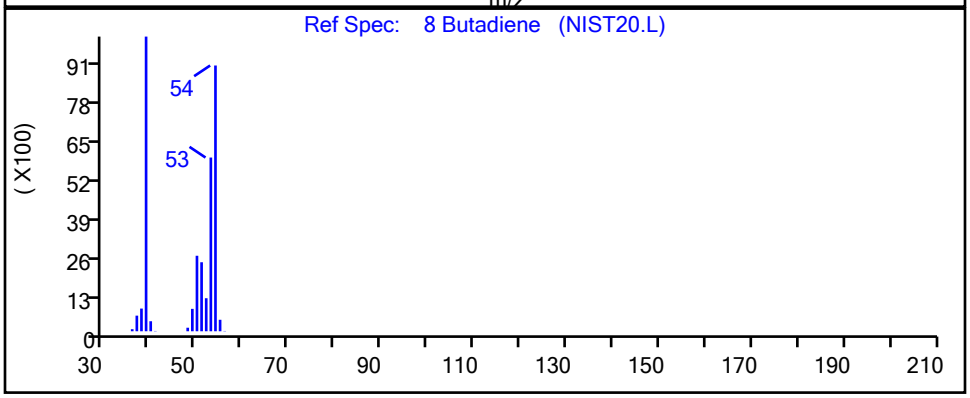
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
5.43	54.00	2189	0.102790

Reviewer: F7XK, 18-Aug-2025 09:57:46 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

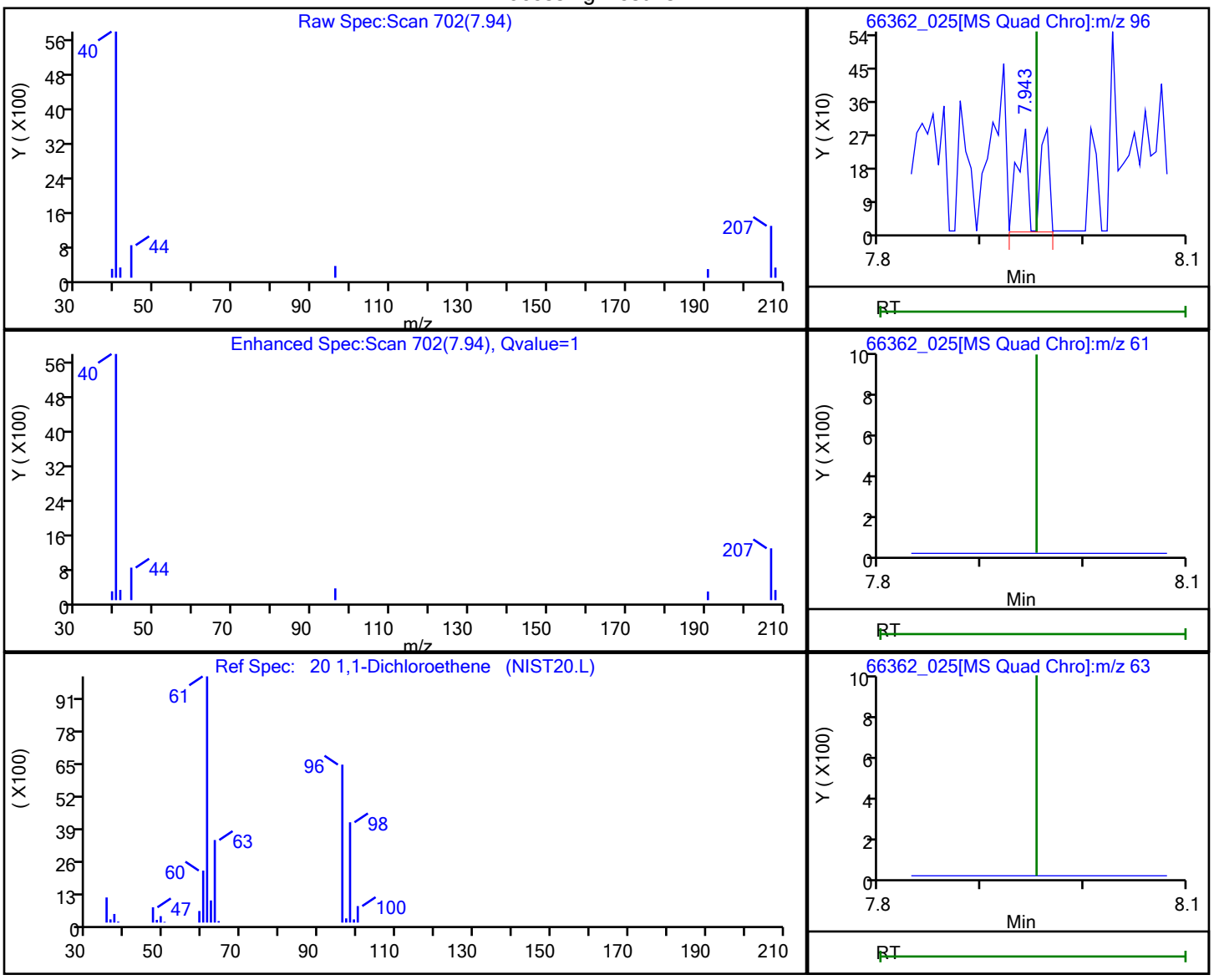
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.94	96.00	364	0.008048
7.95	61.00	0	
7.95	63.00	0	

Reviewer: F7XK, 18-Aug-2025 09:57:56 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

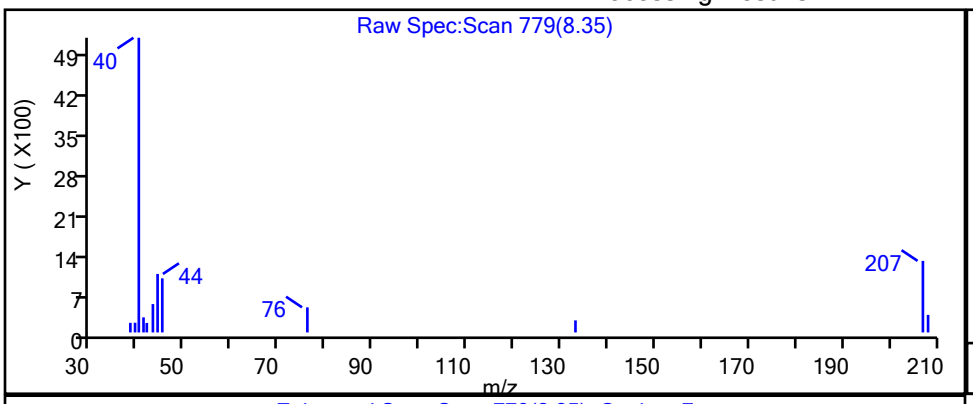
User Disabled Compound Report

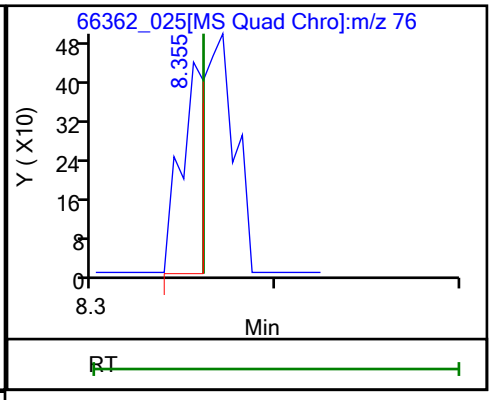
Eurofins Burlington

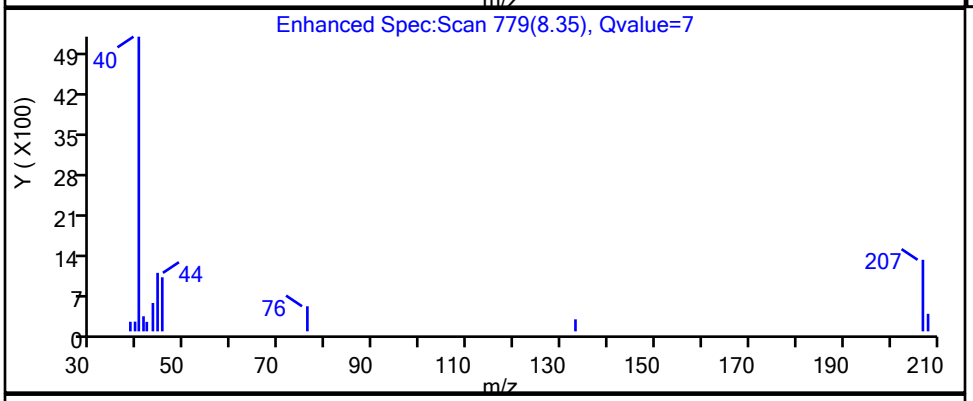
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

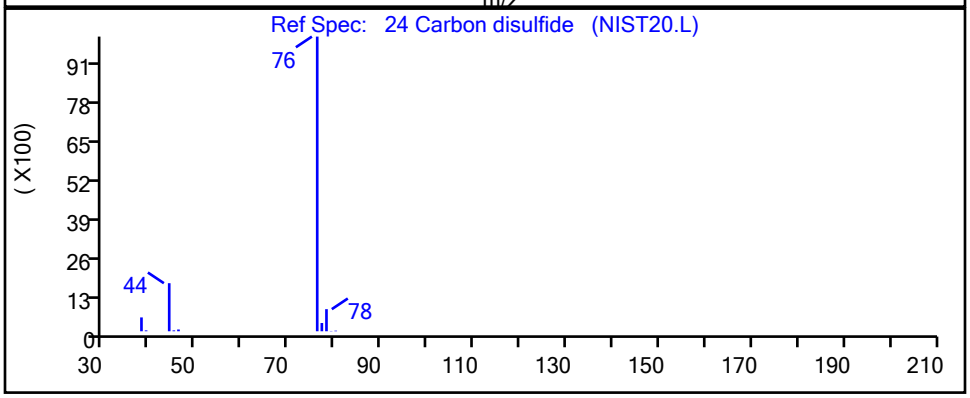
24 Carbon disulfide, CAS: 75-15-0

Processing Results









RT	Mass	Response	Amount
8.35	76.00	407	0.003760

Reviewer: F7XK, 18-Aug-2025 09:58:25 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington

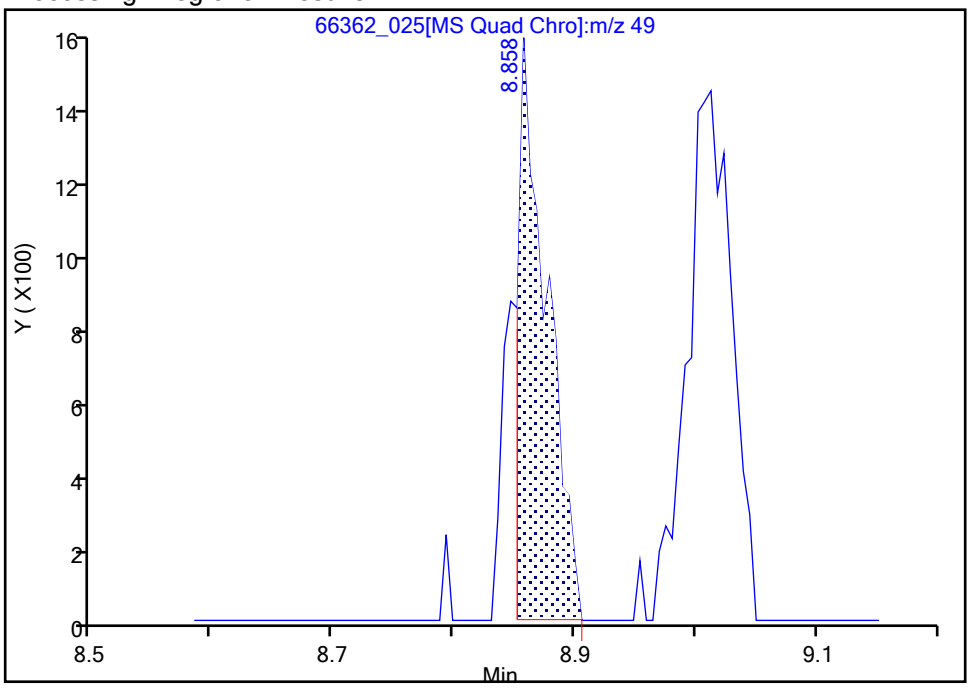
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

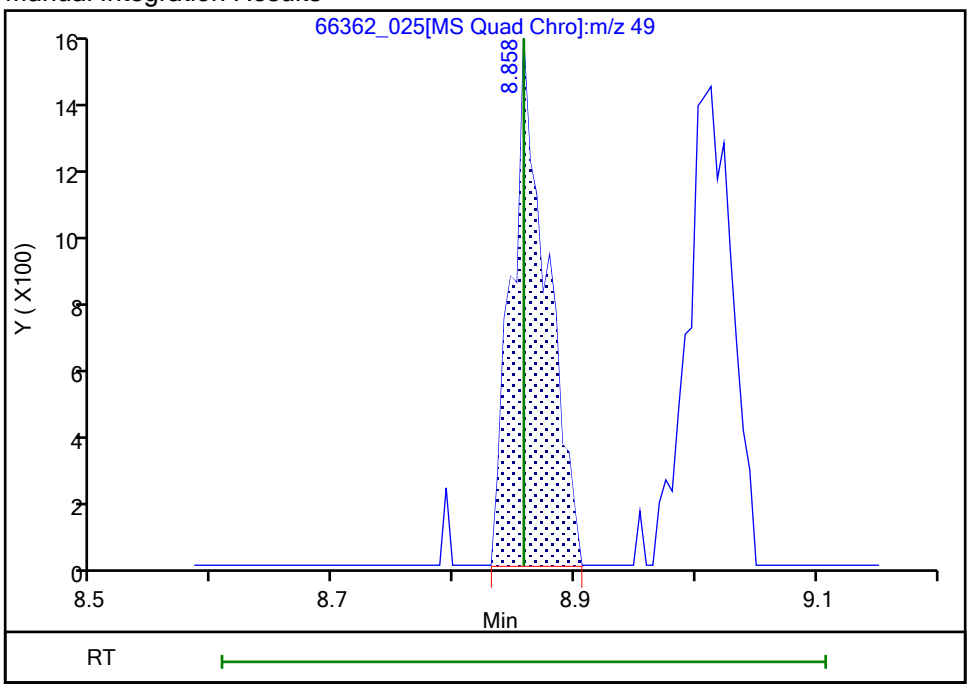
Processing Integration Results

RT: 8.86
Area: 2619
Amount: 0.067722
Amount Units: ppb v/v



Manual Integration Results

RT: 8.86
Area: 3229
Amount: 0.083495
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 09:58:39 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington

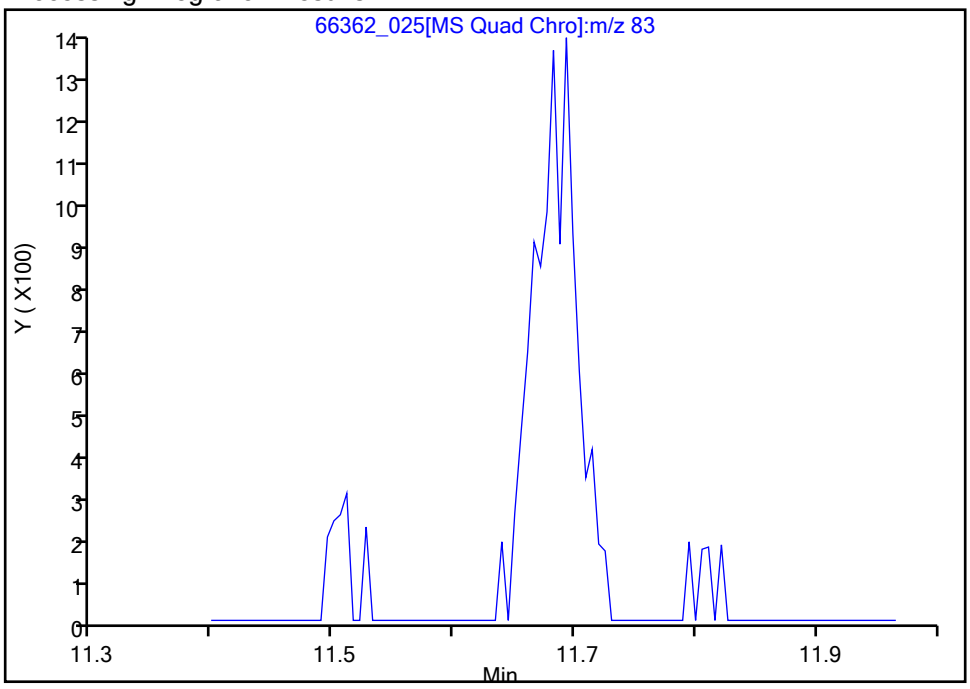
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

41 Chloroform, CAS: 67-66-3

Signal: 1

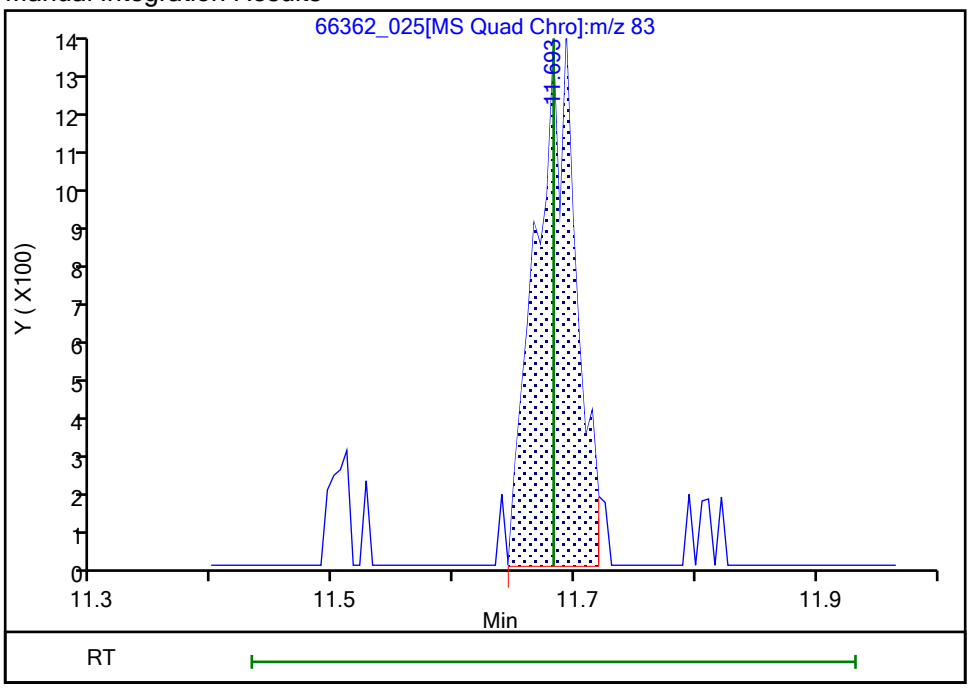
Not Detected
Expected RT: 11.68

Processing Integration Results



Manual Integration Results

RT: 11.69
Area: 3133
Amount: 0.033263
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 10:01:41 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

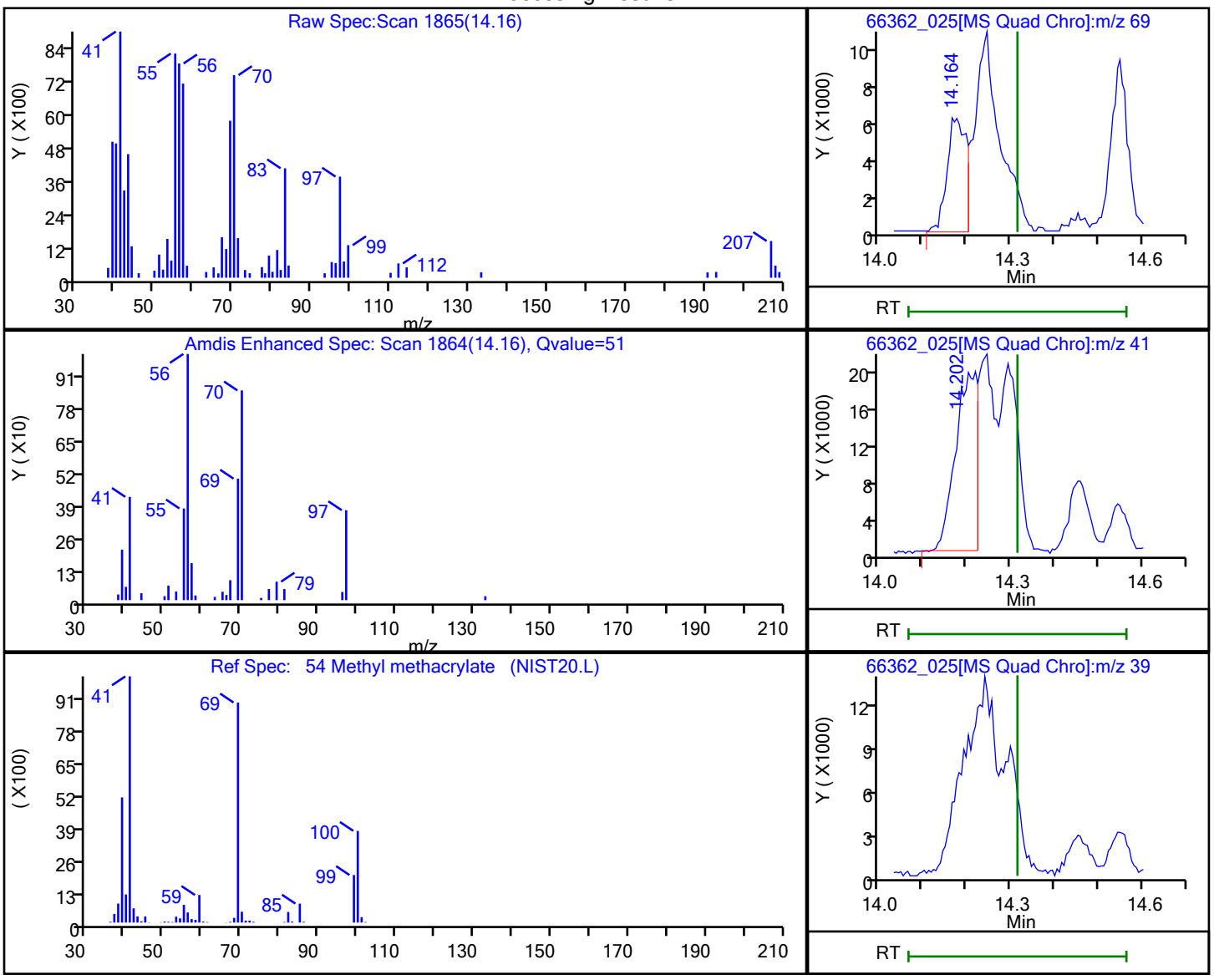
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
14.16	69.00	17325	0.411183
14.20	41.00	68201	
14.31	39.00	0	

Reviewer: F7XK, 18-Aug-2025 10:19:58 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

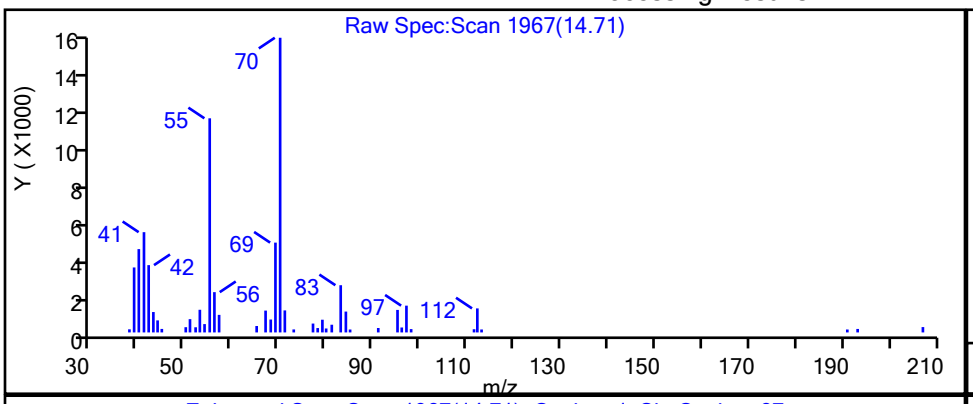
User Disabled Compound Report

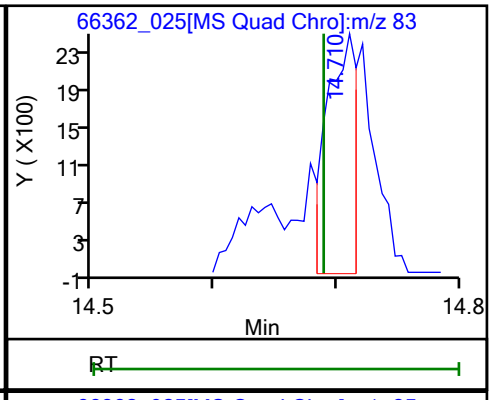
Eurofins Burlington

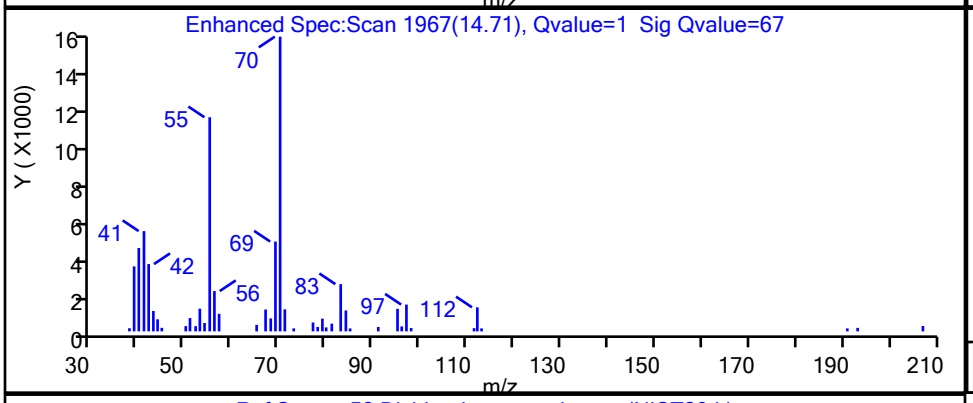
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

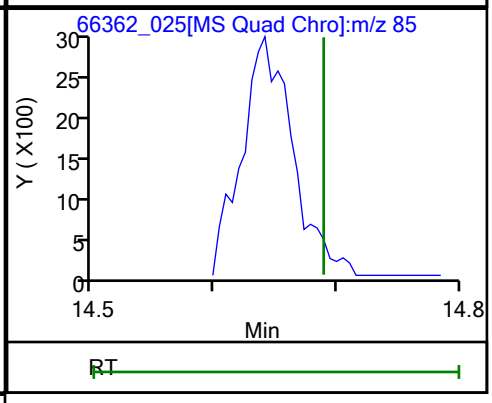
58 Dichlorobromomethane, CAS: 75-27-4

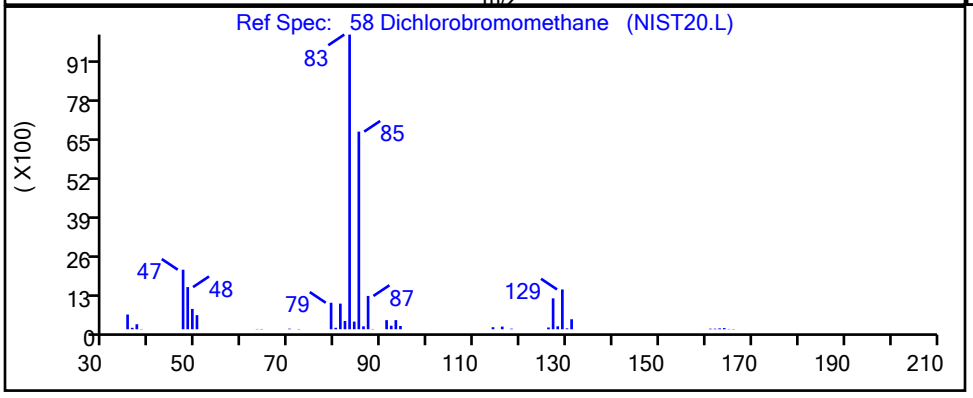
Processing Results











RT	Mass	Response	Amount
14.71	83.00	4205	0.039402
14.69	85.00	0	

Reviewer: F7XK, 18-Aug-2025 10:04:22 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

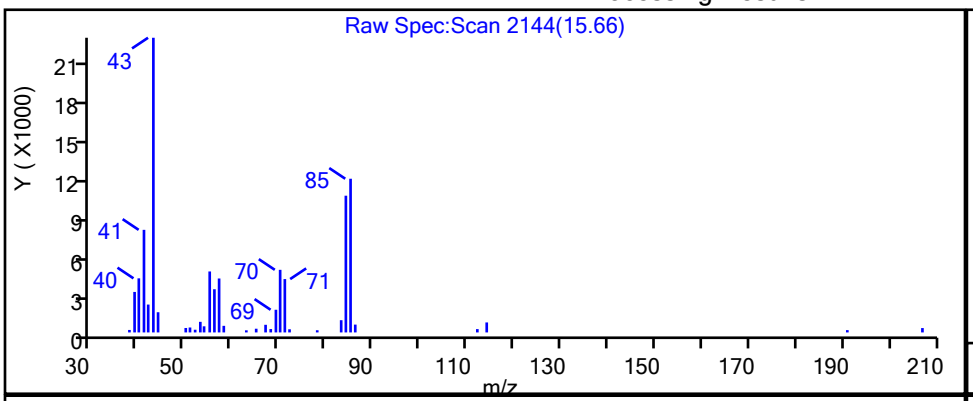
User Disabled Compound Report

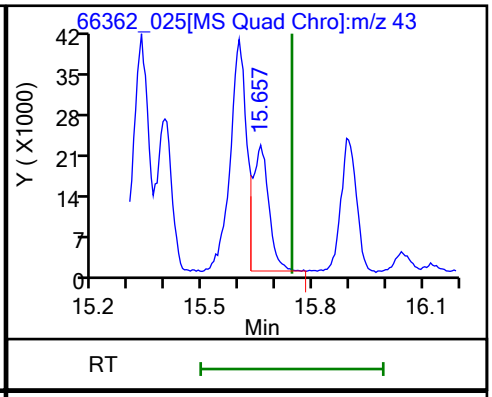
Eurofins Burlington

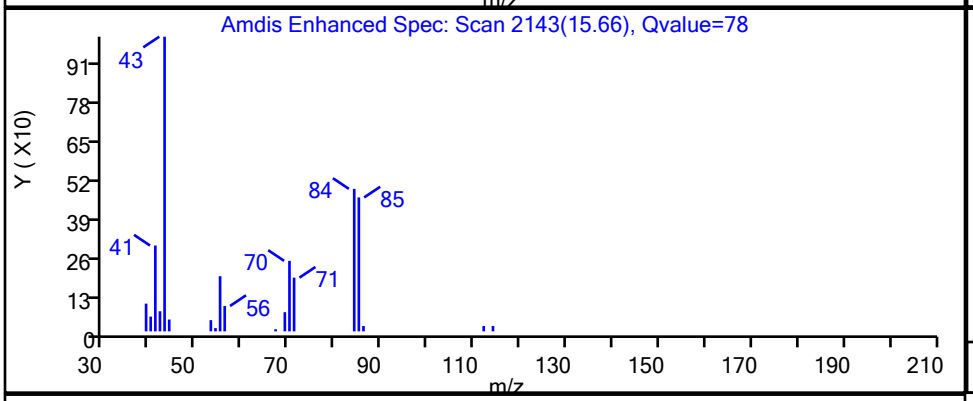
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

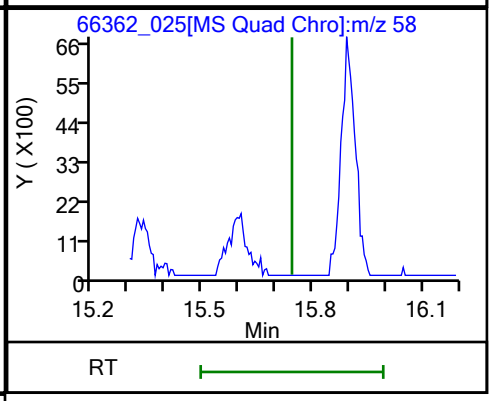
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

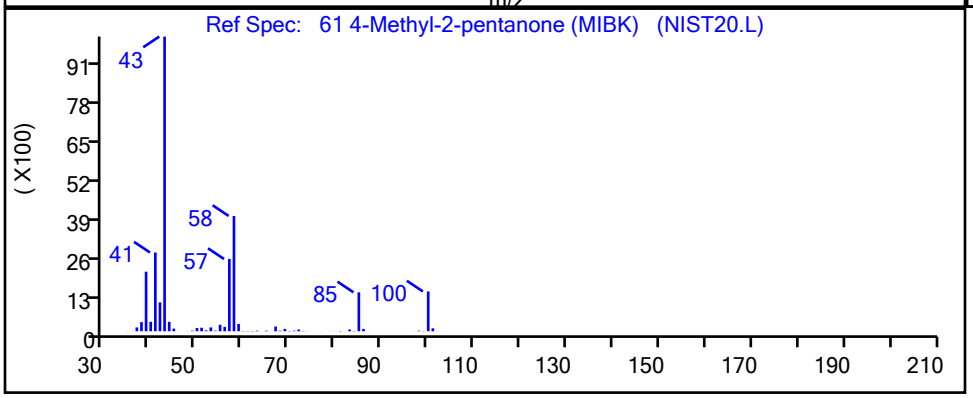
Processing Results











RT	Mass	Response	Amount
15.66	43.00	68361	0.850766
15.74	58.00	0	

Reviewer: F7XK, 18-Aug-2025 10:04:27 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

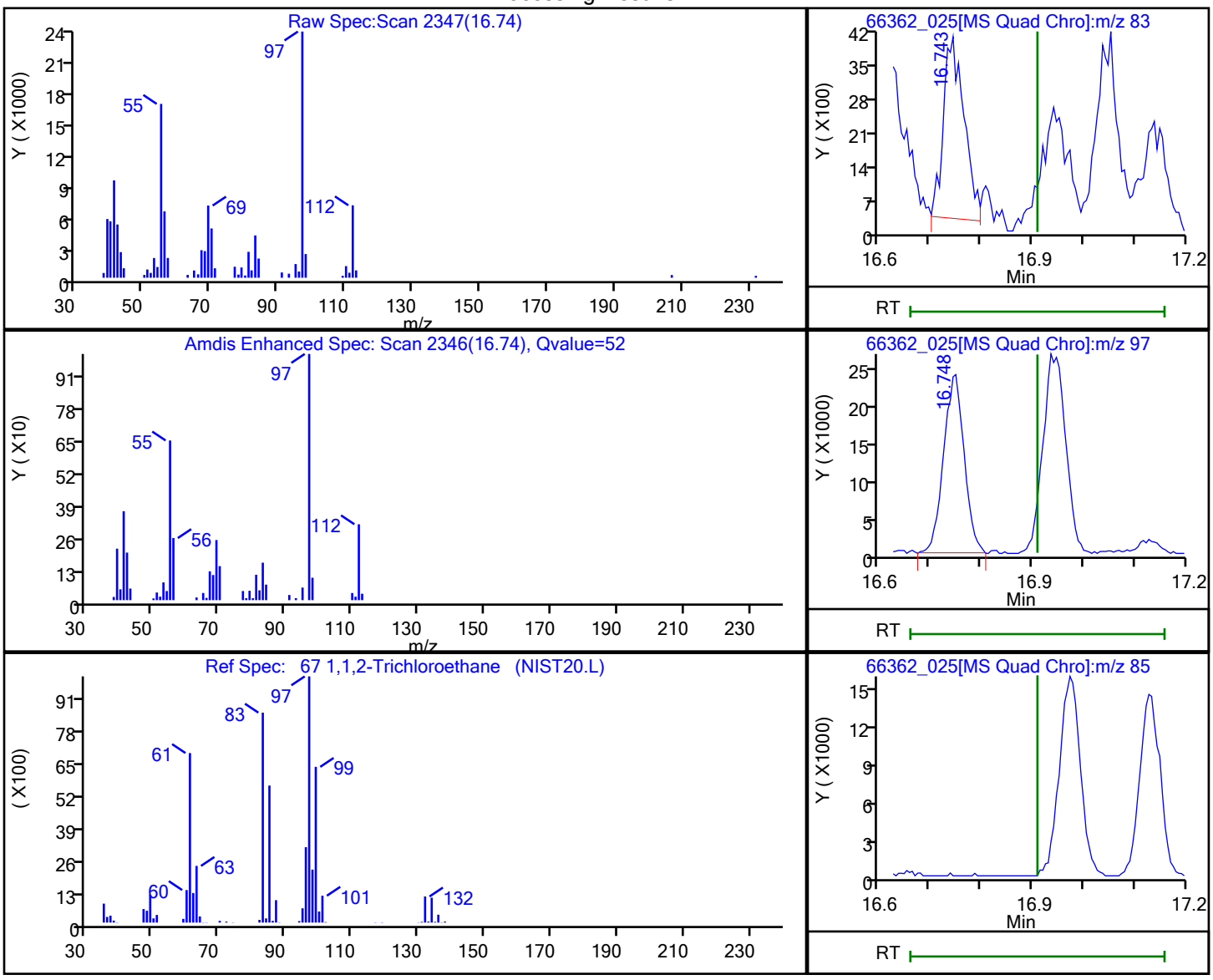
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
16.74	83.00	10770	0.215331
16.75	97.00	67766	
16.91	85.00	0	

Reviewer: F7XK, 18-Aug-2025 10:04:38 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

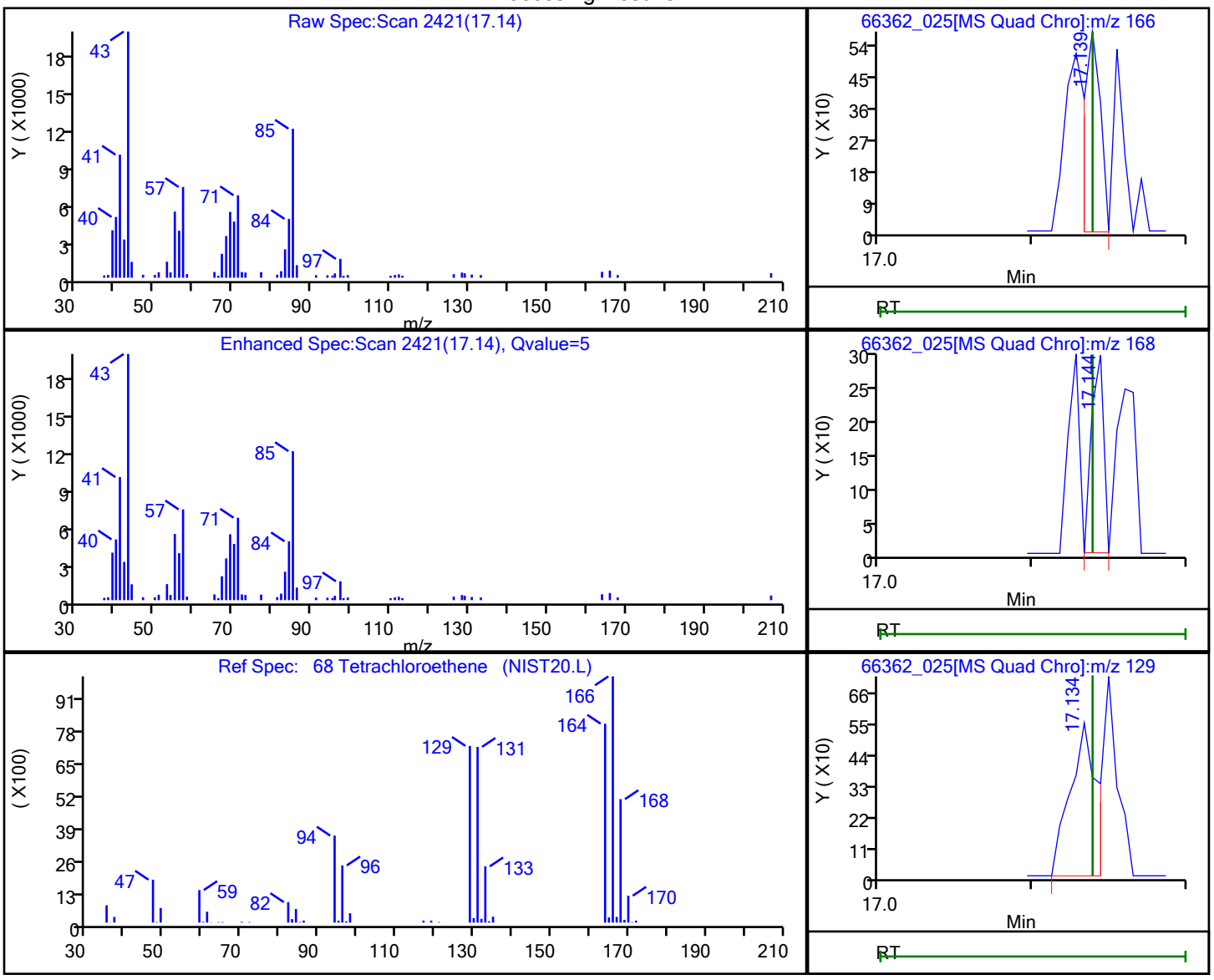
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Tetrachloroethene, CAS: 127-18-4

Processing Results



RT	Mass	Response	Amount
17.14	166.00	429	0.004484
17.14	168.00	164	
17.13	129.00	662	

Reviewer: F7XK, 18-Aug-2025 10:05:00 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

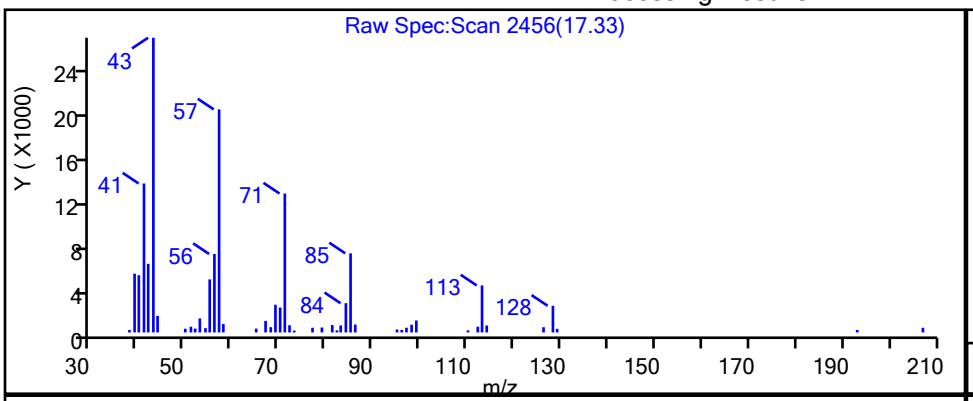
User Disabled Compound Report

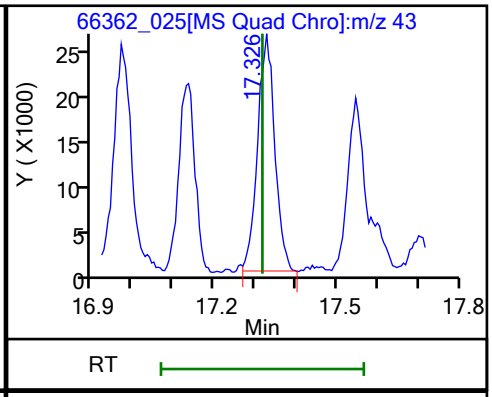
Eurofins Burlington

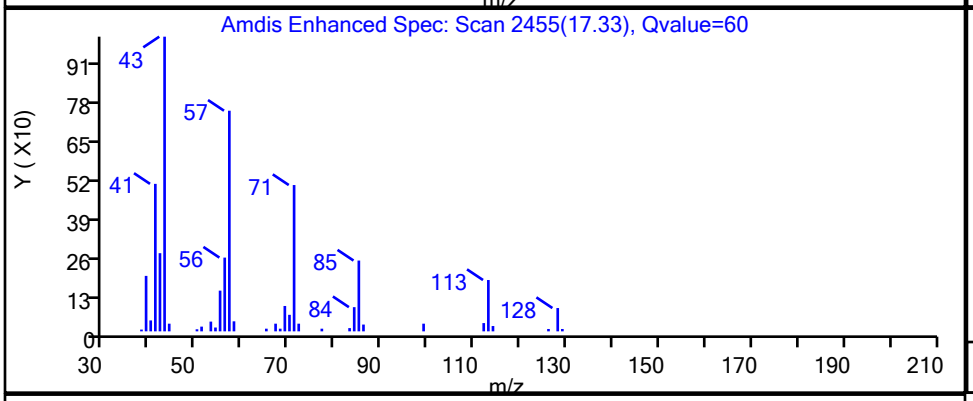
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

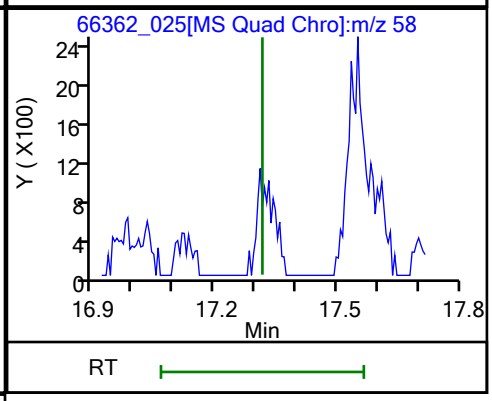
69 2-Hexanone, CAS: 591-78-6

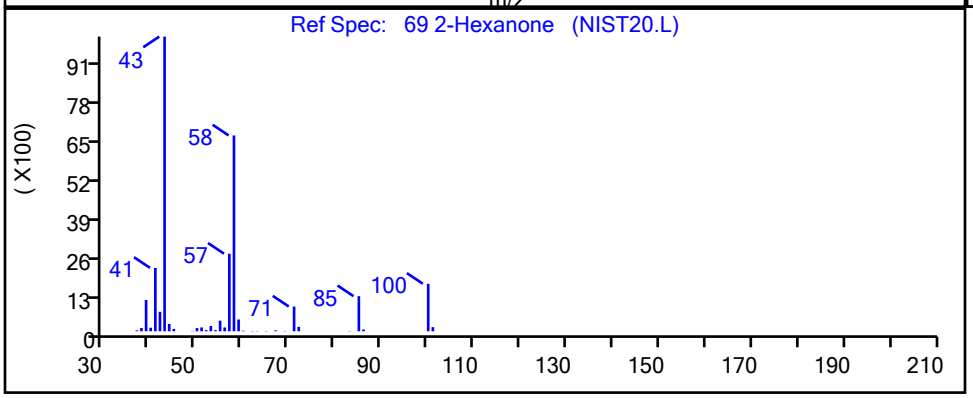
Processing Results











RT	Mass	Response	Amount
17.33	43.00	77158	1.034164
17.32	58.00	0	

Reviewer: F7XK, 18-Aug-2025 10:05:08 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington

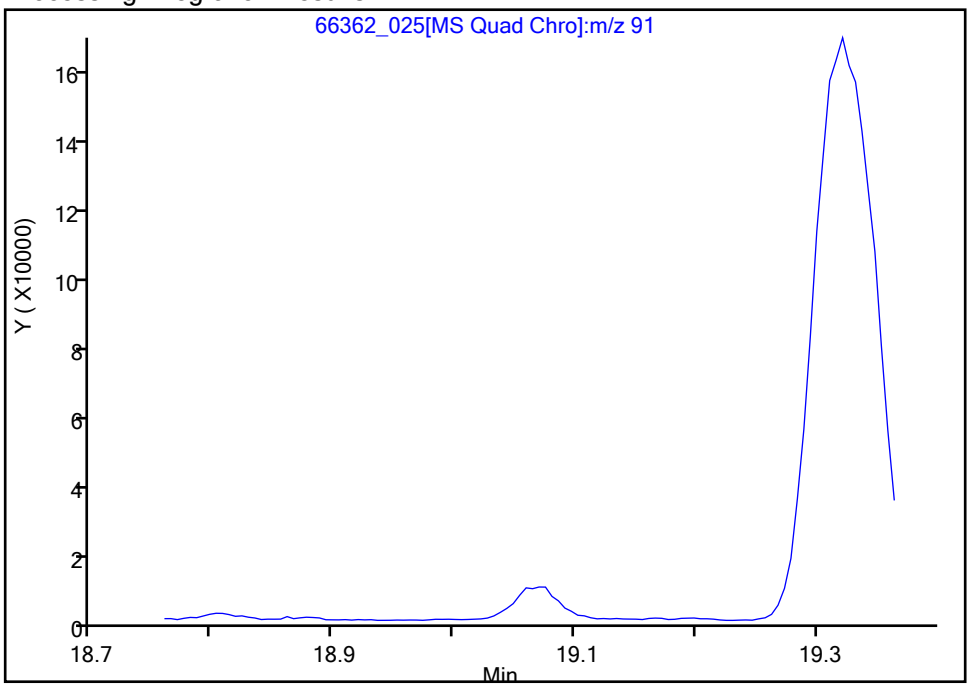
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Signal: 1

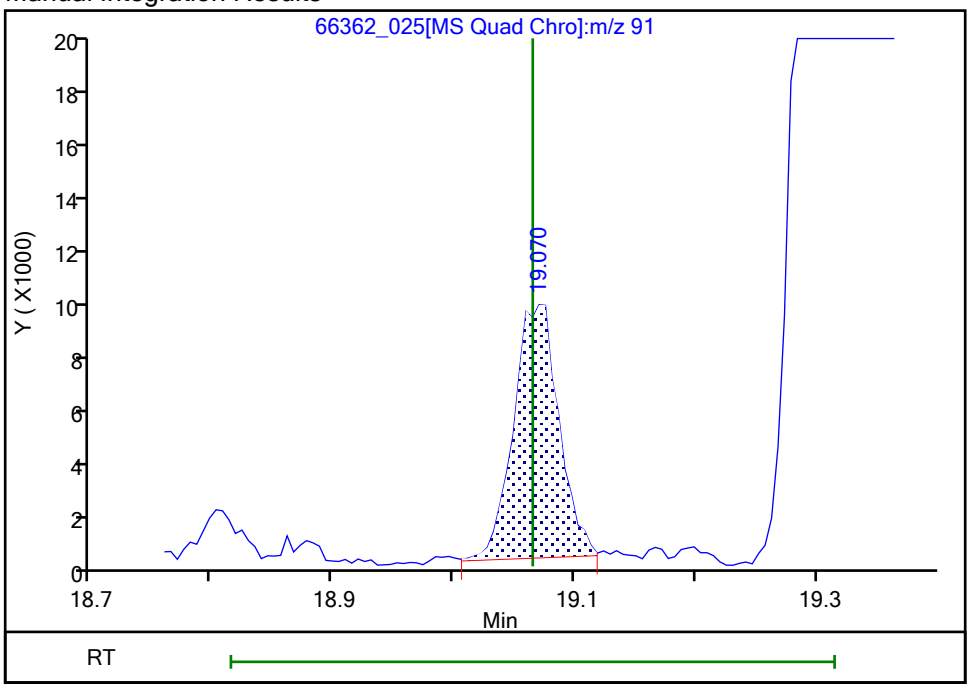
Not Detected
Expected RT: 19.07

Processing Integration Results



Manual Integration Results

RT: 19.07
Area: 23419
Amount: 0.106683
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 10:05:22 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

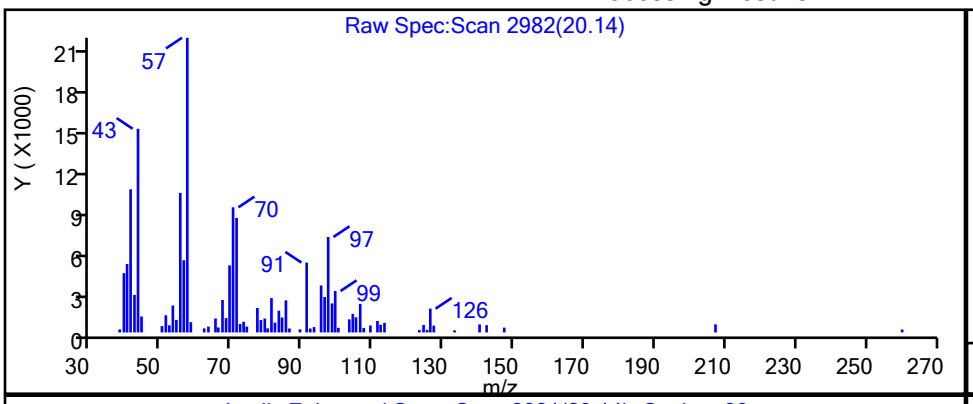
User Disabled Compound Report

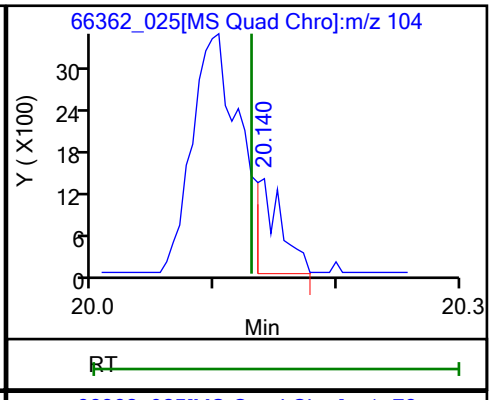
Eurofins Burlington

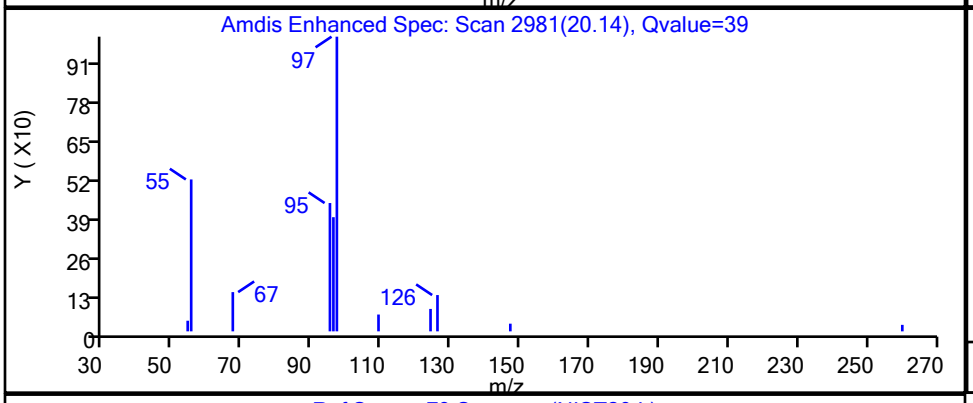
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

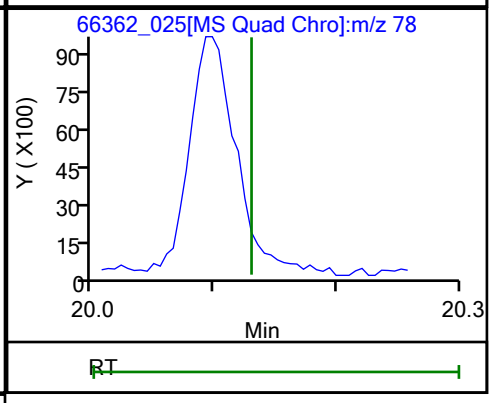
79 Styrene, CAS: 100-42-5

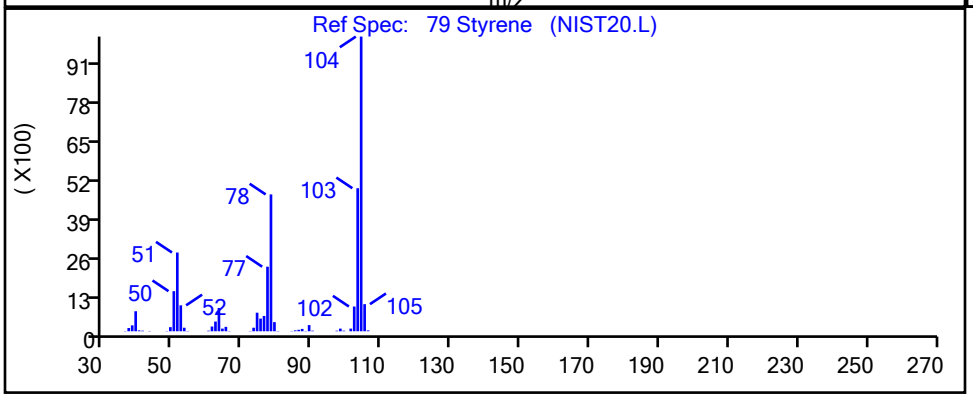
Processing Results











RT	Mass	Response	Amount
20.14	104.00	1867	0.013701
20.13	78.00	0	

Reviewer: F7XK, 18-Aug-2025 10:05:40 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington

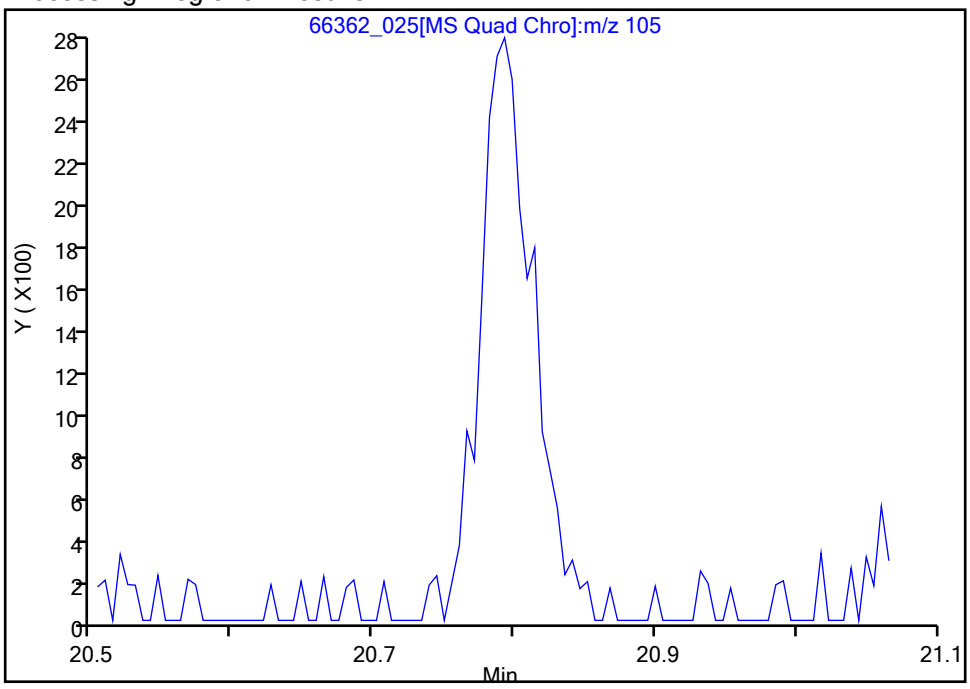
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Signal: 1

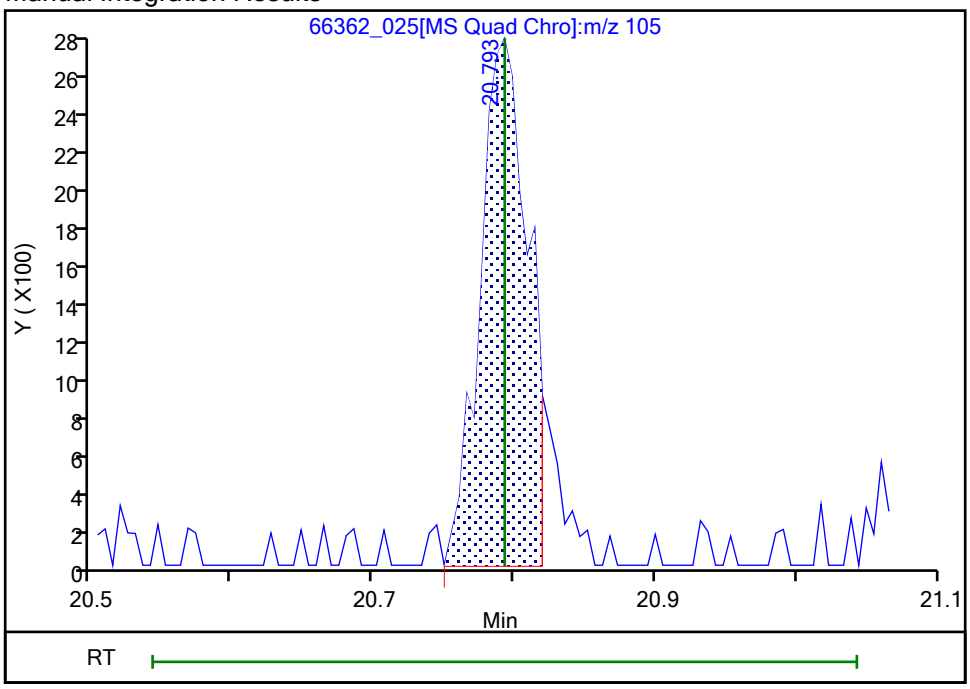
Not Detected
Expected RT: 20.79

Processing Integration Results



Manual Integration Results

RT: 20.79
Area: 6540
Amount: 0.025490
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 10:06:13 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

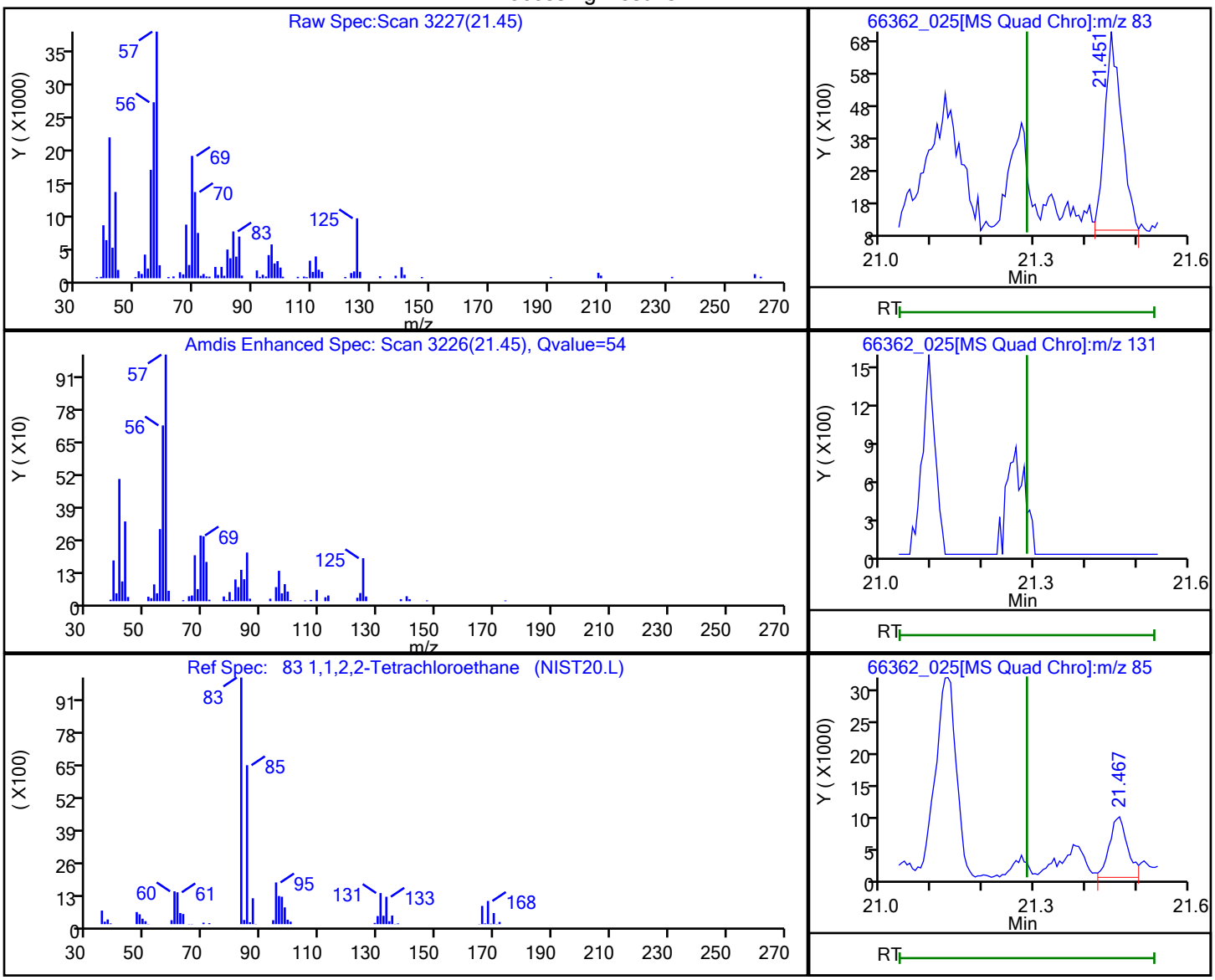
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
21.45	83.00	13726	0.105802
21.29	131.00	0	
21.47	85.00	23421	

Reviewer: F7XK, 18-Aug-2025 10:06:59 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

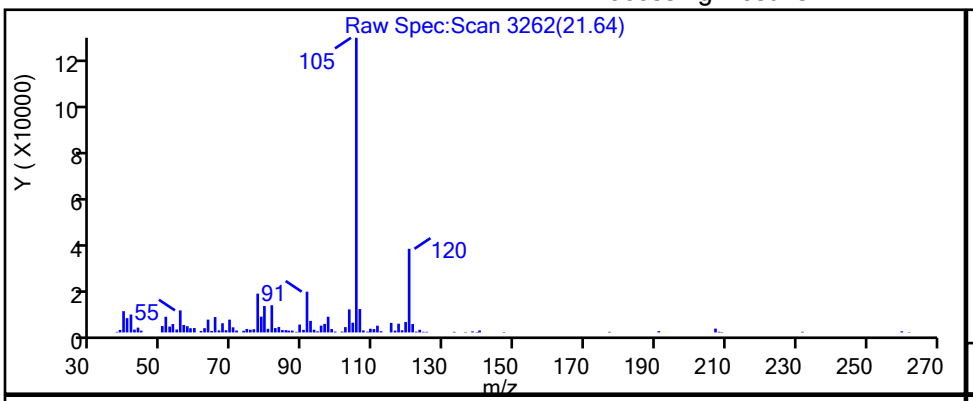
User Disabled Compound Report

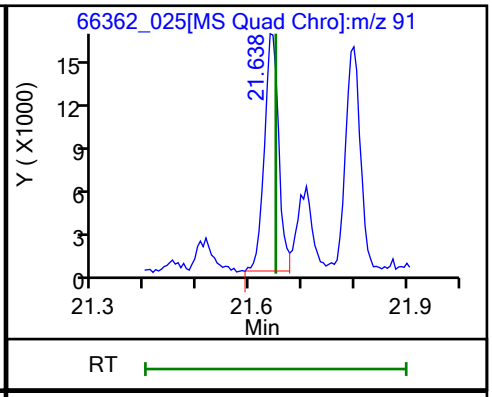
Eurofins Burlington

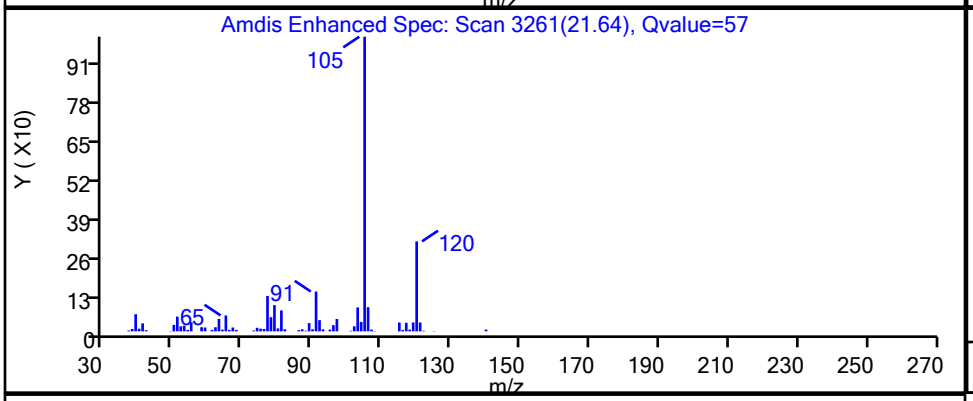
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

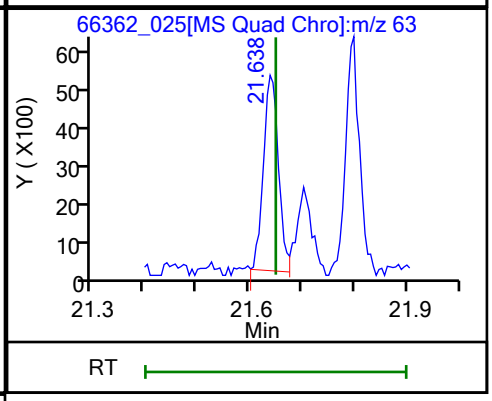
86 2-Chlorotoluene, CAS: 95-49-8

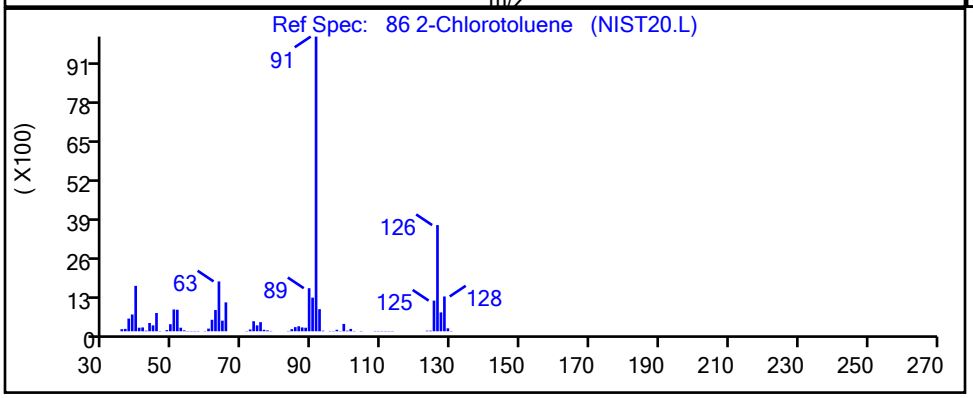
Processing Results











RT	Mass	Response	Amount
21.64	91.00	31575	0.170909
21.64	63.00	10259	

Reviewer: F7XK, 18-Aug-2025 10:07:16 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

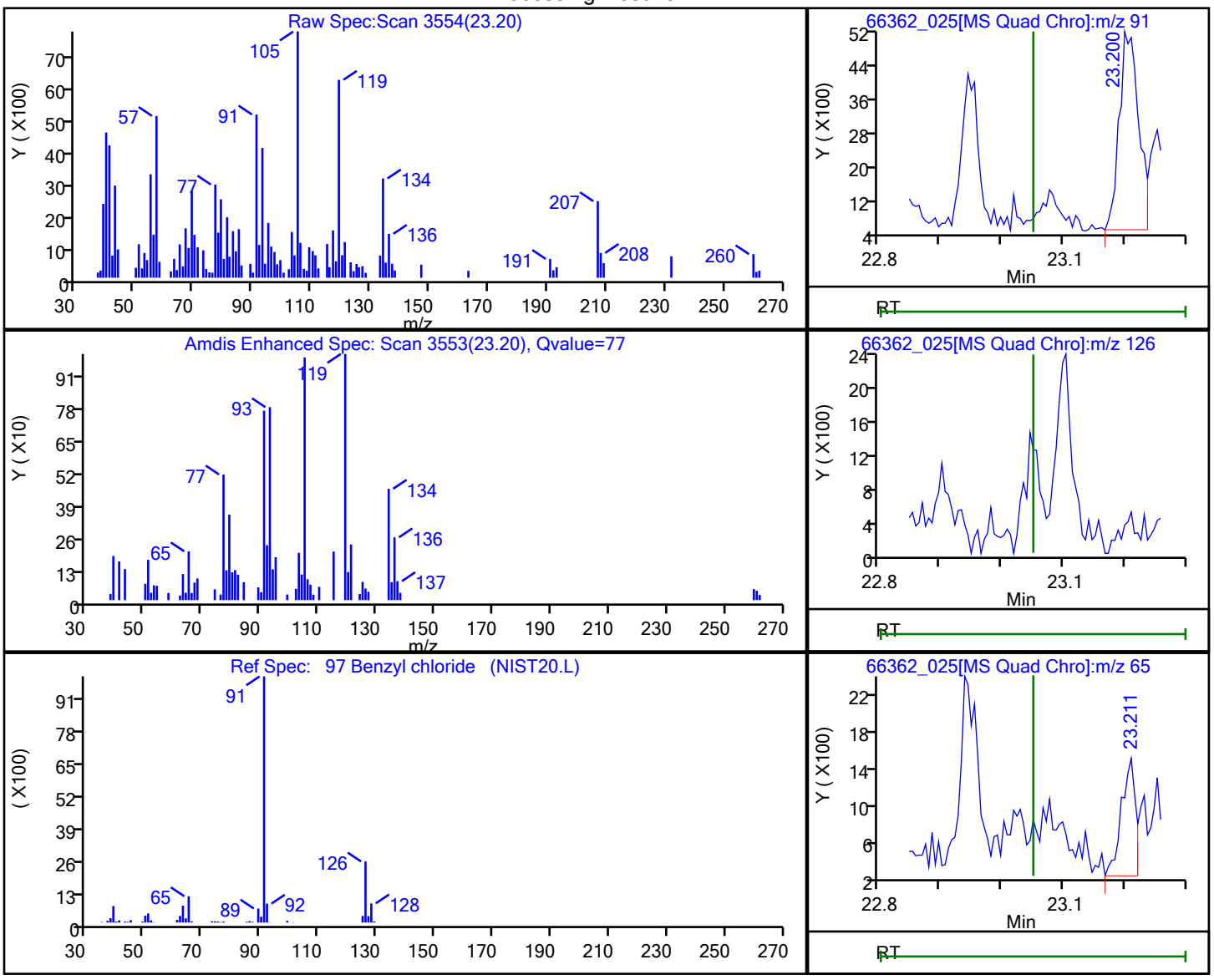
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_025.D				
Injection Date:	16-Aug-2025 03:50:01	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-2	Lab Sample ID:	200-78914-2		
Client ID:	SVE_EFF_20250813				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
23.20	91.00	10400	0.058406
23.05	126.00	0	
23.21	65.00	2028	

Reviewer: F7XK, 18-Aug-2025 10:07:36 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SSDS_INF_20250814 Lab Sample ID: 200-78914-3

Matrix: Air Lab File ID: 66362_026.D

Analysis Method: TO-15 Date Collected: 08/14/2025 12:00

Sample wt/vol: 40(mL) Date Analyzed: 08/16/2025 04:41

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	1.1
75-45-6	Freon 22	86.47	2.5	U	2.5	1.8
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.0	U	1.0	0.38
74-87-3	Chloromethane	50.49	2.5	U	2.5	1.7
106-97-8	n-Butane	58.12	8.3		2.5	1.6
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.15
106-99-0	1,3-Butadiene	54.09	1.0	U	1.0	0.20
74-83-9	Bromomethane	94.94	1.0	U	1.0	0.31
75-00-3	Chloroethane	64.52	2.5	U	2.5	0.80
593-60-2	Bromoethene(Vinyl Bromide)	106.96	1.0	U	1.0	0.24
75-69-4	Trichlorofluoromethane	137.37	1.0	U	1.0	0.39
76-13-1	Freon TF	187.38	1.0	U	1.0	0.29
75-35-4	1,1-Dichloroethene	96.94	1.0	U	1.0	0.18
67-64-1	Acetone	58.08	15	J	25	9.5
67-63-0	Isopropyl alcohol	60.10	25	U	25	11
75-15-0	Carbon disulfide	76.14	2.5	U	2.5	0.90
107-05-1	3-Chloropropene	76.53	2.5	U	2.5	0.41
75-09-2	Methylene Chloride	84.93	2.5	U	2.5	0.95
75-65-0	tert-Butyl alcohol	74.12	25	U	25	8.0
1634-04-4	Methyl tert-butyl ether	88.15	1.0	U	1.0	0.33
156-60-5	trans-1,2-Dichloroethene	96.94	3.5		1.0	0.10
110-54-3	n-Hexane	86.17	9.9		2.5	0.80
75-34-3	1,1-Dichloroethane	98.96	1.0	U	1.0	0.090
78-93-3	Methyl Ethyl Ketone	72.11	3.1		2.5	0.70
156-59-2	cis-1,2-Dichloroethene	96.94	1.0	U	1.0	0.16
540-59-0	1,2-Dichloroethene, Total	96.94	3.5		2.0	0.10
67-66-3	Chloroform	119.38	1.7		1.0	0.30
109-99-9	Tetrahydrofuran	72.11	25	U	25	8.5
71-55-6	1,1,1-Trichloroethane	133.41	1.0	U	1.0	0.37
110-82-7	Cyclohexane	84.16	11		1.0	0.26

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SSDS_INF_20250814 Lab Sample ID: 200-78914-3

Matrix: Air Lab File ID: 66362_026.D

Analysis Method: TO-15 Date Collected: 08/14/2025 12:00

Sample wt/vol: 40(mL) Date Analyzed: 08/16/2025 04:41

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	1.0	U	1.0	0.12
540-84-1	*2,2,4-Trimethylpentane*	*114.23*	*230*	*E*	*1.0*	*0.36*
71-43-2	Benzene	78.11	6.1		1.0	0.26
107-06-2	1,2-Dichloroethane	98.96	1.0	U	1.0	0.37
142-82-5	n-Heptane	100.21	21		1.0	0.43
79-01-6	Trichloroethene	131.39	0.16	J	1.0	0.15
80-62-6	Methyl methacrylate	100.12	2.5	U	2.5	0.65
78-87-5	1,2-Dichloropropane	112.99	0.73	J	1.0	0.28
123-91-1	1,4-Dioxane	88.11	25	U	25	0.95
75-27-4	Bromodichloromethane	163.83	1.0	U	1.0	0.29
10061-01-5	cis-1,3-Dichloropropene	110.97	1.0	U	1.0	0.28
108-10-1	methyl isobutyl ketone	100.16	2.5	U	2.5	0.95
108-88-3	Toluene	92.14	22		1.0	0.27
10061-02-6	trans-1,3-Dichloropropene	110.97	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	133.41	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	165.83	0.38	J	1.0	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.5	U	2.5	1.0
124-48-1	Dibromochloromethane	208.28	1.0	U	1.0	0.27
106-93-4	1,2-Dibromoethane	187.87	1.0	U	1.0	0.23
108-90-7	Chlorobenzene	112.56	0.37	J	1.0	0.24
100-41-4	Ethylbenzene	106.17	3.5		1.0	0.26
179601-23-1	m,p-Xylene	106.17	100		2.5	0.070
95-47-6	Xylene, o-	106.17	51		1.0	0.35
1330-20-7	Xylene (total)	106.17	150		3.5	0.070
100-42-5	Styrene	104.15	1.0	U	1.0	0.28
75-25-2	Bromoform	252.75	1.0	U	1.0	0.29
98-82-8	Cumene	120.19	0.90	J	1.0	0.36
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.0	U	1.0	0.31
622-96-8	4-Ethyltoluene	120.20	11		1.0	0.34
108-67-8	1,3,5-Trimethylbenzene	120.20	36		1.0	0.34

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SSDS_INF_20250814 Lab Sample ID: 200-78914-3

Matrix: Air Lab File ID: 66362_026.D

Analysis Method: TO-15 Date Collected: 08/14/2025 12:00

Sample wt/vol: 40(mL) Date Analyzed: 08/16/2025 04:41

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.29
95-63-6	1,2,4-Trimethylbenzene	120.20	14		1.0	0.41
99-87-6	4-Isopropyltoluene	134.22	1.3		1.0	0.39
541-73-1	1,3-Dichlorobenzene	147.00	1.0	U	1.0	0.32
106-46-7	1,4-Dichlorobenzene	147.00	1.0	U	1.0	0.35
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.37
95-50-1	1,2-Dichlorobenzene	147.00	1.0	U	1.0	0.33
120-82-1	1,2,4-Trichlorobenzene	181.45	2.5	U	2.5	1.5
87-68-3	Hexachlorobutadiene	260.76	1.0	U	1.0	0.39
91-20-3	Naphthalene	128.17	2.5	U	2.5	0.55

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SSDS_INF_20250814 Lab Sample ID: 200-78914-3

Matrix: Air Lab File ID: 66362_026.D

Analysis Method: TO-15 Date Collected: 08/14/2025 12:00

Sample wt/vol: 40(mL) Date Analyzed: 08/16/2025 04:41

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12	U	12	5.4
75-45-6	Freon 22	86.47	8.8	U	8.8	6.4
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	7.0	U	7.0	2.7
74-87-3	Chloromethane	50.49	5.2	U	5.2	3.4
106-97-8	n-Butane	58.12	20		5.9	3.7
75-01-4	Vinyl chloride	62.50	2.6	U	2.6	0.37
106-99-0	1,3-Butadiene	54.09	2.2	U	2.2	0.44
74-83-9	Bromomethane	94.94	3.9	U	3.9	1.2
75-00-3	Chloroethane	64.52	6.6	U	6.6	2.1
593-60-2	Bromoethene(Vinyl Bromide)	106.96	4.4	U	4.4	1.0
75-69-4	Trichlorofluoromethane	137.37	5.6	U	5.6	2.2
76-13-1	Freon TF	187.38	7.7	U	7.7	2.2
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	0.69
67-64-1	Acetone	58.08	36	J	59	23
67-63-0	Isopropyl alcohol	60.10	61	U	61	27
75-15-0	Carbon disulfide	76.14	7.8	U	7.8	2.8
107-05-1	3-Chloropropene	76.53	7.8	U	7.8	1.3
75-09-2	Methylene Chloride	84.93	8.7	U	8.7	3.3
75-65-0	tert-Butyl alcohol	74.12	76	U	76	24
1634-04-4	Methyl tert-butyl ether	88.15	3.6	U	3.6	1.2
156-60-5	trans-1,2-Dichloroethene	96.94	14		4.0	0.40
110-54-3	n-Hexane	86.17	35		8.8	2.8
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.36
78-93-3	Methyl Ethyl Ketone	72.11	9.0		7.4	2.1
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	0.63
540-59-0	1,2-Dichloroethene, Total	96.94	14		7.9	0.40
67-66-3	Chloroform	119.38	8.4		4.9	1.4
109-99-9	Tetrahydrofuran	72.11	74	U	74	25
71-55-6	1,1,1-Trichloroethane	133.41	5.5	U	5.5	2.0
110-82-7	Cyclohexane	84.16	38		3.4	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SSDS_INF_20250814 Lab Sample ID: 200-78914-3

Matrix: Air Lab File ID: 66362_026.D

Analysis Method: TO-15 Date Collected: 08/14/2025 12:00

Sample wt/vol: 40(mL) Date Analyzed: 08/16/2025 04:41

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	6.3	U	6.3	0.75
540-84-1	*2,2,4-Trimethylpentane*	*114.23*	*1100*	*E*	*4.7*	*1.7*
71-43-2	Benzene	78.11	19		3.2	0.81
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	1.5
142-82-5	n-Heptane	100.21	87		4.1	1.8
79-01-6	Trichloroethene	131.39	0.86	J	5.4	0.78
80-62-6	Methyl methacrylate	100.12	10	U	10	2.7
78-87-5	1,2-Dichloropropane	112.99	3.4	J	4.6	1.3
123-91-1	1,4-Dioxane	88.11	90	U	90	3.4
75-27-4	Bromodichloromethane	163.83	6.7	U	6.7	1.9
10061-01-5	cis-1,3-Dichloropropene	110.97	4.5	U	4.5	1.3
108-10-1	methyl isobutyl ketone	100.16	10	U	10	3.9
108-88-3	Toluene	92.14	84		3.8	1.0
10061-02-6	trans-1,3-Dichloropropene	110.97	4.5	U	4.5	1.4
79-00-5	1,1,2-Trichloroethane	133.41	5.5	U	5.5	1.4
127-18-4	Tetrachloroethene	165.83	2.6	J	6.8	1.2
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10	U	10	4.1
124-48-1	Dibromochloromethane	208.28	8.5	U	8.5	2.3
106-93-4	1,2-Dibromoethane	187.87	7.7	U	7.7	1.7
108-90-7	Chlorobenzene	112.56	1.7	J	4.6	1.1
100-41-4	Ethylbenzene	106.17	15		4.3	1.1
179601-23-1	m,p-Xylene	106.17	440		11	0.30
95-47-6	Xylene, o-	106.17	220		4.3	1.5
1330-20-7	Xylene (total)	106.17	660		15	0.30
100-42-5	Styrene	104.15	4.3	U	4.3	1.2
75-25-2	Bromoform	252.75	10	U	10	3.0
98-82-8	Cumene	120.19	4.4	J	4.9	1.8
79-34-5	1,1,2,2-Tetrachloroethane	167.85	6.9	U	6.9	2.1
622-96-8	4-Ethyltoluene	120.20	56		4.9	1.7
108-67-8	1,3,5-Trimethylbenzene	120.20	180		4.9	1.7

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SSDS_INF_20250814 Lab Sample ID: 200-78914-3

Matrix: Air Lab File ID: 66362_026.D

Analysis Method: TO-15 Date Collected: 08/14/2025 12:00

Sample wt/vol: 40(mL) Date Analyzed: 08/16/2025 04:41

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-49-8	2-Chlorotoluene	126.59	5.2	U	5.2	1.5
95-63-6	1,2,4-Trimethylbenzene	120.20	71		4.9	2.0
99-87-6	4-Isopropyltoluene	134.22	7.0		5.5	2.1
541-73-1	1,3-Dichlorobenzene	147.00	6.0	U	6.0	1.9
106-46-7	1,4-Dichlorobenzene	147.00	6.0	U	6.0	2.1
100-44-7	Benzyl chloride	126.58	5.2	U	5.2	1.9
95-50-1	1,2-Dichlorobenzene	147.00	6.0	U	6.0	2.0
120-82-1	1,2,4-Trichlorobenzene	181.45	19	U	19	11
87-68-3	Hexachlorobutadiene	260.76	11	U	11	4.2
91-20-3	Naphthalene	128.17	13	U	13	2.9

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D
Lims ID: 200-78914-A-3
Client ID: SSDS_INF_20250813
Sample Type: Client
Inject. Date: 16-Aug-2025 04:41:24 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 5.0000
Sample Info: 200-0066362-026
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Aug-2025 10:18:51 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1609

First Level Reviewer: F7XK Date: 18-Aug-2025 10:19:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.444	4.460	-0.016	99	19612	0.1731	
3 Chlorodifluoromethane	51	4.487	4.487	-0.011	95	11911	0.2268	M
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.819				ND	
5 Chloromethane	50	4.920	4.920	-0.011	1	1794	0.0715	M
6 Vinyl chloride	62		5.225				ND	7
7 Butane	43	5.220	5.236	-0.010	95	67508	1.66	
8 Butadiene	54		5.337				ND	MU
9 Bromomethane	94		6.054				ND	
10 Chloroethane	64		6.322				ND	
13 Vinyl bromide	106		6.739				ND	
14 Trichlorofluoromethane	101	6.910	6.910	0.005	38	8123	0.0616	M
20 1,1-Dichloroethene	96		7.954				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.002				ND	7
22 Acetone	43	8.018	8.018	0.016	98	152033	3.05	M
23 Isopropyl alcohol	45	8.306	8.285	0.021	99	82901	1.74	
24 Carbon disulfide	76	8.365	8.365	0.005	55	5921	0.0520	M
26 3-Chloro-1-propene	41		8.633				ND	
27 Methylene Chloride	49	8.863	8.858	0.005	87	7543	0.1856	
28 2-Methyl-2-propanol	59	9.066	9.045	0.021	90	5886	0.0857	
30 trans-1,2-Dichloroethene	61	9.366	9.360	0.005	94	41653	0.7026	
31 Methyl tert-butyl ether	73		9.371				ND	MU
32 Hexane	57	9.890	9.884	0.005	91	107644	1.98	
33 1,1-Dichloroethane	63		10.115				ND	7
S 35 1,2-Dichloroethene, Total	61				0		0.7026	
36 2-Butanone (MEK)	72	11.078	11.094	0.016	97	12799	0.6132	
37 cis-1,2-Dichloroethene	96		11.105				ND	
* 39 Chlorobromomethane	128	11.511	11.506	0.005	77	477591	10.0	
40 Tetrahydrofuran	42	11.564	11.554	0.010	85	37486	0.9842	
41 Chloroform	83	11.687	11.693	0.005	90	33998	0.3435	
42 1,1,1-Trichloroethane	97		12.003				ND	7
43 Cyclohexane	84	12.164	12.158	0.006	90	134630	2.23	
44 Carbon tetrachloride	117	12.287	12.287	0.000	15	2534	0.0195	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	12.624	12.629	0.000	95	166577	1.21	
46 1,2-Dichloroethane	62		12.677				ND	MU
47 Isooctane	57	12.864	12.859	0.005	98	8609822	46.4	E
48 n-Heptane	43	13.164	13.164	0.000	90	287488	4.26	
* 49 1,4-Difluorobenzene	114	13.346	13.346	0.000	94	2415899	10.0	
51 Trichloroethene	95	13.779	13.779	-0.006	53	2319	0.0319	M
53 1,2-Dichloropropane	63	14.239	14.239	0.010	47	7069	0.1458	M
54 Methyl methacrylate	69		14.314				ND	MU
55 1,4-Dioxane	88		14.352				ND	
58 Dichlorobromomethane	83		14.689				ND	MU
59 cis-1,3-Dichloropropene	75		15.491				ND	7
61 4-Methyl-2-pentanone (MIBK)	43		15.743				ND	MU
62 Toluene	92	16.144	16.144	0.000	93	476789	4.44	
66 trans-1,3-Dichloropropene	75		16.540				ND	7
67 1,1,2-Trichloroethane	83		16.909				ND	MU
68 Tetrachloroethene	166	17.150	17.139	0.011	55	7921	0.0753	
69 2-Hexanone	43		17.316				ND	MU
70 Chlorodibromomethane	129		17.647				ND	7
71 Ethylene Dibromide	107		17.888				ND	MU
* 73 Chlorobenzene-d5	117	18.808	18.808	0.000	86	2299532	10.0	
74 Chlorobenzene	112	18.872	18.867	0.005	51	11847	0.0743	
75 Ethylbenzene	91	19.065	19.065	0.000	67	169384	0.7018	M
76 m-Xylene & p-Xylene	106	19.316	19.321	-0.006	0	1933701	20.2	
78 o-Xylene	106	20.097	20.097	-0.001	99	950851	10.2	
S 80 Xylenes, Total	106				0		30.3	
79 Styrene	104		20.130				ND	MU
81 Bromoform	173		20.456				ND	
82 Isopropylbenzene	105	20.793	20.793	0.000	71	50924	0.1805	M
83 1,1,2,2-Tetrachloroethane	83		21.285				ND	MU
86 2-Chlorotoluene	91		21.649				ND	MU
87 4-Ethyltoluene	105	21.702	21.702	0.000	99	626604	2.27	
88 1,3,5-Trimethylbenzene	105	21.799	21.798	0.000	93	1698074	7.22	
92 1,2,4-Trimethylbenzene	105	22.366	22.365	0.000	98	687793	2.88	
94 1,3-Dichlorobenzene	146		22.772				ND	7
95 4-Isopropyltoluene	119	22.815	22.820	-0.006	97	77934	0.2562	
96 1,4-Dichlorobenzene	146		22.912				ND	MU
97 Benzyl chloride	91		23.051				ND	MU
99 1,2-Dichlorobenzene	146		23.398				ND	MU
102 1,2,4-Trichlorobenzene	180		25.832				ND	7
103 Hexachlorobutadiene	225		26.084				ND	
104 Naphthalene	128	26.319	26.319	0.016	26	2959	0.0112	7M

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

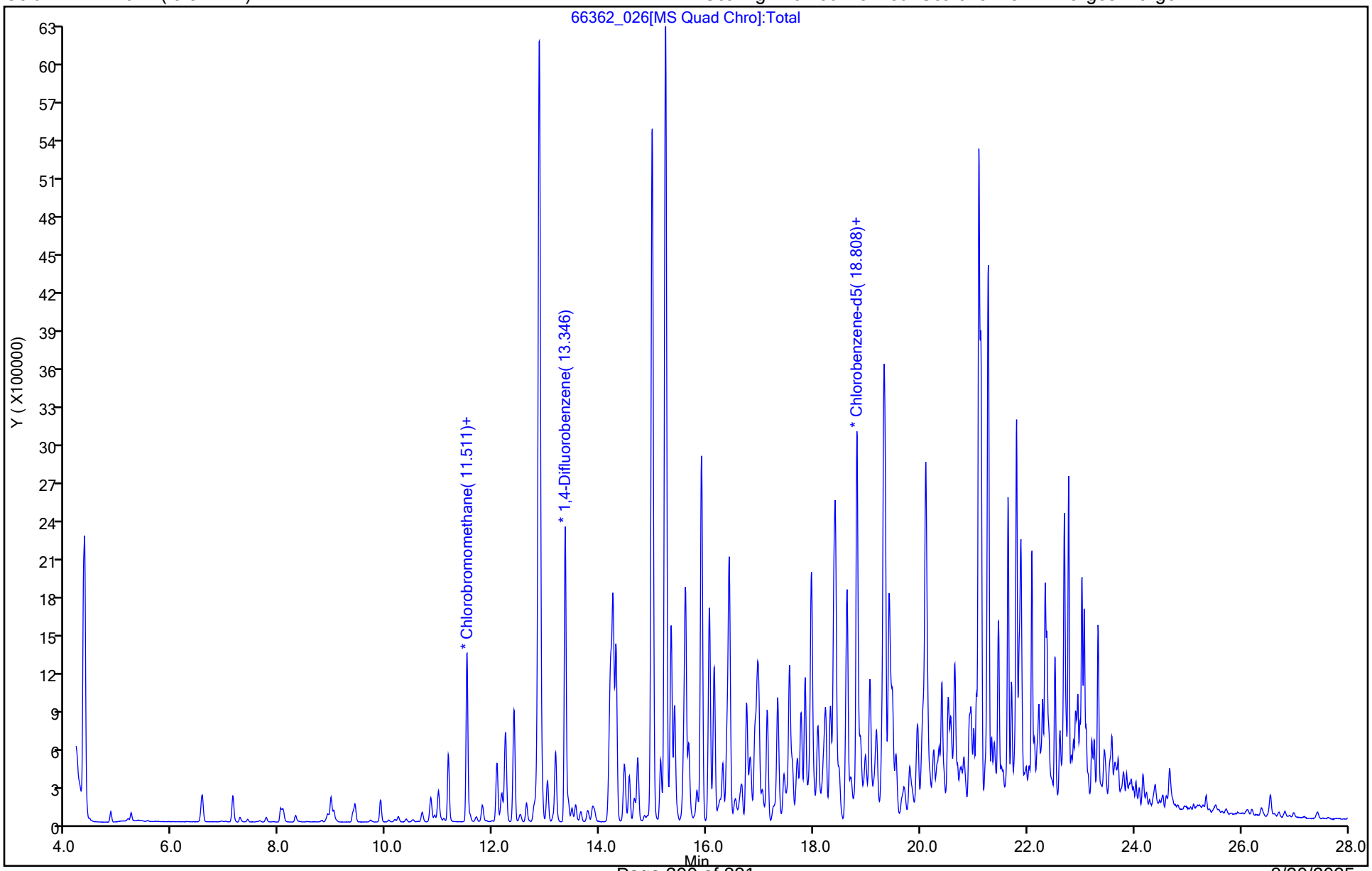
ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 18-Aug-2025 10:19:39 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3	Worklist Smp#:	26
Client ID:	SSDS_INF_20250813				
Purge Vol:	200.000 mL	Dil. Factor:	5.0000	ALS Bottle#:	25
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D		
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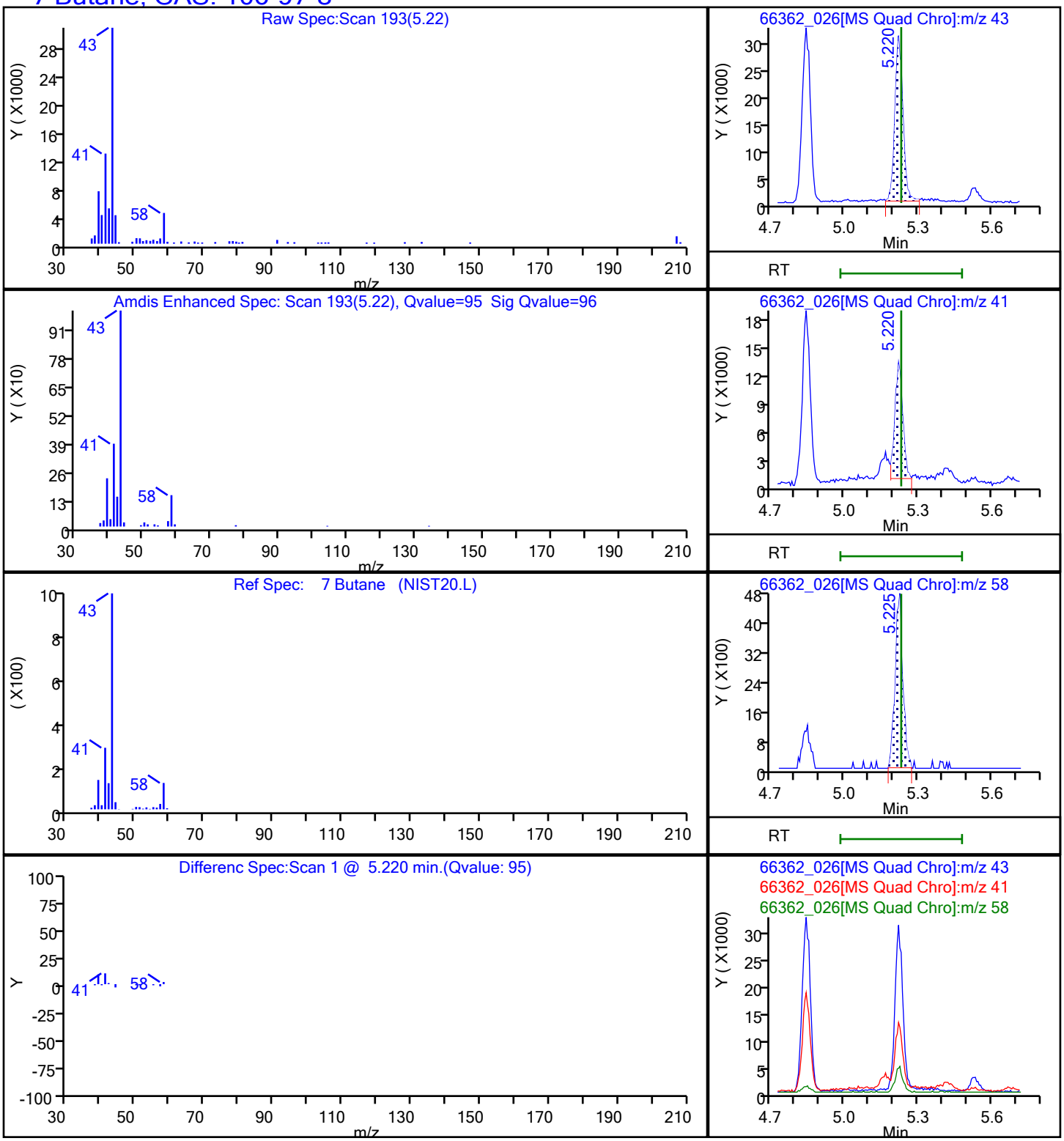
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3
Client ID:	SSDS_INF_20250813		
Operator ID:	wrd	ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

7 Butane, CAS: 106-97-8



Eurofins Burlington

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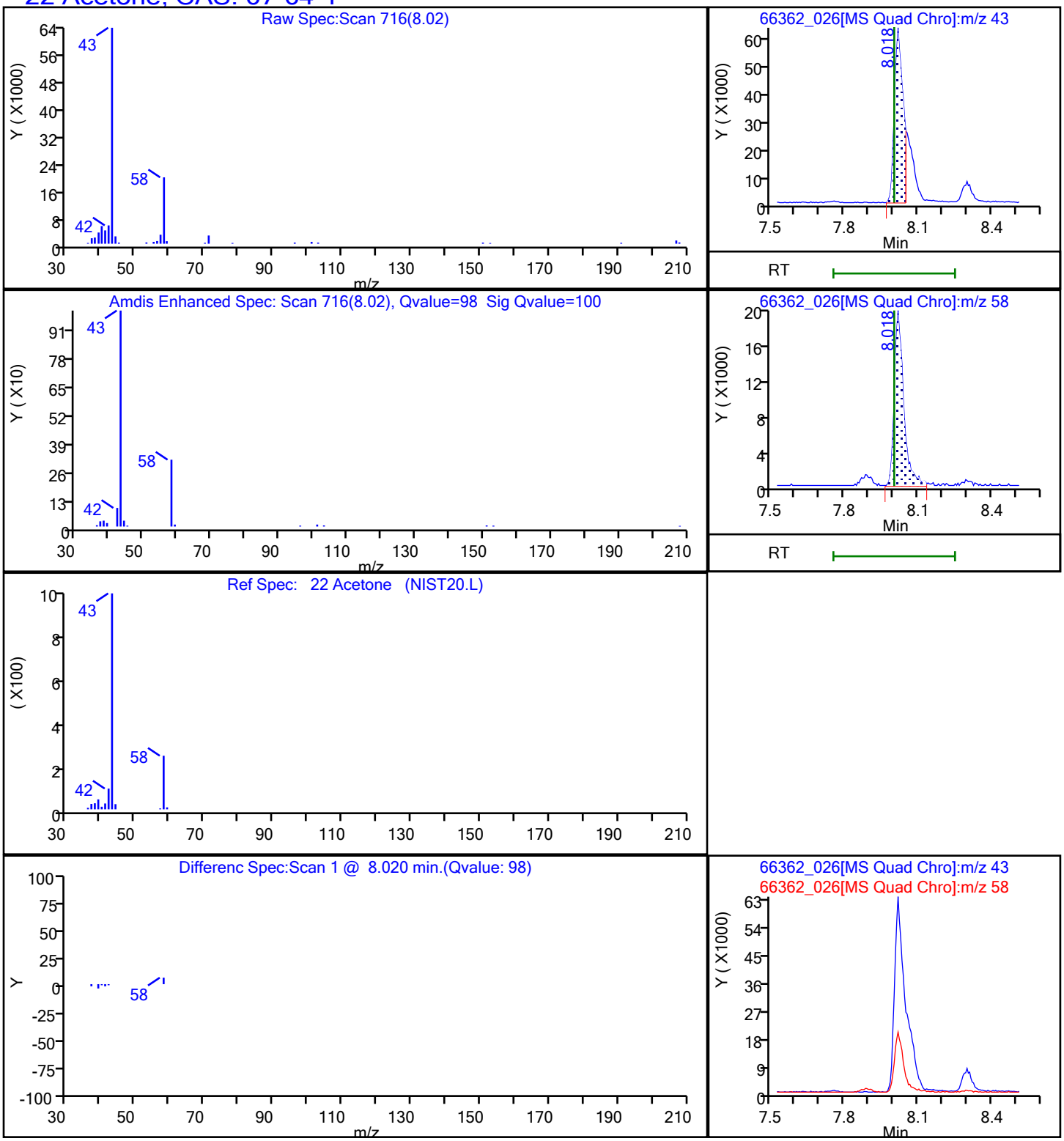
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1



Eurofins Burlington

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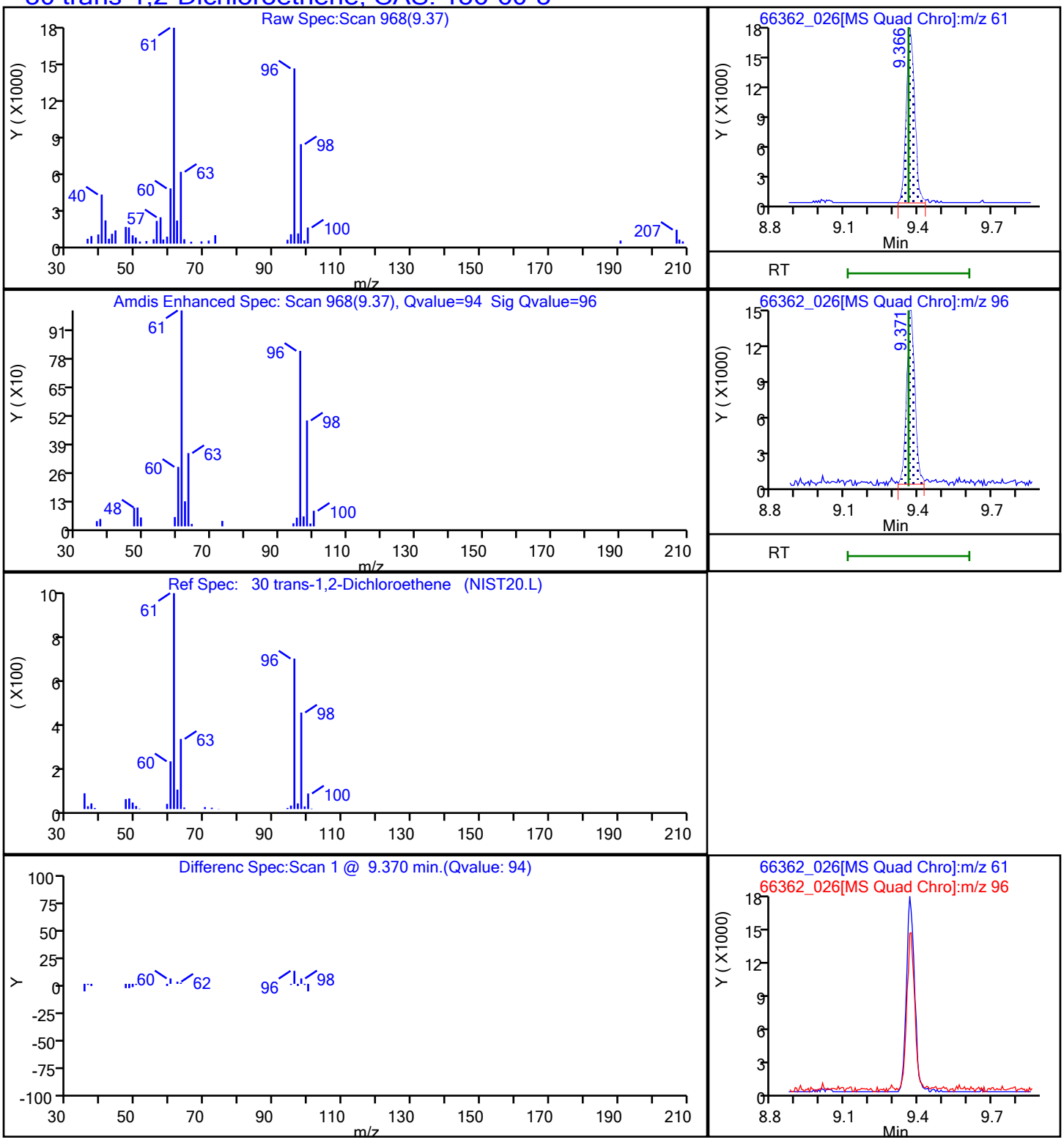
Injection Date: 16-Aug-2025 04:41:24 Instrument ID: CHAN.i
Lims ID: 200-78914-A-3 Lab Sample ID: 200-78914-3
Client ID: SSDS_INF_20250813
Operator ID: wrd ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 5.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

30 trans-1,2-Dichloroethene, CAS: 156-60-5



Report Date: 18-Aug-2025 10:19:39 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

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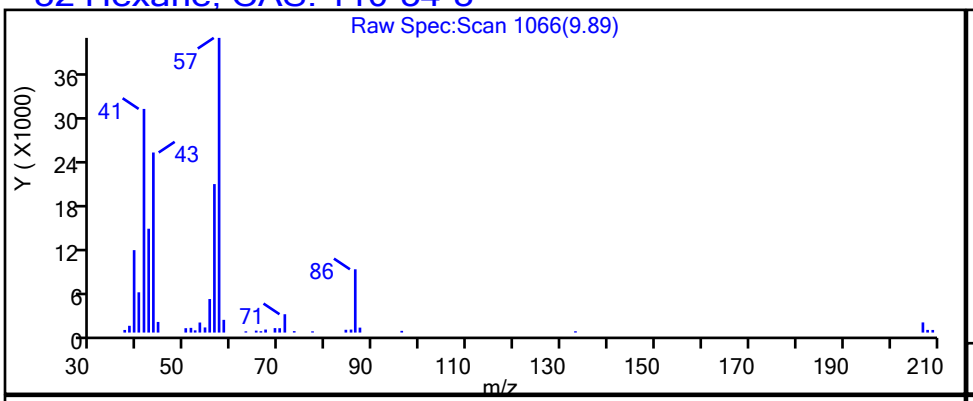
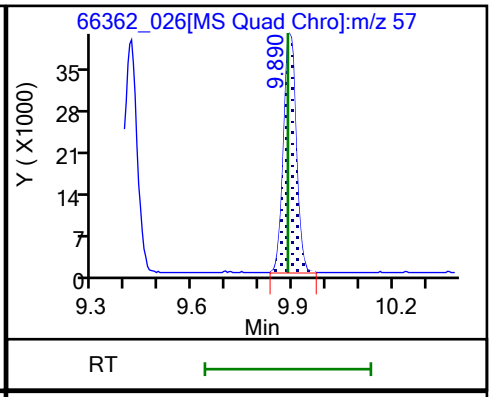
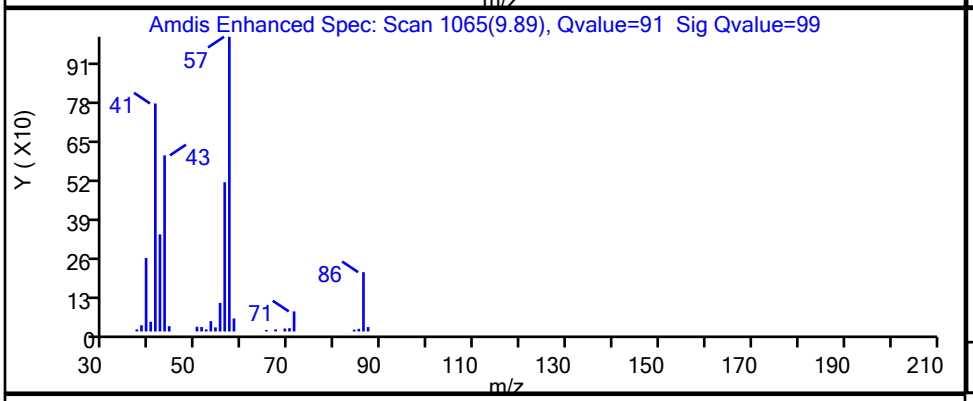
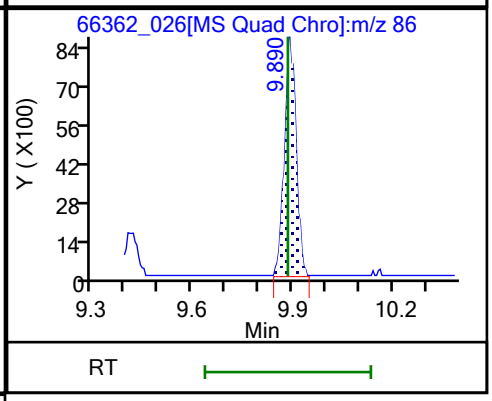
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

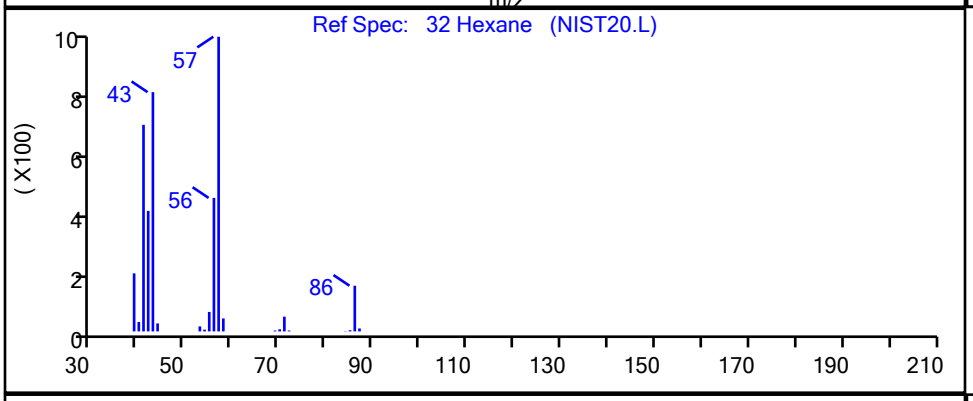
32 Hexane, CAS: 110-54-3

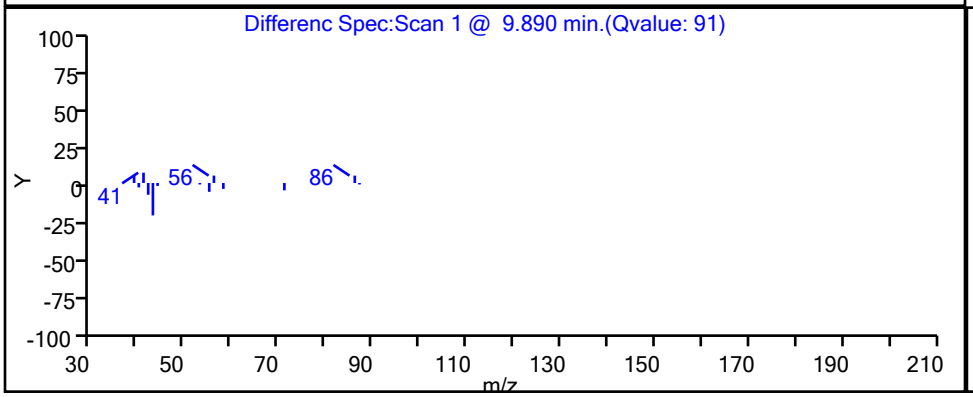


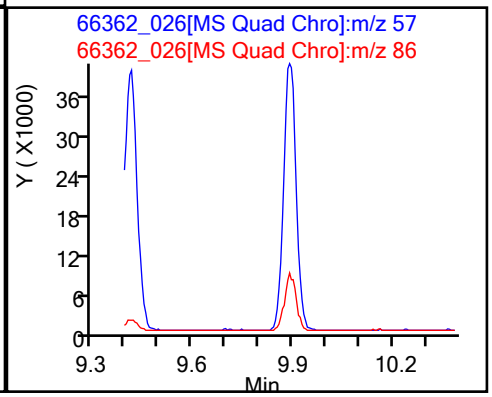








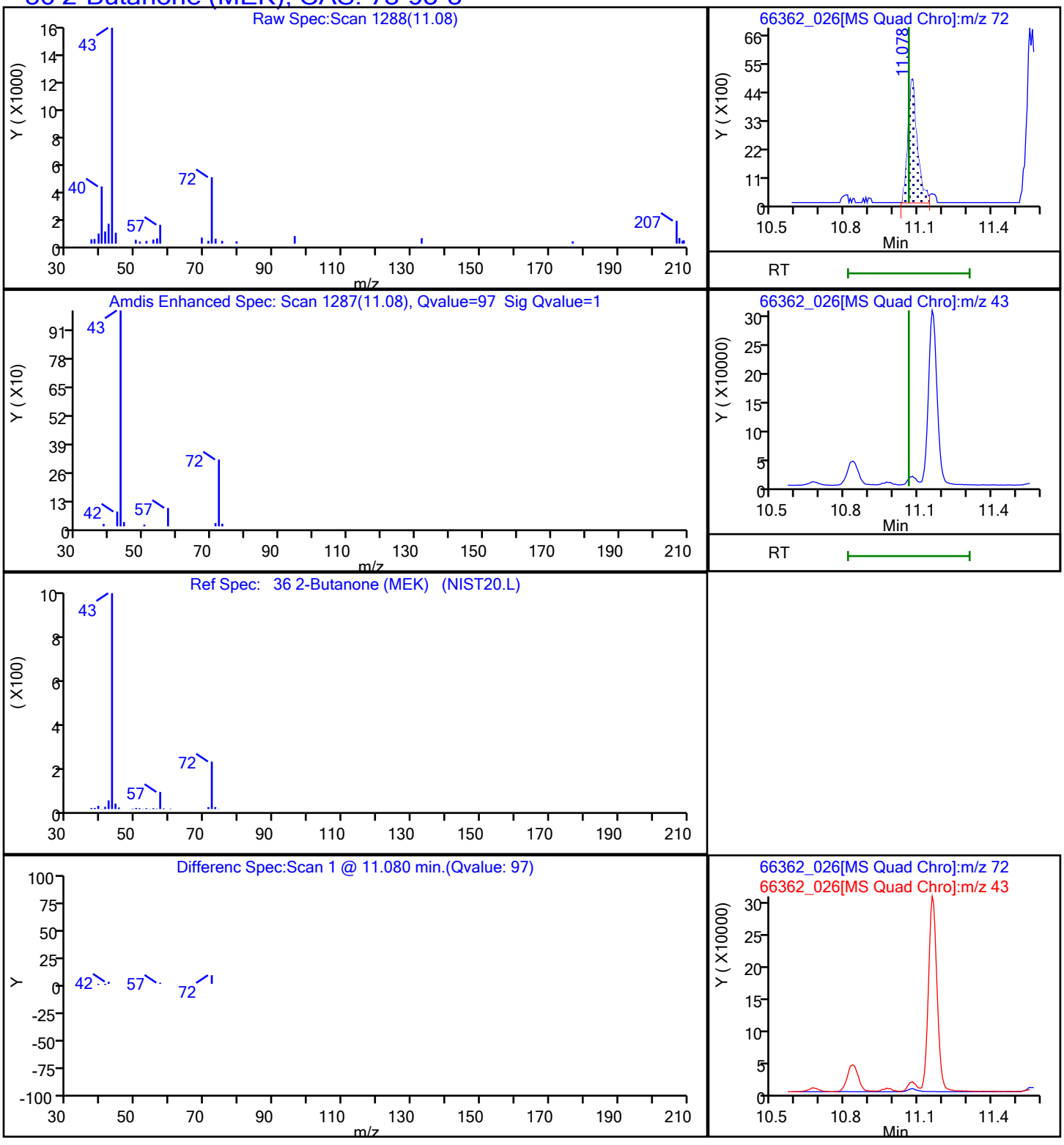




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D		
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3
Client ID:	SSDS_INF_20250813		
Operator ID:	wrd	ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

36 2-Butanone (MEK), CAS: 78-93-3



Eurofins Burlington

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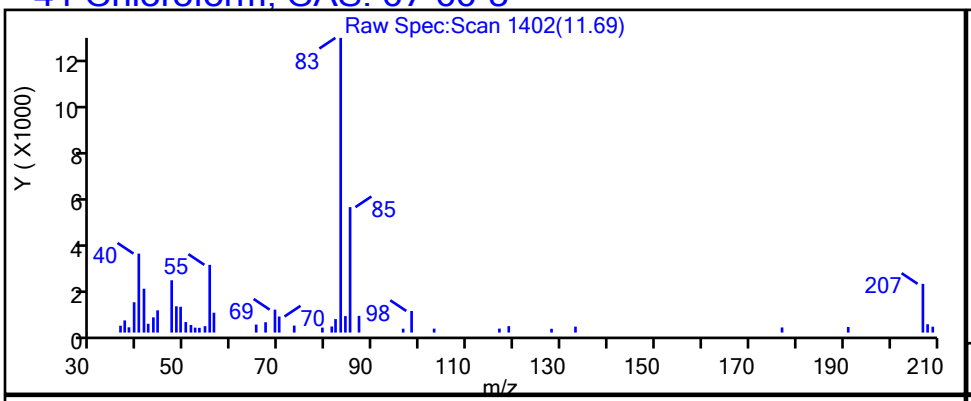
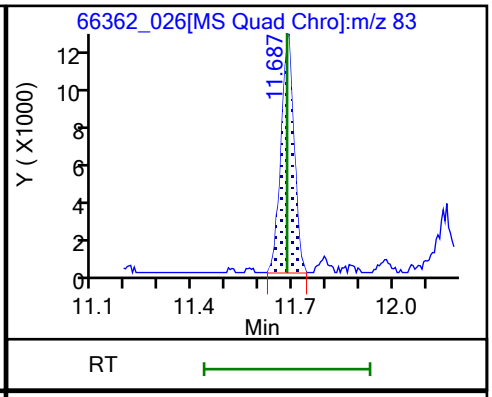
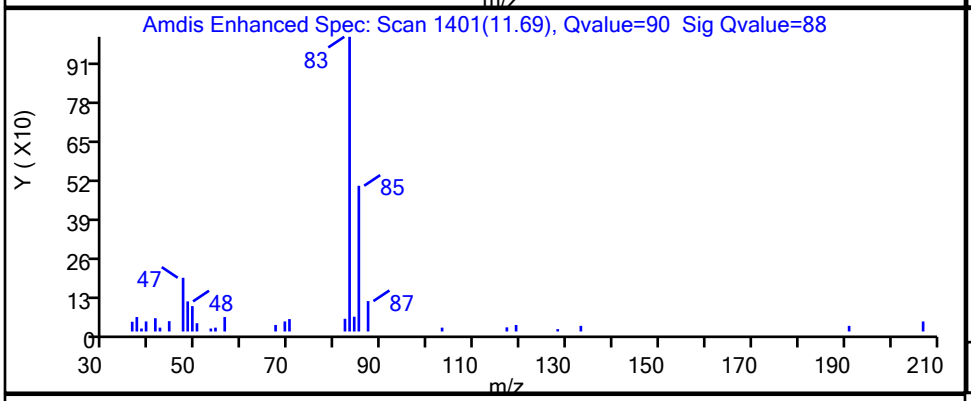
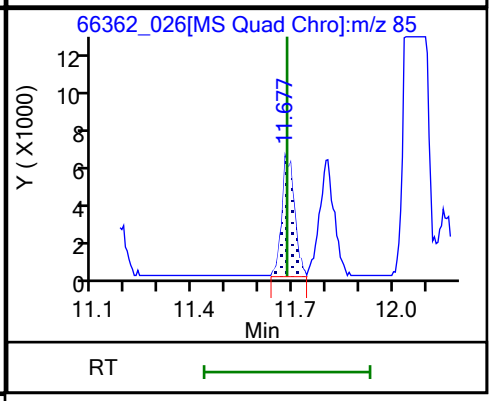
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

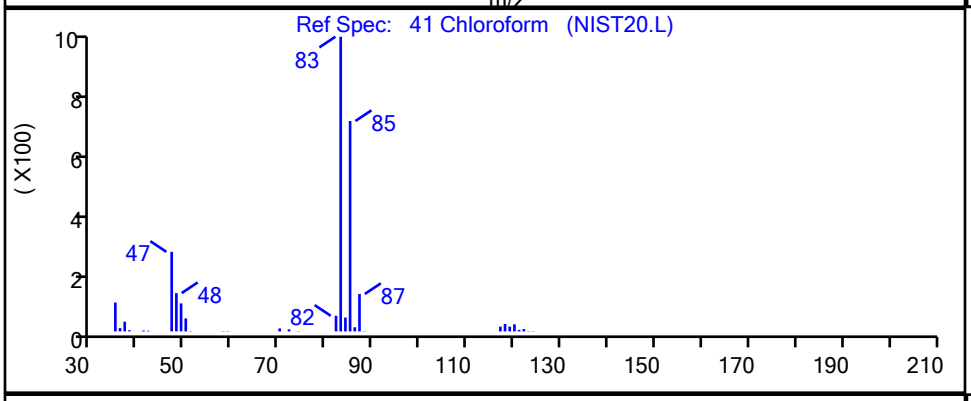
41 Chloroform, CAS: 67-66-3

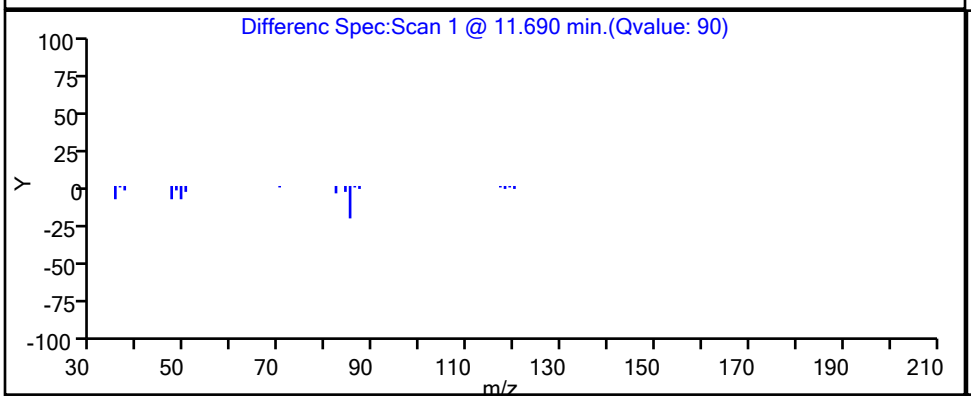


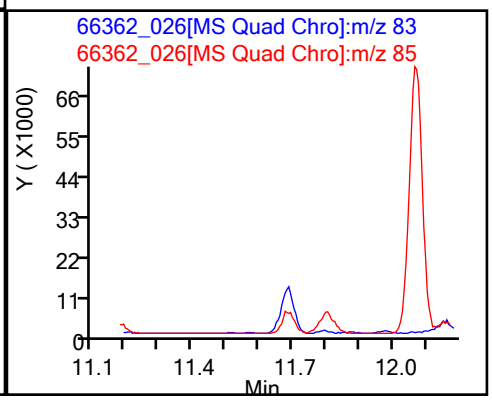








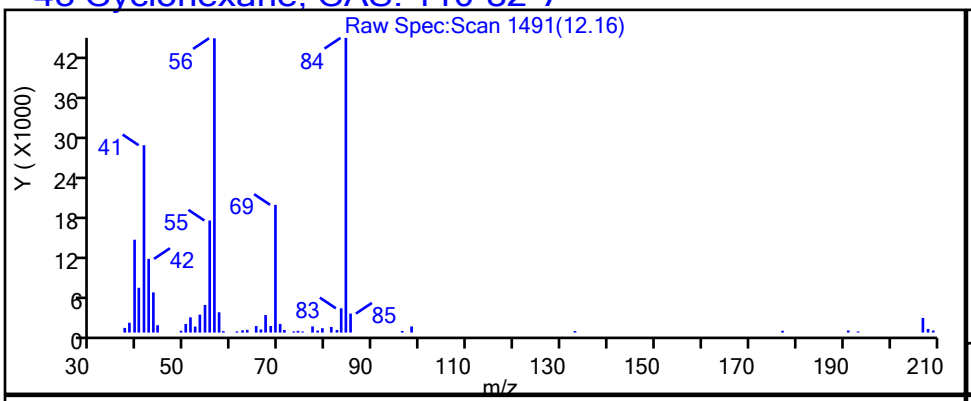


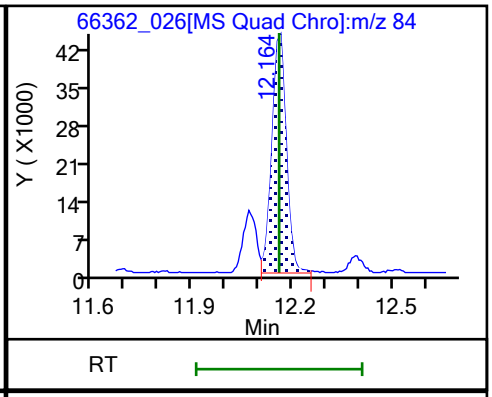


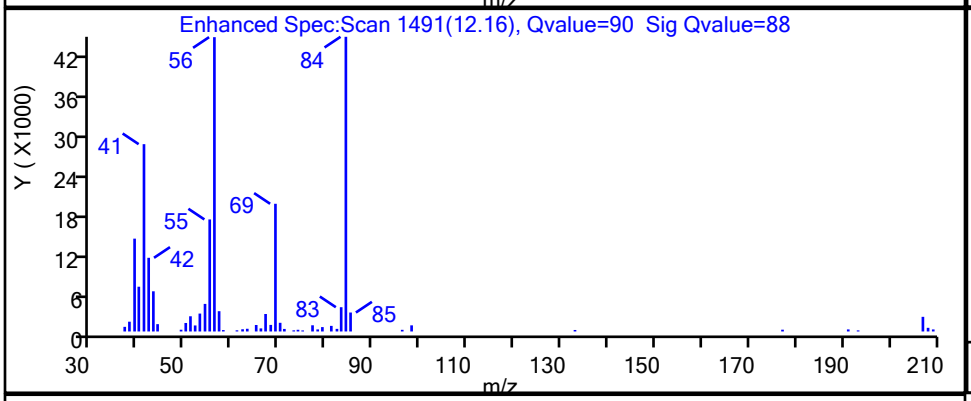
Eurofins Burlington

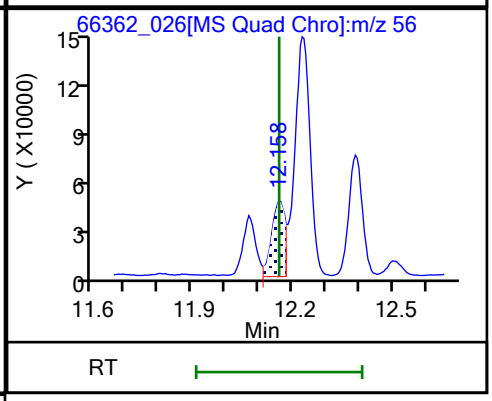
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

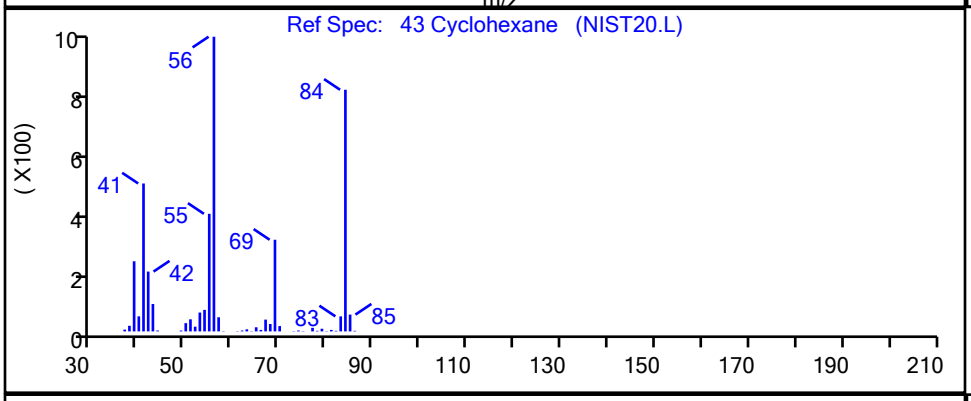
43 Cyclohexane, CAS: 110-82-7

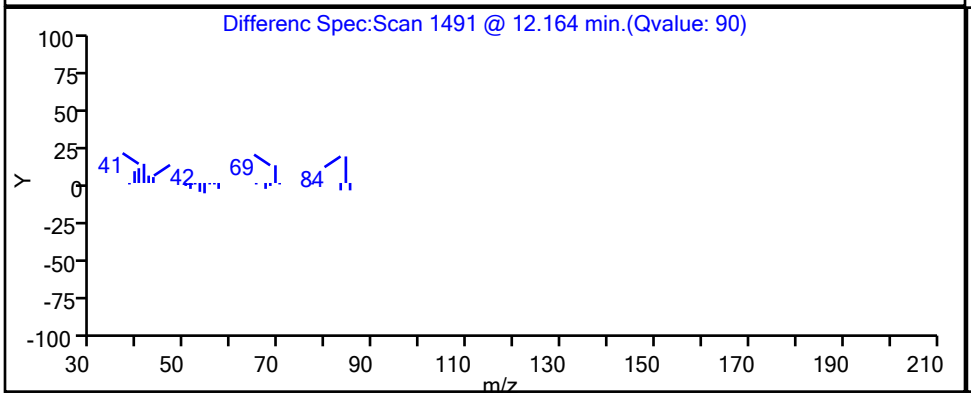


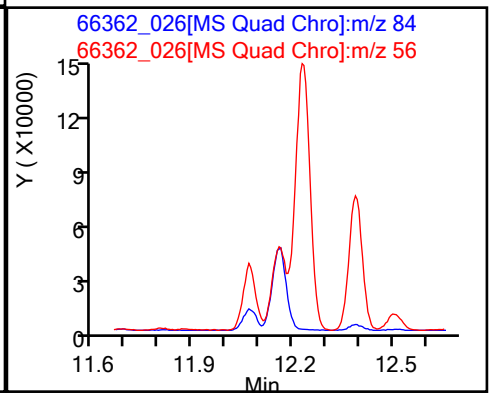












Report Date: 18-Aug-2025 10:19:39 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

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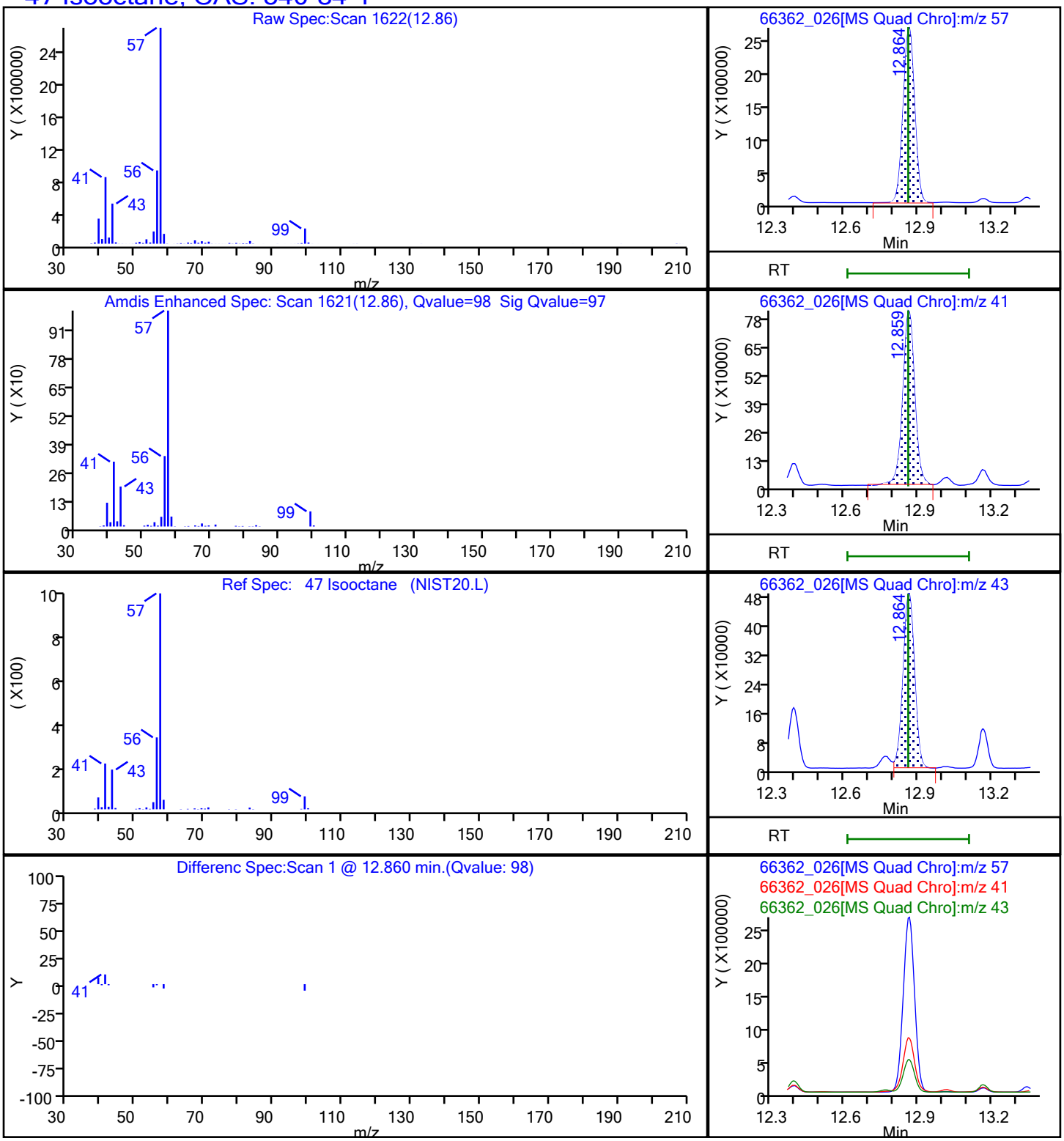
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Isooctane, CAS: 540-84-1



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Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
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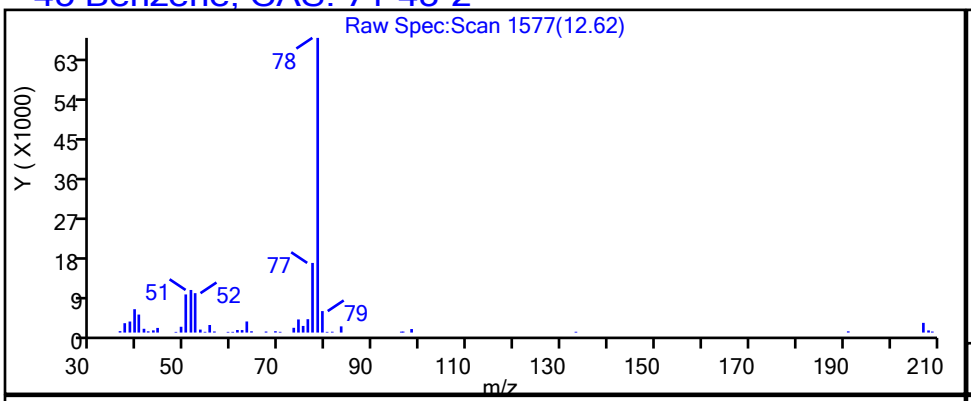
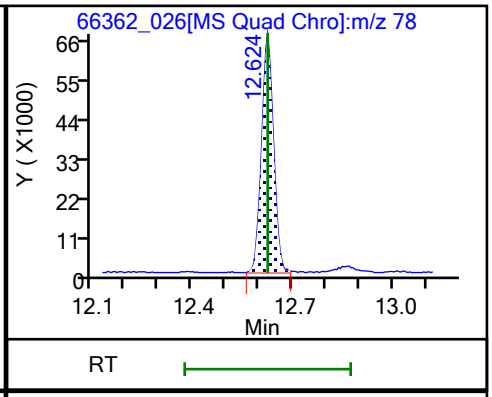
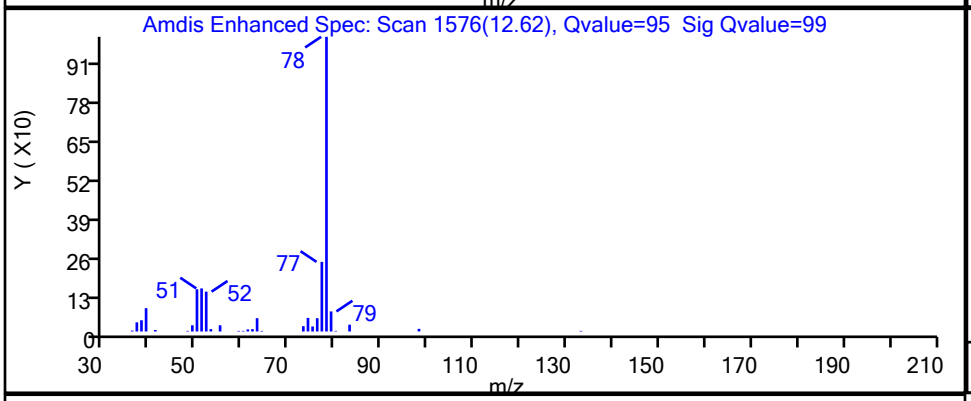
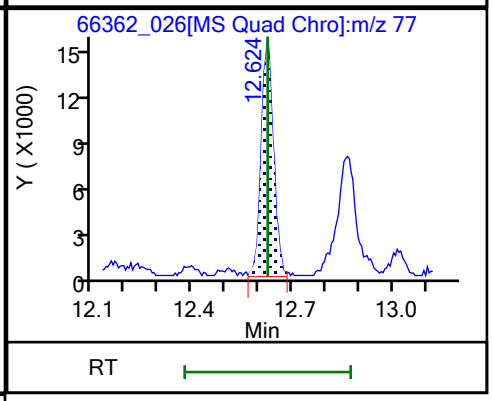
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

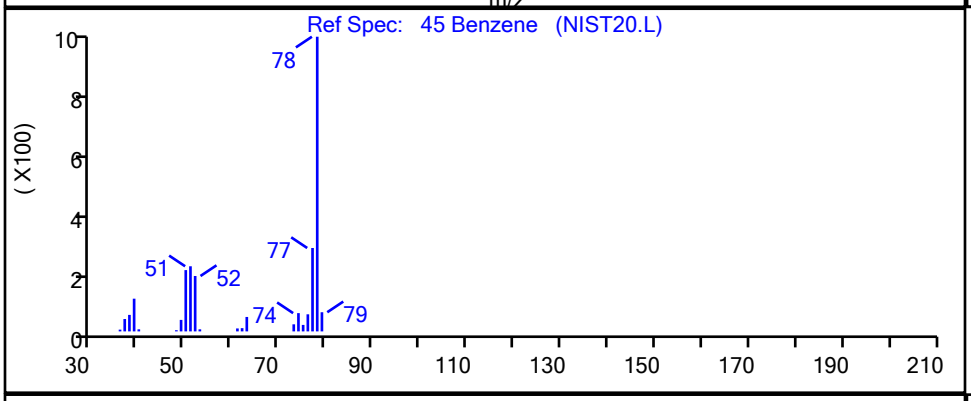
45 Benzene, CAS: 71-43-2

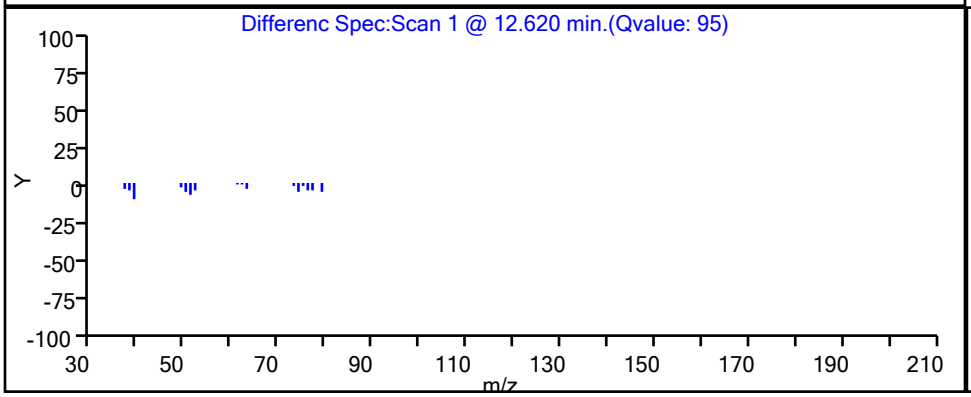


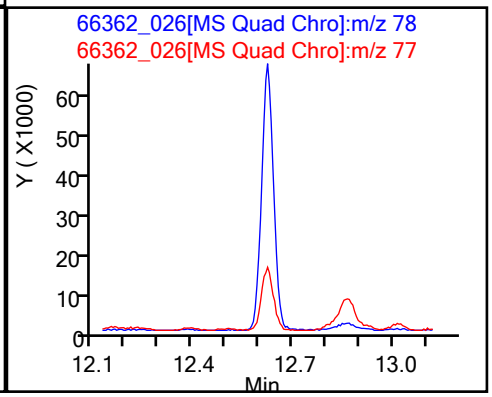








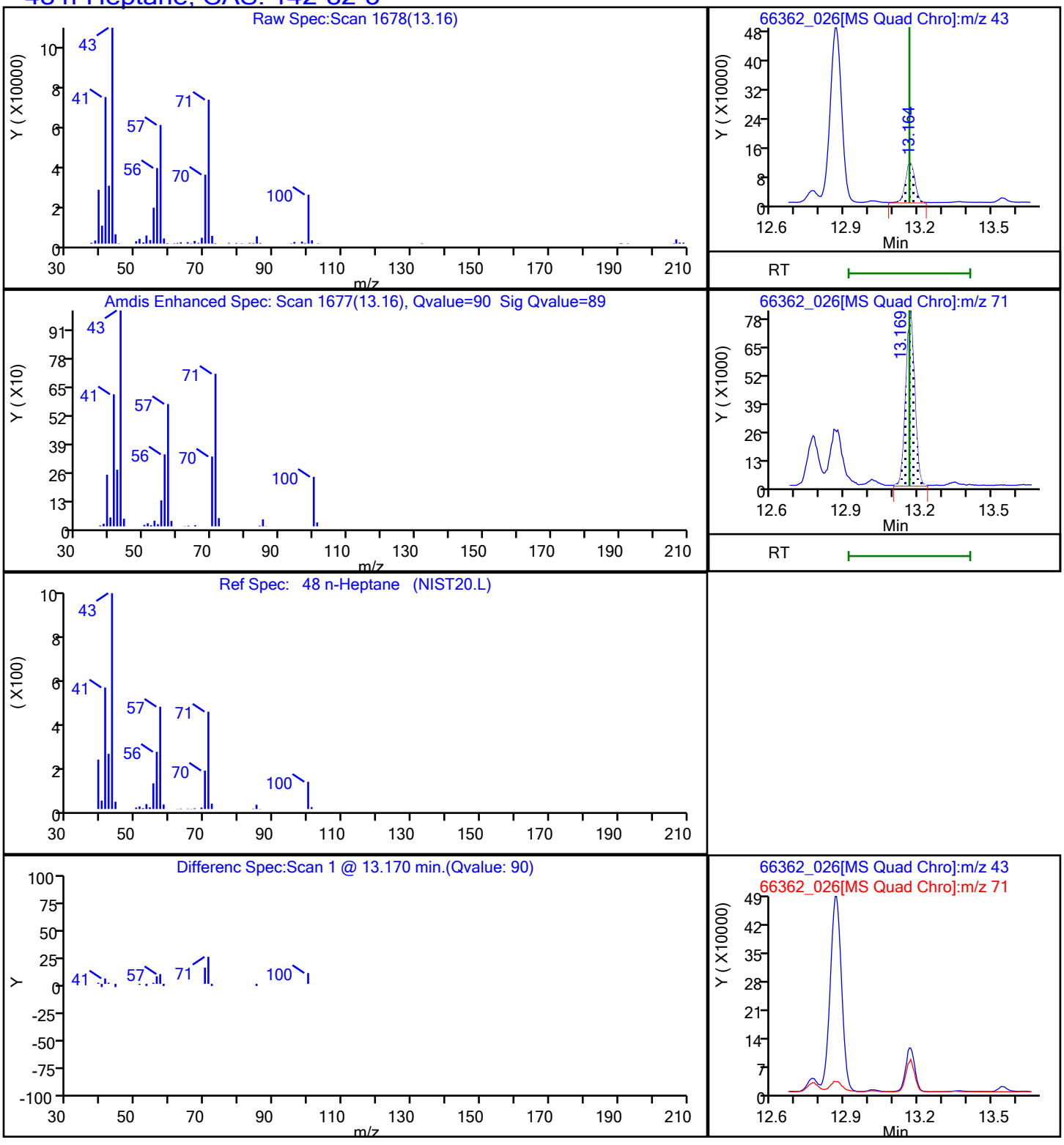




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 n-Heptane, CAS: 142-82-5



Report Date: 18-Aug-2025 10:19:40 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

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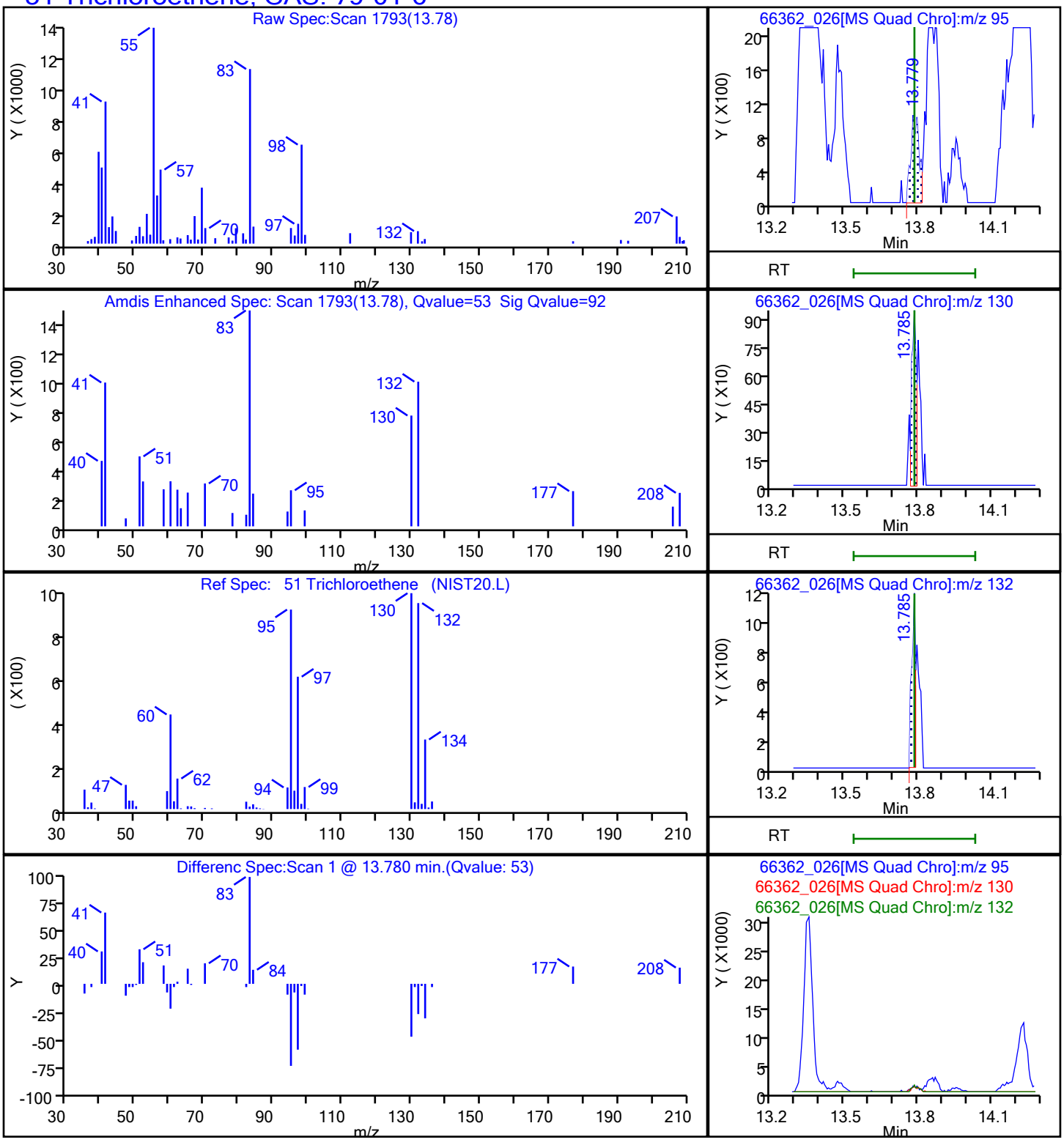
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6



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Report Date: 18-Aug-2025 10:19:40 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

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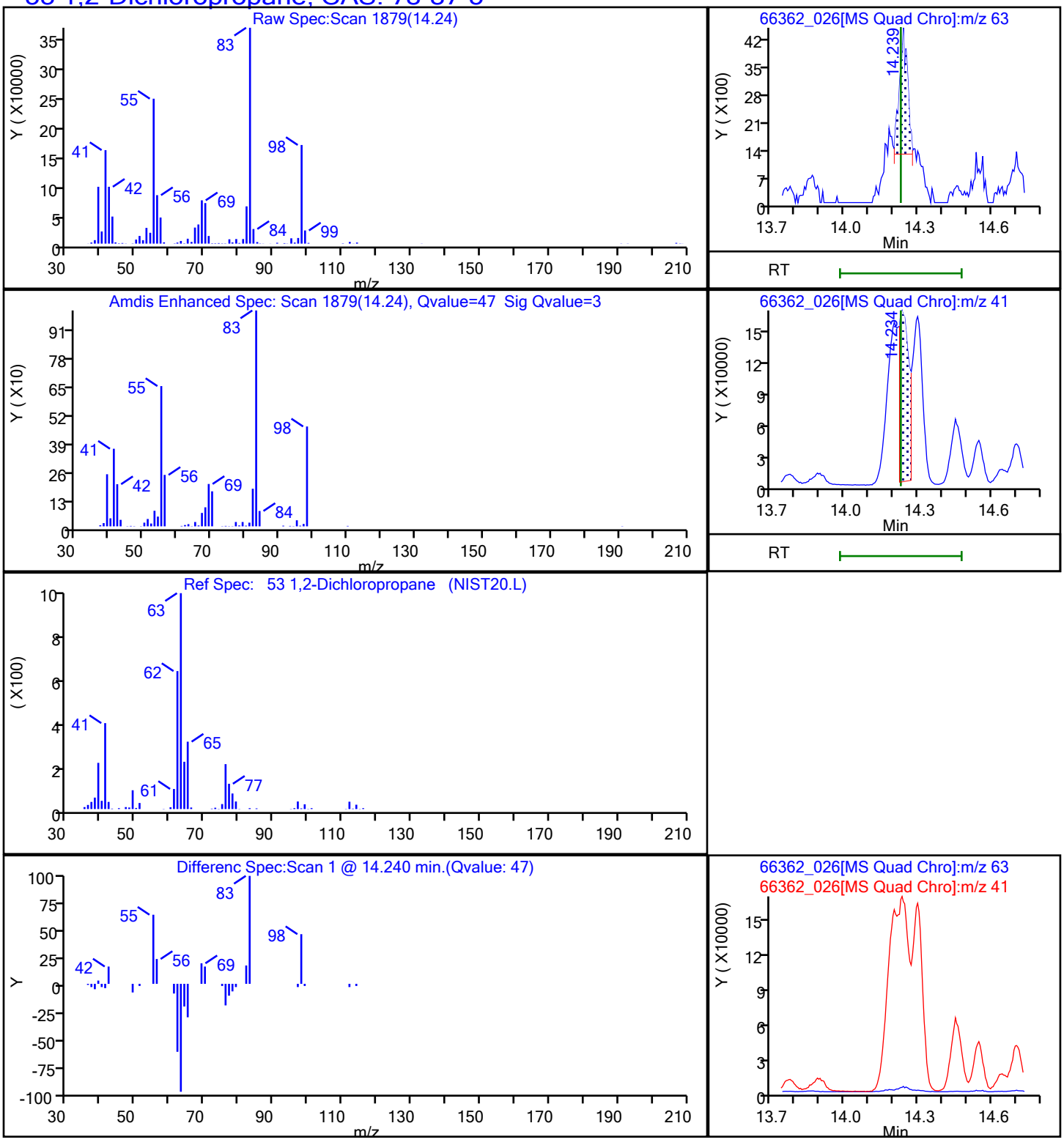
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 1,2-Dichloropropane, CAS: 78-87-5



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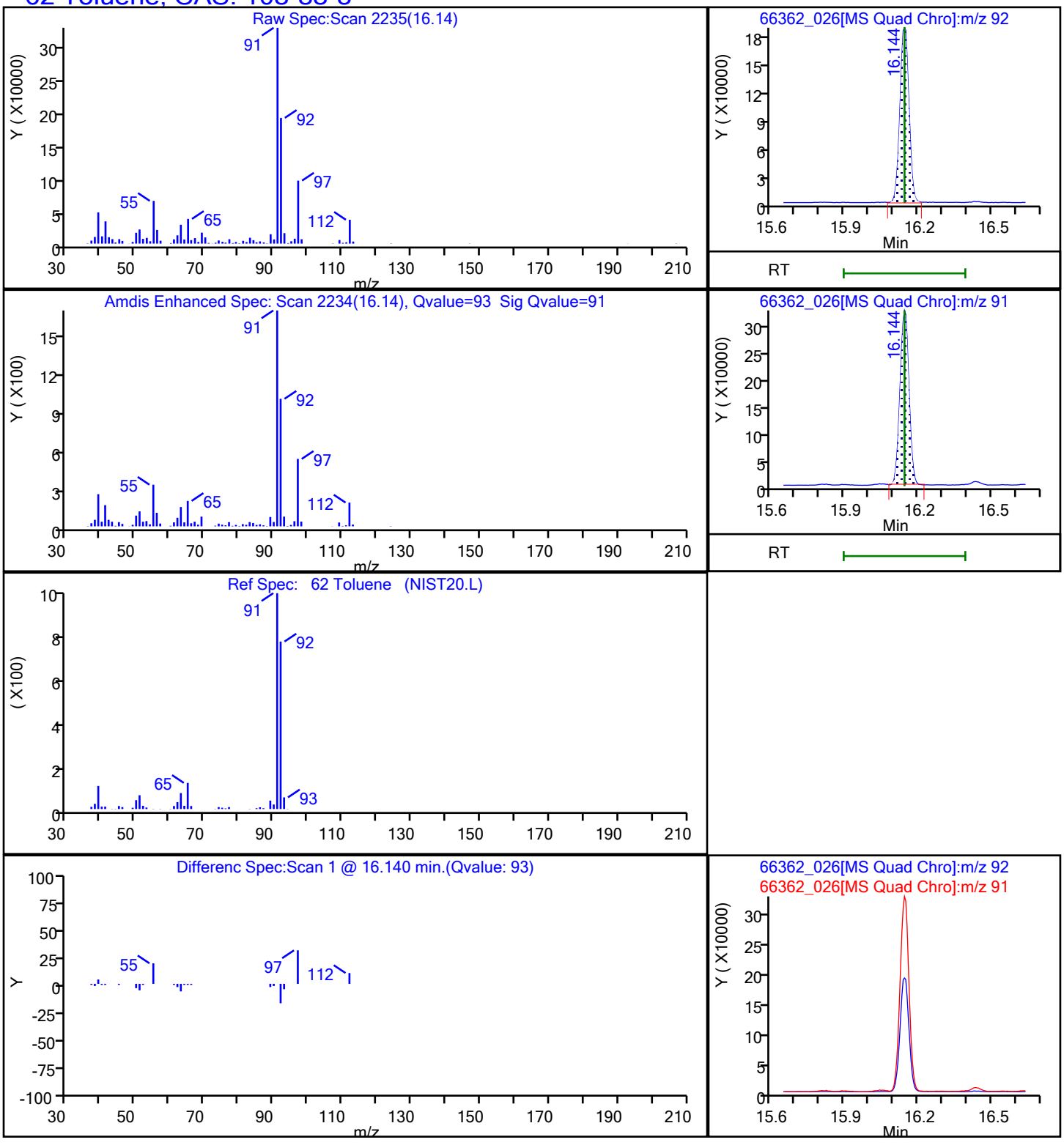
Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D

Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

62 Toluene, CAS: 108-88-3



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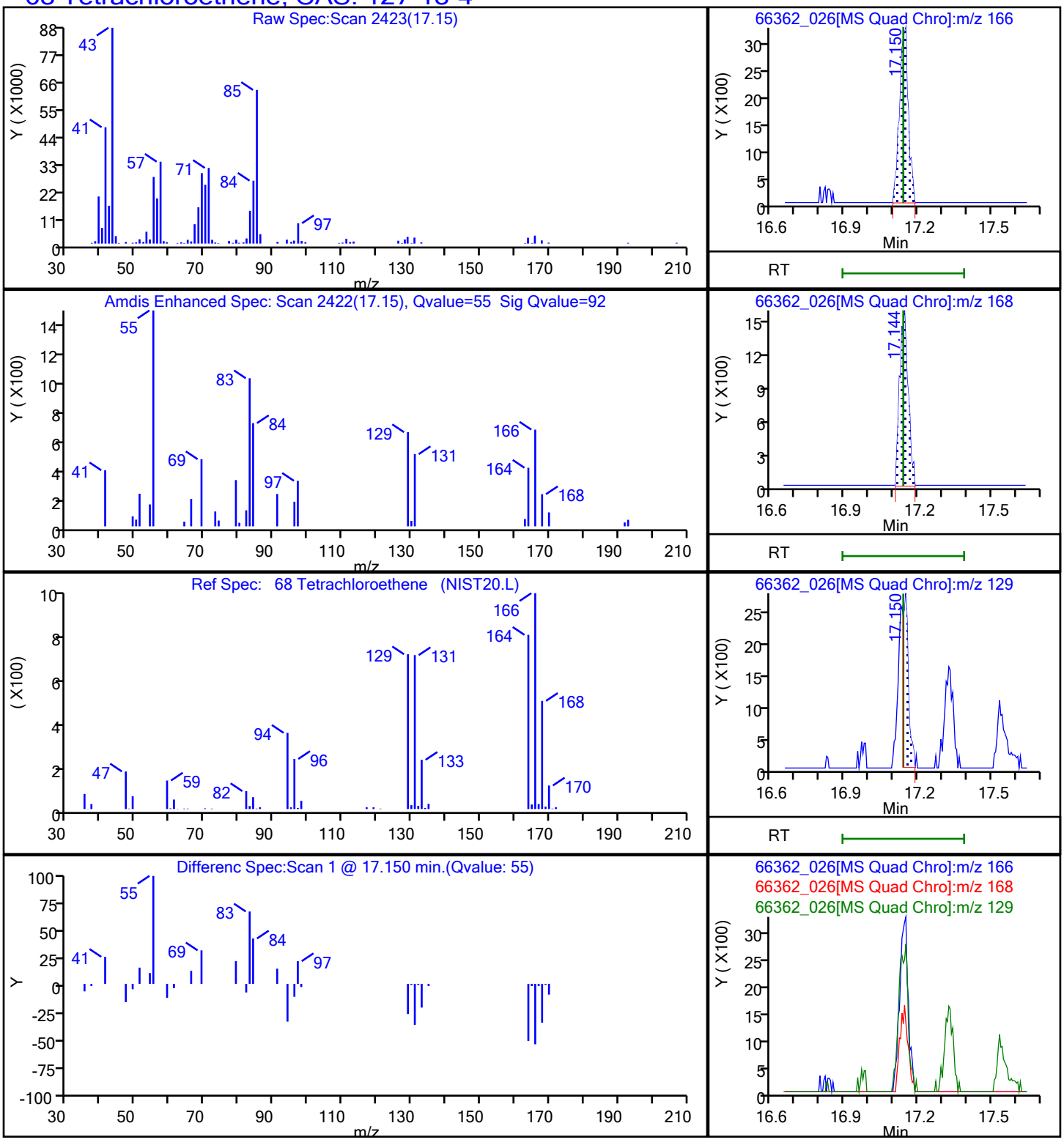
Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D
Injection Date: 16-Aug-2025 04:41:24 Instrument ID: CHAN.i
Lims ID: 200-78914-A-3 Lab Sample ID: 200-78914-3
Client ID: SSDS_INF_20250813
Operator ID: wrd ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 5.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

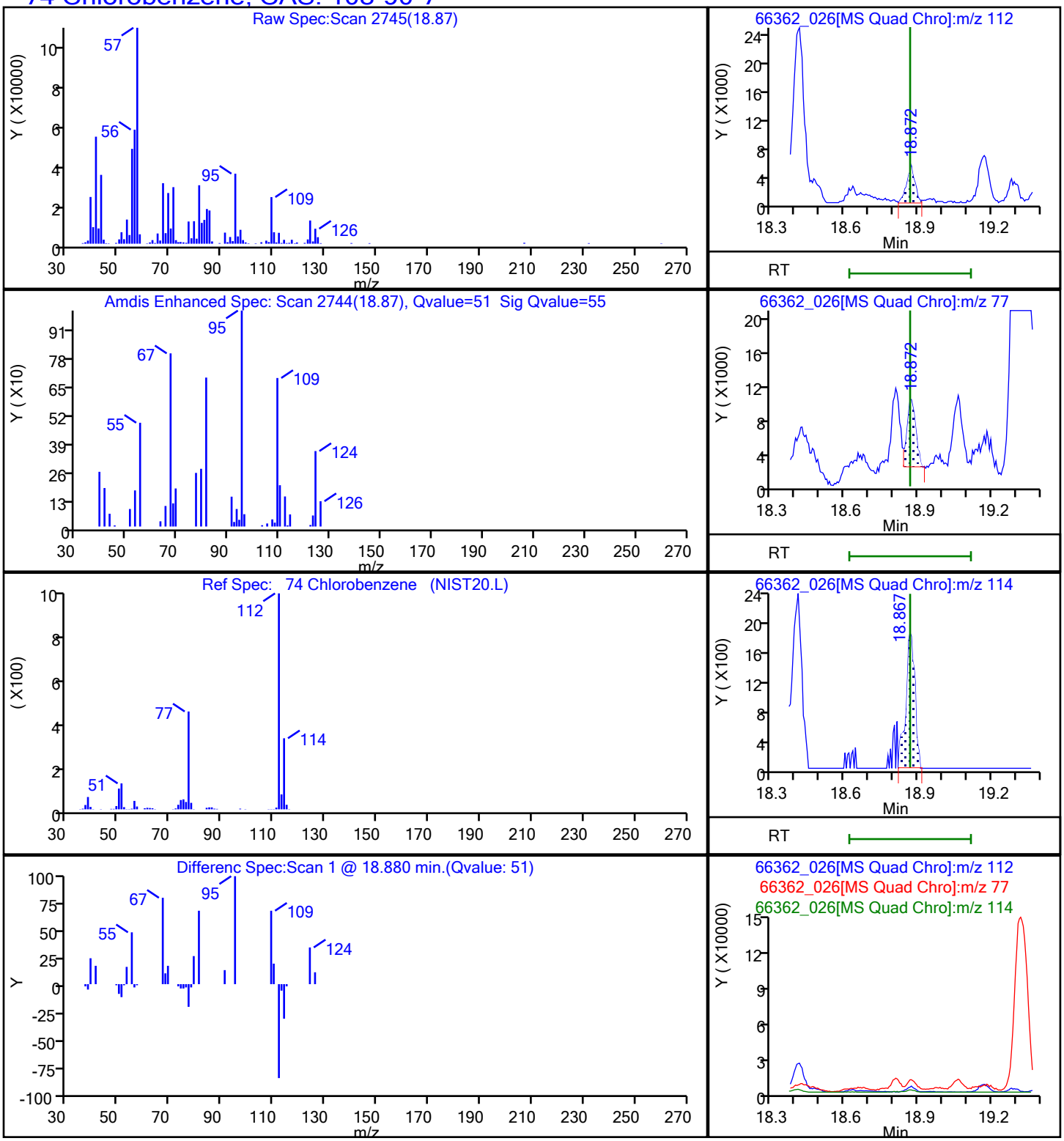
68 Tetrachloroethene, CAS: 127-18-4



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Chlorobenzene, CAS: 108-90-7



Eurofins Burlington

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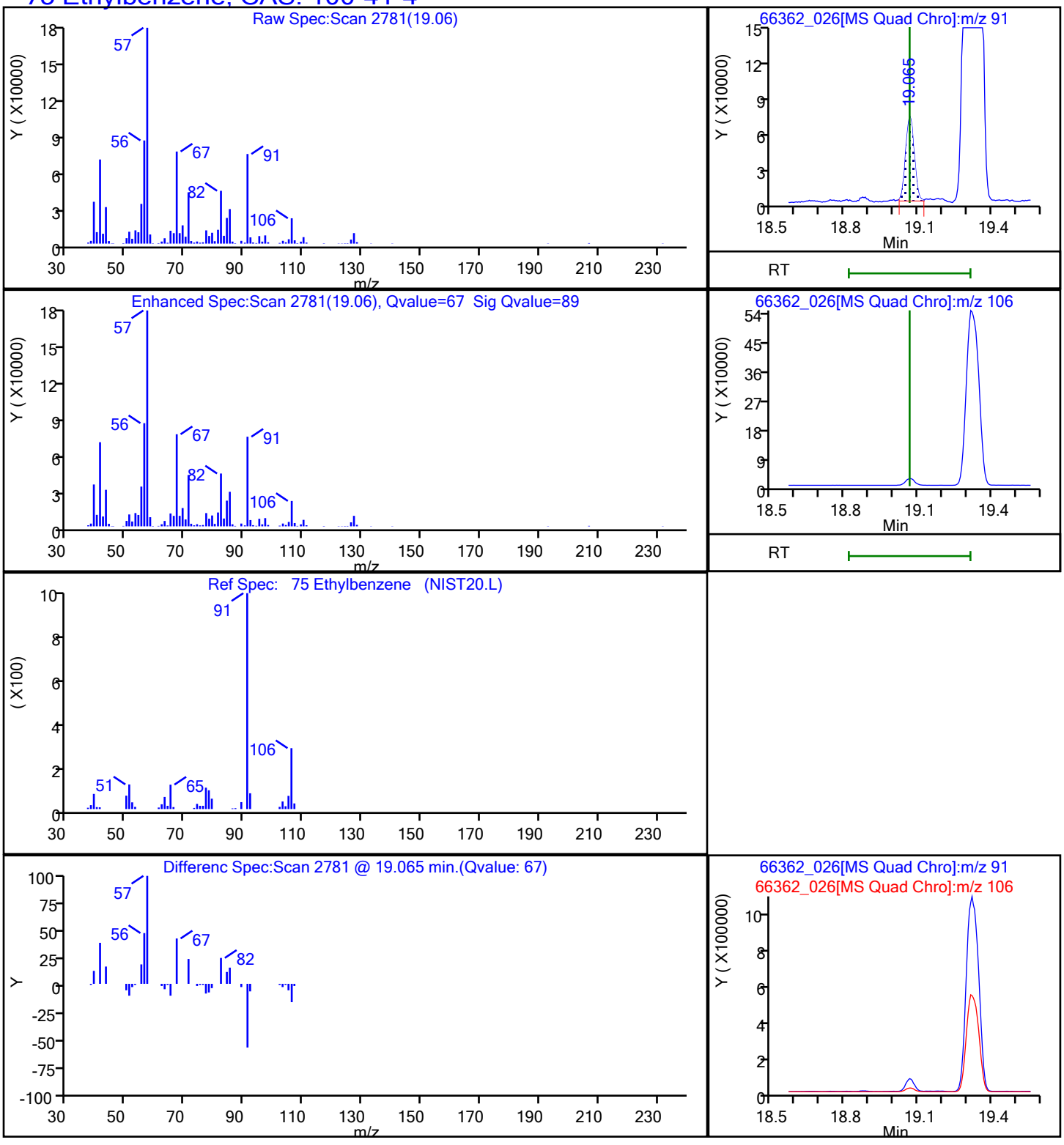
Injection Date: 16-Aug-2025 04:41:24 Instrument ID: CHAN.i
Lims ID: 200-78914-A-3 Lab Sample ID: 200-78914-3
Client ID: SSDS_INF_20250813
Operator ID: wrd ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 5.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

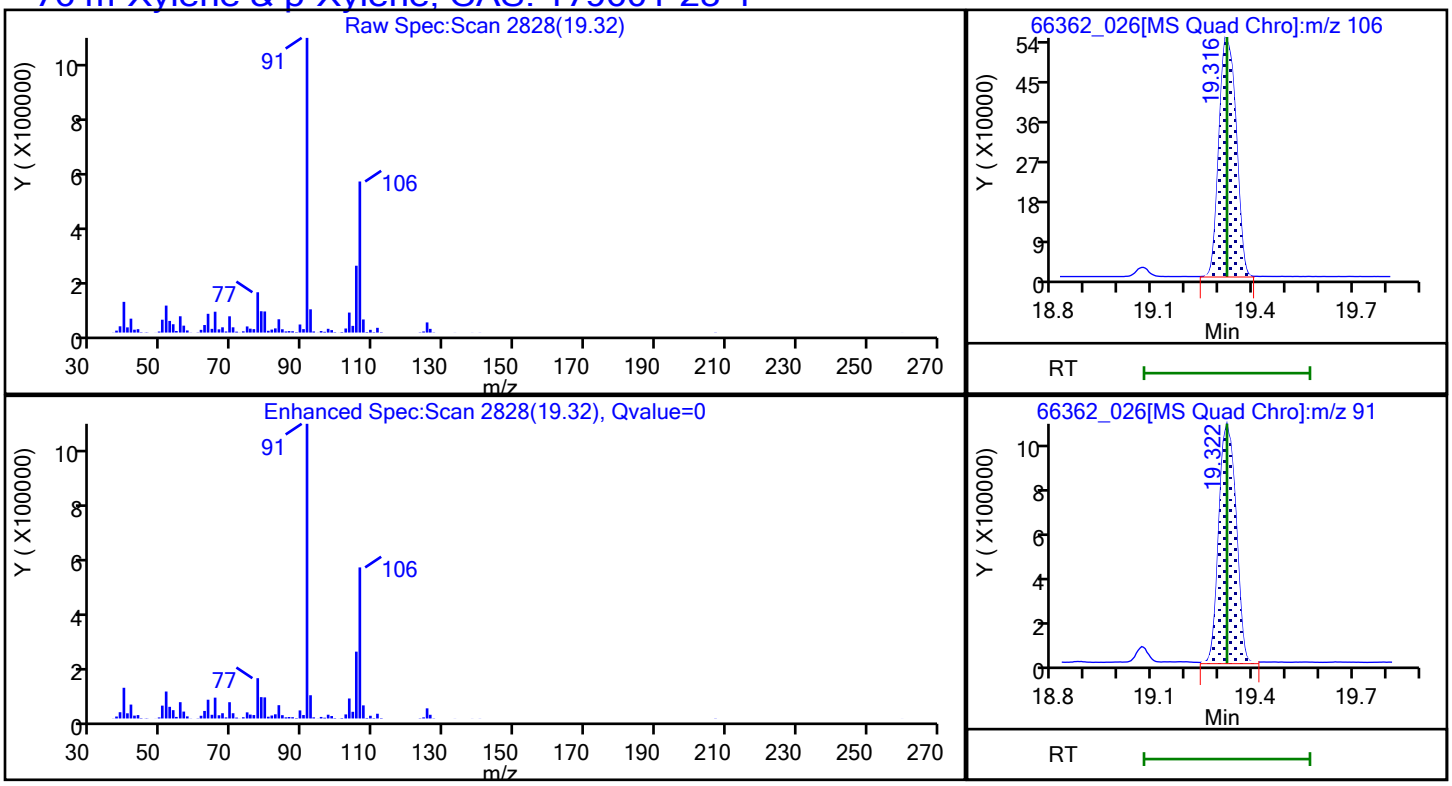
75 Ethylbenzene, CAS: 100-41-4

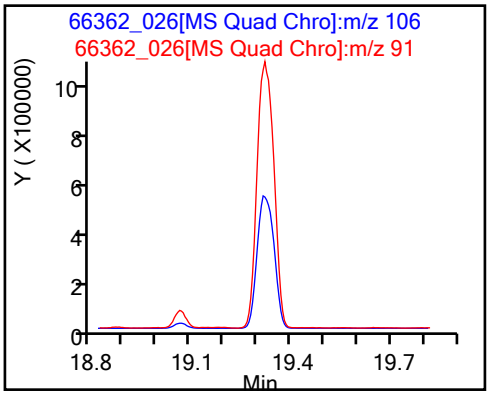


Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 m-Xylene & p-Xylene, CAS: 179601-23-1





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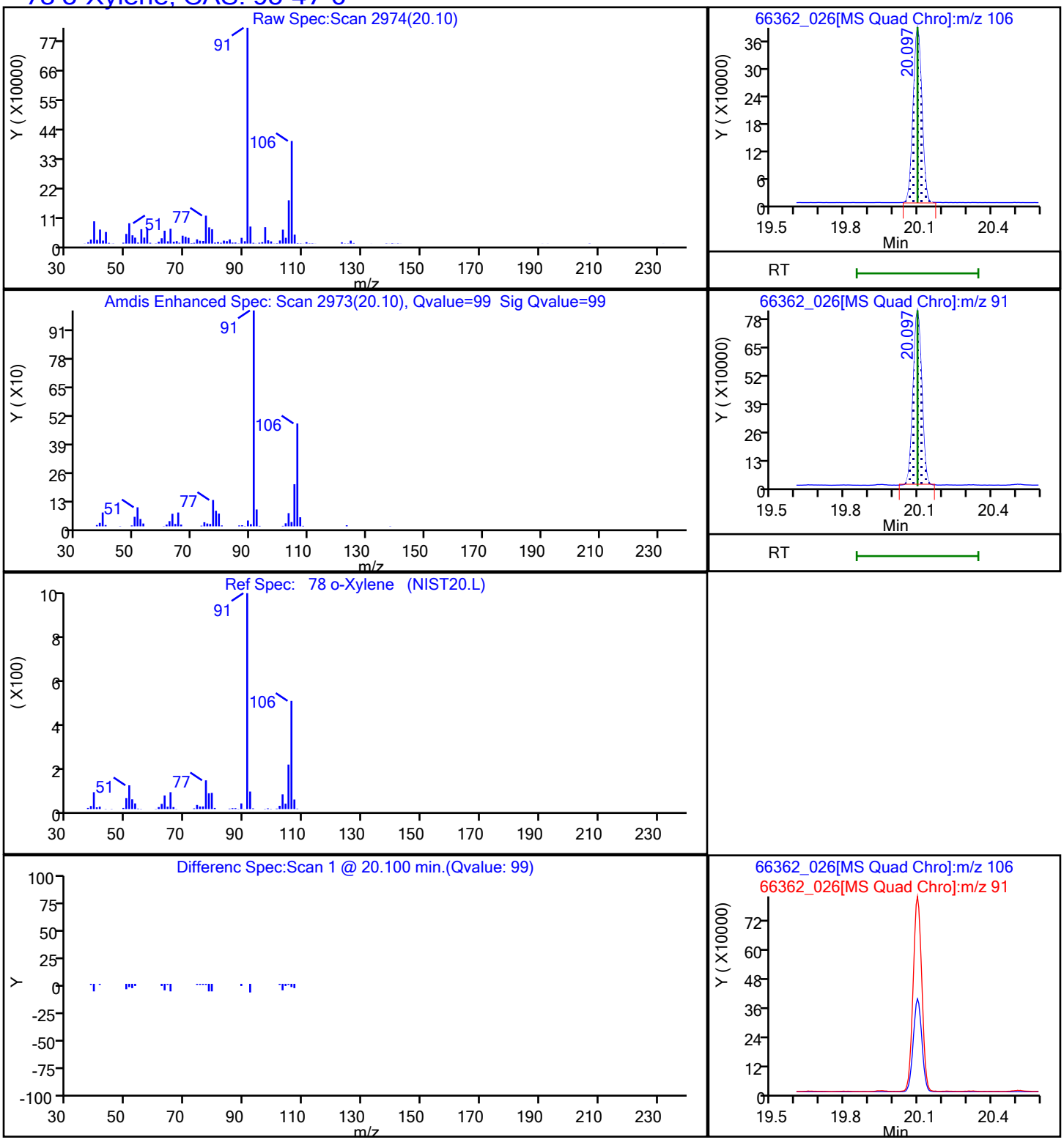
Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D

Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 o-Xylene, CAS: 95-47-6



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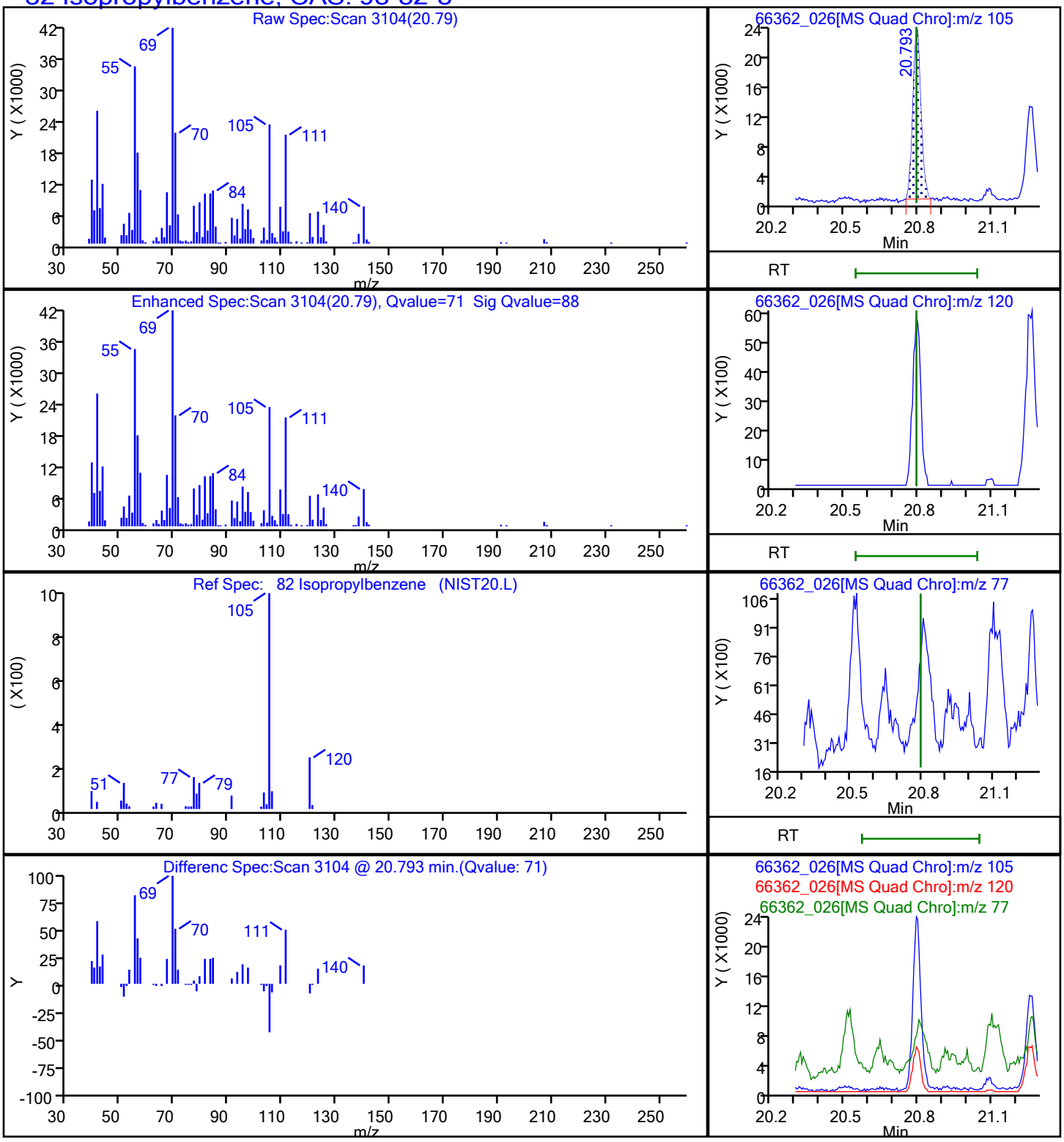
Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D
Injection Date: 16-Aug-2025 04:41:24 Instrument ID: CHAN.i
Lims ID: 200-78914-A-3 Lab Sample ID: 200-78914-3
Client ID: SSDS_INF_20250813
Operator ID: wrd ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 5.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

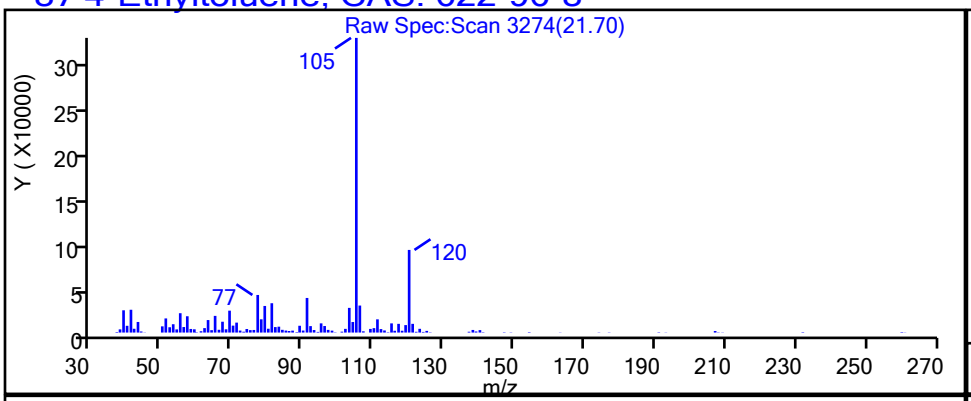
82 Isopropylbenzene, CAS: 98-82-8

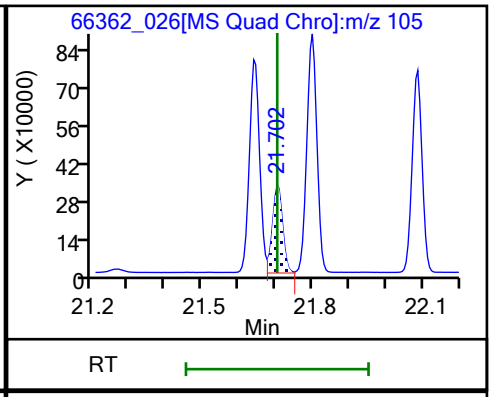


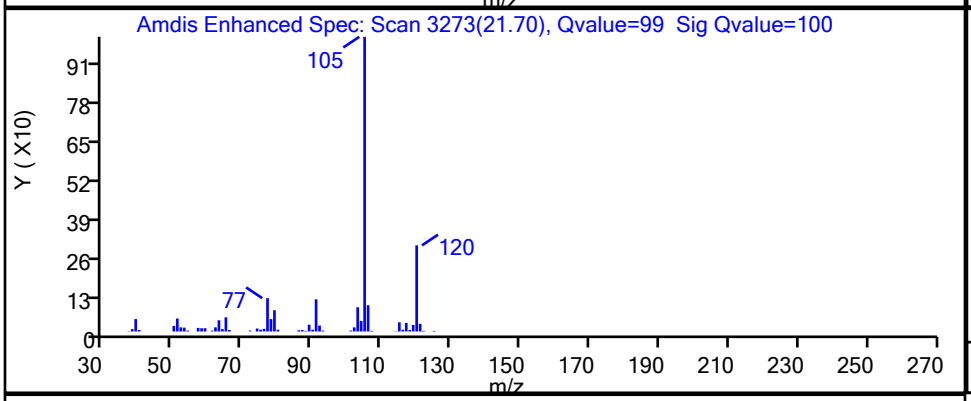
Eurofins Burlington

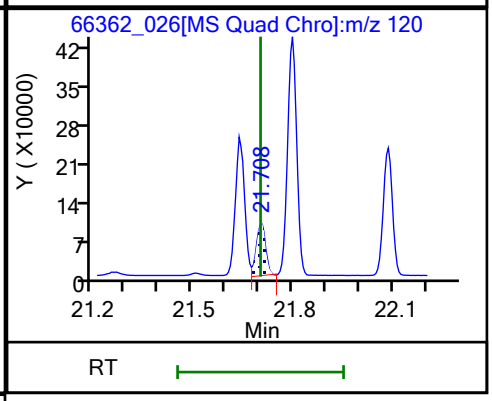
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

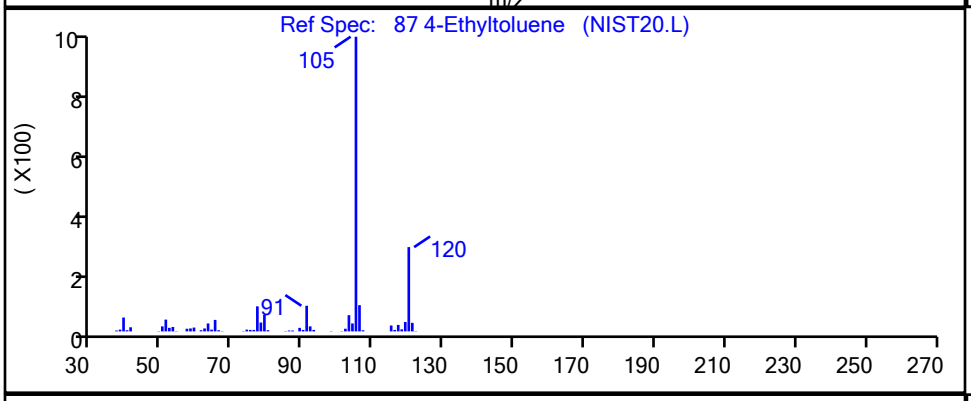
87 4-Ethyltoluene, CAS: 622-96-8

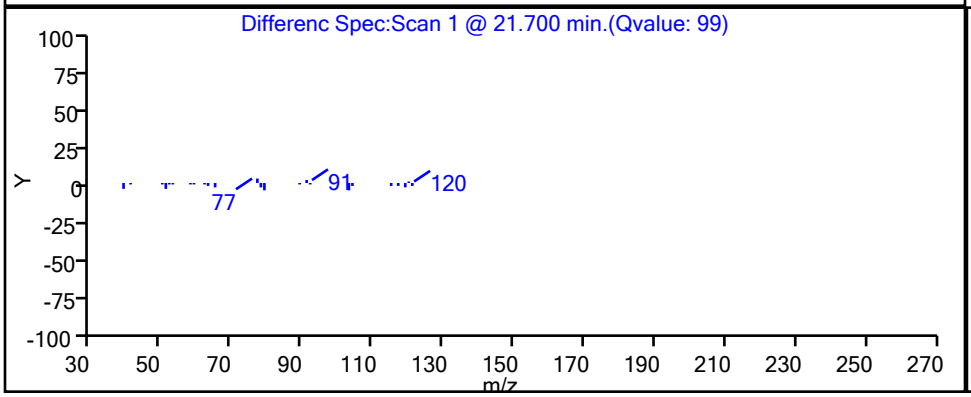


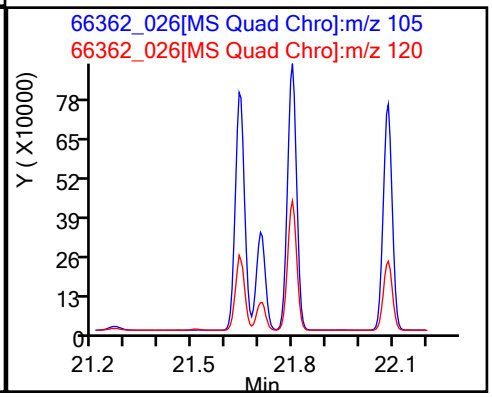










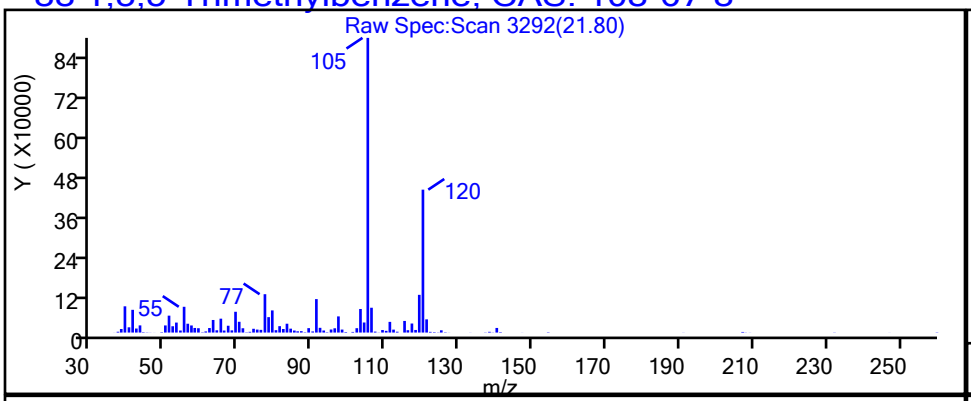


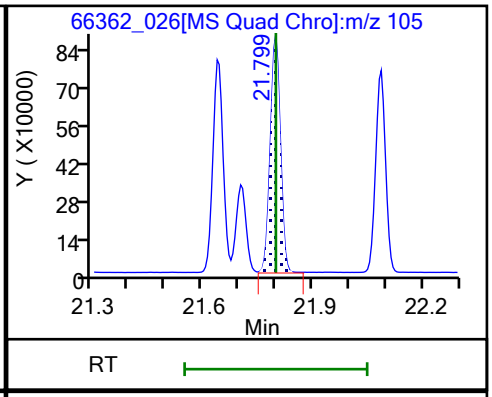
Report Date: 18-Aug-2025 10:19:40 Chrom Revision: 2.3 13-Aug-2025 14:00:00

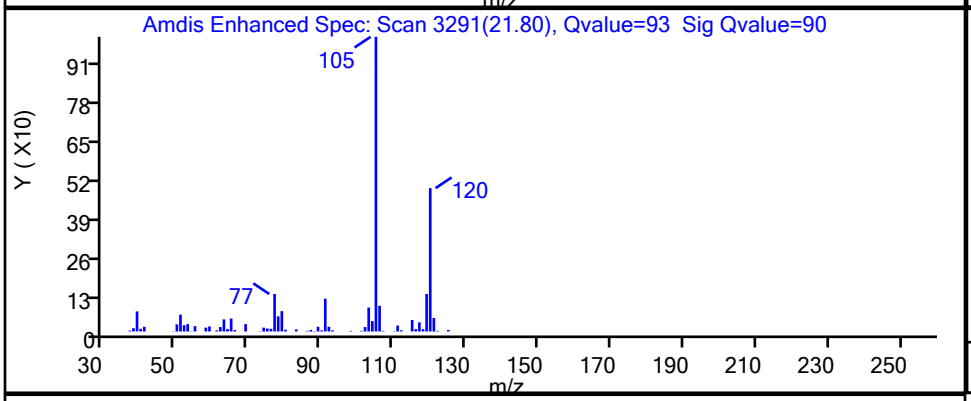
Eurofins Burlington

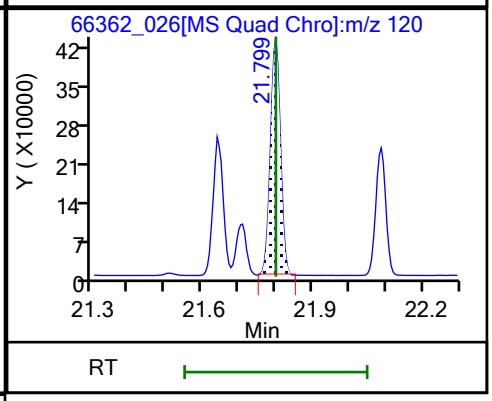
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

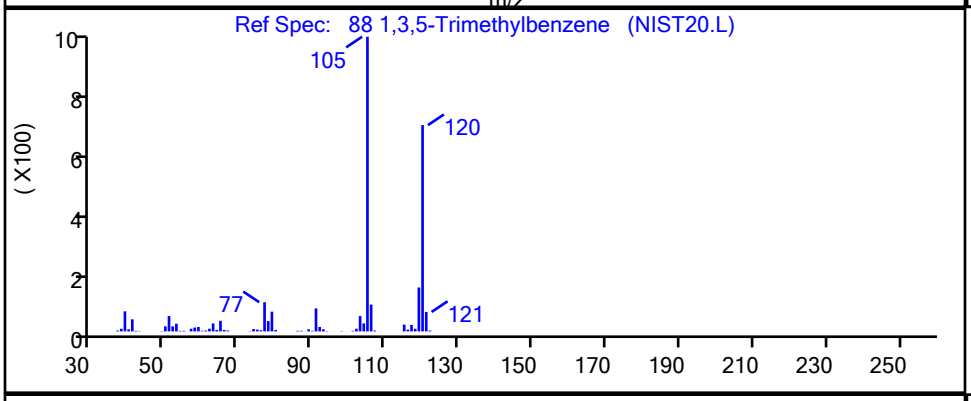
88 1,3,5-Trimethylbenzene, CAS: 108-67-8

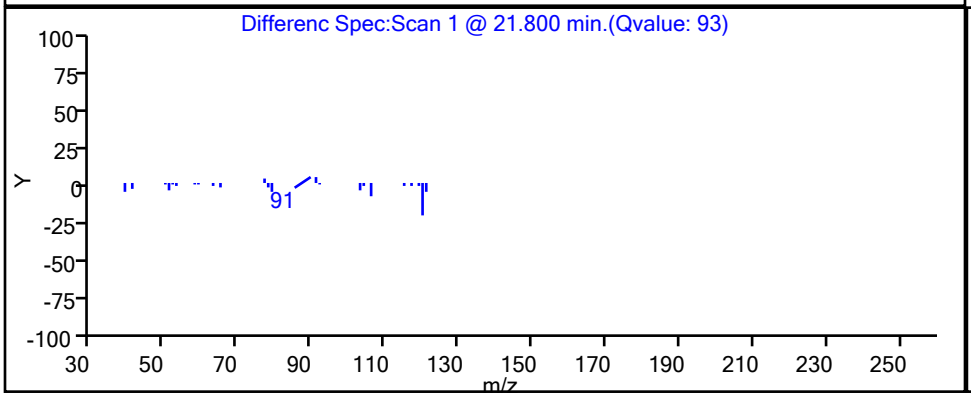


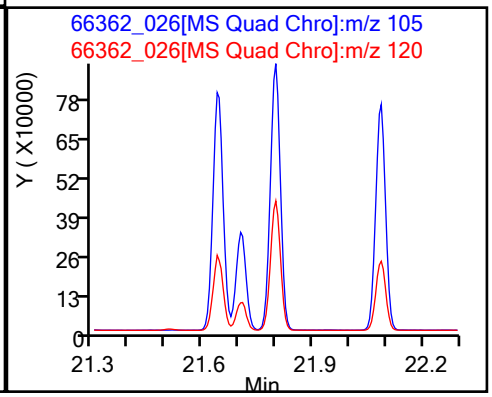








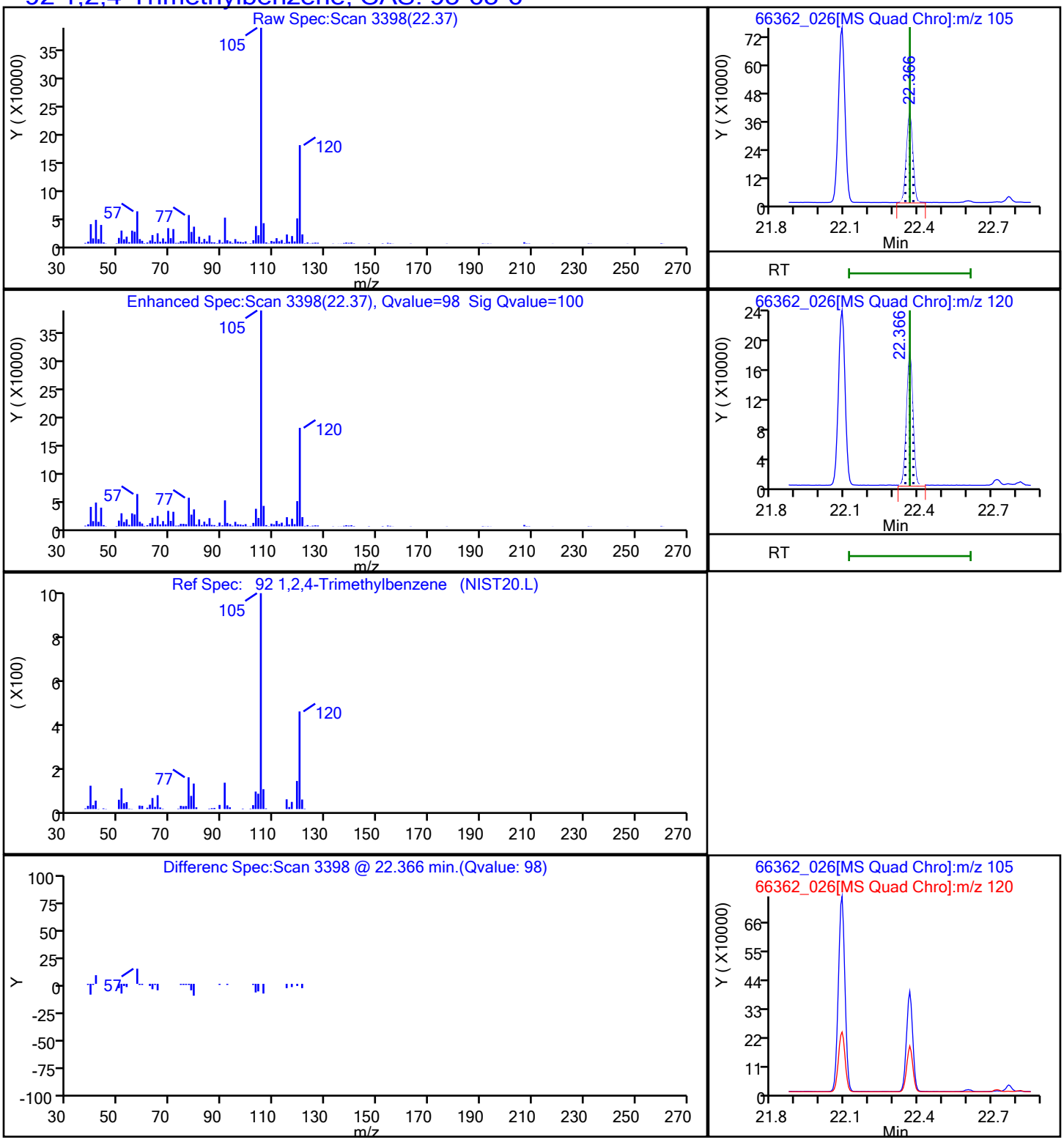




Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D
Injection Date: 16-Aug-2025 04:41:24 Instrument ID: CHAN.i
Lims ID: 200-78914-A-3 Lab Sample ID: 200-78914-3
Client ID: SSDS_INF_20250813
Operator ID: wrd ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 5.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

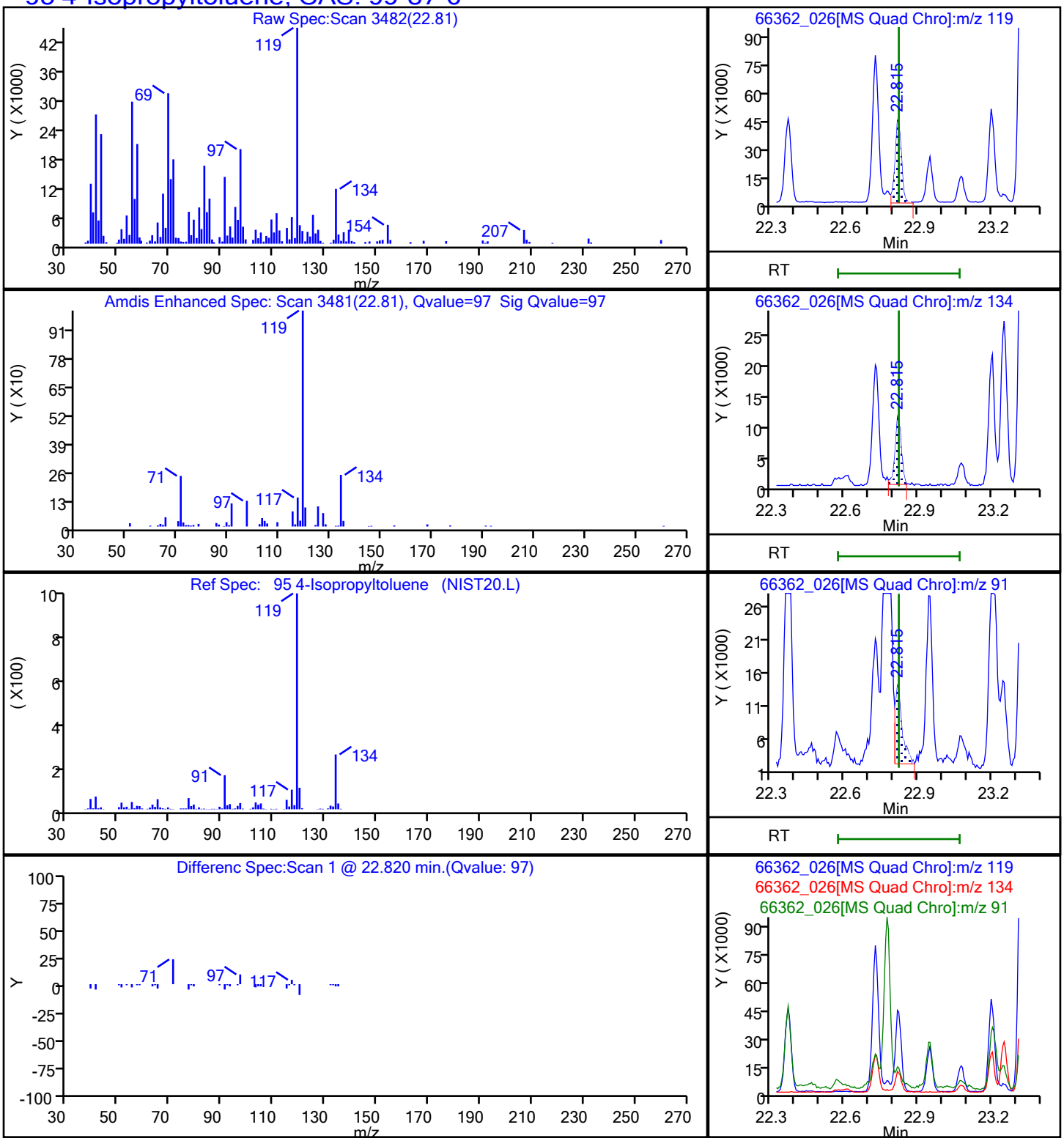
92 1,2,4-Trimethylbenzene, CAS: 95-63-6



Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D		
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3
Client ID:	SSDS_INF_20250813		
Operator ID:	wrd	ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

95 4-Isopropyltoluene, CAS: 99-87-6



Manual Integration/User Assign Peak Report

Eurofins Burlington

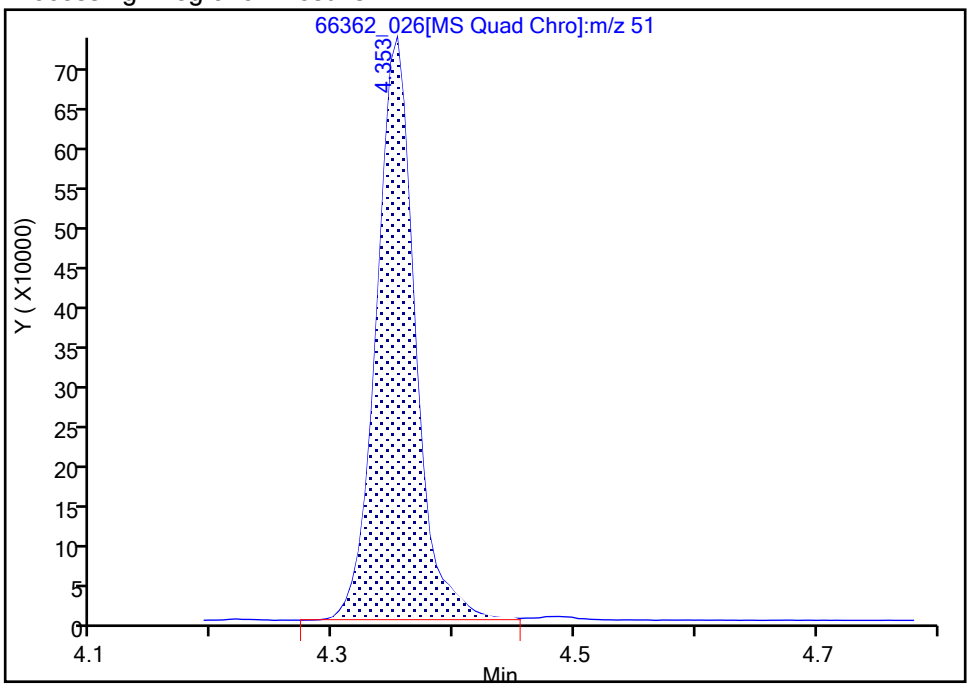
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

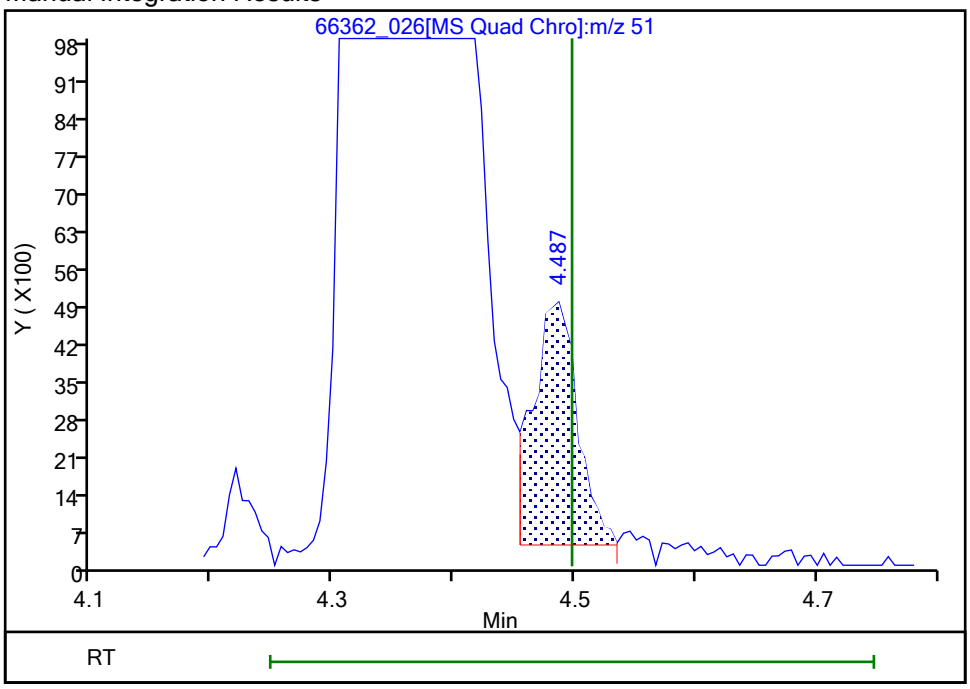
Processing Integration Results

RT: 4.35
Area: 1640516
Amount: 31.236754
Amount Units: ppb v/v



Manual Integration Results

RT: 4.49
Area: 11911
Amount: 0.226795
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 10:08:29 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

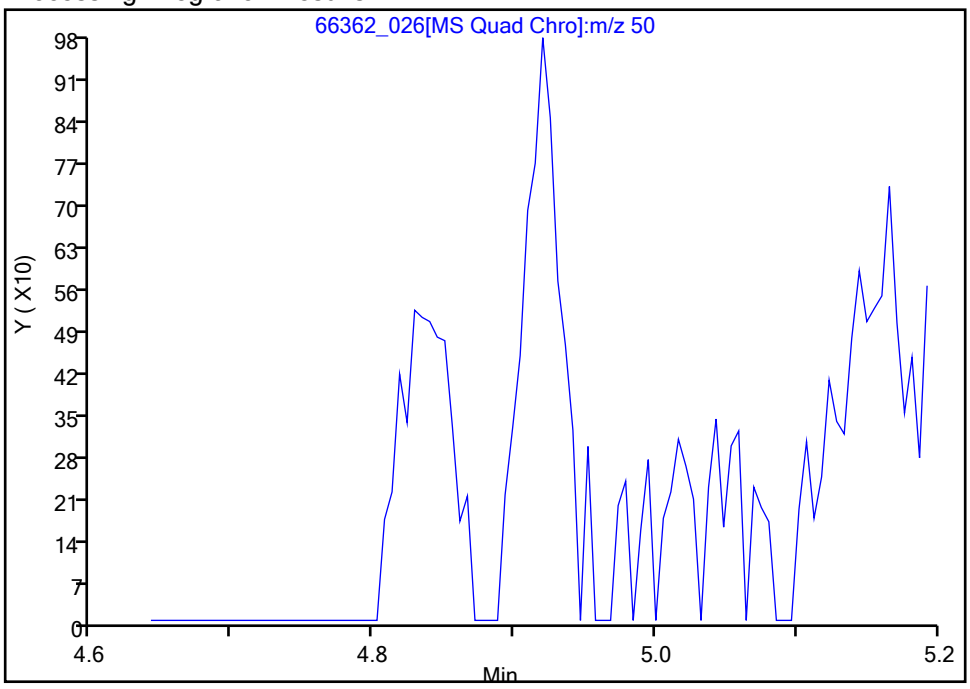
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

Signal: 1

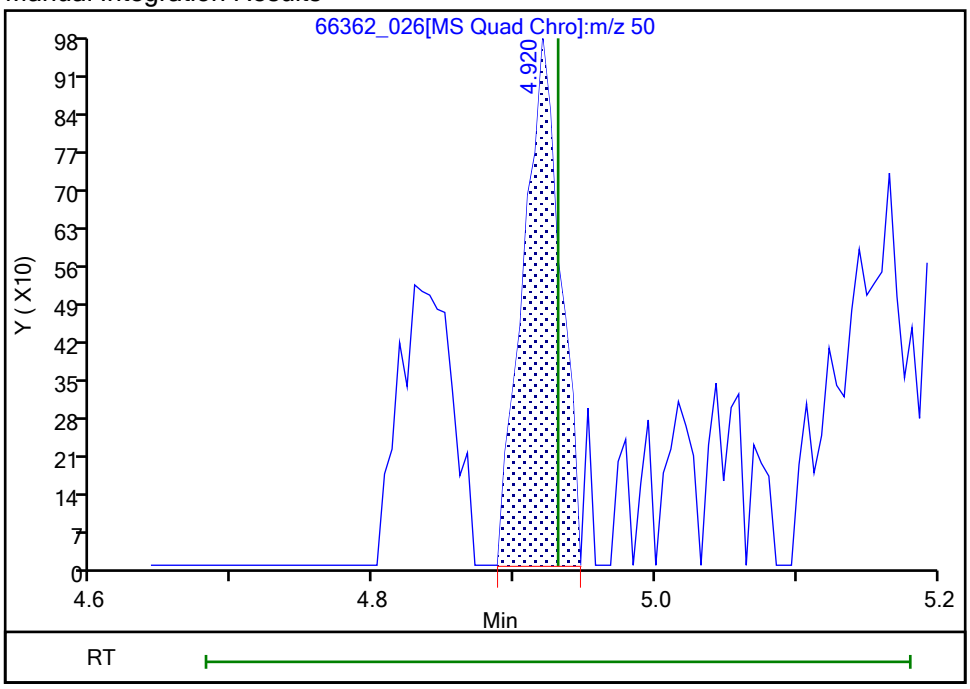
Not Detected
Expected RT: 4.93

Processing Integration Results



Manual Integration Results

RT: 4.92
Area: 1794
Amount: 0.071470
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 10:08:53 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

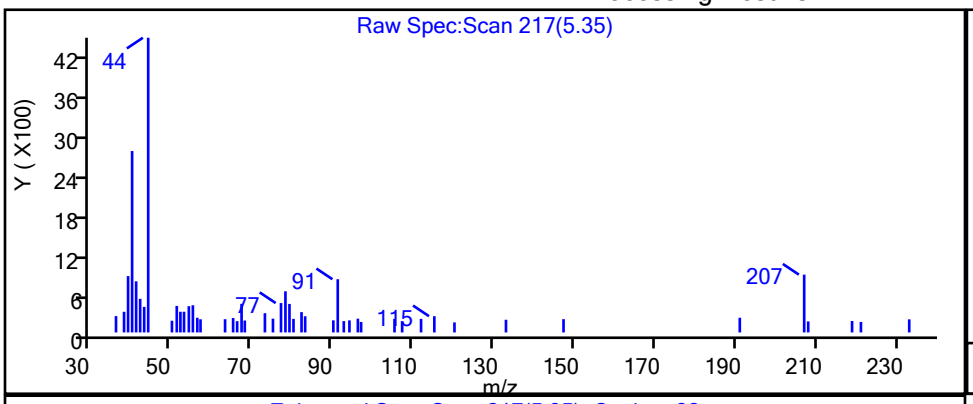
User Disabled Compound Report

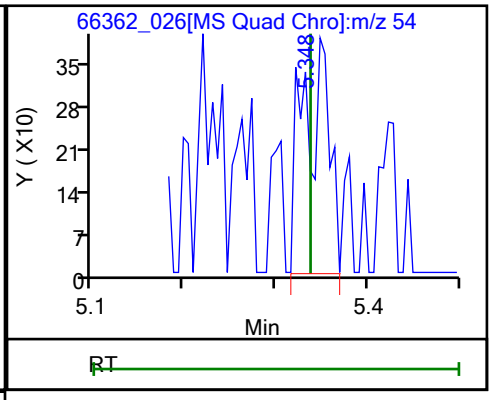
Eurofins Burlington

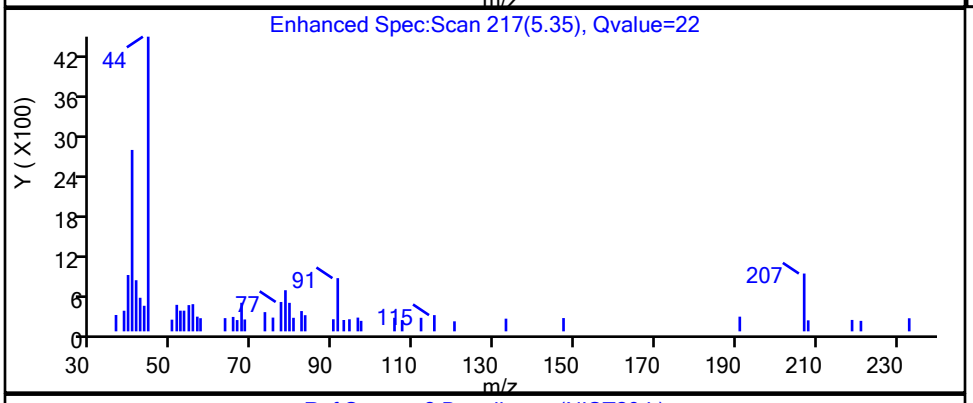
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

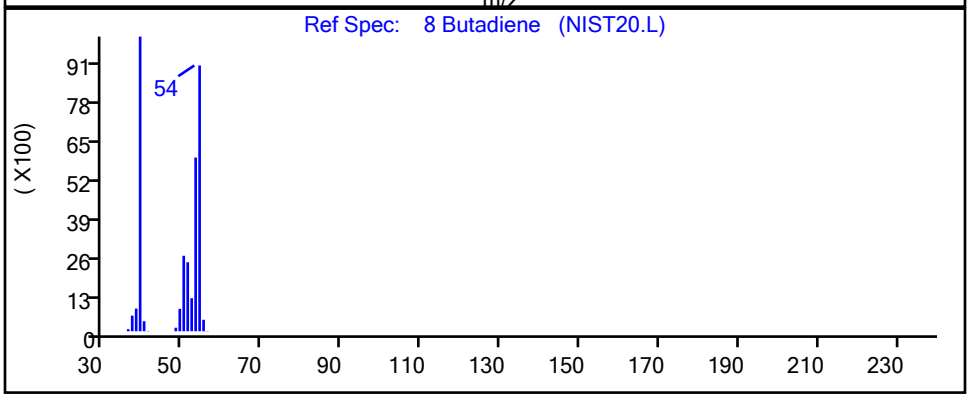
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
5.35	54.00	773	0.034542

Reviewer: F7XK, 18-Aug-2025 10:09:21 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington

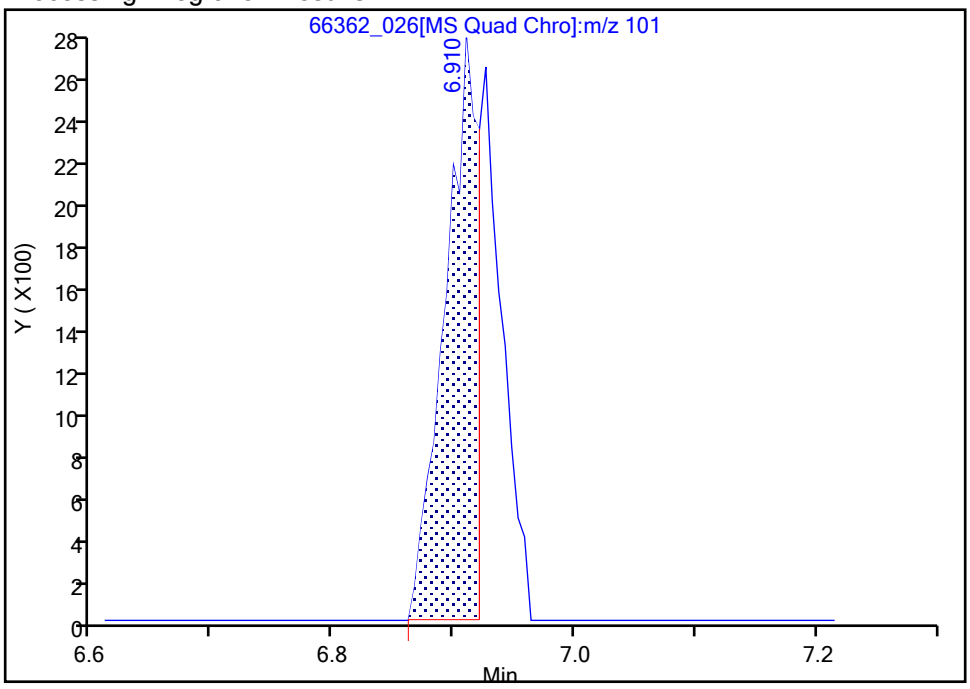
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

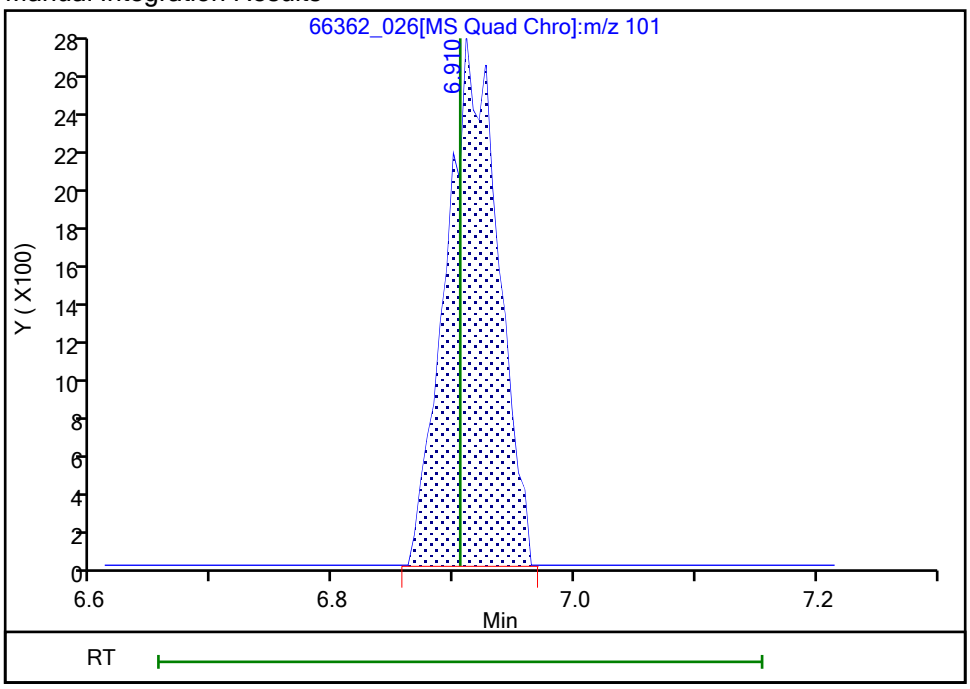
Processing Integration Results

RT: 6.91
Area: 5233
Amount: 0.039658
Amount Units: ppb v/v



Manual Integration Results

RT: 6.91
Area: 8123
Amount: 0.061560
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 10:09:32 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

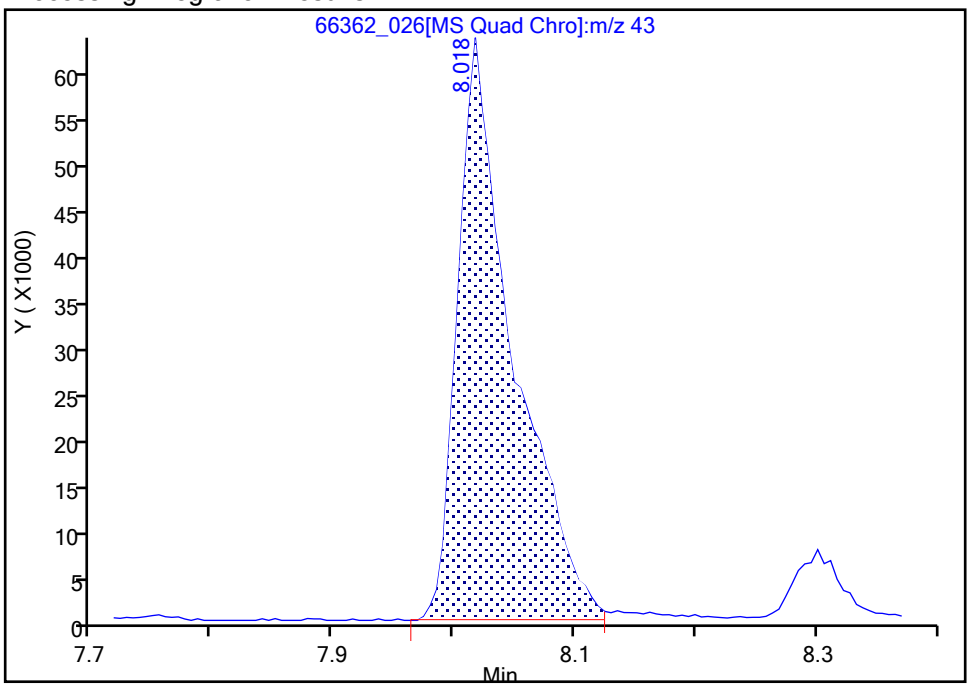
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1

Signal: 1

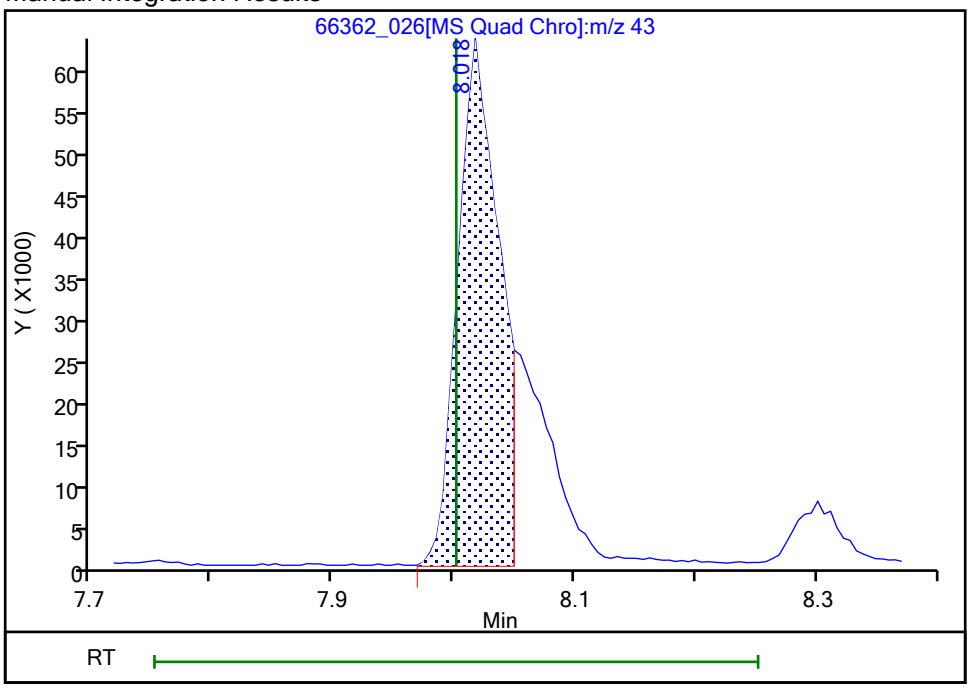
Processing Integration Results

RT: 8.02
Area: 202881
Amount: 4.072866
Amount Units: ppb v/v



Manual Integration Results

RT: 8.02
Area: 152033
Amount: 3.052085
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 10:10:14 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

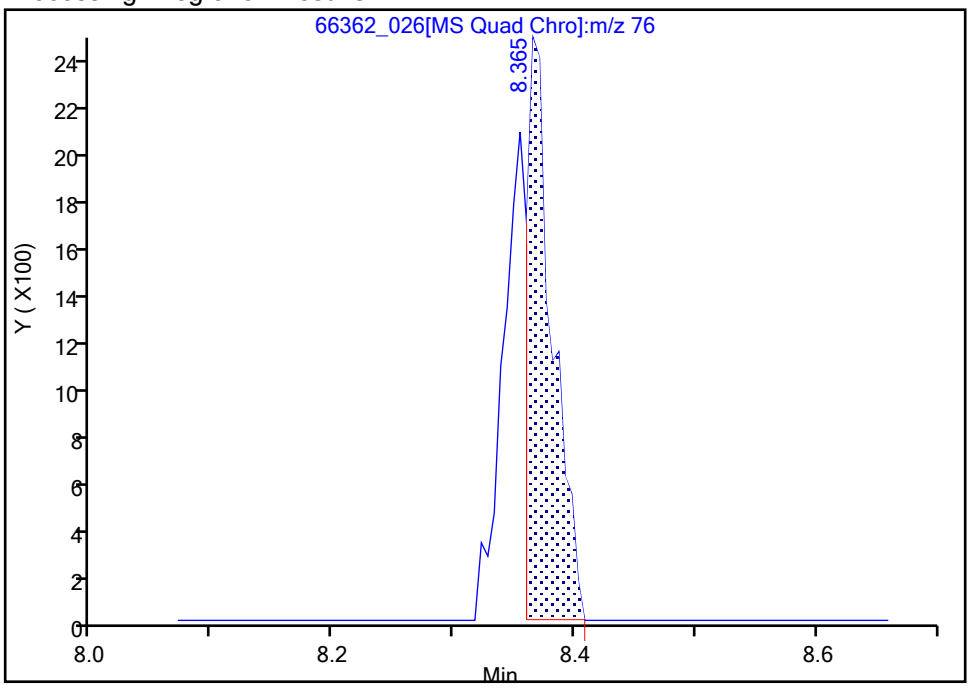
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

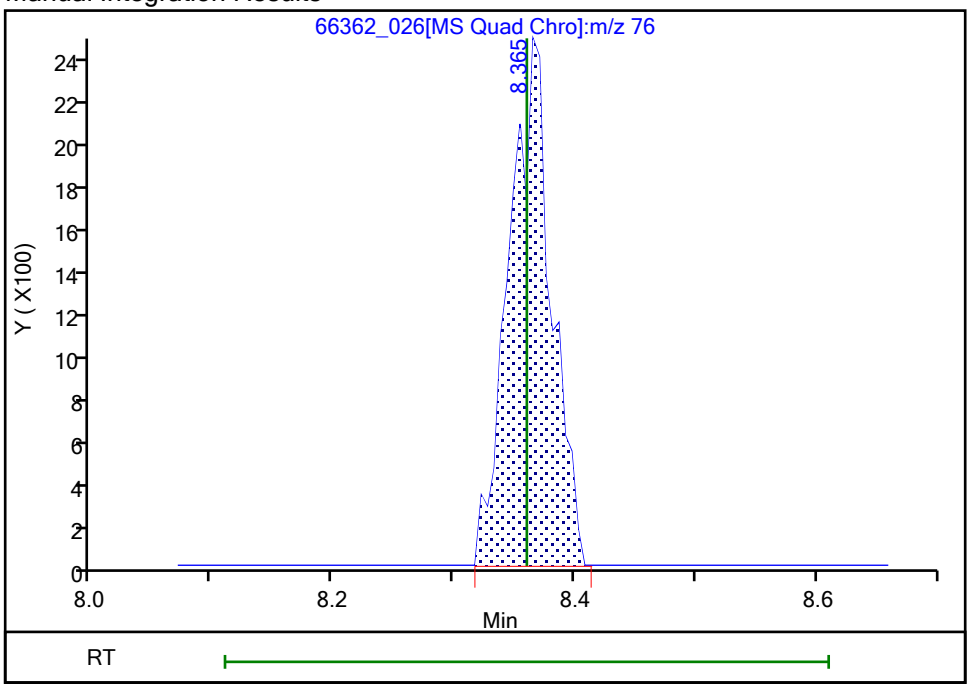
Processing Integration Results

RT: 8.37
Area: 3617
Amount: 0.031795
Amount Units: ppb v/v



Manual Integration Results

RT: 8.37
Area: 5921
Amount: 0.052049
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 10:10:53 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

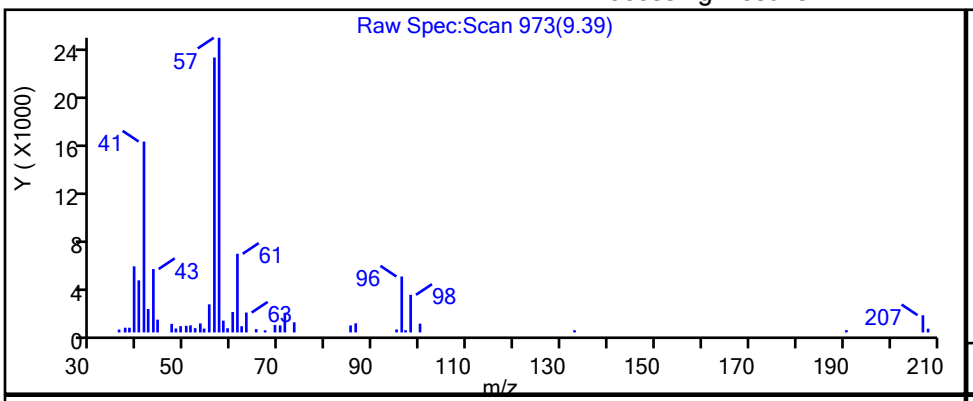
User Disabled Compound Report

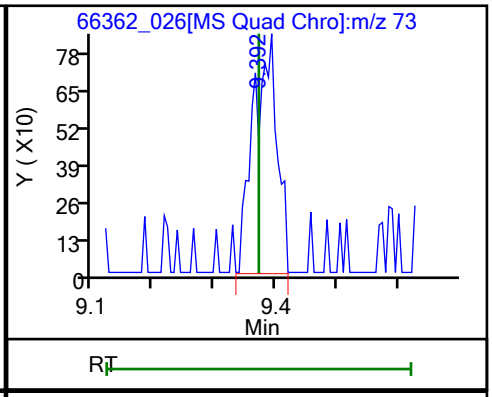
Eurofins Burlington

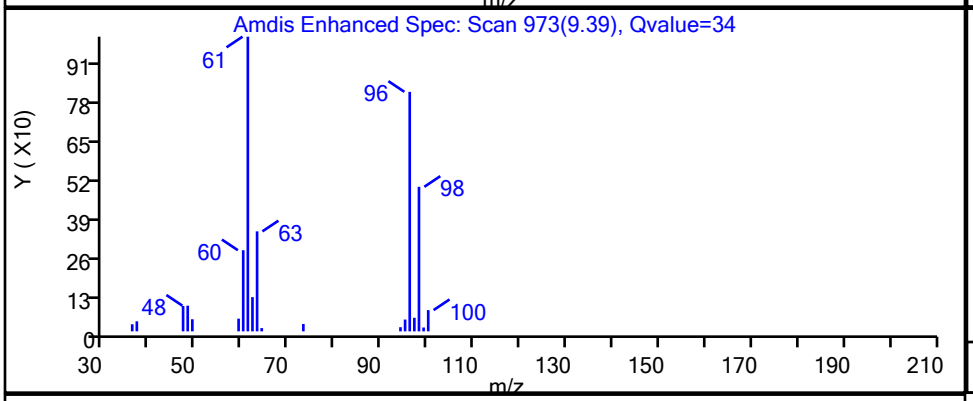
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

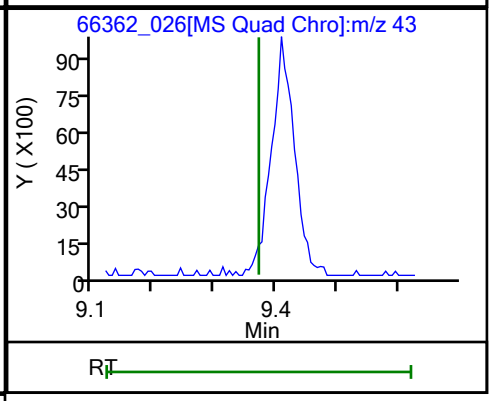
31 Methyl tert-butyl ether, CAS: 1634-04-4

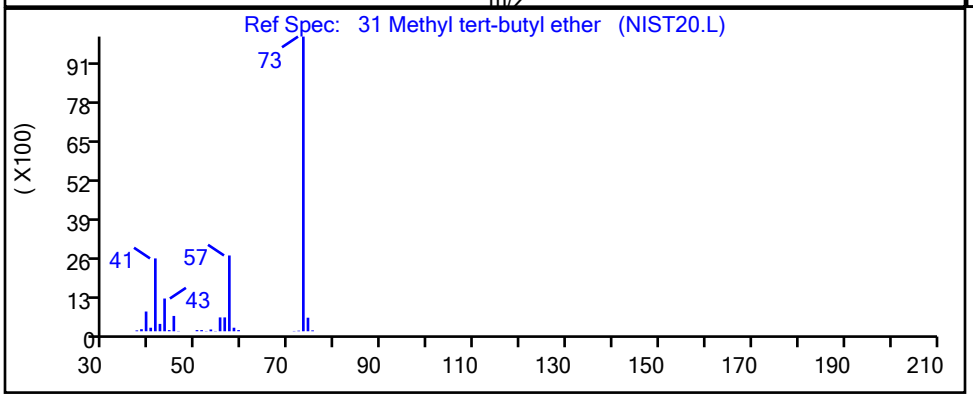
Processing Results











RT	Mass	Response	Amount
9.39	73.00	2275	0.018989
9.37	43.00	0	

Reviewer: F7XK, 18-Aug-2025 10:11:36 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

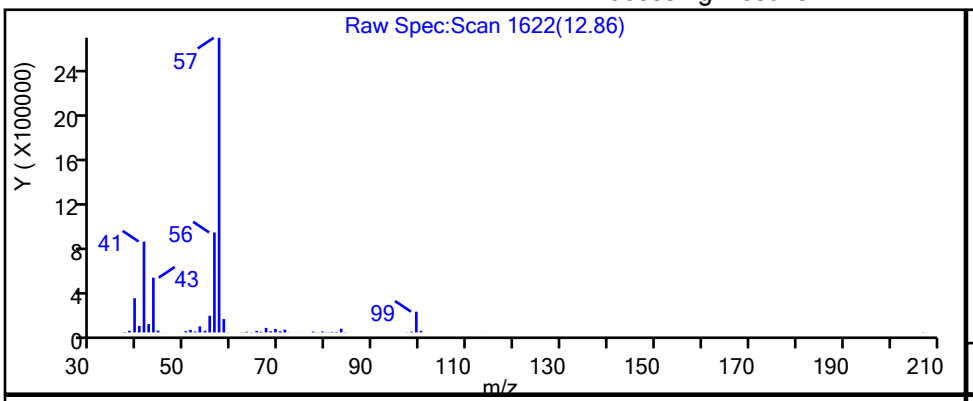
User Disabled Compound Report

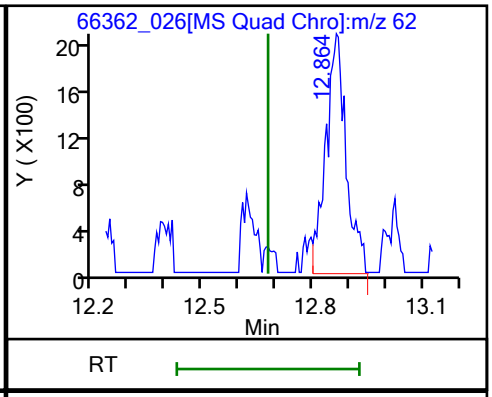
Eurofins Burlington

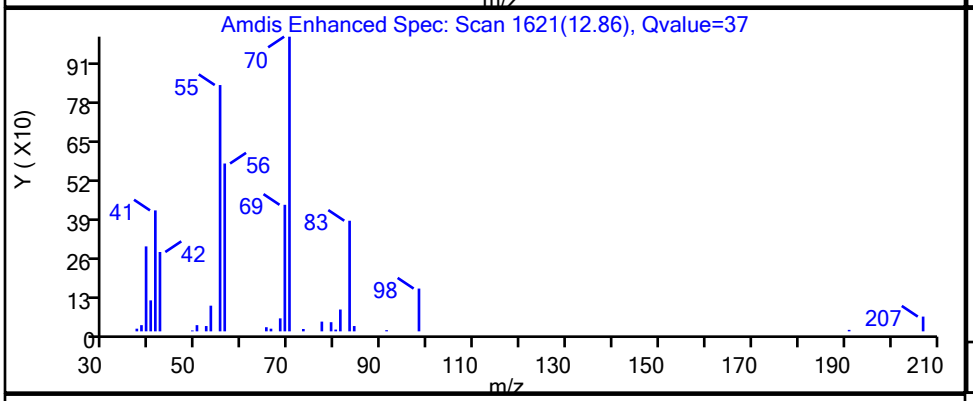
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

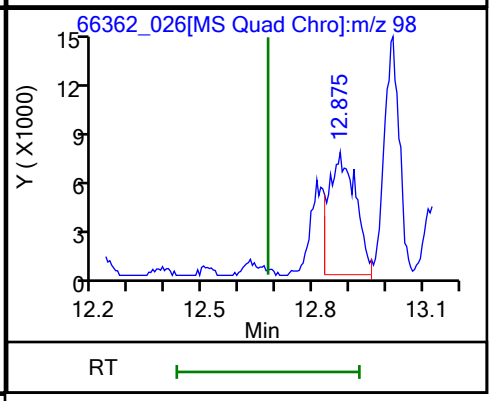
46 1,2-Dichloroethane, CAS: 107-06-2

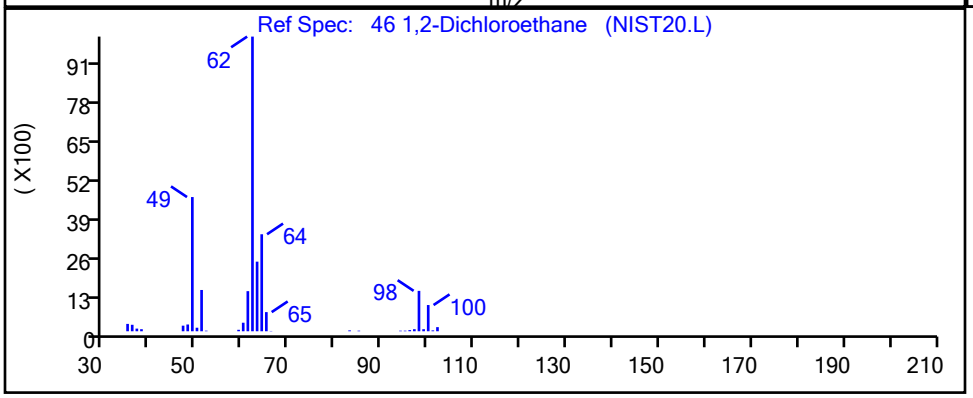
Processing Results











RT	Mass	Response	Amount
12.86	62.00	7724	0.122365
12.88	98.00	39072	

Reviewer: F7XK, 18-Aug-2025 10:12:30 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington

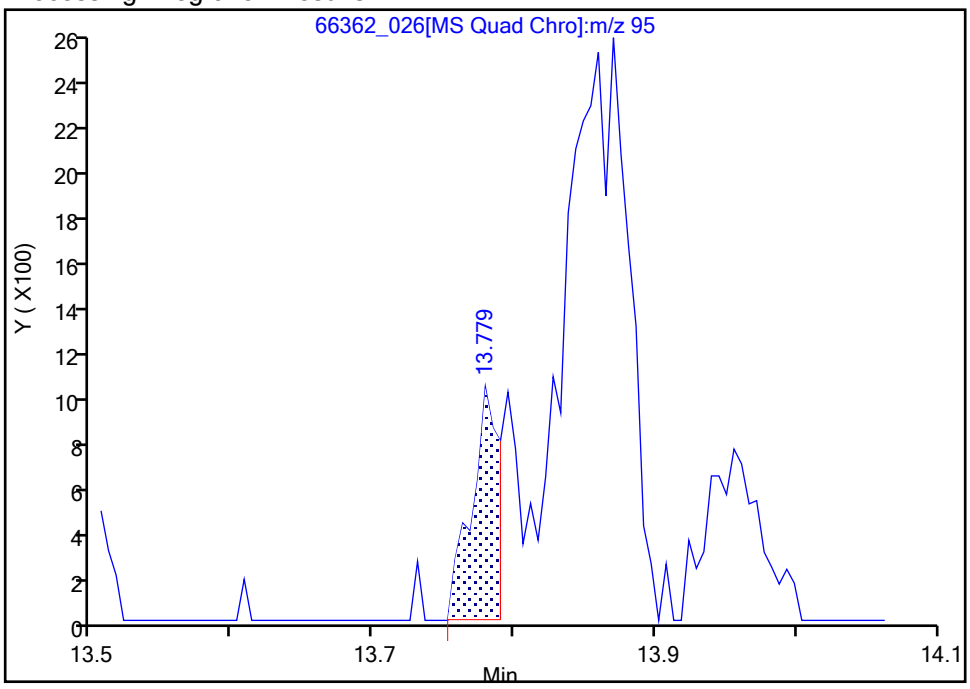
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6

Signal: 1

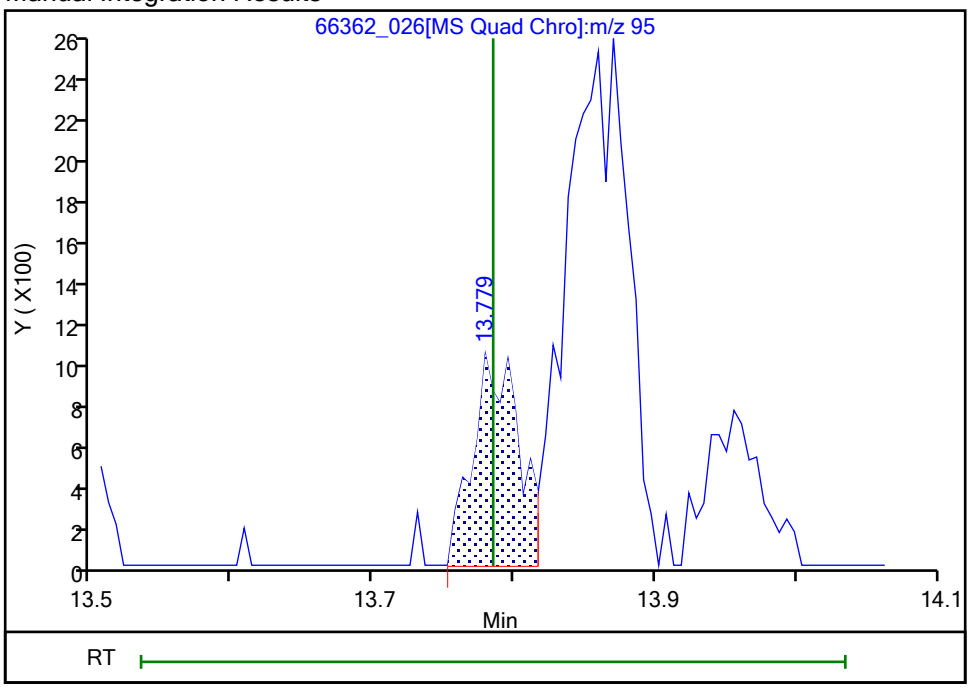
Processing Integration Results

RT: 13.78
Area: 1383
Amount: 0.019015
Amount Units: ppb v/v



Manual Integration Results

RT: 13.78
Area: 2319
Amount: 0.031884
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 10:13:03 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

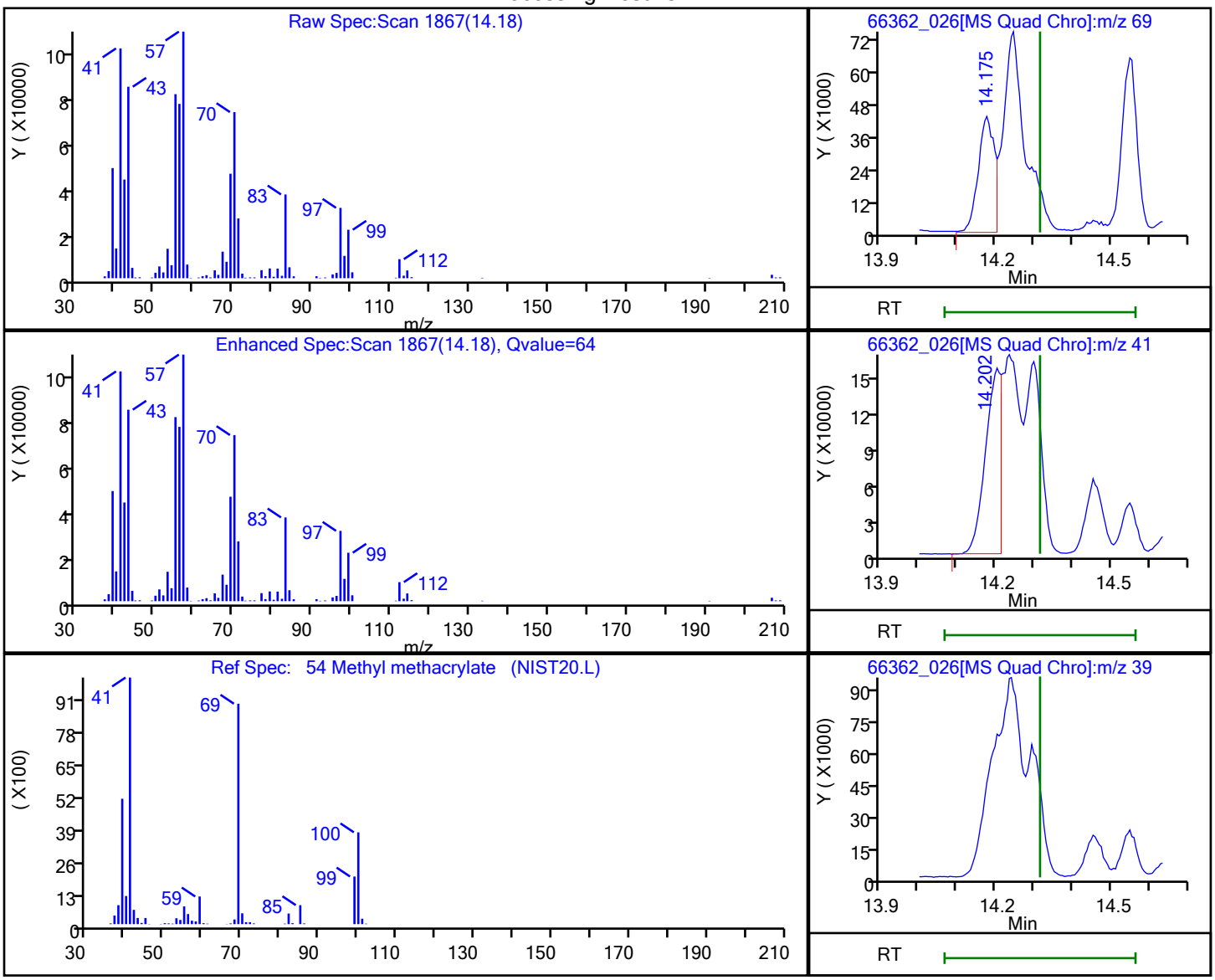
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
14.18	69.00	126538	2.846735
14.20	41.00	431805	
14.31	39.00	0	

Reviewer: F7XK, 18-Aug-2025 10:14:34 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

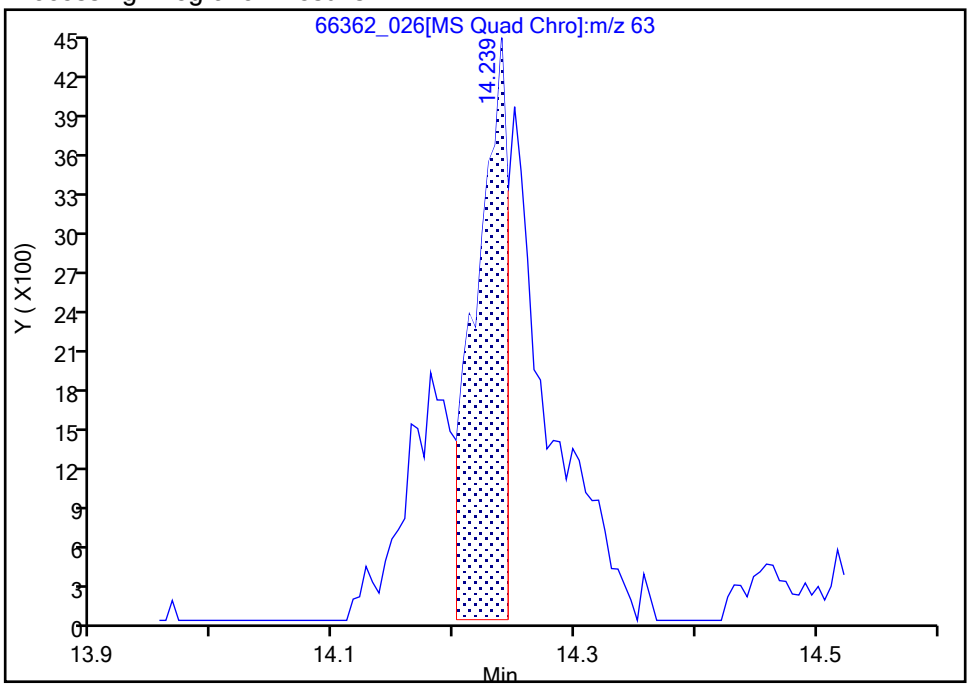
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

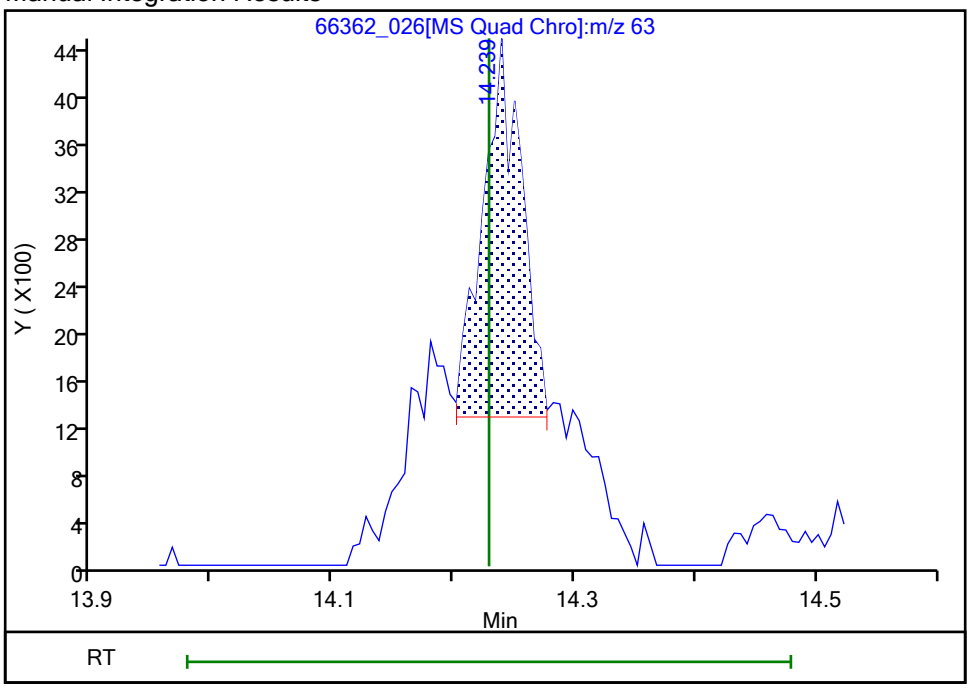
Processing Integration Results

RT: 14.24
Area: 8234
Amount: 0.169789
Amount Units: ppb v/v



Manual Integration Results

RT: 14.24
Area: 7069
Amount: 0.145766
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 10:13:29 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

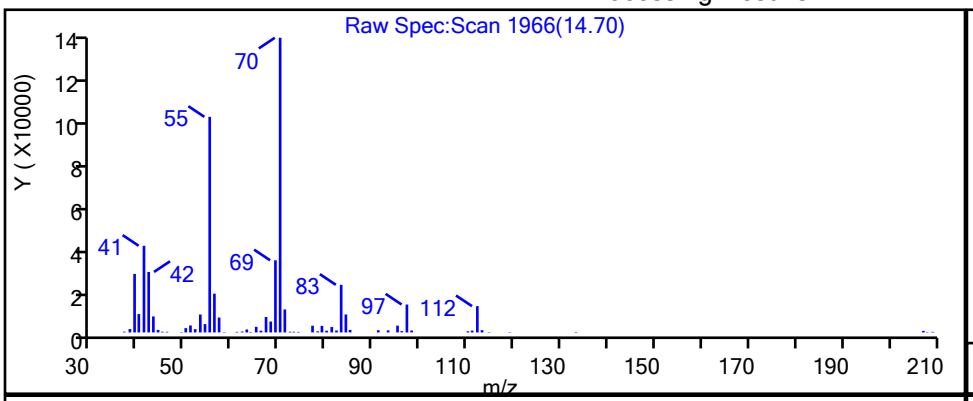
User Disabled Compound Report

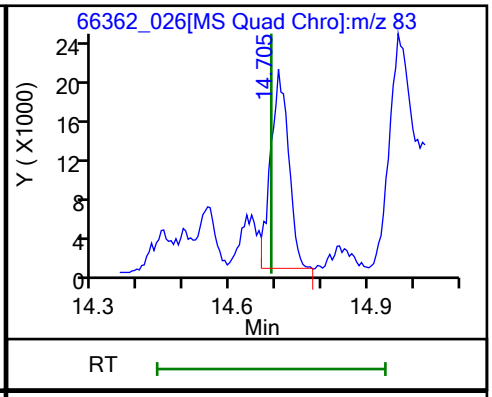
Eurofins Burlington

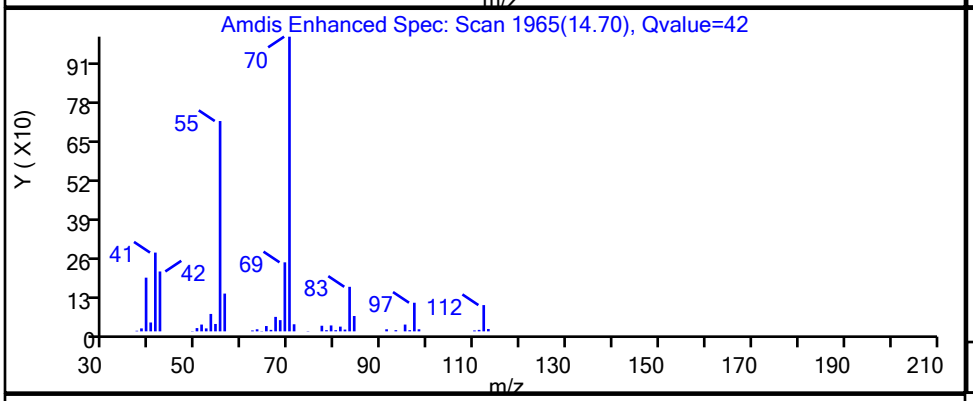
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

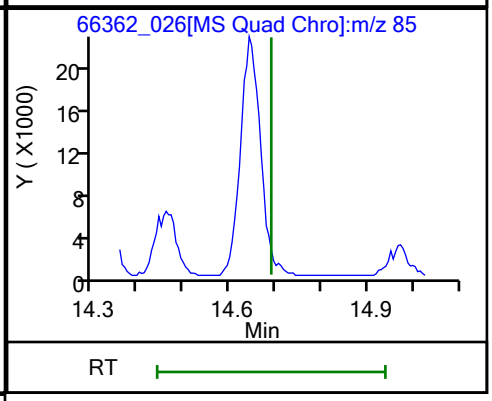
58 Dichlorobromomethane, CAS: 75-27-4

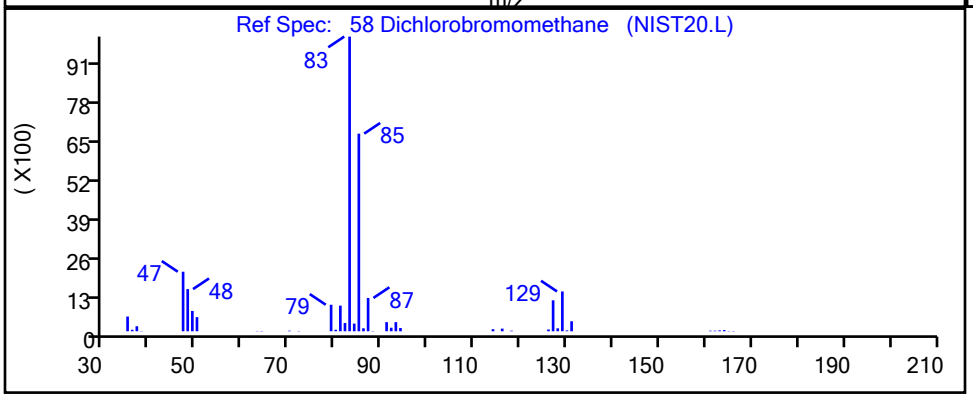
Processing Results











RT	Mass	Response	Amount
14.70	83.00	56583	0.502575
14.69	85.00	0	

Reviewer: F7XK, 18-Aug-2025 10:14:48 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

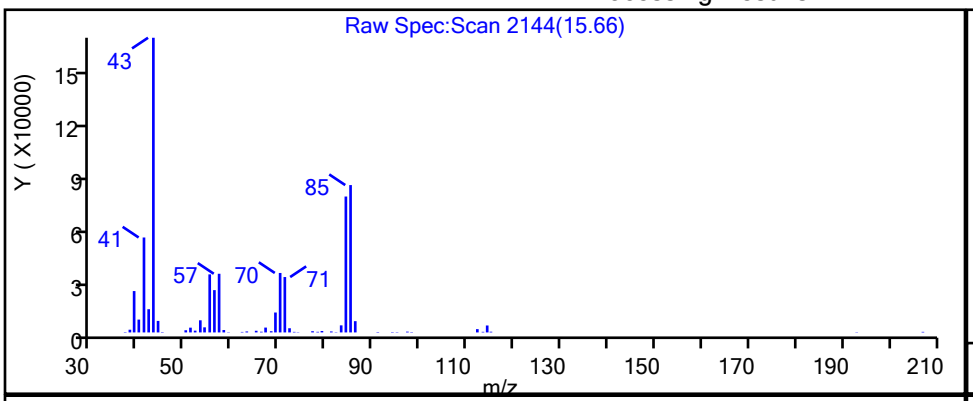
User Disabled Compound Report

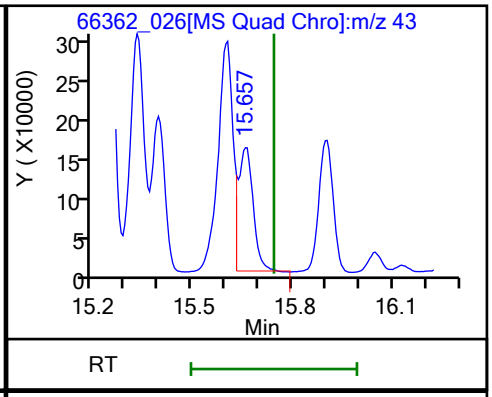
Eurofins Burlington

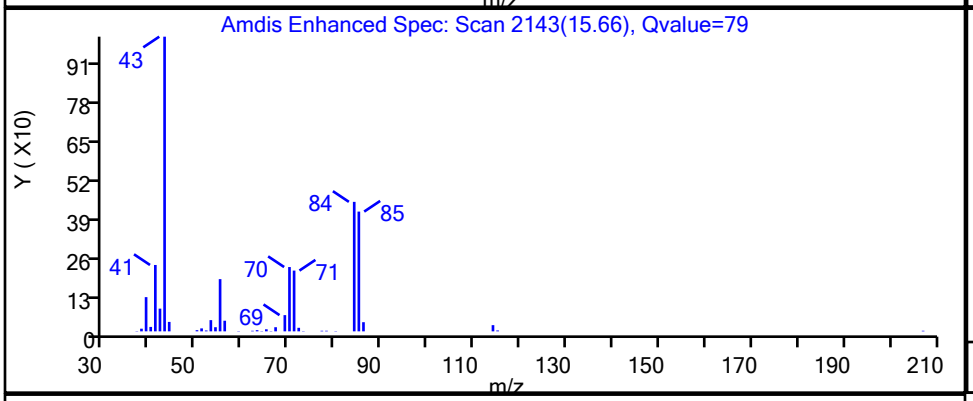
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

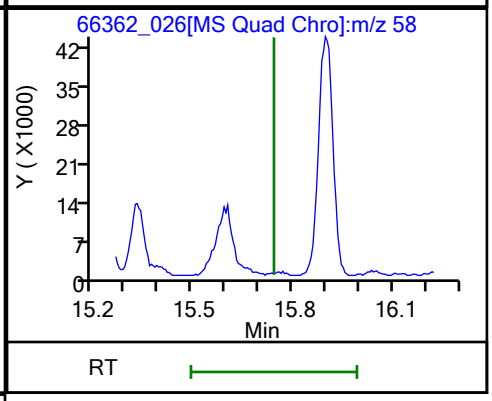
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

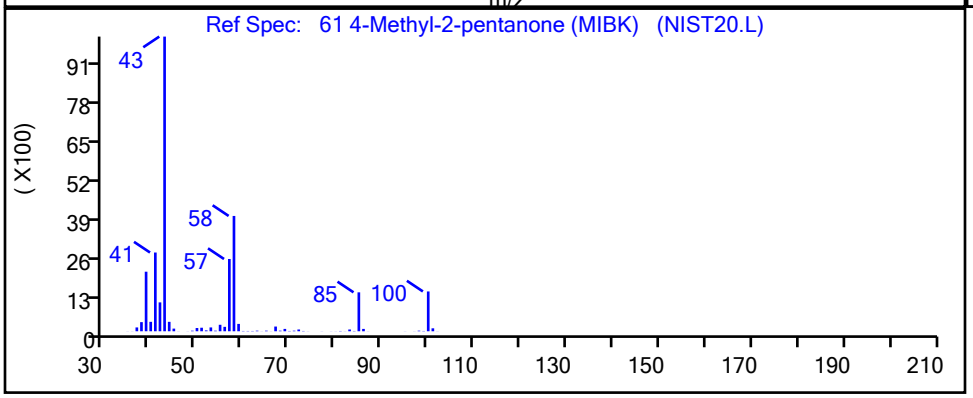
Processing Results











RT	Mass	Response	Amount
15.66	43.00	512954	6.051240
15.74	58.00	0	

Reviewer: F7XK, 18-Aug-2025 10:15:00 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

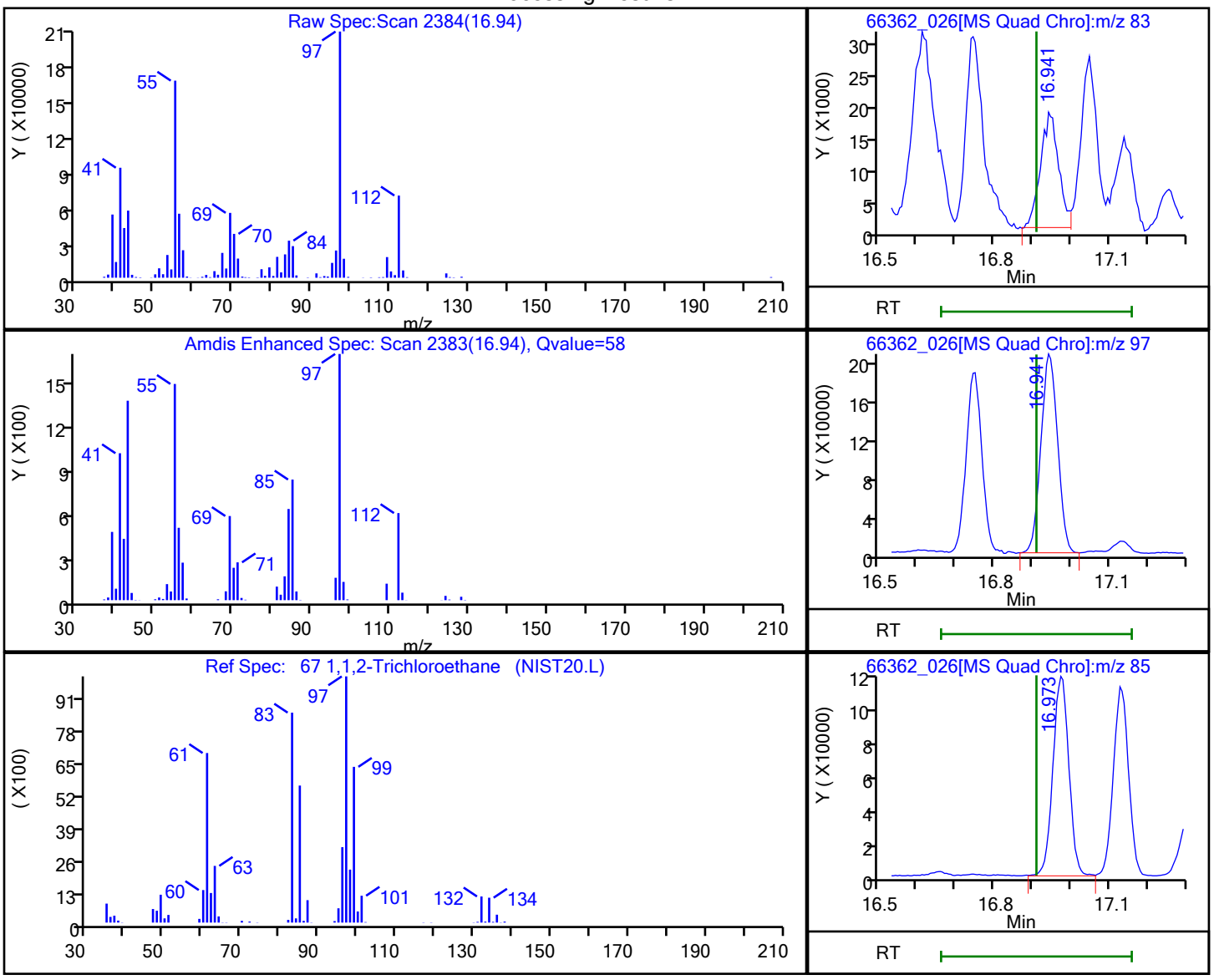
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
16.94	83.00	61314	1.115027
16.94	97.00	614994	
16.97	85.00	327889	

Reviewer: F7XK, 18-Aug-2025 10:15:11 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

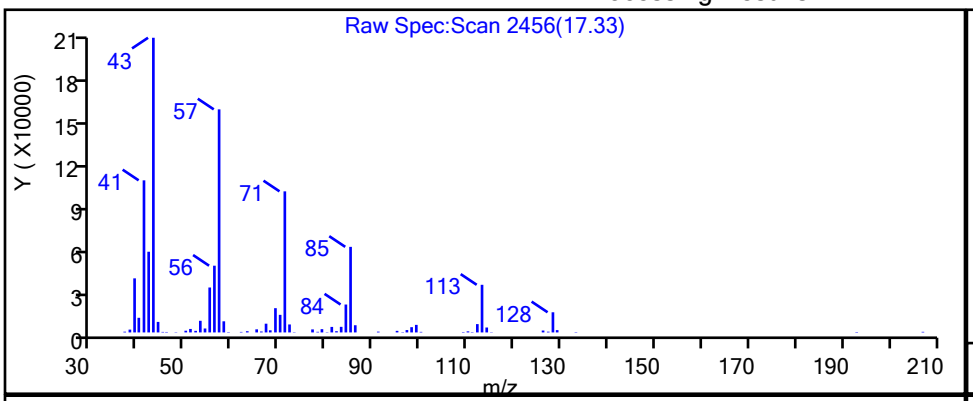
User Disabled Compound Report

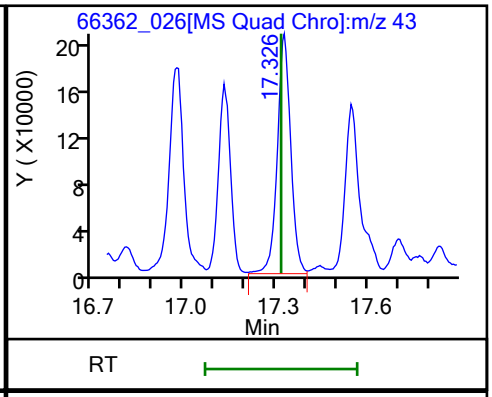
Eurofins Burlington

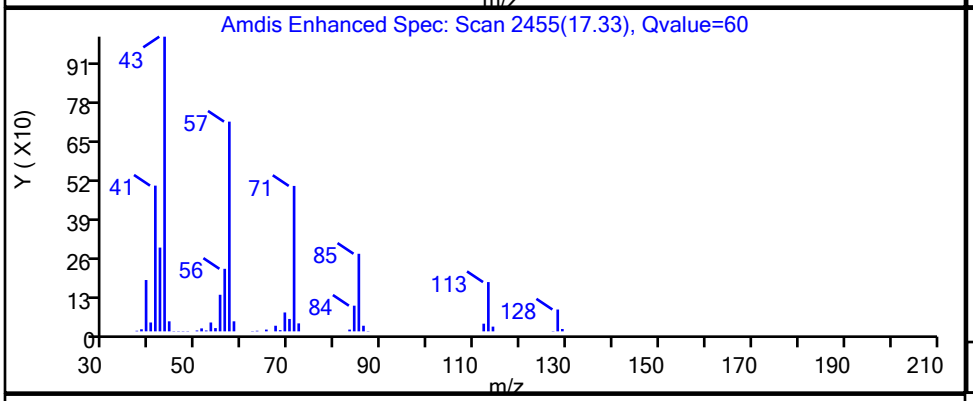
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

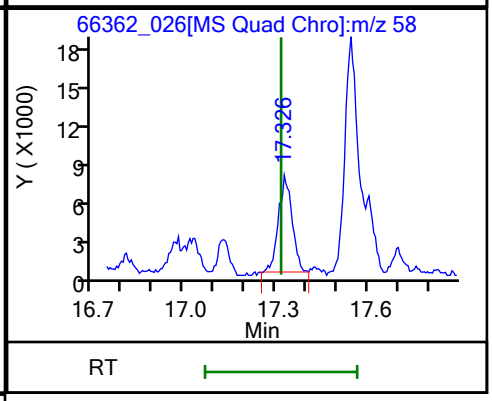
69 2-Hexanone, CAS: 591-78-6

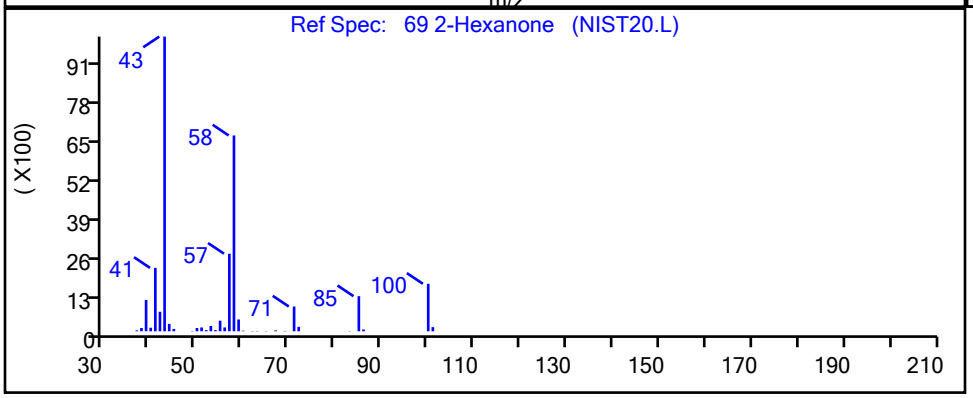
Processing Results











RT	Mass	Response	Amount
17.33	43.00	604757	7.372664
17.33	58.00	23431	

Reviewer: F7XK, 18-Aug-2025 10:15:20 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

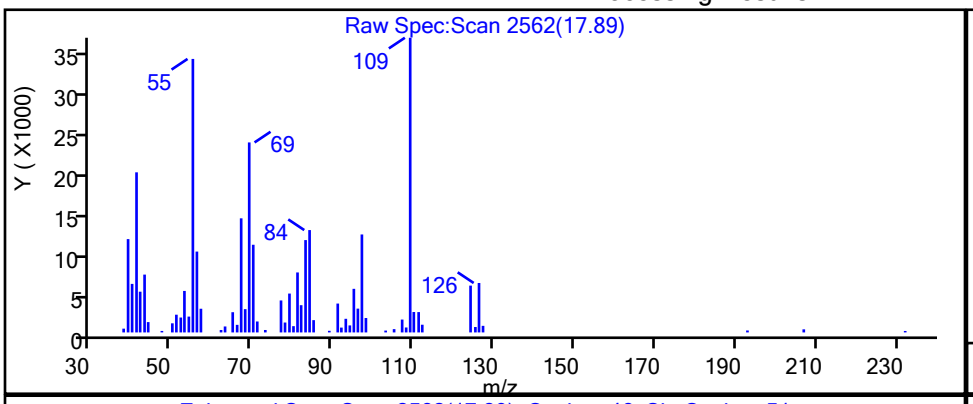
User Disabled Compound Report

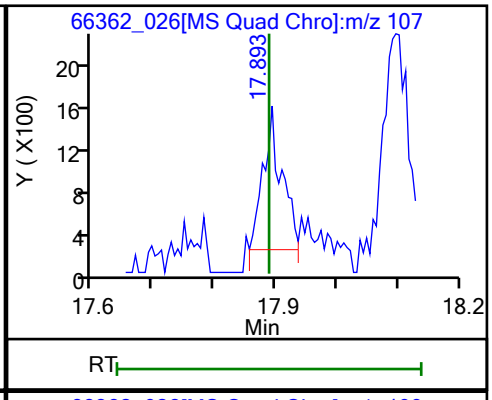
Eurofins Burlington

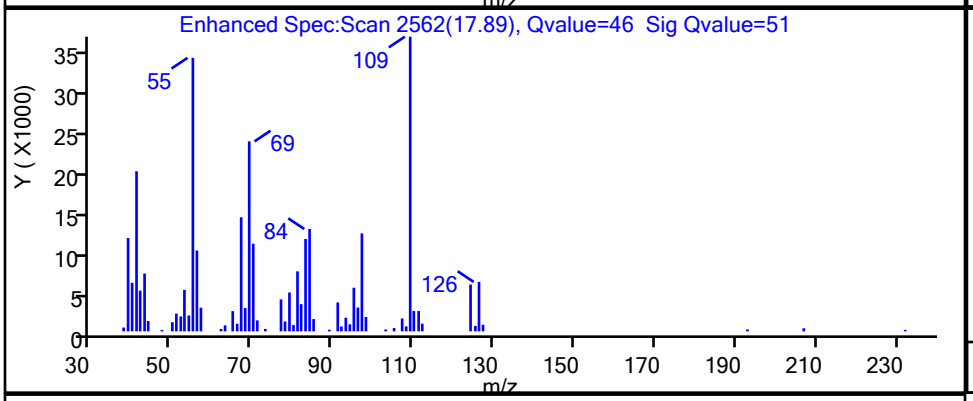
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

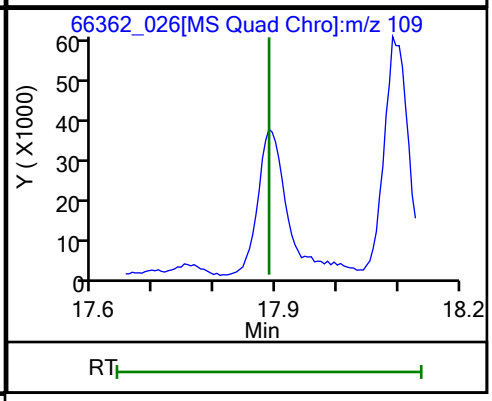
71 Ethylene Dibromide, CAS: 106-93-4

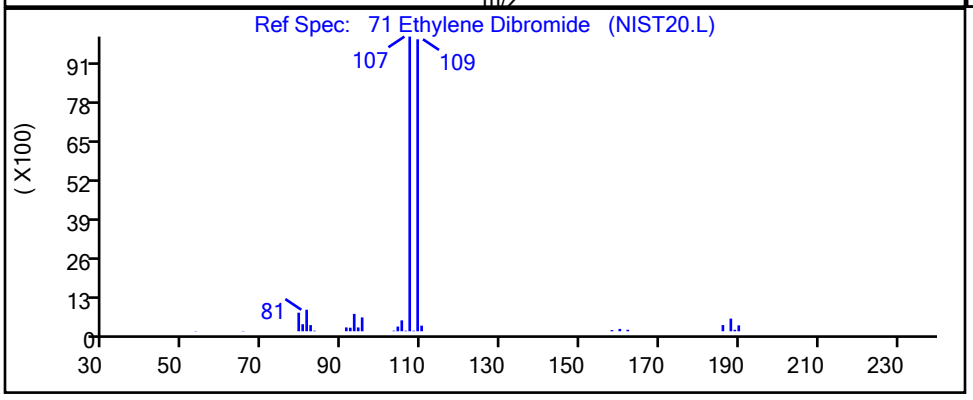
Processing Results











RT	Mass	Response	Amount
17.89	107.00	2858	0.026439
17.89	109.00	0	

Reviewer: F7XK, 18-Aug-2025 10:15:37 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington

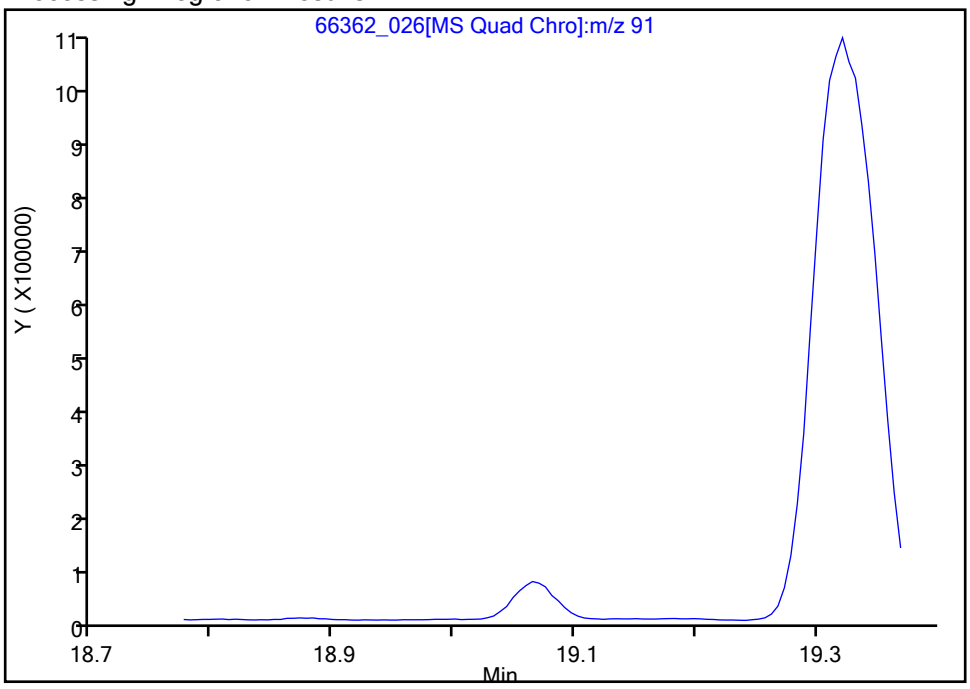
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Signal: 1

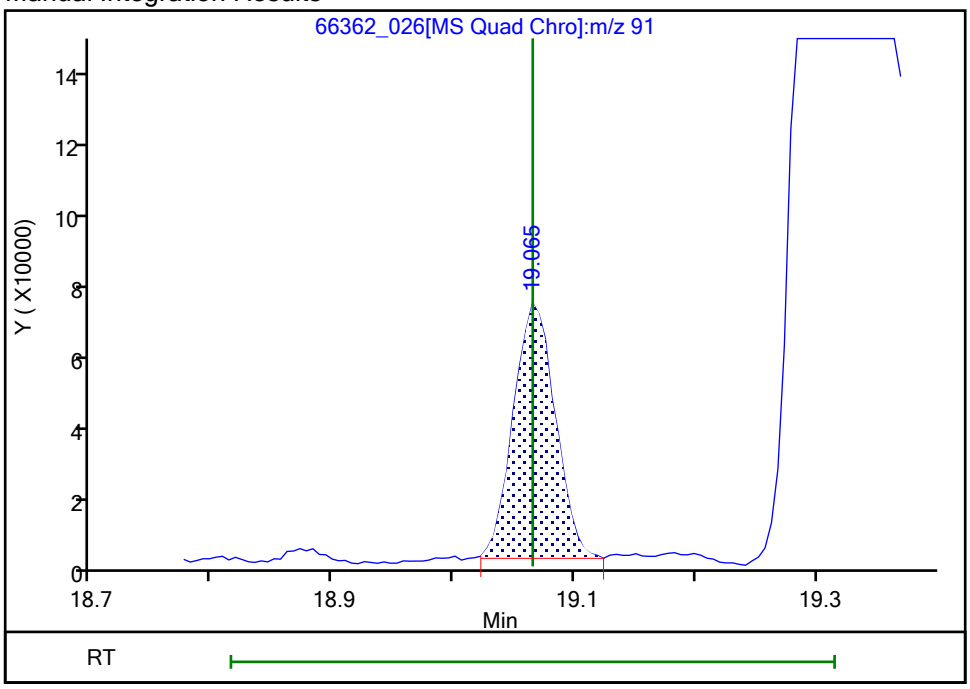
Not Detected
Expected RT: 19.07

Processing Integration Results



Manual Integration Results

RT: 19.06
Area: 169384
Amount: 0.701837
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 10:15:58 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

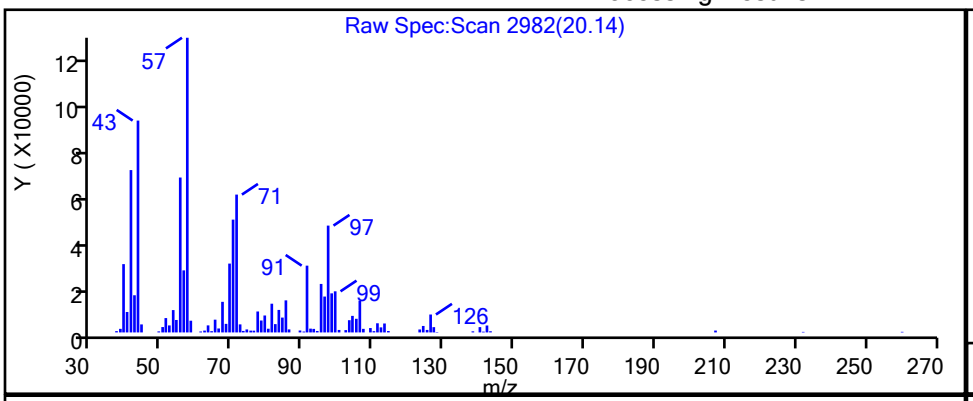
User Disabled Compound Report

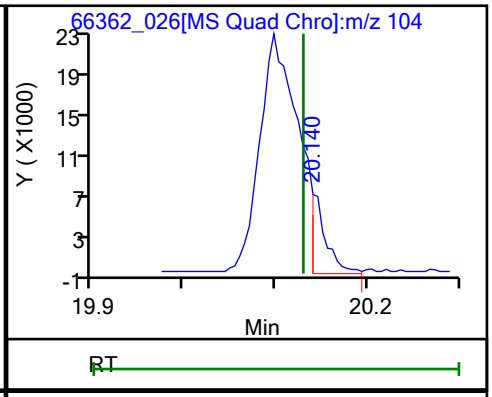
Eurofins Burlington

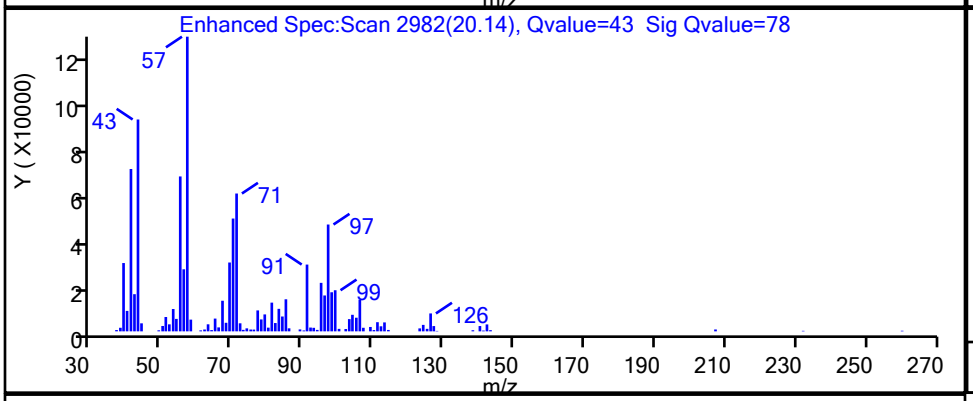
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

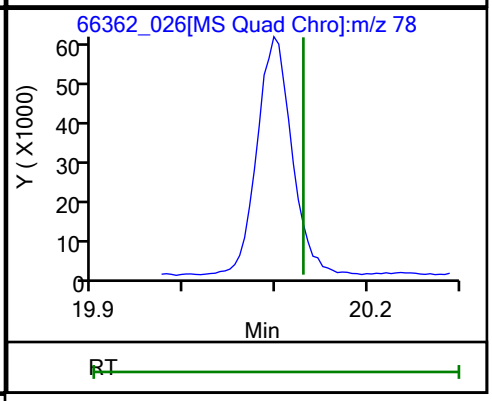
79 Styrene, CAS: 100-42-5

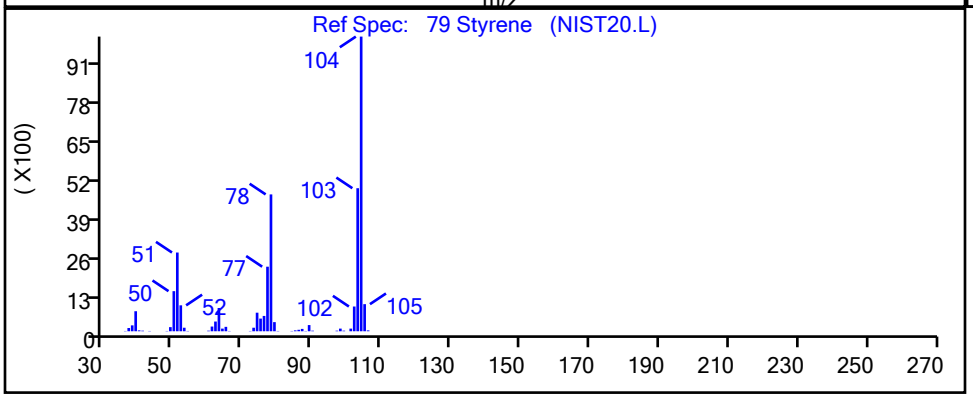
Processing Results











RT	Mass	Response	Amount
20.14	104.00	8053	0.053753
20.13	78.00	0	

Reviewer: F7XK, 18-Aug-2025 10:16:32 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington

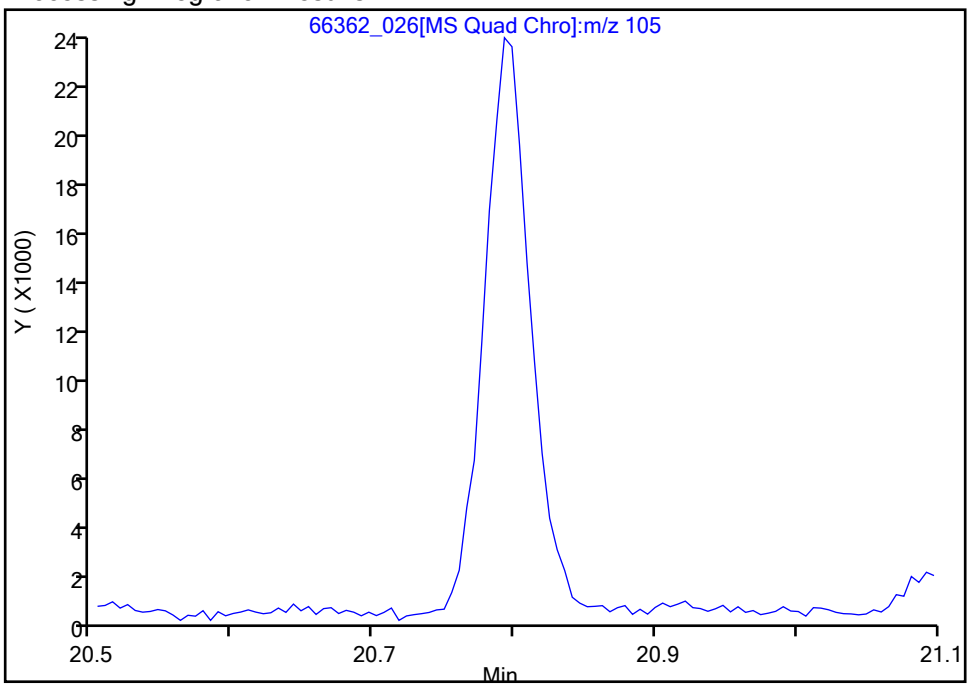
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Signal: 1

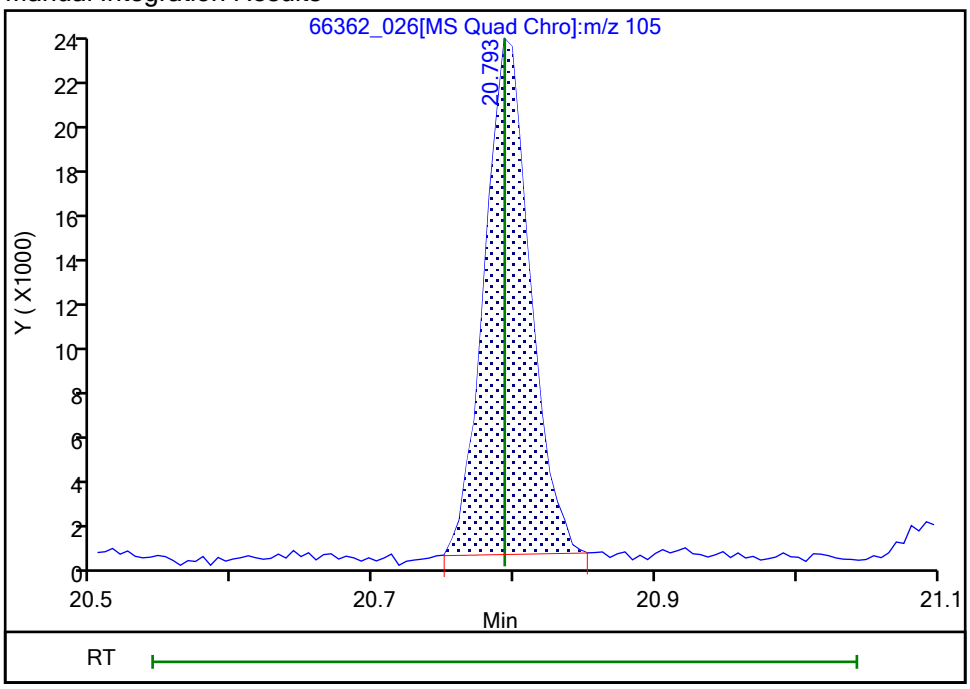
Not Detected
Expected RT: 20.79

Processing Integration Results



Manual Integration Results

RT: 20.79
Area: 50924
Amount: 0.180531
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 10:16:42 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

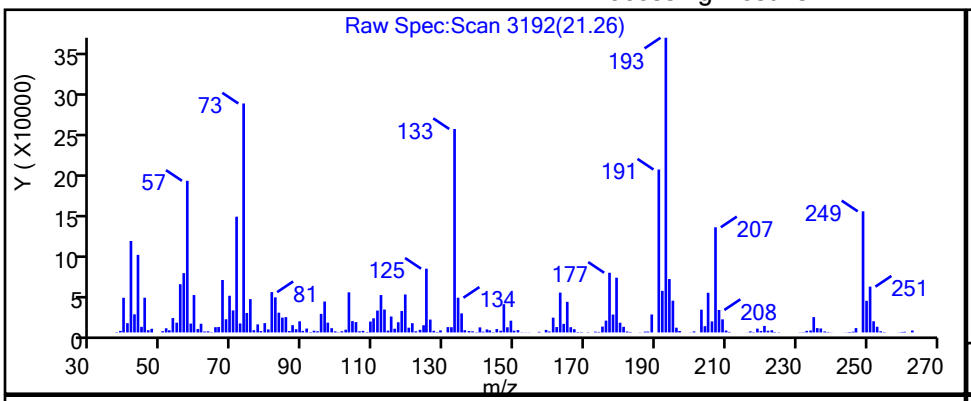
User Disabled Compound Report

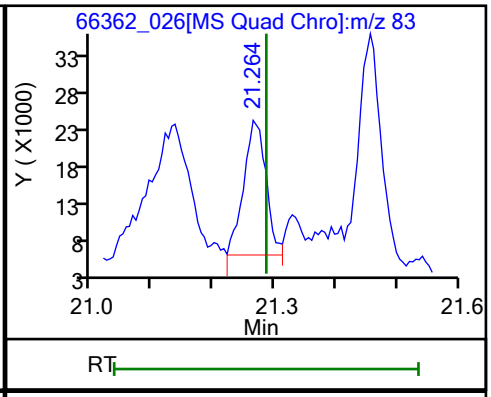
Eurofins Burlington

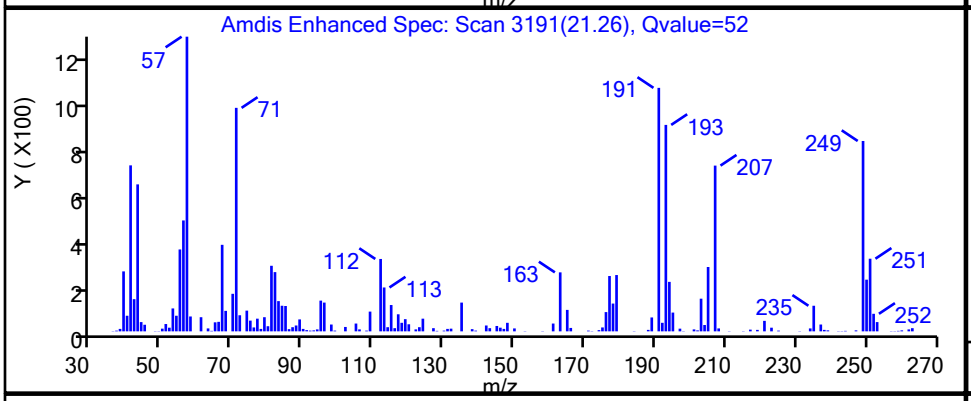
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

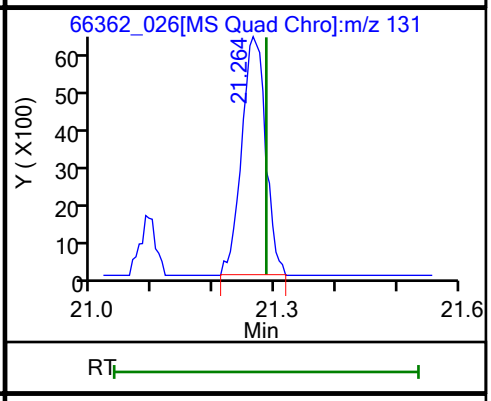
83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

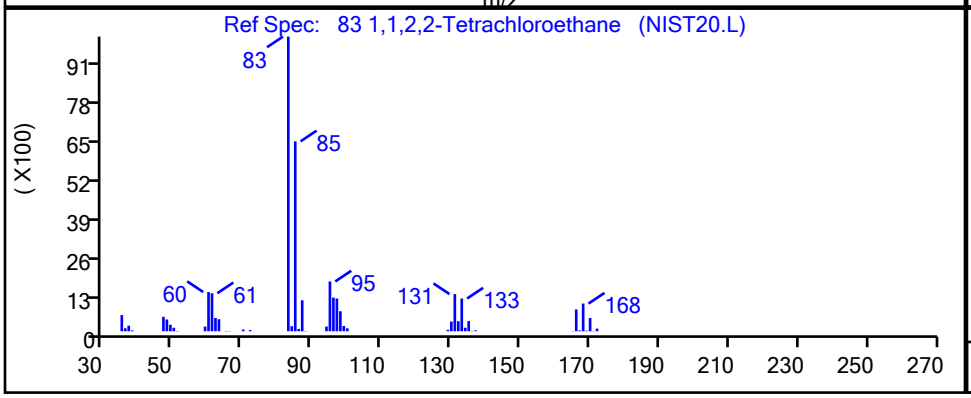
Processing Results

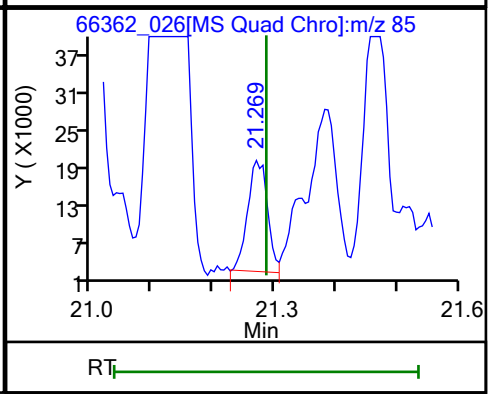












RT	Mass	Response	Amount
21.26	83.00	46099	0.323205
21.26	131.00	17683	
21.27	85.00	40180	

Reviewer: F7XK, 18-Aug-2025 10:17:30 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

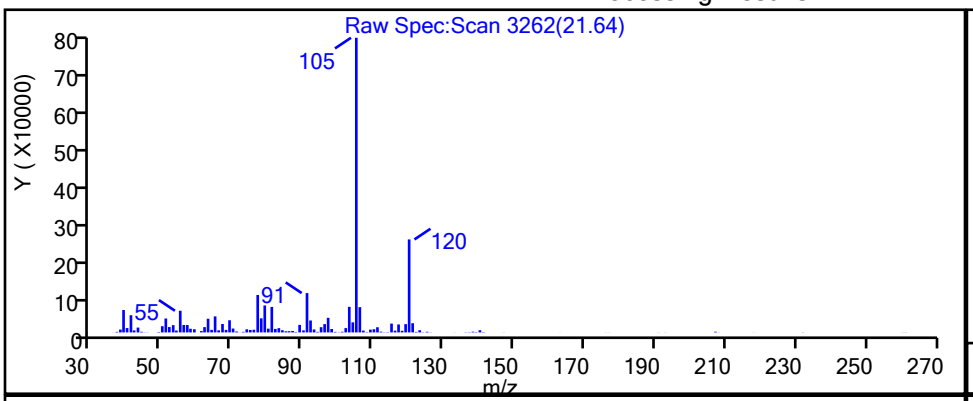
User Disabled Compound Report

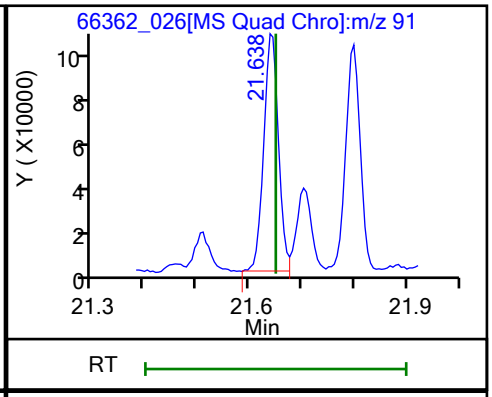
Eurofins Burlington

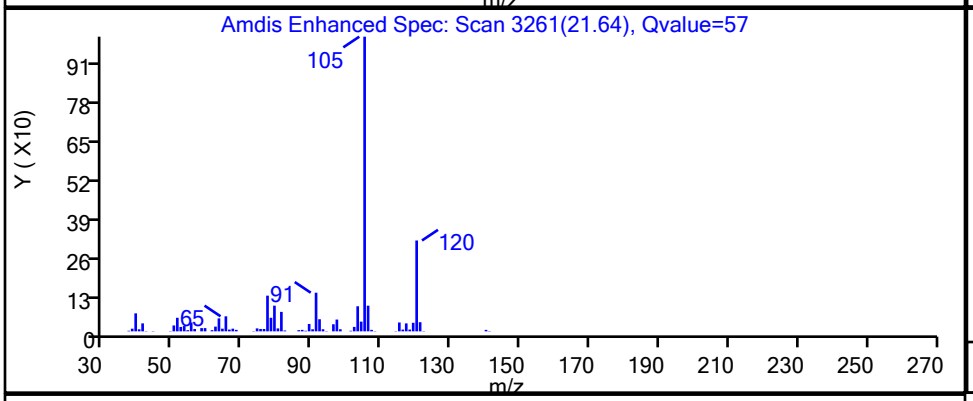
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

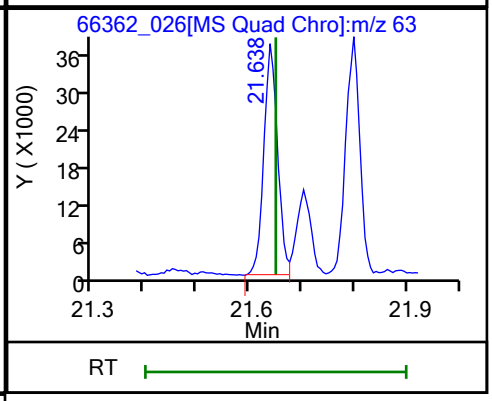
86 2-Chlorotoluene, CAS: 95-49-8

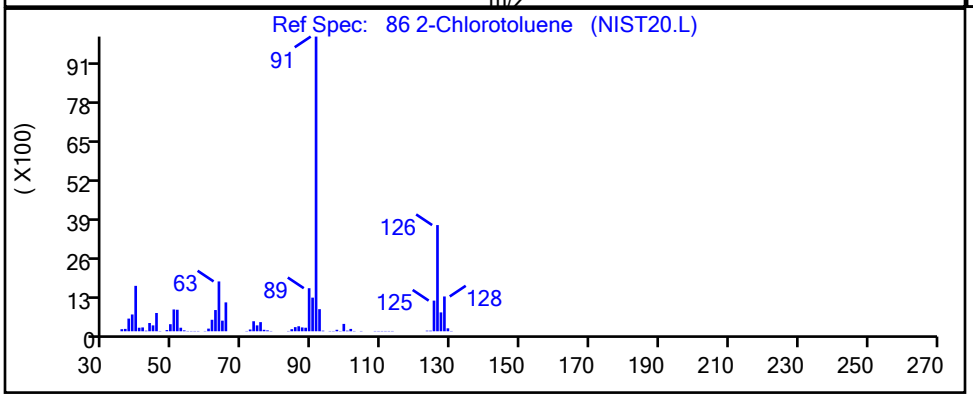
Processing Results











RT	Mass	Response	Amount
21.64	91.00	204847	1.008522
21.64	63.00	67225	

Reviewer: F7XK, 18-Aug-2025 10:17:41 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

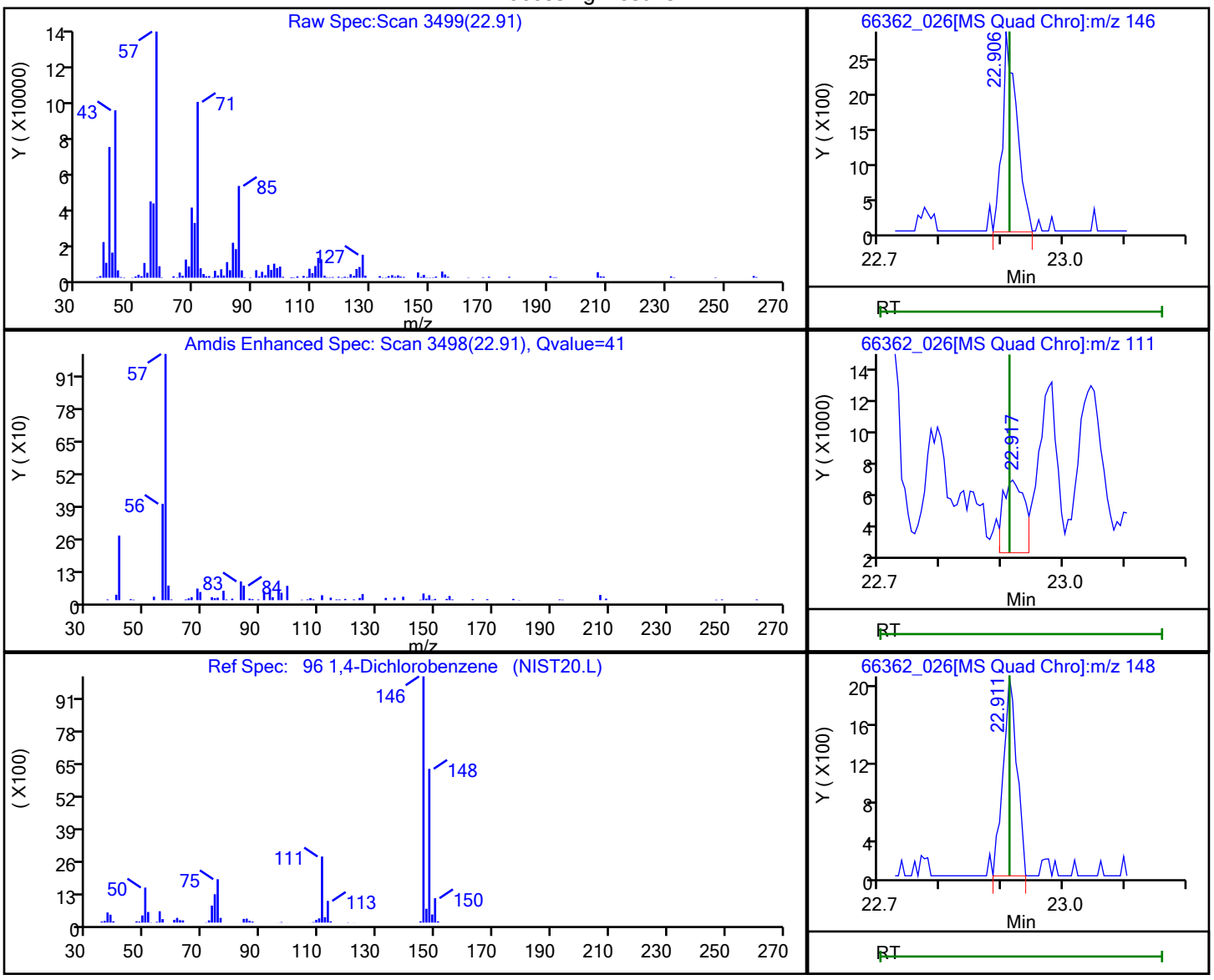
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
22.91	146.00	4571	0.025685
22.92	111.00	10806	
22.91	148.00	3244	

Reviewer: F7XK, 18-Aug-2025 10:18:03 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

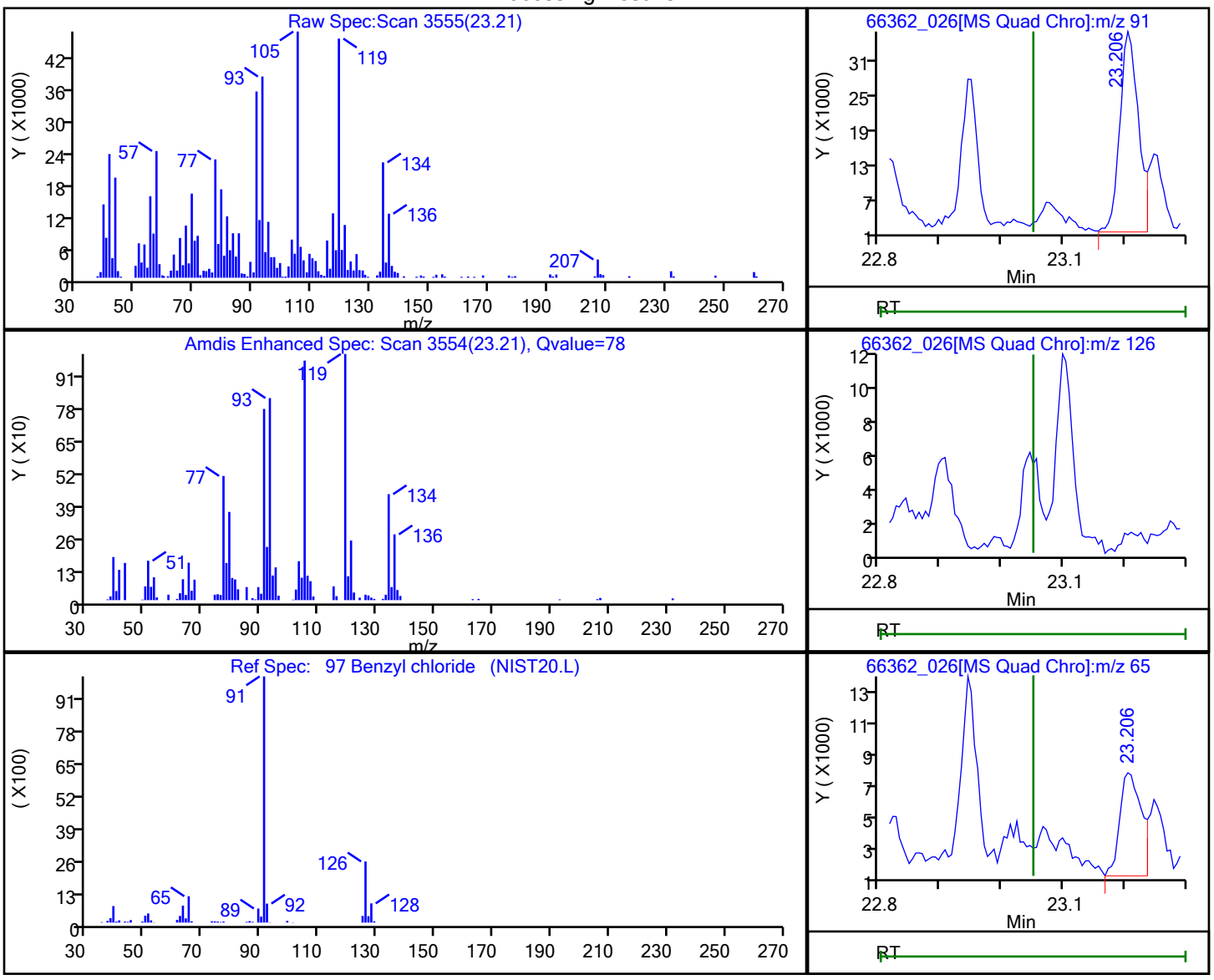
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
23.21	91.00	71561	0.365541
23.05	126.00	0	
23.21	65.00	15682	

Reviewer: F7XK, 18-Aug-2025 10:18:07 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

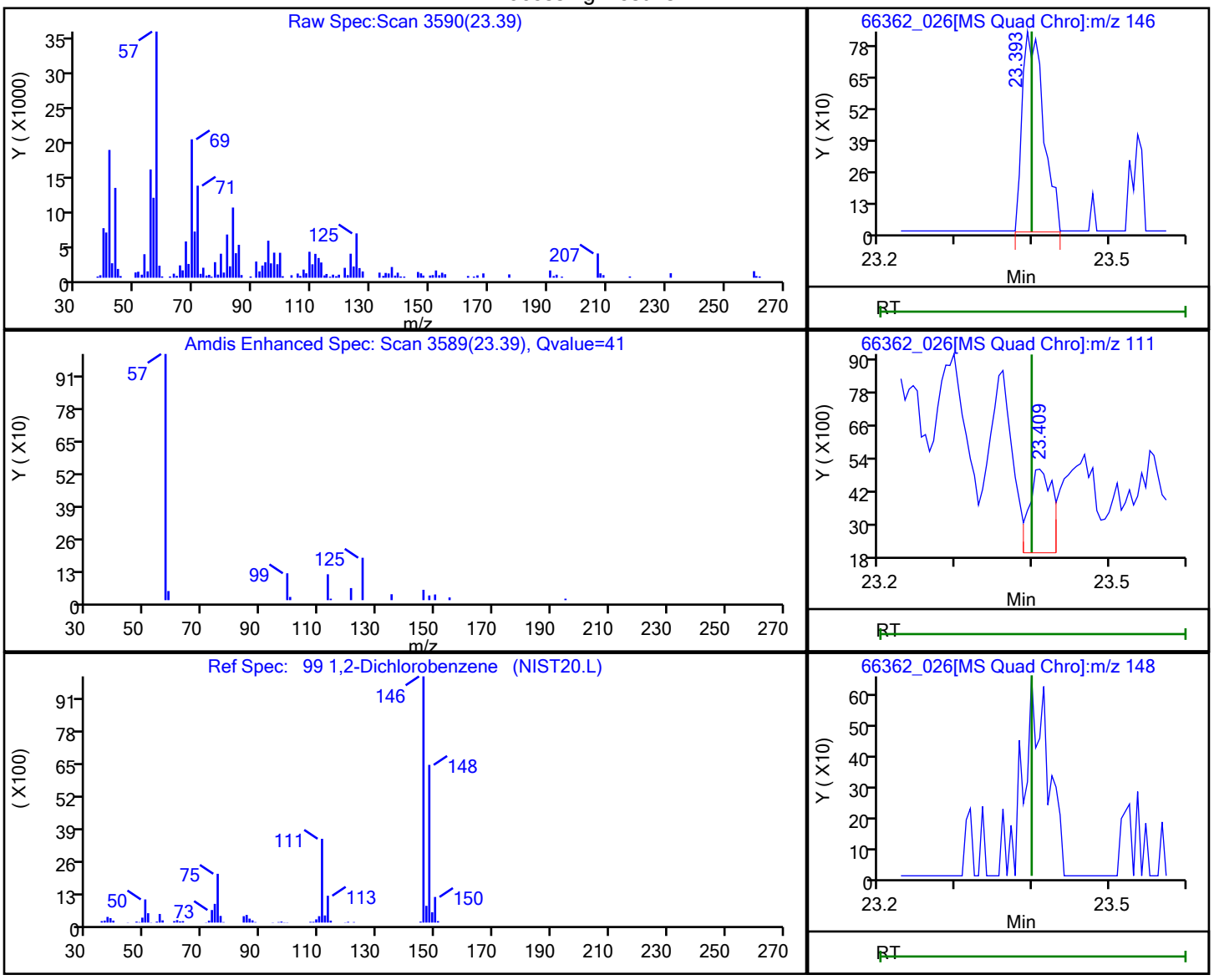
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

99 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
23.39	146.00	1599	0.009160
23.41	111.00	6509	
23.40	148.00	0	

Reviewer: F7XK, 18-Aug-2025 10:18:11 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

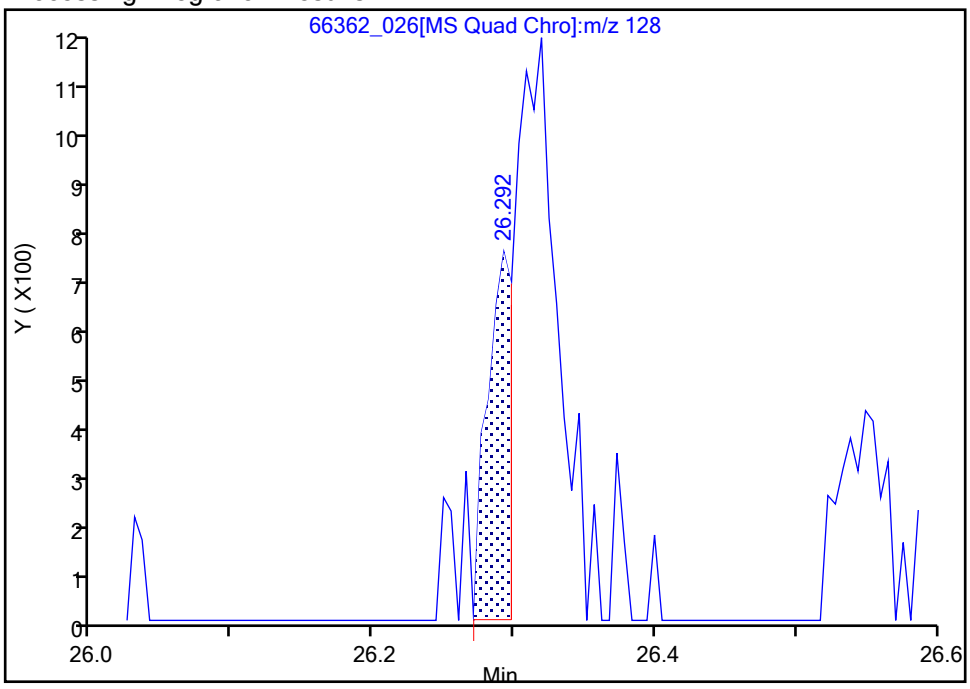
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_026.D				
Injection Date:	16-Aug-2025 04:41:24	Instrument ID:	CHAN.i		
Lims ID:	200-78914-A-3	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	wrd	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

104 Naphthalene, CAS: 91-20-3

Signal: 1

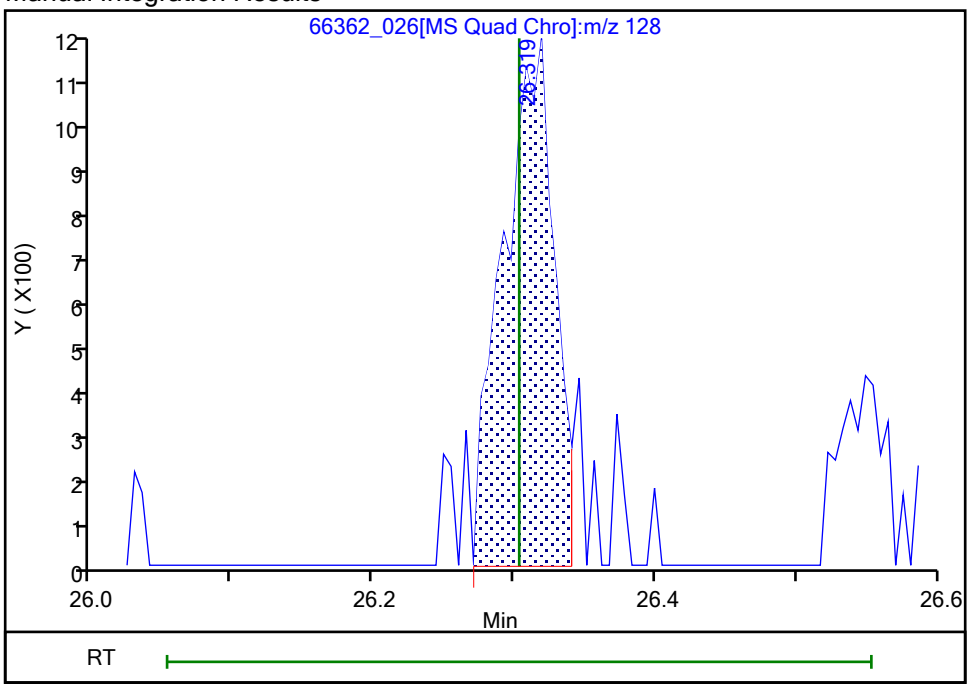
Processing Integration Results

RT: 26.29
Area: 919
Amount: 0.003474
Amount Units: ppb v/v



Manual Integration Results

RT: 26.32
Area: 2959
Amount: 0.011186
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 10:18:28 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SSDS_INF_20250814 DL Lab Sample ID: 200-78914-3 DL

Matrix: Air Lab File ID: 66386-07.d

Analysis Method: TO-15 Date Collected: 08/14/2025 12:00

Sample wt/vol: 20(mL) Date Analyzed: 08/18/2025 12:20

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: ____ % Solids: ____ Level: (low/med) Low

Analysis Batch No.: 219284 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	5.0	U H	5.0	2.2
75-45-6	Freon 22	86.47	5.0	U H	5.0	3.6
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.0	U H	2.0	0.76
74-87-3	Chloromethane	50.49	5.0	U H	5.0	3.3
106-97-8	n-Butane	58.12	27	H D	5.0	3.1
75-01-4	Vinyl chloride	62.50	2.0	U H	2.0	0.29
106-99-0	1,3-Butadiene	54.09	2.0	U H	2.0	0.40
74-83-9	Bromomethane	94.94	2.0	U H	2.0	0.62
75-00-3	Chloroethane	64.52	5.0	U H	5.0	1.6
593-60-2	Bromoethene(Vinyl Bromide)	106.96	2.0	U H	2.0	0.48
75-69-4	Trichlorofluoromethane	137.37	2.0	U H	2.0	0.77
76-13-1	Freon TF	187.38	2.0	U H	2.0	0.57
75-35-4	1,1-Dichloroethene	96.94	2.0	U H	2.0	0.35
67-64-1	Acetone	58.08	50	U H	50	19
67-63-0	Isopropyl alcohol	60.10	50	U H	50	22
75-15-0	Carbon disulfide	76.14	5.0	U H	5.0	1.8
107-05-1	3-Chloropropene	76.53	5.0	U H	5.0	0.81
75-09-2	Methylene Chloride	84.93	5.0	U H	5.0	1.9
75-65-0	tert-Butyl alcohol	74.12	50	U H	50	16
1634-04-4	Methyl tert-butyl ether	88.15	2.0	U H	2.0	0.66
156-60-5	trans-1,2-Dichloroethene	96.94	4.1	H D	2.0	0.20
110-54-3	n-Hexane	86.17	11	H D	5.0	1.6
75-34-3	1,1-Dichloroethane	98.96	2.0	U H	2.0	0.18
78-93-3	Methyl Ethyl Ketone	72.11	1.8	J H D	5.0	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	2.0	U H	2.0	0.32
540-59-0	1,2-Dichloroethene, Total	96.94	4.1	H D	4.0	0.20
67-66-3	Chloroform	119.38	1.4	J H D	2.0	0.59
109-99-9	Tetrahydrofuran	72.11	50	U H	50	17
71-55-6	1,1,1-Trichloroethane	133.41	2.0	U H	2.0	0.73
110-82-7	Cyclohexane	84.16	13	H D	2.0	0.52

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SSDS_INF_20250814 DL Lab Sample ID: 200-78914-3 DL

Matrix: Air Lab File ID: 66386-07.d

Analysis Method: TO-15 Date Collected: 08/14/2025 12:00

Sample wt/vol: 20(mL) Date Analyzed: 08/18/2025 12:20

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: ____ % Solids: ____ Level: (low/med) Low

Analysis Batch No.: 219284 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	2.0	U H	2.0	0.24
540-84-1	2,2,4-Trimethylpentane	114.23	270	H D	2.0	0.71
71-43-2	Benzene	78.11	8.8	H D	2.0	0.51
107-06-2	1,2-Dichloroethane	98.96	2.0	U H	2.0	0.74
142-82-5	n-Heptane	100.21	25	H D	2.0	0.86
79-01-6	Trichloroethene	131.39	2.0	U H	2.0	0.29
80-62-6	Methyl methacrylate	100.12	5.0	U H	5.0	1.3
78-87-5	1,2-Dichloropropane	112.99	2.2	H D	2.0	0.55
123-91-1	1,4-Dioxane	88.11	50	U H	50	1.9
75-27-4	Bromodichloromethane	163.83	2.0	U H	2.0	0.58
10061-01-5	cis-1,3-Dichloropropene	110.97	2.0	U H	2.0	0.56
108-10-1	methyl isobutyl ketone	100.16	5.0	U H	5.0	1.9
108-88-3	Toluene	92.14	21	H D	2.0	0.54
10061-02-6	trans-1,3-Dichloropropene	110.97	2.0	U H	2.0	0.62
79-00-5	1,1,2-Trichloroethane	133.41	2.0	U H	2.0	0.53
127-18-4	Tetrachloroethene	165.83	0.42	J H D	2.0	0.36
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.0	U H	5.0	2.0
124-48-1	Dibromochloromethane	208.28	2.0	U H	2.0	0.53
106-93-4	1,2-Dibromoethane	187.87	2.0	U H	2.0	0.45
108-90-7	Chlorobenzene	112.56	0.49	J H D	2.0	0.47
100-41-4	Ethylbenzene	106.17	3.0	H D	2.0	0.51
179601-23-1	m,p-Xylene	106.17	80	H D	5.0	0.14
95-47-6	Xylene, o-	106.17	40	H D	2.0	0.69
1330-20-7	Xylene (total)	106.17	120	H D	7.0	0.14
100-42-5	Styrene	104.15	2.0	U H	2.0	0.56
75-25-2	Bromoform	252.75	2.0	U H	2.0	0.58
98-82-8	Cumene	120.19	0.83	J H D	2.0	0.72
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.0	U H	2.0	0.61
622-96-8	4-Ethyltoluene	120.20	7.4	H D	2.0	0.68
108-67-8	1,3,5-Trimethylbenzene	120.20	24	H D	2.0	0.68

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SSDS_INF_20250814 DL Lab Sample ID: 200-78914-3 DL

Matrix: Air Lab File ID: 66386-07.d

Analysis Method: TO-15 Date Collected: 08/14/2025 12:00

Sample wt/vol: 20(mL) Date Analyzed: 08/18/2025 12:20

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219284 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-49-8	*2-Chlorotoluene*	*126.59*	*2.0*	*U H*	*2.0*	*0.58*
95-63-6	*1,2,4-Trimethylbenzene*	*120.20*	*8.5*	*H D*	*2.0*	*0.82*
99-87-6	*4-Isopropyltoluene*	*134.22*	*0.88*	*J H D*	*2.0*	*0.78*
541-73-1	*1,3-Dichlorobenzene*	*147.00*	*2.0*	*U H*	*2.0*	*0.63*
106-46-7	*1,4-Dichlorobenzene*	*147.00*	*2.0*	*U H*	*2.0*	*0.70*
100-44-7	*Benzyl chloride*	*126.58*	*2.0*	*U H*	*2.0*	*0.74*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*2.0*	*U H*	*2.0*	*0.66*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*5.0*	*U H*	*5.0*	*3.0*
87-68-3	*Hexachlorobutadiene*	*260.76*	*2.0*	*U H*	*2.0*	*0.78*
91-20-3	*Naphthalene*	*128.17*	*1.5*	*J H D*	*5.0*	*1.1*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-78914-1

SDG No.:

Client Sample ID: SSDS_INF_20250814 DL | Lab Sample ID: 200-78914-3 DL

Matrix: Air | Lab File ID: 66386-07.d

Analysis Method: TO-15 | Date Collected: 08/14/2025 12:00

Sample wt/vol: 20(mL) | Date Analyzed: 08/18/2025 12:20

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 219284 | Units: ug/m3

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	25	U H	25	11
75-45-6	Freon 22	86.47	18	U H	18	13
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	14	U H	14	5.3
74-87-3	Chloromethane	50.49	10	U H	10	6.8
106-97-8	n-Butane	58.12	64	H D	12	7.4
75-01-4	Vinyl chloride	62.50	5.1	U H	5.1	0.74
106-99-0	1,3-Butadiene	54.09	4.4	U H	4.4	0.88
74-83-9	Bromomethane	94.94	7.8	U H	7.8	2.4
75-00-3	Chloroethane	64.52	13	U H	13	4.2
593-60-2	Bromoethene(Vinyl Bromide)	106.96	8.7	U H	8.7	2.1
75-69-4	Trichlorofluoromethane	137.37	11	U H	11	4.3
76-13-1	Freon TF	187.38	15	U H	15	4.4
75-35-4	1,1-Dichloroethene	96.94	7.9	U H	7.9	1.4
67-64-1	Acetone	58.08	120	U H	120	45
67-63-0	Isopropyl alcohol	60.10	120	U H	120	54
75-15-0	Carbon disulfide	76.14	16	U H	16	5.6
107-05-1	3-Chloropropene	76.53	16	U H	16	2.5
75-09-2	Methylene Chloride	84.93	17	U H	17	6.6
75-65-0	tert-Butyl alcohol	74.12	150	U H	150	49
1634-04-4	Methyl tert-butyl ether	88.15	7.2	U H	7.2	2.4
156-60-5	trans-1,2-Dichloroethene	96.94	16	H D	7.9	0.79
110-54-3	n-Hexane	86.17	40	H D	18	5.6
75-34-3	1,1-Dichloroethane	98.96	8.1	U H	8.1	0.73
78-93-3	Methyl Ethyl Ketone	72.11	5.2	J H D	15	4.1
156-59-2	cis-1,2-Dichloroethene	96.94	7.9	U H	7.9	1.3
540-59-0	1,2-Dichloroethene, Total	96.94	16	H D	16	0.79
67-66-3	Chloroform	119.38	6.8	J H D	9.8	2.9
109-99-9	Tetrahydrofuran	72.11	150	U H	150	50
71-55-6	1,1,1-Trichloroethane	133.41	11	U H	11	4.0
110-82-7	Cyclohexane	84.16	44	H D	6.9	1.8

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SSDS_INF_20250814 DL Lab Sample ID: 200-78914-3 DL

Matrix: Air Lab File ID: 66386-07.d

Analysis Method: TO-15 Date Collected: 08/14/2025 12:00

Sample wt/vol: 20(mL) Date Analyzed: 08/18/2025 12:20

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219284 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	13	U H	13	1.5
540-84-1	2,2,4-Trimethylpentane	114.23	1300	H D	9.3	3.3
71-43-2	Benzene	78.11	28	H D	6.4	1.6
107-06-2	1,2-Dichloroethane	98.96	8.1	U H	8.1	3.0
142-82-5	n-Heptane	100.21	100	H D	8.2	3.5
79-01-6	Trichloroethene	131.39	11	U H	11	1.6
80-62-6	Methyl methacrylate	100.12	20	U H	20	5.3
78-87-5	1,2-Dichloropropane	112.99	9.9	H D	9.2	2.5
123-91-1	1,4-Dioxane	88.11	180	U H	180	6.8
75-27-4	Bromodichloromethane	163.83	13	U H	13	3.9
10061-01-5	cis-1,3-Dichloropropene	110.97	9.1	U H	9.1	2.5
108-10-1	methyl isobutyl ketone	100.16	20	U H	20	7.8
108-88-3	Toluene	92.14	78	H D	7.5	2.0
10061-02-6	trans-1,3-Dichloropropene	110.97	9.1	U H	9.1	2.8
79-00-5	1,1,2-Trichloroethane	133.41	11	U H	11	2.9
127-18-4	Tetrachloroethene	165.83	2.9	J H D	14	2.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	20	U H	20	8.2
124-48-1	Dibromochloromethane	208.28	17	U H	17	4.5
106-93-4	1,2-Dibromoethane	187.87	15	U H	15	3.5
108-90-7	Chlorobenzene	112.56	2.2	J H D	9.2	2.2
100-41-4	Ethylbenzene	106.17	13	H D	8.7	2.2
179601-23-1	m,p-Xylene	106.17	350	H D	22	0.61
95-47-6	Xylene, o-	106.17	170	H D	8.7	3.0
1330-20-7	Xylene (total)	106.17	520	H D	30	0.61
100-42-5	Styrene	104.15	8.5	U H	8.5	2.4
75-25-2	Bromoform	252.75	21	U H	21	6.0
98-82-8	Cumene	120.19	4.1	J H D	9.8	3.5
79-34-5	1,1,2,2-Tetrachloroethane	167.85	14	U H	14	4.2
622-96-8	4-Ethyltoluene	120.20	36	H D	9.8	3.3
108-67-8	1,3,5-Trimethylbenzene	120.20	120	H D	9.8	3.3

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: SSDS_INF_20250814 DL Lab Sample ID: 200-78914-3 DL

Matrix: Air Lab File ID: 66386-07.d

Analysis Method: TO-15 Date Collected: 08/14/2025 12:00

Sample wt/vol: 20(mL) Date Analyzed: 08/18/2025 12:20

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219284 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-49-8	*2-Chlorotoluene*	*126.59*	*10*	*U H*	*10*	*3.0*
95-63-6	*1,2,4-Trimethylbenzene*	*120.20*	*42*	*H D*	*9.8*	*4.0*
99-87-6	*4-Isopropyltoluene*	*134.22*	*4.8*	*J H D*	*11*	*4.3*
541-73-1	*1,3-Dichlorobenzene*	*147.00*	*12*	*U H*	*12*	*3.8*
106-46-7	*1,4-Dichlorobenzene*	*147.00*	*12*	*U H*	*12*	*4.2*
100-44-7	*Benzyl chloride*	*126.58*	*10*	*U H*	*10*	*3.8*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*12*	*U H*	*12*	*4.0*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*37*	*U H*	*37*	*22*
87-68-3	*Hexachlorobutadiene*	*260.76*	*21*	*U H*	*21*	*8.3*
91-20-3	*Naphthalene*	*128.17*	*7.8*	*J H D*	*26*	*5.8*

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d
Lims ID: 200-78914-A-3 DL
Client ID: SSDS_INF_20250813
Sample Type: Client
Inject. Date: 18-Aug-2025 12:20:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Sample Info: 200-0066386-007
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Aug-2025 09:32:24 Calib Date: 12-Aug-2025 09:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: F7XK Date: 19-Aug-2025 09:32:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.211	4.206	0.005	94	3111	0.0734	
3 Chlorodifluoromethane	51	4.243	4.243	0.000	1	1290	0.0538	M
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.543				ND	
5 Chloromethane	50		4.661				ND	7
6 Vinyl chloride	62		4.955				ND	
7 Butane	43	4.960	4.960	0.000	94	67902	2.71	
8 Butadiene	54		5.067				ND	7
9 Bromomethane	94		5.816				ND	
10 Chloroethane	64		6.105				ND	
13 Vinyl bromide	106		6.576				ND	
14 Trichlorofluoromethane	101	6.768	6.768	0.010	1	1362	0.0298	M
20 1,1-Dichloroethene	96		7.988				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.042				ND	
22 Acetone	43		8.063				ND	MU
23 Isopropyl alcohol	45	8.464	8.414	0.053	97	12028	0.5404	
24 Carbon disulfide	76		8.480				ND	MU
26 3-Chloro-1-propene	41		8.812				ND	
27 Methylene Chloride	49	9.095	9.095	0.000	42	1696	0.1005	M
28 2-Methyl-2-propanol	59		9.320				ND	7
31 Methyl tert-butyl ether	73		9.695				ND	7
30 trans-1,2-Dichloroethene	61	9.705	9.700	0.005	93	8468	0.4073	
S 35 1,2-Dichloroethene, Total	61				0		0.4073	
32 Hexane	57	10.299	10.299	0.000	88	25090	1.14	
33 1,1-Dichloroethane	63		10.588				ND	
36 2-Butanone (MEK)	72	11.733	11.684	0.054	91	1130	0.1771	
37 cis-1,2-Dichloroethene	96		11.727				ND	
* 39 Chlorobromomethane	128	12.188	12.188	0.000	89	102175	10.0	
40 Tetrahydrofuran	42	12.279	12.240	0.042	80	6902	0.4411	
41 Chloroform	83	12.380	12.385	0.000	52	4492	0.1384	
42 1,1,1-Trichloroethane	97		12.723				ND	
43 Cyclohexane	84	12.883	12.883	-0.005	90	23921	1.27	M
44 Carbon tetrachloride	117	13.054	13.043	0.011	1	546	0.0134	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
45 Benzene	78	13.413	13.407	0.006	97	36527	0.8788	
46 1,2-Dichloroethane	62		13.482				ND	MU
47 Isooctane	57	13.643	13.648	0.000	96	1915625	26.9	
48 n-Heptane	43	13.969	13.969	0.000	90	63239	2.52	
* 49 1,4-Difluorobenzene	114	14.188	14.188	0.000	96	528882	10.0	
51 Trichloroethene	95		14.664				ND	MU
53 1,2-Dichloropropane	63	15.135	15.135	-0.011	47	3347	0.2152	M
54 Methyl methacrylate	69		15.215				ND	MU
55 1,4-Dioxane	88		15.269				ND	
58 Dichlorobromomethane	83		15.627				ND	MU
59 cis-1,3-Dichloropropene	75		16.467				ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.713				ND	MU
62 Toluene	92	17.147	17.141	0.006	93	67491	2.06	
66 trans-1,3-Dichloropropene	75		17.553				ND	MU
67 1,1,2-Trichloroethane	83		17.944				ND	MU
68 Tetrachloroethene	166	18.163	18.163	-0.011	4	1325	0.0421	M
69 2-Hexanone	43		18.340				ND	MU
70 Chlorodibromomethane	129		18.720				ND	MU
71 Ethylene Dibromide	107		18.976				ND	MU
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	90	474569	10.0	
74 Chlorobenzene	112	19.950	19.950	-0.011	35	2266	0.0488	M
S 80 Xylenes, Total	106				0		12.0	
75 Ethylbenzene	91	20.153	20.153	0.005	88	23201	0.2990	Ma
76 m-Xylene & p-Xylene	106	20.389	20.405	-0.016	0	233364	8.00	
78 o-Xylene	106	21.111	21.105	0.000	97	112515	4.02	
79 Styrene	104		21.138				ND	MU
81 Bromoform	173	21.459	21.459	0.000	59	1995	0.0552	M
82 Isopropylbenzene	105	21.731	21.731	0.005	81	7702	0.0834	Ma
83 1,1,2,2-Tetrachloroethane	83		22.186				ND	MU
86 2-Chlorotoluene	91		22.539				ND	MU
87 4-Ethyltoluene	105	22.566	22.566	0.000	99	66600	0.7366	
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	91	189069	2.35	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	98	67902	0.8529	
94 1,3-Dichlorobenzene	146	23.620	23.620	-0.005	64	2014	0.0375	M
95 4-Isopropyltoluene	119	23.641	23.641	-0.006	92	9044	0.0880	M
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	73	2431	0.0456	
97 Benzyl chloride	91	23.936	23.919	0.017	66	1342	0.0196	
99 1,2-Dichlorobenzene	146	24.321	24.305	0.016	82	2684	0.0523	
102 1,2,4-Trichlorobenzene	180	27.022	27.015	0.000	91	5297	0.1255	
103 Hexachlorobutadiene	225	27.290	27.295	-0.005	82	2293	0.0478	
104 Naphthalene	128	27.589	27.589	0.016	99	14001	0.1485	M

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected
a - User Assigned ID

Reagents:

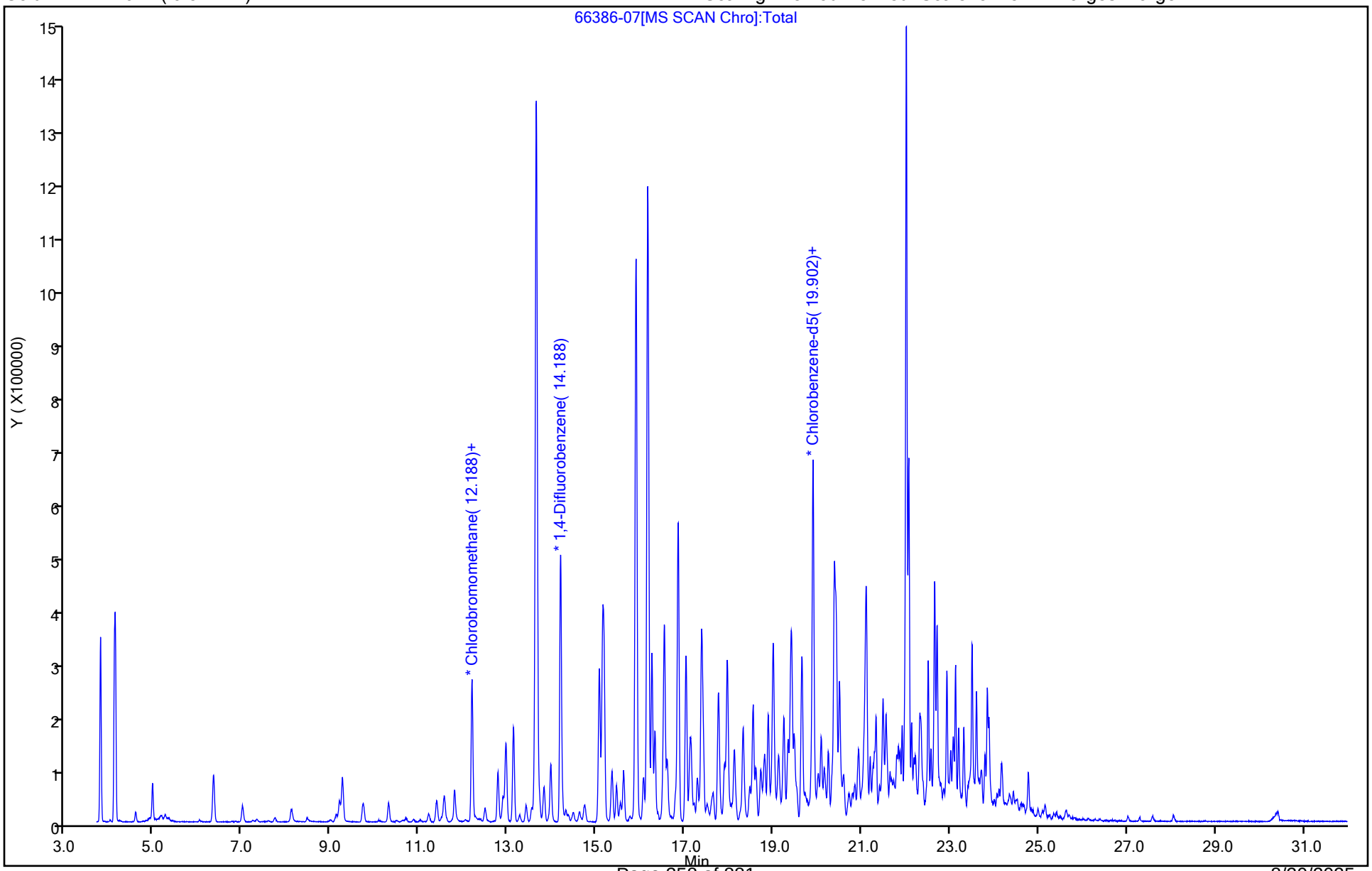
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 19-Aug-2025 09:32:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3	Worklist Smp#:	7
Client ID:	SSDS_INF_20250813				
Purge Vol:	200.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	6
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



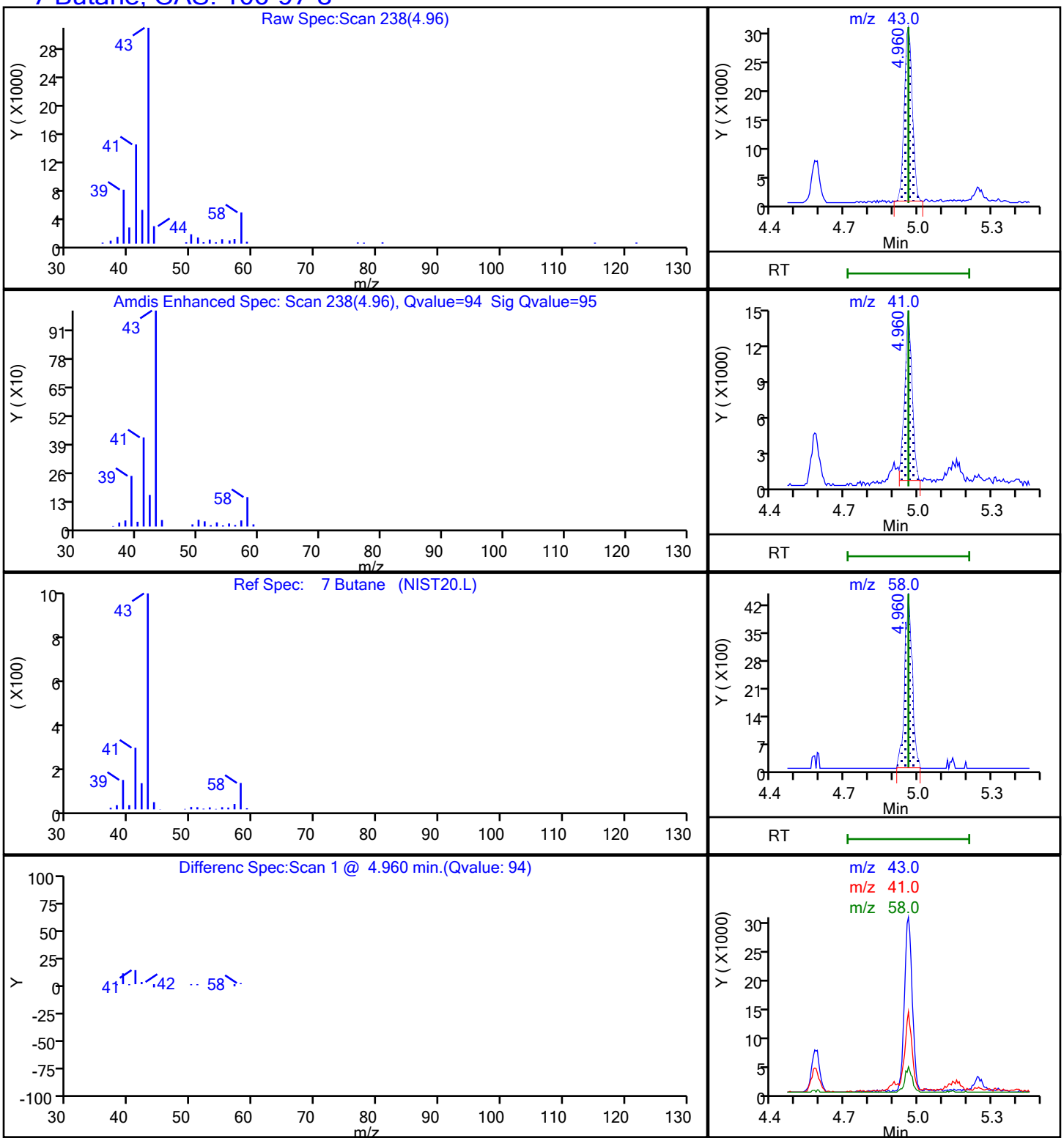
Report Date: 19-Aug-2025 09:32:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d

Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

7 Butane, CAS: 106-97-8



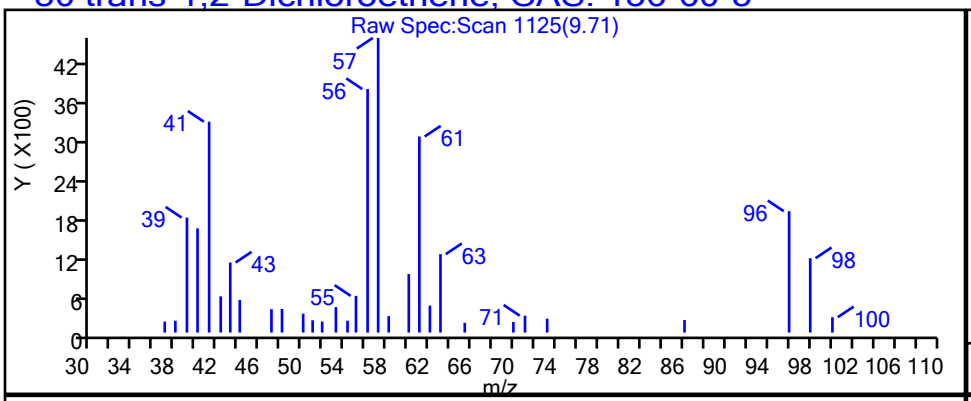
8/20/2025
2:57:54 PM

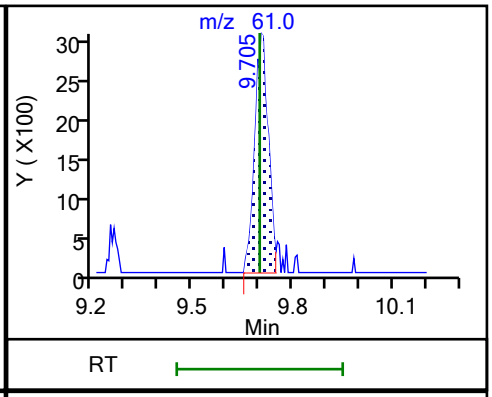
Report Date: 19-Aug-2025 09:32:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

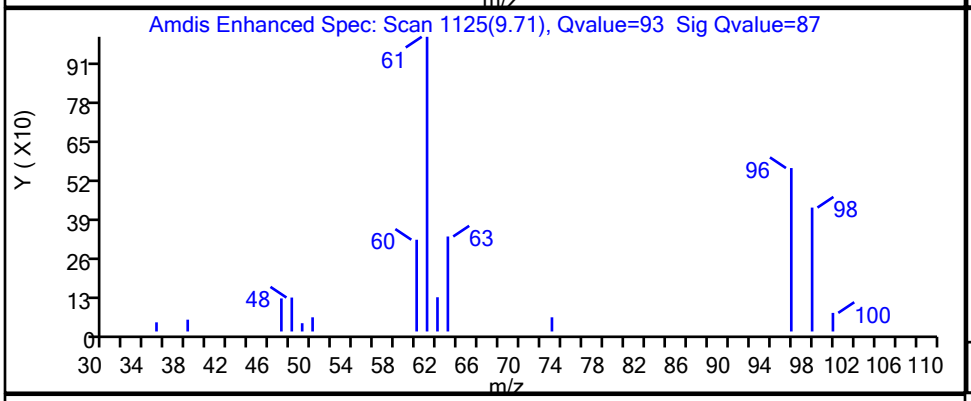
Eurofins Burlington

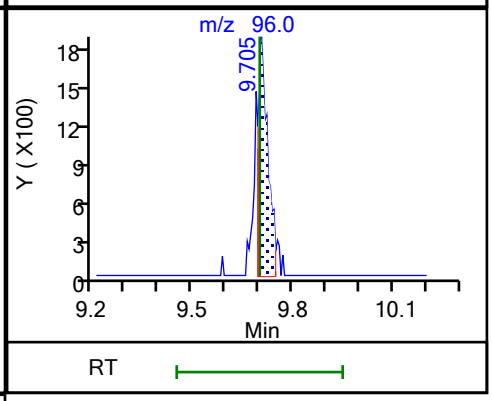
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

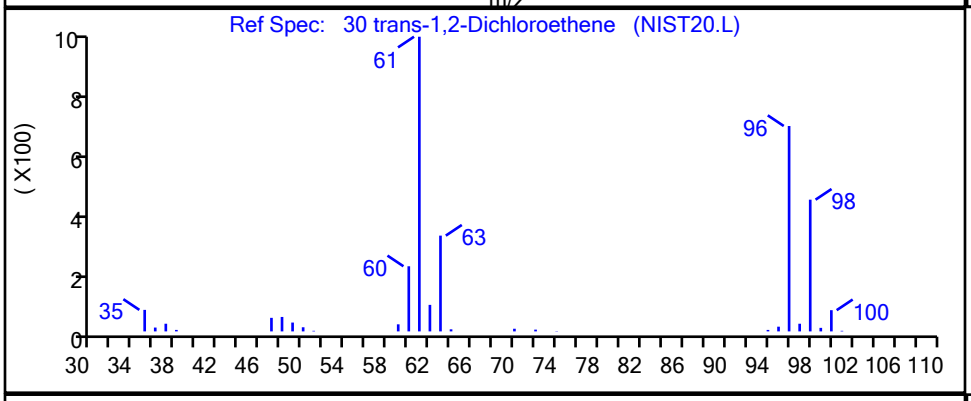
30 trans-1,2-Dichloroethene, CAS: 156-60-5

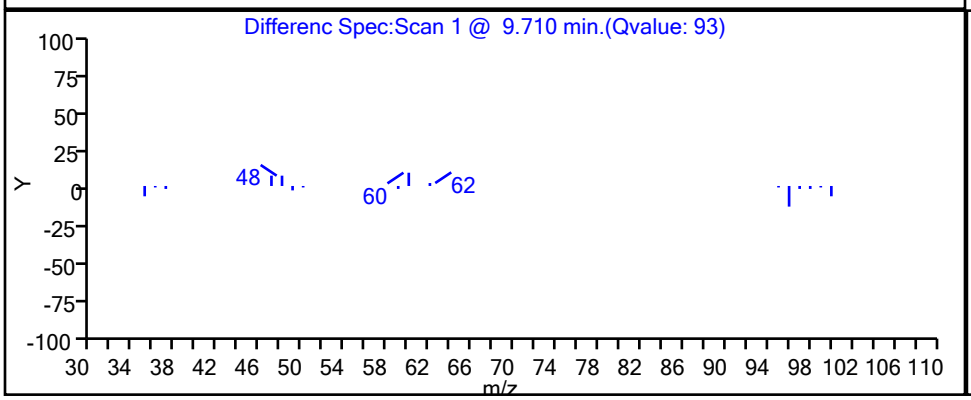


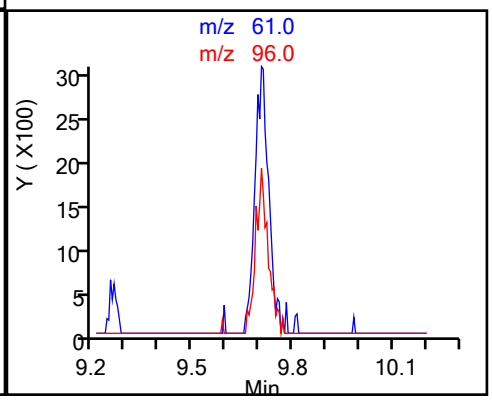








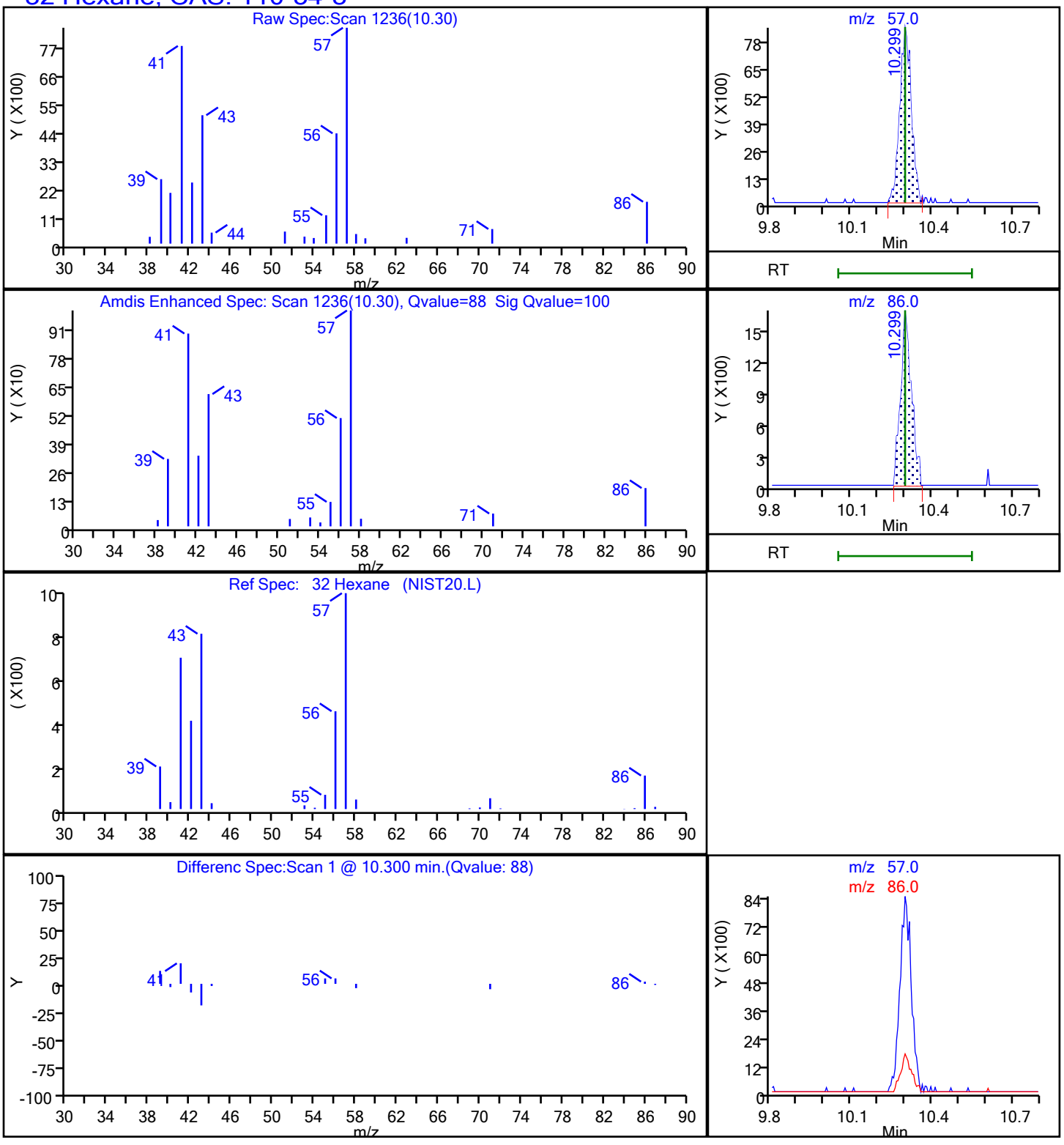




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

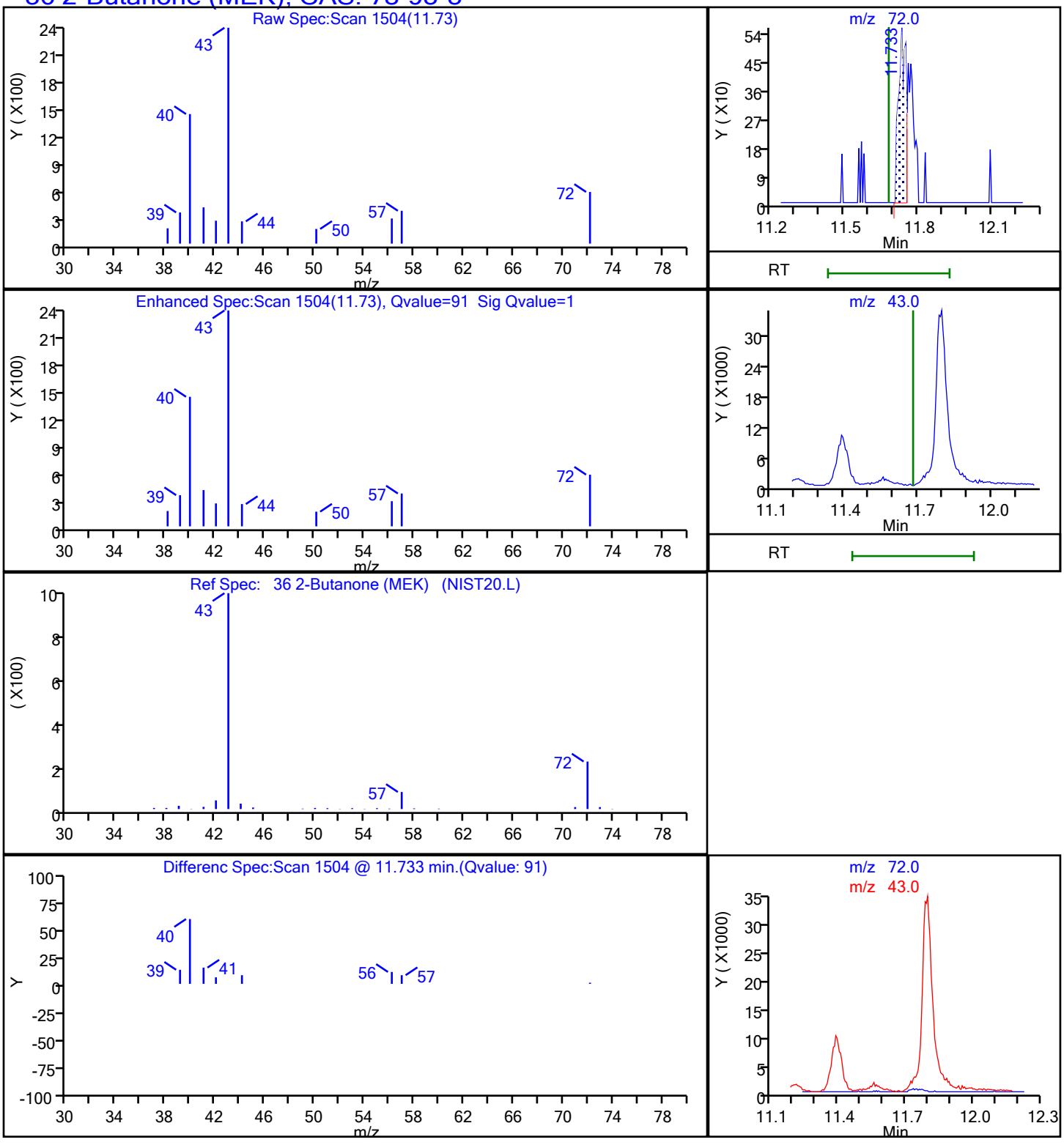
32 Hexane, CAS: 110-54-3



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d
Injection Date: 18-Aug-2025 12:20:30 Instrument ID: CHW.i
Lims ID: 200-78914-A-3 DL Lab Sample ID: 200-78914-3
Client ID: SSDS_INF_20250813
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

36 2-Butanone (MEK), CAS: 78-93-3



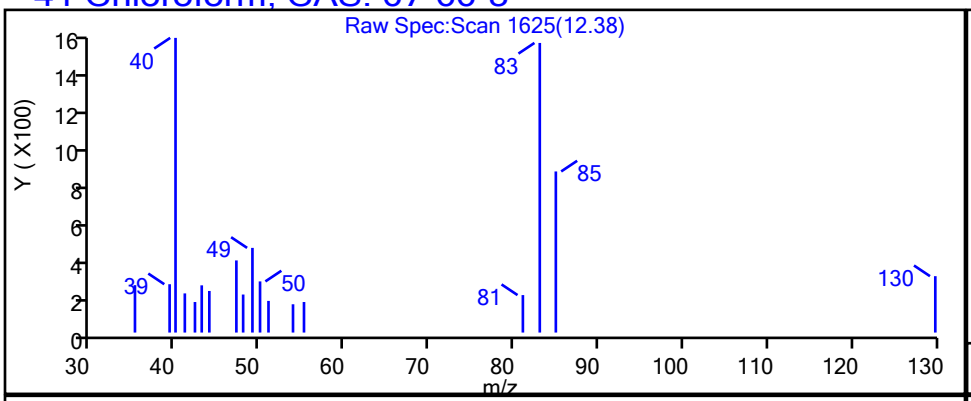
Report Date: 19-Aug-2025 09:32:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

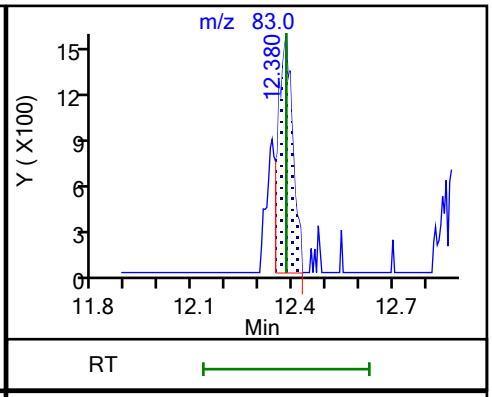
Eurofins Burlington

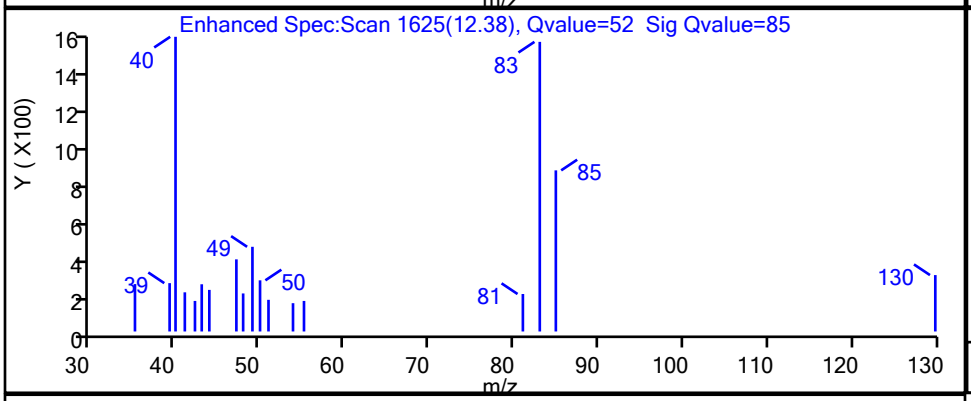
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d

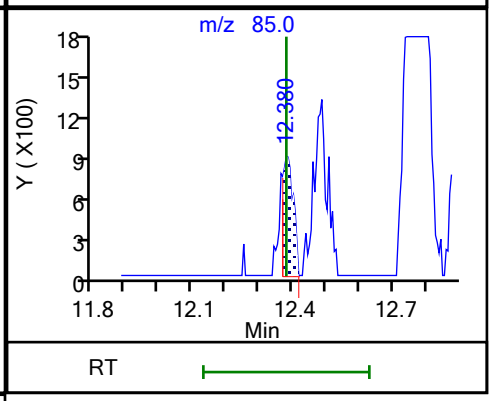
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

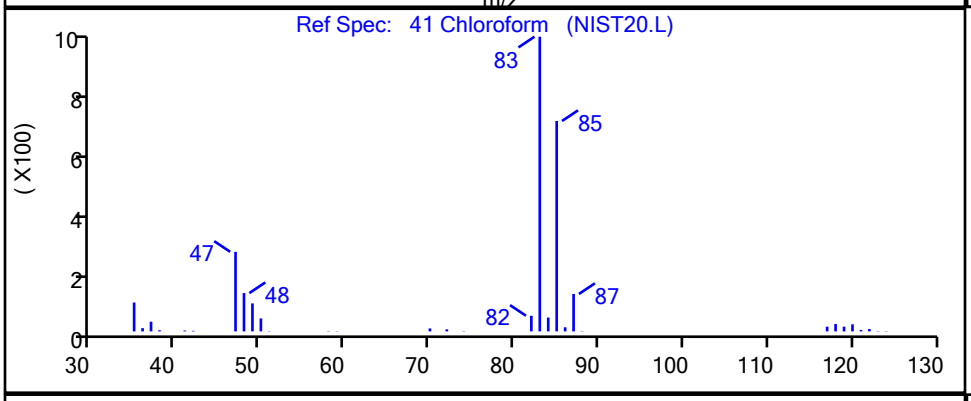
41 Chloroform, CAS: 67-66-3

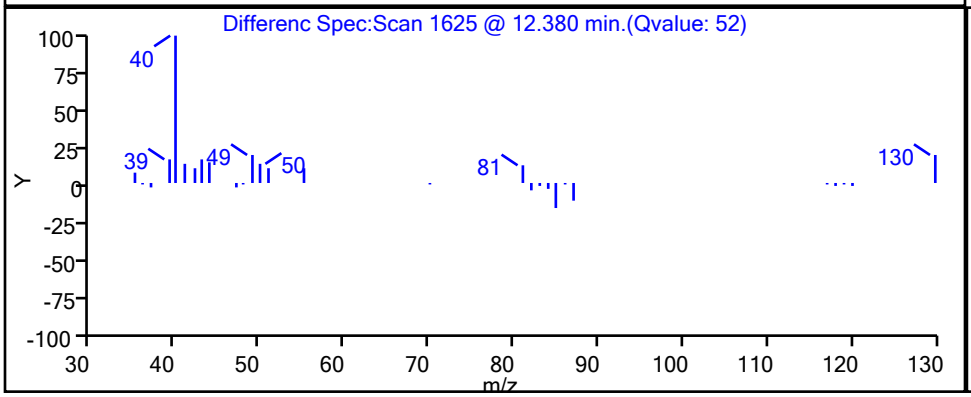


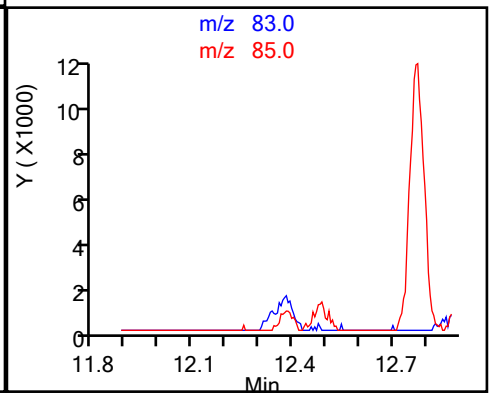










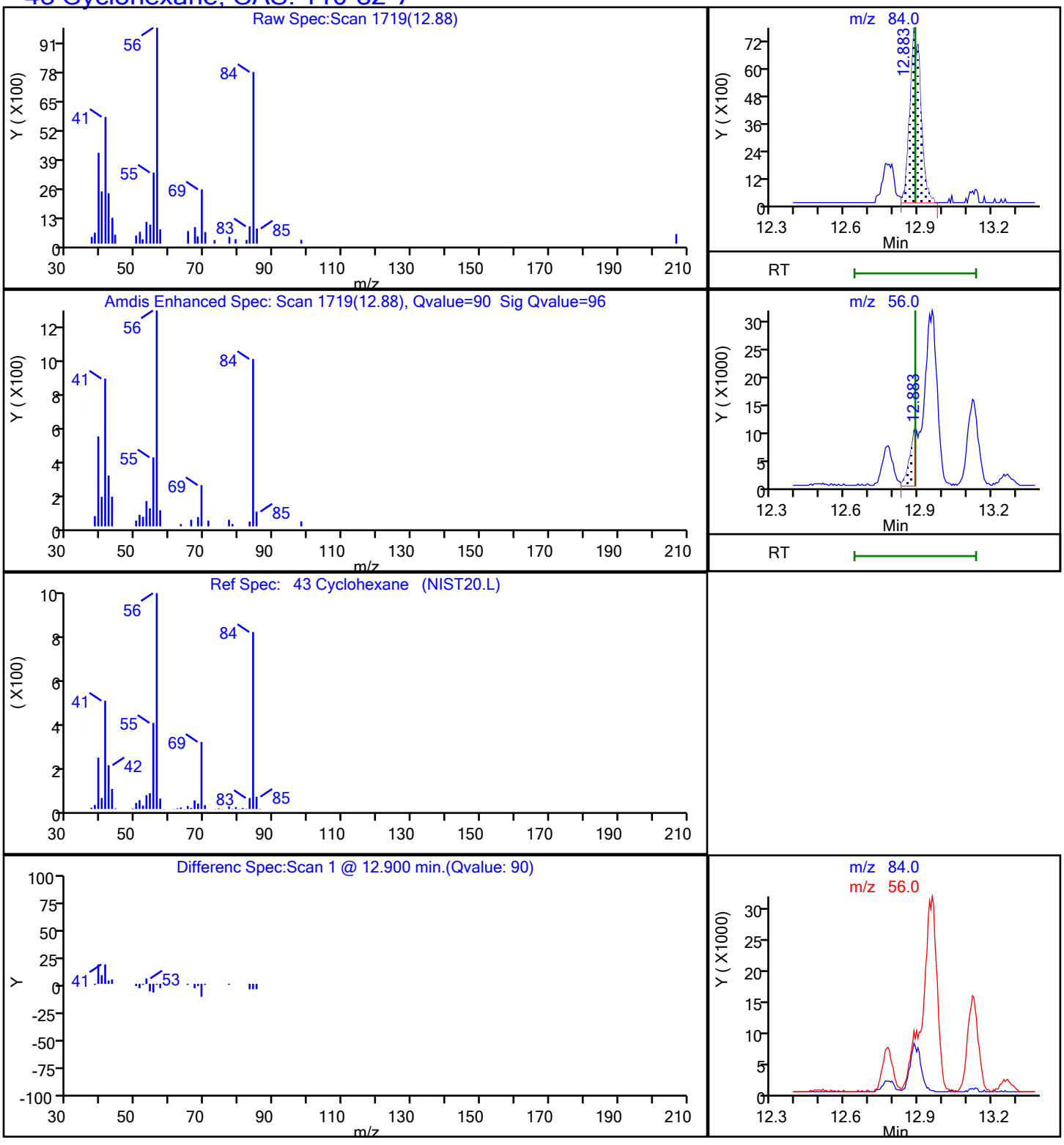


Report Date: 19-Aug-2025 09:32:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7



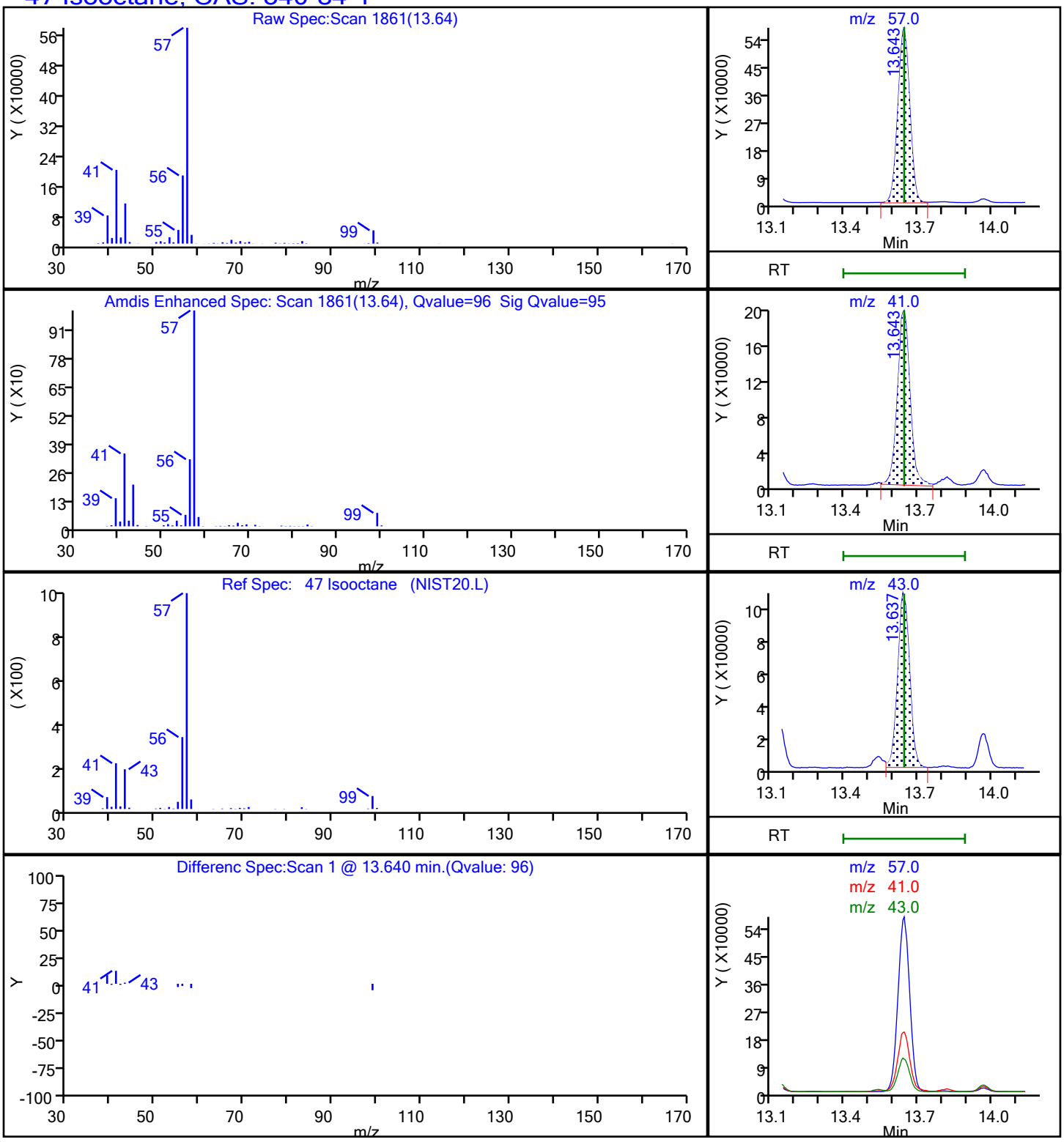
Report Date: 19-Aug-2025 09:32:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d

Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Isooctane, CAS: 540-84-1



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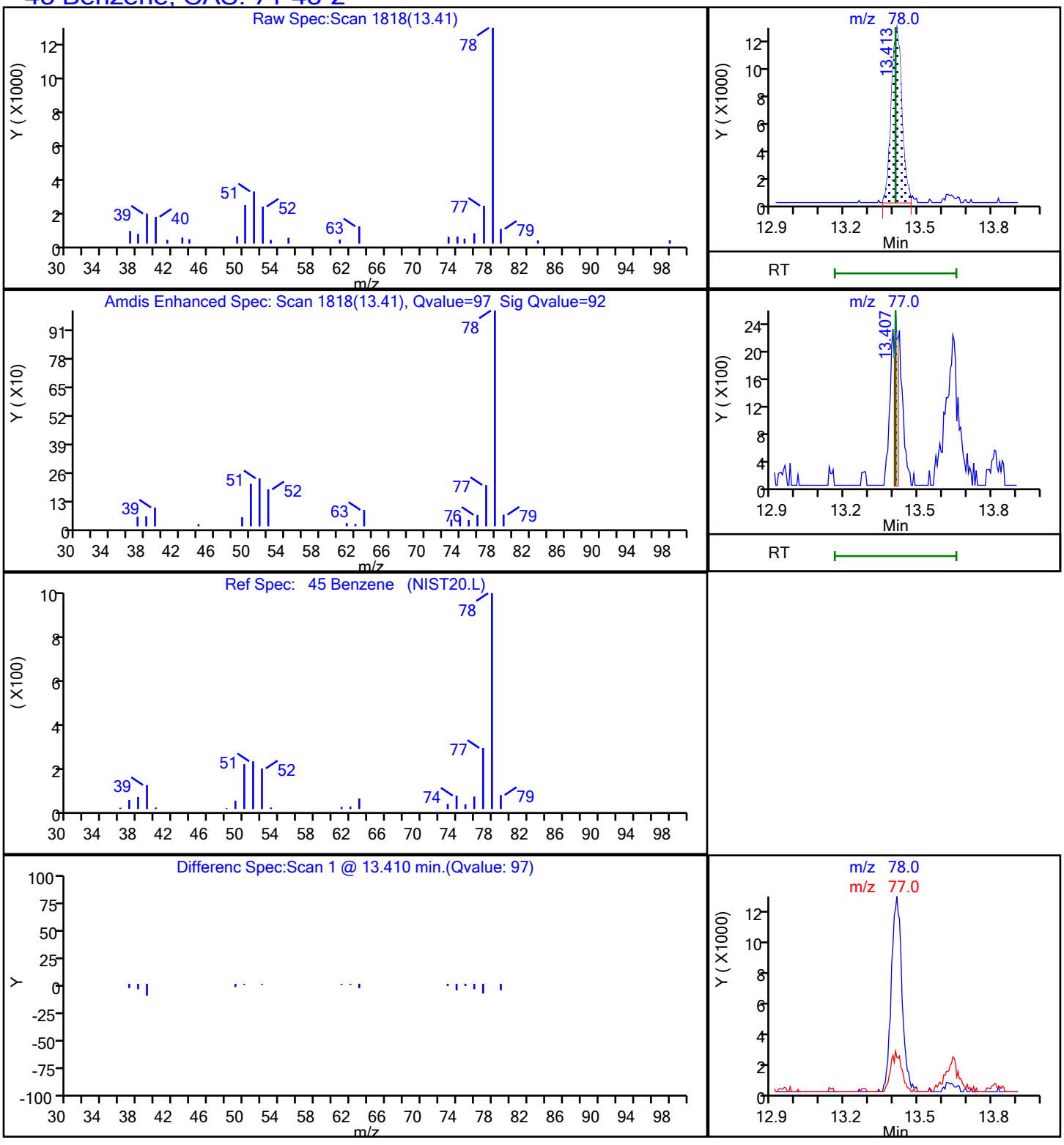
Report Date: 19-Aug-2025 09:32:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Benzene, CAS: 71-43-2



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Report Date: 19-Aug-2025 09:32:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d

Injection Date: 18-Aug-2025 12:20:30 Instrument ID: CHW.i

Lims ID: 200-78914-A-3 DL Lab Sample ID: 200-78914-3

Client ID: SSDS_INF_20250813

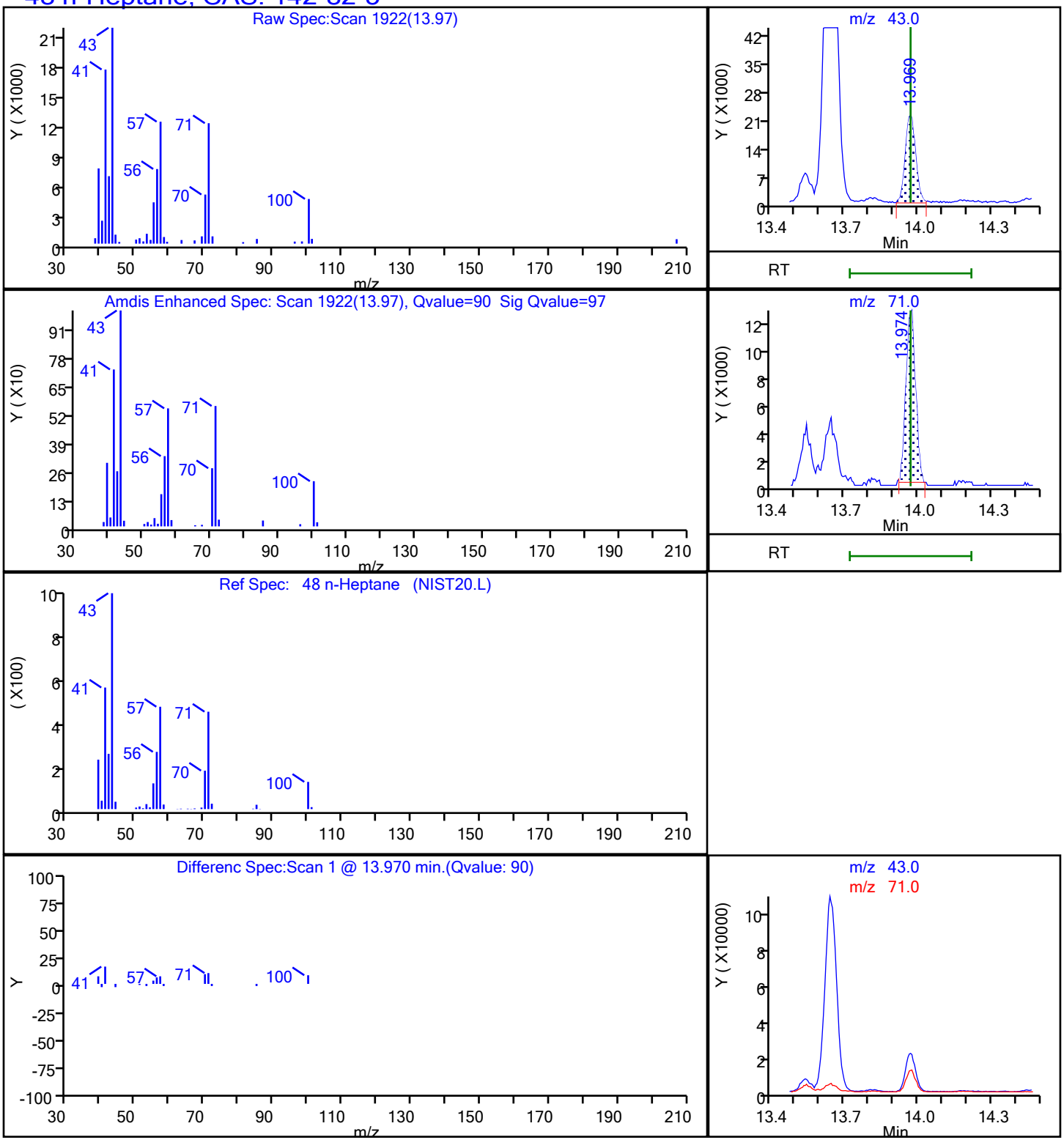
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 200.000 mL Dil. Factor: 10.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

48 n-Heptane, CAS: 142-82-5

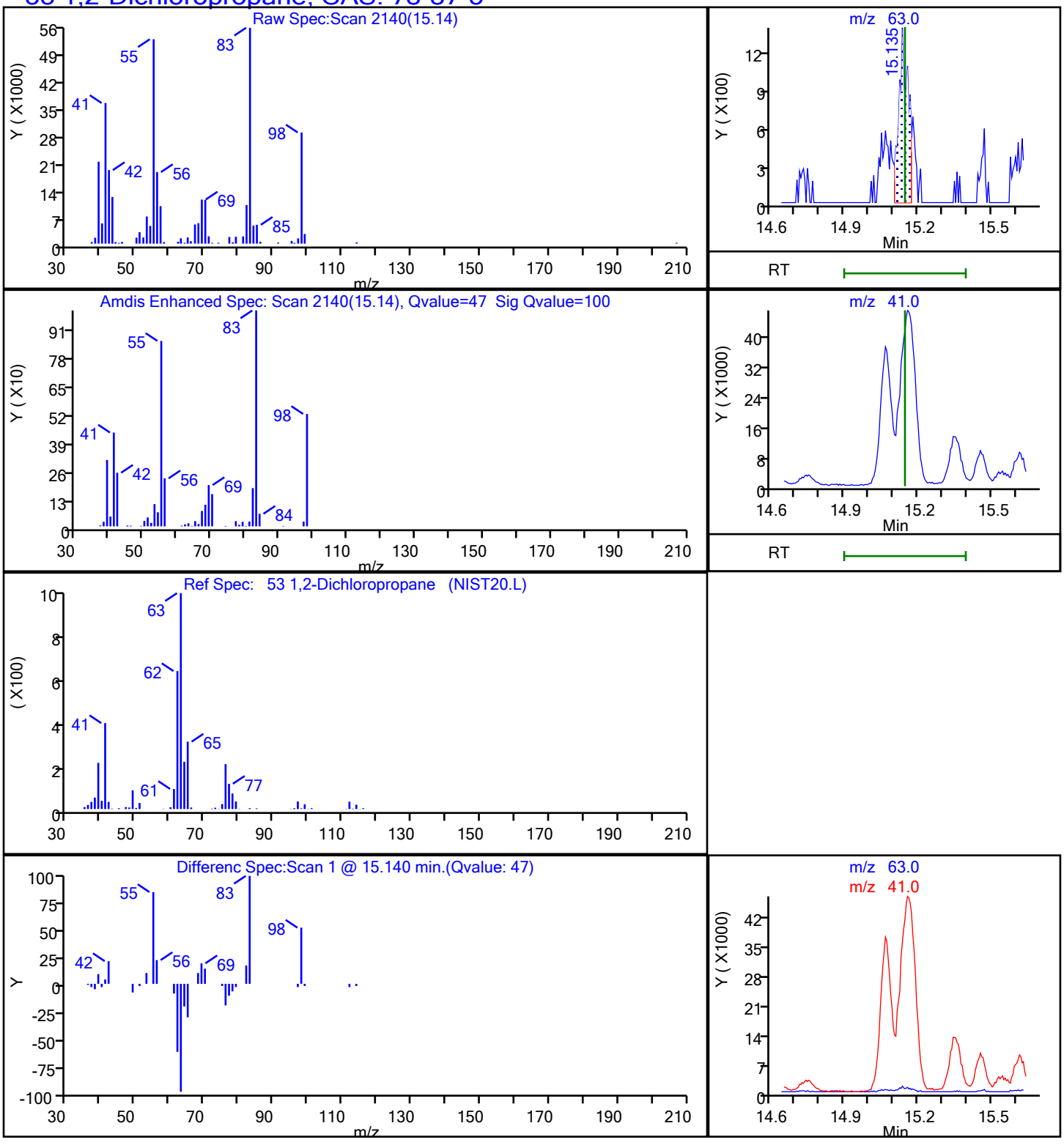


Report Date: 19-Aug-2025 09:32:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 1,2-Dichloropropane, CAS: 78-87-5



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Eurofins Burlington

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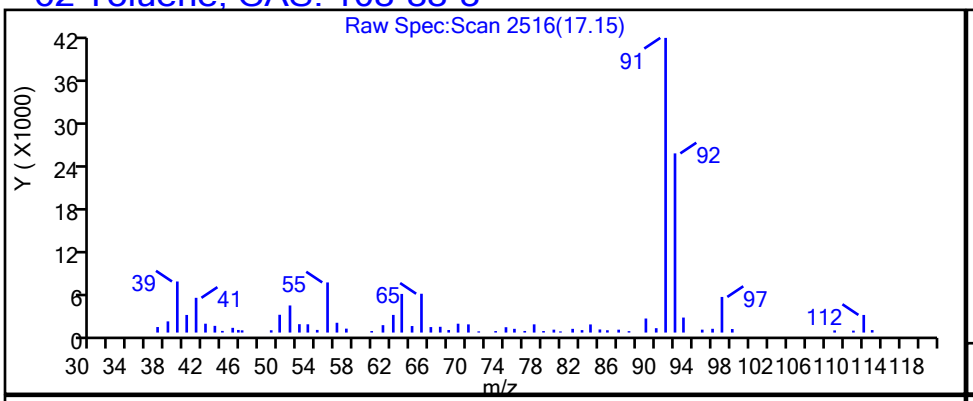
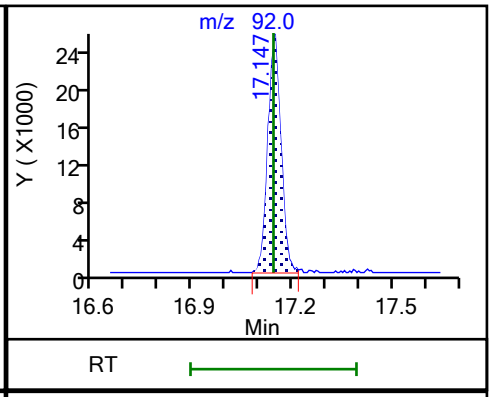
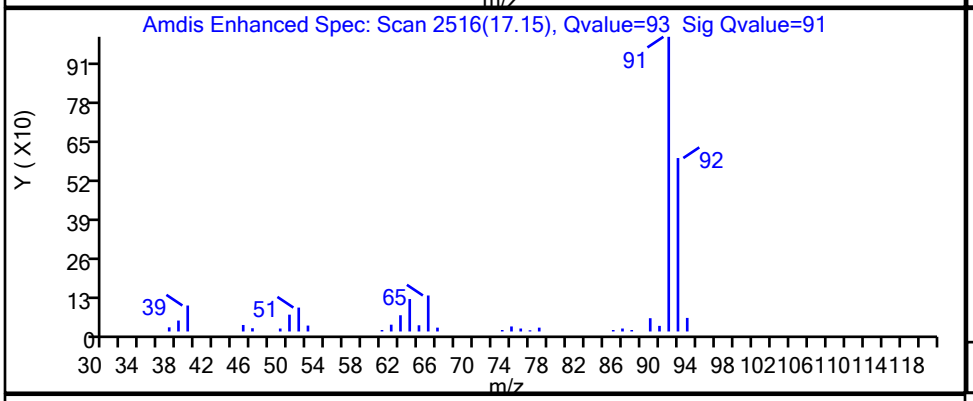
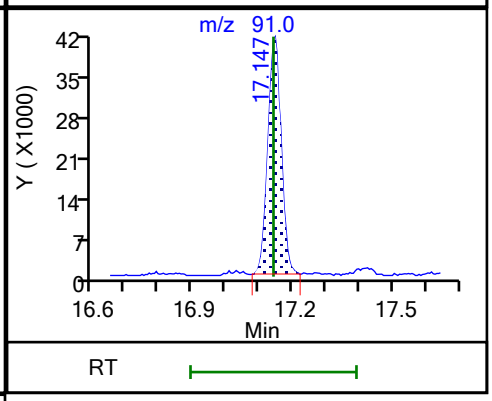
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

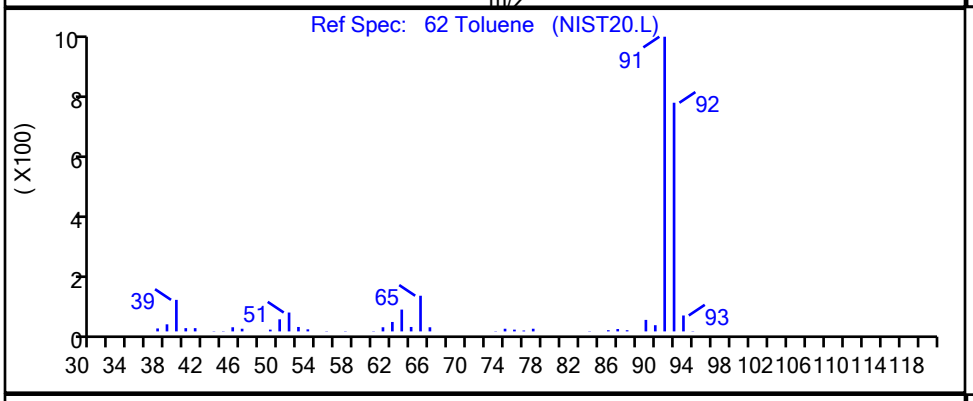
62 Toluene, CAS: 108-88-3

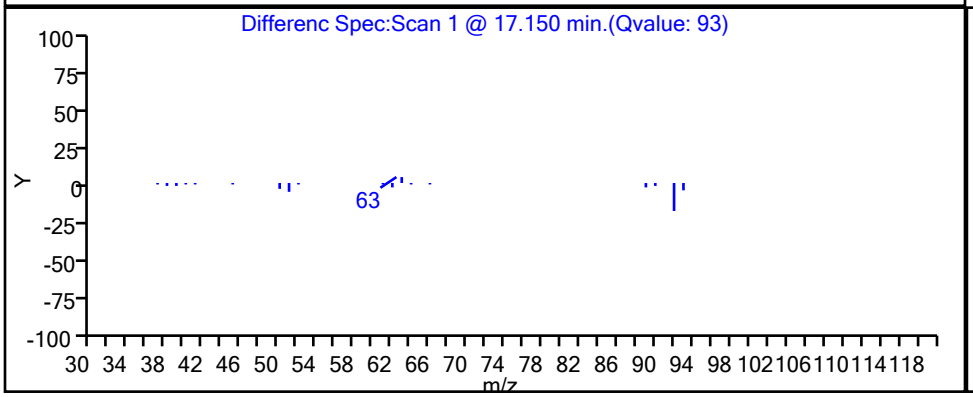


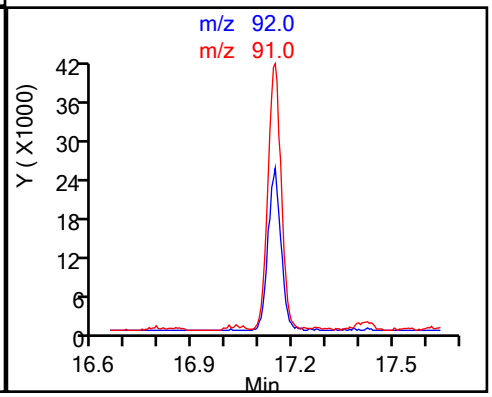












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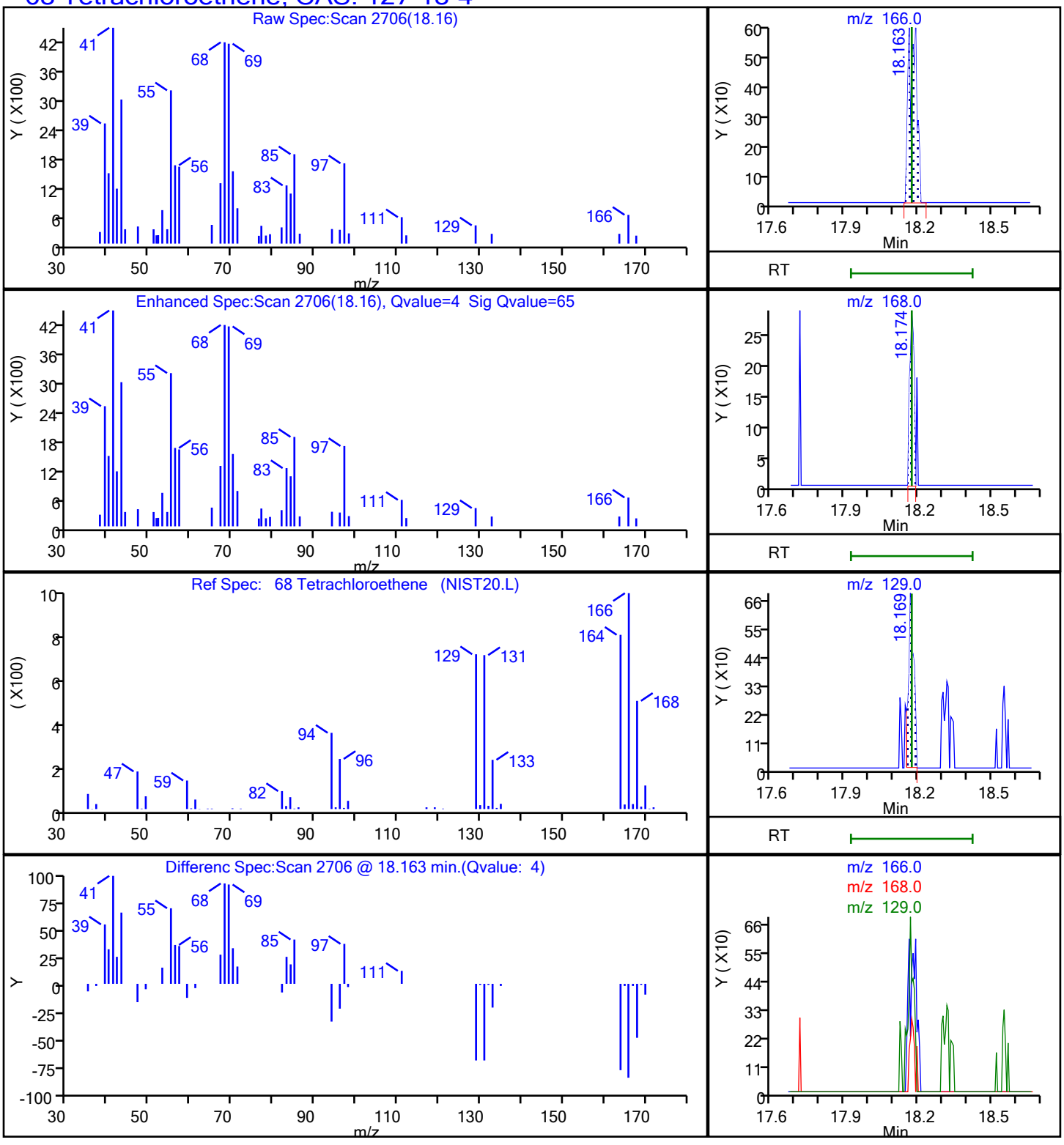
Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d

Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Tetrachloroethene, CAS: 127-18-4



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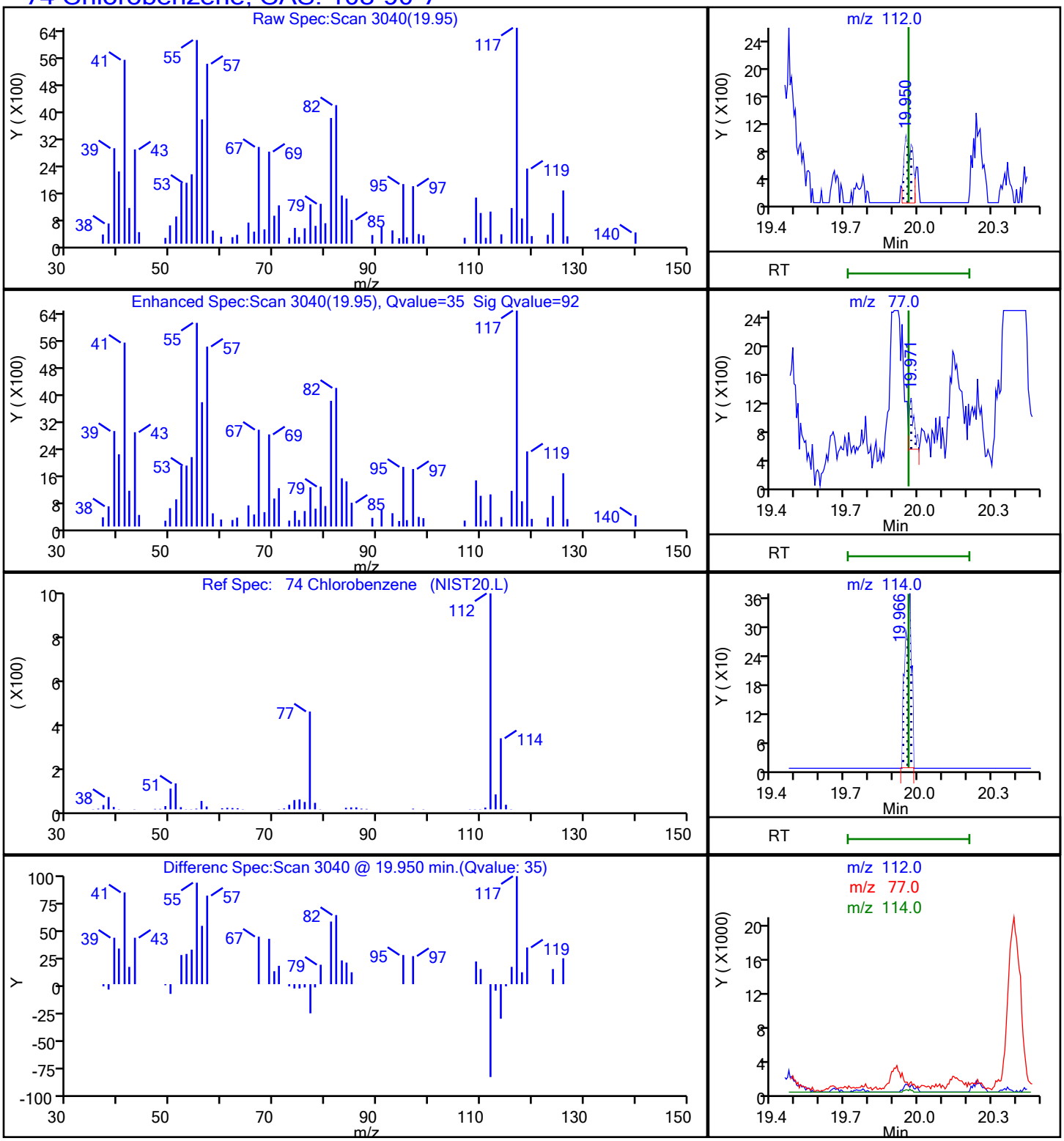
Report Date: 19-Aug-2025 09:32:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Chlorobenzene, CAS: 108-90-7



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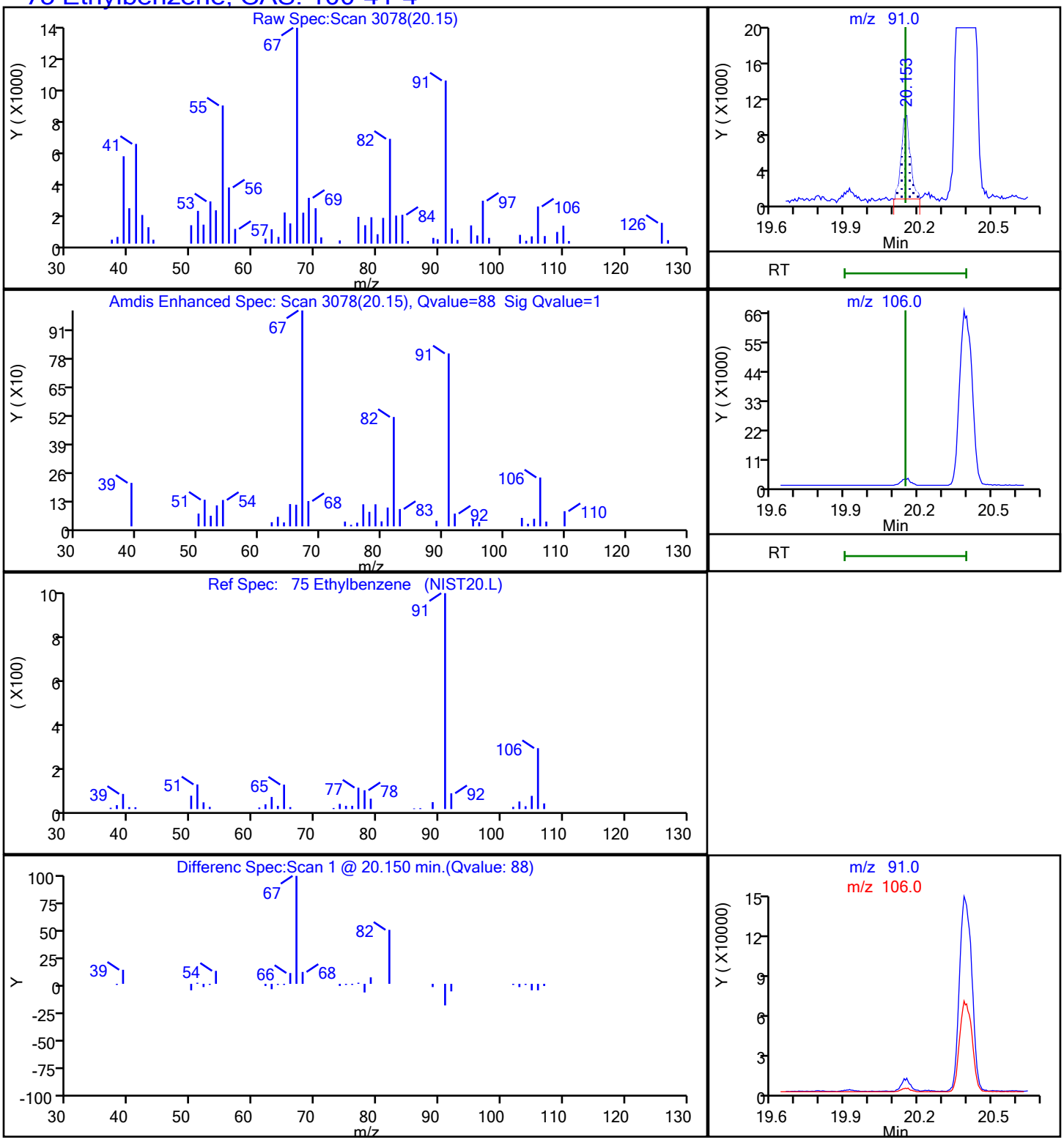
Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d

Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4



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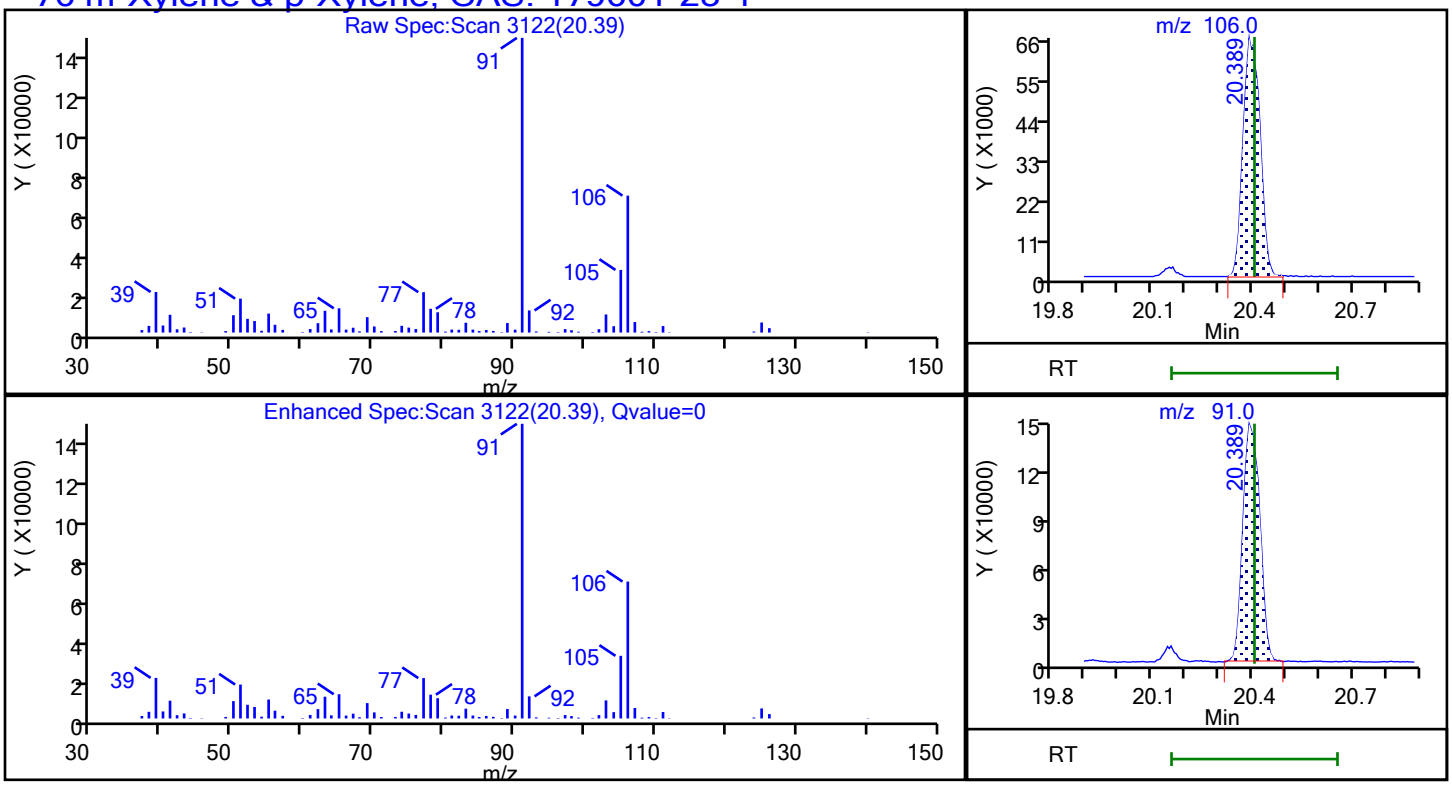
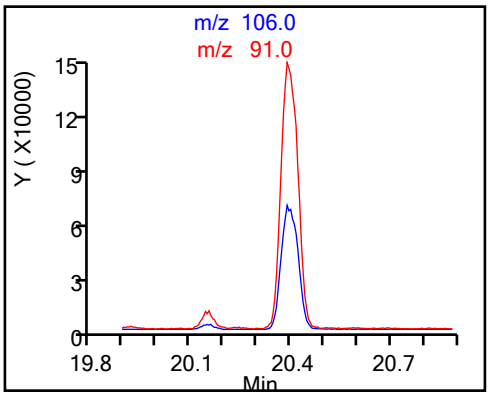
Report Date: 19-Aug-2025 09:32:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 m-Xylene & p-Xylene, CAS: 179601-23-1

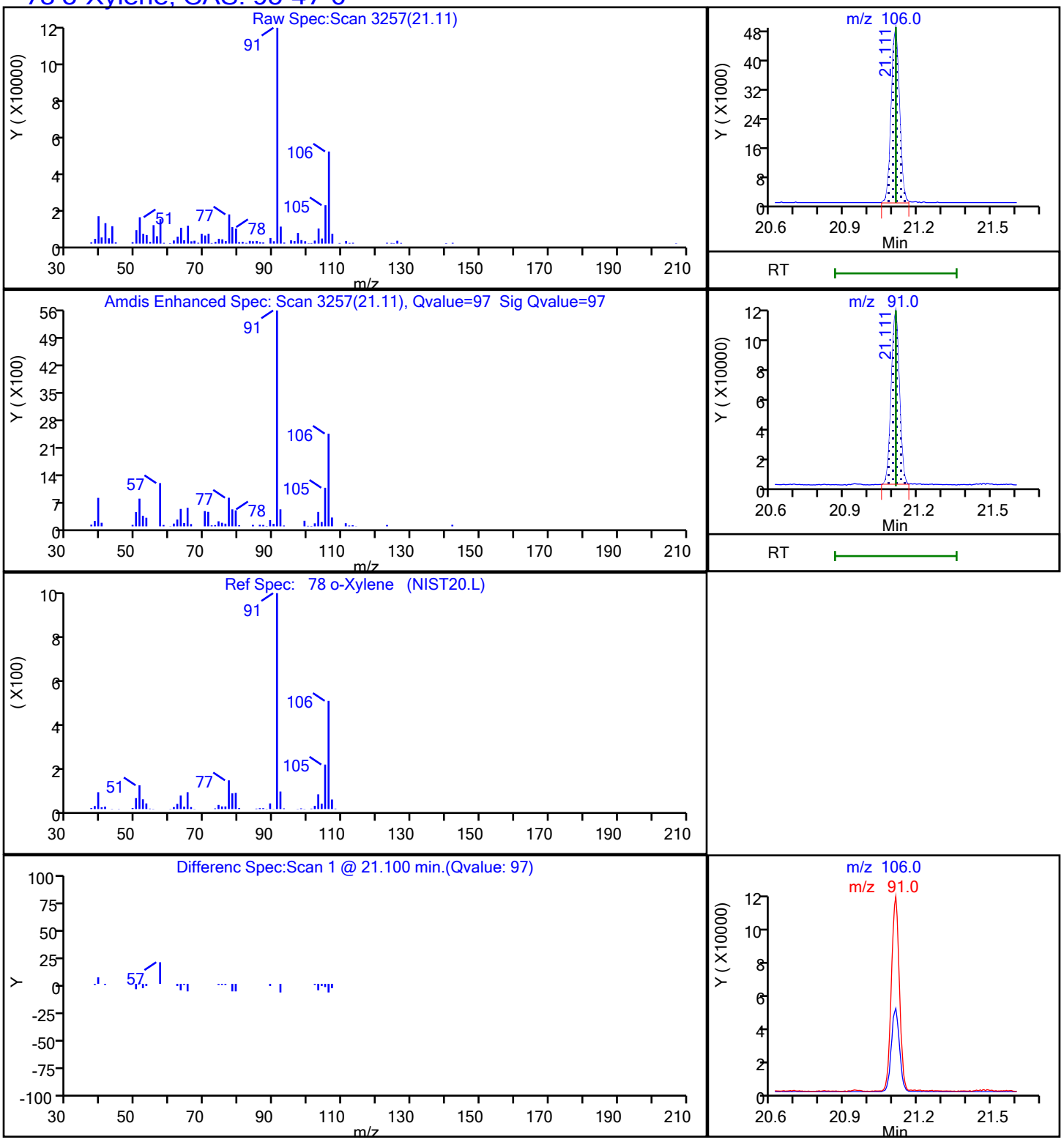




Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 o-Xylene, CAS: 95-47-6



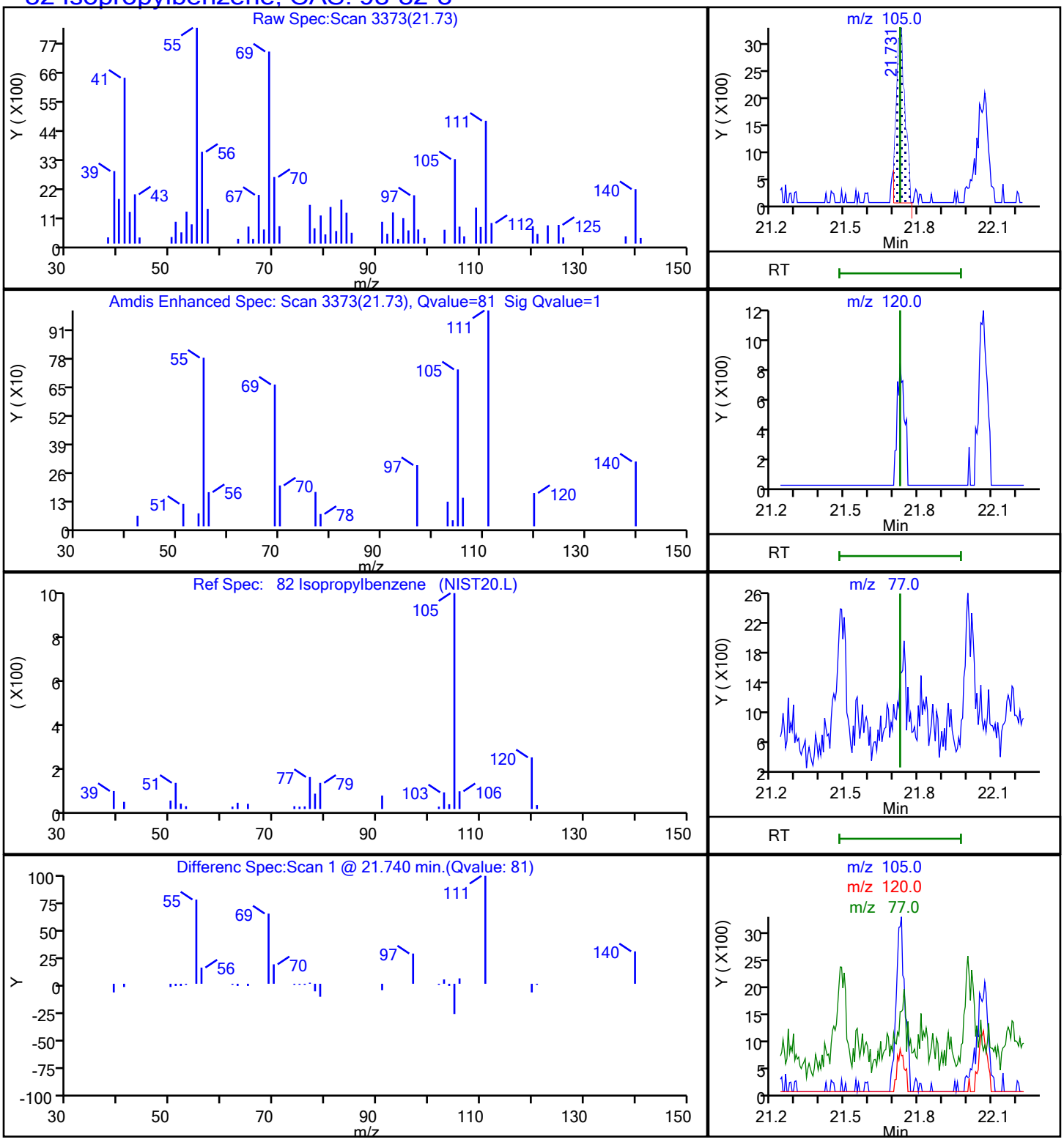
Report Date: 19-Aug-2025 09:32:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d

Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8



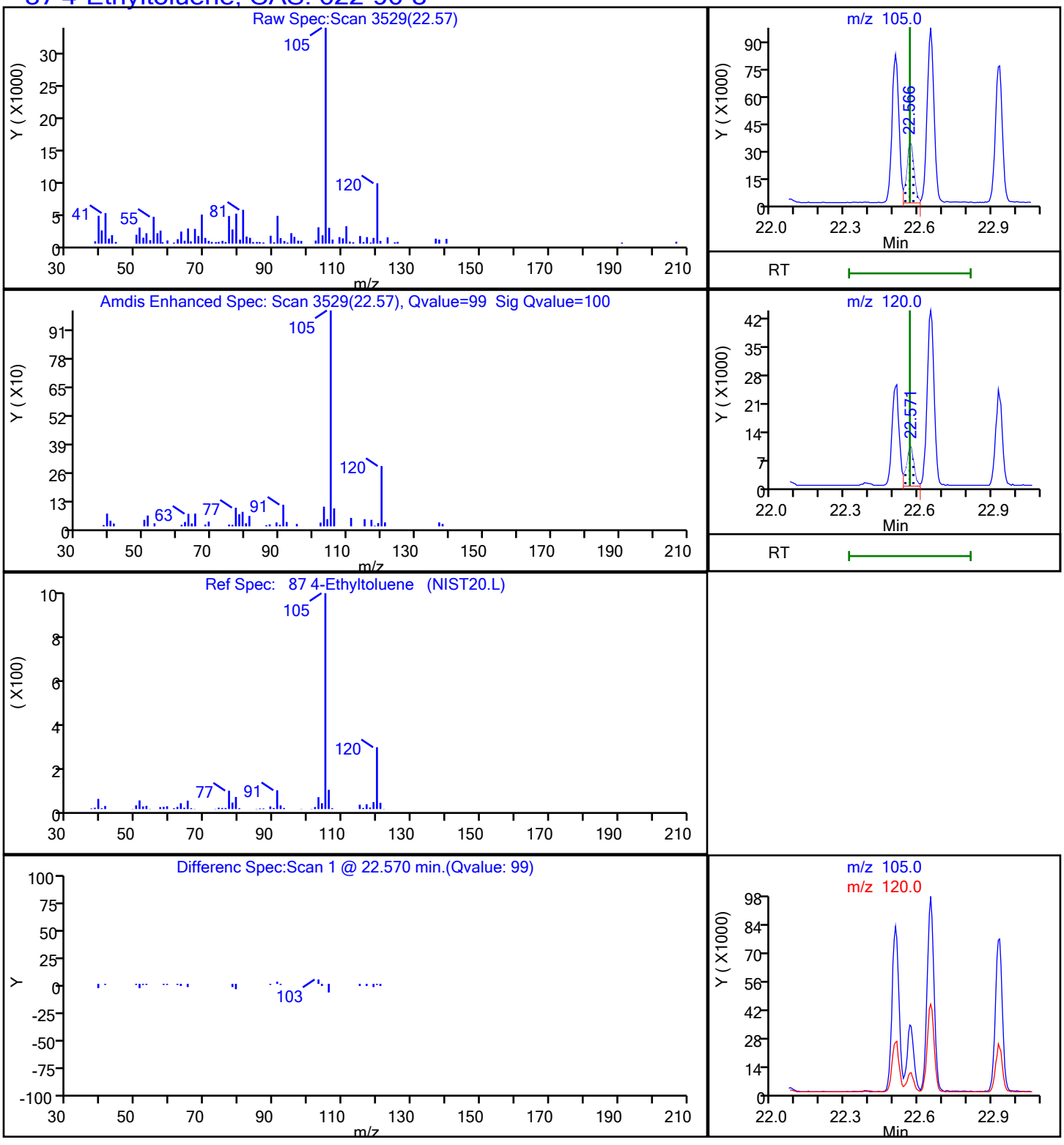
8/20/2025
2:57:54 PM

Report Date: 19-Aug-2025 09:32:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

87 4-Ethyltoluene, CAS: 622-96-8

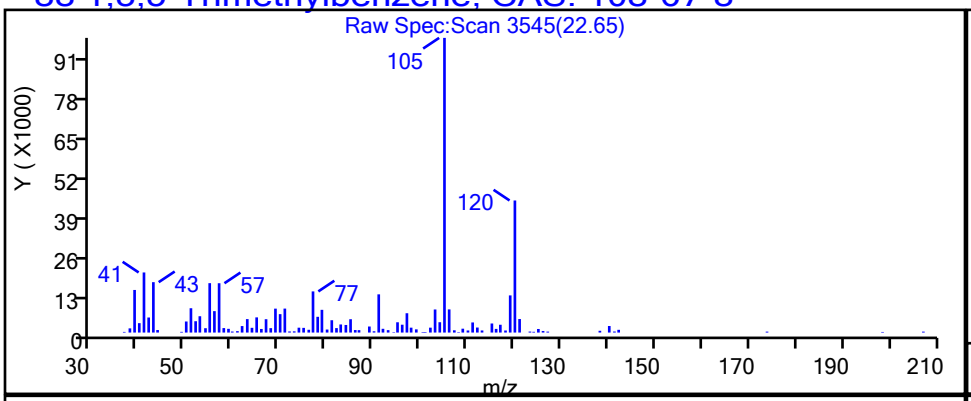


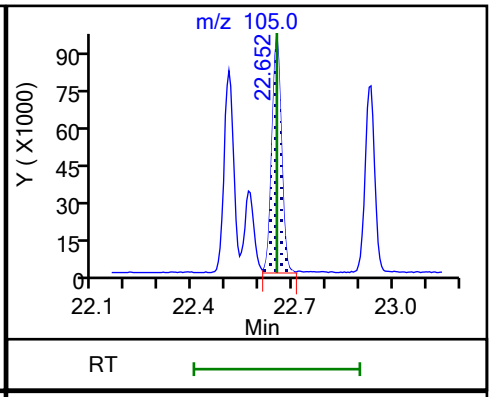
8/20/2025
2:57:54 PM

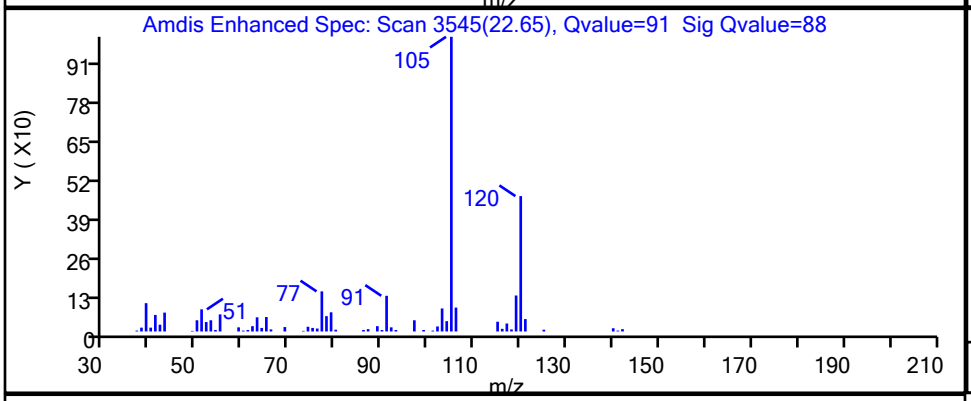
Eurofins Burlington

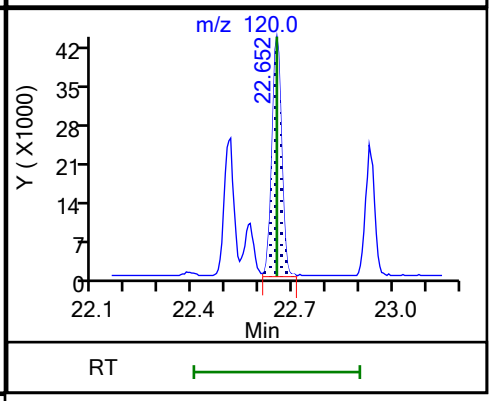
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

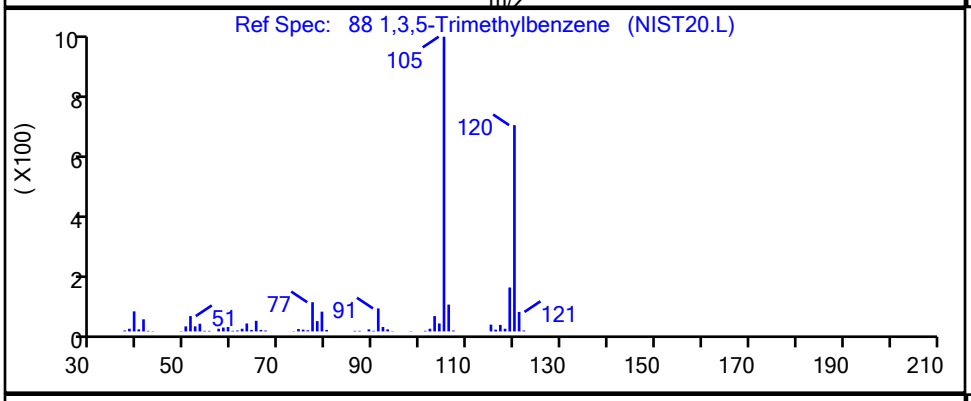
88 1,3,5-Trimethylbenzene, CAS: 108-67-8

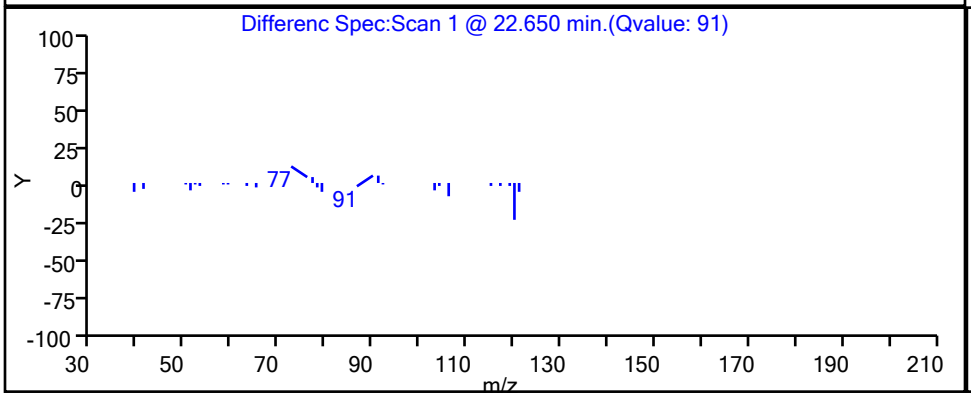


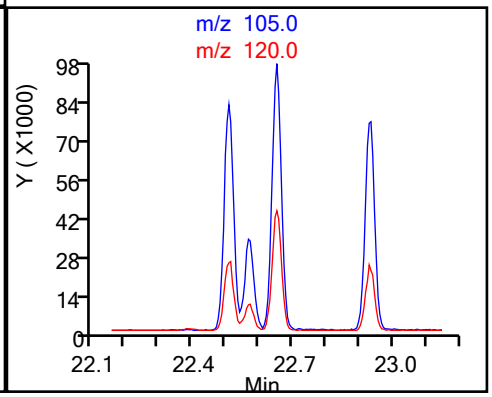










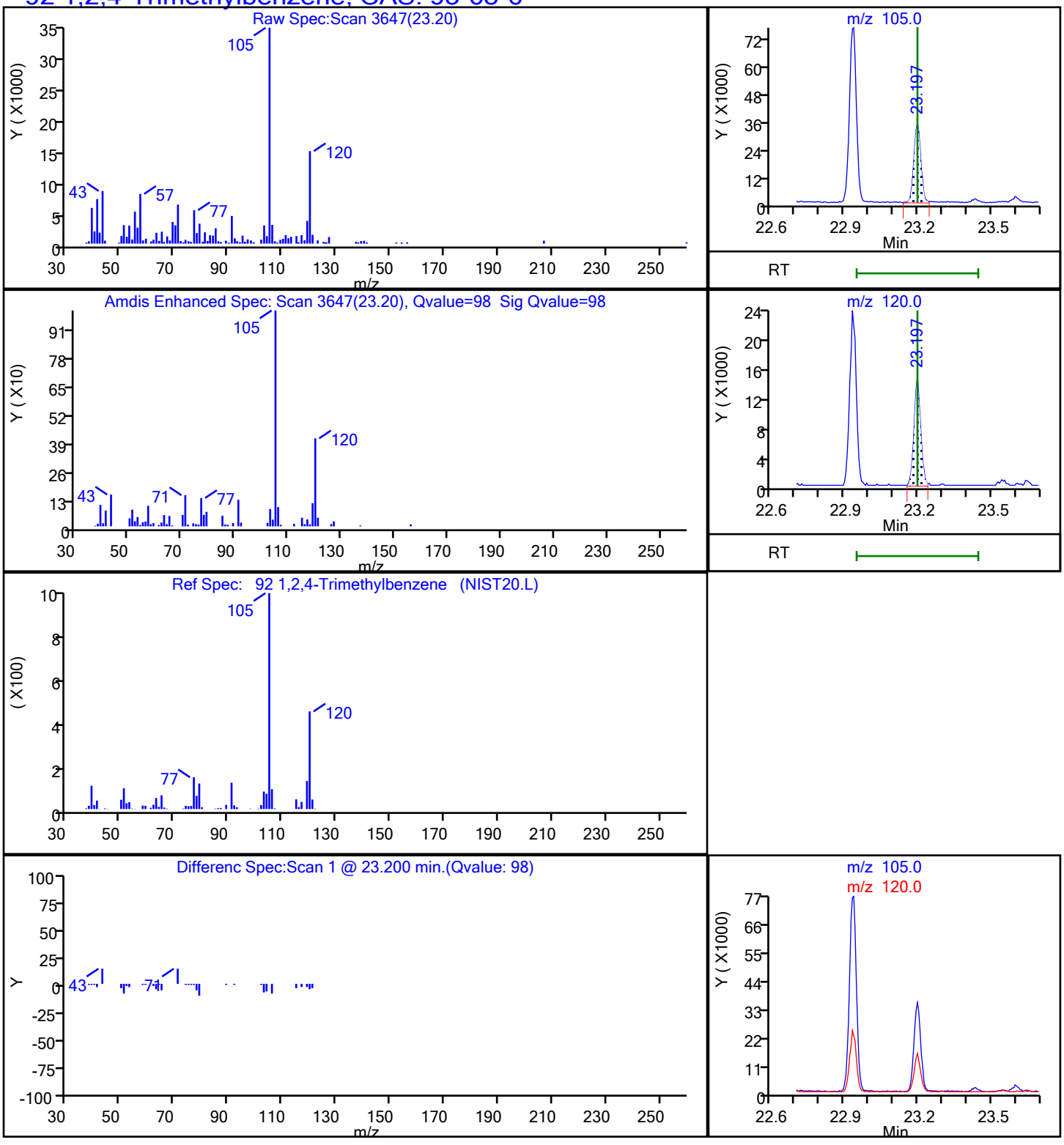


Report Date: 19-Aug-2025 09:32:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

92 1,2,4-Trimethylbenzene, CAS: 95-63-6



8/20/2025
2:57:54 PM

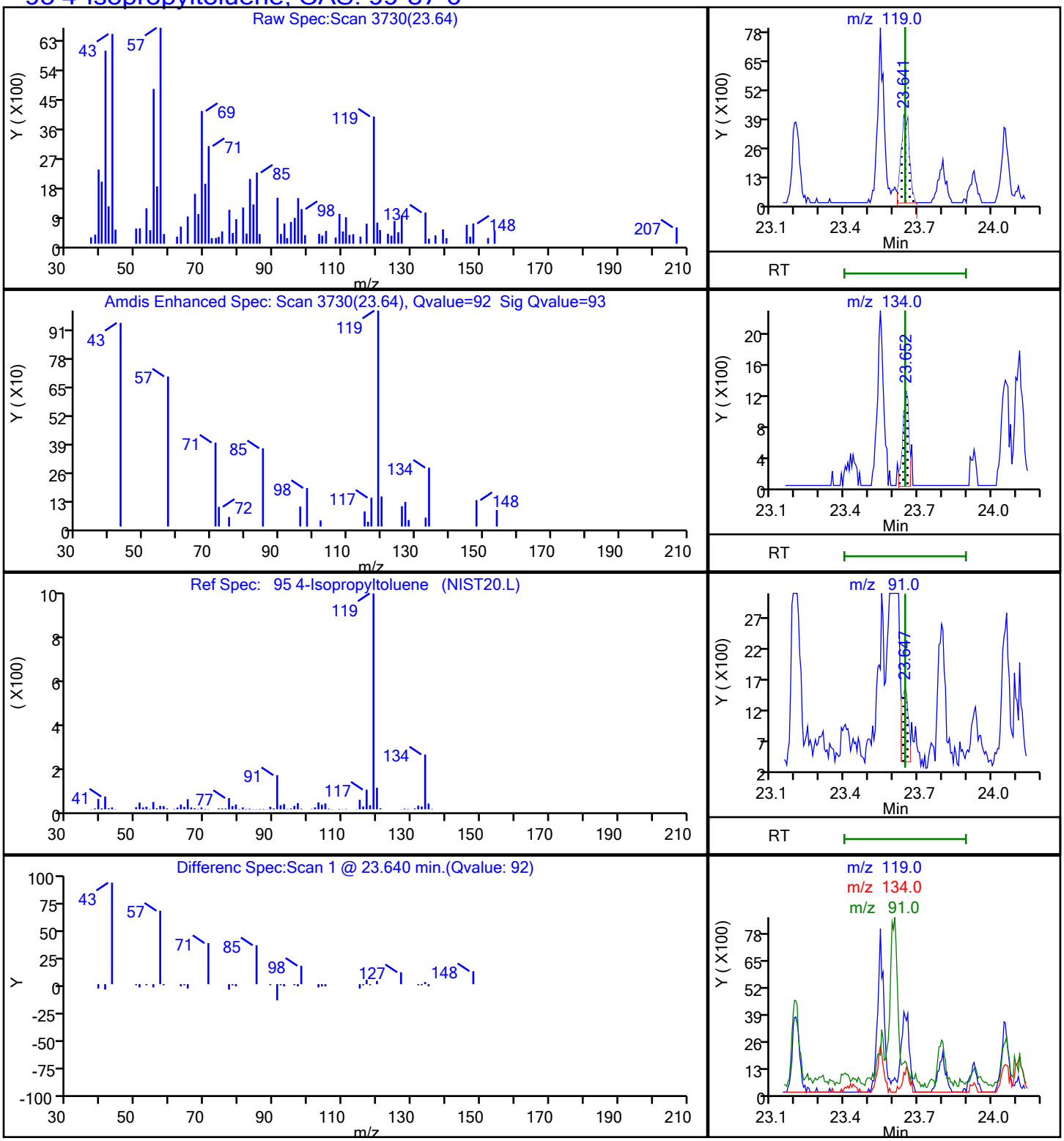
Report Date: 19-Aug-2025 09:32:26 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d

Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 4-Isopropyltoluene, CAS: 99-87-6



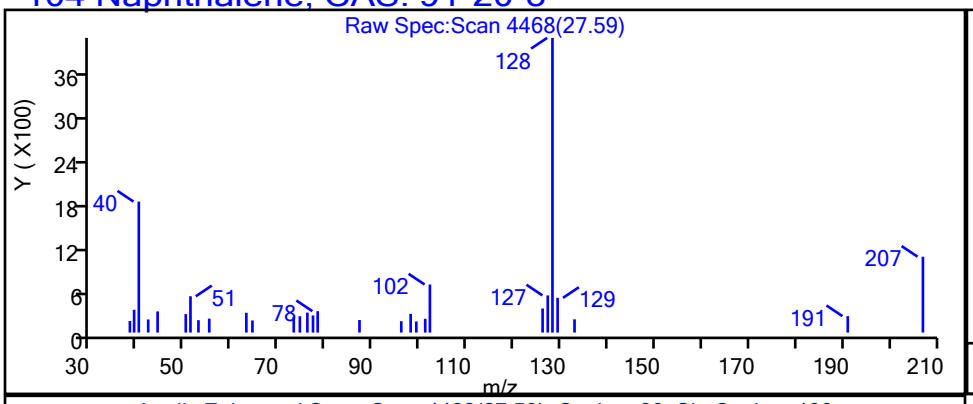
8/20/2025
2:57:54 PM

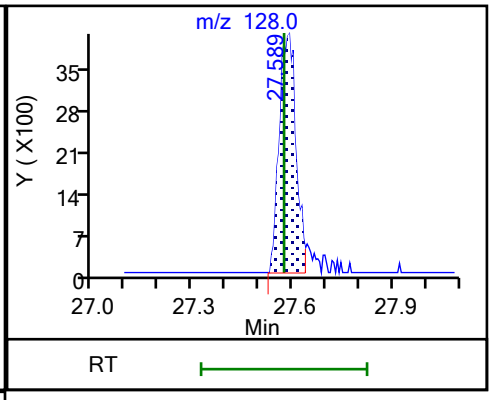
Report Date: 19-Aug-2025 09:32:26 Chrom Revision: 2.3 13-Aug-2025 14:00:00

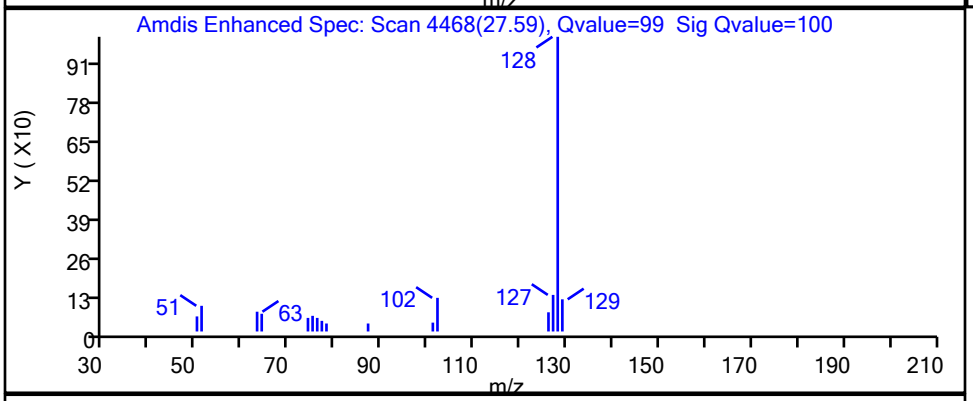
Eurofins Burlington

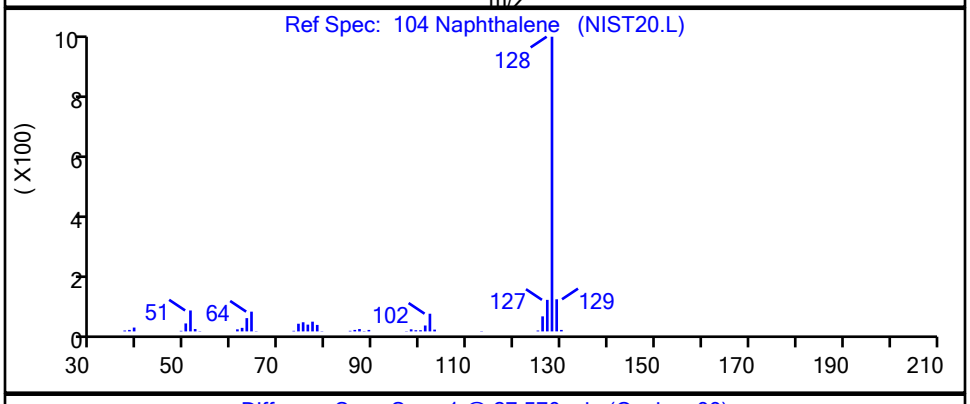
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

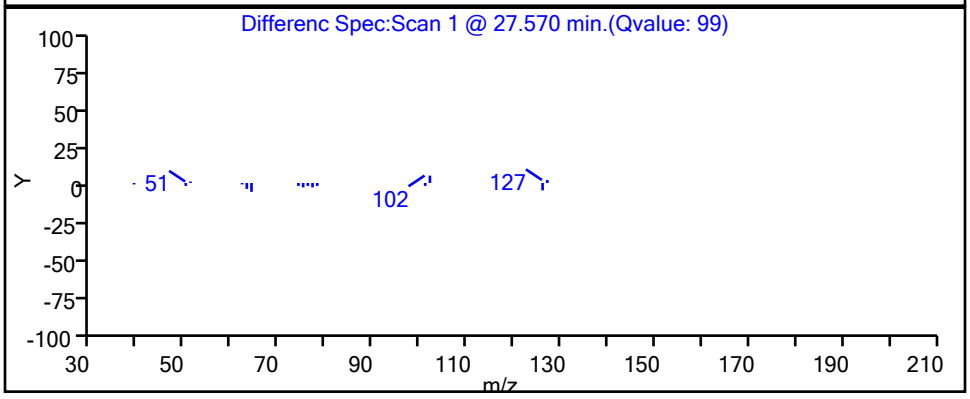
104 Naphthalene, CAS: 91-20-3











Manual Integration/User Assign Peak Report

Eurofins Burlington

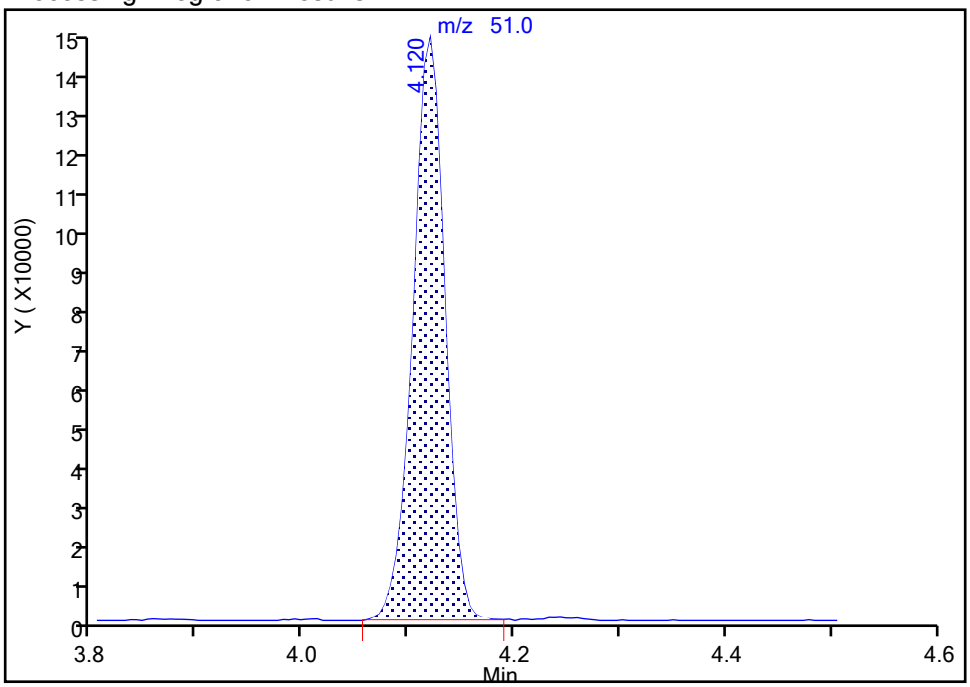
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

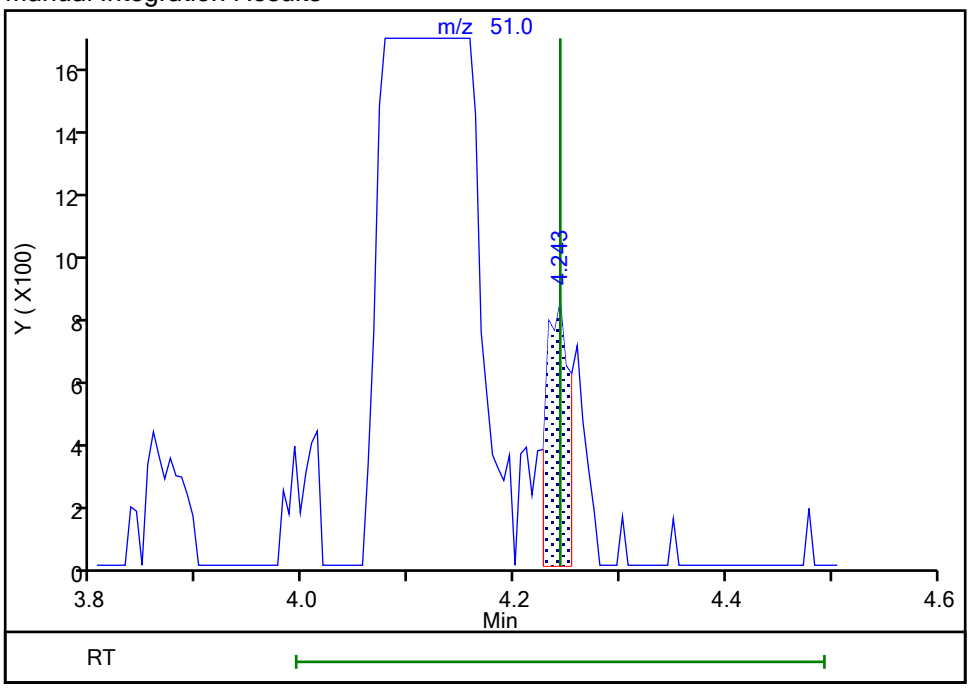
Processing Integration Results

RT: 4.12
Area: 303238
Amount: 12.643424
Amount Units: ppb v/v



Manual Integration Results

RT: 4.24
Area: 1290
Amount: 0.053786
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:24:14 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

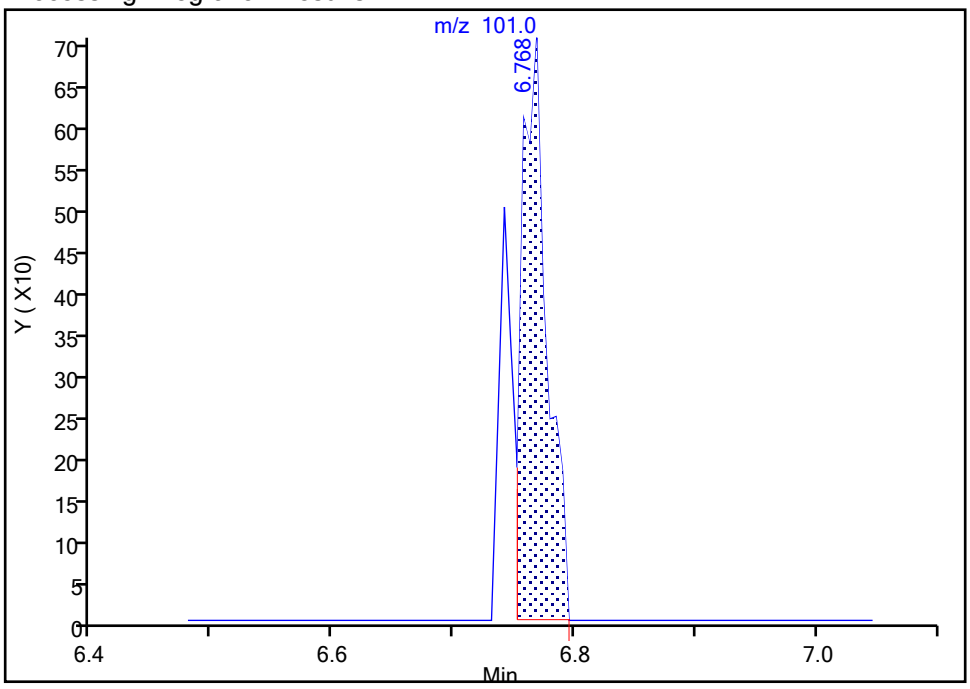
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

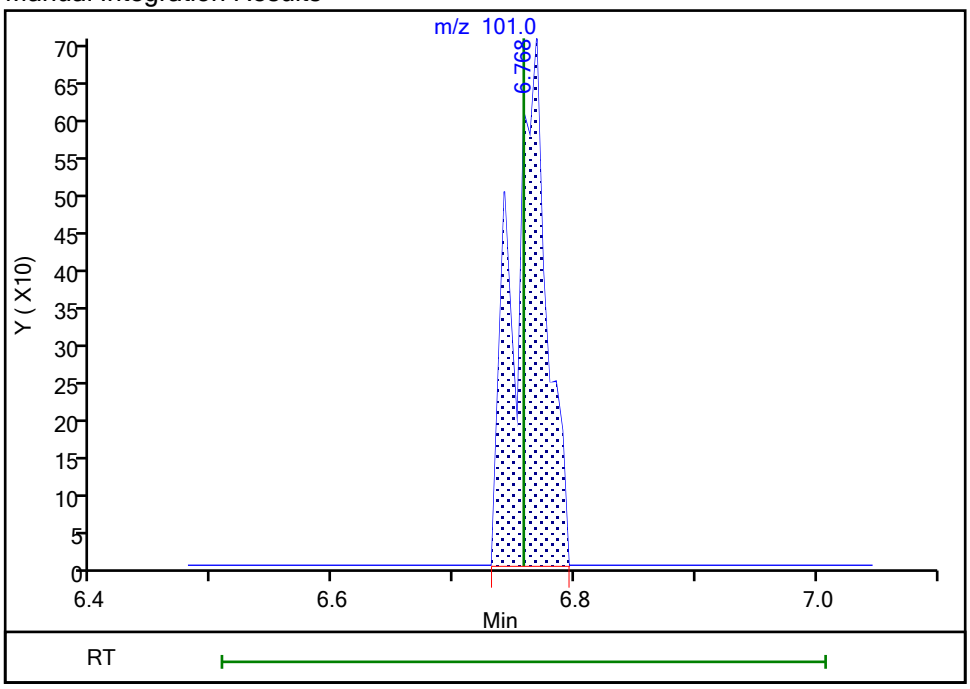
Processing Integration Results

RT: 6.77
Area: 1014
Amount: 0.022179
Amount Units: ppb v/v



Manual Integration Results

RT: 6.77
Area: 1362
Amount: 0.029790
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:24:40 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

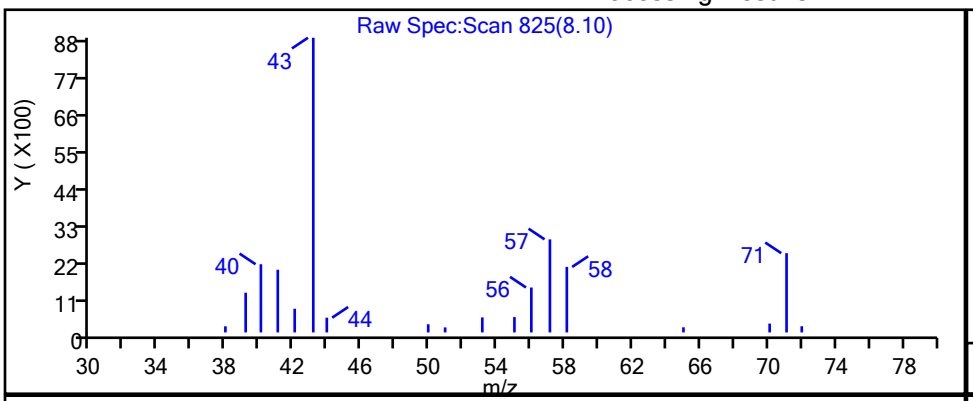
User Disabled Compound Report

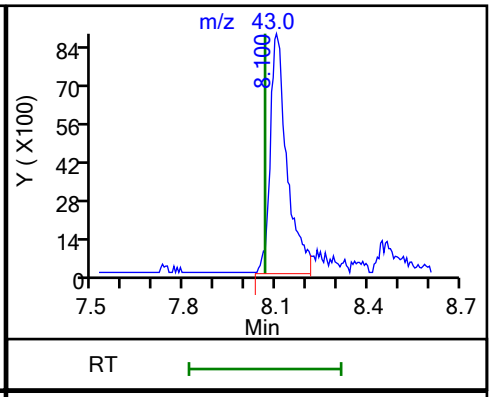
Eurofins Burlington

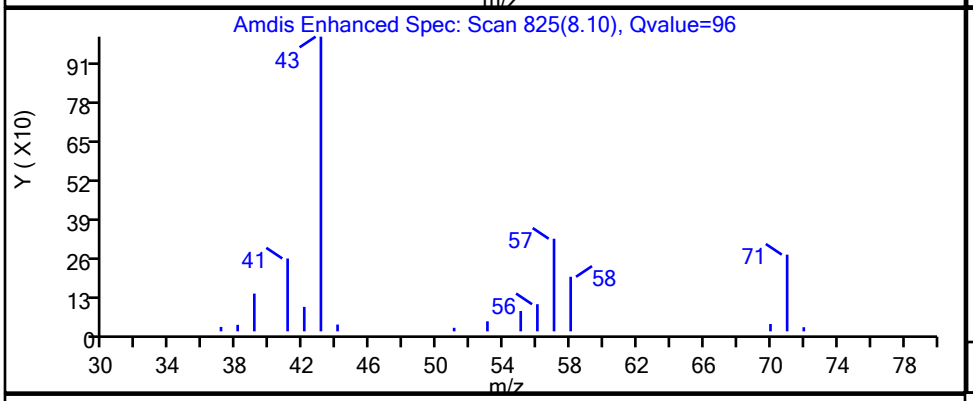
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

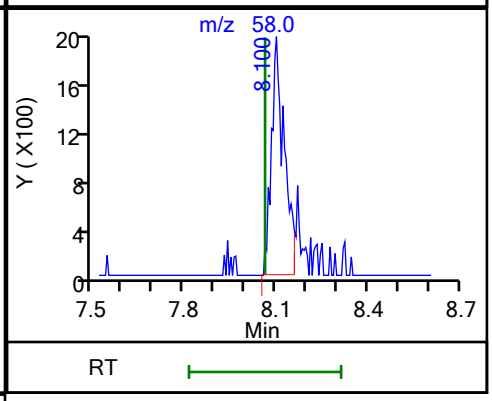
22 Acetone, CAS: 67-64-1

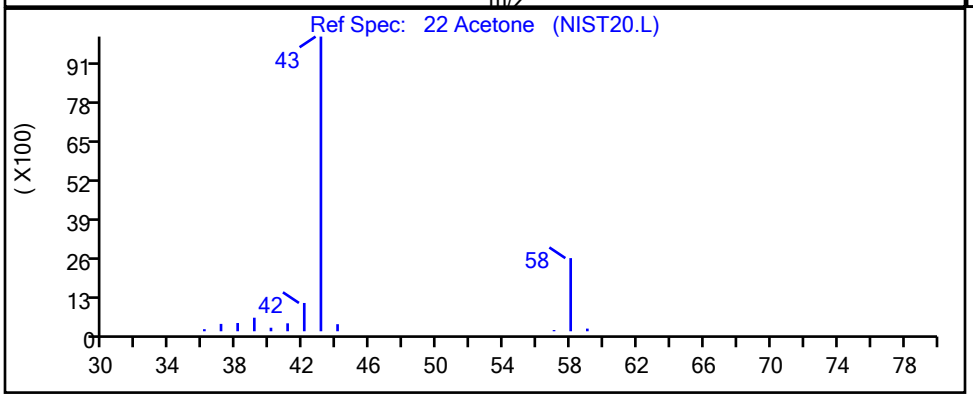
Processing Results











RT	Mass	Response	Amount
8.10	43.00	33470	1.437469
8.10	58.00	5748	

Reviewer: F7XK, 19-Aug-2025 09:24:52 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

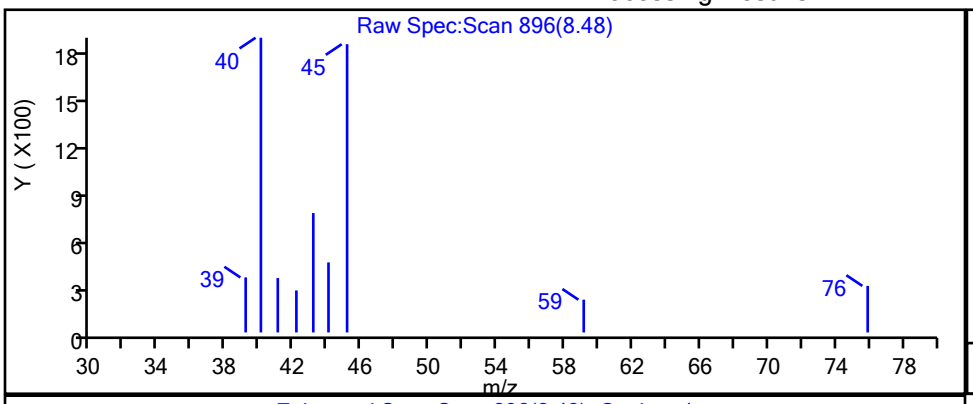
User Disabled Compound Report

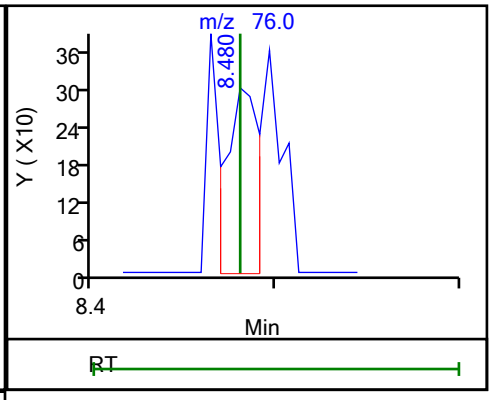
Eurofins Burlington

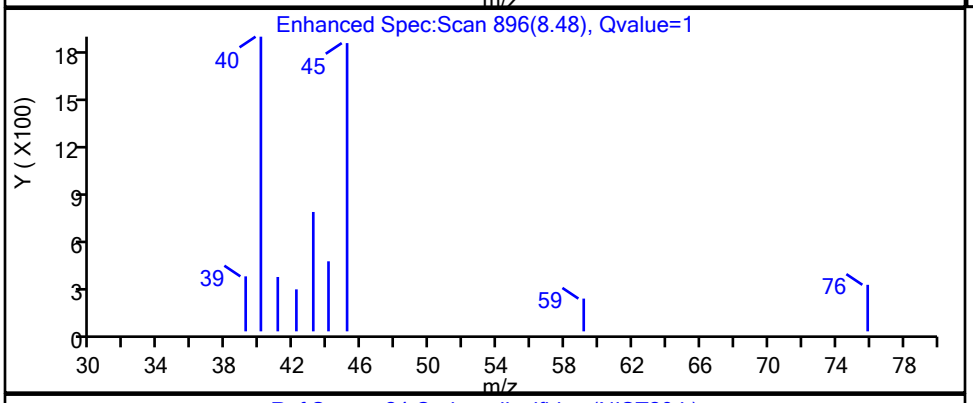
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

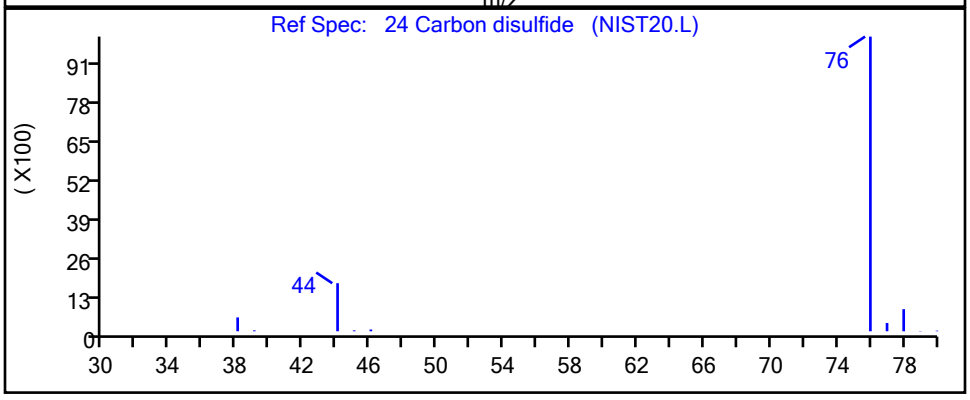
24 Carbon disulfide, CAS: 75-15-0

Processing Results









RT	Mass	Response	Amount
8.48	76.00	374	0.010608

Reviewer: F7XK, 19-Aug-2025 09:25:12 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

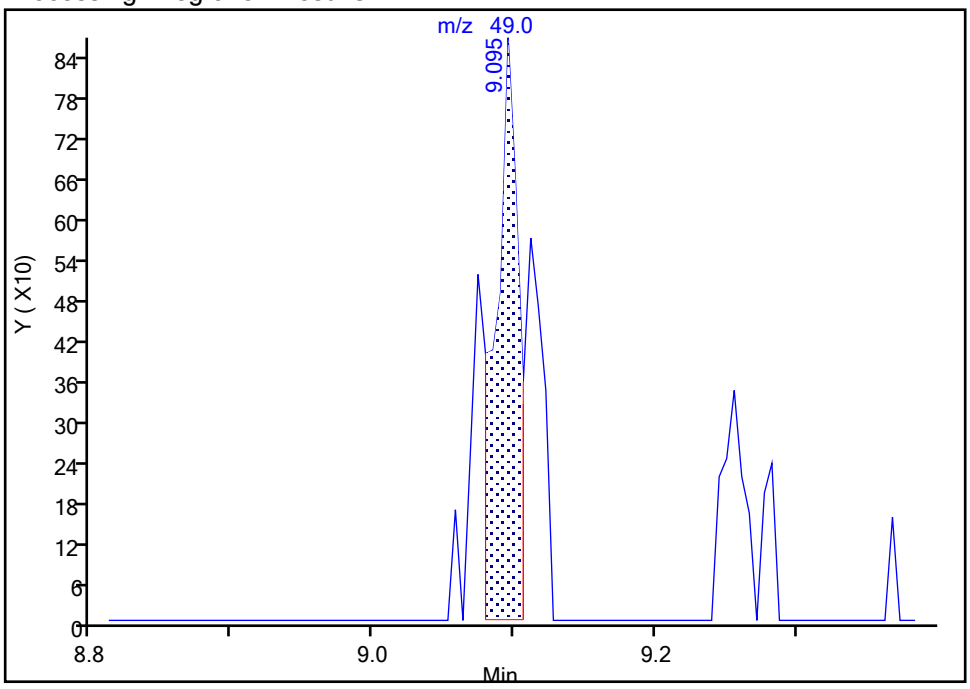
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

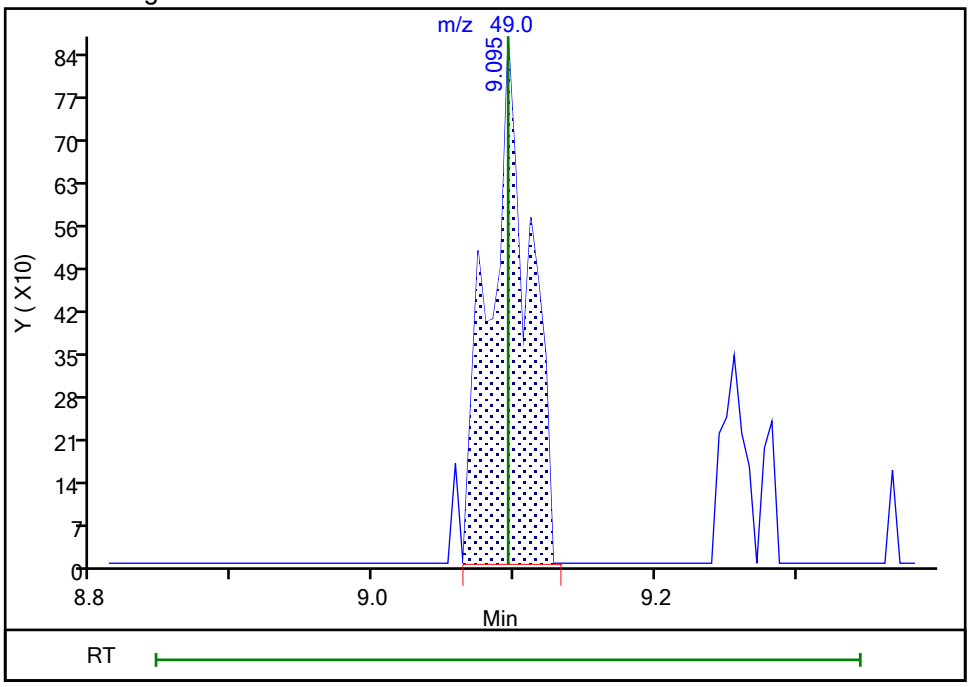
Processing Integration Results

RT: 9.10
Area: 1009
Amount: 0.059792
Amount Units: ppb v/v



Manual Integration Results

RT: 9.10
Area: 1696
Amount: 0.100503
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:25:22 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

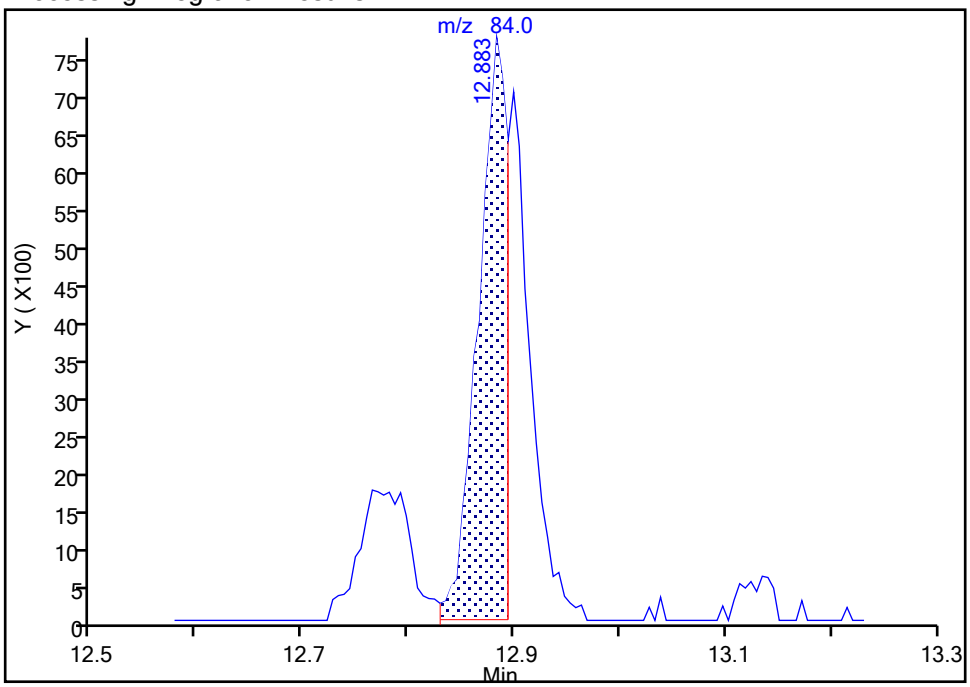
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7

Signal: 1

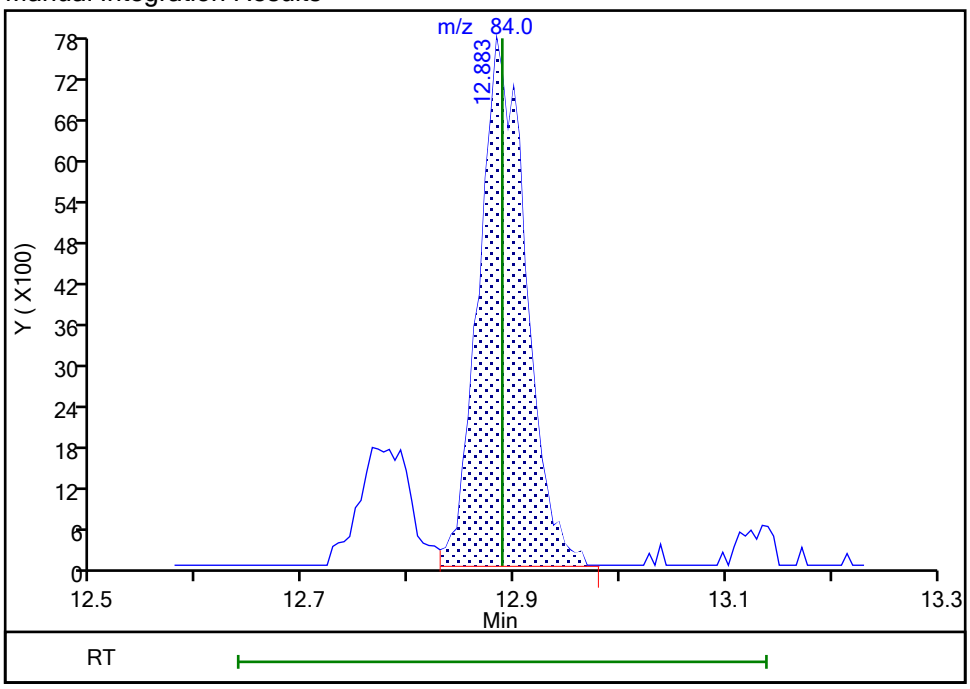
Processing Integration Results

RT: 12.88
Area: 14852
Amount: 0.785441
Amount Units: ppb v/v



Manual Integration Results

RT: 12.88
Area: 23921
Amount: 1.265050
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:26:14 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

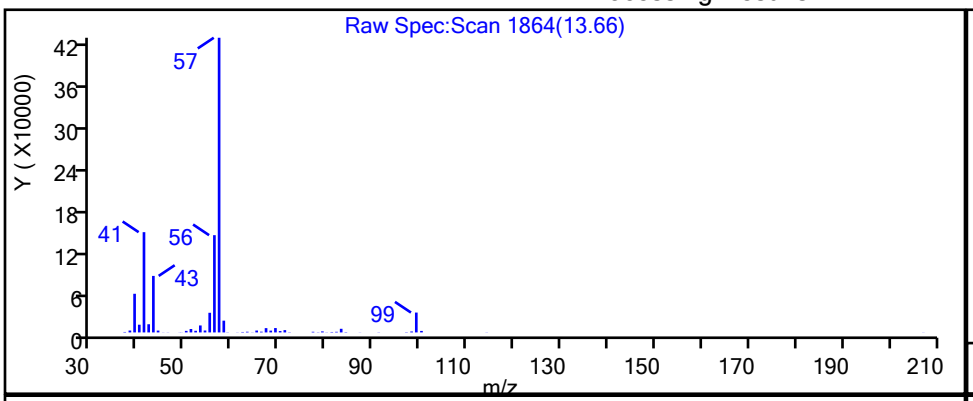
User Disabled Compound Report

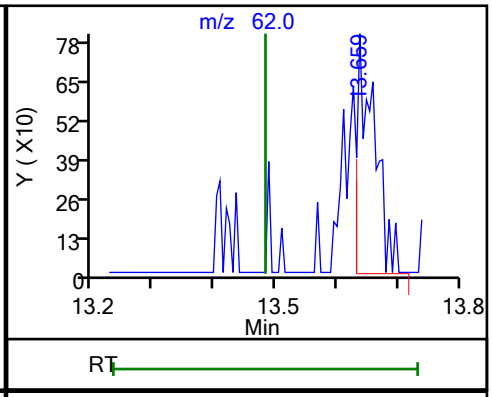
Eurofins Burlington

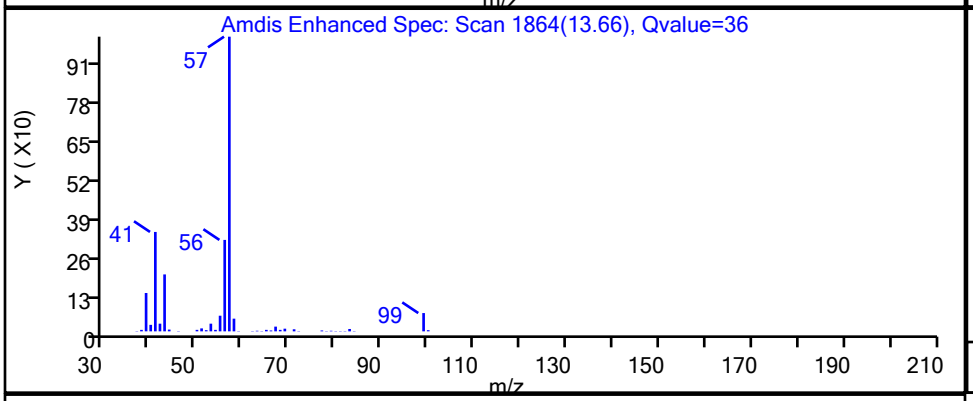
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

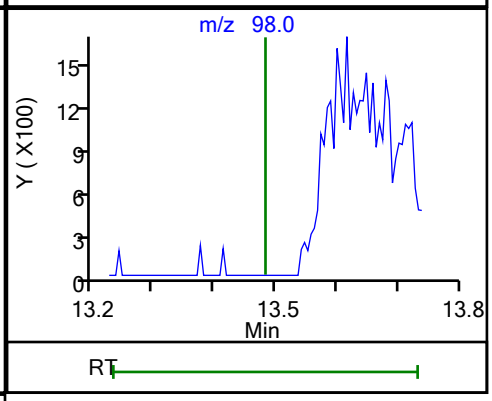
46 1,2-Dichloroethane, CAS: 107-06-2

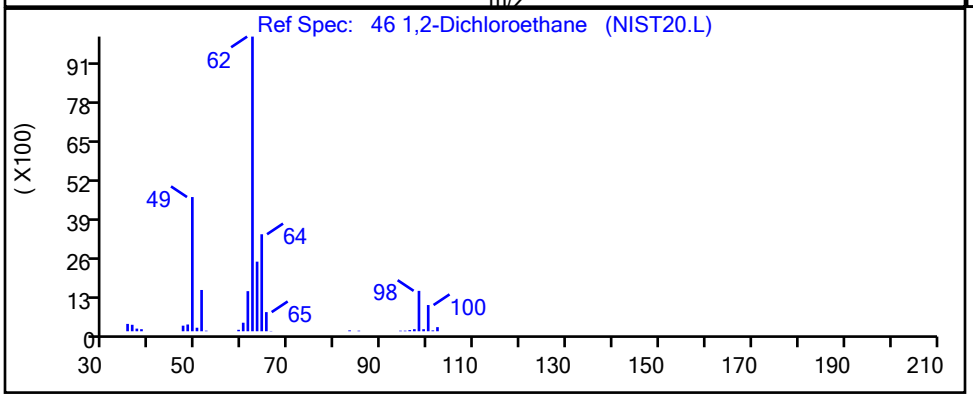
Processing Results











RT	Mass	Response	Amount
13.66	62.00	1560	0.063368
13.48	98.00	0	

Reviewer: F7XK, 19-Aug-2025 09:26:31 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

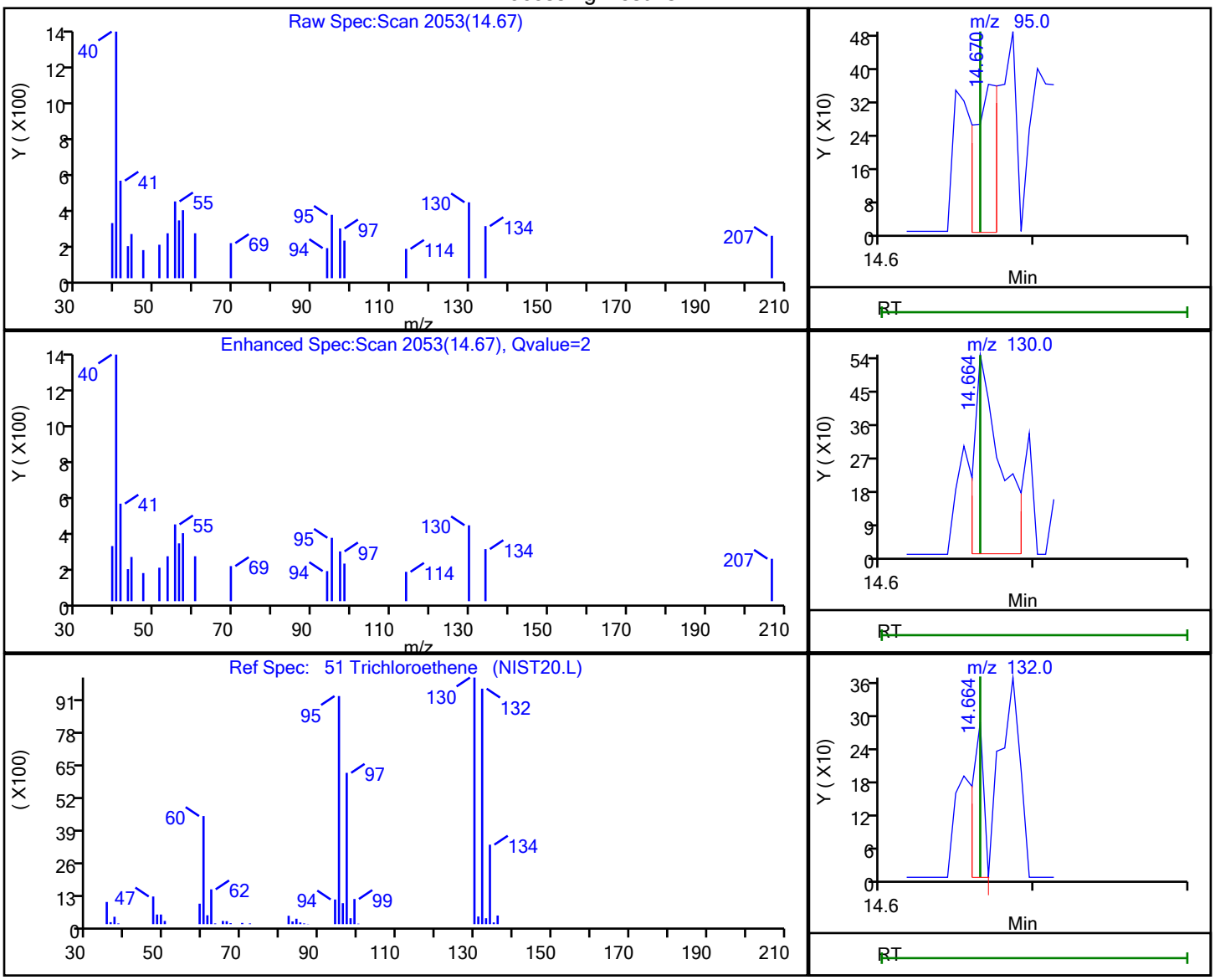
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
14.67	95.00	391	0.018578
14.66	130.00	654	
14.66	132.00	143	

Reviewer: F7XK, 19-Aug-2025 09:26:40 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

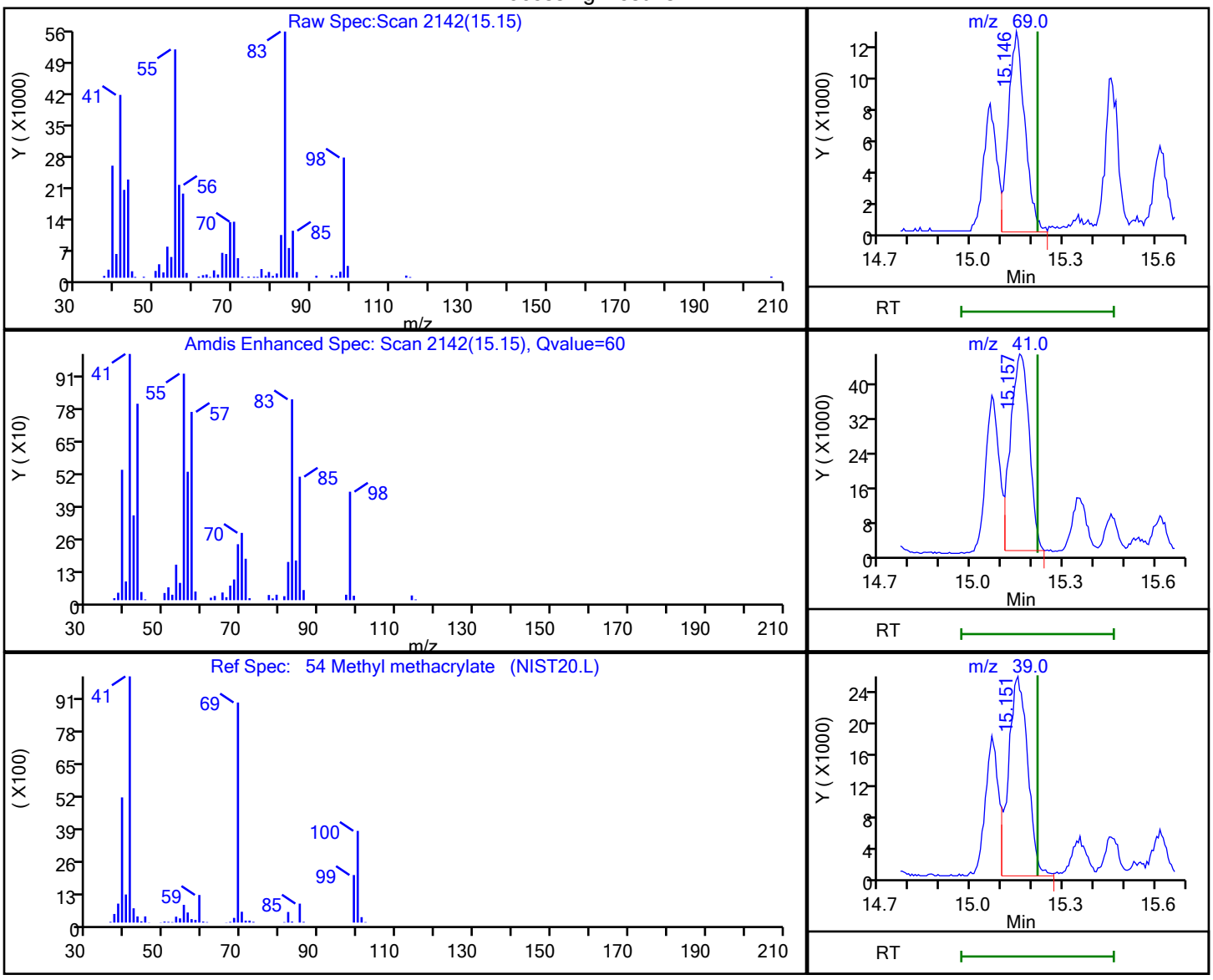
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
15.15	69.00	46918	3.152423
15.16	41.00	195419	
15.15	39.00	112260	

Reviewer: F7XK, 19-Aug-2025 09:27:19 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

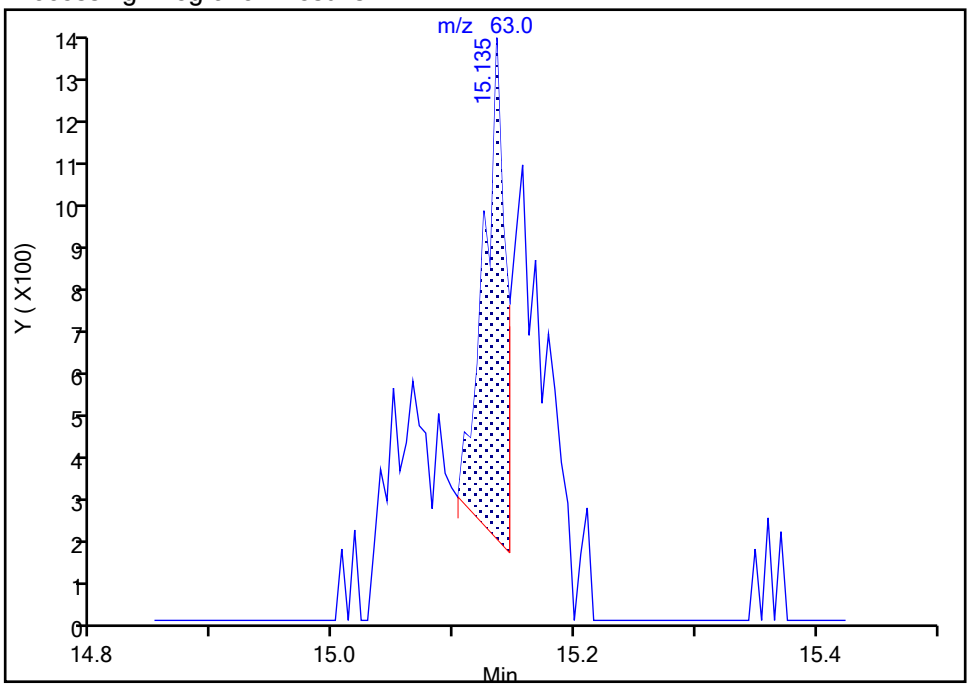
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

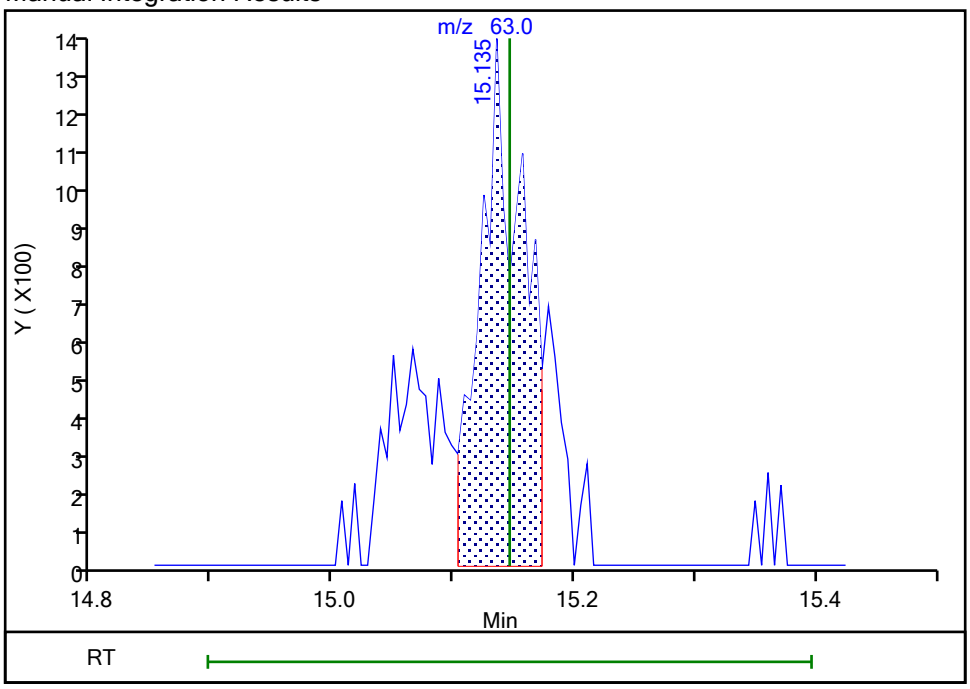
Processing Integration Results

RT: 15.14
Area: 1444
Amount: 0.092852
Amount Units: ppb v/v



Manual Integration Results

RT: 15.14
Area: 3347
Amount: 0.215219
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:27:00 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

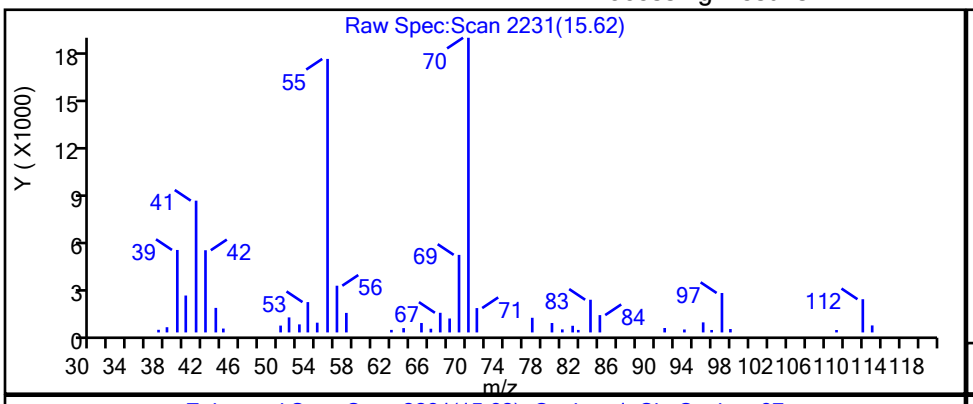
User Disabled Compound Report

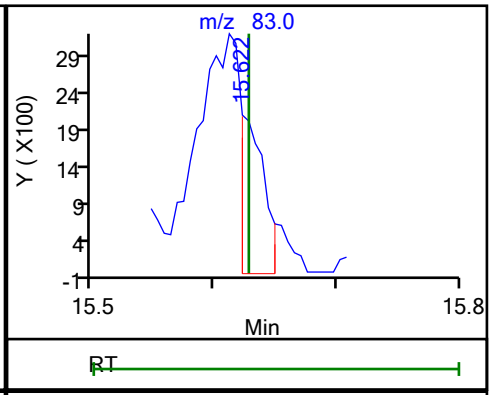
Eurofins Burlington

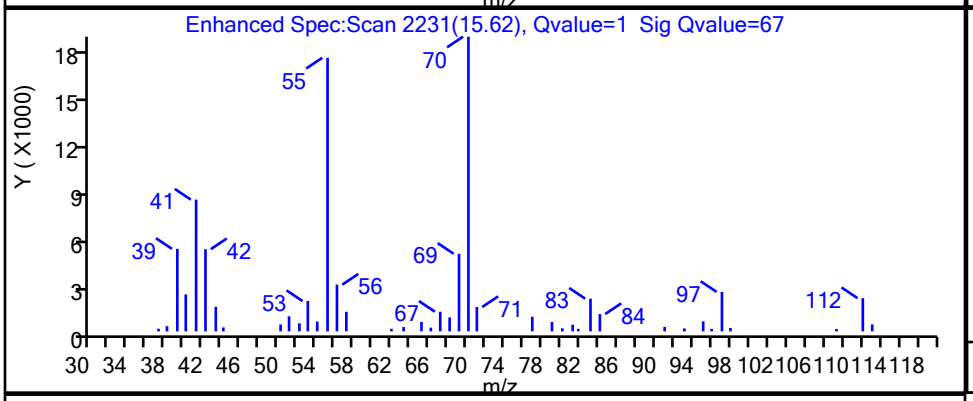
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

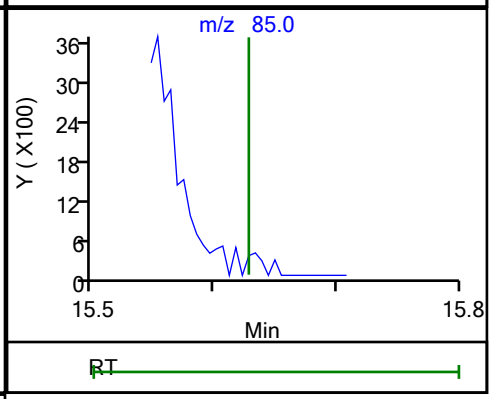
58 Dichlorobromomethane, CAS: 75-27-4

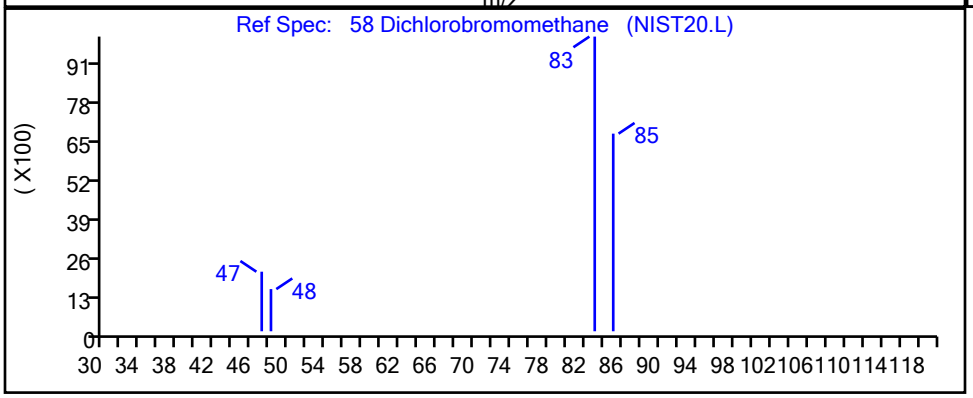
Processing Results











RT	Mass	Response	Amount
15.62	83.00	2853	0.078244
15.63	85.00	0	

Reviewer: F7XK, 19-Aug-2025 09:27:49 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

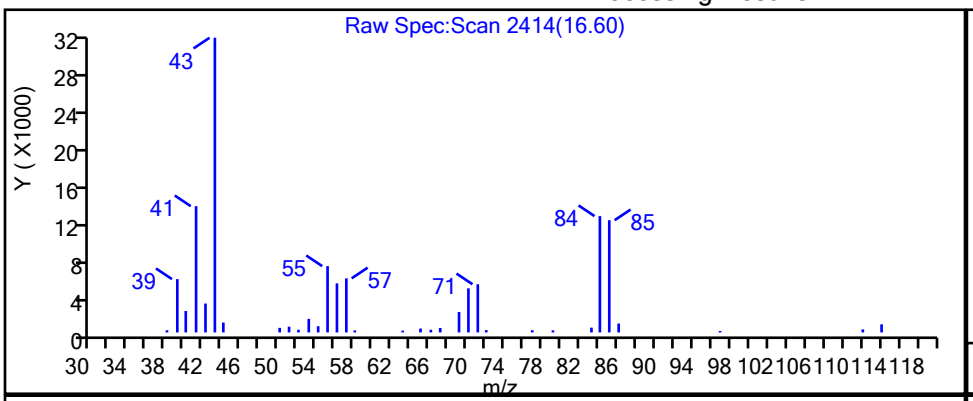
User Disabled Compound Report

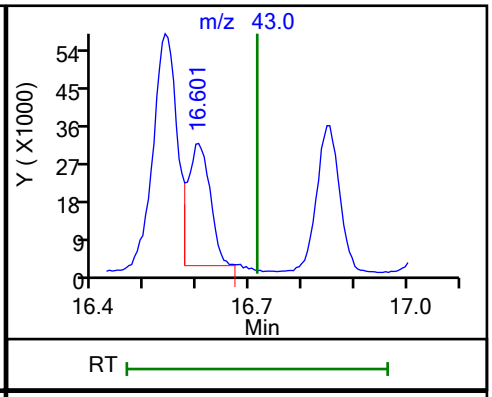
Eurofins Burlington

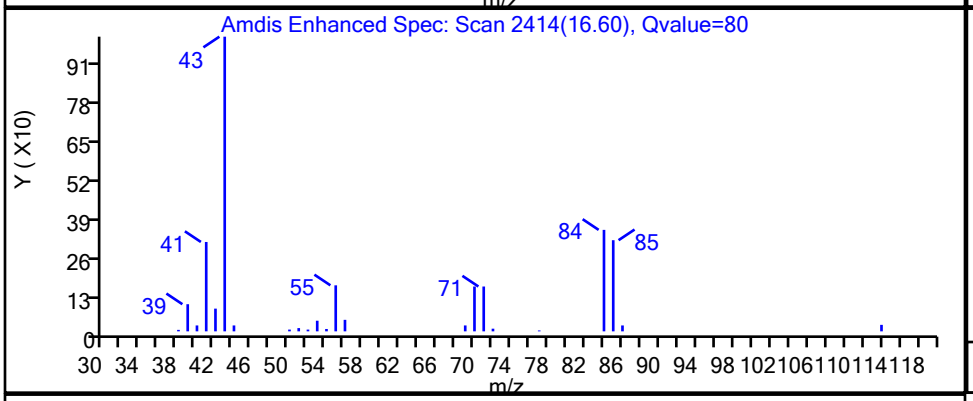
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

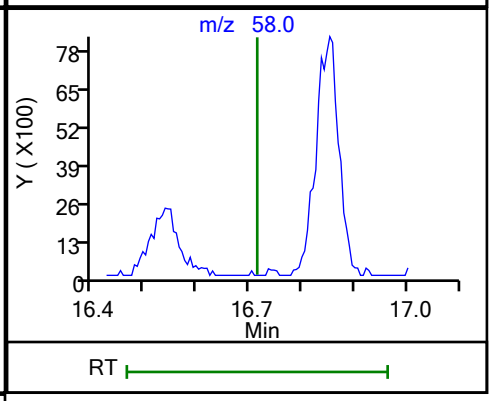
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

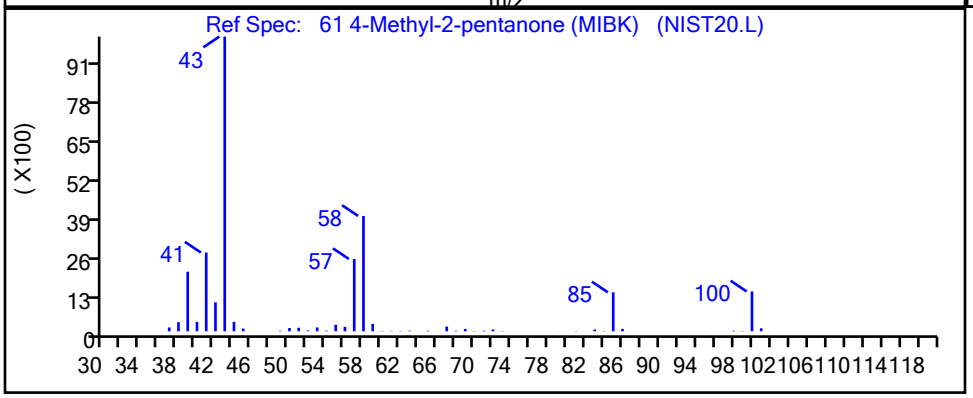
Processing Results











RT	Mass	Response	Amount
16.60	43.00	87651	2.591786
16.71	58.00	0	

Reviewer: F7XK, 19-Aug-2025 09:27:53 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

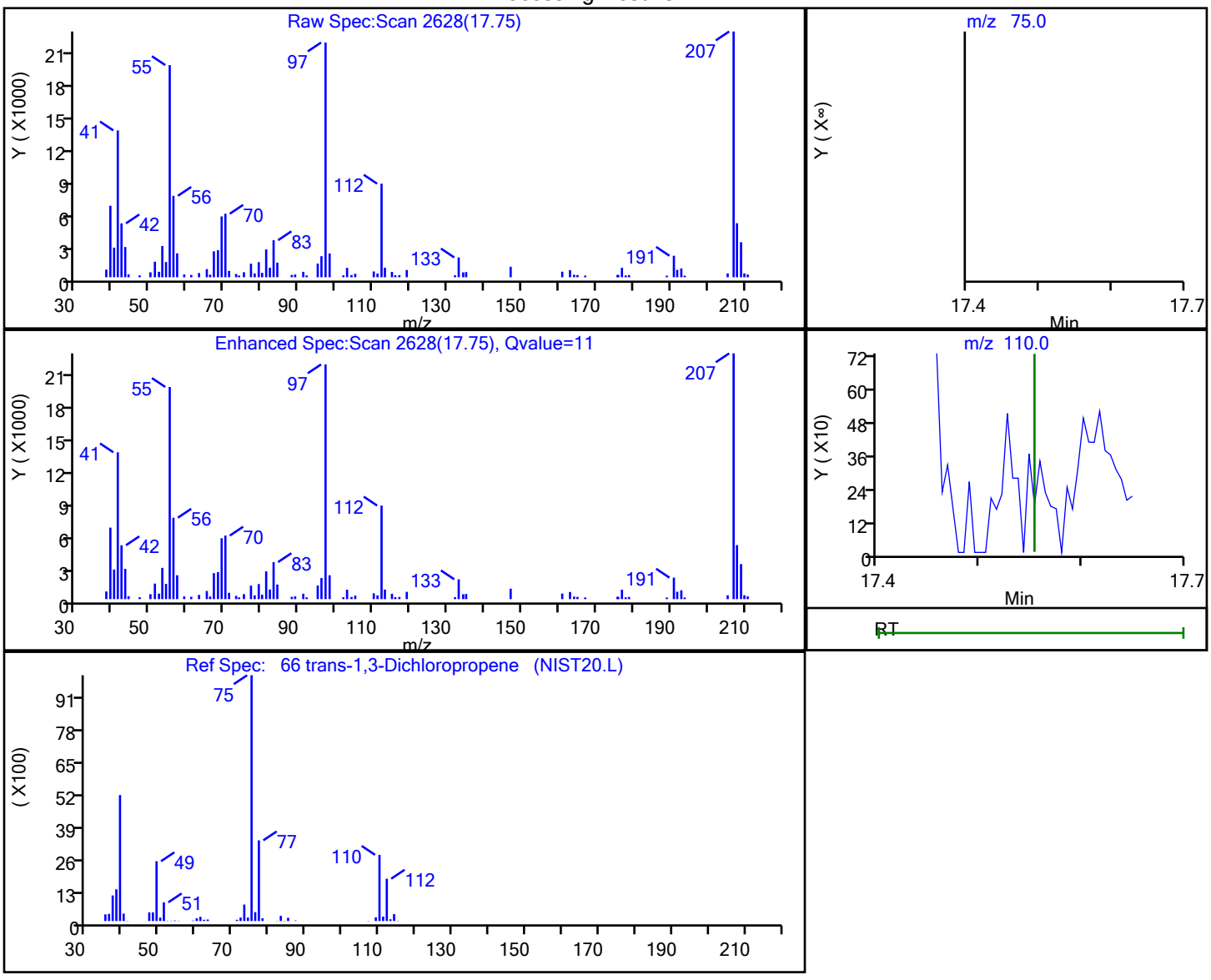
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

66 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
17.75	75.00	636	0.026774
17.73	110.00	1198	

Reviewer: F7XK, 19-Aug-2025 09:27:58 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

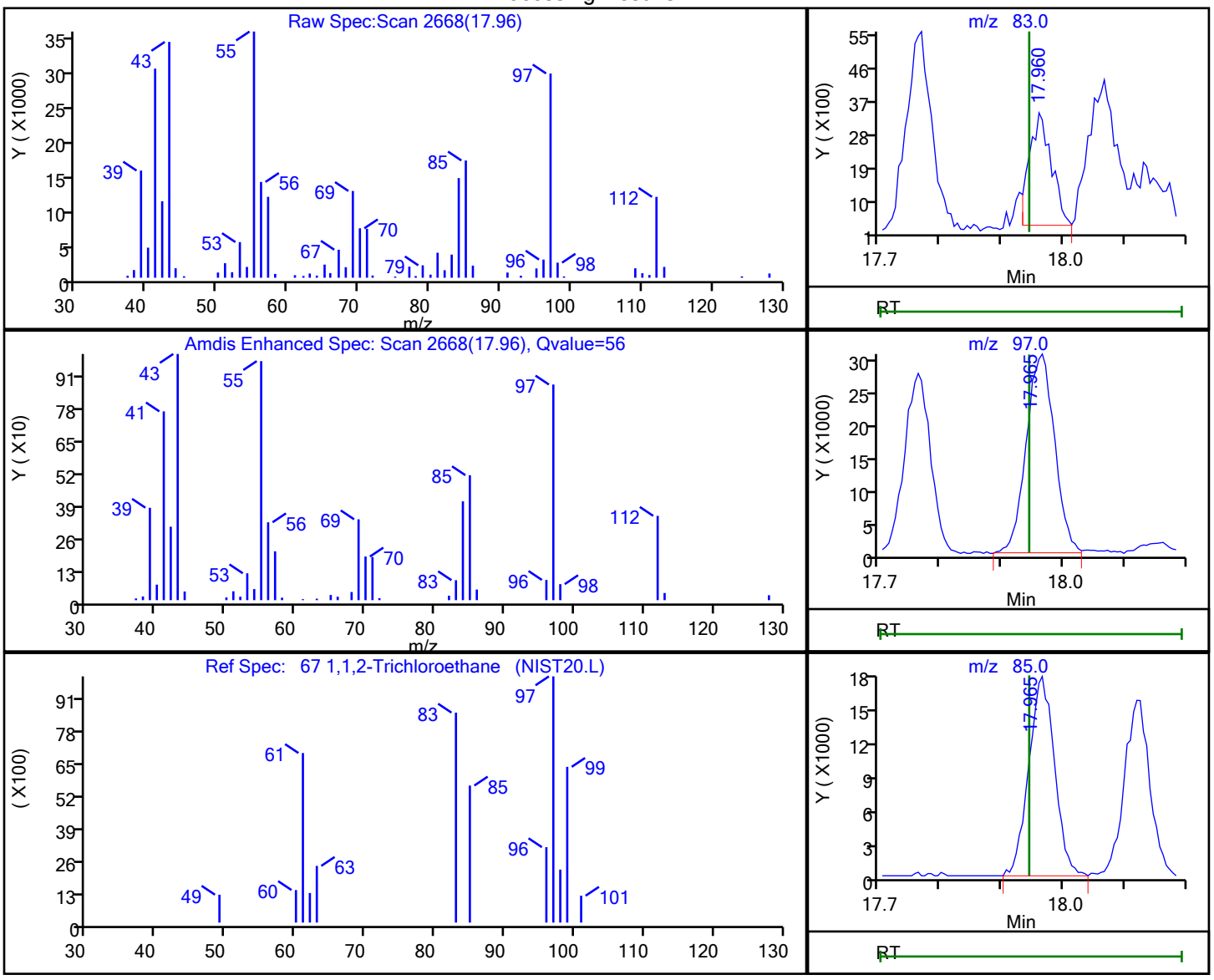
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
17.96	83.00	7511	0.499828
17.97	97.00	98031	
17.97	85.00	51442	

Reviewer: F7XK, 19-Aug-2025 09:28:04 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington

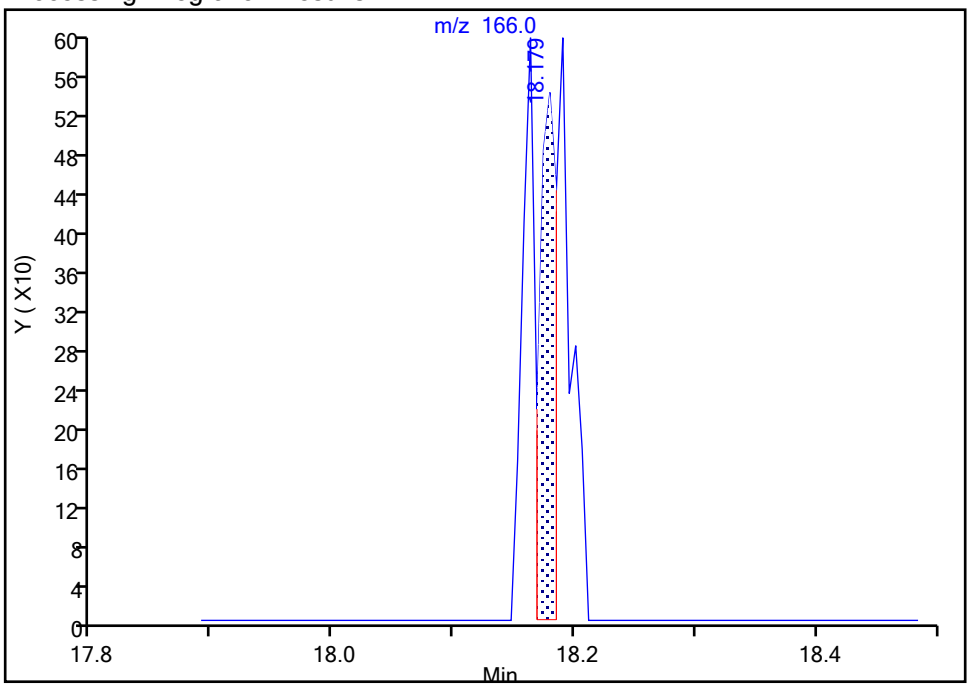
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Tetrachloroethene, CAS: 127-18-4

Signal: 1

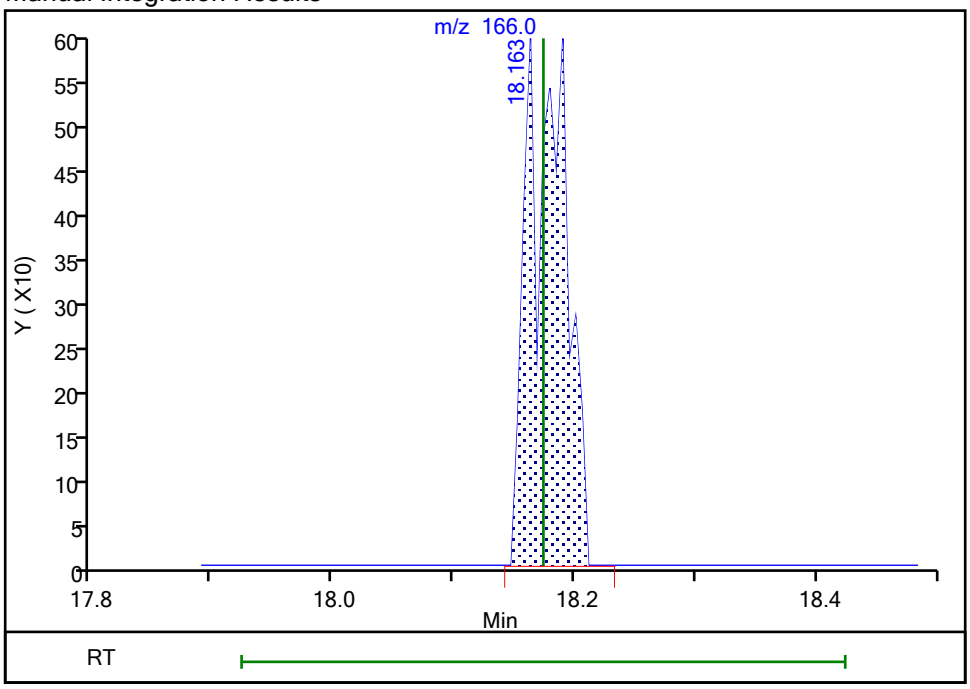
Processing Integration Results

RT: 18.18
Area: 538
Amount: 0.017086
Amount Units: ppb v/v



Manual Integration Results

RT: 18.16
Area: 1325
Amount: 0.042079
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:28:10 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

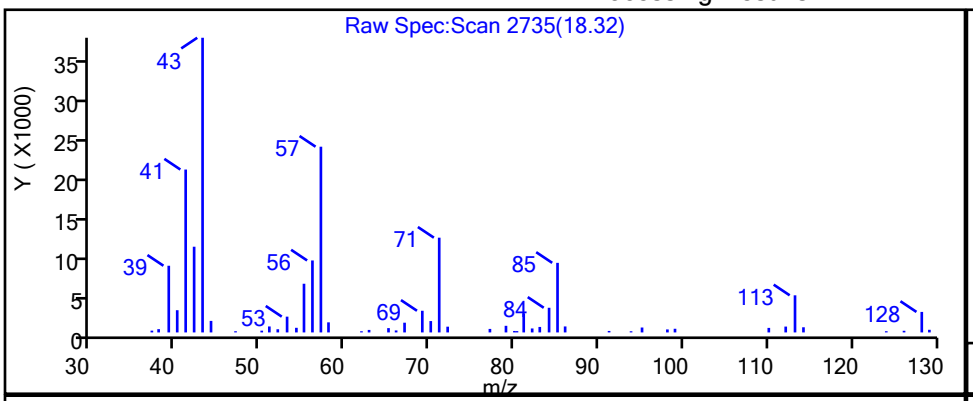
User Disabled Compound Report

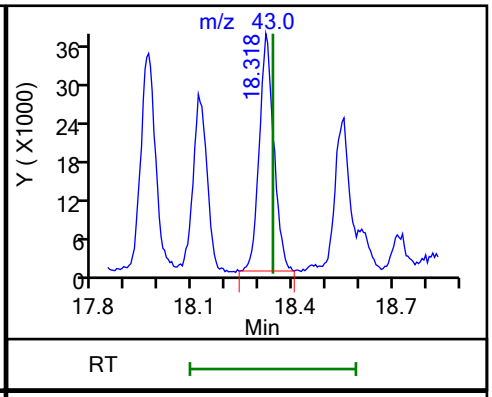
Eurofins Burlington

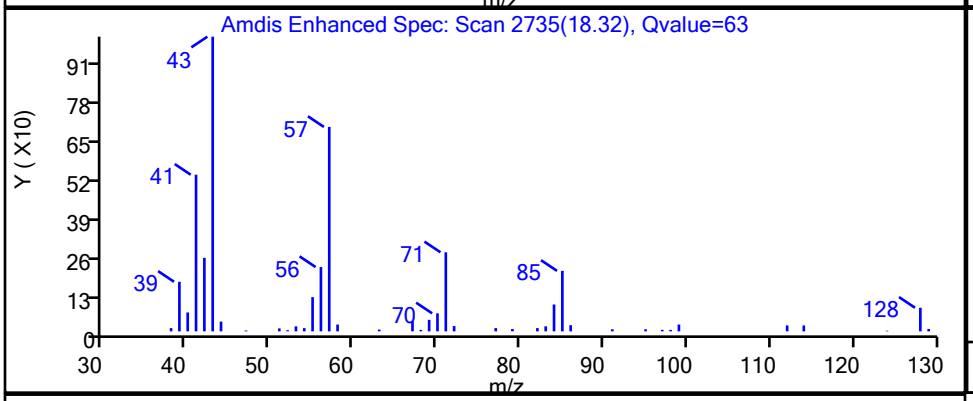
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

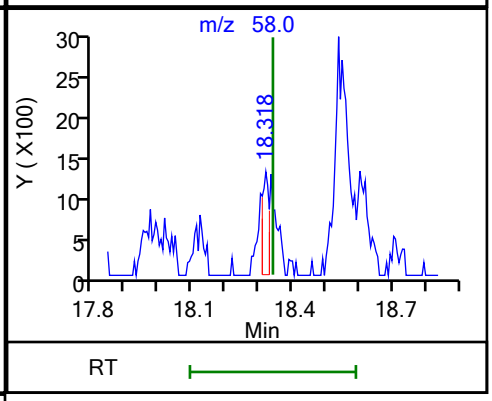
69 2-Hexanone, CAS: 591-78-6

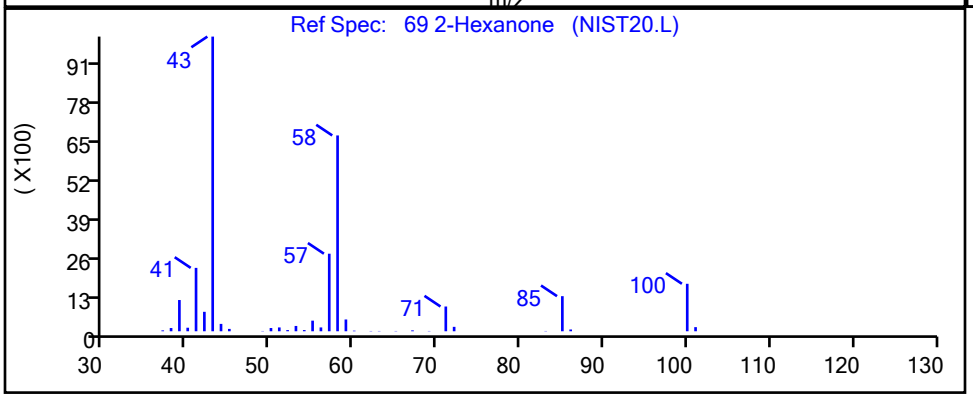
Processing Results











RT	Mass	Response	Amount
18.32	43.00	113135	3.543079
18.32	58.00	1703	

Reviewer: F7XK, 19-Aug-2025 09:28:22 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

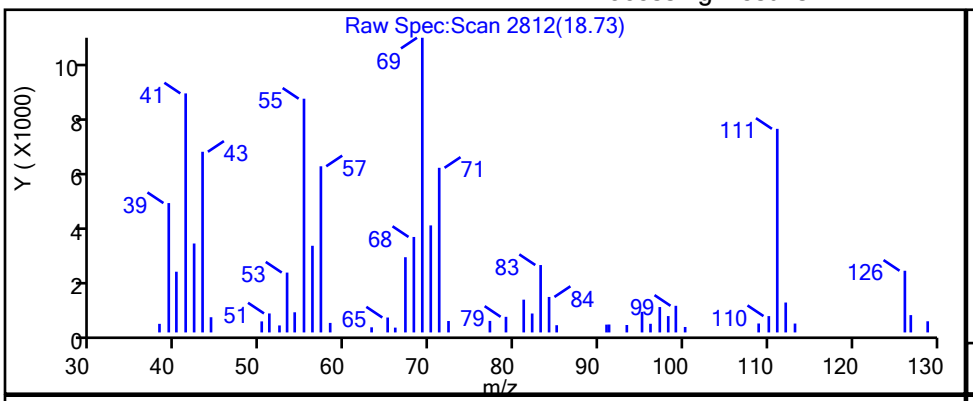
User Disabled Compound Report

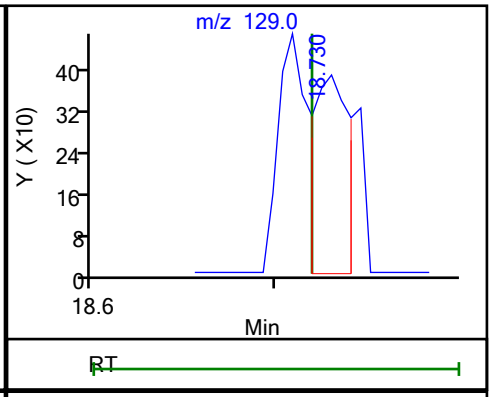
Eurofins Burlington

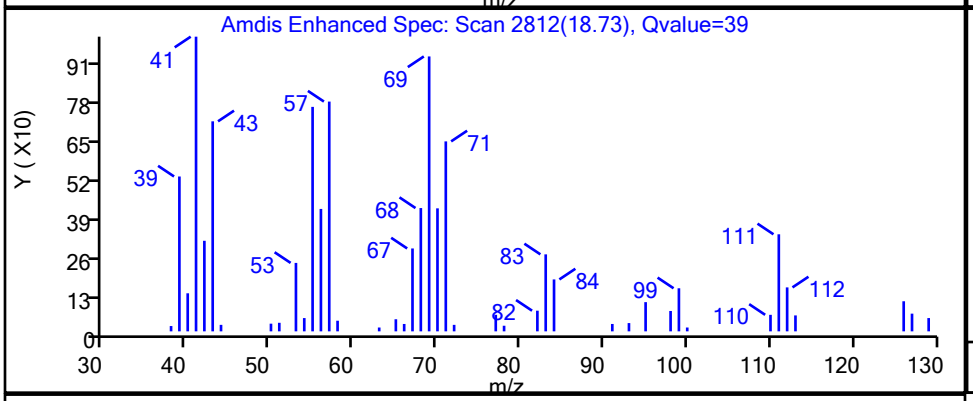
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

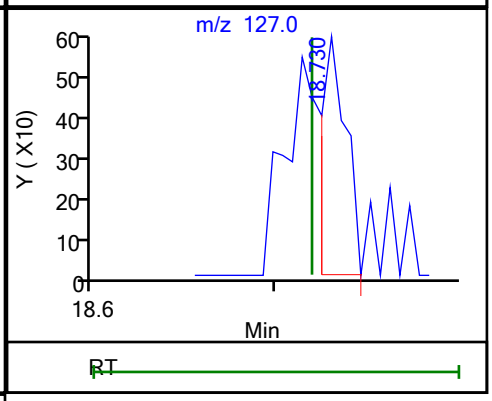
70 Chlorodibromomethane, CAS: 124-48-1

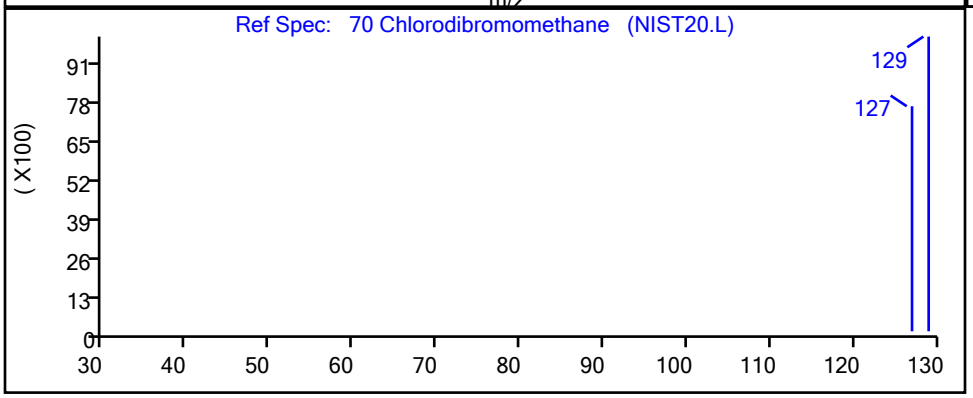
Processing Results











RT	Mass	Response	Amount
18.73	129.00	539	0.013958
18.73	127.00	554	

Reviewer: F7XK, 19-Aug-2025 09:28:26 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

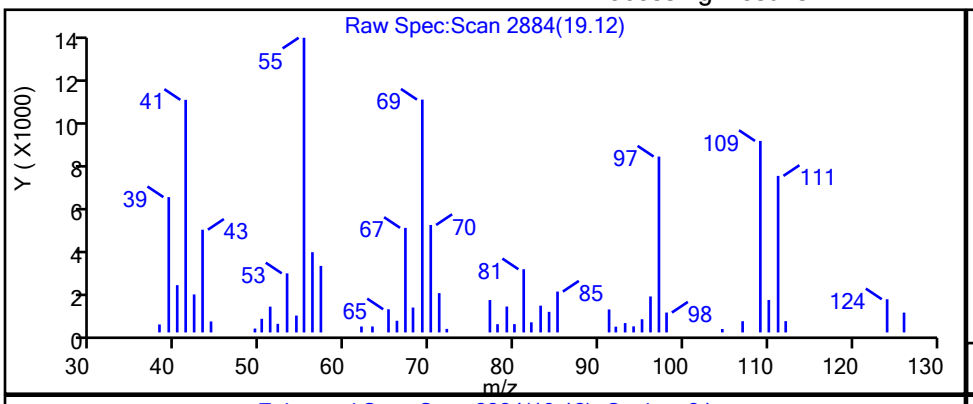
User Disabled Compound Report

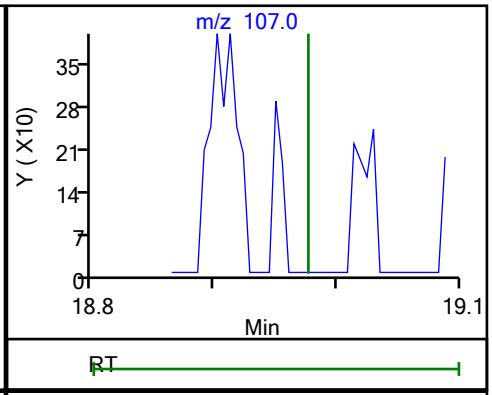
Eurofins Burlington

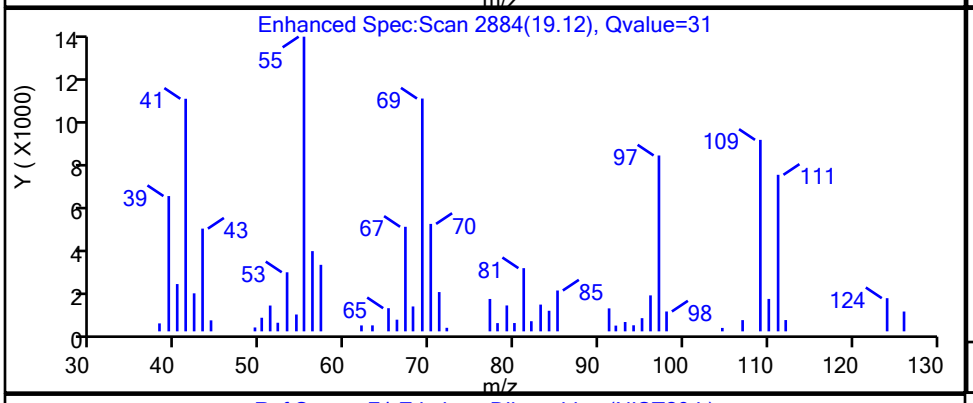
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

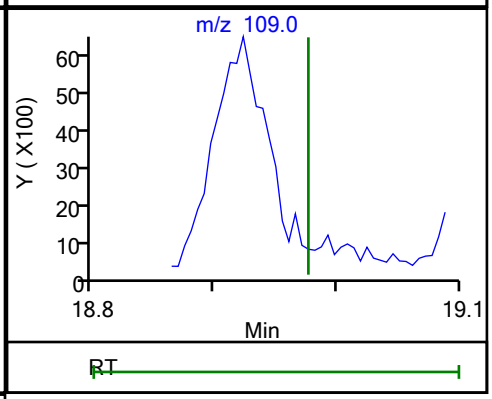
71 Ethylene Dibromide, CAS: 106-93-4

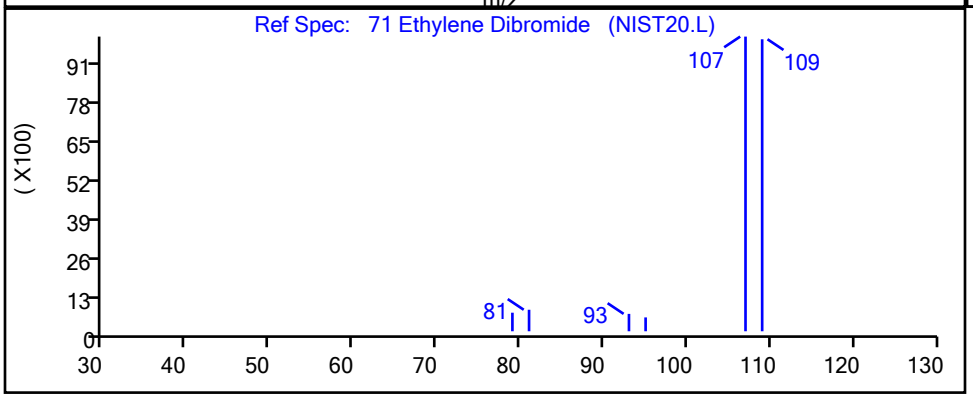
Processing Results











RT	Mass	Response	Amount
19.12	107.00	690	0.022577
19.12	109.00	27757	

Reviewer: F7XK, 19-Aug-2025 09:28:30 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington

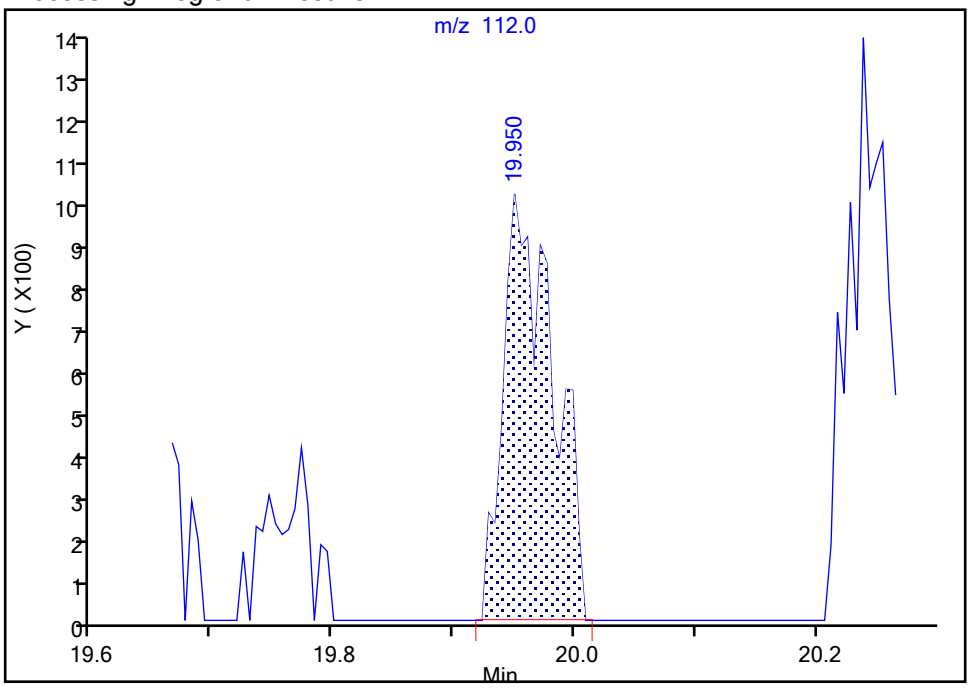
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Chlorobenzene, CAS: 108-90-7

Signal: 1

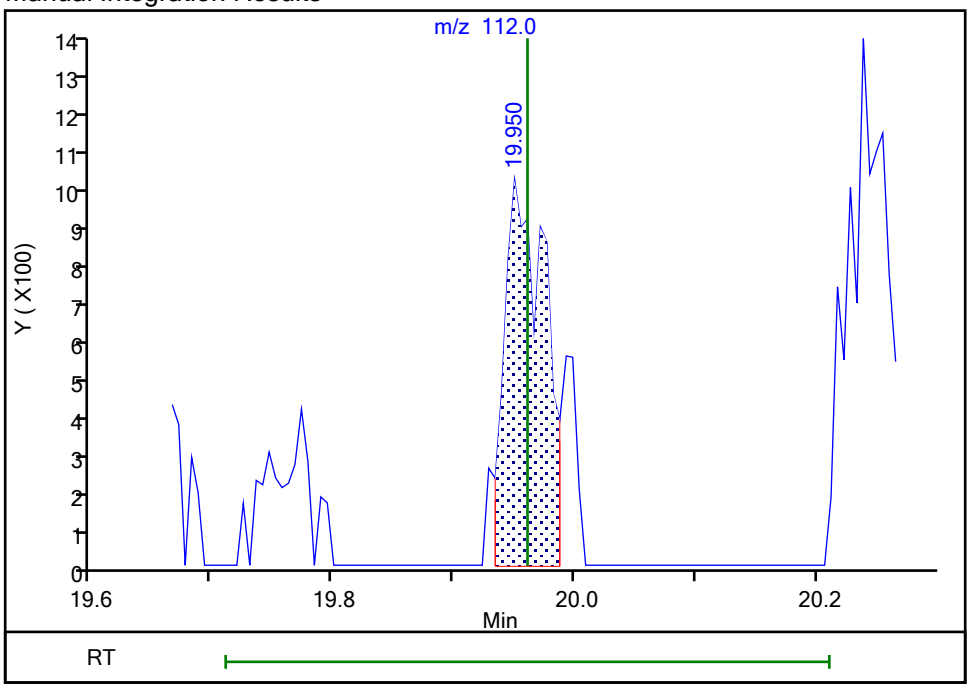
Processing Integration Results

RT: 19.95
Area: 2737
Amount: 0.058986
Amount Units: ppb v/v



Manual Integration Results

RT: 19.95
Area: 2266
Amount: 0.048836
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:28:54 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

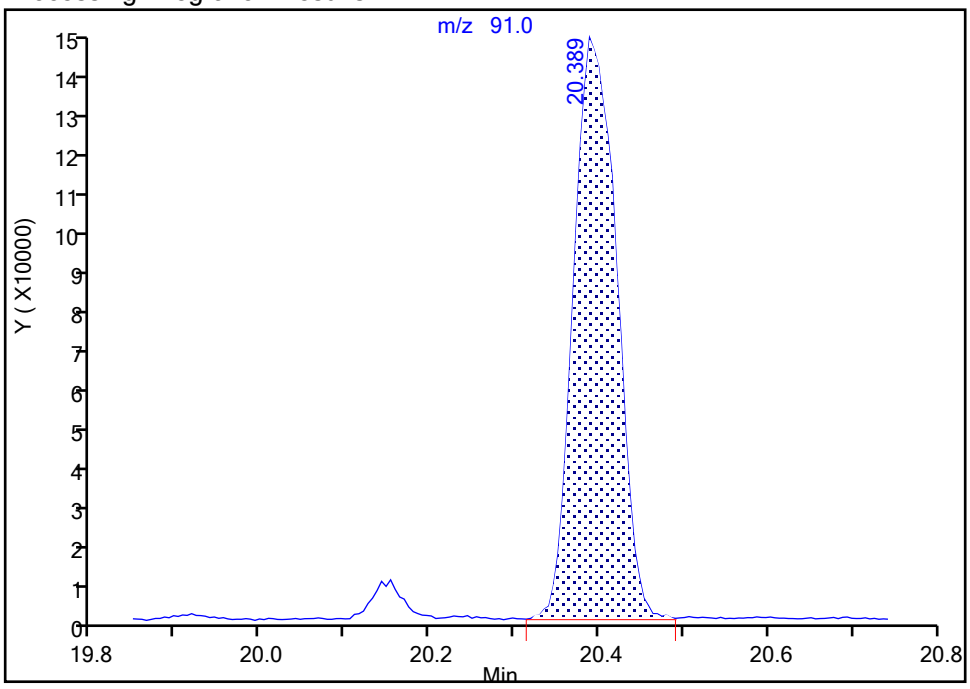
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Signal: 1

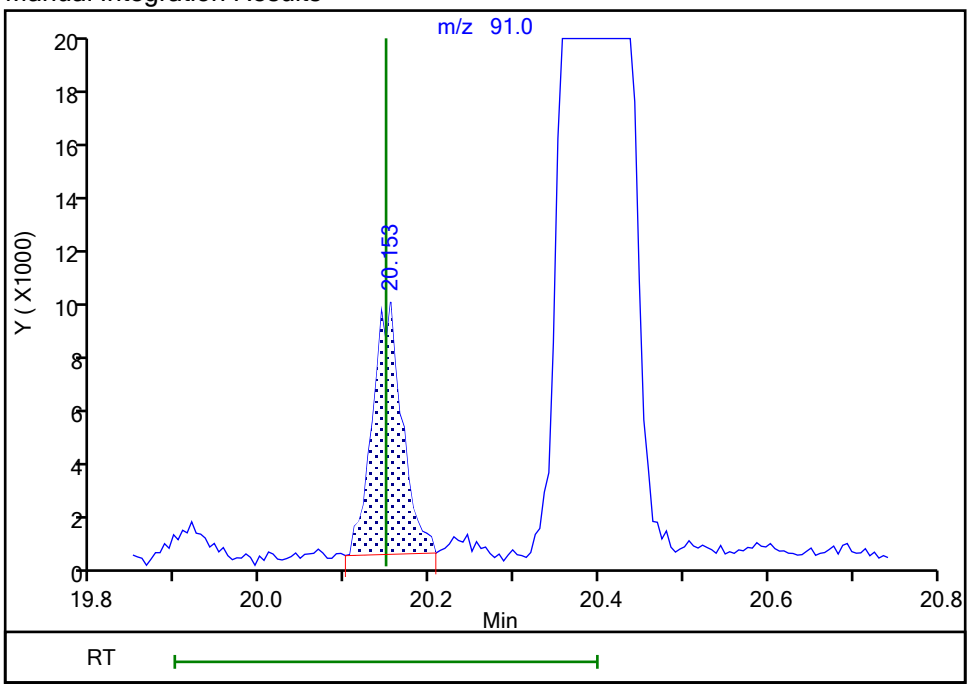
Processing Integration Results

RT: 20.39
Area: 501170
Amount: 6.459603
Amount Units: ppb v/v



Manual Integration Results

RT: 20.15
Area: 23201
Amount: 0.299039
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:29:14 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

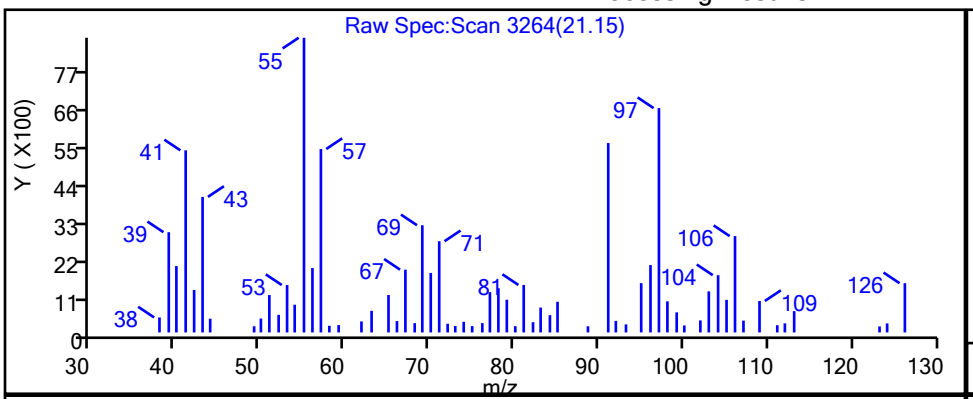
User Disabled Compound Report

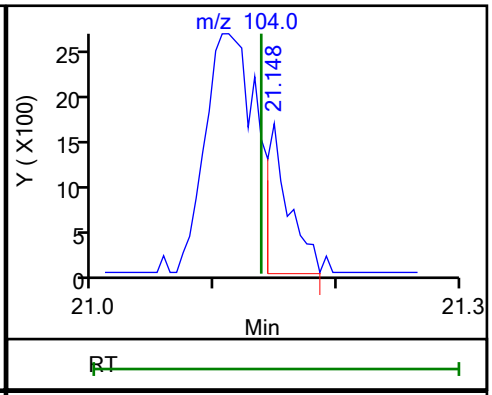
Eurofins Burlington

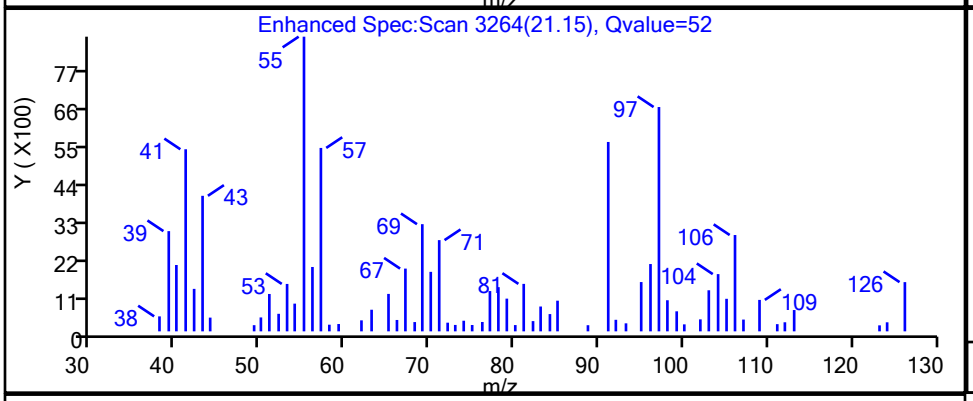
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

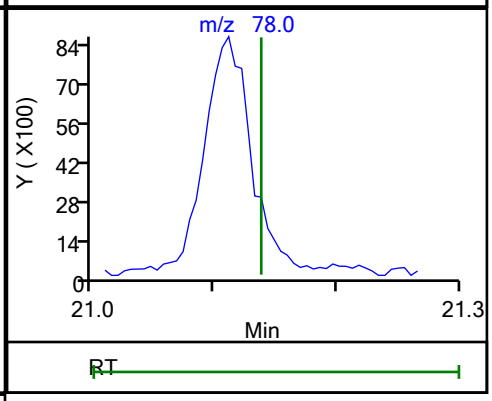
79 Styrene, CAS: 100-42-5

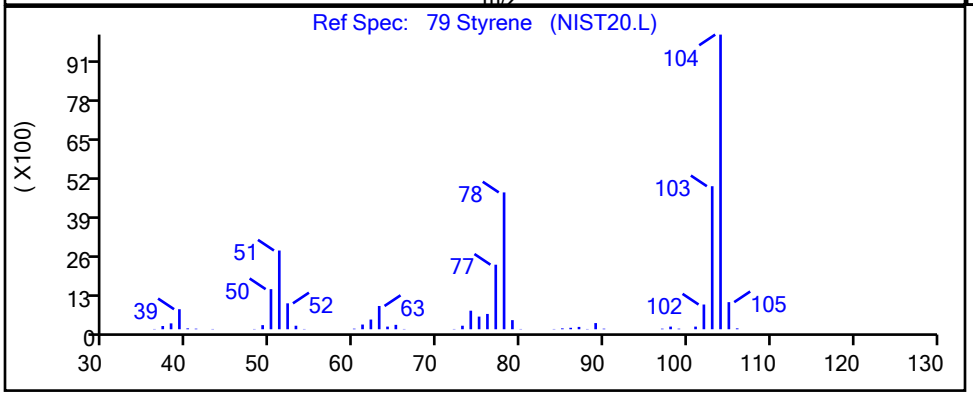
Processing Results











RT	Mass	Response	Amount
21.15	104.00	2040	0.043566
21.14	78.00	0	

Reviewer: F7XK, 19-Aug-2025 09:29:24 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

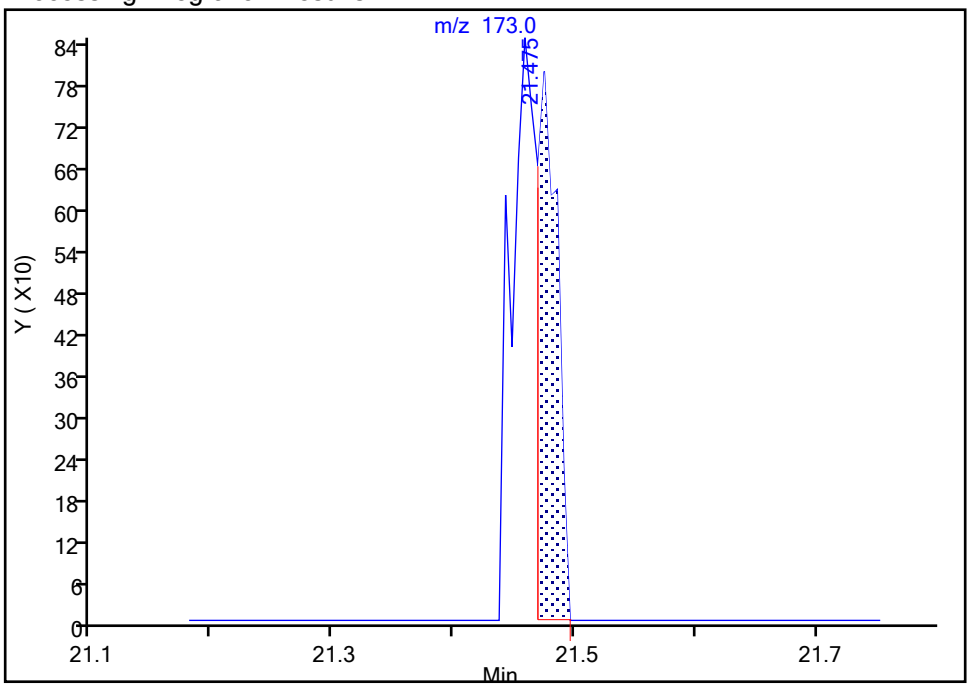
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

81 Bromoform, CAS: 75-25-2

Signal: 1

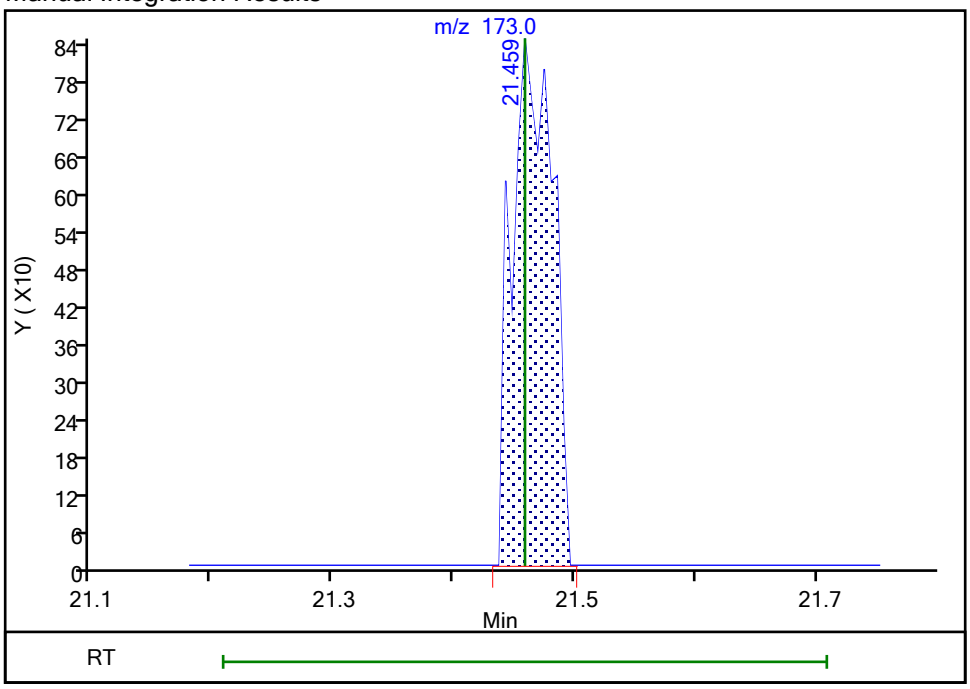
Processing Integration Results

RT: 21.47
Area: 940
Amount: 0.026009
Amount Units: ppb v/v



Manual Integration Results

RT: 21.46
Area: 1995
Amount: 0.055199
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:29:37 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

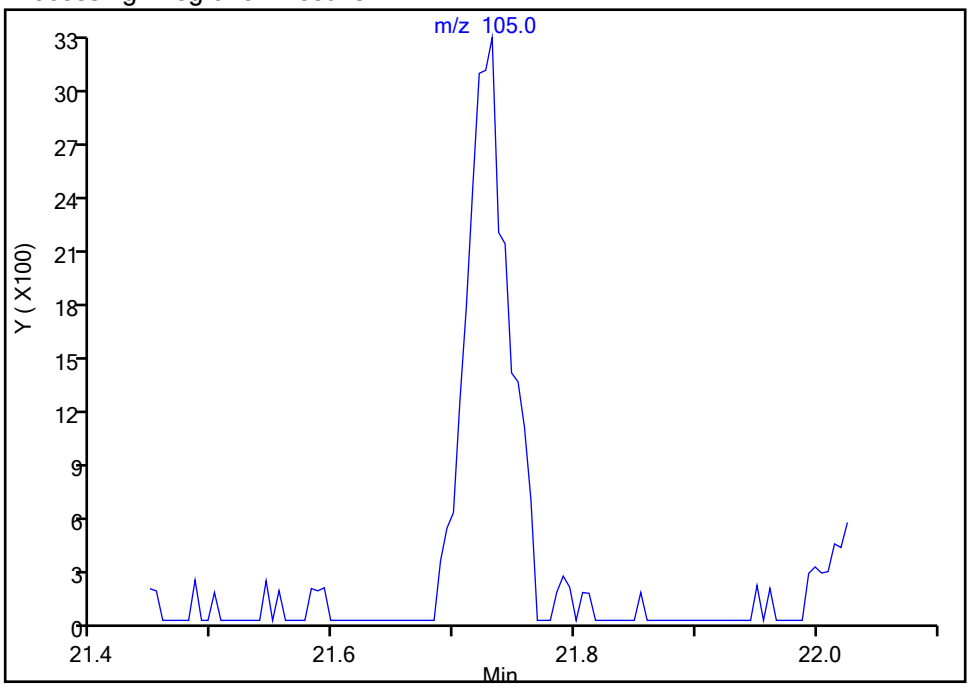
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Signal: 1

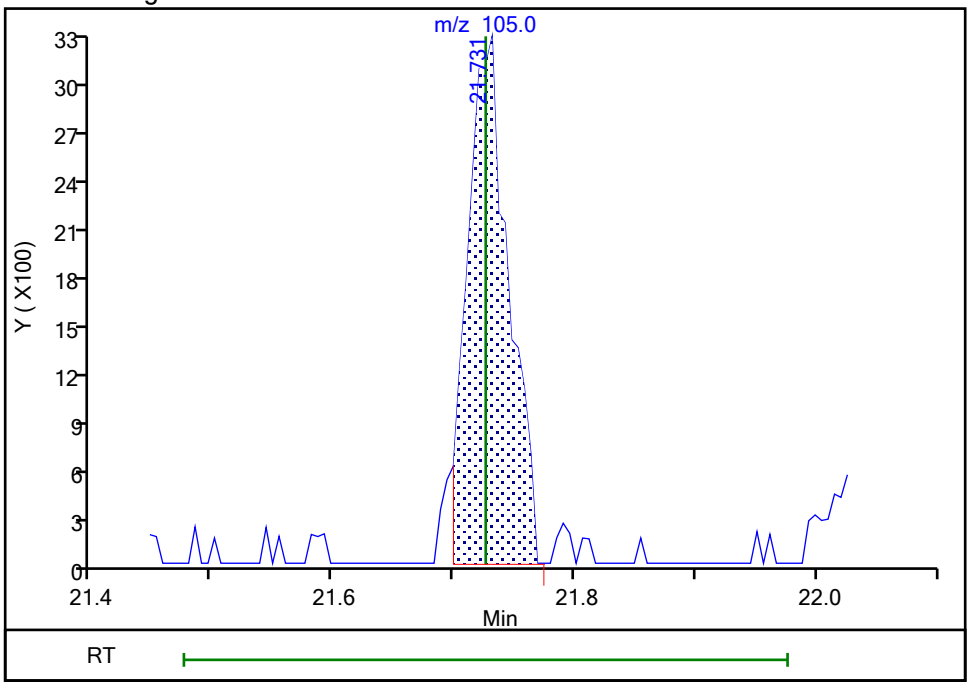
Not Detected
Expected RT: 21.73

Processing Integration Results



Manual Integration Results

RT: 21.73
Area: 7702
Amount: 0.083363
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:30:09 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

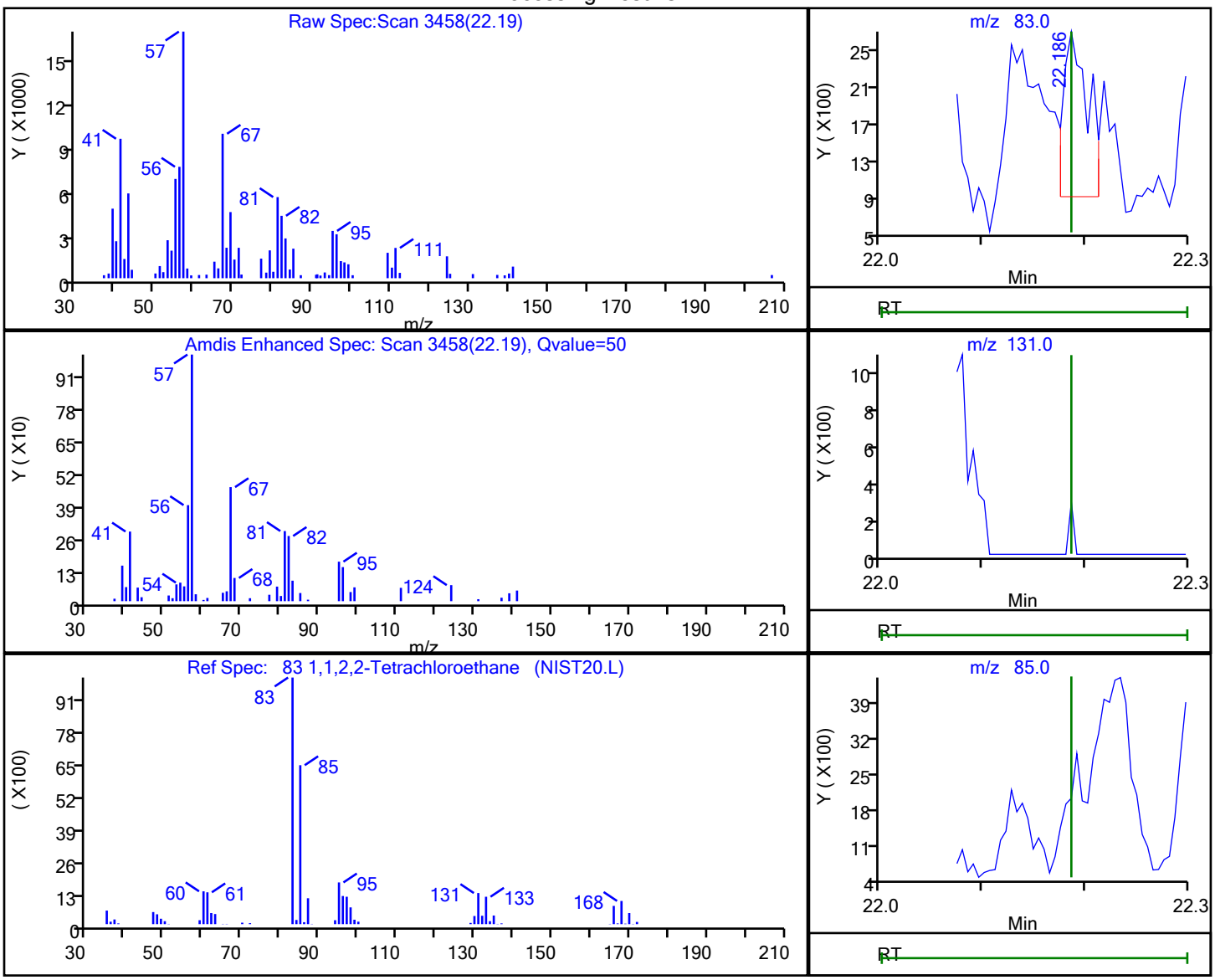
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
22.19	83.00	2921	0.073667
22.19	131.00	0	
22.19	85.00	0	

Reviewer: F7XK, 19-Aug-2025 09:30:19 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

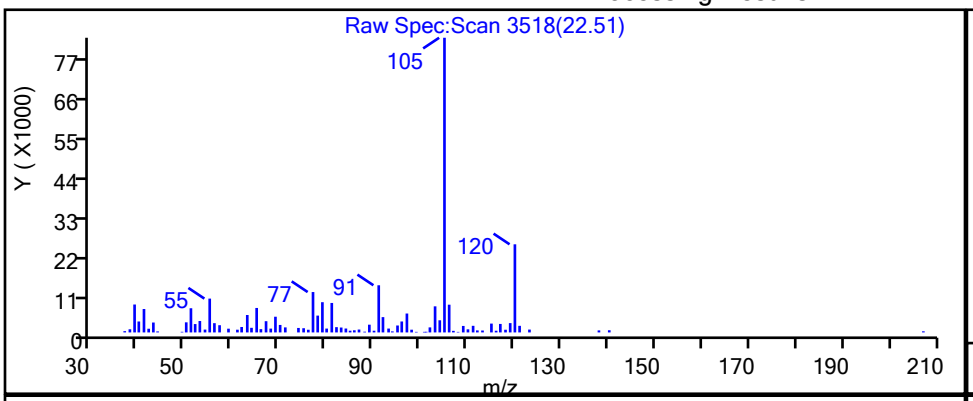
User Disabled Compound Report

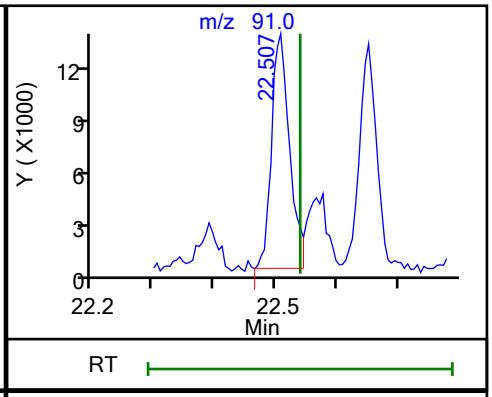
Eurofins Burlington

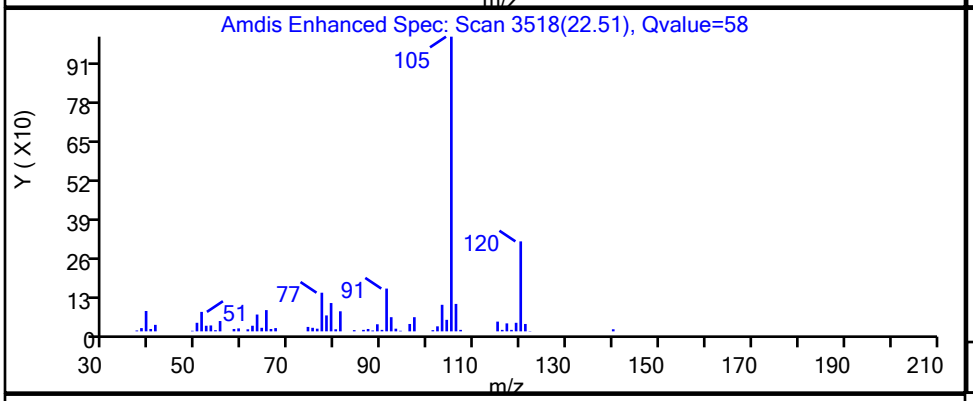
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

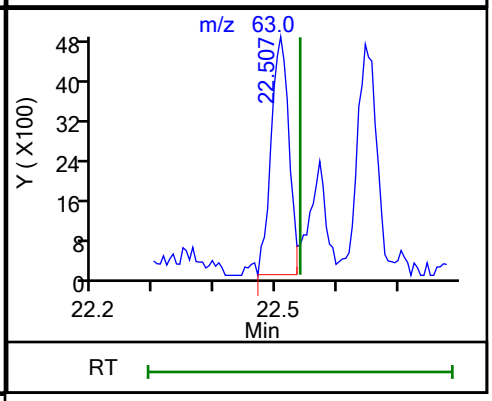
86 2-Chlorotoluene, CAS: 95-49-8

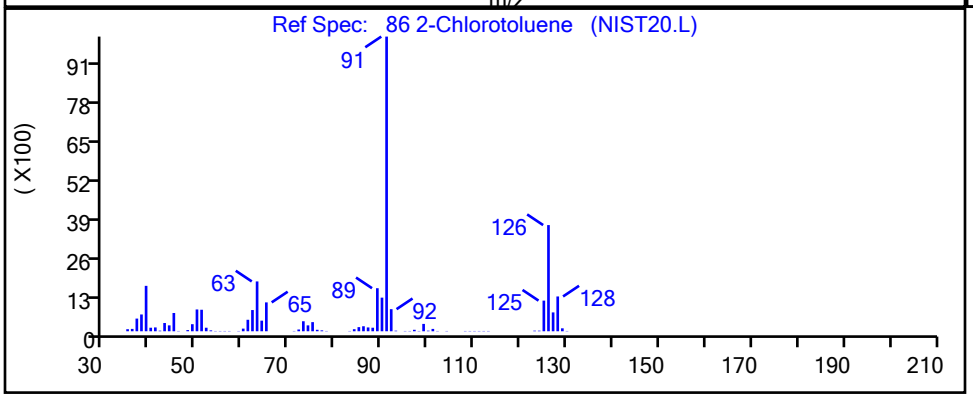
Processing Results











RT	Mass	Response	Amount
22.51	91.00	26332	0.340985
22.51	63.00	9876	

Reviewer: F7XK, 19-Aug-2025 09:30:24 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington

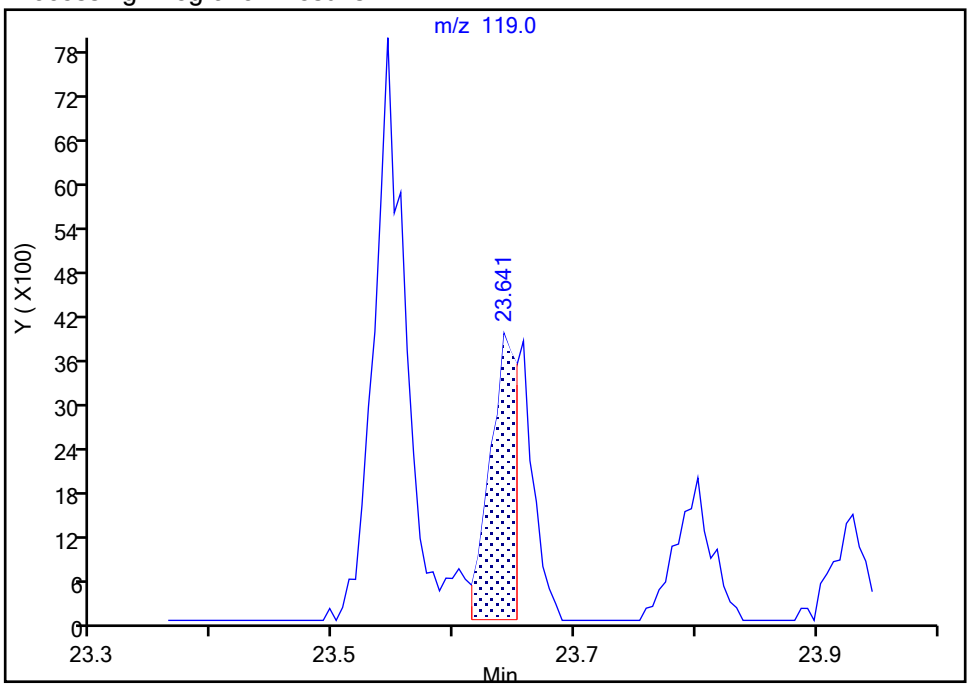
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

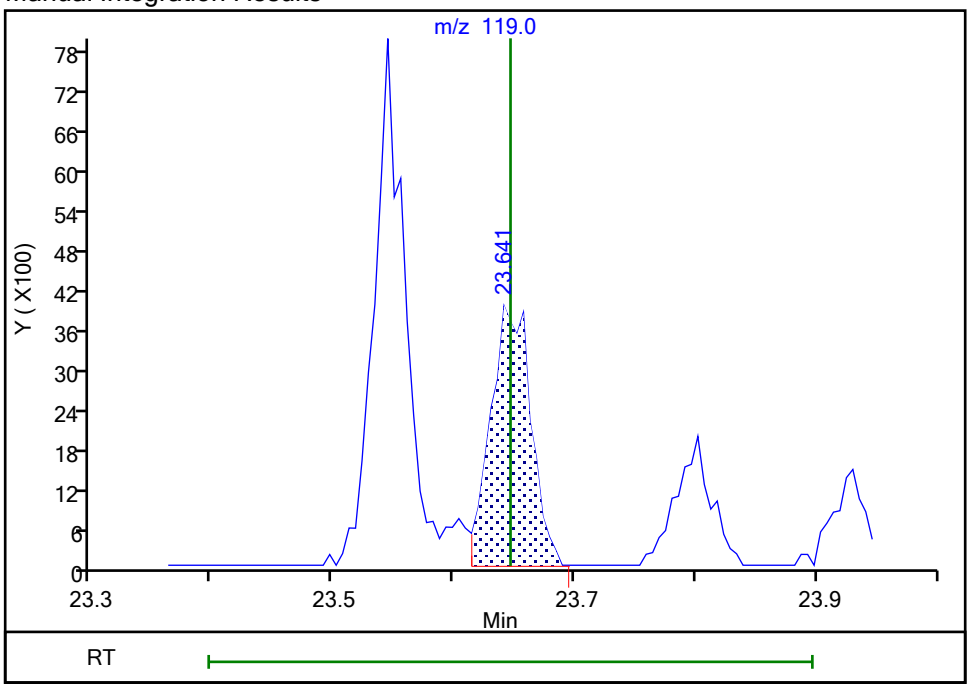
Processing Integration Results

RT: 23.64
Area: 6154
Amount: 0.059901
Amount Units: ppb v/v



Manual Integration Results

RT: 23.64
Area: 9044
Amount: 0.088031
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:31:20 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

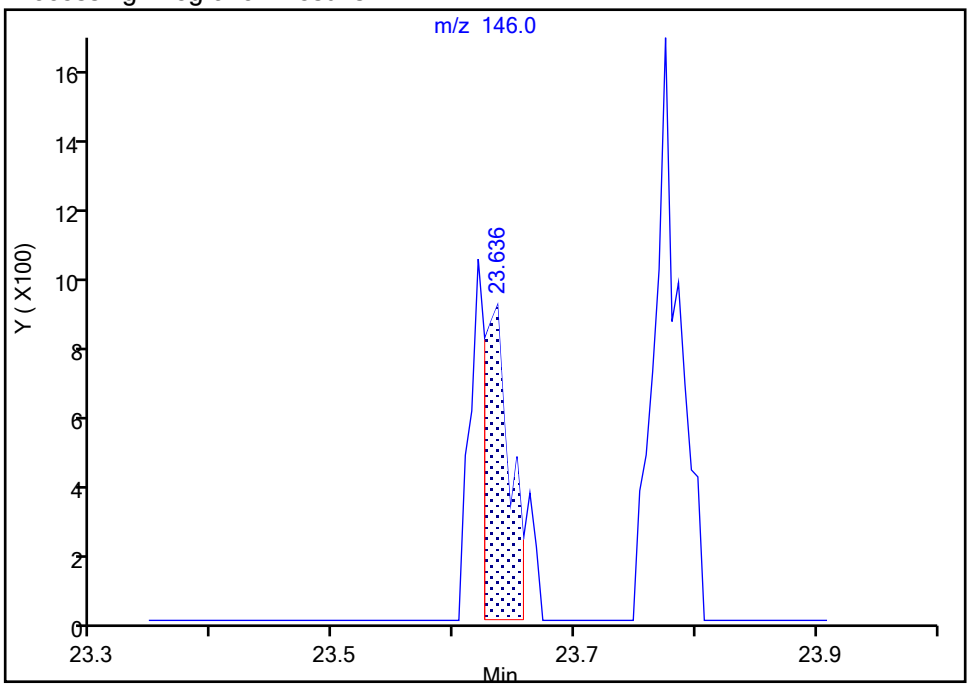
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

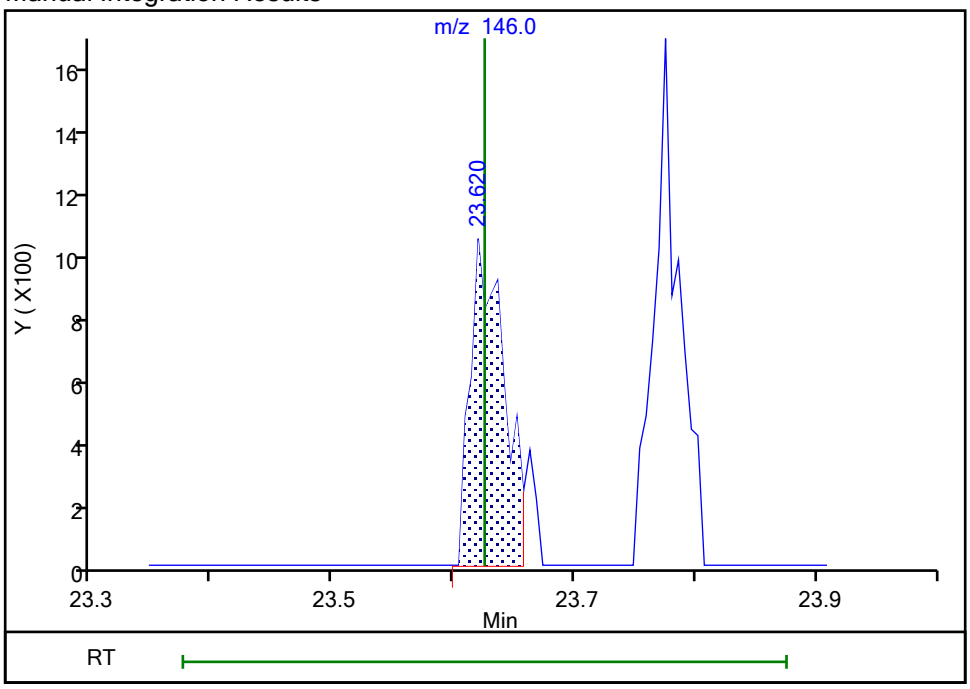
Processing Integration Results

RT: 23.64
Area: 1337
Amount: 0.024919
Amount Units: ppb v/v



Manual Integration Results

RT: 23.62
Area: 2014
Amount: 0.037538
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:30:44 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

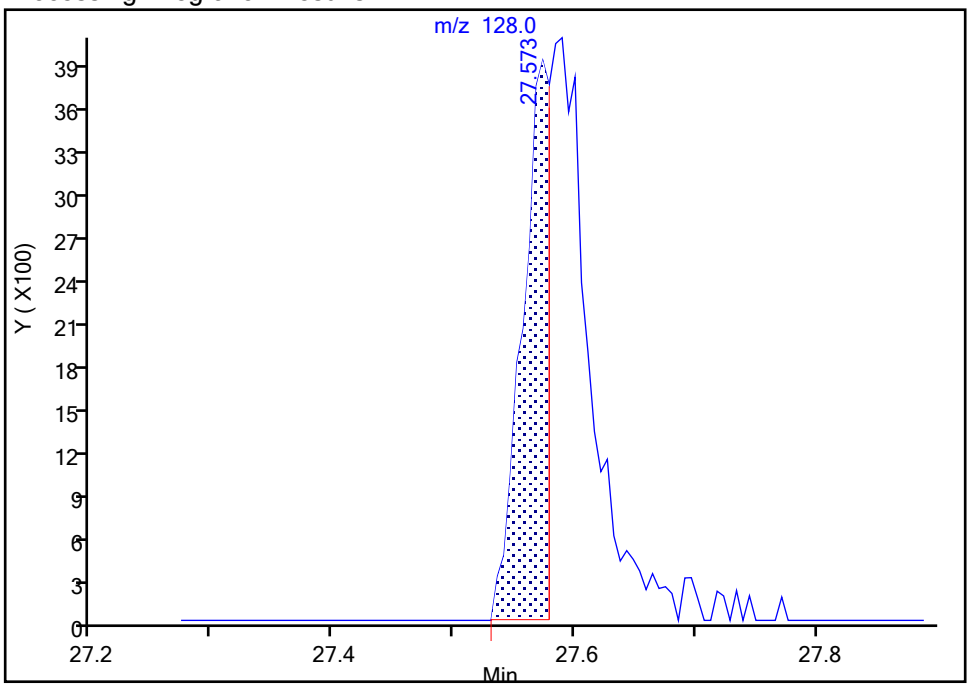
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-07.d				
Injection Date:	18-Aug-2025 12:20:30	Instrument ID:	CHW.i		
Lims ID:	200-78914-A-3 DL	Lab Sample ID:	200-78914-3		
Client ID:	SSDS_INF_20250813				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

104 Naphthalene, CAS: 91-20-3

Signal: 1

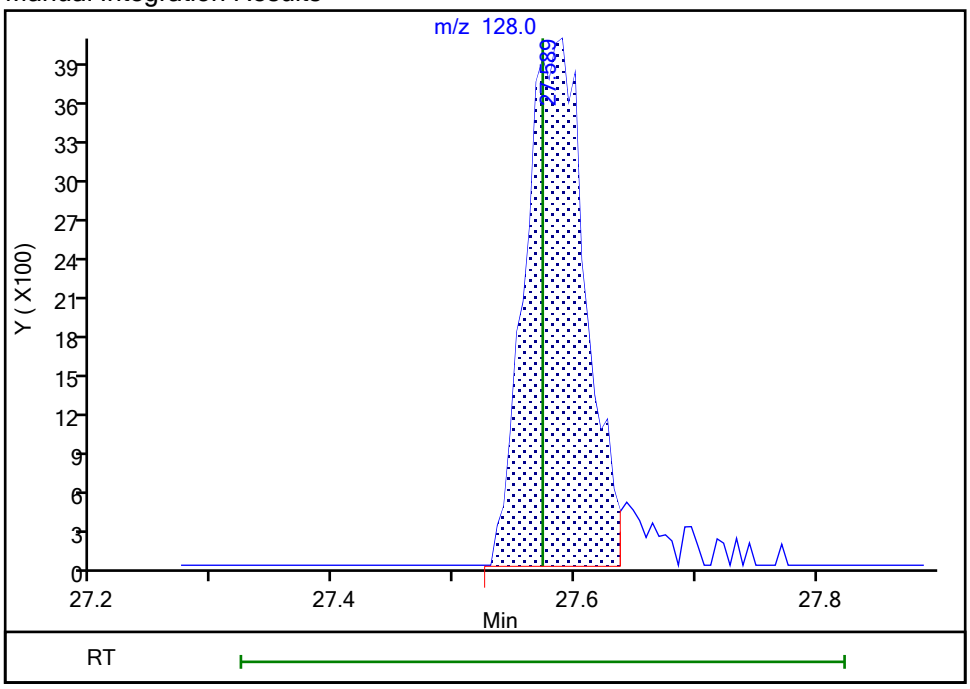
Processing Integration Results

RT: 27.57
Area: 6278
Amount: 0.066579
Amount Units: ppb v/v



Manual Integration Results

RT: 27.59
Area: 14001
Amount: 0.148483
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:32:14 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 Calibration End Date: 08/04/2025 17:49 Calibration ID: 55722

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-218864/2	66192_002.D
Level 2	IC 200-218864/4	66192_004.D
Level 3	IC 200-218864/5	66192_005.D
Level 4	IC 200-218864/6	66192_006.D
Level 5	ICIS 200-218864/7	66192_007.D
Level 6	IC 200-218864/10	66192_010.D
Level 7	IC 200-218864/11	66192_011.D
Level 8	IC 200-218864/12	66192_012.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.4419	+++++ 0.4606	+++++ 0.4346	0.5760	0.4629	Ave		0.4752				12.1		30.0			
Dichlorodifluoromethane	+++++ 2.0584	+++++ 2.1435	3.1491 2.0390	2.6926	2.1539	Ave		2.3728				19.0		30.0			
Freon 22	+++++ 0.9554	+++++ 0.9817	1.4787 0.9326	1.2585	0.9911	Ave		1.0997				20.1		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.0130	3.2183 2.0764	3.0651 1.9783	2.6187	2.0977	Ave		2.4382				21.7		30.0			
Chloromethane	+++++ 0.4596	+++++ 0.4621	0.7070 0.4377	0.6106	0.4765	Ave		0.5256				20.6		30.0			
Vinyl chloride	1.1122 0.5571	0.9543 0.5827	0.8531 0.5559	0.7342	0.5839	Ave		0.7417				28.5		30.0			
n-Butane	+++++ 0.7329	+++++ 0.7708	1.1242 0.7342	0.9619	0.7734	Ave		0.8496				18.8		30.0			
1,3-Butadiene	+++++ 0.3677	0.6965 0.3869	0.5770 0.3681	0.4986	0.3851	Ave		0.4686				27.3		30.0			
Bromomethane	+++++ 0.7000	1.1389 0.7181	1.0622 0.6923	0.9029	0.7197	Ave		0.8477				22.2		30.0			
Chloroethane	+++++ 0.3221	+++++ 0.3348	0.5011 0.3146	0.4259	0.3349	Ave		0.3722				20.1		30.0			
Isopentane	+++++ 0.6570	1.0491 0.6628	1.0259 0.6287	0.8622	0.6724	Ave		0.7940				23.1		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.7404	1.2158 0.7704	1.1053 0.7428	0.9546	0.7759	Ave		0.9007				21.6		30.0			
Trichlorofluoromethane	+++++ 2.2694	3.6720 2.3439	3.5033 2.2231	2.9779	2.3506	Ave		2.7629				22.4		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 Calibration End Date: 08/04/2025 17:49 Calibration ID: 55722

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 1.0211	+++++ 1.0316	1.5030 0.9700	1.3164	1.0497	Ave		1.1486				18.5		30.0			
Ethanol	+++++ 0.2975	+++++ 0.2958	0.3075 0.2838	0.3640	0.3051	Ave		0.3089				9.1		30.0			
Ethyl ether	+++++ 0.4303	0.6409 0.4428	0.6544 0.4239	0.5533	0.4452	Ave		0.5130				19.9		30.0			
Acrolein	+++++ 0.2144	+++++ 0.2142	+++++ 0.1833	0.2667	0.2151	Ave		0.2187				13.7		30.0			
1,1-Dichloroethene	1.3007 0.7862	1.3057 0.8141	1.1566 0.7797	1.0093	0.8091	Ave		0.9952				23.2		30.0			
Freon TF	+++++ 1.7864	2.9074 1.8343	2.7363 1.7542	2.3311	1.8359	Ave		2.1694				22.5		30.0			
Acetone	+++++ 0.9689	+++++ 0.9893	+++++ 0.9407	1.3027	1.0133	Ave		1.0430				14.2		30.0			
Isopropyl alcohol	+++++ 0.9477	+++++ 0.9482	+++++ 0.8928	1.2135	0.9808	Ave		0.9966				12.6		30.0			
Carbon disulfide	+++++ 2.1092	+++++ 2.1338	3.1617 2.0112	2.7225	2.1531	Ave		2.3819				19.2		30.0			
Acetonitrile	+++++ 0.4811	+++++ 0.4840	+++++ 0.4573	0.6208	0.4968	Ave		0.5080				12.7		30.0			
3-Chloropropene	+++++ 0.7398	1.2138 0.7592	1.1716 0.7136	0.9490	0.7657	Ave		0.9018				23.6		30.0			
Methylene Chloride	+++++ 0.7330	+++++ 0.7422	1.2160 0.7050	0.9575	0.7519	Ave		0.8509				23.6		30.0			
tert-Butyl alcohol	+++++ 1.3577	+++++ 1.3986	+++++ 1.3277	1.7043	1.4040	Ave		1.4385				10.6		30.0			
Acrylonitrile	+++++ 0.4216	+++++ 0.4344	0.5575 0.4152	0.5365	0.4335	Ave		0.4664				13.5		30.0			
trans-1,2-Dichloroethene	1.7103 0.9853	1.5184 1.0118	1.4404 0.9615	1.2852	1.0182	Ave		1.2414				23.3		30.0			
Methyl tert-butyl ether	+++++ 2.0909	3.2623 2.1635	3.0981 2.0908	2.6814	2.1727	Ave		2.5085				20.1		30.0			
n-Hexane	+++++ 0.9624	1.4872 0.9816	1.3833 0.9374	1.2390	0.9938	Ave		1.1407				19.9		30.0			
1,1-Dichloroethane	2.1037 1.2669	1.9799 1.2926	1.8909 1.2272	1.6483	1.3033	Ave		1.5891				22.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 Calibration End Date: 08/04/2025 17:49 Calibration ID: 55722

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	+++++ 1.2385	+++++ 1.3426	+++++ 1.3155	1.6003	1.2819	Ave		1.3558				10.5		30.0			
Methyl Ethyl Ketone	+++++ 0.3671	+++++ 0.3817	0.6528 0.3702	0.4706	0.3799	Ave		0.4371				25.8		30.0			
cis-1,2-Dichloroethene	1.5827 0.8693	1.3909 0.9001	1.3483 0.8646	1.1076	0.9052	Ave		1.1211				25.3		30.0			
Ethyl acetate	+++++ 0.0695	+++++ 0.0697	+++++ 0.0684	0.0884	0.0683	Ave		0.0729				12.0		30.0			
Tetrahydrofuran	+++++ 0.1463	+++++ 0.1507	+++++ 0.1496	0.1884	0.1532	Ave		0.1577				11.0		30.0			
Chloroform	+++++ 1.7195	2.7451 1.7683	2.5734 1.6970	2.2269	1.7769	Ave		2.0724				21.3		30.0			
1,1,1-Trichloroethane	+++++ 0.3864	0.6018 0.4078	0.5805 0.4104	0.4979	0.4071	Ave		0.4703				19.2		30.0			
Cyclohexane	+++++ 0.2078	0.3182 0.2170	0.3056 0.2172	0.2671	0.2165	Ave		0.2499				18.7		30.0			
Carbon tetrachloride	0.6930 0.4334	0.6360 0.4620	0.6198 0.4648	0.5483	0.4537	Ave		0.5389				18.5		30.0			
Benzene	+++++ 0.4672	0.7329 0.4886	0.7061 0.4813	0.6082	0.4890	Ave		0.5676				20.1		30.0			
1,2-Dichloroethane	+++++ 0.2184	0.3177 0.2278	0.3277 0.2289	0.2820	0.2263	Ave		0.2613				18.0		30.0			
2,2,4-Trimethylpentane	+++++ 0.6433	0.9756 0.6628	0.9496 0.6478	0.8266	0.6681	Ave		0.7677				19.2		30.0			
n-Heptane	+++++ 0.2321	0.3704 0.2403	0.3354 0.2380	0.2973	0.2419	Ave		0.2794				19.9		30.0			
n-Butanol	+++++ 0.0991	+++++ 0.1039	+++++ 0.1034	0.1220	0.1027	Ave		0.1062				8.5		30.0			
Trichloroethene	0.3849 0.2419	0.3625 0.2537	0.3476 0.2582	0.3078	0.2519	Ave		0.3011				19.0		30.0			
1,2-Dichloropropane	+++++ 0.1671	0.2584 0.1732	0.2470 0.1713	0.2149	0.1732	Ave		0.2007				19.5		30.0			
Methyl methacrylate	+++++ 0.1660	+++++ 0.1749	0.2132 0.1765	0.2024	0.1710	Ave		0.1840				10.4		30.0			
1,4-Dioxane	+++++ 0.1021	0.1396 0.1056	0.1376 0.1013	0.1339	0.1058	Ave		0.1180				15.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 Calibration End Date: 08/04/2025 17:49 Calibration ID: 55722

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	+++++ 0.2187	0.3623 0.2404	0.3375 0.2614	0.2829	0.2314	Ave		0.2764				19.8		30.0			
Bromodichloromethane	+++++ 0.3913	0.5782 0.4120	0.5708 0.4056	0.4974	0.4069	Ave		0.4660				17.6		30.0			
cis-1,3-Dichloropropene	+++++ 0.3131	0.4417 0.3304	0.4306 0.3312	0.3905	0.3228	Ave		0.3658				14.8		30.0			
methyl isobutyl ketone	+++++ 0.3198	+++++ 0.3319	0.4024 0.3268	0.3977	0.3266	Ave		0.3509				10.9		30.0			
Toluene	+++++ 0.3891	0.5960 0.4065	0.5648 0.4039	0.5036	0.4049	Ave		0.4670				18.6		30.0			
n-Octane	+++++ 0.3298	0.4714 0.3409	0.4672 0.3359	0.4216	0.3430	Ave		0.3871				16.6		30.0			
trans-1,3-Dichloropropene	+++++ 0.2540	0.3507 0.2698	0.3402 0.2736	0.3189	0.2629	Ave		0.2957				13.5		30.0			
1,1,2-Trichloroethane	+++++ 0.1969	0.3071 0.2042	0.3039 0.2036	0.2540	0.2042	Ave		0.2391				20.6		30.0			
Tetrachloroethene	0.6079 0.3510	0.5752 0.3823	0.5249 0.3927	0.4559	0.3695	Ave		0.4574				21.9		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.3279	+++++ 0.3441	0.3873 0.3371	0.4090	0.3349	Ave		0.3567				9.3		30.0			
Dibromochloromethane	+++++ 0.4908	0.7058 0.5214	0.6709 0.4990	0.6135	0.5037	Ave		0.5722				15.7		30.0			
1,2-Dibromoethane	+++++ 0.3924	0.5948 0.4152	0.5635 0.4166	0.4978	0.4103	Ave		0.4701				17.5		30.0			
Chlorobenzene	+++++ 0.5650	0.9126 0.5923	0.8682 0.5866	0.7320	0.5946	Ave		0.6930				21.1		30.0			
Ethylbenzene	+++++ 0.8758	1.3421 0.9126	1.2843 0.8868	1.1343	0.9108	Ave		1.0495				19.2		30.0			
m,p-Xylene	+++++ 0.3503	0.5112 0.3684	0.5037 0.3662	0.4519	0.3686	Ave		0.4172				16.8		30.0			
n-Nonane	+++++ 0.3421	0.5054 0.3514	0.5010 0.3440	0.4413	0.3558	Ave		0.4059				18.4		30.0			
Xylene, o-	+++++ 0.3412	0.5024 0.3598	0.4846 0.3604	0.4374	0.3551	Ave		0.4058				16.7		30.0			
Styrene	+++++ 0.5621	0.7687 0.5940	0.7515 0.5866	0.7082	0.5893	Ave		0.6515				13.5		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 Calibration End Date: 08/04/2025 17:49 Calibration ID: 55722

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromoform	+++++ 0.4335	0.5884 0.4736	0.5605 0.4013	0.5285	0.4292	Ave		0.4879				14.8		30.0			
Cumene	+++++ 1.0366	1.5294 1.0787	1.4885 1.0309	1.3396	1.0831	Ave		1.2267				17.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.5163	0.7896 0.5353	0.7754 0.5243	0.6659	0.5350	Ave		0.6203				19.7		30.0			
1,2,3-Trichloropropane	+++++ 0.3935	+++++ 0.4083	0.5883 0.4029	0.5097	0.4107	Ave		0.4523				17.5		30.0			
n-Propylbenzene	+++++ 1.2038	1.8059 1.2391	1.7419 1.1489	1.5644	1.2641	Ave		1.4240				19.2		30.0			
2-Chlorotoluene	+++++ 0.7426	1.0987 0.7739	1.0880 0.7469	0.9568	0.7761	Ave		0.8833				18.2		30.0			
4-Ethyltoluene	+++++ 1.0178	1.4774 1.0572	1.4498 0.9981	1.3174	1.0679	Ave		1.1979				17.5		30.0			
1,3,5-Trimethylbenzene	+++++ 0.8647	1.2553 0.9080	1.2356 0.8695	1.1181	0.9079	Ave		1.0227				17.1		30.0			
n-Decane	+++++ 0.4460	+++++ 0.4577	0.6537 0.4427	0.5766	0.4662	Ave		0.5071				17.3		30.0			
Alpha Methyl Styrene	+++++ 0.4755	0.6058 0.5033	0.5939 0.5037	0.5949	0.4929	Ave		0.5386				10.5		30.0			
tert-Butylbenzene	+++++ 0.8747	1.3049 0.9121	1.2731 0.8766	1.1220	0.9099	Ave		1.0390				18.4		30.0			
1,2,4-Trimethylbenzene	+++++ 0.8852	1.2824 0.9180	1.2392 0.8747	1.1387	0.9306	Ave		1.0384				17.0		30.0			
sec-Butylbenzene	+++++ 1.2949	1.9411 1.3322	1.8777 1.1811	1.6761	1.3620	Ave		1.5236				20.0		30.0			
1,3-Dichlorobenzene	+++++ 0.6511	0.9944 0.6912	0.9376 0.6846	0.8397	0.6857	Ave		0.7835				17.8		30.0			
4-Isopropyltoluene	+++++ 1.1310	1.6358 1.1696	1.6022 1.0742	1.4672	1.1815	Ave		1.3231				18.0		30.0			
1,4-Dichlorobenzene	+++++ 0.6486	0.9701 0.6896	0.9263 0.6773	0.8285	0.6770	Ave		0.7739				17.2		30.0			
Benzyl chloride	+++++ 0.7266	1.0041 0.7786	1.0080 0.7493	0.9328	0.7599	Ave		0.8513				14.7		30.0			
n-Butylbenzene	+++++ 1.0584	1.5002 1.0906	1.4428 0.9996	1.3548	1.1094	Ave		1.2223				16.7		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 Calibration End Date: 08/04/2025 17:49 Calibration ID: 55722

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 0.6289	0.9631 0.6651	0.9188 0.6612	0.8120	0.6648	Ave		0.7591				18.2		30.0			
n-Undecane	+++++ 0.5214	+++++ 0.5369	+++++ 0.5148	0.6736	0.5492	Ave		0.5592				11.7		30.0			
n-Dodecane	+++++ 0.5181	+++++ 0.5344	+++++ 0.5176	0.6568	0.5440	Ave		0.5542				10.5		30.0			
1,2,4-Trichlorobenzene	+++++ 0.4492	+++++ 0.4816	0.5263 0.4911	0.5451	0.4793	Ave		0.4954				7.0		30.0			
Hexachlorobutadiene	0.5849 0.3612	0.5075 0.3898	0.4959 0.3997	0.4520	0.3777	Ave		0.4461				17.5		30.0			
Naphthalene	1.4886 0.9911	1.1725 1.0413	1.1838 0.9884	1.2361	1.1007	Ave		1.1503				14.3		30.0			
1,2,3-Trichlorobenzene	+++++ 0.4332	+++++ 0.4677	0.5305 0.4742	0.5326	0.4639	Ave		0.4837				8.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-78914-1 | Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 | Calibration End Date: 08/04/2025 17:49 | Calibration ID: 55722

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-218864/2	66192_002.D
Level 2	IC 200-218864/4	66192_004.D
Level 3	IC 200-218864/5	66192_005.D
Level 4	IC 200-218864/6	66192_006.D
Level 5	ICIS 200-218864/7	66192_007.D
Level 6	IC 200-218864/10	66192_010.D
Level 7	IC 200-218864/11	66192_011.D
Level 8	IC 200-218864/12	66192_012.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 531071	+++++ 752969	+++++ 1502026	188751	372102	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 2473523	+++++ 3503821	113150 7046810	882399	1731576	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Freon 22	BCM	Ave	+++++ 1148053	+++++ 1604659	53131 3223235	412419	796735	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 2418926	51874 3394125	110133 6837093	858157	1686370	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Chloromethane	BCM	Ave	+++++ 552329	+++++ 755390	25404 1512591	200083	383081	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Vinyl chloride	BCM	Ave	3305 669409	15381 952429	30652 1921066	240607	469374	0.0350 15.0	0.200 20.0	0.425 40.0	4.24	10.00
n-Butane	BCM	Ave	+++++ 880657	+++++ 1259936	40395 2537475	315226	621783	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,3-Butadiene	BCM	Ave	+++++ 441884	11226 632496	20733 1272267	163380	309622	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Bromomethane	BCM	Ave	+++++ 841197	18358 1173864	38164 2392736	295879	578615	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Chloroethane	BCM	Ave	+++++ 387061	+++++ 547262	18004 1087297	139559	269260	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Isopentane	BCM	Ave	+++++ 789517	16909 1083375	36862 2172685	282566	540570	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 889646	19597 1259354	39714 2566971	312823	623727	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 2727020	59186 3831317	125877 7683061	975888	1889738	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
n-Pentane	BCM	Ave	+++++ 1226957	+++++ 1686341	54005 3352376	431408	843895	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Ethanol	BCM	Ave	+++++ 477669	+++++ 967072	110629 2452156	238758	368016	+++++ 20.0	+++++ 40.0	4.26 100.0	8.49	15.0

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 Calibration End Date: 08/04/2025 17:49 Calibration ID: 55722

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 517019	10331 723818	23513 1465148	181323	357916	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Acrolein	BCM	Ave	+++++ 301629	+++++ 409990	+++++ 741735	102331	202471	+++++ 17.6	+++++ 23.4	+++++ 46.8	4.97	11.7
1,1-Dichloroethene	BCM	Ave	3865 944752	21046 1330790	41556 2694688	330753	650434	0.0350 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Freon TF	BCM	Ave	+++++ 2146690	46863 2998449	98318 6062424	763937	1475915	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Acetone	BCM	Ave	+++++ 1164331	+++++ 1617166	+++++ 3250925	426922	814655	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Isopropyl alcohol	BCM	Ave	+++++ 1319887	+++++ 1796436	+++++ 3576245	460908	913877	+++++ 17.4	+++++ 23.2	+++++ 46.4	4.92	11.6
Carbon disulfide	BCM	Ave	+++++ 2534569	+++++ 3487935	113602 6950871	892190	1730956	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Acetonitrile	BCM	Ave	+++++ 578111	+++++ 791083	+++++ 1580348	203444	399360	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
3-Chloropropene	BCM	Ave	+++++ 889005	19564 1241080	42098 2466268	310981	615586	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Methylene Chloride	BCM	Ave	+++++ 880842	+++++ 1213132	43693 2436375	313765	604455	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 1631492	+++++ 2286129	+++++ 4588518	558516	1128733	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Acrylonitrile	BCM	Ave	+++++ 506603	+++++ 710082	20031 1434976	175812	348485	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
trans-1,2-Dichloroethene	BCM	Ave	5082 1183999	24474 1653890	51753 3323092	421174	818524	0.0350 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 2512493	52583 3536497	111318 7225886	878715	1746694	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
n-Hexane	BCM	Ave	+++++ 1156464	23972 1604501	49703 3239796	406031	798942	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
1,1-Dichloroethane	BCM	Ave	6251 1522420	31912 2112944	67940 4241187	540146	1047733	0.0350 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Vinyl acetate	BCM	Ave	+++++ 1695126	+++++ 2499767	+++++ 5178403	597346	1173816	+++++ 17.1	+++++ 22.8	+++++ 45.6	4.83	11.4
Methyl Ethyl Ketone	BCM	Ave	+++++ 441180	+++++ 623907	23457 1279531	154208	305433	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
cis-1,2-Dichloroethene	BCM	Ave	4703 1044581	22419 1471322	48445 2987991	362969	727684	0.0350 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Ethyl acetate	BCM	Ave	+++++ 83568	+++++ 113944	+++++ 236467	28975	54869	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Tetrahydrofuran	DFBZ	Ave	+++++	+++++	+++++	301470	594864	+++++	+++++	+++++	4.24	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 Calibration End Date: 08/04/2025 17:49 Calibration ID: 55722

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			856008	1183639	2391337			15.0	20.0	40.0		
Chloroform	BCM	Ave	+++++ 2066274	44247 2890507	92463 5864782	729771	1428481	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 2260916	47565 3202564	101504 6559705	796639	1580276	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Cyclohexane	DFBZ	Ave	+++++ 1215863	25147 1704260	53433 3471046	427354	840675	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Carbon tetrachloride	DFBZ	Ave	9950 2535919	50267 3627652	108382 7428529	877164	1761448	0.0350 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Benzene	DFBZ	Ave	+++++ 2733675	57929 3836778	123463 7693313	973092	1898408	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
1,2-Dichloroethane	DFBZ	Ave	+++++ 1278119	25114 1789134	57310 3658472	451138	878676	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 3764039	77111 5204675	166051 10353407	1322573	2593575	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
n-Heptane	DFBZ	Ave	+++++ 1358109	29280 1887110	58646 3804500	475677	939083	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
n-Butanol	DFBZ	Ave	+++++ 580018	+++++ 815646	+++++ 1652369	195237	398628	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
Trichloroethene	DFBZ	Ave	5526 1415545	28651 1992283	60775 4126563	492535	977774	0.0350 15.0	0.200 20.0	0.425 40.0	4.24	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 977710	20424 1360343	43184 2738488	343842	672427	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 971543	+++++ 1373280	37278 2820818	323761	663834	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 597431	11031 829264	24058 1619257	214235	410665	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Dibromomethane	DFBZ	Ave	+++++ 1279775	28638 1887577	59013 4177586	452682	898178	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 2289577	45698 3235134	99813 6483467	795793	1579578	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 1832262	34914 2594146	75300 5293806	624740	1253304	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
methyl isobutyl ketone	DFBZ	Ave	+++++ 1871491	+++++ 2606132	70361 5223261	636328	1268118	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Toluene	CBNZd5	Ave	+++++ 2111498	42219 2966193	89174 6043426	738070	1450083	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
n-Octane	DFBZ	Ave	+++++ 1929782	37260 2676858	81696 5369140	674596	1331649	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	+++++	27716	59495	510273	1020470	+++++	0.200	0.425	4.24	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-78914-1 | Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 | Calibration End Date: 08/04/2025 17:49 | Calibration ID: 55722

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			1486129	2118605	4373067			15.0	20.0	40.0		
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 1068650	21750 1490218	47990 3045861	372205	731341	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Tetrachloroethene	CBNZd5	Ave	7800 1904603	40745 2789484	82884 5875347	668215	1323271	0.0350 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZd5	Ave	+++++ 1779482	+++++ 2510609	61151 5043362	599440	1199281	+++++ 15.0	+++++ 20.0	0.425 40.0	4.24	10.00
Dibromochloromethane	CBNZd5	Ave	+++++ 2663088	49995 3804785	105936 7465523	899126	1803918	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
1,2-Dibromoethane	CBNZd5	Ave	+++++ 2129414	42129 3029770	88978 6232434	729586	1469445	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Chlorobenzene	CBNZd5	Ave	+++++ 3065836	64644 4321763	137086 8776012	1072773	2129166	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Ethylbenzene	CBNZd5	Ave	+++++ 4752752	95069 6659047	202788 13267558	1662438	3261580	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
m,p-Xylene	CBNZd5	Ave	+++++ 3802214	72427 5377020	159062 10958593	1324659	2640005	+++++ 30.0	0.400 40.0	0.851 80.0	8.49	20.0
n-Nonane	CBNZd5	Ave	+++++ 1856204	35797 2564528	79111 5147215	646816	1274100	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Xylene, o-	CBNZd5	Ave	+++++ 1851314	35588 2625466	76513 5392452	640991	1271485	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Styrene	CBNZd5	Ave	+++++ 3050481	54450 4334710	118657 8776489	1037926	2110480	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Bromoform	CBNZd5	Ave	+++++ 2352275	41681 3455891	88502 6004318	774613	1536854	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
Cumene	CBNZd5	Ave	+++++ 5625302	108335 7871588	235020 15423452	1963272	3878470	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
1,1,2,2-Tetrachloroethane	CBNZd5	Ave	+++++ 2801562	55928 3906473	122429 7845089	975964	1915817	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 Calibration End Date: 08/04/2025 17:49 Calibration ID: 55722

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,3-Trichloropropane	CBNZd5	Ave	+++++	+++++	92895	747025	1470906	+++++	+++++	0.425	4.24	10.00
			2135376	2979424	6027994			15.0	20.0	40.0		
n-Propylbenzene	CBNZd5	Ave	+++++	127921	275041	2292753	4526819	+++++	0.200	0.425	4.24	10.00
			6532540	9041696	17188964			15.0	20.0	40.0		
2-Chlorotoluene	CBNZd5	Ave	+++++	77828	171792	1402182	2779215	+++++	0.200	0.425	4.24	10.00
			4029621	5647557	11175466			15.0	20.0	40.0		
4-Ethyltoluene	CBNZd5	Ave	+++++	104651	228912	1930753	3824341	+++++	0.200	0.425	4.24	10.00
			5523149	7714486	14932906			15.0	20.0	40.0		
1,3,5-Trimethylbenzene	CBNZd5	Ave	+++++	88918	195093	1638622	3251047	+++++	0.200	0.425	4.24	10.00
			4692459	6625926	13009684			15.0	20.0	40.0		
n-Decane	CBNZd5	Ave	+++++	+++++	103214	844968	1669554	+++++	+++++	0.425	4.24	10.00
			2420143	3339662	6623090			15.0	20.0	40.0		
Alpha Methyl Styrene	CBNZd5	Ave	+++++	42912	93776	871882	1764982	+++++	0.200	0.425	4.24	10.00
			2580255	3672419	7536745			15.0	20.0	40.0		
tert-Butylbenzene	CBNZd5	Ave	+++++	92429	201023	1644383	3258434	+++++	0.200	0.425	4.24	10.00
			4746550	6655711	13114716			15.0	20.0	40.0		
1,2,4-Trimethylbenzene	CBNZd5	Ave	+++++	90841	195670	1668897	3332609	+++++	0.200	0.425	4.24	10.00
			4803558	6698889	13086791			15.0	20.0	40.0		
sec-Butylbenzene	CBNZd5	Ave	+++++	137498	296481	2456350	4877466	+++++	0.200	0.425	4.24	10.00
			7026596	9721020	17671177			15.0	20.0	40.0		
1,3-Dichlorobenzene	CBNZd5	Ave	+++++	70438	148038	1230664	2455519	+++++	0.200	0.425	4.24	10.00
			3533020	5043935	10243510			15.0	20.0	40.0		
4-Isopropyltoluene	CBNZd5	Ave	+++++	115873	252973	2150235	4231139	+++++	0.200	0.425	4.24	10.00
			6137203	8534474	16071477			15.0	20.0	40.0		
1,4-Dichlorobenzene	CBNZd5	Ave	+++++	68720	146259	1214169	2424324	+++++	0.200	0.425	4.24	10.00
			3519841	5032358	10133572			15.0	20.0	40.0		
Benzyl chloride	CBNZd5	Ave	+++++	71126	159156	1367135	2721276	+++++	0.200	0.425	4.24	10.00
			3942682	5681513	11211301			15.0	20.0	40.0		

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 Calibration End Date: 08/04/2025 17:49 Calibration ID: 55722

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butylbenzene	CBNZd5	Ave	+++++ 5743403	106264 7958218	227814 14955824	1985548	3972733	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 3412963	68221 4853047	145077 9892254	1190093	2380561	+++++ 15.0	0.200 20.0	0.425 40.0	4.24	10.00
n-Undecane	CBNZd5	Ave	+++++ 2829331	+++++ 3917939	+++++ 7701593	987222	1966554	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
n-Dodecane	CBNZd5	Ave	+++++ 2811649	+++++ 3899892	+++++ 7743557	962569	1948155	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.24	10.00
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 2859185	+++++ 4122174	97476 8618922	937071	2013533	+++++ 17.6	+++++ 23.5	0.499 46.9	4.98	11.7
Hexachlorobutadiene	CBNZd5	Ave	8435 2202797	40407 3196734	88008 6722047	744590	1520133	0.0394 16.9	0.225 22.5	0.478 45.0	4.77	11.2
Naphthalene	CBNZd5	Ave	22709 6394489	98754 9034918	222237 17582665	2153942	4686595	0.0417 17.8	0.238 23.8	0.506 47.6	5.05	11.9
1,2,3-Trichlorobenzene	CBNZd5	Ave	+++++ 2738875	+++++ 3976171	97585 8264642	909407	1935251	+++++ 17.5	+++++ 23.3	0.496 46.6	4.94	11.6

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington | Job No.: 200-78914-1 | Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 | Calibration End Date: 08/04/2025 17:49 | Calibration ID: 55722

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-218864/2	66192_002.D
Level 2	IC 200-218864/4	66192_004.D
Level 3	IC 200-218864/5	66192_005.D
Level 4	IC 200-218864/6	66192_006.D
Level 5	ICIS 200-218864/7	66192_007.D
Level 6	IC 200-218864/10	66192_010.D
Level 7	IC 200-218864/11	66192_011.D
Level 8	IC 200-218864/12	66192_012.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Propylene	+++++ -3.1	+++++ -8.5	+++++	21.2	-2.6	-7.0	30	30		50	30	30
Dichlorodifluoromethane	+++++ -9.7	+++++ -14.1	32.7	13.5	-9.2	-13.2	30	30	50	30	30	30
Freon 22	+++++ -10.7	+++++ -15.2	34.5	14.4	-9.9	-13.1	30	30	50	30	30	30
1,2-Dichlorotetrafluoroethane	+++++ -14.8	32.0 -18.9	25.7	7.4	-14.0	-17.4	30	50 30	30	30	30	30
Chloromethane	+++++ -12.1	+++++ -16.7	34.5	16.2	-9.3	-12.5	30	30	50	30	30	30
Vinyl chloride	50.0 -21.4	28.7 -25.1	15.0	-1.0	-21.3	-24.9	50 30	30 30	30	30	30	30
n-Butane	+++++ -9.3	+++++ -13.6	32.3	13.2	-9.0	-13.7	30	30	50	30	30	30
1,3-Butadiene	+++++ -17.4	48.6 -21.4	23.1	6.4	-17.8	-21.5	30	50 30	30	30	30	30
Bromomethane	+++++ -15.3	34.4 -18.3	25.3	6.5	-15.1	-17.4	30	50 30	30	30	30	30
Chloroethane	+++++ -10.1	+++++ -15.5	34.6	14.4	-10.0	-13.5	30	30	50	30	30	30
Isopentane	+++++ -16.5	32.1 -20.8	29.2	8.6	-15.3	-17.3	30	50 30	30	30	30	30
Bromoethene(Vinyl Bromide)	+++++ -14.5	35.0 -17.5	22.7	6.0	-13.9	-17.8	30	50 30	30	30	30	30
Trichlorofluoromethane	+++++ -15.2	32.9 -19.5	26.8	7.8	-14.9	-17.9	30	50 30	30	30	30	30
n-Pentane	+++++ -10.2	+++++ -15.6	30.9	14.6	-8.6	-11.1	30	30	50	30	30	30
Ethanol	+++++ -4.3	+++++ -8.1	-0.5	17.8	-1.3	-3.7	30	30	50	30	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington | Job No.: 200-78914-1 | Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 | Calibration End Date: 08/04/2025 17:49 | Calibration ID: 55722

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethyl ether	+++++	24.9	27.6	7.9	-13.2	-16.1		50	30	30	30	30
	-13.7	-17.4					30	30				
Acrolein	+++++	+++++	+++++	21.9	-1.7	-2.0				50	30	30
	-2.1	-16.2					30	30				
1,1-Dichloroethene	30.7	31.2 *	16.2	1.4	-18.7	-21.0	50	30	30	30	30	30
	-18.2	-21.7					30	30				
Freon TF	+++++	34.0	26.1	7.5	-15.4	-17.7		50	30	30	30	30
	-15.4	-19.1					30	30				
Acetone	+++++	+++++	+++++	24.9	-2.8	-7.1				50	30	30
	-5.1	-9.8					30	30				
Isopropyl alcohol	+++++	+++++	+++++	21.8	-1.6	-4.9				50	30	30
	-4.9	-10.4					30	30				
Carbon disulfide	+++++	+++++	32.7	14.3	-9.6	-11.4			50	30	30	30
	-10.4	-15.6					30	30				
Acetonitrile	+++++	+++++	+++++	22.2	-2.2	-5.3				50	30	30
	-4.7	-10.0					30	30				
3-Chloropropene	+++++	34.6	29.9	5.2	-15.1	-18.0		50	30	30	30	30
	-15.8	-20.9					30	30				
Methylene Chloride	+++++	+++++	42.9	12.5	-11.6	-13.9			50	30	30	30
	-12.8	-17.2					30	30				
tert-Butyl alcohol	+++++	+++++	+++++	18.5	-2.4	-5.6				50	30	30
	-2.8	-7.7					30	30				
Acrylonitrile	+++++	+++++	19.5	15.0	-7.1	-9.6			50	30	30	30
	-6.9	-11.0					30	30				
trans-1,2-Dichloroethene	37.8	22.3	16.0	3.5	-18.0	-20.6	50	30	30	30	30	30
	-18.5	-22.5					30	30				
Methyl tert-butyl ether	+++++	30.0	23.5	6.9	-13.4	-16.6		50	30	30	30	30
	-13.8	-16.7					30	30				
n-Hexane	+++++	30.4	21.3	8.6	-12.9	-15.6		50	30	30	30	30
	-13.9	-17.8					30	30				
1,1-Dichloroethane	32.4	24.6	19.0	3.7	-18.0	-20.3	50	30	30	30	30	30
	-18.7	-22.8					30	30				
Vinyl acetate	+++++	+++++	+++++	18.0	-5.4	-8.7				50	30	30
	-1.0	-3.0					30	30				
Methyl Ethyl Ketone	+++++	+++++	49.4	7.7	-13.1	-16.0			50	30	30	30
	-12.7	-15.3					30	30				
cis-1,2-Dichloroethene	41.2	24.1	20.3	-1.2	-19.3	-22.5	50	30	30	30	30	30
	-19.7	-22.9					30	30				
Ethyl acetate	+++++	+++++	+++++	21.3	-6.3	-4.6				50	30	30
	-4.3	-6.1					30	30				
Tetrahydrofuran	+++++	+++++	+++++	19.5	-2.8	-7.2				50	30	30
	-4.4	-5.1					30	30				

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 Calibration End Date: 08/04/2025 17:49 Calibration ID: 55722

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Chloroform	+++++ -14.7	32.5 -18.1	24.2	7.5	-14.3	-17.0	30	50 30	30	30	30	30
1,1,1-Trichloroethane	+++++ -13.3	28.0 -12.7	23.4	5.9	-13.4	-17.8	30	50 30	30	30	30	30
Cyclohexane	+++++ -13.2	27.3 -13.1	22.3	6.9	-13.4	-16.9	30	50 30	30	30	30	30
Carbon tetrachloride	28.6 -14.3	18.0 -13.7	15.0	1.7	-15.8	-19.6	50 30	30 30	30	30	30	30
Benzene	+++++ -13.9	29.1 -15.2	24.4	7.2	-13.8	-17.7	30	50 30	30	30	30	30
1,2-Dichloroethane	+++++ -12.8	21.6 -12.4	25.4	7.9	-13.4	-16.4	30	50 30	30	30	30	30
2,2,4-Trimethylpentane	+++++ -13.7	27.1 -15.6	23.7	7.7	-13.0	-16.2	30	50 30	30	30	30	30
n-Heptane	+++++ -14.0	32.6 -14.8	20.1	6.4	-13.4	-16.9	30	50 30	30	30	30	30
n-Butanol	+++++ -2.2	+++++ -2.7	+++++	14.9	-3.3	-6.7	30	30		50	30	30
Trichloroethene	27.8 -15.7	20.4 -14.2	15.4	2.3	-16.3	-19.6	50 30	30 30	30	30	30	30
1,2-Dichloropropane	+++++ -13.7	28.7 -14.6	23.0	7.1	-13.7	-16.8	30	50 30	30	30	30	30
Methyl methacrylate	+++++ -4.9	+++++ -4.1	15.9	10.0	-7.1	-9.8	30	30	50	30	30	30
1,4-Dioxane	+++++ -10.5	18.3 -14.1	16.6	13.5	-10.3	-13.5	30	50 30	30	30	30	30
Dibromomethane	+++++ -13.0	31.1 -5.4	22.1	2.4	-16.3	-20.9	30	50 30	30	30	30	30
Bromodichloromethane	+++++ -11.6	24.1 -13.0	22.5	6.7	-12.7	-16.0	30	50 30	30	30	30	30
cis-1,3-Dichloropropene	+++++ -9.7	20.8 -9.4	17.7	6.8	-11.7	-14.4	30	50 30	30	30	30	30
methyl isobutyl ketone	+++++ -5.4	+++++ -6.9	14.7	13.4	-6.9	-8.8	30	30	50	30	30	30
Toluene	+++++ -13.0	27.6 -13.5	20.9	7.8	-13.3	-16.7	30	50 30	30	30	30	30
n-Octane	+++++ -11.9	21.8 -13.2	20.7	8.9	-11.4	-14.8	30	50 30	30	30	30	30
trans-1,3-Dichloropropene	+++++ -8.8	18.6 -7.5	15.1	7.8	-11.1	-14.1	30	50 30	30	30	30	30
1,1,2-Trichloroethane	+++++ -14.6	28.4 -14.9	27.1	6.2	-14.6	-17.6	30	50 30	30	30	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 Calibration End Date: 08/04/2025 17:49 Calibration ID: 55722

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Tetrachloroethene	32.9 -16.4	25.7 -14.2	14.8	-0.3	-19.2	-23.3	50 30	30 30	30	30	30	30
Methyl Butyl Ketone (2-Hexanone)	+++++ -3.5	+++++ -5.5	8.6	14.7	-6.1	-8.1	 30	 30	50	30	30	30
Dibromochloromethane	+++++ -8.9	23.4 -12.8	17.3	7.2	-12.0	-14.2	 30	50 30	30	30	30	30
1,2-Dibromoethane	+++++ -11.7	26.5 -11.4	19.9	5.9	-12.7	-16.5	 30	50 30	30	30	30	30
Chlorobenzene	+++++ -14.5	31.7 -15.4	25.3	5.6	-14.2	-18.5	 30	50 30	30	30	30	30
Ethylbenzene	+++++ -13.1	27.9 -15.5	22.4	8.1	-13.2	-16.5	 30	50 30	30	30	30	30
m,p-Xylene	+++++ -11.7	22.5 -12.2	20.7	8.3	-11.6	-16.0	 30	50 30	30	30	30	30
n-Nonane	+++++ -13.4	24.5 -15.2	23.4	8.7	-12.3	-15.7	 30	50 30	30	30	30	30
Xylene, o-	+++++ -11.3	23.8 -11.2	19.4	7.8	-12.5	-15.9	 30	50 30	30	30	30	30
Styrene	+++++ -8.8	18.0 -10.0	15.3	8.7	-9.5	-13.7	 30	50 30	30	30	30	30
Bromoform	+++++ -2.9	20.6 -17.7	14.9	8.3	-12.0	-11.1	 30	50 30	30	30	30	30
Cumene	+++++ -12.1	24.7 -16.0	21.3	9.2	-11.7	-15.5	 30	50 30	30	30	30	30
1,1,2,2-Tetrachloroethane	+++++ -13.7	27.3 -15.5	25.0	7.4	-13.7	-16.8	 30	50 30	30	30	30	30
1,2,3-Trichloropropane	+++++ -9.7	+++++ -10.9	30.1	12.7	-9.2	-13.0	 30	 30	50	30	30	30
n-Propylbenzene	+++++ -13.0	26.8 -19.3	22.3	9.9	-11.2	-15.5	 30	50 30	30	30	30	30
2-Chlorotoluene	+++++ -12.4	24.4 -15.4	23.2	8.3	-12.1	-15.9	 30	50 30	30	30	30	30
4-Ethyltoluene	+++++ -11.7	23.3 -16.7	21.0	10.0	-10.9	-15.0	 30	50 30	30	30	30	30
1,3,5-Trimethylbenzene	+++++ -11.2	22.7 -15.0	20.8	9.3	-11.2	-15.4	 30	50 30	30	30	30	30
n-Decane	+++++ -9.8	+++++ -12.7	28.9	13.7	-8.1	-12.1	 30	 30	50	30	30	30
Alpha Methyl Styrene	+++++ -6.6	12.5 -6.5	10.3	10.5	-8.5	-11.7	 30	50 30	30	30	30	30
tert-Butylbenzene	+++++ -12.2	25.6 -15.6	22.5	8.0	-12.4	-15.8	 30	50 30	30	30	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 218864

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2025 09:14 Calibration End Date: 08/04/2025 17:49 Calibration ID: 55722

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
1,2,4-Trimethylbenzene	+++++ -11.6	23.5 -15.8	19.3	9.7	-10.4	-14.8	30	50 30	30	30	30	30
sec-Butylbenzene	+++++ -12.6	27.4 -22.5	23.2	10.0	-10.6	-15.0	30	50 30	30	30	30	30
1,3-Dichlorobenzene	+++++ -11.8	26.9 -12.6	19.7	7.2	-12.5	-16.9	30	50 30	30	30	30	30
4-Isopropyltoluene	+++++ -11.6	23.6 -18.8	21.1	10.9	-10.7	-14.5	30	50 30	30	30	30	30
1,4-Dichlorobenzene	+++++ -10.9	25.4 -12.5	19.7	7.0	-12.5	-16.2	30	50 30	30	30	30	30
Benzyl chloride	+++++ -8.5	17.9 -12.0	18.4	9.6	-10.7	-14.7	30	50 30	30	30	30	30
n-Butylbenzene	+++++ -10.8	22.7 -18.2	18.0	10.8	-9.2	-13.4	30	50 30	30	30	30	30
1,2-Dichlorobenzene	+++++ -12.4	26.9 -12.9	21.0	7.0	-12.4	-17.1	30	50 30	30	30	30	30
n-Undecane	+++++ -4.0	+++++ -7.9	+++++	20.5	-1.8	-6.8	30	30		50	30	30
n-Dodecane	+++++ -3.6	+++++ -6.6	+++++	18.5	-1.8	-6.5	30	30		50	30	30
1,2,4-Trichlorobenzene	+++++ -2.8	+++++ -0.9	6.2	10.0	-3.2	-9.3	30	30	50	30	30	30
Hexachlorobutadiene	31.1 -12.6	13.8 -10.4	11.2	1.3	-15.3	-19.0	50 30	30 30	30	30	30	30
Naphthalene	29.4 -9.5	1.9 -14.1	2.9	7.5	-4.3	-13.8	50 30	30 30	30	30	30	30
1,2,3-Trichlorobenzene	+++++ -3.3	+++++ -2.0	9.7	10.1	-4.1	-10.4	30	30	50	30	30	30

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_002.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 04-Aug-2025 09:14:42 ALS Bottle#: 3 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066192-002
Operator ID: wrd Instrument ID: CHAN.i
Sublist: chrom-TO15_TO3_Master_Method_AN*sub1

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 05-Aug-2025 06:55:51 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1713

First Level Reviewer: BKZ7 Date: 04-Aug-2025 10:14:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.364	4.364	0.000	86	3111	0.0350	0.0772	
2 Dichlorodifluoromethane	85	4.465	4.460	0.005	99	10459	0.0350	0.0520	
3 Chlorodifluoromethane	51	4.498	4.497	0.001	96	5389	0.0350	0.0578	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.813	4.818	-0.005	88	10218	0.0350	0.0494	
5 Chloromethane	50	4.936	4.931	0.005	64	2472	0.0350	0.0554	
6 Vinyl chloride	62	5.236	5.225	0.011	34	3305	0.0350	0.0525	
7 Butane	43	5.220	5.230	-0.010	61	5285	0.0350	0.0733	
8 Butadiene	54	5.348	5.337	0.011	74	2991	0.0350	0.0753	M
9 Bromomethane	94	6.060	6.054	0.006	96	3643	0.0350	0.0507	
10 Chloroethane	64	6.327	6.322	0.005	1	1773	0.0350	0.0562	
12 2-Methylbutane	43	6.541	6.541	0.000	82	4305	0.0350	0.0639	
13 Vinyl bromide	106	6.739	6.739	0.000	97	4103	0.0350	0.0537	
14 Trichlorofluoromethane	101	6.905	6.905	0.000	95	11131	0.0350	0.0475	
15 Pentane	43	7.114	7.113	0.001	93	5167	0.0350	0.0530	
16 Ethanol	45	7.285	7.242	0.043	95	8217	0.3507	0.3136	
18 Ethyl ether	59	7.525	7.515	0.010	38	1647	0.0350	0.0379	
19 Acrolein	56	7.772	7.734	0.038	1	1354	0.0410	0.0730	
20 1,1-Dichloroethene	96	7.953	7.953	0.000	91	3865	0.0350	0.0458	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.007	8.002	0.005	95	9197	0.0350	0.0500	
22 Acetone	43	8.055	8.007	0.048	72	9191	0.0350	0.1039	
23 Isopropyl alcohol	45	8.339	8.285	0.054	40	4496	0.0406	0.0532	
24 Carbon disulfide	76	8.355	8.355	0.000	100	10573	0.0350	0.0523	
25 Acetonitrile	41		8.488				ND	ND	
26 3-Chloro-1-propene	41	8.638	8.633	0.005	92	3764	0.0350	0.0492	
27 Methylene Chloride	49	8.863	8.857	0.006	83	6439	0.0350	0.0892	
28 2-Methyl-2-propanol	59	9.072	9.050	0.022	95	5121	0.0350	0.0420	
29 Acrylonitrile	53	9.275	9.237	0.038	14	593	0.0350	0.0150	
30 trans-1,2-Dichloroethene	61	9.355	9.366	-0.011	89	5082	0.0350	0.0483	
31 Methyl tert-butyl ether	73	9.387	9.371	0.016	95	10124	0.0350	0.0476	
32 Hexane	57	9.890	9.890	0.000	81	4915	0.0350	0.0508	
33 1,1-Dichloroethane	63	10.115	10.115	0.000	96	6251	0.0350	0.0464	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	9.885	10.120	-0.235	66	3697	0.0399	0.0321	
S 35 1,2-Dichloroethene, Total	61				0		0.0701	0.0977	
36 2-Butanone (MEK)	72	11.104	11.062	0.042	74	1230	0.0350	0.0332	
37 cis-1,2-Dichloroethene	96	11.115	11.104	0.011	85	4703	0.0350	0.0495	
38 Ethyl acetate	88		11.163				ND	ND	
* 39 Chlorobromomethane	128	11.506	11.511	-0.005	75	848220	10.0	10.0	
40 Tetrahydrofuran	42	11.586	11.554	0.032	68	3765	0.0350	0.0583	
41 Chloroform	83	11.688	11.682	0.006	98	6173	0.0350	0.0351	
42 1,1,1-Trichloroethane	97	11.998	12.003	-0.005	98	9012	0.0350	0.0468	
43 Cyclohexane	84	12.153	12.158	-0.005	94	3350	0.0350	0.0327	
44 Carbon tetrachloride	117	12.292	12.287	0.005	98	9950	0.0350	0.0451	
45 Benzene	78	12.635	12.624	0.011	95	11669	0.0350	0.0502	
46 1,2-Dichloroethane	62		12.683				ND	ND	
47 Isooctane	57		12.859				ND	ND	
48 n-Heptane	43	13.175	13.164	0.011	82	6174	0.0350	0.0539	
* 49 1,4-Difluorobenzene	114	13.346	13.346	0.000	94	4098555	10.0	10.0	
50 n-Butanol	56	13.640	13.544	0.096	6	608	0.0350	0.0140	
51 Trichloroethene	95	13.785	13.790	-0.005	93	5526	0.0350	0.0448	
53 1,2-Dichloropropane	63	14.223	14.229	-0.006	54	2728	0.0350	0.0332	
54 Methyl methacrylate	69		14.320				ND	ND	
55 1,4-Dioxane	88	14.373	14.357	0.016	42	2096	0.0350	0.0433	
57 Dibromomethane	174	14.384	14.384	0.000	93	7147	0.0350	0.0631	
58 Dichlorobromomethane	83	14.694	14.689	0.005	98	9170	0.0350	0.0480	
59 cis-1,3-Dichloropropene	75	15.502	15.497	0.005	95	6208	0.0350	0.0414	
61 4-Methyl-2-pentanone (MIBK)	43	15.764	15.748	0.016	68	4708	0.0350	0.0327	
62 Toluene	92	16.149	16.144	0.005	92	8864	0.0350	0.0518	
A 63 Toluene Range	1	16.149	(16.074-16.224)		0	30440	NC	NC	
A 65 C8 Range	1	16.417	(16.336-16.497)		0	16783	NC	NC	
64 n-Octane	43	16.417	16.417	0.000	83	7352	0.0350	0.0463	
66 trans-1,3-Dichloropropene	75	16.545	16.540	0.005	59	2274	0.0350	0.0188	
67 1,1,2-Trichloroethane	83		16.914				ND	ND	
68 Tetrachloroethene	166	17.144	17.144	0.000	93	7800	0.0350	0.0466	
69 2-Hexanone	43	17.342	17.321	0.021	1	737	0.0350	0.005641	
70 Chlorodibromomethane	129	17.658	17.653	0.006	95	9688	0.0350	0.0462	
71 Ethylene Dibromide	107	17.899	17.893	0.006	96	7259	0.0350	0.0422	
* 73 Chlorobenzene-d5	117	18.808	18.813	-0.005	85	3662619	10.0	10.0	
74 Chlorobenzene	112	18.867	18.872	-0.005	83	13296	0.0350	0.0524	
75 Ethylbenzene	91	19.065	19.065	0.000	98	18740	0.0350	0.0488	
76 m-Xylene & p-Xylene	106	19.327	19.327	0.000	0	9392	0.0701	0.0615	
77 n-Nonane	57	19.407	19.413	-0.006	84	6352	0.0350	0.0427	
S 80 Xylenes, Total	106				0		0.1051	0.1067	
78 o-Xylene	106	20.097	20.103	-0.006	97	6725	0.0350	0.0452	
79 Styrene	104	20.135	20.135	0.000	89	8364	0.0350	0.0351	
81 Bromoform	173	20.467	20.461	0.006	95	8133	0.0350	0.0455	
82 Isopropylbenzene	105	20.804	20.793	0.011	98	20348	0.0350	0.0453	
83 1,1,2,2-Tetrachloroethane	83	21.290	21.290	0.000	98	10127	0.0350	0.0446	
84 1,2,3-Trichloropropane	75	21.392	21.387	0.005	93	8343	0.0350	0.0504	
85 N-Propylbenzene	91	21.510	21.510	0.000	98	24635	0.0350	0.0472	
86 2-Chlorotoluene	91	21.654	21.654	0.000	96	15629	0.0350	0.0483	
87 4-Ethyltoluene	105	21.702	21.708	-0.006	97	19244	0.0350	0.0439	
88 1,3,5-Trimethylbenzene	105	21.799	21.799	0.000	94	16641	0.0350	0.0444	
89 n-Decane	57	21.841	21.847	-0.006	94	8532	0.0350	0.0459	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.130	22.125	0.005	87	7464	0.0350	0.0378	
91 tert-Butylbenzene	119	22.280	22.280	0.000	96	18222	0.0350	0.0479	
92 1,2,4-Trimethylbenzene	105	22.371	22.366	0.005	97	16548	0.0350	0.0435	
93 sec-Butylbenzene	105	22.607	22.606	0.000	98	25152	0.0350	0.0451	
94 1,3-Dichlorobenzene	146	22.778	22.772	0.006	97	13510	0.0350	0.0471	
95 4-Isopropyltoluene	119	22.820	22.820	0.000	97	21477	0.0350	0.0443	
96 1,4-Dichlorobenzene	146	22.917	22.911	0.006	95	14376	0.0350	0.0507	
97 Benzyl chloride	91	23.056	23.050	0.006	98	11817	0.0350	0.0379	
98 n-Butylbenzene	91	23.377	23.377	0.000	98	17079	0.0350	0.0382	
99 1,2-Dichlorobenzene	146	23.404	23.398	0.006	98	14034	0.0350	0.0505	
100 Undecane	57	23.537	23.537	0.000	93	8921	0.0350	0.0436	
101 Dodecane	57	25.116	25.115	0.001	91	8472	0.0350	0.0417	
102 1,2,4-Trichlorobenzene	180	25.843	25.832	0.011	81	9730	0.0411	0.0536	
103 Hexachlorobutadiene	225	26.089	26.089	0.000	92	8435	0.0394	0.0516	
104 Naphthalene	128	26.298	26.303	-0.005	98	22709	0.0417	0.0539	
105 1,2,3-Trichlorobenzene	180	26.715	26.715	0.000	93	11516	0.0408	0.0650	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL2w_00359	Amount Added: 14.00	Units: mL	
ATTO15CISs_00012	Amount Added: 20.00	Units: mL	Run Reagent

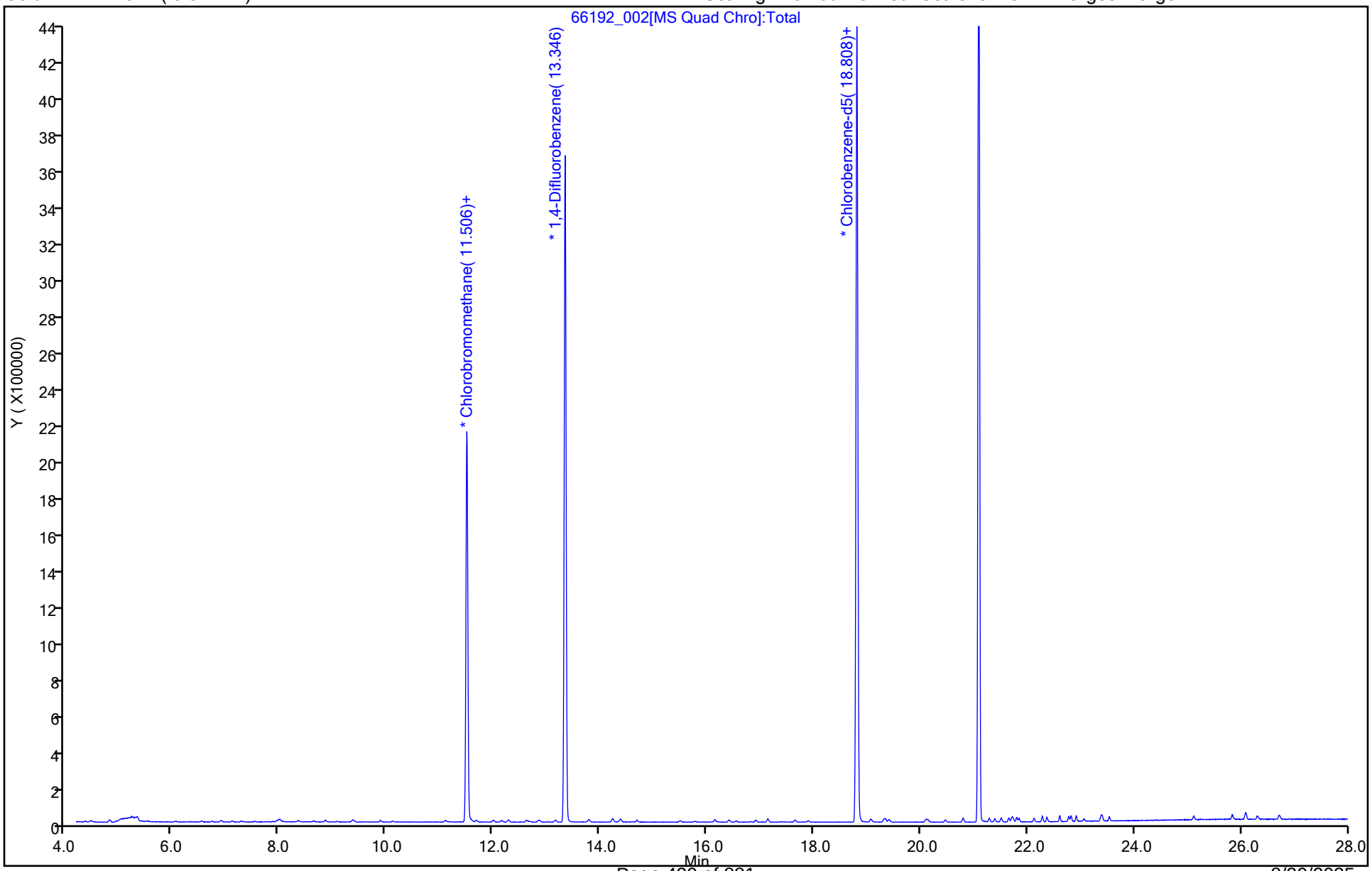
Report Date: 05-Aug-2025 06:55:51 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_002.D

Injection Date:	04-Aug-2025 09:14:42	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	2
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

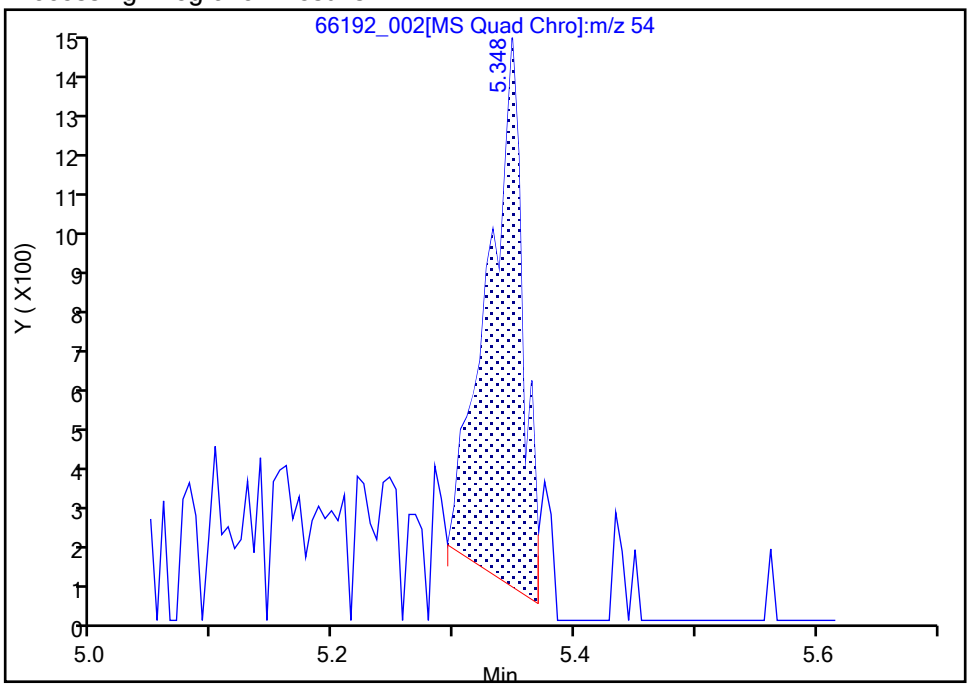
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_002.D				
Injection Date:	04-Aug-2025 09:14:42	Instrument ID:	CHAN.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	3	Worklist Smp#:	2
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

8 Butadiene, CAS: 106-99-0

Signal: 1

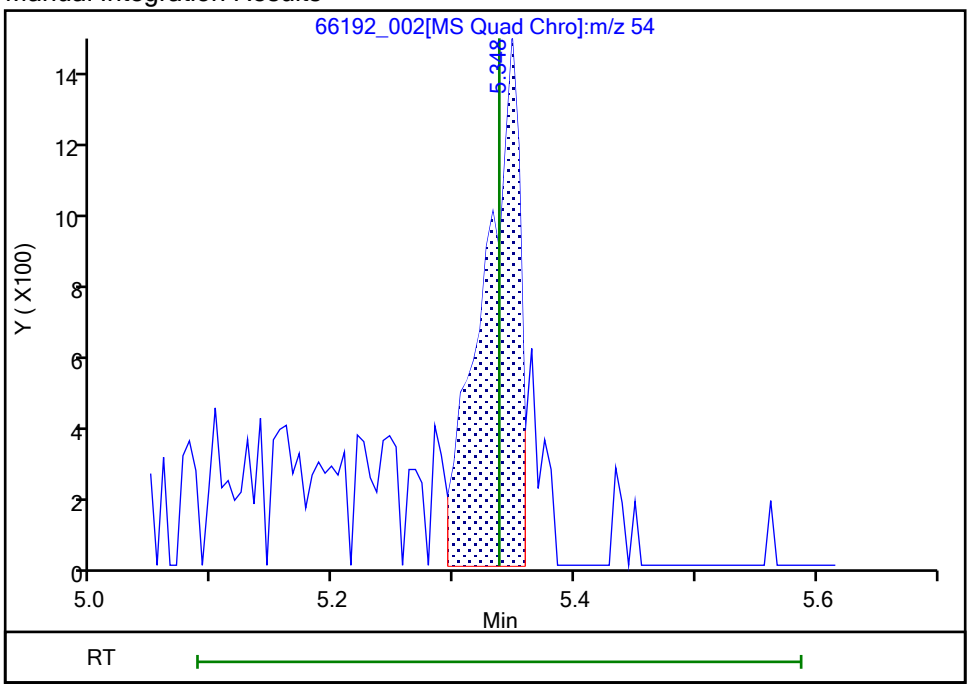
Processing Integration Results

RT: 5.35
Area: 2705
Amount: 0.035032
Amount Units: ppb v/v



Manual Integration Results

RT: 5.35
Area: 2991
Amount: 0.075255
Amount Units: ppb v/v



Reviewer: BKZ7, 04-Aug-2025 10:14:22 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_004.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 04-Aug-2025 10:57:56 ALS Bottle#: 5 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066192-004
Operator ID: wrd Instrument ID: CHAN.i
Sublist: chrom-TO15_TO3_Master_Method_AN*sub1

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 05-Aug-2025 06:55:52 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1713

First Level Reviewer: BKZ7 Date: 04-Aug-2025 14:11:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.369	4.364	0.005	96	12441	0.2002	0.3251	
2 Dichlorodifluoromethane	85	4.465	4.460	0.005	98	53919	0.2002	0.2822	
3 Chlorodifluoromethane	51	4.503	4.497	0.006	95	25376	0.2002	0.2866	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.818	4.818	0.000	90	51874	0.2002	0.2642	
5 Chloromethane	50	4.936	4.931	0.005	99	13230	0.2002	0.3126	
6 Vinyl chloride	62	5.225	5.225	0.000	94	15381	0.2002	0.2576	
7 Butane	43	5.230	5.230	0.000	95	21031	0.2002	0.3074	
8 Butadiene	54	5.343	5.337	0.006	95	11226	0.2002	0.2975	
9 Bromomethane	94	6.054	6.054	0.000	96	18358	0.2002	0.2689	
10 Chloroethane	64	6.322	6.322	0.000	98	8966	0.2002	0.2992	
12 2-Methylbutane	43	6.541	6.541	0.000	87	16909	0.2002	0.2645	
13 Vinyl bromide	106	6.739	6.739	0.000	97	19597	0.2002	0.2702	
14 Trichlorofluoromethane	101	6.905	6.905	0.000	97	59186	0.2002	0.2660	
15 Pentane	43	7.113	7.113	0.000	96	27202	0.2002	0.2941	M
16 Ethanol	45	7.263	7.242	0.021	97	51096	2.00	2.05	
18 Ethyl ether	59	7.525	7.515	0.010	88	10331	0.2002	0.2501	
19 Acrolein	56	7.755	7.734	0.021	87	5739	0.2344	0.3259	
20 1,1-Dichloroethene	96	7.953	7.953	0.000	96	21046	0.2002	0.2626	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.002	8.002	0.000	97	46863	0.2002	0.2683	
22 Acetone	43	8.028	8.007	0.021	100	32623	0.2002	0.3885	
23 Isopropyl alcohol	45	8.312	8.285	0.027	97	25329	0.2320	0.3156	
24 Carbon disulfide	76	8.360	8.355	0.005	99	53680	0.2002	0.2799	
25 Acetonitrile	41	8.515	8.488	0.027	98	9980	0.2002	0.2440	
26 3-Chloro-1-propene	41	8.643	8.633	0.010	97	19564	0.2002	0.2694	
27 Methylene Chloride	49	8.857	8.857	0.000	89	22056	0.2002	0.3219	
28 2-Methyl-2-propanol	59	9.082	9.050	0.032	98	30228	0.2002	0.2610	
29 Acrylonitrile	53	9.264	9.237	0.027	88	8989	0.2002	0.2393	M
30 trans-1,2-Dichloroethene	61	9.366	9.366	0.000	93	24474	0.2002	0.2449	
31 Methyl tert-butyl ether	73	9.382	9.371	0.011	96	52583	0.2002	0.2603	
32 Hexane	57	9.885	9.890	-0.005	91	23972	0.2002	0.2610	M
33 1,1-Dichloroethane	63	10.115	10.115	0.000	99	31912	0.2002	0.2494	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.147	10.120	0.027	99	22998	0.2280	0.2107	M
S 35 1,2-Dichloroethene, Total	61				0		0.4004	0.4932	
36 2-Butanone (MEK)	72	11.083	11.062	0.021	97	9791	0.2002	0.2782	
37 cis-1,2-Dichloroethene	96	11.104	11.104	0.000	91	22419	0.2002	0.2484	
38 Ethyl acetate	88	11.185	11.163	0.022	99	1249	0.2002	0.2129	
* 39 Chlorobromomethane	128	11.511	11.511	0.000	76	805190	10.0	10.0	
40 Tetrahydrofuran	42	11.575	11.554	0.021	87	17109	0.2002	0.2748	M
41 Chloroform	83	11.688	11.682	0.006	96	44247	0.2002	0.2652	
42 1,1,1-Trichloroethane	97	12.009	12.003	0.005	96	47565	0.2002	0.2562	
43 Cyclohexane	84	12.153	12.158	-0.005	91	25147	0.2002	0.2548	
44 Carbon tetrachloride	117	12.292	12.287	0.005	98	50267	0.2002	0.2363	
45 Benzene	78	12.629	12.624	0.005	95	57929	0.2002	0.2585	
46 1,2-Dichloroethane	62	12.677	12.683	-0.006	91	25114	0.2002	0.2434	
47 Isooctane	57	12.864	12.859	0.005	98	77111	0.2002	0.2544	
48 n-Heptane	43	13.175	13.164	0.011	91	29280	0.2002	0.2655	
* 49 1,4-Difluorobenzene	114	13.346	13.346	0.000	94	3948397	10.0	10.0	
50 n-Butanol	56	13.576	13.544	0.032	94	10772	0.2002	0.2569	
51 Trichloroethene	95	13.785	13.790	-0.005	97	28651	0.2002	0.2410	
53 1,2-Dichloropropane	63	14.223	14.229	-0.006	80	20424	0.2002	0.2577	
54 Methyl methacrylate	69	14.330	14.320	0.010	82	15840	0.2002	0.2180	
55 1,4-Dioxane	88	14.373	14.357	0.016	52	11031	0.2002	0.2368	
57 Dibromomethane	174	14.384	14.384	0.000	94	28638	0.2002	0.2624	
58 Dichlorobromomethane	83	14.694	14.689	0.005	98	45698	0.2002	0.2484	
59 cis-1,3-Dichloropropene	75	15.497	15.497	0.000	93	34914	0.2002	0.2418	
61 4-Methyl-2-pentanone (MIBK)	43	15.759	15.748	0.011	97	32176	0.2002	0.2323	
62 Toluene	92	16.149	16.144	0.005	93	42219	0.2002	0.2555	
A 63 Toluene Range	1	16.149	(16.074-16.224)		0	184249	NC	NC	
A 65 C8 Range	1	16.417	(16.336-16.497)		0	173149	NC	NC	
64 n-Octane	43	16.417	16.417	0.000	87	37260	0.2002	0.2438	
66 trans-1,3-Dichloropropene	75	16.545	16.540	0.005	97	27716	0.2002	0.2374	
67 1,1,2-Trichloroethane	83	16.914	16.914	0.000	97	21750	0.2002	0.2570	
68 Tetrachloroethene	166	17.139	17.144	-0.005	95	40745	0.2002	0.2517	
69 2-Hexanone	43	17.332	17.321	0.011	91	26805	0.2002	0.2124	
70 Chlorodibromomethane	129	17.647	17.653	-0.005	96	49995	0.2002	0.2469	
71 Ethylene Dibromide	107	17.899	17.893	0.006	97	42129	0.2002	0.2533	
* 73 Chlorobenzene-d5	117	18.808	18.813	-0.005	85	3538525	10.0	10.0	
74 Chlorobenzene	112	18.867	18.872	-0.005	96	64644	0.2002	0.2636	
75 Ethylbenzene	91	19.070	19.065	0.005	98	95069	0.2002	0.2560	
76 m-Xylene & p-Xylene	106	19.332	19.327	0.005	0	72427	0.4004	0.4906	
77 n-Nonane	57	19.407	19.413	-0.006	86	35797	0.2002	0.2493	
S 80 Xylenes, Total	106				0		0.6005	0.7384	
78 o-Xylene	106	20.097	20.103	-0.006	99	35588	0.2002	0.2478	
79 Styrene	104	20.129	20.135	-0.006	96	54450	0.2002	0.2362	
81 Bromoform	173	20.467	20.461	0.005	93	41681	0.2002	0.2414	
82 Isopropylbenzene	105	20.798	20.793	0.005	98	108335	0.2002	0.2496	
83 1,1,2,2-Tetrachloroethane	83	21.285	21.290	-0.005	98	55928	0.2002	0.2548	
84 1,2,3-Trichloropropane	75	21.392	21.387	0.005	97	43939	0.2002	0.2746	
85 N-Propylbenzene	91	21.510	21.510	0.000	99	127921	0.2002	0.2539	
86 2-Chlorotoluene	91	21.649	21.654	-0.005	97	77828	0.2002	0.2490	
87 4-Ethyltoluene	105	21.708	21.708	0.000	99	104651	0.2002	0.2469	
88 1,3,5-Trimethylbenzene	105	21.799	21.799	0.000	93	88918	0.2002	0.2457	
89 n-Decane	57	21.841	21.847	-0.006	92	46577	0.2002	0.2596	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.125	22.125	0.000	91	42912	0.2002	0.2252	
91 tert-Butylbenzene	119	22.280	22.280	0.000	94	92429	0.2002	0.2514	
92 1,2,4-Trimethylbenzene	105	22.371	22.366	0.005	98	90841	0.2002	0.2472	
93 sec-Butylbenzene	105	22.606	22.606	0.000	99	137498	0.2002	0.2550	
94 1,3-Dichlorobenzene	146	22.772	22.772	0.000	98	70438	0.2002	0.2541	
95 4-Isopropyltoluene	119	22.820	22.820	0.000	97	115873	0.2002	0.2475	
96 1,4-Dichlorobenzene	146	22.911	22.911	0.000	95	68720	0.2002	0.2509	
97 Benzyl chloride	91	23.056	23.050	0.006	99	71126	0.2002	0.2361	
98 n-Butylbenzene	91	23.377	23.377	0.000	99	106264	0.2002	0.2457	
99 1,2-Dichlorobenzene	146	23.398	23.398	0.000	96	68221	0.2002	0.2540	
100 Undecane	57	23.537	23.537	0.000	92	49645	0.2002	0.2509	
101 Dodecane	57	25.121	25.115	0.006	95	44689	0.2002	0.2279	
102 1,2,4-Trichlorobenzene	180	25.838	25.832	0.006	94	43820	0.2348	0.2500	
103 Hexachlorobutadiene	225	26.084	26.089	-0.005	90	40407	0.2250	0.2560	
104 Naphthalene	128	26.303	26.303	0.000	99	98754	0.2380	0.2426	
105 1,2,3-Trichlorobenzene	180	26.715	26.715	0.000	95	45808	0.2332	0.2676	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL2w_00359	Amount Added: 80.00	Units: mL	
ATTO15CISs_00012	Amount Added: 20.00	Units: mL	Run Reagent

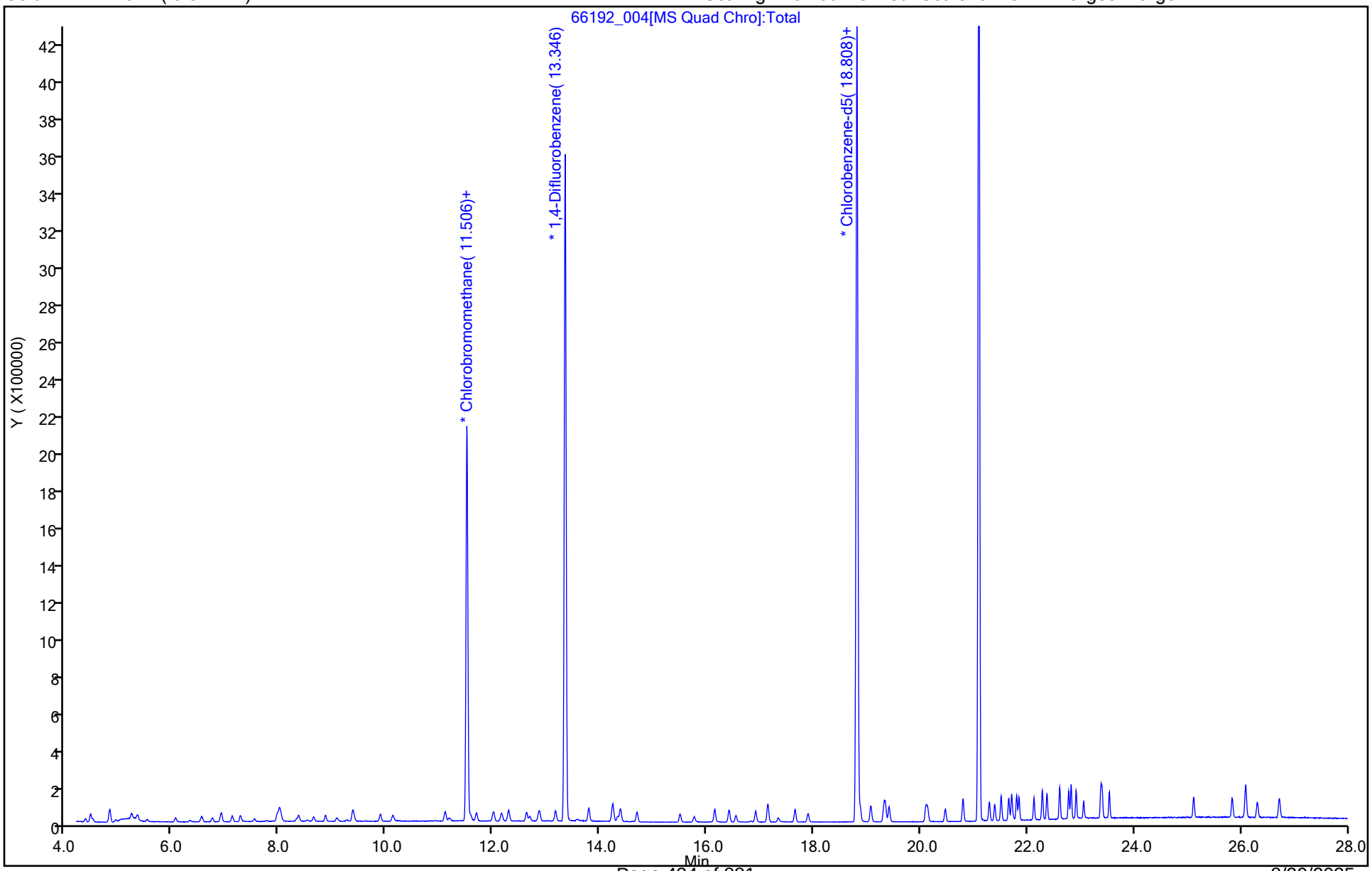
Report Date: 05-Aug-2025 06:55:53 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_004.D

Injection Date:	04-Aug-2025 10:57:56	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

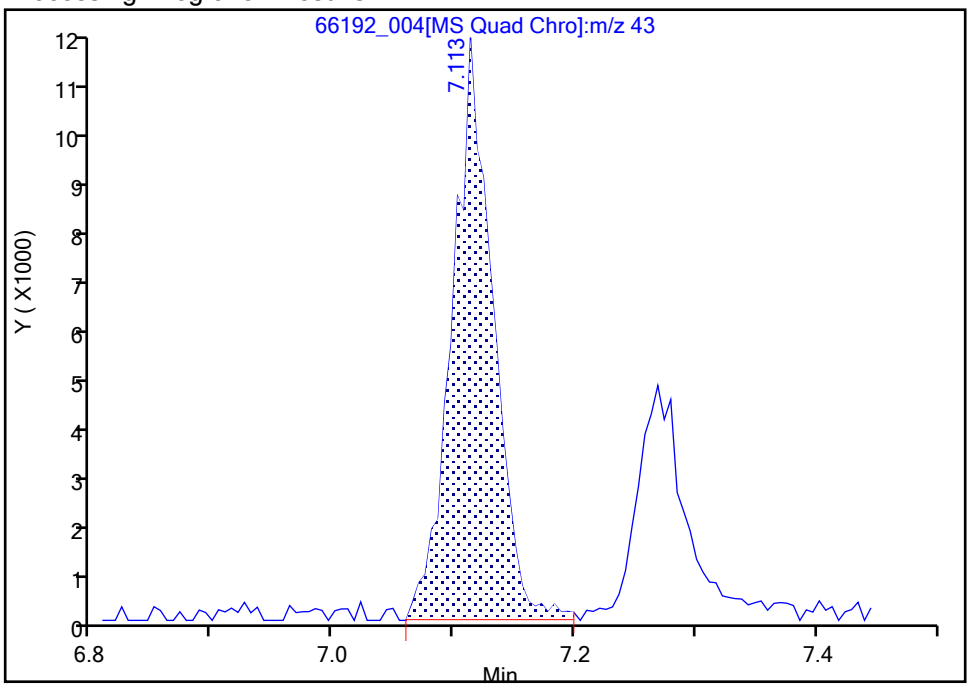
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_004.D				
Injection Date:	04-Aug-2025 10:57:56	Instrument ID:	CHAN.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

15 Pentane, CAS: 109-66-0

Signal: 1

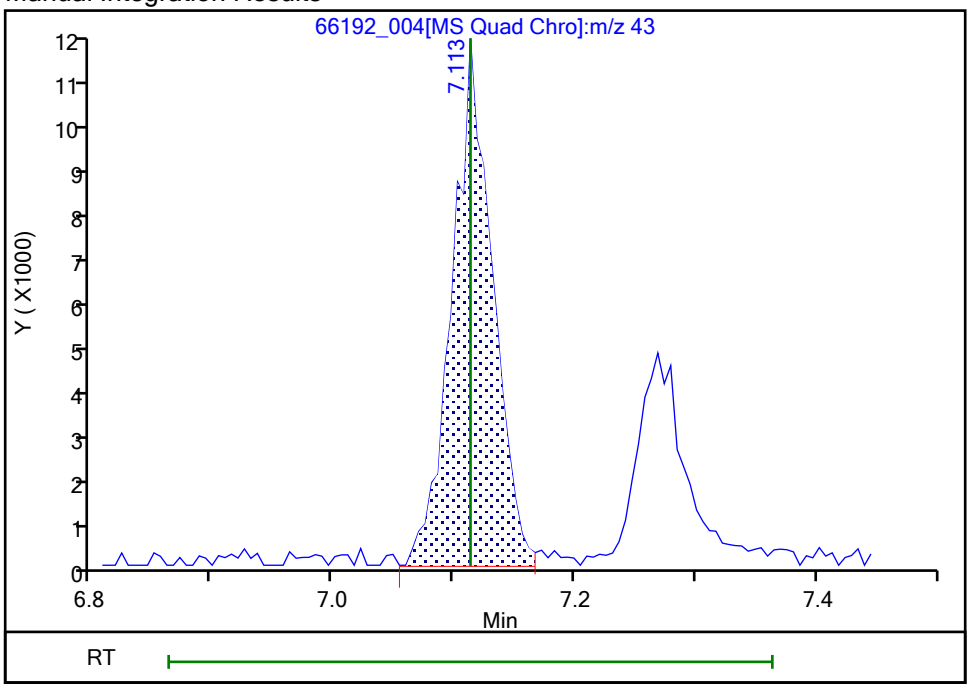
Processing Integration Results

RT: 7.11
Area: 27632
Amount: 0.298763
Amount Units: ppb v/v



Manual Integration Results

RT: 7.11
Area: 27202
Amount: 0.294114
Amount Units: ppb v/v



Reviewer: F7XK, 05-Aug-2025 09:45:28 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

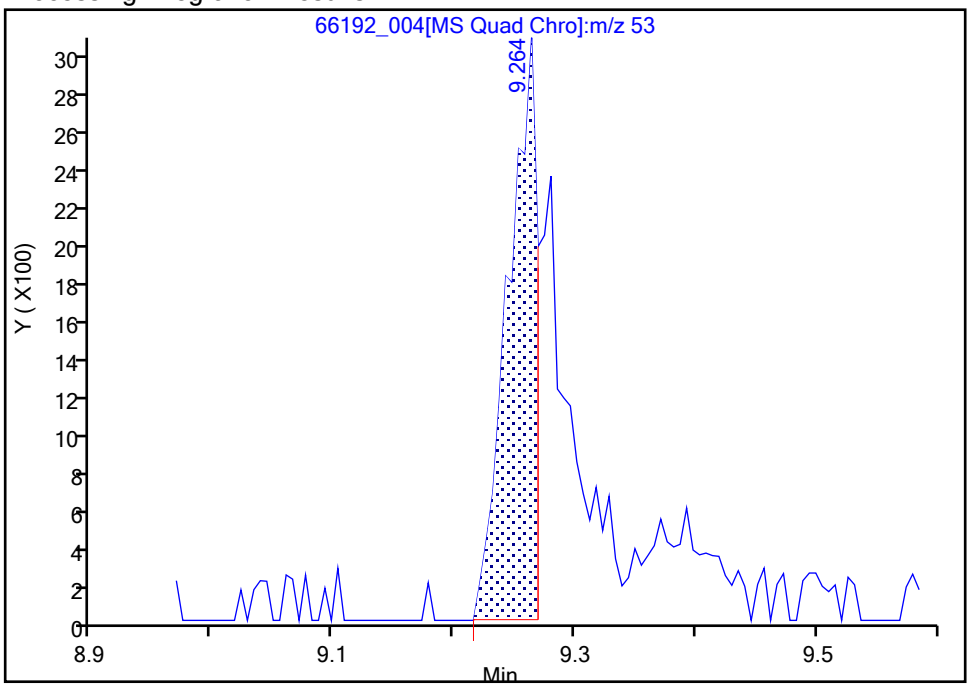
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_004.D				
Injection Date:	04-Aug-2025 10:57:56	Instrument ID:	CHAN.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

29 Acrylonitrile, CAS: 107-13-1

Signal: 1

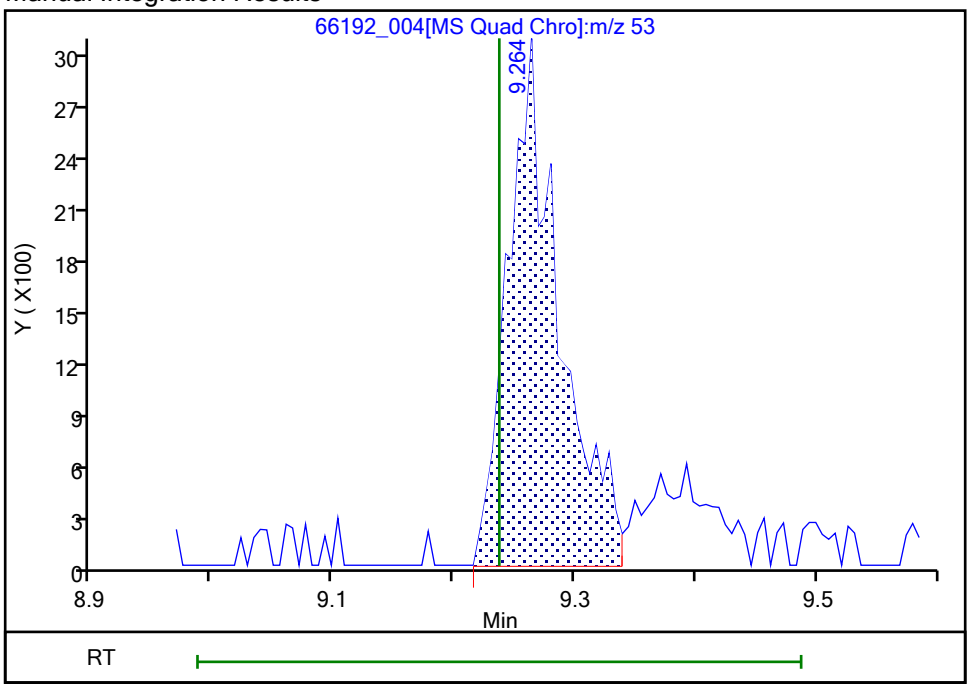
Processing Integration Results

RT: 9.26
Area: 5094
Amount: 0.189858
Amount Units: ppb v/v



Manual Integration Results

RT: 9.26
Area: 8989
Amount: 0.239340
Amount Units: ppb v/v



Reviewer: BKZ7, 04-Aug-2025 14:11:10 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

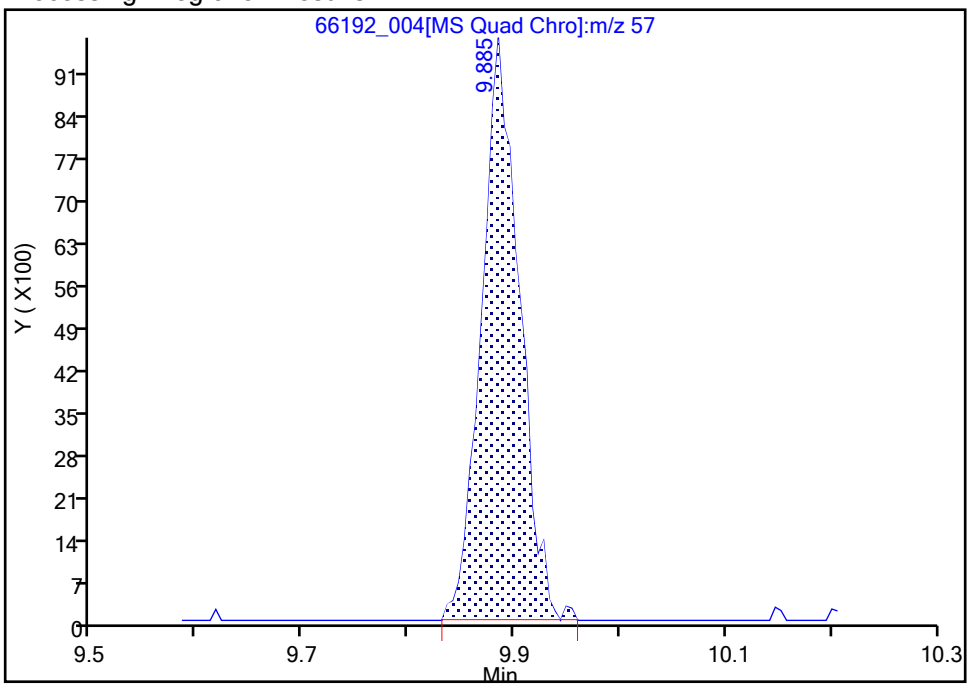
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_004.D				
Injection Date:	04-Aug-2025 10:57:56	Instrument ID:	CHAN.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 Hexane, CAS: 110-54-3

Signal: 1

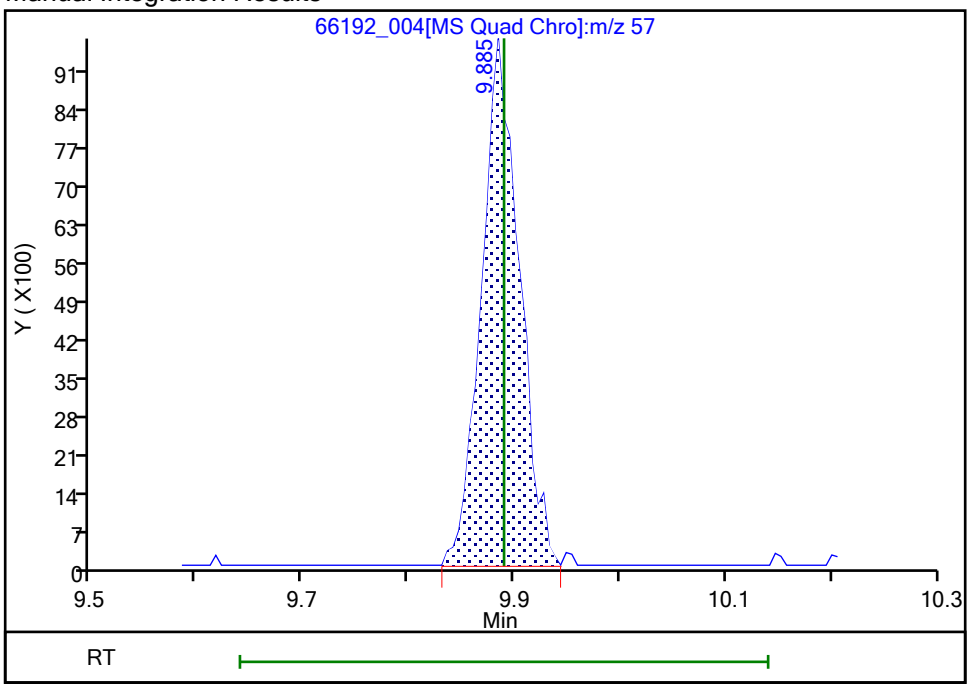
Processing Integration Results

RT: 9.88
Area: 24112
Amount: 0.262240
Amount Units: ppb v/v



Manual Integration Results

RT: 9.88
Area: 23972
Amount: 0.261001
Amount Units: ppb v/v



Reviewer: F7XK, 05-Aug-2025 09:49:25 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

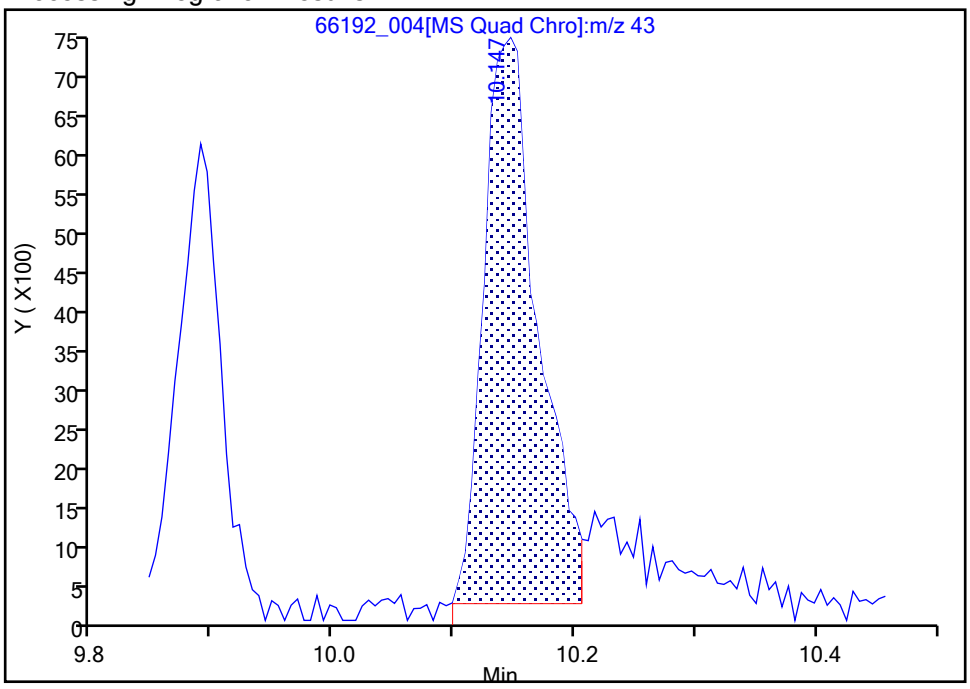
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_004.D				
Injection Date:	04-Aug-2025 10:57:56	Instrument ID:	CHAN.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Vinyl acetate, CAS: 108-05-4

Signal: 1

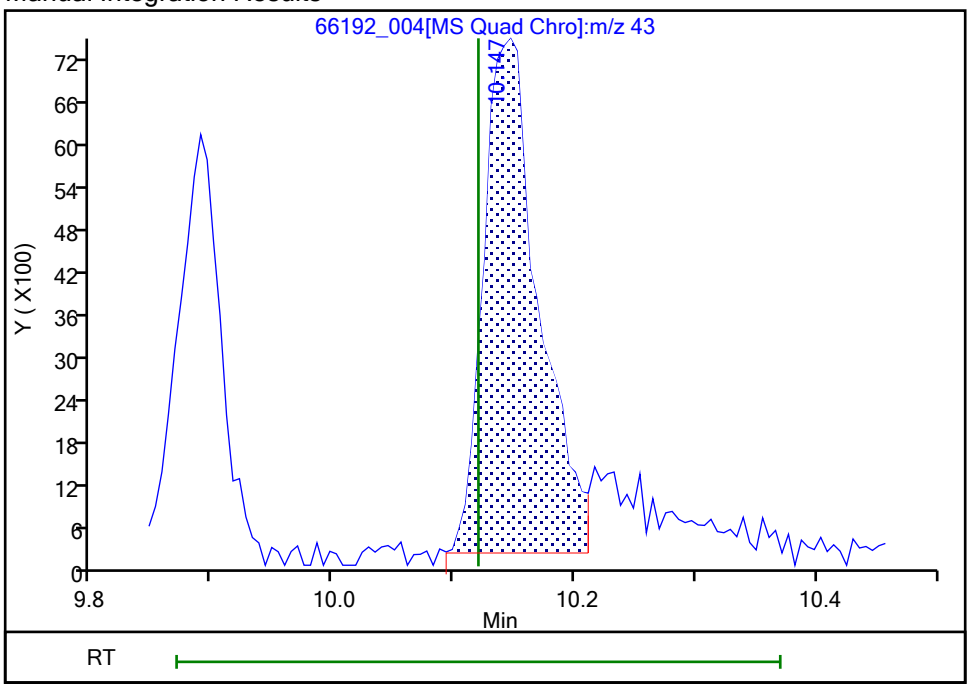
Processing Integration Results

RT: 10.15
Area: 22490
Amount: 0.206016
Amount Units: ppb v/v



Manual Integration Results

RT: 10.15
Area: 22998
Amount: 0.210669
Amount Units: ppb v/v



Reviewer: F7XK, 05-Aug-2025 09:50:39 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

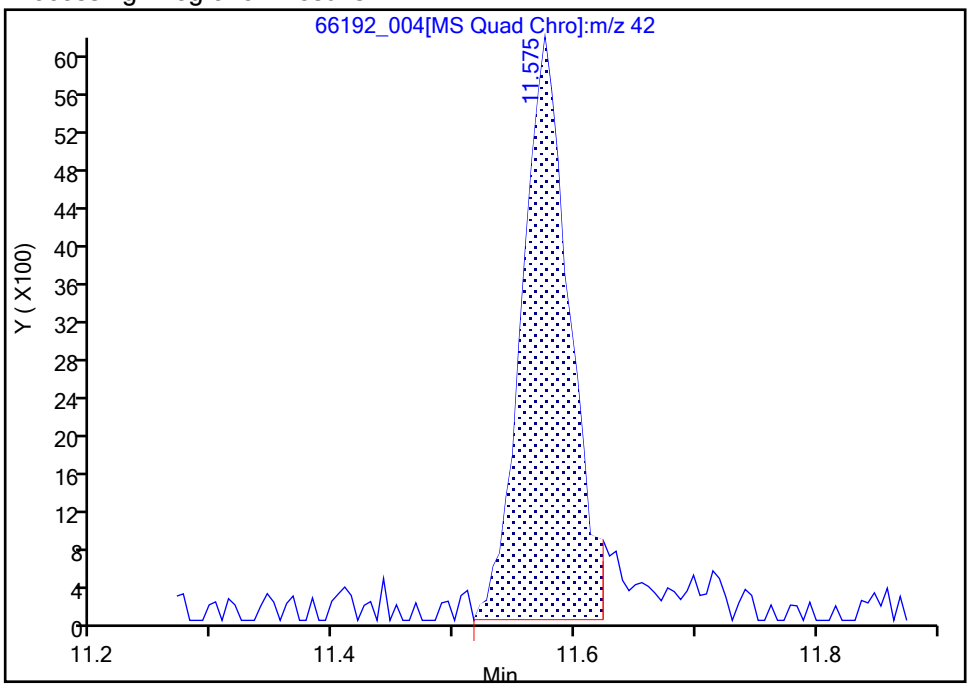
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_004.D				
Injection Date:	04-Aug-2025 10:57:56	Instrument ID:	CHAN.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

40 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

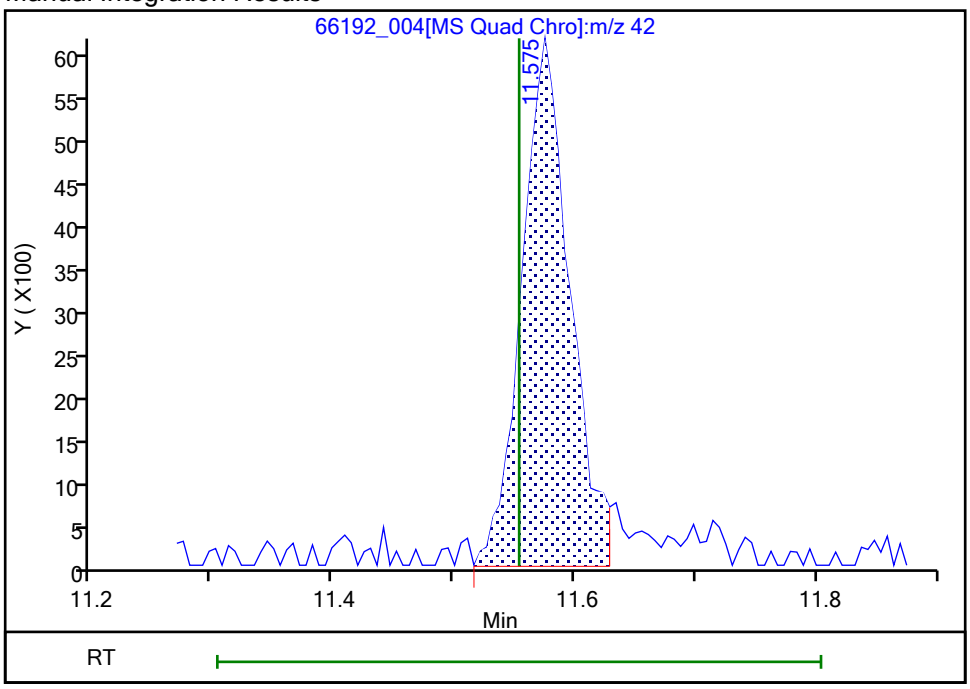
Processing Integration Results

RT: 11.58
Area: 16890
Amount: 0.271326
Amount Units: ppb v/v



Manual Integration Results

RT: 11.58
Area: 17109
Amount: 0.274844
Amount Units: ppb v/v



Reviewer: F7XK, 05-Aug-2025 09:51:53 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_005.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 04-Aug-2025 11:49:06 ALS Bottle#: 6 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066192-005
Operator ID: wrd Instrument ID: CHAN.i
Sublist: chrom-TO15_TO3_Master_Method_AN*sub1

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 05-Aug-2025 06:55:54 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1713

First Level Reviewer: BKZ7 Date: 04-Aug-2025 13:18:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.364	4.364	0.000	95	23567	0.4254	0.5871	
2 Dichlorodifluoromethane	85	4.455	4.460	-0.005	99	113150	0.4254	0.5646	
3 Chlorodifluoromethane	51	4.503	4.497	0.006	95	53131	0.4254	0.5720	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.819	4.818	0.001	90	110133	0.4254	0.5348	
5 Chloromethane	50	4.931	4.931	0.000	99	25404	0.4254	0.5722	
6 Vinyl chloride	62	5.225	5.225	0.000	79	30652	0.4254	0.4893	
7 Butane	43	5.236	5.230	0.006	96	40395	0.4254	0.5629	
8 Butadiene	54	5.343	5.337	0.006	97	20733	0.4254	0.5238	
9 Bromomethane	94	6.054	6.054	0.000	98	38164	0.4254	0.5330	
10 Chloroethane	64	6.322	6.322	0.000	99	18004	0.4254	0.5726	
12 2-Methylbutane	43	6.536	6.541	-0.005	95	36862	0.4254	0.5496	
13 Vinyl bromide	106	6.739	6.739	0.000	96	39714	0.4254	0.5220	
14 Trichlorofluoromethane	101	6.905	6.905	0.000	99	125877	0.4254	0.5394	
15 Pentane	43	7.119	7.113	0.006	94	54005	0.4254	0.5566	
16 Ethanol	45	7.258	7.242	0.016	97	110629	4.26	4.24	
18 Ethyl ether	59	7.526	7.515	0.011	89	23513	0.4254	0.5427	
19 Acrolein	56	7.750	7.734	0.016	96	13115	0.4981	0.7099	M
20 1,1-Dichloroethene	96	7.954	7.953	0.001	98	41556	0.4254	0.4944	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.007	8.002	0.005	98	98318	0.4254	0.5366	
22 Acetone	43	8.028	8.007	0.021	99	71015	0.4254	0.8061	
23 Isopropyl alcohol	45	8.312	8.285	0.027	99	53102	0.4930	0.6308	
24 Carbon disulfide	76	8.360	8.355	0.005	100	113602	0.4254	0.5646	
25 Acetonitrile	41	8.505	8.488	0.017	99	24481	0.4254	0.5706	
26 3-Chloro-1-propene	41	8.633	8.633	0.000	97	42098	0.4254	0.5527	M
27 Methylene Chloride	49	8.858	8.857	0.001	86	43693	0.4254	0.6079	
28 2-Methyl-2-propanol	59	9.072	9.050	0.022	99	66885	0.4254	0.5505	
29 Acrylonitrile	53	9.259	9.237	0.022	95	20031	0.4254	0.5084	M
30 trans-1,2-Dichloroethene	61	9.366	9.366	0.000	96	51753	0.4254	0.4936	
31 Methyl tert-butyl ether	73	9.382	9.371	0.011	96	111318	0.4254	0.5254	
32 Hexane	57	9.890	9.890	0.000	91	49703	0.4254	0.5159	
33 1,1-Dichloroethane	63	10.115	10.115	0.000	99	67940	0.4254	0.5062	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.136	10.120	0.016	99	63751	0.4845	0.5567	
S 35 1,2-Dichloroethene, Total	61				0		0.8508	1.01	
36 2-Butanone (MEK)	72	11.083	11.062	0.021	98	23457	0.4254	0.6354	
37 cis-1,2-Dichloroethene	96	11.105	11.104	0.001	89	48445	0.4254	0.5116	
38 Ethyl acetate	88	11.174	11.163	0.011	99	3506	0.4254	0.5696	
* 39 Chlorobromomethane	128	11.506	11.511	-0.005	76	844664	10.0	10.0	
40 Tetrahydrofuran	42	11.570	11.554	0.016	88	37503	0.4254	0.5787	M
41 Chloroform	83	11.688	11.682	0.006	96	92463	0.4254	0.5282	
42 1,1,1-Trichloroethane	97	12.003	12.003	0.000	97	101504	0.4254	0.5251	
43 Cyclohexane	84	12.158	12.158	0.000	93	53433	0.4254	0.5201	
44 Carbon tetrachloride	117	12.292	12.287	0.005	98	108382	0.4254	0.4893	
45 Benzene	78	12.624	12.624	0.000	95	123463	0.4254	0.5291	
46 1,2-Dichloroethane	62	12.688	12.683	0.005	92	57310	0.4254	0.5336	
47 Isooctane	57	12.859	12.859	0.000	97	166051	0.4254	0.5262	
48 n-Heptane	43	13.164	13.164	0.000	89	58646	0.4254	0.5107	
* 49 1,4-Difluorobenzene	114	13.351	13.346	0.005	93	4110659	10.0	10.0	
50 n-Butanol	56	13.560	13.544	0.016	92	23756	0.4254	0.5441	
51 Trichloroethene	95	13.790	13.790	0.000	98	60775	0.4254	0.4911	
53 1,2-Dichloropropane	63	14.229	14.229	0.000	88	43184	0.4254	0.5233	
54 Methyl methacrylate	69	14.330	14.320	0.010	96	37278	0.4254	0.4929	
55 1,4-Dioxane	88	14.373	14.357	0.016	54	24058	0.4254	0.4961	
57 Dibromomethane	174	14.384	14.384	0.000	95	59013	0.4254	0.5195	
58 Dichlorobromomethane	83	14.689	14.689	0.000	97	99813	0.4254	0.5210	
59 cis-1,3-Dichloropropene	75	15.491	15.497	-0.006	93	75300	0.4254	0.5008	
61 4-Methyl-2-pentanone (MIBK)	43	15.759	15.748	0.011	97	70361	0.4254	0.4878	
62 Toluene	92	16.144	16.144	0.000	93	89174	0.4254	0.5145	
A 63 Toluene Range	1	16.149	(16.074-16.224)		0	363462	NC	NC	
A 65 C8 Range	1	16.417	(16.336-16.497)		0	362501	NC	NC	
64 n-Octane	43	16.417	16.417	0.000	87	81696	0.4254	0.5134	
66 trans-1,3-Dichloropropene	75	16.540	16.540	0.000	96	59495	0.4254	0.4894	
67 1,1,2-Trichloroethane	83	16.909	16.914	-0.005	95	47990	0.4254	0.5407	
68 Tetrachloroethene	166	17.139	17.144	-0.005	93	82884	0.4254	0.4882	
69 2-Hexanone	43	17.332	17.321	0.011	95	61151	0.4254	0.4618	
70 Chlorodibromomethane	129	17.653	17.653	0.001	96	105936	0.4254	0.4988	
71 Ethylene Dibromide	107	17.888	17.893	-0.005	98	88978	0.4254	0.5099	
* 73 Chlorobenzene-d5	117	18.808	18.813	-0.005	85	3711820	10.0	10.0	
74 Chlorobenzene	112	18.872	18.872	0.000	96	137086	0.4254	0.5329	
75 Ethylbenzene	91	19.070	19.065	0.005	98	202788	0.4254	0.5205	
76 m-Xylene & p-Xylene	106	19.327	19.327	0.000	0	159062	0.8508	1.03	
77 n-Nonane	57	19.413	19.413	0.000	83	79111	0.4254	0.5251	
S 80 Xylenes, Total	106				0		1.28	1.54	
78 o-Xylene	106	20.098	20.103	-0.005	98	76513	0.4254	0.5079	
79 Styrene	104	20.130	20.135	-0.005	98	118657	0.4254	0.4907	
81 Bromoform	173	20.461	20.461	0.000	93	88502	0.4254	0.4887	
82 Isopropylbenzene	105	20.798	20.793	0.005	98	235020	0.4254	0.5162	
83 1,1,2,2-Tetrachloroethane	83	21.285	21.290	-0.005	99	122429	0.4254	0.5318	
84 1,2,3-Trichloropropane	75	21.387	21.387	0.000	96	92895	0.4254	0.5534	
85 N-Propylbenzene	91	21.510	21.510	0.000	99	275041	0.4254	0.5203	
86 2-Chlorotoluene	91	21.649	21.654	-0.005	97	171792	0.4254	0.5240	
87 4-Ethyltoluene	105	21.708	21.708	0.000	99	228912	0.4254	0.5148	
88 1,3,5-Trimethylbenzene	105	21.799	21.799	0.000	92	195093	0.4254	0.5139	
89 n-Decane	57	21.847	21.847	0.000	93	103214	0.4254	0.5483	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.120	22.125	-0.005	92	93776	0.4254	0.4691	
91 tert-Butylbenzene	119	22.280	22.280	0.000	94	201023	0.4254	0.5212	
92 1,2,4-Trimethylbenzene	105	22.366	22.366	0.000	97	195670	0.4254	0.5076	
93 sec-Butylbenzene	105	22.607	22.606	0.001	99	296481	0.4254	0.5243	
94 1,3-Dichlorobenzene	146	22.772	22.772	0.000	97	148038	0.4254	0.5090	
95 4-Isopropyltoluene	119	22.821	22.820	0.001	97	252973	0.4254	0.5151	
96 1,4-Dichlorobenzene	146	22.911	22.911	0.000	95	146259	0.4254	0.5091	
97 Benzyl chloride	91	23.056	23.050	0.006	99	159156	0.4254	0.5037	
98 n-Butylbenzene	91	23.377	23.377	0.000	98	227814	0.4254	0.5021	
99 1,2-Dichlorobenzene	146	23.404	23.398	0.006	96	145077	0.4254	0.5149	
100 Undecane	57	23.537	23.537	0.000	92	110820	0.4254	0.5339	
101 Dodecane	57	25.116	25.115	0.001	94	98566	0.4254	0.4792	
102 1,2,4-Trichlorobenzene	180	25.838	25.832	0.006	94	97476	0.4990	0.5301	M
103 Hexachlorobutadiene	225	26.089	26.089	0.000	90	88008	0.4781	0.5315	
104 Naphthalene	128	26.303	26.303	0.000	99	222237	0.5058	0.5205	
105 1,2,3-Trichlorobenzene	180	26.721	26.715	0.006	95	97585	0.4956	0.5435	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL2w_00359	Amount Added: 170.00	Units: mL	
ATTO15CISs_00012	Amount Added: 20.00	Units: mL	Run Reagent

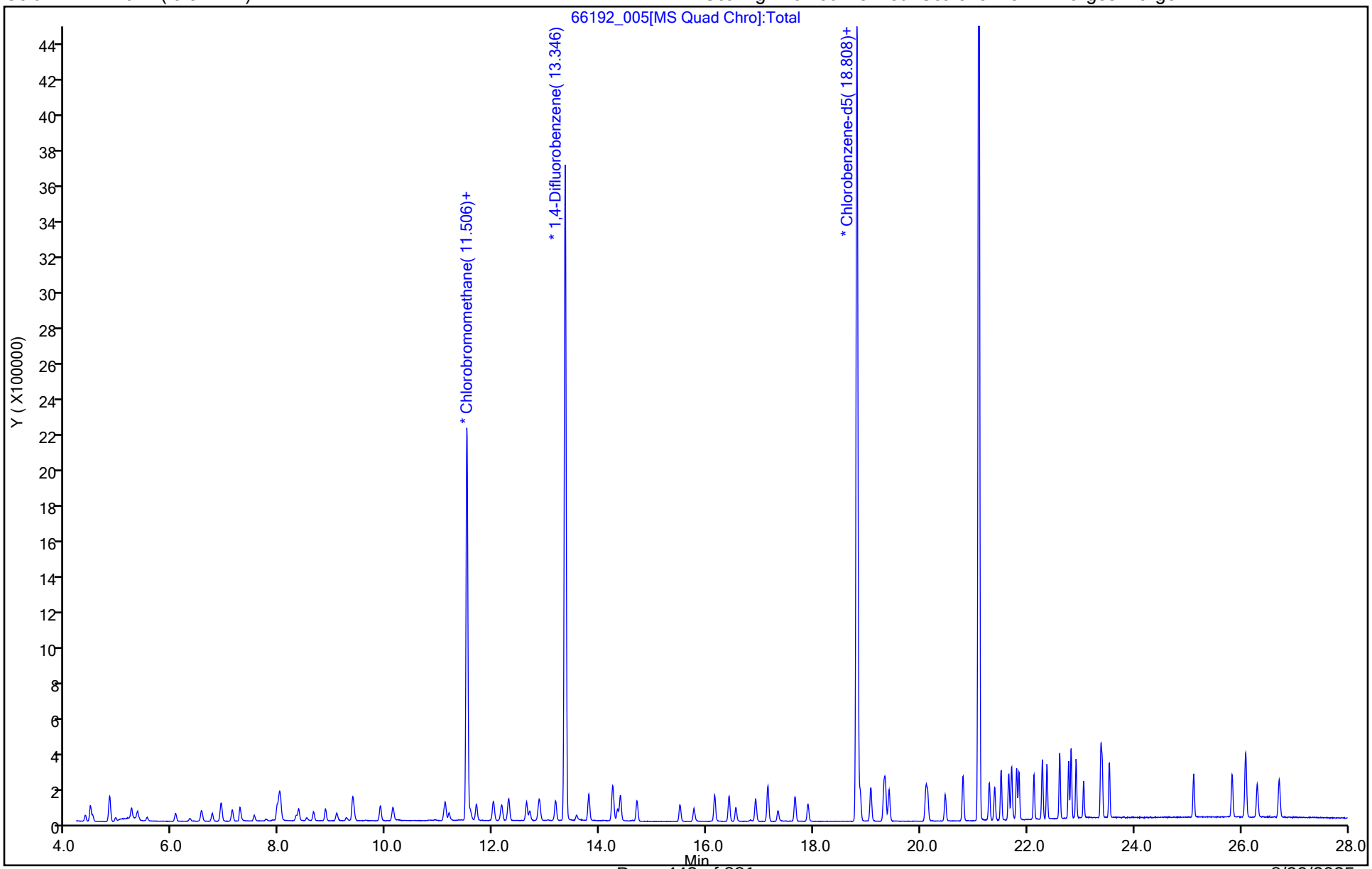
Report Date: 05-Aug-2025 06:55:54 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_005.D

Injection Date:	04-Aug-2025 11:49:06	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	IC			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

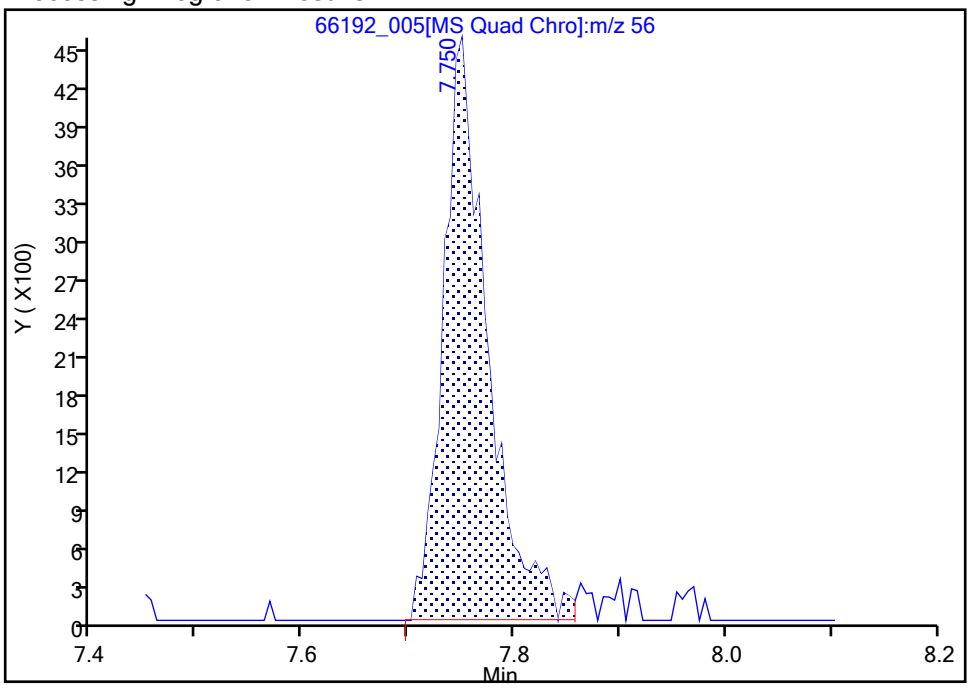
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_005.D				
Injection Date:	04-Aug-2025 11:49:06	Instrument ID:	CHAN.i		
Lims ID:	IC				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 Acrolein, CAS: 107-02-8

Signal: 1

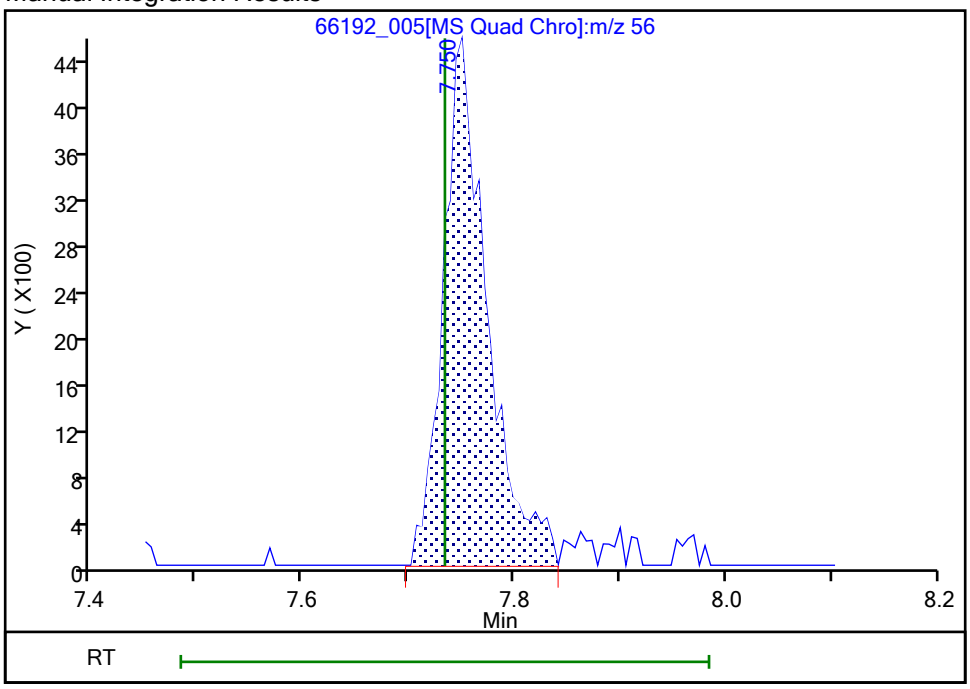
Processing Integration Results

RT: 7.75
Area: 13294
Amount: 0.719610
Amount Units: ppb v/v



Manual Integration Results

RT: 7.75
Area: 13115
Amount: 0.709921
Amount Units: ppb v/v



Reviewer: F7XK, 05-Aug-2025 10:09:51 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

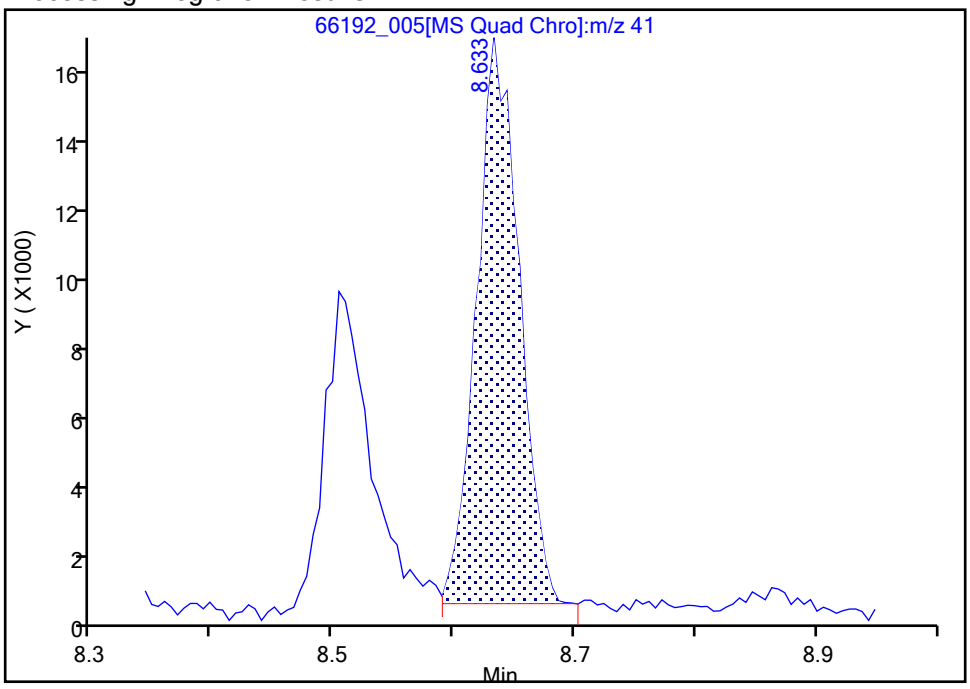
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_005.D				
Injection Date:	04-Aug-2025 11:49:06	Instrument ID:	CHAN.i		
Lims ID:	IC				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

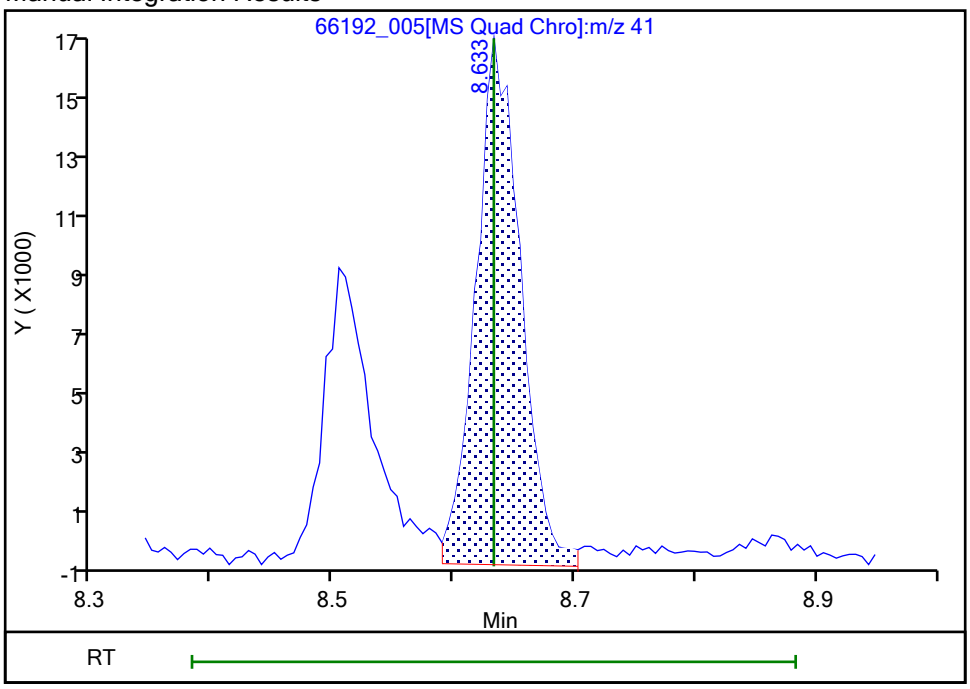
Processing Integration Results

RT: 8.63
Area: 38765
Amount: 0.386816
Amount Units: ppb v/v



Manual Integration Results

RT: 8.63
Area: 42098
Amount: 0.552657
Amount Units: ppb v/v



Reviewer: BKZ7, 04-Aug-2025 13:18:17 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

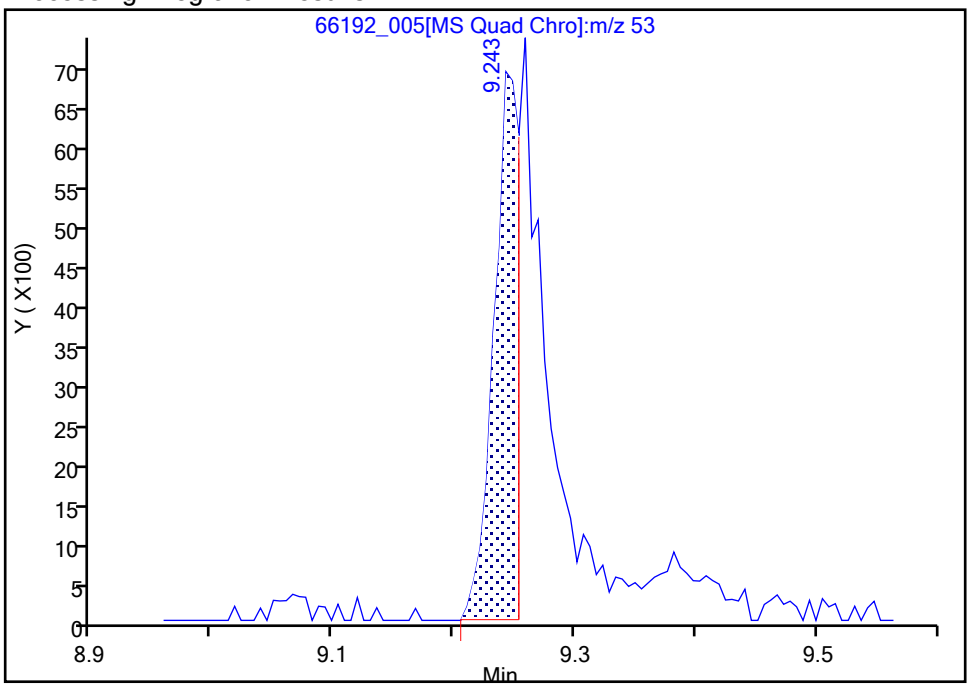
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_005.D
Injection Date: 04-Aug-2025 11:49:06 Instrument ID: CHAN.i
Lims ID: IC
Client ID:
Operator ID: wrd ALS Bottle#: 6 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

29 Acrylonitrile, CAS: 107-13-1

Signal: 1

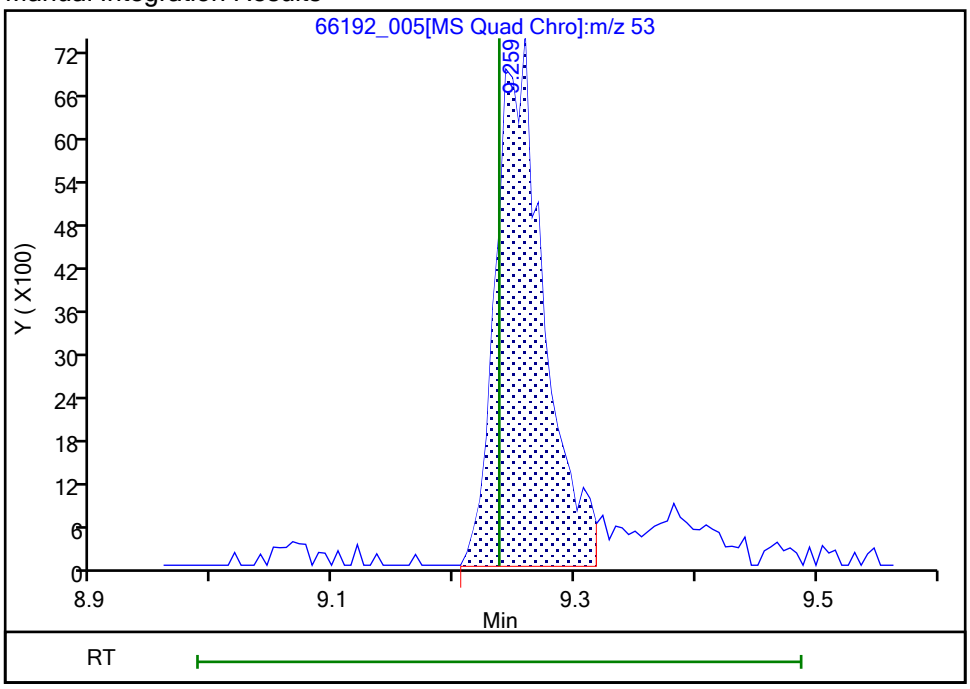
Processing Integration Results

RT: 9.24
Area: 10089
Amount: 0.303440
Amount Units: ppb v/v



Manual Integration Results

RT: 9.26
Area: 20031
Amount: 0.508417
Amount Units: ppb v/v



Reviewer: BKZ7, 04-Aug-2025 14:12:23 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

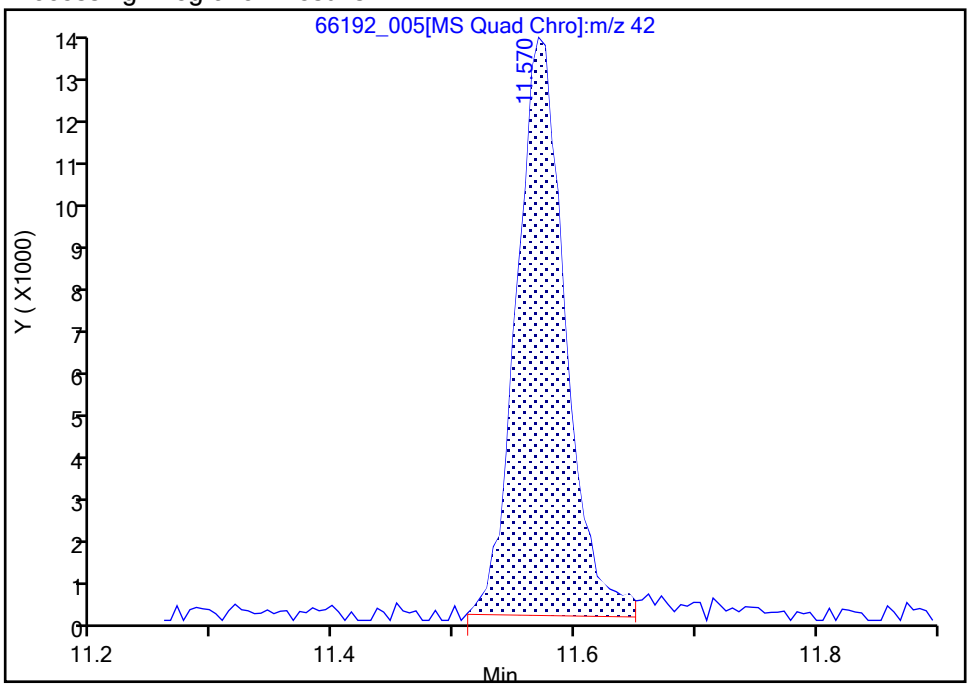
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_005.D				
Injection Date:	04-Aug-2025 11:49:06	Instrument ID:	CHAN.i		
Lims ID:	IC				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

40 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

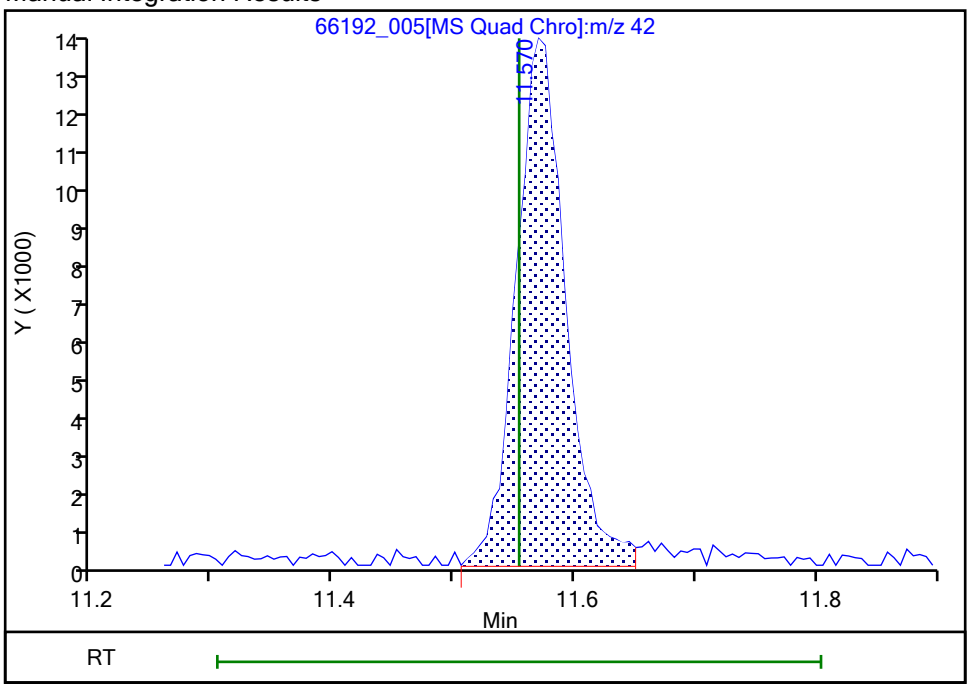
Processing Integration Results

RT: 11.57
Area: 36333
Amount: 0.560625
Amount Units: ppb v/v



Manual Integration Results

RT: 11.57
Area: 37503
Amount: 0.578678
Amount Units: ppb v/v



Reviewer: F7XK, 05-Aug-2025 10:11:39 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

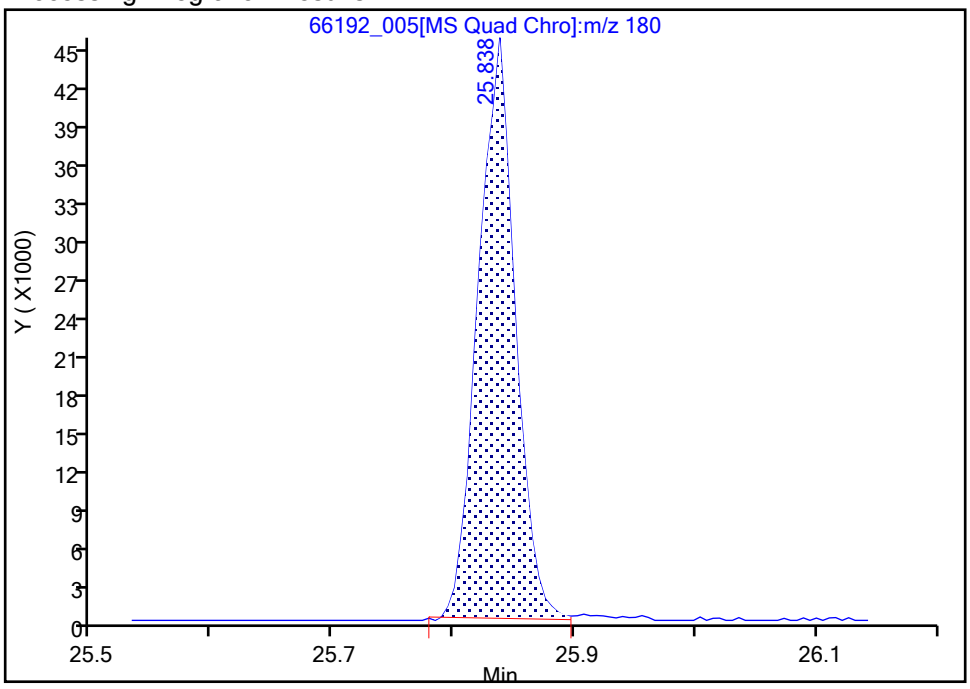
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_005.D				
Injection Date:	04-Aug-2025 11:49:06	Instrument ID:	CHAN.i		
Lims ID:	IC				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

102 1,2,4-Trichlorobenzene, CAS: 120-82-1

Signal: 1

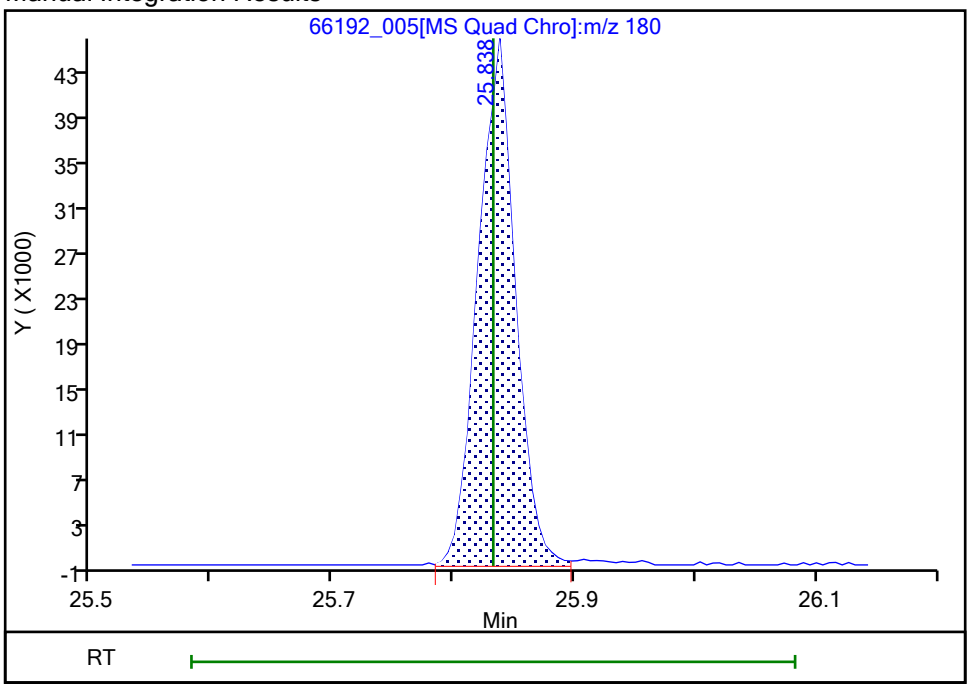
Processing Integration Results

RT: 25.84
Area: 96443
Amount: 0.459980
Amount Units: ppb v/v



Manual Integration Results

RT: 25.84
Area: 97476
Amount: 0.530057
Amount Units: ppb v/v



Reviewer: BKZ7, 04-Aug-2025 13:18:01 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_006.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 04-Aug-2025 12:40:17 ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066192-006
Operator ID: wrd Instrument ID: CHAN.i
Sublist: chrom-TO15_TO3_Master_Method_AN*sub1

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 05-Aug-2025 06:55:50 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1713

First Level Reviewer: BKZ7 Date: 05-Aug-2025 06:55:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.358	4.364	-0.006	97	188751	4.24	5.14	
2 Dichlorodifluoromethane	85	4.455	4.460	-0.005	99	882399	4.24	4.82	
3 Chlorodifluoromethane	51	4.498	4.497	0.001	96	412419	4.24	4.86	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.819	4.818	0.000	96	858157	4.24	4.56	
5 Chloromethane	50	4.931	4.931	0.000	99	200083	4.24	4.93	
6 Vinyl chloride	62	5.225	5.225	0.000	99	240607	4.24	4.20	
7 Butane	43	5.230	5.230	0.000	96	315226	4.24	4.80	
8 Butadiene	54	5.337	5.337	0.000	97	163380	4.24	4.52	
9 Bromomethane	94	6.054	6.054	0.000	98	295879	4.24	4.52	
10 Chloroethane	64	6.322	6.322	0.000	100	139559	4.24	4.86	
12 2-Methylbutane	43	6.541	6.541	0.000	90	282566	4.24	4.61	
13 Vinyl bromide	106	6.744	6.739	0.005	98	312823	4.24	4.50	
14 Trichlorofluoromethane	101	6.905	6.905	0.000	99	975888	4.24	4.57	
15 Pentane	43	7.119	7.113	0.006	95	431408	4.24	4.86	
16 Ethanol	45	7.247	7.242	0.005	98	238758	8.49	10.0	
18 Ethyl ether	59	7.515	7.515	0.000	90	181323	4.24	4.58	
19 Acrolein	56	7.734	7.734	0.000	97	102331	4.97	6.06	
20 1,1-Dichloroethene	96	7.953	7.953	0.000	97	330753	4.24	4.30	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.002	8.002	0.000	97	763937	4.24	4.56	
22 Acetone	43	8.007	8.007	0.000	99	426922	4.24	5.30	
23 Isopropyl alcohol	45	8.296	8.285	0.011	99	460908	4.92	5.99	
24 Carbon disulfide	76	8.360	8.355	0.005	99	892190	4.24	4.85	
25 Acetonitrile	41	8.494	8.488	0.006	98	203444	4.24	5.19	
26 3-Chloro-1-propene	41	8.638	8.633	0.005	98	310981	4.24	4.47	
27 Methylene Chloride	49	8.858	8.857	0.001	87	313765	4.24	4.77	
28 2-Methyl-2-propanol	59	9.056	9.050	0.006	98	558516	4.24	5.03	
29 Acrylonitrile	53	9.243	9.237	0.006	95	175812	4.24	4.88	
30 trans-1,2-Dichloroethene	61	9.360	9.366	-0.006	95	421174	4.24	4.39	
31 Methyl tert-butyl ether	73	9.371	9.371	0.000	96	878715	4.24	4.54	
32 Hexane	57	9.885	9.890	-0.005	91	406031	4.24	4.61	
33 1,1-Dichloroethane	63	10.115	10.115	0.000	99	540146	4.24	4.40	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.125	10.120	0.005	99	597346	4.83	5.71	
S 35 1,2-Dichloroethene, Total	61				0		8.49	8.59	
36 2-Butanone (MEK)	72	11.067	11.062	0.005	98	154208	4.24	4.57	
37 cis-1,2-Dichloroethene	96	11.104	11.104	0.000	90	362969	4.24	4.19	
38 Ethyl acetate	88	11.158	11.163	-0.005	100	28975	4.24	5.15	
* 39 Chlorobromomethane	128	11.511	11.511	0.000	76	772228	10.0	10.0	
40 Tetrahydrofuran	42	11.559	11.554	0.005	89	301470	4.24	5.07	
41 Chloroform	83	11.682	11.682	0.000	96	729771	4.24	4.56	
42 1,1,1-Trichloroethane	97	12.003	12.003	0.000	97	796639	4.24	4.49	
43 Cyclohexane	84	12.158	12.158	0.000	92	427354	4.24	4.54	
44 Carbon tetrachloride	117	12.287	12.287	0.000	98	877164	4.24	4.32	
45 Benzene	78	12.624	12.624	0.000	96	973092	4.24	4.55	
46 1,2-Dichloroethane	62	12.683	12.683	0.000	91	451138	4.24	4.58	
47 Isooctane	57	12.859	12.859	0.000	98	1322573	4.24	4.57	
48 n-Heptane	43	13.164	13.164	0.000	89	475677	4.24	4.52	
* 49 1,4-Difluorobenzene	114	13.346	13.346	0.000	94	3770138	10.0	10.0	
50 n-Butanol	56	13.549	13.544	0.005	92	195237	4.24	4.88	
51 Trichloroethene	95	13.790	13.790	0.000	98	492535	4.24	4.34	
53 1,2-Dichloropropane	63	14.229	14.229	0.000	87	343842	4.24	4.54	
54 Methyl methacrylate	69	14.320	14.320	0.000	96	323761	4.24	4.67	M
55 1,4-Dioxane	88	14.357	14.357	0.000	89	214235	4.24	4.82	
57 Dibromomethane	174	14.384	14.384	0.000	95	452682	4.24	4.34	
58 Dichlorobromomethane	83	14.689	14.689	0.000	97	795793	4.24	4.53	
59 cis-1,3-Dichloropropene	75	15.497	15.497	0.000	93	624740	4.24	4.53	
61 4-Methyl-2-pentanone (MIBK)	43	15.748	15.748	0.000	98	636328	4.24	4.81	
62 Toluene	92	16.144	16.144	0.000	94	738070	4.24	4.58	
A 63 Toluene Range	1	16.149	(16.074-16.224)		0	2964429	NC	NC	
A 65 C8 Range	1	16.417	(16.336-16.497)		0	2892095	NC	NC	
64 n-Octane	43	16.417	16.417	0.000	88	674596	4.24	4.62	
66 trans-1,3-Dichloropropene	75	16.540	16.540	0.000	97	510273	4.24	4.58	
67 1,1,2-Trichloroethane	83	16.909	16.914	-0.005	96	372205	4.24	4.51	
68 Tetrachloroethene	166	17.144	17.144	0.000	95	668215	4.24	4.23	
69 2-Hexanone	43	17.321	17.321	0.000	95	599440	4.24	4.87	
70 Chlorodibromomethane	129	17.653	17.653	0.001	97	899126	4.24	4.55	
71 Ethylene Dibromide	107	17.888	17.893	-0.005	97	729586	4.24	4.49	
* 73 Chlorobenzene-d5	117	18.808	18.813	-0.005	85	3453510	10.0	10.0	
74 Chlorobenzene	112	18.872	18.872	0.000	97	1072773	4.24	4.48	
75 Ethylbenzene	91	19.070	19.065	0.005	98	1662438	4.24	4.59	
76 m-Xylene & p-Xylene	106	19.327	19.327	0.000	0	1324659	8.49	9.19	
77 n-Nonane	57	19.413	19.413	0.000	86	646816	4.24	4.61	
S 80 Xylenes, Total	106				0		12.7	13.8	
78 o-Xylene	106	20.103	20.103	0.000	98	640991	4.24	4.57	
79 Styrene	104	20.130	20.135	-0.005	98	1037926	4.24	4.61	
81 Bromoform	173	20.461	20.461	0.000	93	774613	4.24	4.60	
82 Isopropylbenzene	105	20.798	20.793	0.005	98	1963272	4.24	4.63	
83 1,1,2,2-Tetrachloroethane	83	21.290	21.290	0.000	99	975964	4.24	4.56	
84 1,2,3-Trichloropropane	75	21.387	21.387	0.000	96	747025	4.24	4.78	
85 N-Propylbenzene	91	21.510	21.510	0.000	99	2292753	4.24	4.66	
86 2-Chlorotoluene	91	21.649	21.654	-0.005	97	1402182	4.24	4.60	
87 4-Ethyltoluene	105	21.702	21.708	-0.006	99	1930753	4.24	4.67	
88 1,3,5-Trimethylbenzene	105	21.799	21.799	0.000	93	1638622	4.24	4.64	
89 n-Decane	57	21.847	21.847	0.000	93	844968	4.24	4.82	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.125	22.125	0.000	90	871882	4.24	4.69	
91 tert-Butylbenzene	119	22.280	22.280	0.000	94	1644383	4.24	4.58	
92 1,2,4-Trimethylbenzene	105	22.366	22.366	0.000	98	1668897	4.24	4.65	
93 sec-Butylbenzene	105	22.607	22.606	0.000	99	2456350	4.24	4.67	
94 1,3-Dichlorobenzene	146	22.772	22.772	0.000	97	1230664	4.24	4.55	
95 4-Isopropyltoluene	119	22.821	22.820	0.000	97	2150235	4.24	4.71	
96 1,4-Dichlorobenzene	146	22.911	22.911	0.000	95	1214169	4.24	4.54	
97 Benzyl chloride	91	23.051	23.050	0.001	99	1367135	4.24	4.65	
98 n-Butylbenzene	91	23.377	23.377	0.000	98	1985548	4.24	4.70	
99 1,2-Dichlorobenzene	146	23.398	23.398	0.000	96	1190093	4.24	4.54	
100 Undecane	57	23.537	23.537	0.000	93	987222	4.24	5.11	
101 Dodecane	57	25.116	25.115	0.001	93	962569	4.24	5.03	
102 1,2,4-Trichlorobenzene	180	25.838	25.832	0.006	94	937071	4.98	5.48	
103 Hexachlorobutadiene	225	26.089	26.089	0.000	90	744590	4.77	4.83	
104 Naphthalene	128	26.303	26.303	0.000	99	2153942	5.05	5.42	
105 1,2,3-Trichlorobenzene	180	26.715	26.715	0.000	96	909407	4.94	5.44	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL3w_00287	Amount Added: 170.00	Units: mL	
ATTO15CISs_00012	Amount Added: 20.00	Units: mL	Run Reagent

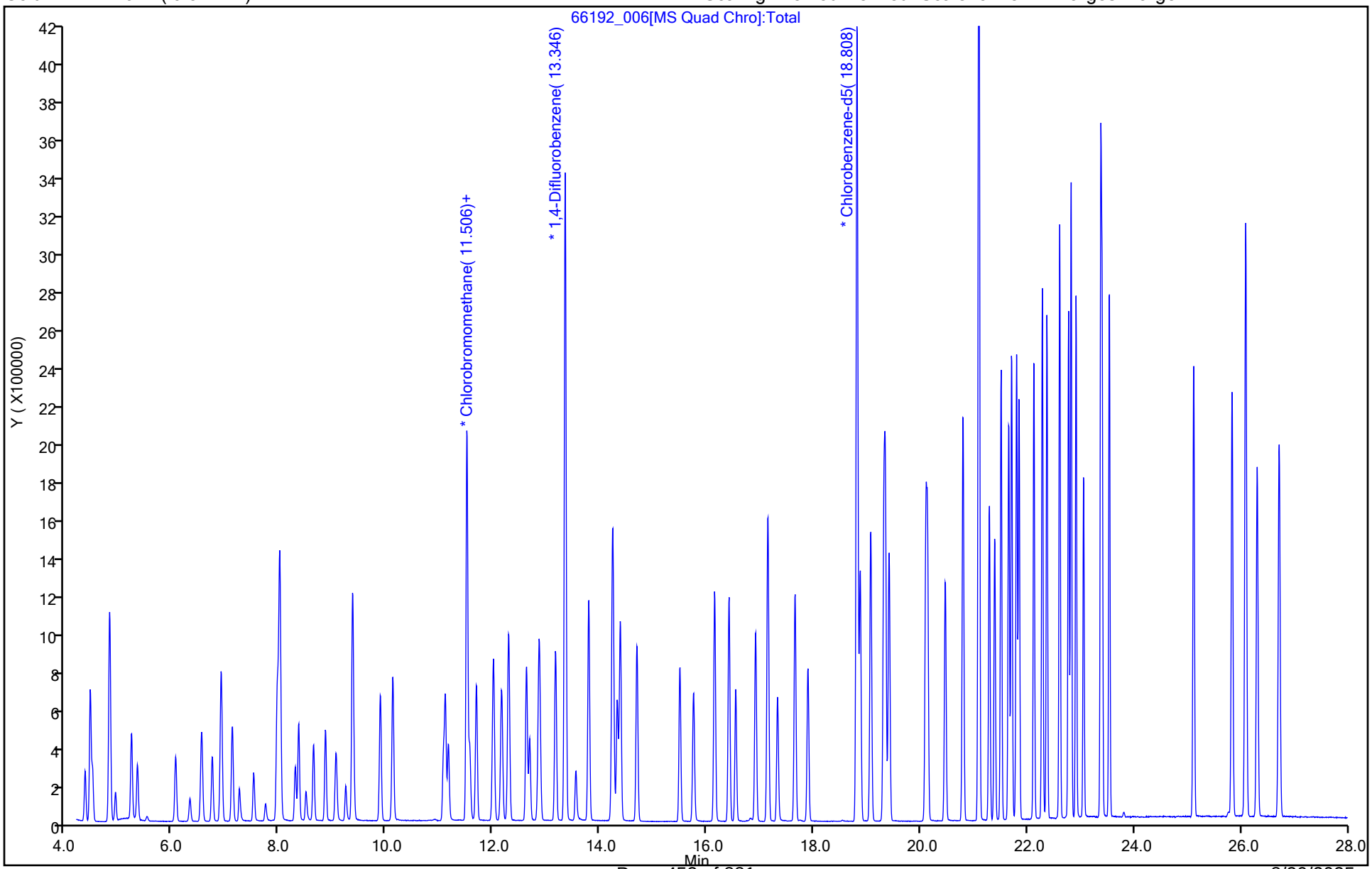
Report Date: 05-Aug-2025 06:55:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_006.D

Injection Date:	04-Aug-2025 12:40:17	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

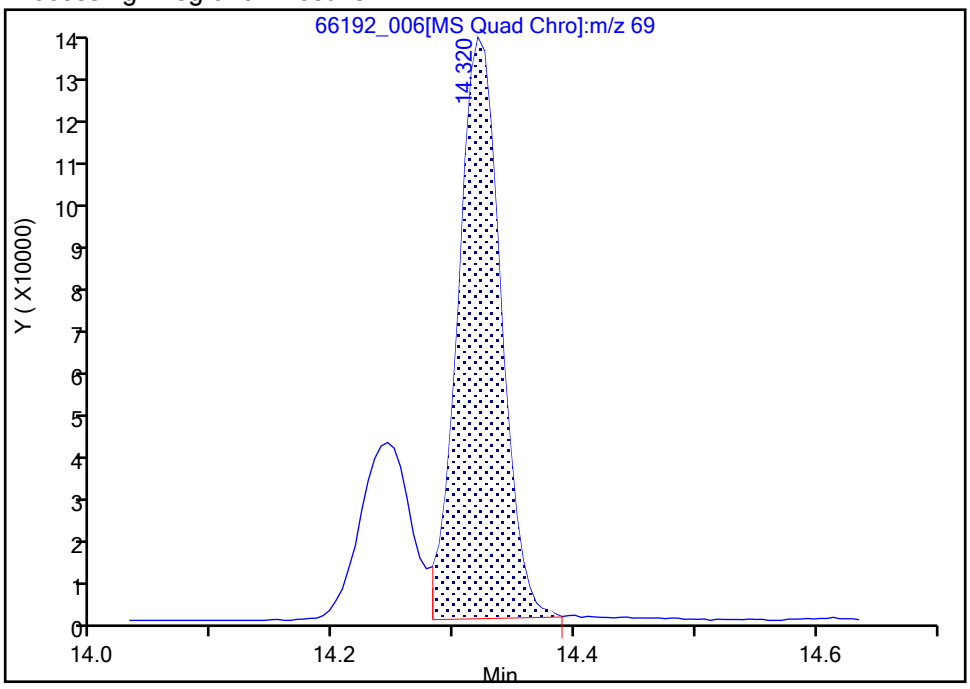
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_006.D				
Injection Date:	04-Aug-2025 12:40:17	Instrument ID:	CHAN.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	7	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Signal: 1

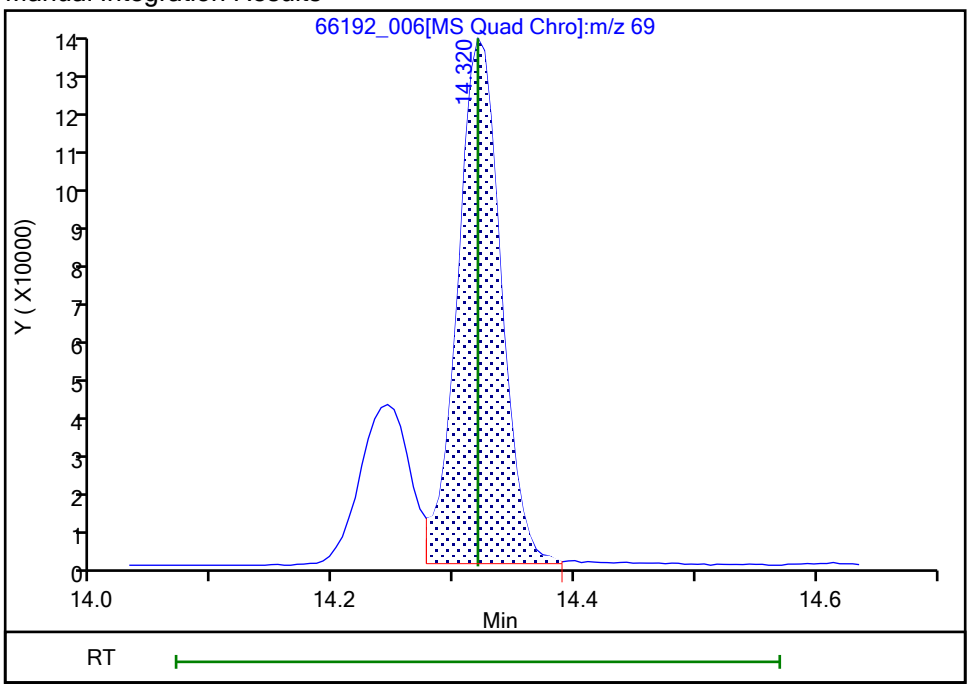
Processing Integration Results

RT: 14.32
Area: 319674
Amount: 4.607483
Amount Units: ppb v/v



Manual Integration Results

RT: 14.32
Area: 323761
Amount: 4.667370
Amount Units: ppb v/v



Reviewer: F7XK, 05-Aug-2025 10:17:48 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_007.D
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 04-Aug-2025 13:32:01 ALS Bottle#: 8 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066192-007
Operator ID: wrd Instrument ID: CHAN.i
Sublist: chrom-TO15_TO3_Master_Method_AN*sub1

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 05-Aug-2025 06:55:56 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1713

First Level Reviewer: BKZ7 Date: 04-Aug-2025 14:22:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.364	4.364	0.000	97	372102	10.0	9.74	
2 Dichlorodifluoromethane	85	4.460	4.460	0.000	99	1731576	10.0	9.08	
3 Chlorodifluoromethane	51	4.497	4.497	0.000	96	796735	10.0	9.01	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.818	4.818	0.000	98	1686370	10.0	8.60	
5 Chloromethane	50	4.931	4.931	0.000	99	383081	10.0	9.06	
6 Vinyl chloride	62	5.225	5.225	0.000	100	469374	10.0	7.87	
7 Butane	43	5.230	5.230	0.000	96	621783	10.0	9.10	
8 Butadiene	54	5.337	5.337	0.000	98	309622	10.0	8.22	
9 Bromomethane	94	6.054	6.054	0.000	98	578615	10.0	8.49	
10 Chloroethane	64	6.322	6.322	0.000	100	269260	10.0	9.00	
12 2-Methylbutane	43	6.541	6.541	0.000	89	540570	10.0	8.47	
13 Vinyl bromide	106	6.739	6.739	0.000	98	623727	10.0	8.61	
14 Trichlorofluoromethane	101	6.905	6.905	0.000	99	1889738	10.0	8.51	
15 Pentane	43	7.113	7.113	0.000	94	843895	10.0	9.14	
16 Ethanol	45	7.242	7.242	0.000	97	368016	15.0	14.8	
18 Ethyl ether	59	7.515	7.515	0.000	90	357916	10.0	8.68	
19 Acrolein	56	7.734	7.734	0.000	97	202471	11.7	11.5	
20 1,1-Dichloroethene	96	7.953	7.953	0.000	97	650434	10.0	8.13	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.002	8.002	0.000	98	1475915	10.0	8.46	
22 Acetone	43	8.007	8.007	0.000	98	814655	10.0	9.71	
23 Isopropyl alcohol	45	8.285	8.285	0.000	100	913877	11.6	11.4	
24 Carbon disulfide	76	8.355	8.355	0.000	100	1730956	10.0	9.04	
25 Acetonitrile	41	8.488	8.488	0.000	98	399360	10.0	9.78	
26 3-Chloro-1-propene	41	8.633	8.633	0.000	98	615586	10.0	8.49	M
27 Methylene Chloride	49	8.857	8.857	0.000	87	604455	10.0	8.83	
28 2-Methyl-2-propanol	59	9.050	9.050	0.000	99	1128733	10.0	9.76	
29 Acrylonitrile	53	9.237	9.237	0.000	93	348485	10.0	9.29	
30 trans-1,2-Dichloroethene	61	9.366	9.366	0.000	97	818524	10.0	8.20	
31 Methyl tert-butyl ether	73	9.371	9.371	0.000	96	1746694	10.0	8.66	
32 Hexane	57	9.890	9.890	0.000	92	798942	10.0	8.71	
33 1,1-Dichloroethane	63	10.115	10.115	0.000	100	1047733	10.0	8.20	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.120	10.120	0.000	100	1173816	11.4	10.8	
S 35 1,2-Dichloroethene, Total	61				0		20.0	16.3	
36 2-Butanone (MEK)	72	11.062	11.062	0.000	98	305433	10.0	8.69	
37 cis-1,2-Dichloroethene	96	11.104	11.104	0.000	92	727684	10.0	8.07	
38 Ethyl acetate	88	11.163	11.163	0.000	99	54869	10.0	9.36	
* 39 Chlorobromomethane	128	11.511	11.511	0.000	80	804083	10.0	10.0	
40 Tetrahydrofuran	42	11.554	11.554	0.000	89	594864	10.0	9.72	
41 Chloroform	83	11.682	11.682	0.000	96	1428481	10.0	8.57	
42 1,1,1-Trichloroethane	97	12.003	12.003	0.000	97	1580276	10.0	8.65	
43 Cyclohexane	84	12.158	12.158	0.000	92	840675	10.0	8.66	
44 Carbon tetrachloride	117	12.287	12.287	0.000	98	1761448	10.0	8.42	
45 Benzene	78	12.624	12.624	0.000	95	1898408	10.0	8.61	
46 1,2-Dichloroethane	62	12.683	12.683	0.000	92	878676	10.0	8.66	
47 Isooctane	57	12.859	12.859	0.000	98	2593575	10.0	8.70	
48 n-Heptane	43	13.164	13.164	0.000	90	939083	10.0	8.66	
* 49 1,4-Difluorobenzene	114	13.346	13.346	0.000	94	3882955	10.0	10.0	
50 n-Butanol	56	13.544	13.544	0.000	91	398628	10.0	9.67	
51 Trichloroethene	95	13.790	13.790	0.000	99	977774	10.0	8.36	
53 1,2-Dichloropropane	63	14.229	14.229	0.000	83	672427	10.0	8.63	
54 Methyl methacrylate	69	14.320	14.320	0.000	96	663834	10.0	9.29	M
55 1,4-Dioxane	88	14.357	14.357	0.000	88	410665	10.0	8.96	
57 Dibromomethane	174	14.384	14.384	0.000	95	898178	10.0	8.37	
58 Dichlorobromomethane	83	14.689	14.689	0.000	98	1579578	10.0	8.73	
59 cis-1,3-Dichloropropene	75	15.497	15.497	0.000	93	1253304	10.0	8.82	
61 4-Methyl-2-pentanone (MIBK)	43	15.748	15.748	0.000	98	1268118	10.0	9.31	
62 Toluene	92	16.144	16.144	0.000	93	1450083	10.0	8.67	
A 63 Toluene Range	1	16.149	(16.074-16.224)		0	5822363	NC	NC	
A 65 C8 Range	1	16.417	(16.336-16.497)		0	5680431	NC	NC	
64 n-Octane	43	16.417	16.417	0.000	88	1331649	10.0	8.86	
66 trans-1,3-Dichloropropene	75	16.540	16.540	0.000	97	1020470	10.0	8.89	
67 1,1,2-Trichloroethane	83	16.914	16.914	0.000	97	731341	10.0	8.54	
68 Tetrachloroethene	166	17.144	17.144	0.000	95	1323271	10.0	8.08	
69 2-Hexanone	43	17.321	17.321	0.000	95	1199281	10.0	9.39	
70 Chlorodibromomethane	129	17.653	17.653	0.000	97	1803918	10.0	8.80	
71 Ethylene Dibromide	107	17.893	17.893	0.000	98	1469445	10.0	8.73	
* 73 Chlorobenzene-d5	117	18.813	18.813	0.000	86	3581729	10.0	10.0	
74 Chlorobenzene	112	18.872	18.872	0.000	97	2129166	10.0	8.58	
75 Ethylbenzene	91	19.065	19.065	0.000	98	3261580	10.0	8.68	
76 m-Xylene & p-Xylene	106	19.327	19.327	0.000	0	2640005	20.0	17.7	
77 n-Nonane	57	19.413	19.413	0.000	86	1274100	10.0	8.76	
S 80 Xylenes, Total	106				0		30.0	26.4	
78 o-Xylene	106	20.103	20.103	0.000	99	1271485	10.0	8.75	
79 Styrene	104	20.135	20.135	0.000	98	2110480	10.0	9.04	
81 Bromoform	173	20.461	20.461	0.000	94	1536854	10.0	8.80	
82 Isopropylbenzene	105	20.793	20.793	0.000	98	3878470	10.0	8.83	
83 1,1,2,2-Tetrachloroethane	83	21.290	21.290	0.000	99	1915817	10.0	8.62	
84 1,2,3-Trichloropropane	75	21.387	21.387	0.000	96	1470906	10.0	9.08	
85 N-Propylbenzene	91	21.510	21.510	0.000	99	4526819	10.0	8.88	
86 2-Chlorotoluene	91	21.654	21.654	0.000	97	2779215	10.0	8.78	
87 4-Ethyltoluene	105	21.708	21.708	0.000	99	3824341	10.0	8.91	
88 1,3,5-Trimethylbenzene	105	21.799	21.799	0.000	93	3251047	10.0	8.88	
89 n-Decane	57	21.847	21.847	0.000	93	1669554	10.0	9.19	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.125	22.125	0.000	89	1764982	10.0	9.15	
91 tert-Butylbenzene	119	22.280	22.280	0.000	93	3258434	10.0	8.76	
92 1,2,4-Trimethylbenzene	105	22.366	22.366	0.000	98	3332609	10.0	8.96	
93 sec-Butylbenzene	105	22.606	22.606	0.000	98	4877466	10.0	8.94	
94 1,3-Dichlorobenzene	146	22.772	22.772	0.000	97	2455519	10.0	8.75	
95 4-Isopropyltoluene	119	22.820	22.820	0.000	97	4231139	10.0	8.93	
96 1,4-Dichlorobenzene	146	22.911	22.911	0.000	95	2424324	10.0	8.75	
97 Benzyl chloride	91	23.050	23.050	0.000	99	2721276	10.0	8.92	
98 n-Butylbenzene	91	23.377	23.377	0.000	98	3972733	10.0	9.07	
99 1,2-Dichlorobenzene	146	23.398	23.398	0.000	96	2380561	10.0	8.76	
100 Undecane	57	23.537	23.537	0.000	92	1966554	10.0	9.82	
101 Dodecane	57	25.115	25.115	0.000	93	1948155	10.0	9.81	
102 1,2,4-Trichlorobenzene	180	25.832	25.832	0.000	94	2013533	11.7	11.3	
103 Hexachlorobutadiene	225	26.089	26.089	0.000	91	1520133	11.2	9.51	
104 Naphthalene	128	26.303	26.303	0.000	99	4686595	11.9	11.4	
105 1,2,3-Trichlorobenzene	180	26.715	26.715	0.000	96	1935251	11.6	11.2	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

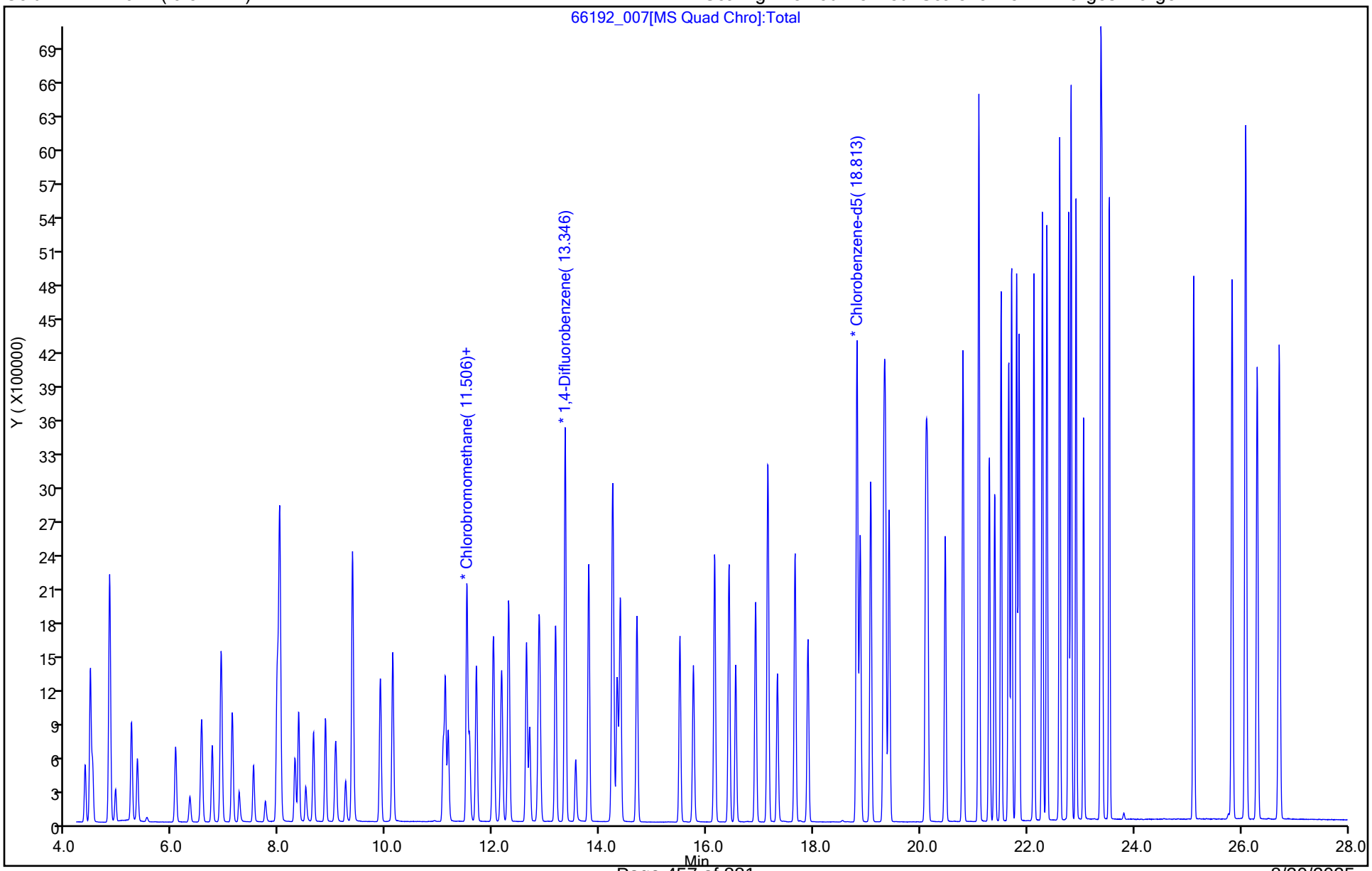
ATTO15CAL4w_00835	Amount Added: 200.00	Units: mL	
ATTO15CISs_00012	Amount Added: 20.00	Units: mL	Run Reagent

Report Date: 05-Aug-2025 06:55:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_007.D				
Injection Date:	04-Aug-2025 13:32:01	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	icis			Worklist Smp#:	7
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

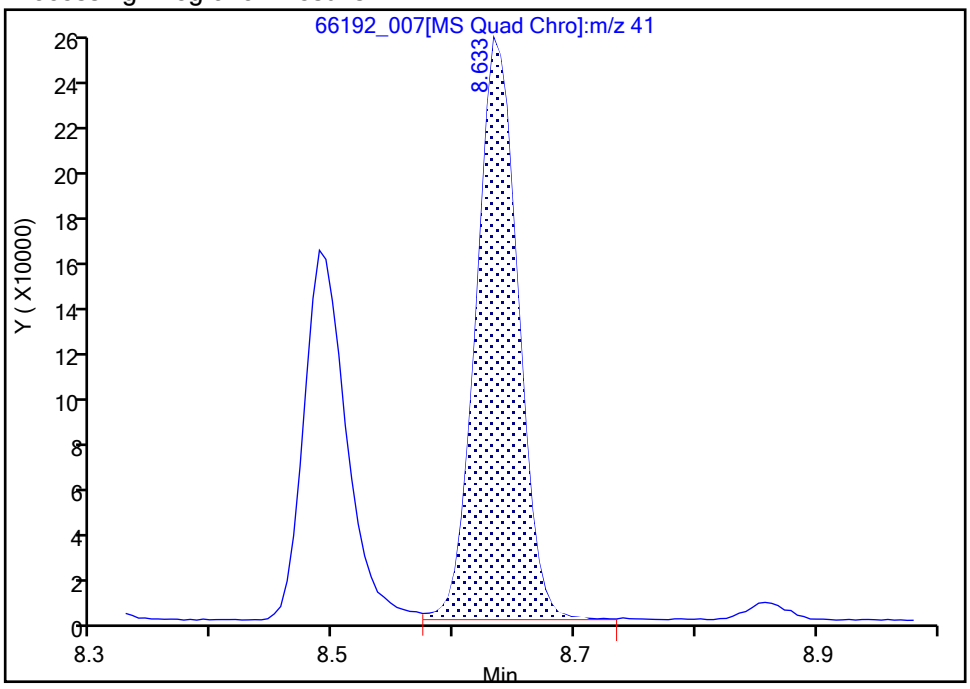
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_007.D				
Injection Date:	04-Aug-2025 13:32:01	Instrument ID:	CHAN.i		
Lims ID:	icis				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

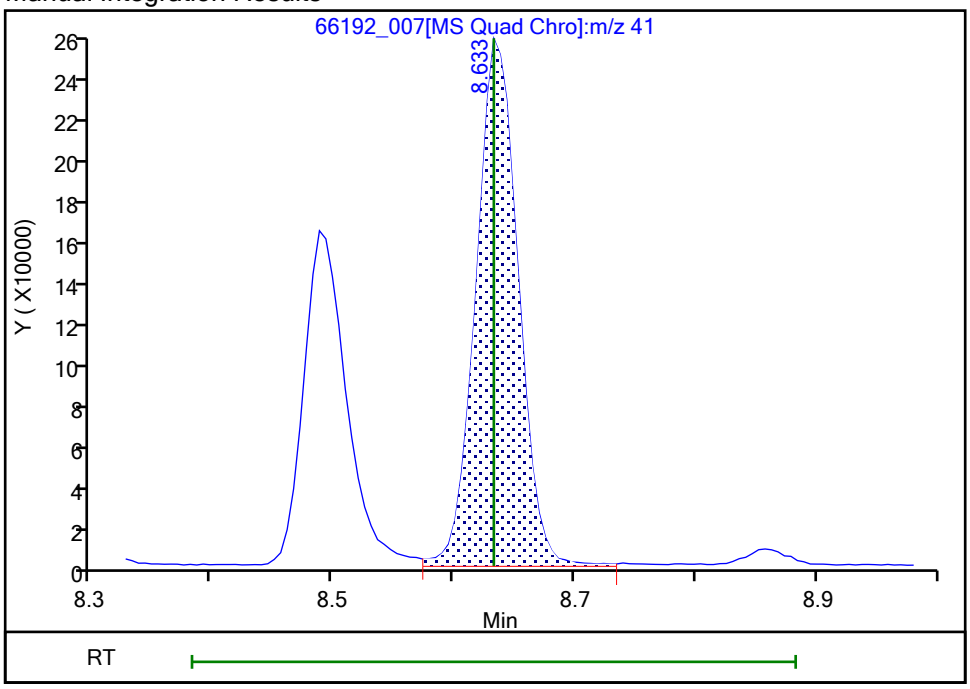
Processing Integration Results

RT: 8.63
Area: 611287
Amount: 7.089749
Amount Units: ppb v/v



Manual Integration Results

RT: 8.63
Area: 615586
Amount: 8.489182
Amount Units: ppb v/v



Reviewer: BKZ7, 04-Aug-2025 14:22:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

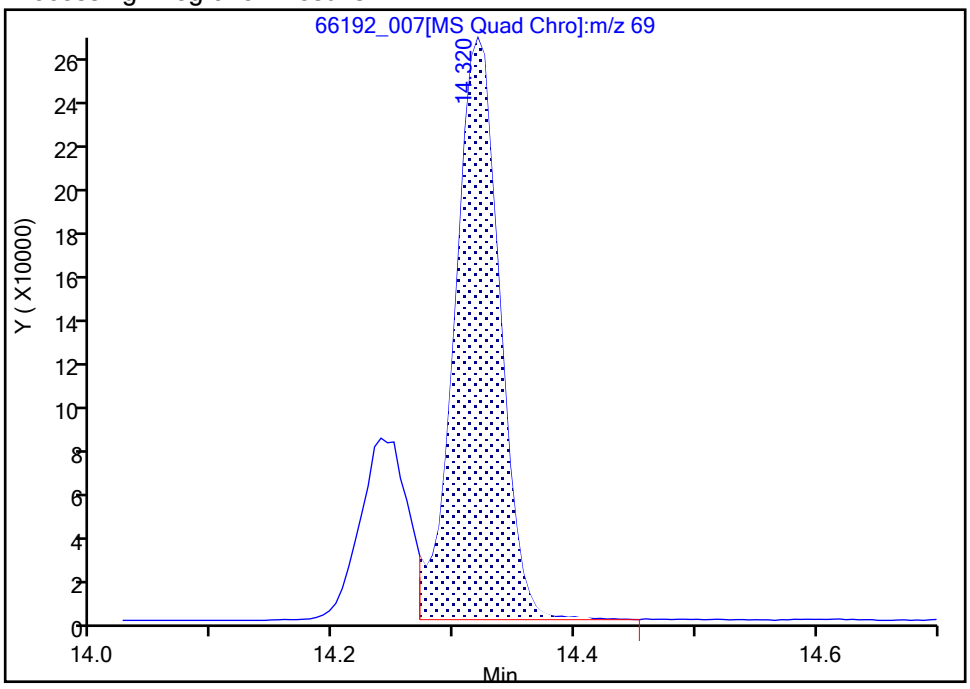
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_007.D				
Injection Date:	04-Aug-2025 13:32:01	Instrument ID:	CHAN.i		
Lims ID:	icis				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Signal: 1

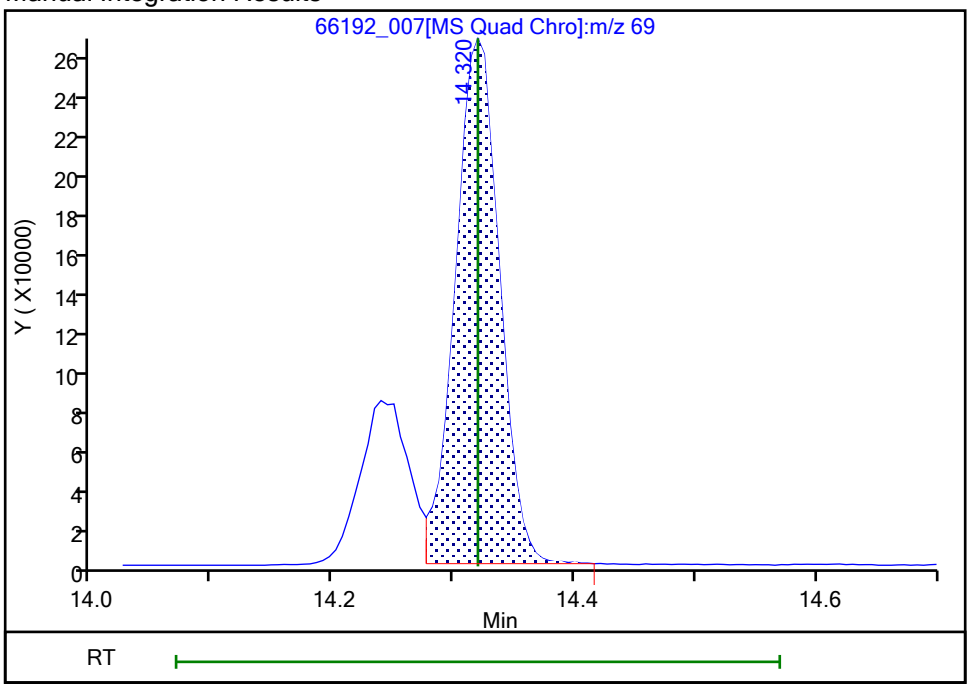
Processing Integration Results

RT: 14.32
Area: 675470
Amount: 9.427143
Amount Units: ppb v/v



Manual Integration Results

RT: 14.32
Area: 663834
Amount: 9.291847
Amount Units: ppb v/v



Reviewer: F7XK, 05-Aug-2025 09:35:00 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_010.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 04-Aug-2025 16:06:32 ALS Bottle#: 11 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066192-010
Operator ID: wrd Instrument ID: CHAN.i
Sublist: chrom-TO15_TO3_Master_Method_AN*sub1

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 05-Aug-2025 06:56:01 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1713

First Level Reviewer: F7XK Date: 05-Aug-2025 10:24:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.364	4.364	0.000	97	531071	15.0	14.0	
2 Dichlorodifluoromethane	85	4.460	4.460	0.000	99	2473523	15.0	13.0	
3 Chlorodifluoromethane	51	4.498	4.497	0.001	96	1148053	15.0	13.0	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.818	4.818	0.000	90	2418926	15.0	12.4	
5 Chloromethane	50	4.931	4.931	0.000	99	552329	15.0	13.1	
6 Vinyl chloride	62	5.225	5.225	0.000	100	669409	15.0	11.3	
7 Butane	43	5.230	5.230	0.000	95	880657	15.0	12.9	
8 Butadiene	54	5.343	5.337	0.006	98	441884	15.0	11.8	
9 Bromomethane	94	6.054	6.054	0.000	98	841197	15.0	12.4	
10 Chloroethane	64	6.322	6.322	0.000	100	387061	15.0	13.0	
12 2-Methylbutane	43	6.541	6.541	0.000	90	789517	15.0	12.4	
13 Vinyl bromide	106	6.739	6.739	0.000	97	889646	15.0	12.3	
14 Trichlorofluoromethane	101	6.905	6.905	0.000	98	2727020	15.0	12.3	
15 Pentane	43	7.114	7.113	0.001	95	1226957	15.0	13.3	
16 Ethanol	45	7.242	7.242	0.000	97	477669	20.0	19.3	
18 Ethyl ether	59	7.509	7.515	-0.006	90	517019	15.0	12.6	
19 Acrolein	56	7.734	7.734	0.000	97	301629	17.6	17.2	
20 1,1-Dichloroethene	96	7.953	7.953	0.000	97	944752	15.0	11.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.002	8.002	0.000	97	2146690	15.0	12.4	
22 Acetone	43	8.002	8.007	-0.005	98	1164331	15.0	13.9	
23 Isopropyl alcohol	45	8.285	8.285	0.000	100	1319887	17.4	16.5	
24 Carbon disulfide	76	8.360	8.355	0.005	100	2534569	15.0	13.3	
25 Acetonitrile	41	8.488	8.488	0.000	98	578111	15.0	14.2	
26 3-Chloro-1-propene	41	8.638	8.633	0.005	98	889005	15.0	12.3	
27 Methylene Chloride	49	8.858	8.857	0.001	87	880842	15.0	12.9	
28 2-Methyl-2-propanol	59	9.045	9.050	-0.005	99	1631492	15.0	14.2	
29 Acrylonitrile	53	9.237	9.237	0.000	94	506603	15.0	13.6	
30 trans-1,2-Dichloroethene	61	9.360	9.366	-0.006	95	1183999	15.0	11.9	
31 Methyl tert-butyl ether	73	9.371	9.371	0.000	96	2512493	15.0	12.5	
32 Hexane	57	9.885	9.890	-0.005	92	1156464	15.0	12.7	
33 1,1-Dichloroethane	63	10.115	10.115	0.000	100	1522420	15.0	12.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.120	10.120	0.000	99	1695126	17.1	15.6	
S 35 1,2-Dichloroethene, Total	61				0		30.0	23.5	
36 2-Butanone (MEK)	72	11.062	11.062	0.000	98	441180	15.0	12.6	
37 cis-1,2-Dichloroethene	96	11.104	11.104	0.000	91	1044581	15.0	11.6	
38 Ethyl acetate	88	11.158	11.163	-0.005	100	83568	15.0	14.3	
* 39 Chlorobromomethane	128	11.511	11.511	0.000	76	800914	10.0	10.0	
40 Tetrahydrofuran	42	11.554	11.554	0.000	88	856008	15.0	13.9	
41 Chloroform	83	11.688	11.682	0.006	96	2066274	15.0	12.4	
42 1,1,1-Trichloroethane	97	12.003	12.003	0.000	97	2260916	15.0	12.3	
43 Cyclohexane	84	12.158	12.158	0.000	93	1215863	15.0	12.5	
44 Carbon tetrachloride	117	12.287	12.287	0.000	98	2535919	15.0	12.1	
45 Benzene	78	12.624	12.624	0.000	95	2733675	15.0	12.3	
46 1,2-Dichloroethane	62	12.683	12.683	0.000	90	1278119	15.0	12.5	M
47 Isooctane	57	12.859	12.859	0.000	98	3764039	15.0	12.6	
48 n-Heptane	43	13.169	13.164	0.005	90	1358109	15.0	12.5	
* 49 1,4-Difluorobenzene	114	13.351	13.346	0.005	94	3900108	10.0	10.0	
50 n-Butanol	56	13.544	13.544	0.000	91	580018	15.0	14.0	
51 Trichloroethene	95	13.790	13.790	0.000	99	1415545	15.0	12.1	
53 1,2-Dichloropropane	63	14.229	14.229	0.000	86	977710	15.0	12.5	
54 Methyl methacrylate	69	14.320	14.320	0.000	96	971543	15.0	13.5	
55 1,4-Dioxane	88	14.352	14.357	-0.005	90	597431	15.0	13.0	
57 Dibromomethane	174	14.384	14.384	0.000	95	1279775	15.0	11.9	
58 Dichlorobromomethane	83	14.689	14.689	0.000	98	2289577	15.0	12.6	
59 cis-1,3-Dichloropropene	75	15.497	15.497	0.000	93	1832262	15.0	12.8	
61 4-Methyl-2-pentanone (MIBK)	43	15.748	15.748	0.000	98	1871491	15.0	13.7	
62 Toluene	92	16.144	16.144	0.000	93	2111498	15.0	12.5	
A 63 Toluene Range	1	16.149	(16.074-16.224)		0	8440386	NC	NC	
A 65 C8 Range	1	16.417	(16.336-16.497)		0	8240147	NC	NC	
64 n-Octane	43	16.417	16.417	0.000	88	1929782	15.0	12.8	
66 trans-1,3-Dichloropropene	75	16.540	16.540	0.000	97	1486129	15.0	12.9	
67 1,1,2-Trichloroethane	83	16.909	16.914	-0.005	97	1068650	15.0	12.4	
68 Tetrachloroethene	166	17.144	17.144	0.000	95	1904603	15.0	11.5	
69 2-Hexanone	43	17.321	17.321	0.000	95	1779482	15.0	13.8	
70 Chlorodibromomethane	129	17.653	17.653	0.001	97	2663088	15.0	12.9	
71 Ethylene Dibromide	107	17.893	17.893	0.000	98	2129414	15.0	12.5	
* 73 Chlorobenzene-d5	117	18.814	18.813	0.001	85	3616803	10.0	10.0	
74 Chlorobenzene	112	18.872	18.872	0.000	96	3065836	15.0	12.2	
75 Ethylbenzene	91	19.070	19.065	0.005	98	4752752	15.0	12.5	
76 m-Xylene & p-Xylene	106	19.332	19.327	0.005	0	3802214	30.0	25.2	
77 n-Nonane	57	19.413	19.413	0.000	86	1856204	15.0	12.6	
S 80 Xylenes, Total	106				0		45.0	37.8	
78 o-Xylene	106	20.103	20.103	0.000	98	1851314	15.0	12.6	
79 Styrene	104	20.130	20.135	-0.005	98	3050481	15.0	12.9	
81 Bromoform	173	20.467	20.461	0.006	93	2352275	15.0	13.3	
82 Isopropylbenzene	105	20.798	20.793	0.005	98	5625302	15.0	12.7	
83 1,1,2,2-Tetrachloroethane	83	21.290	21.290	0.000	99	2801562	15.0	12.5	
84 1,2,3-Trichloropropane	75	21.392	21.387	0.005	96	2135376	15.0	13.1	
85 N-Propylbenzene	91	21.510	21.510	0.000	99	6532540	15.0	12.7	
86 2-Chlorotoluene	91	21.654	21.654	0.000	97	4029621	15.0	12.6	
87 4-Ethyltoluene	105	21.702	21.708	-0.006	99	5523149	15.0	12.7	
88 1,3,5-Trimethylbenzene	105	21.799	21.799	0.000	93	4692459	15.0	12.7	
89 n-Decane	57	21.847	21.847	0.000	93	2420143	15.0	13.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.125	22.125	0.000	89	2580255	15.0	13.2	
91 tert-Butylbenzene	119	22.280	22.280	0.000	94	4746550	15.0	12.6	
92 1,2,4-Trimethylbenzene	105	22.366	22.366	0.000	98	4803558	15.0	12.8	
93 sec-Butylbenzene	105	22.607	22.606	0.000	98	7026596	15.0	12.8	
94 1,3-Dichlorobenzene	146	22.772	22.772	0.000	98	3533020	15.0	12.5	
95 4-Isopropyltoluene	119	22.820	22.820	0.000	97	6137203	15.0	12.8	
96 1,4-Dichlorobenzene	146	22.911	22.911	0.000	95	3519841	15.0	12.6	
97 Benzyl chloride	91	23.051	23.050	0.001	99	3942682	15.0	12.8	
98 n-Butylbenzene	91	23.377	23.377	0.000	98	5743403	15.0	13.0	
99 1,2-Dichlorobenzene	146	23.398	23.398	0.000	96	3412963	15.0	12.4	
100 Undecane	57	23.537	23.537	0.000	92	2829331	15.0	14.0	
101 Dodecane	57	25.116	25.115	0.001	93	2811649	15.0	14.0	
102 1,2,4-Trichlorobenzene	180	25.832	25.832	0.000	94	2859185	17.6	16.0	
103 Hexachlorobutadiene	225	26.089	26.089	0.000	95	2202797	16.9	13.7	
104 Naphthalene	128	26.303	26.303	0.000	99	6394489	17.8	15.4	
105 1,2,3-Trichlorobenzene	180	26.715	26.715	0.000	95	2738875	17.5	15.7	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL5w_00154	Amount Added: 200.00	Units: mL	
ATTO15CISs_00012	Amount Added: 20.00	Units: mL	Run Reagent

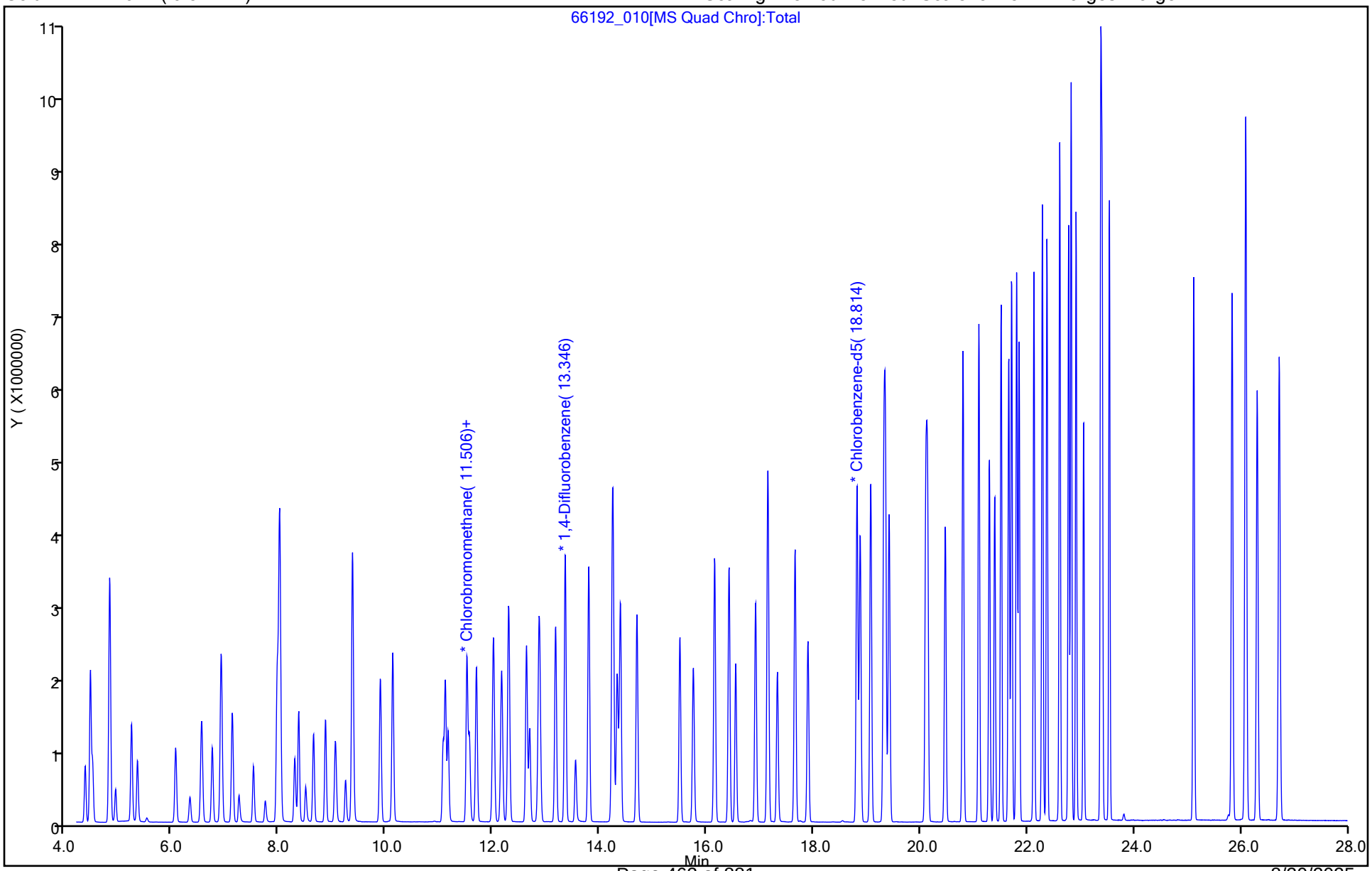
Report Date: 05-Aug-2025 06:56:01 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_010.D

Injection Date:	04-Aug-2025 16:06:32	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	IC			Worklist Smp#:	10
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

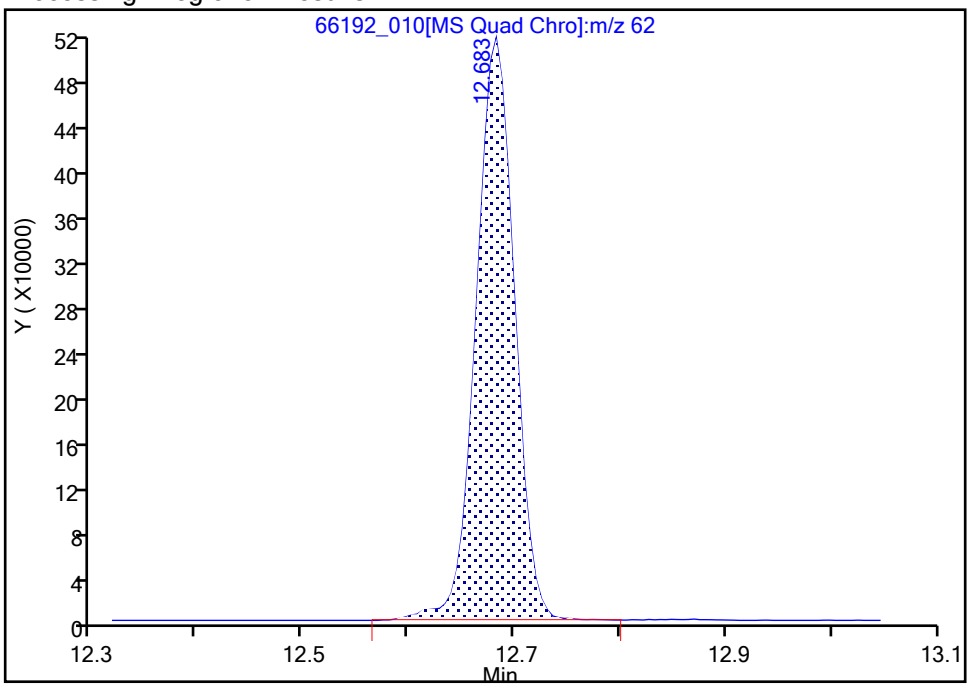
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_010.D				
Injection Date:	04-Aug-2025 16:06:32	Instrument ID:	CHAN.i		
Lims ID:	IC				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	11	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

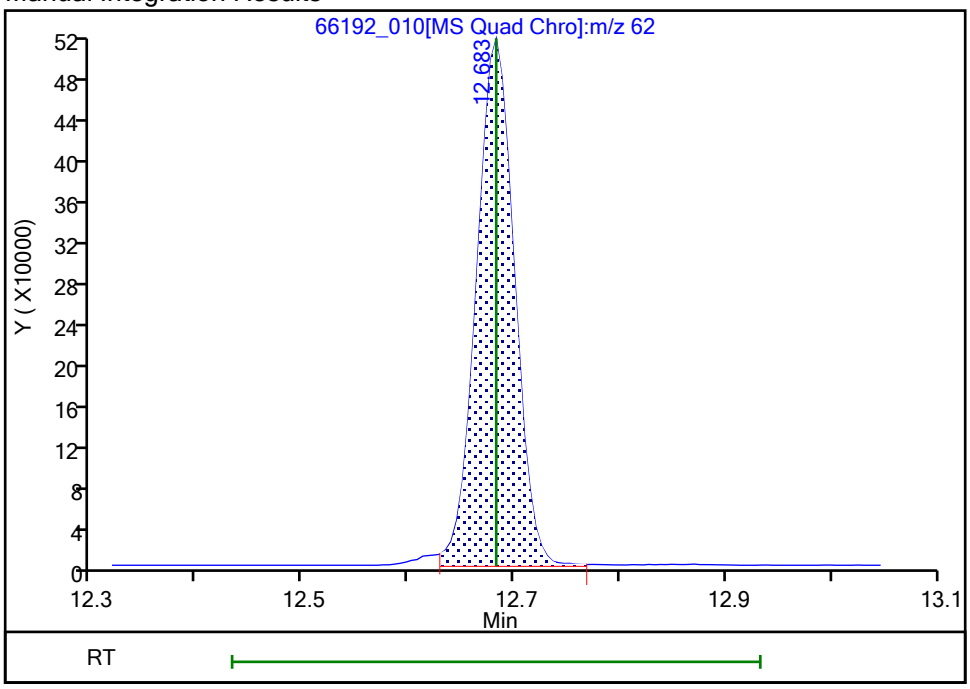
Processing Integration Results

RT: 12.68
Area: 1293765
Amount: 12.658088
Amount Units: ppb v/v



Manual Integration Results

RT: 12.68
Area: 1278119
Amount: 12.542661
Amount Units: ppb v/v



Reviewer: F7XK, 05-Aug-2025 10:22:55 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_011.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 04-Aug-2025 16:57:50 ALS Bottle#: 12 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066192-011
Operator ID: wrd Instrument ID: CHAN.i
Sublist: chrom-TO15_TO3_Master_Method_AN*sub1

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 05-Aug-2025 06:56:02 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1713

First Level Reviewer: F7XK Date: 05-Aug-2025 10:29:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.358	4.364	-0.006	97	752969	20.0	19.4	
2 Dichlorodifluoromethane	85	4.460	4.460	0.000	99	3503821	20.0	18.1	
3 Chlorodifluoromethane	51	4.497	4.497	0.000	96	1604659	20.0	17.9	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.818	4.818	0.000	94	3394125	20.0	17.0	
5 Chloromethane	50	4.931	4.931	0.000	99	755390	20.0	17.6	
6 Vinyl chloride	62	5.225	5.225	0.000	99	952429	20.0	15.7	
7 Butane	43	5.230	5.230	0.000	96	1259936	20.0	18.1	
8 Butadiene	54	5.337	5.337	0.000	98	632496	20.0	16.5	
9 Bromomethane	94	6.054	6.054	0.000	98	1173864	20.0	16.9	
10 Chloroethane	64	6.322	6.322	0.000	100	547262	20.0	18.0	
12 2-Methylbutane	43	6.541	6.541	0.000	89	1083375	20.0	16.7	
13 Vinyl bromide	106	6.739	6.739	0.000	97	1259354	20.0	17.1	
14 Trichlorofluoromethane	101	6.905	6.905	0.000	99	3831317	20.0	17.0	
15 Pentane	43	7.114	7.113	0.001	94	1686341	20.0	18.0	
16 Ethanol	45	7.237	7.242	-0.005	97	967072	40.0	38.3	
18 Ethyl ether	59	7.509	7.515	-0.006	90	723818	20.0	17.3	
19 Acrolein	56	7.729	7.734	-0.005	97	409990	23.4	22.9	
20 1,1-Dichloroethene	96	7.953	7.953	0.000	97	1330790	20.0	16.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.002	8.002	0.000	98	2998449	20.0	16.9	
22 Acetone	43	8.002	8.007	-0.005	99	1617166	20.0	19.0	
23 Isopropyl alcohol	45	8.285	8.285	0.000	100	1796436	23.2	22.1	
24 Carbon disulfide	76	8.360	8.355	0.005	100	3487935	20.0	17.9	
25 Acetonitrile	41	8.488	8.488	0.000	98	791083	20.0	19.1	
26 3-Chloro-1-propene	41	8.633	8.633	0.000	97	1241080	20.0	16.8	
27 Methylene Chloride	49	8.858	8.857	0.001	87	1213132	20.0	17.4	
28 2-Methyl-2-propanol	59	9.045	9.050	-0.005	99	2286129	20.0	19.4	
29 Acrylonitrile	53	9.237	9.237	0.000	94	710082	20.0	18.6	
30 trans-1,2-Dichloroethene	61	9.366	9.366	0.000	96	1653890	20.0	16.3	
31 Methyl tert-butyl ether	73	9.366	9.371	-0.005	96	3536497	20.0	17.2	
32 Hexane	57	9.890	9.890	0.000	91	1604501	20.0	17.2	
33 1,1-Dichloroethane	63	10.115	10.115	0.000	99	2112944	20.0	16.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.120	10.120	0.000	99	2499767	22.8	22.6	
S 35 1,2-Dichloroethene, Total	61				0		40.0	32.4	
36 2-Butanone (MEK)	72	11.062	11.062	0.000	98	623907	20.0	17.5	
37 cis-1,2-Dichloroethene	96	11.104	11.104	0.000	92	1471322	20.0	16.1	
38 Ethyl acetate	88	11.158	11.163	-0.005	100	113944	20.0	19.1	
* 39 Chlorobromomethane	128	11.506	11.511	-0.005	75	817466	10.0	10.0	
40 Tetrahydrofuran	42	11.548	11.554	-0.006	87	1183639	20.0	19.1	
41 Chloroform	83	11.682	11.682	0.000	96	2890507	20.0	17.1	
42 1,1,1-Trichloroethane	97	12.003	12.003	0.000	97	3202564	20.0	17.3	
43 Cyclohexane	84	12.158	12.158	0.000	92	1704260	20.0	17.4	
44 Carbon tetrachloride	117	12.287	12.287	0.000	98	3627652	20.0	17.1	
45 Benzene	78	12.624	12.624	0.000	95	3836778	20.0	17.2	
46 1,2-Dichloroethane	62	12.683	12.683	0.000	91	1789134	20.0	17.4	M
47 Isooctane	57	12.859	12.859	0.000	98	5204675	20.0	17.3	
48 n-Heptane	43	13.169	13.164	0.005	89	1887110	20.0	17.2	
* 49 1,4-Difluorobenzene	114	13.346	13.346	0.000	93	3927021	10.0	10.0	
50 n-Butanol	56	13.544	13.544	0.000	91	815646	20.0	19.6	
51 Trichloroethene	95	13.790	13.790	0.000	99	1992283	20.0	16.9	
53 1,2-Dichloropropane	63	14.229	14.229	0.000	86	1360343	20.0	17.3	
54 Methyl methacrylate	69	14.320	14.320	0.000	96	1373280	20.0	19.0	M
55 1,4-Dioxane	88	14.346	14.357	-0.011	88	829264	20.0	17.9	
57 Dibromomethane	174	14.384	14.384	0.000	95	1887577	20.0	17.4	
58 Dichlorobromomethane	83	14.689	14.689	0.000	98	3235134	20.0	17.7	
59 cis-1,3-Dichloropropene	75	15.497	15.497	0.000	93	2594146	20.0	18.1	
61 4-Methyl-2-pentanone (MIBK)	43	15.748	15.748	0.000	98	2606132	20.0	18.9	
62 Toluene	92	16.144	16.144	0.000	94	2966193	20.0	17.4	
A 63 Toluene Range	1	16.149	(16.074-16.224)		0	11831277	NC	NC	
A 65 C8 Range	1	16.417	(16.336-16.497)		0	11485392	NC	NC	
64 n-Octane	43	16.417	16.417	0.000	88	2676858	20.0	17.6	
66 trans-1,3-Dichloropropene	75	16.540	16.540	0.000	97	2118605	20.0	18.2	
67 1,1,2-Trichloroethane	83	16.909	16.914	-0.005	97	1490218	20.0	17.1	
68 Tetrachloroethene	166	17.144	17.144	0.000	96	2789484	20.0	16.7	
69 2-Hexanone	43	17.321	17.321	0.000	95	2510609	20.0	19.3	
70 Chlorodibromomethane	129	17.653	17.653	0.001	96	3804785	20.0	18.2	
71 Ethylene Dibromide	107	17.893	17.893	0.000	98	3029770	20.0	17.7	
* 73 Chlorobenzene-d5	117	18.813	18.813	0.000	85	3649281	10.0	10.0	
74 Chlorobenzene	112	18.867	18.872	-0.005	97	4321763	20.0	17.1	
75 Ethylbenzene	91	19.070	19.065	0.005	98	6659047	20.0	17.4	
76 m-Xylene & p-Xylene	106	19.332	19.327	0.005	0	5377020	40.0	35.3	
77 n-Nonane	57	19.413	19.413	0.000	86	2564528	20.0	17.3	
S 80 Xylenes, Total	106				0		60.0	53.0	
78 o-Xylene	106	20.103	20.103	0.000	99	2625466	20.0	17.7	
79 Styrene	104	20.130	20.135	-0.005	98	4334710	20.0	18.2	
81 Bromoform	173	20.467	20.461	0.006	94	3455891	20.0	19.4	
82 Isopropylbenzene	105	20.793	20.793	0.000	98	7871588	20.0	17.6	
83 1,1,2,2-Tetrachloroethane	83	21.290	21.290	0.000	99	3906473	20.0	17.3	
84 1,2,3-Trichloropropane	75	21.387	21.387	0.000	96	2979424	20.0	18.1	
85 N-Propylbenzene	91	21.510	21.510	0.000	99	9041696	20.0	17.4	
86 2-Chlorotoluene	91	21.654	21.654	0.000	97	5647557	20.0	17.5	
87 4-Ethyltoluene	105	21.708	21.708	0.000	98	7714486	20.0	17.6	
88 1,3,5-Trimethylbenzene	105	21.799	21.799	0.000	93	6625926	20.0	17.8	
89 n-Decane	57	21.847	21.847	0.000	93	3339662	20.0	18.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.125	22.125	0.000	89	3672419	20.0	18.7	
91 tert-Butylbenzene	119	22.280	22.280	0.000	93	6655711	20.0	17.6	
92 1,2,4-Trimethylbenzene	105	22.366	22.366	0.000	98	6698889	20.0	17.7	
93 sec-Butylbenzene	105	22.606	22.606	0.000	98	9721020	20.0	17.5	
94 1,3-Dichlorobenzene	146	22.772	22.772	0.000	97	5043935	20.0	17.6	
95 4-Isopropyltoluene	119	22.820	22.820	0.000	96	8534474	20.0	17.7	
96 1,4-Dichlorobenzene	146	22.911	22.911	0.000	94	5032358	20.0	17.8	
97 Benzyl chloride	91	23.056	23.050	0.006	99	5681513	20.0	18.3	
98 n-Butylbenzene	91	23.377	23.377	0.000	98	7958218	20.0	17.8	
99 1,2-Dichlorobenzene	146	23.404	23.398	0.006	96	4853047	20.0	17.5	
100 Undecane	57	23.537	23.537	0.000	92	3917939	20.0	19.2	
101 Dodecane	57	25.116	25.115	0.001	93	3899892	20.0	19.3	
102 1,2,4-Trichlorobenzene	180	25.832	25.832	0.000	95	4122174	23.5	22.8	
103 Hexachlorobutadiene	225	26.089	26.089	0.000	91	3196734	22.5	19.6	
104 Naphthalene	128	26.303	26.303	0.000	99	9034918	23.8	21.5	
105 1,2,3-Trichlorobenzene	180	26.715	26.715	0.000	96	3976171	23.3	22.5	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL6w_00244	Amount Added: 200.00	Units: mL	
ATTO15CISs_00012	Amount Added: 20.00	Units: mL	Run Reagent

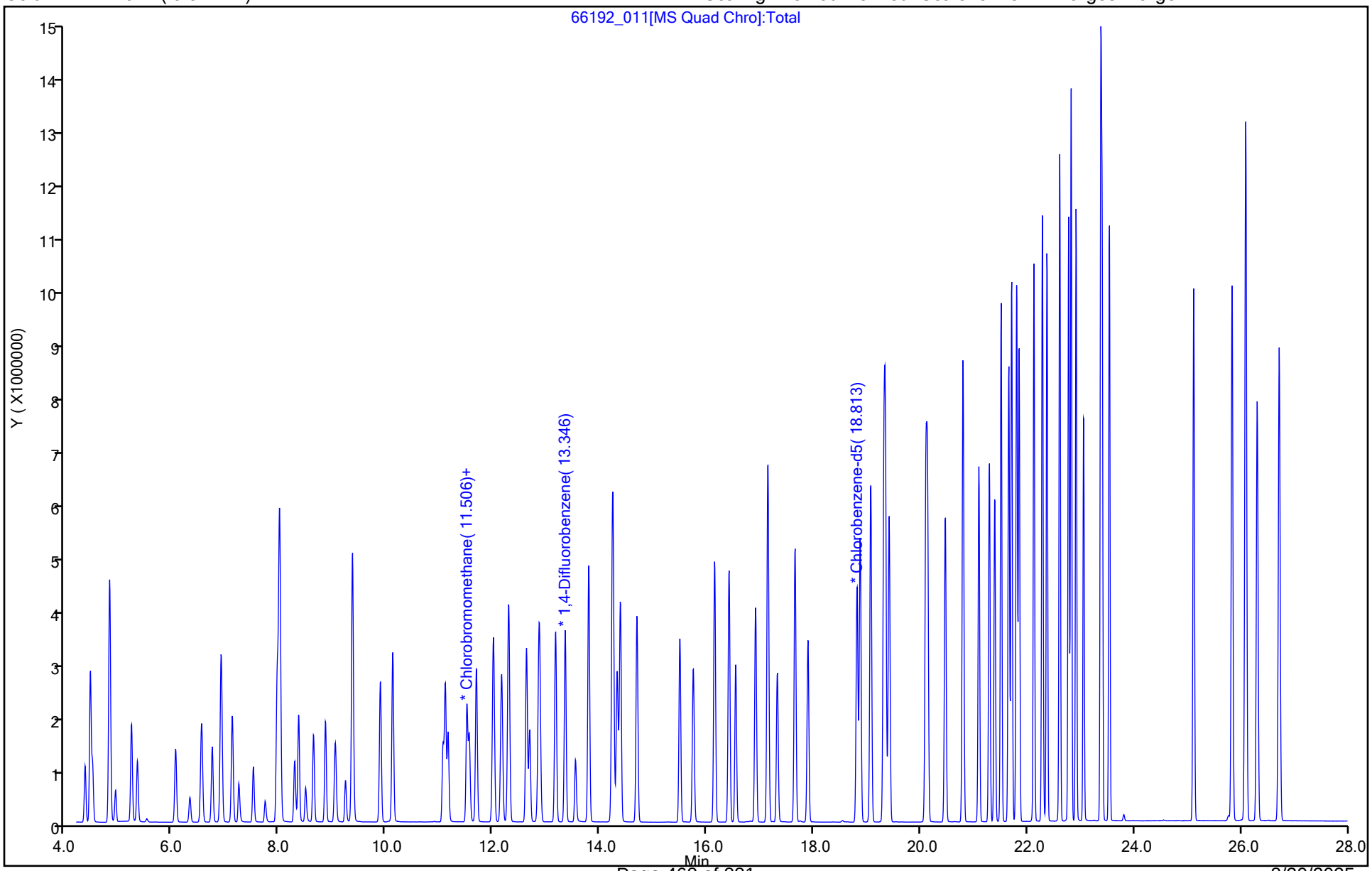
Report Date: 05-Aug-2025 06:56:03 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_011.D

Injection Date:	04-Aug-2025 16:57:50	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	IC			Worklist Smp#:	11
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

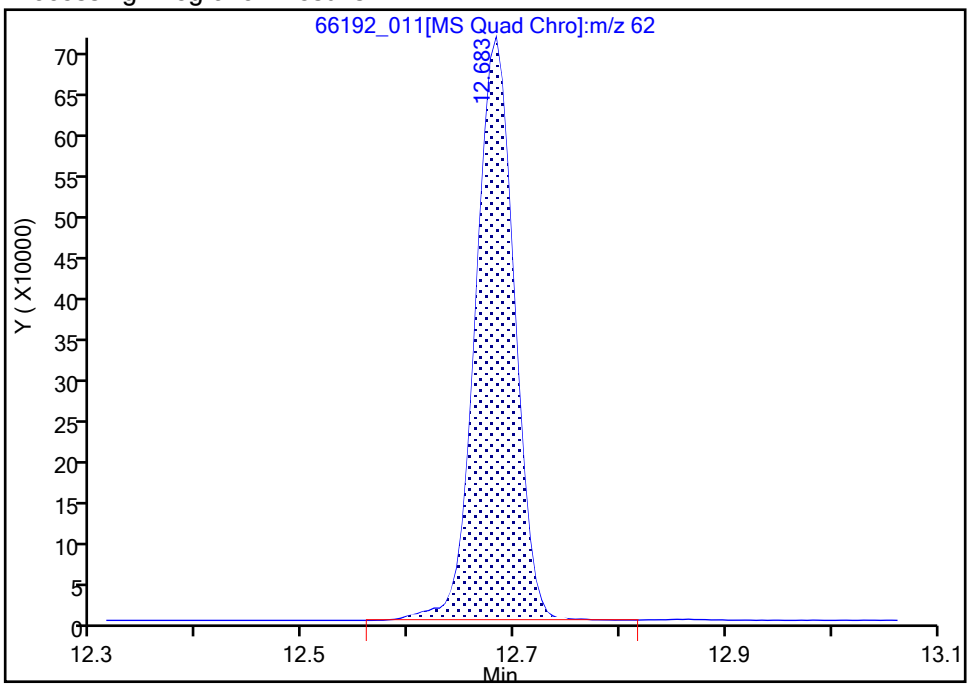
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_011.D				
Injection Date:	04-Aug-2025 16:57:50	Instrument ID:	CHAN.i		
Lims ID:	IC				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	12	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

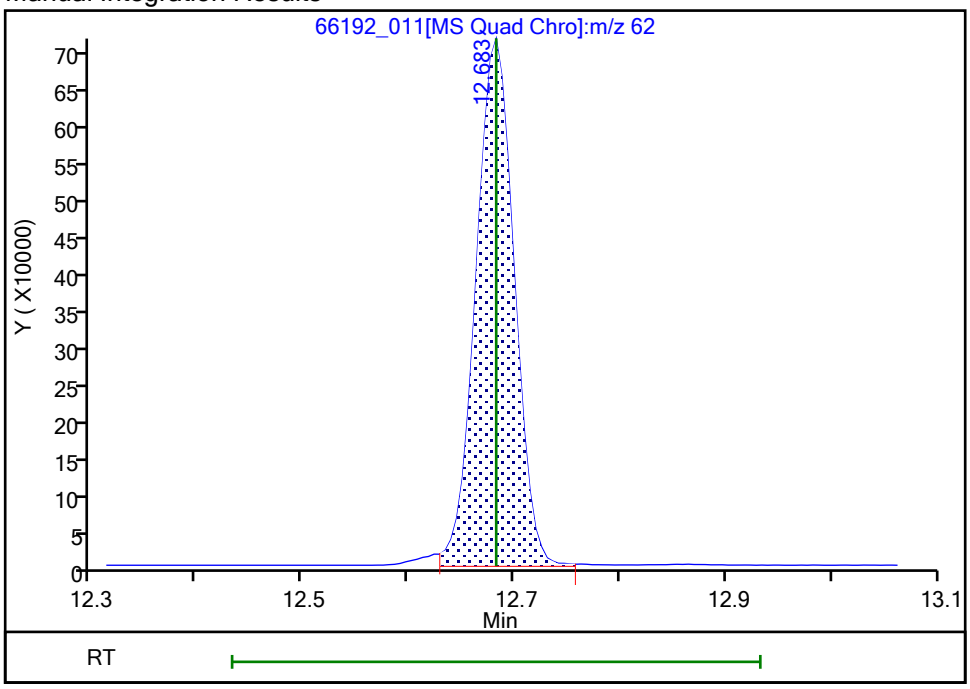
Processing Integration Results

RT: 12.68
Area: 1811380
Amount: 17.626625
Amount Units: ppb v/v



Manual Integration Results

RT: 12.68
Area: 1789134
Amount: 17.437116
Amount Units: ppb v/v



Reviewer: F7XK, 05-Aug-2025 10:27:29 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

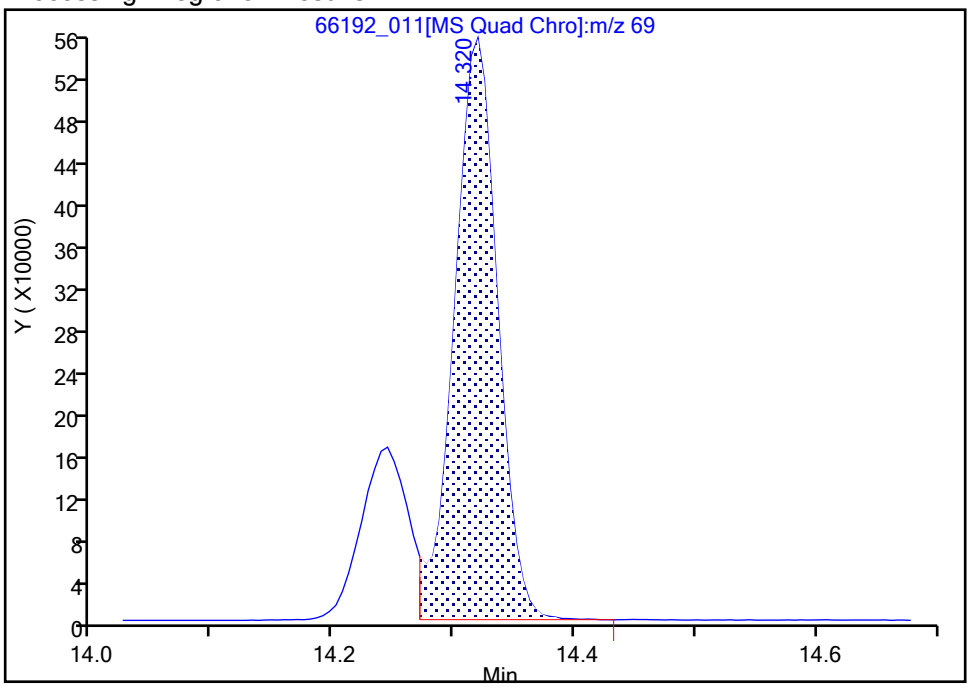
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_011.D				
Injection Date:	04-Aug-2025 16:57:50	Instrument ID:	CHAN.i		
Lims ID:	IC				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	12	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Signal: 1

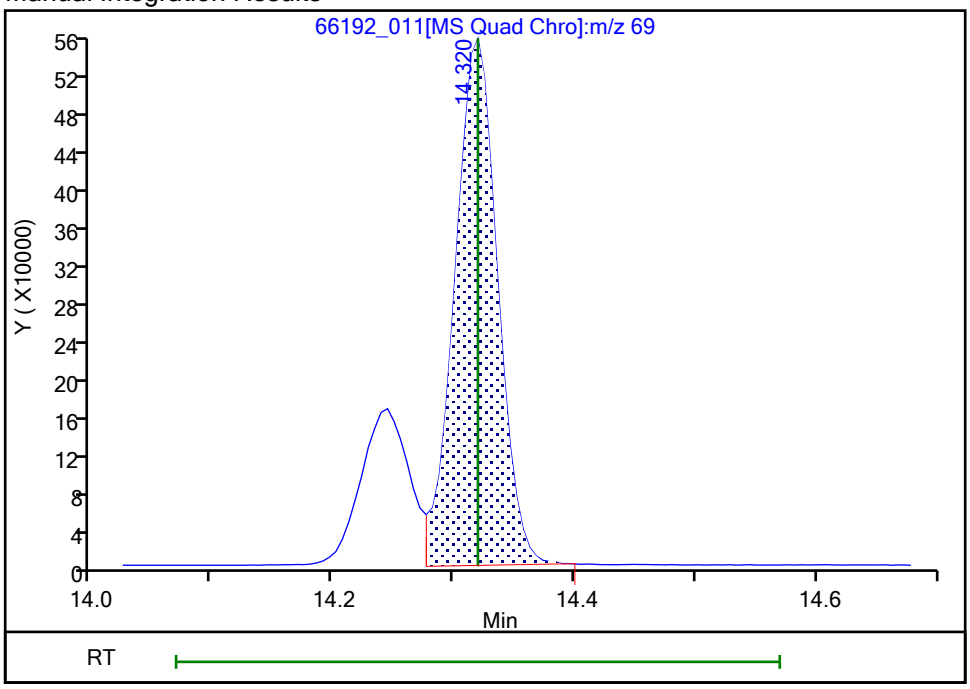
Processing Integration Results

RT: 14.32
Area: 1395160
Amount: 19.260649
Amount Units: ppb v/v



Manual Integration Results

RT: 14.32
Area: 1373280
Amount: 19.006440
Amount Units: ppb v/v



Reviewer: F7XK, 05-Aug-2025 10:28:12 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 04-Aug-2025 17:49:26 ALS Bottle#: 13 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066192-012
Operator ID: wrd Instrument ID: CHAN.i
Sublist: chrom-TO15_TO3_Master_Method_AN*sub1

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 05-Aug-2025 06:56:04 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1713

First Level Reviewer: F7XK Date: 05-Aug-2025 10:32:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.359	4.364	-0.006	97	1502026	40.0	36.6	
2 Dichlorodifluoromethane	85	4.460	4.460	0.000	99	7046810	40.0	34.4	
3 Chlorodifluoromethane	51	4.498	4.497	0.001	95	3223235	40.0	33.9	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.819	4.818	0.001	97	6837093	40.0	32.4	
5 Chloromethane	50	4.931	4.931	0.000	99	1512591	40.0	33.3	
6 Vinyl chloride	62	5.225	5.225	0.000	100	1921066	40.0	30.0	
7 Butane	43	5.231	5.230	0.001	96	2537475	40.0	34.6	
8 Butadiene	54	5.338	5.337	0.001	98	1272267	40.0	31.4	
9 Bromomethane	94	6.054	6.054	0.000	98	2392736	40.0	32.7	
10 Chloroethane	64	6.322	6.322	0.000	100	1087297	40.0	33.8	
12 2-Methylbutane	43	6.541	6.541	0.000	89	2172685	40.0	31.7	
13 Vinyl bromide	106	6.739	6.739	0.000	97	2566971	40.0	33.0	
14 Trichlorofluoromethane	101	6.905	6.905	0.000	99	7683061	40.0	32.2	
15 Pentane	43	7.114	7.113	0.001	94	3352376	40.0	33.8	
16 Ethanol	45	7.237	7.242	-0.005	98	2452156	100.0	91.8	
18 Ethyl ether	59	7.510	7.515	-0.005	89	1465148	40.0	33.1	
19 Acrolein	56	7.729	7.734	-0.005	97	741735	46.8	39.2	
20 1,1-Dichloroethene	96	7.954	7.953	0.001	97	2694688	40.0	31.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.002	8.002	0.000	97	6062424	40.0	32.3	
22 Acetone	43	7.996	8.007	-0.011	98	3250925	40.0	36.1	
23 Isopropyl alcohol	45	8.280	8.285	-0.005	100	3576245	46.4	41.5	
24 Carbon disulfide	76	8.360	8.355	0.005	100	6950871	40.0	33.8	
25 Acetonitrile	41	8.489	8.488	0.001	98	1580348	40.0	36.0	
26 3-Chloro-1-propene	41	8.638	8.633	0.005	97	2466268	40.0	31.6	
27 Methylene Chloride	49	8.858	8.857	0.001	86	2436375	40.0	33.1	
28 2-Methyl-2-propanol	59	9.040	9.050	-0.010	99	4588518	40.0	36.9	
29 Acrylonitrile	53	9.232	9.237	-0.005	93	1434976	40.0	35.6	
30 trans-1,2-Dichloroethene	61	9.366	9.366	0.000	77	3323092	40.0	31.0	
31 Methyl tert-butyl ether	73	9.361	9.371	-0.010	96	7225886	40.0	33.3	
32 Hexane	57	9.885	9.890	-0.005	91	3239796	40.0	32.9	
33 1,1-Dichloroethane	63	10.115	10.115	0.000	100	4241187	40.0	30.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.120	10.120	0.000	99	5178403	45.6	44.2	
S 35 1,2-Dichloroethene, Total	61				0		80.0	61.8	
36 2-Butanone (MEK)	72	11.062	11.062	0.000	98	1279531	40.0	33.9	
37 cis-1,2-Dichloroethene	96	11.105	11.104	0.001	91	2987991	40.0	30.8	
38 Ethyl acetate	88	11.153	11.163	-0.010	100	236467	40.0	37.6	
* 39 Chlorobromomethane	128	11.511	11.511	0.000	74	864176	10.0	10.0	
40 Tetrahydrofuran	42	11.549	11.554	-0.005	87	2391337	40.0	38.0	
41 Chloroform	83	11.688	11.682	0.006	96	5864782	40.0	32.7	
42 1,1,1-Trichloroethane	97	12.003	12.003	0.000	97	6559705	40.0	34.9	
43 Cyclohexane	84	12.158	12.158	0.000	92	3471046	40.0	34.8	
44 Carbon tetrachloride	117	12.287	12.287	0.000	98	7428529	40.0	34.5	
45 Benzene	78	12.624	12.624	0.000	95	7693313	40.0	33.9	
46 1,2-Dichloroethane	62	12.683	12.683	0.000	92	3658472	40.0	35.0	
47 Isooctane	57	12.865	12.859	0.006	97	10353407	40.0	33.7	
48 n-Heptane	43	13.170	13.164	0.006	89	3804500	40.0	34.1	
* 49 1,4-Difluorobenzene	114	13.351	13.346	0.005	93	3996588	10.0	10.0	
50 n-Butanol	56	13.539	13.544	-0.005	91	1652369	40.0	38.9	
51 Trichloroethene	95	13.790	13.790	0.000	99	4126563	40.0	34.3	
53 1,2-Dichloropropane	63	14.229	14.229	0.000	86	2738488	40.0	34.1	
54 Methyl methacrylate	69	14.320	14.320	0.000	96	2820818	40.0	38.4	
55 1,4-Dioxane	88	14.347	14.357	-0.010	88	1619257	40.0	34.3	
57 Dibromomethane	174	14.384	14.384	0.000	96	4177586	40.0	37.8	
58 Dichlorobromomethane	83	14.689	14.689	0.000	98	6483467	40.0	34.8	
59 cis-1,3-Dichloropropene	75	15.497	15.497	0.000	93	5293806	40.0	36.2	
61 4-Methyl-2-pentanone (MIBK)	43	15.743	15.748	-0.005	98	5223261	40.0	37.2	
62 Toluene	92	16.144	16.144	0.000	94	6043426	40.0	34.6	
A 63 Toluene Range	1	16.149	(16.074-16.224)		0	23972153	NC	NC	
A 65 C8 Range	1	16.417	(16.336-16.497)		0	23185384	NC	NC	
64 n-Octane	43	16.417	16.417	0.000	87	5369140	40.0	34.7	
66 trans-1,3-Dichloropropene	75	16.540	16.540	0.000	97	4373067	40.0	37.0	
67 1,1,2-Trichloroethane	83	16.914	16.914	0.000	96	3045861	40.0	34.0	
68 Tetrachloroethene	166	17.144	17.144	0.000	97	5875347	40.0	34.3	
69 2-Hexanone	43	17.316	17.321	-0.005	95	5043362	40.0	37.8	
70 Chlorodibromomethane	129	17.653	17.653	0.001	96	7465523	40.0	34.9	
71 Ethylene Dibromide	107	17.893	17.893	0.000	98	6232434	40.0	35.4	
* 73 Chlorobenzene-d5	117	18.808	18.813	-0.005	86	3741148	10.0	10.0	
74 Chlorobenzene	112	18.872	18.872	0.000	96	8776012	40.0	33.8	
75 Ethylbenzene	91	19.070	19.065	0.005	98	13267558	40.0	33.8	
76 m-Xylene & p-Xylene	106	19.327	19.327	0.000	0	10958593	80.0	70.2	
77 n-Nonane	57	19.413	19.413	0.000	85	5147215	40.0	33.9	
S 80 Xylenes, Total	106				0		120.0	105.7	
78 o-Xylene	106	20.103	20.103	0.000	99	5392452	40.0	35.5	
79 Styrene	104	20.135	20.135	0.000	98	8776489	40.0	36.0	
81 Bromoform	173	20.461	20.461	0.000	94	6004318	40.0	32.9	
82 Isopropylbenzene	105	20.798	20.793	0.005	97	15423452	40.0	33.6	
83 1,1,2,2-Tetrachloroethane	83	21.291	21.290	0.001	99	7845089	40.0	33.8	
84 1,2,3-Trichloropropane	75	21.392	21.387	0.005	96	6027994	40.0	35.6	
85 N-Propylbenzene	91	21.510	21.510	0.000	98	17188964	40.0	32.3	
86 2-Chlorotoluene	91	21.654	21.654	0.000	96	11175466	40.0	33.8	
87 4-Ethyltoluene	105	21.708	21.708	0.000	97	14932906	40.0	33.3	
88 1,3,5-Trimethylbenzene	105	21.799	21.799	0.000	94	13009684	40.0	34.0	
89 n-Decane	57	21.847	21.847	0.000	93	6623090	40.0	34.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.125	22.125	0.000	89	7536745	40.0	37.4	
91 tert-Butylbenzene	119	22.280	22.280	0.000	94	13114716	40.0	33.7	
92 1,2,4-Trimethylbenzene	105	22.371	22.366	0.005	97	13086791	40.0	33.7	
93 sec-Butylbenzene	105	22.607	22.606	0.001	95	17671177	40.0	31.0	e
94 1,3-Dichlorobenzene	146	22.772	22.772	0.000	97	10243510	40.0	34.9	
95 4-Isopropyltoluene	119	22.821	22.820	0.001	94	16071477	40.0	32.5	e
96 1,4-Dichlorobenzene	146	22.912	22.911	0.001	93	10133572	40.0	35.0	
97 Benzyl chloride	91	23.056	23.050	0.006	99	11211301	40.0	35.2	
98 n-Butylbenzene	91	23.377	23.377	0.000	98	14955824	40.0	32.7	
99 1,2-Dichlorobenzene	146	23.398	23.398	0.000	95	9892254	40.0	34.8	
100 Undecane	57	23.537	23.537	0.000	91	7701593	40.0	36.8	
101 Dodecane	57	25.116	25.115	0.001	92	7743557	40.0	37.3	
102 1,2,4-Trichlorobenzene	180	25.838	25.832	0.006	95	8618922	46.9	46.5	
103 Hexachlorobutadiene	225	26.089	26.089	0.000	90	6722047	45.0	40.3	
104 Naphthalene	128	26.303	26.303	0.000	98	17582665	47.6	40.9	
105 1,2,3-Trichlorobenzene	180	26.721	26.715	0.006	96	8264642	46.6	45.7	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

e - Potential Peak Saturated

Reagents:

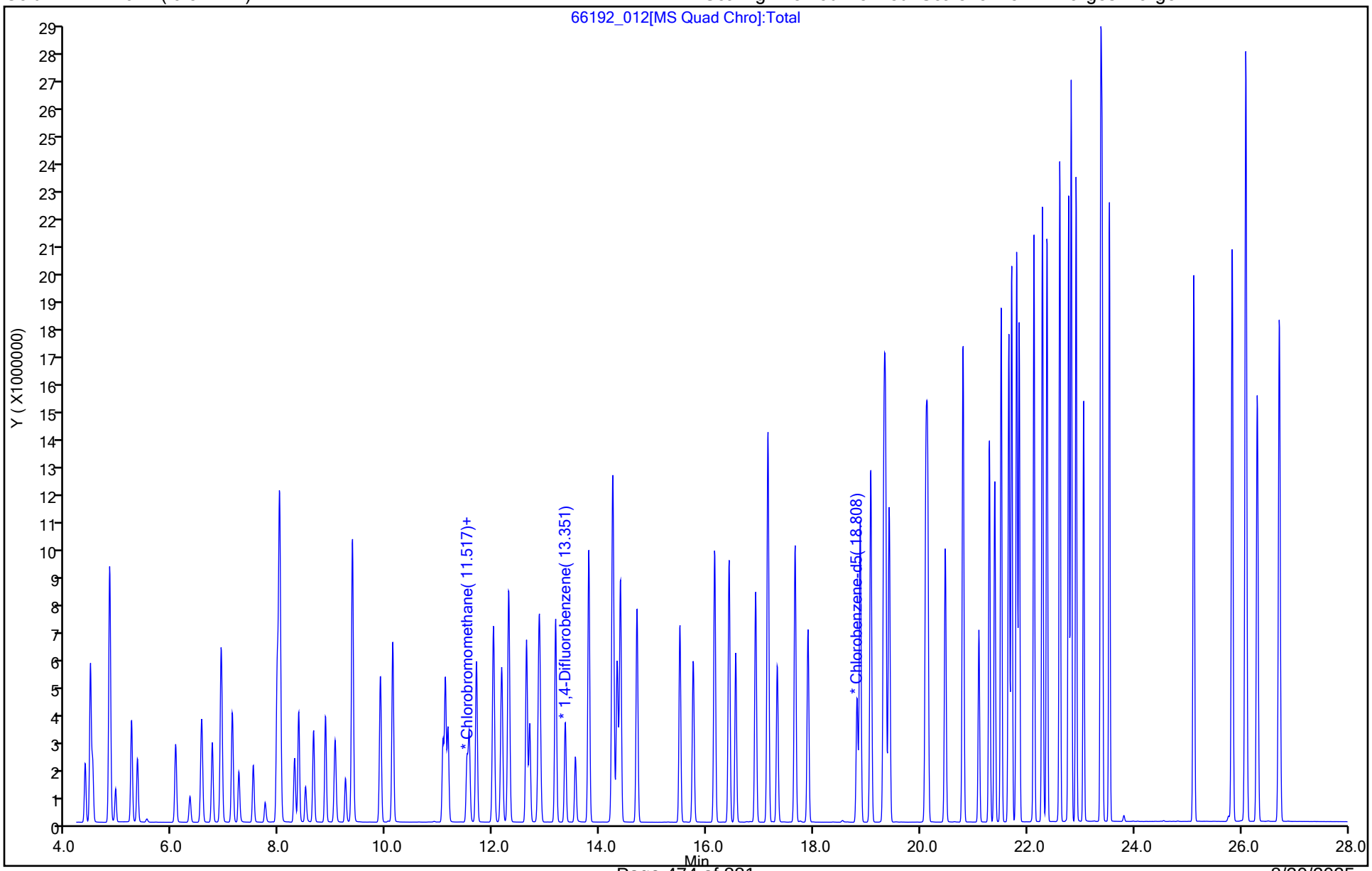
ATTO15CAL7w_00154	Amount Added: 200.00	Units: mL	
ATTO15CISs_00012	Amount Added: 20.00	Units: mL	Run Reagent

Report Date: 05-Aug-2025 06:56:04 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D				
Injection Date:	04-Aug-2025 17:49:26	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	12
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



8/20/2025
2:57:54 PM

Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

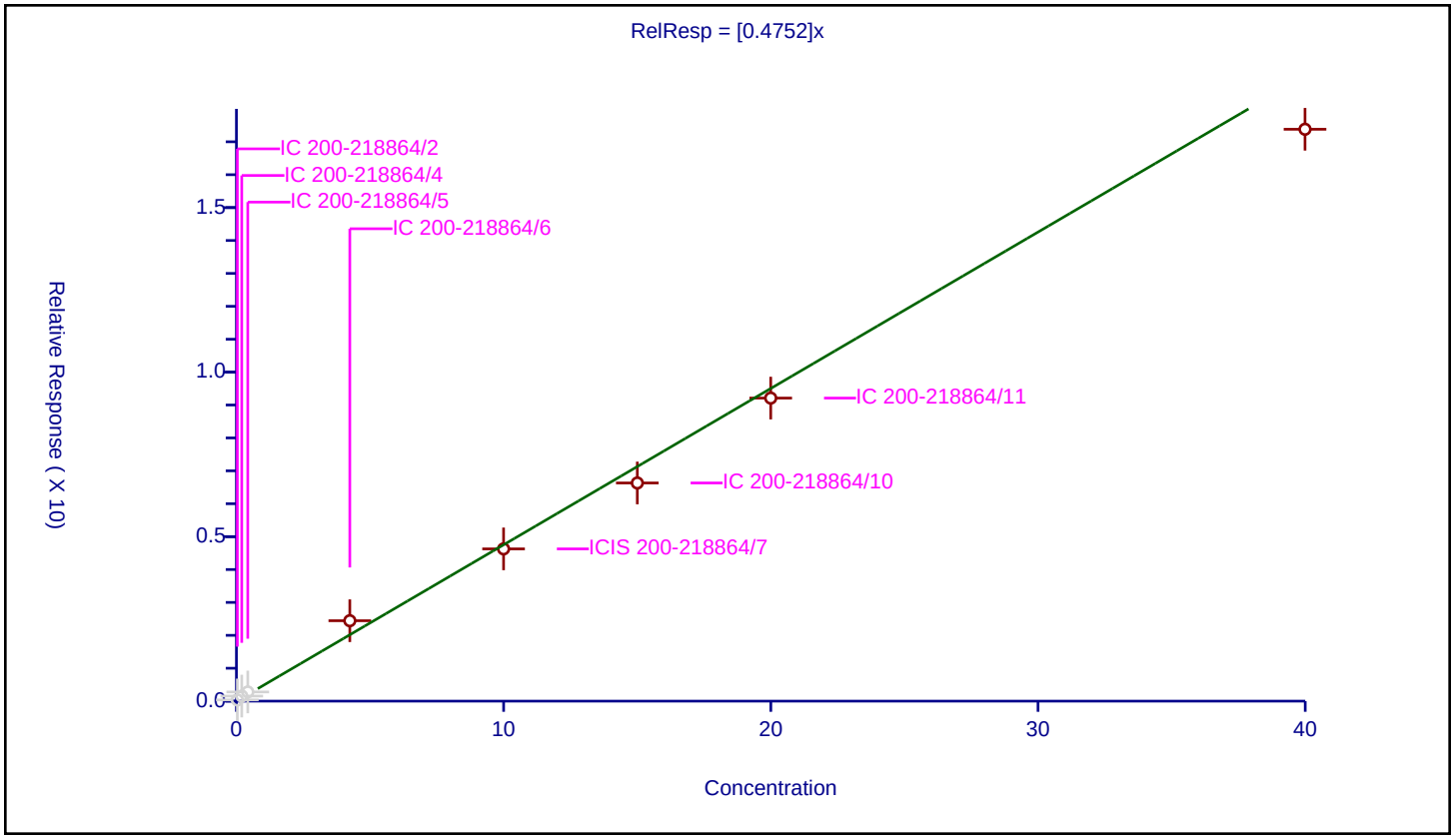
Curve Coefficients

Intercept:	0
Slope:	0.4752

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.036677	10.0	848220.0	1.046961	N
2	IC 200-218864/4	0.200181	0.15451	10.0	805190.0	0.771852	N
3	IC 200-218864/5	0.425385	0.27901	10.0	844664.0	0.655901	N
4	IC 200-218864/6	4.243678	2.444239	10.0	772228.0	0.575972	Y
5	ICIS 200-218864/7	9.99806	4.627657	10.0	804083.0	0.462855	Y
6	IC 200-218864/10	15.003557	6.630812	10.0	800914.0	0.441949	Y
7	IC 200-218864/11	19.99612	9.211013	10.0	817466.0	0.46064	Y
8	IC 200-218864/12	39.99224	17.38102	10.0	864176.0	0.43461	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

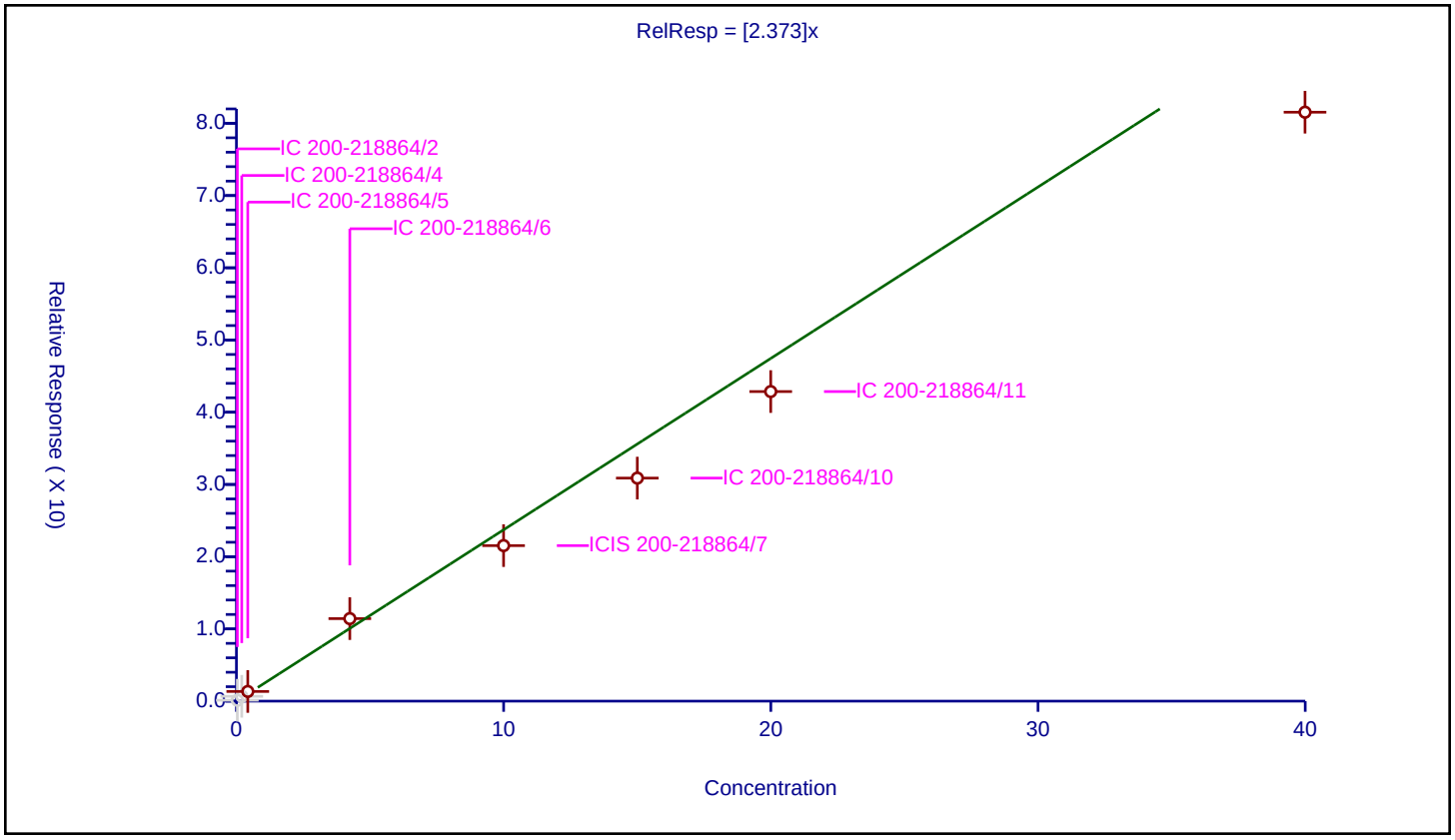
Curve Coefficients

Intercept:	0
Slope:	2.373

Error Coefficients

Relative Standard Deviation:	19.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.123305	10.0	848220.0	3.519822	N
2	IC 200-218864/4	0.200181	0.669643	10.0	805190.0	3.345188	N
3	IC 200-218864/5	0.425385	1.339586	10.0	844664.0	3.149116	Y
4	IC 200-218864/6	4.243678	11.426664	10.0	772228.0	2.692632	Y
5	ICIS 200-218864/7	9.99806	21.534792	10.0	804083.0	2.153897	Y
6	IC 200-218864/10	15.003557	30.883753	10.0	800914.0	2.058429	Y
7	IC 200-218864/11	19.99612	42.861978	10.0	817466.0	2.143515	Y
8	IC 200-218864/12	39.99224	81.54369	10.0	864176.0	2.038988	Y



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Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

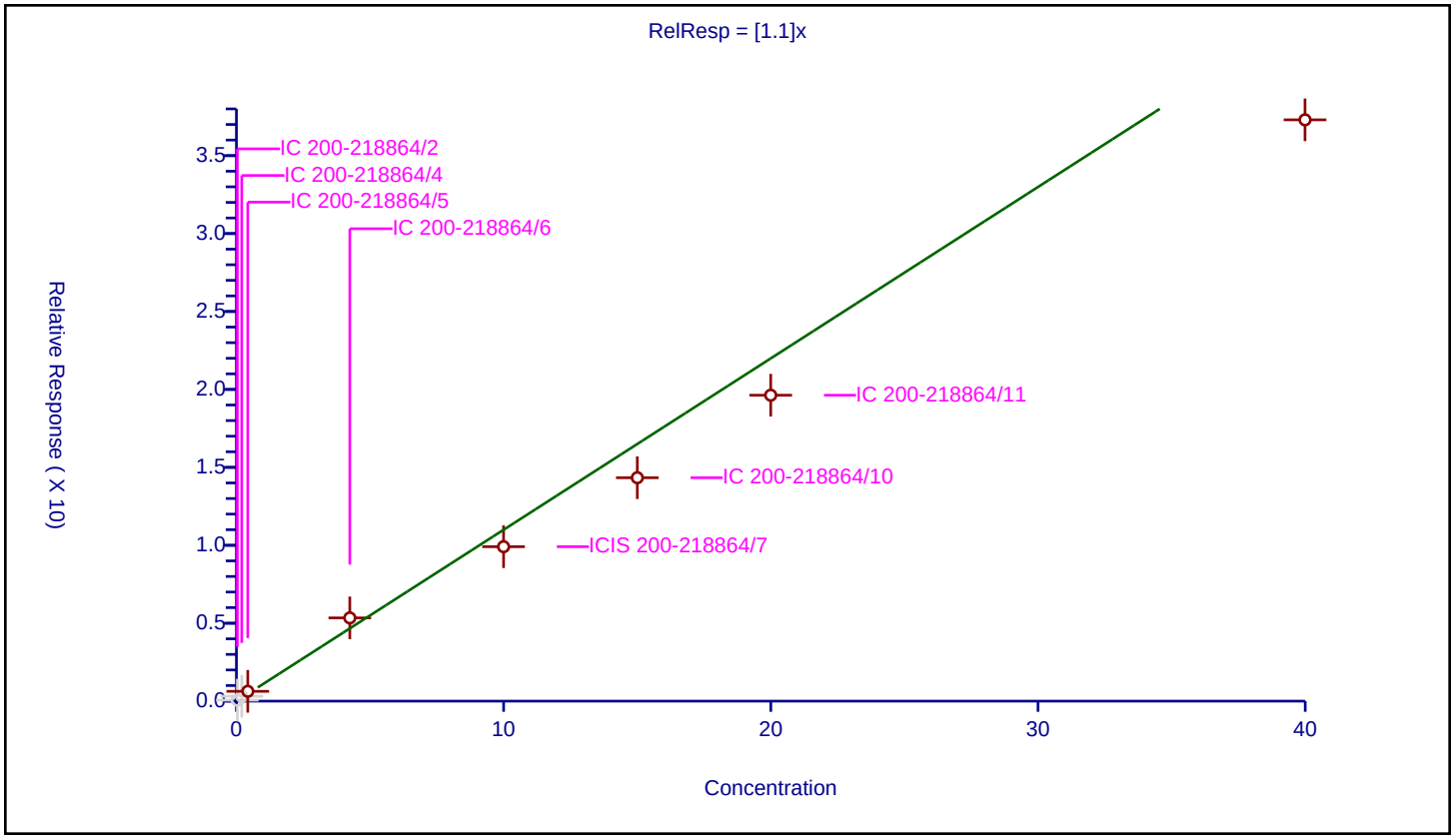
Curve Coefficients

Intercept:	0
Slope:	1.1

Error Coefficients

Relative Standard Deviation:	20.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.063533	10.0	848220.0	1.813588	N
2	IC 200-218864/4	0.200181	0.315155	10.0	805190.0	1.574352	N
3	IC 200-218864/5	0.425385	0.629019	10.0	844664.0	1.478707	Y
4	IC 200-218864/6	4.243678	5.340638	10.0	772228.0	1.258493	Y
5	ICIS 200-218864/7	9.99806	9.908616	10.0	804083.0	0.991054	Y
6	IC 200-218864/10	15.003557	14.334286	10.0	800914.0	0.955392	Y
7	IC 200-218864/11	19.99612	19.629673	10.0	817466.0	0.981674	Y
8	IC 200-218864/12	39.99224	37.298363	10.0	864176.0	0.93264	Y



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Calibration / 1,2-Dichloro-1,1,2,2-tetrafluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

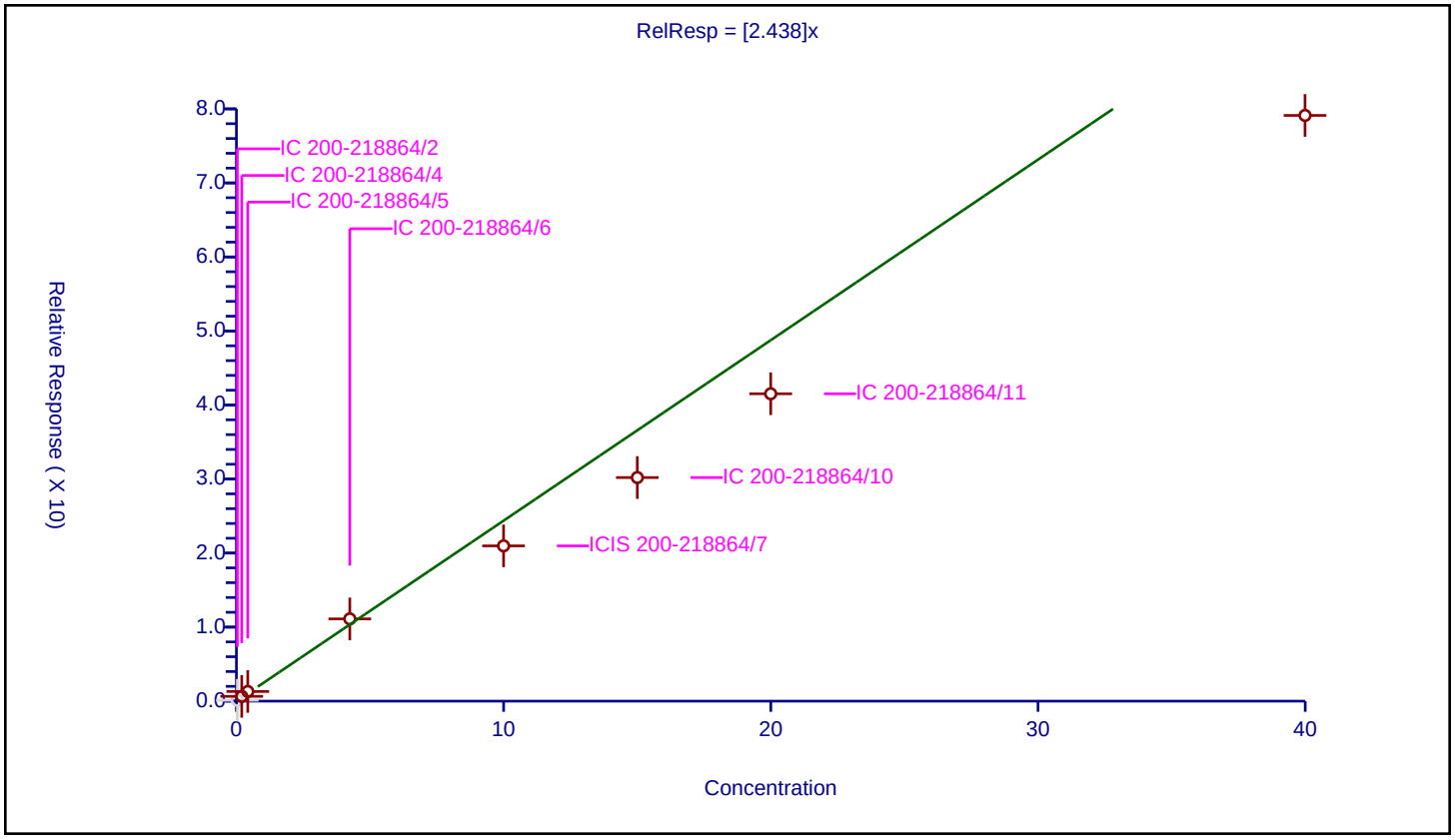
Curve Coefficients

Intercept:	0
Slope:	2.438

Error Coefficients

Relative Standard Deviation:	21.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.120464	10.0	848220.0	3.438717	N
2	IC 200-218864/4	0.200181	0.644245	10.0	805190.0	3.218314	Y
3	IC 200-218864/5	0.425385	1.303868	10.0	844664.0	3.065149	Y
4	IC 200-218864/6	4.243678	11.112741	10.0	772228.0	2.618658	Y
5	ICIS 200-218864/7	9.99806	20.972586	10.0	804083.0	2.097666	Y
6	IC 200-218864/10	15.003557	30.202069	10.0	800914.0	2.012994	Y
7	IC 200-218864/11	19.99612	41.520075	10.0	817466.0	2.076407	Y
8	IC 200-218864/12	39.99224	79.116904	10.0	864176.0	1.978306	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

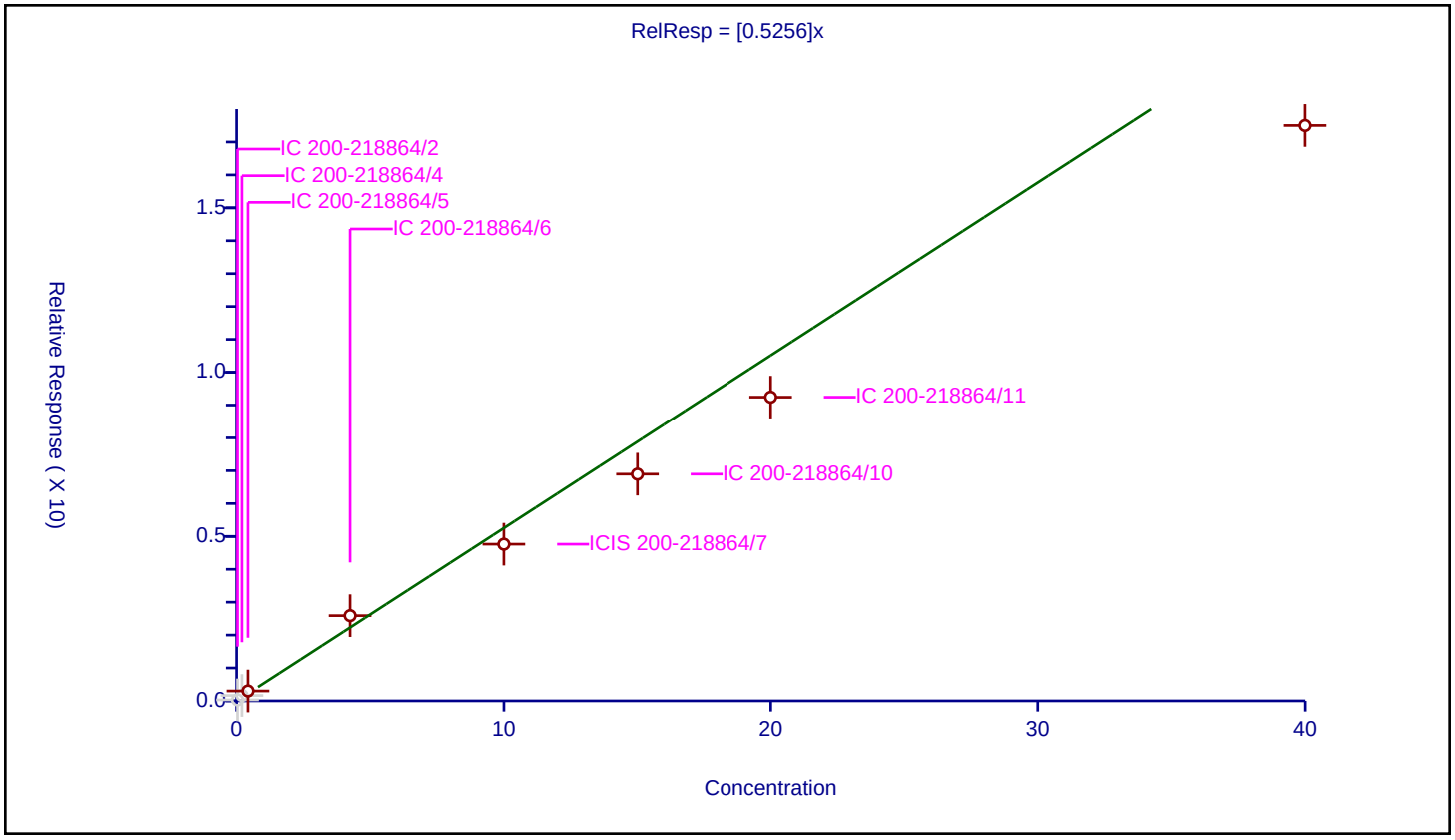
Curve Coefficients

Intercept:	0
Slope:	0.5256

Error Coefficients

Relative Standard Deviation:	20.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.029143	10.0	848220.0	0.831915	N
2	IC 200-218864/4	0.200181	0.164309	10.0	805190.0	0.820802	N
3	IC 200-218864/5	0.425385	0.300759	10.0	844664.0	0.707027	Y
4	IC 200-218864/6	4.243678	2.590983	10.0	772228.0	0.610551	Y
5	ICIS 200-218864/7	9.99806	4.764197	10.0	804083.0	0.476512	Y
6	IC 200-218864/10	15.003557	6.896234	10.0	800914.0	0.45964	Y
7	IC 200-218864/11	19.99612	9.240629	10.0	817466.0	0.462121	Y
8	IC 200-218864/12	39.99224	17.503275	10.0	864176.0	0.437667	Y



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Calibration / Butane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

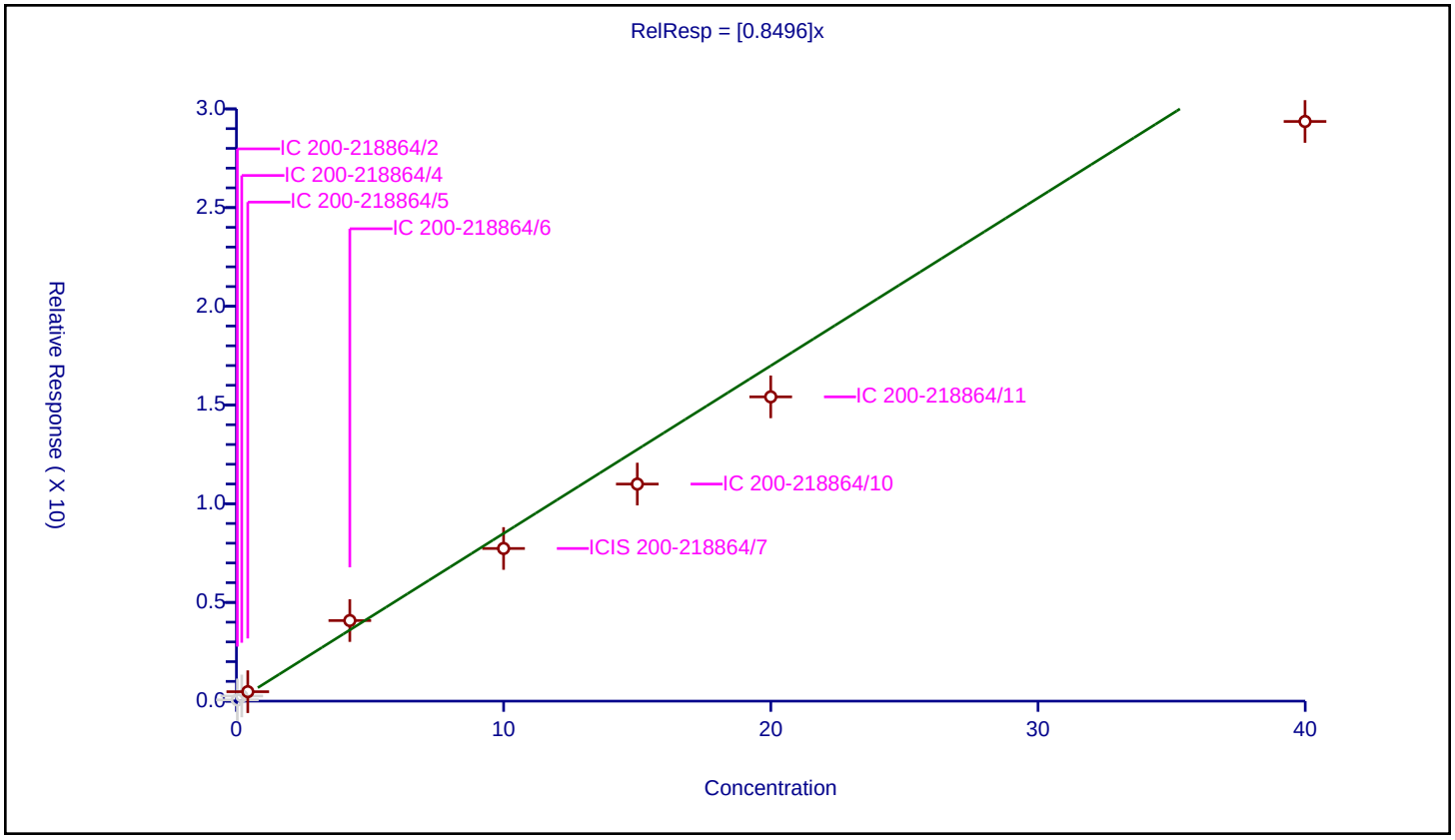
Curve Coefficients

Intercept:	0
Slope:	0.8496

Error Coefficients

Relative Standard Deviation:	18.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.062307	10.0	848220.0	1.778589	N
2	IC 200-218864/4	0.200181	0.261193	10.0	805190.0	1.304784	N
3	IC 200-218864/5	0.425385	0.478238	10.0	844664.0	1.124247	Y
4	IC 200-218864/6	4.243678	4.082033	10.0	772228.0	0.961909	Y
5	ICIS 200-218864/7	9.99806	7.732821	10.0	804083.0	0.773432	Y
6	IC 200-218864/10	15.003557	10.99565	10.0	800914.0	0.73287	Y
7	IC 200-218864/11	19.99612	15.412702	10.0	817466.0	0.770785	Y
8	IC 200-218864/12	39.99224	29.362942	10.0	864176.0	0.734216	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

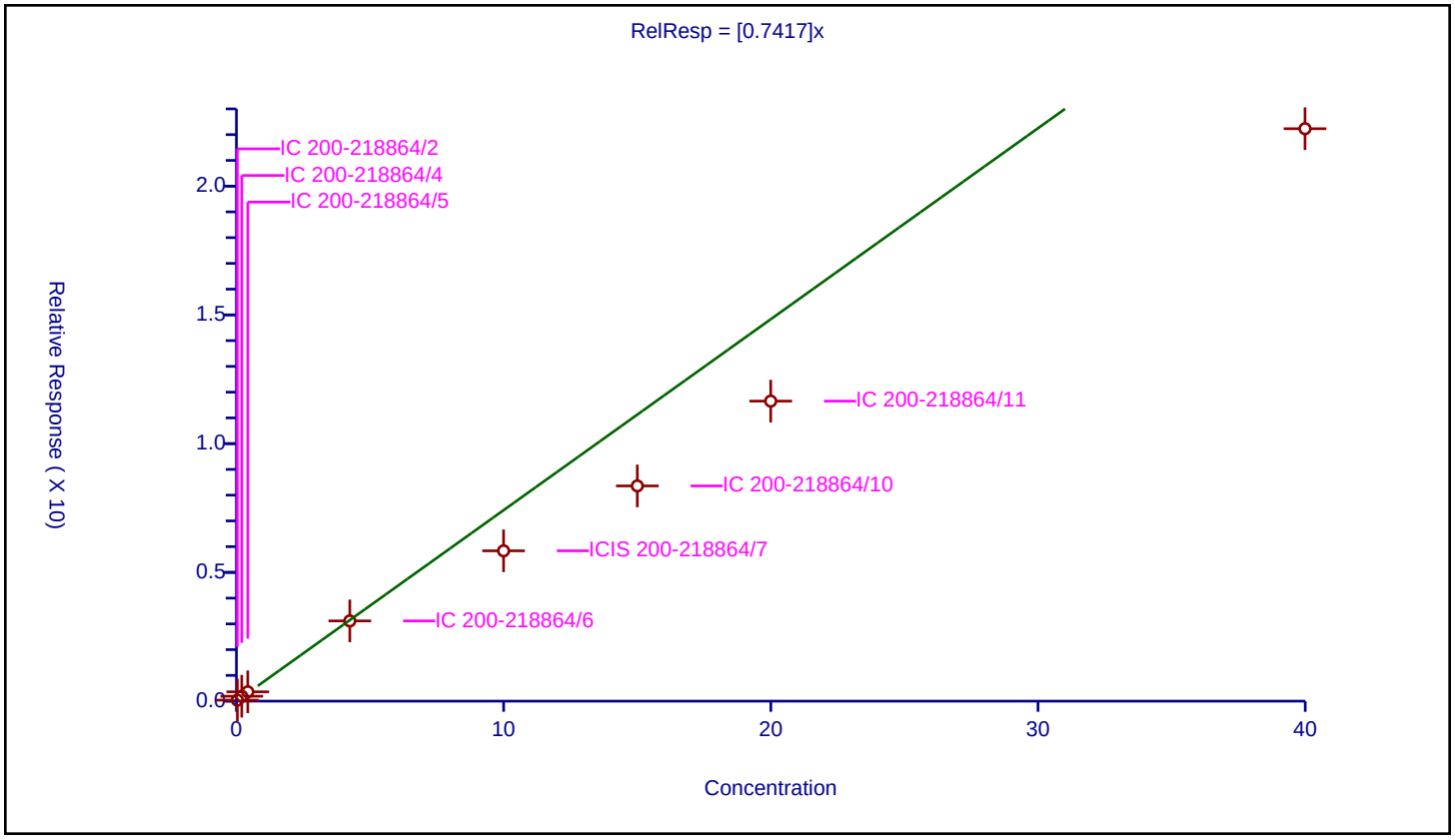
Curve Coefficients

Intercept:	0
Slope:	0.7417

Error Coefficients

Relative Standard Deviation:	28.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.038964	10.0	848220.0	1.112249	Y
2	IC 200-218864/4	0.200181	0.191023	10.0	805190.0	0.954252	Y
3	IC 200-218864/5	0.425385	0.36289	10.0	844664.0	0.853086	Y
4	IC 200-218864/6	4.243678	3.115751	10.0	772228.0	0.73421	Y
5	ICIS 200-218864/7	9.99806	5.837382	10.0	804083.0	0.583852	Y
6	IC 200-218864/10	15.003557	8.358063	10.0	800914.0	0.557072	Y
7	IC 200-218864/11	19.99612	11.650992	10.0	817466.0	0.582663	Y
8	IC 200-218864/12	39.99224	22.230032	10.0	864176.0	0.555859	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

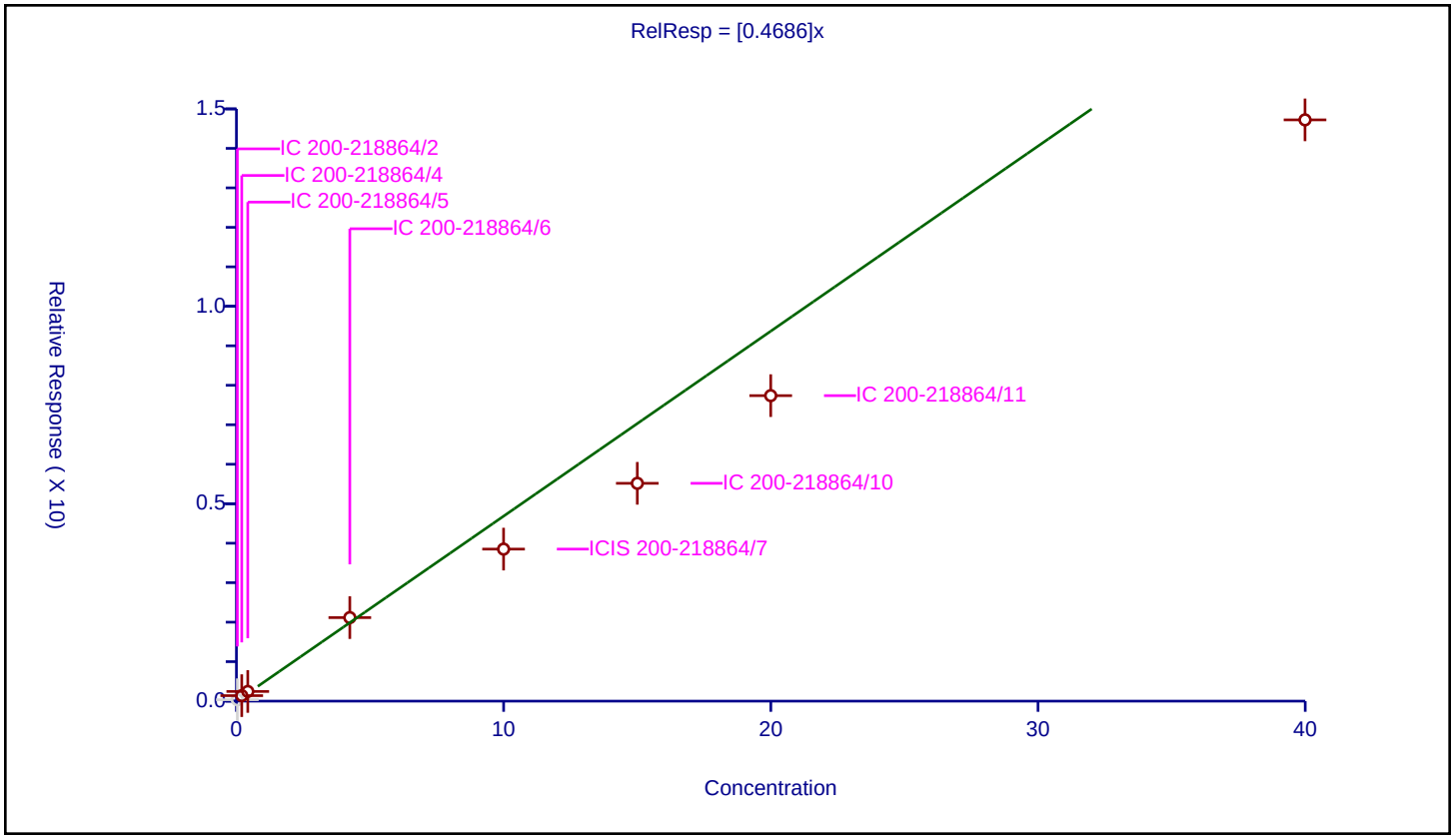
Curve Coefficients

Intercept:	0
Slope:	0.4686

Error Coefficients

Relative Standard Deviation:	27.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.035262	10.0	848220.0	1.006577	N
2	IC 200-218864/4	0.200181	0.139421	10.0	805190.0	0.696472	Y
3	IC 200-218864/5	0.425385	0.245459	10.0	844664.0	0.577027	Y
4	IC 200-218864/6	4.243678	2.115696	10.0	772228.0	0.498552	Y
5	ICIS 200-218864/7	9.99806	3.850622	10.0	804083.0	0.385137	Y
6	IC 200-218864/10	15.003557	5.517247	10.0	800914.0	0.367729	Y
7	IC 200-218864/11	19.99612	7.737276	10.0	817466.0	0.386939	Y
8	IC 200-218864/12	39.99224	14.722314	10.0	864176.0	0.368129	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

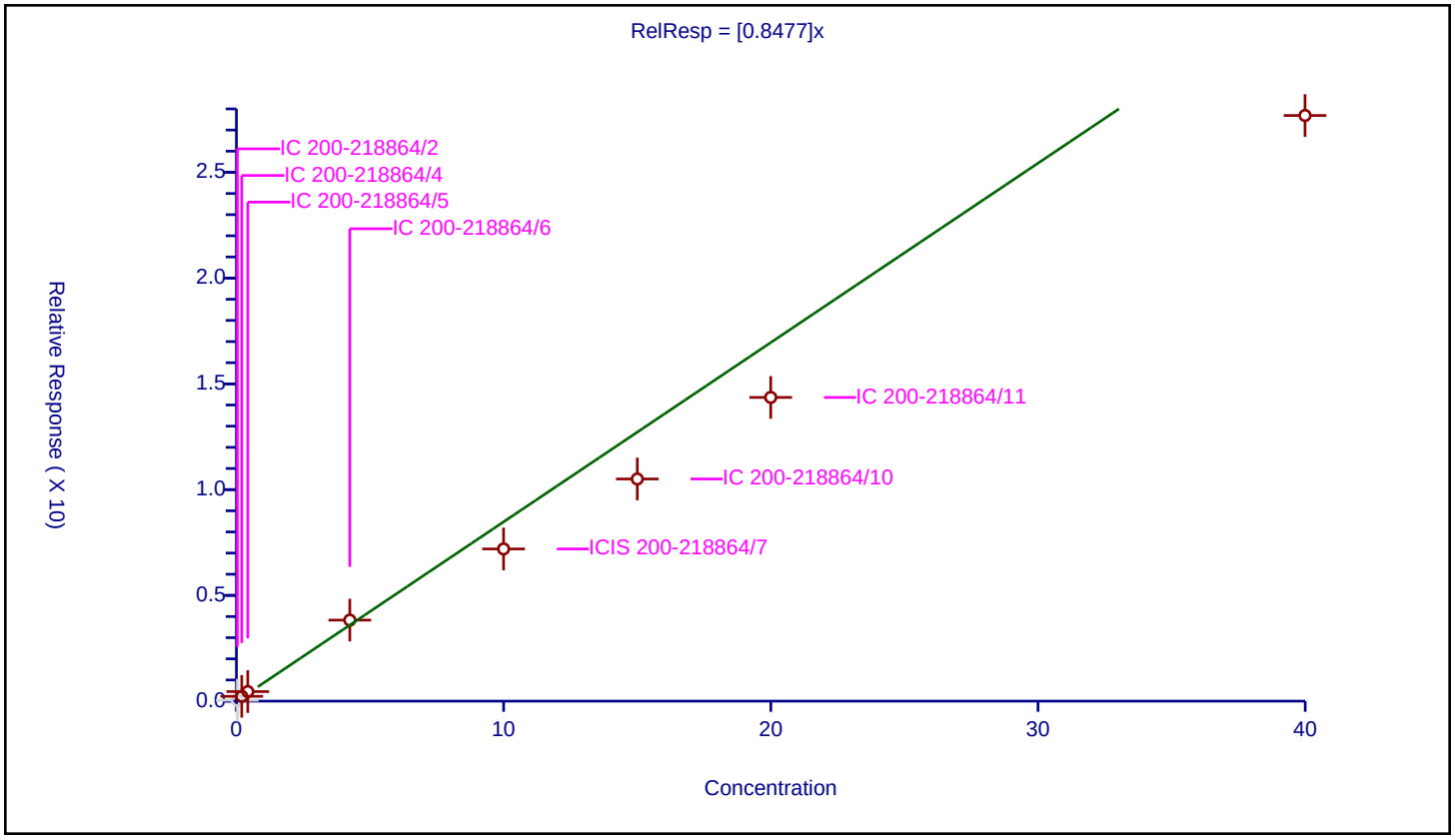
Curve Coefficients

Intercept:	0
Slope:	0.8477

Error Coefficients

Relative Standard Deviation:	22.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.042949	10.0	848220.0	1.225998	N
2	IC 200-218864/4	0.200181	0.227996	10.0	805190.0	1.138948	Y
3	IC 200-218864/5	0.425385	0.451825	10.0	844664.0	1.062155	Y
4	IC 200-218864/6	4.243678	3.831498	10.0	772228.0	0.902872	Y
5	ICIS 200-218864/7	9.99806	7.195961	10.0	804083.0	0.719736	Y
6	IC 200-218864/10	15.003557	10.502963	10.0	800914.0	0.700032	Y
7	IC 200-218864/11	19.99612	14.35979	10.0	817466.0	0.718129	Y
8	IC 200-218864/12	39.99224	27.688064	10.0	864176.0	0.692336	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

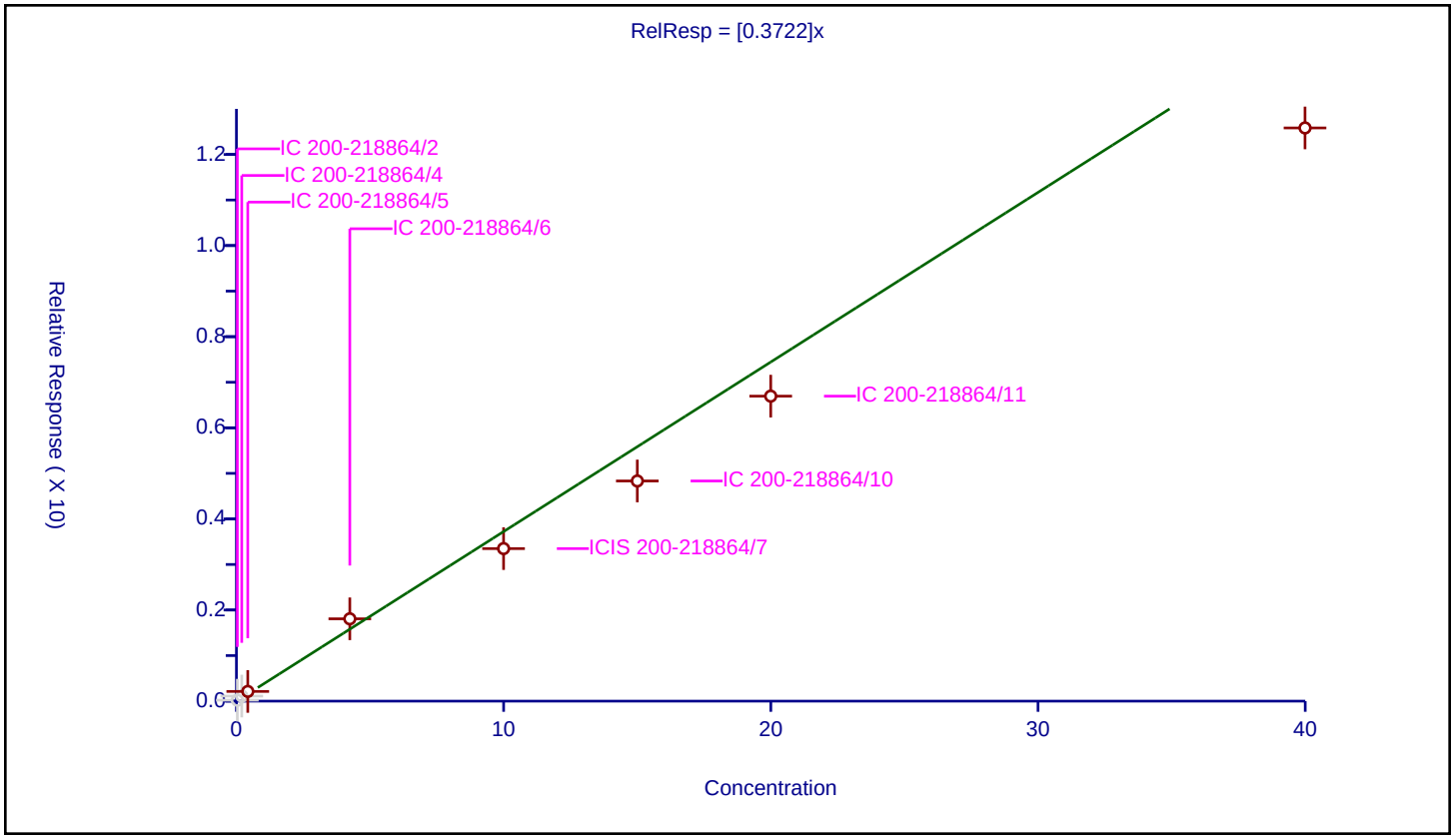
Curve Coefficients

Intercept:	0
Slope:	0.3722

Error Coefficients

Relative Standard Deviation:	20.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.020903	10.0	848220.0	0.596677	N
2	IC 200-218864/4	0.200181	0.111353	10.0	805190.0	0.556259	N
3	IC 200-218864/5	0.425385	0.21315	10.0	844664.0	0.501075	Y
4	IC 200-218864/6	4.243678	1.807225	10.0	772228.0	0.425863	Y
5	ICIS 200-218864/7	9.99806	3.348659	10.0	804083.0	0.334931	Y
6	IC 200-218864/10	15.003557	4.832741	10.0	800914.0	0.322106	Y
7	IC 200-218864/11	19.99612	6.694615	10.0	817466.0	0.334796	Y
8	IC 200-218864/12	39.99224	12.581893	10.0	864176.0	0.314608	Y



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Calibration / 2-Methylbutane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

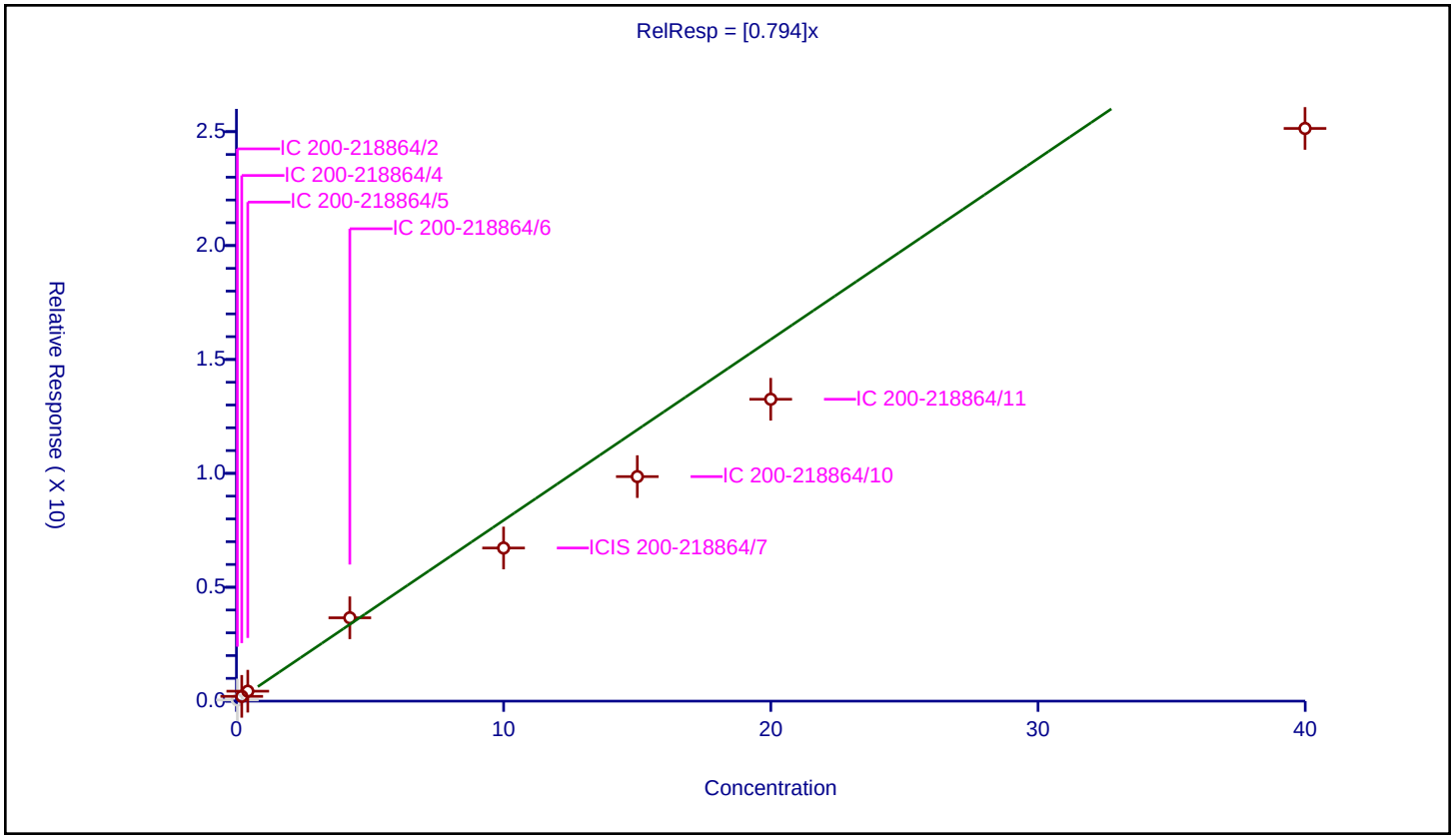
Curve Coefficients

Intercept:	0
Slope:	0.794

Error Coefficients

Relative Standard Deviation:	23.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.050753	10.0	848220.0	1.448784	N
2	IC 200-218864/4	0.200181	0.21	10.0	805190.0	1.049051	Y
3	IC 200-218864/5	0.425385	0.43641	10.0	844664.0	1.025919	Y
4	IC 200-218864/6	4.243678	3.659101	10.0	772228.0	0.862247	Y
5	ICIS 200-218864/7	9.99806	6.722813	10.0	804083.0	0.672412	Y
6	IC 200-218864/10	15.003557	9.8577	10.0	800914.0	0.657024	Y
7	IC 200-218864/11	19.99612	13.252845	10.0	817466.0	0.662771	Y
8	IC 200-218864/12	39.99224	25.141696	10.0	864176.0	0.628664	Y



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Calibration / Vinyl bromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

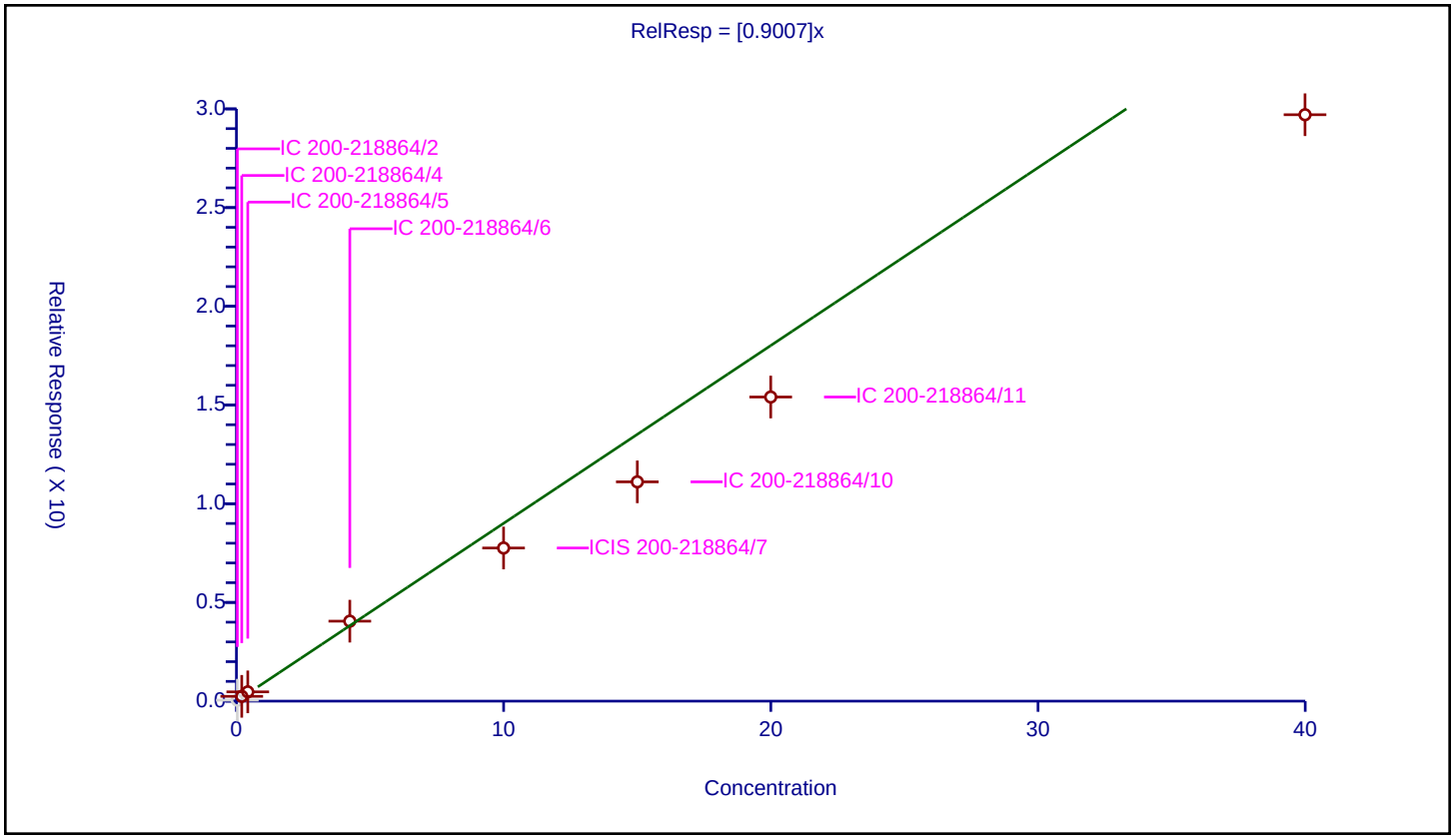
Curve Coefficients

Intercept:	0
Slope:	0.9007

Error Coefficients

Relative Standard Deviation:	21.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.048372	10.0	848220.0	1.380804	N
2	IC 200-218864/4	0.200181	0.243384	10.0	805190.0	1.215817	Y
3	IC 200-218864/5	0.425385	0.470175	10.0	844664.0	1.105294	Y
4	IC 200-218864/6	4.243678	4.050915	10.0	772228.0	0.954576	Y
5	ICIS 200-218864/7	9.99806	7.756998	10.0	804083.0	0.77585	Y
6	IC 200-218864/10	15.003557	11.107884	10.0	800914.0	0.74035	Y
7	IC 200-218864/11	19.99612	15.405583	10.0	817466.0	0.770429	Y
8	IC 200-218864/12	39.99224	29.704262	10.0	864176.0	0.742751	Y



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Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

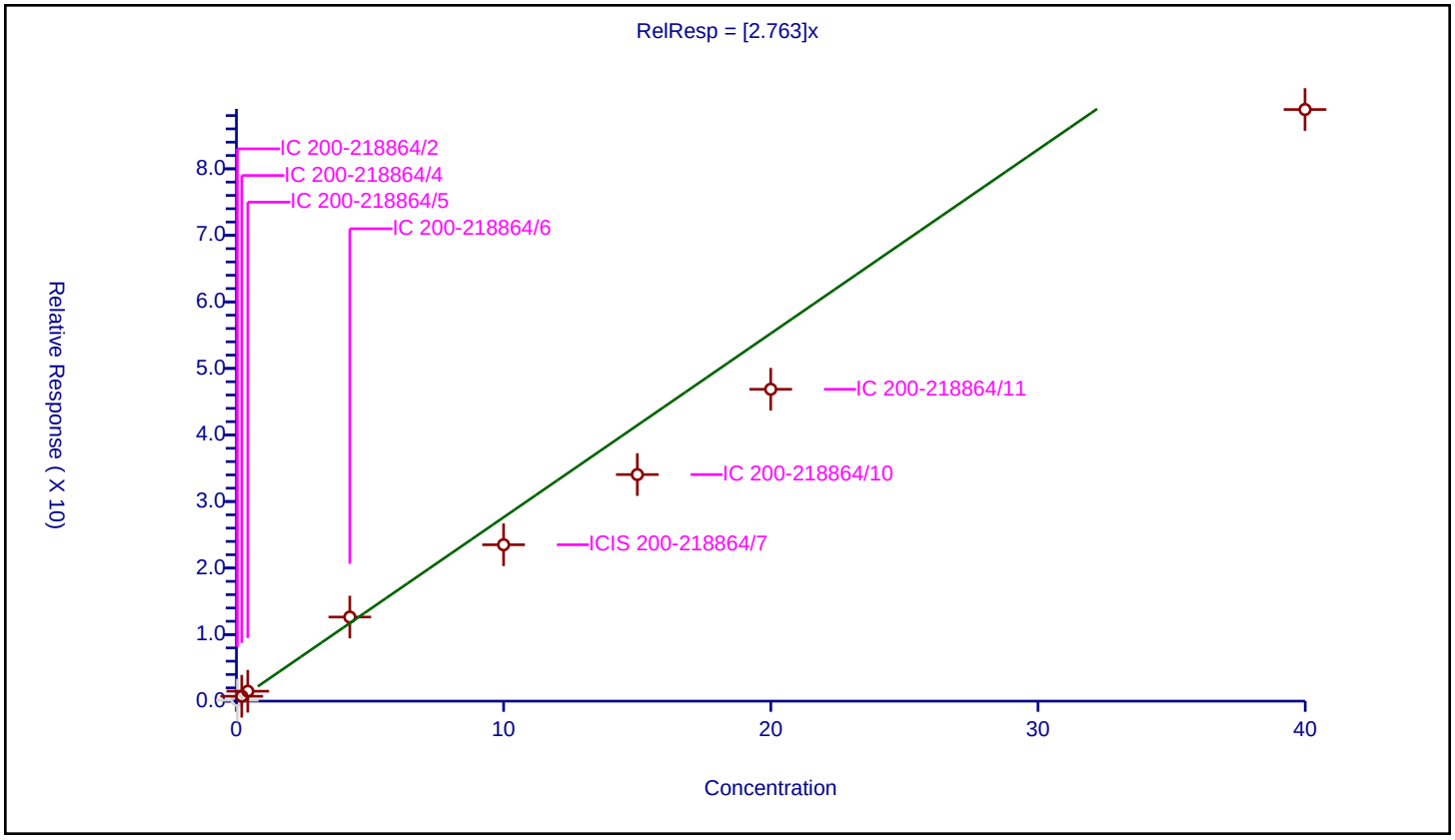
Curve Coefficients

Intercept:	0
Slope:	2.763

Error Coefficients

Relative Standard Deviation:	22.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.131228	10.0	848220.0	3.745973	N
2	IC 200-218864/4	0.200181	0.735056	10.0	805190.0	3.671958	Y
3	IC 200-218864/5	0.425385	1.490261	10.0	844664.0	3.503326	Y
4	IC 200-218864/6	4.243678	12.637304	10.0	772228.0	2.977913	Y
5	ICIS 200-218864/7	9.99806	23.501778	10.0	804083.0	2.350634	Y
6	IC 200-218864/10	15.003557	34.048849	10.0	800914.0	2.269385	Y
7	IC 200-218864/11	19.99612	46.868212	10.0	817466.0	2.343865	Y
8	IC 200-218864/12	39.99224	88.906207	10.0	864176.0	2.223086	Y



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Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

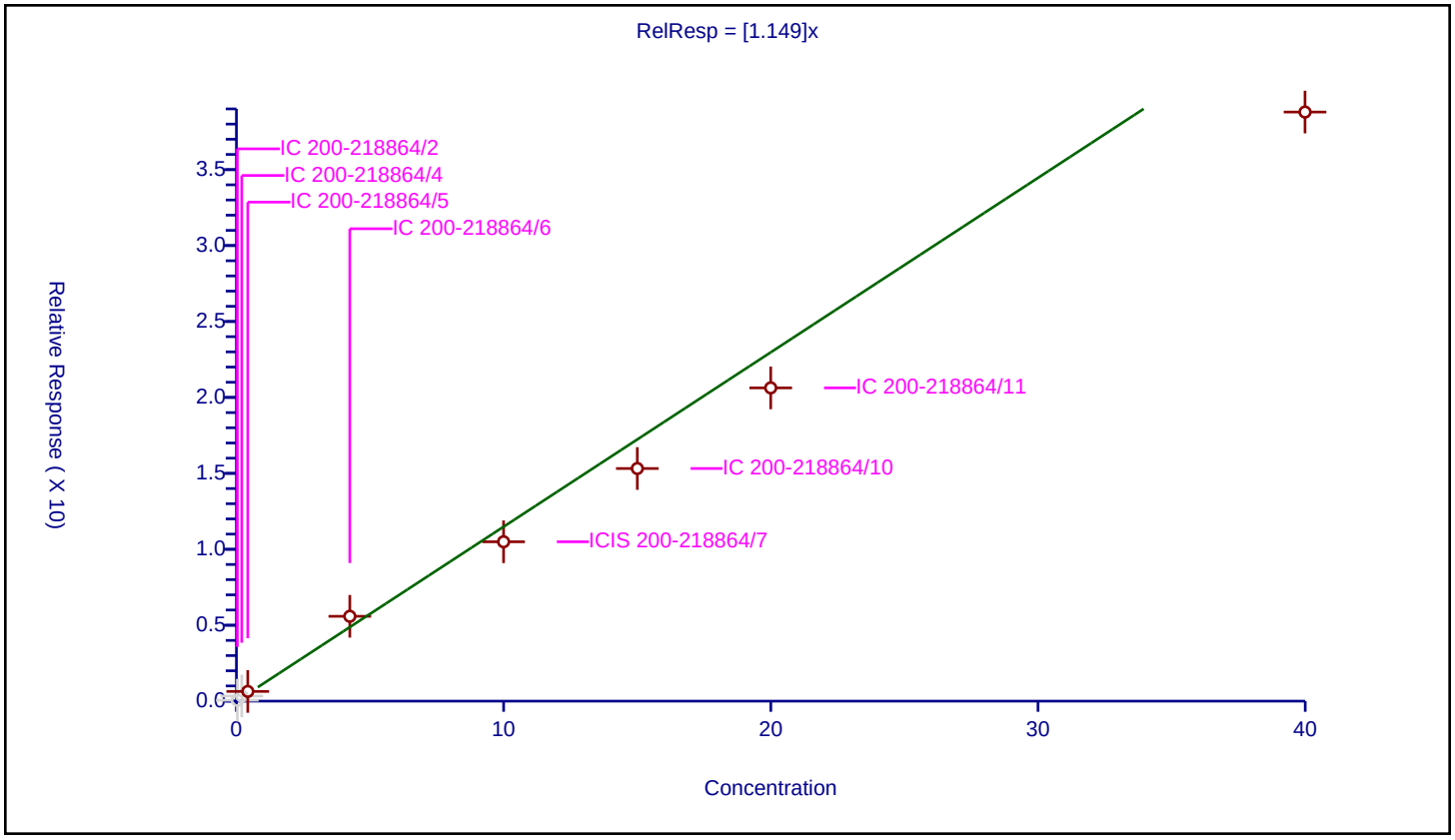
Curve Coefficients

Intercept:	0
Slope:	1.149

Error Coefficients

Relative Standard Deviation:	18.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.060916	10.0	848220.0	1.738877	N
2	IC 200-218864/4	0.200181	0.337833	10.0	805190.0	1.687639	N
3	IC 200-218864/5	0.425385	0.639367	10.0	844664.0	1.503032	Y
4	IC 200-218864/6	4.243678	5.586537	10.0	772228.0	1.316437	Y
5	ICIS 200-218864/7	9.99806	10.495123	10.0	804083.0	1.049716	Y
6	IC 200-218864/10	15.003557	15.31946	10.0	800914.0	1.021055	Y
7	IC 200-218864/11	19.99612	20.628882	10.0	817466.0	1.031644	Y
8	IC 200-218864/12	39.99224	38.792746	10.0	864176.0	0.970007	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

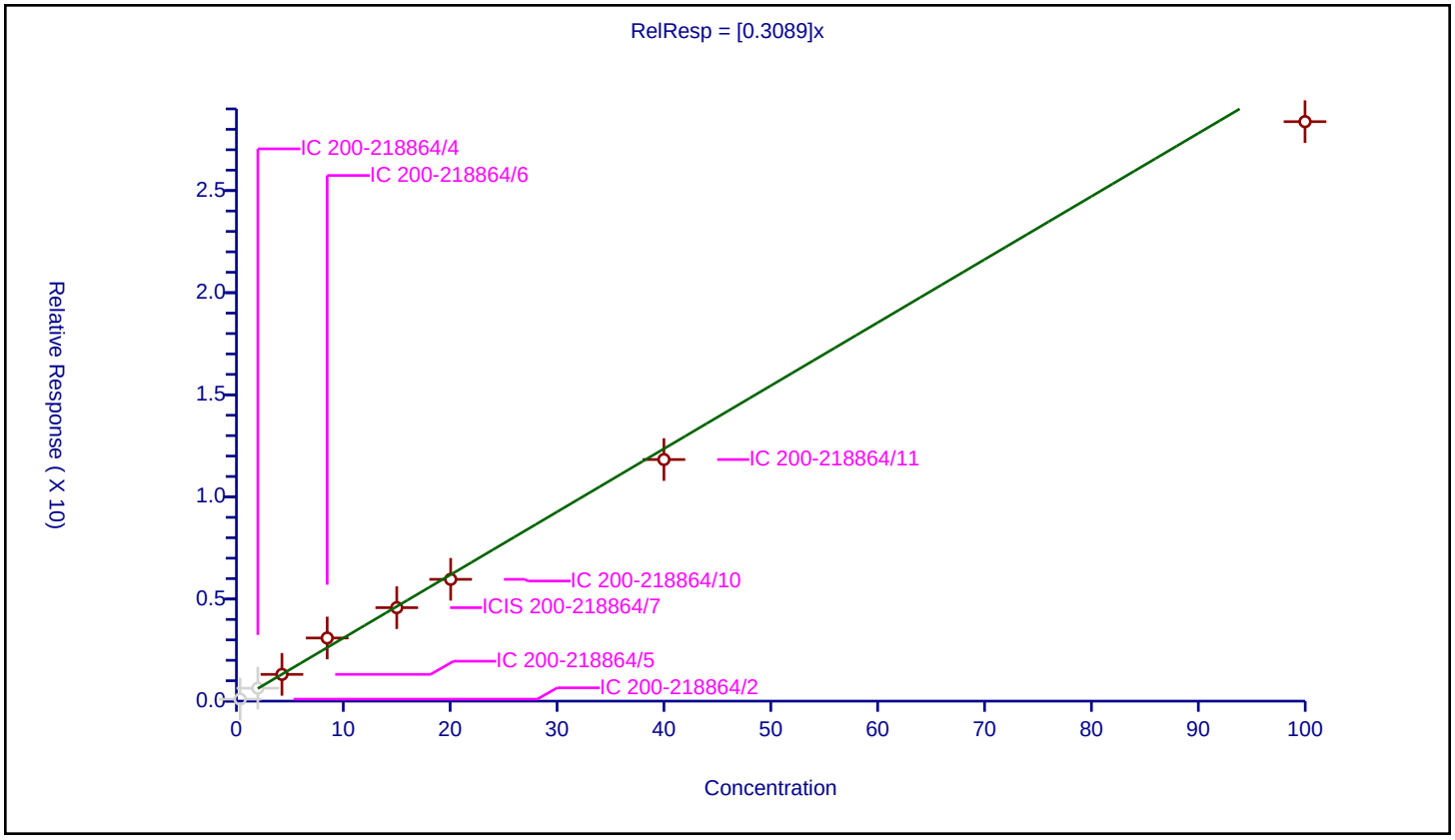
Curve Coefficients

Intercept:	0
Slope:	0.3089

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.350745	0.096873	10.0	848220.0	0.276194	N
2	IC 200-218864/4	2.004255	0.634583	10.0	805190.0	0.316618	N
3	IC 200-218864/5	4.259043	1.30974	10.0	844664.0	0.30752	Y
4	IC 200-218864/6	8.492854	3.091807	10.0	772228.0	0.364048	Y
5	ICIS 200-218864/7	15.003557	4.576841	10.0	804083.0	0.30505	Y
6	IC 200-218864/10	20.047856	5.964049	10.0	800914.0	0.297491	Y
7	IC 200-218864/11	39.998707	11.830119	10.0	817466.0	0.295763	Y
8	IC 200-218864/12	99.980599	28.375655	10.0	864176.0	0.283812	Y



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Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

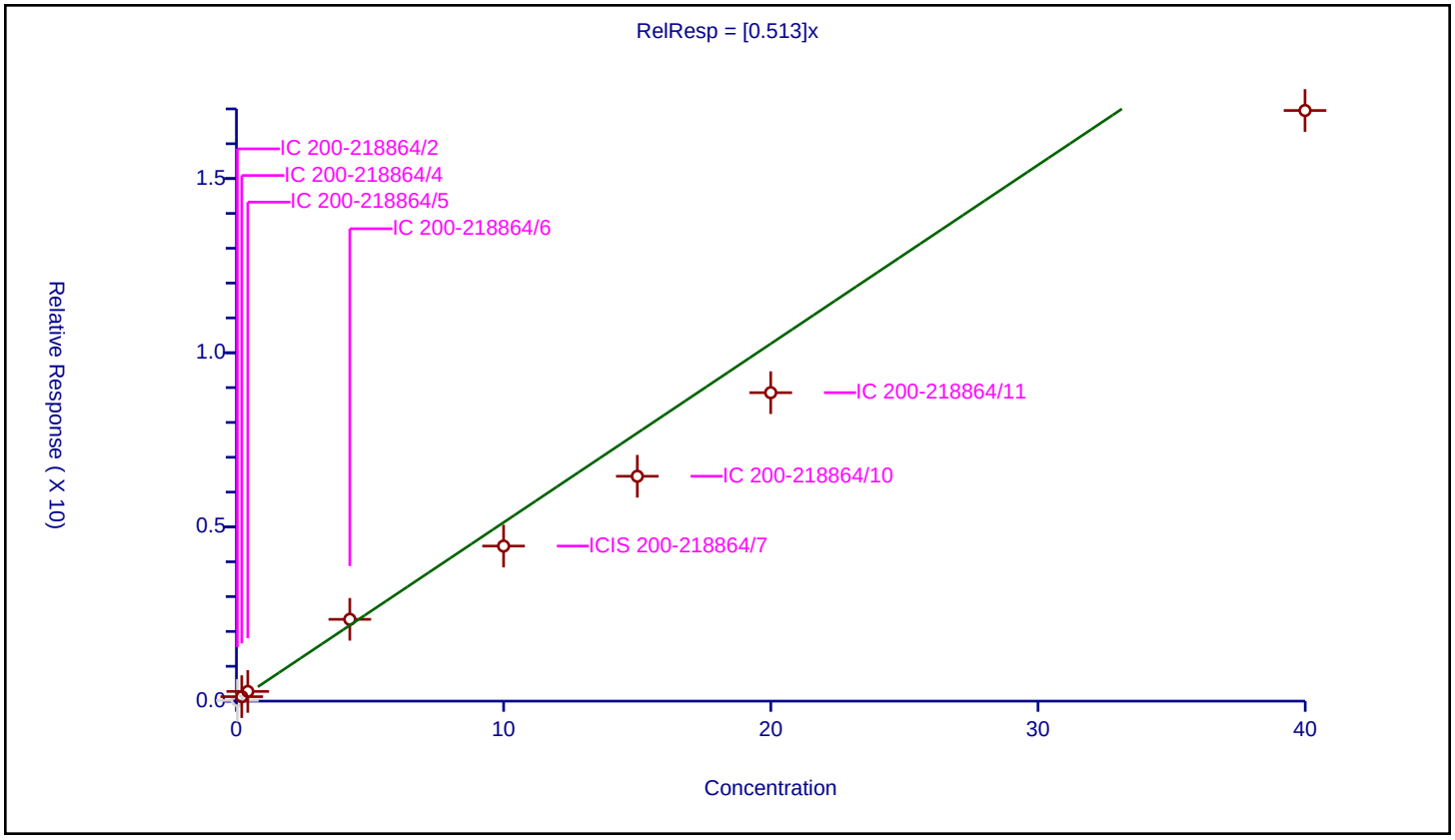
Curve Coefficients

Intercept:	0
Slope:	0.513

Error Coefficients

Relative Standard Deviation:	19.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.019417	10.0	848220.0	0.554273	N
2	IC 200-218864/4	0.200181	0.128305	10.0	805190.0	0.640945	Y
3	IC 200-218864/5	0.425385	0.278371	10.0	844664.0	0.654398	Y
4	IC 200-218864/6	4.243678	2.34805	10.0	772228.0	0.553305	Y
5	ICIS 200-218864/7	9.99806	4.451232	10.0	804083.0	0.44521	Y
6	IC 200-218864/10	15.003557	6.455362	10.0	800914.0	0.430255	Y
7	IC 200-218864/11	19.99612	8.854411	10.0	817466.0	0.442806	Y
8	IC 200-218864/12	39.99224	16.954278	10.0	864176.0	0.423939	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

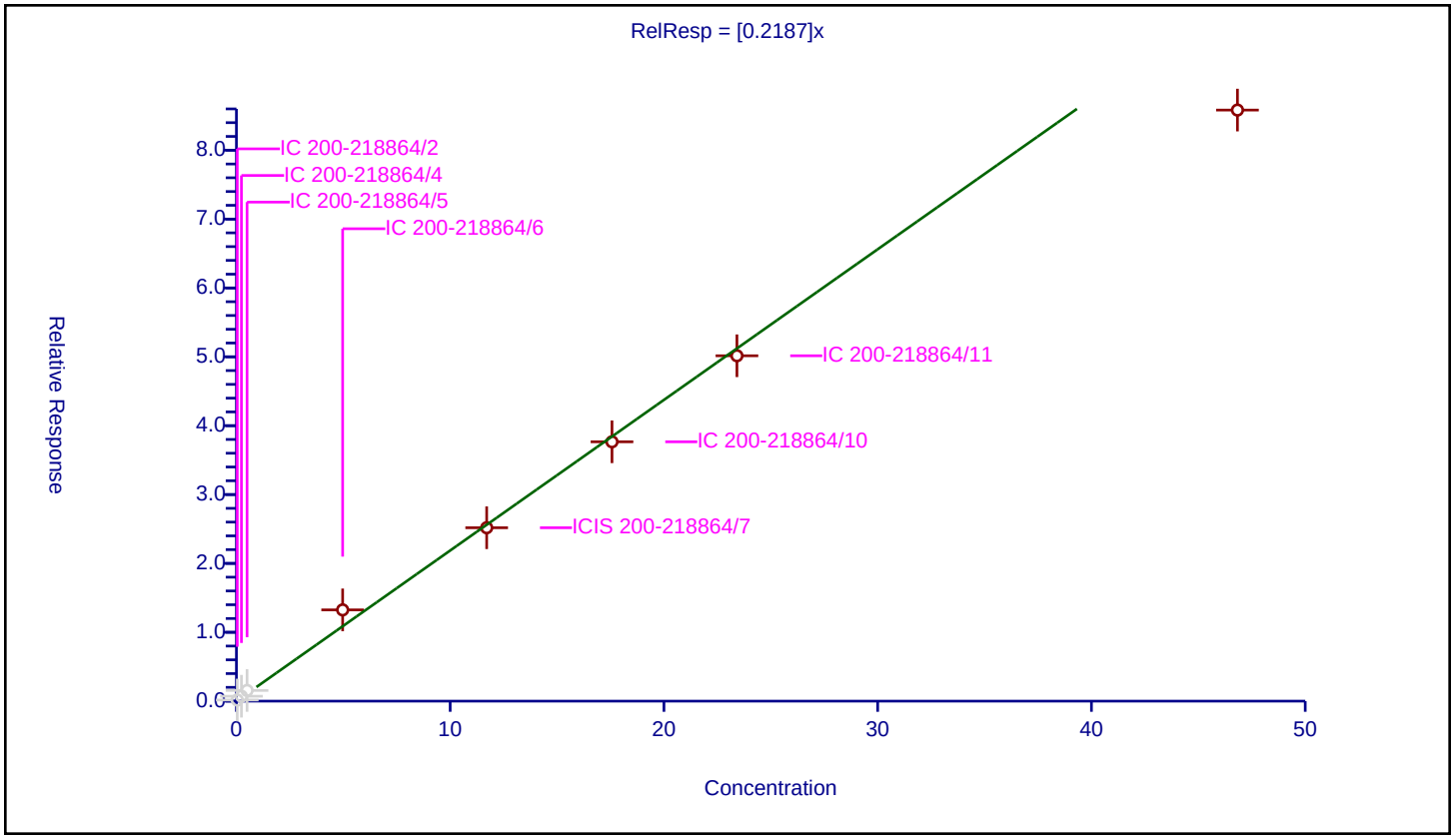
Curve Coefficients

Intercept:	0
Slope:	0.2187

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.041022	0.015963	10.0	848220.0	0.389128	N
2	IC 200-218864/4	0.234412	0.071275	10.0	805190.0	0.304059	N
3	IC 200-218864/5	0.498125	0.155269	10.0	844664.0	0.311706	N
4	IC 200-218864/6	4.969347	1.32514	10.0	772228.0	0.266663	Y
5	ICIS 200-218864/7	11.707728	2.518036	10.0	804083.0	0.215075	Y
6	IC 200-218864/10	17.569165	3.76606	10.0	800914.0	0.214356	Y
7	IC 200-218864/11	23.415456	5.015377	10.0	817466.0	0.214191	Y
8	IC 200-218864/12	46.830913	8.583147	10.0	864176.0	0.18328	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

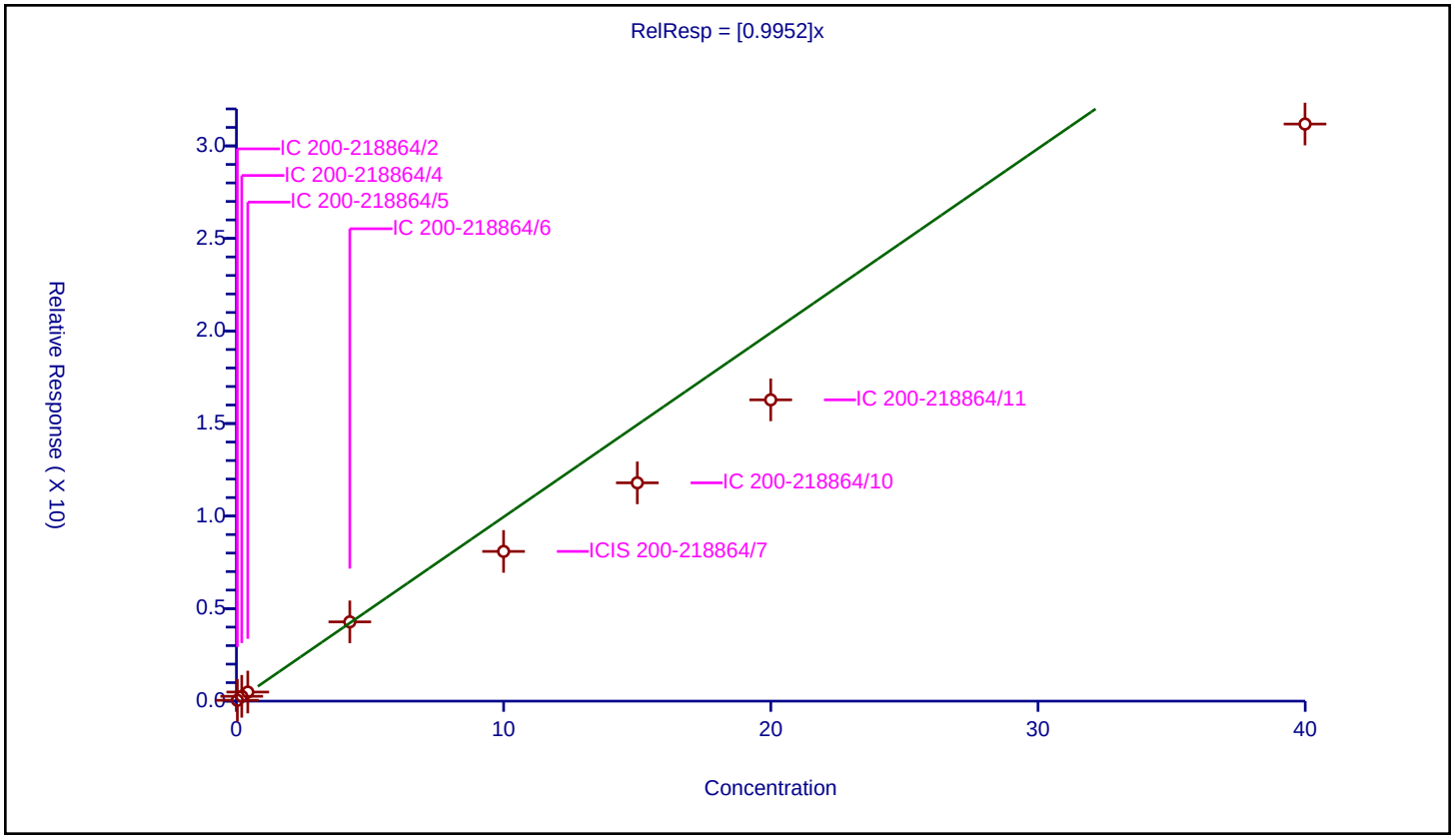
Curve Coefficients

Intercept:	0
Slope:	0.9952

Error Coefficients

Relative Standard Deviation:	23.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.045566	10.0	848220.0	1.300709	Y
2	IC 200-218864/4	0.200181	0.261379	10.0	805190.0	1.305715	Y
3	IC 200-218864/5	0.425385	0.491983	10.0	844664.0	1.156559	Y
4	IC 200-218864/6	4.243678	4.2831	10.0	772228.0	1.00929	Y
5	ICIS 200-218864/7	9.99806	8.08914	10.0	804083.0	0.809071	Y
6	IC 200-218864/10	15.003557	11.795923	10.0	800914.0	0.786208	Y
7	IC 200-218864/11	19.99612	16.279454	10.0	817466.0	0.814131	Y
8	IC 200-218864/12	39.99224	31.182167	10.0	864176.0	0.779705	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

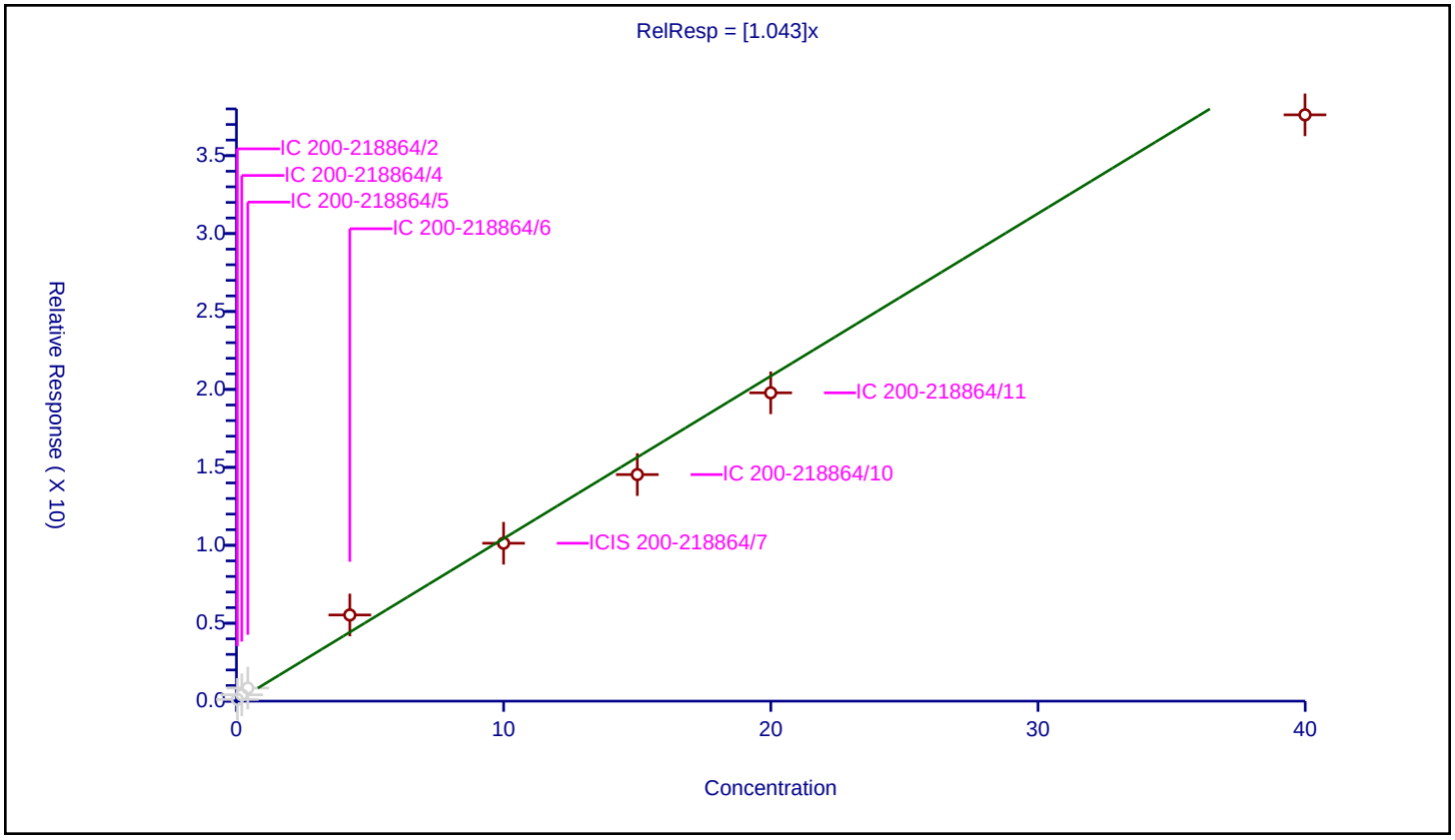
Curve Coefficients

Intercept:	0
Slope:	1.043

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.108356	10.0	848220.0	3.093095	N
2	IC 200-218864/4	0.200181	0.405159	10.0	805190.0	2.023963	N
3	IC 200-218864/5	0.425385	0.840749	10.0	844664.0	1.976443	N
4	IC 200-218864/6	4.243678	5.528445	10.0	772228.0	1.302748	Y
5	ICIS 200-218864/7	9.99806	10.131479	10.0	804083.0	1.013344	Y
6	IC 200-218864/10	15.003557	14.537528	10.0	800914.0	0.968939	Y
7	IC 200-218864/11	19.99612	19.78267	10.0	817466.0	0.989325	Y
8	IC 200-218864/12	39.99224	37.618784	10.0	864176.0	0.940652	Y



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Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

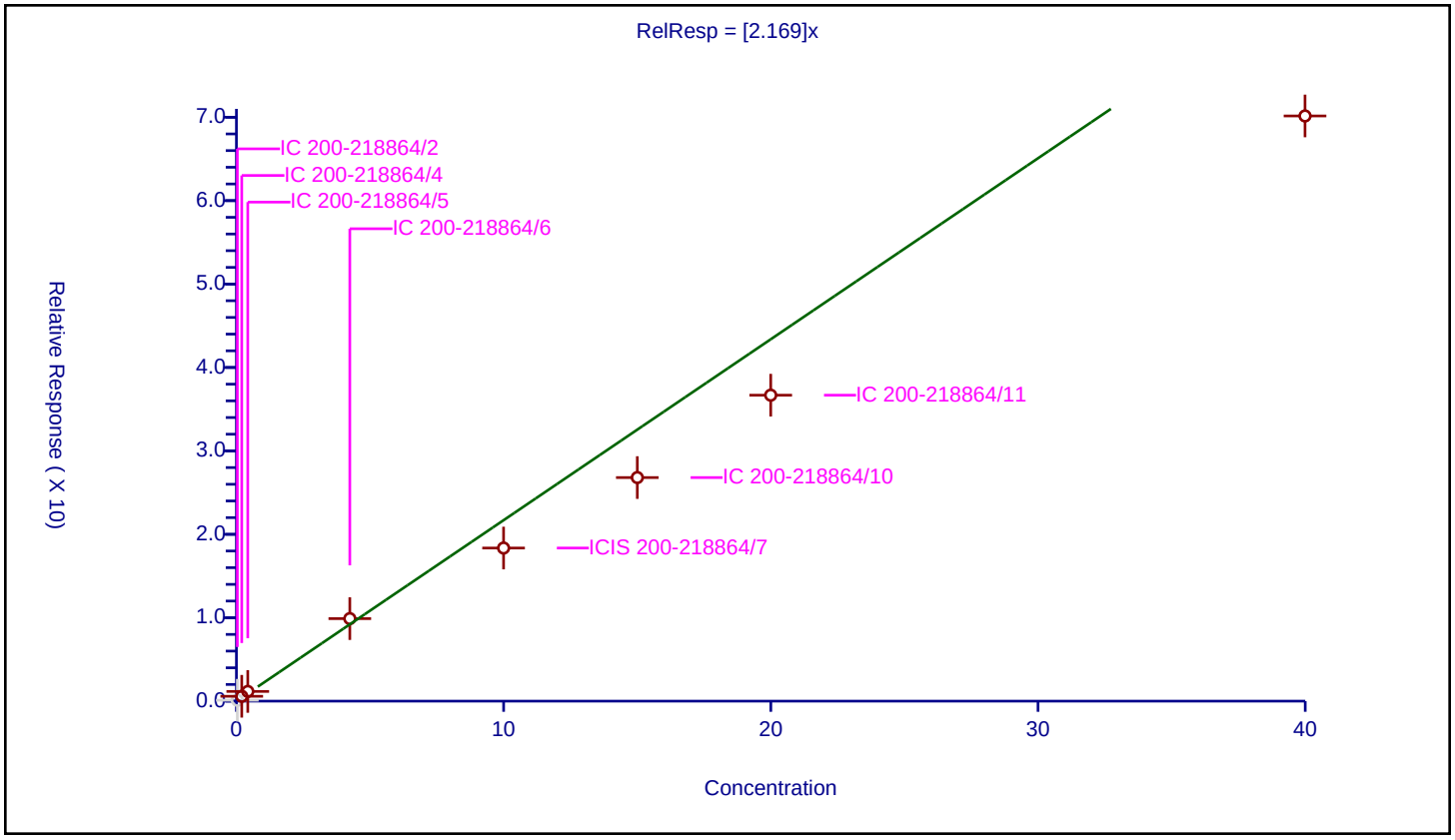
Curve Coefficients

Intercept:	0
Slope:	2.169

Error Coefficients

Relative Standard Deviation:	22.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.108427	10.0	848220.0	3.095114	N
2	IC 200-218864/4	0.200181	0.582012	10.0	805190.0	2.907427	Y
3	IC 200-218864/5	0.425385	1.163989	10.0	844664.0	2.736322	Y
4	IC 200-218864/6	4.243678	9.892635	10.0	772228.0	2.331146	Y
5	ICIS 200-218864/7	9.99806	18.355257	10.0	804083.0	1.835882	Y
6	IC 200-218864/10	15.003557	26.803003	10.0	800914.0	1.786443	Y
7	IC 200-218864/11	19.99612	36.679801	10.0	817466.0	1.834346	Y
8	IC 200-218864/12	39.99224	70.152654	10.0	864176.0	1.754157	Y



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Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

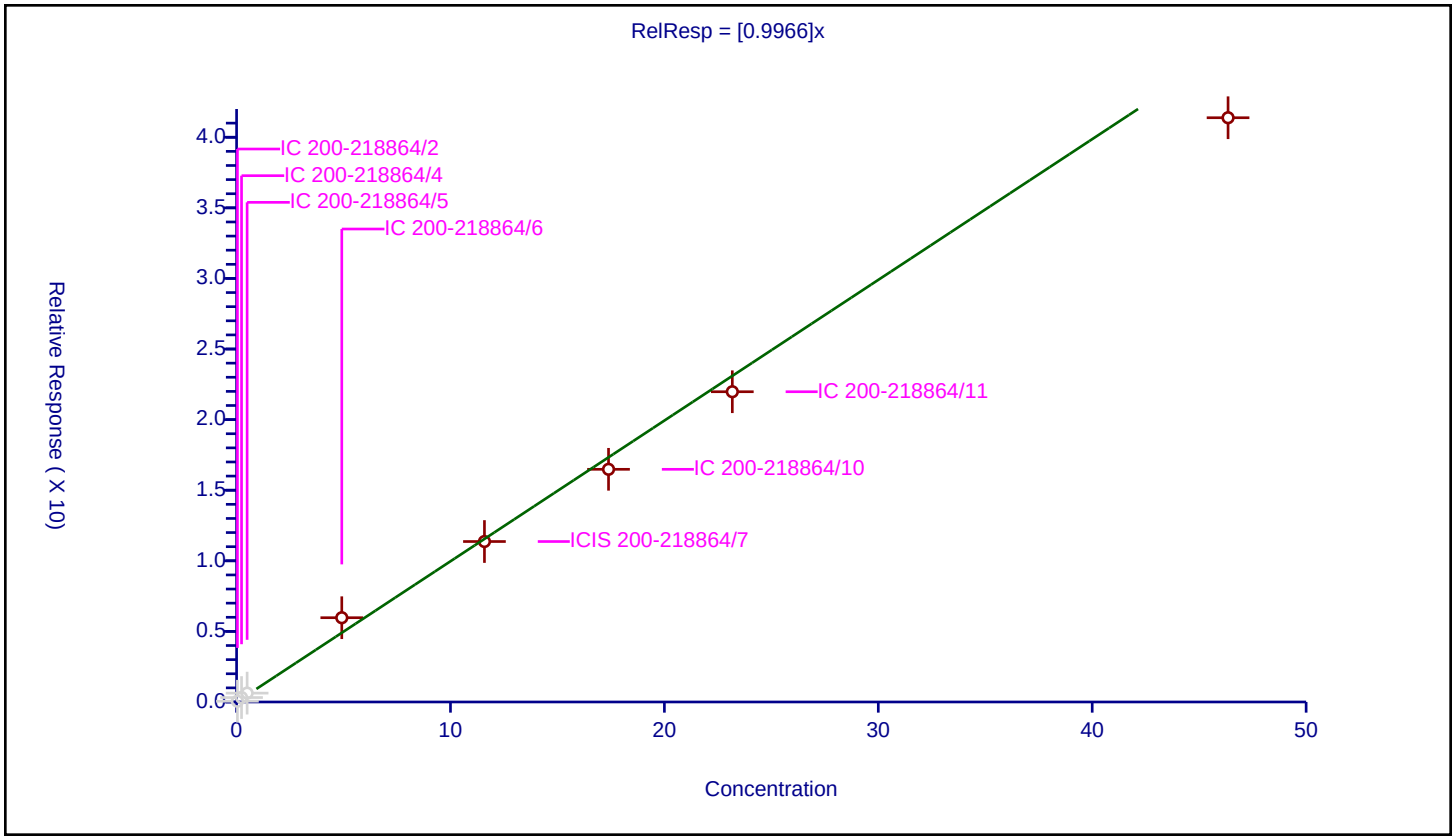
Curve Coefficients

Intercept:	0
Slope:	0.9966

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.040602	0.053005	10.0	848220.0	1.305489	N
2	IC 200-218864/4	0.23201	0.314572	10.0	805190.0	1.355855	N
3	IC 200-218864/5	0.493021	0.628676	10.0	844664.0	1.275151	N
4	IC 200-218864/6	4.918423	5.968548	10.0	772228.0	1.213508	Y
5	ICIS 200-218864/7	11.587751	11.365456	10.0	804083.0	0.980816	Y
6	IC 200-218864/10	17.389122	16.479759	10.0	800914.0	0.947705	Y
7	IC 200-218864/11	23.175503	21.975666	10.0	817466.0	0.948228	Y
8	IC 200-218864/12	46.351006	41.383295	10.0	864176.0	0.892824	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

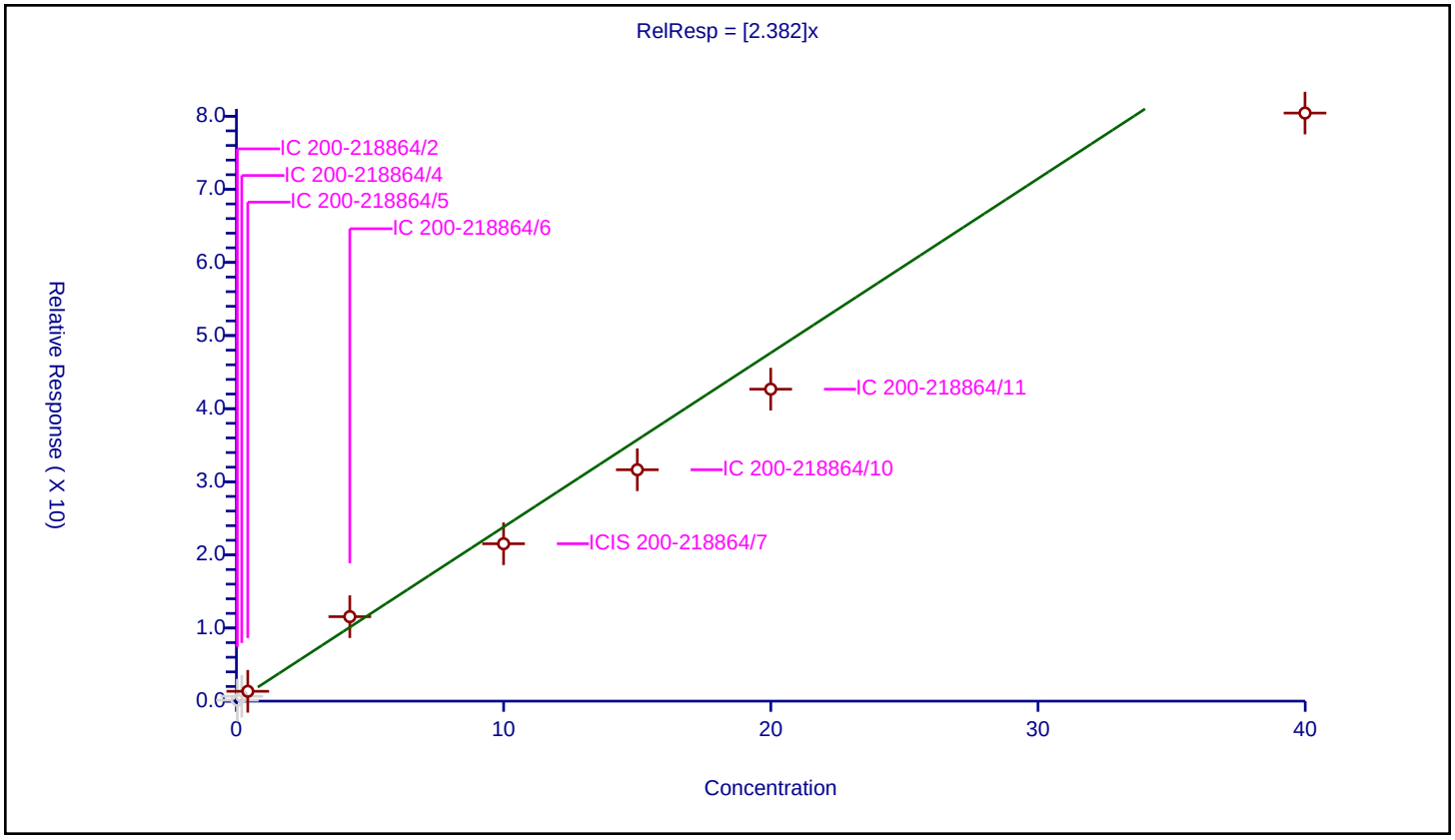
Curve Coefficients

Intercept:	0
Slope:	2.382

Error Coefficients

Relative Standard Deviation:	19.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.124649	10.0	848220.0	3.558187	N
2	IC 200-218864/4	0.200181	0.666675	10.0	805190.0	3.33036	N
3	IC 200-218864/5	0.425385	1.344937	10.0	844664.0	3.161696	Y
4	IC 200-218864/6	4.243678	11.553453	10.0	772228.0	2.722509	Y
5	ICIS 200-218864/7	9.99806	21.527081	10.0	804083.0	2.153126	Y
6	IC 200-218864/10	15.003557	31.645957	10.0	800914.0	2.10923	Y
7	IC 200-218864/11	19.99612	42.667646	10.0	817466.0	2.133796	Y
8	IC 200-218864/12	39.99224	80.433511	10.0	864176.0	2.011228	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

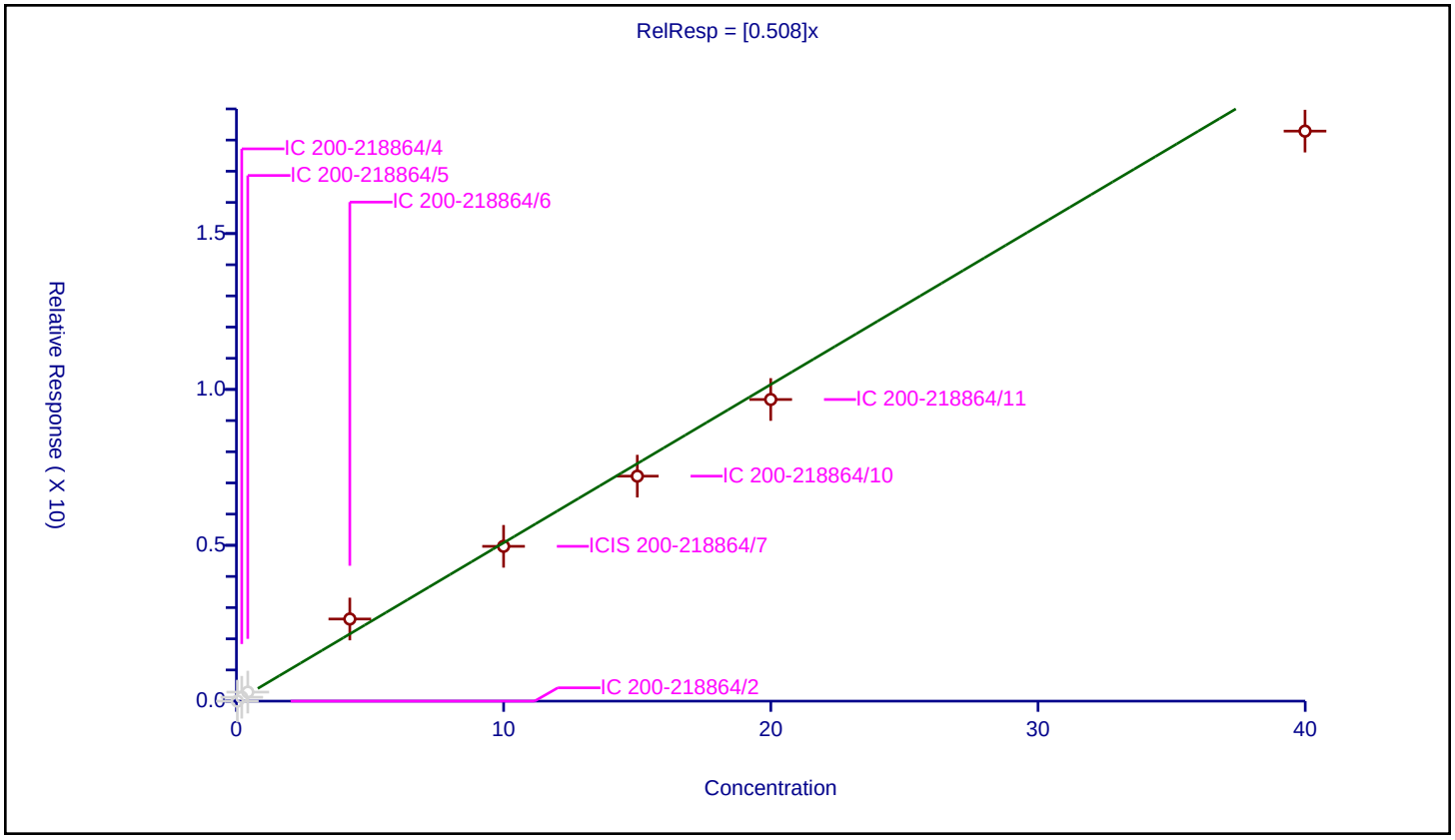
Curve Coefficients

Intercept:	0
Slope:	0.508

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.0	10.0	848220.0	0.0	N
2	IC 200-218864/4	0.200181	0.123946	10.0	805190.0	0.619169	N
3	IC 200-218864/5	0.425385	0.289831	10.0	844664.0	0.681339	N
4	IC 200-218864/6	4.243678	2.634507	10.0	772228.0	0.620807	Y
5	ICIS 200-218864/7	9.99806	4.966651	10.0	804083.0	0.496762	Y
6	IC 200-218864/10	15.003557	7.218141	10.0	800914.0	0.481095	Y
7	IC 200-218864/11	19.99612	9.677259	10.0	817466.0	0.483957	Y
8	IC 200-218864/12	39.99224	18.28734	10.0	864176.0	0.457272	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

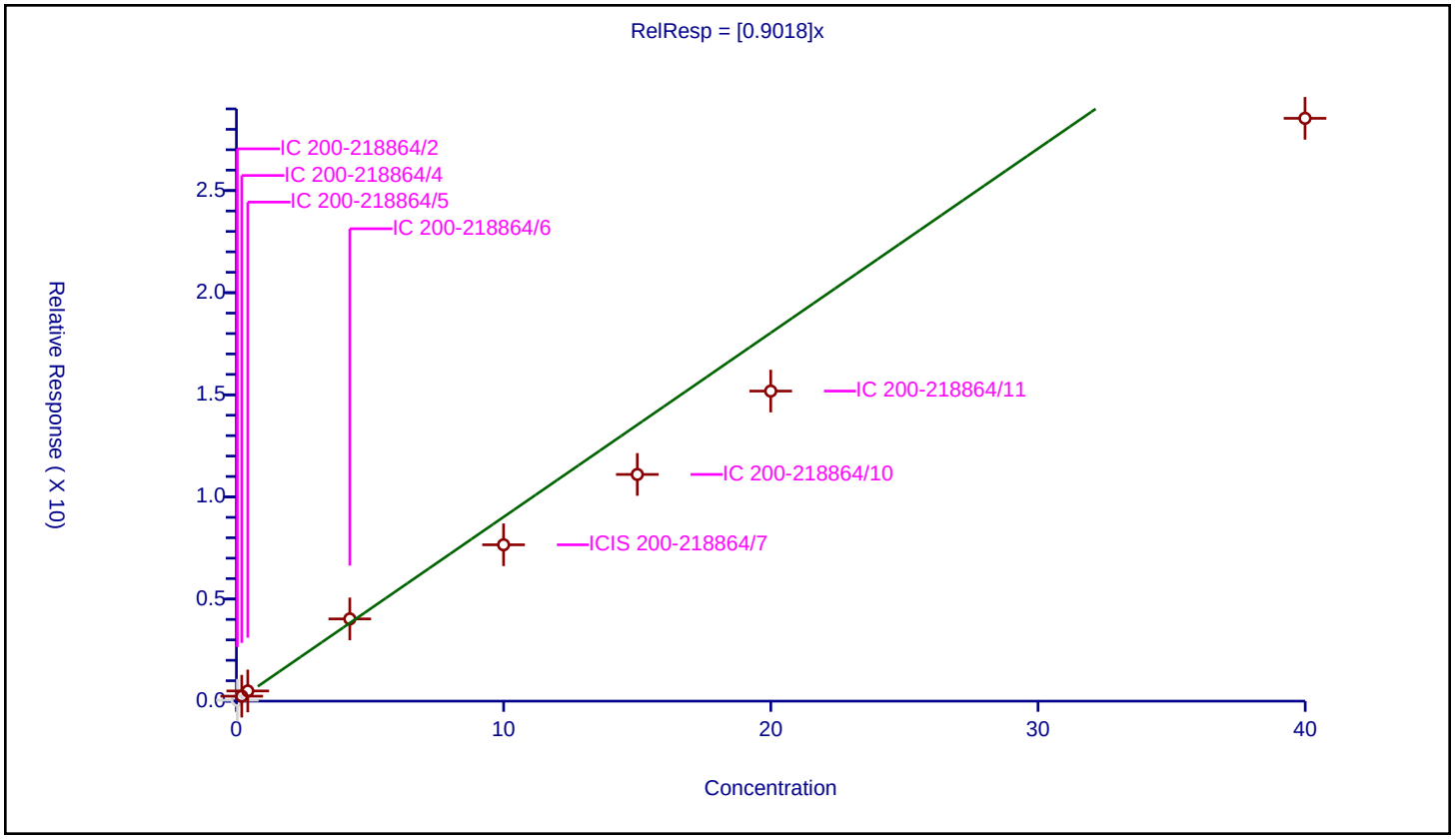
Curve Coefficients

Intercept:	0
Slope:	0.9018

Error Coefficients

Relative Standard Deviation:	23.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.044375	10.0	848220.0	1.266719	N
2	IC 200-218864/4	0.200181	0.242974	10.0	805190.0	1.21377	Y
3	IC 200-218864/5	0.425385	0.498399	10.0	844664.0	1.171644	Y
4	IC 200-218864/6	4.243678	4.027062	10.0	772228.0	0.948955	Y
5	ICIS 200-218864/7	9.99806	7.655752	10.0	804083.0	0.765724	Y
6	IC 200-218864/10	15.003557	11.099881	10.0	800914.0	0.739817	Y
7	IC 200-218864/11	19.99612	15.182038	10.0	817466.0	0.759249	Y
8	IC 200-218864/12	39.99224	28.538955	10.0	864176.0	0.713612	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

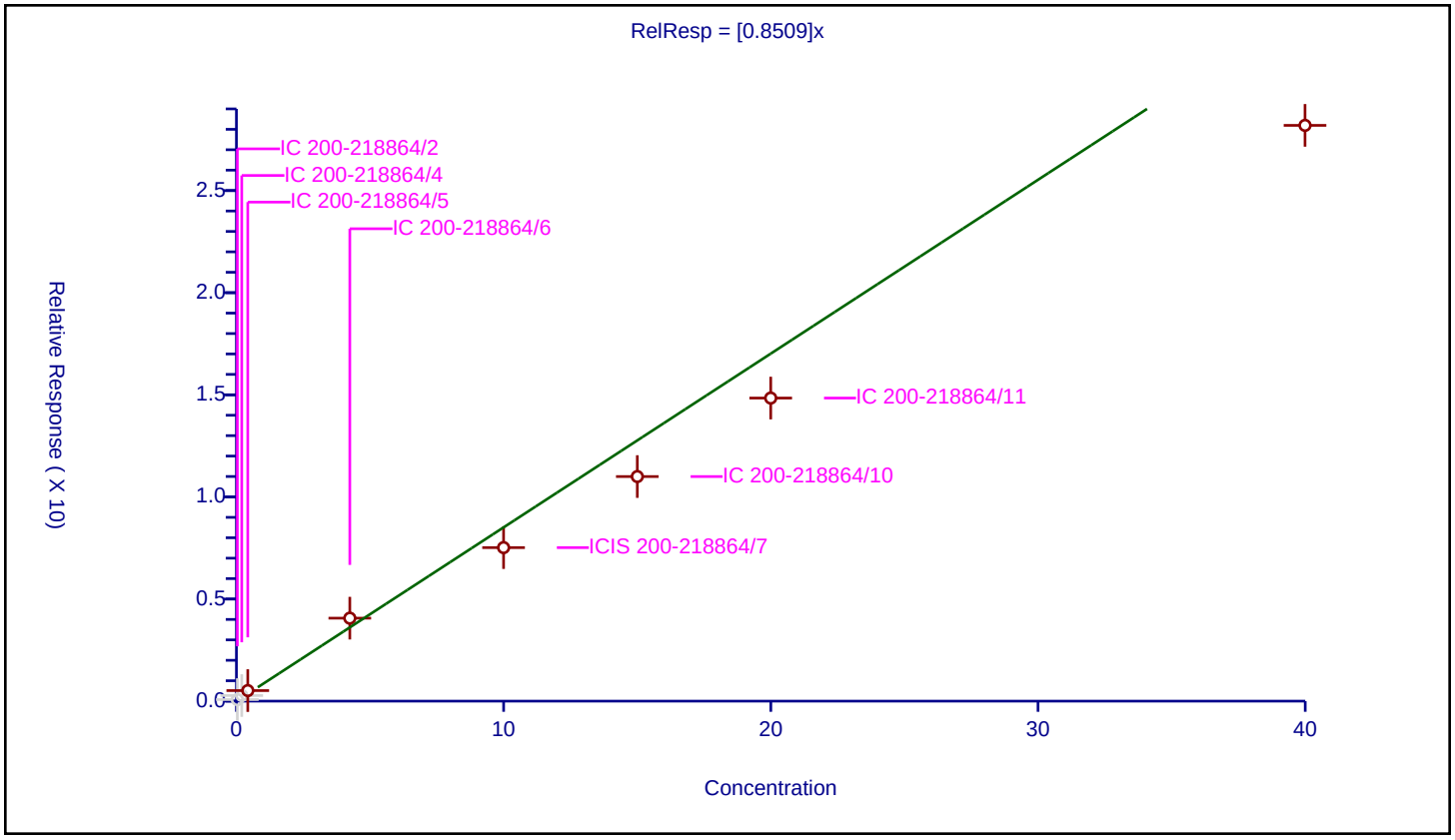
Curve Coefficients

Intercept:	0
Slope:	0.8509

Error Coefficients

Relative Standard Deviation:	23.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.075912	10.0	848220.0	2.16695	N
2	IC 200-218864/4	0.200181	0.273923	10.0	805190.0	1.368376	N
3	IC 200-218864/5	0.425385	0.517283	10.0	844664.0	1.216035	Y
4	IC 200-218864/6	4.243678	4.063113	10.0	772228.0	0.957451	Y
5	ICIS 200-218864/7	9.99806	7.517321	10.0	804083.0	0.751878	Y
6	IC 200-218864/10	15.003557	10.99796	10.0	800914.0	0.733024	Y
7	IC 200-218864/11	19.99612	14.840152	10.0	817466.0	0.742152	Y
8	IC 200-218864/12	39.99224	28.193042	10.0	864176.0	0.704963	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

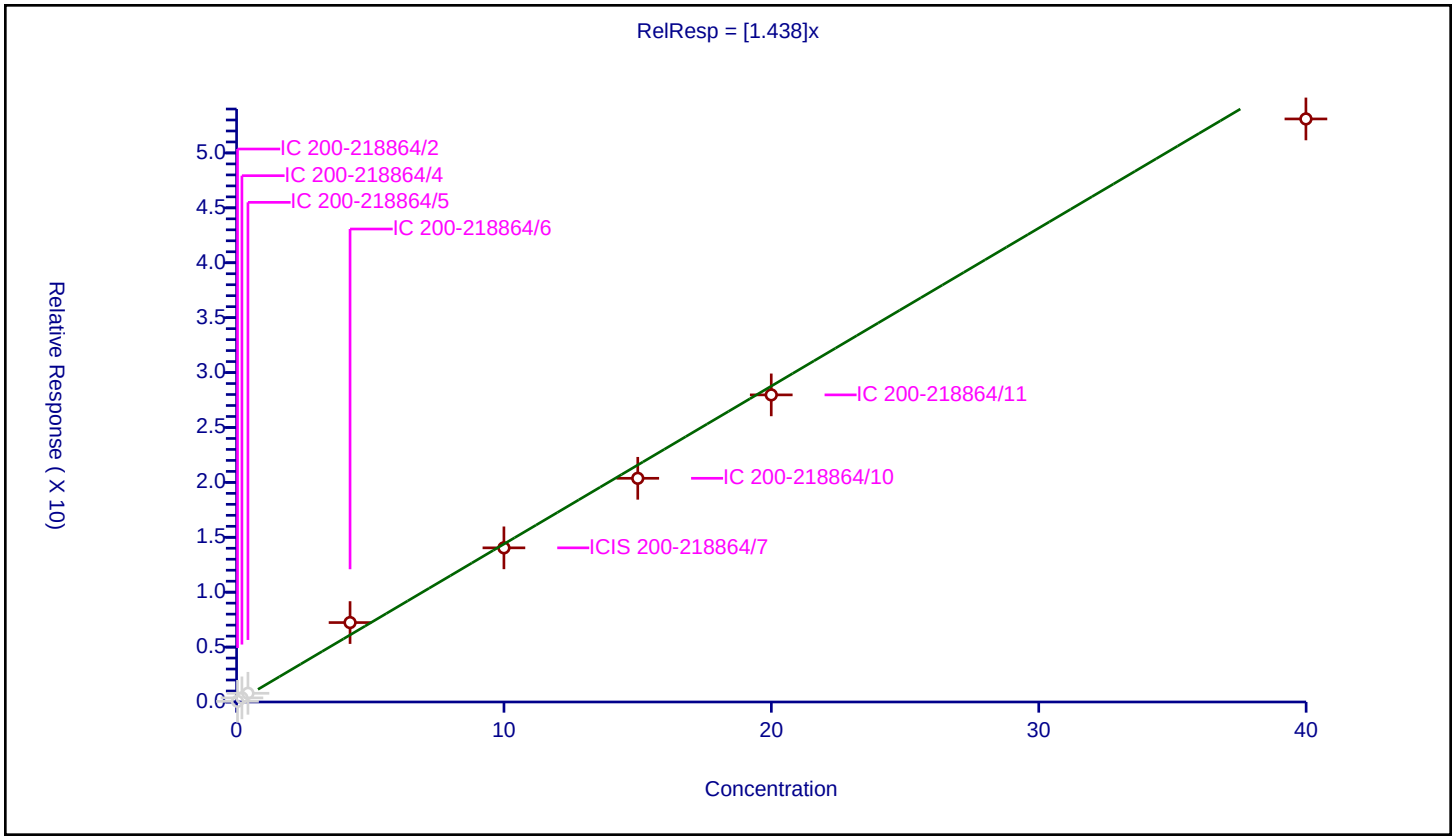
Curve Coefficients

Intercept:	0
Slope:	1.438

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.060373	10.0	848220.0	1.723397	N
2	IC 200-218864/4	0.200181	0.375414	10.0	805190.0	1.875375	N
3	IC 200-218864/5	0.425385	0.791853	10.0	844664.0	1.861499	N
4	IC 200-218864/6	4.243678	7.232527	10.0	772228.0	1.704306	Y
5	ICIS 200-218864/7	9.99806	14.037519	10.0	804083.0	1.404024	Y
6	IC 200-218864/10	15.003557	20.370377	10.0	800914.0	1.357703	Y
7	IC 200-218864/11	19.99612	27.966044	10.0	817466.0	1.398574	Y
8	IC 200-218864/12	39.99224	53.097031	10.0	864176.0	1.327683	Y



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Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

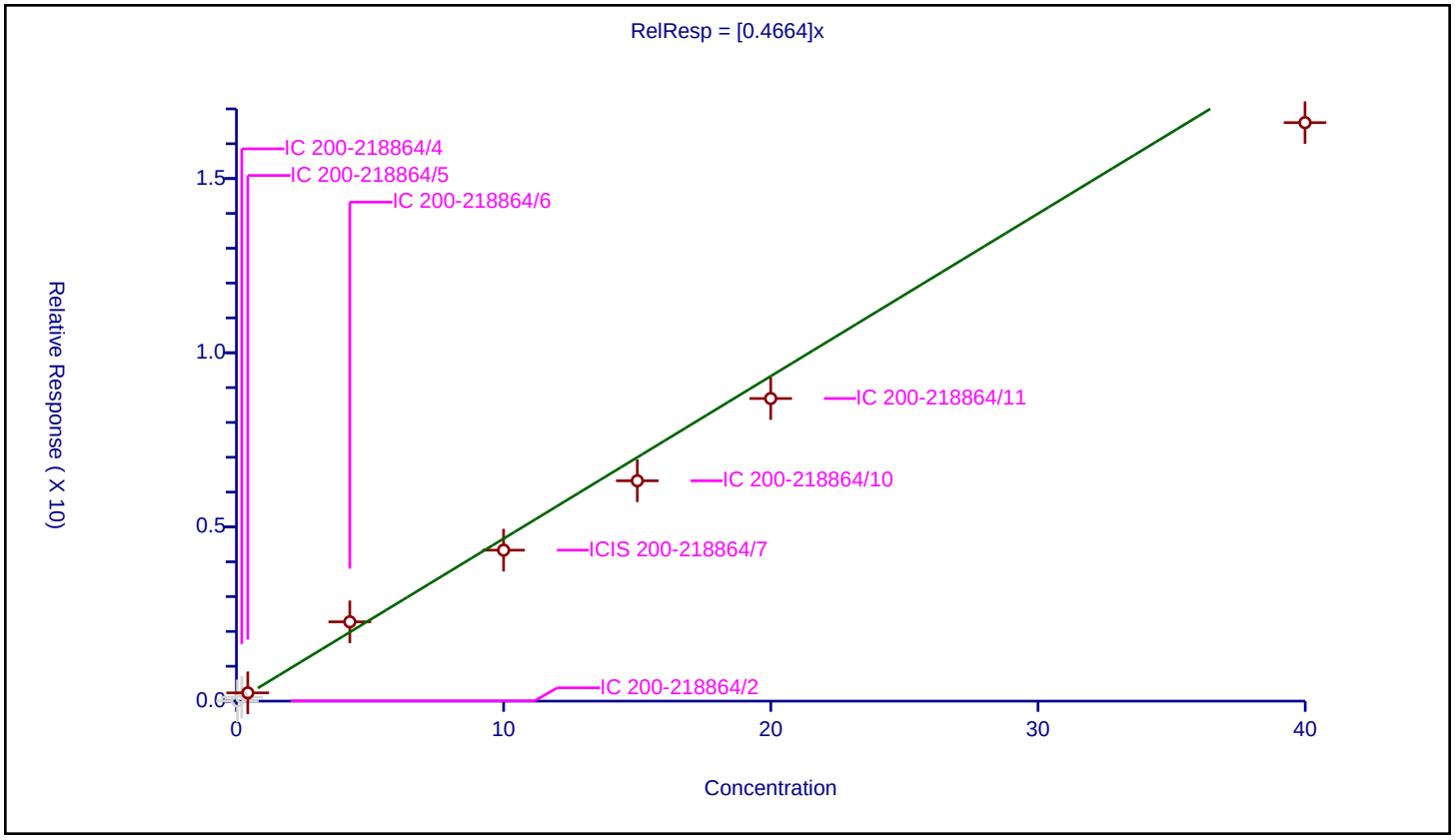
Curve Coefficients

Intercept:	0
Slope:	0.4664

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.006991	10.0	848220.0	0.199565	N
2	IC 200-218864/4	0.200181	0.111638	10.0	805190.0	0.557686	N
3	IC 200-218864/5	0.425385	0.237148	10.0	844664.0	0.55749	Y
4	IC 200-218864/6	4.243678	2.276685	10.0	772228.0	0.536489	Y
5	ICIS 200-218864/7	9.99806	4.333943	10.0	804083.0	0.433478	Y
6	IC 200-218864/10	15.003557	6.325311	10.0	800914.0	0.421587	Y
7	IC 200-218864/11	19.99612	8.68638	10.0	817466.0	0.434403	Y
8	IC 200-218864/12	39.99224	16.605136	10.0	864176.0	0.415209	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

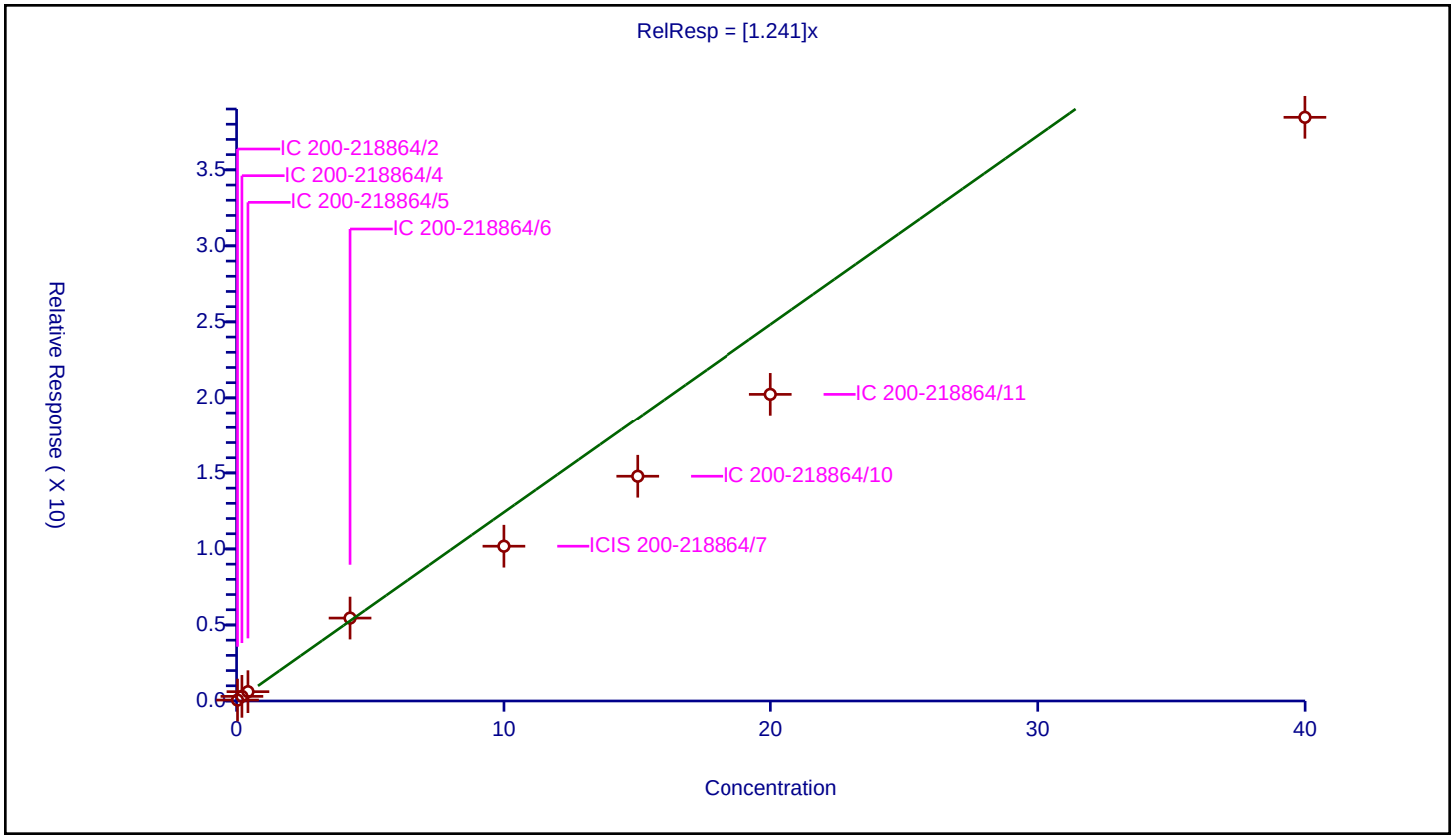
Curve Coefficients

Intercept:	0
Slope:	1.241

Error Coefficients

Relative Standard Deviation:	23.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.059914	10.0	848220.0	1.710272	Y
2	IC 200-218864/4	0.200181	0.303953	10.0	805190.0	1.518391	Y
3	IC 200-218864/5	0.425385	0.612705	10.0	844664.0	1.440355	Y
4	IC 200-218864/6	4.243678	5.454011	10.0	772228.0	1.285208	Y
5	ICIS 200-218864/7	9.99806	10.179596	10.0	804083.0	1.018157	Y
6	IC 200-218864/10	15.003557	14.783098	10.0	800914.0	0.985306	Y
7	IC 200-218864/11	19.99612	20.231912	10.0	817466.0	1.011792	Y
8	IC 200-218864/12	39.99224	38.45388	10.0	864176.0	0.961534	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

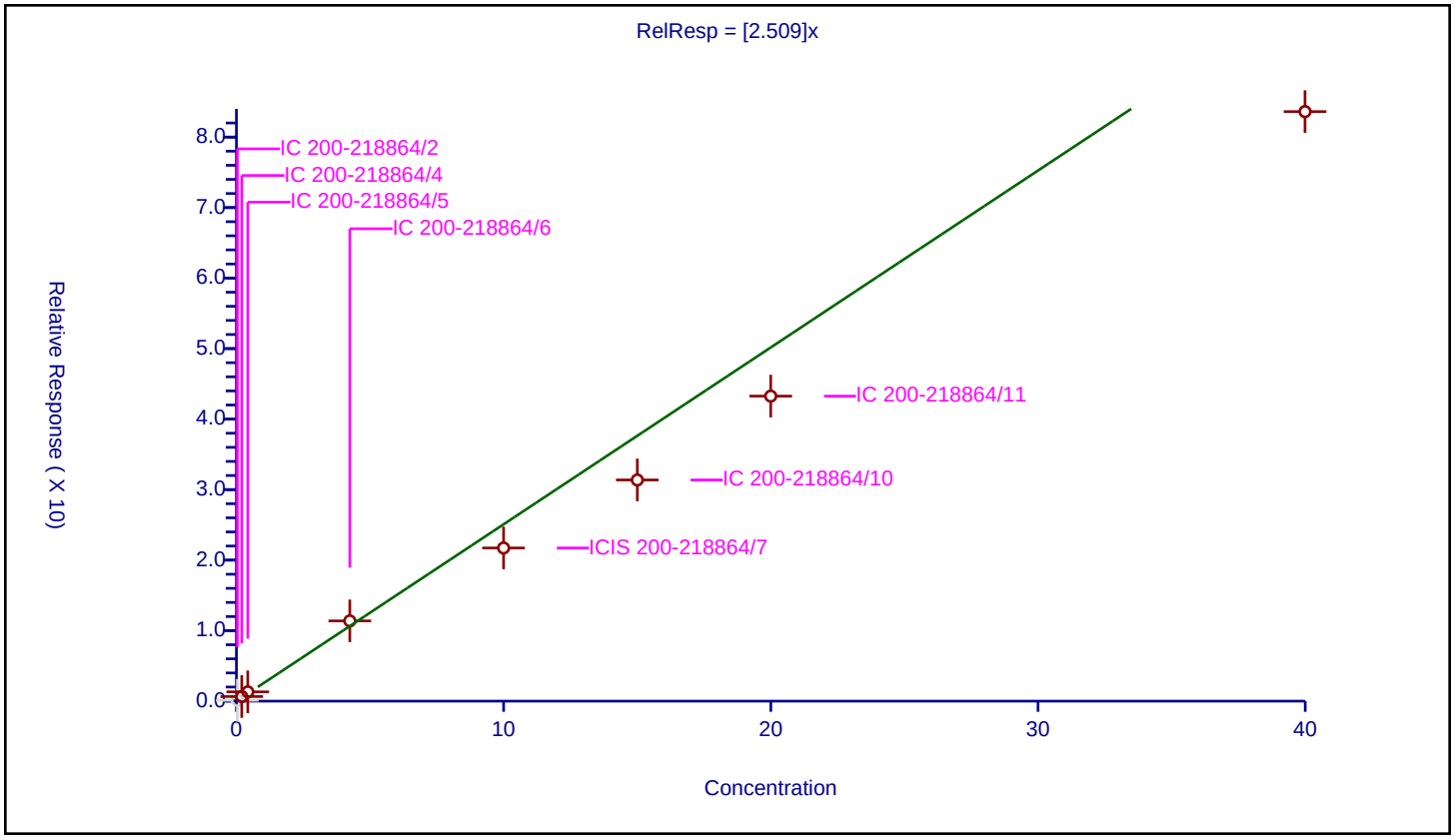
Curve Coefficients

Intercept:	0
Slope:	2.509

Error Coefficients

Relative Standard Deviation:	20.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.119356	10.0	848220.0	3.407082	N
2	IC 200-218864/4	0.200181	0.653051	10.0	805190.0	3.262301	Y
3	IC 200-218864/5	0.425385	1.317897	10.0	844664.0	3.098129	Y
4	IC 200-218864/6	4.243678	11.378958	10.0	772228.0	2.68139	Y
5	ICIS 200-218864/7	9.99806	21.722807	10.0	804083.0	2.172702	Y
6	IC 200-218864/10	15.003557	31.370322	10.0	800914.0	2.090859	Y
7	IC 200-218864/11	19.99612	43.261701	10.0	817466.0	2.163505	Y
8	IC 200-218864/12	39.99224	83.615907	10.0	864176.0	2.090803	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

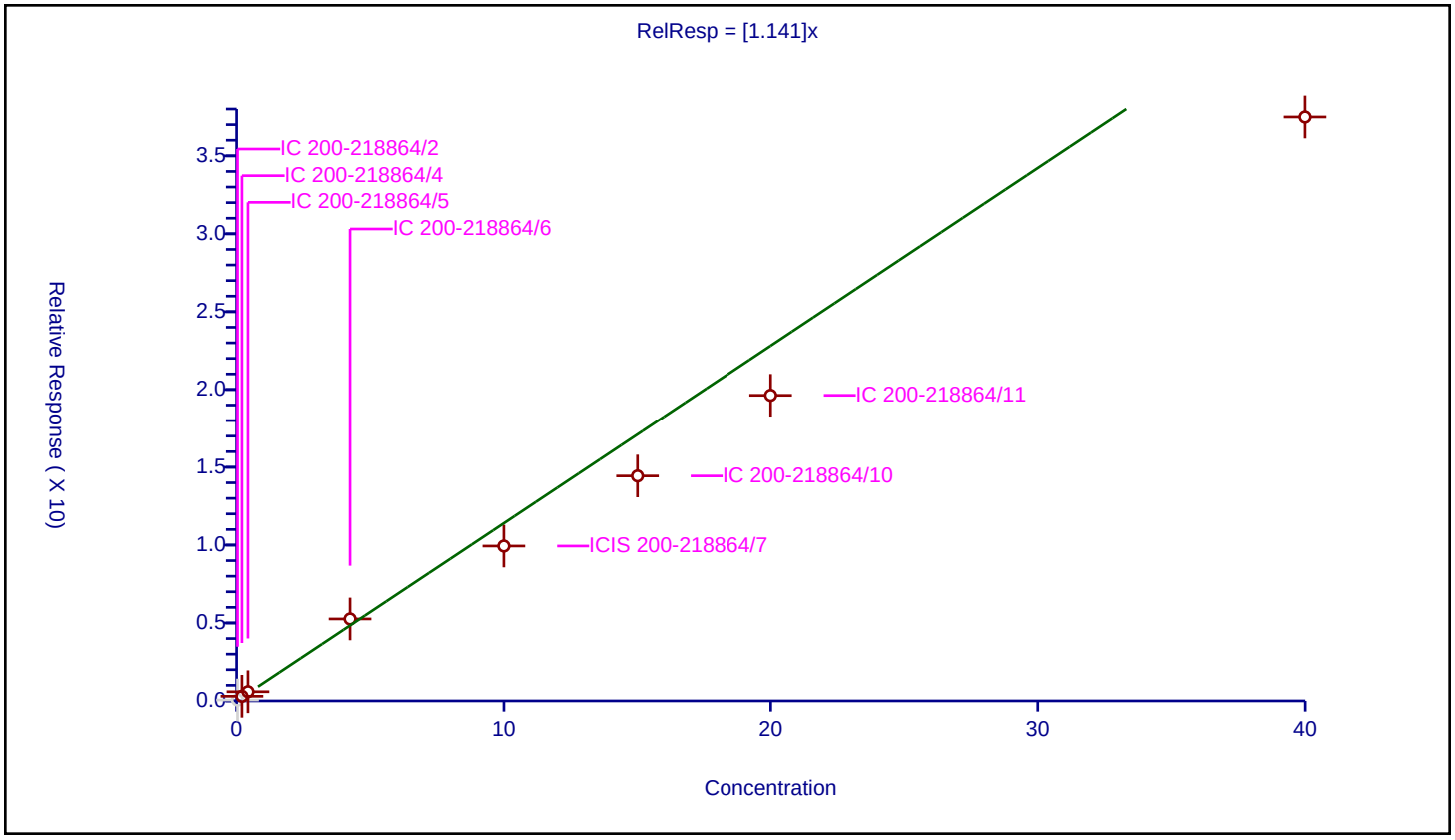
Curve Coefficients

Intercept:	0
Slope:	1.141

Error Coefficients

Relative Standard Deviation:	19.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.057945	10.0	848220.0	1.654071	N
2	IC 200-218864/4	0.200181	0.297719	10.0	805190.0	1.487247	Y
3	IC 200-218864/5	0.425385	0.588435	10.0	844664.0	1.383301	Y
4	IC 200-218864/6	4.243678	5.257916	10.0	772228.0	1.239	Y
5	ICIS 200-218864/7	9.99806	9.936064	10.0	804083.0	0.993799	Y
6	IC 200-218864/10	15.003557	14.439303	10.0	800914.0	0.962392	Y
7	IC 200-218864/11	19.99612	19.62774	10.0	817466.0	0.981577	Y
8	IC 200-218864/12	39.99224	37.490002	10.0	864176.0	0.937432	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

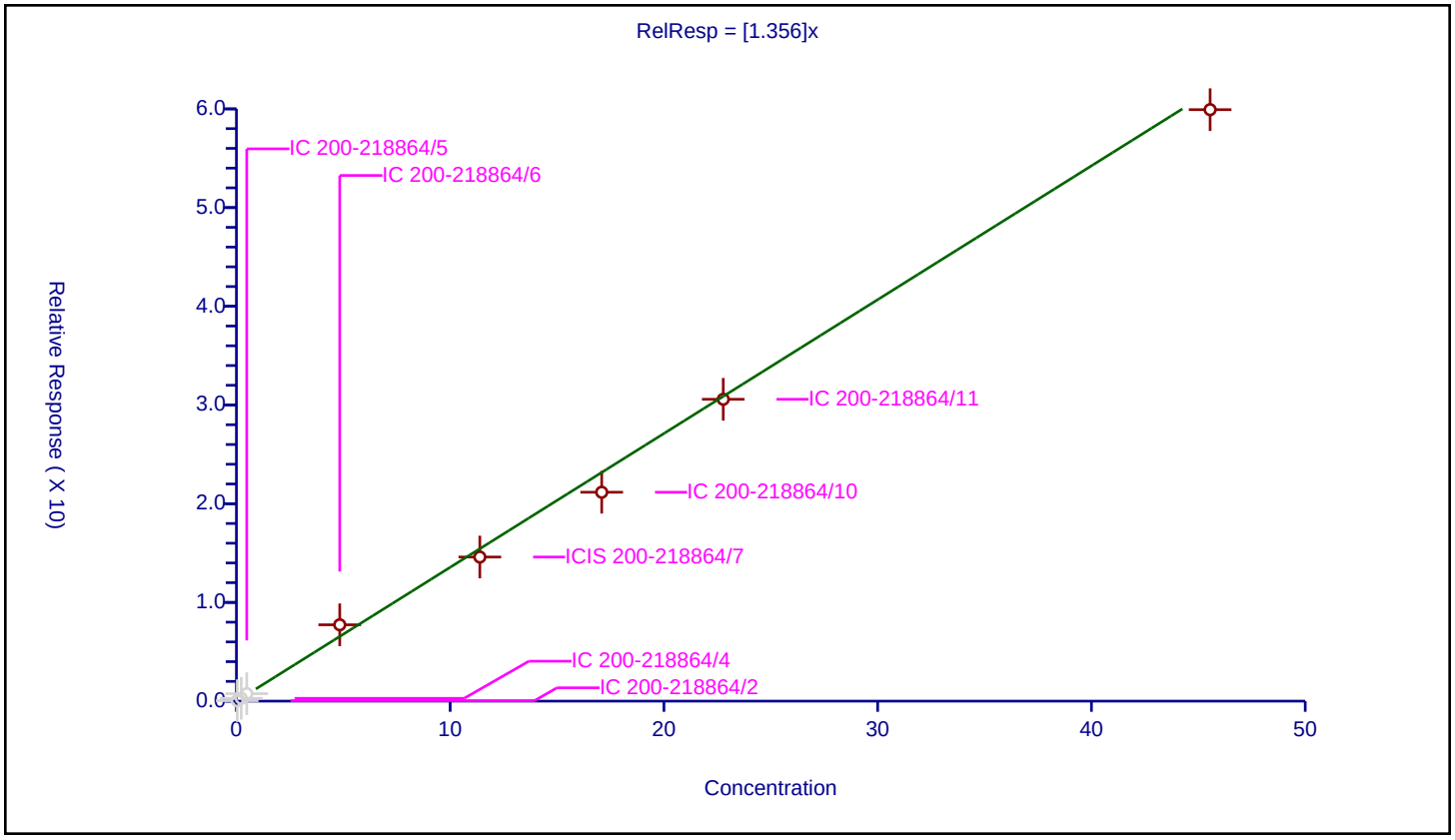
Curve Coefficients

Intercept:	0
Slope:	1.356

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.039901	0.043585	10.0	848220.0	1.092336	N
2	IC 200-218864/4	0.228006	0.285622	10.0	805190.0	1.252694	N
3	IC 200-218864/5	0.484513	0.75475	10.0	844664.0	1.557749	N
4	IC 200-218864/6	4.83355	7.735358	10.0	772228.0	1.600347	Y
5	ICIS 200-218864/7	11.38779	14.598194	10.0	804083.0	1.281916	Y
6	IC 200-218864/10	17.089051	21.164894	10.0	800914.0	1.238506	Y
7	IC 200-218864/11	22.77558	30.579461	10.0	817466.0	1.342642	Y
8	IC 200-218864/12	45.551161	59.923013	10.0	864176.0	1.31551	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

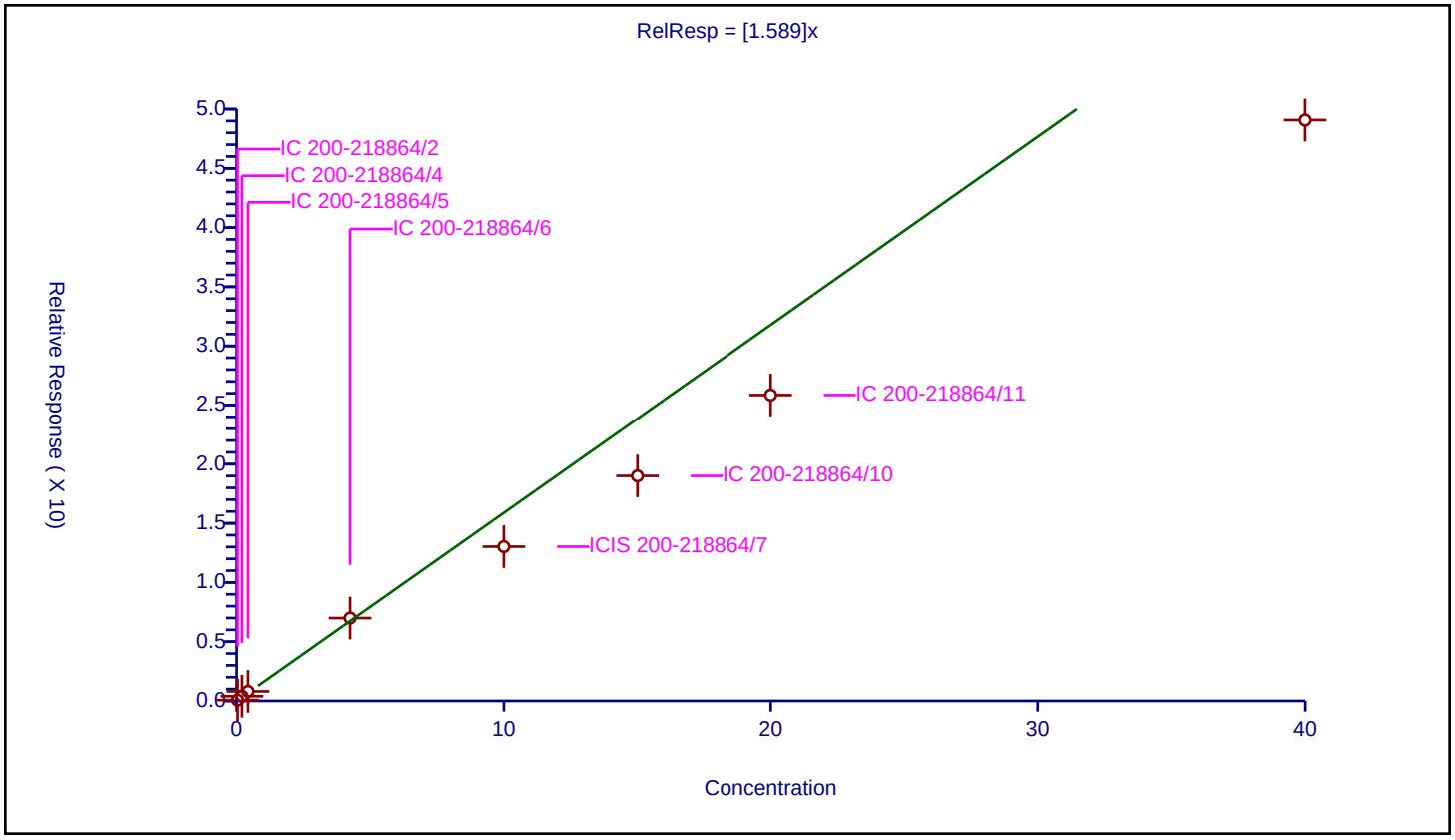
Curve Coefficients

Intercept:	0
Slope:	1.589

Error Coefficients

Relative Standard Deviation:	22.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.073696	10.0	848220.0	2.103682	Y
2	IC 200-218864/4	0.200181	0.396329	10.0	805190.0	1.979852	Y
3	IC 200-218864/5	0.425385	0.804344	10.0	844664.0	1.890861	Y
4	IC 200-218864/6	4.243678	6.994644	10.0	772228.0	1.64825	Y
5	ICIS 200-218864/7	9.99806	13.03016	10.0	804083.0	1.303269	Y
6	IC 200-218864/10	15.003557	19.008533	10.0	800914.0	1.266935	Y
7	IC 200-218864/11	19.99612	25.847485	10.0	817466.0	1.292625	Y
8	IC 200-218864/12	39.99224	49.077815	10.0	864176.0	1.227183	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

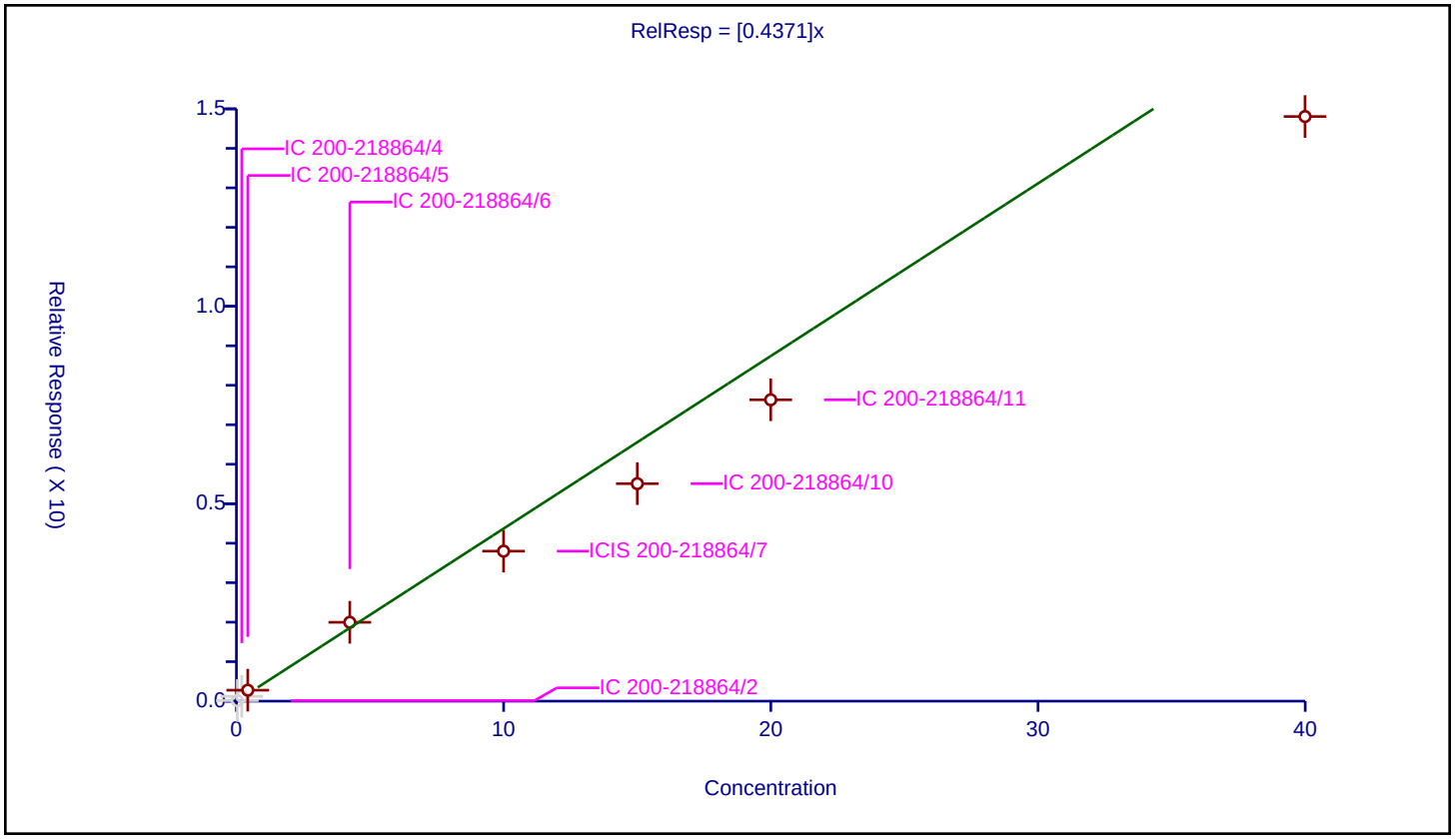
Curve Coefficients

Intercept:	0
Slope:	0.4371

Error Coefficients

Relative Standard Deviation:	25.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.014501	10.0	848220.0	0.413938	N
2	IC 200-218864/4	0.200181	0.121599	10.0	805190.0	0.607443	N
3	IC 200-218864/5	0.425385	0.277708	10.0	844664.0	0.65284	Y
4	IC 200-218864/6	4.243678	1.996923	10.0	772228.0	0.470564	Y
5	ICIS 200-218864/7	9.99806	3.798526	10.0	804083.0	0.379926	Y
6	IC 200-218864/10	15.003557	5.508457	10.0	800914.0	0.367143	Y
7	IC 200-218864/11	19.99612	7.632207	10.0	817466.0	0.381684	Y
8	IC 200-218864/12	39.99224	14.80637	10.0	864176.0	0.370231	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

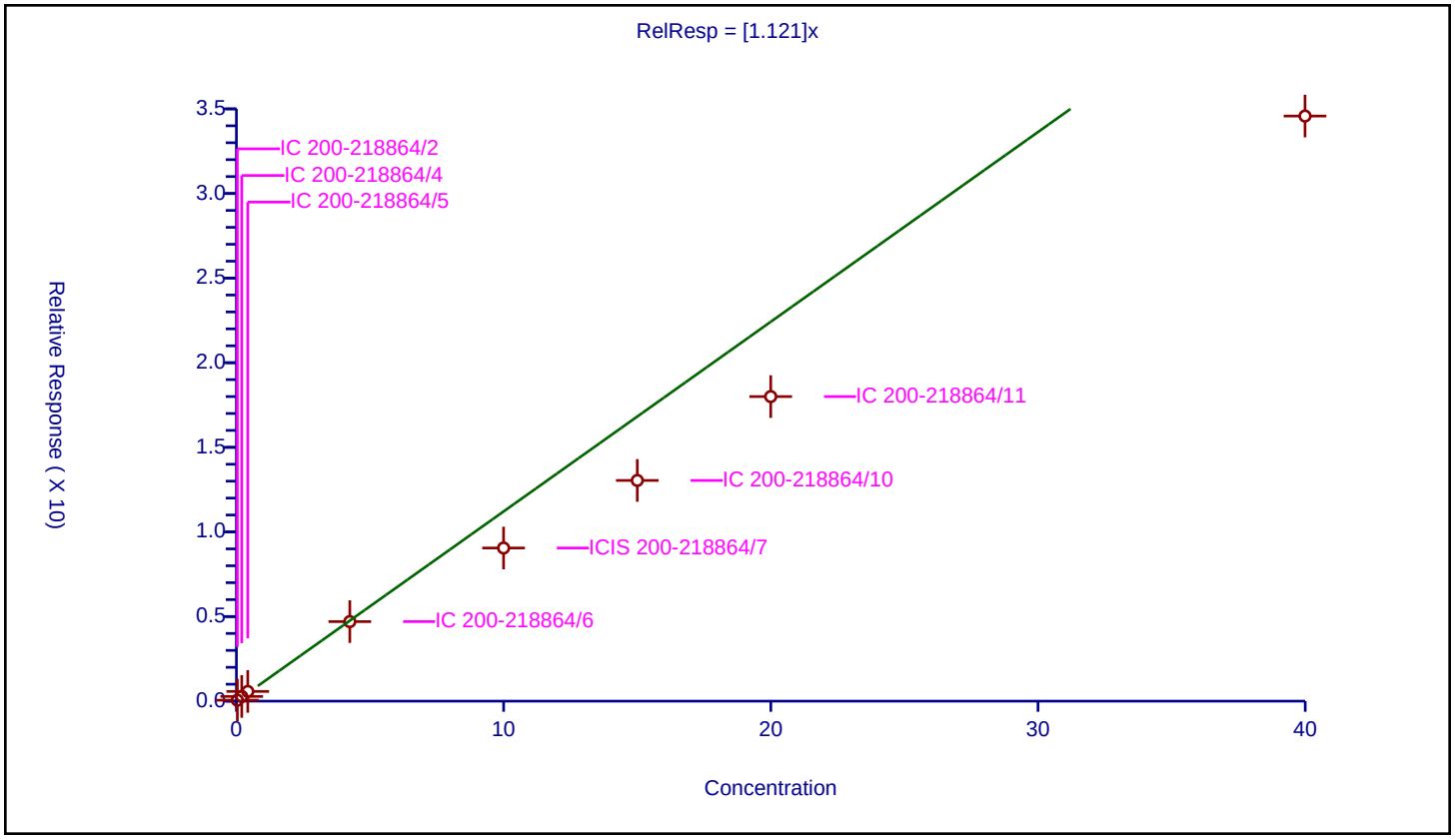
Curve Coefficients

Intercept:	0
Slope:	1.121

Error Coefficients

Relative Standard Deviation:	25.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.055446	10.0	848220.0	1.582725	Y
2	IC 200-218864/4	0.200181	0.278431	10.0	805190.0	1.390897	Y
3	IC 200-218864/5	0.425385	0.573542	10.0	844664.0	1.348289	Y
4	IC 200-218864/6	4.243678	4.700283	10.0	772228.0	1.107596	Y
5	ICIS 200-218864/7	9.99806	9.049862	10.0	804083.0	0.905162	Y
6	IC 200-218864/10	15.003557	13.042362	10.0	800914.0	0.869285	Y
7	IC 200-218864/11	19.99612	17.998571	10.0	817466.0	0.900103	Y
8	IC 200-218864/12	39.99224	34.576186	10.0	864176.0	0.864572	Y



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Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

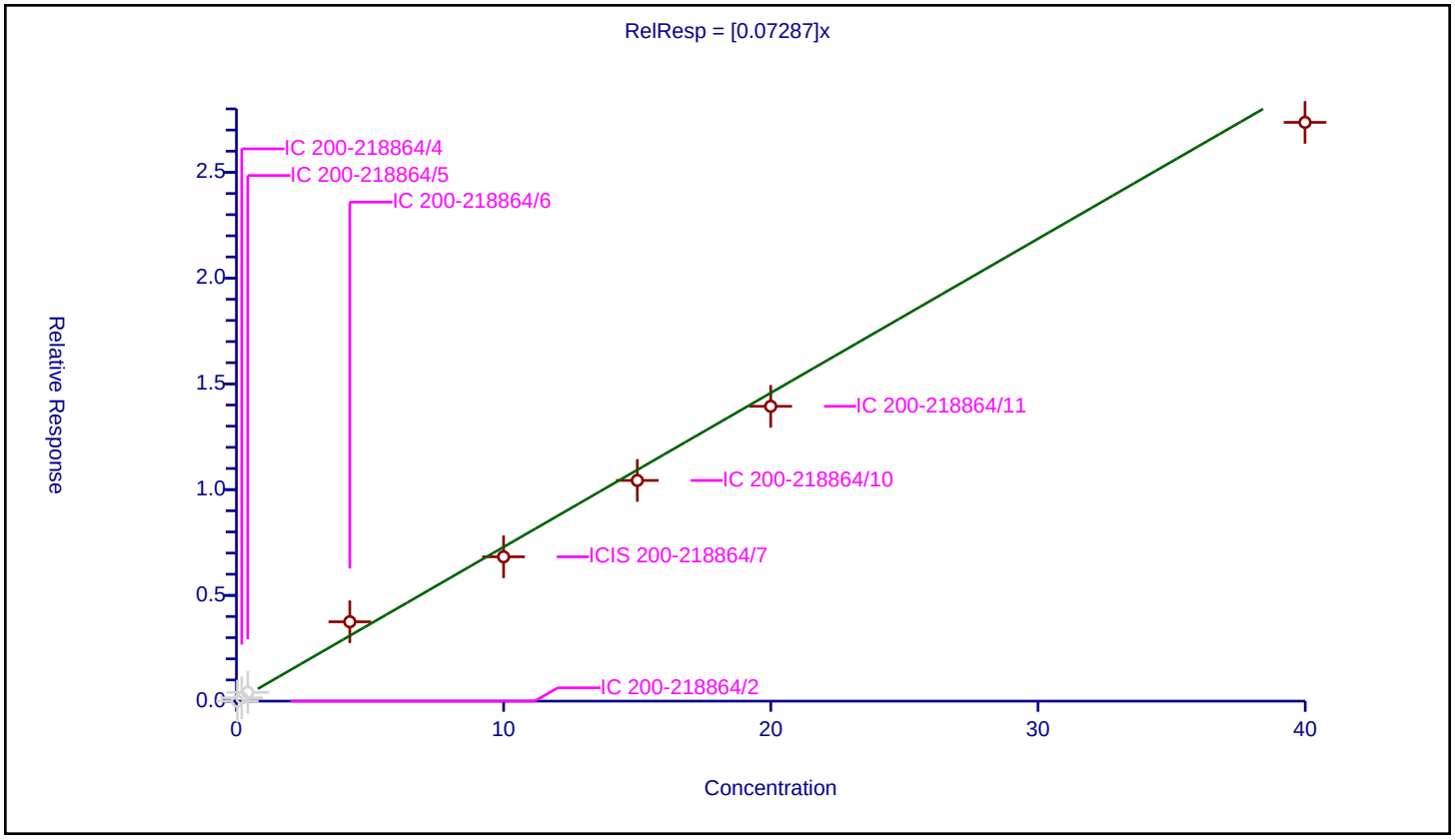
Curve Coefficients

Intercept:	0
Slope:	0.07287

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.0	10.0	848220.0	0.0	N
2	IC 200-218864/4	0.200181	0.015512	10.0	805190.0	0.077489	N
3	IC 200-218864/5	0.425385	0.041508	10.0	844664.0	0.097577	N
4	IC 200-218864/6	4.243678	0.375213	10.0	772228.0	0.088417	Y
5	ICIS 200-218864/7	9.99806	0.68238	10.0	804083.0	0.068251	Y
6	IC 200-218864/10	15.003557	1.043408	10.0	800914.0	0.069544	Y
7	IC 200-218864/11	19.99612	1.393868	10.0	817466.0	0.069707	Y
8	IC 200-218864/12	39.99224	2.736329	10.0	864176.0	0.068422	Y



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Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

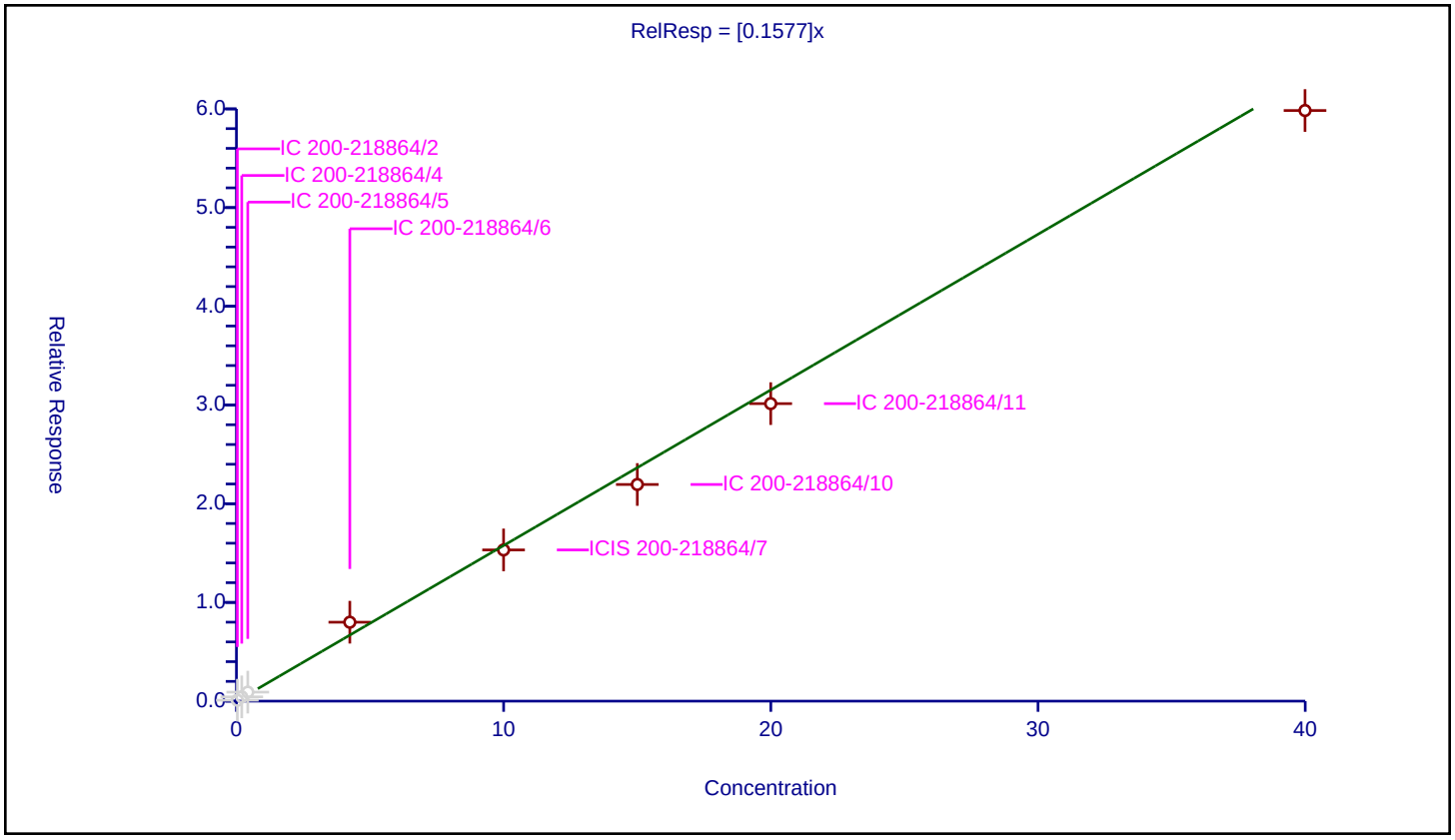
Curve Coefficients

Intercept:	0
Slope:	0.1577

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.009186	10.0	4098555.0	0.262224	N
2	IC 200-218864/4	0.200181	0.043332	10.0	3948397.0	0.216462	N
3	IC 200-218864/5	0.425385	0.091234	10.0	4110659.0	0.214473	N
4	IC 200-218864/6	4.243678	0.799626	10.0	3770138.0	0.188428	Y
5	ICIS 200-218864/7	9.99806	1.531988	10.0	3882955.0	0.153229	Y
6	IC 200-218864/10	15.003557	2.194832	10.0	3900108.0	0.146287	Y
7	IC 200-218864/11	19.99612	3.014089	10.0	3927021.0	0.150734	Y
8	IC 200-218864/12	39.99224	5.983446	10.0	3996588.0	0.149615	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

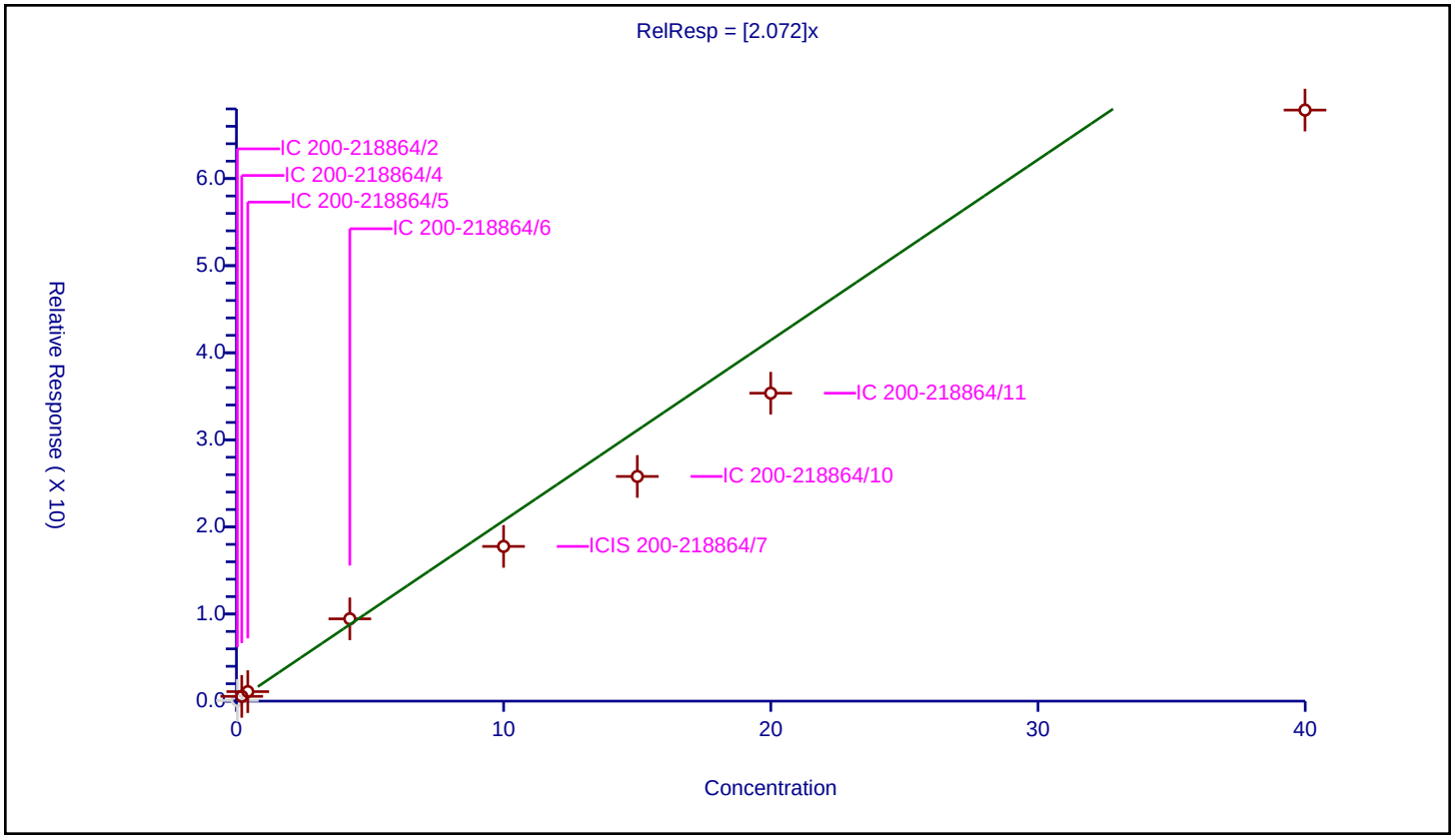
Curve Coefficients

Intercept:	0
Slope:	2.072

Error Coefficients

Relative Standard Deviation:	21.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.072776	10.0	848220.0	2.077432	N
2	IC 200-218864/4	0.200181	0.549522	10.0	805190.0	2.745128	Y
3	IC 200-218864/5	0.425385	1.094672	10.0	844664.0	2.573369	Y
4	IC 200-218864/6	4.243678	9.450201	10.0	772228.0	2.226889	Y
5	ICIS 200-218864/7	9.99806	17.765343	10.0	804083.0	1.776879	Y
6	IC 200-218864/10	15.003557	25.79895	10.0	800914.0	1.719522	Y
7	IC 200-218864/11	19.99612	35.359354	10.0	817466.0	1.768311	Y
8	IC 200-218864/12	39.99224	67.865597	10.0	864176.0	1.696969	Y



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Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

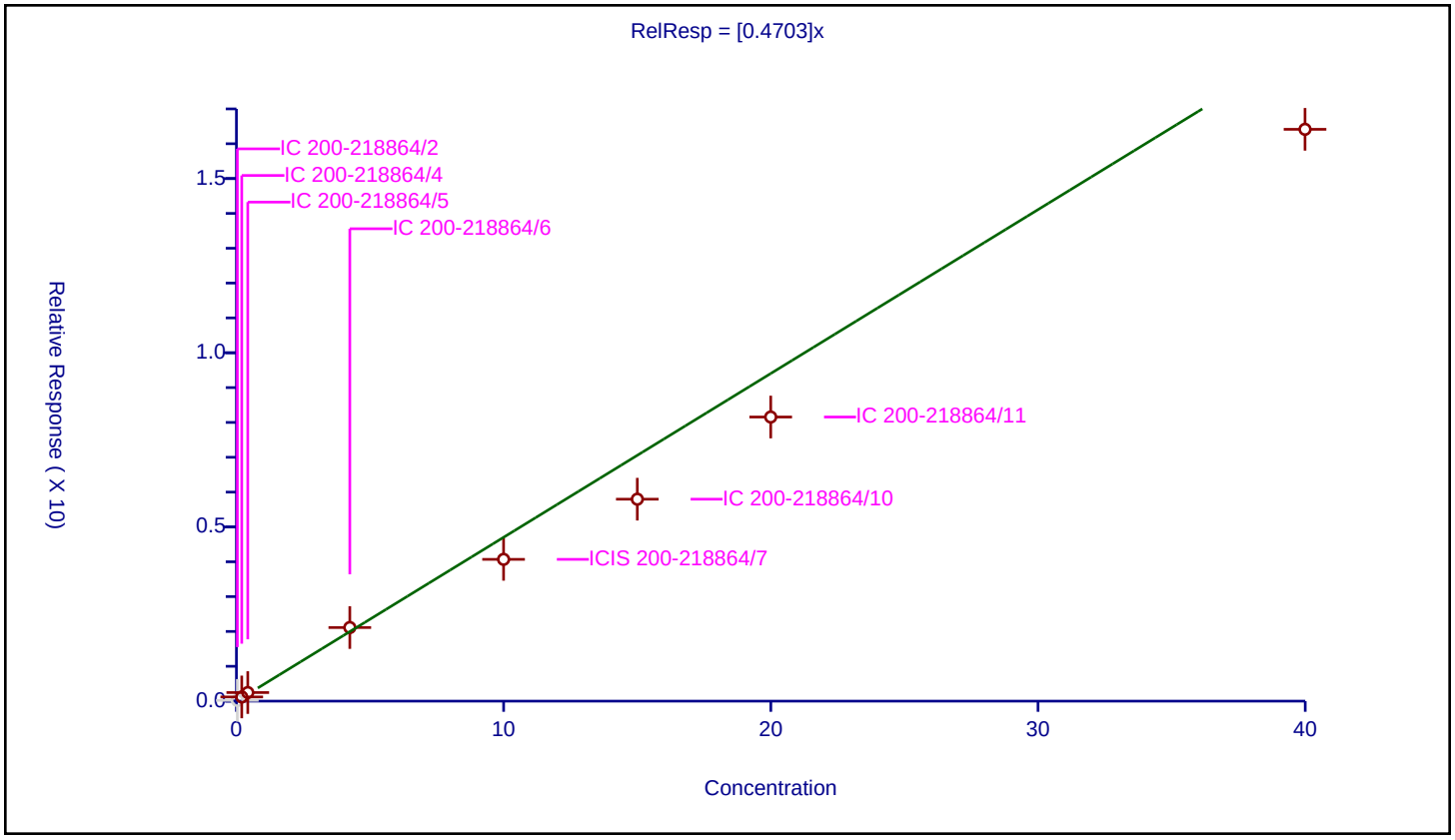
Curve Coefficients

Intercept:	0
Slope:	0.4703

Error Coefficients

Relative Standard Deviation:	19.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.021988	10.0	4098555.0	0.627667	N
2	IC 200-218864/4	0.200181	0.120467	10.0	3948397.0	0.601788	Y
3	IC 200-218864/5	0.425385	0.246929	10.0	4110659.0	0.580483	Y
4	IC 200-218864/6	4.243678	2.113023	10.0	3770138.0	0.497923	Y
5	ICIS 200-218864/7	9.99806	4.069777	10.0	3882955.0	0.407057	Y
6	IC 200-218864/10	15.003557	5.79706	10.0	3900108.0	0.386379	Y
7	IC 200-218864/11	19.99612	8.1552	10.0	3927021.0	0.407839	Y
8	IC 200-218864/12	39.99224	16.413263	10.0	3996588.0	0.410411	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

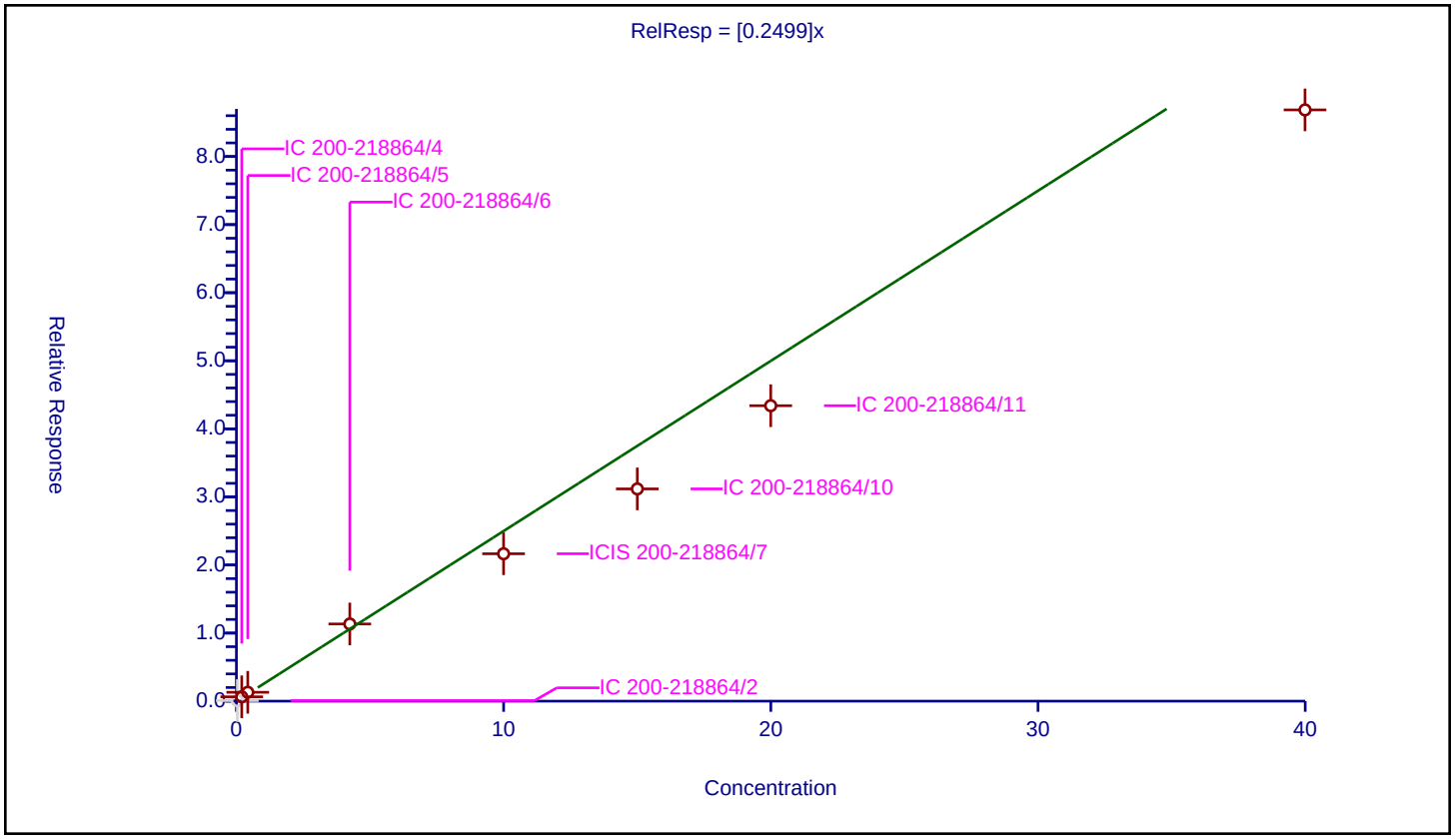
Curve Coefficients

Intercept:	0
Slope:	0.2499

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.008174	10.0	4098555.0	0.233321	N
2	IC 200-218864/4	0.200181	0.063689	10.0	3948397.0	0.318158	Y
3	IC 200-218864/5	0.425385	0.129986	10.0	4110659.0	0.305574	Y
4	IC 200-218864/6	4.243678	1.133523	10.0	3770138.0	0.267109	Y
5	ICIS 200-218864/7	9.99806	2.165039	10.0	3882955.0	0.216546	Y
6	IC 200-218864/10	15.003557	3.117511	10.0	3900108.0	0.207785	Y
7	IC 200-218864/11	19.99612	4.339829	10.0	3927021.0	0.217034	Y
8	IC 200-218864/12	39.99224	8.685023	10.0	3996588.0	0.217168	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

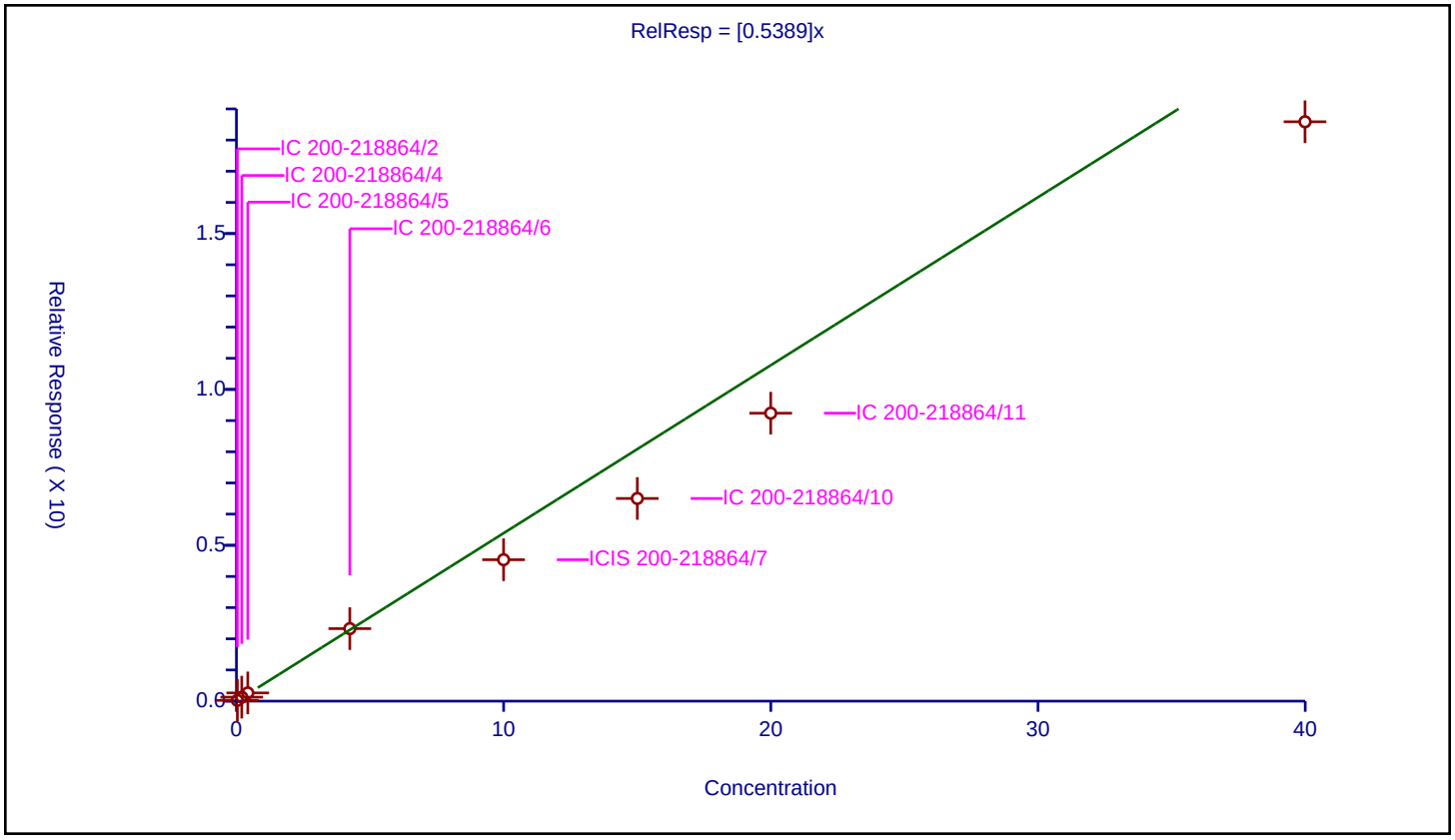
Curve Coefficients

Intercept:	0
Slope:	0.5389

Error Coefficients

Relative Standard Deviation:	18.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.024277	10.0	4098555.0	0.692997	Y
2	IC 200-218864/4	0.200181	0.12731	10.0	3948397.0	0.635974	Y
3	IC 200-218864/5	0.425385	0.263661	10.0	4110659.0	0.619818	Y
4	IC 200-218864/6	4.243678	2.32661	10.0	3770138.0	0.548253	Y
5	ICIS 200-218864/7	9.99806	4.53636	10.0	3882955.0	0.453724	Y
6	IC 200-218864/10	15.003557	6.502176	10.0	3900108.0	0.433376	Y
7	IC 200-218864/11	19.99612	9.237669	10.0	3927021.0	0.461973	Y
8	IC 200-218864/12	39.99224	18.587177	10.0	3996588.0	0.46477	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

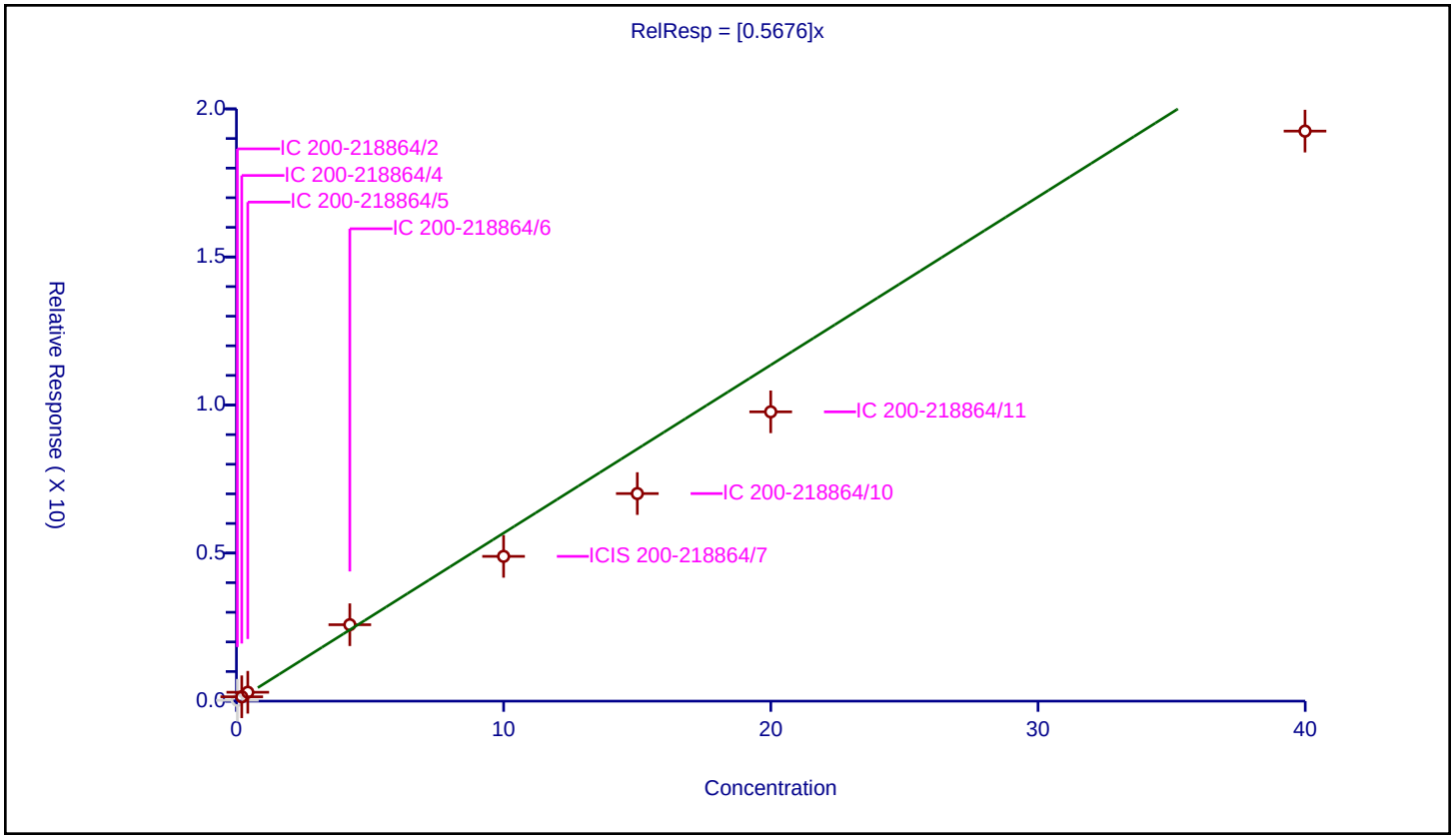
Curve Coefficients

Intercept:	0
Slope:	0.5676

Error Coefficients

Relative Standard Deviation:	20.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.028471	10.0	4098555.0	0.812722	N
2	IC 200-218864/4	0.200181	0.146715	10.0	3948397.0	0.732913	Y
3	IC 200-218864/5	0.425385	0.300348	10.0	4110659.0	0.706063	Y
4	IC 200-218864/6	4.243678	2.581051	10.0	3770138.0	0.608211	Y
5	ICIS 200-218864/7	9.99806	4.889081	10.0	3882955.0	0.489003	Y
6	IC 200-218864/10	15.003557	7.009229	10.0	3900108.0	0.467171	Y
7	IC 200-218864/11	19.99612	9.7702	10.0	3927021.0	0.488605	Y
8	IC 200-218864/12	39.99224	19.249702	10.0	3996588.0	0.481336	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

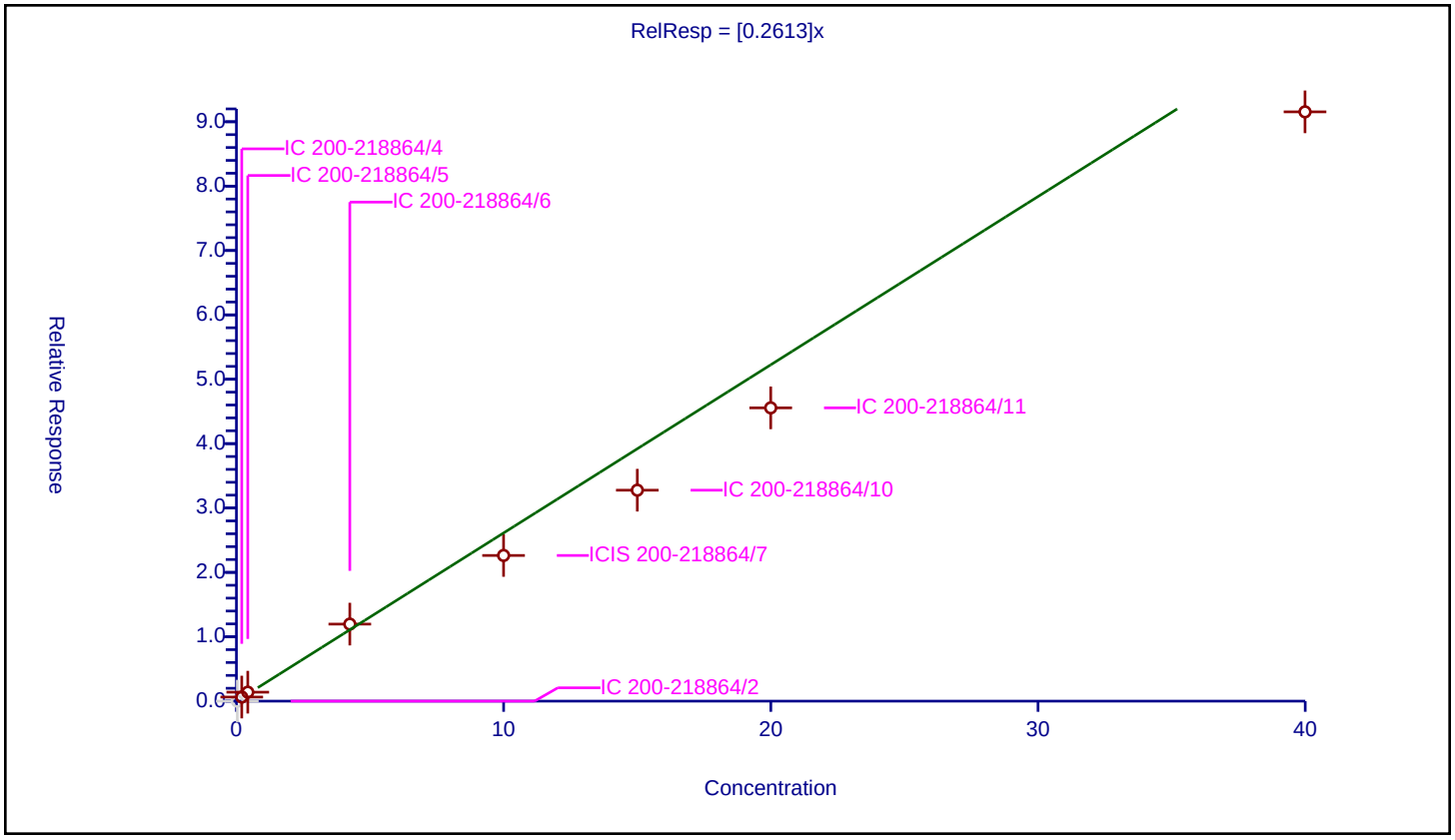
Curve Coefficients

Intercept:	0
Slope:	0.2613

Error Coefficients

Relative Standard Deviation:	18.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.0	10.0	4098555.0	0.0	N
2	IC 200-218864/4	0.200181	0.063606	10.0	3948397.0	0.31774	Y
3	IC 200-218864/5	0.425385	0.139418	10.0	4110659.0	0.327746	Y
4	IC 200-218864/6	4.243678	1.196609	10.0	3770138.0	0.281974	Y
5	ICIS 200-218864/7	9.99806	2.262905	10.0	3882955.0	0.226334	Y
6	IC 200-218864/10	15.003557	3.277137	10.0	3900108.0	0.218424	Y
7	IC 200-218864/11	19.99612	4.555957	10.0	3927021.0	0.227842	Y
8	IC 200-218864/12	39.99224	9.153988	10.0	3996588.0	0.228894	Y



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Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

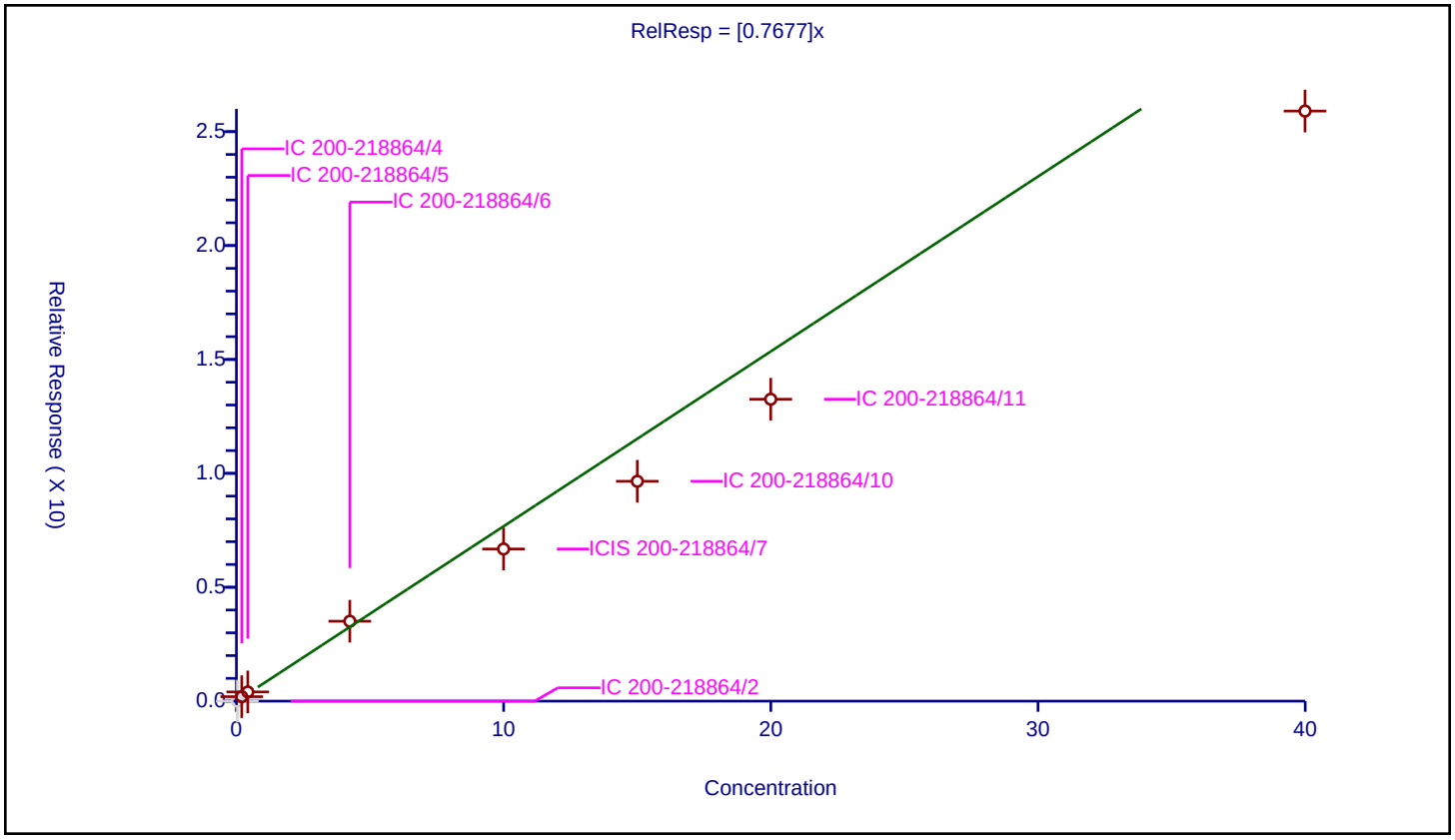
Curve Coefficients

Intercept:	0
Slope:	0.7677

Error Coefficients

Relative Standard Deviation:	19.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.0	10.0	4098555.0	0.0	N
2	IC 200-218864/4	0.200181	0.195297	10.0	3948397.0	0.975602	Y
3	IC 200-218864/5	0.425385	0.403952	10.0	4110659.0	0.949616	Y
4	IC 200-218864/6	4.243678	3.508023	10.0	3770138.0	0.826647	Y
5	ICIS 200-218864/7	9.99806	6.679385	10.0	3882955.0	0.668068	Y
6	IC 200-218864/10	15.003557	9.651115	10.0	3900108.0	0.643255	Y
7	IC 200-218864/11	19.99612	13.253494	10.0	3927021.0	0.662803	Y
8	IC 200-218864/12	39.99224	25.905615	10.0	3996588.0	0.647766	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

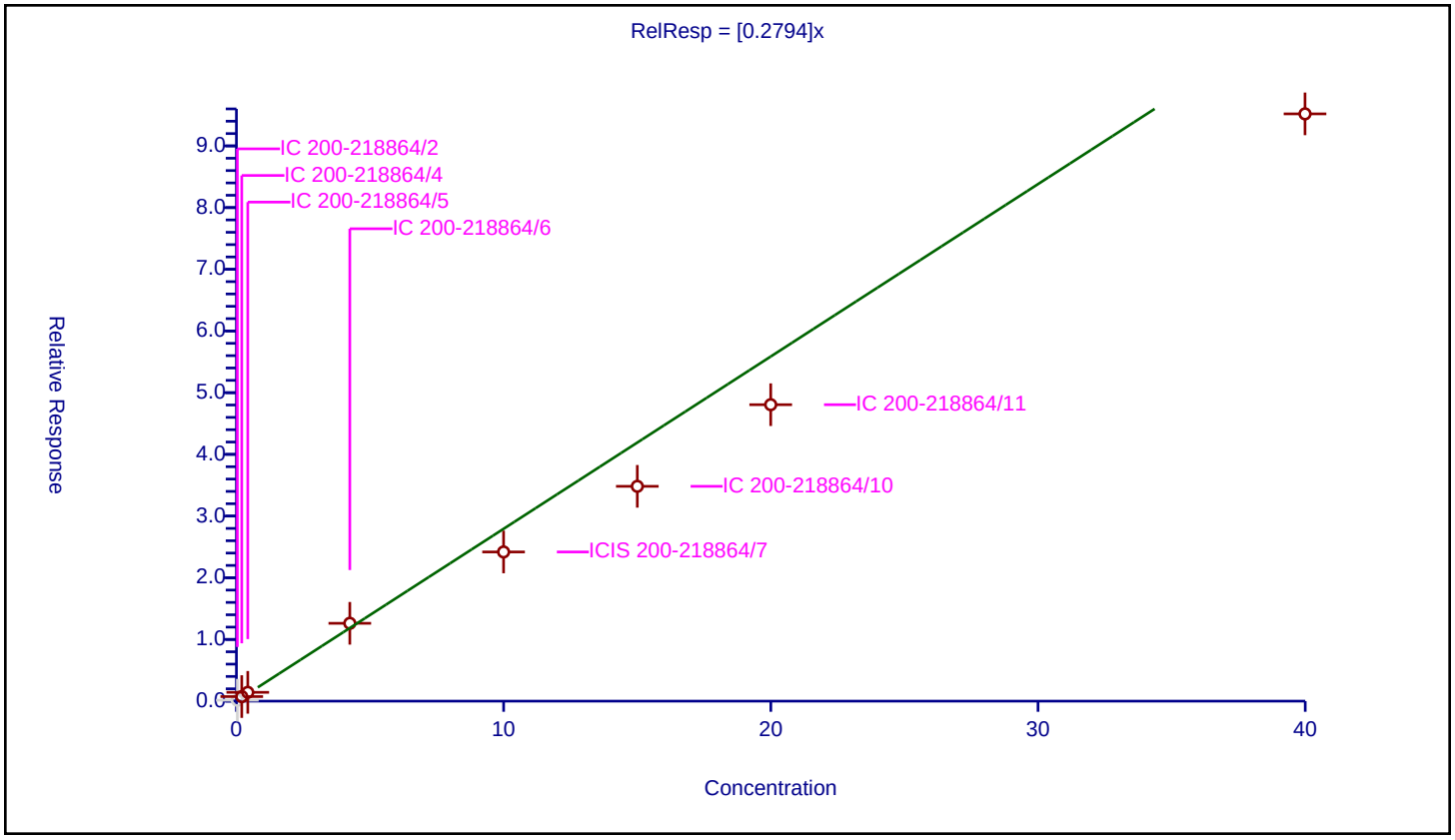
Curve Coefficients

Intercept:	0
Slope:	0.2794

Error Coefficients

Relative Standard Deviation:	19.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.015064	10.0	4098555.0	0.430006	N
2	IC 200-218864/4	0.200181	0.074157	10.0	3948397.0	0.370448	Y
3	IC 200-218864/5	0.425385	0.142668	10.0	4110659.0	0.335386	Y
4	IC 200-218864/6	4.243678	1.261697	10.0	3770138.0	0.297312	Y
5	ICIS 200-218864/7	9.99806	2.418475	10.0	3882955.0	0.241894	Y
6	IC 200-218864/10	15.003557	3.482234	10.0	3900108.0	0.232094	Y
7	IC 200-218864/11	19.99612	4.805449	10.0	3927021.0	0.240319	Y
8	IC 200-218864/12	39.99224	9.51937	10.0	3996588.0	0.23803	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

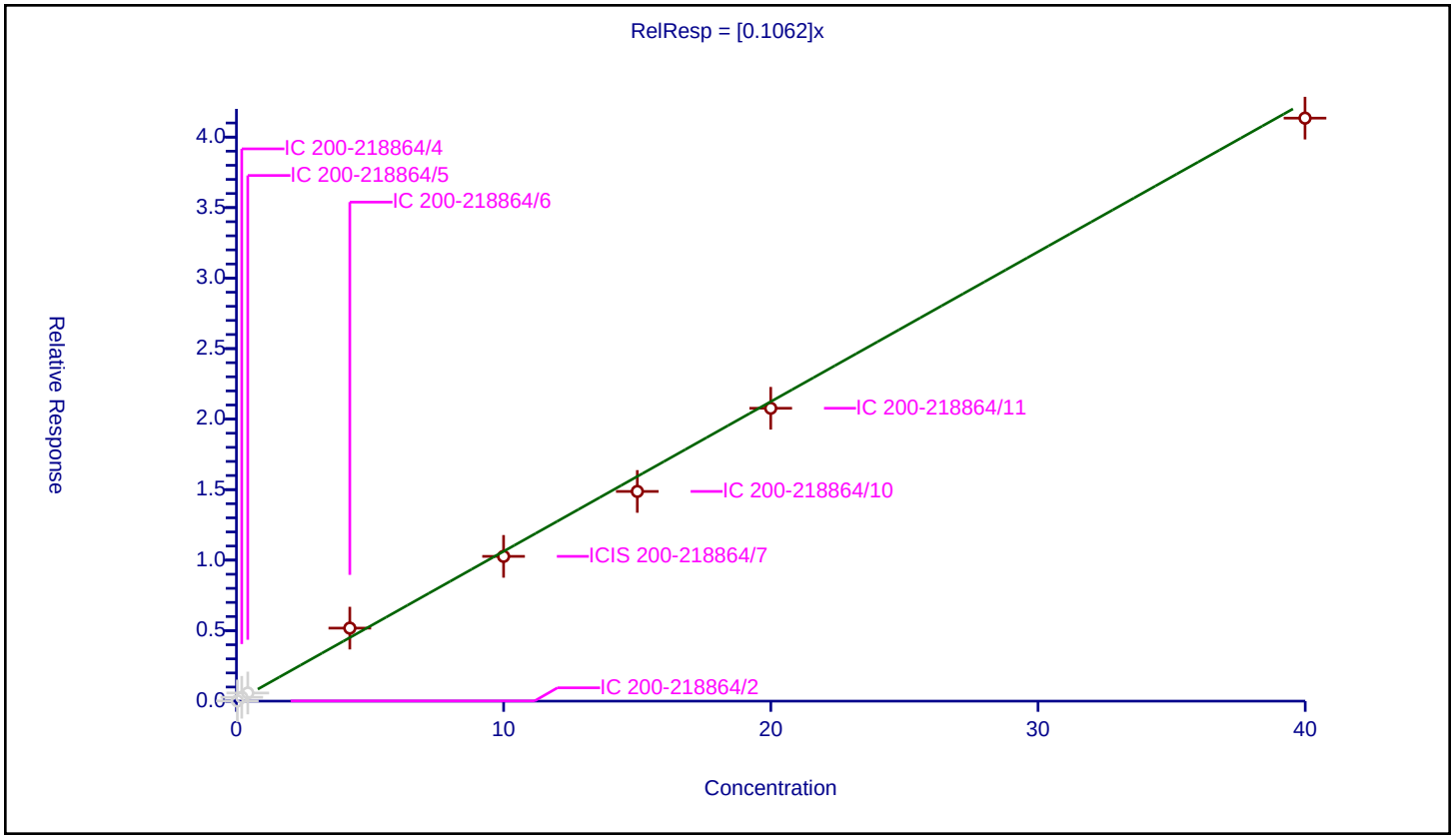
Curve Coefficients

Intercept:	0
Slope:	0.1062

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.001483	10.0	4098555.0	0.042346	N
2	IC 200-218864/4	0.200181	0.027282	10.0	3948397.0	0.136286	N
3	IC 200-218864/5	0.425385	0.057791	10.0	4110659.0	0.135856	N
4	IC 200-218864/6	4.243678	0.517851	10.0	3770138.0	0.122029	Y
5	ICIS 200-218864/7	9.99806	1.02661	10.0	3882955.0	0.102681	Y
6	IC 200-218864/10	15.003557	1.487184	10.0	3900108.0	0.099122	Y
7	IC 200-218864/11	19.99612	2.07701	10.0	3927021.0	0.103871	Y
8	IC 200-218864/12	39.99224	4.134449	10.0	3996588.0	0.103381	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

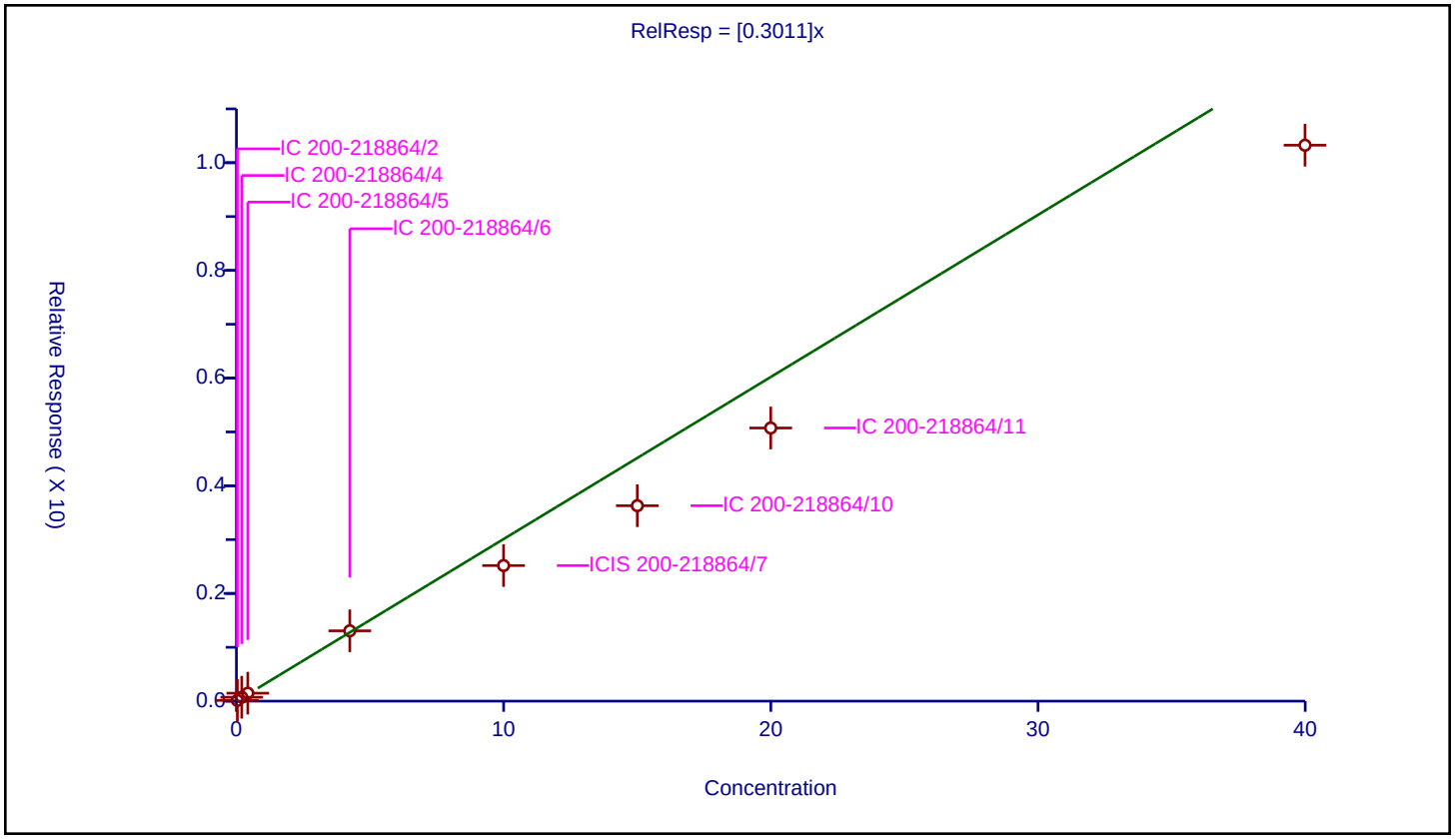
Curve Coefficients

Intercept:	0
Slope:	0.3011

Error Coefficients

Relative Standard Deviation:	19.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.013483	10.0	4098555.0	0.384874	Y
2	IC 200-218864/4	0.200181	0.072564	10.0	3948397.0	0.36249	Y
3	IC 200-218864/5	0.425385	0.147847	10.0	4110659.0	0.347561	Y
4	IC 200-218864/6	4.243678	1.306411	10.0	3770138.0	0.307849	Y
5	ICIS 200-218864/7	9.99806	2.518118	10.0	3882955.0	0.251861	Y
6	IC 200-218864/10	15.003557	3.629502	10.0	3900108.0	0.241909	Y
7	IC 200-218864/11	19.99612	5.073268	10.0	3927021.0	0.253713	Y
8	IC 200-218864/12	39.99224	10.325215	10.0	3996588.0	0.25818	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

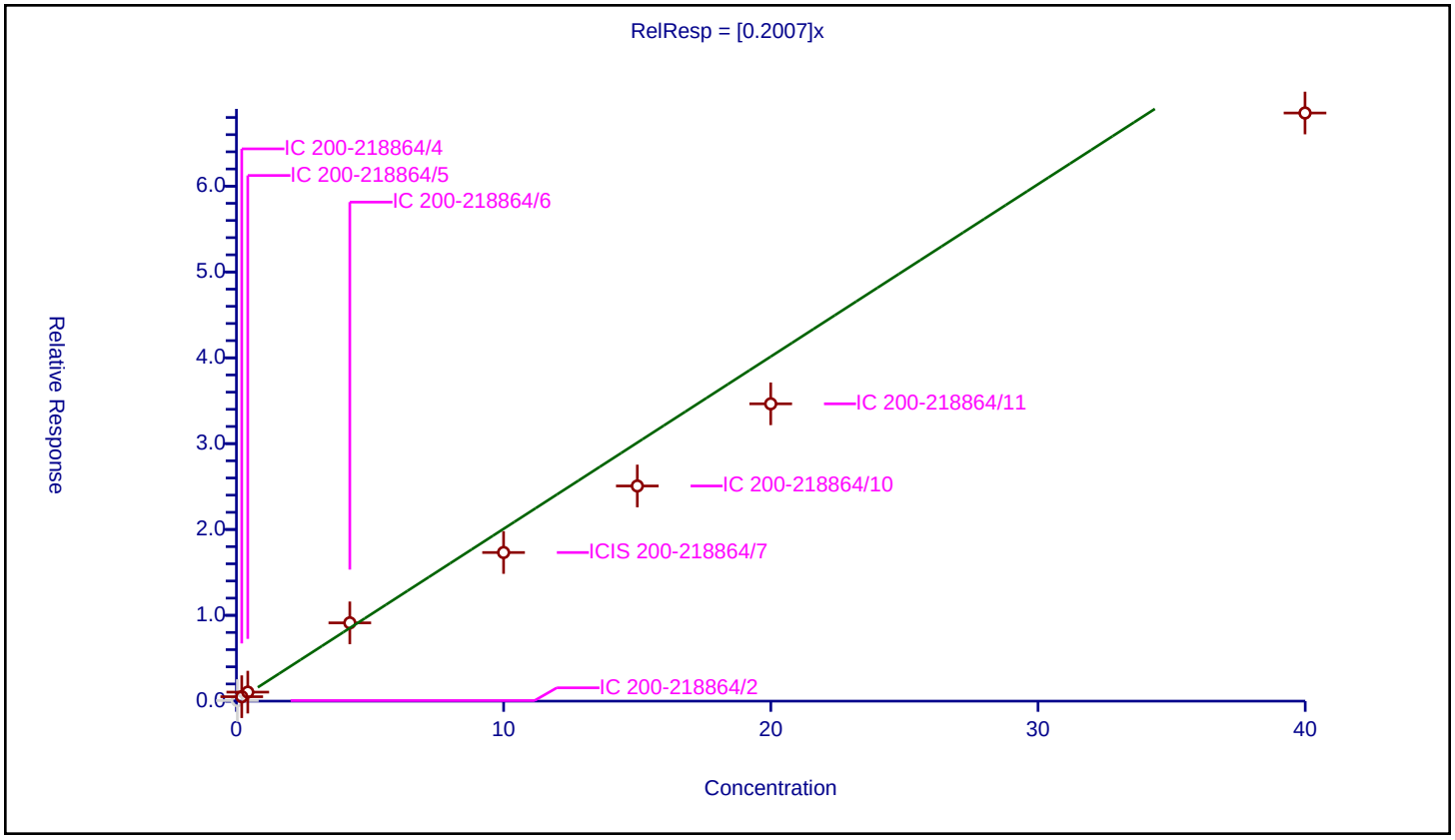
Curve Coefficients

Intercept:	0
Slope:	0.2007

Error Coefficients

Relative Standard Deviation:	19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.006656	10.0	4098555.0	0.19	N
2	IC 200-218864/4	0.200181	0.051727	10.0	3948397.0	0.258403	Y
3	IC 200-218864/5	0.425385	0.105054	10.0	4110659.0	0.246962	Y
4	IC 200-218864/6	4.243678	0.912014	10.0	3770138.0	0.214911	Y
5	ICIS 200-218864/7	9.99806	1.73174	10.0	3882955.0	0.173208	Y
6	IC 200-218864/10	15.003557	2.506879	10.0	3900108.0	0.167086	Y
7	IC 200-218864/11	19.99612	3.464058	10.0	3927021.0	0.173237	Y
8	IC 200-218864/12	39.99224	6.852065	10.0	3996588.0	0.171335	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

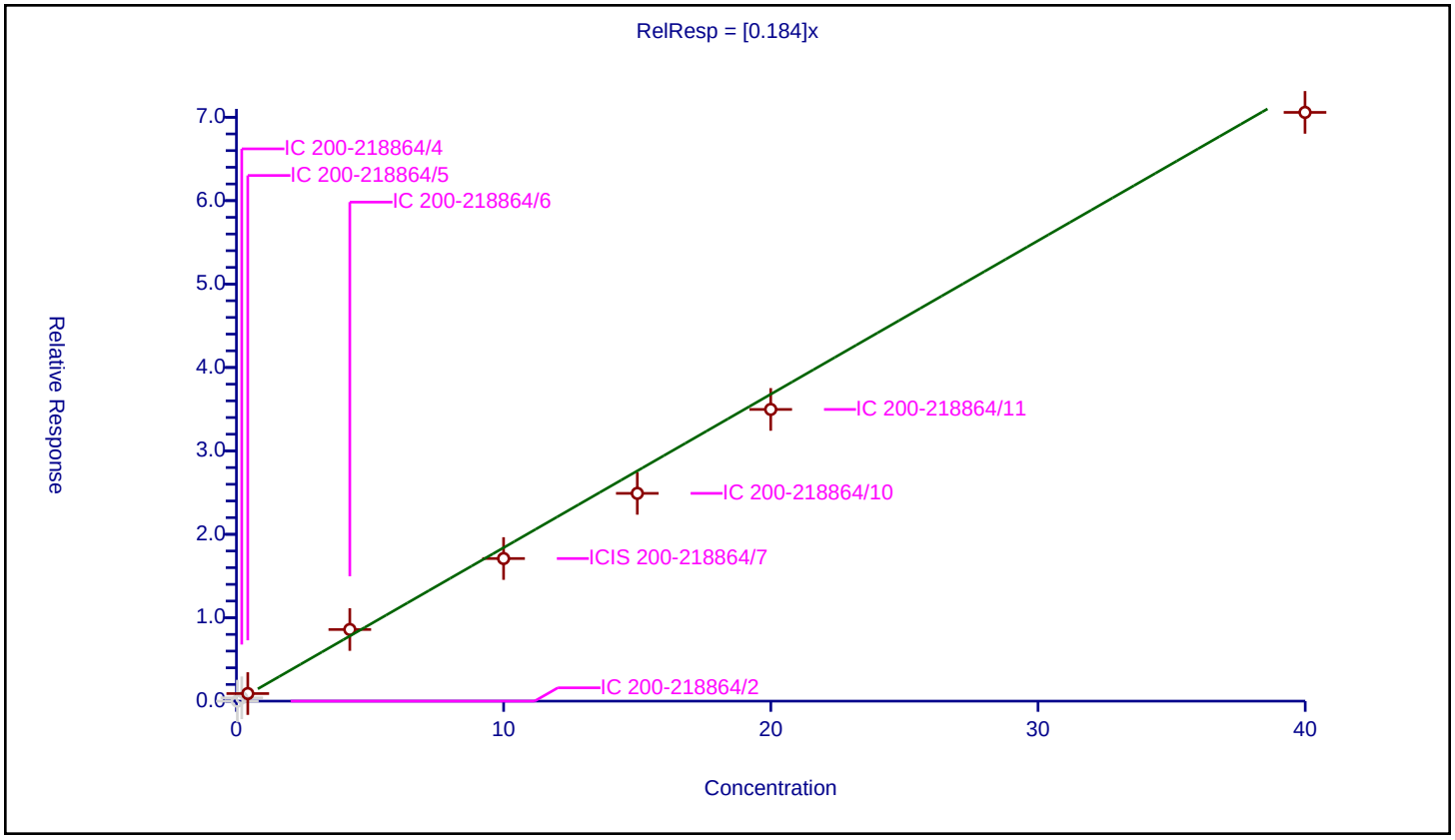
Curve Coefficients

Intercept:	0
Slope:	0.184

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.0	10.0	4098555.0	0.0	N
2	IC 200-218864/4	0.200181	0.040118	10.0	3948397.0	0.200406	N
3	IC 200-218864/5	0.425385	0.090686	10.0	4110659.0	0.213186	Y
4	IC 200-218864/6	4.243678	0.858751	10.0	3770138.0	0.20236	Y
5	ICIS 200-218864/7	9.99806	1.70961	10.0	3882955.0	0.170994	Y
6	IC 200-218864/10	15.003557	2.491067	10.0	3900108.0	0.166032	Y
7	IC 200-218864/11	19.99612	3.497002	10.0	3927021.0	0.174884	Y
8	IC 200-218864/12	39.99224	7.058066	10.0	3996588.0	0.176486	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

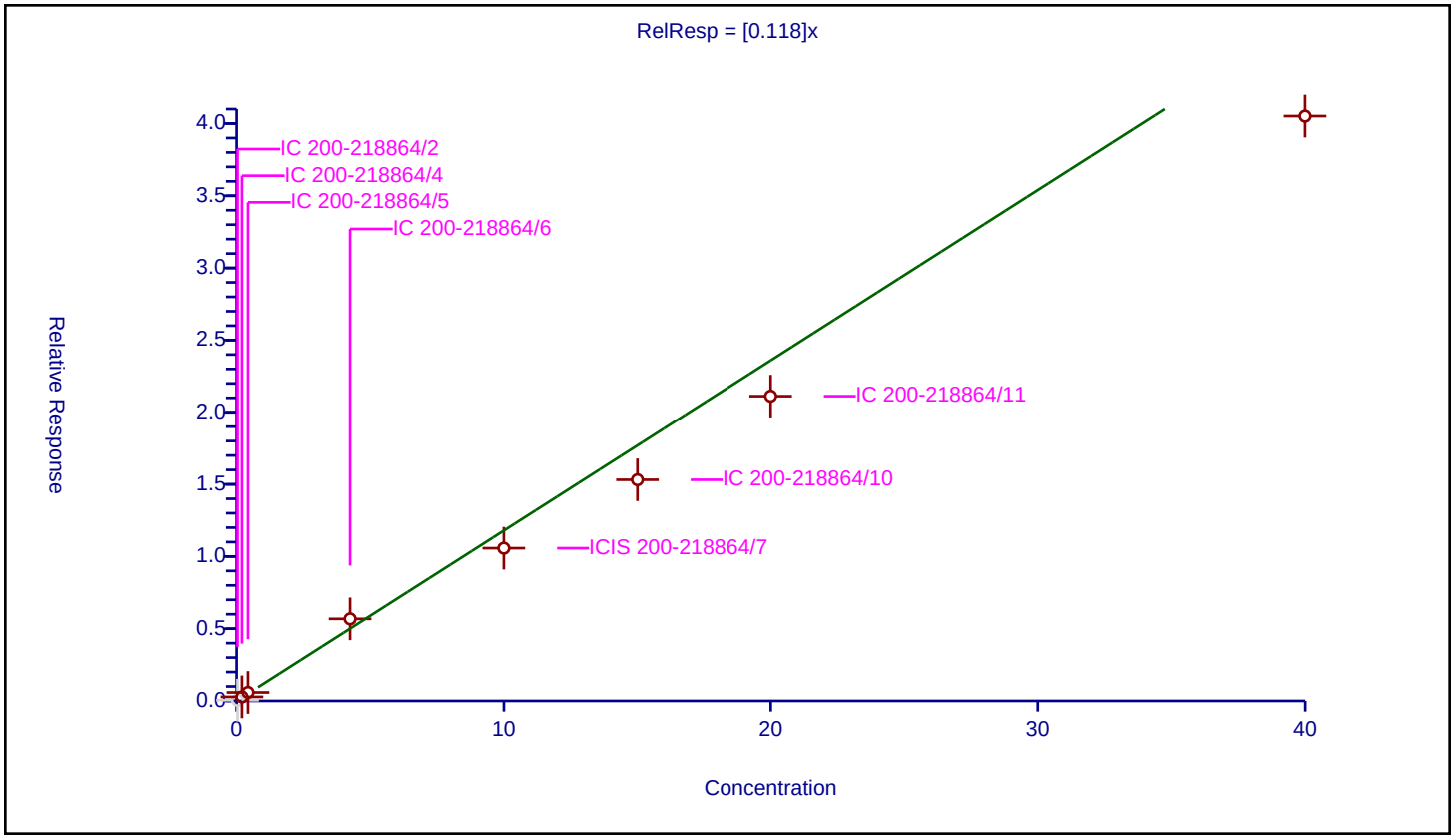
Curve Coefficients

Intercept:	0
Slope:	0.118

Error Coefficients

Relative Standard Deviation:	15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.005114	10.0	4098555.0	0.145982	N
2	IC 200-218864/4	0.200181	0.027938	10.0	3948397.0	0.139563	Y
3	IC 200-218864/5	0.425385	0.058526	10.0	4110659.0	0.137583	Y
4	IC 200-218864/6	4.243678	0.568242	10.0	3770138.0	0.133903	Y
5	ICIS 200-218864/7	9.99806	1.057609	10.0	3882955.0	0.105781	Y
6	IC 200-218864/10	15.003557	1.531832	10.0	3900108.0	0.102098	Y
7	IC 200-218864/11	19.99612	2.111687	10.0	3927021.0	0.105605	Y
8	IC 200-218864/12	39.99224	4.051599	10.0	3996588.0	0.10131	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

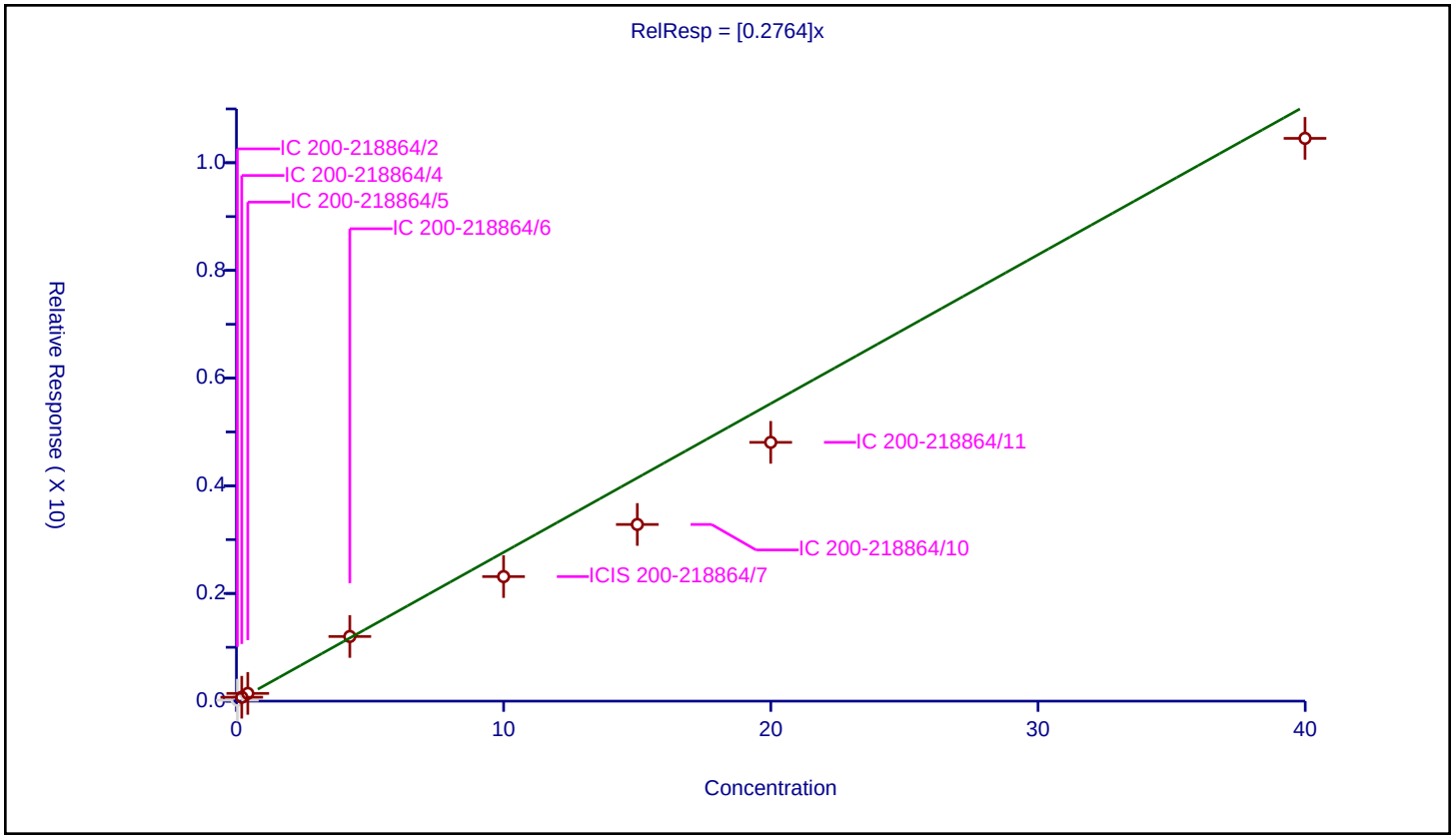
Curve Coefficients

Intercept:	0
Slope:	0.2764

Error Coefficients

Relative Standard Deviation:	19.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.017438	10.0	4098555.0	0.497774	N
2	IC 200-218864/4	0.200181	0.072531	10.0	3948397.0	0.362326	Y
3	IC 200-218864/5	0.425385	0.143561	10.0	4110659.0	0.337485	Y
4	IC 200-218864/6	4.243678	1.200704	10.0	3770138.0	0.282939	Y
5	ICIS 200-218864/7	9.99806	2.31313	10.0	3882955.0	0.231358	Y
6	IC 200-218864/10	15.003557	3.281383	10.0	3900108.0	0.218707	Y
7	IC 200-218864/11	19.99612	4.806638	10.0	3927021.0	0.240379	Y
8	IC 200-218864/12	39.99224	10.452881	10.0	3996588.0	0.261373	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

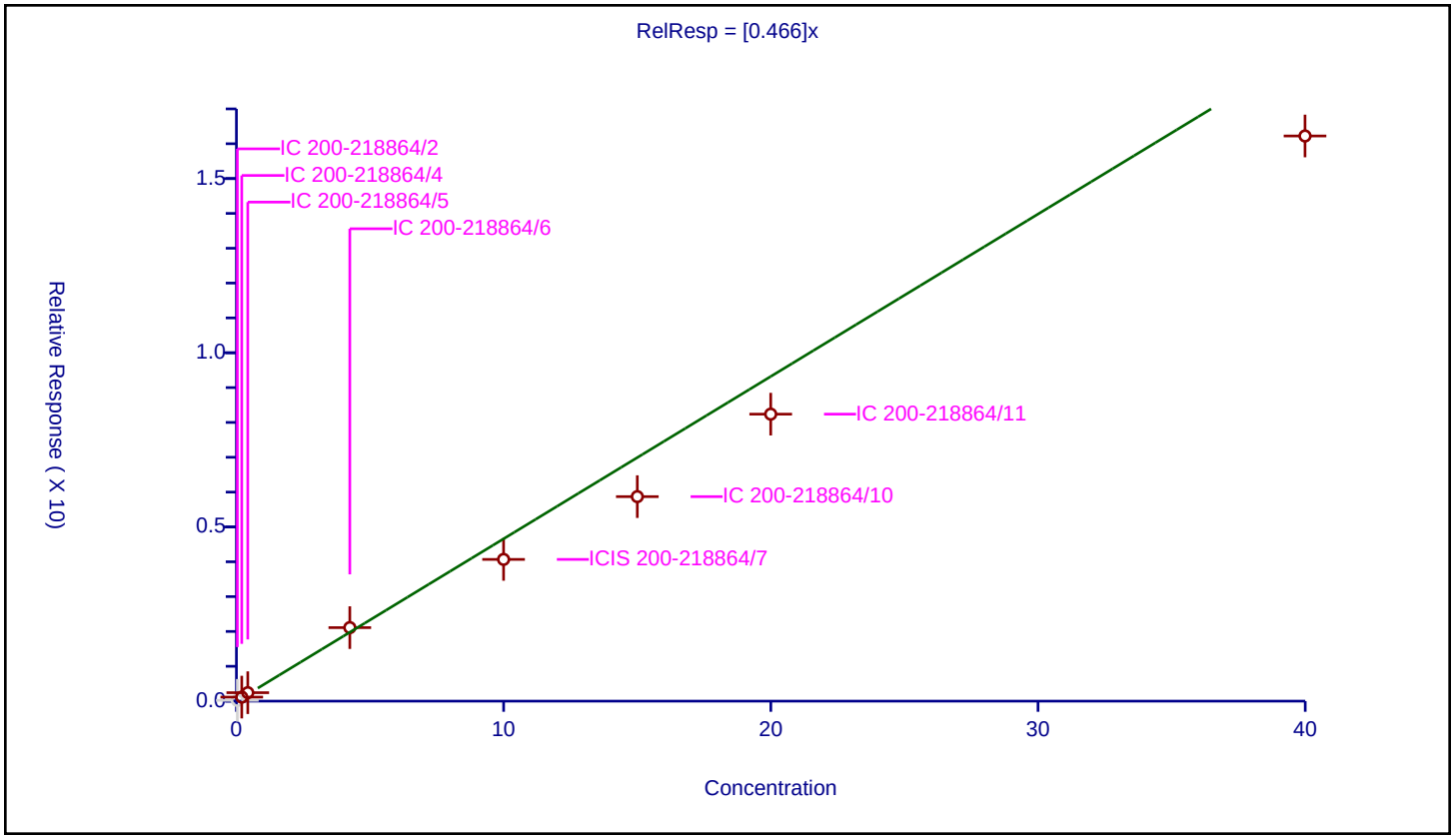
Curve Coefficients

Intercept:	0
Slope:	0.466

Error Coefficients

Relative Standard Deviation:	17.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.022374	10.0	4098555.0	0.638672	N
2	IC 200-218864/4	0.200181	0.115738	10.0	3948397.0	0.578167	Y
3	IC 200-218864/5	0.425385	0.242815	10.0	4110659.0	0.570813	Y
4	IC 200-218864/6	4.243678	2.110779	10.0	3770138.0	0.497394	Y
5	ICIS 200-218864/7	9.99806	4.067979	10.0	3882955.0	0.406877	Y
6	IC 200-218864/10	15.003557	5.870548	10.0	3900108.0	0.391277	Y
7	IC 200-218864/11	19.99612	8.238138	10.0	3927021.0	0.411987	Y
8	IC 200-218864/12	39.99224	16.222505	10.0	3996588.0	0.405641	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

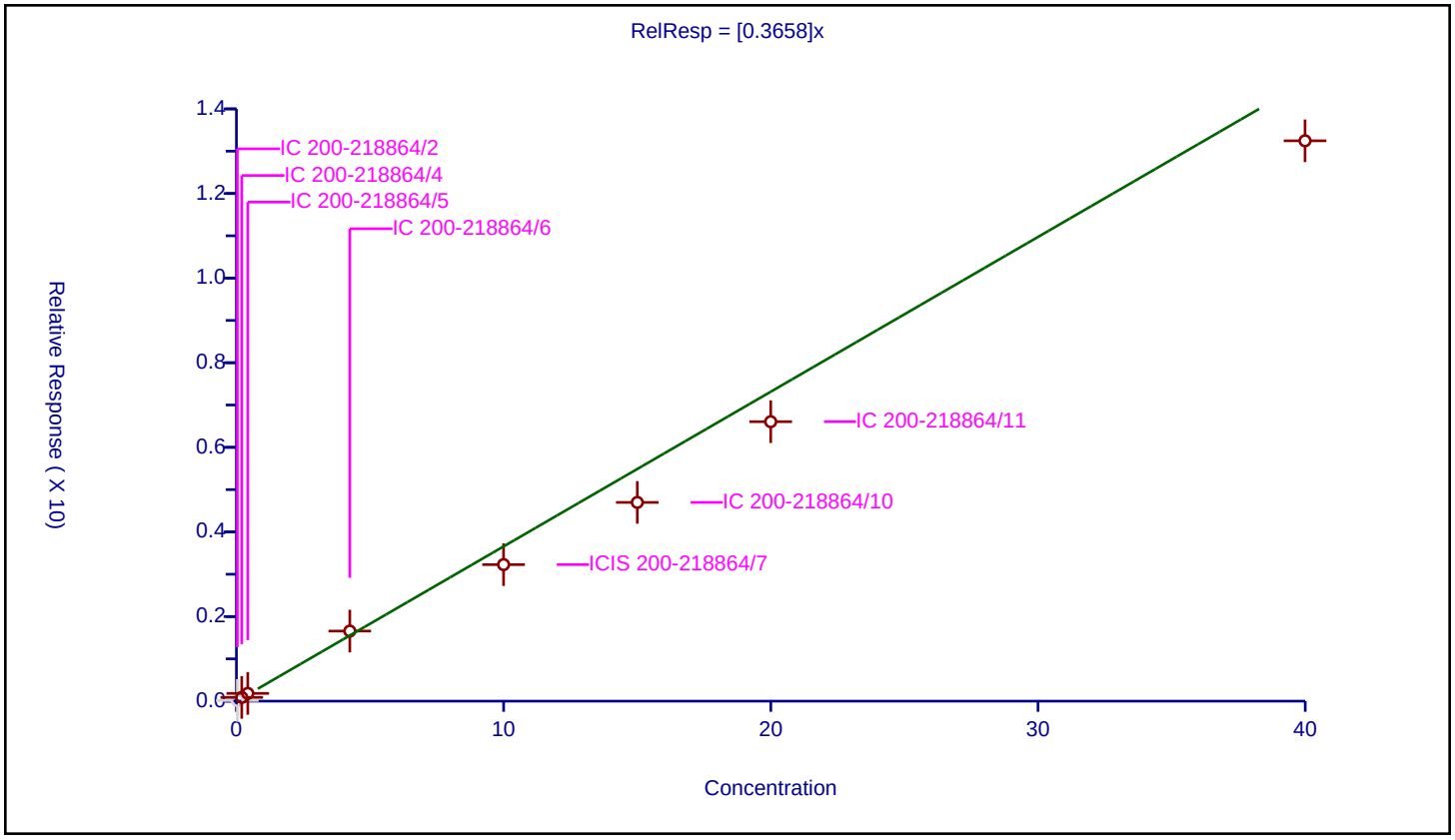
Curve Coefficients

Intercept:	0
Slope:	0.3658

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.015147	10.0	4098555.0	0.432374	N
2	IC 200-218864/4	0.200181	0.088426	10.0	3948397.0	0.441729	Y
3	IC 200-218864/5	0.425385	0.183182	10.0	4110659.0	0.430627	Y
4	IC 200-218864/6	4.243678	1.657075	10.0	3770138.0	0.390481	Y
5	ICIS 200-218864/7	9.99806	3.227707	10.0	3882955.0	0.322833	Y
6	IC 200-218864/10	15.003557	4.697978	10.0	3900108.0	0.313124	Y
7	IC 200-218864/11	19.99612	6.605888	10.0	3927021.0	0.330358	Y
8	IC 200-218864/12	39.99224	13.245814	10.0	3996588.0	0.33121	Y



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Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

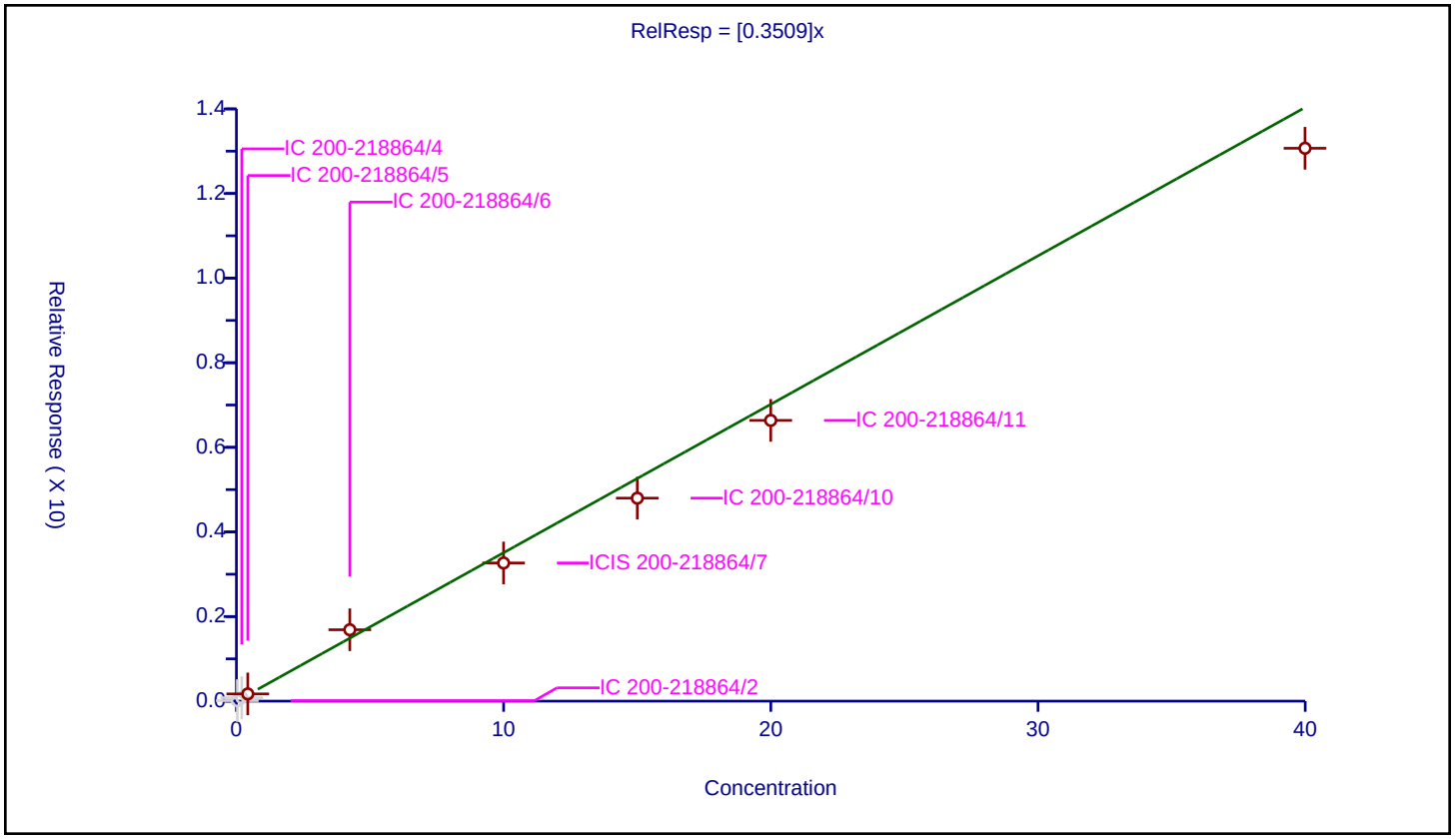
Curve Coefficients

Intercept:	0
Slope:	0.3509

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.011487	10.0	4098555.0	0.327902	N
2	IC 200-218864/4	0.200181	0.081491	10.0	3948397.0	0.407088	N
3	IC 200-218864/5	0.425385	0.171167	10.0	4110659.0	0.402382	Y
4	IC 200-218864/6	4.243678	1.687811	10.0	3770138.0	0.397724	Y
5	ICIS 200-218864/7	9.99806	3.265858	10.0	3882955.0	0.326649	Y
6	IC 200-218864/10	15.003557	4.798562	10.0	3900108.0	0.319828	Y
7	IC 200-218864/11	19.99612	6.63641	10.0	3927021.0	0.331885	Y
8	IC 200-218864/12	39.99224	13.069301	10.0	3996588.0	0.326796	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

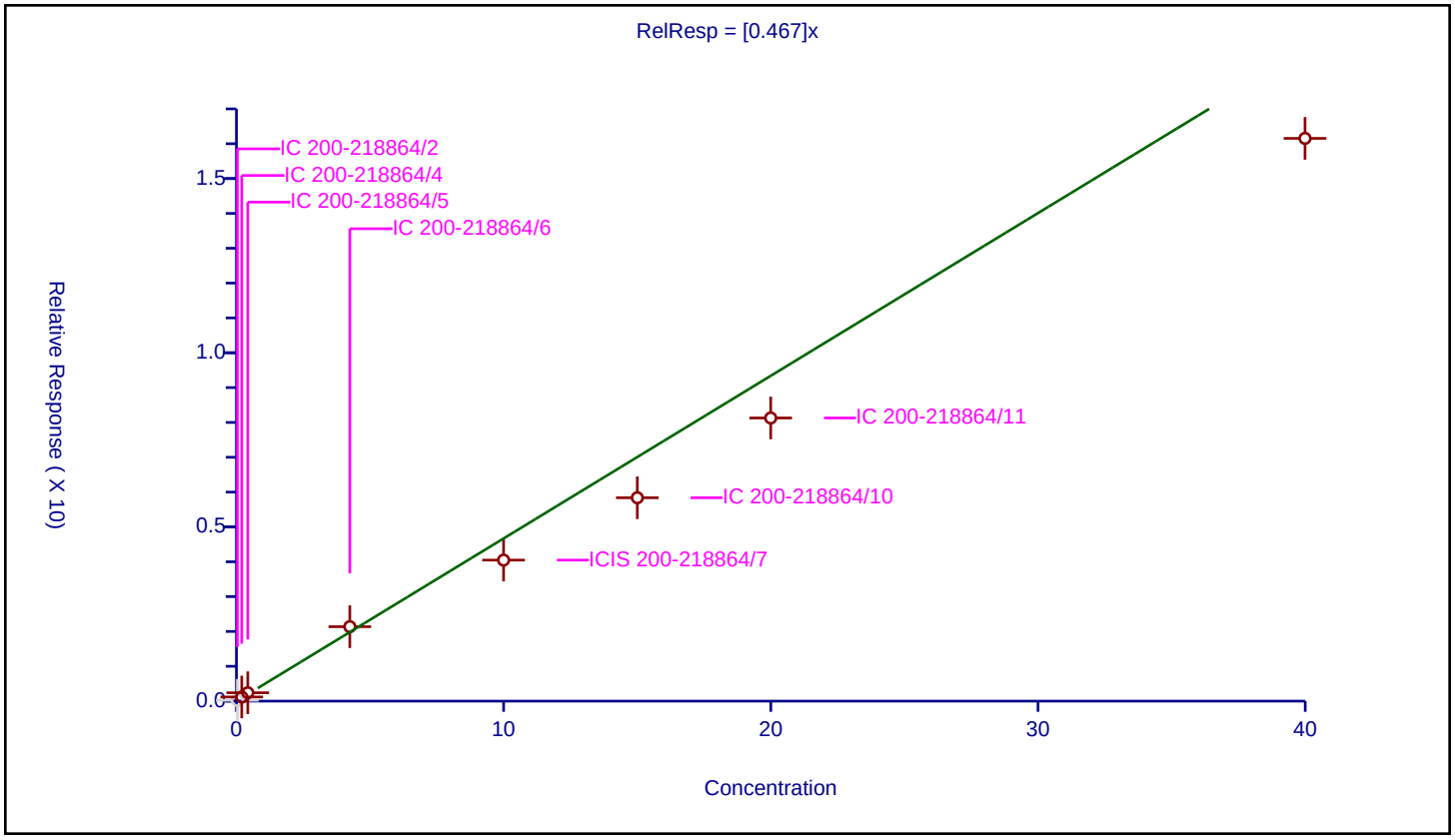
Curve Coefficients

Intercept:	0
Slope:	0.467

Error Coefficients

Relative Standard Deviation:	18.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.024201	10.0	3662619.0	0.690839	N
2	IC 200-218864/4	0.200181	0.119312	10.0	3538525.0	0.596023	Y
3	IC 200-218864/5	0.425385	0.240243	10.0	3711820.0	0.564767	Y
4	IC 200-218864/6	4.243678	2.137159	10.0	3453510.0	0.50361	Y
5	ICIS 200-218864/7	9.99806	4.048556	10.0	3581729.0	0.404934	Y
6	IC 200-218864/10	15.003557	5.838023	10.0	3616803.0	0.389109	Y
7	IC 200-218864/11	19.99612	8.128157	10.0	3649281.0	0.406487	Y
8	IC 200-218864/12	39.99224	16.153935	10.0	3741148.0	0.403927	Y



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Calibration / n-Octane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

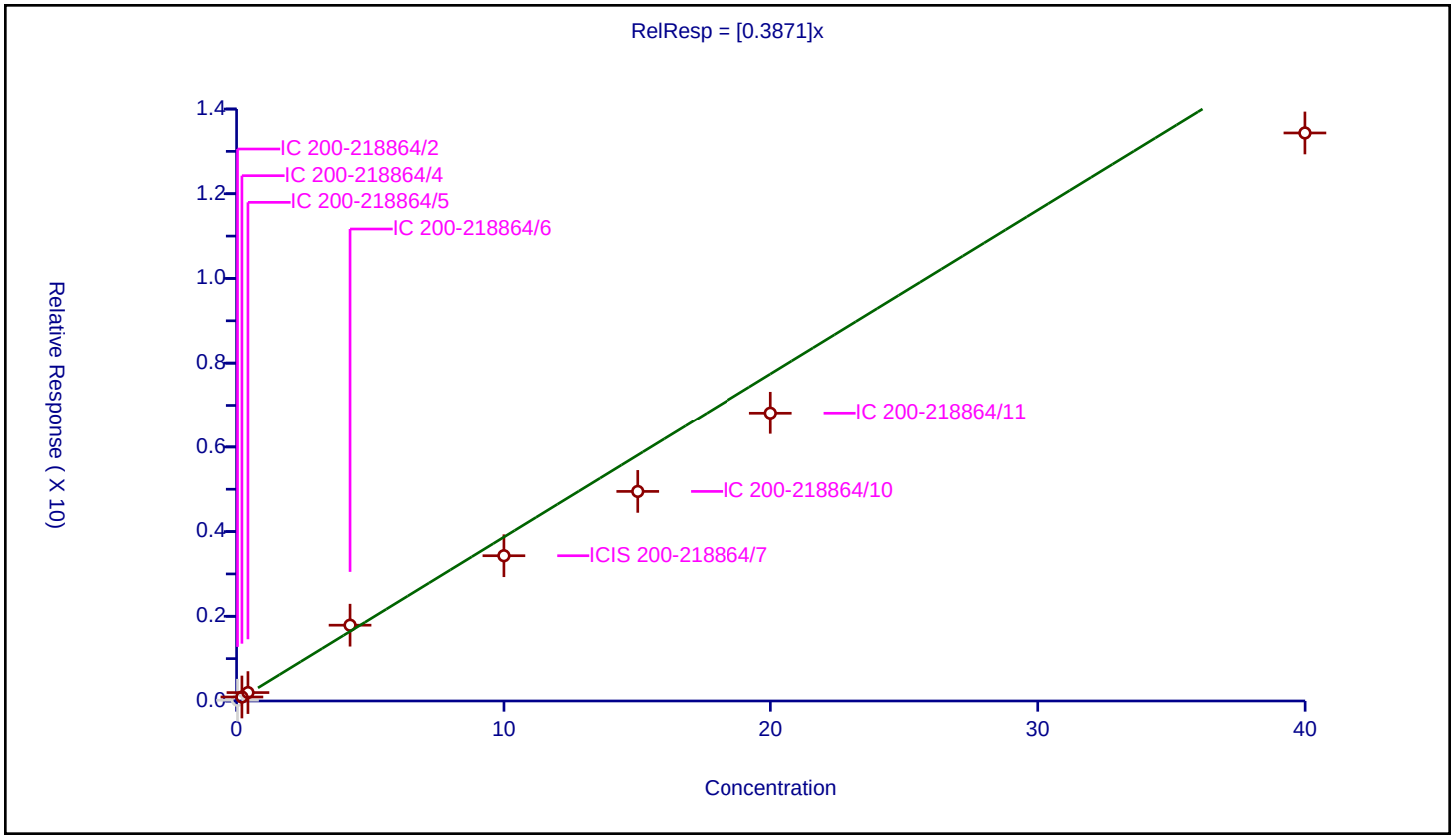
Curve Coefficients

Intercept:	0
Slope:	0.3871

Error Coefficients

Relative Standard Deviation:	16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.017938	10.0	4098555.0	0.512052	N
2	IC 200-218864/4	0.200181	0.094367	10.0	3948397.0	0.47141	Y
3	IC 200-218864/5	0.425385	0.198742	10.0	4110659.0	0.467205	Y
4	IC 200-218864/6	4.243678	1.789314	10.0	3770138.0	0.421642	Y
5	ICIS 200-218864/7	9.99806	3.429473	10.0	3882955.0	0.343014	Y
6	IC 200-218864/10	15.003557	4.948022	10.0	3900108.0	0.32979	Y
7	IC 200-218864/11	19.99612	6.816511	10.0	3927021.0	0.340892	Y
8	IC 200-218864/12	39.99224	13.434309	10.0	3996588.0	0.335923	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

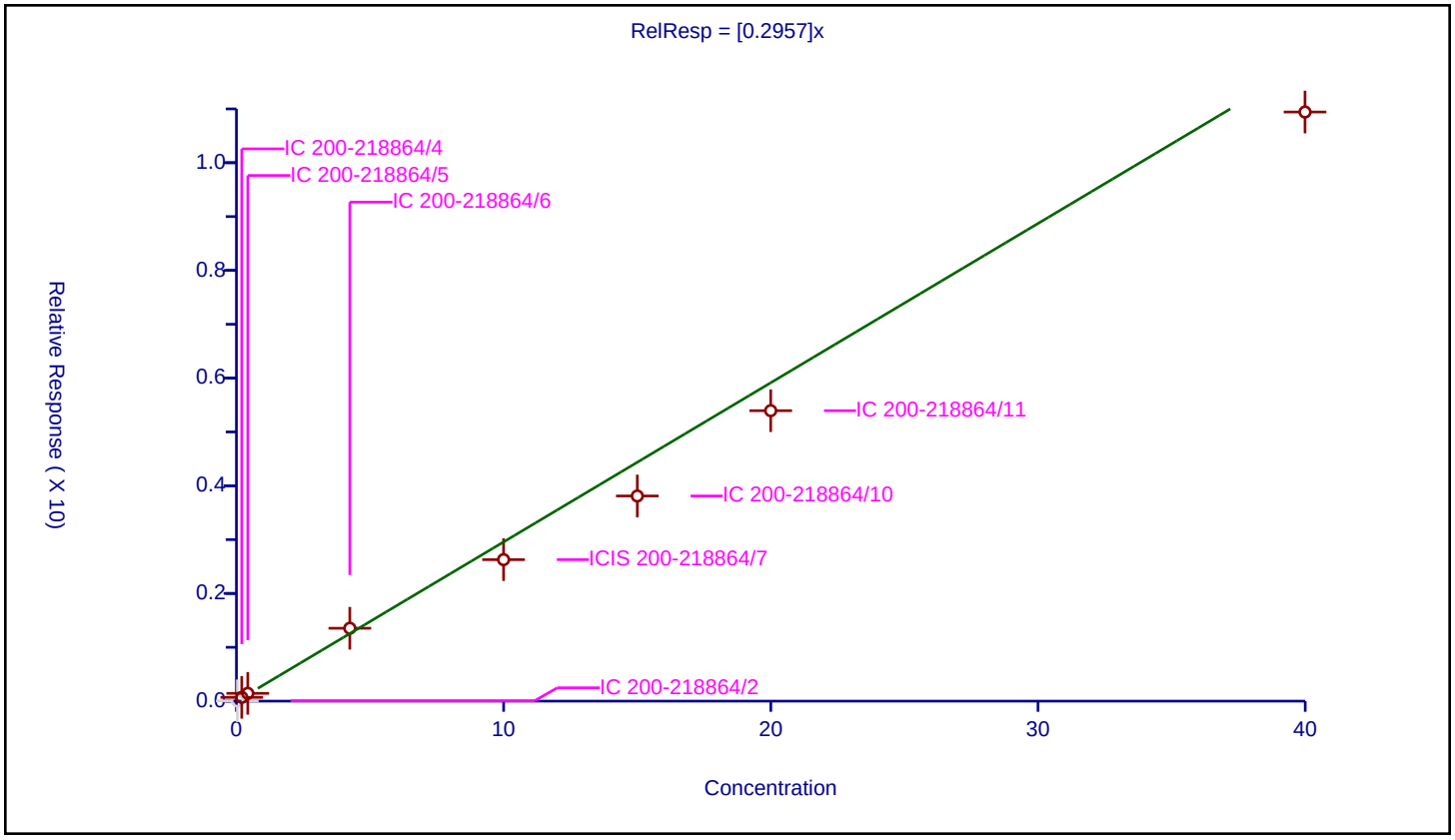
Curve Coefficients

Intercept:	0
Slope:	0.2957

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.005548	10.0	4098555.0	0.158379	N
2	IC 200-218864/4	0.200181	0.070196	10.0	3948397.0	0.35066	Y
3	IC 200-218864/5	0.425385	0.144733	10.0	4110659.0	0.340241	Y
4	IC 200-218864/6	4.243678	1.35346	10.0	3770138.0	0.318936	Y
5	ICIS 200-218864/7	9.99806	2.628076	10.0	3882955.0	0.262859	Y
6	IC 200-218864/10	15.003557	3.810482	10.0	3900108.0	0.253972	Y
7	IC 200-218864/11	19.99612	5.394942	10.0	3927021.0	0.269799	Y
8	IC 200-218864/12	39.99224	10.942001	10.0	3996588.0	0.273603	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

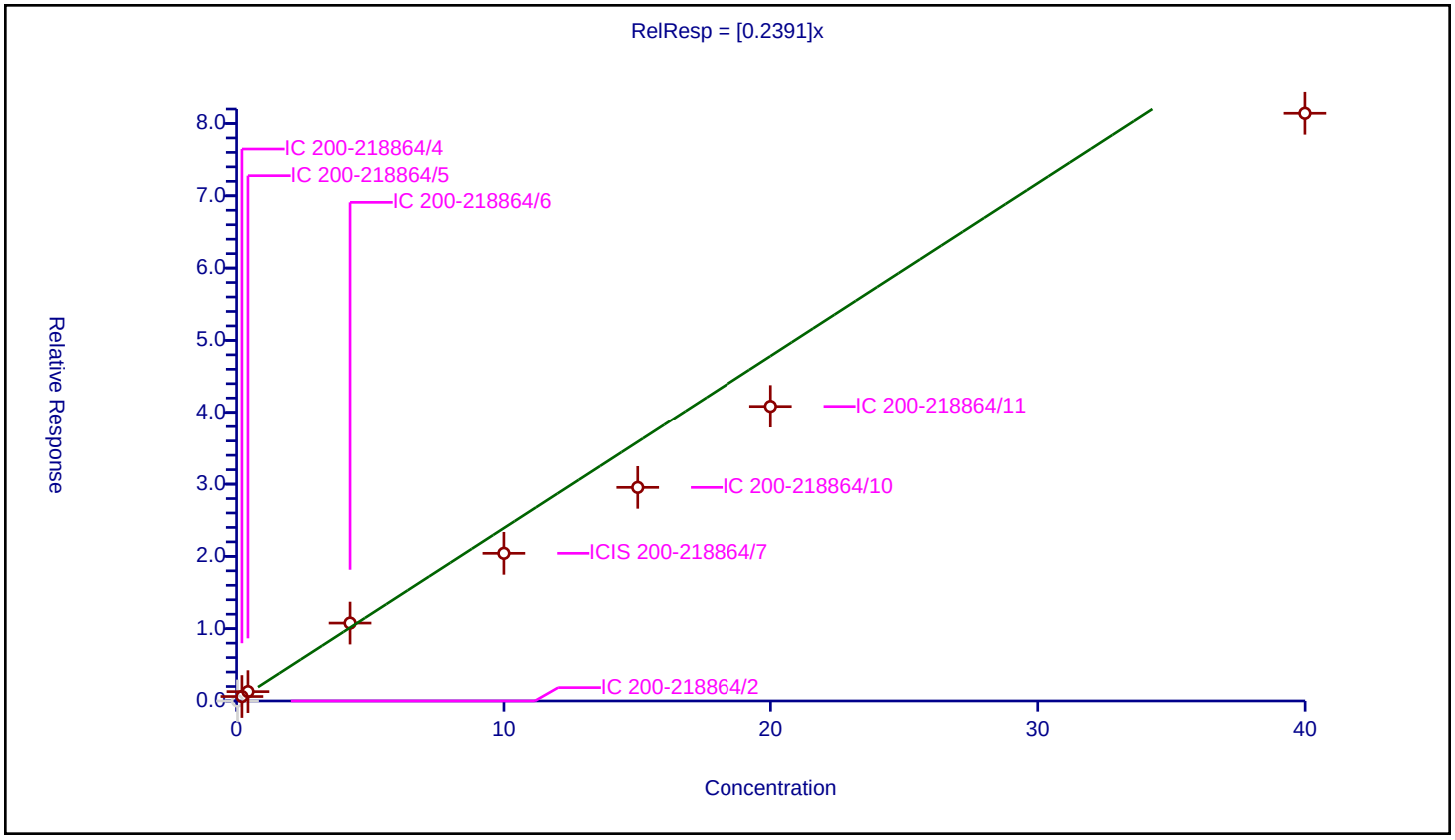
Curve Coefficients

Intercept:	0
Slope:	0.2391

Error Coefficients

Relative Standard Deviation:	20.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.0	10.0	3662619.0	0.0	N
2	IC 200-218864/4	0.200181	0.061466	10.0	3538525.0	0.307054	Y
3	IC 200-218864/5	0.425385	0.12929	10.0	3711820.0	0.303936	Y
4	IC 200-218864/6	4.243678	1.077759	10.0	3453510.0	0.253968	Y
5	ICIS 200-218864/7	9.99806	2.041866	10.0	3581729.0	0.204226	Y
6	IC 200-218864/10	15.003557	2.954681	10.0	3616803.0	0.196932	Y
7	IC 200-218864/11	19.99612	4.083593	10.0	3649281.0	0.204219	Y
8	IC 200-218864/12	39.99224	8.141514	10.0	3741148.0	0.203577	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

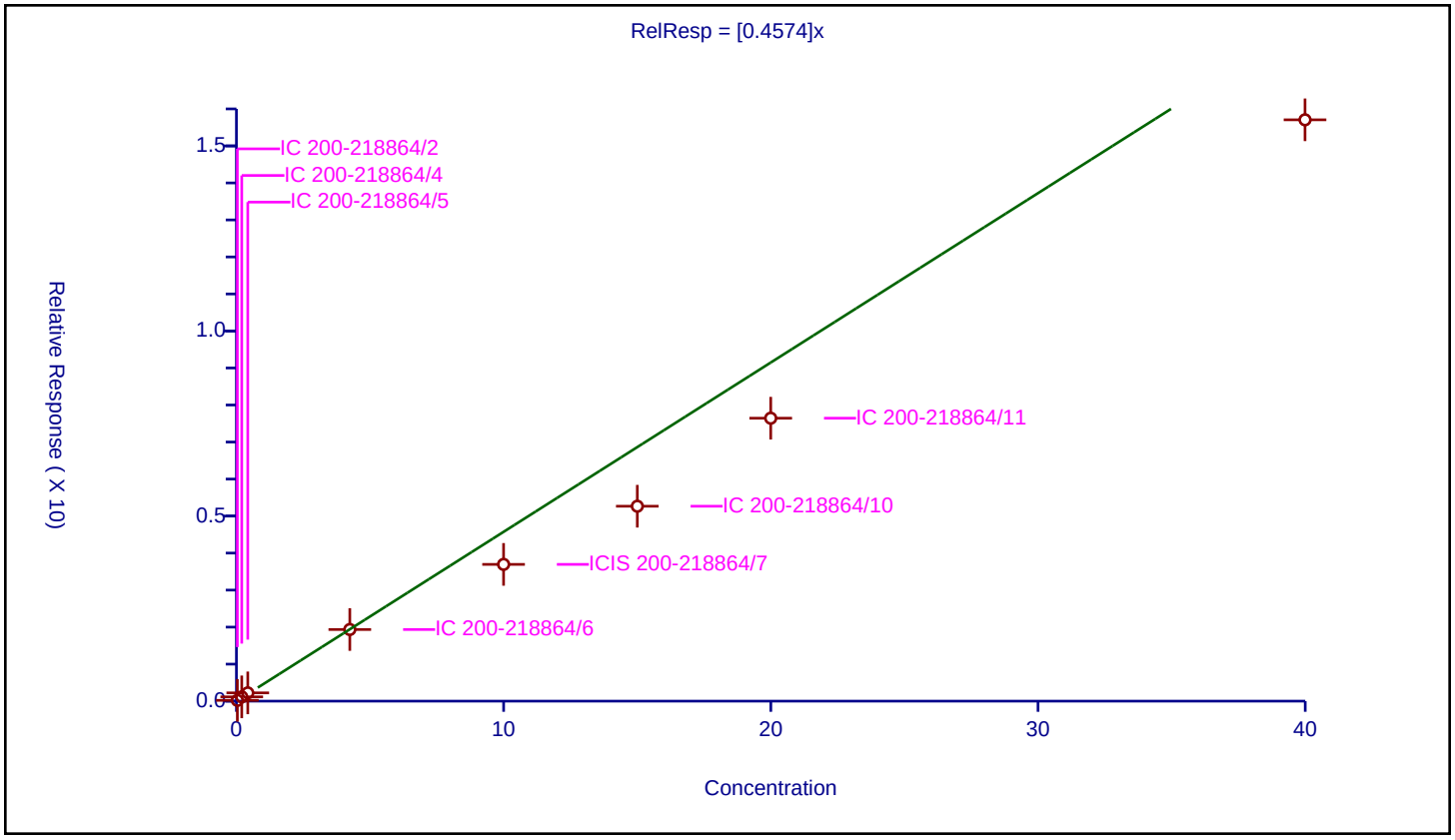
Curve Coefficients

Intercept:	0
Slope:	0.4574

Error Coefficients

Relative Standard Deviation:	21.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.021296	10.0	3662619.0	0.607914	Y
2	IC 200-218864/4	0.200181	0.115147	10.0	3538525.0	0.575214	Y
3	IC 200-218864/5	0.425385	0.223297	10.0	3711820.0	0.524931	Y
4	IC 200-218864/6	4.243678	1.934887	10.0	3453510.0	0.455946	Y
5	ICIS 200-218864/7	9.99806	3.694503	10.0	3581729.0	0.369522	Y
6	IC 200-218864/10	15.003557	5.265985	10.0	3616803.0	0.350982	Y
7	IC 200-218864/11	19.99612	7.643928	10.0	3649281.0	0.382271	Y
8	IC 200-218864/12	39.99224	15.704663	10.0	3741148.0	0.392693	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

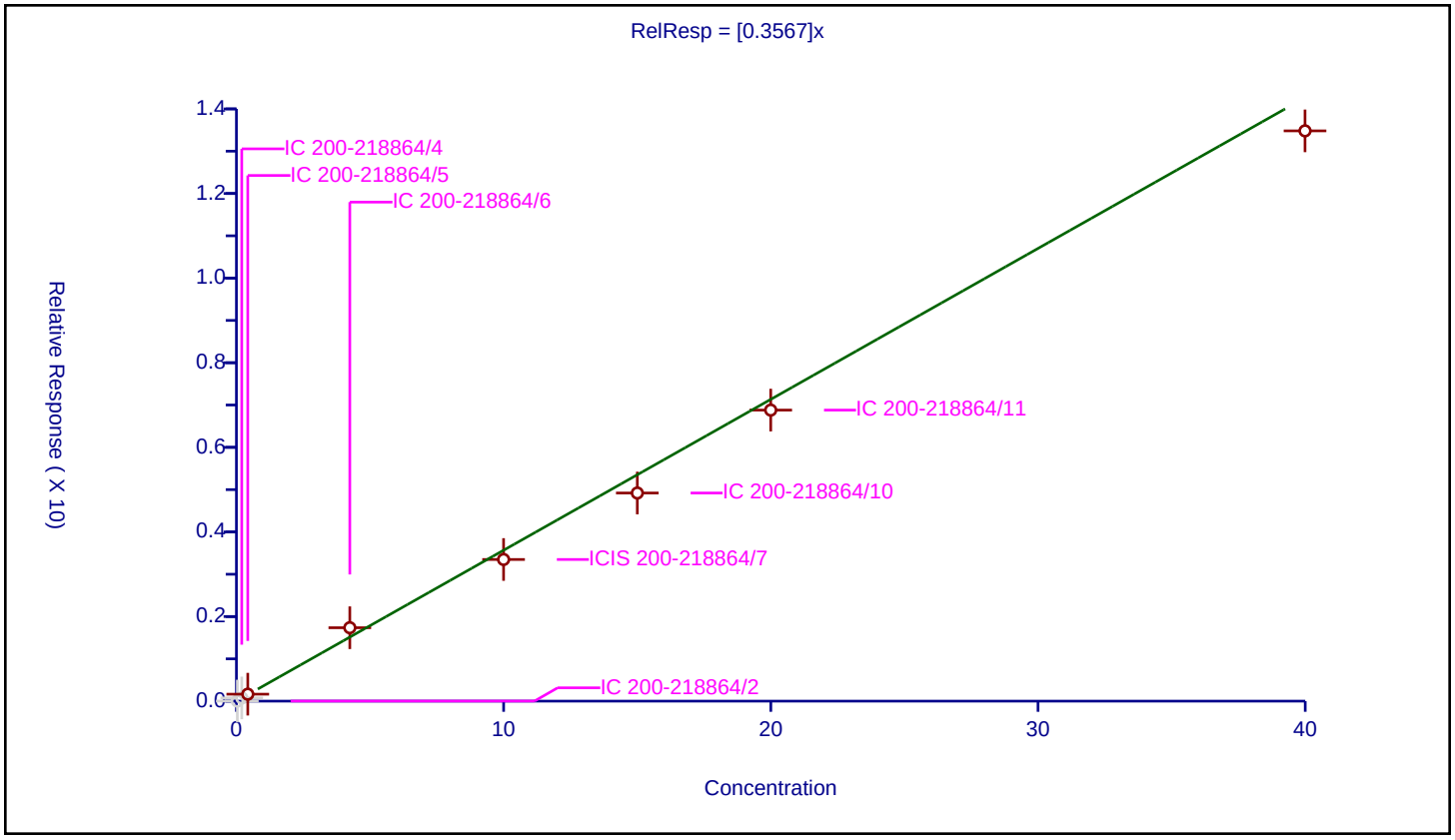
Curve Coefficients

Intercept:	0
Slope:	0.3567

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.002012	10.0	3662619.0	0.05744	N
2	IC 200-218864/4	0.200181	0.075752	10.0	3538525.0	0.378417	N
3	IC 200-218864/5	0.425385	0.164747	10.0	3711820.0	0.387289	Y
4	IC 200-218864/6	4.243678	1.735741	10.0	3453510.0	0.409018	Y
5	ICIS 200-218864/7	9.99806	3.34833	10.0	3581729.0	0.334898	Y
6	IC 200-218864/10	15.003557	4.920041	10.0	3616803.0	0.327925	Y
7	IC 200-218864/11	19.99612	6.879736	10.0	3649281.0	0.344054	Y
8	IC 200-218864/12	39.99224	13.480787	10.0	3741148.0	0.337085	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

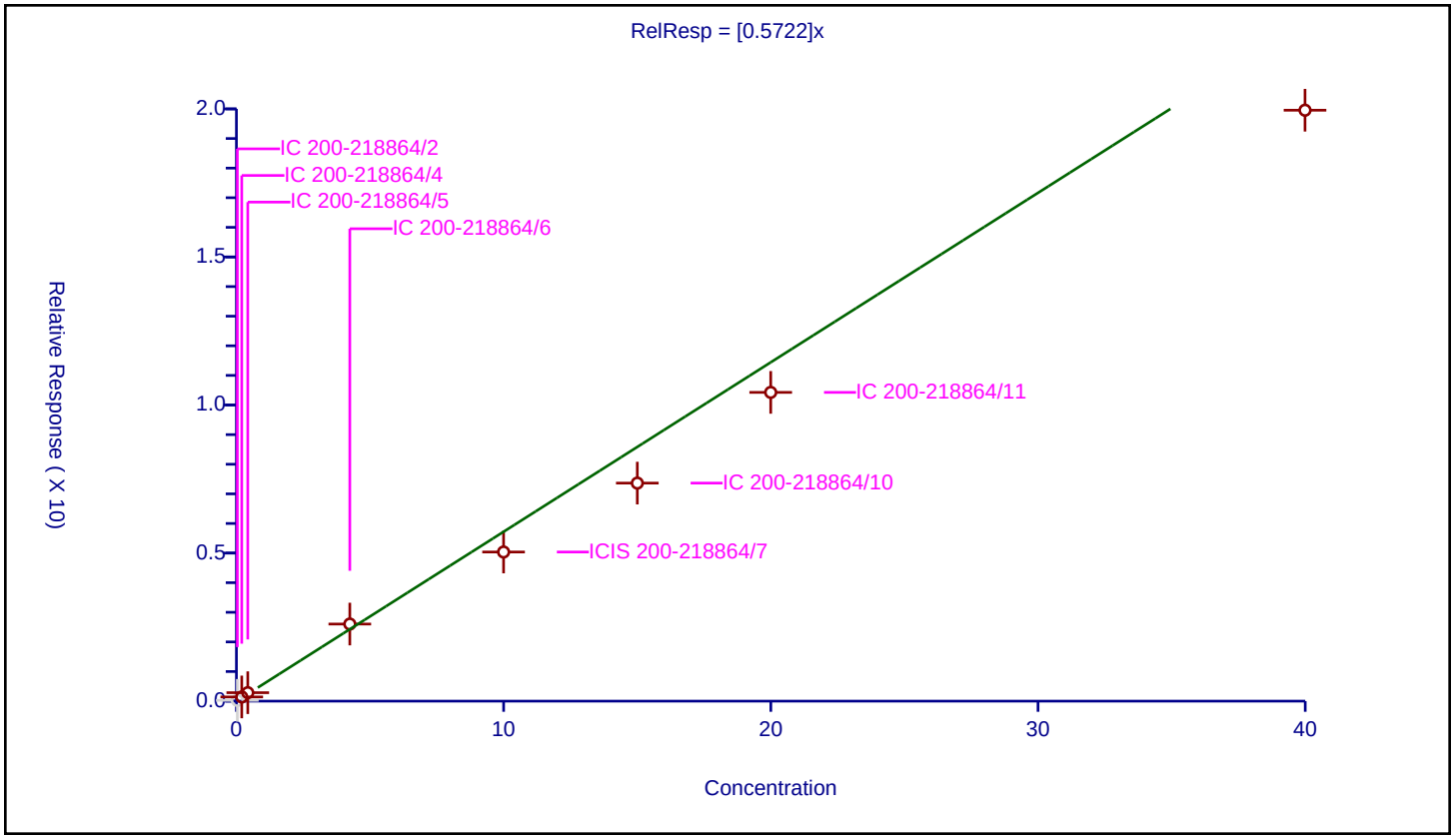
Curve Coefficients

Intercept:	0
Slope:	0.5722

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.026451	10.0	3662619.0	0.75506	N
2	IC 200-218864/4	0.200181	0.141288	10.0	3538525.0	0.7058	Y
3	IC 200-218864/5	0.425385	0.285402	10.0	3711820.0	0.670926	Y
4	IC 200-218864/6	4.243678	2.603514	10.0	3453510.0	0.613504	Y
5	ICIS 200-218864/7	9.99806	5.036445	10.0	3581729.0	0.503742	Y
6	IC 200-218864/10	15.003557	7.363099	10.0	3616803.0	0.490757	Y
7	IC 200-218864/11	19.99612	10.426122	10.0	3649281.0	0.521407	Y
8	IC 200-218864/12	39.99224	19.955166	10.0	3741148.0	0.498976	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

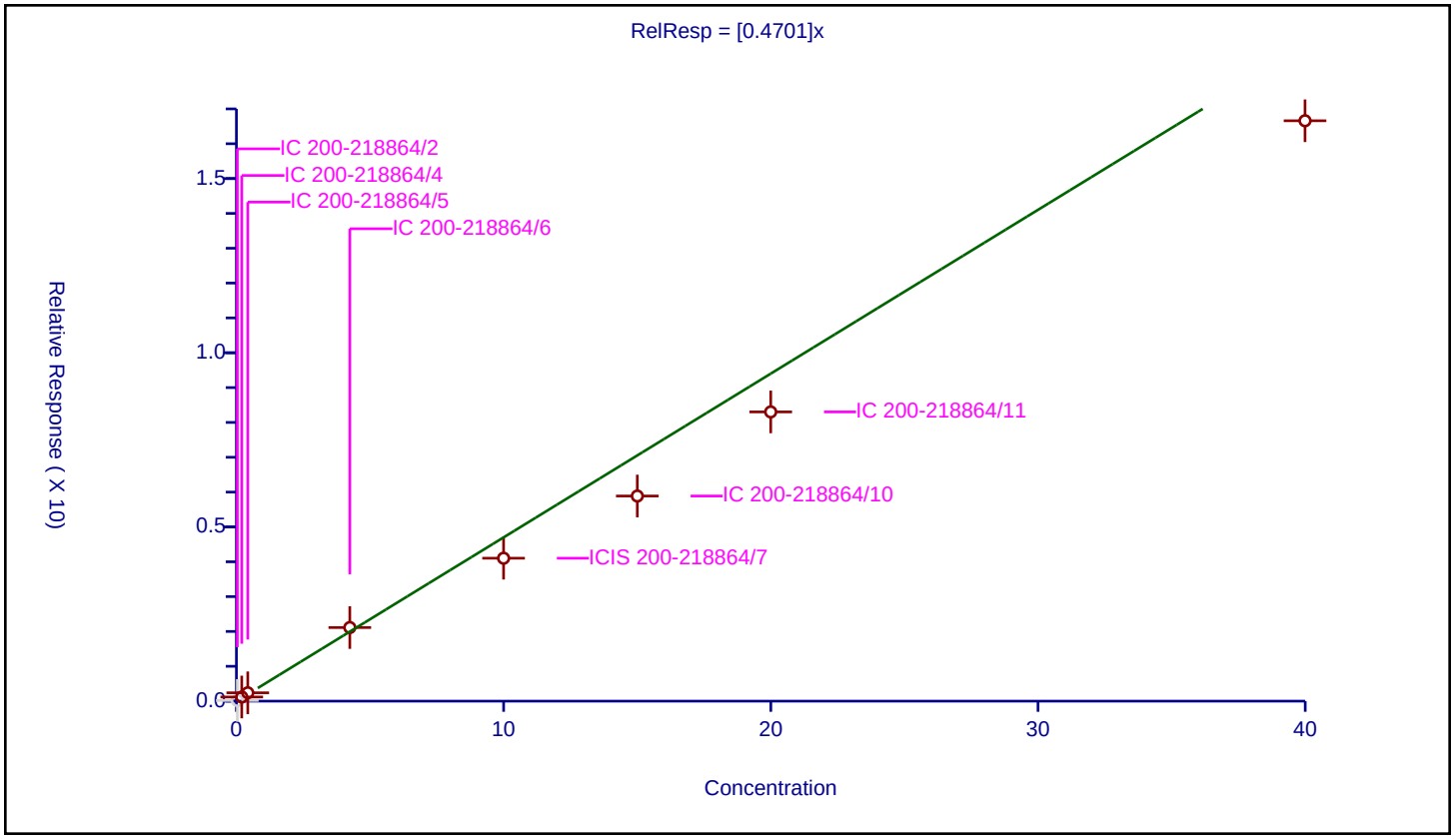
Curve Coefficients

Intercept:	0
Slope:	0.4701

Error Coefficients

Relative Standard Deviation:	17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.019819	10.0	3662619.0	0.565749	N
2	IC 200-218864/4	0.200181	0.119058	10.0	3538525.0	0.594752	Y
3	IC 200-218864/5	0.425385	0.239715	10.0	3711820.0	0.563526	Y
4	IC 200-218864/6	4.243678	2.112593	10.0	3453510.0	0.497821	Y
5	ICIS 200-218864/7	9.99806	4.102614	10.0	3581729.0	0.410341	Y
6	IC 200-218864/10	15.003557	5.887559	10.0	3616803.0	0.392411	Y
7	IC 200-218864/11	19.99612	8.302375	10.0	3649281.0	0.415199	Y
8	IC 200-218864/12	39.99224	16.659148	10.0	3741148.0	0.41656	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

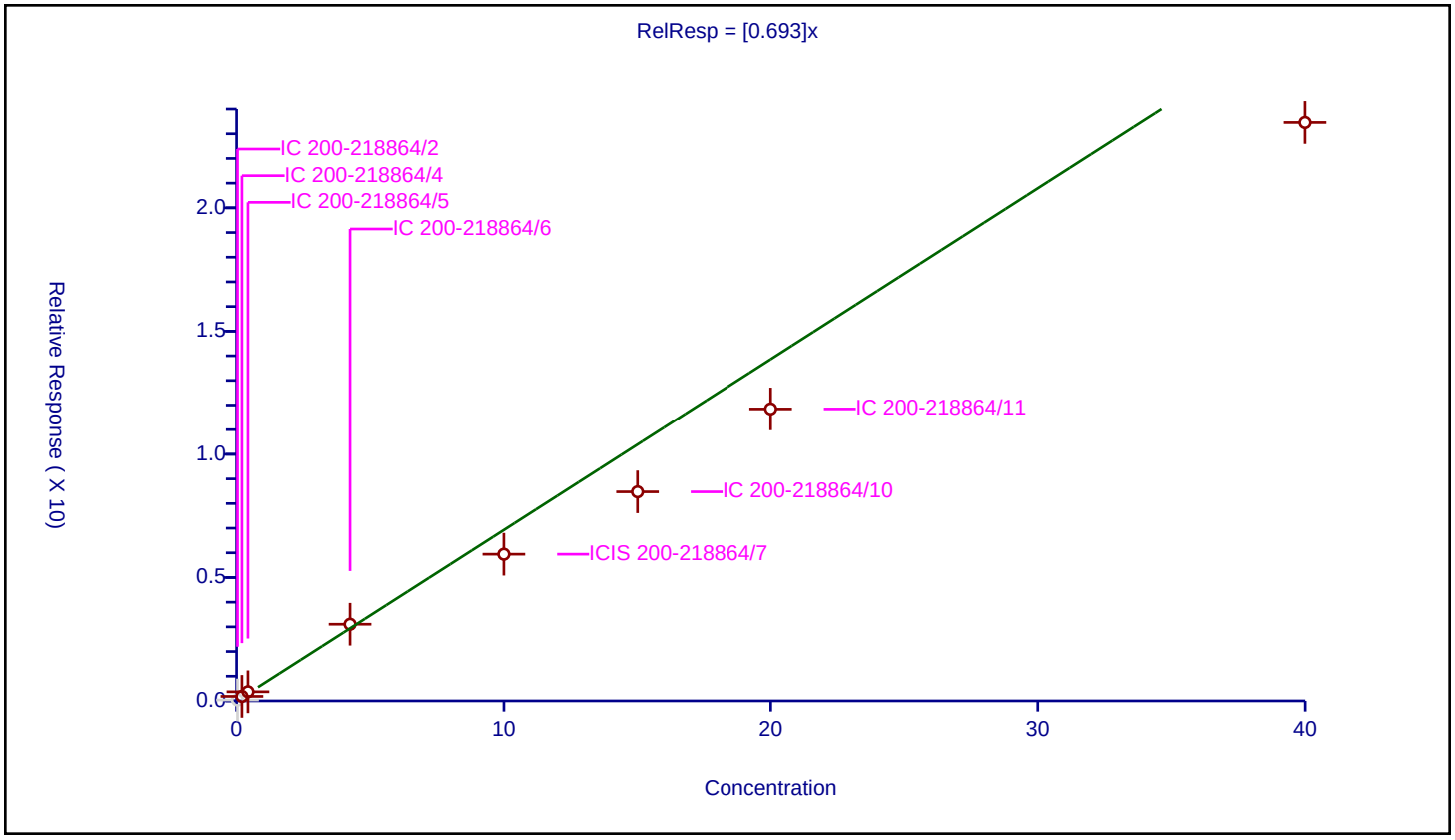
Curve Coefficients

Intercept:	0
Slope:	0.693

Error Coefficients

Relative Standard Deviation:	21.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.036302	10.0	3662619.0	1.036259	N
2	IC 200-218864/4	0.200181	0.182686	10.0	3538525.0	0.912605	Y
3	IC 200-218864/5	0.425385	0.369323	10.0	3711820.0	0.868209	Y
4	IC 200-218864/6	4.243678	3.106327	10.0	3453510.0	0.731989	Y
5	ICIS 200-218864/7	9.99806	5.94452	10.0	3581729.0	0.594567	Y
6	IC 200-218864/10	15.003557	8.476646	10.0	3616803.0	0.564976	Y
7	IC 200-218864/11	19.99612	11.842779	10.0	3649281.0	0.592254	Y
8	IC 200-218864/12	39.99224	23.458072	10.0	3741148.0	0.586566	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

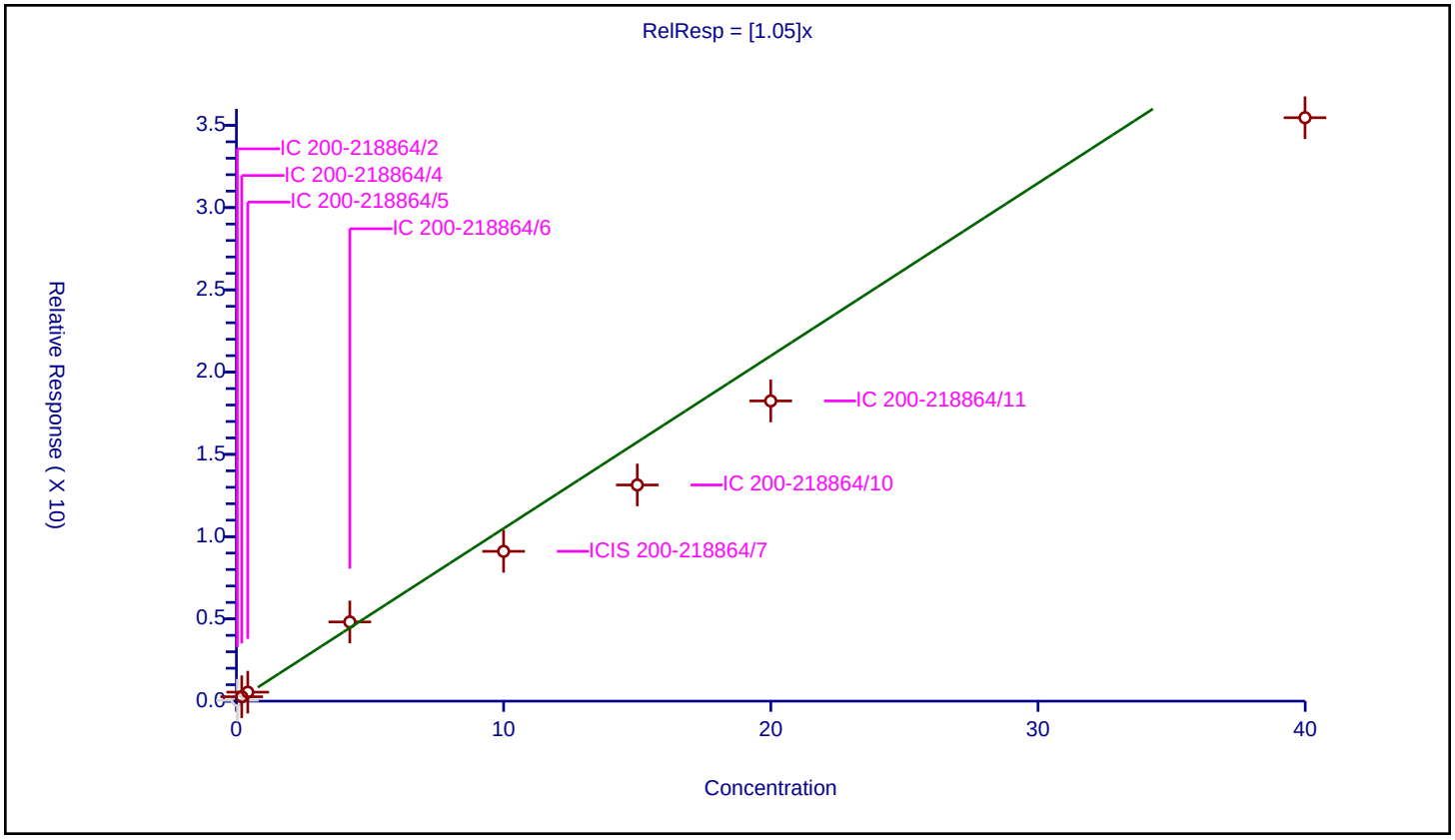
Curve Coefficients

Intercept:	0
Slope:	1.05

Error Coefficients

Relative Standard Deviation:	19.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.051166	10.0	3662619.0	1.460551	N
2	IC 200-218864/4	0.200181	0.268668	10.0	3538525.0	1.342127	Y
3	IC 200-218864/5	0.425385	0.54633	10.0	3711820.0	1.284321	Y
4	IC 200-218864/6	4.243678	4.813763	10.0	3453510.0	1.134337	Y
5	ICIS 200-218864/7	9.99806	9.106161	10.0	3581729.0	0.910793	Y
6	IC 200-218864/10	15.003557	13.140754	10.0	3616803.0	0.875843	Y
7	IC 200-218864/11	19.99612	18.247559	10.0	3649281.0	0.912555	Y
8	IC 200-218864/12	39.99224	35.463868	10.0	3741148.0	0.886769	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

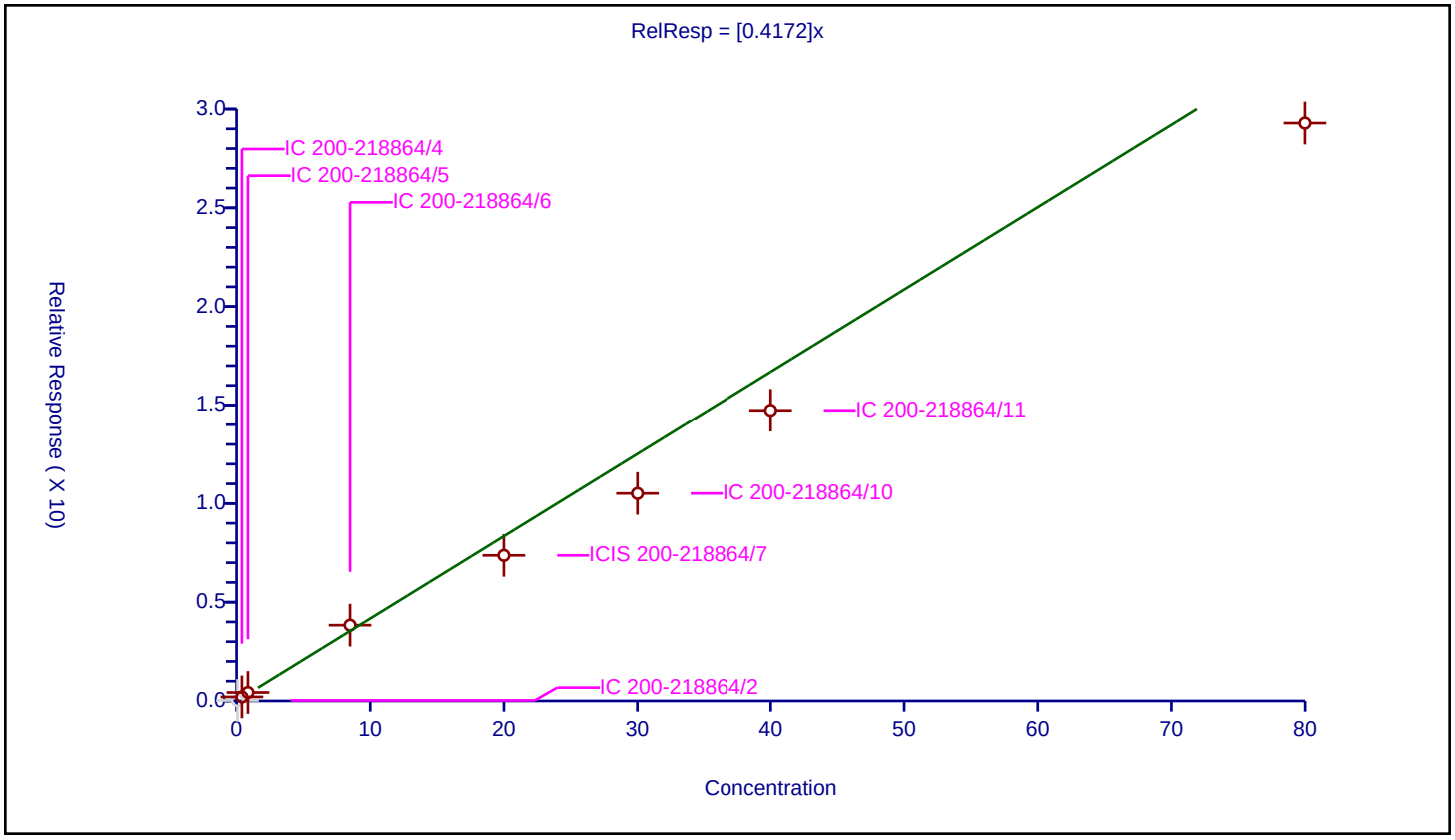
Curve Coefficients

Intercept:	0
Slope:	0.4172

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.070063	0.025643	10.0	3662619.0	0.365995	N
2	IC 200-218864/4	0.400362	0.204681	10.0	3538525.0	0.511241	Y
3	IC 200-218864/5	0.850769	0.428528	10.0	3711820.0	0.503695	Y
4	IC 200-218864/6	8.487357	3.835689	10.0	3453510.0	0.45193	Y
5	ICIS 200-218864/7	19.99612	7.370756	10.0	3581729.0	0.368609	Y
6	IC 200-218864/10	30.007114	10.512638	10.0	3616803.0	0.350338	Y
7	IC 200-218864/11	39.99224	14.734464	10.0	3649281.0	0.368433	Y
8	IC 200-218864/12	79.984479	29.29206	10.0	3741148.0	0.366222	Y



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Calibration / n-Nonane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

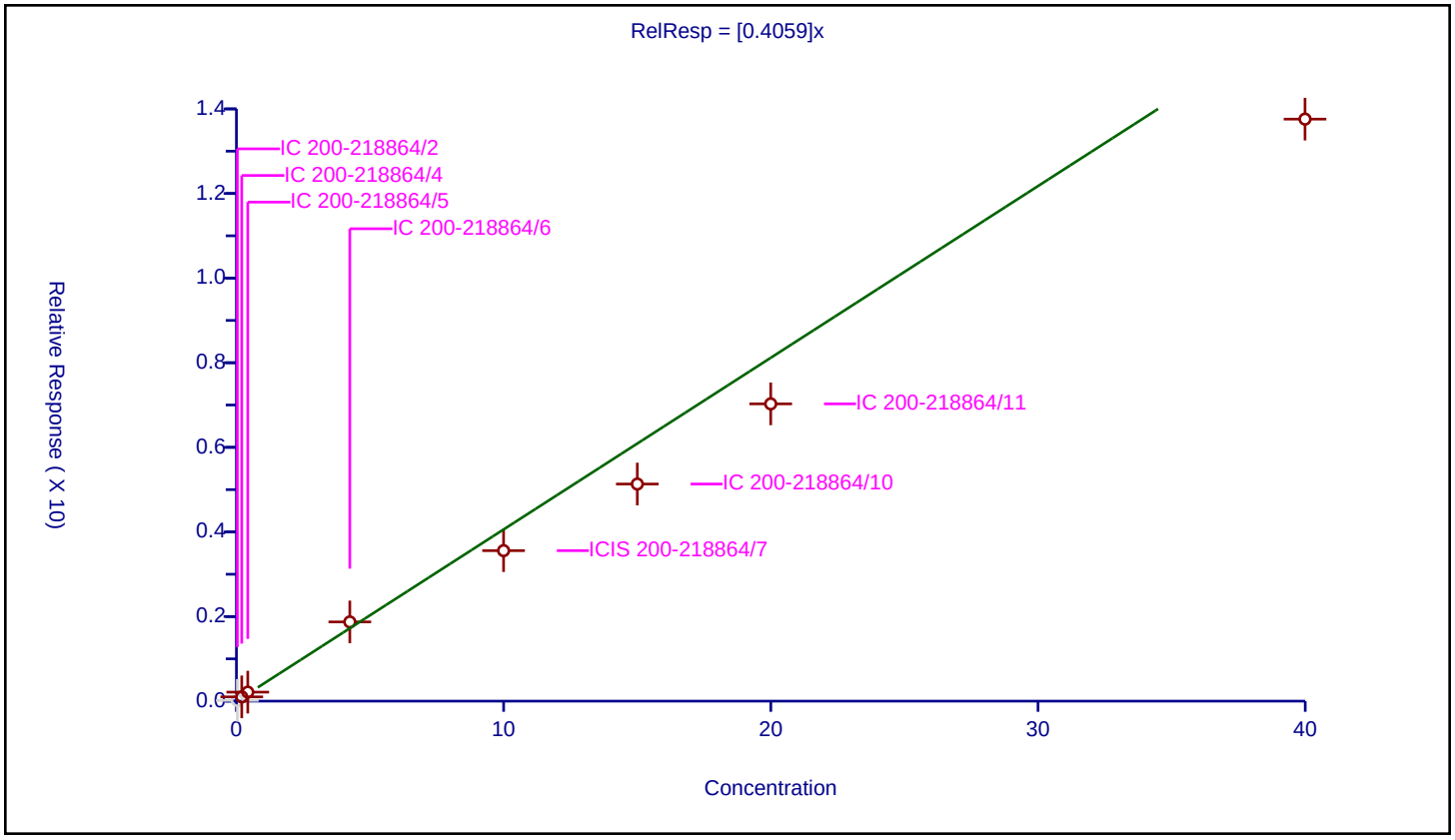
Curve Coefficients

Intercept:	0
Slope:	0.4059

Error Coefficients

Relative Standard Deviation:	18.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.017343	10.0	3662619.0	0.49506	N
2	IC 200-218864/4	0.200181	0.101164	10.0	3538525.0	0.505361	Y
3	IC 200-218864/5	0.425385	0.213133	10.0	3711820.0	0.501035	Y
4	IC 200-218864/6	4.243678	1.872923	10.0	3453510.0	0.441344	Y
5	ICIS 200-218864/7	9.99806	3.557221	10.0	3581729.0	0.355791	Y
6	IC 200-218864/10	15.003557	5.132168	10.0	3616803.0	0.342063	Y
7	IC 200-218864/11	19.99612	7.027488	10.0	3649281.0	0.351443	Y
8	IC 200-218864/12	39.99224	13.758384	10.0	3741148.0	0.344026	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

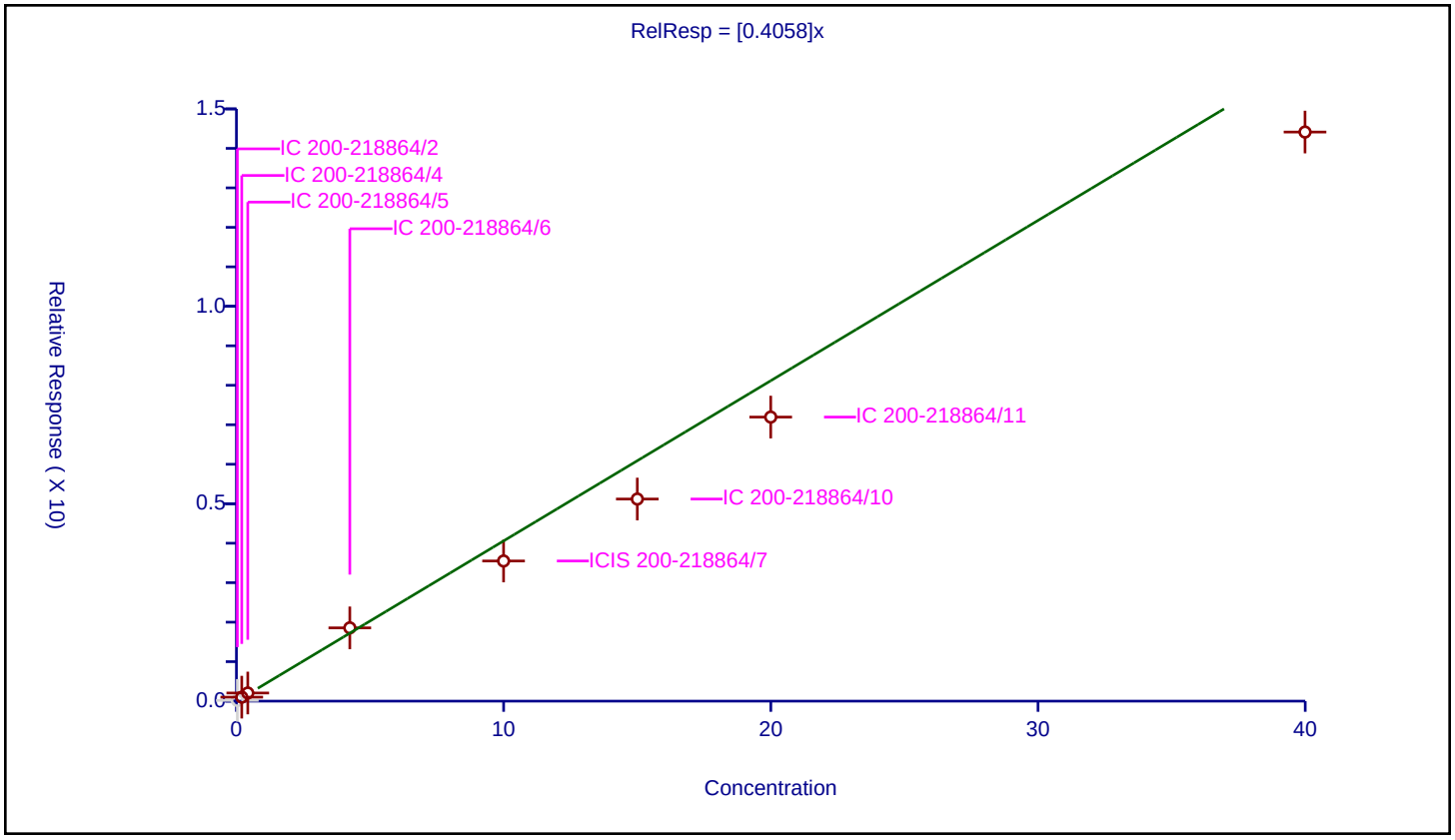
Curve Coefficients

Intercept:	0
Slope:	0.4058

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.018361	10.0	3662619.0	0.524131	N
2	IC 200-218864/4	0.200181	0.100573	10.0	3538525.0	0.50241	Y
3	IC 200-218864/5	0.425385	0.206133	10.0	3711820.0	0.484581	Y
4	IC 200-218864/6	4.243678	1.856057	10.0	3453510.0	0.43737	Y
5	ICIS 200-218864/7	9.99806	3.54992	10.0	3581729.0	0.355061	Y
6	IC 200-218864/10	15.003557	5.118648	10.0	3616803.0	0.341162	Y
7	IC 200-218864/11	19.99612	7.194475	10.0	3649281.0	0.359794	Y
8	IC 200-218864/12	39.99224	14.413896	10.0	3741148.0	0.360417	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

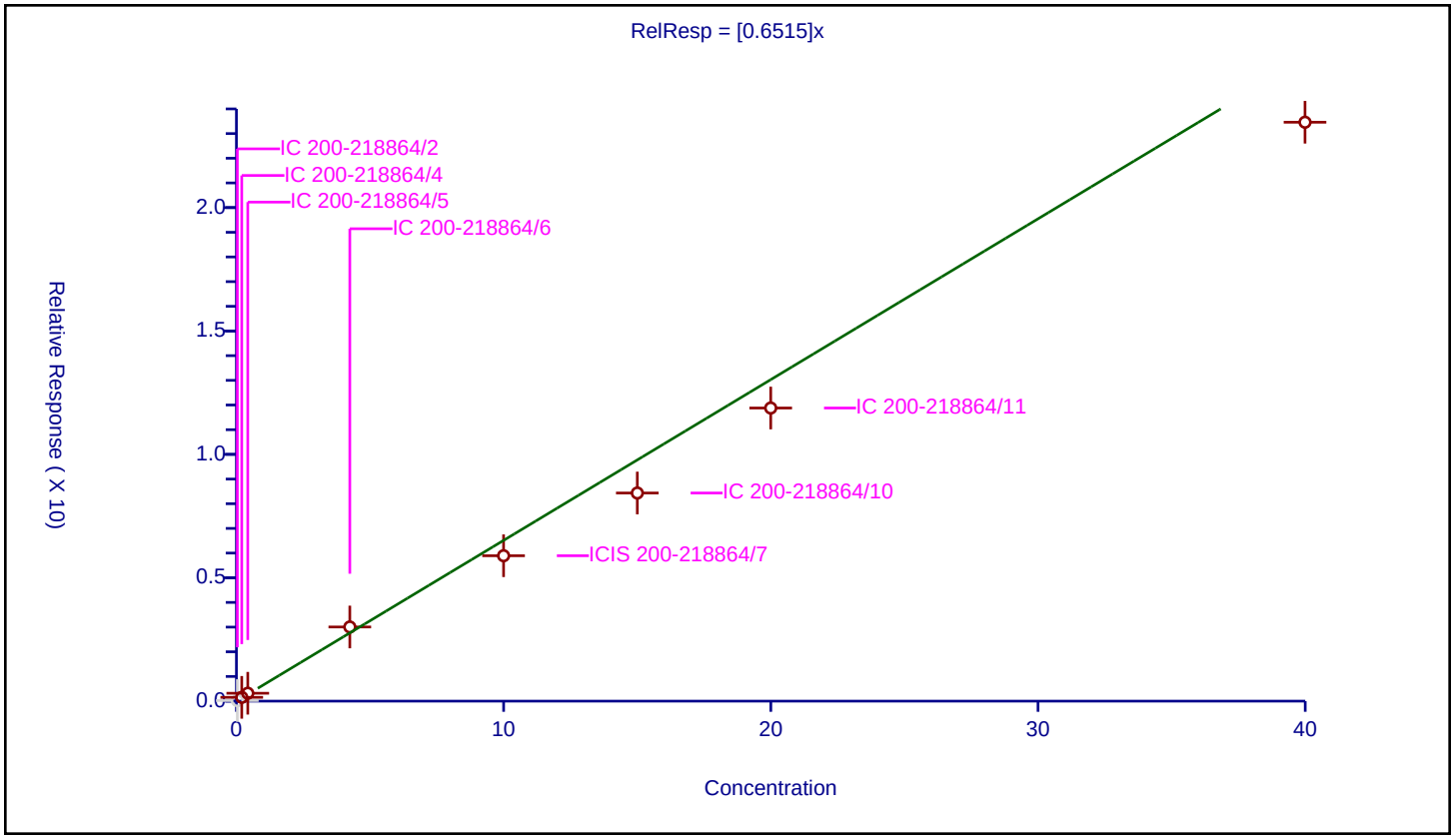
Curve Coefficients

Intercept:	0
Slope:	0.6515

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.022836	10.0	3662619.0	0.65187	N
2	IC 200-218864/4	0.200181	0.153878	10.0	3538525.0	0.768693	Y
3	IC 200-218864/5	0.425385	0.319673	10.0	3711820.0	0.751492	Y
4	IC 200-218864/6	4.243678	3.005423	10.0	3453510.0	0.708212	Y
5	ICIS 200-218864/7	9.99806	5.89235	10.0	3581729.0	0.589349	Y
6	IC 200-218864/10	15.003557	8.434192	10.0	3616803.0	0.562146	Y
7	IC 200-218864/11	19.99612	11.878258	10.0	3649281.0	0.594028	Y
8	IC 200-218864/12	39.99224	23.459347	10.0	3741148.0	0.586597	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

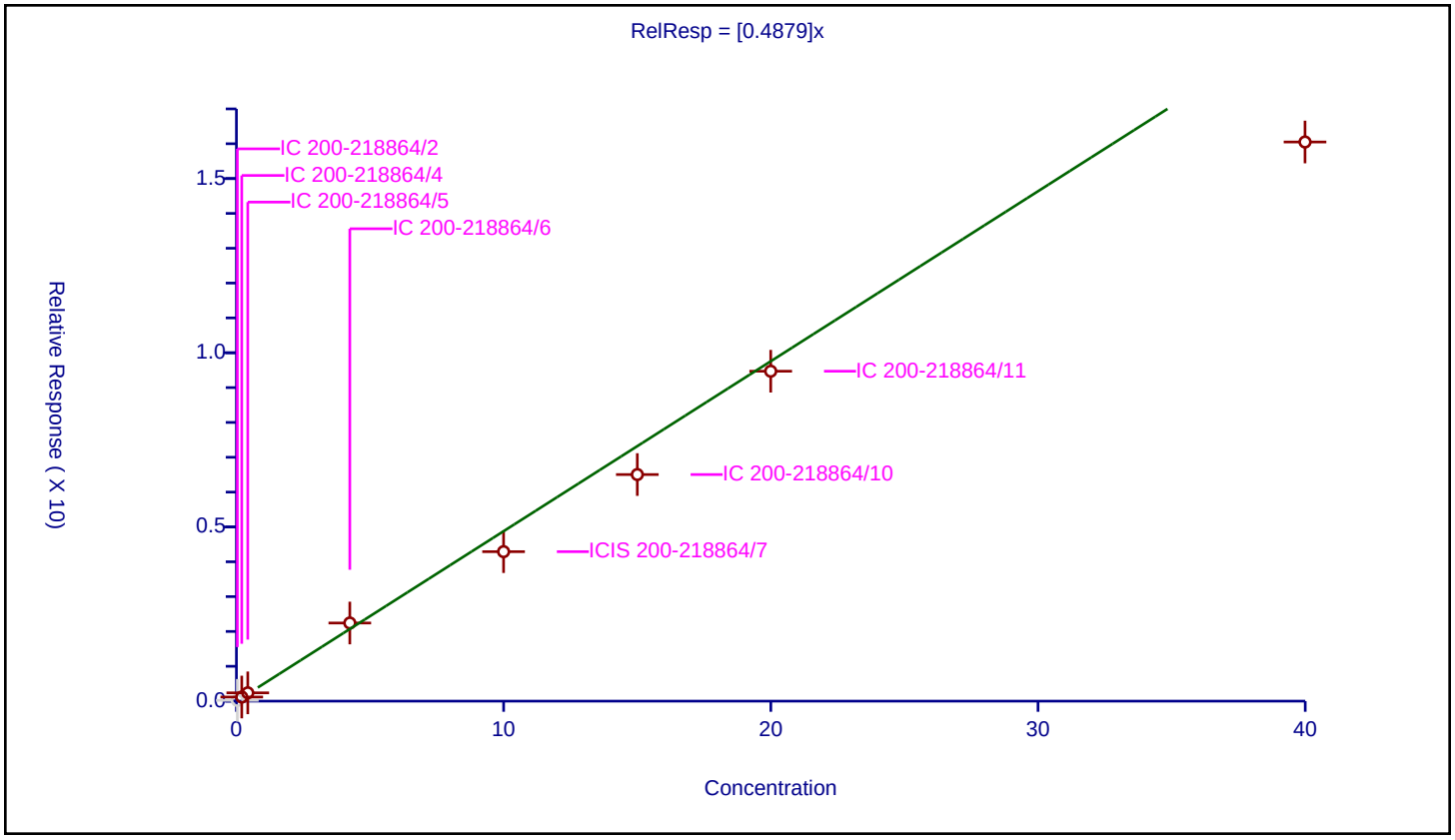
Curve Coefficients

Intercept:	0
Slope:	0.4879

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.022205	10.0	3662619.0	0.633867	N
2	IC 200-218864/4	0.200181	0.117792	10.0	3538525.0	0.588427	Y
3	IC 200-218864/5	0.425385	0.238433	10.0	3711820.0	0.560511	Y
4	IC 200-218864/6	4.243678	2.242973	10.0	3453510.0	0.528545	Y
5	ICIS 200-218864/7	9.99806	4.290816	10.0	3581729.0	0.429165	Y
6	IC 200-218864/10	15.003557	6.503741	10.0	3616803.0	0.43348	Y
7	IC 200-218864/11	19.99612	9.47006	10.0	3649281.0	0.473595	Y
8	IC 200-218864/12	39.99224	16.0494	10.0	3741148.0	0.401313	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

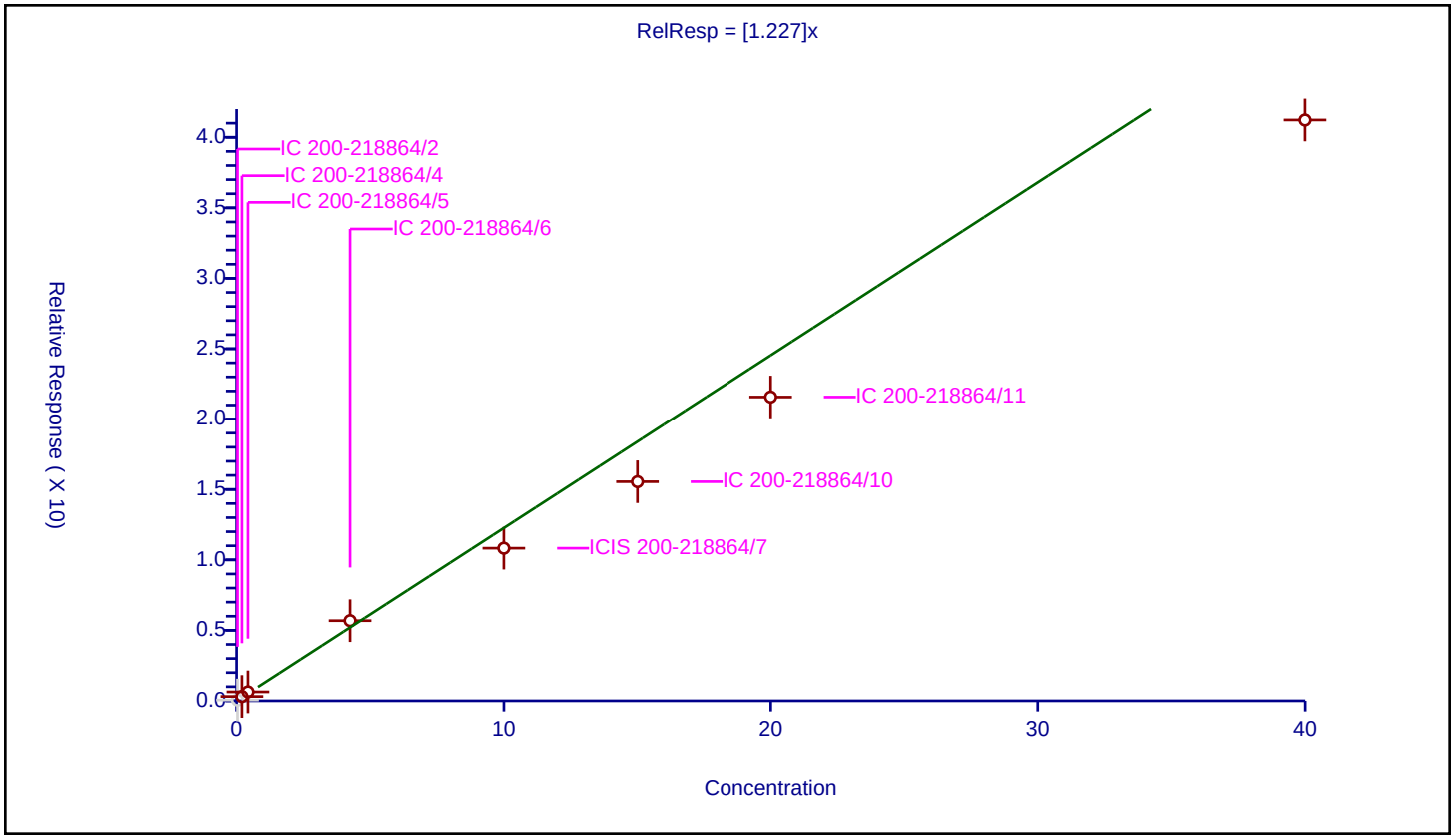
Curve Coefficients

Intercept:	0
Slope:	1.227

Error Coefficients

Relative Standard Deviation:	17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.055556	10.0	3662619.0	1.585875	N
2	IC 200-218864/4	0.200181	0.306159	10.0	3538525.0	1.529409	Y
3	IC 200-218864/5	0.425385	0.633166	10.0	3711820.0	1.488456	Y
4	IC 200-218864/6	4.243678	5.68486	10.0	3453510.0	1.339607	Y
5	ICIS 200-218864/7	9.99806	10.828485	10.0	3581729.0	1.083059	Y
6	IC 200-218864/10	15.003557	15.553244	10.0	3616803.0	1.036637	Y
7	IC 200-218864/11	19.99612	21.570244	10.0	3649281.0	1.078721	Y
8	IC 200-218864/12	39.99224	41.226522	10.0	3741148.0	1.030863	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

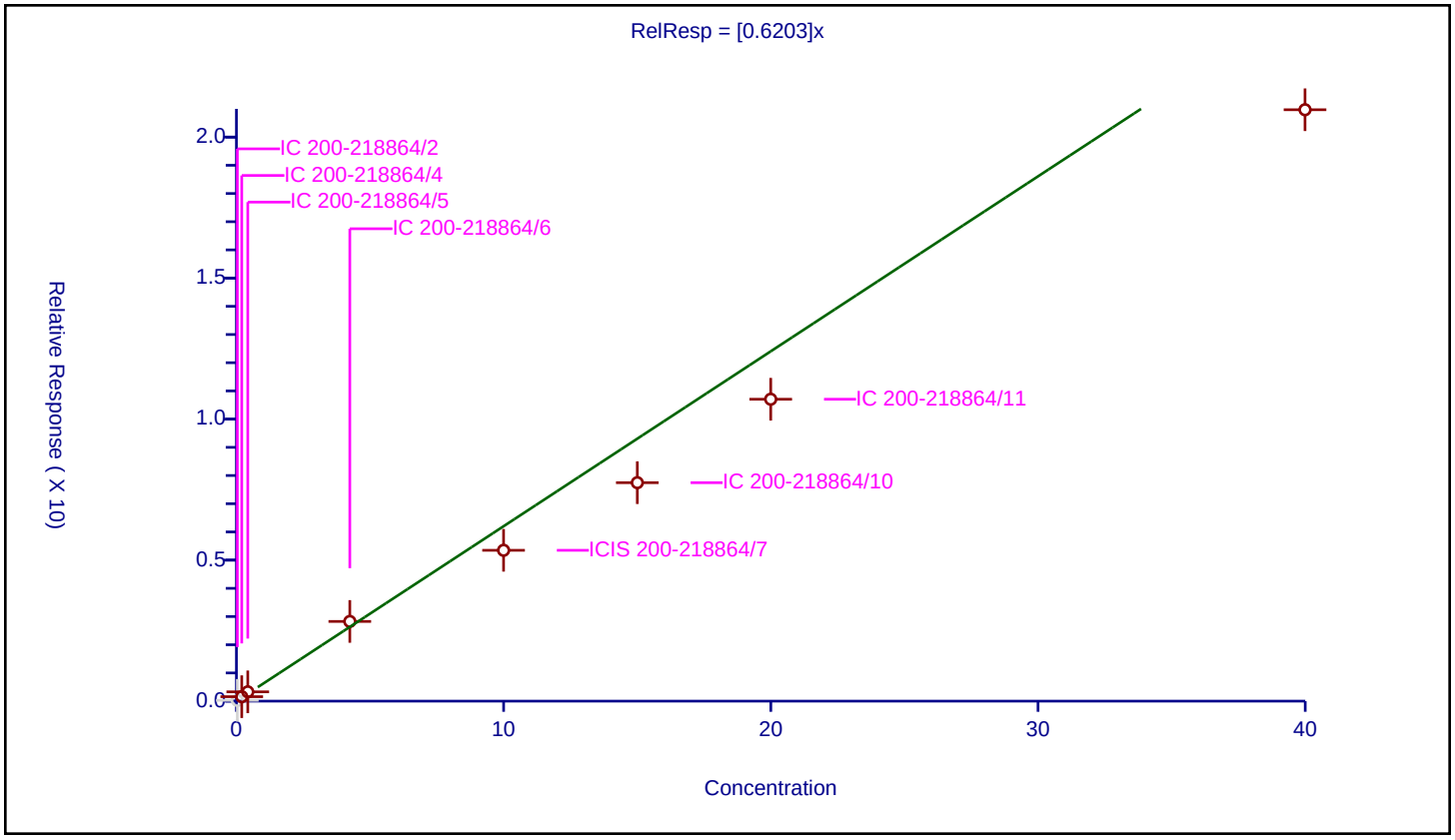
Curve Coefficients

Intercept:	0
Slope:	0.6203

Error Coefficients

Relative Standard Deviation:	19.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.02765	10.0	3662619.0	0.789275	N
2	IC 200-218864/4	0.200181	0.158055	10.0	3538525.0	0.789558	Y
3	IC 200-218864/5	0.425385	0.329835	10.0	3711820.0	0.775382	Y
4	IC 200-218864/6	4.243678	2.826006	10.0	3453510.0	0.665933	Y
5	ICIS 200-218864/7	9.99806	5.348861	10.0	3581729.0	0.53499	Y
6	IC 200-218864/10	15.003557	7.745962	10.0	3616803.0	0.516275	Y
7	IC 200-218864/11	19.99612	10.704774	10.0	3649281.0	0.535343	Y
8	IC 200-218864/12	39.99224	20.969737	10.0	3741148.0	0.524345	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

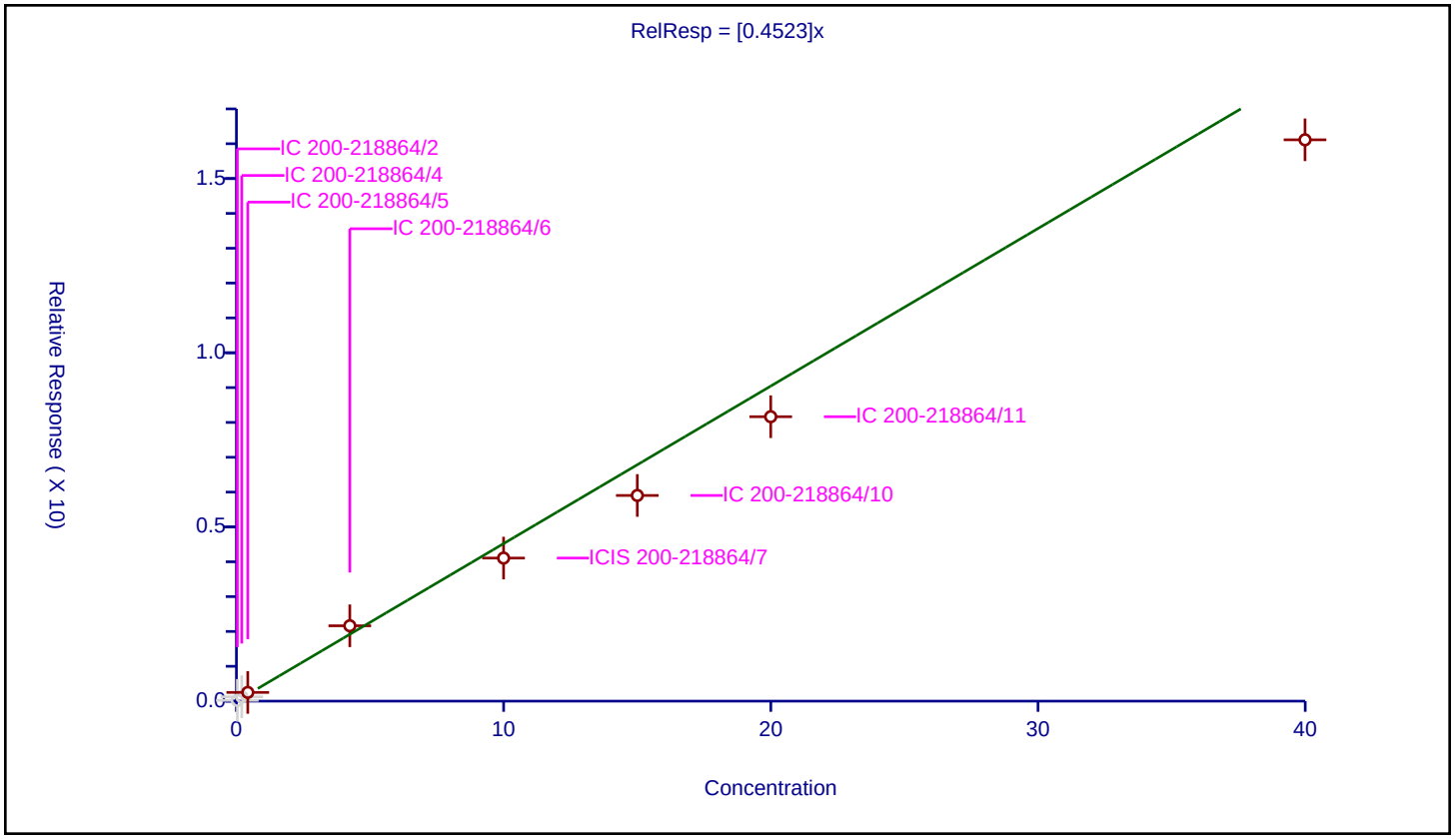
Curve Coefficients

Intercept:	0
Slope:	0.4523

Error Coefficients

Relative Standard Deviation:	17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.022779	10.0	3662619.0	0.650234	N
2	IC 200-218864/4	0.200181	0.124173	10.0	3538525.0	0.620305	N
3	IC 200-218864/5	0.425385	0.250268	10.0	3711820.0	0.588333	Y
4	IC 200-218864/6	4.243678	2.163089	10.0	3453510.0	0.50972	Y
5	ICIS 200-218864/7	9.99806	4.106693	10.0	3581729.0	0.410749	Y
6	IC 200-218864/10	15.003557	5.904043	10.0	3616803.0	0.39351	Y
7	IC 200-218864/11	19.99612	8.164414	10.0	3649281.0	0.4083	Y
8	IC 200-218864/12	39.99224	16.112685	10.0	3741148.0	0.402895	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

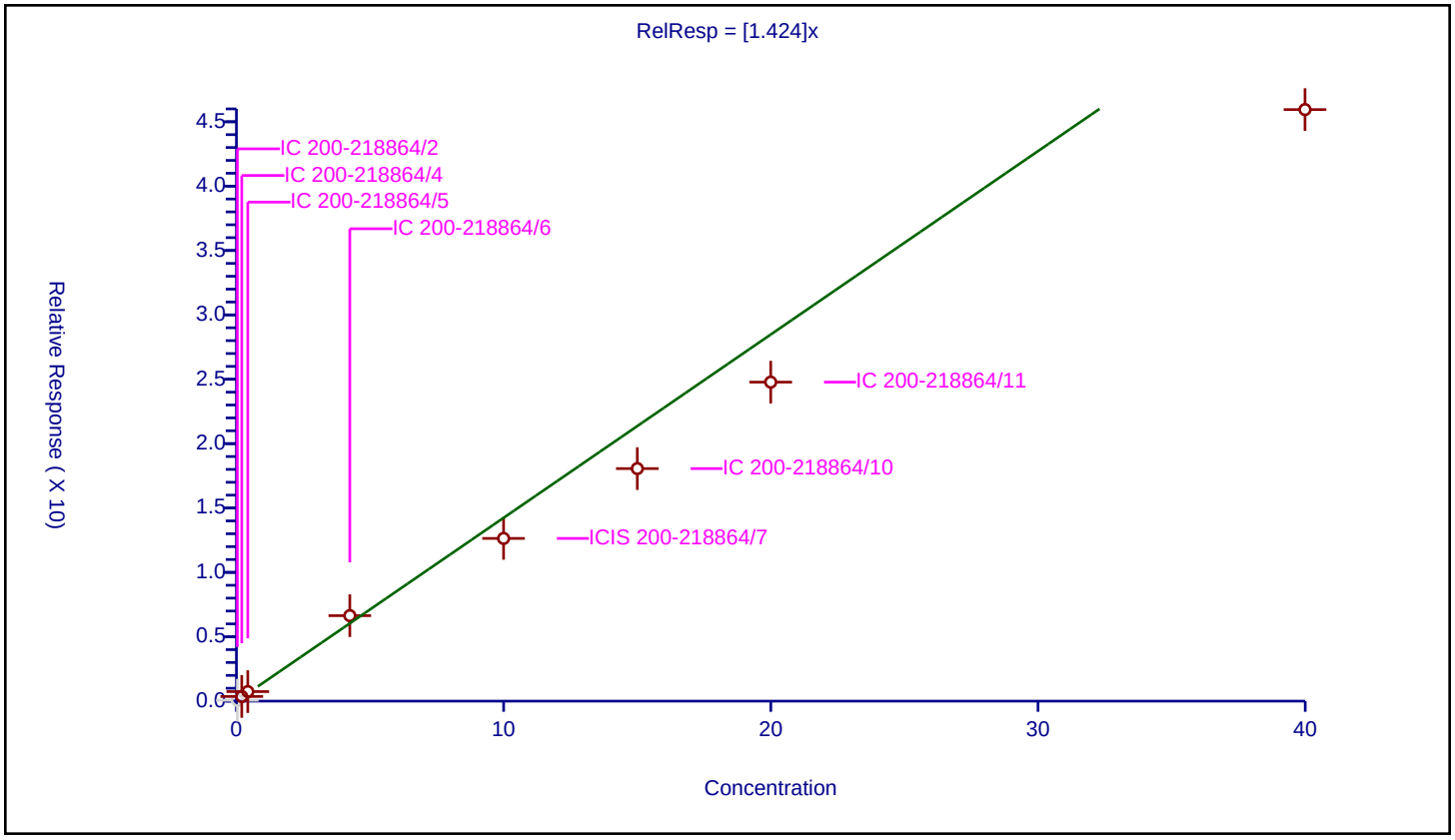
Curve Coefficients

Intercept:	0
Slope:	1.424

Error Coefficients

Relative Standard Deviation:	19.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.067261	10.0	3662619.0	1.919994	N
2	IC 200-218864/4	0.200181	0.361509	10.0	3538525.0	1.805912	Y
3	IC 200-218864/5	0.425385	0.740987	10.0	3711820.0	1.741922	Y
4	IC 200-218864/6	4.243678	6.638907	10.0	3453510.0	1.564423	Y
5	ICIS 200-218864/7	9.99806	12.638642	10.0	3581729.0	1.264109	Y
6	IC 200-218864/10	15.003557	18.061642	10.0	3616803.0	1.203824	Y
7	IC 200-218864/11	19.99612	24.776651	10.0	3649281.0	1.239073	Y
8	IC 200-218864/12	39.99224	45.945694	10.0	3741148.0	1.148865	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

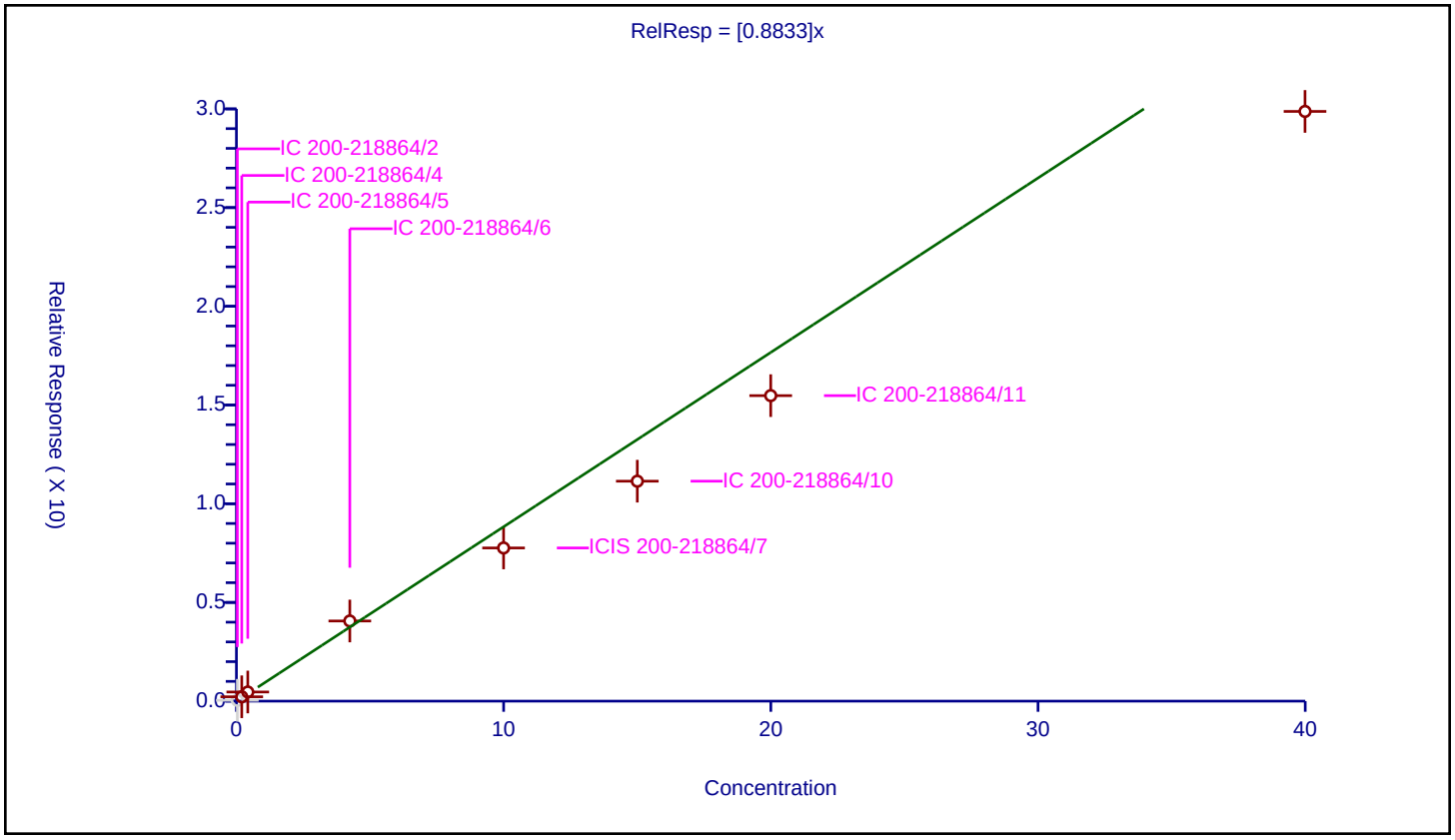
Curve Coefficients

Intercept:	0
Slope:	0.8833

Error Coefficients

Relative Standard Deviation:	18.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.042672	10.0	3662619.0	1.218087	N
2	IC 200-218864/4	0.200181	0.219945	10.0	3538525.0	1.098729	Y
3	IC 200-218864/5	0.425385	0.462824	10.0	3711820.0	1.088013	Y
4	IC 200-218864/6	4.243678	4.060165	10.0	3453510.0	0.956756	Y
5	ICIS 200-218864/7	9.99806	7.759423	10.0	3581729.0	0.776093	Y
6	IC 200-218864/10	15.003557	11.141389	10.0	3616803.0	0.742583	Y
7	IC 200-218864/11	19.99612	15.475807	10.0	3649281.0	0.773941	Y
8	IC 200-218864/12	39.99224	29.871756	10.0	3741148.0	0.746939	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

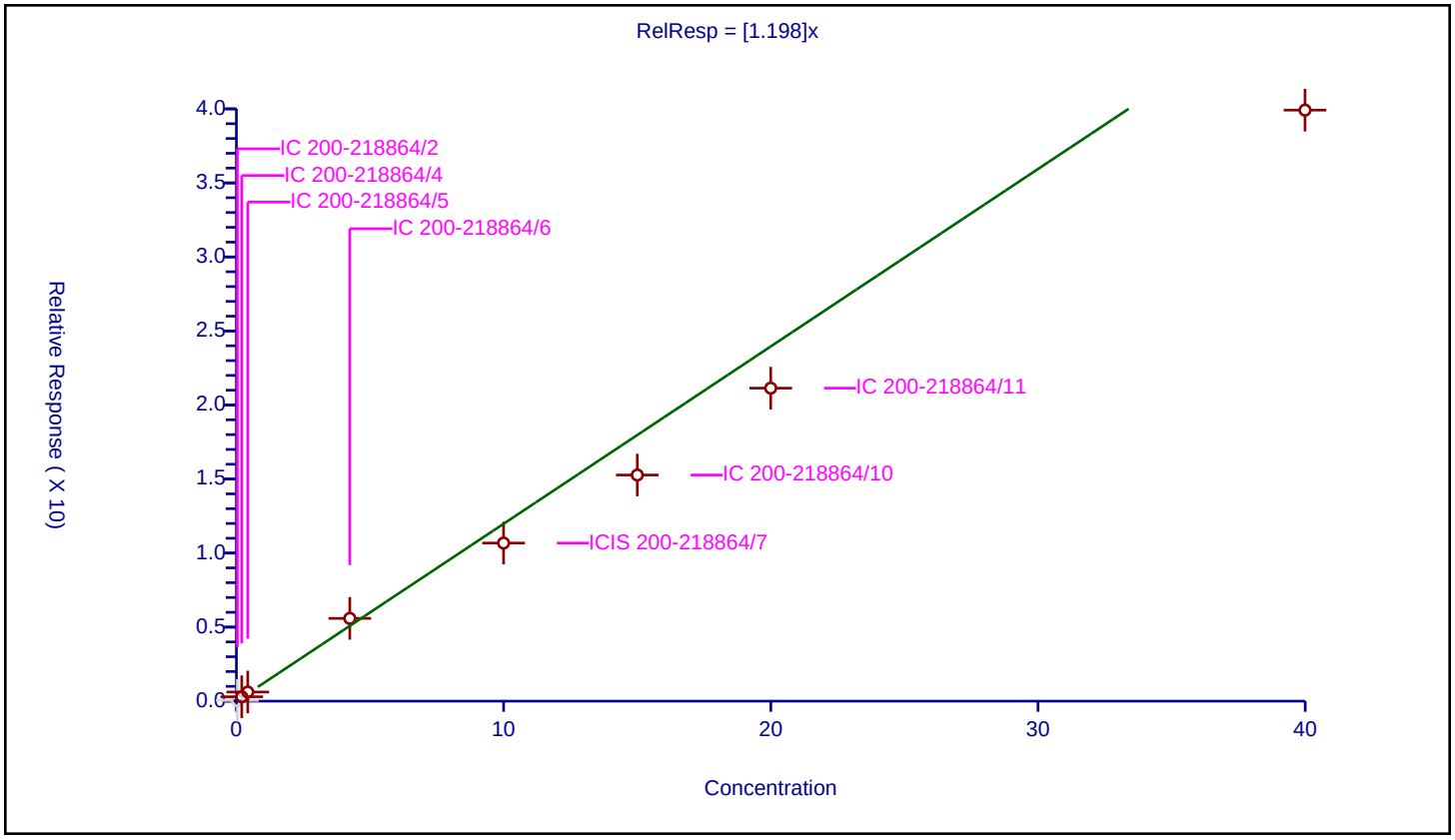
Curve Coefficients

Intercept:	0
Slope:	1.198

Error Coefficients

Relative Standard Deviation:	17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.052542	10.0	3662619.0	1.499832	N
2	IC 200-218864/4	0.200181	0.295748	10.0	3538525.0	1.4774	Y
3	IC 200-218864/5	0.425385	0.616711	10.0	3711820.0	1.449772	Y
4	IC 200-218864/6	4.243678	5.590698	10.0	3453510.0	1.317418	Y
5	ICIS 200-218864/7	9.99806	10.67736	10.0	3581729.0	1.067943	Y
6	IC 200-218864/10	15.003557	15.270804	10.0	3616803.0	1.017812	Y
7	IC 200-218864/11	19.99612	21.139742	10.0	3649281.0	1.057192	Y
8	IC 200-218864/12	39.99224	39.915304	10.0	3741148.0	0.998076	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

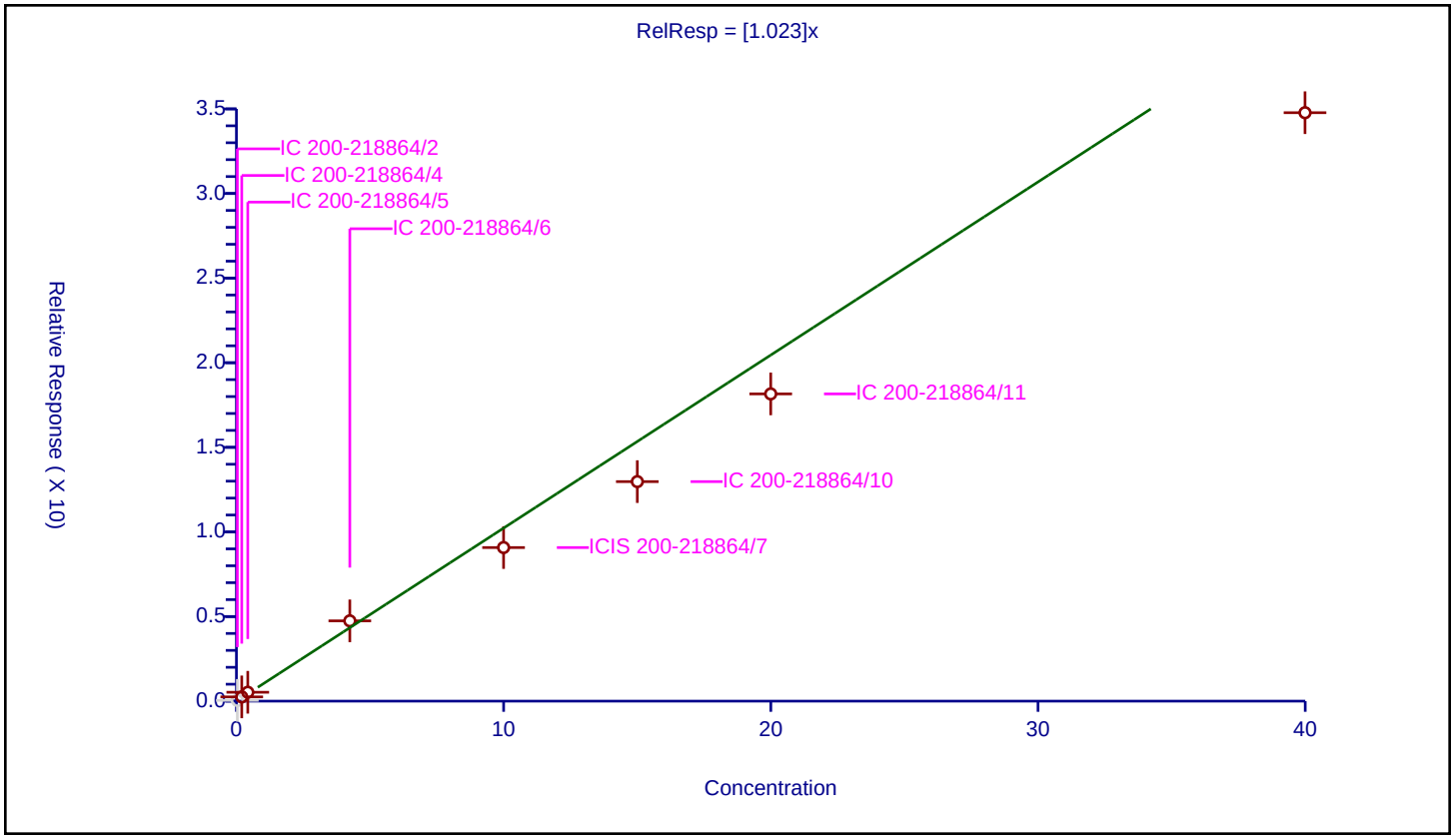
Curve Coefficients

Intercept:	0
Slope:	1.023

Error Coefficients

Relative Standard Deviation:	17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.045435	10.0	3662619.0	1.29696	N
2	IC 200-218864/4	0.200181	0.251285	10.0	3538525.0	1.255291	Y
3	IC 200-218864/5	0.425385	0.525599	10.0	3711820.0	1.235586	Y
4	IC 200-218864/6	4.243678	4.744802	10.0	3453510.0	1.118087	Y
5	ICIS 200-218864/7	9.99806	9.076753	10.0	3581729.0	0.907851	Y
6	IC 200-218864/10	15.003557	12.974052	10.0	3616803.0	0.864732	Y
7	IC 200-218864/11	19.99612	18.156799	10.0	3649281.0	0.908016	Y
8	IC 200-218864/12	39.99224	34.774577	10.0	3741148.0	0.869533	Y



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Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

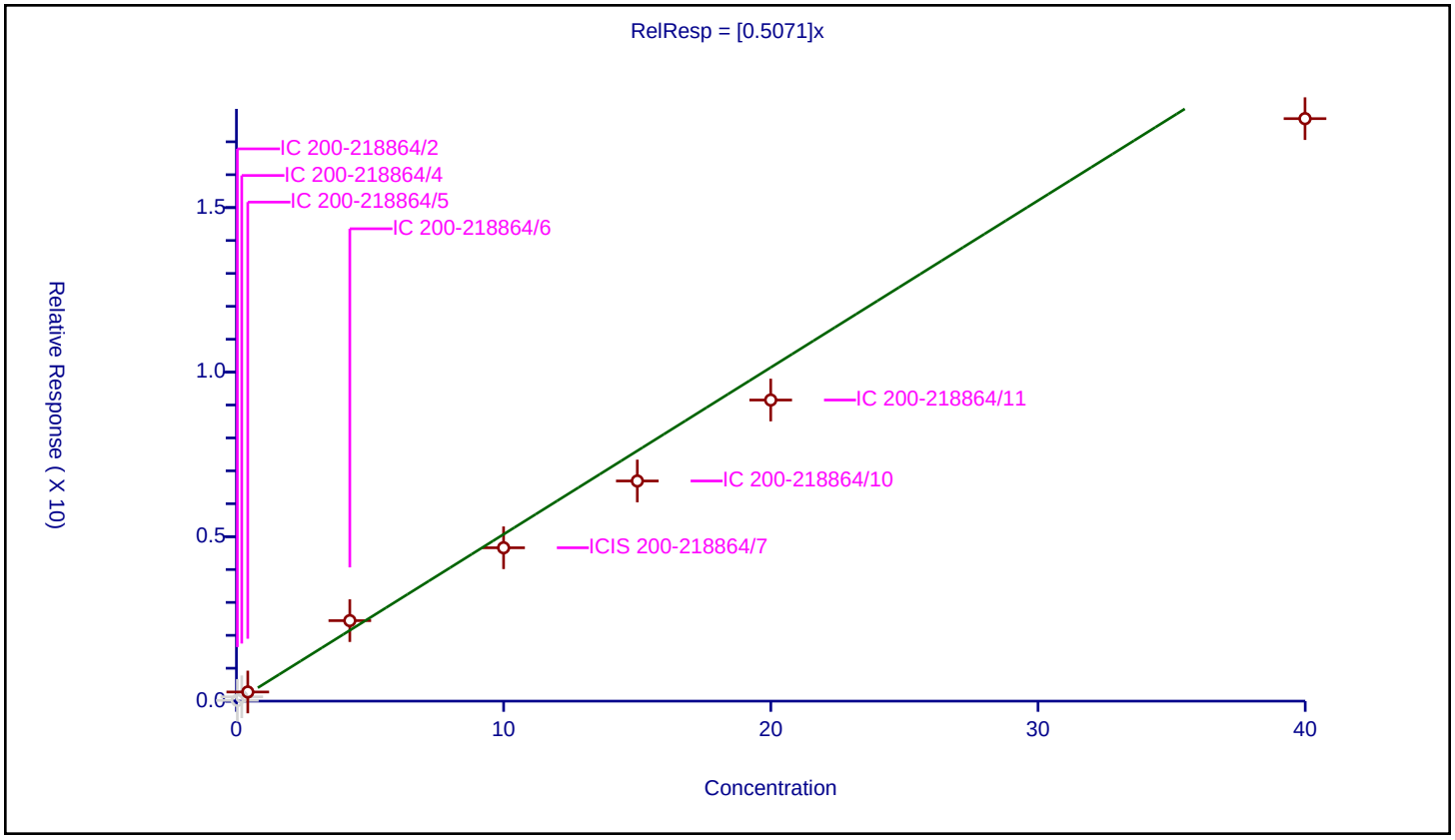
Curve Coefficients

Intercept:	0
Slope:	0.5071

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.023295	10.0	3662619.0	0.664964	N
2	IC 200-218864/4	0.200181	0.131628	10.0	3538525.0	0.657546	N
3	IC 200-218864/5	0.425385	0.278068	10.0	3711820.0	0.653687	Y
4	IC 200-218864/6	4.243678	2.446693	10.0	3453510.0	0.57655	Y
5	ICIS 200-218864/7	9.99806	4.661307	10.0	3581729.0	0.466221	Y
6	IC 200-218864/10	15.003557	6.691387	10.0	3616803.0	0.445987	Y
7	IC 200-218864/11	19.99612	9.151562	10.0	3649281.0	0.457667	Y
8	IC 200-218864/12	39.99224	17.703363	10.0	3741148.0	0.44267	Y



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Calibration / Alpha Methyl Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

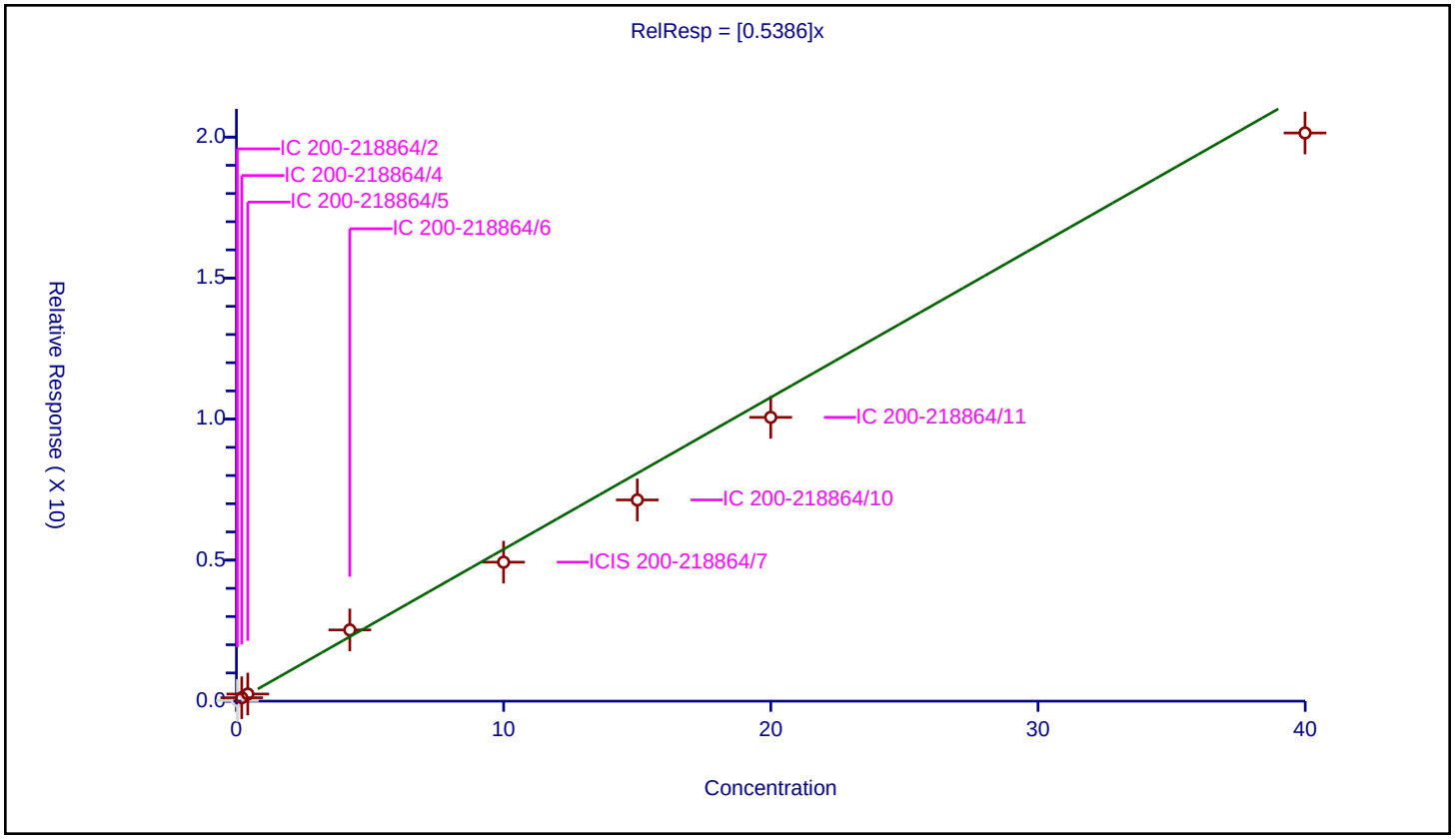
Curve Coefficients

Intercept:	0
Slope:	0.5386

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.020379	10.0	3662619.0	0.581727	N
2	IC 200-218864/4	0.200181	0.121271	10.0	3538525.0	0.605806	Y
3	IC 200-218864/5	0.425385	0.252642	10.0	3711820.0	0.593913	Y
4	IC 200-218864/6	4.243678	2.524626	10.0	3453510.0	0.594914	Y
5	ICIS 200-218864/7	9.99806	4.927737	10.0	3581729.0	0.492869	Y
6	IC 200-218864/10	15.003557	7.134077	10.0	3616803.0	0.475492	Y
7	IC 200-218864/11	19.99612	10.063404	10.0	3649281.0	0.503268	Y
8	IC 200-218864/12	39.99224	20.145541	10.0	3741148.0	0.503736	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

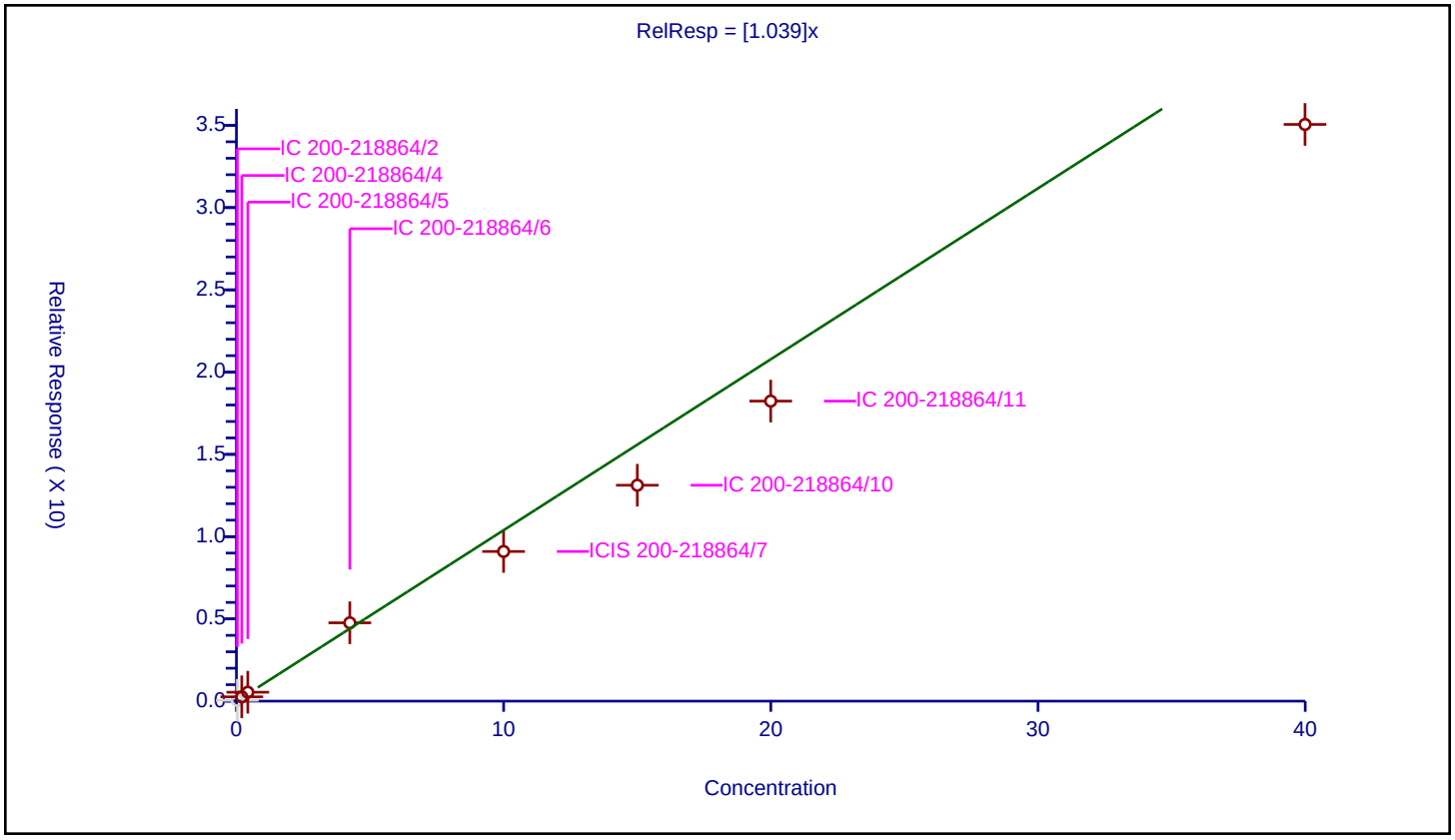
Curve Coefficients

Intercept:	0
Slope:	1.039

Error Coefficients

Relative Standard Deviation:	18.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.049751	10.0	3662619.0	1.42018	N
2	IC 200-218864/4	0.200181	0.261208	10.0	3538525.0	1.304857	Y
3	IC 200-218864/5	0.425385	0.541575	10.0	3711820.0	1.273142	Y
4	IC 200-218864/6	4.243678	4.761483	10.0	3453510.0	1.122018	Y
5	ICIS 200-218864/7	9.99806	9.097377	10.0	3581729.0	0.909914	Y
6	IC 200-218864/10	15.003557	13.123607	10.0	3616803.0	0.8747	Y
7	IC 200-218864/11	19.99612	18.238417	10.0	3649281.0	0.912098	Y
8	IC 200-218864/12	39.99224	35.055325	10.0	3741148.0	0.876553	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

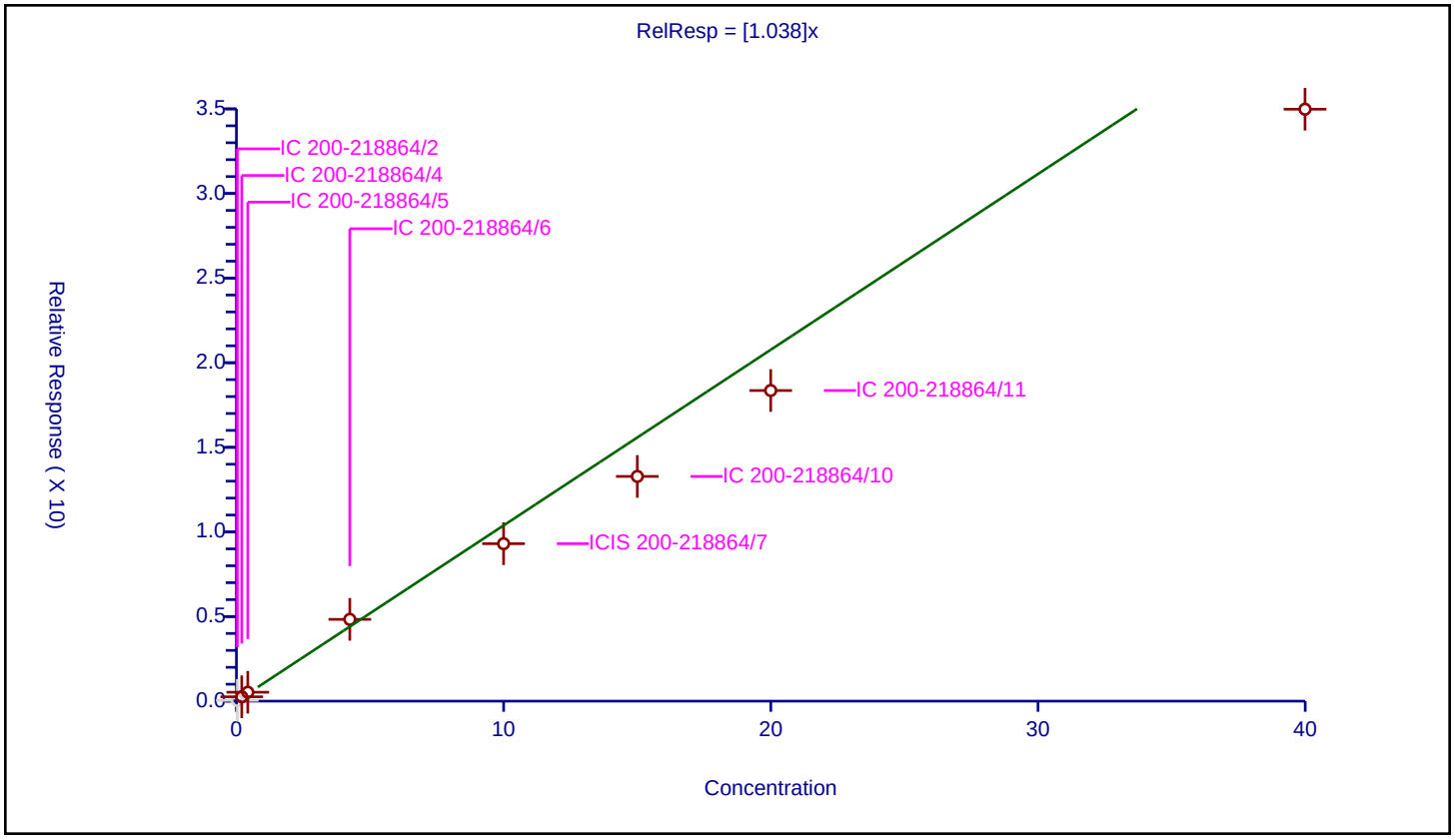
Curve Coefficients

Intercept:	0
Slope:	1.038

Error Coefficients

Relative Standard Deviation:	17.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.045181	10.0	3662619.0	1.289712	N
2	IC 200-218864/4	0.200181	0.25672	10.0	3538525.0	1.282439	Y
3	IC 200-218864/5	0.425385	0.527154	10.0	3711820.0	1.23924	Y
4	IC 200-218864/6	4.243678	4.832466	10.0	3453510.0	1.138745	Y
5	ICIS 200-218864/7	9.99806	9.30447	10.0	3581729.0	0.930628	Y
6	IC 200-218864/10	15.003557	13.281227	10.0	3616803.0	0.885205	Y
7	IC 200-218864/11	19.99612	18.356737	10.0	3649281.0	0.918015	Y
8	IC 200-218864/12	39.99224	34.980682	10.0	3741148.0	0.874687	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

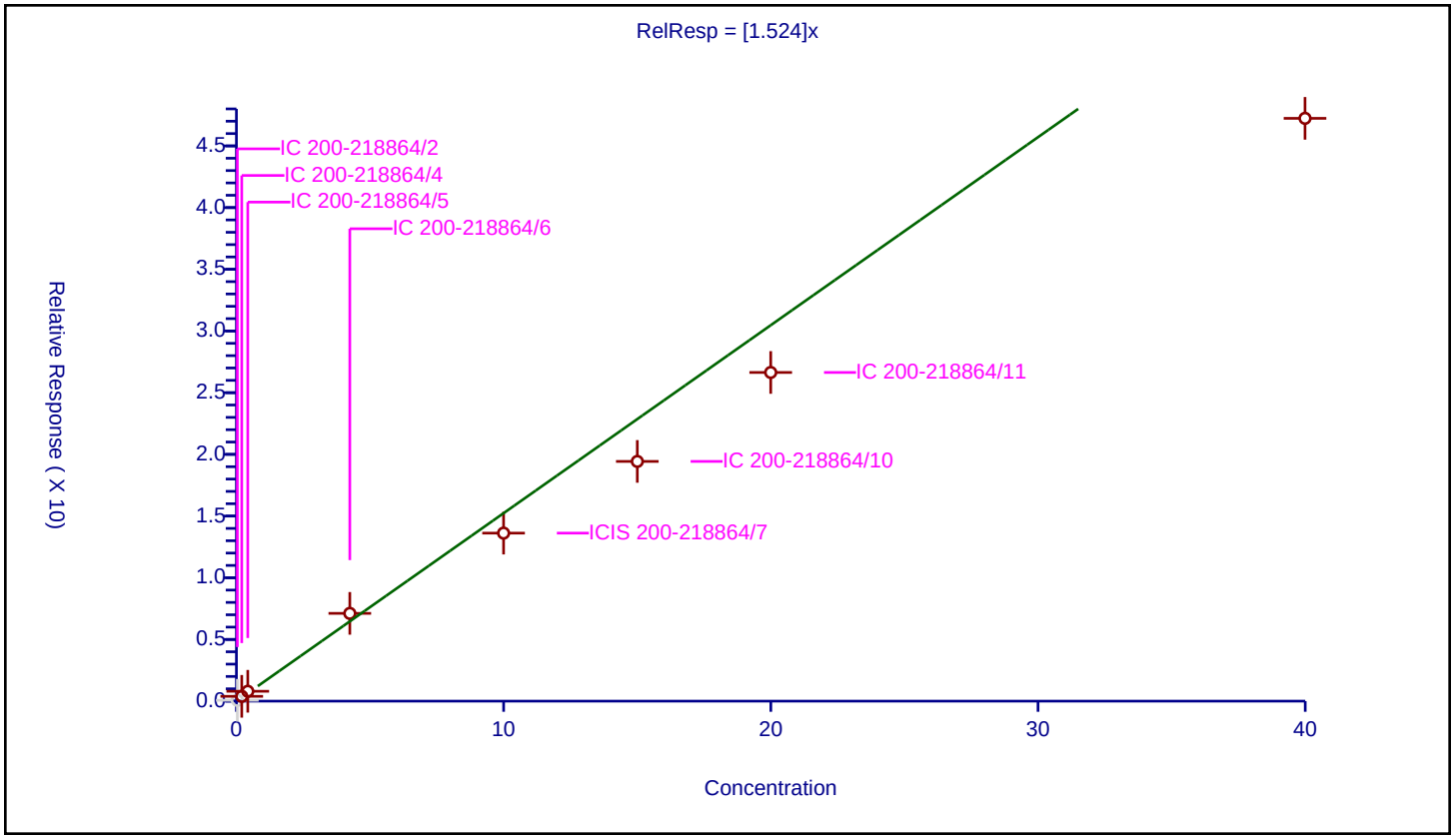
Curve Coefficients

Intercept:	0
Slope:	1.524

Error Coefficients

Relative Standard Deviation:	20.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.068672	10.0	3662619.0	1.960288	N
2	IC 200-218864/4	0.200181	0.388574	10.0	3538525.0	1.941115	Y
3	IC 200-218864/5	0.425385	0.798748	10.0	3711820.0	1.877708	Y
4	IC 200-218864/6	4.243678	7.112619	10.0	3453510.0	1.67605	Y
5	ICIS 200-218864/7	9.99806	13.61763	10.0	3581729.0	1.362027	Y
6	IC 200-218864/10	15.003557	19.427644	10.0	3616803.0	1.294869	Y
7	IC 200-218864/11	19.99612	26.638179	10.0	3649281.0	1.332167	Y
8	IC 200-218864/12	39.99224	47.234638	10.0	3741148.0	1.181095	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

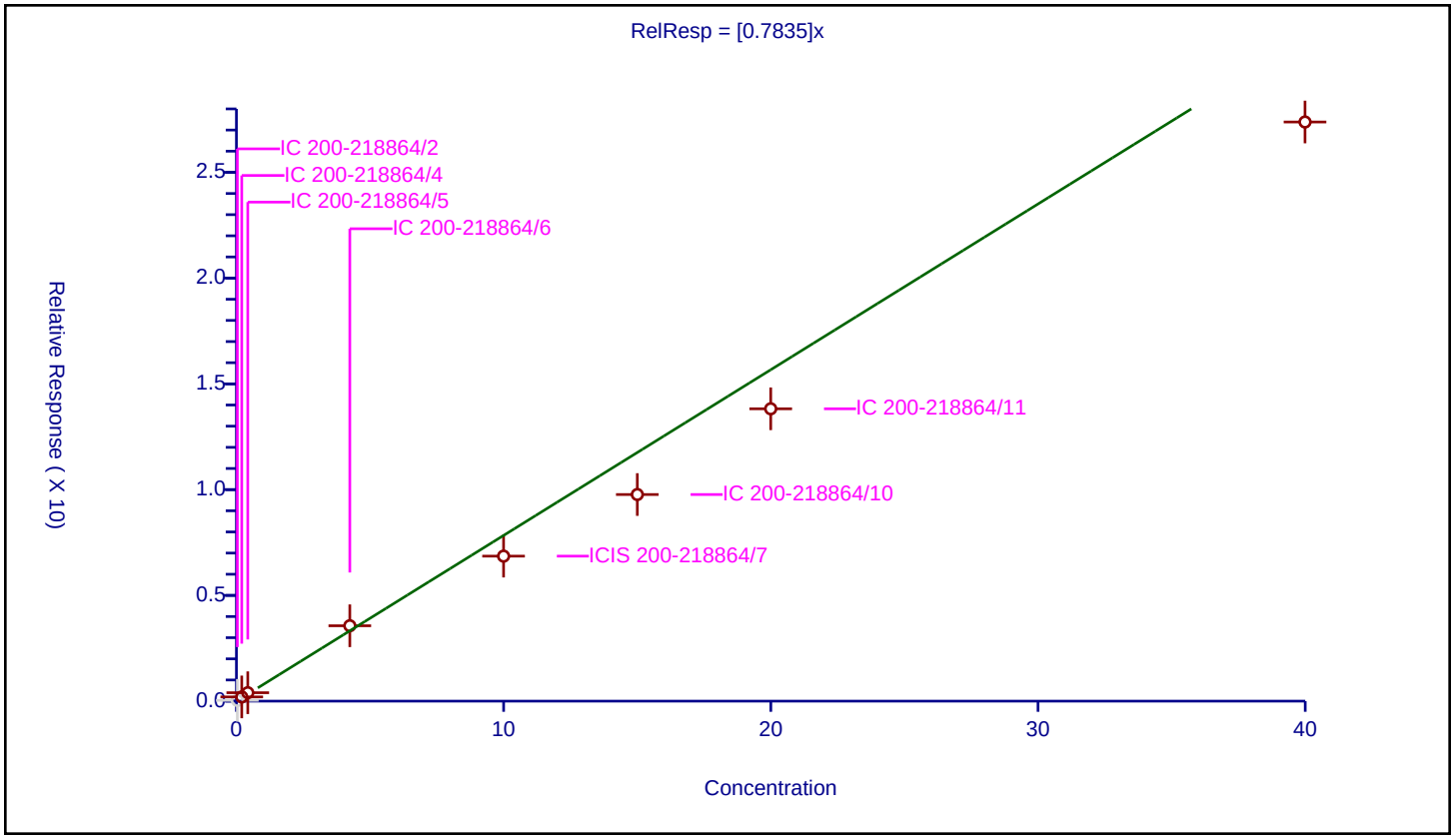
Curve Coefficients

Intercept:	0
Slope:	0.7835

Error Coefficients

Relative Standard Deviation:	17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.036886	10.0	3662619.0	1.052938	N
2	IC 200-218864/4	0.200181	0.19906	10.0	3538525.0	0.994402	Y
3	IC 200-218864/5	0.425385	0.398829	10.0	3711820.0	0.937572	Y
4	IC 200-218864/6	4.243678	3.563517	10.0	3453510.0	0.839724	Y
5	ICIS 200-218864/7	9.99806	6.855681	10.0	3581729.0	0.685701	Y
6	IC 200-218864/10	15.003557	9.768351	10.0	3616803.0	0.651069	Y
7	IC 200-218864/11	19.99612	13.821723	10.0	3649281.0	0.69122	Y
8	IC 200-218864/12	39.99224	27.38066	10.0	3741148.0	0.684649	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

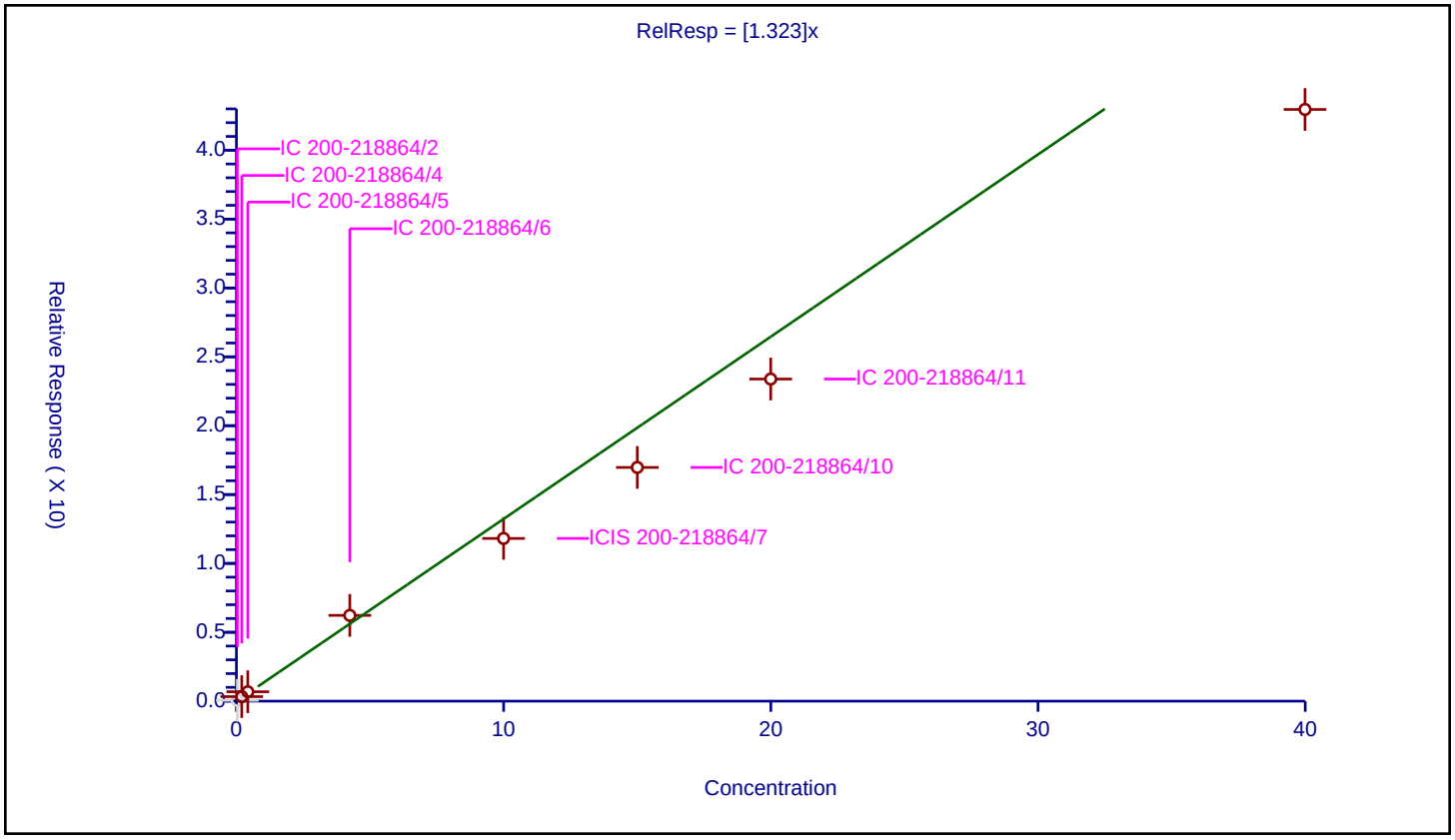
Curve Coefficients

Intercept:	0
Slope:	1.323

Error Coefficients

Relative Standard Deviation:	18.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.058638	10.0	3662619.0	1.673867	N
2	IC 200-218864/4	0.200181	0.327461	10.0	3538525.0	1.635826	Y
3	IC 200-218864/5	0.425385	0.681534	10.0	3711820.0	1.602158	Y
4	IC 200-218864/6	4.243678	6.226231	10.0	3453510.0	1.467178	Y
5	ICIS 200-218864/7	9.99806	11.813119	10.0	3581729.0	1.181541	Y
6	IC 200-218864/10	15.003557	16.968585	10.0	3616803.0	1.130971	Y
7	IC 200-218864/11	19.99612	23.386727	10.0	3649281.0	1.169563	Y
8	IC 200-218864/12	39.99224	42.958677	10.0	3741148.0	1.074175	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

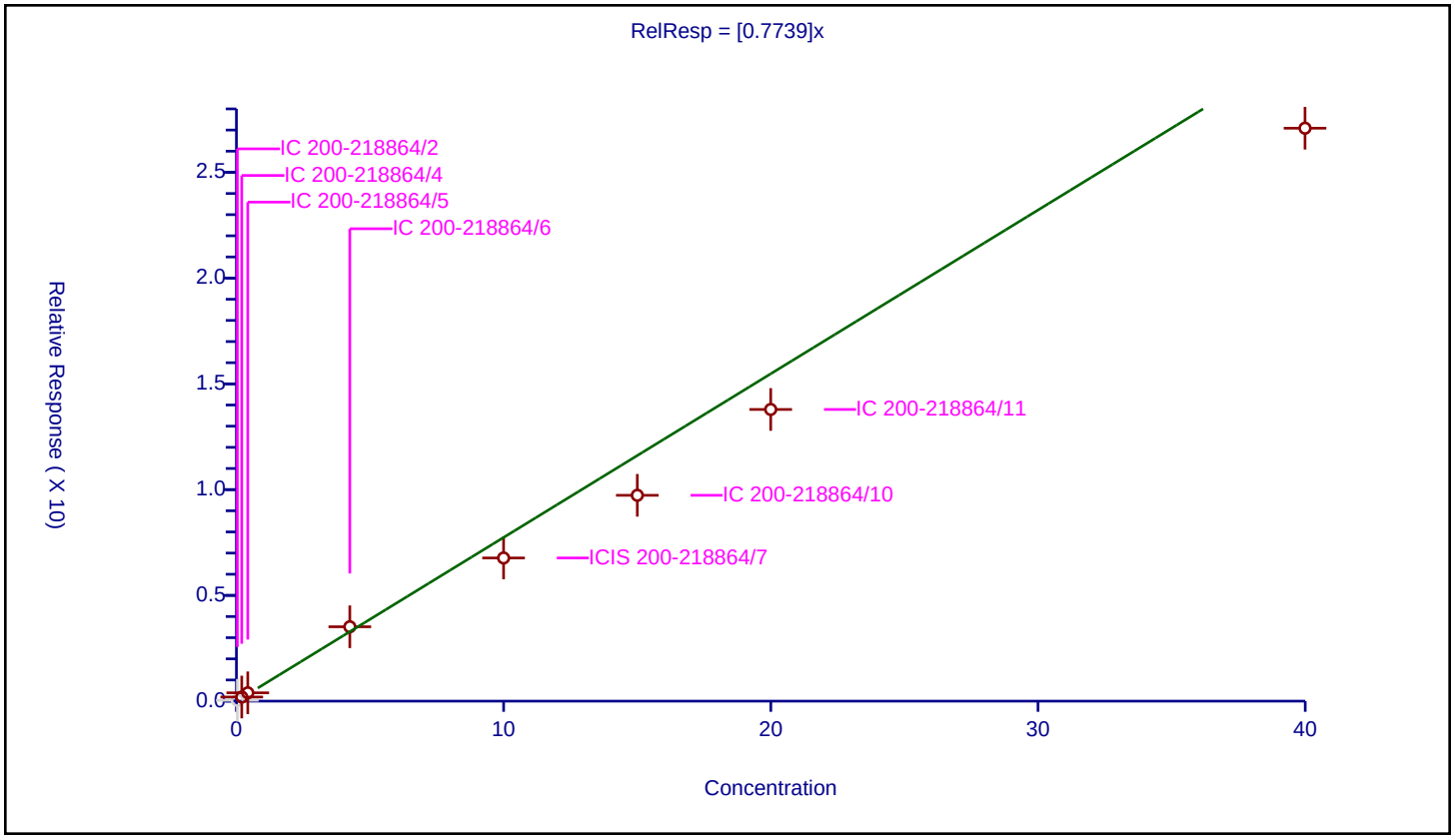
Curve Coefficients

Intercept:	0
Slope:	0.7739

Error Coefficients

Relative Standard Deviation:	17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.039251	10.0	3662619.0	1.120432	N
2	IC 200-218864/4	0.200181	0.194205	10.0	3538525.0	0.970148	Y
3	IC 200-218864/5	0.425385	0.394036	10.0	3711820.0	0.926305	Y
4	IC 200-218864/6	4.243678	3.515754	10.0	3453510.0	0.828468	Y
5	ICIS 200-218864/7	9.99806	6.768586	10.0	3581729.0	0.67699	Y
6	IC 200-218864/10	15.003557	9.731912	10.0	3616803.0	0.64864	Y
7	IC 200-218864/11	19.99612	13.789999	10.0	3649281.0	0.689634	Y
8	IC 200-218864/12	39.99224	27.086798	10.0	3741148.0	0.677301	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

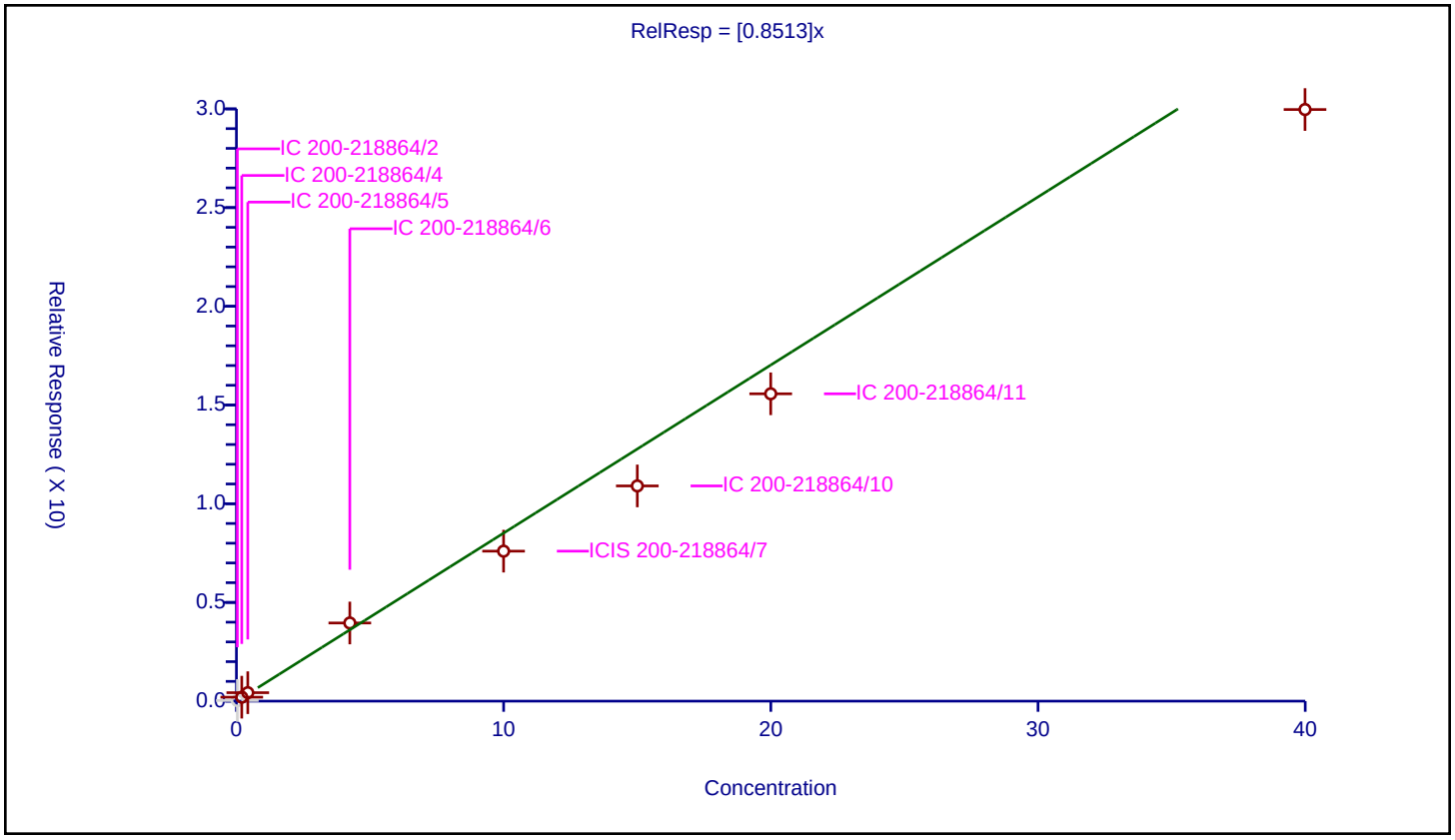
Curve Coefficients

Intercept:	0
Slope:	0.8513

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.032264	10.0	3662619.0	0.920989	N
2	IC 200-218864/4	0.200181	0.201005	10.0	3538525.0	1.004114	Y
3	IC 200-218864/5	0.425385	0.428782	10.0	3711820.0	1.007985	Y
4	IC 200-218864/6	4.243678	3.958683	10.0	3453510.0	0.932842	Y
5	ICIS 200-218864/7	9.99806	7.59766	10.0	3581729.0	0.759913	Y
6	IC 200-218864/10	15.003557	10.901014	10.0	3616803.0	0.726562	Y
7	IC 200-218864/11	19.99612	15.568856	10.0	3649281.0	0.778594	Y
8	IC 200-218864/12	39.99224	29.967542	10.0	3741148.0	0.749334	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

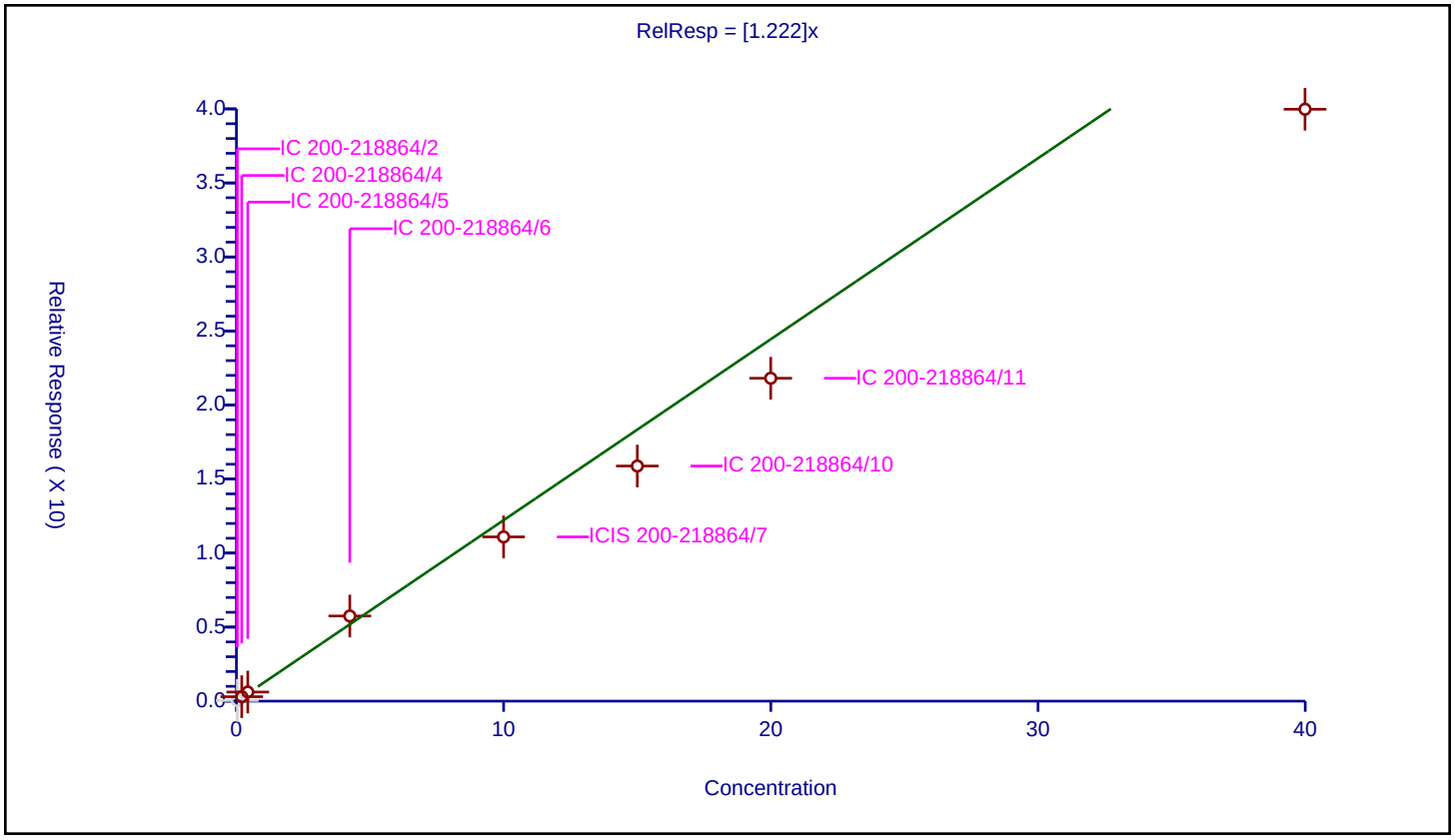
Curve Coefficients

Intercept:	0
Slope:	1.222

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.046631	10.0	3662619.0	1.331097	N
2	IC 200-218864/4	0.200181	0.300306	10.0	3538525.0	1.500172	Y
3	IC 200-218864/5	0.425385	0.613753	10.0	3711820.0	1.442818	Y
4	IC 200-218864/6	4.243678	5.749362	10.0	3453510.0	1.354806	Y
5	ICIS 200-218864/7	9.99806	11.091663	10.0	3581729.0	1.109382	Y
6	IC 200-218864/10	15.003557	15.879778	10.0	3616803.0	1.058401	Y
7	IC 200-218864/11	19.99612	21.807633	10.0	3649281.0	1.090593	Y
8	IC 200-218864/12	39.99224	39.976563	10.0	3741148.0	0.999608	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

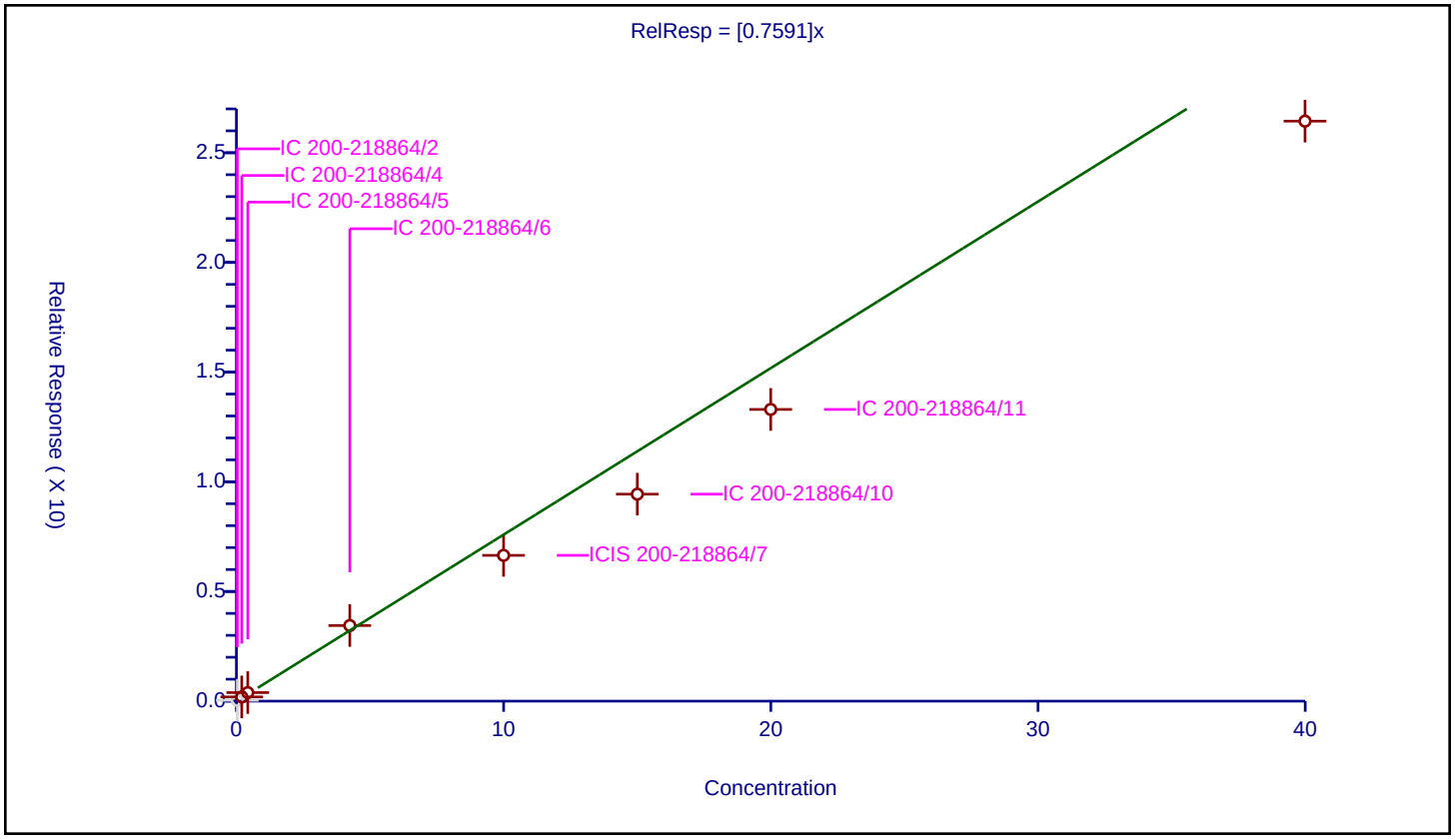
Curve Coefficients

Intercept:	0
Slope:	0.7591

Error Coefficients

Relative Standard Deviation:	18.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.038317	10.0	3662619.0	1.093777	N
2	IC 200-218864/4	0.200181	0.192795	10.0	3538525.0	0.963103	Y
3	IC 200-218864/5	0.425385	0.390851	10.0	3711820.0	0.918819	Y
4	IC 200-218864/6	4.243678	3.446039	10.0	3453510.0	0.812041	Y
5	ICIS 200-218864/7	9.99806	6.646402	10.0	3581729.0	0.664769	Y
6	IC 200-218864/10	15.003557	9.436408	10.0	3616803.0	0.628945	Y
7	IC 200-218864/11	19.99612	13.298639	10.0	3649281.0	0.665061	Y
8	IC 200-218864/12	39.99224	26.441761	10.0	3741148.0	0.661172	Y



Calibration / Undecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

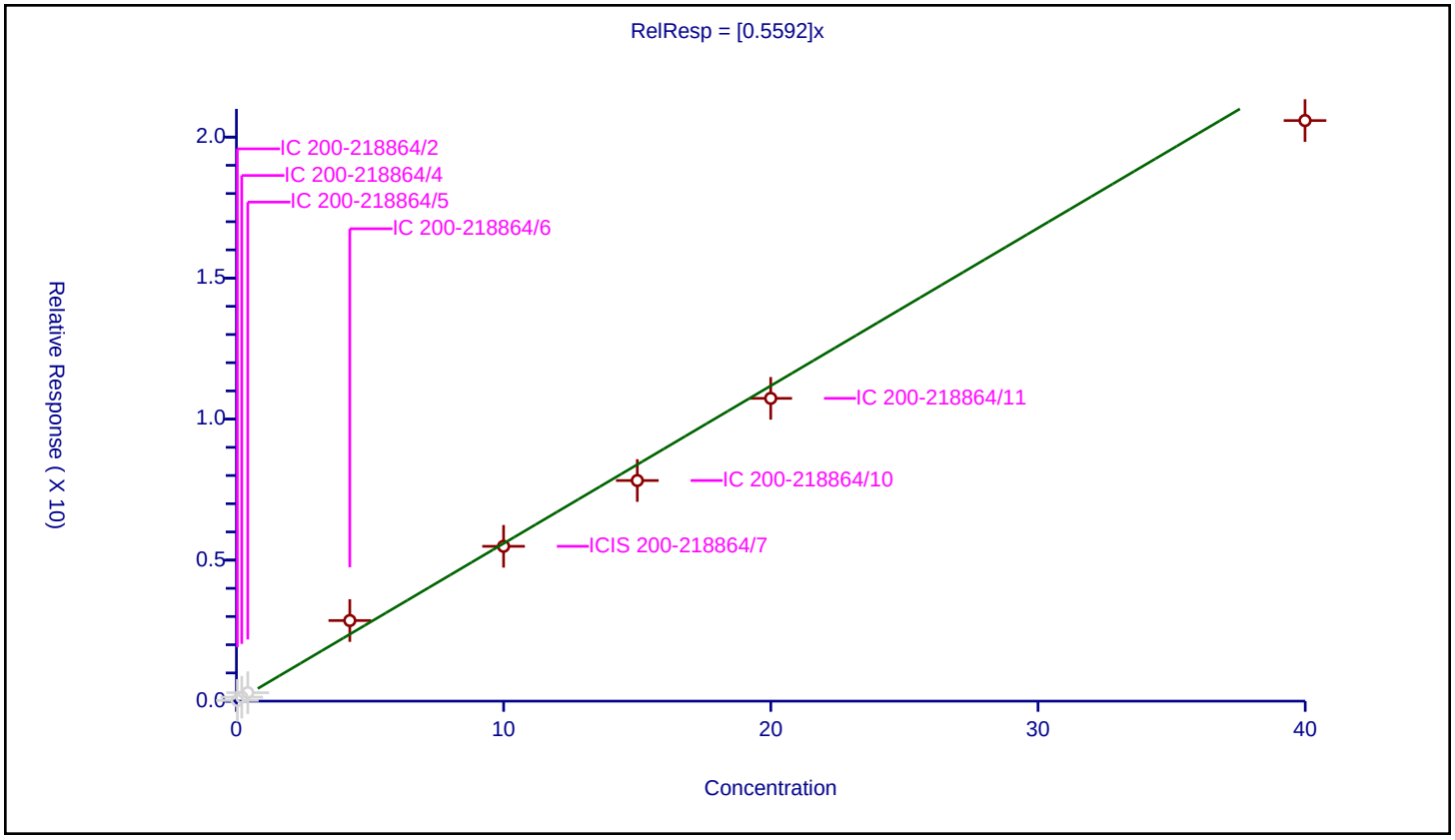
Curve Coefficients

Intercept:	0
Slope:	0.5592

Error Coefficients

Relative Standard Deviation:	11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.024357	10.0	3662619.0	0.695282	N
2	IC 200-218864/4	0.200181	0.140299	10.0	3538525.0	0.700858	N
3	IC 200-218864/5	0.425385	0.29856	10.0	3711820.0	0.701858	N
4	IC 200-218864/6	4.243678	2.858605	10.0	3453510.0	0.673615	Y
5	ICIS 200-218864/7	9.99806	5.490516	10.0	3581729.0	0.549158	Y
6	IC 200-218864/10	15.003557	7.82274	10.0	3616803.0	0.521392	Y
7	IC 200-218864/11	19.99612	10.736194	10.0	3649281.0	0.536914	Y
8	IC 200-218864/12	39.99224	20.586176	10.0	3741148.0	0.514754	Y



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Calibration / Dodecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

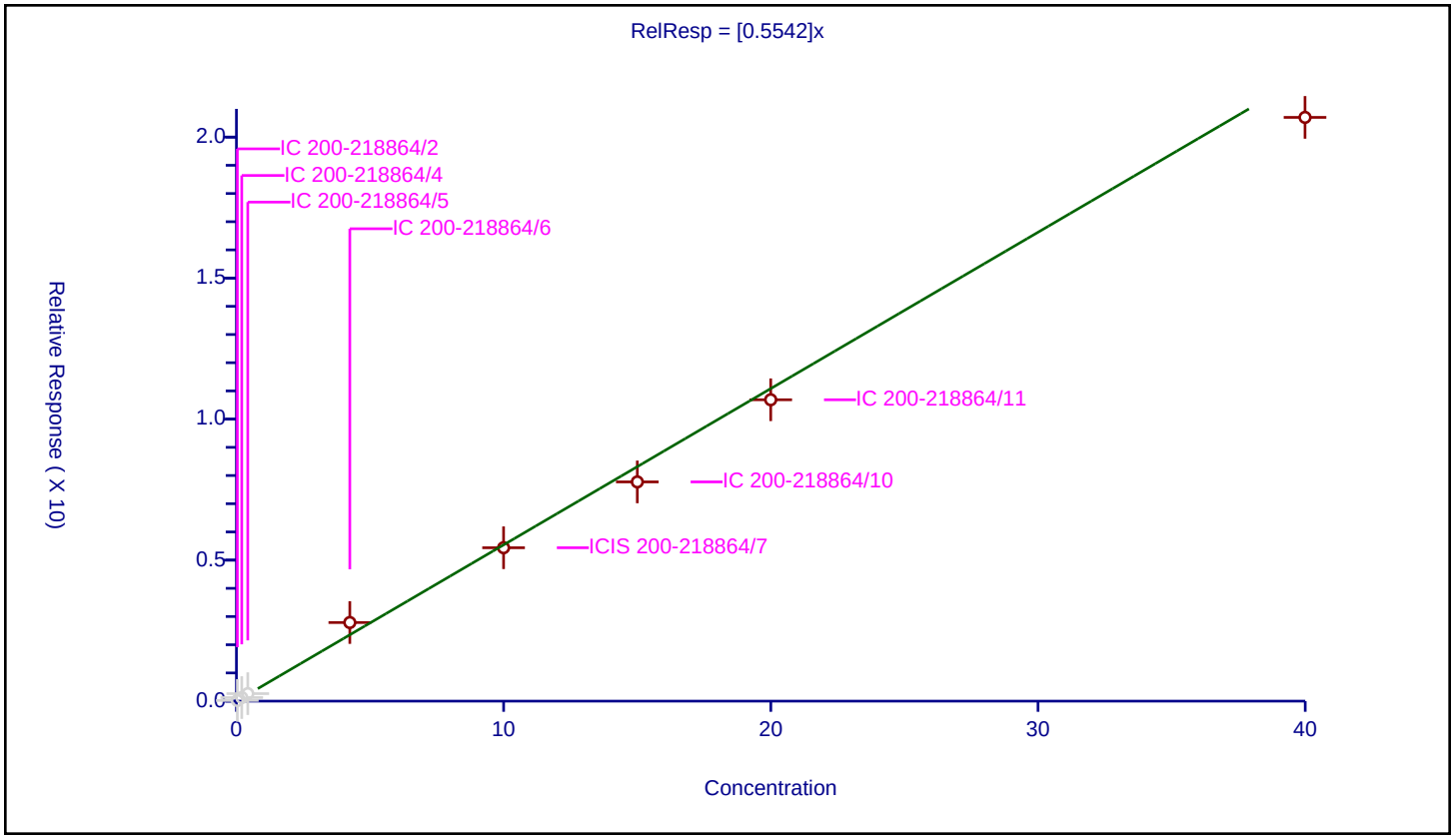
Curve Coefficients

Intercept:	0
Slope:	0.5542

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.035032	0.023131	10.0	3662619.0	0.660288	N
2	IC 200-218864/4	0.200181	0.126293	10.0	3538525.0	0.630893	N
3	IC 200-218864/5	0.425385	0.265546	10.0	3711820.0	0.62425	N
4	IC 200-218864/6	4.243678	2.787219	10.0	3453510.0	0.656793	Y
5	ICIS 200-218864/7	9.99806	5.439147	10.0	3581729.0	0.54402	Y
6	IC 200-218864/10	15.003557	7.773852	10.0	3616803.0	0.518134	Y
7	IC 200-218864/11	19.99612	10.686741	10.0	3649281.0	0.534441	Y
8	IC 200-218864/12	39.99224	20.698344	10.0	3741148.0	0.517559	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

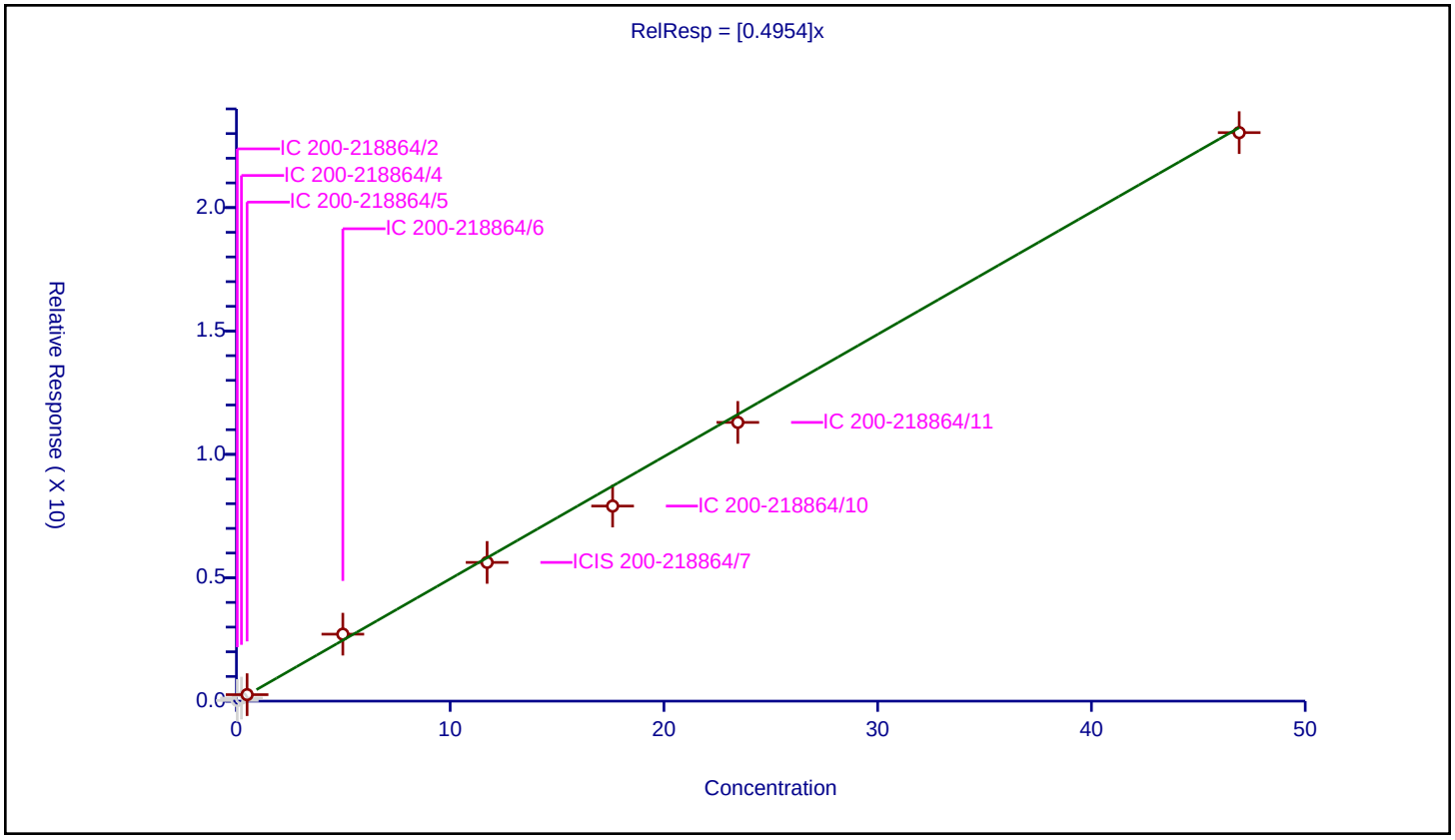
Curve Coefficients

Intercept:	0
Slope:	0.4954

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.041092	0.026566	10.0	3662619.0	0.64649	N
2	IC 200-218864/4	0.234812	0.123837	10.0	3538525.0	0.527387	N
3	IC 200-218864/5	0.498976	0.26261	10.0	3711820.0	0.526297	Y
4	IC 200-218864/6	4.977835	2.713387	10.0	3453510.0	0.545094	Y
5	ICIS 200-218864/7	11.727724	5.621679	10.0	3581729.0	0.47935	Y
6	IC 200-218864/10	17.599172	7.905283	10.0	3616803.0	0.449185	Y
7	IC 200-218864/11	23.455448	11.295853	10.0	3649281.0	0.481588	Y
8	IC 200-218864/12	46.910897	23.038174	10.0	3741148.0	0.491105	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

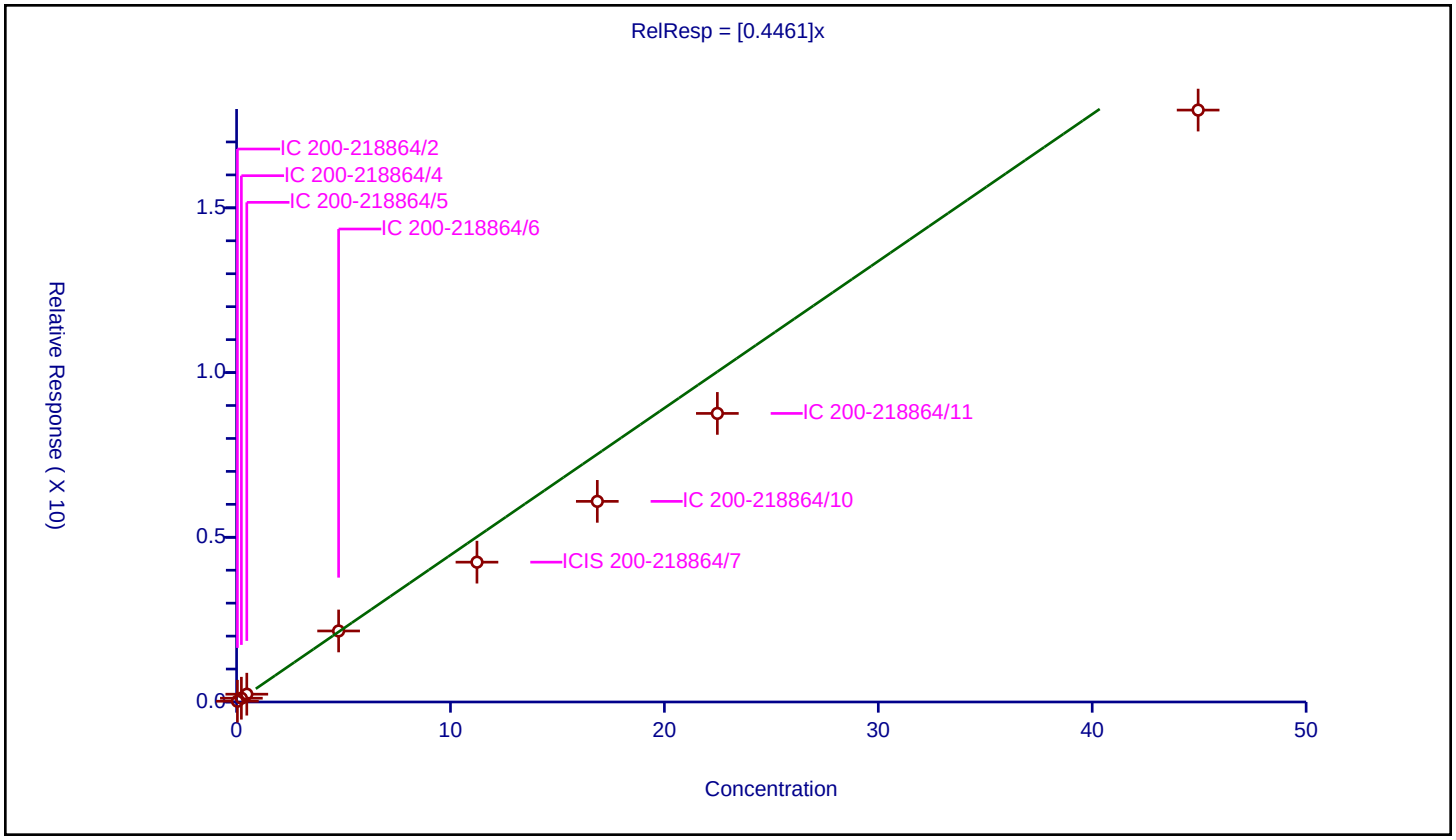
Curve Coefficients

Intercept:	0
Slope:	0.4461

Error Coefficients

Relative Standard Deviation:	17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.039376	0.02303	10.0	3662619.0	0.584879	Y
2	IC 200-218864/4	0.225003	0.114192	10.0	3538525.0	0.507511	Y
3	IC 200-218864/5	0.478132	0.237102	10.0	3711820.0	0.495892	Y
4	IC 200-218864/6	4.769895	2.156038	10.0	3453510.0	0.45201	Y
5	ICIS 200-218864/7	11.237819	4.244132	10.0	3581729.0	0.377665	Y
6	IC 200-218864/10	16.863998	6.090453	10.0	3616803.0	0.361151	Y
7	IC 200-218864/11	22.475639	8.759901	10.0	3649281.0	0.389751	Y
8	IC 200-218864/12	44.951277	17.967872	10.0	3741148.0	0.399719	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

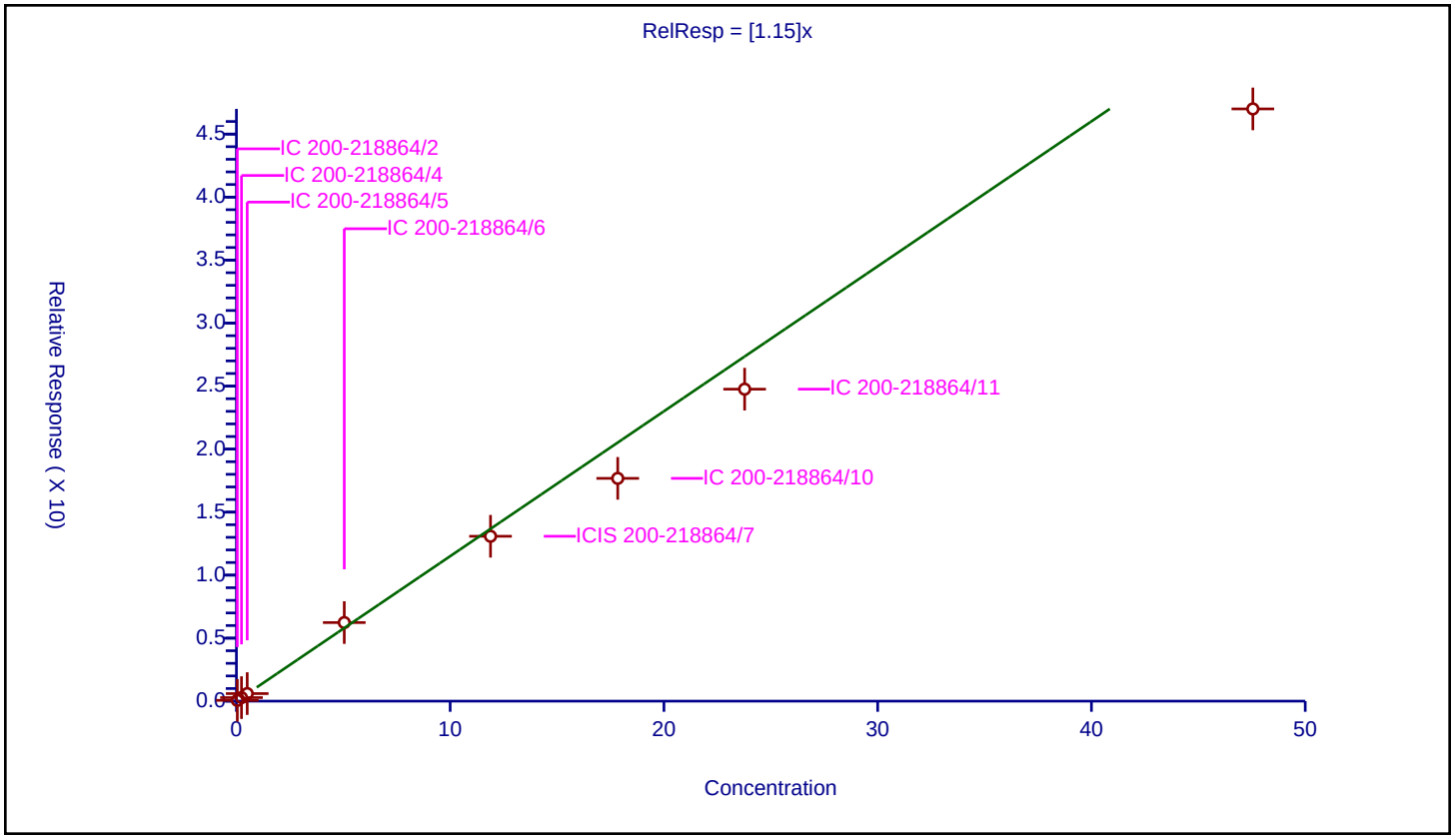
Curve Coefficients

Intercept:	0
Slope:	1.15

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.041653	0.062002	10.0	3662619.0	1.48855	Y
2	IC 200-218864/4	0.238015	0.279082	10.0	3538525.0	1.17254	Y
3	IC 200-218864/5	0.505782	0.598728	10.0	3711820.0	1.183766	Y
4	IC 200-218864/6	5.045734	6.236965	10.0	3453510.0	1.236087	Y
5	ICIS 200-218864/7	11.887693	13.084728	10.0	3581729.0	1.100695	Y
6	IC 200-218864/10	17.839229	17.679948	10.0	3616803.0	0.991071	Y
7	IC 200-218864/11	23.775386	24.758077	10.0	3649281.0	1.041332	Y
8	IC 200-218864/12	47.550773	46.998047	10.0	3741148.0	0.988376	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

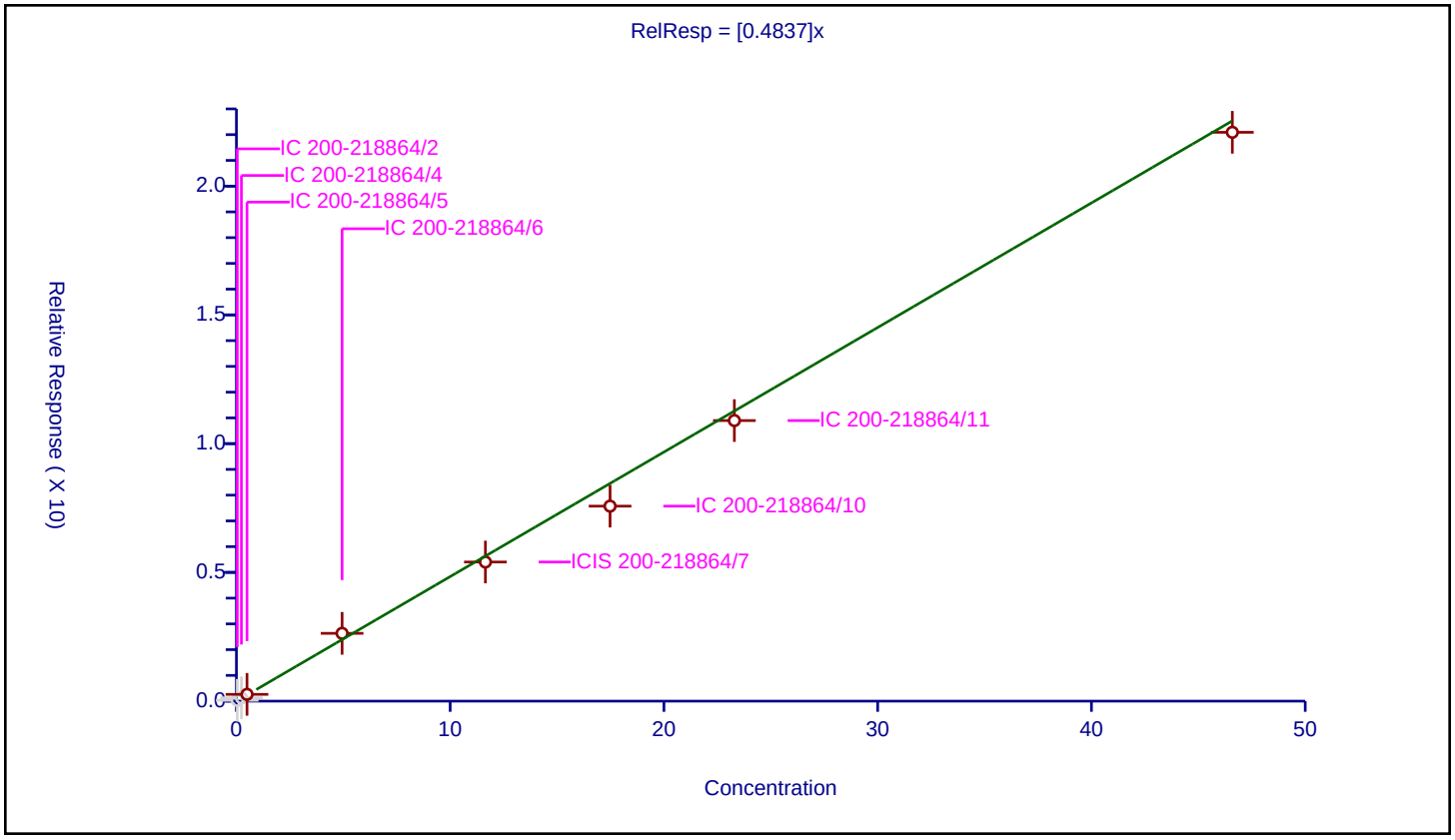
Curve Coefficients

Intercept:	0
Slope:	0.4837

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-218864/2	0.040812	0.031442	10.0	3662619.0	0.770412	N
2	IC 200-218864/4	0.233211	0.129455	10.0	3538525.0	0.555099	N
3	IC 200-218864/5	0.495573	0.262903	10.0	3711820.0	0.530504	Y
4	IC 200-218864/6	4.943885	2.633283	10.0	3453510.0	0.532634	Y
5	ICIS 200-218864/7	11.64774	5.40312	10.0	3581729.0	0.463877	Y
6	IC 200-218864/10	17.479144	7.572641	10.0	3616803.0	0.433239	Y
7	IC 200-218864/11	23.29548	10.895765	10.0	3649281.0	0.46772	Y
8	IC 200-218864/12	46.590959	22.091192	10.0	3741148.0	0.474152	Y



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FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 Calibration End Date: 08/12/2025 09:55 Calibration ID: 55766

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-219090/6	66295-06.d
Level 2	IC 200-219090/7	66295-07.d
Level 3	IC 200-219090/22	66295-22.d
Level 4	IC 200-219090/23	66295-23.d
Level 5	ICIS 200-219090/10	66295-10.d
Level 6	IC 200-219090/11	66295-11.d
Level 7	IC 200-219090/15	66295-15.d
Level 8	IC 200-219090/16	66295-16.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 1.0377	+++++ 1.0412	+++++ 0.9240	0.9833	0.9458	Ave		0.9864				5.4		30.0			
Dichlorodifluoromethane	+++++ 4.2485	+++++ 4.3180	4.1021 3.8018	4.3410	4.0626	Ave		4.1457				4.9		30.0			
Freon 22	+++++ 2.4346	+++++ 2.5174	2.3697 2.1783	2.3565	2.2275	Ave		2.3473				5.4		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 3.9883	3.7052 4.0833	3.5481 3.6195	3.7505	3.6113	Ave		3.7580				5.4		30.0			
Chloromethane	+++++ 1.1997	+++++ 1.2136	1.1873 1.0828	1.1676	1.0884	Ave		1.1566				4.9		30.0			
Vinyl chloride	2.1240 1.5843	1.5218 1.6205	1.4674 1.4293	1.5143	1.4515	Ave		1.5891				14.2		30.0			
n-Butane	+++++ 2.5169	+++++ 2.5615	2.6740 2.2533	2.3920	2.3000	Ave		2.4496				6.6		30.0			
1,3-Butadiene	2.1006 1.2685	1.3389 1.3336	1.3363 1.1622	1.1867	1.1703	Ave		1.3621				22.6		30.0			
Bromomethane	+++++ 1.2300	1.0540 1.2568	1.2063 1.1198	1.1561	1.1251	Ave		1.1640				6.1		30.0			
Chloroethane	+++++ 0.7051	+++++ 0.7091	0.7539 0.6340	0.6837	0.6316	Ave		0.6862				6.9		30.0			
Isopentane	+++++ 1.5644	1.5081 1.5637	1.5411 1.3828	1.4450	1.4092	Ave		1.4878				5.1		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.2858	1.3489 1.3088	1.1539 1.1665	1.1929	1.1653	Ave		1.2317				6.5		30.0			
Trichlorofluoromethane	+++++ 4.6719	4.3760 4.9577	4.3303 4.3099	4.4479	4.2287	Ave		4.4746				5.7		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 Calibration End Date: 08/12/2025 09:55 Calibration ID: 55766

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 2.3645	+++++ 2.4061	2.0223 2.1466	2.2599	2.1474	Ave		2.2245				6.6		30.0			
Ethanol	+++++ 0.7076	+++++ 0.6981	0.3538 0.6480	0.5616	0.6343	Ave		0.6006				21.9		30.0			
Ethyl ether	+++++ 1.0066	0.8345 1.0364	0.7138 0.9303	0.9355	0.9172	Ave		0.9106				11.9		30.0			
Acrolein	+++++ 0.5018	+++++ 0.5105	+++++ 0.4056	0.4063	0.4455	Ave		0.4540				11.1		30.0			
1,1-Dichloroethene	1.3542 1.4028	1.3777 1.4190	1.3614 1.2696	1.2986	1.2641	Ave		1.3434				4.4		30.0			
Freon TF	+++++ 3.2273	3.1624 3.3212	2.8264 2.9510	3.0421	2.9382	Ave		3.0669				5.8		30.0			
Acetone	+++++ 2.3949	+++++ 2.4712	+++++ 2.2077	2.1656	2.1547	Ave		2.2788				6.4		30.0			
Isopropyl alcohol	+++++ 2.3143	+++++ 2.3385	+++++ 2.0569	2.0698	2.1116	Ave		2.1782				6.3		30.0			
Carbon disulfide	+++++ 3.6532	+++++ 3.7318	3.2695 3.3349	3.3902	3.3246	Ave		3.4507				5.6		30.0			
Acetonitrile	+++++ 0.9841	+++++ 1.0096	+++++ 0.9116	0.8993	0.9052	Ave		0.9420				5.4		30.0			
3-Chloropropene	+++++ 1.6507	1.3142 1.6710	1.8087 1.4992	1.5534	1.5165	Ave		1.5734				10.0		30.0			
Methylene Chloride	+++++ 1.6789	+++++ 1.7461	1.8041 1.5472	1.5950	1.5382	Ave		1.6516				6.6		30.0			
tert-Butyl alcohol	+++++ 3.4027	+++++ 3.4863	+++++ 3.0899	3.1070	3.1057	Ave		3.2383				5.9		30.0			
Acrylonitrile	+++++ 0.9913	+++++ 1.0204	0.9873 0.9262	0.8688	0.8909	Ave		0.9475				6.4		30.0			
trans-1,2-Dichloroethene	+++++ 2.1394	1.9388 2.2266	1.9709 1.9796	2.0128	1.9750	Ave		2.0347				5.2		30.0			
Methyl tert-butyl ether	+++++ 4.5919	4.1904 4.7566	3.9043 4.2451	4.2362	4.1504	Ave		4.2964				6.7		30.0			
n-Hexane	+++++ 2.2843	2.2159 2.3149	1.9326 2.0977	2.1312	2.0788	Ave		2.1508				6.2		30.0			
1,1-Dichloroethane	3.1178 2.6799	2.5314 2.7653	2.2964 2.4557	2.5420	2.4275	Ave		2.6020				9.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 Calibration End Date: 08/12/2025 09:55 Calibration ID: 55766

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	+++++ 3.0407	+++++ 3.1098	+++++ 2.9338	2.5275	2.5836	Ave		2.8391				9.4		30.0			
Methyl Ethyl Ketone	+++++ 0.6841	+++++ 0.7113	0.4790 0.6307	0.6204	0.6220	Ave		0.6246				12.9		30.0			
cis-1,2-Dichloroethene	1.8809 1.5406	1.4651 1.5586	1.3986 1.3907	1.4401	1.4017	Ave		1.5095				10.8		30.0			
Ethyl acetate	+++++ 0.1369	+++++ 0.1372	+++++ 0.1290	0.1195	0.1241	Ave		0.1294				6.0		30.0			
Tetrahydrofuran	+++++ 0.3116	+++++ 0.3142	+++++ 0.2973	0.2767	0.2794	Ave		0.2958				5.9		30.0			
Chloroform	+++++ 3.3871	3.0778 3.5180	2.9529 3.0959	3.1515	3.0578	Ave		3.1773				6.3		30.0			
1,1,1-Trichloroethane	+++++ 0.7879	0.7009 0.8113	0.6847 0.7645	0.7120	0.7065	Ave		0.7383				6.6		30.0			
Cyclohexane	+++++ 0.3792	0.3581 0.3864	0.3345 0.3641	0.3419	0.3386	Ave		0.3575				5.7		30.0			
Carbon tetrachloride	0.7045 0.8478	0.7317 0.8765	0.6771 0.8207	0.7552	0.7608	Ave		0.7718				9.1		30.0			
Benzene	+++++ 0.8308	0.7929 0.8400	0.7475 0.8028	0.7480	0.7393	Ave		0.7859				5.3		30.0			
1,2-Dichloroethane	+++++ 0.4860	0.4564 0.5033	0.4463 0.4790	0.4544	0.4330	Ave		0.4655				5.3		30.0			
2,2,4-Trimethylpentane	+++++ 1.4372	1.3026 1.4640	1.2448 1.3920	1.2960	1.2930	Ave		1.3471				6.2		30.0			
n-Heptane	+++++ 0.5005	0.4877 0.5093	0.4438 0.4840	0.4466	0.4495	Ave		0.4745				5.8		30.0			
n-Butanol	+++++ 0.2138	+++++ 0.2182	+++++ 0.2097	0.1698	0.1920	Ave		0.2007				9.9		30.0			
Trichloroethene	0.4326 0.4186	0.3936 0.4268	0.3616 0.4101	0.3686	0.3714	Ave		0.3979				7.1		30.0			
1,2-Dichloropropane	+++++ 0.3157	0.3087 0.3126	0.2653 0.3044	0.2729	0.2789	Ave		0.2940				7.1		30.0			
Methyl methacrylate	+++++ 0.3092	+++++ 0.3180	0.2101 0.3120	0.2639	0.2752	Ave		0.2814				14.6		30.0			
1,4-Dioxane	+++++ 0.1764	0.1320 0.1771	0.1351 0.1617	0.1624	0.1553	Ave		0.1571				11.5		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 Calibration End Date: 08/12/2025 09:55 Calibration ID: 55766

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	+++++ 0.4132	0.3942 0.4207	0.3558 0.4180	0.3685	0.3654	Ave		0.3908				7.0		30.0			
Bromodichloromethane	+++++ 0.7459	0.6567 0.7664	0.6126 0.7156	0.6616	0.6672	Ave		0.6894				8.0		30.0			
cis-1,3-Dichloropropene	+++++ 0.5669	0.5001 0.5777	0.4618 0.5553	0.4971	0.5009	Ave		0.5228				8.3		30.0			
methyl isobutyl ketone	+++++ 0.6910	+++++ 0.7152	0.5316 0.6828	0.5957	0.6203	Ave		0.6394				10.9		30.0			
Toluene	+++++ 0.7444	0.7151 0.7546	0.6169 0.6962	0.6532	0.6565	Ave		0.6910				7.4		30.0			
n-Octane	+++++ 0.7009	0.6578 0.7217	0.6168 0.6862	0.6326	0.6304	Ave		0.6637				6.0		30.0			
trans-1,3-Dichloropropene	+++++ 0.4927	0.3991 0.5001	0.4007 0.4872	0.4269	0.4372	Ave		0.4491				9.7		30.0			
1,1,2-Trichloroethane	+++++ 0.3438	0.2893 0.3466	0.3163 0.3188	0.2976	0.3041	Ave		0.3166				6.9		30.0			
Tetrachloroethene	0.7380 0.7064	0.6281 0.7275	0.6055 0.6623	0.6146	0.6257	Ave		0.6635				8.0		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.7666	+++++ 0.7918	0.4183 0.7363	0.6404	0.6837	Ave		0.6728				20.3		30.0			
Dibromochloromethane	+++++ 0.9097	0.7529 0.9278	0.7502 0.7983	0.7668	0.7902	Ave		0.8137				9.1		30.0			
1,2-Dibromoethane	+++++ 0.7122	0.6074 0.7186	0.6004 0.6559	0.5945	0.6191	Ave		0.6440				8.2		30.0			
Chlorobenzene	+++++ 1.0407	1.0170 1.0636	0.9250 0.9799	0.9019	0.9160	Ave		0.9777				6.6		30.0			
Ethylbenzene	+++++ 1.7851	1.5617 1.8132	1.5011 1.6721	1.5439	1.5670	Ave		1.6349				7.6		30.0			
m,p-Xylene	+++++ 0.6724	0.5865 0.6860	0.5513 0.6353	0.5795	0.5897	Ave		0.6144				8.3		30.0			
n-Nonane	+++++ 0.7893	0.6695 0.8100	0.6523 0.7554	0.6858	0.6985	Ave		0.7230				8.5		30.0			
Xylene, o-	+++++ 0.6409	0.5675 0.6513	0.5282 0.6053	0.5681	0.5655	Ave		0.5895				7.6		30.0			
Styrene	+++++ 1.0961	0.8704 1.1154	0.9114 1.0324	0.9300	0.9510	Ave		0.9867				9.6		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 Calibration End Date: 08/12/2025 09:55 Calibration ID: 55766

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromoform	+++++ 0.8675	0.7145 0.8945	0.7114 0.6635	0.7336	0.7461	Ave		0.7616				11.3		30.0			
Cumene	+++++ 2.1260	1.8372 2.1737	1.8038 2.0014	1.8262	1.8596	Ave		1.9468				7.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8917	0.8658 0.9022	0.8131 0.8206	0.7730	0.7823	Ave		0.8355				6.2		30.0			
1,2,3-Trichloropropane	+++++ 0.7456	+++++ 0.7590	0.6809 0.6966	0.6413	0.6524	Ave		0.6960				6.9		30.0			
n-Propylbenzene	+++++ 2.4636	2.1104 2.5227	2.1012 2.3126	2.1184	2.1633	Ave		2.2560				7.9		30.0			
2-Chlorotoluene	+++++ 1.7339	1.6341 1.7802	1.5786 1.6531	1.4989	1.5119	Ave		1.6272				6.5		30.0			
4-Ethyltoluene	+++++ 2.0812	1.6823 2.1599	1.7973 1.9898	1.7904	1.8355	Ave		1.9052				9.2		30.0			
1,3,5-Trimethylbenzene	+++++ 1.8092	1.6972 1.8723	1.5639 1.7617	1.5502	1.5959	Ave		1.6929				7.5		30.0			
n-Decane	+++++ 1.0537	+++++ 1.0836	0.8336 1.0172	0.8736	0.9233	Ave		0.9642				10.6		30.0			
Alpha Methyl Styrene	+++++ 0.9079	0.7374 0.9316	0.7799 0.8674	0.7723	0.8046	Ave		0.8288				8.9		30.0			
tert-Butylbenzene	+++++ 1.7679	1.5722 1.8257	1.5453 1.6849	1.4996	1.5626	Ave		1.6369				7.6		30.0			
1,2,4-Trimethylbenzene	+++++ 1.8037	1.5977 1.8545	1.6399 1.7188	1.5343	1.5944	Ave		1.6776				7.1		30.0			
sec-Butylbenzene	+++++ 2.6087	2.2738 2.6734	2.2552 2.4633	2.2311	2.3056	Ave		2.4016				7.5		30.0			
1,3-Dichlorobenzene	+++++ 1.2057	1.0821 1.2418	1.1400 1.1479	1.0372	1.0594	Ave		1.1306				6.7		30.0			
4-Isopropyltoluene	+++++ 2.3459	2.0305 2.4385	2.0194 2.2571	1.9890	2.0734	Ave		2.1648				8.3		30.0			
1,4-Dichlorobenzene	+++++ 1.1931	1.1275 1.2432	1.1010 1.1304	1.0121	1.0587	Ave		1.1237				6.9		30.0			
Benzyl chloride	+++++ 1.5357	1.3311 1.5815	1.4363 1.4645	1.3447	1.3960	Ave		1.4414				6.5		30.0			
n-Butylbenzene	+++++ 2.1063	1.7925 2.1700	1.7743 1.9880	1.7697	1.8627	Ave		1.9234				8.6		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 Calibration End Date: 08/12/2025 09:55 Calibration ID: 55766

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 1.1304	1.1012 1.1606	1.1269 1.0624	0.9777	1.0146	Ave		1.0820				6.2		30.0			
n-Undecane	+++++ 1.1872	+++++ 1.1994	+++++ 1.1238	0.9624	1.0389	Ave		1.1023				9.1		30.0			
n-Dodecane	+++++ 1.1268	+++++ 1.1535	+++++ 1.0744	0.9498	1.0326	Ave		1.0674				7.6		30.0			
1,2,4-Trichlorobenzene	+++++ 0.8975	+++++ 0.9105	1.1779 0.8414	0.7141	0.7929	Ave		0.8890				17.9		30.0			
Hexachlorobutadiene	+++++ 0.9869	1.1831 1.0054	1.2517 0.9344	0.8391	0.8723	Ave		1.0104				15.3		30.0			
Naphthalene	+++++ 1.7748	2.4478 1.8230	2.9982 1.6852	1.5053	1.6743	Ave		1.9869				27.0		30.0			
1,2,3-Trichlorobenzene	+++++ 0.8509	+++++ 0.8565	1.4399 0.7859	0.7160	0.7528	Ave		0.9003				30.0		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-78914-1 | Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 | Calibration End Date: 08/12/2025 09:55 | Calibration ID: 55766

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-219090/6	66295-06.d
Level 2	IC 200-219090/7	66295-07.d
Level 3	IC 200-219090/22	66295-22.d
Level 4	IC 200-219090/23	66295-23.d
Level 5	ICIS 200-219090/10	66295-10.d
Level 6	IC 200-219090/11	66295-11.d
Level 7	IC 200-219090/15	66295-15.d
Level 8	IC 200-219090/16	66295-16.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 169133	+++++ 214295	+++++ 440021	51805	116641	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.25	10.00
Dichlorodifluoromethane	BCM	Ave	+++++ 692460	+++++ 888707	20757 1810462	228695	501004	+++++ 15.0	+++++ 20.0	0.425 40.0	4.25	10.00
Freon 22	BCM	Ave	+++++ 396824	+++++ 518116	11991 1037340	124146	274692	+++++ 15.0	+++++ 20.0	0.425 40.0	4.25	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 650057	8103 840397	17954 1723660	197589	445354	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Chloromethane	BCM	Ave	+++++ 195543	+++++ 249777	6008 515657	61511	134228	+++++ 15.0	+++++ 20.0	0.425 40.0	4.25	10.00
Vinyl chloride	BCM	Ave	996 258226	3328 333525	7425 680661	79777	179005	0.0351 15.0	0.170 20.0	0.425 40.0	4.25	10.00
n-Butane	BCM	Ave	+++++ 410231	+++++ 527196	13531 1073063	126020	283638	+++++ 15.0	+++++ 20.0	0.425 40.0	4.25	10.00
1,3-Butadiene	BCM	Ave	985 206760	2928 274473	6762 553440	62518	144319	0.0351 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Bromomethane	BCM	Ave	+++++ 200478	2305 258673	6104 533282	60908	138750	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Chloroethane	BCM	Ave	+++++ 114927	+++++ 145945	3815 301918	36017	77885	+++++ 15.0	+++++ 20.0	0.425 40.0	4.25	10.00
Isopentane	BCM	Ave	+++++ 254985	3298 321836	7798 658517	76128	173788	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 209571	2950 269376	5839 555494	62846	143708	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Trichlorofluoromethane	BCM	Ave	+++++ 761476	9570 1020363	21912 2052407	234327	521485	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
n-Pentane	BCM	Ave	+++++ 385400	+++++ 495209	10233 1022222	119056	264819	+++++ 15.0	+++++ 20.0	0.425 40.0	4.25	10.00
Ethanol	BCM	Ave	+++++ 154114	+++++ 287412	17927 771482	44402	117382	+++++ 20.0	+++++ 40.0	4.26 100.0	6.38	15.0

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-78914-1 | Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 | Calibration End Date: 08/12/2025 09:55 | Calibration ID: 55766

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	+++++ 164069	1825 213308	3612 443035	49283	113111	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Acrolein	BCM	Ave	+++++ 95768	+++++ 123041	+++++ 226173	25068	64339	+++++ 17.6	+++++ 23.4	+++++ 46.8	4.98	11.7
1,1-Dichloroethene	BCM	Ave	635 228640	3013 292048	6889 604619	68413	155885	0.0351 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Freon TF	BCM	Ave	+++++ 526020	6916 683541	14302 1405278	160268	362348	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Acetone	BCM	Ave	+++++ 390353	+++++ 508613	+++++ 1051326	114089	265725	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.25	10.00
Isopropyl alcohol	BCM	Ave	+++++ 437189	+++++ 557826	+++++ 1135247	126384	301816	+++++ 17.4	+++++ 23.2	+++++ 46.4	4.92	11.6
Carbon disulfide	BCM	Ave	+++++ 595438	+++++ 768066	16544 1588103	178606	409989	+++++ 15.0	+++++ 20.0	0.425 40.0	4.25	10.00
Acetonitrile	BCM	Ave	+++++ 160405	+++++ 207795	+++++ 434110	47378	111630	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.25	10.00
3-Chloropropene	BCM	Ave	+++++ 269046	2874 343909	9152 713955	81837	187016	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Methylene Chloride	BCM	Ave	+++++ 273645	+++++ 359366	9129 736814	84028	189694	+++++ 15.0	+++++ 20.0	0.425 40.0	4.25	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 554606	+++++ 717535	+++++ 1471460	163688	383000	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.25	10.00
Acrylonitrile	BCM	Ave	+++++ 161573	+++++ 210017	4996 441050	45772	109871	+++++ 15.0	+++++ 20.0	0.425 40.0	4.25	10.00
trans-1,2-Dichloroethene	BCM	Ave	+++++ 348700	4240 458265	9973 942701	106041	243553	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 748444	9164 978970	19756 2021574	223173	511835	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
n-Hexane	BCM	Ave	+++++ 372326	4846 476436	9779 998940	112279	256354	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
1,1-Dichloroethane	BCM	Ave	1462 436804	5536 569140	11620 1169456	133918	299368	0.0351 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Vinyl acetate	BCM	Ave	+++++ 564494	+++++ 729000	+++++ 1591299	151662	362900	+++++ 17.1	+++++ 22.8	+++++ 45.6	4.84	11.4
Methyl Ethyl Ketone	BCM	Ave	+++++ 111509	+++++ 146402	2424 300331	32684	76703	+++++ 15.0	+++++ 20.0	0.425 40.0	4.25	10.00
cis-1,2-Dichloroethene	BCM	Ave	882 251110	3204 320782	7077 662288	75869	172863	0.0351 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Ethyl acetate	BCM	Ave	+++++ 22318	+++++ 28246	+++++ 61455	6298	15310	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.25	10.00
Tetrahydrofuran	DFBZ	Ave	+++++	+++++	+++++	76824	178984	+++++	+++++	+++++	4.25	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 Calibration End Date: 08/12/2025 09:55 Calibration ID: 55766

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			260054	335813	688135			15.0	20.0	40.0		
Chloroform	BCM	Ave	+++++ 552060	6731 724049	14942 1474321	166032	377088	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 657687	8036 867099	18320 1769524	197722	452599	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Cyclohexane	DFBZ	Ave	+++++ 316537	4106 412943	8949 842595	94943	216888	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Carbon tetrachloride	DFBZ	Ave	1731 707679	8389 936786	18116 1899384	209694	487381	0.0351 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Benzene	DFBZ	Ave	+++++ 693501	9091 897795	20000 1858050	207715	473593	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
1,2-Dichloroethane	DFBZ	Ave	+++++ 405662	5233 537882	11940 1108705	126186	277352	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 1199653	14935 1564660	33305 3221793	359877	828269	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
n-Heptane	DFBZ	Ave	+++++ 417789	5592 544299	11874 1120147	124008	287975	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
n-Butanol	DFBZ	Ave	+++++ 178483	+++++ 233173	+++++ 485240	47161	122993	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.25	10.00
Trichloroethene	DFBZ	Ave	1063 349435	4513 456152	9676 949177	102366	237907	0.0351 15.0	0.170 20.0	0.425 40.0	4.25	10.00
1,2-Dichloropropane	DFBZ	Ave	+++++ 263484	3539 334139	7098 704473	75766	178630	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Methyl methacrylate	DFBZ	Ave	+++++ 258078	+++++ 339911	5621 722206	73290	176268	+++++ 15.0	+++++ 20.0	0.425 40.0	4.25	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 147246	1513 189327	3615 374335	45095	99481	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Dibromomethane	DFBZ	Ave	+++++ 344912	4520 449650	9519 967427	102312	234089	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 622646	7530 819063	16391 1656120	183719	427420	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 473226	5734 617422	12357 1285123	138041	320848	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
methyl isobutyl ketone	DFBZ	Ave	+++++ 576790	+++++ 764349	14223 1580380	165415	397389	+++++ 15.0	+++++ 20.0	0.425 40.0	4.25	10.00
Toluene	CBNZd5	Ave	+++++ 530715	7098 692327	14358 1447302	158764	366727	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
n-Octane	DFBZ	Ave	+++++ 585011	7542 771317	16502 1588173	175655	403823	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	+++++	4576	10722	118540	280093	+++++	0.170	0.425	4.25	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-78914-1 | Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 | Calibration End Date: 08/12/2025 09:55 | Calibration ID: 55766

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			411286	534530	1127601			15.0	20.0	40.0		
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 245144	2872 317964	7362 662847	72333	169864	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Tetrachloroethene	CBNZd5	Ave	1545 503634	6235 667533	14094 1376848	149382	349487	0.0351 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZd5	Ave	+++++ 546527	+++++ 726444	9736 1530790	155663	381923	+++++ 15.0	+++++ 20.0	0.425 40.0	4.25	10.00
Dibromochloromethane	CBNZd5	Ave	+++++ 648533	7473 851265	17461 1659675	186377	441371	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
1,2-Dibromoethane	CBNZd5	Ave	+++++ 507747	6029 659286	13974 1363632	144498	345808	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Chlorobenzene	CBNZd5	Ave	+++++ 741997	10095 975867	21530 2037245	219228	511649	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Ethylbenzene	CBNZd5	Ave	+++++ 1272663	15502 1663603	34940 3476127	375266	875293	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
m,p-Xylene	CBNZd5	Ave	+++++ 958817	11643 1258884	25665 2641474	281720	658762	+++++ 30.0	0.341 40.0	0.851 80.0	8.50	20.0
n-Nonane	CBNZd5	Ave	+++++ 562703	6646 743224	15182 1570329	166705	390149	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Xylene, o-	CBNZd5	Ave	+++++ 456903	5633 597617	12294 1258470	138083	315883	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Styrene	CBNZd5	Ave	+++++ 781495	8640 1023380	21215 2146371	226067	531236	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Bromoform	CBNZd5	Ave	+++++ 618467	7092 820712	16559 1379330	178314	416736	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
Cumene	CBNZd5	Ave	+++++ 1515749	18236 1994364	41986 4160866	443891	1038732	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
1,1,2,2-Tetrachloroethane	CBNZd5	Ave	+++++ 635723	8594 827738	18926 1705972	187902	436987	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 Calibration End Date: 08/12/2025 09:55 Calibration ID: 55766

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,3-Trichloropropane	CBNZd5	Ave	+++++	+++++	15849	155886	364435	+++++	+++++	0.425	4.25	10.00
			531608	696359	1448151			15.0	20.0	40.0		
n-Propylbenzene	CBNZd5	Ave	+++++	20948	48908	514926	1208396	+++++	0.170	0.425	4.25	10.00
			1756441	2314571	4807761			15.0	20.0	40.0		
2-Chlorotoluene	CBNZd5	Ave	+++++	16220	36744	364336	844526	+++++	0.170	0.425	4.25	10.00
			1236157	1633321	3436699			15.0	20.0	40.0		
4-Ethyltoluene	CBNZd5	Ave	+++++	16699	41835	435203	1025252	+++++	0.170	0.425	4.25	10.00
			1483818	1981767	4136708			15.0	20.0	40.0		
1,3,5-Trimethylbenzene	CBNZd5	Ave	+++++	16847	36401	376815	891443	+++++	0.170	0.425	4.25	10.00
			1289831	1717829	3662503			15.0	20.0	40.0		
n-Decane	CBNZd5	Ave	+++++	+++++	19403	212337	515757	+++++	+++++	0.425	4.25	10.00
			751257	994179	2114767			15.0	20.0	40.0		
Alpha Methyl Styrene	CBNZd5	Ave	+++++	7320	18154	187730	449442	+++++	0.170	0.425	4.25	10.00
			647295	854798	1803230			15.0	20.0	40.0		
tert-Butylbenzene	CBNZd5	Ave	+++++	15606	35968	364512	872817	+++++	0.170	0.425	4.25	10.00
			1260449	1675059	3502801			15.0	20.0	40.0		
1,2,4-Trimethylbenzene	CBNZd5	Ave	+++++	15859	38171	372942	890575	+++++	0.170	0.425	4.25	10.00
			1285940	1701510	3573167			15.0	20.0	40.0		
sec-Butylbenzene	CBNZd5	Ave	+++++	22570	52492	542309	1287863	+++++	0.170	0.425	4.25	10.00
			1859859	2452873	5120963			15.0	20.0	40.0		
1,3-Dichlorobenzene	CBNZd5	Ave	+++++	10741	26534	252101	591746	+++++	0.170	0.425	4.25	10.00
			859571	1139360	2386420			15.0	20.0	40.0		
4-Isopropyltoluene	CBNZd5	Ave	+++++	20155	47005	483462	1158188	+++++	0.170	0.425	4.25	10.00
			1672518	2237316	4692347			15.0	20.0	40.0		
1,4-Dichlorobenzene	CBNZd5	Ave	+++++	11192	25628	246006	591391	+++++	0.170	0.425	4.25	10.00
			850627	1140616	2350016			15.0	20.0	40.0		
Benzyl chloride	CBNZd5	Ave	+++++	13213	33432	326866	779769	+++++	0.170	0.425	4.25	10.00
			1094895	1451055	3044531			15.0	20.0	40.0		

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 Calibration End Date: 08/12/2025 09:55 Calibration ID: 55766

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butylbenzene	CBNZd5	Ave	+++++ 1501697	17793 1991040	41299 4132877	430165	1040492	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
1,2-Dichlorobenzene	CBNZd5	Ave	+++++ 805921	10931 1064904	26230 2208590	237640	566728	+++++ 15.0	0.170 20.0	0.425 40.0	4.25	10.00
n-Undecane	CBNZd5	Ave	+++++ 846437	+++++ 1100435	+++++ 2336329	233924	580337	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.25	10.00
n-Dodecane	CBNZd5	Ave	+++++ 803375	+++++ 1058392	+++++ 2233507	230863	576808	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.25	10.00
1,2,4-Trichlorobenzene	CBNZd5	Ave	+++++ 750565	+++++ 979931	32160 2051734	203599	519536	+++++ 17.6	+++++ 23.5	0.499 46.9	4.98	11.7
Hexachlorobutadiene	CBNZd5	Ave	+++++ 790885	13200 1036814	32747 2183402	229249	547688	+++++ 16.9	0.192 22.5	0.478 45.0	4.78	11.2
Naphthalene	CBNZd5	Ave	+++++ 1504493	28889 1988772	82976 4165631	435046	1111964	+++++ 17.8	0.203 23.8	0.506 47.6	5.05	11.9
1,2,3-Trichlorobenzene	CBNZd5	Ave	+++++ 706774	+++++ 915481	39046 1903506	202753	489911	+++++ 17.5	+++++ 23.3	0.496 46.6	4.95	11.6

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 Calibration End Date: 08/12/2025 09:55 Calibration ID: 55766

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-219090/6	66295-06.d
Level 2	IC 200-219090/7	66295-07.d
Level 3	IC 200-219090/22	66295-22.d
Level 4	IC 200-219090/23	66295-23.d
Level 5	ICIS 200-219090/10	66295-10.d
Level 6	IC 200-219090/11	66295-11.d
Level 7	IC 200-219090/15	66295-15.d
Level 8	IC 200-219090/16	66295-16.d

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Propylene	+++++ 5.6	+++++ -6.3	+++++	-0.3	-4.1	5.2	30	30		50	30	30
Dichlorodifluoromethane	+++++ 4.2	+++++ -8.3	-1.1	4.7	-2.0	2.5	30	30	50	30	30	30
Freon 22	+++++ 7.2	+++++ -7.2	1.0	0.4	-5.1	3.7	30	30	50	30	30	30
1,2-Dichlorotetrafluoroethane	+++++ 8.7	-1.4 -3.7	-5.6	-0.2	-3.9	6.1	30	50 30	30	30	30	30
Chloromethane	+++++ 4.9	+++++ -6.4	2.7	0.9	-5.9	3.7	30	30	50	30	30	30
Vinyl chloride	33.7 2.0	-4.2 -10.1	-7.7	-4.7	-8.7	-0.3	50 30	30 30	30	30	30	30
n-Butane	+++++ 4.6	+++++ -8.0	9.2	-2.4	-6.1	2.7	30	30	50	30	30	30
1,3-Butadiene	54.2 * -2.1	-1.7 -14.7	-1.9	-12.9	-14.1	-6.9	50 30	30 30	30	30	30	30
Bromomethane	+++++ 8.0	-9.5 -3.8	3.6	-0.7	-3.3	5.7	30	50 30	30	30	30	30
Chloroethane	+++++ 3.3	+++++ -7.6	9.9	-0.4	-8.0	2.8	30	30	50	30	30	30
Isopentane	+++++ 5.1	1.4 -7.1	3.6	-2.9	-5.3	5.2	30	50 30	30	30	30	30
Bromoethene(Vinyl Bromide)	+++++ 6.3	9.5 -5.3	-6.3	-3.2	-5.4	4.4	30	50 30	30	30	30	30
Trichlorofluoromethane	+++++ 10.8	-2.2 -3.7	-3.2	-0.6	-5.5	4.4	30	50 30	30	30	30	30
n-Pentane	+++++ 8.2	+++++ -3.5	-9.1	1.6	-3.5	6.3	30	30	50	30	30	30
Ethanol	+++++ 16.2	+++++ 7.9	-41.1	-6.5	5.6	17.8	30	30	50	30	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 Calibration End Date: 08/12/2025 09:55 Calibration ID: 55766

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethyl ether	+++++ 13.8	-8.4 2.2	-21.6	2.7	0.7	10.5	30	50 30	30	30	30	30
Acrolein	+++++ 12.5	+++++ -10.7	+++++	-10.5	-1.9	10.5	30	30		50	30	30
1,1-Dichloroethene	0.8 5.6	2.6 -5.5	1.3	-3.3	-5.9	4.4	50 30	30 30	30	30	30	30
Freon TF	+++++ 8.3	3.1 -3.8	-7.8	-0.8	-4.2	5.2	30	50 30	30	30	30	30
Acetone	+++++ 8.4	+++++ -3.1	+++++	-5.0	-5.4	5.1	30	30		50	30	30
Isopropyl alcohol	+++++ 7.4	+++++ -5.6	+++++	-5.0	-3.1	6.2	30	30		50	30	30
Carbon disulfide	+++++ 8.1	+++++ -3.4	-5.3	-1.8	-3.7	5.9	30	30	50	30	30	30
Acetonitrile	+++++ 7.2	+++++ -3.2	+++++	-4.5	-3.9	4.5	30	30		50	30	30
3-Chloropropene	+++++ 6.2	-16.5 -4.7	15.0	-1.3	-3.6	4.9	30	50 30	30	30	30	30
Methylene Chloride	+++++ 5.7	+++++ -6.3	9.2	-3.4	-6.9	1.7	30	30	50	30	30	30
tert-Butyl alcohol	+++++ 7.7	+++++ -4.6	+++++	-4.1	-4.1	5.1	30	30		50	30	30
Acrylonitrile	+++++ 7.7	+++++ -2.3	4.2	-8.3	-6.0	4.6	30	30	50	30	30	30
trans-1,2-Dichloroethene	+++++ 9.4	-4.7 -2.7	-3.1	-1.1	-2.9	5.1	30	50 30	30	30	30	30
Methyl tert-butyl ether	+++++ 10.7	-2.5 -1.2	-9.1	-1.4	-3.4	6.9	30	50 30	30	30	30	30
n-Hexane	+++++ 7.6	3.0 -2.5	-10.1	-0.9	-3.3	6.2	30	50 30	30	30	30	30
1,1-Dichloroethane	19.8 6.3	-2.7 -5.6	-11.7	-2.3	-6.7	3.0	50 30	30 30	30	30	30	30
Vinyl acetate	+++++ 9.5	+++++ 3.3	+++++	-11.0	-9.0	7.1	30	30		50	30	30
Methyl Ethyl Ketone	+++++ 13.9	+++++ 1.0	-23.3	-0.7	-0.4	9.5	30	30	50	30	30	30
cis-1,2-Dichloroethene	24.6 3.2	-2.9 -7.9	-7.4	-4.6	-7.1	2.1	50 30	30 30	30	30	30	30
Ethyl acetate	+++++ 6.1	+++++ -0.3	+++++	-7.6	-4.0	5.8	30	30		50	30	30
Tetrahydrofuran	+++++ 6.2	+++++ 0.5	+++++	-6.5	-5.6	5.3	30	30		50	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 Calibration End Date: 08/12/2025 09:55 Calibration ID: 55766

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Chloroform	+++++ 10.7	-3.1 -2.6	-7.1	-0.8	-3.8	6.6	30	50 30	30	30	30	30
1,1,1-Trichloroethane	+++++ 9.9	-5.1 3.6	-7.3	-3.6	-4.3	6.7	30	50 30	30	30	30	30
Cyclohexane	+++++ 8.1	0.2 1.8	-6.5	-4.4	-5.3	6.1	30	50 30	30	30	30	30
Carbon tetrachloride	-8.7 13.6	-5.2 6.3	-12.3	-2.2	-1.4	9.9	50 30	30 30	30	30	30	30
Benzene	+++++ 6.9	0.9 2.1	-4.9	-4.8	-5.9	5.7	30	50 30	30	30	30	30
1,2-Dichloroethane	+++++ 8.1	-2.0 2.9	-4.1	-2.4	-7.0	4.4	30	50 30	30	30	30	30
2,2,4-Trimethylpentane	+++++ 8.7	-3.3 3.3	-7.6	-3.8	-4.0	6.7	30	50 30	30	30	30	30
n-Heptane	+++++ 7.3	2.8 2.0	-6.5	-5.9	-5.3	5.5	30	50 30	30	30	30	30
n-Butanol	+++++ 8.7	+++++ 4.5	+++++	-15.4	-4.3	6.5	30	30		50	30	30
Trichloroethene	8.7 7.3	-1.1 3.1	-9.1	-7.4	-6.7	5.2	50 30	30 30	30	30	30	30
1,2-Dichloropropane	+++++ 6.3	5.0 3.5	-9.8	-7.2	-5.2	7.4	30	50 30	30	30	30	30
Methyl methacrylate	+++++ 13.0	+++++ 10.9	-25.3	-6.2	-2.2	9.9	30	30	50	30	30	30
1,4-Dioxane	+++++ 12.7	-16.0 2.9	-14.0	3.3	-1.2	12.3	30	50 30	30	30	30	30
Dibromomethane	+++++ 7.6	0.9 7.0	-9.0	-5.7	-6.5	5.7	30	50 30	30	30	30	30
Bromodichloromethane	+++++ 11.2	-4.7 3.8	-11.1	-4.0	-3.2	8.2	30	50 30	30	30	30	30
cis-1,3-Dichloropropene	+++++ 10.5	-4.3 6.2	-11.7	-4.9	-4.2	8.4	30	50 30	30	30	30	30
methyl isobutyl ketone	+++++ 11.8	+++++ 6.8	-16.9	-6.8	-3.0	8.1	30	30	50	30	30	30
Toluene	+++++ 9.2	3.5 0.8	-10.7	-5.5	-5.0	7.7	30	50 30	30	30	30	30
n-Octane	+++++ 8.7	-0.9 3.4	-7.1	-4.7	-5.0	5.6	30	50 30	30	30	30	30
trans-1,3-Dichloropropene	+++++ 11.4	-11.1 8.5	-10.8	-5.0	-2.7	9.7	30	50 30	30	30	30	30
1,1,2-Trichloroethane	+++++ 9.4	-8.6 0.7	-0.1	-6.0	-4.0	8.6	30	50 30	30	30	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 Calibration End Date: 08/12/2025 09:55 Calibration ID: 55766

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Tetrachloroethene	11.2 9.7	-5.3 -0.2	-8.7	-7.4	-5.7	6.5	50 30	30 30	30	30	30	30
Methyl Butyl Ketone (2-Hexanone)	+++++ 17.7	+++++ 9.4	-37.8	-4.8	1.6	13.9	 30	 30	50	30	30	30
Dibromochloromethane	+++++ 14.0	-7.5 -1.9	-7.8	-5.8	-2.9	11.8	 30	50 30	30	30	30	30
1,2-Dibromoethane	+++++ 11.6	-5.7 1.9	-6.8	-7.7	-3.9	10.6	 30	50 30	30	30	30	30
Chlorobenzene	+++++ 8.8	4.0 0.2	-5.4	-7.8	-6.3	6.4	 30	50 30	30	30	30	30
Ethylbenzene	+++++ 10.9	-4.5 2.3	-8.2	-5.6	-4.2	9.2	 30	50 30	30	30	30	30
m,p-Xylene	+++++ 11.7	-4.5 3.4	-10.3	-5.7	-4.0	9.4	 30	50 30	30	30	30	30
n-Nonane	+++++ 12.0	-7.4 4.5	-9.8	-5.1	-3.4	9.2	 30	50 30	30	30	30	30
Xylene, o-	+++++ 10.5	-3.7 2.7	-10.4	-3.6	-4.1	8.7	 30	50 30	30	30	30	30
Styrene	+++++ 13.0	-11.8 4.6	-7.6	-5.7	-3.6	11.1	 30	50 30	30	30	30	30
Bromoform	+++++ 17.5	-6.2 -12.9	-6.6	-3.7	-2.0	13.9	 30	50 30	30	30	30	30
Cumene	+++++ 11.7	-5.6 2.8	-7.3	-6.2	-4.5	9.2	 30	50 30	30	30	30	30
1,1,2,2-Tetrachloroethane	+++++ 8.0	3.6 -1.8	-2.7	-7.5	-6.4	6.7	 30	50 30	30	30	30	30
1,2,3-Trichloropropane	+++++ 9.1	+++++ 0.1	-2.2	-7.9	-6.3	7.1	 30	 30	50	30	30	30
n-Propylbenzene	+++++ 11.8	-6.5 2.5	-6.9	-6.1	-4.1	9.2	 30	50 30	30	30	30	30
2-Chlorotoluene	+++++ 9.4	0.4 1.6	-3.0	-7.9	-7.1	6.6	 30	50 30	30	30	30	30
4-Ethyltoluene	+++++ 13.4	-11.7 4.4	-5.7	-6.0	-3.7	9.2	 30	50 30	30	30	30	30
1,3,5-Trimethylbenzene	+++++ 10.6	0.3 4.1	-7.6	-8.4	-5.7	6.9	 30	50 30	30	30	30	30
n-Decane	+++++ 12.4	+++++ 5.5	-13.5	-9.4	-4.2	9.3	 30	 30	50	30	30	30
Alpha Methyl Styrene	+++++ 12.4	-11.0 4.7	-5.9	-6.8	-2.9	9.6	 30	50 30	30	30	30	30
tert-Butylbenzene	+++++ 11.5	-4.0 2.9	-5.6	-8.4	-4.5	8.0	 30	50 30	30	30	30	30

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-78914-1 Analy Batch No.: 219090

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 17:58 Calibration End Date: 08/12/2025 09:55 Calibration ID: 55766

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
1,2,4-Trimethylbenzene	+++++ 10.5	-4.8 2.5	-2.2	-8.5	-5.0	7.5	30	50 30	30	30	30	30
sec-Butylbenzene	+++++ 11.3	-5.3 2.6	-6.1	-7.1	-4.0	8.6	30	50 30	30	30	30	30
1,3-Dichlorobenzene	+++++ 9.8	-4.3 1.5	0.8	-8.3	-6.3	6.6	30	50 30	30	30	30	30
4-Isopropyltoluene	+++++ 12.6	-6.2 4.3	-6.7	-8.1	-4.2	8.4	30	50 30	30	30	30	30
1,4-Dichlorobenzene	+++++ 10.6	0.3 0.6	-2.0	-9.9	-5.8	6.2	30	50 30	30	30	30	30
Benzyl chloride	+++++ 9.7	-7.7 1.6	-0.4	-6.7	-3.2	6.5	30	50 30	30	30	30	30
n-Butylbenzene	+++++ 12.8	-6.8 3.4	-7.8	-8.0	-3.2	9.5	30	50 30	30	30	30	30
1,2-Dichlorobenzene	+++++ 7.3	1.8 -1.8	4.2	-9.6	-6.2	4.5	30	50 30	30	30	30	30
n-Undecane	+++++ 8.8	+++++ 1.9	+++++	-12.7	-5.8	7.7	30	30		50	30	30
n-Dodecane	+++++ 8.1	+++++ 0.6	+++++	-11.0	-3.3	5.6	30	30		50	30	30
1,2,4-Trichlorobenzene	+++++ 2.4	+++++ -5.4	32.5	-19.7	-10.8	1.0	30	30	50	30	30	30
Hexachlorobutadiene	+++++ -0.5	17.1 -7.5	23.9	-17.0	-13.7	-2.3	30	50 30	30	30	30	30
Naphthalene	+++++ -8.2	23.2 -15.2	50.9 *	-24.2	-15.7	-10.7	30	50 30	30	30	30	30
1,2,3-Trichlorobenzene	+++++ -4.9	+++++ -12.7	59.9 *	-20.5	-16.4	-5.5	30	30	50	30	30	30

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 11-Aug-2025 17:58:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066295-006
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Aug-2025 11:46:53 Calib Date: 12-Aug-2025 09:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: YWL8 Date: 12-Aug-2025 13:03:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.110	4.109	0.001	12	945	0.0351	0.0717	
2 Dichlorodifluoromethane	85	4.195	4.200	-0.005	95	2141	0.0351	0.0386	
3 Chlorodifluoromethane	51		4.238				ND	ND	MU
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.537	4.537	0.000	88	2032	0.0351	0.0404	
5 Chloromethane	50	4.644	4.655	-0.011	1	527	0.0351	0.0341	
6 Vinyl chloride	62	4.933	4.949	-0.016	60	996	0.0351	0.0469	
7 Butane	43	4.933	4.955	-0.022	85	2722	0.0351	0.0831	
8 Butadiene	54	5.046	5.062	-0.016	18	985	0.0351	0.0541	
9 Bromomethane	94	5.789	5.805	-0.016	1	562	0.0351	0.0361	M
10 Chloroethane	64		6.094				ND	ND	MU
12 2-Methylbutane	43	6.303	6.335	-0.032	5	1110	0.0351	0.0558	
13 Vinyl bromide	106	6.565	6.570	-0.005	1	489	0.0351	0.0297	
14 Trichlorofluoromethane	101	6.736	6.752	-0.016	1	2284	0.0351	0.0382	M
15 Pentane	43	6.956	6.988	-0.032	1	1497	0.0351	0.0503	
16 Ethanol	45		7.175				ND	ND	MU
18 Ethyl ether	59	7.469	7.464	0.005	1	272	0.0351	0.0223	
19 Acrolein	56		7.747				ND	ND	
20 1,1-Dichloroethene	96	7.977	7.988	-0.011	1	635	0.0351	0.0354	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.020	8.025	-0.005	1	1871	0.0351	0.0456	
22 Acetone	43		8.057				ND	ND	MU
23 Isopropyl alcohol	45		8.405				ND	ND	MU
24 Carbon disulfide	76	8.464	8.475	-0.011	94	1996	0.0351	0.0433	M
25 Acetonitrile	41		8.651				ND	ND	MU
26 3-Chloro-1-propene	41		8.812				ND	ND	MU
27 Methylene Chloride	49	9.079	9.090	-0.011	51	1785	0.0351	0.0808	
28 2-Methyl-2-propanol	59	9.342	9.320	0.022	1	1014	0.0351	0.0234	
29 Acrylonitrile	53		9.555				ND	ND	
31 Methyl tert-butyl ether	73	9.721	9.689	0.032	82	2267	0.0351	0.0395	
30 trans-1,2-Dichloroethene	61		9.694				ND	ND	MU
S 35 1,2-Dichloroethene, Total	61				0		0.0702	0.0437	
32 Hexane	57		10.299				ND	ND	MU

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.583	10.593	-0.010	1	1462	0.0351	0.0420	M
34 Vinyl acetate	43		10.593				ND	ND	MU
36 2-Butanone (MEK)	72		11.685				ND	ND	
37 cis-1,2-Dichloroethene	96	11.711	11.727	-0.016	1	882	0.0351	0.0437	M
38 Ethyl acetate	88		11.781				ND	ND	
* 39 Chlorobromomethane	128	12.177	12.187	-0.010	90	133684	10.0	10.0	
40 Tetrahydrofuran	42		12.241				ND	ND	MU
41 Chloroform	83	12.369	12.375	-0.006	1	1651	0.0351	0.0389	M
42 1,1,1-Trichloroethane	97	12.706	12.728	-0.022	1	1493	0.0351	0.0289	
43 Cyclohexane	84	12.883	12.888	-0.005	1	903	0.0351	0.0361	M
44 Carbon tetrachloride	117	13.038	13.043	-0.005	11	1731	0.0351	0.0320	
45 Benzene	78	13.397	13.407	-0.010	84	2040	0.0351	0.0371	
46 1,2-Dichloroethane	62		13.482				ND	ND	
47 Isooctane	57	13.637	13.643	-0.006	87	3837	0.0351	0.0407	
48 n-Heptane	43	13.953	13.969	-0.016	13	1353	0.0351	0.0407	M
* 49 1,4-Difluorobenzene	114	14.183	14.188	-0.005	95	700460	10.0	10.0	
50 n-Butanol	56		14.397				ND	ND	MU
51 Trichloroethene	95	14.648	14.659	-0.011	57	1063	0.0351	0.0381	
53 1,2-Dichloropropane	63	15.146	15.140	0.006	1	834	0.0351	0.0405	M
54 Methyl methacrylate	69		15.215				ND	ND	
55 1,4-Dioxane	88		15.274				ND	ND	
57 Dibromomethane	174	15.317	15.312	0.005	90	1149	0.0351	0.0420	
58 Dichlorobromomethane	83	15.617	15.633	-0.016	1	1826	0.0351	0.0378	
59 cis-1,3-Dichloropropene	75	16.467	16.467	0.000	1	664	0.0351	0.0181	
61 4-Methyl-2-pentanone (MIBK)	43		16.713				ND	ND	MU
62 Toluene	92	17.157	17.141	0.016	90	1471	0.0351	0.0357	M
A 63 Toluene Range	1	17.157	(17.077-17.238)		0	3716	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	91	2146	0.0351	0.0462	
A 65 C8 Range	1	17.393	(17.307-17.478)		0	9465	NC	NC	
66 trans-1,3-Dichloropropene	75		17.553				ND	ND	MU
67 1,1,2-Trichloroethane	83	17.949	17.944	0.005	1	607	0.0351	0.0321	M
68 Tetrachloroethene	166	18.179	18.179	0.000	92	1545	0.0351	0.0390	M
69 2-Hexanone	43		18.340				ND	ND	MU
70 Chlorodibromomethane	129	18.720	18.719	0.001	49	1578	0.0351	0.0325	
71 Ethylene Dibromide	107	18.998	18.976	0.022	88	1364	0.0351	0.0355	M
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	88	596833	10.0	10.0	
74 Chlorobenzene	112	19.955	19.961	-0.006	20	2280	0.0351	0.0391	
S 80 Xylenes, Total	106				0		0.1052	0.0997	
75 Ethylbenzene	91	20.153	20.148	0.005	96	3322	0.0351	0.0340	
76 m-Xylene & p-Xylene	106	20.410	20.405	0.005	0	2130	0.0702	0.0581	
77 n-Nonane	57	20.426	20.437	-0.011	91	1727	0.0351	0.0400	
78 o-Xylene	106	21.106	21.111	-0.005	93	1463	0.0351	0.0416	
79 Styrene	104	21.148	21.137	0.011	1	1808	0.0351	0.0307	
81 Bromoform	173	21.469	21.464	0.005	91	1539	0.0351	0.0339	
82 Isopropylbenzene	105	21.737	21.726	0.011	94	4533	0.0351	0.0390	M
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	48	2341	0.0351	0.0469	
84 1,2,3-Trichloropropane	75	22.293	22.288	0.005	85	1961	0.0351	0.0472	
85 N-Propylbenzene	91	22.395	22.384	0.011	97	4981	0.0351	0.0370	
86 2-Chlorotoluene	91	22.539	22.539	0.000	93	3763	0.0351	0.0387	
87 4-Ethyltoluene	105	22.582	22.566	0.016	42	4307	0.0351	0.0379	M
88 1,3,5-Trimethylbenzene	105	22.657	22.651	0.006	88	4220	0.0351	0.0418	
89 n-Decane	57	22.662	22.662	0.000	70	2617	0.0351	0.0455	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.983	22.962	0.021	77	1575	0.0351	0.0318	M
91 tert-Butylbenzene	119	23.117	23.112	0.005	94	4202	0.0351	0.0430	
92 1,2,4-Trimethylbenzene	105	23.208	23.197	0.011	95	4189	0.0351	0.0418	
93 sec-Butylbenzene	105	23.433	23.432	0.001	97	5347	0.0351	0.0373	
94 1,3-Dichlorobenzene	146	23.636	23.625	0.011	29	2048	0.0351	0.0304	
95 4-Isopropyltoluene	119	23.652	23.646	0.006	96	5691	0.0351	0.0440	
96 1,4-Dichlorobenzene	146	23.780	23.775	0.005	87	2676	0.0351	0.0399	M
97 Benzyl chloride	91	23.930	23.919	0.011	1	2154	0.0351	0.0250	
98 n-Butylbenzene	91	24.256	24.246	0.010	95	3901	0.0351	0.0340	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	92	2823	0.0351	0.0437	
100 Undecane	57	24.396	24.379	0.017	83	2004	0.0351	0.0305	
101 Dodecane	57	26.134	26.129	0.005	94	2472	0.0351	0.0388	
102 1,2,4-Trichlorobenzene	180	27.038	27.022	0.016	86	2650	0.0411	0.0499	
103 Hexachlorobutadiene	225	27.306	27.295	0.011	93	1896	0.0394	0.0314	
104 Naphthalene	128	27.595	27.573	0.022	93	7121	0.0417	0.0600	M
105 1,2,3-Trichlorobenzene	180	28.055	28.049	0.006	93	2845	0.0409	0.0529	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated
- U - Marked Undetected

Reagents:

ATTO15CAL1w_00277	Amount Added:	35.00	Units: mL	
ATTO15WISs_00010	Amount Added:	20.00	Units: mL	Run Reagent

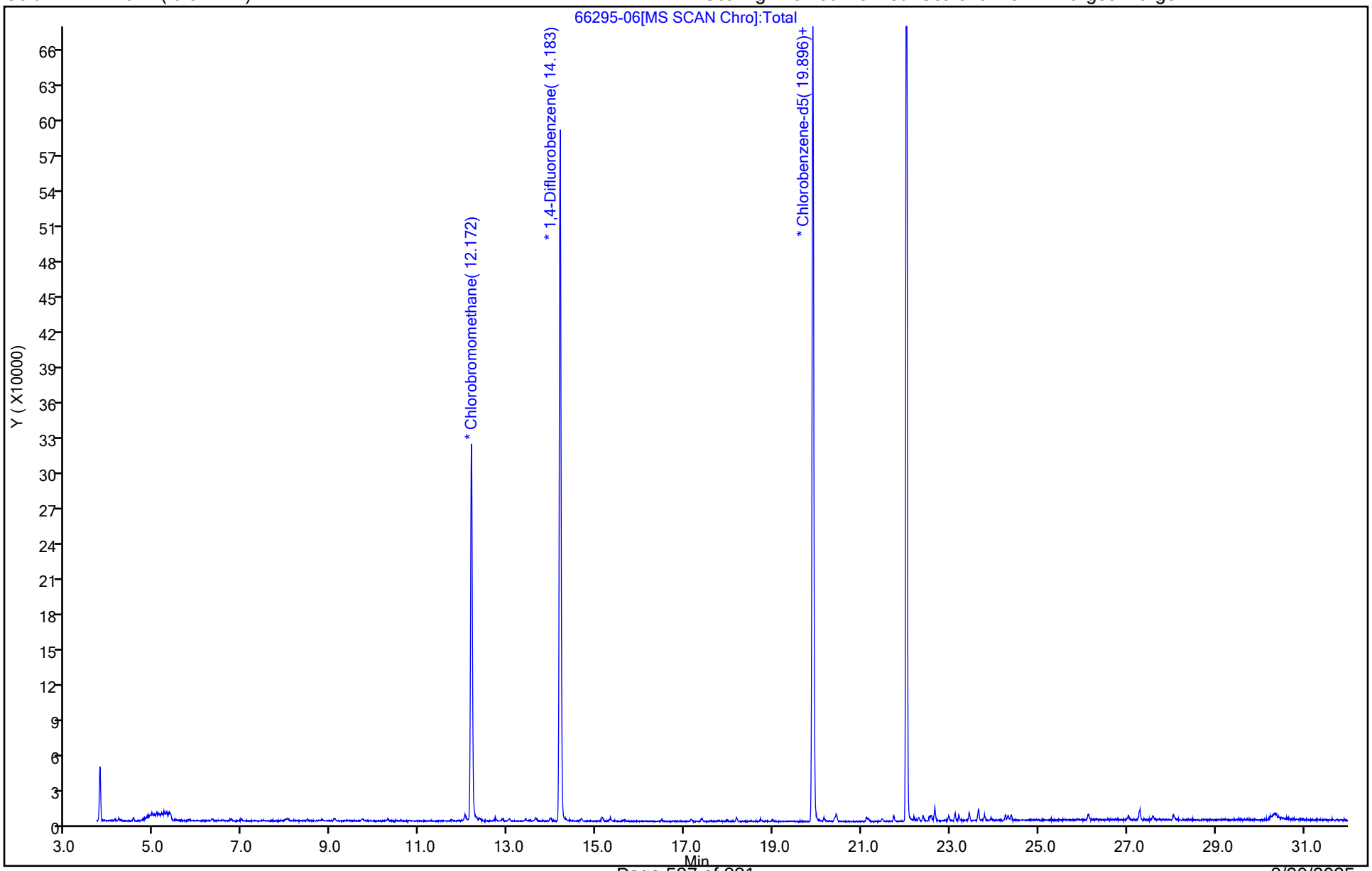
Report Date: 12-Aug-2025 11:46:54 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d

Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

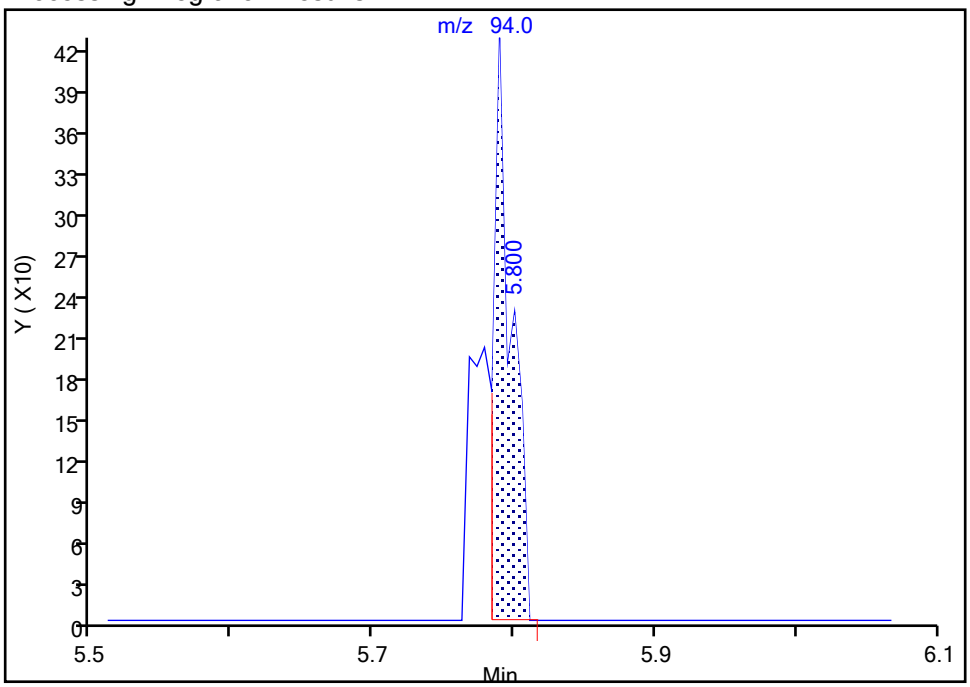
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

9 Bromomethane, CAS: 74-83-9

Signal: 1

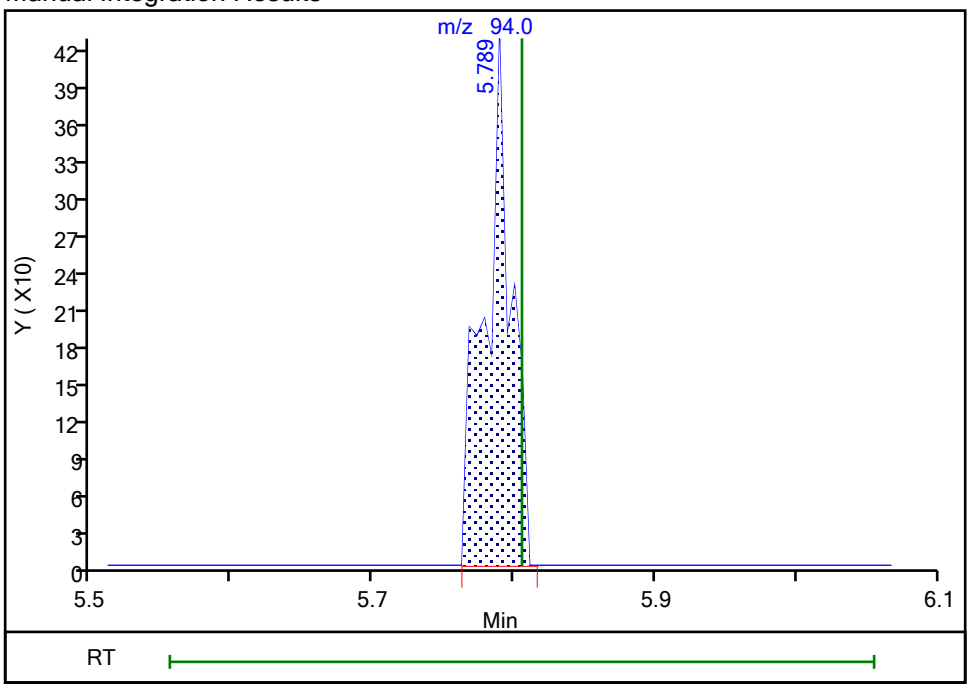
Processing Integration Results

RT: 5.80
Area: 375
Amount: 0.019624
Amount Units: ppb v/v



Manual Integration Results

RT: 5.79
Area: 562
Amount: 0.036116
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:49:13 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

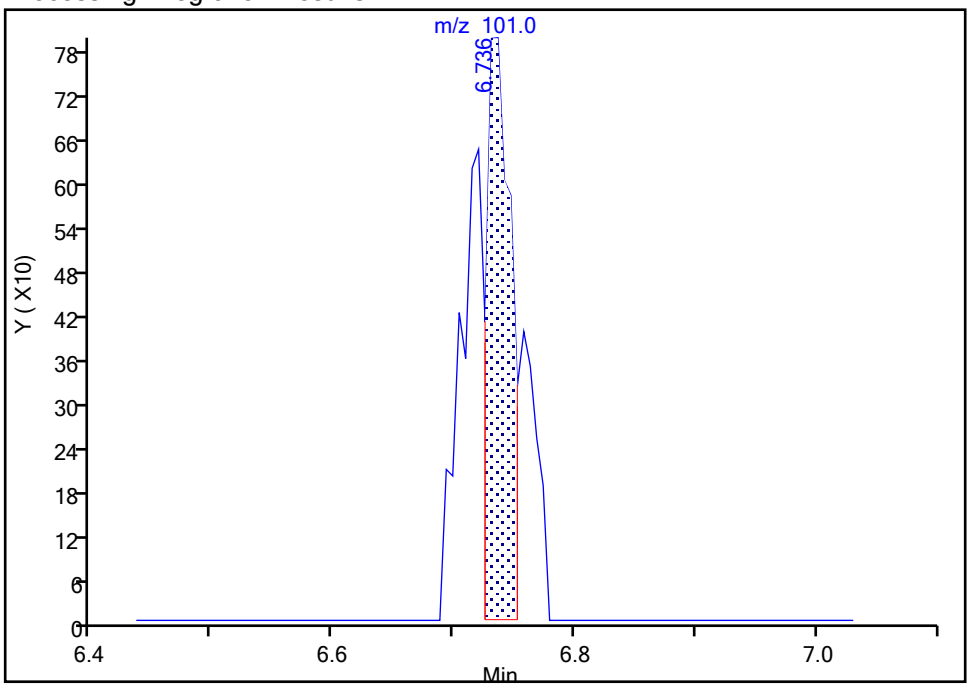
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

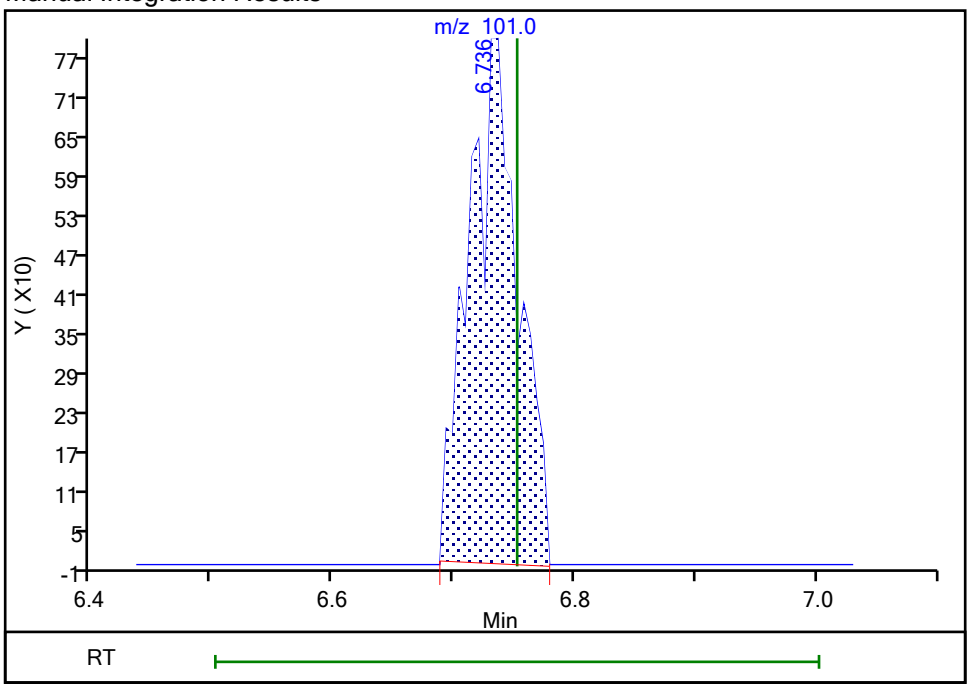
Processing Integration Results

RT: 6.74
Area: 1128
Amount: 0.015755
Amount Units: ppb v/v



Manual Integration Results

RT: 6.74
Area: 2284
Amount: 0.038182
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:50:21 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

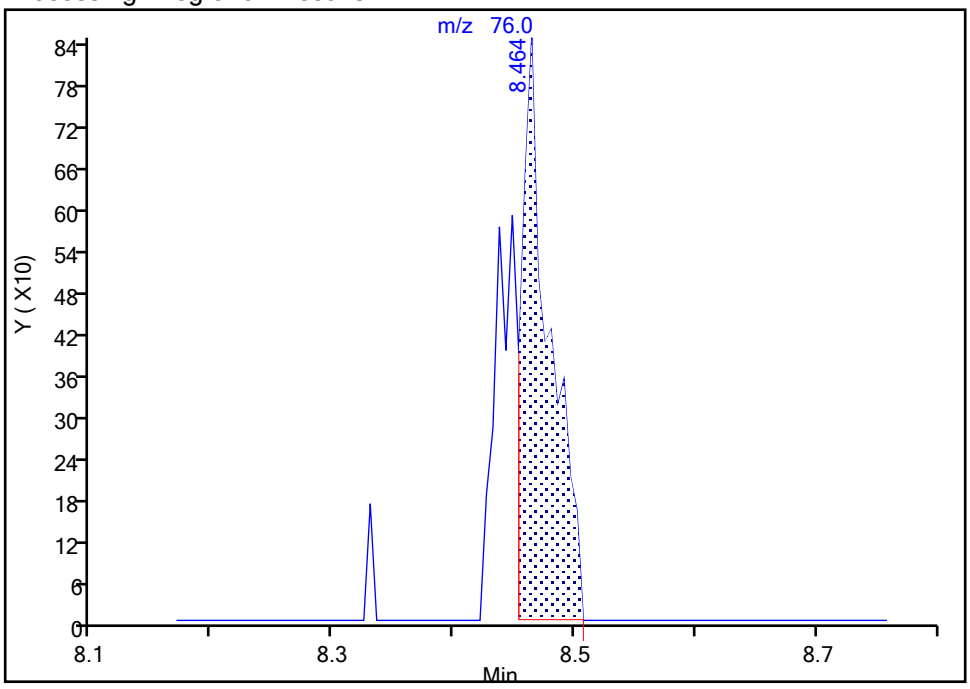
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d
Injection Date: 11-Aug-2025 17:58:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

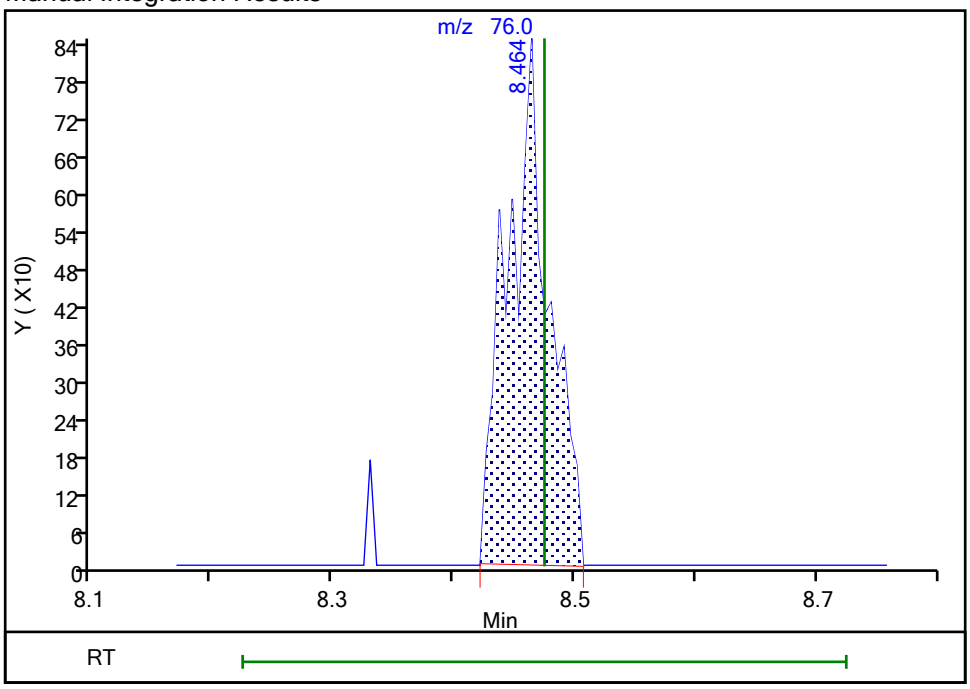
Processing Integration Results

RT: 8.46
Area: 1355
Amount: 0.022585
Amount Units: ppb v/v



Manual Integration Results

RT: 8.46
Area: 1996
Amount: 0.043269
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:52:05 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

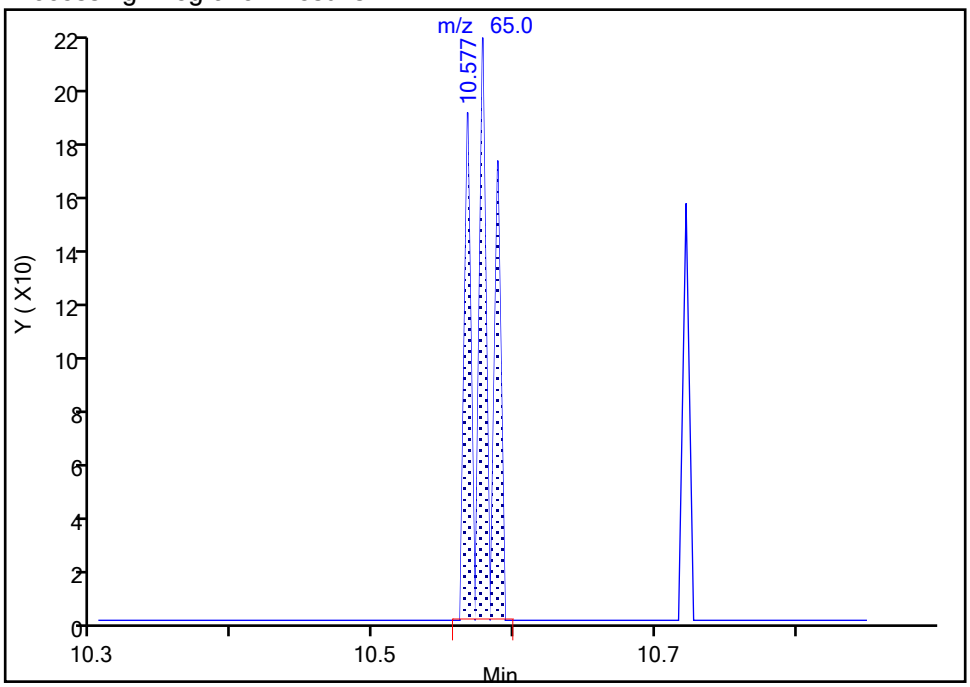
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 1,1-Dichloroethane, CAS: 75-34-3

Signal: 2

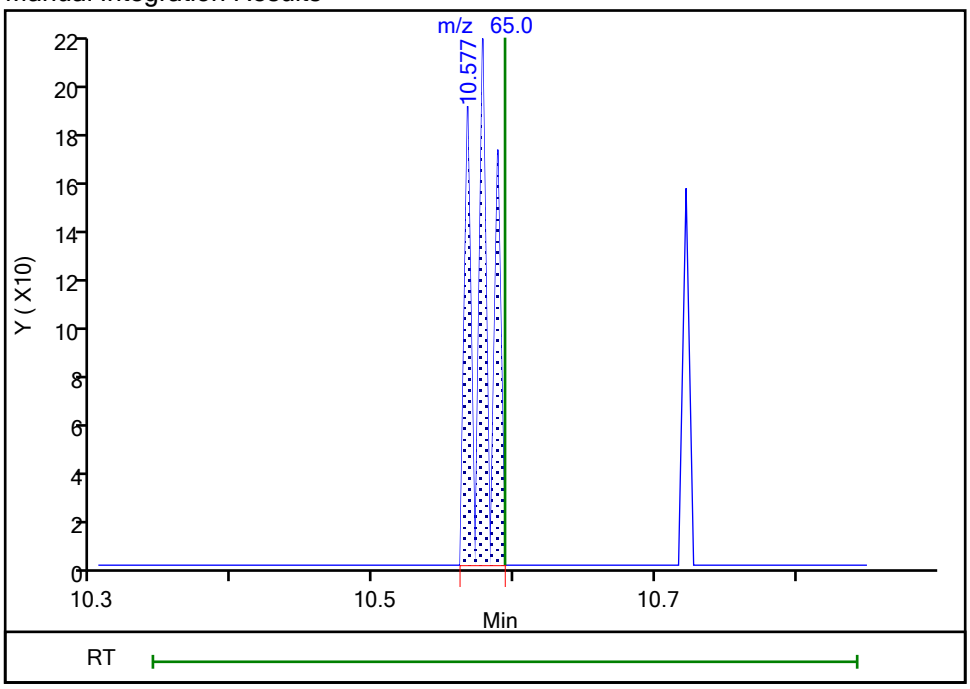
Processing Integration Results

RT: 10.58
Area: 186
Amount: 0.032066
Amount Units: ppb v/v



Manual Integration Results

RT: 10.58
Area: 186
Amount: 0.042030
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 10:51:52 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

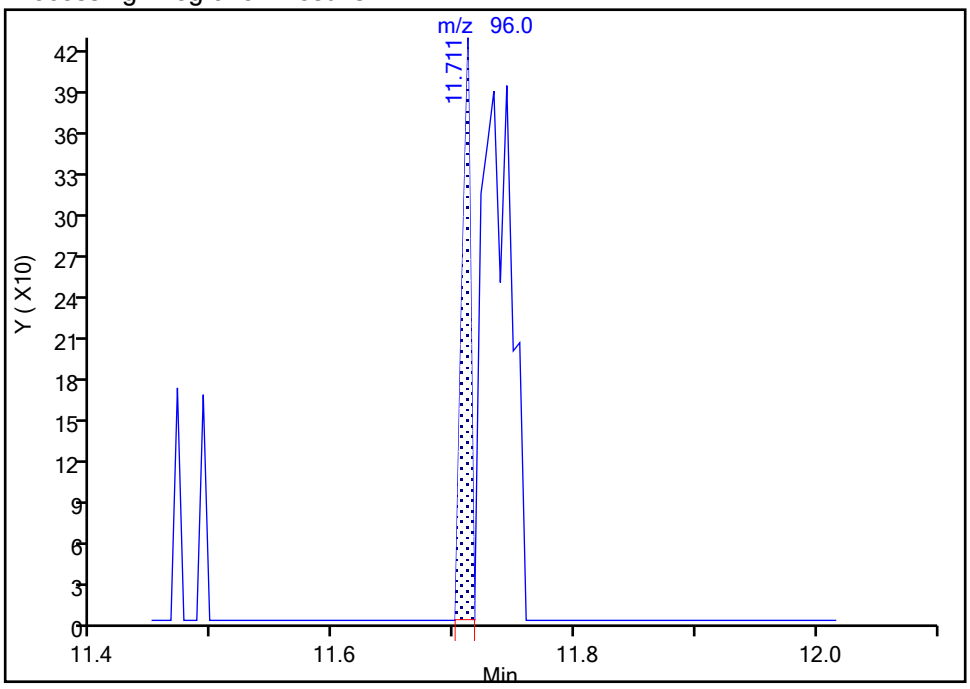
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d
Injection Date: 11-Aug-2025 17:58:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

37 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

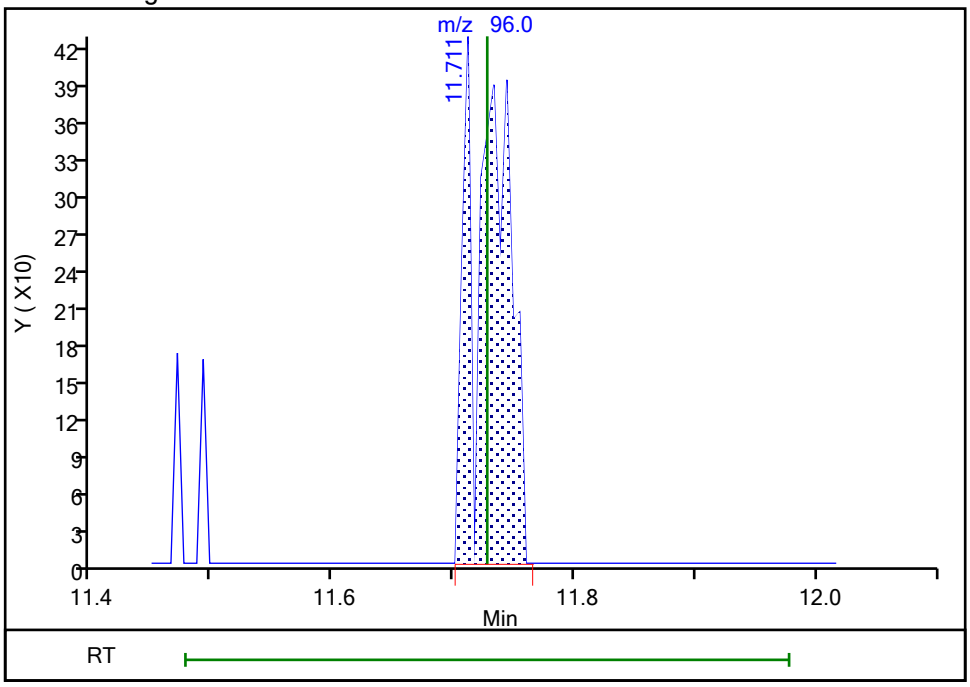
Processing Integration Results

RT: 11.71
Area: 213
Amount: 0.011969
Amount Units: ppb v/v



Manual Integration Results

RT: 11.71
Area: 882
Amount: 0.043706
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 10:53:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

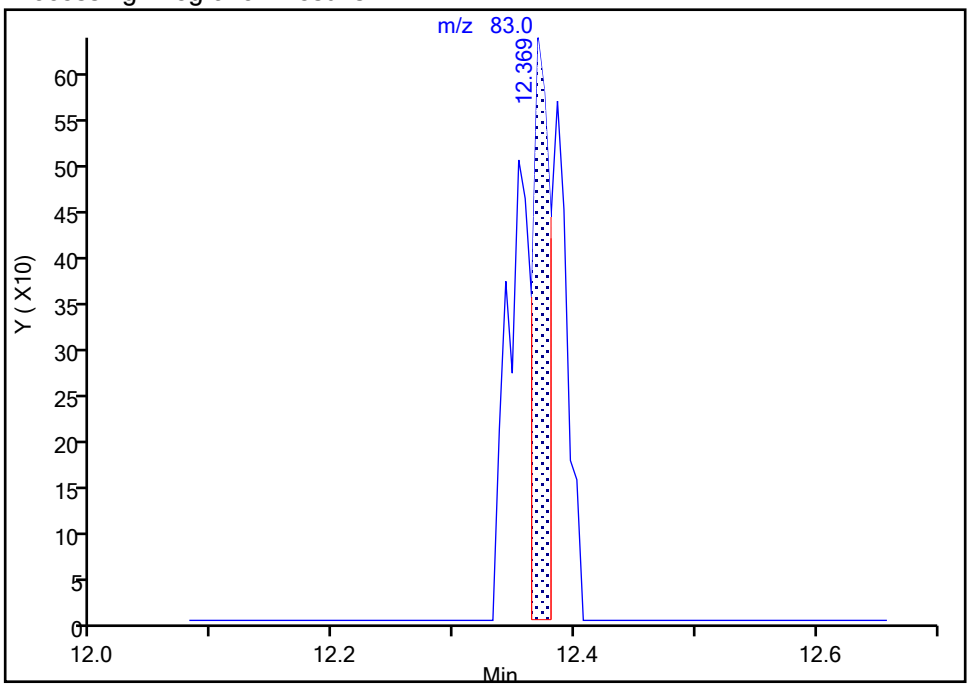
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

41 Chloroform, CAS: 67-66-3

Signal: 1

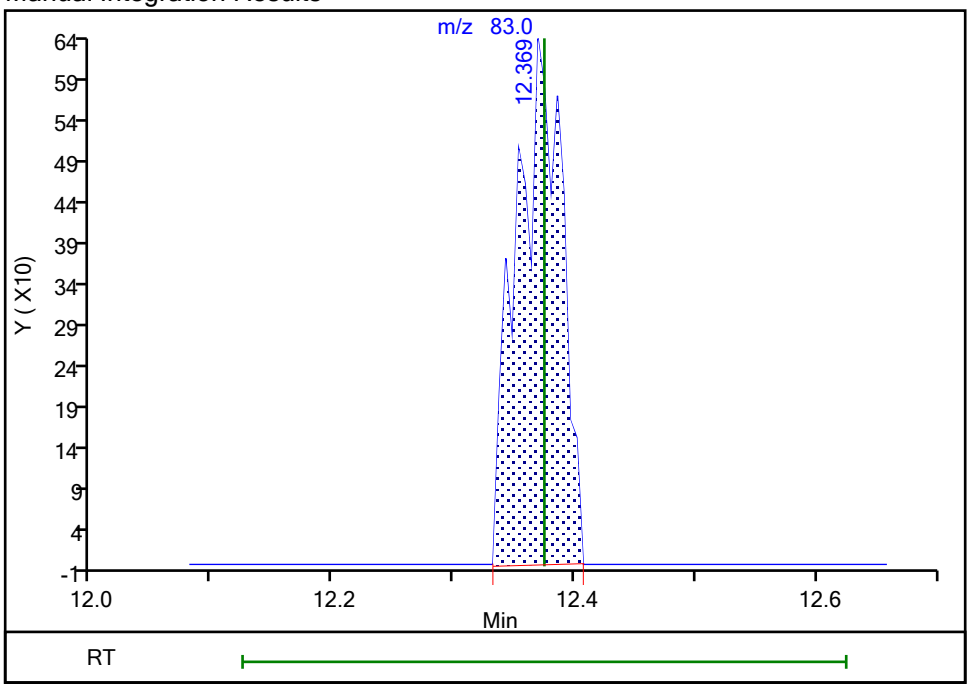
Processing Integration Results

RT: 12.37
Area: 641
Amount: 0.012542
Amount Units: ppb v/v



Manual Integration Results

RT: 12.37
Area: 1651
Amount: 0.038870
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:56:19 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

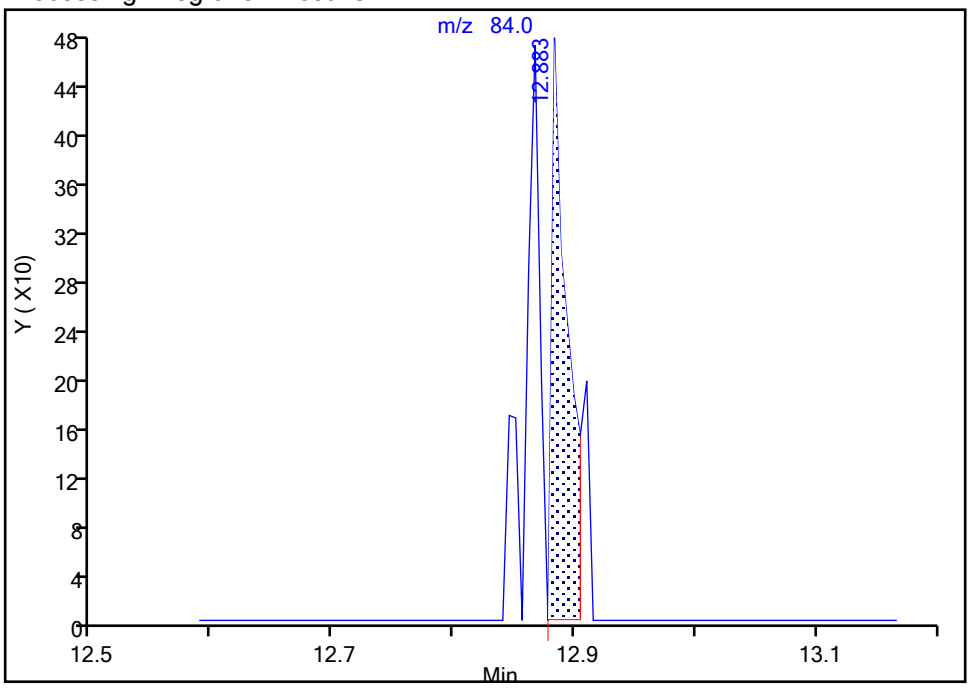
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7

Signal: 1

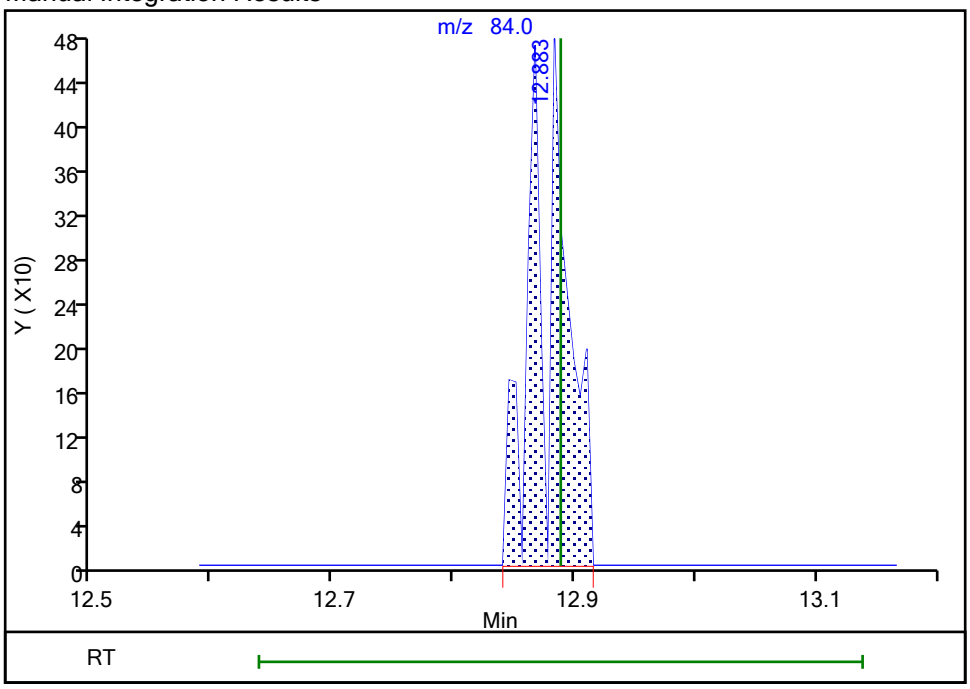
Processing Integration Results

RT: 12.88
Area: 432
Amount: 0.016143
Amount Units: ppb v/v



Manual Integration Results

RT: 12.88
Area: 903
Amount: 0.036057
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:56:33 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

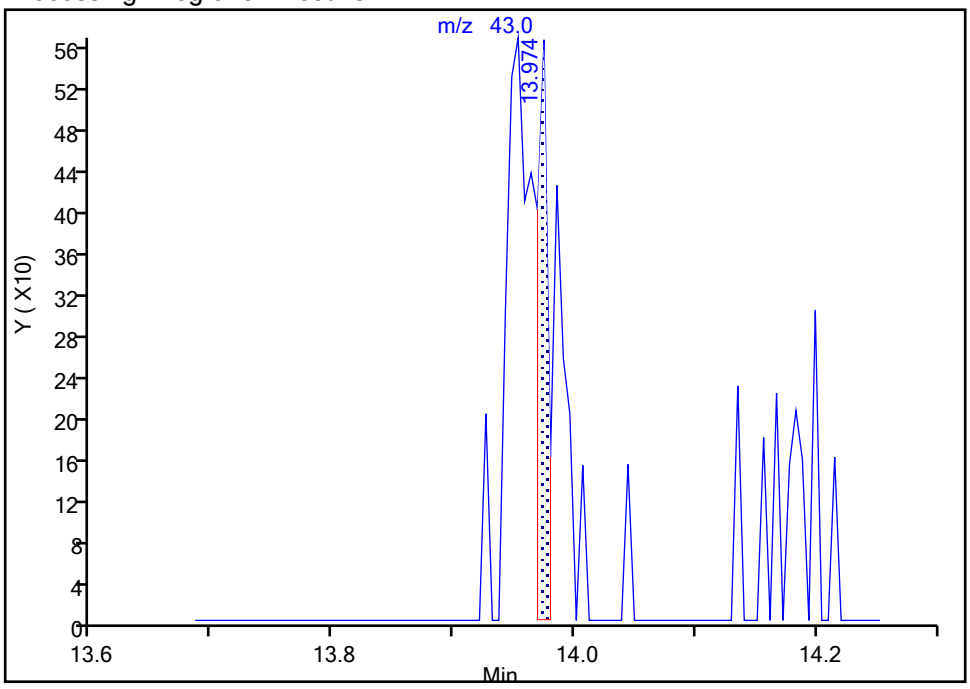
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 n-Heptane, CAS: 142-82-5

Signal: 1

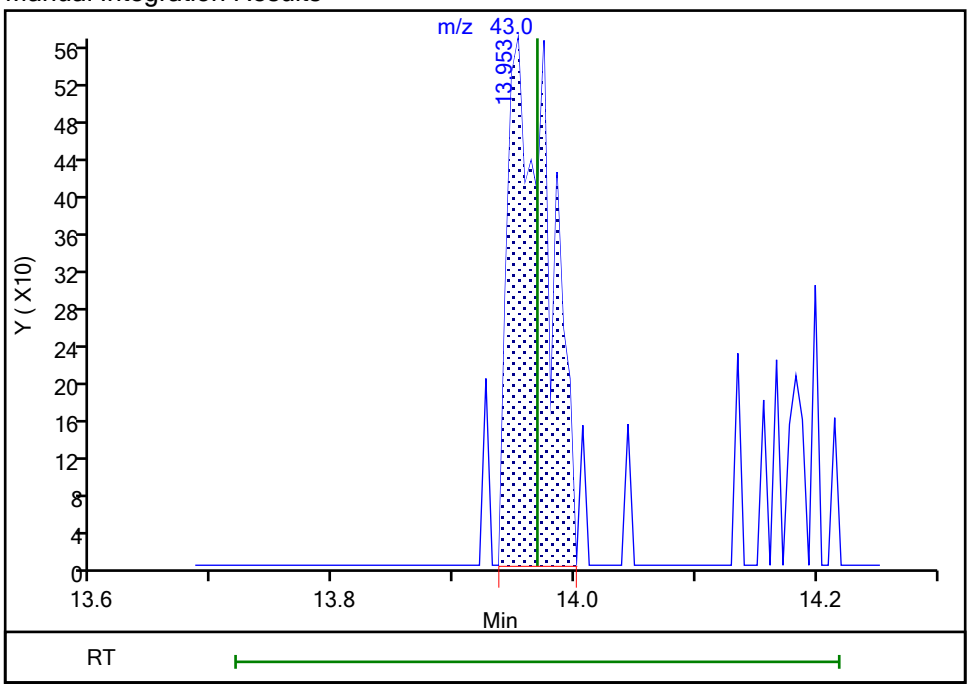
Processing Integration Results

RT: 13.97
Area: 359
Amount: 0.009432
Amount Units: ppb v/v



Manual Integration Results

RT: 13.95
Area: 1353
Amount: 0.040709
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:56:51 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

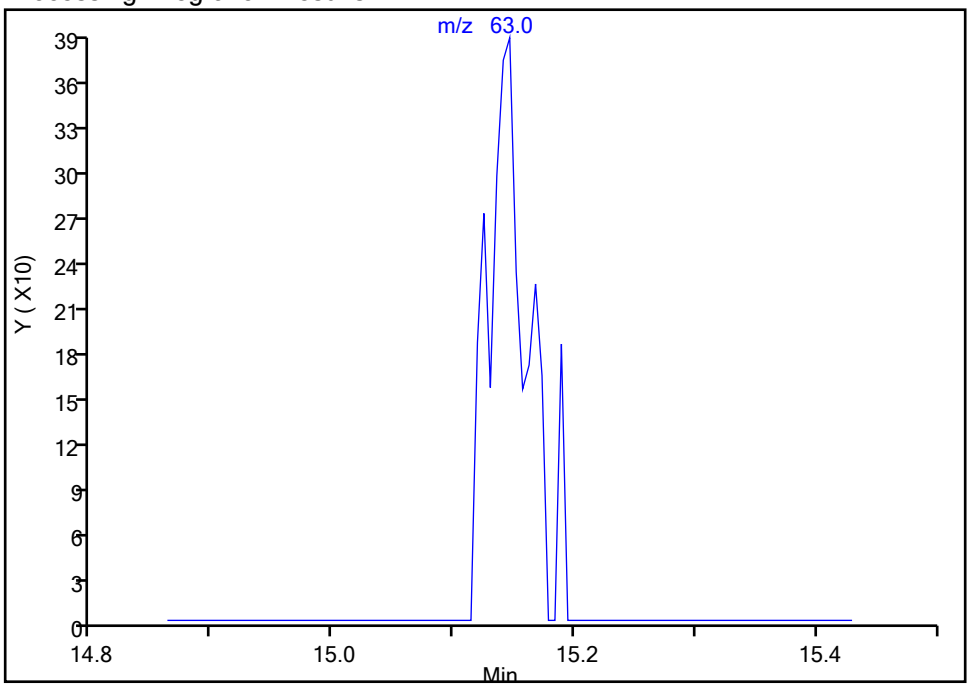
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

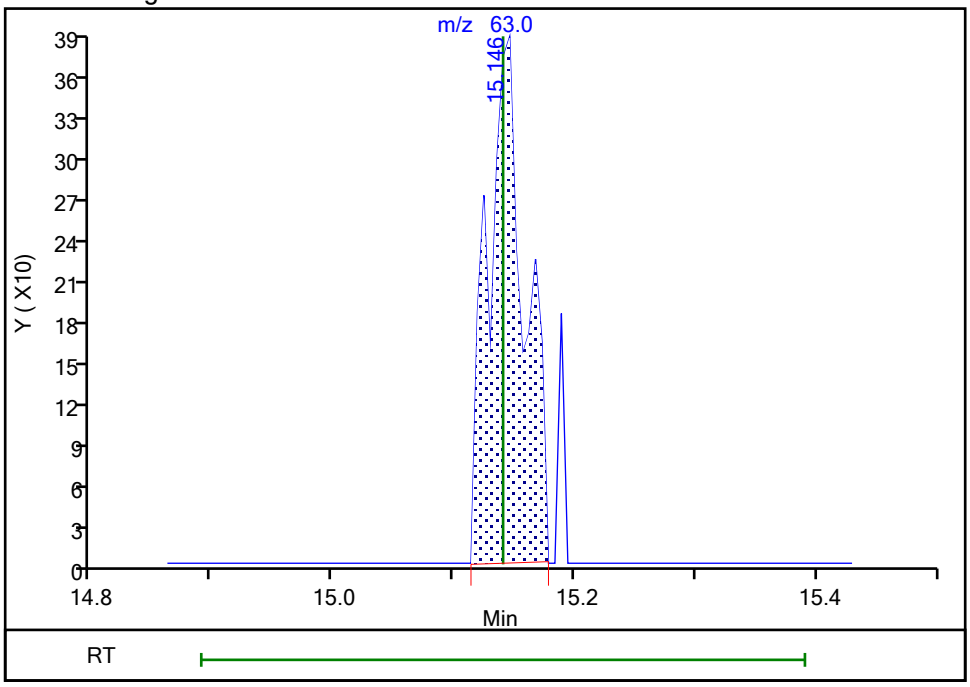
Not Detected
Expected RT: 15.14

Processing Integration Results



Manual Integration Results

RT: 15.15
Area: 834
Amount: 0.040492
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:57:16 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

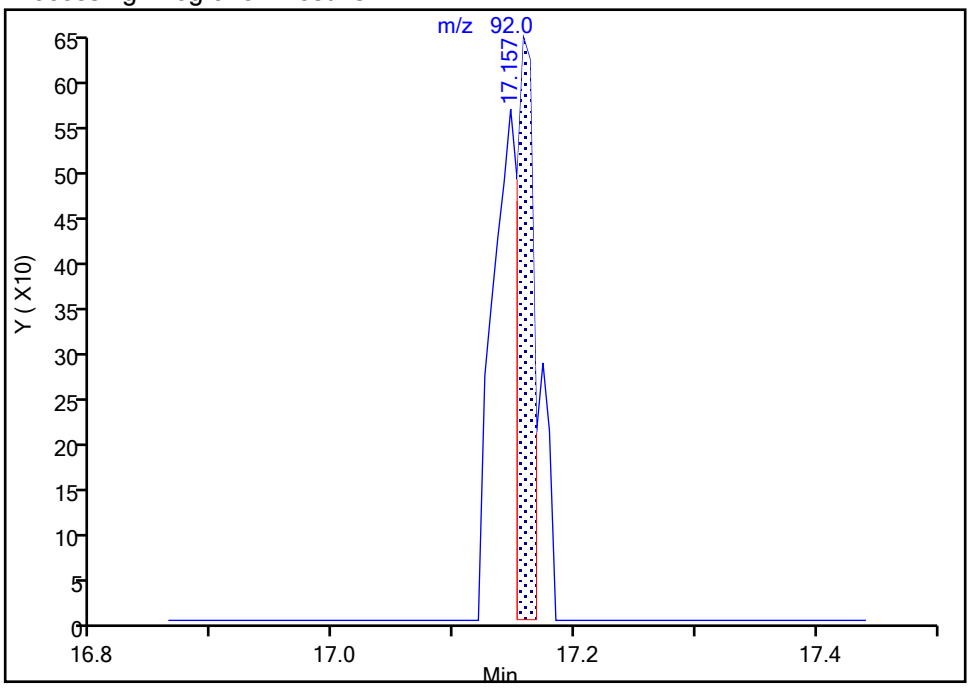
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

62 Toluene, CAS: 108-88-3

Signal: 1

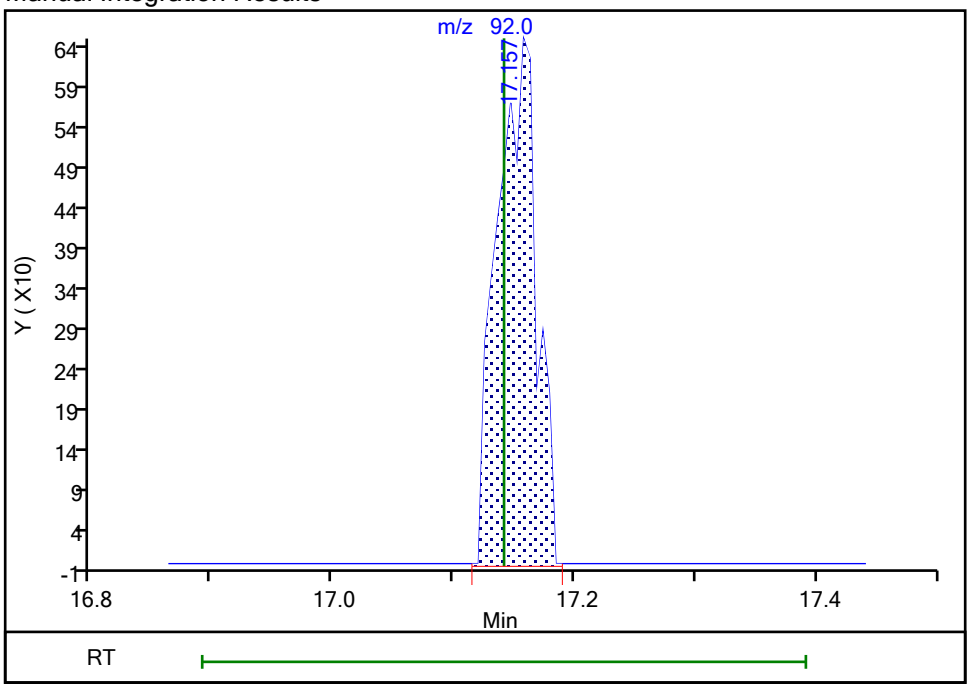
Processing Integration Results

RT: 17.16
Area: 630
Amount: 0.012551
Amount Units: ppb v/v



Manual Integration Results

RT: 17.16
Area: 1471
Amount: 0.035670
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:57:47 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

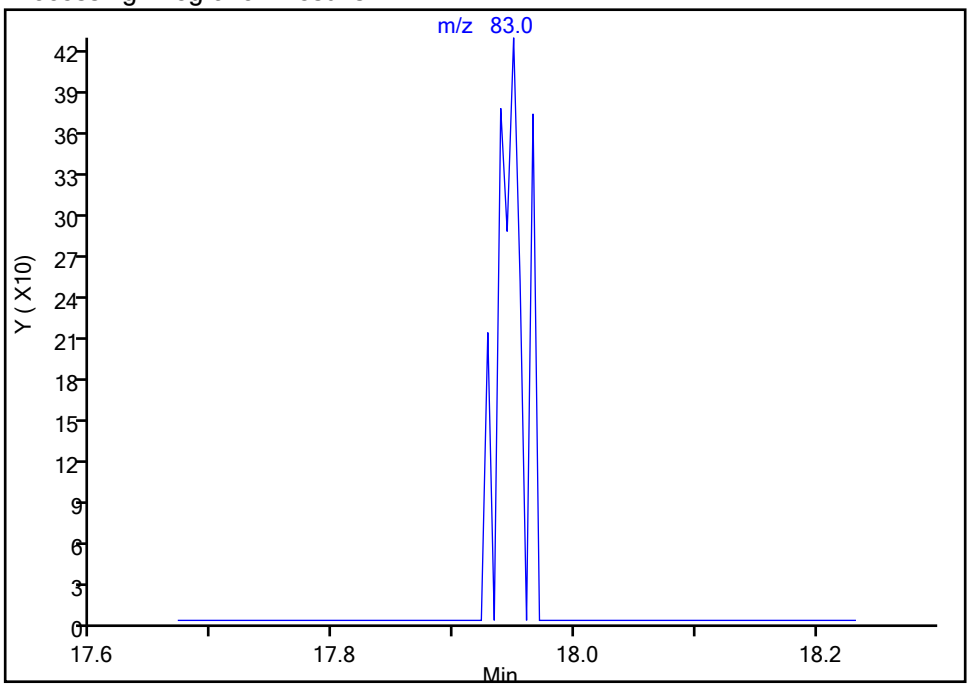
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

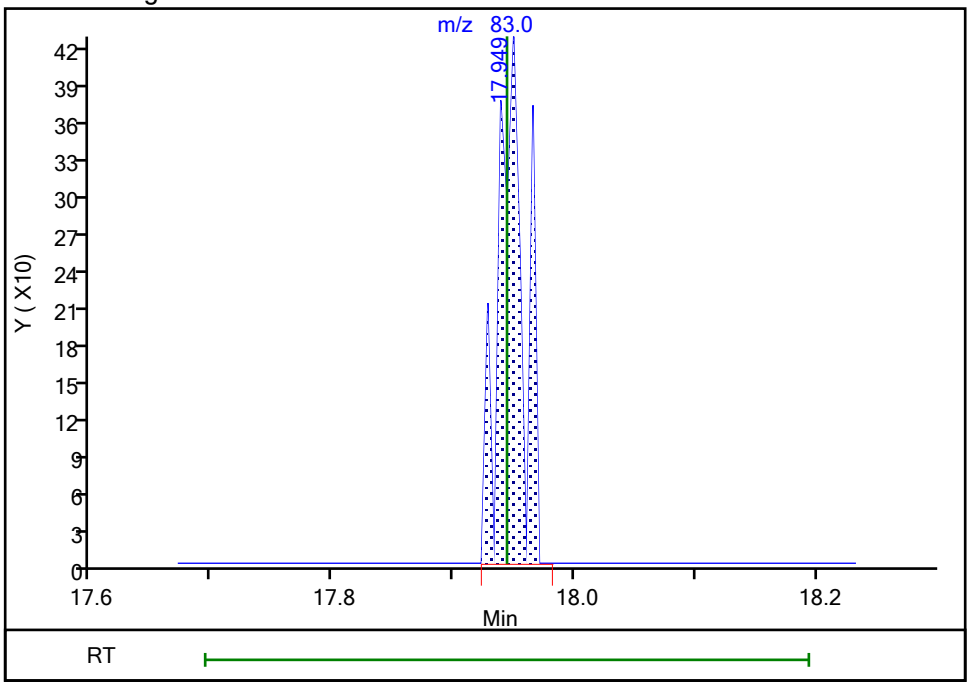
Not Detected
Expected RT: 17.94

Processing Integration Results



Manual Integration Results

RT: 17.95
Area: 607
Amount: 0.032119
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:58:03 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

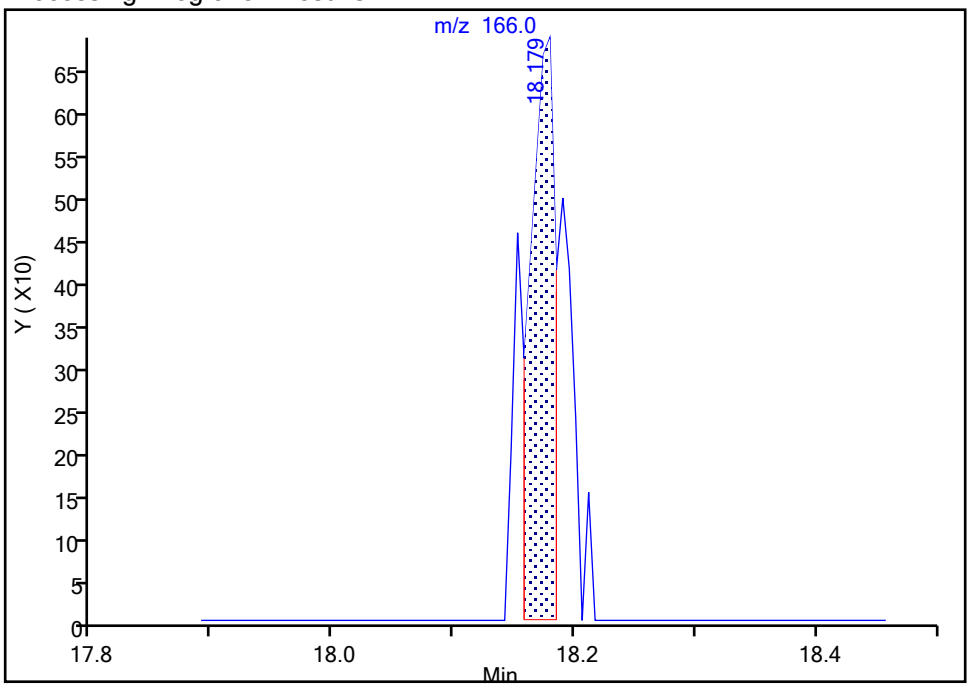
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d
Injection Date: 11-Aug-2025 17:58:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

68 Tetrachloroethene, CAS: 127-18-4

Signal: 1

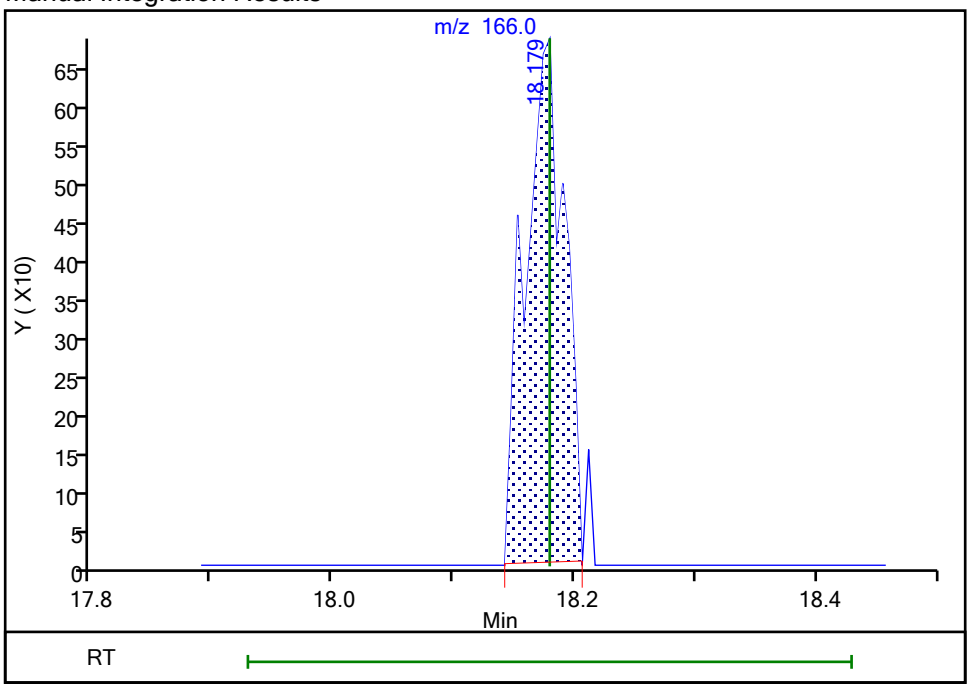
Processing Integration Results

RT: 18.18
Area: 979
Amount: 0.019786
Amount Units: ppb v/v



Manual Integration Results

RT: 18.18
Area: 1545
Amount: 0.039014
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:58:15 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

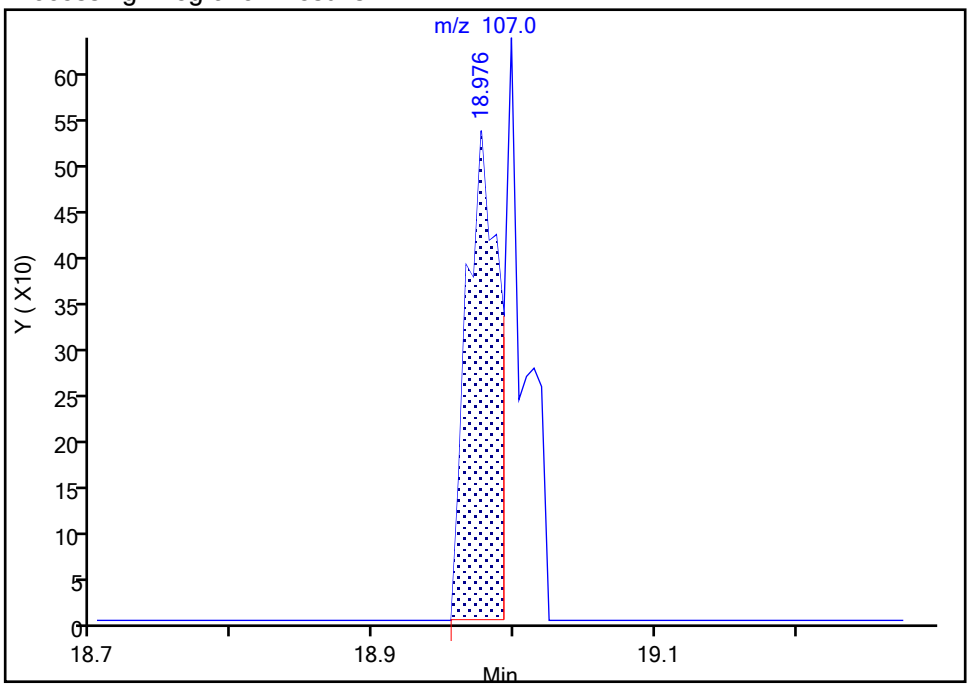
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

71 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

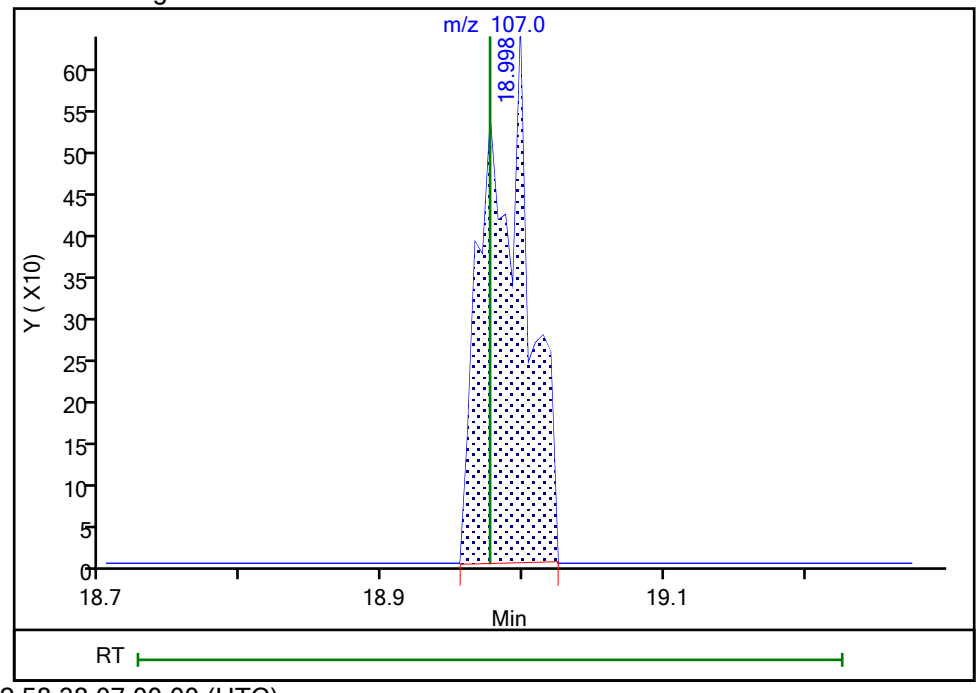
Processing Integration Results

RT: 18.98
Area: 836
Amount: 0.018424
Amount Units: ppb v/v



Manual Integration Results

RT: 19.00
Area: 1364
Amount: 0.035488
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:58:38 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

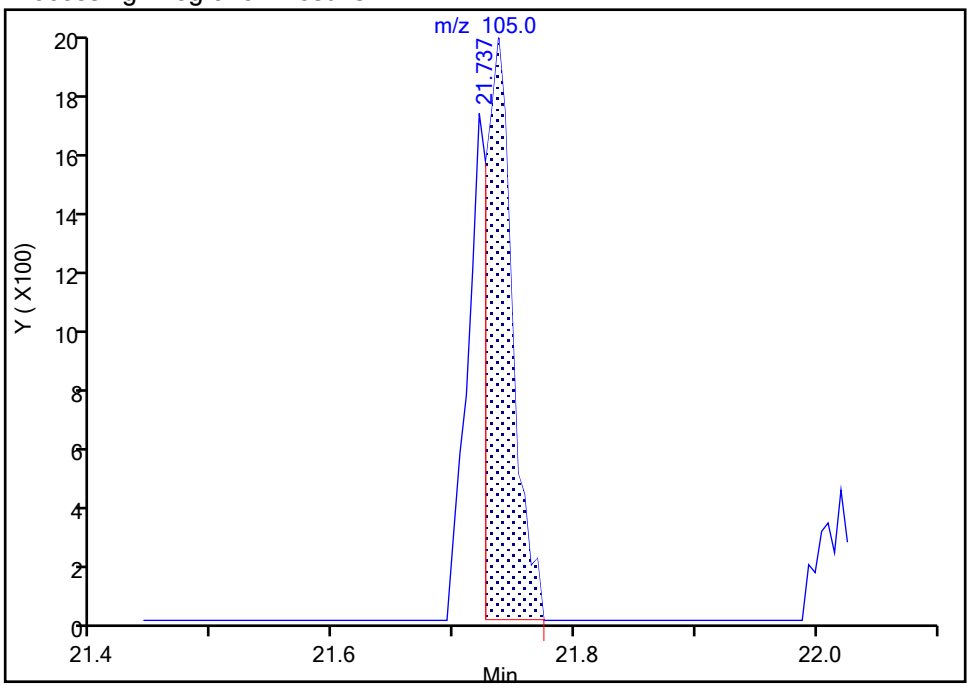
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d
Injection Date: 11-Aug-2025 17:58:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

82 Isopropylbenzene, CAS: 98-82-8

Signal: 1

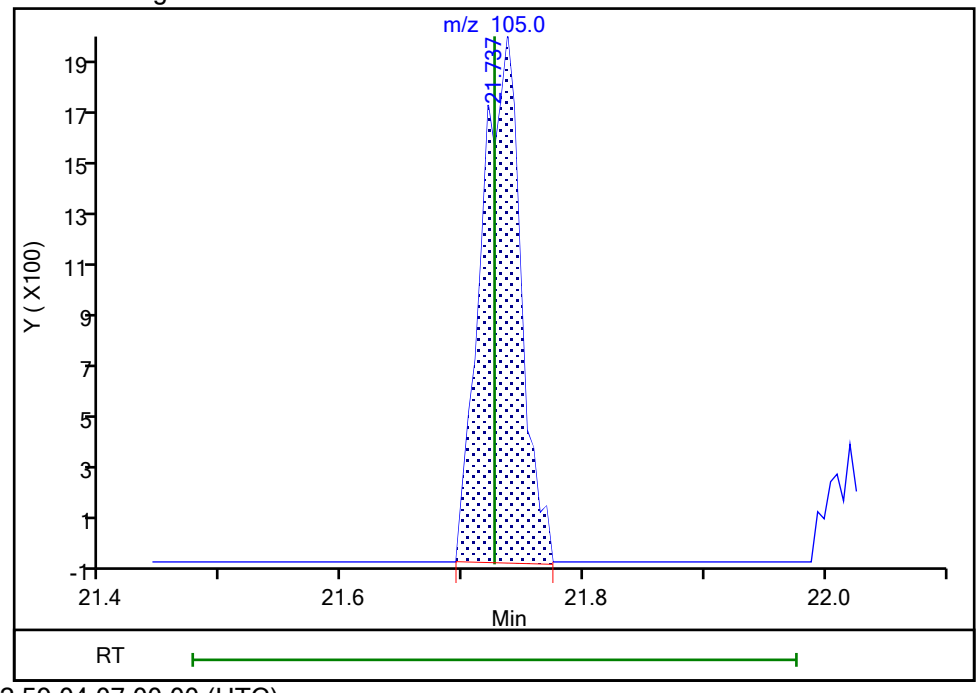
Processing Integration Results

RT: 21.74
Area: 3049
Amount: 0.020900
Amount Units: ppb v/v



Manual Integration Results

RT: 21.74
Area: 4533
Amount: 0.039012
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:59:04 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

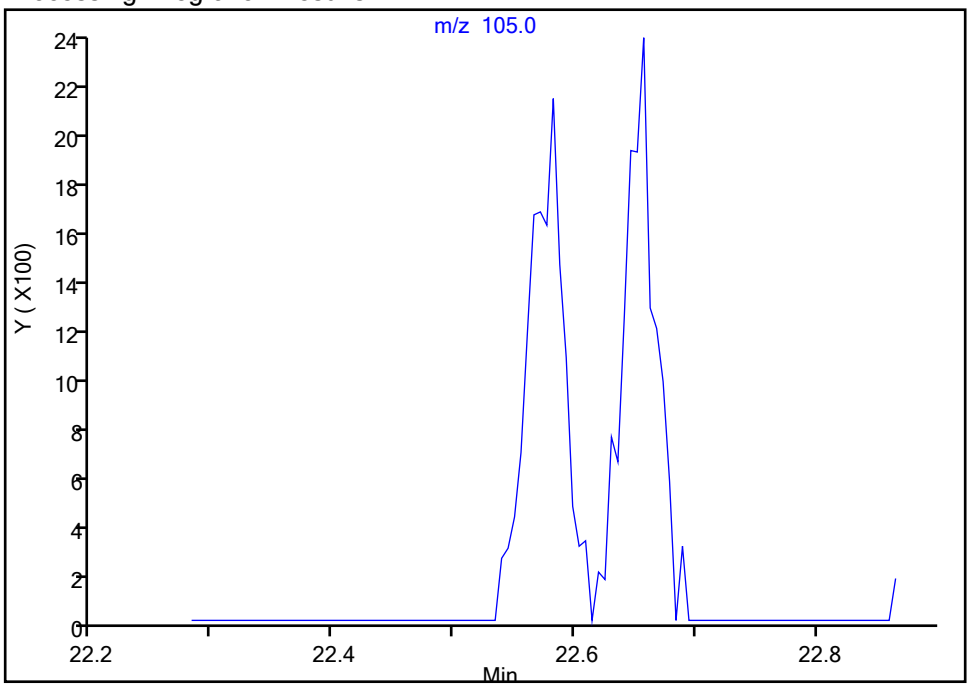
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

87 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

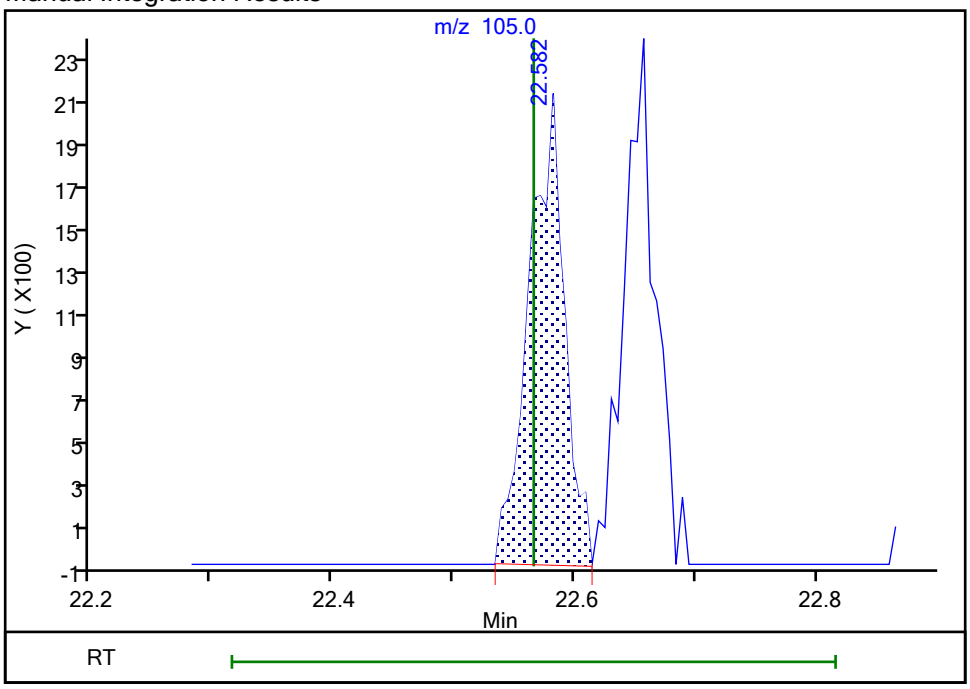
Not Detected
Expected RT: 22.57

Processing Integration Results



Manual Integration Results

RT: 22.58
Area: 4307
Amount: 0.037877
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:59:18 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

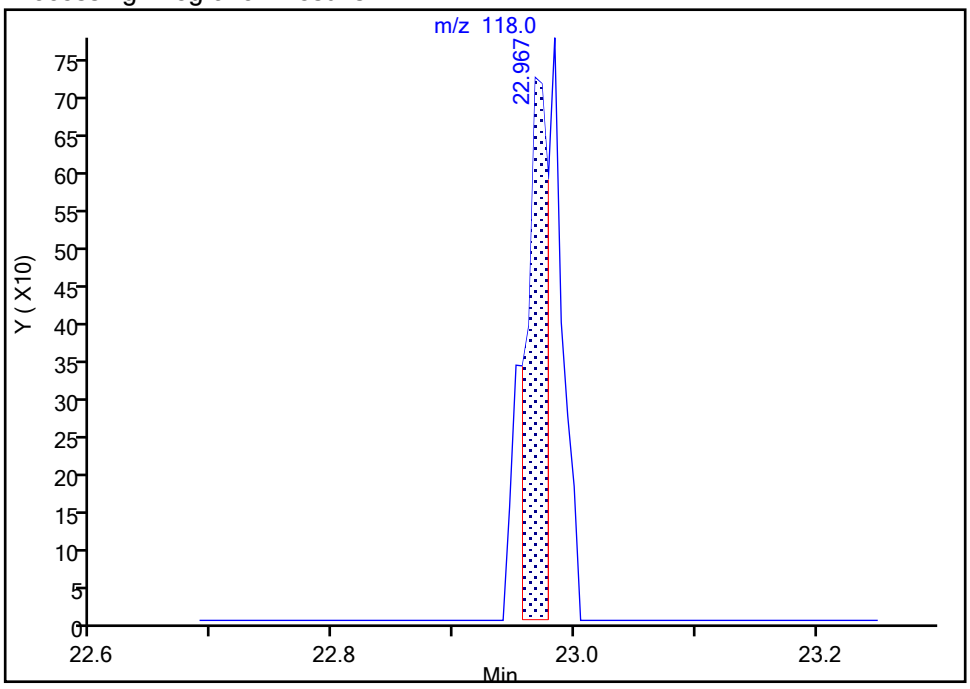
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 Alpha Methyl Styrene, CAS: 98-83-9

Signal: 1

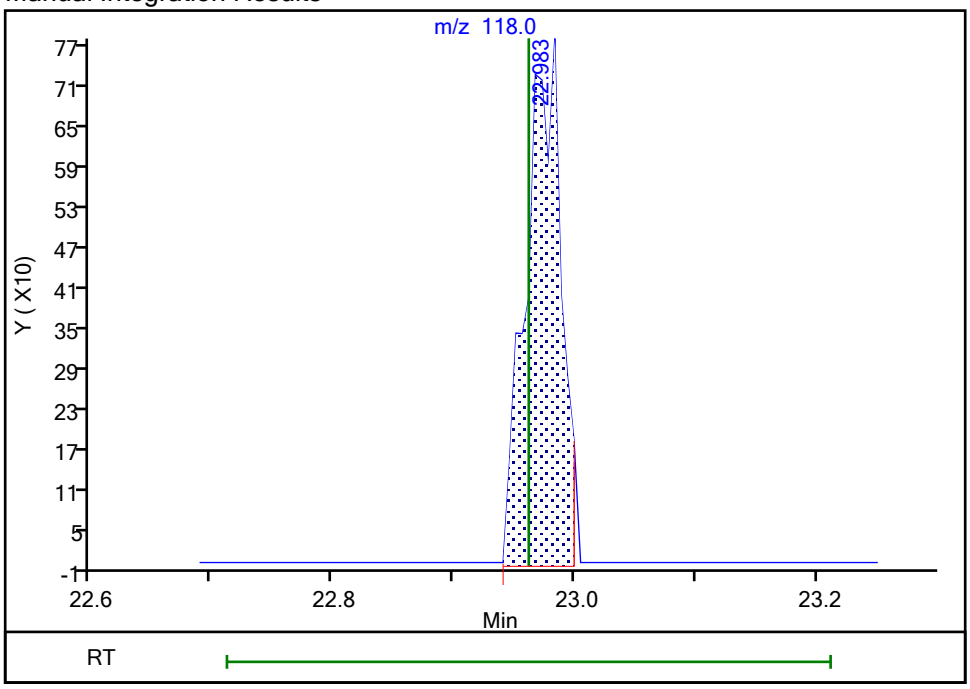
Processing Integration Results

RT: 22.97
Area: 883
Amount: 0.015402
Amount Units: ppb v/v



Manual Integration Results

RT: 22.98
Area: 1575
Amount: 0.031842
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:59:34 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

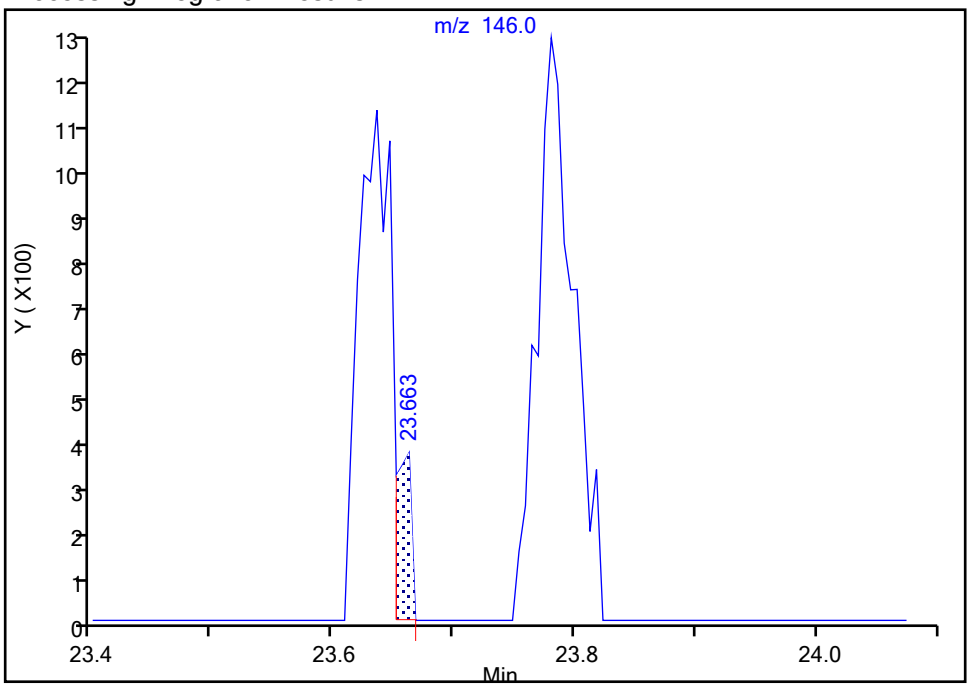
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

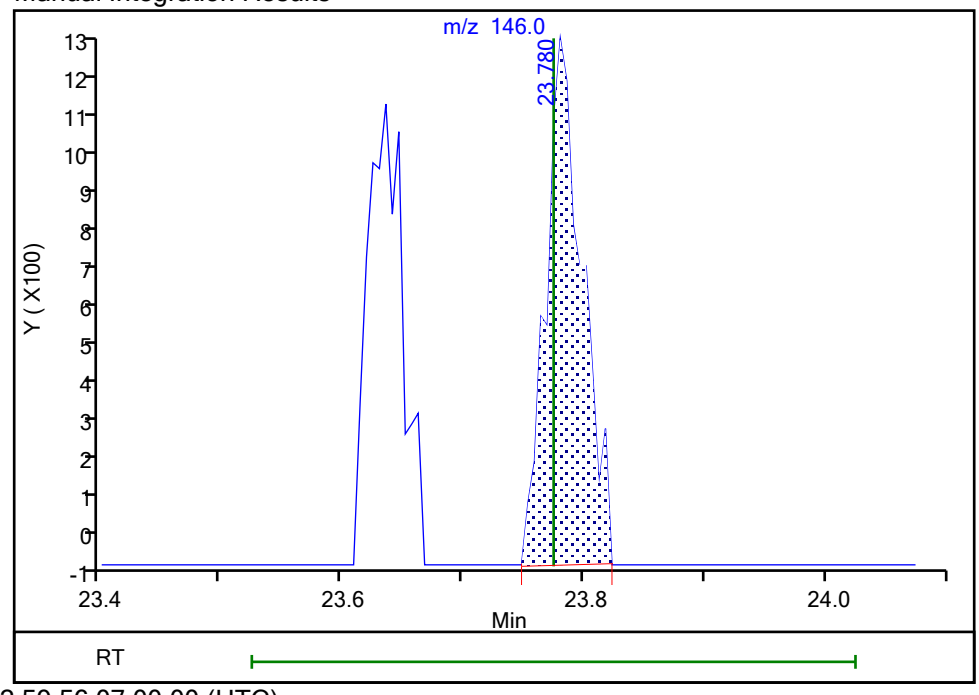
Processing Integration Results

RT: 23.66
Area: 328
Amount: 0.004365
Amount Units: ppb v/v



Manual Integration Results

RT: 23.78
Area: 2676
Amount: 0.039900
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 12:59:56 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

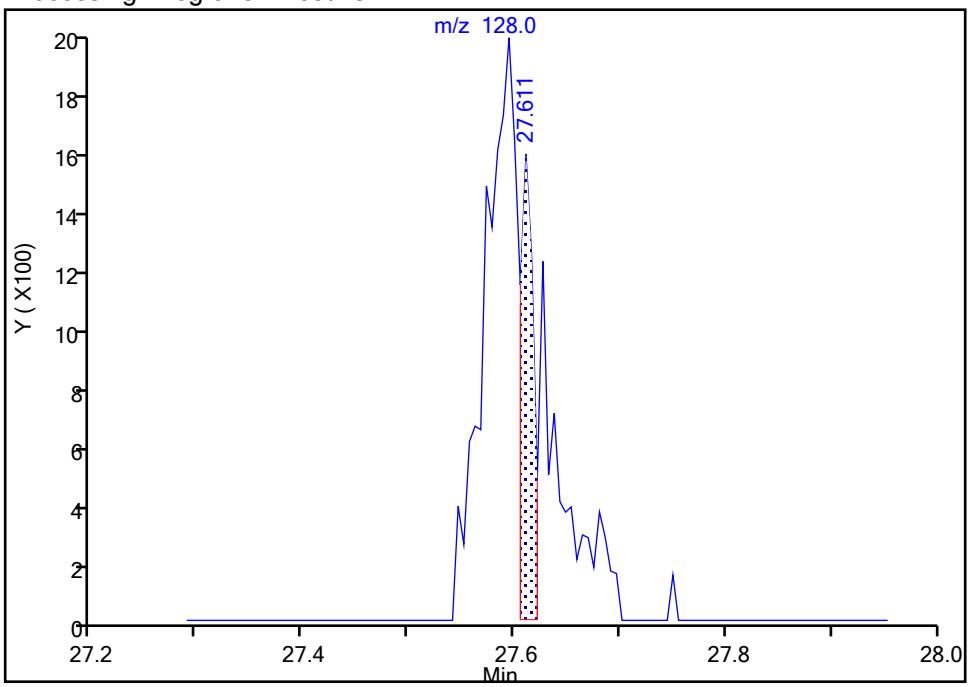
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

104 Naphthalene, CAS: 91-20-3

Signal: 1

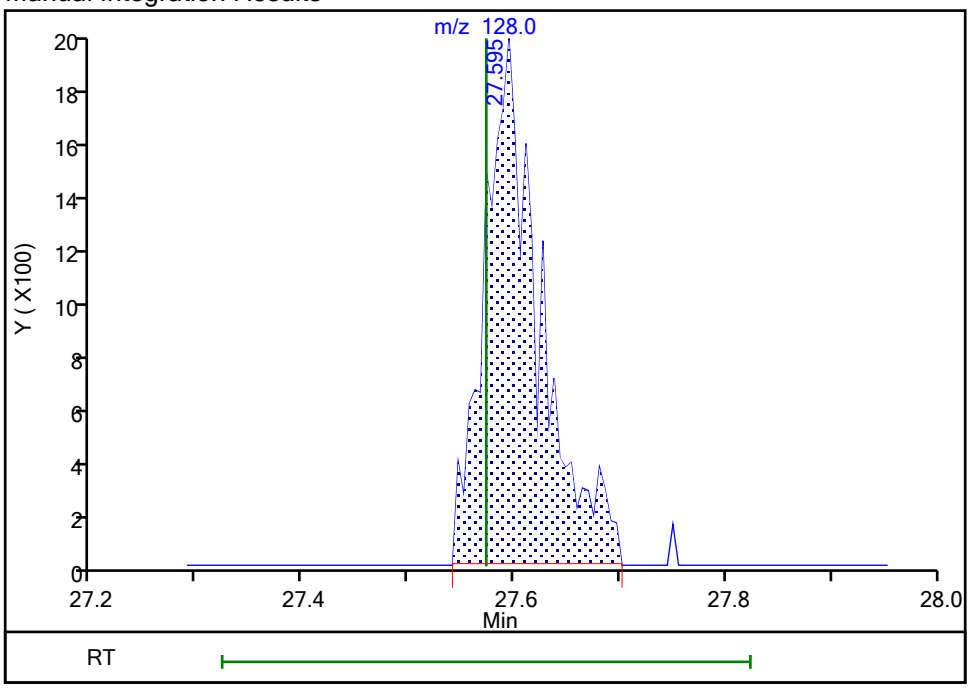
Processing Integration Results

RT: 27.61
Area: 1424
Amount: 0.013324
Amount Units: ppb v/v



Manual Integration Results

RT: 27.59
Area: 7121
Amount: 0.060049
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 13:02:43 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

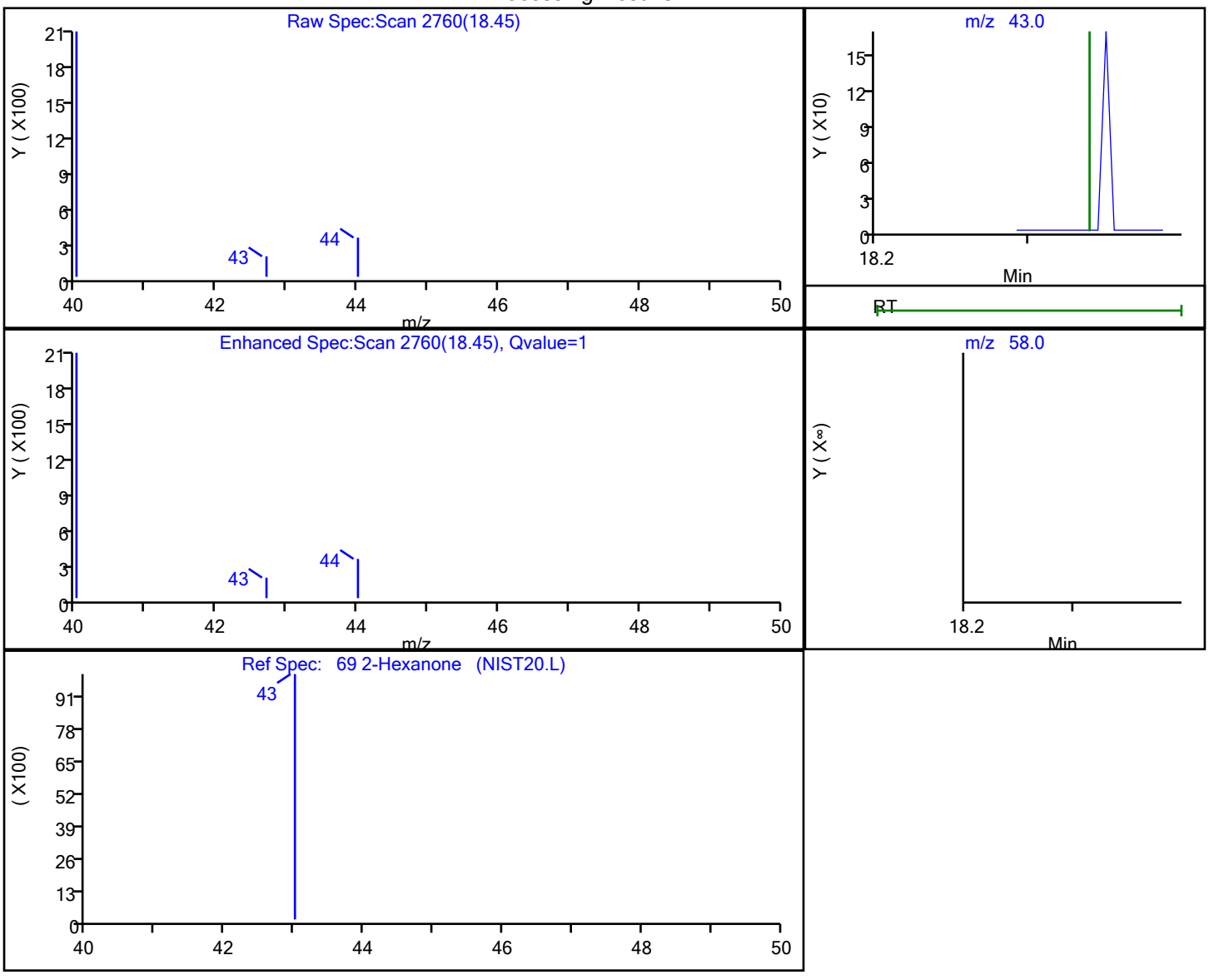
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

69 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
18.45	43.00	158	0.003966
18.33	58.00	0	

Reviewer: YWL8, 12-Aug-2025 12:58:23 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

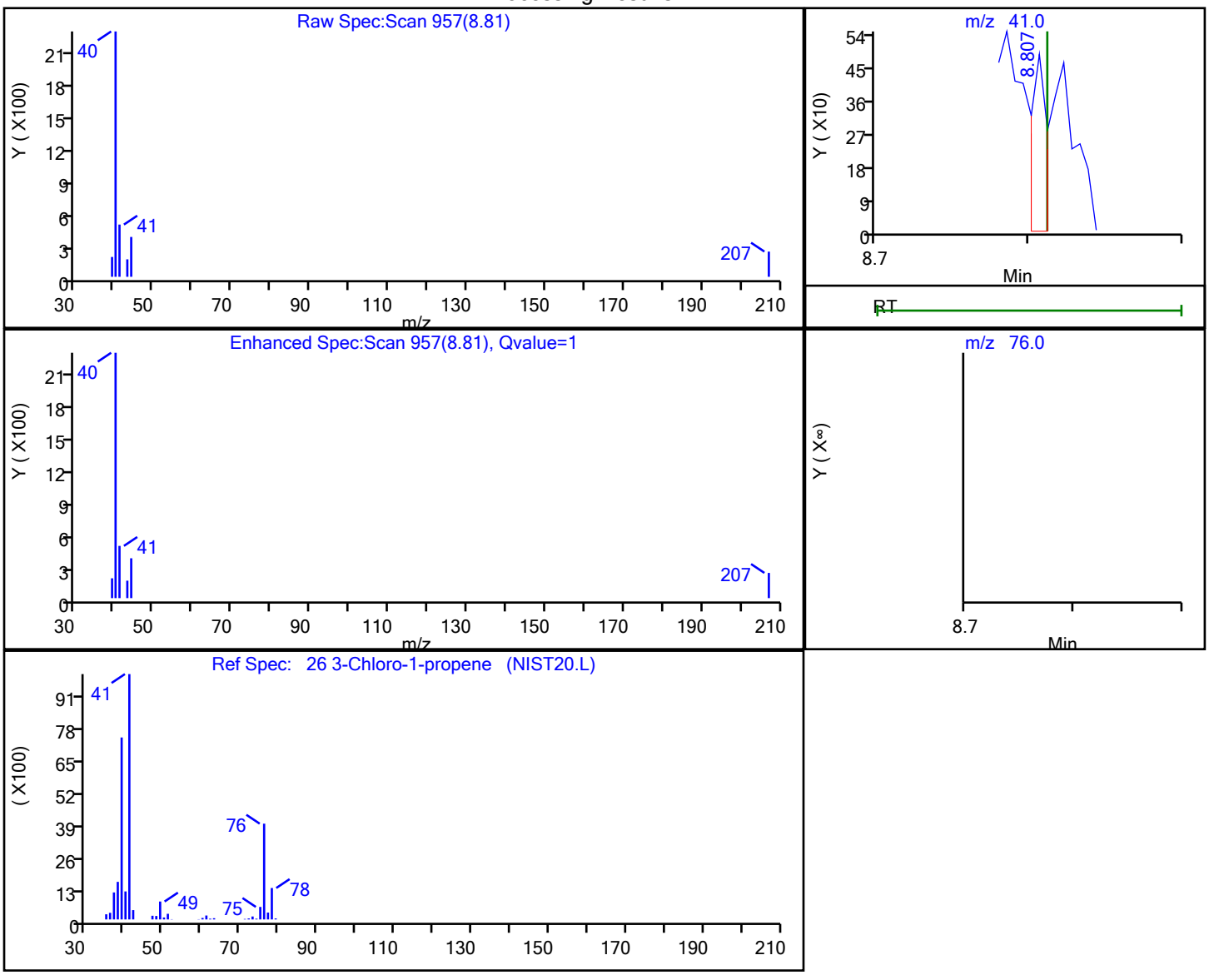
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
8.81	41.00	345	0.013045
8.81	76.00	0	

Reviewer: YWL8, 12-Aug-2025 12:52:30 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

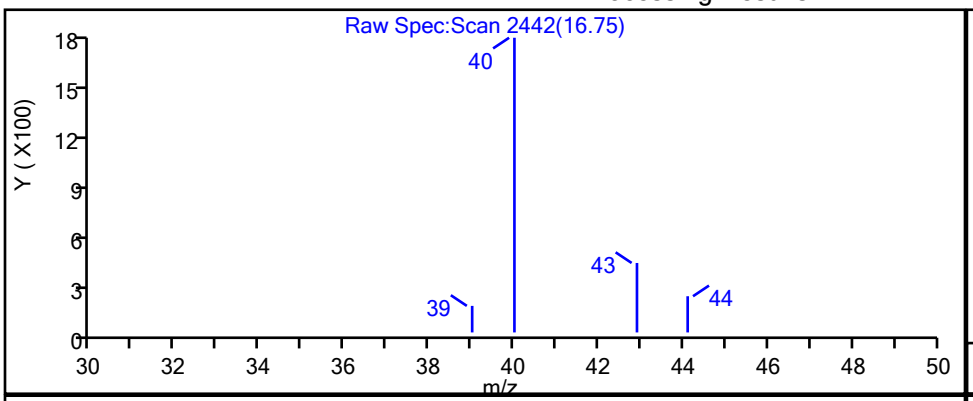
User Disabled Compound Report

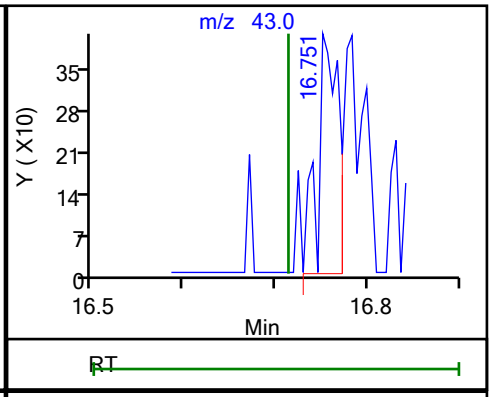
Eurofins Burlington

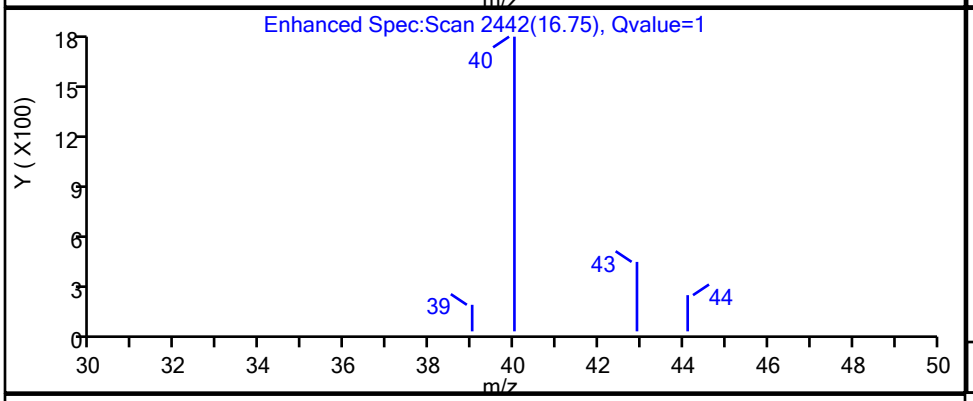
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

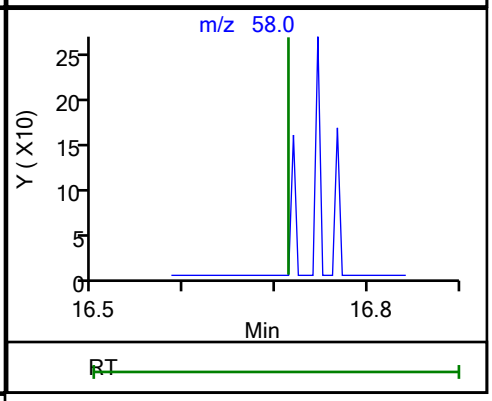
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

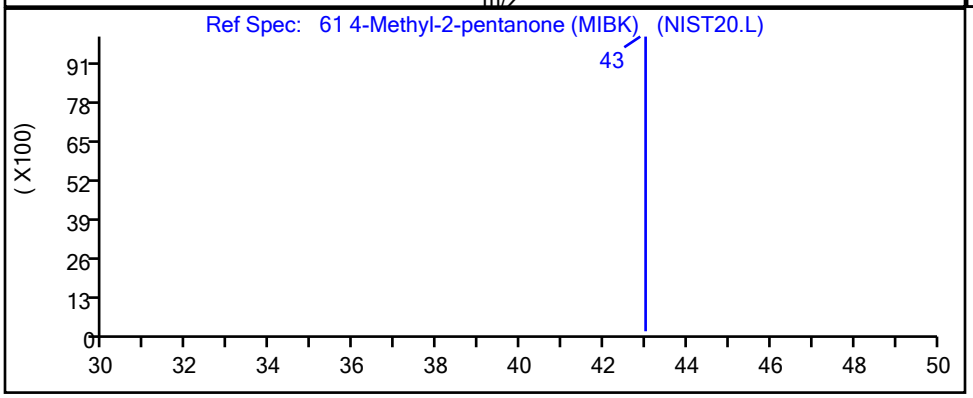
Processing Results











RT	Mass	Response	Amount
16.75	43.00	634	0.013710
16.71	58.00	0	

Reviewer: YWL8, 12-Aug-2025 12:57:36 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

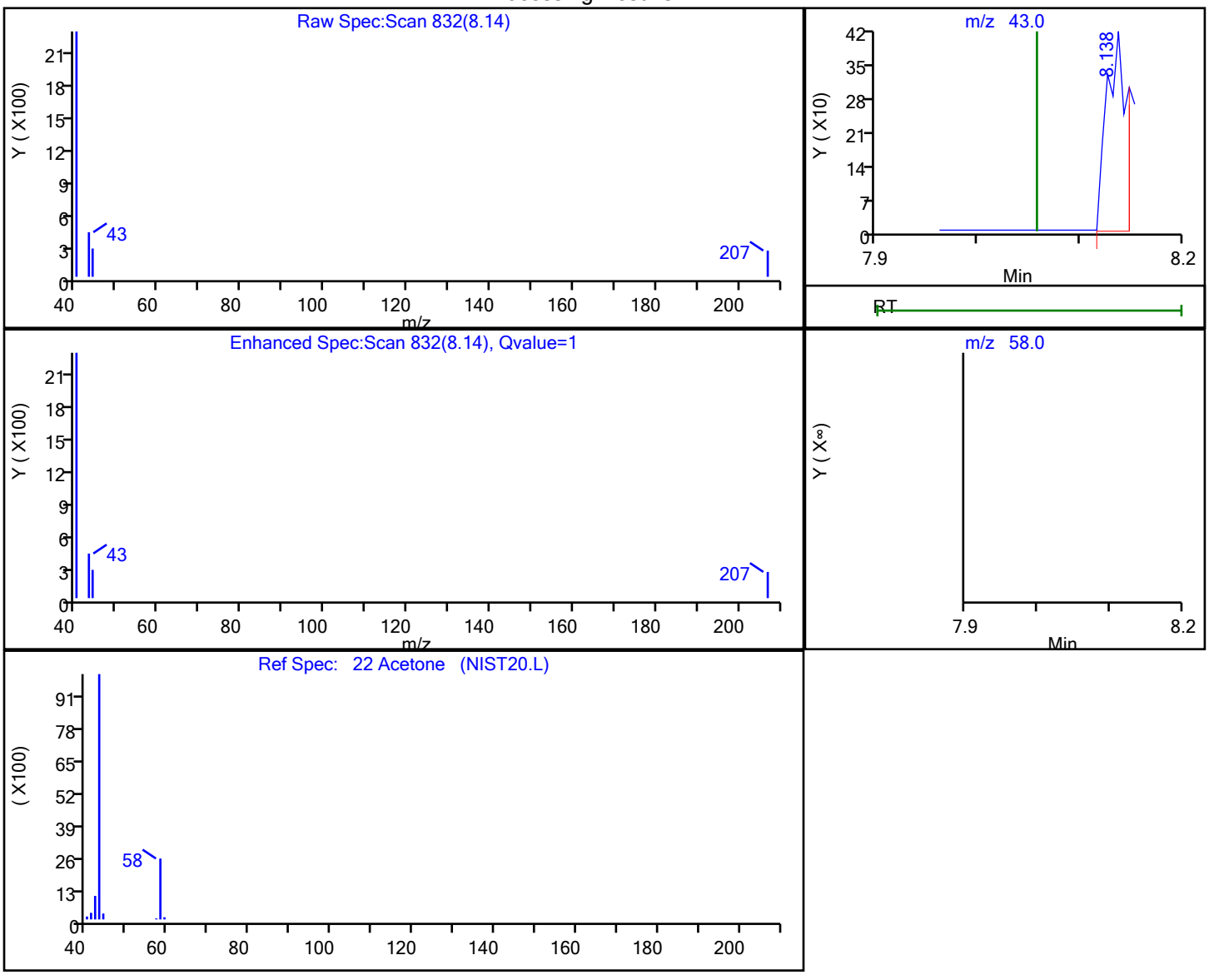
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
8.14	43.00	554	0.014824
8.06	58.00	0	

Reviewer: YWL8, 12-Aug-2025 12:51:56 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

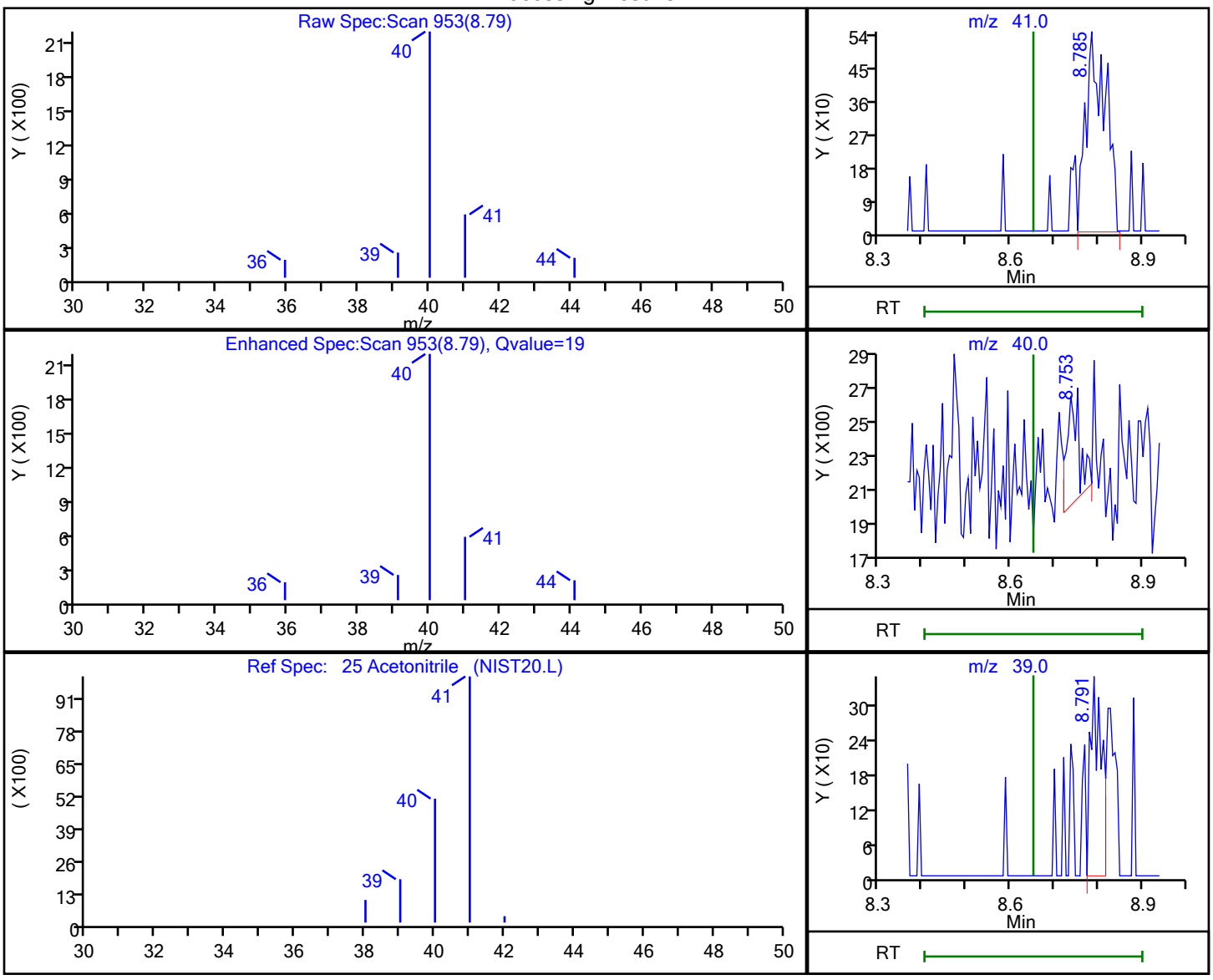
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

25 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
8.79	41.00	1712	0.074089
8.75	40.00	1137	
8.79	39.00	606	

Reviewer: YWL8, 12-Aug-2025 12:52:19 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

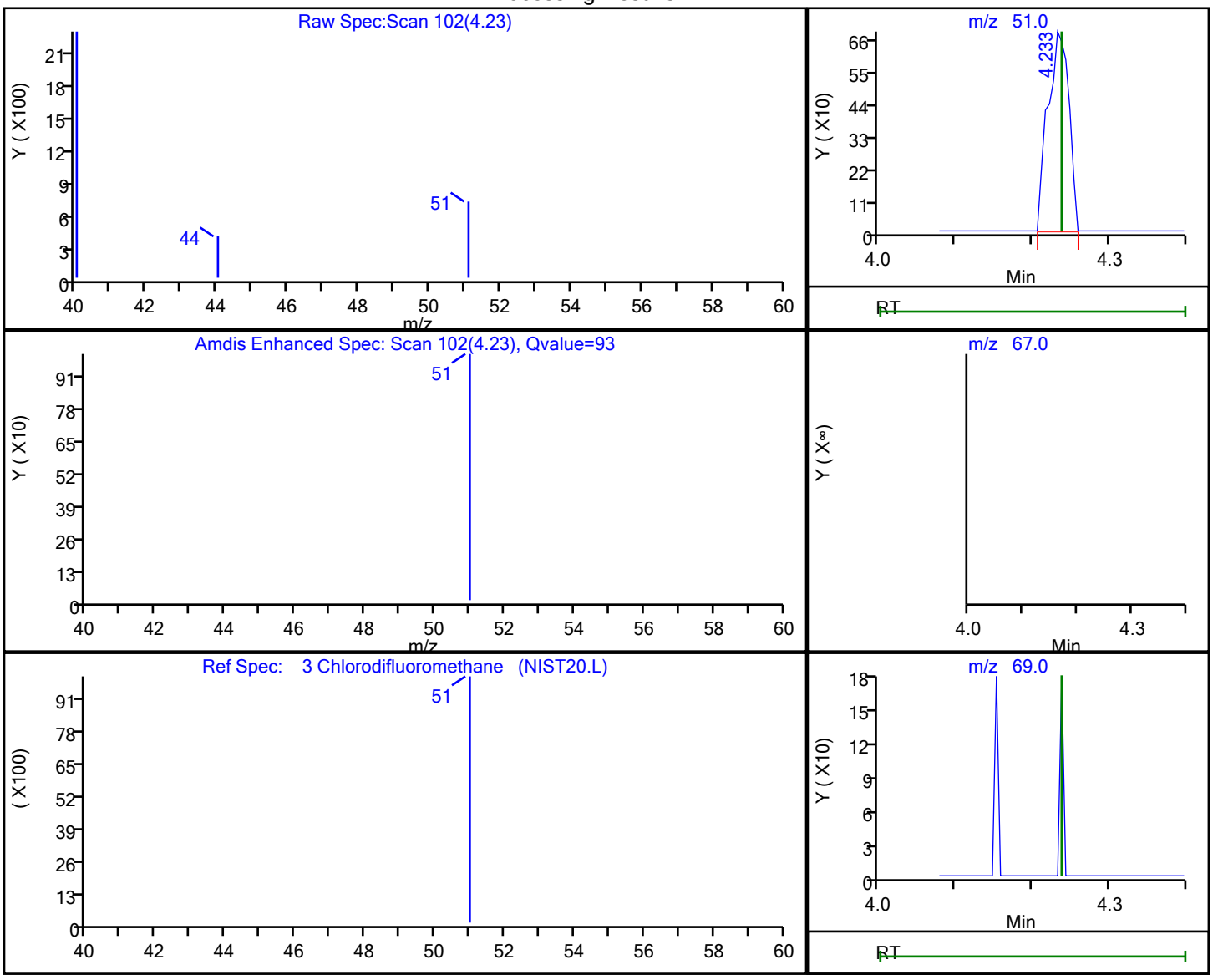
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
4.23	51.00	1323	0.031325
4.24	67.00	0	
4.24	69.00	0	

Reviewer: YWL8, 12-Aug-2025 12:48:29 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

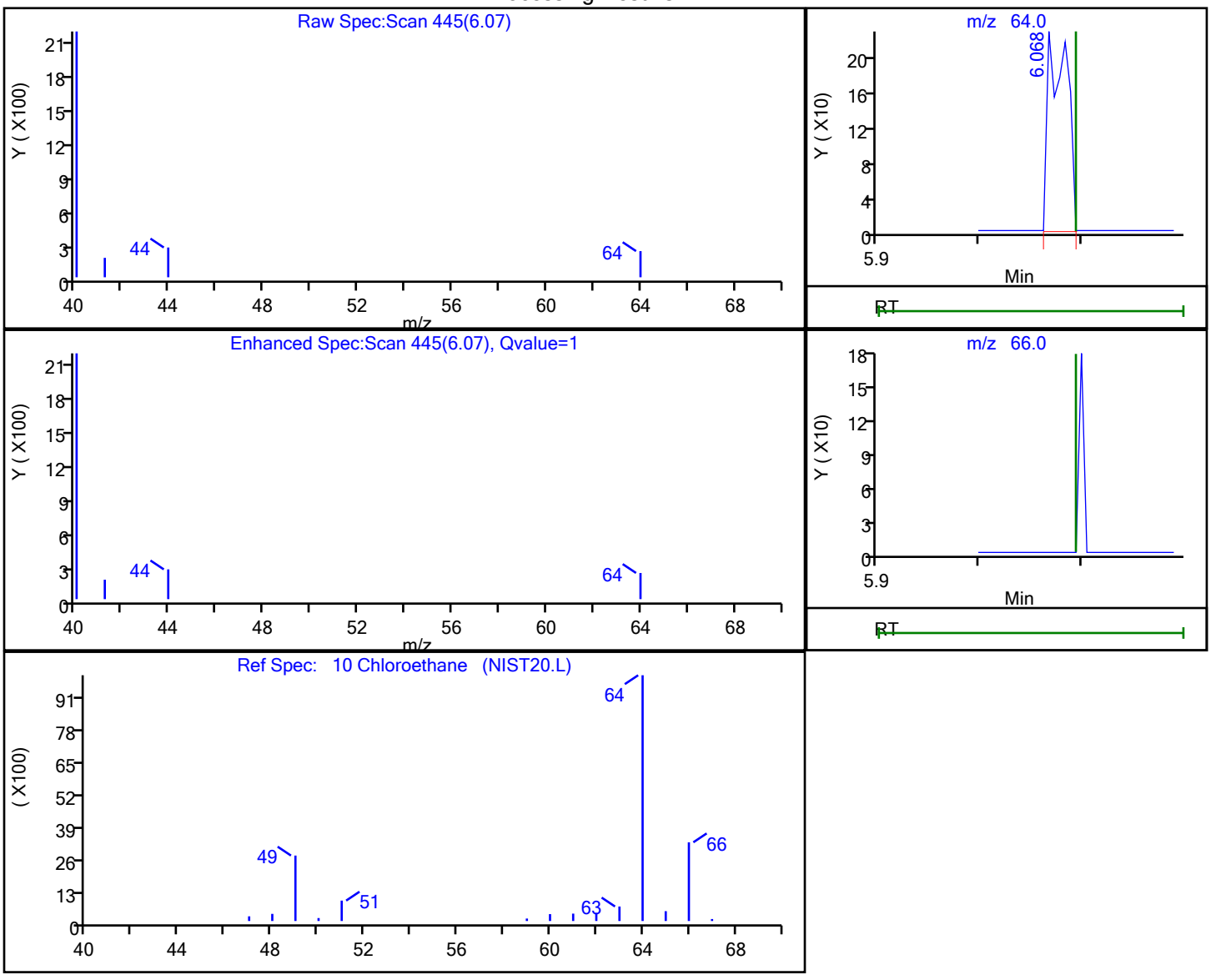
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
6.07	64.00	295	0.024885
6.10	66.00	0	

Reviewer: YWL8, 12-Aug-2025 12:49:25 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

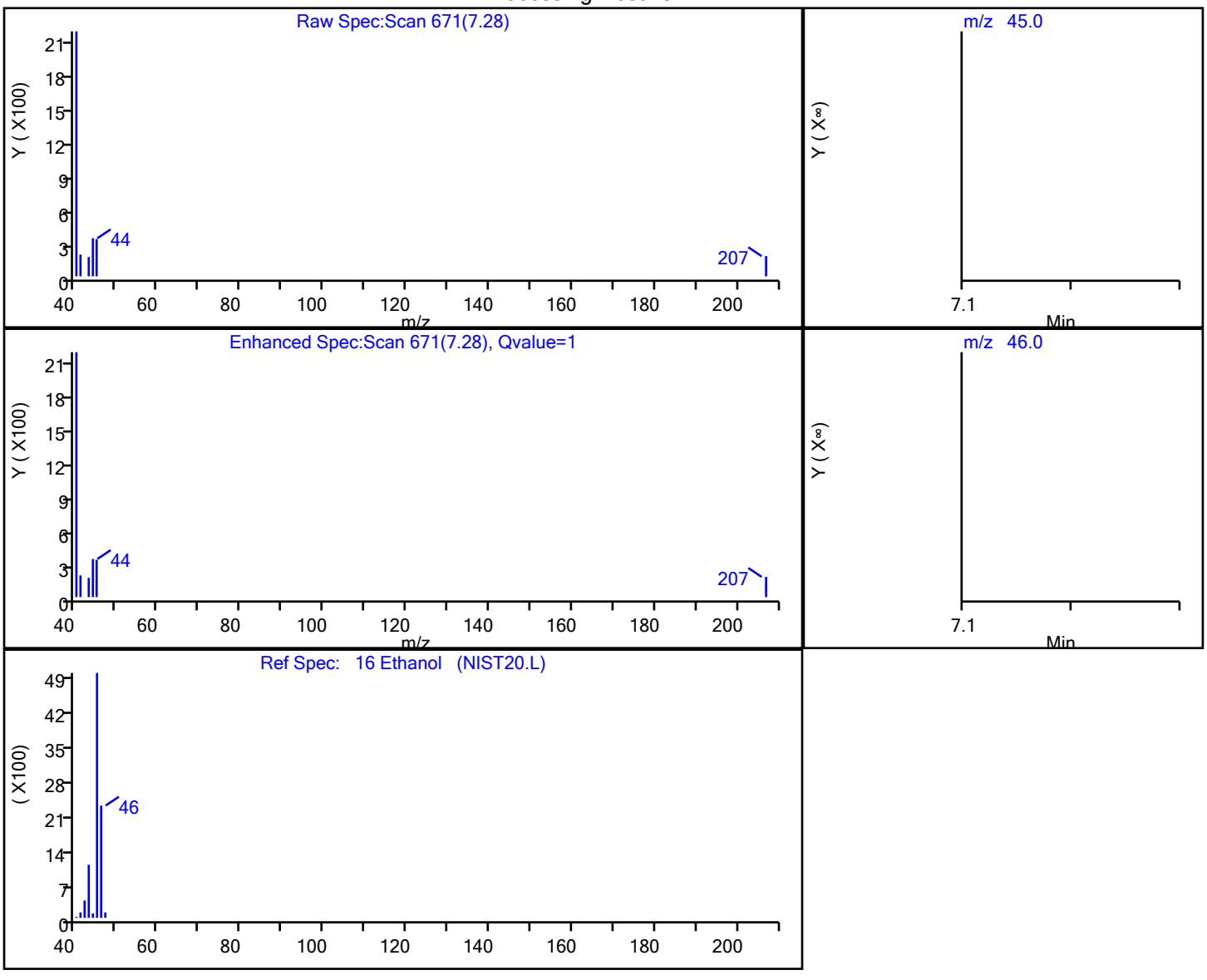
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

16 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
7.28	45.00	104	0.017354
7.17	46.00	0	

Reviewer: YWL8, 12-Aug-2025 12:51:10 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

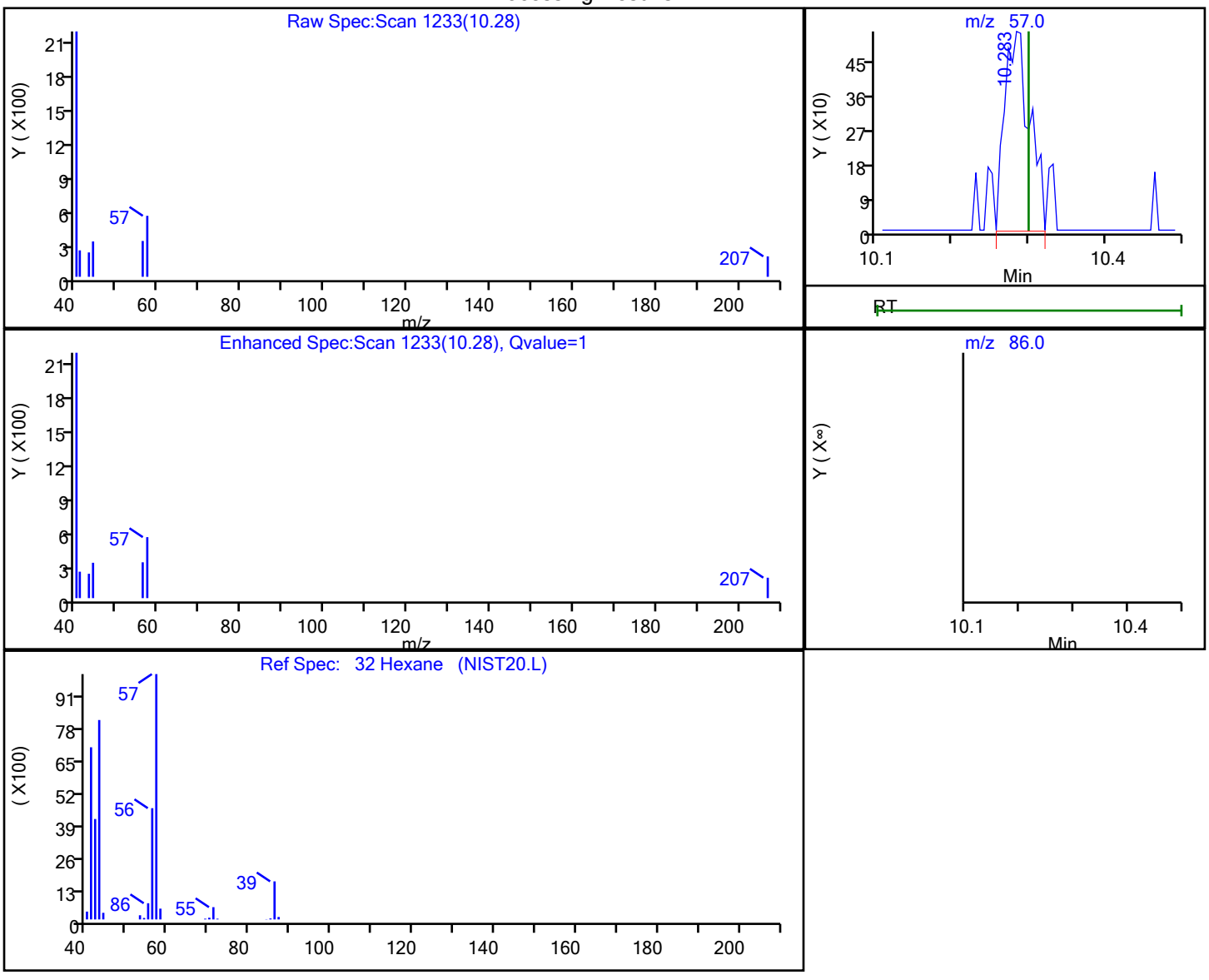
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

32 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
10.28	57.00	1202	0.030959
10.30	86.00	0	

Reviewer: YWL8, 12-Aug-2025 12:55:26 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

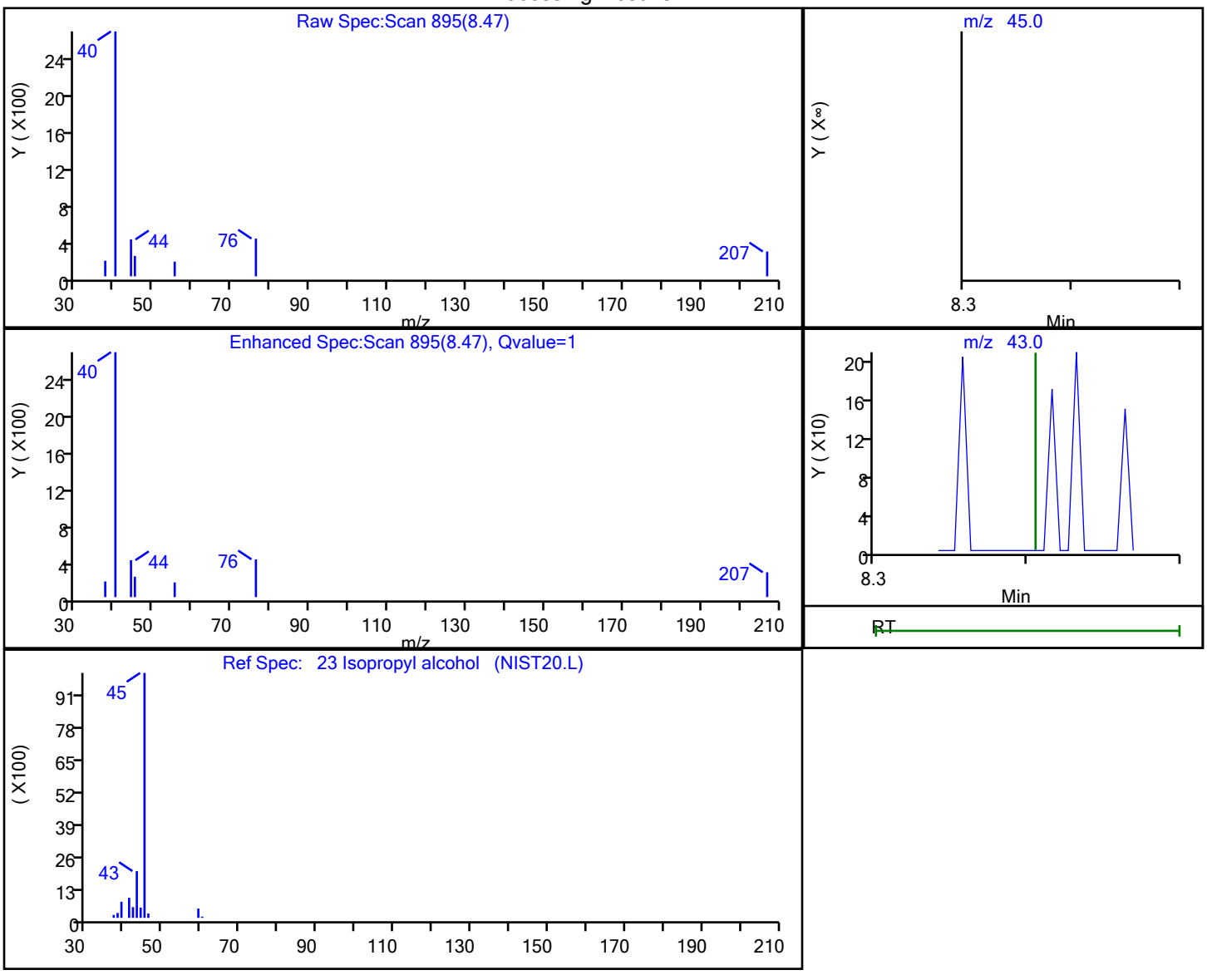
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
8.47	45.00	123	0.004349
8.41	43.00	0	

Reviewer: YWL8, 12-Aug-2025 12:51:59 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

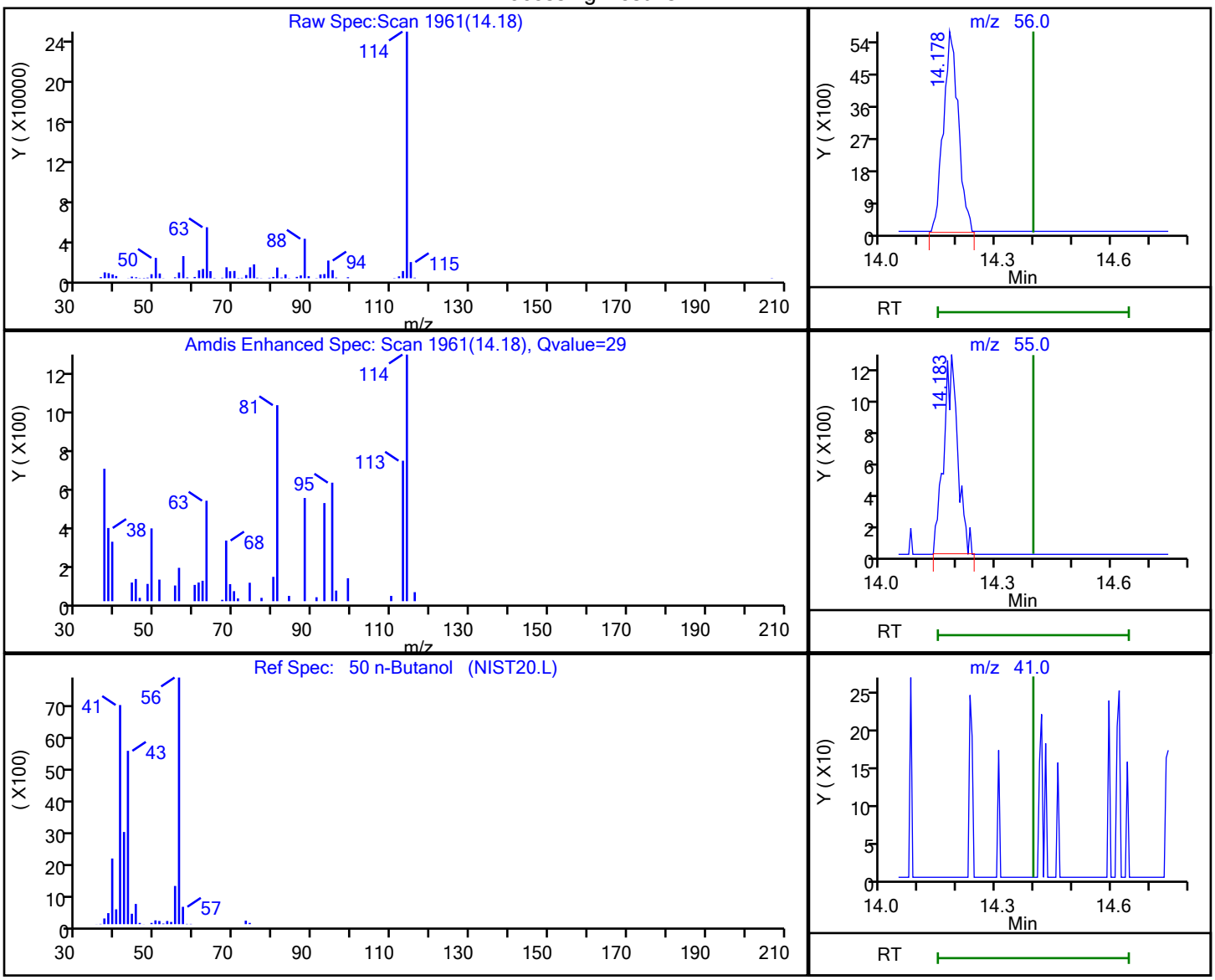
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
14.18	56.00	15273	0.152582
14.18	55.00	3128	
14.40	41.00	0	

Reviewer: YWL8, 12-Aug-2025 12:57:02 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

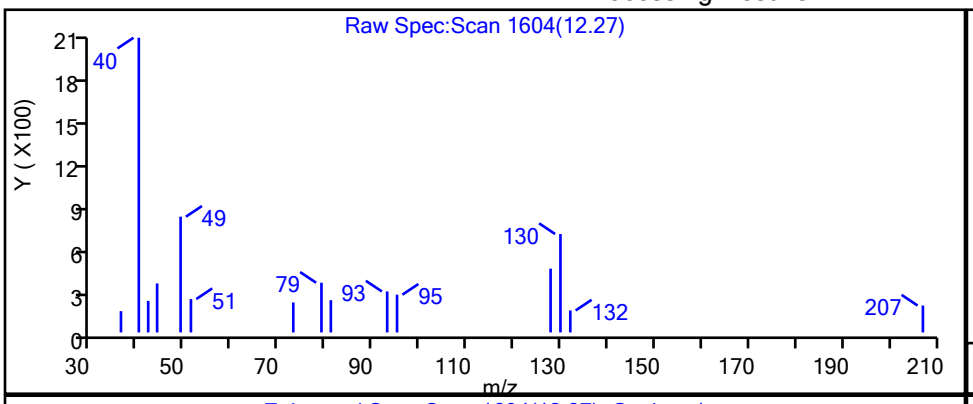
User Disabled Compound Report

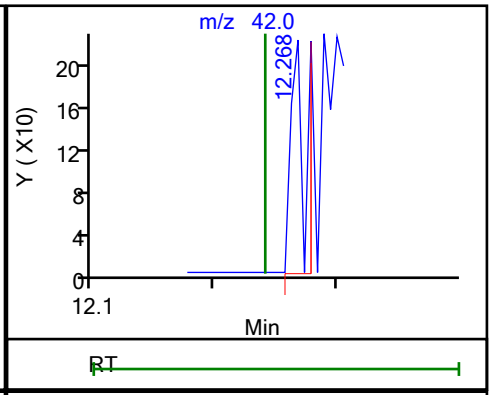
Eurofins Burlington

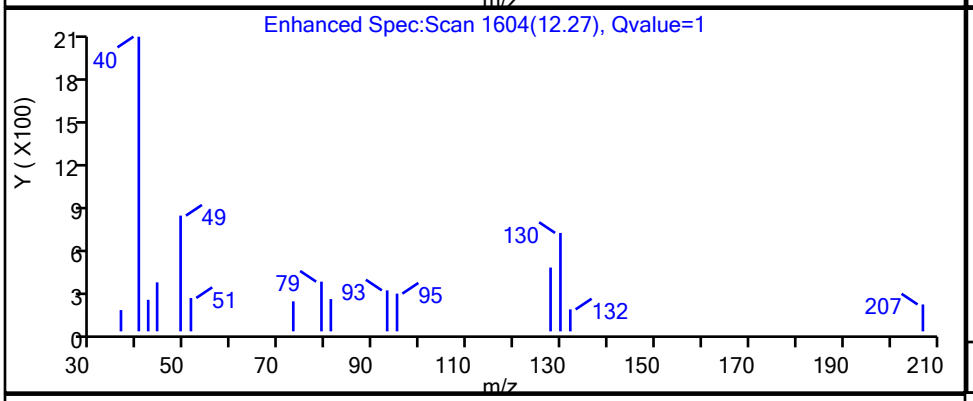
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

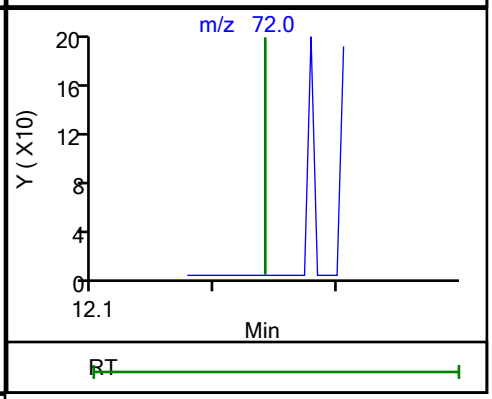
40 Tetrahydrofuran, CAS: 109-99-9

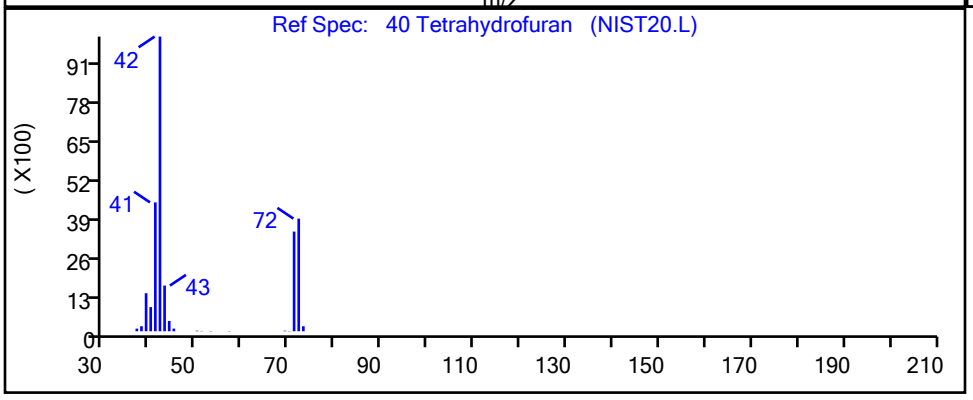
Processing Results











RT	Mass	Response	Amount
12.27	42.00	196	0.008660
12.23	72.00	0	

Reviewer: YWL8, 12-Aug-2025 12:56:10 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

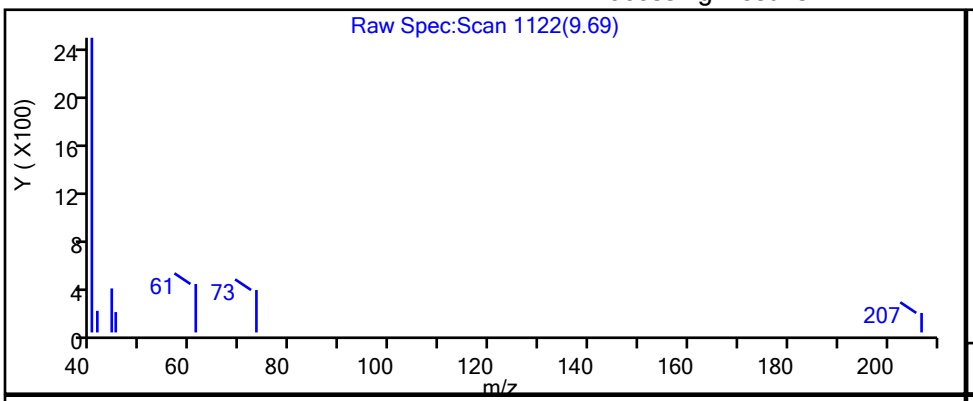
User Disabled Compound Report

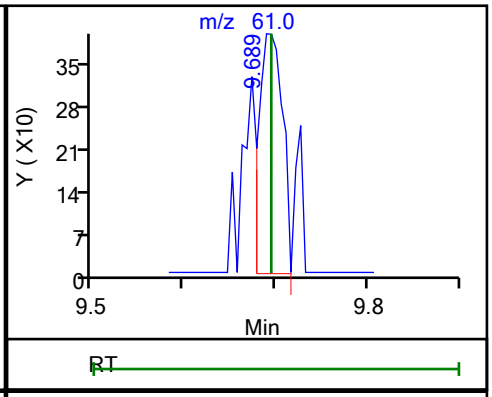
Eurofins Burlington

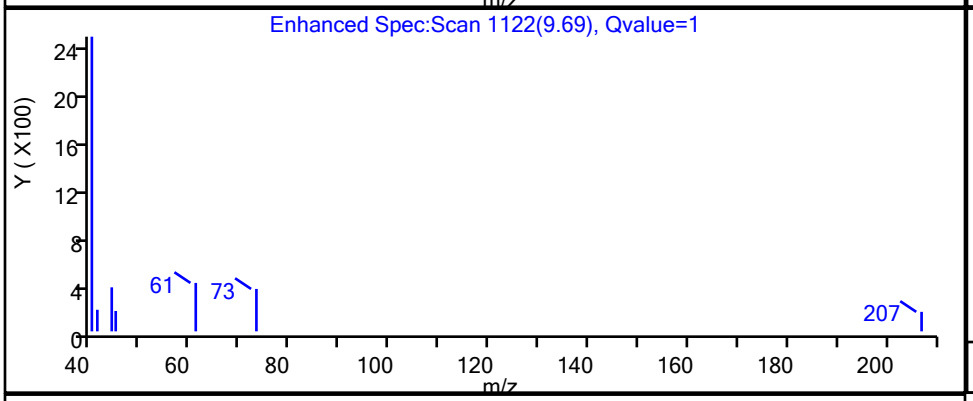
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

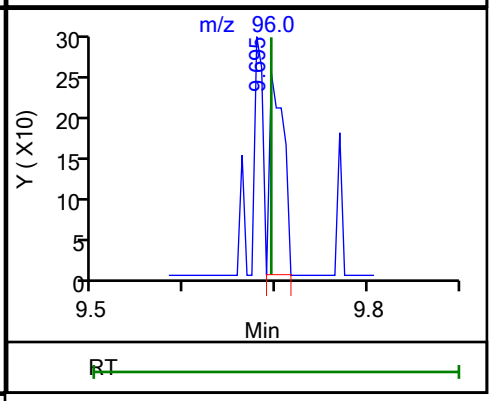
30 trans-1,2-Dichloroethene, CAS: 156-60-5

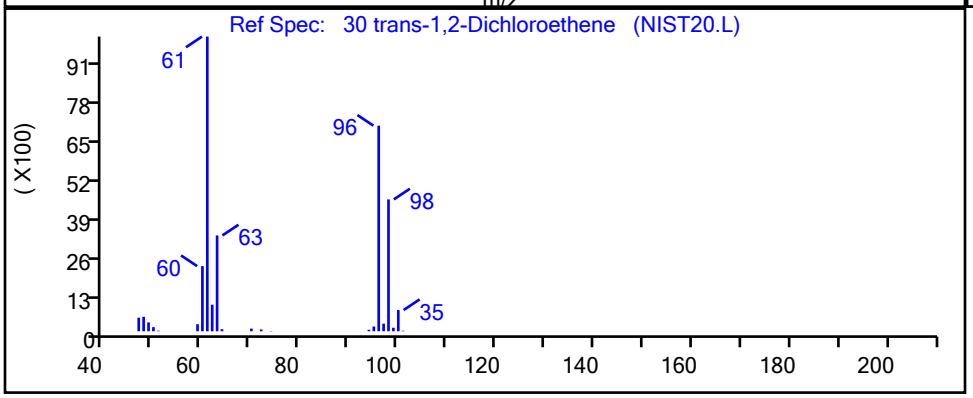
Processing Results











RT	Mass	Response	Amount
9.69	61.00	701	0.022103
9.69	96.00	267	

Reviewer: YWL8, 12-Aug-2025 12:55:23 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

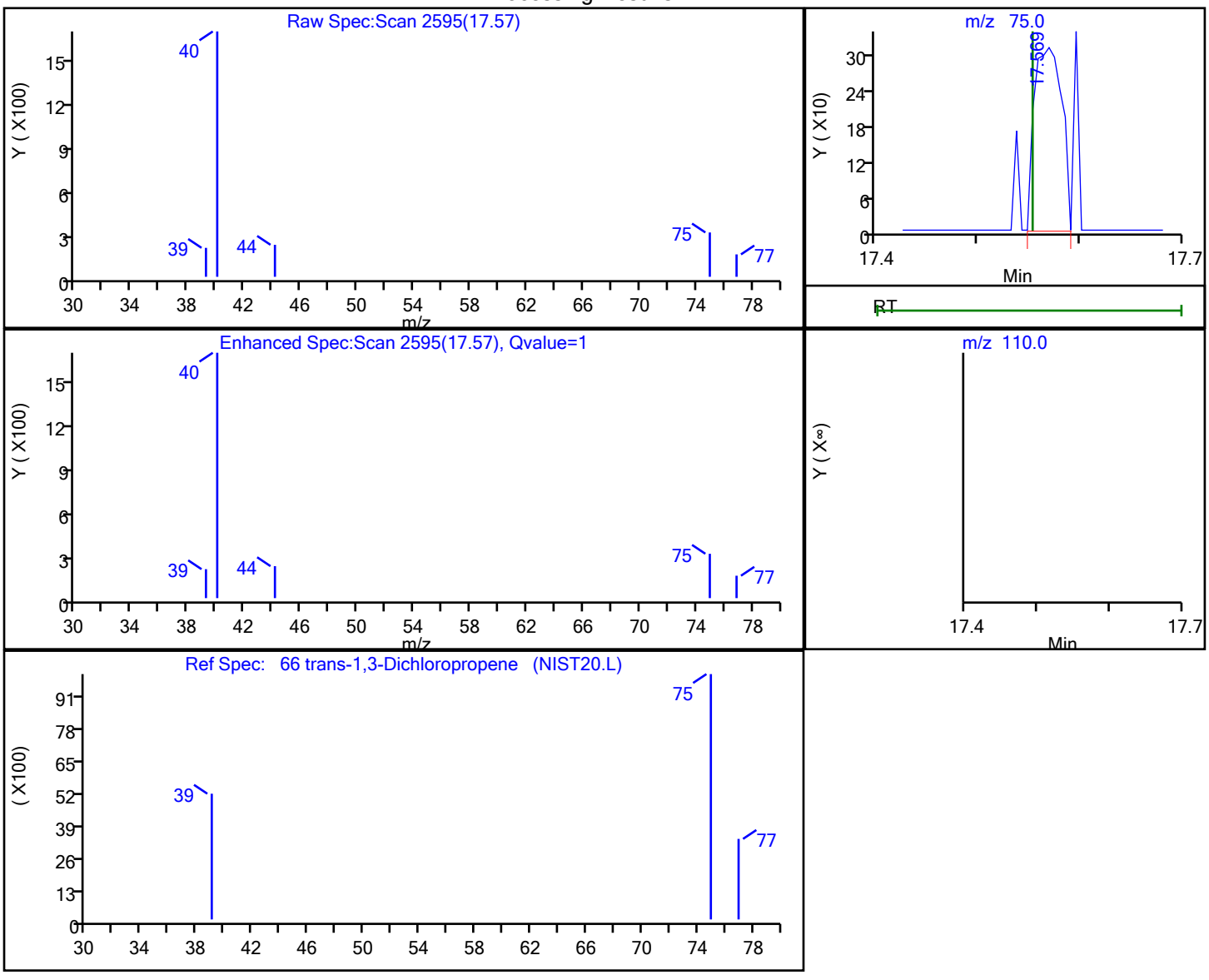
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

66 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
17.57	75.00	577	0.015650
17.55	110.00	0	

Reviewer: YWL8, 12-Aug-2025 12:57:55 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

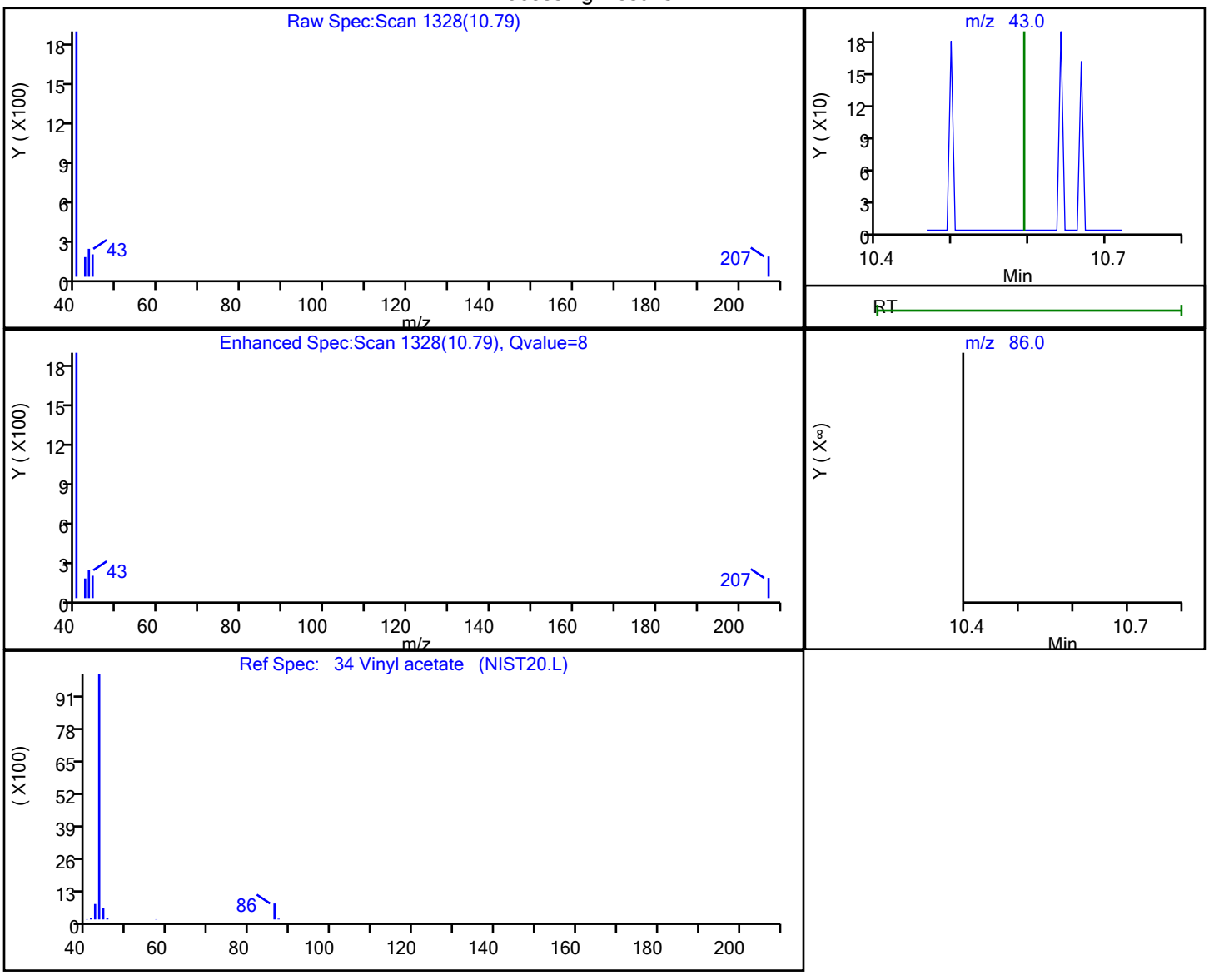
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-06.d				
Injection Date:	11-Aug-2025 17:58:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
10.79	43.00	323	0.009447
10.59	86.00	0	

Reviewer: YWL8, 12-Aug-2025 12:55:33 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 11-Aug-2025 18:48:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066295-007
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Aug-2025 11:46:58 Calib Date: 12-Aug-2025 09:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: YWL8 Date: 12-Aug-2025 13:48:25

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1	Propene	41	4.109	4.109	0.000	91	2837	0.1704	0.2241	
2	Dichlorodifluoromethane	85	4.195	4.200	-0.005	98	9577	0.1704	0.1800	
3	Chlorodifluoromethane	51	4.238	4.238	0.000	96	5524	0.1704	0.1833	
4	1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.537	4.537	0.000	88	8103	0.1704	0.1680	
5	Chloromethane	50	4.650	4.655	-0.005	98	2846	0.1704	0.1917	
6	Vinyl chloride	62	4.944	4.949	-0.005	79	3328	0.1704	0.1632	
7	Butane	43	4.949	4.955	-0.006	94	5892	0.1704	0.1874	
8	Butadiene	54	5.051	5.062	-0.011	73	2928	0.1704	0.1675	
9	Bromomethane	94	5.805	5.805	0.000	93	2305	0.1704	0.1543	
10	Chloroethane	64	6.089	6.094	-0.005	1	1575	0.1704	0.1788	
12	2-Methylbutane	43	6.324	6.335	-0.011	92	3298	0.1704	0.1727	
13	Vinyl bromide	106	6.570	6.570	0.000	98	2950	0.1704	0.1866	
14	Trichlorofluoromethane	101	6.747	6.752	-0.005	97	9570	0.1704	0.1666	
15	Pentane	43	6.988	6.988	0.000	94	5261	0.1704	0.1843	
16	Ethanol	45	7.121	7.175	-0.054	1	111	0.3408	0.0144	
18	Ethyl ether	59	7.491	7.464	0.026	21	1825	0.1704	0.1561	
19	Acrolein	56		7.747				ND	ND	
20	1,1-Dichloroethene	96	7.988	7.988	0.000	42	3013	0.1704	0.1747	M
21	1,1,2-Trichloro-1,2,2-trifluoroe	101	8.031	8.025	0.006	95	6916	0.1704	0.1757	
22	Acetone	43	8.127	8.057	0.070	97	4216	0.1704	0.1441	
23	Isopropyl alcohol	45	8.502	8.405	0.097	36	2911	0.1975	0.1041	
24	Carbon disulfide	76	8.469	8.475	-0.006	98	7892	0.1704	0.1782	
25	Acetonitrile	41		8.651				ND	ND	MU
26	3-Chloro-1-propene	41	8.817	8.812	0.005	93	2874	0.1704	0.1423	
27	Methylene Chloride	49	9.090	9.090	0.000	98	4809	0.1704	0.2268	
28	2-Methyl-2-propanol	59	9.363	9.320	0.043	44	5309	0.1704	0.1277	
29	Acrylonitrile	53	9.646	9.555	0.091	1	335	0.1704	0.0275	
31	Methyl tert-butyl ether	73	9.721	9.689	0.032	96	9164	0.1704	0.1662	
30	trans-1,2-Dichloroethene	61	9.711	9.694	0.017	60	4240	0.1704	0.1623	M
S 35	1,2-Dichloroethene, Total	61				0		0.3407	0.3277	
32	Hexane	57	10.294	10.299	-0.005	88	4846	0.1704	0.1755	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.588	10.593	-0.005	97	5536	0.1704	0.1658	
34 Vinyl acetate	43		10.593				ND	ND	MU
36 2-Butanone (MEK)	72	11.744	11.685	0.059	52	732	0.1704	0.0913	
37 cis-1,2-Dichloroethene	96	11.722	11.727	-0.005	95	3204	0.1704	0.1654	M
38 Ethyl acetate	88		11.781				ND	ND	
* 39 Chlorobromomethane	128	12.188	12.187	0.001	90	128360	10.0	10.0	
40 Tetrahydrofuran	42	12.300	12.241	0.059	18	2539	0.1704	0.1275	
41 Chloroform	83	12.369	12.375	-0.006	96	6731	0.1704	0.1650	
42 1,1,1-Trichloroethane	97	12.717	12.728	-0.011	95	8036	0.1704	0.1617	
43 Cyclohexane	84	12.883	12.888	-0.005	95	4106	0.1704	0.1706	M
44 Carbon tetrachloride	117	13.038	13.043	-0.005	97	8389	0.1704	0.1615	
45 Benzene	78	13.418	13.407	0.011	97	9091	0.1704	0.1719	
46 1,2-Dichloroethane	62	13.488	13.482	0.006	90	5233	0.1704	0.1671	
47 Isooctane	57	13.648	13.643	0.005	97	14935	0.1704	0.1647	
48 n-Heptane	43	13.974	13.969	0.005	91	5592	0.1704	0.1751	M
* 49 1,4-Difluorobenzene	114	14.188	14.188	0.000	95	672980	10.0	10.0	
50 n-Butanol	56		14.397				ND	ND	MU
51 Trichloroethene	95	14.675	14.659	0.016	94	4513	0.1704	0.1685	
53 1,2-Dichloropropane	63	15.151	15.140	0.011	68	3539	0.1704	0.1788	M
54 Methyl methacrylate	69	15.248	15.215	0.033	11	2338	0.1704	0.1235	M
55 1,4-Dioxane	88	15.312	15.274	0.038	44	1513	0.1704	0.1431	
57 Dibromomethane	174	15.322	15.312	0.010	87	4520	0.1704	0.1719	
58 Dichlorobromomethane	83	15.633	15.633	0.000	67	7530	0.1704	0.1623	
59 cis-1,3-Dichloropropene	75	16.478	16.467	0.011	93	5734	0.1704	0.1630	M
61 4-Methyl-2-pentanone (MIBK)	43	16.740	16.713	0.027	95	5632	0.1704	0.1309	M
62 Toluene	92	17.141	17.141	0.000	93	7098	0.1704	0.1763	M
A 63 Toluene Range	1	17.157	(17.077-17.238)		0	22000	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	88	7542	0.1704	0.1688	
A 65 C8 Range	1	17.393	(17.307-17.478)		0	28124	NC	NC	
66 trans-1,3-Dichloropropene	75	17.559	17.553	0.006	95	4576	0.1704	0.1514	
67 1,1,2-Trichloroethane	83	17.949	17.944	0.005	93	2872	0.1704	0.1557	M
68 Tetrachloroethene	166	18.179	18.179	0.000	94	6235	0.1704	0.1613	
69 2-Hexanone	43	18.393	18.340	0.053	25	3658	0.1704	0.0933	M
70 Chlorodibromomethane	129	18.736	18.719	0.017	96	7473	0.1704	0.1576	M
71 Ethylene Dibromide	107	18.987	18.976	0.011	93	6029	0.1704	0.1607	M
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	88	582611	10.0	10.0	
74 Chlorobenzene	112	19.955	19.961	-0.006	94	10095	0.1704	0.1772	
S 80 Xylenes, Total	106				0		0.5111	0.4893	
75 Ethylbenzene	91	20.148	20.148	0.000	99	15502	0.1704	0.1628	
76 m-Xylene & p-Xylene	106	20.415	20.405	0.010	0	11643	0.3407	0.3253	
77 n-Nonane	57	20.442	20.437	0.005	84	6646	0.1704	0.1578	
78 o-Xylene	106	21.111	21.111	0.000	95	5633	0.1704	0.1640	
79 Styrene	104	21.154	21.137	0.017	70	8640	0.1704	0.1503	M
81 Bromoform	173	21.464	21.464	0.000	95	7092	0.1704	0.1598	
82 Isopropylbenzene	105	21.737	21.726	0.011	98	18236	0.1704	0.1608	
83 1,1,2,2-Tetrachloroethane	83	22.191	22.186	0.005	97	8594	0.1704	0.1765	
84 1,2,3-Trichloropropane	75	22.298	22.288	0.010	91	6970	0.1704	0.1719	
85 N-Propylbenzene	91	22.384	22.384	0.000	98	20948	0.1704	0.1594	
86 2-Chlorotoluene	91	22.534	22.539	-0.005	97	16220	0.1704	0.1711	
87 4-Ethyltoluene	105	22.577	22.566	0.011	98	16699	0.1704	0.1504	
88 1,3,5-Trimethylbenzene	105	22.657	22.651	0.006	91	16847	0.1704	0.1708	
89 n-Decane	57	22.657	22.662	-0.005	68	9221	0.1704	0.1642	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.967	22.962	0.005	89	7320	0.1704	0.1516	
91 tert-Butylbenzene	119	23.112	23.112	0.000	94	15606	0.1704	0.1636	
92 1,2,4-Trimethylbenzene	105	23.203	23.197	0.006	98	15859	0.1704	0.1623	
93 sec-Butylbenzene	105	23.433	23.432	0.001	98	22570	0.1704	0.1613	
94 1,3-Dichlorobenzene	146	23.631	23.625	0.006	97	10741	0.1704	0.1631	
95 4-Isopropyltoluene	119	23.652	23.646	0.006	97	20155	0.1704	0.1598	
96 1,4-Dichlorobenzene	146	23.786	23.775	0.011	92	11192	0.1704	0.1710	
97 Benzyl chloride	91	23.930	23.919	0.011	98	13213	0.1704	0.1573	
98 n-Butylbenzene	91	24.251	24.246	0.005	98	17793	0.1704	0.1588	
99 1,2-Dichlorobenzene	146	24.321	24.310	0.011	89	10931	0.1704	0.1734	
100 Undecane	57	24.385	24.379	0.006	93	9316	0.1704	0.1451	
101 Dodecane	57	26.134	26.129	0.005	95	12979	0.1704	0.2087	
102 1,2,4-Trichlorobenzene	180	27.028	27.022	0.006	93	10741	0.1998	0.2074	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	96	13200	0.1915	0.2242	
104 Naphthalene	128	27.584	27.573	0.011	98	28889	0.2026	0.2496	
105 1,2,3-Trichlorobenzene	180	28.060	28.049	0.011	94	13996	0.1985	0.2668	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated
- U - Marked Undetected

Reagents:

ATTO15CAL1w_00277	Amount Added: 170.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

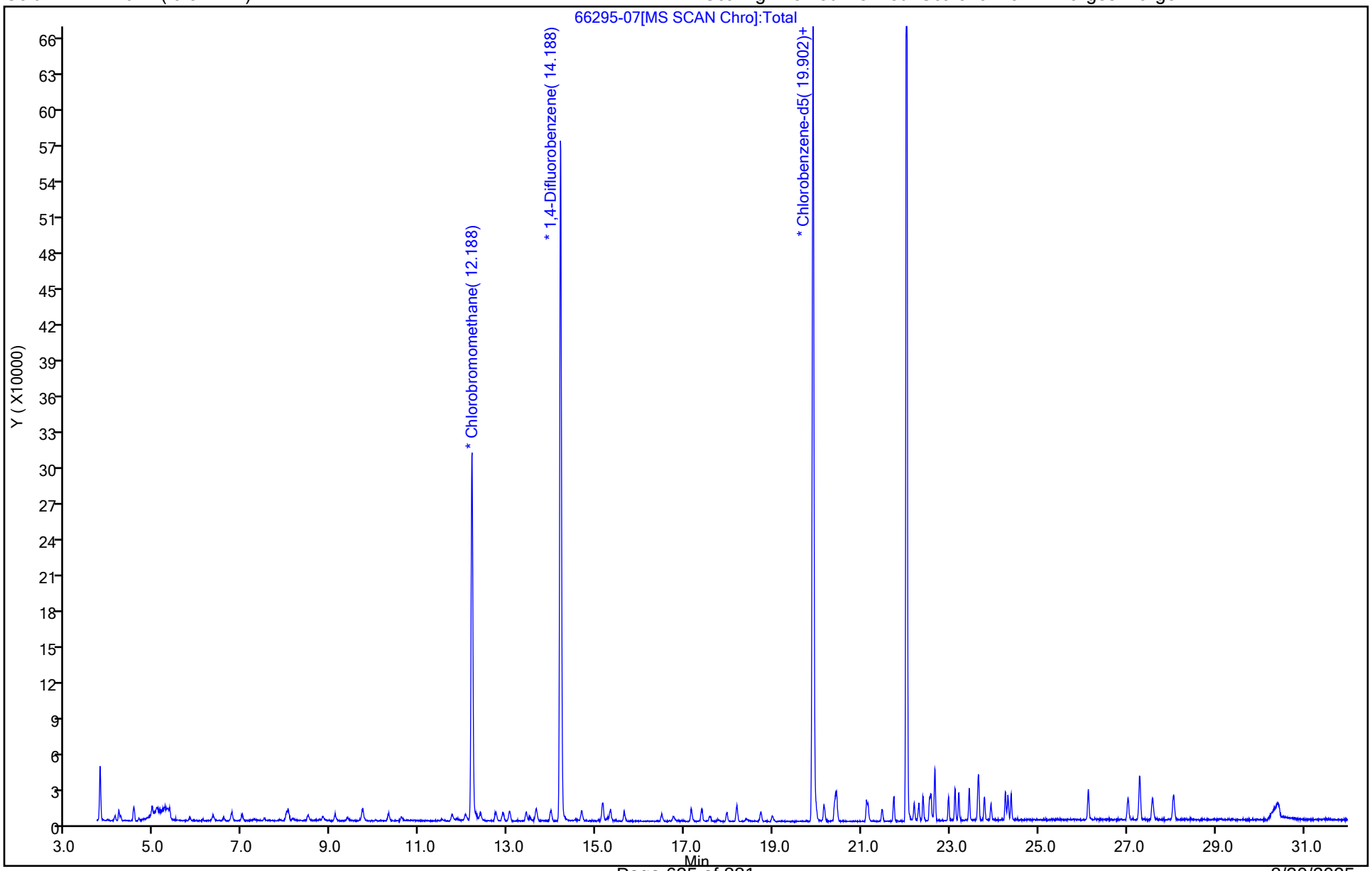
Report Date: 12-Aug-2025 11:46:59 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d

Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	7
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

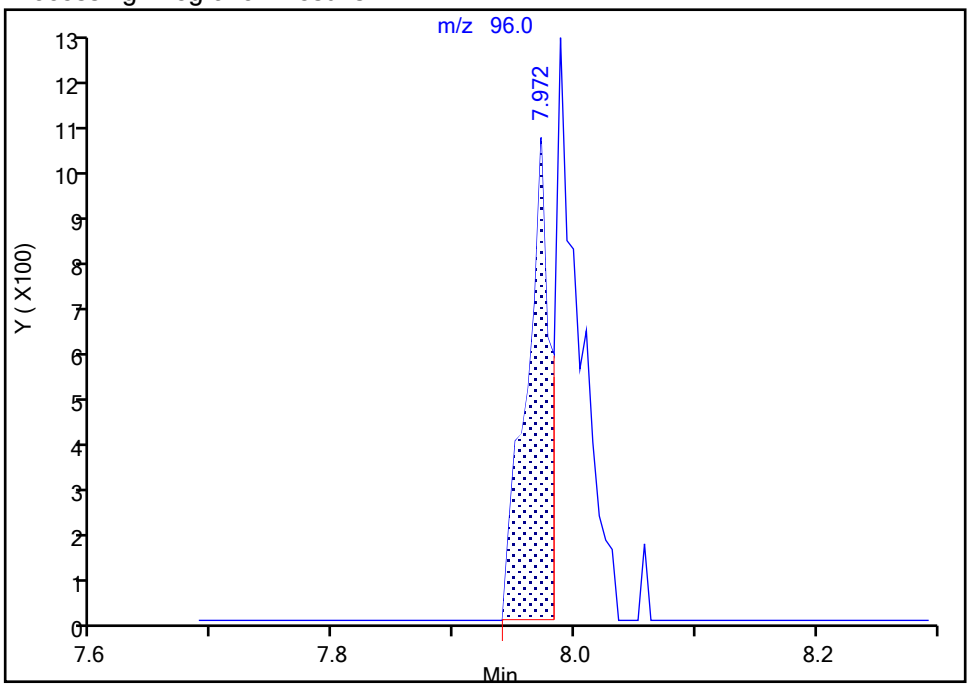
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d
Injection Date: 11-Aug-2025 18:48:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

20 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

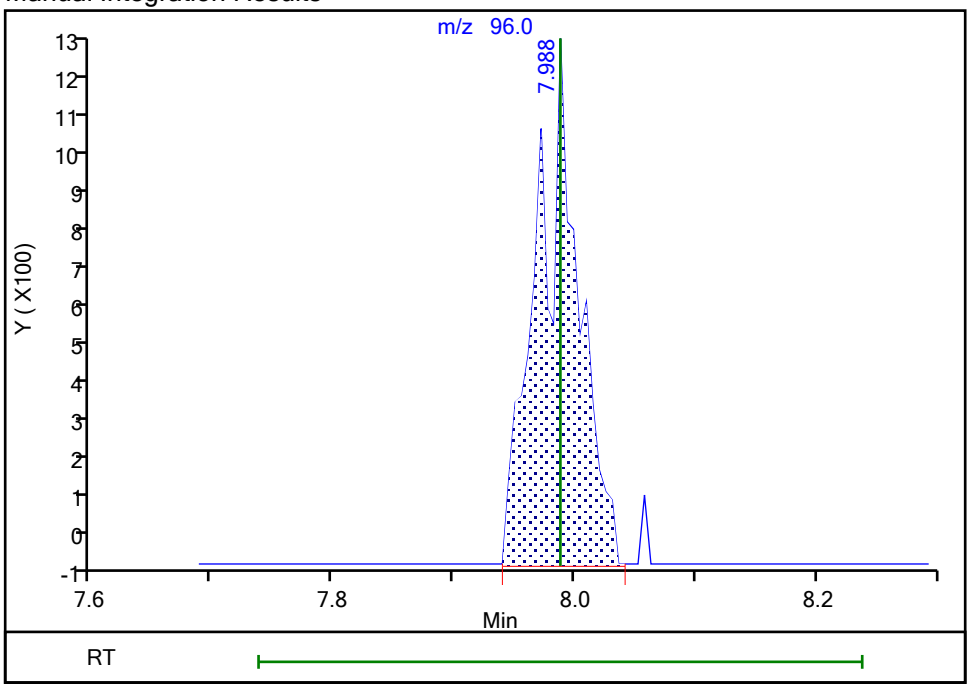
Processing Integration Results

RT: 7.97
Area: 1405
Amount: 0.066740
Amount Units: ppb v/v



Manual Integration Results

RT: 7.99
Area: 3013
Amount: 0.174726
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 13:05:21 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

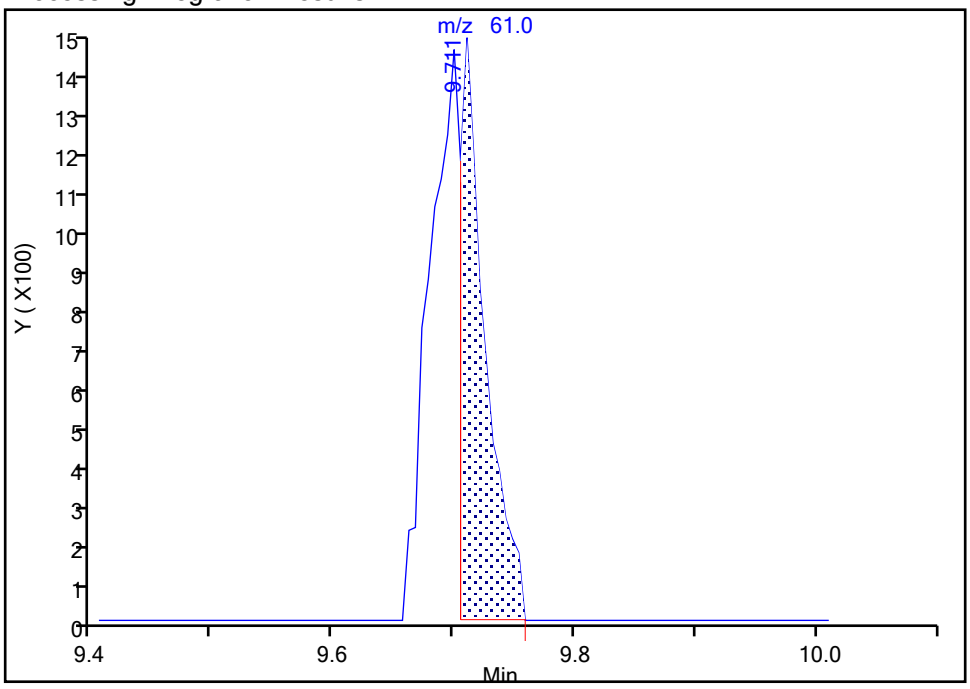
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d
Injection Date: 11-Aug-2025 18:48:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

30 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

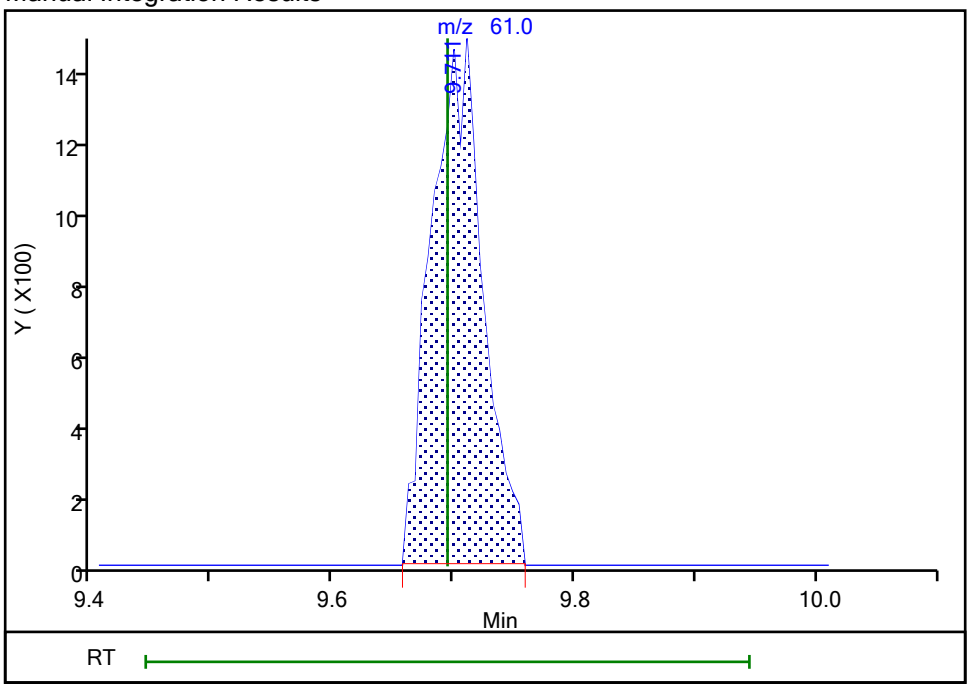
Processing Integration Results

RT: 9.71
Area: 2111
Amount: 0.064546
Amount Units: ppb v/v



Manual Integration Results

RT: 9.71
Area: 4240
Amount: 0.162342
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 13:08:02 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

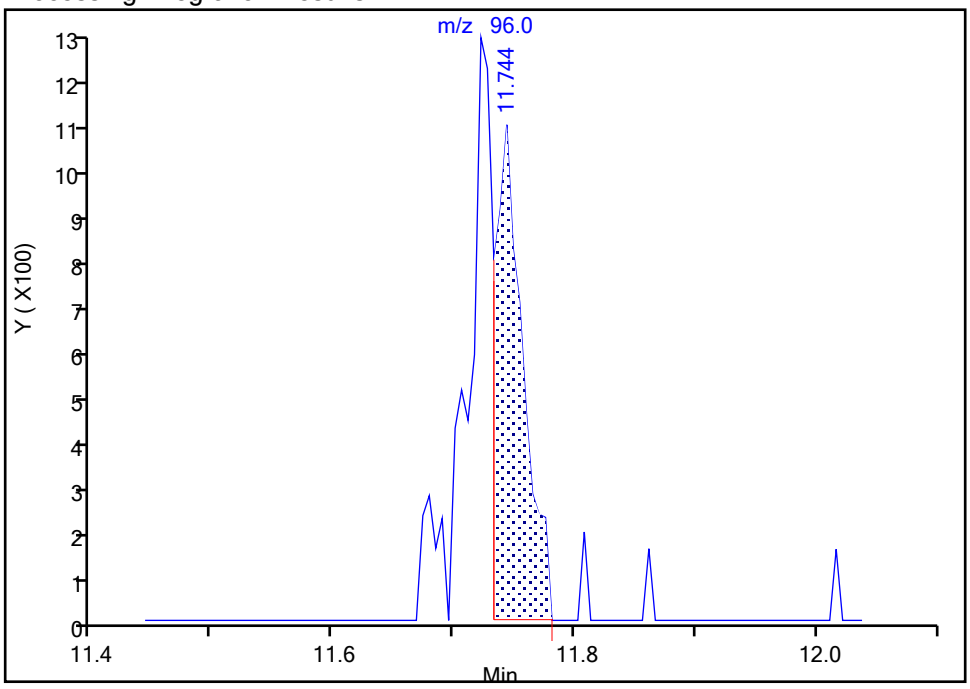
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d				
Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

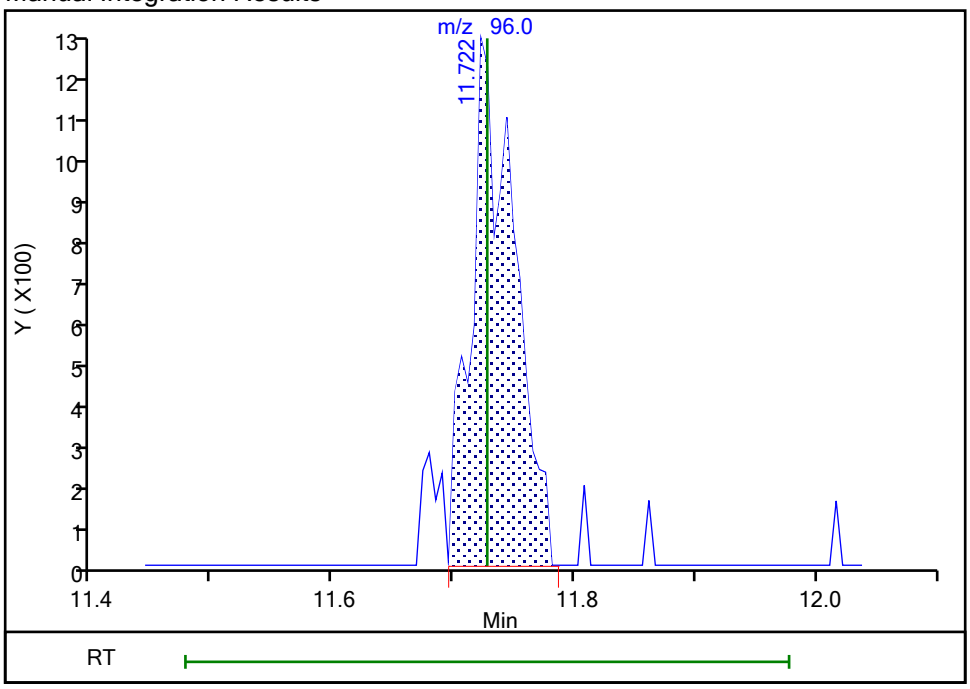
Processing Integration Results

RT: 11.74
Area: 1772
Amount: 0.084766
Amount Units: ppb v/v



Manual Integration Results

RT: 11.72
Area: 3204
Amount: 0.165354
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 13:09:08 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

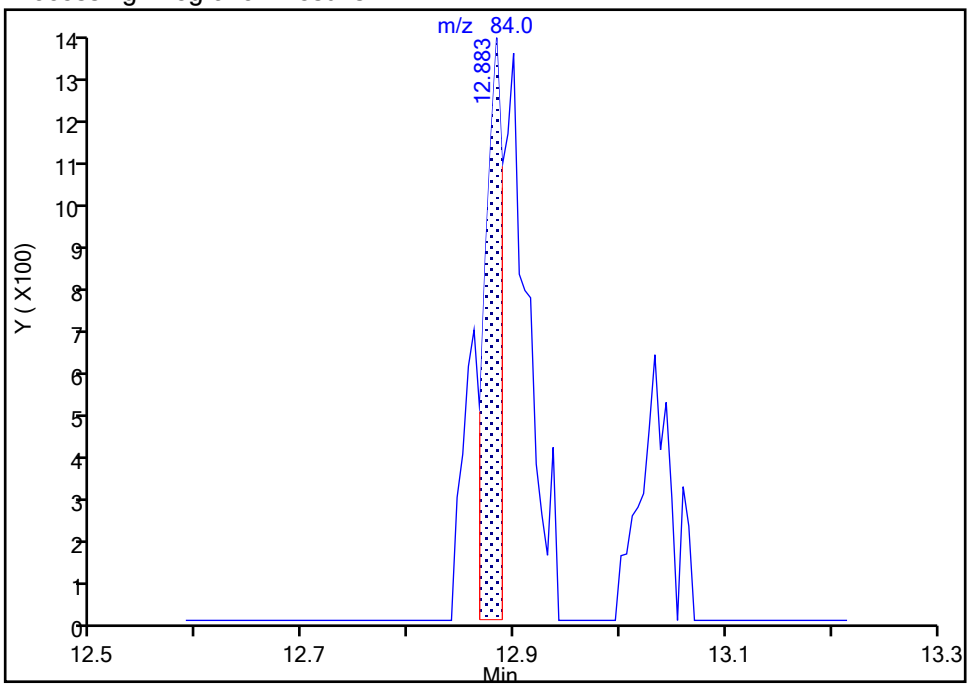
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d
Injection Date: 11-Aug-2025 18:48:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

43 Cyclohexane, CAS: 110-82-7

Signal: 1

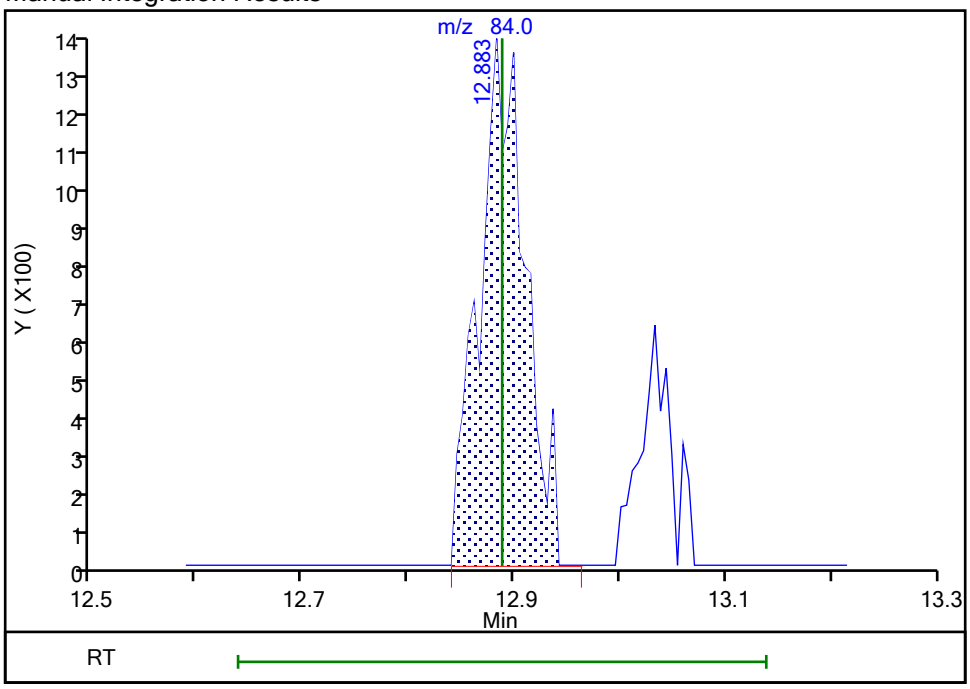
Processing Integration Results

RT: 12.88
Area: 1569
Amount: 0.071533
Amount Units: ppb v/v



Manual Integration Results

RT: 12.88
Area: 4106
Amount: 0.170649
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 11:00:21 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

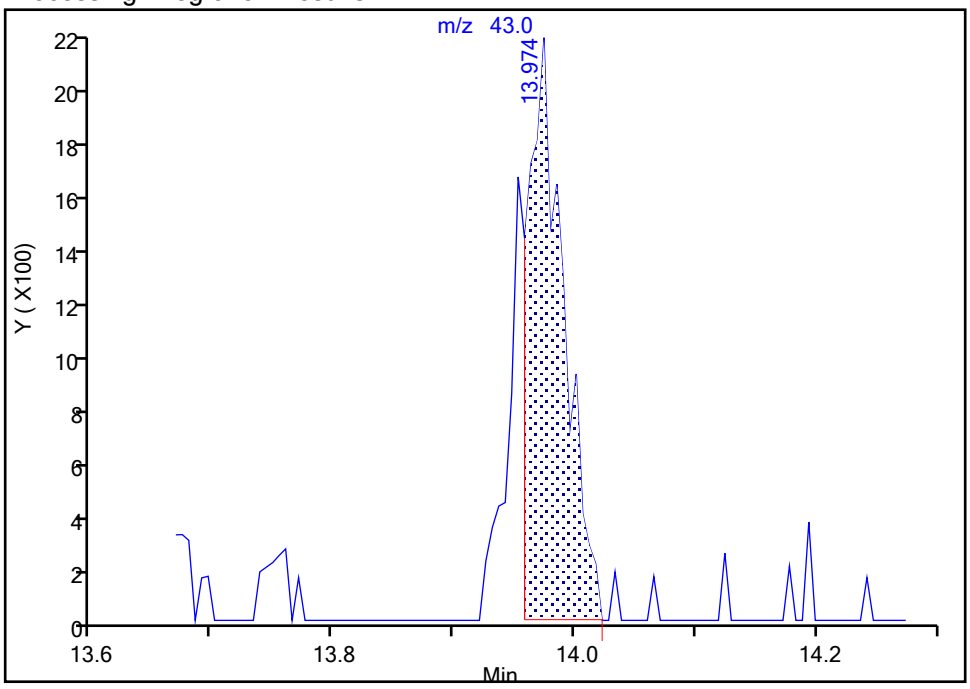
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d				
Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

48 n-Heptane, CAS: 142-82-5

Signal: 1

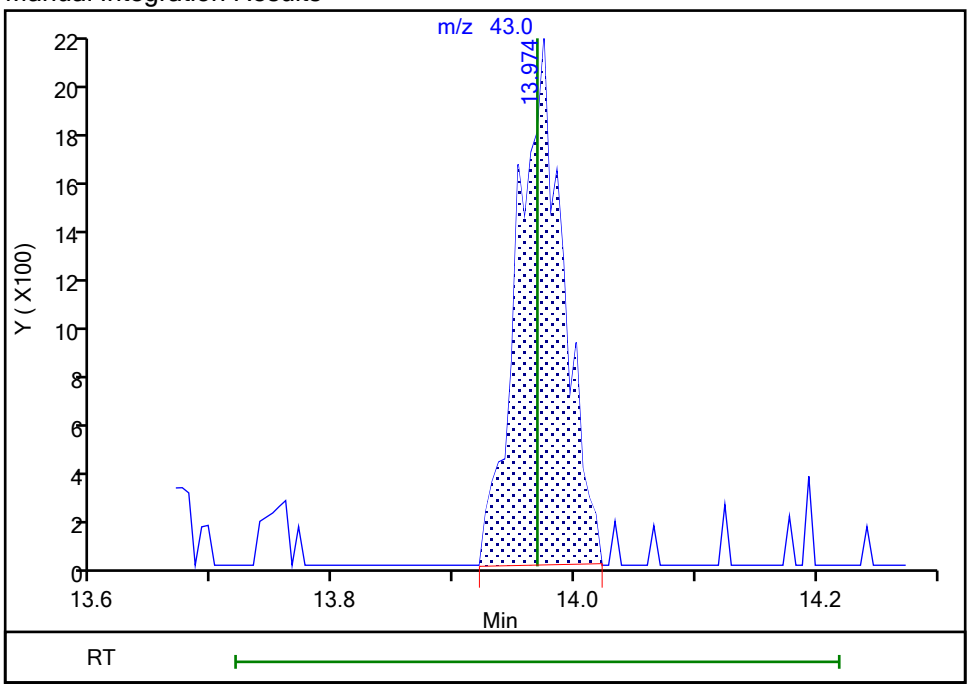
Processing Integration Results

RT: 13.97
Area: 4372
Amount: 0.106360
Amount Units: ppb v/v



Manual Integration Results

RT: 13.97
Area: 5592
Amount: 0.175122
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 13:18:59 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

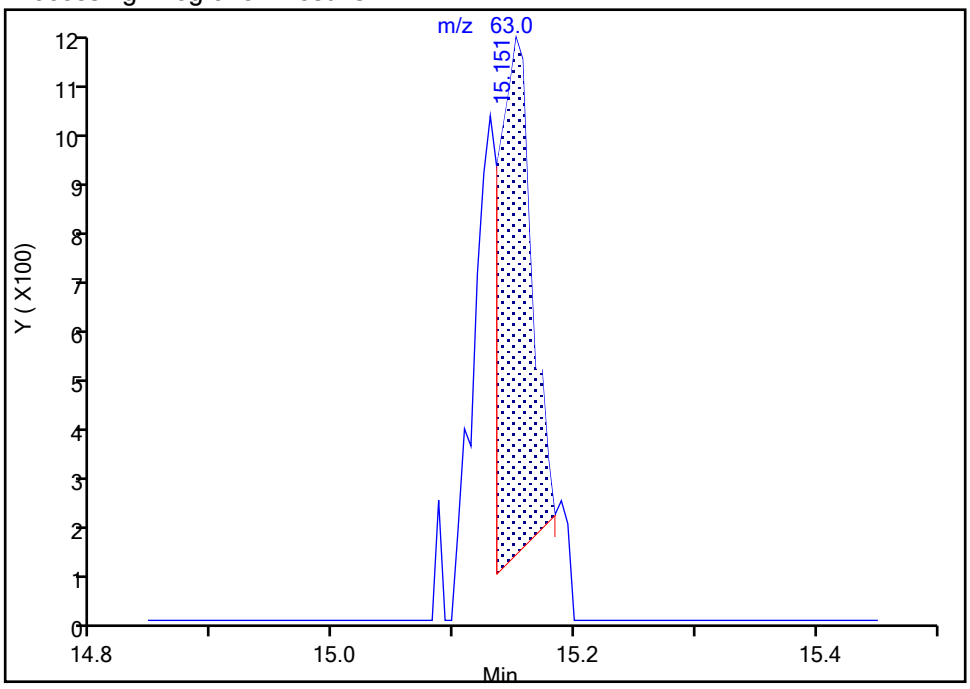
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d
Injection Date: 11-Aug-2025 18:48:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

53 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

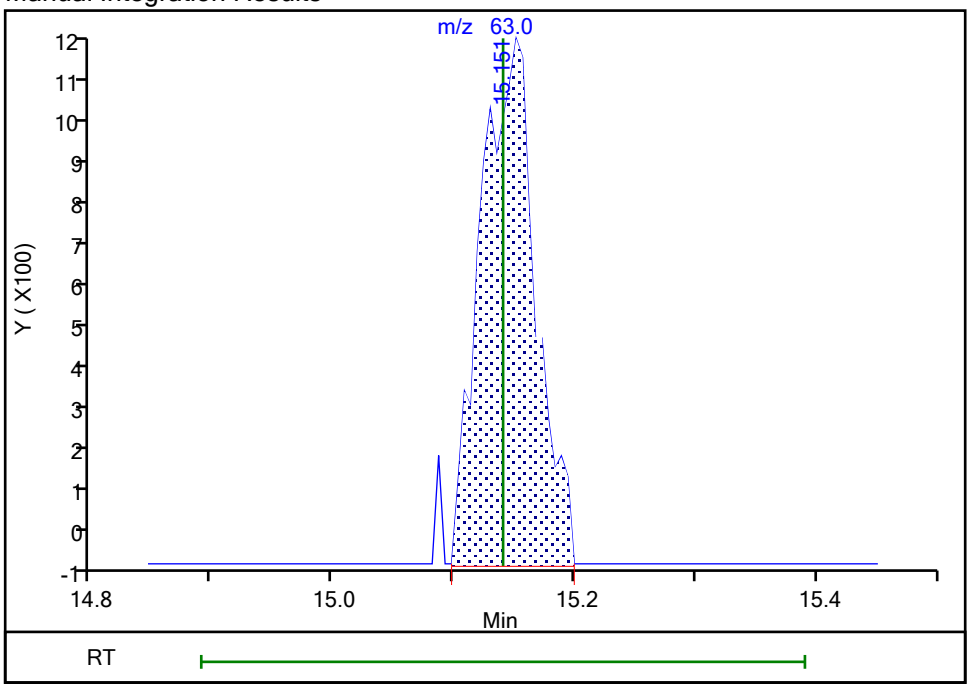
Processing Integration Results

RT: 15.15
Area: 1852
Amount: 0.074277
Amount Units: ppb v/v



Manual Integration Results

RT: 15.15
Area: 3539
Amount: 0.178839
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 13:28:30 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

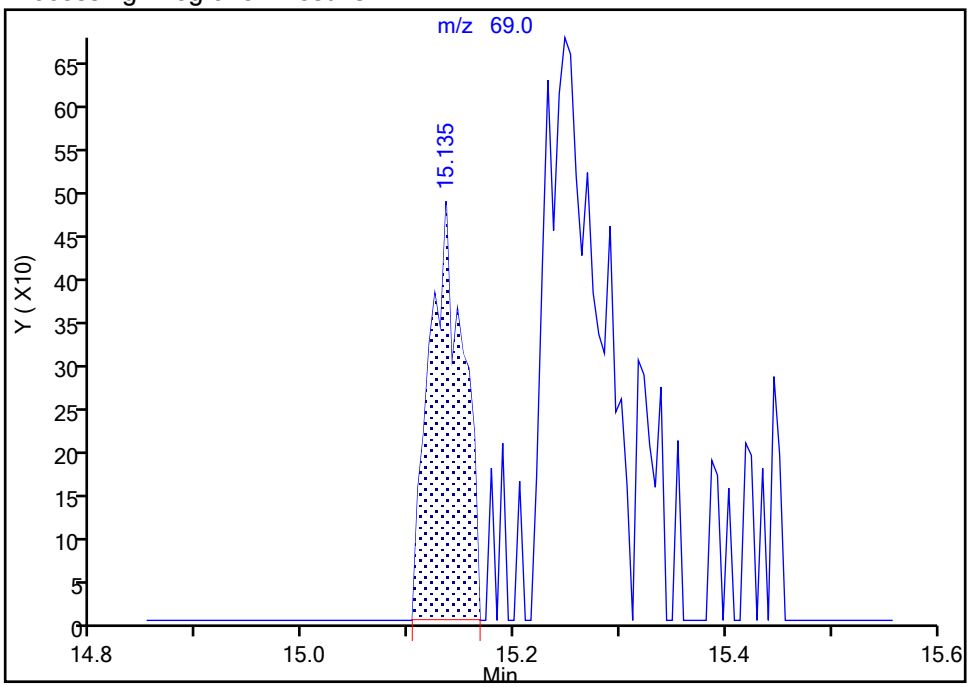
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d				
Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 Methyl methacrylate, CAS: 80-62-6

Signal: 1

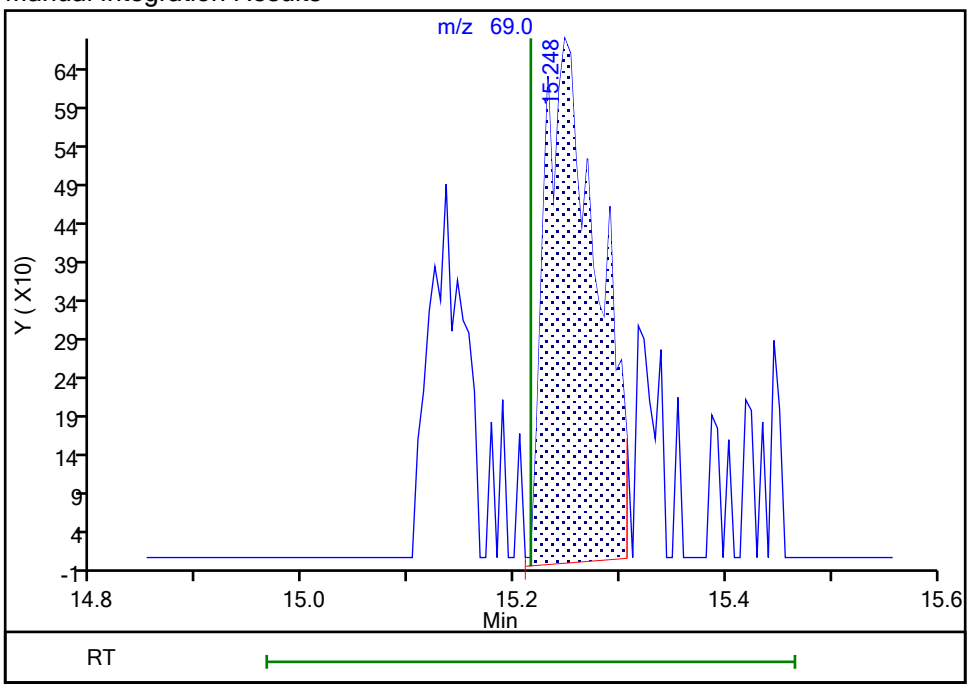
Processing Integration Results

RT: 15.14
Area: 1077
Amount: 0.049254
Amount Units: ppb v/v



Manual Integration Results

RT: 15.25
Area: 2338
Amount: 0.123454
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 13:29:58 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

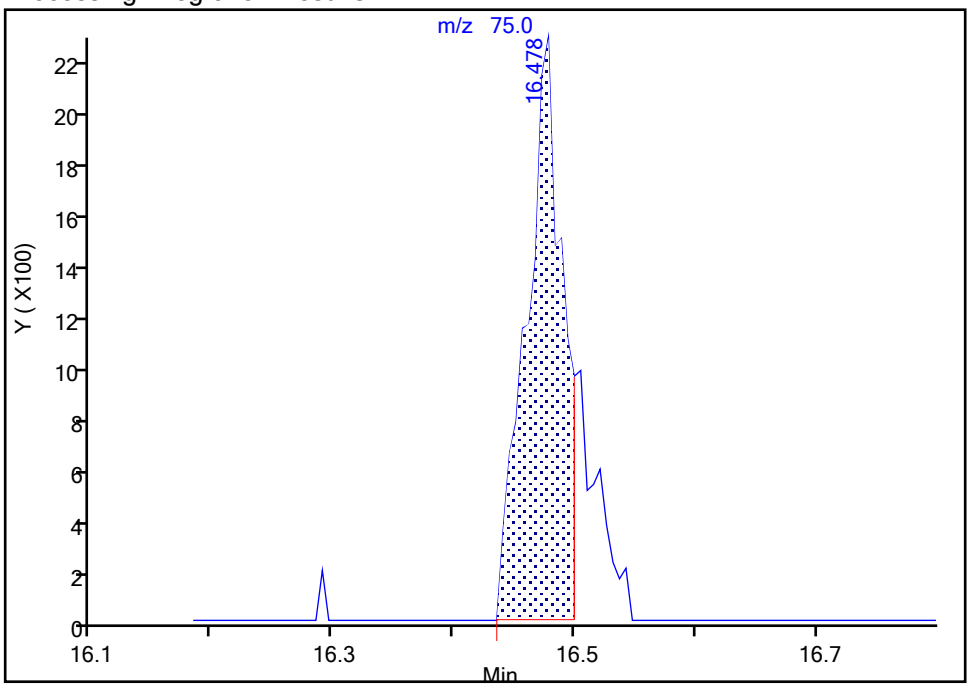
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d				
Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

59 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

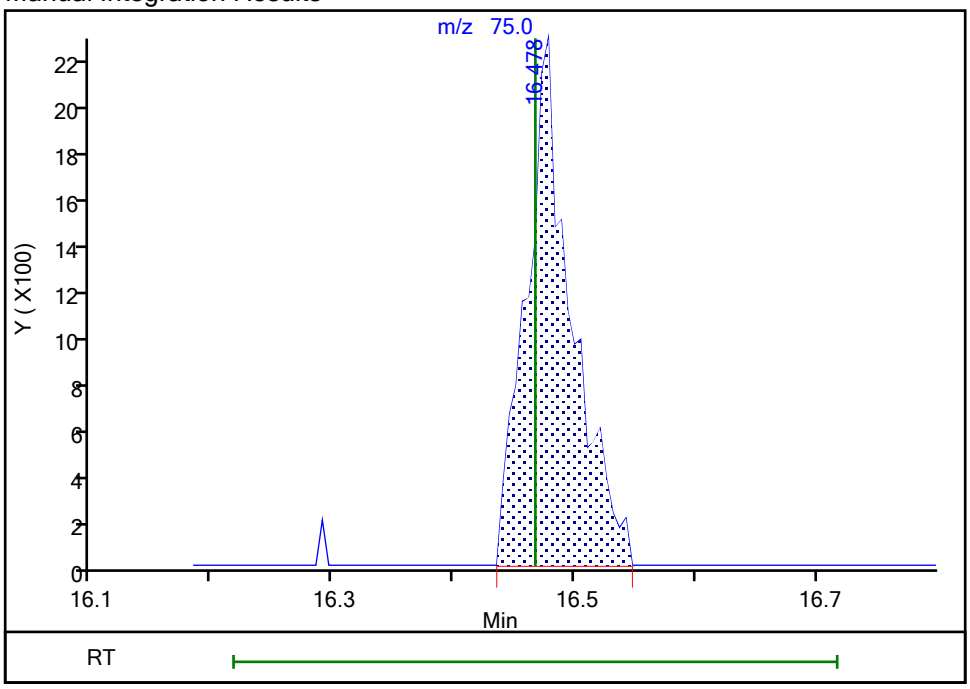
Processing Integration Results

RT: 16.48
Area: 4626
Amount: 0.135041
Amount Units: ppb v/v



Manual Integration Results

RT: 16.48
Area: 5734
Amount: 0.162965
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 11:03:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

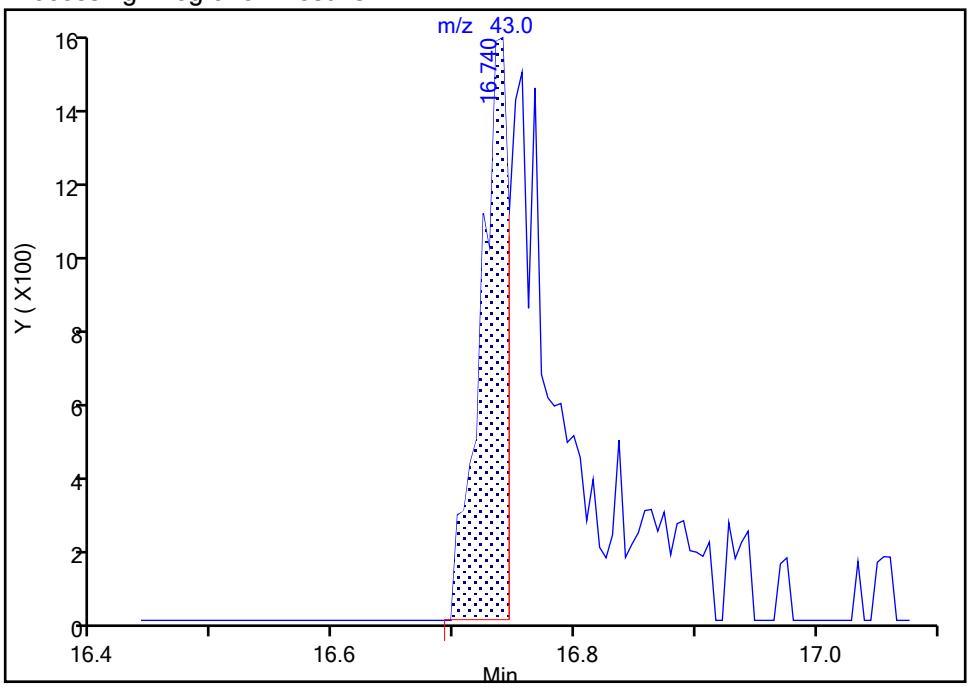
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d				
Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

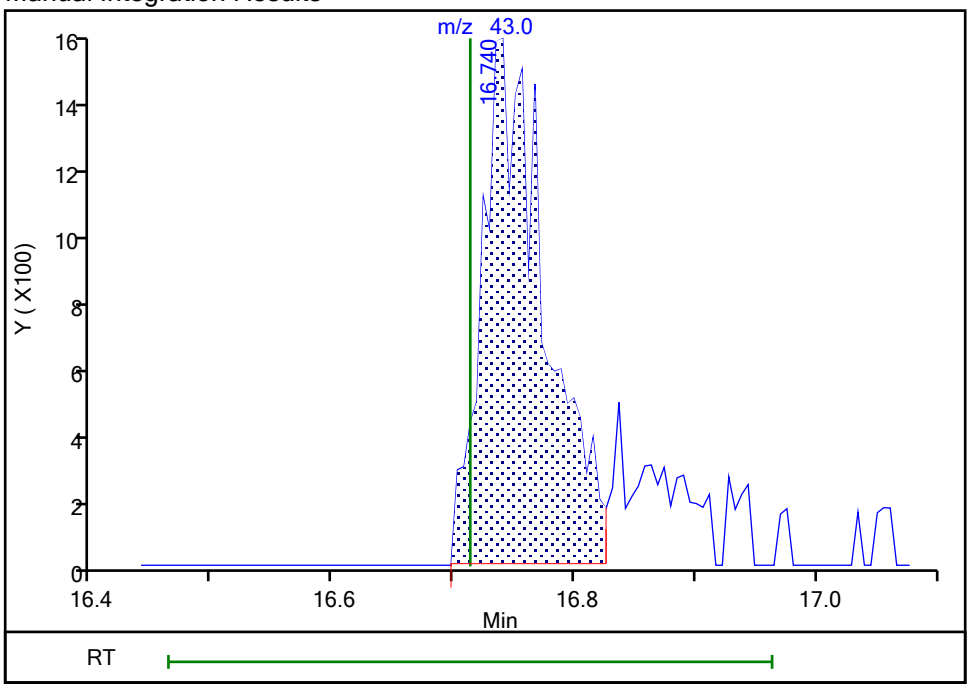
Processing Integration Results

RT: 16.74
Area: 2482
Amount: 0.049798
Amount Units: ppb v/v



Manual Integration Results

RT: 16.74
Area: 5632
Amount: 0.130876
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 13:41:45 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

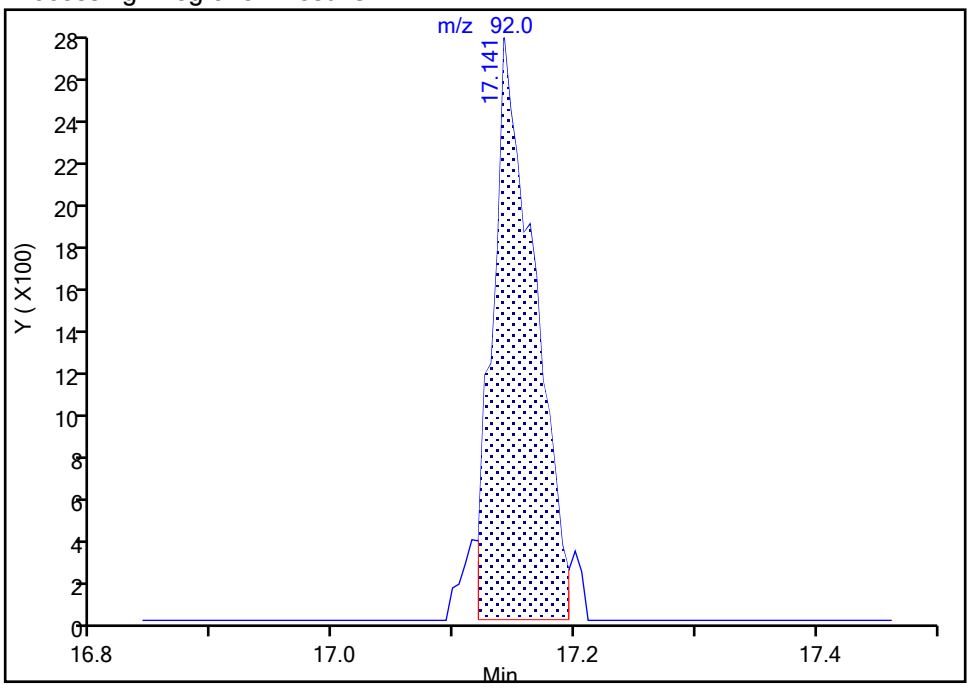
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d				
Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

62 Toluene, CAS: 108-88-3

Signal: 1

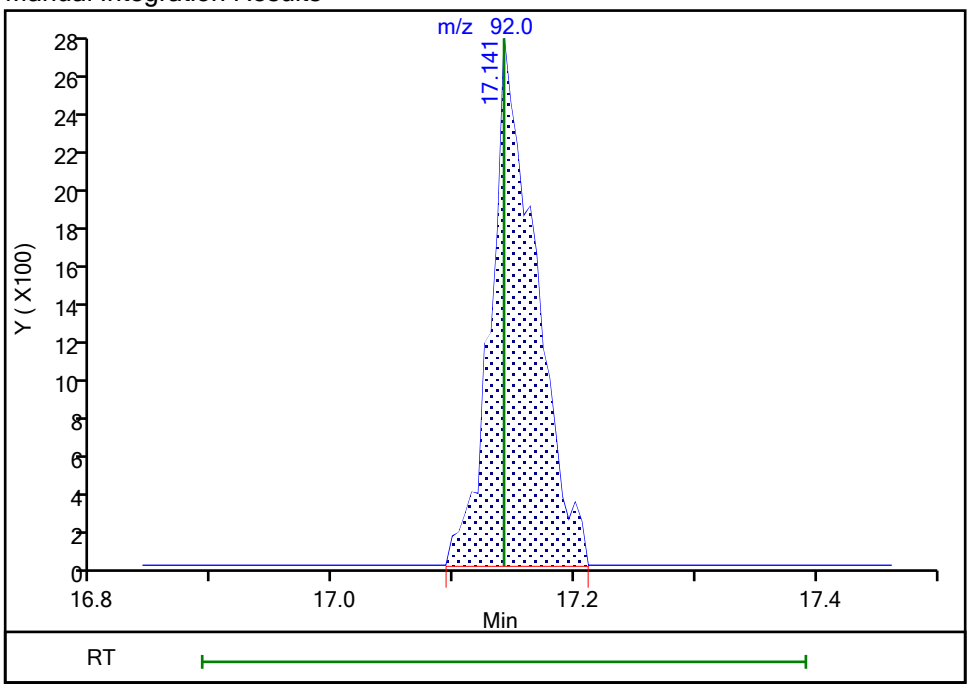
Processing Integration Results

RT: 17.14
Area: 6606
Amount: 0.165797
Amount Units: ppb v/v



Manual Integration Results

RT: 17.14
Area: 7098
Amount: 0.176319
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 11:03:35 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

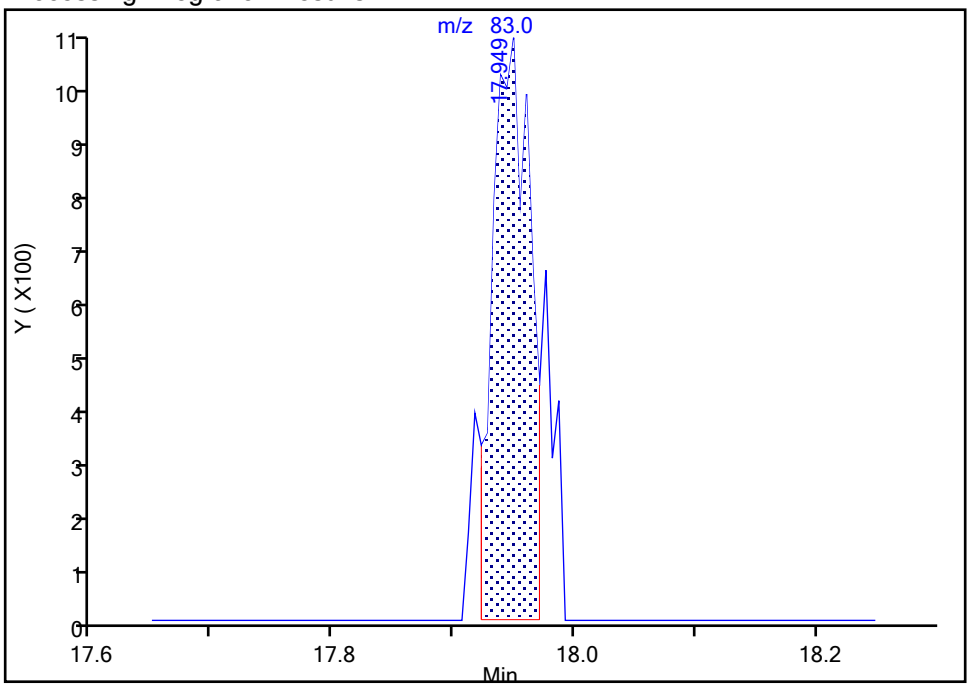
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d				
Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

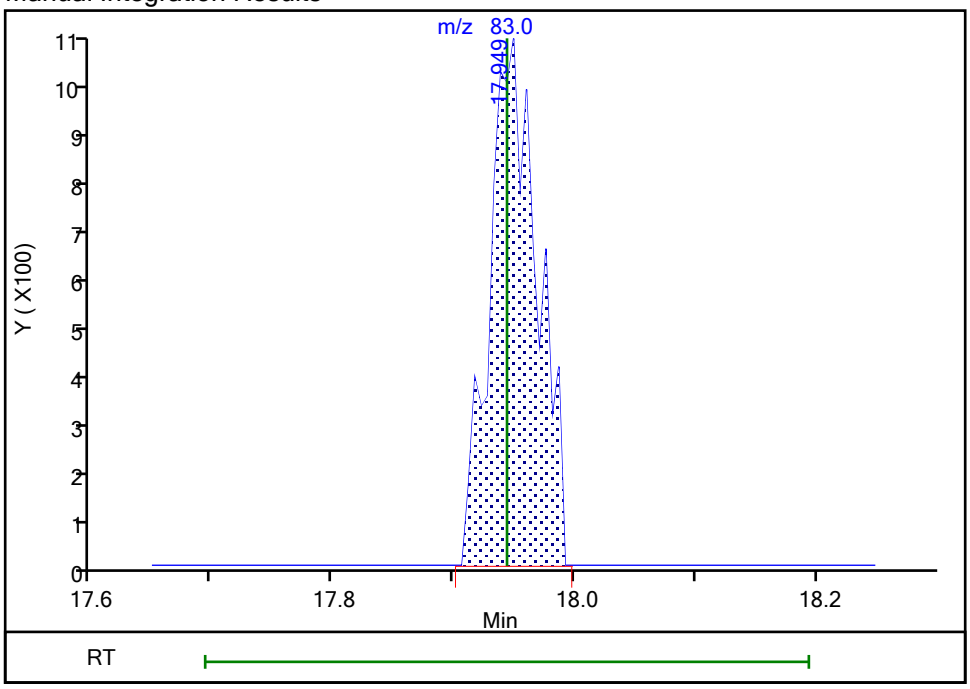
Processing Integration Results

RT: 17.95
Area: 2280
Amount: 0.127006
Amount Units: ppb v/v



Manual Integration Results

RT: 17.95
Area: 2872
Amount: 0.155678
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 11:04:00 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

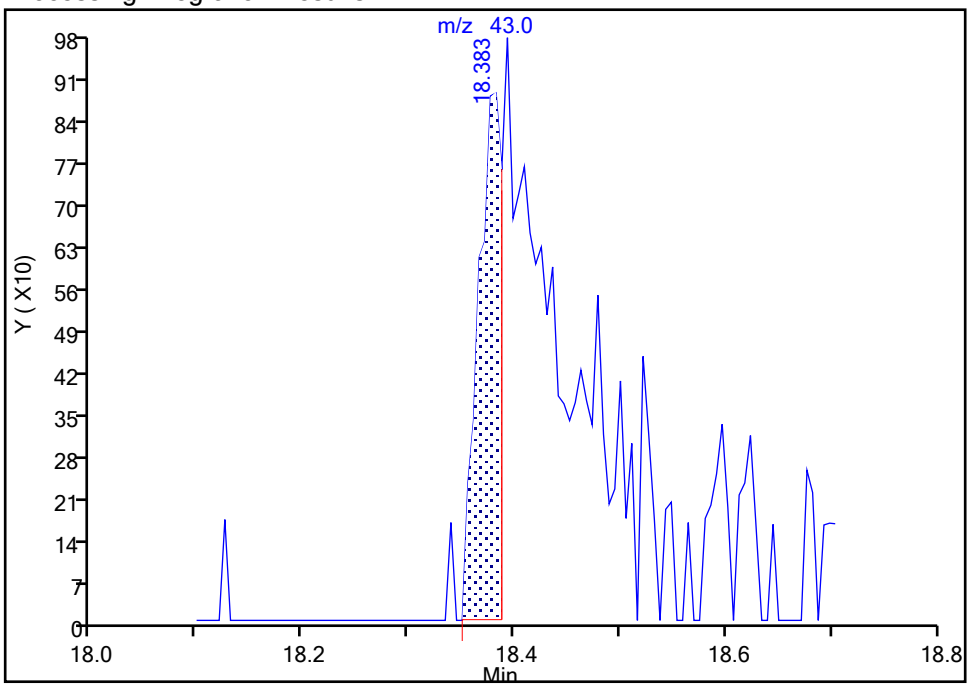
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d				
Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

69 2-Hexanone, CAS: 591-78-6

Signal: 1

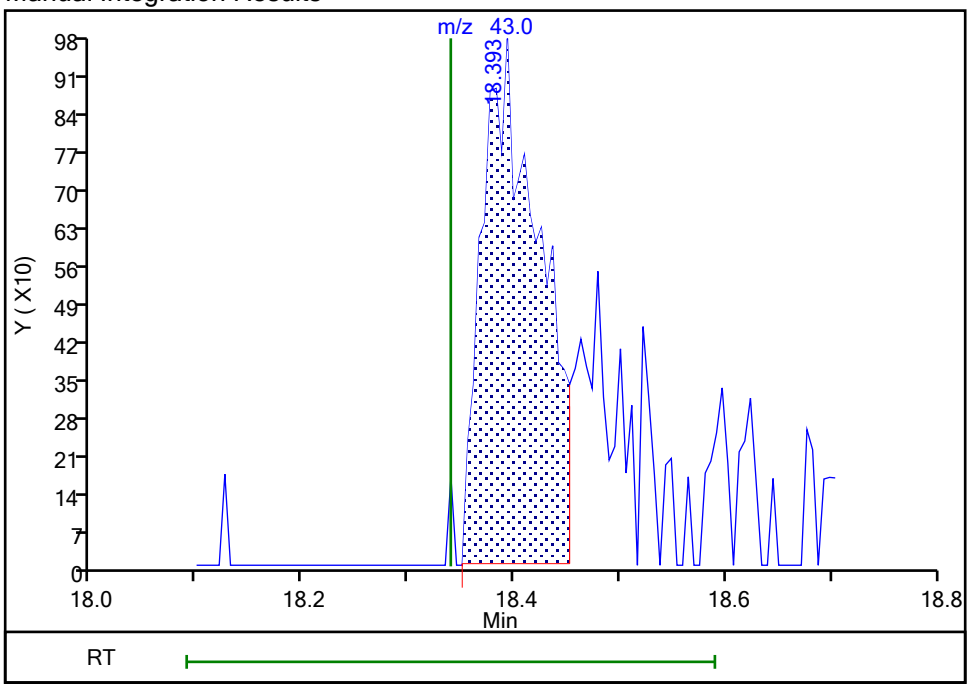
Processing Integration Results

RT: 18.38
Area: 1381
Amount: 0.030160
Amount Units: ppb v/v



Manual Integration Results

RT: 18.39
Area: 3658
Amount: 0.093314
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 13:44:48 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

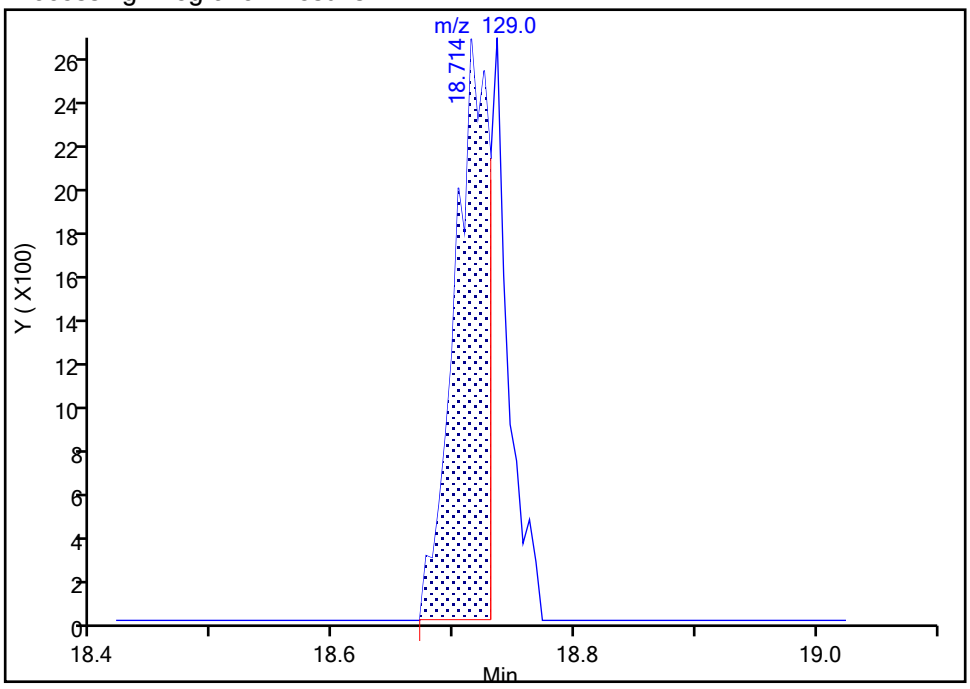
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d				
Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

70 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

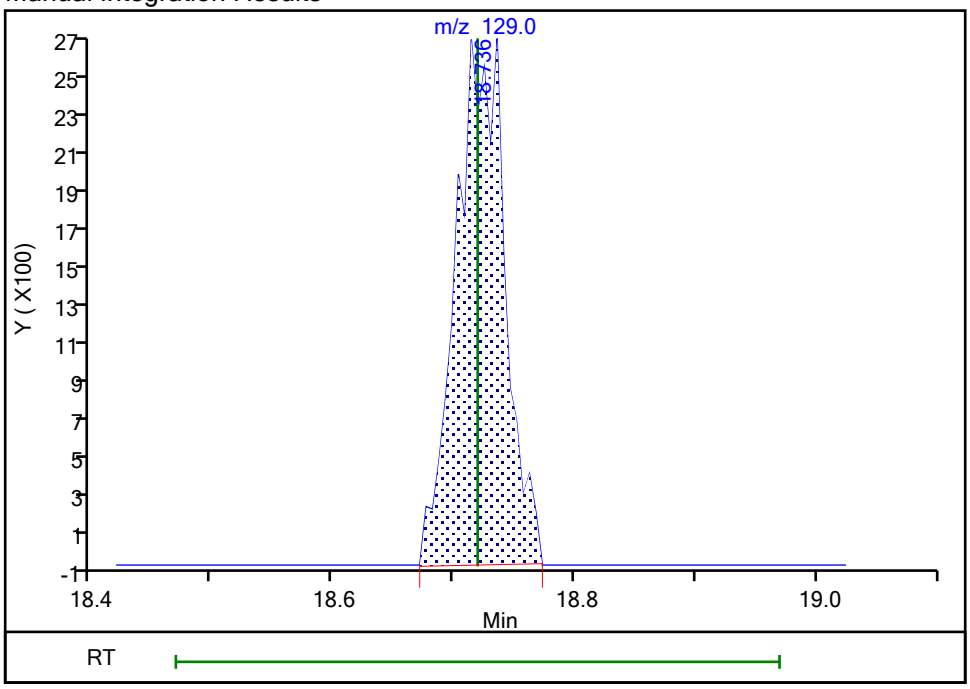
Processing Integration Results

RT: 18.71
Area: 5263
Amount: 0.088904
Amount Units: ppb v/v



Manual Integration Results

RT: 18.74
Area: 7473
Amount: 0.157639
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 13:44:55 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

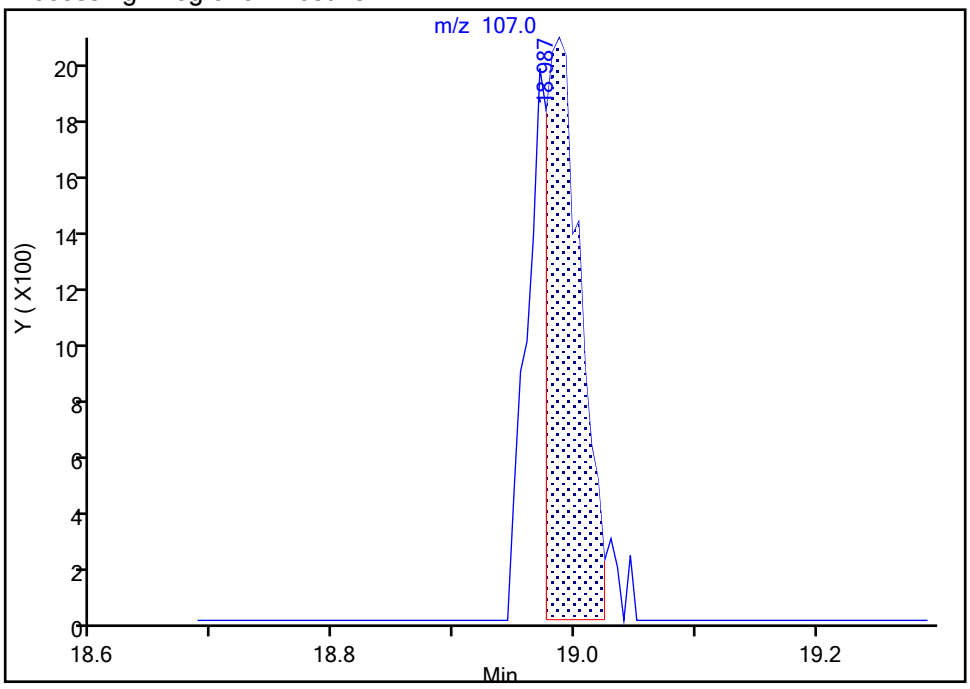
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d				
Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

71 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

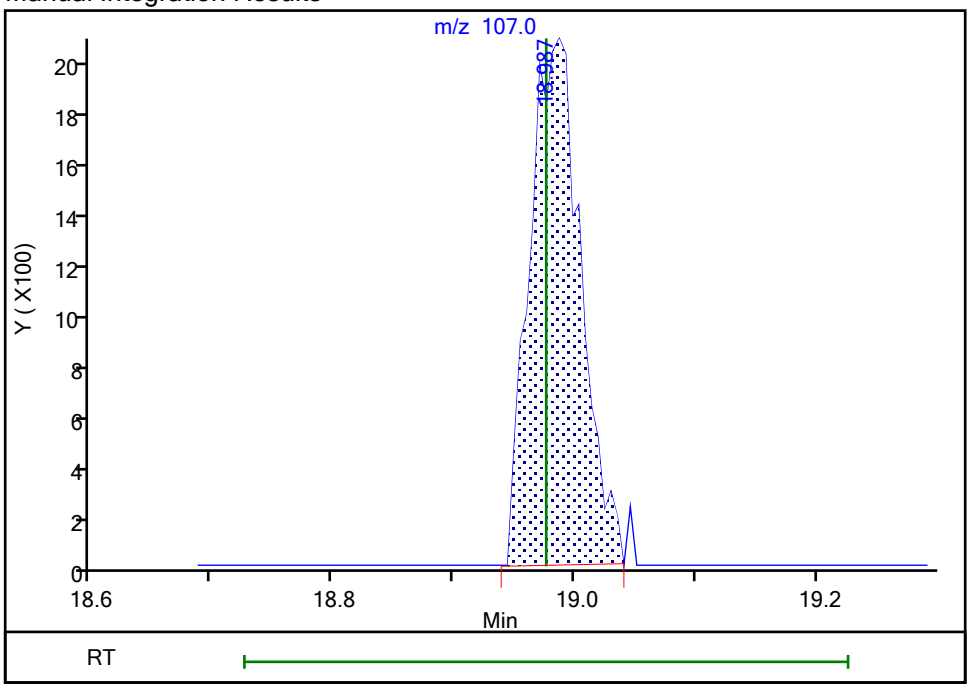
Processing Integration Results

RT: 18.99
Area: 4098
Amount: 0.087668
Amount Units: ppb v/v



Manual Integration Results

RT: 18.99
Area: 6029
Amount: 0.160688
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 13:45:13 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

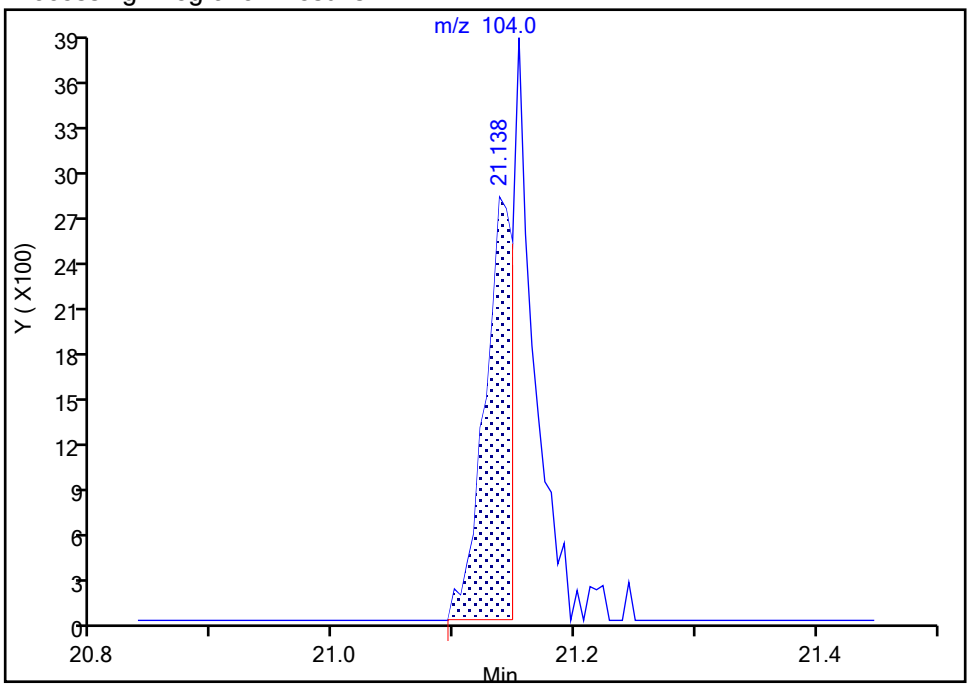
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d				
Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 Styrene, CAS: 100-42-5

Signal: 1

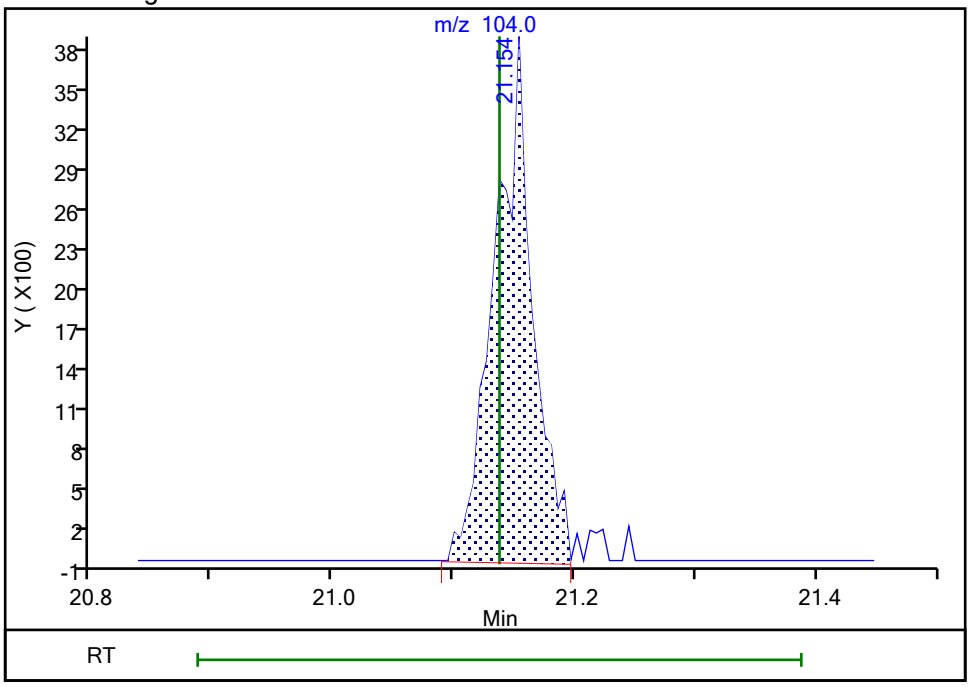
Processing Integration Results

RT: 21.14
Area: 4599
Amount: 0.066886
Amount Units: ppb v/v



Manual Integration Results

RT: 21.15
Area: 8640
Amount: 0.150296
Amount Units: ppb v/v



Reviewer: YWL8, 12-Aug-2025 13:47:36 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

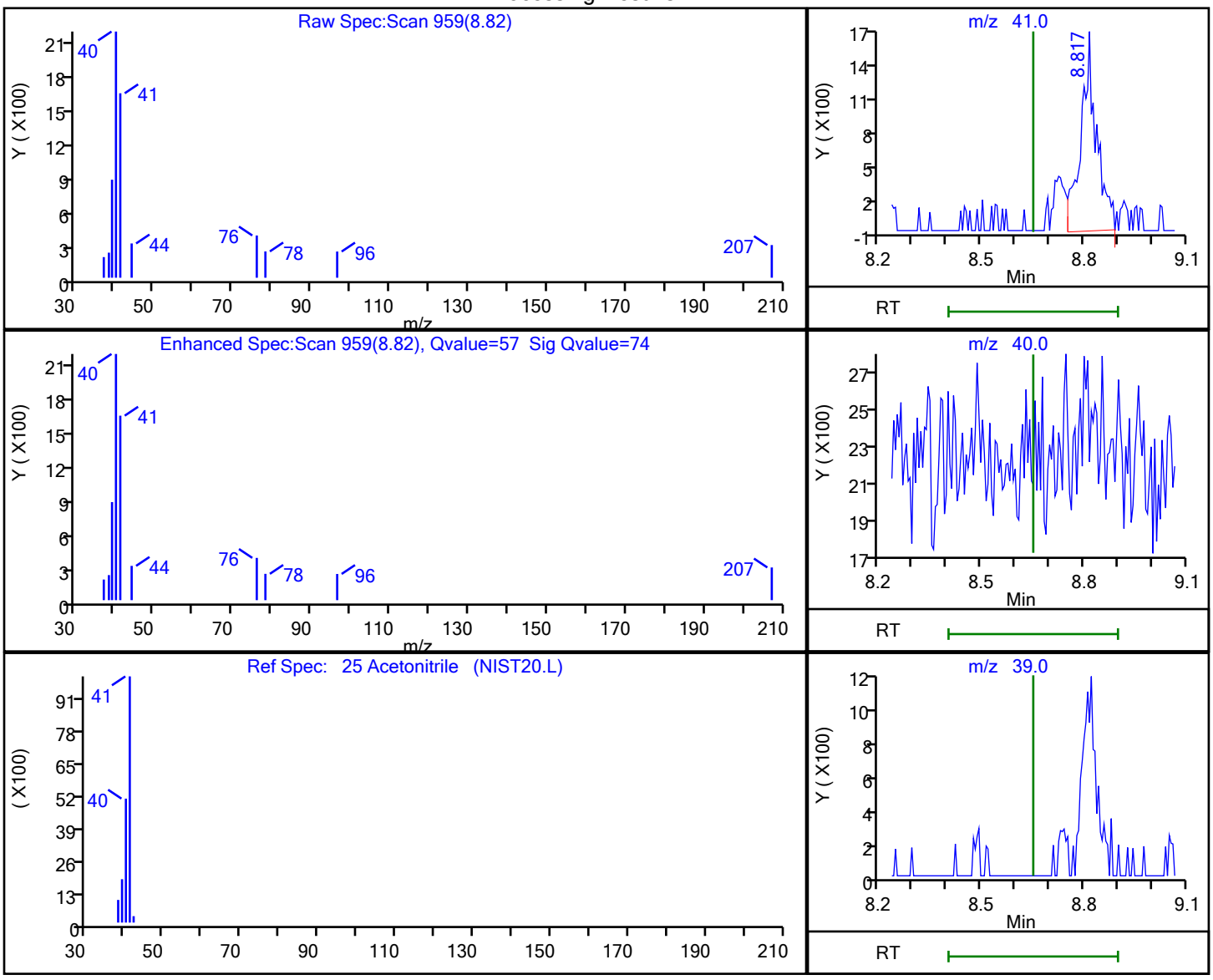
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d				
Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

25 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
8.82	41.00	5107	0.422376
8.65	40.00	0	
8.65	39.00	0	

Reviewer: YWL8, 12-Aug-2025 13:05:52 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

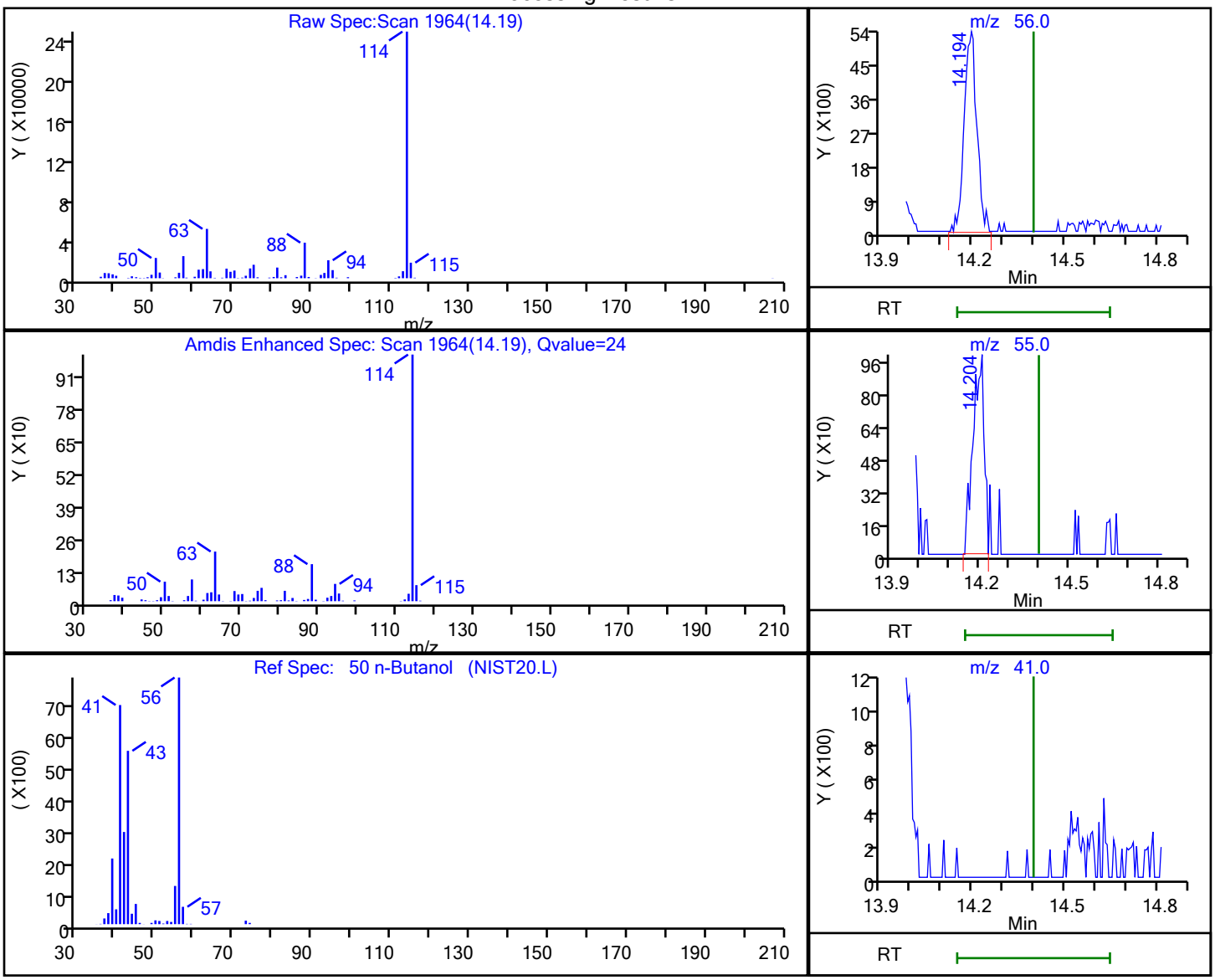
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d				
Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

50 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
14.19	56.00	15193	0.478702
14.20	55.00	2619	
14.40	41.00	0	

Reviewer: YWL8, 12-Aug-2025 13:28:22 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

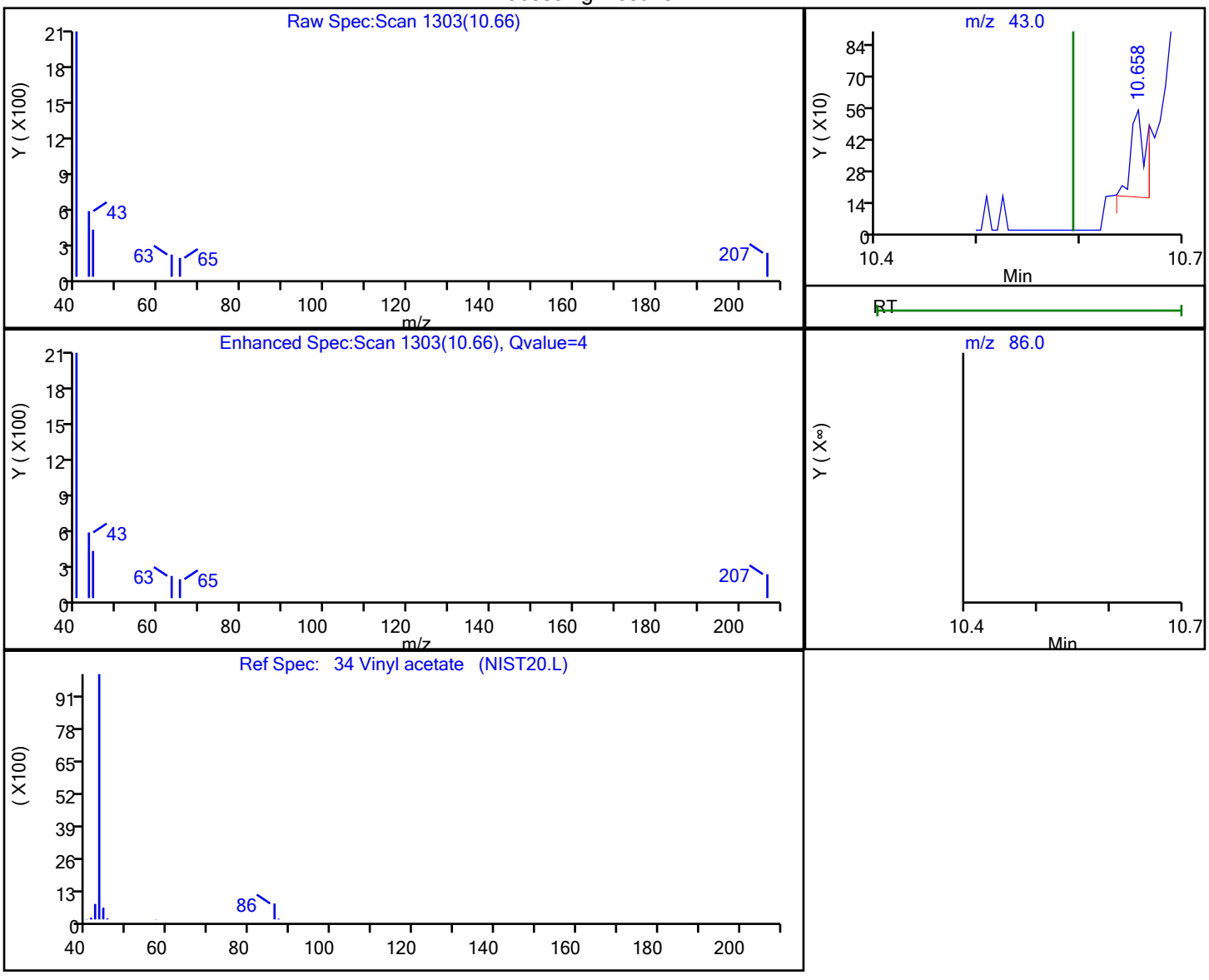
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-07.d				
Injection Date:	11-Aug-2025 18:48:30	Instrument ID:	CHW.i		
Lims ID:	ic				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
10.66	43.00	403	0.010649
10.59	86.00	0	

Reviewer: YWL8, 12-Aug-2025 13:08:27 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-10.d
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 11-Aug-2025 21:24:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066295-010
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Aug-2025 11:46:51 Calib Date: 12-Aug-2025 09:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: BKZ7 Date: 12-Aug-2025 11:46:51

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1	Propene	41	4.109	4.109	0.000	97	116641	10.0	9.59	
2	Dichlorodifluoromethane	85	4.200	4.200	0.000	99	501004	10.0	9.80	
3	Chlorodifluoromethane	51	4.238	4.238	0.000	96	274692	10.0	9.49	
4	1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.537	4.537	0.000	92	445354	10.0	9.61	
5	Chloromethane	50	4.655	4.655	0.000	99	134228	10.0	9.41	
6	Vinyl chloride	62	4.949	4.949	0.000	100	179005	10.0	9.13	
7	Butane	43	4.955	4.955	0.000	96	283638	10.0	9.39	
8	Butadiene	54	5.062	5.062	0.000	94	144319	10.0	8.59	
9	Bromomethane	94	5.805	5.805	0.000	98	138750	10.0	9.66	
10	Chloroethane	64	6.094	6.094	0.000	98	77885	10.0	9.20	
12	2-Methylbutane	43	6.335	6.335	0.000	92	173788	10.0	9.47	
13	Vinyl bromide	106	6.570	6.570	0.000	98	143708	10.0	9.46	
14	Trichlorofluoromethane	101	6.752	6.752	0.000	99	521485	10.0	9.45	
15	Pentane	43	6.988	6.988	0.000	96	264819	10.0	9.65	
16	Ethanol	45	7.175	7.175	0.000	98	117382	15.0	15.8	
18	Ethyl ether	59	7.464	7.464	0.000	94	113111	10.0	10.1	
19	Acrolein	56	7.747	7.747	0.000	96	64339	11.7	11.5	
20	1,1-Dichloroethene	96	7.988	7.988	0.000	93	155885	10.0	9.41	
21	1,1,2-Trichloro-1,2,2-trifluoroe	101	8.025	8.025	0.000	97	362348	10.0	9.58	
22	Acetone	43	8.057	8.057	0.000	99	265725	10.0	9.45	
23	Isopropyl alcohol	45	8.405	8.405	0.000	99	301816	11.6	11.2	
24	Carbon disulfide	76	8.475	8.475	0.000	100	409989	10.0	9.63	
25	Acetonitrile	41	8.651	8.651	0.000	99	111630	10.0	9.61	
26	3-Chloro-1-propene	41	8.812	8.812	0.000	96	187016	10.0	9.64	
27	Methylene Chloride	49	9.090	9.090	0.000	97	189694	10.0	9.31	
28	2-Methyl-2-propanol	59	9.320	9.320	0.000	99	383000	10.0	9.59	
29	Acrylonitrile	53	9.555	9.555	0.000	92	109871	10.0	9.40	
31	Methyl tert-butyl ether	73	9.689	9.689	0.000	96	511835	10.0	9.66	
30	trans-1,2-Dichloroethene	61	9.694	9.694	0.000	78	243553	10.0	9.70	
S 35	1,2-Dichloroethene, Total	61				0		20.0	19.0	
32	Hexane	57	10.299	10.299	0.000	91	256354	10.0	9.66	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.593	10.593	0.000	88	299368	10.0	9.33	
34 Vinyl acetate	43	10.593	10.593	0.000	99	362900	11.4	10.4	
36 2-Butanone (MEK)	72	11.685	11.685	0.000	100	76703	10.0	9.96	
37 cis-1,2-Dichloroethene	96	11.727	11.727	0.000	94	172863	10.0	9.28	
38 Ethyl acetate	88	11.781	11.781	0.000	99	15310	10.0	9.59	
* 39 Chlorobromomethane	128	12.187	12.187	0.000	90	123345	10.0	10.0	
40 Tetrahydrofuran	42	12.241	12.241	0.000	91	178984	10.0	9.44	
41 Chloroform	83	12.375	12.375	0.000	97	377088	10.0	9.62	
42 1,1,1-Trichloroethane	97	12.728	12.728	0.000	98	452599	10.0	9.57	
43 Cyclohexane	84	12.888	12.888	0.000	97	216888	10.0	9.47	
44 Carbon tetrachloride	117	13.043	13.043	0.000	98	487381	10.0	9.86	
45 Benzene	78	13.407	13.407	0.000	98	473593	10.0	9.41	
46 1,2-Dichloroethane	62	13.482	13.482	0.000	90	277352	10.0	9.30	
47 Isooctane	57	13.643	13.643	0.000	98	828269	10.0	9.60	
48 n-Heptane	43	13.969	13.969	0.000	90	287975	10.0	9.47	
* 49 1,4-Difluorobenzene	114	14.188	14.188	0.000	95	640715	10.0	10.0	
50 n-Butanol	56	14.397	14.397	0.000	89	122993	10.0	9.56	
51 Trichloroethene	95	14.659	14.659	0.000	97	237907	10.0	9.33	
53 1,2-Dichloropropane	63	15.140	15.140	0.000	72	178630	10.0	9.48	
54 Methyl methacrylate	69	15.215	15.215	0.000	93	176268	10.0	9.78	
55 1,4-Dioxane	88	15.274	15.274	0.000	95	99481	10.0	9.88	
57 Dibromomethane	174	15.312	15.312	0.000	94	234089	10.0	9.35	
58 Dichlorobromomethane	83	15.633	15.633	0.000	98	427420	10.0	9.68	
59 cis-1,3-Dichloropropene	75	16.467	16.467	0.000	97	320848	10.0	9.58	
61 4-Methyl-2-pentanone (MIBK)	43	16.713	16.713	0.000	98	397389	10.0	9.70	
62 Toluene	92	17.141	17.141	0.000	93	366727	10.0	9.50	
A 63 Toluene Range	1	17.157	(17.077-17.238)		0	1560535	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	89	403823	10.0	9.50	
A 65 C8 Range	1	17.387	(17.307-17.478)		0	1676928	NC	NC	
66 trans-1,3-Dichloropropene	75	17.553	17.553	0.000	98	280093	10.0	9.73	
67 1,1,2-Trichloroethane	83	17.944	17.944	0.000	97	169864	10.0	9.60	
68 Tetrachloroethene	166	18.179	18.179	0.000	95	349487	10.0	9.43	
69 2-Hexanone	43	18.340	18.340	0.000	94	381923	10.0	10.2	
70 Chlorodibromomethane	129	18.719	18.719	0.000	98	441371	10.0	9.71	
71 Ethylene Dibromide	107	18.976	18.976	0.000	98	345808	10.0	9.61	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	90	558689	10.0	10.0	
74 Chlorobenzene	112	19.961	19.961	0.000	93	511649	10.0	9.37	
S 80 Xylenes, Total	106				0		30.0	28.8	
75 Ethylbenzene	91	20.148	20.148	0.000	99	875293	10.0	9.58	
76 m-Xylene & p-Xylene	106	20.405	20.405	0.000	0	658762	20.0	19.2	
77 n-Nonane	57	20.437	20.437	0.000	88	390149	10.0	9.66	
78 o-Xylene	106	21.111	21.111	0.000	97	315883	10.0	9.59	
79 Styrene	104	21.137	21.137	0.000	99	531236	10.0	9.64	
81 Bromoform	173	21.464	21.464	0.000	96	416736	10.0	9.79	
82 Isopropylbenzene	105	21.726	21.726	0.000	99	1038732	10.0	9.55	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	98	436987	10.0	9.36	
84 1,2,3-Trichloropropane	75	22.288	22.288	0.000	94	364435	10.0	9.37	
85 N-Propylbenzene	91	22.384	22.384	0.000	99	1208396	10.0	9.59	
86 2-Chlorotoluene	91	22.539	22.539	0.000	97	844526	10.0	9.29	
87 4-Ethyltoluene	105	22.566	22.566	0.000	98	1025252	10.0	9.63	
88 1,3,5-Trimethylbenzene	105	22.651	22.651	0.000	94	891443	10.0	9.43	
89 n-Decane	57	22.662	22.662	0.000	93	515757	10.0	9.57	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.962	22.962	0.000	87	449442	10.0	9.71	
91 tert-Butylbenzene	119	23.112	23.112	0.000	93	872817	10.0	9.54	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	98	890575	10.0	9.50	
93 sec-Butylbenzene	105	23.432	23.432	0.000	98	1287863	10.0	9.60	
94 1,3-Dichlorobenzene	146	23.625	23.625	0.000	99	591746	10.0	9.37	
95 4-Isopropyltoluene	119	23.646	23.646	0.000	97	1158188	10.0	9.58	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	94	591391	10.0	9.42	
97 Benzyl chloride	91	23.919	23.919	0.000	98	779769	10.0	9.68	
98 n-Butylbenzene	91	24.246	24.246	0.000	99	1040492	10.0	9.68	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	95	566728	10.0	9.38	
100 Undecane	57	24.379	24.379	0.000	94	580337	10.0	9.42	
101 Dodecane	57	26.129	26.129	0.000	95	576808	10.0	9.67	
102 1,2,4-Trichlorobenzene	180	27.022	27.022	0.000	94	519536	11.7	10.5	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	97	547688	11.2	9.70	
104 Naphthalene	128	27.573	27.573	0.000	99	1111964	11.9	10.0	
105 1,2,3-Trichlorobenzene	180	28.049	28.049	0.000	95	489911	11.6	9.74	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00835	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

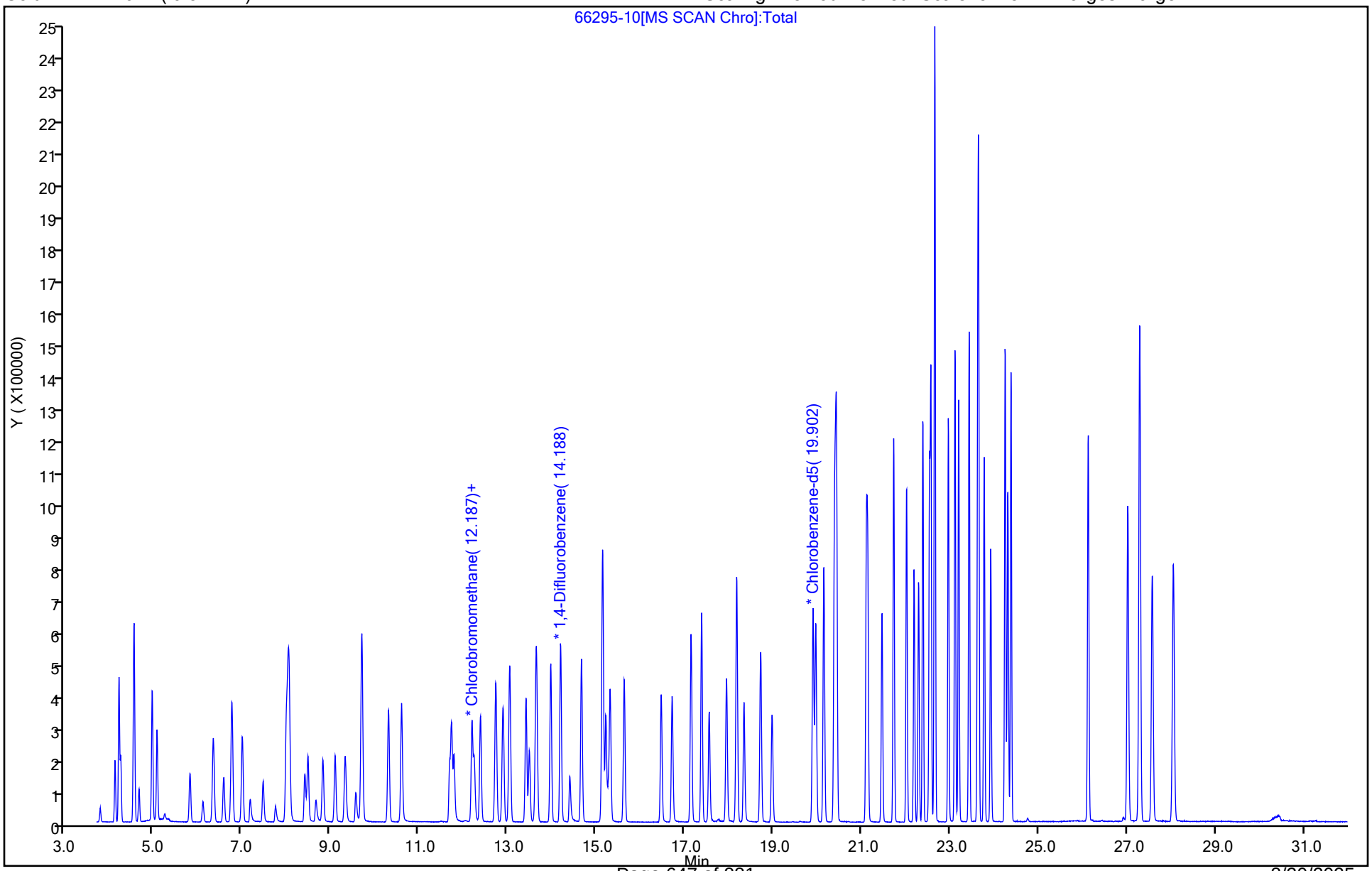
Report Date: 12-Aug-2025 11:46:51 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-10.d

Injection Date:	11-Aug-2025 21:24:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	icis			Worklist Smp#:	10
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-11.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 11-Aug-2025 22:14:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066295-011
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Aug-2025 11:47:01 Calib Date: 12-Aug-2025 09:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: YWL8 Date: 12-Aug-2025 14:09:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.109	4.109	0.000	96	169133	15.0	15.8	
2 Dichlorodifluoromethane	85	4.200	4.200	0.000	99	692460	15.0	15.4	
3 Chlorodifluoromethane	51	4.238	4.238	0.000	96	396824	15.0	15.6	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.537	4.537	0.000	91	650057	15.0	15.9	
5 Chloromethane	50	4.655	4.655	0.000	99	195543	15.0	15.6	
6 Vinyl chloride	62	4.949	4.949	0.000	100	258226	15.0	15.0	
7 Butane	43	4.955	4.955	0.000	97	410231	15.0	15.4	
8 Butadiene	54	5.062	5.062	0.000	95	206760	15.0	14.0	
9 Bromomethane	94	5.805	5.805	0.000	98	200478	15.0	15.9	
10 Chloroethane	64	6.100	6.094	0.006	99	114927	15.0	15.4	
12 2-Methylbutane	43	6.335	6.335	0.000	91	254985	15.0	15.8	
13 Vinyl bromide	106	6.570	6.570	0.000	98	209571	15.0	15.7	
14 Trichlorofluoromethane	101	6.758	6.752	0.006	98	761476	15.0	15.7	
15 Pentane	43	6.993	6.988	0.005	96	385400	15.0	15.9	
16 Ethanol	45	7.164	7.175	-0.011	98	154114	20.0	23.6	
18 Ethyl ether	59	7.453	7.464	-0.011	94	164069	15.0	16.6	
19 Acrolein	56	7.737	7.747	-0.010	97	95768	17.6	19.4	
20 1,1-Dichloroethene	96	7.988	7.988	0.000	95	228640	15.0	15.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.031	8.025	0.006	97	526020	15.0	15.8	
22 Acetone	43	8.058	8.057	0.000	100	390353	15.0	15.8	
23 Isopropyl alcohol	45	8.400	8.405	-0.005	100	437189	17.4	18.5	
24 Carbon disulfide	76	8.475	8.475	0.000	100	595438	15.0	15.9	
25 Acetonitrile	41	8.651	8.651	0.000	98	160405	15.0	15.7	
26 3-Chloro-1-propene	41	8.812	8.812	0.000	95	269046	15.0	15.7	
27 Methylene Chloride	49	9.090	9.090	0.000	97	273645	15.0	15.3	
28 2-Methyl-2-propanol	59	9.309	9.320	-0.011	99	554606	15.0	15.8	
29 Acrylonitrile	53	9.555	9.555	0.000	94	161573	15.0	15.7	
31 Methyl tert-butyl ether	73	9.689	9.689	0.000	96	748444	15.0	16.0	
30 trans-1,2-Dichloroethene	61	9.695	9.694	0.001	98	348700	15.0	15.8	
S 35 1,2-Dichloroethene, Total	61				0		30.0	31.1	
32 Hexane	57	10.299	10.299	0.000	91	372326	15.0	15.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.588	10.593	-0.005	100	436804	15.0	15.5	
34 Vinyl acetate	43	10.593	10.593	0.000	99	564494	17.1	18.3	
36 2-Butanone (MEK)	72	11.679	11.685	-0.006	100	111509	15.0	16.4	
37 cis-1,2-Dichloroethene	96	11.722	11.727	-0.005	97	251110	15.0	15.3	
38 Ethyl acetate	88	11.776	11.781	-0.005	99	22318	15.0	15.9	
* 39 Chlorobromomethane	128	12.187	12.187	0.000	90	108635	10.0	10.0	
40 Tetrahydrofuran	42	12.230	12.241	-0.011	92	260054	15.0	15.8	
41 Chloroform	83	12.380	12.375	0.005	96	552060	15.0	16.0	
42 1,1,1-Trichloroethane	97	12.722	12.728	-0.006	98	657687	15.0	16.0	
43 Cyclohexane	84	12.888	12.888	0.000	97	316537	15.0	15.9	
44 Carbon tetrachloride	117	13.038	13.043	-0.005	98	707679	15.0	16.5	
45 Benzene	78	13.407	13.407	0.000	98	693501	15.0	15.9	
46 1,2-Dichloroethane	62	13.482	13.482	0.000	90	405662	15.0	15.7	
47 Isooctane	57	13.637	13.643	-0.006	98	1199653	15.0	16.0	
48 n-Heptane	43	13.969	13.969	0.000	90	417789	15.0	15.8	
* 49 1,4-Difluorobenzene	114	14.188	14.188	0.000	95	556339	10.0	10.0	
50 n-Butanol	56	14.397	14.397	0.000	90	178483	15.0	16.0	
51 Trichloroethene	95	14.664	14.659	0.005	97	349435	15.0	15.8	
53 1,2-Dichloropropane	63	15.141	15.140	0.001	84	263484	15.0	16.1	
54 Methyl methacrylate	69	15.215	15.215	0.000	94	258078	15.0	16.5	
55 1,4-Dioxane	88	15.269	15.274	-0.005	93	147246	15.0	16.8	
57 Dibromomethane	174	15.312	15.312	0.000	94	344912	15.0	15.9	
58 Dichlorobromomethane	83	15.627	15.633	-0.006	99	622646	15.0	16.2	
59 cis-1,3-Dichloropropene	75	16.467	16.467	0.000	96	473226	15.0	16.3	
61 4-Methyl-2-pentanone (MIBK)	43	16.713	16.713	0.000	98	576790	15.0	16.2	
62 Toluene	92	17.141	17.141	0.000	93	530715	15.0	16.2	
A 63 Toluene Range	1	17.157	(17.077-17.238)		0	2255825	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	89	585011	15.0	15.8	
A 65 C8 Range	1	17.393	(17.307-17.478)		0	2422510	NC	NC	
66 trans-1,3-Dichloropropene	75	17.553	17.553	0.000	98	411286	15.0	16.5	
67 1,1,2-Trichloroethane	83	17.944	17.944	0.000	97	245144	15.0	16.3	
68 Tetrachloroethene	166	18.174	18.179	-0.005	95	503634	15.0	16.0	
69 2-Hexanone	43	18.340	18.340	0.000	94	546527	15.0	17.1	
70 Chlorodibromomethane	129	18.714	18.719	-0.005	98	648533	15.0	16.8	
71 Ethylene Dibromide	107	18.976	18.976	0.000	98	507747	15.0	16.6	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	88	475185	10.0	10.0	
74 Chlorobenzene	112	19.961	19.961	0.000	93	741997	15.0	16.0	
S 80 Xylenes, Total	106				0		45.0	49.2	
75 Ethylbenzene	91	20.148	20.148	0.000	99	1272663	15.0	16.4	
76 m-Xylene & p-Xylene	106	20.394	20.405	-0.011	0	958817	30.0	32.8	
77 n-Nonane	57	20.437	20.437	0.000	88	562703	15.0	16.4	
78 o-Xylene	106	21.105	21.111	-0.006	97	456903	15.0	16.3	
79 Styrene	104	21.138	21.137	0.001	99	781495	15.0	16.7	
81 Bromoform	173	21.459	21.464	-0.005	96	618467	15.0	17.1	
82 Isopropylbenzene	105	21.726	21.726	0.000	99	1515749	15.0	16.4	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	99	635723	15.0	16.0	
84 1,2,3-Trichloropropane	75	22.288	22.288	0.000	94	531608	15.0	16.1	
85 N-Propylbenzene	91	22.384	22.384	0.000	99	1756441	15.0	16.4	
86 2-Chlorotoluene	91	22.539	22.539	0.000	97	1236157	15.0	16.0	
87 4-Ethyltoluene	105	22.566	22.566	0.000	98	1483818	15.0	16.4	
88 1,3,5-Trimethylbenzene	105	22.652	22.651	0.001	91	1289831	15.0	16.0	
89 n-Decane	57	22.662	22.662	0.000	94	751257	15.0	16.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.962	22.962	0.000	87	647295	15.0	16.4	
91 tert-Butylbenzene	119	23.117	23.112	0.005	93	1260449	15.0	16.2	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	98	1285940	15.0	16.1	
93 sec-Butylbenzene	105	23.433	23.432	0.001	98	1859859	15.0	16.3	
94 1,3-Dichlorobenzene	146	23.625	23.625	0.000	99	859571	15.0	16.0	
95 4-Isopropyltoluene	119	23.647	23.646	0.001	97	1672518	15.0	16.3	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	94	850627	15.0	15.9	
97 Benzyl chloride	91	23.925	23.919	0.006	98	1094895	15.0	16.0	
98 n-Butylbenzene	91	24.246	24.246	0.000	98	1501697	15.0	16.4	
99 1,2-Dichlorobenzene	146	24.305	24.310	-0.005	95	805921	15.0	15.7	
100 Undecane	57	24.379	24.379	0.000	94	846437	15.0	16.2	
101 Dodecane	57	26.129	26.129	0.000	94	803375	15.0	15.8	
102 1,2,4-Trichlorobenzene	180	27.022	27.022	0.000	94	750565	17.6	17.8	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	97	790885	16.9	16.5	
104 Naphthalene	128	27.579	27.573	0.006	99	1504493	17.8	15.9	
105 1,2,3-Trichlorobenzene	180	28.055	28.049	0.006	96	706774	17.5	16.5	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL5w_00154	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

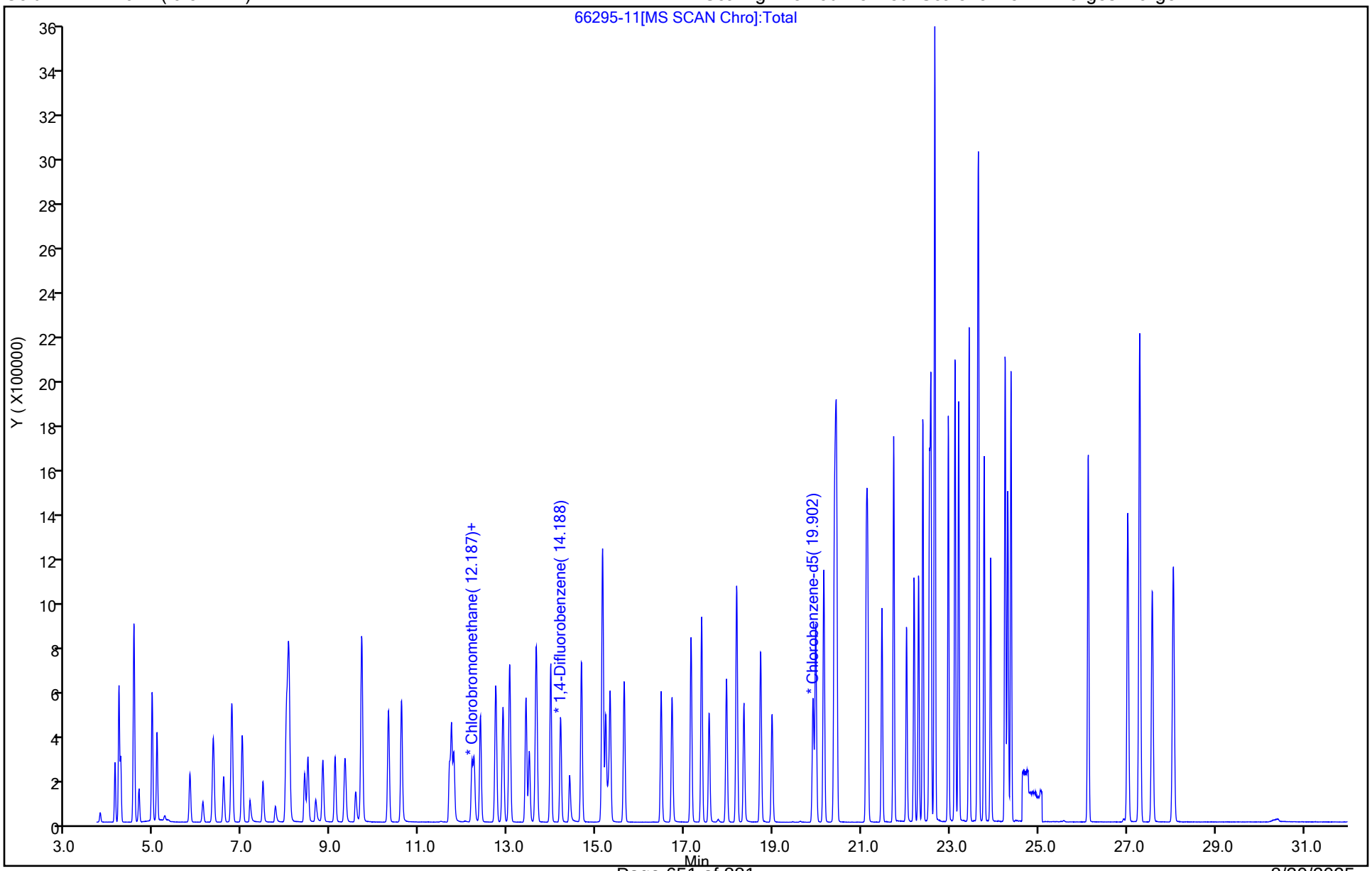
Report Date: 12-Aug-2025 11:47:03 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-11.d

Injection Date:	11-Aug-2025 22:14:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	11
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-15.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 12-Aug-2025 01:39:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066295-015
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Aug-2025 11:47:06 Calib Date: 12-Aug-2025 09:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: YWL8 Date: 12-Aug-2025 14:27:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.109	4.109	0.000	97	214295	20.0	21.1	
2 Dichlorodifluoromethane	85	4.200	4.200	0.000	99	888707	20.0	20.8	
3 Chlorodifluoromethane	51	4.238	4.238	0.000	96	518116	20.0	21.4	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.537	4.537	0.000	95	840397	20.0	21.7	
5 Chloromethane	50	4.650	4.655	-0.005	99	249777	20.0	21.0	
6 Vinyl chloride	62	4.949	4.949	0.000	100	333525	20.0	20.4	
7 Butane	43	4.955	4.955	0.000	96	527196	20.0	20.9	
8 Butadiene	54	5.062	5.062	0.000	95	274473	20.0	19.6	
9 Bromomethane	94	5.805	5.805	0.000	98	258673	20.0	21.6	
10 Chloroethane	64	6.099	6.094	0.005	98	145945	20.0	20.7	
12 2-Methylbutane	43	6.335	6.335	0.000	89	321836	20.0	21.0	
13 Vinyl bromide	106	6.570	6.570	0.000	98	269376	20.0	21.2	
14 Trichlorofluoromethane	101	6.752	6.752	0.000	98	1020363	20.0	22.2	
15 Pentane	43	6.987	6.988	-0.001	95	495209	20.0	21.6	
16 Ethanol	45	7.159	7.175	-0.016	98	287412	40.0	46.5	
18 Ethyl ether	59	7.458	7.464	-0.006	95	213308	20.0	22.8	
19 Acrolein	56	7.736	7.747	-0.011	97	123041	23.4	26.3	
20 1,1-Dichloroethene	96	7.983	7.988	-0.005	93	292048	20.0	21.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.031	8.025	0.006	97	683541	20.0	21.7	
22 Acetone	43	8.052	8.057	-0.005	100	508613	20.0	21.7	
23 Isopropyl alcohol	45	8.400	8.405	-0.005	100	557826	23.2	24.9	
24 Carbon disulfide	76	8.475	8.475	0.000	100	768066	20.0	21.6	
25 Acetonitrile	41	8.651	8.651	0.000	97	207795	20.0	21.4	
26 3-Chloro-1-propene	41	8.812	8.812	0.000	96	343909	20.0	21.2	
27 Methylene Chloride	49	9.090	9.090	0.000	97	359366	20.0	21.1	
28 2-Methyl-2-propanol	59	9.309	9.320	-0.011	99	717535	20.0	21.5	
29 Acrylonitrile	53	9.555	9.555	0.000	93	210017	20.0	21.5	
31 Methyl tert-butyl ether	73	9.689	9.689	0.000	96	978970	20.0	22.1	
30 trans-1,2-Dichloroethene	61	9.694	9.694	0.000	98	458265	20.0	21.9	
S 35 1,2-Dichloroethene, Total	61				0		40.0	42.5	
32 Hexane	57	10.299	10.299	0.000	91	476436	20.0	21.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.588	10.593	-0.005	100	569140	20.0	21.3	
34 Vinyl acetate	43	10.593	10.593	0.000	100	729000	22.8	24.9	
36 2-Butanone (MEK)	72	11.674	11.685	-0.011	100	146402	20.0	22.8	
37 cis-1,2-Dichloroethene	96	11.722	11.727	-0.005	94	320782	20.0	20.6	
38 Ethyl acetate	88	11.781	11.781	0.000	99	28246	20.0	21.2	
* 39 Chlorobromomethane	128	12.187	12.187	0.000	90	102927	10.0	10.0	
40 Tetrahydrofuran	42	12.230	12.241	-0.011	91	335813	20.0	21.2	
41 Chloroform	83	12.375	12.375	0.000	97	724049	20.0	22.1	
42 1,1,1-Trichloroethane	97	12.728	12.728	0.000	98	867099	20.0	22.0	
43 Cyclohexane	84	12.894	12.888	0.006	96	412943	20.0	21.6	
44 Carbon tetrachloride	117	13.038	13.043	-0.005	98	936786	20.0	22.7	
45 Benzene	78	13.407	13.407	0.000	98	897795	20.0	21.4	
46 1,2-Dichloroethane	62	13.482	13.482	0.000	90	537882	20.0	21.6	
47 Isooctane	57	13.643	13.643	-0.001	98	1564660	20.0	21.7	
48 n-Heptane	43	13.969	13.969	0.000	90	544299	20.0	21.5	
* 49 1,4-Difluorobenzene	114	14.194	14.188	0.006	95	534491	10.0	10.0	
50 n-Butanol	56	14.397	14.397	0.000	89	233173	20.0	21.7	
51 Trichloroethene	95	14.659	14.659	0.000	97	456152	20.0	21.4	
53 1,2-Dichloropropane	63	15.140	15.140	0.000	81	334139	20.0	21.3	
54 Methyl methacrylate	69	15.210	15.215	-0.005	92	339911	20.0	22.6	
55 1,4-Dioxane	88	15.263	15.274	-0.011	95	189327	20.0	22.5	
57 Dibromomethane	174	15.317	15.312	0.005	94	449650	20.0	21.5	
58 Dichlorobromomethane	83	15.633	15.633	0.000	99	819063	20.0	22.2	
59 cis-1,3-Dichloropropene	75	16.467	16.467	0.000	97	617422	20.0	22.1	
61 4-Methyl-2-pentanone (MIBK)	43	16.713	16.713	0.000	98	764349	20.0	22.4	
62 Toluene	92	17.141	17.141	0.000	93	692327	20.0	21.8	
A 63 Toluene Range	1	17.157	(17.077-17.238)		0	2959238	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	89	771317	20.0	21.7	
A 65 C8 Range	1	17.393	(17.307-17.478)		0	3185528	NC	NC	
66 trans-1,3-Dichloropropene	75	17.553	17.553	0.000	98	534530	20.0	22.3	
67 1,1,2-Trichloroethane	83	17.944	17.944	0.000	97	317964	20.0	21.9	
68 Tetrachloroethene	166	18.179	18.179	0.000	94	667533	20.0	21.9	
69 2-Hexanone	43	18.340	18.340	0.000	94	726444	20.0	23.5	
70 Chlorodibromomethane	129	18.719	18.719	0.000	98	851265	20.0	22.8	
71 Ethylene Dibromide	107	18.976	18.976	0.000	98	659286	20.0	22.3	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	88	458845	10.0	10.0	
74 Chlorobenzene	112	19.961	19.961	-0.001	94	975867	20.0	21.8	
S 80 Xylenes, Total	106				0		60.0	66.7	
75 Ethylbenzene	91	20.142	20.148	-0.006	99	1663603	20.0	22.2	
76 m-Xylene & p-Xylene	106	20.399	20.405	-0.006	0	1258884	40.0	44.7	
77 n-Nonane	57	20.437	20.437	0.000	88	743224	20.0	22.4	
78 o-Xylene	106	21.111	21.111	0.000	98	597617	20.0	22.1	
79 Styrene	104	21.137	21.137	0.000	99	1023380	20.0	22.6	
81 Bromoform	173	21.458	21.464	-0.006	96	820712	20.0	23.5	
82 Isopropylbenzene	105	21.726	21.726	0.000	99	1994364	20.0	22.3	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	98	827738	20.0	21.6	
84 1,2,3-Trichloropropane	75	22.288	22.288	0.000	94	696359	20.0	21.8	
85 N-Propylbenzene	91	22.384	22.384	0.000	99	2314571	20.0	22.4	
86 2-Chlorotoluene	91	22.539	22.539	0.000	97	1633321	20.0	21.9	
87 4-Ethyltoluene	105	22.566	22.566	0.000	98	1981767	20.0	22.7	
88 1,3,5-Trimethylbenzene	105	22.651	22.651	0.000	91	1717829	20.0	22.1	
89 n-Decane	57	22.662	22.662	0.000	93	994179	20.0	22.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.962	22.962	0.000	87	854798	20.0	22.5	
91 tert-Butylbenzene	119	23.111	23.112	-0.001	93	1675059	20.0	22.3	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	98	1701510	20.0	22.1	
93 sec-Butylbenzene	105	23.432	23.432	0.000	98	2452873	20.0	22.3	
94 1,3-Dichlorobenzene	146	23.625	23.625	0.000	99	1139360	20.0	22.0	
95 4-Isopropyltoluene	119	23.646	23.646	0.000	97	2237316	20.0	22.5	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	94	1140616	20.0	22.1	
97 Benzyl chloride	91	23.919	23.919	0.000	98	1451055	20.0	21.9	
98 n-Butylbenzene	91	24.246	24.246	0.000	98	1991040	20.0	22.6	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	95	1064904	20.0	21.5	
100 Undecane	57	24.379	24.379	0.000	94	1100435	20.0	21.8	
101 Dodecane	57	26.123	26.129	-0.006	94	1058392	20.0	21.6	
102 1,2,4-Trichlorobenzene	180	27.022	27.022	0.000	94	979931	23.5	24.0	
103 Hexachlorobutadiene	225	27.290	27.295	-0.005	97	1036814	22.5	22.4	
104 Naphthalene	128	27.573	27.573	0.000	99	1988772	23.8	21.8	
105 1,2,3-Trichlorobenzene	180	28.055	28.049	0.006	94	915481	23.3	22.2	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL6w_00244	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

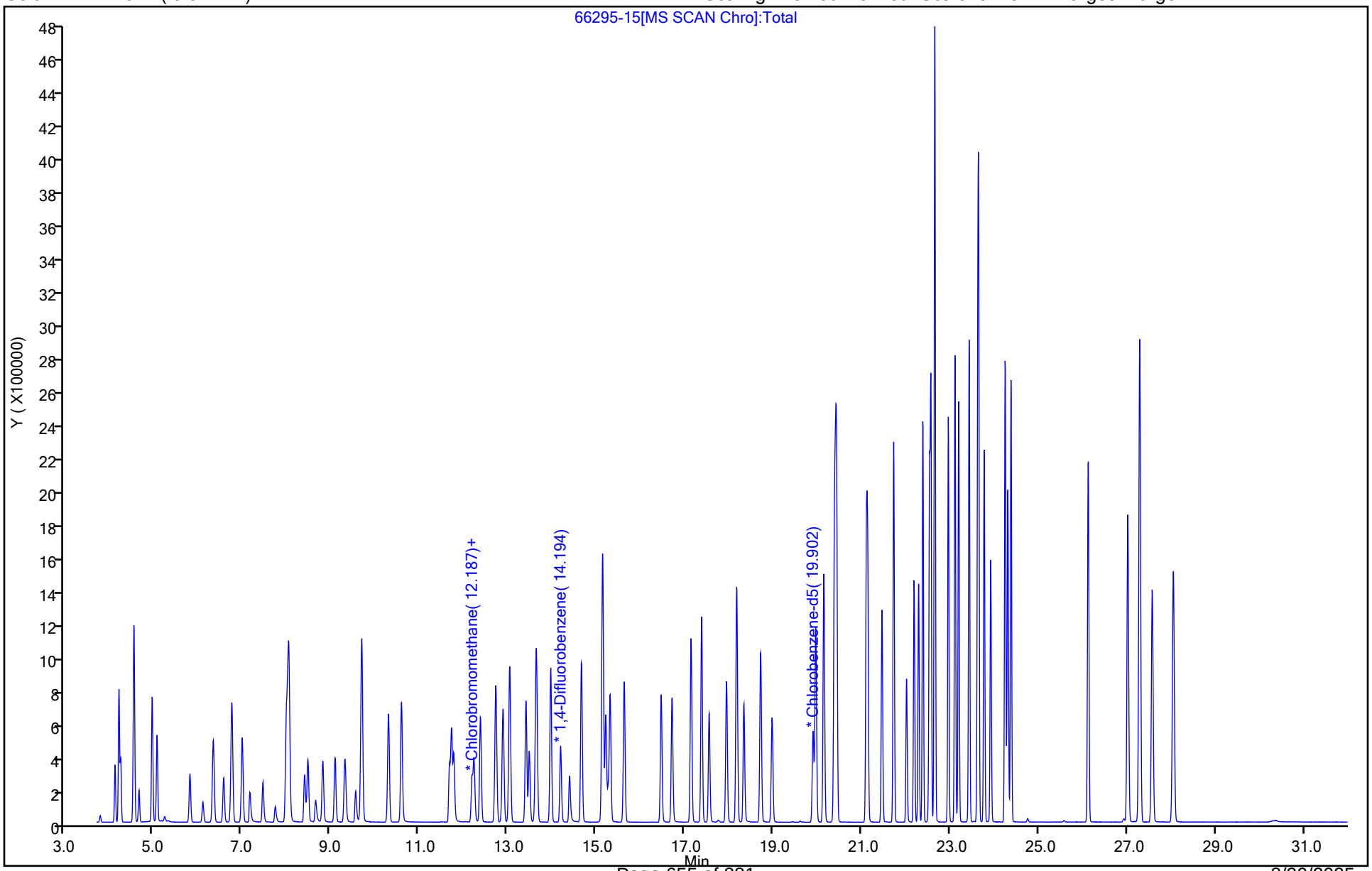
Report Date: 12-Aug-2025 11:47:07 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-15.d

Injection Date:	12-Aug-2025 01:39:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	15
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-16.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 12-Aug-2025 02:30:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066295-016
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Aug-2025 11:47:10 Calib Date: 12-Aug-2025 09:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: YWL8 Date: 12-Aug-2025 14:29:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.110	4.109	0.001	96	440021	40.0	37.5	
2 Dichlorodifluoromethane	85	4.200	4.200	0.000	99	1810462	40.0	36.7	
3 Chlorodifluoromethane	51	4.238	4.238	0.000	96	1037340	40.0	37.1	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.537	4.537	0.000	98	1723660	40.0	38.5	
5 Chloromethane	50	4.655	4.655	0.000	99	515657	40.0	37.4	
6 Vinyl chloride	62	4.949	4.949	0.000	100	680661	40.0	36.0	
7 Butane	43	4.949	4.955	-0.006	96	1073063	40.0	36.8	
8 Butadiene	54	5.062	5.062	0.000	94	553440	40.0	34.1	
9 Bromomethane	94	5.805	5.805	0.000	98	533282	40.0	38.5	
10 Chloroethane	64	6.100	6.094	0.006	99	301918	40.0	36.9	
12 2-Methylbutane	43	6.335	6.335	0.000	89	658517	40.0	37.2	
13 Vinyl bromide	106	6.570	6.570	0.000	98	555494	40.0	37.9	
14 Trichlorofluoromethane	101	6.752	6.752	0.000	98	2052407	40.0	38.5	
15 Pentane	43	6.988	6.988	0.000	96	1022222	40.0	38.6	
16 Ethanol	45	7.159	7.175	-0.016	98	771482	100.0	107.9	
18 Ethyl ether	59	7.458	7.464	-0.006	94	443035	40.0	40.9	
19 Acrolein	56	7.737	7.747	-0.010	97	226173	46.8	41.8	
20 1,1-Dichloroethene	96	7.988	7.988	0.000	93	604619	40.0	37.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.031	8.025	0.006	97	1405278	40.0	38.5	
22 Acetone	43	8.052	8.057	-0.005	100	1051326	40.0	38.7	
23 Isopropyl alcohol	45	8.395	8.405	-0.010	100	1135247	46.4	43.8	
24 Carbon disulfide	76	8.475	8.475	0.000	100	1588103	40.0	38.6	
25 Acetonitrile	41	8.646	8.651	-0.005	98	434110	40.0	38.7	
26 3-Chloro-1-propene	41	8.812	8.812	0.000	96	713955	40.0	38.1	
27 Methylene Chloride	49	9.090	9.090	0.000	97	736814	40.0	37.5	
28 2-Methyl-2-propanol	59	9.309	9.320	-0.011	99	1471460	40.0	38.2	
29 Acrylonitrile	53	9.550	9.555	-0.005	93	441050	40.0	39.1	
31 Methyl tert-butyl ether	73	9.684	9.689	-0.005	96	2021574	40.0	39.5	
30 trans-1,2-Dichloroethene	61	9.695	9.694	0.001	96	942701	40.0	38.9	
S 35 1,2-Dichloroethene, Total	61				0		80.0	75.8	
32 Hexane	57	10.294	10.299	-0.005	91	998940	40.0	39.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.588	10.593	-0.005	100	1169456	40.0	37.7	
34 Vinyl acetate	43	10.593	10.593	0.000	99	1591299	45.6	47.1	
36 2-Butanone (MEK)	72	11.674	11.685	-0.011	100	300331	40.0	40.4	
37 cis-1,2-Dichloroethene	96	11.722	11.727	-0.005	97	662288	40.0	36.8	
38 Ethyl acetate	88	11.770	11.781	-0.011	99	61455	40.0	39.9	
* 39 Chlorobromomethane	128	12.188	12.187	0.001	89	119076	10.0	10.0	
40 Tetrahydrofuran	42	12.225	12.241	-0.016	92	688135	40.0	40.2	
41 Chloroform	83	12.375	12.375	0.000	97	1474321	40.0	39.0	
42 1,1,1-Trichloroethane	97	12.728	12.728	0.000	98	1769524	40.0	41.4	
43 Cyclohexane	84	12.888	12.888	0.000	97	842595	40.0	40.7	
44 Carbon tetrachloride	117	13.038	13.043	-0.005	99	1899384	40.0	42.5	
45 Benzene	78	13.407	13.407	0.000	98	1858050	40.0	40.9	
46 1,2-Dichloroethane	62	13.482	13.482	0.000	90	1108705	40.0	41.2	
47 Isooctane	57	13.643	13.643	0.000	98	3221793	40.0	41.3	
48 n-Heptane	43	13.969	13.969	0.000	90	1120147	40.0	40.8	
* 49 1,4-Difluorobenzene	114	14.194	14.188	0.006	96	578729	10.0	10.0	
50 n-Butanol	56	14.392	14.397	-0.005	90	485240	40.0	41.8	
51 Trichloroethene	95	14.664	14.659	0.005	97	949177	40.0	41.2	
53 1,2-Dichloropropane	63	15.146	15.140	0.006	71	704473	40.0	41.4	
54 Methyl methacrylate	69	15.210	15.215	-0.005	93	722206	40.0	44.3	
55 1,4-Dioxane	88	15.264	15.274	-0.010	95	374335	40.0	41.2	
57 Dibromomethane	174	15.312	15.312	0.000	94	967427	40.0	42.8	
58 Dichlorobromomethane	83	15.627	15.633	-0.006	98	1656120	40.0	41.5	
59 cis-1,3-Dichloropropene	75	16.467	16.467	0.000	97	1285123	40.0	42.5	
61 4-Methyl-2-pentanone (MIBK)	43	16.713	16.713	0.000	98	1580380	40.0	42.7	
62 Toluene	92	17.141	17.141	0.000	93	1447302	40.0	40.3	
A 63 Toluene Range	1	17.157	(17.077-17.238)		0	6090842	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	89	1588173	40.0	41.3	
A 65 C8 Range	1	17.393	(17.307-17.478)		0	6564457	NC	NC	
66 trans-1,3-Dichloropropene	75	17.553	17.553	0.000	98	1127601	40.0	43.4	
67 1,1,2-Trichloroethane	83	17.944	17.944	0.000	97	662847	40.0	40.3	
68 Tetrachloroethene	166	18.174	18.179	-0.005	95	1376848	40.0	39.9	
69 2-Hexanone	43	18.334	18.340	-0.006	94	1530790	40.0	43.8	
70 Chlorodibromomethane	129	18.720	18.719	0.001	98	1659675	40.0	39.2	
71 Ethylene Dibromide	107	18.976	18.976	0.000	100	1363632	40.0	40.7	
* 73 Chlorobenzene-d5	117	19.907	19.902	0.005	87	519834	10.0	10.0	
74 Chlorobenzene	112	19.961	19.961	0.000	93	2037245	40.0	40.1	
S 80 Xylenes, Total	106				0		120.0	123.8	
75 Ethylbenzene	91	20.148	20.148	0.000	99	3476127	40.0	40.9	
76 m-Xylene & p-Xylene	106	20.405	20.405	0.000	0	2641474	80.0	82.7	
77 n-Nonane	57	20.437	20.437	0.000	88	1570329	40.0	41.8	
78 o-Xylene	106	21.111	21.111	0.000	97	1258470	40.0	41.1	
79 Styrene	104	21.138	21.137	0.001	98	2146371	40.0	41.8	
81 Bromoform	173	21.464	21.464	0.000	97	1379330	40.0	34.8	
82 Isopropylbenzene	105	21.726	21.726	0.000	99	4160866	40.0	41.1	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	98	1705972	40.0	39.3	
84 1,2,3-Trichloropropane	75	22.288	22.288	0.000	94	1448151	40.0	40.0	
85 N-Propylbenzene	91	22.389	22.384	0.005	99	4807761	40.0	41.0	
86 2-Chlorotoluene	91	22.539	22.539	0.000	97	3436699	40.0	40.6	
87 4-Ethyltoluene	105	22.566	22.566	0.000	98	4136708	40.0	41.8	
88 1,3,5-Trimethylbenzene	105	22.652	22.651	0.001	91	3662503	40.0	41.6	
89 n-Decane	57	22.662	22.662	0.000	94	2114767	40.0	42.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.962	22.962	0.000	87	1803230	40.0	41.9	
91 tert-Butylbenzene	119	23.117	23.112	0.005	93	3502801	40.0	41.2	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	98	3573167	40.0	41.0	
93 sec-Butylbenzene	105	23.433	23.432	0.001	98	5120963	40.0	41.0	
94 1,3-Dichlorobenzene	146	23.625	23.625	0.000	99	2386420	40.0	40.6	
95 4-Isopropyltoluene	119	23.647	23.646	0.001	97	4692347	40.0	41.7	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	94	2350016	40.0	40.2	
97 Benzyl chloride	91	23.919	23.919	0.000	98	3044531	40.0	40.6	
98 n-Butylbenzene	91	24.246	24.246	0.000	98	4132877	40.0	41.3	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	95	2208590	40.0	39.3	
100 Undecane	57	24.380	24.379	0.001	94	2336329	40.0	40.8	
101 Dodecane	57	26.129	26.129	0.000	94	2233507	40.0	40.3	
102 1,2,4-Trichlorobenzene	180	27.022	27.022	0.000	94	2051734	46.9	44.4	
103 Hexachlorobutadiene	225	27.290	27.295	-0.005	97	2183402	45.0	41.6	
104 Naphthalene	128	27.579	27.573	0.006	99	4165631	47.6	40.3	
105 1,2,3-Trichlorobenzene	180	28.055	28.049	0.006	95	1903506	46.6	40.7	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL7w_00154	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

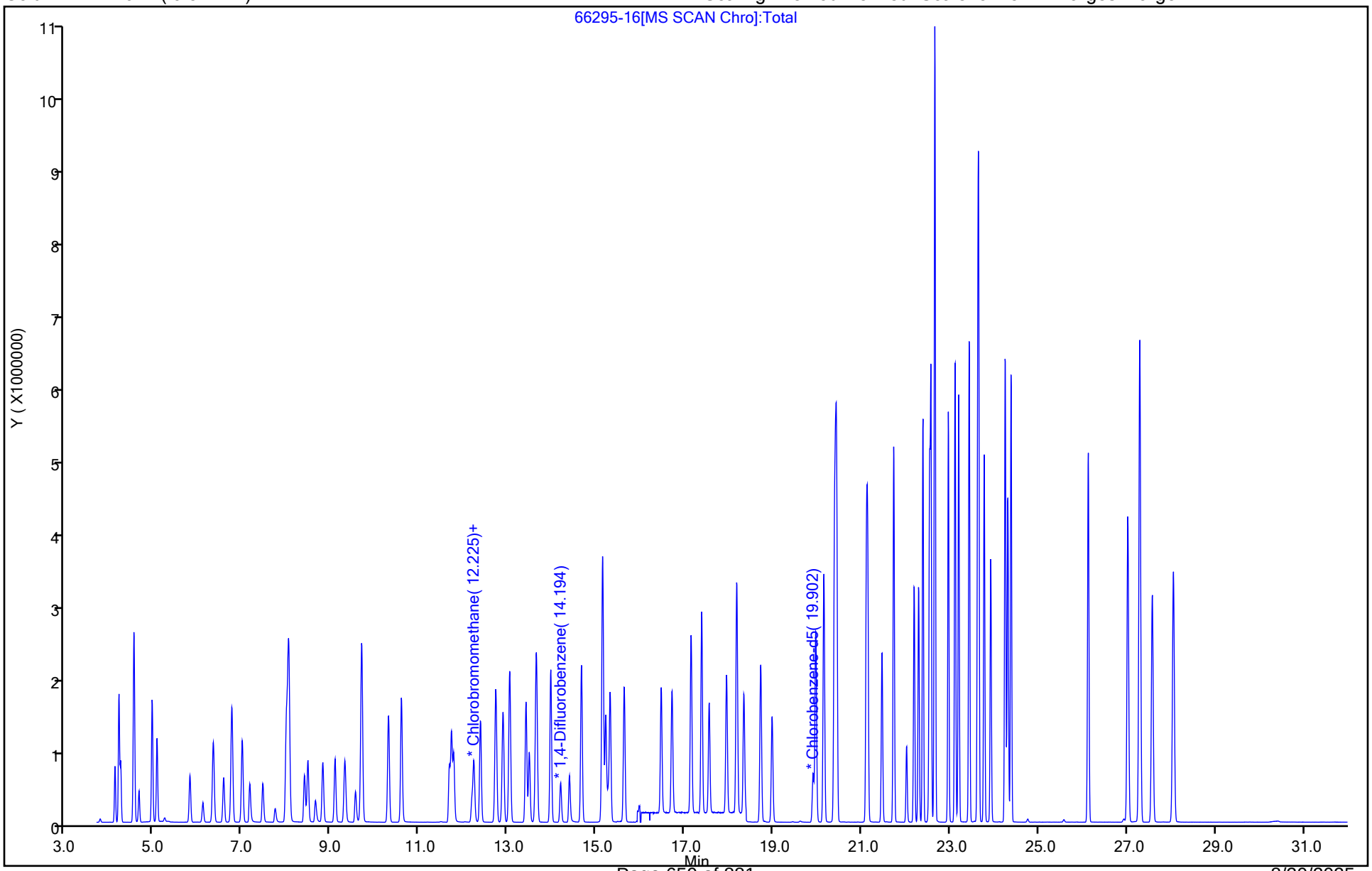
Report Date: 12-Aug-2025 11:47:13 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-16.d

Injection Date:	12-Aug-2025 02:30:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ic			Worklist Smp#:	16
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-22.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 12-Aug-2025 08:04:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066295-022
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Aug-2025 11:47:16 Calib Date: 12-Aug-2025 09:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: BKZ7 Date: 12-Aug-2025 09:18:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.109	4.109	0.000	99	5259	0.4254	0.4482	
2 Dichlorodifluoromethane	85	4.200	4.200	0.000	98	20757	0.4254	0.4209	
3 Chlorodifluoromethane	51	4.232	4.238	-0.006	96	11991	0.4254	0.4294	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.532	4.537	-0.005	89	17954	0.4254	0.4016	
5 Chloromethane	50	4.655	4.655	0.000	97	6008	0.4254	0.4367	
6 Vinyl chloride	62	4.949	4.949	0.000	70	7425	0.4254	0.3928	
7 Butane	43	4.949	4.955	-0.006	94	13531	0.4254	0.4644	
8 Butadiene	54	5.062	5.062	0.000	95	6762	0.4254	0.4173	
9 Bromomethane	94	5.805	5.805	0.000	94	6104	0.4254	0.4408	
10 Chloroethane	64	6.094	6.094	0.000	93	3815	0.4254	0.4674	
12 2-Methylbutane	43	6.319	6.335	-0.016	87	7798	0.4254	0.4406	
13 Vinyl bromide	106	6.570	6.570	0.000	90	5839	0.4254	0.3985	
14 Trichlorofluoromethane	101	6.752	6.752	0.000	99	21912	0.4254	0.4117	
15 Pentane	43	6.987	6.988	-0.001	92	10233	0.4254	0.3867	
16 Ethanol	45	7.201	7.175	0.026	95	17927	4.26	2.51	M
18 Ethyl ether	59	7.485	7.464	0.021	94	3612	0.4254	0.3334	
19 Acrolein	56	7.811	7.747	0.064	1	2144	0.4981	0.3970	
20 1,1-Dichloroethene	96	7.977	7.988	-0.011	96	6889	0.4254	0.4311	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.025	8.025	0.000	93	14302	0.4254	0.3920	
22 Acetone	43	8.116	8.057	0.059	95	10511	0.4254	0.3878	
23 Isopropyl alcohol	45	8.459	8.405	0.054	66	13771	0.4930	0.5315	
24 Carbon disulfide	76	8.469	8.475	-0.006	99	16544	0.4254	0.4030	
25 Acetonitrile	41	8.715	8.651	0.064	49	4725	0.4254	0.4217	M
26 3-Chloro-1-propene	41	8.812	8.812	0.000	93	9152	0.4254	0.4890	M
27 Methylene Chloride	49	9.085	9.090	-0.005	94	9129	0.4254	0.4647	
28 2-Methyl-2-propanol	59	9.368	9.320	0.048	98	14068	0.4254	0.3652	
29 Acrylonitrile	53	9.609	9.555	0.054	83	4996	0.4254	0.4433	M
31 Methyl tert-butyl ether	73	9.710	9.689	0.021	95	19756	0.4254	0.3866	
30 trans-1,2-Dichloroethene	61	9.700	9.694	0.006	71	9973	0.4254	0.4120	
S 35 1,2-Dichloroethene, Total	61				0		0.8508	0.8062	
32 Hexane	57	10.299	10.299	0.000	91	9779	0.4254	0.3822	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.599	10.593	0.006	94	11620	0.4254	0.3754	
34 Vinyl acetate	43	10.641	10.593	0.048	99	7333	0.4845	0.2171	
36 2-Butanone (MEK)	72	11.749	11.685	0.064	68	2424	0.4254	0.3263	M
37 cis-1,2-Dichloroethene	96	11.733	11.727	0.006	94	7077	0.4254	0.3941	M
38 Ethyl acetate	88	11.840	11.781	0.059	67	117	0.4254	0.0760	
* 39 Chlorobromomethane	128	12.182	12.187	-0.005	93	118954	10.0	10.0	
40 Tetrahydrofuran	42	12.262	12.241	0.021	83	6987	0.4254	0.3755	M
41 Chloroform	83	12.385	12.375	0.010	96	14942	0.4254	0.3953	
42 1,1,1-Trichloroethane	97	12.722	12.728	-0.006	97	18320	0.4254	0.3945	
43 Cyclohexane	84	12.877	12.888	-0.011	94	8949	0.4254	0.3979	M
44 Carbon tetrachloride	117	13.033	13.043	-0.010	98	18116	0.4254	0.3732	
45 Benzene	78	13.423	13.407	0.016	98	20000	0.4254	0.4046	
46 1,2-Dichloroethane	62	13.493	13.482	0.011	89	11940	0.4254	0.4078	
47 Isooctane	57	13.637	13.643	-0.006	98	33305	0.4254	0.3931	
48 n-Heptane	43	13.958	13.969	-0.011	88	11874	0.4254	0.3979	M
* 49 1,4-Difluorobenzene	114	14.188	14.188	0.000	95	628979	10.0	10.0	
50 n-Butanol	56	14.456	14.397	0.059	34	2147	0.4254	0.1701	
51 Trichloroethene	95	14.675	14.659	0.016	93	9676	0.4254	0.3866	
53 1,2-Dichloropropane	63	15.146	15.140	0.006	64	7098	0.4254	0.3838	
54 Methyl methacrylate	69	15.237	15.215	0.022	90	5621	0.4254	0.3176	
55 1,4-Dioxane	88	15.312	15.274	0.038	67	3615	0.4254	0.3657	
57 Dibromomethane	174	15.317	15.312	0.005	93	9519	0.4254	0.3872	
58 Dichlorobromomethane	83	15.633	15.633	0.000	98	16391	0.4254	0.3780	
59 cis-1,3-Dichloropropene	75	16.478	16.467	0.011	96	12357	0.4254	0.3758	
61 4-Methyl-2-pentanone (MIBK)	43	16.735	16.713	0.022	96	14223	0.4254	0.3536	
62 Toluene	92	17.152	17.141	0.011	92	14358	0.4254	0.3798	
A 63 Toluene Range	1	17.157	(17.077-17.238)		0	63864	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	90	16502	0.4254	0.3953	
A 65 C8 Range	1	17.393	(17.307-17.478)		0	73167	NC	NC	
66 trans-1,3-Dichloropropene	75	17.558	17.553	0.005	97	10722	0.4254	0.3795	M
67 1,1,2-Trichloroethane	83	17.949	17.944	0.005	97	7362	0.4254	0.4249	
68 Tetrachloroethene	166	18.174	18.179	-0.005	94	14094	0.4254	0.3882	
69 2-Hexanone	43	18.372	18.340	0.032	92	9736	0.4254	0.2644	
70 Chlorodibromomethane	129	18.714	18.719	-0.005	98	17461	0.4254	0.3922	
71 Ethylene Dibromide	107	18.982	18.976	0.006	95	13974	0.4254	0.3966	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	88	547182	10.0	10.0	
74 Chlorobenzene	112	19.961	19.961	-0.001	95	21530	0.4254	0.4024	
S 80 Xylenes, Total	106				0		1.28	1.14	
75 Ethylbenzene	91	20.153	20.148	0.005	99	34940	0.4254	0.3906	
76 m-Xylene & p-Xylene	106	20.405	20.405	0.000	0	25665	0.8508	0.7634	
77 n-Nonane	57	20.437	20.437	0.000	87	15182	0.4254	0.3838	
78 o-Xylene	106	21.116	21.111	0.005	96	12294	0.4254	0.3811	
79 Styrene	104	21.148	21.137	0.011	98	21215	0.4254	0.3929	
81 Bromoform	173	21.464	21.464	0.000	92	16559	0.4254	0.3974	
82 Isopropylbenzene	105	21.726	21.726	0.000	99	41986	0.4254	0.3941	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	97	18926	0.4254	0.4140	
84 1,2,3-Trichloropropane	75	22.293	22.288	0.005	93	15849	0.4254	0.4162	
85 N-Propylbenzene	91	22.389	22.384	0.005	98	48908	0.4254	0.3962	
86 2-Chlorotoluene	91	22.539	22.539	0.000	97	36744	0.4254	0.4127	
87 4-Ethyltoluene	105	22.571	22.566	0.005	98	41835	0.4254	0.4013	
88 1,3,5-Trimethylbenzene	105	22.651	22.651	0.000	91	36401	0.4254	0.3930	
89 n-Decane	57	22.662	22.662	0.000	92	19403	0.4254	0.3678	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.967	22.962	0.005	88	18154	0.4254	0.4003	
91 tert-Butylbenzene	119	23.117	23.112	0.005	93	35968	0.4254	0.4016	
92 1,2,4-Trimethylbenzene	105	23.192	23.197	-0.005	98	38171	0.4254	0.4158	
93 sec-Butylbenzene	105	23.432	23.432	0.000	98	52492	0.4254	0.3995	
94 1,3-Dichlorobenzene	146	23.630	23.625	0.005	98	26534	0.4254	0.4289	
95 4-Isopropyltoluene	119	23.652	23.646	0.006	97	47005	0.4254	0.3968	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	94	25628	0.4254	0.4168	
97 Benzyl chloride	91	23.925	23.919	0.006	98	33432	0.4254	0.4239	
98 n-Butylbenzene	91	24.251	24.246	0.005	98	41299	0.4254	0.3924	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	94	26230	0.4254	0.4430	
100 Undecane	57	24.385	24.379	0.006	94	22743	0.4254	0.3770	
101 Dodecane	57	26.129	26.129	0.000	94	37127	0.4254	0.6357	
102 1,2,4-Trichlorobenzene	180	27.027	27.022	0.005	93	32160	0.4990	0.6611	
103 Hexachlorobutadiene	225	27.290	27.295	-0.005	96	32747	0.4781	0.5923	
104 Naphthalene	128	27.578	27.573	0.005	99	82976	0.5058	0.7632	
105 1,2,3-Trichlorobenzene	180	28.049	28.049	0.000	94	39046	0.4956	0.7926	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL2w_00359	Amount Added: 170.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

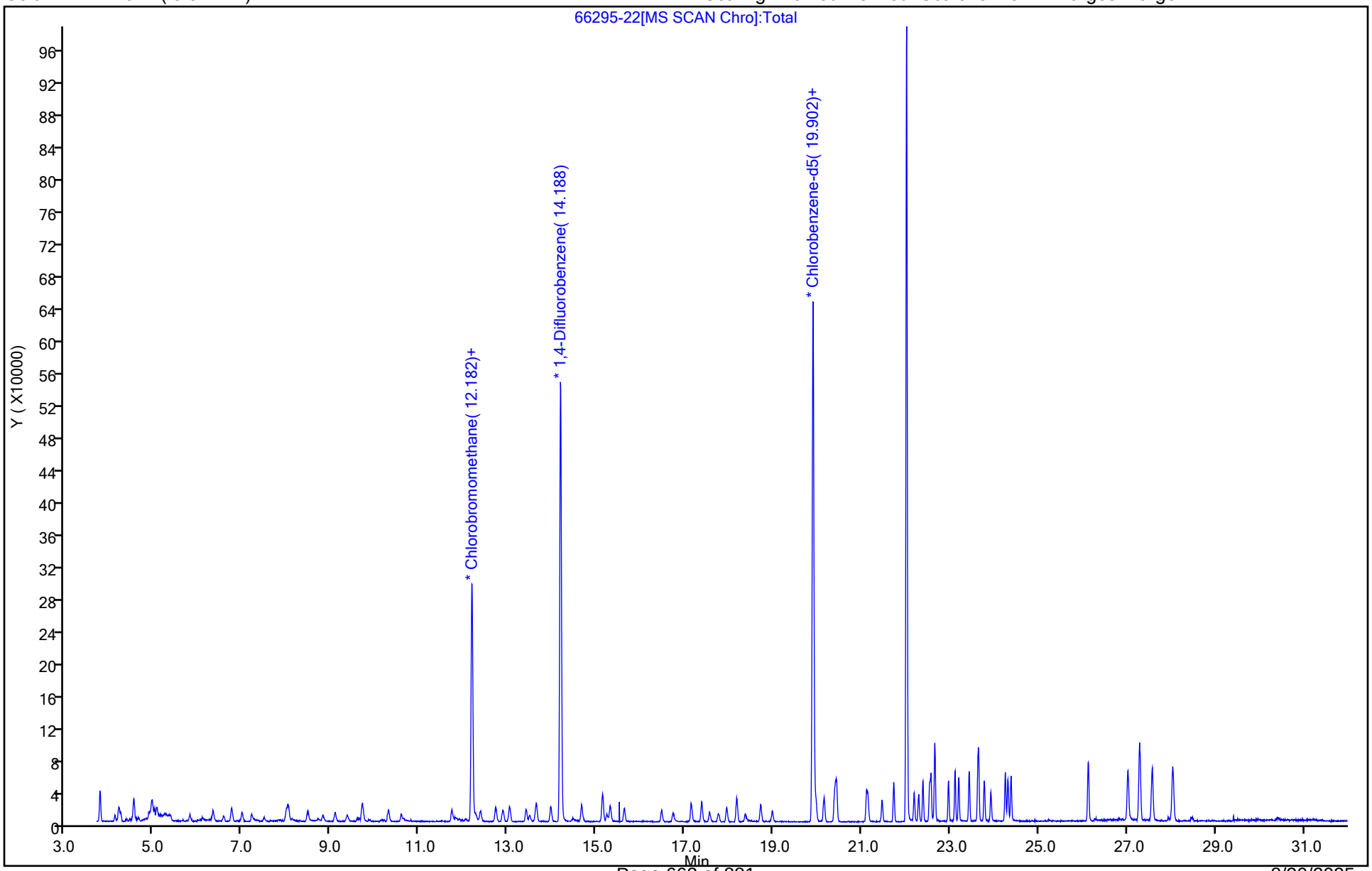
Report Date: 12-Aug-2025 11:47:18 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-22.d

Injection Date:	12-Aug-2025 08:04:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	IC			Worklist Smp#:	22
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

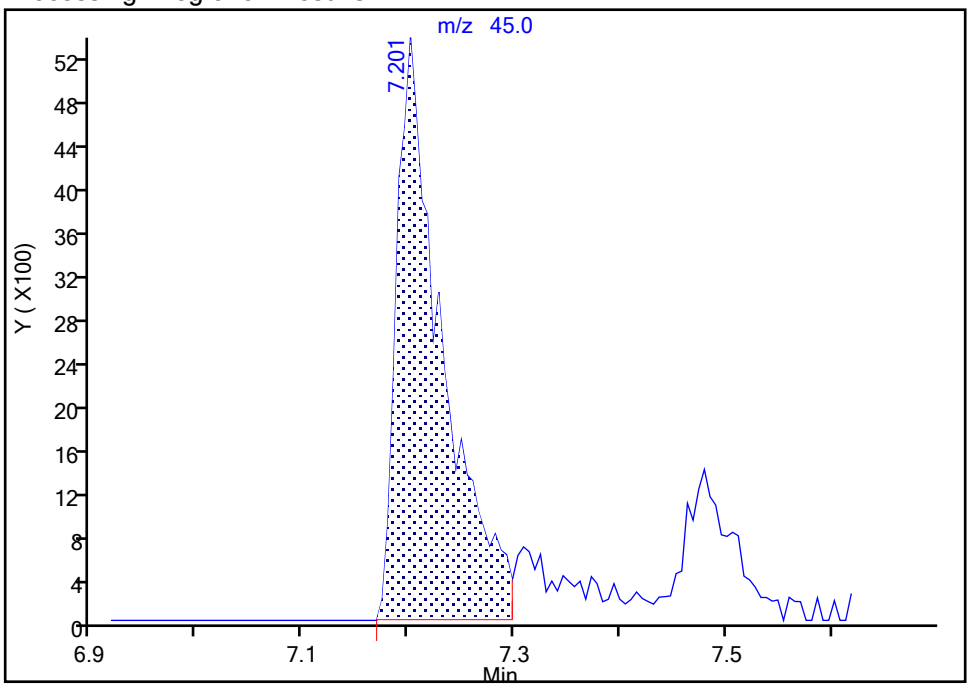
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-22.d
Injection Date: 12-Aug-2025 08:04:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: vtp ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

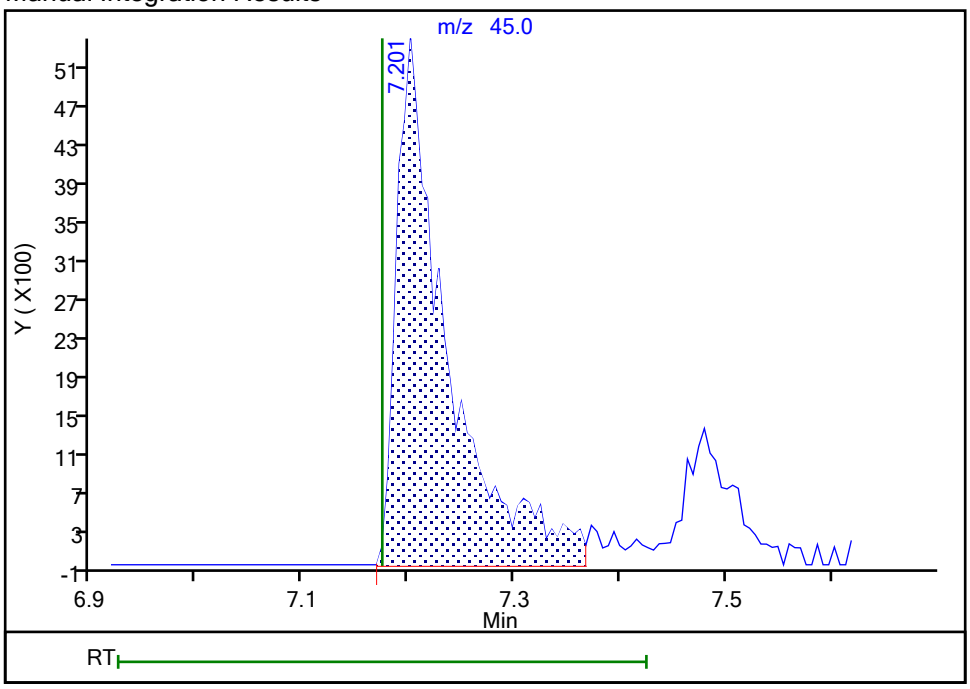
Processing Integration Results

RT: 7.20
Area: 16100
Amount: 2.276343
Amount Units: ppb v/v



Manual Integration Results

RT: 7.20
Area: 17927
Amount: 2.509294
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 10:58:15 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

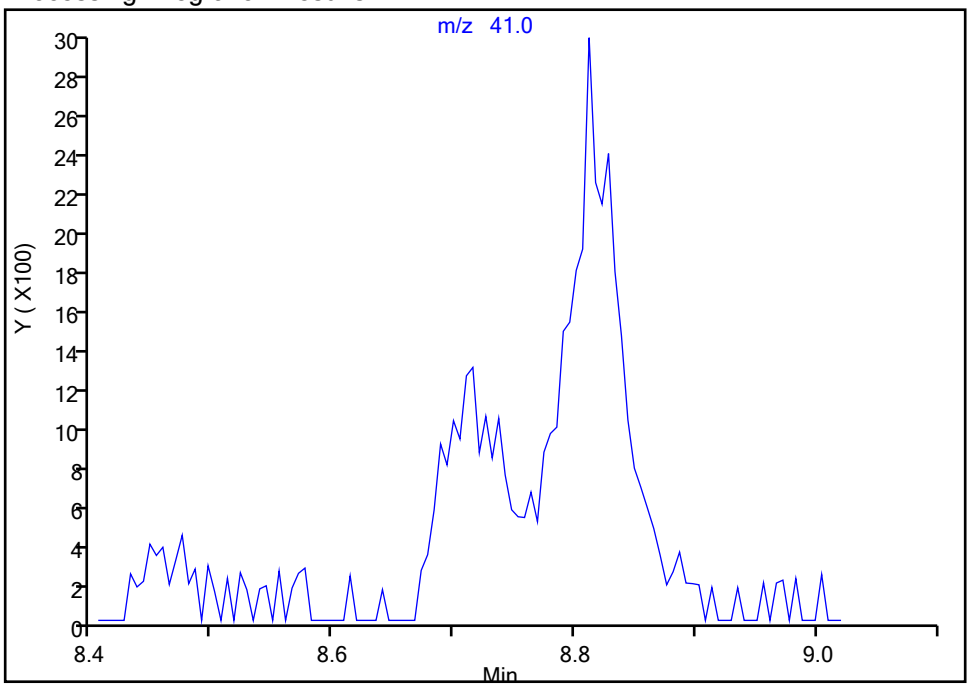
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-22.d				
Injection Date:	12-Aug-2025 08:04:30	Instrument ID:	CHW.i		
Lims ID:	IC				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

25 Acetonitrile, CAS: 75-05-8

Signal: 1

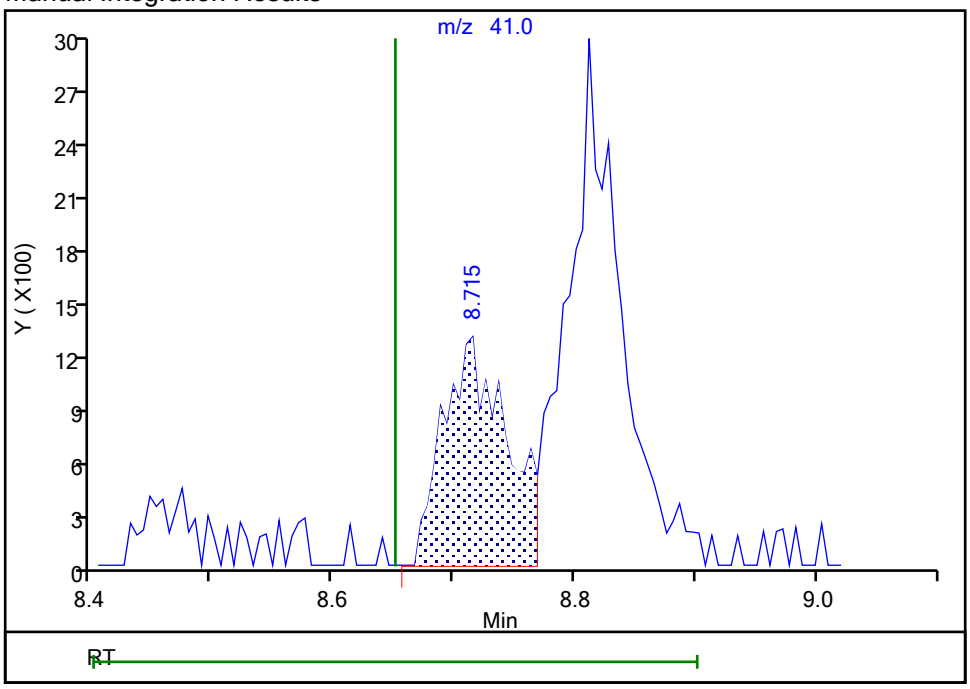
Not Detected
Expected RT: 8.65

Processing Integration Results



Manual Integration Results

RT: 8.72
Area: 4725
Amount: 0.421683
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 09:18:05 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

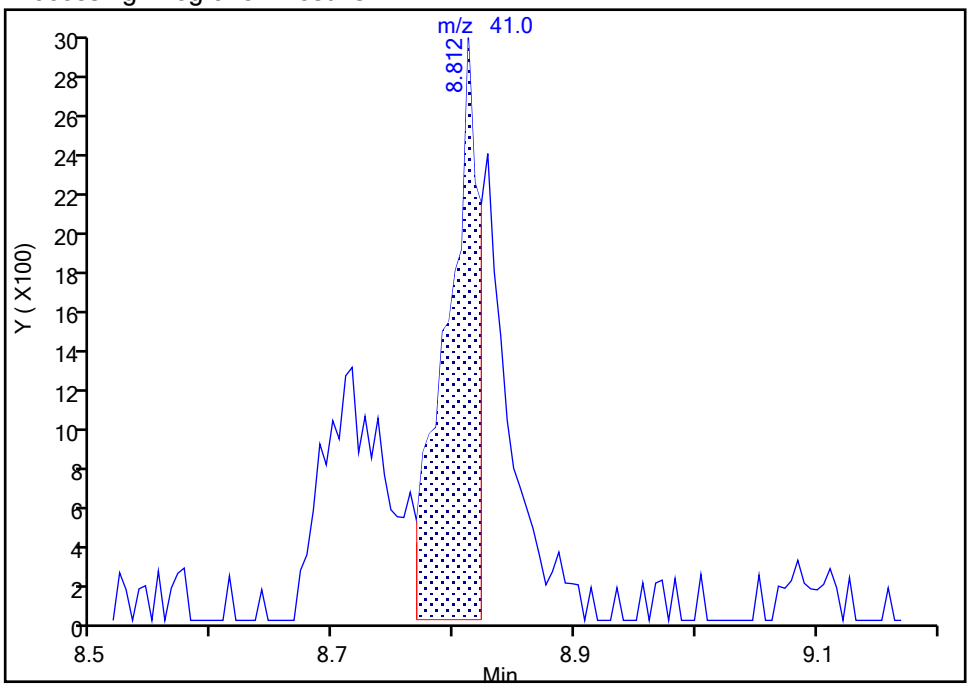
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-22.d				
Injection Date:	12-Aug-2025 08:04:30	Instrument ID:	CHW.i		
Lims ID:	IC				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

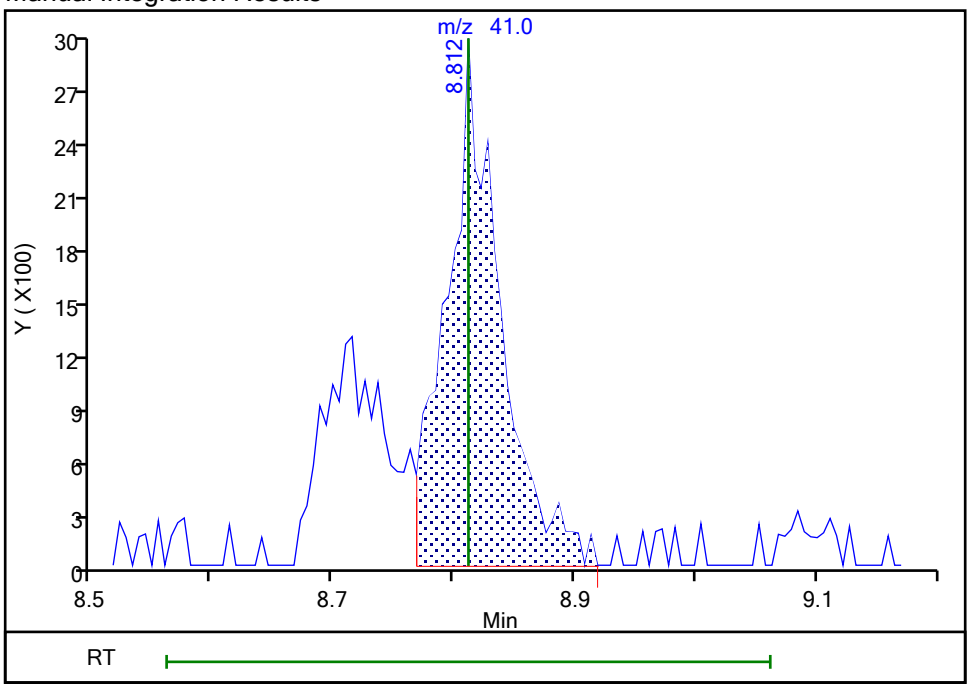
Processing Integration Results

RT: 8.81
Area: 5601
Amount: 0.337861
Amount Units: ppb v/v



Manual Integration Results

RT: 8.81
Area: 9152
Amount: 0.488996
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 09:16:48 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

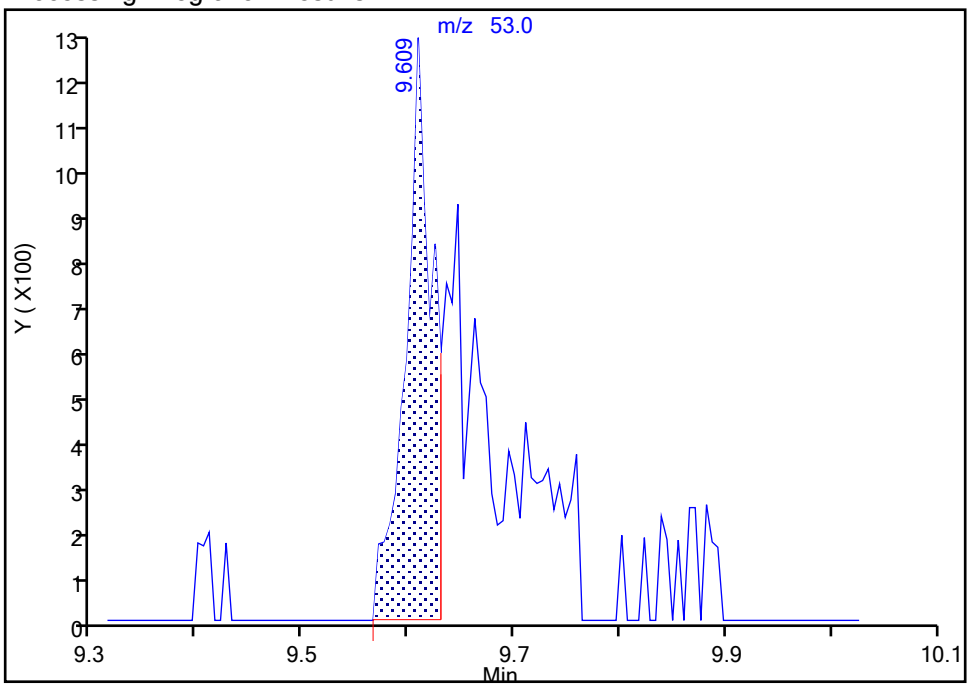
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-22.d				
Injection Date:	12-Aug-2025 08:04:30	Instrument ID:	CHW.i		
Lims ID:	IC				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

29 Acrylonitrile, CAS: 107-13-1

Signal: 1

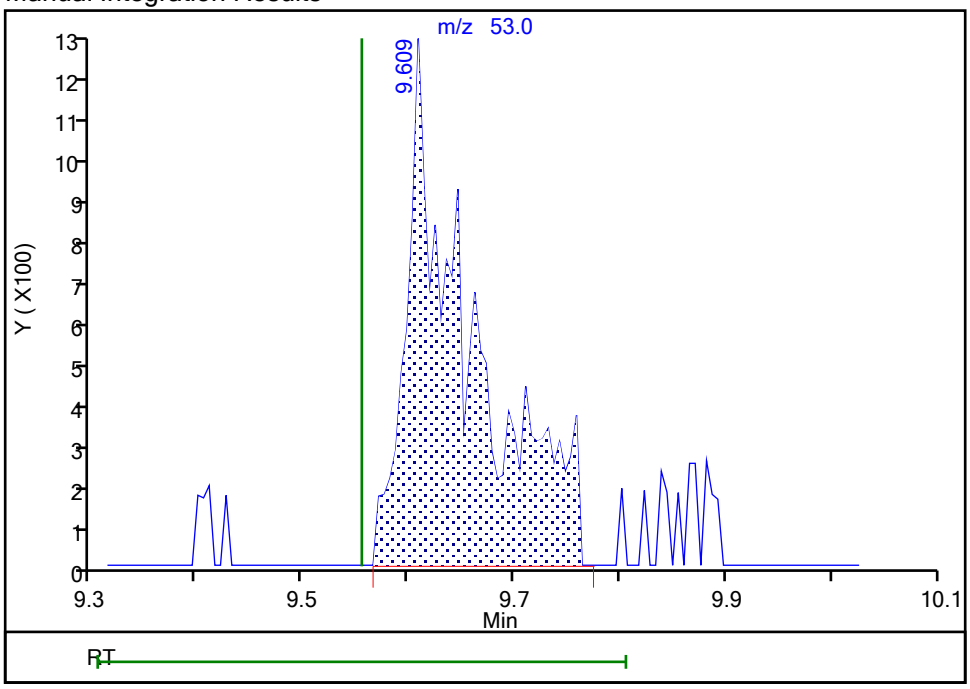
Processing Integration Results

RT: 9.61
Area: 2115
Amount: 0.223958
Amount Units: ppb v/v



Manual Integration Results

RT: 9.61
Area: 4996
Amount: 0.443268
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 09:16:27 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

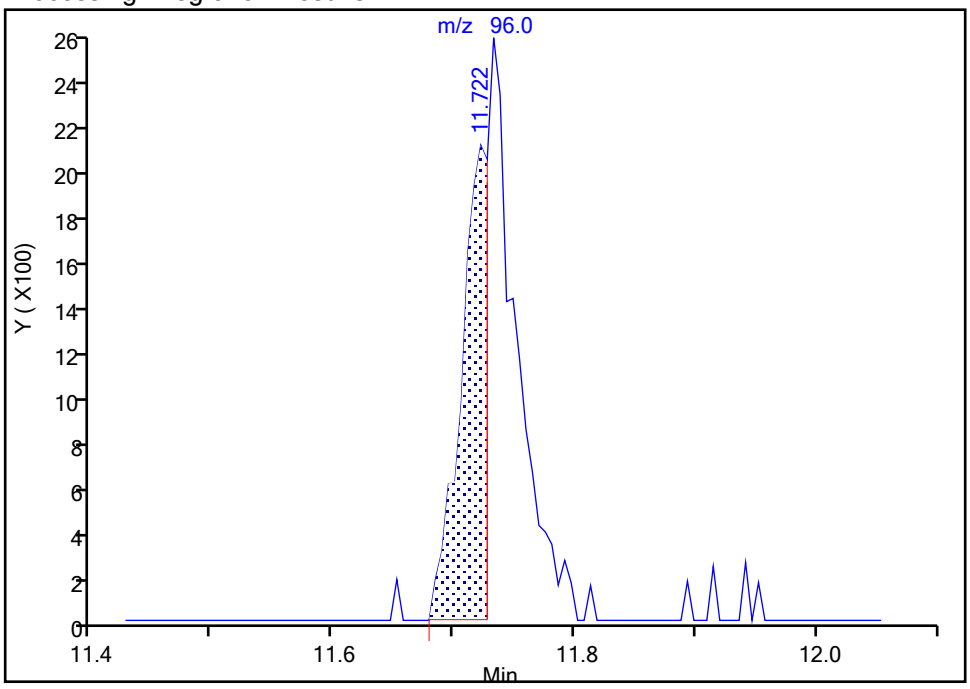
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-22.d
Injection Date: 12-Aug-2025 08:04:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: vtp ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

37 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

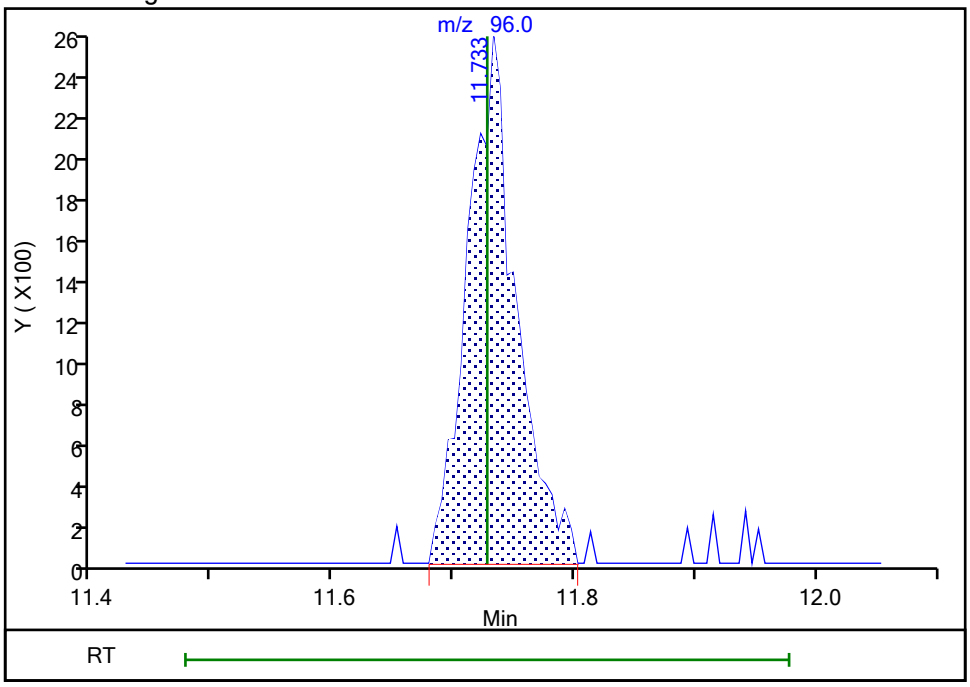
Processing Integration Results

RT: 11.72
Area: 3261
Amount: 0.234191
Amount Units: ppb v/v



Manual Integration Results

RT: 11.73
Area: 7077
Amount: 0.394115
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 09:16:03 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

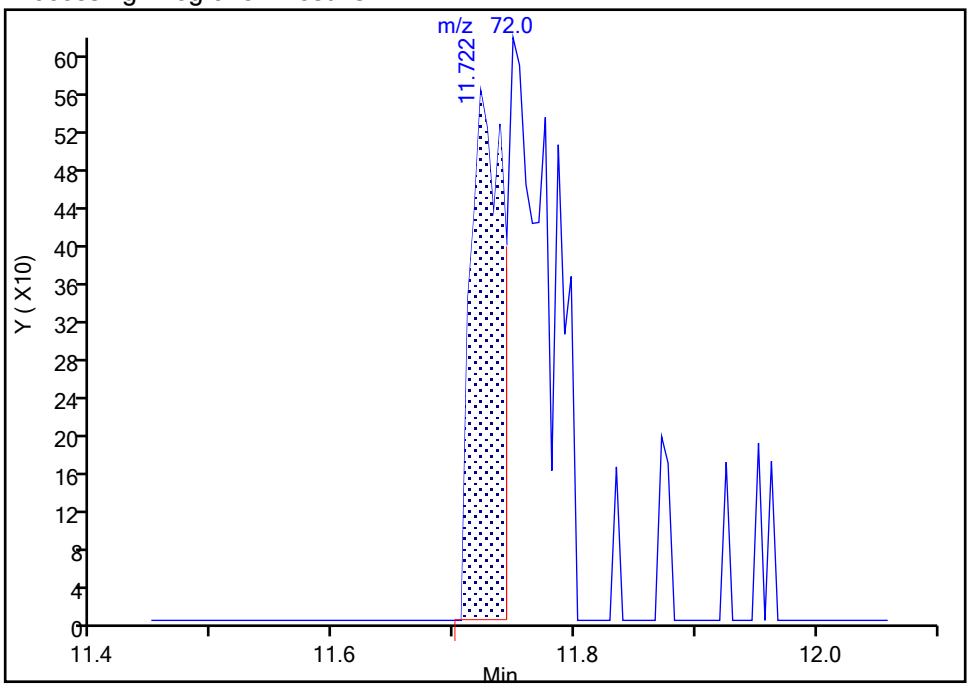
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-22.d
Injection Date: 12-Aug-2025 08:04:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: vtp ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

36 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

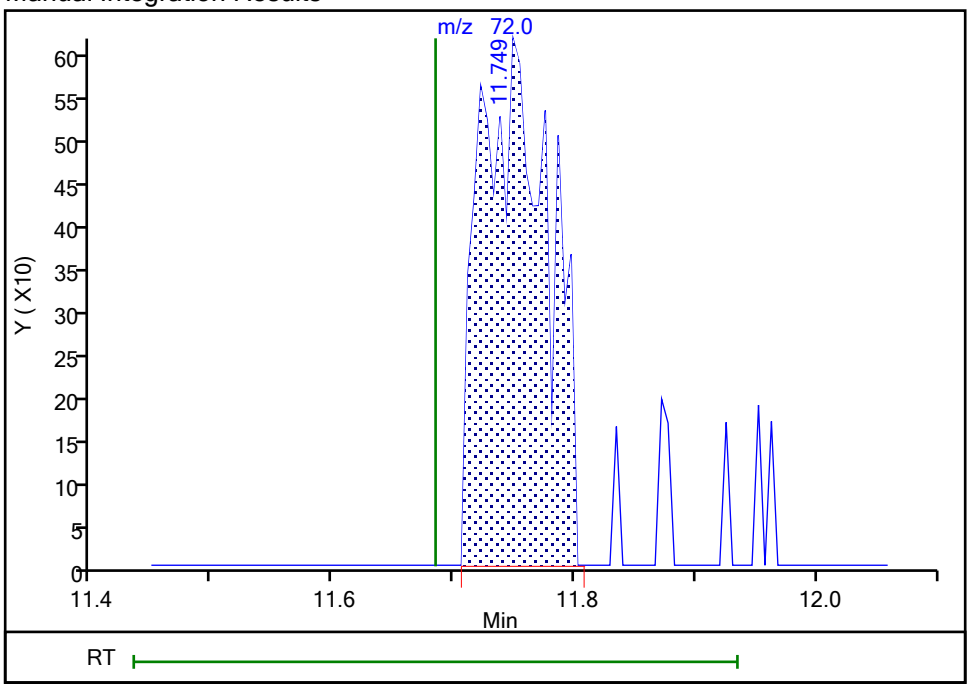
Processing Integration Results

RT: 11.72
Area: 1026
Amount: 0.159647
Amount Units: ppb v/v



Manual Integration Results

RT: 11.75
Area: 2424
Amount: 0.326255
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 09:16:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

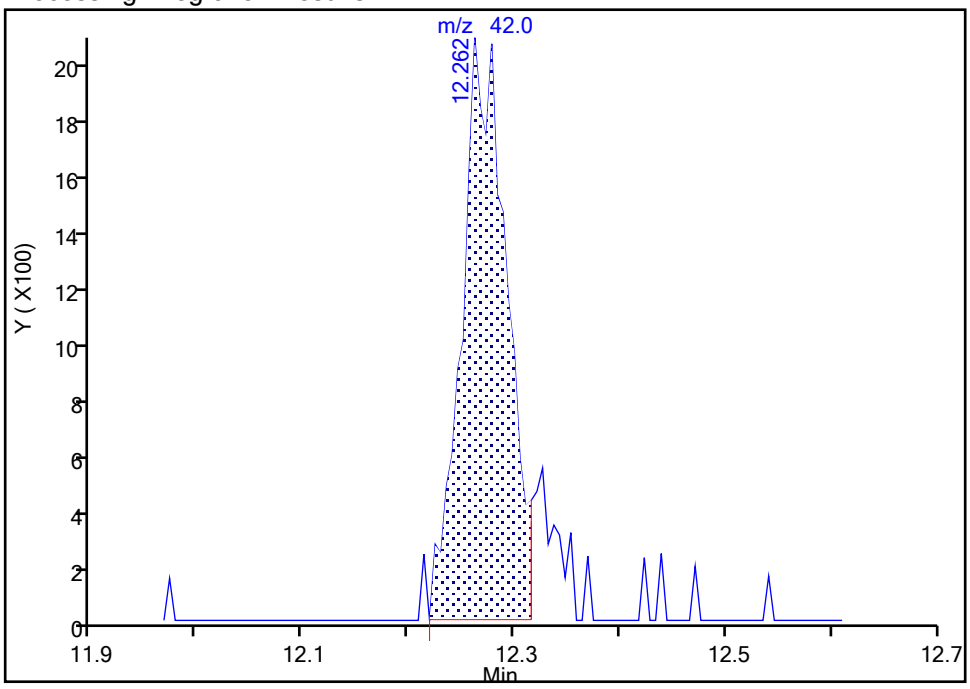
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-22.d
Injection Date: 12-Aug-2025 08:04:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: vtp ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

40 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

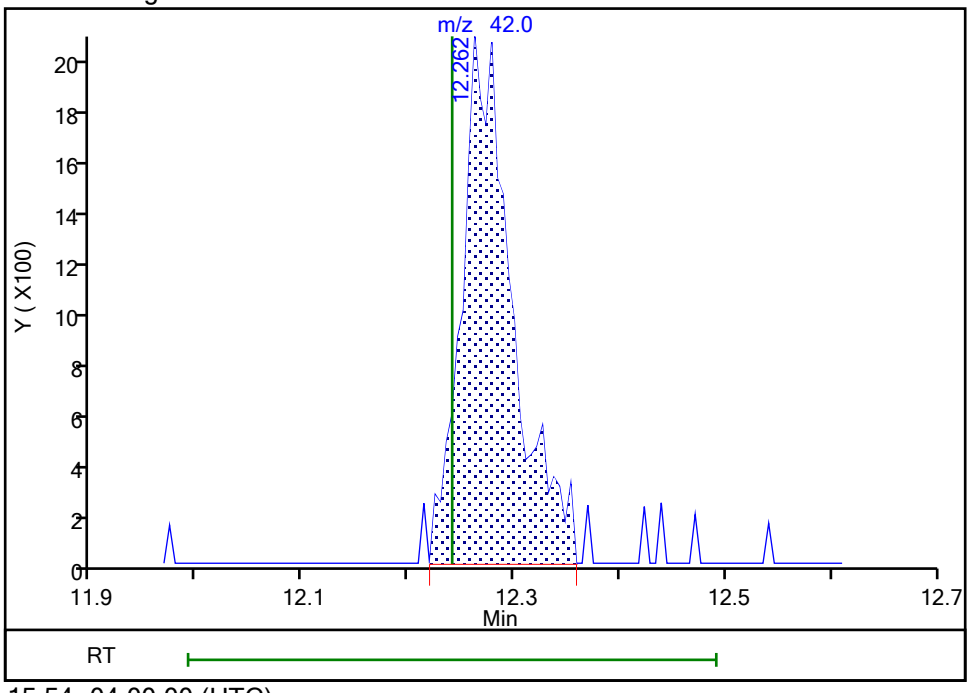
Processing Integration Results

RT: 12.26
Area: 6216
Amount: 0.367338
Amount Units: ppb v/v



Manual Integration Results

RT: 12.26
Area: 6987
Amount: 0.375504
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 09:15:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

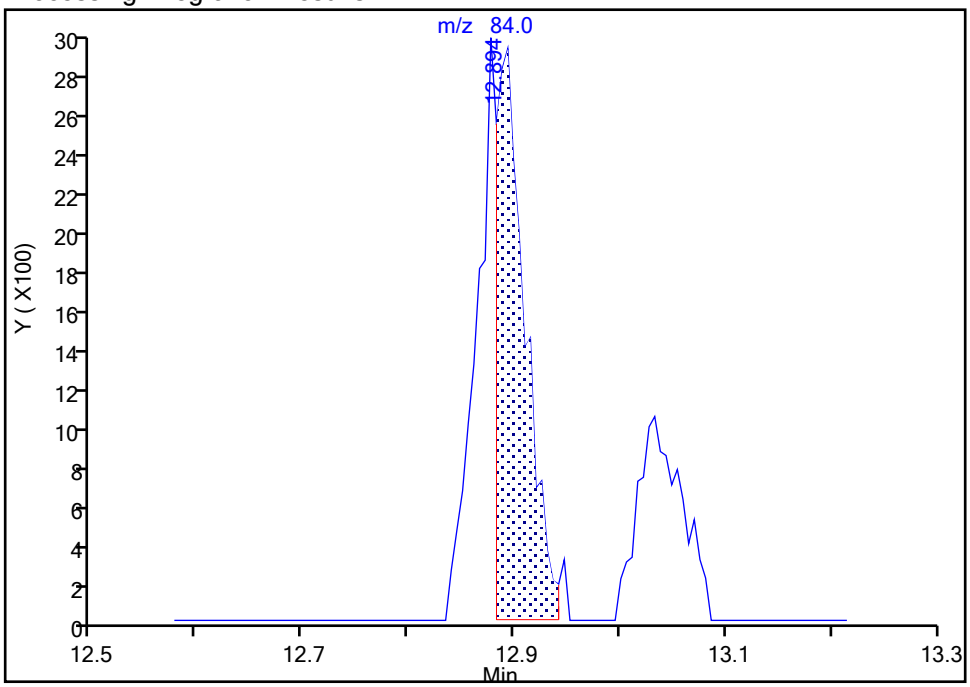
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-22.d
Injection Date: 12-Aug-2025 08:04:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: vtp ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

43 Cyclohexane, CAS: 110-82-7

Signal: 1

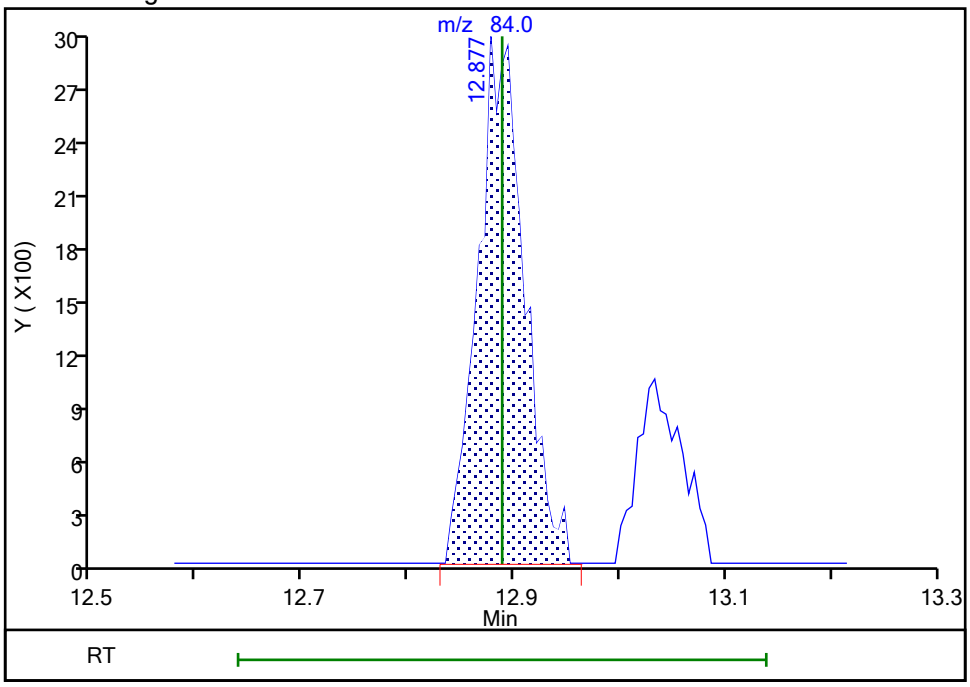
Processing Integration Results

RT: 12.89
Area: 5578
Amount: 0.304365
Amount Units: ppb v/v



Manual Integration Results

RT: 12.88
Area: 8949
Amount: 0.397947
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 09:15:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

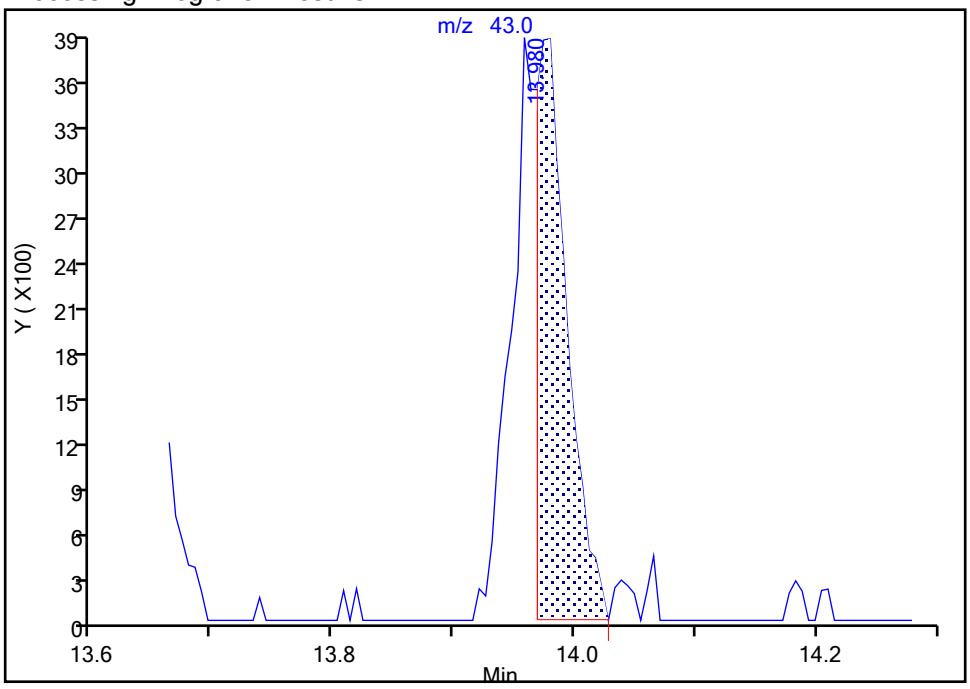
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-22.d
Injection Date: 12-Aug-2025 08:04:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: vtp ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

48 n-Heptane, CAS: 142-82-5

Signal: 1

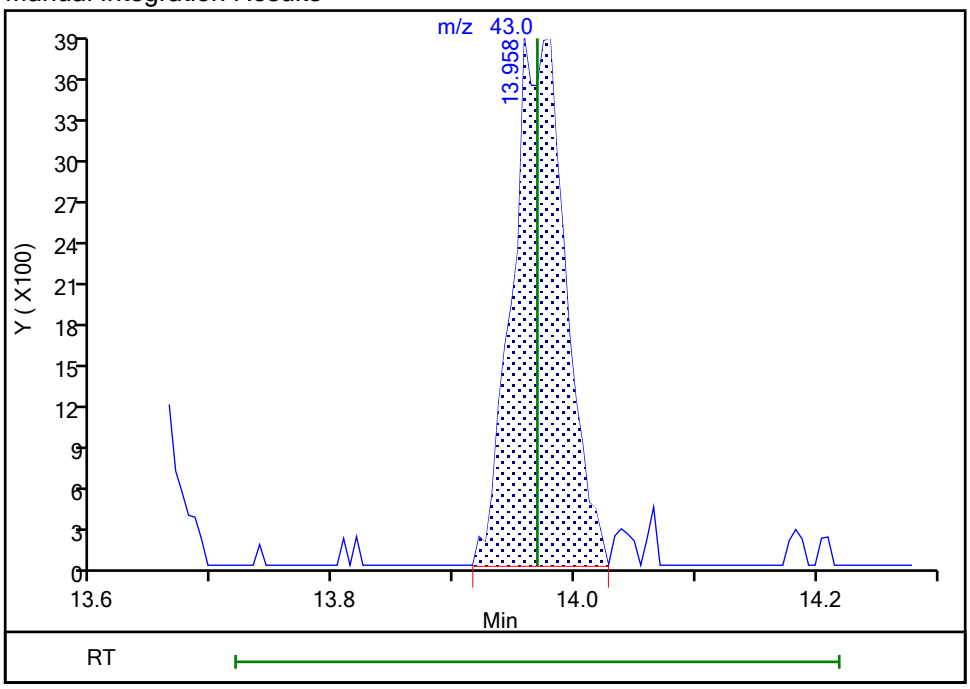
Processing Integration Results

RT: 13.98
Area: 6945
Amount: 0.258103
Amount Units: ppb v/v



Manual Integration Results

RT: 13.96
Area: 11874
Amount: 0.397866
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 09:15:33 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

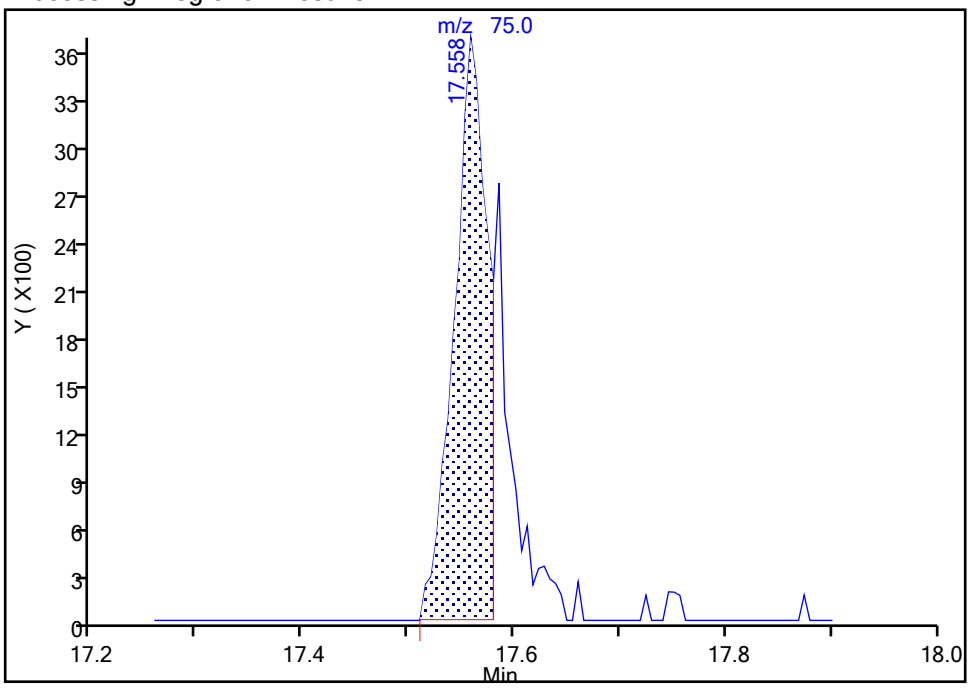
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-22.d
Injection Date: 12-Aug-2025 08:04:30 Instrument ID: CHW.i
Lims ID: IC
Client ID:
Operator ID: vtp ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

66 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

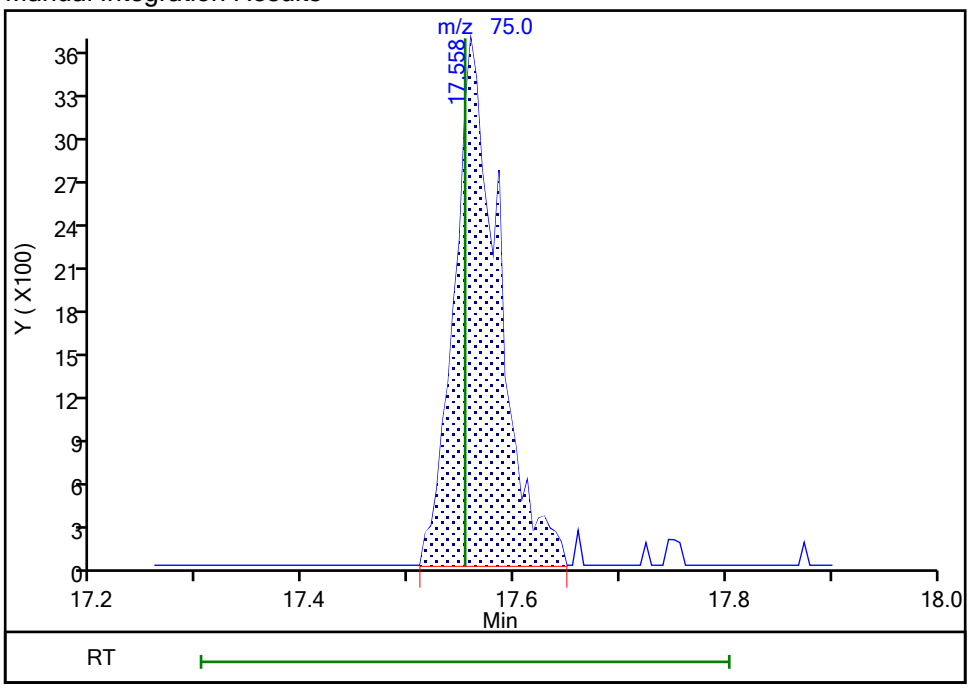
Processing Integration Results

RT: 17.56
Area: 7992
Amount: 0.308057
Amount Units: ppb v/v



Manual Integration Results

RT: 17.56
Area: 10722
Amount: 0.379534
Amount Units: ppb v/v



Reviewer: BKZ7, 12-Aug-2025 09:15:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 12-Aug-2025 09:55:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066295-023
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Aug-2025 11:47:20 Calib Date: 12-Aug-2025 09:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: BKZ7 Date: 12-Aug-2025 10:49:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.109	4.109	0.000	95	51805	4.25	4.24	
2 Dichlorodifluoromethane	85	4.195	4.200	-0.005	99	228695	4.25	4.45	
3 Chlorodifluoromethane	51	4.238	4.238	0.000	96	124146	4.25	4.27	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.537	4.537	0.000	91	197589	4.25	4.24	
5 Chloromethane	50	4.655	4.655	0.000	98	61511	4.25	4.29	
6 Vinyl chloride	62	4.944	4.949	-0.005	70	79777	4.25	4.05	
7 Butane	43	4.949	4.955	-0.006	96	126020	4.25	4.15	
8 Butadiene	54	5.056	5.062	-0.006	95	62518	4.25	3.70	
9 Bromomethane	94	5.805	5.805	0.000	98	60908	4.25	4.22	
10 Chloroethane	64	6.100	6.094	0.006	99	36017	4.25	4.23	
12 2-Methylbutane	43	6.330	6.335	-0.005	89	76128	4.25	4.13	
13 Vinyl bromide	106	6.570	6.570	0.000	98	62846	4.25	4.12	
14 Trichlorofluoromethane	101	6.752	6.752	0.000	98	234327	4.25	4.22	
15 Pentane	43	6.988	6.988	0.000	96	119056	4.25	4.32	
16 Ethanol	45	7.180	7.175	0.005	97	44402	6.38	5.96	
18 Ethyl ether	59	7.464	7.464	0.000	96	49283	4.25	4.37	
19 Acrolein	56	7.742	7.747	-0.005	96	25068	4.98	4.45	
20 1,1-Dichloroethene	96	7.988	7.988	0.000	94	68413	4.25	4.11	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.031	8.025	0.006	97	160268	4.25	4.21	
22 Acetone	43	8.068	8.057	0.011	100	114089	4.25	4.04	
23 Isopropyl alcohol	45	8.416	8.405	0.011	100	126384	4.92	4.68	
24 Carbon disulfide	76	8.475	8.475	0.000	100	178606	4.25	4.17	
25 Acetonitrile	41	8.667	8.651	0.016	99	47378	4.25	4.06	
26 3-Chloro-1-propene	41	8.817	8.812	0.005	96	81837	4.25	4.20	
27 Methylene Chloride	49	9.085	9.090	-0.005	96	84028	4.25	4.10	
28 2-Methyl-2-propanol	59	9.331	9.320	0.011	99	163688	4.25	4.08	
29 Acrylonitrile	53	9.566	9.555	0.011	93	45772	4.25	3.90	
31 Methyl tert-butyl ether	73	9.700	9.689	0.011	96	223173	4.25	4.19	
30 trans-1,2-Dichloroethene	61	9.689	9.694	-0.005	89	106041	4.25	4.20	
S 35 1,2-Dichloroethene, Total	61				0		8.50	8.26	
32 Hexane	57	10.304	10.299	0.005	91	112279	4.25	4.21	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.588	10.593	-0.005	100	133918	4.25	4.15	
34 Vinyl acetate	43	10.604	10.593	0.011	100	151662	4.84	4.31	
36 2-Butanone (MEK)	72	11.685	11.685	0.000	100	32684	4.25	4.22	
37 cis-1,2-Dichloroethene	96	11.722	11.727	-0.005	97	75869	4.25	4.05	
38 Ethyl acetate	88	11.792	11.781	0.011	98	6298	4.25	3.93	
* 39 Chlorobromomethane	128	12.187	12.187	0.000	91	123984	10.0	10.0	
40 Tetrahydrofuran	42	12.246	12.241	0.005	92	76824	4.25	3.97	
41 Chloroform	83	12.375	12.375	0.000	97	166032	4.25	4.21	
42 1,1,1-Trichloroethane	97	12.722	12.728	-0.006	97	197722	4.25	4.10	
43 Cyclohexane	84	12.888	12.888	0.000	97	94943	4.25	4.06	
44 Carbon tetrachloride	117	13.038	13.043	-0.005	98	209694	4.25	4.16	
45 Benzene	78	13.413	13.407	0.006	98	207715	4.25	4.04	
46 1,2-Dichloroethane	62	13.482	13.482	0.000	90	126186	4.25	4.15	
47 Isooctane	57	13.637	13.643	-0.006	97	359877	4.25	4.09	
48 n-Heptane	43	13.969	13.969	0.000	89	124008	4.25	4.00	
* 49 1,4-Difluorobenzene	114	14.194	14.188	0.006	95	653496	10.0	10.0	
50 n-Butanol	56	14.408	14.397	0.011	90	47161	4.25	3.60	
51 Trichloroethene	95	14.659	14.659	0.000	96	102366	4.25	3.94	
53 1,2-Dichloropropane	63	15.141	15.140	0.000	73	75766	4.25	3.94	
54 Methyl methacrylate	69	15.210	15.215	-0.005	91	73290	4.25	3.99	
55 1,4-Dioxane	88	15.280	15.274	0.006	91	45095	4.25	4.39	
57 Dibromomethane	174	15.317	15.312	0.005	93	102312	4.25	4.01	
58 Dichlorobromomethane	83	15.633	15.633	0.000	99	183719	4.25	4.08	
59 cis-1,3-Dichloropropene	75	16.467	16.467	0.000	97	138041	4.25	4.04	
61 4-Methyl-2-pentanone (MIBK)	43	16.713	16.713	0.000	98	165415	4.25	3.96	
62 Toluene	92	17.141	17.141	0.000	93	158764	4.25	4.02	
A 63 Toluene Range	1	17.157	(17.077-17.238)		0	675464	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	90	175655	4.25	4.05	
A 65 C8 Range	1	17.393	(17.307-17.478)		0	722323	NC	NC	
66 trans-1,3-Dichloropropene	75	17.553	17.553	0.000	98	118540	4.25	4.04	
67 1,1,2-Trichloroethane	83	17.944	17.944	0.000	97	72333	4.25	3.99	
68 Tetrachloroethene	166	18.174	18.179	-0.005	96	149382	4.25	3.94	
69 2-Hexanone	43	18.345	18.340	0.005	94	155663	4.25	4.04	
70 Chlorodibromomethane	129	18.719	18.719	0.000	98	186377	4.25	4.00	
71 Ethylene Dibromide	107	18.976	18.976	0.000	99	144498	4.25	3.92	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	88	572040	10.0	10.0	
74 Chlorobenzene	112	19.961	19.961	0.000	93	219228	4.25	3.92	
S 80 Xylenes, Total	106				0		12.7	12.1	
75 Ethylbenzene	91	20.148	20.148	0.000	99	375266	4.25	4.01	
76 m-Xylene & p-Xylene	106	20.405	20.405	0.000	0	281720	8.50	8.02	
77 n-Nonane	57	20.437	20.437	0.000	89	166705	4.25	4.03	
78 o-Xylene	106	21.111	21.111	0.000	97	138083	4.25	4.09	
79 Styrene	104	21.138	21.137	0.001	99	226067	4.25	4.01	
81 Bromoform	173	21.464	21.464	0.000	96	178314	4.25	4.09	
82 Isopropylbenzene	105	21.726	21.726	0.000	99	443891	4.25	3.99	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	98	187902	4.25	3.93	
84 1,2,3-Trichloropropane	75	22.288	22.288	0.000	94	155886	4.25	3.92	
85 N-Propylbenzene	91	22.384	22.384	0.000	99	514926	4.25	3.99	
86 2-Chlorotoluene	91	22.534	22.539	-0.005	97	364336	4.25	3.91	
87 4-Ethyltoluene	105	22.566	22.566	0.000	98	435203	4.25	3.99	
88 1,3,5-Trimethylbenzene	105	22.651	22.651	0.000	92	376815	4.25	3.89	
89 n-Decane	57	22.662	22.662	0.000	93	212337	4.25	3.85	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 Alpha Methyl Styrene	118	22.962	22.962	0.000	86	187730	4.25	3.96	
91 tert-Butylbenzene	119	23.112	23.112	0.000	94	364512	4.25	3.89	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	98	372942	4.25	3.89	
93 sec-Butylbenzene	105	23.433	23.432	0.001	98	542309	4.25	3.95	
94 1,3-Dichlorobenzene	146	23.625	23.625	0.000	98	252101	4.25	3.90	
95 4-Isopropyltoluene	119	23.647	23.646	0.001	97	483462	4.25	3.90	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	93	246006	4.25	3.83	
97 Benzyl chloride	91	23.925	23.919	0.006	98	326866	4.25	3.96	
98 n-Butylbenzene	91	24.246	24.246	0.000	98	430165	4.25	3.91	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	95	237640	4.25	3.84	
100 Undecane	57	24.385	24.379	0.006	94	233924	4.25	3.71	
101 Dodecane	57	26.123	26.129	-0.006	94	230863	4.25	3.78	
102 1,2,4-Trichlorobenzene	180	27.022	27.022	0.000	94	203599	4.98	4.00	
103 Hexachlorobutadiene	225	27.284	27.295	-0.011	97	229249	4.78	3.97	
104 Naphthalene	128	27.579	27.573	0.006	99	435046	5.05	3.83	
105 1,2,3-Trichlorobenzene	180	28.055	28.049	0.006	94	202753	4.95	3.94	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00835	Amount Added: 85.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

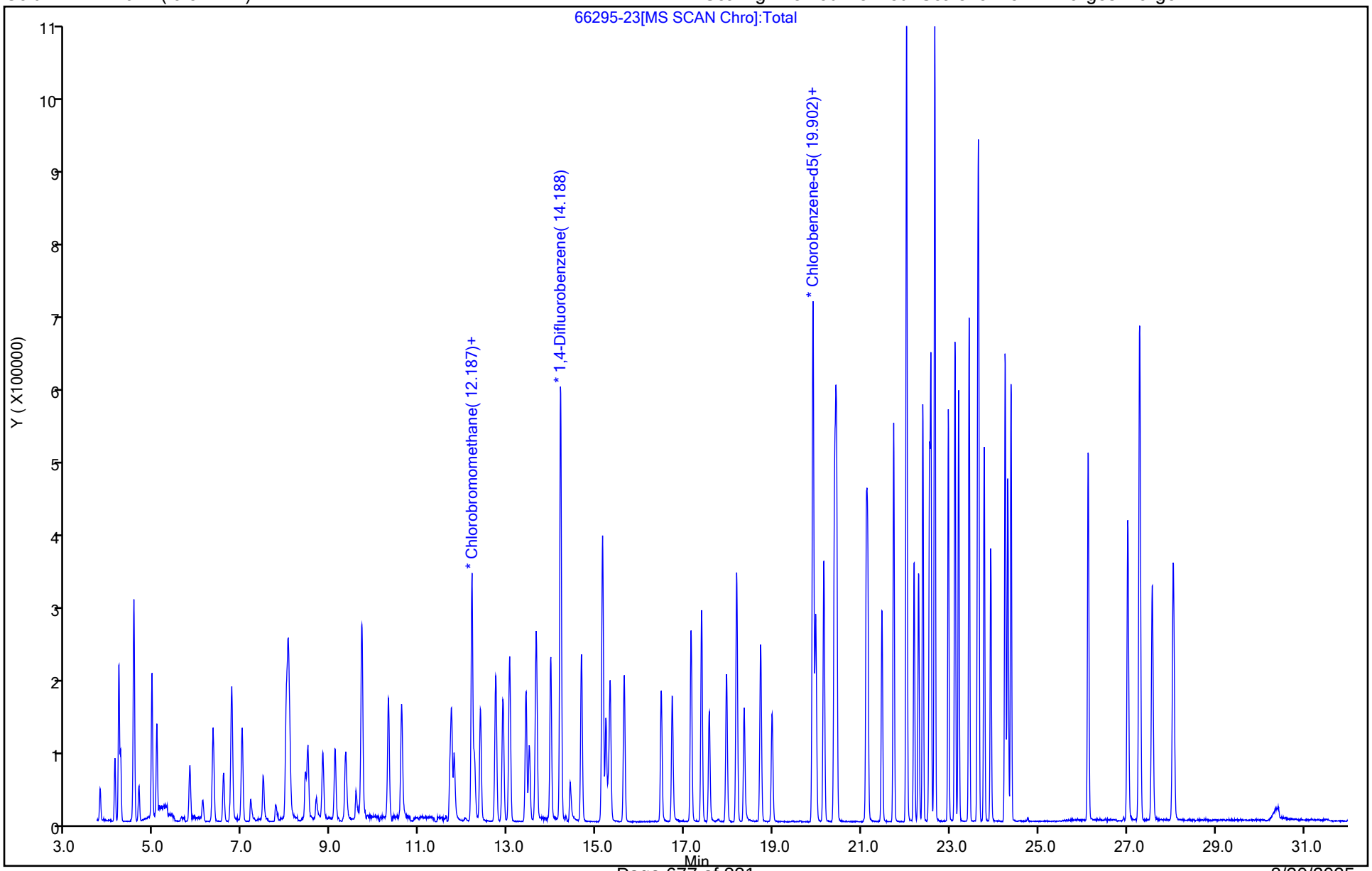
Report Date: 12-Aug-2025 11:47:21 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Injection Date:	12-Aug-2025 09:55:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	IC			Worklist Smp#:	23
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

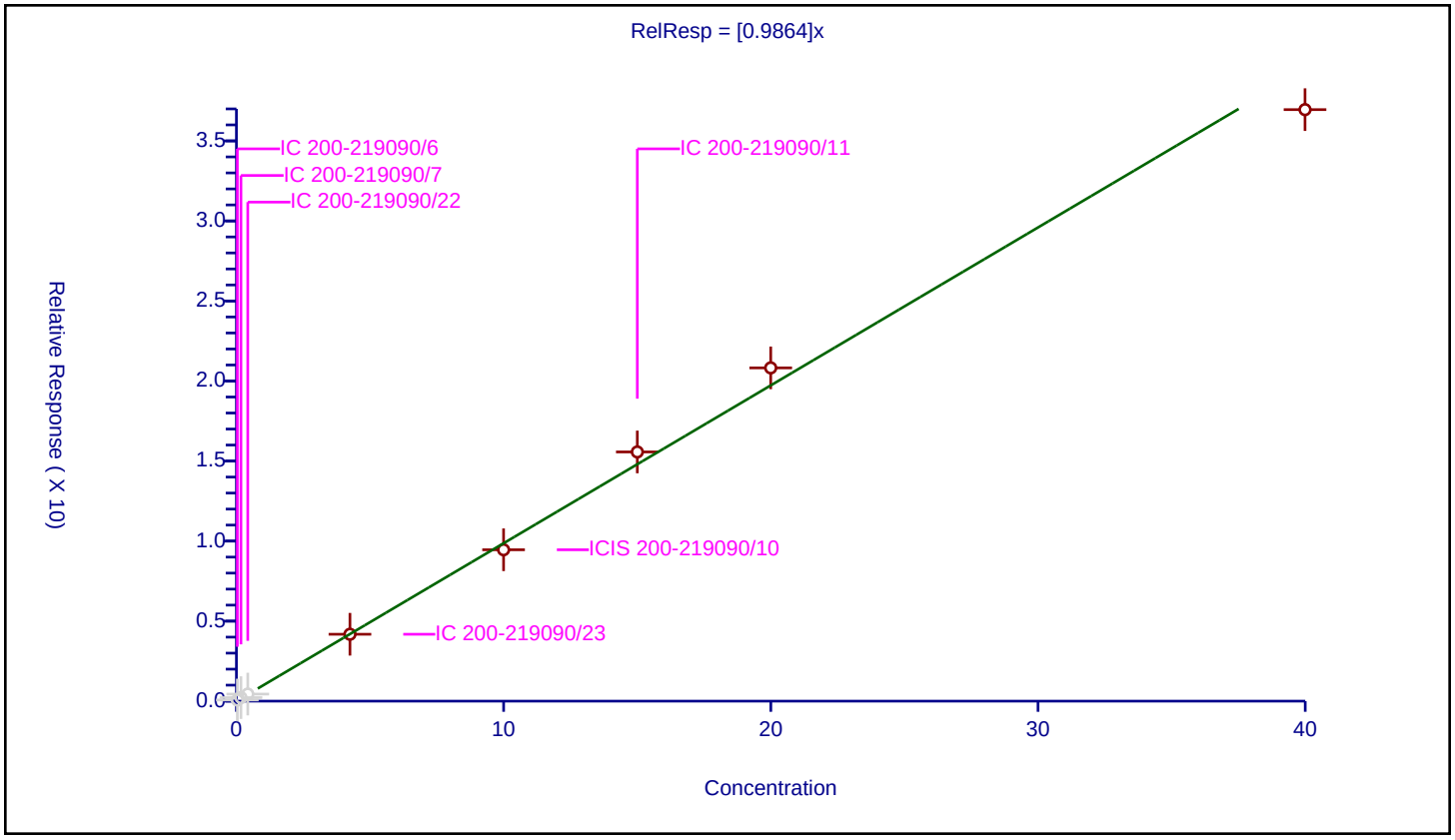
Curve Coefficients

Intercept:	0
Slope:	0.9864

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.070689	10.0	133684.0	2.015258	N
2	IC 200-219090/7	0.170374	0.221019	10.0	128360.0	1.29726	N
3	IC 200-219090/22	0.425385	0.442104	10.0	118954.0	1.039303	N
4	IC 200-219090/23	4.249175	4.178362	10.0	123984.0	0.983335	Y
5	ICIS 200-219090/10	9.99806	9.456484	10.0	123345.0	0.945832	Y
6	IC 200-219090/11	15.003557	15.568923	10.0	108635.0	1.037682	Y
7	IC 200-219090/15	19.99612	20.820096	10.0	102927.0	1.041207	Y
8	IC 200-219090/16	39.99224	36.952954	10.0	119076.0	0.924003	Y



8/20/2025
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Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

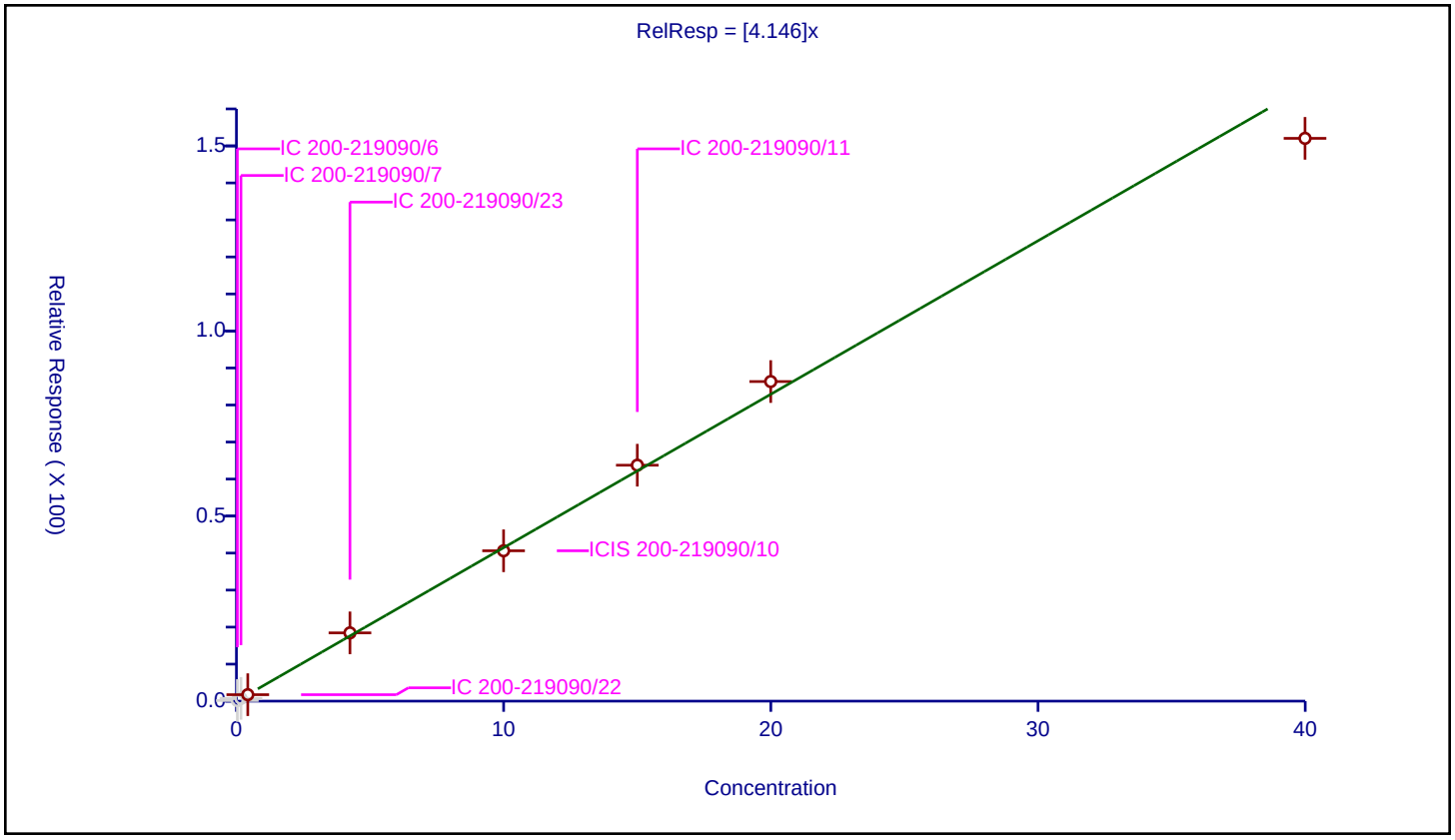
Curve Coefficients

Intercept:	0
Slope:	4.146

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.160154	10.0	133684.0	4.565786	N
2	IC 200-219090/7	0.170374	0.746105	10.0	128360.0	4.379224	N
3	IC 200-219090/22	0.425385	1.74496	10.0	118954.0	4.102076	Y
4	IC 200-219090/23	4.249175	18.445525	10.0	123984.0	4.340966	Y
5	ICIS 200-219090/10	9.99806	40.618104	10.0	123345.0	4.062599	Y
6	IC 200-219090/11	15.003557	63.741888	10.0	108635.0	4.248452	Y
7	IC 200-219090/15	19.99612	86.343428	10.0	102927.0	4.318009	Y
8	IC 200-219090/16	39.99224	152.042561	10.0	119076.0	3.801802	Y



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Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

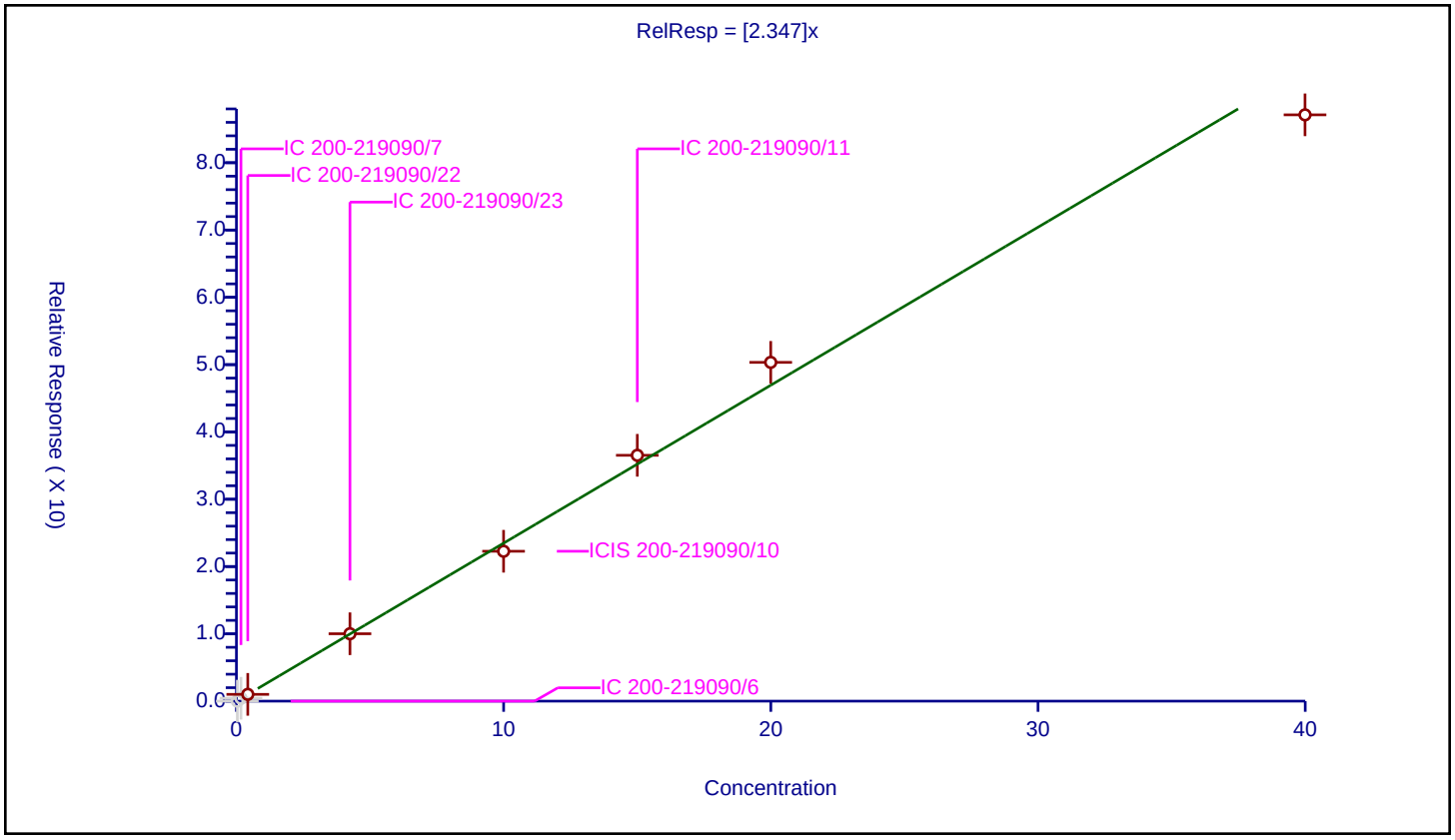
Curve Coefficients

Intercept:	0
Slope:	2.347

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	133684.0	0.0	N
2	IC 200-219090/7	0.170374	0.430352	10.0	128360.0	2.52593	N
3	IC 200-219090/22	0.425385	1.008037	10.0	118954.0	2.369706	Y
4	IC 200-219090/23	4.249175	10.013066	10.0	123984.0	2.356473	Y
5	ICIS 200-219090/10	9.99806	22.270218	10.0	123345.0	2.227454	Y
6	IC 200-219090/11	15.003557	36.528191	10.0	108635.0	2.434635	Y
7	IC 200-219090/15	19.99612	50.338201	10.0	102927.0	2.517398	Y
8	IC 200-219090/16	39.99224	87.115792	10.0	119076.0	2.178317	Y



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Calibration / 1,2-Dichloro-1,1,2,2-tetrafluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

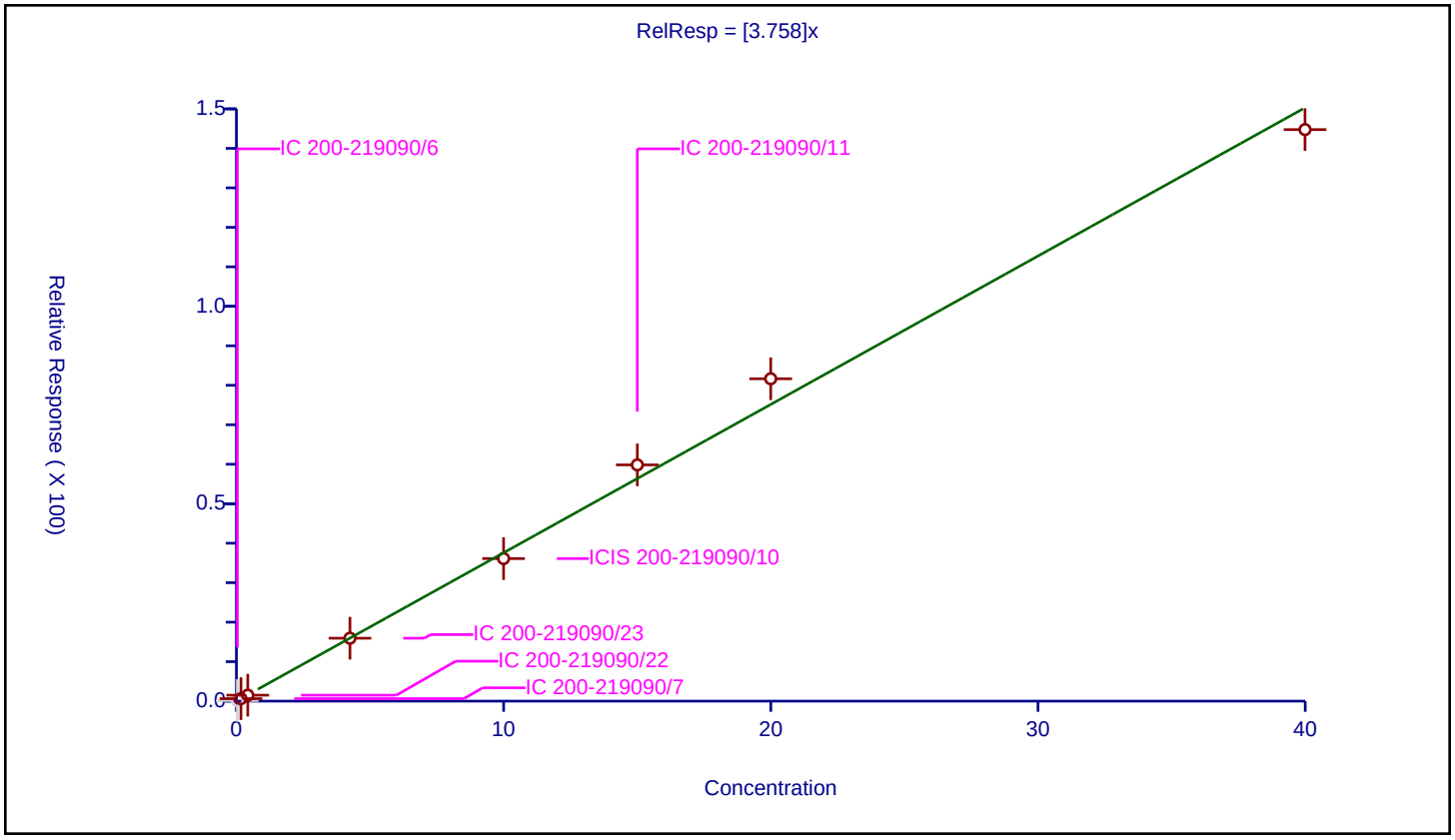
Curve Coefficients

Intercept:	0
Slope:	3.758

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.152	10.0	133684.0	4.333338	N
2	IC 200-219090/7	0.170374	0.631271	10.0	128360.0	3.705216	Y
3	IC 200-219090/22	0.425385	1.509323	10.0	118954.0	3.548136	Y
4	IC 200-219090/23	4.249175	15.936653	10.0	123984.0	3.750528	Y
5	ICIS 200-219090/10	9.99806	36.106368	10.0	123345.0	3.611337	Y
6	IC 200-219090/11	15.003557	59.838634	10.0	108635.0	3.988297	Y
7	IC 200-219090/15	19.99612	81.64981	10.0	102927.0	4.083283	Y
8	IC 200-219090/16	39.99224	144.752931	10.0	119076.0	3.619526	Y



8/20/2025
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Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

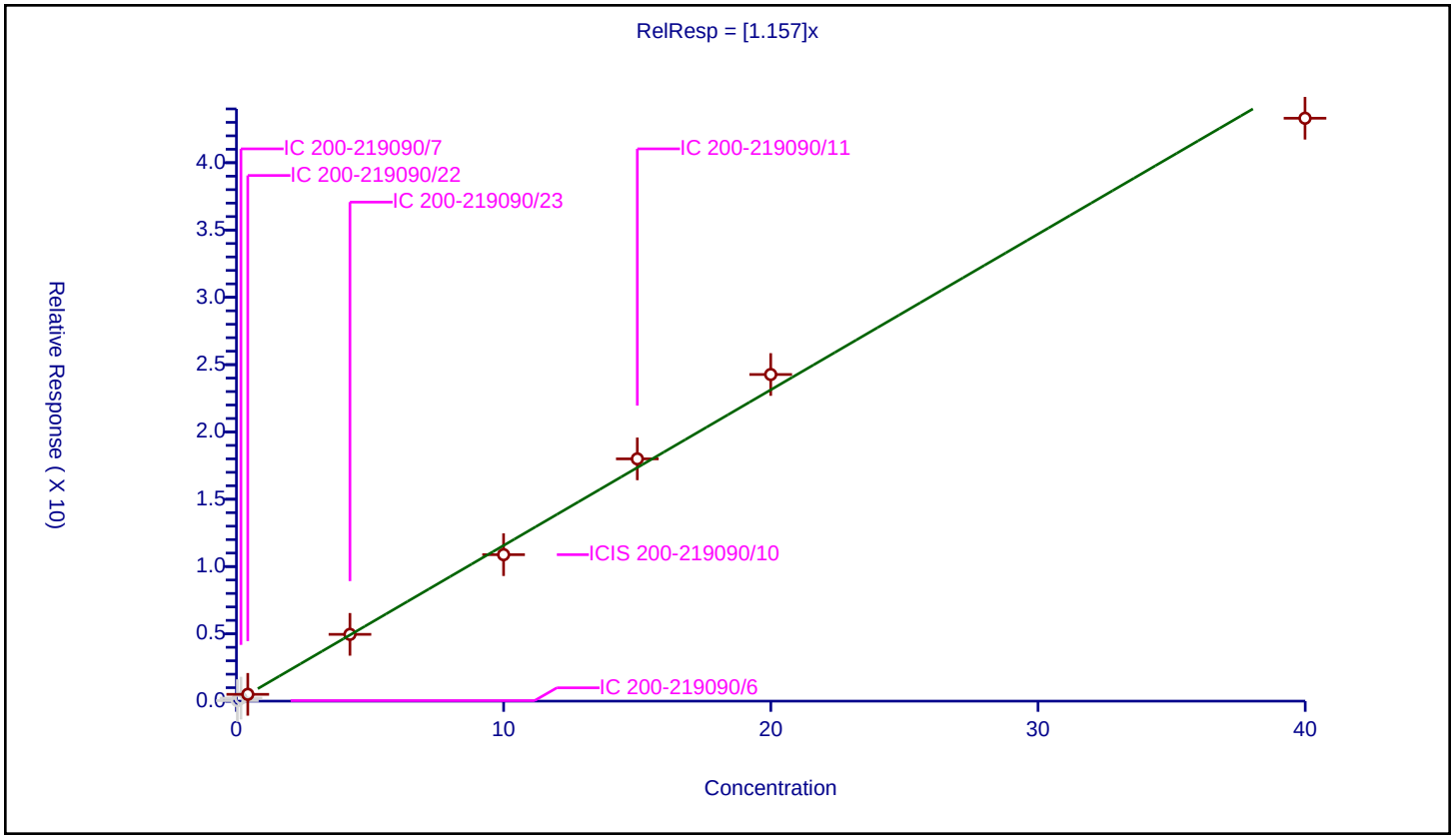
Curve Coefficients

Intercept:	0
Slope:	1.157

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.039421	10.0	133684.0	1.123853	N
2	IC 200-219090/7	0.170374	0.22172	10.0	128360.0	1.301375	N
3	IC 200-219090/22	0.425385	0.505069	10.0	118954.0	1.187323	Y
4	IC 200-219090/23	4.249175	4.961205	10.0	123984.0	1.167569	Y
5	ICIS 200-219090/10	9.99806	10.882322	10.0	123345.0	1.088443	Y
6	IC 200-219090/11	15.003557	18.0	10.0	108635.0	1.199716	Y
7	IC 200-219090/15	19.99612	24.267393	10.0	102927.0	1.213605	Y
8	IC 200-219090/16	39.99224	43.304864	10.0	119076.0	1.082832	Y



8/20/2025
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Calibration / Butane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

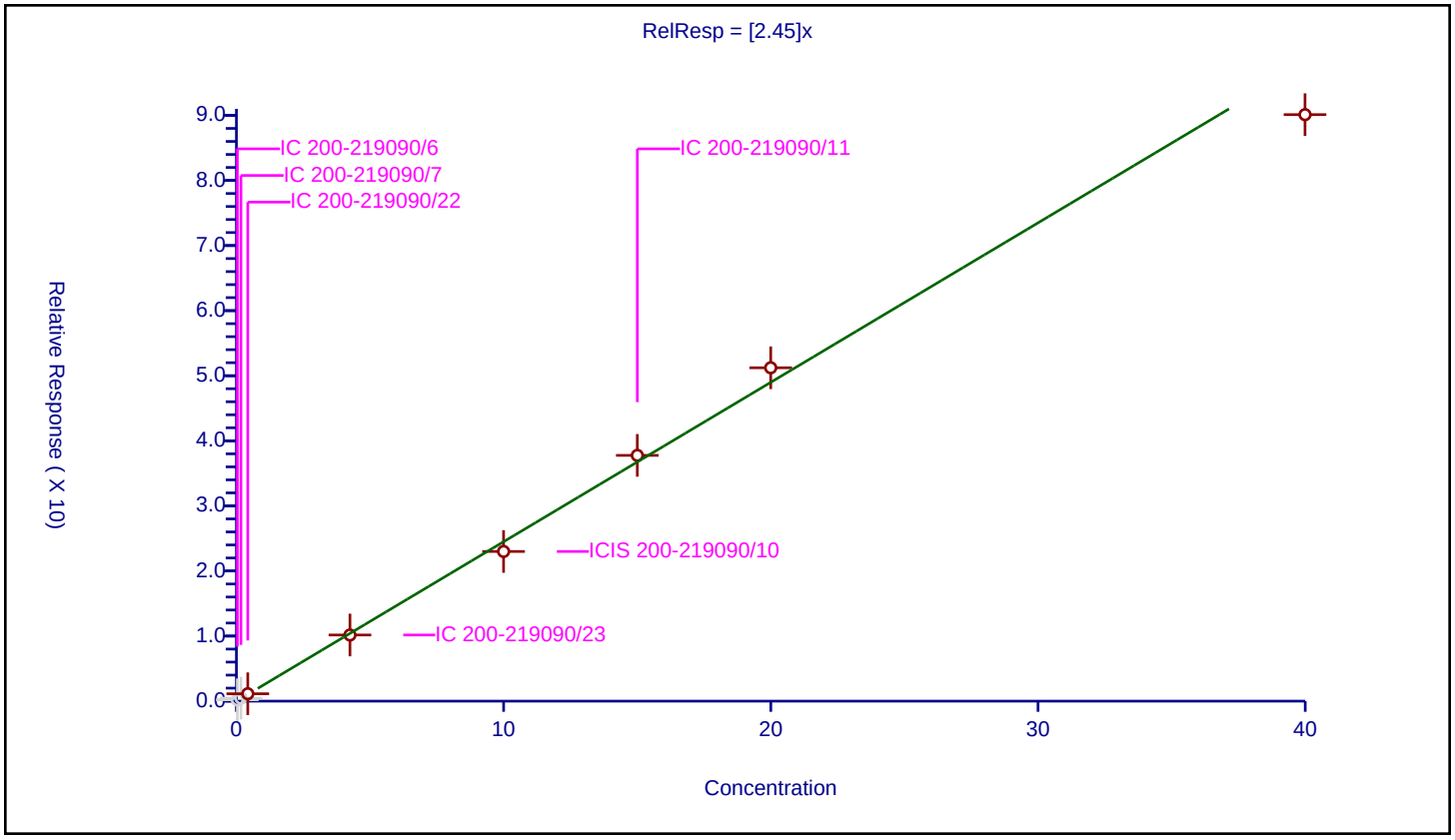
Curve Coefficients

Intercept:	0
Slope:	2.45

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.203614	10.0	133684.0	5.804796	N
2	IC 200-219090/7	0.170374	0.459022	10.0	128360.0	2.694204	N
3	IC 200-219090/22	0.425385	1.137499	10.0	118954.0	2.674047	Y
4	IC 200-219090/23	4.249175	10.164215	10.0	123984.0	2.392044	Y
5	ICIS 200-219090/10	9.99806	22.9955	10.0	123345.0	2.299996	Y
6	IC 200-219090/11	15.003557	37.762323	10.0	108635.0	2.516891	Y
7	IC 200-219090/15	19.99612	51.220379	10.0	102927.0	2.561516	Y
8	IC 200-219090/16	39.99224	90.115808	10.0	119076.0	2.253332	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

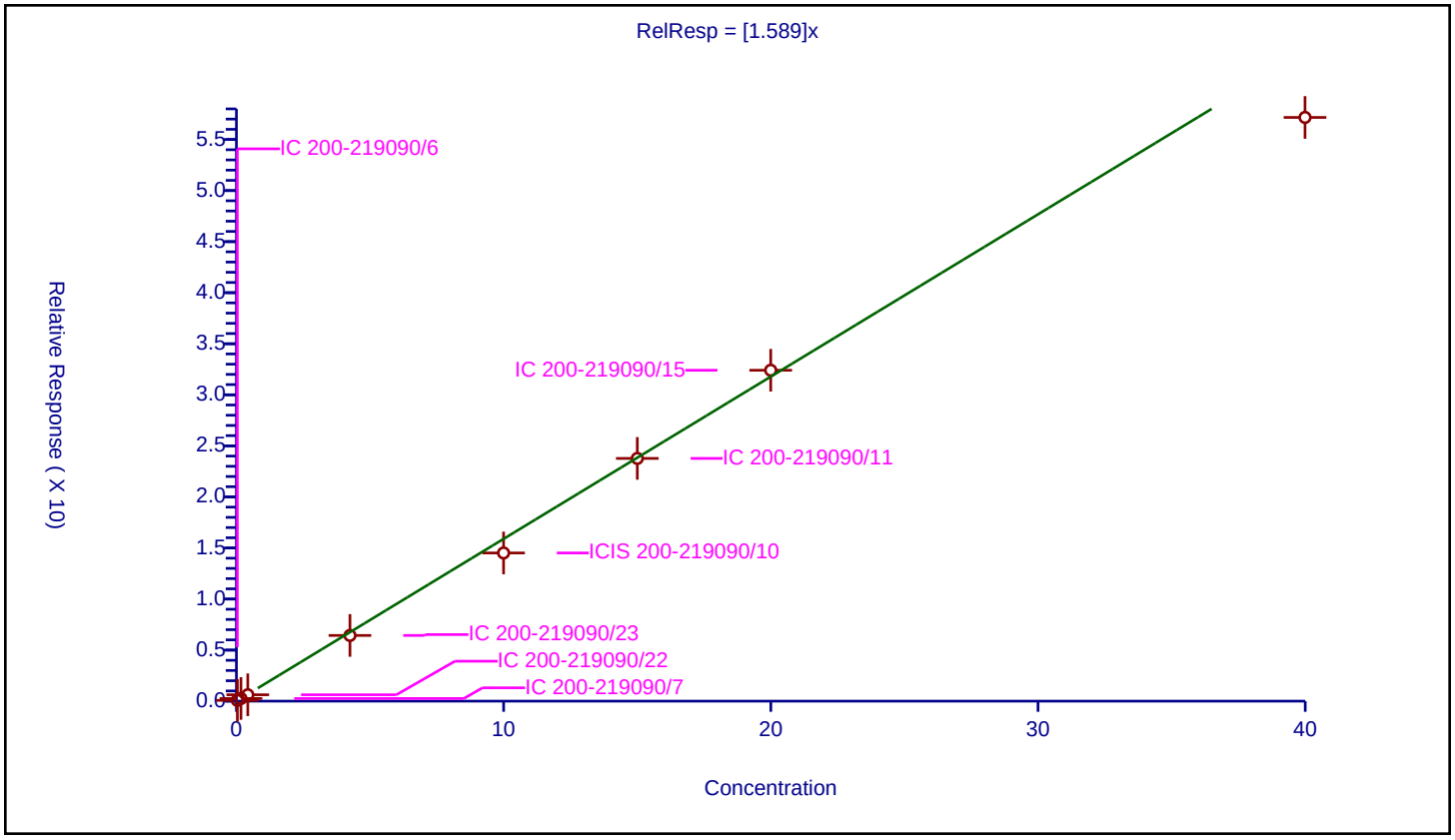
Curve Coefficients

Intercept:	0
Slope:	1.589

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.074504	10.0	133684.0	2.124018	Y
2	IC 200-219090/7	0.170374	0.259271	10.0	128360.0	1.521777	Y
3	IC 200-219090/22	0.425385	0.624191	10.0	118954.0	1.467356	Y
4	IC 200-219090/23	4.249175	6.434459	10.0	123984.0	1.514284	Y
5	ICIS 200-219090/10	9.99806	14.512546	10.0	123345.0	1.451536	Y
6	IC 200-219090/11	15.003557	23.770056	10.0	108635.0	1.584295	Y
7	IC 200-219090/15	19.99612	32.404034	10.0	102927.0	1.620516	Y
8	IC 200-219090/16	39.99224	57.161897	10.0	119076.0	1.429325	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

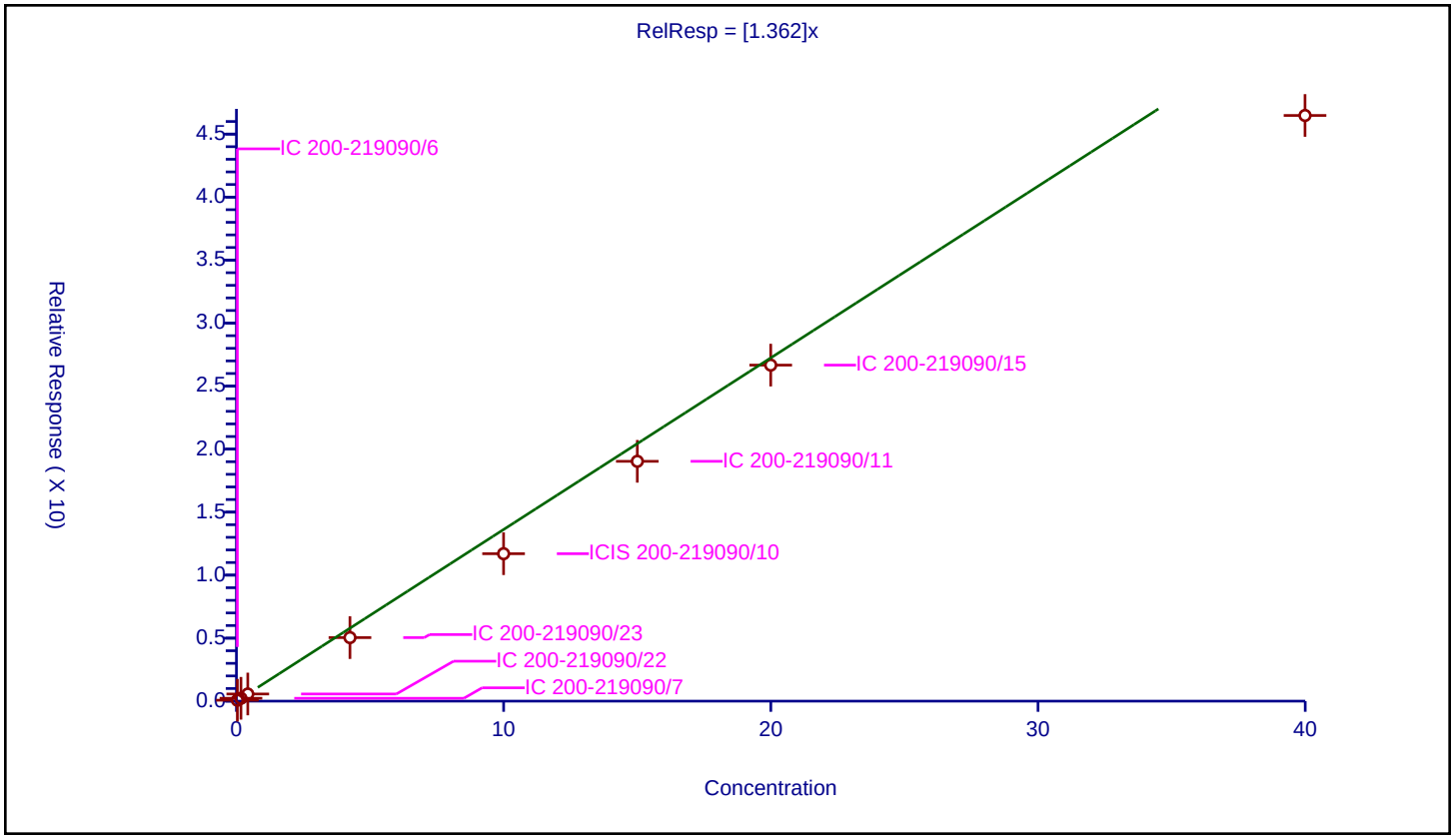
Curve Coefficients

Intercept:	0
Slope:	1.362

Error Coefficients

Relative Standard Deviation:	22.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.073681	10.0	133684.0	2.10056	Y
2	IC 200-219090/7	0.170374	0.228108	10.0	128360.0	1.338871	Y
3	IC 200-219090/22	0.425385	0.568455	10.0	118954.0	1.336332	Y
4	IC 200-219090/23	4.249175	5.042425	10.0	123984.0	1.186683	Y
5	ICIS 200-219090/10	9.99806	11.700434	10.0	123345.0	1.17027	Y
6	IC 200-219090/11	15.003557	19.03254	10.0	108635.0	1.268535	Y
7	IC 200-219090/15	19.99612	26.666764	10.0	102927.0	1.333597	Y
8	IC 200-219090/16	39.99224	46.47788	10.0	119076.0	1.162172	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

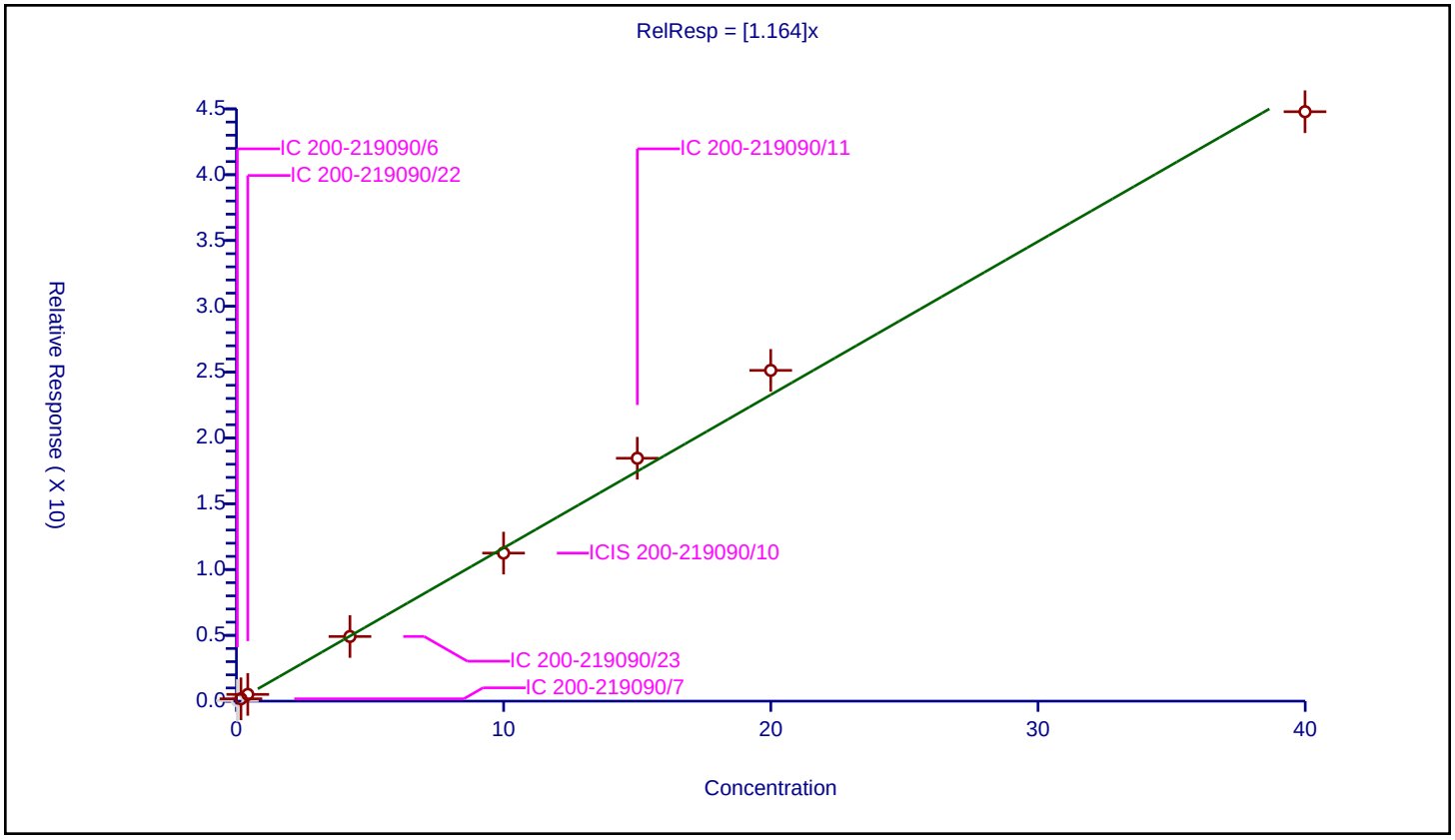
Curve Coefficients

Intercept:	0
Slope:	1.164

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.042039	10.0	133684.0	1.198492	N
2	IC 200-219090/7	0.170374	0.179573	10.0	128360.0	1.053995	Y
3	IC 200-219090/22	0.425385	0.51314	10.0	118954.0	1.206295	Y
4	IC 200-219090/23	4.249175	4.912569	10.0	123984.0	1.156123	Y
5	ICIS 200-219090/10	9.99806	11.248936	10.0	123345.0	1.125112	Y
6	IC 200-219090/11	15.003557	18.454273	10.0	108635.0	1.229993	Y
7	IC 200-219090/15	19.99612	25.131695	10.0	102927.0	1.256829	Y
8	IC 200-219090/16	39.99224	44.785011	10.0	119076.0	1.119843	Y



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

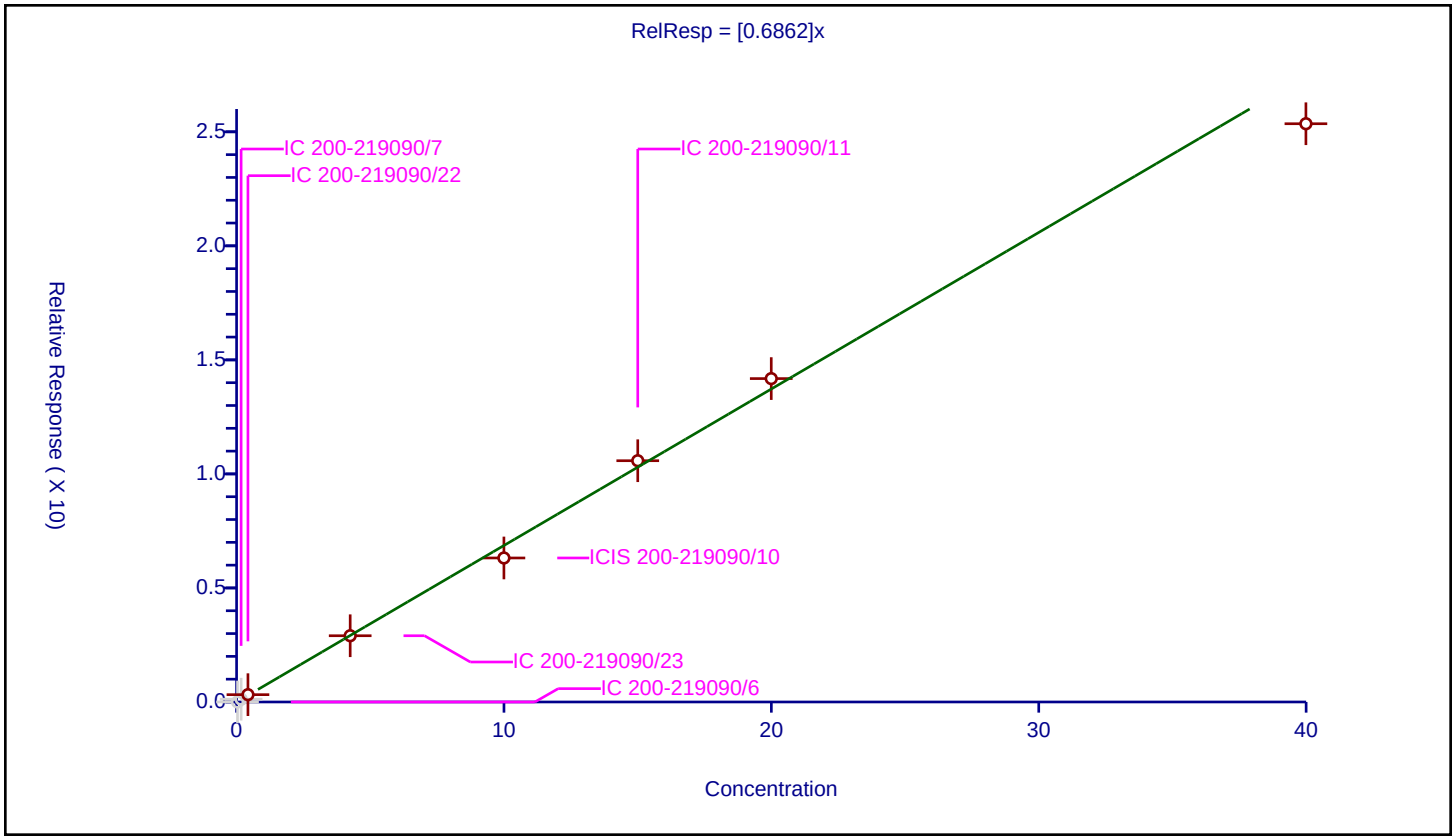
Curve Coefficients

Intercept:	0
Slope:	0.6862

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	133684.0	0.0	N
2	IC 200-219090/7	0.170374	0.122702	10.0	128360.0	0.720192	N
3	IC 200-219090/22	0.425385	0.320712	10.0	118954.0	0.753935	Y
4	IC 200-219090/23	4.249175	2.904972	10.0	123984.0	0.683655	Y
5	ICIS 200-219090/10	9.99806	6.314403	10.0	123345.0	0.631563	Y
6	IC 200-219090/11	15.003557	10.579187	10.0	108635.0	0.705112	Y
7	IC 200-219090/15	19.99612	14.179467	10.0	102927.0	0.709111	Y
8	IC 200-219090/16	39.99224	25.355067	10.0	119076.0	0.634	Y



Calibration / 2-Methylbutane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

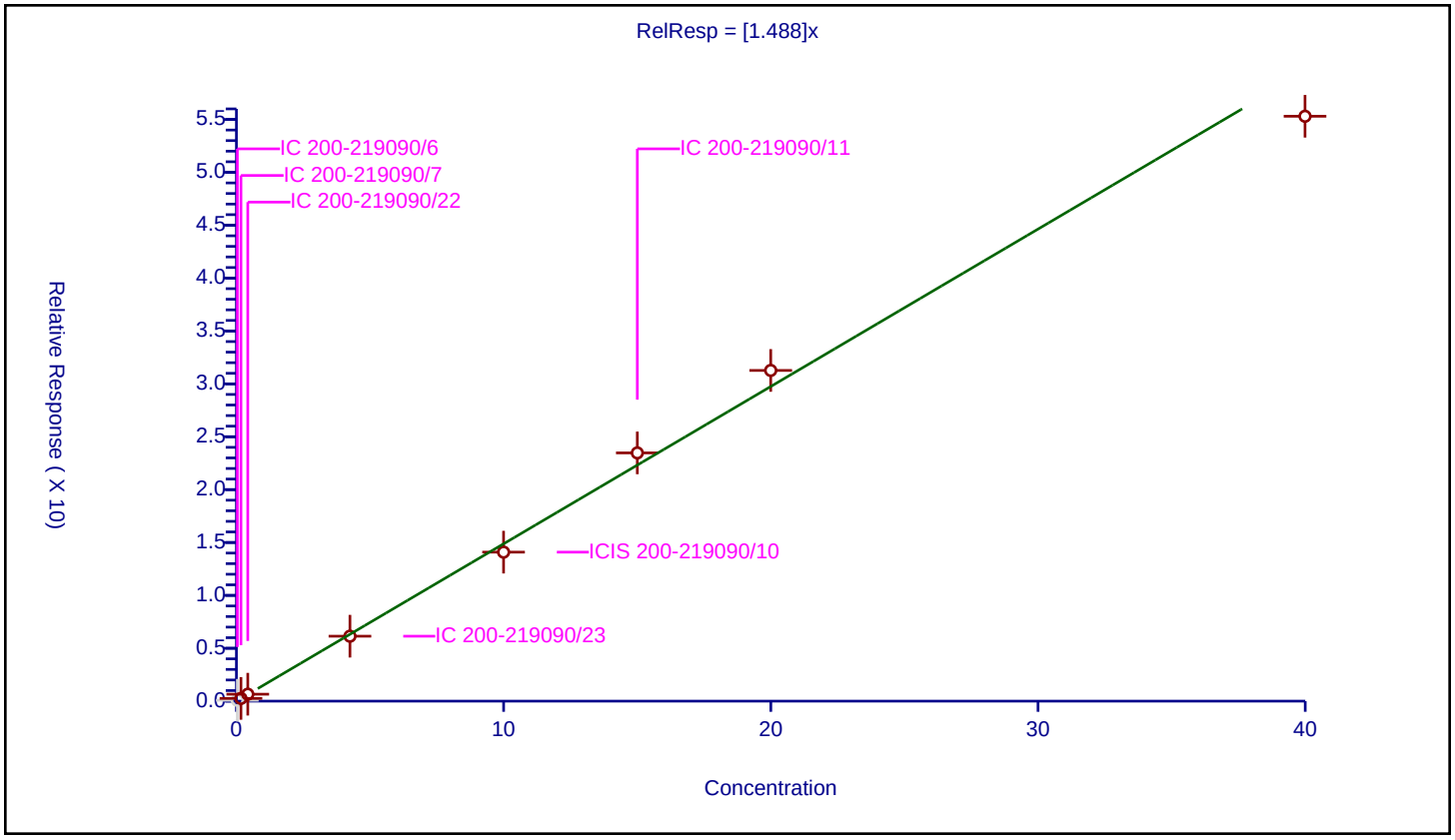
Curve Coefficients

Intercept:	0
Slope:	1.488

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.083032	10.0	133684.0	2.367128	N
2	IC 200-219090/7	0.170374	0.256934	10.0	128360.0	1.508059	Y
3	IC 200-219090/22	0.425385	0.655548	10.0	118954.0	1.54107	Y
4	IC 200-219090/23	4.249175	6.140147	10.0	123984.0	1.445021	Y
5	ICIS 200-219090/10	9.99806	14.089586	10.0	123345.0	1.409232	Y
6	IC 200-219090/11	15.003557	23.471717	10.0	108635.0	1.56441	Y
7	IC 200-219090/15	19.99612	31.268375	10.0	102927.0	1.563722	Y
8	IC 200-219090/16	39.99224	55.302244	10.0	119076.0	1.382824	Y



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Calibration / Vinyl bromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

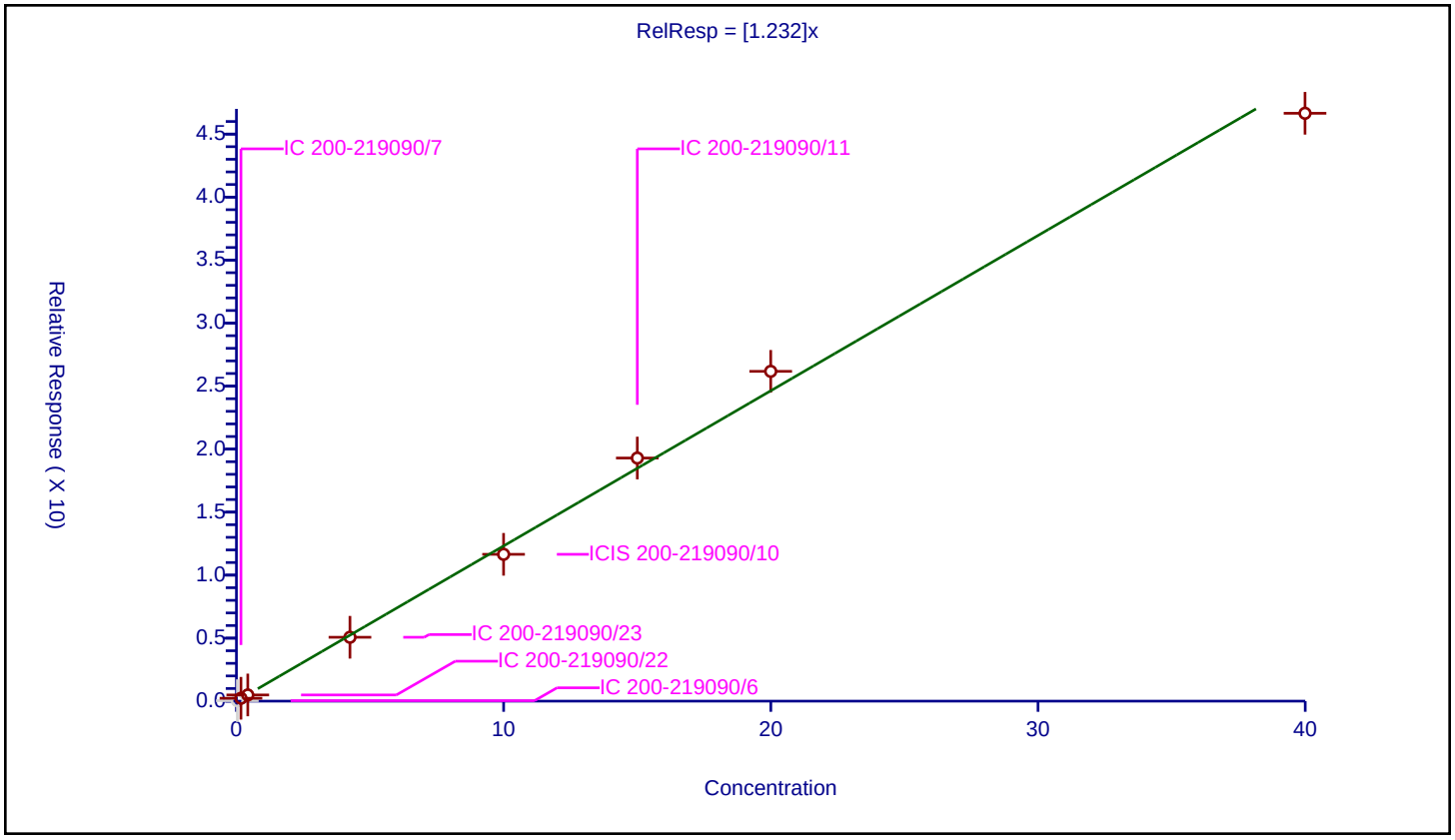
Curve Coefficients

Intercept:	0
Slope:	1.232

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.036579	10.0	133684.0	1.042816	N
2	IC 200-219090/7	0.170374	0.229822	10.0	128360.0	1.348931	Y
3	IC 200-219090/22	0.425385	0.490862	10.0	118954.0	1.153925	Y
4	IC 200-219090/23	4.249175	5.06888	10.0	123984.0	1.192909	Y
5	ICIS 200-219090/10	9.99806	11.650898	10.0	123345.0	1.165316	Y
6	IC 200-219090/11	15.003557	19.291297	10.0	108635.0	1.285782	Y
7	IC 200-219090/15	19.99612	26.171558	10.0	102927.0	1.308832	Y
8	IC 200-219090/16	39.99224	46.650375	10.0	119076.0	1.166486	Y



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Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

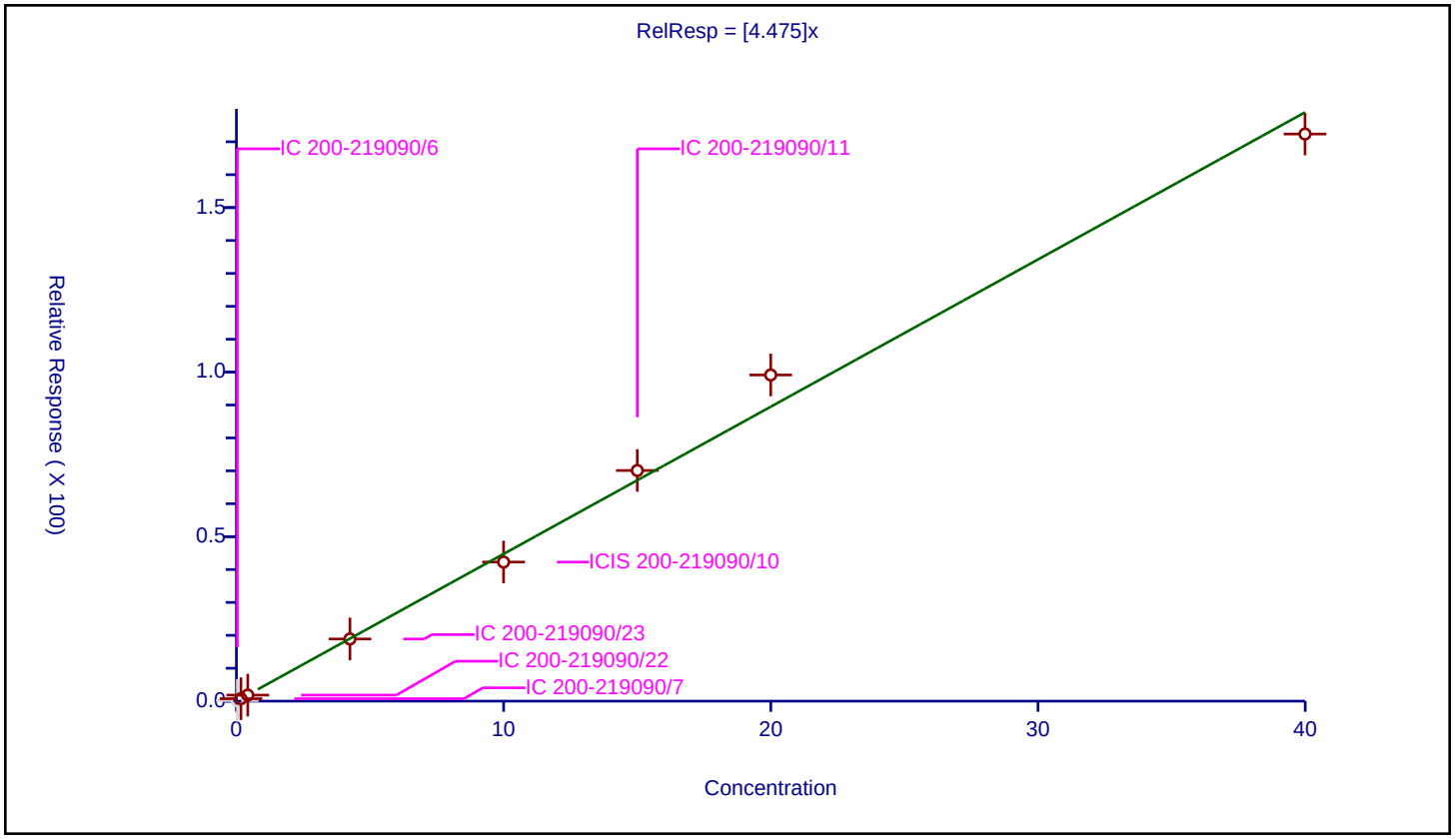
Curve Coefficients

Intercept:	0
Slope:	4.475

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.170851	10.0	133684.0	4.87074	N
2	IC 200-219090/7	0.170374	0.745559	10.0	128360.0	4.376023	Y
3	IC 200-219090/22	0.425385	1.842057	10.0	118954.0	4.330331	Y
4	IC 200-219090/23	4.249175	18.899777	10.0	123984.0	4.447869	Y
5	ICIS 200-219090/10	9.99806	42.278568	10.0	123345.0	4.228677	Y
6	IC 200-219090/11	15.003557	70.094905	10.0	108635.0	4.671886	Y
7	IC 200-219090/15	19.99612	99.134629	10.0	102927.0	4.957693	Y
8	IC 200-219090/16	39.99224	172.361097	10.0	119076.0	4.309864	Y



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Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

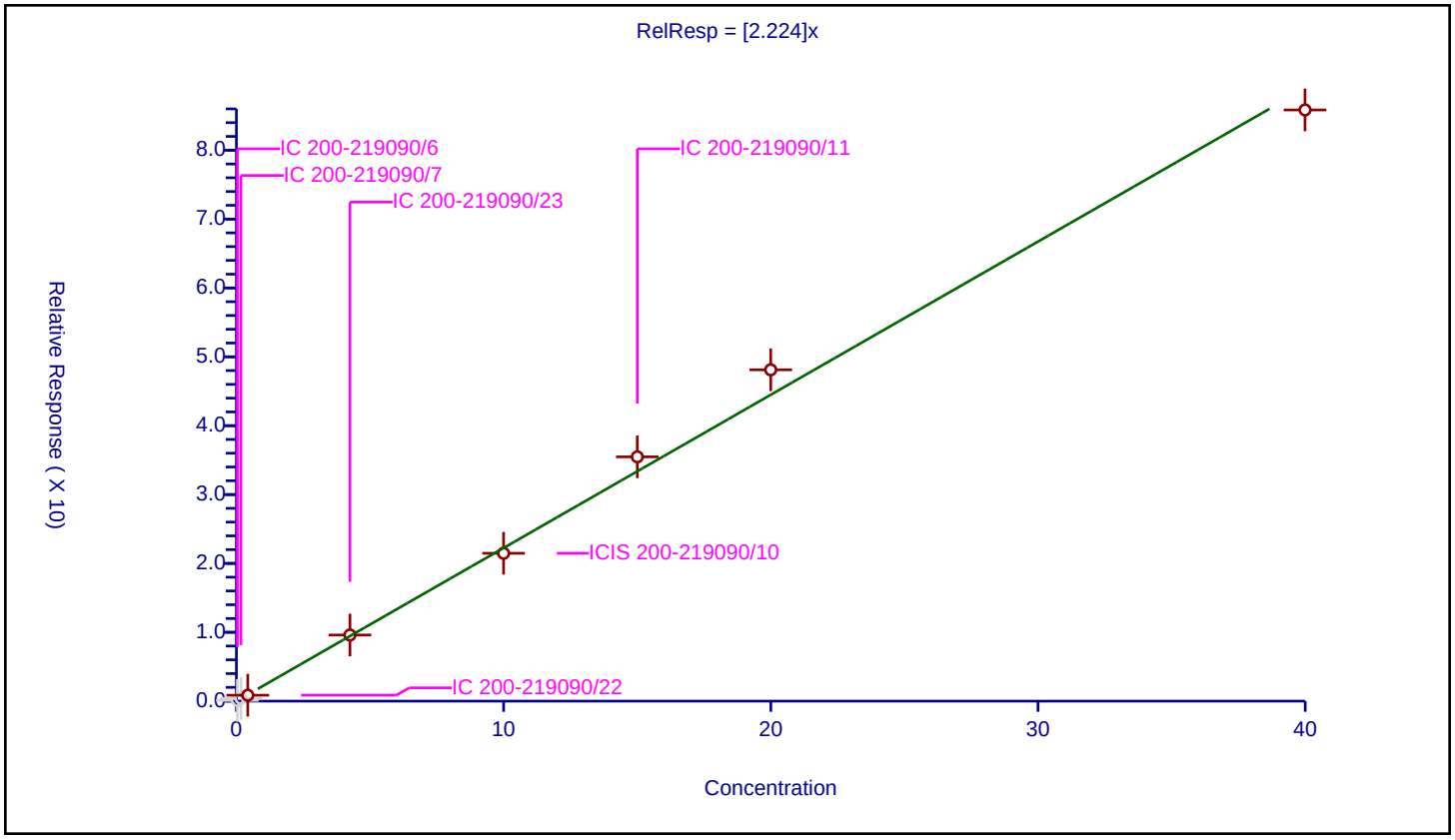
Curve Coefficients

Intercept:	0
Slope:	2.224

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.11198	10.0	133684.0	3.192425	N
2	IC 200-219090/7	0.170374	0.409863	10.0	128360.0	2.40567	N
3	IC 200-219090/22	0.425385	0.860248	10.0	118954.0	2.022284	Y
4	IC 200-219090/23	4.249175	9.602529	10.0	123984.0	2.259857	Y
5	ICIS 200-219090/10	9.99806	21.46978	10.0	123345.0	2.147395	Y
6	IC 200-219090/11	15.003557	35.476596	10.0	108635.0	2.364546	Y
7	IC 200-219090/15	19.99612	48.112643	10.0	102927.0	2.406099	Y
8	IC 200-219090/16	39.99224	85.846182	10.0	119076.0	2.146571	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

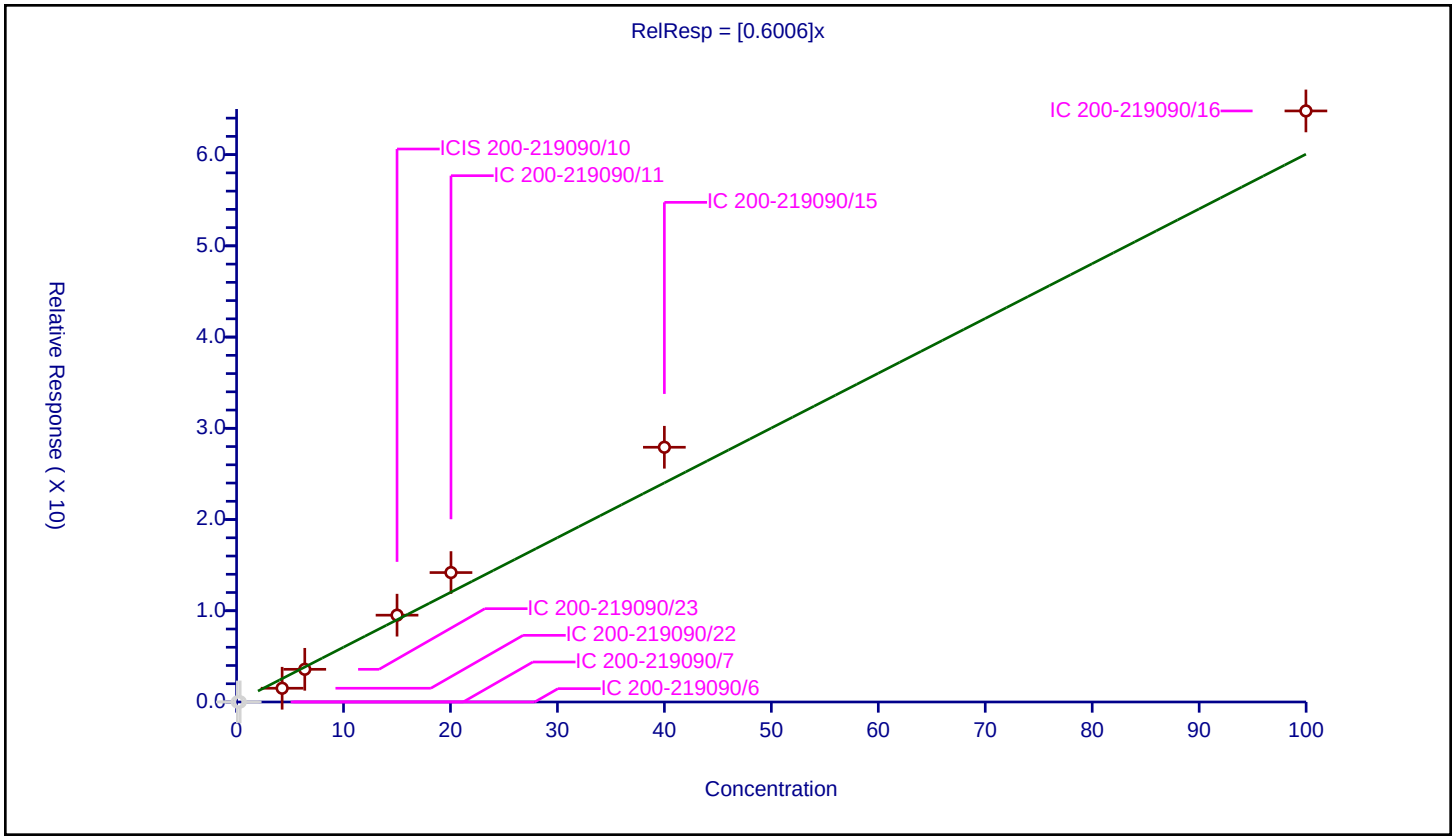
Curve Coefficients

Intercept:	0
Slope:	0.6006

Error Coefficients

Relative Standard Deviation:	21.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.070165	0.0	10.0	133684.0	0.0	N
2	IC 200-219090/7	0.340803	0.008648	10.0	128360.0	0.025374	N
3	IC 200-219090/22	4.259043	1.507053	10.0	118954.0	0.353848	Y
4	IC 200-219090/23	6.376512	3.581269	10.0	123984.0	0.561634	Y
5	ICIS 200-219090/10	15.003557	9.516559	10.0	123345.0	0.634287	Y
6	IC 200-219090/11	20.047856	14.186404	10.0	108635.0	0.707627	Y
7	IC 200-219090/15	39.998707	27.923868	10.0	102927.0	0.698119	Y
8	IC 200-219090/16	99.980599	64.789042	10.0	119076.0	0.648016	Y



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Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

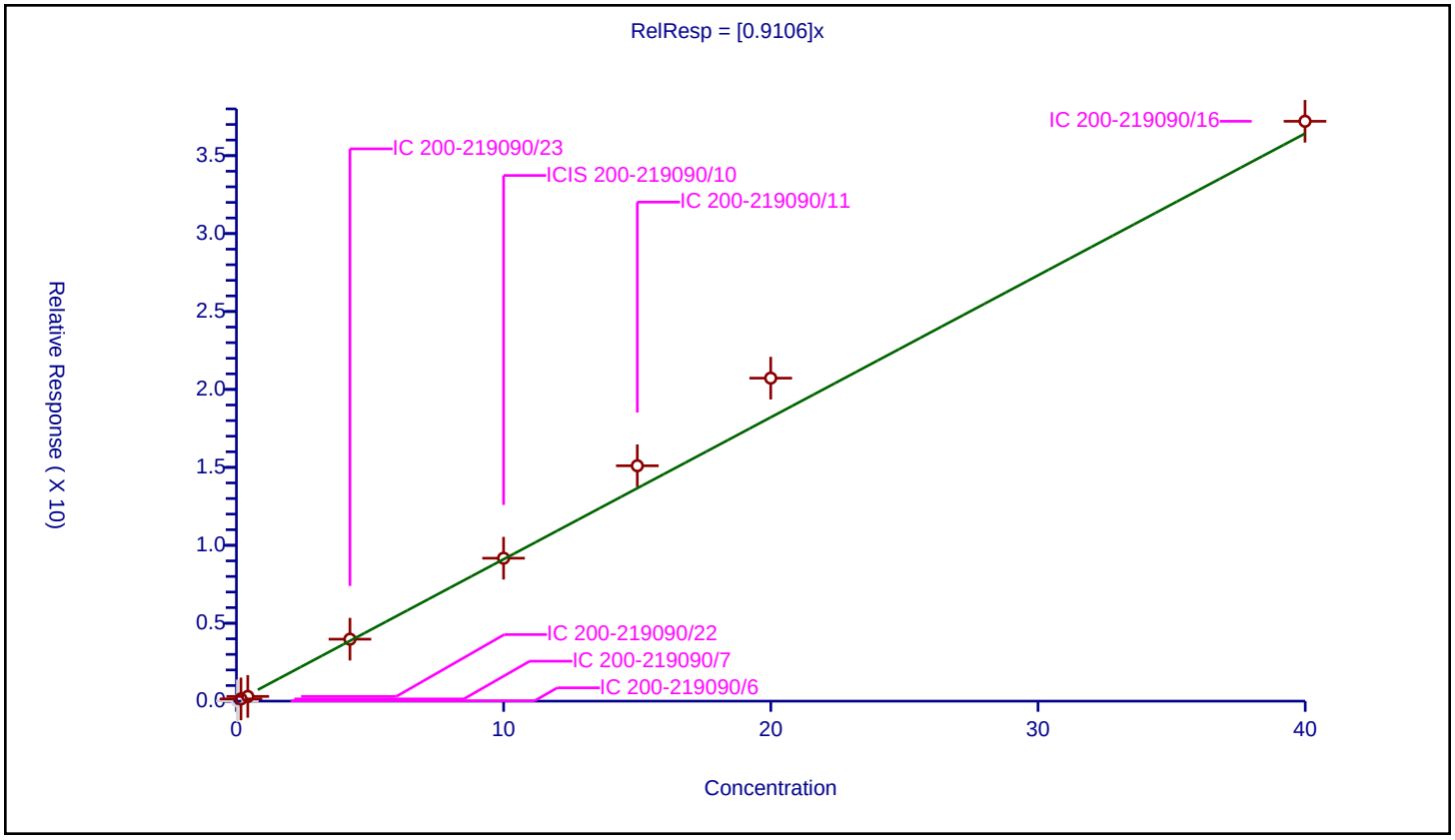
Curve Coefficients

Intercept:	0
Slope:	0.9106

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.020346	10.0	133684.0	0.580053	N
2	IC 200-219090/7	0.170374	0.142178	10.0	128360.0	0.834508	Y
3	IC 200-219090/22	0.425385	0.303647	10.0	118954.0	0.713817	Y
4	IC 200-219090/23	4.249175	3.974948	10.0	123984.0	0.935463	Y
5	ICIS 200-219090/10	9.99806	9.170295	10.0	123345.0	0.917207	Y
6	IC 200-219090/11	15.003557	15.102775	10.0	108635.0	1.006613	Y
7	IC 200-219090/15	19.99612	20.724203	10.0	102927.0	1.036411	Y
8	IC 200-219090/16	39.99224	37.20607	10.0	119076.0	0.930332	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

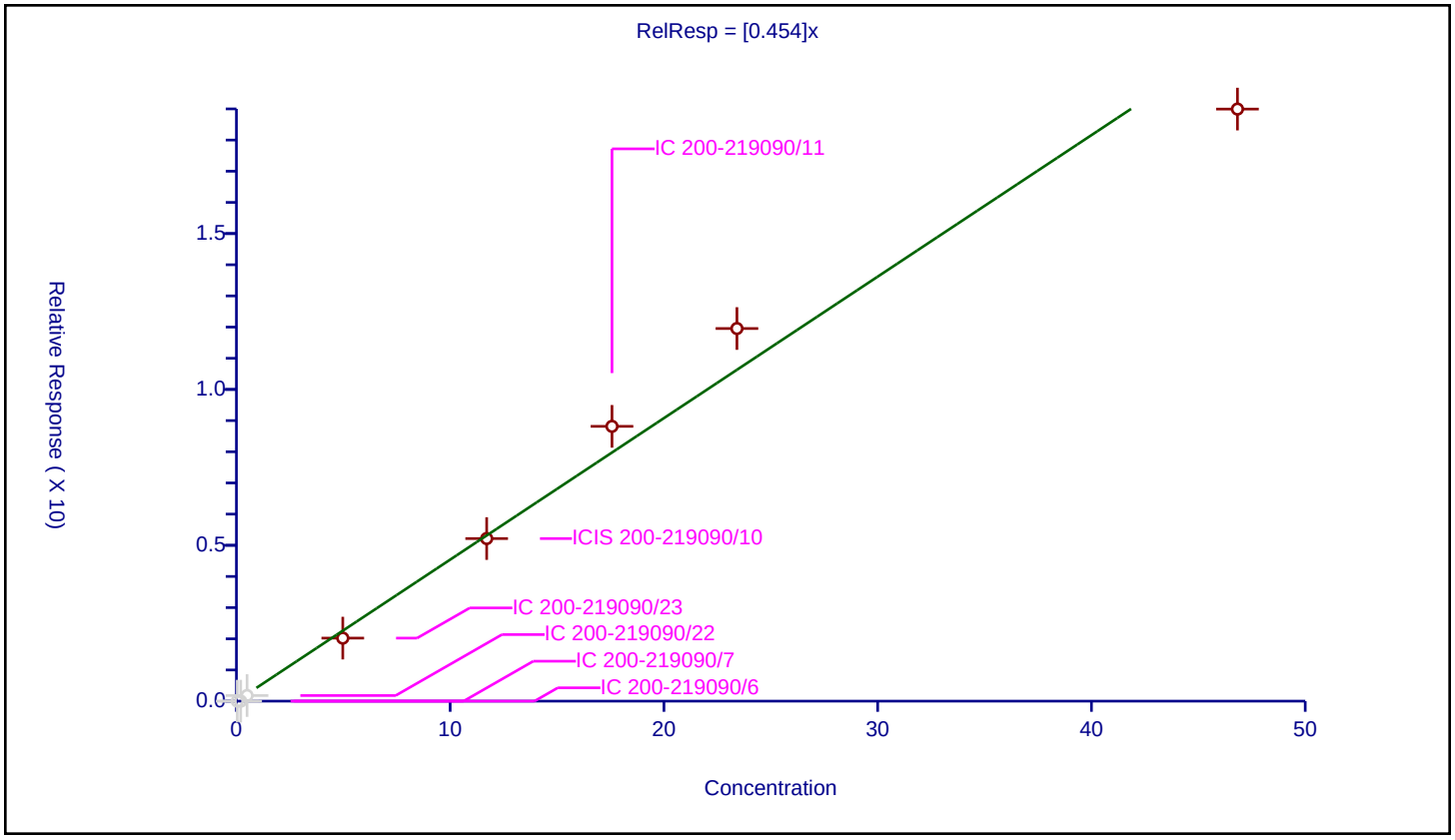
Curve Coefficients

Intercept:	0
Slope:	0.454

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.041075	0.0	10.0	133684.0	0.0	N
2	IC 200-219090/7	0.199508	0.0	10.0	128360.0	0.0	N
3	IC 200-219090/22	0.498125	0.180238	10.0	118954.0	0.361832	N
4	IC 200-219090/23	4.975784	2.021874	10.0	123984.0	0.406343	Y
5	ICIS 200-219090/10	11.707728	5.216182	10.0	123345.0	0.445533	Y
6	IC 200-219090/11	17.569165	8.815575	10.0	108635.0	0.501764	Y
7	IC 200-219090/15	23.415456	11.954201	10.0	102927.0	0.510526	Y
8	IC 200-219090/16	46.830913	18.994004	10.0	119076.0	0.405587	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

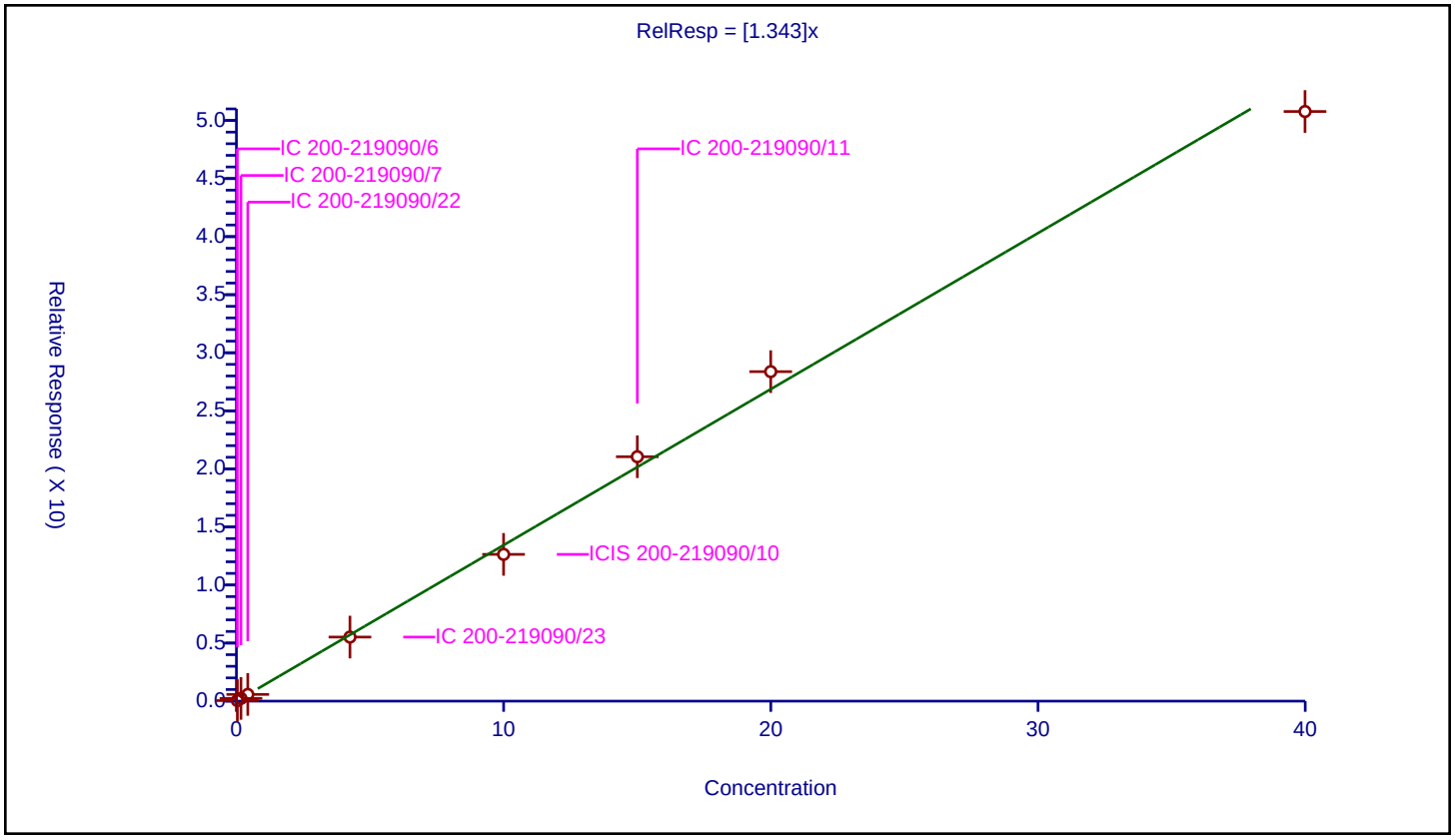
Curve Coefficients

Intercept:	0
Slope:	1.343

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0475	10.0	133684.0	1.354168	Y
2	IC 200-219090/7	0.170374	0.23473	10.0	128360.0	1.377739	Y
3	IC 200-219090/22	0.425385	0.579131	10.0	118954.0	1.36143	Y
4	IC 200-219090/23	4.249175	5.517889	10.0	123984.0	1.298579	Y
5	ICIS 200-219090/10	9.99806	12.638129	10.0	123345.0	1.264058	Y
6	IC 200-219090/11	15.003557	21.046624	10.0	108635.0	1.402776	Y
7	IC 200-219090/15	19.99612	28.374285	10.0	102927.0	1.41899	Y
8	IC 200-219090/16	39.99224	50.775891	10.0	119076.0	1.269644	Y



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Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

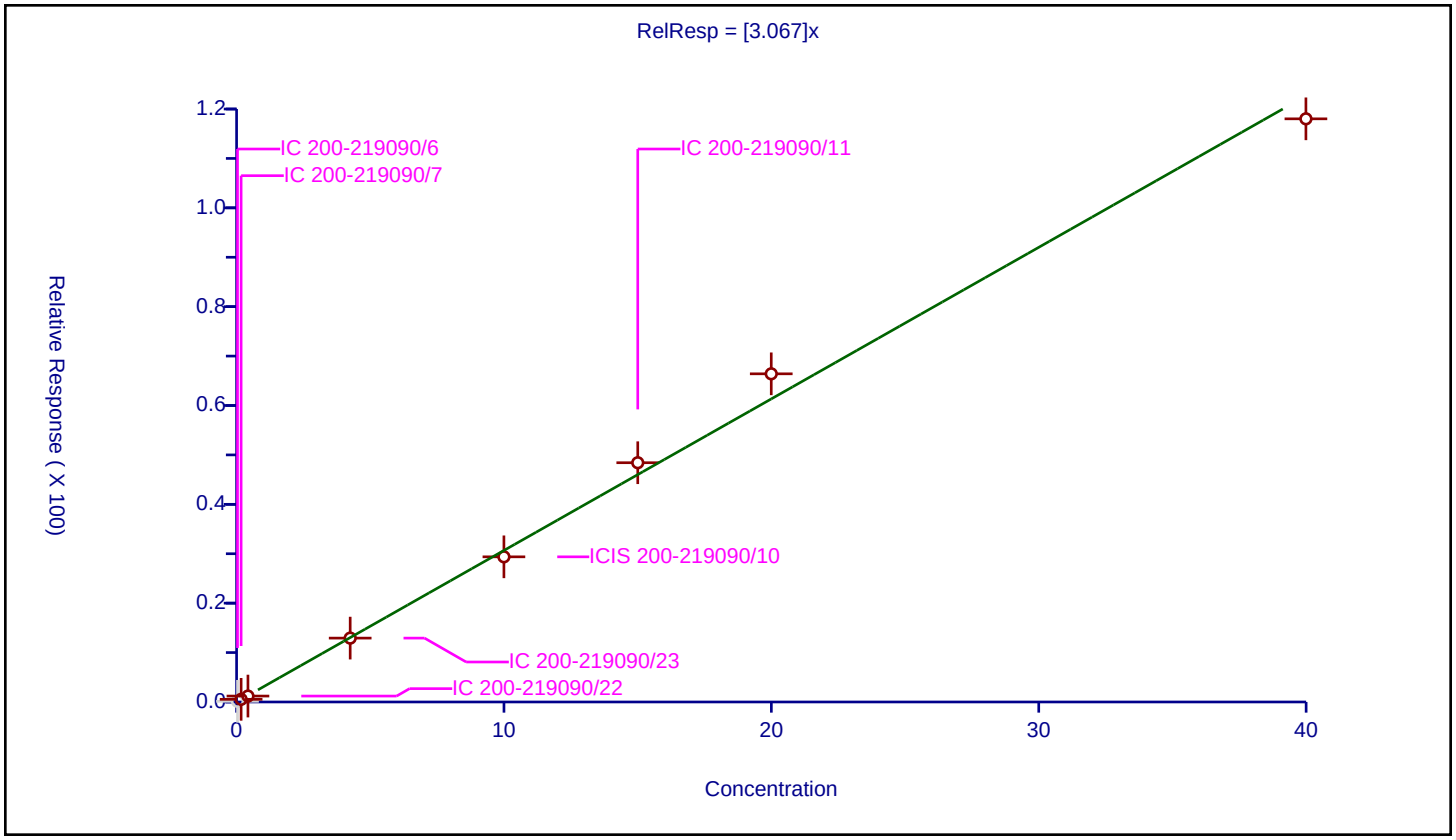
Curve Coefficients

Intercept:	0
Slope:	3.067

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.139957	10.0	133684.0	3.989998	N
2	IC 200-219090/7	0.170374	0.538797	10.0	128360.0	3.162443	Y
3	IC 200-219090/22	0.425385	1.202313	10.0	118954.0	2.826415	Y
4	IC 200-219090/23	4.249175	12.926507	10.0	123984.0	3.042121	Y
5	ICIS 200-219090/10	9.99806	29.376789	10.0	123345.0	2.938249	Y
6	IC 200-219090/11	15.003557	48.420859	10.0	108635.0	3.227292	Y
7	IC 200-219090/15	19.99612	66.410271	10.0	102927.0	3.321158	Y
8	IC 200-219090/16	39.99224	118.015217	10.0	119076.0	2.950953	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

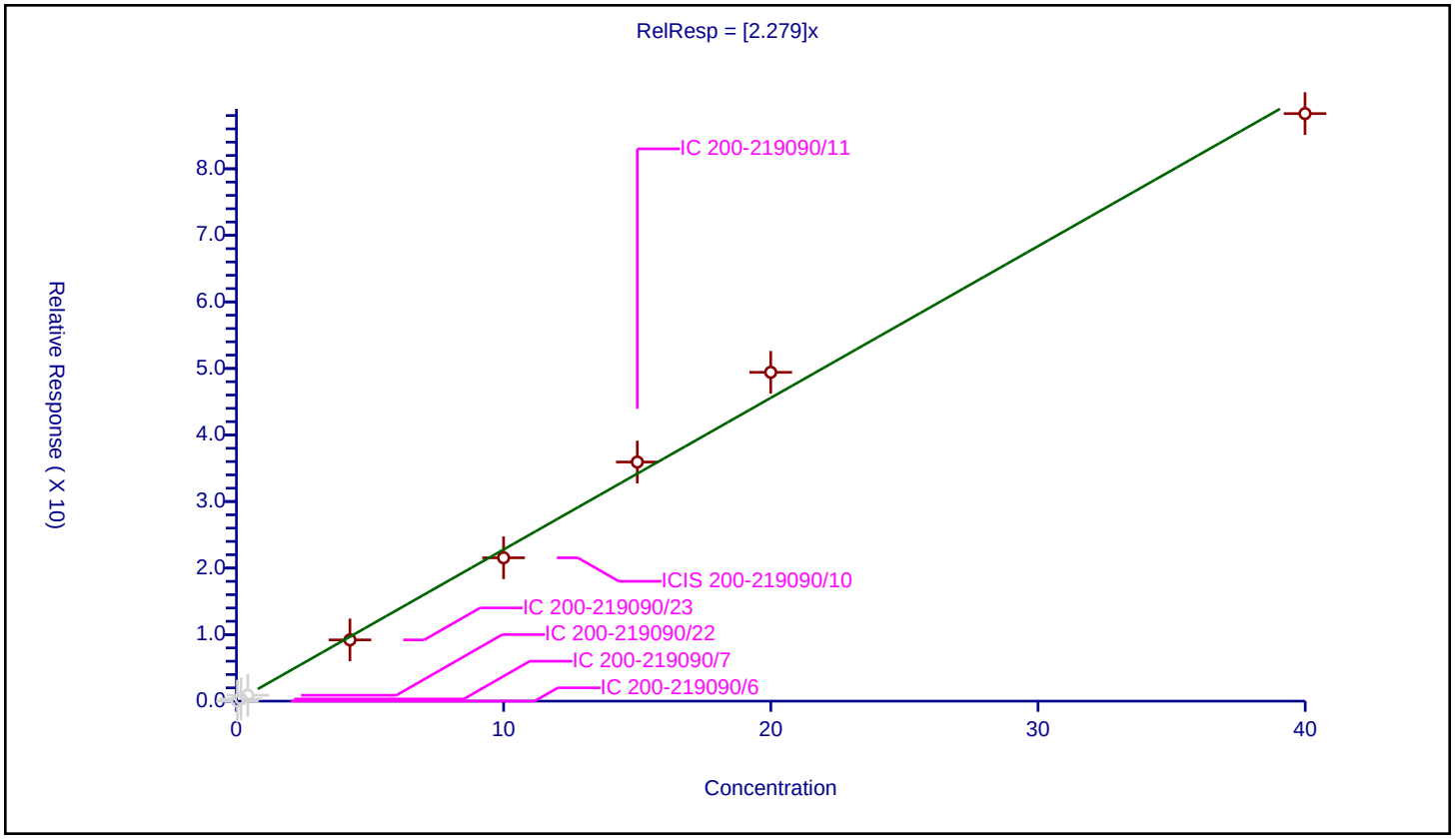
Curve Coefficients

Intercept:	0
Slope:	2.279

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	133684.0	0.0	N
2	IC 200-219090/7	0.170374	0.328451	10.0	128360.0	1.927828	N
3	IC 200-219090/22	0.425385	0.883619	10.0	118954.0	2.077223	N
4	IC 200-219090/23	4.249175	9.201913	10.0	123984.0	2.165576	Y
5	ICIS 200-219090/10	9.99806	21.543232	10.0	123345.0	2.154741	Y
6	IC 200-219090/11	15.003557	35.932526	10.0	108635.0	2.394934	Y
7	IC 200-219090/15	19.99612	49.414925	10.0	102927.0	2.471226	Y
8	IC 200-219090/16	39.99224	88.290336	10.0	119076.0	2.207687	Y



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Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

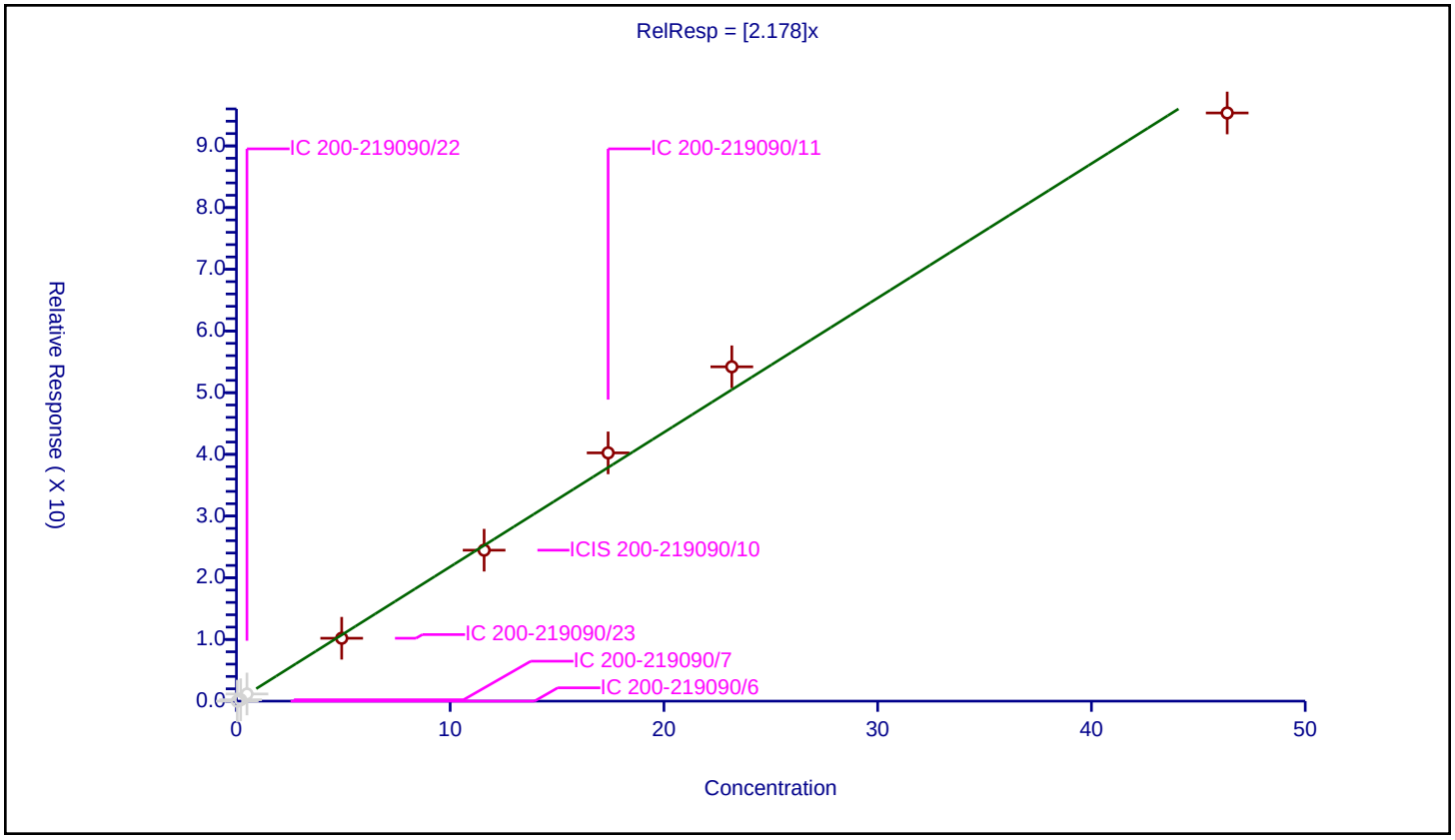
Curve Coefficients

Intercept:	0
Slope:	2.178

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.040654	0.0	10.0	133684.0	0.0	N
2	IC 200-219090/7	0.197463	0.226784	10.0	128360.0	1.148488	N
3	IC 200-219090/22	0.493021	1.157674	10.0	118954.0	2.348125	N
4	IC 200-219090/23	4.924794	10.193573	10.0	123984.0	2.069848	Y
5	ICIS 200-219090/10	11.587751	24.469253	10.0	123345.0	2.111648	Y
6	IC 200-219090/11	17.389122	40.243844	10.0	108635.0	2.314311	Y
7	IC 200-219090/15	23.175503	54.196275	10.0	102927.0	2.338516	Y
8	IC 200-219090/16	46.351006	95.338019	10.0	119076.0	2.056871	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

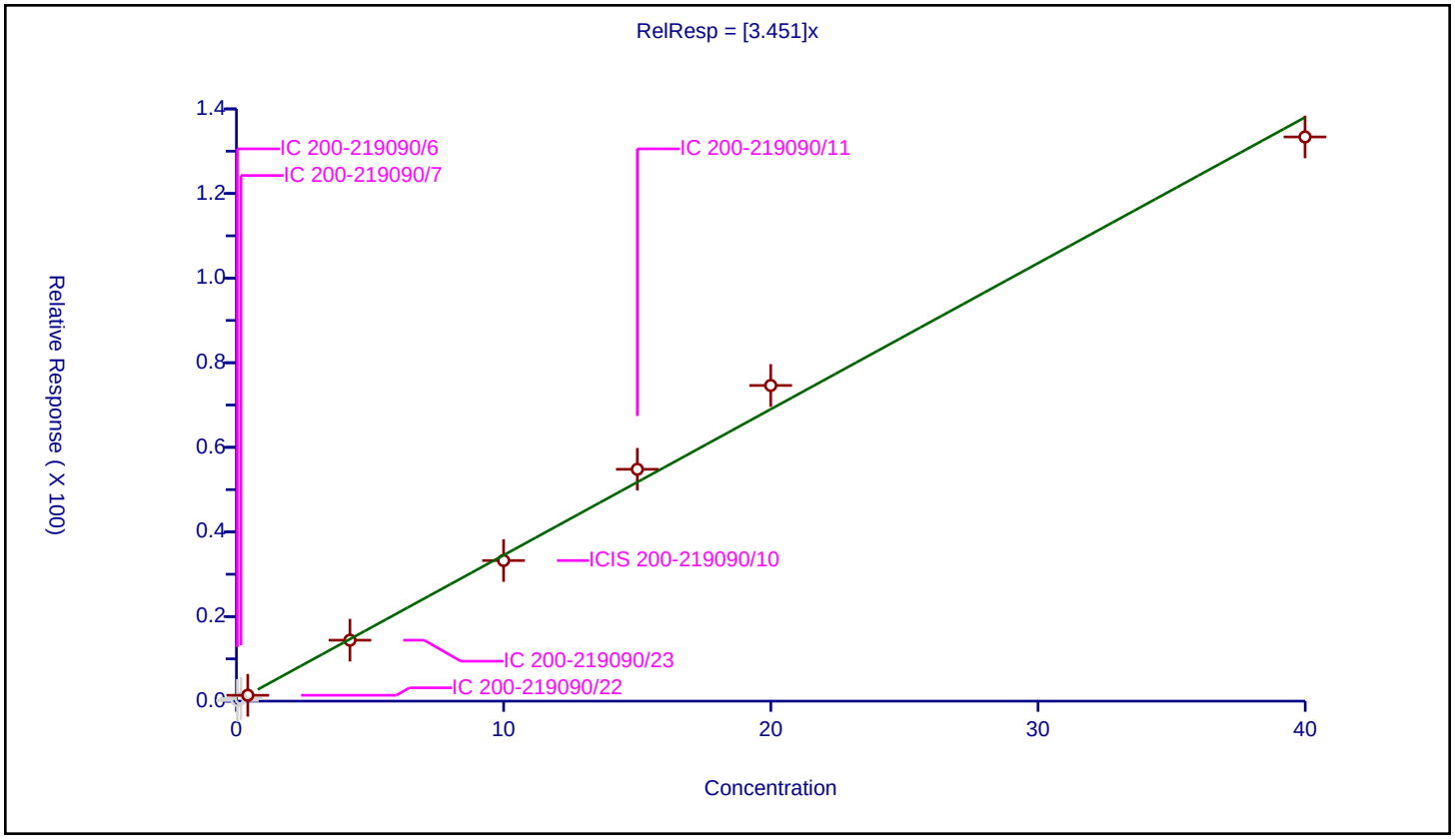
Curve Coefficients

Intercept:	0
Slope:	3.451

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.149307	10.0	133684.0	4.256566	N
2	IC 200-219090/7	0.170374	0.614833	10.0	128360.0	3.608733	N
3	IC 200-219090/22	0.425385	1.39079	10.0	118954.0	3.269487	Y
4	IC 200-219090/23	4.249175	14.405568	10.0	123984.0	3.390203	Y
5	ICIS 200-219090/10	9.99806	33.239207	10.0	123345.0	3.324566	Y
6	IC 200-219090/11	15.003557	54.81088	10.0	108635.0	3.653192	Y
7	IC 200-219090/15	19.99612	74.622402	10.0	102927.0	3.731844	Y
8	IC 200-219090/16	39.99224	133.368857	10.0	119076.0	3.334868	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

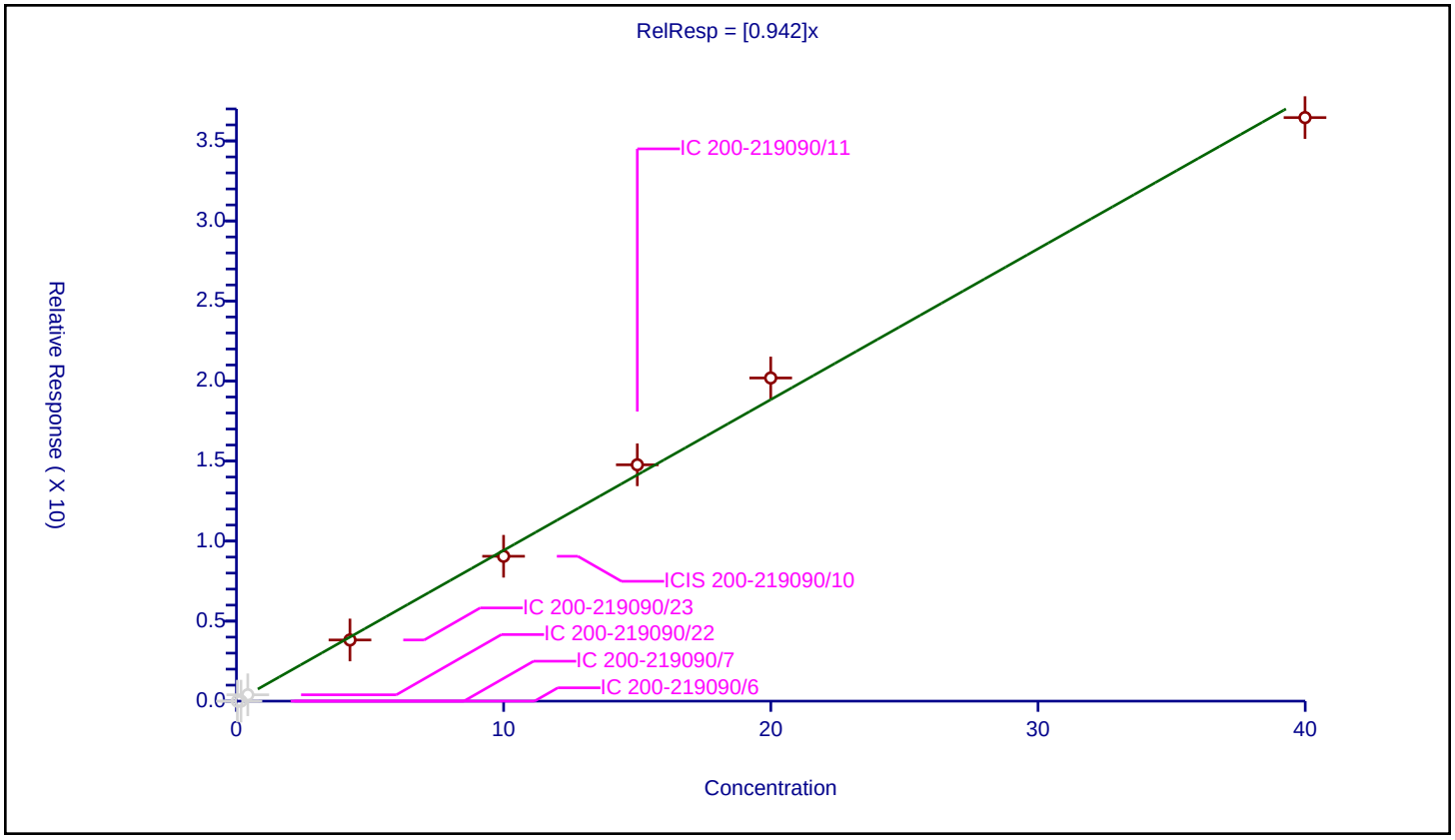
Curve Coefficients

Intercept:	0
Slope:	0.942

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	133684.0	0.0	N
2	IC 200-219090/7	0.170374	0.0	10.0	128360.0	0.0	N
3	IC 200-219090/22	0.425385	0.397212	10.0	118954.0	0.933772	N
4	IC 200-219090/23	4.249175	3.8213	10.0	123984.0	0.899304	Y
5	ICIS 200-219090/10	9.99806	9.050225	10.0	123345.0	0.905198	Y
6	IC 200-219090/11	15.003557	14.765499	10.0	108635.0	0.984133	Y
7	IC 200-219090/15	19.99612	20.18858	10.0	102927.0	1.009625	Y
8	IC 200-219090/16	39.99224	36.456549	10.0	119076.0	0.911591	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

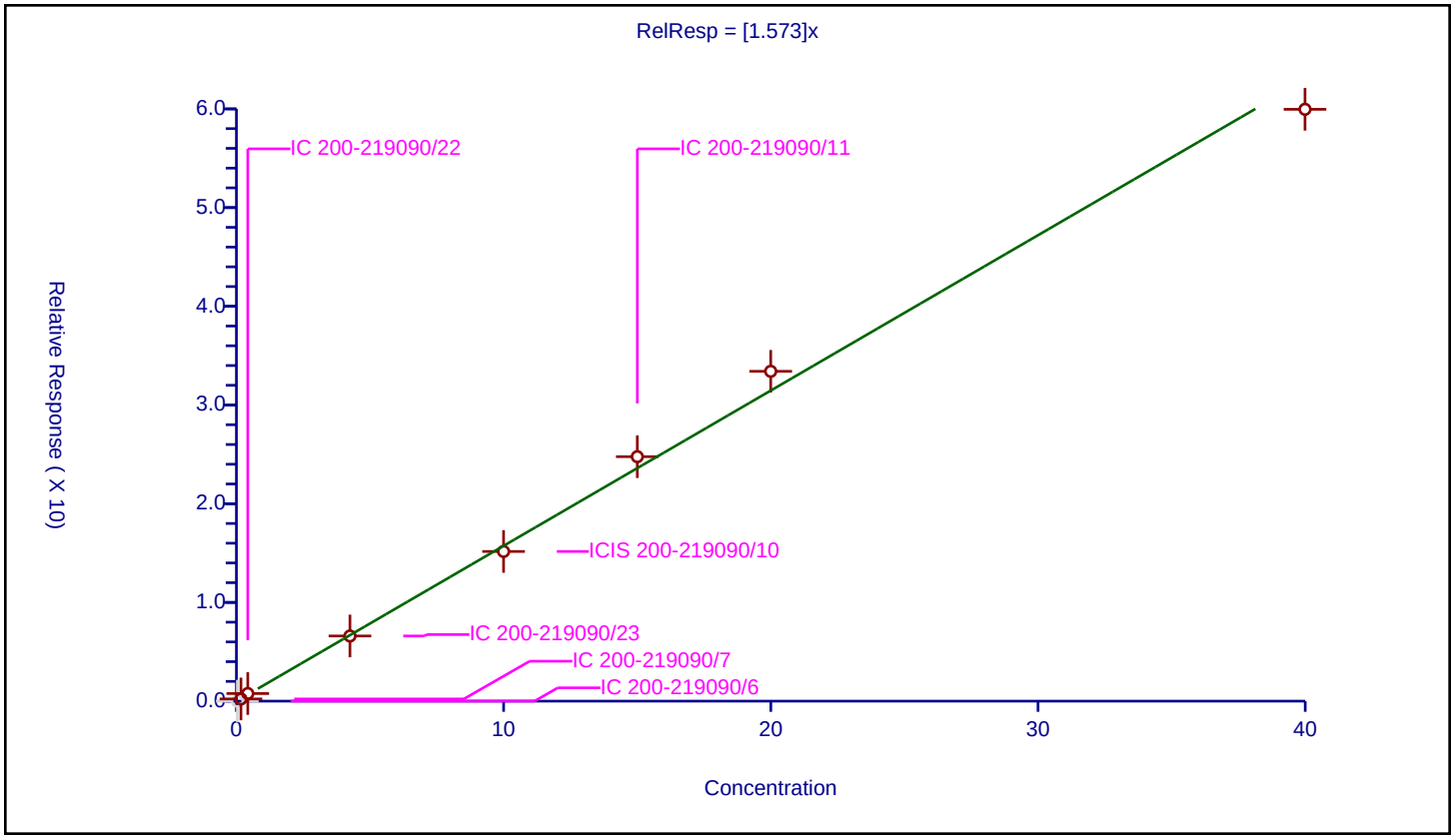
Curve Coefficients

Intercept:	0
Slope:	1.573

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	133684.0	0.0	N
2	IC 200-219090/7	0.170374	0.223902	10.0	128360.0	1.314179	Y
3	IC 200-219090/22	0.425385	0.769373	10.0	118954.0	1.808652	Y
4	IC 200-219090/23	4.249175	6.60061	10.0	123984.0	1.553386	Y
5	ICIS 200-219090/10	9.99806	15.162025	10.0	123345.0	1.516497	Y
6	IC 200-219090/11	15.003557	24.766051	10.0	108635.0	1.650679	Y
7	IC 200-219090/15	19.99612	33.412904	10.0	102927.0	1.670969	Y
8	IC 200-219090/16	39.99224	59.957926	10.0	119076.0	1.499239	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

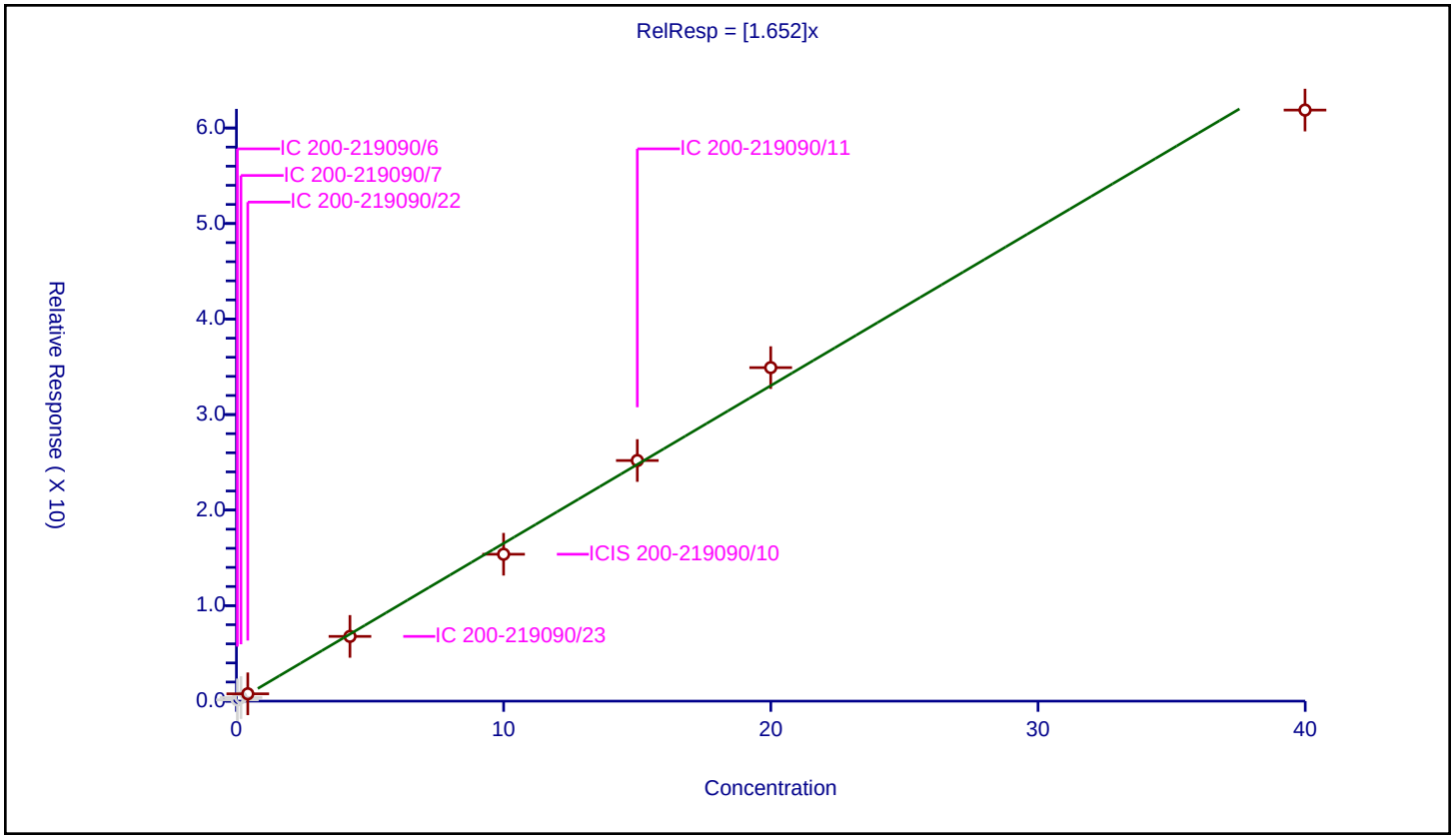
Curve Coefficients

Intercept:	0
Slope:	1.652

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.133524	10.0	133684.0	3.806598	N
2	IC 200-219090/7	0.170374	0.374649	10.0	128360.0	2.198986	N
3	IC 200-219090/22	0.425385	0.76744	10.0	118954.0	1.804107	Y
4	IC 200-219090/23	4.249175	6.777326	10.0	123984.0	1.594974	Y
5	ICIS 200-219090/10	9.99806	15.37914	10.0	123345.0	1.538212	Y
6	IC 200-219090/11	15.003557	25.189396	10.0	108635.0	1.678895	Y
7	IC 200-219090/15	19.99612	34.914648	10.0	102927.0	1.746071	Y
8	IC 200-219090/16	39.99224	61.877624	10.0	119076.0	1.547241	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

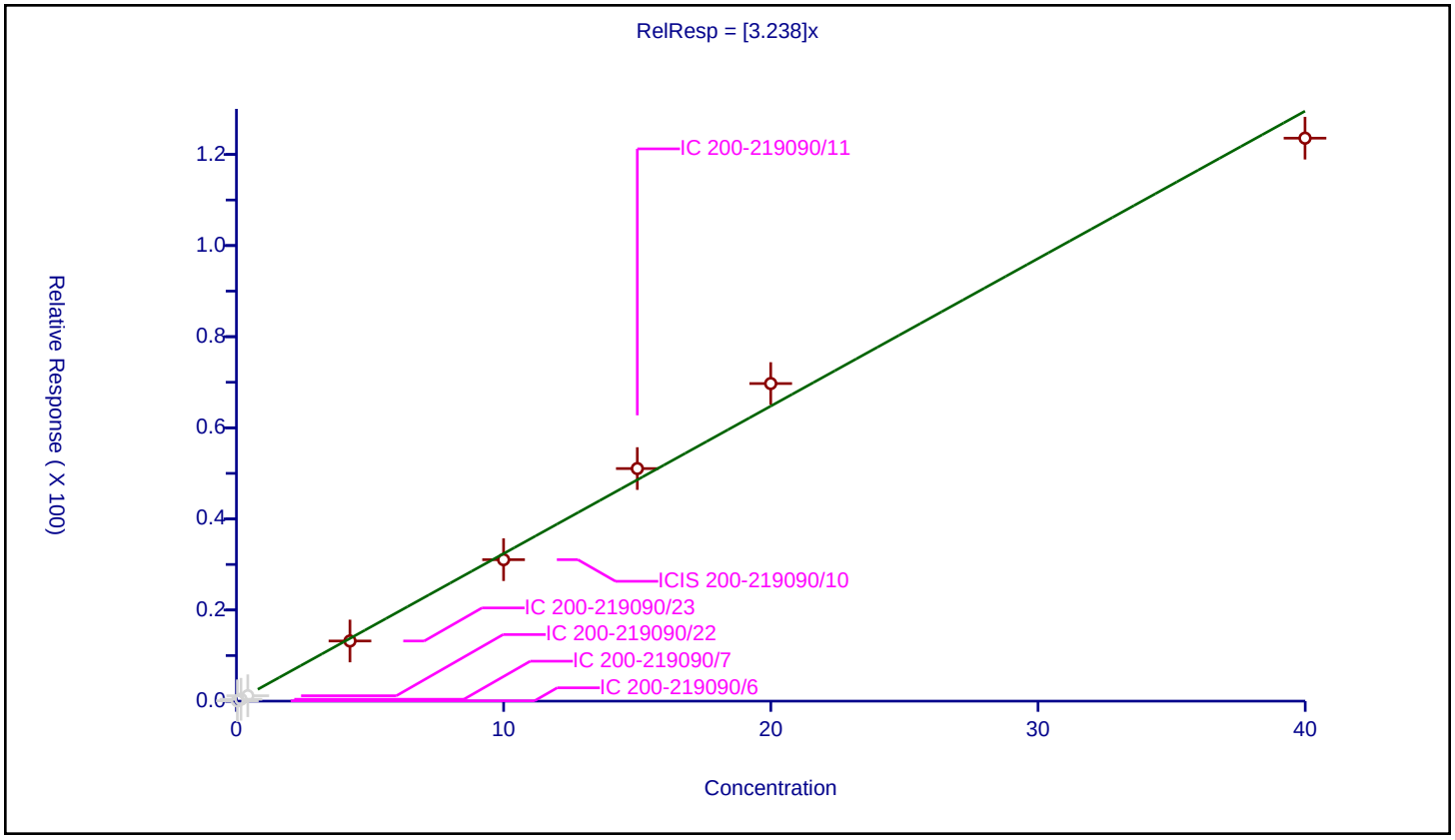
Curve Coefficients

Intercept:	0
Slope:	3.238

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.075851	10.0	133684.0	2.162404	N
2	IC 200-219090/7	0.170374	0.413602	10.0	128360.0	2.427618	N
3	IC 200-219090/22	0.425385	1.182642	10.0	118954.0	2.780171	N
4	IC 200-219090/23	4.249175	13.202349	10.0	123984.0	3.107038	Y
5	ICIS 200-219090/10	9.99806	31.051117	10.0	123345.0	3.105714	Y
6	IC 200-219090/11	15.003557	51.052239	10.0	108635.0	3.402676	Y
7	IC 200-219090/15	19.99612	69.713	10.0	102927.0	3.486326	Y
8	IC 200-219090/16	39.99224	123.57318	10.0	119076.0	3.089929	Y



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Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

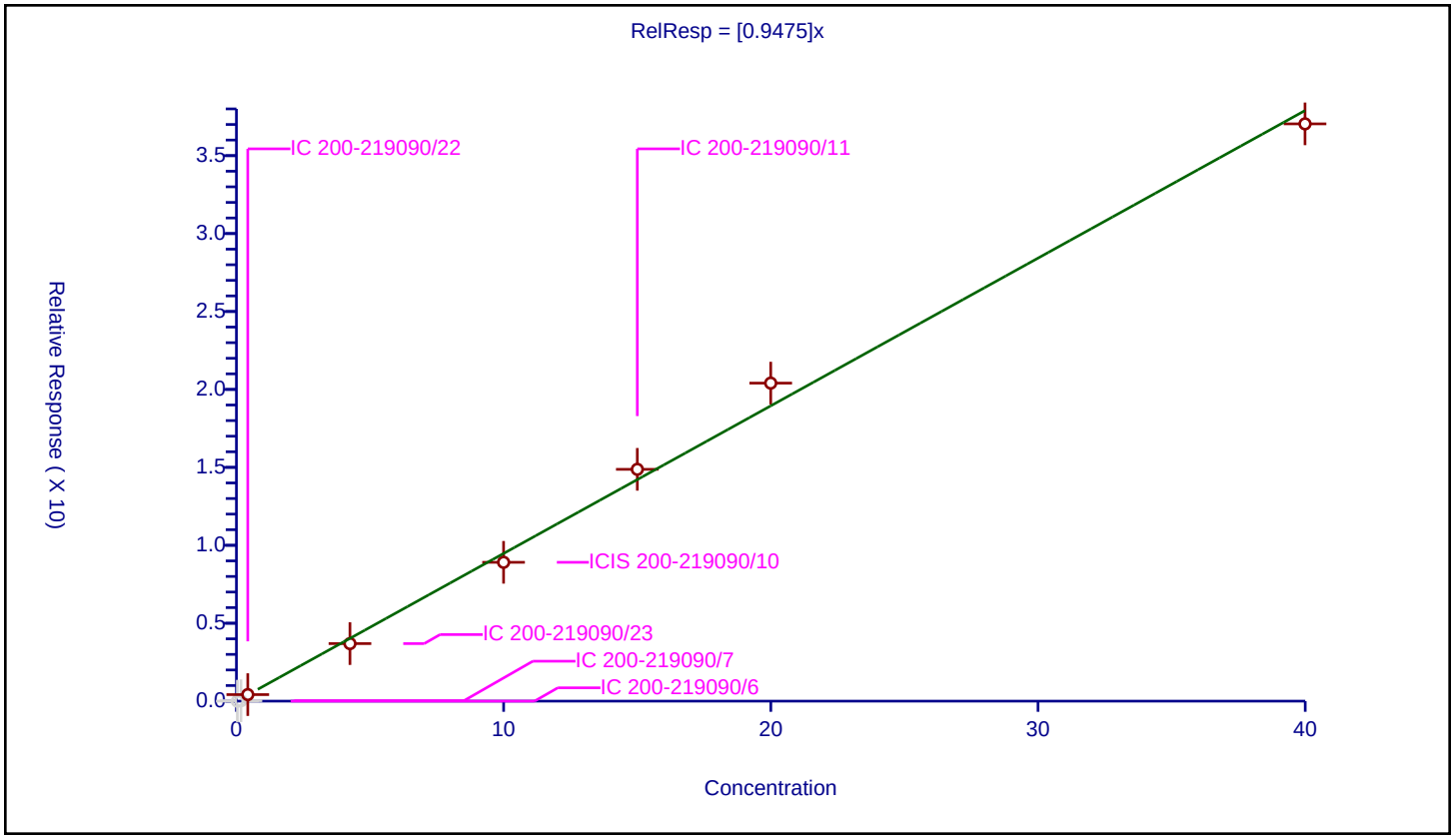
Curve Coefficients

Intercept:	0
Slope:	0.9475

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	133684.0	0.0	N
2	IC 200-219090/7	0.170374	0.026098	10.0	128360.0	0.153184	N
3	IC 200-219090/22	0.425385	0.419994	10.0	118954.0	0.987328	Y
4	IC 200-219090/23	4.249175	3.691767	10.0	123984.0	0.86882	Y
5	ICIS 200-219090/10	9.99806	8.907617	10.0	123345.0	0.890935	Y
6	IC 200-219090/11	15.003557	14.873015	10.0	108635.0	0.991299	Y
7	IC 200-219090/15	19.99612	20.404461	10.0	102927.0	1.020421	Y
8	IC 200-219090/16	39.99224	37.03937	10.0	119076.0	0.926164	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

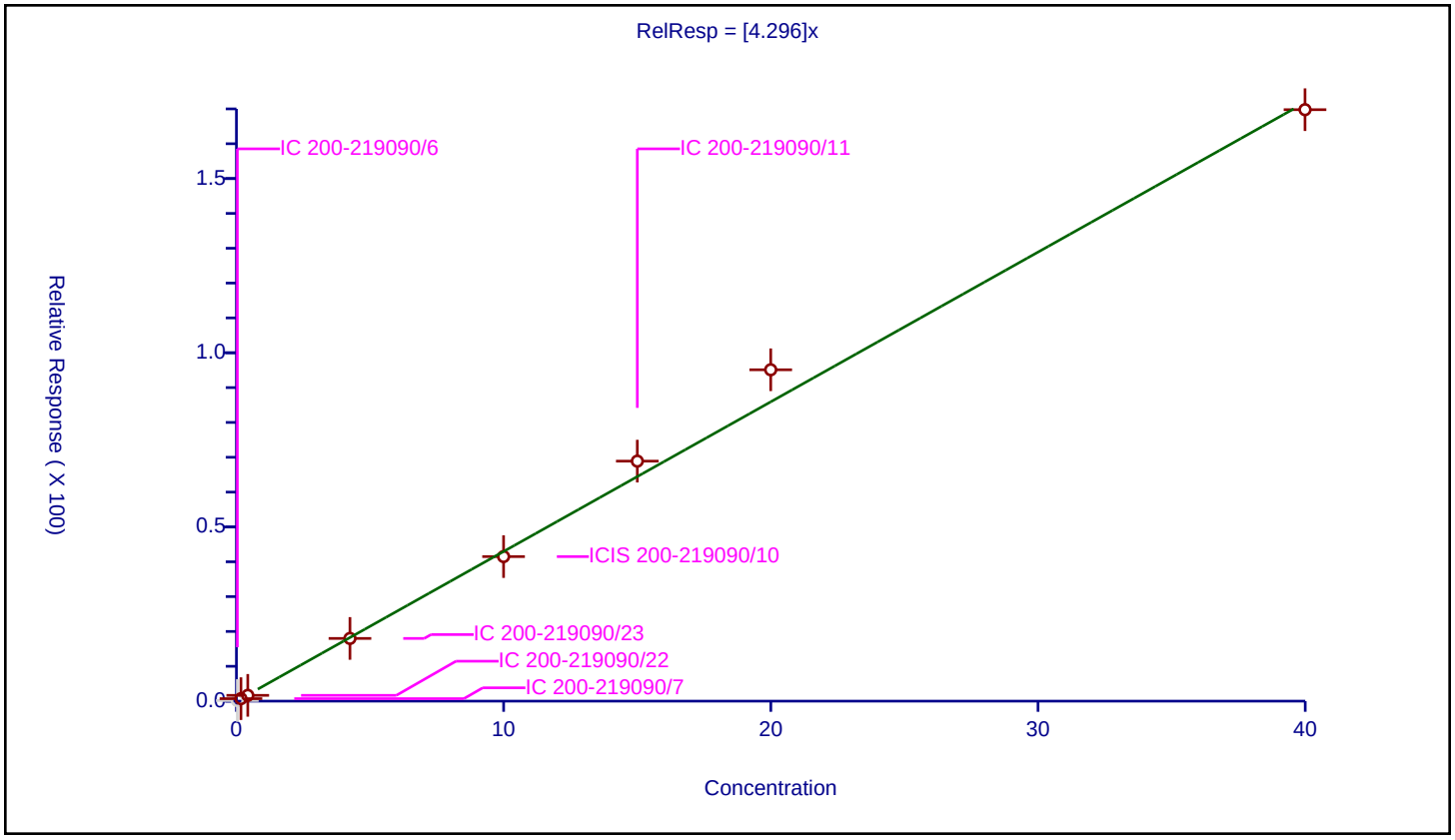
Curve Coefficients

Intercept:	0
Slope:	4.296

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.169579	10.0	133684.0	4.834487	N
2	IC 200-219090/7	0.170374	0.71393	10.0	128360.0	4.190374	Y
3	IC 200-219090/22	0.425385	1.66081	10.0	118954.0	3.904254	Y
4	IC 200-219090/23	4.249175	18.000145	10.0	123984.0	4.23615	Y
5	ICIS 200-219090/10	9.99806	41.49621	10.0	123345.0	4.150426	Y
6	IC 200-219090/11	15.003557	68.895292	10.0	108635.0	4.591931	Y
7	IC 200-219090/15	19.99612	95.113041	10.0	102927.0	4.756575	Y
8	IC 200-219090/16	39.99224	169.771742	10.0	119076.0	4.245117	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

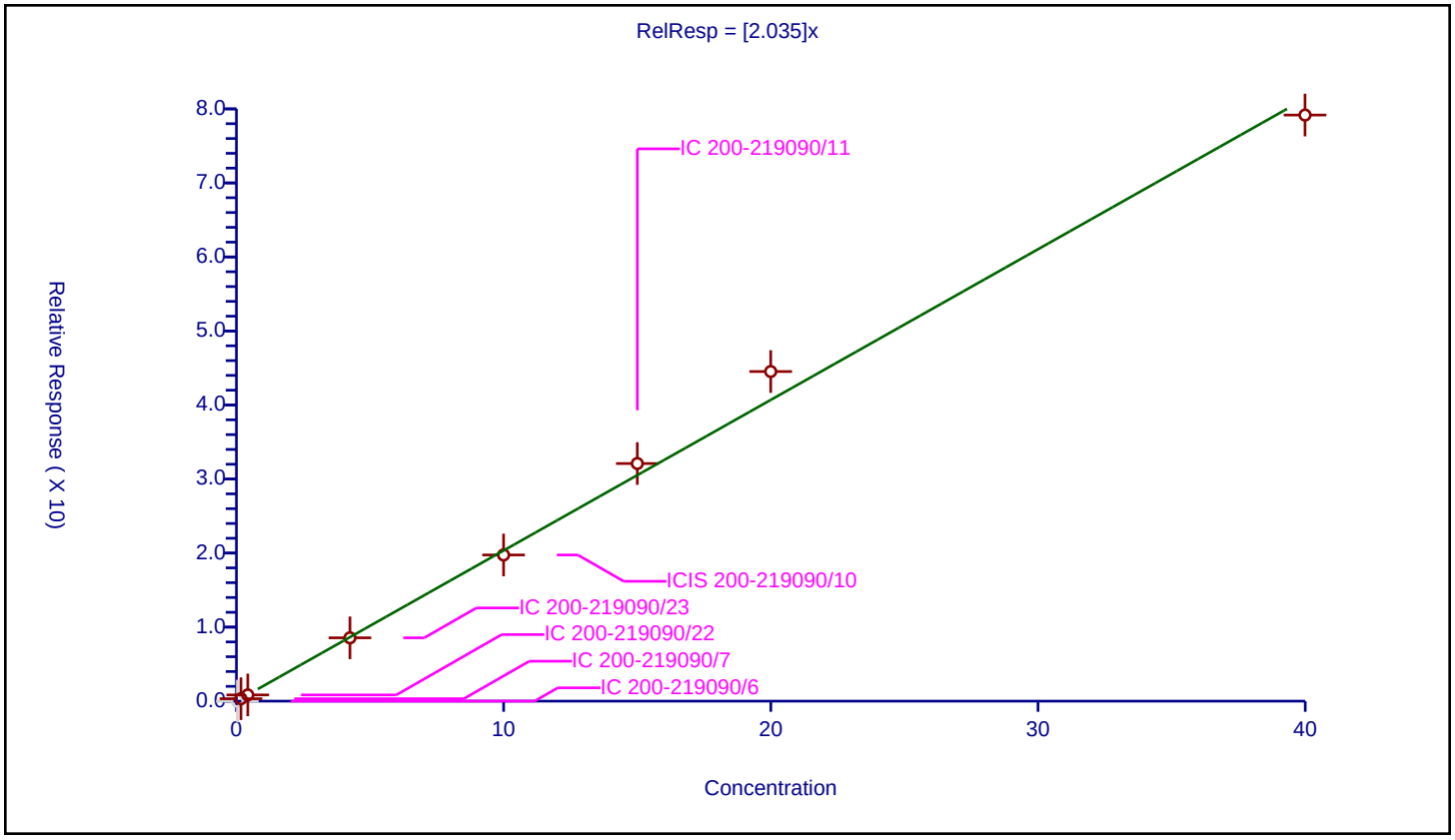
Curve Coefficients

Intercept:	0
Slope:	2.035

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	133684.0	0.0	N
2	IC 200-219090/7	0.170374	0.330321	10.0	128360.0	1.938802	Y
3	IC 200-219090/22	0.425385	0.838391	10.0	118954.0	1.970901	Y
4	IC 200-219090/23	4.249175	8.552797	10.0	123984.0	2.012813	Y
5	ICIS 200-219090/10	9.99806	19.745673	10.0	123345.0	1.97495	Y
6	IC 200-219090/11	15.003557	32.098311	10.0	108635.0	2.13938	Y
7	IC 200-219090/15	19.99612	44.523303	10.0	102927.0	2.226597	Y
8	IC 200-219090/16	39.99224	79.16801	10.0	119076.0	1.979584	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

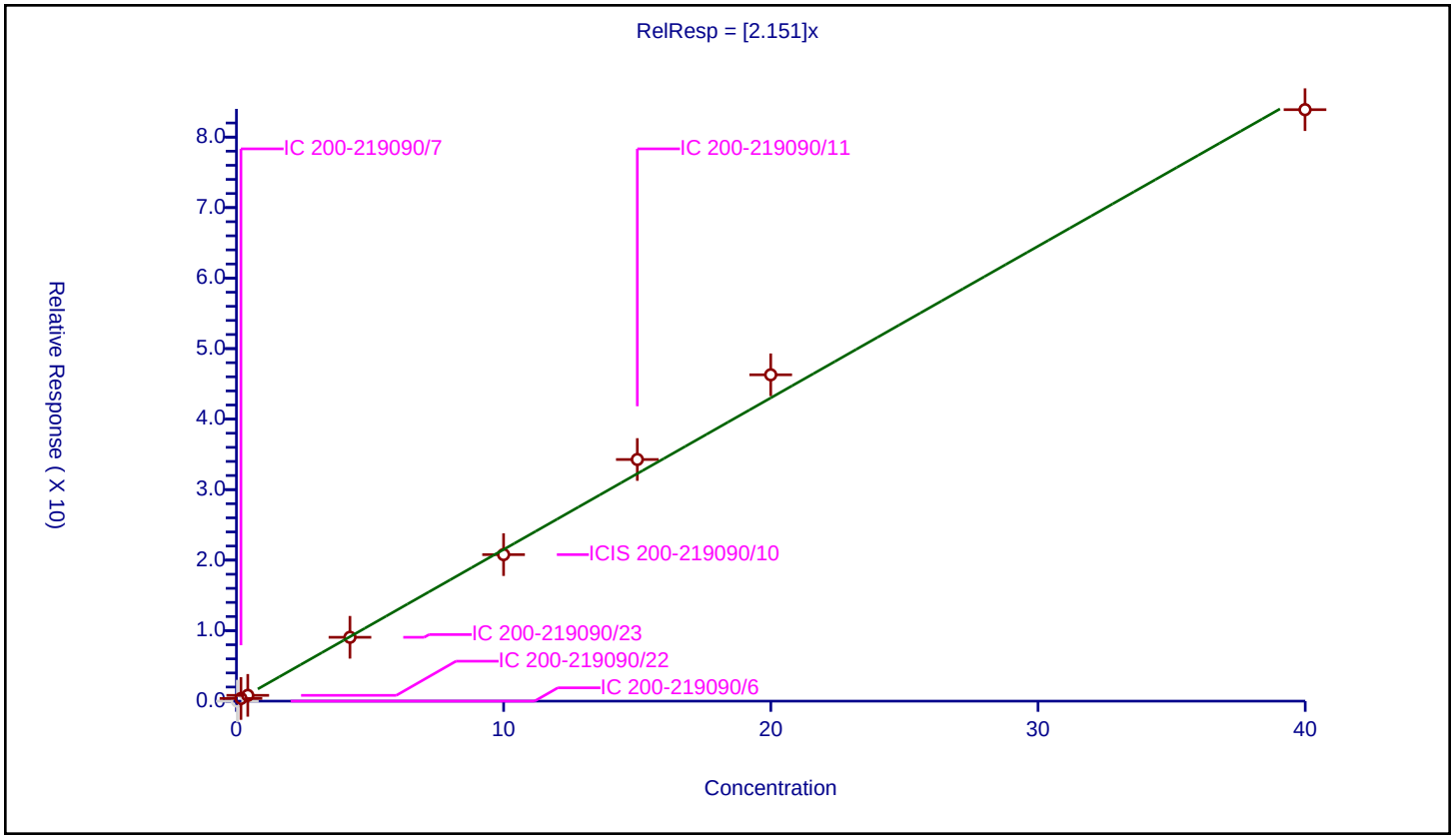
Curve Coefficients

Intercept:	0
Slope:	2.151

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	133684.0	0.0	N
2	IC 200-219090/7	0.170374	0.377532	10.0	128360.0	2.215905	Y
3	IC 200-219090/22	0.425385	0.822082	10.0	118954.0	1.932562	Y
4	IC 200-219090/23	4.249175	9.055927	10.0	123984.0	2.13122	Y
5	ICIS 200-219090/10	9.99806	20.783493	10.0	123345.0	2.078753	Y
6	IC 200-219090/11	15.003557	34.273116	10.0	108635.0	2.284333	Y
7	IC 200-219090/15	19.99612	46.288729	10.0	102927.0	2.314886	Y
8	IC 200-219090/16	39.99224	83.89096	10.0	119076.0	2.097681	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

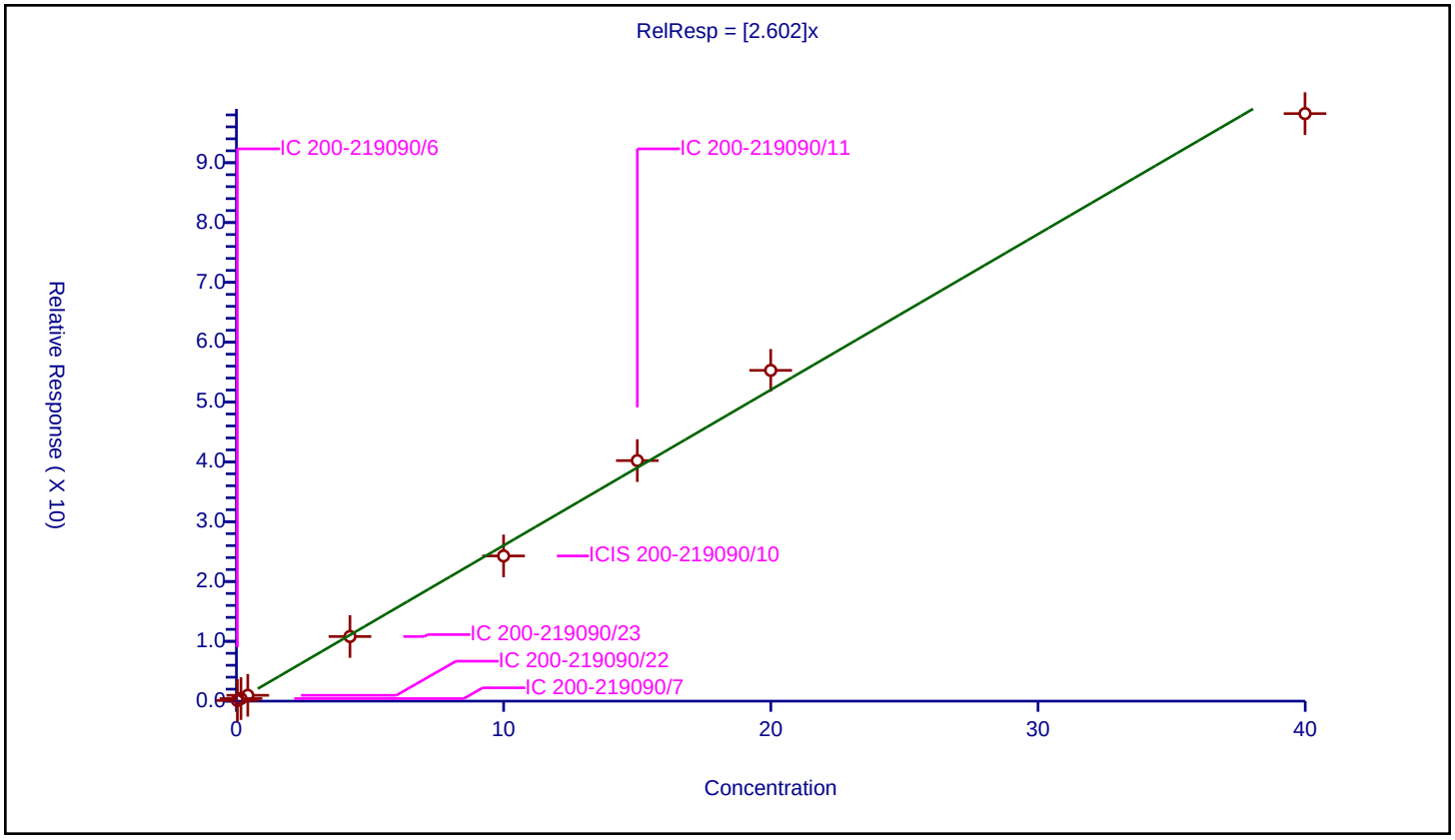
Curve Coefficients

Intercept:	0
Slope:	2.602

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.109362	10.0	133684.0	3.117785	Y
2	IC 200-219090/7	0.170374	0.431287	10.0	128360.0	2.531417	Y
3	IC 200-219090/22	0.425385	0.976848	10.0	118954.0	2.296388	Y
4	IC 200-219090/23	4.249175	10.801232	10.0	123984.0	2.54196	Y
5	ICIS 200-219090/10	9.99806	24.270785	10.0	123345.0	2.427549	Y
6	IC 200-219090/11	15.003557	40.208404	10.0	108635.0	2.679925	Y
7	IC 200-219090/15	19.99612	55.295501	10.0	102927.0	2.765312	Y
8	IC 200-219090/16	39.99224	98.210891	10.0	119076.0	2.455749	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

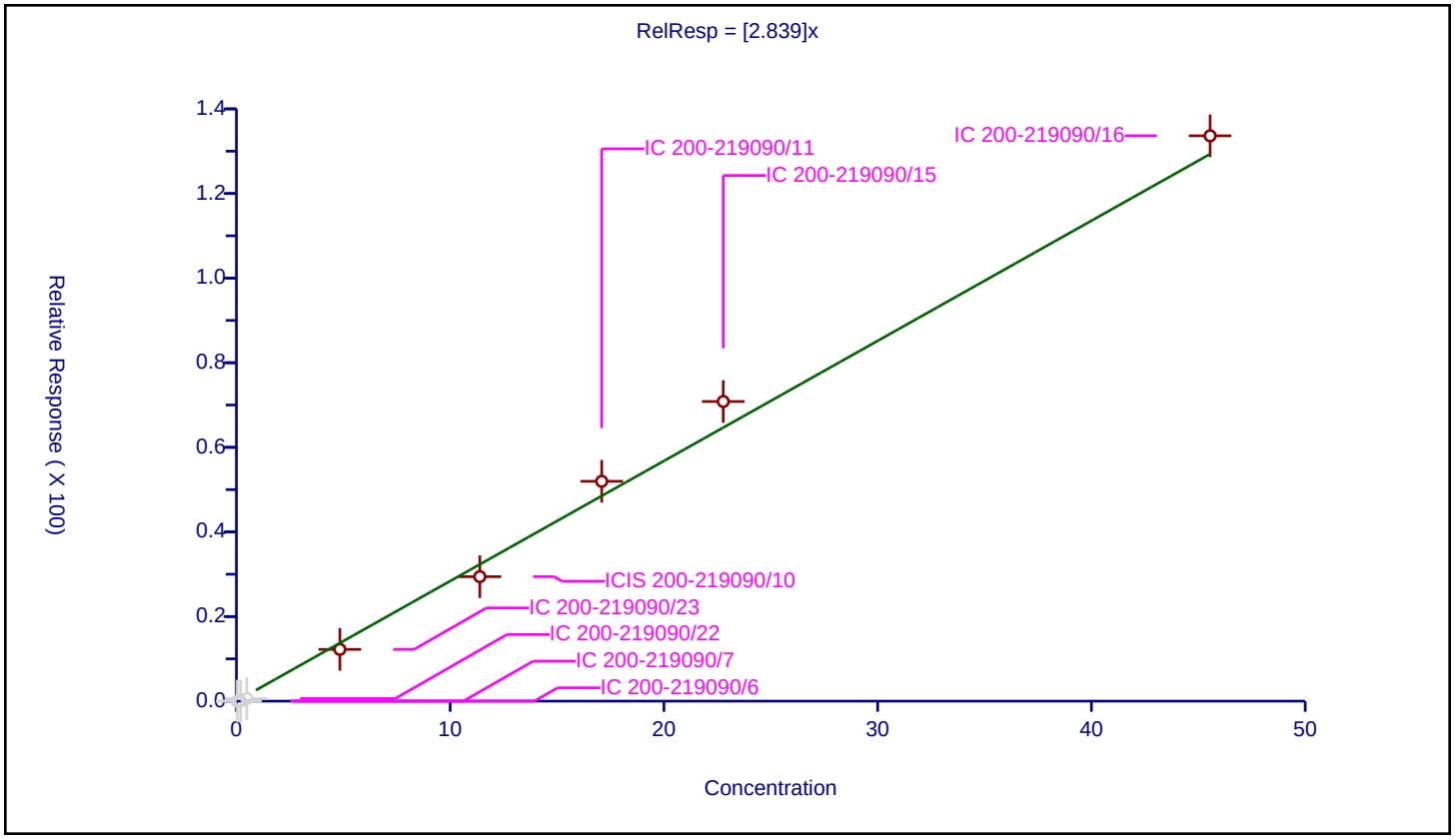
Curve Coefficients

Intercept:	0
Slope:	2.839

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.039953	0.0	10.0	133684.0	0.0	N
2	IC 200-219090/7	0.194056	0.0	10.0	128360.0	0.0	N
3	IC 200-219090/22	0.484513	0.616457	10.0	118954.0	1.272322	N
4	IC 200-219090/23	4.839811	12.232385	10.0	123984.0	2.527451	Y
5	ICIS 200-219090/10	11.38779	29.421541	10.0	123345.0	2.583604	Y
6	IC 200-219090/11	17.089051	51.962443	10.0	108635.0	3.040686	Y
7	IC 200-219090/15	22.77558	70.826897	10.0	102927.0	3.109774	Y
8	IC 200-219090/16	45.551161	133.637257	10.0	119076.0	2.933784	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

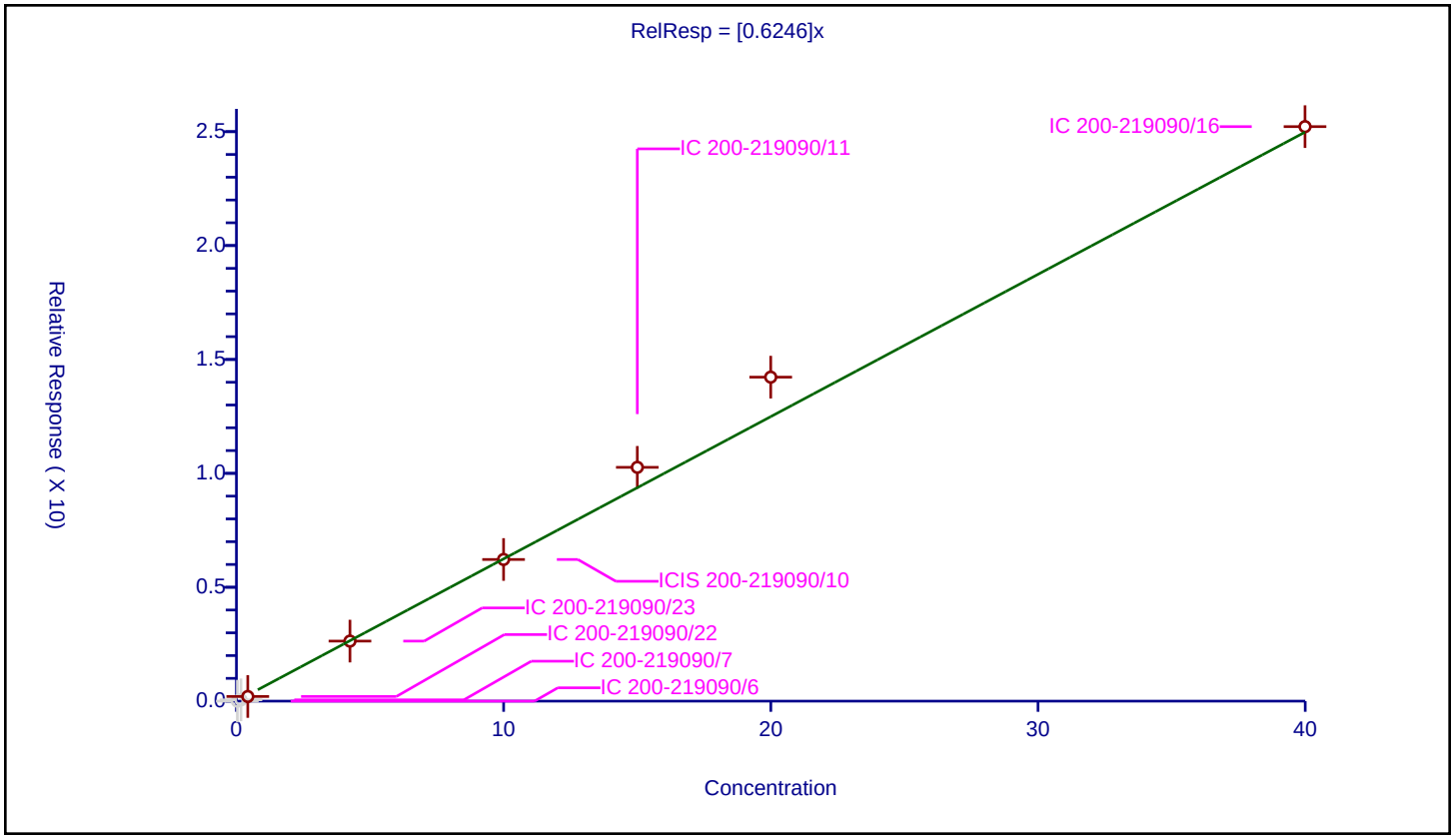
Curve Coefficients

Intercept:	0
Slope:	0.6246

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	133684.0	0.0	N
2	IC 200-219090/7	0.170374	0.057027	10.0	128360.0	0.334718	N
3	IC 200-219090/22	0.425385	0.203776	10.0	118954.0	0.47904	Y
4	IC 200-219090/23	4.249175	2.636147	10.0	123984.0	0.62039	Y
5	ICIS 200-219090/10	9.99806	6.218574	10.0	123345.0	0.621978	Y
6	IC 200-219090/11	15.003557	10.264556	10.0	108635.0	0.684141	Y
7	IC 200-219090/15	19.99612	14.223867	10.0	102927.0	0.711331	Y
8	IC 200-219090/16	39.99224	25.221791	10.0	119076.0	0.630667	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

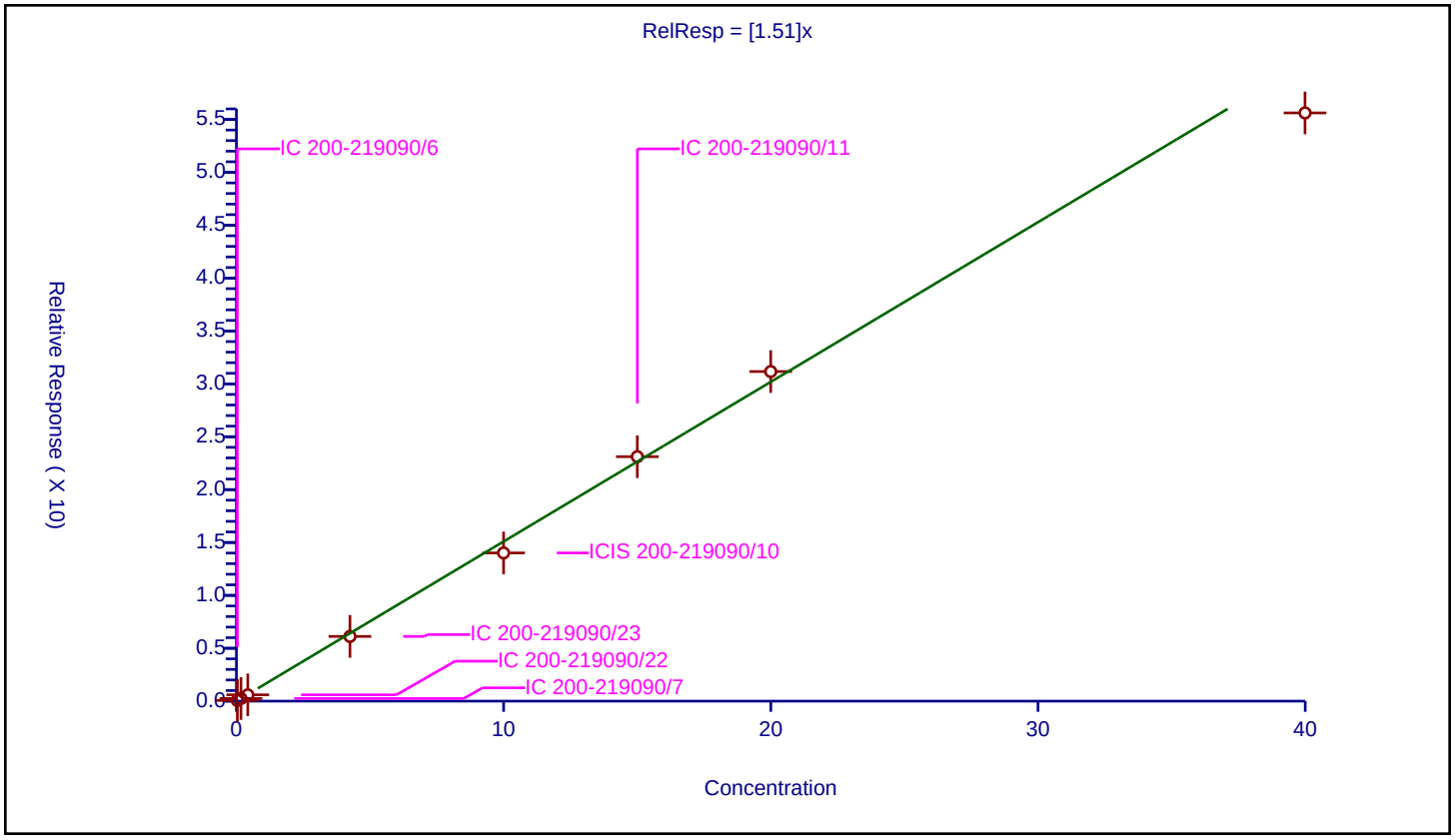
Curve Coefficients

Intercept:	0
Slope:	1.51

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.065976	10.0	133684.0	1.880907	Y
2	IC 200-219090/7	0.170374	0.24961	10.0	128360.0	1.465076	Y
3	IC 200-219090/22	0.425385	0.594936	10.0	118954.0	1.398583	Y
4	IC 200-219090/23	4.249175	6.119257	10.0	123984.0	1.440105	Y
5	ICIS 200-219090/10	9.99806	14.014593	10.0	123345.0	1.401731	Y
6	IC 200-219090/11	15.003557	23.115018	10.0	108635.0	1.540636	Y
7	IC 200-219090/15	19.99612	31.165972	10.0	102927.0	1.558601	Y
8	IC 200-219090/16	39.99224	55.618932	10.0	119076.0	1.390743	Y



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Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

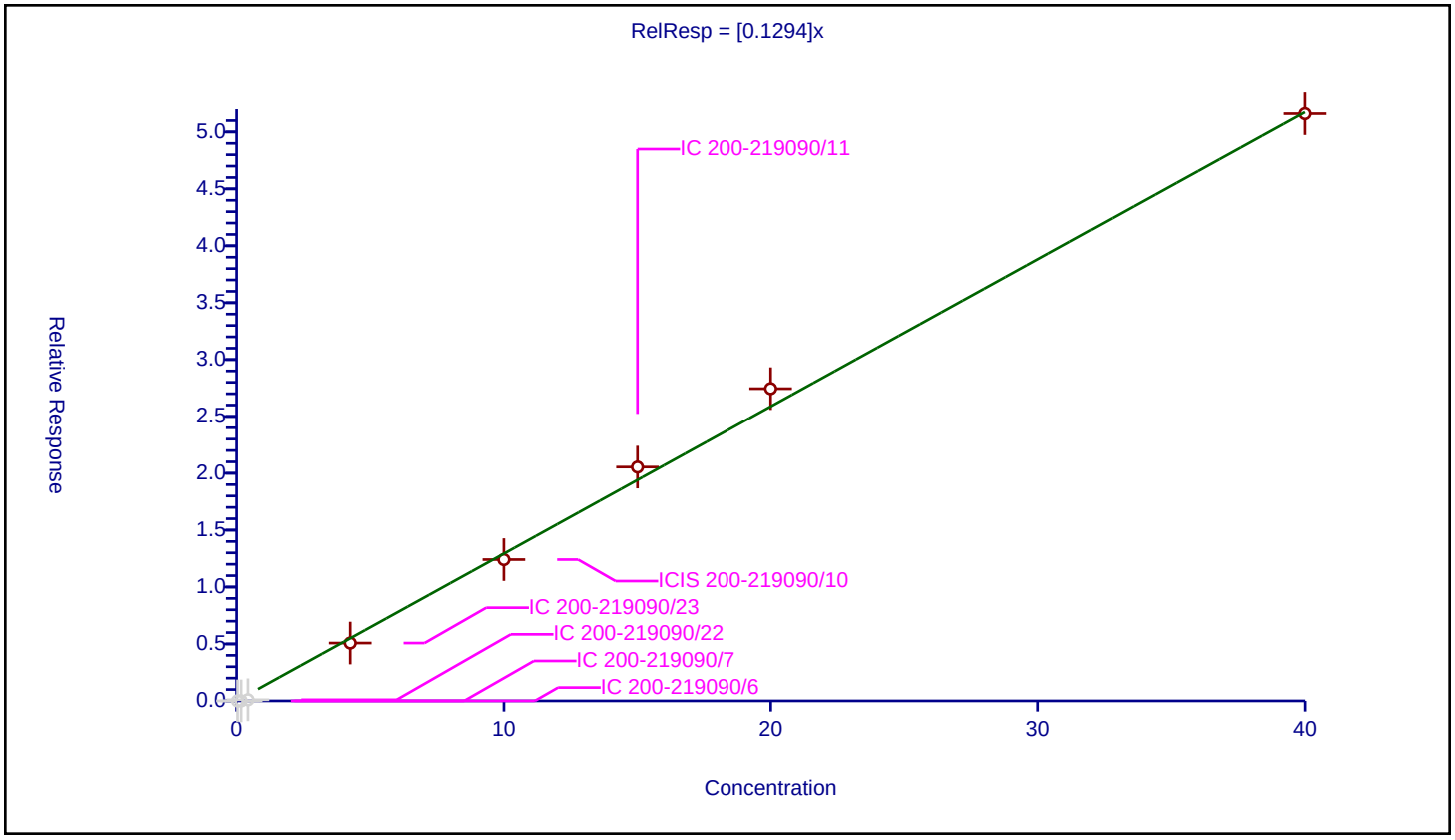
Curve Coefficients

Intercept:	0
Slope:	0.1294

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	133684.0	0.0	N
2	IC 200-219090/7	0.170374	0.0	10.0	128360.0	0.0	N
3	IC 200-219090/22	0.425385	0.009836	10.0	118954.0	0.023122	N
4	IC 200-219090/23	4.249175	0.507969	10.0	123984.0	0.119545	Y
5	ICIS 200-219090/10	9.99806	1.241234	10.0	123345.0	0.124147	Y
6	IC 200-219090/11	15.003557	2.054402	10.0	108635.0	0.136928	Y
7	IC 200-219090/15	19.99612	2.744275	10.0	102927.0	0.13724	Y
8	IC 200-219090/16	39.99224	5.16099	10.0	119076.0	0.12905	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

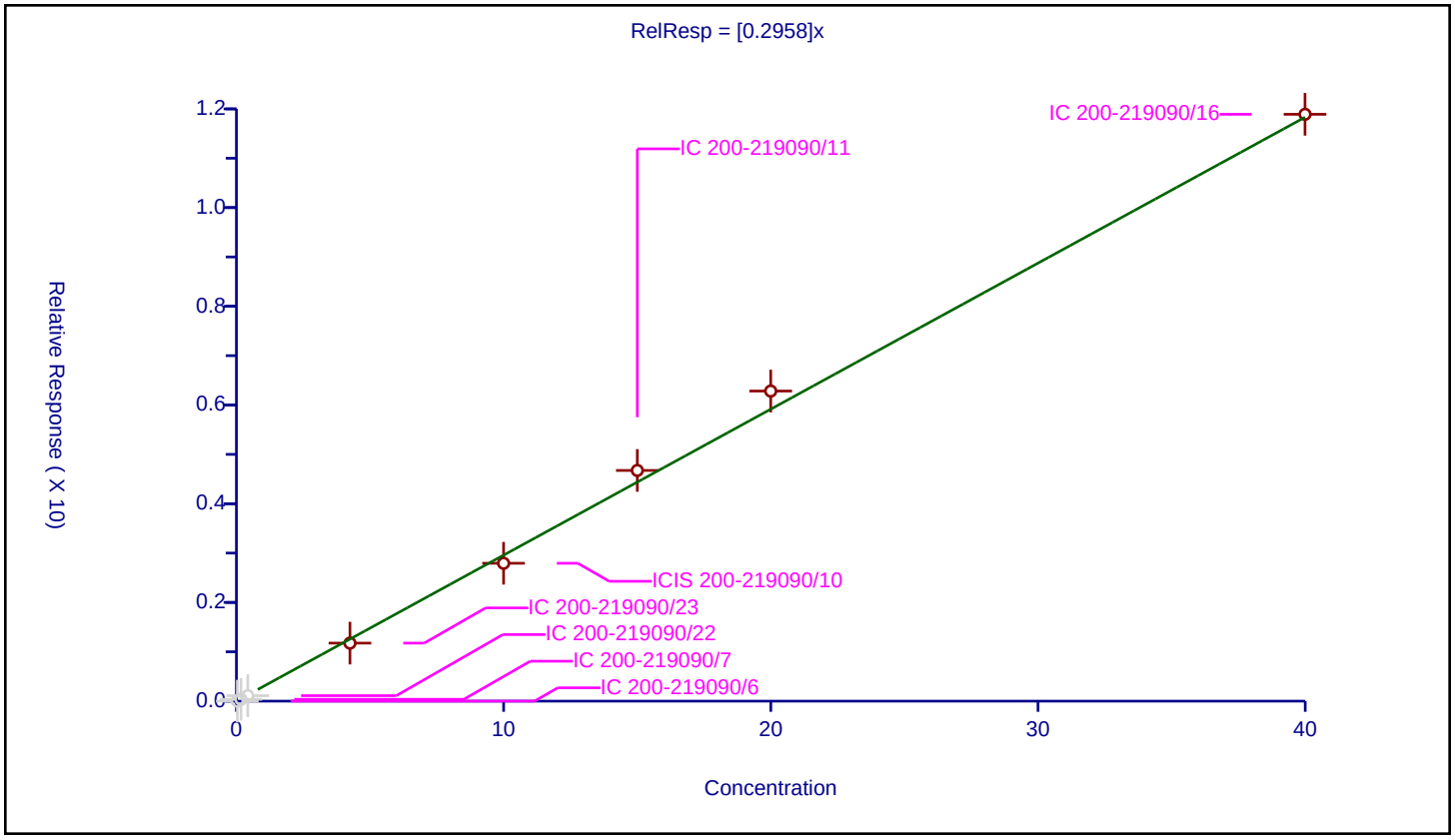
Curve Coefficients

Intercept:	0
Slope:	0.2958

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	700460.0	0.0	N
2	IC 200-219090/7	0.170374	0.037728	10.0	672980.0	0.221441	N
3	IC 200-219090/22	0.425385	0.111085	10.0	628979.0	0.26114	N
4	IC 200-219090/23	4.249175	1.175585	10.0	653496.0	0.276662	Y
5	ICIS 200-219090/10	9.99806	2.793504	10.0	640715.0	0.279405	Y
6	IC 200-219090/11	15.003557	4.67438	10.0	556339.0	0.311551	Y
7	IC 200-219090/15	19.99612	6.282856	10.0	534491.0	0.314204	Y
8	IC 200-219090/16	39.99224	11.890453	10.0	578729.0	0.297319	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

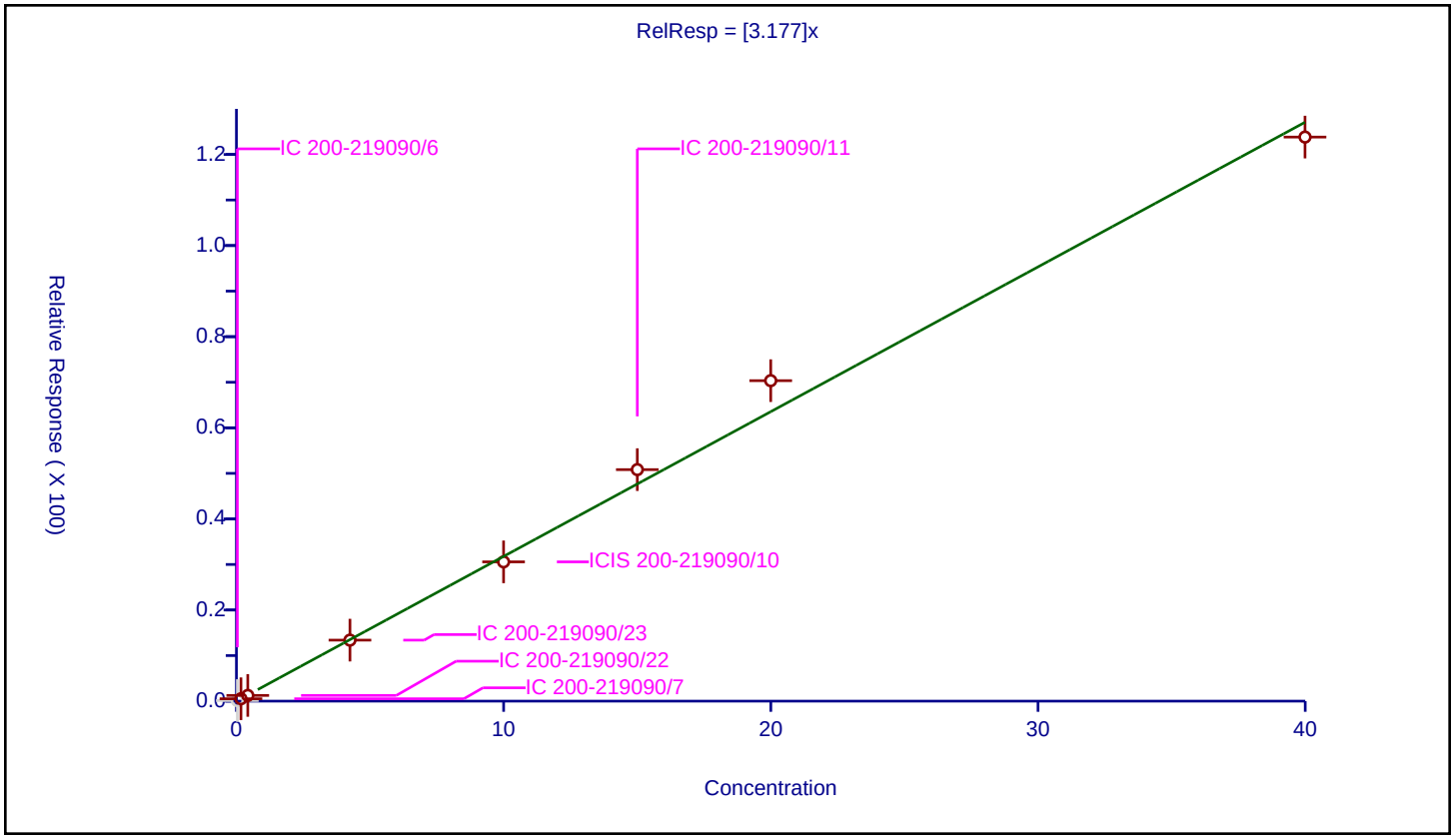
Curve Coefficients

Intercept:	0
Slope:	3.177

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.1235	10.0	133684.0	3.520837	N
2	IC 200-219090/7	0.170374	0.524385	10.0	128360.0	3.077849	Y
3	IC 200-219090/22	0.425385	1.256116	10.0	118954.0	2.952894	Y
4	IC 200-219090/23	4.249175	13.391405	10.0	123984.0	3.15153	Y
5	ICIS 200-219090/10	9.99806	30.571811	10.0	123345.0	3.057774	Y
6	IC 200-219090/11	15.003557	50.817876	10.0	108635.0	3.387055	Y
7	IC 200-219090/15	19.99612	70.345876	10.0	102927.0	3.517976	Y
8	IC 200-219090/16	39.99224	123.813447	10.0	119076.0	3.095937	Y



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Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

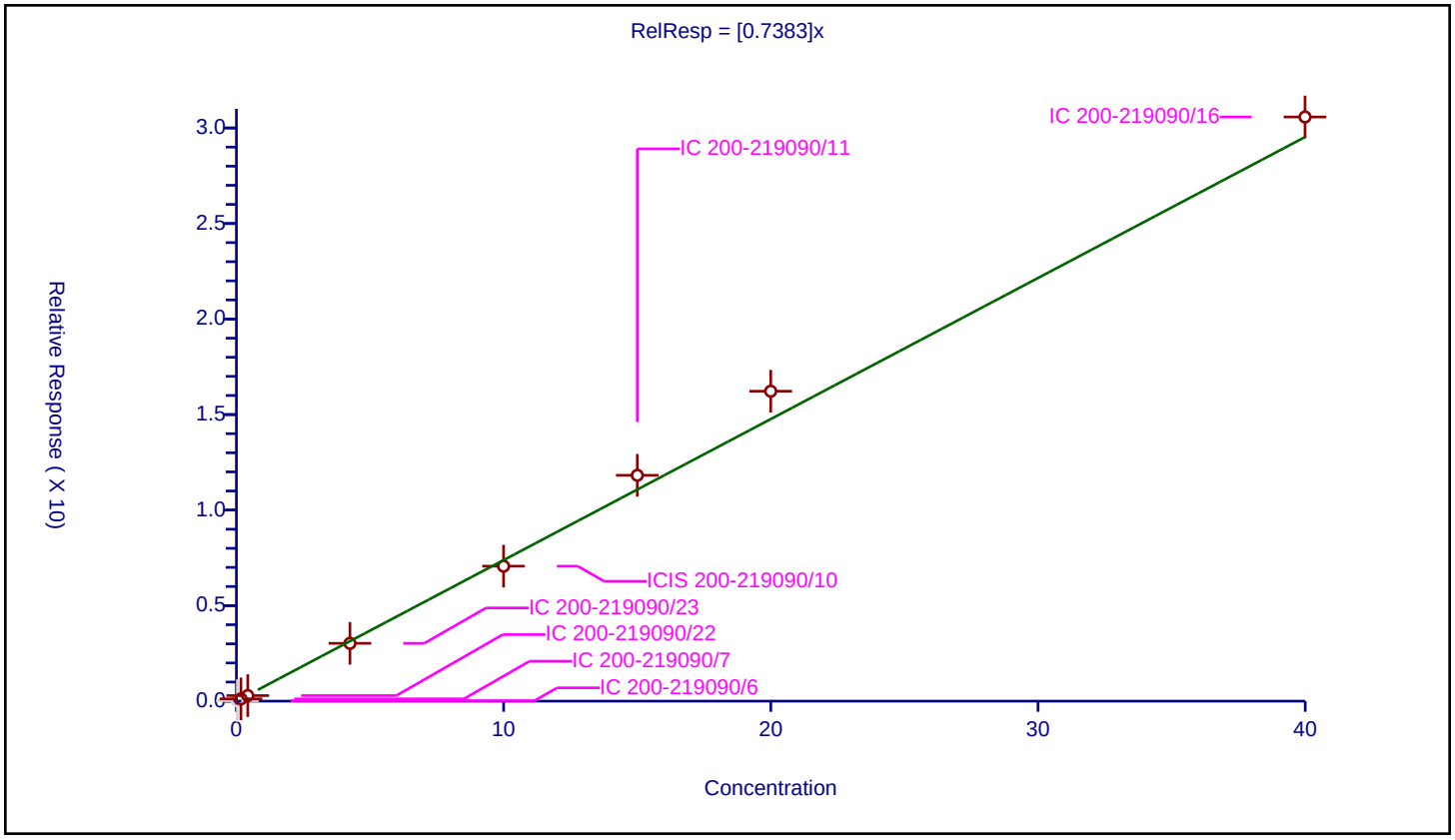
Curve Coefficients

Intercept:	0
Slope:	0.7383

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.021315	10.0	700460.0	0.607652	N
2	IC 200-219090/7	0.170374	0.119409	10.0	672980.0	0.700866	Y
3	IC 200-219090/22	0.425385	0.291266	10.0	628979.0	0.684711	Y
4	IC 200-219090/23	4.249175	3.025604	10.0	653496.0	0.712045	Y
5	ICIS 200-219090/10	9.99806	7.063968	10.0	640715.0	0.706534	Y
6	IC 200-219090/11	15.003557	11.821695	10.0	556339.0	0.787926	Y
7	IC 200-219090/15	19.99612	16.222892	10.0	534491.0	0.811302	Y
8	IC 200-219090/16	39.99224	30.576038	10.0	578729.0	0.764549	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

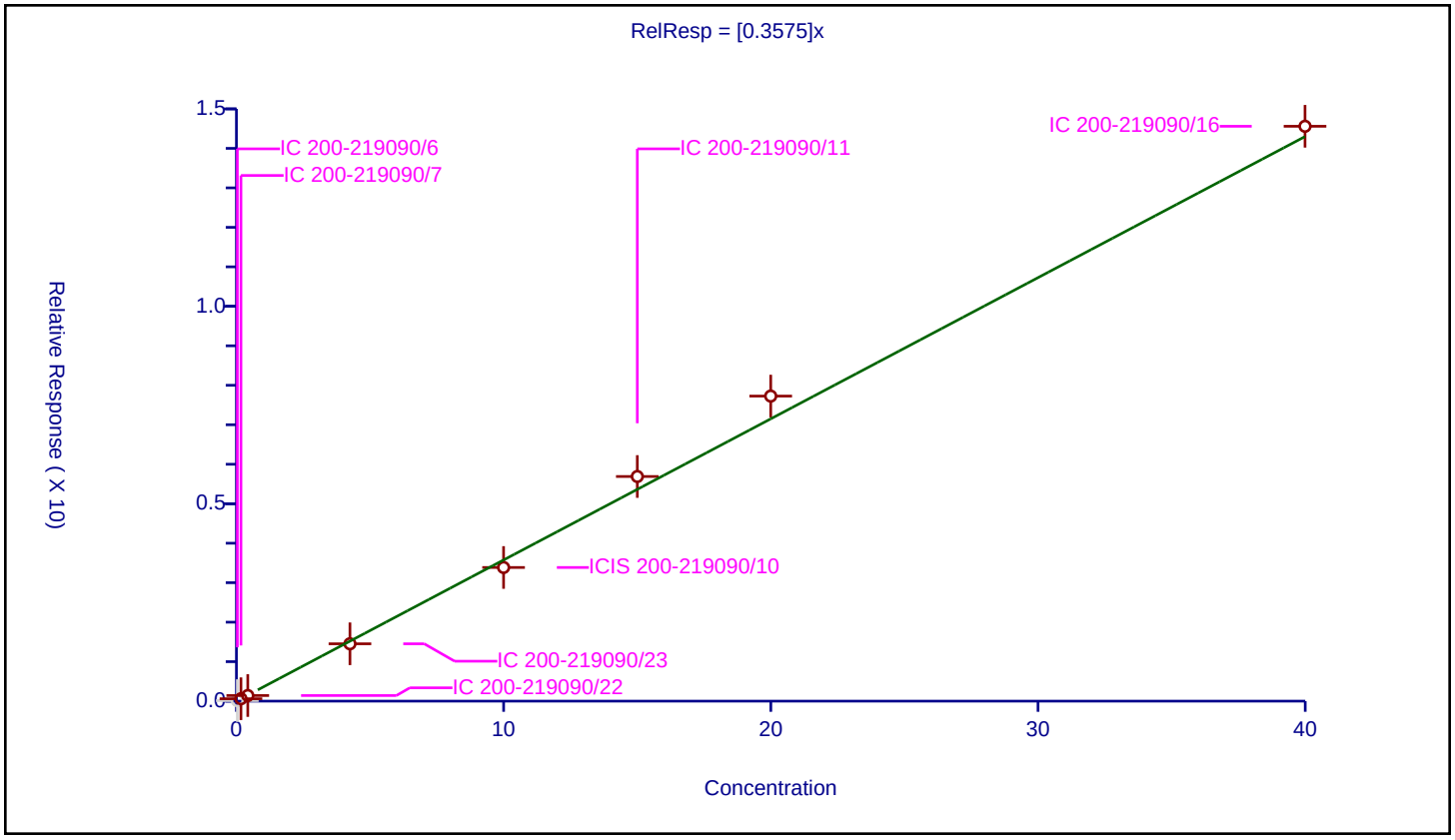
Curve Coefficients

Intercept:	0
Slope:	0.3575

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.012892	10.0	700460.0	0.367521	N
2	IC 200-219090/7	0.170374	0.061012	10.0	672980.0	0.358108	Y
3	IC 200-219090/22	0.425385	0.142278	10.0	628979.0	0.334469	Y
4	IC 200-219090/23	4.249175	1.452847	10.0	653496.0	0.341913	Y
5	ICIS 200-219090/10	9.99806	3.385093	10.0	640715.0	0.338575	Y
6	IC 200-219090/11	15.003557	5.689642	10.0	556339.0	0.37922	Y
7	IC 200-219090/15	19.99612	7.725911	10.0	534491.0	0.386371	Y
8	IC 200-219090/16	39.99224	14.559405	10.0	578729.0	0.364056	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

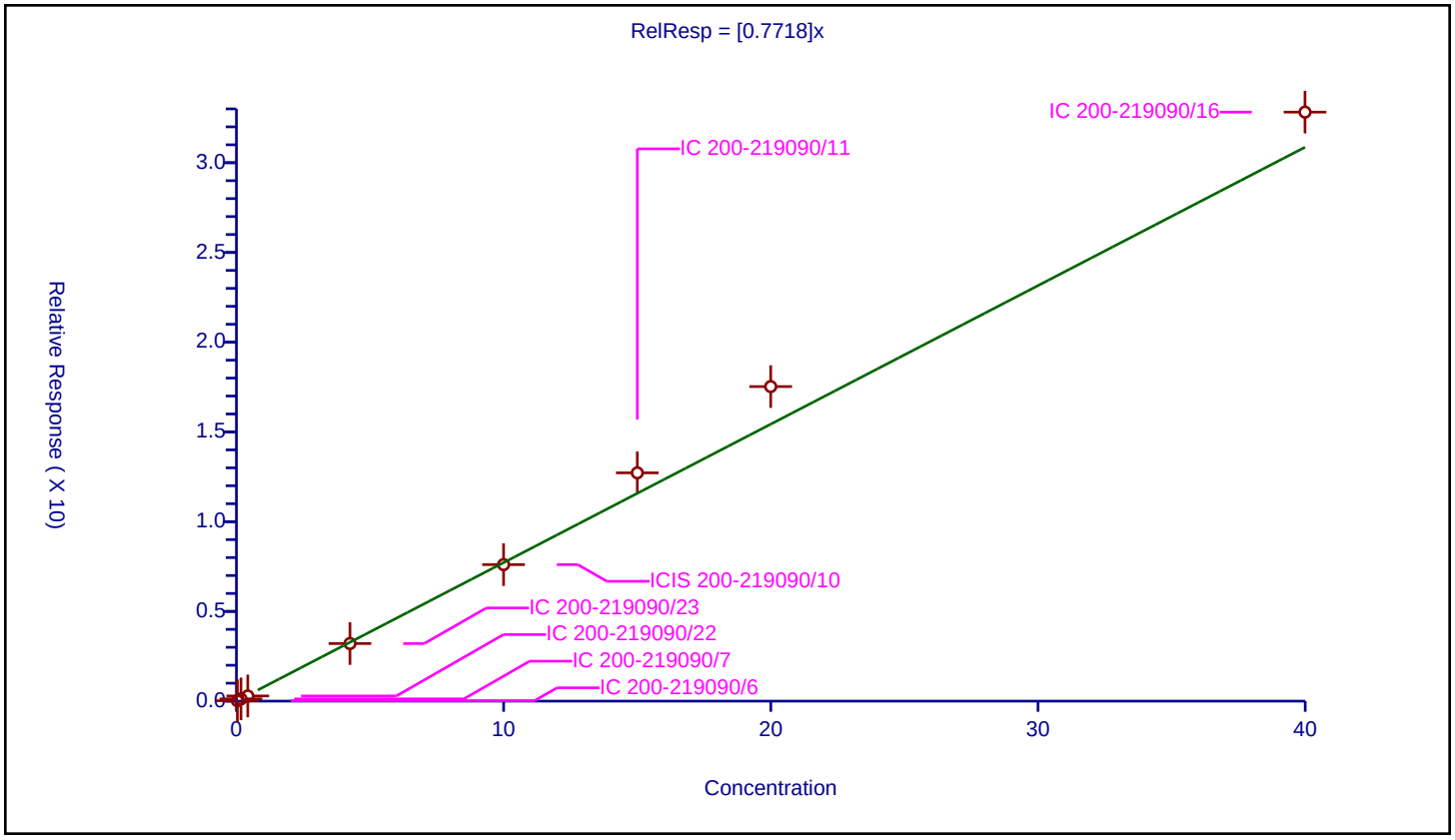
Curve Coefficients

Intercept:	0
Slope:	0.7718

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.024712	10.0	700460.0	0.704518	Y
2	IC 200-219090/7	0.170374	0.124655	10.0	672980.0	0.731653	Y
3	IC 200-219090/22	0.425385	0.288022	10.0	628979.0	0.677087	Y
4	IC 200-219090/23	4.249175	3.208803	10.0	653496.0	0.755159	Y
5	ICIS 200-219090/10	9.99806	7.60683	10.0	640715.0	0.760831	Y
6	IC 200-219090/11	15.003557	12.720284	10.0	556339.0	0.847818	Y
7	IC 200-219090/15	19.99612	17.526694	10.0	534491.0	0.876505	Y
8	IC 200-219090/16	39.99224	32.819921	10.0	578729.0	0.820657	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

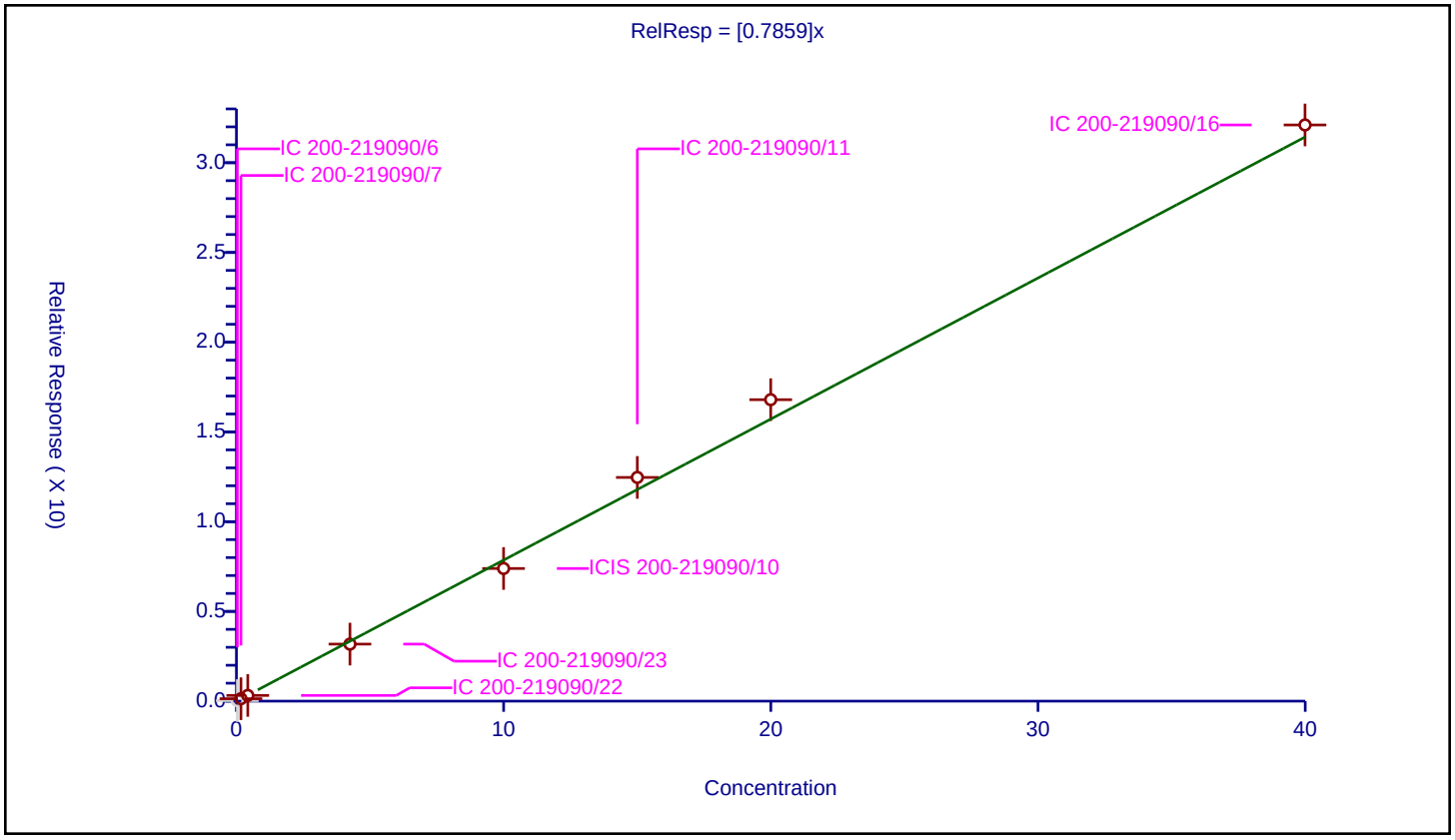
Curve Coefficients

Intercept:	0
Slope:	0.7859

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.029124	10.0	700460.0	0.830281	N
2	IC 200-219090/7	0.170374	0.135086	10.0	672980.0	0.792879	Y
3	IC 200-219090/22	0.425385	0.317976	10.0	628979.0	0.747501	Y
4	IC 200-219090/23	4.249175	3.17852	10.0	653496.0	0.748032	Y
5	ICIS 200-219090/10	9.99806	7.391633	10.0	640715.0	0.739307	Y
6	IC 200-219090/11	15.003557	12.465439	10.0	556339.0	0.830832	Y
7	IC 200-219090/15	19.99612	16.797196	10.0	534491.0	0.840023	Y
8	IC 200-219090/16	39.99224	32.105701	10.0	578729.0	0.802798	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

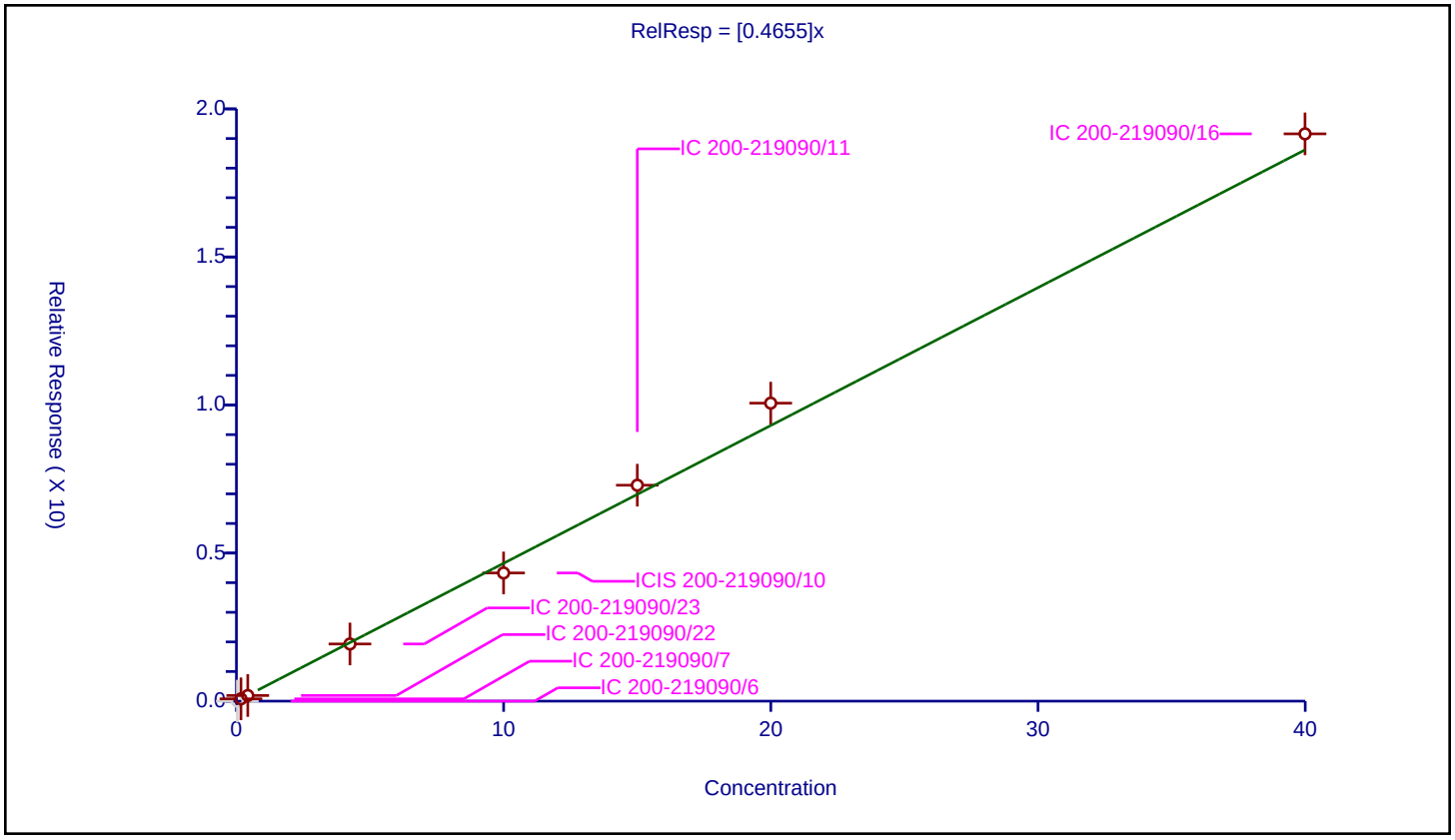
Curve Coefficients

Intercept:	0
Slope:	0.4655

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	700460.0	0.0	N
2	IC 200-219090/7	0.170374	0.077759	10.0	672980.0	0.4564	Y
3	IC 200-219090/22	0.425385	0.189831	10.0	628979.0	0.446258	Y
4	IC 200-219090/23	4.249175	1.930938	10.0	653496.0	0.454426	Y
5	ICIS 200-219090/10	9.99806	4.328789	10.0	640715.0	0.432963	Y
6	IC 200-219090/11	15.003557	7.291633	10.0	556339.0	0.485994	Y
7	IC 200-219090/15	19.99612	10.063444	10.0	534491.0	0.50327	Y
8	IC 200-219090/16	39.99224	19.157585	10.0	578729.0	0.479033	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

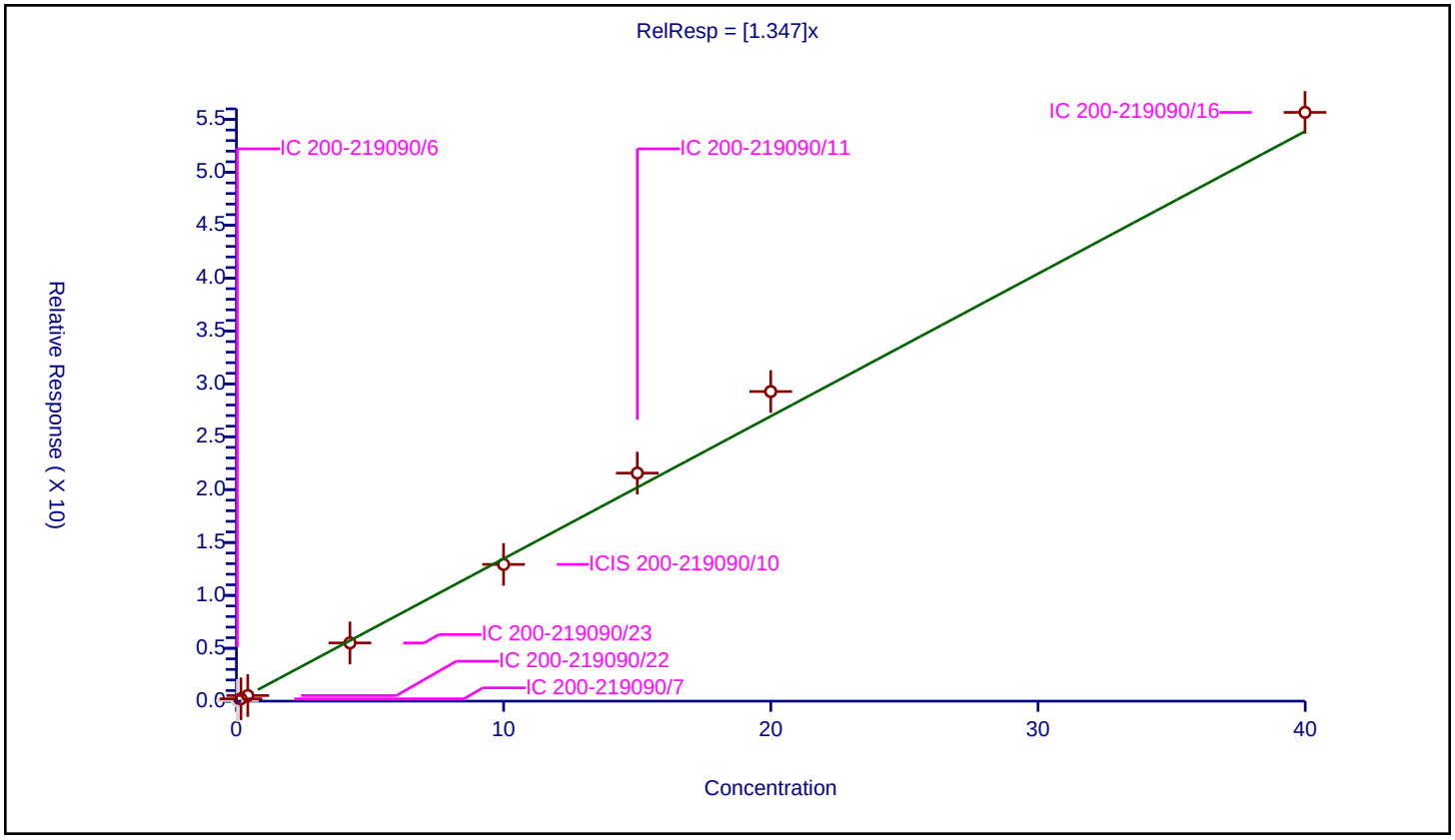
Curve Coefficients

Intercept:	0
Slope:	1.347

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.054778	10.0	700460.0	1.561661	N
2	IC 200-219090/7	0.170374	0.221923	10.0	672980.0	1.302568	Y
3	IC 200-219090/22	0.425385	0.529509	10.0	628979.0	1.244777	Y
4	IC 200-219090/23	4.249175	5.50695	10.0	653496.0	1.296004	Y
5	ICIS 200-219090/10	9.99806	12.927261	10.0	640715.0	1.292977	Y
6	IC 200-219090/11	15.003557	21.563345	10.0	556339.0	1.437216	Y
7	IC 200-219090/15	19.99612	29.273832	10.0	534491.0	1.463976	Y
8	IC 200-219090/16	39.99224	55.67015	10.0	578729.0	1.392024	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

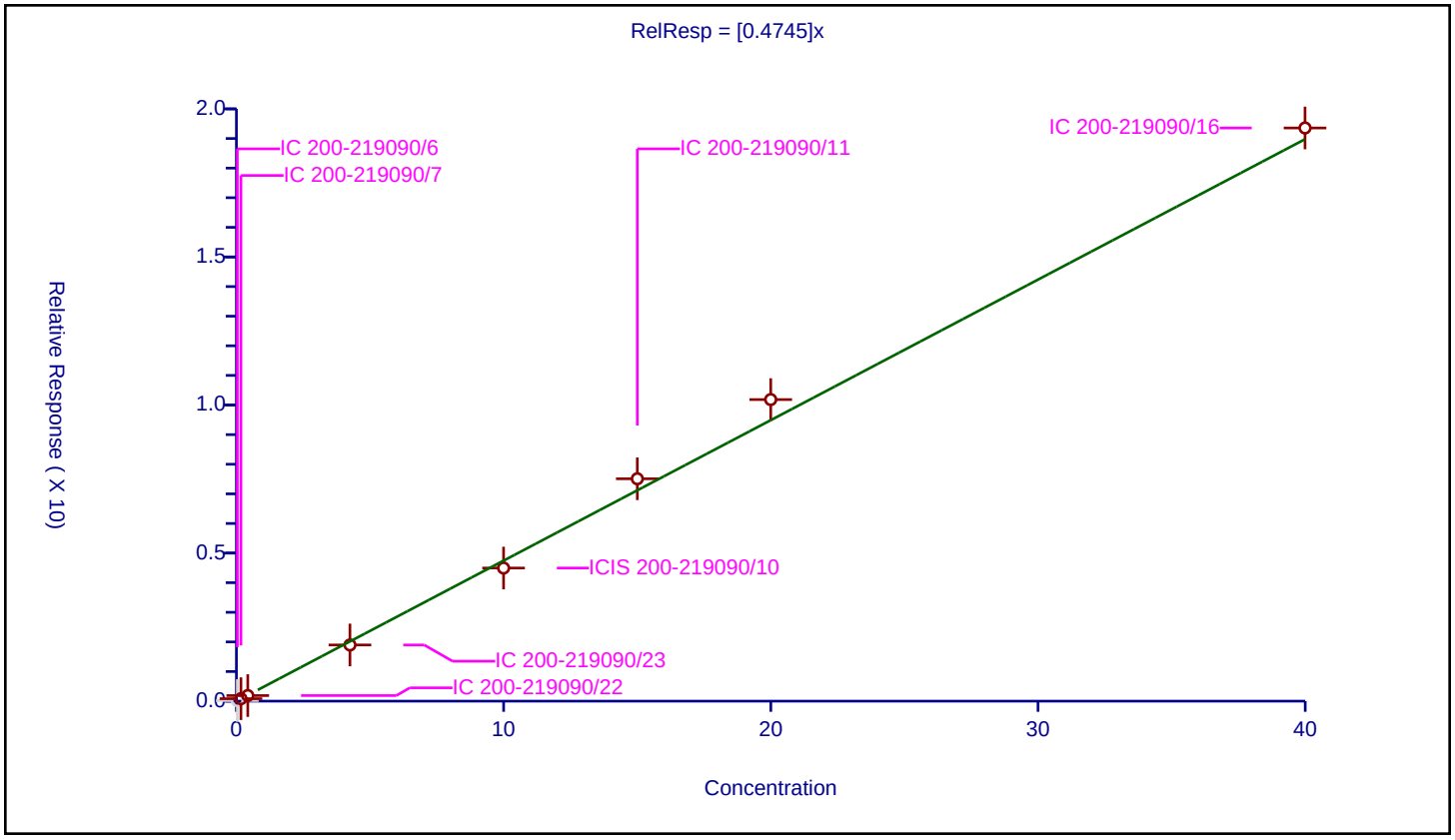
Curve Coefficients

Intercept:	0
Slope:	0.4745

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.019316	10.0	700460.0	0.550672	N
2	IC 200-219090/7	0.170374	0.083093	10.0	672980.0	0.487711	Y
3	IC 200-219090/22	0.425385	0.188782	10.0	628979.0	0.443792	Y
4	IC 200-219090/23	4.249175	1.897609	10.0	653496.0	0.446583	Y
5	ICIS 200-219090/10	9.99806	4.494588	10.0	640715.0	0.449546	Y
6	IC 200-219090/11	15.003557	7.509612	10.0	556339.0	0.500522	Y
7	IC 200-219090/15	19.99612	10.183502	10.0	534491.0	0.509274	Y
8	IC 200-219090/16	39.99224	19.355294	10.0	578729.0	0.483976	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

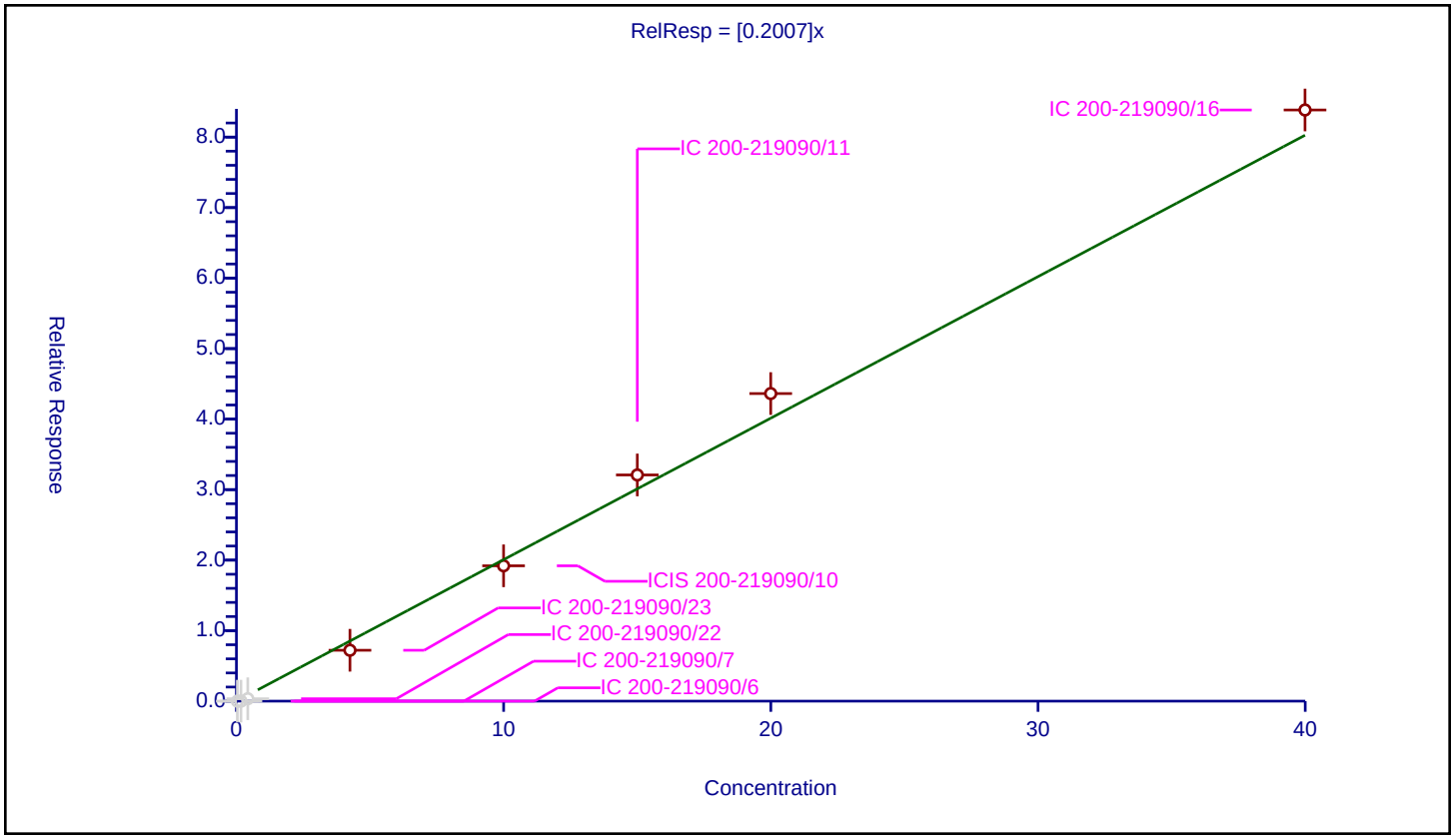
Curve Coefficients

Intercept:	0
Slope:	0.2007

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	700460.0	0.0	N
2	IC 200-219090/7	0.170374	0.0	10.0	672980.0	0.0	N
3	IC 200-219090/22	0.425385	0.034135	10.0	628979.0	0.080244	N
4	IC 200-219090/23	4.249175	0.721672	10.0	653496.0	0.169838	Y
5	ICIS 200-219090/10	9.99806	1.919621	10.0	640715.0	0.191999	Y
6	IC 200-219090/11	15.003557	3.20817	10.0	556339.0	0.213827	Y
7	IC 200-219090/15	19.99612	4.362524	10.0	534491.0	0.218169	Y
8	IC 200-219090/16	39.99224	8.384581	10.0	578729.0	0.209655	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

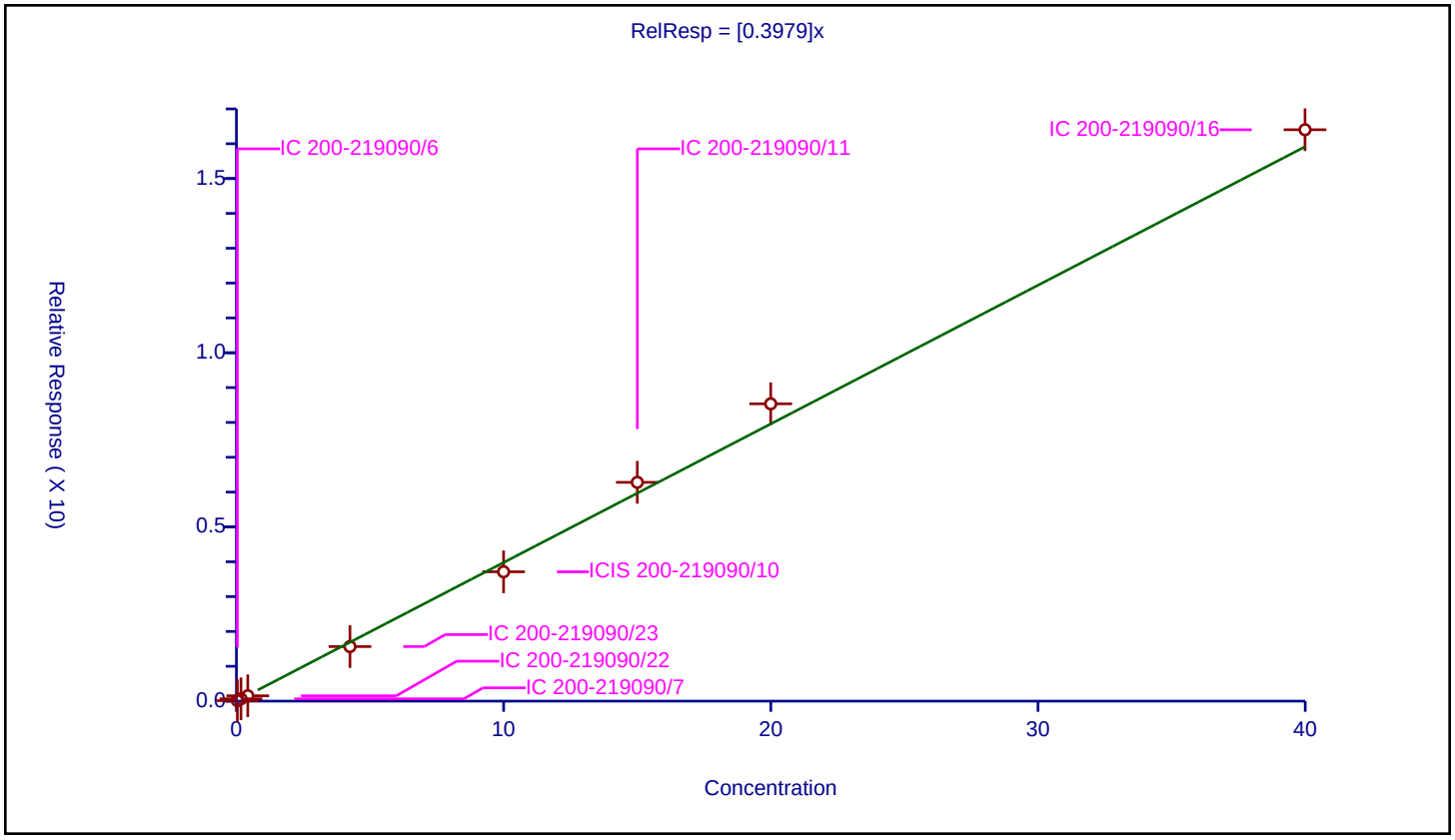
Curve Coefficients

Intercept:	0
Slope:	0.3979

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.015176	10.0	700460.0	0.432642	Y
2	IC 200-219090/7	0.170374	0.06706	10.0	672980.0	0.393605	Y
3	IC 200-219090/22	0.425385	0.153837	10.0	628979.0	0.361641	Y
4	IC 200-219090/23	4.249175	1.566437	10.0	653496.0	0.368645	Y
5	ICIS 200-219090/10	9.99806	3.713149	10.0	640715.0	0.371387	Y
6	IC 200-219090/11	15.003557	6.280973	10.0	556339.0	0.418632	Y
7	IC 200-219090/15	19.99612	8.534325	10.0	534491.0	0.426799	Y
8	IC 200-219090/16	39.99224	16.401062	10.0	578729.0	0.410106	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

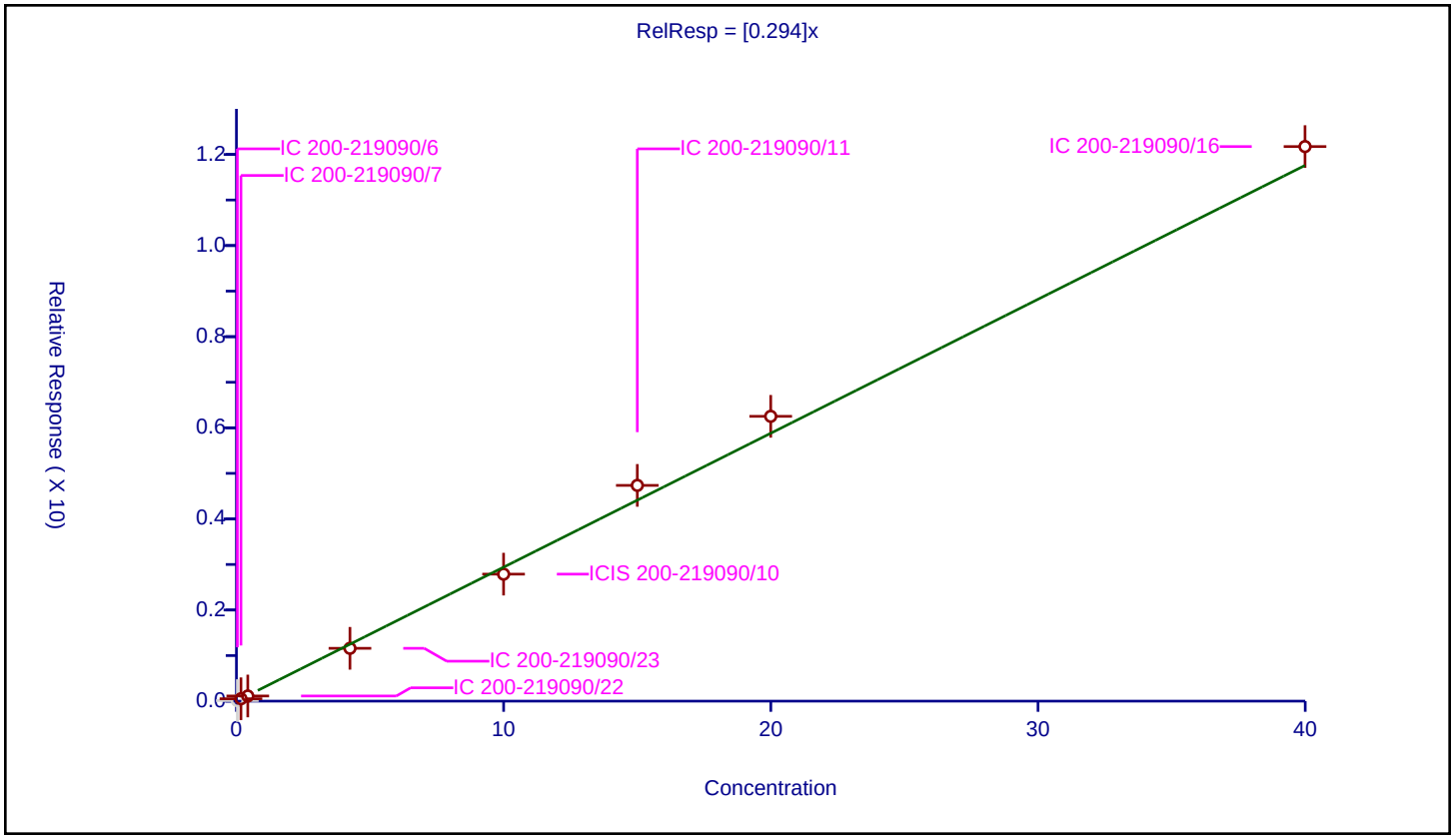
Curve Coefficients

Intercept:	0
Slope:	0.294

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.011906	10.0	700460.0	0.339438	N
2	IC 200-219090/7	0.170374	0.052587	10.0	672980.0	0.308657	Y
3	IC 200-219090/22	0.425385	0.11285	10.0	628979.0	0.265288	Y
4	IC 200-219090/23	4.249175	1.159395	10.0	653496.0	0.272852	Y
5	ICIS 200-219090/10	9.99806	2.787979	10.0	640715.0	0.278852	Y
6	IC 200-219090/11	15.003557	4.736033	10.0	556339.0	0.315661	Y
7	IC 200-219090/15	19.99612	6.251537	10.0	534491.0	0.312637	Y
8	IC 200-219090/16	39.99224	12.172761	10.0	578729.0	0.304378	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

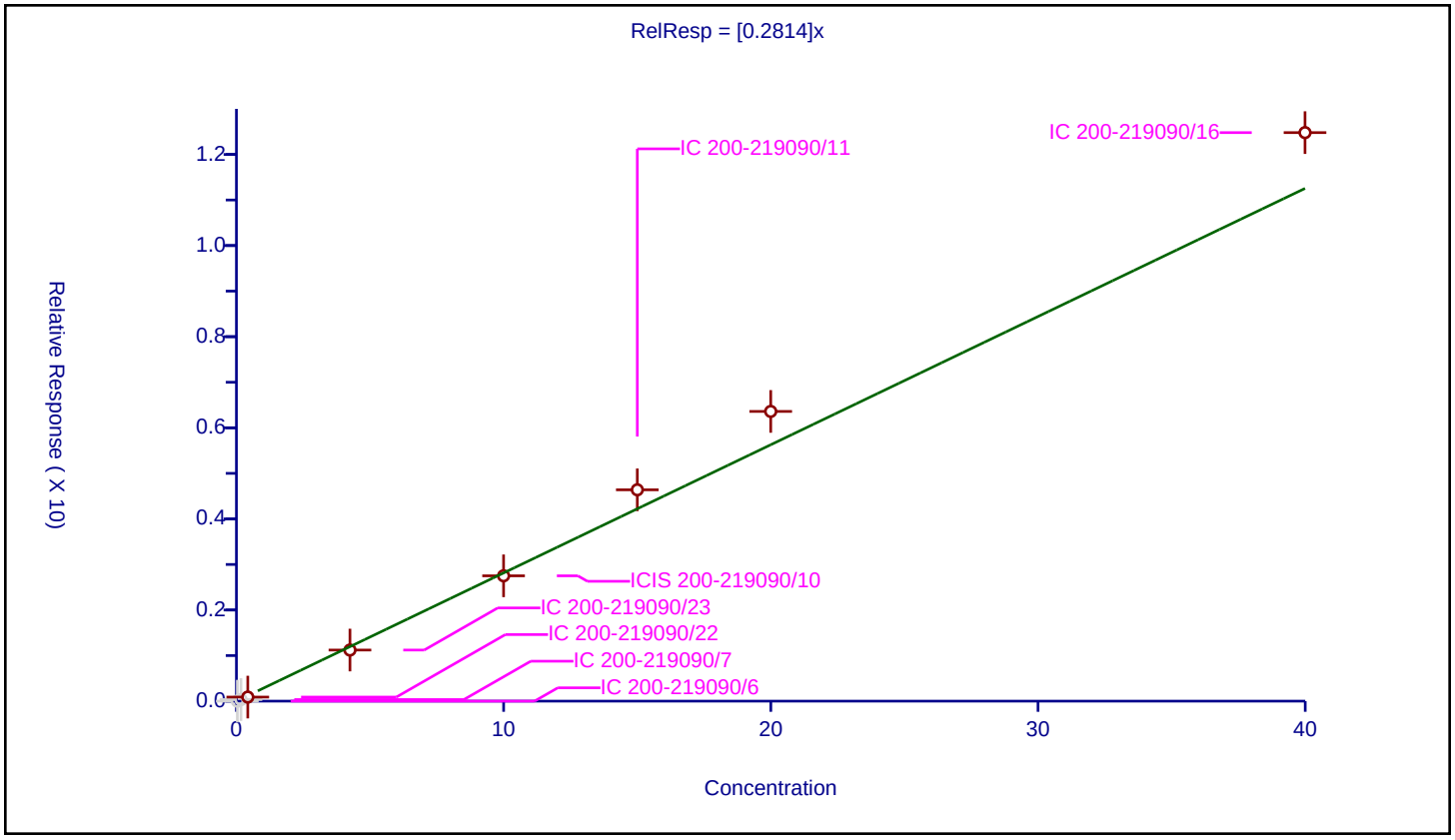
Curve Coefficients

Intercept:	0
Slope:	0.2814

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	700460.0	0.0	N
2	IC 200-219090/7	0.170374	0.034741	10.0	672980.0	0.203911	N
3	IC 200-219090/22	0.425385	0.089367	10.0	628979.0	0.210085	Y
4	IC 200-219090/23	4.249175	1.121506	10.0	653496.0	0.263935	Y
5	ICIS 200-219090/10	9.99806	2.751114	10.0	640715.0	0.275165	Y
6	IC 200-219090/11	15.003557	4.638862	10.0	556339.0	0.309184	Y
7	IC 200-219090/15	19.99612	6.359527	10.0	534491.0	0.318038	Y
8	IC 200-219090/16	39.99224	12.479174	10.0	578729.0	0.31204	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

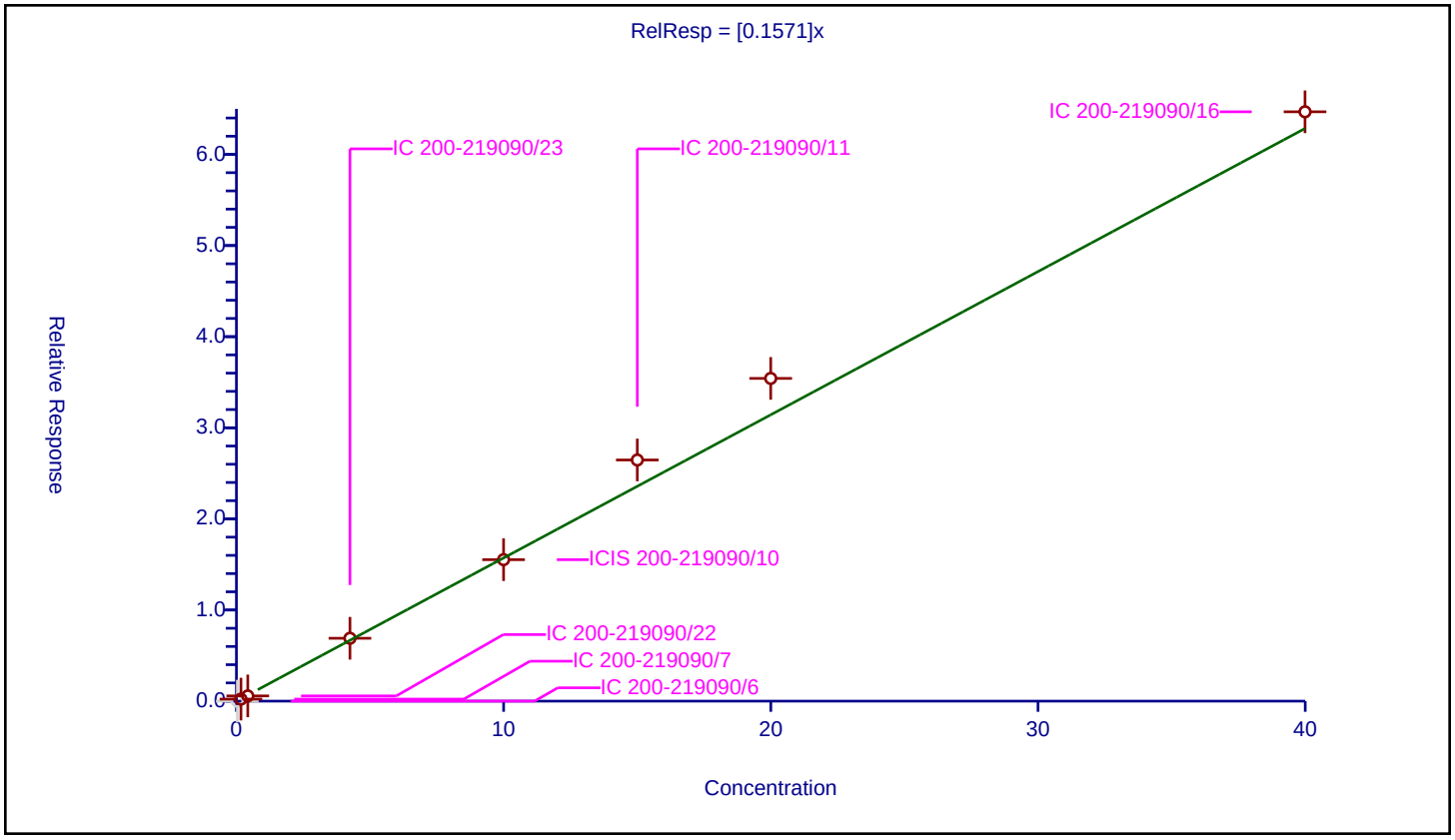
Curve Coefficients

Intercept:	0
Slope:	0.1571

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	700460.0	0.0	N
2	IC 200-219090/7	0.170374	0.022482	10.0	672980.0	0.131958	Y
3	IC 200-219090/22	0.425385	0.057474	10.0	628979.0	0.135111	Y
4	IC 200-219090/23	4.249175	0.690058	10.0	653496.0	0.162398	Y
5	ICIS 200-219090/10	9.99806	1.552656	10.0	640715.0	0.155296	Y
6	IC 200-219090/11	15.003557	2.646696	10.0	556339.0	0.176405	Y
7	IC 200-219090/15	19.99612	3.542192	10.0	534491.0	0.177144	Y
8	IC 200-219090/16	39.99224	6.468226	10.0	578729.0	0.161737	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

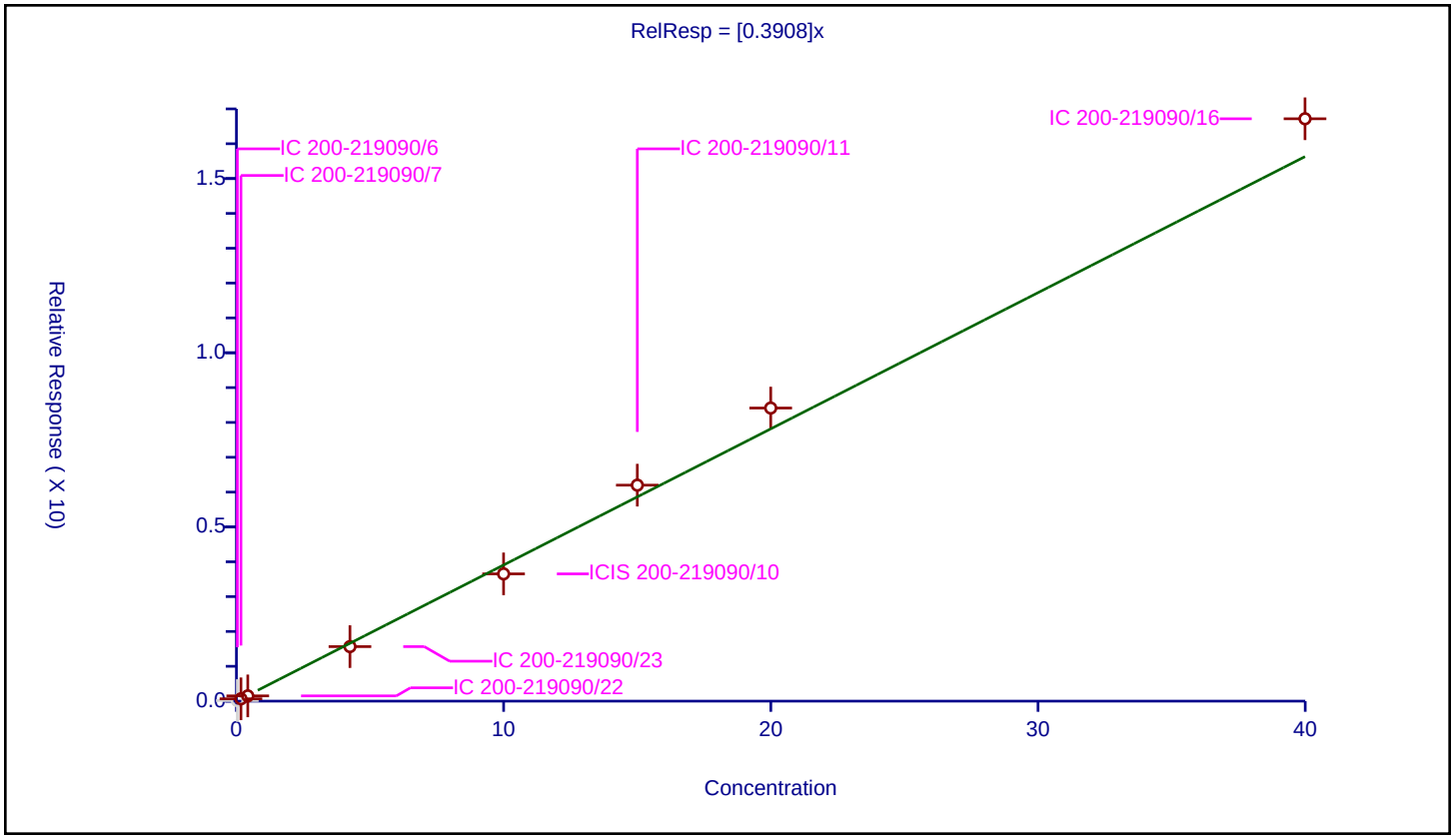
Curve Coefficients

Intercept:	0
Slope:	0.3908

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.016404	10.0	700460.0	0.467644	N
2	IC 200-219090/7	0.170374	0.067164	10.0	672980.0	0.394215	Y
3	IC 200-219090/22	0.425385	0.151341	10.0	628979.0	0.355773	Y
4	IC 200-219090/23	4.249175	1.56561	10.0	653496.0	0.36845	Y
5	ICIS 200-219090/10	9.99806	3.653559	10.0	640715.0	0.365427	Y
6	IC 200-219090/11	15.003557	6.199673	10.0	556339.0	0.413214	Y
7	IC 200-219090/15	19.99612	8.412677	10.0	534491.0	0.420715	Y
8	IC 200-219090/16	39.99224	16.716408	10.0	578729.0	0.417991	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

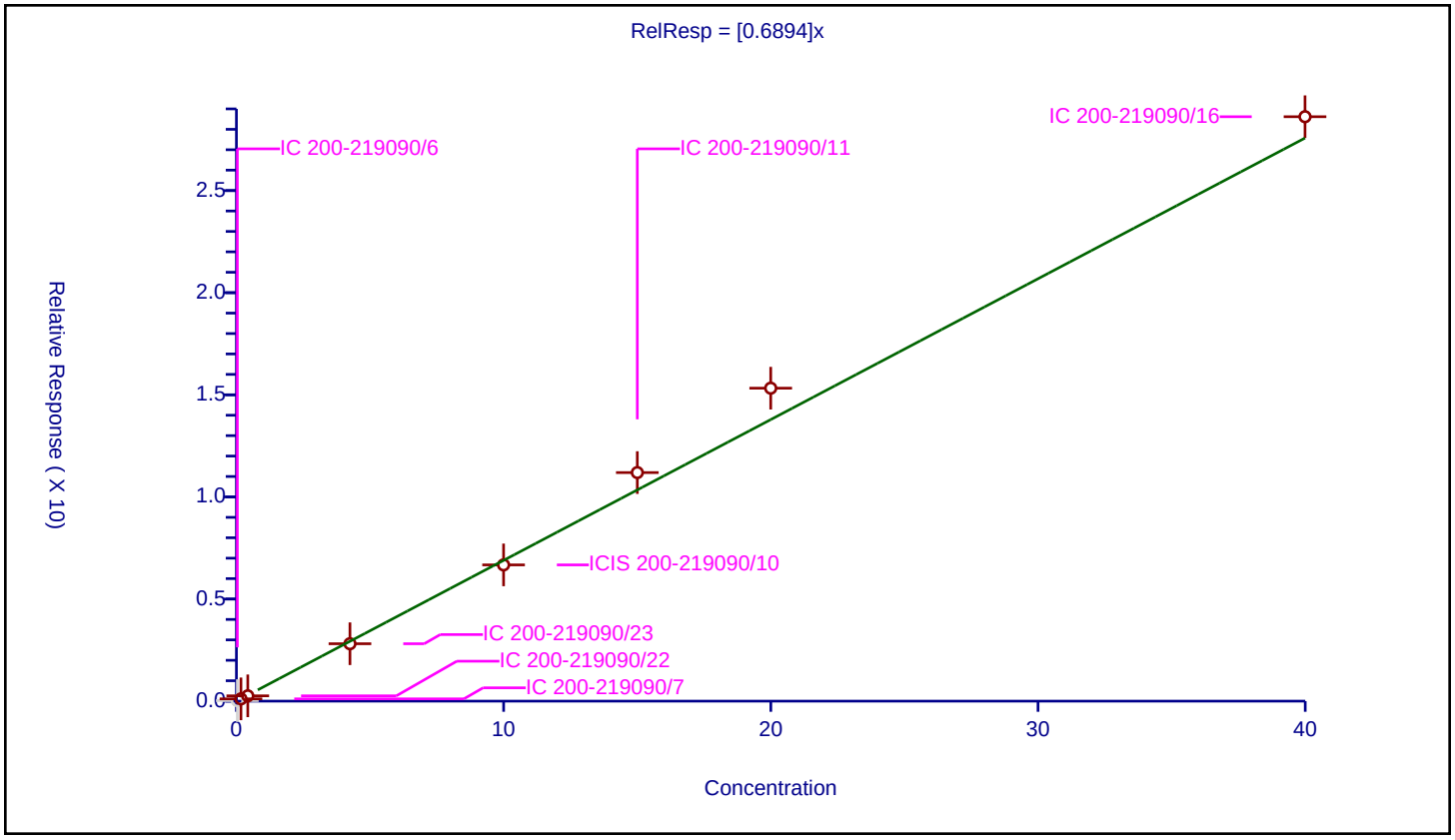
Curve Coefficients

Intercept:	0
Slope:	0.6894

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.026069	10.0	700460.0	0.743183	N
2	IC 200-219090/7	0.170374	0.11189	10.0	672980.0	0.656735	Y
3	IC 200-219090/22	0.425385	0.260597	10.0	628979.0	0.612615	Y
4	IC 200-219090/23	4.249175	2.811326	10.0	653496.0	0.661617	Y
5	ICIS 200-219090/10	9.99806	6.670985	10.0	640715.0	0.667228	Y
6	IC 200-219090/11	15.003557	11.191845	10.0	556339.0	0.745946	Y
7	IC 200-219090/15	19.99612	15.324168	10.0	534491.0	0.766357	Y
8	IC 200-219090/16	39.99224	28.616503	10.0	578729.0	0.715551	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

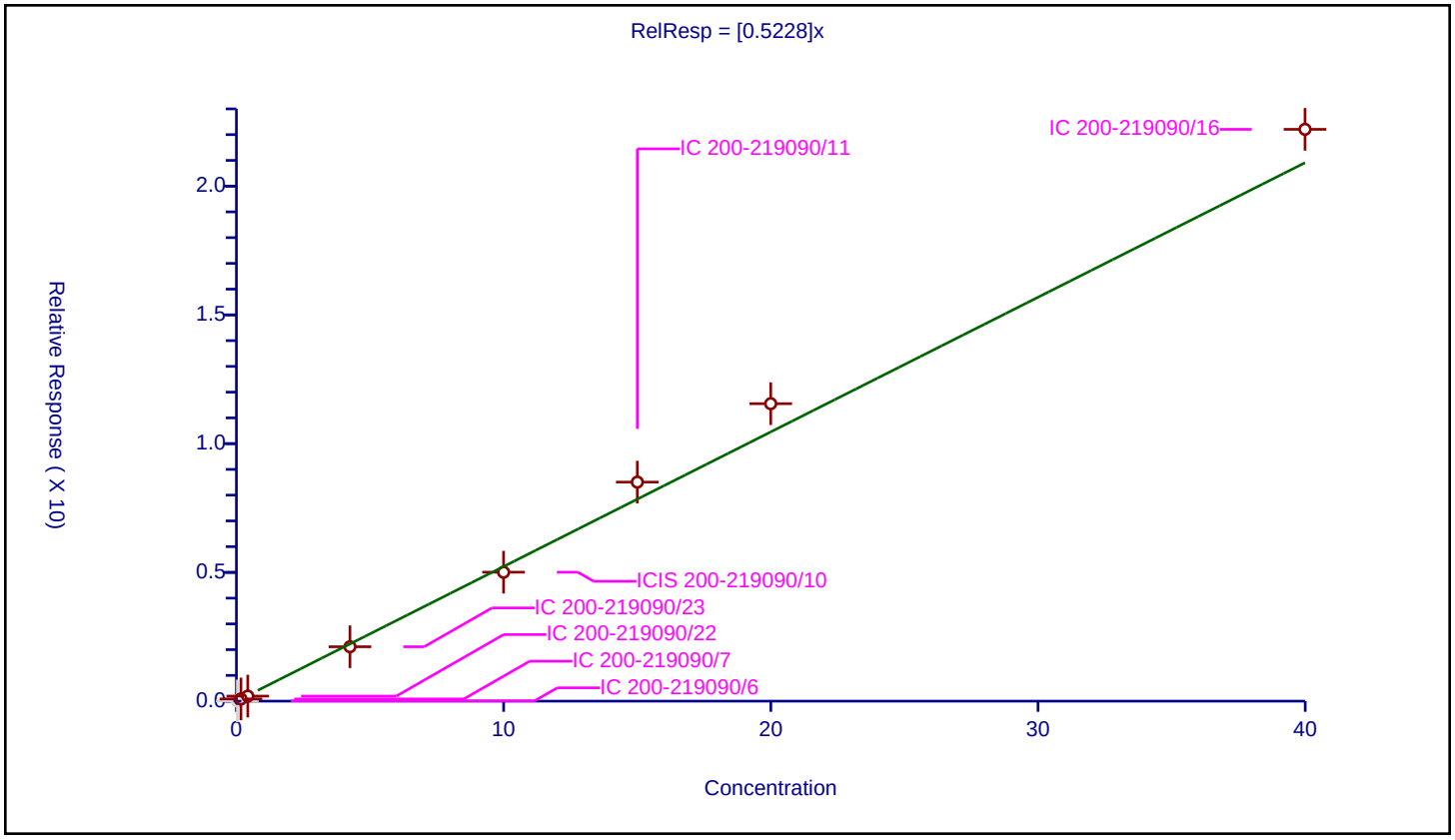
Curve Coefficients

Intercept:	0
Slope:	0.5228

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.009479	10.0	700460.0	0.270248	N
2	IC 200-219090/7	0.170374	0.085203	10.0	672980.0	0.500095	Y
3	IC 200-219090/22	0.425385	0.196461	10.0	628979.0	0.461844	Y
4	IC 200-219090/23	4.249175	2.112347	10.0	653496.0	0.497119	Y
5	ICIS 200-219090/10	9.99806	5.007656	10.0	640715.0	0.500863	Y
6	IC 200-219090/11	15.003557	8.506073	10.0	556339.0	0.566937	Y
7	IC 200-219090/15	19.99612	11.551588	10.0	534491.0	0.577691	Y
8	IC 200-219090/16	39.99224	22.205955	10.0	578729.0	0.555257	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

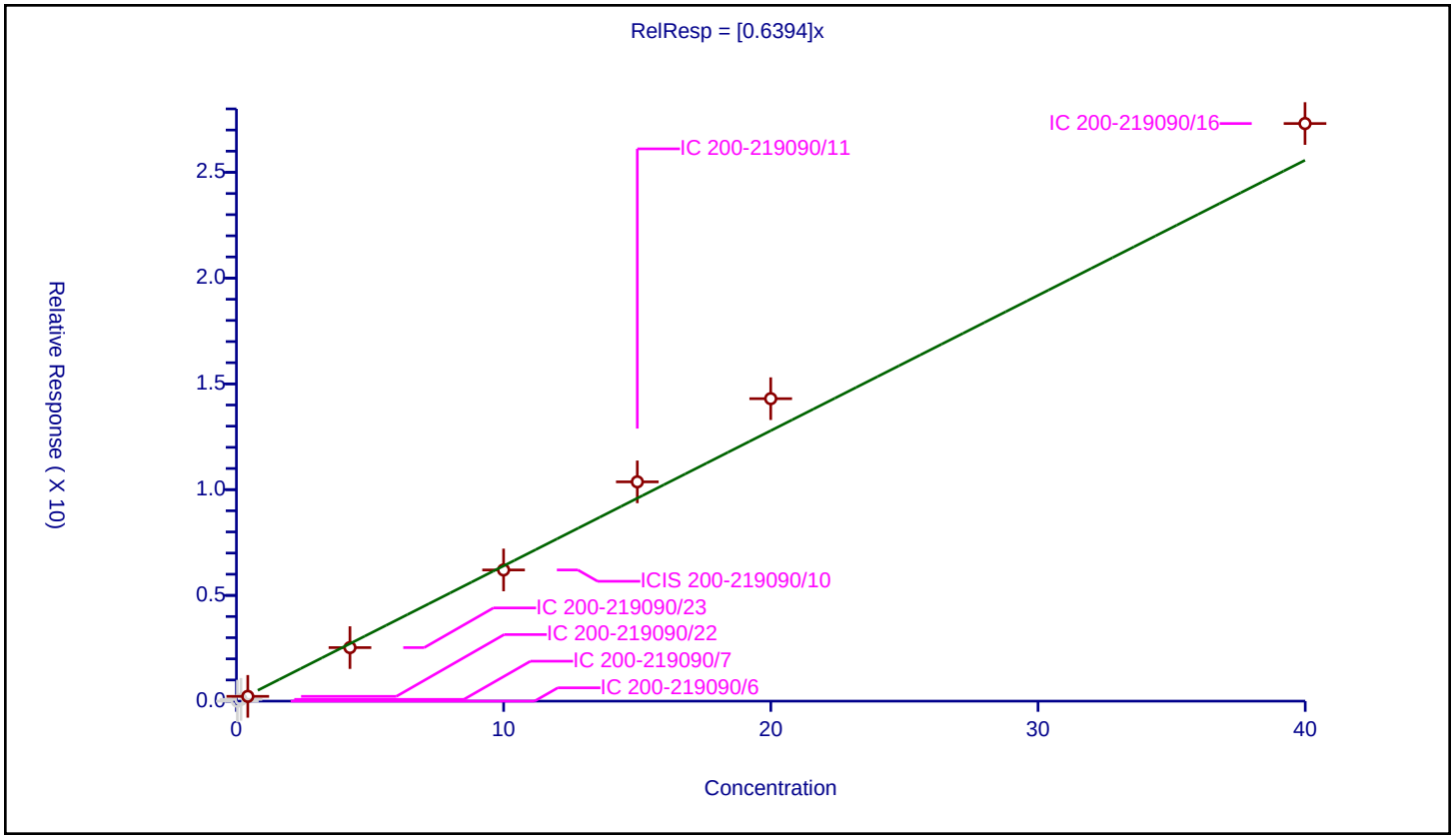
Curve Coefficients

Intercept:	0
Slope:	0.6394

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	700460.0	0.0	N
2	IC 200-219090/7	0.170374	0.083687	10.0	672980.0	0.491199	N
3	IC 200-219090/22	0.425385	0.226128	10.0	628979.0	0.531586	Y
4	IC 200-219090/23	4.249175	2.531232	10.0	653496.0	0.5957	Y
5	ICIS 200-219090/10	9.99806	6.202274	10.0	640715.0	0.620348	Y
6	IC 200-219090/11	15.003557	10.3676	10.0	556339.0	0.691009	Y
7	IC 200-219090/15	19.99612	14.300503	10.0	534491.0	0.715164	Y
8	IC 200-219090/16	39.99224	27.307773	10.0	578729.0	0.682827	Y



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Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

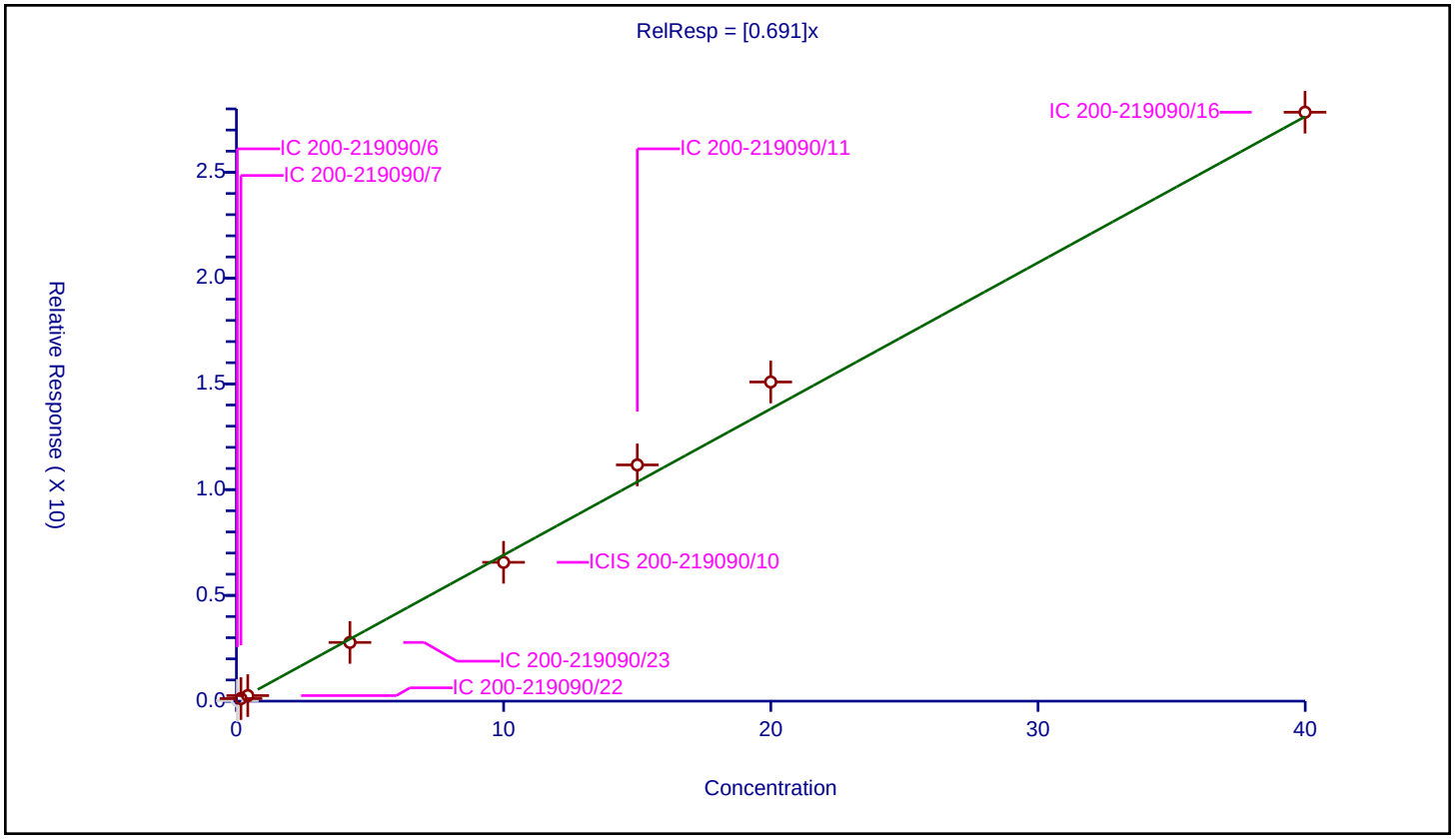
Curve Coefficients

Intercept:	0
Slope:	0.691

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.024647	10.0	596833.0	0.702649	N
2	IC 200-219090/7	0.170374	0.121831	10.0	582611.0	0.71508	Y
3	IC 200-219090/22	0.425385	0.262399	10.0	547182.0	0.616851	Y
4	IC 200-219090/23	4.249175	2.7754	10.0	572040.0	0.653162	Y
5	ICIS 200-219090/10	9.99806	6.564063	10.0	558689.0	0.656534	Y
6	IC 200-219090/11	15.003557	11.168597	10.0	475185.0	0.744397	Y
7	IC 200-219090/15	19.99612	15.088472	10.0	458845.0	0.75457	Y
8	IC 200-219090/16	39.99224	27.841619	10.0	519834.0	0.696176	Y



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Calibration / n-Octane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

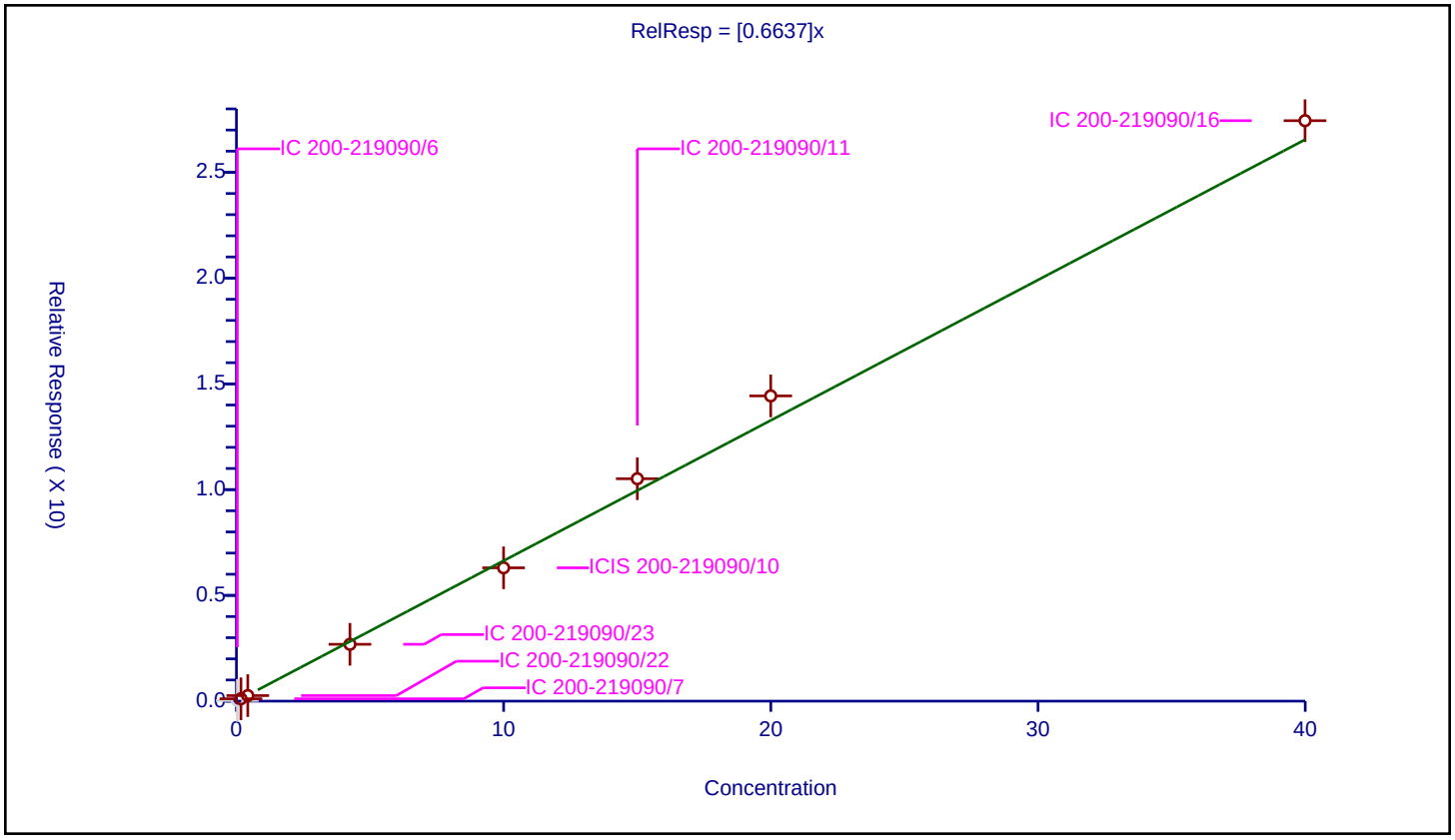
Curve Coefficients

Intercept:	0
Slope:	0.6637

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.030637	10.0	700460.0	0.873423	N
2	IC 200-219090/7	0.170374	0.112069	10.0	672980.0	0.657782	Y
3	IC 200-219090/22	0.425385	0.262362	10.0	628979.0	0.616763	Y
4	IC 200-219090/23	4.249175	2.687928	10.0	653496.0	0.632576	Y
5	ICIS 200-219090/10	9.99806	6.302693	10.0	640715.0	0.630392	Y
6	IC 200-219090/11	15.003557	10.515369	10.0	556339.0	0.700858	Y
7	IC 200-219090/15	19.99612	14.43087	10.0	534491.0	0.721684	Y
8	IC 200-219090/16	39.99224	27.44243	10.0	578729.0	0.686194	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

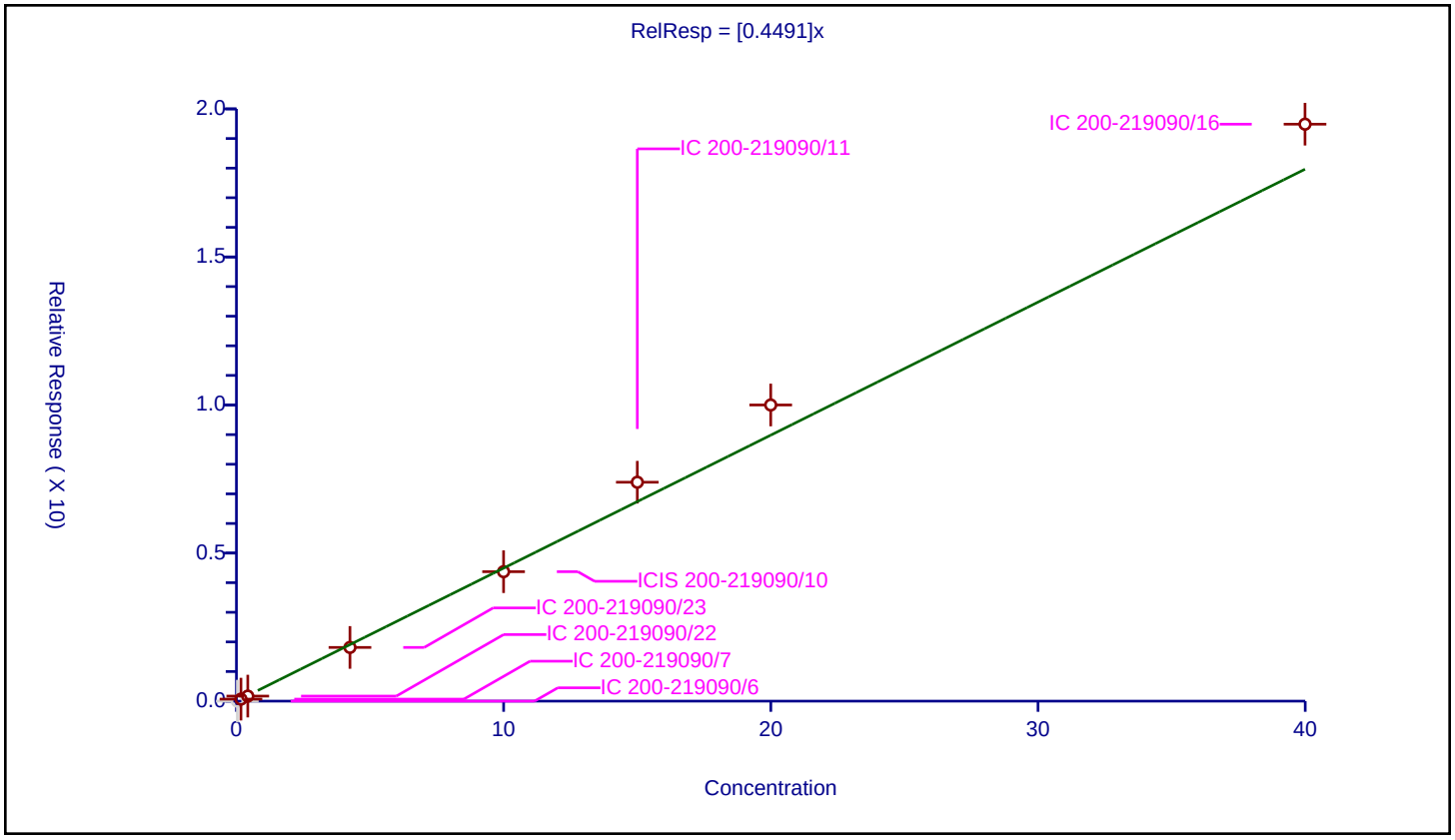
Curve Coefficients

Intercept:	0
Slope:	0.4491

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	700460.0	0.0	N
2	IC 200-219090/7	0.170374	0.067996	10.0	672980.0	0.3991	Y
3	IC 200-219090/22	0.425385	0.170467	10.0	628979.0	0.400735	Y
4	IC 200-219090/23	4.249175	1.813936	10.0	653496.0	0.426891	Y
5	ICIS 200-219090/10	9.99806	4.371569	10.0	640715.0	0.437242	Y
6	IC 200-219090/11	15.003557	7.392723	10.0	556339.0	0.492731	Y
7	IC 200-219090/15	19.99612	10.00073	10.0	534491.0	0.500134	Y
8	IC 200-219090/16	39.99224	19.484094	10.0	578729.0	0.487197	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

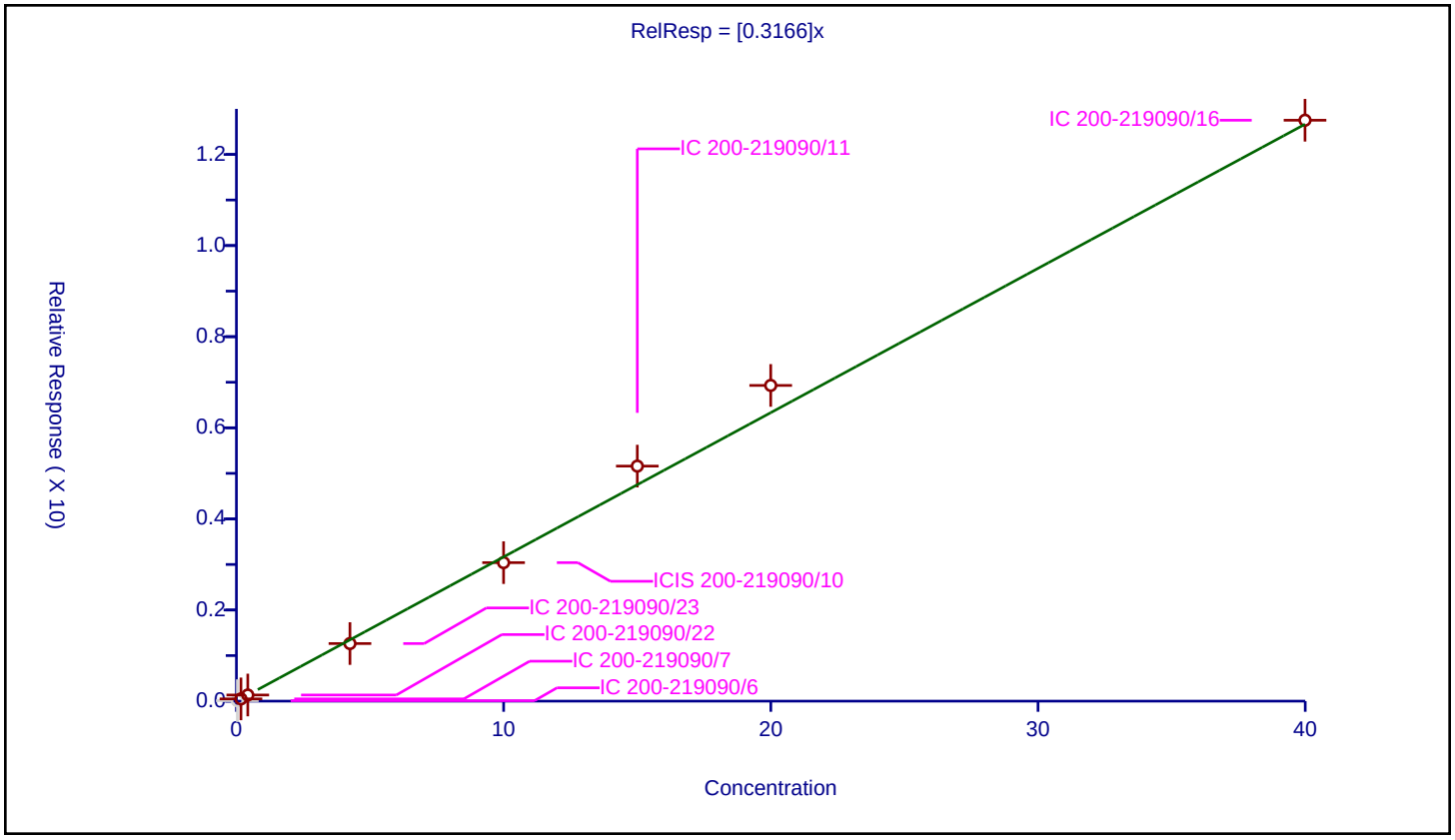
Curve Coefficients

Intercept:	0
Slope:	0.3166

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.01017	10.0	596833.0	0.289944	N
2	IC 200-219090/7	0.170374	0.049295	10.0	582611.0	0.289336	Y
3	IC 200-219090/22	0.425385	0.134544	10.0	547182.0	0.316288	Y
4	IC 200-219090/23	4.249175	1.264475	10.0	572040.0	0.297581	Y
5	ICIS 200-219090/10	9.99806	3.040404	10.0	558689.0	0.304099	Y
6	IC 200-219090/11	15.003557	5.158917	10.0	475185.0	0.343846	Y
7	IC 200-219090/15	19.99612	6.92966	10.0	458845.0	0.34655	Y
8	IC 200-219090/16	39.99224	12.751128	10.0	519834.0	0.31884	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

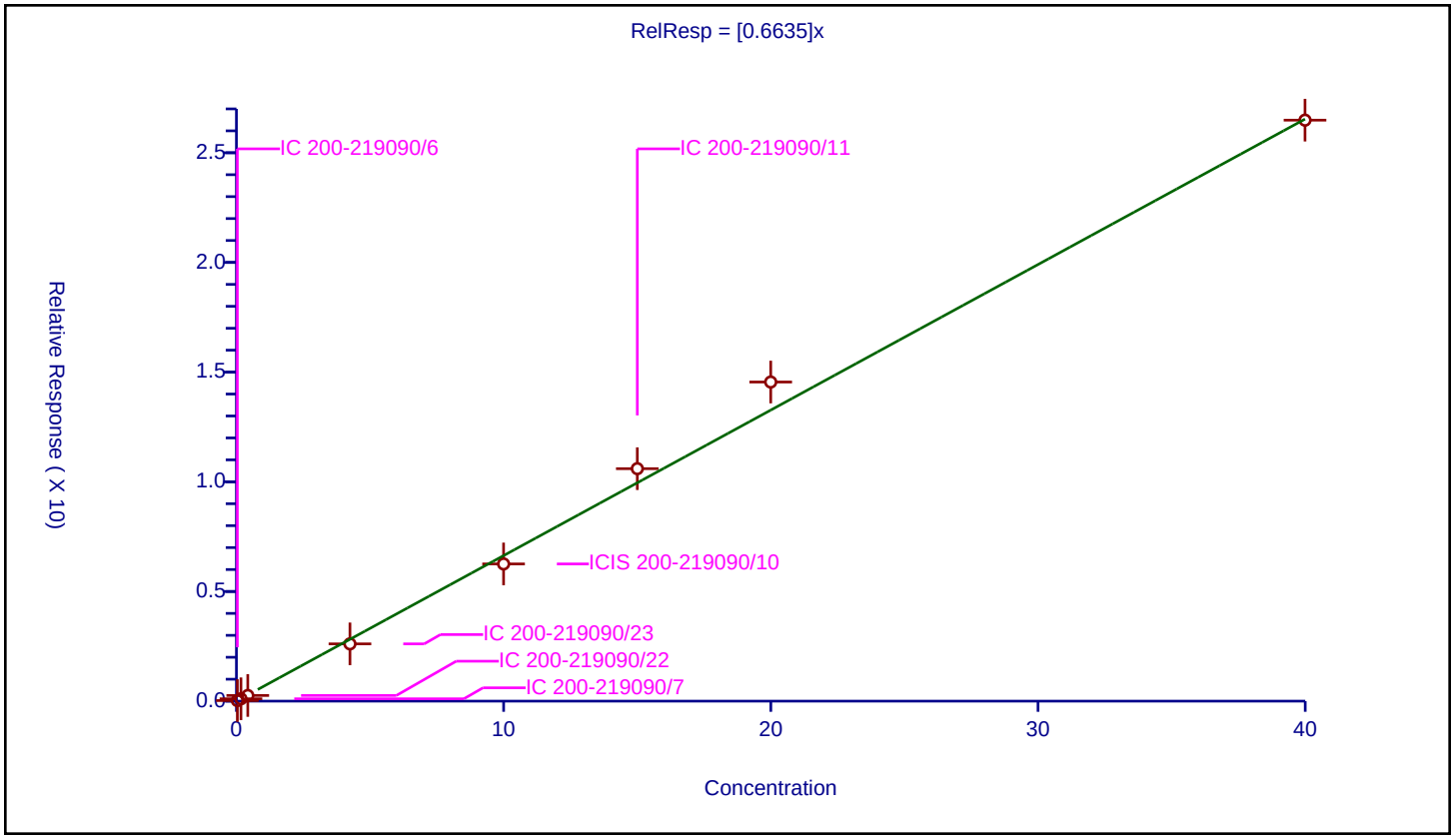
Curve Coefficients

Intercept:	0
Slope:	0.6635

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.025887	10.0	596833.0	0.737996	Y
2	IC 200-219090/7	0.170374	0.107018	10.0	582611.0	0.628138	Y
3	IC 200-219090/22	0.425385	0.257574	10.0	547182.0	0.605509	Y
4	IC 200-219090/23	4.249175	2.611391	10.0	572040.0	0.614564	Y
5	ICIS 200-219090/10	9.99806	6.255484	10.0	558689.0	0.62567	Y
6	IC 200-219090/11	15.003557	10.598693	10.0	475185.0	0.706412	Y
7	IC 200-219090/15	19.99612	14.548115	10.0	458845.0	0.727547	Y
8	IC 200-219090/16	39.99224	26.486301	10.0	519834.0	0.662286	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

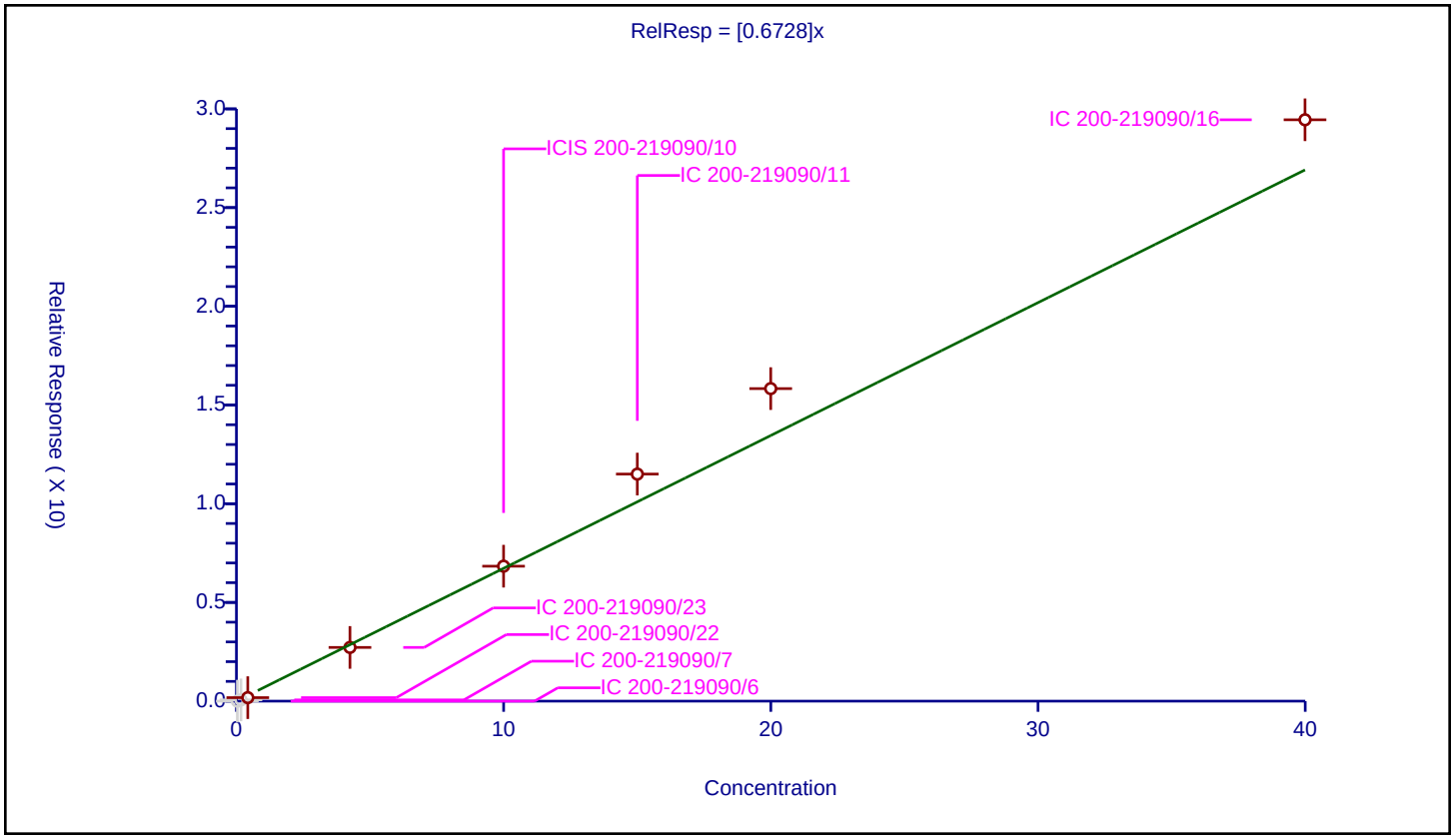
Curve Coefficients

Intercept:	0
Slope:	0.6728

Error Coefficients

Relative Standard Deviation:	20.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0	10.0	596833.0	0.0	N
2	IC 200-219090/7	0.170374	0.062786	10.0	582611.0	0.368521	N
3	IC 200-219090/22	0.425385	0.17793	10.0	547182.0	0.41828	Y
4	IC 200-219090/23	4.249175	2.721191	10.0	572040.0	0.640404	Y
5	ICIS 200-219090/10	9.99806	6.836057	10.0	558689.0	0.683738	Y
6	IC 200-219090/11	15.003557	11.501352	10.0	475185.0	0.766575	Y
7	IC 200-219090/15	19.99612	15.832013	10.0	458845.0	0.791754	Y
8	IC 200-219090/16	39.99224	29.44767	10.0	519834.0	0.736335	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

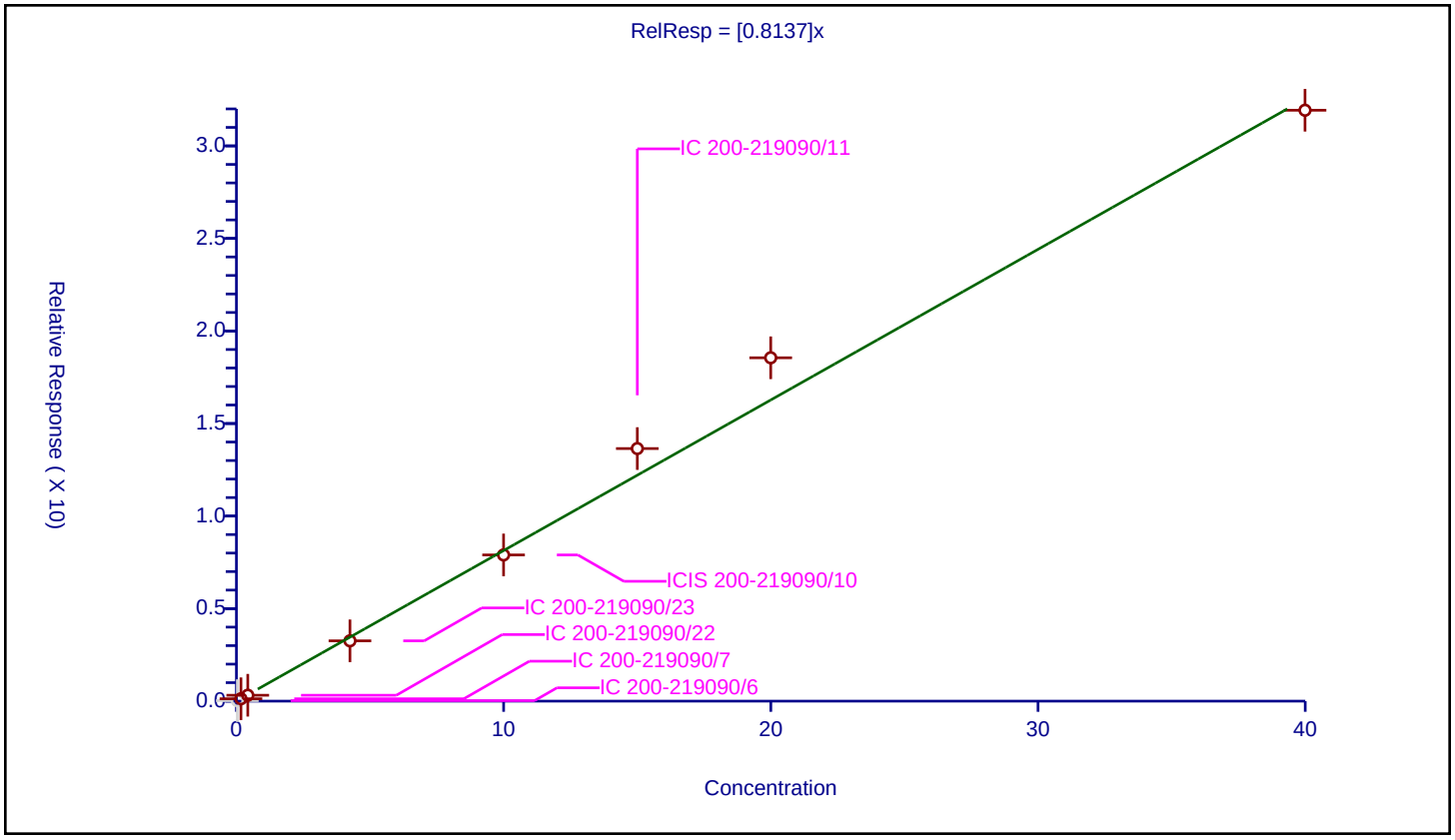
Curve Coefficients

Intercept:	0
Slope:	0.8137

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.02644	10.0	596833.0	0.753759	N
2	IC 200-219090/7	0.170374	0.128267	10.0	582611.0	0.752859	Y
3	IC 200-219090/22	0.425385	0.319108	10.0	547182.0	0.750163	Y
4	IC 200-219090/23	4.249175	3.258111	10.0	572040.0	0.766763	Y
5	ICIS 200-219090/10	9.99806	7.90012	10.0	558689.0	0.790165	Y
6	IC 200-219090/11	15.003557	13.648011	10.0	475185.0	0.909652	Y
7	IC 200-219090/15	19.99612	18.552343	10.0	458845.0	0.927797	Y
8	IC 200-219090/16	39.99224	31.927019	10.0	519834.0	0.79833	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

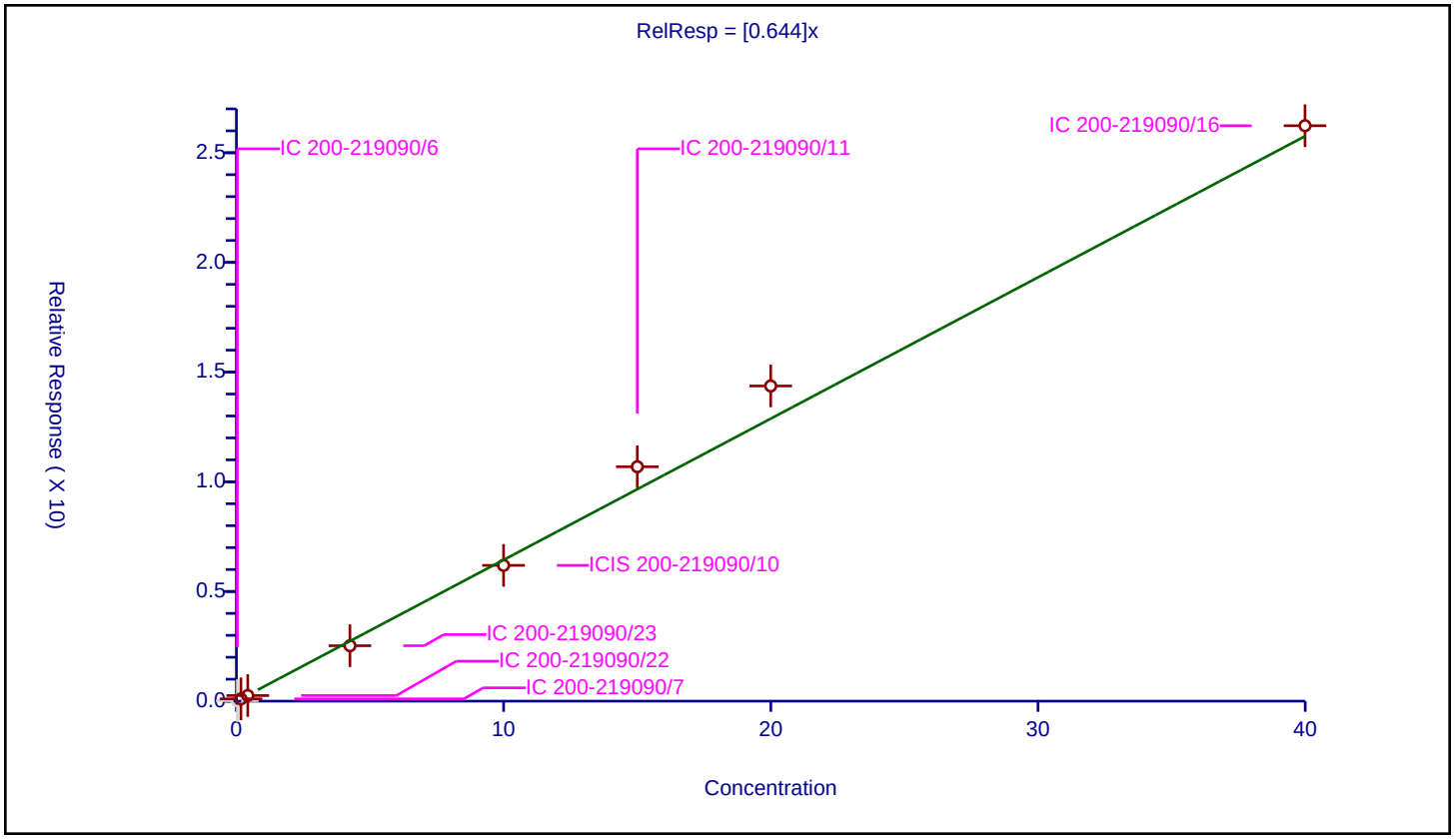
Curve Coefficients

Intercept:	0
Slope:	0.644

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.022854	10.0	596833.0	0.651538	N
2	IC 200-219090/7	0.170374	0.103482	10.0	582611.0	0.607385	Y
3	IC 200-219090/22	0.425385	0.255381	10.0	547182.0	0.600354	Y
4	IC 200-219090/23	4.249175	2.526012	10.0	572040.0	0.594471	Y
5	ICIS 200-219090/10	9.99806	6.189633	10.0	558689.0	0.619083	Y
6	IC 200-219090/11	15.003557	10.685249	10.0	475185.0	0.712181	Y
7	IC 200-219090/15	19.99612	14.368381	10.0	458845.0	0.718558	Y
8	IC 200-219090/16	39.99224	26.232066	10.0	519834.0	0.655929	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

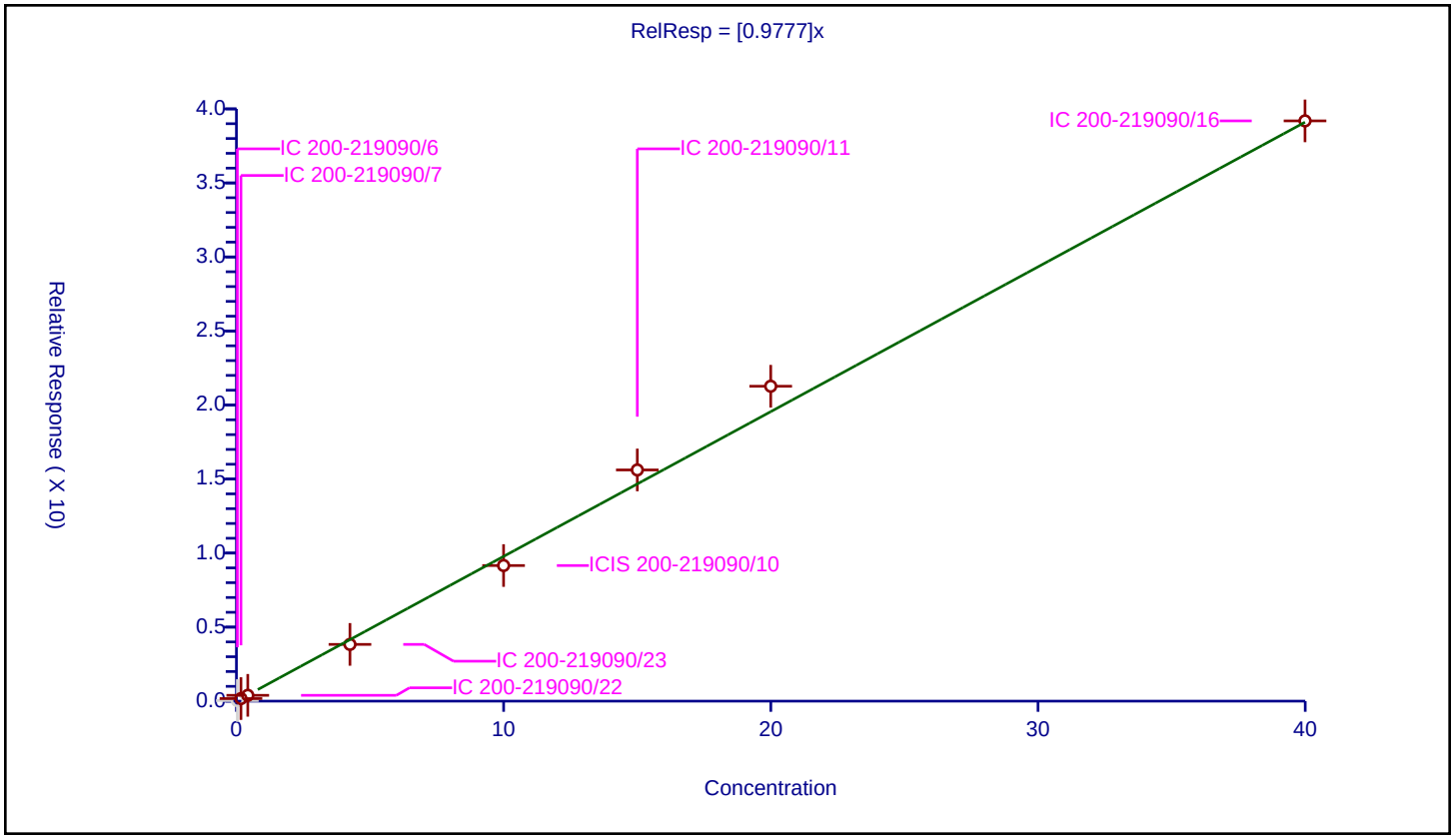
Curve Coefficients

Intercept:	0
Slope:	0.9777

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.038202	10.0	596833.0	1.089081	N
2	IC 200-219090/7	0.170374	0.173272	10.0	582611.0	1.01701	Y
3	IC 200-219090/22	0.425385	0.393471	10.0	547182.0	0.924976	Y
4	IC 200-219090/23	4.249175	3.832389	10.0	572040.0	0.901914	Y
5	ICIS 200-219090/10	9.99806	9.158029	10.0	558689.0	0.915981	Y
6	IC 200-219090/11	15.003557	15.614908	10.0	475185.0	1.040747	Y
7	IC 200-219090/15	19.99612	21.267901	10.0	458845.0	1.063601	Y
8	IC 200-219090/16	39.99224	39.190299	10.0	519834.0	0.979948	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

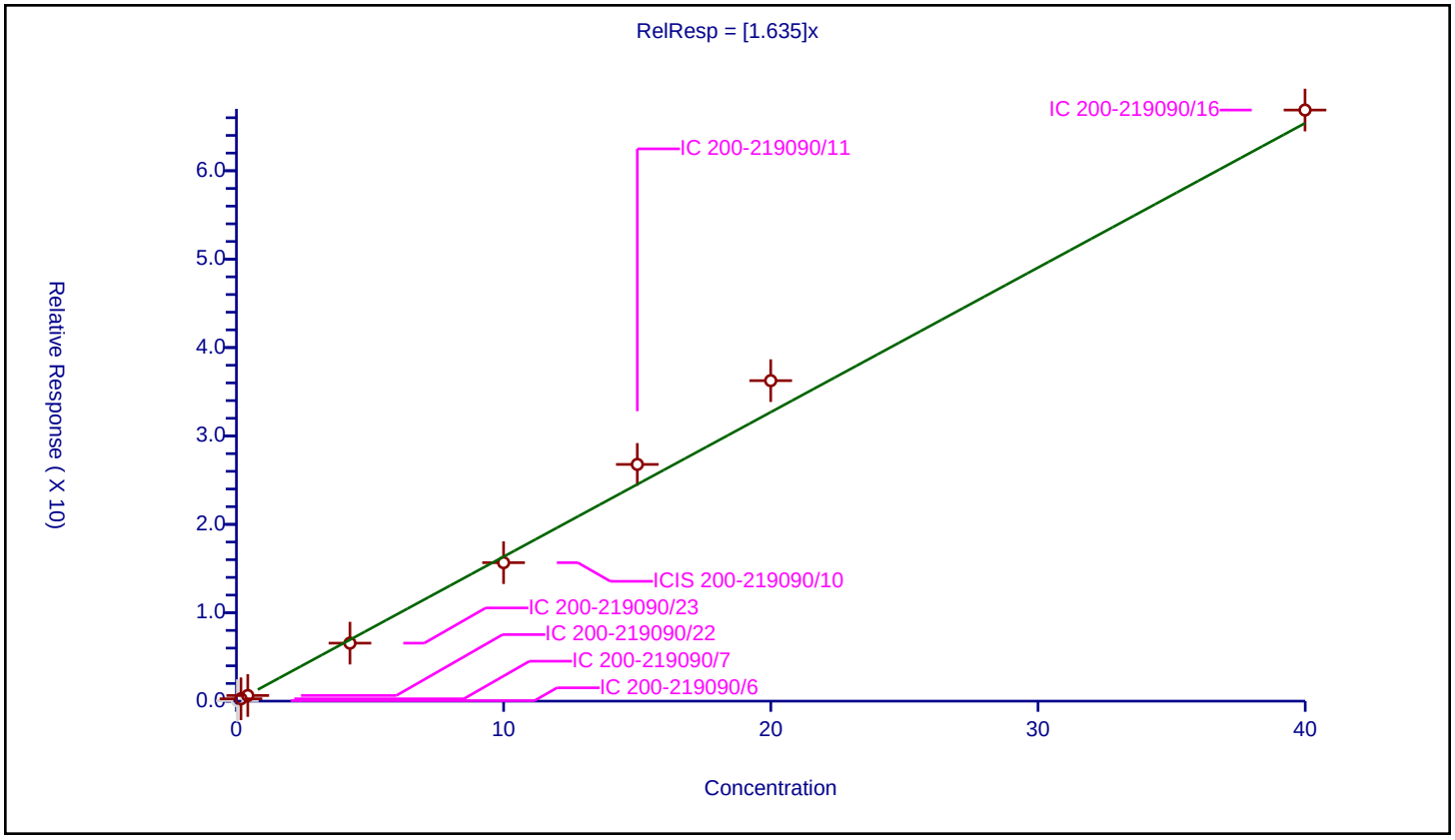
Curve Coefficients

Intercept:	0
Slope:	1.635

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.05566	10.0	596833.0	1.586811	N
2	IC 200-219090/7	0.170374	0.266078	10.0	582611.0	1.561732	Y
3	IC 200-219090/22	0.425385	0.638544	10.0	547182.0	1.501099	Y
4	IC 200-219090/23	4.249175	6.560136	10.0	572040.0	1.543861	Y
5	ICIS 200-219090/10	9.99806	15.666909	10.0	558689.0	1.566995	Y
6	IC 200-219090/11	15.003557	26.782474	10.0	475185.0	1.785075	Y
7	IC 200-219090/15	19.99612	36.256317	10.0	458845.0	1.813168	Y
8	IC 200-219090/16	39.99224	66.869943	10.0	519834.0	1.672073	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

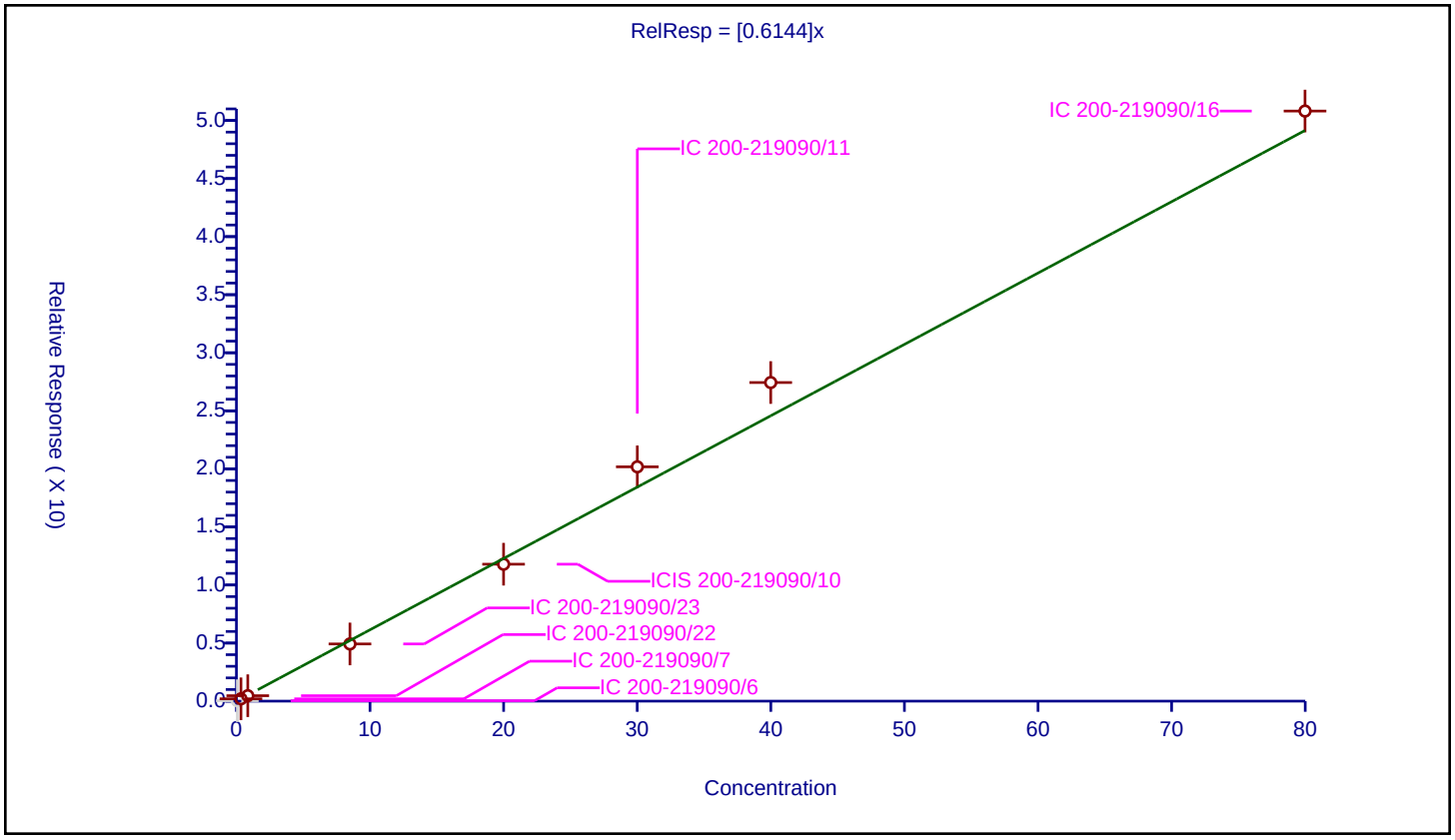
Curve Coefficients

Intercept:	0
Slope:	0.6144

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.070154	0.035688	10.0	596833.0	0.508716	N
2	IC 200-219090/7	0.340747	0.199842	10.0	582611.0	0.586481	Y
3	IC 200-219090/22	0.850769	0.46904	10.0	547182.0	0.551312	Y
4	IC 200-219090/23	8.498351	4.92483	10.0	572040.0	0.579504	Y
5	ICIS 200-219090/10	19.99612	11.791211	10.0	558689.0	0.589675	Y
6	IC 200-219090/11	30.007114	20.177762	10.0	475185.0	0.672433	Y
7	IC 200-219090/15	39.99224	27.435932	10.0	458845.0	0.686031	Y
8	IC 200-219090/16	79.984479	50.813798	10.0	519834.0	0.635296	Y



Calibration / n-Nonane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

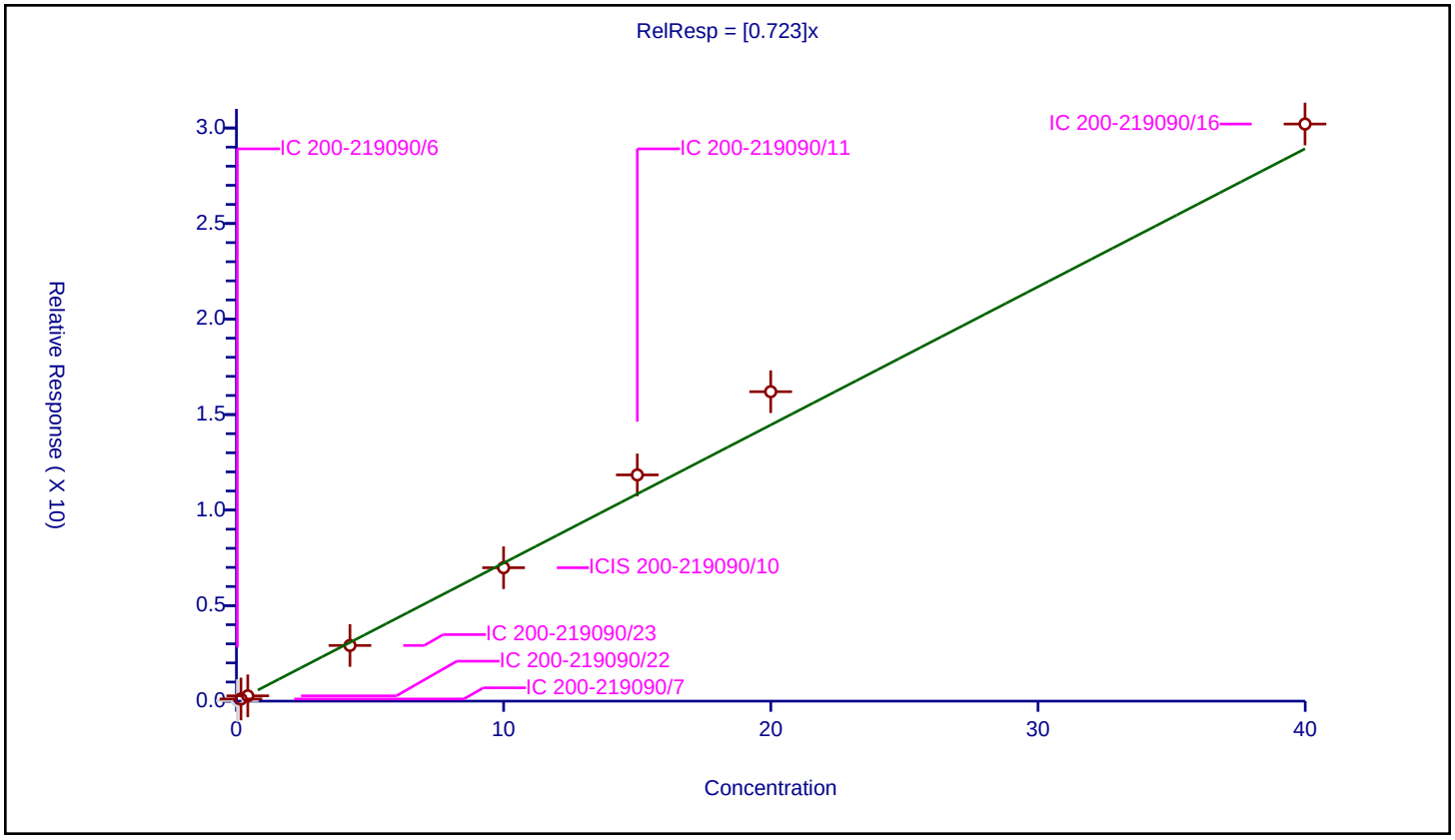
Curve Coefficients

Intercept:	0
Slope:	0.723

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.028936	10.0	596833.0	0.824931	N
2	IC 200-219090/7	0.170374	0.114073	10.0	582611.0	0.669544	Y
3	IC 200-219090/22	0.425385	0.277458	10.0	547182.0	0.652252	Y
4	IC 200-219090/23	4.249175	2.914219	10.0	572040.0	0.685832	Y
5	ICIS 200-219090/10	9.99806	6.983295	10.0	558689.0	0.698465	Y
6	IC 200-219090/11	15.003557	11.841767	10.0	475185.0	0.789264	Y
7	IC 200-219090/15	19.99612	16.197714	10.0	458845.0	0.810043	Y
8	IC 200-219090/16	39.99224	30.208278	10.0	519834.0	0.755353	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

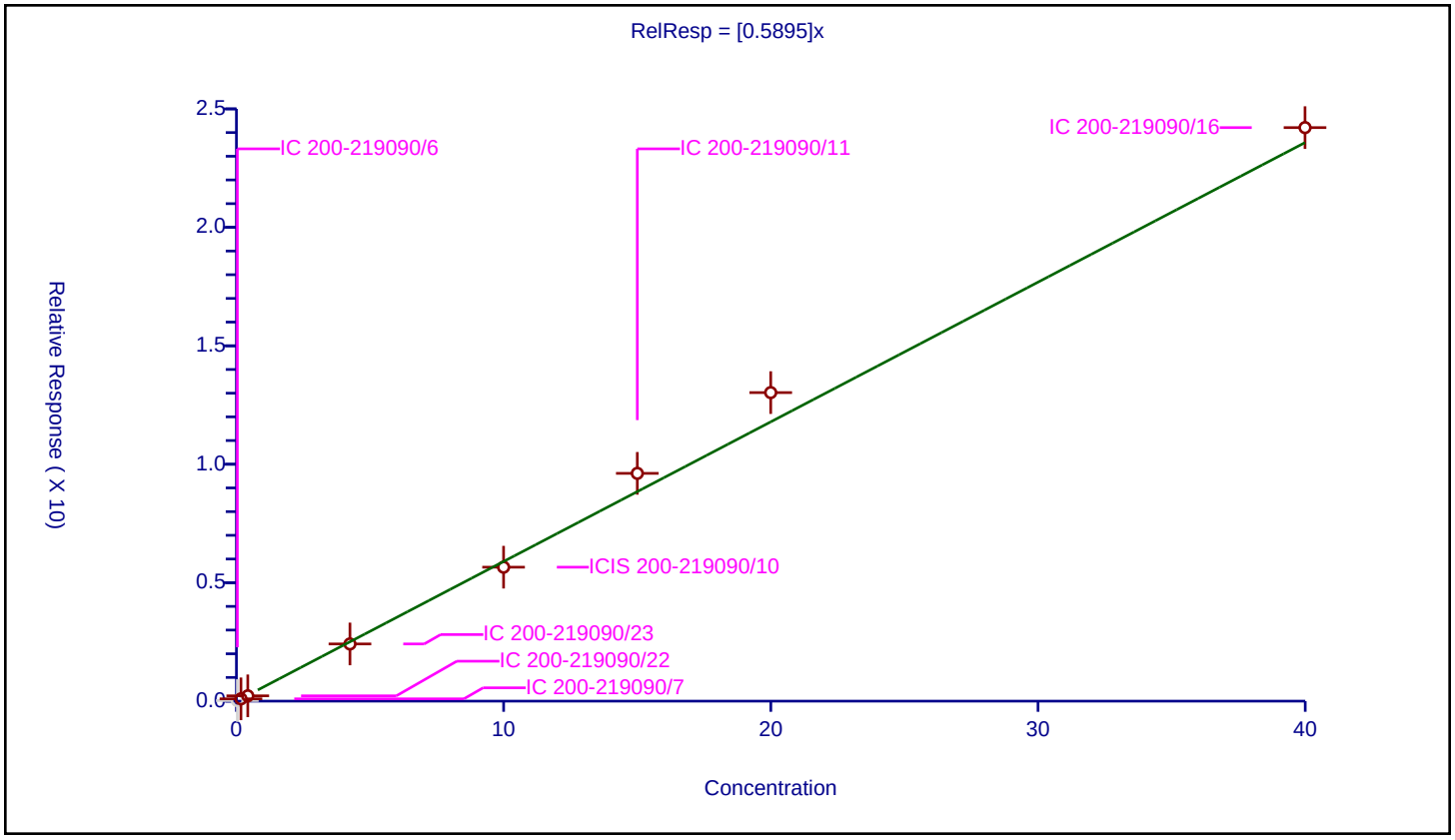
Curve Coefficients

Intercept:	0
Slope:	0.5895

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.024513	10.0	596833.0	0.698827	N
2	IC 200-219090/7	0.170374	0.096685	10.0	582611.0	0.56749	Y
3	IC 200-219090/22	0.425385	0.224678	10.0	547182.0	0.528177	Y
4	IC 200-219090/23	4.249175	2.41387	10.0	572040.0	0.56808	Y
5	ICIS 200-219090/10	9.99806	5.654004	10.0	558689.0	0.56551	Y
6	IC 200-219090/11	15.003557	9.615266	10.0	475185.0	0.640866	Y
7	IC 200-219090/15	19.99612	13.024376	10.0	458845.0	0.651345	Y
8	IC 200-219090/16	39.99224	24.209074	10.0	519834.0	0.605344	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

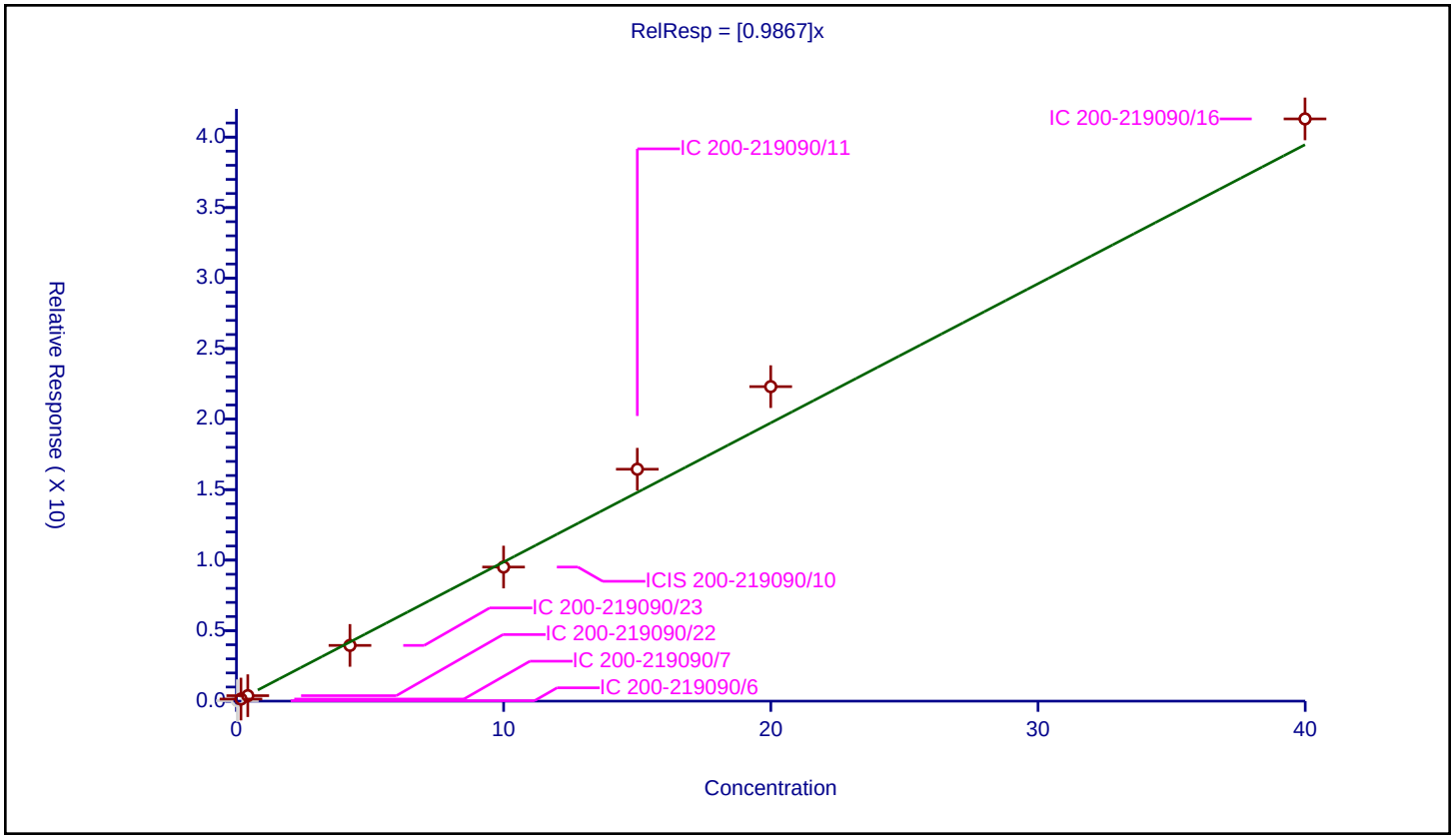
Curve Coefficients

Intercept:	0
Slope:	0.9867

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.030293	10.0	596833.0	0.863622	N
2	IC 200-219090/7	0.170374	0.148298	10.0	582611.0	0.870427	Y
3	IC 200-219090/22	0.425385	0.387714	10.0	547182.0	0.911443	Y
4	IC 200-219090/23	4.249175	3.951944	10.0	572040.0	0.93005	Y
5	ICIS 200-219090/10	9.99806	9.508617	10.0	558689.0	0.951046	Y
6	IC 200-219090/11	15.003557	16.446121	10.0	475185.0	1.096148	Y
7	IC 200-219090/15	19.99612	22.303392	10.0	458845.0	1.115386	Y
8	IC 200-219090/16	39.99224	41.289546	10.0	519834.0	1.032439	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

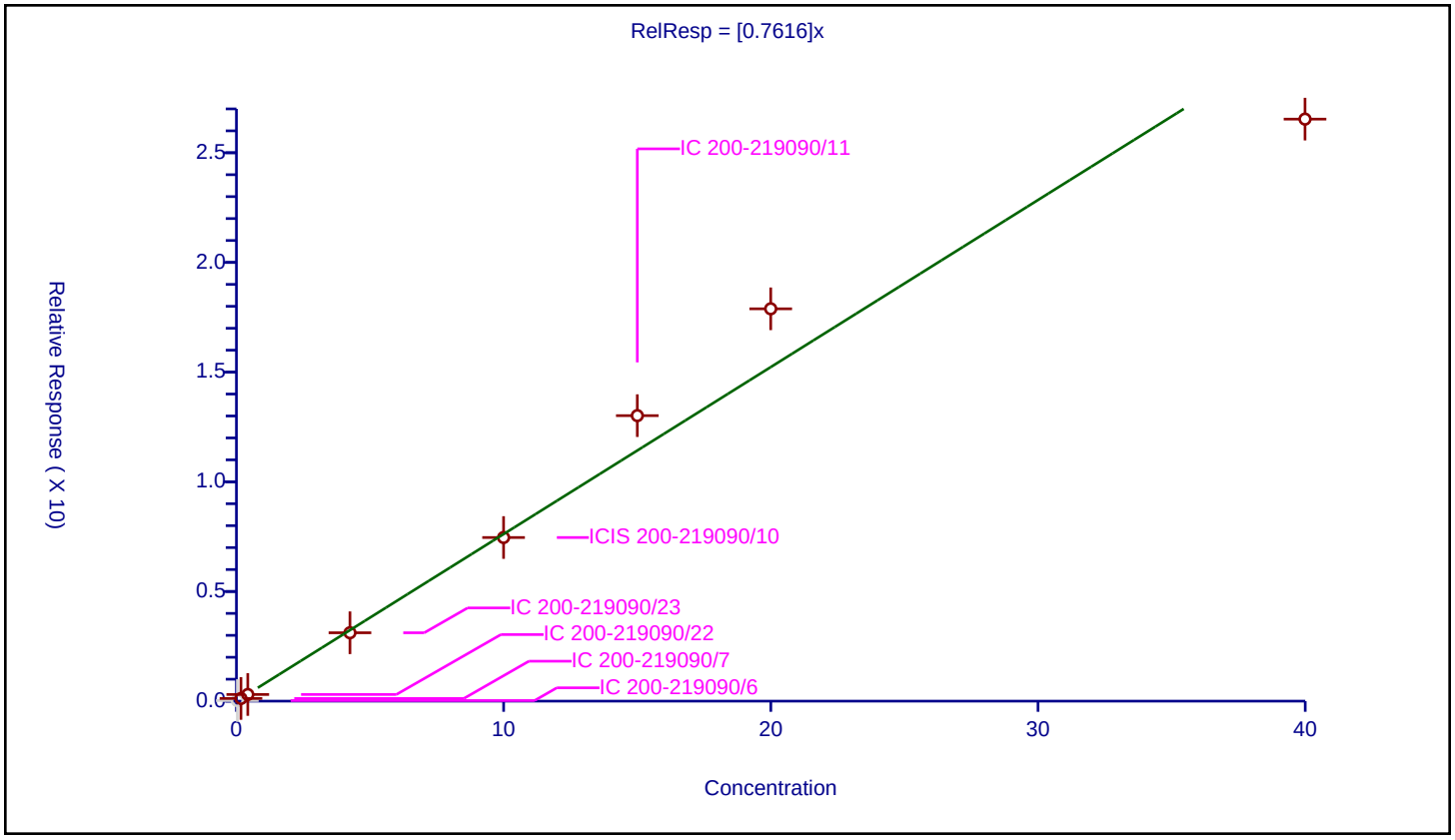
Curve Coefficients

Intercept:	0
Slope:	0.7616

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.025786	10.0	596833.0	0.73513	N
2	IC 200-219090/7	0.170374	0.121728	10.0	582611.0	0.714476	Y
3	IC 200-219090/22	0.425385	0.302623	10.0	547182.0	0.711411	Y
4	IC 200-219090/23	4.249175	3.11716	10.0	572040.0	0.733592	Y
5	ICIS 200-219090/10	9.99806	7.459177	10.0	558689.0	0.746062	Y
6	IC 200-219090/11	15.003557	13.015289	10.0	475185.0	0.86748	Y
7	IC 200-219090/15	19.99612	17.886476	10.0	458845.0	0.894497	Y
8	IC 200-219090/16	39.99224	26.534047	10.0	519834.0	0.66348	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

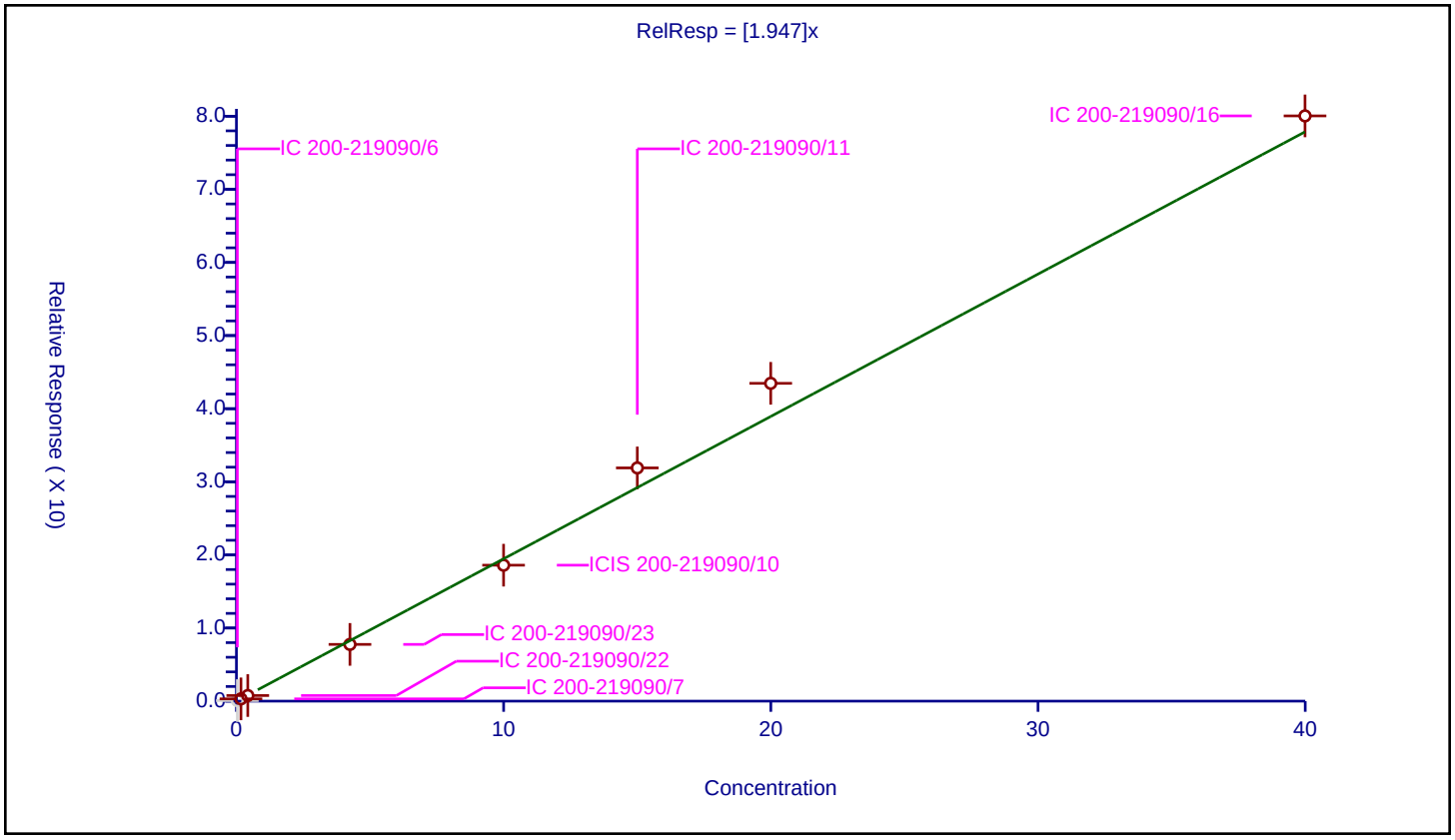
Curve Coefficients

Intercept:	0
Slope:	1.947

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.075951	10.0	596833.0	2.165266	N
2	IC 200-219090/7	0.170374	0.313005	10.0	582611.0	1.837166	Y
3	IC 200-219090/22	0.425385	0.767313	10.0	547182.0	1.80381	Y
4	IC 200-219090/23	4.249175	7.75979	10.0	572040.0	1.826187	Y
5	ICIS 200-219090/10	9.99806	18.592312	10.0	558689.0	1.859592	Y
6	IC 200-219090/11	15.003557	31.898082	10.0	475185.0	2.126035	Y
7	IC 200-219090/15	19.99612	43.464874	10.0	458845.0	2.173665	Y
8	IC 200-219090/16	39.99224	80.042206	10.0	519834.0	2.001443	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

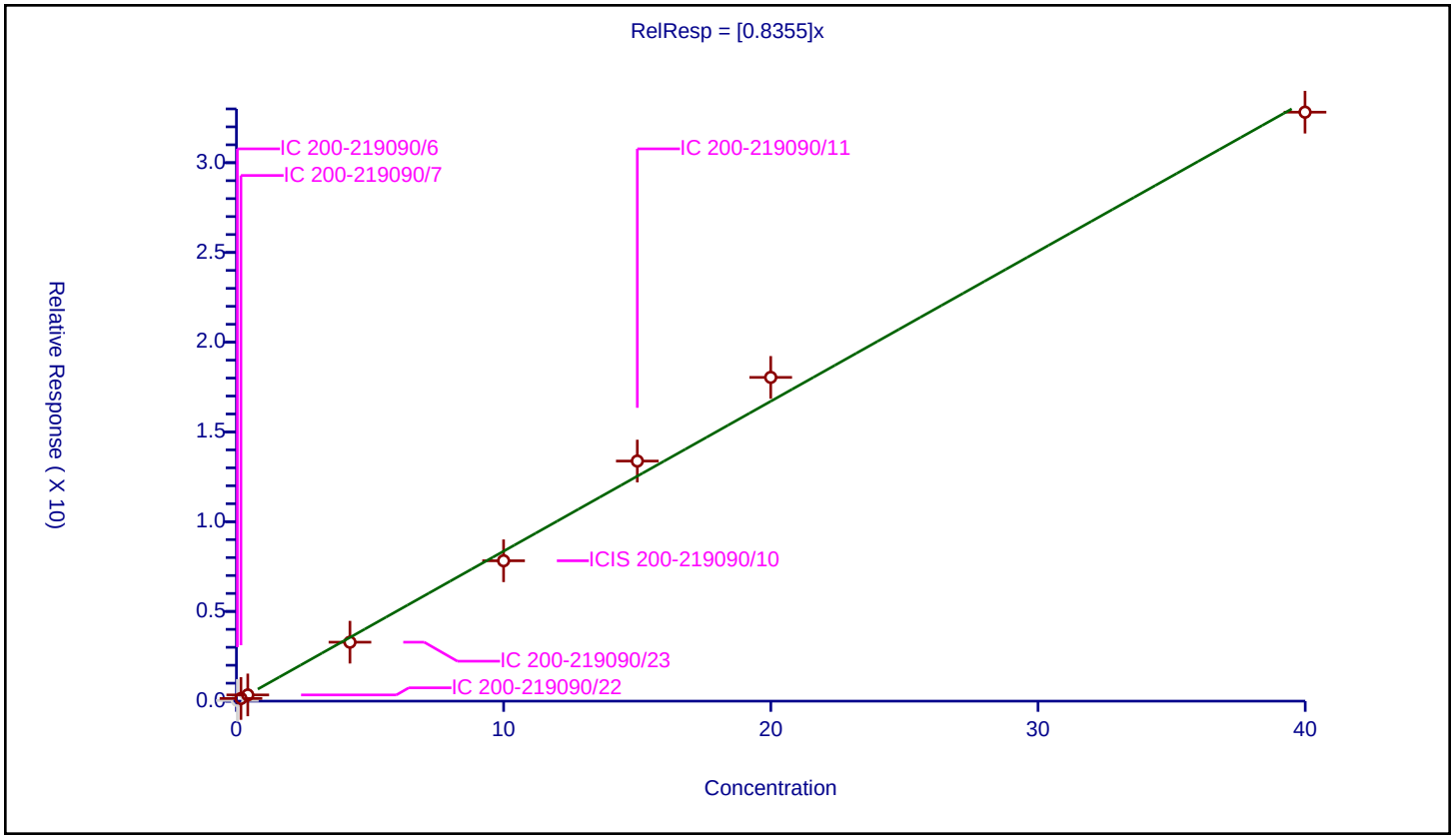
Curve Coefficients

Intercept:	0
Slope:	0.8355

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.039224	10.0	596833.0	1.118219	N
2	IC 200-219090/7	0.170374	0.147508	10.0	582611.0	0.865793	Y
3	IC 200-219090/22	0.425385	0.345881	10.0	547182.0	0.813102	Y
4	IC 200-219090/23	4.249175	3.28477	10.0	572040.0	0.773037	Y
5	ICIS 200-219090/10	9.99806	7.82165	10.0	558689.0	0.782317	Y
6	IC 200-219090/11	15.003557	13.378432	10.0	475185.0	0.891684	Y
7	IC 200-219090/15	19.99612	18.039599	10.0	458845.0	0.902155	Y
8	IC 200-219090/16	39.99224	32.81763	10.0	519834.0	0.8206	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

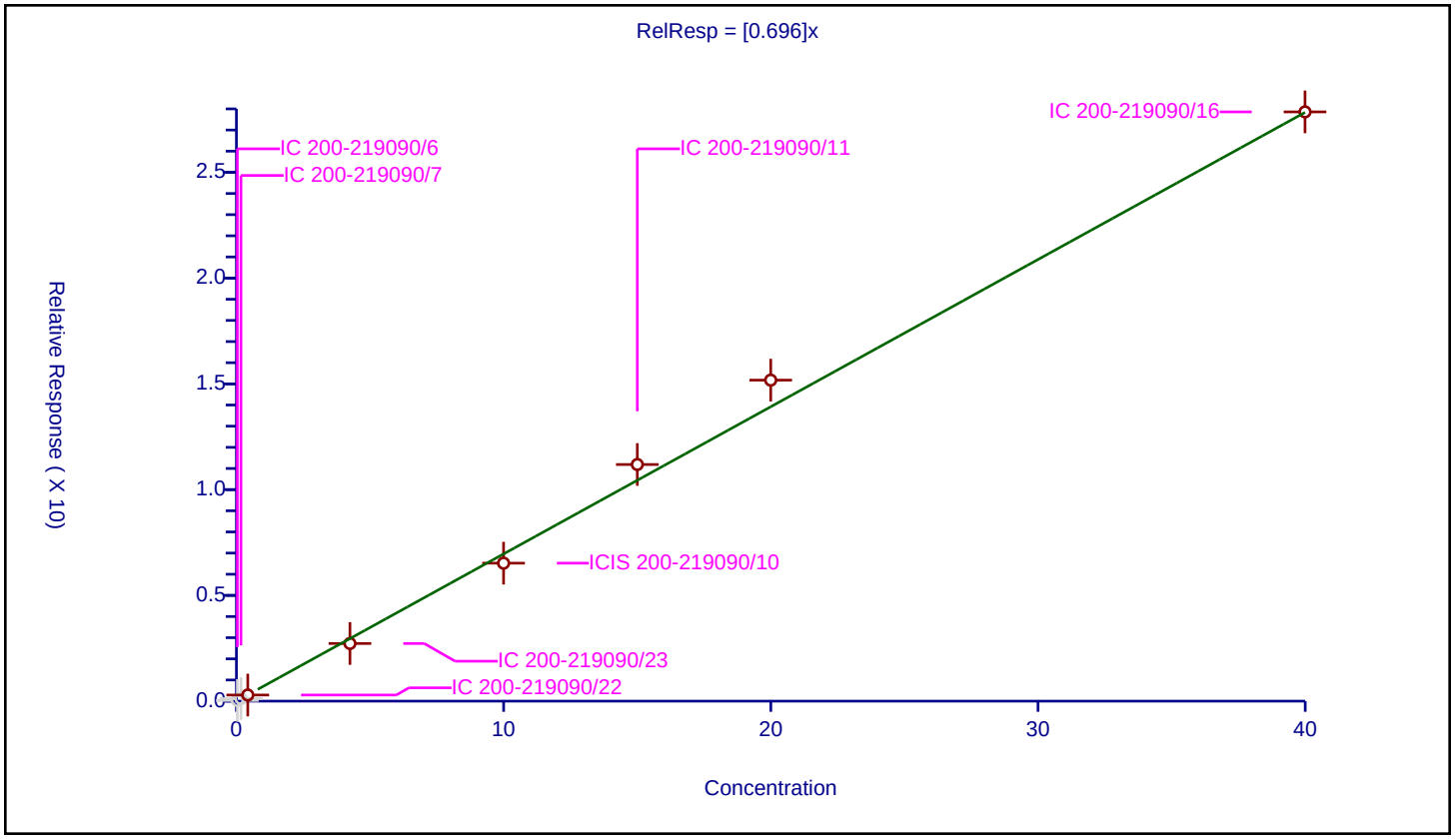
Curve Coefficients

Intercept:	0
Slope:	0.696

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.032857	10.0	596833.0	0.936705	N
2	IC 200-219090/7	0.170374	0.119634	10.0	582611.0	0.702185	N
3	IC 200-219090/22	0.425385	0.289648	10.0	547182.0	0.680908	Y
4	IC 200-219090/23	4.249175	2.725089	10.0	572040.0	0.641322	Y
5	ICIS 200-219090/10	9.99806	6.523039	10.0	558689.0	0.65243	Y
6	IC 200-219090/11	15.003557	11.18739	10.0	475185.0	0.745649	Y
7	IC 200-219090/15	19.99612	15.176345	10.0	458845.0	0.758964	Y
8	IC 200-219090/16	39.99224	27.857951	10.0	519834.0	0.696584	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

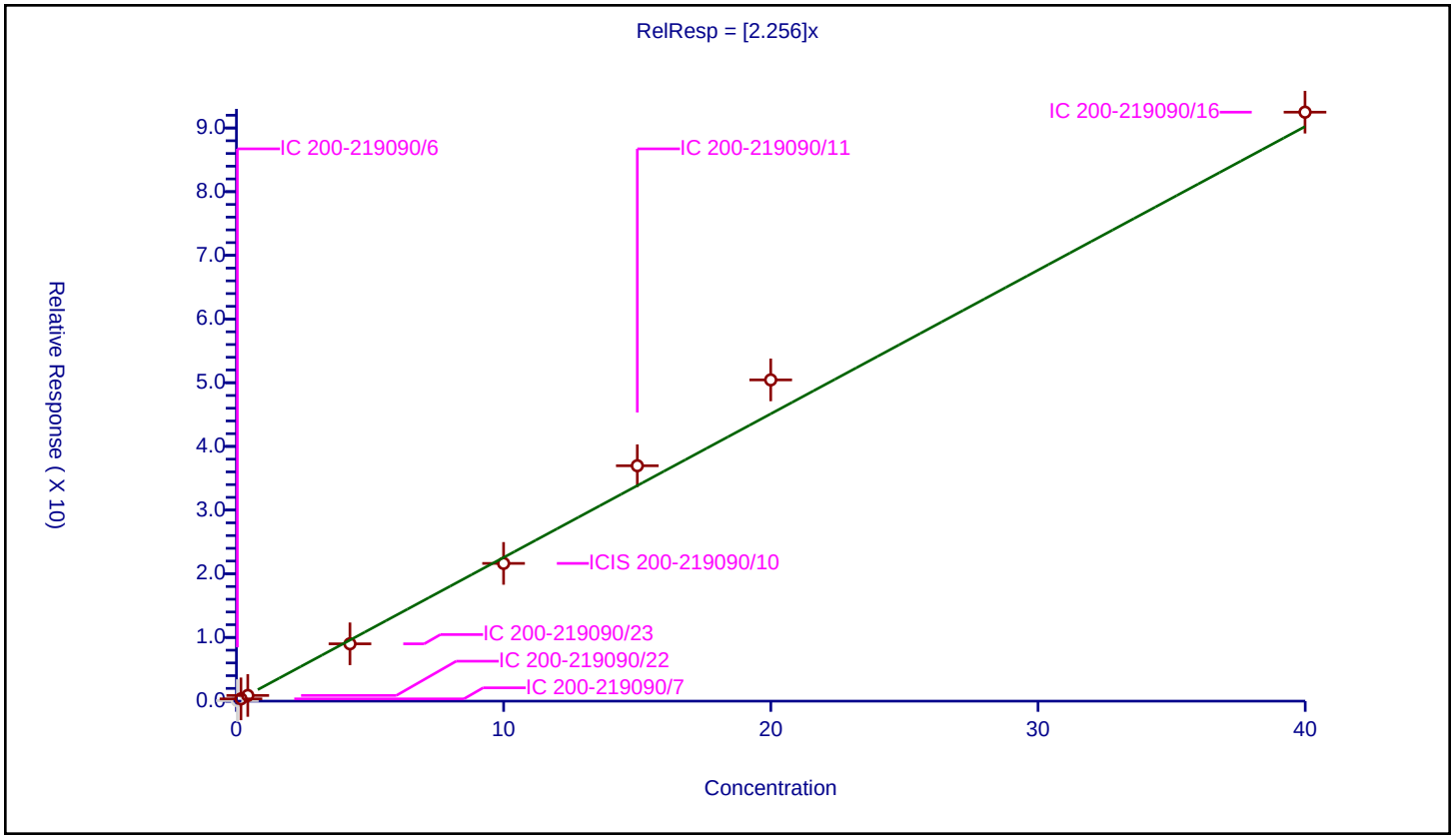
Curve Coefficients

Intercept:	0
Slope:	2.256

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.083457	10.0	596833.0	2.37926	N
2	IC 200-219090/7	0.170374	0.359554	10.0	582611.0	2.110383	Y
3	IC 200-219090/22	0.425385	0.893816	10.0	547182.0	2.101194	Y
4	IC 200-219090/23	4.249175	9.001573	10.0	572040.0	2.118428	Y
5	ICIS 200-219090/10	9.99806	21.629135	10.0	558689.0	2.163333	Y
6	IC 200-219090/11	15.003557	36.963309	10.0	475185.0	2.463636	Y
7	IC 200-219090/15	19.99612	50.443418	10.0	458845.0	2.52266	Y
8	IC 200-219090/16	39.99224	92.486467	10.0	519834.0	2.31261	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

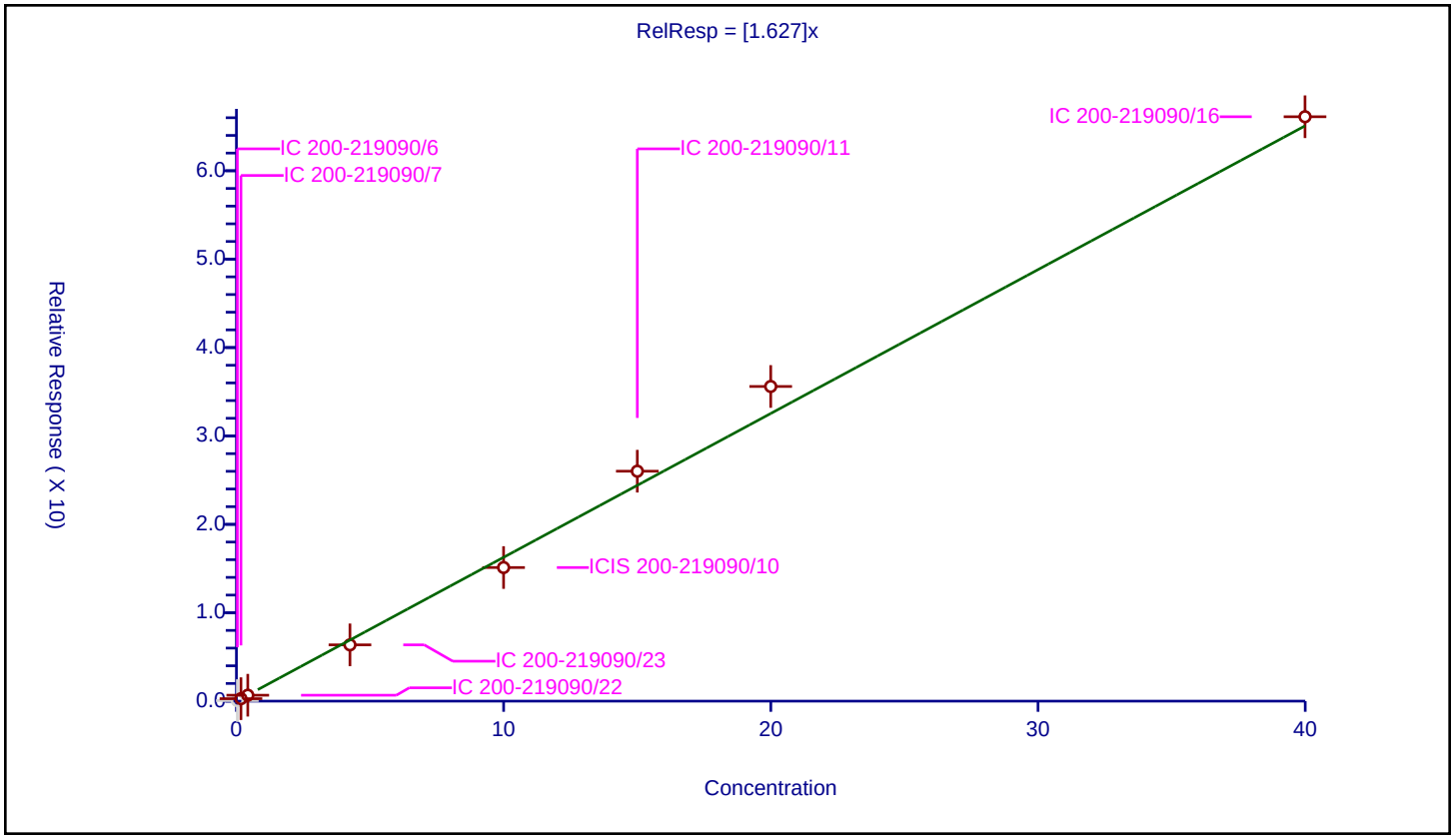
Curve Coefficients

Intercept:	0
Slope:	1.627

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.063049	10.0	596833.0	1.797462	N
2	IC 200-219090/7	0.170374	0.278402	10.0	582611.0	1.634066	Y
3	IC 200-219090/22	0.425385	0.671513	10.0	547182.0	1.578602	Y
4	IC 200-219090/23	4.249175	6.369065	10.0	572040.0	1.498894	Y
5	ICIS 200-219090/10	9.99806	15.11621	10.0	558689.0	1.511914	Y
6	IC 200-219090/11	15.003557	26.014226	10.0	475185.0	1.733871	Y
7	IC 200-219090/15	19.99612	35.596356	10.0	458845.0	1.780163	Y
8	IC 200-219090/16	39.99224	66.11147	10.0	519834.0	1.653107	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

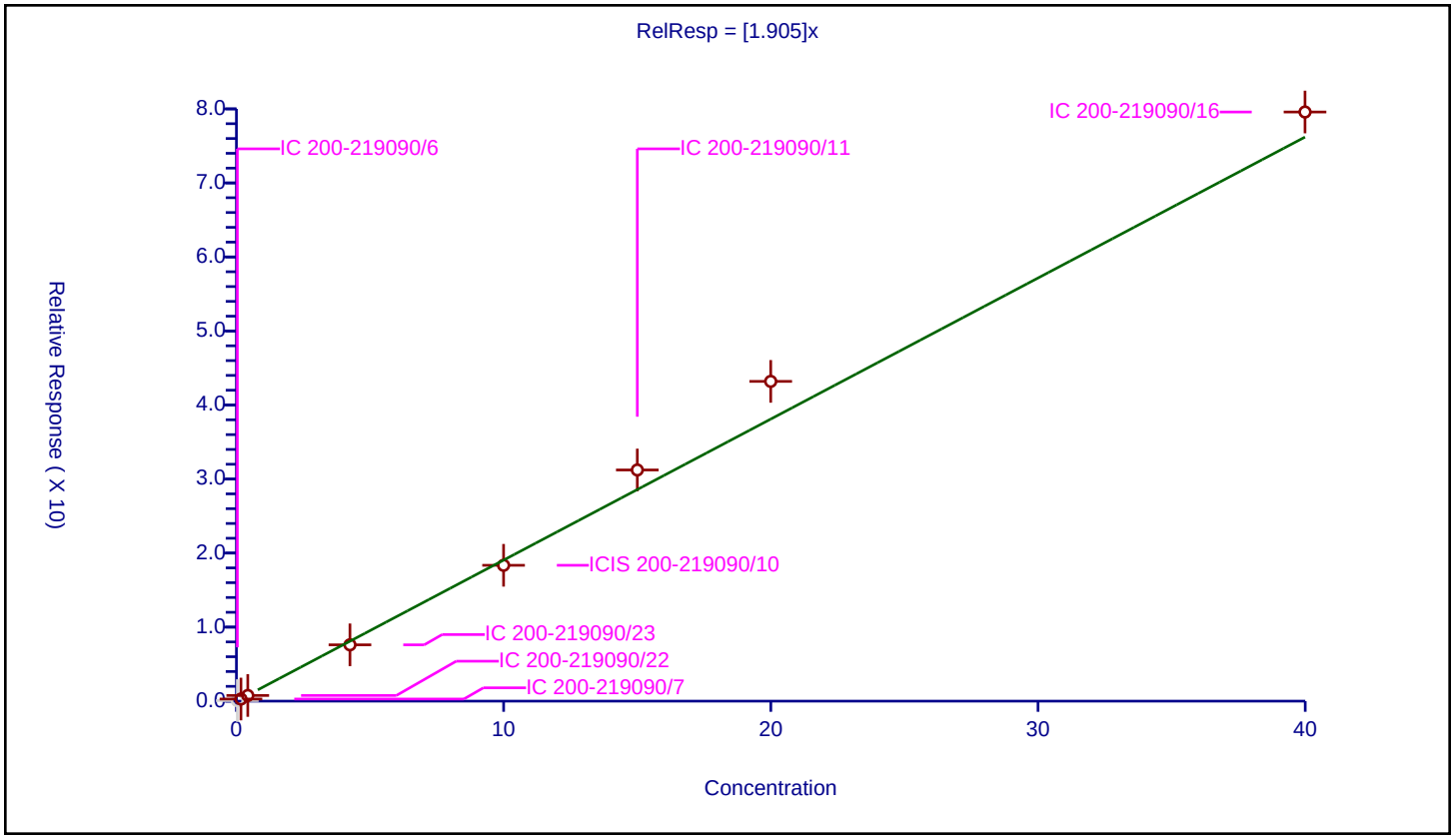
Curve Coefficients

Intercept:	0
Slope:	1.905

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.072164	10.0	596833.0	2.057313	N
2	IC 200-219090/7	0.170374	0.286623	10.0	582611.0	1.682322	Y
3	IC 200-219090/22	0.425385	0.764554	10.0	547182.0	1.797323	Y
4	IC 200-219090/23	4.249175	7.607912	10.0	572040.0	1.790444	Y
5	ICIS 200-219090/10	9.99806	18.351033	10.0	558689.0	1.835459	Y
6	IC 200-219090/11	15.003557	31.226112	10.0	475185.0	2.081247	Y
7	IC 200-219090/15	19.99612	43.190337	10.0	458845.0	2.159936	Y
8	IC 200-219090/16	39.99224	79.577481	10.0	519834.0	1.989823	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

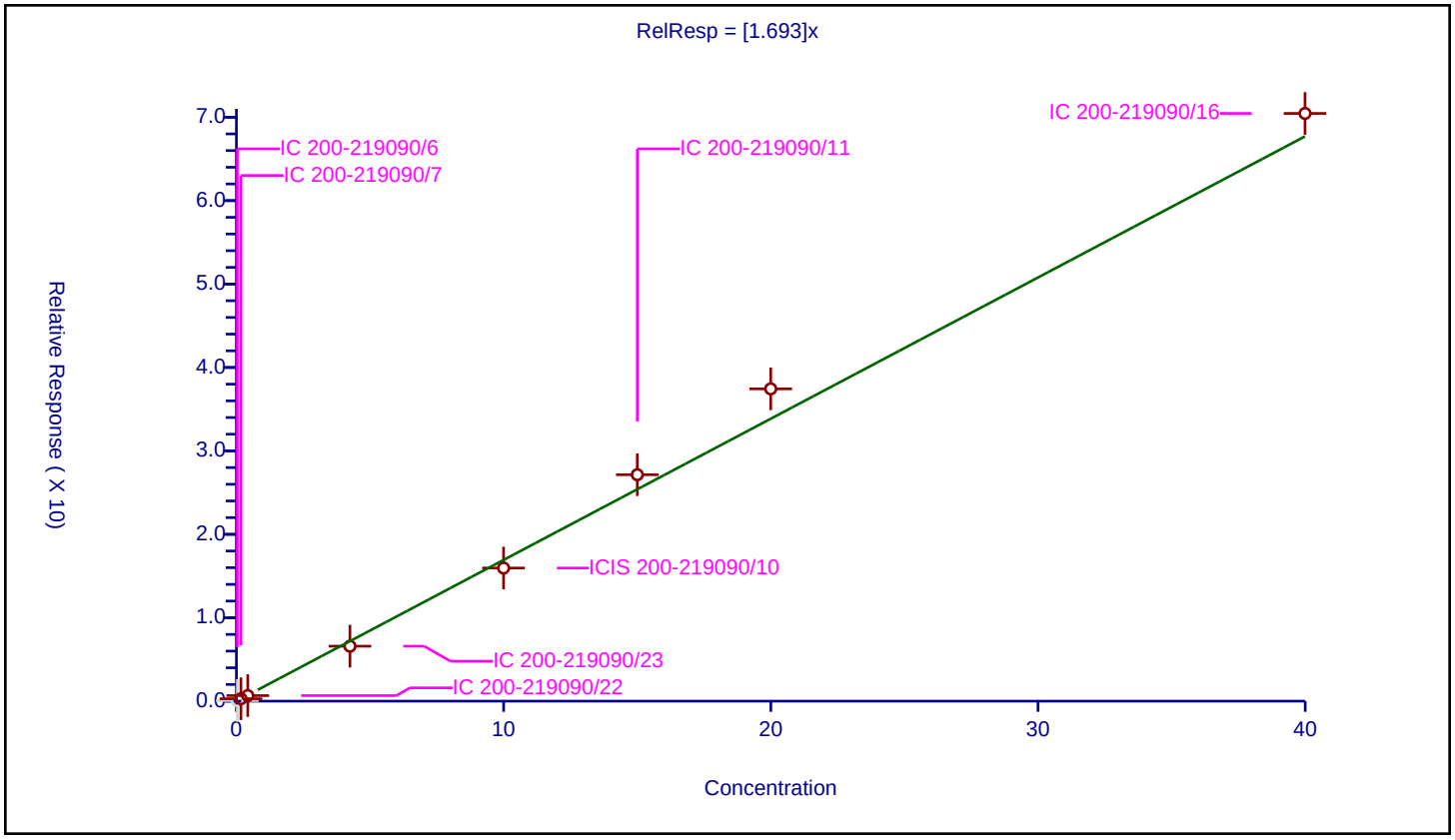
Curve Coefficients

Intercept:	0
Slope:	1.693

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.070707	10.0	596833.0	2.015756	N
2	IC 200-219090/7	0.170374	0.289164	10.0	582611.0	1.697232	Y
3	IC 200-219090/22	0.425385	0.665245	10.0	547182.0	1.563866	Y
4	IC 200-219090/23	4.249175	6.587214	10.0	572040.0	1.550234	Y
5	ICIS 200-219090/10	9.99806	15.955979	10.0	558689.0	1.595908	Y
6	IC 200-219090/11	15.003557	27.143765	10.0	475185.0	1.809155	Y
7	IC 200-219090/15	19.99612	37.438111	10.0	458845.0	1.872269	Y
8	IC 200-219090/16	39.99224	70.455241	10.0	519834.0	1.761723	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

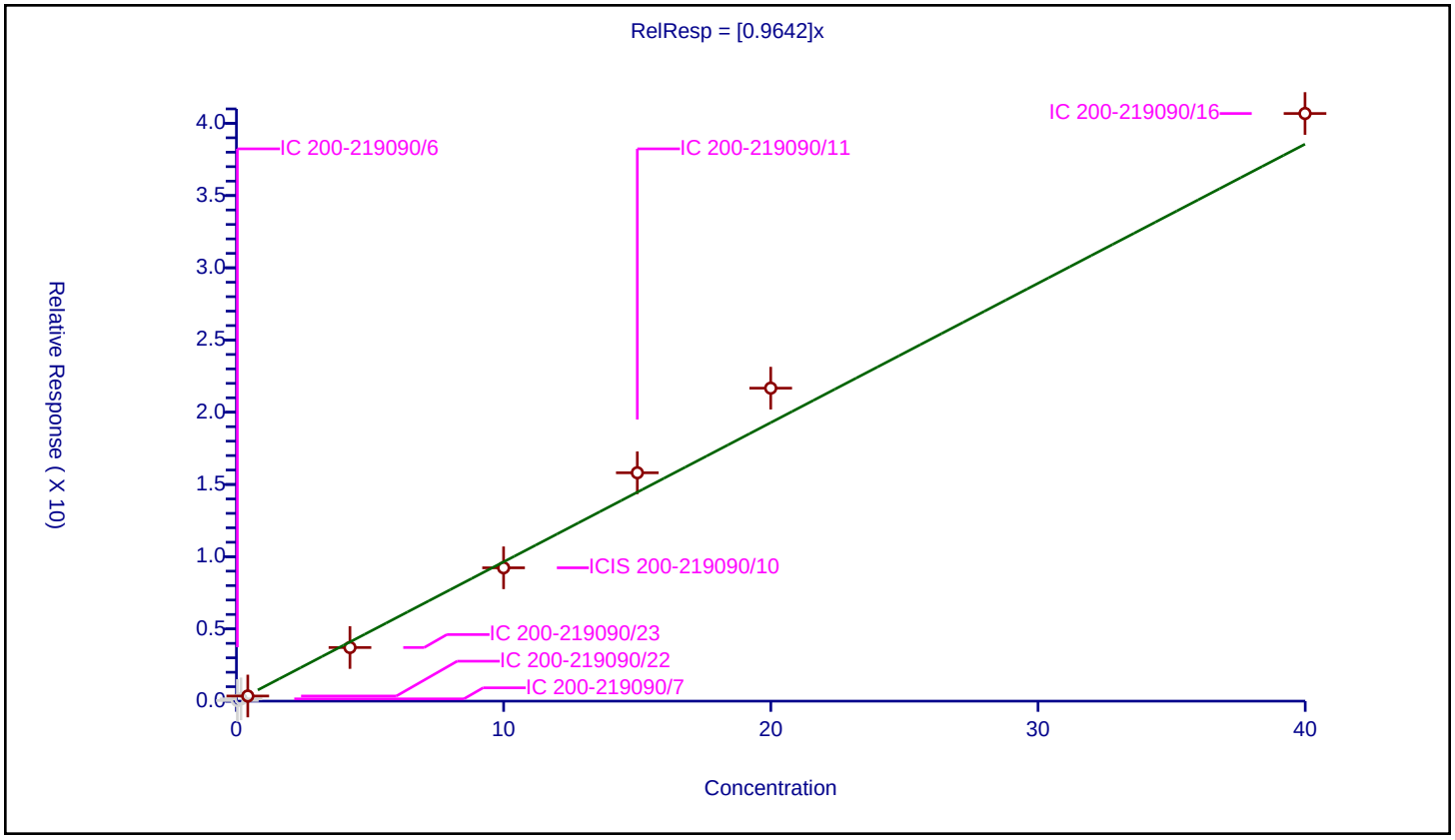
Curve Coefficients

Intercept:	0
Slope:	0.9642

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.043848	10.0	596833.0	1.250055	N
2	IC 200-219090/7	0.170374	0.15827	10.0	582611.0	0.928959	N
3	IC 200-219090/22	0.425385	0.354599	10.0	547182.0	0.833595	Y
4	IC 200-219090/23	4.249175	3.711926	10.0	572040.0	0.873564	Y
5	ICIS 200-219090/10	9.99806	9.231558	10.0	558689.0	0.923335	Y
6	IC 200-219090/11	15.003557	15.809779	10.0	475185.0	1.053735	Y
7	IC 200-219090/15	19.99612	21.66699	10.0	458845.0	1.08356	Y
8	IC 200-219090/16	39.99224	40.681583	10.0	519834.0	1.017237	Y



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Calibration / Alpha Methyl Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

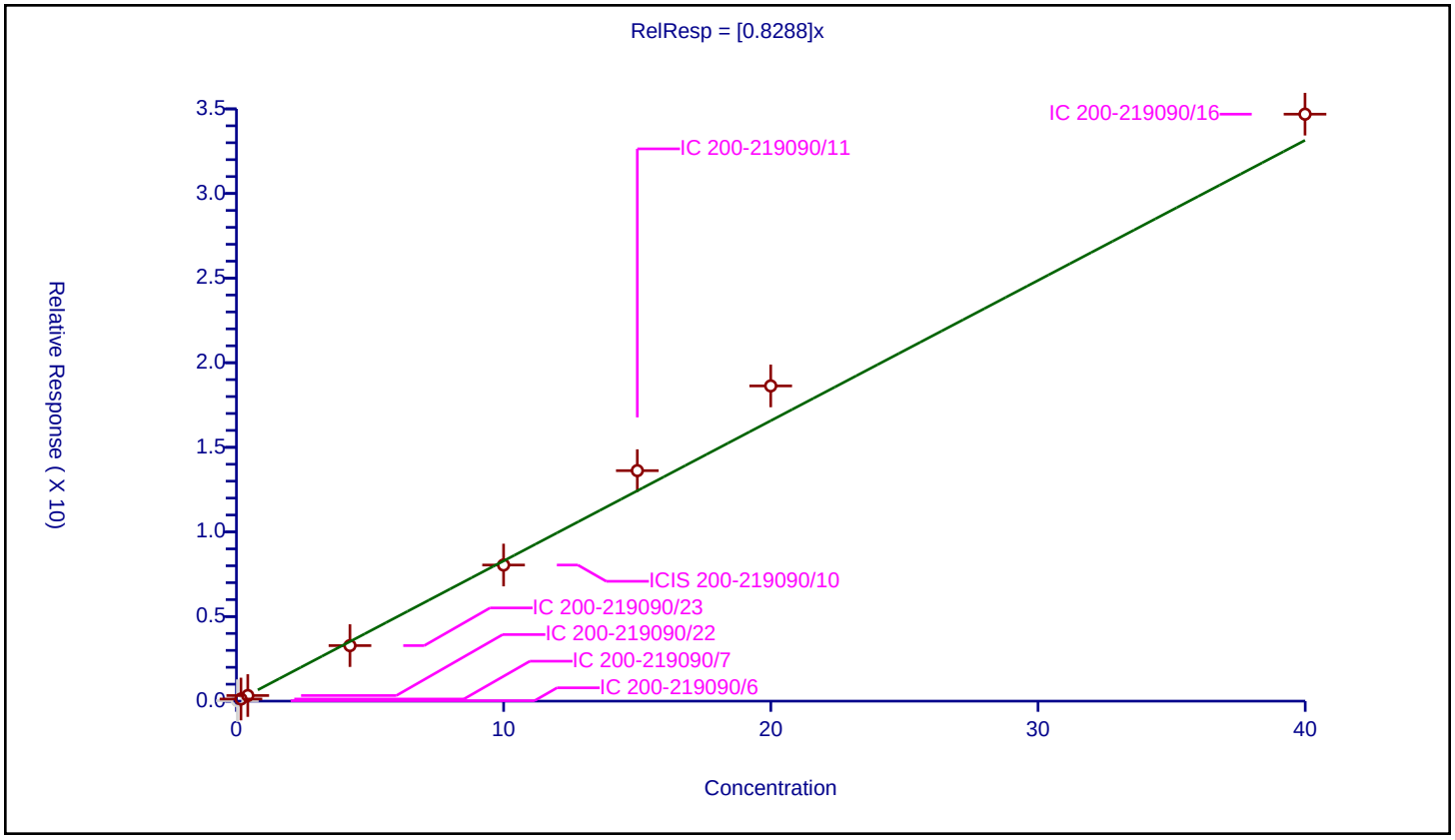
Curve Coefficients

Intercept:	0
Slope:	0.8288

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.026389	10.0	596833.0	0.752326	N
2	IC 200-219090/7	0.170374	0.125641	10.0	582611.0	0.737445	Y
3	IC 200-219090/22	0.425385	0.331773	10.0	547182.0	0.779935	Y
4	IC 200-219090/23	4.249175	3.281764	10.0	572040.0	0.772329	Y
5	ICIS 200-219090/10	9.99806	8.044583	10.0	558689.0	0.804614	Y
6	IC 200-219090/11	15.003557	13.621958	10.0	475185.0	0.907915	Y
7	IC 200-219090/15	19.99612	18.629341	10.0	458845.0	0.931648	Y
8	IC 200-219090/16	39.99224	34.688574	10.0	519834.0	0.867383	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

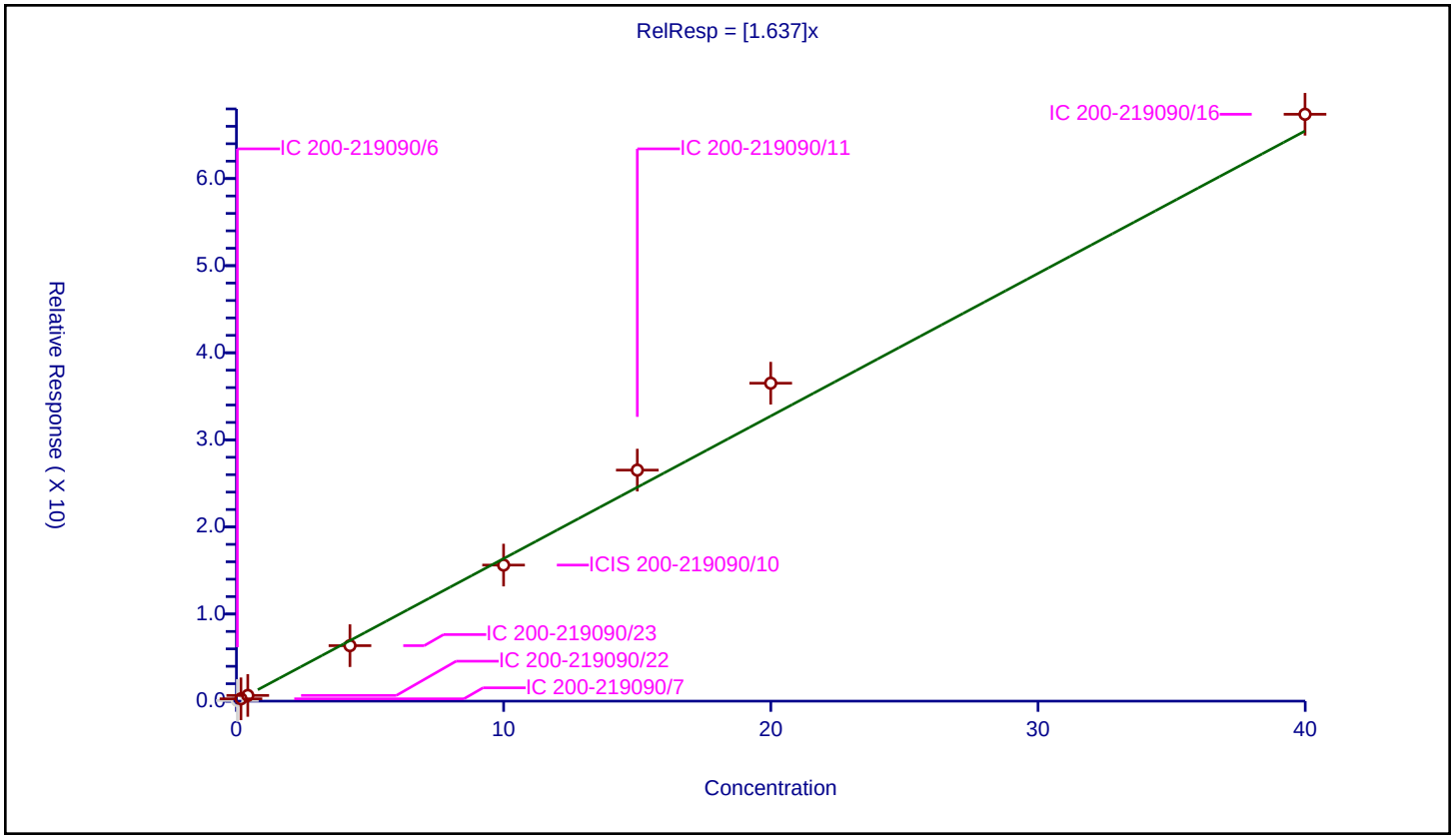
Curve Coefficients

Intercept:	0
Slope:	1.637

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.070405	10.0	596833.0	2.007158	N
2	IC 200-219090/7	0.170374	0.267863	10.0	582611.0	1.572209	Y
3	IC 200-219090/22	0.425385	0.657332	10.0	547182.0	1.545264	Y
4	IC 200-219090/23	4.249175	6.372142	10.0	572040.0	1.499618	Y
5	ICIS 200-219090/10	9.99806	15.622591	10.0	558689.0	1.562562	Y
6	IC 200-219090/11	15.003557	26.525437	10.0	475185.0	1.767943	Y
7	IC 200-219090/15	19.99612	36.505988	10.0	458845.0	1.825654	Y
8	IC 200-219090/16	39.99224	67.383068	10.0	519834.0	1.684904	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

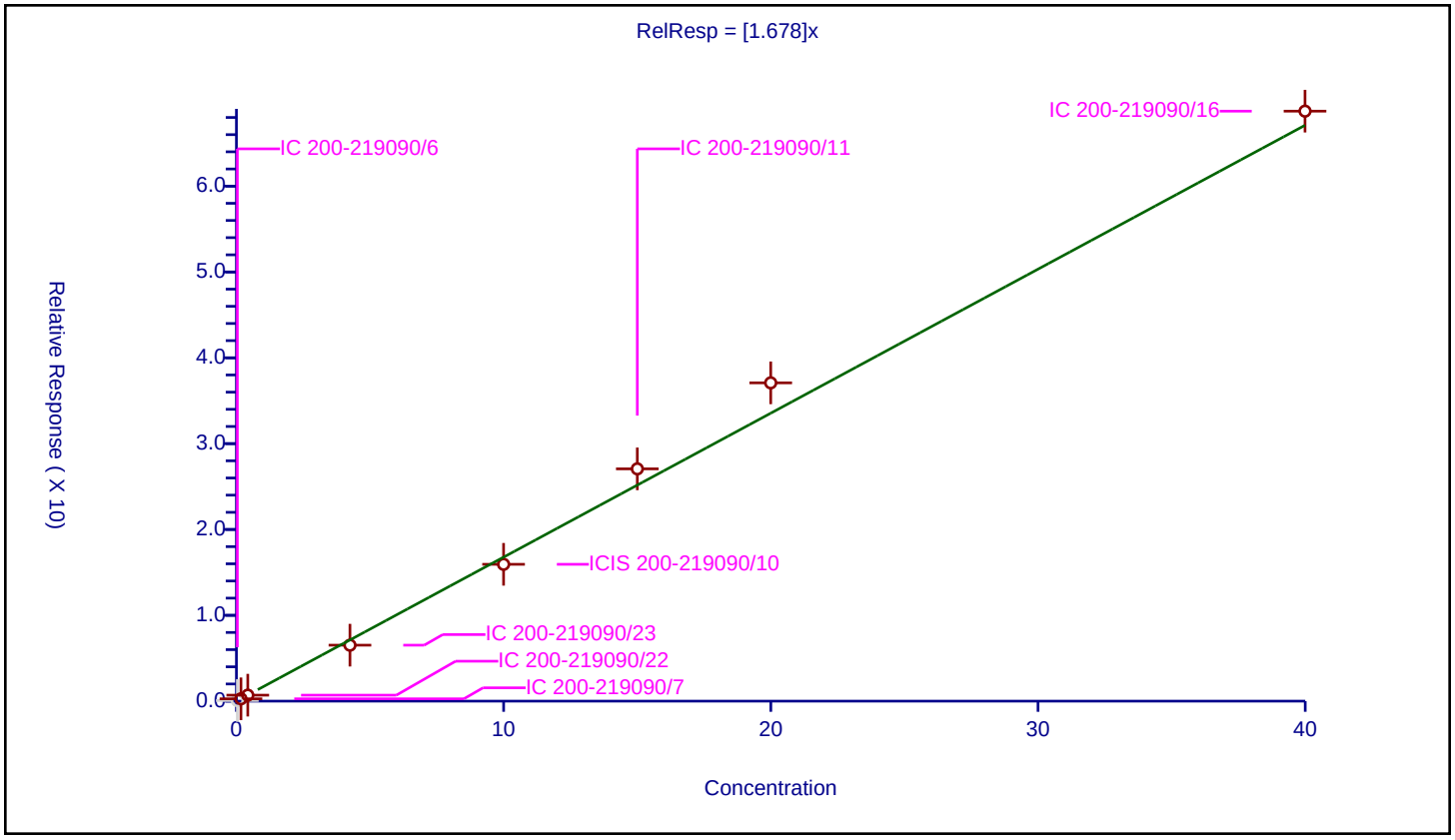
Curve Coefficients

Intercept:	0
Slope:	1.678

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.070187	10.0	596833.0	2.000948	N
2	IC 200-219090/7	0.170374	0.272206	10.0	582611.0	1.597697	Y
3	IC 200-219090/22	0.425385	0.697592	10.0	547182.0	1.639909	Y
4	IC 200-219090/23	4.249175	6.519509	10.0	572040.0	1.5343	Y
5	ICIS 200-219090/10	9.99806	15.940443	10.0	558689.0	1.594354	Y
6	IC 200-219090/11	15.003557	27.061881	10.0	475185.0	1.803698	Y
7	IC 200-219090/15	19.99612	37.082457	10.0	458845.0	1.854483	Y
8	IC 200-219090/16	39.99224	68.736693	10.0	519834.0	1.718751	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

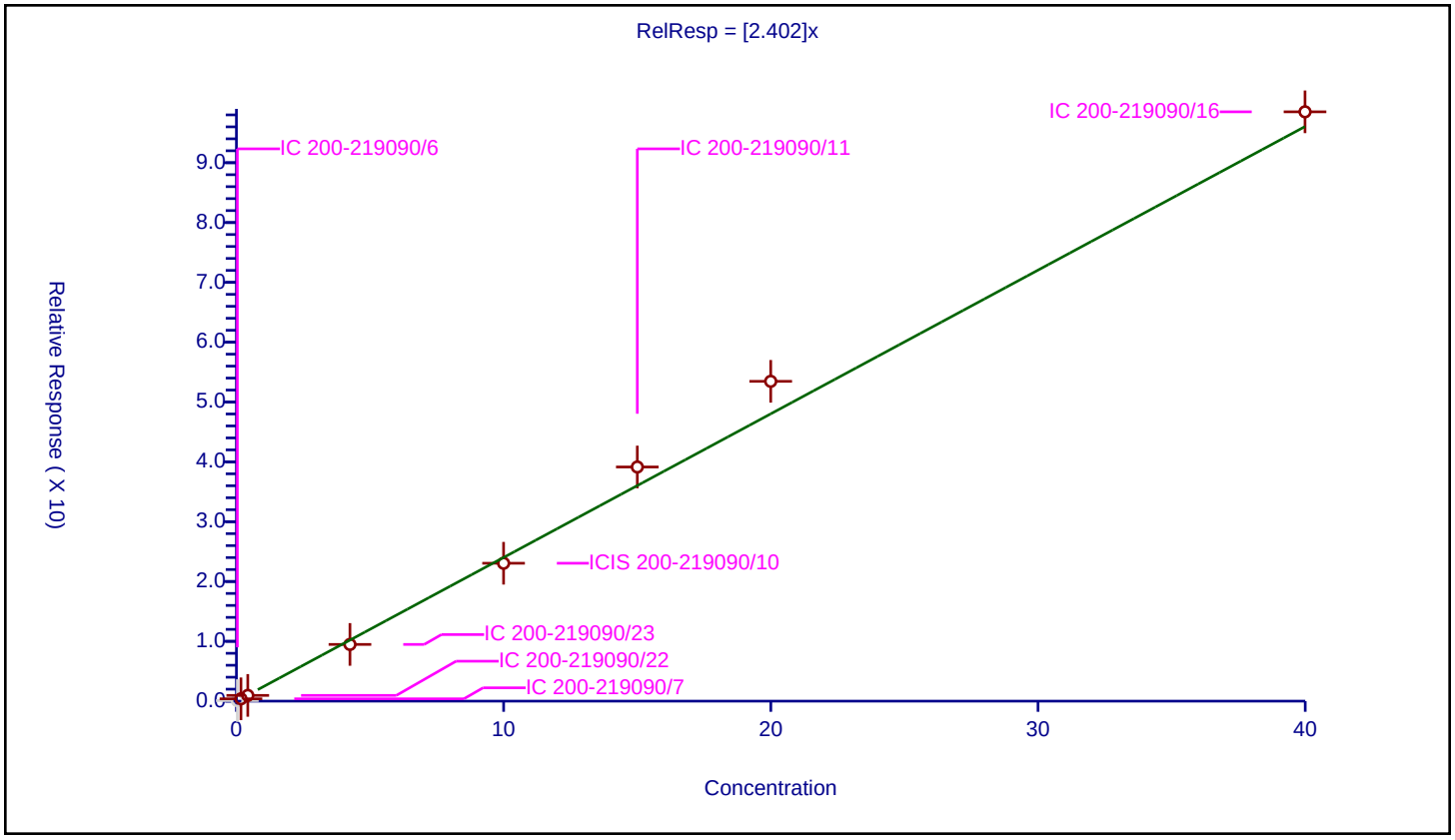
Curve Coefficients

Intercept:	0
Slope:	2.402

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.08959	10.0	596833.0	2.554087	N
2	IC 200-219090/7	0.170374	0.387394	10.0	582611.0	2.27379	Y
3	IC 200-219090/22	0.425385	0.959315	10.0	547182.0	2.255171	Y
4	IC 200-219090/23	4.249175	9.480264	10.0	572040.0	2.231083	Y
5	ICIS 200-219090/10	9.99806	23.051519	10.0	558689.0	2.305599	Y
6	IC 200-219090/11	15.003557	39.139682	10.0	475185.0	2.608694	Y
7	IC 200-219090/15	19.99612	53.457551	10.0	458845.0	2.673396	Y
8	IC 200-219090/16	39.99224	98.511506	10.0	519834.0	2.463266	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

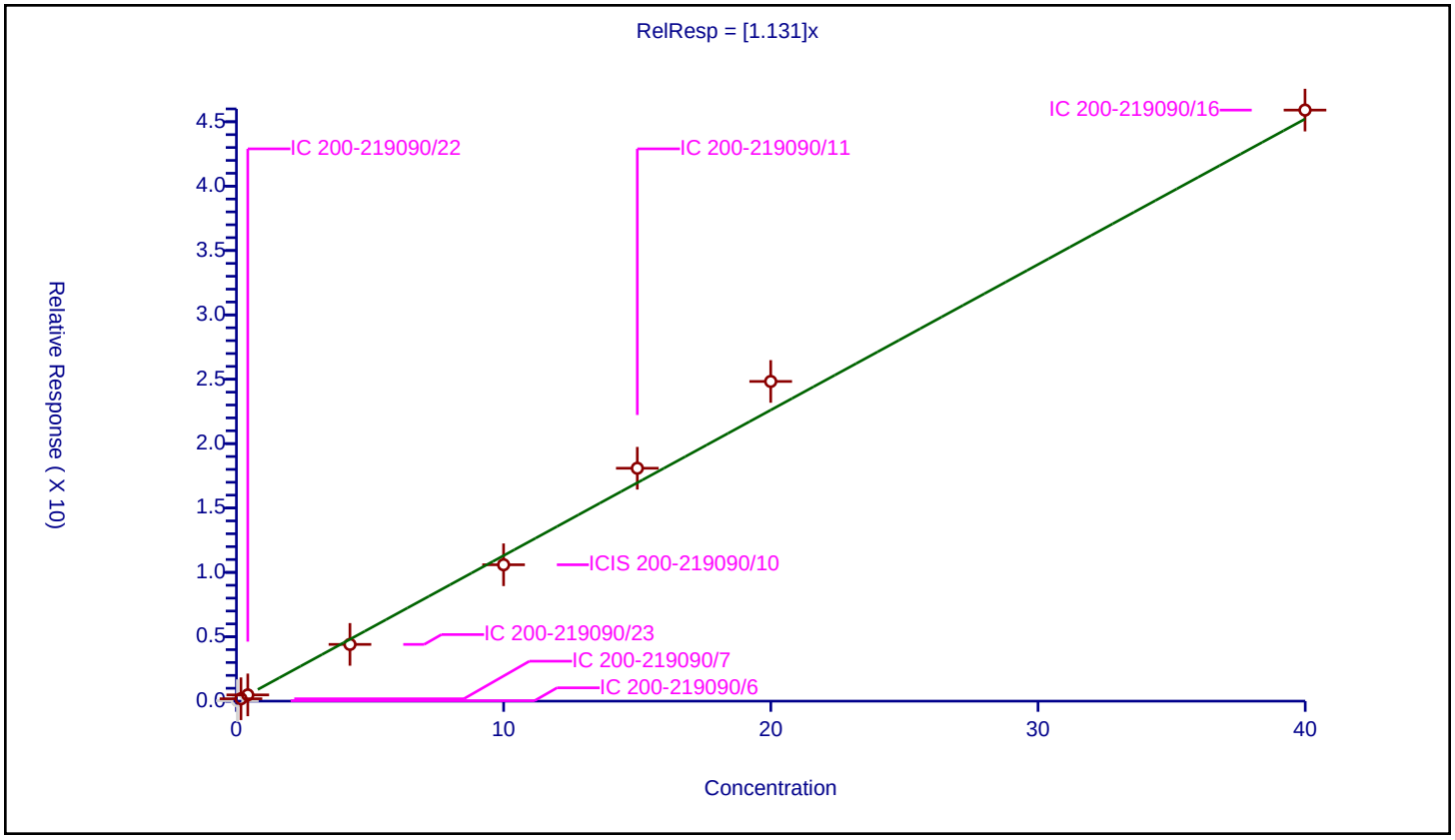
Curve Coefficients

Intercept:	0
Slope:	1.131

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.034314	10.0	596833.0	0.978262	N
2	IC 200-219090/7	0.170374	0.18436	10.0	582611.0	1.08209	Y
3	IC 200-219090/22	0.425385	0.484921	10.0	547182.0	1.139959	Y
4	IC 200-219090/23	4.249175	4.407052	10.0	572040.0	1.037155	Y
5	ICIS 200-219090/10	9.99806	10.591689	10.0	558689.0	1.059374	Y
6	IC 200-219090/11	15.003557	18.089186	10.0	475185.0	1.20566	Y
7	IC 200-219090/15	19.99612	24.831043	10.0	458845.0	1.241793	Y
8	IC 200-219090/16	39.99224	45.907347	10.0	519834.0	1.147906	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

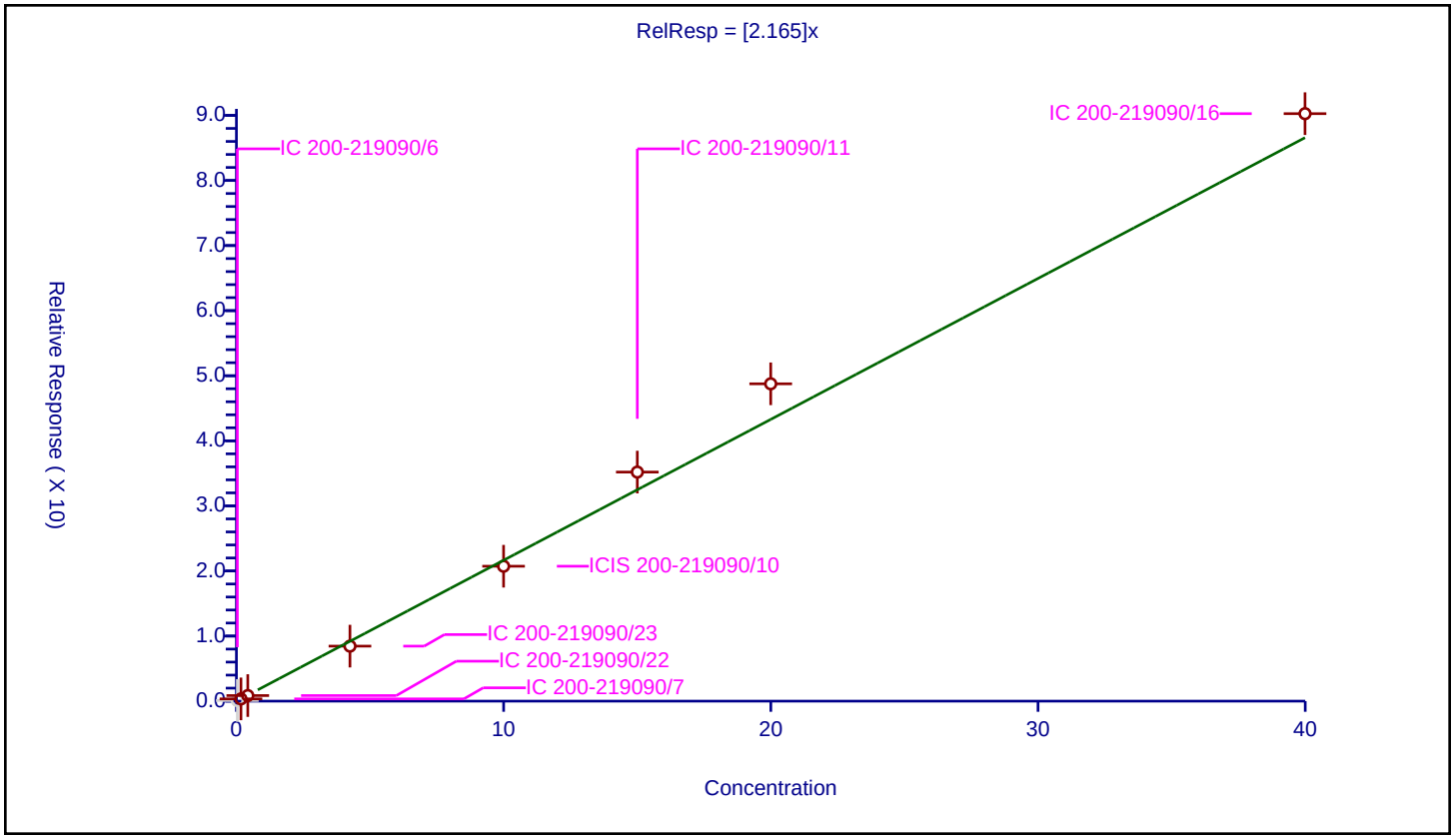
Curve Coefficients

Intercept:	0
Slope:	2.165

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.095353	10.0	596833.0	2.718404	N
2	IC 200-219090/7	0.170374	0.345943	10.0	582611.0	2.030493	Y
3	IC 200-219090/22	0.425385	0.859038	10.0	547182.0	2.019437	Y
4	IC 200-219090/23	4.249175	8.451542	10.0	572040.0	1.988984	Y
5	ICIS 200-219090/10	9.99806	20.73046	10.0	558689.0	2.073448	Y
6	IC 200-219090/11	15.003557	35.197197	10.0	475185.0	2.345924	Y
7	IC 200-219090/15	19.99612	48.759734	10.0	458845.0	2.43846	Y
8	IC 200-219090/16	39.99224	90.266258	10.0	519834.0	2.257094	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

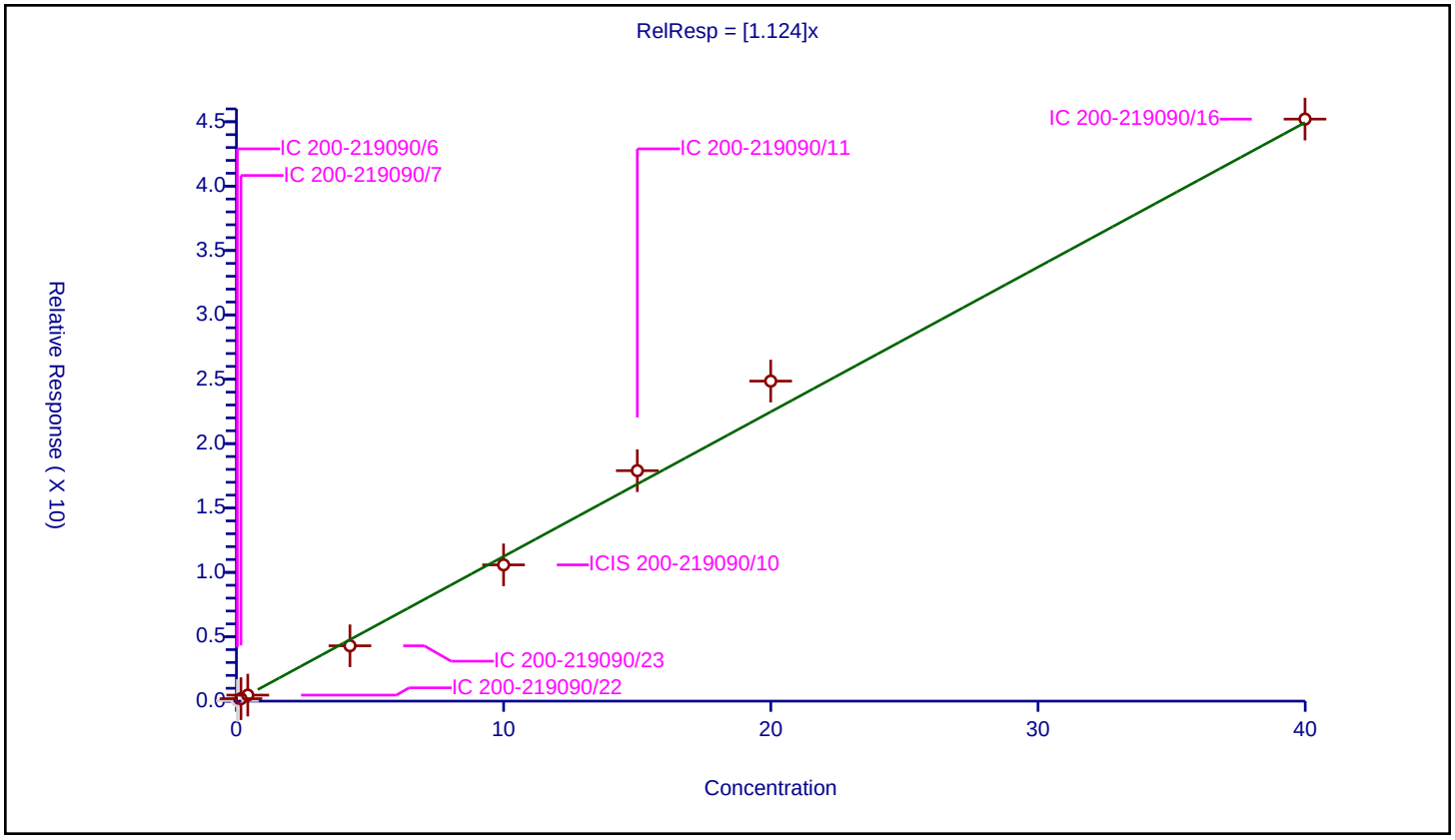
Curve Coefficients

Intercept:	0
Slope:	1.124

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.044837	10.0	596833.0	1.278238	N
2	IC 200-219090/7	0.170374	0.192101	10.0	582611.0	1.127526	Y
3	IC 200-219090/22	0.425385	0.468363	10.0	547182.0	1.101035	Y
4	IC 200-219090/23	4.249175	4.300503	10.0	572040.0	1.01208	Y
5	ICIS 200-219090/10	9.99806	10.585335	10.0	558689.0	1.058739	Y
6	IC 200-219090/11	15.003557	17.900965	10.0	475185.0	1.193115	Y
7	IC 200-219090/15	19.99612	24.858416	10.0	458845.0	1.243162	Y
8	IC 200-219090/16	39.99224	45.207047	10.0	519834.0	1.130395	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

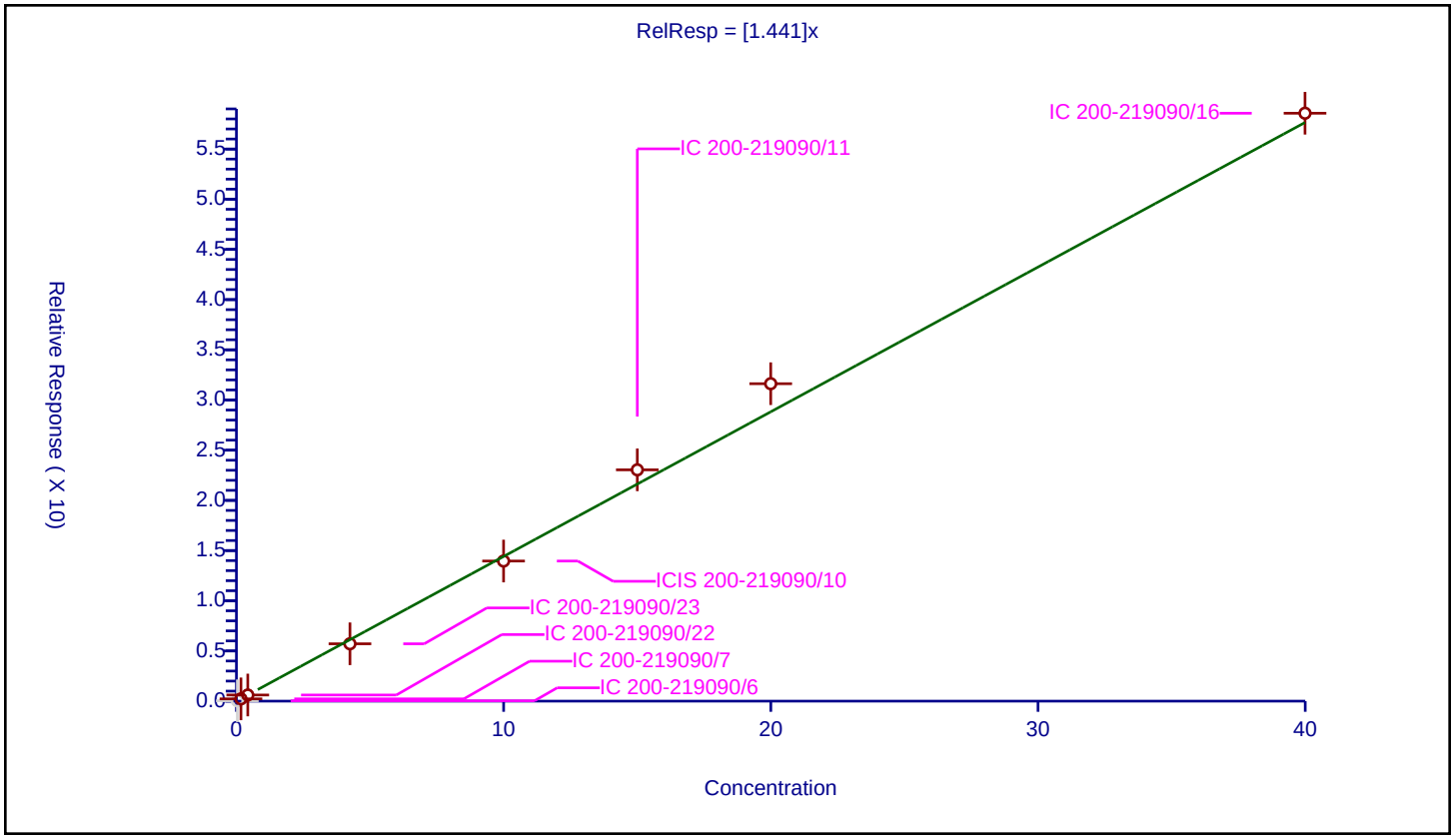
Curve Coefficients

Intercept:	0
Slope:	1.441

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.03609	10.0	596833.0	1.028895	N
2	IC 200-219090/7	0.170374	0.226789	10.0	582611.0	1.331129	Y
3	IC 200-219090/22	0.425385	0.610985	10.0	547182.0	1.436312	Y
4	IC 200-219090/23	4.249175	5.714041	10.0	572040.0	1.344741	Y
5	ICIS 200-219090/10	9.99806	13.957121	10.0	558689.0	1.395983	Y
6	IC 200-219090/11	15.003557	23.041447	10.0	475185.0	1.535732	Y
7	IC 200-219090/15	19.99612	31.624078	10.0	458845.0	1.581511	Y
8	IC 200-219090/16	39.99224	58.56737	10.0	519834.0	1.464468	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

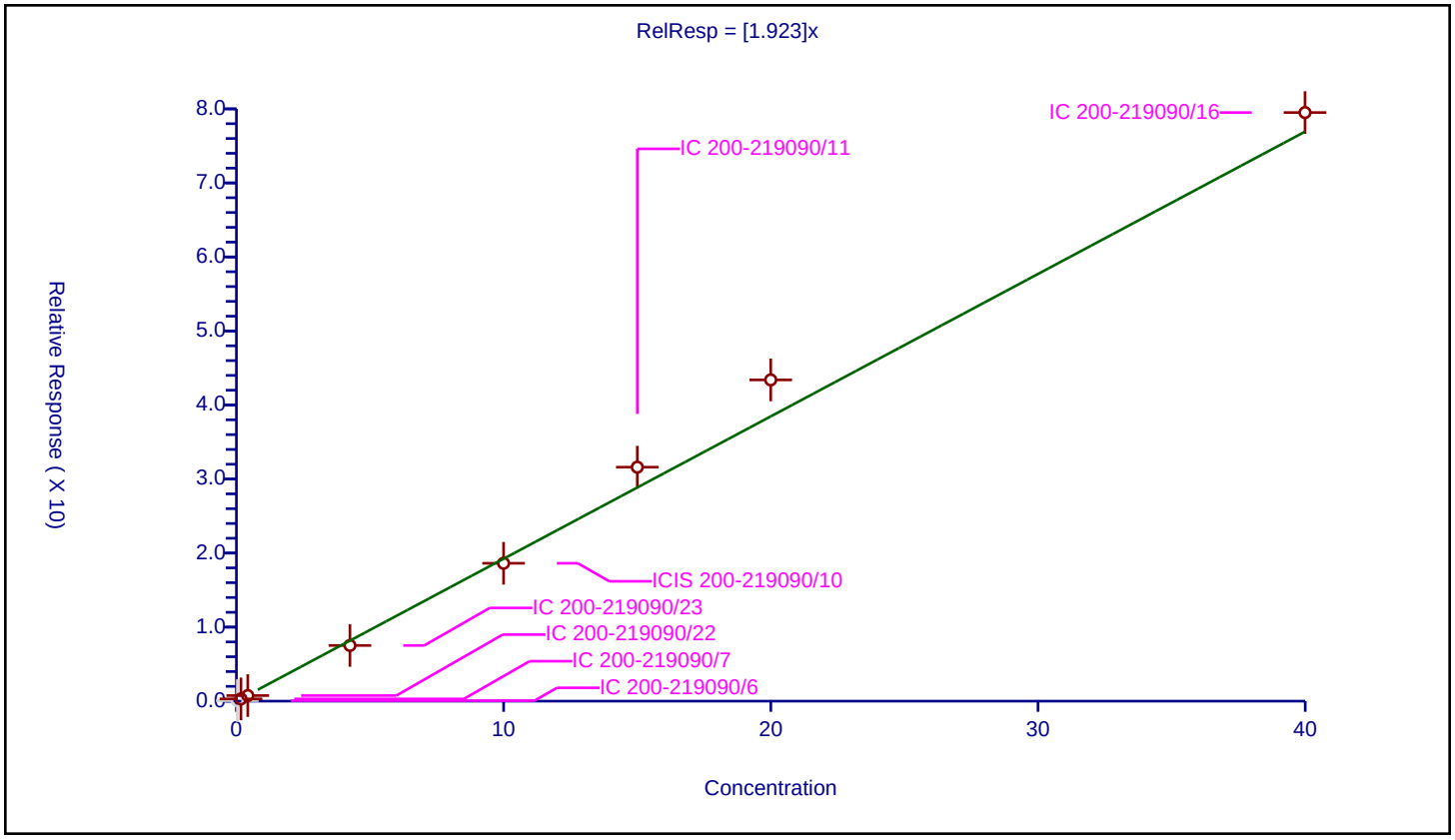
Curve Coefficients

Intercept:	0
Slope:	1.923

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.065362	10.0	596833.0	1.86338	N
2	IC 200-219090/7	0.170374	0.305401	10.0	582611.0	1.792536	Y
3	IC 200-219090/22	0.425385	0.754758	10.0	547182.0	1.774295	Y
4	IC 200-219090/23	4.249175	7.519841	10.0	572040.0	1.769718	Y
5	ICIS 200-219090/10	9.99806	18.623814	10.0	558689.0	1.862743	Y
6	IC 200-219090/11	15.003557	31.602365	10.0	475185.0	2.106325	Y
7	IC 200-219090/15	19.99612	43.392431	10.0	458845.0	2.170043	Y
8	IC 200-219090/16	39.99224	79.503784	10.0	519834.0	1.98798	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

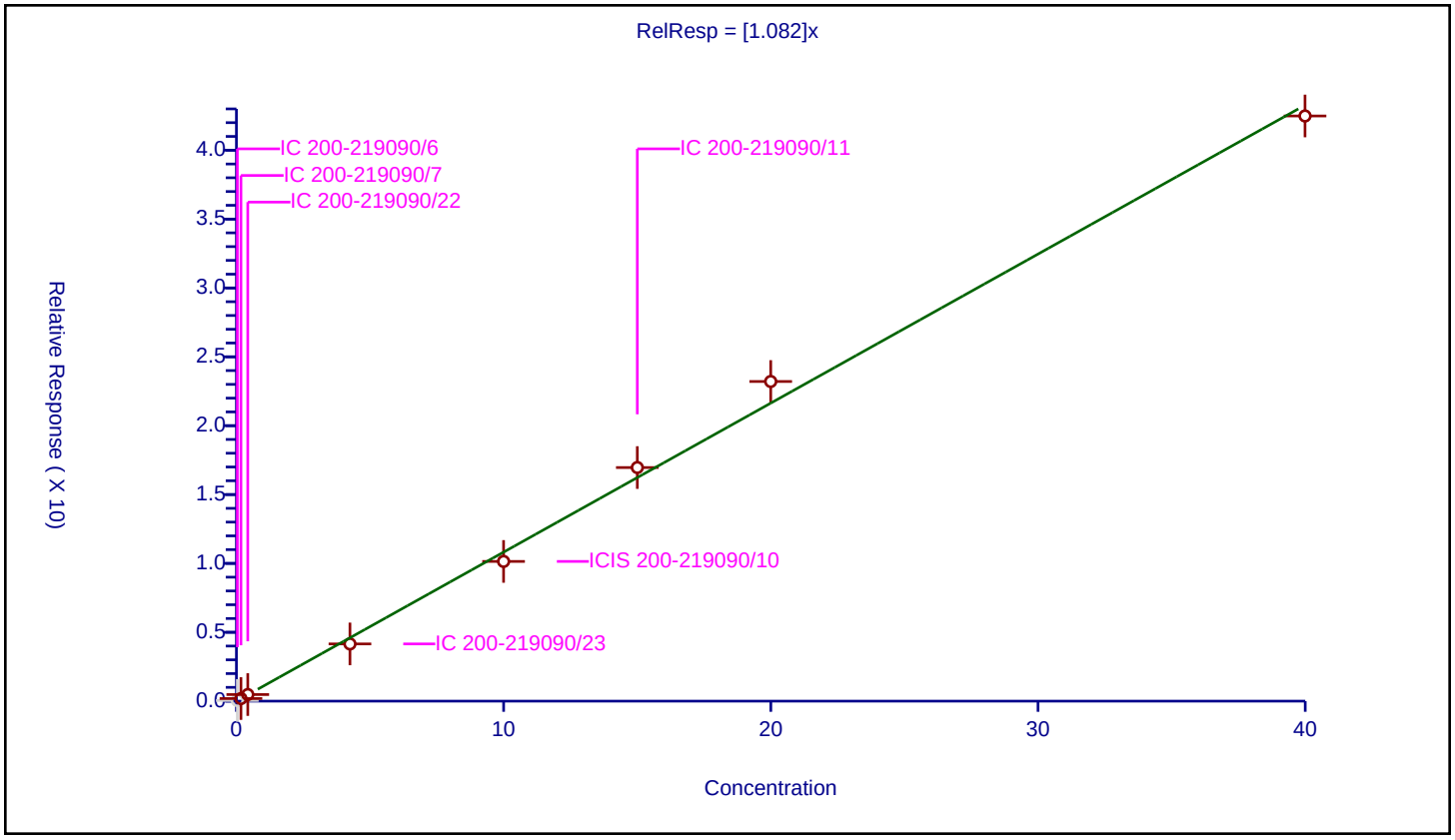
Curve Coefficients

Intercept:	0
Slope:	1.082

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.0473	10.0	596833.0	1.348455	N
2	IC 200-219090/7	0.170374	0.187621	10.0	582611.0	1.101231	Y
3	IC 200-219090/22	0.425385	0.479365	10.0	547182.0	1.126898	Y
4	IC 200-219090/23	4.249175	4.154255	10.0	572040.0	0.977661	Y
5	ICIS 200-219090/10	9.99806	10.14389	10.0	558689.0	1.014586	Y
6	IC 200-219090/11	15.003557	16.960152	10.0	475185.0	1.130409	Y
7	IC 200-219090/15	19.99612	23.20836	10.0	458845.0	1.160643	Y
8	IC 200-219090/16	39.99224	42.486448	10.0	519834.0	1.062367	Y



Calibration / Undecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

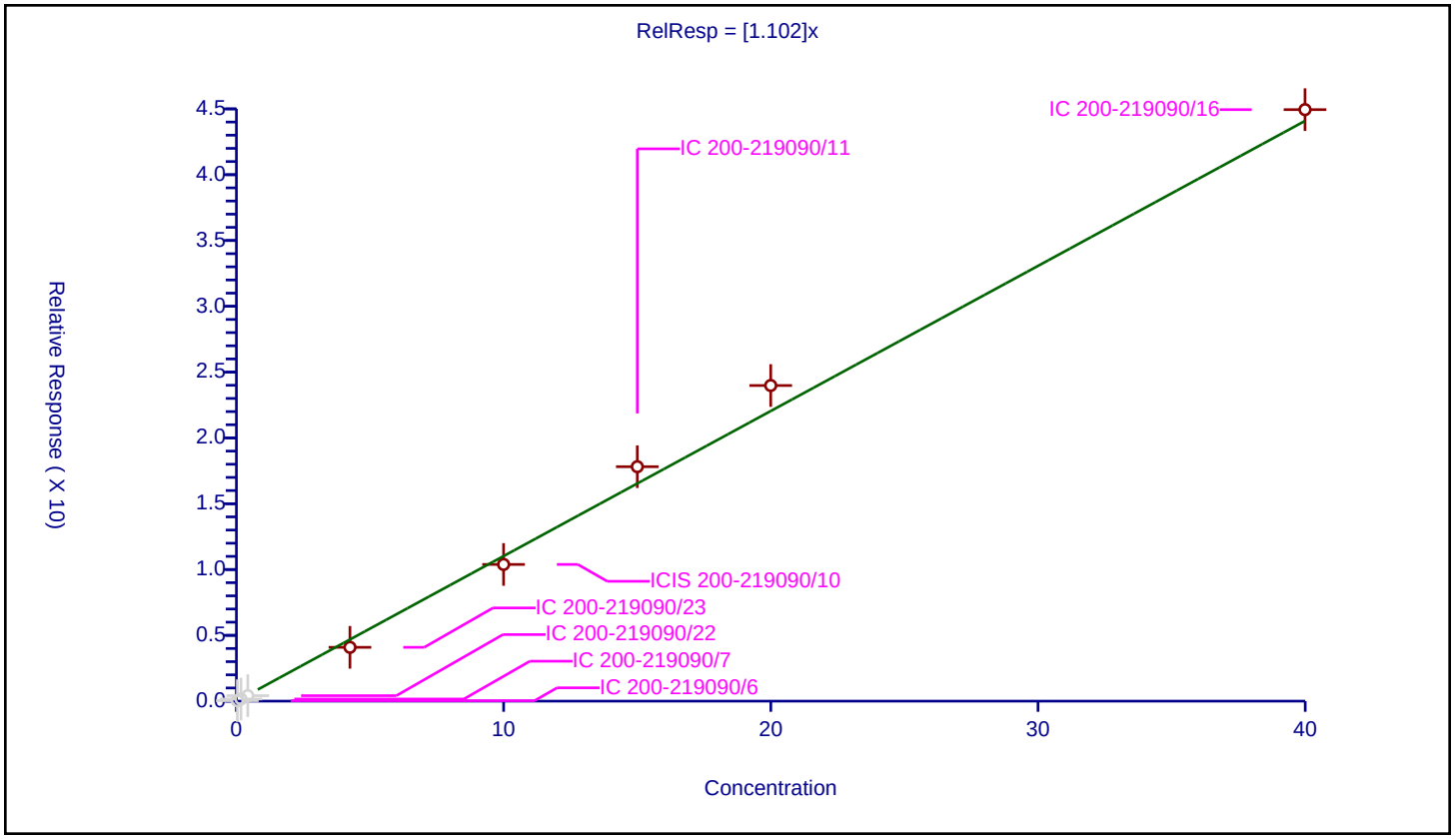
Curve Coefficients

Intercept:	0
Slope:	1.102

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.033577	10.0	596833.0	0.957245	N
2	IC 200-219090/7	0.170374	0.159901	10.0	582611.0	0.93853	N
3	IC 200-219090/22	0.425385	0.415639	10.0	547182.0	0.977089	N
4	IC 200-219090/23	4.249175	4.089294	10.0	572040.0	0.962374	Y
5	ICIS 200-219090/10	9.99806	10.387479	10.0	558689.0	1.038949	Y
6	IC 200-219090/11	15.003557	17.812789	10.0	475185.0	1.187238	Y
7	IC 200-219090/15	19.99612	23.982717	10.0	458845.0	1.199369	Y
8	IC 200-219090/16	39.99224	44.943751	10.0	519834.0	1.123812	Y



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Calibration / Dodecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

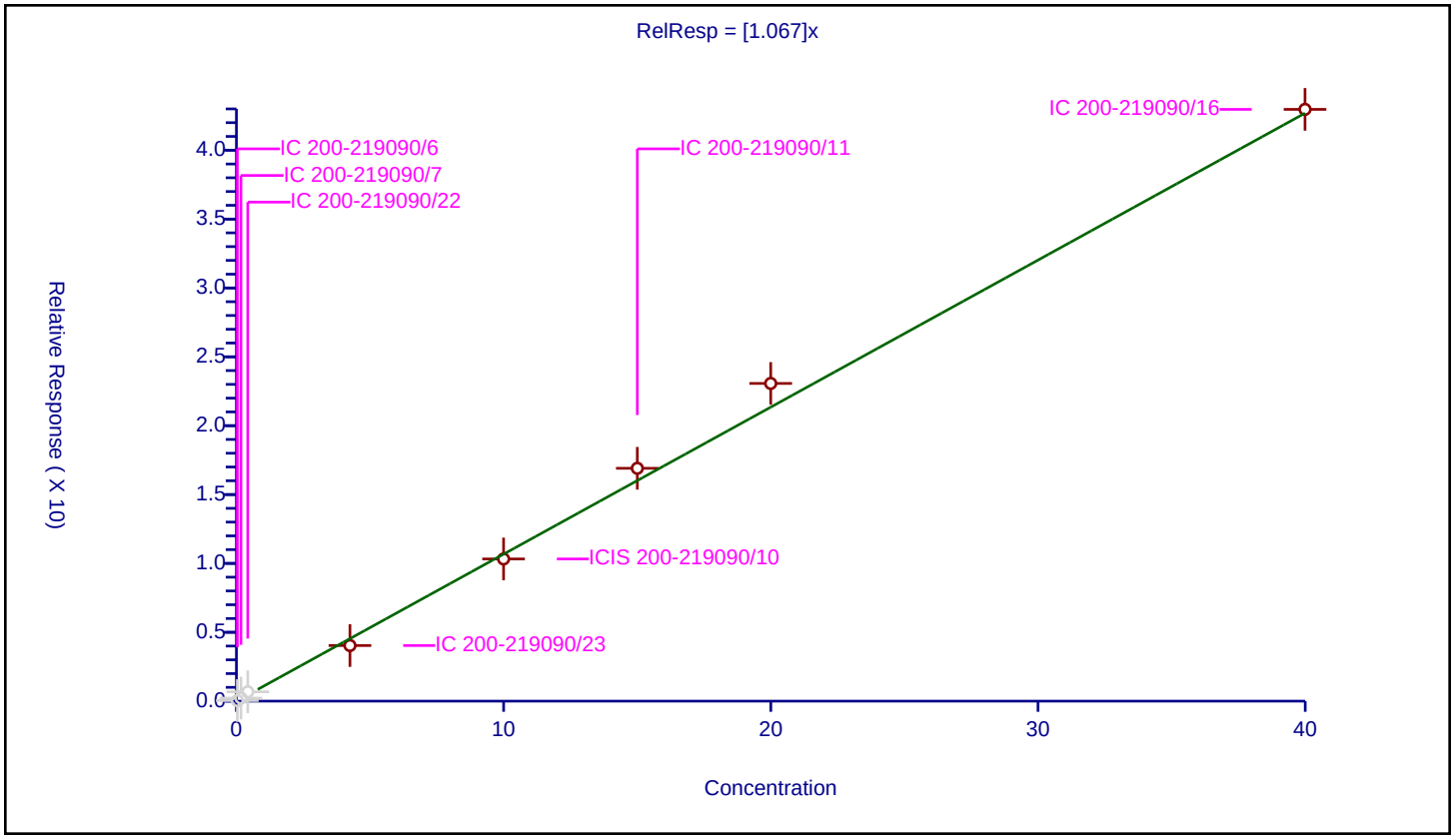
Curve Coefficients

Intercept:	0
Slope:	1.067

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.035077	0.041419	10.0	596833.0	1.180793	N
2	IC 200-219090/7	0.170374	0.222773	10.0	582611.0	1.307555	N
3	IC 200-219090/22	0.425385	0.678513	10.0	547182.0	1.595057	N
4	IC 200-219090/23	4.249175	4.035784	10.0	572040.0	0.949781	Y
5	ICIS 200-219090/10	9.99806	10.324313	10.0	558689.0	1.032632	Y
6	IC 200-219090/11	15.003557	16.906573	10.0	475185.0	1.126838	Y
7	IC 200-219090/15	19.99612	23.066439	10.0	458845.0	1.153546	Y
8	IC 200-219090/16	39.99224	42.965774	10.0	519834.0	1.074353	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

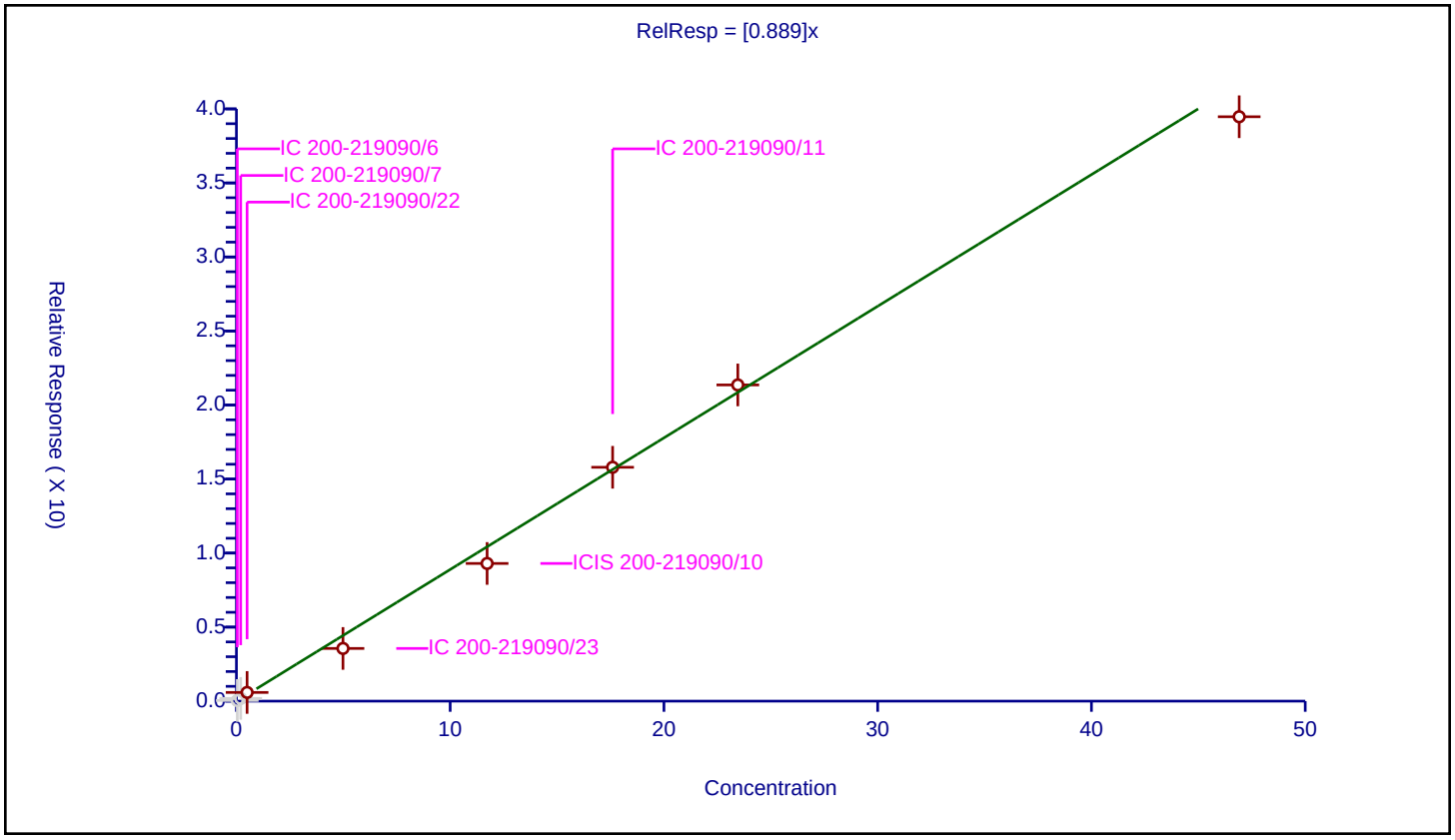
Curve Coefficients

Intercept:	0
Slope:	0.889

Error Coefficients

Relative Standard Deviation:	17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.041145	0.044401	10.0	596833.0	1.079129	N
2	IC 200-219090/7	0.199848	0.18436	10.0	582611.0	0.922498	N
3	IC 200-219090/22	0.498976	0.587739	10.0	547182.0	1.177889	Y
4	IC 200-219090/23	4.984283	3.559174	10.0	572040.0	0.71408	Y
5	ICIS 200-219090/10	11.727724	9.299199	10.0	558689.0	0.792924	Y
6	IC 200-219090/11	17.599172	15.795217	10.0	475185.0	0.897498	Y
7	IC 200-219090/15	23.455448	21.356471	10.0	458845.0	0.910512	Y
8	IC 200-219090/16	46.910897	39.469023	10.0	519834.0	0.841362	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

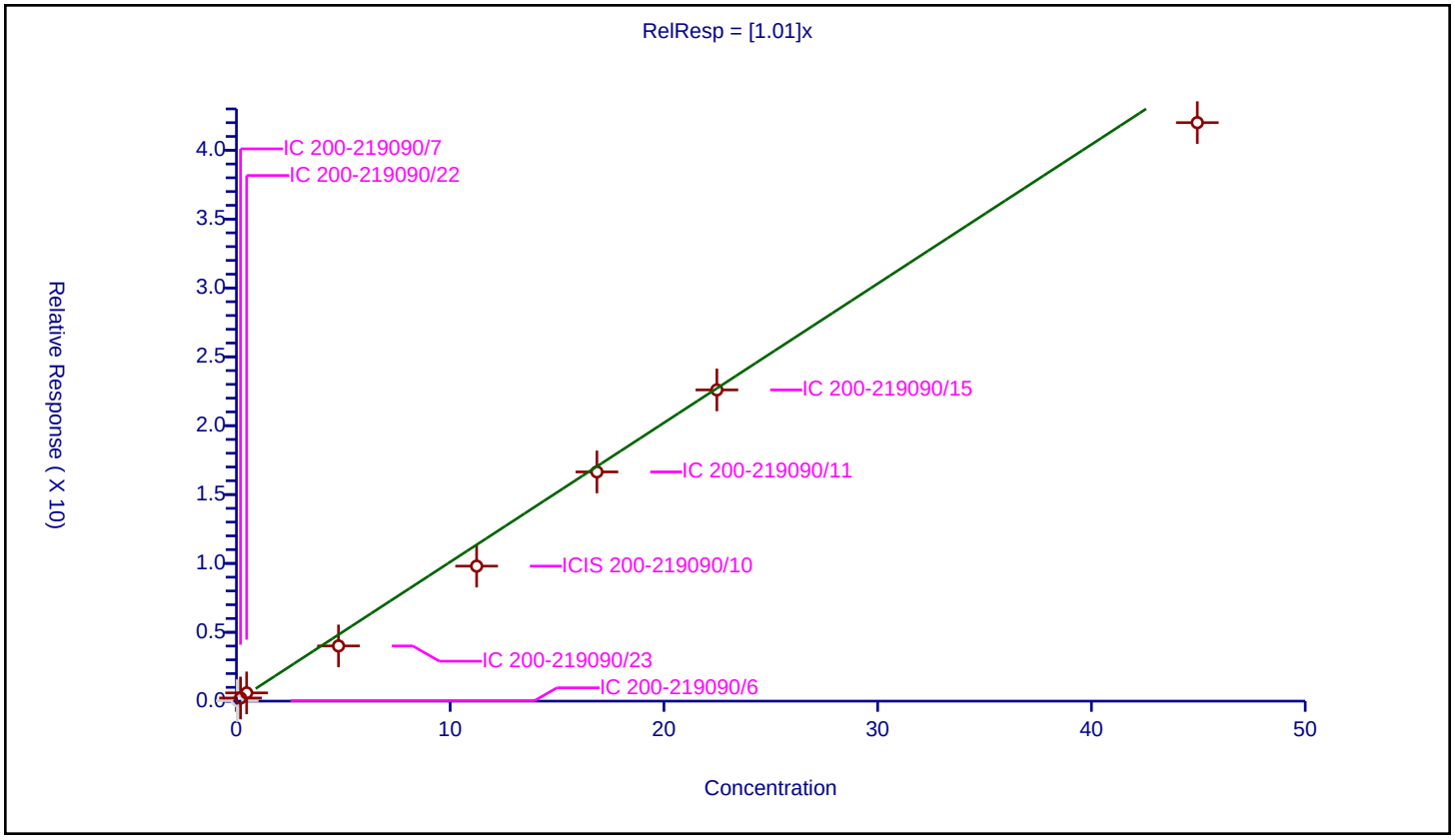
Curve Coefficients

Intercept:	0
Slope:	1.01

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.039426	0.031768	10.0	596833.0	0.805745	N
2	IC 200-219090/7	0.1915	0.226566	10.0	582611.0	1.183113	Y
3	IC 200-219090/22	0.478132	0.598466	10.0	547182.0	1.251675	Y
4	IC 200-219090/23	4.776073	4.007569	10.0	572040.0	0.839093	Y
5	ICIS 200-219090/10	11.237819	9.803093	10.0	558689.0	0.872331	Y
6	IC 200-219090/11	16.863998	16.643728	10.0	475185.0	0.986938	Y
7	IC 200-219090/15	22.475639	22.596171	10.0	458845.0	1.005363	Y
8	IC 200-219090/16	44.951277	42.001908	10.0	519834.0	0.934387	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

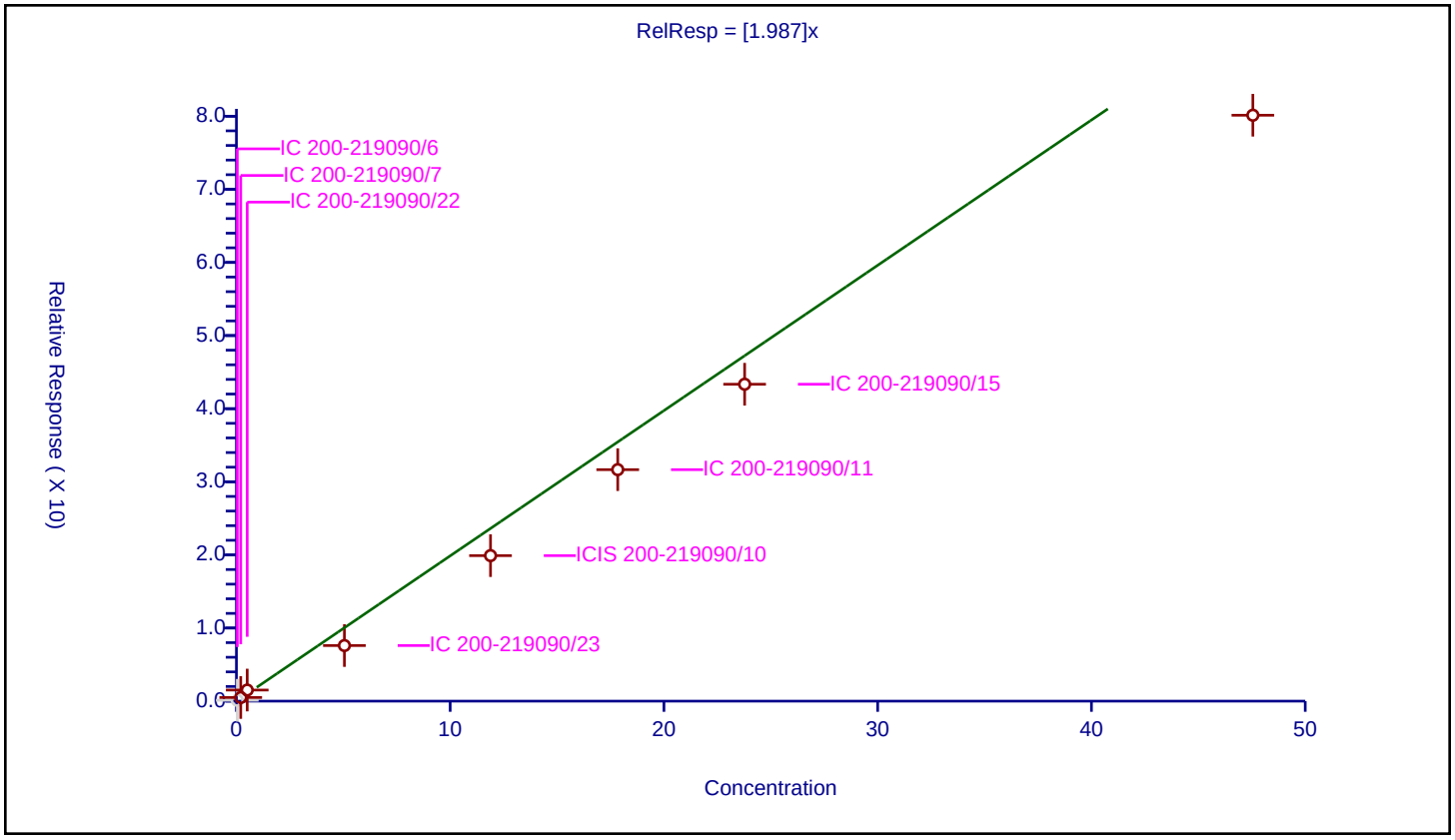
Curve Coefficients

Intercept:	0
Slope:	1.987

Error Coefficients

Relative Standard Deviation:	27.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.041706	0.119313	10.0	596833.0	2.860781	N
2	IC 200-219090/7	0.202574	0.495854	10.0	582611.0	2.447763	Y
3	IC 200-219090/22	0.505782	1.516424	10.0	547182.0	2.998175	Y
4	IC 200-219090/23	5.05227	7.605167	10.0	572040.0	1.505297	Y
5	ICIS 200-219090/10	11.887693	19.903095	10.0	558689.0	1.67426	Y
6	IC 200-219090/11	17.839229	31.661206	10.0	475185.0	1.774808	Y
7	IC 200-219090/15	23.775386	43.343003	10.0	458845.0	1.82302	Y
8	IC 200-219090/16	47.550773	80.13387	10.0	519834.0	1.685227	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

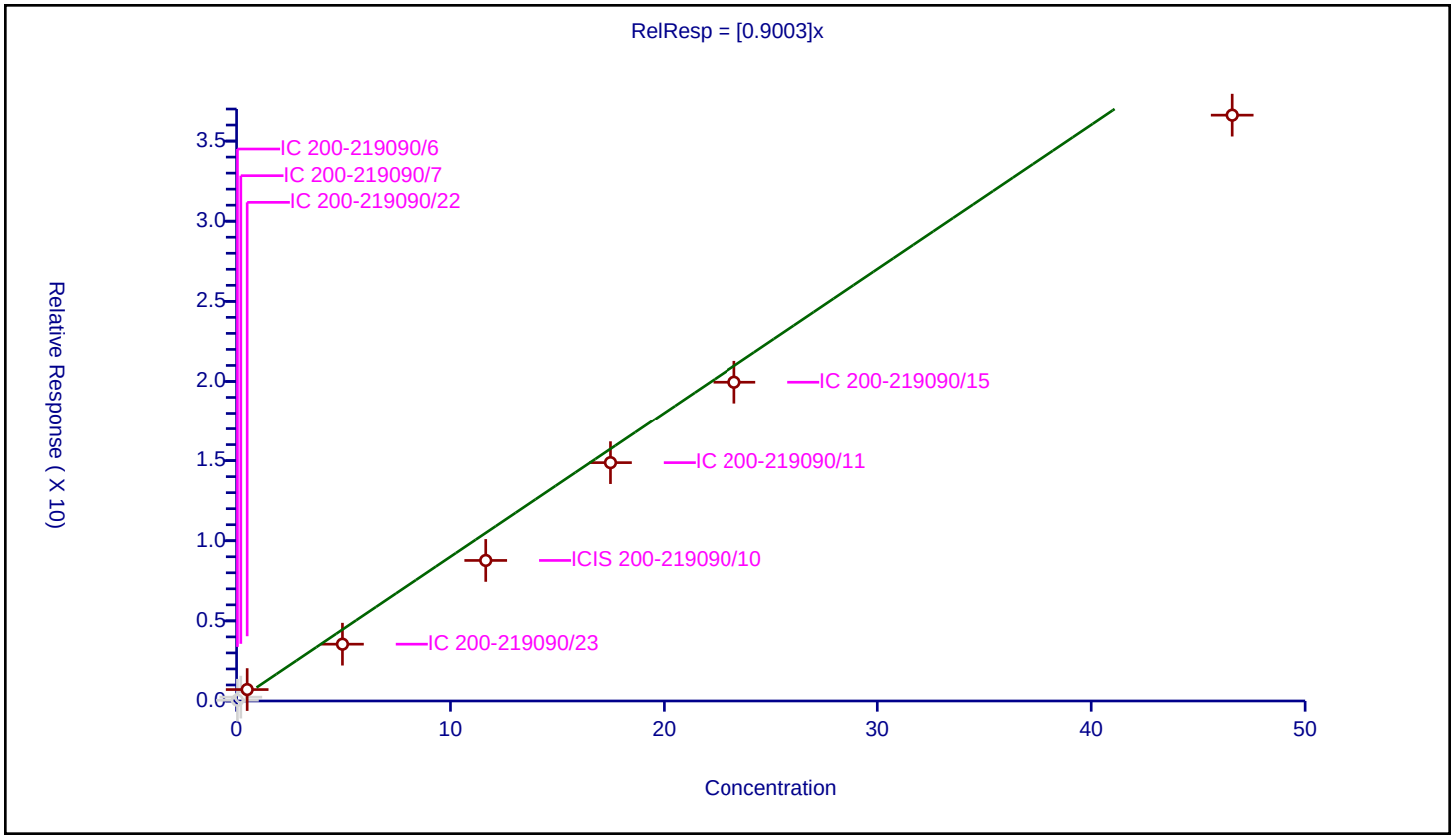
Curve Coefficients

Intercept:	0
Slope:	0.9003

Error Coefficients

Relative Standard Deviation:	30.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-219090/6	0.040865	0.047668	10.0	596833.0	1.166492	N
2	IC 200-219090/7	0.198485	0.240229	10.0	582611.0	1.21031	N
3	IC 200-219090/22	0.495573	0.713583	10.0	547182.0	1.439915	Y
4	IC 200-219090/23	4.950289	3.544385	10.0	572040.0	0.715996	Y
5	ICIS 200-219090/10	11.64774	8.768939	10.0	558689.0	0.752845	Y
6	IC 200-219090/11	17.479144	14.87366	10.0	475185.0	0.850938	Y
7	IC 200-219090/15	23.29548	19.951857	10.0	458845.0	0.856469	Y
8	IC 200-219090/16	46.590959	36.617574	10.0	519834.0	0.785937	Y



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FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab Sample ID: ICV 200-218864/16 Calibration Date: 08/04/2025 21:18

Instrument ID: CHAN.i Calib Start Date: 08/04/2025 09:14

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/04/2025 17:49

Lab File ID: 66192_016.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4752	0.5006		10.5	10.0	5.4	30.0
Dichlorodifluoromethane	Ave	2.373	2.375		10.0	10.0	0.0	30.0
Freon 22	Ave	1.100	1.087		9.88	10.0	-1.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.438	2.307		9.46	10.0	-5.4	30.0
Chloromethane	Ave	0.5256	0.5029		9.57	10.0	-4.3	30.0
Vinyl chloride	Ave	0.7417	0.6573		8.86	10.0	-11.4	30.0
n-Butane	Ave	0.8496	0.8671		10.2	10.0	2.1	30.0
1,3-Butadiene	Ave	0.4686	0.4351		9.28	10.0	-7.1	30.0
Bromomethane	Ave	0.8477	0.7994		9.43	10.0	-5.7	30.0
Chloroethane	Ave	0.3722	0.3631		9.75	10.0	-2.5	30.0
Isopentane	Ave	0.7940	0.7202		9.07	10.0	-9.3	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9007	0.8667		9.62	10.0	-3.8	30.0
Trichlorofluoromethane	Ave	2.763	2.615		9.46	10.0	-5.3	30.0
n-Pentane	Ave	1.149	1.093		9.51	10.0	-4.9	30.0
Ethanol	Ave	0.3089	0.3750		18.2	15.0	21.4	30.0
Ethyl ether	Ave	0.5130	0.4695		9.15	10.0	-8.5	30.0
Acrolein	Ave	0.2187	0.2344		10.7	10.0	7.2	30.0
1,1-Dichloroethene	Ave	0.995	0.8768		8.81	10.0	-11.9	30.0
Acetone	Ave	1.043	1.077		10.3	10.0	3.3	30.0
Freon TF	Ave	2.169	1.981		9.13	10.0	-8.7	30.0
Isopropyl alcohol	Ave	0.997	1.157		11.6	10.0	16.1	30.0
Carbon disulfide	Ave	2.382	2.263		9.50	10.0	-5.0	30.0
Acetonitrile	Ave	0.5080	0.4665		9.18	10.0	-8.2	30.0
3-Chloropropene	Ave	0.9018	0.6859		7.60	10.0	-23.9	30.0
Methylene Chloride	Ave	0.8509	0.7897		9.28	10.0	-7.2	30.0
tert-Butyl alcohol	Ave	1.438	1.509		10.5	10.0	4.9	30.0
Acrylonitrile	Ave	0.4664	0.4536		9.72	10.0	-2.7	30.0
trans-1,2-Dichloroethene	Ave	1.241	1.112		8.96	10.0	-10.4	30.0
Methyl tert-butyl ether	Ave	2.509	2.401		9.57	10.0	-4.3	30.0
n-Hexane	Ave	1.141	1.061		9.30	10.0	-7.0	30.0
1,1-Dichloroethane	Ave	1.589	1.380		8.68	10.0	-13.2	30.0
Vinyl acetate	Ave	1.356	1.499		11.1	10.0	10.6	30.0
Methyl Ethyl Ketone	Ave	0.4371	0.4030		9.22	10.0	-7.8	30.0
cis-1,2-Dichloroethene	Ave	1.121	0.9587		8.55	10.0	-14.5	30.0
Ethyl acetate	Ave	0.0729	0.0783		10.7	10.0	7.4	30.0
Tetrahydrofuran	Ave	0.1577	0.1619		10.3	10.0	2.7	30.0
Chloroform	Ave	2.072	1.943		9.37	10.0	-6.2	30.0
1,1,1-Trichloroethane	Ave	0.4703	0.4610		9.80	10.0	-2.0	30.0
Cyclohexane	Ave	0.2499	0.2407		9.63	10.0	-3.7	30.0
Carbon tetrachloride	Ave	0.5389	0.5159		9.57	10.0	-4.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab Sample ID: ICV 200-218864/16 Calibration Date: 08/04/2025 21:18

Instrument ID: CHAN.i Calib Start Date: 08/04/2025 09:14

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/04/2025 17:49

Lab File ID: 66192_016.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5676	0.5405		9.52	10.0	-4.8	30.0
1,2-Dichloroethane	Ave	0.2613	0.2566		9.82	10.0	-1.8	30.0
2,2,4-Trimethylpentane	Ave	0.7677	0.7311		9.52	10.0	-4.8	30.0
n-Heptane	Ave	0.2794	0.2650		9.49	10.0	-5.1	30.0
n-Butanol	Ave	0.1062	0.1040		9.79	10.0	-2.1	30.0
Trichloroethene	Ave	0.3011	0.2865		9.51	10.0	-4.8	30.0
1,2-Dichloropropane	Ave	0.2007	0.1897		9.45	10.0	-5.5	30.0
Methyl methacrylate	Ave	0.1840	0.1849		10.0	10.0	0.5	30.0
1,4-Dioxane	Ave	0.1180	0.1170		9.92	10.0	-0.8	30.0
Dibromomethane	Ave	0.2764	0.2901		10.5	10.0	5.0	30.0
Bromodichloromethane	Ave	0.4660	0.4482		9.62	10.0	-3.8	30.0
cis-1,3-Dichloropropene	Ave	0.3658	0.3573		9.77	10.0	-2.3	30.0
methyl isobutyl ketone	Ave	0.3509	0.3658		10.4	10.0	4.2	30.0
Toluene	Ave	0.4670	0.4527		9.69	10.0	-3.0	30.0
n-Octane	Ave	0.3871	0.3734		9.64	10.0	-3.5	30.0
trans-1,3-Dichloropropene	Ave	0.2957	0.3057		10.3	10.0	3.4	30.0
1,1,2-Trichloroethane	Ave	0.2391	0.2271		9.50	10.0	-5.0	30.0
Tetrachloroethene	Ave	0.4574	0.4559		9.97	10.0	-0.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3567	0.3710		10.4	10.0	4.0	30.0
Dibromochloromethane	Ave	0.5722	0.5341		9.33	10.0	-6.7	30.0
1,2-Dibromoethane	Ave	0.4701	0.4589		9.76	10.0	-2.4	30.0
Chlorobenzene	Ave	0.6930	0.6684		9.64	10.0	-3.5	30.0
Ethylbenzene	Ave	1.050	1.013		9.65	10.0	-3.4	30.0
m,p-Xylene	Ave	0.4172	0.4117		19.7	20.0	-1.3	30.0
n-Nonane	Ave	0.4059	0.3865		9.52	10.0	-4.8	30.0
Xylene, o-	Ave	0.4058	0.3984		9.81	10.0	-1.8	30.0
Styrene	Ave	0.6515	0.6517		10.0	10.0	0.0	30.0
Bromoform	Ave	0.4879	0.4075		8.35	10.0	-16.5	30.0
Cumene	Ave	1.227	1.206		9.83	10.0	-1.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6203	0.5807		9.36	10.0	-6.4	30.0
1,2,3-Trichloropropane	Ave	0.4523	0.4463		9.87	10.0	-1.3	30.0
n-Propylbenzene	Ave	1.424	1.385		9.73	10.0	-2.7	30.0
2-Chlorotoluene	Ave	0.8833	0.8589		9.72	10.0	-2.8	30.0
4-Ethyltoluene	Ave	1.198	1.198		10.0	10.0	-0.0	30.0
1,3,5-Trimethylbenzene	Ave	1.023	1.016		9.93	10.0	-0.7	30.0
n-Decane	Ave	0.5071	0.5055		9.97	10.0	-0.3	30.0
Alpha Methyl Styrene	Ave	0.5386	0.5403		10.0	10.0	0.3	30.0
tert-Butylbenzene	Ave	1.039	1.022		9.83	10.0	-1.7	30.0
1,2,4-Trimethylbenzene	Ave	1.038	1.025		9.86	10.0	-1.3	30.0
sec-Butylbenzene	Ave	1.524	1.494		9.81	10.0	-1.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab Sample ID: ICV 200-218864/16 Calibration Date: 08/04/2025 21:18

Instrument ID: CHAN.i Calib Start Date: 08/04/2025 09:14

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/04/2025 17:49

Lab File ID: 66192_016.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	0.7835	0.7679		9.80	10.0	-2.0	30.0
4-Isopropyltoluene	Ave	1.323	1.300		9.82	10.0	-1.7	30.0
1,4-Dichlorobenzene	Ave	0.7739	0.7732		9.99	10.0	-0.0	30.0
Benzyl chloride	Ave	0.8513	0.7985		9.38	10.0	-6.2	30.0
n-Butylbenzene	Ave	1.222	1.196		9.78	10.0	-2.1	30.0
1,2-Dichlorobenzene	Ave	0.7591	0.7452		9.82	10.0	-1.8	30.0
n-Undecane	Ave	0.5592	0.5839		10.4	10.0	4.4	30.0
n-Dodecane	Ave	0.5542	0.5546		10.0	10.0	0.0	30.0
1,2,4-Trichlorobenzene	Ave	0.4954	0.6256		12.6	10.0	26.3	30.0
Hexachlorobutadiene	Ave	0.4461	0.4771		10.7	10.0	7.0	30.0
Naphthalene	Ave	1.150	1.312		11.4	10.0	14.1	30.0
1,2,3-Trichlorobenzene	Ave	0.4837	0.5387		11.1	10.0	11.4	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_016.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 04-Aug-2025 21:18:45 ALS Bottle#: 17 Worklist Smp#: 16
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066192-016
Operator ID: wrd Instrument ID: CHAN.i
Sublist: chrom-TO15_TO3_Master_Method_AN*sub1

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 05-Aug-2025 07:03:52 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1713

First Level Reviewer: F7XK Date: 05-Aug-2025 11:27:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.358	4.364	-0.006	96	461322	10.0	10.5	
2 Dichlorodifluoromethane	85	4.460	4.460	0.000	99	2188144	10.0	10.0	
3 Chlorodifluoromethane	51	4.497	4.497	0.000	95	1001772	10.0	9.88	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.818	4.818	0.000	93	2126273	10.0	9.46	
11 BFB									
5 Chloromethane	50	4.931	4.931	0.000	99	463370	10.0	9.57	
6 Vinyl chloride	62	5.225	5.225	0.000	100	605679	10.0	8.86	
7 Butane	43	5.230	5.230	0.000	96	798966	10.0	10.2	
8 Butadiene	54	5.337	5.337	0.000	98	400925	10.0	9.28	
9 Bromomethane	94	6.054	6.054	0.000	98	736578	10.0	9.43	
10 Chloroethane	64	6.322	6.322	0.000	100	334560	10.0	9.75	
12 2-Methylbutane	43	6.541	6.541	0.000	90	663680	10.0	9.07	
13 Vinyl bromide	106	6.739	6.739	0.000	97	798595	10.0	9.62	
14 Trichlorofluoromethane	101	6.905	6.905	0.000	99	2410058	10.0	9.46	
15 Pentane	43	7.114	7.113	0.001	94	1006943	10.0	9.51	
16 Ethanol	45	7.242	7.242	0.000	97	518523	15.0	18.2	
18 Ethyl ether	59	7.509	7.515	-0.006	90	432589	10.0	9.15	
19 Acrolein	56	7.734	7.734	0.000	97	215970	10.0	10.7	
20 1,1-Dichloroethene	96	7.953	7.953	0.000	97	807976	10.0	8.81	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.002	8.002	0.000	97	1825254	10.0	9.13	
22 Acetone	43	8.002	8.007	-0.005	99	992768	10.0	10.3	
23 Isopropyl alcohol	45	8.285	8.285	0.000	100	1065859	10.0	11.6	
24 Carbon disulfide	76	8.360	8.355	0.005	99	2085349	10.0	9.50	
25 Acetonitrile	41	8.488	8.488	0.000	97	429907	10.0	9.18	
26 3-Chloro-1-propene	41	8.633	8.633	0.000	97	632065	10.0	7.60	
27 Methylene Chloride	49	8.858	8.857	0.001	86	727710	10.0	9.28	
28 2-Methyl-2-propanol	59	9.045	9.050	-0.005	99	1390249	10.0	10.5	
29 Acrylonitrile	53	9.237	9.237	0.000	94	418012	10.0	9.72	
30 trans-1,2-Dichloroethene	61	9.366	9.366	0.000	95	1024652	10.0	8.96	
31 Methyl tert-butyl ether	73	9.371	9.371	0.000	95	2212101	10.0	9.57	
32 Hexane	57	9.890	9.890	0.000	91	977661	10.0	9.30	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.115	10.115	0.000	100	1271526	10.0	8.68	
34 Vinyl acetate	43	10.120	10.120	0.000	99	1381665	10.0	11.1	
S 35 1,2-Dichloroethene, Total	61				0		20.0	17.5	
36 2-Butanone (MEK)	72	11.062	11.062	0.000	98	371361	10.0	9.22	
37 cis-1,2-Dichloroethene	96	11.104	11.104	0.000	91	883396	10.0	8.55	
38 Ethyl acetate	88	11.153	11.163	-0.010	100	72116	10.0	10.7	
* 39 Chlorobromomethane	128	11.506	11.511	-0.005	74	921643	10.0	10.0	
40 Tetrahydrofuran	42	11.554	11.554	0.000	89	707093	10.0	10.3	
41 Chloroform	83	11.682	11.682	0.000	96	1790659	10.0	9.37	
42 1,1,1-Trichloroethane	97	12.003	12.003	0.000	97	2013230	10.0	9.80	
43 Cyclohexane	84	12.158	12.158	0.000	92	1050970	10.0	9.63	
44 Carbon tetrachloride	117	12.287	12.287	0.000	98	2253168	10.0	9.57	
45 Benzene	78	12.624	12.624	0.000	95	2360303	10.0	9.52	
46 1,2-Dichloroethane	62	12.683	12.683	0.000	90	1120533	10.0	9.82	
47 Isooctane	57	12.865	12.859	0.006	98	3192636	10.0	9.52	
48 n-Heptane	43	13.164	13.164	0.000	88	1157472	10.0	9.49	
* 49 1,4-Difluorobenzene	114	13.346	13.346	0.000	94	4368013	10.0	10.0	
50 n-Butanol	56	13.544	13.544	0.000	91	454331	10.0	9.79	
51 Trichloroethene	95	13.785	13.790	-0.005	98	1251061	10.0	9.51	
A 52 GRO	1	14.194	(6.531-21.857)		0	377112499	649.9	0	
53 1,2-Dichloropropane	63	14.229	14.229	0.000	88	828485	10.0	9.45	
54 Methyl methacrylate	69	14.320	14.320	0.000	96	807347	10.0	10.0	
55 1,4-Dioxane	88	14.352	14.357	-0.005	89	511074	10.0	9.92	
57 Dibromomethane	174	14.384	14.384	0.000	95	1266891	10.0	10.5	
58 Dichlorobromomethane	83	14.694	14.689	0.005	98	1957509	10.0	9.62	
59 cis-1,3-Dichloropropene	75	15.497	15.497	0.000	92	1560538	10.0	9.77	
A 60 TVOC as Toluene	1	15.537	(4.354-26.725)		0	595307253	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	15.748	15.748	0.000	98	1597342	10.0	10.4	
62 Toluene	92	16.144	16.144	0.000	94	1834743	10.0	9.69	
A 63 Toluene Range	1	16.147	(16.074-16.224)		0	7295866	NC	NC	
A 65 C8 Range	1	16.411	(16.336-16.497)		0	7016145	NC	NC	
64 n-Octane	43	16.417	16.417	0.000	88	1630678	10.0	9.64	
66 trans-1,3-Dichloropropene	75	16.540	16.540	0.000	97	1334903	10.0	10.3	
67 1,1,2-Trichloroethane	83	16.909	16.914	-0.005	97	920361	10.0	9.50	
68 Tetrachloroethene	166	17.144	17.144	0.000	96	1847716	10.0	9.97	
69 2-Hexanone	43	17.321	17.321	0.000	95	1503574	10.0	10.4	
70 Chlorodibromomethane	129	17.653	17.653	0.001	97	2164279	10.0	9.33	
71 Ethylene Dibromide	107	17.893	17.893	0.000	98	1859553	10.0	9.76	
* 73 Chlorobenzene-d5	117	18.813	18.813	0.000	85	4053309	10.0	10.0	
74 Chlorobenzene	112	18.872	18.872	0.000	97	2708834	10.0	9.64	
75 Ethylbenzene	91	19.070	19.065	0.005	98	4106674	10.0	9.65	
76 m-Xylene & p-Xylene	106	19.327	19.327	0.000	0	3336513	20.0	19.7	
77 n-Nonane	57	19.413	19.413	0.000	86	1566152	10.0	9.52	
S 80 Xylenes, Total	106				0		30.0	29.5	
78 o-Xylene	106	20.103	20.103	0.000	98	1614335	10.0	9.81	
79 Styrene	104	20.135	20.135	0.000	97	2641039	10.0	10.0	
81 Bromoform	173	20.467	20.461	0.006	94	1651289	10.0	8.35	
82 Isopropylbenzene	105	20.798	20.793	0.005	98	4885337	10.0	9.83	
83 1,1,2,2-Tetrachloroethane	83	21.290	21.290	0.000	99	2353113	10.0	9.36	
84 1,2,3-Trichloropropane	75	21.387	21.387	0.000	96	1808702	10.0	9.87	
85 N-Propylbenzene	91	21.510	21.510	0.000	100	5613290	10.0	9.73	
86 2-Chlorotoluene	91	21.654	21.654	0.000	97	3480617	10.0	9.72	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 4-Ethyltoluene	105	21.708	21.708	0.000	99	4853353	10.0	10.0	
88 1,3,5-Trimethylbenzene	105	21.799	21.799	0.000	93	4116056	10.0	9.93	
89 n-Decane	57	21.847	21.847	0.000	93	2048421	10.0	9.97	
90 Alpha Methyl Styrene	118	22.125	22.125	0.000	90	2189649	10.0	10.0	
91 tert-Butylbenzene	119	22.280	22.280	0.000	96	4140785	10.0	9.83	
92 1,2,4-Trimethylbenzene	105	22.366	22.366	0.000	98	4151820	10.0	9.86	
93 sec-Butylbenzene	105	22.606	22.606	0.000	98	6055843	10.0	9.81	
94 1,3-Dichlorobenzene	146	22.772	22.772	0.000	97	3112101	10.0	9.80	
95 4-Isopropyltoluene	119	22.820	22.820	0.000	97	5268553	10.0	9.82	
96 1,4-Dichlorobenzene	146	22.911	22.911	0.000	95	3133432	10.0	9.99	
97 Benzyl chloride	91	23.056	23.050	0.006	99	3235830	10.0	9.38	
98 n-Butylbenzene	91	23.377	23.377	0.000	98	4847587	10.0	9.78	
99 1,2-Dichlorobenzene	146	23.398	23.398	0.000	97	3020117	10.0	9.82	
100 Undecane	57	23.537	23.537	0.000	92	2366102	10.0	10.4	
101 Dodecane	57	25.116	25.115	0.001	93	2247628	10.0	10.0	
102 1,2,4-Trichlorobenzene	180	25.832	25.832	0.000	94	2535368	10.0	12.6	
103 Hexachlorobutadiene	225	26.089	26.089	0.000	94	1933642	10.0	10.7	
104 Naphthalene	128	26.303	26.303	0.000	99	5317269	10.0	11.4	
105 1,2,3-Trichlorobenzene	180	26.715	26.715	0.000	96	2183006	10.0	11.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00885	Amount Added: 200.00	Units: mL	
ATTO15CISs_00012	Amount Added: 20.00	Units: mL	Run Reagent

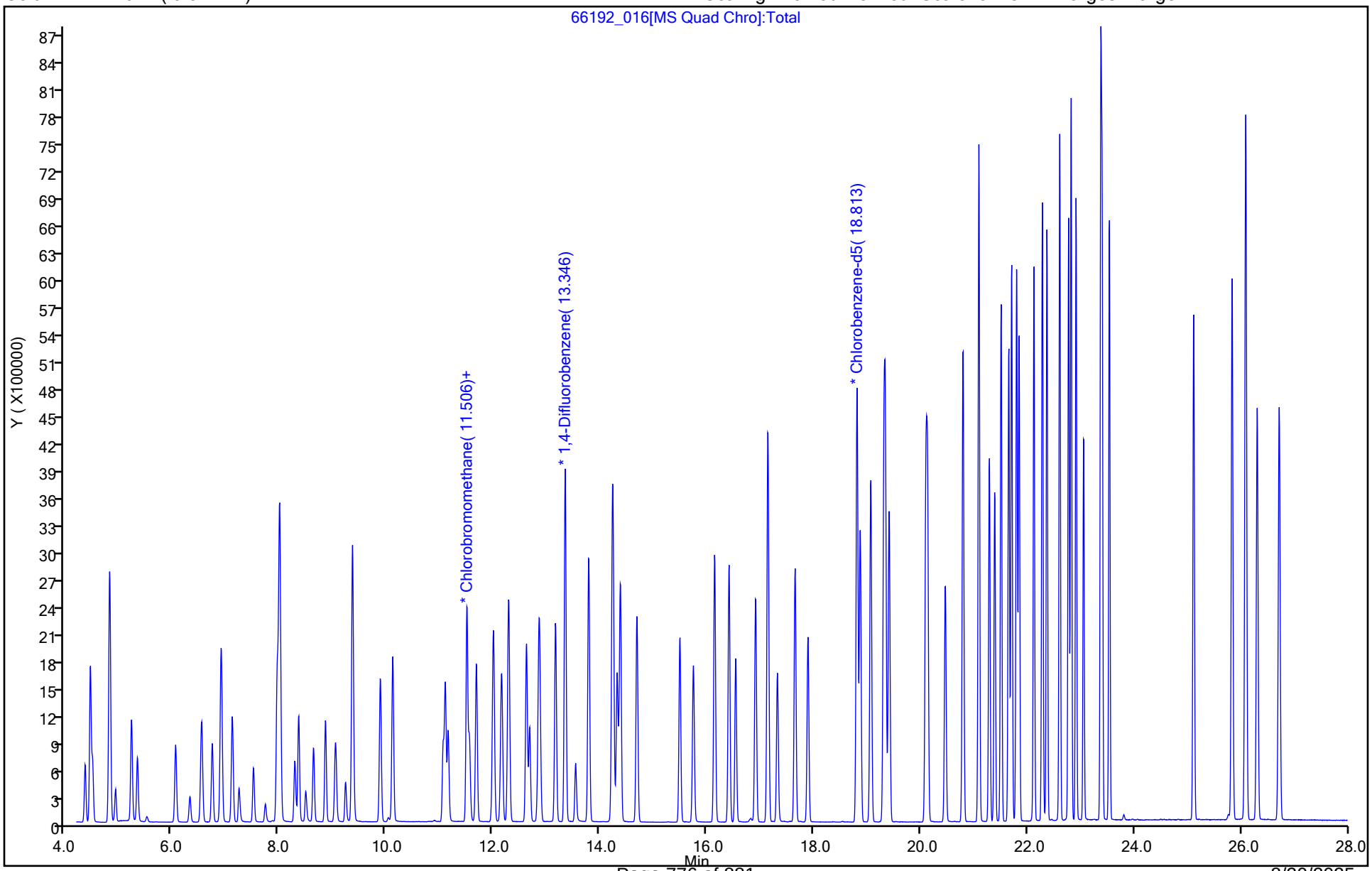
Report Date: 05-Aug-2025 07:03:58 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_016.D

Injection Date:	04-Aug-2025 21:18:45	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	ICV			Worklist Smp#:	16
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab Sample ID: CCVIS 200-219230/3 Calibration Date: 08/15/2025 08:50

Instrument ID: CHAN.i Calib Start Date: 08/04/2025 09:14

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/04/2025 17:49

Lab File ID: 66362_003.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4752	0.5917		12.4	10.0	24.5	30.0
Dichlorodifluoromethane	Ave	2.373	2.786		11.7	10.0	17.4	30.0
Freon 22	Ave	1.100	1.294		11.8	10.0	17.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.438	2.692		11.0	10.0	10.4	30.0
Chloromethane	Ave	0.5256	0.6364		12.1	10.0	21.1	30.0
Vinyl chloride	Ave	0.7417	0.7229		9.75	10.0	-2.5	30.0
n-Butane	Ave	0.8496	0.9435		11.1	10.0	11.1	30.0
1,3-Butadiene	Ave	0.4686	0.4772		10.2	10.0	1.9	30.0
Bromomethane	Ave	0.8477	0.9304		11.0	10.0	9.7	30.0
Chloroethane	Ave	0.3722	0.4503		12.1	10.0	21.0	30.0
Isopentane	Ave	0.7940	0.8978		11.3	10.0	13.1	30.0
Bromoethene(Vinyl Bromide)	Ave	0.9007	0.9686		10.8	10.0	7.5	30.0
Trichlorofluoromethane	Ave	2.763	2.881		10.4	10.0	4.3	30.0
n-Pentane	Ave	1.149	1.357		11.8	10.0	18.2	30.0
Ethanol	Ave	0.3089	0.3969		19.3	15.0	28.5	30.0
Ethyl ether	Ave	0.5130	0.5737		11.2	10.0	11.8	30.0
Acrolein	Ave	0.2187	0.2740		14.7	11.7	25.3	30.0
1,1-Dichloroethene	Ave	0.995	0.997		10.0	10.0	0.2	30.0
Acetone	Ave	1.043	1.196		11.5	10.0	14.7	30.0
Freon TF	Ave	2.169	2.226		10.3	10.0	2.6	30.0
Isopropyl alcohol	Ave	0.997	1.156		13.4	11.6	16.0	30.0
Carbon disulfide	Ave	2.382	2.679		11.2	10.0	12.5	30.0
Acetonitrile	Ave	0.5080	0.5861		11.5	10.0	15.4	30.0
3-Chloropropene	Ave	0.9018	0.8772		9.72	10.0	-2.7	30.0
Methylene Chloride	Ave	0.8509	0.8977		10.5	10.0	5.5	30.0
tert-Butyl alcohol	Ave	1.438	1.633		11.4	10.0	13.5	30.0
Acrylonitrile	Ave	0.4664	0.5076		10.9	10.0	8.8	30.0
trans-1,2-Dichloroethene	Ave	1.241	1.192		9.60	10.0	-3.9	30.0
Methyl tert-butyl ether	Ave	2.509	2.558		10.2	10.0	2.0	30.0
n-Hexane	Ave	1.141	1.158		10.1	10.0	1.5	30.0
1,1-Dichloroethane	Ave	1.589	1.541		9.70	10.0	-3.0	30.0
Vinyl acetate	Ave	1.356	1.520		12.8	11.4	12.1	30.0
Methyl Ethyl Ketone	Ave	0.4371	0.4416		10.1	10.0	1.0	30.0
cis-1,2-Dichloroethene	Ave	1.121	1.047		9.34	10.0	-6.6	30.0
Ethyl acetate	Ave	0.0729	0.0801		11.0	10.0	9.9	30.0
Tetrahydrofuran	Ave	0.1577	0.1682		10.7	10.0	6.7	30.0
Chloroform	Ave	2.072	2.096		10.1	10.0	1.1	30.0
1,1,1-Trichloroethane	Ave	0.4703	0.4564		9.70	10.0	-3.0	30.0
Cyclohexane	Ave	0.2499	0.2446		9.78	10.0	-2.1	30.0
Carbon tetrachloride	Ave	0.5389	0.5109		9.48	10.0	-5.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab Sample ID: CCVIS 200-219230/3 Calibration Date: 08/15/2025 08:50

Instrument ID: CHAN.i Calib Start Date: 08/04/2025 09:14

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/04/2025 17:49

Lab File ID: 66362_003.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5676	0.5531		9.74	10.0	-2.6	30.0
1,2-Dichloroethane	Ave	0.2613	0.2587		9.90	10.0	-1.0	30.0
2,2,4-Trimethylpentane	Ave	0.7677	0.7570		9.86	10.0	-1.4	30.0
n-Heptane	Ave	0.2794	0.2631		9.42	10.0	-5.8	30.0
n-Butanol	Ave	0.1062	0.1128		10.6	10.0	6.2	30.0
Trichloroethene	Ave	0.3011	0.2804		9.31	10.0	-6.8	30.0
1,2-Dichloropropane	Ave	0.2007	0.1982		9.87	10.0	-1.3	30.0
Methyl methacrylate	Ave	0.1840	0.1915		10.4	10.0	4.1	30.0
1,4-Dioxane	Ave	0.1180	0.1169		9.91	10.0	-0.9	30.0
Dibromomethane	Ave	0.2764	0.2289		8.28	10.0	-17.2	30.0
Bromodichloromethane	Ave	0.4660	0.4608		9.89	10.0	-1.1	30.0
cis-1,3-Dichloropropene	Ave	0.3658	0.3633		9.93	10.0	-0.7	30.0
methyl isobutyl ketone	Ave	0.3509	0.3557		10.1	10.0	1.4	30.0
Toluene	Ave	0.4670	0.4570		9.78	10.0	-2.1	30.0
n-Octane	Ave	0.3871	0.3697		9.55	10.0	-4.5	30.0
trans-1,3-Dichloropropene	Ave	0.2957	0.2969		10.0	10.0	0.4	30.0
1,1,2-Trichloroethane	Ave	0.2391	0.2341		9.79	10.0	-2.1	30.0
Tetrachloroethene	Ave	0.4574	0.3717		8.12	10.0	-18.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3567	0.3693		10.4	10.0	3.5	30.0
Dibromochloromethane	Ave	0.5722	0.5528		9.66	10.0	-3.4	30.0
1,2-Dibromoethane	Ave	0.4701	0.4573		9.73	10.0	-2.7	30.0
Chlorobenzene	Ave	0.6930	0.6525		9.41	10.0	-5.9	30.0
Ethylbenzene	Ave	1.050	1.034		9.85	10.0	-1.5	30.0
m,p-Xylene	Ave	0.4172	0.4086		19.6	20.0	-2.1	30.0
n-Nonane	Ave	0.4059	0.3985		9.82	10.0	-1.8	30.0
Xylene, o-	Ave	0.4058	0.3945		9.72	10.0	-2.8	30.0
Styrene	Ave	0.6515	0.6510		9.99	10.0	-0.0	30.0
Bromoform	Ave	0.4879	0.4364		8.94	10.0	-10.5	30.0
Cumene	Ave	1.227	1.213		9.89	10.0	-1.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6203	0.6255		10.1	10.0	0.9	30.0
1,2,3-Trichloropropane	Ave	0.4523	0.4762		10.5	10.0	5.3	30.0
n-Propylbenzene	Ave	1.424	1.459		10.2	10.0	2.4	30.0
2-Chlorotoluene	Ave	0.8833	0.8882		10.1	10.0	0.6	30.0
4-Ethyltoluene	Ave	1.198	1.198		10.0	10.0	0.0	30.0
1,3,5-Trimethylbenzene	Ave	1.023	1.022		9.99	10.0	-0.0	30.0
n-Decane	Ave	0.5071	0.5273		10.4	10.0	4.0	30.0
Alpha Methyl Styrene	Ave	0.5386	0.5424		10.1	10.0	0.7	30.0
tert-Butylbenzene	Ave	1.039	1.010		9.72	10.0	-2.8	30.0
1,2,4-Trimethylbenzene	Ave	1.038	1.049		10.1	10.0	1.0	30.0
sec-Butylbenzene	Ave	1.524	1.546		10.1	10.0	1.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab Sample ID: CCVIS 200-219230/3 Calibration Date: 08/15/2025 08:50

Instrument ID: CHAN.i Calib Start Date: 08/04/2025 09:14

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/04/2025 17:49

Lab File ID: 66362_003.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	0.7835	0.7320		9.34	10.0	-6.6	30.0
4-Isopropyltoluene	Ave	1.323	1.328		10.0	10.0	0.4	30.0
1,4-Dichlorobenzene	Ave	0.7739	0.7232		9.34	10.0	-6.6	30.0
Benzyl chloride	Ave	0.8513	0.8869		10.4	10.0	4.2	30.0
n-Butylbenzene	Ave	1.222	1.283		10.5	10.0	5.0	30.0
1,2-Dichlorobenzene	Ave	0.7591	0.7065		9.30	10.0	-6.9	30.0
n-Undecane	Ave	0.5592	0.6275		11.2	10.0	12.2	30.0
n-Dodecane	Ave	0.5542	0.6294		11.4	10.0	13.6	30.0
1,2,4-Trichlorobenzene	Ave	0.4954	0.4774		11.3	11.7	-3.6	30.0
Hexachlorobutadiene	Ave	0.4461	0.3612		9.10	11.2	-19.0	30.0
Naphthalene	Ave	1.150	1.227		12.7	11.9	6.7	30.0
1,2,3-Trichlorobenzene	Ave	0.4837	0.4634		11.2	11.6	-4.2	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_003.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 15-Aug-2025 08:50:58 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CHAN.i
Sublist: chrom-TO15_TO3_Master_Method_AN*sub1

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Aug-2025 07:36:51 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1609

First Level Reviewer: F7XK Date: 18-Aug-2025 07:36:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.358	4.358	0.000	96	301206	10.0	12.4	
2 Dichlorodifluoromethane	85	4.460	4.460	0.000	99	1418331	10.0	11.7	
3 Chlorodifluoromethane	51	4.498	4.498	0.000	95	658798	10.0	11.8	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.819	4.819	0.000	97	1370337	10.0	11.0	
11 BFB									
5 Chloromethane	50	4.931	4.931	0.000	99	323928	10.0	12.1	
6 Vinyl chloride	62	5.225	5.225	0.000	100	367990	10.0	9.75	
7 Butane	43	5.230	5.230	0.000	96	480282	10.0	11.1	
8 Butadiene	54	5.337	5.337	0.000	98	242933	10.0	10.2	
9 Bromomethane	94	6.054	6.054	0.000	98	473595	10.0	11.0	
10 Chloroethane	64	6.322	6.322	0.000	100	229222	10.0	12.1	
12 2-Methylbutane	43	6.541	6.541	0.000	90	457037	10.0	11.3	
13 Vinyl bromide	106	6.739	6.739	0.000	98	493059	10.0	10.8	
14 Trichlorofluoromethane	101	6.905	6.905	0.000	98	1466743	10.0	10.4	
15 Pentane	43	7.114	7.114	0.000	95	690947	10.0	11.8	
16 Ethanol	45	7.242	7.242	0.000	98	303149	15.0	19.3	
18 Ethyl ether	59	7.510	7.510	0.000	89	292027	10.0	11.2	
19 Acrolein	56	7.734	7.734	0.000	97	163305	11.7	14.7	
20 1,1-Dichloroethene	96	7.954	7.954	0.000	97	507479	10.0	10.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.002	8.002	0.000	94	1133213	10.0	10.3	
22 Acetone	43	8.002	8.002	0.000	98	609010	10.0	11.5	
23 Isopropyl alcohol	45	8.285	8.285	0.000	100	681789	11.6	13.4	
24 Carbon disulfide	76	8.360	8.360	0.000	99	1363552	10.0	11.2	
25 Acetonitrile	41	8.489	8.489	0.000	98	298348	10.0	11.5	
26 3-Chloro-1-propene	41	8.633	8.633	0.000	97	446507	10.0	9.72	
27 Methylene Chloride	49	8.858	8.858	0.000	87	456969	10.0	10.5	
28 2-Methyl-2-propanol	59	9.045	9.045	0.000	99	831421	10.0	11.4	
29 Acrylonitrile	53	9.232	9.232	0.000	95	258402	10.0	10.9	
30 trans-1,2-Dichloroethene	61	9.361	9.361	0.000	95	606959	10.0	9.60	
31 Methyl tert-butyl ether	73	9.371	9.371	0.000	96	1302055	10.0	10.2	
32 Hexane	57	9.885	9.885	0.000	92	589311	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.115	10.115	0.000	100	784528	10.0	9.70	
34 Vinyl acetate	43	10.120	10.120	0.000	99	881121	11.4	12.8	
S 35 1,2-Dichloroethene, Total	61				0		20.0	18.9	
36 2-Butanone (MEK)	72	11.062	11.062	0.000	98	224807	10.0	10.1	
37 cis-1,2-Dichloroethene	96	11.105	11.105	0.000	92	533102	10.0	9.34	
38 Ethyl acetate	88	11.153	11.153	0.000	99	40779	10.0	11.0	
* 39 Chlorobromomethane	128	11.506	11.506	0.000	77	509138	10.0	10.0	
40 Tetrahydrofuran	42	11.554	11.554	0.000	87	428911	10.0	10.7	
41 Chloroform	83	11.682	11.682	0.000	96	1066703	10.0	10.1	
42 1,1,1-Trichloroethane	97	12.003	12.003	0.000	97	1163667	10.0	9.70	
43 Cyclohexane	84	12.158	12.158	0.000	93	623596	10.0	9.78	
44 Carbon tetrachloride	117	12.287	12.287	0.000	98	1302799	10.0	9.48	
45 Benzene	78	12.624	12.624	0.000	95	1410286	10.0	9.74	
46 1,2-Dichloroethane	62	12.677	12.677	0.000	90	659551	10.0	9.90	
47 Isooctane	57	12.859	12.859	0.000	98	1930362	10.0	9.86	
48 n-Heptane	43	13.164	13.164	0.000	89	670906	10.0	9.42	
* 49 1,4-Difluorobenzene	114	13.346	13.346	0.000	94	2550434	10.0	10.0	
50 n-Butanol	56	13.539	13.539	0.000	90	287730	10.0	10.6	
51 Trichloroethene	95	13.785	13.785	0.000	97	715128	10.0	9.31	
A 52 GRO	1	14.191	(6.531-21.852)		0	224749382	649.9	0	
53 1,2-Dichloropropane	63	14.229	14.229	0.000	87	505445	10.0	9.87	
54 Methyl methacrylate	69	14.314	14.314	0.000	96	488216	10.0	10.4	
55 1,4-Dioxane	88	14.352	14.352	0.000	90	298097	10.0	9.91	
57 Dibromomethane	174	14.379	14.379	0.000	90	583629	10.0	8.28	
58 Dichlorobromomethane	83	14.689	14.689	0.000	97	1175088	10.0	9.89	
59 cis-1,3-Dichloropropene	75	15.491	15.491	0.000	93	926402	10.0	9.93	
A 60 TVOC as Toluene	1	15.537	(4.348-26.725)		0	356180477	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	15.743	15.743	0.000	98	906903	10.0	10.1	
62 Toluene	92	16.144	16.144	0.000	93	1066158	10.0	9.78	
A 63 Toluene Range	1	16.157	(16.069-16.246)		0	4297157	NC	NC	
64 n-Octane	43	16.412	16.412	0.000	87	942648	10.0	9.55	
A 65 C8 Range	1	16.412	(16.342-16.481)		0	4144754	NC	NC	
66 trans-1,3-Dichloropropene	75	16.540	16.540	0.000	97	756998	10.0	10.0	
67 1,1,2-Trichloroethane	83	16.909	16.909	0.000	97	546192	10.0	9.79	
68 Tetrachloroethene	166	17.139	17.139	0.000	91	867270	10.0	8.12	
69 2-Hexanone	43	17.316	17.316	0.000	95	861583	10.0	10.4	
70 Chlorodibromomethane	129	17.647	17.647	0.000	96	1289701	10.0	9.66	
71 Ethylene Dibromide	107	17.888	17.888	0.000	97	1066904	10.0	9.73	
* 73 Chlorobenzene-d5	117	18.808	18.808	0.000	86	2333571	10.0	10.0	
74 Chlorobenzene	112	18.867	18.867	0.000	96	1522298	10.0	9.41	
75 Ethylbenzene	91	19.065	19.065	0.000	98	2413100	10.0	9.85	
76 m-Xylene & p-Xylene	106	19.322	19.322	0.000	0	1906672	20.0	19.6	
77 n-Nonane	57	19.413	19.413	0.000	86	929695	10.0	9.82	
78 o-Xylene	106	20.098	20.098	0.000	98	920481	10.0	9.72	
S 80 Xylenes, Total	106				0		30.0	29.3	
79 Styrene	104	20.130	20.130	0.000	98	1518785	10.0	9.99	
81 Bromoform	173	20.456	20.456	0.000	91	1018274	10.0	8.94	
82 Isopropylbenzene	105	20.793	20.793	0.000	98	2831204	10.0	9.89	
83 1,1,2,2-Tetrachloroethane	83	21.285	21.285	0.000	99	1459476	10.0	10.1	
84 1,2,3-Trichloropropane	75	21.387	21.387	0.000	97	1110983	10.0	10.5	
85 N-Propylbenzene	91	21.505	21.505	0.000	99	3403745	10.0	10.2	
86 2-Chlorotoluene	91	21.649	21.649	0.000	97	2072256	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 4-Ethyltoluene	105	21.702	21.702	0.000	99	2794896	10.0	10.0	
88 1,3,5-Trimethylbenzene	105	21.799	21.799	0.000	92	2384921	10.0	10.0	
89 n-Decane	57	21.842	21.842	0.000	93	1230279	10.0	10.4	
90 Alpha Methyl Styrene	118	22.120	22.120	0.000	88	1265390	10.0	10.1	
91 tert-Butylbenzene	119	22.280	22.280	0.000	93	2356091	10.0	9.72	
92 1,2,4-Trimethylbenzene	105	22.366	22.366	0.000	98	2448175	10.0	10.1	
93 sec-Butylbenzene	105	22.607	22.607	0.000	99	3607893	10.0	10.1	
94 1,3-Dichlorobenzene	146	22.772	22.772	0.000	98	1707957	10.0	9.34	
95 4-Isopropyltoluene	119	22.821	22.821	0.000	97	3098952	10.0	10.0	
96 1,4-Dichlorobenzene	146	22.912	22.912	0.000	94	1687276	10.0	9.34	
97 Benzyl chloride	91	23.051	23.051	0.000	99	2069344	10.0	10.4	
98 n-Butylbenzene	91	23.372	23.372	0.000	98	2994296	10.0	10.5	
99 1,2-Dichlorobenzene	146	23.398	23.398	0.000	95	1648335	10.0	9.30	
100 Undecane	57	23.532	23.532	0.000	93	1464094	10.0	11.2	
101 Dodecane	57	25.116	25.116	0.000	94	1468449	10.0	11.4	
102 1,2,4-Trichlorobenzene	180	25.832	25.832	0.000	93	1306495	11.7	11.3	
103 Hexachlorobutadiene	225	26.084	26.084	0.000	86	947210	11.2	9.10	
104 Naphthalene	128	26.303	26.303	0.000	99	3404965	11.9	12.7	
105 1,2,3-Trichlorobenzene	180	26.715	26.715	0.000	95	1259440	11.6	11.2	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00835	Amount Added: 200.00	Units: mL	
ATTO15CISs_00012	Amount Added: 20.00	Units: mL	Run Reagent

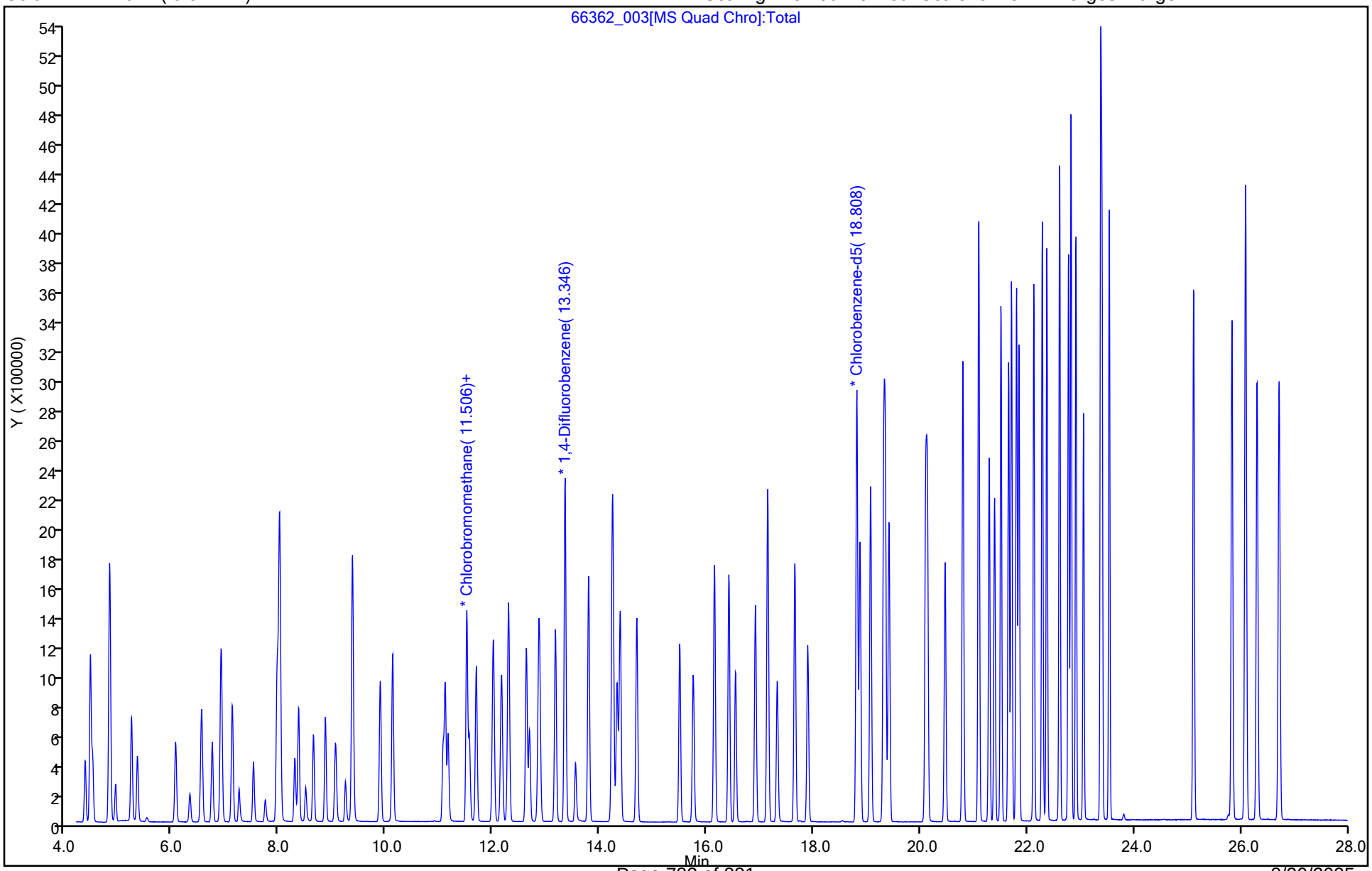
Report Date: 18-Aug-2025 07:36:52 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_003.D

Injection Date:	15-Aug-2025 08:50:58	Instrument ID:	CHAN.i	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab Sample ID: ICV 200-219090/24 Calibration Date: 08/12/2025 10:45

Instrument ID: CHW.i Calib Start Date: 08/11/2025 17:58

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/12/2025 09:55

Lab File ID: 66295-24.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.9864	0.9383		9.51	10.0	-4.9	30.0
Dichlorodifluoromethane	Ave	4.146	4.176		10.1	10.0	0.7	30.0
Freon 22	Ave	2.347	2.277		9.70	10.0	-3.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.758	3.673		9.77	10.0	-2.3	30.0
Chloromethane	Ave	1.157	1.100		9.51	10.0	-4.9	30.0
n-Butane	Ave	2.450	2.270		9.26	10.0	-7.3	30.0
Vinyl chloride	Ave	1.589	1.440		9.06	10.0	-9.4	30.0
1,3-Butadiene	Ave	1.362	1.134		8.32	10.0	-16.8	30.0
Bromomethane	Ave	1.164	1.134		9.74	10.0	-2.6	30.0
Chloroethane	Ave	0.6862	0.6402		9.33	10.0	-6.7	30.0
Isopentane	Ave	1.488	1.408		9.46	10.0	-5.4	30.0
Bromoethene(Vinyl Bromide)	Ave	1.232	1.191		9.66	10.0	-3.3	30.0
Trichlorofluoromethane	Ave	4.475	4.398		9.83	10.0	-1.7	30.0
n-Pentane	Ave	2.224	2.078		9.34	10.0	-6.6	30.0
Ethanol	Ave	0.6006	0.6174		15.4	15.0	2.8	30.0
Ethyl ether	Ave	0.9106	0.8869		9.74	10.0	-2.6	30.0
Acrolein	Ave	0.4540	0.4512		9.94	10.0	-0.6	30.0
1,1-Dichloroethene	Ave	1.343	1.246		9.27	10.0	-7.2	30.0
Freon TF	Ave	3.067	2.854		9.30	10.0	-6.9	30.0
Acetone	Ave	2.279	2.075		9.10	10.0	-8.9	30.0
Isopropyl alcohol	Ave	2.178	2.326		10.7	10.0	6.8	30.0
Carbon disulfide	Ave	3.451	3.198		9.27	10.0	-7.3	30.0
Acetonitrile	Ave	0.9420	0.7975		8.46	10.0	-15.3	30.0
3-Chloropropene	Ave	1.573	1.178		7.49	10.0	-25.1	30.0
Methylene Chloride	Ave	1.652	1.544		9.34	10.0	-6.5	30.0
tert-Butyl alcohol	Ave	3.238	3.096		9.56	10.0	-4.4	30.0
Acrylonitrile	Ave	0.9475	0.8429		8.89	10.0	-11.0	30.0
Methyl tert-butyl ether	Ave	4.296	4.156		9.67	10.0	-3.3	30.0
trans-1,2-Dichloroethene	Ave	2.035	2.005		9.85	10.0	-1.5	30.0
n-Hexane	Ave	2.151	2.069		9.62	10.0	-3.8	30.0
1,1-Dichloroethane	Ave	2.602	2.390		9.18	10.0	-8.2	30.0
Vinyl acetate	Ave	2.839	2.799		9.86	10.0	-1.4	30.0
Methyl Ethyl Ketone	Ave	0.6246	0.6133		9.82	10.0	-1.8	30.0
cis-1,2-Dichloroethene	Ave	1.510	1.354		8.97	10.0	-10.3	30.0
Ethyl acetate	Ave	0.1294	0.1240		9.58	10.0	-4.1	30.0
Tetrahydrofuran	Ave	0.2958	0.2665		9.01	10.0	-9.9	30.0
Chloroform	Ave	3.177	3.078		9.69	10.0	-3.1	30.0
1,1,1-Trichloroethane	Ave	0.7383	0.7217		9.77	10.0	-2.3	30.0
Cyclohexane	Ave	0.3575	0.3364		9.41	10.0	-5.9	30.0
Carbon tetrachloride	Ave	0.7718	0.7713		9.99	10.0	-0.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab Sample ID: ICV 200-219090/24 Calibration Date: 08/12/2025 10:45

Instrument ID: CHW.i Calib Start Date: 08/11/2025 17:58

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/12/2025 09:55

Lab File ID: 66295-24.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.7859	0.7468		9.50	10.0	-5.0	30.0
1,2-Dichloroethane	Ave	0.4655	0.4491		9.65	10.0	-3.5	30.0
2,2,4-Trimethylpentane	Ave	1.347	1.289		9.56	10.0	-4.3	30.0
n-Heptane	Ave	0.4745	0.4506		9.49	10.0	-5.0	30.0
n-Butanol	Ave	0.2007	0.1781		8.87	10.0	-11.3	30.0
Trichloroethene	Ave	0.3979	0.3851		9.68	10.0	-3.2	30.0
1,2-Dichloropropane	Ave	0.2940	0.2803		9.53	10.0	-4.7	30.0
Methyl methacrylate	Ave	0.2814	0.2688		9.55	10.0	-4.5	30.0
1,4-Dioxane	Ave	0.1571	0.1588		10.1	10.0	1.0	30.0
Dibromomethane	Ave	0.3908	0.3831		9.80	10.0	-2.0	30.0
Bromodichloromethane	Ave	0.6894	0.6690		9.70	10.0	-3.0	30.0
cis-1,3-Dichloropropene	Ave	0.5228	0.5005		9.57	10.0	-4.3	30.0
methyl isobutyl ketone	Ave	0.6394	0.6224		9.73	10.0	-2.7	30.0
Toluene	Ave	0.6910	0.6679		9.66	10.0	-3.3	30.0
n-Octane	Ave	0.6637	0.6306		9.50	10.0	-5.0	30.0
trans-1,3-Dichloropropene	Ave	0.4491	0.4680		10.4	10.0	4.2	30.0
1,1,2-Trichloroethane	Ave	0.3166	0.3083		9.73	10.0	-2.7	30.0
Tetrachloroethene	Ave	0.6635	0.6360		9.58	10.0	-4.2	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6728	0.6834		10.2	10.0	1.6	30.0
Dibromochloromethane	Ave	0.8137	0.7521		9.24	10.0	-7.6	30.0
1,2-Dibromoethane	Ave	0.6440	0.6264		9.73	10.0	-2.7	30.0
Chlorobenzene	Ave	0.9777	0.9354		9.57	10.0	-4.3	30.0
Ethylbenzene	Ave	1.635	1.588		9.71	10.0	-2.9	30.0
m,p-Xylene	Ave	0.6144	0.5963		19.4	20.0	-3.0	30.0
n-Nonane	Ave	0.7230	0.6939		9.60	10.0	-4.0	30.0
Xylene, o-	Ave	0.5895	0.5706		9.68	10.0	-3.2	30.0
Styrene	Ave	0.9867	0.9533		9.66	10.0	-3.4	30.0
Bromoform	Ave	0.7616	0.6224		8.17	10.0	-18.3	30.0
Cumene	Ave	1.947	1.873		9.62	10.0	-3.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8355	0.7789		9.32	10.0	-6.8	30.0
1,2,3-Trichloropropane	Ave	0.6960	0.6568		9.43	10.0	-5.6	30.0
n-Propylbenzene	Ave	2.256	2.163		9.58	10.0	-4.1	30.0
2-Chlorotoluene	Ave	1.627	1.537		9.44	10.0	-5.5	30.0
4-Ethyltoluene	Ave	1.905	1.876		9.85	10.0	-1.5	30.0
1,3,5-Trimethylbenzene	Ave	1.693	1.598		9.44	10.0	-5.6	30.0
n-Decane	Ave	0.9642	0.9305		9.65	10.0	-3.5	30.0
Alpha Methyl Styrene	Ave	0.8288	0.7791		9.40	10.0	-6.0	30.0
tert-Butylbenzene	Ave	1.637	1.568		9.58	10.0	-4.2	30.0
1,2,4-Trimethylbenzene	Ave	1.678	1.602		9.55	10.0	-4.5	30.0
sec-Butylbenzene	Ave	2.402	2.311		9.62	10.0	-3.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab Sample ID: ICV 200-219090/24 Calibration Date: 08/12/2025 10:45

Instrument ID: CHW.i Calib Start Date: 08/11/2025 17:58

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/12/2025 09:55

Lab File ID: 66295-24.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	1.131	1.055		9.33	10.0	-6.7	30.0
4-Isopropyltoluene	Ave	2.165	2.024		9.35	10.0	-6.5	30.0
1,4-Dichlorobenzene	Ave	1.124	1.057		9.41	10.0	-5.9	30.0
Benzyl chloride	Ave	1.441	1.306		9.06	10.0	-9.4	30.0
n-Butylbenzene	Ave	1.923	1.829		9.51	10.0	-4.9	30.0
1,2-Dichlorobenzene	Ave	1.082	0.9877		9.13	10.0	-8.7	30.0
n-Undecane	Ave	1.102	1.006		9.13	10.0	-8.7	30.0
n-Dodecane	Ave	1.067	0.9626		9.02	10.0	-9.8	30.0
1,2,4-Trichlorobenzene	Ave	0.8890	0.9057		10.2	10.0	1.9	30.0
Hexachlorobutadiene	Ave	1.010	0.9838		9.73	10.0	-2.6	30.0
Naphthalene	Ave	1.987	1.727		8.69	10.0	-13.1	30.0
1,2,3-Trichlorobenzene	Ave	0.9003	0.7540		8.37	10.0	-16.3	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-24.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 12-Aug-2025 10:45:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066295-024
Operator ID: vtp Instrument ID: CHW.i
Sublist:

Method: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Aug-2025 11:59:58 Calib Date: 12-Aug-2025 09:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: BKZ7 Date: 12-Aug-2025 11:45:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.109	4.109	0.000	97	113957	10.0	9.51	
2 Dichlorodifluoromethane	85	4.195	4.200	-0.005	99	507212	10.0	10.1	
3 Chlorodifluoromethane	51	4.238	4.238	0.000	96	276493	10.0	9.70	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.537	4.537	0.000	92	446055	10.0	9.77	
5 Chloromethane	50	4.650	4.655	-0.005	99	133639	10.0	9.51	
6 Vinyl chloride	62	4.944	4.949	-0.005	99	174928	10.0	9.06	
7 Butane	43	4.944	4.955	-0.011	96	275673	10.0	9.26	
8 Butadiene	54	5.056	5.062	-0.006	93	137711	10.0	8.32	
9 Bromomethane	94	5.800	5.805	-0.005	98	137724	10.0	9.74	
11 BFB									
10 Chloroethane	64	6.094	6.094	0.000	99	77754	10.0	9.33	
12 2-Methylbutane	43	6.330	6.335	-0.005	92	170979	10.0	9.46	
13 Vinyl bromide	106	6.570	6.570	0.000	98	144601	10.0	9.66	
14 Trichlorofluoromethane	101	6.752	6.752	0.000	99	534100	10.0	9.83	
15 Pentane	43	6.982	6.988	-0.006	95	252419	10.0	9.34	
16 Ethanol	45	7.169	7.175	-0.006	98	112524	15.0	15.4	
18 Ethyl ether	59	7.458	7.464	-0.006	94	107719	10.0	9.74	
19 Acrolein	56	7.737	7.747	-0.010	97	54802	10.0	9.94	
20 1,1-Dichloroethene	96	7.983	7.988	-0.005	93	151345	10.0	9.27	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.031	8.025	0.006	96	346646	10.0	9.30	
22 Acetone	43	8.058	8.057	0.001	99	251997	10.0	9.10	
23 Isopropyl alcohol	45	8.405	8.405	0.000	100	282496	10.0	10.7	
24 Carbon disulfide	76	8.469	8.475	-0.006	100	388407	10.0	9.27	
25 Acetonitrile	41	8.651	8.651	0.000	99	96854	10.0	8.46	
26 3-Chloro-1-propene	41	8.812	8.812	0.000	96	143096	10.0	7.49	
27 Methylene Chloride	49	9.090	9.090	0.000	97	187464	10.0	9.34	
28 2-Methyl-2-propanol	59	9.320	9.320	0.000	99	376058	10.0	9.56	
29 Acrylonitrile	53	9.555	9.555	0.000	96	102367	10.0	8.89	
31 Methyl tert-butyl ether	73	9.684	9.689	-0.005	96	504769	10.0	9.67	
30 trans-1,2-Dichloroethene	61	9.695	9.694	0.001	96	243500	10.0	9.85	
S 35 1,2-Dichloroethene, Total	61				0		20.0	18.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	10.299	10.299	0.000	92	251248	10.0	9.62	
33 1,1-Dichloroethane	63	10.588	10.593	-0.005	100	290217	10.0	9.18	
34 Vinyl acetate	43	10.593	10.593	0.000	99	339931	10.0	9.86	
36 2-Butanone (MEK)	72	11.679	11.685	-0.006	100	74490	10.0	9.82	
37 cis-1,2-Dichloroethene	96	11.722	11.727	-0.005	98	164479	10.0	8.97	
38 Ethyl acetate	88	11.781	11.781	0.000	99	15064	10.0	9.58	
* 39 Chlorobromomethane	128	12.188	12.187	0.001	89	121473	10.0	10.0	
40 Tetrahydrofuran	42	12.236	12.241	-0.005	91	167778	10.0	9.01	
41 Chloroform	83	12.375	12.375	0.000	97	373846	10.0	9.69	
42 1,1,1-Trichloroethane	97	12.722	12.728	-0.006	98	454395	10.0	9.77	
43 Cyclohexane	84	12.888	12.888	0.000	97	211827	10.0	9.41	
44 Carbon tetrachloride	117	13.038	13.043	-0.005	98	485669	10.0	10.0	
45 Benzene	78	13.407	13.407	0.000	98	470209	10.0	9.50	
46 1,2-Dichloroethane	62	13.482	13.482	0.000	90	282780	10.0	9.65	
47 Isooctane	57	13.643	13.643	0.000	98	811414	10.0	9.56	
48 n-Heptane	43	13.969	13.969	0.000	92	283716	10.0	9.49	
* 49 1,4-Difluorobenzene	114	14.188	14.188	0.000	95	629776	10.0	10.0	
50 n-Butanol	56	14.402	14.397	0.005	90	112143	10.0	8.87	
A 52 GRO	1	14.498	(6.325-22.672)		0	81479723	649.9	0	
51 Trichloroethene	95	14.664	14.659	0.005	97	242499	10.0	9.68	
53 1,2-Dichloropropane	63	15.141	15.140	0.001	68	176492	10.0	9.53	
54 Methyl methacrylate	69	15.210	15.215	-0.005	91	169251	10.0	9.55	
55 1,4-Dioxane	88	15.269	15.274	-0.005	95	99964	10.0	10.1	
57 Dibromomethane	174	15.312	15.312	0.000	93	241198	10.0	9.80	
58 Dichlorobromomethane	83	15.627	15.633	-0.006	99	421215	10.0	9.70	
A 60 TVOC as Toluene	1	16.079	(4.099-28.059)		0	128183143	899.8	0	
59 cis-1,3-Dichloropropene	75	16.467	16.467	0.000	97	315172	10.0	9.57	
61 4-Methyl-2-pentanone (MIBK)	43	16.713	16.713	0.000	98	391870	10.0	9.73	
62 Toluene	92	17.141	17.141	0.000	93	364724	10.0	9.66	
A 63 Toluene Range	1	17.157	(17.077-17.238)		0	1558961	NC	NC	
64 n-Octane	43	17.382	17.382	0.000	89	397034	10.0	9.50	
A 65 C8 Range	1	17.393	(17.307-17.478)		0	1653459	NC	NC	
66 trans-1,3-Dichloropropene	75	17.553	17.553	0.000	98	294662	10.0	10.4	
67 1,1,2-Trichloroethane	83	17.944	17.944	0.000	97	168320	10.0	9.73	
68 Tetrachloroethene	166	18.174	18.179	-0.005	95	347257	10.0	9.58	
69 2-Hexanone	43	18.340	18.340	0.000	94	373186	10.0	10.2	
70 Chlorodibromomethane	129	18.714	18.719	-0.005	98	410664	10.0	9.24	
71 Ethylene Dibromide	107	18.971	18.976	-0.005	98	342062	10.0	9.73	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	88	546146	10.0	10.0	
74 Chlorobenzene	112	19.966	19.961	0.005	94	510792	10.0	9.57	
S 80 Xylenes, Total	106				0		30.0	29.1	
75 Ethylbenzene	91	20.148	20.148	0.000	99	866884	10.0	9.71	
76 m-Xylene & p-Xylene	106	20.399	20.405	-0.006	0	651159	20.0	19.4	
77 n-Nonane	57	20.437	20.437	0.000	88	378885	10.0	9.60	
78 o-Xylene	106	21.111	21.111	0.000	98	311593	10.0	9.68	
79 Styrene	104	21.138	21.137	0.001	99	520521	10.0	9.66	
81 Bromoform	173	21.464	21.464	0.000	96	339835	10.0	8.17	
82 Isopropylbenzene	105	21.726	21.726	0.000	99	1022923	10.0	9.62	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	98	425285	10.0	9.32	
84 1,2,3-Trichloropropane	75	22.288	22.288	0.000	94	358624	10.0	9.43	
85 N-Propylbenzene	91	22.384	22.384	0.000	99	1180982	10.0	9.58	
86 2-Chlorotoluene	91	22.539	22.539	0.000	97	839339	10.0	9.44	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 4-Ethyltoluene	105	22.566	22.566	0.000	98	1024471	10.0	9.85	
88 1,3,5-Trimethylbenzene	105	22.652	22.651	0.001	91	872401	10.0	9.44	
89 n-Decane	57	22.657	22.662	-0.005	93	508100	10.0	9.65	
90 Alpha Methyl Styrene	118	22.962	22.962	0.000	87	425401	10.0	9.40	
91 tert-Butylbenzene	119	23.112	23.112	0.000	93	856276	10.0	9.58	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	98	874693	10.0	9.55	
93 sec-Butylbenzene	105	23.433	23.432	0.001	98	1261723	10.0	9.62	
94 1,3-Dichlorobenzene	146	23.625	23.625	0.000	99	575910	10.0	9.33	
95 4-Isopropyltoluene	119	23.647	23.646	0.001	97	1105267	10.0	9.35	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	94	577212	10.0	9.41	
97 Benzyl chloride	91	23.919	23.919	0.000	98	713074	10.0	9.06	
98 n-Butylbenzene	91	24.246	24.246	0.000	98	998481	10.0	9.51	
99 1,2-Dichlorobenzene	146	24.310	24.310	0.000	95	539298	10.0	9.13	
100 Undecane	57	24.379	24.379	0.000	94	549518	10.0	9.13	
101 Dodecane	57	26.124	26.129	-0.005	96	525629	10.0	9.02	
102 1,2,4-Trichlorobenzene	180	27.022	27.022	0.000	94	494537	10.0	10.2	
103 Hexachlorobutadiene	225	27.290	27.295	-0.005	97	537178	10.0	9.73	
104 Naphthalene	128	27.573	27.573	0.000	99	942822	10.0	8.69	
105 1,2,3-Trichlorobenzene	180	28.039	28.049	-0.010	95	411709	10.0	8.37	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00886	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

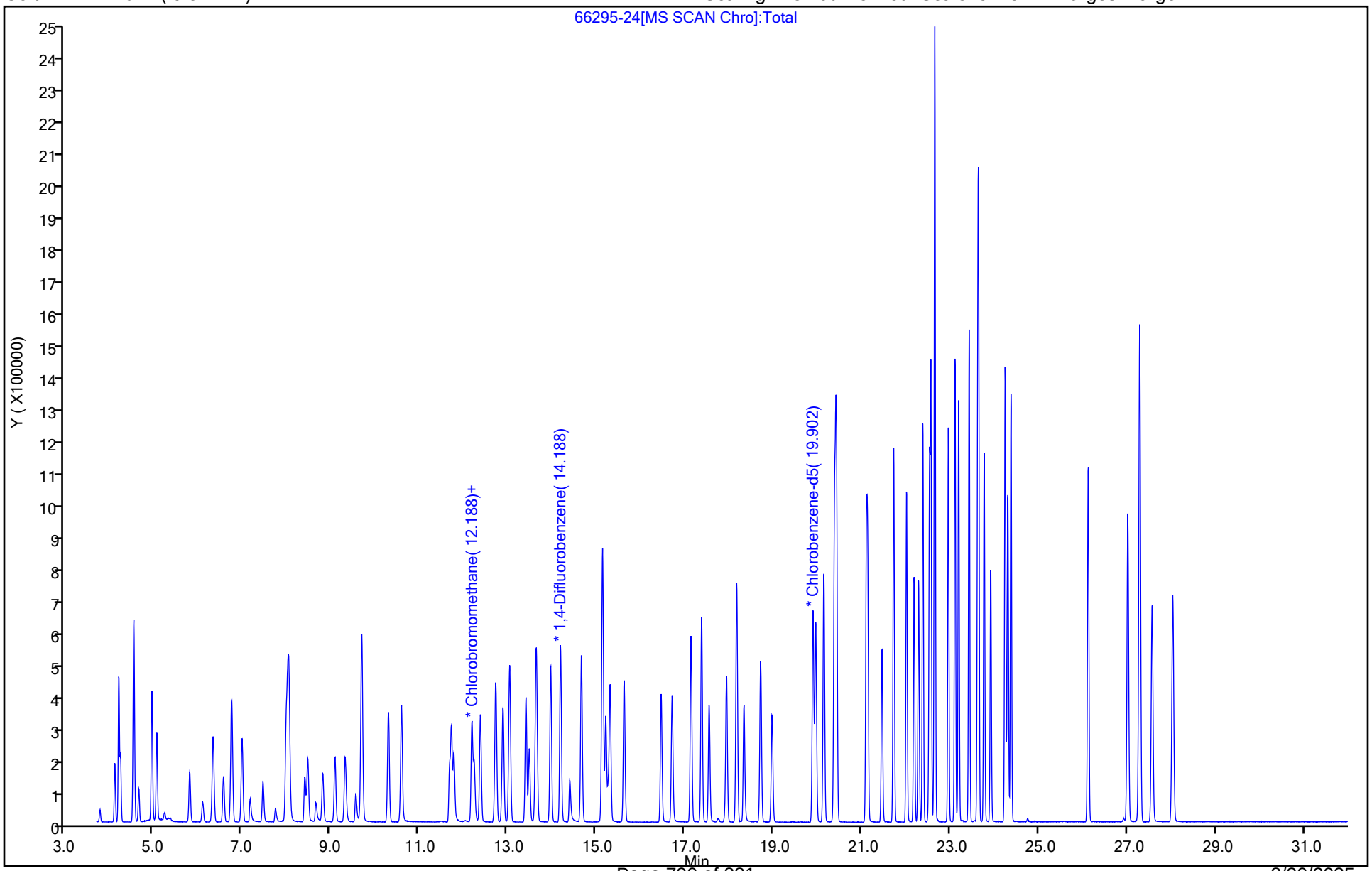
Report Date: 12-Aug-2025 12:00:13 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-24.d

Injection Date:	12-Aug-2025 10:45:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ICV			Worklist Smp#:	24
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab Sample ID: CCVIS 200-219284/3 Calibration Date: 08/18/2025 08:56

Instrument ID: CHW.i Calib Start Date: 08/11/2025 17:58

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/12/2025 09:55

Lab File ID: 66386-03.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.9864	1.108		11.2	10.0	12.3	30.0
Dichlorodifluoromethane	Ave	4.146	5.327		12.8	10.0	28.5	30.0
Freon 22	Ave	2.347	2.830		12.1	10.0	20.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.758	4.424		11.8	10.0	17.7	30.0
Chloromethane	Ave	1.157	1.284		11.1	10.0	11.0	30.0
Vinyl chloride	Ave	1.589	1.579		9.94	10.0	-0.6	30.0
n-Butane	Ave	2.450	2.592		10.6	10.0	5.8	30.0
1,3-Butadiene	Ave	1.362	1.302		9.56	10.0	-4.4	30.0
Bromomethane	Ave	1.164	1.263		10.8	10.0	8.5	30.0
Chloroethane	Ave	0.6862	0.7184		10.5	10.0	4.7	30.0
Isopentane	Ave	1.488	1.577		10.6	10.0	6.0	30.0
Bromoethene(Vinyl Bromide)	Ave	1.232	1.330		10.8	10.0	8.0	30.0
Trichlorofluoromethane	Ave	4.475	5.598		12.5	10.0	25.1	30.0
n-Pentane	Ave	2.224	2.374		10.7	10.0	6.7	30.0
Ethanol	Ave	0.6006	0.6543		16.3	15.0	8.9	30.0
Ethyl ether	Ave	0.9106	1.013		11.1	10.0	11.3	30.0
Acrolein	Ave	0.4540	0.4758		12.3	11.7	4.8	30.0
1,1-Dichloroethene	Ave	1.343	1.432		10.7	10.0	6.6	30.0
Freon TF	Ave	3.067	3.451		11.3	10.0	12.5	30.0
Acetone	Ave	2.279	2.588		11.4	10.0	13.6	30.0
Isopropyl alcohol	Ave	2.178	2.293		12.2	11.6	5.2	30.0
Carbon disulfide	Ave	3.451	3.591		10.4	10.0	4.1	30.0
Acetonitrile	Ave	0.9420	0.9586		10.2	10.0	1.8	30.0
3-Chloropropene	Ave	1.573	1.691		10.7	10.0	7.4	30.0
Methylene Chloride	Ave	1.652	1.850		11.2	10.0	12.0	30.0
tert-Butyl alcohol	Ave	3.238	3.608		11.1	10.0	11.4	30.0
Acrylonitrile	Ave	0.9475	0.9599		10.1	10.0	1.3	30.0
Methyl tert-butyl ether	Ave	4.296	4.821		11.2	10.0	12.2	30.0
trans-1,2-Dichloroethene	Ave	2.035	2.291		11.3	10.0	12.6	30.0
n-Hexane	Ave	2.151	2.289		10.6	10.0	6.4	30.0
1,1-Dichloroethane	Ave	2.602	2.808		10.8	10.0	7.9	30.0
Vinyl acetate	Ave	2.839	2.991		12.0	11.4	5.4	30.0
Methyl Ethyl Ketone	Ave	0.6246	0.6552		10.5	10.0	4.9	30.0
cis-1,2-Dichloroethene	Ave	1.510	1.544		10.2	10.0	2.3	30.0
Ethyl acetate	Ave	0.1294	0.1332		10.3	10.0	2.9	30.0
Tetrahydrofuran	Ave	0.2958	0.3151		10.6	10.0	6.5	30.0
Chloroform	Ave	3.177	3.641		11.5	10.0	14.6	30.0
1,1,1-Trichloroethane	Ave	0.7383	0.9272		12.6	10.0	25.6	30.0
Cyclohexane	Ave	0.3575	0.3817		10.7	10.0	6.8	30.0
Carbon tetrachloride	Ave	0.7718	1.011		13.1	10.0	31.0*	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab Sample ID: CCVIS 200-219284/3 Calibration Date: 08/18/2025 08:56

Instrument ID: CHW.i Calib Start Date: 08/11/2025 17:58

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/12/2025 09:55

Lab File ID: 66386-03.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.7859	0.8281		10.5	10.0	5.4	30.0
1,2-Dichloroethane	Ave	0.4655	0.5967		12.8	10.0	28.2	30.0
2,2,4-Trimethylpentane	Ave	1.347	1.455		10.8	10.0	8.0	30.0
n-Heptane	Ave	0.4745	0.5115		10.8	10.0	7.8	30.0
n-Butanol	Ave	0.2007	0.2110		10.5	10.0	5.1	30.0
Trichloroethene	Ave	0.3979	0.4476		11.2	10.0	12.5	30.0
1,2-Dichloropropane	Ave	0.2940	0.3172		10.8	10.0	7.9	30.0
Methyl methacrylate	Ave	0.2814	0.3079		10.9	10.0	9.4	30.0
1,4-Dioxane	Ave	0.1571	0.1815		11.5	10.0	15.5	30.0
Dibromomethane	Ave	0.3908	0.4411		11.3	10.0	12.9	30.0
Bromodichloromethane	Ave	0.6894	0.8365		12.1	10.0	21.3	30.0
cis-1,3-Dichloropropene	Ave	0.5228	0.5837		11.2	10.0	11.6	30.0
methyl isobutyl ketone	Ave	0.6394	0.7169		11.2	10.0	12.1	30.0
Toluene	Ave	0.6910	0.7471		10.8	10.0	8.1	30.0
n-Octane	Ave	0.6637	0.7179		10.8	10.0	8.2	30.0
trans-1,3-Dichloropropene	Ave	0.4491	0.5284		11.8	10.0	17.6	30.0
1,1,2-Trichloroethane	Ave	0.3166	0.3393		10.7	10.0	7.1	30.0
Tetrachloroethene	Ave	0.6635	0.7258		10.9	10.0	9.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.6728	0.7828		11.6	10.0	16.3	30.0
Dibromochloromethane	Ave	0.8137	0.9677		11.9	10.0	18.9	30.0
1,2-Dibromoethane	Ave	0.6440	0.7062		11.0	10.0	9.7	30.0
Chlorobenzene	Ave	0.9777	1.058		10.8	10.0	8.2	30.0
Ethylbenzene	Ave	1.635	1.817		11.1	10.0	11.1	30.0
m,p-Xylene	Ave	0.6144	0.6819		22.2	20.0	11.0	30.0
n-Nonane	Ave	0.7230	0.7862		10.9	10.0	8.8	30.0
Xylene, o-	Ave	0.5895	0.6405		10.9	10.0	8.7	30.0
Styrene	Ave	0.9867	1.092		11.1	10.0	10.7	30.0
Bromoform	Ave	0.7616	0.9285		12.2	10.0	21.9	30.0
Cumene	Ave	1.947	2.207		11.3	10.0	13.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8355	0.8906		10.7	10.0	6.6	30.0
1,2,3-Trichloropropane	Ave	0.6960	0.7857		11.3	10.0	12.9	30.0
n-Propylbenzene	Ave	2.256	2.546		11.3	10.0	12.8	30.0
2-Chlorotoluene	Ave	1.627	1.849		11.4	10.0	13.6	30.0
4-Ethyltoluene	Ave	1.905	2.166		11.4	10.0	13.7	30.0
1,3,5-Trimethylbenzene	Ave	1.693	1.915		11.3	10.0	13.1	30.0
n-Decane	Ave	0.9642	1.063		11.0	10.0	10.2	30.0
Alpha Methyl Styrene	Ave	0.8288	0.9291		11.2	10.0	12.1	30.0
tert-Butylbenzene	Ave	1.637	1.903		11.6	10.0	16.2	30.0
1,2,4-Trimethylbenzene	Ave	1.678	1.944		11.6	10.0	15.9	30.0
sec-Butylbenzene	Ave	2.402	2.737		11.4	10.0	14.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Lab Sample ID: CCVIS 200-219284/3 Calibration Date: 08/18/2025 08:56

Instrument ID: CHW.i Calib Start Date: 08/11/2025 17:58

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 08/12/2025 09:55

Lab File ID: 66386-03.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	1.131	1.269		11.2	10.0	12.3	30.0
4-Isopropyltoluene	Ave	2.165	2.501		11.5	10.0	15.5	30.0
1,4-Dichlorobenzene	Ave	1.124	1.263		11.2	10.0	12.4	30.0
Benzyl chloride	Ave	1.441	1.695		11.8	10.0	17.6	30.0
n-Butylbenzene	Ave	1.923	2.240		11.6	10.0	16.4	30.0
1,2-Dichlorobenzene	Ave	1.082	1.209		11.2	10.0	11.7	30.0
n-Undecane	Ave	1.102	1.209		11.0	10.0	9.7	30.0
n-Dodecane	Ave	1.067	1.210		11.3	10.0	13.3	30.0
1,2,4-Trichlorobenzene	Ave	0.8890	0.9809		12.9	11.7	10.3	30.0
Hexachlorobutadiene	Ave	1.010	1.106		12.3	11.2	9.4	30.0
Naphthalene	Ave	1.987	2.005		12.0	11.9	0.9	30.0
1,2,3-Trichlorobenzene	Ave	0.9003	0.9516		12.3	11.6	5.7	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-03.d
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 18-Aug-2025 08:56:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066386-003
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Aug-2025 09:01:52 Calib Date: 12-Aug-2025 09:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: F7XK Date: 19-Aug-2025 09:01:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.115	4.115	0.000	96	110526	10.0	11.2	
2 Dichlorodifluoromethane	85	4.206	4.206	0.000	99	531296	10.0	12.8	
3 Chlorodifluoromethane	51	4.243	4.243	0.000	96	282218	10.0	12.1	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.543	4.543	0.000	91	441204	10.0	11.8	
5 Chloromethane	50	4.661	4.661	0.000	99	128103	10.0	11.1	
6 Vinyl chloride	62	4.955	4.955	0.000	100	157511	10.0	9.94	
7 Butane	43	4.960	4.960	0.000	94	258539	10.0	10.6	
8 Butadiene	54	5.067	5.067	0.000	96	129911	10.0	9.56	
9 Bromomethane	94	5.816	5.816	0.000	97	125938	10.0	10.8	
11 BFB									
10 Chloroethane	64	6.105	6.105	0.000	98	71650	10.0	10.5	
12 2-Methylbutane	43	6.335	6.335	0.000	89	157306	10.0	10.6	
13 Vinyl bromide	106	6.576	6.576	0.000	96	132646	10.0	10.8	
14 Trichlorofluoromethane	101	6.758	6.758	0.000	99	558382	10.0	12.5	
15 Pentane	43	6.993	6.993	0.000	94	236744	10.0	10.7	
16 Ethanol	45	7.170	7.170	0.000	96	97934	15.0	16.3	
18 Ethyl ether	59	7.464	7.464	0.000	93	101063	10.0	11.1	
19 Acrolein	56	7.747	7.747	0.000	97	55572	11.7	12.3	
20 1,1-Dichloroethene	96	7.988	7.988	0.000	92	142798	10.0	10.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.042	8.042	0.000	96	344244	10.0	11.3	
22 Acetone	43	8.063	8.063	0.000	100	258107	10.0	11.4	
23 Isopropyl alcohol	45	8.411	8.411	0.000	98	265016	11.6	12.2	
24 Carbon disulfide	76	8.480	8.480	0.000	99	358154	10.0	10.4	
25 Acetonitrile	41	8.657	8.657	0.000	98	95611	10.0	10.2	
26 3-Chloro-1-propene	41	8.812	8.812	0.000	91	168619	10.0	10.7	
27 Methylene Chloride	49	9.095	9.095	0.000	98	184477	10.0	11.2	
28 2-Methyl-2-propanol	59	9.320	9.320	0.000	98	359833	10.0	11.1	
29 Acrylonitrile	53	9.561	9.561	0.000	93	95746	10.0	10.1	
31 Methyl tert-butyl ether	73	9.695	9.695	0.000	96	480808	10.0	11.2	
30 trans-1,2-Dichloroethene	61	9.700	9.700	0.000	74	228536	10.0	11.3	
S 35 1,2-Dichloroethene, Total	61				0		20.0	21.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 Hexane	57	10.299	10.299	0.000	90	228270	10.0	10.6	
33 1,1-Dichloroethane	63	10.588	10.588	0.000	99	280081	10.0	10.8	
34 Vinyl acetate	43	10.599	10.599	0.000	99	339796	11.4	12.0	
36 2-Butanone (MEK)	72	11.679	11.679	0.000	100	65351	10.0	10.5	
37 cis-1,2-Dichloroethene	96	11.727	11.727	0.000	99	154039	10.0	10.2	
38 Ethyl acetate	88	11.776	11.776	0.000	99	13283	10.0	10.3	
* 39 Chlorobromomethane	128	12.188	12.188	0.000	89	99760	10.0	10.0	
40 Tetrahydrofuran	42	12.236	12.236	0.000	89	157934	10.0	10.6	
41 Chloroform	83	12.380	12.380	0.000	96	363114	10.0	11.5	
42 1,1,1-Trichloroethane	97	12.723	12.723	0.000	98	464782	10.0	12.6	
43 Cyclohexane	84	12.888	12.888	0.000	95	191336	10.0	10.7	
44 Carbon tetrachloride	117	13.043	13.043	0.000	98	506921	10.0	13.1	
45 Benzene	78	13.407	13.407	0.000	98	415064	10.0	10.5	
46 1,2-Dichloroethane	62	13.482	13.482	0.000	89	299121	10.0	12.8	
47 Isooctane	57	13.643	13.643	0.000	96	729384	10.0	10.8	
48 n-Heptane	43	13.969	13.969	0.000	90	256378	10.0	10.8	
* 49 1,4-Difluorobenzene	114	14.188	14.188	0.000	96	501350	10.0	10.0	
50 n-Butanol	56	14.402	14.402	0.000	92	105765	10.0	10.5	
A 52 GRO	1	14.499	(6.325-22.672)		0	80608907	649.9	0	
51 Trichloroethene	95	14.664	14.664	0.000	96	224381	10.0	11.2	
53 1,2-Dichloropropane	63	15.146	15.146	0.000	62	158993	10.0	10.8	
54 Methyl methacrylate	69	15.215	15.215	0.000	89	154336	10.0	10.9	
55 1,4-Dioxane	88	15.269	15.269	0.000	95	90994	10.0	11.5	
57 Dibromomethane	174	15.312	15.312	0.000	93	221079	10.0	11.3	
58 Dichlorobromomethane	83	15.627	15.627	0.000	99	419300	10.0	12.1	
A 60 TVOC as Toluene	1	16.085	(4.105-28.065)		0	129257064	899.8	0	
59 cis-1,3-Dichloropropene	75	16.467	16.467	0.000	96	292578	10.0	11.2	
61 4-Methyl-2-pentanone (MIBK)	43	16.713	16.713	0.000	98	359367	10.0	11.2	
62 Toluene	92	17.141	17.141	0.000	93	329268	10.0	10.8	
A 63 Toluene Range	1	17.155	(17.077-17.232)		0	1453990	NC	NC	
64 n-Octane	43	17.377	17.377	0.000	87	359837	10.0	10.8	
A 65 C8 Range	1	17.382	(17.313-17.452)		0	1568697	NC	NC	
66 trans-1,3-Dichloropropene	75	17.553	17.553	0.000	96	264864	10.0	11.8	
67 1,1,2-Trichloroethane	83	17.944	17.944	0.000	93	149525	10.0	10.7	
68 Tetrachloroethene	166	18.174	18.174	0.000	94	319918	10.0	10.9	
69 2-Hexanone	43	18.340	18.340	0.000	93	345027	10.0	11.6	
70 Chlorodibromomethane	129	18.720	18.720	0.000	98	426521	10.0	11.9	
71 Ethylene Dibromide	107	18.976	18.976	0.000	98	311250	10.0	11.0	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	90	440837	10.0	10.0	
74 Chlorobenzene	112	19.961	19.961	0.000	92	466213	10.0	10.8	
S 80 Xylenes, Total	106				0		30.0	33.1	
75 Ethylbenzene	91	20.148	20.148	0.000	100	800770	10.0	11.1	
76 m-Xylene & p-Xylene	106	20.405	20.405	0.000	0	601061	20.0	22.2	
77 n-Nonane	57	20.437	20.437	0.000	89	346531	10.0	10.9	
78 o-Xylene	106	21.111	21.111	0.000	97	282323	10.0	10.9	
79 Styrene	104	21.138	21.138	0.000	99	481497	10.0	11.1	
81 Bromoform	173	21.459	21.459	0.000	95	409236	10.0	12.2	
82 Isopropylbenzene	105	21.726	21.726	0.000	99	972620	10.0	11.3	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	97	392520	10.0	10.7	
84 1,2,3-Trichloropropane	75	22.288	22.288	0.000	92	346315	10.0	11.3	
85 N-Propylbenzene	91	22.384	22.384	0.000	98	1122088	10.0	11.3	
86 2-Chlorotoluene	91	22.539	22.539	0.000	97	814823	10.0	11.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 4-Ethyltoluene	105	22.566	22.566	0.000	98	954531	10.0	11.4	
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	91	844078	10.0	11.3	
89 n-Decane	57	22.662	22.662	0.000	94	468375	10.0	11.0	
90 Alpha Methyl Styrene	118	22.962	22.962	0.000	85	409488	10.0	11.2	
91 tert-Butylbenzene	119	23.112	23.112	0.000	92	838596	10.0	11.6	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	98	856883	10.0	11.6	
93 sec-Butylbenzene	105	23.433	23.433	0.000	97	1206181	10.0	11.4	
94 1,3-Dichlorobenzene	146	23.625	23.625	0.000	98	559374	10.0	11.2	
95 4-Isopropyltoluene	119	23.647	23.647	0.000	97	1102252	10.0	11.5	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	95	556576	10.0	11.2	
97 Benzyl chloride	91	23.919	23.919	0.000	97	746910	10.0	11.8	
98 n-Butylbenzene	91	24.246	24.246	0.000	98	987169	10.0	11.6	
99 1,2-Dichlorobenzene	146	24.305	24.305	0.000	94	532789	10.0	11.2	
100 Undecane	57	24.380	24.380	0.000	93	532959	10.0	11.0	
101 Dodecane	57	26.124	26.124	0.000	92	533191	10.0	11.3	
102 1,2,4-Trichlorobenzene	180	27.022	27.022	0.000	94	507104	11.7	12.9	
103 Hexachlorobutadiene	225	27.295	27.295	0.000	96	547709	11.2	12.3	
104 Naphthalene	128	27.573	27.573	0.000	98	1050561	11.9	12.0	
105 1,2,3-Trichlorobenzene	180	28.055	28.055	0.000	95	488626	11.6	12.3	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00835	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

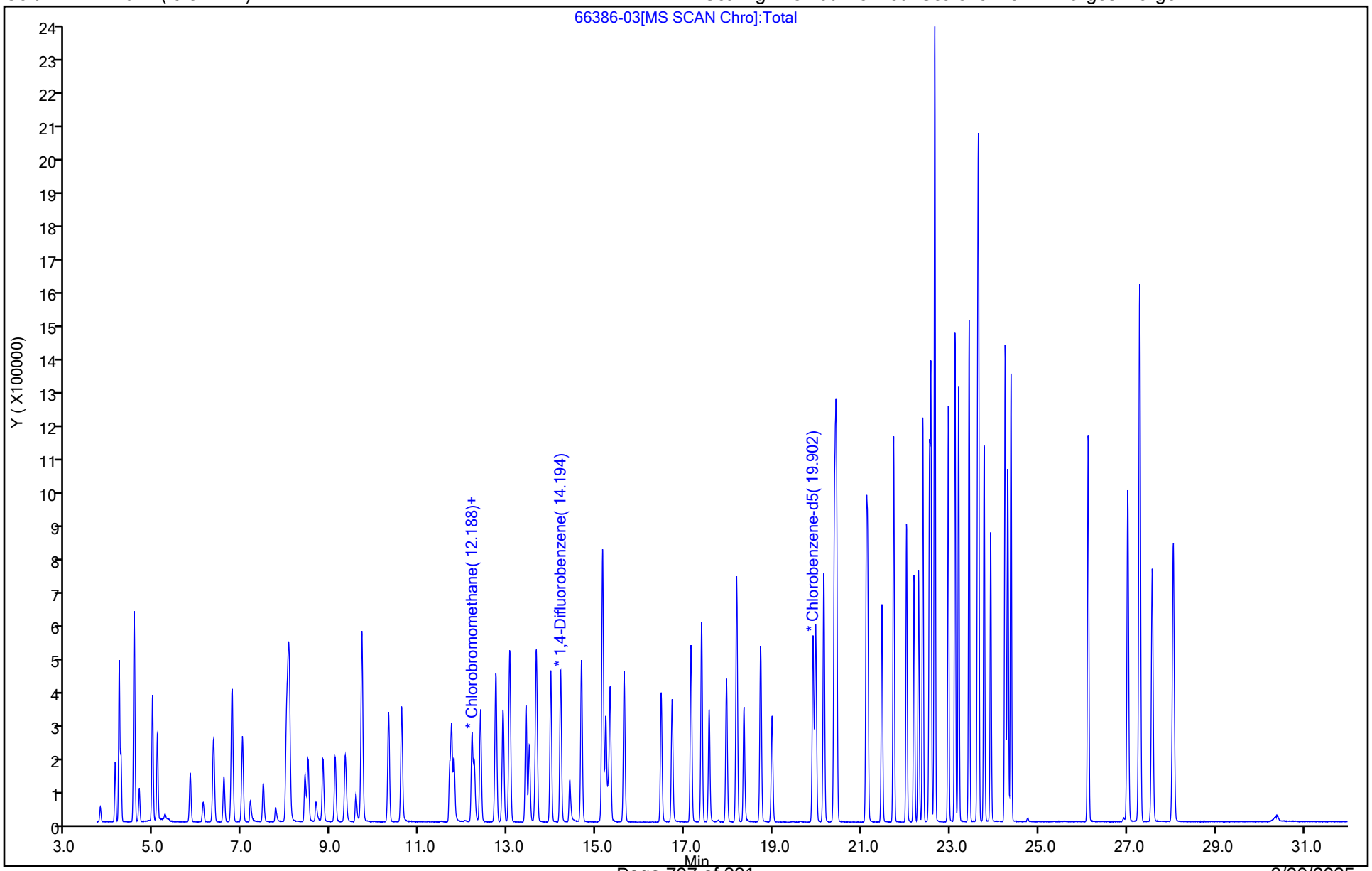
Report Date: 19-Aug-2025 09:01:53 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-03.d

Injection Date:	18-Aug-2025 08:56:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	ccvis			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_001.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 04-Aug-2025 08:24:28 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0066192-001
Misc. Info.: bfb
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 05-Aug-2025 13:24:21 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: F7XK Date: 05-Aug-2025 13:24:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
11 BFB									
* 39 Chlorobromomethane	128		11.511				10.0	ND	
* 49 1,4-Difluorobenzene	114		13.346				10.0	ND	
* 73 Chlorobenzene-d5	117		18.813				10.0	ND	

QC Flag Legend
Processing Flags

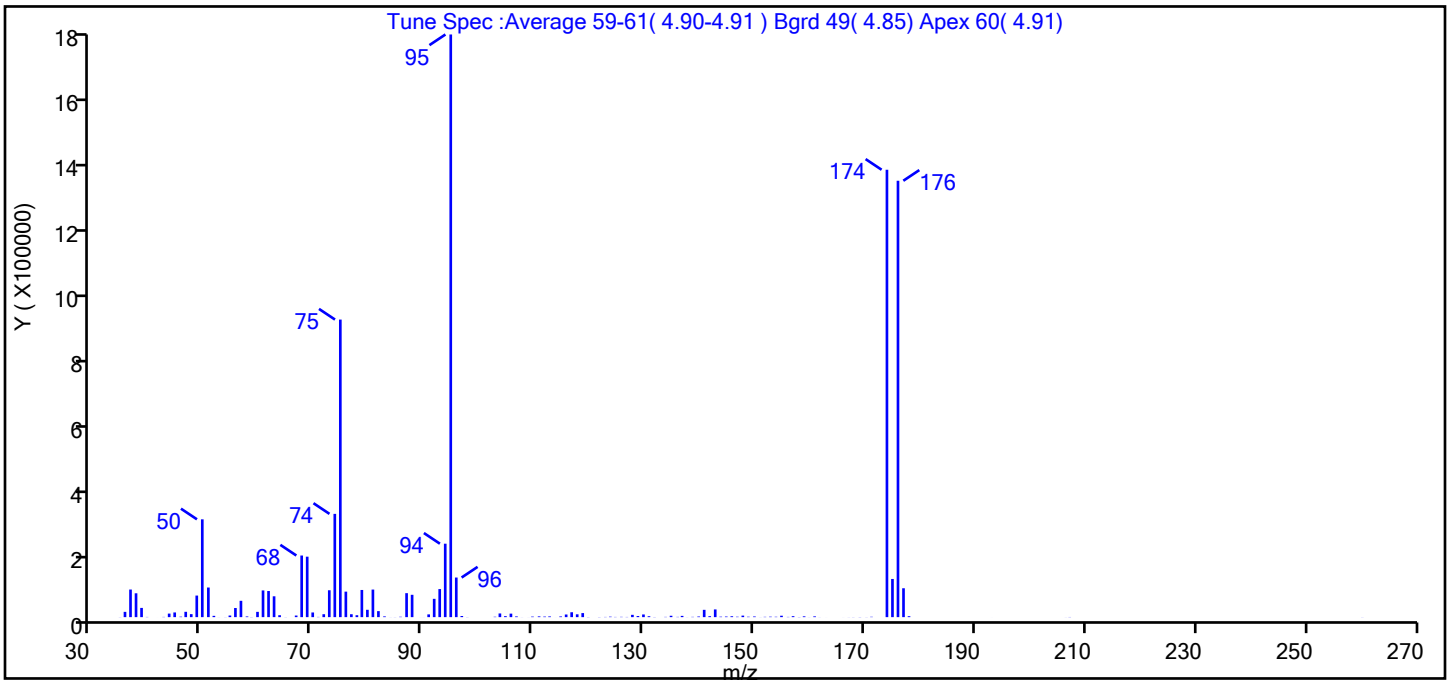
Reagents:
ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_001.D
Injection Date: 04-Aug-2025 08:24:28 Instrument ID: CHAN.i
Lims ID: bfb
Client ID:
Operator ID: wrd ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

11 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	16.8
75	30.0 to 66.0 Percent of m/e 95	51.1
96	5.0 to 9.0 Percent of m/e 95	6.8
173	Less than 2.0 Percent of m/e 174	0.0 (0.0)
174	50.0 to 120.0 Percent of m/e 95	76.8
175	4.0 to 9.0 Percent of m/e 174	6.6 (8.5)
176	93.0 to 101.0 Percent of m/e 174	74.9 (97.5)
177	5.0 to 9.0 Percent of m/e 176	5.0 (6.6)

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_001.D\TO15_TO3_Master_Method_A
Injection Date: 04-Aug-2025 08:24:28
Spectrum: Tune Spec :Average 59-61(4.90-4.91) Bgrd 49(4.85) Apex 60(4.91)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 136

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	272	71.00	656	109.00	115	145.00	1791
36.00	15497	72.00	8615	110.00	1586	146.00	2598
37.00	80968	73.00	78864	111.00	2218	147.00	1226
38.00	69976	74.00	302912	112.00	1641	148.00	4471
39.00	27096	75.00	872832	113.00	2117	149.00	1205
40.00	586	76.00	74824	114.00	58	150.00	1933
42.00	22	77.00	8549	115.00	2041	151.00	167
43.00	640	78.00	5648	116.00	7765	152.00	891
44.00	10407	79.00	79704	117.00	14363	153.00	1355
45.00	13769	80.00	21576	118.00	8306	154.00	1109
46.00	1382	81.00	80888	119.00	11900	155.00	4167
47.00	15650	82.00	17648	120.00	393	156.00	673
48.00	8814	83.00	2198	122.00	407	157.00	2825
49.00	63304	84.00	159	123.00	594	158.00	427
50.00	286912	85.00	237	124.00	1375	159.00	2337
51.00	86888	86.00	1115	125.00	603	160.00	181
52.00	3793	87.00	70336	126.00	856	161.00	2251
53.00	143	88.00	65536	127.00	568	162.00	166
54.00	233	90.00	80	128.00	6786	163.00	50
55.00	4700	90.00	115	129.00	3241	166.00	69
56.00	26768	91.00	8071	130.00	7867	167.00	183
57.00	47920	92.00	53680	131.00	2633	168.00	266
58.00	2041	93.00	82328	132.00	437	169.00	391
59.00	399	94.00	215424	134.00	734	170.00	234
60.00	15512	95.00	1709056	135.00	4036	171.00	1040
61.00	78352	96.00	116184	136.00	749	174.00	1312256
62.00	76640	97.00	3327	137.00	3711	175.00	111960
63.00	61160	98.00	274	138.00	148	176.00	1280000
64.00	5661	103.00	1111	139.00	815	177.00	84736
65.00	258	104.00	10830	140.00	1841	178.00	2684
67.00	4721	105.00	2923	141.00	21448	193.00	39
68.00	180736	106.00	10311	142.00	2753	206.00	146
69.00	177344	107.00	2101	143.00	22632	207.00	475

Report Date: 05-Aug-2025 13:24:21 Chrom Revision: 2.3 25-Jul-2025 13:52:40
Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_001.D\TO15_TO3_Master_Method_A
Injection Date: 04-Aug-2025 08:24:28
Spectrum: Tune Spec :Average 59-61(4.90-4.91) Bgrd 49(4.85) Apex 60(4.91)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 136

m/z	Y	m/z	Y	m/z	Y	m/z	Y
70.00	13714	108.00	145	144.00	1385	260.00	226

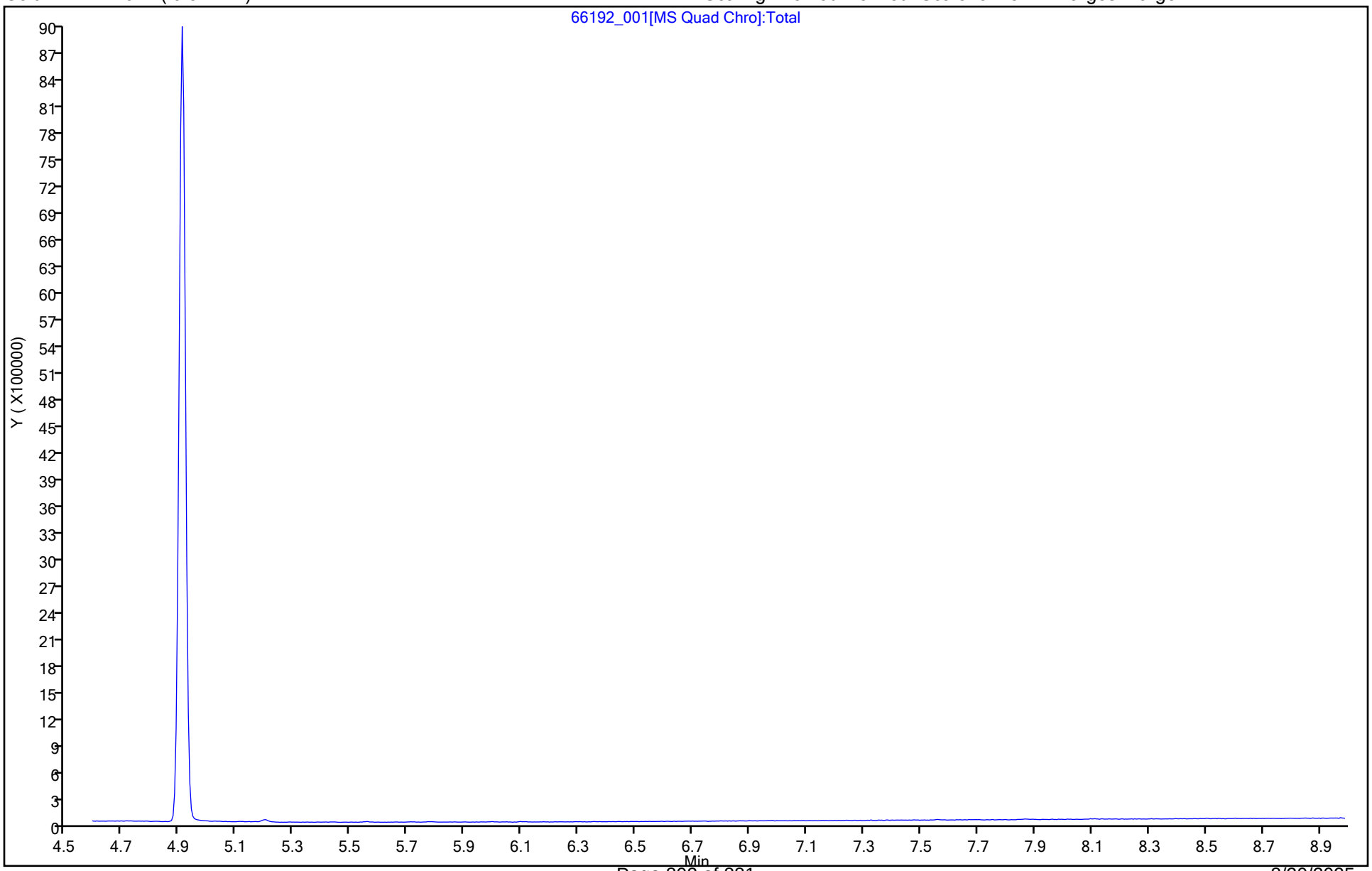
Report Date: 05-Aug-2025 13:24:21 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_001.D

Injection Date:	04-Aug-2025 08:24:28	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_001.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 15-Aug-2025 07:12:07 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0066362-001
Misc. Info.: bfb
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Aug-2025 07:35:16 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1609

First Level Reviewer: F7XK Date: 18-Aug-2025 07:35:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
11 BFB									
* 39 Chlorobromomethane	128		11.506				10.0	ND	
* 49 1,4-Difluorobenzene	114		13.346				10.0	ND	
* 73 Chlorobenzene-d5	117		18.808				10.0	ND	

QC Flag Legend
Processing Flags

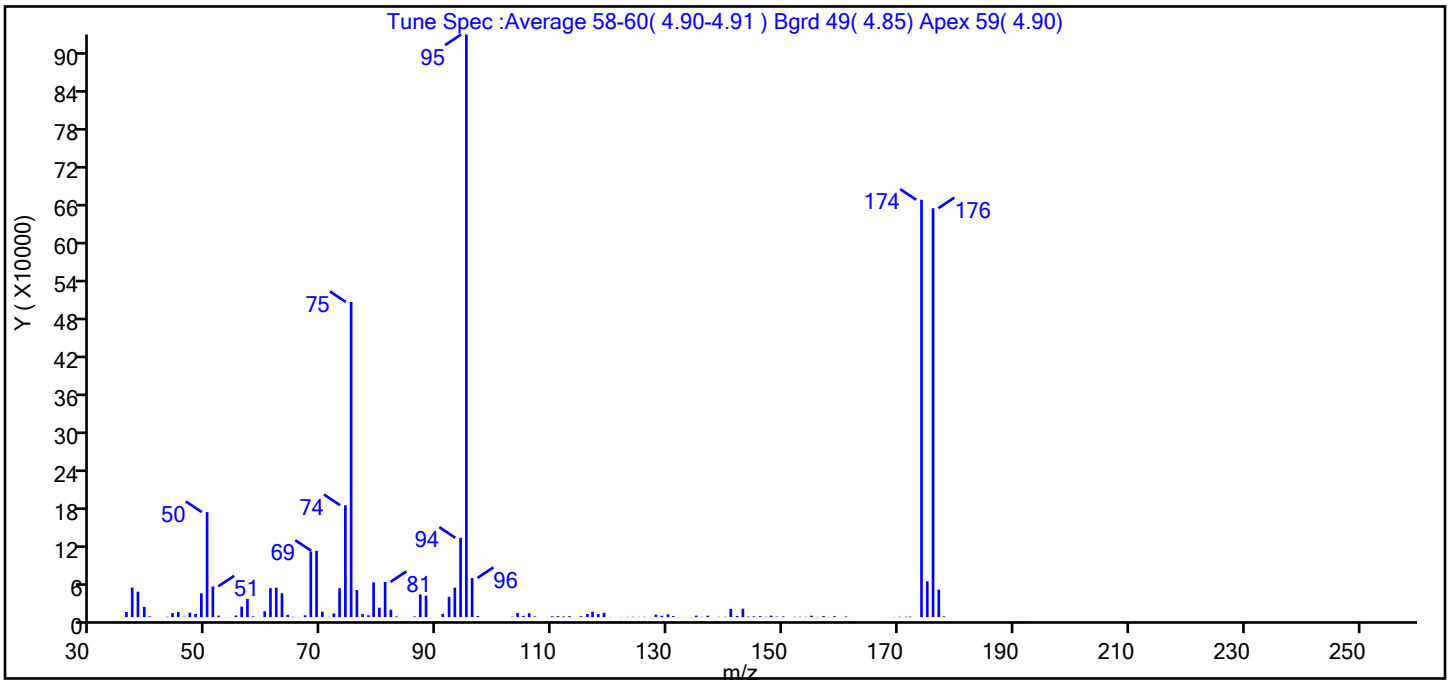
Reagents:
ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_001.D
Injection Date: 15-Aug-2025 07:12:07 Instrument ID: CHAN.i
Lims ID: bfb
Client ID:
Operator ID: wrd ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

11 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	18.0
75	30.0 to 66.0 Percent of m/e 95	54.1
96	5.0 to 9.0 Percent of m/e 95	6.7
173	Less than 2.0 Percent of m/e 174	0.0 (0.0)
174	50.0 to 120.0 Percent of m/e 95	71.6
175	4.0 to 9.0 Percent of m/e 174	6.2 (8.6)
176	93.0 to 101.0 Percent of m/e 174	70.2 (98.0)
177	5.0 to 9.0 Percent of m/e 176	4.7 (6.7)

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_001.D\TO15_TO3_Master_Method_A
Injection Date: 15-Aug-2025 07:12:07
Spectrum: Tune Spec :Average 58-60(4.90-4.91) Bgrd 49(4.85) Apex 59(4.90)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 126

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	8183	69.00	105176	111.00	1547	145.00	1203
37.00	46912	70.00	8741	112.00	1065	146.00	1560
38.00	40344	71.00	386	113.00	1528	147.00	735
39.00	16232	72.00	5794	114.00	60	148.00	2396
40.00	1234	73.00	45896	115.00	1458	149.00	891
41.00	103	74.00	177536	116.00	5035	150.00	1202
43.00	565	75.00	499776	117.00	8719	152.00	597
44.00	6484	76.00	43032	118.00	4884	153.00	661
45.00	8161	77.00	4703	119.00	6907	154.00	474
46.00	770	78.00	2924	120.00	279	155.00	2285
47.00	7101	79.00	55160	122.00	238	156.00	479
48.00	5214	80.00	14970	123.00	379	157.00	1662
49.00	37824	81.00	55736	124.00	605	158.00	320
50.00	166592	82.00	11763	125.00	439	159.00	1539
51.00	48696	83.00	1201	126.00	601	161.00	1177
52.00	2380	84.00	69	127.00	413	162.00	79
53.00	210	86.00	1130	128.00	4084	168.00	153
54.00	120	87.00	36136	129.00	2132	169.00	306
55.00	2699	88.00	34072	130.00	4428	170.00	649
56.00	16728	91.00	5201	131.00	1711	171.00	676
57.00	28816	92.00	32160	132.00	243	172.00	924
58.00	1201	93.00	46848	133.00	40	174.00	661888
59.00	96	94.00	125832	134.00	260	175.00	56848
60.00	9222	95.00	924032	135.00	2428	176.00	648512
61.00	45968	96.00	62096	136.00	482	177.00	43664
62.00	46752	97.00	1696	137.00	2301	178.00	1277
63.00	37752	103.00	788	139.00	478	191.00	142
64.00	3756	104.00	6638	140.00	631	193.00	54
65.00	605	105.00	2046	141.00	13156	209.00	170
66.00	259	106.00	6204	142.00	1830	260.00	64
67.00	3015	107.00	1172	143.00	13345		
68.00	103992	110.00	1366	144.00	984		

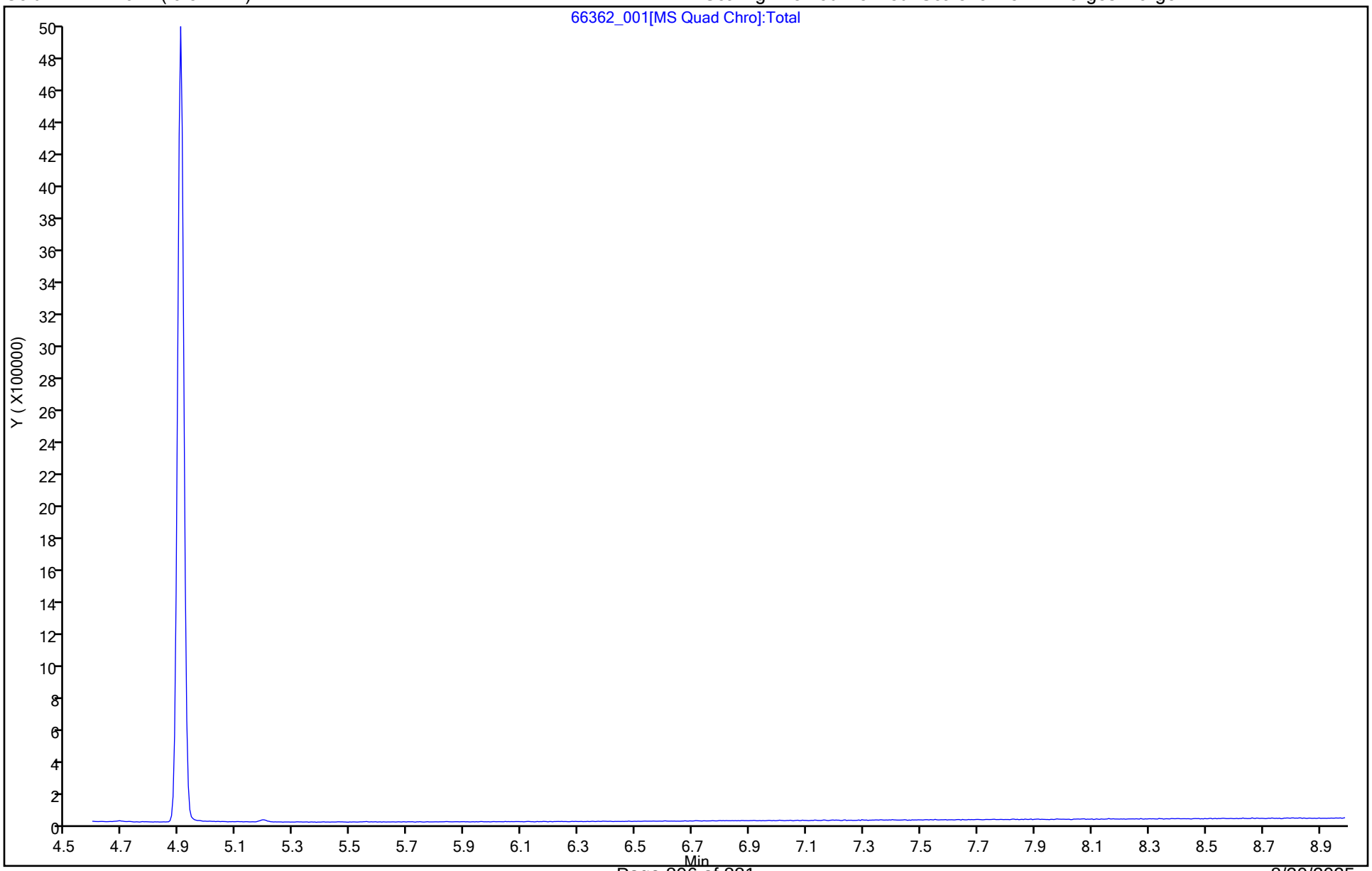
Report Date: 18-Aug-2025 07:35:17 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_001.D

Injection Date:	15-Aug-2025 07:12:07	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-02.d				
Lims ID:	bfb				
Client ID:					
Sample Type:	BFB				
Inject. Date:	11-Aug-2025 14:34:30	ALS Bottle#:	1	Worklist Smp#:	2
Injection Vol:	200.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0066295-002				
Operator ID:	vtp	Instrument ID:	CHW.i		
Method:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\TO15_TO3_MasterMethod_W.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	12-Aug-2025 11:59:58	Calib Date:	12-Aug-2025 09:55:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	CTX1658				
First Level Reviewer: YWL8		Date:	12-Aug-2025 14:31:44		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
11 BFB									
* 39 Chlorobromomethane	128		12.187				10.0	ND	
* 49 1,4-Difluorobenzene	114		14.188				10.0	ND	
* 73 Chlorobenzene-d5	117		19.902				10.0	ND	

Reagents:

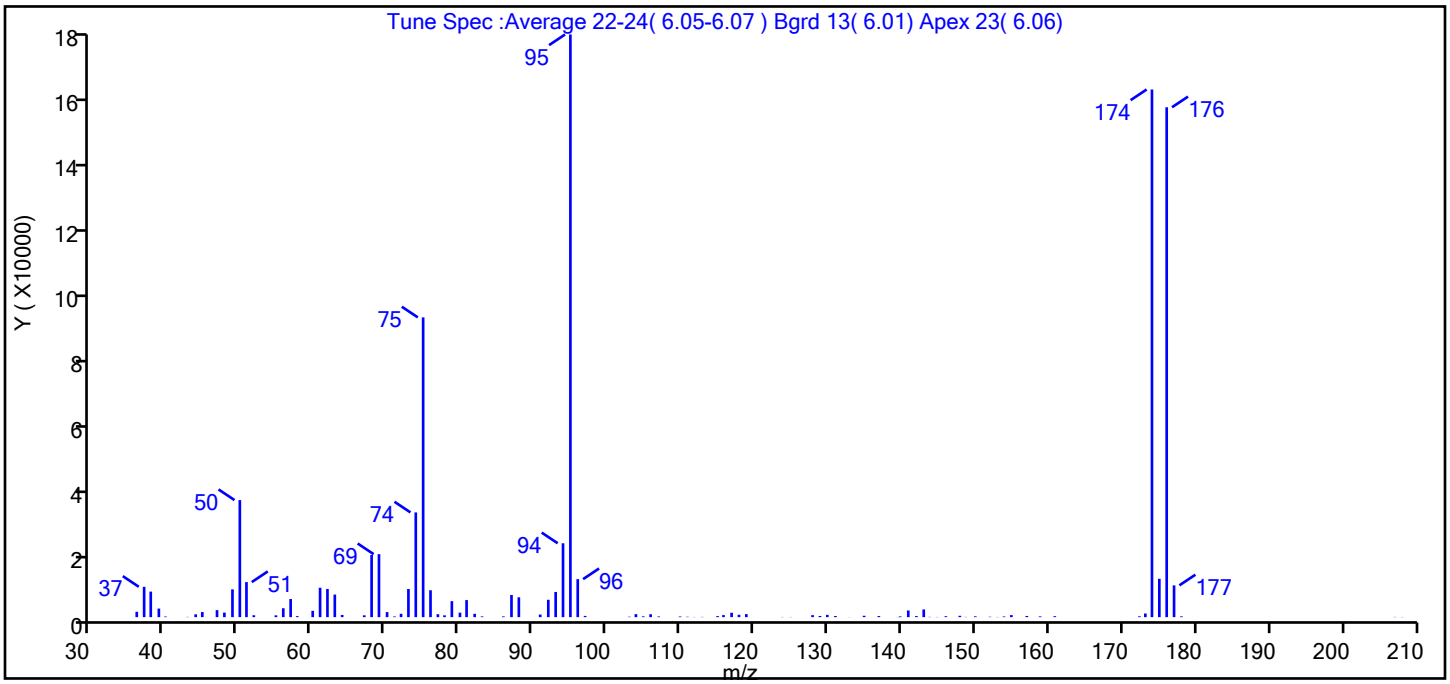
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-02.d
Injection Date: 11-Aug-2025 14:34:30 Instrument ID: CHW.i
Lims ID: bfb
Client ID:
Operator ID: vtp ALS Bottle#: 1 Worklist Smp#: 2
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

11 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	20.1
75	30.0 to 66.0 Percent of m/e 95	51.4
96	5.0 to 9.0 Percent of m/e 95	6.5
173	Less than 2.0 Percent of m/e 174	0.6 (0.7)
174	50.0 to 120.0 Percent of m/e 95	90.6
175	4.0 to 9.0 Percent of m/e 174	6.6 (7.3)
176	93.0 to 101.0 Percent of m/e 174	87.5 (96.6)
177	5.0 to 9.0 Percent of m/e 176	5.5 (6.2)

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-02.d\TO15_TO3_MasterMethod_W.rslt
Injection Date: 11-Aug-2025 14:34:30
Spectrum: Tune Spec :Average 22-24(6.05-6.07) Bgrd 13(6.01) Apex 23(6.06)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 101

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1599	69.00	18832	104.00	905	143.00	2303
37.00	9071	70.00	1508	105.00	239	144.00	77
38.00	7636	71.00	209	106.00	864	145.00	62
39.00	2563	72.00	1003	107.00	200	146.00	284
40.00	189	73.00	8415	110.00	199	148.00	402
42.00	10	74.00	31312	111.00	116	149.00	70
43.00	79	75.00	89624	112.00	56	150.00	250
44.00	842	76.00	8046	113.00	77	152.00	118
45.00	1521	77.00	874	115.00	310	153.00	52
47.00	2097	78.00	542	116.00	616	154.00	203
48.00	1362	79.00	4782	117.00	1312	155.00	609
49.00	8307	80.00	1344	118.00	708	157.00	352
50.00	35000	81.00	5102	119.00	904	159.00	231
51.00	10483	82.00	995	124.00	59	161.00	288
52.00	570	83.00	219	125.00	52	172.00	252
55.00	543	86.00	229	128.00	602	173.00	1088
56.00	2661	87.00	6634	129.00	344	174.00	157760
57.00	5419	88.00	5930	130.00	672	175.00	11467
58.00	302	91.00	782	131.00	350	176.00	152448
60.00	1887	92.00	5192	133.00	31	177.00	9504
61.00	8788	93.00	7528	135.00	412	178.00	234
62.00	8425	94.00	22088	137.00	325	207.00	69
63.00	6750	95.00	174208	140.00	58	208.00	50
64.00	645	96.00	11362	140.00	220		
67.00	549	97.00	370	141.00	1989		
68.00	18584	103.00	132	142.00	325		

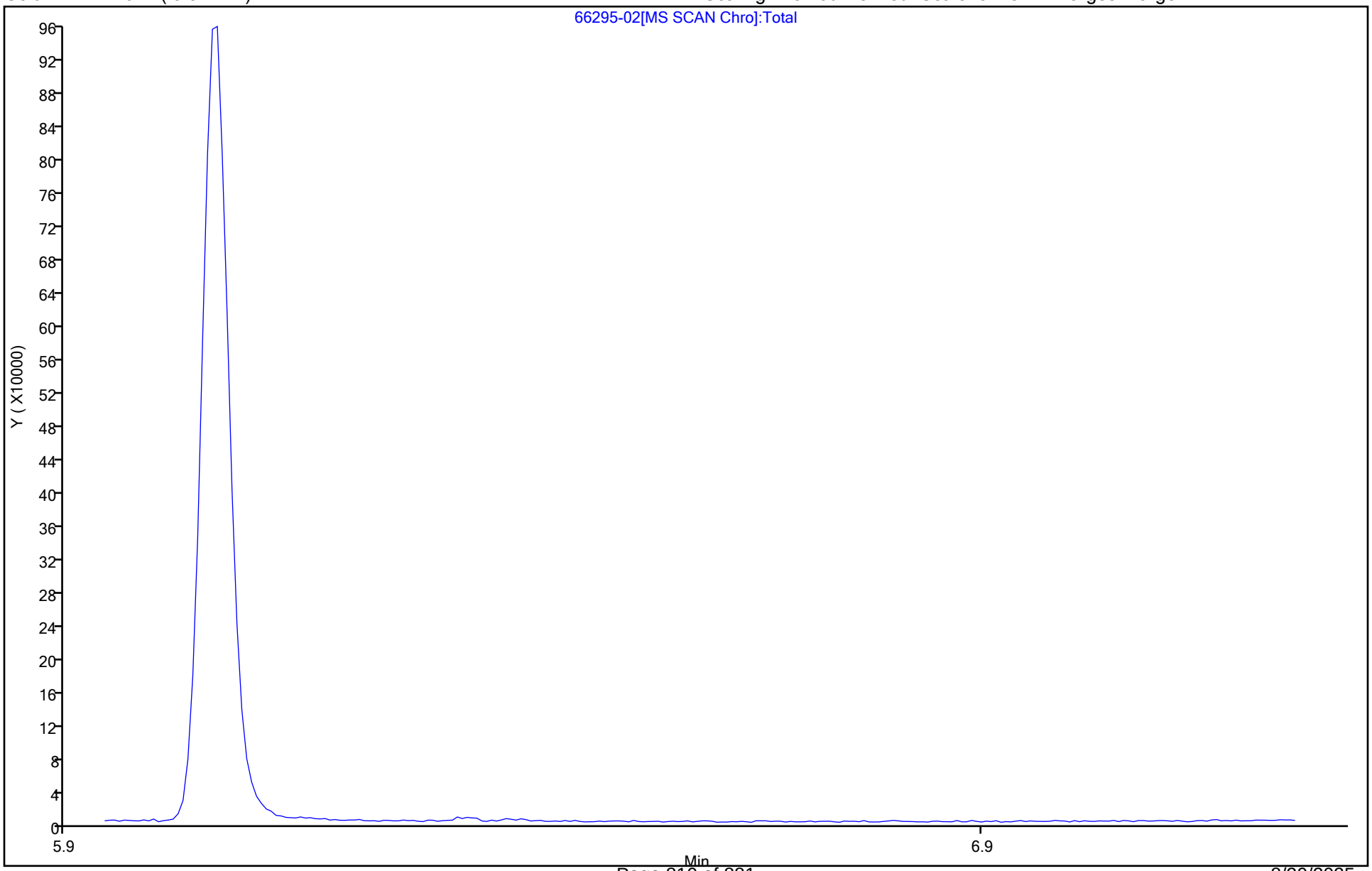
Report Date: 12-Aug-2025 12:00:03 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-02.d

Injection Date:	11-Aug-2025 14:34:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	bfb			Worklist Smp#:	2
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-01.d
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 18-Aug-2025 07:15:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0066386-001
Misc. Info.: bfb
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Aug-2025 08:59:57 Calib Date: 12-Aug-2025 09:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: F7XK Date: 19-Aug-2025 08:59:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
11 BFB									
* 39 Chlorobromomethane	128		12.188				10.0	ND	
* 49 1,4-Difluorobenzene	114		14.188				10.0	ND	
* 73 Chlorobenzene-d5	117		19.902				10.0	ND	

QC Flag Legend
Processing Flags

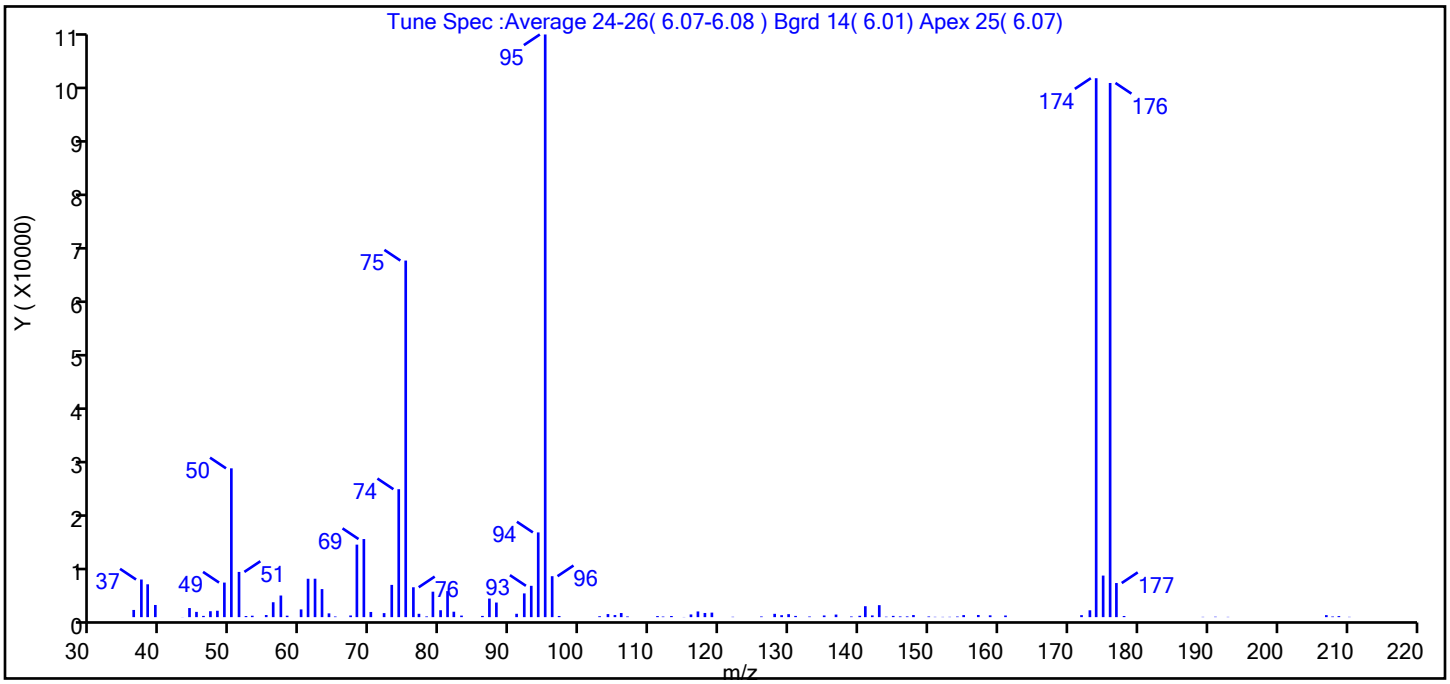
Reagents:
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-01.d
Injection Date: 18-Aug-2025 07:15:30 Instrument ID: CHW.i
Lims ID: bfb
Client ID:
Operator ID: vtp ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

11 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	25.5
75	30.0 to 66.0 Percent of m/e 95	61.2
96	5.0 to 9.0 Percent of m/e 95	7.0
173	Less than 2.0 Percent of m/e 174	1.2 (1.3)
174	50.0 to 120.0 Percent of m/e 95	92.5
175	4.0 to 9.0 Percent of m/e 174	7.1 (7.7)
176	93.0 to 101.0 Percent of m/e 174	91.7 (99.1)
177	5.0 to 9.0 Percent of m/e 176	5.9 (6.4)

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-01.d\TO15_TO3_MasterMethod_W.rslt
Injection Date: 18-Aug-2025 07:15:30
Spectrum: Tune Spec :Average 24-26(6.07-6.08) Bgrd 14(6.01) Apex 25(6.07)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 106

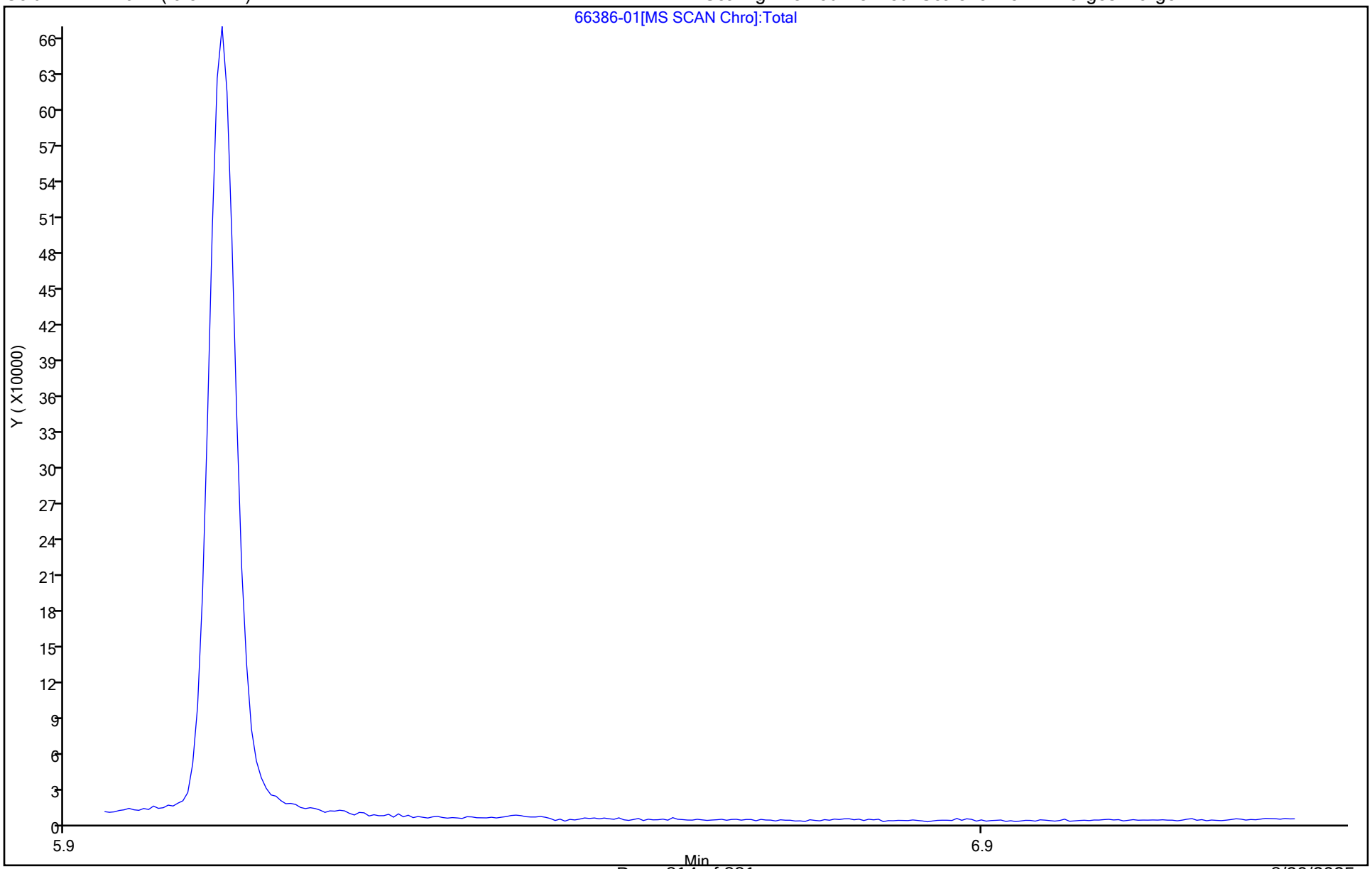
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1330	69.00	14426	106.00	763	147.00	139
37.00	6951	70.00	958	107.00	127	148.00	386
38.00	6067	72.00	745	111.00	199	150.00	125
39.00	2247	73.00	5957	112.00	111	151.00	59
43.00	19	74.00	23632	113.00	211	152.00	50
44.00	1680	75.00	65864	115.00	30	153.00	60
45.00	972	76.00	5520	116.00	496	154.00	114
46.00	230	77.00	619	117.00	1052	155.00	377
47.00	1095	78.00	136	118.00	771	157.00	399
48.00	1182	79.00	4703	119.00	836	159.00	336
49.00	6385	80.00	1278	122.00	66	161.00	301
50.00	27488	81.00	4807	126.00	124	172.00	366
51.00	8355	82.00	1003	128.00	614	173.00	1267
52.00	208	83.00	288	129.00	362	174.00	99544
53.00	262	86.00	228	130.00	554	175.00	7677
55.00	389	87.00	3431	131.00	228	176.00	98664
56.00	2752	88.00	2698	133.00	119	177.00	6298
57.00	3994	91.00	623	135.00	309	178.00	212
58.00	269	92.00	4384	137.00	476	189.00	53
60.00	1430	93.00	5786	139.00	124	191.00	78
61.00	7090	94.00	15651	140.00	249	193.00	50
62.00	7099	95.00	107624	141.00	2018	207.00	369
63.00	5182	96.00	7563	142.00	318	208.00	120
64.00	699	97.00	214	143.00	2213	209.00	196
65.00	121	103.00	170	144.00	86	210.00	56
67.00	307	104.00	568	145.00	234		
68.00	13394	105.00	387	146.00	133		

Report Date: 19-Aug-2025 08:59:57 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-01.d				
Injection Date:	18-Aug-2025 07:15:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-219230/5

Matrix: Air Lab File ID: 66362_005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/15/2025 10:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.22
75-45-6	Freon 22	86.47	0.50	U	0.50	0.36
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.076
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.33
106-97-8	n-Butane	58.12	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.040
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.062
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.048
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.077
76-13-1	Freon TF	187.38	0.20	U	0.20	0.057
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.035
67-64-1	Acetone	58.08	5.0	U	5.0	1.9
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	2.2
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.18
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.081
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.19
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.6
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.066
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.020
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.16
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.018
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.14
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.032
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.020
67-66-3	Chloroform	119.38	0.20	U	0.20	0.059
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.7
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.073
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-219230/5

Matrix: Air Lab File ID: 66362_005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/15/2025 10:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.024
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.071
71-43-2	Benzene	78.11	0.20	U	0.20	0.051
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.074
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.086
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.029
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.13
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.055
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.19
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.058
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.056
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.19
108-88-3	Toluene	92.14	0.20	U	0.20	0.054
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.062
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.053
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.036
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.053
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.045
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.047
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.051
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.014
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.069
1330-20-7	Xylene (total)	106.17	0.70	U	0.70	0.014
100-42-5	Styrene	104.15	0.20	U	0.20	0.056
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.072
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.061
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.068
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.068

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-219230/5

Matrix: Air Lab File ID: 66362_005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/15/2025 10:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.058
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.082
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.078
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.063
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.070
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.30
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.078
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-219230/5

Matrix: Air Lab File ID: 66362_005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/15/2025 10:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	1.1
75-45-6	Freon 22	86.47	1.8	U	1.8	1.3
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.53
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.68
106-97-8	n-Butane	58.12	1.2	U	1.2	0.74
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.088
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.24
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.42
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.21
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.43
76-13-1	Freon TF	187.38	1.5	U	1.5	0.44
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.14
67-64-1	Acetone	58.08	12	U	12	4.5
67-63-0	Isopropyl alcohol	60.10	12	U	12	5.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.56
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.25
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.66
75-65-0	tert-Butyl alcohol	74.12	15	U	15	4.9
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.079
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.56
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.073
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.41
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.13
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.079
67-66-3	Chloroform	119.38	0.98	U	0.98	0.29
109-99-9	Tetrahydrofuran	72.11	15	U	15	5.0
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.40
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.18

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-78914-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-219230/5

Matrix: Air | Lab File ID: 66362_005.D

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 08/15/2025 10:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 219230 | Units: ug/m3

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.15
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.33
71-43-2	Benzene	78.11	0.64	U	0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.30
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.35
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.53
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.25
123-91-1	1,4-Dioxane	88.11	18	U	18	0.68
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.39
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	0.75	U	0.75	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.28
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.29
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.24
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.45
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.22
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.22
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.061
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.30
1330-20-7	Xylene (total)	106.17	3.0	U	3.0	0.061
100-42-5	Styrene	104.15	0.85	U	0.85	0.24
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.35
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.42
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.33
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-219230/5

Matrix: Air Lab File ID: 66362_005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/15/2025 10:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ug/m3

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.30
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.40
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.43
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.38
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.42
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.2
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.83
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.58

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_005.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 15-Aug-2025 10:34:02 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066362-005
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Aug-2025 07:55:27 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1609

First Level Reviewer: F7XK Date: 18-Aug-2025 07:55:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		4.358					ND	7
2 Dichlorodifluoromethane	85		4.460					ND	
3 Chlorodifluoromethane	51		4.498					ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.819					ND	
5 Chloromethane	50		4.931					ND	7
6 Vinyl chloride	62		5.225					ND	7
7 Butane	43		5.230					ND	7
8 Butadiene	54		5.337					ND	MU
9 Bromomethane	94		6.054					ND	
10 Chloroethane	64		6.322					ND	
12 2-Methylbutane	43		6.541					ND	
13 Vinyl bromide	106		6.739					ND	
14 Trichlorofluoromethane	101		6.905					ND	
15 Pentane	43		7.114					ND	7
16 Ethanol	45		7.242					ND	7
18 Ethyl ether	59		7.510					ND	
19 Acrolein	56		7.734					ND	
20 1,1-Dichloroethene	96		7.954					ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.002					ND	
22 Acetone	43		8.002					ND	7
23 Isopropyl alcohol	45		8.285					ND	7
24 Carbon disulfide	76		8.360					ND	MU
25 Acetonitrile	41		8.489					ND	7
26 3-Chloro-1-propene	41		8.633					ND	7
27 Methylene Chloride	49		8.858					ND	7
28 2-Methyl-2-propanol	59		9.045					ND	
29 Acrylonitrile	53		9.232					ND	
30 trans-1,2-Dichloroethene	61		9.361					ND	7
31 Methyl tert-butyl ether	73		9.371					ND	7
32 Hexane	57		9.885					ND	
33 1,1-Dichloroethane	63		10.115					ND	
34 Vinyl acetate	43		10.120					ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
S 35 1,2-Dichloroethene, Total	61		10.200					ND	7
36 2-Butanone (MEK)	72		11.062					ND	
37 cis-1,2-Dichloroethene	96		11.105					ND	7
38 Ethyl acetate	88		11.153					ND	
* 39 Chlorobromomethane	128	11.506	11.506	0.000	76	533228	10.0	10.0	
40 Tetrahydrofuran	42		11.554					ND	7
41 Chloroform	83		11.682					ND	
42 1,1,1-Trichloroethane	97		12.003					ND	7
43 Cyclohexane	84		12.158					ND	
44 Carbon tetrachloride	117		12.287					ND	
45 Benzene	78		12.624					ND	7
46 1,2-Dichloroethane	62		12.677					ND	
47 Isooctane	57		12.859					ND	
48 n-Heptane	43		13.164					ND	7
* 49 1,4-Difluorobenzene	114	13.346	13.346	0.000	94	2666554	10.0	10.0	
50 n-Butanol	56		13.539					ND	MU
51 Trichloroethene	95	13.795	13.795	0.010	1	1206		0.0150	M
A 52 GRO	1	14.191	(6.531-21.852)		0	9186344		0	
53 1,2-Dichloropropane	63		14.229					ND	
54 Methyl methacrylate	69		14.314					ND	
55 1,4-Dioxane	88		14.352					ND	7
57 Dibromomethane	174	14.400	14.400	0.021	82	1514		0.0205	M
58 Dichlorobromomethane	83		14.689					ND	
59 cis-1,3-Dichloropropene	75		15.491					ND	7
A 60 TVOC as Toluene	1	15.537	(4.348-26.725)		0	9647464		0	
61 4-Methyl-2-pentanone (MIBK)	43		15.743					ND	7
62 Toluene	92	16.149	16.149	0.005	1	654		0.005870	7M
A 63 Toluene Range	1	16.157	(16.069-16.246)		0	15422		NC	
64 n-Octane	43		16.412					ND	7
A 65 C8 Range	1	16.412	(16.342-16.481)		0	15290		NC	
66 trans-1,3-Dichloropropene	75		16.540					ND	
67 1,1,2-Trichloroethane	83		16.909					ND	
68 Tetrachloroethene	166		17.139					ND	7
69 2-Hexanone	43		17.316					ND	7
70 Chlorodibromomethane	129		17.647					ND	7
71 Ethylene Dibromide	107	17.904	17.904	0.016	1	690		0.006152	7M
* 73 Chlorobenzene-d5	117	18.808	18.808	0.000	85	2385821	10.0	10.0	
74 Chlorobenzene	112		18.867					ND	MU
75 Ethylbenzene	91		19.065					ND	7
76 m-Xylene & p-Xylene	106		19.322					ND	
77 n-Nonane	57		19.413					ND	
78 o-Xylene	106		20.098					ND	
S 80 Xylenes, Total	106		20.100					ND	7
79 Styrene	104	20.156	20.156	0.026	1	1557		0.0100	M
81 Bromoform	173		20.456					ND	7
82 Isopropylbenzene	105	20.798	20.798	0.005	1	1348		0.004606	7M
83 1,1,2,2-Tetrachloroethane	83		21.285					ND	7
84 1,2,3-Trichloropropane	75		21.387					ND	7
85 N-Propylbenzene	91	21.515	21.515	0.010	12	3004		0.008842	7Ma
86 2-Chlorotoluene	91		21.649					ND	7
87 4-Ethyltoluene	105	21.708	21.708	0.006	42	3204		0.0112	Ma
88 1,3,5-Trimethylbenzene	105	21.799	21.799	0.000	89	2864		0.0117	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 n-Decane	57		21.842					ND	
90 Alpha Methyl Styrene	118	22.130	22.120	0.010	80	2105		0.0164	
91 tert-Butylbenzene	119	22.280	22.280	0.000	2	2597		0.0105	M
92 1,2,4-Trimethylbenzene	105	22.366	22.366	0.000	93	3248		0.0131	
93 sec-Butylbenzene	105	22.612	22.612	0.005	46	4294		0.0118	Ma
94 1,3-Dichlorobenzene	146	22.783	22.772	0.011	96	4847		0.0259	
95 4-Isopropyltoluene	119	22.826	22.826	0.005	93	3868		0.0123	M
96 1,4-Dichlorobenzene	146	22.917	22.912	0.005	93	7031		0.0381	
97 Benzyl chloride	91	23.056	23.051	0.005	49	4732		0.0233	
98 n-Butylbenzene	91	23.377	23.372	0.005	91	4707		0.0161	
99 1,2-Dichlorobenzene	146	23.404	23.398	0.006	95	5823		0.0322	
100 Undecane	57		23.532					ND	7
101 Dodecane	57		25.116					ND	7
102 1,2,4-Trichlorobenzene	180	25.832	25.832	0.000	94	7828		0.0662	
103 Hexachlorobutadiene	225		26.084					ND	7
104 Naphthalene	128	26.309	26.303	0.006	98	18560		0.0676	
105 1,2,3-Trichlorobenzene	180	26.721	26.715	0.006	90	6043		0.0524	
109 Chlorotrifluoroethene TIC	1		0.000					ND	
110 Difluoroethane TIC	1		0.000					ND	
111 Total Alkanes TIC	1		0.000					ND	
112 Freon 115 TIC	1		0.000					ND	
113 1,1,1-Trifluoro-2,2-dichloroetha	1		0.000					ND	
114 Methylcyclohexane	83		0.000					ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- 7 - Failed Limit of Detection

Review Flags
- M - Manually Integrated
- U - Marked Undetected
- a - User Assigned ID

Reagents:

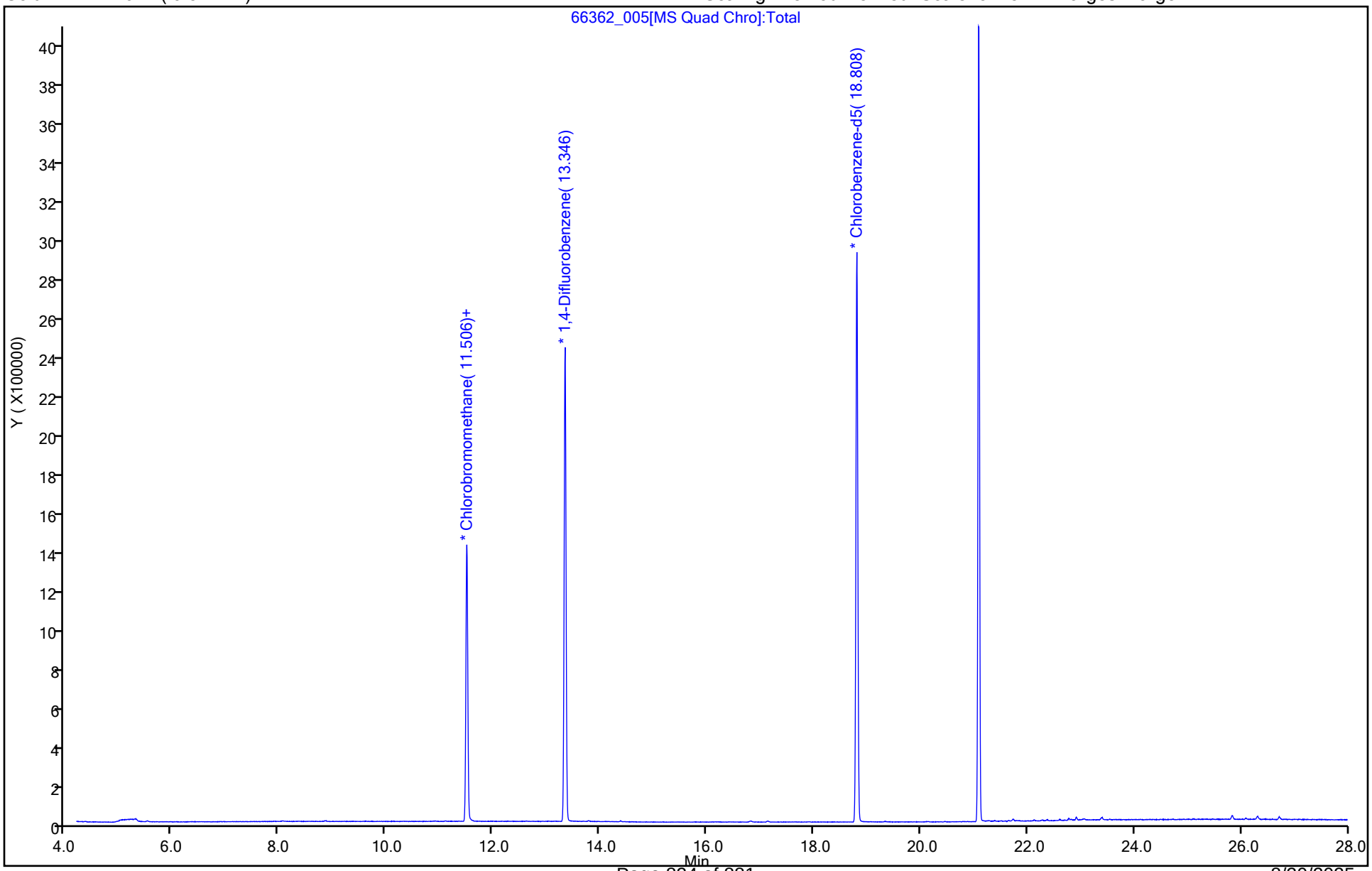
ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 18-Aug-2025 07:55:28 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_005.D				
Injection Date:	15-Aug-2025 10:34:02	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	MB			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



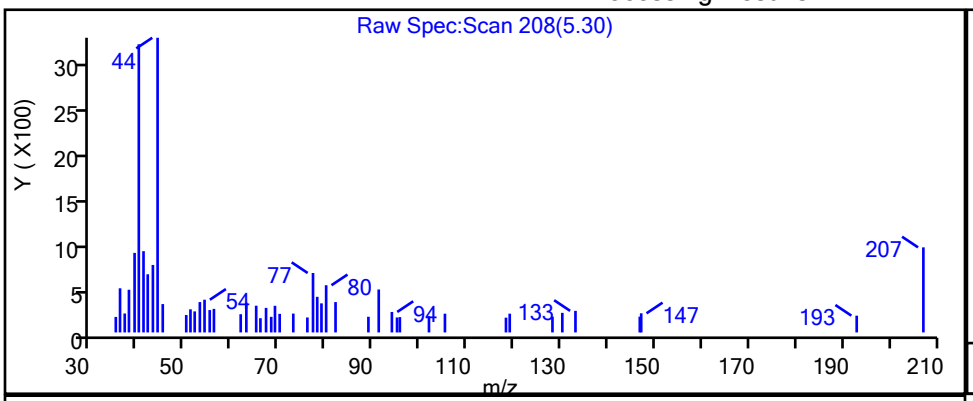
User Disabled Compound Report

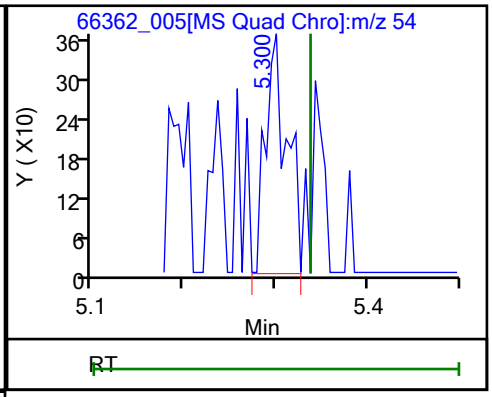
Eurofins Burlington

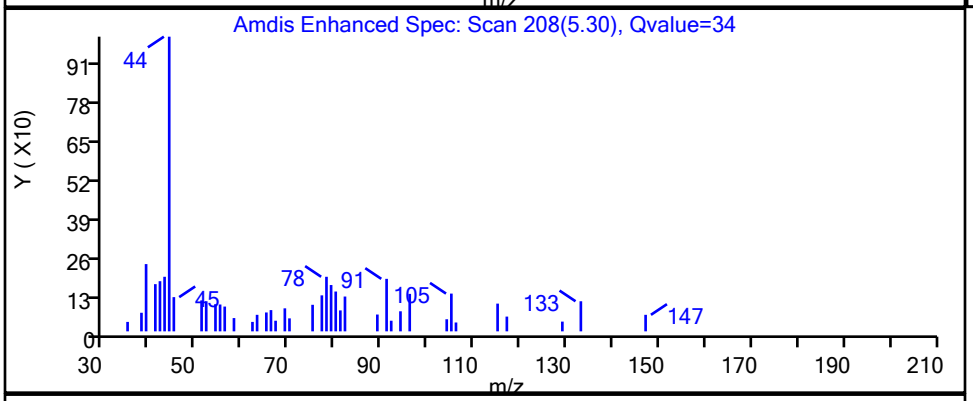
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_005.D				
Injection Date:	15-Aug-2025 10:34:02	Instrument ID:	CHAN.i		
Lims ID:	MB				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

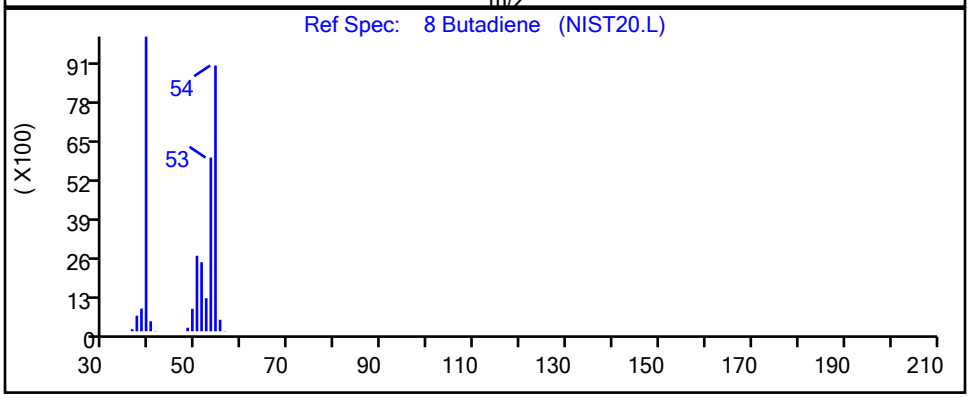
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
5.30	54.00	586	0.023454

Reviewer: F7XK, 18-Aug-2025 07:47:18 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

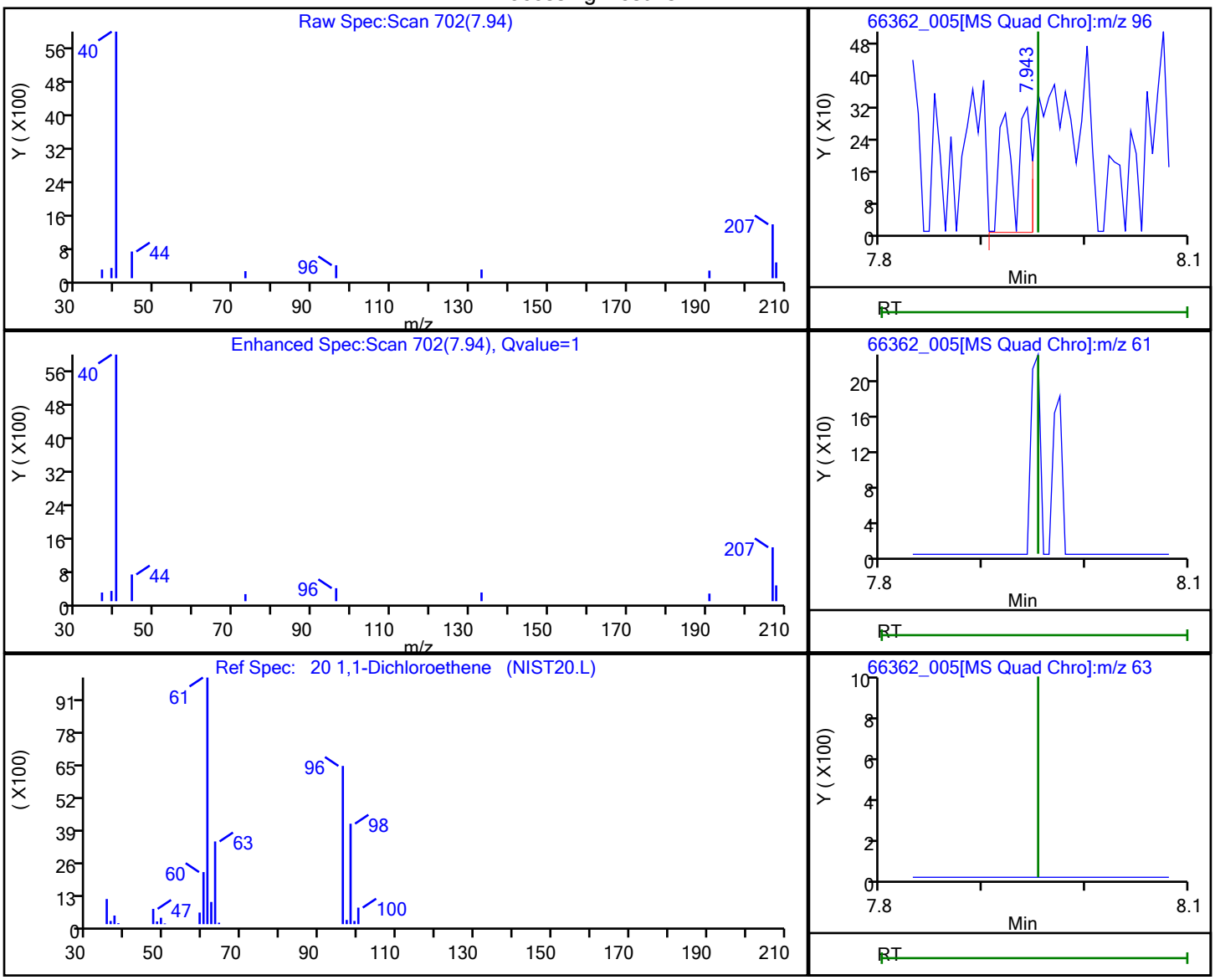
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_005.D				
Injection Date:	15-Aug-2025 10:34:02	Instrument ID:	CHAN.i		
Lims ID:	MB				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.94	96.00	483	0.009102
7.95	61.00	0	
7.95	63.00	0	

Reviewer: F7XK, 18-Aug-2025 07:47:35 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

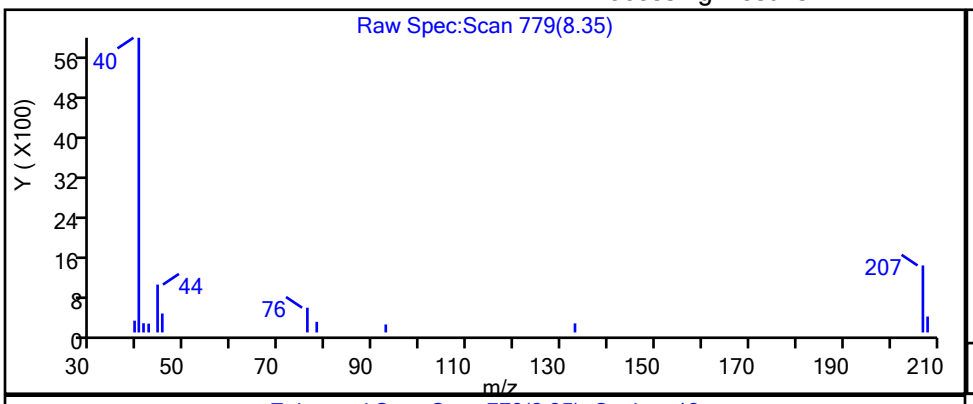
User Disabled Compound Report

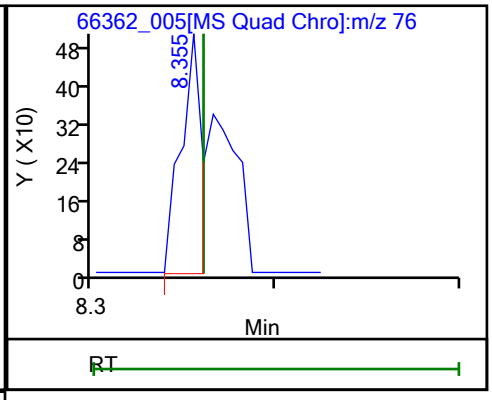
Eurofins Burlington

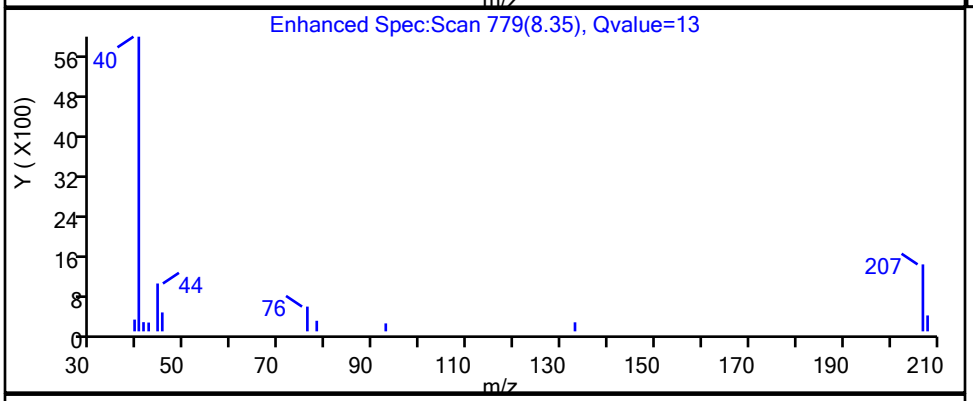
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_005.D				
Injection Date:	15-Aug-2025 10:34:02	Instrument ID:	CHAN.i		
Lims ID:	MB				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

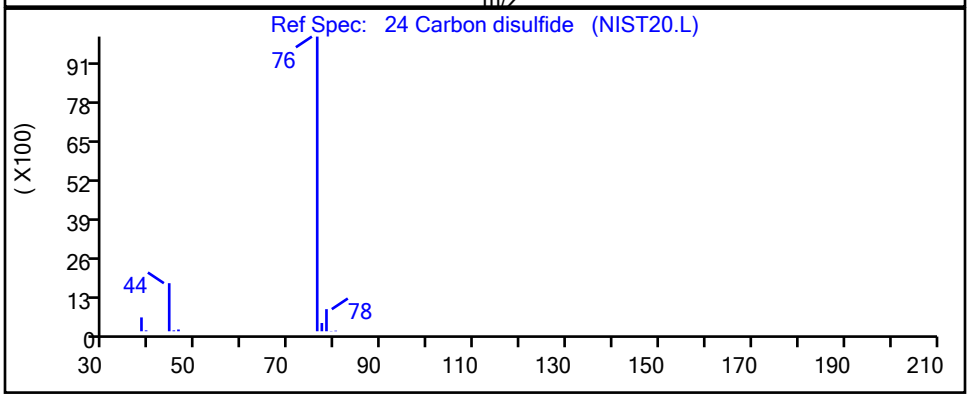
24 Carbon disulfide, CAS: 75-15-0

Processing Results









RT	Mass	Response	Amount
8.35	76.00	393	0.003094

Reviewer: F7XK, 18-Aug-2025 07:49:03 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

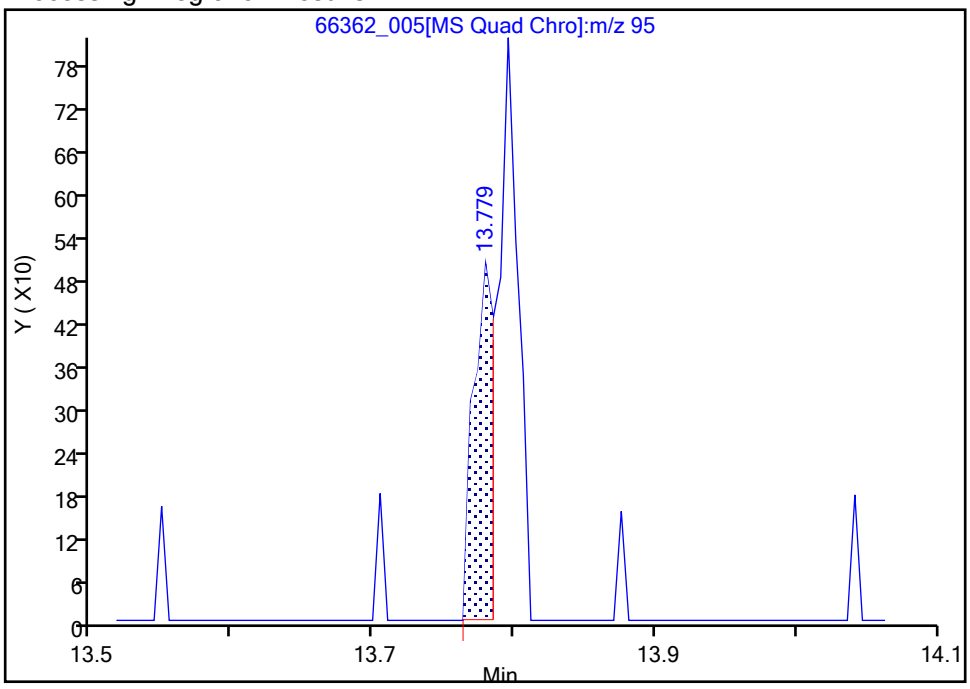
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_005.D				
Injection Date:	15-Aug-2025 10:34:02	Instrument ID:	CHAN.i		
Lims ID:	MB				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

51 Trichloroethene, CAS: 79-01-6

Signal: 1

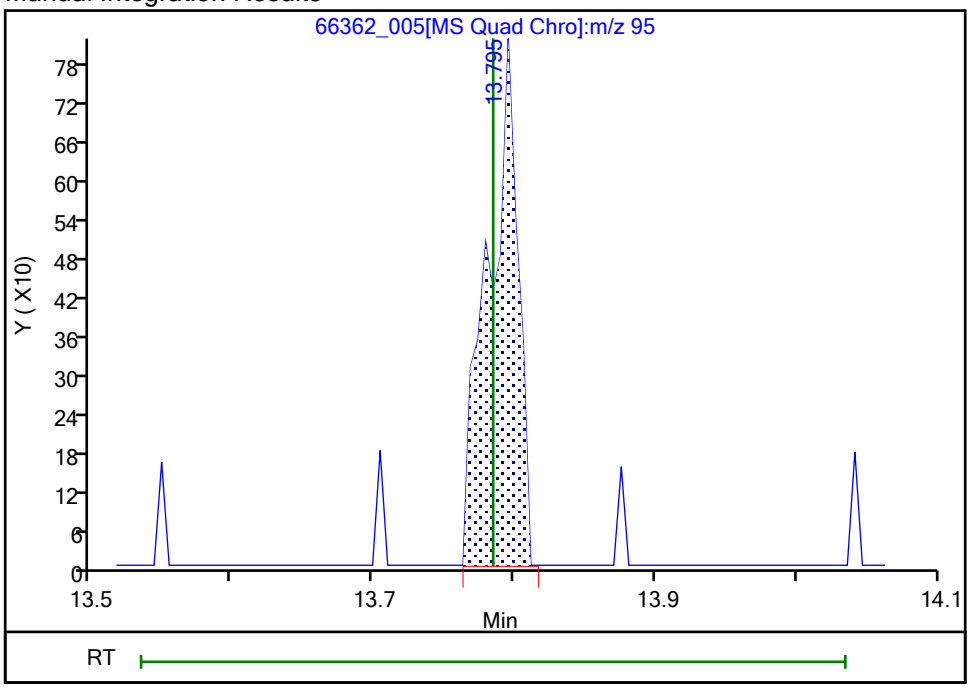
Processing Integration Results

RT: 13.78
Area: 508
Amount: 0.006328
Amount Units: ppb v/v



Manual Integration Results

RT: 13.80
Area: 1206
Amount: 0.015023
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 07:49:57 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

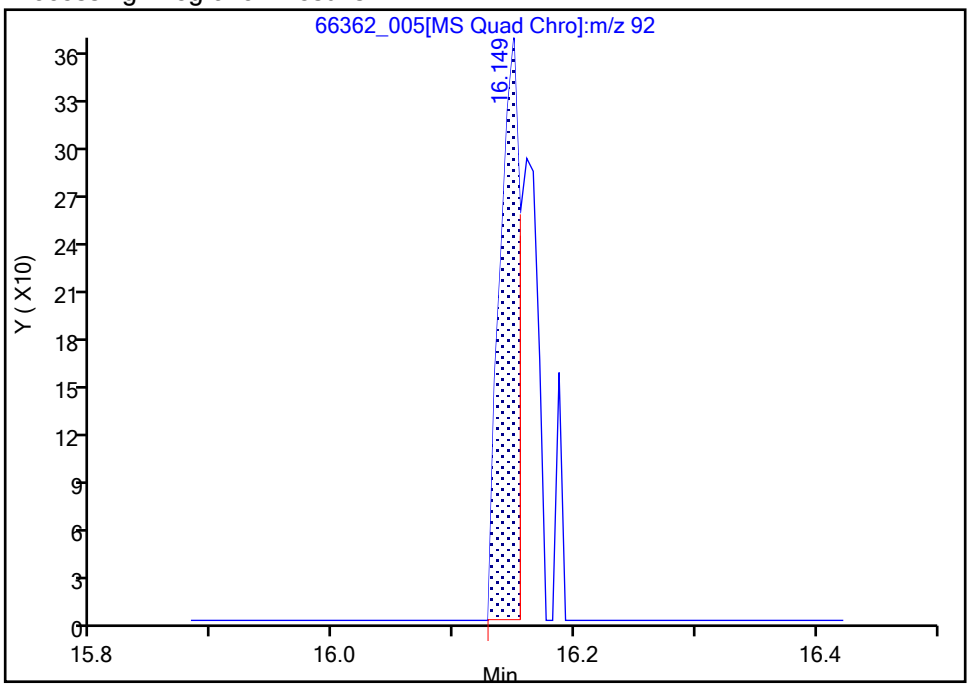
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_005.D				
Injection Date:	15-Aug-2025 10:34:02	Instrument ID:	CHAN.i		
Lims ID:	MB				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

62 Toluene, CAS: 108-88-3

Signal: 1

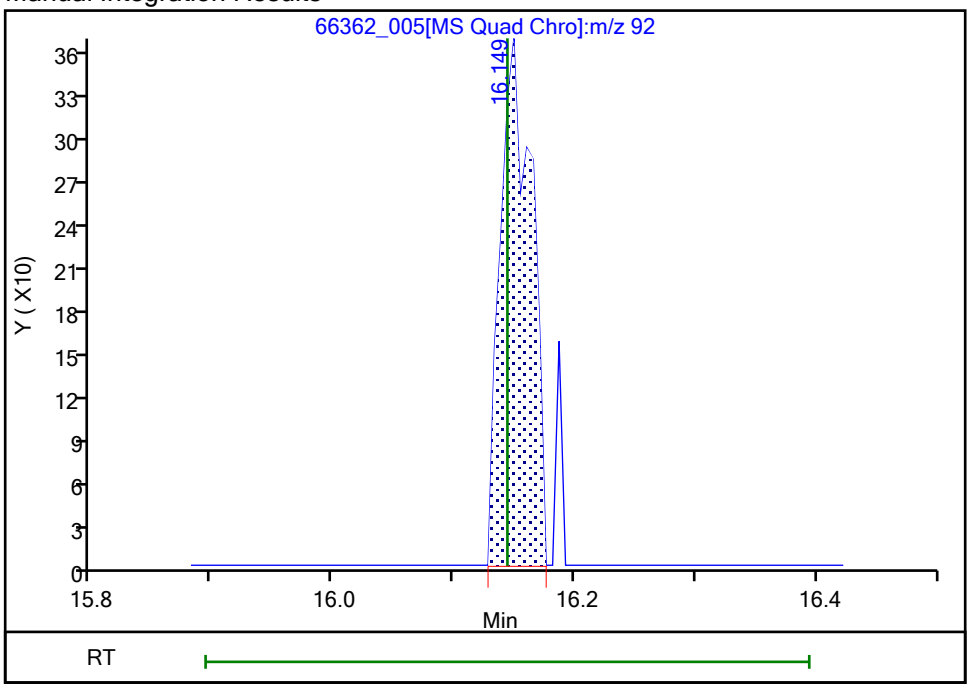
Processing Integration Results

RT: 16.15
Area: 420
Amount: 0.003770
Amount Units: ppb v/v



Manual Integration Results

RT: 16.15
Area: 654
Amount: 0.005870
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 07:50:46 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington

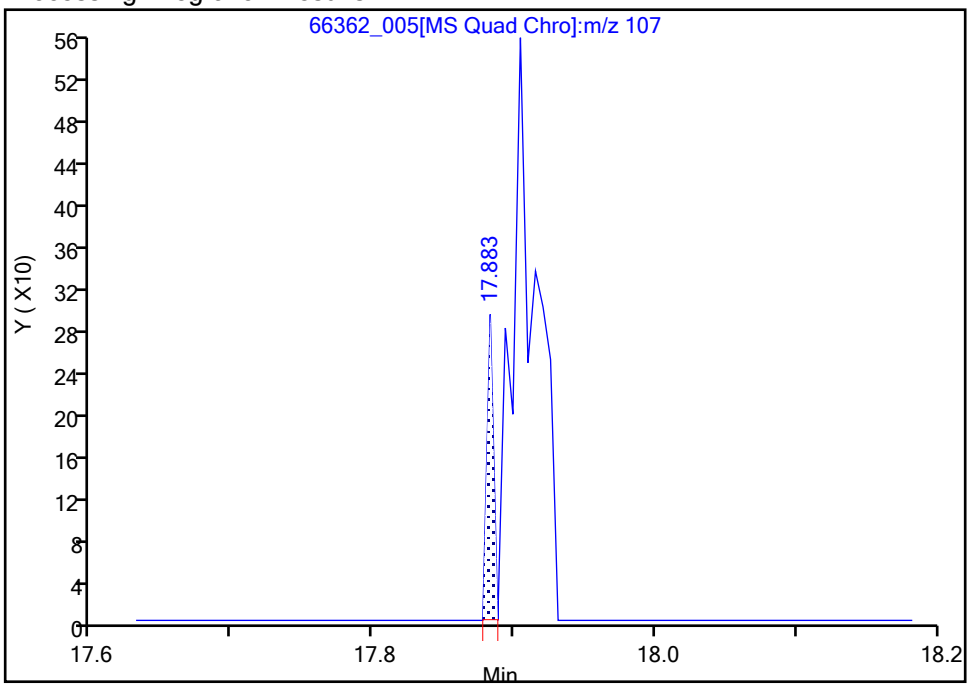
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_005.D				
Injection Date:	15-Aug-2025 10:34:02	Instrument ID:	CHAN.i		
Lims ID:	MB				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

71 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

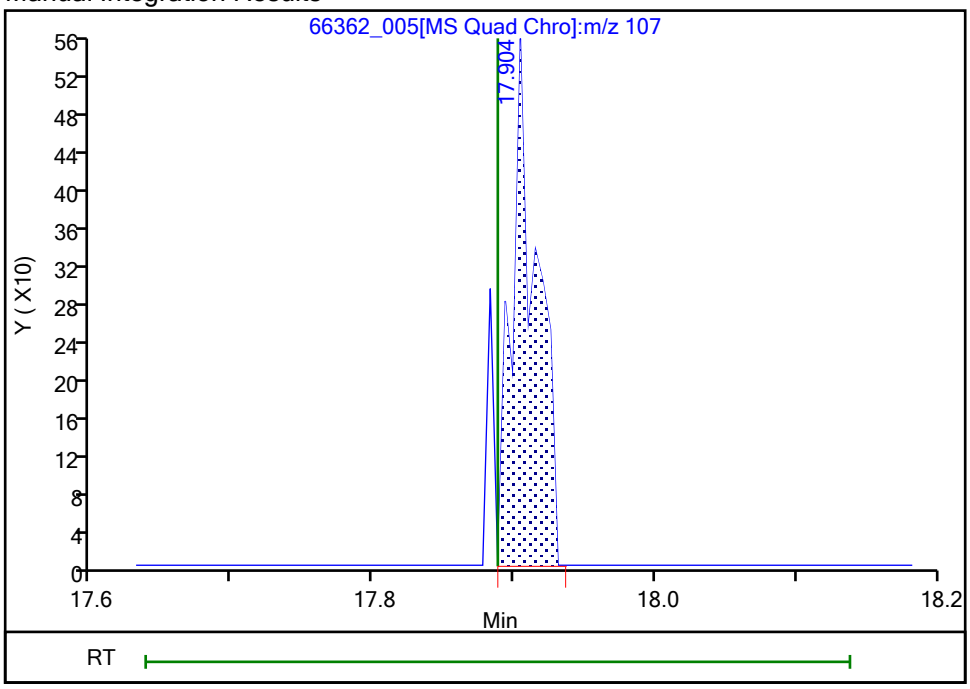
Processing Integration Results

RT: 17.88
Area: 93
Amount: 0.000829
Amount Units: ppb v/v



Manual Integration Results

RT: 17.90
Area: 690
Amount: 0.006152
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 07:51:17 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

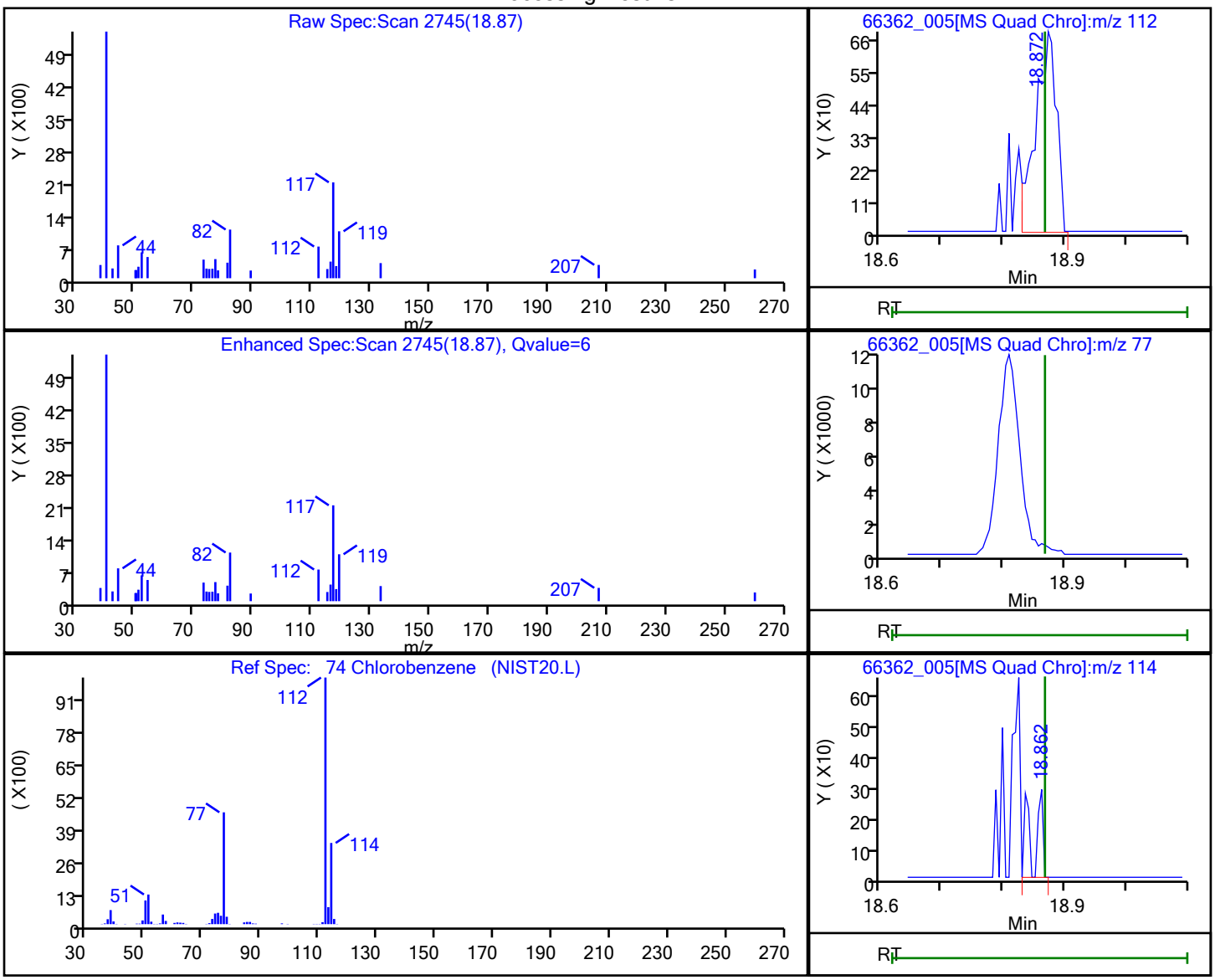
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_005.D				
Injection Date:	15-Aug-2025 10:34:02	Instrument ID:	CHAN.i		
Lims ID:	MB				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
18.87	112.00	1606	0.009713
18.87	77.00	0	
18.86	114.00	319	

Reviewer: F7XK, 18-Aug-2025 07:52:01 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

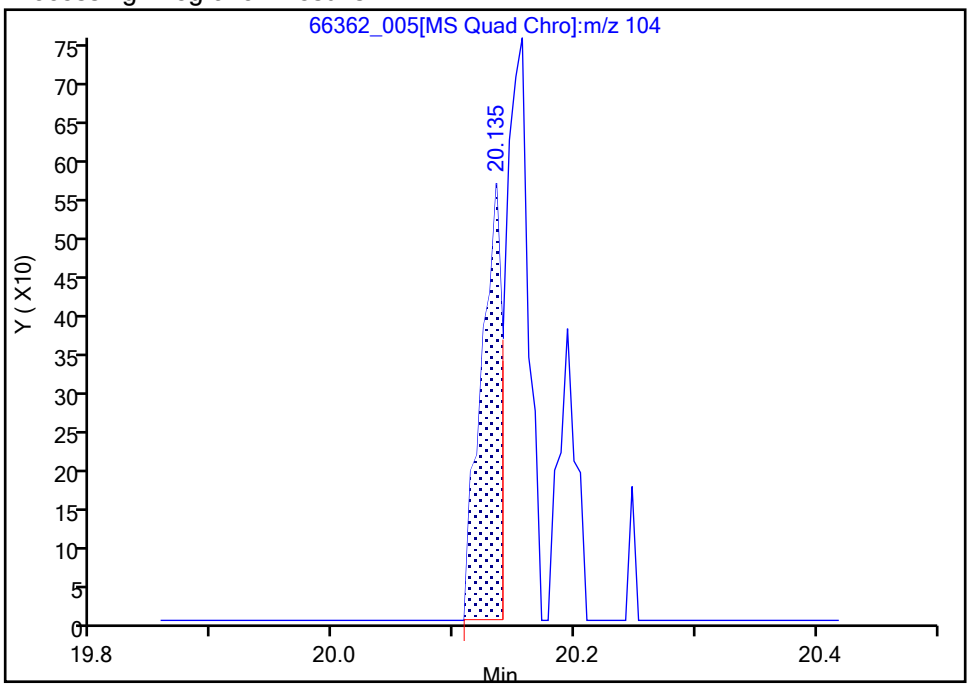
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_005.D				
Injection Date:	15-Aug-2025 10:34:02	Instrument ID:	CHAN.i		
Lims ID:	MB				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 Styrene, CAS: 100-42-5

Signal: 1

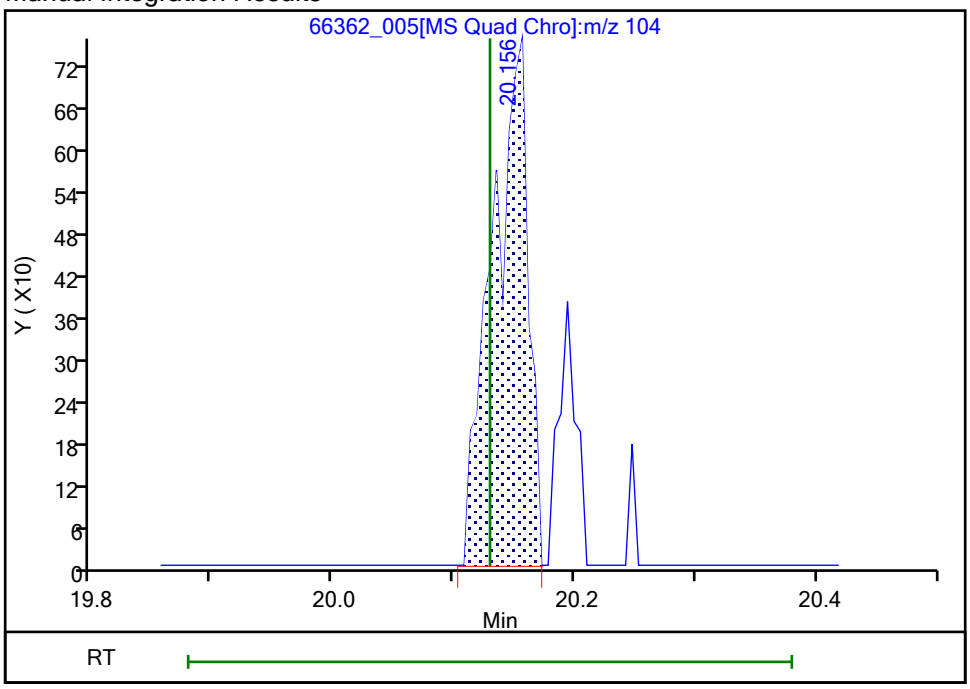
Processing Integration Results

RT: 20.13
Area: 690
Amount: 0.004439
Amount Units: ppb v/v



Manual Integration Results

RT: 20.16
Area: 1557
Amount: 0.010017
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 07:52:24 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

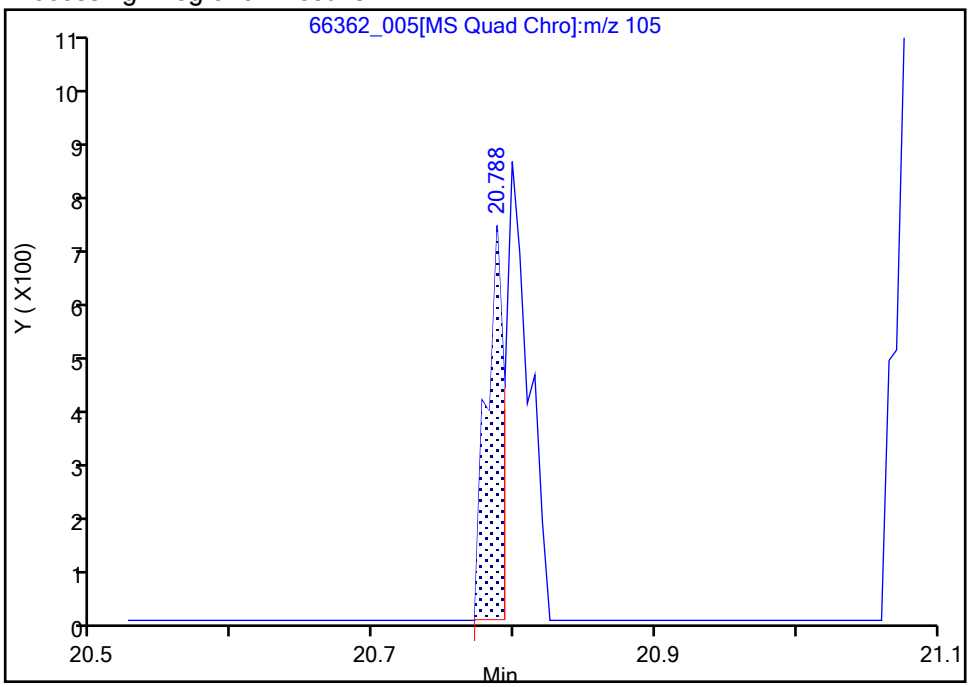
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_005.D				
Injection Date:	15-Aug-2025 10:34:02	Instrument ID:	CHAN.i		
Lims ID:	MB				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Signal: 1

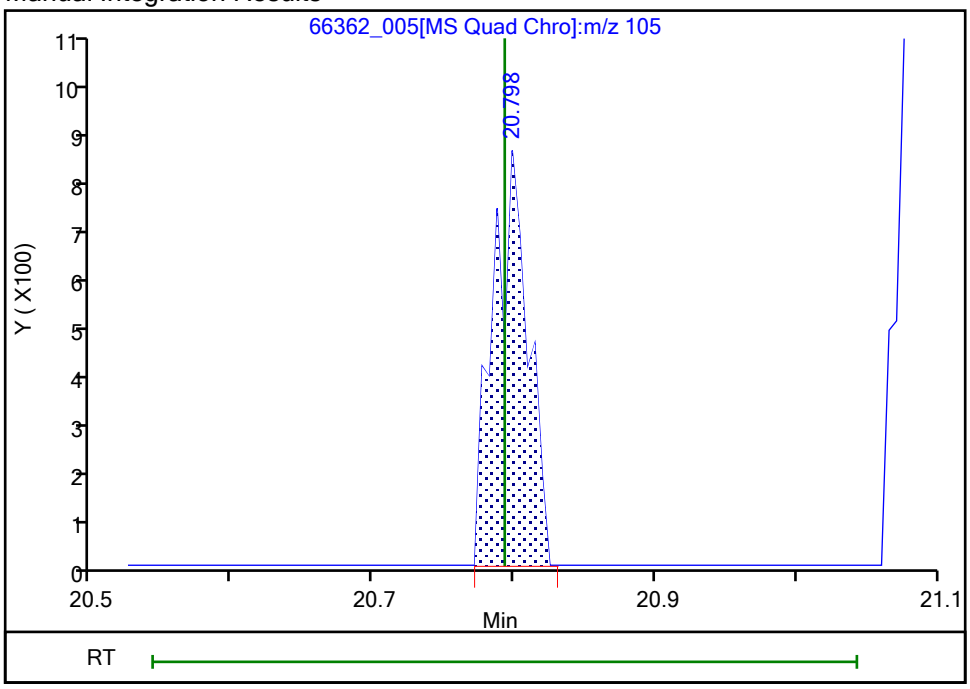
Processing Integration Results

RT: 20.79
Area: 583
Amount: 0.001992
Amount Units: ppb v/v



Manual Integration Results

RT: 20.80
Area: 1348
Amount: 0.004606
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 07:52:40 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

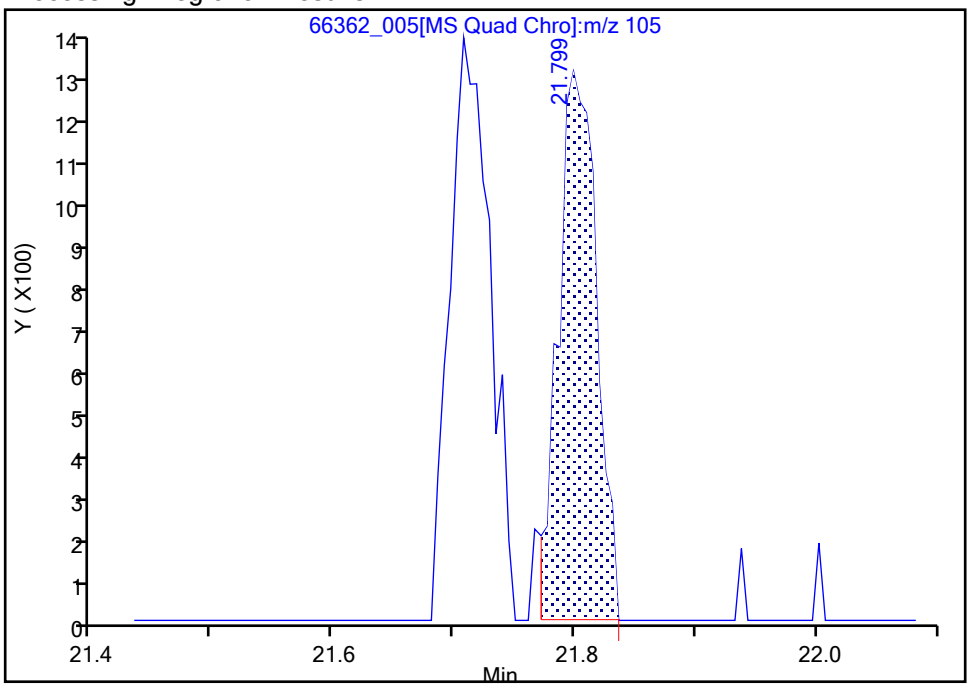
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_005.D				
Injection Date:	15-Aug-2025 10:34:02	Instrument ID:	CHAN.i		
Lims ID:	MB				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

87 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

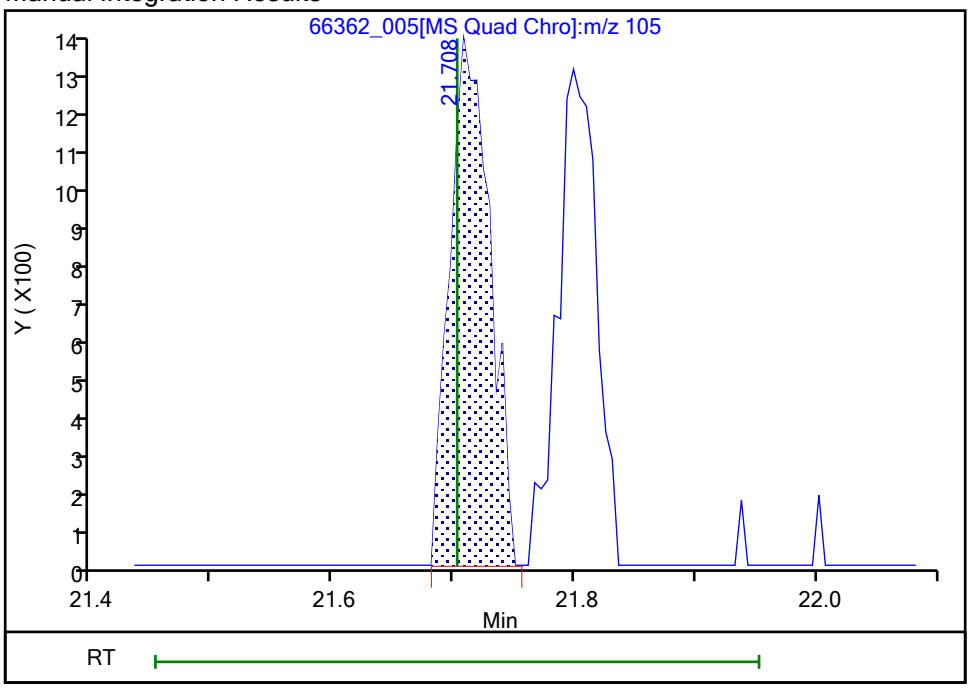
Processing Integration Results

RT: 21.80
Area: 2864
Amount: 0.010021
Amount Units: ppb v/v



Manual Integration Results

RT: 21.71
Area: 3204
Amount: 0.011210
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 07:53:07 07:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Burlington

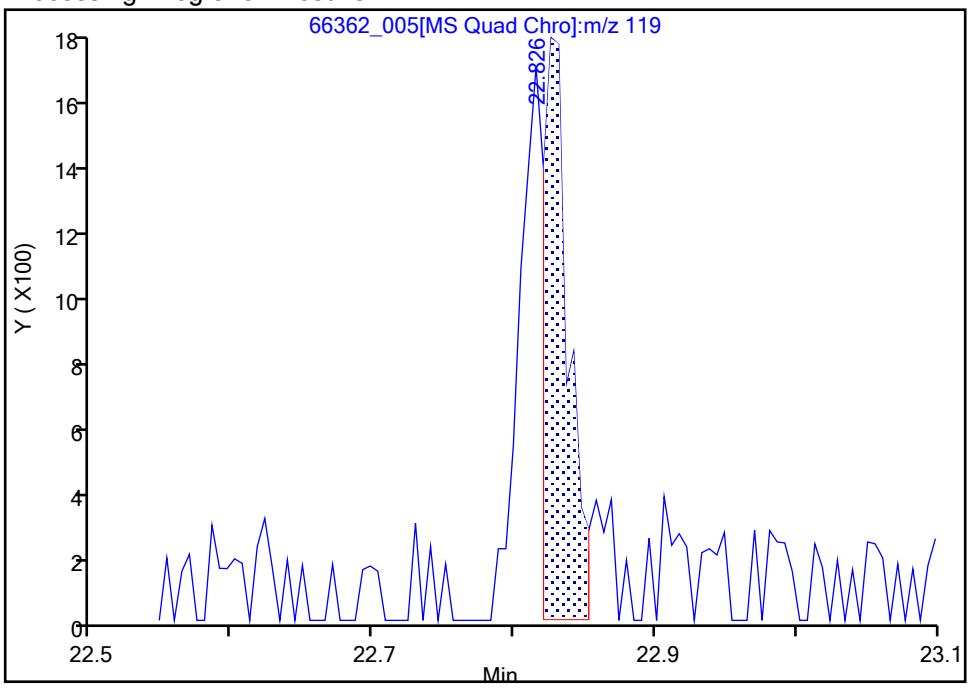
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_005.D				
Injection Date:	15-Aug-2025 10:34:02	Instrument ID:	CHAN.i		
Lims ID:	MB				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

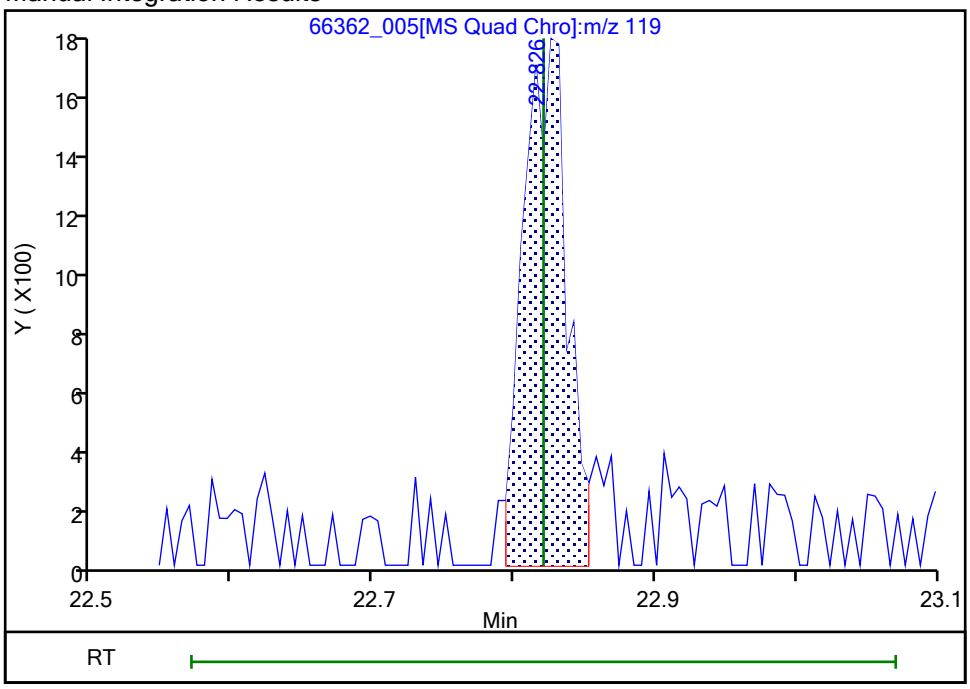
Processing Integration Results

RT: 22.83
Area: 2283
Amount: 0.007233
Amount Units: ppb v/v



Manual Integration Results

RT: 22.83
Area: 3868
Amount: 0.012254
Amount Units: ppb v/v



Reviewer: F7XK, 18-Aug-2025 07:54:44 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-219284/6

Matrix: Air Lab File ID: 66386-06.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/18/2025 11:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219284 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.22
75-45-6	Freon 22	86.47	0.50	U	0.50	0.36
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.076
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.33
106-97-8	n-Butane	58.12	0.50	U	0.50	0.31
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.029
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.040
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.062
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.048
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.077
76-13-1	Freon TF	187.38	0.20	U	0.20	0.057
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.035
67-64-1	Acetone	58.08	5.0	U	5.0	1.9
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	2.2
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.18
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.081
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.19
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.6
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.066
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.020
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.16
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.018
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.14
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.032
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.020
67-66-3	Chloroform	119.38	0.20	U	0.20	0.059
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.7
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.073
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-219284/6

Matrix: Air Lab File ID: 66386-06.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/18/2025 11:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219284 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.024
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.071
71-43-2	Benzene	78.11	0.20	U	0.20	0.051
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.074
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.086
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.029
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.13
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.055
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.19
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.058
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.056
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.19
108-88-3	Toluene	92.14	0.20	U	0.20	0.054
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.062
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.053
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.036
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.053
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.045
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.047
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.051
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.014
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.069
1330-20-7	Xylene (total)	106.17	0.70	U	0.70	0.014
100-42-5	Styrene	104.15	0.20	U	0.20	0.056
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.072
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.061
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.068
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.068

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-219284/6

Matrix: Air Lab File ID: 66386-06.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/18/2025 11:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: ____ % Solids: ____ Level: (low/med) Low

Analysis Batch No.: 219284 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.058
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.082
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.078
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.063
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.070
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.30
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.078
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-78914-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-219284/6

Matrix: Air | Lab File ID: 66386-06.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 08/18/2025 11:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 219284 | Units: ug/m3

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	1.1
75-45-6	Freon 22	86.47	1.8	U	1.8	1.3
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.53
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.68
106-97-8	n-Butane	58.12	1.2	U	1.2	0.74
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.074
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.088
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.24
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.42
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.21
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.43
76-13-1	Freon TF	187.38	1.5	U	1.5	0.44
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.14
67-64-1	Acetone	58.08	12	U	12	4.5
67-63-0	Isopropyl alcohol	60.10	12	U	12	5.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.56
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.25
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.66
75-65-0	tert-Butyl alcohol	74.12	15	U	15	4.9
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.24
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.079
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.56
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.073
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.41
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.13
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.079
67-66-3	Chloroform	119.38	0.98	U	0.98	0.29
109-99-9	Tetrahydrofuran	72.11	15	U	15	5.0
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.40
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.18

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-219284/6

Matrix: Air Lab File ID: 66386-06.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/18/2025 11:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) ___ pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219284 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.15
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.33
71-43-2	Benzene	78.11	0.64	U	0.64	0.16
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.30
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.35
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.16
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.53
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.25
123-91-1	1,4-Dioxane	88.11	18	U	18	0.68
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.39
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	0.75	U	0.75	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.28
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.29
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.24
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.45
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.22
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.22
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.061
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.30
1330-20-7	Xylene (total)	106.17	3.0	U	3.0	0.061
100-42-5	Styrene	104.15	0.85	U	0.85	0.24
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.35
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.42
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.33
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.33

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-219284/6

Matrix: Air Lab File ID: 66386-06.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/18/2025 11:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219284 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.30
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.40
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.43
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.38
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.42
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.2
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.83
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.58

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-06.d
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 18-Aug-2025 11:29:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066386-006
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Aug-2025 09:23:08 Calib Date: 12-Aug-2025 09:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: F7XK Date: 19-Aug-2025 09:23:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		4.115					ND	7
2 Dichlorodifluoromethane	85		4.206					ND	7
3 Chlorodifluoromethane	51		4.243					ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.543					ND	7
5 Chloromethane	50		4.661					ND	7
6 Vinyl chloride	62		4.955					ND	7
7 Butane	43		4.960					ND	7
8 Butadiene	54		5.067					ND	7
9 Bromomethane	94		5.816					ND	
10 Chloroethane	64		6.105					ND	
12 2-Methylbutane	43		6.335					ND	
13 Vinyl bromide	106		6.576					ND	
14 Trichlorofluoromethane	101		6.758					ND	7
15 Pentane	43		6.993					ND	7
16 Ethanol	45		7.170					ND	
18 Ethyl ether	59		7.464					ND	
19 Acrolein	56		7.747					ND	
20 1,1-Dichloroethene	96		7.988					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.042					ND	7
22 Acetone	43		8.063					ND	
23 Isopropyl alcohol	45		8.411					ND	
24 Carbon disulfide	76		8.480					ND	7
25 Acetonitrile	41		8.657					ND	
26 3-Chloro-1-propene	41		8.812					ND	7
27 Methylene Chloride	49	9.095	9.095	0.000	1	1296		0.0799	M
28 2-Methyl-2-propanol	59		9.320					ND	
29 Acrylonitrile	53		9.561					ND	
31 Methyl tert-butyl ether	73		9.695					ND	7
30 trans-1,2-Dichloroethene	61		9.700					ND	7
S 35 1,2-Dichloroethene, Total	61		10.200					ND	7
32 Hexane	57		10.299					ND	7
33 1,1-Dichloroethane	63		10.588					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43		10.599					ND	
36 2-Butanone (MEK)	72		11.679					ND	
37 cis-1,2-Dichloroethene	96		11.727					ND	7
38 Ethyl acetate	88		11.776					ND	
* 39 Chlorobromomethane	128	12.193	12.188	0.005	90	98266	10.0	10.0	
40 Tetrahydrofuran	42		12.236					ND	
41 Chloroform	83		12.380					ND	
42 1,1,1-Trichloroethane	97		12.723					ND	7
43 Cyclohexane	84		12.888					ND	
44 Carbon tetrachloride	117		13.043					ND	MU
45 Benzene	78		13.407					ND	7
46 1,2-Dichloroethane	62		13.482					ND	
47 Isooctane	57		13.643					ND	
48 n-Heptane	43		13.969					ND	7
* 49 1,4-Difluorobenzene	114	14.194	14.188	0.006	96	514170	10.0	10.0	
50 n-Butanol	56		14.402					ND	MU
A 52 GRO	1	14.499	(6.325-22.672)		0	2402990		0	
51 Trichloroethene	95		14.664					ND	7
53 1,2-Dichloropropane	63		15.146					ND	
54 Methyl methacrylate	69		15.215					ND	
55 1,4-Dioxane	88		15.269					ND	
57 Dibromomethane	174		15.312					ND	7
58 Dichlorobromomethane	83		15.627					ND	
A 60 TVOC as Toluene	1	16.085	(4.105-28.065)		0	2644326		0	
59 cis-1,3-Dichloropropene	75		16.467					ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.713					ND	
62 Toluene	92		17.141					ND	7
A 63 Toluene Range	1	17.155	(17.077-17.232)		0	21477		NC	
64 n-Octane	43		17.377					ND	
A 65 C8 Range	1		(17.313-17.452)					ND	
66 trans-1,3-Dichloropropene	75		17.553					ND	7
67 1,1,2-Trichloroethane	83		17.944					ND	
68 Tetrachloroethene	166		18.174					ND	7
69 2-Hexanone	43		18.340					ND	
70 Chlorodibromomethane	129		18.720					ND	7
71 Ethylene Dibromide	107		18.976					ND	
* 73 Chlorobenzene-d5	117	19.896	19.902	-0.006	90	452360	10.0	10.0	
74 Chlorobenzene	112		19.961					ND	MU
S 80 Xylenes, Total	106		20.100					ND	7
75 Ethylbenzene	91		20.148					ND	7
76 m-Xylene & p-Xylene	106		20.405					ND	7
77 n-Nonane	57		20.437					ND	
78 o-Xylene	106		21.111					ND	
79 Styrene	104		21.138					ND	7
81 Bromoform	173		21.459					ND	
82 Isopropylbenzene	105		21.726					ND	MU
83 1,1,2,2-Tetrachloroethane	83		22.186					ND	7
84 1,2,3-Trichloropropane	75		22.288					ND	
85 N-Propylbenzene	91		22.384					ND	7
86 2-Chlorotoluene	91		22.539					ND	7
87 4-Ethyltoluene	105		22.566					ND	7
88 1,3,5-Trimethylbenzene	105		22.652					ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 n-Decane	57		22.662					ND	
90 Alpha Methyl Styrene	118		22.962					ND	7
91 tert-Butylbenzene	119	23.112	23.112	0.000	1	1022		0.0138	M
92 1,2,4-Trimethylbenzene	105	23.213	23.197	0.016	1	684		0.009013	
93 sec-Butylbenzene	105		23.433					ND	MU
94 1,3-Dichlorobenzene	146	23.636	23.625	0.011	1	531		0.0104	
95 4-Isopropyltoluene	119		23.647					ND	MU
96 1,4-Dichlorobenzene	146	23.791	23.775	0.016	1	553		0.0109	
97 Benzyl chloride	91		23.919					ND	7
98 n-Butylbenzene	91		24.246					ND	7
99 1,2-Dichlorobenzene	146		24.305					ND	7
100 Undecane	57		24.380					ND	
101 Dodecane	57		26.124					ND	
102 1,2,4-Trichlorobenzene	180		27.022					ND	
103 Hexachlorobutadiene	225		27.295					ND	7
104 Naphthalene	128		27.573					ND	7
105 1,2,3-Trichlorobenzene	180		28.055					ND	7
109 Chlorotrifluoroethene TIC	1		0.000					ND	
110 Difluoroethane TIC	1		0.000					ND	
111 Total Alkanes TIC	1		0.000					ND	
112 Freon 115 TIC	1		0.000					ND	
113 1,1,1-Trifluoro-2,2-dichloroetha	1		0.000					ND	
114 Methylcyclohexane	83		0.000					ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- 7 - Failed Limit of Detection

Review Flags
- M - Manually Integrated
- U - Marked Undetected

Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

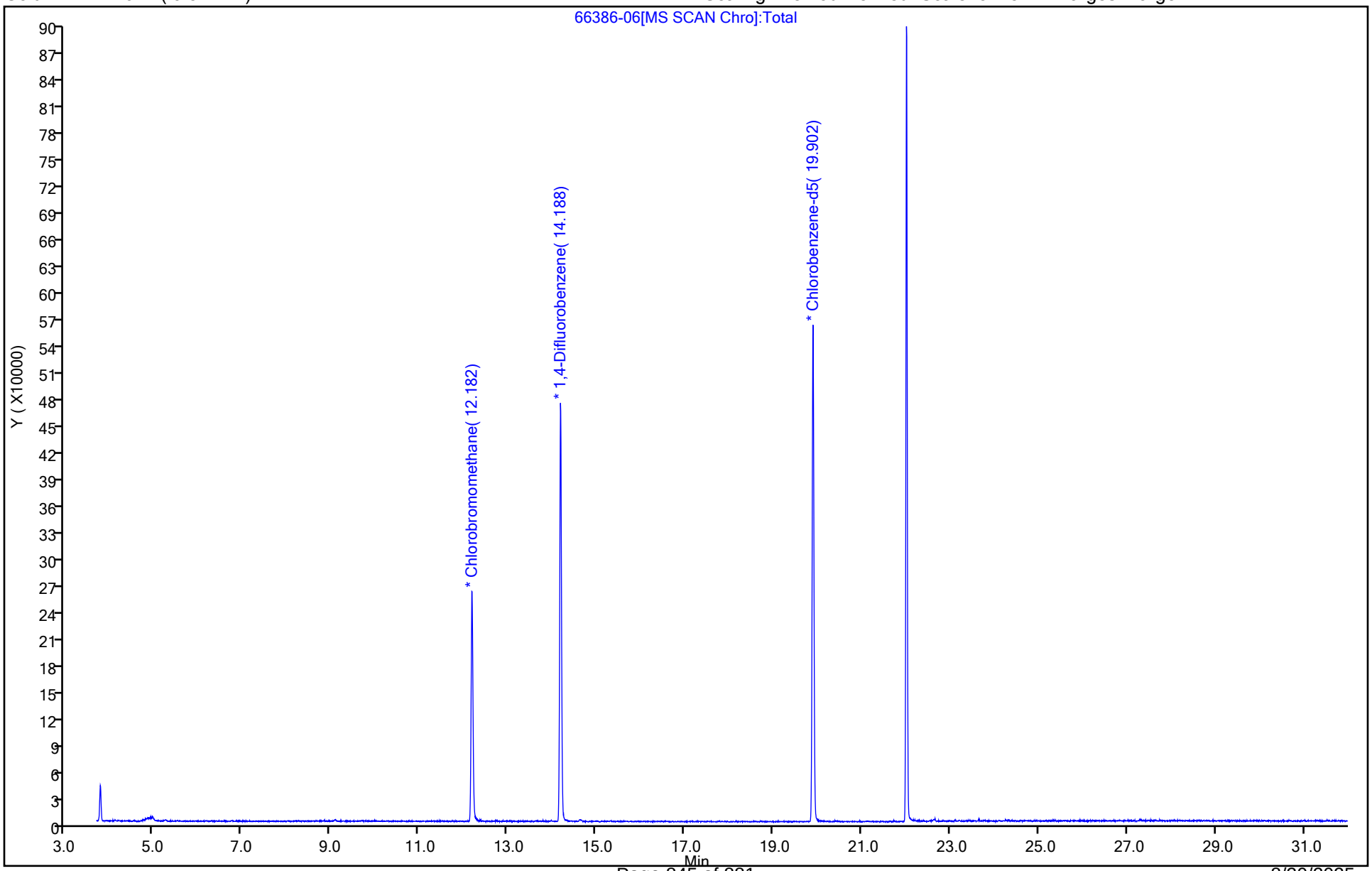
Report Date: 19-Aug-2025 09:23:09 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-06.d

Injection Date:	18-Aug-2025 11:29:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	mb			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

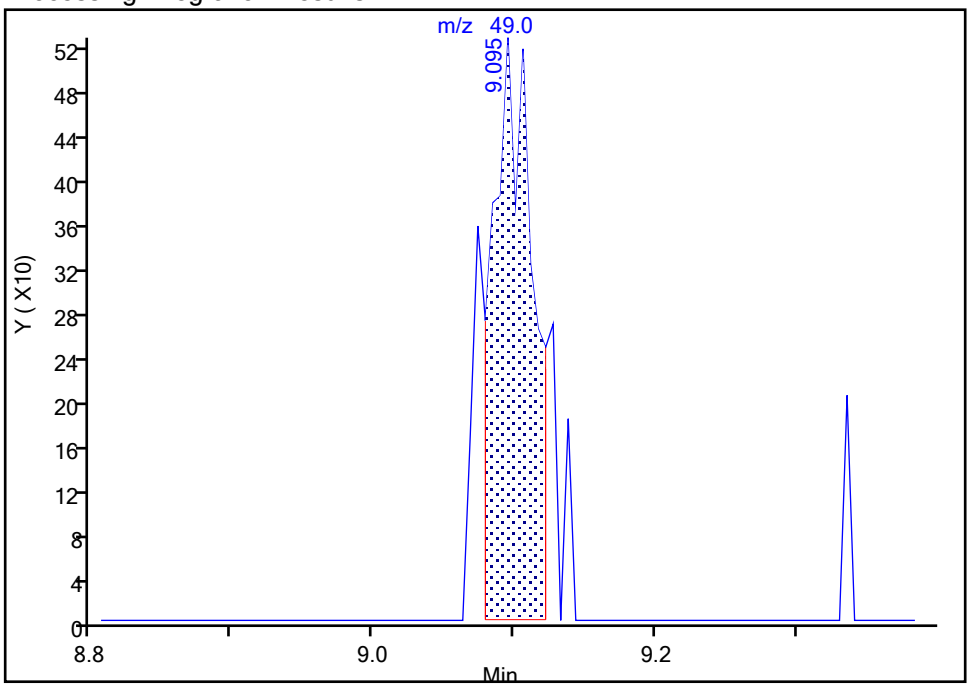
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-06.d
Injection Date: 18-Aug-2025 11:29:30 Instrument ID: CHW.i
Lims ID: mb
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

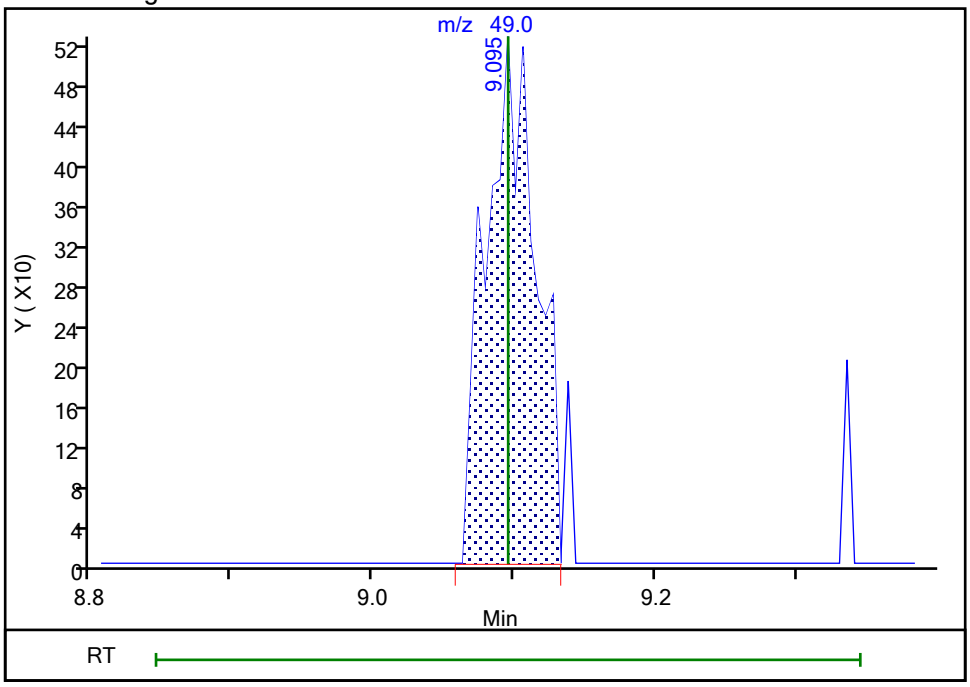
Processing Integration Results

RT: 9.10
Area: 1043
Amount: 0.064266
Amount Units: ppb v/v



Manual Integration Results

RT: 9.10
Area: 1296
Amount: 0.079855
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:19:29 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

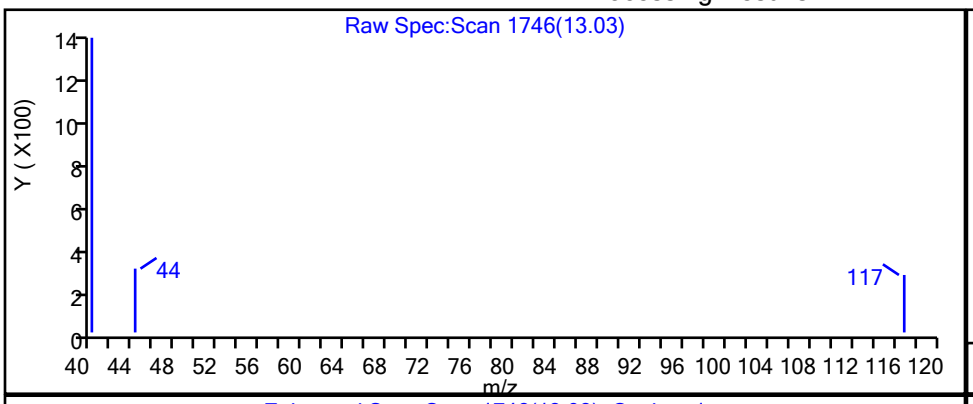
User Disabled Compound Report

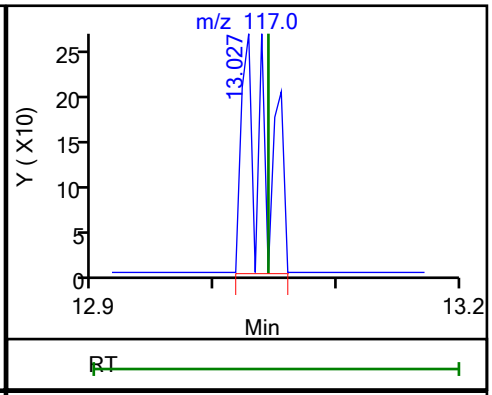
Eurofins Burlington

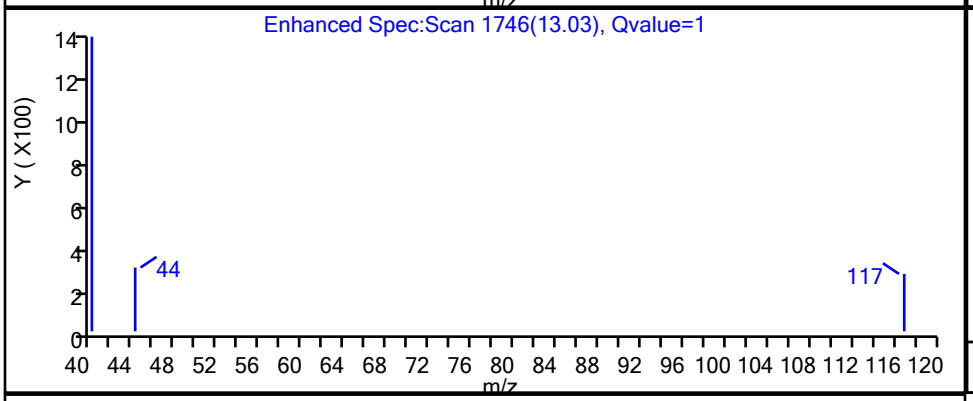
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-06.d				
Injection Date:	18-Aug-2025 11:29:30	Instrument ID:	CHW.i		
Lims ID:	mb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

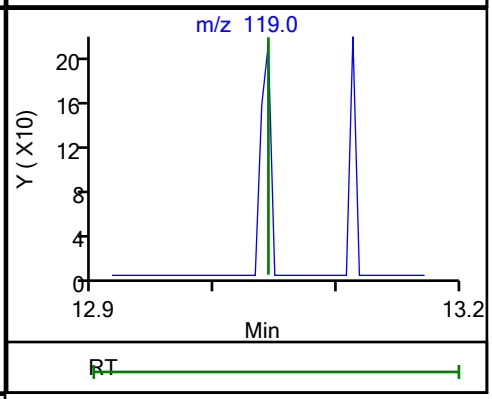
44 Carbon tetrachloride, CAS: 56-23-5

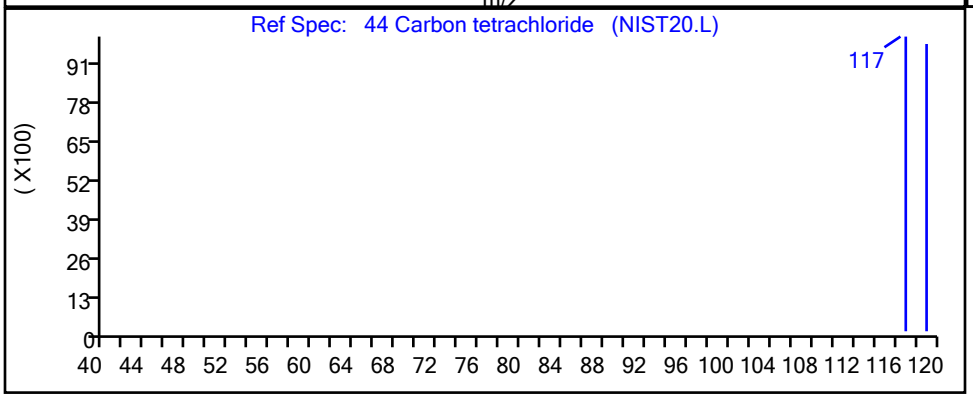
Processing Results











RT	Mass	Response	Amount
13.03	117.00	353	0.008896
13.04	119.00	0	

Reviewer: F7XK, 19-Aug-2025 09:20:02 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

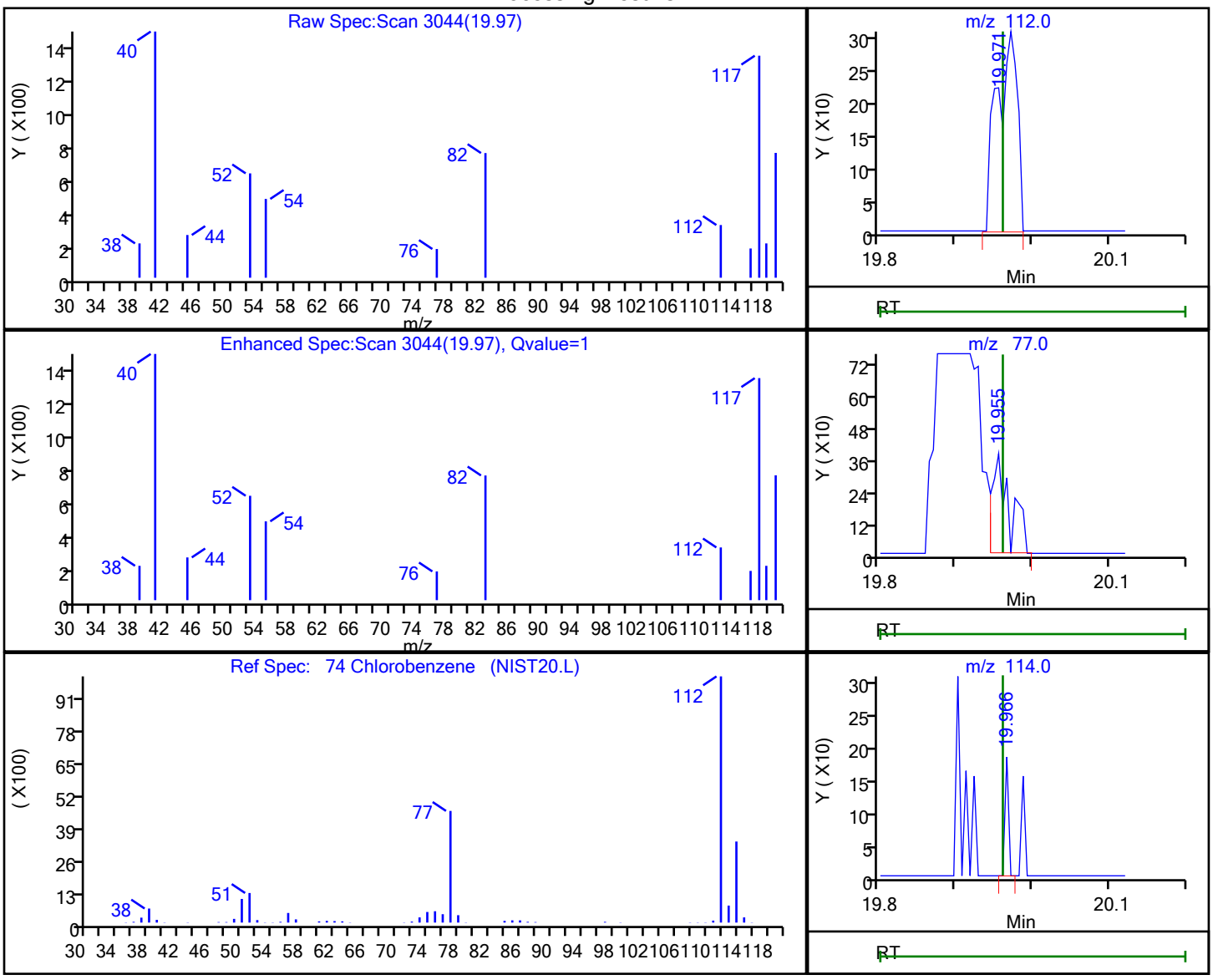
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-06.d				
Injection Date:	18-Aug-2025 11:29:30	Instrument ID:	CHW.i		
Lims ID:	mb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

74 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
19.97	112.00	561	0.012684
19.96	77.00	616	
19.97	114.00	58	

Reviewer: F7XK, 19-Aug-2025 09:20:45 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

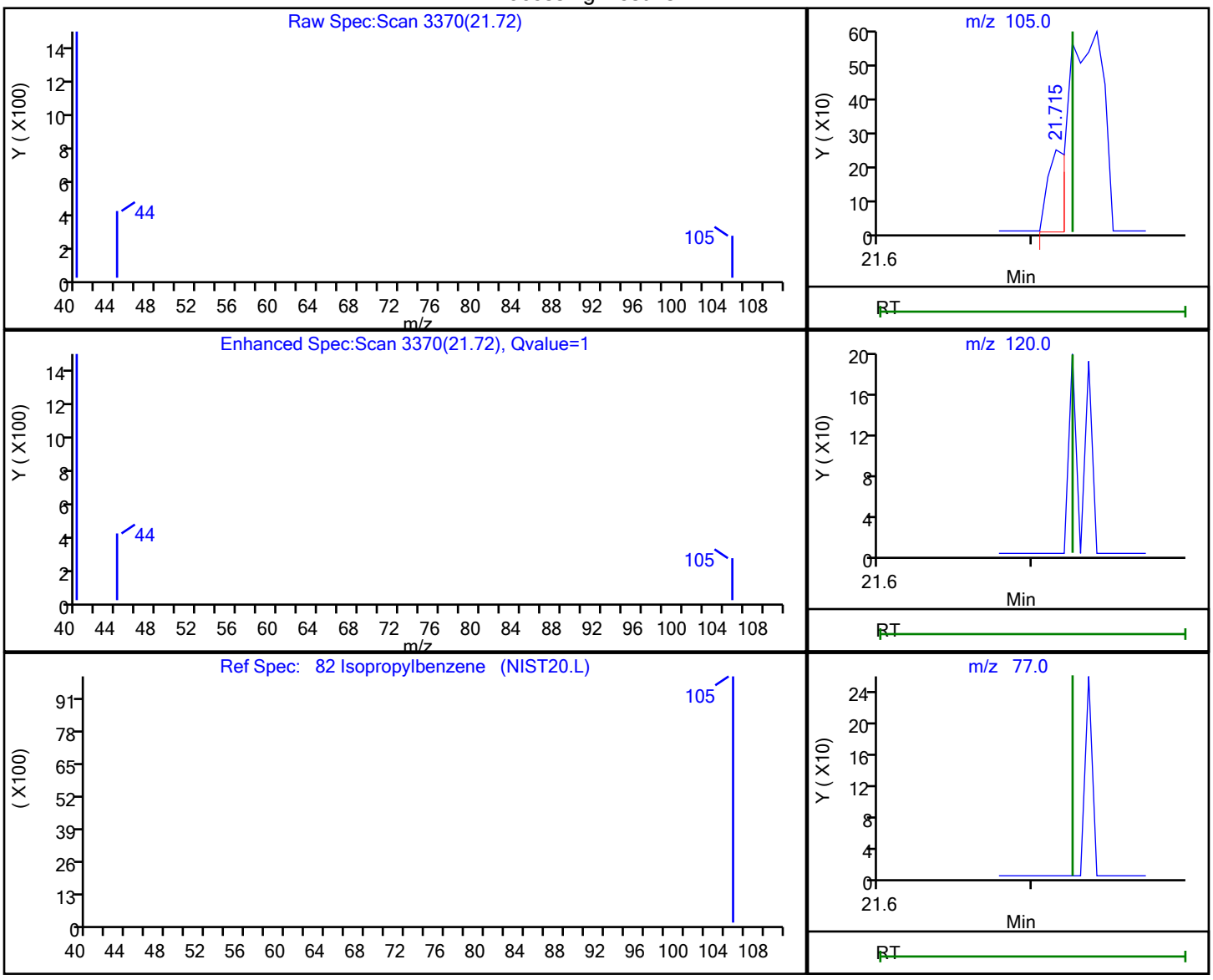
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-06.d				
Injection Date:	18-Aug-2025 11:29:30	Instrument ID:	CHW.i		
Lims ID:	mb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
21.72	105.00	204	0.002316
21.73	120.00	0	
21.73	77.00	0	

Reviewer: F7XK, 19-Aug-2025 09:21:15 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

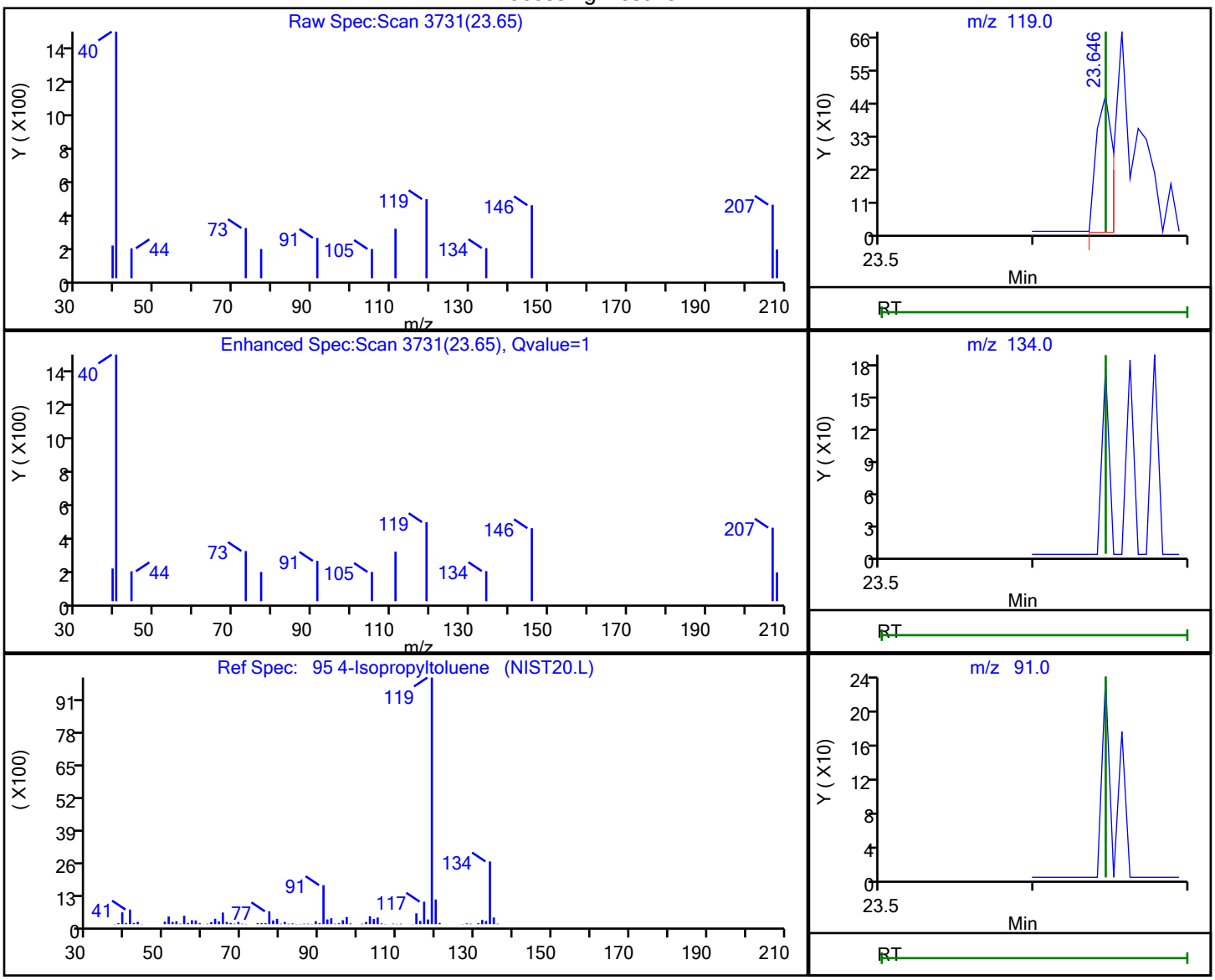
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-06.d				
Injection Date:	18-Aug-2025 11:29:30	Instrument ID:	CHW.i		
Lims ID:	mb				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
23.65	119.00	343	0.003503
23.65	134.00	0	
23.65	91.00	0	

Reviewer: F7XK, 19-Aug-2025 09:22:41 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-219230/4

Matrix: Air Lab File ID: 66362_004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/15/2025 09:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12.0		0.50	0.22
75-45-6	Freon 22	86.47	12.0		0.50	0.36
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	11.2		0.20	0.076
74-87-3	Chloromethane	50.49	12.1		0.50	0.33
106-97-8	n-Butane	58.12	11.3		0.50	0.31
75-01-4	Vinyl chloride	62.50	9.91		0.20	0.029
106-99-0	1,3-Butadiene	54.09	10.5		0.20	0.040
74-83-9	Bromomethane	94.94	11.3		0.20	0.062
75-00-3	Chloroethane	64.52	12.0		0.50	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	11.2		0.20	0.048
75-69-4	Trichlorofluoromethane	137.37	10.7		0.20	0.077
76-13-1	Freon TF	187.38	10.2		0.20	0.057
75-35-4	1,1-Dichloroethene	96.94	10.2		0.20	0.035
67-64-1	Acetone	58.08	11.6		5.0	1.9
67-63-0	Isopropyl alcohol	60.10	13.1		5.0	2.2
75-15-0	Carbon disulfide	76.14	11.1		0.50	0.18
107-05-1	3-Chloropropene	76.53	8.34		0.50	0.081
75-09-2	Methylene Chloride	84.93	10.6		0.50	0.19
75-65-0	tert-Butyl alcohol	74.12	11.5		5.0	1.6
1634-04-4	Methyl tert-butyl ether	88.15	10.5		0.20	0.066
156-60-5	trans-1,2-Dichloroethene	96.94	9.92		0.20	0.020
110-54-3	n-Hexane	86.17	10.3		0.50	0.16
75-34-3	1,1-Dichloroethane	98.96	9.70		0.20	0.018
78-93-3	Methyl Ethyl Ketone	72.11	10.1		0.50	0.14
156-59-2	cis-1,2-Dichloroethene	96.94	9.38		0.20	0.032
540-59-0	1,2-Dichloroethene, Total	96.94	19.3		0.40	0.020
67-66-3	Chloroform	119.38	10.2		0.20	0.059
109-99-9	Tetrahydrofuran	72.11	10.6		5.0	1.7
71-55-6	1,1,1-Trichloroethane	133.41	10.1		0.20	0.073
110-82-7	Cyclohexane	84.16	10.0		0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-219230/4

Matrix: Air Lab File ID: 66362_004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/15/2025 09:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	9.70		0.20	0.024
540-84-1	2,2,4-Trimethylpentane	114.23	10.1		0.20	0.071
71-43-2	Benzene	78.11	10.1		0.20	0.051
107-06-2	1,2-Dichloroethane	98.96	10.2		0.20	0.074
142-82-5	n-Heptane	100.21	9.67		0.20	0.086
79-01-6	Trichloroethene	131.39	9.75		0.20	0.029
80-62-6	Methyl methacrylate	100.12	10.6		0.50	0.13
78-87-5	1,2-Dichloropropane	112.99	9.97		0.20	0.055
123-91-1	1,4-Dioxane	88.11	10.3		5.0	0.19
75-27-4	Bromodichloromethane	163.83	9.99		0.20	0.058
10061-01-5	cis-1,3-Dichloropropene	110.97	10.1		0.20	0.056
108-10-1	methyl isobutyl ketone	100.16	10.5		0.50	0.19
108-88-3	Toluene	92.14	10.2		0.20	0.054
10061-02-6	trans-1,3-Dichloropropene	110.97	10.8		0.20	0.062
79-00-5	1,1,2-Trichloroethane	133.41	10.2		0.20	0.053
127-18-4	Tetrachloroethene	165.83	8.84		0.20	0.036
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.8		0.50	0.20
124-48-1	Dibromochloromethane	208.28	9.35		0.20	0.053
106-93-4	1,2-Dibromoethane	187.87	10.1		0.20	0.045
108-90-7	Chlorobenzene	112.56	9.91		0.20	0.047
100-41-4	Ethylbenzene	106.17	10.3		0.20	0.051
179601-23-1	m,p-Xylene	106.17	20.3		0.50	0.014
95-47-6	Xylene, o-	106.17	10.1		0.20	0.069
1330-20-7	Xylene (total)	106.17	30.4		0.70	0.014
100-42-5	Styrene	104.15	10.3		0.20	0.056
75-25-2	Bromoform	252.75	7.56		0.20	0.058
98-82-8	Cumene	120.19	10.3		0.20	0.072
79-34-5	1,1,2,2-Tetrachloroethane	167.85	10.2		0.20	0.061
622-96-8	4-Ethyltoluene	120.20	10.5		0.20	0.068
108-67-8	1,3,5-Trimethylbenzene	120.20	10.3		0.20	0.068

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-219230/4

Matrix: Air Lab File ID: 66362_004.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/15/2025 09:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219230 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-49-8	2-Chlorotoluene	126.59	10.3		0.20	0.058
95-63-6	1,2,4-Trimethylbenzene	120.20	10.3		0.20	0.082
99-87-6	4-Isopropyltoluene	134.22	10.1		0.20	0.078
541-73-1	1,3-Dichlorobenzene	147.00	9.55		0.20	0.063
106-46-7	1,4-Dichlorobenzene	147.00	9.67		0.20	0.070
100-44-7	Benzyl chloride	126.58	9.98		0.20	0.074
95-50-1	1,2-Dichlorobenzene	147.00	9.50		0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	11.0		0.50	0.30
87-68-3	Hexachlorobutadiene	260.76	9.27		0.20	0.078
91-20-3	Naphthalene	128.17	11.4		0.50	0.11

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_004.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 15-Aug-2025 09:42:20 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066362-004
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Aug-2025 07:36:51 Calib Date: 04-Aug-2025 17:49:26
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250804-66192.b\66192_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1609

First Level Reviewer: F7XK Date: 18-Aug-2025 07:39:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.358	4.358	0.000	96	323485	10.0	12.5	
2 Dichlorodifluoromethane	85	4.455	4.460	-0.005	99	1551684	10.0	12.0	
3 Chlorodifluoromethane	51	4.497	4.498	-0.001	95	720721	10.0	12.0	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.818	4.819	-0.001	91	1492306	10.0	11.2	
5 Chloromethane	50	4.931	4.931	0.000	99	347646	10.0	12.1	
6 Vinyl chloride	62	5.225	5.225	0.000	99	400709	10.0	9.91	
7 Butane	43	5.230	5.230	0.000	95	524644	10.0	11.3	
8 Butadiene	54	5.337	5.337	0.000	98	269040	10.0	10.5	
11 BFB									
9 Bromomethane	94	6.054	6.054	0.000	98	523285	10.0	11.3	
10 Chloroethane	64	6.316	6.322	-0.006	100	243063	10.0	12.0	
12 2-Methylbutane	43	6.541	6.541	0.000	90	494837	10.0	11.4	
13 Vinyl bromide	106	6.739	6.739	0.000	97	548662	10.0	11.2	
14 Trichlorofluoromethane	101	6.905	6.905	0.000	99	1605359	10.0	10.7	
15 Pentane	43	7.113	7.114	-0.001	95	732735	10.0	11.7	
16 Ethanol	45	7.237	7.242	-0.005	98	390666	15.0	23.2	
18 Ethyl ether	59	7.515	7.510	0.005	89	310811	10.0	11.1	
19 Acrolein	56	7.734	7.734	0.000	97	153864	10.0	12.9	
20 1,1-Dichloroethene	96	7.953	7.954	-0.001	97	550680	10.0	10.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	7.996	8.002	-0.006	95	1209427	10.0	10.2	
22 Acetone	43	8.002	8.002	0.000	98	657469	10.0	11.6	
23 Isopropyl alcohol	45	8.285	8.285	0.000	100	711105	10.0	13.1	
24 Carbon disulfide	76	8.355	8.360	-0.005	100	1440713	10.0	11.1	
25 Acetonitrile	41	8.488	8.489	0.000	99	298963	10.0	10.8	
26 3-Chloro-1-propene	41	8.633	8.633	0.000	97	409976	10.0	8.34	
27 Methylene Chloride	49	8.858	8.858	0.000	87	489275	10.0	10.6	
28 2-Methyl-2-propanol	59	9.045	9.045	0.000	99	902181	10.0	11.5	
29 Acrylonitrile	53	9.237	9.232	0.005	94	271058	10.0	10.7	
30 trans-1,2-Dichloroethene	61	9.360	9.361	-0.001	97	670873	10.0	9.92	
31 Methyl tert-butyl ether	73	9.366	9.371	-0.005	95	1439935	10.0	10.5	
32 Hexane	57	9.885	9.885	0.000	92	641533	10.0	10.3	
33 1,1-Dichloroethane	63	10.115	10.115	0.000	99	839718	10.0	9.70	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.120	10.120	0.000	99	925819	10.0	12.5	
S 35 1,2-Dichloroethene, Total	61				0		20.0	19.3	
36 2-Butanone (MEK)	72	11.062	11.062	0.000	98	241345	10.0	10.1	
37 cis-1,2-Dichloroethene	96	11.104	11.105	-0.001	90	573319	10.0	9.38	
38 Ethyl acetate	88	11.153	11.153	0.000	100	46701	10.0	11.8	
* 39 Chlorobromomethane	128	11.506	11.506	0.000	83	544952	10.0	10.0	
40 Tetrahydrofuran	42	11.554	11.554	0.000	87	451400	10.0	10.6	
41 Chloroform	83	11.682	11.682	0.000	96	1156362	10.0	10.2	
42 1,1,1-Trichloroethane	97	12.003	12.003	0.000	97	1284000	10.0	10.1	
43 Cyclohexane	84	12.158	12.158	0.000	93	678420	10.0	10.0	
44 Carbon tetrachloride	117	12.287	12.287	0.000	98	1414806	10.0	9.70	
45 Benzene	78	12.618	12.624	-0.006	95	1551694	10.0	10.1	
46 1,2-Dichloroethane	62	12.677	12.677	0.000	90	724302	10.0	10.2	
47 Isooctane	57	12.859	12.859	0.000	98	2101192	10.0	10.1	
48 n-Heptane	43	13.164	13.164	0.000	88	731495	10.0	9.67	
* 49 1,4-Difluorobenzene	114	13.346	13.346	0.000	95	2708120	10.0	10.0	
50 n-Butanol	56	13.544	13.539	0.005	90	297590	10.0	10.3	
51 Trichloroethene	95	13.785	13.785	0.000	98	794620	10.0	9.75	
A 52 GRO	1	14.191	(6.531-21.852)		0	242757832	649.9	0	
53 1,2-Dichloropropane	63	14.229	14.229	0.000	86	542162	10.0	9.97	
54 Methyl methacrylate	69	14.320	14.314	0.006	95	529088	10.0	10.6	
55 1,4-Dioxane	88	14.352	14.352	0.000	88	330602	10.0	10.3	
57 Dibromomethane	174	14.378	14.379	-0.001	91	673835	10.0	9.00	
58 Dichlorobromomethane	83	14.689	14.689	0.000	97	1260729	10.0	9.99	
59 cis-1,3-Dichloropropene	75	15.491	15.491	0.000	93	999828	10.0	10.1	
A 60 TVOC as Toluene	1	15.537	(4.348-26.725)		0	379943343	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	15.743	15.743	0.000	97	1001615	10.0	10.5	
62 Toluene	92	16.144	16.144	0.000	93	1174495	10.0	10.2	
A 63 Toluene Range	1	16.157	(16.069-16.246)		0	4704946	NC	NC	
64 n-Octane	43	16.411	16.412	-0.001	86	1027744	10.0	9.80	
A 65 C8 Range	1	16.412	(16.342-16.481)		0	4497356	NC	NC	
66 trans-1,3-Dichloropropene	75	16.534	16.540	-0.006	96	863837	10.0	10.8	
67 1,1,2-Trichloroethane	83	16.909	16.909	0.000	97	600650	10.0	10.2	
68 Tetrachloroethene	166	17.144	17.139	0.005	92	995156	10.0	8.84	
69 2-Hexanone	43	17.316	17.316	0.000	95	945610	10.0	10.8	
70 Chlorodibromomethane	129	17.647	17.647	0.000	96	1315312	10.0	9.35	
71 Ethylene Dibromide	107	17.888	17.888	0.000	97	1170586	10.0	10.1	
* 73 Chlorobenzene-d5	117	18.808	18.808	0.000	85	2459782	10.0	10.0	
74 Chlorobenzene	112	18.867	18.867	0.000	96	1688657	10.0	9.91	
75 Ethylbenzene	91	19.065	19.065	0.000	98	2648998	10.0	10.3	
76 m-Xylene & p-Xylene	106	19.327	19.322	0.005	0	2085918	20.0	20.3	
77 n-Nonane	57	19.407	19.413	-0.006	85	1013935	10.0	10.2	
78 o-Xylene	106	20.097	20.098	-0.001	98	1012886	10.0	10.1	
S 80 Xylenes, Total	106				0		30.0	30.5	
79 Styrene	104	20.129	20.130	-0.001	98	1653263	10.0	10.3	
81 Bromoform	173	20.461	20.456	0.005	92	907186	10.0	7.56	
82 Isopropylbenzene	105	20.793	20.793	0.000	98	3099660	10.0	10.3	
83 1,1,2,2-Tetrachloroethane	83	21.285	21.285	0.000	99	1558908	10.0	10.2	
84 1,2,3-Trichloropropane	75	21.387	21.387	0.000	97	1192425	10.0	10.7	
85 N-Propylbenzene	91	21.504	21.505	-0.001	99	3670439	10.0	10.5	
86 2-Chlorotoluene	91	21.649	21.649	0.000	97	2233156	10.0	10.3	
87 4-Ethyltoluene	105	21.702	21.702	0.000	99	3088420	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,3,5-Trimethylbenzene	105	21.799	21.799	0.000	93	2584239	10.0	10.3	
89 n-Decane	57	21.841	21.842	-0.001	94	1327452	10.0	10.6	
90 Alpha Methyl Styrene	118	22.120	22.120	0.000	88	1335868	10.0	10.1	
91 tert-Butylbenzene	119	22.280	22.280	0.000	93	2550055	10.0	9.98	
92 1,2,4-Trimethylbenzene	105	22.366	22.366	0.000	98	2630683	10.0	10.3	
93 sec-Butylbenzene	105	22.606	22.607	-0.001	98	3900424	10.0	10.4	
94 1,3-Dichlorobenzene	146	22.772	22.772	0.000	98	1839716	10.0	9.55	
95 4-Isopropyltoluene	119	22.815	22.821	-0.006	97	3300678	10.0	10.1	
96 1,4-Dichlorobenzene	146	22.911	22.912	-0.001	95	1841018	10.0	9.67	
97 Benzyl chloride	91	23.050	23.051	-0.001	99	2090210	10.0	9.98	
98 n-Butylbenzene	91	23.371	23.372	-0.001	98	3176217	10.0	10.6	
99 1,2-Dichlorobenzene	146	23.398	23.398	0.000	96	1773243	10.0	9.50	
100 Undecane	57	23.532	23.532	0.000	92	1530358	10.0	11.1	
101 Dodecane	57	25.115	25.116	-0.001	94	1403391	10.0	10.3	
102 1,2,4-Trichlorobenzene	180	25.832	25.832	0.000	94	1342464	10.0	11.0	
103 Hexachlorobutadiene	225	26.089	26.084	0.005	86	1017521	10.0	9.27	
104 Naphthalene	128	26.303	26.303	0.000	99	3220193	10.0	11.4	
105 1,2,3-Trichlorobenzene	180	26.715	26.715	0.000	96	1131048	10.0	9.51	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00886	Amount Added: 200.00	Units: mL	
ATTO15CISs_00012	Amount Added: 20.00	Units: mL	Run Reagent

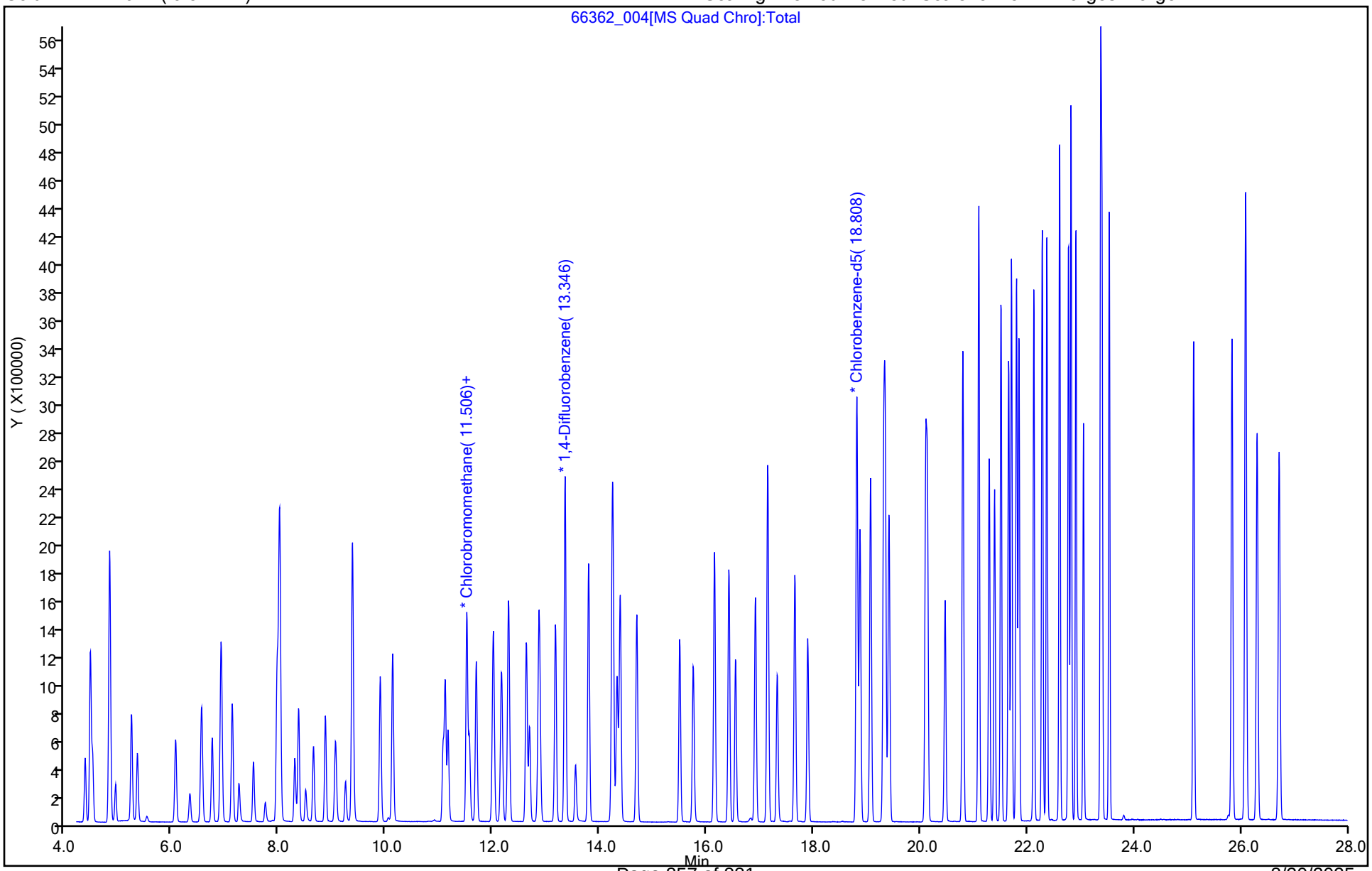
Report Date: 18-Aug-2025 07:39:24 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250815-66362.b\66362_004.D

Injection Date:	15-Aug-2025 09:42:20	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-219284/4

Matrix: Air Lab File ID: 66386-04.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/18/2025 09:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219284 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	11.6		0.50	0.22
75-45-6	Freon 22	86.47	10.8		0.50	0.36
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	10.6		0.20	0.076
74-87-3	Chloromethane	50.49	9.81		0.50	0.33
106-97-8	n-Butane	58.12	9.51		0.50	0.31
75-01-4	Vinyl chloride	62.50	9.18		0.20	0.029
106-99-0	1,3-Butadiene	54.09	8.85		0.20	0.040
74-83-9	Bromomethane	94.94	9.96		0.20	0.062
75-00-3	Chloroethane	64.52	9.49		0.50	0.16
593-60-2	Bromoethene(Vinyl Bromide)	106.96	9.85		0.20	0.048
75-69-4	Trichlorofluoromethane	137.37	11.2		0.20	0.077
76-13-1	Freon TF	187.38	9.87		0.20	0.057
75-35-4	1,1-Dichloroethene	96.94	9.33		0.20	0.035
67-64-1	Acetone	58.08	10.5		5.0	1.9
67-63-0	Isopropyl alcohol	60.10	11.1		5.0	2.2
75-15-0	Carbon disulfide	76.14	9.19		0.50	0.18
107-05-1	3-Chloropropene	76.53	7.68		0.50	0.081
75-09-2	Methylene Chloride	84.93	9.71		0.50	0.19
75-65-0	tert-Butyl alcohol	74.12	10.2		5.0	1.6
1634-04-4	Methyl tert-butyl ether	88.15	10.2		0.20	0.066
156-60-5	trans-1,2-Dichloroethene	96.94	10.6		0.20	0.020
110-54-3	n-Hexane	86.17	9.51		0.50	0.16
75-34-3	1,1-Dichloroethane	98.96	9.49		0.20	0.018
78-93-3	Methyl Ethyl Ketone	72.11	9.71		0.50	0.14
156-59-2	cis-1,2-Dichloroethene	96.94	8.81		0.20	0.032
540-59-0	1,2-Dichloroethene, Total	96.94	19.4		0.40	0.020
67-66-3	Chloroform	119.38	10.4		0.20	0.059
109-99-9	Tetrahydrofuran	72.11	9.24		5.0	1.7
71-55-6	1,1,1-Trichloroethane	133.41	11.0		0.20	0.073
110-82-7	Cyclohexane	84.16	9.48		0.20	0.052

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-219284/4

Matrix: Air Lab File ID: 66386-04.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/18/2025 09:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219284 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	153.81	11.4		0.20	0.024
540-84-1	2,2,4-Trimethylpentane	114.23	9.50		0.20	0.071
71-43-2	Benzene	78.11	9.41		0.20	0.051
107-06-2	1,2-Dichloroethane	98.96	11.3		0.20	0.074
142-82-5	n-Heptane	100.21	9.72		0.20	0.086
79-01-6	Trichloroethene	131.39	10.0		0.20	0.029
80-62-6	Methyl methacrylate	100.12	9.25		0.50	0.13
78-87-5	1,2-Dichloropropane	112.99	9.36		0.20	0.055
123-91-1	1,4-Dioxane	88.11	10.1		5.0	0.19
75-27-4	Bromodichloromethane	163.83	10.6		0.20	0.058
10061-01-5	cis-1,3-Dichloropropene	110.97	9.77		0.20	0.056
108-10-1	methyl isobutyl ketone	100.16	10.2		0.50	0.19
108-88-3	Toluene	92.14	9.62		0.20	0.054
10061-02-6	trans-1,3-Dichloropropene	110.97	11.1		0.20	0.062
79-00-5	1,1,2-Trichloroethane	133.41	10.0		0.20	0.053
127-18-4	Tetrachloroethene	165.83	10.0		0.20	0.036
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.5		0.50	0.20
124-48-1	Dibromochloromethane	208.28	9.95		0.20	0.053
106-93-4	1,2-Dibromoethane	187.87	9.99		0.20	0.045
108-90-7	Chlorobenzene	112.56	9.74		0.20	0.047
100-41-4	Ethylbenzene	106.17	10.1		0.20	0.051
179601-23-1	m,p-Xylene	106.17	20.0		0.50	0.014
95-47-6	Xylene, o-	106.17	9.97		0.20	0.069
1330-20-7	Xylene (total)	106.17	30.0		0.70	0.014
100-42-5	Styrene	104.15	9.94		0.20	0.056
75-25-2	Bromoform	252.75	9.02		0.20	0.058
98-82-8	Cumene	120.19	10.1		0.20	0.072
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.62		0.20	0.061
622-96-8	4-Ethyltoluene	120.20	10.5		0.20	0.068
108-67-8	1,3,5-Trimethylbenzene	120.20	10.2		0.20	0.068

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-219284/4

Matrix: Air Lab File ID: 66386-04.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 08/18/2025 09:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 219284 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-49-8	2-Chlorotoluene	126.59	10.2		0.20	0.058
95-63-6	1,2,4-Trimethylbenzene	120.20	10.3		0.20	0.082
99-87-6	4-Isopropyltoluene	134.22	10.1		0.20	0.078
541-73-1	1,3-Dichlorobenzene	147.00	10.0		0.20	0.063
106-46-7	1,4-Dichlorobenzene	147.00	10.0		0.20	0.070
100-44-7	Benzyl chloride	126.58	9.82		0.20	0.074
95-50-1	1,2-Dichlorobenzene	147.00	9.91		0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	11.0		0.50	0.30
87-68-3	Hexachlorobutadiene	260.76	10.9		0.20	0.078
91-20-3	Naphthalene	128.17	9.42		0.50	0.11

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-04.d
Lims ID: lcs
Client ID:
Sample Type: LCS
Inject. Date: 18-Aug-2025 09:47:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0066386-004
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Aug-2025 09:18:16 Calib Date: 12-Aug-2025 09:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250811-66295.b\66295-23.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: F7XK Date: 19-Aug-2025 09:18:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.115	4.115	0.000	96	113635	10.0	10.1	
2 Dichlorodifluoromethane	85	4.200	4.206	-0.006	99	547798	10.0	11.6	
3 Chlorodifluoromethane	51	4.238	4.243	-0.005	96	291092	10.0	10.8	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.538	4.543	-0.005	93	454257	10.0	10.6	
5 Chloromethane	50	4.655	4.661	-0.005	99	129653	10.0	9.81	
6 Vinyl chloride	62	4.949	4.955	-0.006	100	166774	10.0	9.18	
7 Butane	43	4.955	4.960	-0.005	94	266410	10.0	9.51	
8 Butadiene	54	5.062	5.067	-0.005	95	137791	10.0	8.85	
9 Bromomethane	94	5.805	5.816	-0.011	97	132566	10.0	9.96	
11 BFB									
10 Chloroethane	64	6.100	6.105	-0.005	98	74433	10.0	9.49	
12 2-Methylbutane	43	6.335	6.335	0.000	89	164254	10.0	9.66	
13 Vinyl bromide	106	6.570	6.576	-0.006	97	138745	10.0	9.85	
14 Trichlorofluoromethane	101	6.752	6.758	-0.006	98	573406	10.0	11.2	
15 Pentane	43	6.988	6.993	-0.005	93	241925	10.0	9.51	
16 Ethanol	45	7.170	7.170	0.000	97	107606	15.0	15.7	
18 Ethyl ether	59	7.464	7.464	0.000	96	105209	10.0	10.1	
19 Acrolein	56	7.747	7.747	0.000	97	48004	10.0	9.25	
20 1,1-Dichloroethene	96	7.983	7.988	-0.005	92	143251	10.0	9.33	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.031	8.042	-0.011	96	345905	10.0	9.87	
22 Acetone	43	8.058	8.063	-0.005	99	273775	10.0	10.5	
23 Isopropyl alcohol	45	8.405	8.411	-0.006	99	275340	10.0	11.1	
24 Carbon disulfide	76	8.475	8.480	-0.005	99	362370	10.0	9.19	
25 Acetonitrile	41	8.657	8.657	0.000	97	89180	10.0	8.28	
26 3-Chloro-1-propene	41	8.817	8.812	0.005	93	138134	10.0	7.68	
27 Methylene Chloride	49	9.090	9.095	-0.005	98	183289	10.0	9.71	
28 2-Methyl-2-propanol	59	9.320	9.320	0.000	99	376496	10.0	10.2	
29 Acrylonitrile	53	9.561	9.561	0.000	93	96699	10.0	8.93	
31 Methyl tert-butyl ether	73	9.695	9.695	0.000	96	500436	10.0	10.2	
30 trans-1,2-Dichloroethene	61	9.695	9.700	-0.005	94	245488	10.0	10.6	
S 35 1,2-Dichloroethene, Total	61				0		20.0	19.4	
32 Hexane	57	10.299	10.299	0.000	89	233841	10.0	9.51	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.588	10.588	0.000	100	282188	10.0	9.49	
34 Vinyl acetate	43	10.599	10.599	0.000	99	328737	10.0	10.1	
36 2-Butanone (MEK)	72	11.679	11.679	0.000	100	69312	10.0	9.71	
37 cis-1,2-Dichloroethene	96	11.722	11.727	-0.005	97	152059	10.0	8.81	
38 Ethyl acetate	88	11.770	11.776	-0.006	99	13603	10.0	9.20	
* 39 Chlorobromomethane	128	12.188	12.188	0.000	90	114322	10.0	10.0	
40 Tetrahydrofuran	42	12.236	12.236	0.000	88	160356	10.0	9.24	
41 Chloroform	83	12.375	12.380	-0.005	97	379429	10.0	10.4	
42 1,1,1-Trichloroethane	97	12.728	12.723	0.005	98	474962	10.0	11.0	
43 Cyclohexane	84	12.883	12.888	-0.005	95	198724	10.0	9.48	
44 Carbon tetrachloride	117	13.038	13.043	-0.005	98	515288	10.0	11.4	
45 Benzene	78	13.407	13.407	0.000	98	433428	10.0	9.41	
46 1,2-Dichloroethane	62	13.482	13.482	0.000	89	307227	10.0	11.3	M
47 Isooctane	57	13.643	13.643	0.000	97	749963	10.0	9.50	
48 n-Heptane	43	13.969	13.969	0.000	90	270366	10.0	9.72	
* 49 1,4-Difluorobenzene	114	14.188	14.188	0.000	96	586337	10.0	10.0	
50 n-Butanol	56	14.402	14.402	0.000	92	106033	10.0	9.01	
A 52 GRO	1	14.499	(6.325-22.672)		0	82613399	649.9	0	
51 Trichloroethene	95	14.659	14.664	-0.005	95	233553	10.0	10.0	
53 1,2-Dichloropropane	63	15.141	15.146	-0.005	62	161341	10.0	9.36	
54 Methyl methacrylate	69	15.210	15.215	-0.005	89	152585	10.0	9.25	
55 1,4-Dioxane	88	15.269	15.269	0.000	95	93494	10.0	10.1	
57 Dibromomethane	174	15.312	15.312	0.000	94	234271	10.0	10.2	
58 Dichlorobromomethane	83	15.627	15.627	0.000	98	427411	10.0	10.6	
A 60 TVOC as Toluene	1	16.085	(4.105-28.065)		0	130685142	899.8	0	
59 cis-1,3-Dichloropropene	75	16.467	16.467	0.000	96	299515	10.0	9.77	
61 4-Methyl-2-pentanone (MIBK)	43	16.713	16.713	0.000	98	383237	10.0	10.2	
62 Toluene	92	17.141	17.141	0.000	93	334931	10.0	9.62	
A 63 Toluene Range	1	17.155	(17.077-17.232)		0	1497162	NC	NC	
64 n-Octane	43	17.382	17.377	0.005	87	379584	10.0	9.75	
A 65 C8 Range	1	17.382	(17.313-17.452)		0	1622140	NC	NC	
66 trans-1,3-Dichloropropene	75	17.548	17.553	-0.005	96	291238	10.0	11.1	
67 1,1,2-Trichloroethane	83	17.944	17.944	0.000	95	160068	10.0	10.0	
68 Tetrachloroethene	166	18.174	18.174	0.000	94	335810	10.0	10.0	
69 2-Hexanone	43	18.340	18.340	0.000	93	356409	10.0	10.5	
70 Chlorodibromomethane	129	18.714	18.720	-0.006	98	407773	10.0	9.95	
71 Ethylene Dibromide	107	18.971	18.976	-0.005	96	324196	10.0	10.0	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	89	503818	10.0	10.0	
74 Chlorobenzene	112	19.961	19.961	0.000	92	479712	10.0	9.74	
S 80 Xylenes, Total	106				0		30.0	29.9	
75 Ethylbenzene	91	20.148	20.148	0.000	100	831551	10.0	10.1	
76 m-Xylene & p-Xylene	106	20.399	20.405	-0.006	0	618080	20.0	20.0	
77 n-Nonane	57	20.431	20.437	-0.006	88	358877	10.0	9.85	
78 o-Xylene	106	21.106	21.111	-0.005	97	296056	10.0	9.97	
79 Styrene	104	21.138	21.138	0.000	99	494211	10.0	9.94	
81 Bromoform	173	21.459	21.459	0.000	95	346068	10.0	9.02	
82 Isopropylbenzene	105	21.726	21.726	0.000	99	995429	10.0	10.1	
83 1,1,2,2-Tetrachloroethane	83	22.186	22.186	0.000	97	405119	10.0	9.62	
84 1,2,3-Trichloropropane	75	22.288	22.288	0.000	92	358744	10.0	10.2	
85 N-Propylbenzene	91	22.384	22.384	0.000	98	1148514	10.0	10.1	
86 2-Chlorotoluene	91	22.534	22.539	-0.005	97	834928	10.0	10.2	
87 4-Ethyltoluene	105	22.566	22.566	0.000	98	1004383	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 1,3,5-Trimethylbenzene	105	22.652	22.652	0.000	91	869062	10.0	10.2	
89 n-Decane	57	22.657	22.662	-0.005	94	484010	10.0	9.96	
90 Alpha Methyl Styrene	118	22.962	22.962	0.000	86	408274	10.0	9.78	
91 tert-Butylbenzene	119	23.112	23.112	0.000	94	844589	10.0	10.2	
92 1,2,4-Trimethylbenzene	105	23.197	23.197	0.000	98	866788	10.0	10.3	
93 sec-Butylbenzene	105	23.433	23.433	0.000	97	1235749	10.0	10.2	
94 1,3-Dichlorobenzene	146	23.625	23.625	0.000	98	570757	10.0	10.0	
95 4-Isopropyltoluene	119	23.647	23.647	0.000	97	1102043	10.0	10.1	
96 1,4-Dichlorobenzene	146	23.775	23.775	0.000	92	566382	10.0	10.0	
97 Benzyl chloride	91	23.920	23.919	0.001	97	713445	10.0	9.82	
98 n-Butylbenzene	91	24.246	24.246	0.000	98	991441	10.0	10.2	
99 1,2-Dichlorobenzene	146	24.305	24.305	0.000	94	540232	10.0	9.91	
100 Undecane	57	24.380	24.380	0.000	93	529350	10.0	9.53	
101 Dodecane	57	26.124	26.124	0.000	91	499806	10.0	9.29	
102 1,2,4-Trichlorobenzene	180	27.022	27.022	0.000	94	492243	10.0	11.0	
103 Hexachlorobutadiene	225	27.290	27.295	-0.005	96	557196	10.0	10.9	
104 Naphthalene	128	27.573	27.573	0.000	99	942902	10.0	9.42	
105 1,2,3-Trichlorobenzene	180	28.055	28.055	0.000	95	414710	10.0	9.14	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Reagents:

ATTO15LCSW_00886	Amount Added: 200.00	Units: mL	
ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent

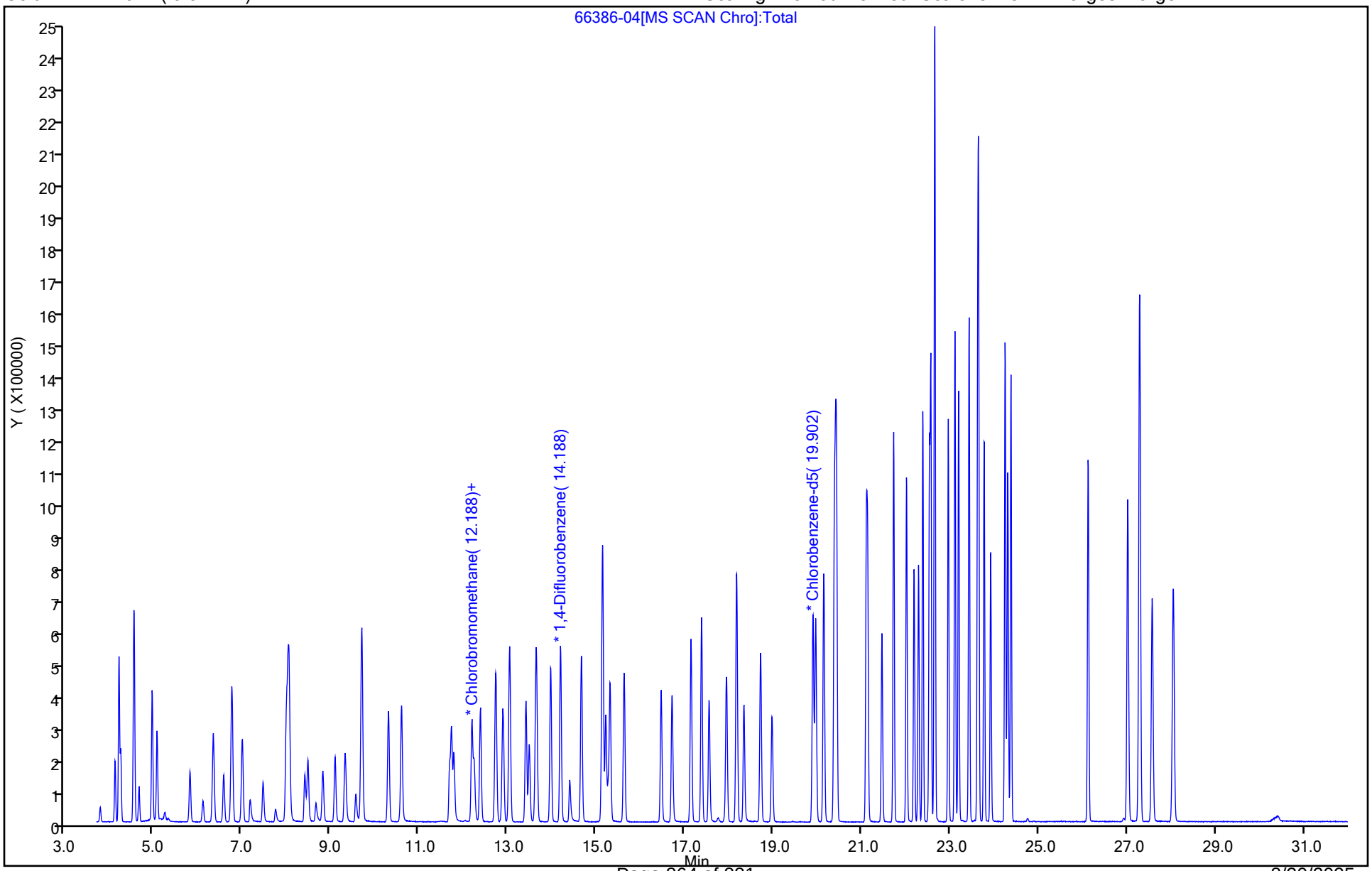
Report Date: 19-Aug-2025 09:18:16 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-04.d

Injection Date:	18-Aug-2025 09:47:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	lcs			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington

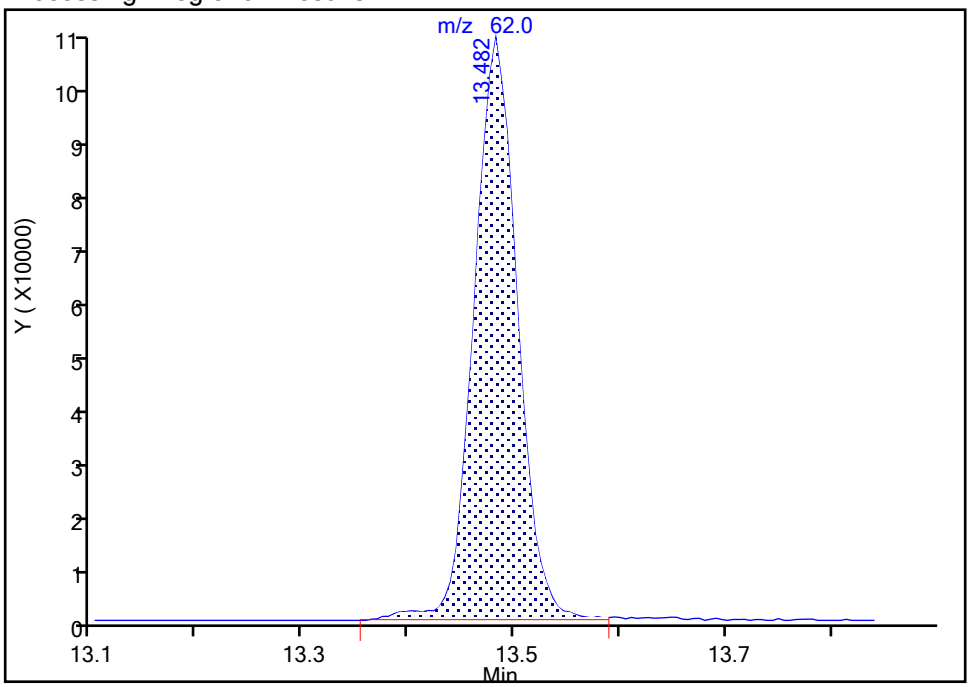
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250818-66386.b\66386-04.d				
Injection Date:	18-Aug-2025 09:47:30	Instrument ID:	CHW.i		
Lims ID:	lcs				
Client ID:					
Operator ID:	vtp	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

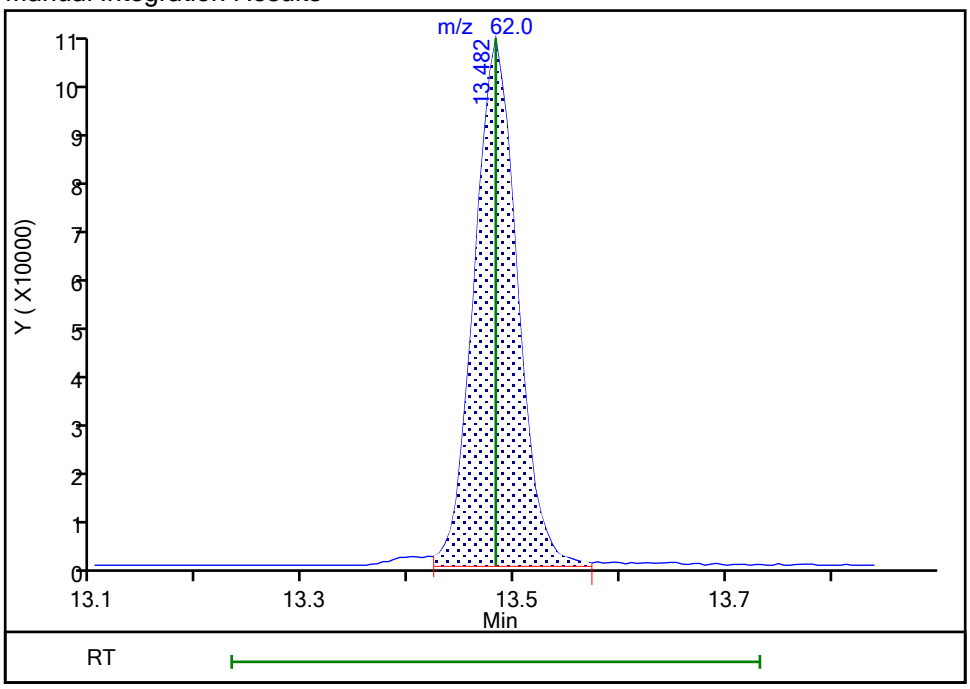
Processing Integration Results

RT: 13.48
Area: 312077
Amount: 11.434458
Amount Units: ppb v/v



Manual Integration Results

RT: 13.48
Area: 307227
Amount: 11.256754
Amount Units: ppb v/v



Reviewer: F7XK, 19-Aug-2025 09:16:06 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHAN.i Start Date: 08/04/2025 08:24

Analysis Batch Number: 218864 End Date: 08/04/2025 23:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-218864/1		08/04/2025 08:24	1	66192_001.D	RTX-624 0.32(mm)
IC 200-218864/2		08/04/2025 09:14	1	66192_002.D	RTX-624 0.32(mm)
IC 200-218864/4		08/04/2025 10:57	1	66192_004.D	RTX-624 0.32(mm)
IC 200-218864/5		08/04/2025 11:49	1	66192_005.D	RTX-624 0.32(mm)
IC 200-218864/6		08/04/2025 12:40	1	66192_006.D	RTX-624 0.32(mm)
ICIS 200-218864/7		08/04/2025 13:32	1	66192_007.D	RTX-624 0.32(mm)
ZZZZZ (Client)		08/04/2025 15:15	1		RTX-624 0.32(mm)
IC 200-218864/10		08/04/2025 16:06	1	66192_010.D	RTX-624 0.32(mm)
IC 200-218864/11		08/04/2025 16:57	1	66192_011.D	RTX-624 0.32(mm)
IC 200-218864/12		08/04/2025 17:49	1	66192_012.D	RTX-624 0.32(mm)
ICV 200-218864/16		08/04/2025 21:18	1	66192_016.D	RTX-624 0.32(mm)
ZZZZZ (Client)		08/04/2025 23:56	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHW.i Start Date: 08/11/2025 14:34

Analysis Batch Number: 219090 End Date: 08/12/2025 10:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-219090/2		08/11/2025 14:34	1	66295-02.d	RTX-624 0.32(mm)
IC 200-219090/6		08/11/2025 17:58	1	66295-06.d	RTX-624 0.32(mm)
IC 200-219090/7		08/11/2025 18:48	1	66295-07.d	RTX-624 0.32(mm)
ZZZZZ		08/11/2025 19:39	1		RTX-624 0.32(mm)
ZZZZZ		08/11/2025 20:31	1		RTX-624 0.32(mm)
ICIS 200-219090/10		08/11/2025 21:24	1	66295-10.d	RTX-624 0.32(mm)
IC 200-219090/11		08/11/2025 22:14	1	66295-11.d	RTX-624 0.32(mm)
IC 200-219090/15		08/12/2025 01:39	1	66295-15.d	RTX-624 0.32(mm)
IC 200-219090/16		08/12/2025 02:30	1	66295-16.d	RTX-624 0.32(mm)
ZZZZZ (Client)		08/12/2025 03:22	1		RTX-624 0.32(mm)
IC 200-219090/22		08/12/2025 08:04	1	66295-22.d	RTX-624 0.32(mm)
IC 200-219090/23		08/12/2025 09:55	1	66295-23.d	RTX-624 0.32(mm)
ICV 200-219090/24		08/12/2025 10:45	1	66295-24.d	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHAN.i Start Date: 08/15/2025 07:12

Analysis Batch Number: 219230 End Date: 08/16/2025 04:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-219230/1		08/15/2025 07:12	1	66362_001.D	RTX-624 0.32(mm)
CCVIS 200-219230/3		08/15/2025 08:50	1	66362_003.D	RTX-624 0.32(mm)
LCS 200-219230/4		08/15/2025 09:42	1	66362_004.D	RTX-624 0.32(mm)
MB 200-219230/5		08/15/2025 10:34	1	66362_005.D	RTX-624 0.32(mm)
ZZZZZ (Client)		08/15/2025 11:33	0.2		RTX-624 0.32(mm)
ZZZZZ (Client)		08/15/2025 12:24	1		RTX-624 0.32(mm)
ZZZZZ (Client)		08/15/2025 13:16	2		RTX-624 0.32(mm)
ZZZZZ (Client)		08/15/2025 14:07	8190		RTX-624 0.32(mm)
ZZZZZ (Client)		08/15/2025 14:59	102		RTX-624 0.32(mm)
ZZZZZ (Client)		08/15/2025 15:50	201		RTX-624 0.32(mm)
ZZZZZ (Client)		08/15/2025 16:42	12700		RTX-624 0.32(mm)
ZZZZZ (Client)		08/15/2025 17:33	3190		RTX-624 0.32(mm)
ZZZZZ (Client)		08/15/2025 18:25	2110		RTX-624 0.32(mm)
ZZZZZ (Client)		08/15/2025 20:59	2		RTX-624 0.32(mm)
ZZZZZ (Client)		08/15/2025 21:50	4		RTX-624 0.32(mm)
ZZZZZ (Client)		08/15/2025 22:41	15.4		RTX-624 0.32(mm)
ZZZZZ (Client)		08/15/2025 23:33	4000		RTX-624 0.32(mm)
ZZZZZ (Client)		08/16/2025 00:24	20000		RTX-624 0.32(mm)
ZZZZZ (Client)		08/16/2025 01:15	120000		RTX-624 0.32(mm)
200-78914-1	SVE_INF_20250814	08/16/2025 02:58	40	66362_024.D	RTX-624 0.32(mm)
200-78914-2	SVE_EFF_20250814	08/16/2025 03:50	20	66362_025.D	RTX-624 0.32(mm)
200-78914-3	SSDS_INF_20250814	08/16/2025 04:41	5	66362_026.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Instrument ID: CHW.i Start Date: 08/18/2025 07:15

Analysis Batch Number: 219284 End Date: 08/18/2025 14:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-219284/1		08/18/2025 07:15	1	66386-01.d	RTX-624 0.32(mm)
CCVIS 200-219284/3		08/18/2025 08:56	1	66386-03.d	RTX-624 0.32(mm)
LCS 200-219284/4		08/18/2025 09:47	1	66386-04.d	RTX-624 0.32(mm)
MB 200-219284/6		08/18/2025 11:29	1	66386-06.d	RTX-624 0.32(mm)
200-78914-3 DL	SSDS_INF_20250814 DL	08/18/2025 12:20	10	66386-07.d	RTX-624 0.32(mm)
ZZZZZ (Client)		08/18/2025 13:11	14900		RTX-624 0.32(mm)
ZZZZZ (Client)		08/18/2025 14:01	424		RTX-624 0.32(mm)
ZZZZZ (Client)		08/18/2025 14:52	17700		RTX-624 0.32(mm)

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Batch Number: 218864 Batch Start Date: 08/04/25 08:24 Batch Analyst: Bunma, Arthit 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ATTO15CAL2w 00359	ATTO15CAL3w 00287	ATTO15CAL4w 00835	ATTO15CAL5w 00154
BFB 200-218864/1		TO-15			200 mL	200 mL				
IC 200-218864/2		TO-15			200 mL	200 mL	14 mL			
IC 200-218864/4		TO-15			200 mL	200 mL	80 mL			
IC 200-218864/5		TO-15			200 mL	200 mL	170 mL			
IC 200-218864/6		TO-15			200 mL	200 mL		170 mL		
ICIS 200-218864/7		TO-15			200 mL	200 mL			200 mL	
IC 200-218864/10		TO-15			200 mL	200 mL				200 mL
IC 200-218864/11		TO-15			200 mL	200 mL				
IC 200-218864/12		TO-15			200 mL	200 mL				
ICV 200-218864/16		TO-15			200 mL	200 mL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ATTO15CAL6w 00244	ATTO15CAL7w 00154	ATTO15CISs 00012	ATTO15LCSW 00885		
BFB 200-218864/1		TO-15					20 mL			
IC 200-218864/2		TO-15					20 mL			
IC 200-218864/4		TO-15					20 mL			
IC 200-218864/5		TO-15					20 mL			
IC 200-218864/6		TO-15					20 mL			
ICIS 200-218864/7		TO-15					20 mL			
IC 200-218864/10		TO-15					20 mL			
IC 200-218864/11		TO-15			200 mL		20 mL			
IC 200-218864/12		TO-15				200 mL	20 mL			
ICV 200-218864/16		TO-15					20 mL	200 mL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Batch Number: 218864 Batch Start Date: 08/04/25 08:24 Batch Analyst: Bunma, Arthit 1

Batch Method: TO-15 Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Batch Number: 219090 Batch Start Date: 08/11/25 14:34 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ATTO15CAL1w 00277	ATTO15CAL2w 00359	ATTO15CAL4w 00835	ATTO15CAL5w 00154
BFB 200-219090/2		TO-15			200 mL	200 mL				
IC 200-219090/6		TO-15			200 mL	200 mL	35 mL			
IC 200-219090/7		TO-15			200 mL	200 mL	170 mL			
ICIS 200-219090/10		TO-15			200 mL	200 mL			200 mL	
IC 200-219090/11		TO-15			200 mL	200 mL				200 mL
IC 200-219090/15		TO-15			200 mL	200 mL				
IC 200-219090/16		TO-15			200 mL	200 mL				
IC 200-219090/22		TO-15			200 mL	200 mL		170 mL		
IC 200-219090/23		TO-15			200 mL	200 mL			85 mL	
ICV 200-219090/24		TO-15			200 mL	200 mL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ATTO15CAL6w 00244	ATTO15CAL7w 00154	ATTO15LCSW 00886	ATTO15WISs 00010		
BFB 200-219090/2		TO-15						20 mL		
IC 200-219090/6		TO-15						20 mL		
IC 200-219090/7		TO-15						20 mL		
ICIS 200-219090/10		TO-15						20 mL		
IC 200-219090/11		TO-15						20 mL		
IC 200-219090/15		TO-15			200 mL			20 mL		
IC 200-219090/16		TO-15				200 mL		20 mL		
IC 200-219090/22		TO-15						20 mL		
IC 200-219090/23		TO-15						20 mL		
ICV 200-219090/24		TO-15					200 mL	20 mL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Batch Number: 219090 Batch Start Date: 08/11/25 14:34 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Batch Number: 219230 Batch Start Date: 08/15/25 07:12 Batch Analyst: Bunma, Arthit 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ATTO15CAL4w 00835	ATTO15CISs 00012	ATTO15LCSW 00886	AnalysisComment
BFB 200-219230/1		TO-15			200 mL	200 mL		20 mL		
CCVIS 200-219230/3		TO-15			200 mL	200 mL	200 mL	20 mL		
LCS 200-219230/4		TO-15			200 mL	200 mL		20 mL	200 mL	
MB 200-219230/5		TO-15			200 mL	200 mL		20 mL		
200-78914-A-1	SVE_INF_20250813	TO-15	Air	T	50 mL	200 mL		20 mL		
200-78914-A-2	SVE_EFF_20250813	TO-15	Air	T	10 mL	200 mL		20 mL		
200-78914-A-3	SSDS_INF_20250813	TO-15	Air	T	40 mL	200 mL		20 mL		Isooctane exceeded calibration range.

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-78914-1

SDG No.:

Batch Number: 219284 Batch Start Date: 08/18/25 07:15 Batch Analyst: Bunma, Arthit 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ATTO15CAL4w 00835	ATTO15LCSW 00886	ATTO15WISs 00010	
BFB 200-219284/1		TO-15			200 mL	200 mL			20 mL	
CCVIS 200-219284/3		TO-15			200 mL	200 mL	200 mL		20 mL	
LCS 200-219284/4		TO-15			200 mL	200 mL		200 mL	20 mL	
MB 200-219284/6		TO-15			200 mL	200 mL			20 mL	
200-78914-A-3	SSDS_INF_20250813	TO-15	Air	T	20 mL	200 mL			20 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Lee Ann Heathcote

From: Lee Ann Heathcote
Sent: Wednesday, August 20, 2025 12:12 PM
To: Lee Ann Heathcote
Subject: RE: Question re 200-78914-1 1885 Atlantic Ave, Brooklyn, Soil Vapor

Verified Sender: This email is from an internal and/or verified domain which passed security verifications. Remember to still be cautious with personal data and follow company policies.

From: Forshay, Matt <MForshay@haleyaldrich.com>
Sent: Wednesday, August 20, 2025 10:58 AM
To: Lee Ann Heathcote <LeeAnn.Heathcote@et.eurofinsus.com>
Cc: Munz, Keila <KMunz@haleyaldrich.com>; Chatterton, Kelly <KChatterton@haleyaldrich.com>
Subject: RE: Question re 200-78914-1 1885 Atlantic Ave, Brooklyn, Soil Vapor

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi Lee Ann,

Please revise the sample IDs as follows:

- SVE_INF_2025081**3** to SVE_INF_2025081**4**
- SVE_EFF_2025081**3** to SVE_EFF_2025081**4**
- SSDS_INF_2025081**3** to SSDS_INF_2025081**4**

Let me know if you need anything else.

Matthew Forshay, P.E. (NJ, NY)
Assistant Project Manager

Haley & Aldrich, Inc.
299 Cherry Hill Road | Suite 303
Parsippany, New Jersey 07054

C: (862) 377-3587

www.haleyaldrich.com

From: Lee Ann Heathcote <LeeAnn.Heathcote@et.eurofinsus.com>
Sent: Wednesday, August 20, 2025 11:57 AM
To: Forshay, Matt <MForshay@haleyaldrich.com>
Subject: Question re 200-78914-1 1885 Atlantic Ave, Brooklyn, Soil Vapor

CAUTION: External Email

Hi Matt,
Do you need to revise these sample IDs to be “0814” instead of “813” to match the sampling date?

Thanks,

Lee Ann Heathcote
Project Manager

Eurofins Environment Testing America - Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403

Direct Line: (802) 923-1028
Main Lab: (802) 660-1990

E-Mail: LeeAnn.Heathcote@ET.EurofinsUS.com

www.EurofinsUS.com/Env

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone 732-549-3900 Fax 732-549-3679

Chain of Custody Record

eurofins

200-78914 Chain of Custody

Client Information	Sampler: Xavier Richards XCR	Lab PM: Flannery, Elizabeth	COC No: 460-198232-129727 1
Client Contact: Matthew Levy	Phone	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin	Page: Page 1 of 1
Company: Haley & Aldrich, Inc	PWSID		Job #:
Address: 213 West 35th Street, 7th Floor	Due Date Requested:		
City: New York	TAT Requested (days): standard		
State, Zip: NY, 10001	Compliance Project: Δ Yes Δ No		
Phone: 646-893-4733(Tel)	PO #: 0205125		
Email: MLevy@haleyaldrich.com	WO #:		
Project Name: 1885 Atlantic Avenue, Brooklyn	Project #: 46041610		
Site	SSOW#:		

Analysis Requested

Preservation Codes: A - HCL

Other: NYC 222

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D_TCLPart375VOC	TO-15	Total Number of containers	Special Instructions/Note:
Soil Vapor				Preservation Code:			X			
SUE_INF_20250813	8/14/25	11:35	G	Water A				X		(2) 1 L Tedlar Bag
SUE_EFF_20250813	8/14/25	11:45	G	Water A				X		(2) 1L Tedlar Bag
~~SSDS_INF_20250813~~ 2cn	~~8/14/25~~	~~12:00~~	~~G~~	~~Water A~~				~~X~~		~~(2) 1 L Tedlar Bag~~
SSDS_INF_20250813	8/14/25	12:00	G	Water A				X		(2) 1 L Tedlar Bag
				~~Water~~						
				~~Water~~						
				~~Water~~						
				~~Water~~						
				~~Water~~						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Xavier Richards XRichards	8/14/25	H&A		8/15/25 12:45	Eul
Relinquished by	Date/Time 8/15/25 1700	Company EurU	Received by:	Date/Time 8/15/2025 0940	Company ETA BUN
Relinquished by:	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver 10/10/2024

8/20/2025 2:57:54 PM

ORIGIN ID:NYSM (646) 745-0906
TESTAMERICA NYC
TEST AMERICA
47-32 32ND PLACE,
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE: 14AUG25
ACTWGT: 5.00 LB
CAD: 112977992/INET4535
DIMS: 12x12x12 IN

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403
(802) 923-1026
INV
PO
REF
DEPT.

580J4/A855/59F2

FedEx Express

J2530250623O1uv

TRK# 0201 **8835 7562 5272**

FRI - 15 AUG 10:30A
PRIORITY OVERNIGHT

NS BRLTG

BTVA 05403
VT-US BTV

After printing this label
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
1 Fold the printed page along the horizontal line
2 Place label in shipping pouch and affix it to your shipment

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 200-78914-1

Login Number: 78914
List Number: 1
Creator: Devarney, Hilary

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2509420

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Project Name: 1885 ATLANTIC AVE
Project Number: 0205125

Lab Number: L2509420
Report Date: 02/28/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2509420-01	SVE-INF	SOIL_VAPOR	1885 ATLANTIC AVE, BK, NY	02/20/25 12:35	02/20/25
L2509420-02	GAC-2-EFF	SOIL_VAPOR	1885 ATLANTIC AVE, BK, NY	02/20/25 12:55	02/20/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Volatile Organics in Air

L2509420-01D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2509420-01D and -02D: Samples were transferred from a Tedlar bag into a fused silica lined canister upon receipt in order to extend the holding time for analysis.

L2509420-01D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2509420-02D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2509420-02D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG2034926-3 LCS recovery associated with L2509420-01D2, -01D, -02D2, and -02D is above the upper 130% acceptance limit for vinyl acetate (66%). All samples associated with this LCS that have reportable amounts of this analyte will report it with low bias.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J Anderson Report Date: 02/28/25

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

ND or U - Not detected at the reporting limit (RL) for the sample.

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Pace Job Number : L2509420

Account Name : Haley & Aldrich
Project Number : 0205125
Project Name : 1885 ATLANTIC AVE

Received : 20-FEB-2025
Reviewer : Christopher J Anderson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Feb 28 2025, 03:40 pm

Login Number: L2509420
Account: HALEY-NYC Haley & AldrichProject: 0205125
Received: 20FEB25 Due Date: 27FEB25

Sample #	Client ID	Mat	PR	Collected
L2509420-01	SVE-INF	11	S0	20FEB25 12:35
| ASP-B Package Due Date: 02/27/25				
ASP-B,TEDLAR-POLY5,TO15-LL				
L2509420-02	GAC-2-EFF	11	S0	20FEB25 12:55
| Package Due Date: 02/27/25				
TEDLAR-POLY5,TO15-LL				

Logged By: Tyler Hatch

AIR ANALYSIS
CHAIN OF CUSTODY

Page 1 of 1

Date Rec'd in Lab: 2/22/25

ALPHA Job #: L2509420

ALPHA Analytical
Westborough, MA TEL: 508-898-9220 FAX: 508-822-3288
Mansfield, MA TEL: 508-822-9300 508-822-3288

H&A Information
H&A Client: M&A of New York
H&A Address: 213 W 35th St FL 7 FL, W4, 10001
H&A Phone: 9736583904
H&A Fax:
H&A Email: Mforshat@haleyaldrich.com

Project Information
Project Name: 1885 Atlantic Ave
Project Location: 1885 Atlantic Ave, Bx, NY
Project #: 020525
(Use Project name as Project #)
Project Manager: Matt Forshat
ALPHA Quote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ Time:

These samples have been previously analyzed by Alpha ☐

Report Information - Data Deliverables
☐ FAX
☑ ADEx
Criteria Checker:
Other Formats:
☑ EMAIL
☐ Add'l Deliverables

Report to: (if different than Project Manager)

Billing Information
☐ Same as Client Info
PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/ Comments/Detection Limits

Mforshat@haleyaldrich.com

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection: End Date	Start Time	End Time	Initial Vac	Final Vac	Sample Matrix*	Sampler Initials	Can Size	Can ID	Flow Controller ID	ANALYSIS: TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans - TO-15			Sample Comments (i.e. PID)
09420-01	SVE-1 DF	2/20/25	1235	-			SV	NSm		-	-	X							5L tedlar bag
02	GAL-2-EFF	2/20/25	1255	-			SV	NSm		-	-	X							5L tedlar bag

* SAMPLE MATRIX CODES: AA = Ambient Air (Indoor/Outdoor); SV = Soil Vapor/Landfill Gas/SVE; Other = Please Specify

Container Type: T | - | - | - | - | | |

Relinquished By:	Date/Time	Received By:	Date/Time
Calvin Jackson	2/20/25 1452	WIFI Pace	2/20/25 1452
WIFI Pace	2/20/25 1900		
	2/21/25		2/21/25 16:40
	2/22/25 0100		2/22/25 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2022-24-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 22001 Rev 3 (11/22/2021)

Supporting Documentation

Project Name: 1885 ATLANTIC AVE

Project Number: 0205125

Lab Number: L2509420

Report Date: 02/28/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD

Organics

Volatile Organics in Air
TO-15 Low Level

Volatiles QC Summary

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2509420
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2034926-3	**Analysis Date** : 02/27/25 12:45	**File ID** : r438836
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Dichlorodifluoromethane	10	9.34	93				-	70-130	-
Chloromethane	10	8.86	89				-	70-130	-
Freon-114	10	10.2	102				-	70-130	-
Vinyl chloride	10	9.31	93				-	70-130	-
1,3-Butadiene	10	11.1	111				-	70-130	-
Bromomethane	10	10.2	102				-	70-130	-
Chloroethane	10	8.95	90				-	70-130	-
Ethanol	50	43.3	87				-	40-160	-
Vinyl bromide	10	10.5	105				-	70-130	-
Acetone	50	53.5	107				-	40-160	-
Trichlorofluoromethane	10	9.17	92				-	70-130	-
Isopropanol	25	23.2	93				-	40-160	-
1,1-Dichloroethene	10	9.45	94				-	70-130	-
Tertiary butyl Alcohol	10	8.66	87				-	70-130	-
Methylene chloride	10	9.83	98				-	70-130	-
3-Chloropropene	10	9.15	92				-	70-130	-
Carbon disulfide	10	10.6	106				-	70-130	-
Freon-113	10	9.37	94				-	70-130	-
trans-1,2-Dichloroethene	10	10.2	102				-	70-130	-
1,1-Dichloroethane	10	8.74	87				-	70-130	-
Methyl tert butyl ether	10	10.4	104				-	70-130	-
2-Butanone	10	9.94	99				-	70-130	-
cis-1,2-Dichloroethene	10	8.90	89				-	70-130	-
Ethyl Acetate	10	8.32	83				-	70-130	-
Chloroform	10	9.44	94				-	70-130	-
Tetrahydrofuran	10	10.9	109				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2509420
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2034926-3	**Analysis Date** : 02/27/25 12:45	**File ID** : r438836
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
1,2-Dichloroethane	10	8.52	85				-	70-130	-
n-Hexane	10	12.6	126				-	70-130	-
1,1,1-Trichloroethane	10	10.8	108				-	70-130	-
Benzene	10	10.1	101				-	70-130	-
Carbon tetrachloride	10	10.6	106				-	70-130	-
Cyclohexane	10	12.2	122				-	70-130	-
1,2-Dichloropropane	10	9.87	99				-	70-130	-
Bromodichloromethane	10	12.4	124				-	70-130	-
1,4-Dioxane	10	12.1	121				-	70-130	-
Trichloroethene	10	10.3	103				-	70-130	-
2,2,4-Trimethylpentane	10	12.5	125				-	70-130	-
Heptane	10	11.9	119				-	70-130	-
cis-1,3-Dichloropropene	10	10.8	108				-	70-130	-
4-Methyl-2-pentanone	10	11.5	115				-	70-130	-
trans-1,3-Dichloropropene	10	11.3	113				-	70-130	-
1,1,2-Trichloroethane	10	10.2	102				-	70-130	-
Toluene	10	9.91	99				-	70-130	-
2-Hexanone	10	11.0	110				-	70-130	-
Dibromochloromethane	10	12.0	120				-	70-130	-
1,2-Dibromoethane	10	10.2	102				-	70-130	-
Tetrachloroethene	10	10.2	102				-	70-130	-
Chlorobenzene	10	10.0	100				-	70-130	-
Ethylbenzene	10	9.95	100				-	70-130	-
p/m-Xylene	20	20.5	102				-	70-130	-
Bromoform	10	12.0	120				-	70-130	-
Styrene	10	10.1	101				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich			**Lab Number**	: L2509420
Project Name	: 1885 ATLANTIC AVE			**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)				
LCS Sample ID	: WG2034926-3	**Analysis Date**	: 02/27/25 12:45	**File ID**	: r438836
LCSD Sample ID	:	**Analysis Date**	:	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
1,1,2,2-Tetrachloroethane	10	10.4	104				-	70-130	-
o-Xylene	10	10.5	105				-	70-130	-
4-Ethyltoluene	10	11.1	111				-	70-130	-
1,3,5-Trimethylbenzene	10	8.53	85				-	70-130	-
1,2,4-Trimethylbenzene	10	9.97	100				-	70-130	-
Benzyl chloride	10	9.22	92				-	70-130	-
1,3-Dichlorobenzene	10	10.1	101				-	70-130	-
1,4-Dichlorobenzene	10	9.83	98				-	70-130	-
1,2-Dichlorobenzene	10	9.40	94				-	70-130	-
1,2,4-Trichlorobenzene	10	7.67	77				-	70-130	-
Naphthalene	10	7.13	71				-	70-130	-
Hexachlorobutadiene	10	8.35	84				-	70-130	-

Method Blank Summary
Form 4
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2509420
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Lab Sample ID	: WG2034926-4	**Lab File ID**	: r438838
Instrument ID	: AIRPIANO4		
Matrix	: AIR	**Analysis Date**	: 02/27/25 16:45

Client Sample No.	Lab Sample ID	Analysis Date
WG2034926-3LCS	WG2034926-3	02/27/25 12:45
OLINVILLE-IA-B06DUP	WG2034926-5	02/27/25 23:10
GAC-2-EFF	L2509420-02D	02/28/25 06:09
SVE-INF	L2509420-01D	02/28/25 06:46
GAC-2-EFF	L2509420-02D2	02/28/25 08:22
SVE-INF	L2509420-01D2	02/28/25 08:57

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2509420
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Instrument ID	: AIRPIANO4	**Analysis Date**	: 02/23/25 21:02
Tune Standard	: WG2034843-1	**Tune File ID**	: r438751_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	12.1
75	30.0 - 66.0% of mass 95	33
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.4 (.5)1
174	50.0 - 120.0% of mass 95	69.7
175	4.0 - 9.0% of mass 174	4.9 (7.1)1
176	93.0 - 101% of mass 174	67.7 (97.1)1
177	5.0 - 9.0% of mass 176	4.4 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.2	R1935250-1	R438755	02/23/25 23:29
STD0.5	R1935250-2	R438756	02/24/25 00:08
STD1.0	R1935250-3	R438757	02/24/25 00:49
STD5.0	R1935250-4	R438758	02/24/25 01:27
STD010	R1935250-5	R438759	02/24/25 02:08
STD020	R1935250-6	R438760	02/24/25 02:45
STD050	R1935250-7	R438761	02/24/25 03:24
STD100	R1935250-8	R438762	02/24/25 04:05
ICV Quant Report	R1935250-9	R438765	02/24/25 10:20

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2509420
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Instrument ID	: AIRPIANO4	**Analysis Date**	: 02/27/25 11:22
Tune Standard	: WG2034926-1	**Tune File ID**	: r438834_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	13.4
75	30.0 - 66.0% of mass 95	35.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.5 (.7)1
174	50.0 - 120.0% of mass 95	71.6
175	4.0 - 9.0% of mass 174	5 (7)1
176	93.0 - 101% of mass 174	68.8 (96.1)1
177	5.0 - 9.0% of mass 176	4.5 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2034926-2CCAL	WG2034926-2	R438836	02/27/25 12:45
WG2034926-3LCS	WG2034926-3	R438836	02/27/25 12:45
WG2034926-4BLANK	WG2034926-4	R438838	02/27/25 16:45
WG2034926-5DUP	WG2034926-5	R438848	02/27/25 23:10
GAC-2-EFF	L2509420-02D	R438859	02/28/25 06:09
SVE-INF	L2509420-01D	R438860	02/28/25 06:46
GAC-2-EFF	L2509420-02D2	R438861	02/28/25 08:22
SVE-INF	L2509420-01D2	R438862	02/28/25 08:57

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2509420
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Instrument ID	: AIRPIANO4	**Analysis Date**	: 02/27/25 12:45:00
Sample No	: WG2034926-2	**Lab File ID**	: R438836

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG2034926-2	343689	9.26	926999	11.47	152882	16.14
Upper Limit	481165	9.59	1297799	11.80	214035	16.47
Lower Limit	206213	8.93	556199	11.14	91729	15.81
Sample ID						
WG2034926-3 LCS	343689	9.26	926999	11.47	152882	16.14
WG2034926-4 BLANK	321758	9.26	1000941	11.48	161752	16.15
OLINVILLE-IA-B06 DUP	337020	9.26	933174	11.48	164417	16.15
GAC-2-EFF	354929	9.26	1070349	11.48	179397	16.15
SVE-INF	353885	9.26	1005850	11.48	179343	16.16
GAC-2-EFF	322186	9.26	924249	11.48	149877	16.15
SVE-INF	319914	9.26	944449	11.47	161779	16.14

Area Upper Limit = +40% of internal standard area
Area Lower Limit = - 40% of internal standard area

RT Upper Limit = +0.33 minutes of internal standard RT
RT Lower Limit = -0.33 minutes of internal standard RT

* Values outside of QC limits

Date Created: 01/09/24
Created By: Jason Hebert
File: PM15856-1
Page: 1

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Canister - 2.7 Liter

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,1,1-Trichloroethane	71-55-6	0.2	0.0614	ppbV	70-130			25	25			
1,1,2,2-Tetrachloroethane	79-34-5	0.2	0.052	ppbV	70-130			25	25			
1,1,2-Trichloroethane	79-00-5	0.2	0.0582	ppbV	70-130			25	25			
1,1-Dichloroethane	75-34-3	0.2	0.0568	ppbV	70-130			25	25			
1,1-Dichloroethene	75-35-4	0.2	0.0568	ppbV	70-130			25	25			
1,2,3-Trimethylbenzene	526-73-8	0.2	0.0576	ppbV	70-130			25	25			
1,2,4-Trichlorobenzene	120-82-1	0.2	0.1	ppbV	70-130			25	25			
1,2,4-Trimethylbenzene	95-63-6	0.2	0.0577	ppbV	70-130			25	25			
1,2,4,5-Tetramethylbenzene	95-93-2	0.2	0.135	ppbV	70-130			25	25			
1,2-Dibromoethane	106-93-4	0.2	0.0544	ppbV	70-130			25	25			
1,2-Dichlorobenzene	95-50-1	0.2	0.0619	ppbV	70-130			25	25			
1,2-Dichloroethane	107-06-2	0.2	0.0787	ppbV	70-130			25	25			
1,2-Dichloropropane	78-87-5	0.2	0.0631	ppbV	70-130			25	25			
1,3,5-Trimethylbenzene	108-67-8	0.2	0.06	ppbV	70-130			25	25			
1,3-Butadiene	106-99-0	0.2	0.0619	ppbV	70-130			25	25			
1,3-Dichlorobenzene	541-73-1	0.2	0.0777	ppbV	70-130			25	25			
1,4-Dichlorobenzene	106-46-7	0.2	0.0826	ppbV	70-130			25	25			
1,4-Dioxane	123-91-1	0.2	0.0538	ppbV	70-130			25	25			
2,2,4-Trimethylpentane	540-84-1	0.2	0.0692	ppbV	70-130			25	25			
2-Butanone	78-93-3	0.5	0.099	ppbV	70-130			25	25			
2-Hexanone	591-78-6	0.2	0.0912	ppbV	70-130			25	25			
2-Methylthiophene	554-14-3	0.2	0.0622	ppbV	70-130			25	25			
3-Methylthiophene	616-44-4	0.2	0.0634	ppbV	70-130			25	25			
3-Chloropropene	107-05-1	0.2	0.086	ppbV	70-130			25	25			
2-Ethylthiophene	872-55-9	0.2	0.0612	ppbV	70-130			25	25			
4-Ethyltoluene	622-96-8	0.2	0.0554	ppbV	70-130			25	25			
Acetone	67-64-1	1	0.515	ppbV	40-160			25	25			
Benzene	71-43-2	0.2	0.0643	ppbV	70-130			25	25			
Benzyl chloride	100-44-7	0.2	0.0939	ppbV	70-130			25	25			
Benzothiophene	95-15-8	0.5	0.273	ppbV	70-130			25	25			
Bromodichloromethane	75-27-4	0.2	0.0689	ppbV	70-130			25	25			
Bromoform	75-25-2	0.2	0.0596	ppbV	70-130			25	25			
Bromomethane	74-83-9	0.2	0.0547	ppbV	70-130			25	25			
Carbon disulfide	75-15-0	0.2	0.0465	ppbV	70-130			25	25			
Carbon tetrachloride	56-23-5	0.2	0.0686	ppbV	70-130			25	25			
Chlorobenzene	108-90-7	0.2	0.0516	ppbV	70-130			25	25			
Chloroethane	75-00-3	0.2	0.0649	ppbV	70-130			25	25			
Chloroform	67-66-3	0.2	0.0552	ppbV	70-130			25	25			
Chloromethane	74-87-3	0.2	0.0576	ppbV	70-130			25	25			
cis-1,2-Dichloroethene	156-59-2	0.2	0.0595	ppbV	70-130			25	25			
cis-1,3-Dichloropropene	10061-01-5	0.2	0.0674	ppbV	70-130			25	25			
Cyclohexane	110-82-7	0.2	0.0728	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of the laboratory.

Date Created: 01/09/24
Created By: Jason Hebert
File: PM15856-1

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Canister - 2.7 Liter

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibromochloromethane	124-48-1	0.2	0.0566	ppbV	70-130			25	25			
Dichlorodifluoromethane	75-71-8	0.2	0.0757	ppbV	70-130			25	25			
Ethyl Alcohol	GCDAI06	5	1.74	ppbV	40-160			25	25			
Ethyl Acetate	141-78-6	0.5	0.297	ppbV	70-130			25	25			
Ethylbenzene	100-41-4	0.2	0.0575	ppbV	70-130			25	25			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	0.2	0.0506	ppbV	70-130			25	25			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	0.2	0.0504	ppbV	70-130			25	25			
Hexachlorobutadiene	87-68-3	0.2	0.0607	ppbV	70-130			25	25			
iso-Propyl Alcohol	67-63-0	0.5	0.272	ppbV	40-160			25	25			
Methylene chloride	75-09-2	0.5	0.125	ppbV	70-130			25	25			
4-Methyl-2-pentanone	108-10-1	0.5	0.19	ppbV	70-130			25	25			
Methyl tert butyl ether	1634-04-4	0.2	0.045	ppbV	70-130			25	25			
Methyl Methacrylate	80-62-6	0.5	0.226	ppbV	40-160			25	25			
p/m-Xylene	179601-23-1	0.4	0.125	ppbV	70-130			25	25			
o-Xylene	95-47-6	0.2	0.0621	ppbV	70-130			25	25			
Xylene (Total)	1330-20-7	0.2	0.0621	ppbV				25	25			
Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Hexane	110-54-3	0.2	0.0743	ppbV	70-130			25	25			
Propylene	115-07-1	0.5	0.135	ppbV	70-130			25	25			
Styrene	100-42-5	0.2	0.0596	ppbV	70-130			25	25			
Tetrachloroethene	127-18-4	0.2	0.0627	ppbV	70-130			25	25			
Thiophene	110-02-1	0.2	0.052	ppbV	70-130			25	25			
Tetrahydrofuran	109-99-9	0.5	0.117	ppbV	70-130			25	25			
Toluene	108-88-3	0.2	0.0867	ppbV	70-130			25	25			
trans-1,2-Dichloroethene	156-60-5	0.2	0.0755	ppbV	70-130			25	25			
1,2-Dichloroethene (total)	540-59-0	0.2	0.0595	ppbV				25	25			
trans-1,3-Dichloropropene	10061-02-6	0.2	0.0783	ppbV	70-130			25	25			
1,3-Dichloropropene, Total	542-75-6	0.2	0.0674	ppbV				25	25			
Trichloroethene	79-01-6	0.2	0.0548	ppbV	70-130			25	25			
Trichlorofluoromethane	75-69-4	0.2	0.0787	ppbV	70-130			25	25			
Vinyl acetate	108-05-4	1	0.323	ppbV	70-130			25	25			
Vinyl bromide	593-60-2	0.2	0.0722	ppbV	70-130			25	25			
Vinyl chloride	75-01-4	0.2	0.0582	ppbV	70-130			25	25			
Naphthalene	91-20-3	0.2	0.078	ppbV	70-130			25	25			
Total HC As Hexane	NONE	10	0.0743	ppbV	70-130			25	25			
Total VOCs As Toluene	NONE	10	0.0867	ppbV	70-130			25	25			
Propane	74-98-6	0.5	0.152	ppbV	70-130			25	25			
Acrylonitrile	107-13-1	0.5	0.0894	ppbV	70-130			25	25			
Acrolein	107-02-8	0.5	0.149	ppbV	60-113			25	25			
1,1,1,2-Tetrachloroethane	630-20-6	0.2	0.0508	ppbV	70-130			25	25			
Isopropylbenzene	98-82-8	0.2	0.0621	ppbV	70-130			25	25			

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Created By: Jason Hebert
File: PM15856-1
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Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Canister - 2.7 Liter

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,2,3-Trichloropropane	96-18-4	0.2	0.0575	ppbV	70-130			25	25			
Acetonitrile	75-05-8	0.2	0.101	ppbV	70-130			25	25			
Bromobenzene	108-86-1	0.2	0.0579	ppbV	70-130			25	25			
Chlorodifluoromethane	75-45-6	0.2	0.0463	ppbV	70-130			25	25			
Dichlorofluoromethane	75-43-4	0.2	0.112	ppbV	70-130			25	25			
Dibromomethane	74-95-3	0.2	0.0598	ppbV	70-130			25	25			
Pentane	109-66-0	0.2	0.113	ppbV	70-130			25	25			
Octane	111-65-9	0.2	0.0676	ppbV	70-130			25	25			
Tertiary-Amyl Methyl Ether	994-05-8	0.2	0.0672	ppbV	70-130			25	25			
o-Chlorotoluene	95-49-8	0.2	0.0761	ppbV	70-130			25	25			
p-Chlorotoluene	106-43-4	0.2	0.0765	ppbV	70-130			25	25			
2,2-Dichloropropane	594-20-7	0.2	0.0429	ppbV	70-130			25	25			
1,1-Dichloropropene	563-58-6	0.2	0.0593	ppbV	70-130			25	25			
Isopropyl Ether	108-20-3	0.2	0.0631	ppbV	70-130			25	25			
Ethyl-Tert-Butyl-Ether	637-92-3	0.2	0.0731	ppbV	70-130			25	25			
1,2,3-Trichlorobenzene	87-61-6	0.2	0.0738	ppbV	70-130			25	25			
Ethyl ether	60-29-7	0.2	0.0853	ppbV	70-130			25	25			
n-Butylbenzene	104-51-8	0.2	0.0536	ppbV	70-130			25	25			
sec-Butylbenzene	135-98-8	0.2	0.0547	ppbV	70-130			25	25			
tert-Butylbenzene	98-06-6	0.2	0.0551	ppbV	70-130			25	25			
1,2-Dibromo-3-chloropropane	96-12-8	0.2	0.0624	ppbV	70-130			25	25			
p-Isopropyltoluene	99-87-6	0.2	0.0567	ppbV	70-130			25	25			
n-Propylbenzene	103-65-1	0.2	0.0633	ppbV	70-130			25	25			
1,3-Dichloropropane	142-28-9	0.2	0.0536	ppbV	70-130			25	25			
Methanol	67-56-1	5	3.029	ppbV	70-130			25	25			
Acetaldehyde	75-07-0	2.5	1.73	ppbV	70-130			25	25			
Butane	106-97-8	0.2	0.08	ppbV	70-130			25	25			
Nonane (C9)	111-84-2	0.2	0.0737	ppbV	70-130			25	25			
Decane (C10)	124-18-5	0.2	0.0697	ppbV	70-130			25	25			
Undecane	1120-21-4	0.2	0.0709	ppbV	70-130			25	25			
Indane	496-11-7	0.2	0.0591	ppbV	70-130			25	25			
Indene	95-13-6	0.2	0.0711	ppbV	70-130			25	25			
1-Methylnaphthalene	90-12-0	1	0.264	ppbV	70-130			25	25			
Dodecane (C12)	112-40-3	0.2	0.0891	ppbV	70-130			25	25			
Butyl Acetate	123-86-4	0.5	0.208	ppbV	70-130			25	25			
tert-Butyl Alcohol	75-65-0	0.5	0.132	ppbV	70-130			25	25			
2-Methylnaphthalene	91-57-6	1	0.259	ppbV	70-130			25	25			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
Bromofluorobenzene	*460-00-4*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of the laboratory.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2509420
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2509420-01D	Date Collected	: 02/20/25 12:35
Client ID	: SVE-INF	Date Received	: 02/20/25
Sample Location	: 1885 ATLANTIC AVE, BK, NY	Date Analyzed	: 02/28/25 06:46
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 8.333
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R438860	Instrument ID	: AIRPIANO4
Sample Amount	: 30.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	1.67	--	ND	8.26	--	U
74-87-3	Chloromethane	ND	1.67	--	ND	3.45	--	U
76-14-2	Freon-114	ND	1.67	--	ND	11.7	--	U
75-01-4	Vinyl chloride	ND	1.67	--	ND	4.27	--	U
106-99-0	1,3-Butadiene	ND	1.67	--	ND	3.69	--	U
74-83-9	Bromomethane	ND	1.67	--	ND	6.48	--	U
75-00-3	Chloroethane	ND	1.67	--	ND	4.41	--	U
64-17-5	Ethanol	ND	41.7	--	ND	78.6	--	U
593-60-2	Vinyl bromide	ND	1.67	--	ND	7.30	--	U
67-64-1	Acetone	ND	8.33	--	ND	19.8	--	U
75-69-4	Trichlorofluoromethane	ND	1.67	--	ND	9.38	--	U
67-63-0	Isopropanol	ND	8.33	--	ND	20.5	--	U
75-35-4	1,1-Dichloroethene	ND	1.67	--	ND	6.62	--	U
75-65-0	Tertiary butyl Alcohol	ND	4.17	--	ND	12.6	--	U
75-09-2	Methylene chloride	ND	4.17	--	ND	14.5	--	U
107-05-1	3-Chloropropene	ND	1.67	--	ND	5.23	--	U
75-15-0	Carbon disulfide	ND	1.67	--	ND	5.20	--	U
76-13-1	Freon-113	ND	1.67	--	ND	12.8	--	U
156-60-5	trans-1,2-Dichloroethene	ND	1.67	--	ND	6.62	--	U
75-34-3	1,1-Dichloroethane	ND	1.67	--	ND	6.76	--	U
1634-04-4	Methyl tert butyl ether	ND	1.67	--	ND	6.02	--	U
78-93-3	2-Butanone	ND	4.17	--	ND	12.3	--	U
156-59-2	cis-1,2-Dichloroethene	ND	1.67	--	ND	6.62	--	U
141-78-6	Ethyl Acetate	ND	4.17	--	ND	15.0	--	U
67-66-3	Chloroform	ND	1.67	--	ND	8.16	--	U
109-99-9	Tetrahydrofuran	ND	4.17	--	ND	12.3	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2509420
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2509420-01D	Date Collected	: 02/20/25 12:35
Client ID	: SVE-INF	Date Received	: 02/20/25
Sample Location	: 1885 ATLANTIC AVE, BK, NY	Date Analyzed	: 02/28/25 06:46
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 8.333
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R438860	Instrument ID	: AIRPIANO4
Sample Amount	: 30.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	1.67	--	ND	6.76	--	U
110-54-3	n-Hexane	854	1.67	--	3010	5.89	--	E
71-55-6	1,1,1-Trichloroethane	ND	1.67	--	ND	9.11	--	U
71-43-2	Benzene	114	1.67	--	364	5.34	--	
56-23-5	Carbon tetrachloride	ND	1.67	--	ND	10.5	--	U
110-82-7	Cyclohexane	153	1.67	--	527	5.75	--	
78-87-5	1,2-Dichloropropane	ND	1.67	--	ND	7.72	--	U
75-27-4	Bromodichloromethane	ND	1.67	--	ND	11.2	--	U
123-91-1	1,4-Dioxane	ND	1.67	--	ND	6.02	--	U
79-01-6	Trichloroethene	ND	1.67	--	ND	8.97	--	U
540-84-1	2,2,4-Trimethylpentane	456	1.67	--	2130	7.80	--	
142-82-5	Heptane	331	1.67	--	1360	6.84	--	
10061-01-5	cis-1,3-Dichloropropene	ND	1.67	--	ND	7.58	--	U
108-10-1	4-Methyl-2-pentanone	ND	4.17	--	ND	17.1	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.67	--	ND	7.58	--	U
79-00-5	1,1,2-Trichloroethane	ND	1.67	--	ND	9.11	--	U
108-88-3	Toluene	340	1.67	--	1280	6.29	--	
591-78-6	2-Hexanone	ND	1.67	--	ND	6.84	--	U
124-48-1	Dibromochloromethane	ND	1.67	--	ND	14.2	--	U
106-93-4	1,2-Dibromoethane	ND	1.67	--	ND	12.8	--	U
127-18-4	Tetrachloroethene	ND	1.67	--	ND	11.3	--	U
108-90-7	Chlorobenzene	ND	1.67	--	ND	7.69	--	U
100-41-4	Ethylbenzene	24.5	1.67	--	106	7.25	--	
179601-23-1	p/m-Xylene	559	3.33	--	2430	14.5	--	
75-25-2	Bromoform	ND	1.67	--	ND	17.3	--	U
100-42-5	Styrene	ND	1.67	--	ND	7.11	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2509420
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2509420-01D	Date Collected	: 02/20/25 12:35
Client ID	: SVE-INF	Date Received	: 02/20/25
Sample Location	: 1885 ATLANTIC AVE, BK, NY	Date Analyzed	: 02/28/25 06:46
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 8.333
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R438860	Instrument ID	: AIRPIANO4
Sample Amount	: 30.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.67	--	ND	11.5	--	U
95-47-6	o-Xylene	252	1.67	--	1090	7.25	--	
622-96-8	4-Ethyltoluene	44.0	1.67	--	216	8.21	--	
108-67-8	1,3,5-Trimethylbenzene	55.8	1.67	--	274	8.21	--	
95-63-6	1,2,4-Trimethylbenzene	106	1.67	--	521	8.21	--	
100-44-7	Benzyl chloride	ND	1.67	--	ND	8.65	--	U
541-73-1	1,3-Dichlorobenzene	ND	1.67	--	ND	10.0	--	U
106-46-7	1,4-Dichlorobenzene	ND	1.67	--	ND	10.0	--	U
95-50-1	1,2-Dichlorobenzene	ND	1.67	--	ND	10.0	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.67	--	ND	12.4	--	U
91-20-3	Naphthalene	ND	1.58	--	ND	8.28	--	U
87-68-3	Hexachlorobutadiene	ND	1.67	--	ND	17.8	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	**Lab Number**	: L2509420
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Lab ID	: L2509420-01D2	**Date Collected**	: 02/20/25 12:35
Client ID	: SVE-INF	**Date Received**	: 02/20/25
Sample Location	: 1885 ATLANTIC AVE, BK, NY	**Date Analyzed**	: 02/28/25 08:57
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 16.67
Analytical Method	: 48,TO-15	**Analyst**	: TPH
Lab File ID	: R438862	**Instrument ID**	: AIRPIANO4
Sample Amount	: 15.0 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
110-54-3	n-Hexane	735	3.33	--	2590	11.7	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2509420
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2509420-02D	Date Collected	: 02/20/25 12:55
Client ID	: GAC-2-EFF	Date Received	: 02/20/25
Sample Location	: 1885 ATLANTIC AVE, BK, NY	Date Analyzed	: 02/28/25 06:09
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 5.556
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R438859	Instrument ID	: AIRPIANO4
Sample Amount	: 45.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	1.11	--	ND	5.49	--	U
74-87-3	Chloromethane	ND	1.11	--	ND	2.29	--	U
76-14-2	Freon-114	ND	1.11	--	ND	7.76	--	U
75-01-4	Vinyl chloride	ND	1.11	--	ND	2.84	--	U
106-99-0	1,3-Butadiene	ND	1.11	--	ND	2.46	--	U
74-83-9	Bromomethane	ND	1.11	--	ND	4.31	--	U
75-00-3	Chloroethane	ND	1.11	--	ND	2.93	--	U
64-17-5	Ethanol	ND	27.8	--	ND	52.4	--	U
593-60-2	Vinyl bromide	ND	1.11	--	ND	4.85	--	U
67-64-1	Acetone	ND	5.56	--	ND	13.2	--	U
75-69-4	Trichlorofluoromethane	ND	1.11	--	ND	6.24	--	U
67-63-0	Isopropanol	ND	5.56	--	ND	13.7	--	U
75-35-4	1,1-Dichloroethene	ND	1.11	--	ND	4.40	--	U
75-65-0	Tertiary butyl Alcohol	ND	2.78	--	ND	8.43	--	U
75-09-2	Methylene chloride	ND	2.78	--	ND	9.66	--	U
107-05-1	3-Chloropropene	ND	1.11	--	ND	3.47	--	U
75-15-0	Carbon disulfide	ND	1.11	--	ND	3.46	--	U
76-13-1	Freon-113	ND	1.11	--	ND	8.51	--	U
156-60-5	trans-1,2-Dichloroethene	ND	1.11	--	ND	4.40	--	U
75-34-3	1,1-Dichloroethane	ND	1.11	--	ND	4.49	--	U
1634-04-4	Methyl tert butyl ether	ND	1.11	--	ND	4.00	--	U
78-93-3	2-Butanone	ND	2.78	--	ND	8.20	--	U
156-59-2	cis-1,2-Dichloroethene	ND	1.11	--	ND	4.40	--	U
141-78-6	Ethyl Acetate	ND	2.78	--	ND	10.0	--	U
67-66-3	Chloroform	ND	1.11	--	ND	5.42	--	U
109-99-9	Tetrahydrofuran	ND	2.78	--	ND	8.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2509420
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2509420-02D	Date Collected	: 02/20/25 12:55
Client ID	: GAC-2-EFF	Date Received	: 02/20/25
Sample Location	: 1885 ATLANTIC AVE, BK, NY	Date Analyzed	: 02/28/25 06:09
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 5.556
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R438859	Instrument ID	: AIRPIANO4
Sample Amount	: 45.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	1.11	--	ND	4.49	--	U
110-54-3	n-Hexane	565	1.11	--	1990	3.91	--	E
71-55-6	1,1,1-Trichloroethane	ND	1.11	--	ND	6.06	--	U
71-43-2	Benzene	3.37	1.11	--	10.8	3.55	--	
56-23-5	Carbon tetrachloride	ND	1.11	--	ND	6.98	--	U
110-82-7	Cyclohexane	79.8	1.11	--	275	3.82	--	
78-87-5	1,2-Dichloropropane	ND	1.11	--	ND	5.13	--	U
75-27-4	Bromodichloromethane	ND	1.11	--	ND	7.44	--	U
123-91-1	1,4-Dioxane	ND	1.11	--	ND	4.00	--	U
79-01-6	Trichloroethene	ND	1.11	--	ND	5.97	--	U
540-84-1	2,2,4-Trimethylpentane	ND	1.11	--	ND	5.18	--	U
142-82-5	Heptane	ND	1.11	--	ND	4.55	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.11	--	ND	5.04	--	U
108-10-1	4-Methyl-2-pentanone	ND	2.78	--	ND	11.4	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.11	--	ND	5.04	--	U
79-00-5	1,1,2-Trichloroethane	ND	1.11	--	ND	6.06	--	U
108-88-3	Toluene	ND	1.11	--	ND	4.18	--	U
591-78-6	2-Hexanone	ND	1.11	--	ND	4.55	--	U
124-48-1	Dibromochloromethane	ND	1.11	--	ND	9.46	--	U
106-93-4	1,2-Dibromoethane	ND	1.11	--	ND	8.53	--	U
127-18-4	Tetrachloroethene	ND	1.11	--	ND	7.53	--	U
108-90-7	Chlorobenzene	ND	1.11	--	ND	5.11	--	U
100-41-4	Ethylbenzene	ND	1.11	--	ND	4.82	--	U
179601-23-1	p/m-Xylene	ND	2.22	--	ND	9.64	--	U
75-25-2	Bromoform	ND	1.11	--	ND	11.5	--	U
100-42-5	Styrene	ND	1.11	--	ND	4.73	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2509420
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2509420-02D	Date Collected	: 02/20/25 12:55
Client ID	: GAC-2-EFF	Date Received	: 02/20/25
Sample Location	: 1885 ATLANTIC AVE, BK, NY	Date Analyzed	: 02/28/25 06:09
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 5.556
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R438859	Instrument ID	: AIRPIANO4
Sample Amount	: 45.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.11	--	ND	7.62	--	U
95-47-6	o-Xylene	ND	1.11	--	ND	4.82	--	U
622-96-8	4-Ethyltoluene	ND	1.11	--	ND	5.46	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.11	--	ND	5.46	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.11	--	ND	5.46	--	U
100-44-7	Benzyl chloride	ND	1.11	--	ND	5.75	--	U
541-73-1	1,3-Dichlorobenzene	ND	1.11	--	ND	6.67	--	U
106-46-7	1,4-Dichlorobenzene	ND	1.11	--	ND	6.67	--	U
95-50-1	1,2-Dichlorobenzene	ND	1.11	--	ND	6.67	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.11	--	ND	8.24	--	U
91-20-3	Naphthalene	ND	1.06	--	ND	5.56	--	U
87-68-3	Hexachlorobutadiene	ND	1.11	--	ND	11.8	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	**Lab Number**	: L2509420
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Lab ID	: L2509420-02D2	**Date Collected**	: 02/20/25 12:55
Client ID	: GAC-2-EFF	**Date Received**	: 02/20/25
Sample Location	: 1885 ATLANTIC AVE, BK, NY	**Date Analyzed**	: 02/28/25 08:22
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 10
Analytical Method	: 48,TO-15	**Analyst**	: TPH
Lab File ID	: R438861	**Instrument ID**	: AIRPIANO4
Sample Amount	: 25.0 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
110-54-3	n-Hexane	570	2.00	--	2010	7.05	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2509420
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: WG2034926-4	Date Collected	: NA
Client ID	: WG2034926-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 02/27/25 16:45
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R438838	Instrument ID	: AIRPIANO4
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2509420
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: WG2034926-4	Date Collected	: NA
Client ID	: WG2034926-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 02/27/25 16:45
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R438838	Instrument ID	: AIRPIANO4
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2509420
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: WG2034926-4	Date Collected	: NA
Client ID	: WG2034926-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 02/27/25 16:45
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R438838	Instrument ID	: AIRPIANO4
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438859.D
Acq On : 28 Feb 2025 6:09 AM
Operator : AIRPIANO4:TPH
Sample : L2509420-02D,3,45,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:56:17 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.258	49	354929	10.000	ppbV	0.07
Standard Area = 343689			Recovery = 103.27%			
43) 1,4-difluorobenzene	11.480	114	1070349	10.000	ppbV	0.07
Standard Area = 926999			Recovery = 115.46%			
67) chlorobenzene-D5	16.150	54	179397	10.000	ppbV	0.06
Standard Area = 152882			Recovery = 117.34%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	4.162	85	4985	0.096	ppbV	100
6) chloromethane	4.330	50	1199	0.054	ppbV	93
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.450	31	3007	0.136	ppbV	92
17) vinyl bromide	0.000		0	N.D.		
19) acetone	0.000		0	N.D.	d	
21) trichlorofluoromethane	6.027		0	N.D.		
22) isopropyl alcohol	6.427	45	4516M3	0.093	ppbV	
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	0.000		0	N.D.		
28) methylene chloride	6.858	49	1030	0.034	ppbV	97
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	7.170		0	N.D.		
31) Freon 113	7.164		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.	d	
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	8.225		0	N.D.		
36) 2-butanone	0.000		0	N.D.		
37) cis-1,2-dichloroethene	8.942		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.	d	
39) chloroform	0.000		0	N.D.	d	
40) Tetrahydrofuran	0.000		0	N.D.	d	
42) 1,2-dichloroethane	0.000		0	N.D.	d	
44) hexane	9.333	57	5248534	101.643	ppbV #	43

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438859.D
Acq On : 28 Feb 2025 6:09 AM
Operator : AIRPIANO4:TPH
Sample : L2509420-02D,3,45,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:56:17 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : TO15-NY+Naphthalene - .

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48)	1,1,1-trichloroethane	0.000		0	N.D.			
50)	benzene	11.060	78	58069	0.606	ppbV		96
52)	carbon tetrachloride	11.227		0	N.D.			
53)	cyclohexane	11.380	56	812035	14.357	ppbV		99
56)	1,2-dichloropropane	11.907		0	N.D.			
57)	bromodichloromethane	0.000		0	N.D.		d	
58)	1,4-dioxane	0.000		0	N.D.			
59)	trichloroethene	0.000		0	N.D.			
60)	2,2,4-trimethylpentane	12.227		0	N.D.			
62)	heptane	12.640		0	N.D.			
63)	cis-1,3-dichloropropene	0.000		0	N.D.			
64)	4-methyl-2-pentanone	0.000		0	N.D.		d	
65)	trans-1,3-dichloropropene	0.000		0	N.D.			
66)	1,1,2-trichloroethane	0.000		0	N.D.			
68)	toluene	14.408		0	N.D.			
72)	2-hexanone	14.825		0	N.D.			
74)	dibromochloromethane	0.000		0	N.D.			
75)	1,2-dibromoethane	0.000		0	N.D.			
78)	tetrachloroethene	0.000		0	N.D.			
80)	chlorobenzene	0.000		0	N.D.			
81)	ethylbenzene	16.542		0	N.D.			
83)	m+p-xylene	16.692		0	N.D.			
84)	bromoform	0.000		0	N.D.			
85)	styrene	0.000		0	N.D.			
86)	1,1,2,2-tetrachloroethane	0.000		0	N.D.			
87)	o-xylene	17.125		0	N.D.			
96)	4-ethyl toluene	0.000		0	N.D.			
97)	1,3,5-trimethylbenzene	0.000		0	N.D.			
99)	1,2,4-trimethylbenzene	18.608		0	N.D.			
101)	Benzyl Chloride	0.000		0	N.D.			
102)	1,3-dichlorobenzene	0.000		0	N.D.			
103)	1,4-dichlorobenzene	0.000		0	N.D.			
107)	1,2-dichlorobenzene	0.000		0	N.D.			
115)	1,2,4-trichlorobenzene	0.000		0	N.D.			
116)	naphthalene	20.742		0	N.D.			
119)	hexachlorobutadiene	0.000		0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438859.D
Acq On : 28 Feb 2025 6:09 AM
Operator : AIRPIANO4:TPH
Sample : L2509420-02D,3,45,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:56:17 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

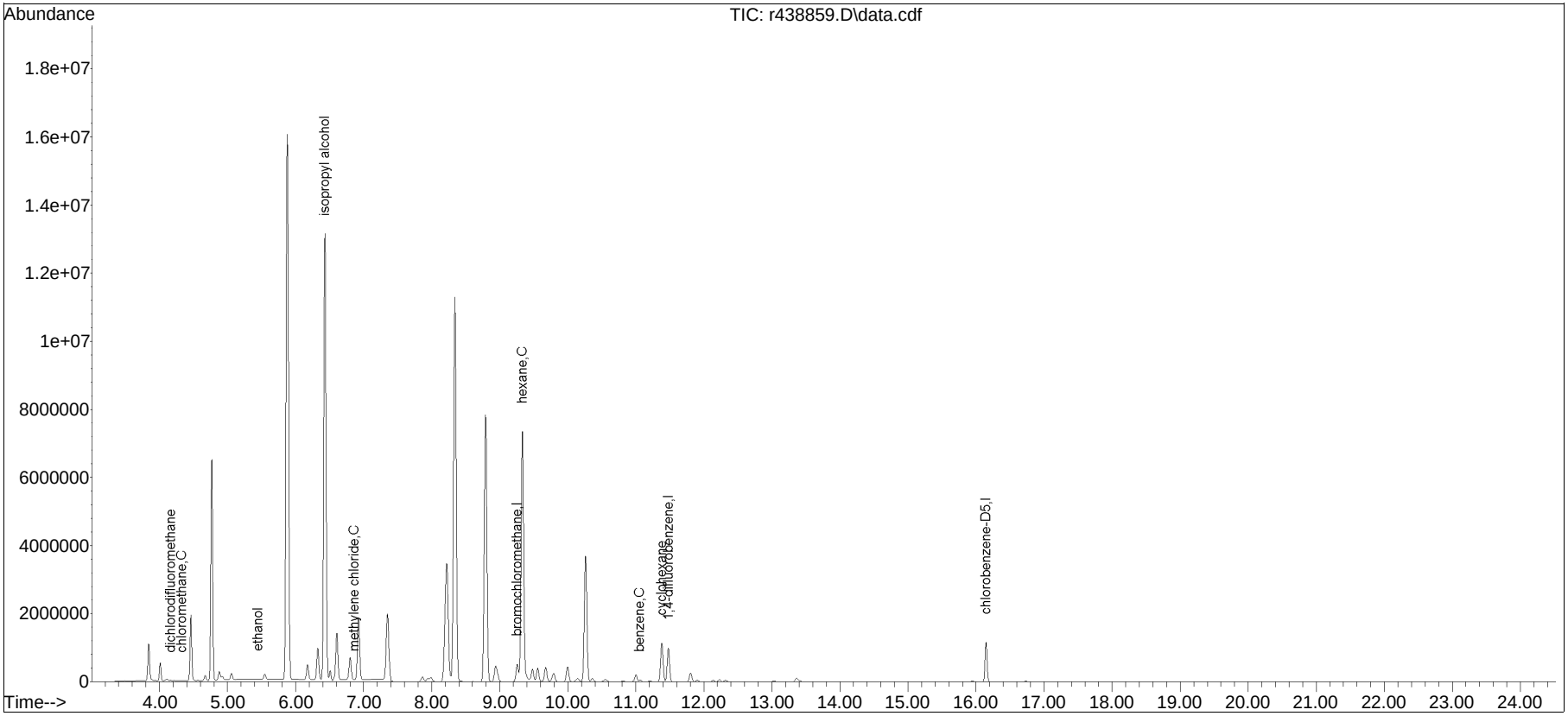
CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : TO15-NY+Naphthalene - .

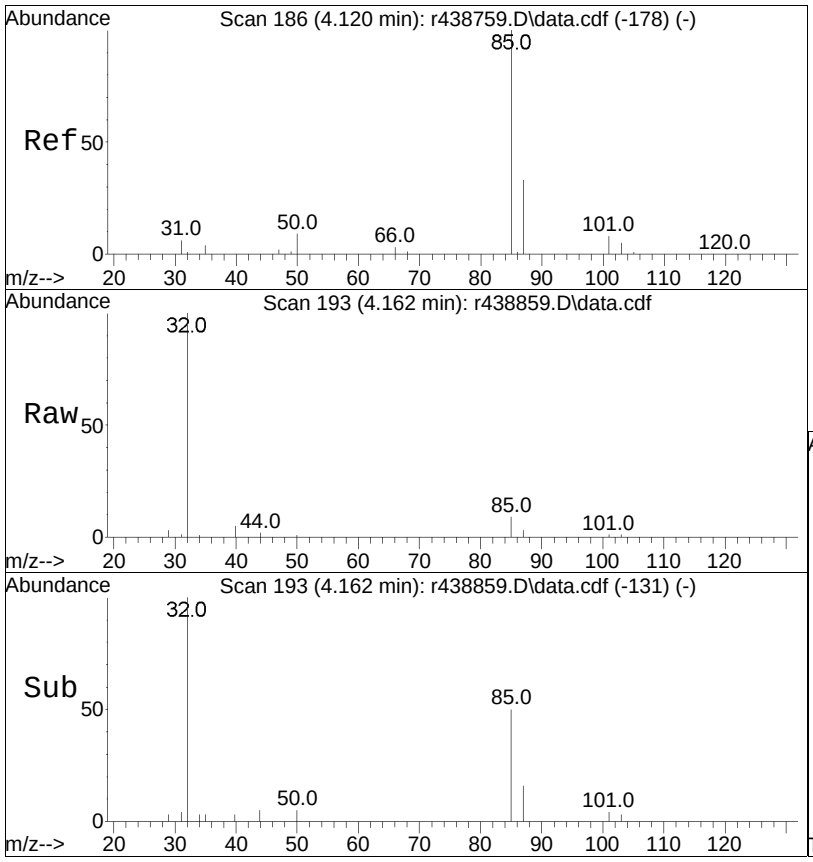
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .4\2025\02\0227T\r438836.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438859.D
Acq On : 28 Feb 2025 6:09 AM
Operator : AIRPIANO4:TPH
Sample : L2509420-02D,3,45,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:56:17 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

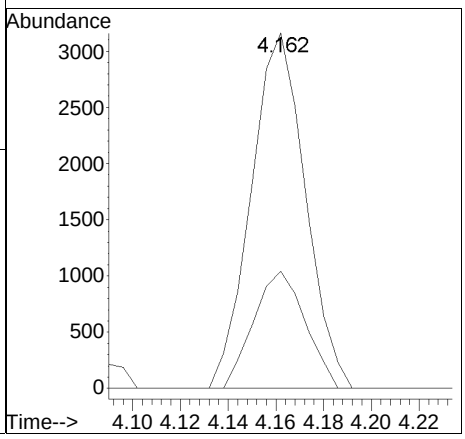


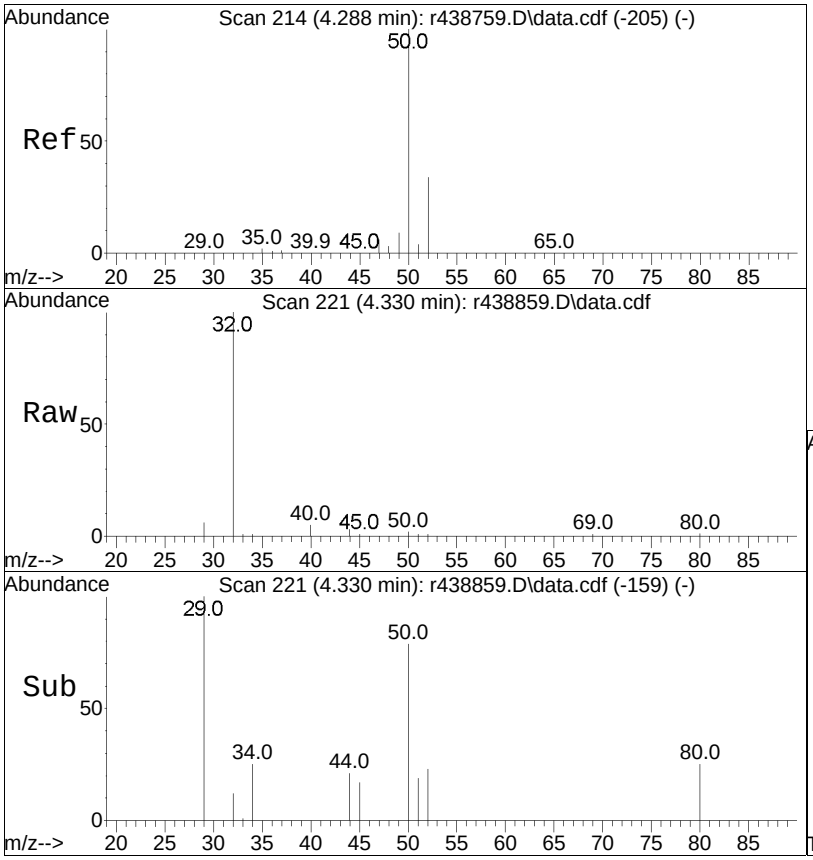


#5
dichlorodifluoromethane
Concen: 0.10 ppbV
RT: 4.162 min Scan# 193
Delta R.T. 0.042 min
Lab File: r438859.D
Acq: 28 Feb 2025 6:09 AM

Tgt Ion: 85 Resp: 4985

Ion	Ratio	Lower	Upper
85	100		
87	32.9	26.4	39.6

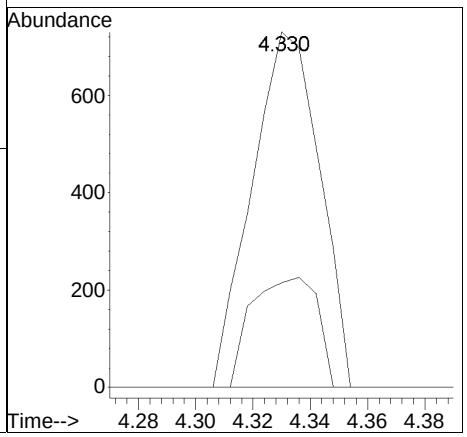


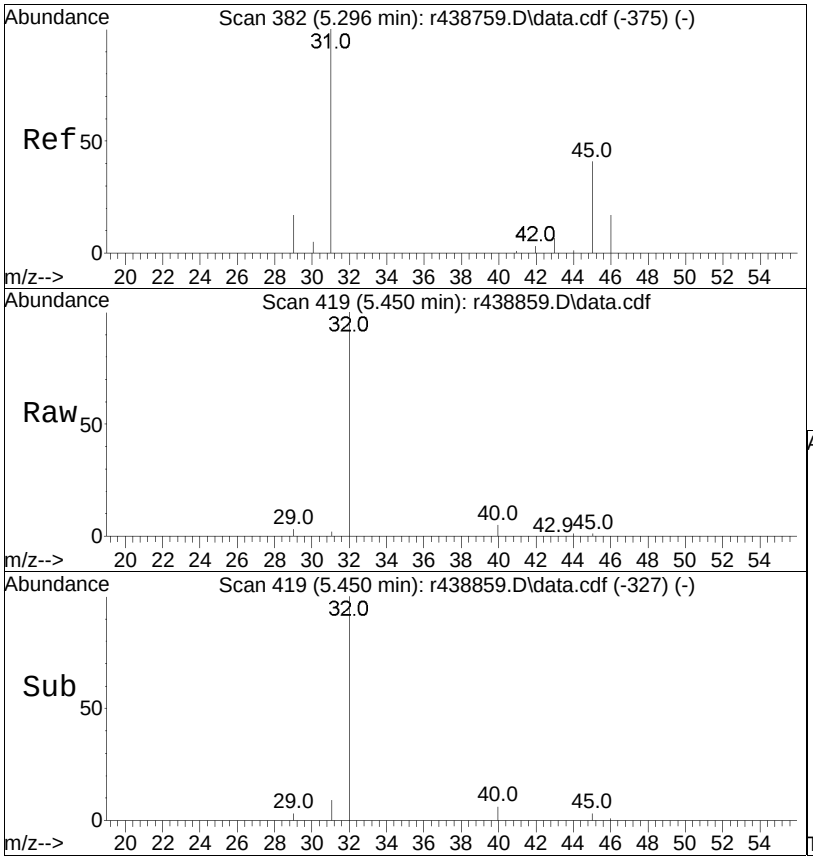


#6
chloromethane
Concen: 0.05 ppbV
RT: 4.330 min Scan# 221
Delta R.T. 0.042 min
Lab File: r438859.D
Acq: 28 Feb 2025 6:09 AM

Tgt Ion: 50 Resp: 1199

Ion	Ratio	Lower	Upper
50	100		
52	29.5	26.9	40.3

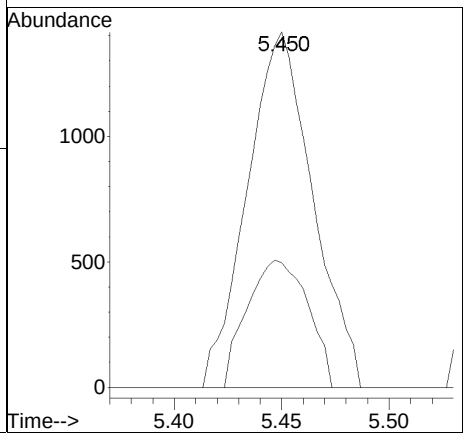


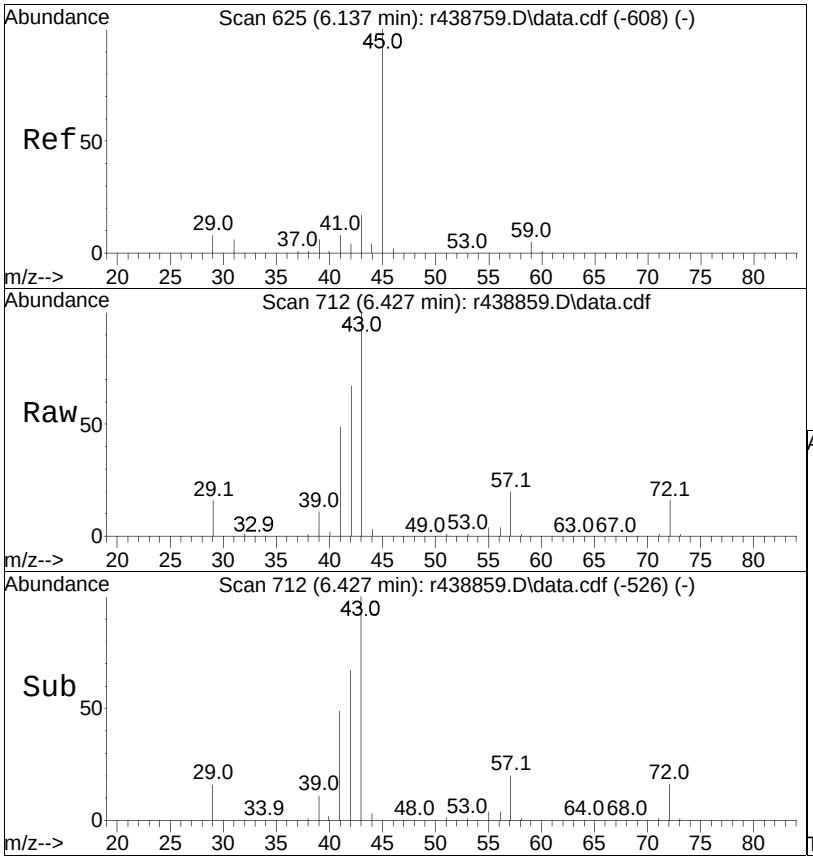


#15
ethanol
Concen: 0.14 ppbV
RT: 5.450 min Scan# 419
Delta R.T. 0.154 min
Lab File: r438859.D
Acq: 28 Feb 2025 6:09 AM

Tgt Ion: 31 Resp: 3007

Ion	Ratio	Lower	Upper
31	100		
45	35.1	32.2	48.4

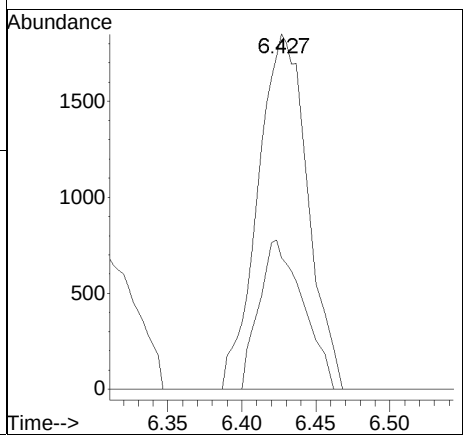


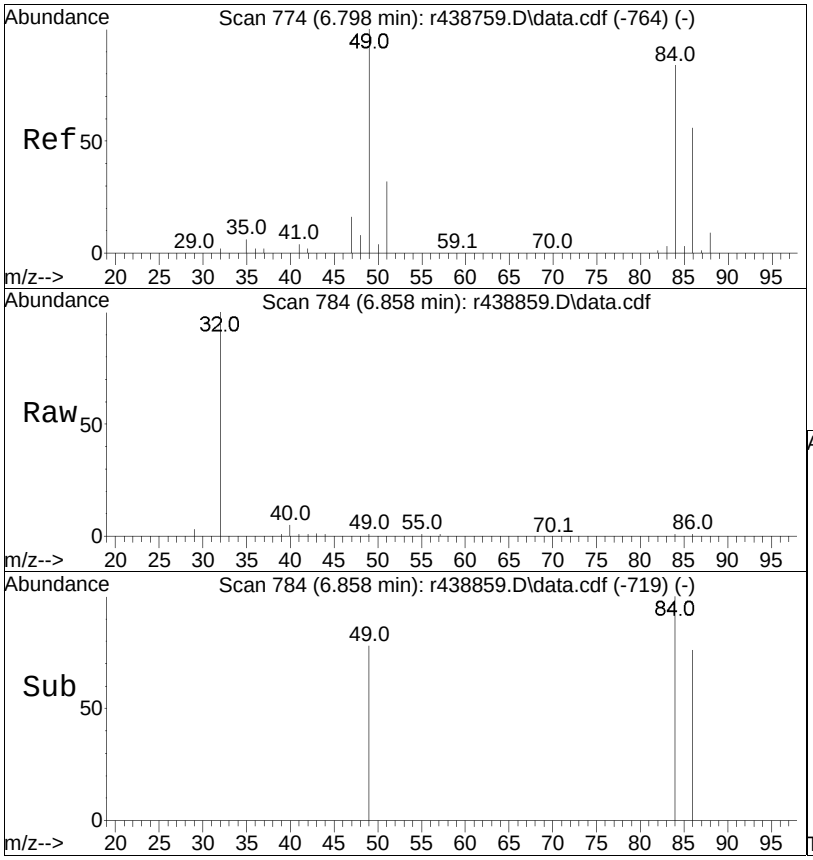


#22
isopropyl alcohol
Concen: 0.09 ppbV m
RT: 6.427 min Scan# 712
Delta R.T. 0.290 min
Lab File: r438859.D
Acq: 28 Feb 2025 6:09 AM

Tgt Ion: 45 Resp: 4516

Ion	Ratio	Lower	Upper
45	100		
59	37.1	4.2	6.4#

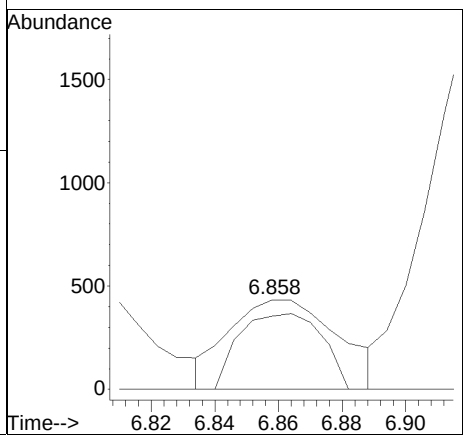


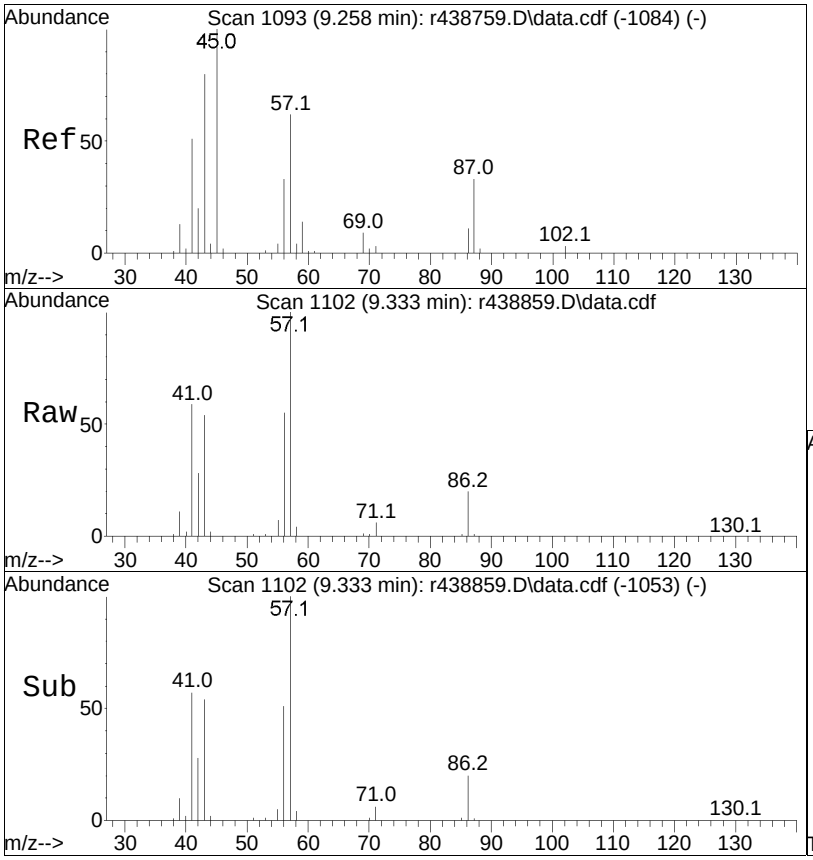


#28
methylene chloride
Concen: 0.03 ppbV
RT: 6.858 min Scan# 784
Delta R.T. 0.060 min
Lab File: r438859.D
Acq: 28 Feb 2025 6:09 AM

Tgt Ion: 49 Resp: 1030

Ion	Ratio	Lower	Upper
49	100		
84	81.8	67.6	101.4

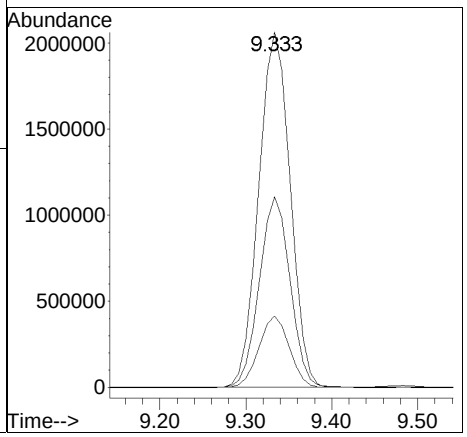


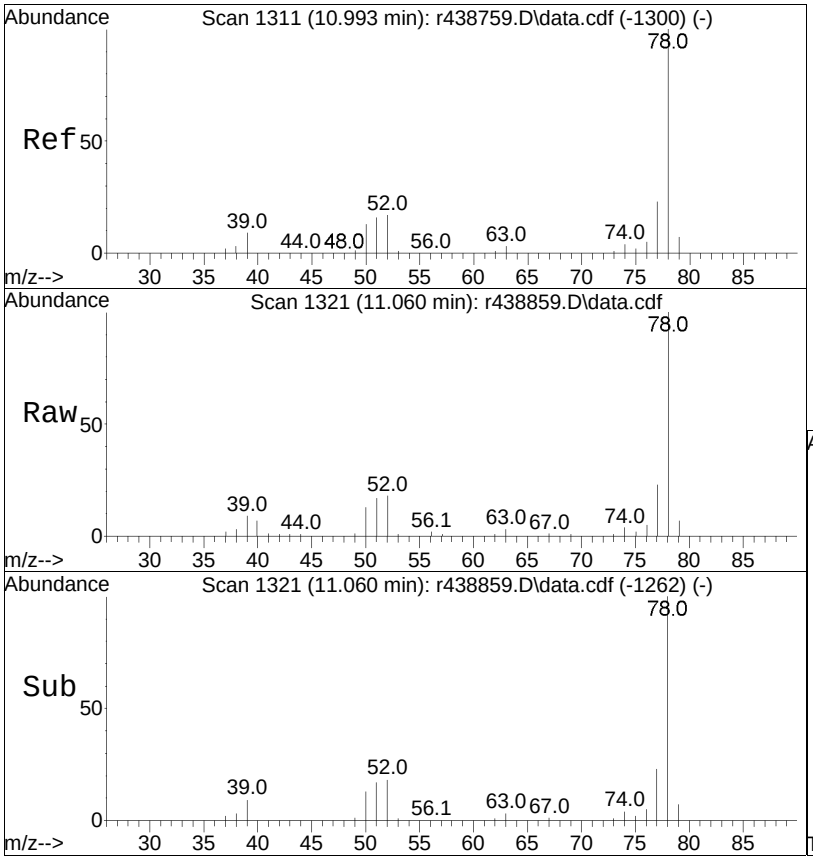


#44
hexane
Concen: 101.64 ppbV
RT: 9.333 min Scan# 1102
Delta R.T. 0.075 min
Lab File: r438859.D
Acq: 28 Feb 2025 6:09 AM

Tgt Ion: 57 Resp: 5248534

Ion	Ratio	Lower	Upper
57	100		
43	53.7	102.6	153.8#
86	20.1	14.5	21.7

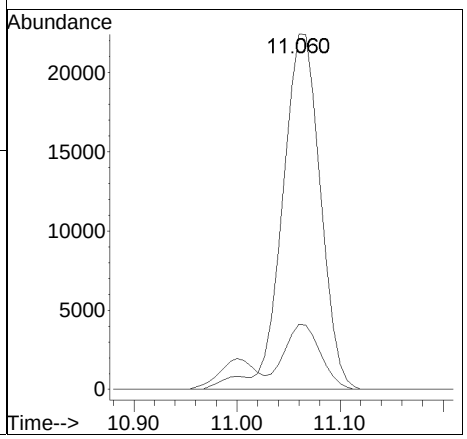


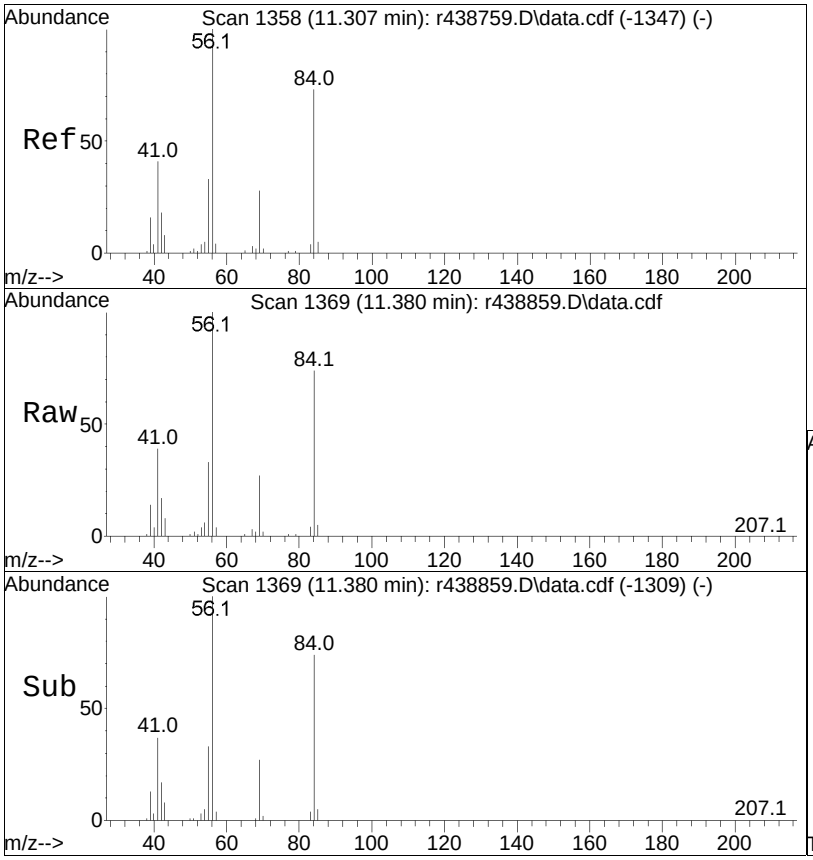


#50
benzene
Concen: 0.61 ppbV
RT: 11.060 min Scan# 1321
Delta R.T. 0.067 min
Lab File: r438859.D
Acq: 28 Feb 2025 6:09 AM

Tgt Ion: 78 Resp: 58069

Ion	Ratio	Lower	Upper
78	100		
52	18.4	13.4	20.2

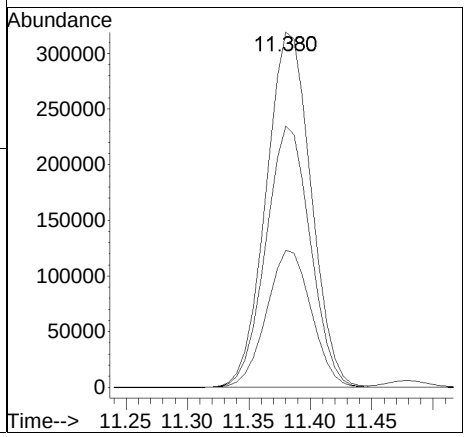




#53
cyclohexane
Concen: 14.36 ppbV
RT: 11.380 min Scan# 1369
Delta R.T. 0.073 min
Lab File: r438859.D
Acq: 28 Feb 2025 6:09 AM

Tgt Ion: 56 Resp: 812035

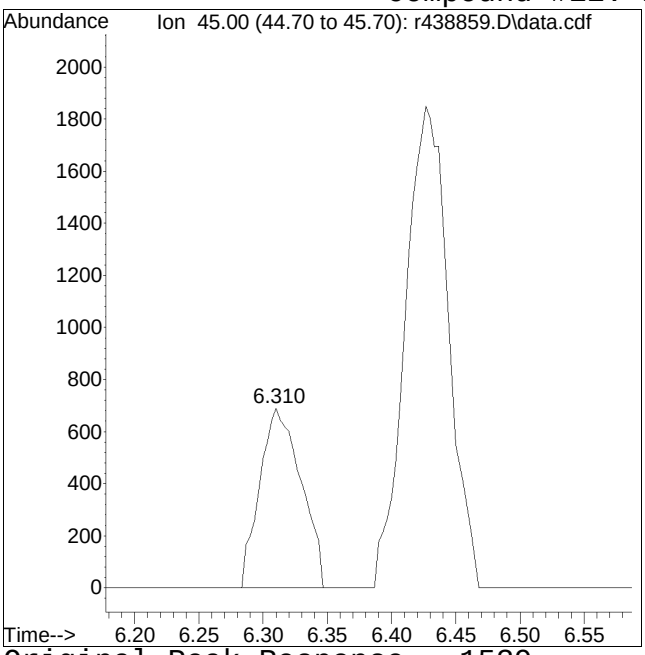
Ion	Ratio	Lower	Upper
56	100		
84	73.5	58.6	88.0
41	38.6	32.6	49.0

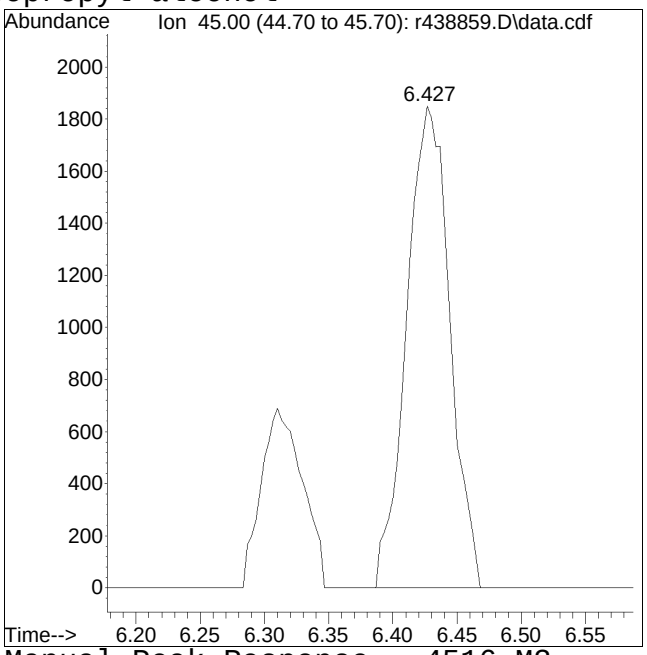


Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438859.D Operator : AIRPIANO4:TPH
Date Inj'd : 2/28/2025 6:09 AM Instrument :
Sample : L2509420-02D,3,45,250 Quant Date : 2/28/2025 7:56 am

Compound #22: isopropyl alcohol





Original Peak Response = 1539 Manual Peak Response = 4516 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438860.D
Acq On : 28 Feb 2025 6:46 AM
Operator : AIRPIANO4:TPH
Sample : L2509420-01D,3,30,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:57:04 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.258	49	353885	10.000	ppbV	0.07
Standard Area = 343689			Recovery = 102.97%			
43) 1,4-difluorobenzene	11.480	114	1005850	10.000	ppbV	0.07
Standard Area = 926999			Recovery = 108.51%			
67) chlorobenzene-D5	16.158	54	179343	10.000	ppbV	0.07
Standard Area = 152882			Recovery = 117.31%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	4.162	85	2931	0.056	ppbV	99
6) chloromethane	4.336		0	N.D.		
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.440	31	19060	0.867	ppbV	100
17) vinyl bromide	0.000		0	N.D.		
19) acetone	0.000		0	N.D.	d	
21) trichlorofluoromethane	6.023		0	N.D.		
22) isopropyl alcohol	6.293	45	40995	0.845	ppbV	100
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	0.000		0	N.D.		
28) methylene chloride	6.864	49	1221	0.041	ppbV	95
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	7.176		0	N.D.		
31) Freon 113	7.164		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.	d	
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	8.225		0	N.D.		
36) 2-butanone	0.000		0	N.D.		
37) cis-1,2-dichloroethene	8.950		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.	d	
39) chloroform	9.408		0	N.D.		
40) Tetrahydrofuran	0.000		0	N.D.	d	
42) 1,2-dichloroethane	0.000		0	N.D.	d	
44) hexane	9.333	57	4976512	102.555	ppbV #	42

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438860.D
Acq On : 28 Feb 2025 6:46 AM
Operator : AIRPIANO4:TPH
Sample : L2509420-01D,3,30,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:57:04 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : TO15-NY+Naphthalene - .

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48)	1,1,1-trichloroethane	0.000		0	N.D.			
50)	benzene	11.067	78	1229633	13.659	ppbV		99
52)	carbon tetrachloride	11.247		0	N.D.			
53)	cyclohexane	11.387	56	974111	18.327	ppbV		98
56)	1,2-dichloropropane	0.000		0	N.D.	d		
57)	bromodichloromethane	0.000		0	N.D.	d		
58)	1,4-dioxane	0.000		0	N.D.			
59)	trichloroethene	0.000		0	N.D.			
60)	2,2,4-trimethylpentane	12.333	57	8669038	54.683	ppbV		95
62)	heptane	12.640	43	2006396	39.780	ppbV		99
63)	cis-1,3-dichloropropene	0.000		0	N.D.			
64)	4-methyl-2-pentanone	0.000		0	N.D.	d		
65)	trans-1,3-dichloropropene	0.000		0	N.D.			
66)	1,1,2-trichloroethane	0.000		0	N.D.	d		
68)	toluene	14.408	91	5240006	40.846	ppbV		99
72)	2-hexanone	0.000		0	N.D.	d		
74)	dibromochloromethane	0.000		0	N.D.			
75)	1,2-dibromoethane	15.092		0	N.D.			
78)	tetrachloroethene	15.550		0	N.D.			
80)	chlorobenzene	0.000		0	N.D.	d		
81)	ethylbenzene	16.542	91	469128	2.943	ppbV		99
83)	m+p-xylene	16.700	91	8469069	67.071	ppbV		94
84)	bromoform	0.000		0	N.D.			
85)	styrene	0.000		0	N.D.	d		
86)	1,1,2,2-tetrachloroethane	0.000		0	N.D.	d		
87)	o-xylene	17.125	91	3731066	30.245	ppbV		99
96)	4-ethyl toluene	18.192	105	728148M3	5.286	ppbV		
97)	1,3,5-trimethylbenzene	18.258	105	1033424	6.703	ppbV		99
99)	1,2,4-trimethylbenzene	18.608	105	1594050	12.661	ppbV	#	52
101)	Benzyl Chloride	0.000		0	N.D.	d		
102)	1,3-dichlorobenzene	18.550		0	N.D.			
103)	1,4-dichlorobenzene	0.000		0	N.D.			
107)	1,2-dichlorobenzene	0.000		0	N.D.			
115)	1,2,4-trichlorobenzene	0.000		0	N.D.			
116)	naphthalene	20.775		0	N.D.			
119)	hexachlorobutadiene	0.000		0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438860.D
Acq On : 28 Feb 2025 6:46 AM
Operator : AIRPIANO4:TPH
Sample : L2509420-01D,3,30,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:57:04 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

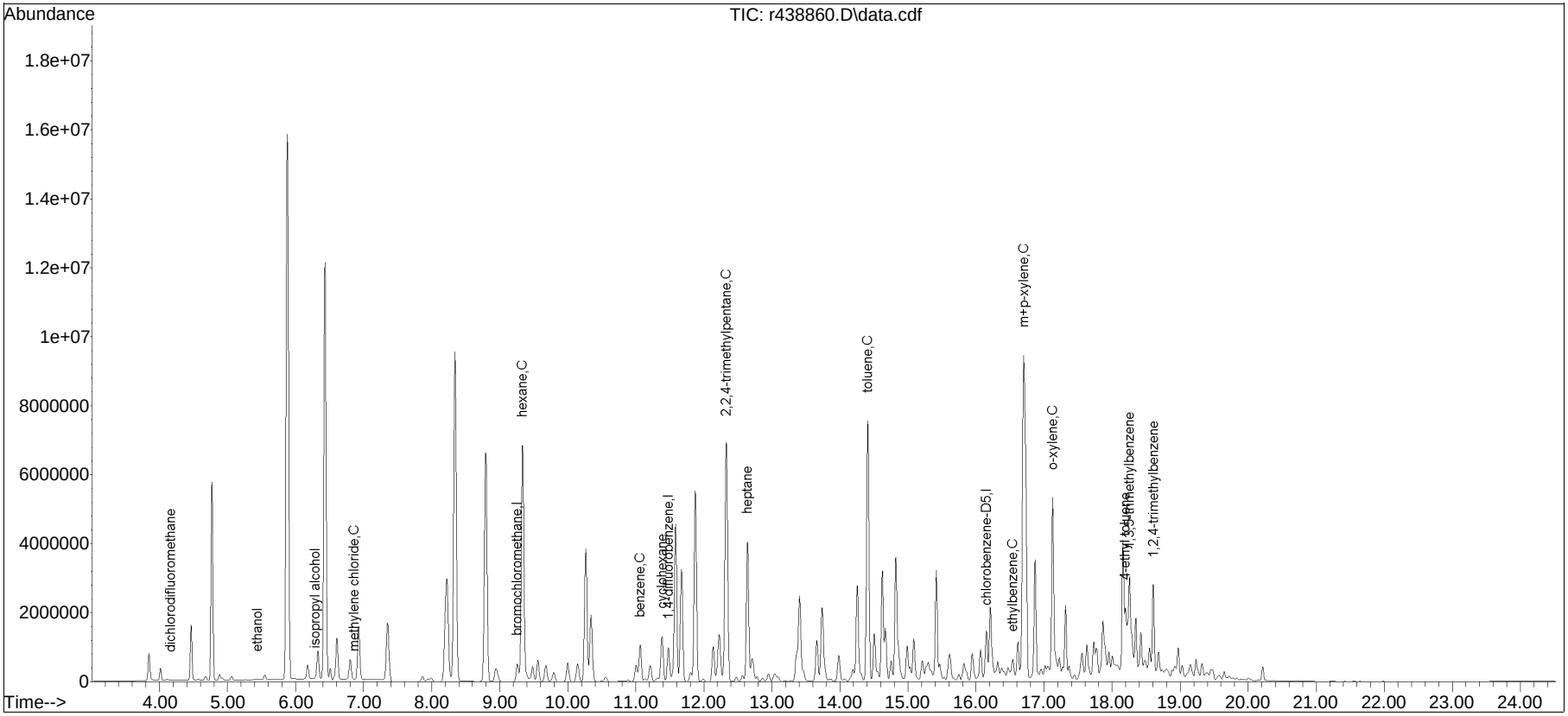
CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : TO15-NY+Naphthalene - .

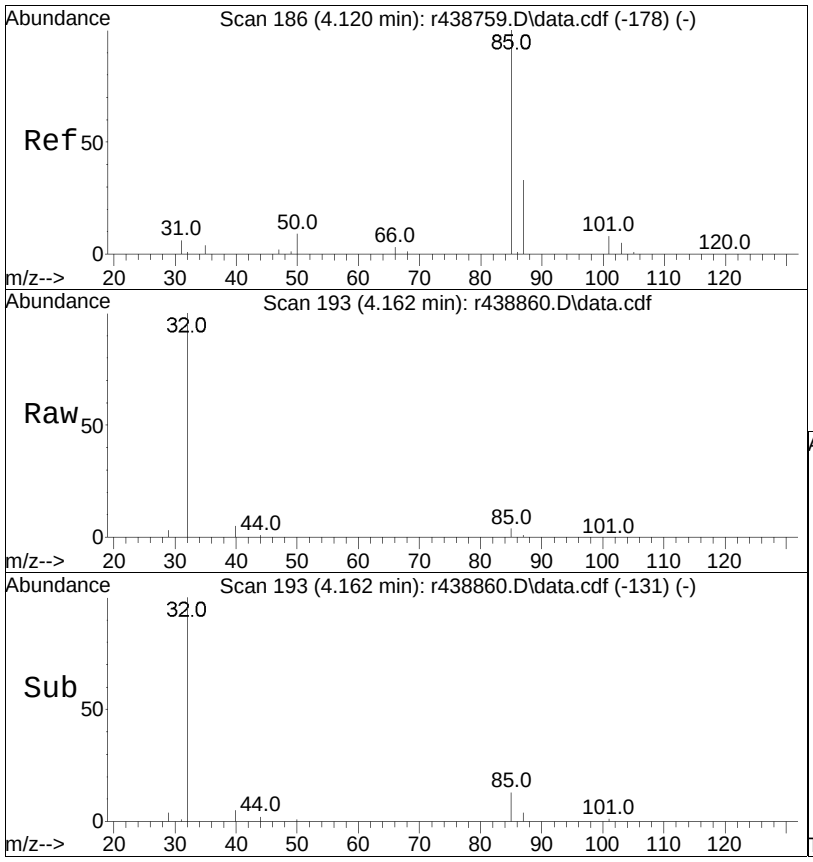
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .4\2025\02\0227T\r438836.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438860.D
Acq On : 28 Feb 2025 6:46 AM
Operator : AIRPIANO4:TPH
Sample : L2509420-01D,3,30,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:57:04 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

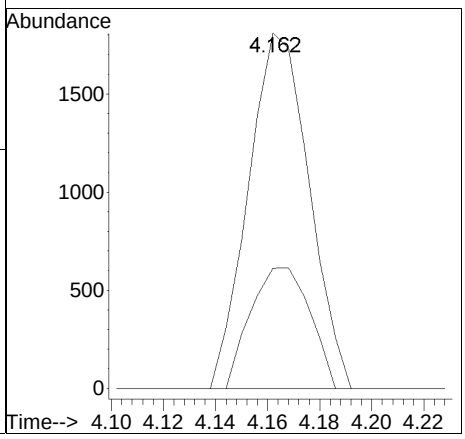


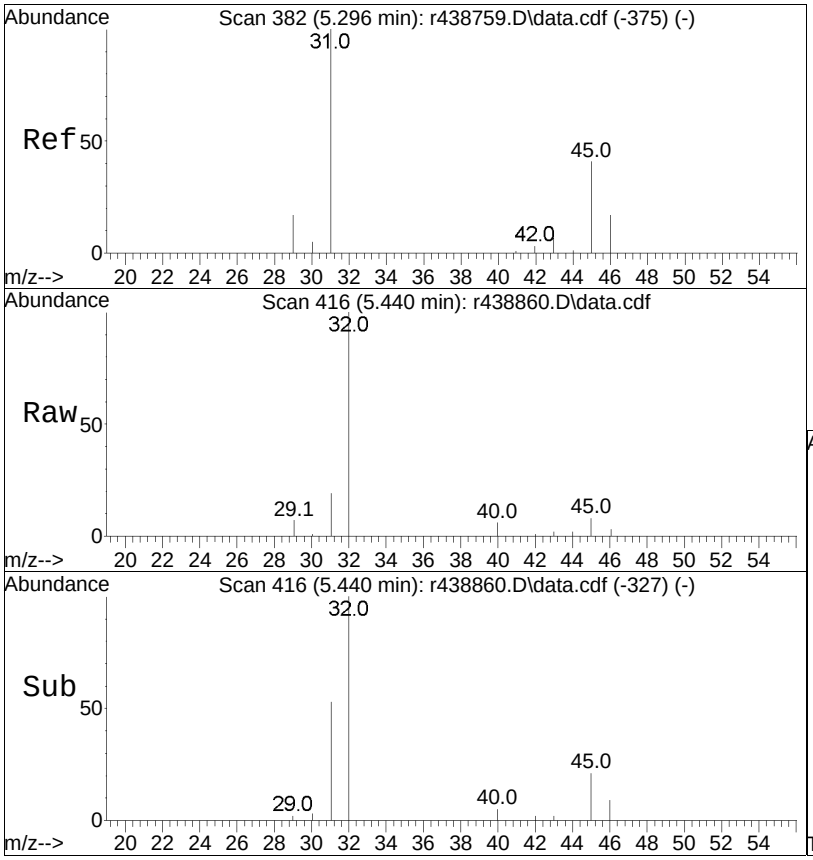


#5
dichlorodifluoromethane
Concen: 0.06 ppbV
RT: 4.162 min Scan# 193
Delta R.T. 0.042 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion: 85 Resp: 2931

Ion	Ratio	Lower	Upper
85	100		
87	33.8	26.4	39.6

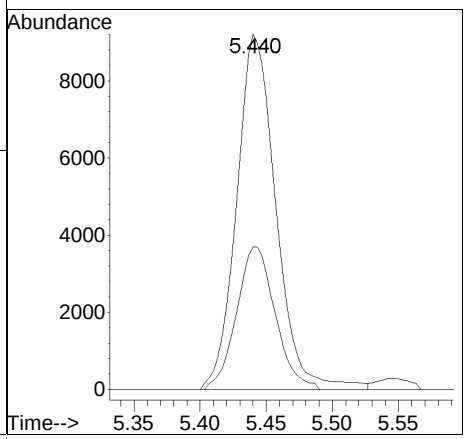


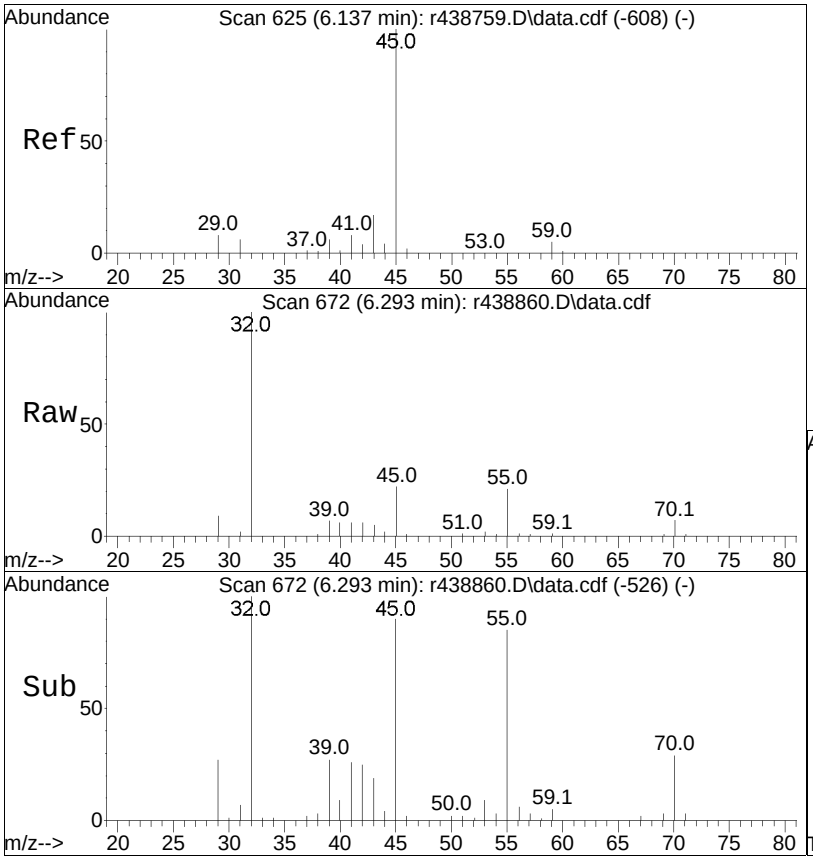


#15
ethanol
Concen: 0.87 ppbV
RT: 5.440 min Scan# 416
Delta R.T. 0.144 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion: 31 Resp: 19060

Ion	Ratio	Lower	Upper
31	100		
45	40.1	32.2	48.4

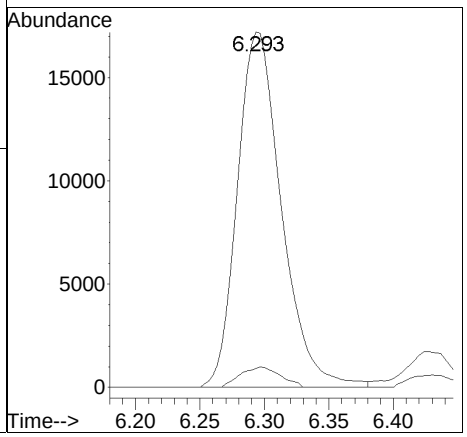


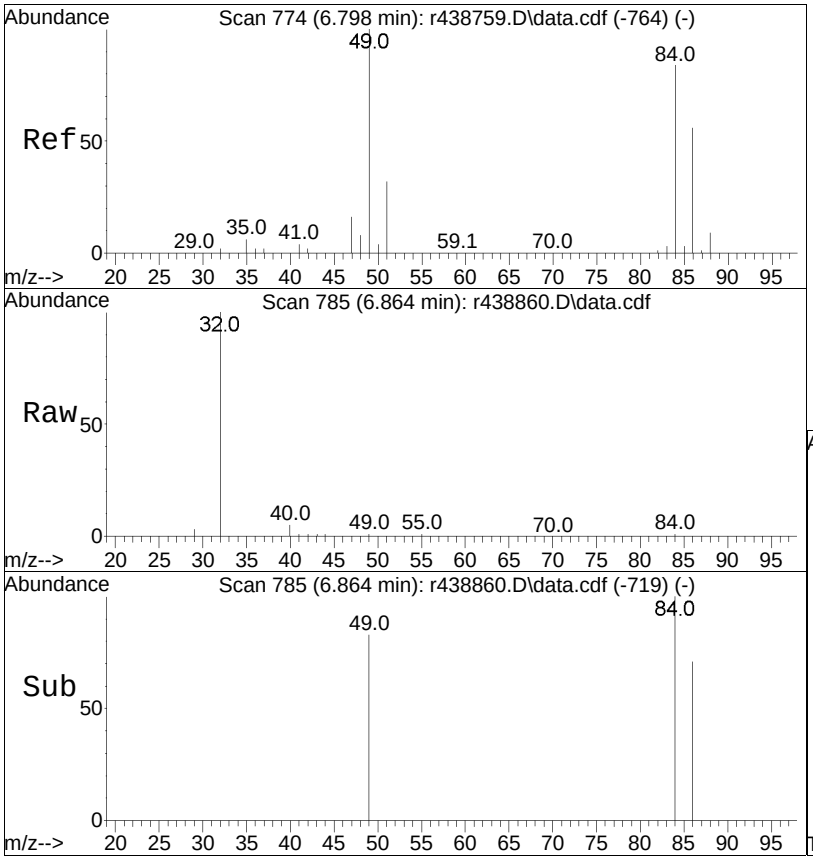


#22
isopropyl alcohol
Concen: 0.85 ppbV
RT: 6.293 min Scan# 672
Delta R.T. 0.157 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion: 45 Resp: 40995

Ion	Ratio	Lower	Upper
45	100		
59	5.4	4.2	6.4

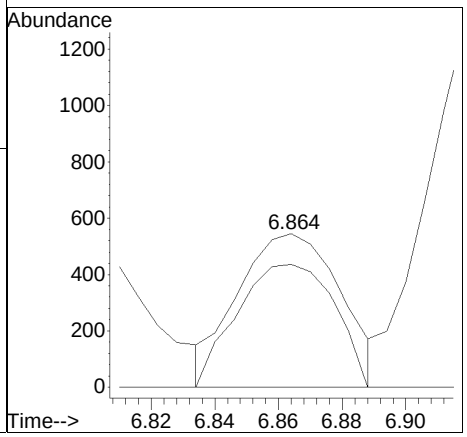


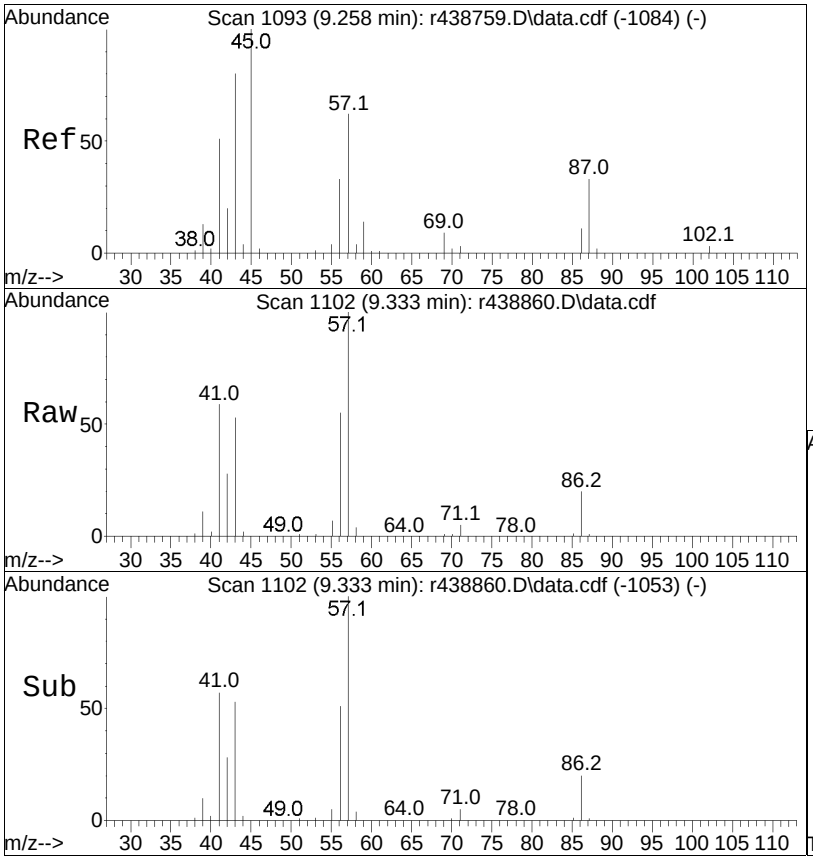


#28
methylene chloride
Concen: 0.04 ppbV
RT: 6.864 min Scan# 785
Delta R.T. 0.066 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion: 49 Resp: 1221

Ion	Ratio	Lower	Upper
49	100		
84	80.0	67.6	101.4

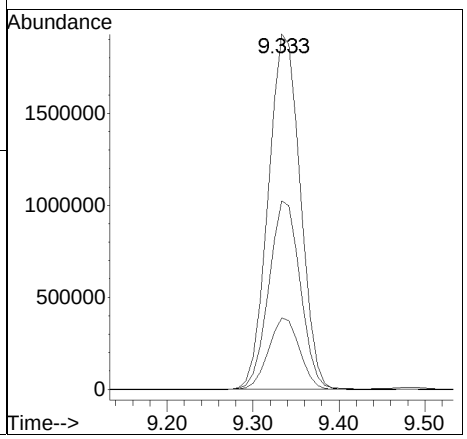


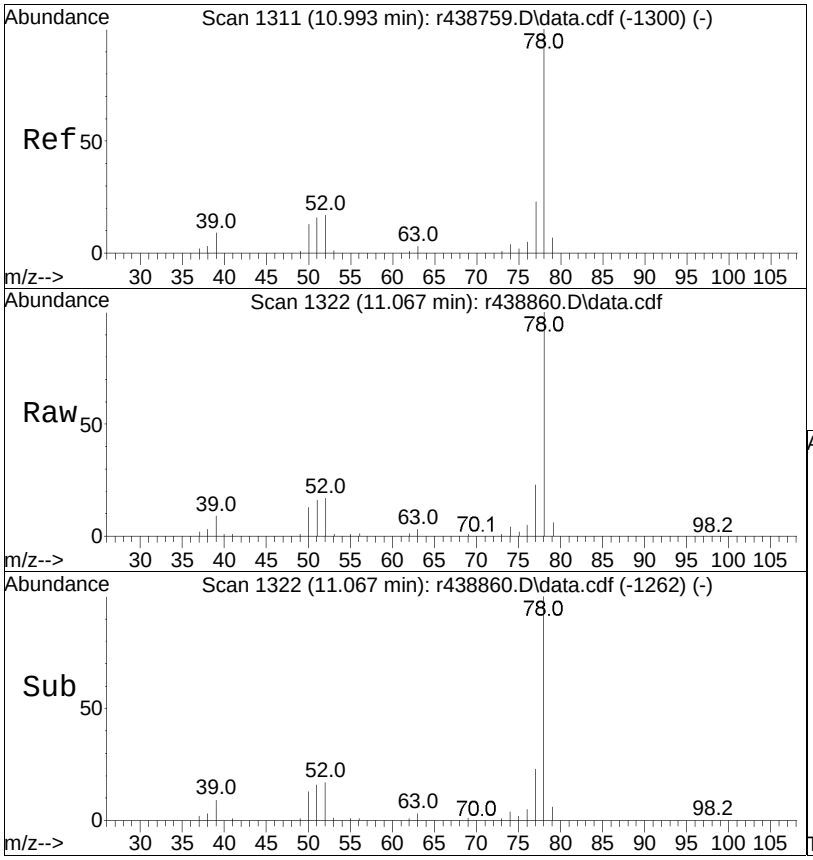


#44
hexane
Concen: 102.55 ppbV
RT: 9.333 min Scan# 1102
Delta R.T. 0.075 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion: 57 Resp: 4976512

Ion	Ratio	Lower	Upper
57	100		
43	53.1	102.6	153.8#
86	20.1	14.5	21.7

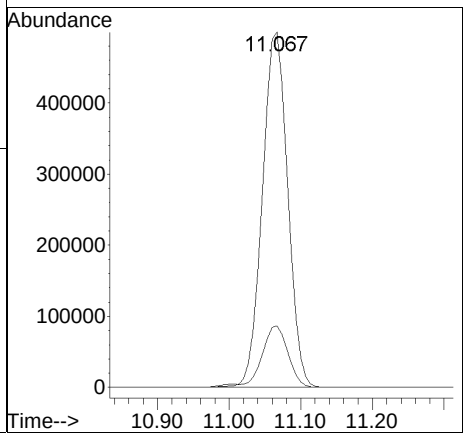


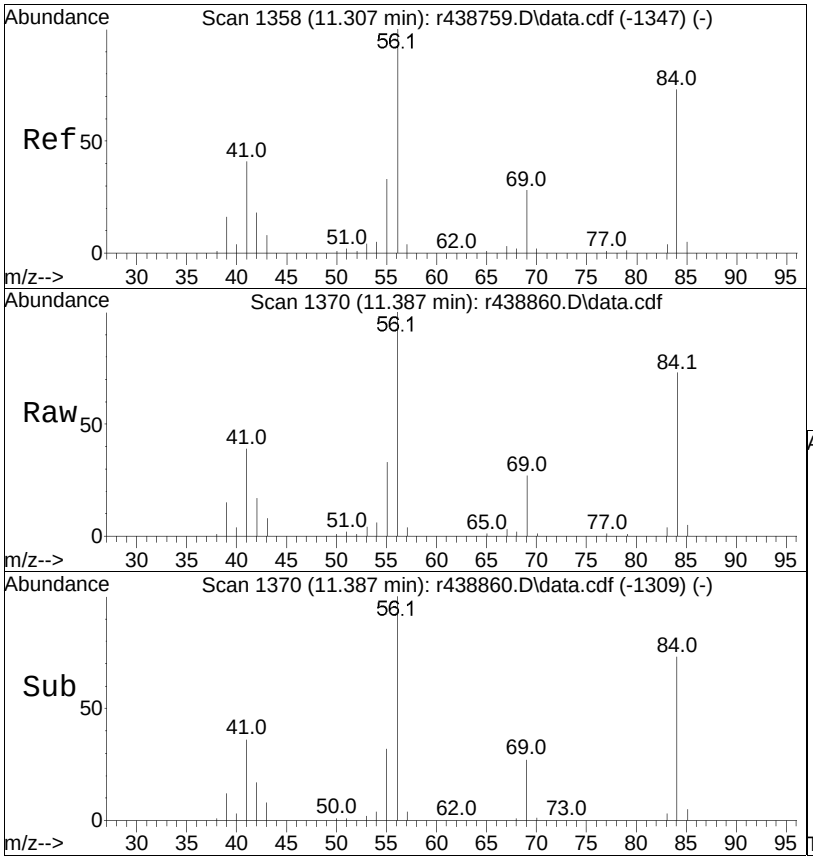


#50
benzene
Concen: 13.66 ppbV
RT: 11.067 min Scan# 1322
Delta R.T. 0.073 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion: 78 Resp: 1229633

Ion	Ratio	Lower	Upper
78	100		
52	17.4	13.4	20.2

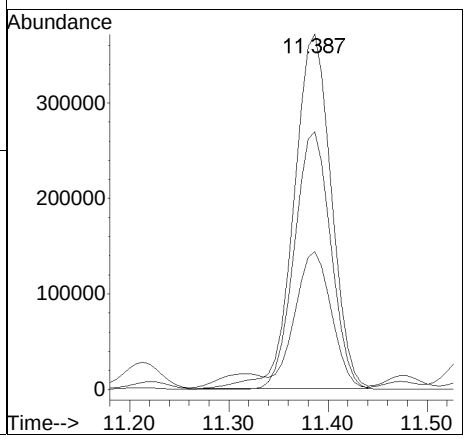


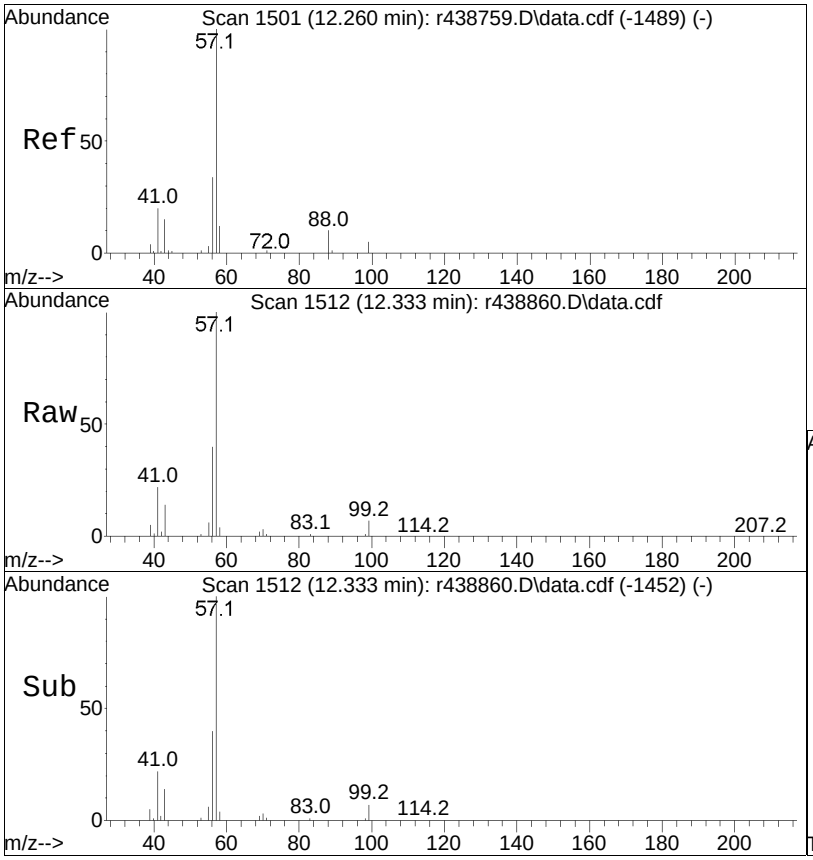


#53
cyclohexane
Concen: 18.33 ppbV
RT: 11.387 min Scan# 1370
Delta R.T. 0.080 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion: 56 Resp: 974111

Ion	Ratio	Lower	Upper
56	100		
84	72.5	58.6	88.0
41	38.8	32.6	49.0

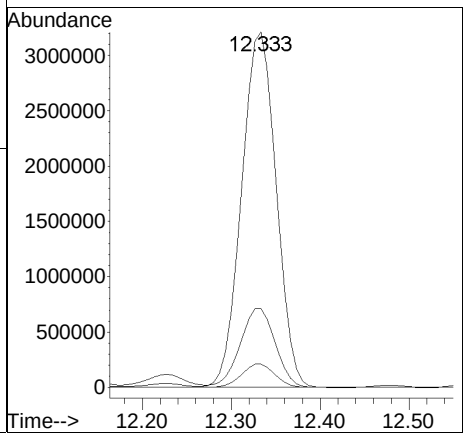


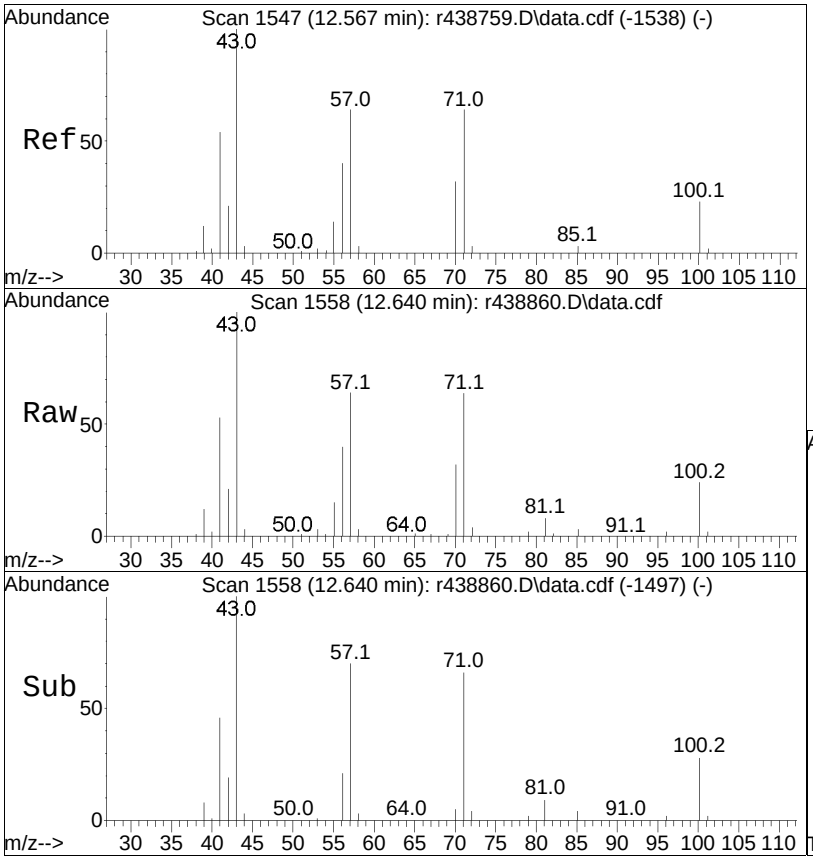


#60
2,2,4-trimethylpentane
Concen: 54.68 ppbV
RT: 12.333 min Scan# 1512
Delta R.T. 0.073 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion: 57 Resp: 8669038

Ion	Ratio	Lower	Upper
57	100		
99	6.6	4.5	6.7
41	22.2	15.6	23.4

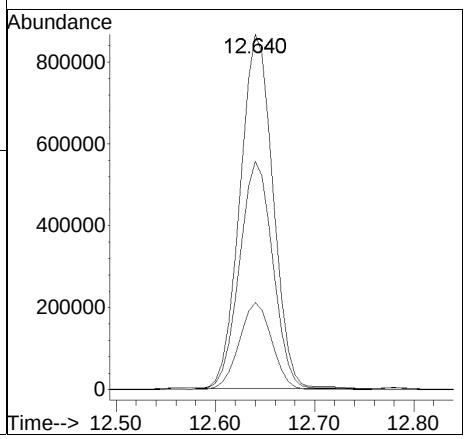


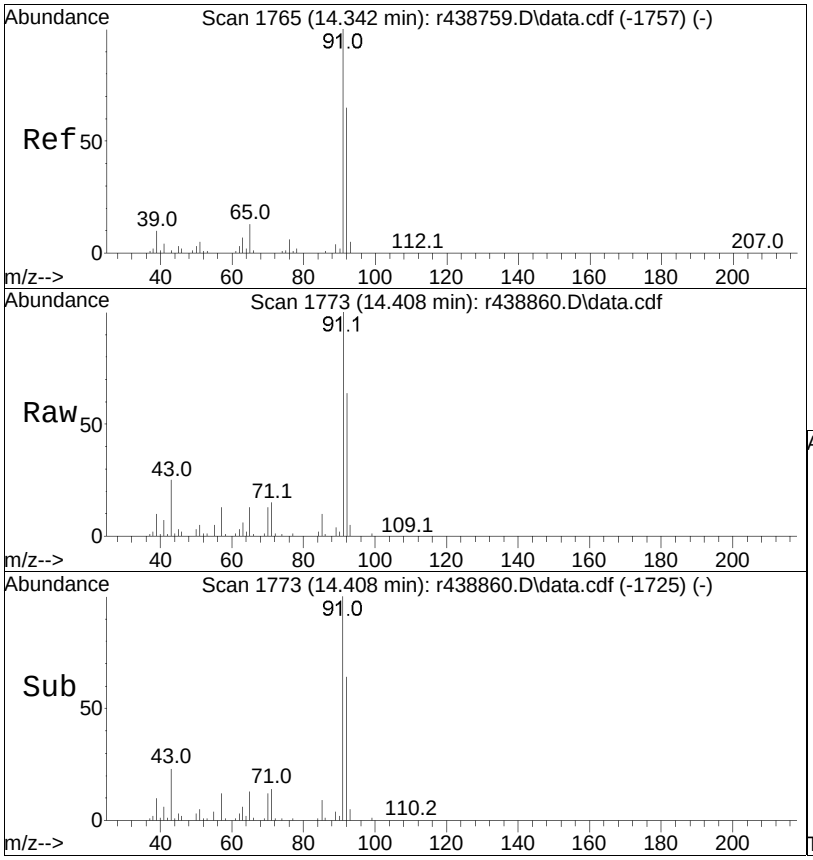


#62
heptane
Concen: 39.78 ppbV
RT: 12.640 min Scan# 1558
Delta R.T. 0.073 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion: 43 Resp: 2006396

Ion	Ratio	Lower	Upper
43	100		
57	64.2	51.4	77.2
100	24.4	19.0	28.4

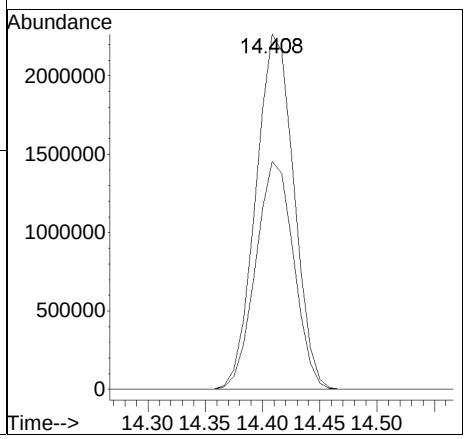


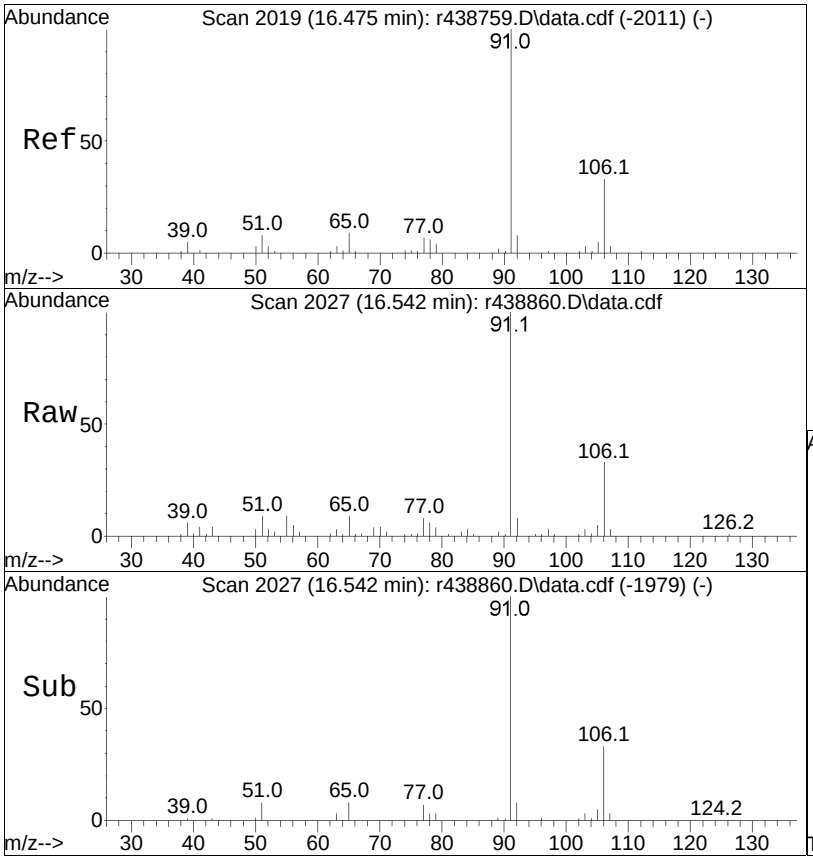


#68
toluene
Concen: 40.85 ppbV
RT: 14.408 min Scan# 1773
Delta R.T. 0.067 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion: 91 Resp: 5240006

Ion	Ratio	Lower	Upper
91	100		
92	64.2	51.7	77.5

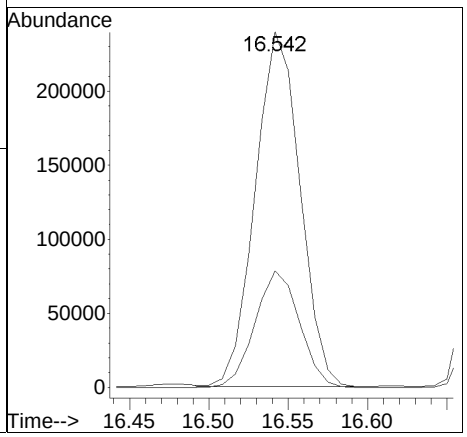


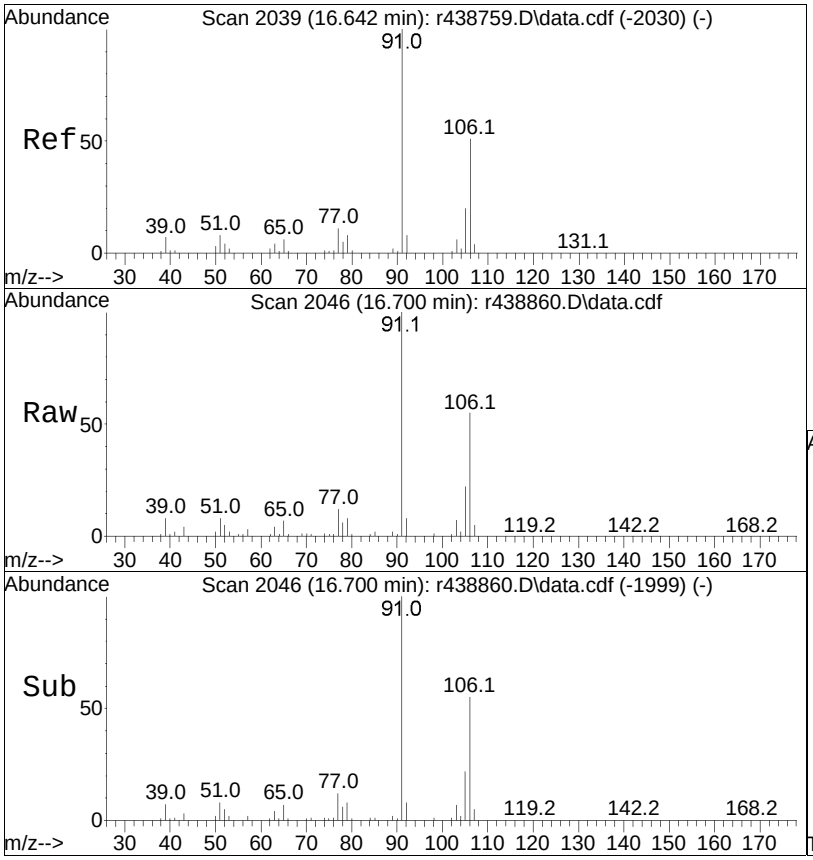


#81
ethylbenzene
Concen: 2.94 ppbV
RT: 16.542 min Scan# 2027
Delta R.T. 0.067 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion: 91 Resp: 469128

Ion	Ratio	Lower	Upper
91	100		
106	32.8	26.7	40.1

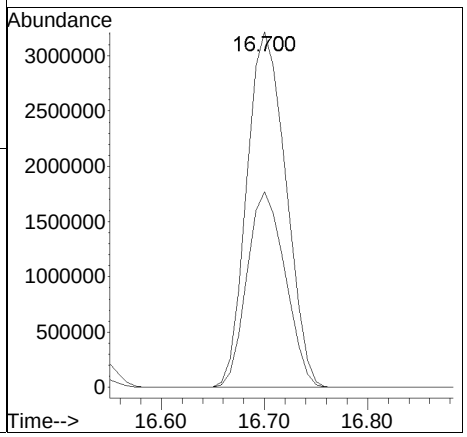


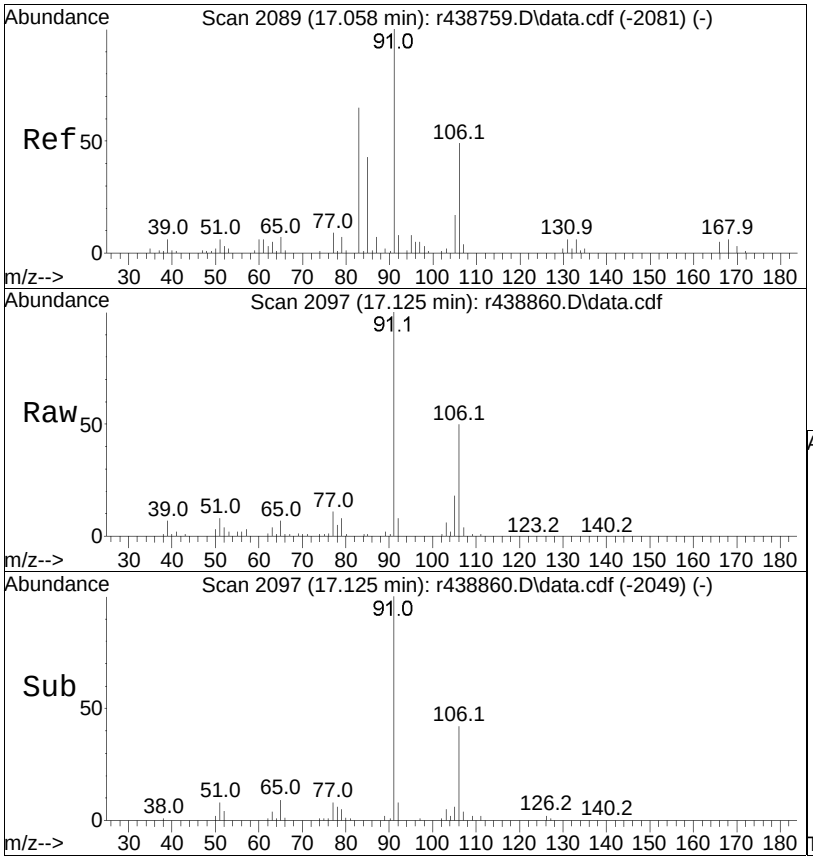


#83
m+p-xylene
Concen: 67.07 ppbV
RT: 16.700 min Scan# 2046
Delta R.T. 0.058 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion: 91 Resp: 8469069

Ion	Ratio	Lower	Upper
91	100		
106	55.0	40.8	61.2

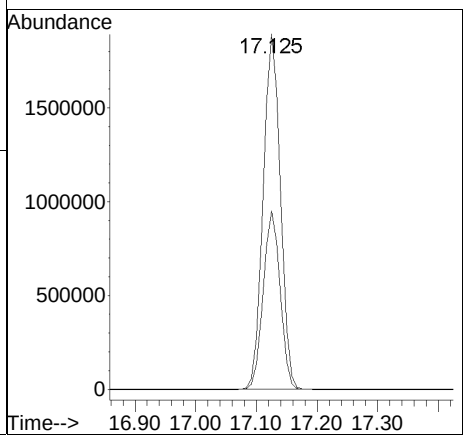


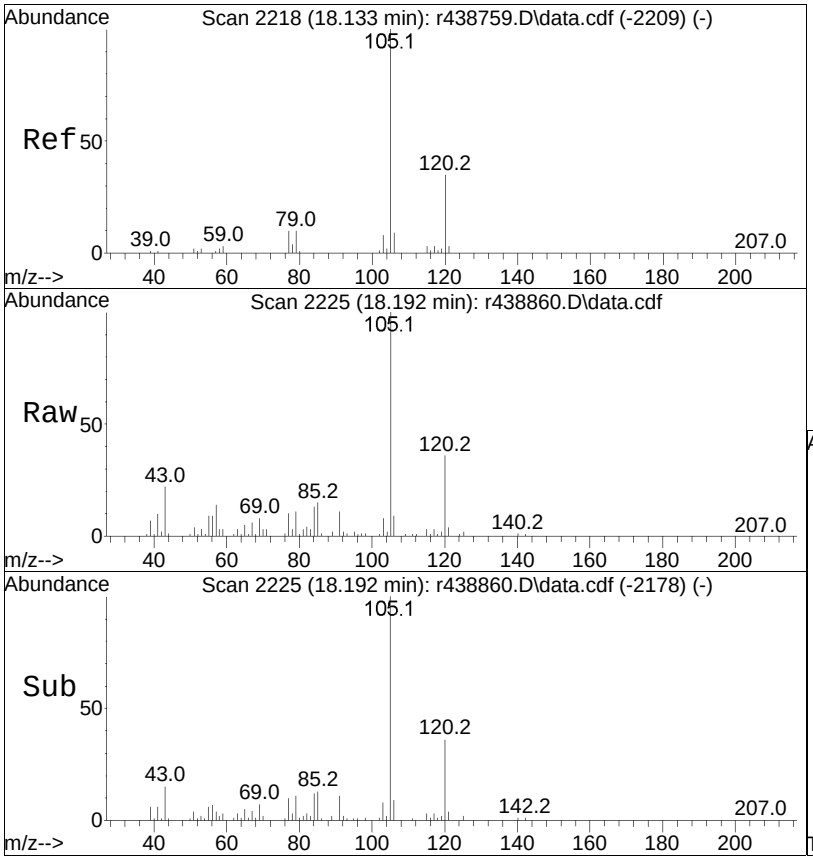


#87
o-xylene
Concen: 30.24 ppbV
RT: 17.125 min Scan# 2097
Delta R.T. 0.067 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion: 91 Resp: 3731066

Ion	Ratio	Lower	Upper
91	100		
106	50.2	39.4	59.0

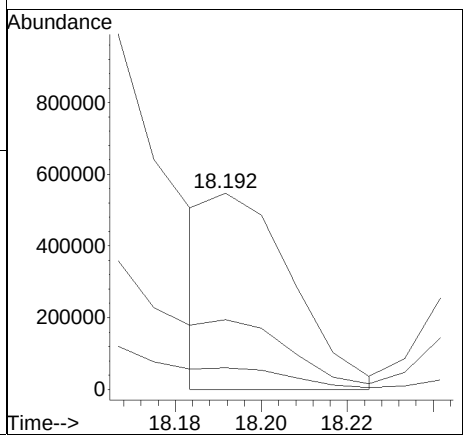


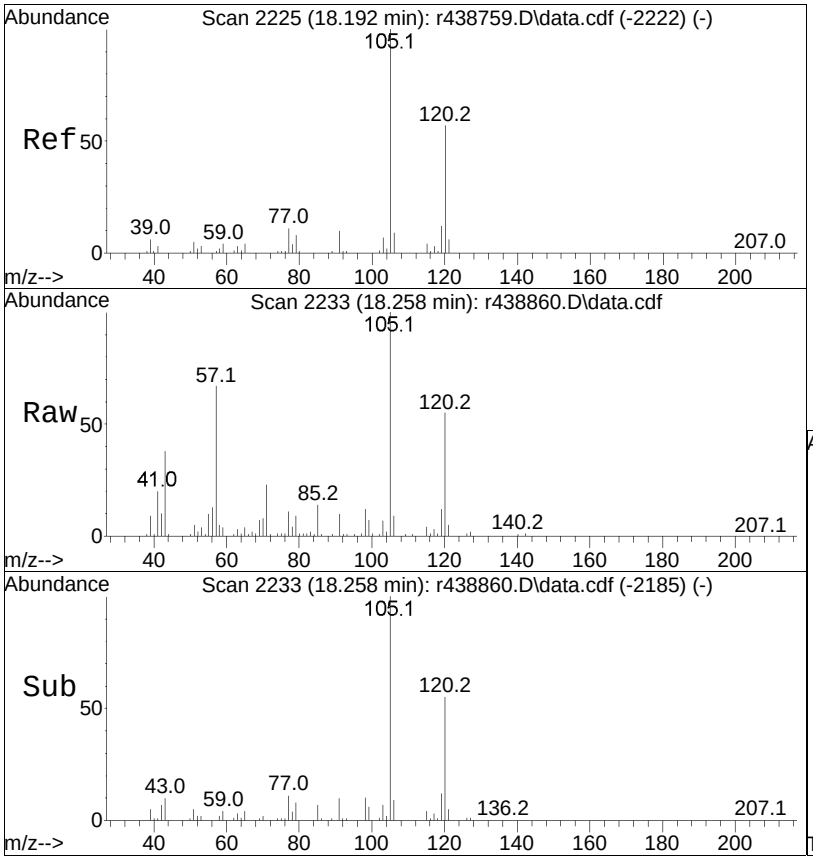


#96
4-ethyl toluene
Concen: 5.29 ppbV m
RT: 18.192 min Scan# 2225
Delta R.T. 0.058 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion:105 Resp: 728148

Ion	Ratio	Lower	Upper
105	100		
120	35.5	28.2	42.4
91	11.0	8.6	12.8

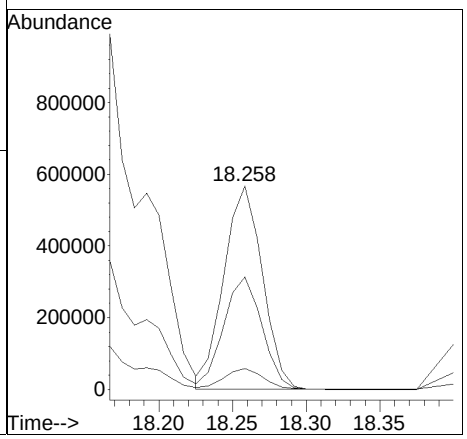


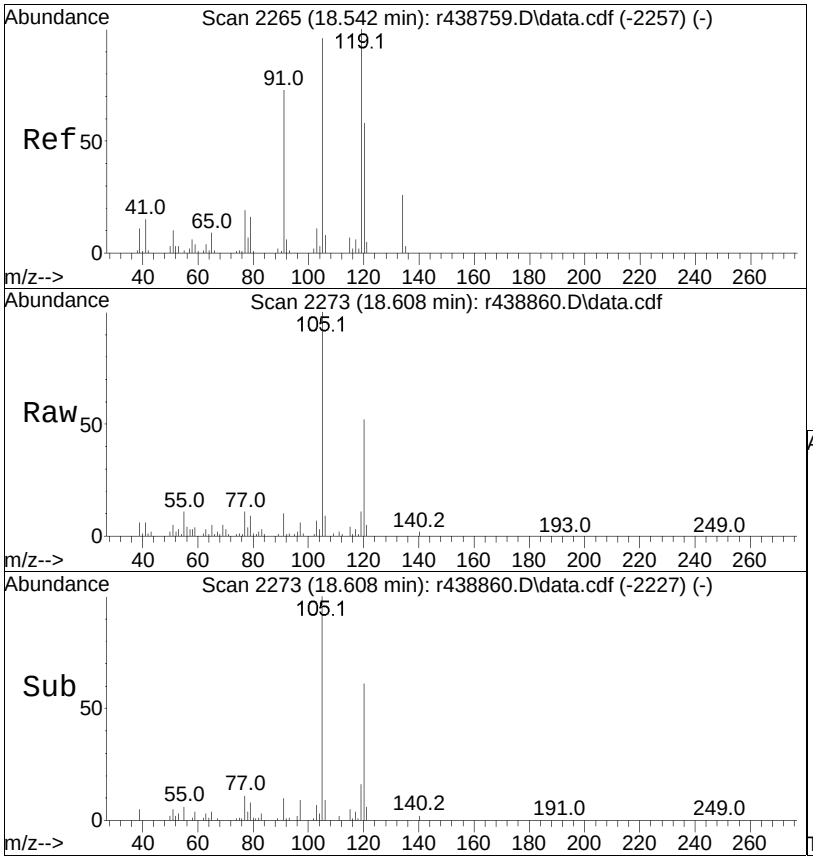


#97
1,3,5-trimethylbenzene
Concen: 6.70 ppbV
RT: 18.258 min Scan# 2233
Delta R.T. 0.067 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion:105 Resp: 1033424

Ion	Ratio	Lower	Upper
105	100		
120	55.3	45.1	67.7
91	10.3	8.0	12.0

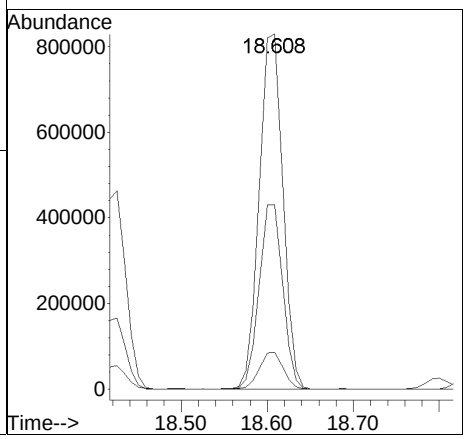




#99
1,2,4-trimethylbenzene
Concen: 12.66 ppbV
RT: 18.608 min Scan# 2273
Delta R.T. 0.067 min
Lab File: r438860.D
Acq: 28 Feb 2025 6:46 AM

Tgt Ion:105 Resp: 1594050

Ion	Ratio	Lower	Upper
105	100		
120	52.0	48.9	73.3
91	10.5	61.0	91.4#

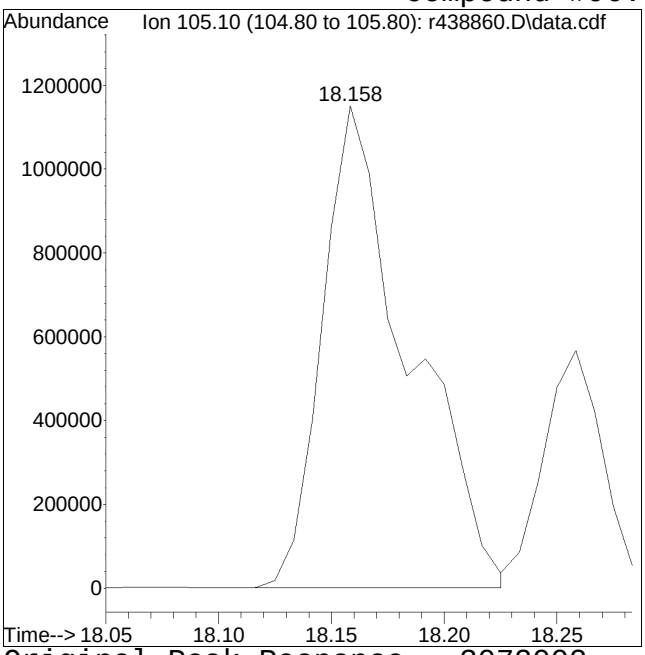


Manual Integration Report

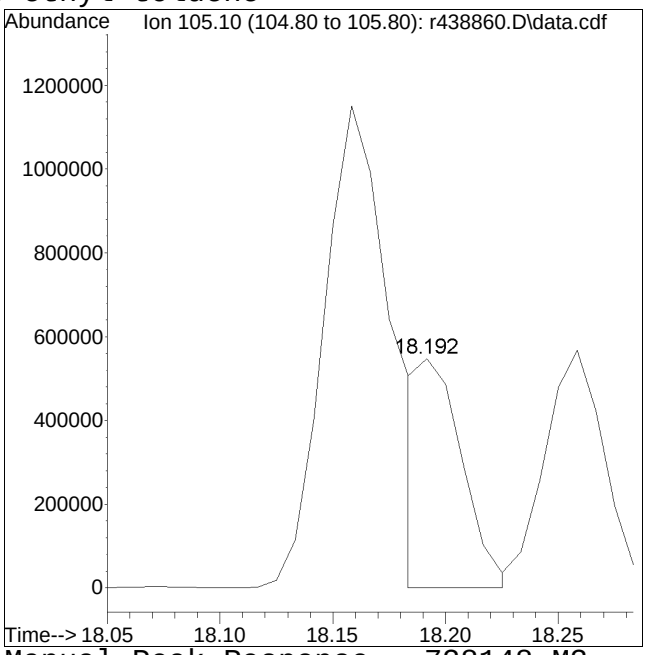
Data Path : X:\Airlab\Data\Airpiano4\2Q
Data File : r438860.D
Date Inj'd : 2/28/2025 6:46 AM
Sample : L2509420-01D,3,30,250

Method : TFS4_250223.M
Operator : AIRPIANO4:TPH
Instrument :
Quant Date : 2/28/2025 7:57 am

Compound #96: 4-ethyl toluene



Original Peak Response = 3072002



Manual Peak Response = 728148 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438861.D
Acq On : 28 Feb 2025 8:22 AM
Operator : AIRPIANO4:TPH
Sample : L2509420-02D2,3,25,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 09:27:16 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : Hexane - .

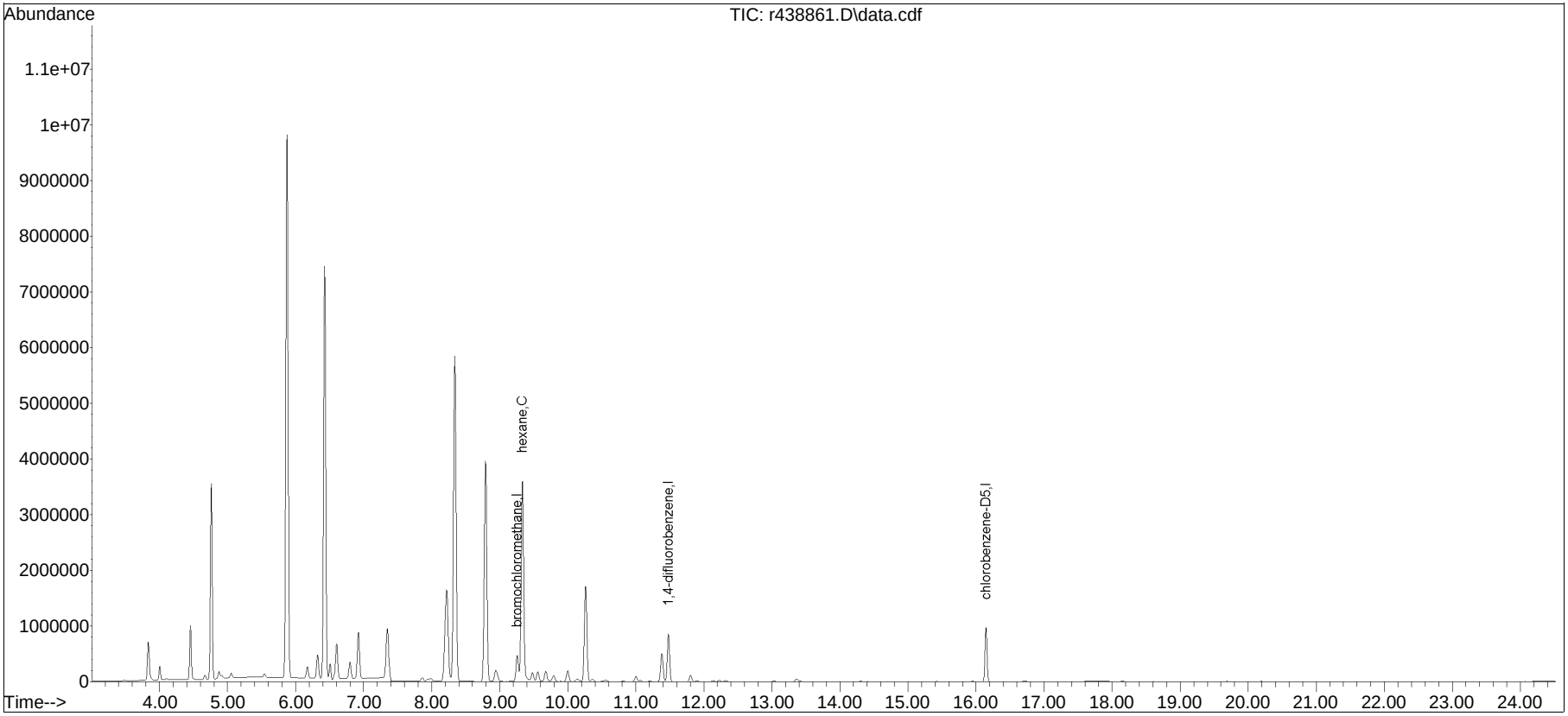
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.258	49	322186	10.000	ppbV	0.07
Standard Area = 343689			Recovery =		93.74%	
43) 1,4-difluorobenzene	11.480	114	924249	10.000	ppbV	0.07
Standard Area = 926999			Recovery =		99.70%	
67) chlorobenzene-D5	16.150	54	149877	10.000	ppbV	0.06
Standard Area = 152882			Recovery =		98.03%	
System Monitoring Compounds						
Target Compounds						Qvalue
44) hexane	9.333	57	2541964	57.009	ppbV #	42

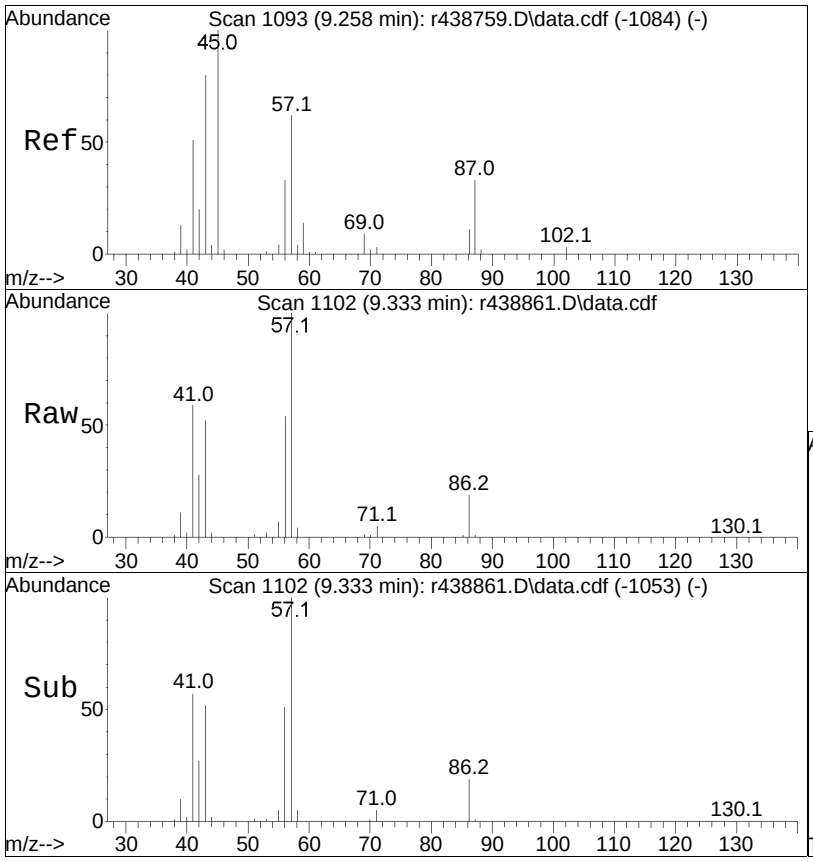
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Hexane - .Data\Airpiano4\2025\02\0227T\r438836.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438861.D
Acq On : 28 Feb 2025 8:22 AM
Operator : AIRPIANO4:TPH
Sample : L2509420-02D2,3,25,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 09:27:16 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

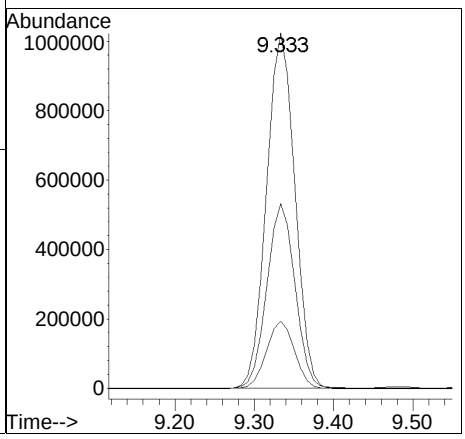




#44
hexane
Concen: 57.01 ppbV
RT: 9.333 min Scan# 1102
Delta R.T. 0.075 min
Lab File: r438861.D
Acq: 28 Feb 2025 8:22 AM

Tgt Ion: 57 Resp: 2541964

Ion	Ratio	Lower	Upper
57	100		
43	52.0	102.6	153.8#
86	19.0	14.5	21.7



Manual Integration Report

Data Path	: X:\Airlab\Data\Airpiano4\2	QMethod	: TFS4_250223.M
Data File	: r438861.D	Operator	: AIRPIANO4:TPH
Date Inj'd	: 2/28/2025 8:22 AM	Instrument	:
Sample	: L2509420-02D2,3,25,250	Quant Date	: 2/28/2025 9:27 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438862.D
Acq On : 28 Feb 2025 8:57 AM
Operator : AIRPIANO4:TPH
Sample : L2509420-01D2,3,15,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 09:27:51 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : Hexane - .

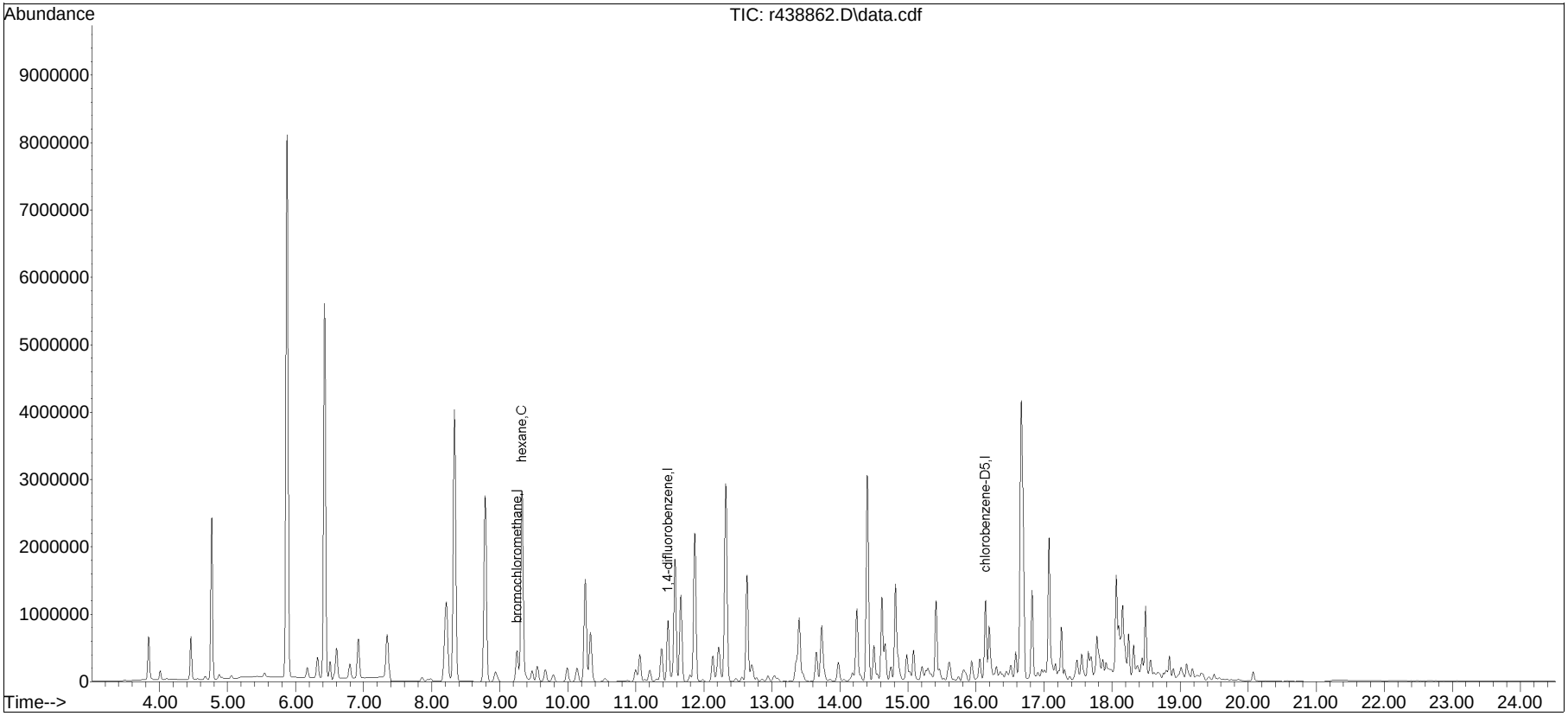
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.258	49	319914	10.000	ppbV	0.07
Standard Area = 343689			Recovery = 93.08%			
43) 1,4-difluorobenzene	11.473	114	944449	10.000	ppbV	0.07
Standard Area = 926999			Recovery = 101.88%			
67) chlorobenzene-D5	16.142	54	161779	10.000	ppbV	0.05
Standard Area = 152882			Recovery = 105.82%			
System Monitoring Compounds						
Target Compounds						Qvalue
44) hexane	9.325	57	2009311	44.099	ppbV	# 41

(#) = qualifier out of range (m) = manual integration (+) = signals summed

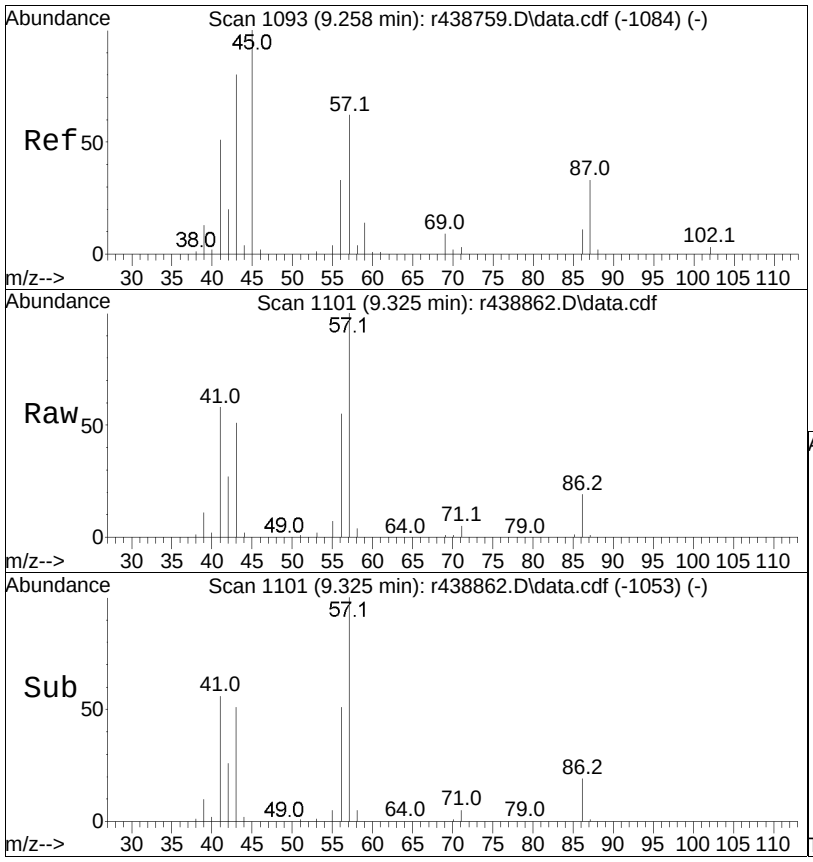
Sub List : Hexane - .Data\Airpiano4\2025\02\0227T\r438836.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438862.D
Acq On : 28 Feb 2025 8:57 AM
Operator : AIRPIANO4:TPH
Sample : L2509420-01D2,3,15,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 09:27:51 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration



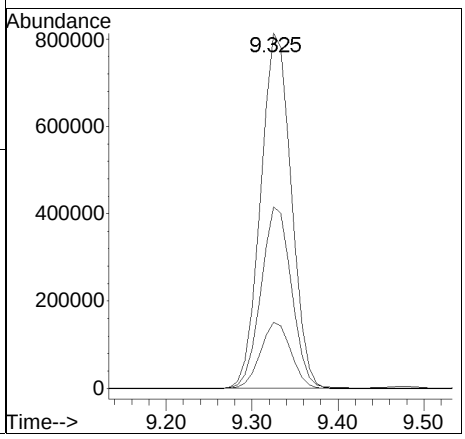
TFS4_250223.M Fri Feb 28 10:27:01 2025 Page: 2



#44
hexane
Concen: 44.10 ppbV
RT: 9.325 min Scan# 1101
Delta R.T. 0.067 min
Lab File: r438862.D
Acq: 28 Feb 2025 8:57 AM

Tgt Ion: 57 Resp: 2009311

Ion	Ratio	Lower	Upper
57	100		
43	51.1	102.6	153.8#
86	18.6	14.5	21.7



Manual Integration Report

Data Path	: X:\Airlab\Data\Airpiano4\2Q	Method	: TFS4_250223.M
Data File	: r438862.D	Operator	: AIRPIANO4:TPH
Date Inj'd	: 2/28/2025 8:57 AM	Instrument	:
Sample	: L2509420-01D2,3,15,250	Quant Date	: 2/28/2025 9:27 am

There are no manual integrations or false positives in this file.

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2509420**
Project Name	**: 1885 ATLANTIC AVE**	**Project Number**	**: 0205125**
Instrument ID	**: AIRPIANO4**	**Ical Ref**	**: ICAL22029**
Calibration dates	**: 02/23/25 23:29 02/24/25 04:05**		

Calibration Files

0.2 =r438755.D 0.5 =r438756.D 1.0 =r438757.D 5.0 =r438758.D 10 =r438759.D 20 =r438760.D

50 =r438761.D 100 =r438762.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoromethane	1.022	1.076	0.994	0.972	0.941	0.883	0.864	0.822	0.947	9.06
3)		propylene		0.896	0.825	0.572	0.539	0.749	0.712	0.748	0.720	17.77
4)		propane		0.991	0.968	0.795	0.795	0.781	0.723	0.685	0.820	14.18
5)		dichlorodifluoromethane	1.587	1.688	1.676	1.501	1.463	1.418	1.287	1.140	1.470	12.85
6)	C	chloromethane	0.676	0.703	0.692	0.619	0.605	0.601	0.581	0.569	0.631	8.25
7)		Freon-114	1.741	1.815	1.778	1.621	1.573	1.523	1.382	1.212	1.581	13.10
8)	C	methanol			0.627	0.358	0.328	0.340	0.315	0.290	0.376	33.18#
9)	C	vinyl chloride	0.936	0.948	0.940	0.869	0.852	0.855	0.812	0.751	0.870	7.94
10)	C	1,3-butadiene	0.609	0.625	0.608	0.438	0.422	0.555	0.529	0.497	0.535	14.66
11)		butane	1.251	1.264	1.242	1.084	1.082	1.123	1.100	1.097	1.155	7.04
12)	C	acetaldehyde		0.426	0.400	0.326	0.297	0.300	0.261	0.218	0.318	23.17
13)	C	bromomethane	0.637	0.643	0.635	0.579	0.578	0.574	0.537	0.487	0.584	9.29
14)	C	chloroethane	0.481	0.535	0.478	0.491	0.412	0.416	0.441	0.399	0.457	10.34
15)		ethanol			0.930	0.565	0.646	0.661	0.455	0.469	0.621	28.02
16)		dichlorofluoromethane	1.730	1.807	1.803	1.588	1.580	1.705	1.674	1.625	1.689	5.25
17)	C	vinyl bromide	0.649	0.671	0.677	0.468	0.465	0.620	0.607	0.598	0.594	14.09
18)	C	acrolein		0.567	0.549	0.476	0.477	0.492	0.470	0.455	0.498	8.58
19)		acetone	1.323	1.268	1.223	0.794	0.786	1.028	0.953	0.868	1.030	20.98
20)	C	acetonitrile	0.967	1.002	0.983	0.863	0.872	0.924	0.928	0.973	0.939	5.47
21)		trichlorofluoromethane	1.494	1.532	1.557	1.401	1.381	1.372	1.275	1.141	1.394	9.93
22)		isopropyl alcohol	1.691	1.780	1.707	0.967	0.964	1.314	1.278	1.266	1.371	23.64
23)	C	acrylonitrile	0.808	0.861	0.850	0.749	0.741	0.761	0.729	0.714	0.777	7.22
24)		pentane	1.638	1.682	1.697	1.495	1.879	1.926	1.966	2.095	1.797	11.14
25)		ethyl ether	1.753	1.758	1.579	1.824	1.780	1.612	1.719	1.370	1.674	8.87
26)	C	1,1-dichloroethene	1.412	1.451	1.449	1.326	1.324	1.332	1.261	1.170	1.341	7.19
27)		tertiary butyl alcohol		2.292	2.279	2.096	2.095	2.152	2.040	1.931	2.126	6.03
28)	C	methylene chloride		0.951	0.941	0.838	0.831	0.816	0.769	0.752	0.843	9.17
29)	C	3-chloropropene	1.263	1.329	1.683	1.261	0.919	1.205	1.208	1.259	1.266	16.51
30)	C	carbon disulfide	2.179	2.312	2.285	1.569	1.570	2.084	1.991	1.905	1.987	14.69
31)		Freon 113	1.539	1.608	1.612	1.463	1.457	1.451	1.348	1.213	1.461	9.15
32)		trans-1,2-dichloroethene	1.357	1.383	1.371	0.947	0.963	1.269	1.219	1.159	1.209	14.47
33)	C	1,1-dichloroethane	1.770	1.760	1.791	1.628	1.646	1.655	1.623	1.609	1.685	4.45
34)	C	MTBE	2.044	2.141	2.159	1.485	1.508	1.991	1.930	1.906	1.896	13.82
35)	C	vinyl acetate			2.776	1.552	1.562	2.129	2.121	2.164	2.051	22.22
36)	C	2-butanone		1.980	1.950	1.290	1.297	1.760	1.745	1.678	1.671	16.78

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2509420**
Project Name	**: 1885 ATLANTIC AVE**	**Project Number**	**: 0205125**
Instrument ID	**: AIRPIANO4**	**Ical Ref**	**: ICAL22029**
Calibration dates	**: 02/23/25 23:29 02/24/25 04:05**		

Calibration Files

0.2 =r438755.D 0.5 =r438756.D 1.0 =r438757.D 5.0 =r438758.D 10 =r438759.D 20 =r438760.D

50 =r438761.D 100 =r438762.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
37)		cis-1,2-dichloroethene	1.354	1.400	1.391	1.264	1.279	1.279	1.232	1.169	1.296	6.18
38)		Ethyl Acetate	0.545	0.572	0.579	0.255	0.254	0.341	0.325	0.306	0.397	35.95#
39)	C	chloroform	1.503	1.521	1.557	1.399	1.381	1.353	1.250	1.142	1.388	10.20
40)		Tetrahydrofuran	0.924	0.941	0.959	0.669	0.687	0.919	0.918	0.965	0.873	13.95
41)		2,2-dichloropropane	1.205	1.248	1.270	1.126	1.131	1.141	1.057	0.967	1.143	8.75
42)	C	1,2-dichloroethane	1.224	1.194	1.167	1.046	1.045	1.042	0.969	0.877	1.071	11.05
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.559	0.595	0.595	0.393	0.395	0.505	0.439	0.378	0.482	19.24
45)		diisopropyl ether	0.333	0.379	0.374	0.290	0.282	0.283	0.257	0.234	0.304	17.45
46)		tert-butyl ethyl ether	1.084	1.198	1.209	1.027	1.044	1.063	0.966	0.876	1.058	10.49
47)	s	1,2-dichloroethane-D4	0.308	0.318	0.318	0.304	0.306	0.325	0.304	0.303	0.311	2.69
48)	C	1,1,1-trichloroethane	0.439	0.493	0.495	0.434	0.442	0.437	0.424	0.372	0.442	8.82
49)		1,1-dichloropropene	0.381	0.419	0.420	0.359	0.368	0.379	0.356	0.349	0.379	7.21
50)	C	benzene	0.936	0.996	1.005	0.860	0.878	0.869	0.818	0.799	0.895	8.57
51)		thiophene	0.724	0.790	0.799	1.699	1.715	0.690	0.637	0.607	0.958	48.80#
52)	C	carbon tetrachloride	0.397	0.428	0.430	0.371	0.378	0.373	0.332	0.287	0.375	12.73
53)		cyclohexane	0.583	0.634	0.636	0.414	0.422	0.552	0.508	0.478	0.528	16.55
54)		tert-amyl methyl ether	0.811	0.893	0.909	0.781	0.800	0.814	0.773	0.757	0.817	6.77
55)		dibromomethane	0.315	0.328	0.330	0.274	0.279	0.279	0.251	0.226	0.285	12.99
56)	C	1,2-dichloropropane	0.376	0.408	0.413	0.359	0.363	0.368	0.349	0.335	0.372	7.29
57)		bromodichloromethane	0.466	0.509	0.517	0.340	0.345	0.448	0.406	0.373	0.426	16.47
58)	C	1,4-dioxane	0.217	0.238	0.230	0.161	0.162	0.216	0.201	0.190	0.202	14.42
59)	C	trichloroethene	0.388	0.421	0.421	0.367	0.370	0.367	0.337	0.315	0.373	9.91
60)	C	2,2,4-trimethylpentane	1.739	1.893	1.906	1.284	1.292	1.666	1.488	1.342	1.576	16.48
61)		methyl methacrylate		0.443	0.444	0.389	0.400	0.413	0.403	0.402	0.414	5.26
62)		heptane	0.541	0.579	0.589	0.386	0.393	0.521	0.501	0.501	0.501	15.22
63)	C	cis-1,3-dichloropropene	0.453	0.492	0.498	0.434	0.446	0.451	0.427	0.422	0.453	6.23
64)	C	4-methyl-2-pentanone		0.700	0.710	0.477	0.493	0.648	0.622	0.620	0.610	15.12
65)		trans-1,3-dichloropropene	0.345	0.382	0.387	0.337	0.344	0.352	0.332	0.327	0.351	6.31
66)	C	1,1,2-trichloroethane	0.371	0.400	0.402	0.347	0.353	0.352	0.327	0.318	0.359	8.60
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	7.913	8.274	8.234	6.726	6.976	6.691	6.358	6.056	7.153	12.12
69)	s	toluene-D8	5.961	6.116	6.870	5.805	6.340	6.156	6.550	7.314	6.389	7.87
70)		2-methylthiophene	0.641	0.700	0.713	1.561	1.596	0.615	0.596	0.576	0.875	49.95#
71)		1,3-dichloropropane	3.135	3.373	3.466	2.817	2.961	2.954	2.951	2.972	3.079	7.42
72)		2-hexanone	3.733	3.949	4.124	2.686	2.888	3.719	3.801	3.753	3.582	14.28

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2509420**
Project Name	**: 1885 ATLANTIC AVE**	**Project Number**	**: 0205125**
Instrument ID	**: AIRPIANO4**	**Ical Ref**	**: ICAL22029**
Calibration dates	**: 02/23/25 23:29 02/24/25 04:05**		

Calibration Files
0.2 =r438755.D 0.5 =r438756.D 1.0 =r438757.D 5.0 =r438758.D 10 =r438759.D 20 =r438760.D
50 =r438761.D 100 =r438762.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
73)		3-methylthiophene	0.684	0.748	0.761	1.670	1.691	0.657	0.630	0.583	0.928	50.45#
74)		dibromochloromethane	2.870	3.049	3.174	1.985	2.078	2.631	2.510	2.377	2.584	16.74
75)	C	1,2-dibromoethane	3.005	3.197	3.370	2.778	2.914	2.841	2.794	2.759	2.957	7.49
76)		butyl acetate		1.027	1.066	0.875	0.933	0.952	0.991	1.050	0.985	7.00
77)		octane	3.215	3.199	3.215	2.669	2.782	2.708	2.642	2.537	2.871	10.06
78)	C	tetrachloroethene	3.284	3.467	3.597	2.985	3.088	2.931	2.795	2.587	3.092	11.02
79)		1,1,1,2-tetrachloroethane	2.302	2.533	2.535	2.109	2.188	2.114	1.997	1.768	2.193	11.90
80)	C	chlorobenzene	5.332	5.853	5.831	4.883	5.102	4.932	4.748	4.414	5.137	9.91
81)	C	ethylbenzene	0.963	1.010	1.024	0.855	0.894	0.842	0.792	0.729	0.889	11.78
82)		2-ethylthiophene	0.750	0.815	0.829	1.805	1.808	0.710	0.670	0.603	0.999	50.46#
83)	C	m+p-xylene	7.545	8.270	8.421	6.987	7.146	6.705	6.021	5.231	7.041	15.29
84)	C	bromoform	2.750	3.018	3.112	2.011	2.099	2.652	2.581	2.387	2.576	15.40
85)	C	styrene	5.261	5.714	5.936	5.175	5.410	5.280	5.211	5.056	5.380	5.54
86)	C	1,1,2,2-tetrachloroethane	4.822	5.308	5.388	4.455	4.603	4.385	4.145	3.705	4.601	12.31
87)	C	o-xylene	7.482	8.228	8.324	6.851	7.102	6.524	5.714	4.803	6.879	17.48
88)		1,2,3-trichloropropane	3.423	3.791	3.851	3.161	3.319	3.299	3.309	3.328	3.435	7.25
89)		nonane	5.012	5.323	5.398	4.447	4.720	4.688	4.644	4.550	4.848	7.35
90)	s	bromofluorobenzene	3.948	4.311	4.573	4.163	4.595	4.294	4.691	5.240	4.477	8.82
91)	C	isopropylbenzene	8.902	9.765	9.742	8.006	8.449	8.222	7.848	7.160	8.512	10.74
92)		bromobenzene	4.834	5.333	5.369	4.450	4.672	4.580	4.470	4.301	4.751	8.47
93)		2-chlorotoluene	2.439	2.808	2.784	2.256	2.379	2.342	2.368	2.295	2.459	8.75
94)		n-propylbenzene	2.809	3.176	3.173	2.593	2.825	2.792	2.774	2.648	2.849	7.61
95)		4-chlorotoluene	2.487	2.700	2.729	2.313	2.464	2.417	2.340	2.326	2.472	6.58
96)		4-ethyl toluene	8.407	9.120	9.059	5.788	6.391	7.975	7.663	7.043	7.681	15.75
97)		1,3,5-trimethylbenzene	0.907	1.021	0.993	0.846	0.852	0.801	0.765	0.692	0.860	12.96
98)		tert-butylbenzene	8.584	9.440	9.528	7.533	7.768	7.509	6.553	5.255	7.771	18.50
99)		1,2,4-trimethylbenzene	7.726	8.319	8.229	6.752	7.332	6.937	6.083	4.785	7.020	16.76
100)		decane	7.377	8.269	8.182	6.634	7.105	6.969	6.354	5.473	7.045	13.18
101)	C	Benzyl Chloride	5.126	5.965	5.984	3.986	4.616	6.120	5.842	5.018	5.332	14.48
102)		1,3-dichlorobenzene	4.556	5.110	5.199	4.233	4.760	4.551	4.297	3.767	4.559	10.34
103)	C	1,4-dichlorobenzene	4.188	4.717	4.555	4.087	4.360	4.291	4.269	3.910	4.297	5.93
104)		sec-butylbenzene	1.082	1.220	1.186	0.957	1.027	1.026	0.958	0.821	1.035	12.51
105)		1,2,3-trimethylbenzene	7.766	8.684	8.516	6.942	7.444	7.247	6.243	4.979	7.228	16.73
106)		p-isopropyltoluene	0.972	1.082	1.045	0.834	0.897	0.883	0.765	0.591	0.884	17.93
107)		1,2-dichlorobenzene	4.101	4.644	4.517	3.788	4.247	4.157	4.157	3.889	4.187	6.86
108)		n-butylbenzene	6.957	8.050	7.358	6.210	6.583	6.794	6.601	5.859	6.802	9.97

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2509420**
Project Name	**: 1885 ATLANTIC AVE**	**Project Number**	**: 0205125**
Instrument ID	**: AIRPIANO4**	**Ical Ref**	**: ICAL22029**
Calibration dates	**: 02/23/25 23:29 02/24/25 04:05**		

Calibration Files
0.2 =r438755.D 0.5 =r438756.D 1.0 =r438757.D 5.0 =r438758.D 10 =r438759.D 20 =r438760.D
50 =r438761.D 100 =r438762.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
109)		indan	6.323	7.216	6.918	5.580	6.189	6.389	6.263	5.859	6.342	8.31
110)		indene	4.390	5.133	4.854	4.129	4.599	4.914	5.065	4.828	4.739	7.25
111)	C	1,2-dibromo-3-chloropr...	1.515	1.657	1.512	1.296	1.492	1.757	1.781	1.670	1.585	10.18
112)		undecane	7.670	8.621	8.729	7.172	7.722	7.544	6.686	5.582	7.466	13.66
113)		1,2,4,5-tetramethylben...	2.963	3.354	3.270	3.691	4.012	3.096	3.209	3.255	3.356	10.10
114)		dodecane	8.302	8.680	8.629	7.291	7.975	7.476	6.611	5.561	7.566	14.21
115)	C	1,2,4-trichlorobenzene	2.288	2.724	2.762	2.520	2.918	2.918	3.251	3.257	2.830	11.80
116)		naphthalene	5.467	6.447	6.406	5.564	6.508	6.718	7.607	7.830	6.568	12.81
117)		1,2,3-trichlorobenzene	2.349	2.734	2.806	2.342	2.690	2.780	3.181	3.237	2.765	11.89
118)		benzothiophene	1.846	2.247	2.304	2.718	3.161	2.569	3.058	3.472	2.672	20.20
119)	C	hexachlorobutadiene	3.874	4.489	4.591	3.818	3.991	3.642	3.261	2.659	3.791	16.56
120)		2-methylnaphthalene			0.326	0.567	0.709	0.393	0.519	0.675	0.531	28.52
121)		1-methylnaphthalene			0.581	0.885	1.071	0.626	0.810	1.008	0.830	23.91

Response Factor Report

Method Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Method File : TFS4_250223.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Feb 27 12:01:40 2025
Response Via : Initial Calibration

Calibration Files
0.2 =r438755.D 0.5 =r438756.D 1.0 =r438757.D 5.0 =r438758.D 10 =r438759.D 20 =r438760.D
50 =r438761.D 100 =r438762.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoro...	1.022	1.076	0.994	0.972	0.941	0.883	0.864	0.822	0.947	9.06
3)		propylene		0.896	0.825	0.572	0.539	0.749	0.712	0.748	0.720	17.77
4)		propane		0.991	0.968	0.795	0.795	0.781	0.723	0.685	0.820	14.18
5)		dichlorodifluo...	1.587	1.688	1.676	1.501	1.463	1.418	1.287	1.140	1.470	12.85
6)	C	chloromethane	0.676	0.703	0.692	0.619	0.605	0.601	0.581	0.569	0.631	8.25
7)		Freon-114	1.741	1.815	1.778	1.621	1.573	1.523	1.382	1.212	1.581	13.10
8)	C	methanol			0.627	0.358	0.328	0.340	0.315	0.290	0.376	33.18#
9)	C	vinyl chloride	0.936	0.948	0.940	0.869	0.852	0.855	0.812	0.751	0.870	7.94
10)	C	1,3-butadiene	0.609	0.625	0.608	0.438	0.422	0.555	0.529	0.497	0.535	14.66
11)		butane	1.251	1.264	1.242	1.084	1.082	1.123	1.100	1.097	1.155	7.04
12)	C	acetaldehyde		0.426	0.400	0.326	0.297	0.300	0.261	0.218	0.318	23.17
13)	C	bromomethane	0.637	0.643	0.635	0.579	0.578	0.574	0.537	0.487	0.584	9.29
14)	C	chloroethane	0.481	0.535	0.478	0.491	0.412	0.416	0.441	0.399	0.457	10.34
15)		ethanol			0.930	0.565	0.646	0.661	0.455	0.469	0.621	28.02
16)		dichlorofluoro...	1.730	1.807	1.803	1.588	1.580	1.705	1.674	1.625	1.689	5.25
17)	C	vinyl bromide	0.649	0.671	0.677	0.468	0.465	0.620	0.607	0.598	0.594	14.09
18)	C	acrolein		0.567	0.549	0.476	0.477	0.492	0.470	0.455	0.498	8.58
19)		acetone	1.323	1.268	1.223	0.794	0.786	1.028	0.953	0.868	1.030	20.98
20)	C	acetonitrile	0.967	1.002	0.983	0.863	0.872	0.924	0.928	0.973	0.939	5.47
21)		trichlorofluor...	1.494	1.532	1.557	1.401	1.381	1.372	1.275	1.141	1.394	9.93
22)		isopropyl alcohol	1.691	1.780	1.707	0.967	0.964	1.314	1.278	1.266	1.371	23.64
23)	C	acrylonitrile	0.808	0.861	0.850	0.749	0.741	0.761	0.729	0.714	0.777	7.22
24)		pentane	1.638	1.682	1.697	1.495	1.879	1.926	1.966	2.095	1.797	11.14
25)		ethyl ether	1.753	1.758	1.579	1.824	1.780	1.612	1.719	1.370	1.674	8.87
26)	C	1,1-dichloroet...	1.412	1.451	1.449	1.326	1.324	1.332	1.261	1.170	1.341	7.19
27)		tertiary butyl...		2.292	2.279	2.096	2.095	2.152	2.040	1.931	2.126	6.03
28)	C	methylene chlo...		0.951	0.941	0.838	0.831	0.816	0.769	0.752	0.843	9.17
29)	C	3-chloropropene	1.263	1.329	1.683	1.261	0.919	1.205	1.208	1.259	1.266	16.51
30)	C	carbon disulfide	2.179	2.312	2.285	1.569	1.570	2.084	1.991	1.905	1.987	14.69
31)		Freon 113	1.539	1.608	1.612	1.463	1.457	1.451	1.348	1.213	1.461	9.15

Response Factor Report

Method Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Method File : TFS4_250223.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Feb 27 12:01:40 2025
Response Via : Initial Calibration

Calibration Files
0.2 =r438755.D 0.5 =r438756.D 1.0 =r438757.D 5.0 =r438758.D 10 =r438759.D 20 =r438760.D
50 =r438761.D 100 =r438762.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
32)		trans-1,2-dich...	1.357	1.383	1.371	0.947	0.963	1.269	1.219	1.159	1.209	14.47
33)	C	1,1-dichloroet...	1.770	1.760	1.791	1.628	1.646	1.655	1.623	1.609	1.685	4.45
34)	C	MTBE	2.044	2.141	2.159	1.485	1.508	1.991	1.930	1.906	1.896	13.82
35)	C	vinyl acetate			2.776	1.552	1.562	2.129	2.121	2.164	2.051	22.22
36)	C	2-butanone			1.980	1.950	1.290	1.297	1.760	1.745	1.678	1.671	16.78
37)		cis-1,2-dichlo...	1.354	1.400	1.391	1.264	1.279	1.279	1.232	1.169	1.296	6.18
38)		Ethyl Acetate	0.545	0.572	0.579	0.255	0.254	0.341	0.325	0.306	0.397	35.95#
39)	C	chloroform	1.503	1.521	1.557	1.399	1.381	1.353	1.250	1.142	1.388	10.20
40)		Tetrahydrofuran	0.924	0.941	0.959	0.669	0.687	0.919	0.918	0.965	0.873	13.95
41)		2,2-dichloropr...	1.205	1.248	1.270	1.126	1.131	1.141	1.057	0.967	1.143	8.75
42)	C	1,2-dichloroet...	1.224	1.194	1.167	1.046	1.045	1.042	0.969	0.877	1.071	11.05
43)	I	1,4-difluorobenzene	----------	----------	ISTD	----------	----------	----------	----------	----------		
44)	C	hexane	0.559	0.595	0.595	0.393	0.395	0.505	0.439	0.378	0.482	19.24
45)		diisopropyl ether	0.333	0.379	0.374	0.290	0.282	0.283	0.257	0.234	0.304	17.45
46)		tert-butyl eth...	1.084	1.198	1.209	1.027	1.044	1.063	0.966	0.876	1.058	10.49
47)	s	1,2-dichloroet...	0.308	0.318	0.318	0.304	0.306	0.325	0.304	0.303	0.311	2.69
48)	C	1,1,1-trichlor...	0.439	0.493	0.495	0.434	0.442	0.437	0.424	0.372	0.442	8.82
49)		1,1-dichloropr...	0.381	0.419	0.420	0.359	0.368	0.379	0.356	0.349	0.379	7.21
50)	C	benzene	0.936	0.996	1.005	0.860	0.878	0.869	0.818	0.799	0.895	8.57
51)		thiophene	0.724	0.790	0.799	1.699	1.715	0.690	0.637	0.607	0.958	48.80#
52)	C	carbon tetrach...	0.397	0.428	0.430	0.371	0.378	0.373	0.332	0.287	0.375	12.73
53)		cyclohexane	0.583	0.634	0.636	0.414	0.422	0.552	0.508	0.478	0.528	16.55
54)		tert-amyl meth...	0.811	0.893	0.909	0.781	0.800	0.814	0.773	0.757	0.817	6.77
55)		dibromomethane	0.315	0.328	0.330	0.274	0.279	0.279	0.251	0.226	0.285	12.99
56)	C	1,2-dichloropr...	0.376	0.408	0.413	0.359	0.363	0.368	0.349	0.335	0.372	7.29
57)		bromodichlorom...	0.466	0.509	0.517	0.340	0.345	0.448	0.406	0.373	0.426	16.47
58)	C	1,4-dioxane	0.217	0.238	0.230	0.161	0.162	0.216	0.201	0.190	0.202	14.42
59)	C	trichloroethene	0.388	0.421	0.421	0.367	0.370	0.367	0.337	0.315	0.373	9.91
60)	C	2,2,4-trimethy...	1.739	1.893	1.906	1.284	1.292	1.666	1.488	1.342	1.576	16.48
61)		methyl methacr...			0.443	0.444	0.389	0.400	0.413	0.403	0.402	0.414	5.26
62)		heptane	0.541	0.579	0.589	0.386	0.393	0.521	0.501	0.501	0.501	15.22

Response Factor Report

Method Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Method File : TFS4_250223.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Feb 27 12:01:40 2025
Response Via : Initial Calibration

Calibration Files
0.2 =r438755.D 0.5 =r438756.D 1.0 =r438757.D 5.0 =r438758.D 10 =r438759.D 20 =r438760.D
50 =r438761.D 100 =r438762.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
63)	C	cis-1,3-dichlo...	0.453	0.492	0.498	0.434	0.446	0.451	0.427	0.422	0.453	6.23
64)	C	4-methyl-2-pen...		0.700	0.710	0.477	0.493	0.648	0.622	0.620	0.610	15.12
65)		trans-1,3-dich...	0.345	0.382	0.387	0.337	0.344	0.352	0.332	0.327	0.351	6.31
66)	C	1,1,2-trichlor...	0.371	0.400	0.402	0.347	0.353	0.352	0.327	0.318	0.359	8.60
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	7.913	8.274	8.234	6.726	6.976	6.691	6.358	6.056	7.153	12.12
69)	s	toluene-D8	5.961	6.116	6.870	5.805	6.340	6.156	6.550	7.314	6.389	7.87
70)		2-methylthiophene	0.641	0.700	0.713	1.561	1.596	0.615	0.596	0.576	0.875	49.95#
71)		1,3-dichloropr...	3.135	3.373	3.466	2.817	2.961	2.954	2.951	2.972	3.079	7.42
72)		2-hexanone	3.733	3.949	4.124	2.686	2.888	3.719	3.801	3.753	3.582	14.28
73)		3-methylthiophene	0.684	0.748	0.761	1.670	1.691	0.657	0.630	0.583	0.928	50.45#
74)		dibromochlorom...	2.870	3.049	3.174	1.985	2.078	2.631	2.510	2.377	2.584	16.74
75)	C	1,2-dibromoethane	3.005	3.197	3.370	2.778	2.914	2.841	2.794	2.759	2.957	7.49
76)		butyl acetate		1.027	1.066	0.875	0.933	0.952	0.991	1.050	0.985	7.00
77)		octane	3.215	3.199	3.215	2.669	2.782	2.708	2.642	2.537	2.871	10.06
78)	C	tetrachloroethene	3.284	3.467	3.597	2.985	3.088	2.931	2.795	2.587	3.092	11.02
79)		1,1,1,2-tetrac...	2.302	2.533	2.535	2.109	2.188	2.114	1.997	1.768	2.193	11.90
80)	C	chlorobenzene	5.332	5.853	5.831	4.883	5.102	4.932	4.748	4.414	5.137	9.91
81)	C	ethylbenzene	0.963	1.010	1.024	0.855	0.894	0.842	0.792	0.729	0.889	11.78
82)		2-ethylthiophene	0.750	0.815	0.829	1.805	1.808	0.710	0.670	0.603	0.999	50.46#
83)	C	m+p-xylene	7.545	8.270	8.421	6.987	7.146	6.705	6.021	5.231	7.041	15.29
84)	C	bromoform	2.750	3.018	3.112	2.011	2.099	2.652	2.581	2.387	2.576	15.40
85)	C	styrene	5.261	5.714	5.936	5.175	5.410	5.280	5.211	5.056	5.380	5.54
86)	C	1,1,2,2-tetrac...	4.822	5.308	5.388	4.455	4.603	4.385	4.145	3.705	4.601	12.31
87)	C	o-xylene	7.482	8.228	8.324	6.851	7.102	6.524	5.714	4.803	6.879	17.48
88)		1,2,3-trichlor...	3.423	3.791	3.851	3.161	3.319	3.299	3.309	3.328	3.435	7.25
89)		nonane	5.012	5.323	5.398	4.447	4.720	4.688	4.644	4.550	4.848	7.35
90)	s	bromofluoroben...	3.948	4.311	4.573	4.163	4.595	4.294	4.691	5.240	4.477	8.82
91)	C	isopropylbenzene	8.902	9.765	9.742	8.006	8.449	8.222	7.848	7.160	8.512	10.74
92)		bromobenzene	4.834	5.333	5.369	4.450	4.672	4.580	4.470	4.301	4.751	8.47
93)		2-chlorotoluene	2.439	2.808	2.784	2.256	2.379	2.342	2.368	2.295	2.459	8.75

Response Factor Report

Method Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Method File : TFS4_250223.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Feb 27 12:01:40 2025
Response Via : Initial Calibration

Calibration Files
0.2 =r438755.D 0.5 =r438756.D 1.0 =r438757.D 5.0 =r438758.D 10 =r438759.D 20 =r438760.D
50 =r438761.D 100 =r438762.D

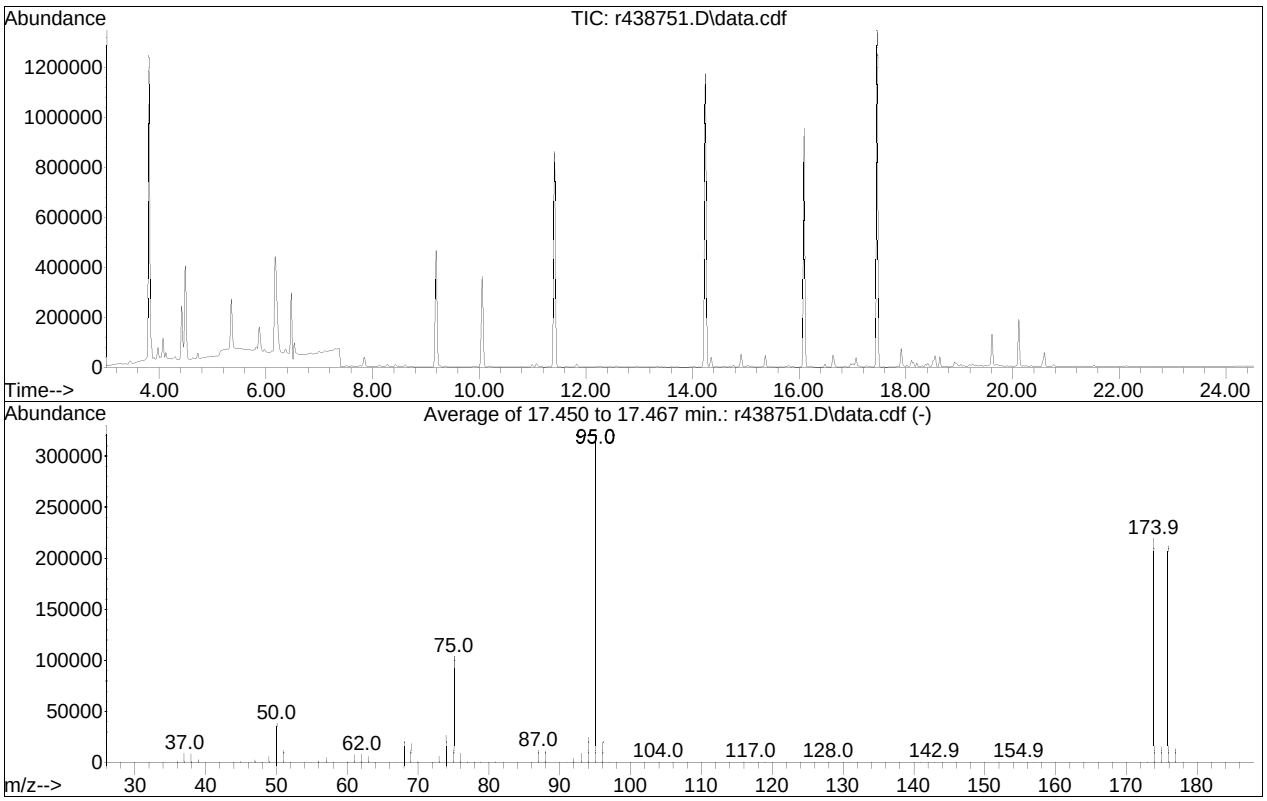
		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
94)		n-propylbenzene	2.809	3.176	3.173	2.593	2.825	2.792	2.774	2.648	2.849	7.61
95)		4-chlorotoluene	2.487	2.700	2.729	2.313	2.464	2.417	2.340	2.326	2.472	6.58
96)		4-ethyl toluene	8.407	9.120	9.059	5.788	6.391	7.975	7.663	7.043	7.681	15.75
97)		1,3,5-trimethy...	0.907	1.021	0.993	0.846	0.852	0.801	0.765	0.692	0.860	12.96
98)		tert-butylbenzene	8.584	9.440	9.528	7.533	7.768	7.509	6.553	5.255	7.771	18.50
99)		1,2,4-trimethy...	7.726	8.319	8.229	6.752	7.332	6.937	6.083	4.785	7.020	16.76
100)		decane	7.377	8.269	8.182	6.634	7.105	6.969	6.354	5.473	7.045	13.18
101)	C	Benzyl Chloride	5.126	5.965	5.984	3.986	4.616	6.120	5.842	5.018	5.332	14.48
102)		1,3-dichlorobe...	4.556	5.110	5.199	4.233	4.760	4.551	4.297	3.767	4.559	10.34
103)	C	1,4-dichlorobe...	4.188	4.717	4.555	4.087	4.360	4.291	4.269	3.910	4.297	5.93
104)		sec-butylbenzene	1.082	1.220	1.186	0.957	1.027	1.026	0.958	0.821	1.035	12.51
105)		1,2,3-trimethy...	7.766	8.684	8.516	6.942	7.444	7.247	6.243	4.979	7.228	16.73
106)		p-isopropyltol...	0.972	1.082	1.045	0.834	0.897	0.883	0.765	0.591	0.884	17.93
107)		1,2-dichlorobe...	4.101	4.644	4.517	3.788	4.247	4.157	4.157	3.889	4.187	6.86
108)		n-butylbenzene	6.957	8.050	7.358	6.210	6.583	6.794	6.601	5.859	6.802	9.97
109)		indan	6.323	7.216	6.918	5.580	6.189	6.389	6.263	5.859	6.342	8.31
110)		indene	4.390	5.133	4.854	4.129	4.599	4.914	5.065	4.828	4.739	7.25
111)	C	1,2-dibromo-3-...	1.515	1.657	1.512	1.296	1.492	1.757	1.781	1.670	1.585	10.18
112)		undecane	7.670	8.621	8.729	7.172	7.722	7.544	6.686	5.582	7.466	13.66
113)		1,2,4,5-tetram...	2.963	3.354	3.270	3.691	4.012	3.096	3.209	3.255	3.356	10.10
114)		dodecane	8.302	8.680	8.629	7.291	7.975	7.476	6.611	5.561	7.566	14.21
115)	C	1,2,4-trichlor...	2.288	2.724	2.762	2.520	2.918	2.918	3.251	3.257	2.830	11.80
116)		naphthalene	5.467	6.447	6.406	5.564	6.508	6.718	7.607	7.830	6.568	12.81
117)		1,2,3-trichlor...	2.349	2.734	2.806	2.342	2.690	2.780	3.181	3.237	2.765	11.89
118)		benzothiophene	1.846	2.247	2.304	2.718	3.161	2.569	3.058	3.472	2.672	20.20
119)	C	hexachlorobuta...	3.874	4.489	4.591	3.818	3.991	3.642	3.261	2.659	3.791	16.56
120)		2-methylnaphth...			0.326	0.567	0.709	0.393	0.519	0.675	0.531	28.52
121)		1-methylnaphth...			0.581	0.885	1.071	0.626	0.810	1.008	0.830	23.91

(#) = Out of Range

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438751.D
Acq On : 23 Feb 2025 9:02 PM
Operator : AIRPIANO4:JJT
Sample : WG2034843-1
Misc : WG2034843,250ml
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Feb 27 12:01:40 2025



Spectrum Information: Average of 17.450 to 17.467 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	12.1	38070	PASS
75	95	30	66	33.0	103867	PASS
95	95	100	100	100.0	314410	PASS
96	95	5	9	6.6	20628	PASS
173	174	0.00	2	0.5	1142	PASS
174	95	50	120	69.7	219216	PASS
175	174	4	9	7.1	15470	PASS
176	174	93	101	97.1	212967	PASS
177	176	5	9	6.6	13982	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438755.D
Acq On : 23 Feb 2025 11:29 PM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD0.2
Misc : WG2034843,50 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:09 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.192	49	320060	10.000	ppbV	0.00
Standard Area = 323895			Recovery = 98.82%			
43) 1,4-difluorobenzene	11.407	114	982452	10.000	ppbV	0.00
Standard Area = 991542			Recovery = 99.08%			
67) chlorobenzene-D5	16.092	54	160047	10.000	ppbV	0.00
Standard Area = 161524			Recovery = 99.09%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.058	65	302261	10.053	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.53%			
69) toluene-D8	14.242	98	953996	9.402	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.02%			
90) bromofluorobenzene	17.458	95	631827	8.591	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 85.91%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.018	51	6541	0.217	ppbV	97
3) propylene	4.048	41	6109M6	0.354	ppbV	
4) propane	4.072	29	6450	0.254	ppbV	91
5) dichlorodifluoromethane	4.120	85	10156	0.217	ppbV	100
6) chloromethane	4.288	50	4328	0.223	ppbV	96
7) Freon-114	4.396	85	11144	0.221	ppbV	99
8) methanol	4.510	31	22032	2.096	ppbV #	1
9) vinyl chloride	4.516	62	5993	0.220	ppbV	99
10) 1,3-butadiene	4.666	54	3899	0.289	ppbV	98
11) butane	4.720	43	8005	0.231	ppbV	96
12) acetaldehyde	4.450	29	14725	1.549	ppbV #	85
13) bromomethane	4.948	94	4077	0.220	ppbV	95
14) chloroethane	5.140	64	3077	0.233	ppbV	91
15) ethanol	5.383	31	36455	1.762	ppbV	99
16) dichlorofluoromethane	5.242	67	11076	0.219	ppbV	97
17) vinyl bromide	5.513	106	4155	0.279	ppbV	97
18) acrolein	5.700	56	3509	0.230	ppbV #	34
19) acetone	5.917	43	42328	1.682	ppbV	100
20) acetonitrile	5.553	41	6191	0.222	ppbV #	1
21) trichlorofluoromethane	5.970	101	9565	0.216	ppbV	96
22) isopropyl alcohol	6.237	45	27068	0.878	ppbV	99
23) acrylonitrile	6.330	53	5172	0.218	ppbV	99
24) pentane	6.363	43	10483	0.174	ppbV	98

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438755.D
Acq On : 23 Feb 2025 11:29 PM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD0.2
Misc : WG2034843,50 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:09 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.504	31	11224	0.197	ppbV		99
26) 1,1-dichloroethene	6.666	61	9040	0.213	ppbV		98
27) tertiary butyl alcohol	6.996	59	13503	0.201	ppbV		98
28) methylene chloride	6.798	49	6115	0.230	ppbV		97
29) 3-chloropropene	6.936	41	8083	0.275	ppbV		99
30) carbon disulfide	7.104	76	13946	0.278	ppbV	#	84
31) Freon 113	7.104	101	9854	0.211	ppbV		95
32) trans-1,2-dichloroethene	7.842	61	8686	0.282	ppbV		99
33) 1,1-dichloroethane	8.067	63	11328	0.215	ppbV		99
34) MTBE	8.300	73	13081	0.271	ppbV	#	1
35) vinyl acetate	8.300	43	16718	0.334	ppbV		96
36) 2-butanone	8.650	43	12138	0.292	ppbV		99
37) cis-1,2-dichloroethene	9.008	61	8668	0.212	ppbV		97
38) Ethyl Acetate	9.392	61	3488M6	0.429	ppbV		
39) chloroform	9.342	83	9618	0.218	ppbV		97
40) Tetrahydrofuran	9.917	42	5916	0.269	ppbV		96
41) 2,2-dichloropropane	9.375	77	7711	0.213	ppbV	#	82
42) 1,2-dichloroethane	10.175	62	7837	0.234	ppbV		99
44) hexane	9.267	57	10987	0.283	ppbV	#	41
45) diisopropyl ether	9.392	87	6542	0.236	ppbV		89
46) tert-butyl ethyl ether	10.008	59	21290	0.208	ppbV		100
48) 1,1,1-trichloroethane	10.467	97	8635	0.199	ppbV		94
49) 1,1-dichloropropene	10.827	75	7492	0.207	ppbV		97
50) benzene	10.993	78	18390	0.213	ppbV		97
51) thiophene	11.140	84	14223	0.084	ppbV		99
52) carbon tetrachloride	11.160	117	7796	0.210	ppbV		96
53) cyclohexane	11.313	56	11453	0.276	ppbV		99
54) tert-amyl methyl ether	11.807	73	15931	0.203	ppbV		99
55) dibromomethane	11.900	93	6191	0.226	ppbV		97
56) 1,2-dichloropropane	11.940	63	7397	0.207	ppbV		98
57) bromodichloromethane	12.153	83	9147	0.270	ppbV		99
58) 1,4-dioxane	12.387	88	4266	0.268	ppbV	#	67
59) trichloroethene	12.207	130	7631	0.210	ppbV		98
60) 2,2,4-trimethylpentane	12.260	57	34172	0.269	ppbV		100
61) methyl methacrylate	12.500	41	7815	0.199	ppbV		97
62) heptane	12.573	43	10631	0.275	ppbV		97
63) cis-1,3-dichloropropene	13.217	75	8897	0.203	ppbV		98
64) 4-methyl-2-pentanone	13.400	43	12137	0.251	ppbV		99
65) trans-1,3-dichloropropene	13.842	75	6784	0.201	ppbV		99
66) 1,1,2-trichloroethane	14.042	97	7295	0.211	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438755.D
Acq On : 23 Feb 2025 11:29 PM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD0.2
Misc : WG2034843,50 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:09 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	14.350	91	25328	0.227	ppbV	98
70) 2-methylthiophene	14.417	97	20503	0.080	ppbV	99
71) 1,3-dichloropropane	14.375	76	10034	0.212	ppbV	98
72) 2-hexanone	14.725	43	11948	0.258	ppbV	98
73) 3-methylthiophene	14.600	97	21903	0.081	ppbV	99
74) dibromochloromethane	14.783	129	9186	0.276	ppbV	95
75) 1,2-dibromoethane	15.033	107	9618	0.206	ppbV	98
76) butyl acetate	15.333	73	2853	0.191	ppbV	92
77) octane	15.367	85	10292	0.231	ppbV	89
78) tetrachloroethene	15.492	166	10511	0.213	ppbV	97
79) 1,1,1,2-tetrachloroethane	16.117	131	7367	0.210	ppbV	95
80) chlorobenzene	16.133	112	17066	0.209	ppbV	97
81) ethylbenzene	16.483	91	30841	0.216	ppbV	99
82) 2-ethylthiophene	16.517	97	24007	0.083	ppbV	98
83) m+p-xylene	16.642	91	48301	0.422	ppbV	98
84) bromoform	16.708	173	8802	0.262	ppbV	98
85) styrene	16.967	104	16840	0.195	ppbV	99
86) 1,1,2,2-tetrachloroethane	17.067	83	15436	0.210	ppbV	99
87) o-xylene	17.067	91	23950	0.211	ppbV	97
88) 1,2,3-trichloropropane	17.183	75	10958	0.206	ppbV	99
89) nonane	17.267	43	16042	0.212	ppbV	99
91) isopropylbenzene	17.583	105	28495	0.211	ppbV	100
92) bromobenzene	17.650	77	15474	0.207	ppbV	99
93) 2-chlorotoluene	17.992	126	7807	0.205	ppbV	93
94) n-propylbenzene	18.017	120	8991	0.199	ppbV	97
95) 4-chlorotoluene	18.050	126	7960	0.202	ppbV	100
96) 4-ethyl toluene	18.142	105	26910	0.263	ppbV	100
97) 1,3,5-trimethylbenzene	18.200	105	29044	0.213	ppbV	97
98) tert-butylbenzene	18.550	119	27476	0.221	ppbV	100
99) 1,2,4-trimethylbenzene	18.550	105	24729	0.211	ppbV	98
100) decane	18.633	57	23614	0.208	ppbV	98
101) Benzyl Chloride	18.675	91	16409	0.222	ppbV	98
102) 1,3-dichlorobenzene	18.683	146	14582	0.191	ppbV	98
103) 1,4-dichlorobenzene	18.742	146	13407	0.192	ppbV	98
104) sec-butylbenzene	18.783	105	34650	0.211	ppbV	99
105) 1,2,3-trimethylbenzene	18.908	105	24860	0.209	ppbV	99
106) p-isopropyltoluene	18.908	119	31118	0.217	ppbV	99
107) 1,2-dichlorobenzene	19.033	146	13128	0.193	ppbV	98
108) n-butylbenzene	19.267	91	22268	0.211	ppbV	96
109) indan	19.083	117	20238	0.204	ppbV	97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438755.D
Acq On : 23 Feb 2025 11:29 PM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD0.2
Misc : WG2034843,50 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:09 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

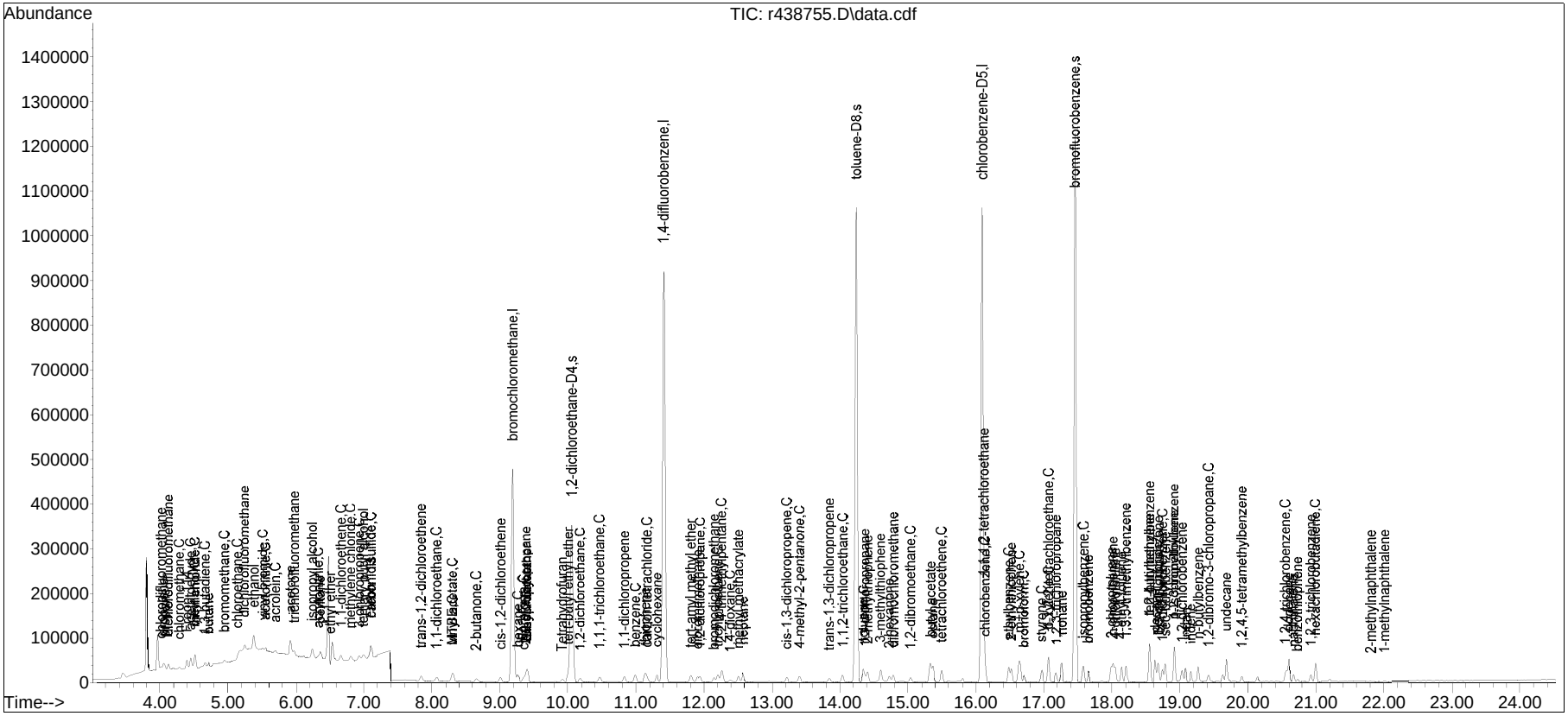
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.158	115	14053	0.191	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.417	75	4850	0.203	ppbV	91
112) undecane	19.683	57	24551	0.199	ppbV	97
113) 1,2,4,5-tetramethylben...	19.908	119	9484	0.148	ppbV	99
114) dodecane	20.600	57	26574	0.208	ppbV	97
115) 1,2,4-trichlorobenzene	20.550	180	7325	0.157	ppbV	98
116) naphthalene	20.667	128	17501	0.168	ppbV	99
117) 1,2,3-trichlorobenzene	20.925	180	7518	0.175	ppbV	99
118) benzothiophene	20.725	134	5909	0.117	ppbV	99
119) hexachlorobutadiene	20.992	225	12401	0.194	ppbV	97
120) 2-methylnaphthalene	21.808	142	645	0.057	ppbV #	82
121) 1-methylnaphthalene	22.008	142	1243	0.072	ppbV	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed02\0223T_I\r438759.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438755.D
Acq On : 23 Feb 2025 11:29 PM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD0.2
Misc : WG2034843,50 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

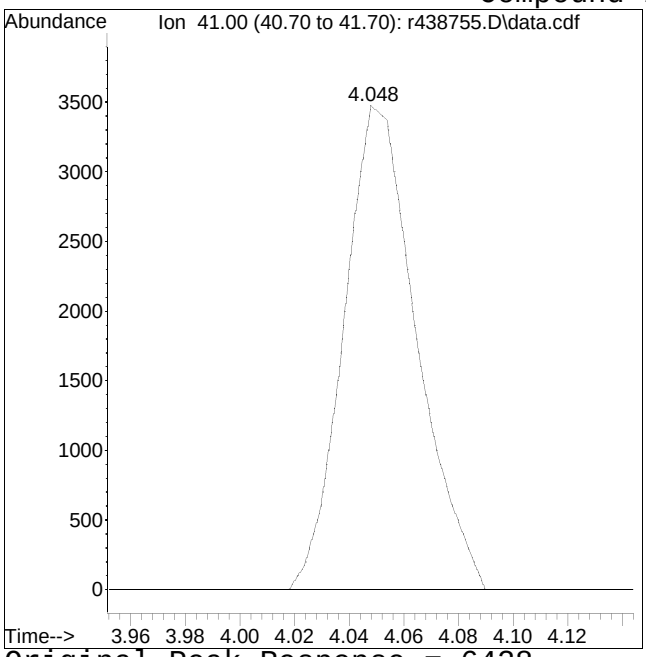
Quant Time: Feb 24 05:32:09 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration



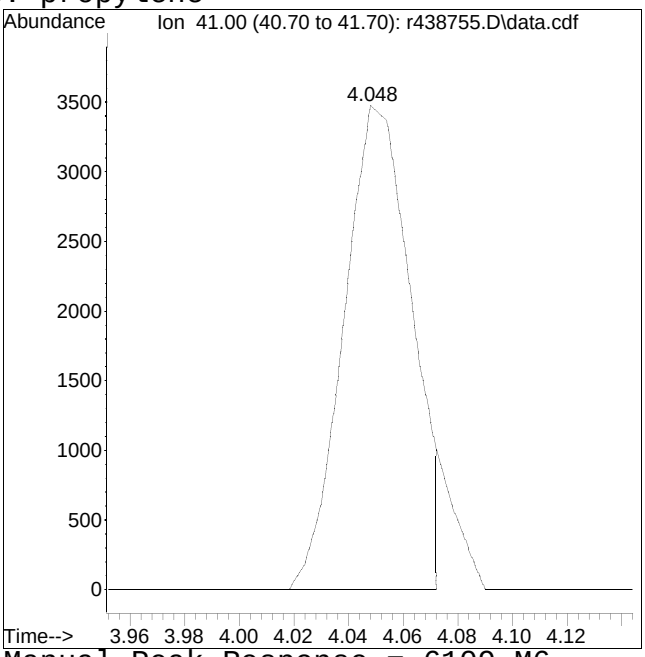
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438755.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/23/2025 11:29 PM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 2/24/2025 5:32 am

Compound #3: propylene



Original Peak Response = 6428



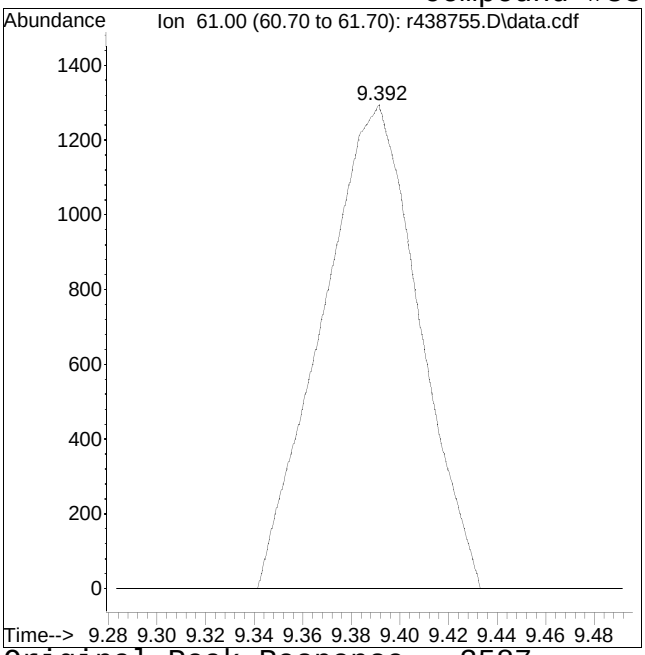
Manual Peak Response = 6109 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

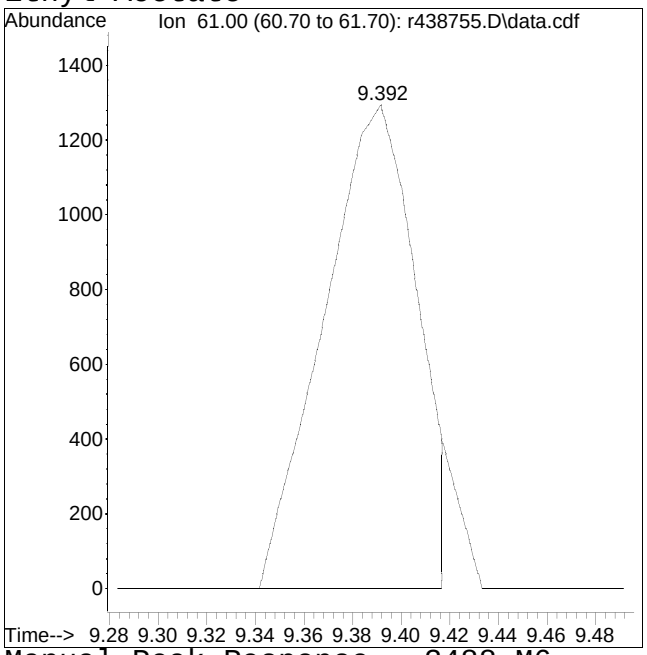
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438755.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/23/2025 11:29 PM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 2/24/2025 5:32 am

Compound #38: Ethyl Acetate



Original Peak Response = 3587



Manual Peak Response = 3488 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438756.D
Acq On : 24 Feb 2025 12:08 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD0.5
Misc : WG2034843,125 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:19 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.192	49	318224	10.000	ppbV	0.00
Standard Area = 323895			Recovery = 98.25%			
43) 1,4-difluorobenzene	11.407	114	944744	10.000	ppbV	0.00
Standard Area = 991542			Recovery = 95.28%			
67) chlorobenzene-D5	16.092	54	154952	10.000	ppbV	0.00
Standard Area = 161524			Recovery = 95.93%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.050	65	300287	10.386	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.86%			
69) toluene-D8	14.233	98	947730	9.647	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.47%			
90) bromofluorobenzene	17.458	95	667967	9.381	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.81%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.018	51	17113	0.572	ppbV	100
3) propylene	4.048	41	14257M6	0.831	ppbV	
4) propane	4.072	29	15762	0.623	ppbV	93
5) dichlorodifluoromethane	4.120	85	26851	0.577	ppbV	99
6) chloromethane	4.288	50	11180	0.580	ppbV	99
7) Freon-114	4.396	85	28886	0.577	ppbV	100
8) methanol	4.504	31	53690	5.136	ppbV #	11
9) vinyl chloride	4.516	62	15081	0.557	ppbV	99
10) 1,3-butadiene	4.666	54	9950	0.741	ppbV	99
11) butane	4.720	43	20116	0.584	ppbV	98
12) acetaldehyde	4.450	29	33921	3.589	ppbV	89
13) bromomethane	4.948	94	10237	0.556	ppbV	99
14) chloroethane	5.140	64	8518	0.650	ppbV	99
15) ethanol	5.373	31	91700	4.458	ppbV	99
16) dichlorofluoromethane	5.242	67	28745	0.572	ppbV	100
17) vinyl bromide	5.513	106	10675	0.721	ppbV	98
18) acrolein	5.693	56	9028	0.594	ppbV #	78
19) acetone	5.900	43	100910	4.034	ppbV	98
20) acetonitrile	5.547	41	15946	0.574	ppbV #	51
21) trichlorofluoromethane	5.967	101	24373	0.555	ppbV	97
22) isopropyl alcohol	6.230	45	70808	2.309	ppbV	99
23) acrylonitrile	6.323	53	13706	0.581	ppbV	99
24) pentane	6.363	43	26762	0.448	ppbV	98

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438756.D
Acq On : 24 Feb 2025 12:08 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD0.5
Misc : WG2034843,125 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:19 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.492	31	27968	0.494	ppbV		98
26) 1,1-dichloroethene	6.660	61	23093	0.548	ppbV		99
27) tertiary butyl alcohol	6.990	59	36463	0.547	ppbV		99
28) methylene chloride	6.798	49	15139	0.573	ppbV		99
29) 3-chloropropene	6.936	41	21152	0.723	ppbV		99
30) carbon disulfide	7.104	76	36783	0.736	ppbV	#	93
31) Freon 113	7.104	101	25580	0.552	ppbV		99
32) trans-1,2-dichloroethene	7.842	61	22005	0.718	ppbV		97
33) 1,1-dichloroethane	8.067	63	28004	0.535	ppbV		97
34) MTBE	8.283	73	34067	0.710	ppbV	#	5
35) vinyl acetate	8.292	43	43244	0.870	ppbV		96
36) 2-butanone	8.633	43	31507	0.763	ppbV		99
37) cis-1,2-dichloroethene	9.000	61	22271	0.547	ppbV		99
38) Ethyl Acetate	9.375	61	9105M6	1.125	ppbV		
39) chloroform	9.342	83	24208	0.551	ppbV		96
40) Tetrahydrofuran	9.908	42	14977	0.685	ppbV		99
41) 2,2-dichloropropane	9.375	77	19857	0.552	ppbV	#	65
42) 1,2-dichloroethane	10.175	62	18992	0.571	ppbV		99
44) hexane	9.258	57	28126	0.754	ppbV	#	41
45) diisopropyl ether	9.375	87	17915	0.673	ppbV		93
46) tert-butyl ethyl ether	10.000	59	56599	0.574	ppbV		99
48) 1,1,1-trichloroethane	10.467	97	23290	0.558	ppbV		98
49) 1,1-dichloropropene	10.827	75	19784	0.569	ppbV		98
50) benzene	10.993	78	47028	0.567	ppbV		99
51) thiophene	11.133	84	37306	0.230	ppbV		100
52) carbon tetrachloride	11.160	117	20216	0.567	ppbV		98
53) cyclohexane	11.307	56	29948	0.751	ppbV		99
54) tert-amyl methyl ether	11.793	73	42172	0.558	ppbV		98
55) dibromomethane	11.893	93	15477	0.586	ppbV		99
56) 1,2-dichloropropane	11.933	63	19280	0.562	ppbV		99
57) bromodichloromethane	12.153	83	24055	0.737	ppbV		100
58) 1,4-dioxane	12.373	88	11235	0.733	ppbV	#	77
59) trichloroethene	12.207	130	19896	0.569	ppbV		99
60) 2,2,4-trimethylpentane	12.260	57	89410	0.732	ppbV		100
61) methyl methacrylate	12.493	41	20933	0.554	ppbV		100
62) heptane	12.567	43	27348	0.736	ppbV		99
63) cis-1,3-dichloropropene	13.217	75	23252	0.552	ppbV		98
64) 4-methyl-2-pentanone	13.383	43	33047	0.710	ppbV		99
65) trans-1,3-dichloropropene	13.833	75	18038	0.555	ppbV		98
66) 1,1,2-trichloroethane	14.033	97	18909	0.568	ppbV		99

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438756.D
Acq On : 24 Feb 2025 12:08 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD0.5
Misc : WG2034843,125 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:19 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	toluene	14.342	91	64100	0.593	ppbV	98
70)	2-methylthiophene	14.408	97	54270	0.219	ppbV	99
71)	1,3-dichloropropane	14.375	76	26132	0.570	ppbV	99
72)	2-hexanone	14.717	43	30598	0.684	ppbV	98
73)	3-methylthiophene	14.600	97	57914	0.221	ppbV	100
74)	dibromochloromethane	14.783	129	23620	0.733	ppbV	99
75)	1,2-dibromoethane	15.033	107	24769	0.549	ppbV	96
76)	butyl acetate	15.325	73	7954M4	0.550	ppbV	
77)	octane	15.358	85	24782	0.575	ppbV	95
78)	tetrachloroethene	15.483	166	26863	0.561	ppbV	99
79)	1,1,1,2-tetrachloroethane	16.117	131	19621	0.579	ppbV	99
80)	chlorobenzene	16.125	112	45348	0.574	ppbV	99
81)	ethylbenzene	16.475	91	78273	0.565	ppbV	99
82)	2-ethylthiophene	16.517	97	63128	0.225	ppbV	97
83)	m+p-xylene	16.642	91	128138	1.157	ppbV	97
84)	bromoform	16.708	173	23382	0.719	ppbV	99
85)	styrene	16.967	104	44269	0.528	ppbV	99
86)	1,1,2,2-tetrachloroethane	17.058	83	41125	0.577	ppbV	99
87)	o-xylene	17.058	91	63749	0.579	ppbV	97
88)	1,2,3-trichloropropane	17.175	75	29368	0.571	ppbV	100
89)	nonane	17.258	43	41238	0.564	ppbV	96
91)	isopropylbenzene	17.575	105	75653	0.578	ppbV	99
92)	bromobenzene	17.650	77	41317	0.571	ppbV	99
93)	2-chlorotoluene	17.983	126	21753	0.590	ppbV	88
94)	n-propylbenzene	18.017	120	24608	0.562	ppbV	98
95)	4-chlorotoluene	18.042	126	20919	0.548	ppbV	93
96)	4-ethyl toluene	18.133	105	70658	0.713	ppbV	99
97)	1,3,5-trimethylbenzene	18.200	105	79069	0.599	ppbV	98
98)	tert-butylbenzene	18.542	119	73139	0.608	ppbV	100
99)	1,2,4-trimethylbenzene	18.542	105	64452	0.567	ppbV	94
100)	decane	18.625	57	64065	0.582	ppbV	98
101)	Benzyl Chloride	18.667	91	46214	0.646	ppbV	99
102)	1,3-dichlorobenzene	18.675	146	39594	0.537	ppbV	99
103)	1,4-dichlorobenzene	18.733	146	36549	0.541	ppbV	100
104)	sec-butylbenzene	18.775	105	94486	0.594	ppbV	100
105)	1,2,3-trimethylbenzene	18.908	105	67284	0.583	ppbV	99
106)	p-isopropyltoluene	18.908	119	83820	0.603	ppbV	99
107)	1,2-dichlorobenzene	19.025	146	35976	0.547	ppbV	98
108)	n-butylbenzene	19.258	91	62372	0.611	ppbV	96
109)	indan	19.075	117	55909	0.583	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438756.D
Acq On : 24 Feb 2025 12:08 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD0.5
Misc : WG2034843,125 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:19 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

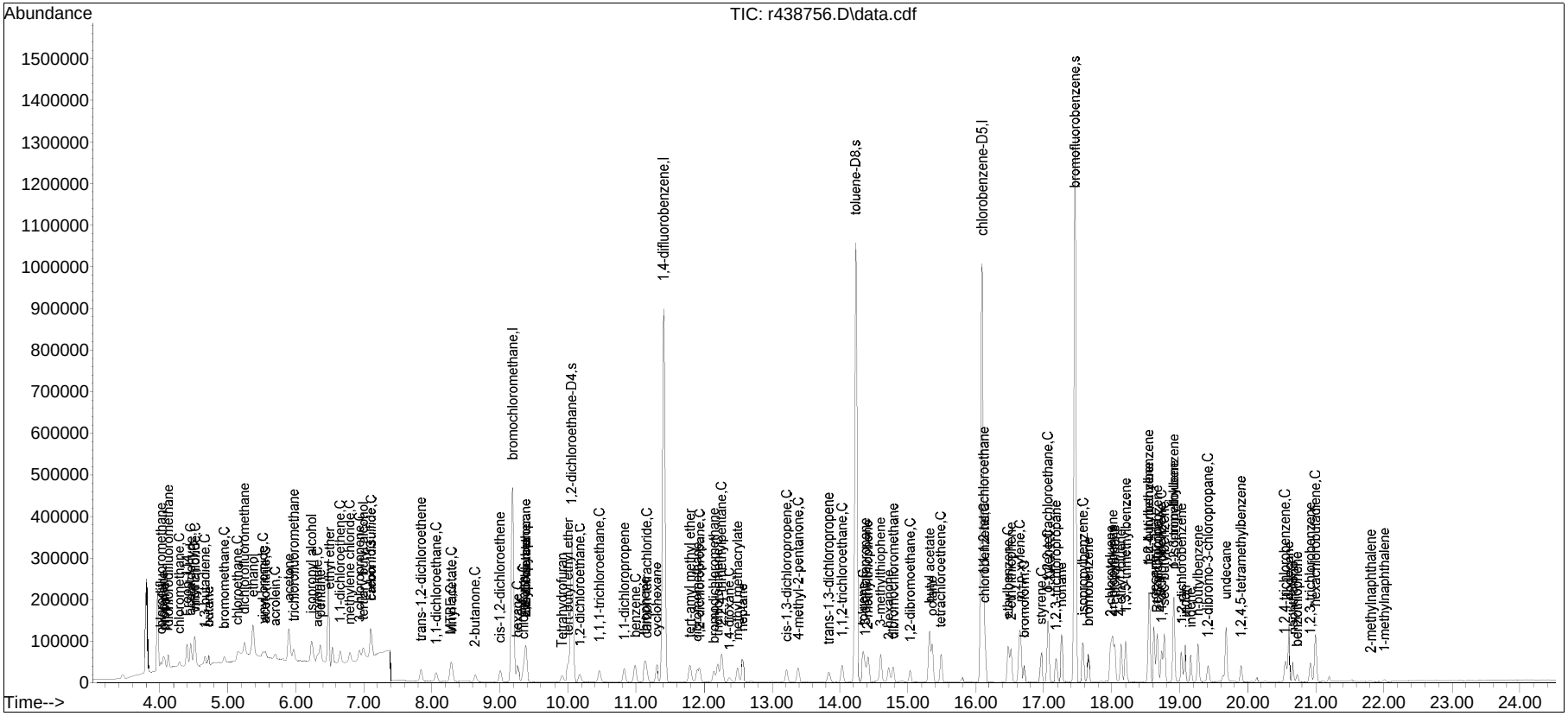
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.158	115	39769	0.558	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.408	75	12840	0.555	ppbV	96
112) undecane	19.675	57	66791M6	0.558	ppbV	
113) 1,2,4,5-tetramethylben...	19.900	119	25988	0.418	ppbV	98
114) dodecane	20.600	57	67253	0.544	ppbV	99
115) 1,2,4-trichlorobenzene	20.542	180	21105	0.467	ppbV	99
116) naphthalene	20.667	128	49946	0.495	ppbV	99
117) 1,2,3-trichlorobenzene	20.917	180	21183	0.508	ppbV	97
118) benzothiophene	20.725	134	17406	0.355	ppbV	99
119) hexachlorobutadiene	20.983	225	34782	0.562	ppbV	97
120) 2-methylnaphthalene	21.808	142	2365	0.215	ppbV	98
121) 1-methylnaphthalene	22.008	142	4221	0.254	ppbV	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed02\0223T_I\r438759.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438756.D
Acq On : 24 Feb 2025 12:08 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD0.5
Misc : WG2034843,125 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

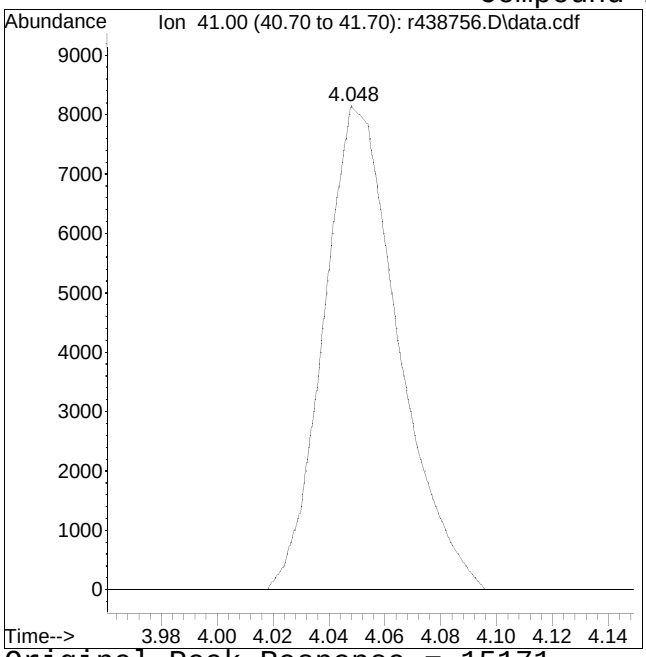
Quant Time: Feb 24 05:32:19 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration



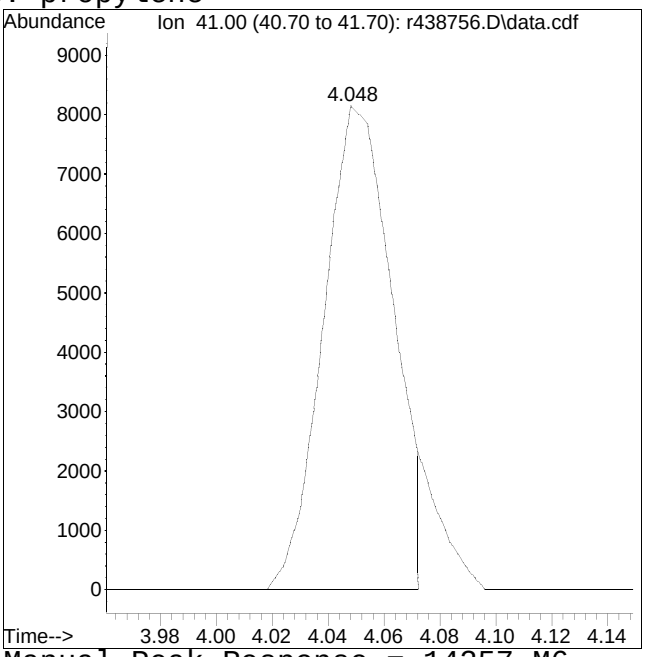
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438756.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 12:08 AM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 2/24/2025 5:32 am

Compound #3: propylene



Original Peak Response = 15171



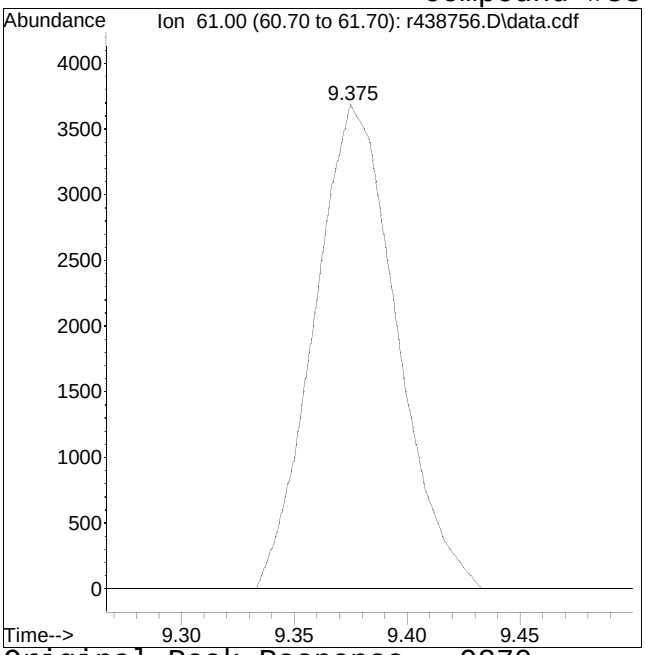
Manual Peak Response = 14257 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

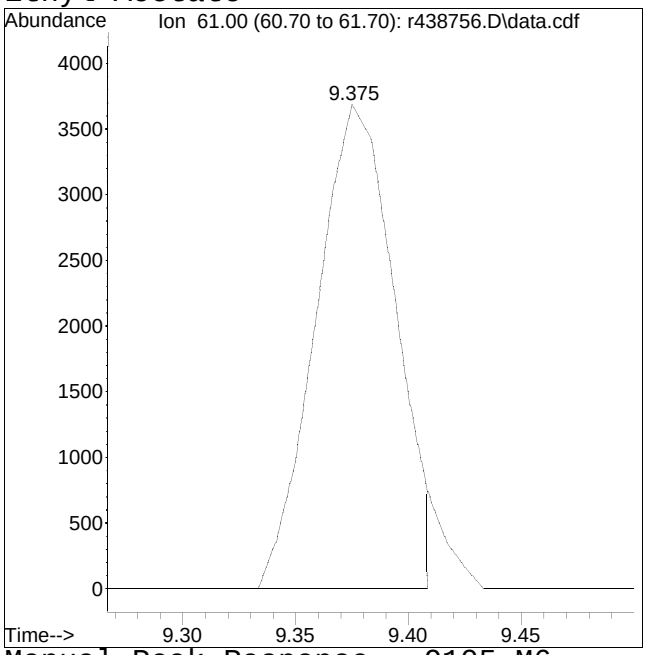
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438756.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 12:08 AM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 2/24/2025 5:32 am

Compound #38: Ethyl Acetate



Original Peak Response = 9370



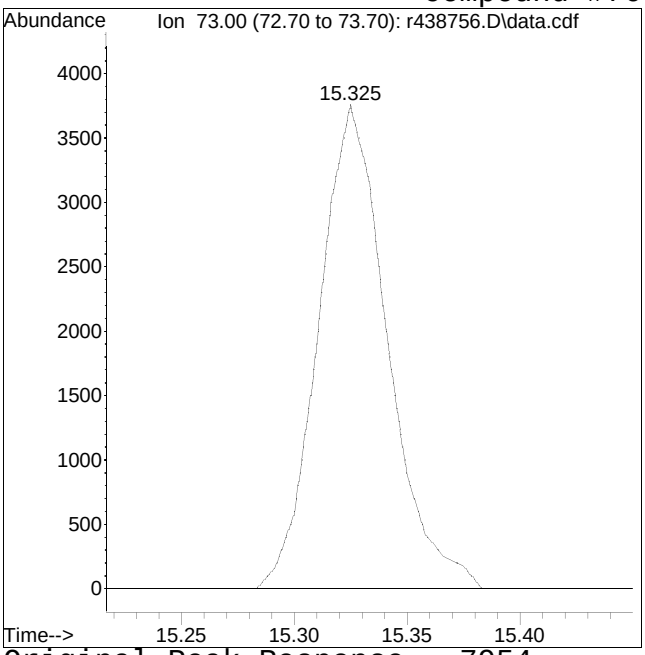
Manual Peak Response = 9105 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

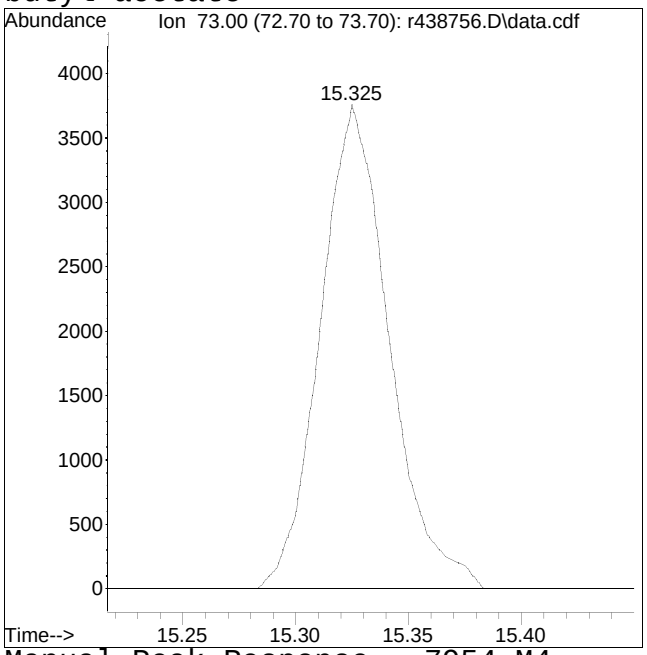
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438756.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 12:08 AM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 2/24/2025 5:32 am

Compound #76: butyl acetate



Original Peak Response = 7954



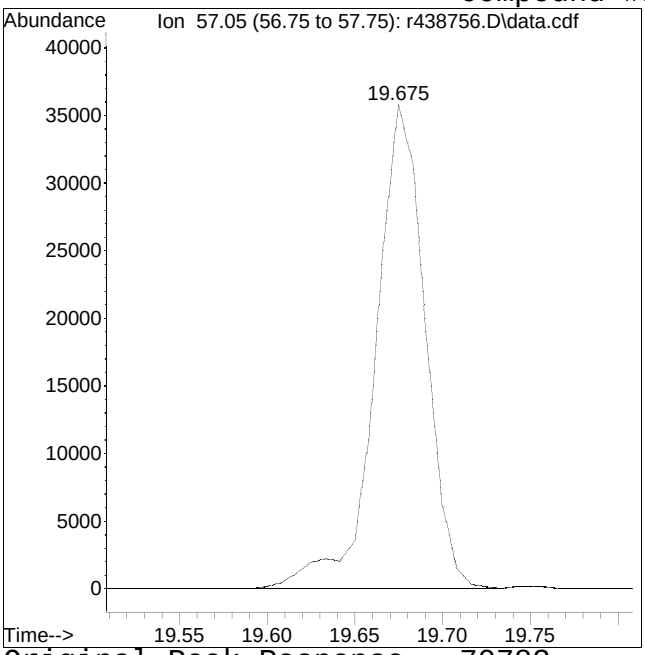
Manual Peak Response = 7954 M4

M4 = Poor automated baseline construction.

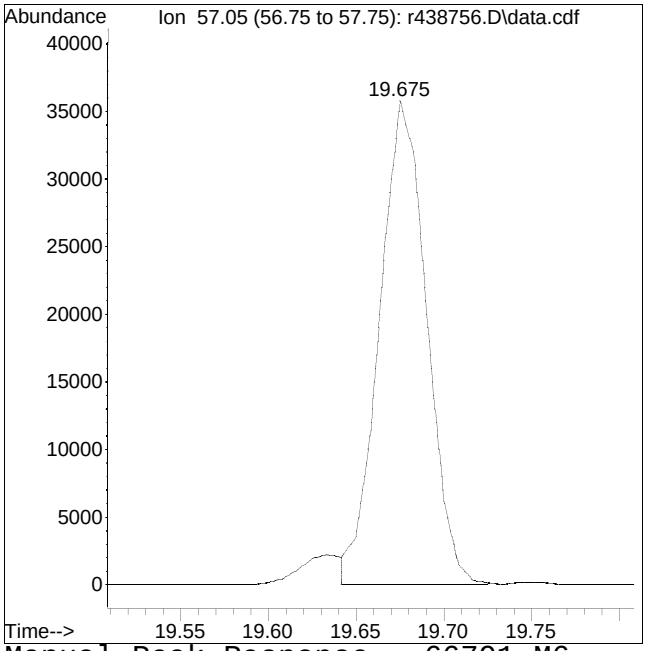
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438756.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 12:08 AM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 2/24/2025 5:32 am

Compound #112: undecane



Original Peak Response = 70783



Manual Peak Response = 66791 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438757.D
Acq On : 24 Feb 2025 12:49 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD1.0
Misc : WG2034843,250 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:29 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.192	49	327763	10.000	ppbV	0.00
Standard Area = 323895			Recovery = 101.19%			
43) 1,4-difluorobenzene	11.407	114	967508	10.000	ppbV	0.00
Standard Area = 991542			Recovery = 97.58%			
67) chlorobenzene-D5	16.092	54	156599	10.000	ppbV	0.00
Standard Area = 161524			Recovery = 96.95%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.050	65	307451	10.383	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.83%			
69) toluene-D8	14.233	98	1075791	10.835	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.35%			
90) bromofluorobenzene	17.458	95	716146	9.952	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.52%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.012	51	32589	1.057	ppbV	100
3) propylene	4.048	41	27053M6	1.530	ppbV	
4) propane	4.066	29	31716	1.218	ppbV	95
5) dichlorodifluoromethane	4.120	85	54927	1.146	ppbV	100
6) chloromethane	4.288	50	22682	1.143	ppbV	99
7) Freon-114	4.396	85	58288	1.130	ppbV	99
8) methanol	4.498	31	102770	9.545	ppbV #	59
9) vinyl chloride	4.516	62	30823	1.104	ppbV	100
10) 1,3-butadiene	4.666	54	19914	1.441	ppbV	99
11) butane	4.714	43	40710	1.147	ppbV	99
12) acetaldehyde	4.444	29	65595	6.739	ppbV	93
13) bromomethane	4.942	94	20818	1.098	ppbV	97
14) chloroethane	5.140	64	15658	1.160	ppbV	99
15) ethanol	5.357	31	152437	7.194	ppbV	100
16) dichlorofluoromethane	5.242	67	59094	1.141	ppbV	99
17) vinyl bromide	5.510	106	22190	1.455	ppbV	96
18) acrolein	5.680	56	17996	1.150	ppbV #	89
19) acetone	5.877	43	200444	7.780	ppbV	99
20) acetonitrile	5.533	41	32234	1.127	ppbV #	76
21) trichlorofluoromethane	5.967	101	51017	1.127	ppbV	100
22) isopropyl alcohol	6.217	45	139871	4.428	ppbV	99
23) acrylonitrile	6.313	53	27848	1.146	ppbV	99
24) pentane	6.363	43	55633	0.903	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438757.D
Acq On : 24 Feb 2025 12:49 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD1.0
Misc : WG2034843,250 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:29 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.468	31	51748	0.887	ppbV		99
26) 1,1-dichloroethene	6.660	61	47493	1.094	ppbV		100
27) tertiary butyl alcohol	6.972	59	74682	1.088	ppbV		95
28) methylene chloride	6.798	49	30834	1.132	ppbV		99
29) 3-chloropropene	6.936	41	55173	1.832	ppbV		99
30) carbon disulfide	7.104	76	74886	1.456	ppbV		96
31) Freon 113	7.104	101	52834	1.106	ppbV		99
32) trans-1,2-dichloroethene	7.842	61	44947	1.424	ppbV		98
33) 1,1-dichloroethane	8.067	63	58688	1.088	ppbV		99
34) MTBE	8.267	73	70769	1.431	ppbV	#	25
35) vinyl acetate	8.275	43	90996	1.778	ppbV		97
36) 2-butanone	8.617	43	63925	1.503	ppbV		99
37) cis-1,2-dichloroethene	9.008	61	45605	1.088	ppbV		100
38) Ethyl Acetate	9.367	61	18974M6	2.276	ppbV		
39) chloroform	9.342	83	51018	1.127	ppbV		98
40) Tetrahydrofuran	9.892	42	31426	1.396	ppbV		100
41) 2,2-dichloropropane	9.375	77	41633	1.123	ppbV	#	80
42) 1,2-dichloroethane	10.175	62	38259	1.117	ppbV		100
44) hexane	9.258	57	57565	1.507	ppbV	#	41
45) diisopropyl ether	9.350	87	36214	1.328	ppbV		87
46) tert-butyl ethyl ether	9.983	59	117013	1.159	ppbV		99
48) 1,1,1-trichloroethane	10.467	97	47866	1.119	ppbV		98
49) 1,1-dichloropropene	10.827	75	40644	1.141	ppbV		99
50) benzene	10.993	78	97204	1.144	ppbV		98
51) thiophene	11.140	84	77285	0.466	ppbV		99
52) carbon tetrachloride	11.160	117	41626	1.140	ppbV		97
53) cyclohexane	11.307	56	61542	1.506	ppbV		99
54) tert-amyl methyl ether	11.780	73	87944	1.136	ppbV		99
55) dibromomethane	11.893	93	31932	1.182	ppbV		98
56) 1,2-dichloropropane	11.933	63	39959	1.138	ppbV		100
57) bromodichloromethane	12.153	83	50036	1.498	ppbV		99
58) 1,4-dioxane	12.353	88	22282	1.419	ppbV	#	71
59) trichloroethene	12.207	130	40740	1.138	ppbV		99
60) 2,2,4-trimethylpentane	12.260	57	184373	1.475	ppbV		100
61) methyl methacrylate	12.487	41	42995	1.111	ppbV		99
62) heptane	12.567	43	56993	1.498	ppbV		100
63) cis-1,3-dichloropropene	13.217	75	48155	1.116	ppbV		99
64) 4-methyl-2-pentanone	13.367	43	68660	1.441	ppbV		100
65) trans-1,3-dichloropropene	13.833	75	37421	1.125	ppbV		99
66) 1,1,2-trichloroethane	14.033	97	38887	1.140	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438757.D
Acq On : 24 Feb 2025 12:49 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD1.0
Misc : WG2034843,250 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:29 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	14.342	91	128939	1.180	ppbV	99
70) 2-methylthiophene	14.408	97	111710	0.447	ppbV	97
71) 1,3-dichloropropane	14.375	76	54276	1.170	ppbV	98
72) 2-hexanone	14.708	43	64574	1.428	ppbV	99
73) 3-methylthiophene	14.600	97	119182	0.450	ppbV	99
74) dibromochloromethane	14.783	129	49703	1.527	ppbV	100
75) 1,2-dibromoethane	15.033	107	52777	1.157	ppbV	99
76) butyl acetate	15.317	73	16696	1.143	ppbV	87
77) octane	15.358	85	50353	1.156	ppbV	97
78) tetrachloroethene	15.483	166	56329	1.165	ppbV	97
79) 1,1,1,2-tetrachloroethane	16.117	131	39703	1.159	ppbV	99
80) chlorobenzene	16.125	112	91310	1.143	ppbV	99
81) ethylbenzene	16.475	91	160399	1.146	ppbV	99
82) 2-ethylthiophene	16.517	97	129887	0.459	ppbV	99
83) m+p-xylene	16.642	91	263758	2.357	ppbV	98
84) bromoform	16.708	173	48735	1.483	ppbV	99
85) styrene	16.967	104	92951	1.097	ppbV	100
86) 1,1,2,2-tetrachloroethane	17.058	83	84372	1.170	ppbV	99
87) o-xylene	17.058	91	130350	1.172	ppbV	98
88) 1,2,3-trichloropropane	17.175	75	60304	1.160	ppbV	100
89) nonane	17.258	43	84533	1.144	ppbV	98
91) isopropylbenzene	17.575	105	152555	1.153	ppbV	100
92) bromobenzene	17.650	77	84076	1.149	ppbV	99
93) 2-chlorotoluene	17.983	126	43601	1.171	ppbV	98
94) n-propylbenzene	18.008	120	49690	1.123	ppbV	96
95) 4-chlorotoluene	18.042	126	42736	1.108	ppbV	99
96) 4-ethyl toluene	18.133	105	141861	1.417	ppbV	99
97) 1,3,5-trimethylbenzene	18.200	105	155533	1.166	ppbV	99
98) tert-butylbenzene	18.542	119	149206	1.227	ppbV	99
99) 1,2,4-trimethylbenzene	18.542	105	128863	1.122	ppbV	94
100) decane	18.625	57	128137	1.152	ppbV	99
101) Benzyl Chloride	18.667	91	93703	1.296	ppbV	99
102) 1,3-dichlorobenzene	18.675	146	81409	1.092	ppbV	99
103) 1,4-dichlorobenzene	18.733	146	71333	1.045	ppbV	98
104) sec-butylbenzene	18.767	105	185731	1.155	ppbV	99
105) 1,2,3-trimethylbenzene	18.900	105	133364	1.144	ppbV	97
106) p-isopropyltoluene	18.900	119	163671	1.165	ppbV	99
107) 1,2-dichlorobenzene	19.025	146	70741	1.064	ppbV	99
108) n-butylbenzene	19.258	91	115230	1.118	ppbV	95
109) indan	19.075	117	108333	1.118	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438757.D
Acq On : 24 Feb 2025 12:49 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD1.0
Misc : WG2034843,250 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:29 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

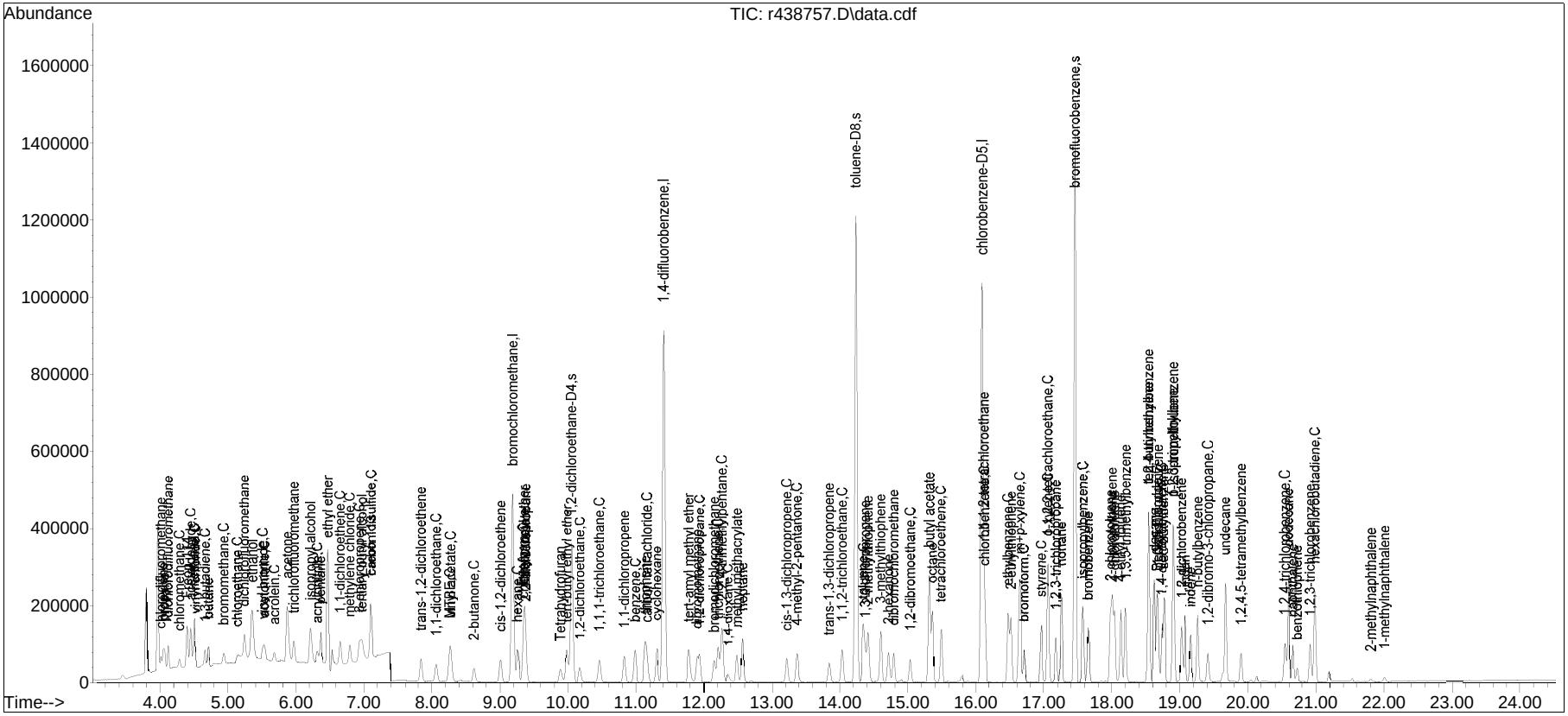
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.158	115	76009	1.055	ppbV	98
111) 1,2-dibromo-3-chloropr...	19.408	75	23685	1.014	ppbV	97
112) undecane	19.667	57	136688M6	1.130	ppbV	
113) 1,2,4,5-tetramethylben...	19.900	119	51212	0.815	ppbV	97
114) dodecane	20.592	57	135126	1.082	ppbV	97
115) 1,2,4-trichlorobenzene	20.542	180	43245	0.946	ppbV	98
116) naphthalene	20.658	128	100313	0.984	ppbV	99
117) 1,2,3-trichlorobenzene	20.917	180	43939	1.043	ppbV	97
118) benzothiophene	20.725	134	36083	0.729	ppbV	99
119) hexachlorobutadiene	20.983	225	71889	1.150	ppbV	98
120) 2-methylnaphthalene	21.808	142	5110	0.460	ppbV	96
121) 1-methylnaphthalene	22.008	142	9096	0.542	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed02\0223T_I\r438759.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438757.D
Acq On : 24 Feb 2025 12:49 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD1.0
Misc : WG2034843,250 mL SS24-035C
ALS Vial : 0 Sample Multiplier: 1

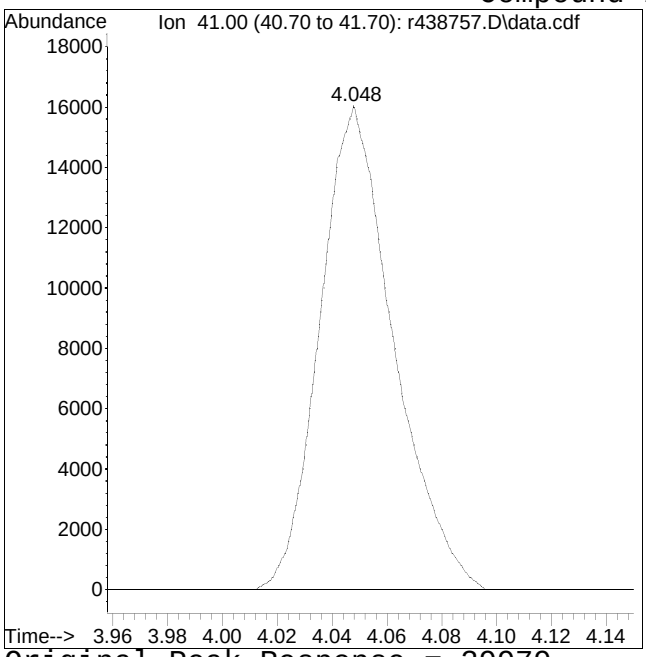
Quant Time: Feb 24 05:32:29 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration



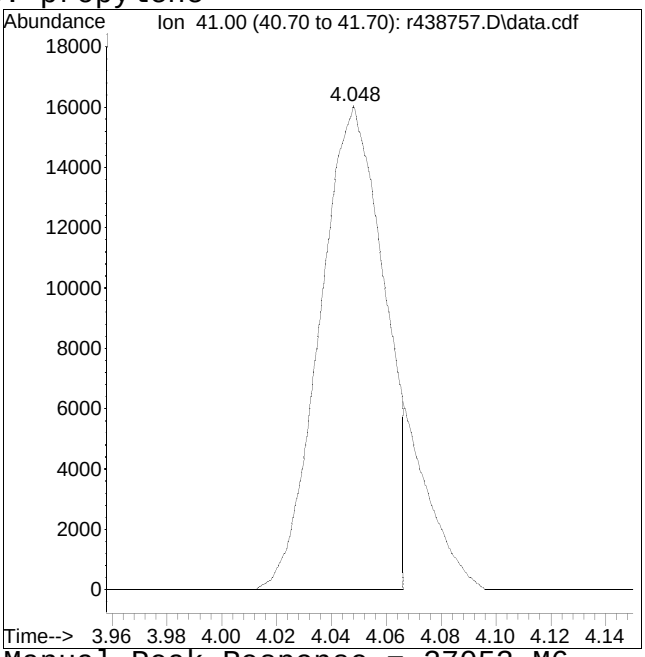
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438757.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 12:49 AM Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 2/24/2025 5:32 am

Compound #3: propylene



Original Peak Response = 29979



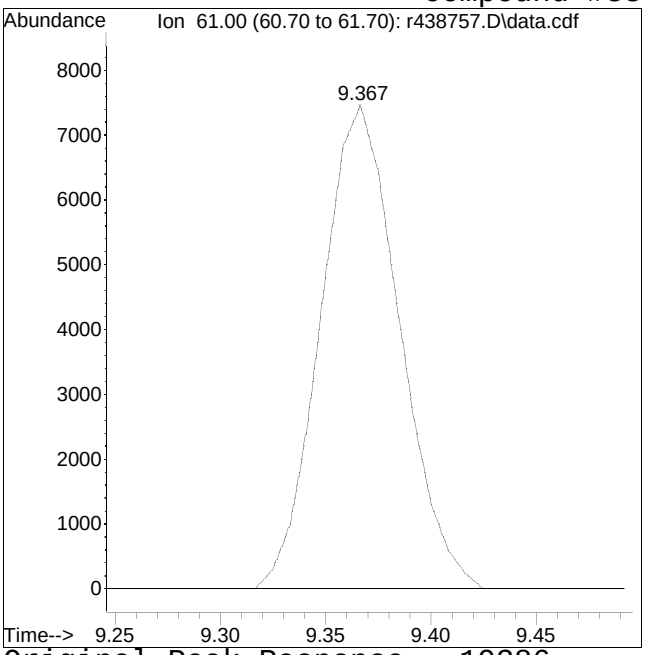
Manual Peak Response = 27053 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

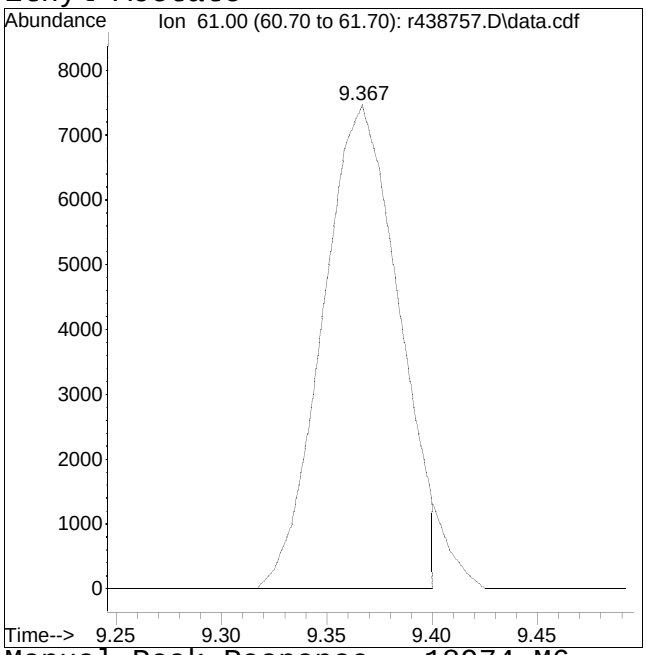
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438757.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 12:49 AM Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 2/24/2025 5:32 am

Compound #38: Ethyl Acetate



Original Peak Response = 19386



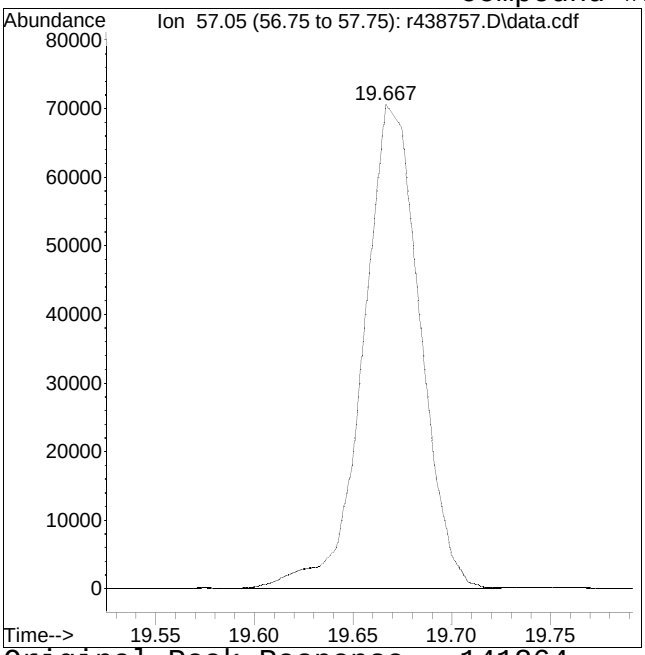
Manual Peak Response = 18974 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

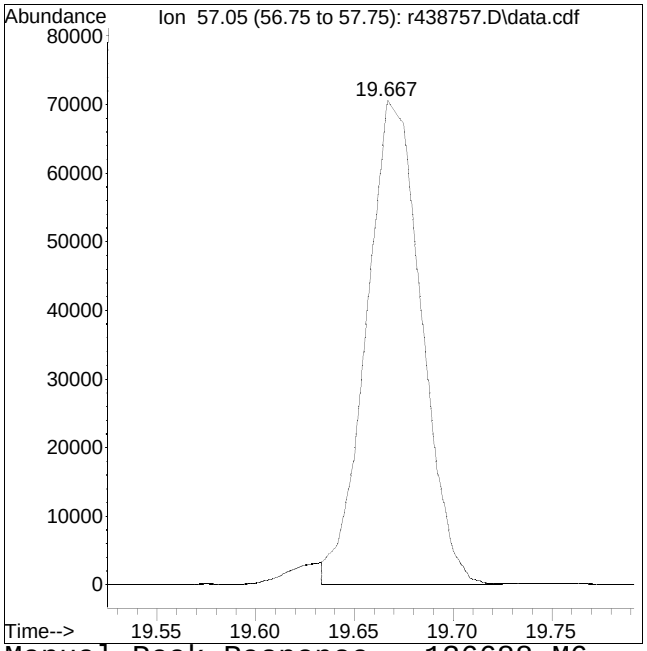
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438757.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 12:49 AM Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 2/24/2025 5:32 am

Compound #112: undecane



Original Peak Response = 141264



Manual Peak Response = 136688 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438758.D
Acq On : 24 Feb 2025 1:27 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD5.0
Misc : WG2034843,125 mL SS24-035B
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:39 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.192	49	321034	10.000	ppbV	0.00
Standard Area = 323895			Recovery = 99.12%			
43) 1,4-difluorobenzene	11.407	114	998610	10.000	ppbV	0.00
Standard Area = 991542			Recovery = 100.71%			
67) chlorobenzene-D5	16.083	54	167056	10.000	ppbV	0.00
Standard Area = 161524			Recovery = 103.42%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.050	65	303255	9.923	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.23%			
69) toluene-D8	14.233	98	969804	9.156	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.56%			
90) bromofluorobenzene	17.458	95	695488	9.060	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.60%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.012	51	156036	5.166	ppbV	100
3) propylene	4.048	41	91841M6	5.304	ppbV	
4) propane	4.072	29	127587	5.002	ppbV	94
5) dichlorodifluoromethane	4.120	85	241007	5.132	ppbV	100
6) chloromethane	4.288	50	99359	5.112	ppbV	98
7) Freon-114	4.396	85	260238	5.152	ppbV	99
8) methanol	4.480	31	287258	27.239	ppbV	93
9) vinyl chloride	4.516	62	139564	5.105	ppbV	99
10) 1,3-butadiene	4.660	54	70255	5.190	ppbV	98
11) butane	4.714	43	174065	5.009	ppbV	98
12) acetaldehyde	4.432	29	261373	27.416	ppbV	95
13) bromomethane	4.942	94	92923	5.006	ppbV	98
14) chloroethane	5.134	64	78766	5.955	ppbV	99
15) ethanol	5.320	31	453419	21.848	ppbV	99
16) dichlorofluoromethane	5.242	67	254933	5.026	ppbV	99
17) vinyl bromide	5.510	106	75129	5.029	ppbV	99
18) acrolein	5.657	56	76475	4.989	ppbV	97
19) acetone	5.820	43	636931	25.239	ppbV	100
20) acetonitrile	5.510	41	138474	4.944	ppbV	95
21) trichlorofluoromethane	5.967	101	224941	5.075	ppbV	98
22) isopropyl alcohol	6.167	45	387968	12.540	ppbV	100
23) acrylonitrile	6.297	53	120271	5.054	ppbV	98
24) pentane	6.363	43	239923	3.977	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438758.D
Acq On : 24 Feb 2025 1:27 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD5.0
Misc : WG2034843,125 mL SS24-035B
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:39 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.420	31	292706	5.122	ppbV		100
26) 1,1-dichloroethene	6.660	61	212774	5.005	ppbV		99
27) tertiary butyl alcohol	6.900	59	336465	5.004	ppbV	#	90
28) methylene chloride	6.798	49	134527	5.043	ppbV		99
29) 3-chloropropene	6.930	41	202437	6.863	ppbV		95
30) carbon disulfide	7.104	76	251855	4.998	ppbV		99
31) Freon 113	7.098	101	234900	5.022	ppbV		99
32) trans-1,2-dichloroethene	7.842	61	151967	4.915	ppbV		98
33) 1,1-dichloroethane	8.067	63	261254	4.943	ppbV		100
34) MTBE	8.192	73	238399	4.923	ppbV		100
35) vinyl acetate	8.258	43	249110	4.969	ppbV		100
36) 2-butanone	8.550	43	207059	4.971	ppbV		100
37) cis-1,2-dichloroethene	9.008	61	202824	4.939	ppbV		99
38) Ethyl Acetate	9.308	61	40958	5.017	ppbV		99
39) chloroform	9.342	83	224580	5.065	ppbV		99
40) Tetrahydrofuran	9.842	42	107319M6	4.866	ppbV		
41) 2,2-dichloropropane	9.367	77	180801	4.981	ppbV		100
42) 1,2-dichloroethane	10.175	62	167892	5.003	ppbV		99
44) hexane	9.258	57	196247	4.979	ppbV	#	54
45) diisopropyl ether	9.292	87	144747M6	5.142	ppbV		
46) tert-butyl ethyl ether	9.917	59	512642	4.918	ppbV		99
48) 1,1,1-trichloroethane	10.467	97	216463	4.904	ppbV		100
49) 1,1-dichloropropene	10.827	75	179419	4.878	ppbV		99
50) benzene	10.987	78	429299	4.895	ppbV		100
51) thiophene	11.133	84	848468	4.954	ppbV		100
52) carbon tetrachloride	11.160	117	185446	4.919	ppbV		98
53) cyclohexane	11.307	56	206832	4.905	ppbV		99
54) tert-amyl methyl ether	11.740	73	389904	4.879	ppbV		100
55) dibromomethane	11.893	93	137052	4.913	ppbV		99
56) 1,2-dichloropropane	11.933	63	179500	4.952	ppbV		99
57) bromodichloromethane	12.153	83	169779	4.924	ppbV		99
58) 1,4-dioxane	12.307	88	80318	4.957	ppbV	#	72
59) trichloroethene	12.207	130	183020	4.953	ppbV		99
60) 2,2,4-trimethylpentane	12.253	57	641120	4.968	ppbV		100
61) methyl methacrylate	12.460	41	194366	4.865	ppbV		99
62) heptane	12.567	43	192515	4.901	ppbV		99
63) cis-1,3-dichloropropene	13.217	75	216767	4.868	ppbV		100
64) 4-methyl-2-pentanone	13.333	43	238336	4.845	ppbV		99
65) trans-1,3-dichloropropene	13.833	75	168038	4.893	ppbV		100
66) 1,1,2-trichloroethane	14.033	97	173063	4.915	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438758.D
Acq On : 24 Feb 2025 1:27 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD5.0
Misc : WG2034843,125 mL SS24-035B
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:39 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	14.342	91	561818	4.821	ppbV	100
70) 2-methylthiophene	14.408	97	1303963	4.892	ppbV	99
71) 1,3-dichloropropane	14.367	76	235315	4.757	ppbV	99
72) 2-hexanone	14.683	43	224378	4.650	ppbV	99
73) 3-methylthiophene	14.600	97	1394898	4.937	ppbV	100
74) dibromochloromethane	14.783	129	165828	4.776	ppbV	98
75) 1,2-dibromoethane	15.033	107	232039	4.767	ppbV	100
76) butyl acetate	15.300	73	73082	4.690	ppbV	92
77) octane	15.358	85	222938	4.797	ppbV	99
78) tetrachloroethene	15.483	166	249313	4.832	ppbV	99
79) 1,1,1,2-tetrachloroethane	16.108	131	176120	4.819	ppbV	98
80) chlorobenzene	16.125	112	407854	4.786	ppbV	99
81) ethylbenzene	16.475	91	714073	4.781	ppbV	100
82) 2-ethylthiophene	16.517	97	1507538	4.990	ppbV	98
83) m+p-xylene	16.642	91	1167281	9.779	ppbV	99
84) bromoform	16.708	173	167935	4.789	ppbV	99
85) styrene	16.967	104	432234	4.783	ppbV	99
86) 1,1,2,2-tetrachloroethane	17.058	83	372111	4.839	ppbV	99
87) o-xylene	17.058	91	572220	4.823	ppbV	99
88) 1,2,3-trichloropropane	17.175	75	264004	4.761	ppbV	99
89) nonane	17.250	43	371461	4.711	ppbV	97
91) isopropylbenzene	17.575	105	668737	4.738	ppbV	99
92) bromobenzene	17.650	77	371727	4.763	ppbV	100
93) 2-chlorotoluene	17.983	126	188436	4.742	ppbV	94
94) n-propylbenzene	18.008	120	216629	4.591	ppbV	95
95) 4-chlorotoluene	18.042	126	193231	4.695	ppbV	100
96) 4-ethyl toluene	18.133	105	483428	4.528	ppbV	100
97) 1,3,5-trimethylbenzene	18.192	105	706743	4.965	ppbV	99
98) tert-butylbenzene	18.542	119	629190	4.848	ppbV	98
99) 1,2,4-trimethylbenzene	18.542	105	563949	4.605	ppbV	97
100) decane	18.617	57	554091	4.669	ppbV	99
101) Benzyl Chloride	18.658	91	332964	4.318	ppbV	100
102) 1,3-dichlorobenzene	18.675	146	353543	4.446	ppbV	99
103) 1,4-dichlorobenzene	18.733	146	341346	4.687	ppbV	100
104) sec-butylbenzene	18.767	105	799598	4.660	ppbV	100
105) 1,2,3-trimethylbenzene	18.900	105	579825	4.662	ppbV	99
106) p-isopropyltoluene	18.900	119	696471	4.645	ppbV	99
107) 1,2-dichlorobenzene	19.025	146	316411	4.460	ppbV	100
108) n-butylbenzene	19.250	91	518700	4.716	ppbV	98
109) indan	19.075	117	466058	4.508	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438758.D
Acq On : 24 Feb 2025 1:27 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD5.0
Misc : WG2034843,125 mL SS24-035B
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:39 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

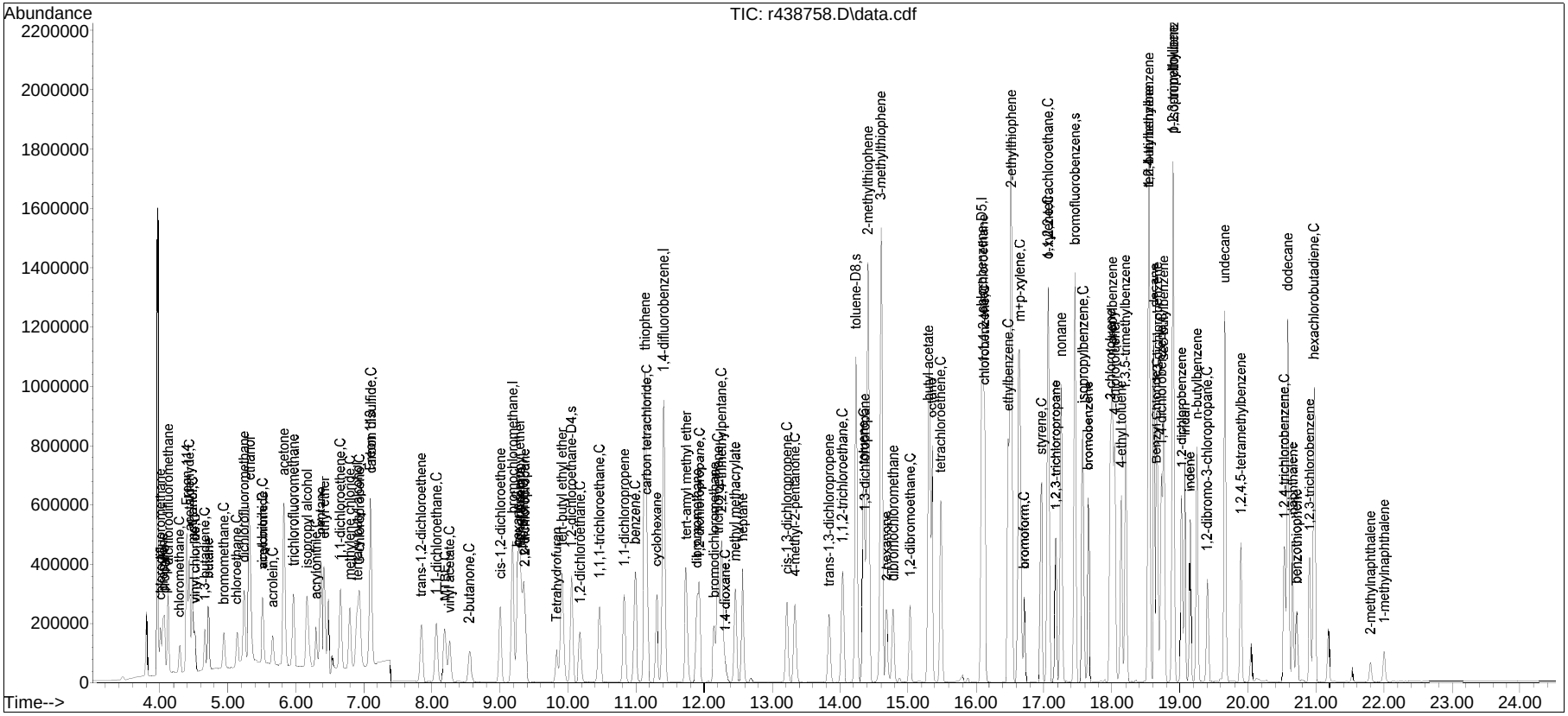
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.150	115	344922	4.489	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.400	75	108289	4.345	ppbV	99
112) undecane	19.658	57	599026	4.644	ppbV	98
113) 1,2,4,5-tetramethylben...	19.892	119	308341	4.601	ppbV	99
114) dodecane	20.583	57	609012	4.571	ppbV	98
115) 1,2,4-trichlorobenzene	20.533	180	210503	4.318	ppbV	99
116) naphthalene	20.658	128	464774	4.275	ppbV	100
117) 1,2,3-trichlorobenzene	20.908	180	195634	4.353	ppbV	100
118) benzothiophene	20.717	134	227002	4.299	ppbV	100
119) hexachlorobutadiene	20.975	225	318951	4.784	ppbV	99
120) 2-methylnaphthalene	21.800	142	47345	3.995	ppbV	98
121) 1-methylnaphthalene	22.000	142	73918	4.130	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed02\0223T_I\r438759.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438758.D
Acq On : 24 Feb 2025 1:27 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD5.0
Misc : WG2034843,125 mL SS24-035B
ALS Vial : 0 Sample Multiplier: 1

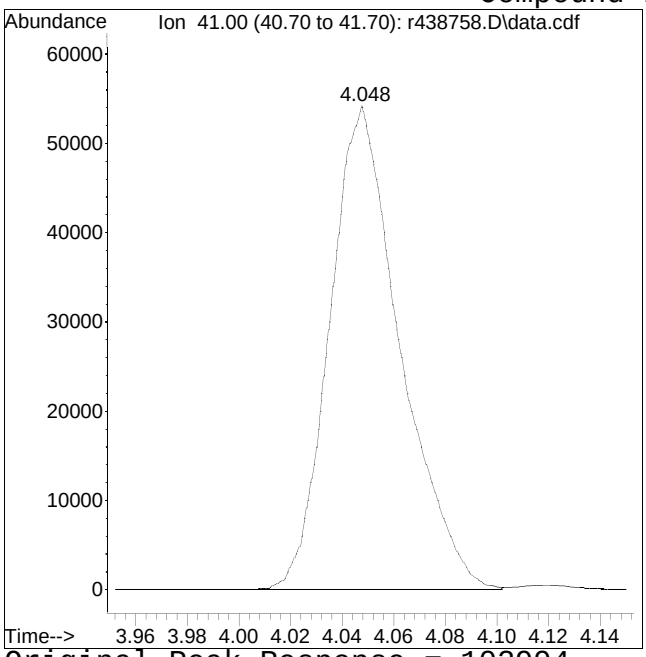
Quant Time: Feb 24 05:32:39 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration



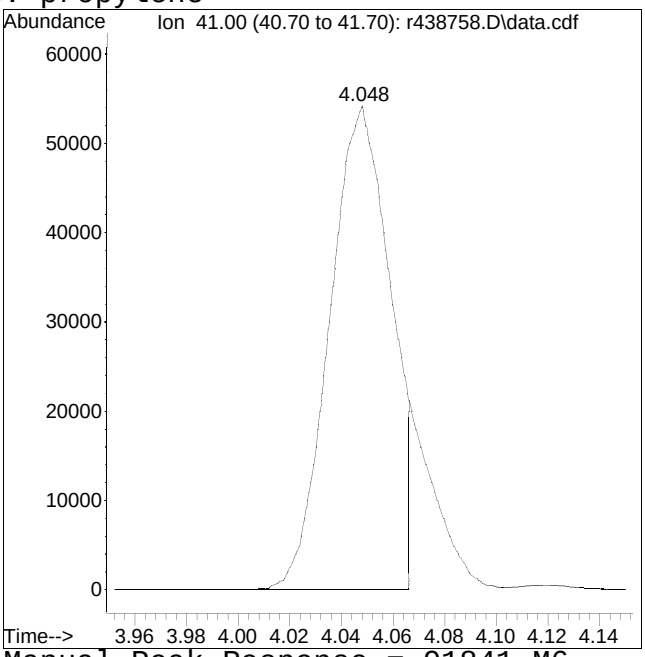
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438758.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 1:27 AM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 2/24/2025 5:32 am

Compound #3: propylene



Original Peak Response = 102994



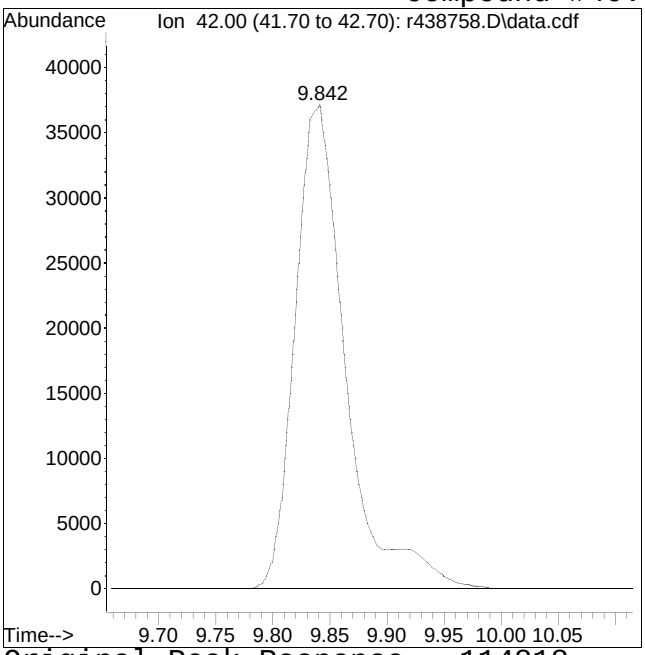
Manual Peak Response = 91841 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

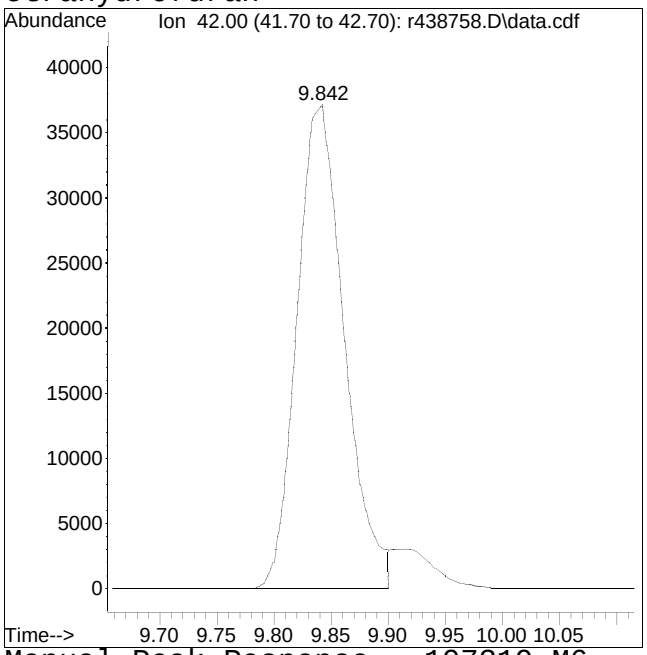
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438758.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 1:27 AM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 2/24/2025 5:32 am

Compound #40: Tetrahydrofuran



Original Peak Response = 114818



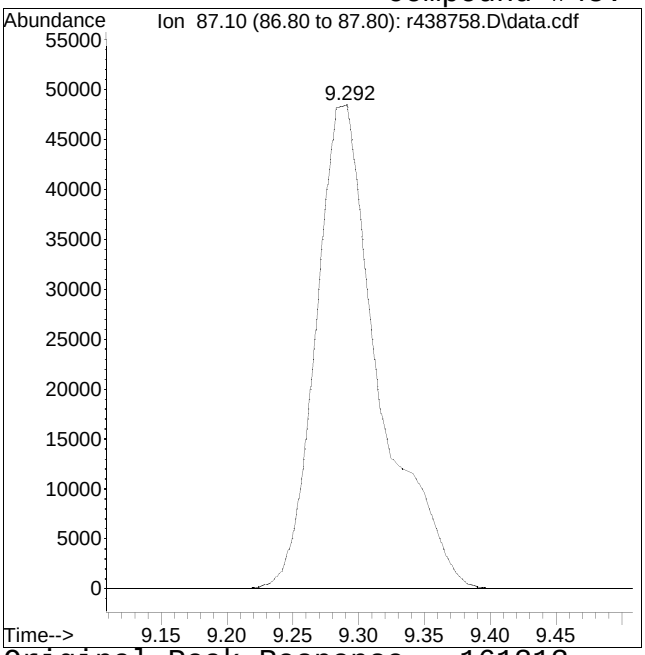
Manual Peak Response = 107319 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

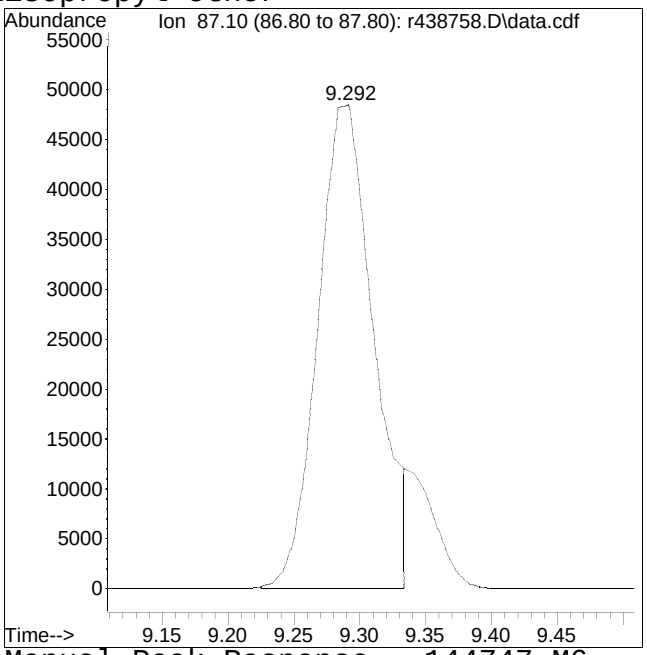
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438758.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 1:27 AM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 2/24/2025 5:32 am

Compound #45: diisopropyl ether



Original Peak Response = 161313



Manual Peak Response = 144747 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438759.D
Acq On : 24 Feb 2025 2:08 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD010
Misc : WG2034843,250 mL SS24-035B
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:27:34 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Feb 21 12:38:51 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.192	49	323895	10.000	ppbV	-0.03
Standard Area = 323895			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.407	114	991542	10.000	ppbV	-0.02
Standard Area = 991542			Recovery = 100.00%			
67) chlorobenzene-D5	16.092	54	161524	10.000	ppbV	0.00
Standard Area = 161524			Recovery = 100.00%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.058	65	303454	11.004	ppbV	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.04%			
69) toluene-D8	14.233	98	1024074	7.631	ppbV	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 76.31%			
90) bromofluorobenzene	17.458	95	742207	8.039	ppbV	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 80.39%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.012	51	304719	11.817	ppbV	99
3) propylene	4.048	41	174699M6	5.956	ppbV	
4) propane	4.066	29	257342	10.274	ppbV	93
5) dichlorodifluoromethane	4.120	85	473771	12.357	ppbV	100
6) chloromethane	4.288	50	196111	10.706	ppbV	99
7) Freon-114	4.396	85	509637	12.129	ppbV	96
8) methanol	4.474	31	531993	47.903	ppbV	94
9) vinyl chloride	4.516	62	275805	11.151	ppbV	98
10) 1,3-butadiene	4.660	54	136585	9.303	ppbV	87
11) butane	4.714	43	350605	9.834	ppbV	97
12) acetaldehyde	4.426	29	480936	60.751	ppbV #	78
13) bromomethane	4.942	94	187283	11.734	ppbV	97
14) chloroethane	5.134	64	133442	10.428	ppbV	98
15) ethanol	5.296	31	1046930	56.922	ppbV	92
16) dichlorofluoromethane	5.242	67	511783	8.995	ppbV #	99
17) vinyl bromide	5.510	106	150722	6.883	ppbV	98
18) acrolein	5.650	56	154657	10.140	ppbV	98
19) acetone	5.803	43	1273027	37.317	ppbV	100
20) acetonitrile	5.507	41	282568	8.396	ppbV	99
21) trichlorofluoromethane	5.967	101	447170	10.698	ppbV	99
22) isopropyl alcohol	6.137	45	780327	14.048	ppbV	100
23) acrylonitrile	6.293	53	240090	9.697	ppbV	98
24) pentane	6.363	43	608586	9.314	ppbV	97

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438759.D
Acq On : 24 Feb 2025 2:08 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD010
Misc : WG2034843,250 mL SS24-035B
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:27:34 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Feb 21 12:38:51 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.407	31	576552	11.497	ppbV		94
26) 1,1-dichloroethene	6.660	61	428924	10.413	ppbV		95
27) tertiary butyl alcohol	6.852	59	678414	10.330	ppbV		98
28) methylene chloride	6.798	49	269126	10.482	ppbV		100
29) 3-chloropropene	6.930	41	297603	6.196	ppbV		93
30) carbon disulfide	7.104	76	508360	7.633	ppbV		98
31) Freon 113	7.098	101	471934	9.421	ppbV	#	94
32) trans-1,2-dichloroethene	7.842	61	311924	7.727	ppbV		95
33) 1,1-dichloroethane	8.067	63	533226	9.473	ppbV		99
34) MTBE	8.158	73	488589	7.594	ppbV		95
35) vinyl acetate	8.250	43	505790	6.721	ppbV		96
36) 2-butanone	8.533	43	420230	7.092	ppbV		97
37) cis-1,2-dichloroethene	9.008	61	414298	9.954	ppbV		94
38) Ethyl Acetate	9.292	61	82372	6.096	ppbV		94
39) chloroform	9.342	83	447385	11.228	ppbV		98
40) Tetrahydrofuran	9.817	42	222534	7.036	ppbV		99
41) 2,2-dichloropropane	9.375	77	366236	11.152	ppbV		97
42) 1,2-dichloroethane	10.175	62	338594	11.196	ppbV		97
44) hexane	9.258	57	391345	8.771	ppbV		88
45) diisopropyl ether	9.267	87	279531	10.895	ppbV		86
46) tert-butyl ethyl ether	9.892	59	1035047	11.012	ppbV		96
48) 1,1,1-trichloroethane	10.467	97	438241	11.201	ppbV		95
49) 1,1-dichloropropene	10.827	75	365185	10.547	ppbV		96
50) benzene	10.993	78	870734	10.571	ppbV		98
51) thiophene	11.140	84	1700672	28.069	ppbV		98
52) carbon tetrachloride	11.160	117	374314	12.647	ppbV		98
53) cyclohexane	11.307	56	418716	8.748	ppbV		96
54) tert-amyl methyl ether	11.720	73	793445	10.208	ppbV		95
55) dibromomethane	11.900	93	276965	11.071	ppbV		96
56) 1,2-dichloropropane	11.933	63	359930	9.885	ppbV		96
57) bromodichloromethane	12.153	83	342336	9.502	ppbV		98
58) 1,4-dioxane	12.267	88	160885	9.100	ppbV		87
59) trichloroethene	12.207	130	366904	11.052	ppbV		97
60) 2,2,4-trimethylpentane	12.260	57	1281349	8.991	ppbV		97
61) methyl methacrylate	12.453	41	396683	9.990	ppbV		95
62) heptane	12.567	43	390005	7.720	ppbV		93
63) cis-1,3-dichloropropene	13.217	75	442108	10.586	ppbV		97
64) 4-methyl-2-pentanone	13.308	43	488443	8.109	ppbV		98
65) trans-1,3-dichloropropene	13.833	75	340965	10.804	ppbV		100
66) 1,1,2-trichloroethane	14.033	97	349594	9.959	ppbV		88

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438759.D
Acq On : 24 Feb 2025 2:08 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD010
Misc : WG2034843,250 mL SS24-035B
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:27:34 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Feb 21 12:38:51 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	14.342	91	1126725	8.671	ppbV		100
70) 2-methylthiophene	14.417	97	2577427	20.711	ppbV		98
71) 1,3-dichloropropane	14.375	76	478286	8.807	ppbV		96
72) 2-hexanone	14.667	43	466511	6.891	ppbV		98
73) 3-methylthiophene	14.600	97	2732050	20.817	ppbV		98
74) dibromochloromethane	14.783	129	335718	7.403	ppbV		100
75) 1,2-dibromoethane	15.033	107	470637	8.083	ppbV		98
76) butyl acetate	15.292	73	150671	7.785	ppbV		92
77) octane	15.358	85	449315	9.365	ppbV		88
78) tetrachloroethene	15.492	166	498865	9.469	ppbV		98
79) 1,1,1,2-tetrachloroethane	16.117	131	353335	9.148	ppbV		97
80) chlorobenzene	16.125	112	824016	8.772	ppbV		98
81) ethylbenzene	16.475	91	1444041	8.826	ppbV		95
82) 2-ethylthiophene	16.517	97	2921073	20.700	ppbV		97
83) m+p-xylene	16.642	91	2308341	18.006	ppbV		94
84) bromoform	16.708	173	339038	7.322	ppbV		99
85) styrene	16.967	104	873774	8.000	ppbV	#	94
86) 1,1,2,2-tetrachloroethane	17.058	83	743505	9.501	ppbV		97
87) o-xylene	17.058	91	1147190	9.189	ppbV		93
88) 1,2,3-trichloropropane	17.175	75	536143	8.814	ppbV		96
89) nonane	17.258	43	762316	8.409	ppbV		94
91) isopropylbenzene	17.575	105	1364676	8.332	ppbV		93
92) bromobenzene	17.650	77	754619	9.139	ppbV		98
93) 2-chlorotoluene	17.983	126	384185	8.834	ppbV		76
94) n-propylbenzene	18.008	120	456246	9.401	ppbV		87
95) 4-chlorotoluene	18.042	126	397975	9.076	ppbV		98
96) 4-ethyl toluene	18.133	105	1032345	6.648	ppbV		94
97) 1,3,5-trimethylbenzene	18.192	105	1376229	8.832	ppbV		90
98) tert-butylbenzene	18.542	119	1254768	9.754	ppbV		95
99) 1,2,4-trimethylbenzene	18.542	105	1184218	8.733	ppbV		90
100) decane	18.617	57	1147550	9.471	ppbV		95
101) Benzyl Chloride	18.667	91	745538	7.255	ppbV		99
102) 1,3-dichlorobenzene	18.675	146	768911	9.053	ppbV		96
103) 1,4-dichlorobenzene	18.733	146	704182	8.686	ppbV		97
104) sec-butylbenzene	18.767	105	1659096	8.423	ppbV		98
105) 1,2,3-trimethylbenzene	18.900	105	1202463	8.822	ppbV		89
106) p-isopropyltoluene	18.900	119	1449666	9.957	ppbV		94
107) 1,2-dichlorobenzene	19.025	146	686006	8.767	ppbV		95
108) n-butylbenzene	19.250	91	1063361	10.110	ppbV		99
109) indan	19.075	117	999659	9.421	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438759.D
Acq On : 24 Feb 2025 2:08 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD010
Misc : WG2034843,250 mL SS24-035B
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:27:34 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Feb 21 12:38:51 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

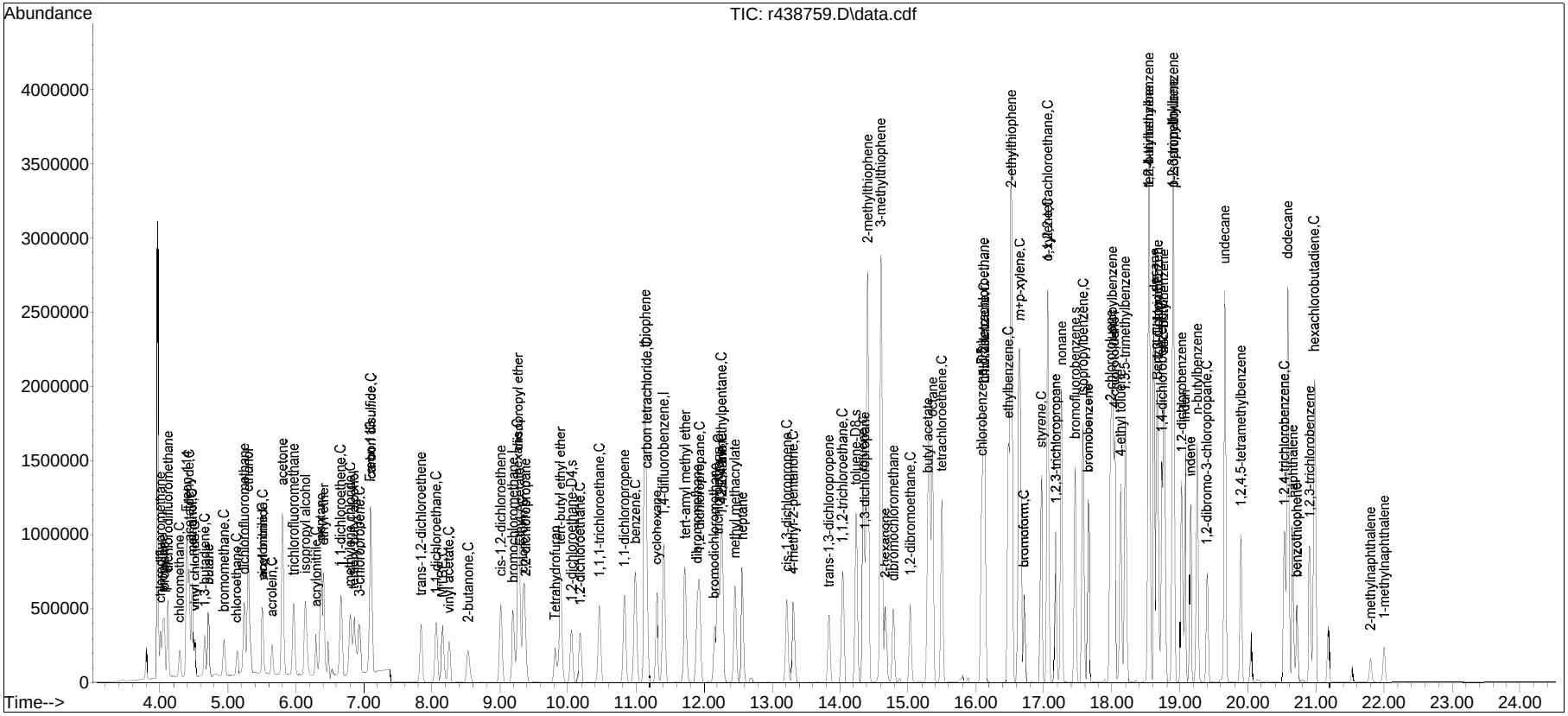
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.158	115	742903	9.285	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.400	75	240977	9.731	ppbV	94
112) undecane	19.658	57	1247305	9.759	ppbV	94
113) 1,2,4,5-tetramethylben...	19.892	119	648006	9.280	ppbV	94
114) dodecane	20.583	57	1288107	9.919	ppbV	94
115) 1,2,4-trichlorobenzene	20.533	180	471322	9.130	ppbV	99
116) naphthalene	20.658	128	1051205	8.996	ppbV	98
117) 1,2,3-trichlorobenzene	20.908	180	434536	8.714	ppbV	99
118) benzothiophene	20.717	134	510515	9.454	ppbV	98
119) hexachlorobutadiene	20.975	225	644670	9.922	ppbV	96
120) 2-methylnaphthalene	21.800	142	114593	9.199	ppbV	97
121) 1-methylnaphthalene	22.000	142	173066M2	8.545	ppbV	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed02\0223T_I\r438759.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438759.D
Acq On : 24 Feb 2025 2:08 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD010
Misc : WG2034843,250 mL SS24-035B
ALS Vial : 0 Sample Multiplier: 1

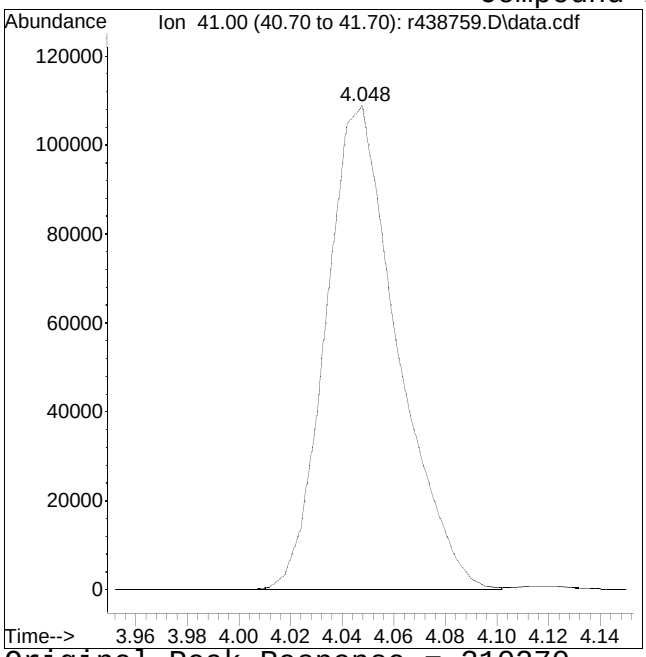
Quant Time: Feb 24 05:27:34 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Feb 21 12:38:51 2025
Response via : Initial Calibration



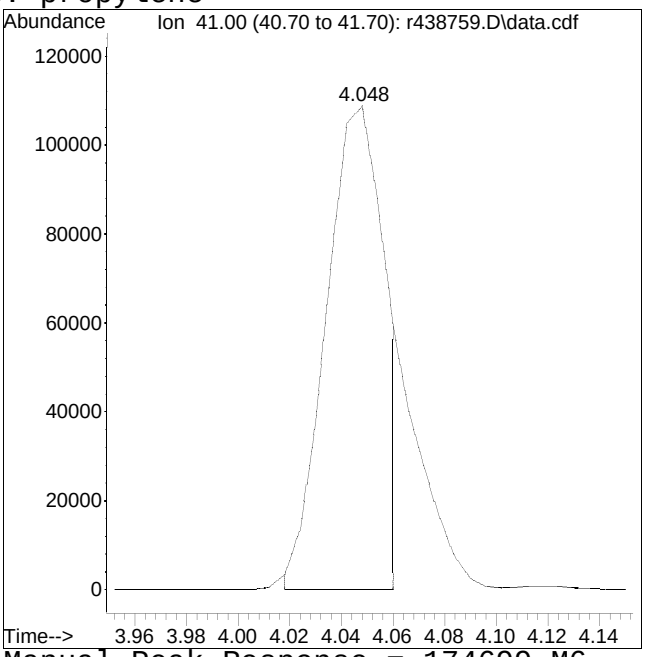
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438759.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 2:08 AM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 2/24/2025 5:27 am

Compound #3: propylene



Original Peak Response = 210270



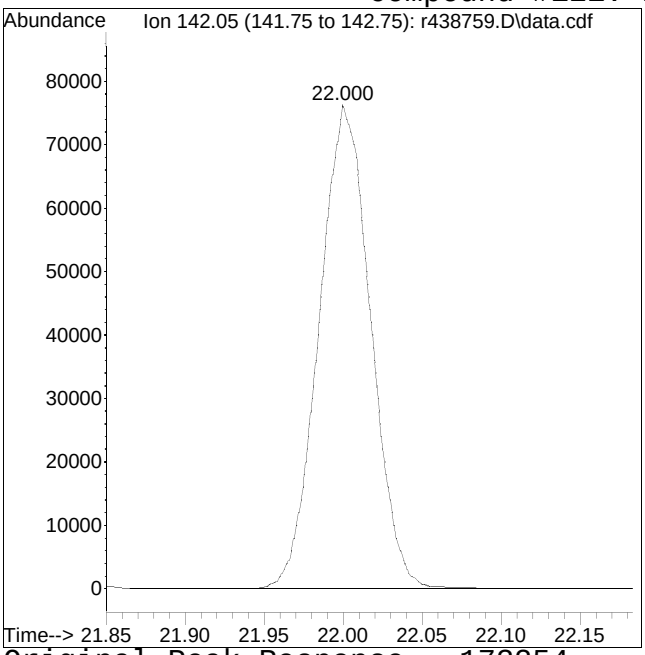
Manual Peak Response = 174699 M6

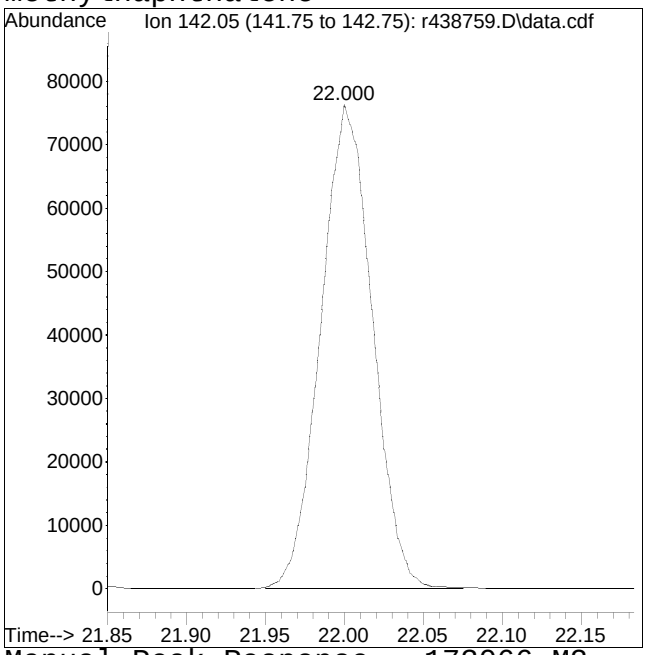
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438759.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 2:08 AM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 2/24/2025 5:27 am

Compound #121: 1-methylnaphthalene





Original Peak Response = 173254 Manual Peak Response = 173066 M2
M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438760.D
Acq On : 24 Feb 2025 2:45 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD020
Misc : WG2034843,50 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:50 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.192	49	316467	10.000	ppbV	0.00
Standard Area = 323895			Recovery = 97.71%			
43) 1,4-difluorobenzene	11.407	114	968118	10.000	ppbV	0.00
Standard Area = 991542			Recovery = 97.64%			
67) chlorobenzene-D5	16.092	54	160872	10.000	ppbV	0.00
Standard Area = 161524			Recovery = 99.60%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.058	65	314355	10.610	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.10%			
69) toluene-D8	14.233	98	990337	9.710	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.10%			
90) bromofluorobenzene	17.458	95	690824	9.345	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.45%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.012	51	558895	18.772	ppbV	100
3) propylene	4.042	41	474150M6	27.778	ppbV	
4) propane	4.066	29	494515	19.667	ppbV	97
5) dichlorodifluoromethane	4.114	85	897381	19.386	ppbV	100
6) chloromethane	4.282	50	380165	19.840	ppbV	100
7) Freon-114	4.390	85	963995	19.359	ppbV	98
8) methanol	4.468	31	1076676	103.568	ppbV	94
9) vinyl chloride	4.510	62	540917	20.073	ppbV	100
10) 1,3-butadiene	4.654	54	351351	26.328	ppbV	99
11) butane	4.714	43	710544	20.742	ppbV	99
12) acetaldehyde	4.414	29	949304	101.010	ppbV	94
13) bromomethane	4.936	94	363454	19.862	ppbV	99
14) chloroethane	5.128	64	263223	20.189	ppbV	100
15) ethanol	5.296	31	2092398	102.276	ppbV	98
16) dichlorofluoromethane	5.236	67	1079445	21.587	ppbV	100
17) vinyl bromide	5.507	106	392353	26.643	ppbV	100
18) acrolein	5.640	56	311636	20.623	ppbV	99
19) acetone	5.787	43	3252745	130.755	ppbV	100
20) acetonitrile	5.500	41	584939	21.187	ppbV	100
21) trichlorofluoromethane	5.963	101	868503	19.878	ppbV	99
22) isopropyl alcohol	6.097	45	2078603	68.157	ppbV	100
23) acrylonitrile	6.290	53	481726	20.535	ppbV	100
24) pentane	6.357	43	1219334	20.506	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438760.D
Acq On : 24 Feb 2025 2:45 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD020
Misc : WG2034843,50 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:50 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.390	31	1020353	18.113	ppbV		99
26) 1,1-dichloroethene	6.660	61	842815	20.111	ppbV		100
27) tertiary butyl alcohol	6.792	59	1362167	20.550	ppbV		97
28) methylene chloride	6.798	49	516315	19.635	ppbV		99
29) 3-chloropropene	6.930	41	762495	26.223	ppbV		99
30) carbon disulfide	7.104	76	1318863	26.552	ppbV		100
31) Freon 113	7.098	101	918452	19.918	ppbV		99
32) trans-1,2-dichloroethene	7.842	61	803226	26.355	ppbV		99
33) 1,1-dichloroethane	8.067	63	1047663	20.109	ppbV		100
34) MTBE	8.142	73	1260275	26.400	ppbV		100
35) vinyl acetate	8.250	43	1347812	27.273	ppbV		99
36) 2-butanone	8.517	43	1113749	27.125	ppbV		100
37) cis-1,2-dichloroethene	9.008	61	809418	19.996	ppbV		99
38) Ethyl Acetate	9.275	61	215804	26.814	ppbV		80
39) chloroform	9.342	83	856671	19.598	ppbV		100
40) Tetrahydrofuran	9.792	42	581749	26.756	ppbV		100
41) 2,2-dichloropropane	9.367	77	722077	20.179	ppbV		99
42) 1,2-dichloroethane	10.175	62	659583	19.937	ppbV		99
44) hexane	9.258	57	978216	25.601	ppbV	#	68
45) diisopropyl ether	9.258	87	547529	20.061	ppbV		99
46) tert-butyl ethyl ether	9.875	59	2057439	20.359	ppbV		99
48) 1,1,1-trichloroethane	10.467	97	846054	19.773	ppbV		100
49) 1,1-dichloropropene	10.827	75	733263	20.565	ppbV		99
50) benzene	10.993	78	1683102	19.797	ppbV		100
51) thiophene	11.140	84	1335764	8.044	ppbV		99
52) carbon tetrachloride	11.160	117	723159	19.787	ppbV		98
53) cyclohexane	11.307	56	1069393	26.158	ppbV		99
54) tert-amyl methyl ether	11.693	73	1577016	20.356	ppbV		100
55) dibromomethane	11.893	93	539992	19.968	ppbV		98
56) 1,2-dichloropropane	11.933	63	712730	20.281	ppbV		100
57) bromodichloromethane	12.153	83	867357	25.949	ppbV		100
58) 1,4-dioxane	12.220	88	417961	26.607	ppbV	#	75
59) trichloroethene	12.207	130	709660	19.810	ppbV		100
60) 2,2,4-trimethylpentane	12.253	57	3224948	25.777	ppbV		99
61) methyl methacrylate	12.447	41	800395	20.665	ppbV		99
62) heptane	12.567	43	1008740	26.491	ppbV		99
63) cis-1,3-dichloropropene	13.217	75	873157	20.228	ppbV		100
64) 4-methyl-2-pentanone	13.283	43	1255504	26.326	ppbV		99
65) trans-1,3-dichloropropene	13.833	75	681087	20.459	ppbV		99
66) 1,1,2-trichloroethane	14.033	97	682502	19.995	ppbV		99

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438760.D
Acq On : 24 Feb 2025 2:45 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD020
Misc : WG2034843,50 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:50 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	14.342	91	2152655	19.183	ppbV	100
70) 2-methylthiophene	14.417	97	1979353	7.711	ppbV	99
71) 1,3-dichloropropane	14.367	76	950348	19.950	ppbV	100
72) 2-hexanone	14.650	43	1196726	25.757	ppbV	100
73) 3-methylthiophene	14.600	97	2112526	7.764	ppbV	99
74) dibromochloromethane	14.783	129	846550	25.318	ppbV	99
75) 1,2-dibromoethane	15.033	107	914083	19.501	ppbV	100
76) butyl acetate	15.283	73	306177	20.403	ppbV	97
77) octane	15.358	85	871294	19.470	ppbV	98
78) tetrachloroethene	15.492	166	942984	18.979	ppbV	99
79) 1,1,1,2-tetrachloroethane	16.117	131	680071	19.325	ppbV	98
80) chlorobenzene	16.125	112	1586915	19.336	ppbV	100
81) ethylbenzene	16.475	91	2710604	18.847	ppbV	98
82) 2-ethylthiophene	16.517	97	2285541	7.856	ppbV	99
83) m+p-xylene	16.642	91	4314779	37.536	ppbV	99
84) bromoform	16.708	173	853328	25.271	ppbV	99
85) styrene	16.967	104	1698729	19.520	ppbV	99
86) 1,1,2,2-tetrachloroethane	17.058	83	1410931	19.054	ppbV	99
87) o-xylene	17.058	91	2099177	18.373	ppbV	97
88) 1,2,3-trichloropropane	17.175	75	1061278	19.875	ppbV	100
89) nonane	17.250	43	1508438	19.868	ppbV	98
91) isopropylbenzene	17.575	105	2645423	19.464	ppbV	99
92) bromobenzene	17.650	77	1473690	19.608	ppbV	100
93) 2-chlorotoluene	17.983	126	753651	19.696	ppbV	95
94) n-propylbenzene	18.008	120	898218	19.767	ppbV	96
95) 4-chlorotoluene	18.042	126	777520	19.616	ppbV	97
96) 4-ethyl toluene	18.133	105	2566018	24.957	ppbV	99
97) 1,3,5-trimethylbenzene	18.192	105	2577750	18.806	ppbV	99
98) tert-butylbenzene	18.542	119	2415947	19.332	ppbV	100
99) 1,2,4-trimethylbenzene	18.542	105	2231990	18.924	ppbV	99
100) decane	18.617	57	2242245	19.619	ppbV	97
101) Benzyl Chloride	18.667	91	1969179	26.520	ppbV	99
102) 1,3-dichlorobenzene	18.675	146	1464170	19.119	ppbV	99
103) 1,4-dichlorobenzene	18.733	146	1380588	19.685	ppbV	99
104) sec-butylbenzene	18.767	105	3300593	19.975	ppbV	98
105) 1,2,3-trimethylbenzene	18.900	105	2331794	19.470	ppbV	99
106) p-isopropyltoluene	18.900	119	2840328	19.672	ppbV	99
107) 1,2-dichlorobenzene	19.025	146	1337349	19.574	ppbV	99
108) n-butylbenzene	19.250	91	2185892	20.640	ppbV	99
109) indan	19.075	117	2055539	20.646	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438760.D
Acq On : 24 Feb 2025 2:45 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD020
Misc : WG2034843,50 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:32:50 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

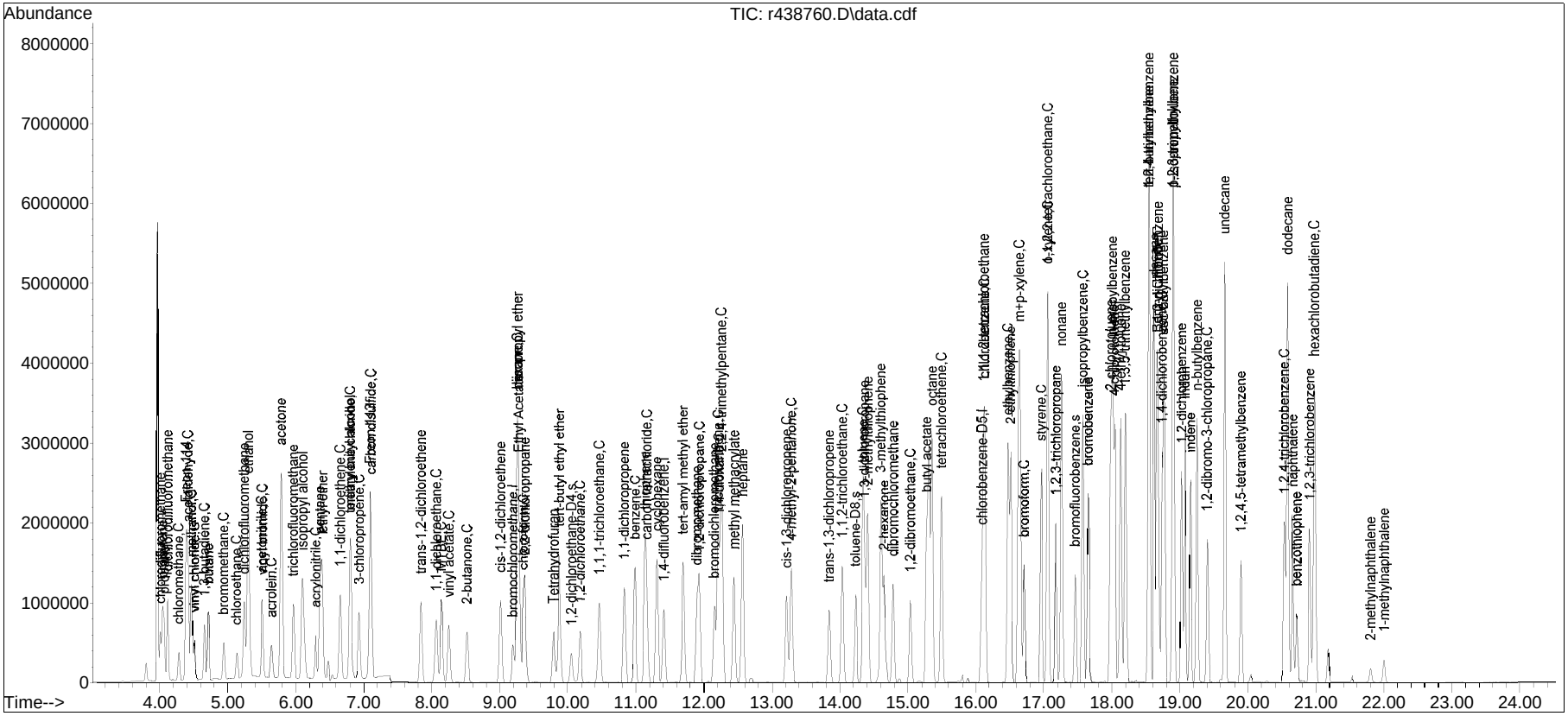
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.158	115	1581188	21.370	ppbV	98
111) 1,2-dibromo-3-chloropr...	19.400	75	565236	23.551	ppbV	97
112) undecane	19.658	57	2427391	19.540	ppbV	97
113) 1,2,4,5-tetramethylben...	19.892	119	996000	15.433	ppbV	99
114) dodecane	20.583	57	2405336	18.749	ppbV	97
115) 1,2,4-trichlorobenzene	20.533	180	938760	19.998	ppbV	100
116) naphthalene	20.658	128	2161479	20.645	ppbV	100
117) 1,2,3-trichlorobenzene	20.908	180	894302	20.664	ppbV	100
118) benzothiophene	20.717	134	826556	16.256	ppbV	100
119) hexachlorobutadiene	20.975	225	1171701	18.249	ppbV	99
120) 2-methylnaphthalene	21.800	142	126433	11.078	ppbV	99
121) 1-methylnaphthalene	22.000	142	201460	11.688	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed02\0223T_I\r438759.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438760.D
Acq On : 24 Feb 2025 2:45 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD020
Misc : WG2034843,50 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

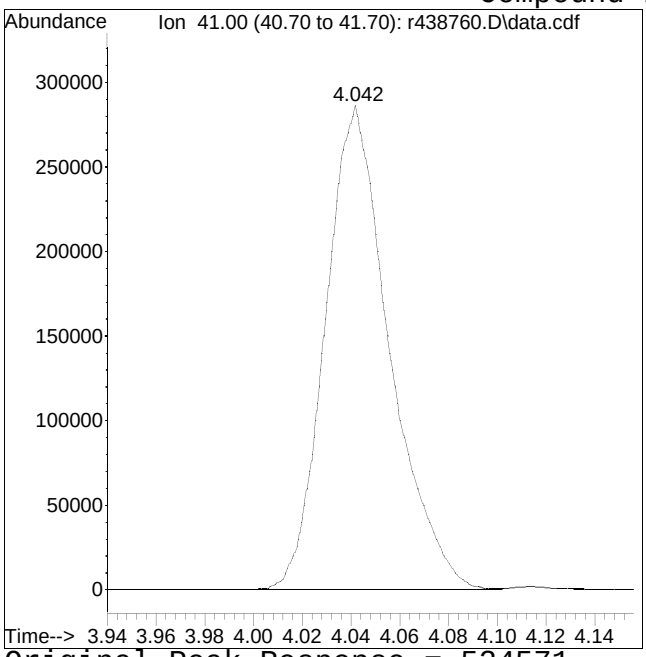
Quant Time: Feb 24 05:32:50 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration



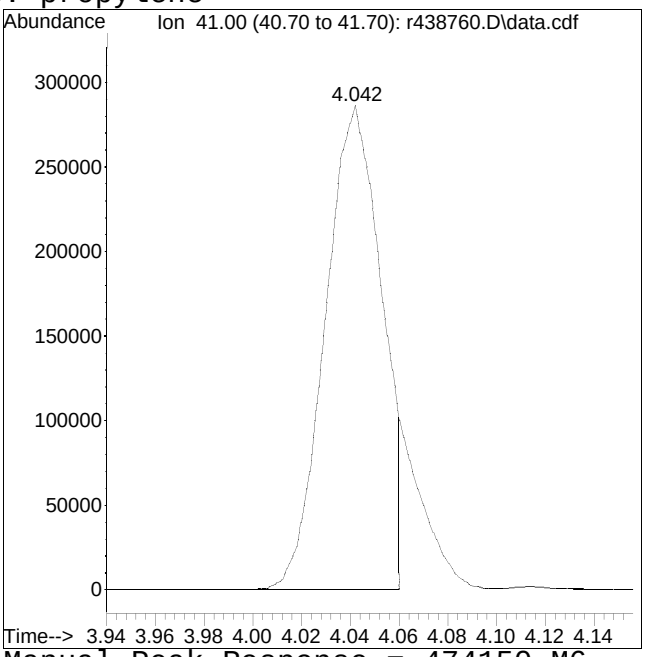
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438760.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 2:45 AM Instrument :
Sample : ITO15-SIMSTD020 Quant Date : 2/24/2025 5:32 am

Compound #3: propylene



Original Peak Response = 524571



Manual Peak Response = 474150 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438761.D
Acq On : 24 Feb 2025 3:24 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD050
Misc : WG2034843,125 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:33:02 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.208	49	320902	10.000	ppbV	0.02
Standard Area = 323895			Recovery = 99.08%			
43) 1,4-difluorobenzene	11.420	114	997647	10.000	ppbV	0.01
Standard Area = 991542			Recovery = 100.62%			
67) chlorobenzene-D5	16.092	54	154379	10.000	ppbV	# 0.00
Standard Area = 161524			Recovery = 95.58%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.067	65	303025	9.925	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.25%			
69) toluene-D8	14.242	98	1011244	10.332	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.32%			
90) bromofluorobenzene	17.458	95	724206	10.209	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.09%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.018	51	1387098	45.945	ppbV	99
3) propylene	4.048	41	1141777M6	65.966	ppbV	
4) propane	4.072	29	1160739	45.526	ppbV	95
5) dichlorodifluoromethane	4.120	85	2064298	43.978	ppbV	100
6) chloromethane	4.294	50	932478	47.992	ppbV	100
7) Freon-114	4.402	85	2216684	43.901	ppbV	99
8) methanol	4.486	31	2526810	239.700	ppbV	92
9) vinyl chloride	4.522	62	1303385	47.698	ppbV	99
10) 1,3-butadiene	4.666	54	848464	62.699	ppbV	96
11) butane	4.720	43	1764288	50.791	ppbV	99
12) acetaldehyde	4.426	29	2096637	220.008	ppbV	85
13) bromomethane	4.948	94	861873	46.449	ppbV	99
14) chloroethane	5.140	64	707971	53.549	ppbV	100
15) ethanol	5.320	31	3654186	176.147	ppbV	91
16) dichlorofluoromethane	5.254	67	2686210	52.977	ppbV	100
17) vinyl bromide	5.520	106	973570	65.196	ppbV	98
18) acrolein	5.653	56	754729	49.255	ppbV	98
19) acetone	5.797	43	7648650	303.214	ppbV	100
20) acetonitrile	5.520	41	1489044	53.188	ppbV	98
21) trichlorofluoromethane	5.977	101	2045440	46.169	ppbV	100
22) isopropyl alcohol	6.110	45	5128404	165.835	ppbV	100
23) acrylonitrile	6.307	53	1169115	49.149	ppbV	99
24) pentane	6.370	43	3154345	52.314	ppbV	98

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438761.D
Acq On : 24 Feb 2025 3:24 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD050
Misc : WG2034843,125 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:33:02 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.400	31	2758727	48.295	ppbV		95
26) 1,1-dichloroethene	6.672	61	2023802	47.623	ppbV		98
27) tertiary butyl alcohol	6.786	59	3272953	48.694	ppbV		99
28) methylene chloride	6.816	49	1234603	46.302	ppbV		98
29) 3-chloropropene	6.942	41	1938757	65.753	ppbV		97
30) carbon disulfide	7.116	76	3193823	63.412	ppbV		98
31) Freon 113	7.110	101	2162700	46.254	ppbV		100
32) trans-1,2-dichloroethene	7.850	61	1956170	63.298	ppbV		97
33) 1,1-dichloroethane	8.083	63	2603754	49.286	ppbV		99
34) MTBE	8.150	73	3096134	63.960	ppbV		98
35) vinyl acetate	8.258	43	3402651	67.901	ppbV		99
36) 2-butanone	8.525	43	2799634	67.243	ppbV		99
37) cis-1,2-dichloroethene	9.025	61	1976955	48.163	ppbV		100
38) Ethyl Acetate	9.292	61	521623	63.916	ppbV		85
39) chloroform	9.358	83	2005640	45.248	ppbV		100
40) Tetrahydrofuran	9.792	42	1473461	66.830	ppbV		99
41) 2,2-dichloropropane	9.383	77	1695715	46.733	ppbV		99
42) 1,2-dichloroethane	10.192	62	1554436	46.337	ppbV		98
44) hexane	9.267	57	2189850	55.615	ppbV	#	61
45) diisopropyl ether	9.267	87	1281274	45.556	ppbV		96
46) tert-butyl ethyl ether	9.875	59	4817685	46.261	ppbV		99
48) 1,1,1-trichloroethane	10.475	97	2115104	47.968	ppbV		99
49) 1,1-dichloropropene	10.840	75	1775758	48.329	ppbV		99
50) benzene	11.000	78	4078216	46.550	ppbV		99
51) thiophene	11.153	84	3178204	18.574	ppbV		96
52) carbon tetrachloride	11.173	117	1657490	44.010	ppbV		99
53) cyclohexane	11.313	56	2533341	60.132	ppbV		96
54) tert-amyl methyl ether	11.693	73	3856349	48.305	ppbV		99
55) dibromomethane	11.907	93	1250243	44.865	ppbV		97
56) 1,2-dichloropropane	11.940	63	1740766	48.068	ppbV		98
57) bromodichloromethane	12.167	83	2026919	58.846	ppbV		100
58) 1,4-dioxane	12.213	88	1002626	61.938	ppbV	#	68
59) trichloroethene	12.213	130	1683510	45.603	ppbV		97
60) 2,2,4-trimethylpentane	12.260	57	7420416	57.557	ppbV		96
61) methyl methacrylate	12.453	41	2009675	50.352	ppbV		99
62) heptane	12.573	43	2500364	63.719	ppbV		95
63) cis-1,3-dichloropropene	13.225	75	2128412	47.848	ppbV		100
64) 4-methyl-2-pentanone	13.275	43	3101338	63.106	ppbV		98
65) trans-1,3-dichloropropene	13.842	75	1657746	48.322	ppbV		99
66) 1,1,2-trichloroethane	14.042	97	1631777	46.391	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438761.D
Acq On : 24 Feb 2025 3:24 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD050
Misc : WG2034843,125 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:33:02 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	14.350	91	4907520	45.571	ppbV	100
70) 2-methylthiophene	14.425	97	4596782	18.660	ppbV	99
71) 1,3-dichloropropane	14.375	76	2277849	49.829	ppbV	99
72) 2-hexanone	14.633	43	2934125	65.806	ppbV	98
73) 3-methylthiophene	14.608	97	4862061	18.620	ppbV	100
74) dibromochloromethane	14.792	129	1937300	60.377	ppbV	98
75) 1,2-dibromoethane	15.042	107	2156905	47.951	ppbV	99
76) butyl acetate	15.275	73	764767	53.107	ppbV	88
77) octane	15.358	85	2039537	47.493	ppbV	95
78) tetrachloroethene	15.492	166	2157500	45.250	ppbV	97
79) 1,1,1,2-tetrachloroethane	16.117	131	1541617	45.650	ppbV	99
80) chlorobenzene	16.133	112	3665015	46.536	ppbV	99
81) ethylbenzene	16.483	91	6114017	44.299	ppbV	96
82) 2-ethylthiophene	16.517	97	5169550	18.517	ppbV	97
83) m+p-xylene	16.642	91	9295456	84.265	ppbV	94
84) bromoform	16.717	173	1992102	61.477	ppbV	99
85) styrene	16.967	104	4022622	48.168	ppbV	99
86) 1,1,2,2-tetrachloroethane	17.058	83	3199561	45.025	ppbV	97
87) o-xylene	17.067	91	4410244	40.223	ppbV	91
88) 1,2,3-trichloropropane	17.175	75	2554586	49.853	ppbV	97
89) nonane	17.258	43	3584553	49.198	ppbV	89
91) isopropylbenzene	17.575	105	6058089	46.447	ppbV	96
92) bromobenzene	17.658	77	3450592	47.843	ppbV	97
93) 2-chlorotoluene	17.983	126	1828052	49.785	ppbV	79
94) n-propylbenzene	18.008	120	2141201	49.103	ppbV	82
95) 4-chlorotoluene	18.042	126	1806438	47.492	ppbV	90
96) 4-ethyl toluene	18.133	105	5914891	59.947	ppbV	97
97) 1,3,5-trimethylbenzene	18.200	105	5902273	44.872	ppbV	97
98) tert-butylbenzene	18.542	119	5058504	42.180	ppbV	97
99) 1,2,4-trimethylbenzene	18.550	105	4695663	41.487	ppbV	91
100) decane	18.625	57	4904279	44.715	ppbV	88
101) Benzyl Chloride	18.667	91	4509427	63.285	ppbV	93
102) 1,3-dichlorobenzene	18.683	146	3316860	45.134	ppbV	98
103) 1,4-dichlorobenzene	18.733	146	3295547	48.966	ppbV	98
104) sec-butylbenzene	18.767	105	7394307	46.631	ppbV	95
105) 1,2,3-trimethylbenzene	18.908	105	4819037	41.931	ppbV	97
106) p-isopropyltoluene	18.900	119	5907489	42.637	ppbV	95
107) 1,2-dichlorobenzene	19.025	146	3208408	48.934	ppbV	98
108) n-butylbenzene	19.250	91	5095574	50.137	ppbV	95
109) indan	19.083	117	4834226	50.597	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438761.D
Acq On : 24 Feb 2025 3:24 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD050
Misc : WG2034843,125 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:33:02 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

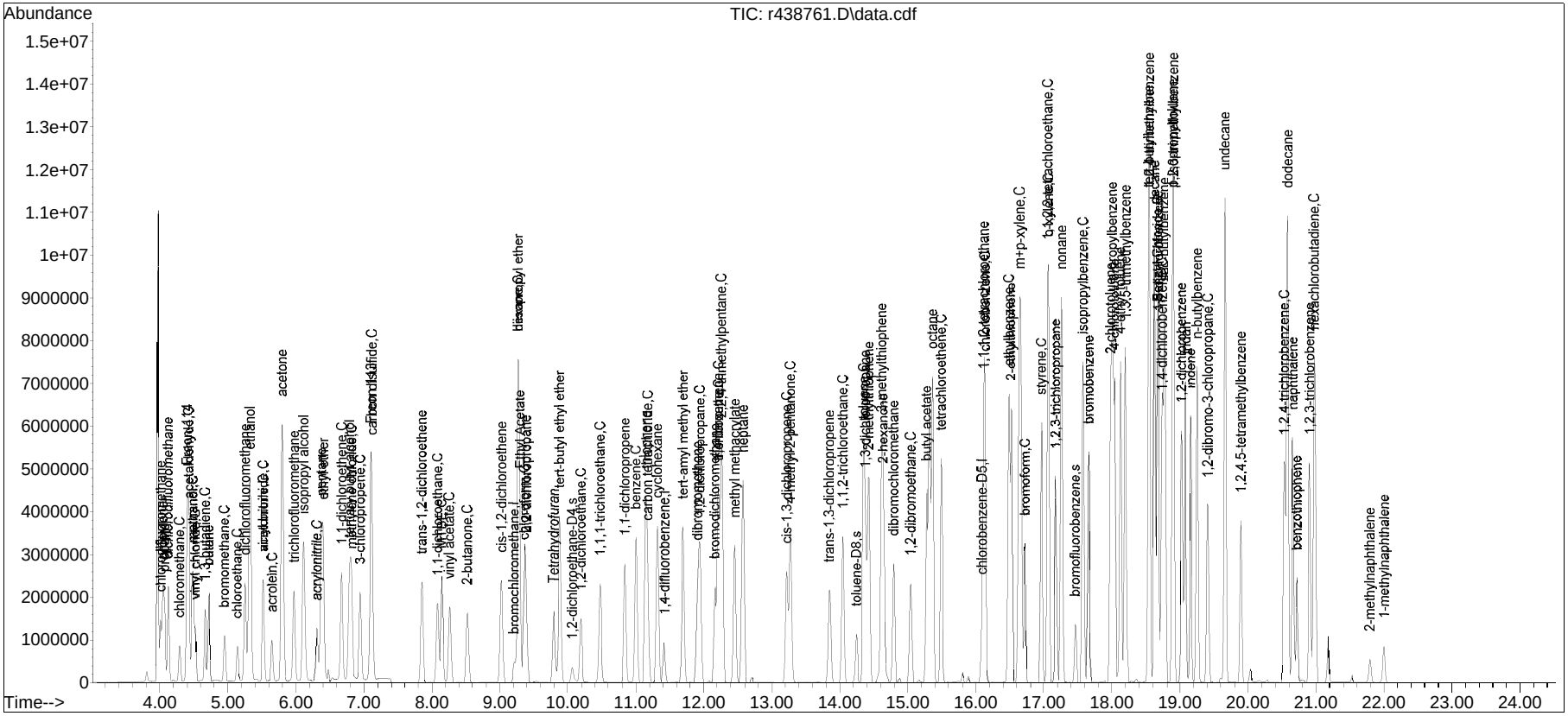
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.158	115	3909524	55.061	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.408	75	1374519	59.679	ppbV	95
112) undecane	19.658	57	5161127	43.293	ppbV	88
113) 1,2,4,5-tetramethylben...	19.892	119	2476790	39.991	ppbV	99
114) dodecane	20.583	57	5102993	41.450	ppbV	86
115) 1,2,4-trichlorobenzene	20.533	180	2509050	55.698	ppbV	99
116) naphthalene	20.658	128	5872130	58.446	ppbV	100
117) 1,2,3-trichlorobenzene	20.908	180	2455771	59.130	ppbV	99
118) benzothiophene	20.717	134	2360087	48.369	ppbV	100
119) hexachlorobutadiene	20.975	225	2517297	40.855	ppbV	95
120) 2-methylnaphthalene	21.792	142	400405	36.559	ppbV	99
121) 1-methylnaphthalene	22.000	142	625515	37.816	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed02\0223T_I\r438759.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438761.D
Acq On : 24 Feb 2025 3:24 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-SIMSTD050
Misc : WG2034843,125 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

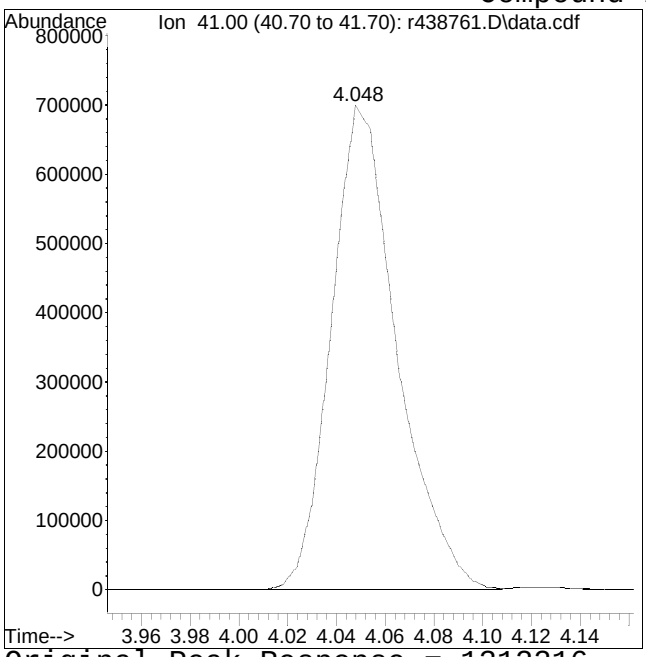
Quant Time: Feb 24 05:33:02 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration



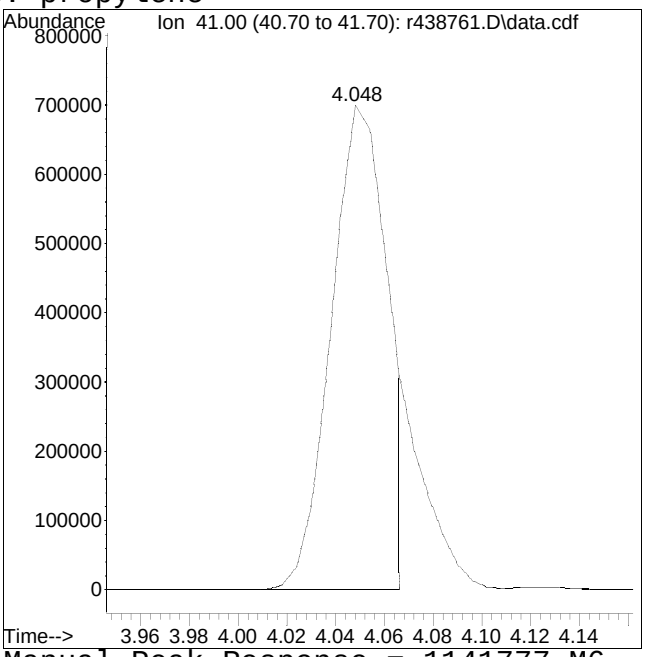
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438761.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 3:24 AM Instrument :
Sample : ITO15-SIMSTD050 Quant Date : 2/24/2025 5:33 am

Compound #3: propylene



Original Peak Response = 1312216



Manual Peak Response = 1141777 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438762.D
Acq On : 24 Feb 2025 4:05 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-LLSTD100
Misc : WG2034843,250 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:33:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.200	49	300863	10.000	ppbV	0.00
Standard Area = 323895			Recovery = 92.89%			
43) 1,4-difluorobenzene	11.413	114	942555	10.000	ppbV	0.00
Standard Area = 991542			Recovery = 95.06%			
67) chlorobenzene-D5	16.092	54	139144	10.000	ppbV	# 0.00
Standard Area = 161524			Recovery = 86.14%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.067	65	285498	9.897	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.97%			
69) toluene-D8	14.242	98	1017683	11.536	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 115.36%			
90) bromofluorobenzene	17.458	95	729075	11.403	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 114.03%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.012	51	2473324M6	87.381	ppbV	
3) propylene	4.042	41	2250413M6	138.678	ppbV	
4) propane	4.066	29	2062410	86.278	ppbV	# 92
5) dichlorodifluoromethane	4.114	85	3429478	77.928	ppbV	99
6) chloromethane	4.288	50	1711156	93.934	ppbV	99
7) Freon-114	4.396	85	3647269	77.045	ppbV	100
8) methanol	4.474	31	4364166	441.571	ppbV	90
9) vinyl chloride	4.516	62	2259948	88.213	ppbV	99
10) 1,3-butadiene	4.660	54	1496004	117.914	ppbV	95
11) butane	4.714	43	3301454	101.373	ppbV	96
12) acetaldehyde	4.414	29	3271920	366.202	ppbV	# 69
13) bromomethane	4.948	94	1466674	84.308	ppbV	99
14) chloroethane	5.134	64	1200428	96.845	ppbV	100
15) ethanol	5.314	31	7054843	362.723	ppbV	# 81
16) dichlorofluoromethane	5.248	67	4889620	102.855	ppbV	99
17) vinyl bromide	5.513	106	1798839	128.485	ppbV	96
18) acrolein	5.640	56	1368607	95.267	ppbV	97
19) acetone	5.783	43	13060570	552.243	ppbV	99
20) acetonitrile	5.510	41	2926701	111.504	ppbV	97
21) trichlorofluoromethane	5.970	101	3433722	82.666	ppbV	98
22) isopropyl alcohol	6.103	45	9518990	328.314	ppbV	99
23) acrylonitrile	6.300	53	2147070	96.274	ppbV	99
24) pentane	6.363	43	6302307	111.484	ppbV	95

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438762.D
Acq On : 24 Feb 2025 4:05 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-LLSTD100
Misc : WG2034843,250 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:33:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.387	31	4121241	76.953	ppbV	#	91
26) 1,1-dichloroethene	6.666	61	3520170	88.352	ppbV		93
27) tertiary butyl alcohol	6.762	59	5809888	92.195	ppbV		97
28) methylene chloride	6.804	49	2263564	90.547	ppbV		97
29) 3-chloropropene	6.936	41	3786835	136.985	ppbV		94
30) carbon disulfide	7.110	76	5730951	121.364	ppbV		96
31) Freon 113	7.098	101	3647977	83.216	ppbV		97
32) trans-1,2-dichloroethene	7.850	61	3486855	120.343	ppbV		94
33) 1,1-dichloroethane	8.075	63	4840020	97.717	ppbV		99
34) MTBE	8.133	73	5734003	126.343	ppbV		96
35) vinyl acetate	8.250	43	6510447	138.572	ppbV		98
36) 2-butanone	8.517	43	5048050	129.322	ppbV		98
37) cis-1,2-dichloroethene	9.017	61	3518435	91.427	ppbV		94
38) Ethyl Acetate	9.283	61	920319	120.280	ppbV		89
39) chloroform	9.358	83	3435910	82.679	ppbV		99
40) Tetrahydrofuran	9.783	42	2904519	140.512	ppbV		99
41) 2,2-dichloropropane	9.375	77	2907952	85.479	ppbV		97
42) 1,2-dichloroethane	10.183	62	2638659	83.896	ppbV		95
44) hexane	9.258	57	3562388	95.760	ppbV	#	56
45) diisopropyl ether	9.258	87	2205749	83.010	ppbV		93
46) tert-butyl ethyl ether	9.867	59	8253587	83.886	ppbV		96
48) 1,1,1-trichloroethane	10.475	97	3510744	84.273	ppbV		98
49) 1,1-dichloropropene	10.833	75	3287666	94.706	ppbV		96
50) benzene	11.000	78	7532770	91.007	ppbV		98
51) thiophene	11.147	84	5724877	35.412	ppbV		93
52) carbon tetrachloride	11.167	117	2705794	76.044	ppbV		98
53) cyclohexane	11.313	56	4503189	113.137	ppbV		92
54) tert-amyl methyl ether	11.687	73	7131720	94.554	ppbV		98
55) dibromomethane	11.907	93	2128422	80.842	ppbV		92
56) 1,2-dichloropropane	11.940	63	3160124	92.361	ppbV		97
57) bromodichloromethane	12.167	83	3516865	108.071	ppbV		99
58) 1,4-dioxane	12.207	88	1788609	116.951	ppbV	#	63
59) trichloroethene	12.213	130	2969960	85.154	ppbV		96
60) 2,2,4-trimethylpentane	12.260	57	12646657	103.828	ppbV	#	93
61) methyl methacrylate	12.453	41	3792543	100.575	ppbV		95
62) heptane	12.573	43	4725434	127.461	ppbV		91
63) cis-1,3-dichloropropene	13.225	75	3981531	94.738	ppbV		97
64) 4-methyl-2-pentanone	13.267	43	5840380	125.786	ppbV		94
65) trans-1,3-dichloropropene	13.850	75	3086731	95.234	ppbV		99
66) 1,1,2-trichloroethane	14.042	97	2993845	90.089	ppbV		94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438762.D
Acq On : 24 Feb 2025 4:05 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-LLSTD100
Misc : WG2034843,250 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:33:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	14.350	91	8425879	86.810	ppbV		100
70) 2-methylthiophene	14.425	97	8017720	36.111	ppbV		99
71) 1,3-dichloropropane	14.383	76	4135684	100.377	ppbV		99
72) 2-hexanone	14.633	43	5222381	129.951	ppbV		93
73) 3-methylthiophene	14.608	97	8115243	34.481	ppbV		98
74) dibromochloromethane	14.792	129	3307806	114.377	ppbV		98
75) 1,2-dibromoethane	15.042	107	3838754	94.684	ppbV		98
76) butyl acetate	15.275	73	1460919	112.556	ppbV	#	80
77) octane	15.358	85	3529438	91.186	ppbV		91
78) tetrachloroethene	15.492	166	3599674	83.763	ppbV	#	96
79) 1,1,1,2-tetrachloroethane	16.117	131	2459751	80.812	ppbV		97
80) chlorobenzene	16.133	112	6141440	86.518	ppbV		99
81) ethylbenzene	16.483	91	10149953	81.594	ppbV		90
82) 2-ethylthiophene	16.525	97	8389975	33.342	ppbV		93
83) m+p-xylene	16.650	91	14556654	146.408	ppbV		91
84) bromoform	16.717	173	3321286	113.718	ppbV		98
85) styrene	16.967	104	7034904	93.461	ppbV		98
86) 1,1,2,2-tetrachloroethane	17.058	83	5155897	80.499	ppbV		98
87) o-xylene	17.067	91	6683430	67.630	ppbV		87
88) 1,2,3-trichloropropane	17.175	75	4630272	100.253	ppbV		96
89) nonane	17.258	43	6331014	96.407	ppbV		81
91) isopropylbenzene	17.575	105	9963377	84.752	ppbV		91
92) bromobenzene	17.658	77	5983950	92.052	ppbV		98
93) 2-chlorotoluene	17.983	126	3192747	96.471	ppbV	#	62
94) n-propylbenzene	18.017	120	3684058	93.735	ppbV	#	59
95) 4-chlorotoluene	18.050	126	3236087	94.392	ppbV		70
96) 4-ethyl toluene	18.133	105	9800520	110.204	ppbV		91
97) 1,3,5-trimethylbenzene	18.200	105	9624671	81.183	ppbV		91
98) tert-butylbenzene	18.542	119	7312283	67.649	ppbV		91
99) 1,2,4-trimethylbenzene	18.550	105	6657976	65.265	ppbV		91
100) decane	18.625	57	7614984	77.032	ppbV	#	81
101) Benzyl Chloride	18.667	91	6982580	108.722	ppbV	#	86
102) 1,3-dichlorobenzene	18.683	146	5242071	79.141	ppbV		97
103) 1,4-dichlorobenzene	18.742	146	5440775	89.691	ppbV		97
104) sec-butylbenzene	18.775	105	11417795	79.888	ppbV	#	90
105) 1,2,3-trimethylbenzene	18.908	105	6927554	66.878	ppbV		97
106) p-isopropyltoluene	18.900	119	8218200	65.808	ppbV	#	89
107) 1,2-dichlorobenzene	19.033	146	5410880	91.561	ppbV		97
108) n-butylbenzene	19.250	91	8153065	89.005	ppbV		89
109) indan	19.083	117	8152186	94.666	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438762.D
Acq On : 24 Feb 2025 4:05 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-LLSTD100
Misc : WG2034843,250 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 24 05:33:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default - All compounds listed

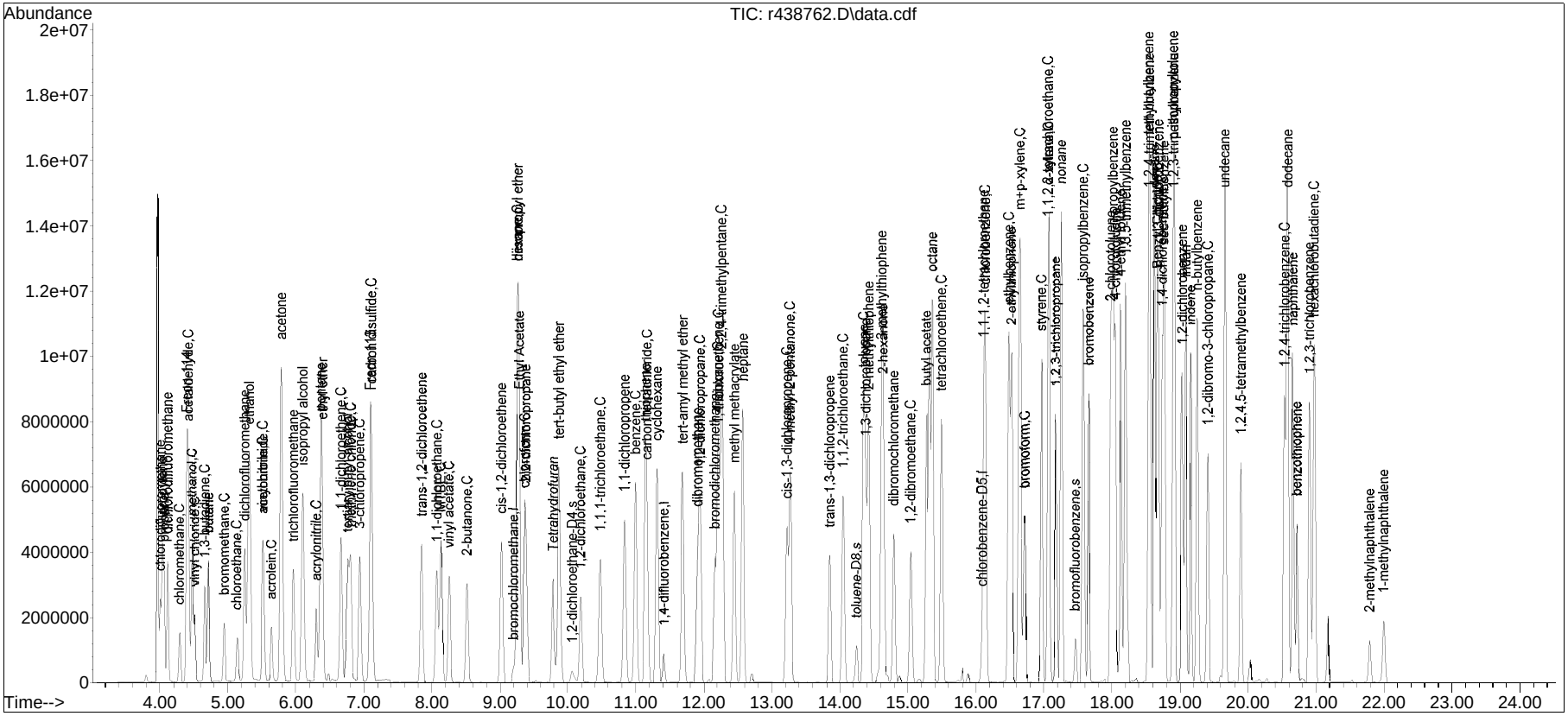
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	19.158	115	6717653	104.968	ppbV		99
111) 1,2-dibromo-3-chloropr...	19.408	75	2323722	111.939	ppbV		97
112) undecane	19.658	57	7767531	72.291	ppbV	#	82
113) 1,2,4,5-tetramethylben...	19.892	119	4529728	81.146	ppbV		97
114) dodecane	20.583	57	7738294	69.737	ppbV	#	80
115) 1,2,4-trichlorobenzene	20.542	180	4531916	111.619	ppbV		98
116) naphthalene	20.658	128	10894640	120.309	ppbV		98
117) 1,2,3-trichlorobenzene	20.908	180	4503835	120.318	ppbV		98
118) benzothiophene	20.717	134	4830838	109.847	ppbV		99
119) hexachlorobutadiene	20.975	225	3699808	66.621	ppbV		92
120) 2-methylnaphthalene	21.792	142	938629	95.084	ppbV		98
121) 1-methylnaphthalene	21.992	142	1402702	94.086	ppbV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed02\0223T_I\r438759.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438762.D
Acq On : 24 Feb 2025 4:05 AM
Operator : AIRPIANO4:JJT
Sample : ITO15-LLSTD100
Misc : WG2034843,250 mL SS24-035A
ALS Vial : 0 Sample Multiplier: 1

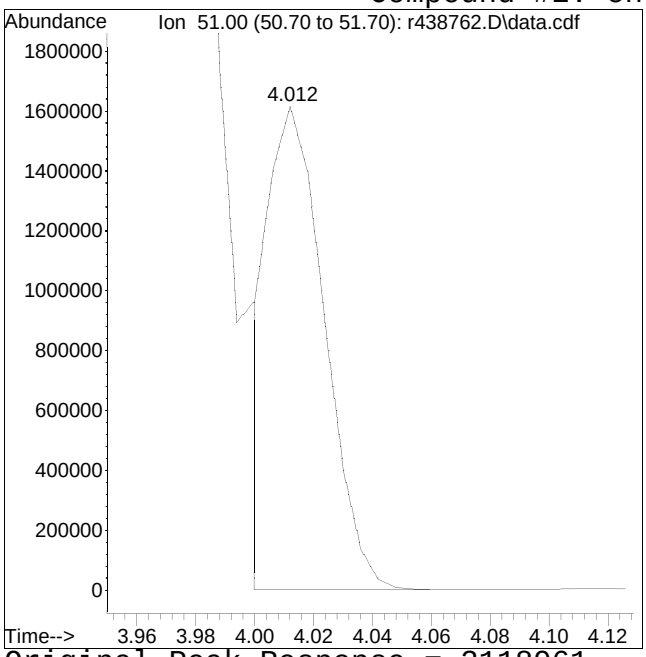
Quant Time: Feb 24 05:33:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Feb 24 05:31:33 2025
Response via : Initial Calibration



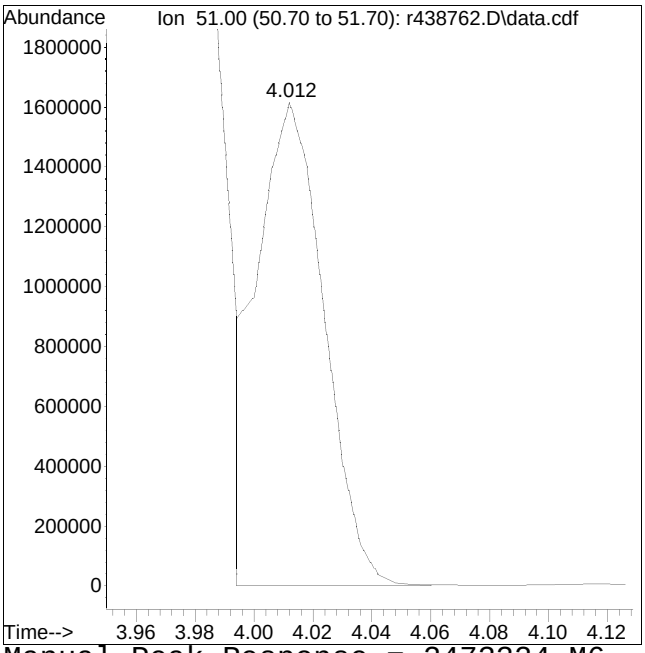
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438762.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 4:05 AM Instrument :
Sample : ITO15-LLSTD100 Quant Date : 2/24/2025 5:33 am

Compound #2: chlorodifluoromethane



Original Peak Response = 2118961



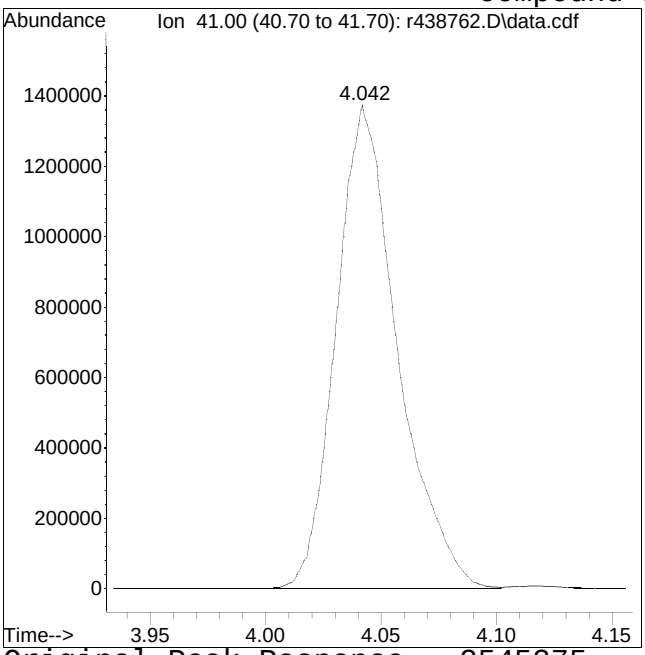
Manual Peak Response = 2473324 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

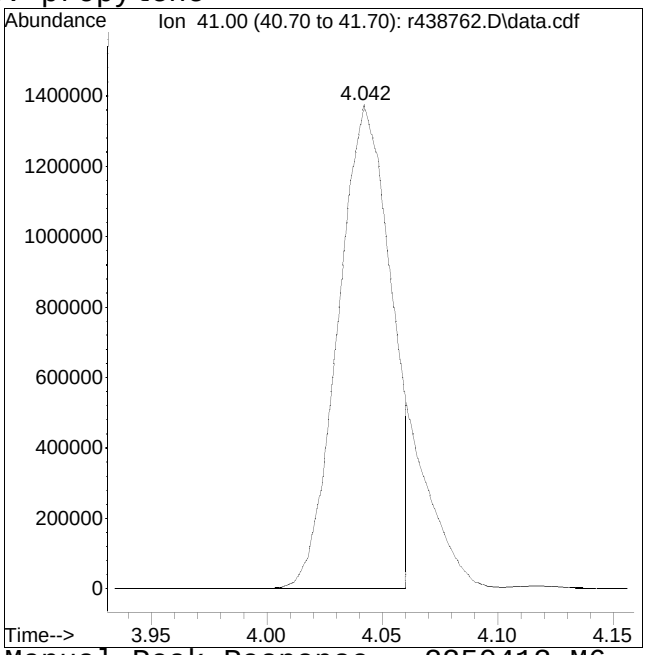
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438762.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 4:05 AM Instrument :
Sample : ITO15-LLSTD100 Quant Date : 2/24/2025 5:33 am

Compound #3: propylene



Original Peak Response = 2545275



Manual Peak Response = 2250413 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438765.D
Acq On : 24 Feb 2025 10:20 AM
Operator : AIRPIANO4:JJT
Sample : CTO15-LLSTD010
Misc : WG2034843,250 mL SS25-001F
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 12:03:03 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	88	0.00
2		chlorodifluoromethane	0.947	0.828	12.6	77	0.00
3		propylene	0.720	0.801	-11.3	130	0.00
4		propane	0.820	0.718	12.4	79	0.00
5		dichlorodifluoromethane	1.470	1.231	16.3	74	0.00
6	C	chloromethane	0.631	0.535	15.2	77	0.00
7		Freon-114	1.581	1.475	6.7	82	0.00
8	C	methanol	0.376	0.293	22.1	78	0.00
9	C	vinyl chloride	0.870	0.757	13.0	78	0.00
10	C	1,3-butadiene	0.535	0.520	2.8	108	0.00
11		butane	1.155	1.106	4.2	89	0.00
13	C	bromomethane	0.584	0.539	7.7	82	0.00
14	C	chloroethane	0.457	0.388	15.1	83	0.00
15		ethanol	0.621	0.495	20.3	67	0.00
16		dichlorofluoromethane	1.689	1.545	8.5	86	0.00
17	C	vinyl bromide	0.594	0.674	-13.5	127	0.00
18	C	acrolein	0.498	0.372	25.3	68	0.00
19		acetone	1.030	1.129	-9.6	126	0.00
20	C	acetonitrile	0.939	0.895	4.7	90	0.00
21		trichlorofluoromethane	1.394	1.267	9.1	80	0.00
22		isopropyl alcohol	1.371	1.413	-3.1	128	0.00
23	C	acrylonitrile	0.777	0.624	19.7	74	0.00
24		pentane	1.797	1.813	-0.9	84	0.00
25		ethyl ether	1.674	1.645	1.7	81	0.00
26	C	1,1-dichloroethene	1.341	1.311	2.2	87	0.00
27		tertiary butyl alcohol	2.126	1.788	15.9	75	0.00
28	C	methylene chloride	0.843	0.759	10.0	80	0.00
29	C	3-chloropropene	1.266	1.336	-5.5	127	0.00
30	C	carbon disulfide	1.987	2.138	-7.6	119	0.00
31		Freon 113	1.461	1.492	-2.1	90	0.00
32		trans-1,2-dichloroethene	1.209	1.298	-7.4	118	0.00
33	C	1,1-dichloroethane	1.685	1.680	0.3	89	0.00
34	C	MTBE	1.896	2.068	-9.1	120	0.00
35	C	vinyl acetate	2.051	1.443	29.6	81	0.00
36	C	2-butanone	1.671	1.688	-1.0	114	0.00
37		cis-1,2-dichloroethene	1.296	1.252	3.4	86	0.00
38		Ethyl Acetate	0.397	0.364	8.3	125	0.00
39	C	chloroform	1.388	1.221	12.0	77	0.00
40		Tetrahydrofuran	0.873	1.133	-29.8	144#	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438765.D
Acq On : 24 Feb 2025 10:20 AM
Operator : AIRPIANO4:JJT
Sample : CTO15-LLSTD010
Misc : WG2034843,250 mL SS25-001F
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 12:03:03 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	1.143	0.979	14.3	76	0.00
42	C	1,2-dichloroethane	1.071	0.914	14.7	77	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	92	0.00
44	C	hexane	0.482	0.486	-0.8	113	0.00
45		diisopropyl ether	0.304	0.245	19.4	80	0.00
46		tert-butyl ethyl ether	1.058	0.907	14.3	80	0.00
47	s	1,2-dichloroethane-D4	0.311	0.298	4.2	89	0.00
48	C	1,1,1-trichloroethane	0.442	0.380	14.0	79	0.00
49		1,1-dichloropropene	0.379	0.346	8.7	86	0.00
50	C	benzene	0.895	0.783	12.5	82	0.00
52	C	carbon tetrachloride	0.375	0.308	17.9	75	0.00
53		cyclohexane	0.528	0.512	3.0	111	0.00
54		tert-amyl methyl ether	0.817	0.756	7.5	87	0.00
55		dibromomethane	0.285	0.241	15.4	79	0.00
56	C	1,2-dichloropropane	0.372	0.362	2.7	92	0.00
57		bromodichloromethane	0.426	0.406	4.7	108	0.00
58	C	1,4-dioxane	0.202	0.197	2.5	111	0.00
59	C	trichloroethene	0.373	0.336	9.9	83	0.00
60	C	2,2,4-trimethylpentane	1.576	1.608	-2.0	114	0.00
61		methyl methacrylate	0.414	0.373	9.9	86	0.00
62		heptane	0.501	0.548	-9.4	128	0.00
63	C	cis-1,3-dichloropropene	0.453	0.436	3.8	90	0.00
64	C	4-methyl-2-pentanone	0.610	0.649	-6.4	121	0.00
65		trans-1,3-dichloropropene	0.351	0.347	1.1	93	0.00
66	C	1,1,2-trichloroethane	0.359	0.336	6.4	88	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	81	0.00
68	C	toluene	7.153	7.062	1.3	82	0.00
69	s	toluene-D8	6.389	7.609	-19.1	97	0.00
71		1,3-dichloropropane	3.079	2.929	4.9	80	0.00
72		2-hexanone	3.582	4.174	-16.5	117	0.00
74		dibromochloromethane	2.584	2.898	-12.2	113	0.00
75	C	1,2-dibromoethane	2.957	3.166	-7.1	88	0.00
76		butyl acetate	0.985	0.990	-0.5	86	0.00
77		octane	2.871	2.683	6.5	78	0.00
78	C	tetrachloroethene	3.092	3.021	2.3	79	0.00
79		1,1,1,2-tetrachloroethane	2.193	2.114	3.6	78	0.00
80	C	chlorobenzene	5.137	5.222	-1.7	83	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438765.D
Acq On : 24 Feb 2025 10:20 AM
Operator : AIRPIANO4:JJT
Sample : CTO15-LLSTD010
Misc : WG2034843,250 mL SS25-001F
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 12:03:03 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	C	ethylbenzene	8.889	8.903	-0.2	81	0.00
83	C	m+p-xylene	7.041	7.240	-2.8	82	0.00
84	C	bromoform	2.576	3.043	-18.1	117	0.00
85	C	styrene	5.380	5.954	-10.7	89	0.00
86	C	1,1,2,2-tetrachloroethane	4.601	4.616	-0.3	81	0.00
87	C	o-xylene	6.879	7.164	-4.1	82	0.00
88		1,2,3-trichloropropane	3.435	3.332	3.0	81	0.00
89		nonane	4.848	5.046	-4.1	86	0.00
90	s	bromofluorobenzene	4.477	5.120	-14.4	90	0.00
91	C	isopropylbenzene	8.512	8.768	-3.0	84	0.00
92		bromobenzene	4.751	4.507	5.1	78	0.00
93		2-chlorotoluene	2.459	2.339	4.9	80	0.00
94		n-propylbenzene	2.849	2.679	6.0	77	0.00
95		4-chlorotoluene	2.472	2.306	6.7	76	0.00
96		4-ethyl toluene	7.681	8.964	-16.7	113	0.00
97		1,3,5-trimethylbenzene	8.596	9.004	-4.7	85	0.00
98		tert-butylbenzene	7.771	7.742	0.4	81	0.00
99		1,2,4-trimethylbenzene	7.020	7.474	-6.5	82	0.00
100		decane	7.045	6.857	2.7	78	0.00
101	C	Benzyl Chloride	5.332	5.048	5.3	88	0.00
102		1,3-dichlorobenzene	4.559	4.589	-0.7	78	0.00
103	C	1,4-dichlorobenzene	4.297	4.444	-3.4	82	0.00
104		sec-butylbenzene	10.346	10.221	1.2	80	0.00
106		p-isopropyltoluene	8.837	7.745	12.4	70	0.00
107		1,2-dichlorobenzene	4.187	4.041	3.5	77	0.00
108		n-butylbenzene	6.802	6.312	7.2	78	0.00
111	C	1,2-dibromo-3-chloropropane	1.585	1.131	28.6	61	0.00
112		undecane	7.466	7.091	5.0	74	0.00
114		dodecane	7.566	6.850	9.5	69	0.00
115	C	1,2,4-trichlorobenzene	2.830	2.701	4.6	75	0.00
116		naphthalene	6.568	5.267	19.8	65	0.00
117		1,2,3-trichlorobenzene	2.765	2.336	15.5	70	0.00
119	C	hexachlorobutadiene	3.791	3.747	1.2	76	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438765.D
Acq On : 24 Feb 2025 10:20 AM
Operator : AIRPIANO4:JJT
Sample : CTO15-LLSTD010
Misc : WG2034843,250 mL SS25-001F
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 12:03:03 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.192	49	283584	10.000	ppbV	0.00
Standard Area = 323895			Recovery = 87.55%			
43) 1,4-difluorobenzene	11.407	114	910588	10.000	ppbV	0.00
Standard Area = 991542			Recovery = 91.84%			
67) chlorobenzene-D5	16.083	54	130668	10.000	ppbV	0.00
Standard Area = 161524			Recovery = 80.90%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.050	65	271531	9.602	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.02%			
69) toluene-D8	14.233	98	994302	11.910	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 119.10%			
90) bromofluorobenzene	17.458	95	669003	11.436	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 114.36%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.012	51	234696	8.741	ppbV	100
3) propylene	4.048	41	227026M6	11.115	ppbV	
4) propane	4.066	29	203575	8.758	ppbV #	88
5) dichlorodifluoromethane	4.120	85	349014	8.373	ppbV	100
6) chloromethane	4.288	50	151853	8.490	ppbV	100
7) Freon-114	4.396	85	418379	9.333	ppbV	98
8) methanol	4.468	31	416075	38.973	ppbV	94
9) vinyl chloride	4.516	62	214736	8.699	ppbV	99
10) 1,3-butadiene	4.660	54	147347	9.706	ppbV	90
11) butane	4.714	43	313553	9.570	ppbV	96
13) bromomethane	4.942	94	152733	9.223	ppbV	98
14) chloroethane	5.134	64	110138	8.506	ppbV	98
15) ethanol	5.296	31	702061	39.853	ppbV	92
16) dichlorofluoromethane	5.242	67	438055	9.145	ppbV	99
17) vinyl bromide	5.510	106	191201	11.344	ppbV	96
18) acrolein	5.650	56	105484	7.465	ppbV	99
19) acetone	5.800	43	1601531	54.809	ppbV	96
20) acetonitrile	5.507	41	253856	9.532	ppbV	99
21) trichlorofluoromethane	5.967	101	359361	9.090	ppbV	99
22) isopropyl alcohol	6.127	45	1001876	25.772	ppbV	100
23) acrylonitrile	6.293	53	176937	8.034	ppbV	99
24) pentane	6.363	43	514084	10.087	ppbV	97
25) ethyl ether	6.403	31	466551	9.826	ppbV	96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438765.D
Acq On : 24 Feb 2025 10:20 AM
Operator : AIRPIANO4:JJT
Sample : CTO15-LLSTD010
Misc : WG2034843,250 mL SS25-001F
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 12:03:03 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) 1,1-dichloroethene	6.660	61	371736	9.778	ppbV		97
27) tertiary butyl alcohol	6.858	59	507107	8.410	ppbV		98
28) methylene chloride	6.798	49	215154	9.003	ppbV		95
29) 3-chloropropene	6.930	41	378928	10.556	ppbV		94
30) carbon disulfide	7.104	76	606391	10.764	ppbV		98
31) Freon 113	7.098	101	423058	10.208	ppbV		95
32) trans-1,2-dichloroethene	7.842	61	367987	10.737	ppbV		98
33) 1,1-dichloroethane	8.067	63	476476	9.971	ppbV		99
34) MTBE	8.158	73	586336	10.908	ppbV		96
35) vinyl acetate	8.250	43	409161	7.036	ppbV		97
36) 2-butanone	8.525	43	478697	10.099	ppbV		99
37) cis-1,2-dichloroethene	9.008	61	354934	9.657	ppbV		98
38) Ethyl Acetate	9.292	61	103286	9.170	ppbV		79
39) chloroform	9.342	83	346218	8.794	ppbV		99
40) Tetrahydrofuran	9.808	42	321438	12.986	ppbV		99
41) 2,2-dichloropropane	9.367	77	277611	8.565	ppbV		97
42) 1,2-dichloroethane	10.175	62	259299	8.541	ppbV		98
44) hexane	9.258	57	442445	10.072	ppbV		99
45) diisopropyl ether	9.267	87	223060	8.058	ppbV		89
46) tert-butyl ethyl ether	9.892	59	826125	8.573	ppbV		98
48) 1,1,1-trichloroethane	10.467	97	345986	8.596	ppbV		98
49) 1,1-dichloropropene	10.827	75	315320	9.139	ppbV		99
50) benzene	10.987	78	713124	8.750	ppbV		97
52) carbon tetrachloride	11.160	117	280500	8.223	ppbV	#	97
53) cyclohexane	11.307	56	465878	9.682	ppbV		95
54) tert-amyl methyl ether	11.720	73	688181	9.248	ppbV		97
55) dibromomethane	11.893	93	219432	8.448	ppbV		97
56) 1,2-dichloropropane	11.933	63	329435	9.737	ppbV		98
57) bromodichloromethane	12.153	83	369526	9.535	ppbV		100
58) 1,4-dioxane	12.260	88	179000	9.738	ppbV		91
59) trichloroethene	12.207	130	306146	9.007	ppbV		99
60) 2,2,4-trimethylpentane	12.253	57	1464550	10.205	ppbV		96
61) methyl methacrylate	12.453	41	340064	9.028	ppbV		99
62) heptane	12.567	43	499403	10.937	ppbV		94
63) cis-1,3-dichloropropene	13.217	75	397306	9.635	ppbV		99
64) 4-methyl-2-pentanone	13.308	43	591403	10.650	ppbV		95
65) trans-1,3-dichloropropene	13.833	75	315750	9.886	ppbV		99
66) 1,1,2-trichloroethane	14.033	97	306309	9.377	ppbV		95
68) toluene	14.342	91	922734	9.872	ppbV		98
71) 1,3-dichloropropane	14.367	76	382775	9.515	ppbV		96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438765.D
Acq On : 24 Feb 2025 10:20 AM
Operator : AIRPIANO4:JJT
Sample : CTO15-LLSTD010
Misc : WG2034843,250 mL SS25-001F
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 12:03:03 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 2-hexanone	14.667	43	545466	11.655	ppbV	96
74) dibromochloromethane	14.783	129	378667	11.214	ppbV	99
75) 1,2-dibromoethane	15.033	107	413718	10.707	ppbV	99
76) butyl acetate	15.292	73	129304	10.049	ppbV	92
77) octane	15.358	85	350594	9.346	ppbV	90
78) tetrachloroethene	15.483	166	394805	9.772	ppbV	98
79) 1,1,1,2-tetrachloroethane	16.108	131	276244	9.640	ppbV	98
80) chlorobenzene	16.125	112	682300	10.165	ppbV	99
81) ethylbenzene	16.475	91	1163328	10.016	ppbV	97
83) m+p-xylene	16.642	91	1891985	20.565	ppbV	97
84) bromoform	16.708	173	397612	11.812	ppbV	98
85) styrene	16.958	104	777944	11.066	ppbV	95
86) 1,1,2,2-tetrachloroethane	17.058	83	603189	10.032	ppbV	99
87) o-xylene	17.058	91	936161	10.416	ppbV	97
88) 1,2,3-trichloropropane	17.167	75	435362	9.699	ppbV	98
89) nonane	17.250	43	659395	10.410	ppbV	95
91) isopropylbenzene	17.575	105	1145761	10.302	ppbV	96
92) bromobenzene	17.650	77	588945	9.486	ppbV	100
93) 2-chlorotoluene	17.983	126	305616	9.512	ppbV	86
94) n-propylbenzene	18.008	120	349999	9.403	ppbV	94
95) 4-chlorotoluene	18.042	126	301363	9.330	ppbV	99
96) 4-ethyl toluene	18.133	105	1171283	11.670	ppbV	97
97) 1,3,5-trimethylbenzene	18.192	105	1176594	10.475	ppbV	97
98) tert-butylbenzene	18.542	119	1011664	9.963	ppbV	99
99) 1,2,4-trimethylbenzene	18.542	105	976568	10.646	ppbV	96
100) decane	18.617	57	895976	9.733	ppbV	96
101) Benzyl Chloride	18.658	91	659614	9.467	ppbV	100
102) 1,3-dichlorobenzene	18.675	146	599575	10.065	ppbV	99
103) 1,4-dichlorobenzene	18.733	146	580673	10.341	ppbV	99
104) sec-butylbenzene	18.767	105	1335549	9.879	ppbV	99
106) p-isopropyltoluene	18.900	119	1011961	8.764	ppbV	95
107) 1,2-dichlorobenzene	19.025	146	528009	9.650	ppbV	99
108) n-butylbenzene	19.250	91	824744	9.280	ppbV	98
111) 1,2-dibromo-3-chloropr...	19.400	75	147744	7.133	ppbV	94
112) undecane	19.658	57	926547	9.498	ppbV	96
114) dodecane	20.583	57	895041	9.054	ppbV	96
115) 1,2,4-trichlorobenzene	20.533	180	352955	9.546	ppbV	99
116) naphthalene	20.658	128	688213	8.018	ppbV	100
117) 1,2,3-trichlorobenzene	20.908	180	305258	8.449	ppbV	99
119) hexachlorobutadiene	20.975	225	489632	9.885	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438765.D
Acq On : 24 Feb 2025 10:20 AM
Operator : AIRPIANO4:JJT
Sample : CTO15-LLSTD010
Misc : WG2034843,250 mL SS25-001F
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 12:03:03 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\r438759.D
Sub List : Default-ICV-AP2 - All compounds listed

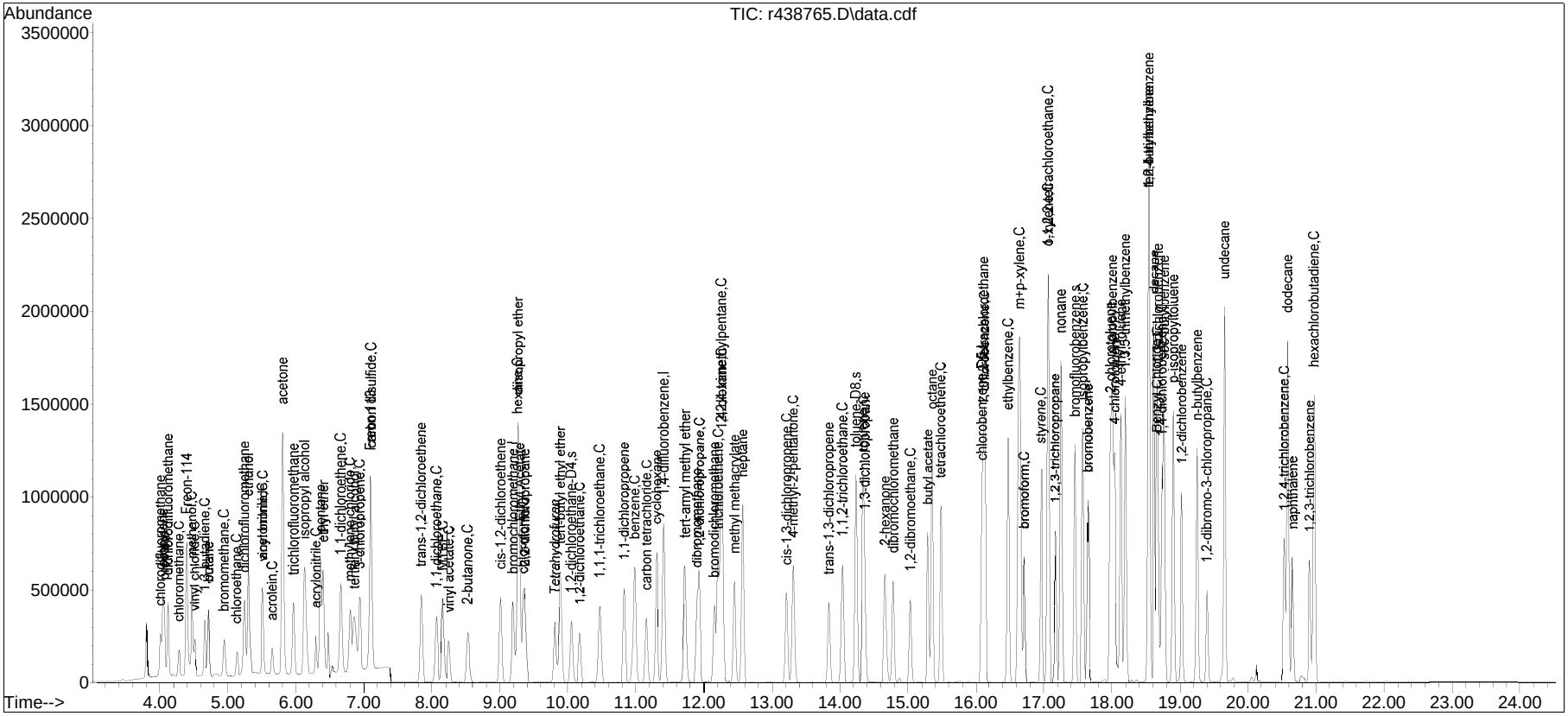
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed_I\r438759.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\
Data File : r438765.D
Acq On : 24 Feb 2025 10:20 AM
Operator : AIRPIANO4:JJT
Sample : CTO15-LLSTD010
Misc : WG2034843,250 mL SS25-001F
ALS Vial : 0 Sample Multiplier: 1

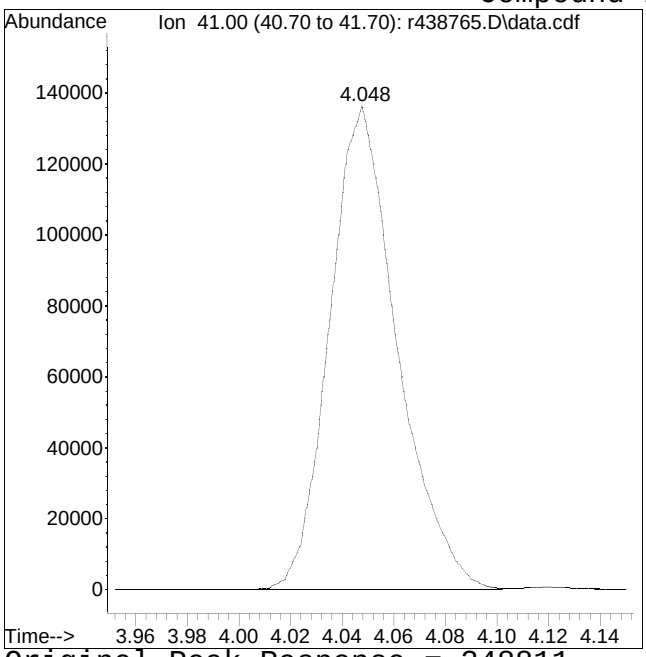
Quant Time: Feb 27 12:03:03 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0223T_I\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration



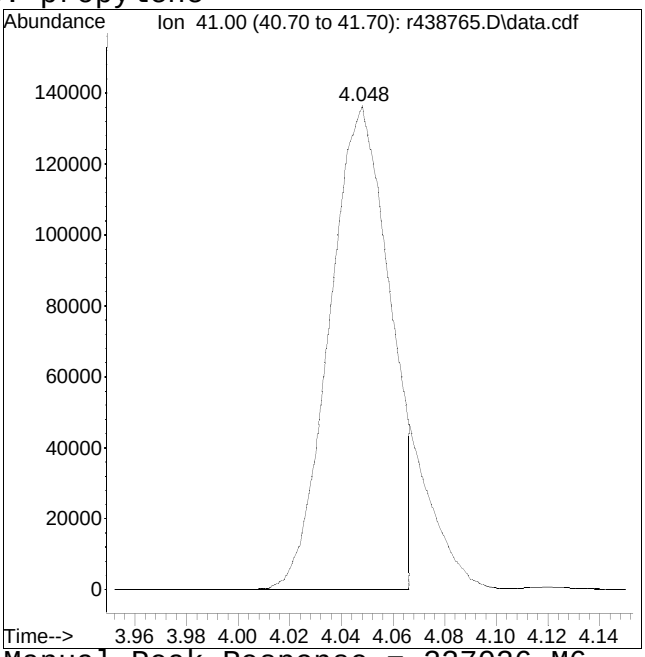
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438765.D Operator : AIRPIANO4:JJT
Date Inj'd : 2/24/2025 10:20 AM Instrument :
Sample : CTO15-LLSTD010 Quant Date : 2/27/2025 12:03 pm

Compound #3: propylene



Original Peak Response = 248811



Manual Peak Response = 227026 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		Lab Number	: L2509420	
Project Name	: 1885 ATLANTIC AVE		Project Number	: 0205125	
Instrument ID	: AIRPIANO4		Calibration Date	: 02/27/25 12:45	
Lab File ID	: R438836		Init. Calib. Date(s)	: 02/23/25	02/24/25
Sample No	: WG2034926-2		Init. Calib. Times	: 23:29	04:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	106	.07
chlorodifluoromethane	0.947	0.954	-	-0.7	30	108	.04
propylene	0.72	0.699	-	2.9	30	137	.04
propane	0.82	0.776	-	5.4	30	104	.04
dichlorodifluoromethane	1.47	1.372	-	6.7	30	100	.04
chloromethane	0.631	0.559	-	11.4	30	98	.04
Freon-114	1.581	1.609	-	-1.8	30	109	.04
methanol	0.376	0.303	-	19.4	30	98	.04
vinyl chloride	0.87	0.81	-	6.9	30	101	.04
1,3-butadiene	0.535	0.592	-	-10.7	30	149	.05
butane	1.155	0.986	-	14.6	30	97	.05
bromomethane	0.584	0.598	-	-2.4	30	110	.05
chloroethane	0.457	0.408	-	10.7	30	105	.05
ethanol	0.621	0.538	-	13.4	30	88	.05
dichlorofluoromethane	1.689	1.549	-	8.3	30	104	.05
vinyl bromide	0.594	0.624	-	-5.1	30	142	.05
acrolein	0.498	0.409	-	17.9	30	91	.05
acetone	1.03	1.103	-	-7.1	30	149	.04
acetonitrile	0.939	0.734	-	21.8	30	89	.05
trichlorofluoromethane	1.394	1.278	-	8.3	30	98	.06
isopropyl alcohol	1.371	1.27	-	7.4	30	140	.03
acrylonitrile	0.777	0.697	-	10.3	30	100	.05
pentane	1.797	1.675	-	6.8	30	95	.06
ethyl ether	1.674	1.057	-	36.9*	30	63	.05
1,1-dichloroethene	1.341	1.267	-	5.5	30	102	.06
tertiary butyl alcohol	2.126	1.841	-	13.4	30	93	.05
methylene chloride	0.843	0.828	-	1.8	30	106	.06
3-chloropropene	1.266	1.159	-	8.5	30	134	.06
carbon disulfide	1.987	2.097	-	-5.5	30	142	.06
Freon 113	1.461	1.37	-	6.2	30	100	.06
trans-1,2-dichloroethene	1.209	1.227	-	-1.5	30	135	.07
1,1-dichloroethane	1.685	1.473	-	12.6	30	95	.07
MTBE	1.896	1.973	-	-4.1	30	139	.06
vinyl acetate	2.051	1.346	-	34.4*	30	91	.07
2-butanone	1.671	1.662	-	0.5	30	136	.05
cis-1,2-dichloroethene	1.296	1.153	-	11	30	96	.07
Ethyl Acetate	0.397	0.331	-	16.6	30	138	.06
chloroform	1.388	1.31	-	5.6	30	101	.07
Tetrahydrofuran	0.873	0.95	-	-8.8	30	147	.05
2,2-dichloropropane	1.143	1.043	-	8.7	30	98	.06
1,2-dichloroethane	1.071	0.913	-	14.8	30	93	.07
1,4-difluorobenzene	1	1	-	0	30	93	.07
hexane	0.482	0.606	-	-25.7	30	143	.07

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2509420
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Instrument ID	: AIRPIANO4	**Calibration Date**	: 02/27/25 12:45
Lab File ID	: R438836	**Init. Calib. Date(s)**	: 02/23/25 02/24/25
Sample No	: WG2034926-2	**Init. Calib. Times**	: 23:29 04:05
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.304	0.304	-	0	30	101	.06
tert-butyl ethyl ether	1.058	1.083	-	-2.4	30	97	.06
1,1,1-trichloroethane	0.442	0.478	-	-8.1	30	101	.07
1,1-dichloropropene	0.379	0.405	-	-6.9	30	103	.07
benzene	0.895	0.906	-	-1.2	30	96	.07
carbon tetrachloride	0.375	0.397	-	-5.9	30	98	.07
cyclohexane	0.528	0.643	-	-21.8	30	142	.07
tert-amyl methyl ether	0.817	0.842	-	-3.1	30	98	.06
dibromomethane	0.285	0.287	-	-0.7	30	96	.06
1,2-dichloropropane	0.372	0.367	-	1.3	30	94	.07
bromodichloromethane	0.426	0.526	-	-23.5	30	142	.07
1,4-dioxane	0.202	0.245	-	-21.3	30	141	.05
trichloroethene	0.373	0.384	-	-2.9	30	97	.07
2,2,4-trimethylpentane	1.576	1.964	-	-24.6	30	142	.06
methyl methacrylate	0.414	0.384	-	7.2	30	90	.06
heptane	0.501	0.596	-	-19	30	142	.07
cis-1,3-dichloropropene	0.453	0.492	-	-8.6	30	103	.07
4-methyl-2-pentanone	0.61	0.702	-	-15.1	30	133	.06
trans-1,3-dichloropropene	0.351	0.397	-	-13.1	30	108	.07
1,1,2-trichloroethane	0.359	0.364	-	-1.4	30	97	.06
chlorobenzene-D5	1	1	-	0	30	95	.05
toluene	7.153	7.088	-	0.9	30	96	.06
1,3-dichloropropane	3.079	3.026	-	1.7	30	97	.05
2-hexanone	3.582	3.928	-	-9.7	30	129	.05
dibromochloromethane	2.584	3.091	-	-19.6	30	141	.06
1,2-dibromoethane	2.957	3.014	-	-1.9	30	98	.05
butyl acetate	0.985	0.918	-	6.8	30	93	.05
octane	2.871	2.928	-	-2	30	100	.05
tetrachloroethene	3.092	3.14	-	-1.6	30	96	.05
1,1,1,2-tetrachloroethane	2.193	2.16	-	1.5	30	93	.05
chlorobenzene	5.137	5.158	-	-0.4	30	96	.06
ethylbenzene	8.889	8.845	-	0.5	30	94	.06
m+p-xylene	7.041	7.203	-	-2.3	30	95	.05
bromoform	2.576	3.082	-	-19.6	30	139	.05
styrene	5.38	5.44	-	-1.1	30	95	.05
1,1,2,2-tetrachloroethane	4.601	4.765	-	-3.6	30	98	.05
o-xylene	6.879	7.197	-	-4.6	30	96	.05
1,2,3-trichloropropane	3.435	3.403	-	0.9	30	97	.05
nonane	4.848	4.834	-	0.3	30	97	.05
isopropylbenzene	8.512	8.479	-	0.4	30	95	.05
bromobenzene	4.751	4.718	-	0.7	30	96	.06
2-chlorotoluene	2.459	2.423	-	1.5	30	96	.05
n-propylbenzene	2.849	2.789	-	2.1	30	93	.05

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2509420
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Instrument ID	: AIRPIANO4	**Calibration Date**	: 02/27/25 12:45
Lab File ID	: R438836	**Init. Calib. Date(s)**	: 02/23/25 02/24/25
Sample No	: WG2034926-2	**Init. Calib. Times**	: 23:29 04:05
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	2.472	2.316	-	6.3	30	89	.05
4-ethyl toluene	7.681	8.549	-	-11.3	30	127	.05
1,3,5-trimethylbenzene	8.596	7.332	-	14.7	30	81	.06
tert-butylbenzene	7.771	7.843	-	-0.9	30	96	.05
1,2,4-trimethylbenzene	7.02	7.001	-	0.3	30	90	.05
decane	7.045	6.867	-	2.5	30	91	.05
Benzyl Chloride	5.332	4.916	-	7.8	30	101	.05
1,3-dichlorobenzene	4.559	4.605	-	-1	30	92	.05
1,4-dichlorobenzene	4.297	4.224	-	1.7	30	92	.05
sec-butylbenzene	10.346	9.836	-	4.9	30	91	.05
p-isopropyltoluene	8.837	8.072	-	8.7	30	85	.05
1,2-dichlorobenzene	4.187	3.938	-	5.9	30	88	.05
n-butylbenzene	6.802	6.226	-	8.5	30	90	.05
1,2-dibromo-3-chloropropan	1.585	1.386	-	12.6	30	88	.06
undecane	7.466	6.772	-	9.3	30	83	.05
dodecane	7.566	6.189	-	18.2	30	73	.06
1,2,4-trichlorobenzene	2.83	2.171	-	23.3	30	70	.06
naphthalene	6.568	4.683	-	28.7	30	68	.06
1,2,3-trichlorobenzene	2.765	1.912	-	30.8*	30	67	.07
hexachlorobutadiene	3.791	3.164	-	16.5	30	75	.07

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438836.D
Acq On : 27 Feb 2025 12:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-2,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 16:02:49 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	106	0.07
2		chlorodifluoromethane	0.947	0.954	-0.7	108	0.04
3		propylene	0.720	0.699	2.9	137	0.04
4		propane	0.820	0.776	5.4	104	0.04
5		dichlorodifluoromethane	1.470	1.372	6.7	100	0.04
6	C	chloromethane	0.631	0.559	11.4	98	0.04
7		Freon-114	1.581	1.609	-1.8	109	0.04
8	C	methanol	0.376	0.303	19.4	98	0.04
9	C	vinyl chloride	0.870	0.810	6.9	101	0.04
10	C	1,3-butadiene	0.535	0.592	-10.7	149#	0.05
11		butane	1.155	0.986	14.6	97	0.05
13	C	bromomethane	0.584	0.598	-2.4	110	0.05
14	C	chloroethane	0.457	0.408	10.7	105	0.05
15		ethanol	0.621	0.538	13.4	88	0.05
16		dichlorofluoromethane	1.689	1.549	8.3	104	0.05
17	C	vinyl bromide	0.594	0.624	-5.1	142#	0.05
18	C	acrolein	0.498	0.409	17.9	91	0.05
19		acetone	1.030	1.103	-7.1	149#	0.04
20	C	acetonitrile	0.939	0.734	21.8	89	0.05
21		trichlorofluoromethane	1.394	1.278	8.3	98	0.06
22		isopropyl alcohol	1.371	1.270	7.4	140	0.03
23	C	acrylonitrile	0.777	0.697	10.3	100	0.05
24		pentane	1.797	1.675	6.8	95	0.06
25		ethyl ether	1.674	1.057	36.9#	63	0.05
26	C	1,1-dichloroethene	1.341	1.267	5.5	102	0.06
27		tertiary butyl alcohol	2.126	1.841	13.4	93	0.05
28	C	methylene chloride	0.843	0.828	1.8	106	0.06
29	C	3-chloropropene	1.266	1.159	8.5	134	0.06
30	C	carbon disulfide	1.987	2.097	-5.5	142#	0.06
31		Freon 113	1.461	1.370	6.2	100	0.06
32		trans-1,2-dichloroethene	1.209	1.227	-1.5	135	0.07
33	C	1,1-dichloroethane	1.685	1.473	12.6	95	0.07
34	C	MTBE	1.896	1.973	-4.1	139	0.06
35	C	vinyl acetate	2.051	1.346	34.4#	91	0.07
36	C	2-butanone	1.671	1.662	0.5	136	0.05
37		cis-1,2-dichloroethene	1.296	1.153	11.0	96	0.07
38		Ethyl Acetate	0.397	0.331	16.6	138	0.06
39	C	chloroform	1.388	1.310	5.6	101	0.07
40		Tetrahydrofuran	0.873	0.950	-8.8	147#	0.05

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438836.D
Acq On : 27 Feb 2025 12:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-2,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 16:02:49 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	1.143	1.043	8.7	98	0.06
42	C	1,2-dichloroethane	1.071	0.913	14.8	93	0.07
43	I	1,4-difluorobenzene	1.000	1.000	0.0	93	0.07
44	C	hexane	0.482	0.606	-25.7	143#	0.07
45		diisopropyl ether	0.304	0.304	0.0	101	0.06
46		tert-butyl ethyl ether	1.058	1.083	-2.4	97	0.06
48	C	1,1,1-trichloroethane	0.442	0.478	-8.1	101	0.07
49		1,1-dichloropropene	0.379	0.405	-6.9	103	0.07
50	C	benzene	0.895	0.906	-1.2	96	0.07
52	C	carbon tetrachloride	0.375	0.397	-5.9	98	0.07
53		cyclohexane	0.528	0.643	-21.8	142#	0.07
54		tert-amyl methyl ether	0.817	0.842	-3.1	98	0.06
55		dibromomethane	0.285	0.287	-0.7	96	0.06
56	C	1,2-dichloropropane	0.372	0.367	1.3	94	0.07
57		bromodichloromethane	0.426	0.526	-23.5	142#	0.07
58	C	1,4-dioxane	0.202	0.245	-21.3	141#	0.05
59	C	trichloroethene	0.373	0.384	-2.9	97	0.07
60	C	2,2,4-trimethylpentane	1.576	1.964	-24.6	142#	0.06
61		methyl methacrylate	0.414	0.384	7.2	90	0.06
62		heptane	0.501	0.596	-19.0	142#	0.07
63	C	cis-1,3-dichloropropene	0.453	0.492	-8.6	103	0.07
64	C	4-methyl-2-pentanone	0.610	0.702	-15.1	133	0.06
65		trans-1,3-dichloropropene	0.351	0.397	-13.1	108	0.07
66	C	1,1,2-trichloroethane	0.359	0.364	-1.4	97	0.06
67	I	chlorobenzene-D5	1.000	1.000	0.0	95	0.05
68	C	toluene	7.153	7.088	0.9	96	0.06
71		1,3-dichloropropane	3.079	3.026	1.7	97	0.05
72		2-hexanone	3.582	3.928	-9.7	129	0.05
74		dibromochloromethane	2.584	3.091	-19.6	141#	0.06
75	C	1,2-dibromoethane	2.957	3.014	-1.9	98	0.05
76		butyl acetate	0.985	0.918	6.8	93	0.05
77		octane	2.871	2.928	-2.0	100	0.05
78	C	tetrachloroethene	3.092	3.140	-1.6	96	0.05
79		1,1,1,2-tetrachloroethane	2.193	2.160	1.5	93	0.05
80	C	chlorobenzene	5.137	5.158	-0.4	96	0.06
81	C	ethylbenzene	8.889	8.845	0.5	94	0.06
83	C	m+p-xylene	7.041	7.203	-2.3	95	0.05

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438836.D
Acq On : 27 Feb 2025 12:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-2,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 16:02:49 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
84	C	bromoform	2.576	3.082	-19.6	139	0.05
85	C	styrene	5.380	5.440	-1.1	95	0.05
86	C	1,1,2,2-tetrachloroethane	4.601	4.765	-3.6	98	0.05
87	C	o-xylene	6.879	7.197	-4.6	96	0.05
88		1,2,3-trichloropropane	3.435	3.403	0.9	97	0.05
89		nonane	4.848	4.834	0.3	97	0.05
91	C	isopropylbenzene	8.512	8.479	0.4	95	0.05
92		bromobenzene	4.751	4.718	0.7	96	0.06
93		2-chlorotoluene	2.459	2.423	1.5	96	0.05
94		n-propylbenzene	2.849	2.789	2.1	93	0.05
95		4-chlorotoluene	2.472	2.316	6.3	89	0.05
96		4-ethyl toluene	7.681	8.549	-11.3	127	0.05
97		1,3,5-trimethylbenzene	8.596	7.332	14.7	81	0.06
98		tert-butylbenzene	7.771	7.843	-0.9	96	0.05
99		1,2,4-trimethylbenzene	7.020	7.001	0.3	90	0.05
100		decane	7.045	6.867	2.5	91	0.05
101	C	Benzyl Chloride	5.332	4.916	7.8	101	0.05
102		1,3-dichlorobenzene	4.559	4.605	-1.0	92	0.05
103	C	1,4-dichlorobenzene	4.297	4.224	1.7	92	0.05
104		sec-butylbenzene	10.346	9.836	4.9	91	0.05
106		p-isopropyltoluene	8.837	8.072	8.7	85	0.05
107		1,2-dichlorobenzene	4.187	3.938	5.9	88	0.05
108		n-butylbenzene	6.802	6.226	8.5	90	0.05
111	C	1,2-dibromo-3-chloropropane	1.585	1.386	12.6	88	0.06
112		undecane	7.466	6.772	9.3	83	0.05
114		dodecane	7.566	6.189	18.2	73	0.06
115	C	1,2,4-trichlorobenzene	2.830	2.171	23.3	70	0.06
116		naphthalene	6.568	4.683	28.7	68	0.06
117		1,2,3-trichlorobenzene	2.765	1.912	30.8#	67	0.07
119	C	hexachlorobutadiene	3.791	3.164	16.5	75	0.07

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438836.D
Acq On : 27 Feb 2025 12:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-2,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 16:02:49 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.258	49	343689	10.000	ppbV	0.07
Standard Area = 343689			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.473	114	926999	10.000	ppbV	0.07
Standard Area = 926999			Recovery = 100.00%			
67) chlorobenzene-D5	16.142	54	152882	10.000	ppbV	0.05
Standard Area = 152882			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
2) chlorodifluoromethane	4.054	51	328017	10.081	ppbV	97
3) propylene	4.084	41	240209M6	9.704	ppbV	
4) propane	4.108	29	266708	9.467	ppbV	96
5) dichlorodifluoromethane	4.156	85	471595	9.336	ppbV	100
6) chloromethane	4.330	50	192109	8.862	ppbV	99
7) Freon-114	4.438	85	553149	10.181	ppbV	98
8) methanol	4.510	31	520856	40.255	ppbV	96
9) vinyl chloride	4.558	62	278397	9.306	ppbV	99
10) 1,3-butadiene	4.708	54	203501	11.061	ppbV	90
11) butane	4.762	43	338877	8.534	ppbV	99
13) bromomethane	4.990	94	205384	10.234	ppbV	100
14) chloroethane	5.188	64	140383	8.946	ppbV	99
15) ethanol	5.350	31	924248	43.290	ppbV	99
16) dichlorofluoromethane	5.290	67	532460	9.172	ppbV	100
17) vinyl bromide	5.560	106	214436	10.497	ppbV	98
18) acrolein	5.703	56	140469	8.202	ppbV	98
19) acetone	5.847	43	1894937	53.509	ppbV	96
20) acetonitrile	5.557	41	252177	7.813	ppbV	99
21) trichlorofluoromethane	6.023	101	439184	9.166	ppbV	99
22) isopropyl alcohol	6.170	45	1091250	23.162	ppbV	100
23) acrylonitrile	6.347	53	239509	8.973	ppbV	99
24) pentane	6.420	43	575780	9.322	ppbV	98
25) ethyl ether	6.456	31	363228	6.312	ppbV	98
26) 1,1-dichloroethene	6.720	61	435449	9.450	ppbV	99
27) tertiary butyl alcohol	6.900	59	632642	8.657	ppbV	100
28) methylene chloride	6.858	49	284686	9.830	ppbV	99
29) 3-chloropropene	6.990	41	398243	9.154	ppbV	97
30) carbon disulfide	7.164	76	720734	10.556	ppbV	99
31) Freon 113	7.158	101	470786	9.373	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438836.D
Acq On : 27 Feb 2025 12:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-2,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 16:02:49 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) trans-1,2-dichloroethene	7.908	61	421795	10.155	ppbV	99
33) 1,1-dichloroethane	8.133	63	506239	8.741	ppbV	100
34) MTBE	8.217	73	678116	10.409	ppbV	99
35) vinyl acetate	8.317	43	462574	6.563	ppbV	100
36) 2-butanone	8.583	43	571092	9.941	ppbV	99
37) cis-1,2-dichloroethene	9.075	61	396269	8.896	ppbV	99
38) Ethyl Acetate	9.350	61	113600	8.322	ppbV	93
39) chloroform	9.408	83	450339	9.438	ppbV	99
40) Tetrahydrofuran	9.867	42	326536	10.885	ppbV	99
41) 2,2-dichloropropane	9.433	77	358432	9.124	ppbV	97
42) 1,2-dichloroethane	10.242	62	313677	8.525	ppbV	98
44) hexane	9.325	57	561528	12.556	ppbV	92
45) diisopropyl ether	9.325	87	282203	10.014	ppbV	97
46) tert-butyl ethyl ether	9.950	59	1003608	10.231	ppbV	99
48) 1,1,1-trichloroethane	10.533	97	442996	10.811	ppbV	100
49) 1,1-dichloropropene	10.893	75	375574	10.692	ppbV	96
50) benzene	11.060	78	839700	10.121	ppbV	98
52) carbon tetrachloride	11.227	117	367915	10.595	ppbV	98
53) cyclohexane	11.373	56	595829	12.163	ppbV	99
54) tert-amyl methyl ether	11.780	73	780793	10.307	ppbV	99
55) dibromomethane	11.960	93	265853	10.054	ppbV	98
56) 1,2-dichloropropane	12.000	63	339964	9.870	ppbV	99
57) bromodichloromethane	12.220	83	487270	12.351	ppbV	100
58) 1,4-dioxane	12.313	88	227098	12.135	ppbV	96
59) trichloroethene	12.273	130	355958	10.287	ppbV	99
60) 2,2,4-trimethylpentane	12.320	57	1820614	12.461	ppbV	98
61) methyl methacrylate	12.513	41	355574	9.273	ppbV	98
62) heptane	12.633	43	552810	11.893	ppbV	99
63) cis-1,3-dichloropropene	13.283	75	455856	10.859	ppbV	96
64) 4-methyl-2-pentanone	13.367	43	650843	11.513	ppbV	99
65) trans-1,3-dichloropropene	13.900	75	368415	11.331	ppbV	96
66) 1,1,2-trichloroethane	14.092	97	337687	10.154	ppbV	97
68) toluene	14.400	91	1083622	9.909	ppbV	100
71) 1,3-dichloropropane	14.425	76	462632	9.829	ppbV	96
72) 2-hexanone	14.717	43	600460	10.966	ppbV	98
74) dibromochloromethane	14.842	129	472498	11.959	ppbV	100
75) 1,2-dibromoethane	15.083	107	460795	10.192	ppbV	100
76) butyl acetate	15.342	73	140317	9.321	ppbV	98
77) octane	15.408	85	447680	10.200	ppbV	96
78) tetrachloroethene	15.542	166	480040	10.156	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438836.D
Acq On : 27 Feb 2025 12:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-2,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 16:02:49 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : Default-LCS-AP2 - All compounds listed

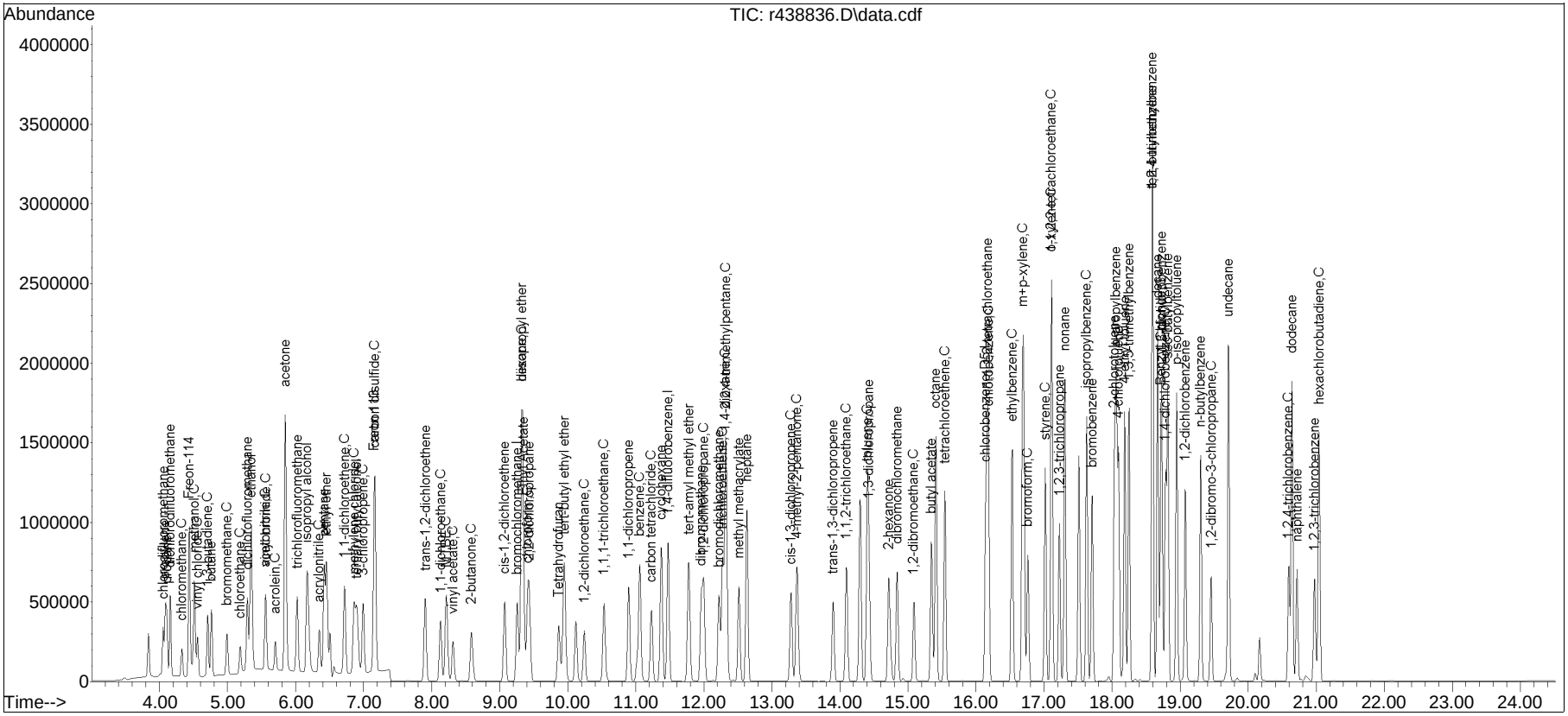
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 1,1,1,2-tetrachloroethane	16.167	131	330209	9.849	ppbV	98
80) chlorobenzene	16.183	112	788560	10.041	ppbV	98
81) ethylbenzene	16.533	91	1352165	9.950	ppbV	100
83) m+p-xylene	16.692	91	2202464	20.461	ppbV	100
84) bromoform	16.758	173	471113	11.962	ppbV	100
85) styrene	17.017	104	831736	10.112	ppbV	99
86) 1,1,2,2-tetrachloroethane	17.108	83	728423	10.354	ppbV	100
87) o-xylene	17.108	91	1100248	10.463	ppbV	100
88) 1,2,3-trichloropropane	17.225	75	520235	9.906	ppbV	98
89) nonane	17.308	43	739031	9.972	ppbV	99
91) isopropylbenzene	17.625	105	1296285	9.961	ppbV	98
92) bromobenzene	17.708	77	721296	9.930	ppbV	97
93) 2-chlorotoluene	18.033	126	370472	9.855	ppbV	92
94) n-propylbenzene	18.058	120	426392	9.791	ppbV	92
95) 4-chlorotoluene	18.092	126	354070M3	9.369	ppbV	
96) 4-ethyl toluene	18.183	105	1306978	11.130	ppbV	99
97) 1,3,5-trimethylbenzene	18.250	105	1120900	8.529	ppbV	99
98) tert-butylbenzene	18.592	119	1199017	10.092	ppbV	99
99) 1,2,4-trimethylbenzene	18.592	105	1070285	9.972	ppbV	97
100) decane	18.667	57	1049826	9.747	ppbV	99
101) Benzyl Chloride	18.717	91	751524	9.219	ppbV	99
102) 1,3-dichlorobenzene	18.725	146	703946	10.100	ppbV	98
103) 1,4-dichlorobenzene	18.783	146	645722M3	9.829	ppbV	
104) sec-butylbenzene	18.817	105	1503753	9.507	ppbV	99
106) p-isopropyltoluene	18.950	119	1233996	9.134	ppbV	96
107) 1,2-dichlorobenzene	19.075	146	602093	9.405	ppbV	100
108) n-butylbenzene	19.300	91	951847	9.154	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.458	75	211965	8.747	ppbV	95
112) undecane	19.708	57	1035247	9.070	ppbV	98
114) dodecane	20.642	57	946219	8.181	ppbV	98
115) 1,2,4-trichlorobenzene	20.592	180	331965	7.674	ppbV	98
116) naphthalene	20.717	128	715945	7.130	ppbV	99
117) 1,2,3-trichlorobenzene	20.975	180	292327	6.916	ppbV	98
119) hexachlorobutadiene	21.042	225	483700	8.346	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listed\r438836.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438836.D
Acq On : 27 Feb 2025 12:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-2,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

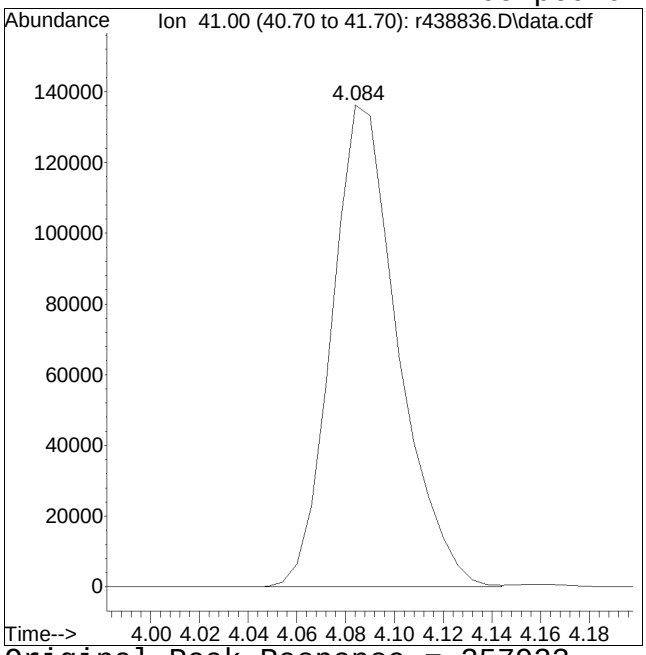
Quant Time: Feb 27 16:02:49 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration



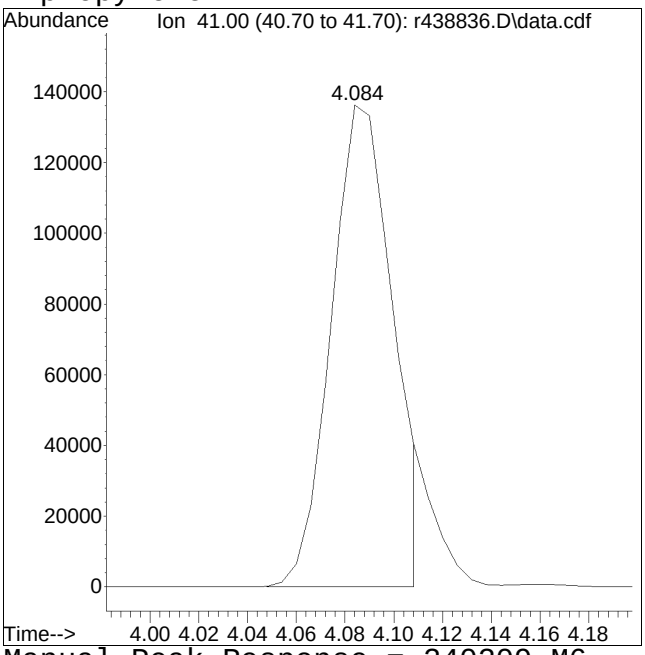
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438836.D Operator : AIRPIANO4:TPH
Date Inj'd : 2/27/2025 12:45 PM Instrument :
Sample : WG2034926-2,3,250,250 Quant Date : 2/27/2025 4:02 pm

Compound #3: propylene



Original Peak Response = 257923



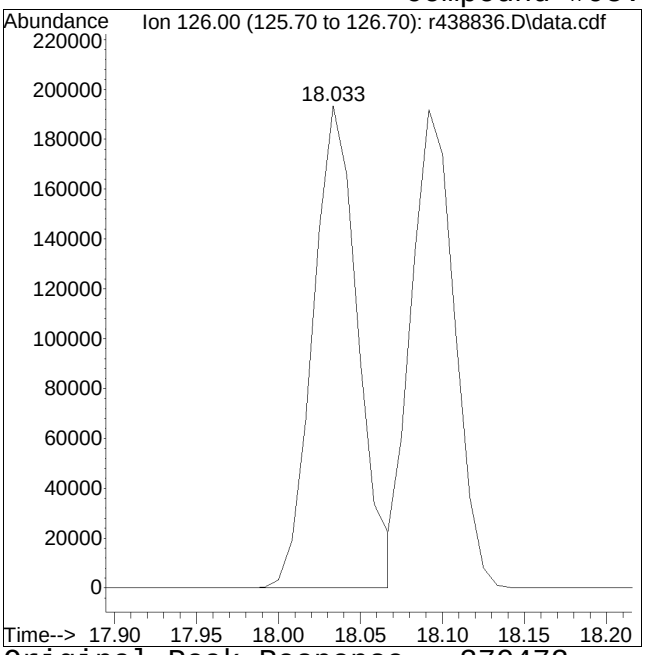
Manual Peak Response = 240209 M6

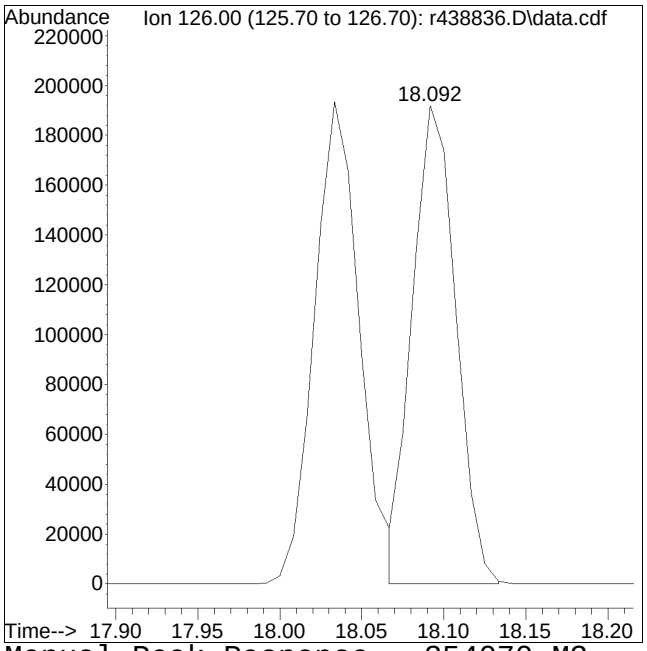
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438836.D Operator : AIRPIANO4:TPH
Date Inj'd : 2/27/2025 12:45 PM Instrument :
Sample : WG2034926-2,3,250,250 Quant Date : 2/27/2025 4:02 pm

Compound #95: 4-chlorotoluene



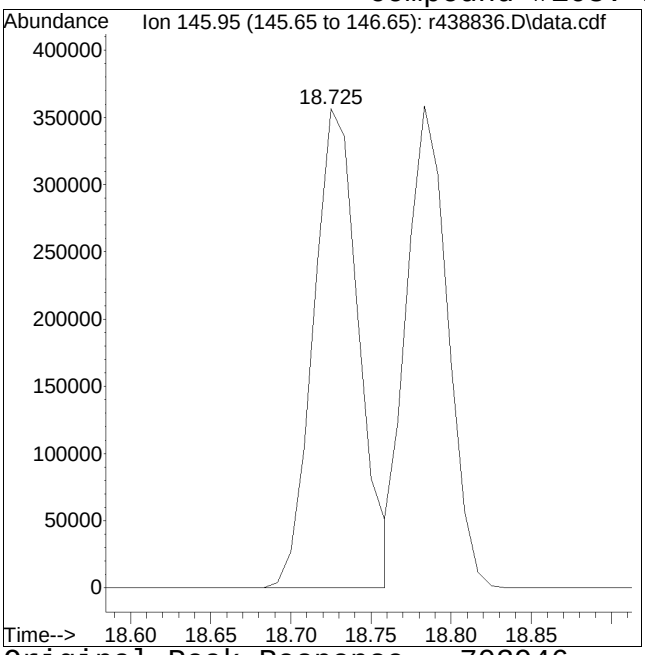


Original Peak Response = 370472 Manual Peak Response = 354070 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

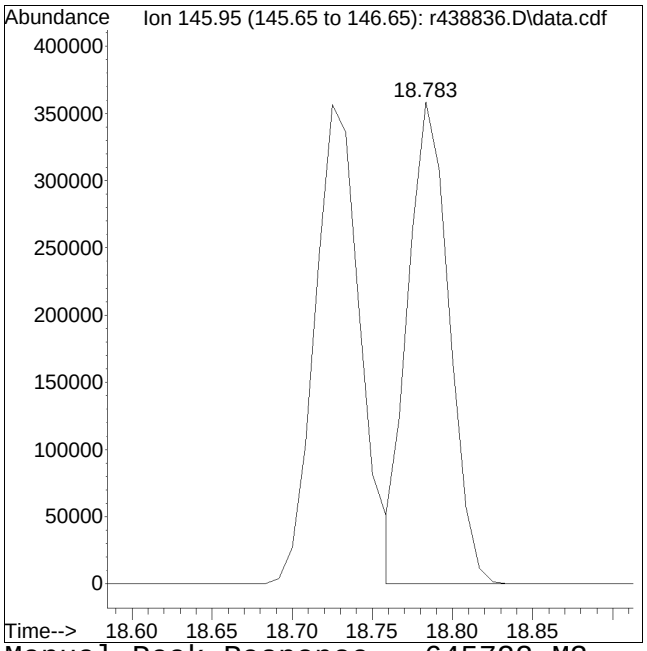
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438836.D Operator : AIRPIANO4:TPH
Date Inj'd : 2/27/2025 12:45 PM Instrument :
Sample : WG2034926-2,3,250,250 Quant Date : 2/27/2025 4:02 pm

Compound #103: 1,4-dichlorobenzene



Original Peak Response = 703946



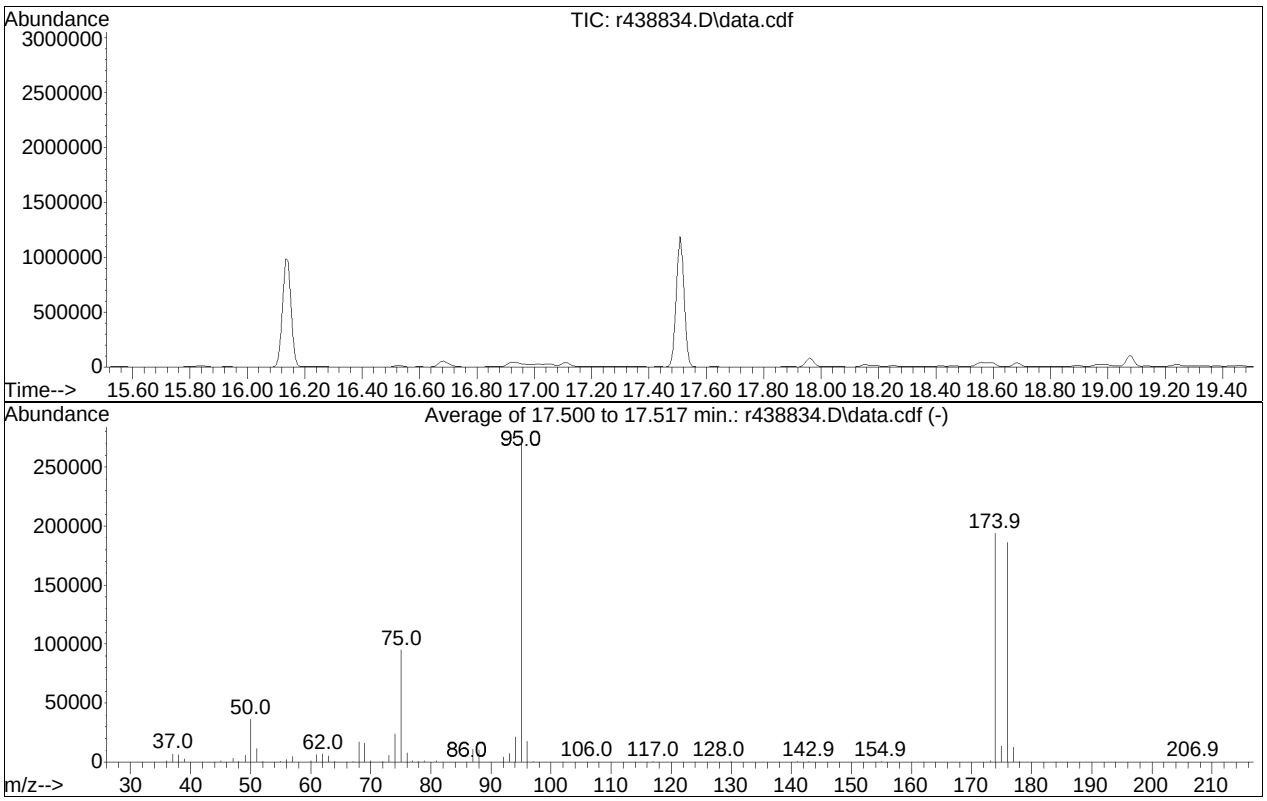
Manual Peak Response = 645722 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438834.D
Acq On : 27 Feb 2025 11:22 AM
Operator : AIRPIANO4:TPH
Sample : WG2034926-1,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Feb 27 12:01:40 2025



Spectrum Information: Average of 17.500 to 17.517 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	13.4	36180	PASS
75	95	30	66	35.1	95092	PASS
95	95	100	100	100.0	270747	PASS
96	95	5	9	6.6	17795	PASS
173	174	0.00	2	0.7	1381	PASS
174	95	50	120	71.6	193884	PASS
175	174	4	9	7.0	13621	PASS
176	174	93	101	96.1	186371	PASS
177	176	5	9	6.6	12265	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438838.D
Acq On : 27 Feb 2025 4:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-4,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:44:17 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.258	49	321758	10.000	ppbV	0.07
Standard Area = 343689			Recovery = 93.62%			
43) 1,4-difluorobenzene	11.480	114	1000941	10.000	ppbV	0.07
Standard Area = 926999			Recovery = 107.98%			
67) chlorobenzene-D5	16.150	54	161752	10.000	ppbV	0.06
Standard Area = 152882			Recovery = 105.80%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	0.000		0	N.D.		
6) chloromethane	0.000		0	N.D.		
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.447	31	1015	0.051	ppbV	90
17) vinyl bromide	0.000		0	N.D.		
19) acetone	6.003	43	4040	0.122	ppbV #	97
21) trichlorofluoromethane	0.000		0	N.D.		
22) isopropyl alcohol	6.323		0	N.D.		
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	0.000		0	N.D.		
28) methylene chloride	6.870		0	N.D.		
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	0.000		0	N.D.		
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	0.000		0	N.D.		
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	0.000		0	N.D.		
40) Tetrahydrofuran	0.000		0	N.D.		
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	0.000		0	N.D.		

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438838.D
Acq On : 27 Feb 2025 4:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-4,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:44:17 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : Default-LCS-AP2 - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48)	1,1,1-trichloroethane	0.000		0	N.D.		
50)	benzene	11.067		0	N.D.		
52)	carbon tetrachloride	0.000		0	N.D.		
53)	cyclohexane	0.000		0	N.D.		
56)	1,2-dichloropropane	0.000		0	N.D.		
57)	bromodichloromethane	0.000		0	N.D.		
58)	1,4-dioxane	0.000		0	N.D.		
59)	trichloroethene	0.000		0	N.D.		
60)	2,2,4-trimethylpentane	0.000		0	N.D.		
62)	heptane	0.000		0	N.D.		
63)	cis-1,3-dichloropropene	0.000		0	N.D.		
64)	4-methyl-2-pentanone	0.000		0	N.D.		
65)	trans-1,3-dichloropropene	0.000		0	N.D.		
66)	1,1,2-trichloroethane	0.000		0	N.D.		
68)	toluene	14.417		0	N.D.		
72)	2-hexanone	0.000		0	N.D.		
74)	dibromochloromethane	0.000		0	N.D.		
75)	1,2-dibromoethane	0.000		0	N.D.		
78)	tetrachloroethene	0.000		0	N.D.		
80)	chlorobenzene	0.000		0	N.D.		
81)	ethylbenzene	16.542		0	N.D.		
83)	m+p-xylene	16.542		0	N.D.		
84)	bromoform	0.000		0	N.D.		
85)	styrene	0.000		0	N.D.		
86)	1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87)	o-xylene	17.125		0	N.D.		
96)	4-ethyl toluene	0.000		0	N.D.		
97)	1,3,5-trimethylbenzene	0.000		0	N.D.		
99)	1,2,4-trimethylbenzene	18.608		0	N.D.		
101)	Benzyl Chloride	0.000		0	N.D.		
102)	1,3-dichlorobenzene	0.000		0	N.D.		
103)	1,4-dichlorobenzene	0.000		0	N.D.		
107)	1,2-dichlorobenzene	0.000		0	N.D.		
115)	1,2,4-trichlorobenzene	20.617		0	N.D.		
116)	naphthalene	20.733		0	N.D.		
119)	hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438838.D
Acq On : 27 Feb 2025 4:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-4,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:44:17 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

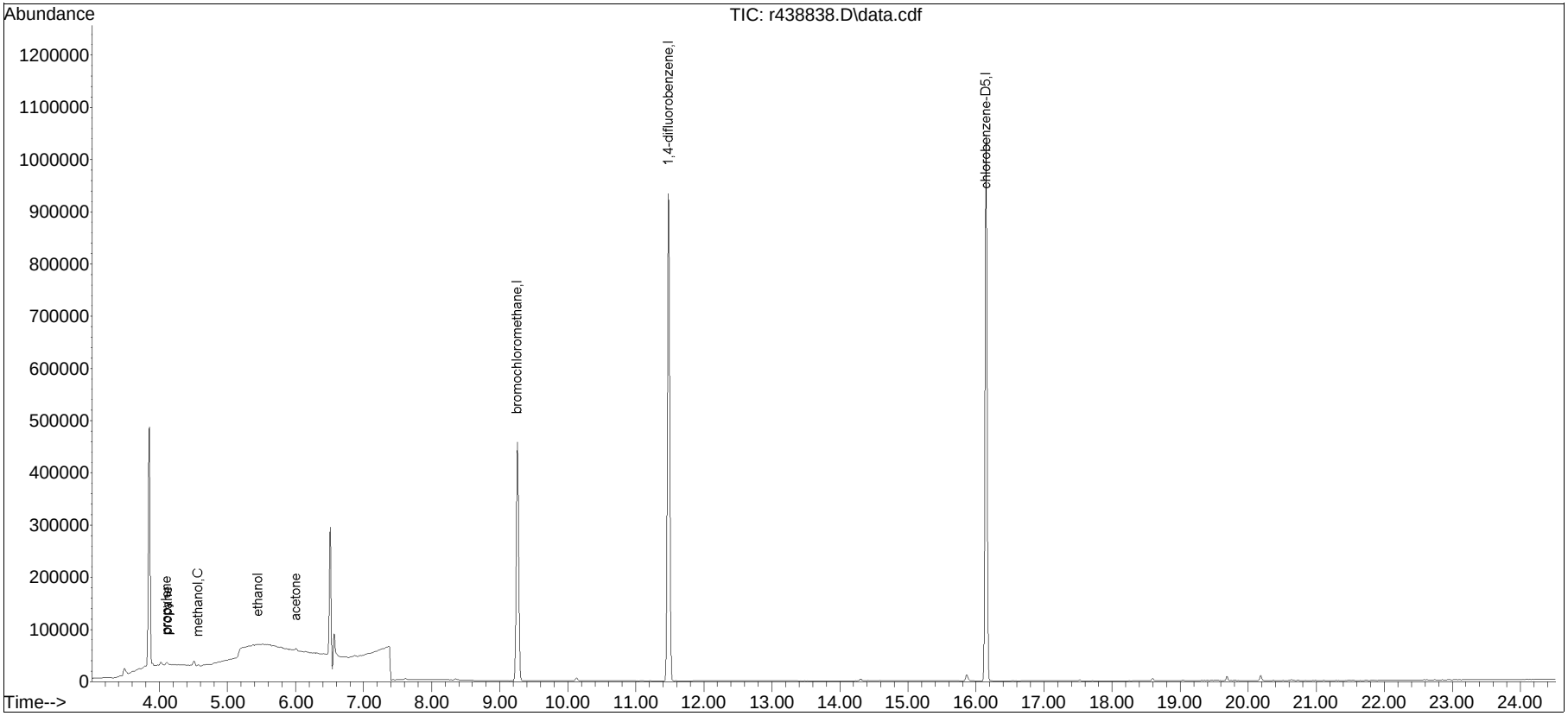
CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : Default-LCS-AP2 - All compounds listed

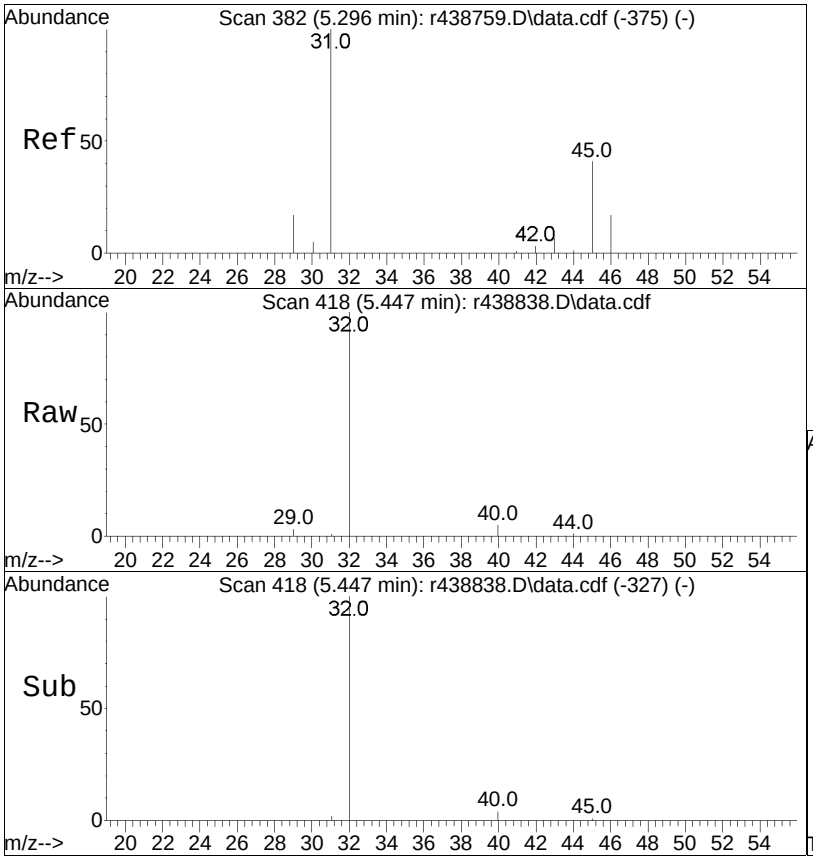
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listed\r438836.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438838.D
Acq On : 27 Feb 2025 4:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-4,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:44:17 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

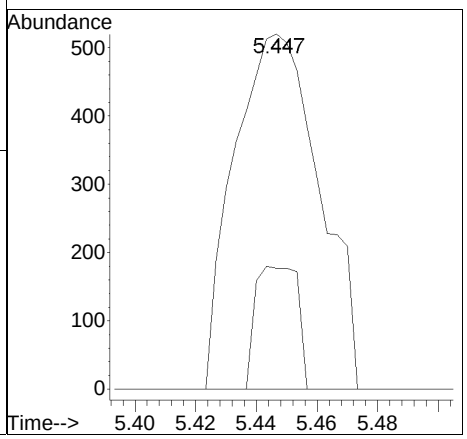


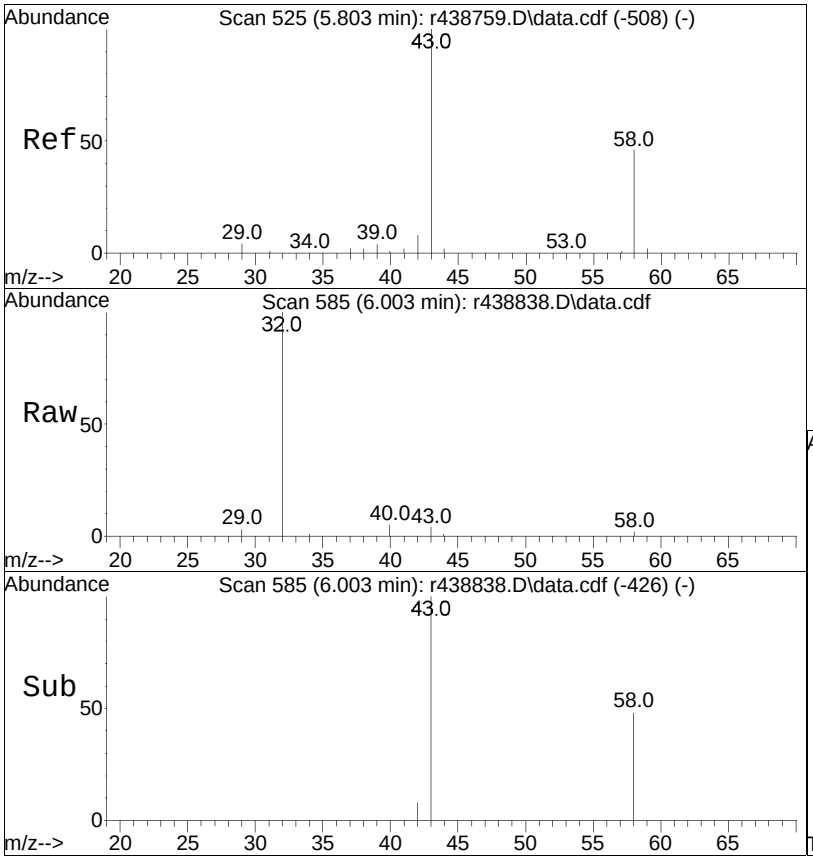


#15
ethanol
Concen: 0.05 ppbV
RT: 5.447 min Scan# 418
Delta R.T. 0.151 min
Lab File: r438838.D
Acq: 27 Feb 2025 4:45 PM

Tgt Ion: 31 Resp: 1015

Ion	Ratio	Lower	Upper
31	100		
45	34.0	32.2	48.4

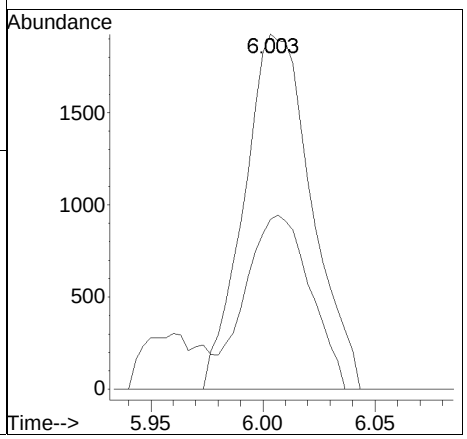




#19
acetone
Concen: 0.12 ppbV
RT: 6.003 min Scan# 585
Delta R.T. 0.200 min
Lab File: r438838.D
Acq: 27 Feb 2025 4:45 PM

Tgt Ion: 43 Resp: 4040

Ion	Ratio	Lower	Upper
43	100		
58	47.9	36.8	55.2
57	0.0	1.0	1.4#



Manual Integration Report

Data Path	: X:\Airlab\Data\Airpiano4\2	QMethod	: TFS4_250223.M
Data File	: r438838.D	Operator	: AIRPIANO4:TPH
Date Inj'd	: 2/27/2025 4:45 PM	Instrument	:
Sample	: WG2034926-4,3,250,250	Quant Date	: 2/28/2025 7:44 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438836.D
Acq On : 27 Feb 2025 12:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-3,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 16:02:49 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	bromochloromethane	10.000	10.000	0.0	106	0.07
2		chlorodifluoromethane	10.000	10.081	-0.8	108	0.04
3		propylene	10.000	9.704	3.0	137	0.04
4		propane	10.000	9.467	5.3	104	0.04
5		dichlorodifluoromethane	10.000	9.336	6.6	100	0.04
6	C	chloromethane	10.000	8.862	11.4	98	0.04
7		Freon-114	10.000	10.181	-1.8	109	0.04
8	C	methanol	50.000	40.255	19.5	98	0.04
9	C	vinyl chloride	10.000	9.306	6.9	101	0.04
10	C	1,3-butadiene	10.000	11.061	-10.6	149	0.05
11		butane	10.000	8.534	14.7	97	0.05
13	C	bromomethane	10.000	10.234	-2.3	110	0.05
14	C	chloroethane	10.000	8.946	10.5	105	0.05
15		ethanol	50.000	43.290	13.4	88	0.05
16		dichlorofluoromethane	10.000	9.172	8.3	104	0.05
17	C	vinyl bromide	10.000	10.497	-5.0	142	0.05
18	C	acrolein	10.000	8.202	18.0	91	0.05
19		acetone	50.000	53.509	-7.0	149	0.04
20	C	acetonitrile	10.000	7.813	21.9	89	0.05
21		trichlorofluoromethane	10.000	9.166	8.3	98	0.06
22		isopropyl alcohol	25.000	23.162	7.4	140	0.03
23	C	acrylonitrile	10.000	8.973	10.3	100	0.05
24		pentane	10.000	9.322	6.8	95	0.06
25		ethyl ether	10.000	6.312	36.9#	63	0.05
26	C	1,1-dichloroethene	10.000	9.450	5.5	102	0.06
27		tertiary butyl alcohol	10.000	8.657	13.4	93	0.05
28	C	methylene chloride	10.000	9.830	1.7	106	0.06
29	C	3-chloropropene	10.000	9.154	8.5	134	0.06
30	C	carbon disulfide	10.000	10.556	-5.6	142	0.06
31		Freon 113	10.000	9.373	6.3	100	0.06
32		trans-1,2-dichloroethene	10.000	10.155	-1.5	135	0.07
33	C	1,1-dichloroethane	10.000	8.741	12.6	95	0.07
34	C	MTBE	10.000	10.409	-4.1	139	0.06
35	C	vinyl acetate	10.000	6.563	34.4#	91	0.07
36	C	2-butanone	10.000	9.941	0.6	136	0.05
37		cis-1,2-dichloroethene	10.000	8.896	11.0	96	0.07
38		Ethyl Acetate	10.000	8.322	16.8	138	0.06
39	C	chloroform	10.000	9.438	5.6	101	0.07
40		Tetrahydrofuran	10.000	10.885	-8.8	147	0.05

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438836.D
Acq On : 27 Feb 2025 12:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-3,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 16:02:49 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	10.000	9.124	8.8	98	0.06
42	C	1,2-dichloroethane	10.000	8.525	14.7	93	0.07
43	I	1,4-difluorobenzene	10.000	10.000	0.0	93	0.07
44	C	hexane	10.000	12.556	-25.6	143	0.07
45		diisopropyl ether	10.000	10.014	-0.1	101	0.06
46		tert-butyl ethyl ether	10.000	10.231	-2.3	97	0.06
48	C	1,1,1-trichloroethane	10.000	10.811	-8.1	101	0.07
49		1,1-dichloropropene	10.000	10.692	-6.9	103	0.07
50	C	benzene	10.000	10.121	-1.2	96	0.07
52	C	carbon tetrachloride	10.000	10.595	-6.0	98	0.07
53		cyclohexane	10.000	12.163	-21.6	142	0.07
54		tert-amyl methyl ether	10.000	10.307	-3.1	98	0.06
55		dibromomethane	10.000	10.054	-0.5	96	0.06
56	C	1,2-dichloropropane	10.000	9.870	1.3	94	0.07
57		bromodichloromethane	10.000	12.351	-23.5	142	0.07
58	C	1,4-dioxane	10.000	12.135	-21.3	141	0.05
59	C	trichloroethene	10.000	10.287	-2.9	97	0.07
60	C	2,2,4-trimethylpentane	10.000	12.461	-24.6	142	0.06
61		methyl methacrylate	10.000	9.273	7.3	90	0.06
62		heptane	10.000	11.893	-18.9	142	0.07
63	C	cis-1,3-dichloropropene	10.000	10.859	-8.6	103	0.07
64	C	4-methyl-2-pentanone	10.000	11.513	-15.1	133	0.06
65		trans-1,3-dichloropropene	10.000	11.331	-13.3	108	0.07
66	C	1,1,2-trichloroethane	10.000	10.154	-1.5	97	0.06
67	I	chlorobenzene-D5	10.000	10.000	0.0	95	0.05
68	C	toluene	10.000	9.909	0.9	96	0.06
71		1,3-dichloropropane	10.000	9.829	1.7	97	0.05
72		2-hexanone	10.000	10.966	-9.7	129	0.05
74		dibromochloromethane	10.000	11.959	-19.6	141	0.06
75	C	1,2-dibromoethane	10.000	10.192	-1.9	98	0.05
76		butyl acetate	10.000	9.321	6.8	93	0.05
77		octane	10.000	10.200	-2.0	100	0.05
78	C	tetrachloroethene	10.000	10.156	-1.6	96	0.05
79		1,1,1,2-tetrachloroethane	10.000	9.849	1.5	93	0.05
80	C	chlorobenzene	10.000	10.041	-0.4	96	0.06
81	C	ethylbenzene	10.000	9.950	0.5	94	0.06
83	C	m+p-xylene	20.000	20.461	-2.3	95	0.05

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438836.D
Acq On : 27 Feb 2025 12:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-3,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 16:02:49 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
84	C	bromoform	10.000	11.962	-19.6	139	0.05
85	C	styrene	10.000	10.112	-1.1	95	0.05
86	C	1,1,2,2-tetrachloroethane	10.000	10.354	-3.5	98	0.05
87	C	o-xylene	10.000	10.463	-4.6	96	0.05
88		1,2,3-trichloropropane	10.000	9.906	0.9	97	0.05
89		nonane	10.000	9.972	0.3	97	0.05
91	C	isopropylbenzene	10.000	9.961	0.4	95	0.05
92		bromobenzene	10.000	9.930	0.7	96	0.06
93		2-chlorotoluene	10.000	9.855	1.4	96	0.05
94		n-propylbenzene	10.000	9.791	2.1	93	0.05
95		4-chlorotoluene	10.000	9.369	6.3	89	0.05
96		4-ethyl toluene	10.000	11.130	-11.3	127	0.05
97		1,3,5-trimethylbenzene	10.000	8.529	14.7	81	0.06
98		tert-butylbenzene	10.000	10.092	-0.9	96	0.05
99		1,2,4-trimethylbenzene	10.000	9.972	0.3	90	0.05
100		decane	10.000	9.747	2.5	91	0.05
101	C	Benzyl Chloride	10.000	9.219	7.8	101	0.05
102		1,3-dichlorobenzene	10.000	10.100	-1.0	92	0.05
103	C	1,4-dichlorobenzene	10.000	9.829	1.7	92	0.05
104		sec-butylbenzene	10.000	9.507	4.9	91	0.05
106		p-isopropyltoluene	10.000	9.134	8.7	85	0.05
107		1,2-dichlorobenzene	10.000	9.405	6.0	88	0.05
108		n-butylbenzene	10.000	9.154	8.5	90	0.05
111	C	1,2-dibromo-3-chloropropane	10.000	8.747	12.5	88	0.06
112		undecane	10.000	9.070	9.3	83	0.05
114		dodecane	10.000	8.181	18.2	73	0.06
115	C	1,2,4-trichlorobenzene	10.000	7.674	23.3	70	0.06
116		naphthalene	10.000	7.130	28.7	68	0.06
117		1,2,3-trichlorobenzene	10.000	6.916	30.8#	67	0.07
119	C	hexachlorobutadiene	10.000	8.346	16.5	75	0.07

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438836.D
Acq On : 27 Feb 2025 12:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-3,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 16:02:49 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.258	49	343689	10.000	ppbV	0.07
Standard Area = 343689			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.473	114	926999	10.000	ppbV	0.07
Standard Area = 926999			Recovery = 100.00%			
67) chlorobenzene-D5	16.142	54	152882	10.000	ppbV	0.05
Standard Area = 152882			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	4.156	85	471595	9.336	ppbV	100
6) chloromethane	4.330	50	192109	8.862	ppbV	99
7) Freon-114	4.438	85	553149	10.181	ppbV	98
9) vinyl chloride	4.558	62	278397	9.306	ppbV	99
10) 1,3-butadiene	4.708	54	203501	11.061	ppbV	90
13) bromomethane	4.990	94	205384	10.234	ppbV	100
14) chloroethane	5.188	64	140383	8.946	ppbV	99
15) ethanol	5.350	31	924248	43.290	ppbV	99
17) vinyl bromide	5.560	106	214436	10.497	ppbV	98
19) acetone	5.847	43	1894937	53.509	ppbV	96
21) trichlorofluoromethane	6.023	101	439184	9.166	ppbV	99
22) isopropyl alcohol	6.170	45	1091250	23.162	ppbV	100
26) 1,1-dichloroethene	6.720	61	435449	9.450	ppbV	99
27) tertiary butyl alcohol	6.900	59	632642	8.657	ppbV	100
28) methylene chloride	6.858	49	284686	9.830	ppbV	99
29) 3-chloropropene	6.990	41	398243	9.154	ppbV	97
30) carbon disulfide	7.164	76	720734	10.556	ppbV	99
31) Freon 113	7.158	101	470786	9.373	ppbV	99
32) trans-1,2-dichloroethene	7.908	61	421795	10.155	ppbV	99
33) 1,1-dichloroethane	8.133	63	506239	8.741	ppbV	100
34) MTBE	8.217	73	678116	10.409	ppbV	99
36) 2-butanone	8.583	43	571092	9.941	ppbV	99
37) cis-1,2-dichloroethene	9.075	61	396269	8.896	ppbV	99
38) Ethyl Acetate	9.350	61	113600	8.322	ppbV	93
39) chloroform	9.408	83	450339	9.438	ppbV	99
40) Tetrahydrofuran	9.867	42	326536	10.885	ppbV	99
42) 1,2-dichloroethane	10.242	62	313677	8.525	ppbV	98
44) hexane	9.325	57	561528	12.556	ppbV	92

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438836.D
Acq On : 27 Feb 2025 12:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-3,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 16:02:49 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	10.533	97	442996	10.811	ppbV	100
50) benzene	11.060	78	839700	10.121	ppbV	98
52) carbon tetrachloride	11.227	117	367915	10.595	ppbV	98
53) cyclohexane	11.373	56	595829	12.163	ppbV	99
56) 1,2-dichloropropane	12.000	63	339964	9.870	ppbV	99
57) bromodichloromethane	12.220	83	487270	12.351	ppbV	100
58) 1,4-dioxane	12.313	88	227098	12.135	ppbV	96
59) trichloroethene	12.273	130	355958	10.287	ppbV	99
60) 2,2,4-trimethylpentane	12.320	57	1820614	12.461	ppbV	98
62) heptane	12.633	43	552810	11.893	ppbV	99
63) cis-1,3-dichloropropene	13.283	75	455856	10.859	ppbV	96
64) 4-methyl-2-pentanone	13.367	43	650843	11.513	ppbV	99
65) trans-1,3-dichloropropene	13.900	75	368415	11.331	ppbV	96
66) 1,1,2-trichloroethane	14.092	97	337687	10.154	ppbV	97
68) toluene	14.400	91	1083622	9.909	ppbV	100
72) 2-hexanone	14.717	43	600460	10.966	ppbV	98
74) dibromochloromethane	14.842	129	472498	11.959	ppbV	100
75) 1,2-dibromoethane	15.083	107	460795	10.192	ppbV	100
78) tetrachloroethene	15.542	166	480040	10.156	ppbV	99
80) chlorobenzene	16.183	112	788560	10.041	ppbV	98
81) ethylbenzene	16.533	91	1352165	9.950	ppbV	100
83) m+p-xylene	16.692	91	2202464	20.461	ppbV	100
84) bromoform	16.758	173	471113	11.962	ppbV	100
85) styrene	17.017	104	831736	10.112	ppbV	99
86) 1,1,2,2-tetrachloroethane	17.108	83	728423	10.354	ppbV	100
87) o-xylene	17.108	91	1100248	10.463	ppbV	100
96) 4-ethyl toluene	18.183	105	1306978	11.130	ppbV	99
97) 1,3,5-trimethylbenzene	18.250	105	1120900	8.529	ppbV	99
99) 1,2,4-trimethylbenzene	18.592	105	1070285	9.972	ppbV	97
101) Benzyl Chloride	18.717	91	751524	9.219	ppbV	99
102) 1,3-dichlorobenzene	18.725	146	703946	10.100	ppbV	98
103) 1,4-dichlorobenzene	18.783	146	645722M3	9.829	ppbV	
107) 1,2-dichlorobenzene	19.075	146	602093	9.405	ppbV	100
115) 1,2,4-trichlorobenzene	20.592	180	331965	7.674	ppbV	98
116) naphthalene	20.717	128	715945	7.130	ppbV	99
119) hexachlorobutadiene	21.042	225	483700	8.346	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438836.D
Acq On : 27 Feb 2025 12:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-3,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 16:02:49 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

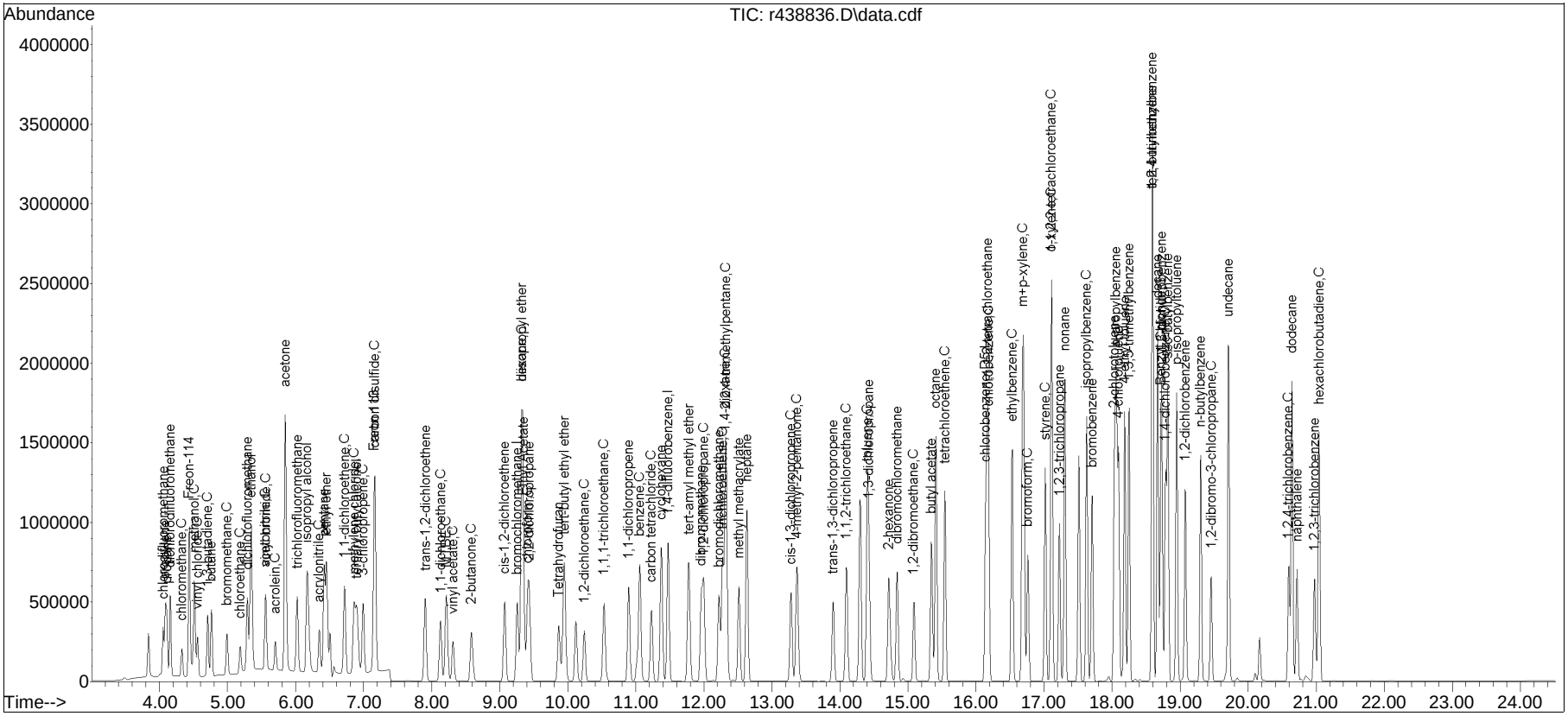
CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : Default-LCS-AP2 - All compounds listed

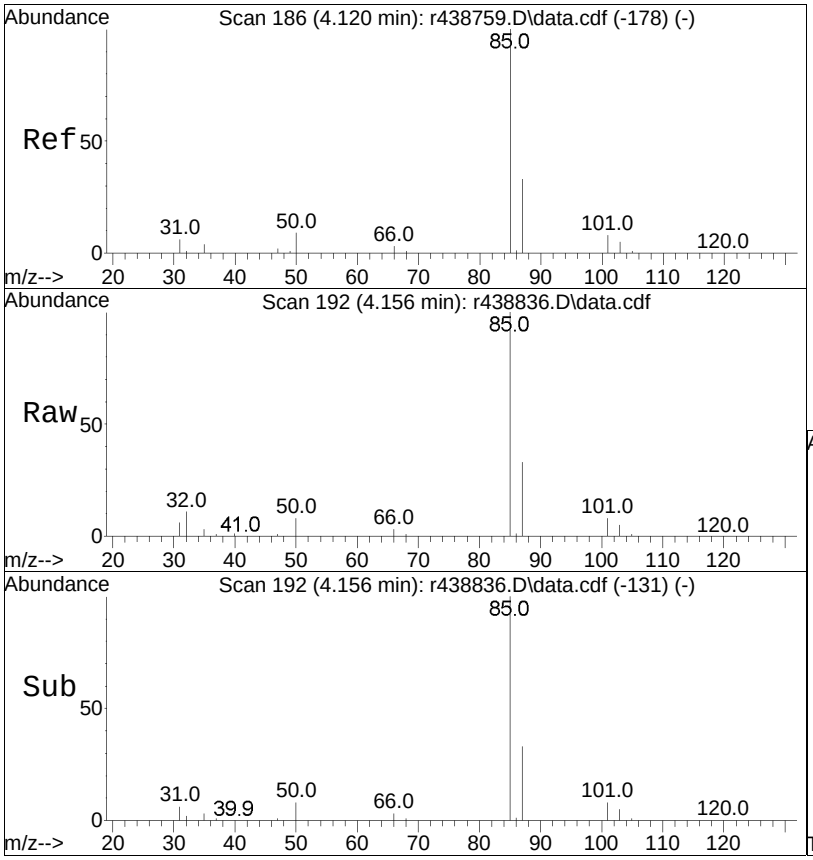
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listed\r438836.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438836.D
Acq On : 27 Feb 2025 12:45 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-3,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 27 16:02:49 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

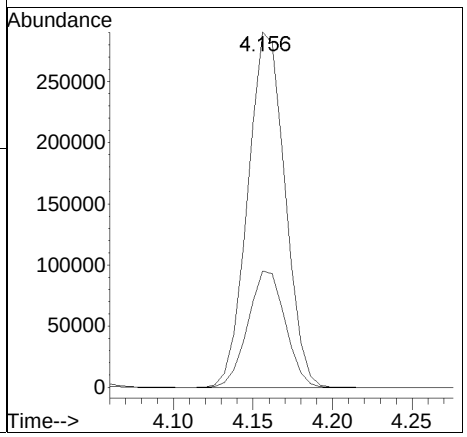


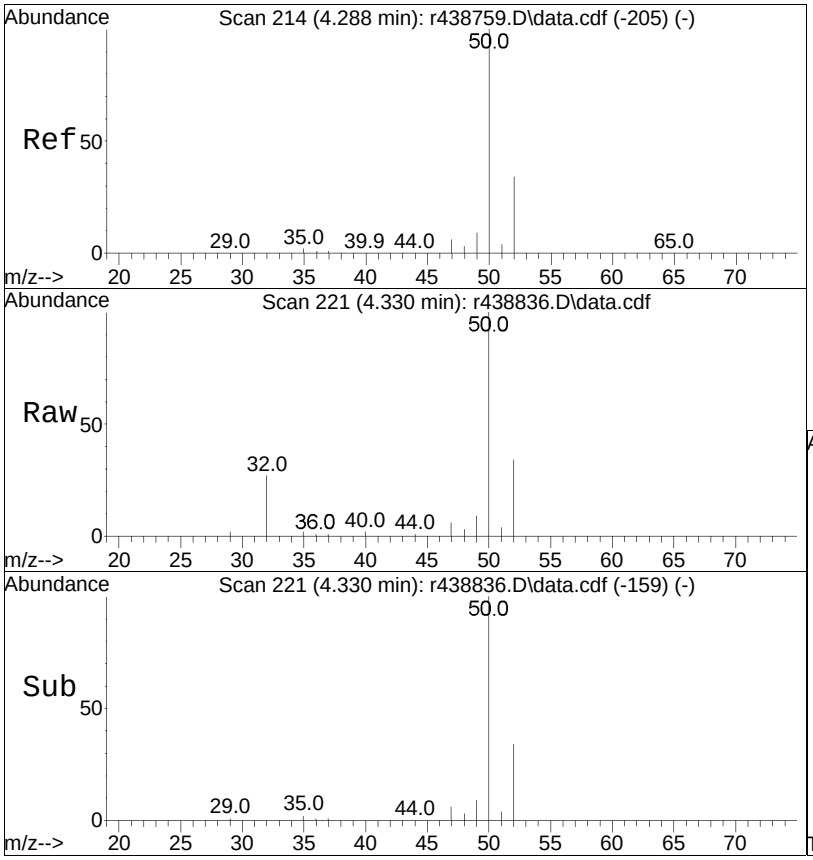


#5
dichlorodifluoromethane
Concen: 9.34 ppbV
RT: 4.156 min Scan# 192
Delta R.T. 0.036 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 85 Resp: 471595

Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.4	39.6

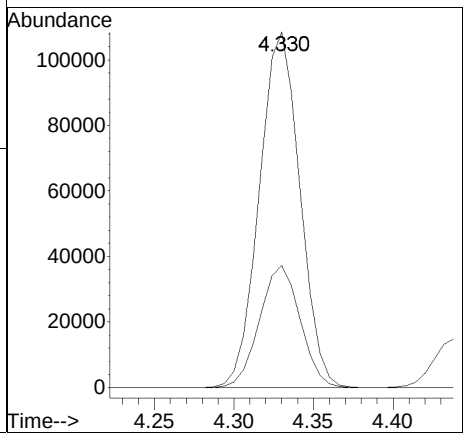


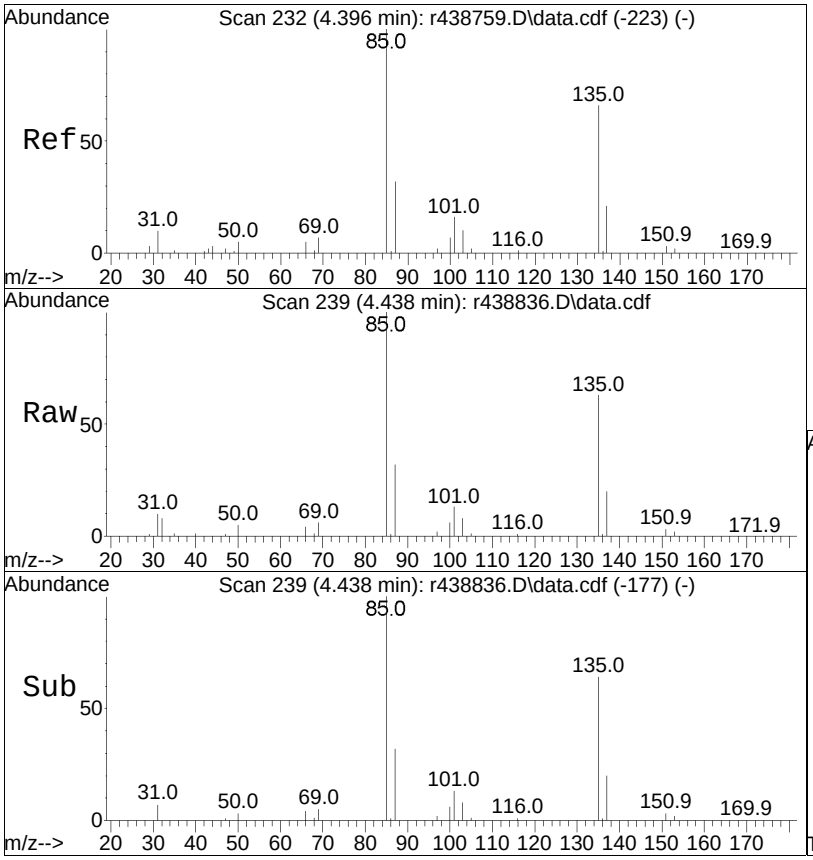


#6
chloromethane
Concen: 8.86 ppbV
RT: 4.330 min Scan# 221
Delta R.T. 0.042 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 50 Resp: 192109

Ion	Ratio	Lower	Upper
50	100		
52	34.3	26.9	40.3

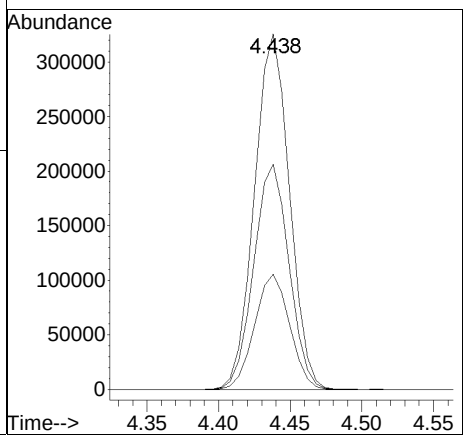


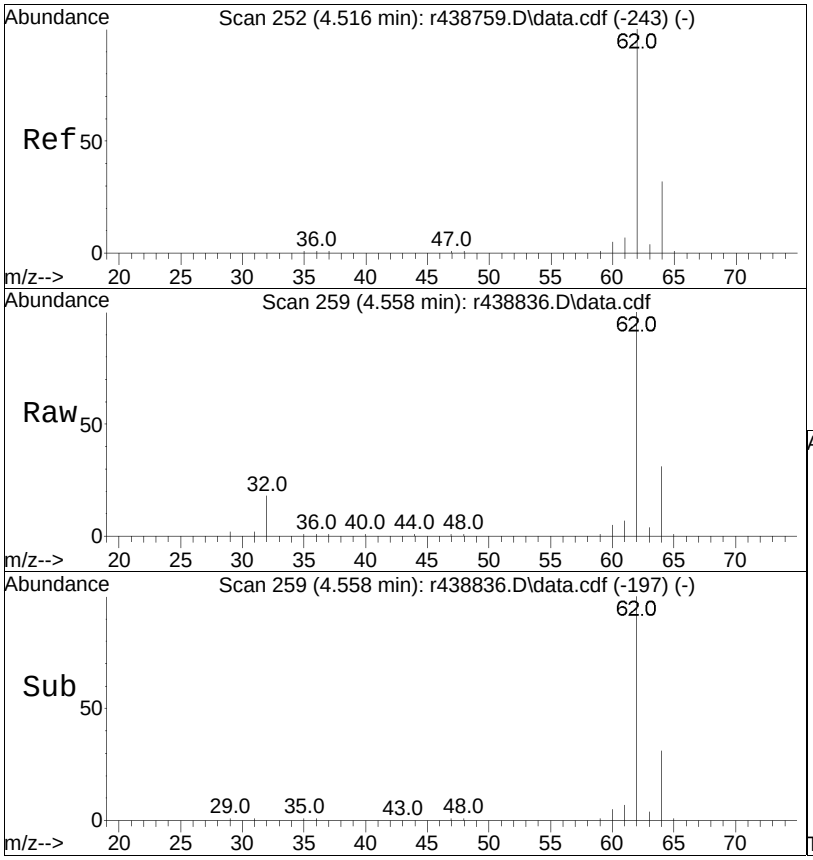


#7
Freon-114
Concen: 10.18 ppbV
RT: 4.438 min Scan# 239
Delta R.T. 0.042 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 85 Resp: 553149

Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.0	39.0
135	63.4	52.6	79.0

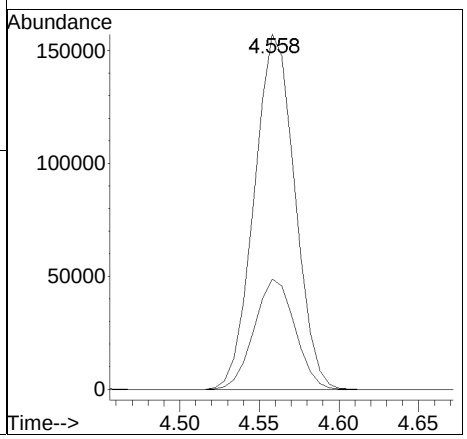


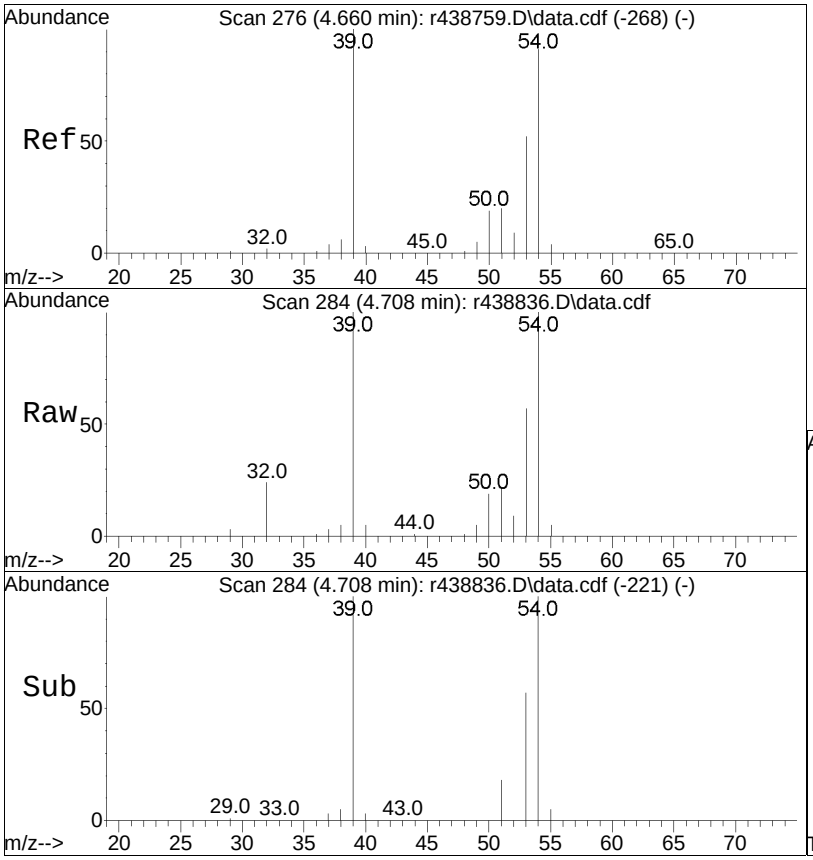


#9
vinyl chloride
Concen: 9.31 ppbV
RT: 4.558 min Scan# 259
Delta R.T. 0.042 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 62 Resp: 278397

Ion	Ratio	Lower	Upper
62	100		
64	31.1	25.4	38.0

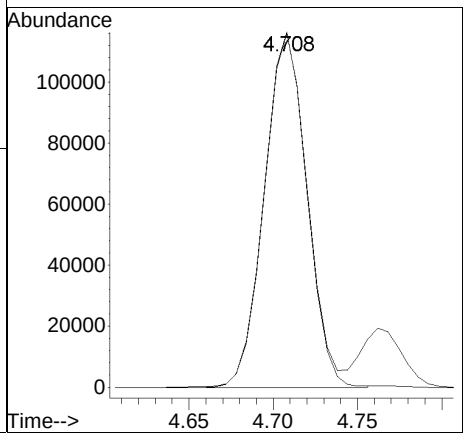


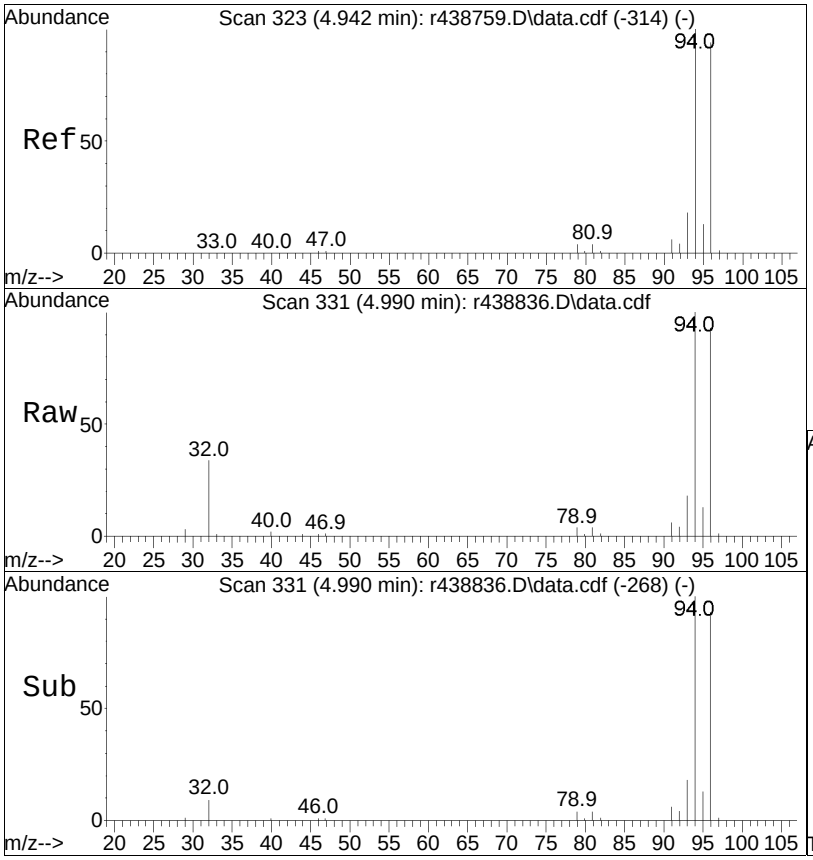


#10
1,3-butadiene
Concen: 11.06 ppbV
RT: 4.708 min Scan# 284
Delta R.T. 0.048 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 54 Resp: 203501

Ion	Ratio	Lower	Upper
54	100		
39	99.6	88.3	132.5

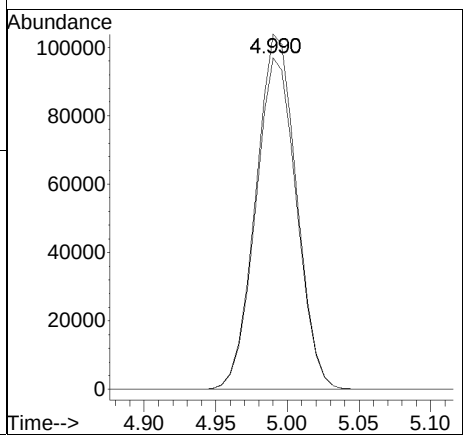


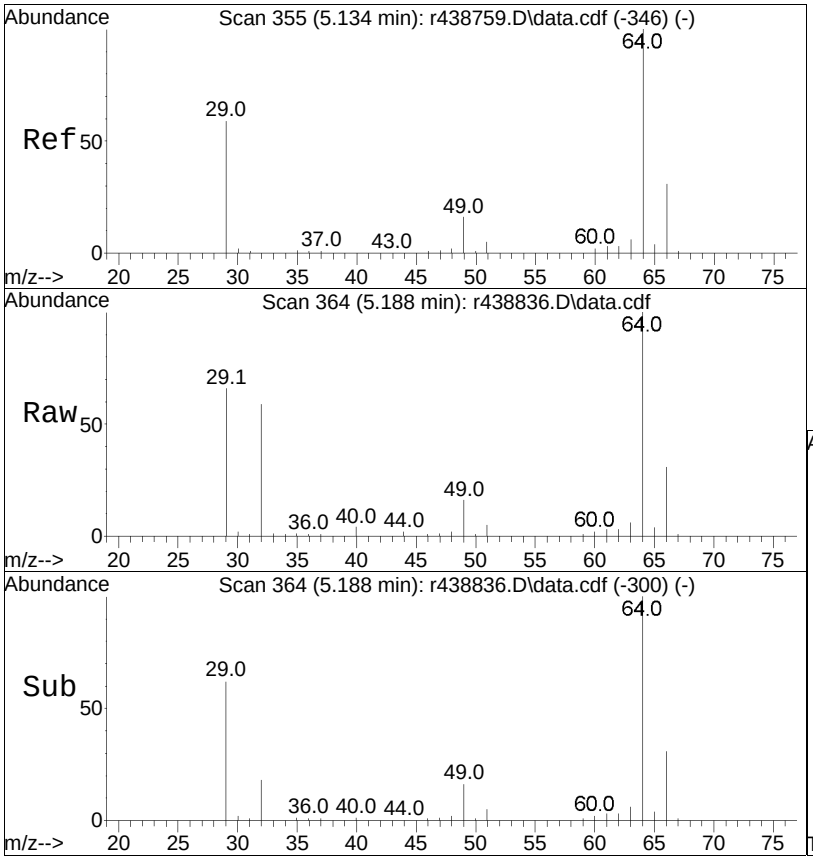


#13
bromomethane
Concen: 10.23 ppbV
RT: 4.990 min Scan# 331
Delta R.T. 0.048 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 94 Resp: 205384

Ion	Ratio	Lower	Upper
94	100		
96	93.3	74.8	112.2

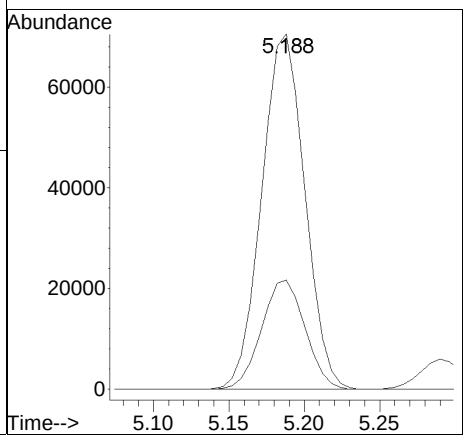


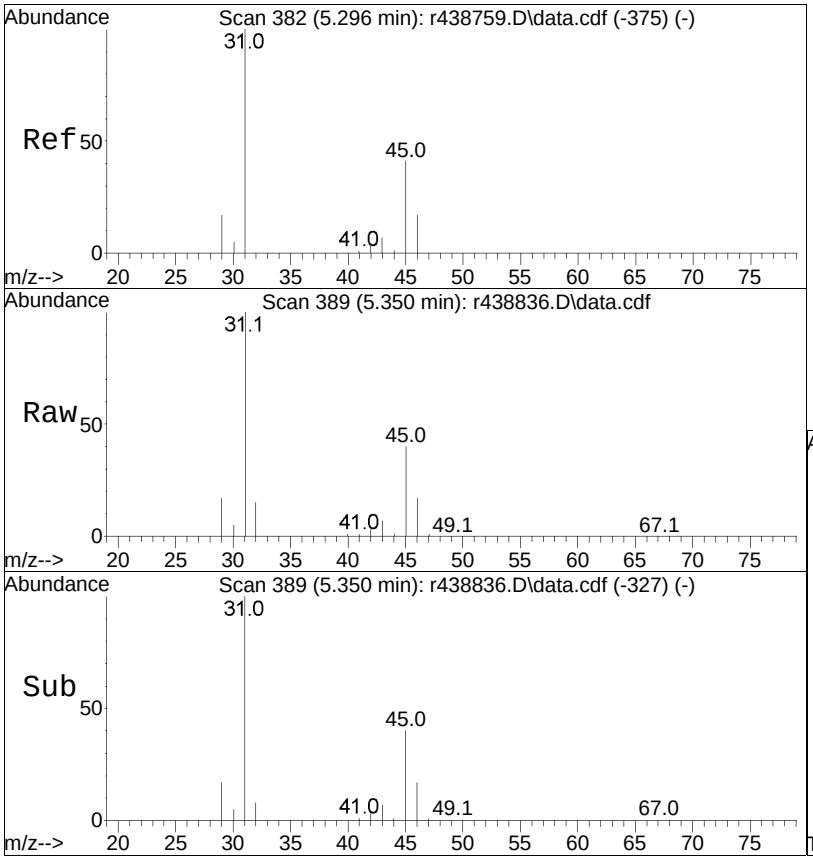


#14
chloroethane
Concen: 8.95 ppbV
RT: 5.188 min Scan# 364
Delta R.T. 0.054 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 64 Resp: 140383

Ion	Ratio	Lower	Upper
64	100		
66	30.8	25.2	37.8

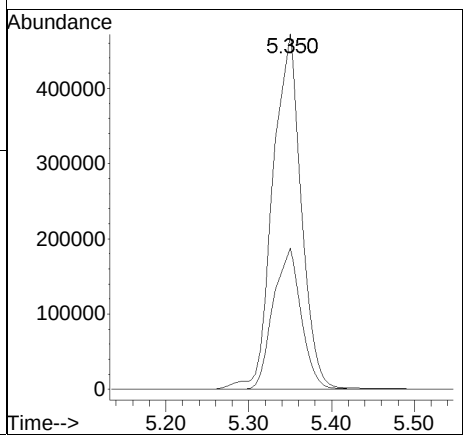


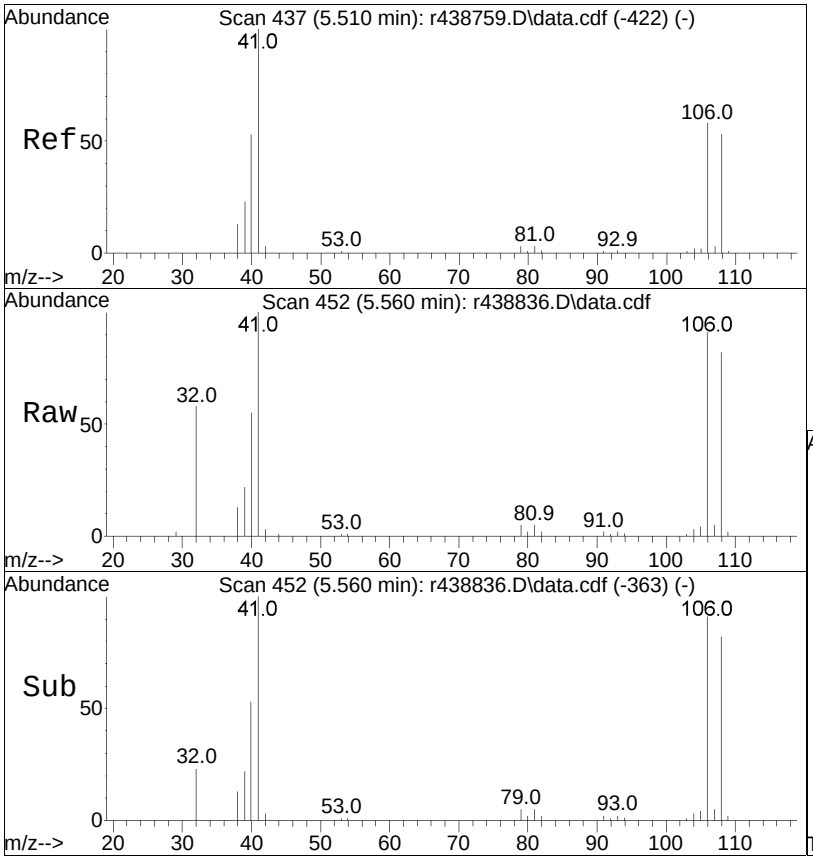


#15
ethanol
Concen: 43.29 ppbV
RT: 5.350 min Scan# 389
Delta R.T. 0.054 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 31 Resp: 924248

Ion	Ratio	Lower	Upper
31	100		
45	39.8	32.2	48.4

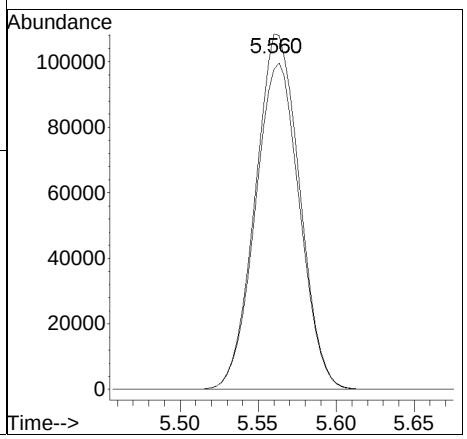


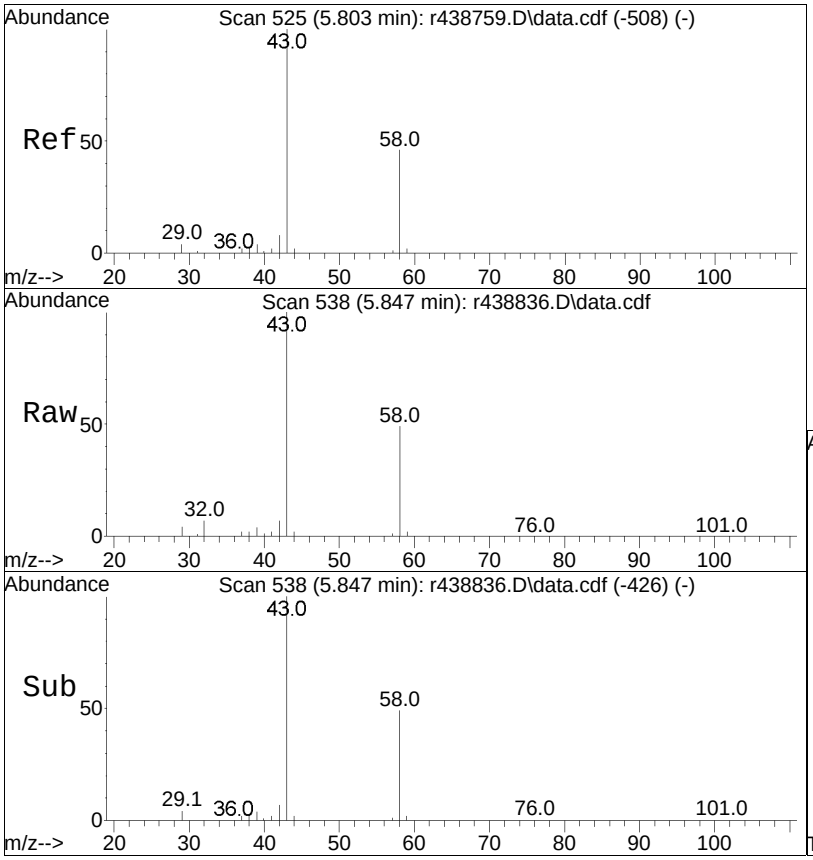


#17
vinyl bromide
Concen: 10.50 ppbV
RT: 5.560 min Scan# 452
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:106 Resp: 214436

Ion	Ratio	Lower	Upper
106	100		
108	90.1	73.9	110.9

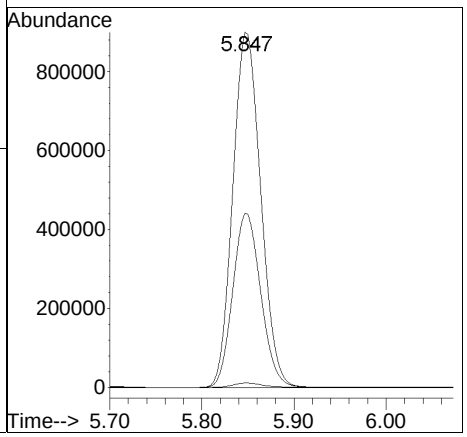


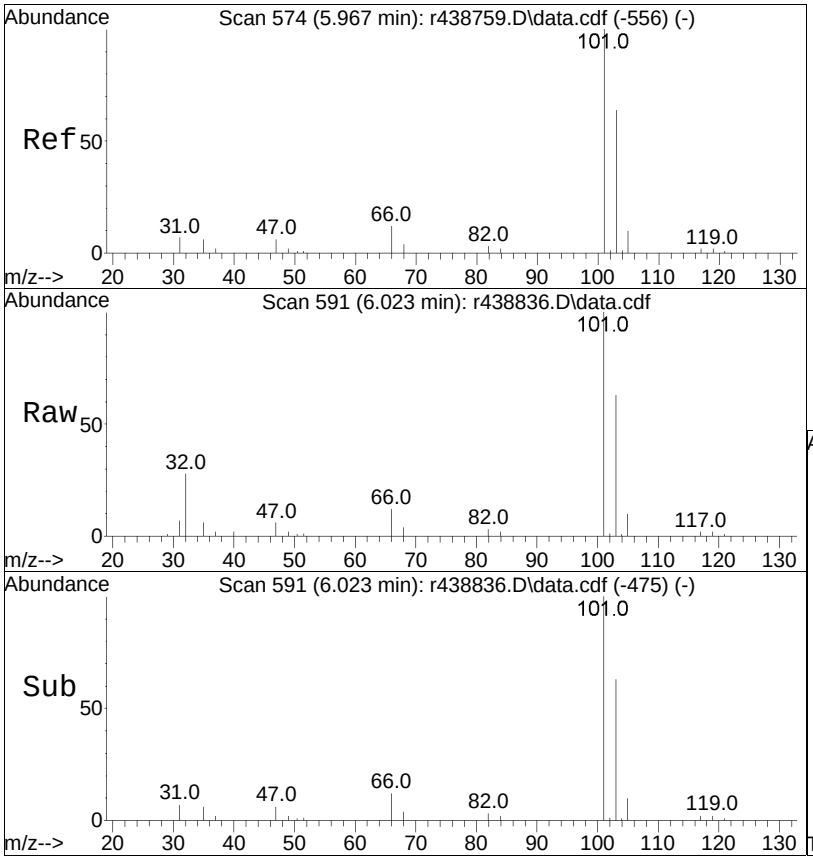


#19
acetone
Concen: 53.51 ppbV
RT: 5.847 min Scan# 538
Delta R.T. 0.043 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 43 Resp: 1894937

Ion	Ratio	Lower	Upper
43	100		
58	49.0	36.8	55.2
57	1.2	1.0	1.4

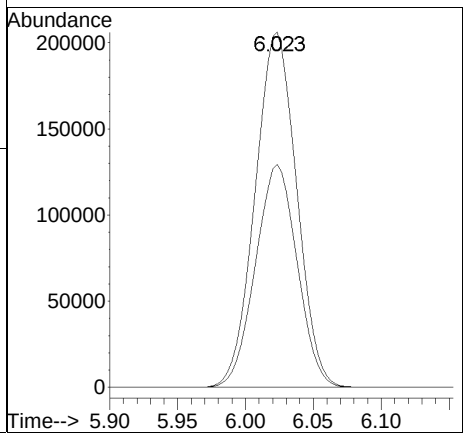


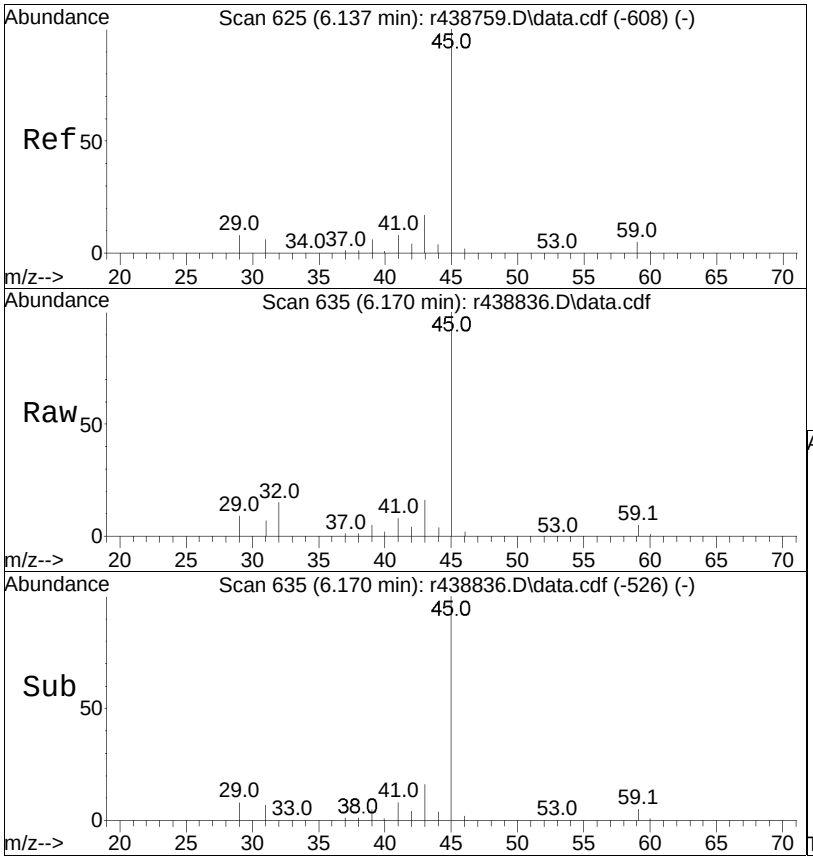


#21
trichlorofluoromethane
Concen: 9.17 ppbV
RT: 6.023 min Scan# 591
Delta R.T. 0.057 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:101 Resp: 439184

Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.0	76.4

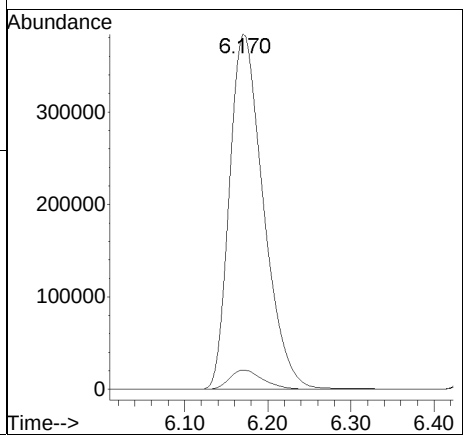


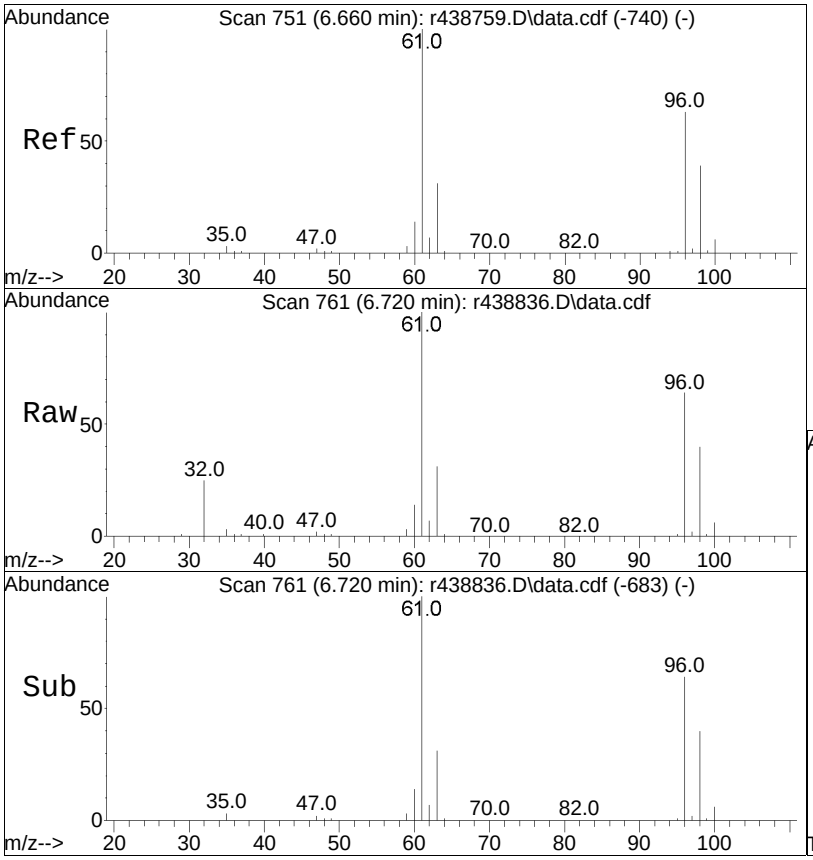


#22
isopropyl alcohol
Concen: 23.16 ppbV
RT: 6.170 min Scan# 635
Delta R.T. 0.033 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 45 Resp: 1091250

Ion	Ratio	Lower	Upper
45	100		
59	5.4	4.2	6.4

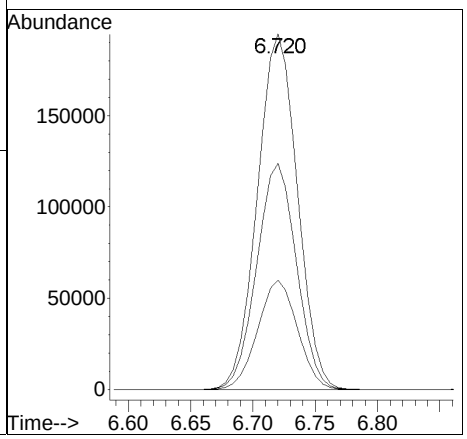


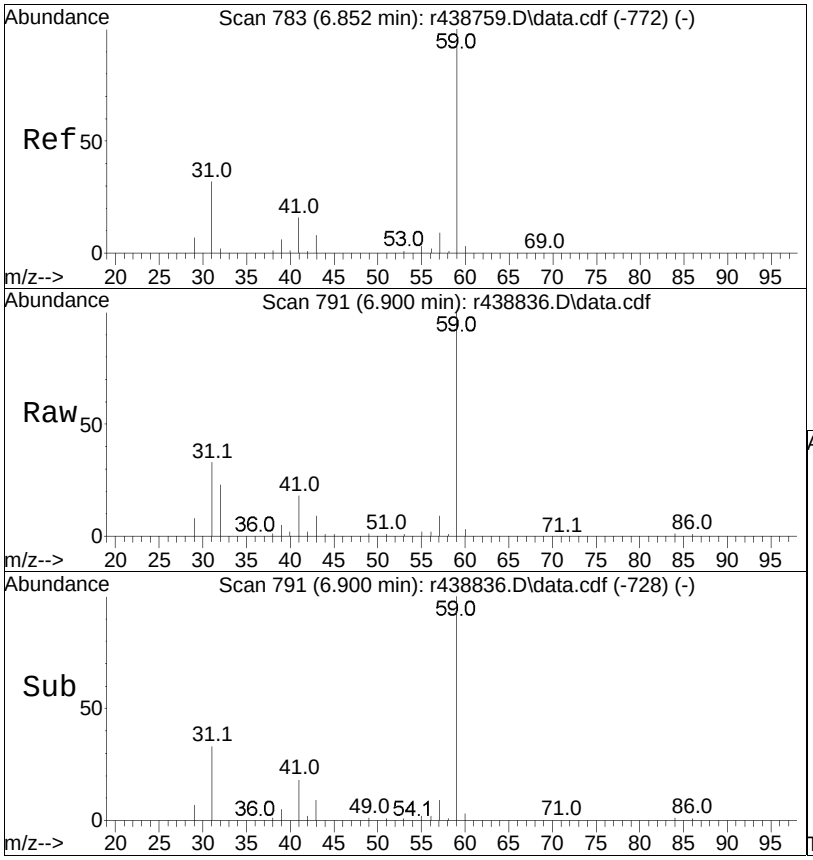


#26
1,1-dichloroethene
Concen: 9.45 ppbV
RT: 6.720 min Scan# 761
Delta R.T. 0.060 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 61 Resp: 435449

Ion	Ratio	Lower	Upper
61	100		
96	63.6	50.3	75.5
63	30.8	24.4	36.6

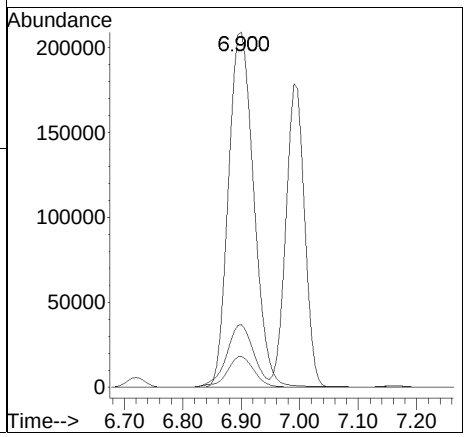


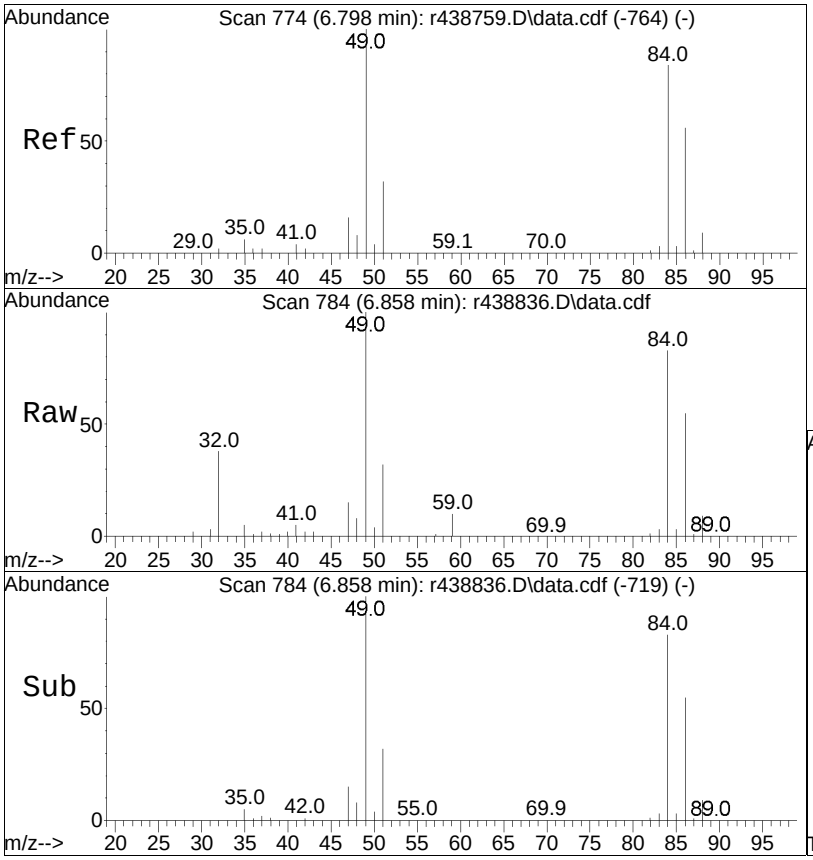


#27
tertiary butyl alcohol
Concen: 8.66 ppbV
RT: 6.900 min Scan# 791
Delta R.T. 0.048 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 59 Resp: 632642

Ion	Ratio	Lower	Upper
59	100		
41	17.7	14.3	21.5
43	8.7	7.0	10.4

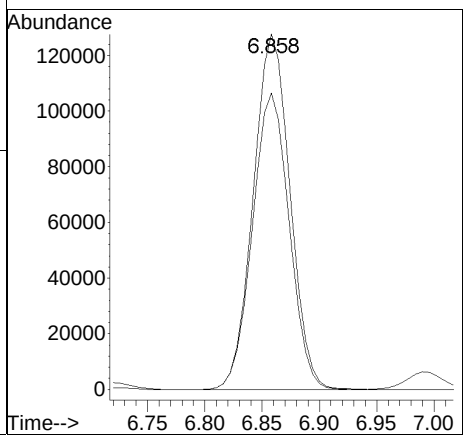


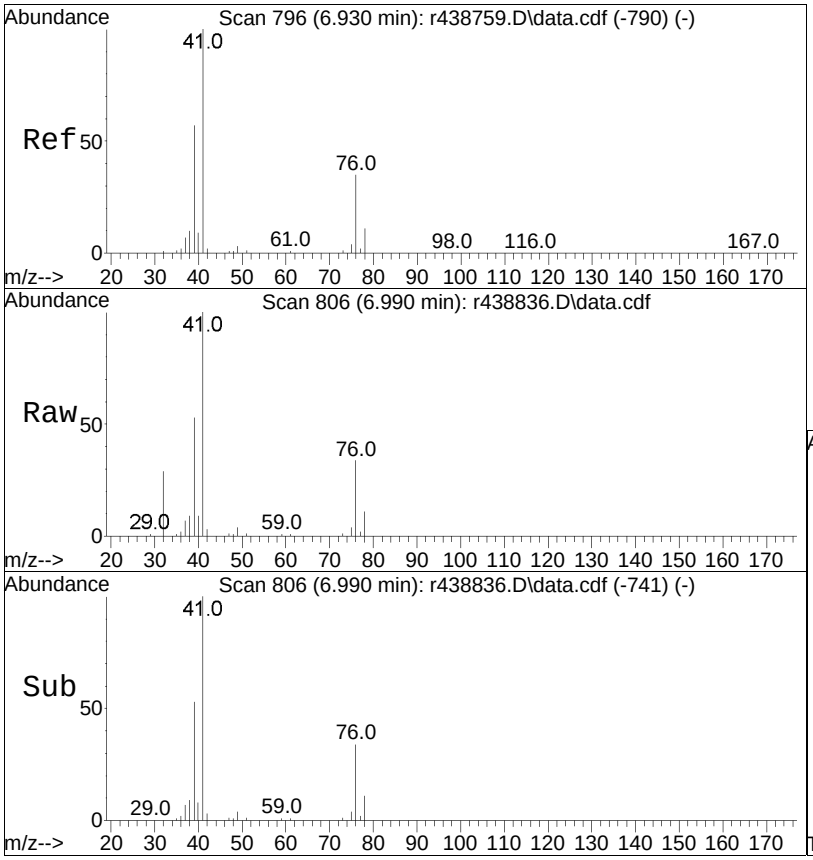


#28
methylene chloride
Concen: 9.83 ppbV
RT: 6.858 min Scan# 784
Delta R.T. 0.060 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 49 Resp: 284686

Ion	Ratio	Lower	Upper
49	100		
84	83.4	67.6	101.4

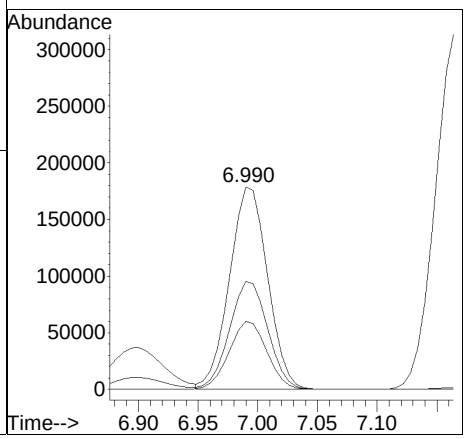


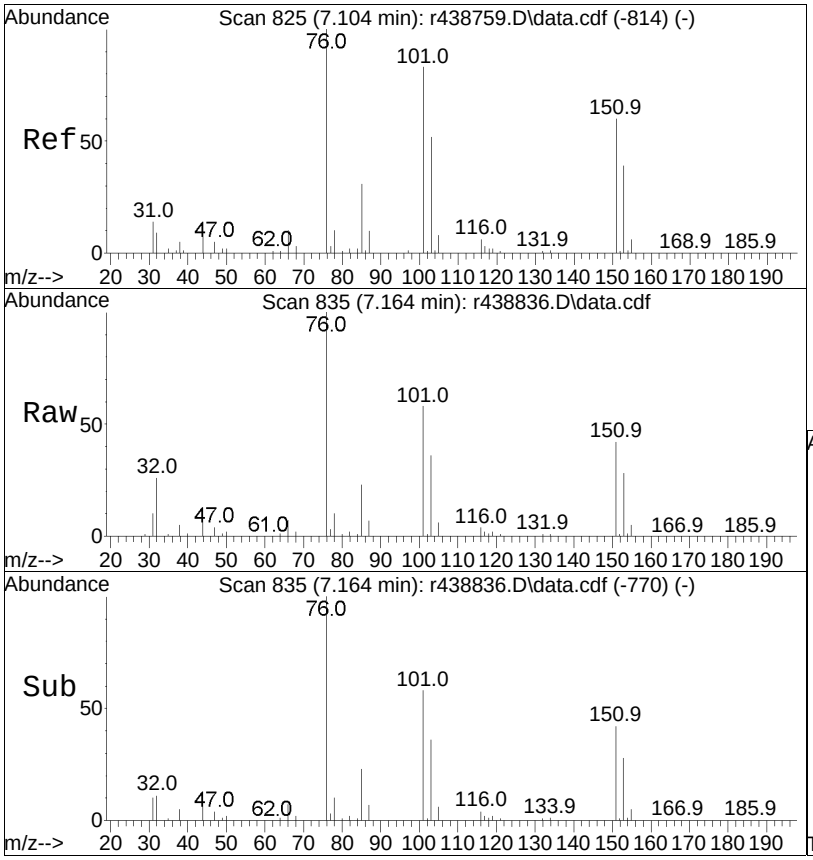


#29
3-chloropropene
Concen: 9.15 ppbV
RT: 6.990 min Scan# 806
Delta R.T. 0.060 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 41 Resp: 398243

Ion	Ratio	Lower	Upper
41	100		
39	53.3	43.8	65.6
76	33.6	25.4	38.0

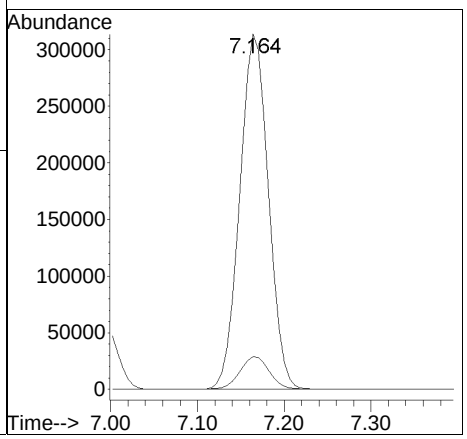


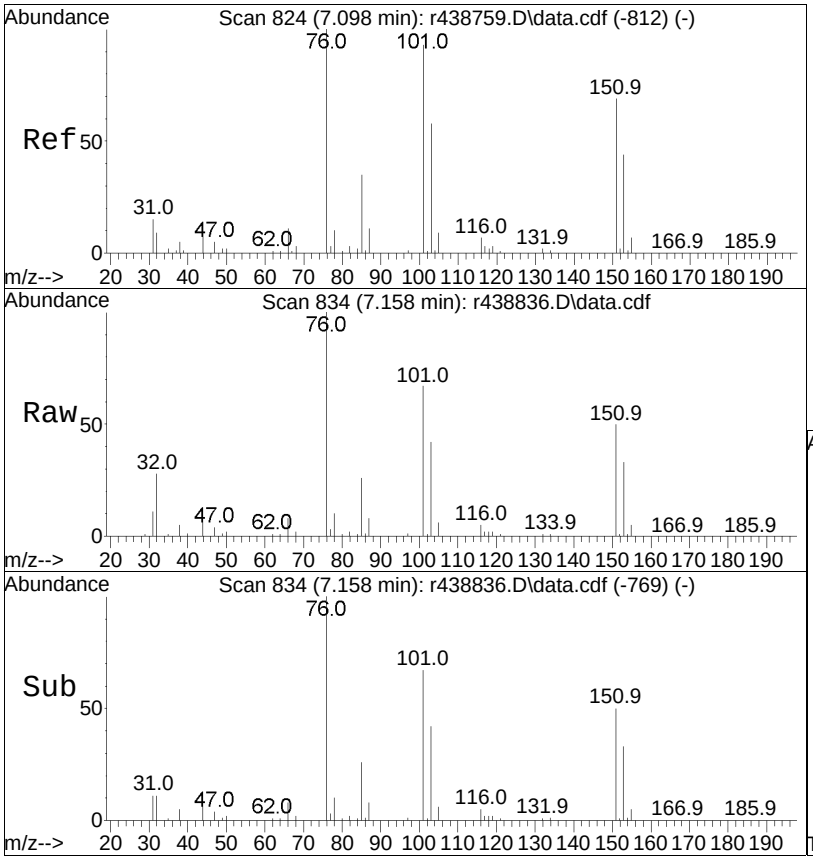


#30
carbon disulfide
Concen: 10.56 ppbV
RT: 7.164 min Scan# 835
Delta R.T. 0.060 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 76 Resp: 720734

Ion	Ratio	Lower	Upper
76	100		
44	9.2	7.6	11.4

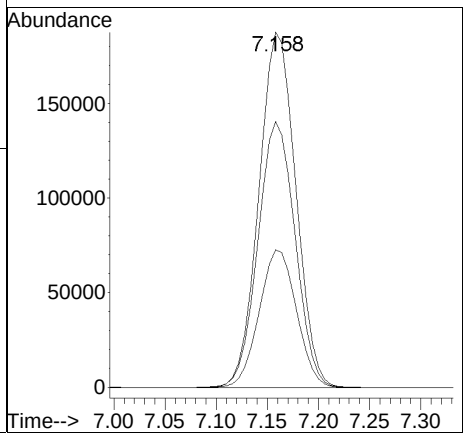


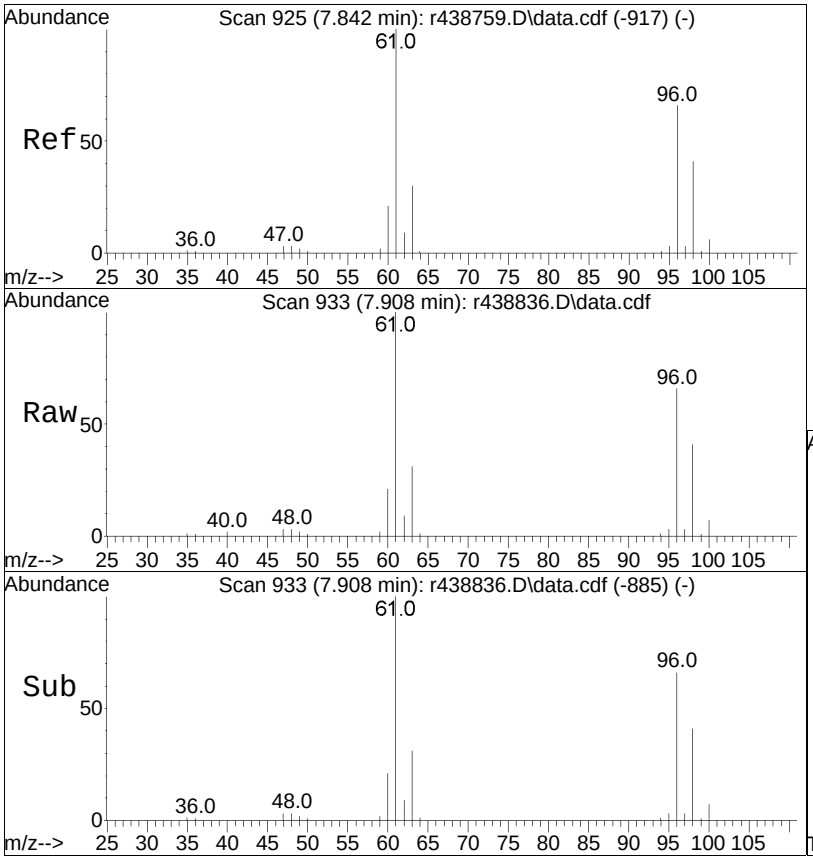


#31
Freon 113
Concen: 9.37 ppbV
RT: 7.158 min Scan# 834
Delta R.T. 0.060 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:101 Resp: 470786

Ion	Ratio	Lower	Upper
101	100		
85	38.7	29.8	44.6
151	74.8	59.2	88.8

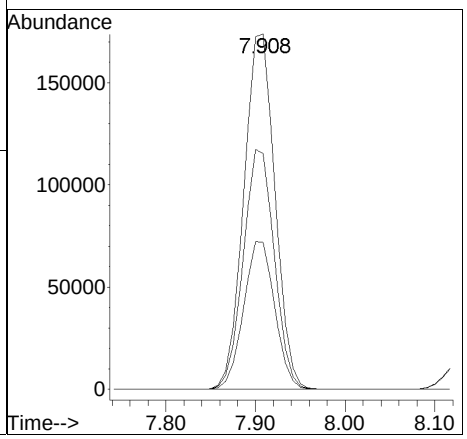


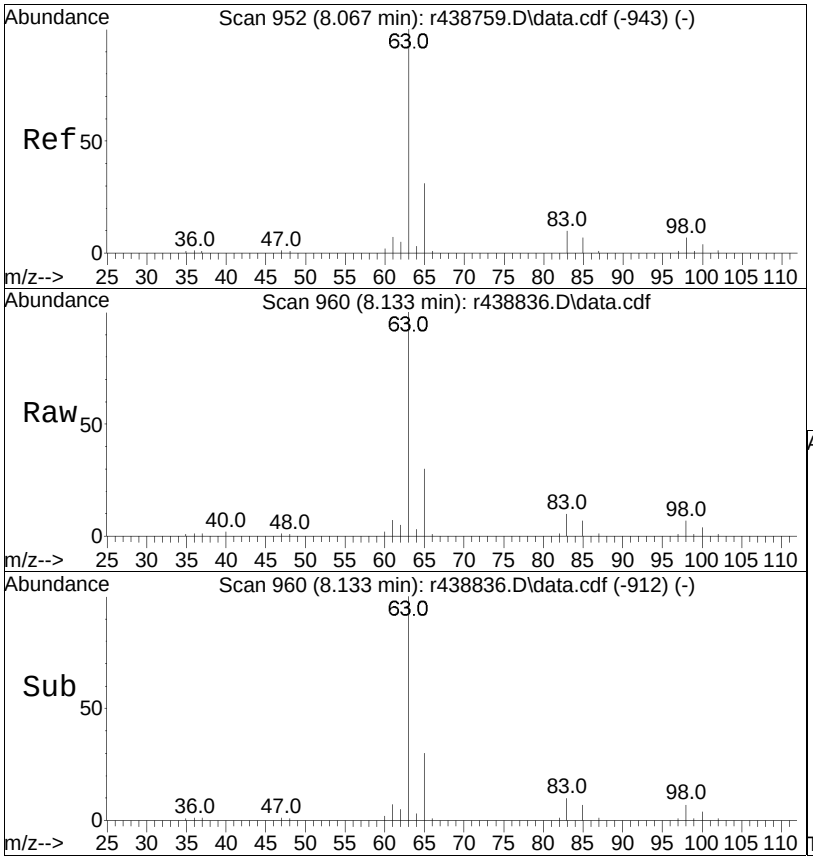


#32
trans-1,2-dichloroethene
Concen: 10.16 ppbV
RT: 7.908 min Scan# 933
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 61 Resp: 421795

Ion	Ratio	Lower	Upper
61	100		
96	66.4	53.0	79.4
98	41.4	32.5	48.7

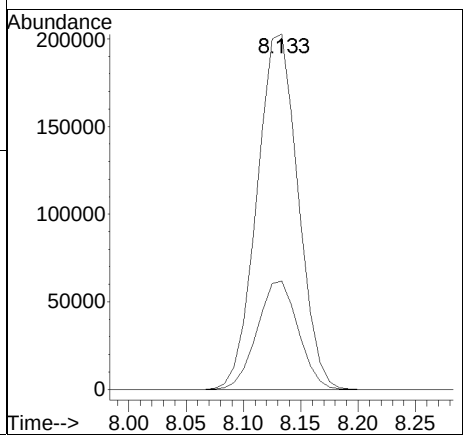


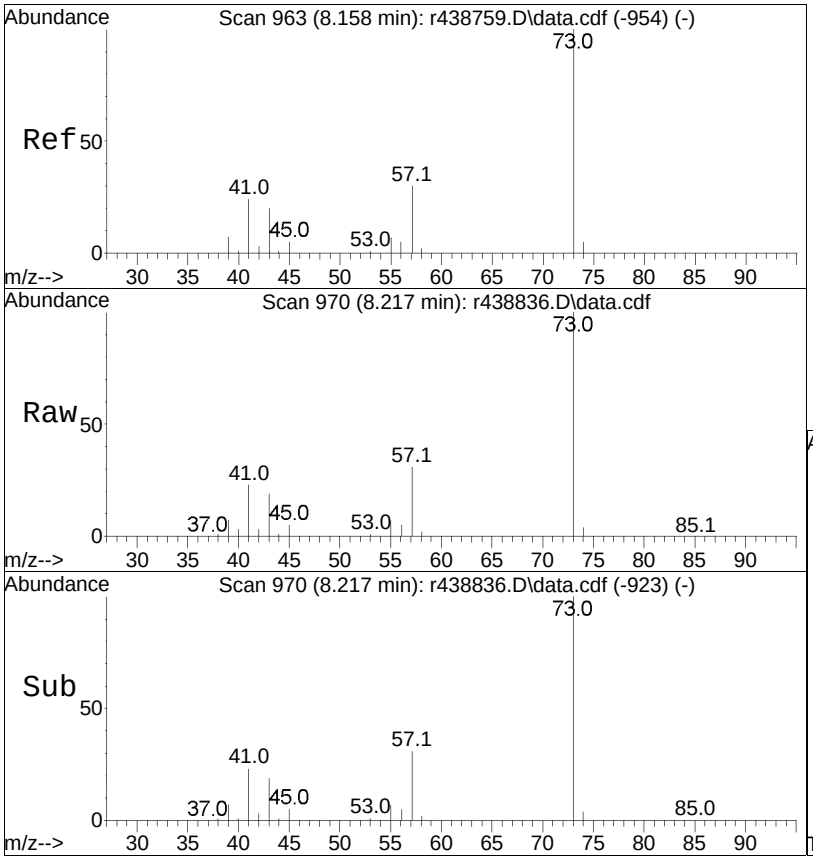


#33
1,1-dichloroethane
Concen: 8.74 ppbV
RT: 8.133 min Scan# 960
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 63 Resp: 506239

Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.5	36.7

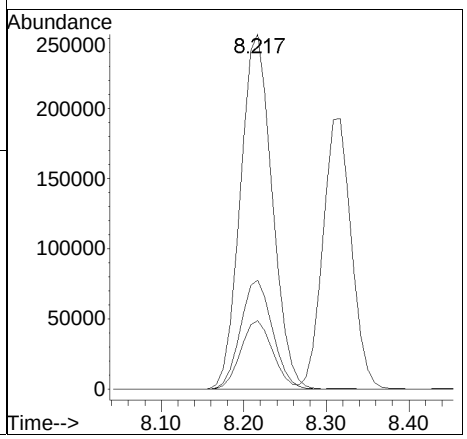


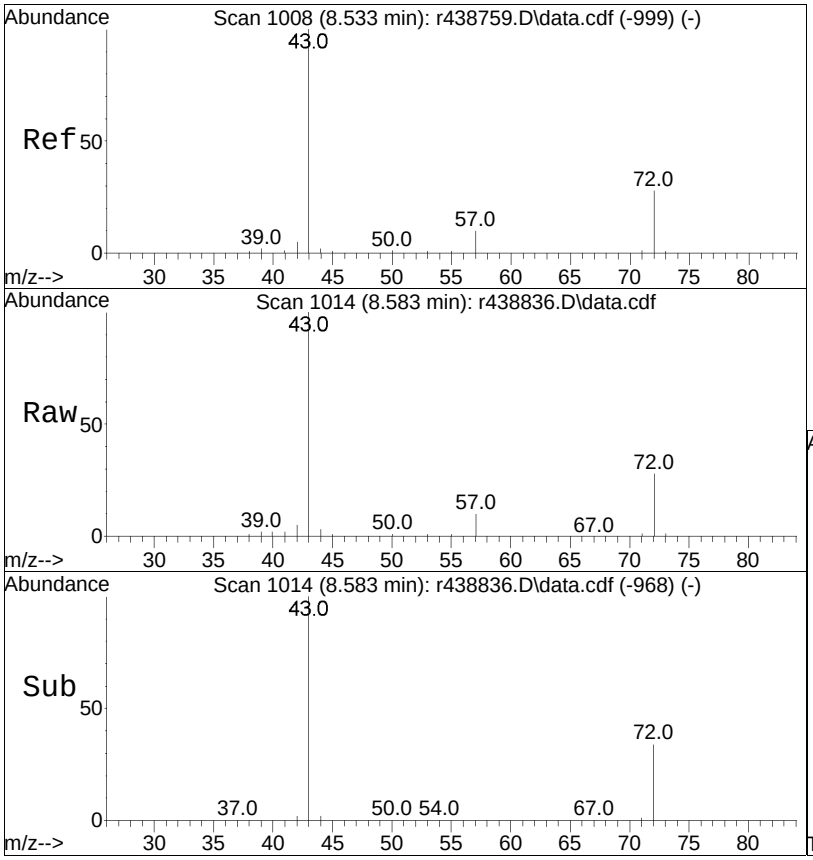


#34
MTBE
Concen: 10.41 ppbV
RT: 8.217 min Scan# 970
Delta R.T. 0.058 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 73 Resp: 678116

Ion	Ratio	Lower	Upper
73	100		
57	30.7	24.2	36.2
43	19.3	15.8	23.8

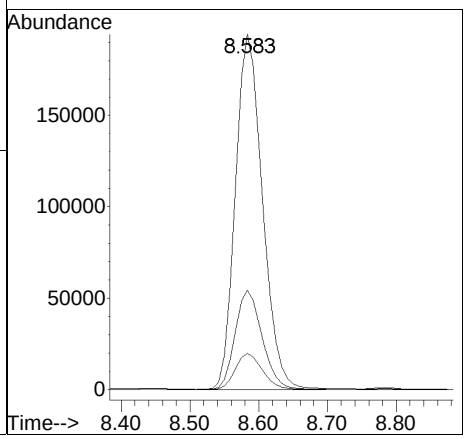


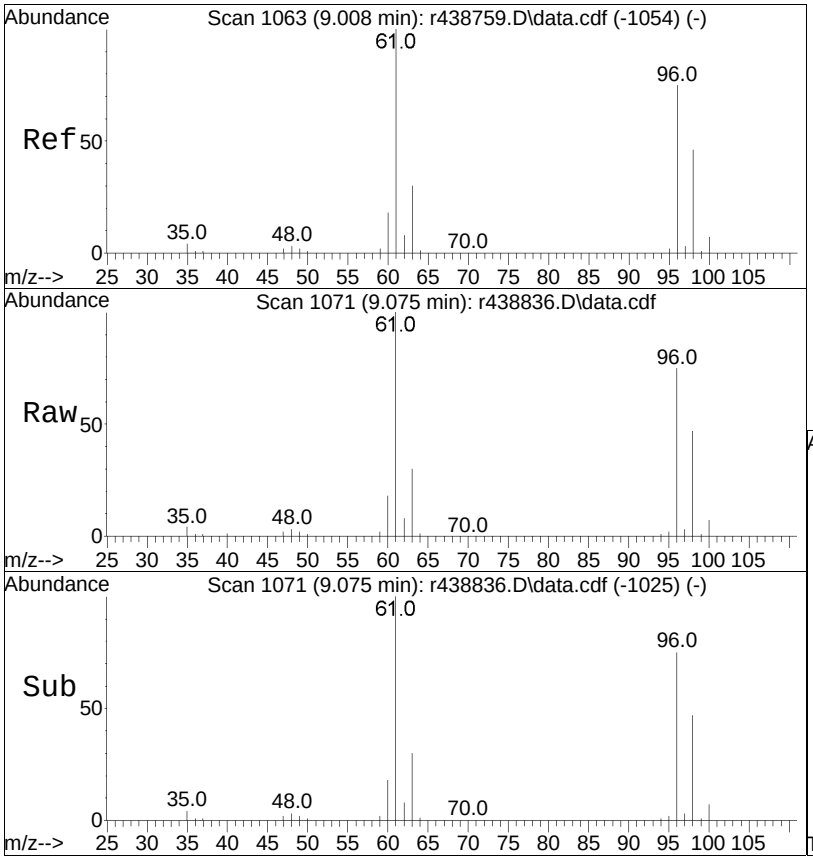


#36
2-butanone
Concen: 9.94 ppbV
RT: 8.583 min Scan# 1014
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 43 Resp: 571092

Ion	Ratio	Lower	Upper
43	100		
72	28.0	22.2	33.2
57	10.1	7.9	11.9

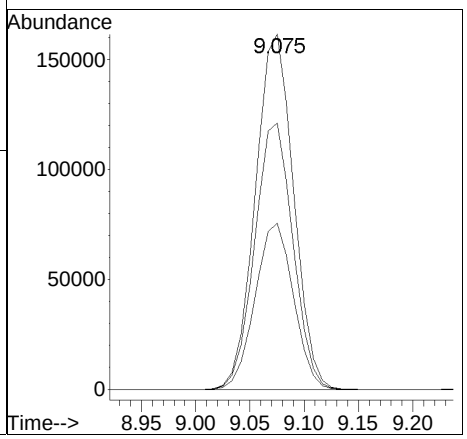


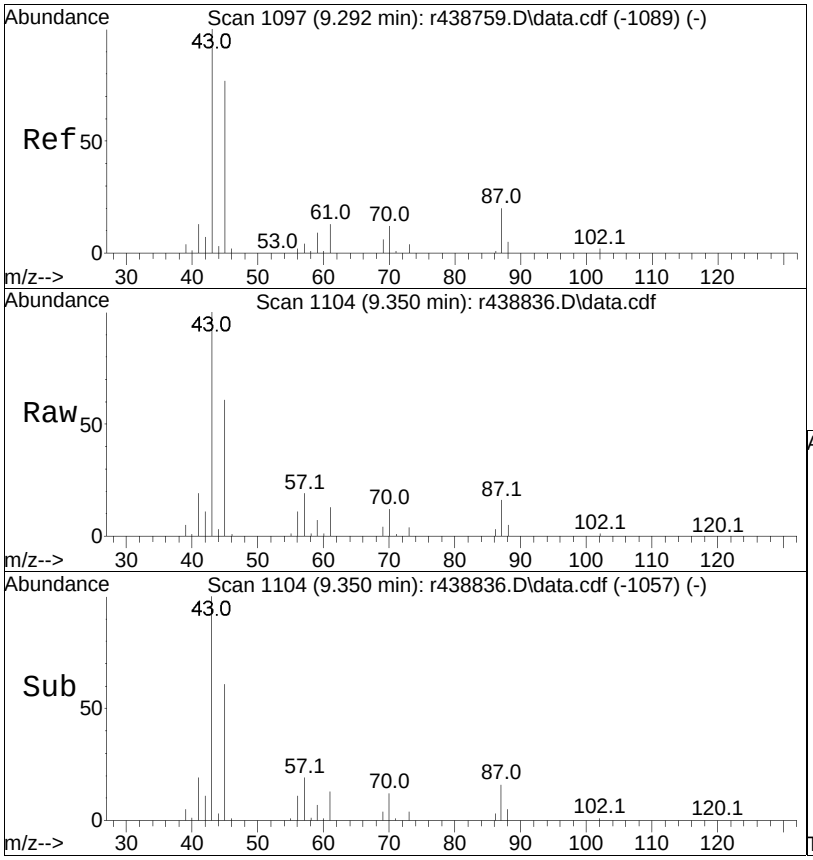


#37
cis-1,2-dichloroethene
Concen: 8.90 ppbV
RT: 9.075 min Scan# 1071
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 61 Resp: 396269

Ion	Ratio	Lower	Upper
61	100		
96	75.0	59.7	89.5
98	46.7	37.0	55.4

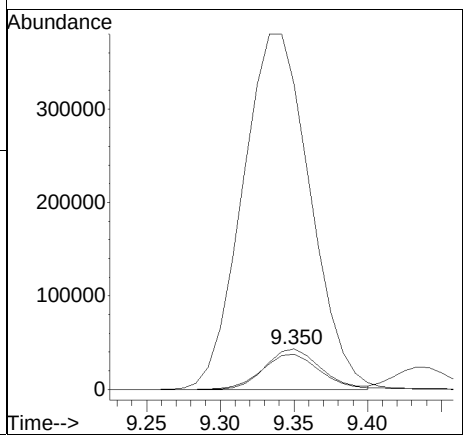


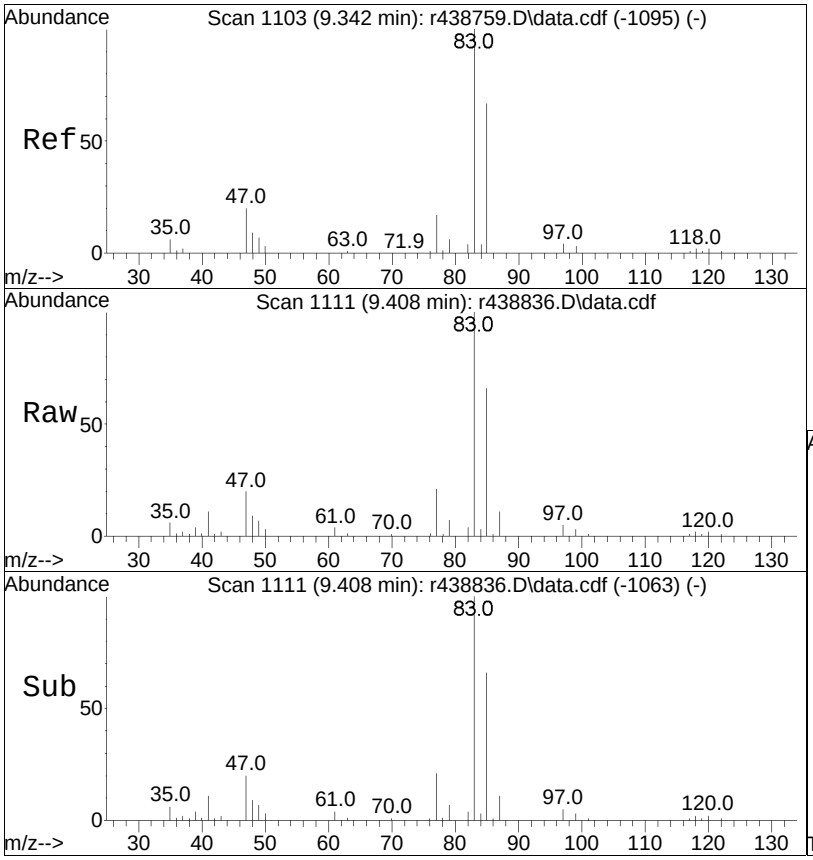


#38
Ethyl Acetate
Concen: 8.32 ppbV
RT: 9.350 min Scan# 1104
Delta R.T. 0.058 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 61 Resp: 113600

Ion	Ratio	Lower	Upper
61	100		
70	87.1	71.0	106.6
43	753.9	625.8	938.6

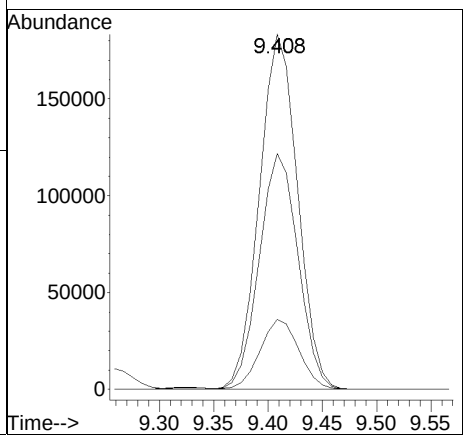


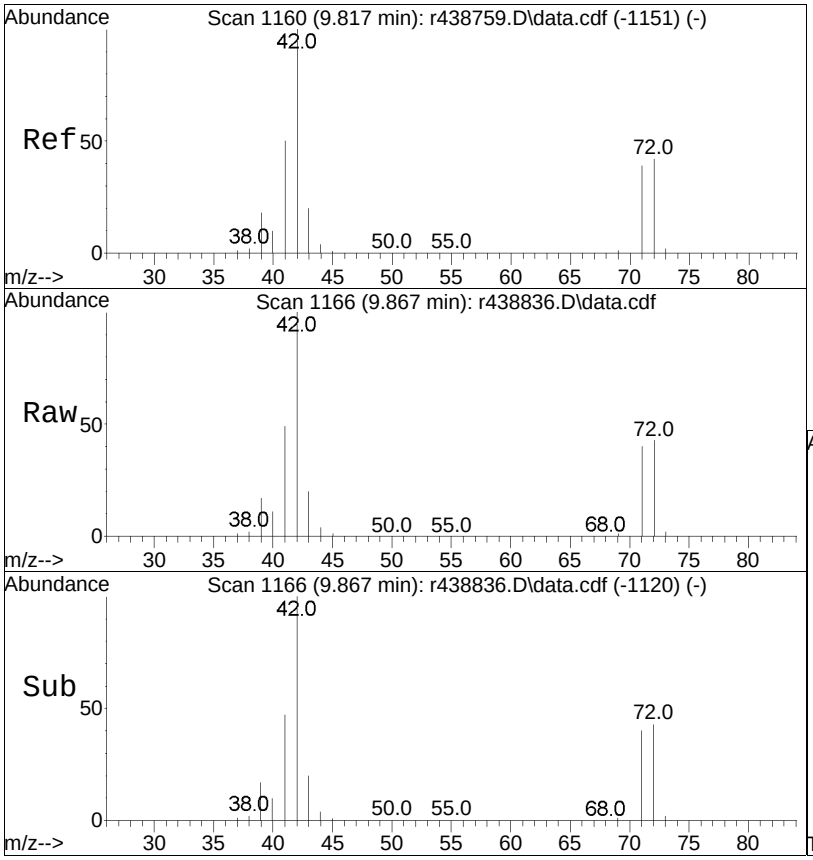


#39
chloroform
Concen: 9.44 ppbV
RT: 9.408 min Scan# 1111
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 83 Resp: 450339

Ion	Ratio	Lower	Upper
83	100		
85	66.4	53.7	80.5
47	19.7	16.0	24.0

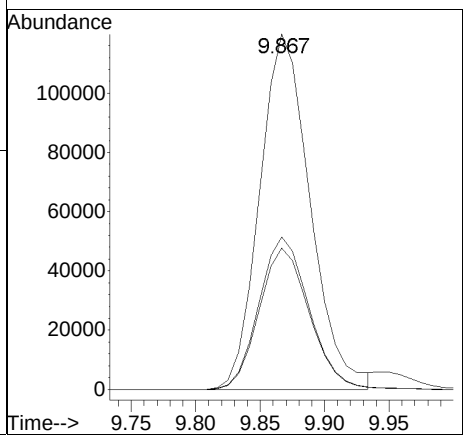


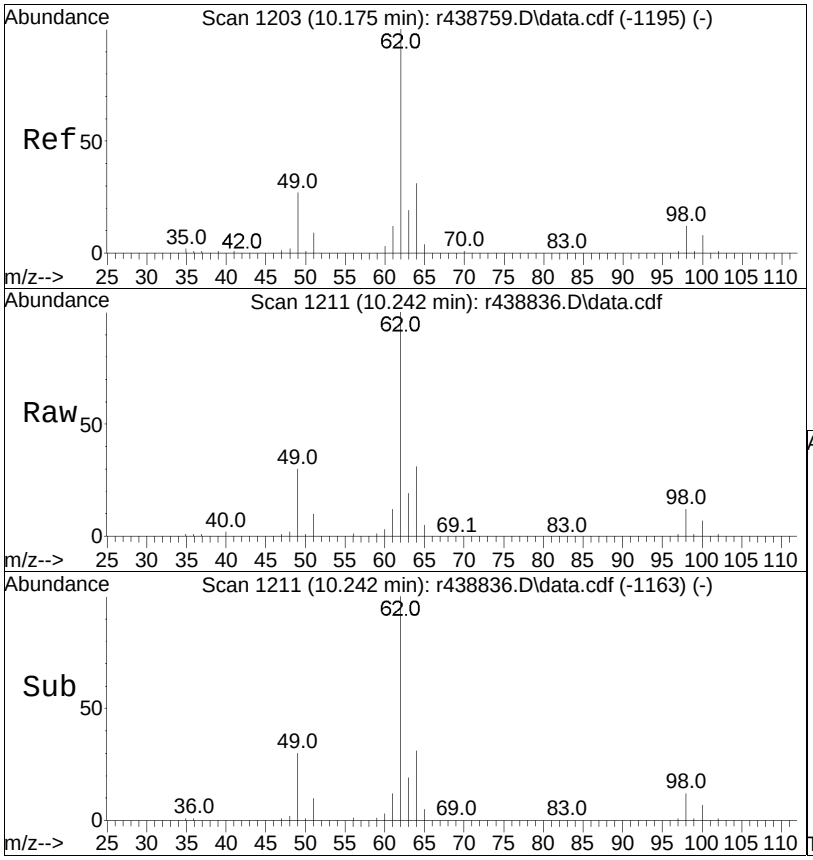


#40
Tetrahydrofuran
Concen: 10.88 ppbV
RT: 9.867 min Scan# 1166
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 42 Resp: 326536

Ion	Ratio	Lower	Upper
42	100		
71	39.8	31.2	46.8
72	42.9	33.8	50.8

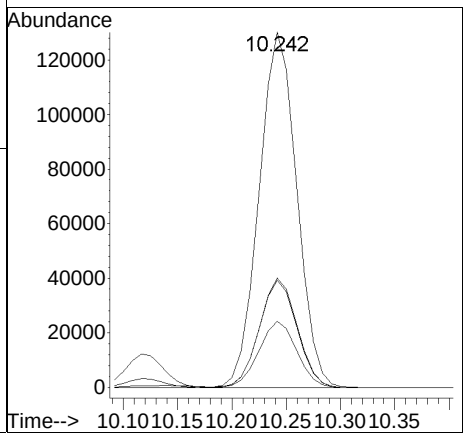


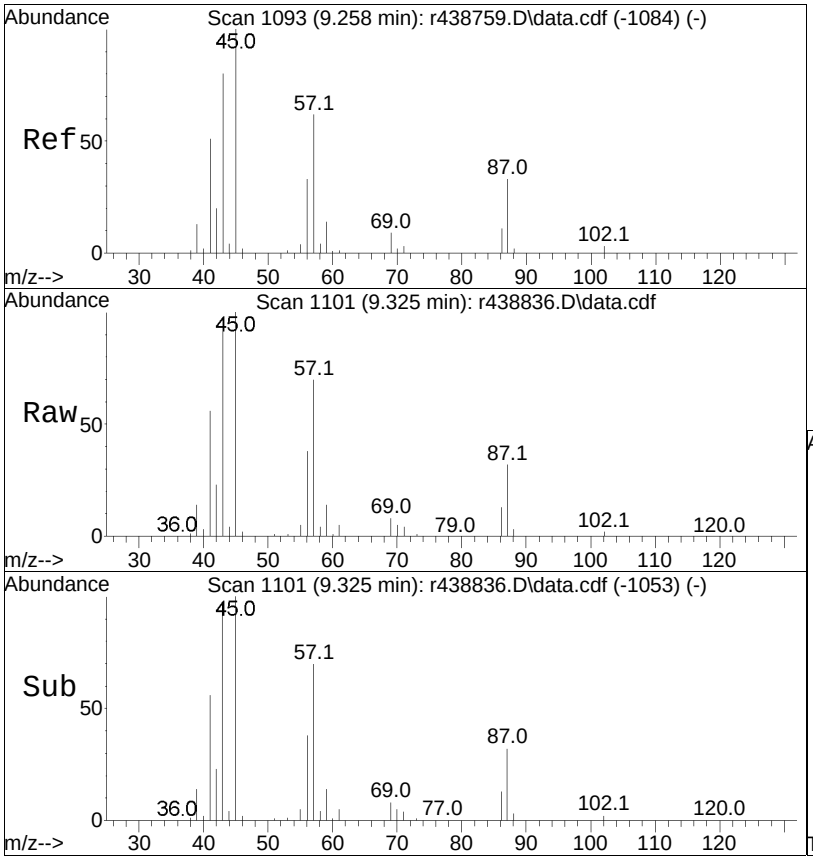


#42
1,2-dichloroethane
Concen: 8.53 ppbV
RT: 10.242 min Scan# 1211
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 62 Resp: 313677

Ion	Ratio	Lower	Upper
62	100		
64	30.8	25.0	37.4
49	30.2	22.0	33.0
63	18.6	14.9	22.3

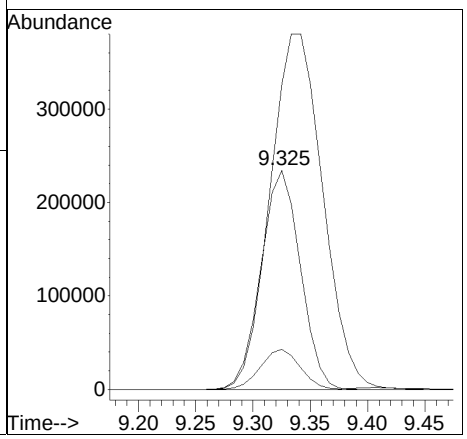


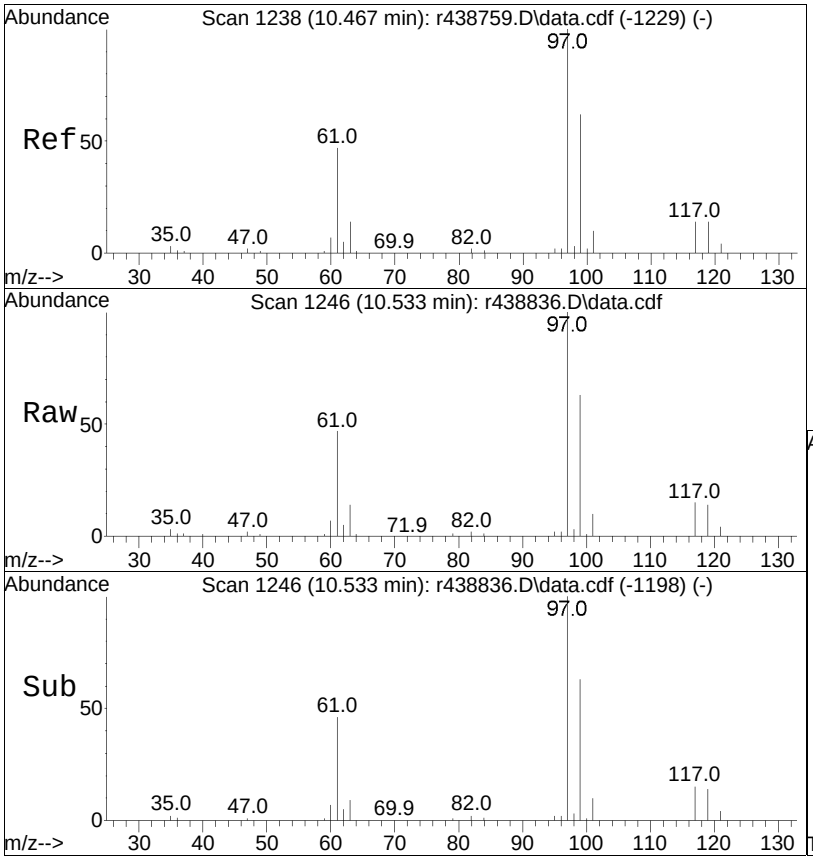


#44
hexane
Concen: 12.56 ppbV
RT: 9.325 min Scan# 1101
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 57 Resp: 561528

Ion	Ratio	Lower	Upper
57	100		
43	139.1	102.6	153.8
86	18.4	14.5	21.7

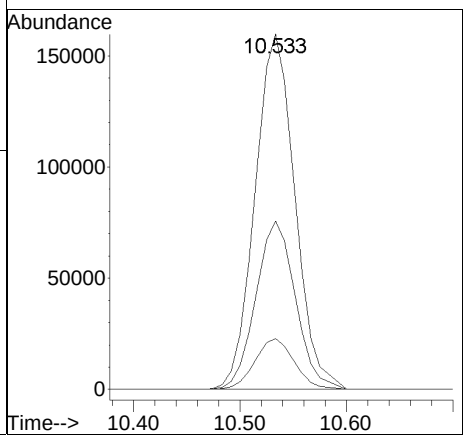


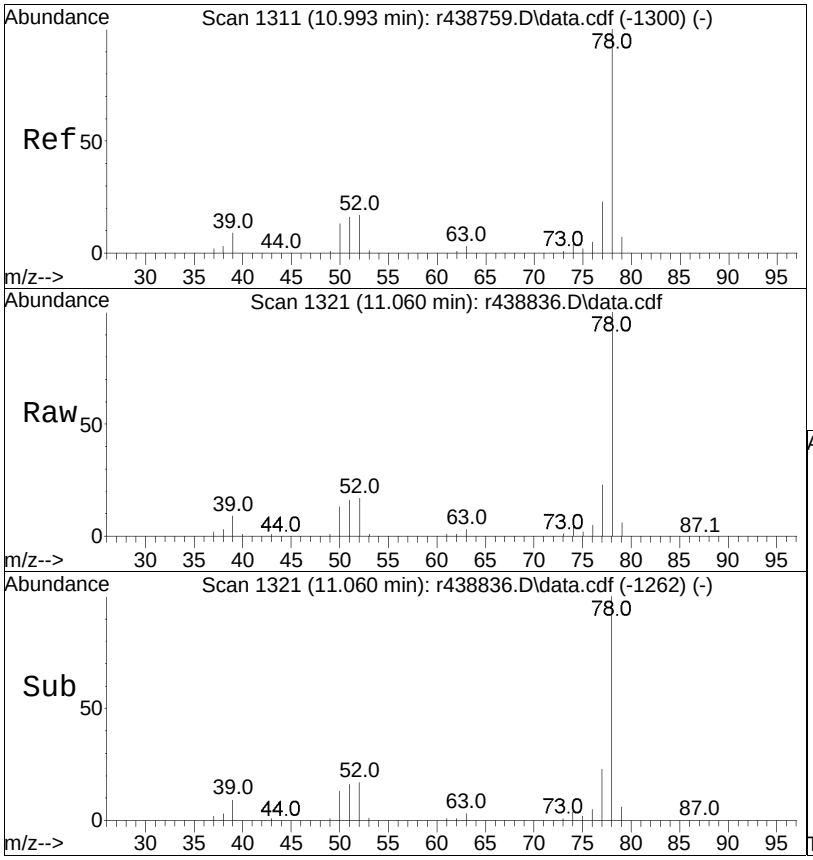


#48
1,1,1-trichloroethane
Concen: 10.81 ppbV
RT: 10.533 min Scan# 1246
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 97 Resp: 442996

Ion	Ratio	Lower	Upper
97	100		
61	47.4	37.9	56.9
119	14.3	10.8	16.2

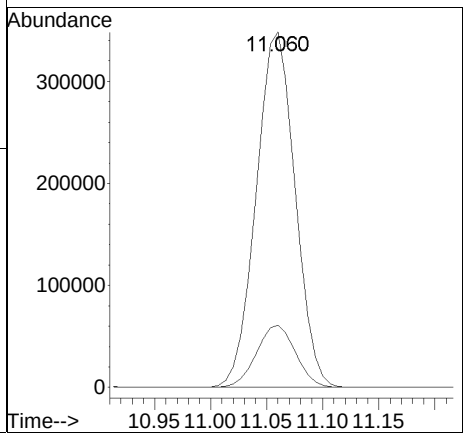


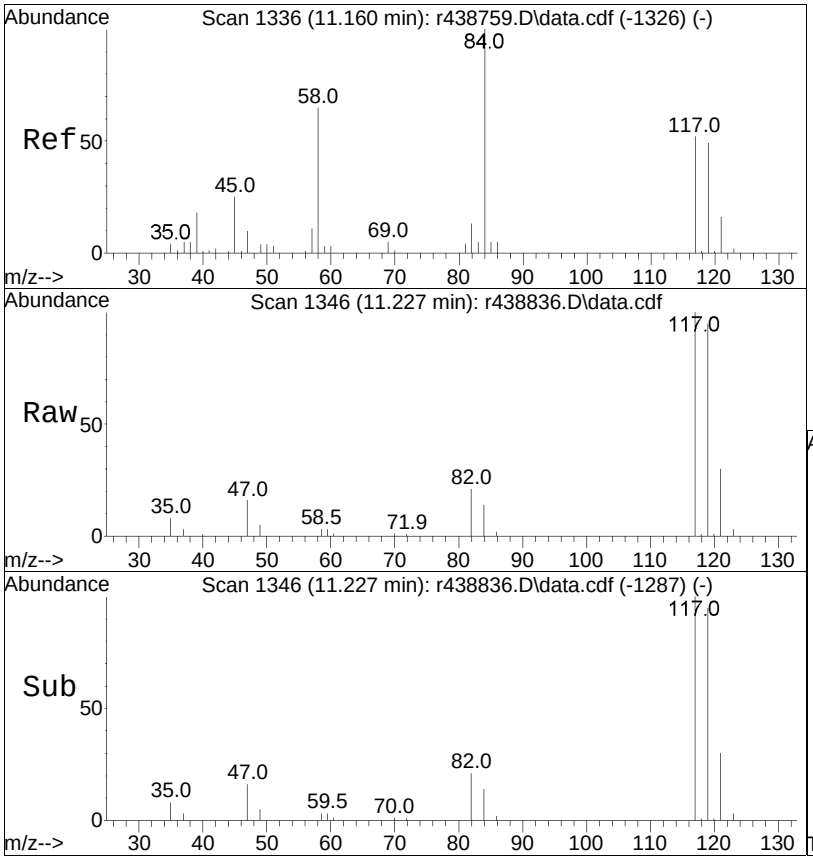


#50
benzene
Concen: 10.12 ppbV
RT: 11.060 min Scan# 1321
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 78 Resp: 839700

Ion	Ratio	Lower	Upper
78	100		
52	17.5	13.4	20.2

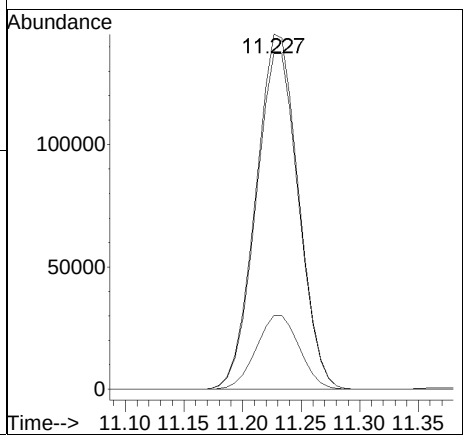


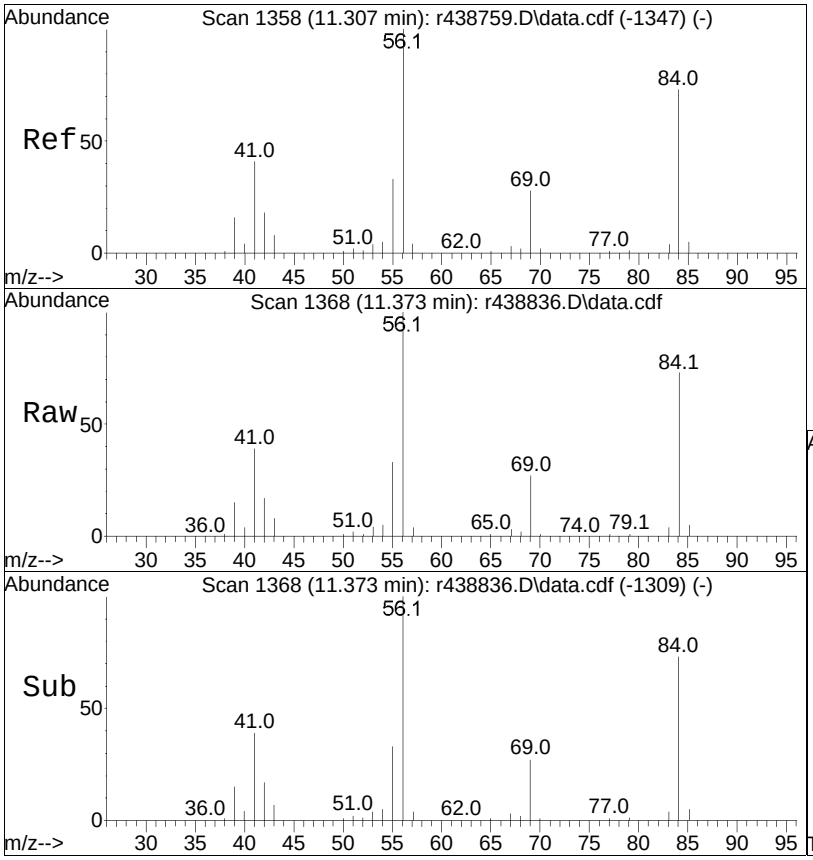


#52
carbon tetrachloride
Concen: 10.60 ppbV
RT: 11.227 min Scan# 1346
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:117 Resp: 367915

Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.7	113.5
82	20.8	19.8	29.8

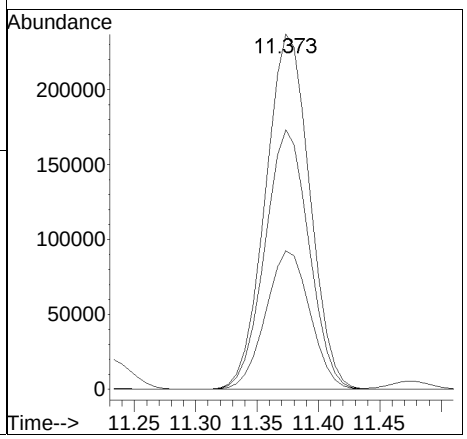


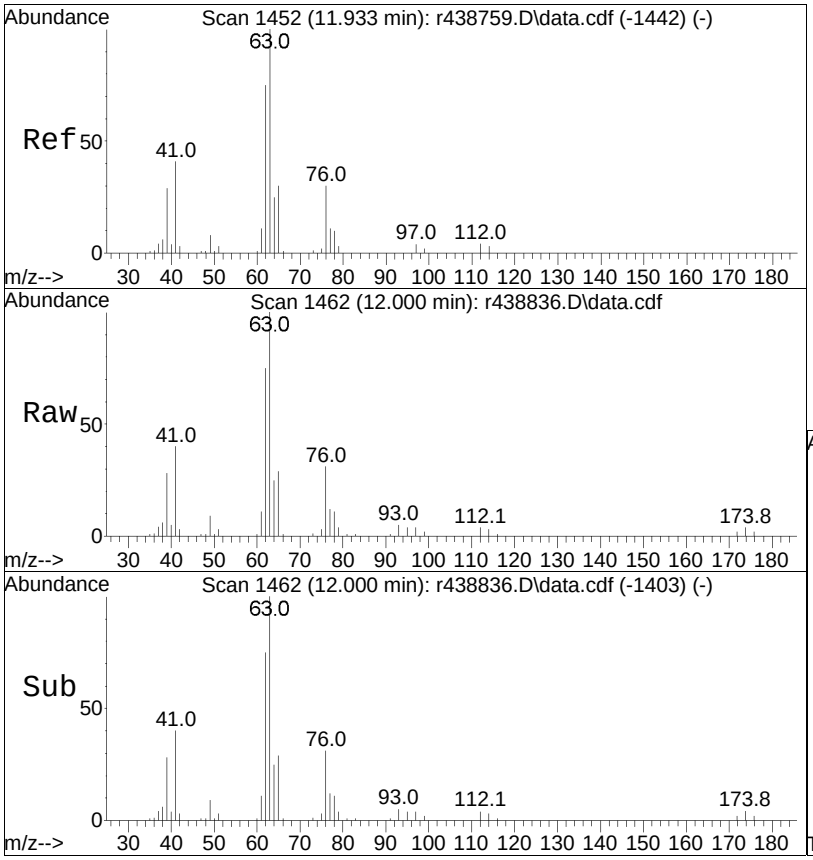


#53
cyclohexane
Concen: 12.16 ppbV
RT: 11.373 min Scan# 1368
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 56 Resp: 595829

Ion	Ratio	Lower	Upper
56	100		
84	73.1	58.6	88.0
41	39.0	32.6	49.0

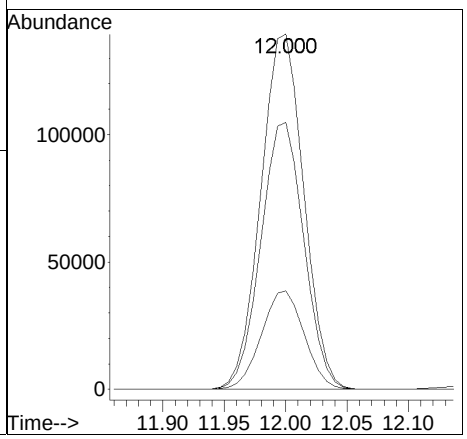


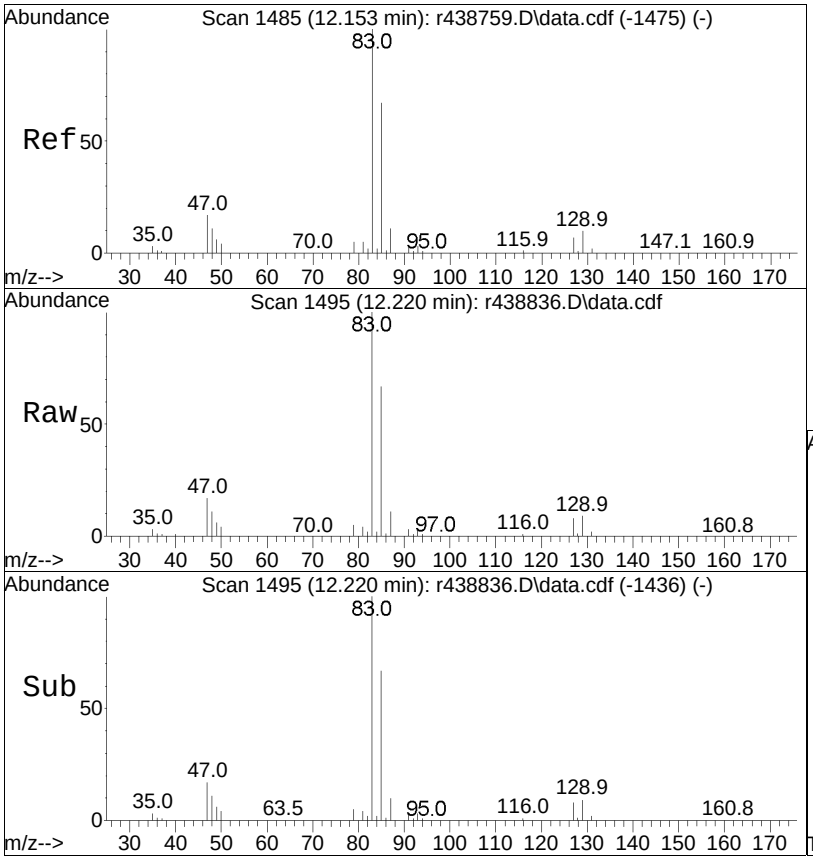


#56
1,2-dichloropropane
Concen: 9.87 ppbV
RT: 12.000 min Scan# 1462
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 63 Resp: 339964

Ion	Ratio	Lower	Upper
63	100		
62	75.1	60.3	90.5
39	27.7	22.9	34.3

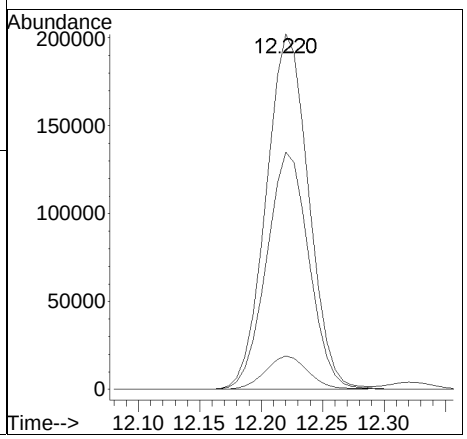


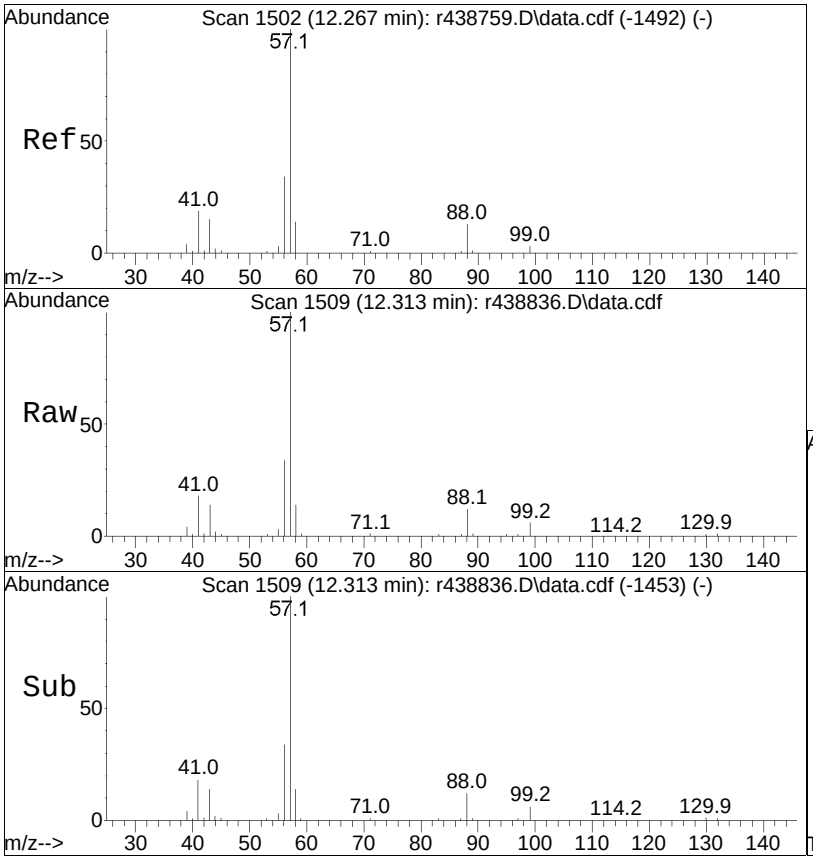


#57
bromodichloromethane
Concen: 12.35 ppbV
RT: 12.220 min Scan# 1495
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 83 Resp: 487270

Ion	Ratio	Lower	Upper
83	100		
85	66.8	53.2	79.8
129	9.4	7.8	11.6

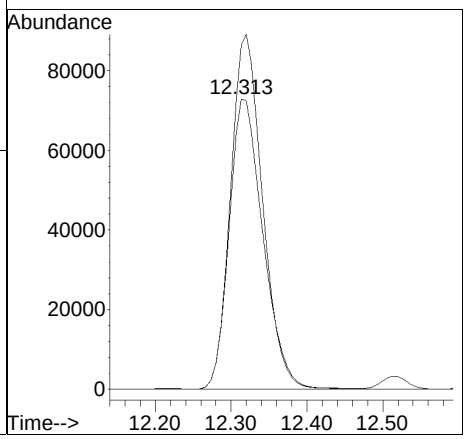


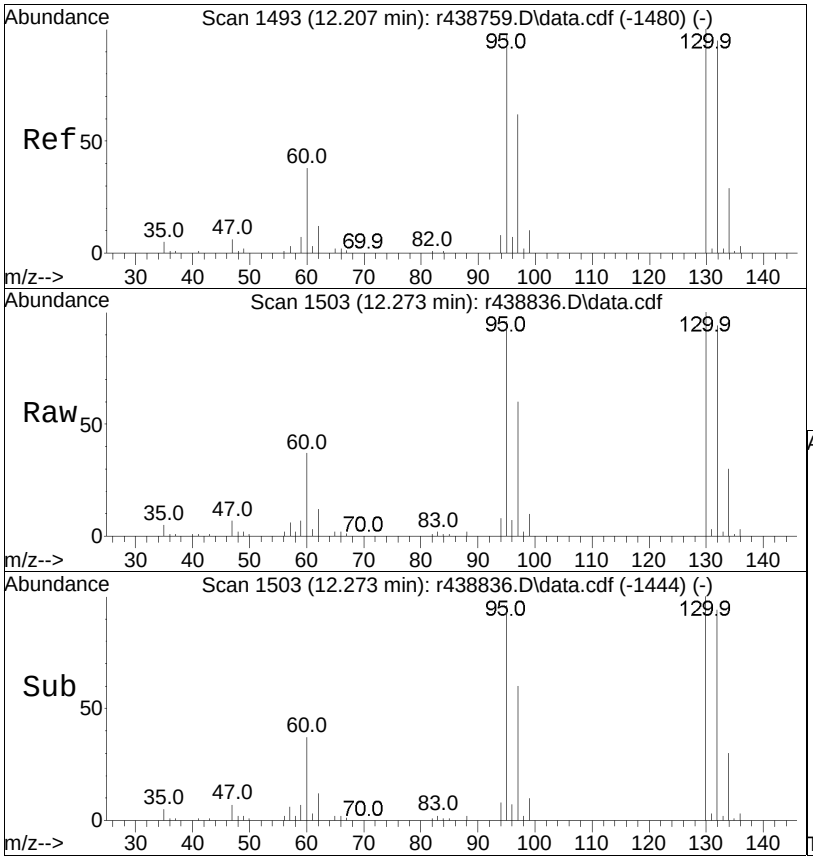


#58
1,4-dioxane
Concen: 12.14 ppbV
RT: 12.313 min Scan# 1509
Delta R.T. 0.047 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 88 Resp: 227098

Ion	Ratio	Lower	Upper
88	100		
58	118.6	91.7	137.5

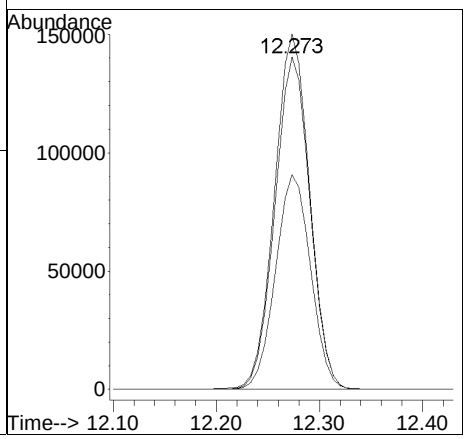


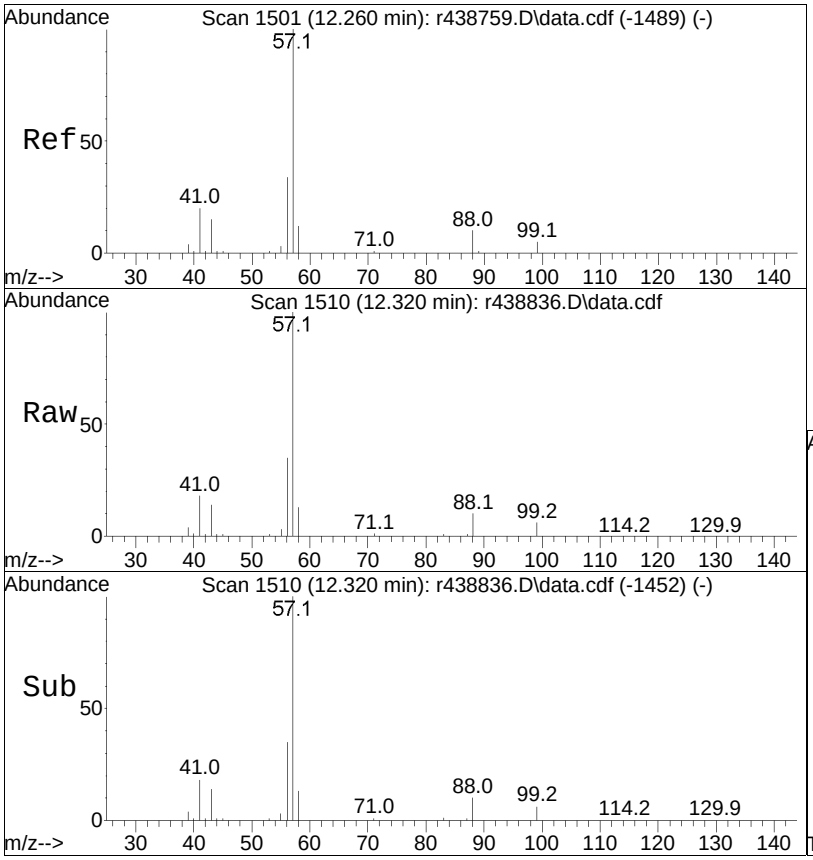


#59
trichloroethene
Concen: 10.29 ppbV
RT: 12.273 min Scan# 1503
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:130 Resp: 355958

Ion	Ratio	Lower	Upper
130	100		
132	93.5	75.8	113.8
97	60.5	49.4	74.0

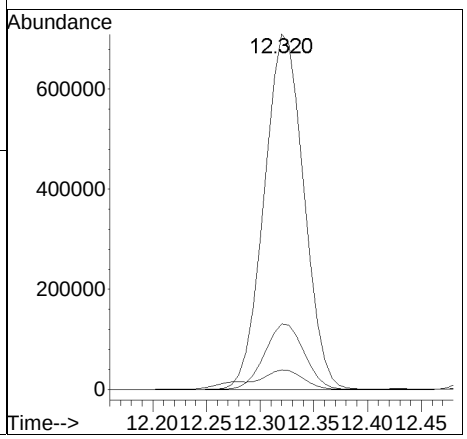


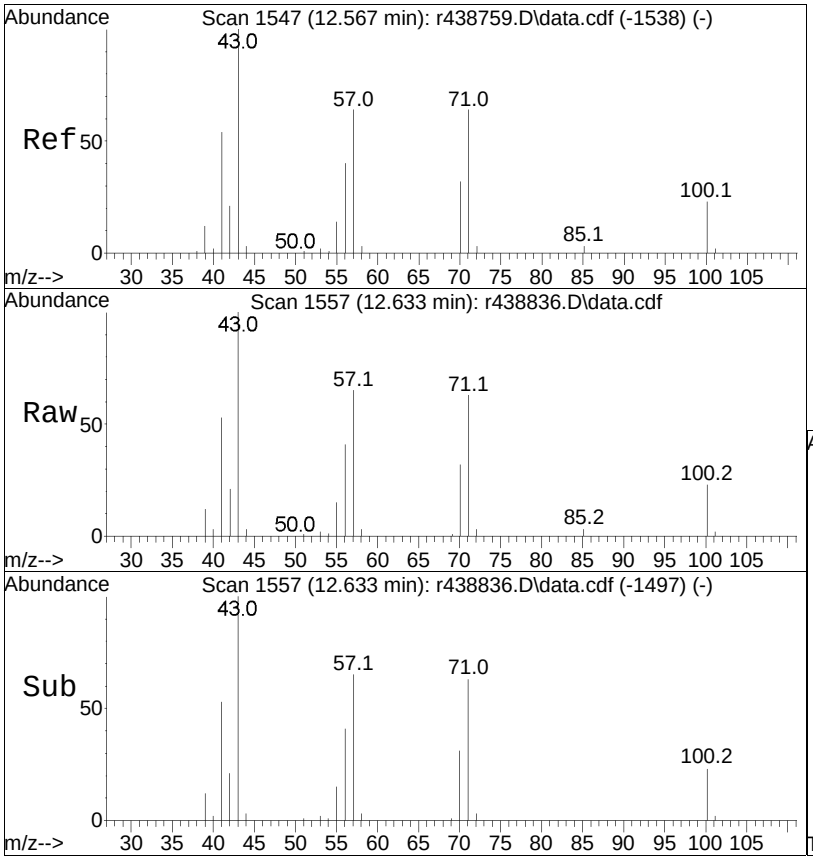


#60
2,2,4-trimethylpentane
Concen: 12.46 ppbV
RT: 12.320 min Scan# 1510
Delta R.T. 0.060 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 57 Resp: 1820614

Ion	Ratio	Lower	Upper
57	100		
99	5.5	4.5	6.7
41	18.4	15.6	23.4

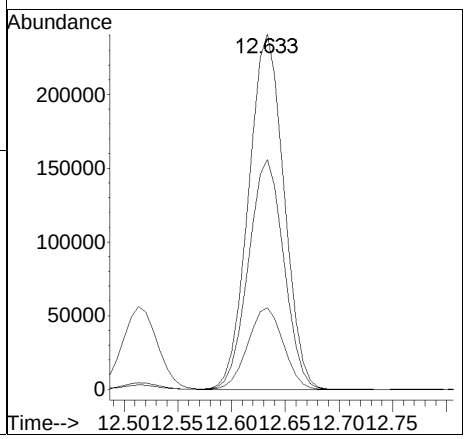


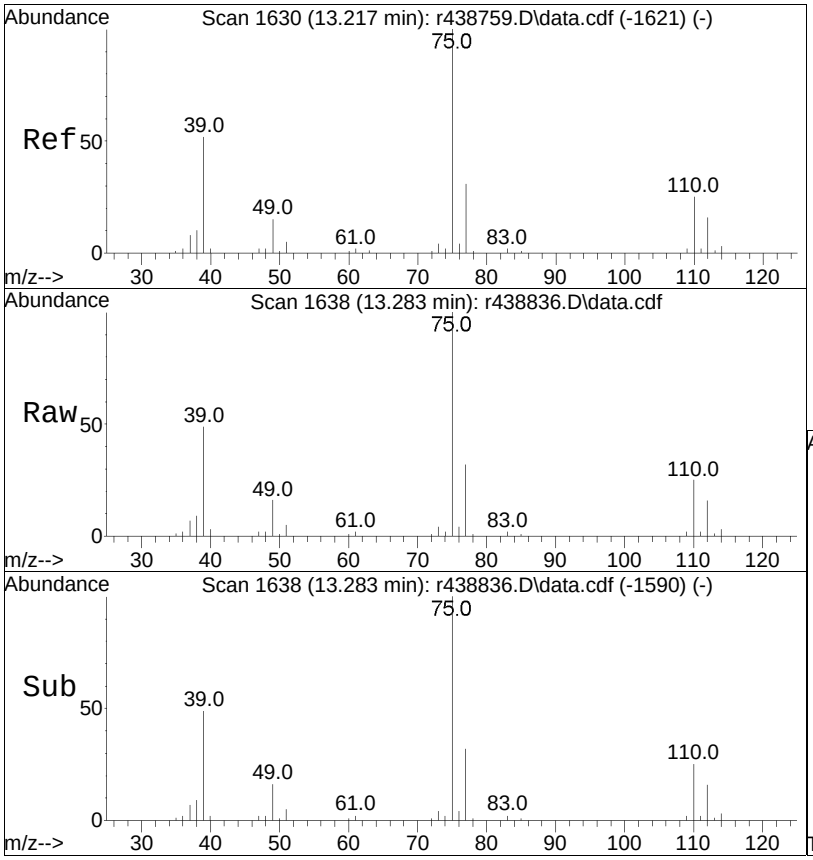


#62
heptane
Concen: 11.89 ppbV
RT: 12.633 min Scan# 1557
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 43 Resp: 552810

Ion	Ratio	Lower	Upper
43	100		
57	64.7	51.4	77.2
100	23.0	19.0	28.4

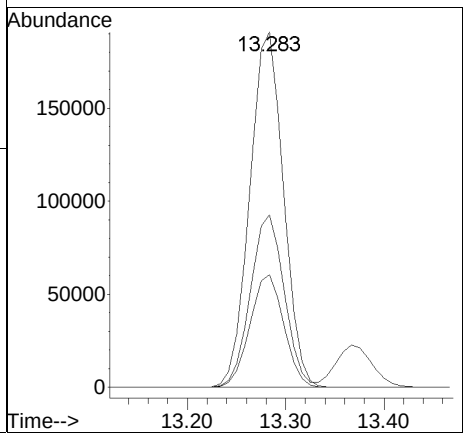


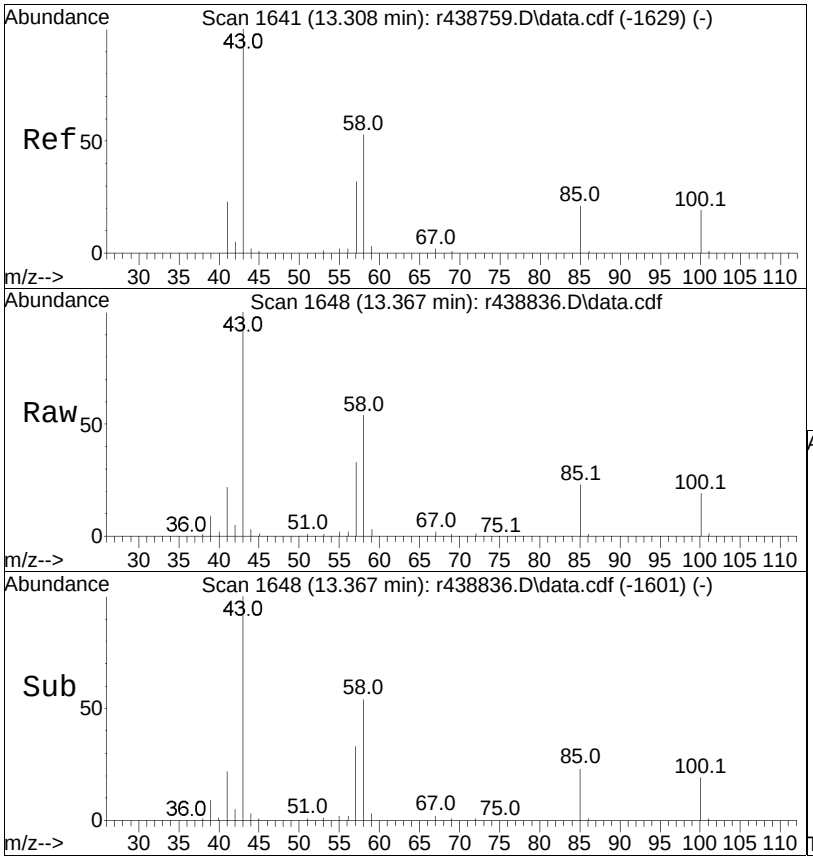


#63
cis-1,3-dichloropropene
Concen: 10.86 ppbV
RT: 13.283 min Scan# 1638
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 75 Resp: 455856

Ion	Ratio	Lower	Upper
75	100		
39	48.6	41.8	62.8
77	31.8	25.1	37.7

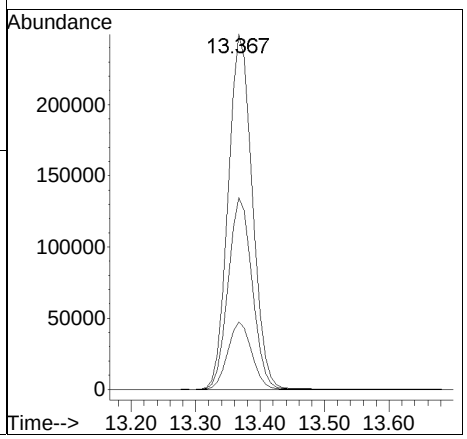


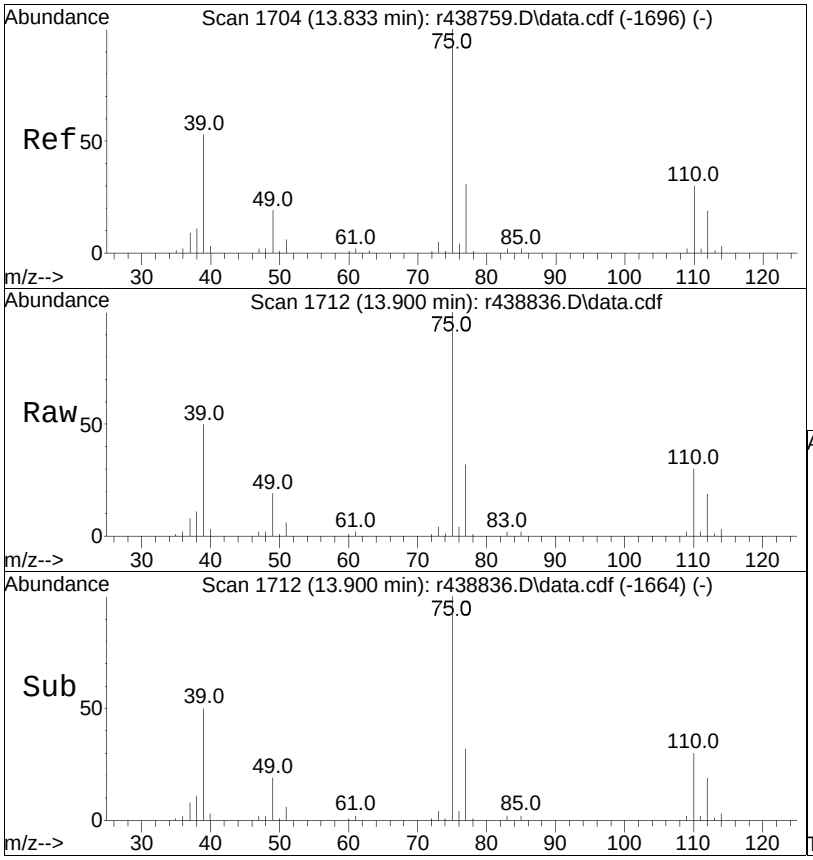


#64
4-methyl-2-pentanone
Concen: 11.51 ppbV
RT: 13.367 min Scan# 1648
Delta R.T. 0.058 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 43 Resp: 650843

Ion	Ratio	Lower	Upper
43	100		
58	54.0	42.5	63.7
100	19.0	15.4	23.2

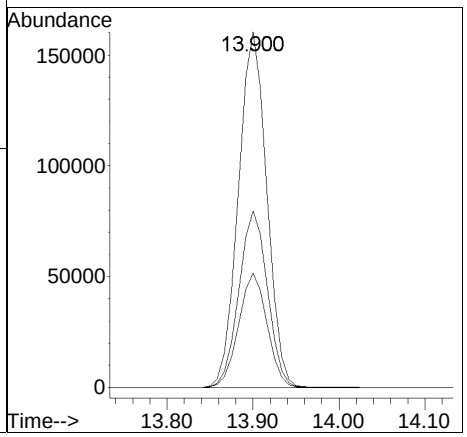


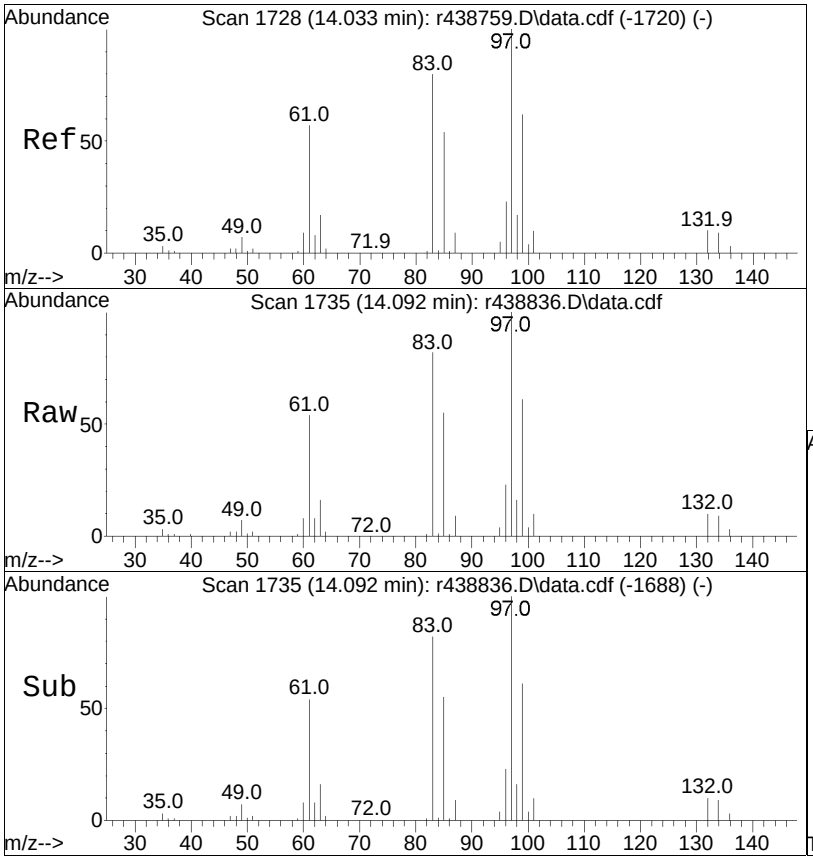


#65
trans-1,3-dichloropropene
Concen: 11.33 ppbV
RT: 13.900 min Scan# 1712
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 75 Resp: 368415

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.0	37.4
39	49.7	42.4	63.6

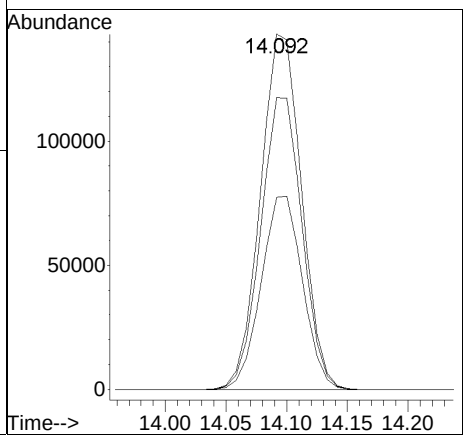


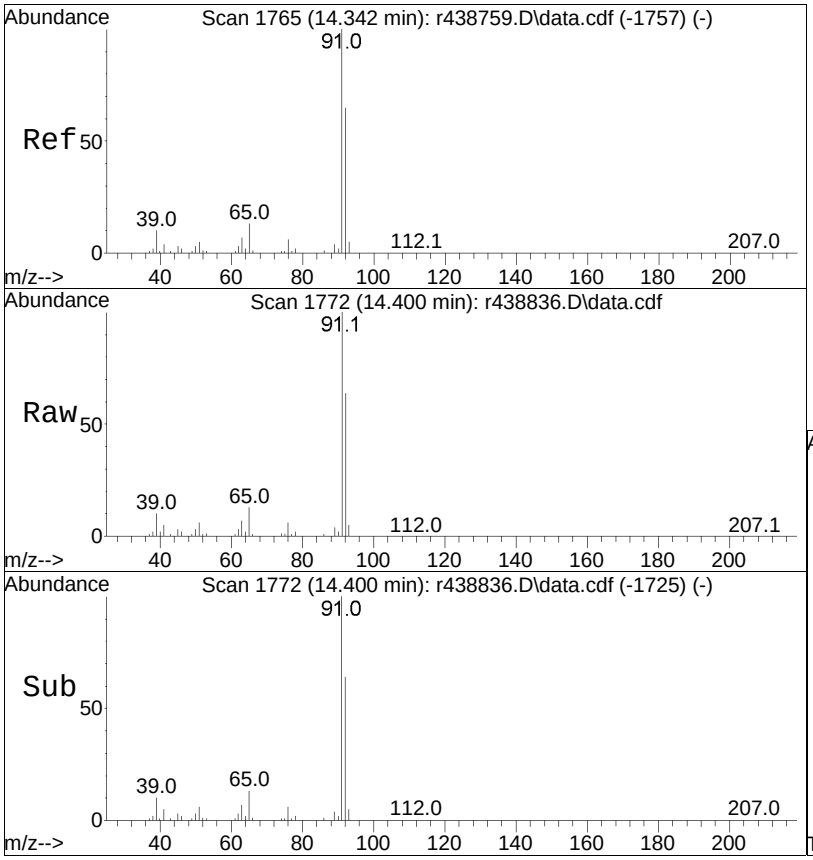


#66
1,1,2-trichloroethane
Concen: 10.15 ppbV
RT: 14.092 min Scan# 1735
Delta R.T. 0.058 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 97 Resp: 337687

Ion	Ratio	Lower	Upper
97	100		
83	82.1	63.7	95.5
61	54.1	45.3	67.9

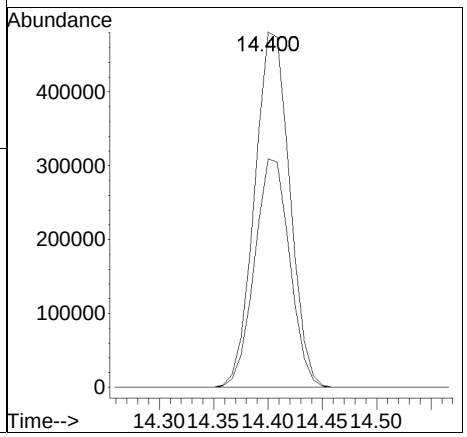


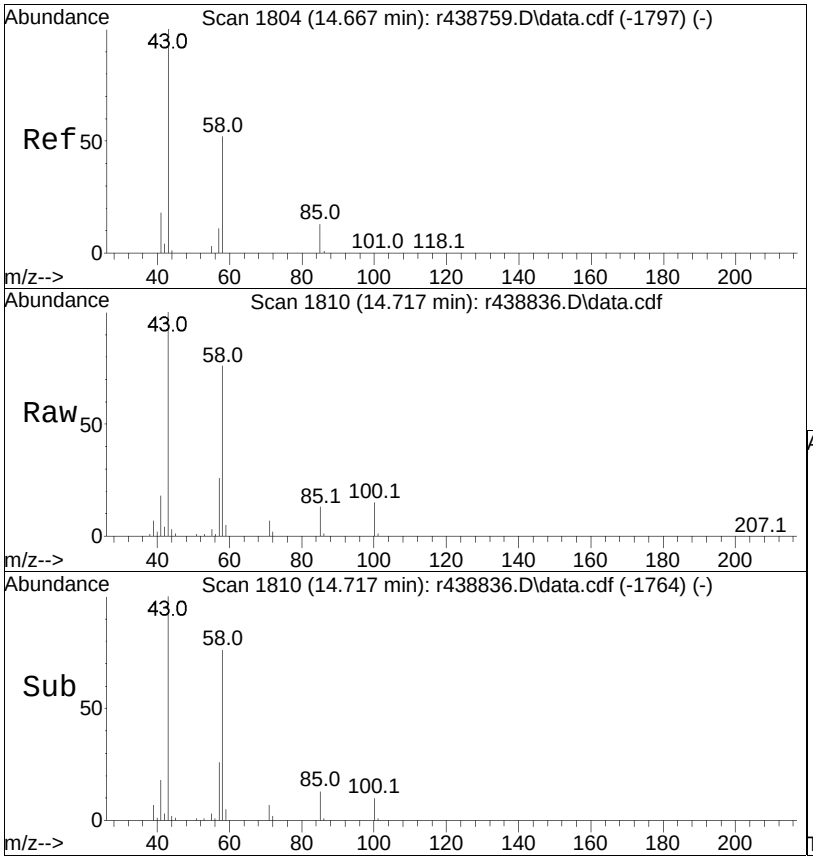


#68
toluene
Concen: 9.91 ppbV
RT: 14.400 min Scan# 1772
Delta R.T. 0.058 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 91 Resp: 1083622

Ion	Ratio	Lower	Upper
91	100		
92	64.3	51.7	77.5

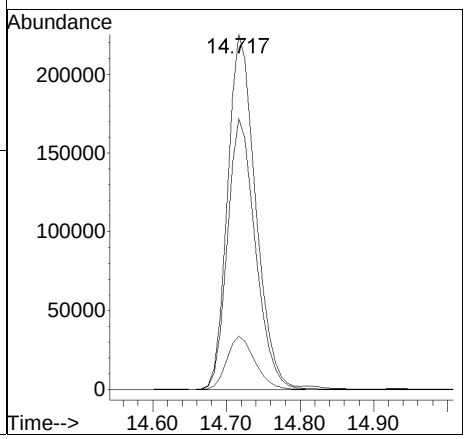


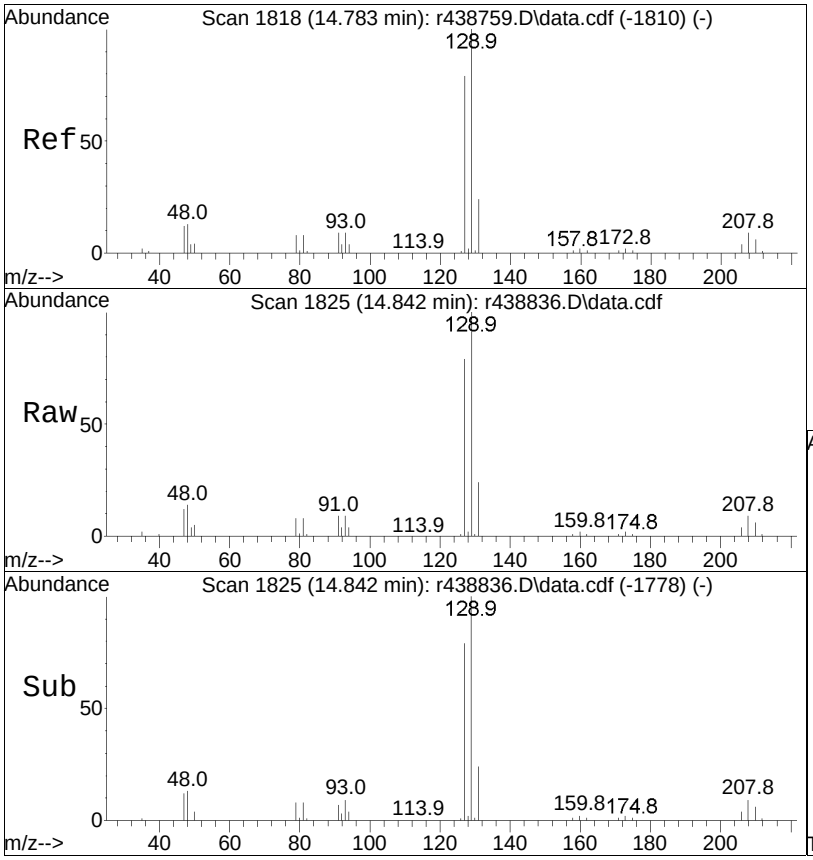


#72
2-hexanone
Concen: 10.97 ppbV
RT: 14.717 min Scan# 1810
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 43 Resp: 600460

Ion	Ratio	Lower	Upper
43	100		
58	76.3	59.7	89.5
100	15.0	12.0	18.0

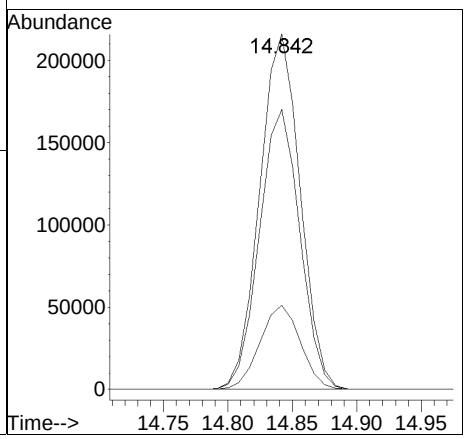


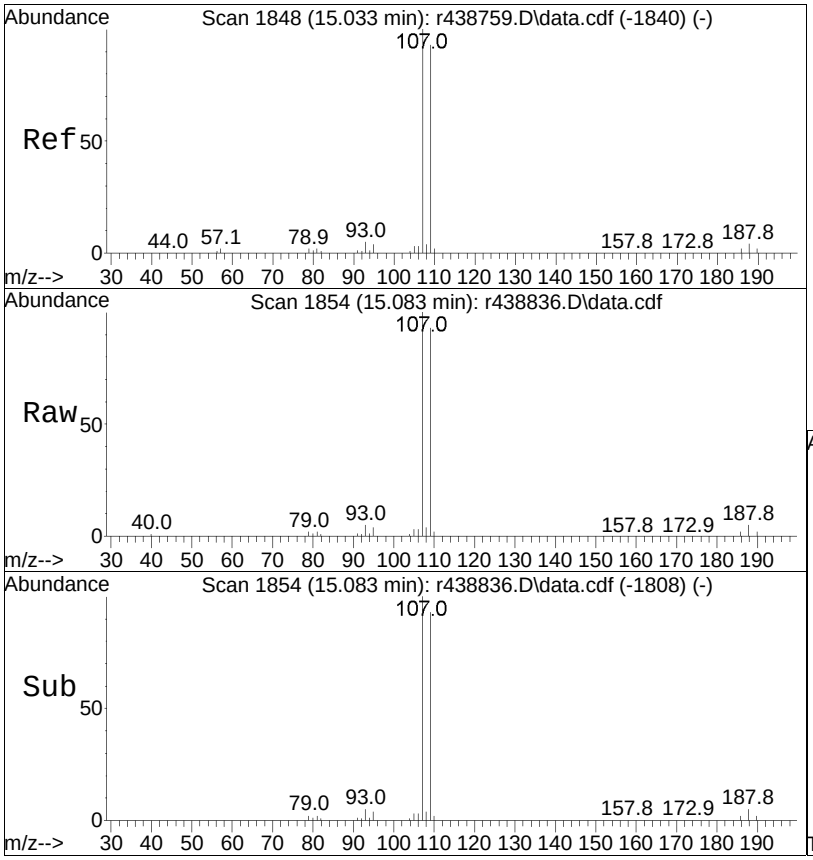


#74
dibromochloromethane
Concen: 11.96 ppbV
RT: 14.842 min Scan# 1825
Delta R.T. 0.058 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:129 Resp: 472498

Ion	Ratio	Lower	Upper
129	100		
127	78.8	63.0	94.6
131	23.7	18.9	28.3

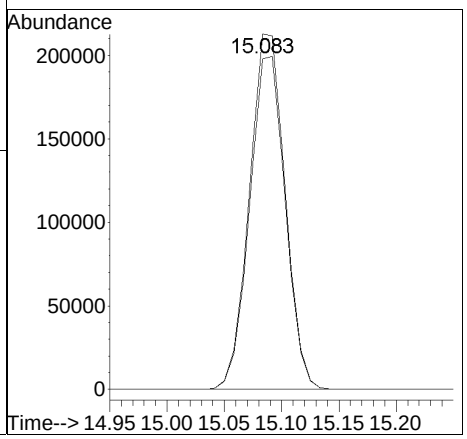


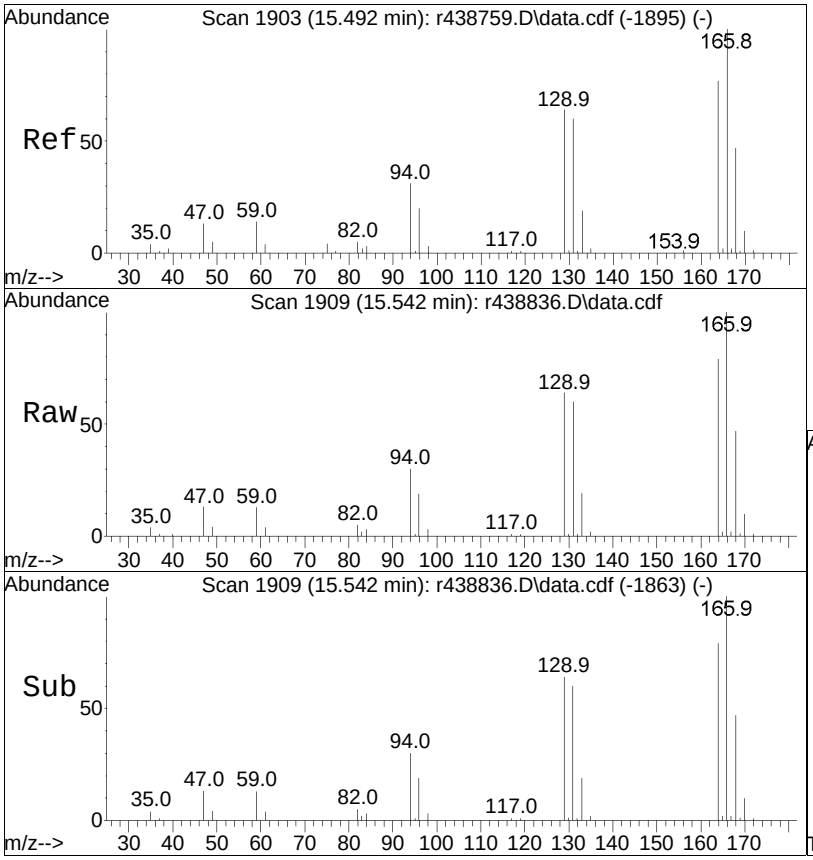


#75
1,2-dibromoethane
Concen: 10.19 ppbV
RT: 15.083 min Scan# 1854
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:107 Resp: 460795

Ion	Ratio	Lower	Upper
107	100		
109	93.0	74.1	111.1

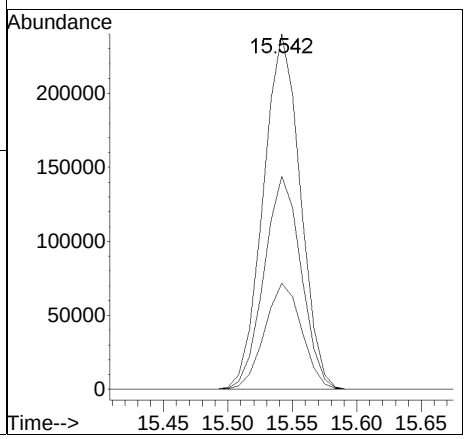


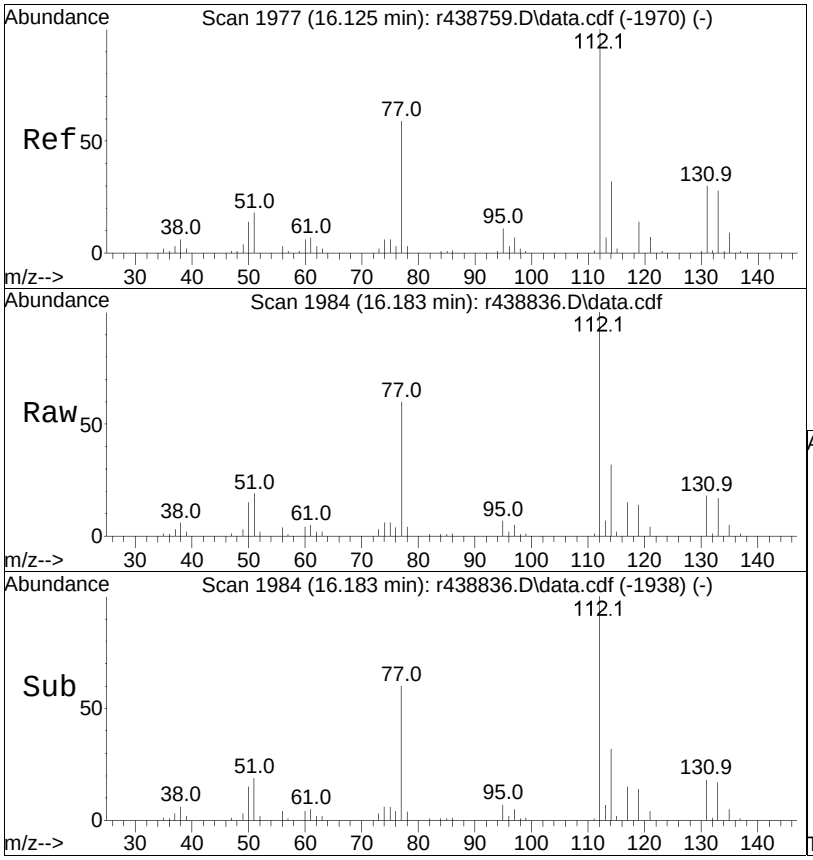


#78
tetrachloroethene
Concen: 10.16 ppbV
RT: 15.542 min Scan# 1909
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:166 Resp: 480040

Ion	Ratio	Lower	Upper
166	100		
131	60.0	48.3	72.5
94	29.8	24.8	37.2

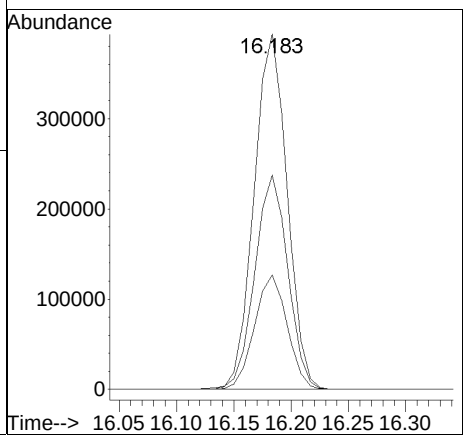


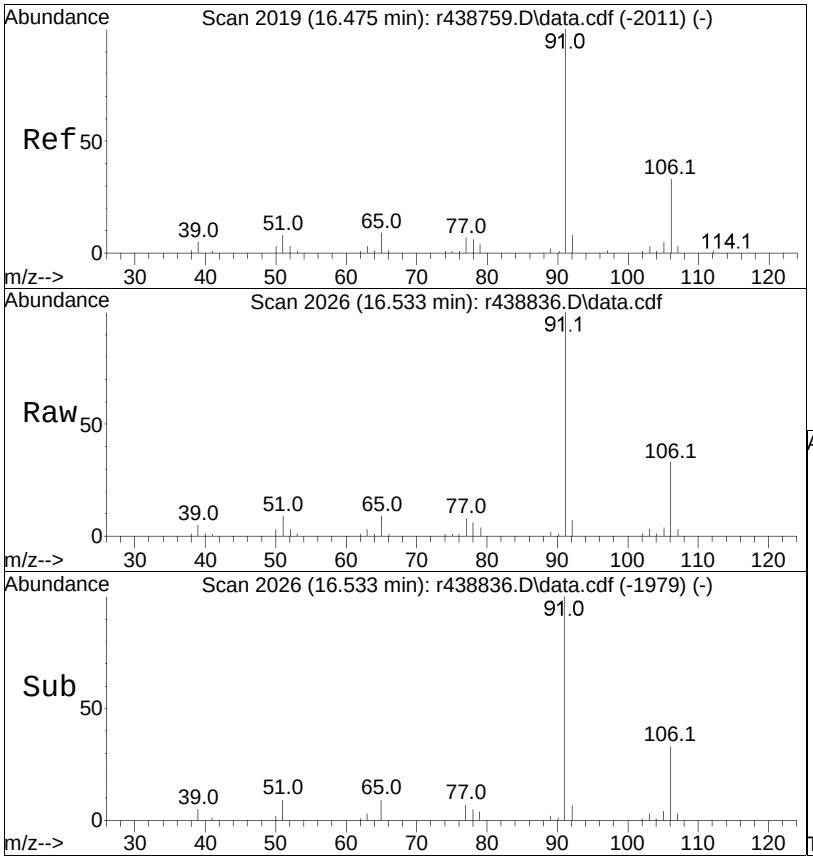


#80
chlorobenzene
Concen: 10.04 ppbV
RT: 16.183 min Scan# 1984
Delta R.T. 0.058 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:112 Resp: 788560

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.4	38.2
77	60.3	47.0	70.4

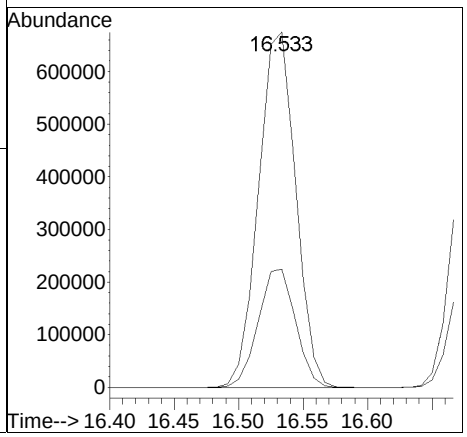


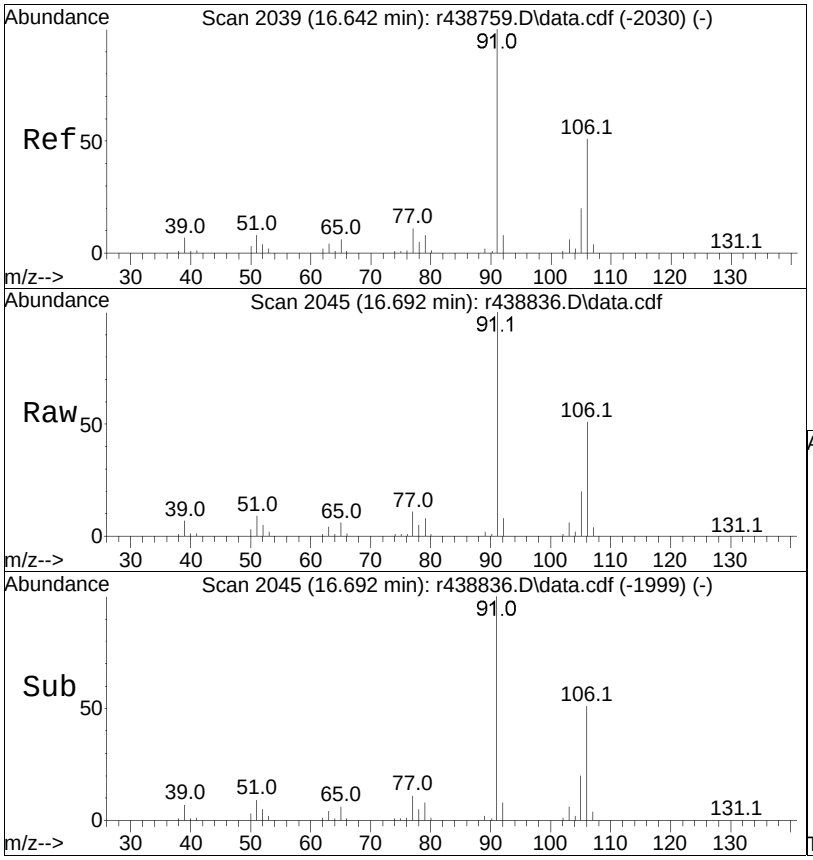


#81
ethylbenzene
Concen: 9.95 ppbV
RT: 16.533 min Scan# 2026
Delta R.T. 0.058 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 91 Resp: 1352165

Ion	Ratio	Lower	Upper
91	100		
106	33.3	26.7	40.1

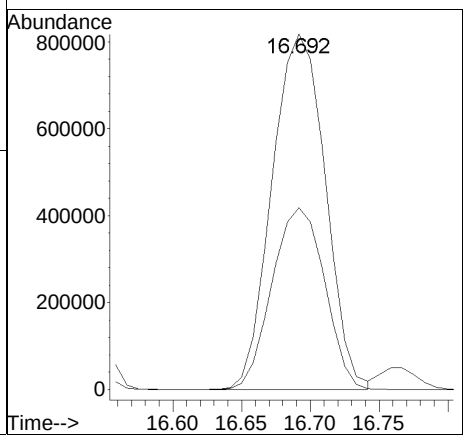


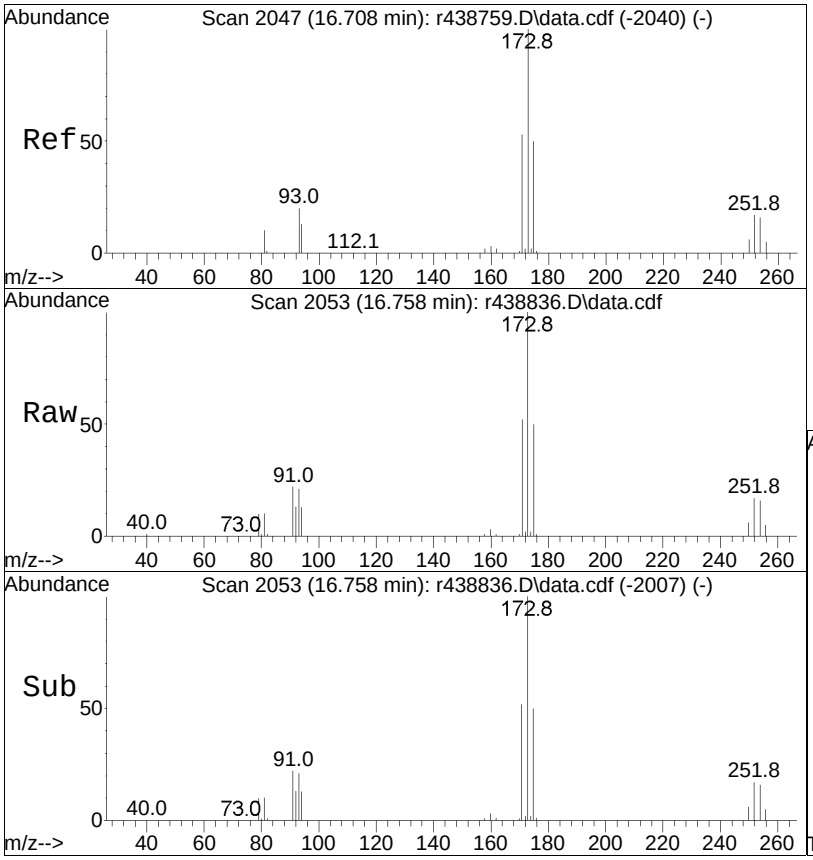


#83
m+p-xylene
Concen: 20.46 ppbV
RT: 16.692 min Scan# 2045
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 91 Resp: 2202464

Ion	Ratio	Lower	Upper
91	100		
106	51.1	40.8	61.2

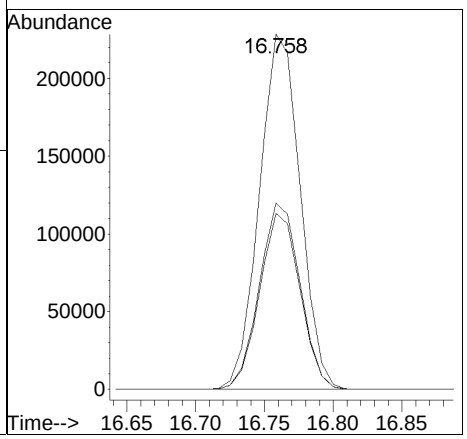


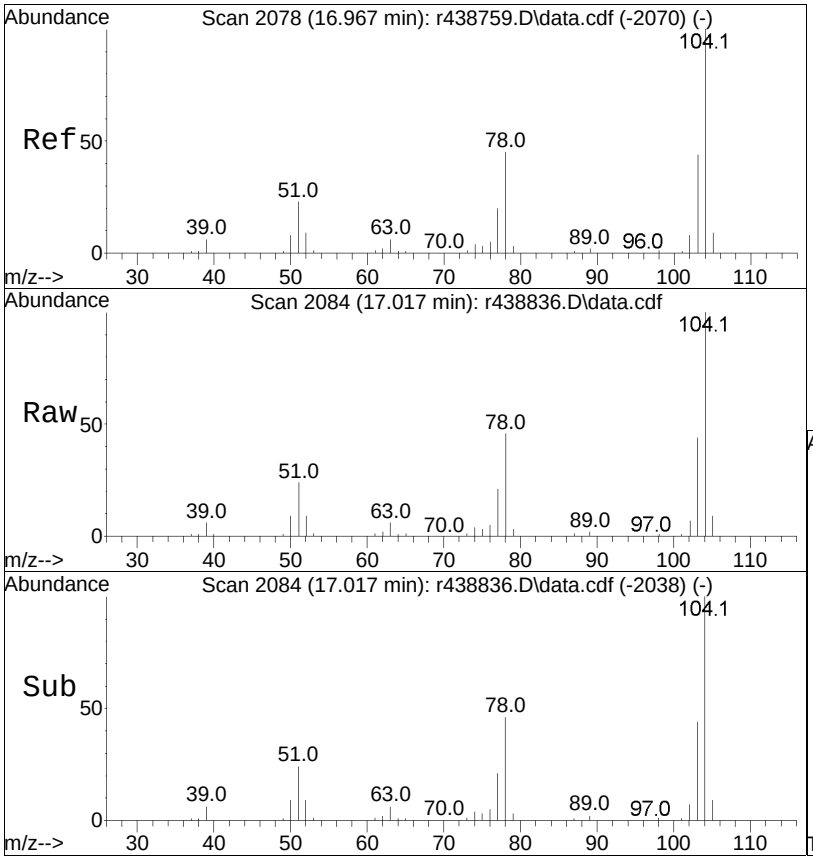


#84
bromoform
Concen: 11.96 ppbV
RT: 16.758 min Scan# 2053
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:173 Resp: 471113

Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.8	59.8
171	52.5	42.2	63.2

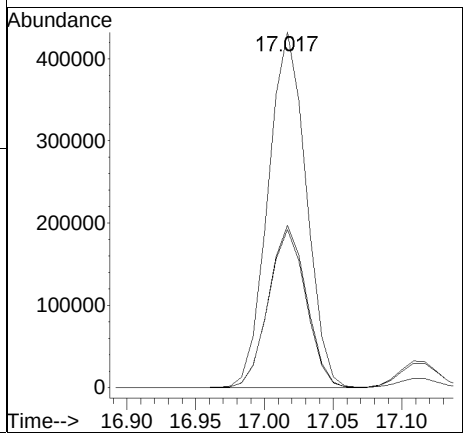


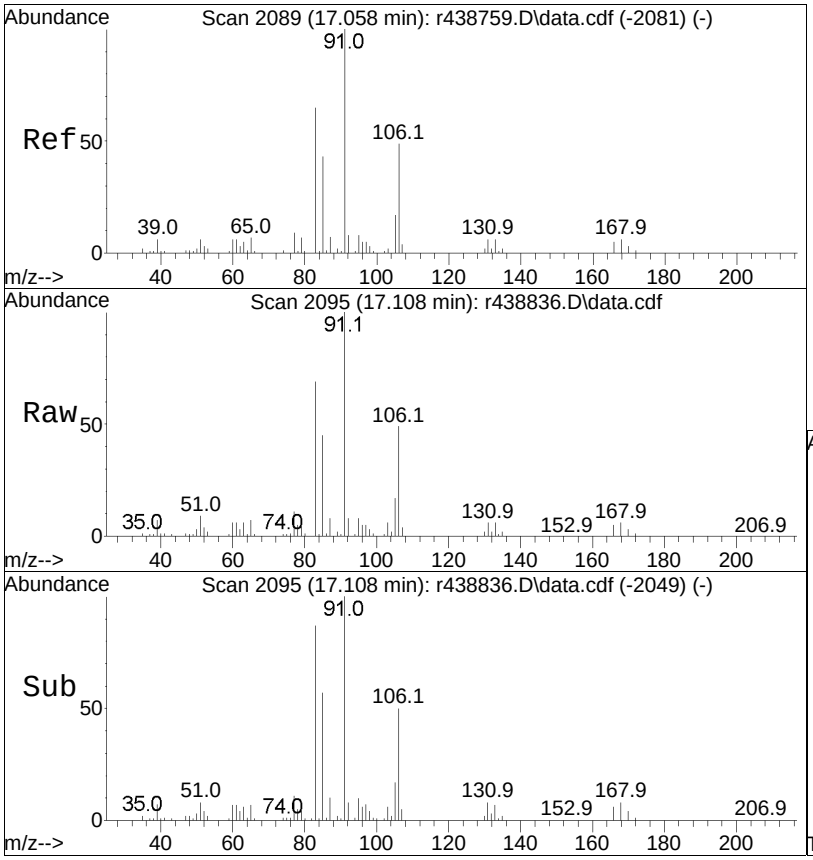


#85
styrene
Concen: 10.11 ppbV
RT: 17.017 min Scan# 2084
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:104 Resp: 831736

Ion	Ratio	Lower	Upper
104	100		
103	44.4	35.4	53.0
78	45.6	35.8	53.6

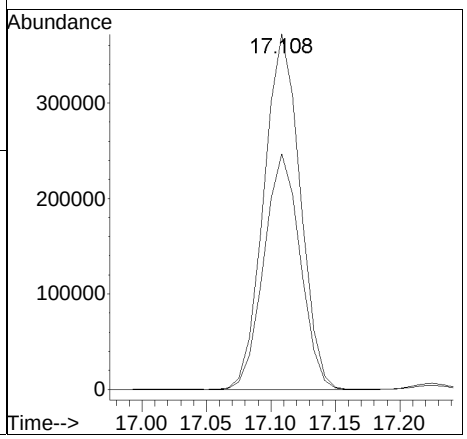


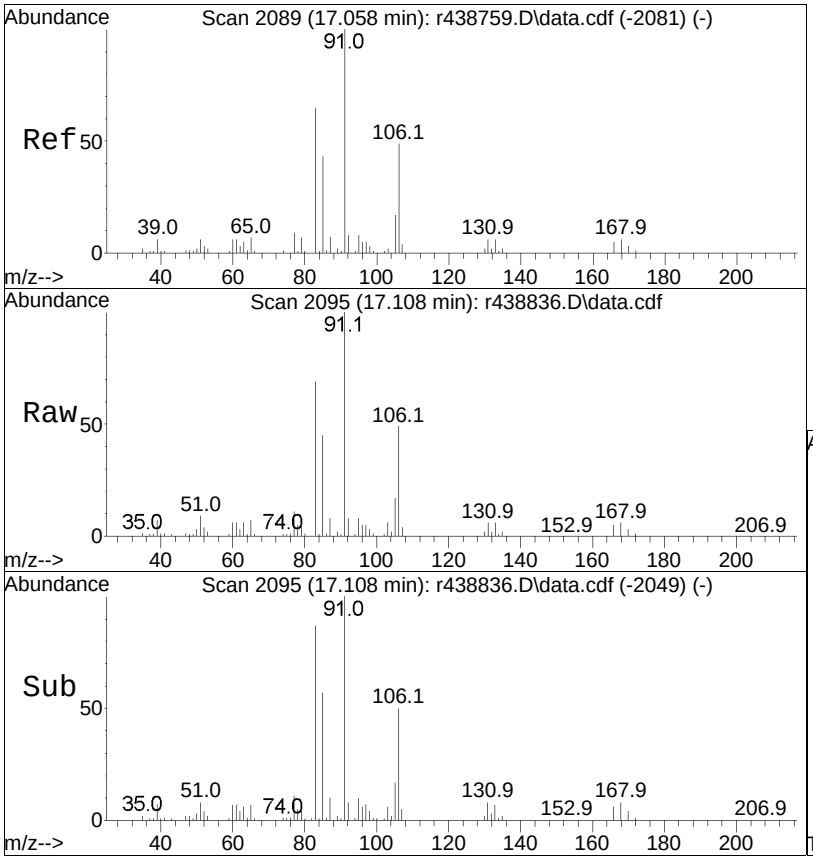


#86
1,1,2,2-tetrachloroethane
Concen: 10.35 ppbV
RT: 17.108 min Scan# 2095
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 83 Resp: 728423

Ion	Ratio	Lower	Upper
83	100		
85	66.3	53.1	79.7

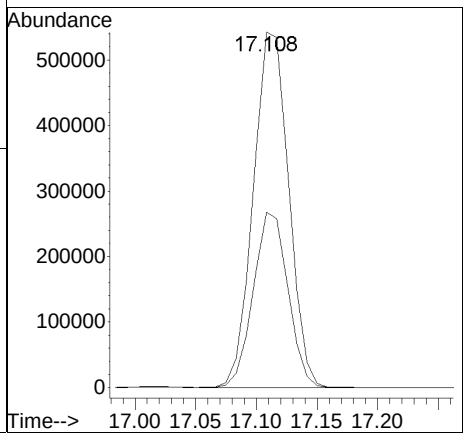


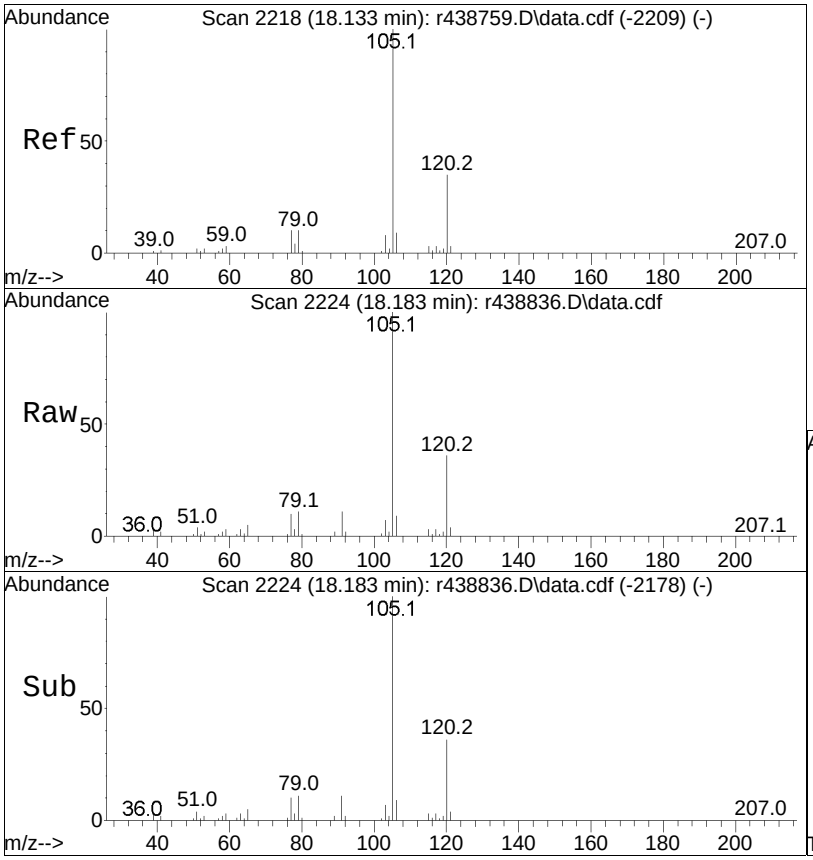


#87
o-xylene
Concen: 10.46 ppbV
RT: 17.108 min Scan# 2095
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 91 Resp: 1100248

Ion	Ratio	Lower	Upper
91	100		
106	49.3	39.4	59.0

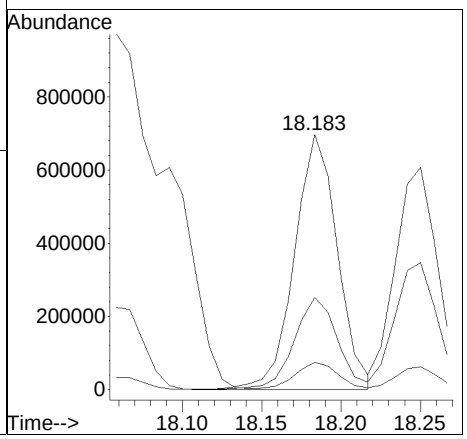


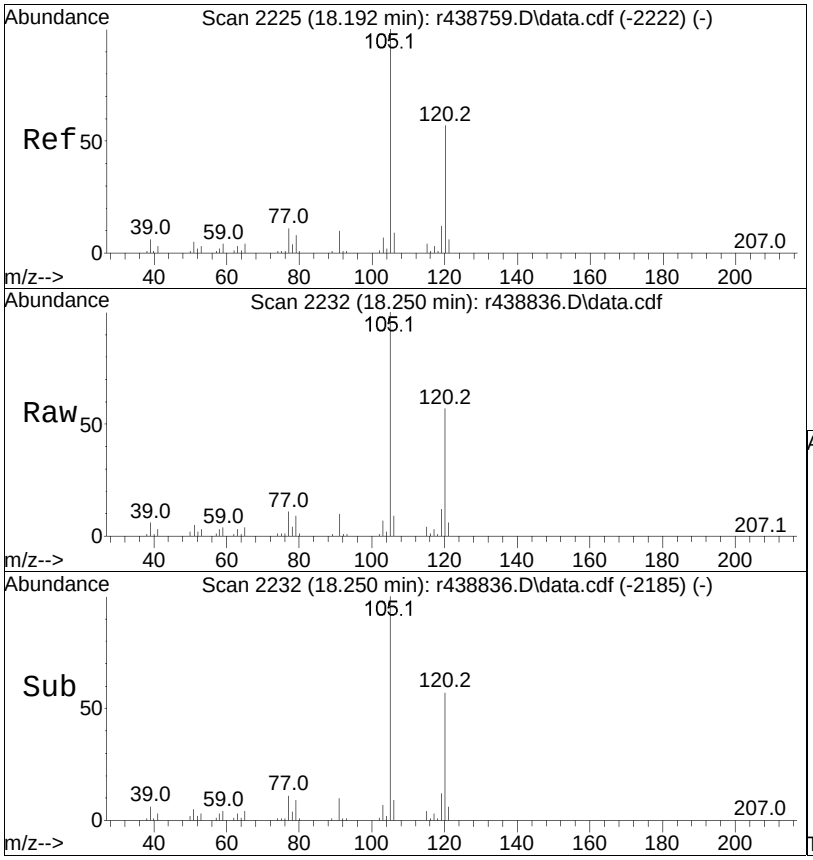


#96
4-ethyl toluene
Concen: 11.13 ppbV
RT: 18.183 min Scan# 2224
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:105 Resp: 1306978

Ion	Ratio	Lower	Upper
105	100		
120	36.1	28.2	42.4
91	10.6	8.6	12.8

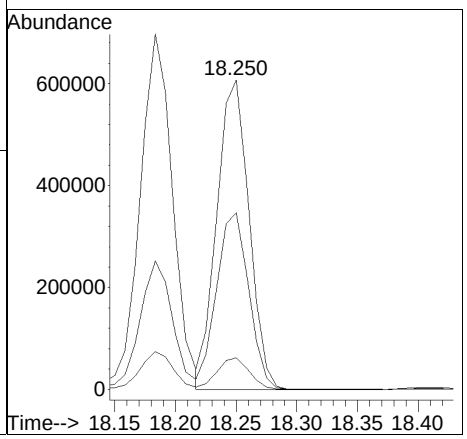


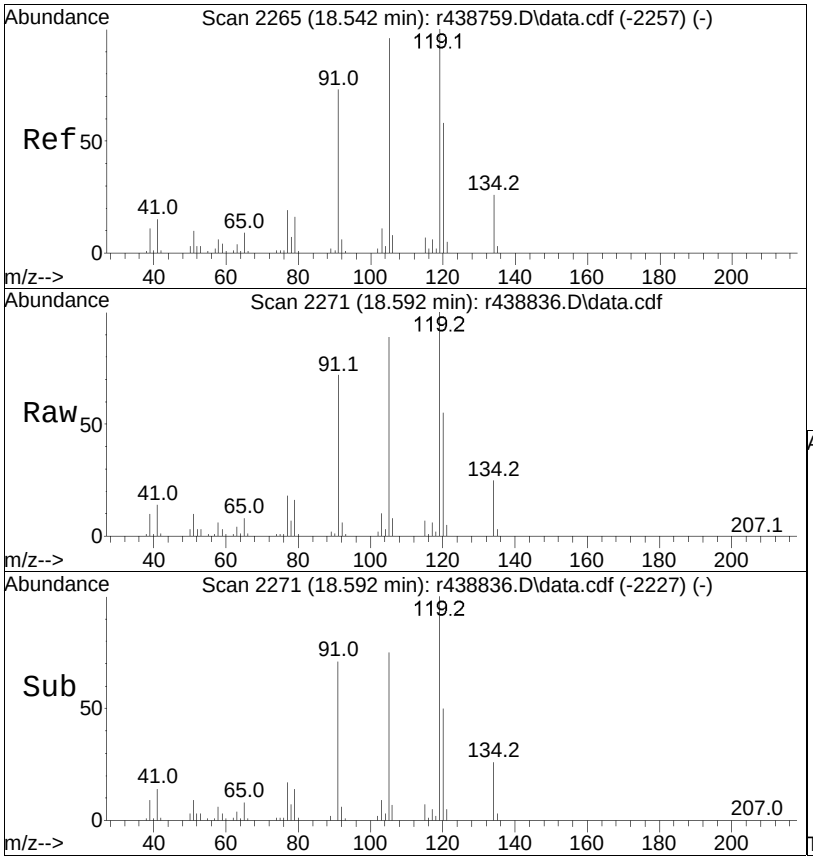


#97
1,3,5-trimethylbenzene
Concen: 8.53 ppbV
RT: 18.250 min Scan# 2232
Delta R.T. 0.058 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:105 Resp: 1120900

Ion	Ratio	Lower	Upper
105	100		
120	57.1	45.1	67.7
91	10.2	8.0	12.0

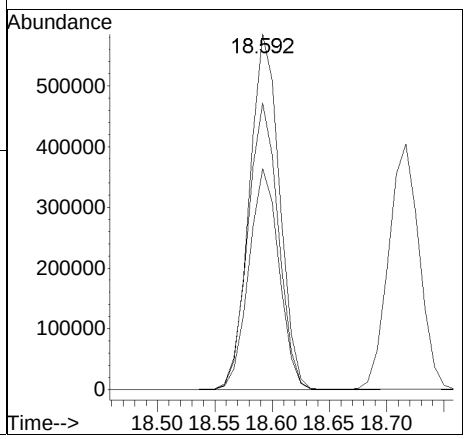


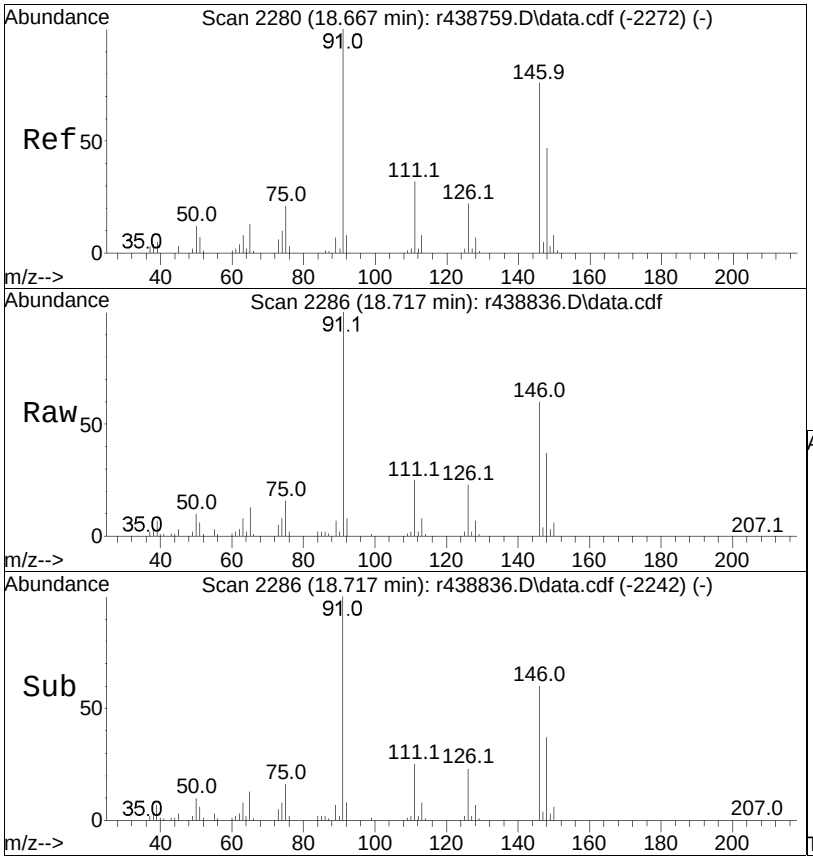


#99
1,2,4-trimethylbenzene
Concen: 9.97 ppbV
RT: 18.592 min Scan# 2271
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:105 Resp: 1070285

Ion	Ratio	Lower	Upper
105	100		
120	62.1	48.9	73.3
91	80.6	61.0	91.4

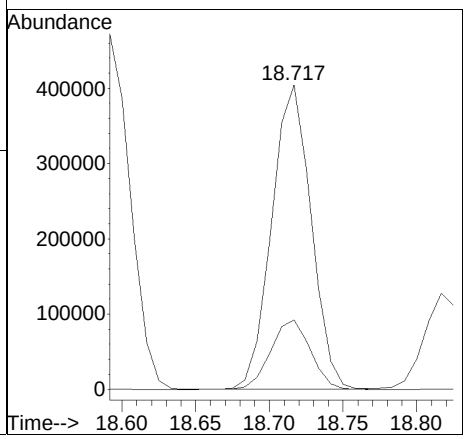


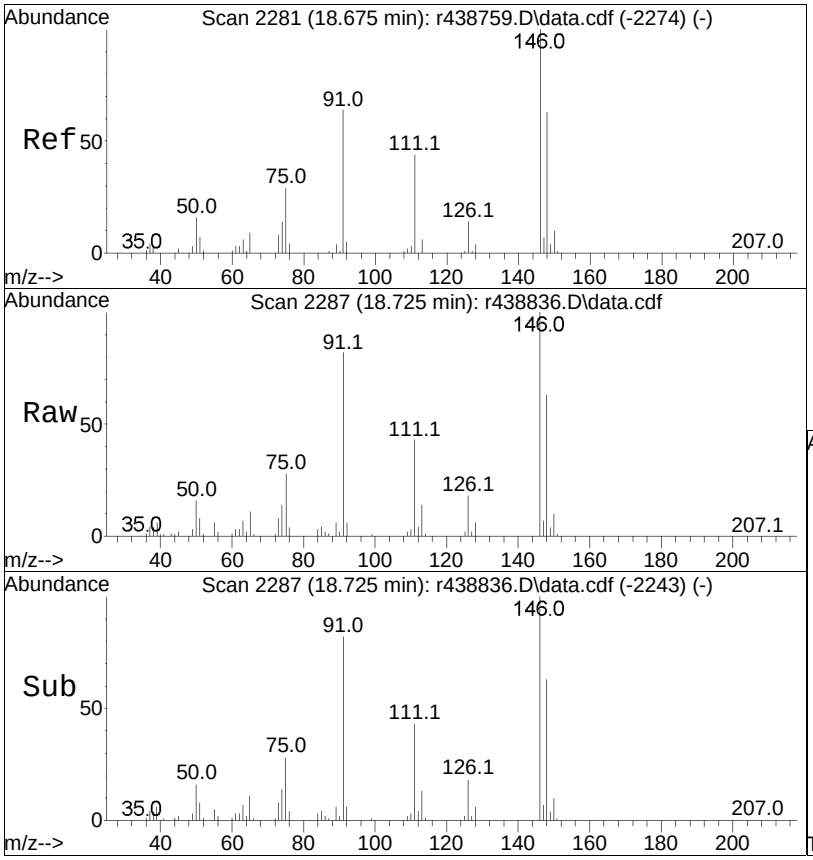


#101
Benzyl Chloride
Concen: 9.22 ppbV
RT: 18.717 min Scan# 2286
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion: 91 Resp: 751524

Ion	Ratio	Lower	Upper
91	100		
126	22.8	18.0	27.0

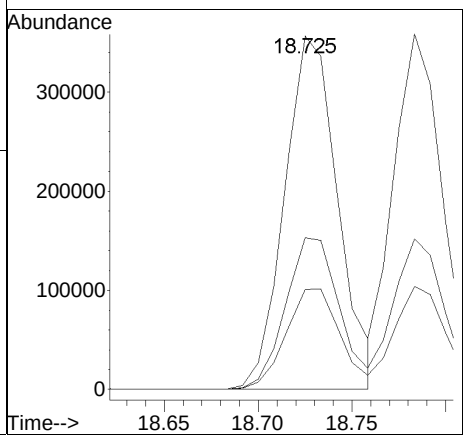


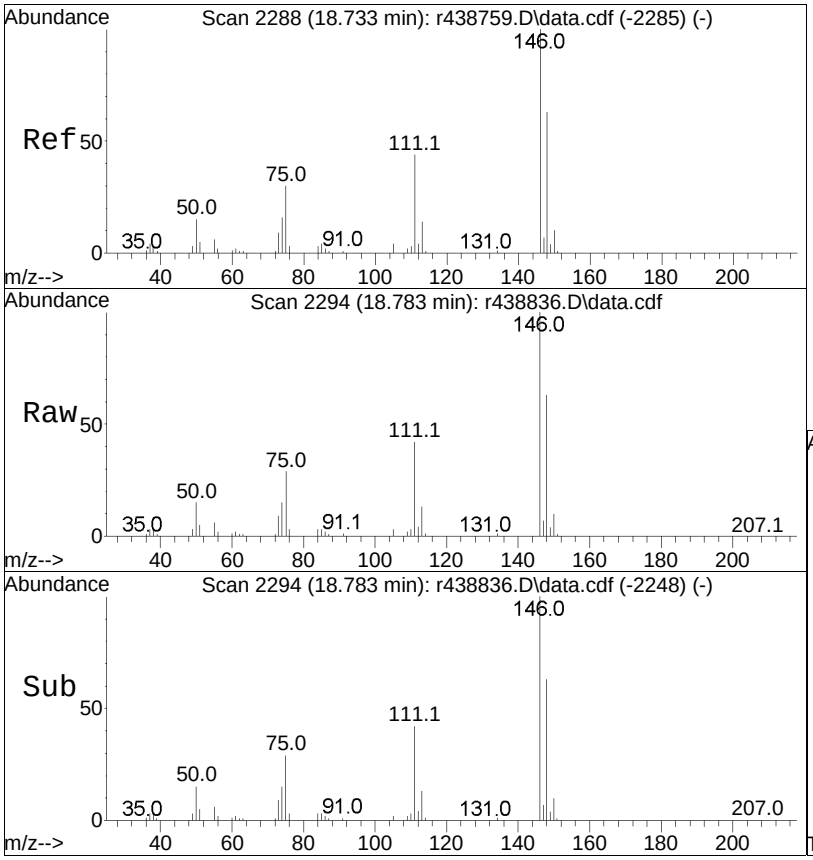


#102
1,3-dichlorobenzene
Concen: 10.10 ppbV
RT: 18.725 min Scan# 2287
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:146 Resp: 703946

Ion	Ratio	Lower	Upper
146	100		
111	42.9	35.4	53.0
75	28.3	23.3	34.9

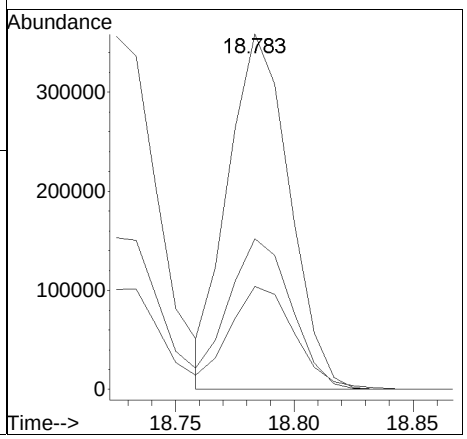


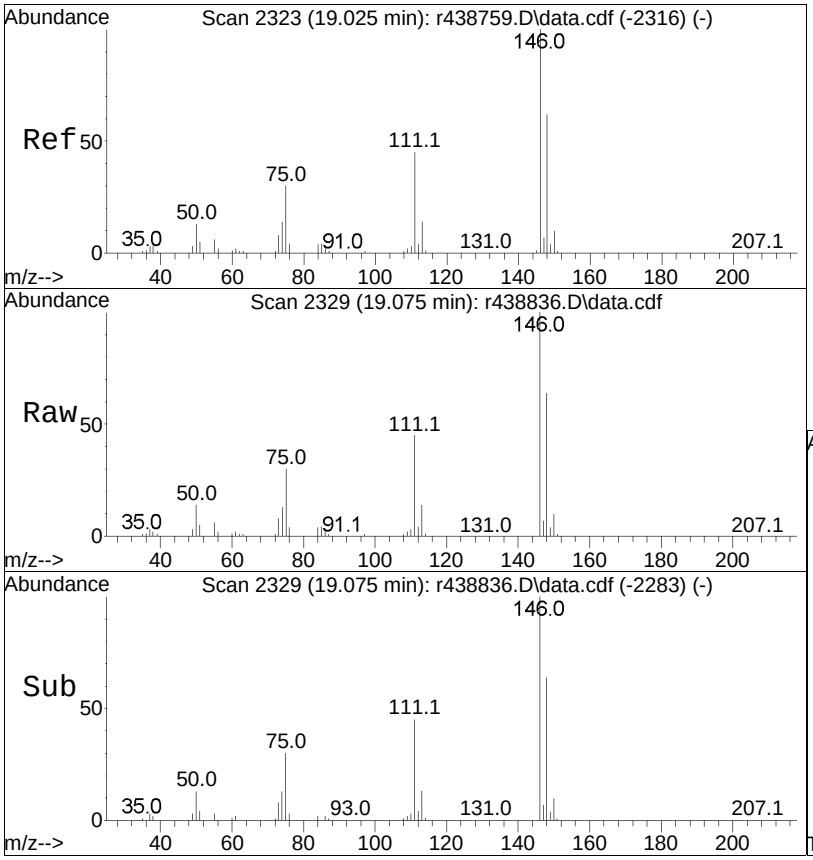


#103
1,4-dichlorobenzene
Concen: 9.83 ppbV m
RT: 18.783 min Scan# 2294
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:146 Resp: 645722

Ion	Ratio	Lower	Upper
146	100		
111	42.4	34.5	51.7
75	29.0	23.8	35.8

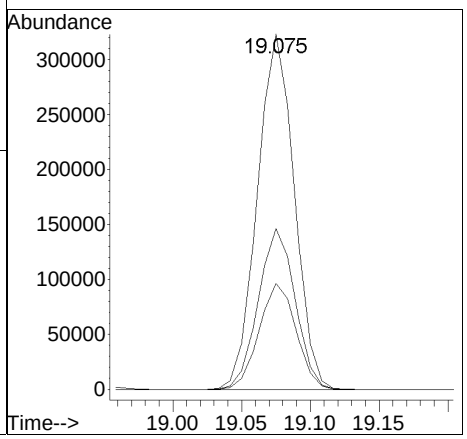


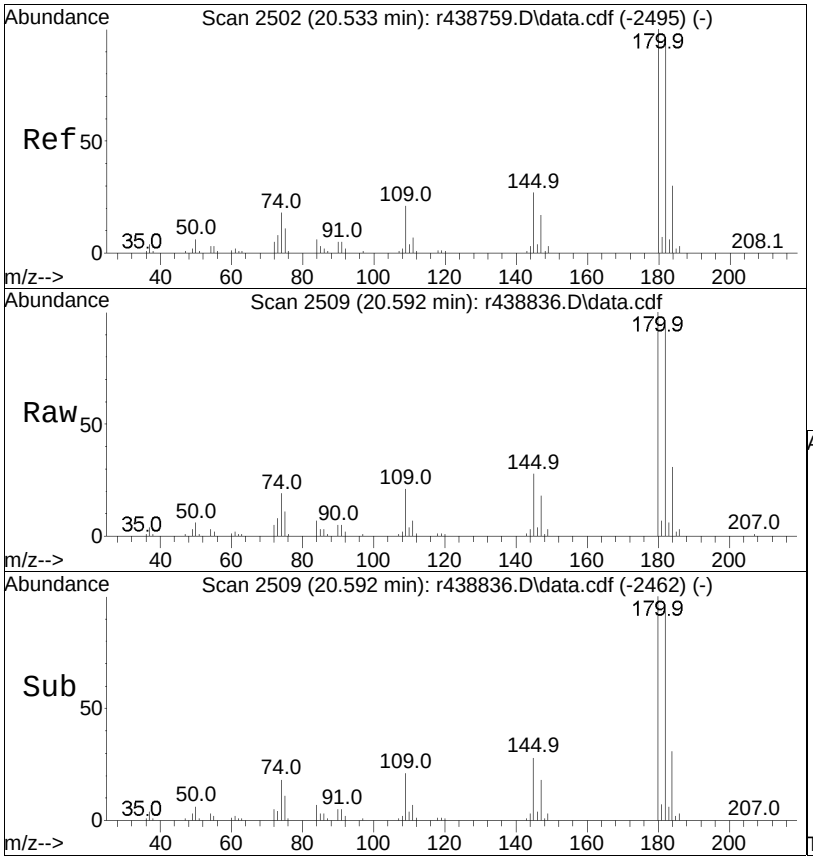


#107
1,2-dichlorobenzene
Concen: 9.41 ppbV
RT: 19.075 min Scan# 2329
Delta R.T. 0.050 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:146 Resp: 602093

Ion	Ratio	Lower	Upper
146	100		
111	45.3	36.2	54.2
75	29.9	24.2	36.4

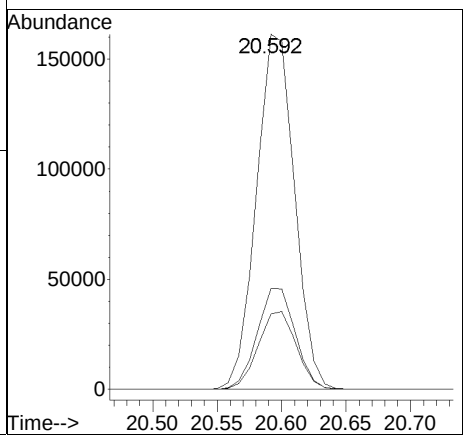


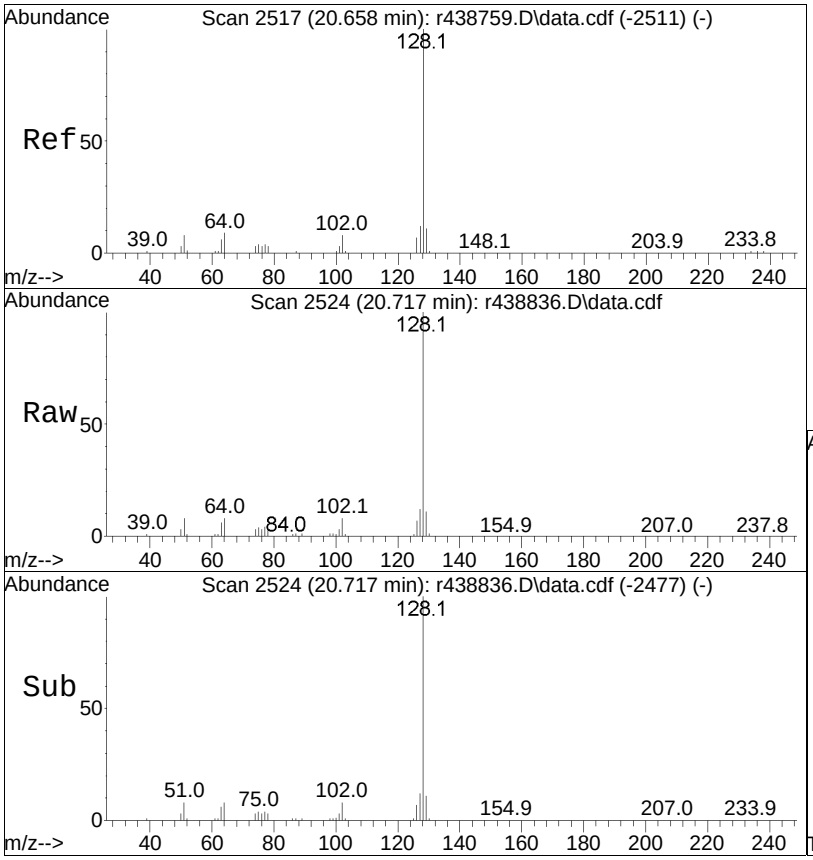


#115
1,2,4-trichlorobenzene
Concen: 7.67 ppbV
RT: 20.592 min Scan# 2509
Delta R.T. 0.058 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:180 Resp: 331965

Ion	Ratio	Lower	Upper
180	100		
145	28.5	21.6	32.4
109	21.3	17.1	25.7

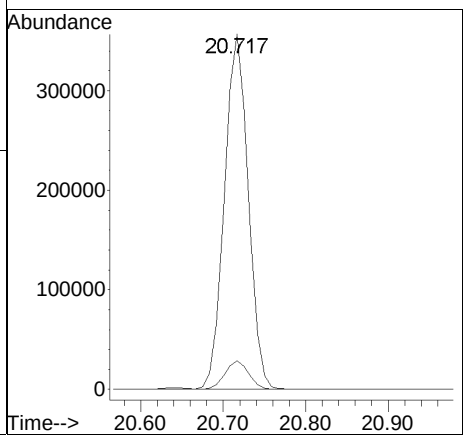


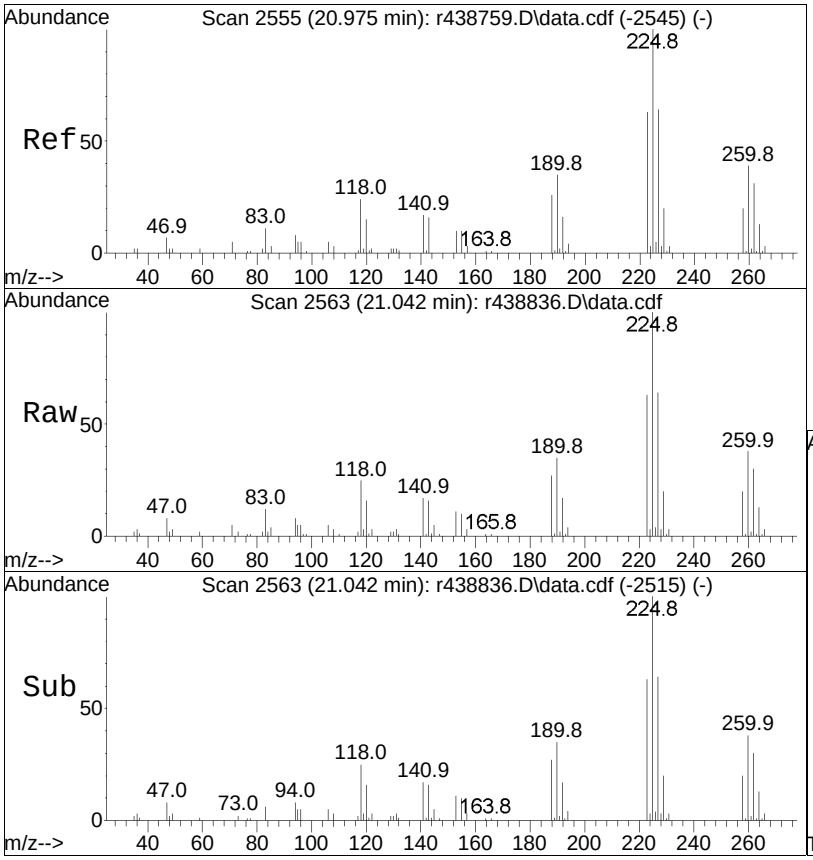


#116
naphthalene
Concen: 7.13 ppbV
RT: 20.717 min Scan# 2524
Delta R.T. 0.058 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:128 Resp: 715945

Ion	Ratio	Lower	Upper
128	100		
102	8.1	6.8	10.2

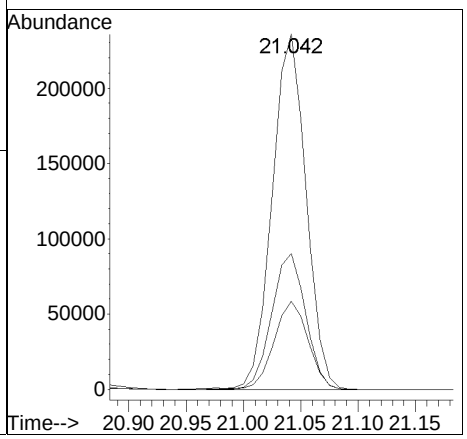




#119
hexachlorobutadiene
Concen: 8.35 ppbV
RT: 21.042 min Scan# 2563
Delta R.T. 0.067 min
Lab File: r438836.D
Acq: 27 Feb 2025 12:45 PM

Tgt Ion:225 Resp: 483700

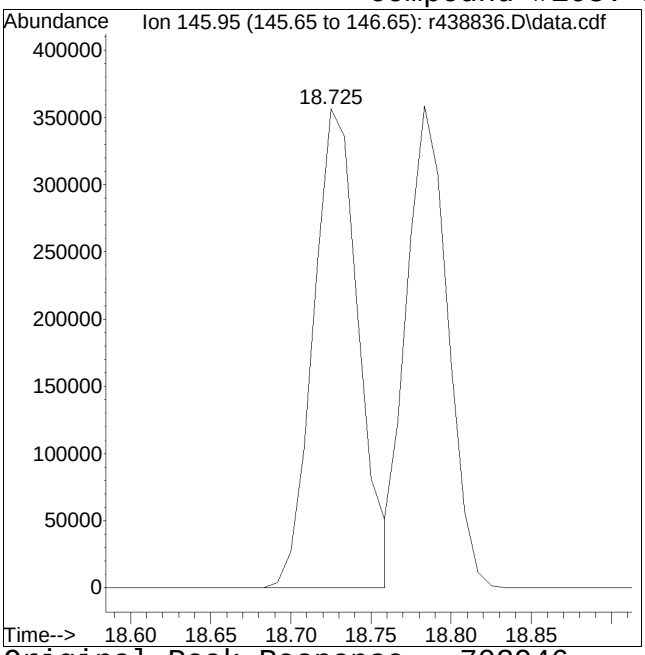
Ion	Ratio	Lower	Upper
225	100		
260	38.3	31.0	46.6
118	24.8	18.9	28.3



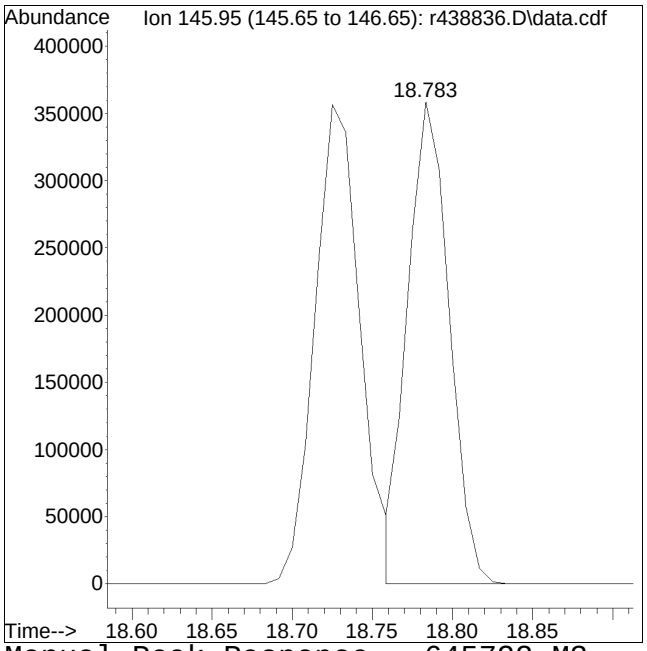
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250223.M
Data File : r438836.D Operator : AIRPIANO4:TPH
Date Inj'd : 2/27/2025 12:45 PM Instrument :
Sample : WG2034926-3,3,250,250 Quant Date : 2/27/2025 4:02 pm

Compound #103: 1,4-dichlorobenzene



Original Peak Response = 703946



Manual Peak Response = 645722 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438848.D
Acq On : 27 Feb 2025 11:10 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-5,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:49:38 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : TO15-NY-7-sim+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.258	49	337020	10.000	ppbV	0.07
Standard Area = 343689			Recovery = 98.06%			
43) 1,4-difluorobenzene	11.480	114	933174	10.000	ppbV	0.07
Standard Area = 926999			Recovery = 100.67%			
67) chlorobenzene-D5	16.150	54	164417	10.000	ppbV	0.06
Standard Area = 152882			Recovery = 107.55%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	4.162	85	24097	0.486	ppbV	99
6) chloromethane	4.336	50	12515	0.589	ppbV	98
7) Freon-114	4.444		0	N.D.		
10) 1,3-butadiene	4.714		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.390	31	1272279	60.771	ppbV	99
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.903	43	309506M6	8.913	ppbV	
21) trichlorofluoromethane	6.030	101	9680	0.206	ppbV	96
22) isopropyl alcohol	6.290	45	72119	1.561	ppbV	100
27) tertiary butyl alcohol	0.000		0	N.D.	d	
28) methylene chloride	6.864	49	3735	0.132	ppbV	98
29) 3-chloropropene	7.044		0	N.D.		
30) carbon disulfide	0.000		0	N.D.	d	
31) Freon 113	7.170	101	3275	0.066	ppbV	91
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	8.133		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.717	43	12531	0.222	ppbV	97
38) Ethyl Acetate	9.458	61	479	0.036	ppbV #	33
39) chloroform	9.417	83	1738	0.037	ppbV	91
40) Tetrahydrofuran	10.000	42	2549	0.087	ppbV	95
42) 1,2-dichloroethane	10.250		0	N.D.		
44) hexane	9.333	57	4726	0.105	ppbV #	43
50) benzene	11.067	78	12950	0.155	ppbV	96
53) cyclohexane	11.380	56	2912	0.059	ppbV	98
56) 1,2-dichloropropane	12.013		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438848.D
Acq On : 27 Feb 2025 11:10 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-5,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:49:38 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\02\0227T\r438836.D
Sub List : TO15-NY-7-sim+Naphthalene - .

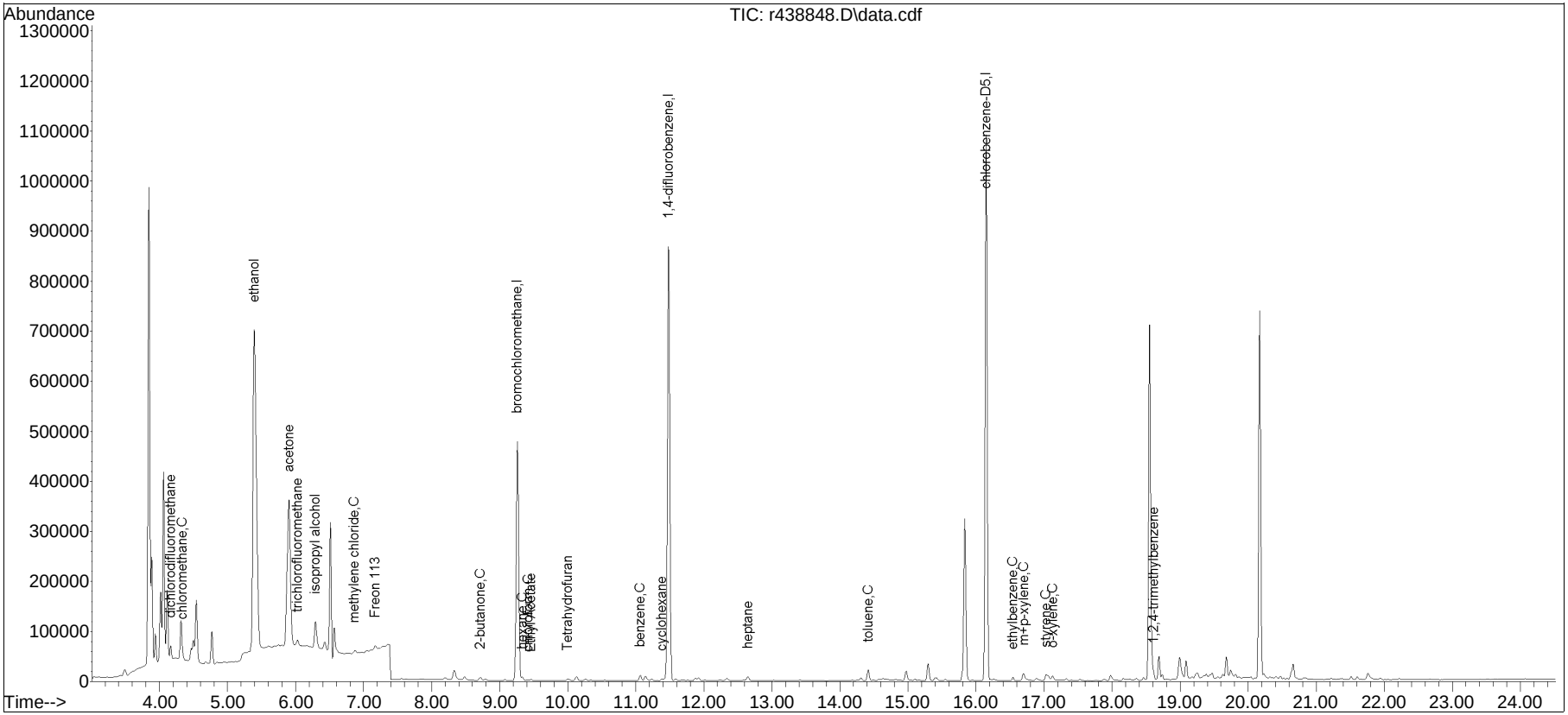
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58)	1,4-dioxane	0.000		0	N.D.		
60)	2,2,4-trimethylpentane	0.000		0	N.D.	d	
62)	heptane	12.647	43	4698	0.100	ppbV	96
63)	cis-1,3-dichloropropene	0.000		0	N.D.		
64)	4-methyl-2-pentanone	13.458		0	N.D.		
65)	trans-1,3-dichloropropene	0.000		0	N.D.		
66)	1,1,2-trichloroethane	0.000		0	N.D.		
68)	toluene	14.417	91	18591	0.158	ppbV	99
72)	2-hexanone	14.675		0	N.D.		
74)	dibromochloromethane	0.000		0	N.D.		
75)	1,2-dibromoethane	0.000		0	N.D.		
80)	chlorobenzene	0.000		0	N.D.		
81)	ethylbenzene	16.542	91	6615	0.045	ppbV	98
83)	m+p-xylene	16.700	91	13984	0.121	ppbV	96
84)	bromoform	0.000		0	N.D.		
85)	styrene	17.025	104	6346	0.072	ppbV	98
86)	1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87)	o-xylene	17.125	91	5220	0.046	ppbV	95
96)	4-ethyl toluene	18.167		0	N.D.		
97)	1,3,5-trimethylbenzene	18.167		0	N.D.		
99)	1,2,4-trimethylbenzene	18.608	105	3968M3	0.034	ppbV	
101)	Benzyl Chloride	18.608		0	N.D.		
102)	1,3-dichlorobenzene	18.800		0	N.D.		
103)	1,4-dichlorobenzene	18.800		0	N.D.		
107)	1,2-dichlorobenzene	0.000		0	N.D.		
115)	1,2,4-trichlorobenzene	0.000		0	N.D.		
116)	naphthalene	20.742		0	N.D.		
119)	hexachlorobutadiene	0.000		0	N.D.		

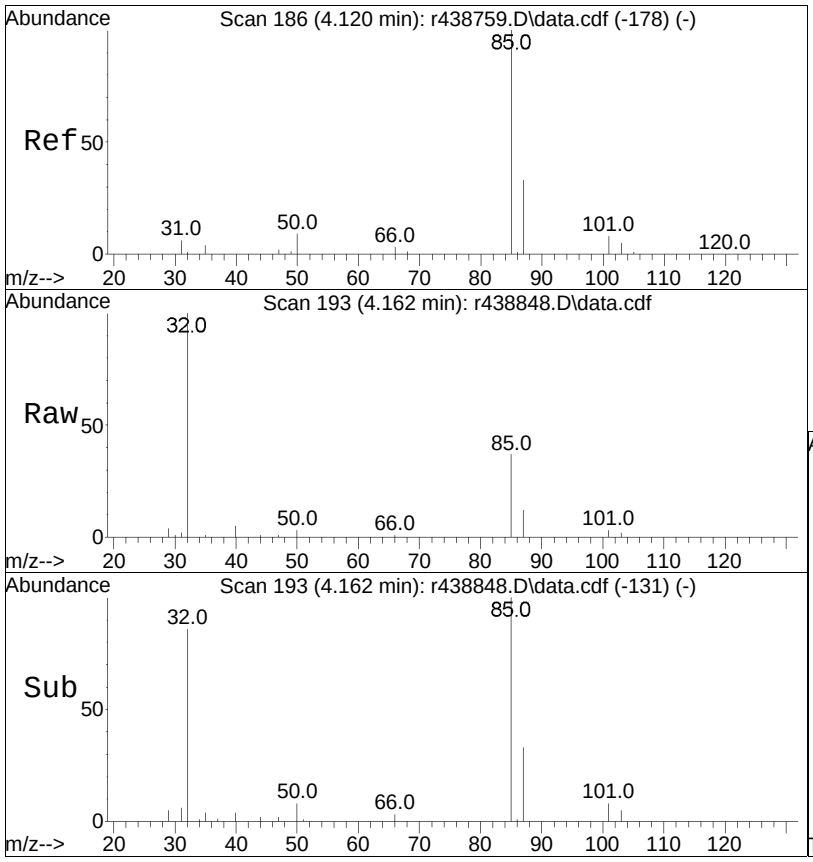
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY-7-sim+Naphthalene - .\02\0227T\r438836.D

Data Path : X:\Airlab\Data\Airpiano4\2025\02\0227T\
Data File : r438848.D
Acq On : 27 Feb 2025 11:10 PM
Operator : AIRPIANO4:TPH
Sample : WG2034926-5,3,250,250
Misc : WG2034926,ICAL22029
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 07:49:38 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\02\0227T\TFS4_250223.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 27 12:01:43 2025
Response via : Initial Calibration

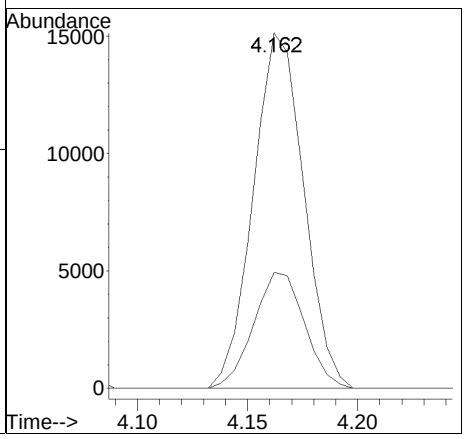


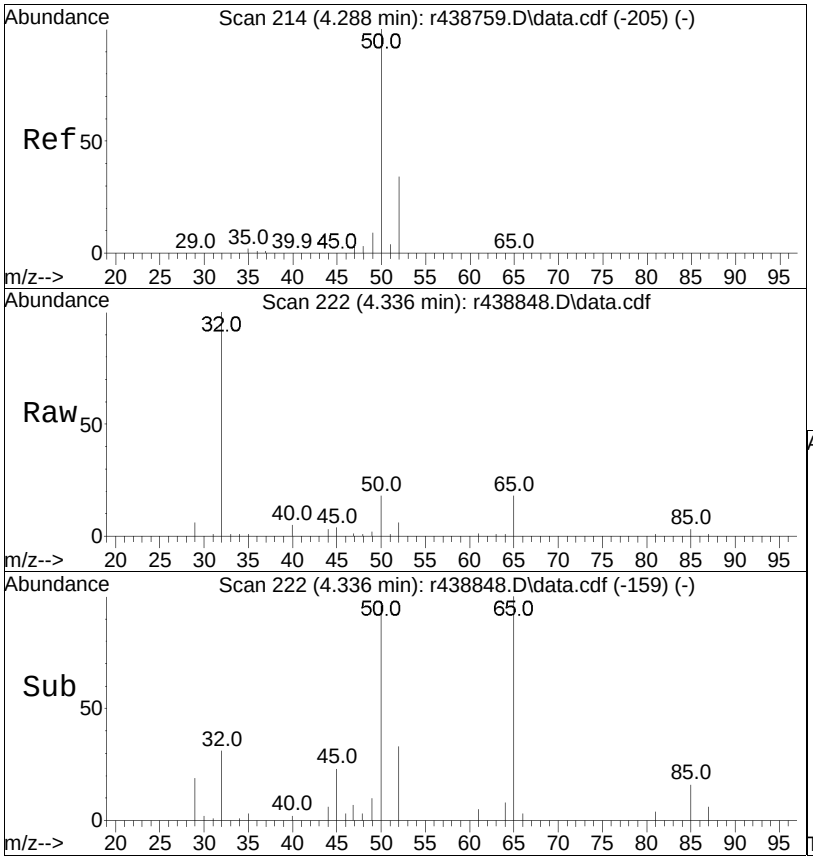


#5
dichlorodifluoromethane
Concen: 0.49 ppbV
RT: 4.162 min Scan# 193
Delta R.T. 0.042 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 85 Resp: 24097

Ion	Ratio	Lower	Upper
85	100		
87	32.7	26.4	39.6

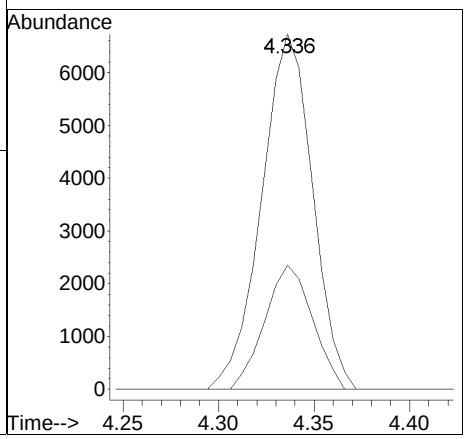


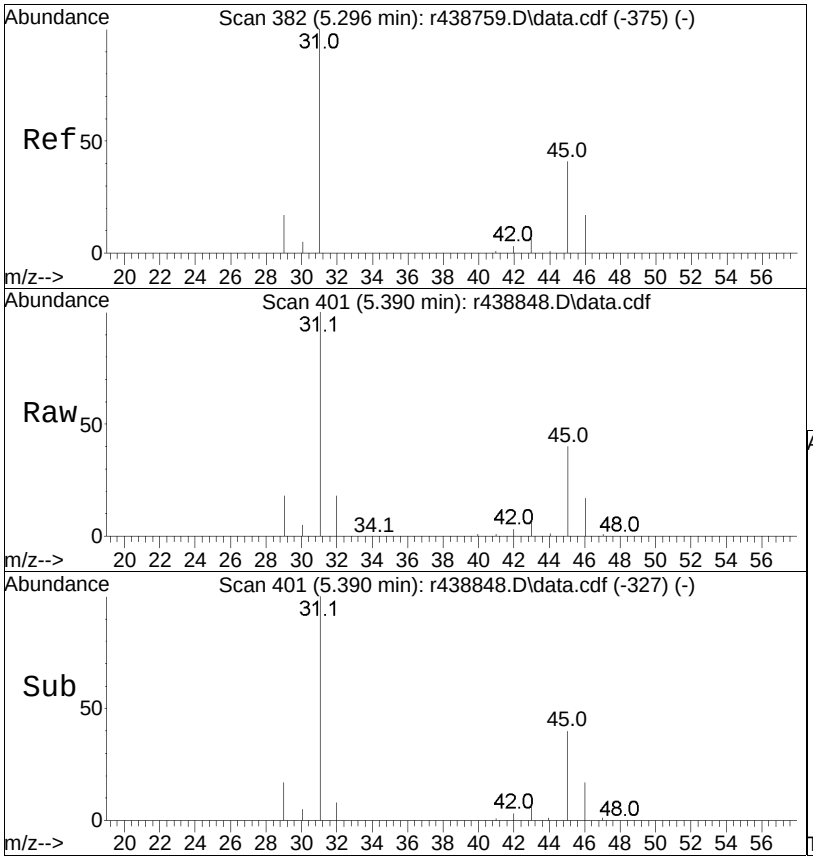


#6
chloromethane
Concen: 0.59 ppbV
RT: 4.336 min Scan# 222
Delta R.T. 0.048 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 50 Resp: 12515

Ion	Ratio	Lower	Upper
50	100		
52	34.9	26.9	40.3

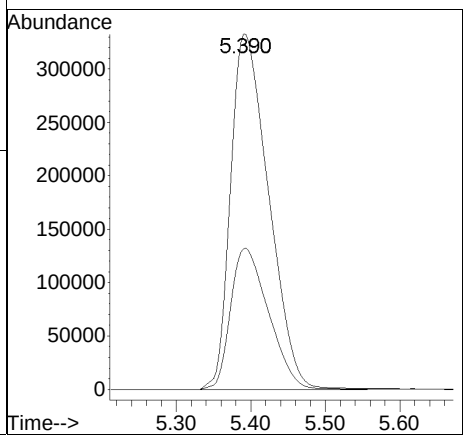


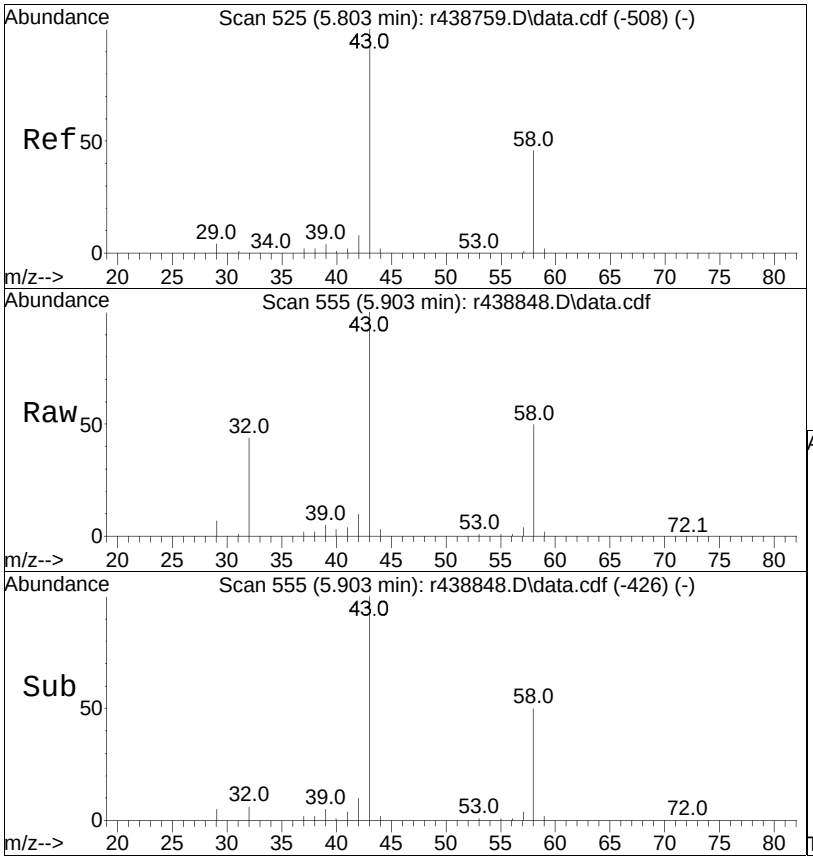


#15
ethanol
Concen: 60.77 ppbV
RT: 5.390 min Scan# 401
Delta R.T. 0.094 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 31 Resp: 1272279

Ion	Ratio	Lower	Upper
31	100		
45	39.6	32.2	48.4

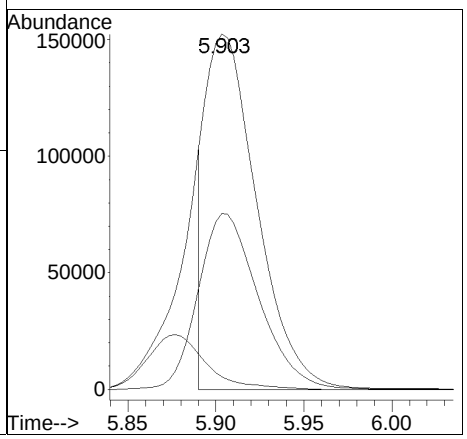


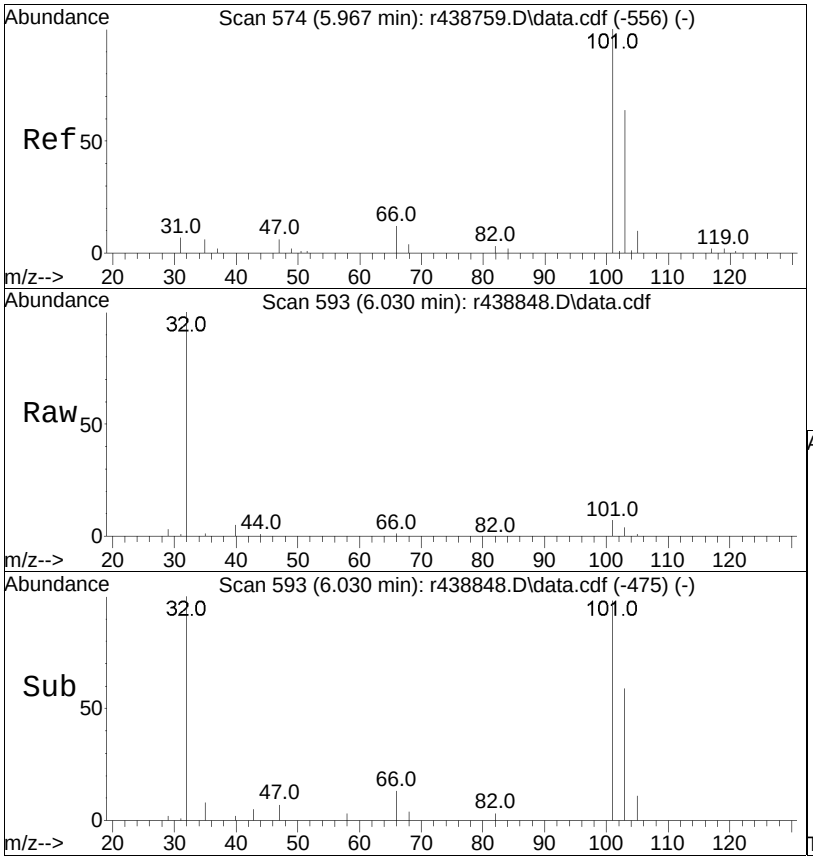


#19
acetone
Concen: 8.91 ppbV m
RT: 5.903 min Scan# 555
Delta R.T. 0.100 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 43 Resp: 309506

Ion	Ratio	Lower	Upper
43	100		
58	49.5	36.8	55.2
57	3.5	1.0	1.4#

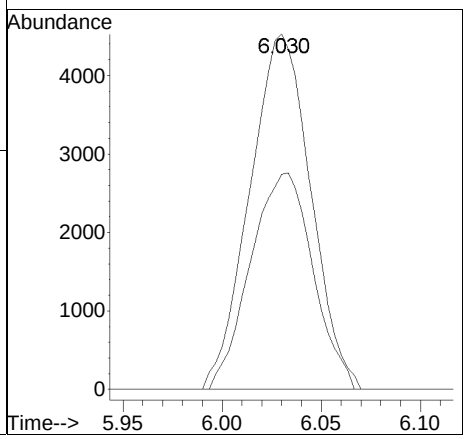


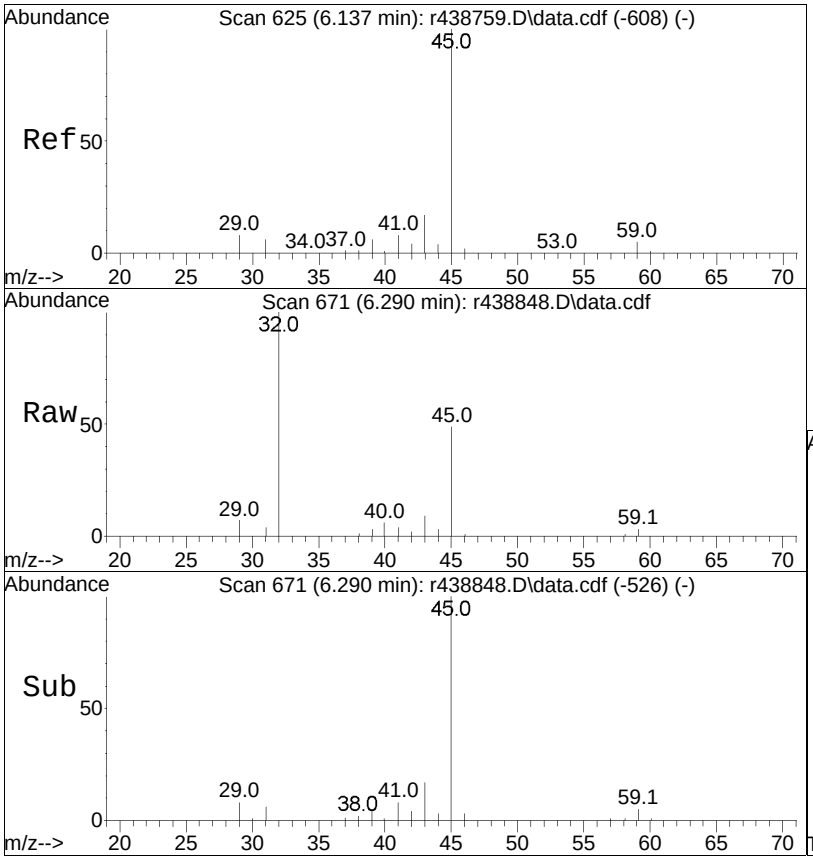


#21
trichlorofluoromethane
Concen: 0.21 ppbV
RT: 6.030 min Scan# 593
Delta R.T. 0.063 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion:101 Resp: 9680

Ion	Ratio	Lower	Upper
101	100		
103	60.5	51.0	76.4

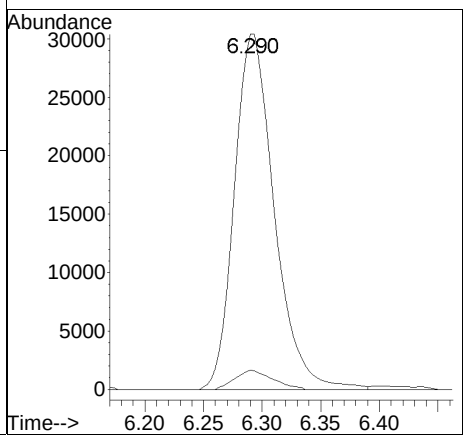


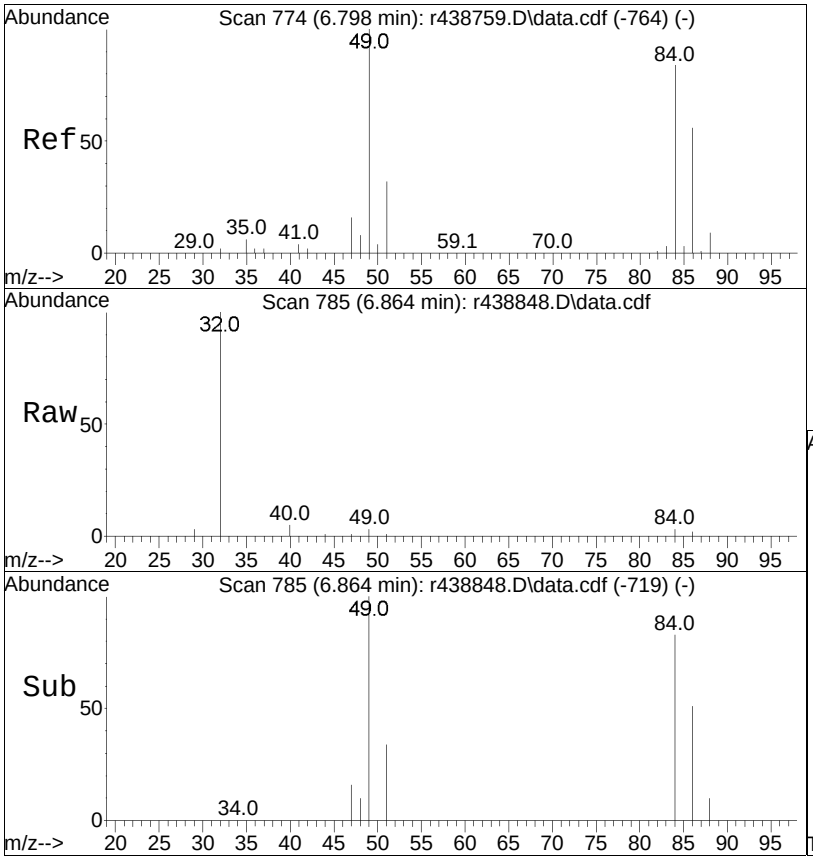


#22
isopropyl alcohol
Concen: 1.56 ppbV
RT: 6.290 min Scan# 671
Delta R.T. 0.153 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 45 Resp: 72119

Ion	Ratio	Lower	Upper
45	100		
59	5.4	4.2	6.4

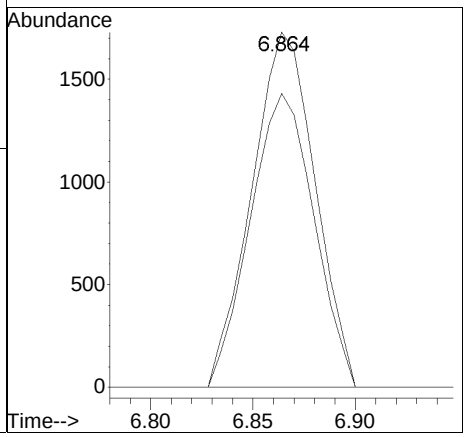


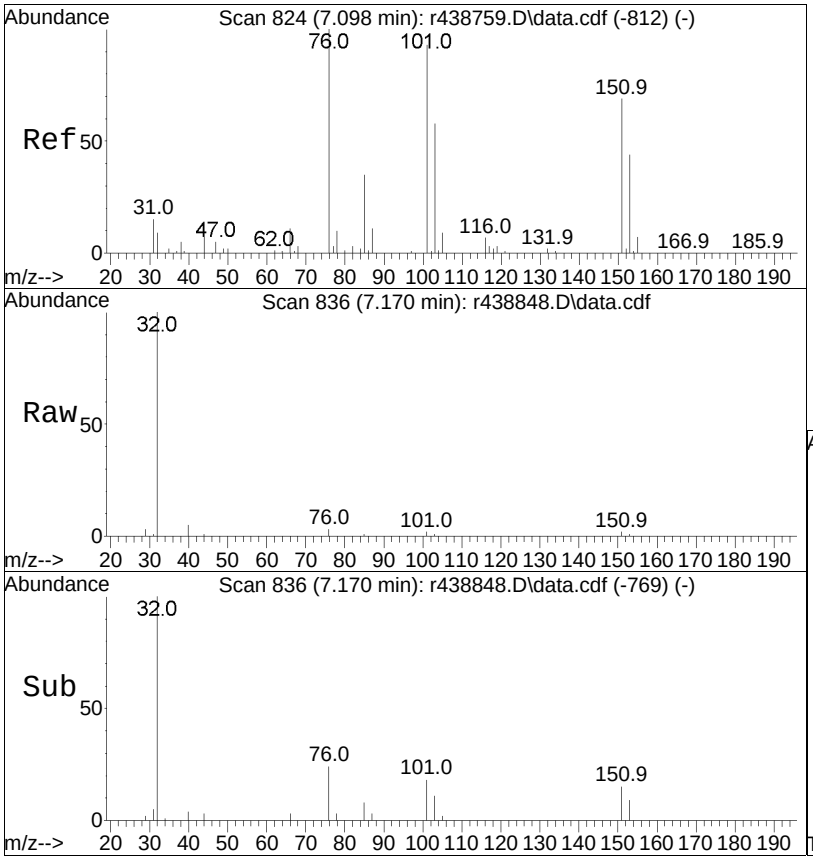


#28
methylene chloride
Concen: 0.13 ppbV
RT: 6.864 min Scan# 785
Delta R.T. 0.066 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 49 Resp: 3735

Ion	Ratio	Lower	Upper
49	100		
84	82.7	67.6	101.4

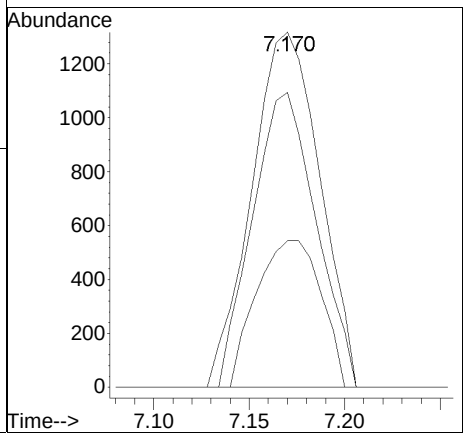


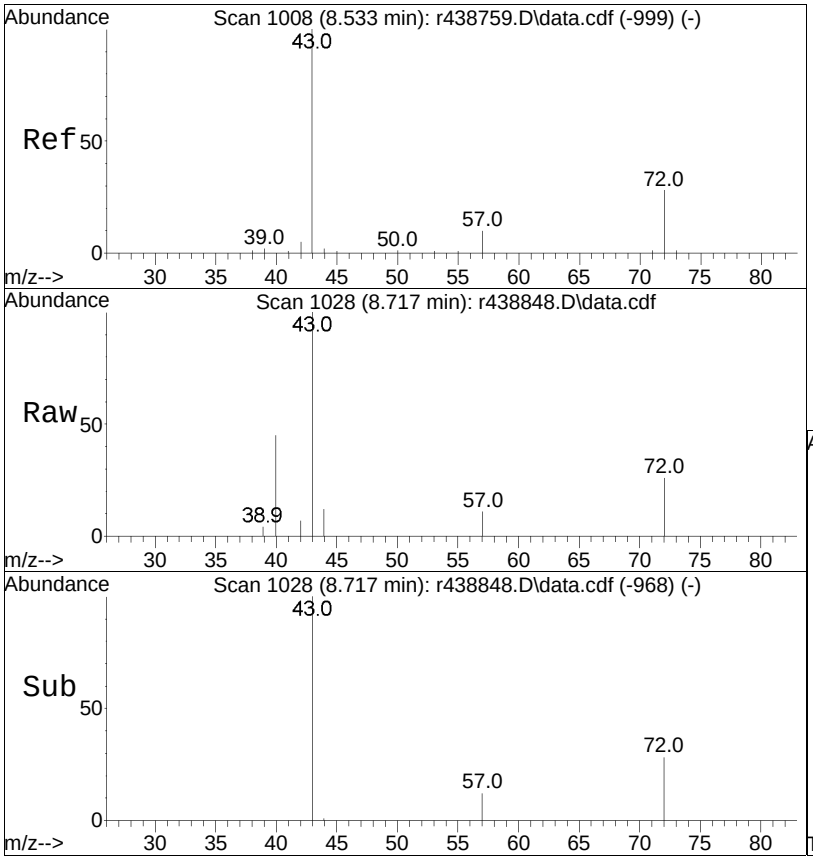


#31
Freon 113
Concen: 0.07 ppbV
RT: 7.170 min Scan# 836
Delta R.T. 0.072 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion:101 Resp: 3275

Ion	Ratio	Lower	Upper
101	100		
85	41.2	29.8	44.6
151	83.0	59.2	88.8

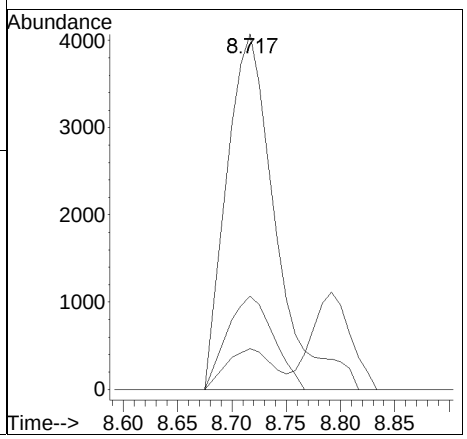


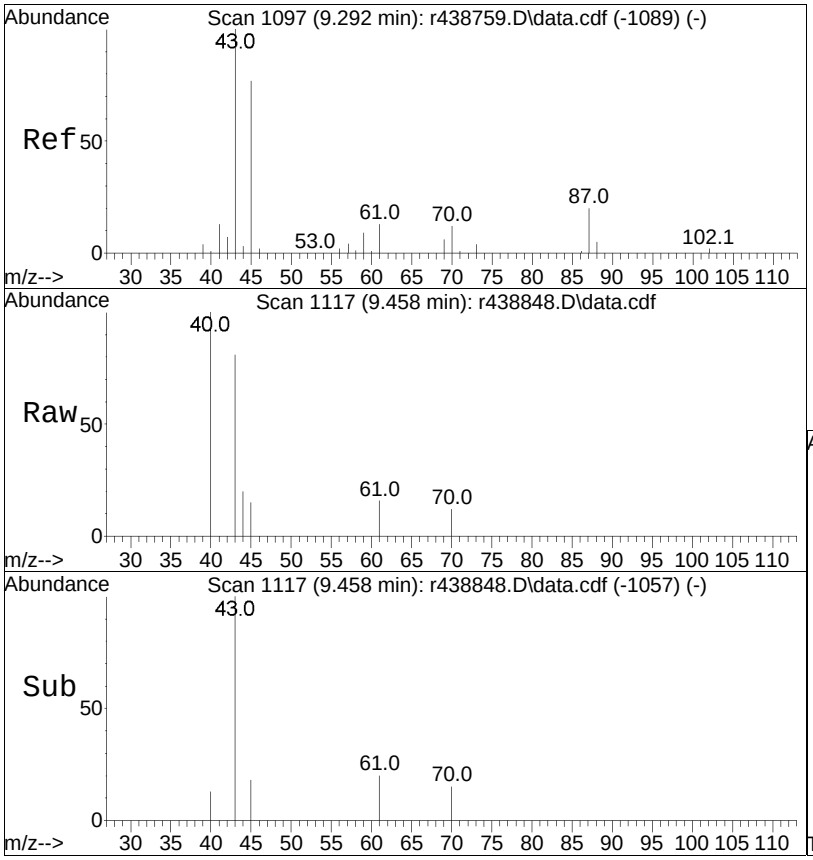


#36
2-butanone
Concen: 0.22 ppbV
RT: 8.717 min Scan# 1028
Delta R.T. 0.183 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 43 Resp: 12531

Ion	Ratio	Lower	Upper
43	100		
72	26.2	22.2	33.2
57	11.5	7.9	11.9

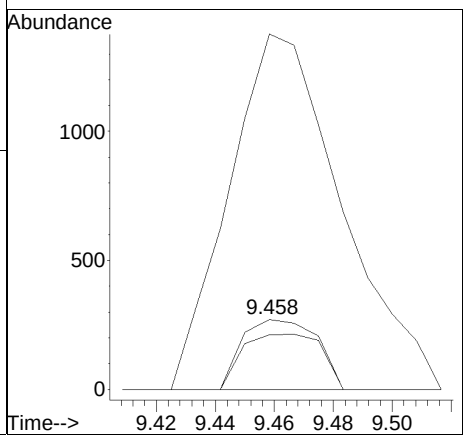


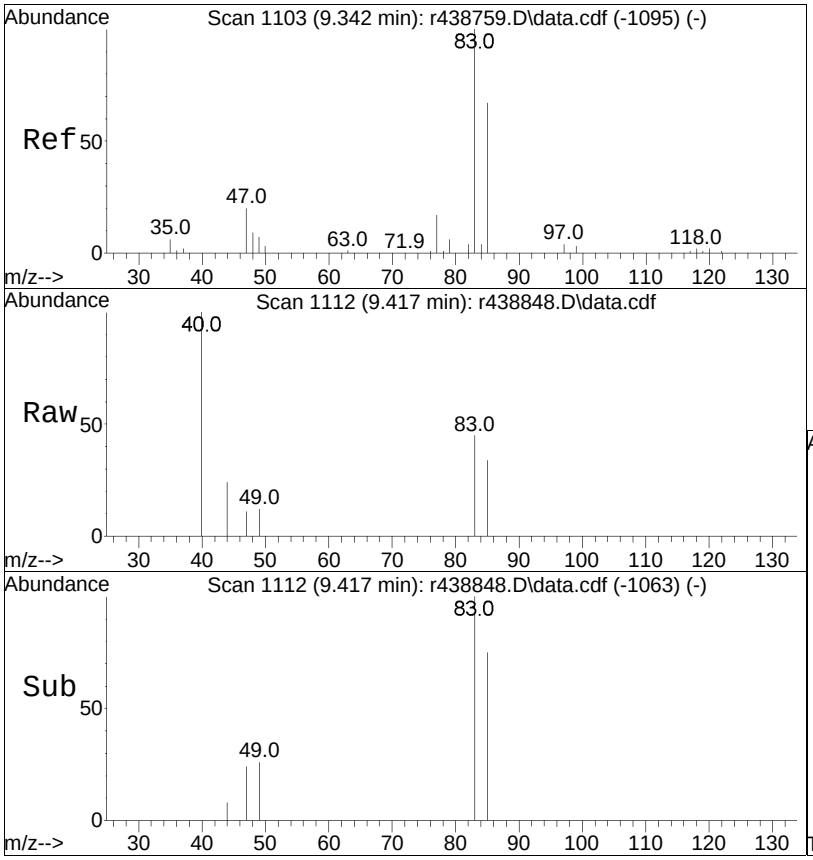


#38
Ethyl Acetate
Concen: 0.04 ppbV
RT: 9.458 min Scan# 1117
Delta R.T. 0.167 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 61 Resp: 479

Ion	Ratio	Lower	Upper
61	100		
70	78.2	71.0	106.6
43	508.1	625.8	938.6#

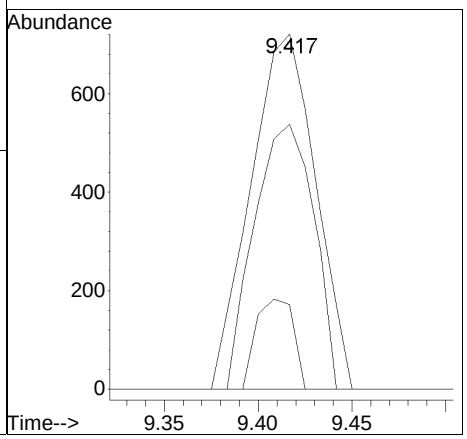


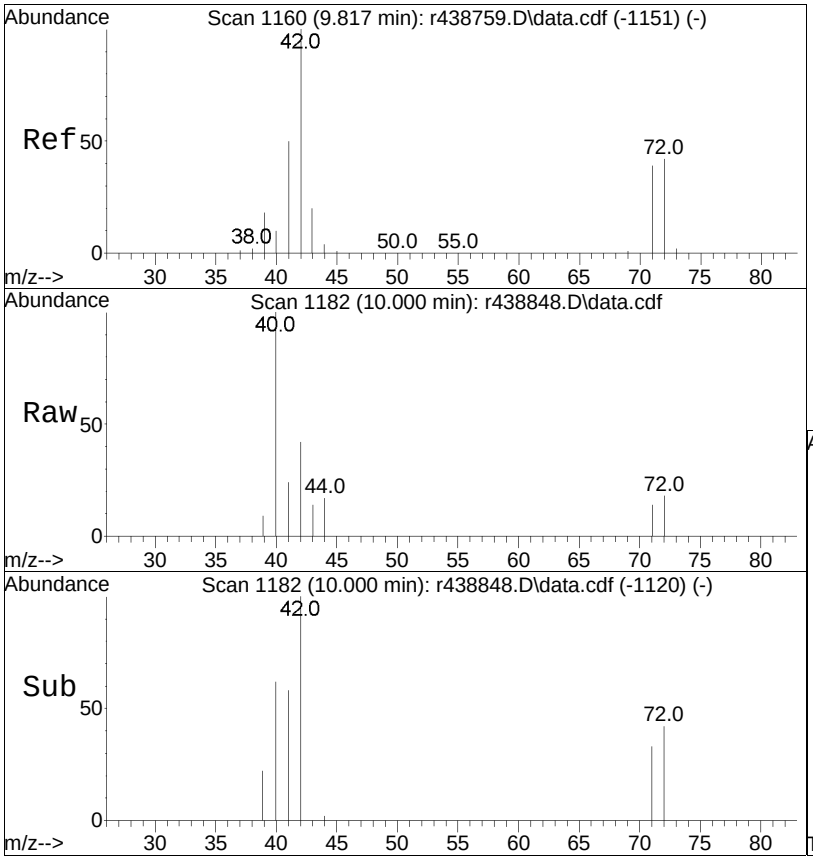


#39
chloroform
Concen: 0.04 ppbV
RT: 9.417 min Scan# 1112
Delta R.T. 0.075 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 83 Resp: 1738

Ion	Ratio	Lower	Upper
83	100		
85	74.6	53.7	80.5
47	23.9	16.0	24.0

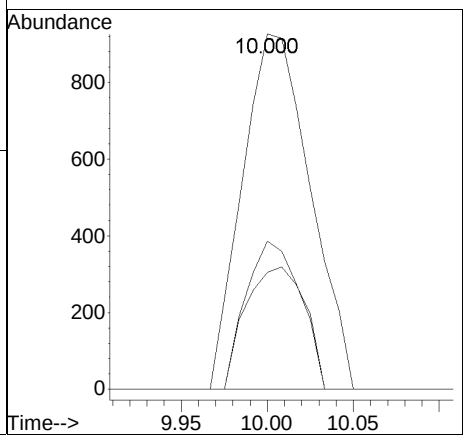


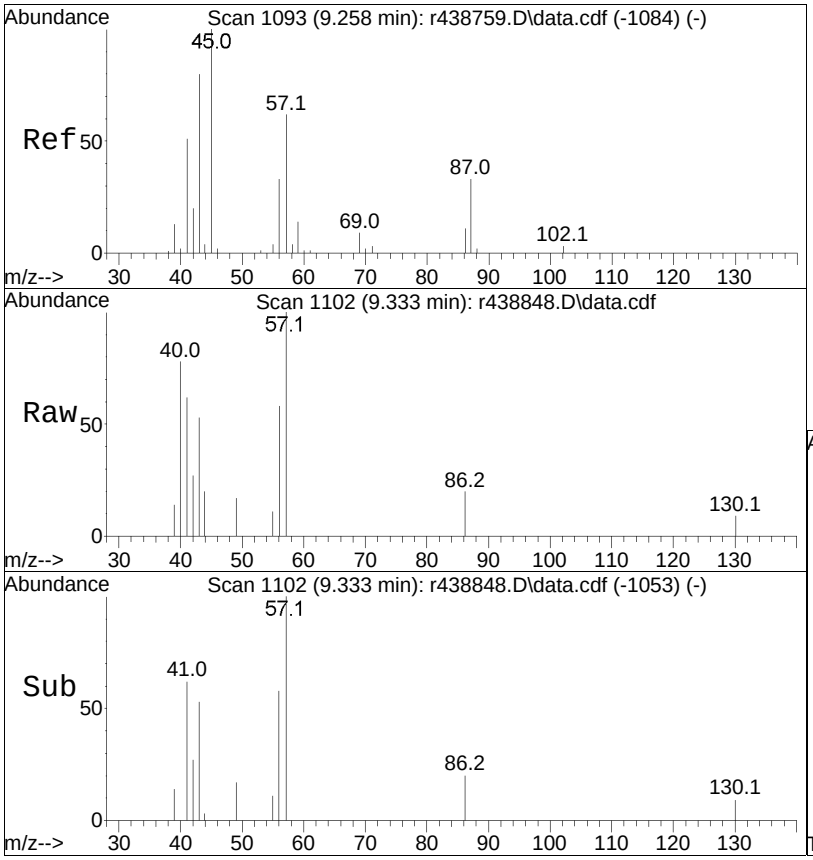


#40
Tetrahydrofuran
Concen: 0.09 ppbV
RT: 10.000 min Scan# 1182
Delta R.T. 0.183 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 42 Resp: 2549

Ion	Ratio	Lower	Upper
42	100		
71	32.9	31.2	46.8
72	41.7	33.8	50.8

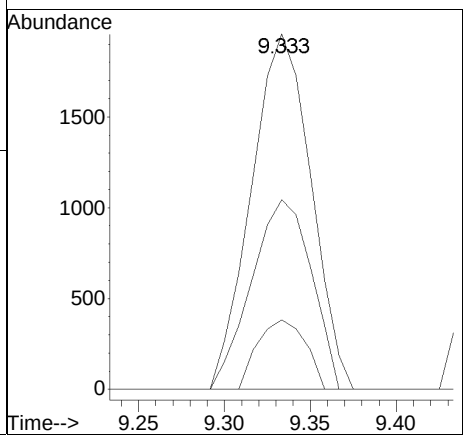


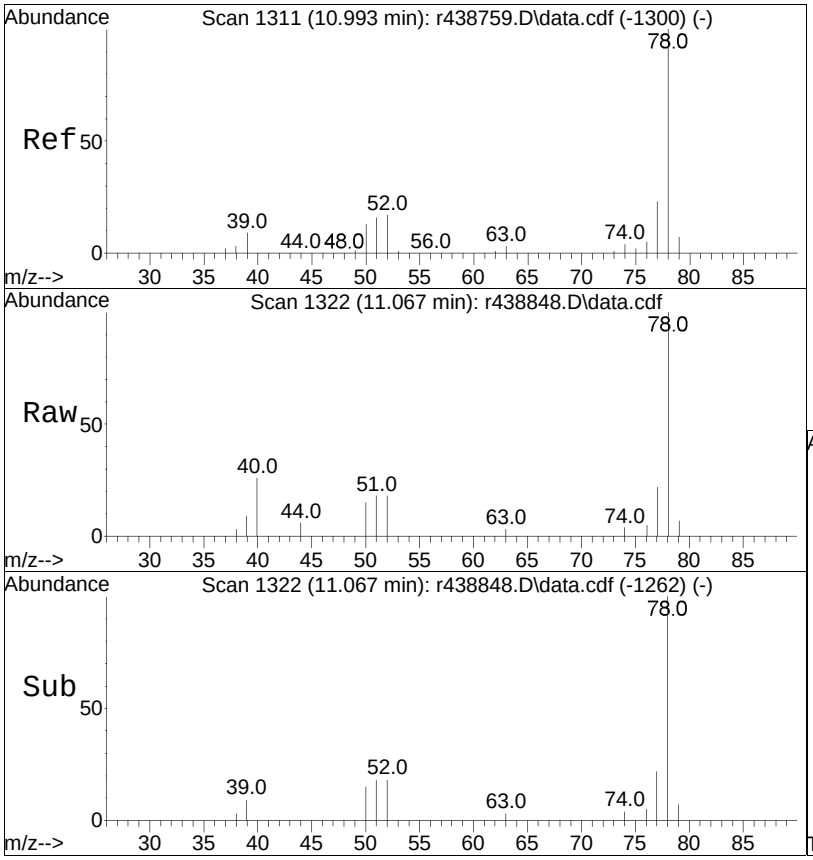


#44
hexane
Concen: 0.10 ppbV
RT: 9.333 min Scan# 1102
Delta R.T. 0.075 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 57 Resp: 4726

Ion	Ratio	Lower	Upper
57	100		
43	53.4	102.6	153.8#
86	19.6	14.5	21.7

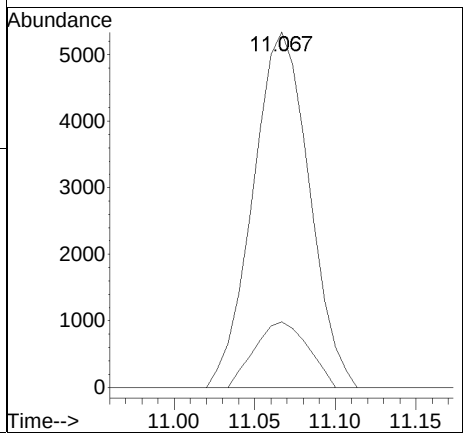


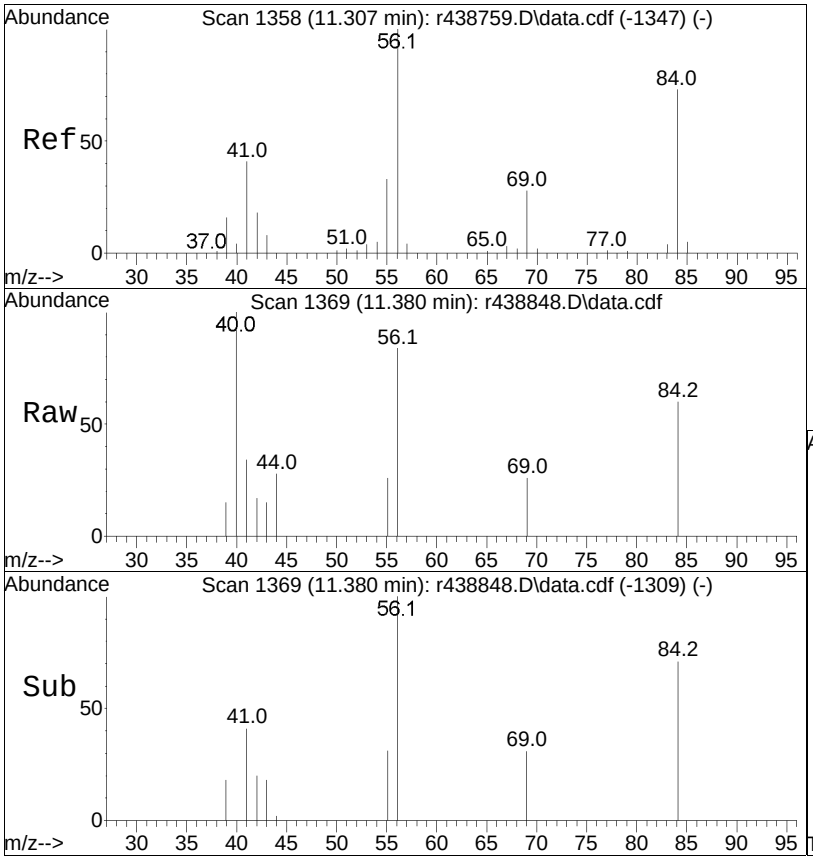


#50
benzene
Concen: 0.16 ppbV
RT: 11.067 min Scan# 1322
Delta R.T. 0.073 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 78 Resp: 12950

Ion	Ratio	Lower	Upper
78	100		
52	18.4	13.4	20.2

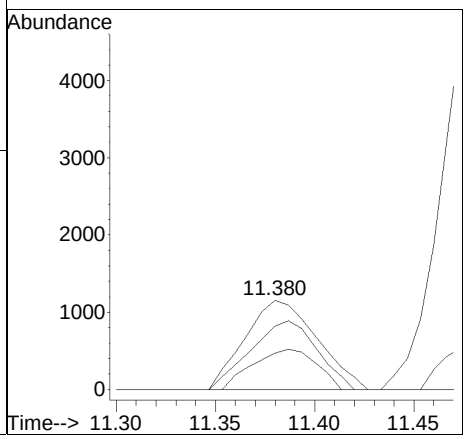


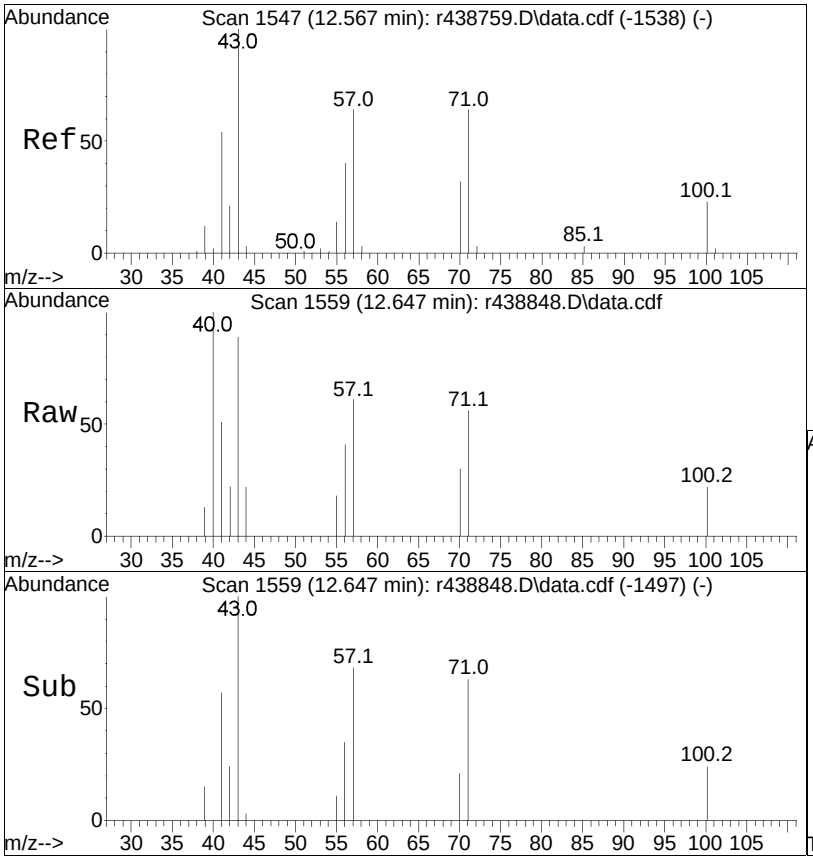


#53
cyclohexane
Concen: 0.06 ppbV
RT: 11.380 min Scan# 1369
Delta R.T. 0.073 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 56 Resp: 2912

Ion	Ratio	Lower	Upper
56	100		
84	71.1	58.6	88.0
41	40.8	32.6	49.0

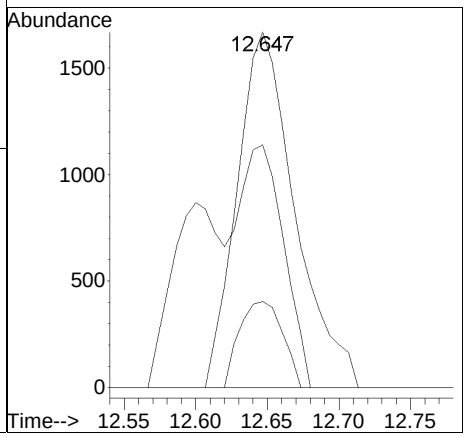


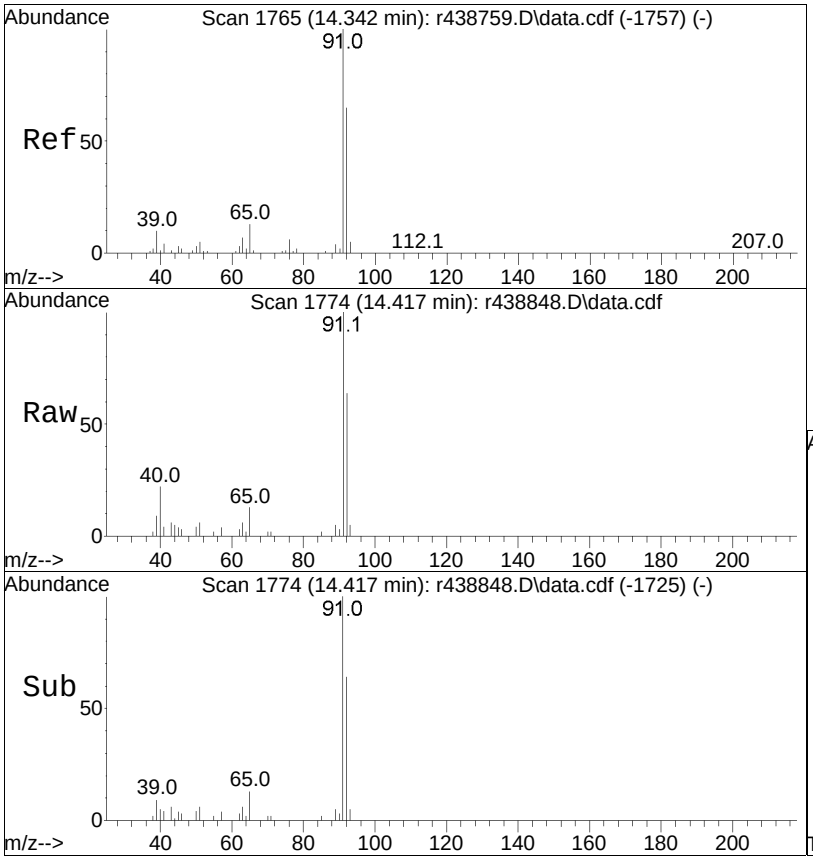


#62
heptane
Concen: 0.10 ppbV
RT: 12.647 min Scan# 1559
Delta R.T. 0.080 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 43 Resp: 4698

Ion	Ratio	Lower	Upper
43	100		
57	68.3	51.4	77.2
100	24.2	19.0	28.4

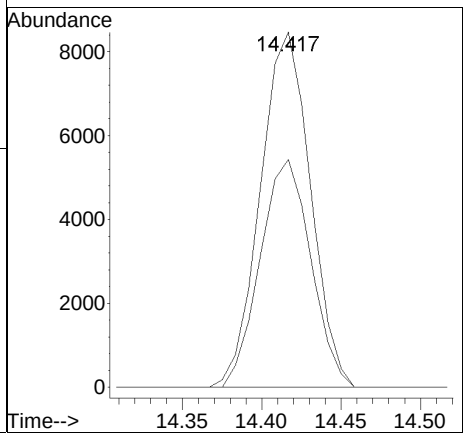


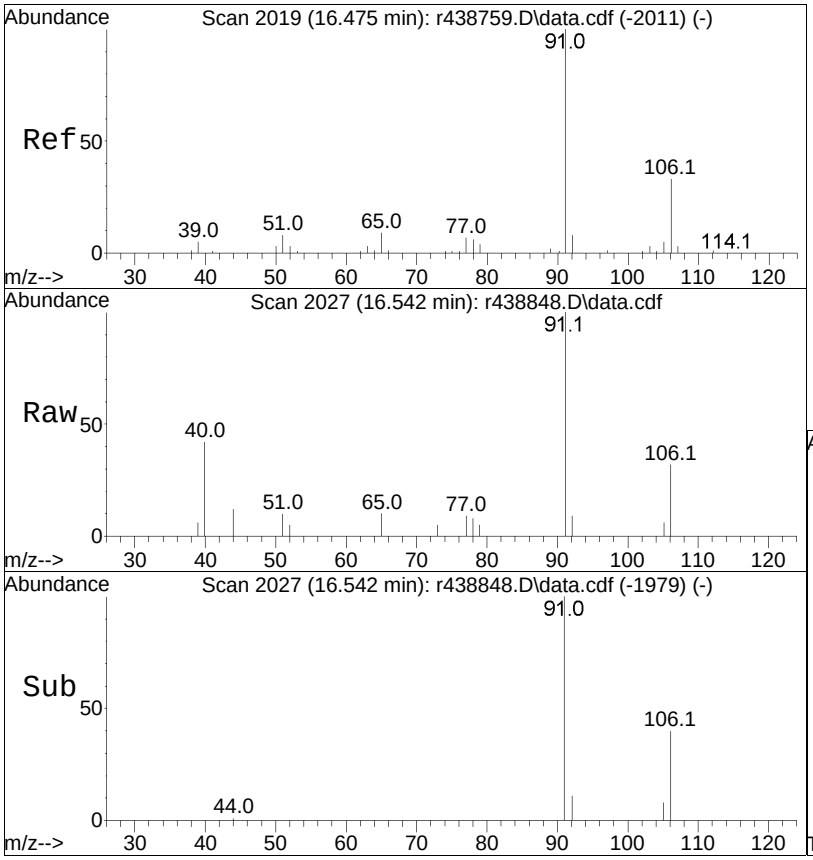


#68
toluene
Concen: 0.16 ppbV
RT: 14.417 min Scan# 1774
Delta R.T. 0.075 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 91 Resp: 18591

Ion	Ratio	Lower	Upper
91	100		
92	64.1	51.7	77.5

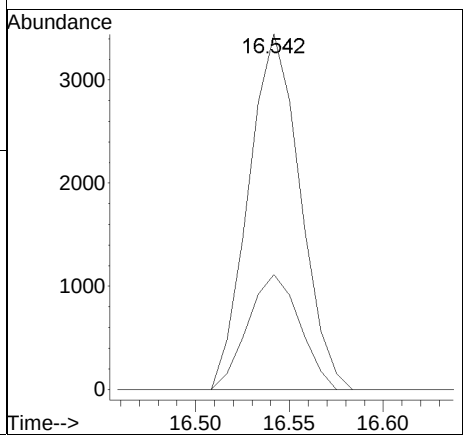


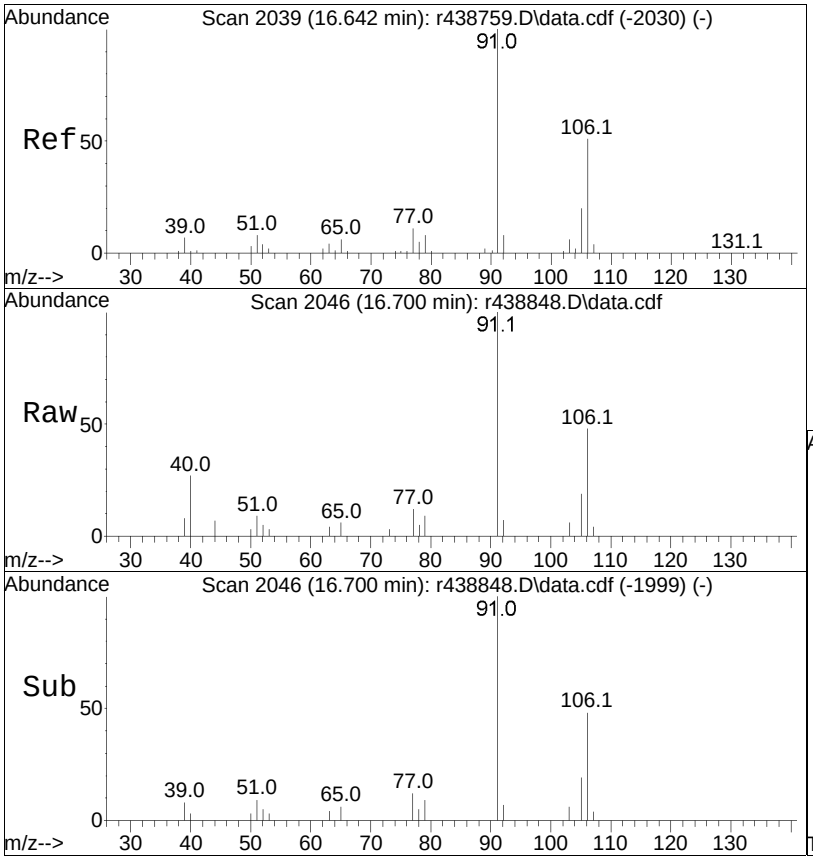


#81
ethylbenzene
Concen: 0.05 ppbV
RT: 16.542 min Scan# 2027
Delta R.T. 0.067 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 91 Resp: 6615

Ion	Ratio	Lower	Upper
91	100		
106	32.3	26.7	40.1

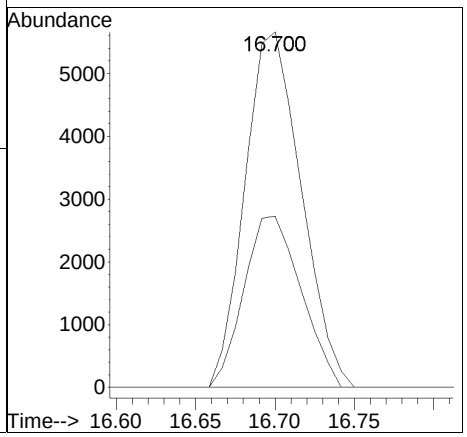


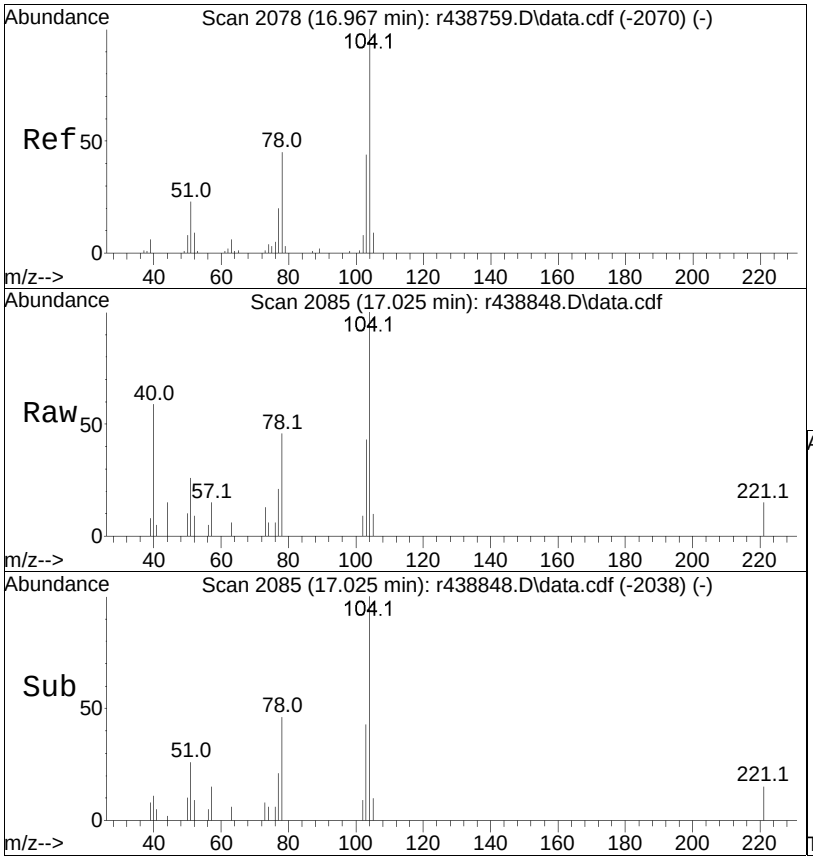


#83
m+p-xylene
Concen: 0.12 ppbV
RT: 16.700 min Scan# 2046
Delta R.T. 0.058 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 91 Resp: 13984

Ion	Ratio	Lower	Upper
91	100		
106	48.2	40.8	61.2

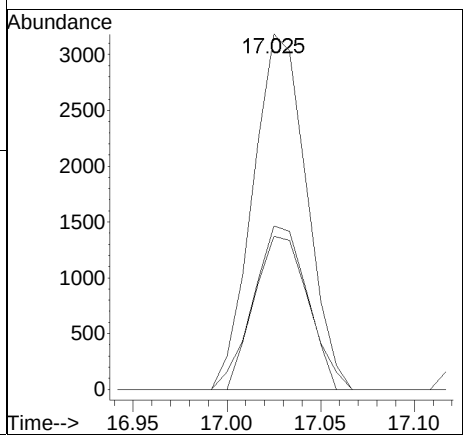


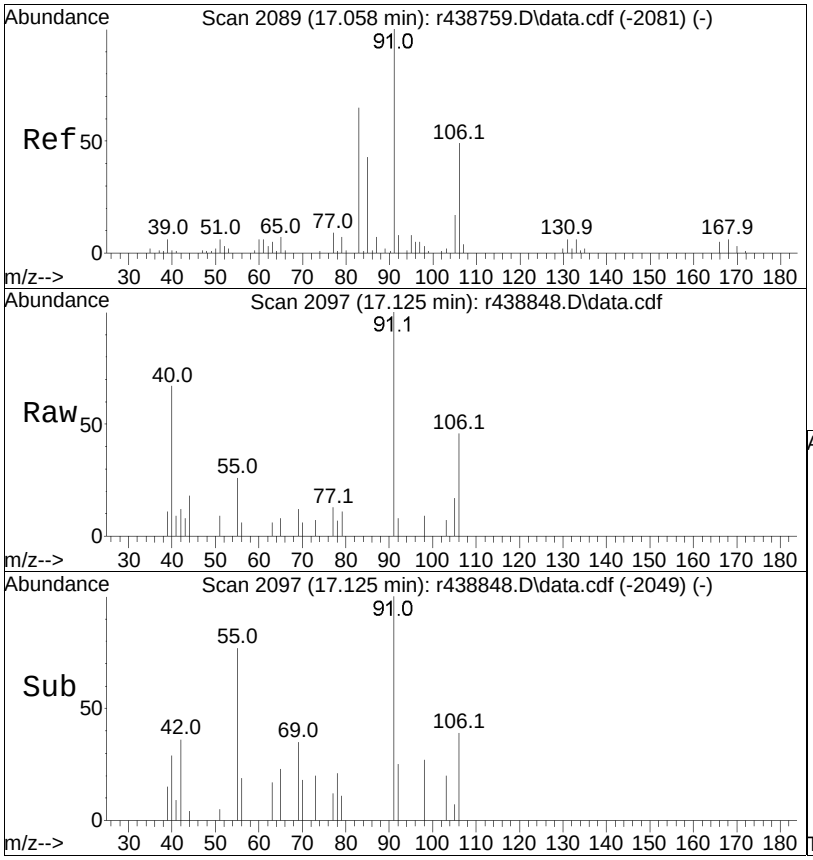


#85
styrene
Concen: 0.07 ppbV
RT: 17.025 min Scan# 2085
Delta R.T. 0.058 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion:104 Resp: 6346

Ion	Ratio	Lower	Upper
104	100		
103	43.1	35.4	53.0
78	46.0	35.8	53.6

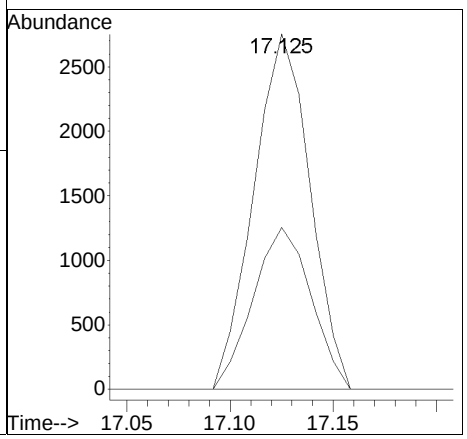


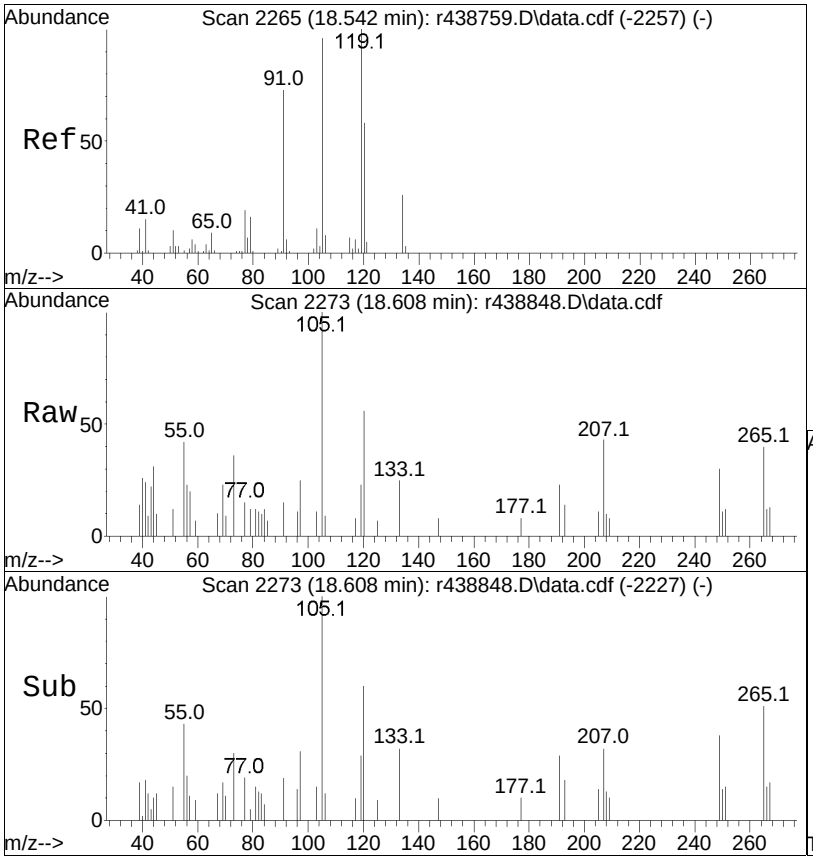


#87
o-xylene
Concen: 0.05 ppbV
RT: 17.125 min Scan# 2097
Delta R.T. 0.067 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion: 91 Resp: 5220

Ion	Ratio	Lower	Upper
91	100		
106	45.6	39.4	59.0

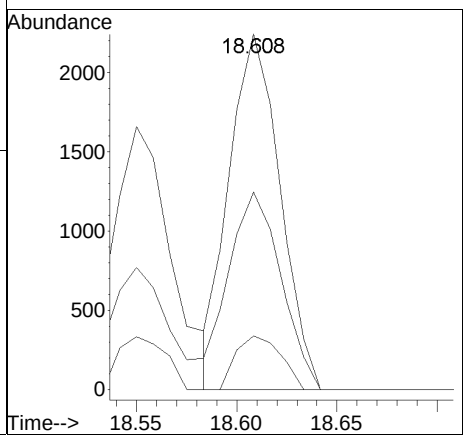




#99
1,2,4-trimethylbenzene
Concen: 0.03 ppbV m
RT: 18.608 min Scan# 2273
Delta R.T. 0.067 min
Lab File: r438848.D
Acq: 27 Feb 2025 11:10 PM

Tgt Ion:105 Resp: 3968

Ion	Ratio	Lower	Upper
105	100		
120	55.5	48.9	73.3
91	15.1	61.0	91.4#

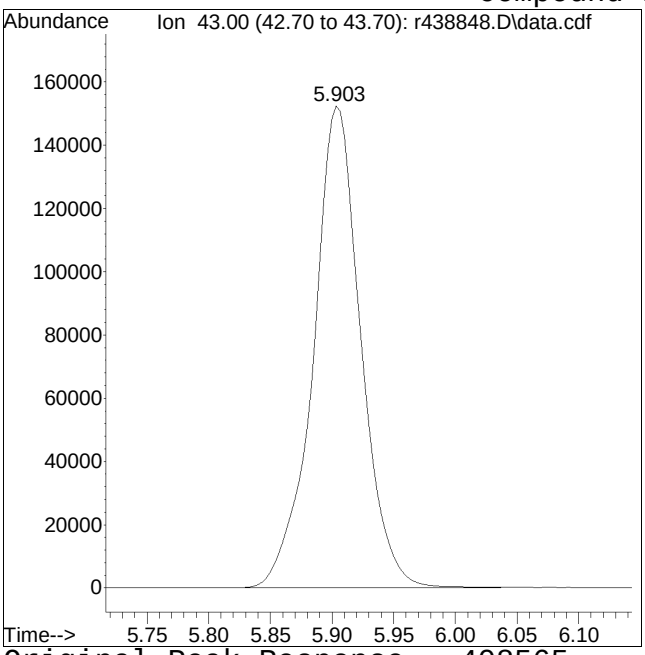


Manual Integration Report

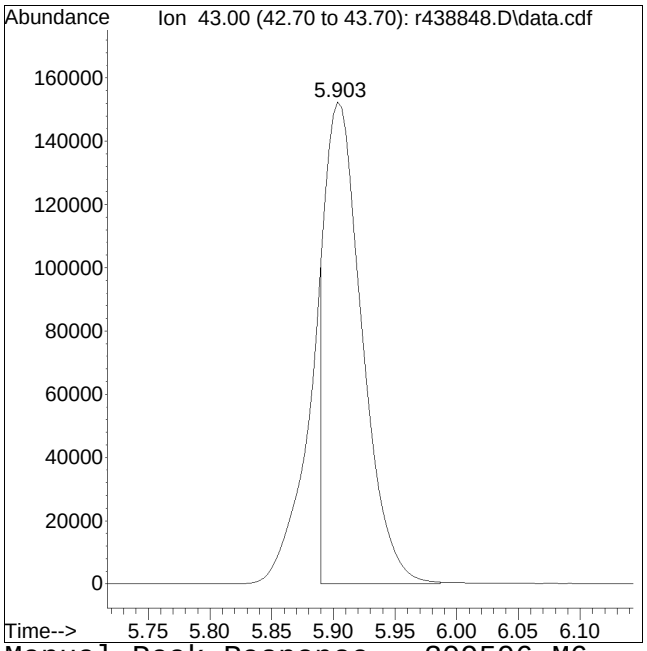
Data Path : X:\Airlab\Data\Airpiano4\2Q
Data File : r438848.D
Date Inj'd : 2/27/2025 11:10 PM
Sample : WG2034926-5,3,250,250

Method : TFS4_250223.M
Operator : AIRPIANO4:TPH
Instrument :
Quant Date : 2/28/2025 7:49 am

Compound #19: acetone



Original Peak Response = 408565



Manual Peak Response = 309506 M6

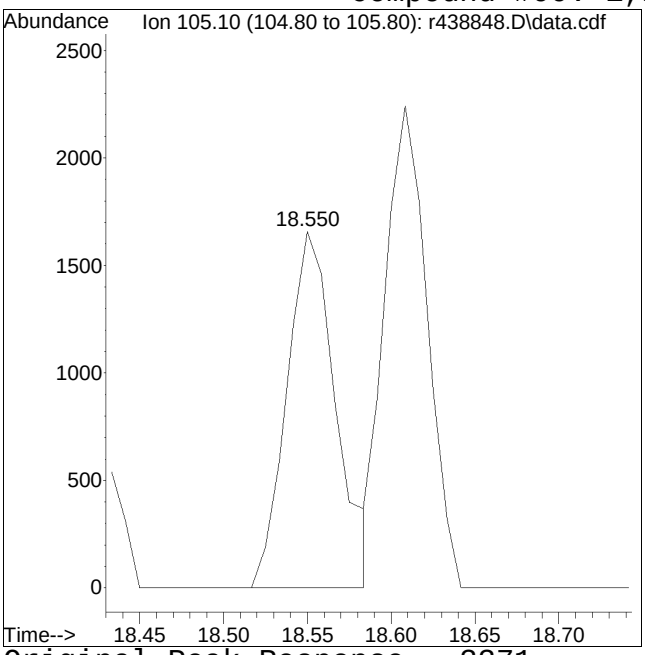
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

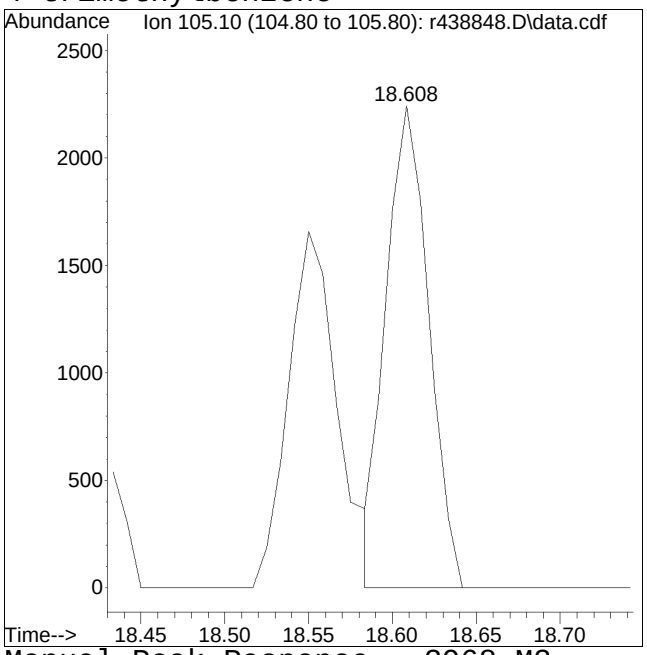
Data Path : X:\Airlab\Data\Airpiano4\2Q
Data File : r438848.D
Date Inj'd : 2/27/2025 11:10 PM
Sample : WG2034926-5,3,250,250

Method : TFS4_250223.M
Operator : AIRPIANO4:TPH
Instrument :
Quant Date : 2/28/2025 7:49 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 3371



Manual Peak Response = 3968 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Calculation of Volatile Organic Compounds in Air

The instrument will calculate the concentration (ppbv). If the sample is diluted (DF), the result is multiplied by the DF to generate the final result.

Result, ppbv = C_s x DF
Where:
C_s = Concentration of sample (ppbv)
DF = Dilution Factor

Calculation of Instrument Dilution Factor

For dilutions, smaller sample volumes (< 250mL) are analyzed. The smallest volume that can be analyzed with accuracy is 10 mL.

Samples that arrive at the laboratory with pressures below -15 inches Hg must be pressurized with zero air to greater than -15 inches Hg. This pressurization results in a dilution factor.

Calculation of Dilution Factor
$DF = V_{cf} / V_{ci}$
Where:
V_{ci} = volume of air in canister prior to pressurization, L
P =

Conversion of ppbv to ug/m^3
ug/m^3 = (ppbv) * MW / 24.47
Where:
24.47 = molar gas constant (g/g-mole)
MW = molecular weight of the compound of interest

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

$V_{ci} = 2.7 * Pl/14.696$

Step 2: Calculate the volume in the canister after pressurization.

$V_{cf} = 2.7 * PF/14.696$

Step 3: Calculate the dilution factor.

$DF = V_{cf} / V_{ci}$

Where:

V_{ci} = volume of air in canister prior to pressurization, L
PI = pressure reading of canister prior to pressurization (psia)
V_{cf} = volume of air in canister after pressurization, L
PF = pressure reading of canister after pressurization (psia)
DF = dilution factor
14.696 = atmospheric pressure (psia)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Feb 28 2025, 02:21 pm

Work Group: WG2034926 for Department: 3 GC/MS

Created: 27-FEB-25 Due: Operator: DJR

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2508024-01	VMP-IA	S	TO15-LL	SOIL_VAPOR	DONE	U	0313	0226	S0	Can-6
L2509420-01	SVE-INF	S	TO15-LL	SOIL_VAPOR	DONE	U	0322	0227	S0	Tedlar-Poly5
L2509420-02	GAC-2-EFF	S	TO15-LL	SOIL_VAPOR	DONE	U	0322	0227	S0	Tedlar-Poly5
L2509830-01	OLINVILLE-IA-B01	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509830-02	OLINVILLE-IA-B02	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509830-03	OLINVILLE-IA-B03	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509830-04	OLINVILLE-IA-B04	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509830-05	OLINVILLE-IA-B05	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509830-06	OLINVILLE-IA-B06	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509830-07	OLINVILLE-IA-B07	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509830-08	OLINVILLE-IA-B08	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509830-09	OLINVILLE-AA-01	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509833-01	BARKER-IA-B01	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509833-02	BARKER-IA-B02	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509833-03	BARKER-IA-B03	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509833-04	BARKER-IA-B04	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509833-05	BARKER-IA-B05	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509833-06	BARKER-IA-B06	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509833-07	BARKER-IA-B07	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
L2509833-08	BARKER-AA-01	S	TO15-LL	AIR	DONE	U	0323	0228	3E	Can-6
WG2034926-1	MS BFB Tune Standard	S	TO15-LL	AIR	DONE	U				
WG2034926-1	MS BFB Tune Standard	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2034926-2	Continuing Calibrati	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2034926-2	Continuing Calibrati	S	TO15-LL	AIR	DONE	U				
WG2034926-3	Laboratory Control S	S	TO15-LL	AIR	DONE	U				
WG2034926-3	Laboratory Control S	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2034926-4	Laboratory Method Bl	S	TO15-LL	AIR	DONE	U				
WG2034926-4	Laboratory Method Bl	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2034926-5	Duplicate Sample	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2034926-5	Duplicate Sample	S	TO15-LL	AIR	DONE	U				

Comments:

WG2034926-5 L2509830-06

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRPIANO4

Internal Standard/Surrogate IDs: SS22-029 / SS21-026

Date: 02/23/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: BJB

Sequence File Name: 250223.S

Position #	Sample ID	Acquisition Method	Data File ID	Standard ID of Batch ID #, ICAL	Comment (s)	Product/ sublist	Leak Check
1	TA4022301	TO15_SFS.qgm	R438751.qgd	250ml	TUNE		NA
5	ITO15-SIMSTD0.02	TO15_SFS.qgm	R438752.qgd	50 mL SS24-035D	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.05	TO15_SFS.qgm	R438753.qgd	125 mL SS24-035D	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.1	TO15_SFS.qgm	R438754.qgd	250 mL SS24-035D	SIM ONLY	DEF	NA
6	ITO15-SIMSTD0.2	TO15_SFS.qgm	R438755.qgd	50 mL SS24-035C		DEF	NA
6	ITO15-SIMSTD0.5	TO15_SFS.qgm	R438756.qgd	125 mL SS24-035C		DEF	NA
6	ITO15-SIMSTD1.0	TO15_SFS.qgm	R438757.qgd	250 mL SS24-035C		DEF	NA
7	ITO15-SIMSTD5.0	TO15_SFS.qgm	R438758.qgd	125 mL SS24-035B		DEF	NA
7	ITO15-SIMSTD010	TO15_SFS.qgm	R438759.qgd	250 mL SS24-035B		DEF	NA
8	ITO15-SIMSTD020	TO15_SFS.qgm	R438760.qgd	50 mL SS24-035A		DEF	NA
8	ITO15-SIMSTD050	TO15_SFS.qgm	R438761.qgd	125 mL SS24-035A		DEF	NA
8	ITO15-LLSTD100	TO15_SFS.qgm	R438762.qgd	250 mL SS24-035A	LL ONLY	DEF	NA
1	BA4022301	TO15_SFS.qgm	R438763.qgd	250 mL			NA
1	BA4022302	TO15_SFS.qgm	R438764.qgd	250 mL			NA
2	CTO15-LLSTD010	TO15_SFS.qgm	R438765.qgd	250 mL SS25-001F	LL ICV	DEF	NA
2	CTO15-SIMSTD5.0	TO15_SFS.qgm	R438766.qgd	125 mL SS25-001F	SIM ICV	DEF	NA

Alpha Analytical Air Lab
Instrument Run Log

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRPIANO4

Internal Standard/Surrogate IDs: SS22-029 / SS21-026

Date: 02/27/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: JFI/DJR

Sequence File Name: 250227.S

AS Position	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL	Comment (s)	Product/ sublist	Leak Check
1	TA402112501	TO15_SFS.qgm	R438834.qgd	250 mL	TUNE		NA
2	CCAL-TO15-LL10.0	TO15_SFS.qgm	R438835.qgd	250 mL SS25-003E	CC		NA
4	CTO15-LLSTD010.0	TO15_SFS.qgm	R438836.qgd	250 mL SS25-001D	LL LCS	Narrate VA	NA
4	CTO15-SIMSTD05.0	TO15_SFS.qgm	R438837.qgd	125 mL SS25-001D	SIM LCS		NA
1	BA402112501	TO15_SFS.qgm	R438838.qgd	250 mL	LL BLANK		NA
1	BA402112502	TO15_SFS.qgm	R438839.qgd	250 mL	SIM BLANK		NA
2	L2509830-09,3,250,250	TO15_SFS.qgm	R438840.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
3	L2509833-08,3,250,250	TO15_SFS.qgm	R438841.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
4	L2509830-01,3,250,250	TO15_SFS.qgm	R438842.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
5	L2509830-02,3,250,250	TO15_SFS.qgm	R438843.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
6	L2509830-03,3,250,250	TO15_SFS.qgm	R438844.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
7	L2509830-04,3,250,250	TO15_SFS.qgm	R438845.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
8	L2509830-05,3,250,250	TO15_SFS.qgm	R438846.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
9	L2509830-06,3,250,250	TO15_SFS.qgm	R438847.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
9	L2509830-06DUP,3,250,250	TO15_SFS.qgm	R438848.qgd	WG2034926,ICAL21830	LL/SIM DUP	NY-7sim+naph by sim	Y
10	L2509830-07,3,250,250	TO15_SFS.qgm	R438849.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
11	L2509830-08,3,250,250	TO15_SFS.qgm	R438850.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
12	L2509833-01,3,250,250	TO15_SFS.qgm	R438851.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
13	L2509833-02,3,250,250	TO15_SFS.qgm	R438852.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
14	L2509833-03,3,250,250	TO15_SFS.qgm	R438853.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y

Alpha Analytical Air Lab
Instrument Run Log

15	L2509833-04,3,250,250	TO15_SFS.qgm	R438854.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
16	L2509833-05,3,250,250	TO15_SFS.qgm	R438855.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
1	L2509833-06,3,250,250	TO15_SFS.qgm	R438856.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
2	L2509833-07,3,250,250	TO15_SFS.qgm	R438857.qgd	WG2034926,ICAL21830		NY-7sim+naph by sim	Y
3	L2508024-01,3,250,250	TO15_SFS.qgm	R438858.qgd	WG2034926,ICAL21830		NY+naph	Y
4	L2509420-02D,3,45,250	TO15_SFS.qgm	R438859.qgd	WG2034926,ICAL21830	HEXANE OVERCAL	NY+naph	Y
5	L2509420-01D,3,30,250	TO15_SFS.qgm	R438860.qgd	WG2034926,ICAL21830	HEXANE OVERCAL	NY+naph	Y
4	L2509420-02D2,3,25,250	TO15_SFS.qgm	R438861.qgd	WG2034926,ICAL21830		HEXANE	Y
5	L2509420-01D2,3,15,250	TO15_SFS.qgm	R438862.qgd	WG2034926,ICAL21830		HEXANE	Y

Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2536987

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Project Name: 1885 ATLANTIC AVE.
Project Number: 0205125

Lab Number: L2536987
Report Date: 06/24/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2536987-01	SVE-INF_20250612	SOIL_VAPOR	1885 ATLANTIC AVE., BROOKLYN, NY	06/12/25 12:30	06/12/25
L2536987-02	SVE-EFF_20250612	SOIL_VAPOR	1885 ATLANTIC AVE., BROOKLYN, NY	06/12/25 12:35	06/12/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Volatile Organics in Air

L2536987-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2536987-02D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to canister size. The pressurization resulted in a dilution of the sample. The reporting limits have been elevated accordingly.

L2536987: Samples were transferred from a Tedlar bag into a fused silica lined canister upon receipt in order to extend the holding time for analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J Anderson Report Date: 06/24/25

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

ND or U - Not detected at the reporting limit (RL) for the sample.

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Pace Job Number : L2536987

Account Name : Haley & Aldrich
Project Number : 0205125
Project Name : 1885 ATLANTIC AVE.

Received : 12-JUN-2025
Reviewer : Christopher J Anderson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Present/Intact/NA			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Jun 24 2025, 03:35 pm

Login Number: L2536987
Account: HALEY-NYC Haley & AldrichProject: 0205125
Received: 12JUN25 Due Date: 19JUN25

Sample #	Client ID	Mat	PR	Collected
L2536987-01	SVE-INF_20250612	11	S0	12JUN25 12:30
| ASP-B Package Due Date: 06/19/25				
ASP-B,TEDLAR-POLY5,TO15-LL				
L2536987-02	SVE-EFF_20250612	11	S0	12JUN25 12:35
| Package Due Date: 06/19/25				
TEDLAR-POLY5,TO15-LL				

Logged By: Tyler Hatch

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 6/13/25

ALPHA Job #: L2536987

Client Information

Client: Haley & Aldrich of New York
Address: 213 W 35th St, 7th Floor
New York, NY, 10001
Phone: 973-658 3904
Fax:
Email: mforshay@haleyaldrich.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 1885 Atlantic Ave
Project Location: 1885 Atlantic Ave, Brooklyn, NY
Project #: 0205125
Project Manager: Matt Forshay
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH (Subtract Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
369B7-01	SVE-INF_20250612	6/12/25	12:30	12:35			SV	ZCR		—	—	X					5L Tedlar bags
02	SVE-EFF_20250612	6/12/25	12:35	—			SV	ZCR		—	—	X					5L Tedlar bag

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: T

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Zavier Richards	6/12/25 14:40		6/12/25 14:40
	6/12/25 18:24	Anthony Green	JUN 12 2025 2310
Anthony Green	6/13 0645		6/13 0305
			6/13/25 0645

Form No. 101-03 Rev. (05-Sep-15)

Supporting Documentation

Project Name: 1885 ATLANTIC AVE.

Project Number: 0205125

Lab Number: L2536987

Report Date: 06/24/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD

Organics

Volatile Organics in Air
TO-15 Low Level

Volatiles QC Summary

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2536987
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2080108-3	**Analysis Date** : 06/17/25 11:58	**File ID** : R264394
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
Dichlorodifluoromethane	10	9.15	92				-	70-130	-
Chloromethane	10	8.13	81				-	70-130	-
Freon-114	10	9.66	97				-	70-130	-
Vinyl chloride	10	8.69	87				-	70-130	-
1,3-Butadiene	10	8.14	81				-	70-130	-
Bromomethane	10	9.51	95				-	70-130	-
Chloroethane	10	8.38	84				-	70-130	-
Ethanol	50	37.0	74				-	40-160	-
Vinyl bromide	10	8.29	83				-	70-130	-
Acetone	50	39.6	79				-	40-160	-
Trichlorofluoromethane	10	8.76	88				-	70-130	-
Isopropanol	25	17.7	71				-	40-160	-
1,1-Dichloroethene	10	8.82	88				-	70-130	-
Tertiary butyl Alcohol	10	6.99	70				-	70-130	-
Methylene chloride	10	7.80	78				-	70-130	-
3-Chloropropene	10	6.95	70				-	70-130	-
Carbon disulfide	10	7.88	79				-	70-130	-
Freon-113	10	8.22	82				-	70-130	-
trans-1,2-Dichloroethene	10	7.52	75				-	70-130	-
1,1-Dichloroethane	10	7.56	76				-	70-130	-
Methyl tert butyl ether	10	7.44	74				-	70-130	-
2-Butanone	10	8.80	88				-	70-130	-
cis-1,2-Dichloroethene	10	9.45	94				-	70-130	-
Ethyl Acetate	10	10.6	106				-	70-130	-
Chloroform	10	9.81	98				-	70-130	-
Tetrahydrofuran	10	9.81	98				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2536987
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2080108-3	**Analysis Date** : 06/17/25 11:58	**File ID** : R264394
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dichloroethane	10	9.20	92				-	70-130	-
n-Hexane	10	11.0	110				-	70-130	-
1,1,1-Trichloroethane	10	10.3	103				-	70-130	-
Benzene	10	10.6	106				-	70-130	-
Carbon tetrachloride	10	10.4	104				-	70-130	-
Cyclohexane	10	10.4	104				-	70-130	-
1,2-Dichloropropane	10	10.6	106				-	70-130	-
Bromodichloromethane	10	11.2	112				-	70-130	-
1,4-Dioxane	10	10.5	105				-	70-130	-
Trichloroethene	10	10.1	101				-	70-130	-
2,2,4-Trimethylpentane	10	11.1	111				-	70-130	-
Heptane	10	10.6	106				-	70-130	-
cis-1,3-Dichloropropene	10	10.9	109				-	70-130	-
4-Methyl-2-pentanone	10	10.9	109				-	70-130	-
trans-1,3-Dichloropropene	10	11.8	118				-	70-130	-
1,1,2-Trichloroethane	10	11.1	111				-	70-130	-
Toluene	10	10.2	102				-	70-130	-
2-Hexanone	10	10.3	103				-	70-130	-
Dibromochloromethane	10	11.1	111				-	70-130	-
1,2-Dibromoethane	10	11.0	110				-	70-130	-
Tetrachloroethene	10	9.95	100				-	70-130	-
Chlorobenzene	10	10.2	102				-	70-130	-
Ethylbenzene	10	9.97	100				-	70-130	-
p/m-Xylene	20	20.8	104				-	70-130	-
Bromoform	10	11.0	110				-	70-130	-
Styrene	10	10.2	102				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2536987
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)		
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LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
1,1,2,2-Tetrachloroethane	10	11.5	115				-	70-130	-
o-Xylene	10	10.5	105				-	70-130	-
4-Ethyltoluene	10	10.6	106				-	70-130	-
1,3,5-Trimethylbenzene	10	10.5	105				-	70-130	-
1,2,4-Trimethylbenzene	10	10.8	108				-	70-130	-
Benzyl chloride	10	8.62	86				-	70-130	-
1,3-Dichlorobenzene	10	11.0	110				-	70-130	-
1,4-Dichlorobenzene	10	10.8	108				-	70-130	-
1,2-Dichlorobenzene	10	10.5	105				-	70-130	-
1,2,4-Trichlorobenzene	10	9.91	99				-	70-130	-
Naphthalene	10	9.41	94				-	70-130	-
Hexachlorobutadiene	10	9.51	95				-	70-130	-

Method Blank Summary
Form 4
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2536987
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Lab Sample ID	: WG2080108-4	**Lab File ID**	: R264396
Instrument ID	: AIRLAB26		
Matrix	: AIR	**Analysis Date**	: 06/17/25 15:27

Client Sample No.	Lab Sample ID	Analysis Date
WG2080108-3LCS	WG2080108-3	06/17/25 11:58
SV-2DUP	WG2080108-5	06/18/25 01:12
SVE-INF_20250612	L2536987-01D	06/18/25 02:46
SVE-EFF_20250612	L2536987-02D	06/18/25 03:19

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2536987
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB26	**Analysis Date**	: 04/03/25 00:31
Tune Standard	: WG2049329-1	**Tune File ID**	: R262653_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	12.6
75	30.0 - 66.0% of mass 95	41.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0 (0)1
174	50.0 - 120.0% of mass 95	91
175	4.0 - 9.0% of mass 174	7.1 (7.8)1
176	93.0 - 101% of mass 174	87.7 (96.4)1
177	5.0 - 9.0% of mass 176	5.9 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.2	R1949027-1	R262657	04/03/25 02:36
STD0.5	R1949027-2	R262658	04/03/25 03:11
STD1.0	R1949027-3	R262659	04/03/25 03:47
STD5.0	R1949027-4	R262660	04/03/25 04:21
STD010	R1949027-5	R262661	04/03/25 04:57
STD020	R1949027-6	R262662	04/03/25 05:30
STD050	R1949027-7	R262663	04/03/25 06:04
STD100	R1949027-8	R262664	04/03/25 06:40
ICV Quant Report	R1949027-9	R262667	04/03/25 15:34

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2536987
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB26	**Analysis Date**	: 06/17/25 10:41
Tune Standard	: WG2080108-1	**Tune File ID**	: R264392_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	13.4
75	30.0 - 66.0% of mass 95	42.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (.9)1
174	50.0 - 120.0% of mass 95	88.4
175	4.0 - 9.0% of mass 174	6.5 (7.4)1
176	93.0 - 101% of mass 174	84.2 (95.3)1
177	5.0 - 9.0% of mass 176	5.5 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2080108-2CCAL	WG2080108-2	R264394	06/17/25 11:58
WG2080108-3LCS	WG2080108-3	R264394	06/17/25 11:58
WG2080108-4BLANK	WG2080108-4	R264396	06/17/25 15:27
WG2080108-5DUP	WG2080108-5	R264408	06/18/25 01:12
SVE-INF_20250612	L2536987-01D	R264411	06/18/25 02:46
SVE-EFF_20250612	L2536987-02D	R264412	06/18/25 03:19

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2536987
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB26	**Analysis Date**	: 06/17/25 11:58:00
Sample No	: WG2080108-2	**Lab File ID**	: R264394

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG2080108-2	186317	3.51	725709	4.37	89519	6.45
Upper Limit	260844	3.84	1015993	4.70	125327	6.78
Lower Limit	111790	3.18	435425	4.04	53711	6.12
Sample ID						
WG2080108-3 LCS	186317	3.51	725709	4.37	89519	6.45
WG2080108-4 BLANK	179775	3.51	695369	4.37	86517	6.46
SV-2 DUP	198050	3.51	766901	4.37	100408	6.45
SVE-INF_20250612	198999	3.51	744022	4.37	99688	6.45
SVE-EFF_20250612	200325	3.51	748291	4.37	98874	6.45

Area Upper Limit = +40% of internal standard area
Area Lower Limit = - 40% of internal standard area

RT Upper Limit = +0.33 minutes of internal standard RT
RT Lower Limit = -0.33 minutes of internal standard RT

* Values outside of QC limits

Date Created: 04/17/25
Created By: Jason Hebert
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Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,1,1-Trichloroethane	71-55-6	0.2	0.0614	ppbV	70-130			25	25			
1,1,2,2-Tetrachloroethane	79-34-5	0.2	0.052	ppbV	70-130			25	25			
1,1,2-Trichloroethane	79-00-5	0.2	0.0582	ppbV	70-130			25	25			
1,1-Dichloroethane	75-34-3	0.2	0.0568	ppbV	70-130			25	25			
1,1-Dichloroethene	75-35-4	0.2	0.0568	ppbV	70-130			25	25			
1,2,3-Trimethylbenzene	526-73-8	0.2	0.0576	ppbV	70-130			25	25			
1,2,4-Trichlorobenzene	120-82-1	0.2	0.1	ppbV	70-130			25	25			
1,2,4-Trimethylbenzene	95-63-6	0.2	0.0577	ppbV	70-130			25	25			
1,2,4,5-Tetramethylbenzene	95-93-2	0.2	0.135	ppbV	70-130			25	25			
1,2-Dibromoethane	106-93-4	0.2	0.0544	ppbV	70-130			25	25			
1,2-Dichlorobenzene	95-50-1	0.2	0.0619	ppbV	70-130			25	25			
1,2-Dichloroethane	107-06-2	0.2	0.0787	ppbV	70-130			25	25			
1,2-Dichloropropane	78-87-5	0.2	0.0631	ppbV	70-130			25	25			
1,3,5-Trimethylbenzene	108-67-8	0.2	0.06	ppbV	70-130			25	25			
1,3-Butadiene	106-99-0	0.2	0.0619	ppbV	70-130			25	25			
1,3-Dichlorobenzene	541-73-1	0.2	0.0777	ppbV	70-130			25	25			
1,4-Dichlorobenzene	106-46-7	0.2	0.0826	ppbV	70-130			25	25			
1,4-Dioxane	123-91-1	0.2	0.0538	ppbV	70-130			25	25			
2,2,4-Trimethylpentane	540-84-1	0.2	0.0692	ppbV	70-130			25	25			
2-Butanone	78-93-3	0.5	0.099	ppbV	70-130			25	25			
2-Hexanone	591-78-6	0.2	0.0912	ppbV	70-130			25	25			
2-Methylthiophene	554-14-3	0.2	0.0622	ppbV	70-130			25	25			
3-Methylthiophene	616-44-4	0.2	0.0634	ppbV	70-130			25	25			
3-Chloropropene	107-05-1	0.2	0.086	ppbV	70-130			25	25			
2-Ethylthiophene	872-55-9	0.2	0.0612	ppbV	70-130			25	25			
4-Ethyltoluene	622-96-8	0.2	0.0554	ppbV	70-130			25	25			
Acetone	67-64-1	1	0.515	ppbV	40-160			25	25			
Benzene	71-43-2	0.2	0.0643	ppbV	70-130			25	25			
Benzyl chloride	100-44-7	0.2	0.0939	ppbV	70-130			25	25			
Benzothiophene	95-15-8	0.5	0.273	ppbV	70-130			25	25			
Bromodichloromethane	75-27-4	0.2	0.0689	ppbV	70-130			25	25			
Bromoform	75-25-2	0.2	0.0596	ppbV	70-130			25	25			
Bromomethane	74-83-9	0.2	0.0547	ppbV	70-130			25	25			
Carbon disulfide	75-15-0	0.2	0.0465	ppbV	70-130			25	25			
Carbon tetrachloride	56-23-5	0.2	0.0686	ppbV	70-130			25	25			
Chlorobenzene	108-90-7	0.2	0.0516	ppbV	70-130			25	25			
Chloroethane	75-00-3	0.2	0.0649	ppbV	70-130			25	25			
Chloroform	67-66-3	0.2	0.0552	ppbV	70-130			25	25			
Chloromethane	74-87-3	0.2	0.0576	ppbV	70-130			25	25			
cis-1,2-Dichloroethene	156-59-2	0.2	0.0595	ppbV	70-130			25	25			
cis-1,3-Dichloropropene	10061-01-5	0.2	0.0674	ppbV	70-130			25	25			
Cyclohexane	110-82-7	0.2	0.0728	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19301-1
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Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibromochloromethane	124-48-1	0.2	0.0566	ppbV	70-130			25	25			
Dichlorodifluoromethane	75-71-8	0.2	0.0757	ppbV	70-130			25	25			
Ethyl Alcohol	GCDAI06	5	1.74	ppbV	40-160			25	25			
Ethyl Acetate	141-78-6	0.5	0.297	ppbV	70-130			25	25			
Ethylbenzene	100-41-4	0.2	0.0575	ppbV	70-130			25	25			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	0.2	0.0506	ppbV	70-130			25	25			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	0.2	0.0504	ppbV	70-130			25	25			
Hexachlorobutadiene	87-68-3	0.2	0.0607	ppbV	70-130			25	25			
iso-Propyl Alcohol	67-63-0	1	0.272	ppbV	40-160			25	25			
Methylene chloride	75-09-2	0.5	0.125	ppbV	70-130			25	25			
4-Methyl-2-pentanone	108-10-1	0.5	0.19	ppbV	70-130			25	25			
Methyl tert butyl ether	1634-04-4	0.2	0.045	ppbV	70-130			25	25			
Methyl Methacrylate	80-62-6	0.5	0.226	ppbV	40-160			25	25			
p/m-Xylene	179601-23-1	0.4	0.125	ppbV	70-130			25	25			
o-Xylene	95-47-6	0.2	0.0621	ppbV	70-130			25	25			
Xylene (Total)	1330-20-7	0.2	0.0621	ppbV				25	25			
Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Hexane	110-54-3	0.2	0.0743	ppbV	70-130			25	25			
Propylene	115-07-1	0.5	0.135	ppbV	70-130			25	25			
Styrene	100-42-5	0.2	0.0596	ppbV	70-130			25	25			
Tetrachloroethene	127-18-4	0.2	0.0627	ppbV	70-130			25	25			
Thiophene	110-02-1	0.2	0.052	ppbV	70-130			25	25			
Tetrahydrofuran	109-99-9	0.5	0.117	ppbV	70-130			25	25			
Toluene	108-88-3	0.2	0.0867	ppbV	70-130			25	25			
trans-1,2-Dichloroethene	156-60-5	0.2	0.0755	ppbV	70-130			25	25			
1,2-Dichloroethene (total)	540-59-0	0.2	0.0595	ppbV				25	25			
trans-1,3-Dichloropropene	10061-02-6	0.2	0.0783	ppbV	70-130			25	25			
1,3-Dichloropropene, Total	542-75-6	0.2	0.0674	ppbV				25	25			
Trichloroethene	79-01-6	0.2	0.0548	ppbV	70-130			25	25			
Trichlorofluoromethane	75-69-4	0.2	0.0787	ppbV	70-130			25	25			
Vinyl acetate	108-05-4	1	0.323	ppbV	70-130			25	25			
Vinyl bromide	593-60-2	0.2	0.0722	ppbV	70-130			25	25			
Vinyl chloride	75-01-4	0.2	0.0582	ppbV	70-130			25	25			
Naphthalene	91-20-3	0.19	0.059	ppbV	70-130			25	25			
Total HC As Hexane	NONE	10	0.0743	ppbV	70-130			25	25			
Total VOCs As Toluene	NONE	10	0.0867	ppbV	70-130			25	25			
Propane	74-98-6	0.5	0.152	ppbV	70-130			25	25			
Acrylonitrile	107-13-1	0.5	0.0894	ppbV	70-130			25	25			
Acrolein	107-02-8	0.5	0.149	ppbV	60-113			25	25			
1,1,1,2-Tetrachloroethane	630-20-6	0.2	0.0508	ppbV	70-130			25	25			
Isopropylbenzene	98-82-8	0.2	0.0621	ppbV	70-130			25	25			

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Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,2,3-Trichloropropane	96-18-4	0.2	0.0575	ppbV	70-130			25	25			
Acetonitrile	75-05-8	0.2	0.101	ppbV	70-130			25	25			
Bromobenzene	108-86-1	0.2	0.0579	ppbV	70-130			25	25			
Chlorodifluoromethane	75-45-6	0.2	0.0463	ppbV	70-130			25	25			
Dichlorofluoromethane	75-43-4	0.2	0.112	ppbV	70-130			25	25			
Dibromomethane	74-95-3	0.2	0.0598	ppbV	70-130			25	25			
Pentane	109-66-0	0.2	0.113	ppbV	70-130			25	25			
Octane	111-65-9	0.2	0.0676	ppbV	70-130			25	25			
Tertiary-Amyl Methyl Ether	994-05-8	0.2	0.0672	ppbV	70-130			25	25			
o-Chlorotoluene	95-49-8	0.2	0.0761	ppbV	70-130			25	25			
p-Chlorotoluene	106-43-4	0.2	0.0765	ppbV	70-130			25	25			
2,2-Dichloropropane	594-20-7	0.2	0.0429	ppbV	70-130			25	25			
1,1-Dichloropropene	563-58-6	0.2	0.0593	ppbV	70-130			25	25			
Isopropyl Ether	108-20-3	0.2	0.0631	ppbV	70-130			25	25			
Ethyl-Tert-Butyl-Ether	637-92-3	0.2	0.0731	ppbV	70-130			25	25			
1,2,3-Trichlorobenzene	87-61-6	0.2	0.0738	ppbV	70-130			25	25			
Ethyl ether	60-29-7	0.2	0.0853	ppbV	70-130			25	25			
n-Butylbenzene	104-51-8	0.2	0.0536	ppbV	70-130			25	25			
sec-Butylbenzene	135-98-8	0.2	0.0547	ppbV	70-130			25	25			
tert-Butylbenzene	98-06-6	0.2	0.0551	ppbV	70-130			25	25			
1,2-Dibromo-3-chloropropane	96-12-8	0.2	0.0624	ppbV	70-130			25	25			
p-Isopropyltoluene	99-87-6	0.2	0.0567	ppbV	70-130			25	25			
n-Propylbenzene	103-65-1	0.2	0.0633	ppbV	70-130			25	25			
1,3-Dichloropropane	142-28-9	0.2	0.0536	ppbV	70-130			25	25			
Methanol	67-56-1	5	3.029	ppbV	70-130			25	25			
Acetaldehyde	75-07-0	2.5	1.73	ppbV	70-130			25	25			
Butane	106-97-8	0.2	0.08	ppbV	70-130			25	25			
Nonane (C9)	111-84-2	0.2	0.0737	ppbV	70-130			25	25			
Decane (C10)	124-18-5	0.2	0.0697	ppbV	70-130			25	25			
Undecane	1120-21-4	0.2	0.0709	ppbV	70-130			25	25			
Indane	496-11-7	0.2	0.0591	ppbV	70-130			25	25			
Indene	95-13-6	0.2	0.0711	ppbV	70-130			25	25			
1-Methylnaphthalene	90-12-0	1	0.264	ppbV	70-130			25	25			
Dodecane (C12)	112-40-3	0.2	0.0891	ppbV	70-130			25	25			
Butyl Acetate	123-86-4	0.5	0.208	ppbV	70-130			25	25			
tert-Butyl Alcohol	75-65-0	0.5	0.132	ppbV	70-130			25	25			
2-Methylnaphthalene	91-57-6	1	0.259	ppbV	70-130			25	25			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
Bromofluorobenzene	*460-00-4*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2536987
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2536987-01D	Date Collected	: 06/12/25 12:30
Client ID	: SVE-INF_20250612	Date Received	: 06/12/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 06/18/25 02:46
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 5.122
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264411	Instrument ID	: AIRLAB26
Sample Amount	: 48.8 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	1.02	--	ND	5.04	--	U
74-87-3	Chloromethane	ND	1.02	--	ND	2.11	--	U
76-14-2	Freon-114	ND	1.02	--	ND	7.13	--	U
75-01-4	Vinyl chloride	ND	1.02	--	ND	2.61	--	U
106-99-0	1,3-Butadiene	ND	1.02	--	ND	2.26	--	U
74-83-9	Bromomethane	ND	1.02	--	ND	3.96	--	U
75-00-3	Chloroethane	ND	1.02	--	ND	2.69	--	U
64-17-5	Ethanol	ND	25.6	--	ND	48.2	--	U
593-60-2	Vinyl bromide	ND	1.02	--	ND	4.46	--	U
67-64-1	Acetone	ND	5.12	--	ND	12.2	--	U
75-69-4	Trichlorofluoromethane	ND	1.02	--	ND	5.73	--	U
67-63-0	Isopropanol	40.4	5.12	--	99.3	12.6	--	
75-35-4	1,1-Dichloroethene	ND	1.02	--	ND	4.04	--	U
75-65-0	Tertiary butyl Alcohol	ND	2.56	--	ND	7.76	--	U
75-09-2	Methylene chloride	ND	2.56	--	ND	8.89	--	U
107-05-1	3-Chloropropene	ND	1.02	--	ND	3.19	--	U
75-15-0	Carbon disulfide	ND	1.02	--	ND	3.18	--	U
76-13-1	Freon-113	ND	1.02	--	ND	7.82	--	U
156-60-5	trans-1,2-Dichloroethene	ND	1.02	--	ND	4.04	--	U
75-34-3	1,1-Dichloroethane	ND	1.02	--	ND	4.13	--	U
1634-04-4	Methyl tert butyl ether	ND	1.02	--	ND	3.68	--	U
78-93-3	2-Butanone	ND	2.56	--	ND	7.55	--	U
156-59-2	cis-1,2-Dichloroethene	ND	1.02	--	ND	4.04	--	U
141-78-6	Ethyl Acetate	ND	2.56	--	ND	9.23	--	U
67-66-3	Chloroform	1.36	1.02	--	6.64	4.98	--	
109-99-9	Tetrahydrofuran	18.2	2.56	--	53.7	7.55	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2536987
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2536987-01D	Date Collected	: 06/12/25 12:30
Client ID	: SVE-INF_20250612	Date Received	: 06/12/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 06/18/25 02:46
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 5.122
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264411	Instrument ID	: AIRLAB26
Sample Amount	: 48.8 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	1.02	--	ND	4.13	--	U
110-54-3	n-Hexane	186	1.02	--	656	3.59	--	
71-55-6	1,1,1-Trichloroethane	ND	1.02	--	ND	5.57	--	U
71-43-2	Benzene	2.74	1.02	--	8.75	3.26	--	
56-23-5	Carbon tetrachloride	ND	1.02	--	ND	6.42	--	U
110-82-7	Cyclohexane	25.7	1.02	--	88.5	3.51	--	
78-87-5	1,2-Dichloropropane	ND	1.02	--	ND	4.71	--	U
75-27-4	Bromodichloromethane	ND	1.02	--	ND	6.83	--	U
123-91-1	1,4-Dioxane	ND	1.02	--	ND	3.68	--	U
79-01-6	Trichloroethene	ND	1.02	--	ND	5.48	--	U
540-84-1	2,2,4-Trimethylpentane	72.1	1.02	--	337	4.76	--	
142-82-5	Heptane	25.4	1.02	--	104	4.18	--	
10061-01-5	cis-1,3-Dichloropropene	ND	1.02	--	ND	4.63	--	U
108-10-1	4-Methyl-2-pentanone	ND	2.56	--	ND	10.5	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.02	--	ND	4.63	--	U
79-00-5	1,1,2-Trichloroethane	ND	1.02	--	ND	5.57	--	U
108-88-3	Toluene	9.97	1.02	--	37.6	3.84	--	
591-78-6	2-Hexanone	ND	1.02	--	ND	4.18	--	U
124-48-1	Dibromochloromethane	ND	1.02	--	ND	8.69	--	U
106-93-4	1,2-Dibromoethane	ND	1.02	--	ND	7.84	--	U
127-18-4	Tetrachloroethene	ND	1.02	--	ND	6.92	--	U
108-90-7	Chlorobenzene	ND	1.02	--	ND	4.70	--	U
100-41-4	Ethylbenzene	1.98	1.02	--	8.60	4.43	--	
179601-23-1	p/m-Xylene	62.5	2.05	--	271	8.90	--	
75-25-2	Bromoform	ND	1.02	--	ND	10.5	--	U
100-42-5	Styrene	ND	1.02	--	ND	4.34	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2536987
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2536987-01D	Date Collected	: 06/12/25 12:30
Client ID	: SVE-INF_20250612	Date Received	: 06/12/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 06/18/25 02:46
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 5.122
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264411	Instrument ID	: AIRLAB26
Sample Amount	: 48.8 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.02	--	ND	7.00	--	U
95-47-6	o-Xylene	29.6	1.02	--	129	4.43	--	
622-96-8	4-Ethyltoluene	12.0	1.02	--	59.0	5.01	--	
108-67-8	1,3,5-Trimethylbenzene	18.4	1.02	--	90.5	5.01	--	
95-63-6	1,2,4-Trimethylbenzene	28.0	1.02	--	138	5.01	--	
100-44-7	Benzyl chloride	ND	1.02	--	ND	5.28	--	U
541-73-1	1,3-Dichlorobenzene	ND	1.02	--	ND	6.13	--	U
106-46-7	1,4-Dichlorobenzene	ND	1.02	--	ND	6.13	--	U
95-50-1	1,2-Dichlorobenzene	ND	1.02	--	ND	6.13	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.02	--	ND	7.57	--	U
91-20-3	Naphthalene	ND	0.973	--	ND	5.10	--	U
87-68-3	Hexachlorobutadiene	ND	1.02	--	ND	10.9	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2536987
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2536987-02D	Date Collected	: 06/12/25 12:35
Client ID	: SVE-EFF_20250612	Date Received	: 06/12/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 06/18/25 03:19
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.122
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264412	Instrument ID	: AIRLAB26
Sample Amount	: 118 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.537	0.424	--	2.66	2.10	--	
74-87-3	Chloromethane	ND	0.424	--	ND	0.876	--	U
76-14-2	Freon-114	ND	0.424	--	ND	2.96	--	U
75-01-4	Vinyl chloride	ND	0.424	--	ND	1.08	--	U
106-99-0	1,3-Butadiene	ND	0.424	--	ND	0.938	--	U
74-83-9	Bromomethane	ND	0.424	--	ND	1.65	--	U
75-00-3	Chloroethane	ND	0.424	--	ND	1.12	--	U
64-17-5	Ethanol	ND	10.6	--	ND	20.0	--	U
593-60-2	Vinyl bromide	ND	0.424	--	ND	1.85	--	U
67-64-1	Acetone	8.82	2.12	--	21.0	5.04	--	
75-69-4	Trichlorofluoromethane	ND	0.424	--	ND	2.38	--	U
67-63-0	Isopropanol	39.2	2.12	--	96.4	5.21	--	
75-35-4	1,1-Dichloroethene	ND	0.424	--	ND	1.68	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.06	--	ND	3.21	--	U
75-09-2	Methylene chloride	ND	1.06	--	ND	3.68	--	U
107-05-1	3-Chloropropene	ND	0.424	--	ND	1.33	--	U
75-15-0	Carbon disulfide	ND	0.424	--	ND	1.32	--	U
76-13-1	Freon-113	ND	0.424	--	ND	3.25	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.424	--	ND	1.68	--	U
75-34-3	1,1-Dichloroethane	ND	0.424	--	ND	1.72	--	U
1634-04-4	Methyl tert butyl ether	ND	0.424	--	ND	1.53	--	U
78-93-3	2-Butanone	1.13	1.06	--	3.33	3.13	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.424	--	ND	1.68	--	U
141-78-6	Ethyl Acetate	ND	1.06	--	ND	3.82	--	U
67-66-3	Chloroform	ND	0.424	--	ND	2.07	--	U
109-99-9	Tetrahydrofuran	ND	1.06	--	ND	3.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2536987
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2536987-02D	Date Collected	: 06/12/25 12:35
Client ID	: SVE-EFF_20250612	Date Received	: 06/12/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 06/18/25 03:19
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.122
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264412	Instrument ID	: AIRLAB26
Sample Amount	: 118 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.424	--	ND	1.72	--	U
110-54-3	n-Hexane	13.7	0.424	--	48.3	1.49	--	
71-55-6	1,1,1-Trichloroethane	ND	0.424	--	ND	2.31	--	U
71-43-2	Benzene	ND	0.424	--	ND	1.35	--	U
56-23-5	Carbon tetrachloride	0.558	0.424	--	3.51	2.67	--	
110-82-7	Cyclohexane	0.936	0.424	--	3.22	1.46	--	
78-87-5	1,2-Dichloropropane	ND	0.424	--	ND	1.96	--	U
75-27-4	Bromodichloromethane	ND	0.424	--	ND	2.84	--	U
123-91-1	1,4-Dioxane	ND	0.424	--	ND	1.53	--	U
79-01-6	Trichloroethene	ND	0.424	--	ND	2.28	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.424	--	ND	1.98	--	U
142-82-5	Heptane	ND	0.424	--	ND	1.74	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.424	--	ND	1.92	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.06	--	ND	4.34	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.424	--	ND	1.92	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.424	--	ND	2.31	--	U
108-88-3	Toluene	ND	0.424	--	ND	1.60	--	U
591-78-6	2-Hexanone	ND	0.424	--	ND	1.74	--	U
124-48-1	Dibromochloromethane	ND	0.424	--	ND	3.61	--	U
106-93-4	1,2-Dibromoethane	ND	0.424	--	ND	3.26	--	U
127-18-4	Tetrachloroethene	ND	0.424	--	ND	2.88	--	U
108-90-7	Chlorobenzene	ND	0.424	--	ND	1.95	--	U
100-41-4	Ethylbenzene	ND	0.424	--	ND	1.84	--	U
179601-23-1	p/m-Xylene	ND	0.849	--	ND	3.69	--	U
75-25-2	Bromoform	ND	0.424	--	ND	4.38	--	U
100-42-5	Styrene	ND	0.424	--	ND	1.81	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2536987
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2536987-02D	Date Collected	: 06/12/25 12:35
Client ID	: SVE-EFF_20250612	Date Received	: 06/12/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 06/18/25 03:19
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.122
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264412	Instrument ID	: AIRLAB26
Sample Amount	: 118 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.424	--	ND	2.91	--	U
95-47-6	o-Xylene	ND	0.424	--	ND	1.84	--	U
622-96-8	4-Ethyltoluene	ND	0.424	--	ND	2.08	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.424	--	ND	2.08	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.424	--	ND	2.08	--	U
100-44-7	Benzyl chloride	ND	0.424	--	ND	2.20	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.424	--	ND	2.55	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.424	--	ND	2.55	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.424	--	ND	2.55	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.424	--	ND	3.15	--	U
91-20-3	Naphthalene	ND	0.403	--	ND	2.11	--	U
87-68-3	Hexachlorobutadiene	ND	0.424	--	ND	4.52	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2536987
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: WG2080108-4	Date Collected	: NA
Client ID	: WG2080108-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/17/25 15:27
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264396	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2536987
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: WG2080108-4	Date Collected	: NA
Client ID	: WG2080108-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/17/25 15:27
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264396	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2536987
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: WG2080108-4	Date Collected	: NA
Client ID	: WG2080108-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/17/25 15:27
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264396	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264411.D
Acq On : 18 Jun 2025 02:46 am
Operator : AIRLAB26:RAY
Sample : L2536987-01D,3,48.81,250
Misc : WG2080108,ICAL22173
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 18 07:07:07 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	198999	10.000	ppbV	0.00
Standard Area = 186317			Recovery = 106.81%			
43) 1,4-difluorobenzene	4.365	114	744022	10.000	ppbV	0.00
Standard Area = 725709			Recovery = 102.52%			
67) chlorobenzene-D5	6.449	54	99688	10.000	ppbV	0.00
Standard Area = 89519			Recovery = 111.36%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.024	85	3882M6	0.090	ppbV	
6) chloromethane	2.079	50	599M3	0.047	ppbV	
7) Freon-114	0.000		0	N.D.	d	
9) vinyl chloride	2.008		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.365	31	15626	2.340	ppbV	98
17) vinyl bromide	0.000		0	N.D.		
19) acetone	0.000		0	N.D.	d	
21) trichlorofluoromethane	2.557	101	1805	0.046	ppbV	96
22) isopropyl alcohol	2.568	45	154235	7.882	ppbV	100
26) 1,1-dichloroethene	2.746		0	N.D.		
27) tertiary butyl alcohol	2.741	59	3802	0.130	ppbV #	1
28) methylene chloride	0.000		0	N.D.	d	
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	2.846		0	N.D.		
31) Freon 113	2.851		0	N.D.		
32) trans-1,2-dichloroethene	3.062	61	1446	0.074	ppbV #	83
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	0.000		0	N.D.	d	
37) cis-1,2-dichloroethene	0.000		0	N.D.	d	
38) Ethyl Acetate	0.000		0	N.D.	d	
39) chloroform	3.561	83	9623	0.265	ppbV	88
40) Tetrahydrofuran	3.740	42	46551	3.551	ppbV	94
42) 1,2-dichloroethane	0.000		0	N.D.	d	
44) hexane	3.546	57	796801	36.352	ppbV #	22

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264411.D
Acq On : 18 Jun 2025 02:46 am
Operator : AIRLAB26:RAY
Sample : L2536987-01D,3,48.81,250
Misc : WG2080108,ICAL22173
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 18 07:07:07 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	4.186	78	27325	0.536	ppbV	95
52) carbon tetrachloride	4.243		0	N.D.		
53) cyclohexane	4.309	56	109354	5.013	ppbV	98
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D. d		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	4.686		0	N.D.		
60) 2,2,4-trimethylpentane	4.724	57	939992	14.086	ppbV	99
62) heptane	4.865	43	105451	4.955	ppbV	96
63) cis-1,3-dichloropropene	0.000		0	N.D. d		
64) 4-methyl-2-pentanone	0.000		0	N.D. d		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	5.469		0	N.D.		
68) toluene	5.589	91	140640	1.947	ppbV	99
72) 2-hexanone	0.000		0	N.D. d		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	6.148	166	5931	0.156	ppbV #	83
80) chlorobenzene	6.471	112	6766	0.113	ppbV	98
81) ethylbenzene	6.673	91	35687	0.386	ppbV	98
83) m+p-xylene	6.760	91	882460	12.201	ppbV	99
84) bromoform	0.000		0	N.D.		
85) styrene	6.940	104	5012	0.087	ppbV	92
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D. d		
87) o-xylene	6.993	91	411557	5.779	ppbV	100
96) 4-ethyl toluene	7.635	105	233735M3	2.341	ppbV	
97) 1,3,5-trimethylbenzene	7.683	105	307619	3.597	ppbV	98
99) 1,2,4-trimethylbenzene	7.899	105	475718	5.459	ppbV #	71
101) Benzyl Chloride	0.000		0	N.D. d		
102) 1,3-dichlorobenzene	0.000		0	N.D. d		
103) 1,4-dichlorobenzene	7.978	146	2219	0.034	ppbV #	1
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D. d		
116) naphthalene	9.236	128	4583	0.034	ppbV #	90
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264411.D
Acq On : 18 Jun 2025 02:46 am
Operator : AIRLAB26:RAY
Sample : L2536987-01D,3,48.81,250
Misc : WG2080108,ICAL22173
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 18 07:07:07 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

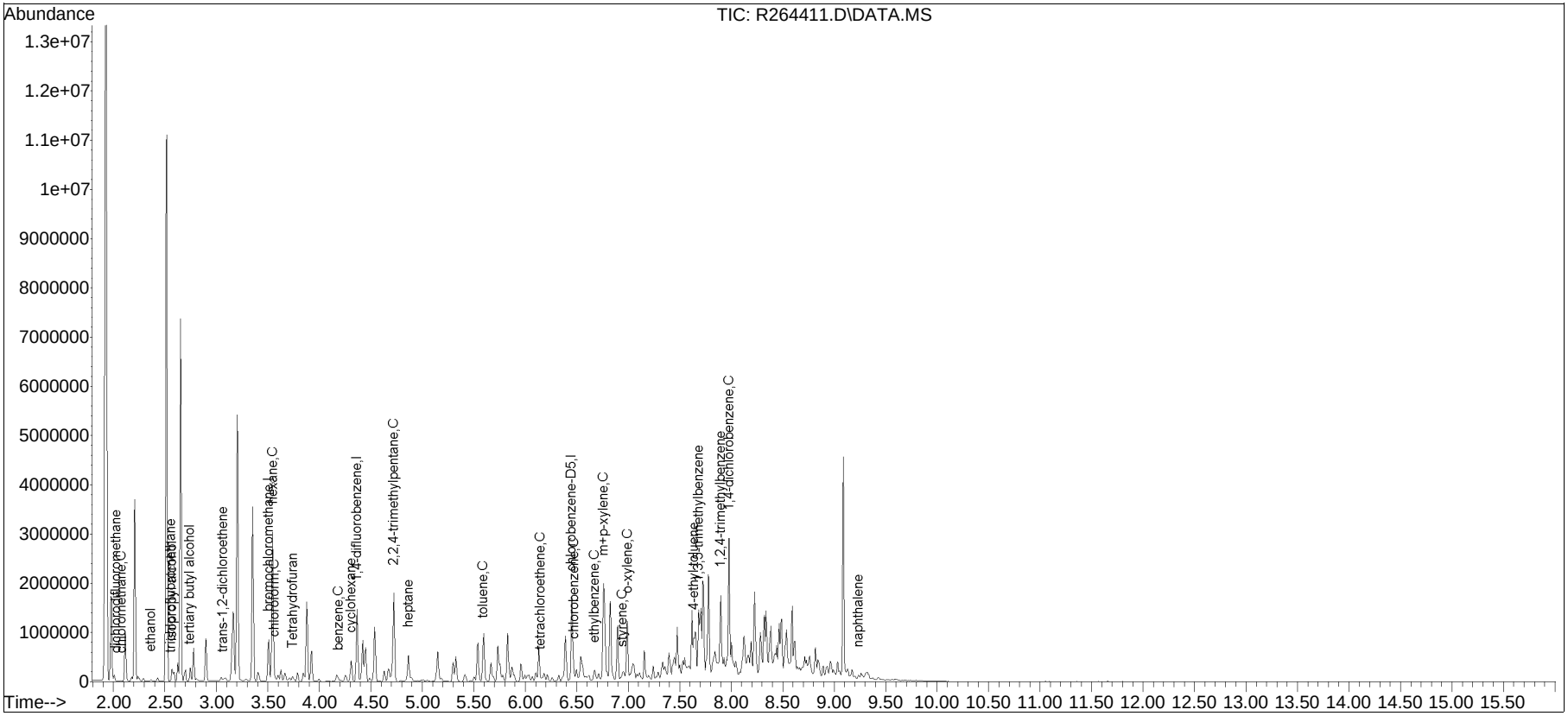
CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : TO15-NY+Naphthalene - .

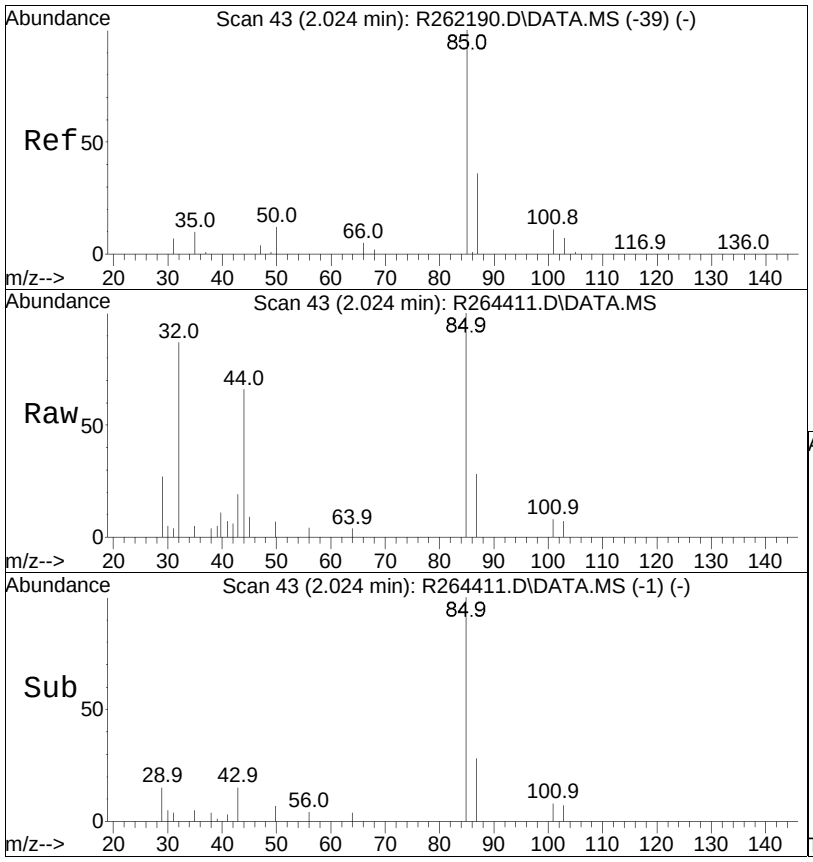
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\06\0617T\R264394.D

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264411.D
Acq On : 18 Jun 2025 02:46 am
Operator : AIRLAB26:RAY
Sample : L2536987-01D,3,48.81,250
Misc : WG2080108,ICAL22173
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 18 07:07:07 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

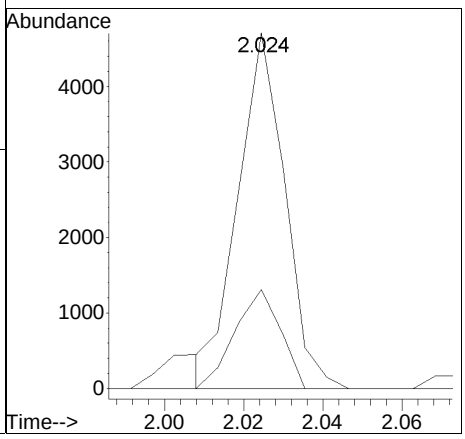


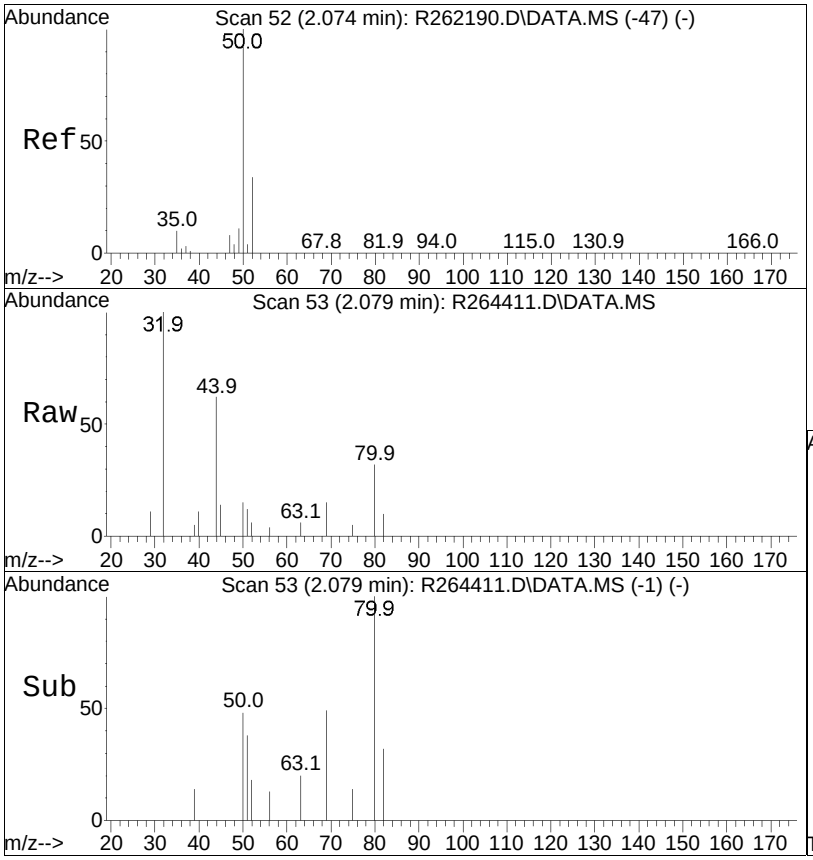


#5
dichlorodifluoromethane
Concen: 0.09 ppbV m
RT: 2.024 min Scan# 43
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 85 Resp: 3882

Ion	Ratio	Lower	Upper
85	100		
87	27.8	26.0	39.0

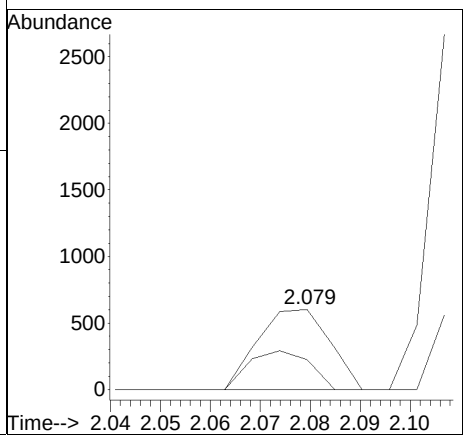


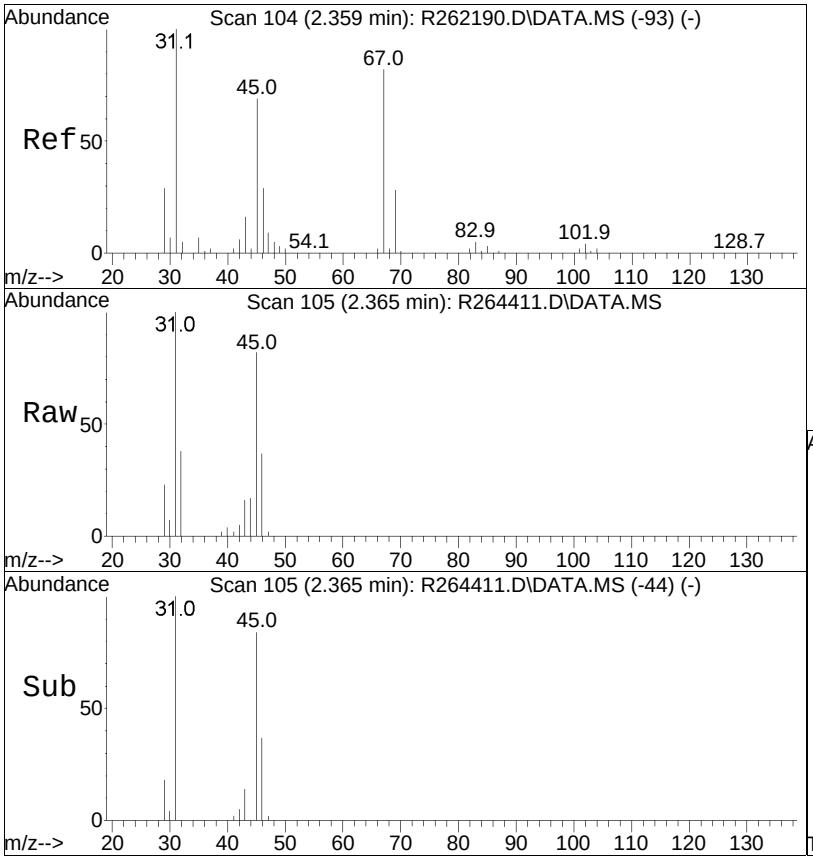


#6
chloromethane
Concen: 0.05 ppbV m
RT: 2.079 min Scan# 53
Delta R.T. 0.005 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 50 Resp: 599

Ion	Ratio	Lower	Upper
50	100		
52	37.3	27.1	40.7

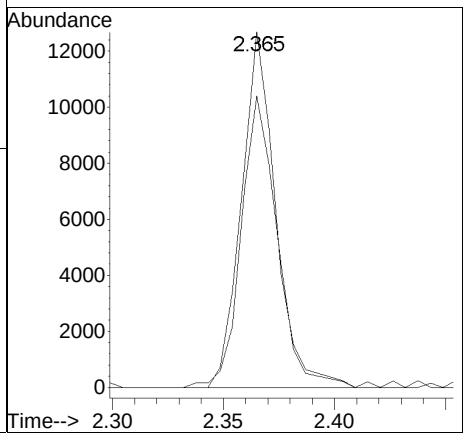


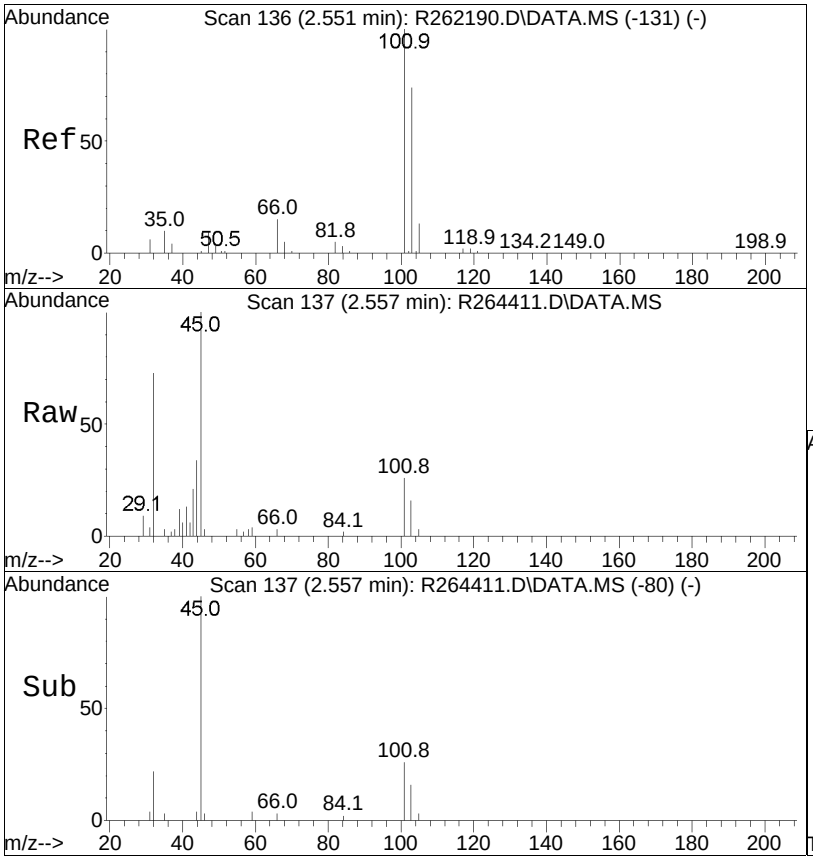


#15
ethanol
Concen: 2.34 ppbV
RT: 2.365 min Scan# 105
Delta R.T. 0.005 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 31 Resp: 15626

Ion	Ratio	Lower	Upper
31	100		
45	82.0	64.3	96.5

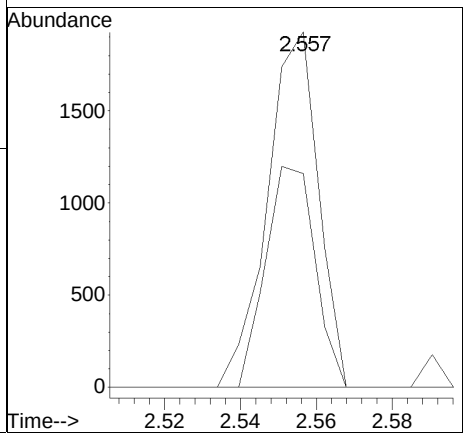


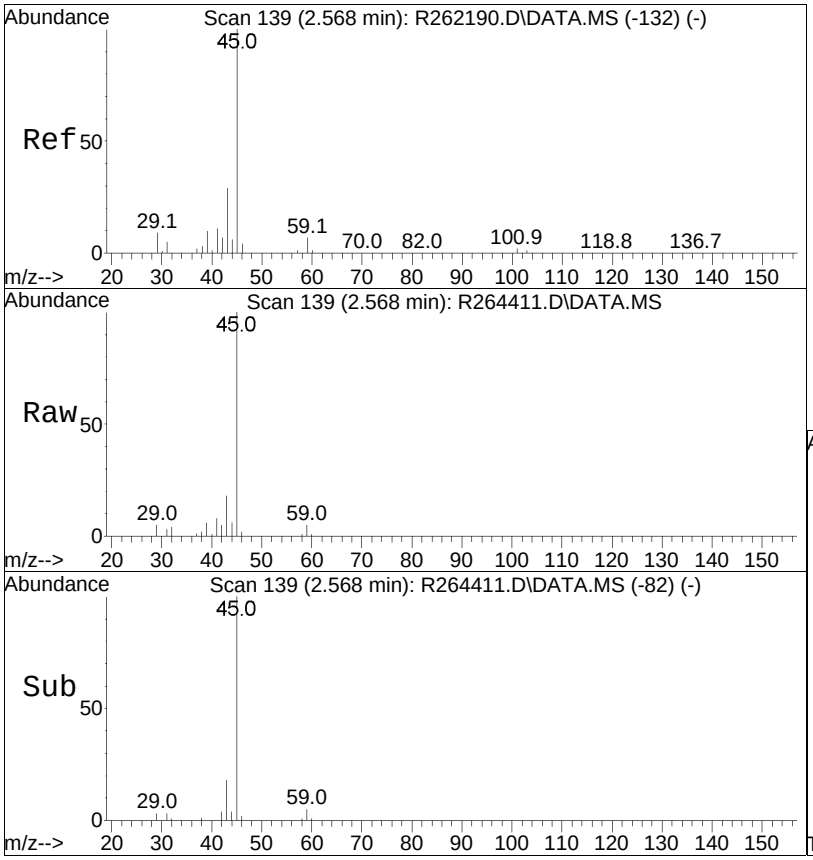


#21
trichlorofluoromethane
Concen: 0.05 ppbV
RT: 2.557 min Scan# 137
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion:101 Resp: 1805

Ion	Ratio	Lower	Upper
101	100		
103	60.2	50.9	76.3

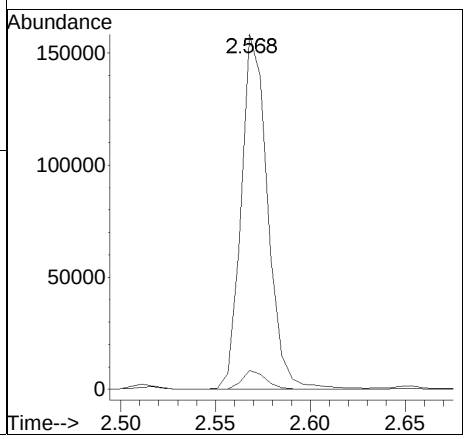


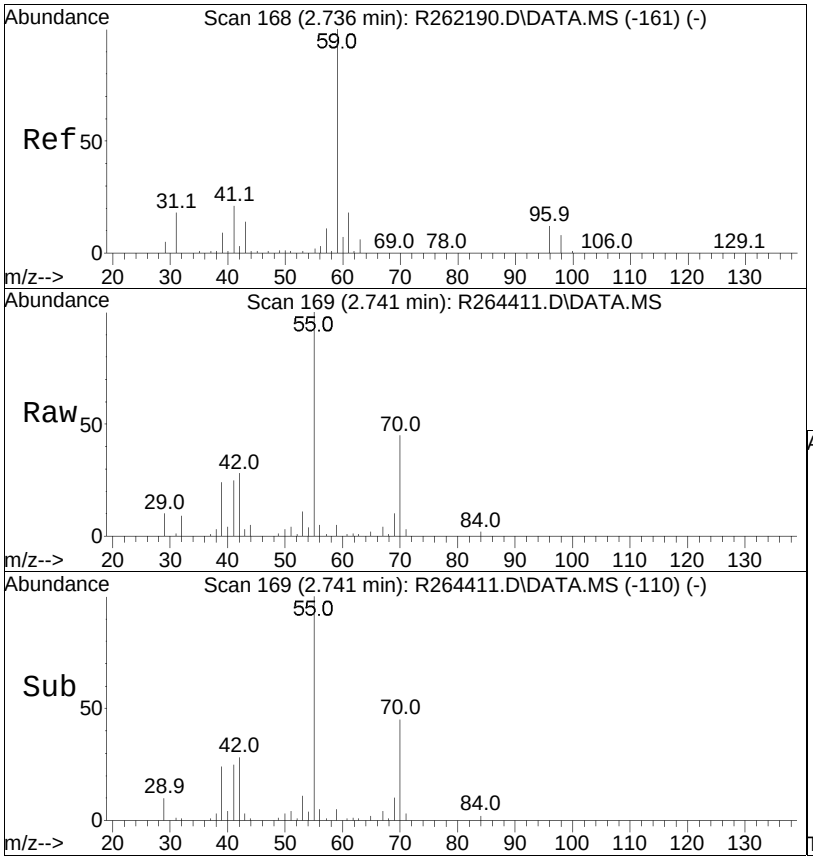


#22
isopropyl alcohol
Concen: 7.88 ppbV
RT: 2.568 min Scan# 139
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 45 Resp: 154235

Ion	Ratio	Lower	Upper
45	100		
59	5.3	4.4	6.6

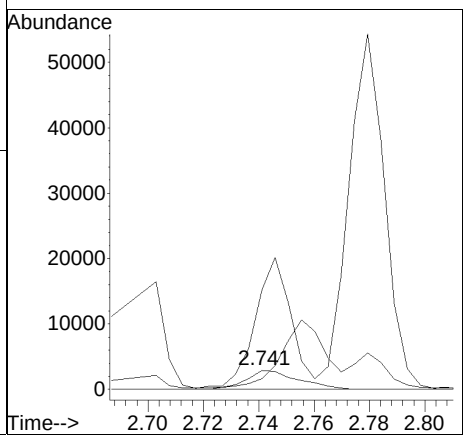


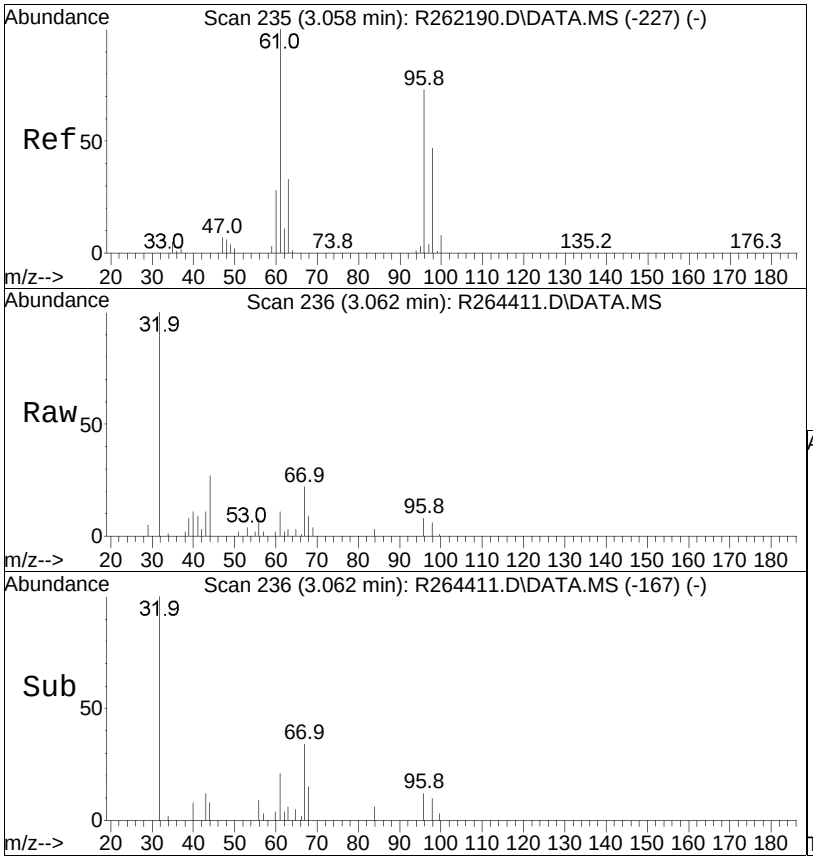


#27
tertiary butyl alcohol
Concen: 0.13 ppbV
RT: 2.741 min Scan# 169
Delta R.T. 0.005 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 59 Resp: 3802

Ion	Ratio	Lower	Upper
59	100		
41	523.8	12.3	18.5#
43	57.0	8.6	12.8#

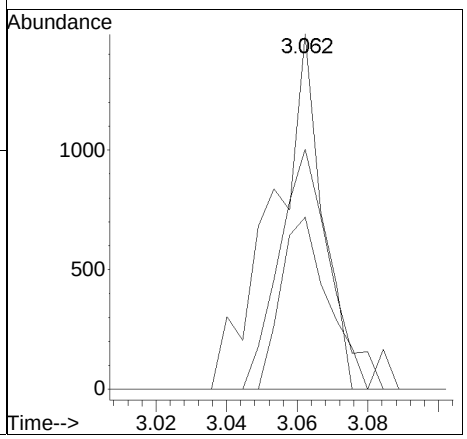


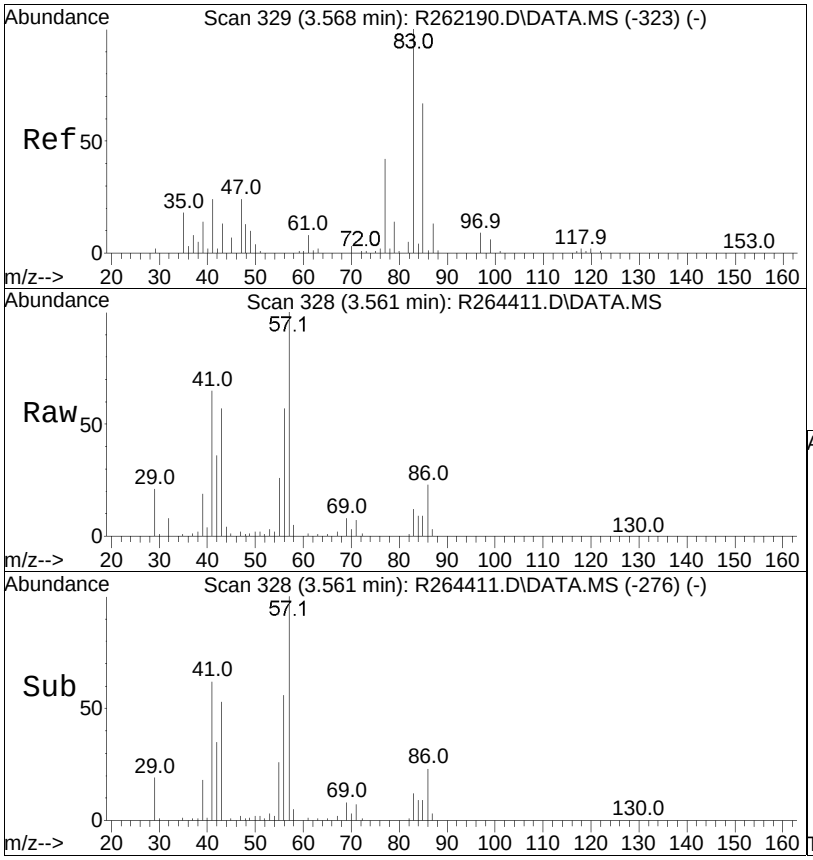


#32
trans-1,2-dichloroethene
Concen: 0.07 ppbV
RT: 3.062 min Scan# 236
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 61 Resp: 1446

Ion	Ratio	Lower	Upper
61	100		
96	67.6	70.3	105.5#
98	48.4	44.5	66.7

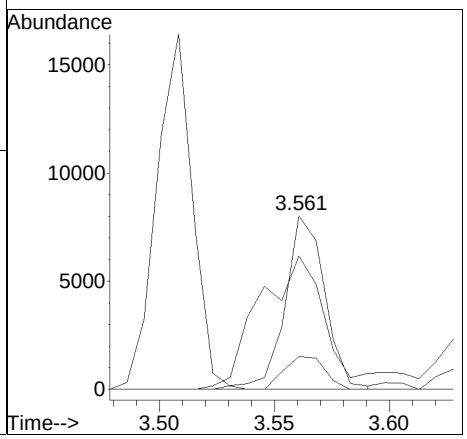


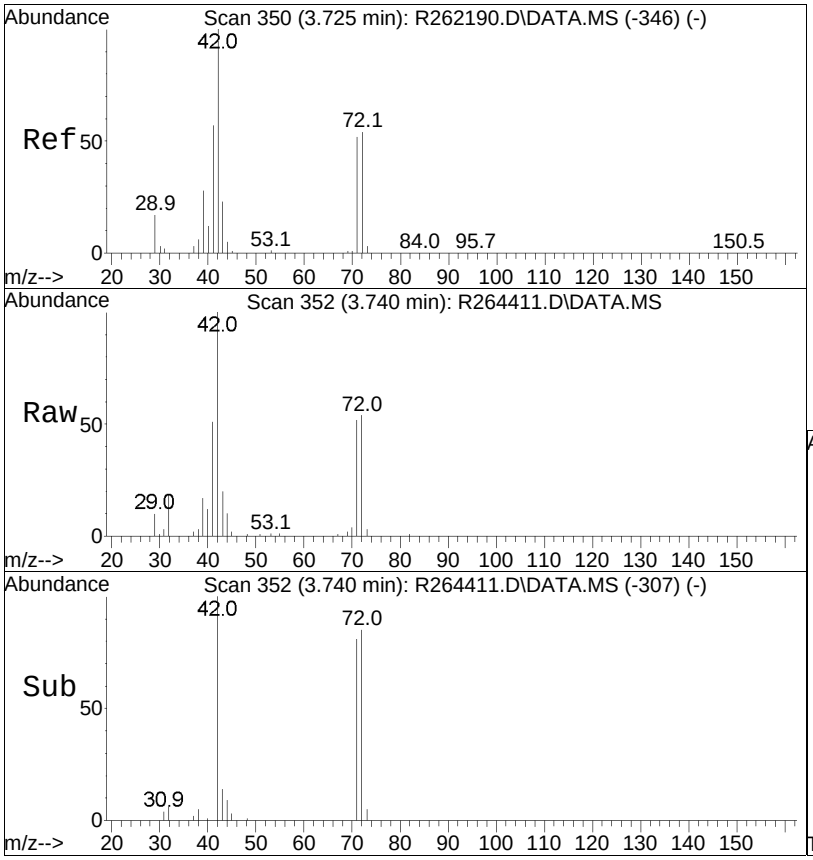


#39
chloroform
Concen: 0.26 ppbV
RT: 3.561 min Scan# 328
Delta R.T. -0.007 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 83 Resp: 9623

Ion	Ratio	Lower	Upper
83	100		
85	76.9	52.6	78.8
47	18.9	14.1	21.1

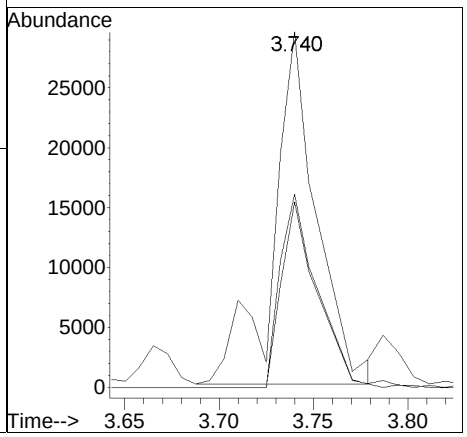


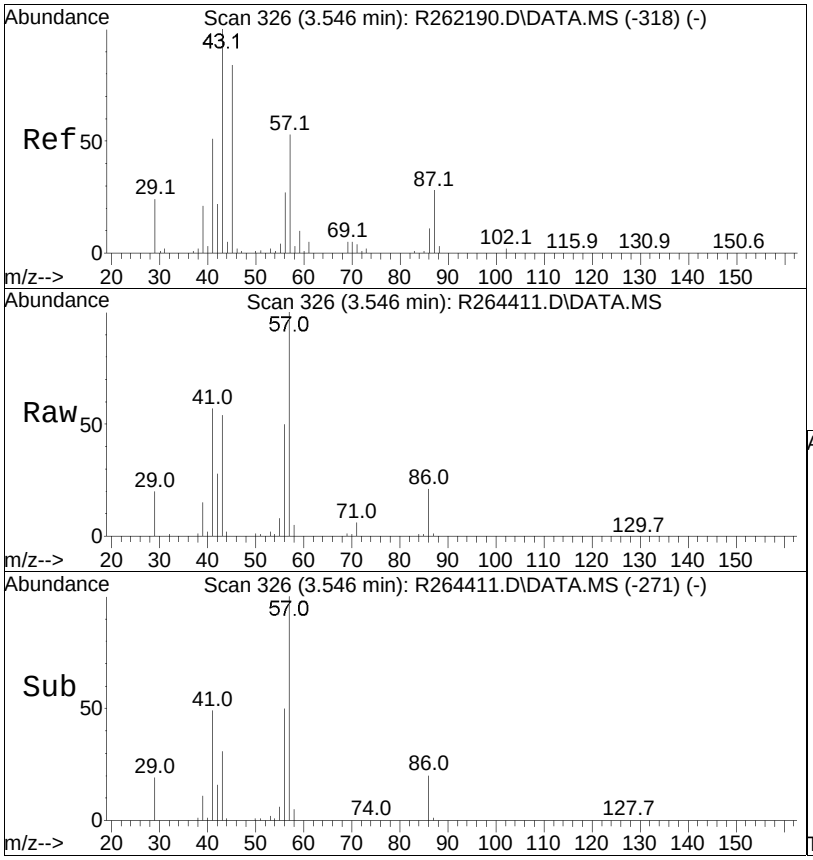


#40
Tetrahydrofuran
Concen: 3.55 ppbV
RT: 3.740 min Scan# 352
Delta R.T. 0.007 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 42 Resp: 46551

Ion	Ratio	Lower	Upper
42	100		
71	52.2	45.4	68.2
72	54.4	47.4	71.0

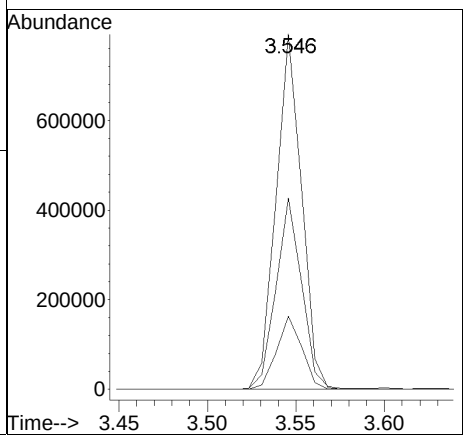


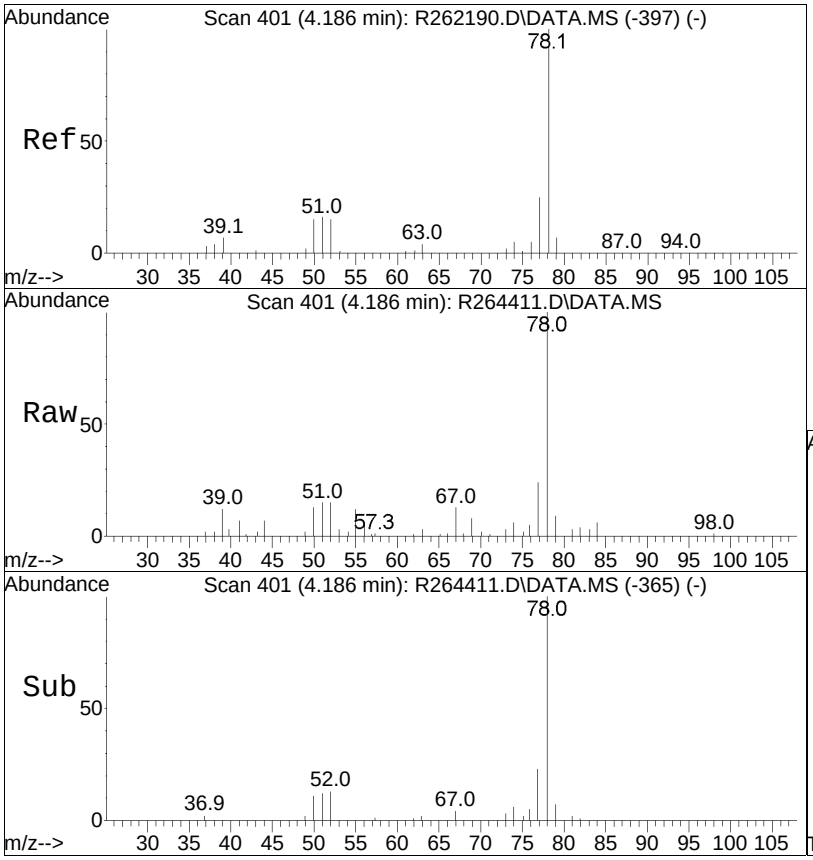


#44
hexane
Concen: 36.35 ppbV
RT: 3.546 min Scan# 326
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 57 Resp: 796801

Ion	Ratio	Lower	Upper
57	100		
43	53.9	140.7	211.1#
86	20.6	16.7	25.1

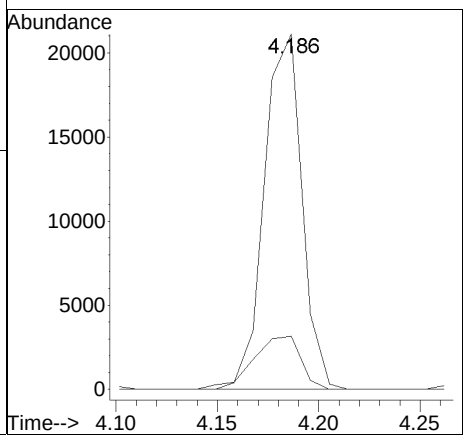


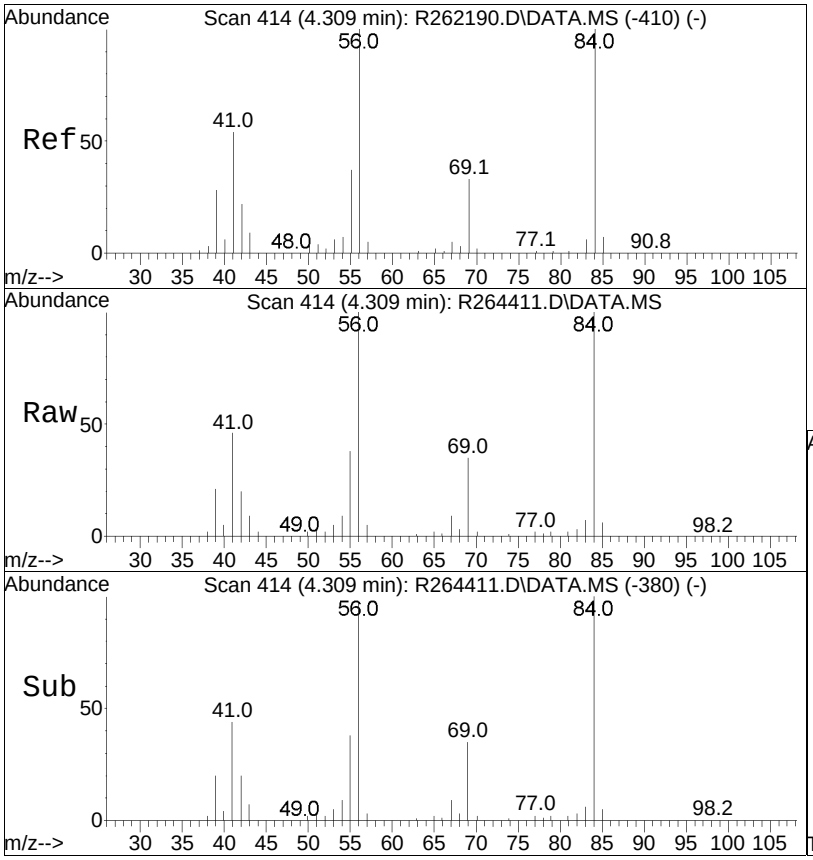


#50
benzene
Concen: 0.54 ppbV
RT: 4.186 min Scan# 401
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 78 Resp: 27325

Ion	Ratio	Lower	Upper
78	100		
52	15.0	10.3	15.5

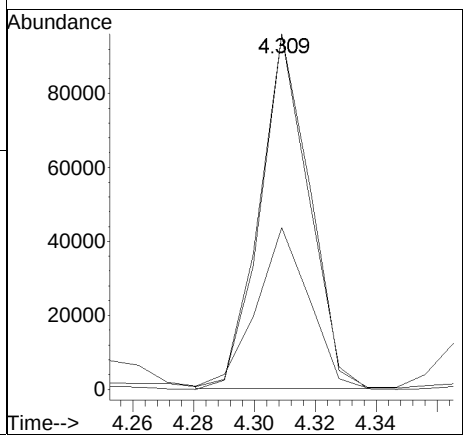


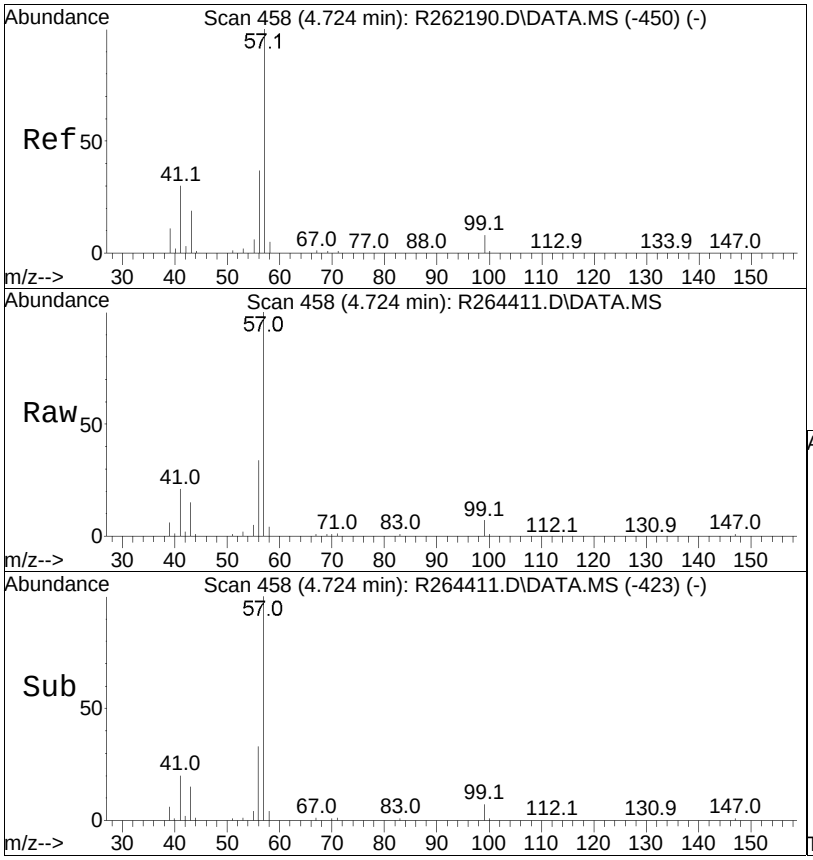


#53
cyclohexane
Concen: 5.01 ppbV
RT: 4.309 min Scan# 414
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 56 Resp: 109354

Ion	Ratio	Lower	Upper
56	100		
84	99.9	82.0	123.0
41	45.6	35.6	53.4

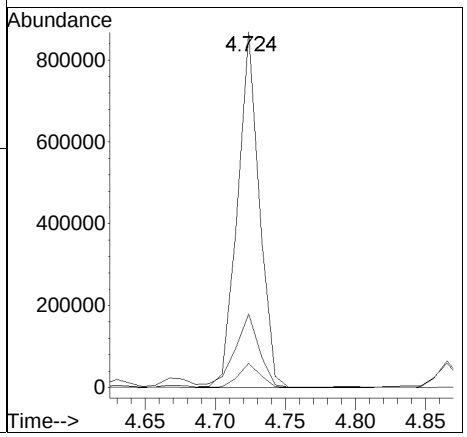


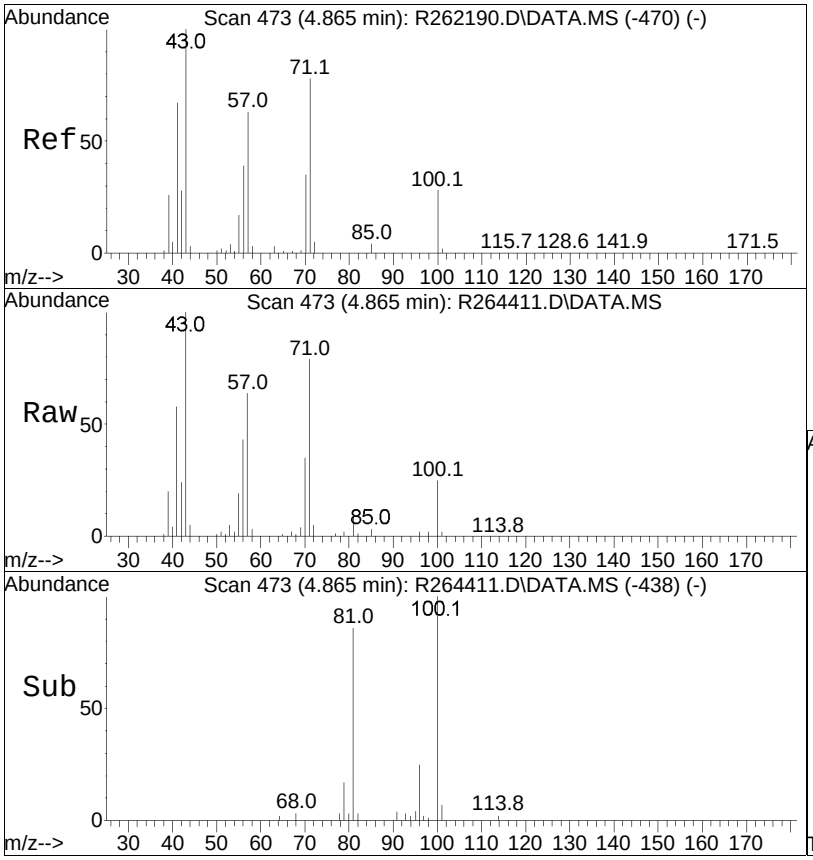


#60
2,2,4-trimethylpentane
Concen: 14.09 ppbV
RT: 4.724 min Scan# 458
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 57 Resp: 939992

Ion	Ratio	Lower	Upper
57	100		
99	6.8	6.0	9.0
41	20.7	16.3	24.5

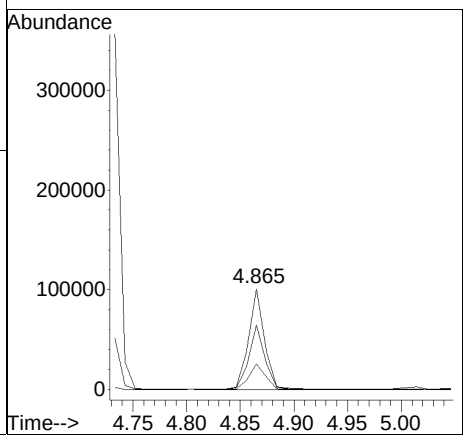


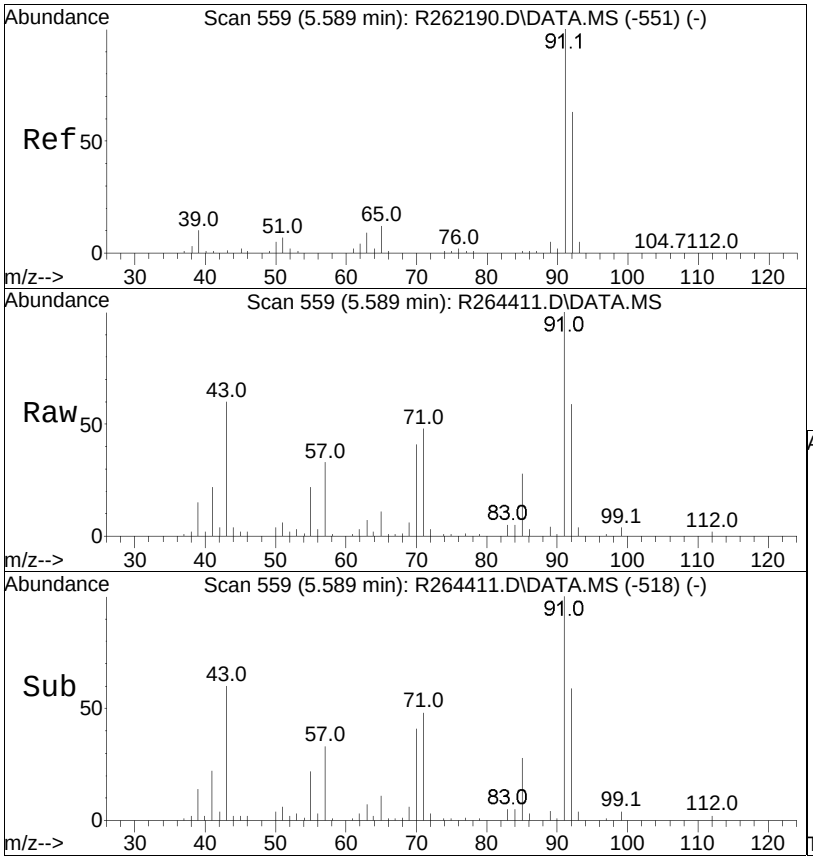


#62
heptane
Concen: 4.96 ppbV
RT: 4.865 min Scan# 473
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 43 Resp: 105451

Ion	Ratio	Lower	Upper
43	100		
57	64.0	52.1	78.1
100	25.3	24.8	37.2

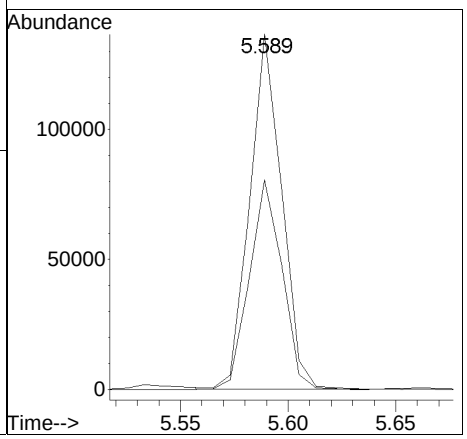


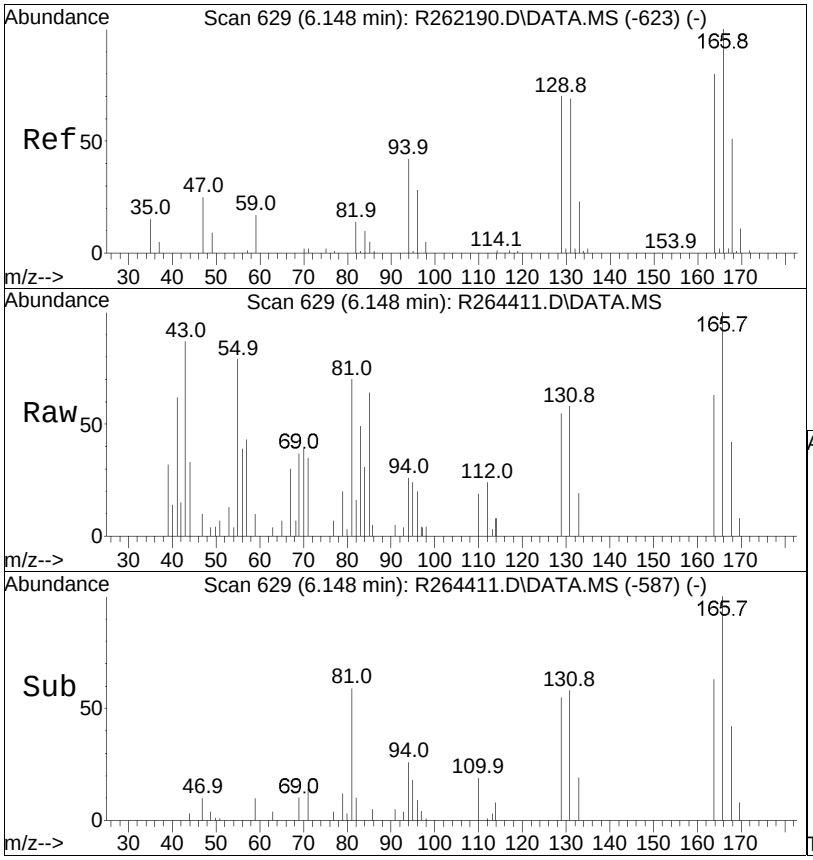


#68
toluene
Concen: 1.95 ppbV
RT: 5.589 min Scan# 559
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 91 Resp: 140640

Ion	Ratio	Lower	Upper
91	100		
92	59.0	47.9	71.9

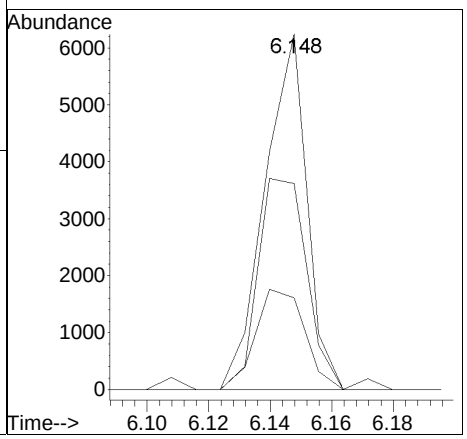


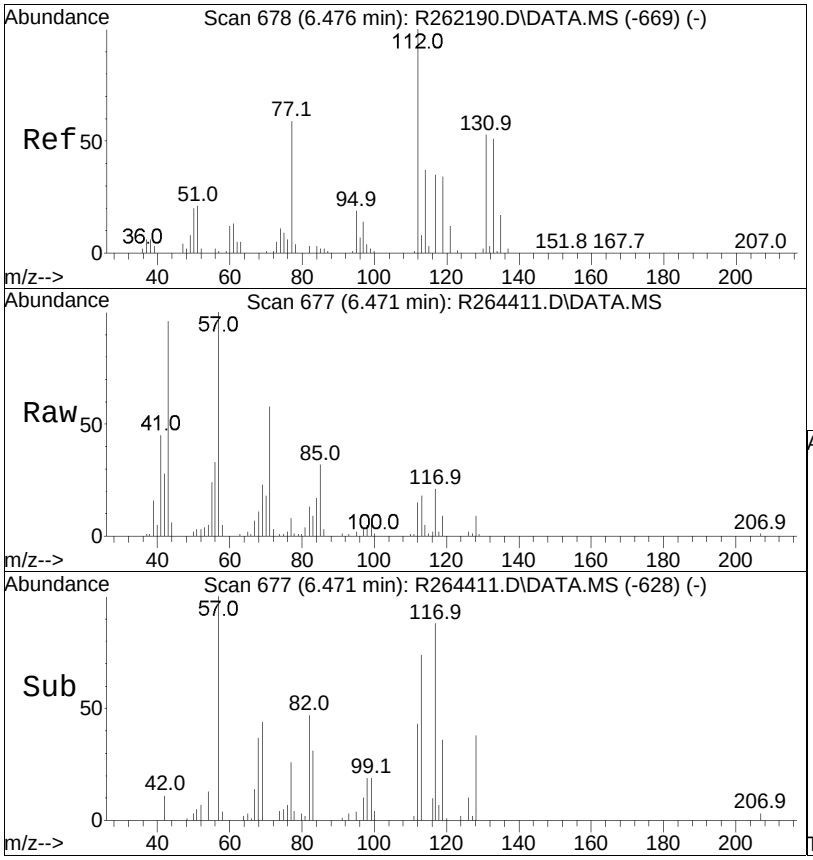


#78
tetrachloroethene
Concen: 0.16 ppbV
RT: 6.148 min Scan# 629
Delta R.T. 0.008 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion:166 Resp: 5931

Ion	Ratio	Lower	Upper
166	100		
131	58.0	57.0	85.4
94	25.8	29.0	43.4#

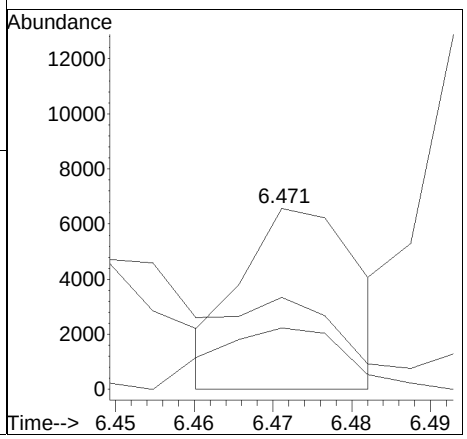


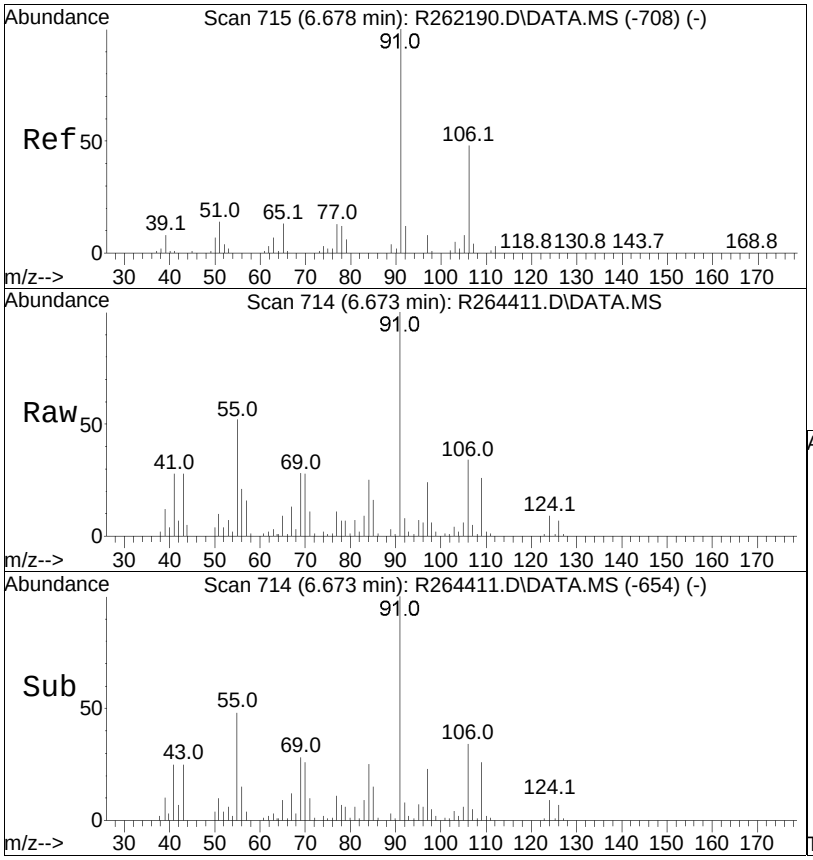


#80
chlorobenzene
Concen: 0.11 ppbV
RT: 6.471 min Scan# 677
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion:112 Resp: 6766

Ion	Ratio	Lower	Upper
112	100		
114	33.9	25.7	38.5
77	50.9	41.0	61.6

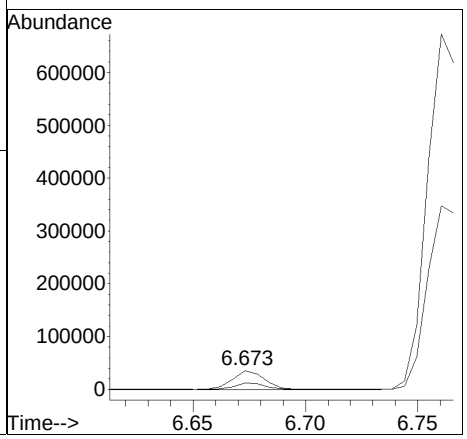


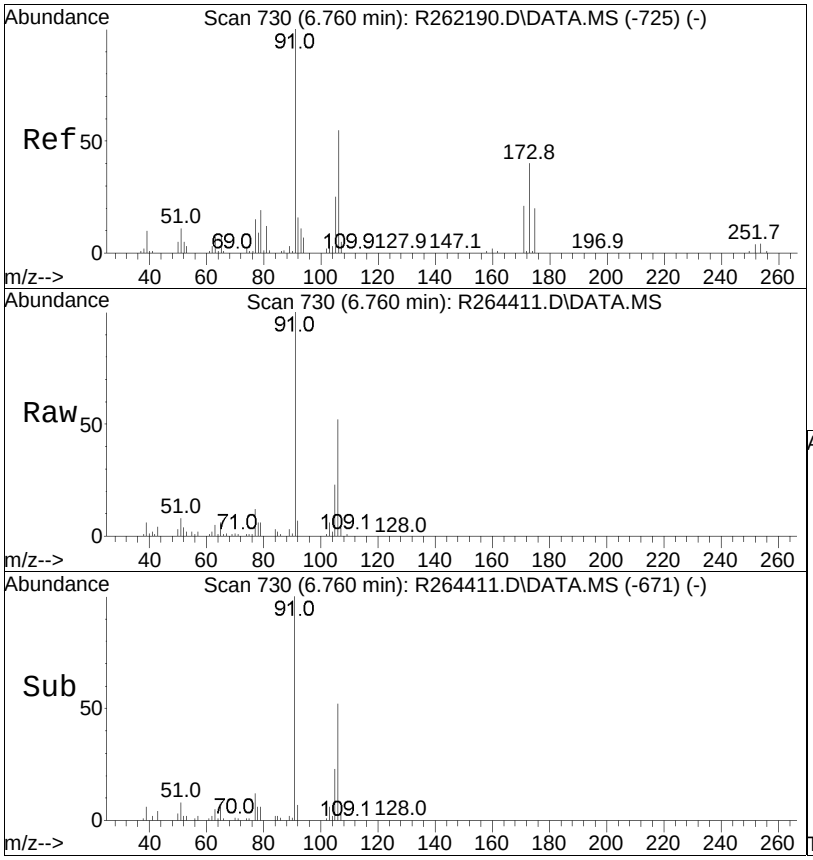


#81
ethylbenzene
Concen: 0.39 ppbV
RT: 6.673 min Scan# 714
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 91 Resp: 35687

Ion	Ratio	Lower	Upper
91	100		
106	34.5	26.6	39.8

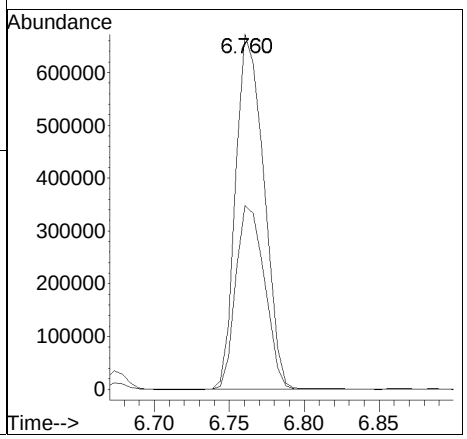


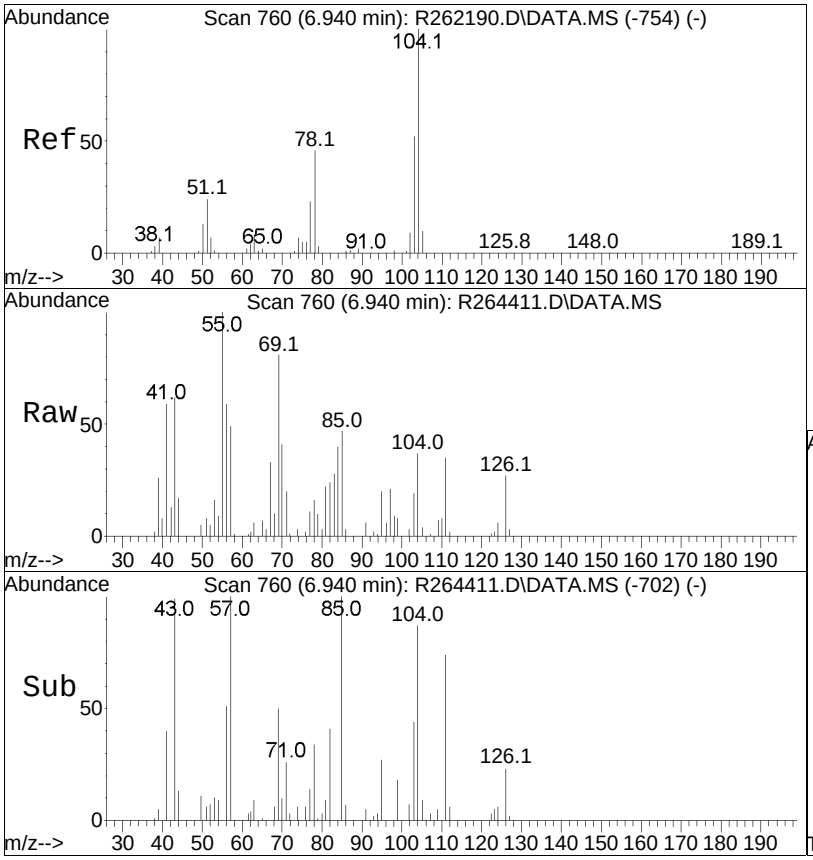


#83
m+p-xylene
Concen: 12.20 ppbV
RT: 6.760 min Scan# 730
Delta R.T. -0.005 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 91 Resp: 882460

Ion	Ratio	Lower	Upper
91	100		
106	51.7	40.6	60.8

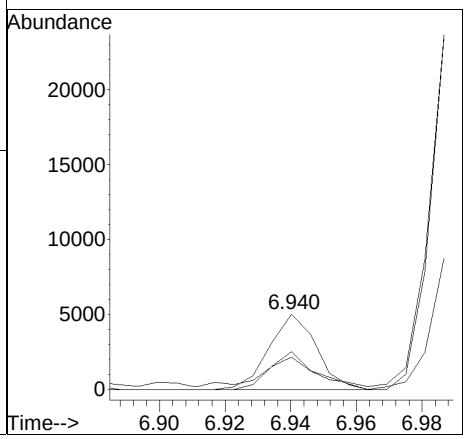


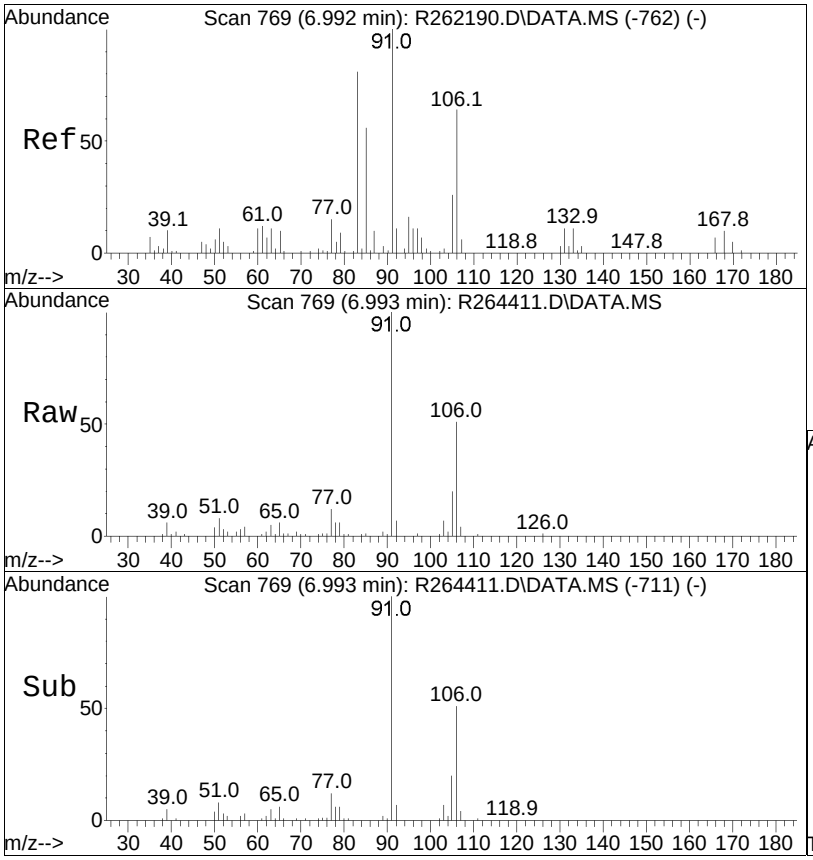


#85
styrene
Concen: 0.09 ppbV
RT: 6.940 min Scan# 760
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion:104 Resp: 5012

Ion	Ratio	Lower	Upper
104	100		
103	50.3	37.4	56.0
78	43.2	29.0	43.6

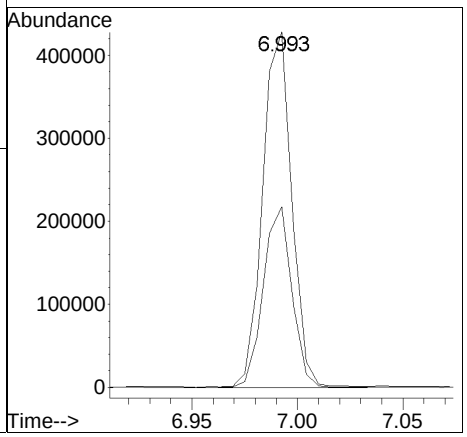


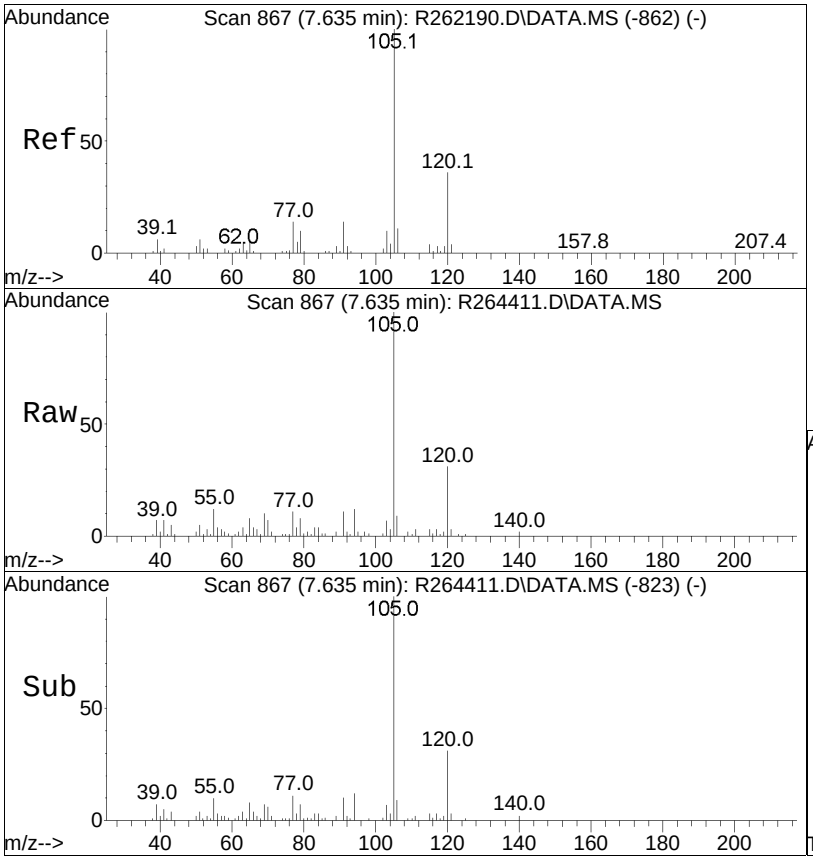


#87
o-xylene
Concen: 5.78 ppbV
RT: 6.993 min Scan# 769
Delta R.T. 0.006 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion: 91 Resp: 411557

Ion	Ratio	Lower	Upper
91	100		
106	50.9	40.8	61.2

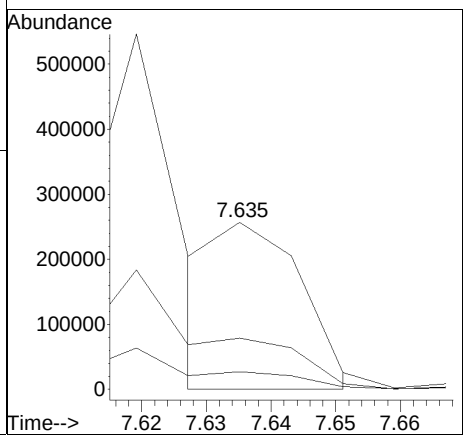


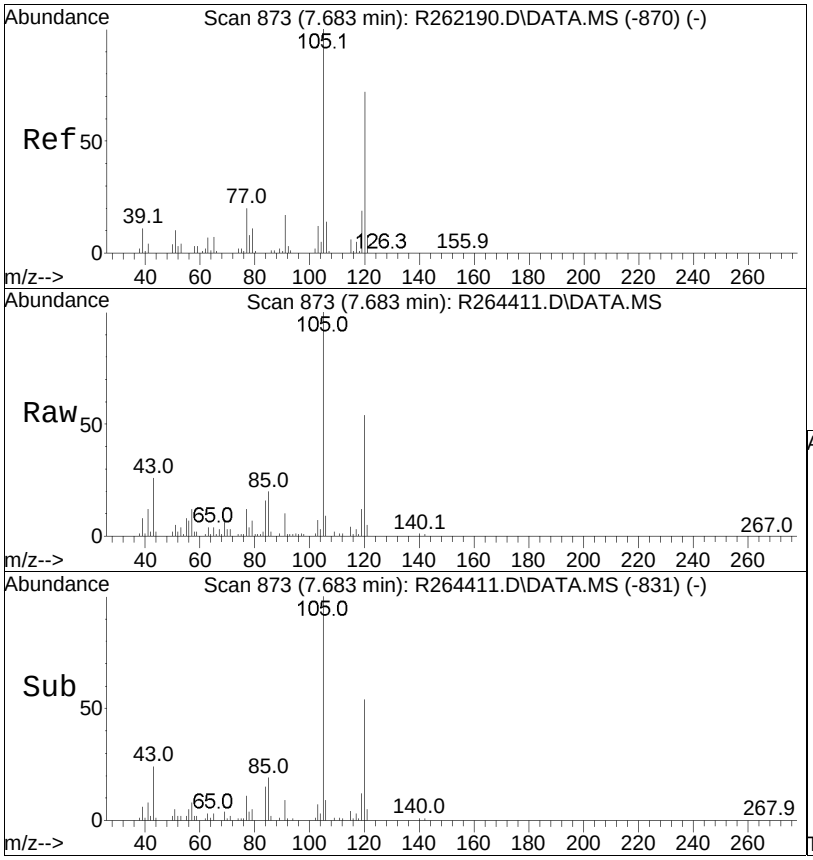


#96
4-ethyl toluene
Concen: 2.34 ppbV m
RT: 7.635 min Scan# 867
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion:105 Resp: 233735

Ion	Ratio	Lower	Upper
105	100		
120	30.7	25.0	37.6
91	10.6	7.8	11.6

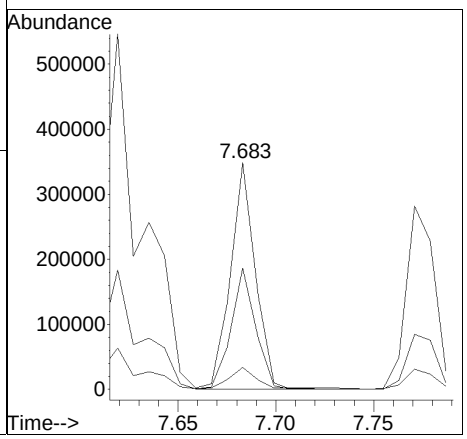


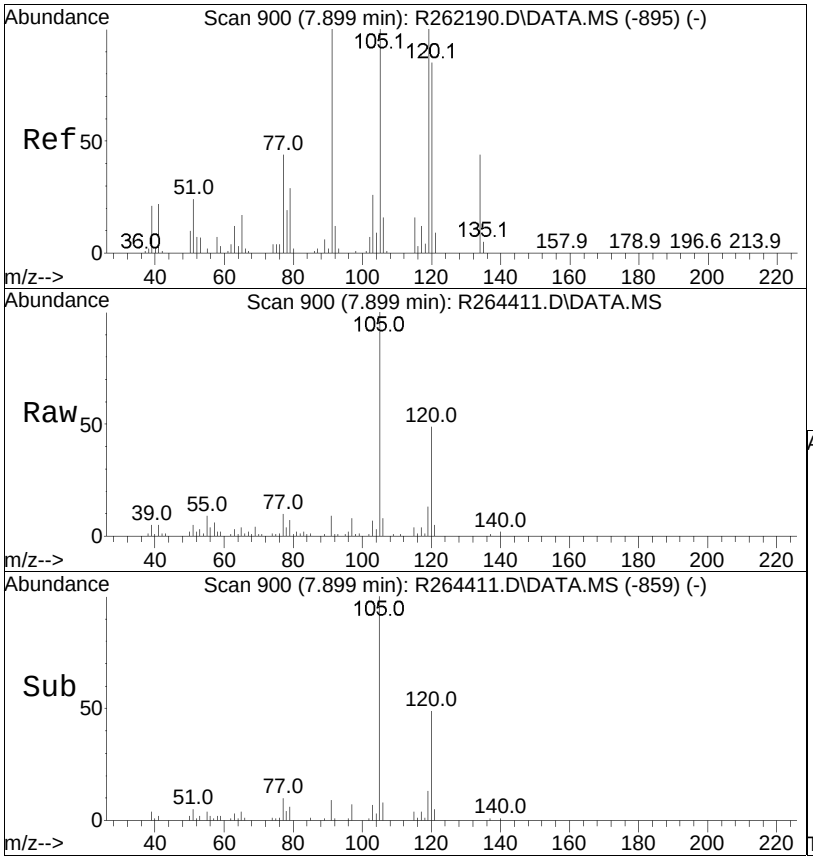


#97
1,3,5-trimethylbenzene
Concen: 3.60 ppbV
RT: 7.683 min Scan# 873
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion:105 Resp: 307619

Ion	Ratio	Lower	Upper
105	100		
120	53.6	42.0	63.0
91	9.7	7.1	10.7

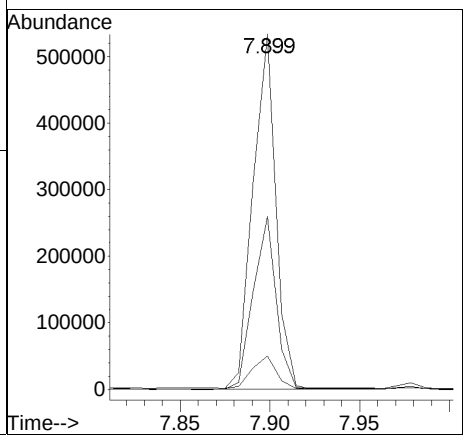


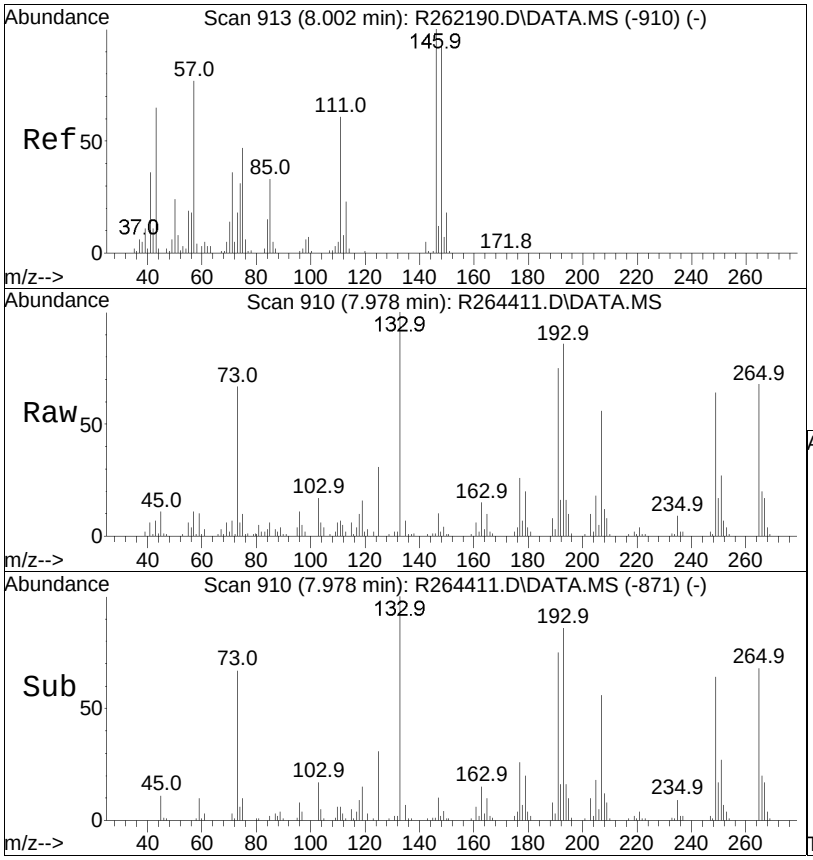


#99
1,2,4-trimethylbenzene
Concen: 5.46 ppbV
RT: 7.899 min Scan# 900
Delta R.T. 0.000 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion:105 Resp: 475718

Ion	Ratio	Lower	Upper
105	100		
120	48.7	44.5	66.7
91	9.4	35.1	52.7#

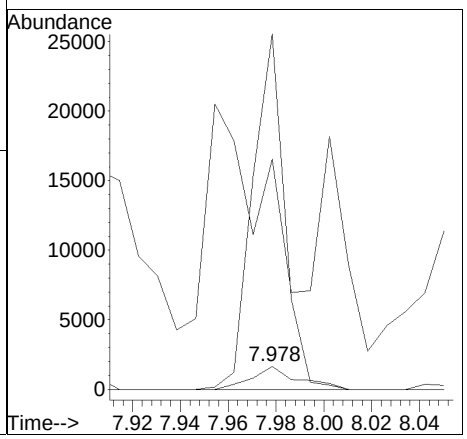


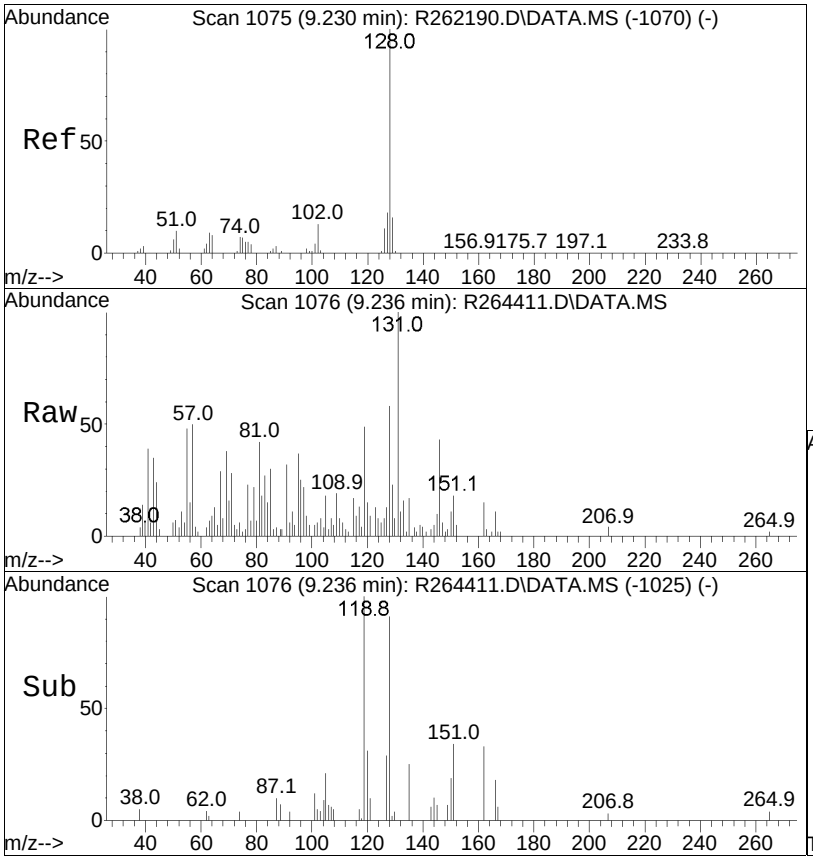


#103
1,4-dichlorobenzene
Concen: 0.03 ppbV
RT: 7.978 min Scan# 910
Delta R.T. -0.016 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion:146 Resp: 2219

Ion	Ratio	Lower	Upper
146	100		
111	1002.7	28.9	43.3#
75	1548.1	19.3	28.9#

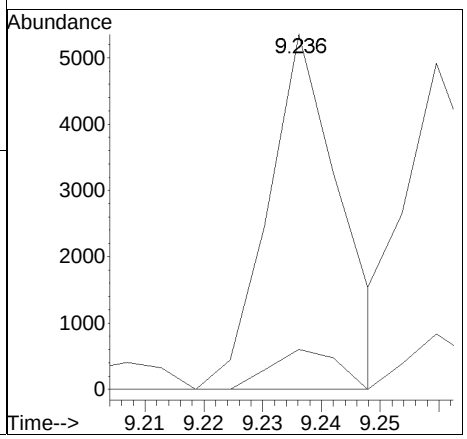




#116
naphthalene
Concen: 0.03 ppbV
RT: 9.236 min Scan# 1076
Delta R.T. 0.006 min
Lab File: R264411.D
Acq: 18 Jun 2025 02:46 am

Tgt Ion:128 Resp: 4583

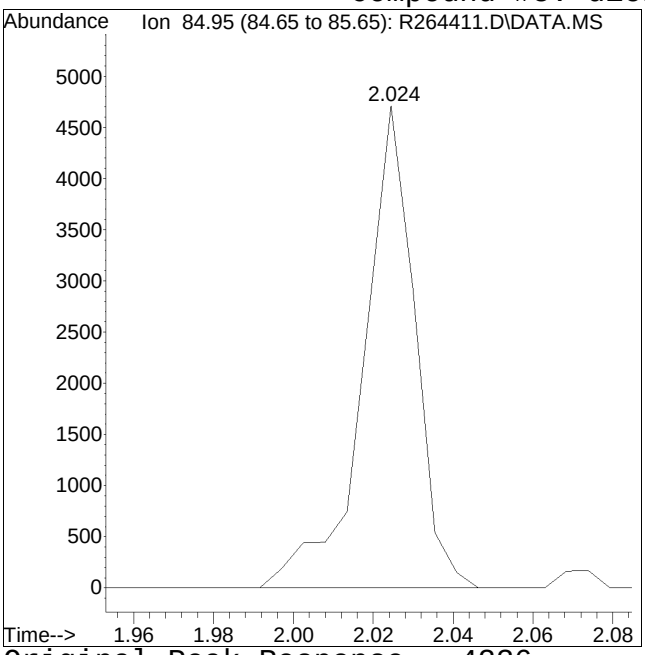
Ion	Ratio	Lower	Upper
128	100		
102	11.3	6.2	9.4#



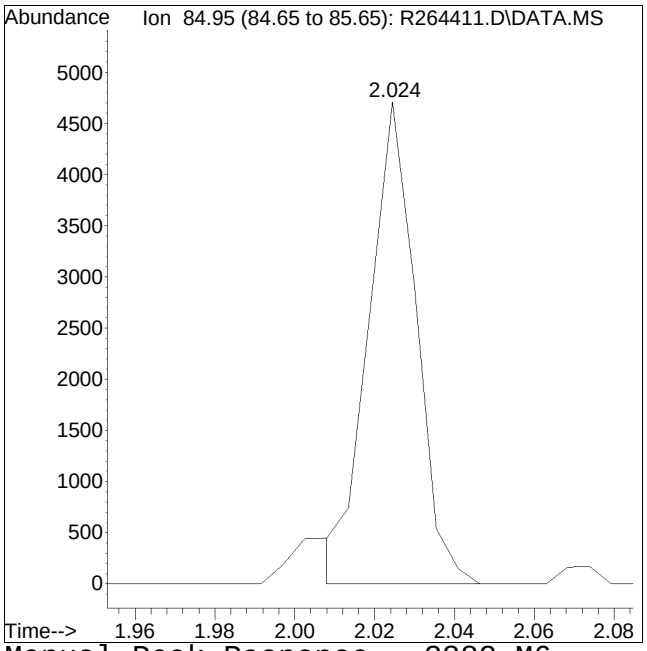
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R264411.D Operator : AIRLAB26:RAY
Date Inj'd : 6/18/2025 2:46 am Instrument : Airlab26
Sample : L2536987-01D,3,48.81,250 Quant Date : 6/18/2025 7:07 am

Compound #5: dichlorodifluoromethane



Original Peak Response = 4236



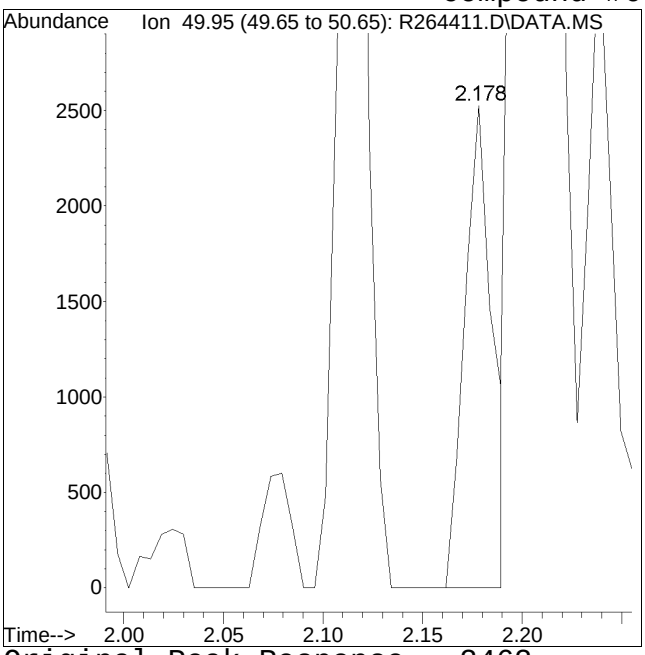
Manual Peak Response = 3882 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

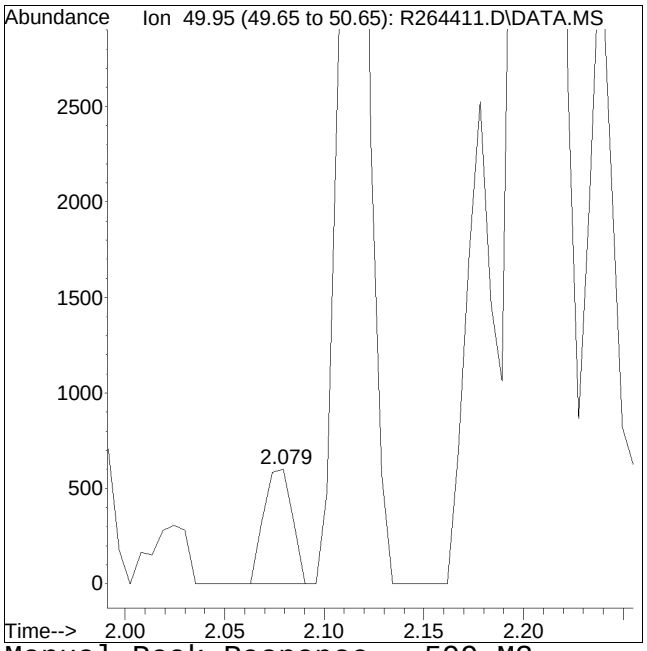
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R264411.D Operator : AIRLAB26:RAY
Date Inj'd : 6/18/2025 2:46 am Instrument : Airlab26
Sample : L2536987-01D,3,48.81,250 Quant Date : 6/18/2025 7:07 am

Compound #6: chloromethane



Original Peak Response = 2462



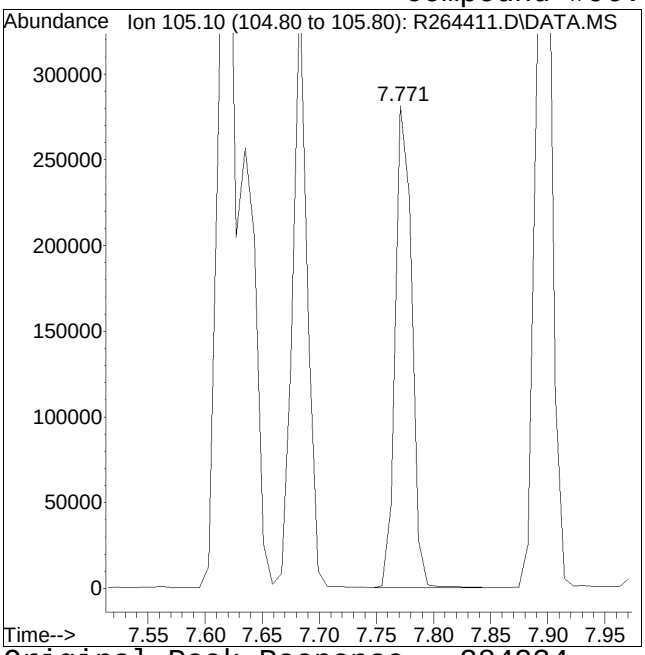
Manual Peak Response = 599 M3

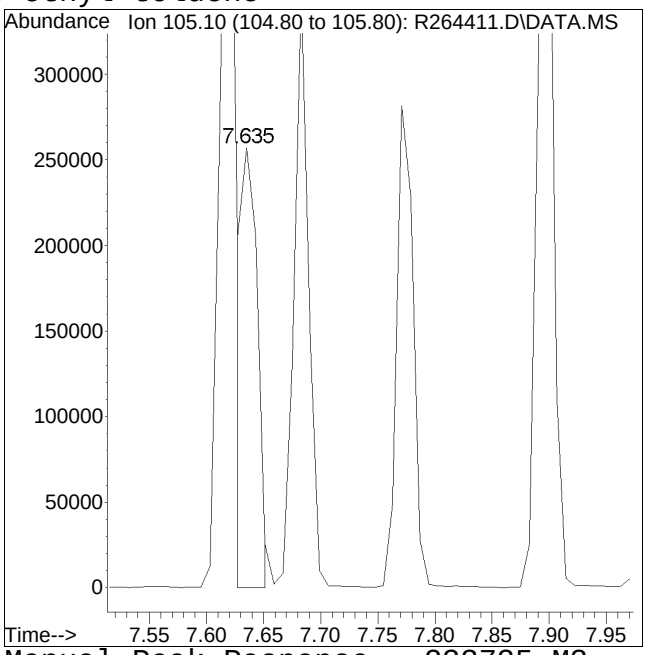
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R264411.D Operator : AIRLAB26:RAY
Date Inj'd : 6/18/2025 2:46 am Instrument : Airlab26
Sample : L2536987-01D,3,48.81,250 Quant Date : 6/18/2025 7:07 am

Compound #96: 4-ethyl toluene





Original Peak Response = 284234 Manual Peak Response = 233735 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264412.D
Acq On : 18 Jun 2025 03:19 am
Operator : AIRLAB26:RAY
Sample : L2536987-02D,3,117.8,250
Misc : WG2080108,ICAL22173
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 18 07:08:16 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.505	49	200325	10.000	ppbV	0.00
Standard Area = 186317			Recovery = 107.52%			
43) 1,4-difluorobenzene	4.372	114	748291	10.000	ppbV	0.00
Standard Area = 725709			Recovery = 103.11%			
67) chlorobenzene-D5	6.450	54	98874	10.000	ppbV	0.00
Standard Area = 89519			Recovery = 110.45%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.024	85	10944M6	0.253	ppbV	
6) chloromethane	2.074	50	2148M3	0.167	ppbV	
7) Freon-114	2.107		0	N.D.		
9) vinyl chloride	2.013		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	2.255		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.365	31	29426	4.376	ppbV	95
17) vinyl bromide	0.000		0	N.D.		
19) acetone	2.511	43	68641M6	4.159	ppbV	
21) trichlorofluoromethane	2.556	101	4505	0.114	ppbV	98
22) isopropyl alcohol	2.573	45	363503	18.453	ppbV	98
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	0.000		0	N.D.	d	
28) methylene chloride	2.765	49	1292	0.095	ppbV	92
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	2.851	76	2198	0.052	ppbV #	1
31) Freon 113	2.851		0	N.D.		
32) trans-1,2-dichloroethene	3.151		0	N.D.		
33) 1,1-dichloroethane	3.066		0	N.D.		
34) MTBE	3.151		0	N.D.		
36) 2-butanone	3.288	43	14518	0.534	ppbV	97
37) cis-1,2-dichloroethene	3.565		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.	d	
39) chloroform	3.572		0	N.D.		
40) Tetrahydrofuran	3.744	42	2323	0.176	ppbV #	84
42) 1,2-dichloroethane	3.873		0	N.D.		
44) hexane	3.550	57	142092	6.446	ppbV #	23

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264412.D
Acq On : 18 Jun 2025 03:19 am
Operator : AIRLAB26:RAY
Sample : L2536987-02D,3,117.8,250
Misc : WG2080108,ICAL22173
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 18 07:08:16 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.	
50) benzene	4.183	78	8103	0.158 ppbV #	90
52) carbon tetrachloride	4.249	117	8953	0.263 ppbV	90
53) cyclohexane	4.315	56	9668	0.441 ppbV #	83
56) 1,2-dichloropropane	0.000		0	N.D.	
57) bromodichloromethane	0.000		0	N.D.	
58) 1,4-dioxane	0.000		0	N.D.	
59) trichloroethene	0.000		0	N.D.	
60) 2,2,4-trimethylpentane	4.730		0	N.D.	
62) heptane	4.871	43	796	0.037 ppbV #	68
63) cis-1,3-dichloropropene	0.000		0	N.D.	
64) 4-methyl-2-pentanone	5.164	43	1290	0.048 ppbV #	60
65) trans-1,3-dichloropropene	0.000		0	N.D.	
66) 1,1,2-trichloroethane	0.000		0	N.D.	
68) toluene	5.595	91	12444	0.174 ppbV	88
72) 2-hexanone	0.000		0	N.D. d	
74) dibromochloromethane	0.000		0	N.D.	
75) 1,2-dibromoethane	0.000		0	N.D.	
78) tetrachloroethene	6.146	166	1573	0.042 ppbV	86
80) chlorobenzene	6.472		0	N.D.	
81) ethylbenzene	6.679		0	N.D.	
83) m+p-xylene	6.761	91	4964	0.069 ppbV	98
84) bromoform	0.000		0	N.D.	
85) styrene	6.941	104	3015	0.053 ppbV	91
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D. d	
87) o-xylene	6.993	91	2262	0.032 ppbV	95
96) 4-ethyl toluene	7.646		0	N.D.	
97) 1,3,5-trimethylbenzene	7.686		0	N.D.	
99) 1,2,4-trimethylbenzene	7.901	105	3588	0.042 ppbV #	79
101) Benzyl Chloride	0.000		0	N.D. d	
102) 1,3-dichlorobenzene	7.997		0	N.D.	
103) 1,4-dichlorobenzene	7.997		0	N.D.	
107) 1,2-dichlorobenzene	0.000		0	N.D.	
115) 1,2,4-trichlorobenzene	9.181		0	N.D.	
116) naphthalene	9.239		0	N.D.	
119) hexachlorobutadiene	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264412.D
Acq On : 18 Jun 2025 03:19 am
Operator : AIRLAB26:RAY
Sample : L2536987-02D,3,117.8,250
Misc : WG2080108,ICAL22173
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 18 07:08:16 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

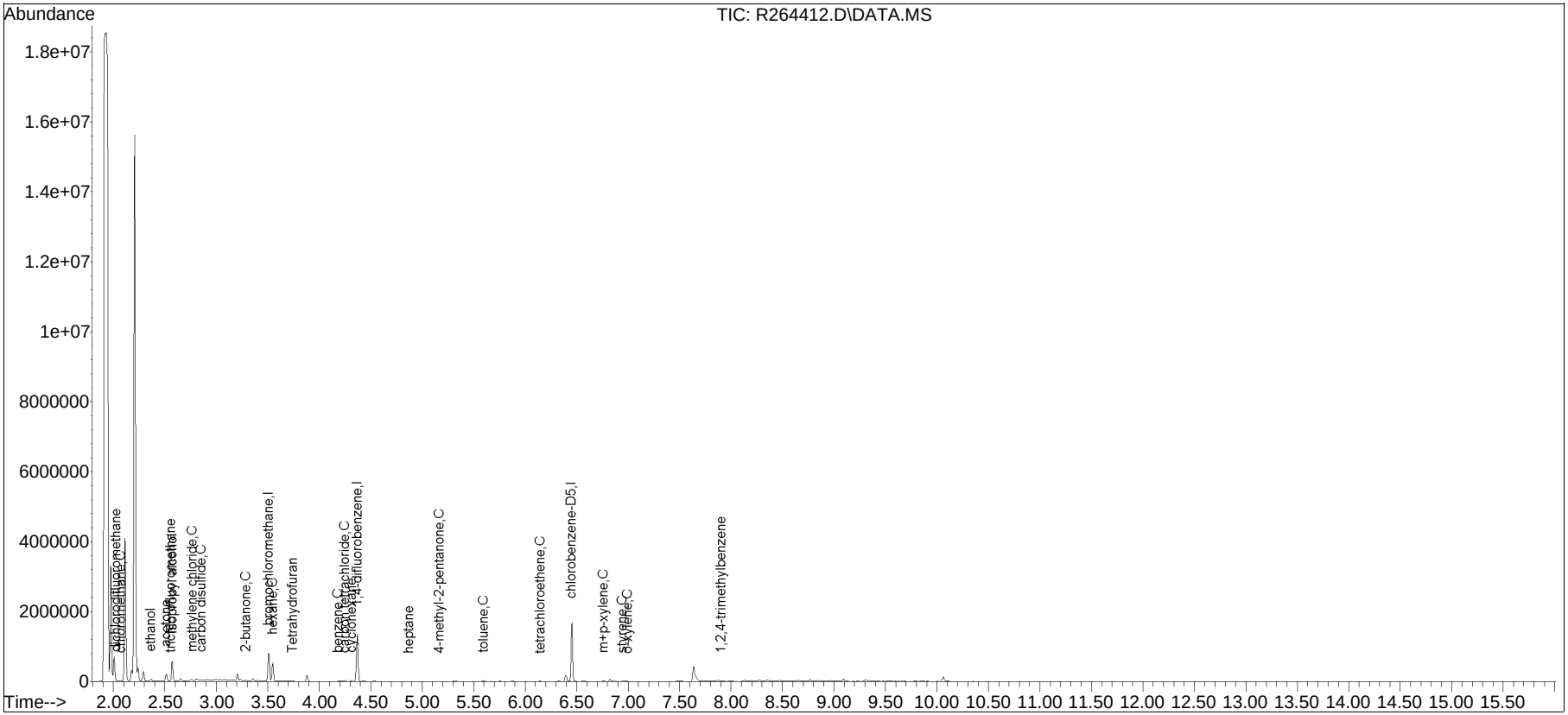
CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : TO15-NY+Naphthalene - .

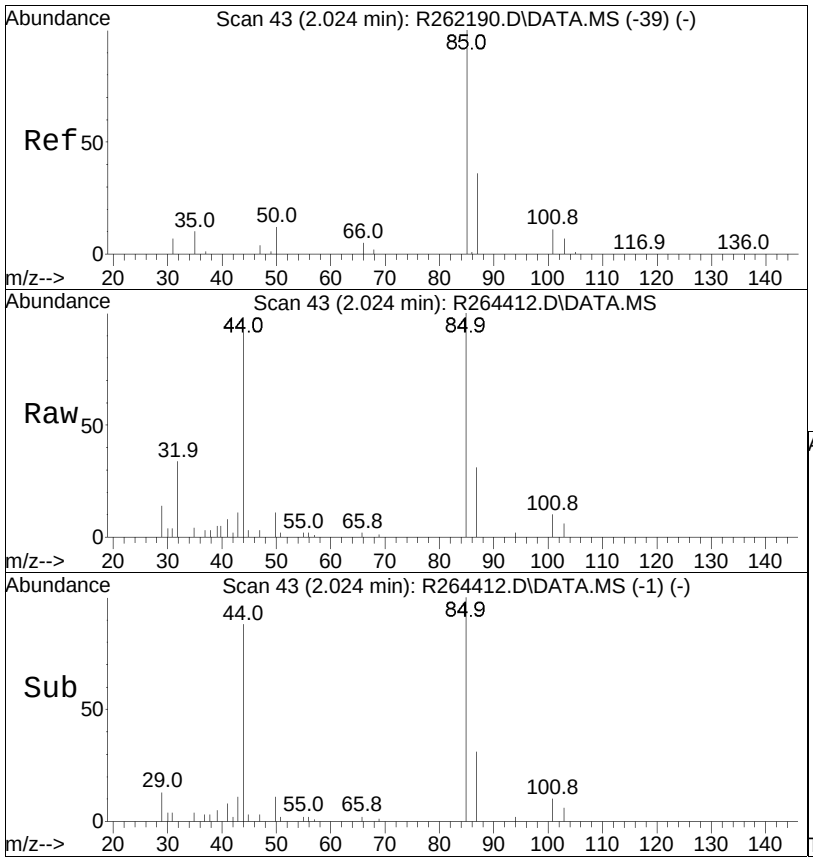
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\06\0617T\R264394.D

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264412.D
Acq On : 18 Jun 2025 03:19 am
Operator : AIRLAB26:RAY
Sample : L2536987-02D,3,117.8,250
Misc : WG2080108,ICAL22173
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 18 07:08:16 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

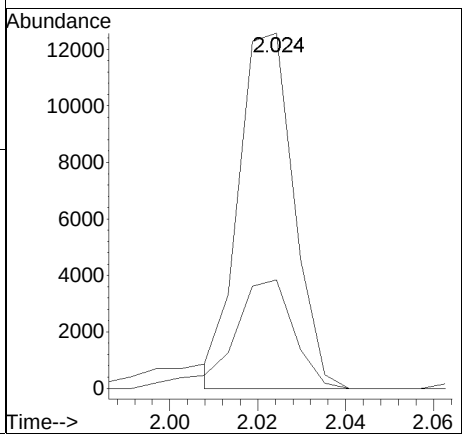


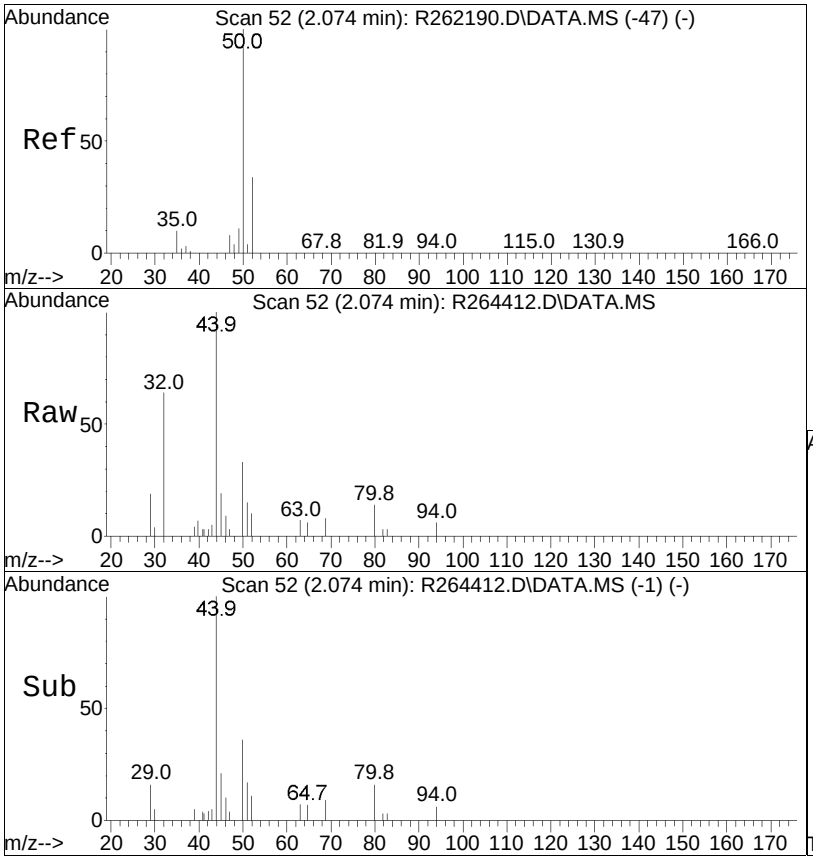


#5
dichlorodifluoromethane
Concen: 0.25 ppbV m
RT: 2.024 min Scan# 43
Delta R.T. -0.000 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 85 Resp: 10944

Ion	Ratio	Lower	Upper
85	100		
87	30.6	26.0	39.0

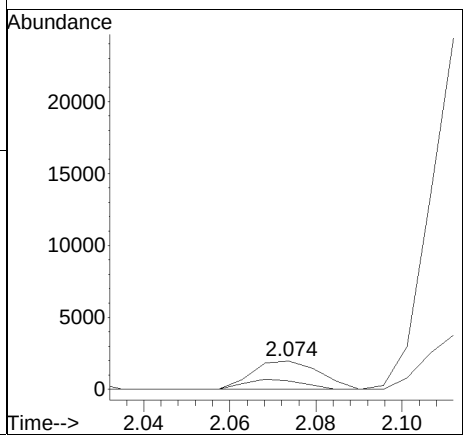


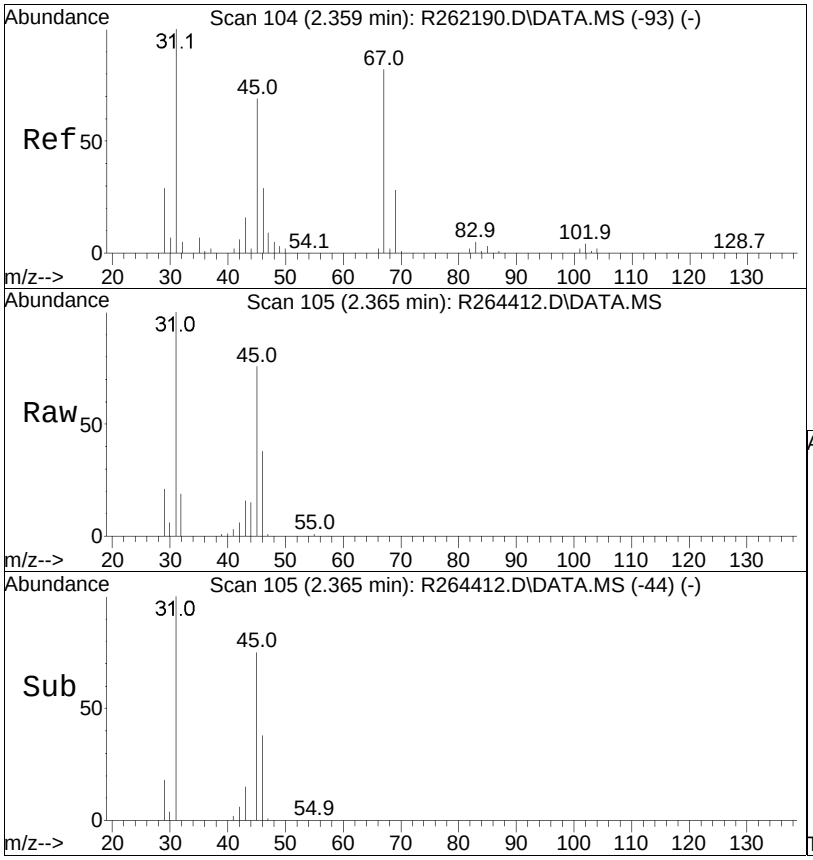


#6
chloromethane
Concen: 0.17 ppbV m
RT: 2.074 min Scan# 52
Delta R.T. -0.000 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 50 Resp: 2148

Ion	Ratio	Lower	Upper
50	100		
52	30.0	27.1	40.7

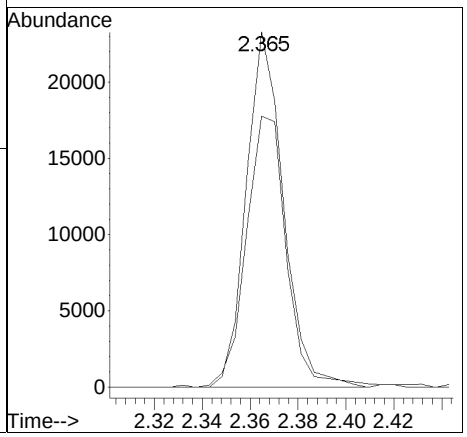


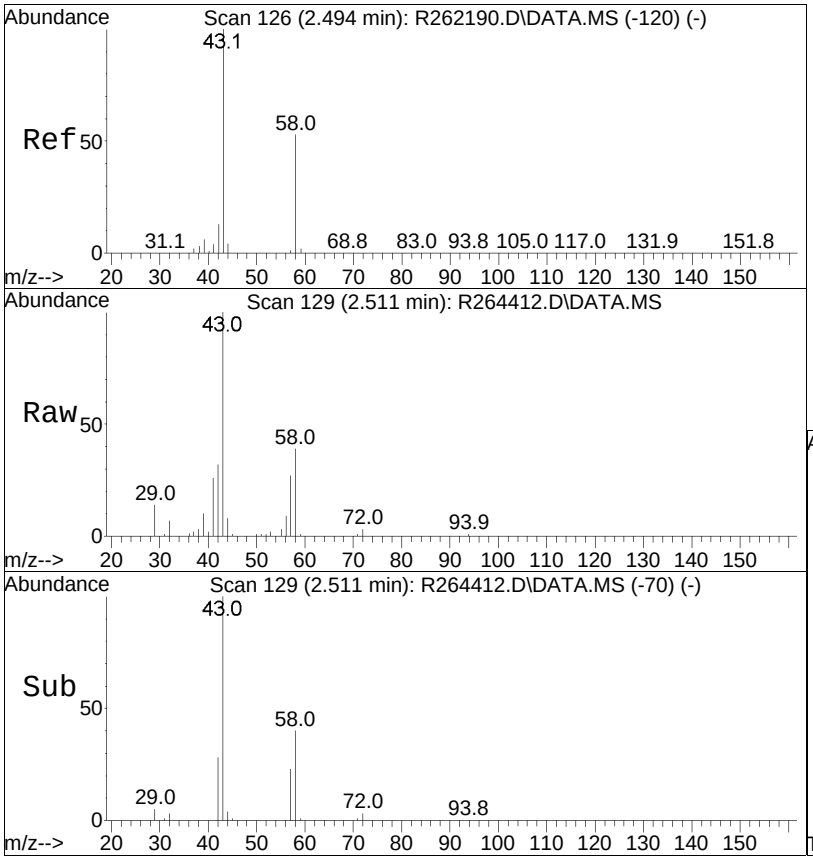


#15
ethanol
Concen: 4.38 ppbV
RT: 2.365 min Scan# 105
Delta R.T. 0.005 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 31 Resp: 29426

Ion	Ratio	Lower	Upper
31	100		
45	76.3	64.3	96.5

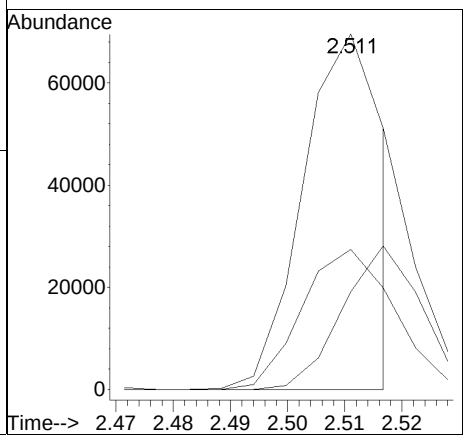


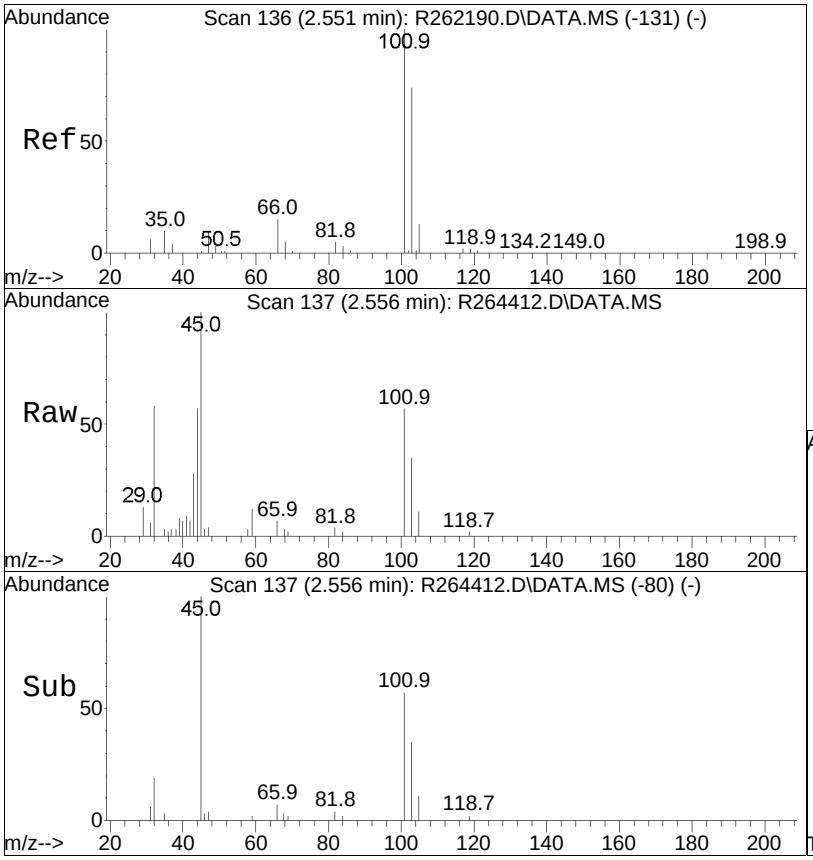


#19
acetone
Concen: 4.16 ppbV m
RT: 2.511 min Scan# 129
Delta R.T. 0.011 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 43 Resp: 68641

Ion	Ratio	Lower	Upper
43	100		
58	39.4	32.9	49.3
57	27.5	1.0	1.4#

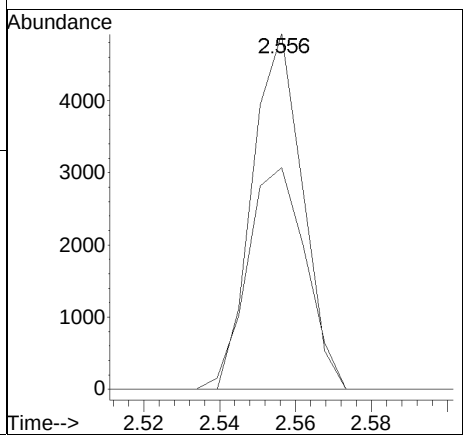


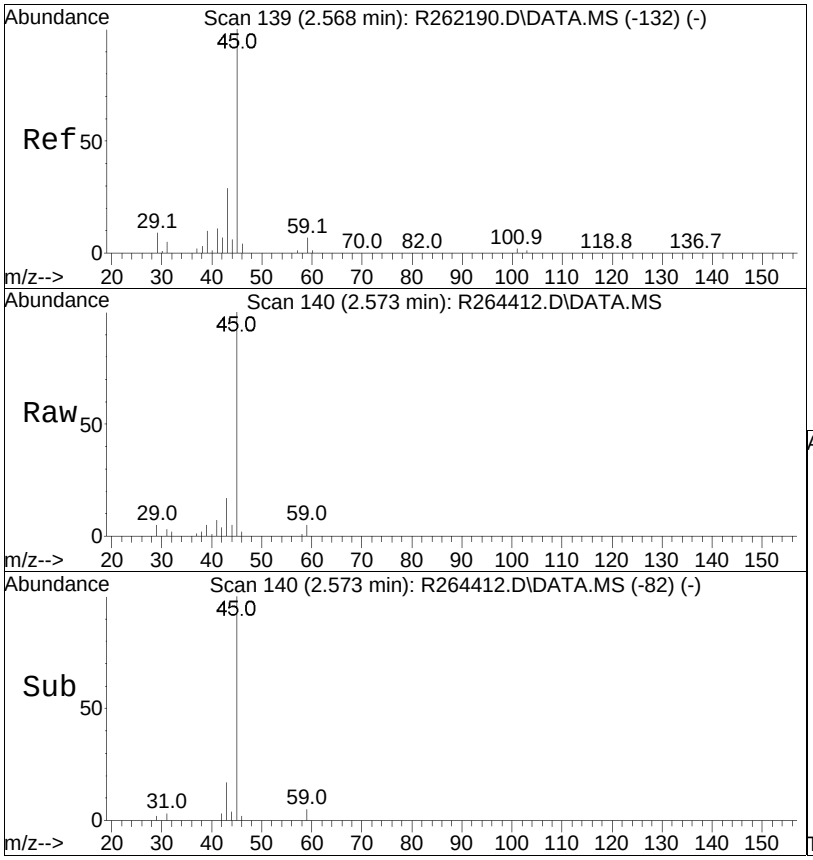


#21
trichlorofluoromethane
Concen: 0.11 ppbV
RT: 2.556 min Scan# 137
Delta R.T. -0.000 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion:101 Resp: 4505

Ion	Ratio	Lower	Upper
101	100		
103	62.4	50.9	76.3

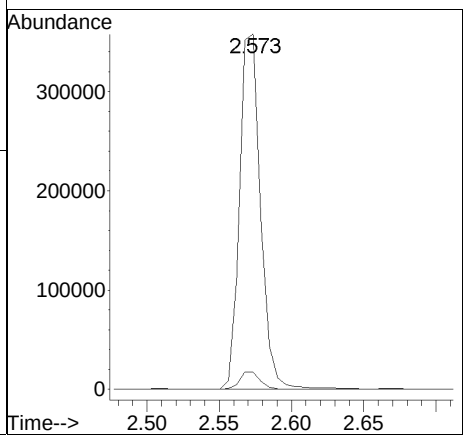


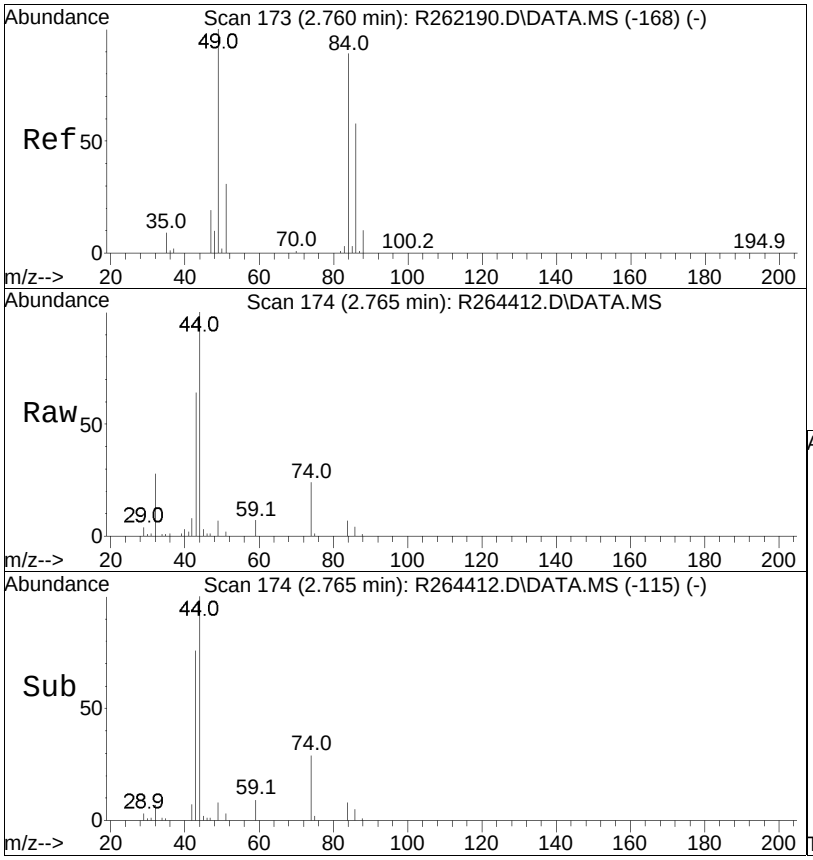


#22
isopropyl alcohol
Concen: 18.45 ppbV
RT: 2.573 min Scan# 140
Delta R.T. 0.005 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 45 Resp: 363503

Ion	Ratio	Lower	Upper
45	100		
59	4.9	4.4	6.6

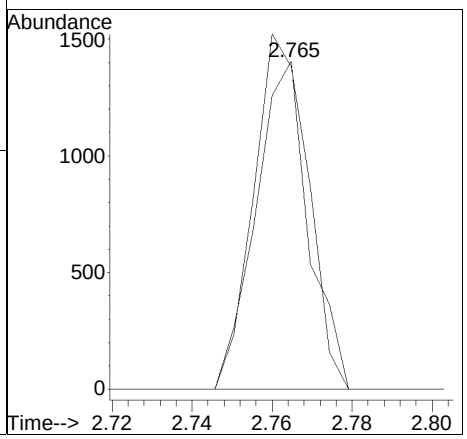


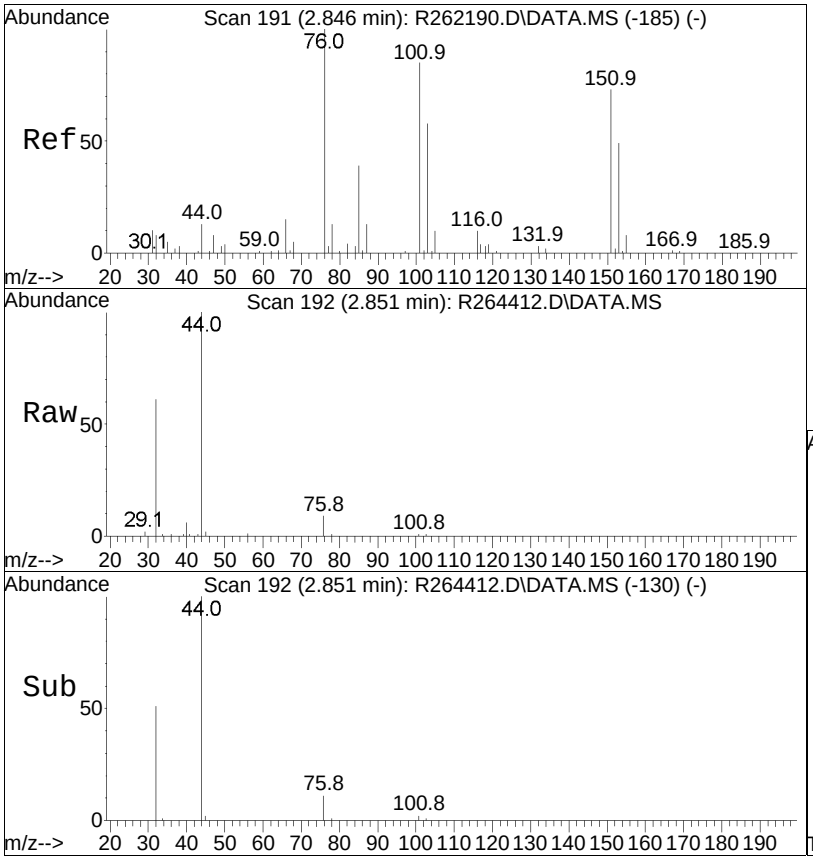


#28
methylene chloride
Concen: 0.09 ppbV
RT: 2.765 min Scan# 174
Delta R.T. 0.005 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 49 Resp: 1292

Ion	Ratio	Lower	Upper
49	100		
84	98.2	85.3	127.9

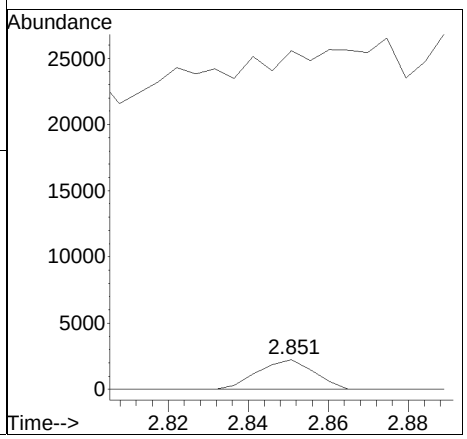


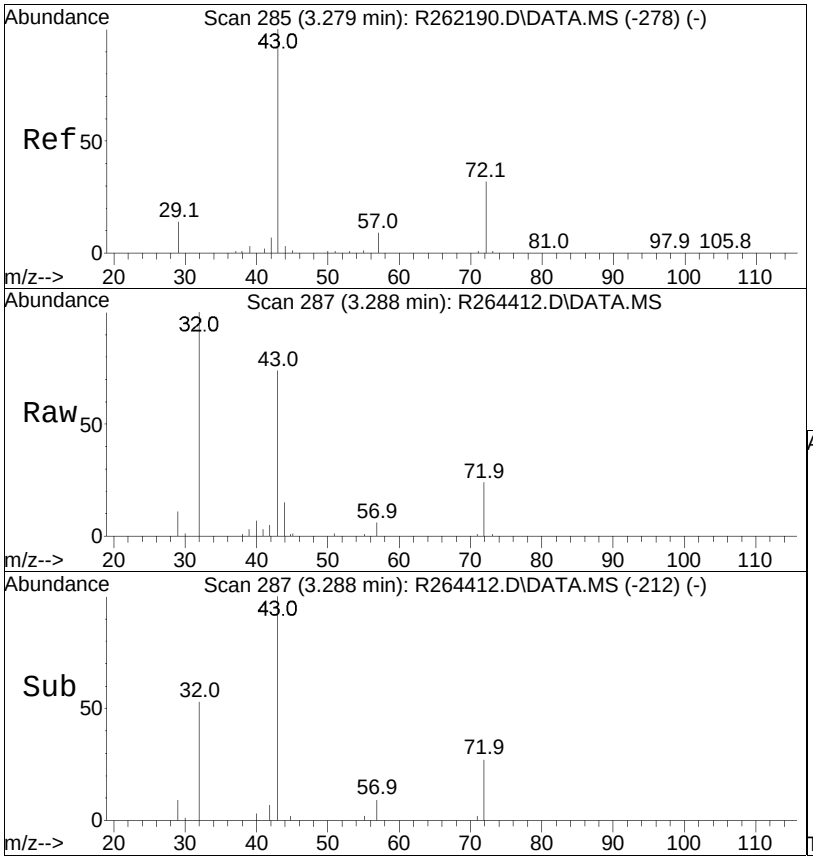


#30
carbon disulfide
Concen: 0.05 ppbV
RT: 2.851 min Scan# 192
Delta R.T. 0.005 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 76 Resp: 2198

Ion	Ratio	Lower	Upper
76	100		
44	1136.9	7.5	11.3#

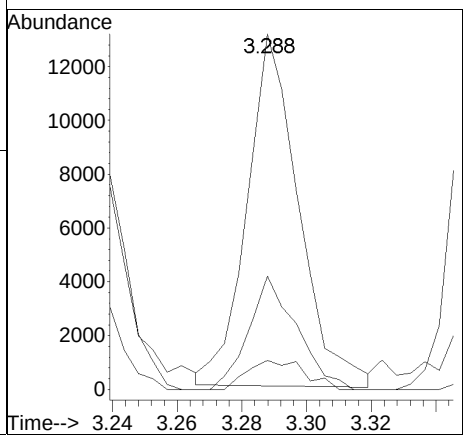


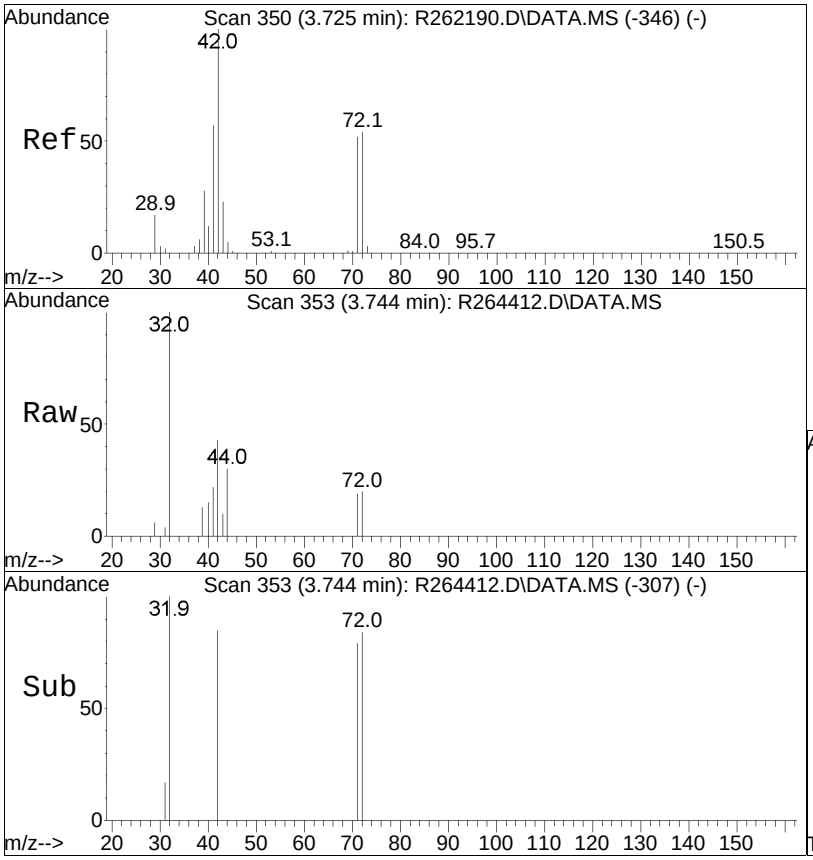


#36
2-butanone
Concen: 0.53 ppbV
RT: 3.288 min Scan# 287
Delta R.T. 0.009 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 43 Resp: 14518

Ion	Ratio	Lower	Upper
43	100		
72	31.9	27.1	40.7
57	8.1	7.4	11.2

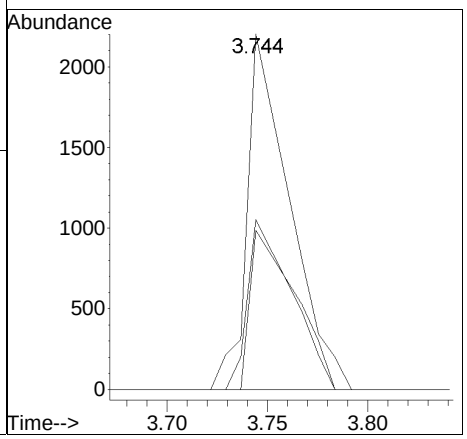


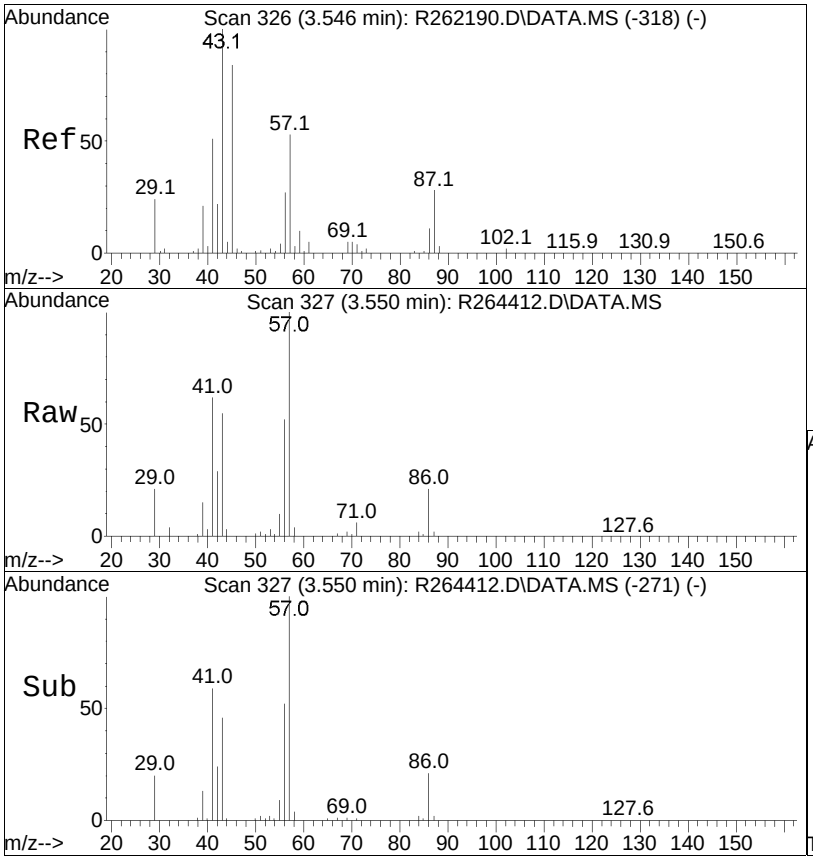


#40
Tetrahydrofuran
Concen: 0.18 ppbV
RT: 3.744 min Scan# 353
Delta R.T. 0.012 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 42 Resp: 2323

Ion	Ratio	Lower	Upper
42	100		
71	44.8	45.4	68.2#
72	47.8	47.4	71.0

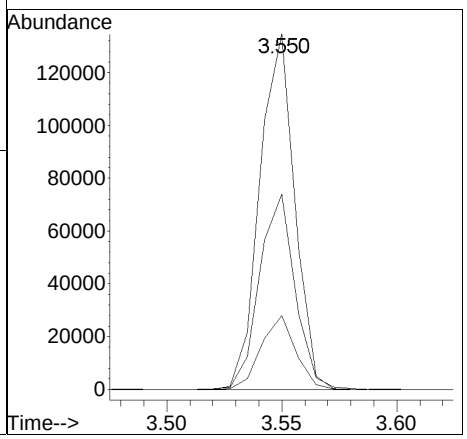


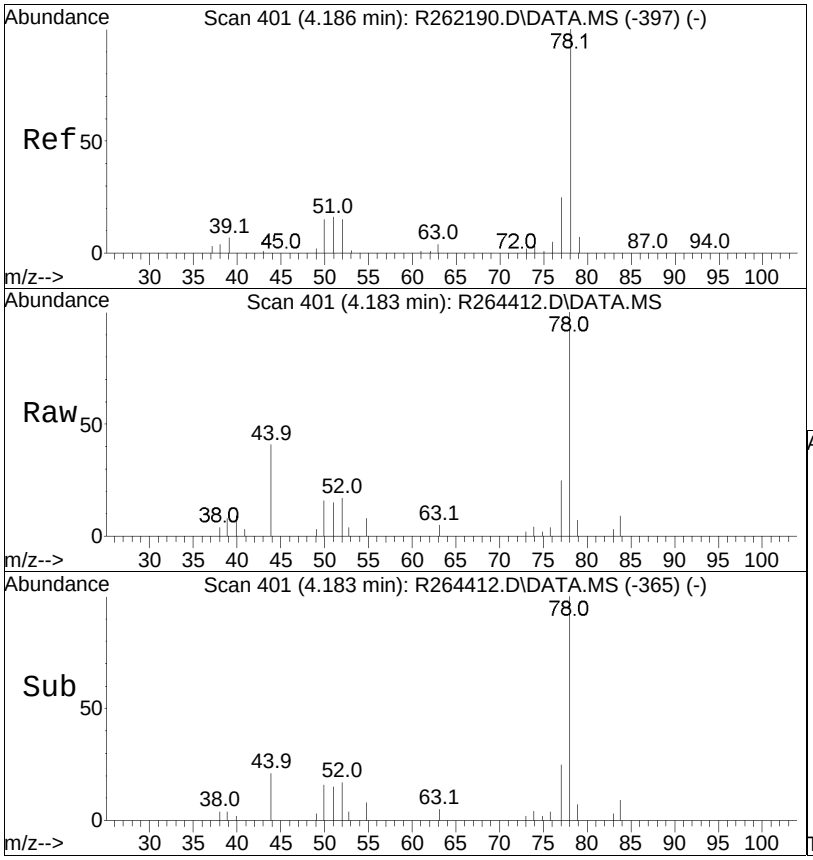


#44
hexane
Concen: 6.45 ppbV
RT: 3.550 min Scan# 327
Delta R.T. 0.004 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 57 Resp: 142092

Ion	Ratio	Lower	Upper
57	100		
43	54.9	140.7	211.1#
86	20.8	16.7	25.1

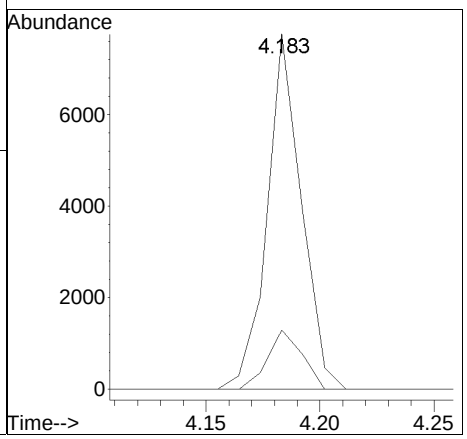


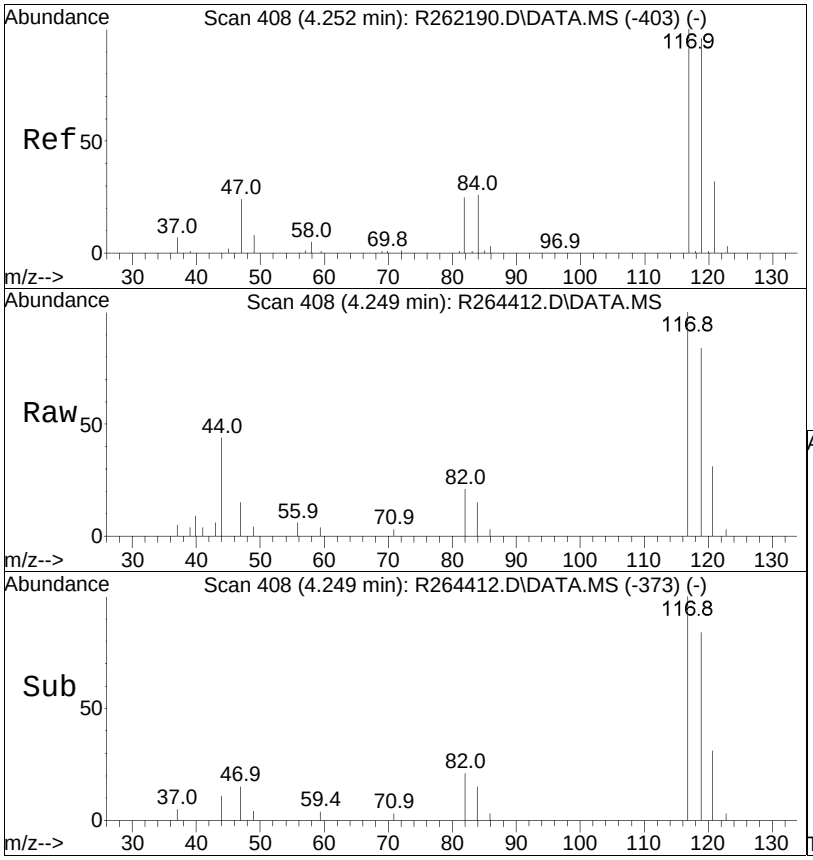


#50
benzene
Concen: 0.16 ppbV
RT: 4.183 min Scan# 401
Delta R.T. -0.003 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 78 Resp: 8103

Ion	Ratio	Lower	Upper
78	100		
52	16.7	10.3	15.5#

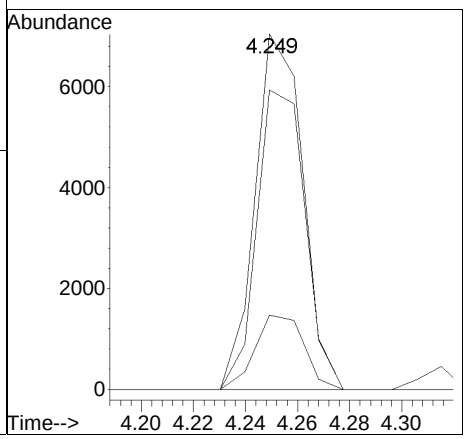


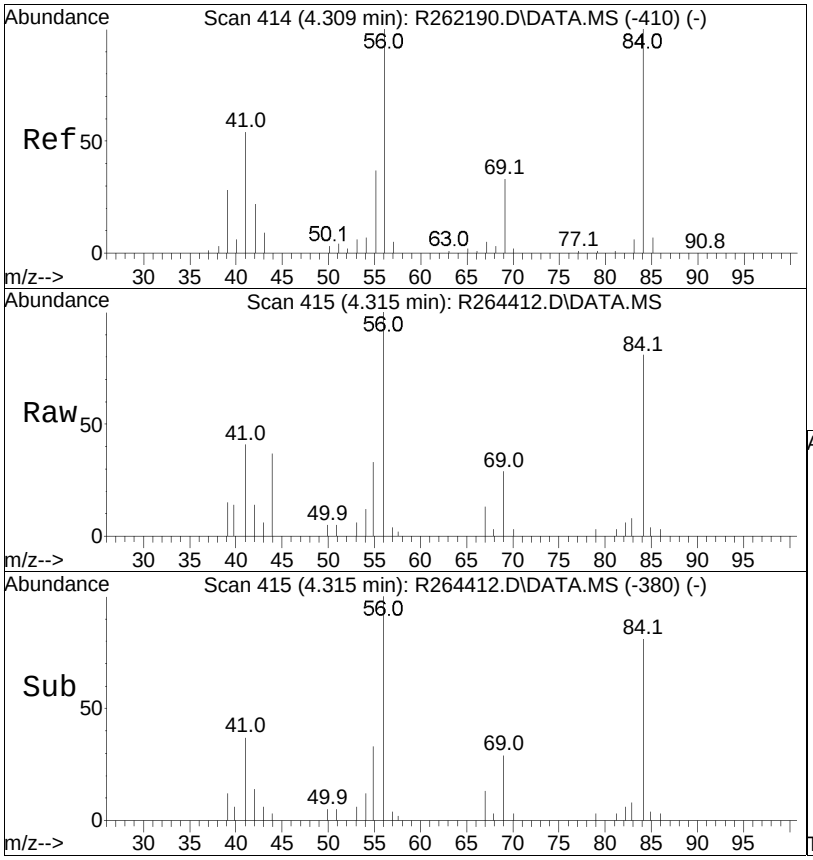


#52
carbon tetrachloride
Concen: 0.26 ppbV
RT: 4.249 min Scan# 408
Delta R.T. -0.003 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion:117 Resp: 8953

Ion	Ratio	Lower	Upper
117	100		
119	84.3	76.7	115.1
82	20.9	17.0	25.6

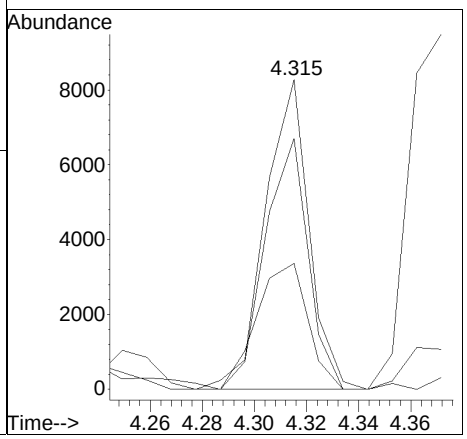


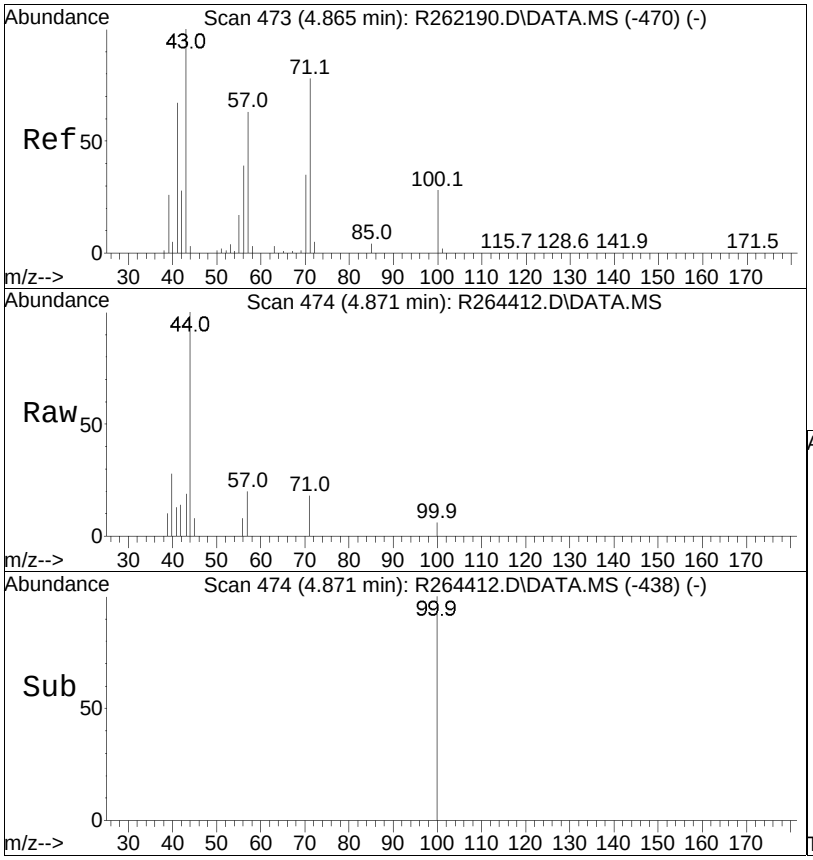


#53
cyclohexane
Concen: 0.44 ppbV
RT: 4.315 min Scan# 415
Delta R.T. 0.006 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 56 Resp: 9668

Ion	Ratio	Lower	Upper
56	100		
84	81.0	82.0	123.0#
41	40.7	35.6	53.4

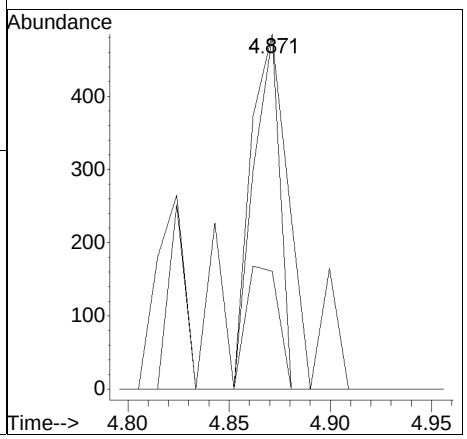


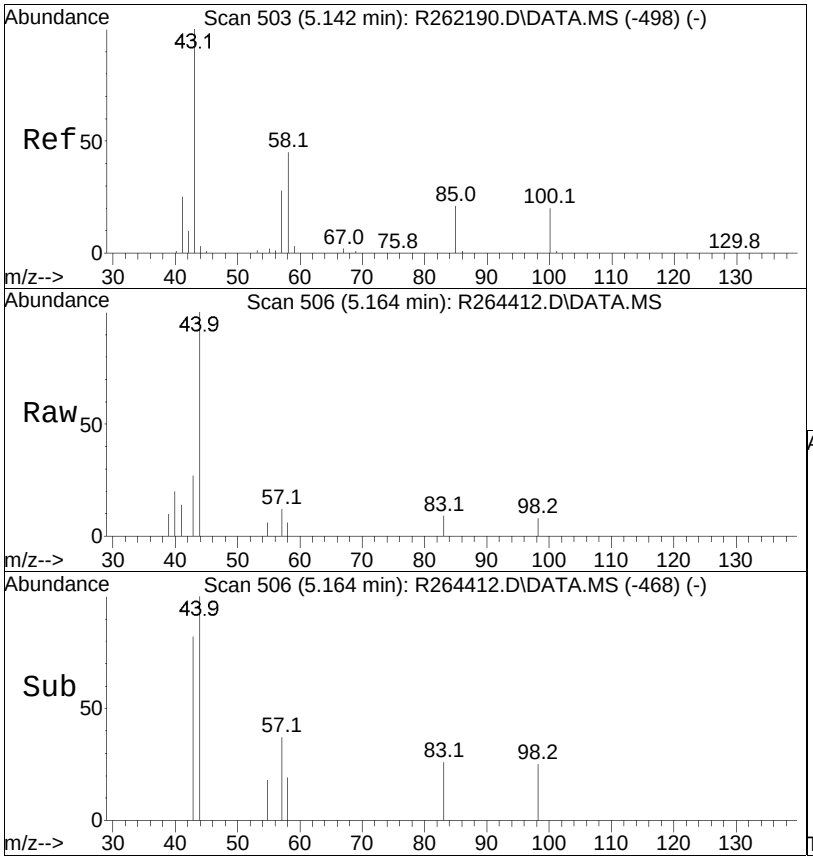


#62
heptane
Concen: 0.04 ppbV
RT: 4.871 min Scan# 474
Delta R.T. 0.006 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 43 Resp: 796

Ion	Ratio	Lower	Upper
43	100		
57	100.8	52.1	78.1#
100	33.5	24.8	37.2

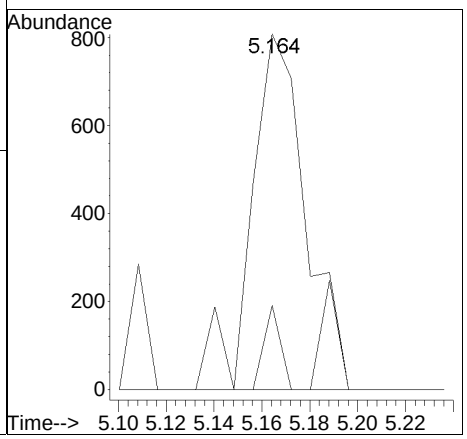


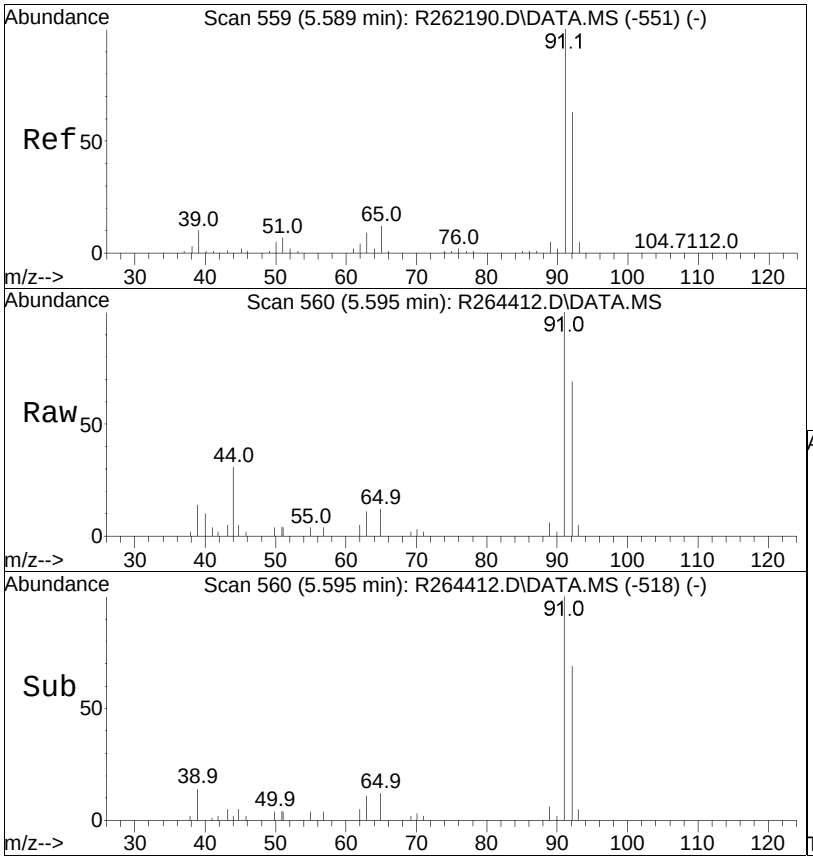


#64
4-methyl-2-pentanone
Concen: 0.05 ppbV
RT: 5.164 min Scan# 506
Delta R.T. 0.022 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 43 Resp: 1290

Ion	Ratio	Lower	Upper
43	100		
58	23.6	38.8	58.2#
100	0.0	18.2	27.4#

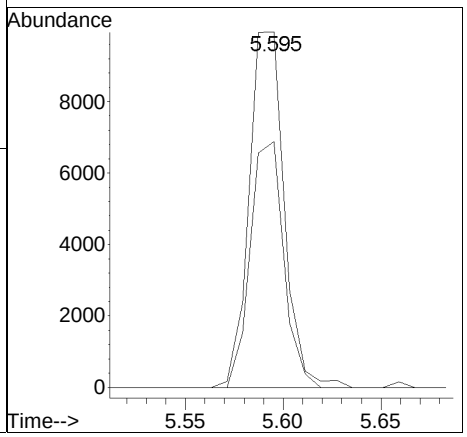


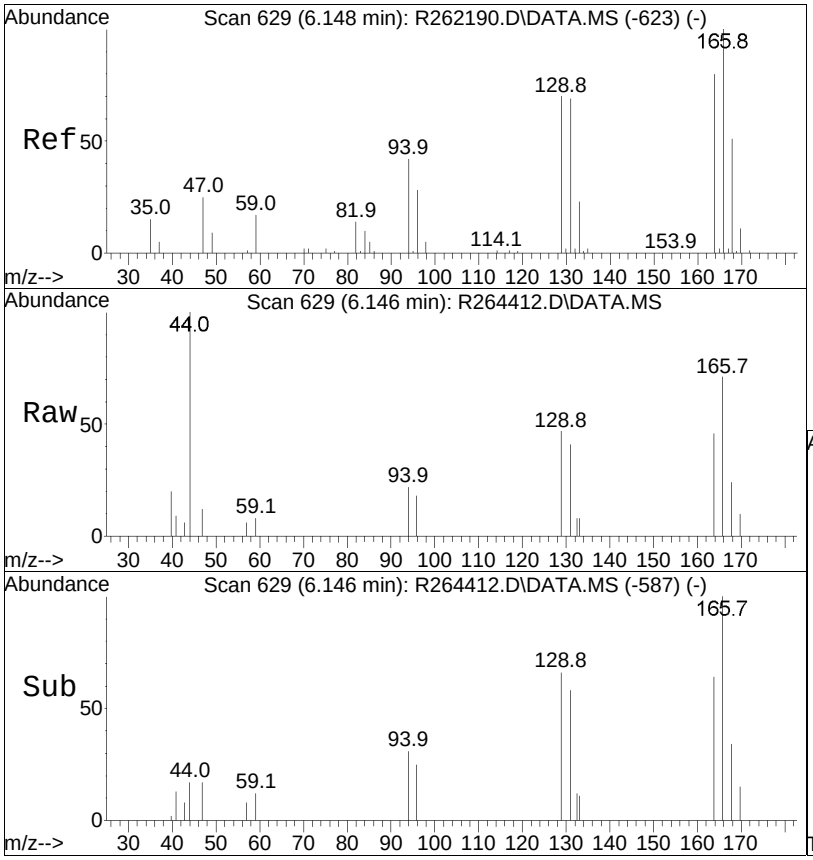


#68
toluene
Concen: 0.17 ppbV
RT: 5.595 min Scan# 560
Delta R.T. 0.006 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 91 Resp: 12444

Ion	Ratio	Lower	Upper
91	100		
92	69.2	47.9	71.9

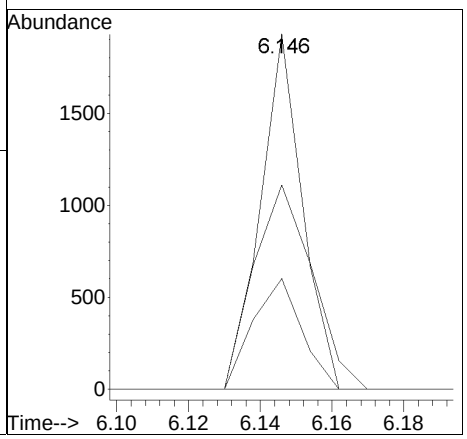


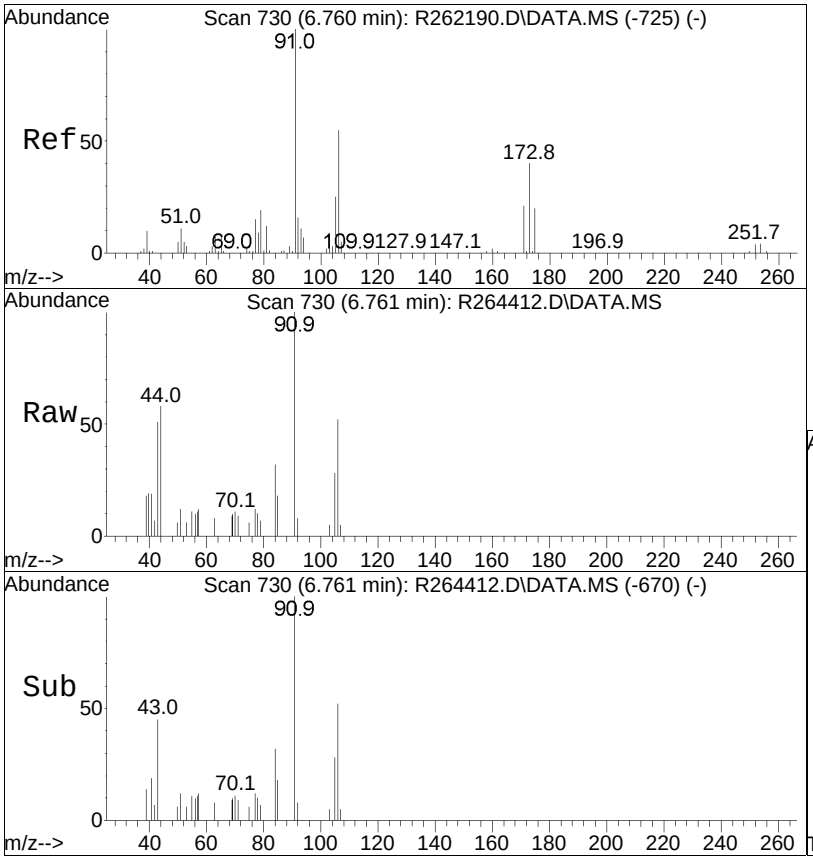


#78
tetrachloroethene
Concen: 0.04 ppbV
RT: 6.146 min Scan# 629
Delta R.T. 0.006 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion:166 Resp: 1573

Ion	Ratio	Lower	Upper
166	100		
131	57.5	57.0	85.4
94	31.2	29.0	43.4

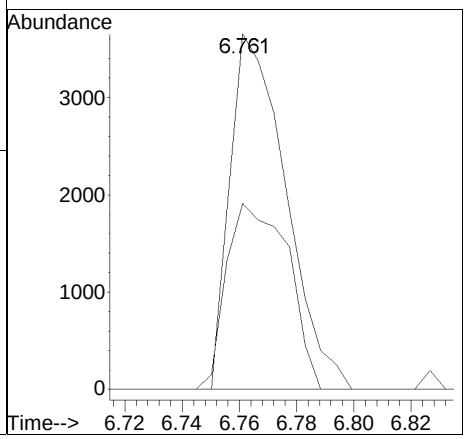


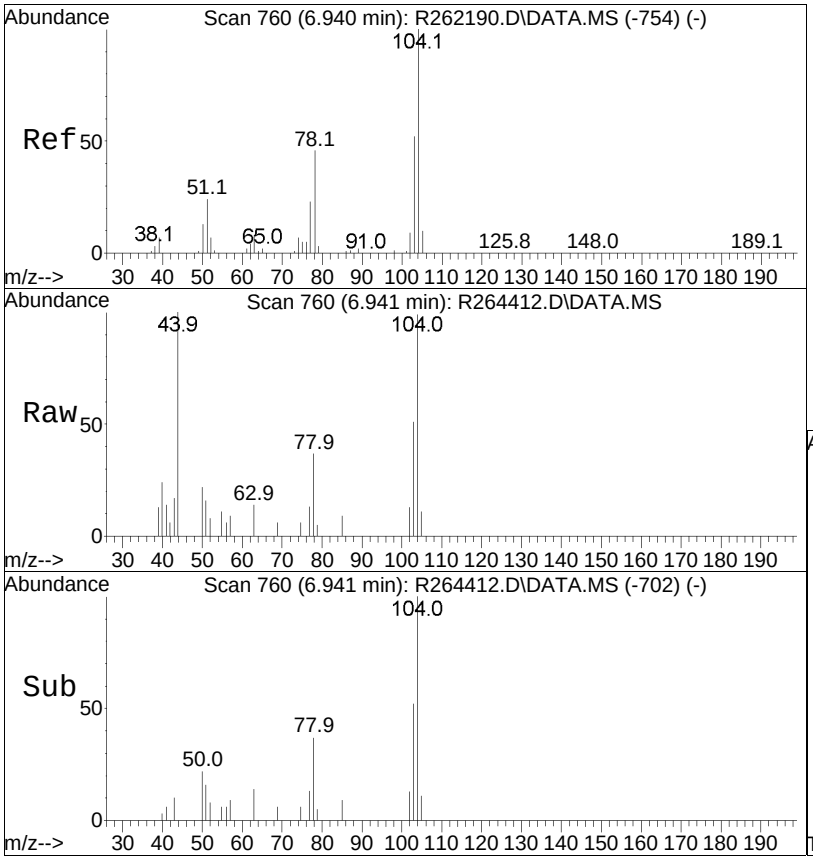


#83
m+p-xylene
Concen: 0.07 ppbV
RT: 6.761 min Scan# 730
Delta R.T. -0.005 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 91 Resp: 4964

Ion	Ratio	Lower	Upper
91	100		
106	52.3	40.6	60.8

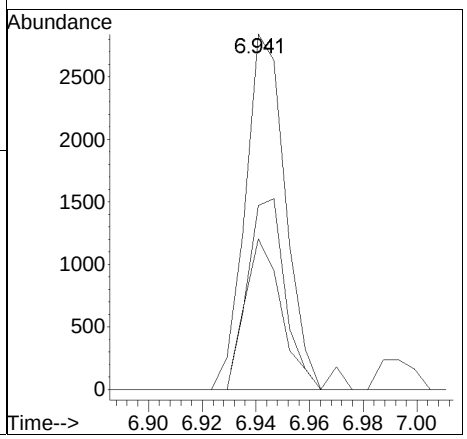


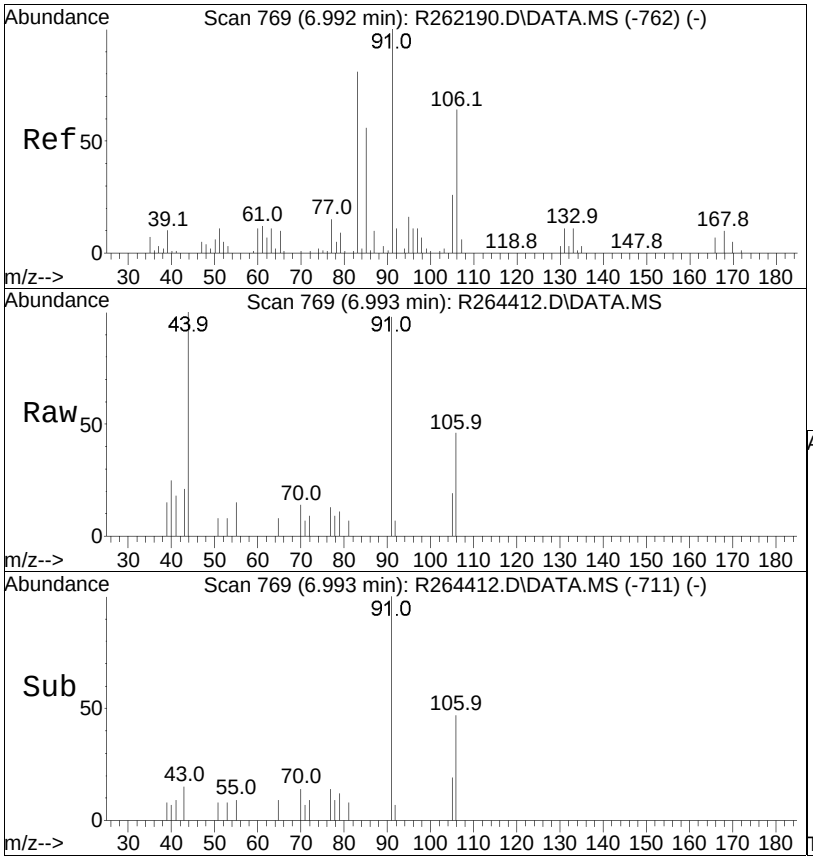


#85
styrene
Concen: 0.05 ppbV
RT: 6.941 min Scan# 760
Delta R.T. 0.001 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion:104 Resp: 3015

Ion	Ratio	Lower	Upper
104	100		
103	51.8	37.4	56.0
78	42.3	29.0	43.6

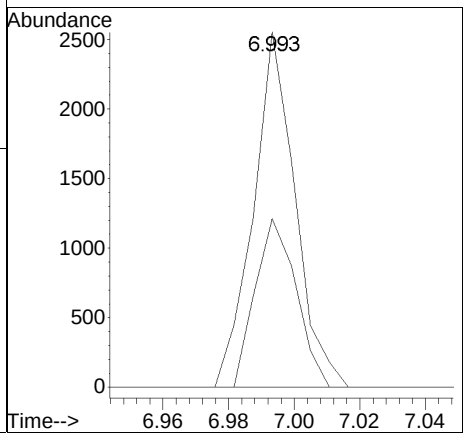


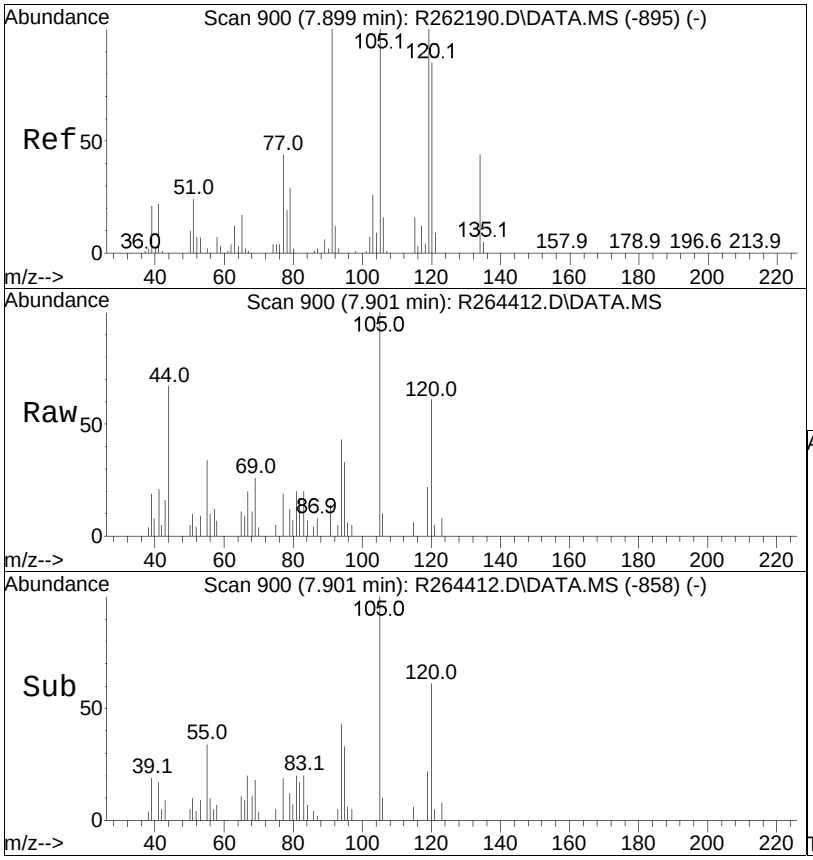


#87
o-xylene
Concen: 0.03 ppbV
RT: 6.993 min Scan# 769
Delta R.T. 0.007 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion: 91 Resp: 2262

Ion	Ratio	Lower	Upper
91	100		
106	47.5	40.8	61.2

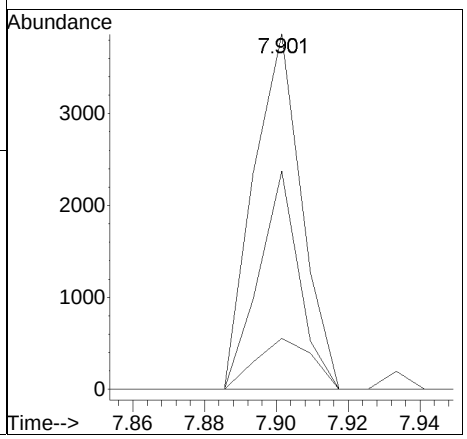




#99
1,2,4-trimethylbenzene
Concen: 0.04 ppbV
RT: 7.901 min Scan# 900
Delta R.T. 0.003 min
Lab File: R264412.D
Acq: 18 Jun 2025 03:19 am

Tgt Ion:105 Resp: 3588

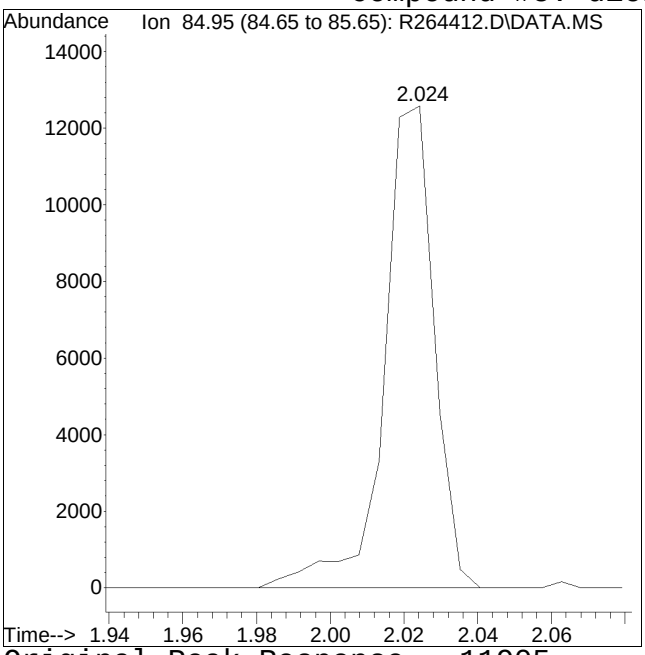
Ion	Ratio	Lower	Upper
105	100		
120	56.0	44.5	66.7
91	13.1	35.1	52.7#



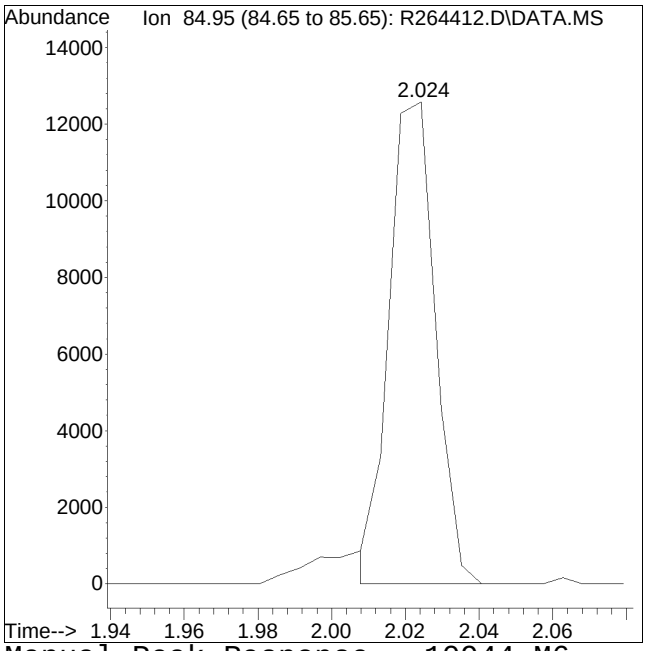
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R264412.D Operator : AIRLAB26:RAY
Date Inj'd : 6/18/2025 3:19 am Instrument : Airlab26
Sample : L2536987-02D,3,117.8,250 Quant Date : 6/18/2025 7:08 am

Compound #5: dichlorodifluoromethane



Original Peak Response = 11905



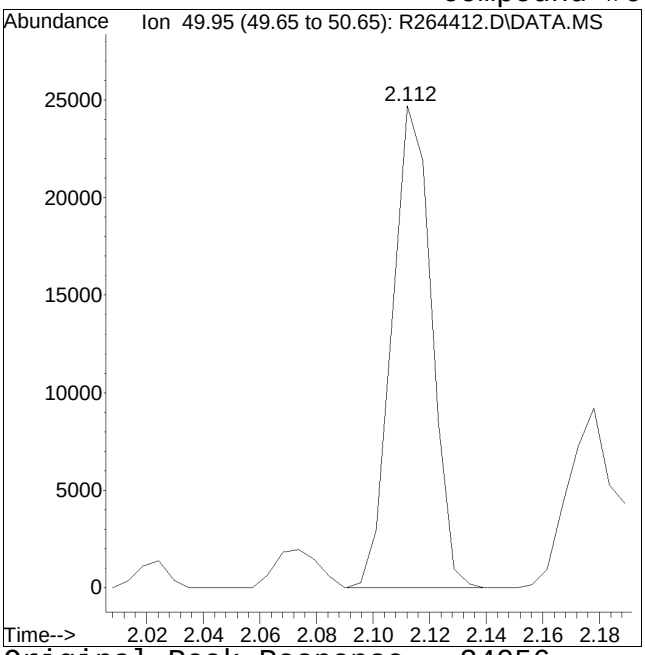
Manual Peak Response = 10944 M6

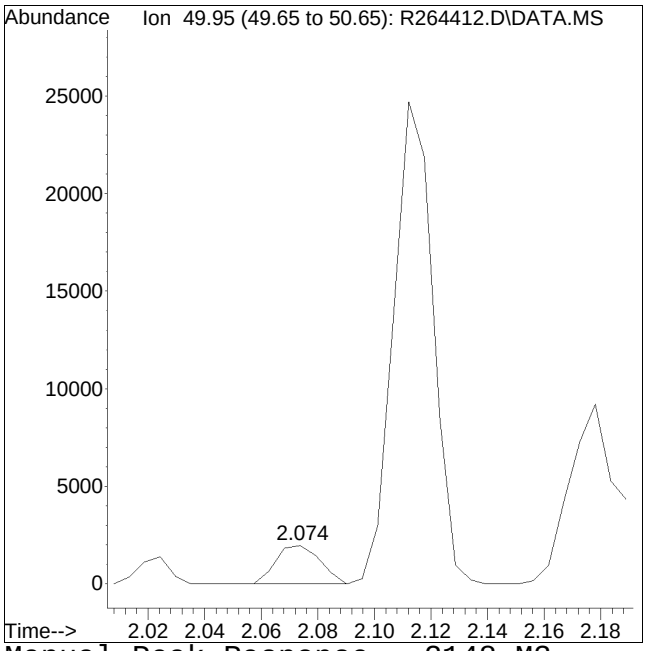
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R264412.D Operator : AIRLAB26:RAY
Date Inj'd : 6/18/2025 3:19 am Instrument : Airlab26
Sample : L2536987-02D,3,117.8,250 Quant Date : 6/18/2025 7:08 am

Compound #6: chloromethane



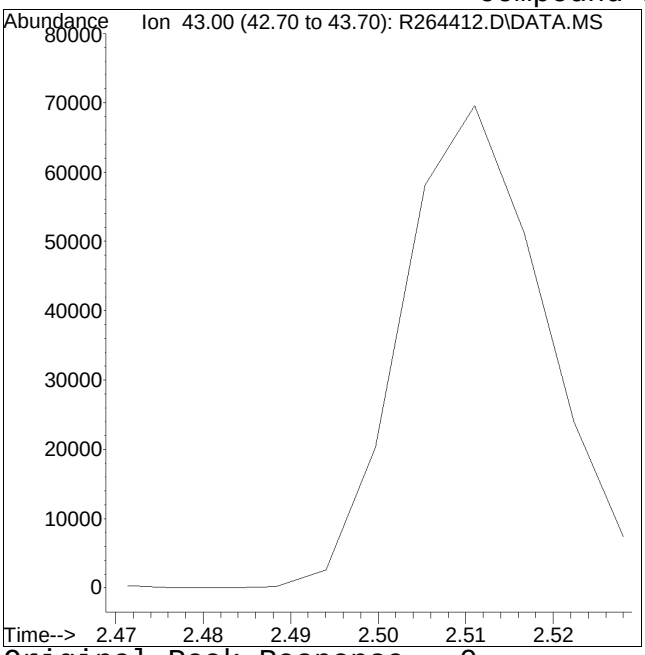


Original Peak Response = 24056 Manual Peak Response = 2148 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

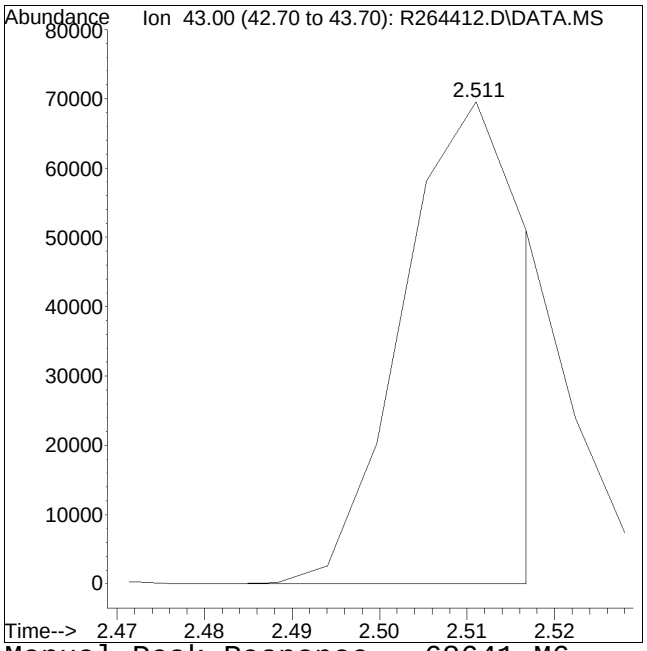
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R264412.D Operator : AIRLAB26:RAY
Date Inj'd : 6/18/2025 3:19 am Instrument : Airlab26
Sample : L2536987-02D,3,117.8,250 Quant Date : 6/18/2025 7:08 am

Compound #19: acetone



Original Peak Response = 0



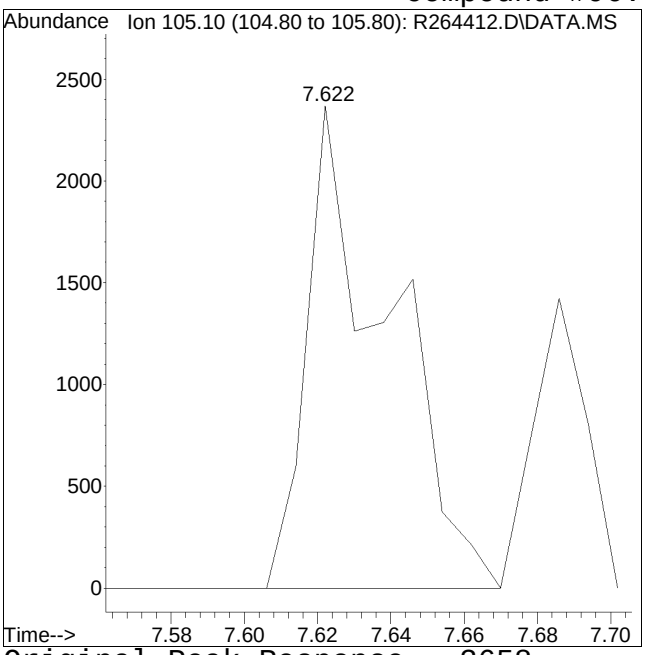
Manual Peak Response = 68641 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

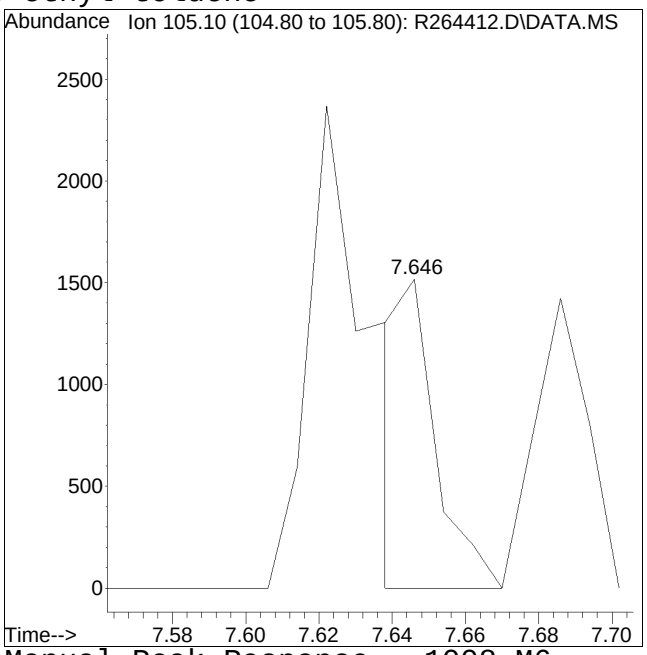
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R264412.D Operator : AIRLAB26:RAY
Date Inj'd : 6/18/2025 3:19 am Instrument : Airlab26
Sample : L2536987-02D,3,117.8,250 Quant Date : 6/18/2025 7:08 am

Compound #96: 4-ethyl toluene



Original Peak Response = 3658



Manual Peak Response = 1008 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2536987
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB26	**Ical Ref**	: ICAL22173
Calibration dates	: 04/03/25 02:36 04/03/25 06:40		

Calibration Files

0.2 =R262657.D 0.5 =R262658.D 1.0 =R262659.D 5.0 =R262660.D 10 =R262661.D 20 =R262662.D

50 =R262663.D 100 =R262664.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoromethane	0.325	0.408	0.460	0.404	0.452	0.493	0.333	0.223	0.387	22.99
3)		propylene		0.704	0.675	0.558	0.552	0.524	0.522	0.494	0.576	14.08
4)		propane		0.544	0.393	0.331	0.313	0.303	0.299	0.281	0.352	26.10
5)		dichlorodifluoromethane	2.497	2.484	2.416	2.063	2.076	1.947	1.962	1.857	2.163	12.07
6)	C	chloromethane	0.733	0.780	0.729	0.596	0.601	0.563	0.578	0.545	0.641	14.25
7)		Freon-114	2.554	2.611	2.532	2.170	2.163	2.063	2.044	1.867	2.250	12.35
8)	C	methanol			0.178	0.131	0.134	0.132	0.121	0.112	0.135	16.81
9)	C	vinyl chloride	0.905	0.904	0.921	0.763	0.758	0.733	0.736	0.707	0.803	11.21
10)	C	1,3-butadiene	0.763	0.716	0.646	0.524	0.518	0.495	0.502	0.479	0.580	19.21
11)		butane	1.150	1.068	1.076	0.877	0.868	0.843	0.829	0.787	0.937	14.74
12)	C	acetaldehyde		0.367	0.330	0.258	0.256	0.245	0.236	0.215	0.272	20.22
13)	C	bromomethane	0.938	0.915	0.923	0.803	0.800	0.771	0.778	0.734	0.833	9.57
14)	C	chloroethane	0.625	0.511	0.538	0.418	0.424	0.410	0.414	0.395	0.467	17.61
15)		ethanol			0.443	0.334	0.319	0.324	0.311	0.283	0.336	16.43
16)		dichlorofluoromethane	2.335	2.325	2.224	1.793	1.776	1.713	1.716	1.572	1.932	16.01
17)	C	vinyl bromide	0.937	1.127	0.956	0.817	0.812	0.793	0.888	0.840	0.896	12.37
18)	C	acrolein		0.404	0.372	0.317	0.331	0.311	0.323	0.304	0.338	10.86
19)		acetone	1.009	0.993	0.938	0.781	0.778	0.743	0.718	0.632	0.824	16.82
20)	C	acetonitrile	0.665	0.656	0.700	0.571	0.510	0.480	0.549	0.516	0.581	14.19
21)		trichlorofluoromethane	2.144	2.329	2.270	1.874	1.905	1.822	1.807	1.670	1.978	12.10
22)		isopropyl alcohol	1.256	1.216	1.068	0.901	0.843	0.902	0.884	0.796	0.983	17.79
23)	C	acrylonitrile	0.719	0.713	0.638	0.534	0.592	0.574	0.564	0.539	0.609	12.05
24)		pentane	1.211	1.274	1.190	0.980	1.122	1.077	0.928	0.844	1.078	13.90
25)		ethyl ether	0.540	0.667	0.611	0.516	0.490	0.465	0.463	0.410	0.520	16.22
26)	C	1,1-dichloroethene	1.182	1.203	1.218	1.236	1.209	1.165	1.159	1.097	1.183	3.70
27)		tertiary butyl alcohol		1.743	1.553	1.443	1.298	1.463	1.462	1.331	1.471	10.05
28)	C	methylene chloride		0.827	0.802	0.656	0.646	0.625	0.626	0.583	0.681	13.88
29)	C	3-chloropropene	0.909	0.814	0.790	0.661	0.667	0.630	0.629	0.592	0.711	15.77
30)	C	carbon disulfide	2.331	2.413	2.382	2.039	2.041	1.945	1.919	1.730	2.100	11.82
31)		Freon 113	1.902	1.930	1.945	1.636	1.662	1.582	1.561	1.412	1.704	11.64
32)		trans-1,2-dichloroethene	1.029	1.127	1.101	0.947	0.958	0.922	0.931	0.864	0.985	9.35
33)	C	1,1-dichloroethane	1.510	1.571	1.496	1.275	1.285	1.236	1.232	1.137	1.343	11.87
34)	C	MTBE	2.356	2.311	2.356	2.027	2.015	1.959	1.947	1.794	2.095	10.29
35)	C	vinyl acetate			1.615	1.285	1.320	1.330	1.376	1.285	1.369	9.16
36)	C	2-butanone		1.400	1.446	1.399	1.251	1.203	1.447	1.348	1.357	7.03

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2536987**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB26**	**Ical Ref**	**: ICAL22173**
Calibration dates	**: 04/03/25 02:36 04/03/25 06:40**		

Calibration Files

0.2 =R262657.D 0.5 =R262658.D 1.0 =R262659.D 5.0 =R262660.D 10 =R262661.D 20 =R262662.D

50 =R262663.D 100 =R262664.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
37)		cis-1,2-dichloroethene	1.189	1.324	1.249	1.075	1.092	1.051	1.066	0.993	1.130	9.95
38)		Ethyl Acetate		0.299	0.344	0.306	0.319	0.278	0.305	0.259	0.301	9.11
39)	C	chloroform	1.984	2.074	2.099	1.747	1.772	1.691	1.683	1.556	1.826	10.99
40)		Tetrahydrofuran		0.710	0.850	0.599	0.616	0.601	0.636	0.600	0.659	14.08
41)		2,2-dichloropropane	1.769	1.749	1.699	1.435	1.475	1.422	1.420	1.329	1.537	11.25
42)	C	1,2-dichloroethane	1.198	1.239	1.195	1.018	1.026	0.993	1.001	0.938	1.076	10.70
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.355	0.348	0.345	0.267	0.274	0.264	0.257	0.247	0.295	15.68
45)		diisopropyl ether	0.235	0.255	0.259	0.225	0.230	0.228	0.221	0.214	0.233	6.79
46)		tert-butyl ethyl ether	0.730	0.810	0.744	0.565	0.566	0.579	0.521	0.532	0.631	17.78
47)	s	1,2-dichloroethane-D4	0.229	0.232	0.229	0.227	0.234	0.228	0.228	0.261	0.234	4.85
48)	C	1,1,1-trichloroethane	0.444	0.495	0.481	0.407	0.427	0.421	0.414	0.456	0.443	7.20
49)		1,1-dichloropropene	0.365	0.373	0.362	0.310	0.369	0.365	0.351	0.347	0.355	5.68
50)	C	benzene	0.747	0.757	0.778	0.645	0.663	0.645	0.639	0.604	0.685	9.56
51)		thiophene	0.550	0.579	0.590	0.636	0.657	0.497	0.487	0.473	0.559	12.37
52)	C	carbon tetrachloride	0.501	0.490	0.512	0.417	0.443	0.441	0.429	0.412	0.456	8.67
53)		cyclohexane	0.336	0.327	0.324	0.275	0.280	0.271	0.270	0.262	0.293	10.33
54)		tert-amyl methyl ether	0.655	0.675	0.673	0.599	0.606	0.602	0.595	0.568	0.622	6.43
55)		dibromomethane	0.267	0.287	0.296	0.251	0.255	0.250	0.248	0.243	0.262	7.46
56)	C	1,2-dichloropropane	0.231	0.256	0.262	0.219	0.219	0.217	0.216	0.208	0.229	8.68
57)		bromodichloromethane	0.497	0.478	0.478	0.411	0.440	0.430	0.422	0.407	0.445	7.68
58)	C	1,4-dioxane	0.148	0.163	0.162	0.144	0.143	0.148	0.149	0.147	0.150	5.19
59)	C	trichloroethene	0.359	0.399	0.405	0.336	0.344	0.341	0.330	0.324	0.355	8.73
60)	C	2,2,4-trimethylpentane	1.007	1.036	1.017	0.865	0.857	0.836	0.803	0.754	0.897	12.04
61)		methyl methacrylate		0.254	0.247	0.198	0.212	0.205	0.205	0.201	0.217	10.73
62)		heptane	0.365	0.321	0.303	0.262	0.270	0.263	0.257	0.249	0.286	14.02
63)	C	cis-1,3-dichloropropene	0.352	0.384	0.391	0.354	0.362	0.359	0.353	0.349	0.363	4.39
64)	C	4-methyl-2-pentanone		0.390	0.404	0.347	0.359	0.340	0.336	0.327	0.357	8.07
65)		trans-1,3-dichloropropene	0.273	0.308	0.314	0.272	0.289	0.286	0.291	0.282	0.289	5.20
66)	C	1,1,2-trichloroethane	0.293	0.321	0.323	0.285	0.299	0.289	0.285	0.274	0.296	5.86
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	8.299	8.084	8.038	6.778	7.072	6.833	6.656	6.218	7.247	10.77
69)	s	toluene-D8	6.942	6.960	6.925	6.741	6.972	6.868	6.934	6.706	6.881	1.49
70)		2-methylthiophene	7.067	7.322	7.455	8.225	8.520	6.175	6.013	5.583	7.045	14.96
71)		1,3-dichloropropane	3.429	3.785	3.550	3.047	3.120	3.072	3.009	2.848	3.233	9.89
72)		2-hexanone	3.002	3.100	3.075	2.661	2.861	2.753	2.729	2.623	2.851	6.60

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2536987**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB26**	**Ical Ref**	**: ICAL22173**
Calibration dates	**: 04/03/25 02:36 04/03/25 06:40**		

Calibration Files
0.2 =R262657.D 0.5 =R262658.D 1.0 =R262659.D 5.0 =R262660.D 10 =R262661.D 20 =R262662.D
50 =R262663.D 100 =R262664.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
73)		3-methylthiophene	6.914	7.772	7.877	8.774	9.046	6.643	6.425	5.990	7.430	15.01
74)		dibromochloromethane	3.904	4.434	4.420	3.888	4.161	4.111	4.103	3.890	4.114	5.38
75)	C	1,2-dibromoethane	3.698	4.244	4.353	3.617	3.808	3.739	3.690	3.530	3.835	7.80
76)		butyl acetate		0.930	0.926	0.807	0.870	0.828	0.849	0.827	0.862	5.66
77)		octane	2.650	2.744	2.738	2.164	2.304	2.164	2.155	2.041	2.370	12.33
78)	C	tetrachloroethene	4.213	4.319	4.218	3.663	3.626	3.620	3.540	3.331	3.816	9.81
79)		1,1,1,2-tetrachloroethane	3.264	3.293	3.317	2.861	3.040	2.988	2.950	2.784	3.062	6.71
80)	C	chlorobenzene	6.519	6.738	6.673	5.668	5.896	5.676	5.580	5.187	5.992	9.63
81)	C	ethylbenzene	1.053	1.040	1.031	0.885	0.914	0.880	0.855	0.770	0.928	11.03
82)		2-ethylthiophene	0.824	0.863	0.860	0.997	1.024	0.744	0.720	0.647	0.835	15.69
83)	C	m+p-xylene	8.153	8.461	8.353	6.907	7.170	6.838	6.498	5.664	7.256	13.66
84)	C	bromoform	3.846	4.209	4.276	3.869	4.173	4.095	4.080	3.800	4.043	4.49
85)	C	styrene	5.664	6.540	6.345	5.503	5.838	5.671	5.561	5.261	5.798	7.48
86)	C	1,1,2,2-tetrachloroethane	5.735	5.710	5.826	4.997	5.121	4.956	4.878	4.500	5.215	9.28
87)	C	o-xylene	7.973	8.000	8.075	6.819	6.922	6.728	6.613	6.019	7.144	10.79
88)		1,2,3-trichloropropane	4.008	4.218	4.057	3.481	3.656	3.538	3.545	3.430	3.742	8.14
89)		nonane	3.769	3.918	3.835	3.202	3.436	3.273	3.237	3.014	3.460	9.75
90)	s	bromofluorobenzene	4.016	4.092	4.144	4.070	4.179	4.110	4.188	4.107	4.113	1.38
91)	C	isopropylbenzene	1.141	1.163	1.157	0.963	1.016	0.988	0.937	0.818	1.023	12.00
92)		bromobenzene	4.368	4.406	5.257	4.524	5.977	4.515	4.652	3.955	4.707	13.34
93)		2-chlorotoluene	3.010	3.080	3.164	2.668	2.801	2.718	2.719	2.571	2.841	7.57
94)		n-propylbenzene	3.297	3.376	3.517	2.898	3.027	2.933	2.865	2.671	3.073	9.50
95)		4-chlorotoluene	2.872	3.188	3.135	2.757	2.822	2.732	2.707	2.521	2.842	7.85
96)		4-ethyl toluene	1.051	1.095	1.125	0.976	1.012	0.977	0.937	0.838	1.001	9.13
97)		1,3,5-trimethylbenzene	9.258	9.728	9.554	8.210	8.553	8.195	7.967	7.159	8.578	10.25
98)		tert-butylbenzene	1.061	1.118	1.105	0.931	0.957	0.915	0.885	0.786	0.970	11.98
99)		1,2,4-trimethylbenzene	9.465	9.775	9.979	8.399	8.695	8.344	8.035	7.245	8.742	10.71
100)		decane	5.360	5.466	5.328	4.464	4.604	4.480	4.308	3.879	4.736	12.23
101)	C	Benzyl Chloride	6.455	6.920	7.034	6.516	7.192	7.230	7.527	6.824	6.962	5.22
102)		1,3-dichlorobenzene	6.483	7.054	7.245	6.134	6.403	6.274	6.070	5.638	6.413	8.17
103)	C	1,4-dichlorobenzene	6.578	7.283	7.323	6.230	6.394	6.077	6.205	5.713	6.475	8.78
104)		sec-butylbenzene	1.344	1.486	1.488	1.249	1.274	1.227	1.159	0.920	1.269	14.49
105)		1,2,3-trimethylbenzene	1.039	1.066	1.060	0.900	0.929	0.901	0.885	0.817	0.950	9.80
106)		p-isopropyltoluene	1.173	1.312	1.258	1.034	1.065	1.021	1.014	0.911	1.099	12.41
107)		1,2-dichlorobenzene	6.241	7.128	6.932	5.939	6.289	5.992	6.095	5.727	6.293	7.79
108)		n-butylbenzene	1.104	1.135	1.122	0.967	1.010	0.968	0.934	0.801	1.005	11.27

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2536987**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB26**	**Ical Ref**	**: ICAL22173**
Calibration dates	**: 04/03/25 02:36 04/03/25 06:40**		

Calibration Files
0.2 =R262657.D 0.5 =R262658.D 1.0 =R262659.D 5.0 =R262660.D 10 =R262661.D 20 =R262662.D
50 =R262663.D 100 =R262664.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
109)		indan	8.774	9.349	9.281	7.209	7.551	7.943	7.835	7.151	8.137	10.88
110)		indene	6.606	7.119	7.257	5.935	6.143	6.472	6.520	6.167	6.527	7.14
111)	C	1,2-dibromo-3-chloropr...	2.293	2.590	2.549	2.343	2.557	2.535	2.552	2.546	2.495	4.48
112)		undecane	6.826	6.613	6.366	5.546	5.857	5.604	5.523	5.179	5.939	9.96
113)		1,2,4,5-tetramethylben...	5.482	5.372	4.995	5.623	6.125	4.658	4.784	4.777	5.227	9.77
114)		dodecane	5.870	5.871	6.400	6.802	7.299	6.871	6.572	5.675	6.420	8.94
115)	C	1,2,4-trichlorobenzene	5.321	6.038	6.645	5.881	6.268	6.134	6.351	6.134	6.097	6.35
116)		naphthalene	1.232	1.406	1.713	1.341	1.464	1.399	1.375	0.977	1.363	15.25
117)		1,2,3-trichlorobenzene	4.366	5.479	6.015	6.669	6.694	6.347	6.312	6.082	5.995	12.76
118)		benzothiophene	4.826	6.112	7.261	7.263	8.199	6.270	6.625	6.408	6.620	15.06
119)	C	hexachlorobutadiene	4.405	5.731	5.914	4.942	5.022	4.855	4.903	4.678	5.056	10.13
120)		2-methylnaphthalene			1.416	1.332	1.583	1.174	1.438	1.519	1.411	10.24
121)		1-methylnaphthalene			1.850	1.758	1.975	1.416	1.547	1.382	1.655	14.67

Response Factor Report Airlab26

Method Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Method File : TFS26_250402.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Apr 03 13:02:01 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R262657.D 0.5 =R262658.D 1.0 =R262659.D 5.0 =R262660.D 10 =R262661.D 20 =R262662.D
50 =R262663.D 100 =R262664.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoro...	0.325	0.408	0.460	0.404	0.452	0.493	0.333	0.223	0.387	22.99
3)		propylene		0.704	0.675	0.558	0.552	0.524	0.522	0.494	0.576	14.08
4)		propane		0.544	0.393	0.331	0.313	0.303	0.299	0.281	0.352	26.10
5)		dichlorodifluo...	2.497	2.484	2.416	2.063	2.076	1.947	1.962	1.857	2.163	12.07
6)	C	chloromethane	0.733	0.780	0.729	0.596	0.601	0.563	0.578	0.545	0.641	14.25
7)		Freon-114	2.554	2.611	2.532	2.170	2.163	2.063	2.044	1.867	2.250	12.35
8)	C	methanol			0.178	0.131	0.134	0.132	0.121	0.112	0.135	16.81
9)	C	vinyl chloride	0.905	0.904	0.921	0.763	0.758	0.733	0.736	0.707	0.803	11.21
10)	C	1,3-butadiene	0.763	0.716	0.646	0.524	0.518	0.495	0.502	0.479	0.580	19.21
11)		butane	1.150	1.068	1.076	0.877	0.868	0.843	0.829	0.787	0.937	14.74
12)	C	acetaldehyde		0.367	0.330	0.258	0.256	0.245	0.236	0.215	0.272	20.22
13)	C	bromomethane	0.938	0.915	0.923	0.803	0.800	0.771	0.778	0.734	0.833	9.57
14)	C	chloroethane	0.625	0.511	0.538	0.418	0.424	0.410	0.414	0.395	0.467	17.61
15)		ethanol			0.443	0.334	0.319	0.324	0.311	0.283	0.336	16.43
16)		dichlorofluoro...	2.335	2.325	2.224	1.793	1.776	1.713	1.716	1.572	1.932	16.01
17)	C	vinyl bromide	0.937	1.127	0.956	0.817	0.812	0.793	0.888	0.840	0.896	12.37
18)	C	acrolein		0.404	0.372	0.317	0.331	0.311	0.323	0.304	0.338	10.86
19)		acetone	1.009	0.993	0.938	0.781	0.778	0.743	0.718	0.632	0.824	16.82
20)	C	acetonitrile	0.665	0.656	0.700	0.571	0.510	0.480	0.549	0.516	0.581	14.19
21)		trichlorofluor...	2.144	2.329	2.270	1.874	1.905	1.822	1.807	1.670	1.978	12.10
22)		isopropyl alcohol	1.256	1.216	1.068	0.901	0.843	0.902	0.884	0.796	0.983	17.79
23)	C	acrylonitrile	0.719	0.713	0.638	0.534	0.592	0.574	0.564	0.539	0.609	12.05
24)		pentane	1.211	1.274	1.190	0.980	1.122	1.077	0.928	0.844	1.078	13.90
25)		ethyl ether	0.540	0.667	0.611	0.516	0.490	0.465	0.463	0.410	0.520	16.22
26)	C	1,1-dichloroet...	1.182	1.203	1.218	1.236	1.209	1.165	1.159	1.097	1.183	3.70
27)		tertiary butyl...		1.743	1.553	1.443	1.298	1.463	1.462	1.331	1.471	10.05
28)	C	methylene chlo...		0.827	0.802	0.656	0.646	0.625	0.626	0.583	0.681	13.88
29)	C	3-chloropropene	0.909	0.814	0.790	0.661	0.667	0.630	0.629	0.592	0.711	15.77
30)	C	carbon disulfide	2.331	2.413	2.382	2.039	2.041	1.945	1.919	1.730	2.100	11.82
31)		Freon 113	1.902	1.930	1.945	1.636	1.662	1.582	1.561	1.412	1.704	11.64

Method Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Method File : TFS26_250402.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Apr 03 13:02:01 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R262657.D 0.5 =R262658.D 1.0 =R262659.D 5.0 =R262660.D 10 =R262661.D 20 =R262662.D
50 =R262663.D 100 =R262664.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
32)		trans-1,2-dich...	1.029	1.127	1.101	0.947	0.958	0.922	0.931	0.864	0.985	9.35
33)	C	1,1-dichloroet...	1.510	1.571	1.496	1.275	1.285	1.236	1.232	1.137	1.343	11.87
34)	C	MTBE	2.356	2.311	2.356	2.027	2.015	1.959	1.947	1.794	2.095	10.29
35)	C	vinyl acetate			1.615	1.285	1.320	1.330	1.376	1.285	1.369	9.16
36)	C	2-butanone			1.400	1.446	1.399	1.251	1.203	1.447	1.348	1.357	7.03
37)		cis-1,2-dichlo...	1.189	1.324	1.249	1.075	1.092	1.051	1.066	0.993	1.130	9.95
38)		Ethyl Acetate			0.299	0.344	0.306	0.319	0.278	0.305	0.259	0.301	9.11
39)	C	chloroform	1.984	2.074	2.099	1.747	1.772	1.691	1.683	1.556	1.826	10.99
40)		Tetrahydrofuran			0.710	0.850	0.599	0.616	0.601	0.636	0.600	0.659	14.08
41)		2,2-dichloropr...	1.769	1.749	1.699	1.435	1.475	1.422	1.420	1.329	1.537	11.25
42)	C	1,2-dichloroet...	1.198	1.239	1.195	1.018	1.026	0.993	1.001	0.938	1.076	10.70
43)	I	1,4-difluorobenzene	ISTD									
44)	C	hexane	0.355	0.348	0.345	0.267	0.274	0.264	0.257	0.247	0.295	15.68
45)		diisopropyl ether	0.235	0.255	0.259	0.225	0.230	0.228	0.221	0.214	0.233	6.79
46)		tert-butyl eth...	0.730	0.810	0.744	0.565	0.566	0.579	0.521	0.532	0.631	17.78
47)	s	1,2-dichloroet...	0.229	0.232	0.229	0.227	0.234	0.228	0.228	0.261	0.234	4.85
48)	C	1,1,1-trichlor...	0.444	0.495	0.481	0.407	0.427	0.421	0.414	0.456	0.443	7.20
49)		1,1-dichloropr...	0.365	0.373	0.362	0.310	0.369	0.365	0.351	0.347	0.355	5.68
50)	C	benzene	0.747	0.757	0.778	0.645	0.663	0.645	0.639	0.604	0.685	9.56
51)		thiophene	0.550	0.579	0.590	0.636	0.657	0.497	0.487	0.473	0.559	12.37
52)	C	carbon tetrach...	0.501	0.490	0.512	0.417	0.443	0.441	0.429	0.412	0.456	8.67
53)		cyclohexane	0.336	0.327	0.324	0.275	0.280	0.271	0.270	0.262	0.293	10.33
54)		tert-amyl meth...	0.655	0.675	0.673	0.599	0.606	0.602	0.595	0.568	0.622	6.43
55)		dibromomethane	0.267	0.287	0.296	0.251	0.255	0.250	0.248	0.243	0.262	7.46
56)	C	1,2-dichloropr...	0.231	0.256	0.262	0.219	0.219	0.217	0.216	0.208	0.229	8.68
57)		bromodichlorom...	0.497	0.478	0.478	0.411	0.440	0.430	0.422	0.407	0.445	7.68
58)	C	1,4-dioxane	0.148	0.163	0.162	0.144	0.143	0.148	0.149	0.147	0.150	5.19
59)	C	trichloroethene	0.359	0.399	0.405	0.336	0.344	0.341	0.330	0.324	0.355	8.73
60)	C	2,2,4-trimethy...	1.007	1.036	1.017	0.865	0.857	0.836	0.803	0.754	0.897	12.04
61)		methyl methacr...			0.254	0.247	0.198	0.212	0.205	0.205	0.201	0.217	10.73
62)		heptane	0.365	0.321	0.303	0.262	0.270	0.263	0.257	0.249	0.286	14.02

Response Factor Report Airlab26

Method Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Method File : TFS26_250402.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Apr 03 13:02:01 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R262657.D 0.5 =R262658.D 1.0 =R262659.D 5.0 =R262660.D 10 =R262661.D 20 =R262662.D
50 =R262663.D 100 =R262664.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
63)	C	cis-1,3-dichlo...	0.352	0.384	0.391	0.354	0.362	0.359	0.353	0.349	0.363	4.39
64)	C	4-methyl-2-pen...		0.390	0.404	0.347	0.359	0.340	0.336	0.327	0.357	8.07
65)		trans-1,3-dich...	0.273	0.308	0.314	0.272	0.289	0.286	0.291	0.282	0.289	5.20
66)	C	1,1,2-trichlor...	0.293	0.321	0.323	0.285	0.299	0.289	0.285	0.274	0.296	5.86
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	8.299	8.084	8.038	6.778	7.072	6.833	6.656	6.218	7.247	10.77
69)	s	toluene-D8	6.942	6.960	6.925	6.741	6.972	6.868	6.934	6.706	6.881	1.49
70)		2-methylthiophene	7.067	7.322	7.455	8.225	8.520	6.175	6.013	5.583	7.045	14.96
71)		1,3-dichloropr...	3.429	3.785	3.550	3.047	3.120	3.072	3.009	2.848	3.233	9.89
72)		2-hexanone	3.002	3.100	3.075	2.661	2.861	2.753	2.729	2.623	2.851	6.60
73)		3-methylthiophene	6.914	7.772	7.877	8.774	9.046	6.643	6.425	5.990	7.430	15.01
74)		dibromochlorom...	3.904	4.434	4.420	3.888	4.161	4.111	4.103	3.890	4.114	5.38
75)	C	1,2-dibromoethane	3.698	4.244	4.353	3.617	3.808	3.739	3.690	3.530	3.835	7.80
76)		butyl acetate		0.930	0.926	0.807	0.870	0.828	0.849	0.827	0.862	5.66
77)		octane	2.650	2.744	2.738	2.164	2.304	2.164	2.155	2.041	2.370	12.33
78)	C	tetrachloroethene	4.213	4.319	4.218	3.663	3.626	3.620	3.540	3.331	3.816	9.81
79)		1,1,1,2-tetrac...	3.264	3.293	3.317	2.861	3.040	2.988	2.950	2.784	3.062	6.71
80)	C	chlorobenzene	6.519	6.738	6.673	5.668	5.896	5.676	5.580	5.187	5.992	9.63
81)	C	ethylbenzene	1.053	1.040	1.031	0.885	0.914	0.880	0.855	0.770	0.928	11.03
82)		2-ethylthiophene	0.824	0.863	0.860	0.997	1.024	0.744	0.720	0.647	0.835	15.69
83)	C	m+p-xylene	8.153	8.461	8.353	6.907	7.170	6.838	6.498	5.664	7.256	13.66
84)	C	bromoform	3.846	4.209	4.276	3.869	4.173	4.095	4.080	3.800	4.043	4.49
85)	C	styrene	5.664	6.540	6.345	5.503	5.838	5.671	5.561	5.261	5.798	7.48
86)	C	1,1,2,2-tetrac...	5.735	5.710	5.826	4.997	5.121	4.956	4.878	4.500	5.215	9.28
87)	C	o-xylene	7.973	8.000	8.075	6.819	6.922	6.728	6.613	6.019	7.144	10.79
88)		1,2,3-trichlor...	4.008	4.218	4.057	3.481	3.656	3.538	3.545	3.430	3.742	8.14
89)		nonane	3.769	3.918	3.835	3.202	3.436	3.273	3.237	3.014	3.460	9.75
90)	s	bromofluoroben...	4.016	4.092	4.144	4.070	4.179	4.110	4.188	4.107	4.113	1.38
91)	C	isopropylbenzene	1.141	1.163	1.157	0.963	1.016	0.988	0.937	0.818	1.023	12.00
92)		bromobenzene	4.368	4.406	5.257	4.524	5.977	4.515	4.652	3.955	4.707	13.34
93)		2-chlorotoluene	3.010	3.080	3.164	2.668	2.801	2.718	2.719	2.571	2.841	7.57

Method Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Method File : TFS26_250402.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Apr 03 13:02:01 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R262657.D 0.5 =R262658.D 1.0 =R262659.D 5.0 =R262660.D 10 =R262661.D 20 =R262662.D
50 =R262663.D 100 =R262664.D

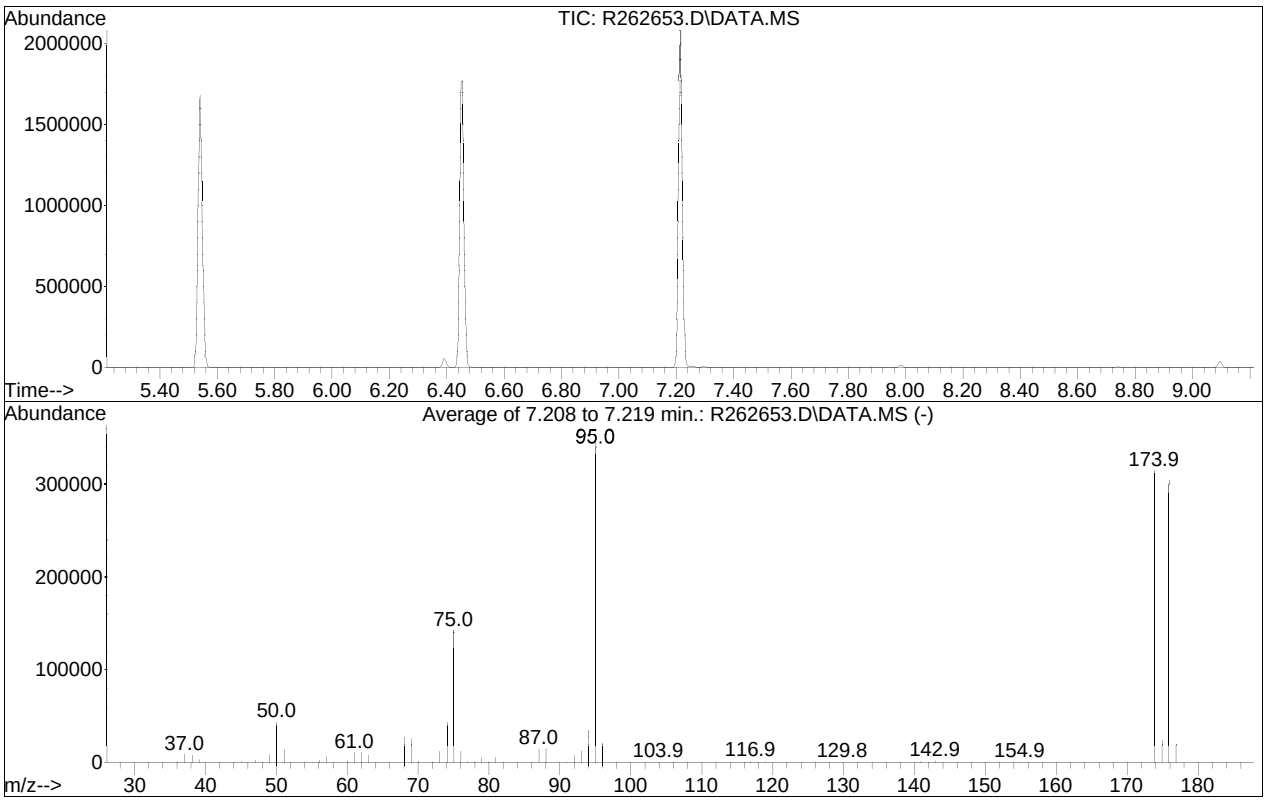
		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
94)		n-propylbenzene	3.297	3.376	3.517	2.898	3.027	2.933	2.865	2.671	3.073	9.50
95)		4-chlorotoluene	2.872	3.188	3.135	2.757	2.822	2.732	2.707	2.521	2.842	7.85
96)		4-ethyl toluene	1.051	1.095	1.125	0.976	1.012	0.977	0.937	0.838	1.001	9.13
97)		1,3,5-trimethy...	9.258	9.728	9.554	8.210	8.553	8.195	7.967	7.159	8.578	10.25
98)		tert-butylbenzene	1.061	1.118	1.105	0.931	0.957	0.915	0.885	0.786	0.970	11.98
99)		1,2,4-trimethy...	9.465	9.775	9.979	8.399	8.695	8.344	8.035	7.245	8.742	10.71
100)		decane	5.360	5.466	5.328	4.464	4.604	4.480	4.308	3.879	4.736	12.23
101)	C	Benzyl Chloride	6.455	6.920	7.034	6.516	7.192	7.230	7.527	6.824	6.962	5.22
102)		1,3-dichlorobe...	6.483	7.054	7.245	6.134	6.403	6.274	6.070	5.638	6.413	8.17
103)	C	1,4-dichlorobe...	6.578	7.283	7.323	6.230	6.394	6.077	6.205	5.713	6.475	8.78
104)		sec-butylbenzene	1.344	1.486	1.488	1.249	1.274	1.227	1.159	0.920	1.269	14.49
105)		1,2,3-trimethy...	1.039	1.066	1.060	0.900	0.929	0.901	0.885	0.817	0.950	9.80
106)		p-isopropyltol...	1.173	1.312	1.258	1.034	1.065	1.021	1.014	0.911	1.099	12.41
107)		1,2-dichlorobe...	6.241	7.128	6.932	5.939	6.289	5.992	6.095	5.727	6.293	7.79
108)		n-butylbenzene	1.104	1.135	1.122	0.967	1.010	0.968	0.934	0.801	1.005	11.27
109)		indan	8.774	9.349	9.281	7.209	7.551	7.943	7.835	7.151	8.137	10.88
110)		indene	6.606	7.119	7.257	5.935	6.143	6.472	6.520	6.167	6.527	7.14
111)	C	1,2-dibromo-3-...	2.293	2.590	2.549	2.343	2.557	2.535	2.552	2.546	2.495	4.48
112)		undecane	6.826	6.613	6.366	5.546	5.857	5.604	5.523	5.179	5.939	9.96
113)		1,2,4,5-tetram...	5.482	5.372	4.995	5.623	6.125	4.658	4.784	4.777	5.227	9.77
114)		dodecane	5.870	5.871	6.400	6.802	7.299	6.871	6.572	5.675	6.420	8.94
115)	C	1,2,4-trichlor...	5.321	6.038	6.645	5.881	6.268	6.134	6.351	6.134	6.097	6.35
116)		naphthalene	1.232	1.406	1.713	1.341	1.464	1.399	1.375	0.977	1.363	15.25
117)		1,2,3-trichlor...	4.366	5.479	6.015	6.669	6.694	6.347	6.312	6.082	5.995	12.76
118)		benzothiophene	4.826	6.112	7.261	7.263	8.199	6.270	6.625	6.408	6.620	15.06
119)	C	hexachlorobuta...	4.405	5.731	5.914	4.942	5.022	4.855	4.903	4.678	5.056	10.13
120)		2-methylnaphth...			1.416	1.332	1.583	1.174	1.438	1.519	1.411	10.24
121)		1-methylnaphth...			1.850	1.758	1.975	1.416	1.547	1.382	1.655	14.67

(#) = Out of Range

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262653.D
Acq On : 03 Apr 2025 12:31 am
Operator : AIRLAB26:JJT
Sample : WG2049329-1,3,250,250
Misc : WG2049329
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Apr 03 13:02:01 2025



Spectrum Information: Average of 7.208 to 7.219 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	12.6	43683	PASS
75	95	30	66	41.2	142696	PASS
95	95	100	100	100.0	345984	PASS
96	95	5	9	6.5	22371	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	91.0	314752	PASS
175	174	4	9	7.8	24675	PASS
176	174	93	101	96.4	303424	PASS
177	176	5	9	6.7	20341	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262657.D
Acq On : 03 Apr 2025 02:36 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD0.2
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 03 12:15:48 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	204715	10.000	ppbV	0.00
Standard Area = 193196			Recovery = 105.96%			
43) 1,4-difluorobenzene	4.365	114	885514	10.000	ppbV	0.00
Standard Area = 834490			Recovery = 106.11%			
67) chlorobenzene-D5	6.449	54	104832	10.000	ppbV	0.00
Standard Area = 100761			Recovery = 104.04%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.819	65	203085	9.794	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.94%			
69) toluene-D8	5.541	98	727714	9.956	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.56%			
90) bromofluorobenzene	7.214	95	421004	9.611	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.11%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.997	51	1329M6	0.144	ppbV	
3) propylene	2.008	41	3793	0.336	ppbV	88
4) propane	2.013	29	2317	0.361	ppbV #	89
5) dichlorodifluoromethane	2.030	85	10223	0.241	ppbV	90
6) chloromethane	2.079	50	3002	0.244	ppbV	95
7) Freon-114	2.112	85	10458	0.236	ppbV	98
8) methanol	2.129	31	4336M6	1.582	ppbV	
9) vinyl chloride	2.151	62	3704	0.239	ppbV #	88
10) 1,3-butadiene	2.189	54	3123	0.295	ppbV	95
11) butane	2.211	43	4710	0.265	ppbV #	81
12) acetaldehyde	2.118	29	8264M4	1.578	ppbV	
13) bromomethane	2.277	94	3840	0.234	ppbV #	75
14) chloroethane	2.332	64	2558	0.294	ppbV #	85
15) ethanol	2.365	31	12944	1.982	ppbV	100
16) dichlorofluoromethane	2.359	67	9561	0.263	ppbV	96
17) vinyl bromide	2.437	106	3838	0.231	ppbV	100
18) acrolein	2.471	56	1539M4	0.227	ppbV	
19) acetone	2.511	43	20656	1.297	ppbV #	96
20) acetonitrile	2.437	41	2721	0.261	ppbV	99
21) trichlorofluoromethane	2.556	101	8780	0.225	ppbV	99
22) isopropyl alcohol	2.573	45	12861	0.745	ppbV	99
23) acrylonitrile	2.630	53	2944	0.243	ppbV	91
24) pentane	2.653	43	4960	0.216	ppbV #	91

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262657.D
Acq On : 03 Apr 2025 02:36 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD0.2
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 03 12:15:48 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	2.658	31	2212	0.220	ppbV	#	88
26) 1,1-dichloroethene	2.727	61	4838	0.196	ppbV		91
27) tertiary butyl alcohol	2.746	59	7587	0.286	ppbV	#	74
28) methylene chloride	2.760	49	3628	0.274	ppbV		92
29) 3-chloropropene	2.798	41	3722	0.272	ppbV		95
30) carbon disulfide	2.846	76	9542	0.228	ppbV	#	1
31) Freon 113	2.846	101	7788	0.229	ppbV		92
32) trans-1,2-dichloroethene	3.062	61	4213	0.215	ppbV		94
33) 1,1-dichloroethane	3.129	63	6181	0.235	ppbV		96
34) MTBE	3.164	73	9645	0.234	ppbV	#	91
35) vinyl acetate	3.195	43	7080	0.262	ppbV		97
36) 2-butanone	3.288	43	5871	0.229	ppbV		92
37) cis-1,2-dichloroethene	3.441	61	4867	0.218	ppbV		96
38) Ethyl Acetate	3.560	61	1303M6	0.200	ppbV		
39) chloroform	3.560	83	8123	0.224	ppbV		98
40) Tetrahydrofuran	3.747	42	2336M6	0.185	ppbV		
41) 2,2-dichloropropane	3.575	77	7243	0.240	ppbV		98
42) 1,2-dichloroethane	3.868	62	4906	0.234	ppbV	#	91
44) hexane	3.546	57	6292	0.259	ppbV	#	41
45) diisopropyl ether	3.553	87	4167	0.205	ppbV	#	98
46) tert-butyl ethyl ether	3.779	59	12923	0.258	ppbV		95
48) 1,1,1-trichloroethane	3.982	97	7861	0.208	ppbV		98
49) 1,1-dichloropropene	4.120	75	6459	0.198	ppbV	#	91
50) benzene	4.186	78	13229	0.225	ppbV	#	92
51) thiophene	4.233	84	9748	0.168	ppbV		91
52) carbon tetrachloride	4.252	117	8866	0.226	ppbV		93
53) cyclohexane	4.309	56	5945	0.240	ppbV		92
54) tert-amyl methyl ether	4.488	73	11592	0.216	ppbV		97
55) dibromomethane	4.544	93	4736	0.210	ppbV		97
56) 1,2-dichloropropane	4.563	63	4099M2	0.211	ppbV		
57) bromodichloromethane	4.658	83	8797	0.226	ppbV		92
58) 1,4-dioxane	4.714	88	2613M2	0.207	ppbV		
59) trichloroethene	4.686	130	6359	0.209	ppbV		97
60) 2,2,4-trimethylpentane	4.724	57	17842	0.235	ppbV		97
61) methyl methacrylate	4.818	41	4748	0.253	ppbV		90
62) heptane	4.865	43	6456	0.270	ppbV		94
63) cis-1,3-dichloropropene	5.110	75	6235	0.195	ppbV		98
64) 4-methyl-2-pentanone	5.158	43	7502	0.236	ppbV		96
65) trans-1,3-dichloropropene	5.381	75	4827	0.189	ppbV	#	89
66) 1,1,2-trichloroethane	5.453	97	5183	0.196	ppbV		91

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262657.D
Acq On : 03 Apr 2025 02:36 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD0.2
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 03 12:15:48 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.589	91	17401	0.235	ppbV		96
70) 2-methylthiophene	5.613	97	14817	0.166	ppbV		88
71) 1,3-dichloropropane	5.605	76	7190	0.220	ppbV	#	87
72) 2-hexanone	5.772	43	6295	0.210	ppbV		97
73) 3-methylthiophene	5.701	97	14496	0.153	ppbV		98
74) dibromochloromethane	5.780	129	8185	0.188	ppbV		90
75) 1,2-dibromoethane	5.900	107	7753	0.194	ppbV		97
76) butyl acetate	6.108	73	1702	0.187	ppbV		89
77) octane	6.132	85	5557	0.230	ppbV		96
78) tetrachloroethene	6.148	166	8833	0.232	ppbV		98
79) 1,1,1,2-tetrachloroethane	6.471	131	6843	0.215	ppbV		88
80) chlorobenzene	6.471	112	13667	0.221	ppbV		96
81) ethylbenzene	6.673	91	22084	0.230	ppbV		96
82) 2-ethylthiophene	6.689	97	17268	0.161	ppbV	#	97
83) m+p-xylene	6.766	91	34188	0.455	ppbV		95
84) bromoform	6.766	173	8064	0.184	ppbV		96
85) styrene	6.940	104	11875	0.194	ppbV		97
86) 1,1,2,2-tetrachloroethane	6.987	83	12025	0.224	ppbV		98
87) o-xylene	6.992	91	16716	0.230	ppbV		97
88) 1,2,3-trichloropropane	7.051	75	8403	0.219	ppbV	#	97
89) nonane	7.155	43	7903	0.219	ppbV		97
91) isopropylbenzene	7.295	105	23915	0.224	ppbV		99
92) bromobenzene	7.307	77	9159M6	0.146	ppbV		
93) 2-chlorotoluene	7.523	126	6310	0.215	ppbV		94
94) n-propylbenzene	7.563	120	6913	0.218	ppbV		81
95) 4-chlorotoluene	7.563	126	6022	0.204	ppbV	#	48
96) 4-ethyl toluene	7.643	105	22038	0.208	ppbV	#	97
97) 1,3,5-trimethylbenzene	7.683	105	19410	0.216	ppbV		98
98) tert-butylbenzene	7.898	119	22240	0.222	ppbV		96
99) 1,2,4-trimethylbenzene	7.898	105	19845	0.218	ppbV	#	85
100) decane	8.002	57	11239	0.233	ppbV		95
101) Benzyl Chloride	7.962	91	13534	0.180	ppbV		95
102) 1,3-dichlorobenzene	7.962	146	13593	0.203	ppbV		94
103) 1,4-dichlorobenzene	8.002	146	13791	0.206	ppbV		96
104) sec-butylbenzene	8.050	105	28184	0.211	ppbV		93
105) 1,2,3-trimethylbenzene	8.130	105	21780	0.224	ppbV		93
106) p-isopropyltoluene	8.146	119	24588M6	0.191	ppbV		
107) 1,2-dichlorobenzene	8.186	146	13086	0.198	ppbV	#	92
108) n-butylbenzene	8.385	91	23146	0.219	ppbV		99
109) indan	8.226	117	18396	0.232	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262657.D
Acq On : 03 Apr 2025 02:36 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD0.2
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 03 12:15:48 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

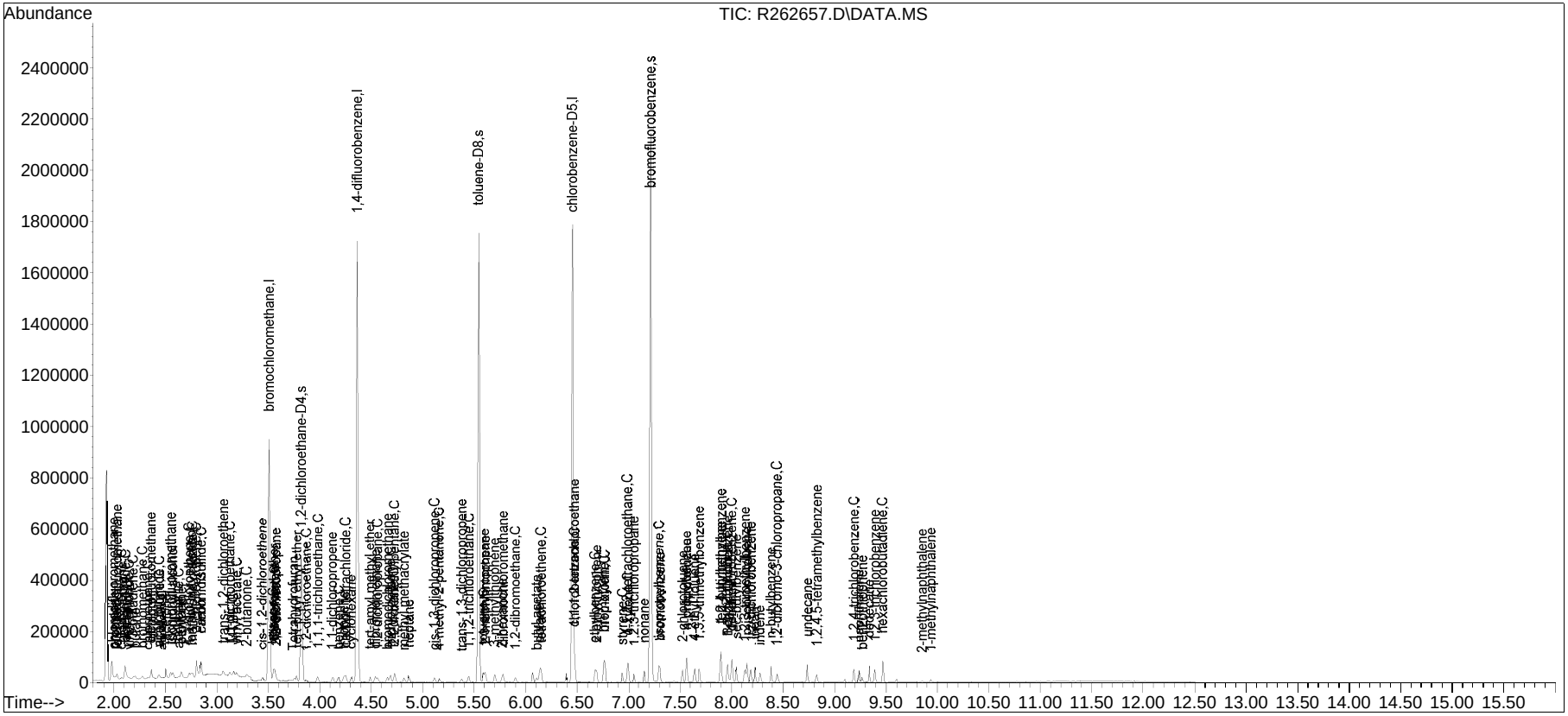
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.274	115	13851	0.215	ppbV	96
111) 1,2-dibromo-3-chloropr...	8.441	75	4807	0.179	ppbV	94
112) undecane	8.737	57	14312	0.233	ppbV #	93
113) 1,2,4,5-tetramethylben...	8.824	119	11494	0.179	ppbV	99
114) dodecane	9.341	57	12307	0.161	ppbV	99
115) 1,2,4-trichlorobenzene	9.189	180	11156	0.170	ppbV	99
116) naphthalene	9.242	128	25832	0.168	ppbV	98
117) 1,2,3-trichlorobenzene	9.394	180	9154	0.130	ppbV	93
118) benzothiophene	9.271	134	10119	0.118	ppbV	98
119) hexachlorobutadiene	9.464	225	9235	0.175	ppbV #	90
120) 2-methylnaphthalene	9.856	142	1919M3	0.116	ppbV	
121) 1-methylnaphthalene	9.937	142	3128	0.151	ppbV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed4\0402T_I\R262661.D

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262657.D
Acq On : 03 Apr 2025 02:36 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD0.2
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

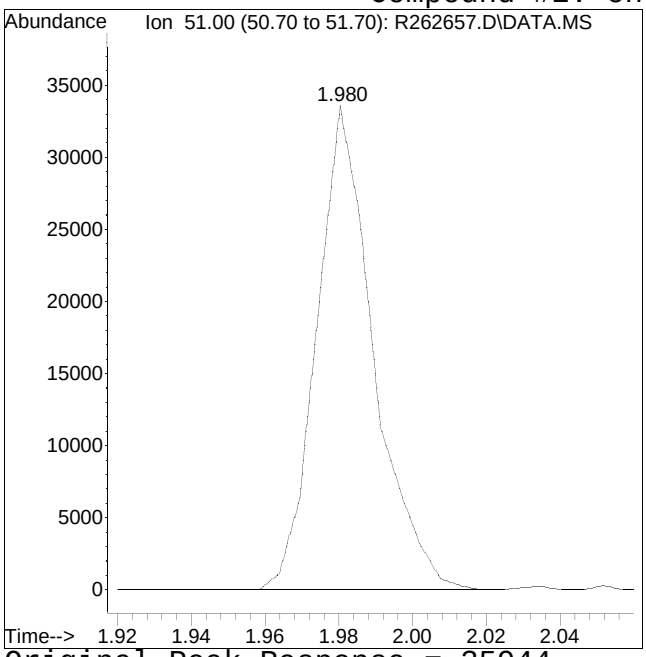
Quant Time: Apr 03 12:15:48 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration



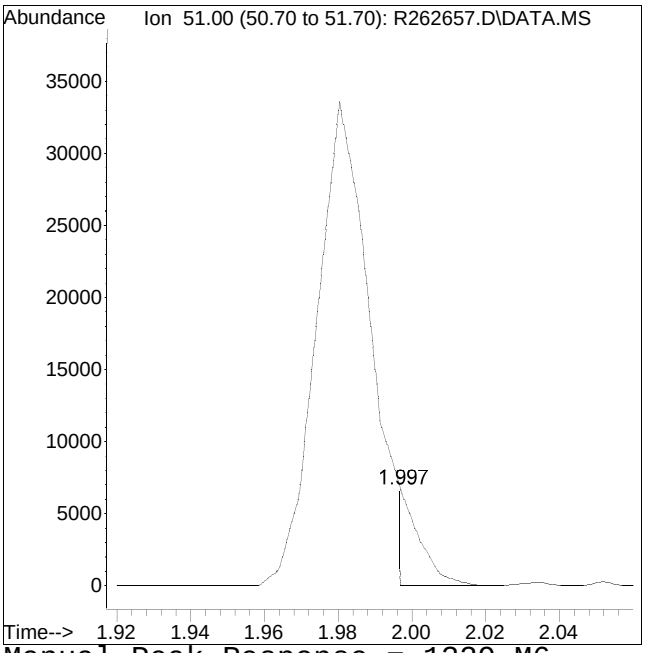
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262657.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 2:36 am Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 4/3/2025 12:15 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 35944



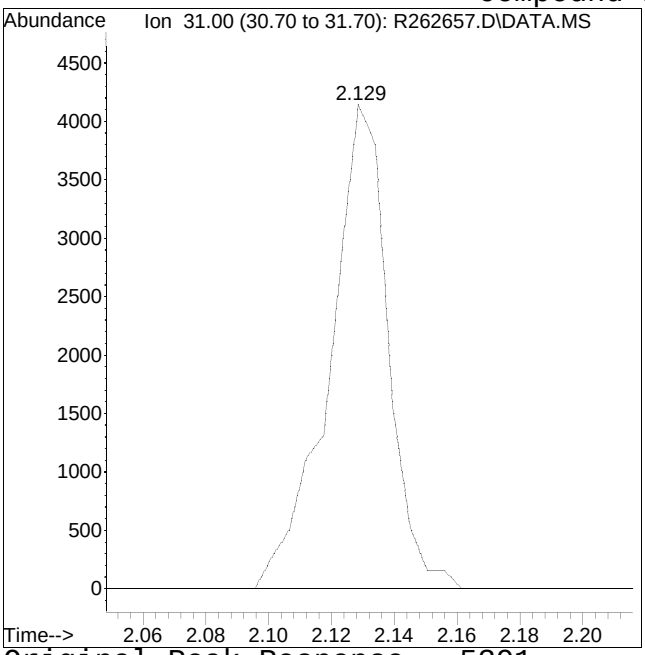
Manual Peak Response = 1329 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

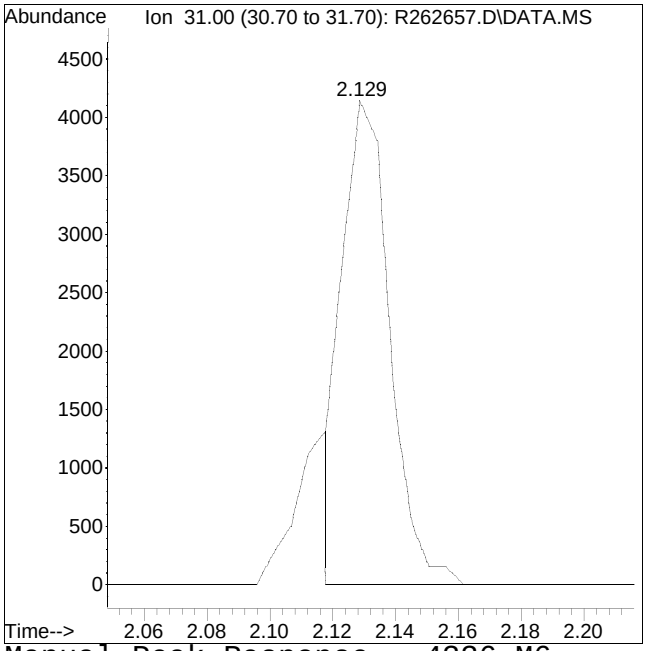
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262657.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 2:36 am Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 4/3/2025 12:15 pm

Compound #8: methanol



Original Peak Response = 5391



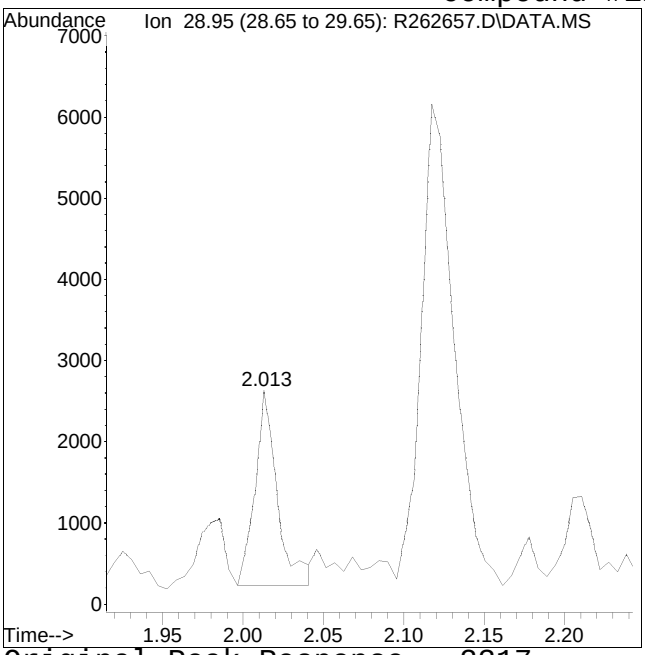
Manual Peak Response = 4336 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

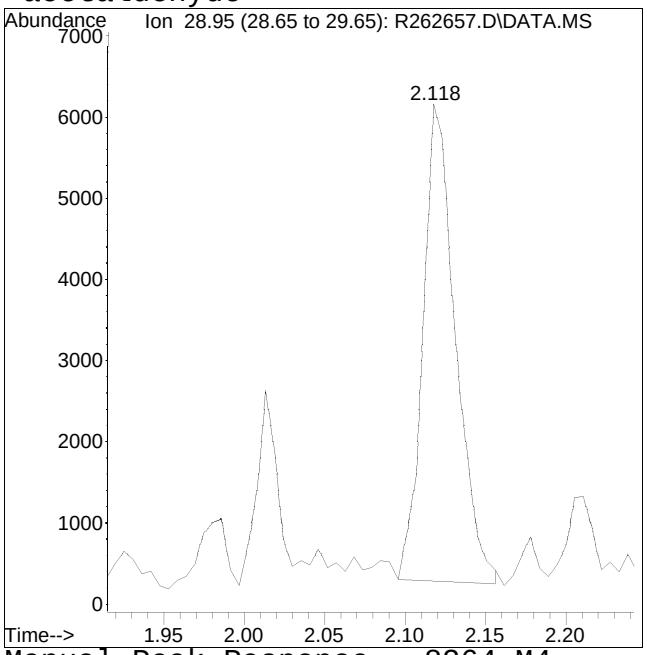
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262657.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 2:36 am Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 4/3/2025 12:15 pm

Compound #12: acetaldehyde



Original Peak Response = 2317



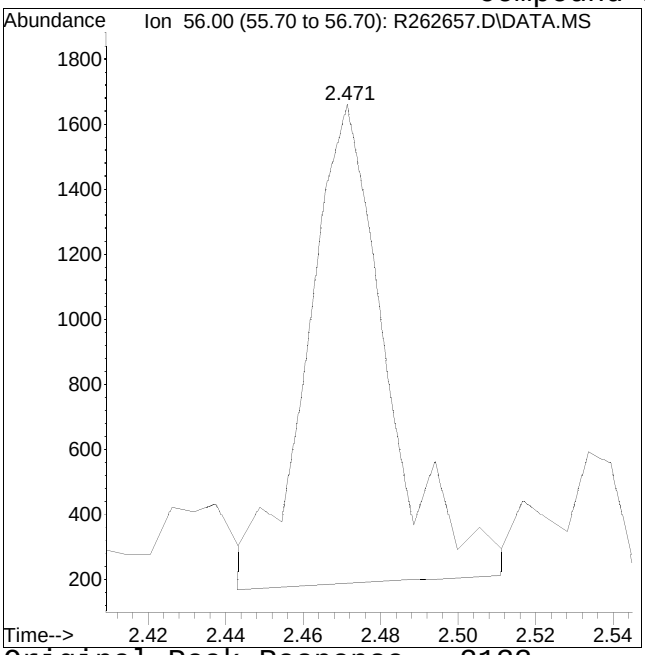
Manual Peak Response = 8264 M4

M4 = Poor automated baseline construction.

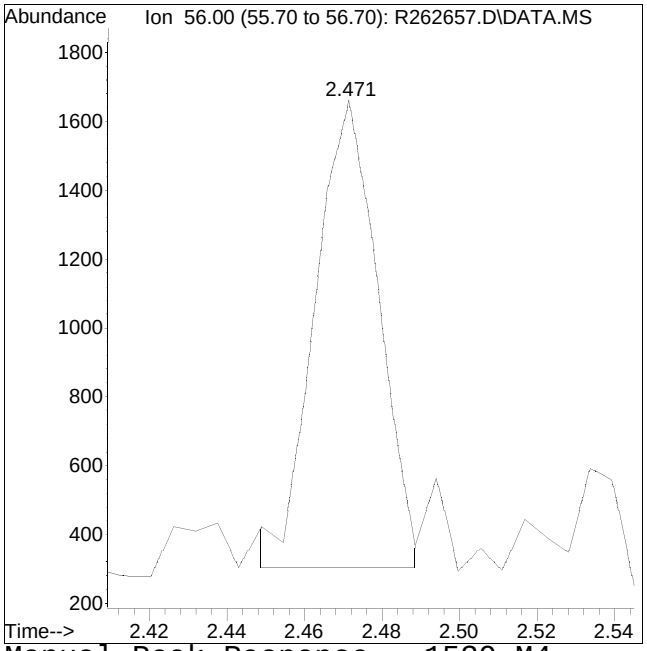
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262657.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 2:36 am Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 4/3/2025 12:15 pm

Compound #18: acrolein



Original Peak Response = 2133



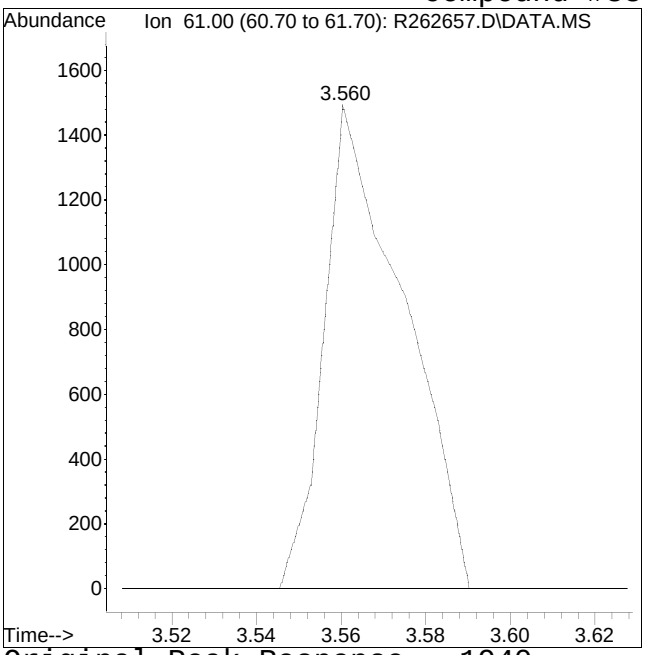
Manual Peak Response = 1539 M4

M4 = Poor automated baseline construction.

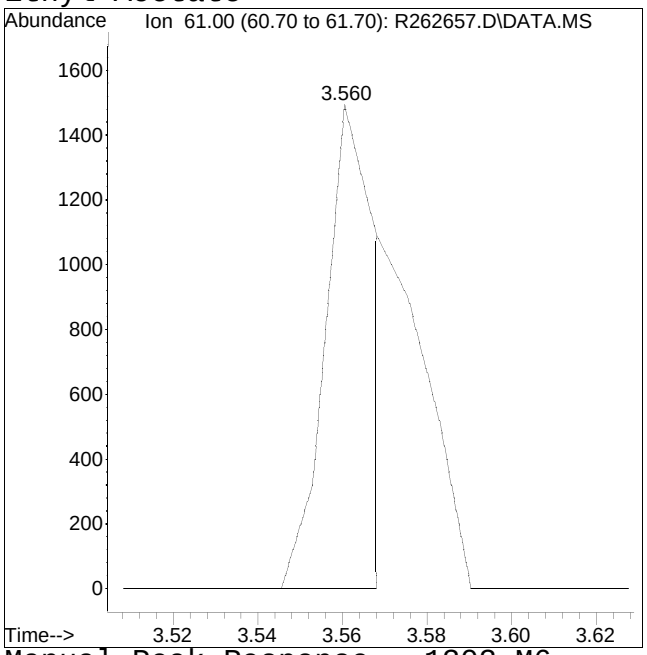
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262657.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 2:36 am Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 4/3/2025 12:15 pm

Compound #38: Ethyl Acetate



Original Peak Response = 1940



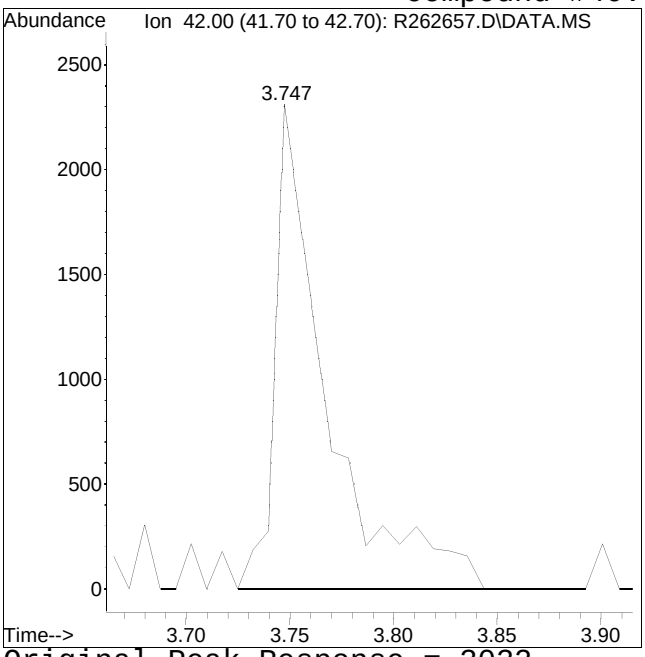
Manual Peak Response = 1303 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

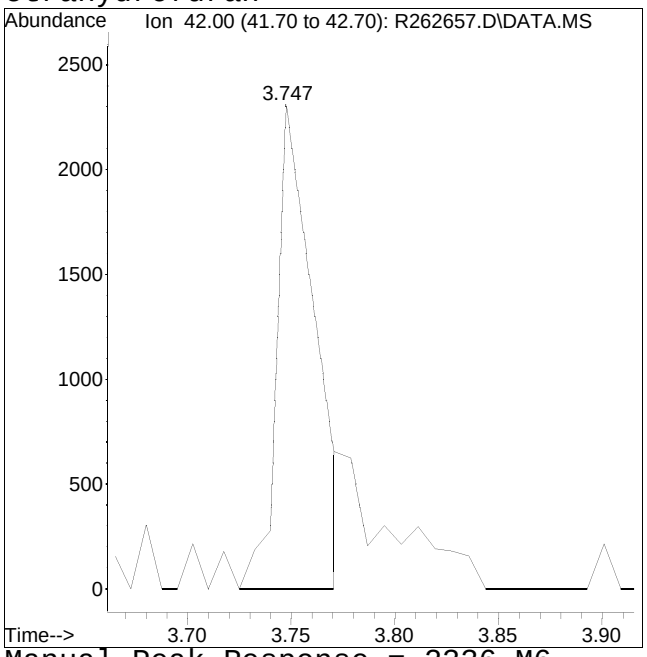
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262657.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 2:36 am Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 4/3/2025 12:15 pm

Compound #40: Tetrahydrofuran



Original Peak Response = 3032



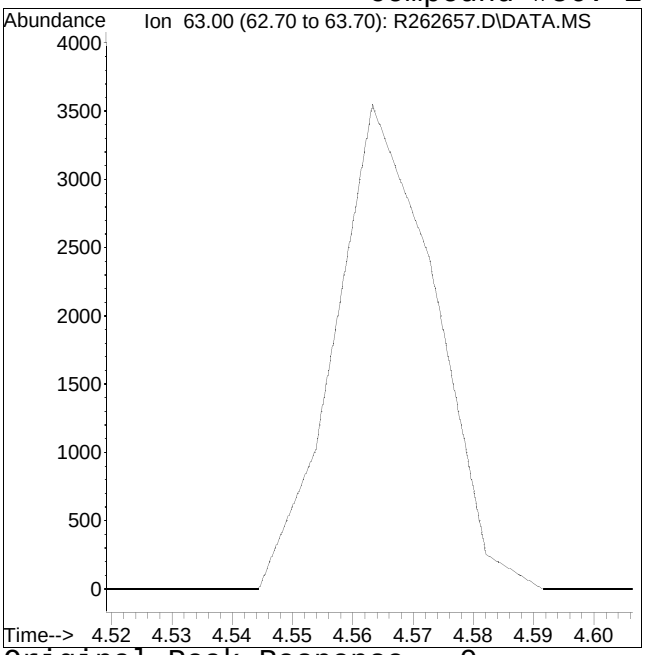
Manual Peak Response = 2336 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

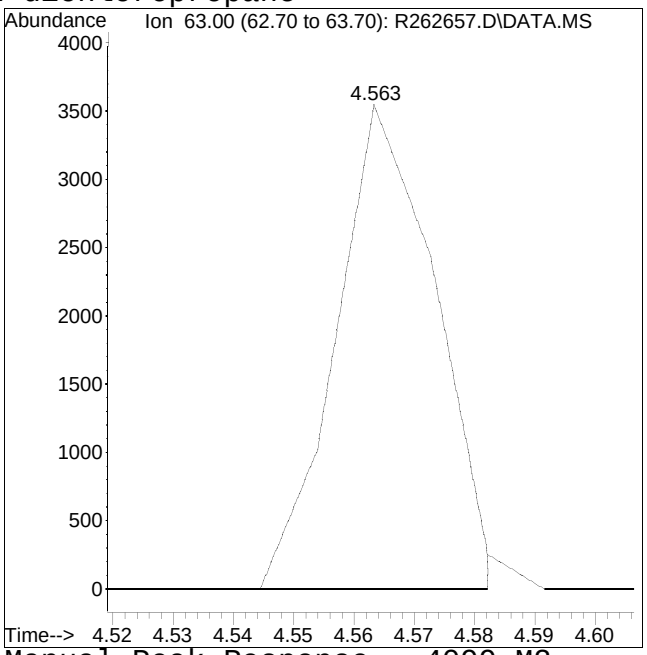
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262657.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 2:36 am Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 4/3/2025 12:15 pm

Compound #56: 1,2-dichloropropane



Original Peak Response = 0



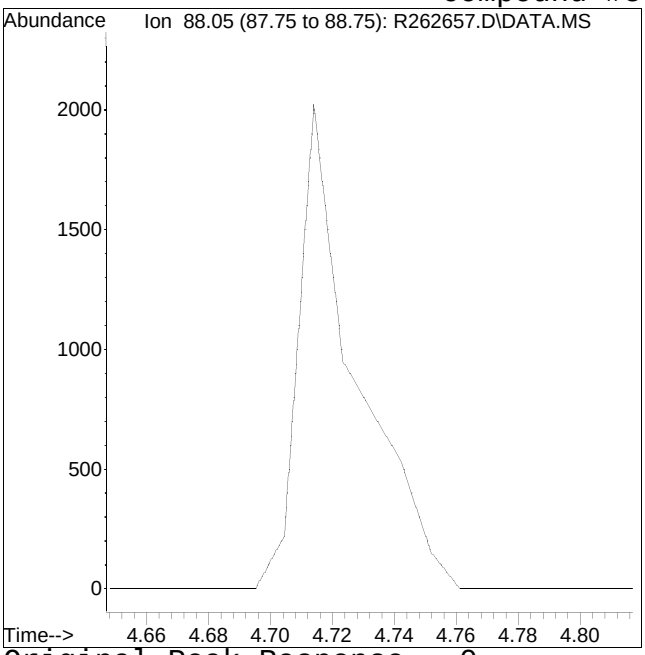
Manual Peak Response = 4099 M2

M2 = Peak not found by automatic integration algorithm.

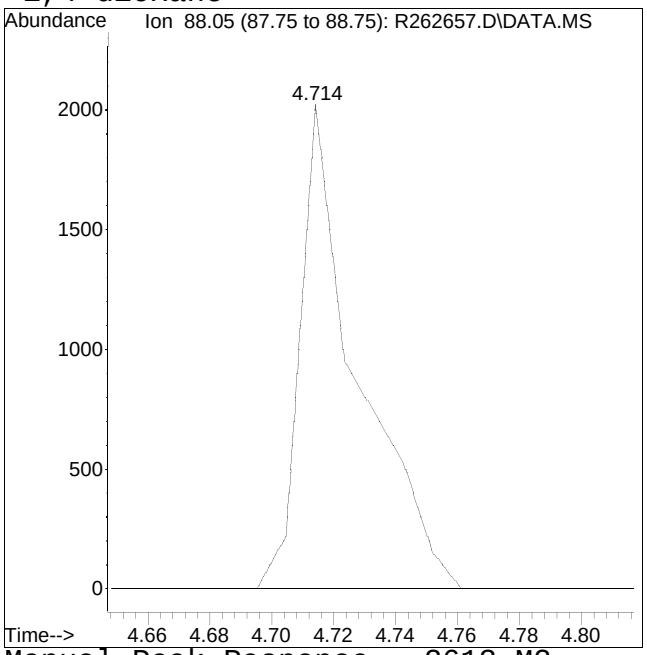
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262657.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 2:36 am Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 4/3/2025 12:15 pm

Compound #58: 1,4-dioxane



Original Peak Response = 0



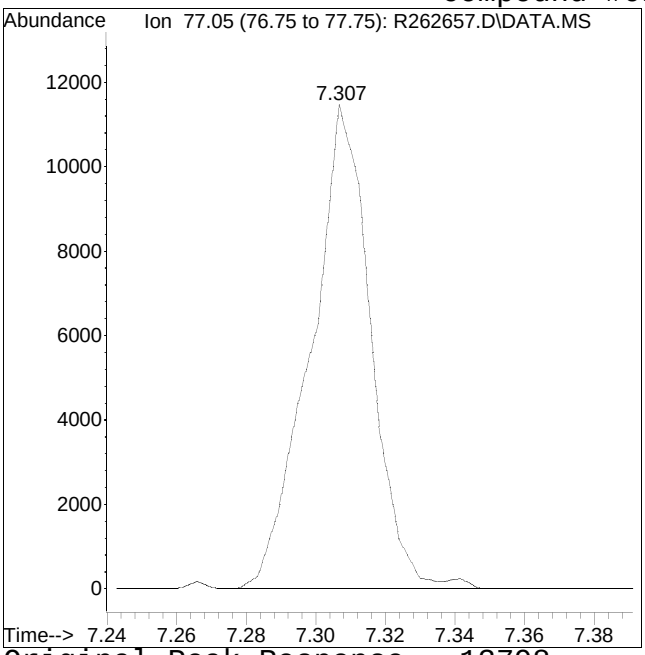
Manual Peak Response = 2613 M2

M2 = Peak not found by automatic integration algorithm.

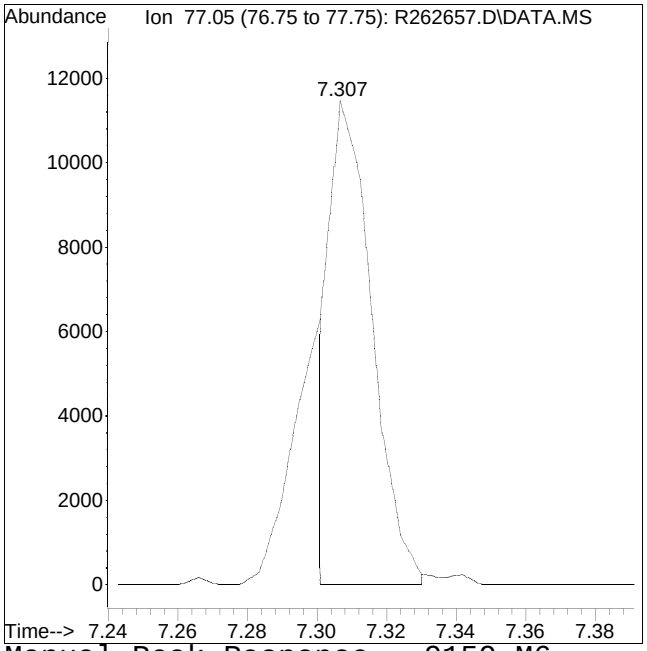
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262657.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 2:36 am Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 4/3/2025 12:15 pm

Compound #92: bromobenzene



Original Peak Response = 13798



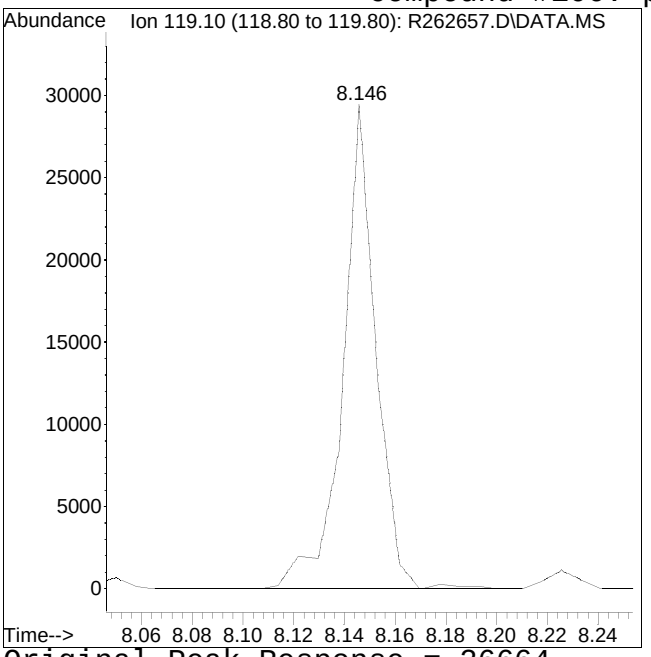
Manual Peak Response = 9159 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

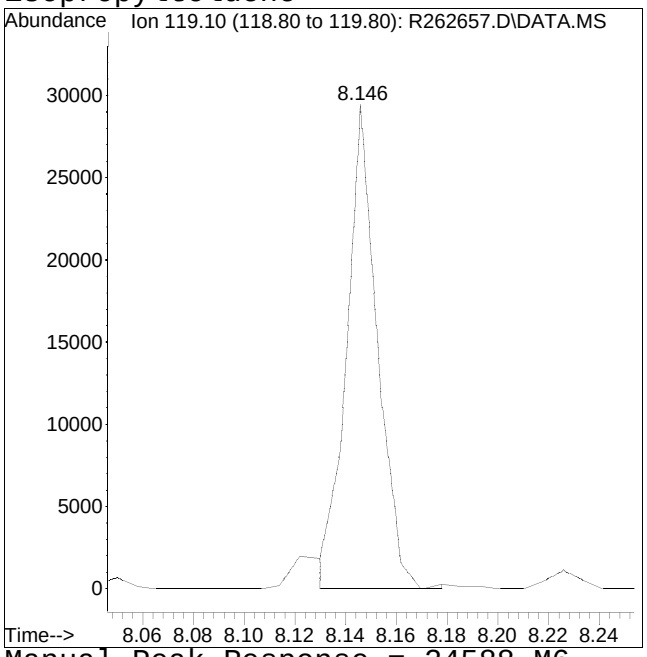
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262657.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 2:36 am Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 4/3/2025 12:15 pm

Compound #106: p-isopropyltoluene



Original Peak Response = 26664



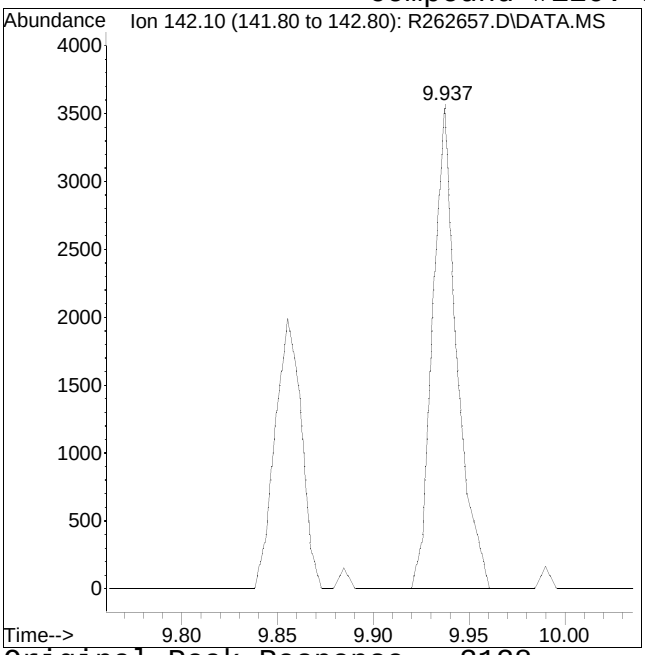
Manual Peak Response = 24588 M6

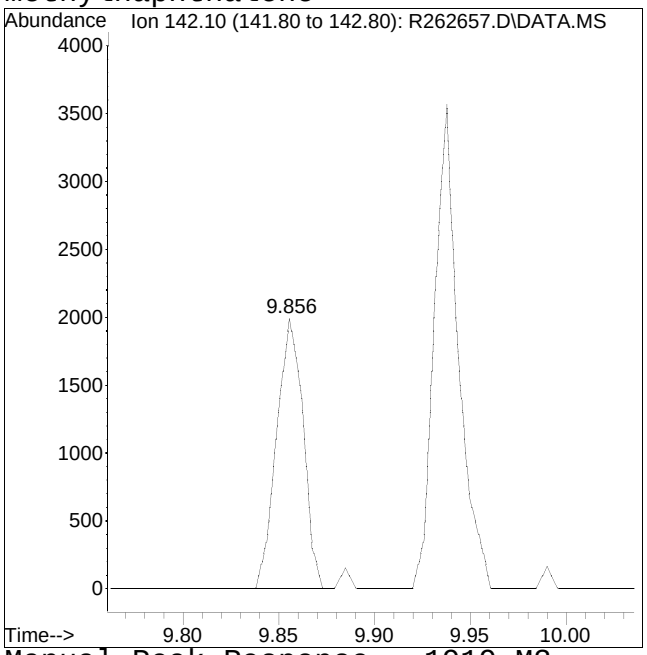
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262657.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 2:36 am Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 4/3/2025 12:15 pm

Compound #120: 2-methylnaphthalene





Original Peak Response = 3128 Manual Peak Response = 1919 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262658.D
Acq On : 03 Apr 2025 03:11 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD0.5
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 03 12:15:57 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	201371	10.000	ppbV	0.00
Standard Area = 193196			Recovery = 104.23%			
43) 1,4-difluorobenzene	4.365	114	872889	10.000	ppbV	0.00
Standard Area = 834490			Recovery = 104.60%			
67) chlorobenzene-D5	6.449	54	103961	10.000	ppbV	0.00
Standard Area = 100761			Recovery = 103.18%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.819	65	202380	9.901	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.01%			
69) toluene-D8	5.541	98	723606	9.983	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.83%			
90) bromofluorobenzene	7.214	95	425368	9.792	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.92%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.991	51	4106M6	0.451	ppbV	
3) propylene	2.002	41	7089	0.638	ppbV	94
4) propane	2.008	29	5473	0.868	ppbV #	74
5) dichlorodifluoromethane	2.024	85	25013	0.598	ppbV	98
6) chloromethane	2.074	50	7852	0.649	ppbV	91
7) Freon-114	2.107	85	26285	0.604	ppbV	99
8) methanol	2.123	31	9393M6	3.484	ppbV	
9) vinyl chloride	2.145	62	9105	0.597	ppbV	88
10) 1,3-butadiene	2.189	54	7211	0.692	ppbV	82
11) butane	2.205	43	10757	0.615	ppbV	93
12) acetaldehyde	2.112	29	18491	3.590	ppbV #	86
13) bromomethane	2.271	94	9214	0.572	ppbV	87
14) chloroethane	2.326	64	5147	0.602	ppbV #	81
15) ethanol	2.365	31	26296	4.093	ppbV	98
16) dichlorofluoromethane	2.354	67	23406	0.655	ppbV	96
17) vinyl bromide	2.432	106	11351	0.694	ppbV	87
18) acrolein	2.466	56	4064	0.609	ppbV #	92
19) acetone	2.505	43	49973	3.190	ppbV #	95
20) acetonitrile	2.432	41	6603M4	0.643	ppbV	
21) trichlorofluoromethane	2.556	101	23448	0.611	ppbV	98
22) isopropyl alcohol	2.573	45	30614	1.804	ppbV	99
23) acrylonitrile	2.630	53	7177	0.602	ppbV	96
24) pentane	2.653	43	12826	0.568	ppbV	96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262658.D
Acq On : 03 Apr 2025 03:11 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD0.5
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 03 12:15:57 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	2.658	31	6720	0.681	ppbV		95
26) 1,1-dichloroethene	2.727	61	12108	0.497	ppbV		90
27) tertiary butyl alcohol	2.746	59	17551	0.671	ppbV	#	89
28) methylene chloride	2.760	49	8331	0.640	ppbV		98
29) 3-chloropropene	2.798	41	8196	0.610	ppbV		96
30) carbon disulfide	2.851	76	24291	0.591	ppbV	#	48
31) Freon 113	2.846	101	19437	0.581	ppbV		96
32) trans-1,2-dichloroethene	3.062	61	11346	0.588	ppbV		98
33) 1,1-dichloroethane	3.133	63	15819	0.611	ppbV		96
34) MTBE	3.164	73	23267	0.573	ppbV	#	96
35) vinyl acetate	3.195	43	17050	0.641	ppbV		95
36) 2-butanone	3.288	43	14095	0.559	ppbV		98
37) cis-1,2-dichloroethene	3.448	61	13327	0.606	ppbV		97
38) Ethyl Acetate	3.560	61	3010M6	0.469	ppbV		
39) chloroform	3.568	83	20878	0.585	ppbV		98
40) Tetrahydrofuran	3.747	42	7144M6	0.576	ppbV		
41) 2,2-dichloropropane	3.575	77	17605	0.593	ppbV		96
42) 1,2-dichloroethane	3.868	62	12472	0.604	ppbV		95
44) hexane	3.545	57	15197	0.635	ppbV	#	46
45) diisopropyl ether	3.553	87	11149	0.556	ppbV		91
46) tert-butyl ethyl ether	3.778	59	35369	0.716	ppbV		93
48) 1,1,1-trichloroethane	3.982	97	21591	0.579	ppbV		95
49) 1,1-dichloropropene	4.120	75	16295	0.506	ppbV		92
50) benzene	4.186	78	33024	0.571	ppbV		95
51) thiophene	4.233	84	25283	0.441	ppbV		93
52) carbon tetrachloride	4.252	117	21376	0.553	ppbV		94
53) cyclohexane	4.309	56	14278	0.584	ppbV		96
54) tert-amyl methyl ether	4.488	73	29452	0.556	ppbV		97
55) dibromomethane	4.544	93	12517	0.562	ppbV		98
56) 1,2-dichloropropane	4.563	63	11183	0.585	ppbV		91
57) bromodichloromethane	4.657	83	20850	0.543	ppbV		99
58) 1,4-dioxane	4.705	88	7117	0.572	ppbV		95
59) trichloroethene	4.686	130	17393	0.579	ppbV		95
60) 2,2,4-trimethylpentane	4.723	57	45213	0.604	ppbV		98
61) methyl methacrylate	4.818	41	11102	0.600	ppbV		96
62) heptane	4.865	43	13992	0.595	ppbV		96
63) cis-1,3-dichloropropene	5.110	75	16761	0.531	ppbV		98
64) 4-methyl-2-pentanone	5.158	43	17019	0.544	ppbV		99
65) trans-1,3-dichloropropene	5.381	75	13428	0.533	ppbV		97
66) 1,1,2-trichloroethane	5.453	97	14014	0.537	ppbV		92

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262658.D
Acq On : 03 Apr 2025 03:11 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD0.5
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 03 12:15:57 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.589	91	42020	0.572	ppbV		99
70) 2-methylthiophene	5.613	97	38058	0.430	ppbV		95
71) 1,3-dichloropropane	5.605	76	19673	0.607	ppbV	#	95
72) 2-hexanone	5.764	43	16115	0.542	ppbV		92
73) 3-methylthiophene	5.701	97	40399	0.430	ppbV		100
74) dibromochloromethane	5.780	129	23048	0.533	ppbV		97
75) 1,2-dibromoethane	5.900	107	22061	0.557	ppbV		96
76) butyl acetate	6.100	73	4835	0.534	ppbV		82
77) octane	6.132	85	14261	0.595	ppbV		94
78) tetrachloroethene	6.148	166	22449	0.596	ppbV		93
79) 1,1,1,2-tetrachloroethane	6.471	131	17115	0.542	ppbV		98
80) chlorobenzene	6.471	112	35024	0.571	ppbV		99
81) ethylbenzene	6.673	91	54037	0.569	ppbV		95
82) 2-ethylthiophene	6.689	97	44862	0.421	ppbV		99
83) m+p-xylene	6.766	91	87963	1.180	ppbV		99
84) bromoform	6.766	173	21877	0.504	ppbV		99
85) styrene	6.940	104	33997	0.560	ppbV		98
86) 1,1,2,2-tetrachloroethane	6.987	83	29679	0.557	ppbV		99
87) o-xylene	6.992	91	41583	0.578	ppbV		98
88) 1,2,3-trichloropropane	7.051	75	21923	0.577	ppbV		97
89) nonane	7.155	43	20367	0.570	ppbV		98
91) isopropylbenzene	7.295	105	60455	0.572	ppbV		100
92) bromobenzene	7.307	77	22901M6	0.369	ppbV		
93) 2-chlorotoluene	7.523	126	16010	0.550	ppbV		91
94) n-propylbenzene	7.563	120	17549	0.558	ppbV		76
95) 4-chlorotoluene	7.563	126	16572	0.565	ppbV		66
96) 4-ethyl toluene	7.643	105	56906	0.541	ppbV		100
97) 1,3,5-trimethylbenzene	7.683	105	50567	0.569	ppbV		98
98) tert-butylbenzene	7.898	119	58112	0.584	ppbV		94
99) 1,2,4-trimethylbenzene	7.898	105	50809	0.562	ppbV	#	89
100) decane	8.002	57	28412	0.594	ppbV		95
101) Benzyl Chloride	7.954	91	35970	0.481	ppbV		97
102) 1,3-dichlorobenzene	7.962	146	36665	0.551	ppbV		97
103) 1,4-dichlorobenzene	8.002	146	37858	0.570	ppbV		95
104) sec-butylbenzene	8.050	105	77228	0.583	ppbV		97
105) 1,2,3-trimethylbenzene	8.122	105	55400	0.573	ppbV		97
106) p-isopropyltoluene	8.146	119	68219M6	0.533	ppbV		
107) 1,2-dichlorobenzene	8.186	146	37054	0.567	ppbV		96
108) n-butylbenzene	8.385	91	58988	0.562	ppbV		99
109) indan	8.226	117	48595	0.619	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262658.D
Acq On : 03 Apr 2025 03:11 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD0.5
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 03 12:15:57 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

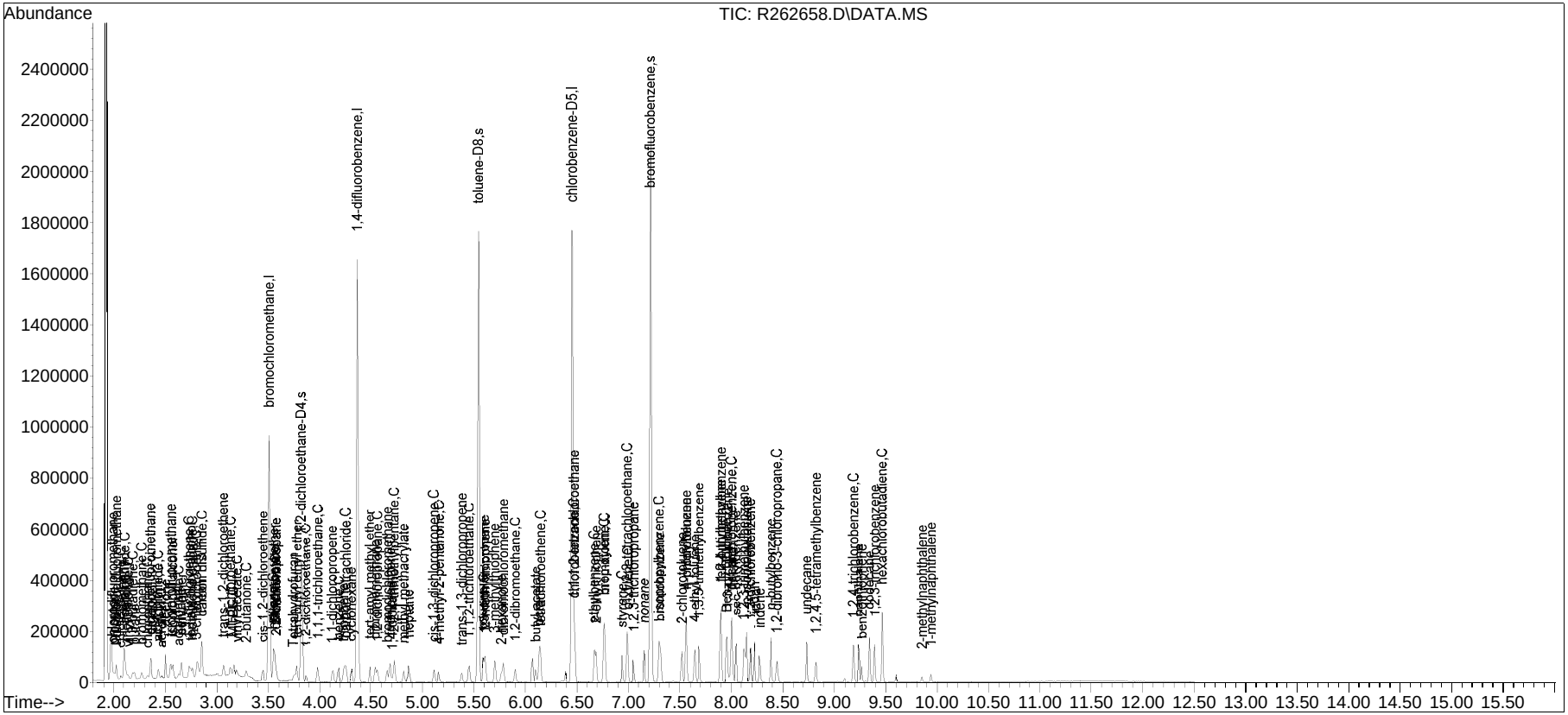
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.274	115	37006	0.579	ppbV	96
111) 1,2-dibromo-3-chloropr...	8.441	75	13464	0.507	ppbV	89
112) undecane	8.729	57	34374	0.565	ppbV	97
113) 1,2,4,5-tetramethylben...	8.824	119	27924	0.439	ppbV	93
114) dodecane	9.341	57	30517	0.402	ppbV	97
115) 1,2,4-trichlorobenzene	9.189	180	31387	0.482	ppbV	97
116) naphthalene	9.236	128	73062	0.480	ppbV	98
117) 1,2,3-trichlorobenzene	9.394	180	28478	0.409	ppbV	97
118) benzothiophene	9.271	134	31768	0.373	ppbV	99
119) hexachlorobutadiene	9.464	225	29792	0.571	ppbV	95
120) 2-methylnaphthalene	9.856	142	6349M3	0.386	ppbV	
121) 1-methylnaphthalene	9.937	142	9246	0.450	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed4\0402T_I\R262661.D

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262658.D
Acq On : 03 Apr 2025 03:11 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD0.5
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

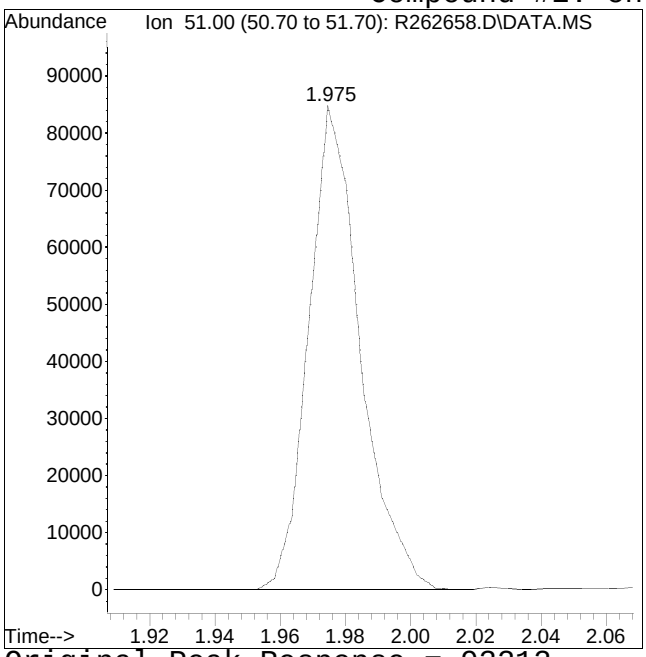
Quant Time: Apr 03 12:15:57 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration



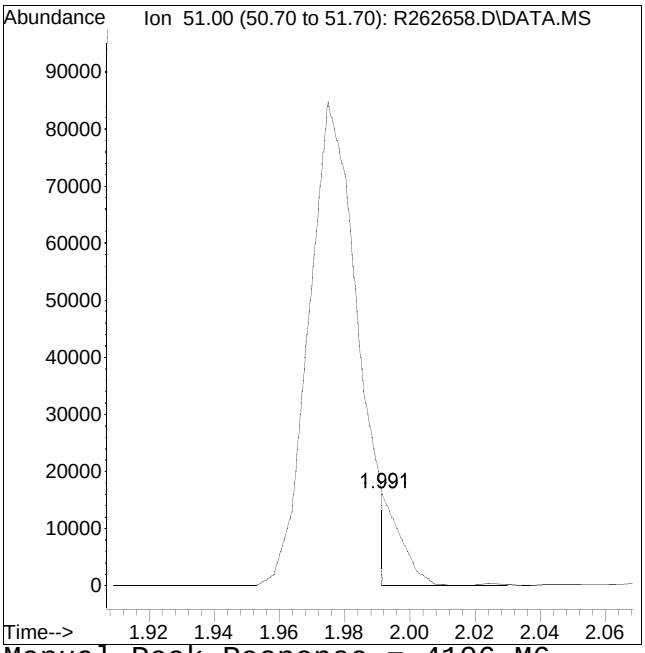
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262658.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:11 am Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 4/3/2025 12:15 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 93212



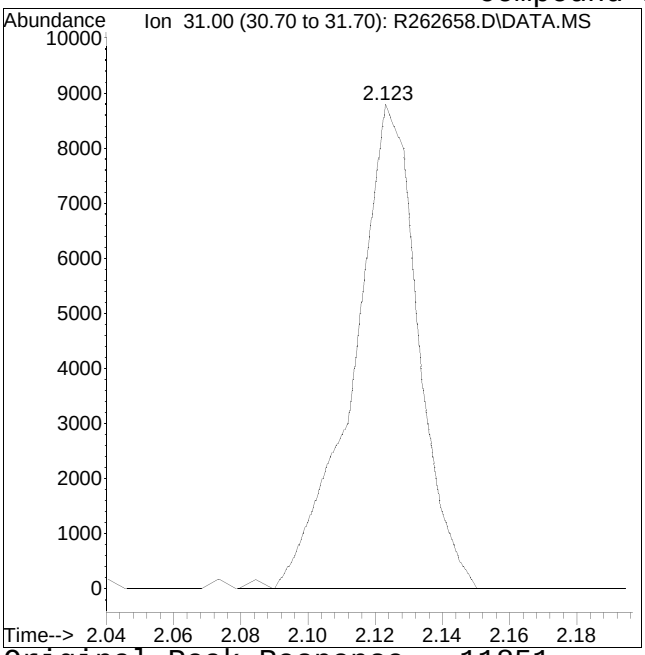
Manual Peak Response = 4106 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

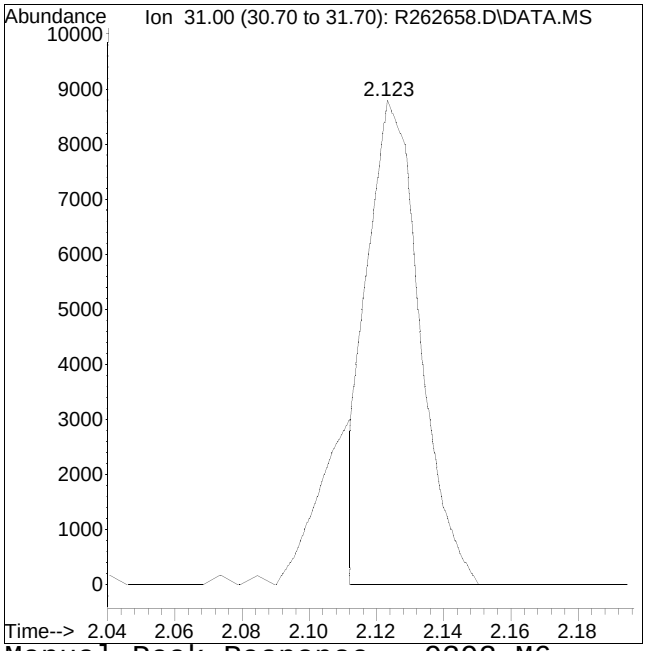
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262658.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:11 am Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 4/3/2025 12:15 pm

Compound #8: methanol



Original Peak Response = 11851



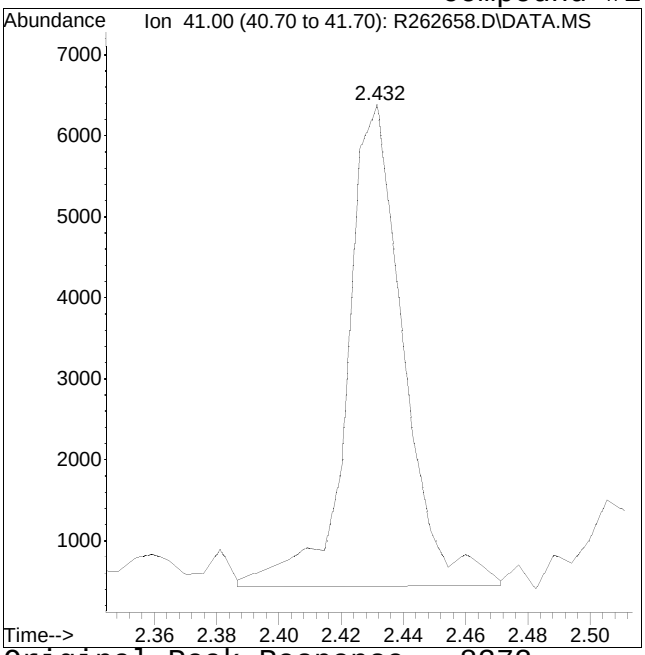
Manual Peak Response = 9393 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

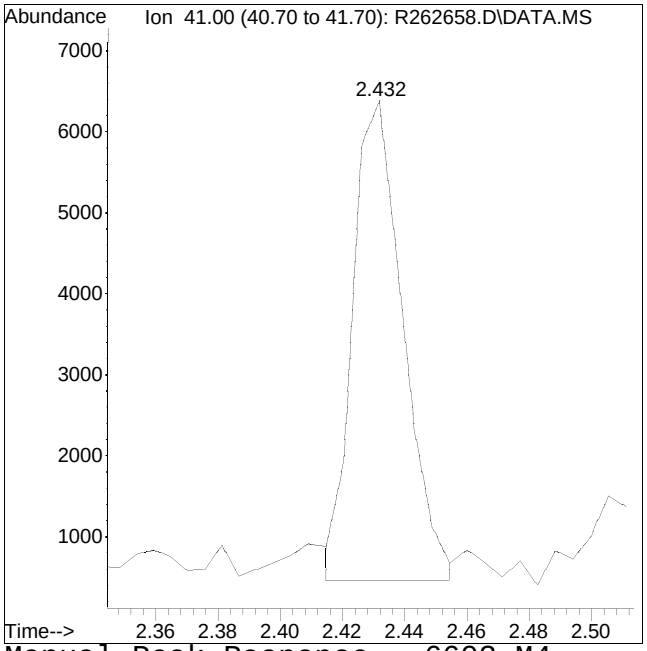
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262658.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:11 am Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 4/3/2025 12:15 pm

Compound #20: acetonitrile



Original Peak Response = 8372



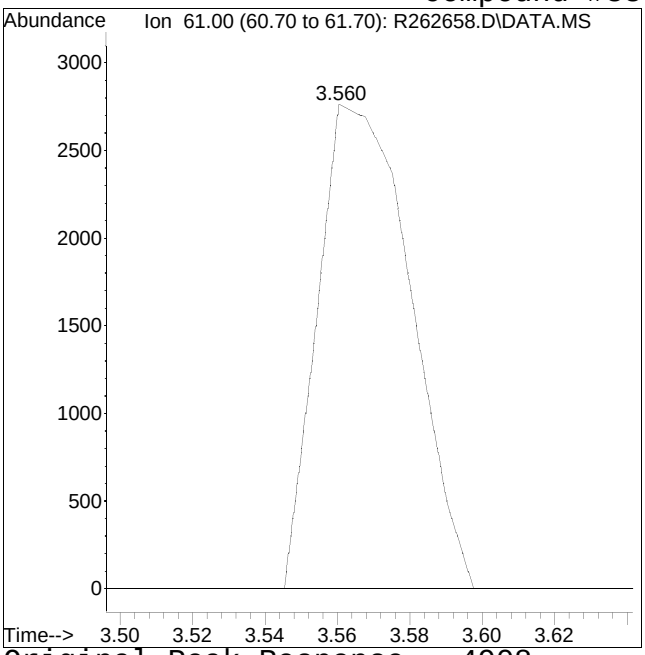
Manual Peak Response = 6603 M4

M4 = Poor automated baseline construction.

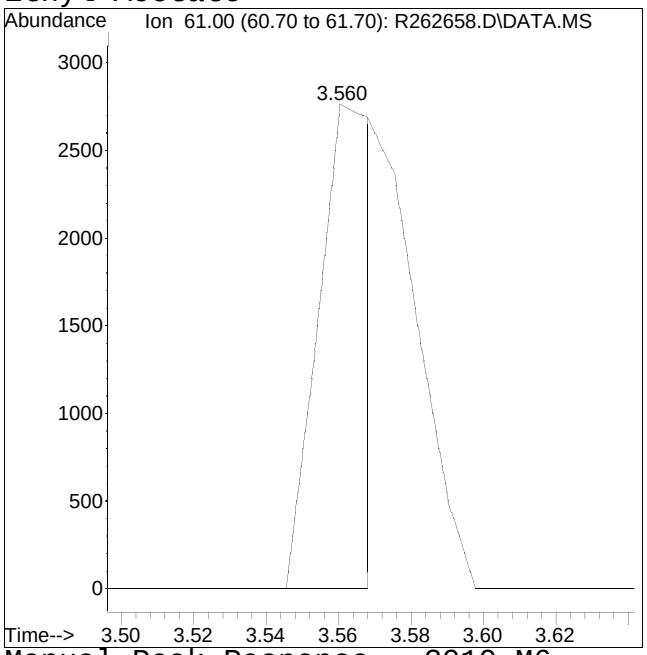
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262658.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:11 am Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 4/3/2025 12:15 pm

Compound #38: Ethyl Acetate



Original Peak Response = 4908



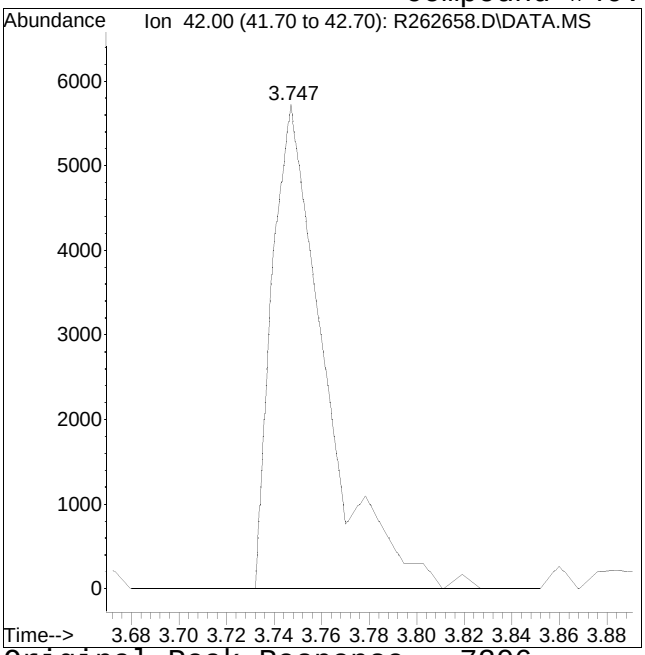
Manual Peak Response = 3010 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

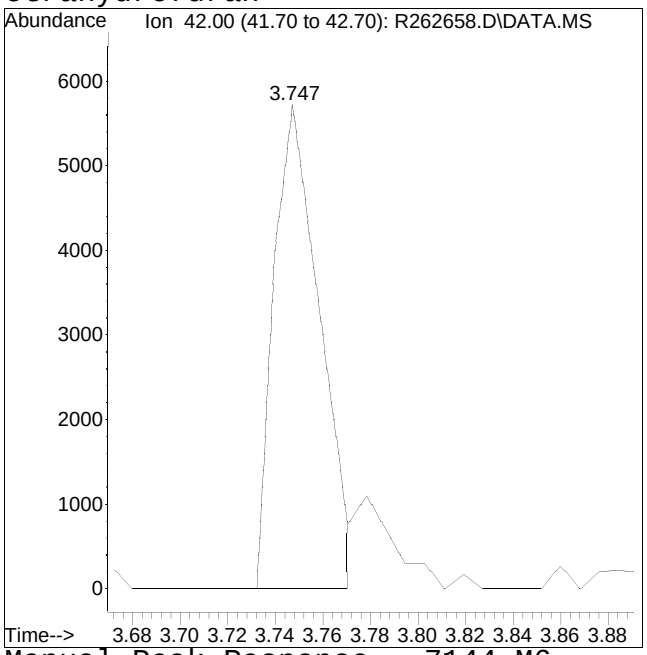
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262658.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:11 am Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 4/3/2025 12:15 pm

Compound #40: Tetrahydrofuran



Original Peak Response = 7206



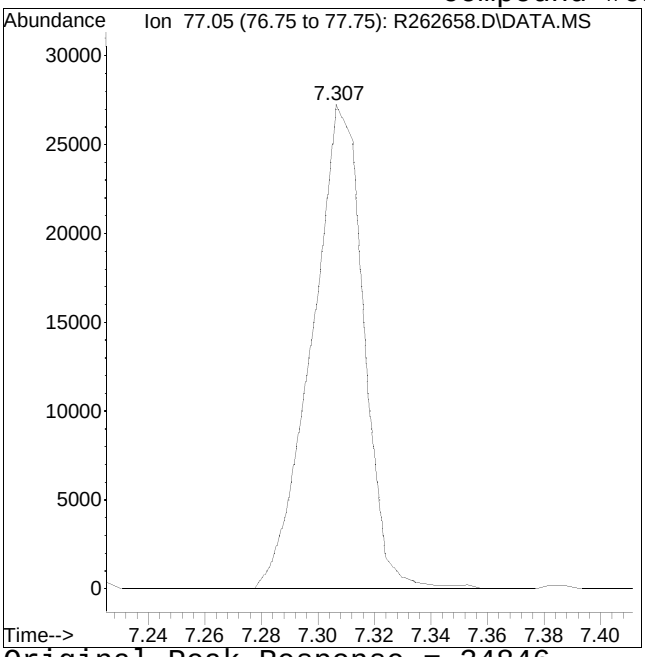
Manual Peak Response = 7144 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

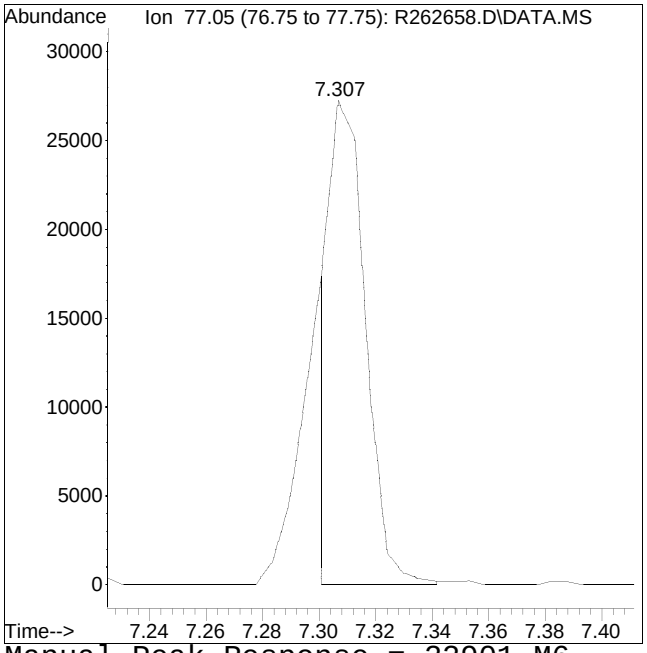
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262658.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:11 am Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 4/3/2025 12:15 pm

Compound #92: bromobenzene



Original Peak Response = 34846



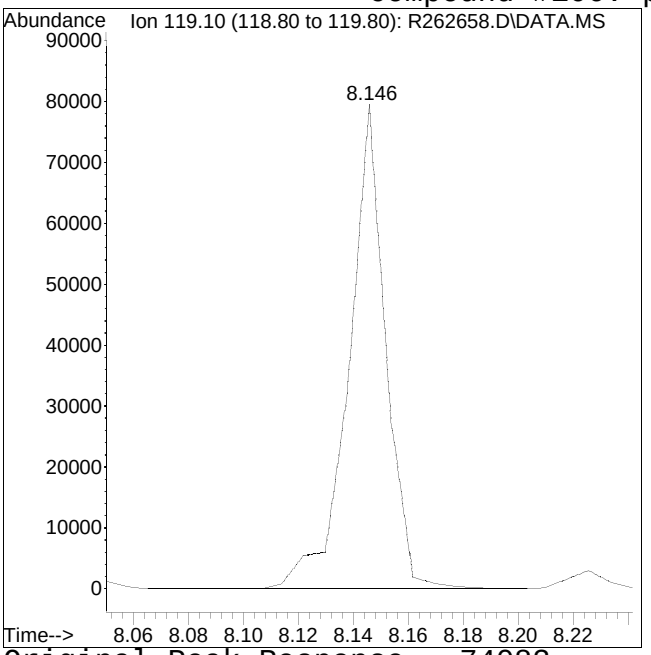
Manual Peak Response = 22901 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

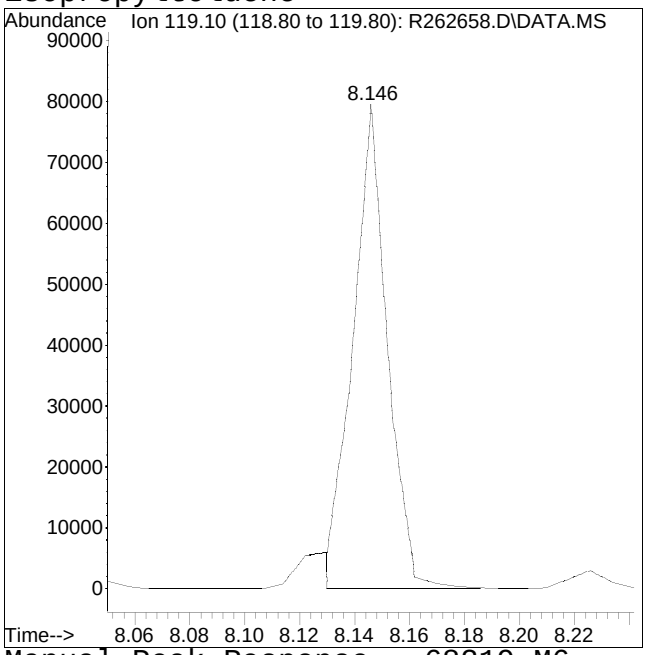
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262658.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:11 am Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 4/3/2025 12:15 pm

Compound #106: p-isopropyltoluene



Original Peak Response = 74083



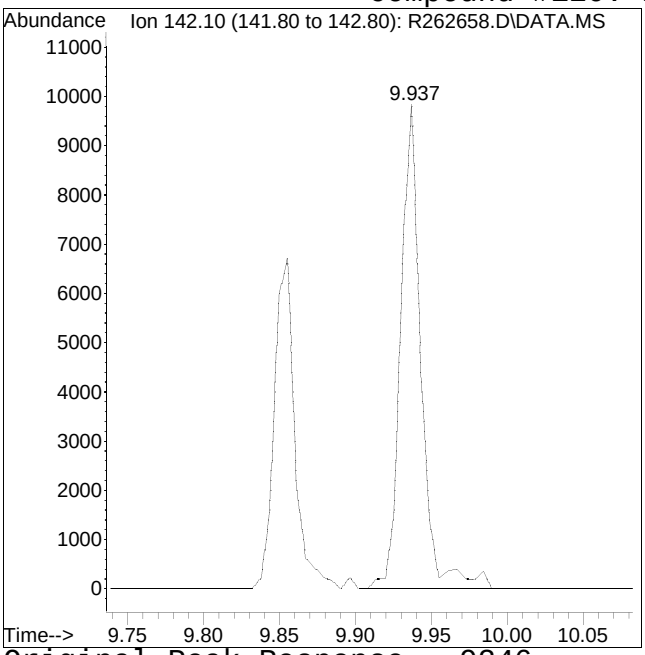
Manual Peak Response = 68219 M6

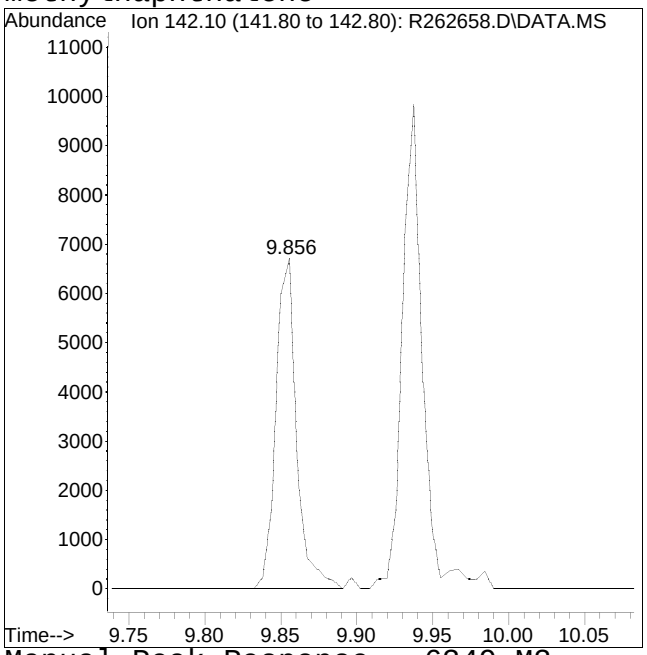
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262658.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:11 am Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 4/3/2025 12:15 pm

Compound #120: 2-methylnaphthalene





Original Peak Response = 9246 Manual Peak Response = 6349 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262659.D
Acq On : 03 Apr 2025 03:47 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD1.0
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 03 12:16:06 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	201362	10.000	ppbV	0.00
Standard Area = 193196			Recovery = 104.23%			
43) 1,4-difluorobenzene	4.365	114	871888	10.000	ppbV	0.00
Standard Area = 834490			Recovery = 104.48%			
67) chlorobenzene-D5	6.450	54	104007	10.000	ppbV	0.00
Standard Area = 100761			Recovery = 103.22%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.819	65	199545	9.774	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.74%			
69) toluene-D8	5.542	98	720248	9.932	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.32%			
90) bromofluorobenzene	7.215	95	430985	9.917	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.17%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.992	51	9265M6	1.017	ppbV	
3) propylene	2.003	41	13602	1.224	ppbV	92
4) propane	2.008	29	7911	1.254	ppbV #	73
5) dichlorodifluoromethane	2.025	85	48656	1.164	ppbV	98
6) chloromethane	2.074	50	14680	1.213	ppbV	99
7) Freon-114	2.107	85	50990	1.171	ppbV	98
8) methanol	2.123	31	17887M6	6.636	ppbV	
9) vinyl chloride	2.145	62	18549	1.216	ppbV	97
10) 1,3-butadiene	2.189	54	13000	1.247	ppbV	94
11) butane	2.206	43	21667	1.239	ppbV	93
12) acetaldehyde	2.112	29	33217	6.449	ppbV	92
13) bromomethane	2.272	94	18592	1.154	ppbV	93
14) chloroethane	2.327	64	10830	1.267	ppbV	95
15) ethanol	2.360	31	44560	6.935	ppbV	94
16) dichlorofluoromethane	2.354	67	44785	1.253	ppbV	99
17) vinyl bromide	2.432	106	19248	1.177	ppbV	93
18) acrolein	2.466	56	7499	1.124	ppbV #	86
19) acetone	2.506	43	94470	6.031	ppbV #	100
20) acetonitrile	2.432	41	14103	1.374	ppbV	86
21) trichlorofluoromethane	2.551	101	45706	1.191	ppbV	98
22) isopropyl alcohol	2.568	45	53785	3.169	ppbV	98
23) acrylonitrile	2.630	53	12853	1.079	ppbV	95
24) pentane	2.653	43	23955	1.060	ppbV	96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262659.D
Acq On : 03 Apr 2025 03:47 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD1.0
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 03 12:16:06 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	2.659	31	12311	1.247	ppbV		98
26) 1,1-dichloroethene	2.726	61	24527	1.008	ppbV		98
27) tertiary butyl alcohol	2.740	59	31272	1.196	ppbV		98
28) methylene chloride	2.759	49	16141	1.240	ppbV		93
29) 3-chloropropene	2.798	41	15913	1.184	ppbV		95
30) carbon disulfide	2.845	76	47966	1.167	ppbV	#	74
31) Freon 113	2.845	101	39163	1.170	ppbV		99
32) trans-1,2-dichloroethene	3.062	61	22176	1.149	ppbV		94
33) 1,1-dichloroethane	3.133	63	30126	1.164	ppbV		95
34) MTBE	3.164	73	47448	1.169	ppbV		96
35) vinyl acetate	3.195	43	32526	1.224	ppbV		96
36) 2-butanone	3.283	43	29126	1.156	ppbV		96
37) cis-1,2-dichloroethene	3.448	61	25156	1.144	ppbV		98
38) Ethyl Acetate	3.568	61	6935M6	1.081	ppbV		
39) chloroform	3.560	83	42273	1.184	ppbV		96
40) Tetrahydrofuran	3.739	42	17108M6	1.378	ppbV		
41) 2,2-dichloropropane	3.575	77	34210	1.152	ppbV		95
42) 1,2-dichloroethane	3.868	62	24056	1.164	ppbV		99
44) hexane	3.545	57	30070	1.259	ppbV	#	59
45) diisopropyl ether	3.553	87	22544	1.126	ppbV		99
46) tert-butyl ethyl ether	3.778	59	64898	1.316	ppbV		97
48) 1,1,1-trichloroethane	3.982	97	41923	1.126	ppbV		97
49) 1,1-dichloropropene	4.120	75	31594	0.983	ppbV		96
50) benzene	4.186	78	67805	1.173	ppbV		99
51) thiophene	4.233	84	51460	0.898	ppbV		97
52) carbon tetrachloride	4.252	117	44663	1.157	ppbV		97
53) cyclohexane	4.308	56	28284	1.157	ppbV		97
54) tert-amyl methyl ether	4.488	73	58648	1.109	ppbV		98
55) dibromomethane	4.544	93	25811	1.160	ppbV		95
56) 1,2-dichloropropane	4.563	63	22802	1.194	ppbV		88
57) bromodichloromethane	4.657	83	41687	1.086	ppbV		98
58) 1,4-dioxane	4.695	88	14114	1.135	ppbV		91
59) trichloroethene	4.686	130	35351	1.179	ppbV		92
60) 2,2,4-trimethylpentane	4.723	57	88704	1.187	ppbV		98
61) methyl methacrylate	4.817	41	21565	1.166	ppbV		97
62) heptane	4.865	43	26402	1.123	ppbV		98
63) cis-1,3-dichloropropene	5.111	75	34113	1.081	ppbV		97
64) 4-methyl-2-pentanone	5.151	43	35195	1.125	ppbV		96
65) trans-1,3-dichloropropene	5.375	75	27397	1.088	ppbV		96
66) 1,1,2-trichloroethane	5.446	97	28123	1.079	ppbV		98

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262659.D
Acq On : 03 Apr 2025 03:47 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD1.0
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 03 12:16:06 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.590	91	83604	1.137	ppbV		98
70) 2-methylthiophene	5.614	97	77534	0.875	ppbV		100
71) 1,3-dichloropropane	5.606	76	36925	1.138	ppbV		99
72) 2-hexanone	5.758	43	31981	1.075	ppbV		98
73) 3-methylthiophene	5.702	97	81923	0.871	ppbV		95
74) dibromochloromethane	5.782	129	45966	1.062	ppbV		99
75) 1,2-dibromoethane	5.901	107	45272	1.143	ppbV		95
76) butyl acetate	6.093	73	9626	1.064	ppbV		99
77) octane	6.133	85	28473	1.188	ppbV		97
78) tetrachloroethene	6.141	166	43875	1.163	ppbV		97
79) 1,1,1,2-tetrachloroethane	6.467	131	34497	1.091	ppbV		95
80) chlorobenzene	6.472	112	69406	1.132	ppbV		98
81) ethylbenzene	6.674	91	107213	1.128	ppbV		98
82) 2-ethylthiophene	6.690	97	89438	0.840	ppbV		100
83) m+p-xylene	6.767	91	173748	2.330	ppbV		99
84) bromoform	6.761	173	44473	1.025	ppbV		97
85) styrene	6.941	104	65988	1.087	ppbV		98
86) 1,1,2,2-tetrachloroethane	6.982	83	60596	1.138	ppbV		100
87) o-xylene	6.988	91	83990	1.167	ppbV		93
88) 1,2,3-trichloropropane	7.052	75	42200	1.110	ppbV		99
89) nonane	7.156	43	39887	1.116	ppbV		98
91) isopropylbenzene	7.296	105	120291	1.138	ppbV		99
92) bromobenzene	7.308	77	54673M6	0.880	ppbV		
93) 2-chlorotoluene	7.519	126	32906	1.130	ppbV		100
94) n-propylbenzene	7.558	120	36580	1.162	ppbV		97
95) 4-chlorotoluene	7.558	126	32611	1.111	ppbV	#	16
96) 4-ethyl toluene	7.638	105	116981	1.112	ppbV		99
97) 1,3,5-trimethylbenzene	7.686	105	99371	1.117	ppbV		98
98) tert-butylbenzene	7.894	119	114943	1.155	ppbV		98
99) 1,2,4-trimethylbenzene	7.894	105	103788	1.148	ppbV	#	78
100) decane	8.005	57	55413	1.157	ppbV		93
101) Benzyl Chloride	7.958	91	73155	0.978	ppbV		99
102) 1,3-dichlorobenzene	7.958	146	75352	1.131	ppbV		96
103) 1,4-dichlorobenzene	7.997	146	76162	1.145	ppbV		97
104) sec-butylbenzene	8.045	105	154772	1.168	ppbV		100
105) 1,2,3-trimethylbenzene	8.125	105	110227	1.140	ppbV		98
106) p-isopropyltoluene	8.141	119	130795M6	1.022	ppbV		
107) 1,2-dichlorobenzene	8.181	146	72094	1.102	ppbV		99
108) n-butylbenzene	8.381	91	116699	1.111	ppbV		98
109) indan	8.221	117	96533	1.229	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262659.D
Acq On : 03 Apr 2025 03:47 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD1.0
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 03 12:16:06 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

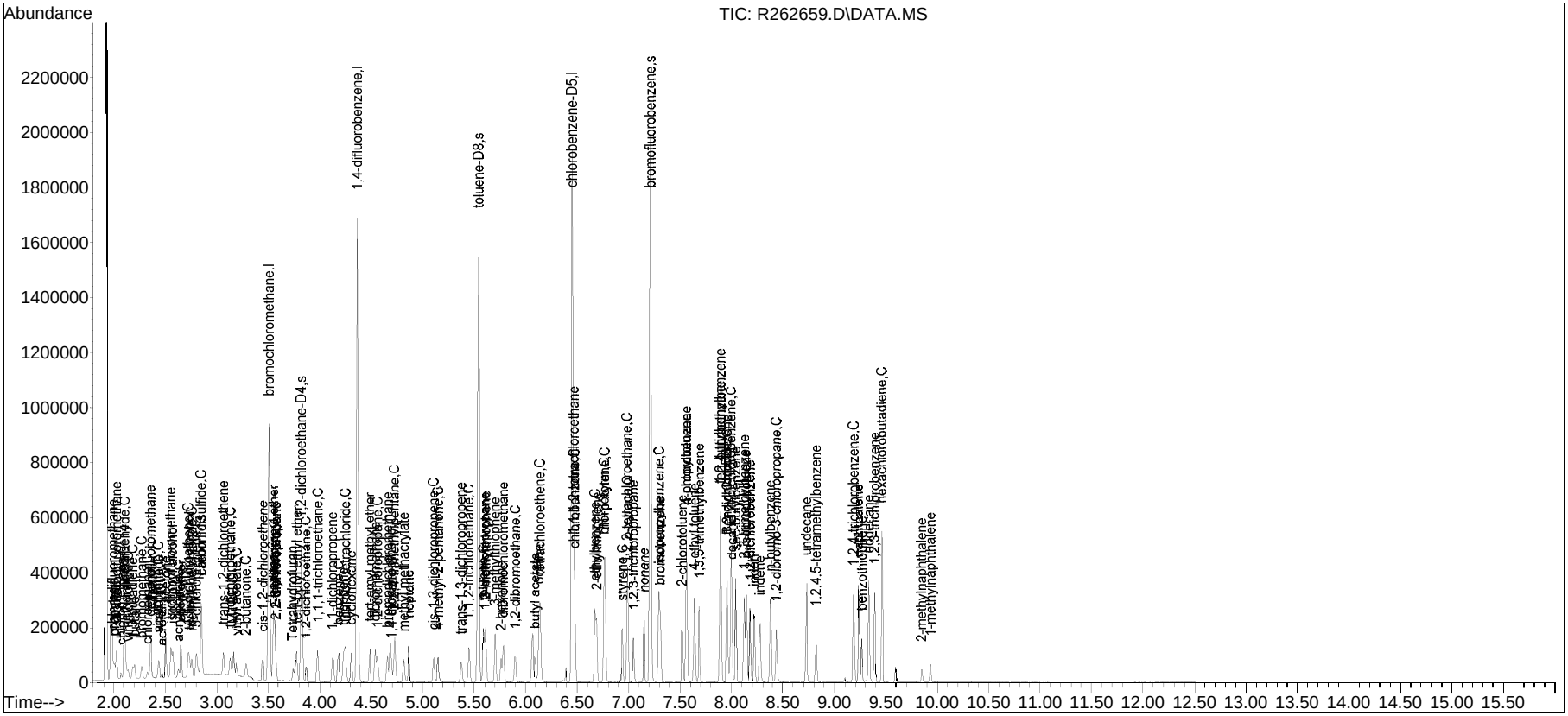
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	8.277	115	75473	1.181	ppbV		96
111) 1,2-dibromo-3-chloropr...	8.437	75	26507	0.997	ppbV		98
112) undecane	8.732	57	66209	1.087	ppbV		99
113) 1,2,4,5-tetramethylben...	8.820	119	51952	0.816	ppbV		98
114) dodecane	9.339	57	66560	0.877	ppbV		97
115) 1,2,4-trichlorobenzene	9.187	180	69108	1.060	ppbV		97
116) naphthalene	9.233	128	178163	1.170	ppbV		99
117) 1,2,3-trichlorobenzene	9.391	180	62564	0.899	ppbV		98
118) benzothiophene	9.269	134	75518	0.886	ppbV		99
119) hexachlorobutadiene	9.461	225	61512	1.178	ppbV	#	90
120) 2-methylnaphthalene	9.847	142	14727	0.894	ppbV		93
121) 1-methylnaphthalene	9.935	142	19240	0.936	ppbV		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed4\0402T_I\R262661.D

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262659.D
Acq On : 03 Apr 2025 03:47 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD1.0
Misc : WG2049329
ALS Vial : 6 Sample Multiplier: 1

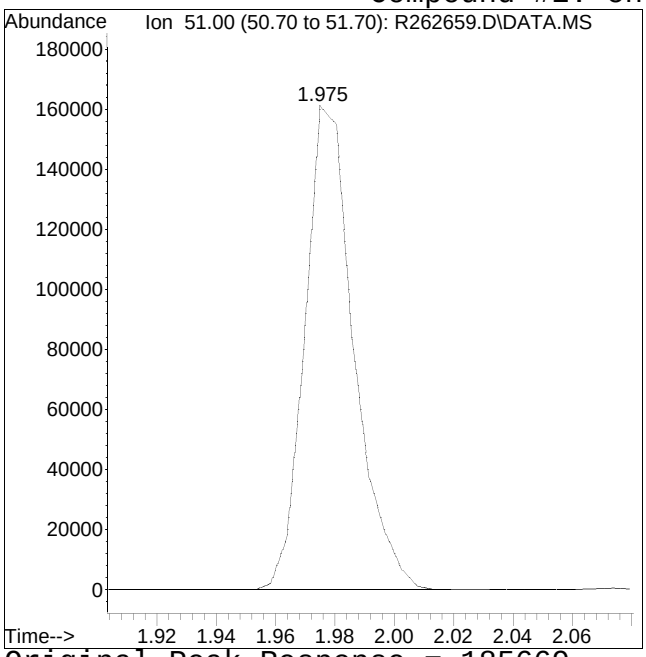
Quant Time: Apr 03 12:16:06 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration



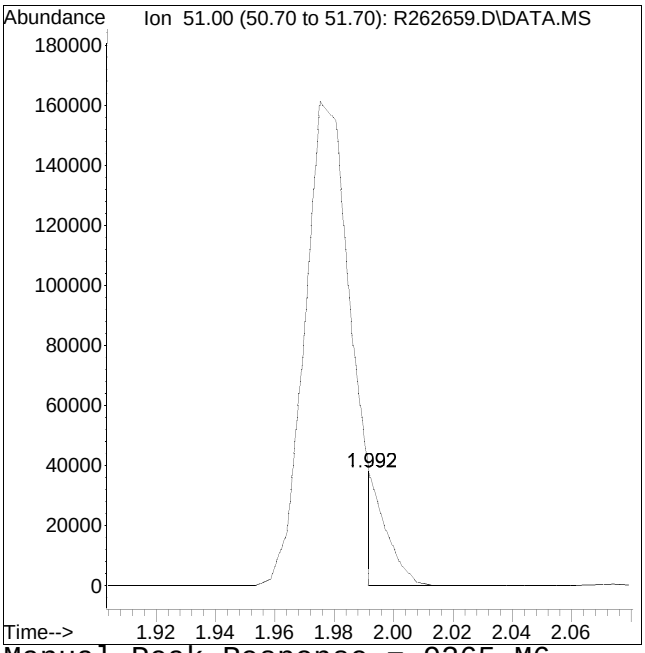
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262659.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:47 am Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 4/3/2025 12:16 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 185669



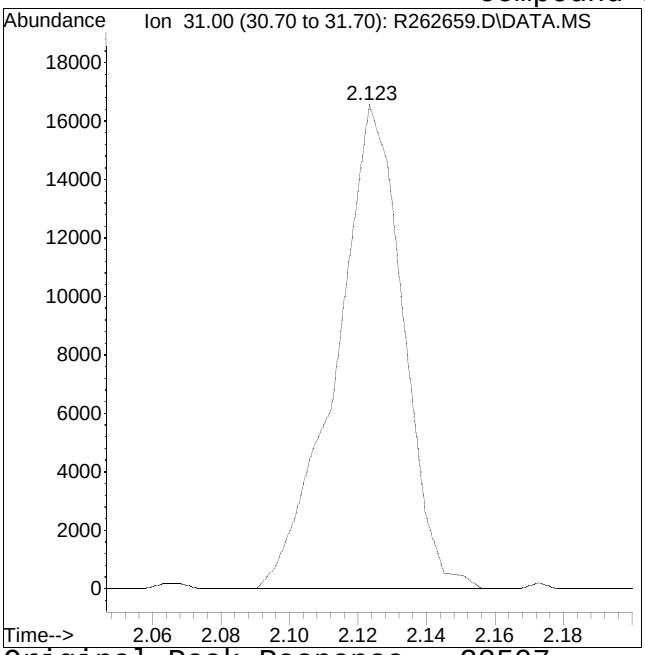
Manual Peak Response = 9265 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

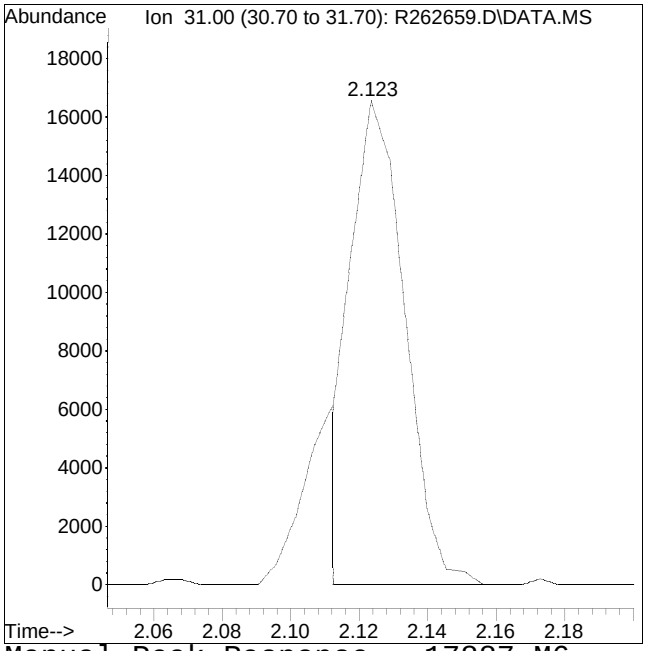
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262659.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:47 am Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 4/3/2025 12:16 pm

Compound #8: methanol



Original Peak Response = 22507



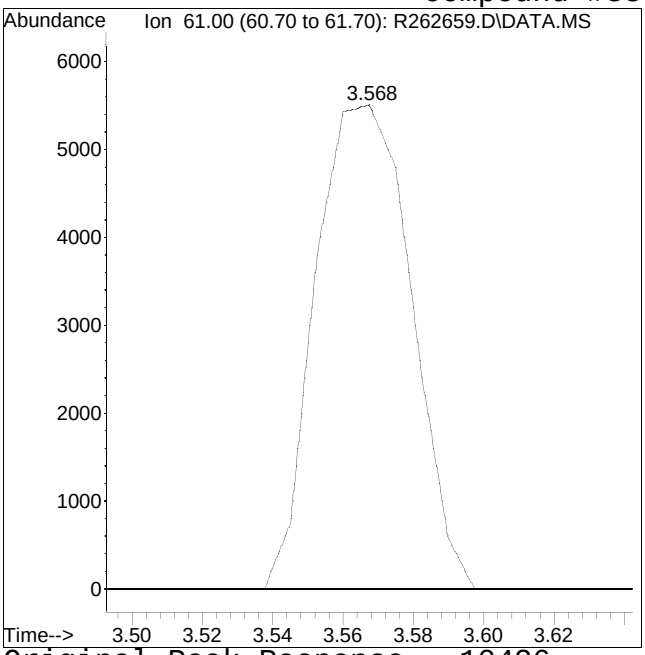
Manual Peak Response = 17887 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

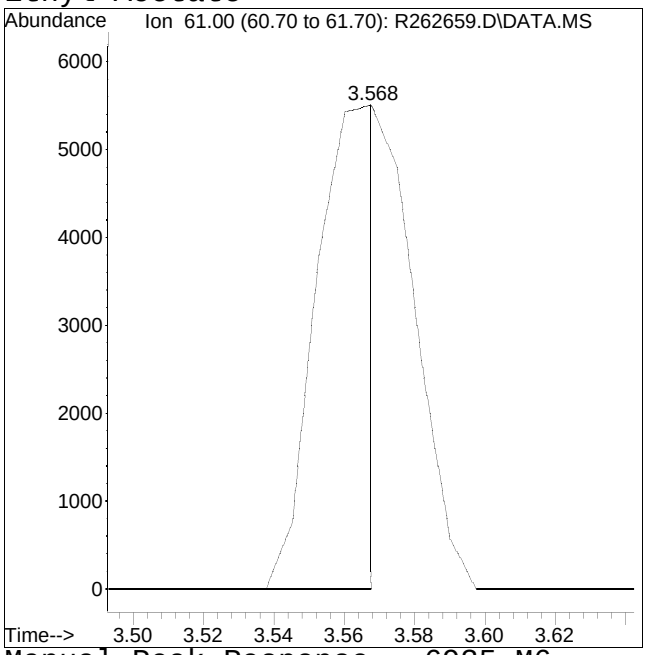
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262659.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:47 am Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 4/3/2025 12:16 pm

Compound #38: Ethyl Acetate



Original Peak Response = 10426



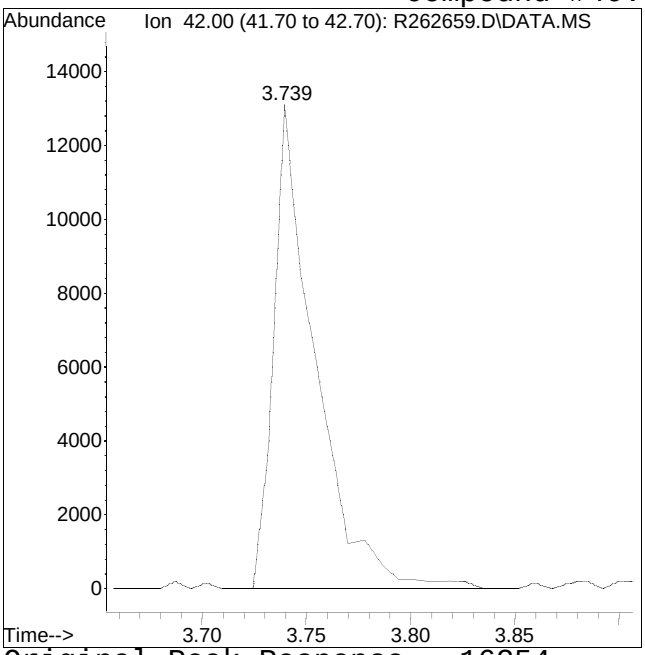
Manual Peak Response = 6935 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

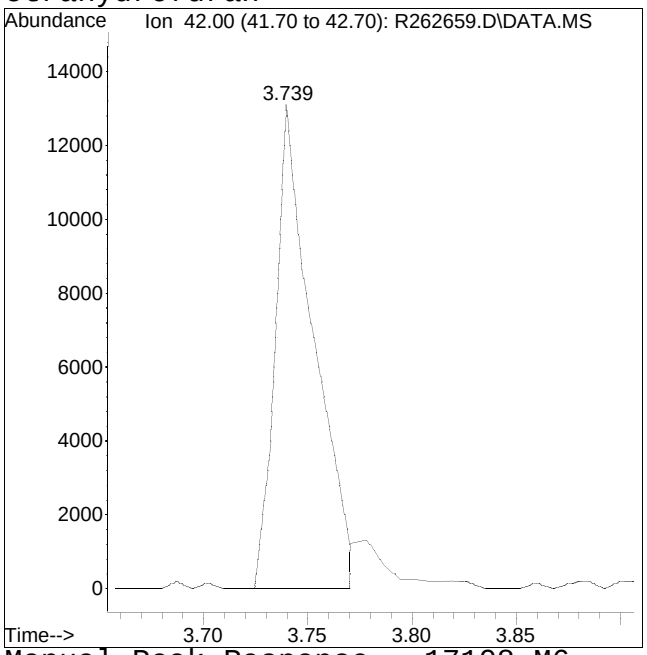
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262659.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:47 am Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 4/3/2025 12:16 pm

Compound #40: Tetrahydrofuran



Original Peak Response = 16254



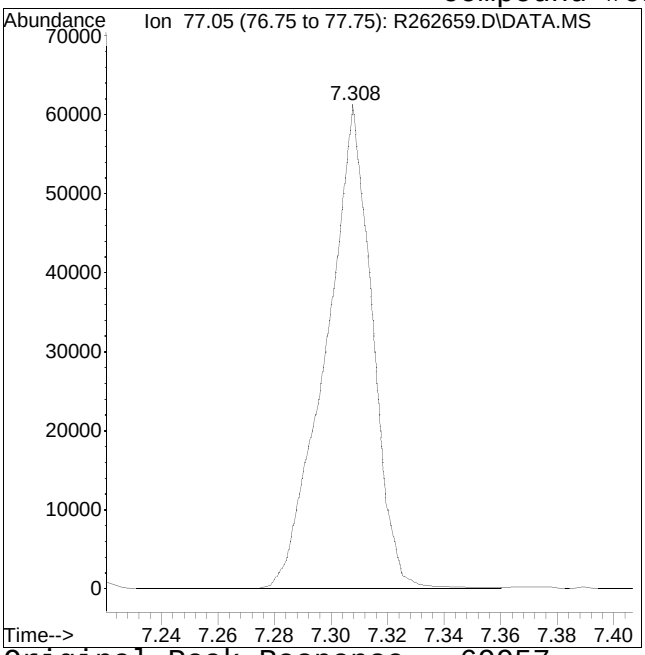
Manual Peak Response = 17108 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

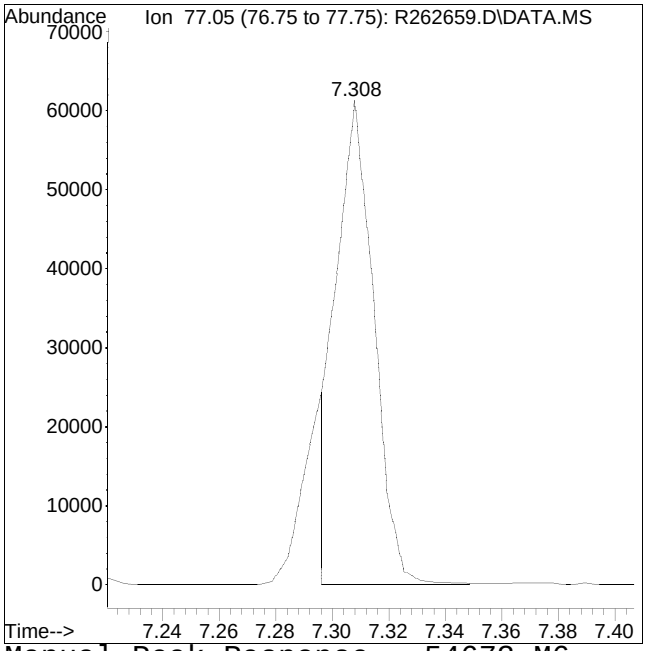
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262659.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:47 am Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 4/3/2025 12:16 pm

Compound #92: bromobenzene



Original Peak Response = 69957



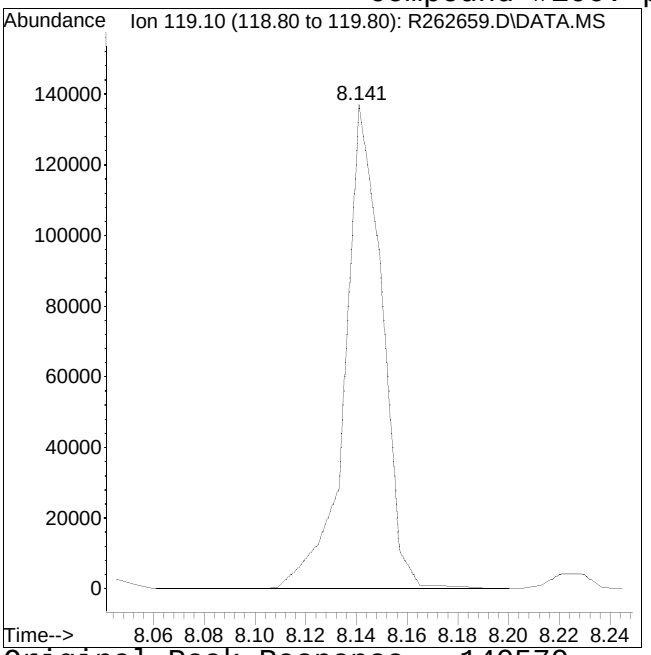
Manual Peak Response = 54673 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

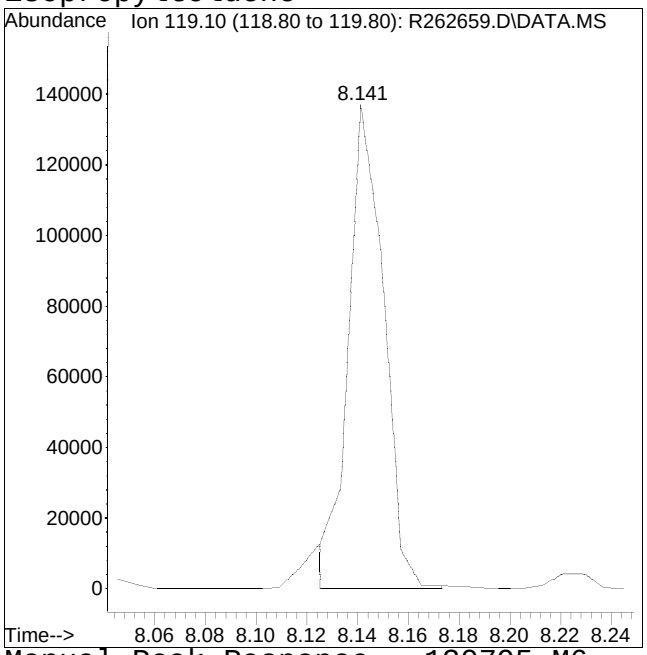
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262659.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:47 am Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 4/3/2025 12:16 pm

Compound #106: p-isopropyltoluene



Original Peak Response = 140570



Manual Peak Response = 130795 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262660.D
Acq On : 03 Apr 2025 04:21 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD5.0
Misc : WG2049329
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 03 12:16:15 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	196652	10.000	ppbV	0.00
Standard Area = 193196			Recovery = 101.79%			
43) 1,4-difluorobenzene	4.365	114	852892	10.000	ppbV	0.00
Standard Area = 834490			Recovery = 102.21%			
67) chlorobenzene-D5	6.449	54	104147	10.000	ppbV	0.00
Standard Area = 100761			Recovery = 103.36%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.819	65	193850	9.706	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.06%			
69) toluene-D8	5.541	98	702092	9.669	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.69%			
90) bromofluorobenzene	7.214	95	423869	9.740	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.40%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.991	51	39719M6	4.466	ppbV	
3) propylene	2.002	41	54876	5.057	ppbV	93
4) propane	2.008	29	32534	5.282	ppbV #	64
5) dichlorodifluoromethane	2.024	85	202882	4.969	ppbV	100
6) chloromethane	2.074	50	58589	4.959	ppbV	99
7) Freon-114	2.107	85	213416	5.018	ppbV	98
8) methanol	2.123	31	64573M6	24.529	ppbV	
9) vinyl chloride	2.145	62	75021	5.035	ppbV	100
10) 1,3-butadiene	2.189	54	51527	5.063	ppbV	100
11) butane	2.206	43	86244	5.051	ppbV	97
12) acetaldehyde	2.112	29	126736	25.193	ppbV	99
13) bromomethane	2.272	94	78994	5.020	ppbV	98
14) chloroethane	2.327	64	41124	4.927	ppbV	93
15) ethanol	2.359	31	164405	26.201	ppbV	99
16) dichlorofluoromethane	2.354	67	176257	5.048	ppbV	98
17) vinyl bromide	2.432	106	80287	5.027	ppbV	96
18) acrolein	2.466	56	31177	4.787	ppbV	95
19) acetone	2.500	43	383742	25.084	ppbV	99
20) acetonitrile	2.426	41	56137	5.601	ppbV	99
21) trichlorofluoromethane	2.551	101	184214	4.916	ppbV	96
22) isopropyl alcohol	2.568	45	221362	13.356	ppbV	99
23) acrylonitrile	2.630	53	52502	4.513	ppbV	98
24) pentane	2.653	43	96342	4.367	ppbV	99

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262660.D
Acq On : 03 Apr 2025 04:21 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD5.0
Misc : WG2049329
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 03 12:16:15 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	2.653	31	50689	5.257	ppbV	93
26) 1,1-dichloroethene	2.727	61	121537	5.114	ppbV	97
27) tertiary butyl alcohol	2.736	59	141841	5.557	ppbV	99
28) methylene chloride	2.760	49	64495	5.073	ppbV	99
29) 3-chloropropene	2.798	41	64975	4.952	ppbV	99
30) carbon disulfide	2.846	76	200517	4.995	ppbV	97
31) Freon 113	2.846	101	160872	4.921	ppbV	99
32) trans-1,2-dichloroethene	3.062	61	93120	4.942	ppbV	97
33) 1,1-dichloroethane	3.129	63	125379	4.960	ppbV	97
34) MTBE	3.160	73	199266	5.028	ppbV	100
35) vinyl acetate	3.191	43	126361	4.867	ppbV	98
36) 2-butanone	3.279	43	137576	5.590	ppbV	99
37) cis-1,2-dichloroethene	3.441	61	105707	4.921	ppbV	97
38) Ethyl Acetate	3.553	61	30097M6	4.804	ppbV	
39) chloroform	3.561	83	171744	4.927	ppbV	99
40) Tetrahydrofuran	3.732	42	58895M6	4.859	ppbV	
41) 2,2-dichloropropane	3.576	77	141123	4.866	ppbV	99
42) 1,2-dichloroethane	3.868	62	100112	4.961	ppbV	98
44) hexane	3.546	57	113712	4.865	ppbV	99
45) diisopropyl ether	3.553	87	95927	4.899	ppbV	97
46) tert-butyl ethyl ether	3.771	59	241133	4.998	ppbV	99
48) 1,1,1-trichloroethane	3.982	97	173750	4.772	ppbV	97
49) 1,1-dichloropropene	4.120	75	132314	4.207	ppbV	96
50) benzene	4.186	78	274921	4.862	ppbV	100
51) thiophene	4.234	84	271247	4.841	ppbV	99
52) carbon tetrachloride	4.252	117	177659	4.704	ppbV	98
53) cyclohexane	4.309	56	117175	4.902	ppbV	99
54) tert-amyl methyl ether	4.488	73	255424	4.939	ppbV	97
55) dibromomethane	4.545	93	106958	4.916	ppbV	100
56) 1,2-dichloropropane	4.563	63	93299	4.994	ppbV	96
57) bromodichloromethane	4.658	83	175236	4.667	ppbV	99
58) 1,4-dioxane	4.686	88	61323	5.041	ppbV	93
59) trichloroethene	4.686	130	143475	4.890	ppbV	99
60) 2,2,4-trimethylpentane	4.724	57	368747	5.043	ppbV	99
61) methyl methacrylate	4.808	41	84319	4.661	ppbV	97
62) heptane	4.865	43	111575	4.852	ppbV	99
63) cis-1,3-dichloropropene	5.110	75	150944	4.892	ppbV	98
64) 4-methyl-2-pentanone	5.142	43	147930	4.835	ppbV	99
65) trans-1,3-dichloropropene	5.374	75	116197	4.719	ppbV	99
66) 1,1,2-trichloroethane	5.445	97	121676	4.772	ppbV	99

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262660.D
Acq On : 03 Apr 2025 04:21 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD5.0
Misc : WG2049329
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 03 12:16:15 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	5.589	91	352977	4.792	ppbV	100
70) 2-methylthiophene	5.613	97	428327	4.827	ppbV	99
71) 1,3-dichloropropane	5.605	76	158679	4.884	ppbV	98
72) 2-hexanone	5.749	43	138567	4.650	ppbV	98
73) 3-methylthiophene	5.701	97	456884	4.850	ppbV	99
74) dibromochloromethane	5.781	129	202471	4.673	ppbV	98
75) 1,2-dibromoethane	5.892	107	188349	4.749	ppbV	98
76) butyl acetate	6.092	73	42011	4.636	ppbV	90
77) octane	6.132	85	112668	4.696	ppbV	98
78) tetrachloroethene	6.140	166	190757	5.052	ppbV	97
79) 1,1,1,2-tetrachloroethane	6.466	131	148967	4.705	ppbV	98
80) chlorobenzene	6.471	112	295177	4.807	ppbV	98
81) ethylbenzene	6.673	91	461011	4.843	ppbV	99
82) 2-ethylthiophene	6.689	97	518935	4.865	ppbV	98
83) m+p-xylene	6.766	91	719307	9.633	ppbV	100
84) bromoform	6.766	173	201466	4.635	ppbV	99
85) styrene	6.940	104	286549	4.713	ppbV	100
86) 1,1,2,2-tetrachloroethane	6.981	83	260221	4.879	ppbV	99
87) o-xylene	6.987	91	355085	4.925	ppbV	99
88) 1,2,3-trichloropropane	7.045	75	181289	4.762	ppbV	99
89) nonane	7.156	43	166750	4.660	ppbV	98
91) isopropylbenzene	7.295	105	501451	4.737	ppbV	97
92) bromobenzene	7.307	77	235601M6	3.785	ppbV	
93) 2-chlorotoluene	7.515	126	138928	4.763	ppbV	99
94) n-propylbenzene	7.555	120	150932	4.787	ppbV	88
95) 4-chlorotoluene	7.563	126	143549	4.884	ppbV	94
96) 4-ethyl toluene	7.635	105	508415	4.826	ppbV	99
97) 1,3,5-trimethylbenzene	7.683	105	427536	4.799	ppbV	100
98) tert-butylbenzene	7.891	119	484768	4.866	ppbV	99
99) 1,2,4-trimethylbenzene	7.899	105	437380	4.830	ppbV	99
100) decane	8.002	57	232439	4.847	ppbV	99
101) Benzyl Chloride	7.954	91	339297	4.530	ppbV	100
102) 1,3-dichlorobenzene	7.954	146	319440	4.790	ppbV	99
103) 1,4-dichlorobenzene	7.994	146	324436	4.872	ppbV	99
104) sec-butylbenzene	8.042	105	650515	4.902	ppbV	99
105) 1,2,3-trimethylbenzene	8.122	105	468702	4.842	ppbV	99
106) p-isopropyltoluene	8.138	119	538672M6	4.203	ppbV	
107) 1,2-dichlorobenzene	8.178	146	309257	4.722	ppbV	98
108) n-butylbenzene	8.386	91	503429	4.785	ppbV	93
109) indan	8.226	117	375410	4.774	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262660.D
Acq On : 03 Apr 2025 04:21 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD5.0
Misc : WG2049329
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 03 12:16:15 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

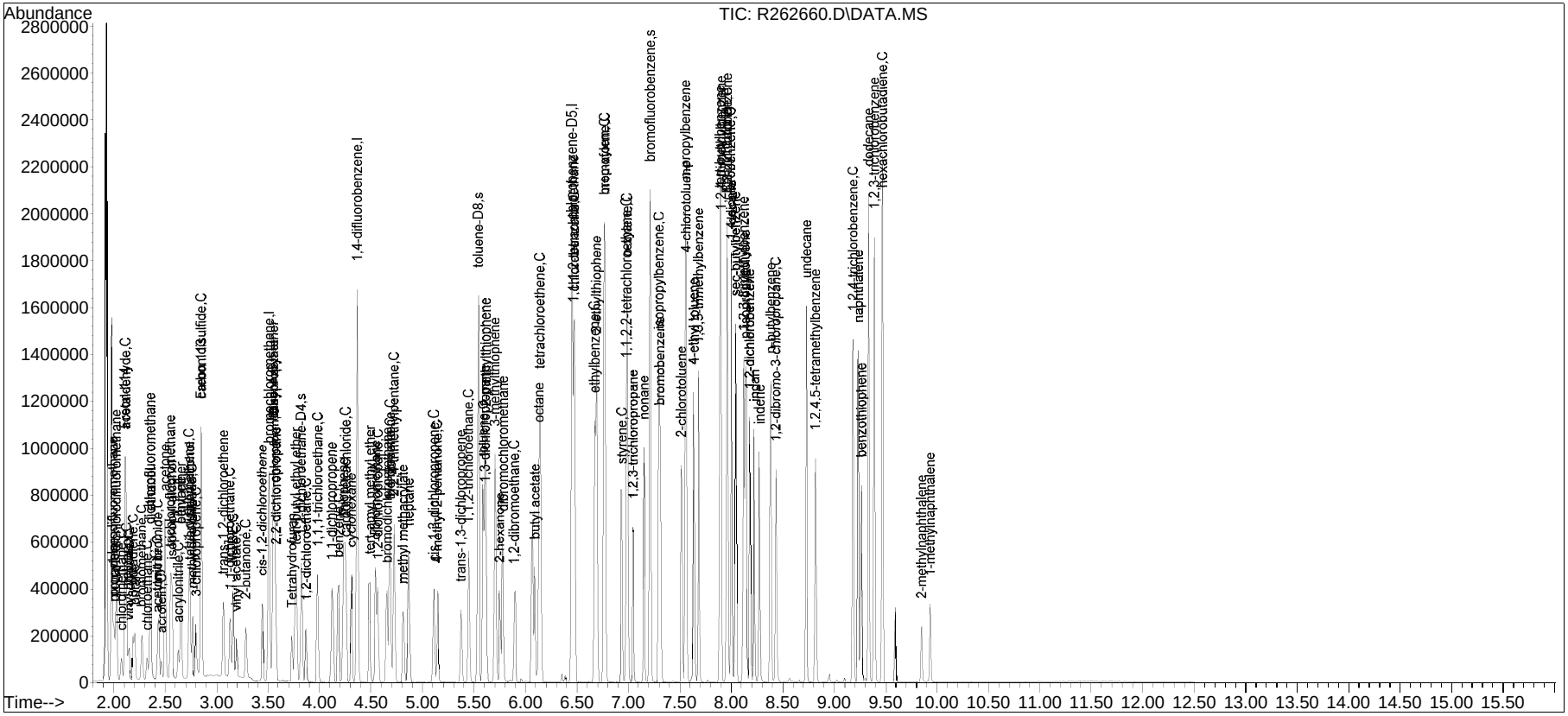
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.274	115	309081	4.831	ppbV	98
111) 1,2-dibromo-3-chloropr...	8.433	75	121983	4.581	ppbV	94
112) undecane	8.729	57	288800	4.735	ppbV	99
113) 1,2,4,5-tetramethylben...	8.817	119	292814	4.590	ppbV	98
114) dodecane	9.336	57	354202	4.660	ppbV	99
115) 1,2,4-trichlorobenzene	9.184	180	306251	4.691	ppbV	99
116) naphthalene	9.236	128	698405	4.580	ppbV	99
117) 1,2,3-trichlorobenzene	9.388	180	347302	4.982	ppbV	97
118) benzothiophene	9.265	134	378211	4.429	ppbV	99
119) hexachlorobutadiene	9.464	225	257360	4.920	ppbV	99
120) 2-methylnaphthalene	9.850	142	69384	4.208	ppbV	99
121) 1-methylnaphthalene	9.932	142	91559	4.450	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed4\0402T_I\R262661.D

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262660.D
Acq On : 03 Apr 2025 04:21 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD5.0
Misc : WG2049329
ALS Vial : 7 Sample Multiplier: 1

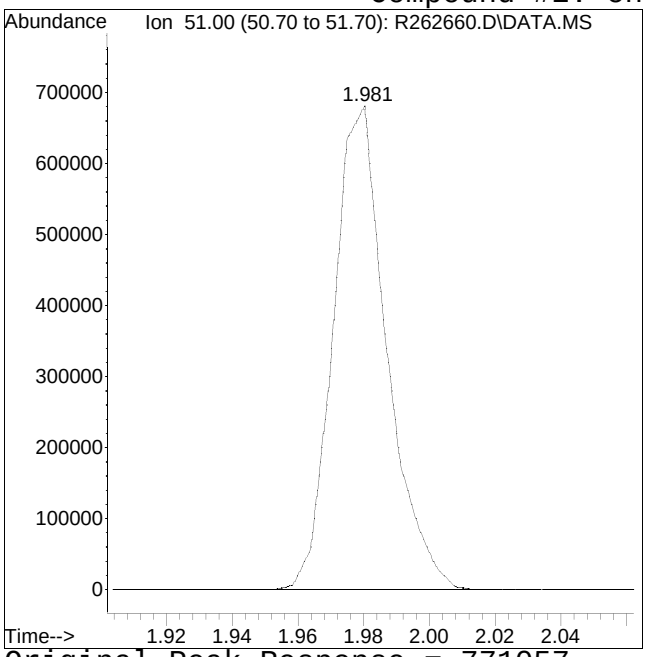
Quant Time: Apr 03 12:16:15 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration



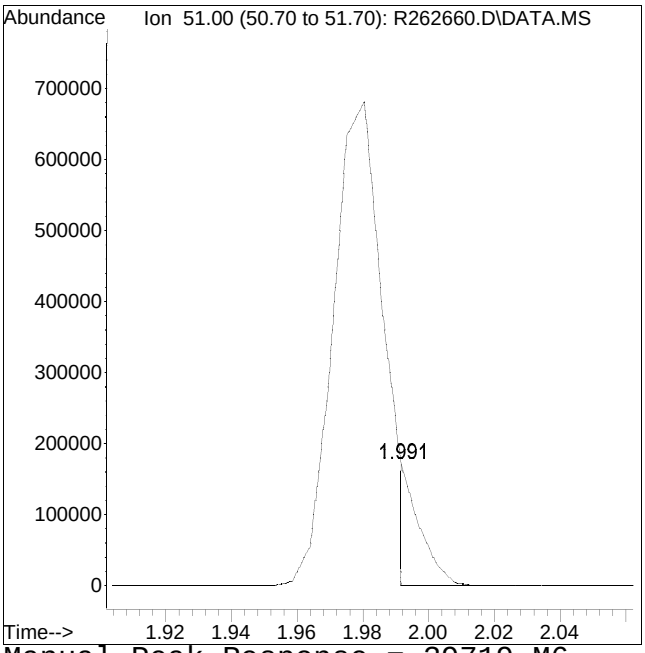
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262660.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 4:21 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 4/3/2025 12:16 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 771057



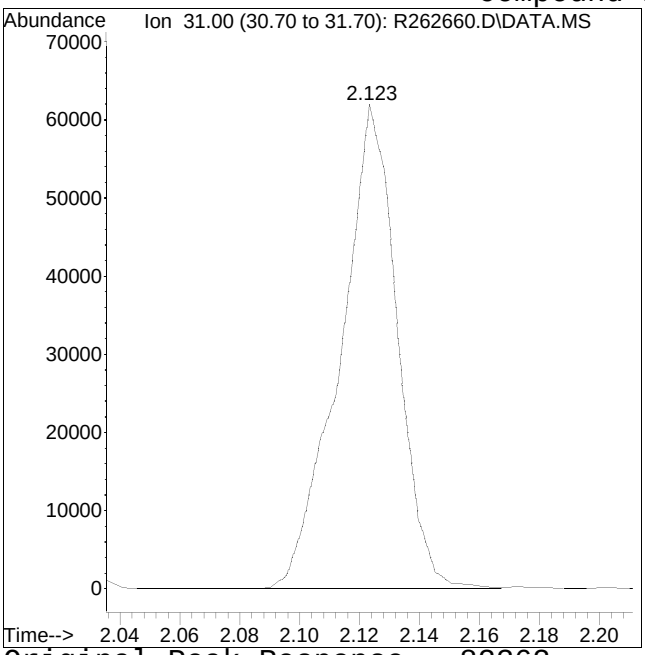
Manual Peak Response = 39719 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

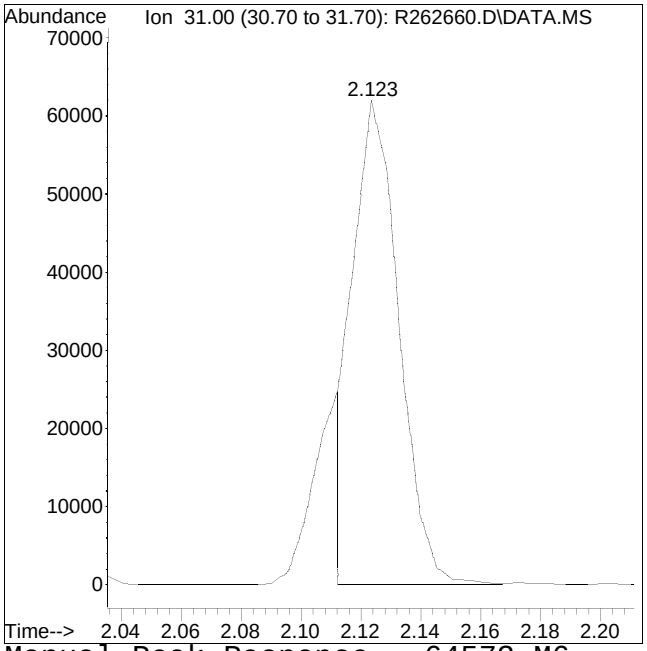
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262660.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 4:21 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 4/3/2025 12:16 pm

Compound #8: methanol



Original Peak Response = 82362



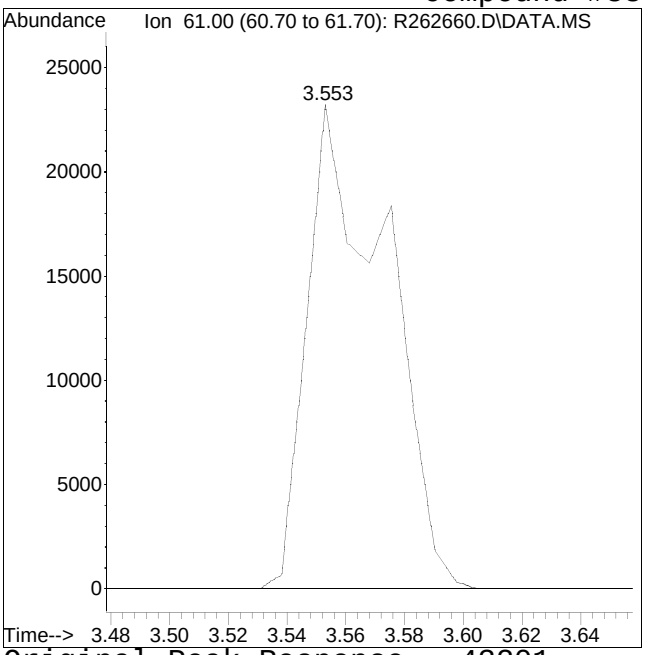
Manual Peak Response = 64573 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

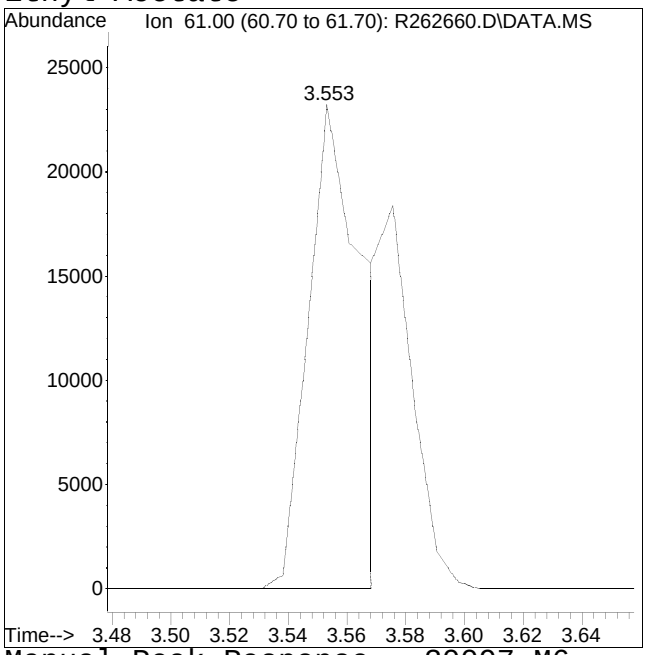
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262660.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 4:21 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 4/3/2025 12:16 pm

Compound #38: Ethyl Acetate



Original Peak Response = 43201



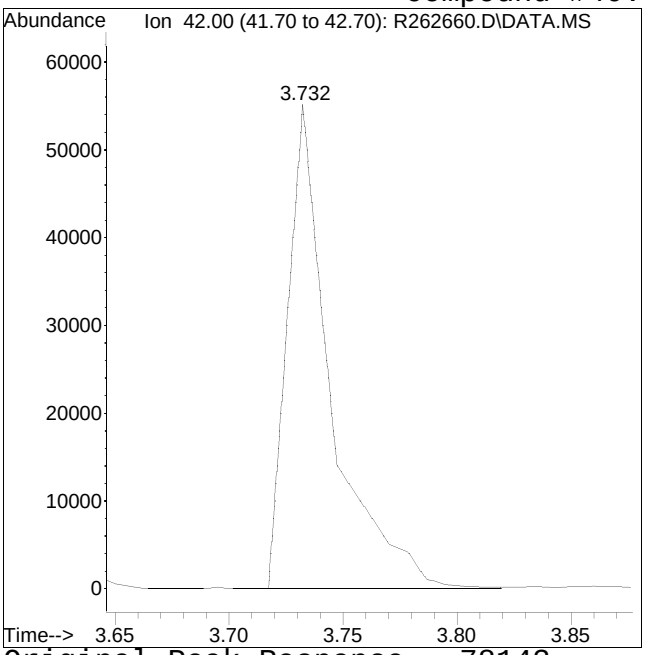
Manual Peak Response = 30097 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

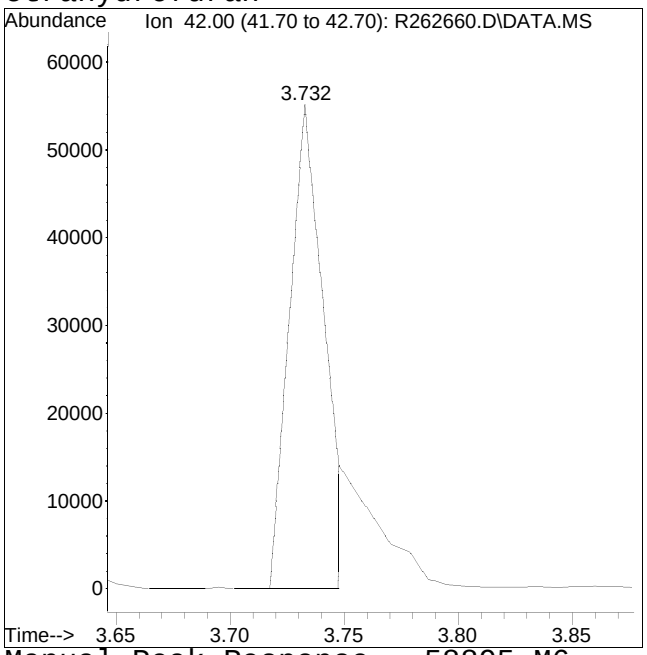
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262660.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 4:21 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 4/3/2025 12:16 pm

Compound #40: Tetrahydrofuran



Original Peak Response = 78143



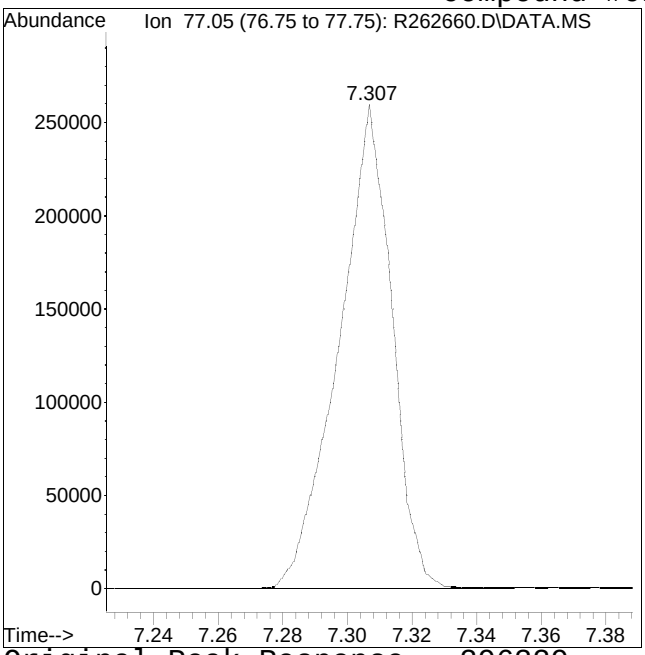
Manual Peak Response = 58895 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

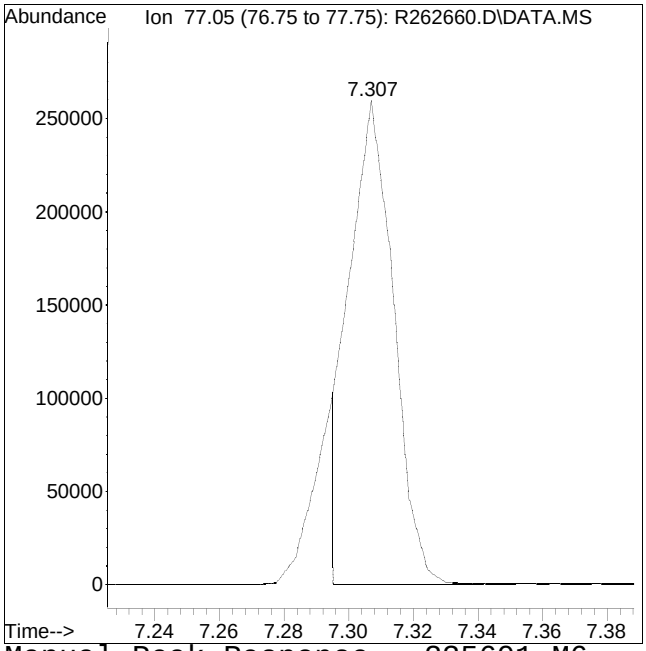
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262660.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 4:21 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 4/3/2025 12:16 pm

Compound #92: bromobenzene



Original Peak Response = 296329



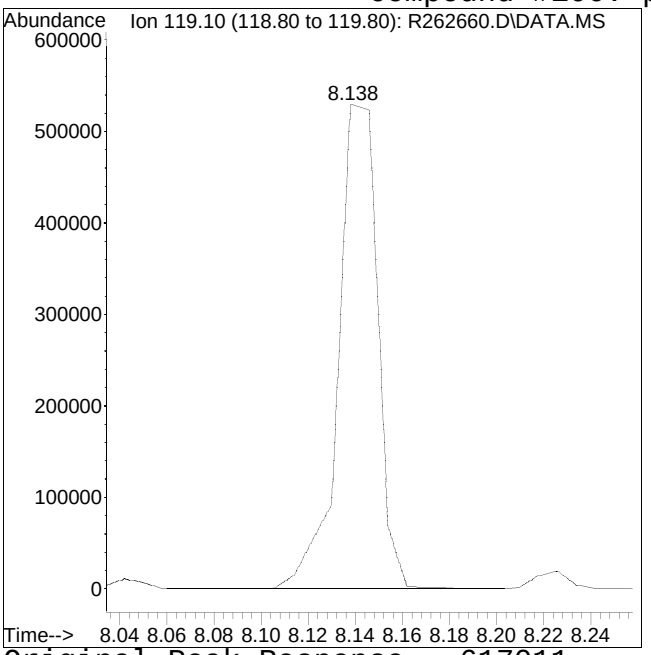
Manual Peak Response = 235601 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

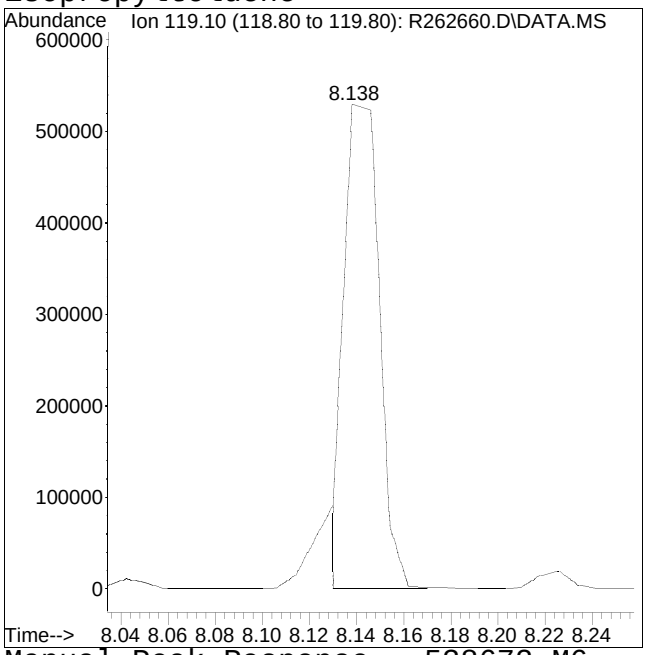
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262660.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 4:21 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 4/3/2025 12:16 pm

Compound #106: p-isopropyltoluene



Original Peak Response = 617011



Manual Peak Response = 538672 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262661.D
Acq On : 03 Apr 2025 04:57 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD010
Misc : WG2049329
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 03 12:07:05 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 17 14:24:08 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	193196	10.000	ppbV	# 0.00
Standard Area = 193196			Recovery = 100.00%			
43) 1,4-difluorobenzene	4.365	114	834490	10.000	ppbV	0.00
Standard Area = 834490			Recovery = 100.00%			
67) chlorobenzene-D5	6.449	54	100761	10.000	ppbV	# 0.00
Standard Area = 100761			Recovery = 100.00%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.819	65	195409	7.351	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 73.51%			
69) toluene-D8	5.541	98	702548	12.757	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 127.57%			
90) bromofluorobenzene	7.214	95	421041	12.629	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 126.29%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.991	51	87364M6	13.571	ppbV	
3) propylene	2.002	41	106614	24.323	ppbV	90
4) propane	2.013	29	60510	18.907	ppbV	93
5) dichlorodifluoromethane	2.024	85	401099	11.713	ppbV	99
6) chloromethane	2.074	50	116080	9.743	ppbV	97
7) Freon-114	2.107	85	417815	9.128	ppbV	96
8) methanol	2.123	31	129312M6	42.042	ppbV	
9) vinyl chloride	2.145	62	146376	9.511	ppbV	97
10) 1,3-butadiene	2.189	54	99985	10.947	ppbV	89
11) butane	2.206	43	167747	9.127	ppbV	95
12) acetaldehyde	2.112	29	247105	32.477	ppbV #	76
13) bromomethane	2.272	94	154593	9.547	ppbV	100
14) chloroethane	2.327	64	82004	9.175	ppbV	96
15) ethanol	2.359	31	308221	35.262	ppbV	86
16) dichlorofluoromethane	2.354	67	343059	8.386	ppbV #	98
17) vinyl bromide	2.438	106	156898	8.650	ppbV	94
18) acrolein	2.466	56	63989	7.846	ppbV #	87
19) acetone	2.500	43	751473	32.695	ppbV #	87
20) acetonitrile	2.432	41	98461	6.880	ppbV	96
21) trichlorofluoromethane	2.557	101	368112	6.135	ppbV	99
22) isopropyl alcohol	2.568	45	407071	14.794	ppbV #	97
23) acrylonitrile	2.630	53	114300	6.354	ppbV	97
24) pentane	2.653	43	216738	5.767	ppbV #	94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262661.D
Acq On : 03 Apr 2025 04:57 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD010
Misc : WG2049329
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 03 12:07:05 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 17 14:24:08 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	2.658	31	94728	5.057	ppbV	#	73
26) 1,1-dichloroethene	2.727	61	233498	5.408	ppbV	#	88
27) tertiary butyl alcohol	2.736	59	250770	5.138	ppbV	#	90
28) methylene chloride	2.760	49	124899	4.973	ppbV	#	75
29) 3-chloropropene	2.798	41	128905	5.749	ppbV	#	83
30) carbon disulfide	2.846	76	394402	7.016	ppbV	#	87
31) Freon 113	2.846	101	321158	6.353	ppbV		94
32) trans-1,2-dichloroethene	3.062	61	185108	6.096	ppbV	#	82
33) 1,1-dichloroethane	3.133	63	248331	5.612	ppbV		100
34) MTBE	3.160	73	389325	6.738	ppbV		95
35) vinyl acetate	3.195	43	255052	6.308	ppbV	#	88
36) 2-butanone	3.279	43	241770	11.325	ppbV		95
37) cis-1,2-dichloroethene	3.449	61	211015	11.285	ppbV		90
38) Ethyl Acetate	3.553	61	61544M5	13.936	ppbV		
39) chloroform	3.568	83	342424	10.581	ppbV	#	97
40) Tetrahydrofuran	3.732	42	119083M6	11.644	ppbV		
41) 2,2-dichloropropane	3.576	77	284904	11.393	ppbV	#	86
42) 1,2-dichloroethane	3.868	62	198247	9.593	ppbV		99
44) hexane	3.546	57	228678	10.423	ppbV		85
45) diisopropyl ether	3.553	87	191584	9.980	ppbV		81
46) tert-butyl ethyl ether	3.770	59	472092	9.373	ppbV		99
48) 1,1,1-trichloroethane	3.982	97	356260	8.462	ppbV		91
49) 1,1-dichloropropene	4.120	75	307715	10.146	ppbV		94
50) benzene	4.186	78	553267	9.974	ppbV		99
51) thiophene	4.234	84	548201	8.700	ppbV	#	90
52) carbon tetrachloride	4.252	117	369551	8.617	ppbV		98
53) cyclohexane	4.309	56	233883	10.610	ppbV		89
54) tert-amyl methyl ether	4.479	73	506015	10.314	ppbV		96
55) dibromomethane	4.545	93	212882	8.690	ppbV		89
56) 1,2-dichloropropane	4.563	63	182792	9.175	ppbV	#	91
57) bromodichloromethane	4.658	83	367386	9.877	ppbV		97
58) 1,4-dioxane	4.686	88	119030	10.562	ppbV		93
59) trichloroethene	4.686	130	287091	10.163	ppbV		97
60) 2,2,4-trimethylpentane	4.724	57	715375M6	10.398	ppbV		
61) methyl methacrylate	4.808	41	176990	9.079	ppbV	#	87
62) heptane	4.865	43	224975	10.452	ppbV		92
63) cis-1,3-dichloropropene	5.110	75	301915	9.940	ppbV	#	90
64) 4-methyl-2-pentanone	5.142	43	299348	9.984	ppbV	#	90
65) trans-1,3-dichloropropene	5.374	75	240936	9.913	ppbV	#	93
66) 1,1,2-trichloroethane	5.445	97	249460	10.164	ppbV	#	88

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262661.D
Acq On : 03 Apr 2025 04:57 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD010
Misc : WG2049329
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 03 12:07:05 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 17 14:24:08 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.589	91	712594	13.335	ppbV		97
70) 2-methylthiophene	5.613	97	858527M3	11.776	ppbV		
71) 1,3-dichloropropane	5.605	76	314358	12.079	ppbV	#	90
72) 2-hexanone	5.749	43	288324	13.082	ppbV	#	88
73) 3-methylthiophene	5.701	97	911483	11.749	ppbV	#	96
74) dibromochloromethane	5.781	129	419236	13.961	ppbV		99
75) 1,2-dibromoethane	5.900	107	383733	12.949	ppbV		100
76) butyl acetate	6.092	73	87678	13.887	ppbV		85
77) octane	6.132	85	232123	14.019	ppbV		83
78) tetrachloroethene	6.140	166	365340	12.739	ppbV		94
79) 1,1,1,2-tetrachloroethane	6.466	131	306317	12.642	ppbV		97
80) chlorobenzene	6.471	112	594071	13.273	ppbV		98
81) ethylbenzene	6.673	91	921058	13.700	ppbV		97
82) 2-ethylthiophene	6.689	97	1031996	11.509	ppbV	#	96
83) m+p-xylene	6.766	91	1444939	26.768	ppbV		96
84) bromoform	6.766	173	420513	13.886	ppbV		99
85) styrene	6.940	104	588256	14.816	ppbV		98
86) 1,1,2,2-tetrachloroethane	6.981	83	515986	12.153	ppbV		100
87) o-xylene	6.987	91	697496	12.870	ppbV		97
88) 1,2,3-trichloropropane	7.045	75	368360	12.152	ppbV	#	91
89) nonane	7.156	43	346212	12.474	ppbV		89
91) isopropylbenzene	7.295	105	1024211	13.866	ppbV		99
92) bromobenzene	7.307	77	602222	15.559	ppbV		95
93) 2-chlorotoluene	7.515	126	282198	13.633	ppbV		95
94) n-propylbenzene	7.555	120	305049	13.229	ppbV		91
95) 4-chlorotoluene	7.563	126	284346	13.061	ppbV		93
96) 4-ethyl toluene	7.635	105	1019307	15.845	ppbV		98
97) 1,3,5-trimethylbenzene	7.683	105	861847	14.199	ppbV		96
98) tert-butylbenzene	7.891	119	963813	13.902	ppbV		98
99) 1,2,4-trimethylbenzene	7.899	105	876162	13.622	ppbV		97
100) decane	8.002	57	463930	12.601	ppbV		92
101) Benzyl Chloride	7.954	91	724645	18.345	ppbV		96
102) 1,3-dichlorobenzene	7.954	146	645179	13.197	ppbV		97
103) 1,4-dichlorobenzene	7.994	146	644287	12.907	ppbV		95
104) sec-butylbenzene	8.042	105	1283851	14.041	ppbV		99
105) 1,2,3-trimethylbenzene	8.122	105	936513	13.934	ppbV		97
106) p-isopropyltoluene	8.138	119	1073323M6	12.547	ppbV		
107) 1,2-dichlorobenzene	8.178	146	633660	13.461	ppbV		95
108) n-butylbenzene	8.378	91	1017817	13.607	ppbV		98
109) indan	8.226	117	760812	12.707	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262661.D
Acq On : 03 Apr 2025 04:57 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD010
Misc : WG2049329
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 03 12:07:05 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 17 14:24:08 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

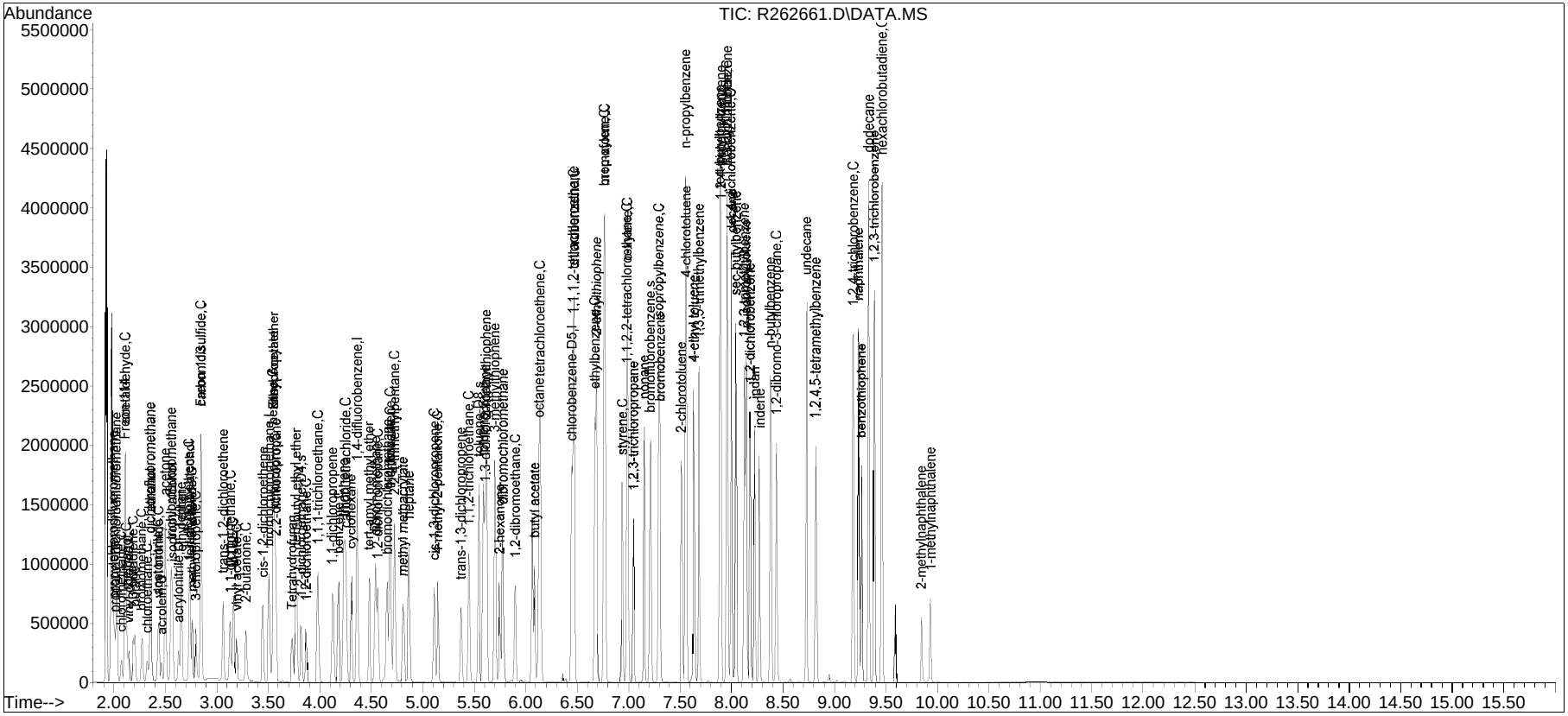
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.274	115	618996	12.979	ppbV	96
111) 1,2-dibromo-3-chloropr...	8.433	75	257628	11.953	ppbV #	79
112) undecane	8.729	57	590145	13.557	ppbV	92
113) 1,2,4,5-tetramethylben...	8.817	119	617163	19.464	ppbV	98
114) dodecane	9.336	57	735423	15.189	ppbV	89
115) 1,2,4-trichlorobenzene	9.184	180	631593	14.261	ppbV #	93
116) naphthalene	9.230	128	1475325	15.902	ppbV	99
117) 1,2,3-trichlorobenzene	9.388	180	674454	14.916	ppbV	96
118) benzothiophene	9.265	134	826105	19.084	ppbV #	98
119) hexachlorobutadiene	9.464	225	506067	12.956	ppbV	91
120) 2-methylnaphthalene	9.844	142	159512	19.433	ppbV	97
121) 1-methylnaphthalene	9.932	142	199051	17.813	ppbV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed4\0402T_I\R262661.D

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262661.D
Acq On : 03 Apr 2025 04:57 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD010
Misc : WG2049329
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 03 12:07:05 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 17 14:24:08 2025
Response via : Initial Calibration

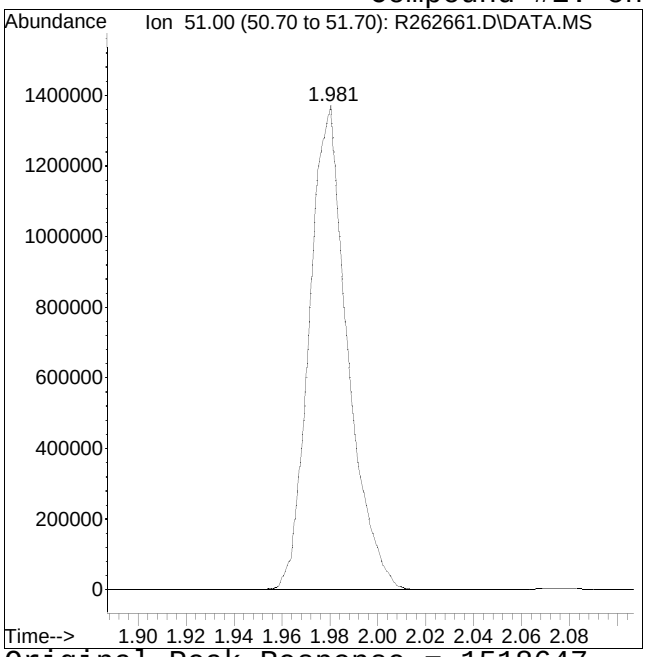


Manual Integration Report

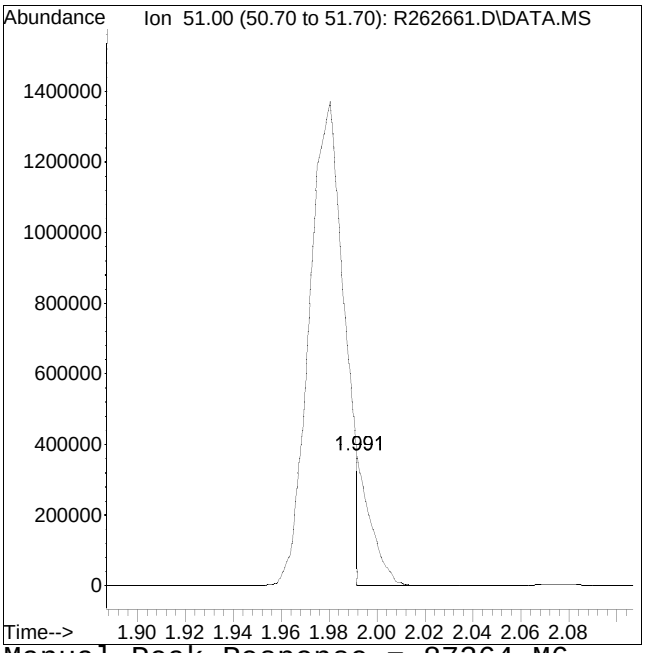
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R262661.D
Date Inj'd : 4/3/2025 4:57 am
Sample : ITO15-LLSTD010

Method : TFS26_250402.M
Operator : AIRLAB26:JJT
Instrument : Airlab26
Quant Date : 4/3/2025 12:07 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 1518647



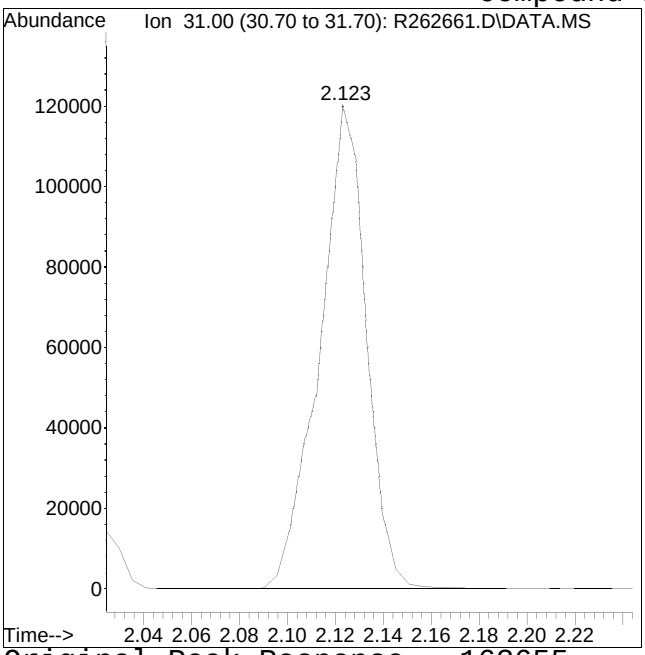
Manual Peak Response = 87364 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

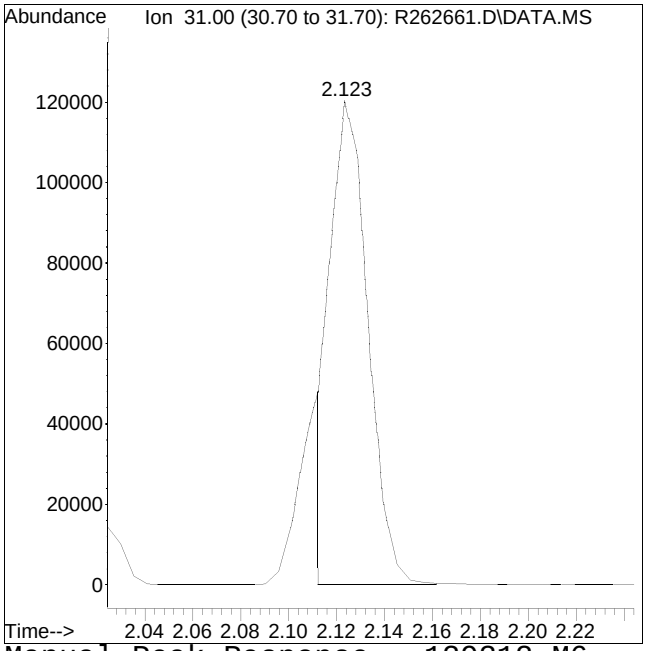
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262661.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 4:57 am Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 4/3/2025 12:07 pm

Compound #8: methanol



Original Peak Response = 163655



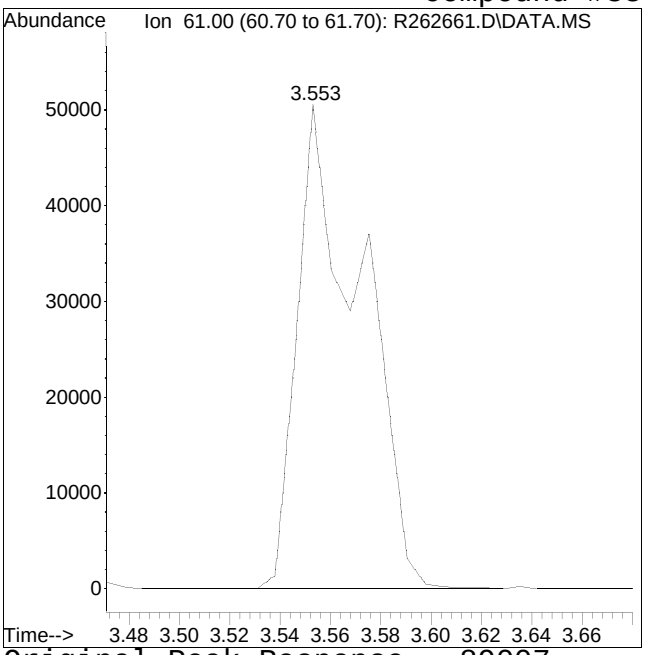
Manual Peak Response = 129312 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

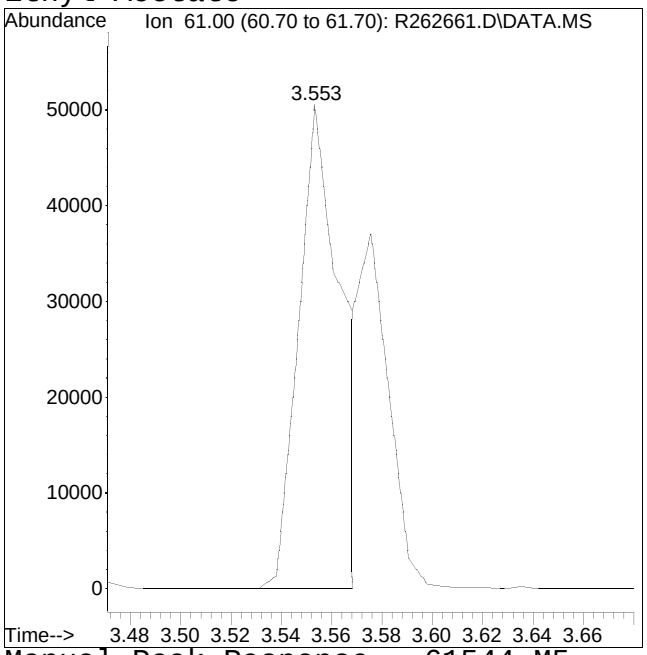
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262661.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 4:57 am Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 4/3/2025 12:07 pm

Compound #38: Ethyl Acetate



Original Peak Response = 89007



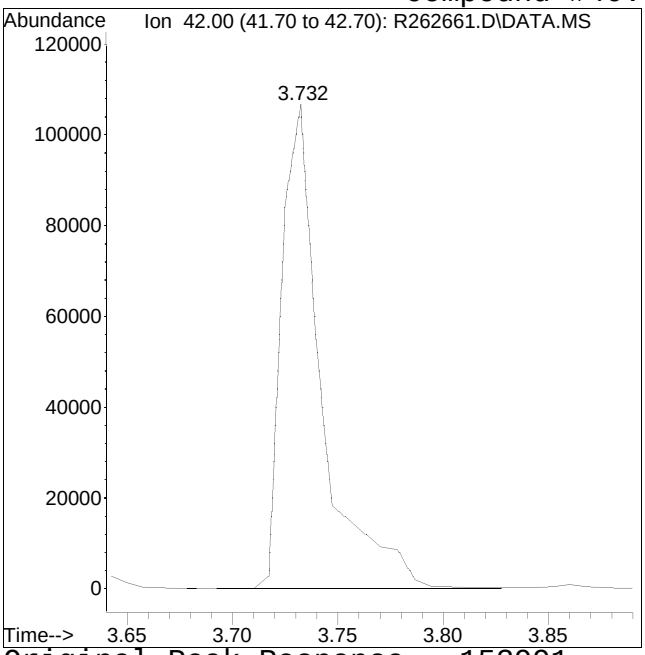
Manual Peak Response = 61544 M5

M5 = Manual integration over a retention time range required, i.e. for hydrocarbon range methods.

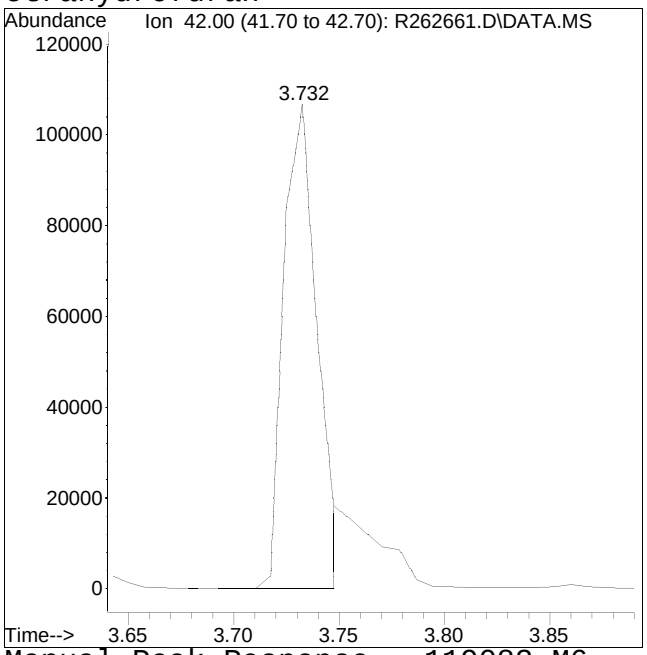
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262661.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 4:57 am Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 4/3/2025 12:07 pm

Compound #40: Tetrahydrofuran



Original Peak Response = 153991



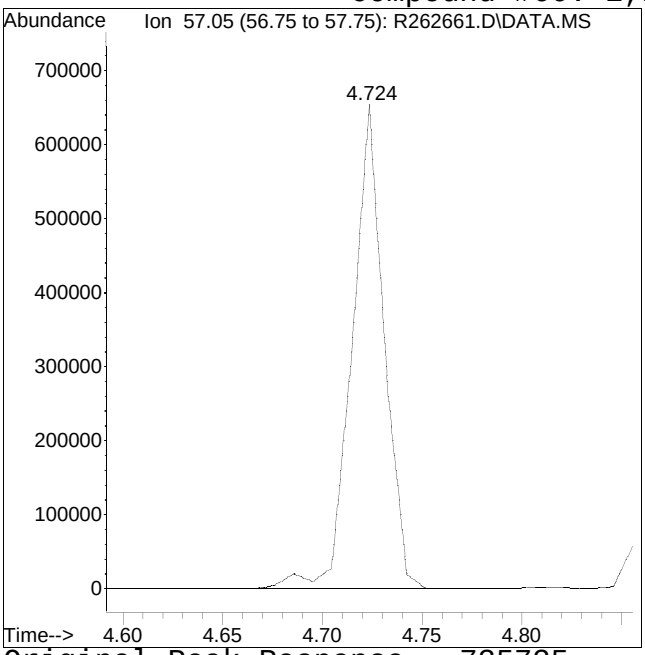
Manual Peak Response = 119083 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

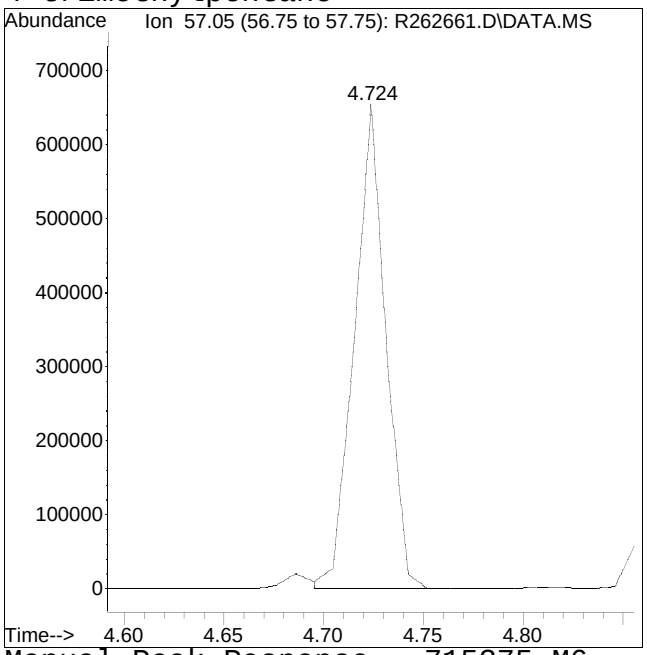
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262661.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 4:57 am Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 4/3/2025 12:07 pm

Compound #60: 2,2,4-trimethylpentane



Original Peak Response = 735735



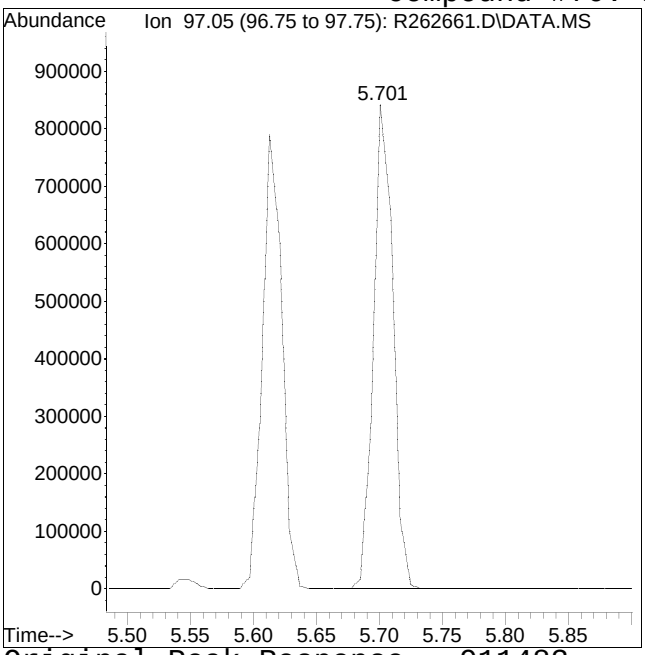
Manual Peak Response = 715375 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

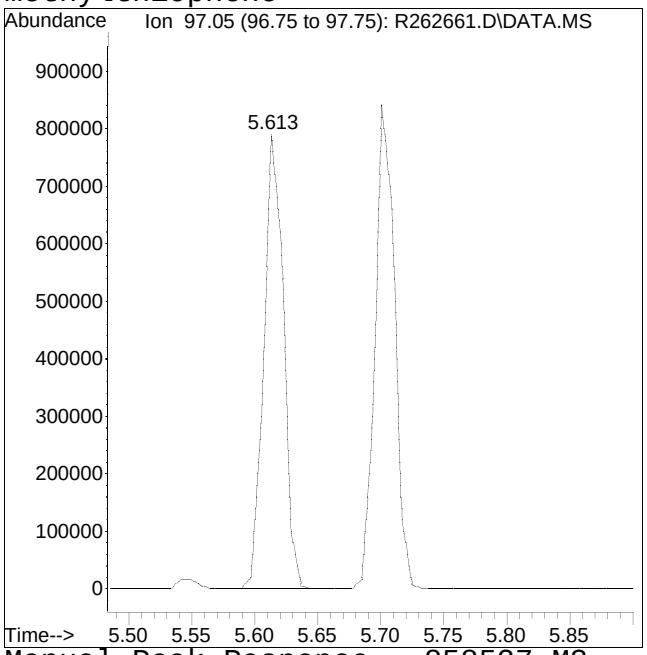
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262661.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 4:57 am Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 4/3/2025 12:07 pm

Compound #70: 2-methylthiophene



Original Peak Response = 911483



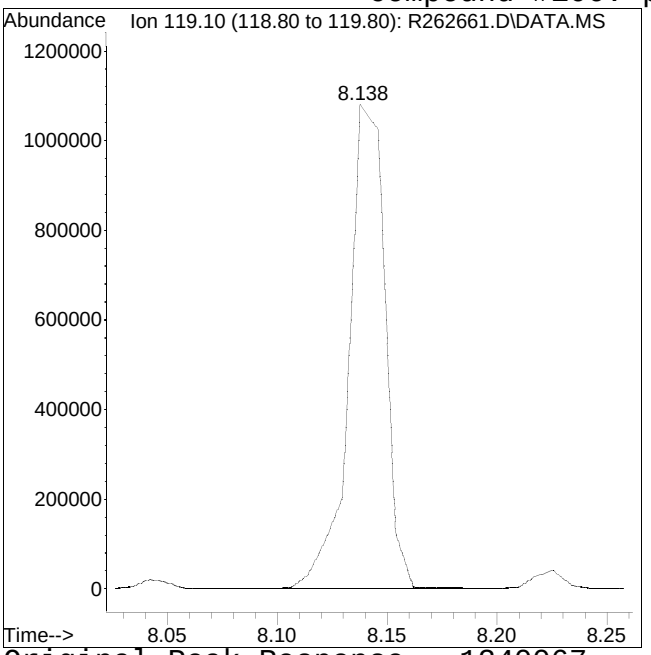
Manual Peak Response = 858527 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

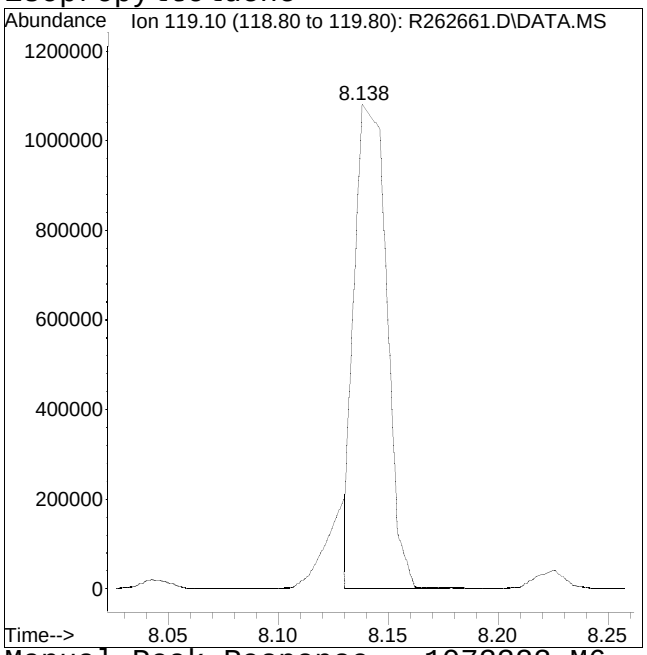
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262661.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 4:57 am Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 4/3/2025 12:07 pm

Compound #106: p-isopropyltoluene



Original Peak Response = 1240067



Manual Peak Response = 1073323 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262662.D
Acq On : 03 Apr 2025 05:30 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD020
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 12:16:24 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	196820	10.000	ppbV	0.00
Standard Area = 193196			Recovery = 101.88%			
43) 1,4-difluorobenzene	4.366	114	835856	10.000	ppbV	0.00
Standard Area = 834490			Recovery = 100.16%			
67) chlorobenzene-D5	6.449	54	101711	10.000	ppbV	0.00
Standard Area = 100761			Recovery = 100.94%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.828	65	190731	9.745	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.45%			
69) toluene-D8	5.541	98	698585	9.851	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.51%			
90) bromofluorobenzene	7.214	95	417993	9.835	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.35%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.992	51	194163M6	21.815	ppbV	
3) propylene	2.003	41	206432	19.006	ppbV	98
4) propane	2.014	29	119393	19.368	ppbV	98
5) dichlorodifluoromethane	2.025	85	766434	18.757	ppbV	100
6) chloromethane	2.079	50	221584	18.737	ppbV	99
7) Freon-114	2.112	85	811888	19.074	ppbV	93
8) methanol	2.123	31	259713M6	98.572	ppbV	
9) vinyl chloride	2.145	62	288589	19.353	ppbV	98
10) 1,3-butadiene	2.189	54	194913	19.135	ppbV	99
11) butane	2.206	43	331814	19.416	ppbV	99
12) acetaldehyde	2.112	29	481503	95.635	ppbV	99
13) bromomethane	2.277	94	303674	19.282	ppbV	98
14) chloroethane	2.332	64	161366	19.315	ppbV	96
15) ethanol	2.360	31	636877	101.413	ppbV	99
16) dichlorofluoromethane	2.360	67	674494	19.299	ppbV	100
17) vinyl bromide	2.438	106	311971	19.518	ppbV	96
18) acrolein	2.466	56	122549	18.799	ppbV	98
19) acetone	2.506	43	1462351	95.507	ppbV	100
20) acetonitrile	2.432	41	188953	18.837	ppbV	97
21) trichlorofluoromethane	2.557	101	717259	19.126	ppbV	97
22) isopropyl alcohol	2.568	45	888096	53.538	ppbV	99
23) acrylonitrile	2.630	53	225986	19.407	ppbV	99
24) pentane	2.659	43	423774	19.192	ppbV	99

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262662.D
Acq On : 03 Apr 2025 05:30 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD020
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 12:16:24 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	2.659	31	183087	18.972	ppbV	97
26) 1,1-dichloroethene	2.732	61	458597	19.279	ppbV	97
27) tertiary butyl alcohol	2.741	59	576027	22.547	ppbV	98
28) methylene chloride	2.765	49	246083	19.340	ppbV	98
29) 3-chloropropene	2.798	41	247908	18.878	ppbV	99
30) carbon disulfide	2.851	76	765564	19.053	ppbV	98
31) Freon 113	2.851	101	622919	19.039	ppbV	97
32) trans-1,2-dichloroethene	3.062	61	362887	19.243	ppbV	99
33) 1,1-dichloroethane	3.133	63	486411	19.227	ppbV	99
34) MTBE	3.164	73	770985	19.438	ppbV	99
35) vinyl acetate	3.195	43	523673	20.154	ppbV	98
36) 2-butanone	3.284	43	473676	19.231	ppbV	96
37) cis-1,2-dichloroethene	3.449	61	413809	19.249	ppbV	99
38) Ethyl Acetate	3.553	61	109536M6	17.470	ppbV	
39) chloroform	3.568	83	665823	19.086	ppbV	99
40) Tetrahydrofuran	3.733	42	236559M6	19.499	ppbV	
41) 2,2-dichloropropane	3.576	77	559693	19.283	ppbV	99
42) 1,2-dichloroethane	3.868	62	391052	19.362	ppbV	99
44) hexane	3.546	57	441983	19.296	ppbV	90
45) diisopropyl ether	3.553	87	380962	19.852	ppbV	99
46) tert-butyl ethyl ether	3.779	59	967488	20.460	ppbV	98
48) 1,1,1-trichloroethane	3.982	97	704582	19.745	ppbV	99
49) 1,1-dichloropropene	4.130	75	610460	19.806	ppbV	95
50) benzene	4.186	78	1079079	19.472	ppbV	100
51) thiophene	4.234	84	830793	15.130	ppbV	99
52) carbon tetrachloride	4.252	117	737615	19.927	ppbV	100
53) cyclohexane	4.309	56	453319	19.351	ppbV	99
54) tert-amyl methyl ether	4.488	73	1006350	19.855	ppbV	97
55) dibromomethane	4.545	93	418442	19.624	ppbV	97
56) 1,2-dichloropropane	4.563	63	363587	19.858	ppbV	100
57) bromodichloromethane	4.658	83	719382	19.549	ppbV	99
58) 1,4-dioxane	4.686	88	246866	20.706	ppbV	98
59) trichloroethene	4.686	130	569649	19.810	ppbV	97
60) 2,2,4-trimethylpentane	4.724	57	1396895M6	19.495	ppbV	
61) methyl methacrylate	4.809	41	342857	19.340	ppbV	99
62) heptane	4.865	43	439828	19.518	ppbV	98
63) cis-1,3-dichloropropene	5.110	75	600162	19.846	ppbV	99
64) 4-methyl-2-pentanone	5.142	43	568606	18.964	ppbV	99
65) trans-1,3-dichloropropene	5.374	75	478727	19.837	ppbV	98
66) 1,1,2-trichloroethane	5.445	97	483767	19.361	ppbV	98

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262662.D
Acq On : 03 Apr 2025 05:30 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD020
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 12:16:24 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	5.589	91	1389980	19.324	ppbV	100
70) 2-methylthiophene	5.613	97	1256135	14.495	ppbV	99
71) 1,3-dichloropropane	5.605	76	624894	19.693	ppbV	99
72) 2-hexanone	5.749	43	559962	19.240	ppbV	99
73) 3-methylthiophene	5.701	97	1351385	14.688	ppbV	100
74) dibromochloromethane	5.781	129	836287	19.762	ppbV	99
75) 1,2-dibromoethane	5.900	107	760553	19.635	ppbV	99
76) butyl acetate	6.092	73	168511	19.040	ppbV	97
77) octane	6.132	85	440153	18.785	ppbV	96
78) tetrachloroethene	6.148	166	736315	19.966	ppbV	92
79) 1,1,1,2-tetrachloroethane	6.471	131	607774	19.656	ppbV	99
80) chlorobenzene	6.471	112	1154580	19.254	ppbV	100
81) ethylbenzene	6.673	91	1789207	19.244	ppbV	99
82) 2-ethylthiophene	6.689	97	1512559	14.520	ppbV	99
83) m+p-xylene	6.766	91	2782082	38.148	ppbV	99
84) bromoform	6.766	173	833024	19.625	ppbV	99
85) styrene	6.940	104	1153618	19.428	ppbV	99
86) 1,1,2,2-tetrachloroethane	6.981	83	1008151	19.356	ppbV	99
87) o-xylene	6.987	91	1368677	19.439	ppbV	100
88) 1,2,3-trichloropropane	7.045	75	719782	19.358	ppbV	98
89) nonane	7.156	43	665751	19.050	ppbV	97
91) isopropylbenzene	7.295	105	2008932	19.431	ppbV	99
92) bromobenzene	7.307	77	918510M6	15.110	ppbV	
93) 2-chlorotoluene	7.523	126	552875	19.409	ppbV	88
94) n-propylbenzene	7.555	120	596612	19.375	ppbV	97
95) 4-chlorotoluene	7.563	126	555695	19.360	ppbV	95
96) 4-ethyl toluene	7.635	105	1987978	19.321	ppbV	100
97) 1,3,5-trimethylbenzene	7.683	105	1666992	19.161	ppbV	99
98) tert-butylbenzene	7.891	119	1861031	19.129	ppbV	99
99) 1,2,4-trimethylbenzene	7.899	105	1697326	19.191	ppbV	97
100) decane	8.002	57	911349	19.461	ppbV	99
101) Benzyl Chloride	7.955	91	1470679	20.106	ppbV	98
102) 1,3-dichlorobenzene	7.955	146	1276231	19.596	ppbV	99
103) 1,4-dichlorobenzene	7.994	146	1236114	19.007	ppbV	99
104) sec-butylbenzene	8.042	105	2496735	19.266	ppbV	98
105) 1,2,3-trimethylbenzene	8.122	105	1833317	19.393	ppbV	100
106) p-isopropyltoluene	8.146	119	2076680M6	16.590	ppbV	
107) 1,2-dichlorobenzene	8.178	146	1218808	19.055	ppbV	99
108) n-butylbenzene	8.378	91	1969681	19.171	ppbV	100
109) indan	8.226	117	1615681	21.038	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262662.D
Acq On : 03 Apr 2025 05:30 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD020
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 12:16:24 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

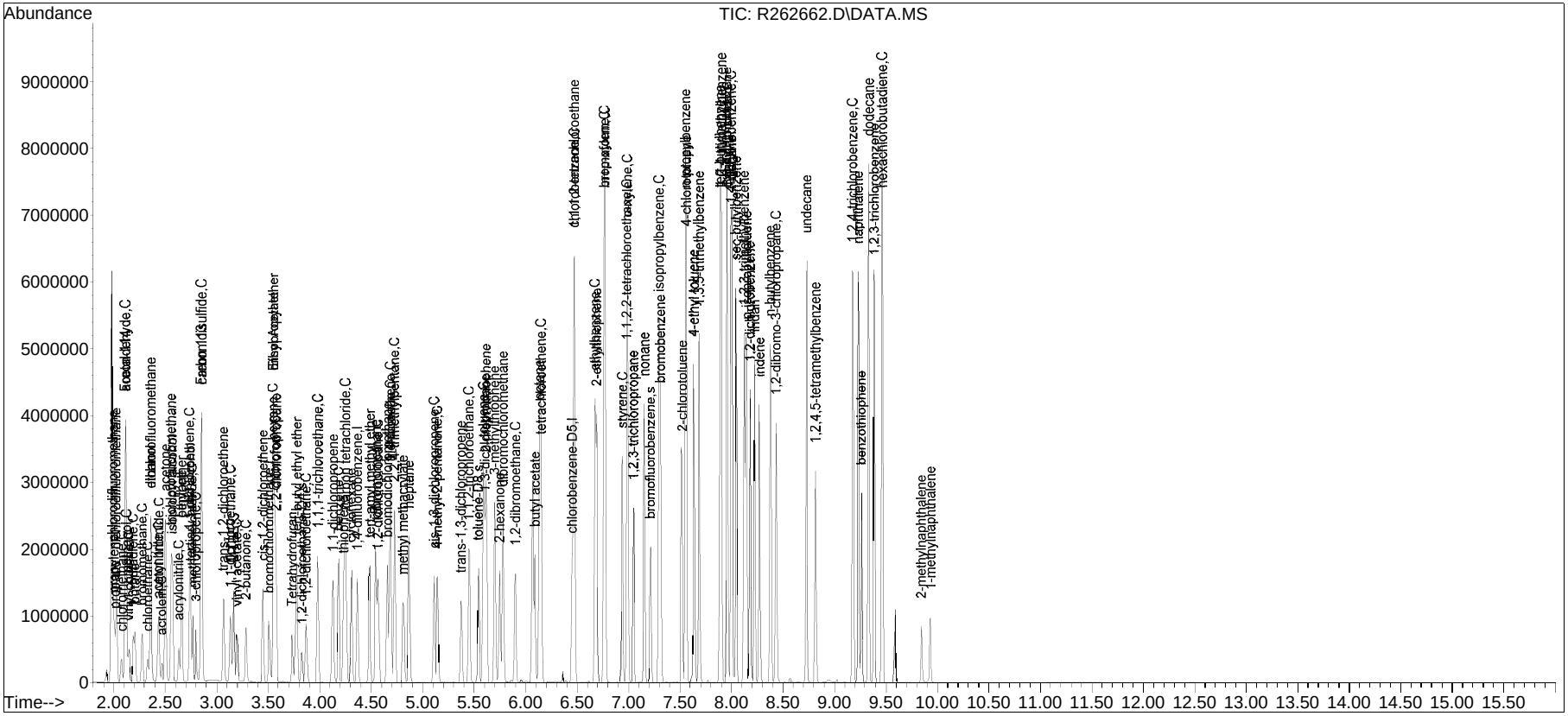
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.274	115	1316463	21.069	ppbV	100
111) 1,2-dibromo-3-chloropr...	8.433	75	515673	19.829	ppbV	99
112) undecane	8.729	57	1139984	19.137	ppbV	100
113) 1,2,4,5-tetramethylben...	8.817	119	947501	15.209	ppbV	98
114) dodecane	9.336	57	1397746	18.828	ppbV	100
115) 1,2,4-trichlorobenzene	9.178	180	1247812	19.572	ppbV	95
116) naphthalene	9.230	128	2846294	19.112	ppbV	100
117) 1,2,3-trichlorobenzene	9.388	180	1291090	18.964	ppbV	99
118) benzothiophene	9.265	134	1275535	15.296	ppbV	99
119) hexachlorobutadiene	9.464	225	987617	19.333	ppbV	99
120) 2-methylnaphthalene	9.844	142	238905	14.837	ppbV	99
121) 1-methylnaphthalene	9.932	142	288101	14.339	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed4\0402T_I\R262661.D

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262662.D
Acq On : 03 Apr 2025 05:30 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD020
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

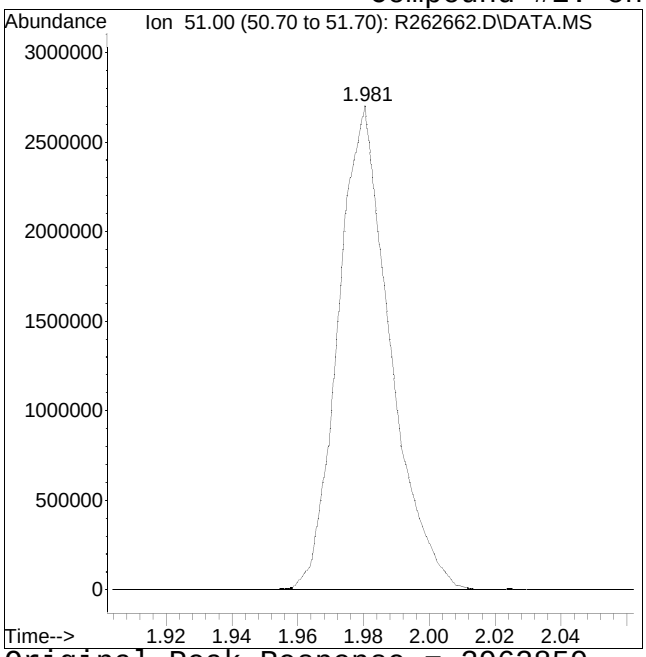
Quant Time: Apr 03 12:16:24 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration



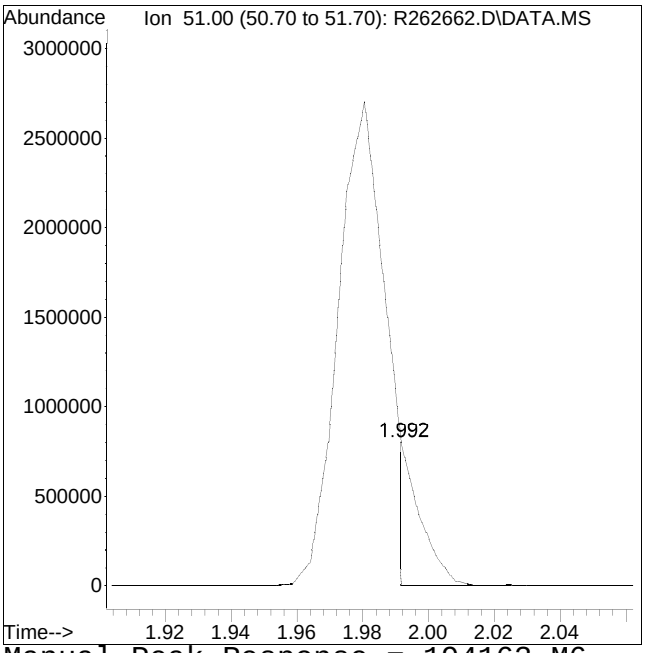
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262662.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 5:30 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 4/3/2025 12:16 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 2962859



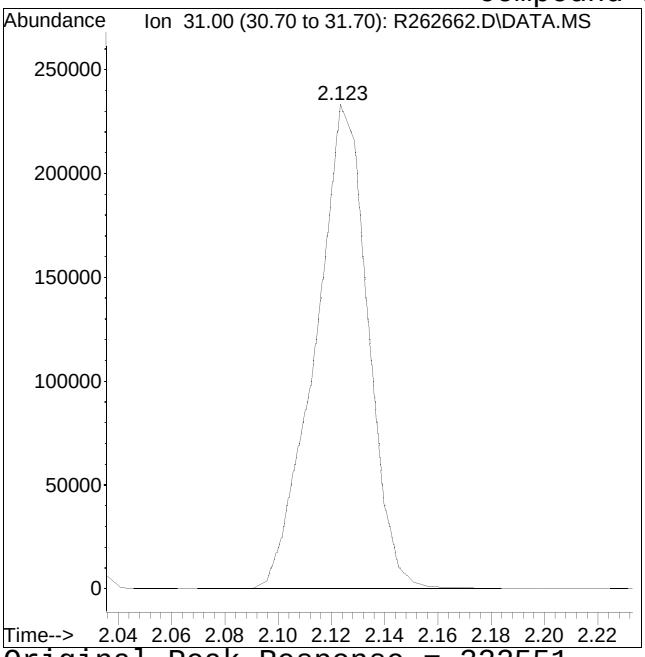
Manual Peak Response = 194163 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

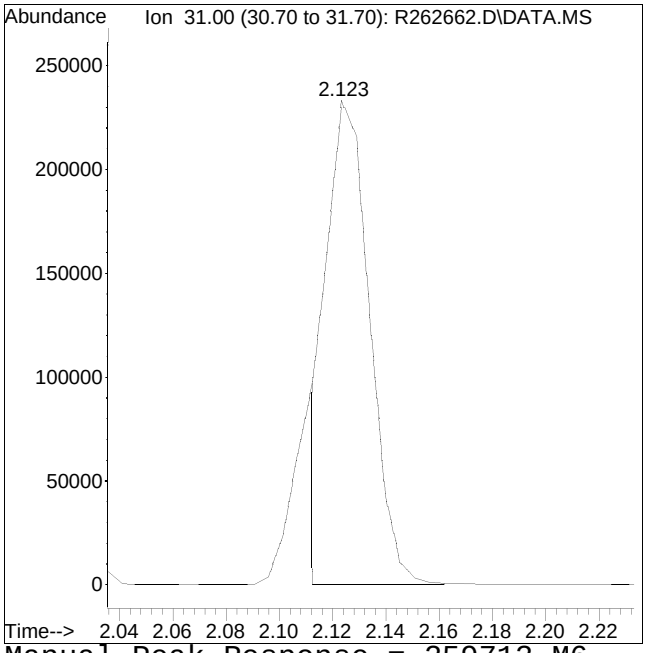
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262662.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 5:30 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 4/3/2025 12:16 pm

Compound #8: methanol



Original Peak Response = 322551



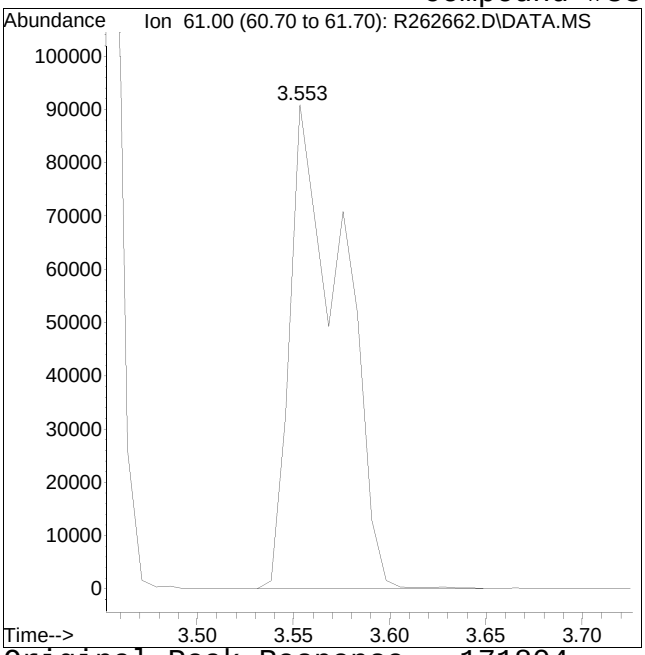
Manual Peak Response = 259713 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

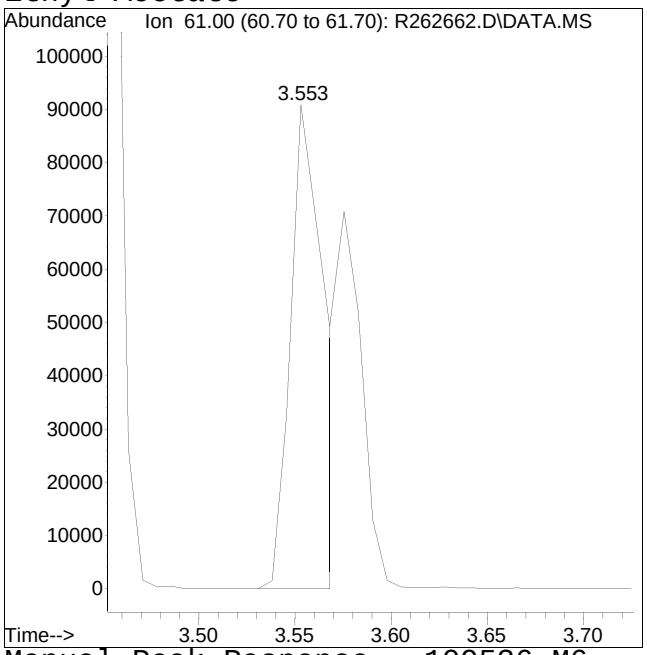
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262662.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 5:30 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 4/3/2025 12:16 pm

Compound #38: Ethyl Acetate



Original Peak Response = 171804



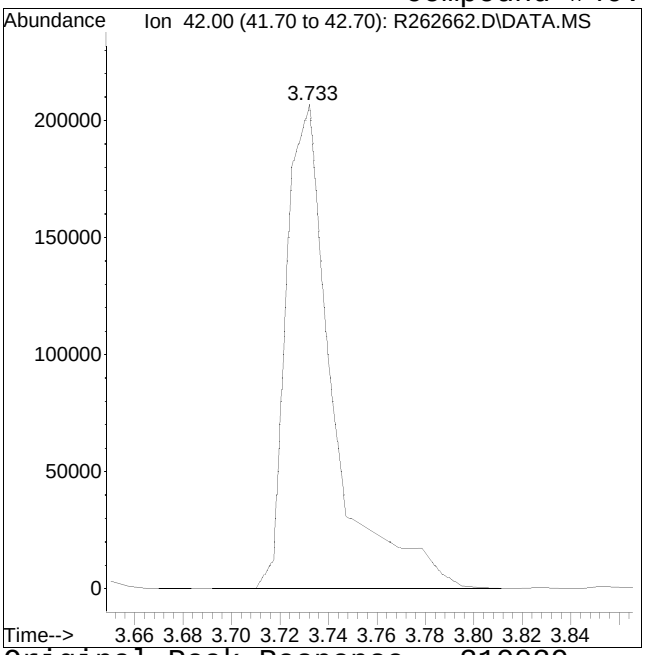
Manual Peak Response = 109536 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

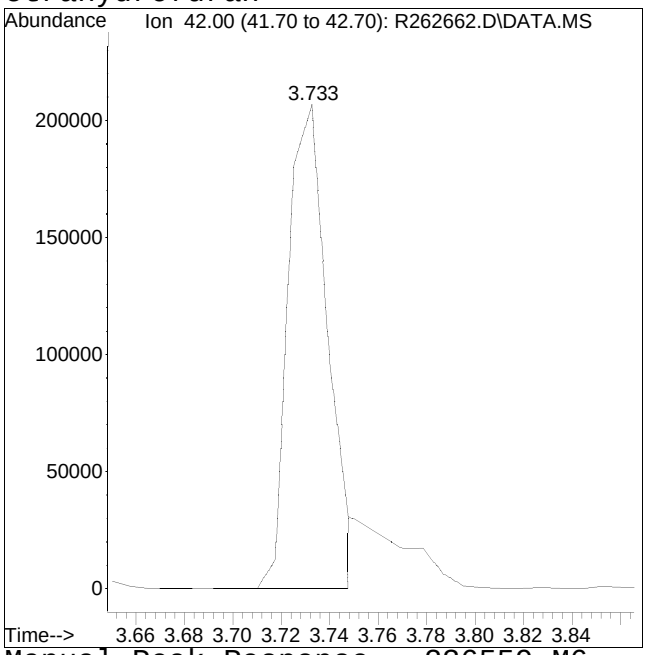
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262662.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 5:30 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 4/3/2025 12:16 pm

Compound #40: Tetrahydrofuran



Original Peak Response = 310029



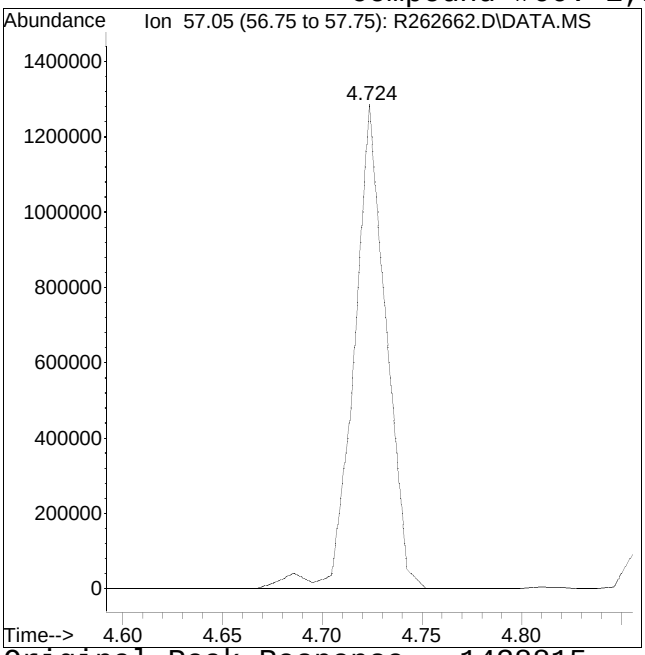
Manual Peak Response = 236559 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

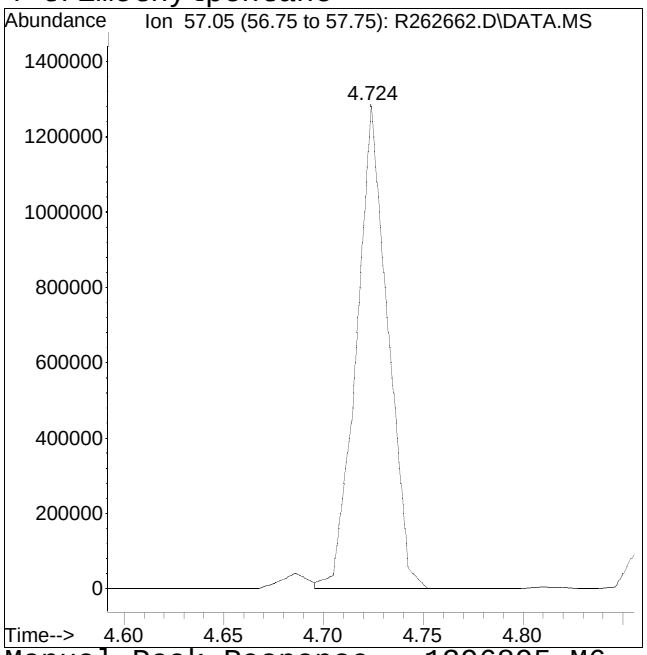
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262662.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 5:30 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 4/3/2025 12:16 pm

Compound #60: 2,2,4-trimethylpentane



Original Peak Response = 1438815



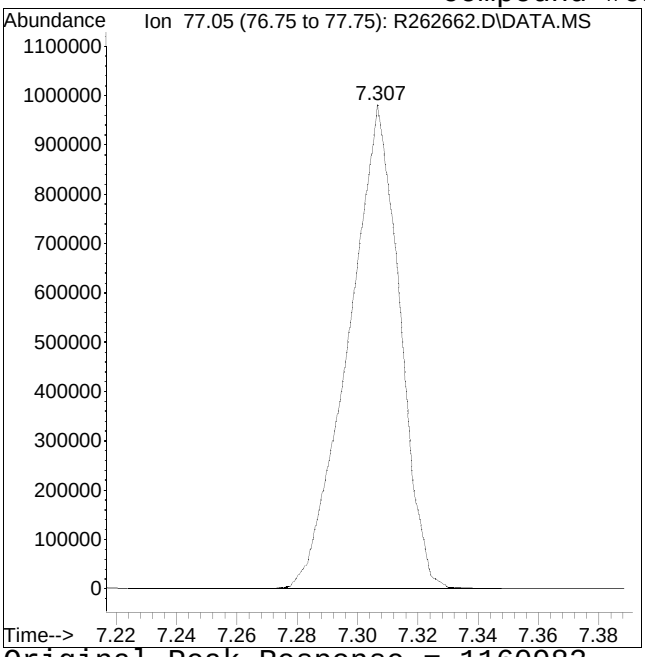
Manual Peak Response = 1396895 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

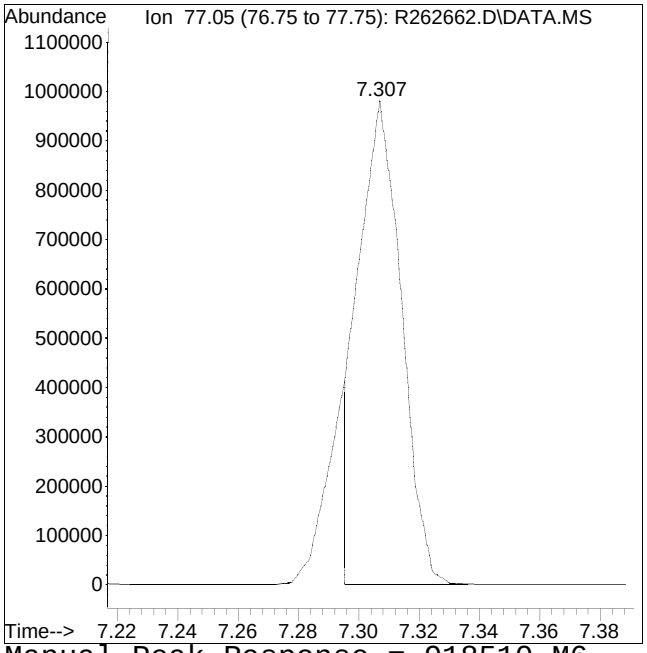
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262662.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 5:30 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 4/3/2025 12:16 pm

Compound #92: bromobenzene



Original Peak Response = 1160983



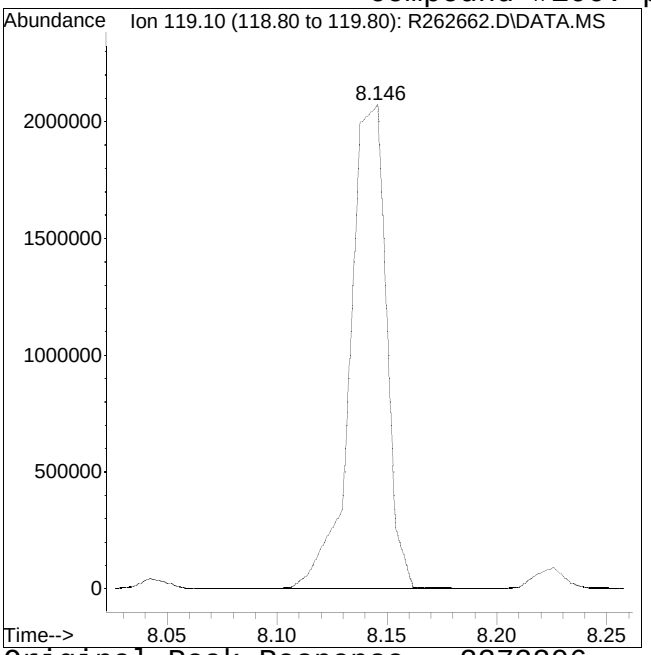
Manual Peak Response = 918510 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

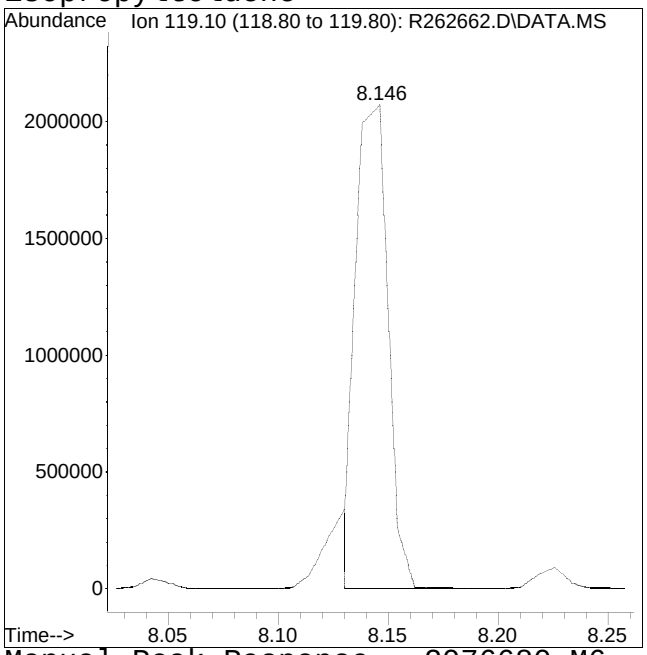
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262662.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 5:30 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 4/3/2025 12:16 pm

Compound #106: p-isopropyltoluene



Original Peak Response = 2372206



Manual Peak Response = 2076680 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262663.D
Acq On : 03 Apr 2025 06:04 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD050
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 12:16:33 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	192328	10.000	ppbV	0.00
Standard Area = 193196			Recovery = 99.55%			
43) 1,4-difluorobenzene	4.365	114	839168	10.000	ppbV	0.00
Standard Area = 834490			Recovery = 100.56%			
67) chlorobenzene-D5	6.449	54	101382	10.000	ppbV	0.00
Standard Area = 100761			Recovery = 100.62%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.819	65	191349	9.738	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.38%			
69) toluene-D8	5.541	98	703020	9.945	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.45%			
90) bromofluorobenzene	7.214	95	424545	10.021	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.21%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.991	51	320426M6	36.843	ppbV	
3) propylene	2.002	41	502267	47.323	ppbV	98
4) propane	2.008	29	287535	47.733	ppbV #	77
5) dichlorodifluoromethane	2.024	85	1886366	47.242	ppbV	99
6) chloromethane	2.074	50	556114	48.124	ppbV	98
7) Freon-114	2.107	85	1965578	47.257	ppbV	97
8) methanol	2.123	31	582926M6	226.412	ppbV	
9) vinyl chloride	2.145	62	708072	48.592	ppbV	99
10) 1,3-butadiene	2.189	54	482429	48.468	ppbV	100
11) butane	2.206	43	797098	47.732	ppbV	98
12) acetaldehyde	2.112	29	1135316	230.760	ppbV	96
13) bromomethane	2.271	94	748193	48.616	ppbV	98
14) chloroethane	2.326	64	398020	48.756	ppbV	97
15) ethanol	2.359	31	1495099	243.631	ppbV	99
16) dichlorofluoromethane	2.354	67	1650102	48.317	ppbV	100
17) vinyl bromide	2.432	106	854076	54.681	ppbV	97
18) acrolein	2.466	56	310382	48.724	ppbV	95
19) acetone	2.500	43	3453736	230.835	ppbV	98
20) acetonitrile	2.426	41	527498	53.816	ppbV	97
21) trichlorofluoromethane	2.551	101	1738089	47.429	ppbV	98
22) isopropyl alcohol	2.568	45	2124884	131.087	ppbV	99
23) acrylonitrile	2.624	53	542545	47.681	ppbV	99
24) pentane	2.653	43	892874	41.382	ppbV	98

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262663.D
Acq On : 03 Apr 2025 06:04 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD050
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 12:16:33 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	2.653	31	445044	47.193	ppbV	99
26) 1,1-dichloroethene	2.727	61	1114580	47.949	ppbV	96
27) tertiary butyl alcohol	2.736	59	1406252	56.330	ppbV	99
28) methylene chloride	2.760	49	602394	48.448	ppbV	95
29) 3-chloropropene	2.793	41	604511	47.108	ppbV	98
30) carbon disulfide	2.846	76	1845353	47.000	ppbV	97
31) Freon 113	2.846	101	1501138	46.952	ppbV	96
32) trans-1,2-dichloroethene	3.058	61	894909	48.563	ppbV	99
33) 1,1-dichloroethane	3.128	63	1184520	47.915	ppbV	100
34) MTBE	3.159	73	1871966	48.299	ppbV	99
35) vinyl acetate	3.190	43	1323080	52.109	ppbV	99
36) 2-butanone	3.279	43	1391899	57.831	ppbV	98
37) cis-1,2-dichloroethene	3.441	61	1025314	48.809	ppbV	95
38) Ethyl Acetate	3.553	61	293258M6	47.865	ppbV	
39) chloroform	3.568	83	1617988	47.464	ppbV	99
40) Tetrahydrofuran	3.725	42	611577M6	51.589	ppbV	
41) 2,2-dichloropropane	3.575	77	1365245	48.136	ppbV	99
42) 1,2-dichloroethane	3.868	62	962406	48.765	ppbV	98
44) hexane	3.546	57	1077445	46.854	ppbV	94
45) diisopropyl ether	3.553	87	926997	48.116	ppbV	95
46) tert-butyl ethyl ether	3.770	59	2184994	46.025	ppbV	99
48) 1,1,1-trichloroethane	3.982	97	1735854	48.453	ppbV	100
49) 1,1-dichloropropene	4.120	75	1473727	47.626	ppbV	98
50) benzene	4.186	78	2680678	48.182	ppbV	100
51) thiophene	4.233	84	2044268	37.083	ppbV	100
52) carbon tetrachloride	4.252	117	1800903	48.461	ppbV	99
53) cyclohexane	4.309	56	1132399	48.147	ppbV	100
54) tert-amyl methyl ether	4.478	73	2496008	49.052	ppbV	99
55) dibromomethane	4.544	93	1041397	48.646	ppbV	99
56) 1,2-dichloropropane	4.563	63	906158	49.297	ppbV	99
57) bromodichloromethane	4.657	83	1771365	47.947	ppbV	99
58) 1,4-dioxane	4.686	88	626838	52.369	ppbV	100
59) trichloroethene	4.686	130	1384072	47.941	ppbV	98
60) 2,2,4-trimethylpentane	4.723	57	3369737M6	46.842	ppbV	
61) methyl methacrylate	4.808	41	859621	48.298	ppbV	99
62) heptane	4.865	43	1078878	47.688	ppbV	98
63) cis-1,3-dichloropropene	5.110	75	1479813	48.741	ppbV	99
64) 4-methyl-2-pentanone	5.142	43	1411065	46.875	ppbV	98
65) trans-1,3-dichloropropene	5.373	75	1221472	50.414	ppbV	100
66) 1,1,2-trichloroethane	5.453	97	1195851	47.670	ppbV	98

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262663.D
Acq On : 03 Apr 2025 06:04 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD050
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 12:16:33 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.589	91	3373876	47.056	ppbV		98
70) 2-methylthiophene	5.621	97	3047923	35.284	ppbV		98
71) 1,3-dichloropropane	5.605	76	1525214	48.221	ppbV		99
72) 2-hexanone	5.748	43	1383608	47.694	ppbV		99
73) 3-methylthiophene	5.701	97	3256655	35.510	ppbV		99
74) dibromochloromethane	5.780	129	2079856	49.307	ppbV		100
75) 1,2-dibromoethane	5.900	107	1870437	48.445	ppbV		99
76) butyl acetate	6.092	73	430422	48.791	ppbV		98
77) octane	6.132	85	1092149	46.762	ppbV		99
78) tetrachloroethene	6.148	166	1794600	48.820	ppbV		92
79) 1,1,1,2-tetrachloroethane	6.471	131	1495148	48.511	ppbV		100
80) chlorobenzene	6.476	112	2828377	47.318	ppbV		98
81) ethylbenzene	6.673	91	4335555	46.783	ppbV		98
82) 2-ethylthiophene	6.689	97	3652227	35.173	ppbV		99
83) m+p-xylene	6.766	91	6588117	90.630	ppbV		98
84) bromoform	6.766	173	2067985	48.876	ppbV		98
85) styrene	6.940	104	2818942	47.627	ppbV		98
86) 1,1,2,2-tetrachloroethane	6.987	83	2472610	47.627	ppbV		98
87) o-xylene	6.992	91	3352093	47.765	ppbV		98
88) 1,2,3-trichloropropane	7.051	75	1796850	48.481	ppbV		96
89) nonane	7.155	43	1640644	47.098	ppbV		96
91) isopropylbenzene	7.295	105	4748519	46.079	ppbV		96
92) bromobenzene	7.307	77	2358276M6	38.920	ppbV		
93) 2-chlorotoluene	7.523	126	1378417	48.547	ppbV		87
94) n-propylbenzene	7.555	120	1452188	47.313	ppbV		76
95) 4-chlorotoluene	7.563	126	1372117	47.960	ppbV		95
96) 4-ethyl toluene	7.635	105	4748635	46.302	ppbV		98
97) 1,3,5-trimethylbenzene	7.683	105	4038421	46.571	ppbV		96
98) tert-butylbenzene	7.898	119	4483777	46.236	ppbV		100
99) 1,2,4-trimethylbenzene	7.898	105	4072843	46.200	ppbV	#	89
100) decane	8.002	57	2183631	46.780	ppbV		98
101) Benzyl Chloride	7.954	91	3815474	52.330	ppbV		99
102) 1,3-dichlorobenzene	7.962	146	3077050	47.401	ppbV		97
103) 1,4-dichlorobenzene	7.994	146	3145230	48.518	ppbV		96
104) sec-butylbenzene	8.042	105	5876364	45.491	ppbV		96
105) 1,2,3-trimethylbenzene	8.122	105	4483830	47.585	ppbV		100
106) p-isopropyltoluene	8.146	119	5140412M6	41.199	ppbV		
107) 1,2-dichlorobenzene	8.186	146	3089791	48.462	ppbV		96
108) n-butylbenzene	8.385	91	4732258	46.209	ppbV		91
109) indan	8.226	117	3971579	51.882	ppbV		96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262663.D
Acq On : 03 Apr 2025 06:04 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD050
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 12:16:33 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

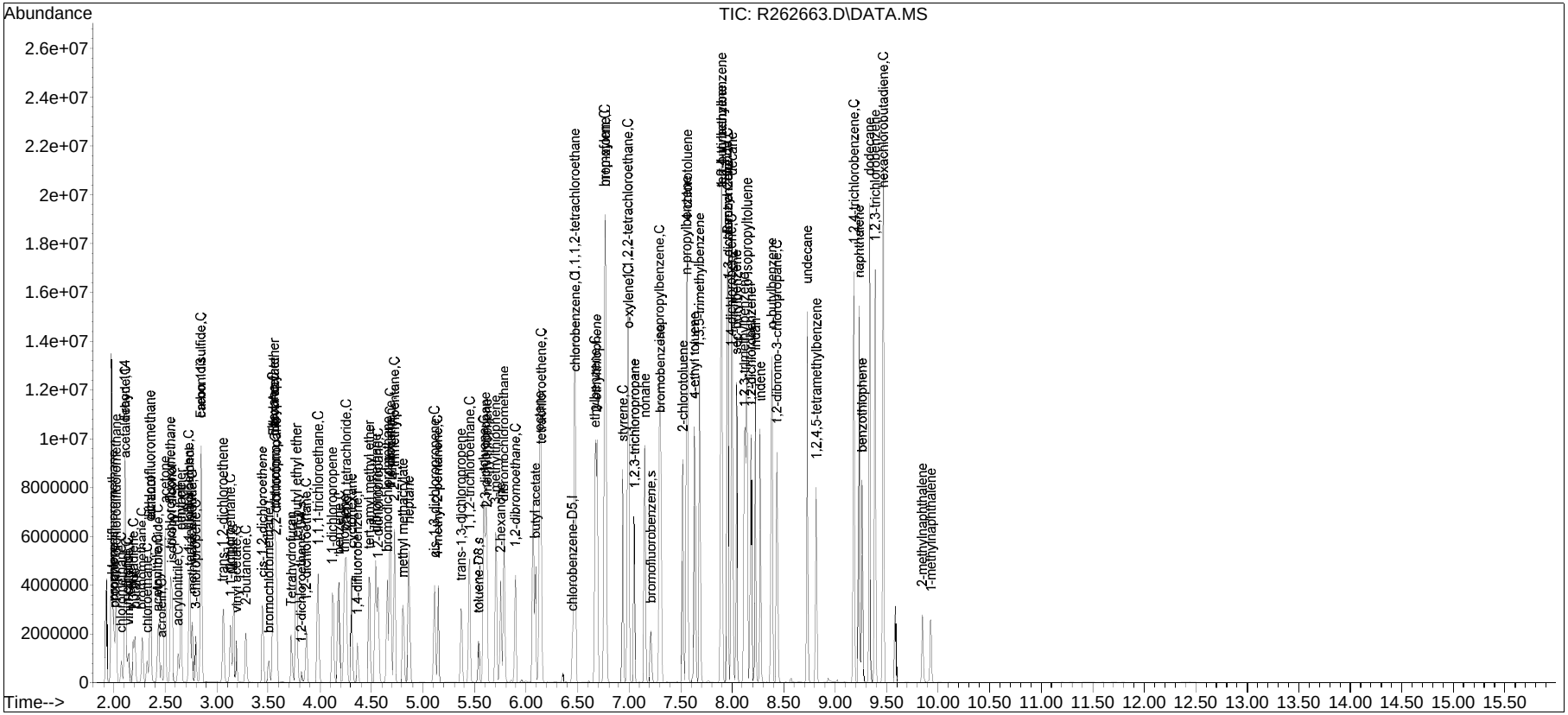
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.274	115	3305061	53.067	ppbV	99
111) 1,2-dibromo-3-chloropr...	8.433	75	1293588	49.904	ppbV	96
112) undecane	8.729	57	2799571	47.148	ppbV	99
113) 1,2,4,5-tetramethylben...	8.816	119	2424883	39.050	ppbV	97
114) dodecane	9.335	57	3331517	45.023	ppbV	98
115) 1,2,4-trichlorobenzene	9.183	180	3219402	50.661	ppbV	96
116) naphthalene	9.236	128	6971705	46.966	ppbV	97
117) 1,2,3-trichlorobenzene	9.388	180	3199705	47.151	ppbV	94
118) benzothiophene	9.265	134	3358200	40.402	ppbV	98
119) hexachlorobutadiene	9.464	225	2485489	48.813	ppbV	98
120) 2-methylnaphthalene	9.844	142	728987	45.421	ppbV	100
121) 1-methylnaphthalene	9.932	142	784338	39.163	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed4\0402T_I\R262661.D

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262663.D
Acq On : 03 Apr 2025 06:04 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD050
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

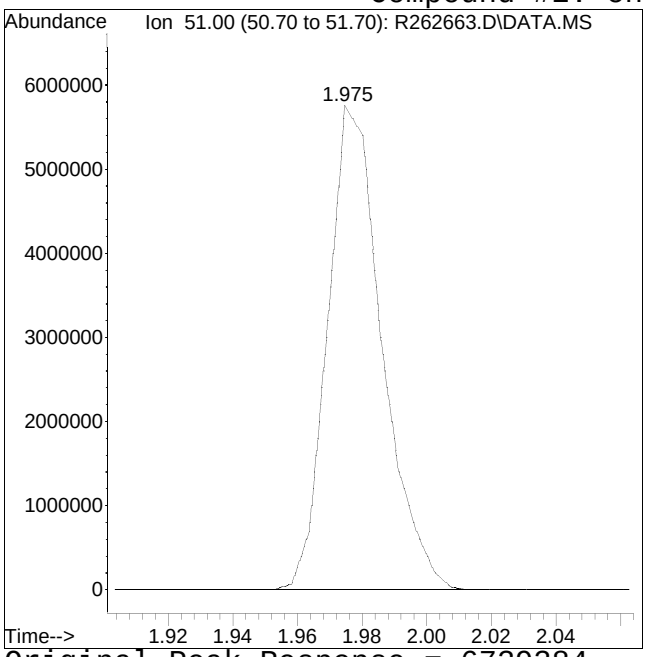
Quant Time: Apr 03 12:16:33 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration



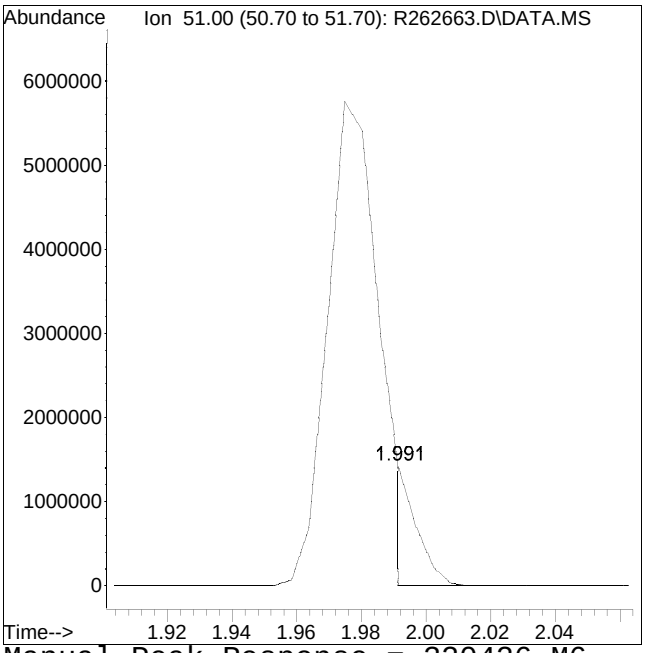
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262663.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 6:04 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 4/3/2025 12:16 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 6739384



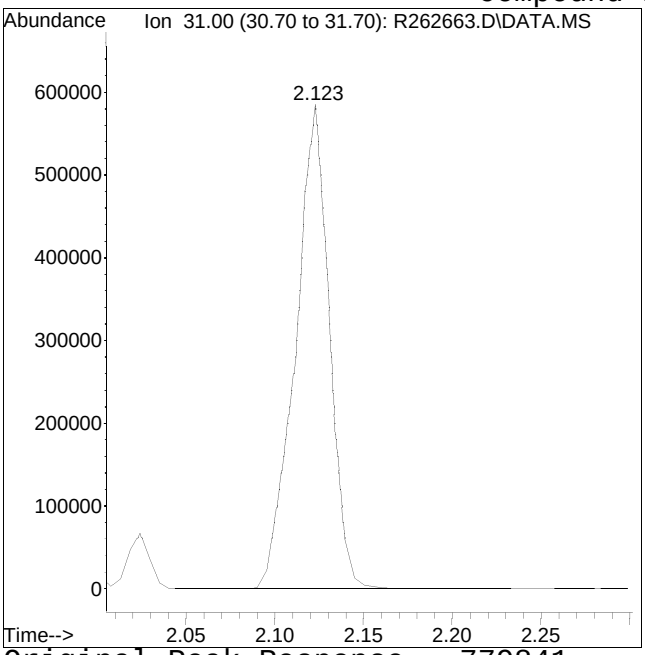
Manual Peak Response = 320426 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

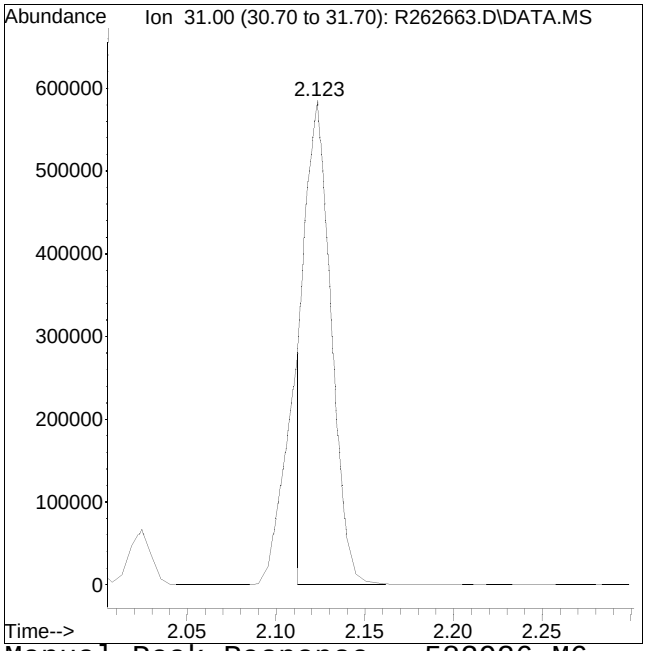
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262663.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 6:04 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 4/3/2025 12:16 pm

Compound #8: methanol



Original Peak Response = 779841



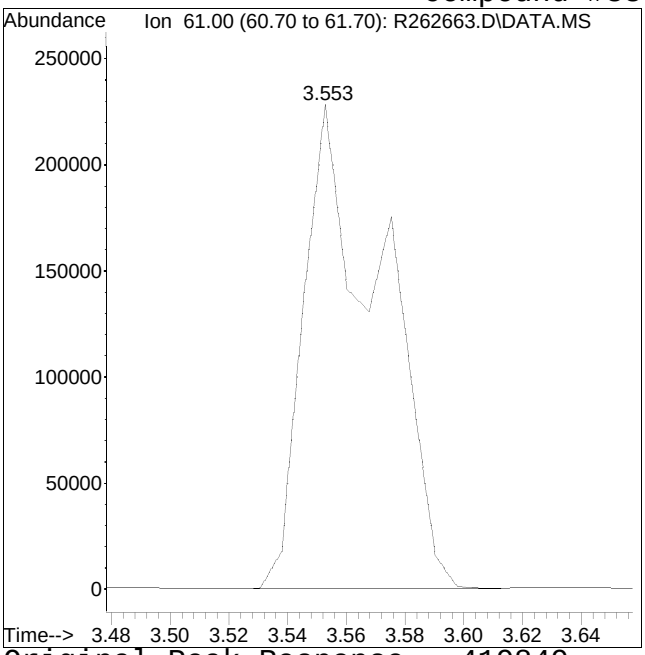
Manual Peak Response = 582926 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

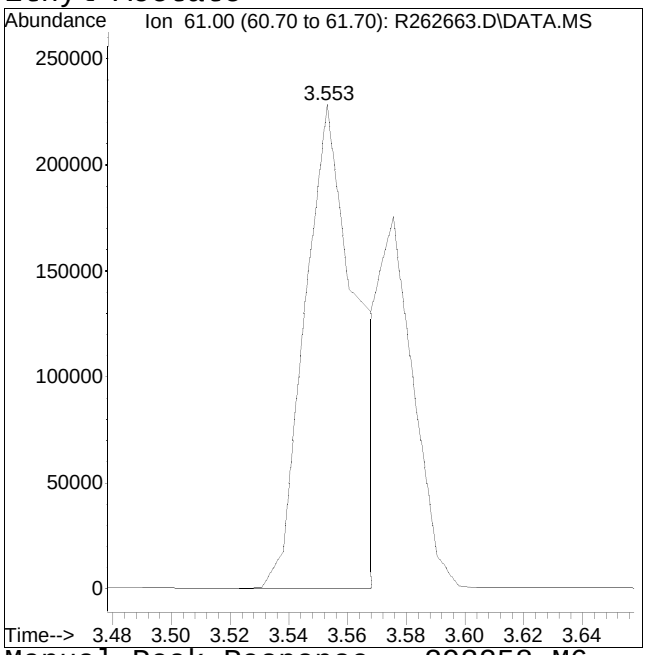
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262663.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 6:04 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 4/3/2025 12:16 pm

Compound #38: Ethyl Acetate



Original Peak Response = 419849



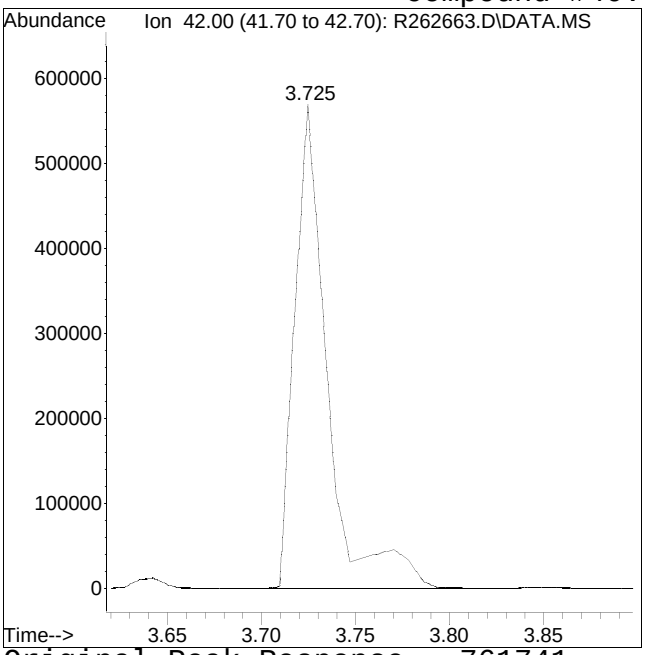
Manual Peak Response = 293258 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

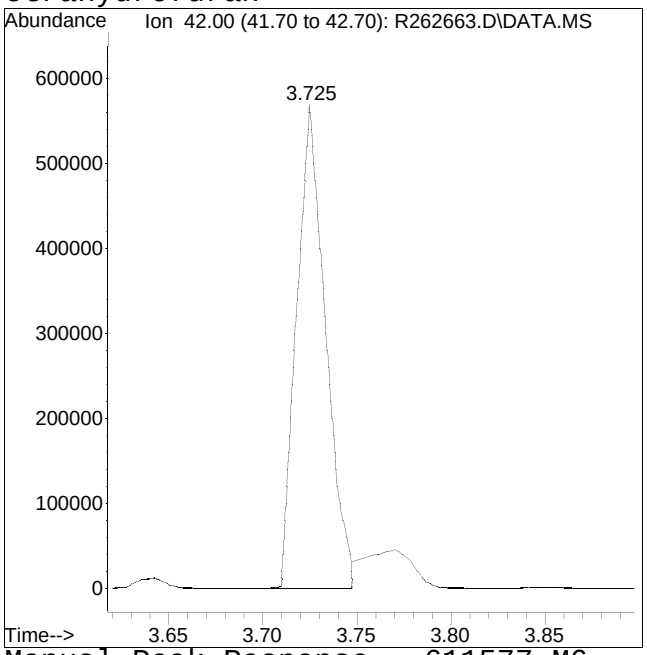
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262663.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 6:04 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 4/3/2025 12:16 pm

Compound #40: Tetrahydrofuran



Original Peak Response = 761741



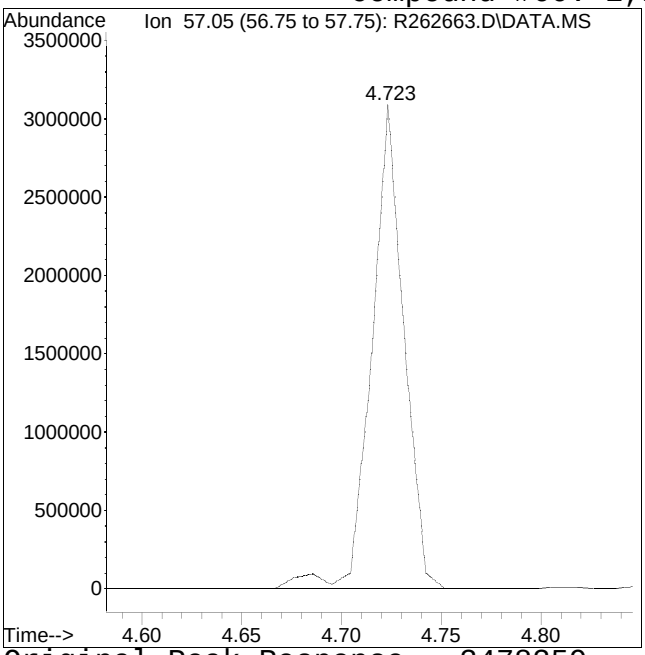
Manual Peak Response = 611577 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

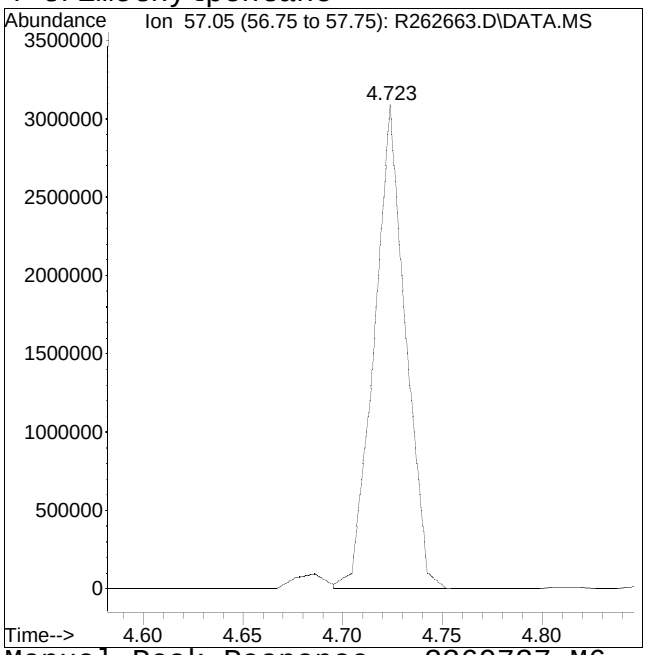
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262663.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 6:04 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 4/3/2025 12:16 pm

Compound #60: 2,2,4-trimethylpentane



Original Peak Response = 3478359



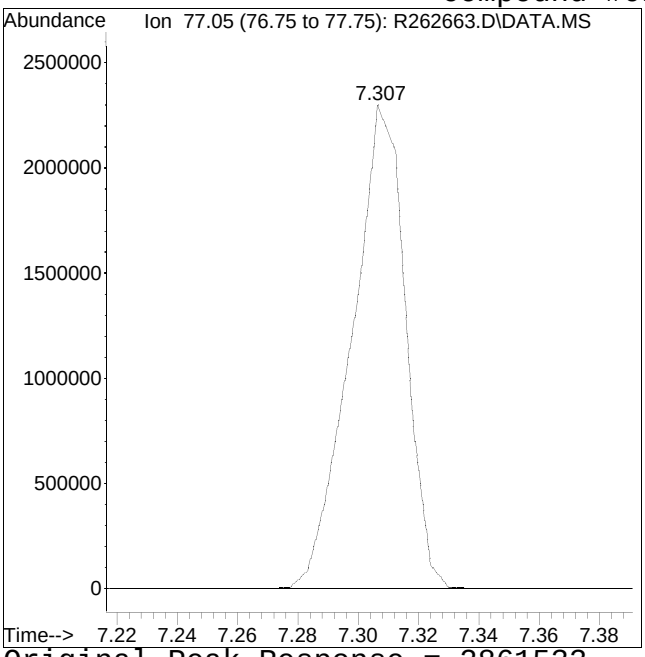
Manual Peak Response = 3369737 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

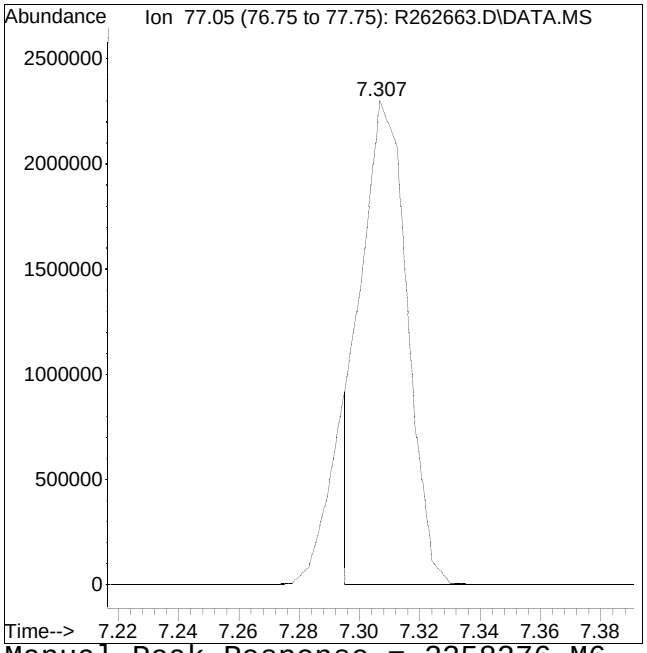
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262663.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 6:04 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 4/3/2025 12:16 pm

Compound #92: bromobenzene



Original Peak Response = 2861533



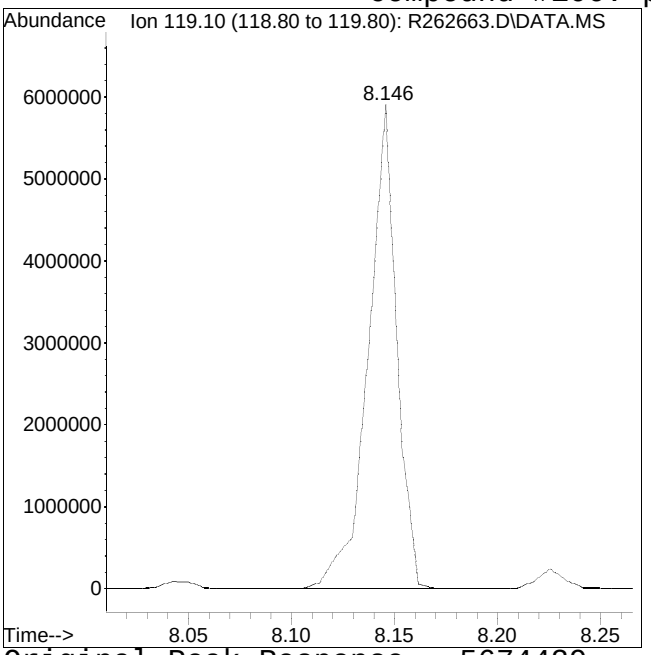
Manual Peak Response = 2358276 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

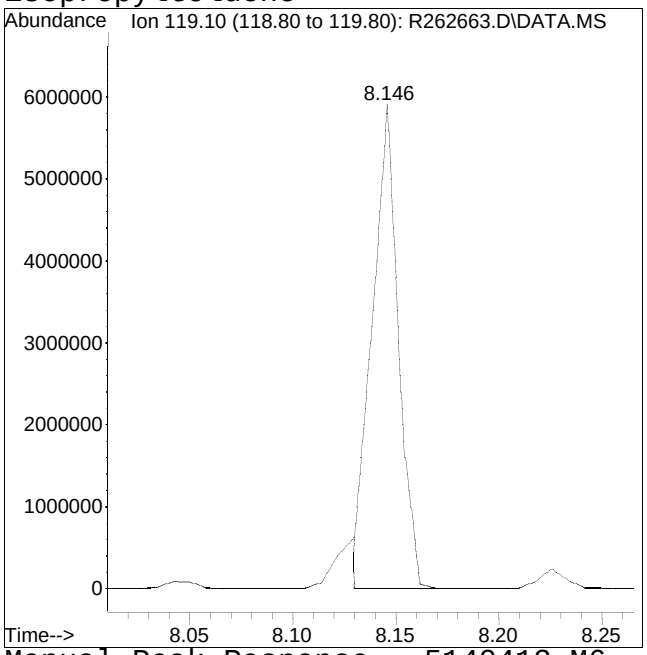
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262663.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 6:04 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 4/3/2025 12:16 pm

Compound #106: p-isopropyltoluene



Original Peak Response = 5674429



Manual Peak Response = 5140412 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262664.D
Acq On : 03 Apr 2025 06:40 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD100
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 12:16:44 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	201241	10.000	ppbV	0.00
Standard Area = 193196			Recovery = 104.16%			
43) 1,4-difluorobenzene	4.365	114	845796	10.000	ppbV	0.00
Standard Area = 834490			Recovery = 101.35%			
67) chlorobenzene-D5	6.455	54	103248	10.000	ppbV	0.00
Standard Area = 100761			Recovery = 102.47%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.827	65	220790	11.148	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.48%			
69) toluene-D8	5.541	98	692410	9.618	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.18%			
90) bromofluorobenzene	7.213	95	424015	9.828	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.28%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.991	51	447778M6	49.205	ppbV	
3) propylene	2.002	41	994770	89.576	ppbV	97
4) propane	2.008	29	564506	89.562	ppbV #	87
5) dichlorodifluoromethane	2.024	85	3737130	89.448	ppbV	97
6) chloromethane	2.074	50	1097542	90.771	ppbV	100
7) Freon-114	2.107	85	3757455	86.336	ppbV	92
8) methanol	2.123	31	1126796M6	418.271	ppbV	
9) vinyl chloride	2.145	62	1422838	93.318	ppbV	99
10) 1,3-butadiene	2.189	54	962983	92.462	ppbV	100
11) butane	2.205	43	1583071	90.600	ppbV	98
12) acetaldehyde	2.112	29	2161964	419.970	ppbV	98
13) bromomethane	2.271	94	1477419	91.748	ppbV	99
14) chloroethane	2.326	64	794584	93.022	ppbV	95
15) ethanol	2.359	31	2849950	443.840	ppbV	97
16) dichlorofluoromethane	2.354	67	3164442	88.554	ppbV	99
17) vinyl bromide	2.432	106	1690342	103.428	ppbV	95
18) acrolein	2.466	56	612120	91.836	ppbV	96
19) acetone	2.500	43	6358516	406.157	ppbV	95
20) acetonitrile	2.426	41	1037641	101.173	ppbV	98
21) trichlorofluoromethane	2.551	101	3360221	87.633	ppbV	97
22) isopropyl alcohol	2.568	45	4003612	236.050	ppbV	100
23) acrylonitrile	2.630	53	1085516	91.174	ppbV	98
24) pentane	2.653	43	1698391	75.229	ppbV	98

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262664.D
Acq On : 03 Apr 2025 06:40 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD100
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 12:16:44 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	2.653	31	824230	83.532	ppbV		99
26) 1,1-dichloroethene	2.727	61	2206863	90.735	ppbV		97
27) tertiary butyl alcohol	2.741	59	2679479	102.579	ppbV		99
28) methylene chloride	2.760	49	1172637	90.134	ppbV		95
29) 3-chloropropene	2.798	41	1191174	88.713	ppbV		96
30) carbon disulfide	2.846	76	3481724	84.749	ppbV		98
31) Freon 113	2.846	101	2841010	84.925	ppbV		94
32) trans-1,2-dichloroethene	3.062	61	1738991	90.189	ppbV		98
33) 1,1-dichloroethane	3.133	63	2287293	88.424	ppbV		100
34) MTBE	3.159	73	3609660	89.009	ppbV		99
35) vinyl acetate	3.195	43	2586421	97.354	ppbV		98
36) 2-butanone	3.279	43	2713266	107.739	ppbV		97
37) cis-1,2-dichloroethene	3.448	61	1998969	90.944	ppbV		97
38) Ethyl Acetate	3.553	61	520945M6	81.262	ppbV		
39) chloroform	3.568	83	3131664	87.800	ppbV		99
40) Tetrahydrofuran	3.725	42	1208232M6	97.405	ppbV		
41) 2,2-dichloropropane	3.575	77	2675095	90.141	ppbV		99
42) 1,2-dichloroethane	3.868	62	1887620	91.409	ppbV		98
44) hexane	3.545	57	2085543	89.981	ppbV	#	74
45) diisopropyl ether	3.553	87	1812517	93.342	ppbV		93
46) tert-butyl ethyl ether	3.778	59	4496802	93.979	ppbV		96
48) 1,1,1-trichloroethane	3.982	97	3859998	106.899	ppbV		98
49) 1,1-dichloropropene	4.130	75	2937157	94.175	ppbV		94
50) benzene	4.186	78	5106149	91.057	ppbV		99
51) thiophene	4.243	84	3997195	71.940	ppbV		95
52) carbon tetrachloride	4.252	117	3482230	92.969	ppbV		100
53) cyclohexane	4.309	56	2217742	93.555	ppbV		100
54) tert-amyl methyl ether	4.488	73	4807536	93.738	ppbV		97
55) dibromomethane	4.544	93	2051906	95.099	ppbV		96
56) 1,2-dichloropropane	4.563	63	1758032	94.891	ppbV		99
57) bromodichloromethane	4.657	83	3444475	92.503	ppbV		100
58) 1,4-dioxane	4.686	88	1240623	102.835	ppbV		99
59) trichloroethene	4.686	130	2739818	94.158	ppbV		97
60) 2,2,4-trimethylpentane	4.723	57	6376210M6	87.940	ppbV		
61) methyl methacrylate	4.818	41	1697818	94.645	ppbV		98
62) heptane	4.865	43	2103612	92.254	ppbV		99
63) cis-1,3-dichloropropene	5.110	75	2947868	96.334	ppbV		99
64) 4-methyl-2-pentanone	5.150	43	2763172	91.072	ppbV		95
65) trans-1,3-dichloropropene	5.381	75	2388050	97.791	ppbV		99
66) 1,1,2-trichloroethane	5.453	97	2319441	91.736	ppbV		99

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262664.D
Acq On : 03 Apr 2025 06:40 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD100
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 12:16:44 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.589	91	6419457	87.916	ppbV		96
70) 2-methylthiophene	5.621	97	5764717	65.529	ppbV		96
71) 1,3-dichloropropane	5.613	76	2940674	91.292	ppbV		97
72) 2-hexanone	5.756	43	2708136	91.664	ppbV		95
73) 3-methylthiophene	5.709	97	6184462	66.216	ppbV		96
74) dibromochloromethane	5.780	129	4016329	93.494	ppbV		99
75) 1,2-dibromoethane	5.900	107	3644470	92.686	ppbV		99
76) butyl acetate	6.092	73	853932	95.048	ppbV		97
77) octane	6.132	85	2107381	88.600	ppbV		98
78) tetrachloroethene	6.148	166	3439079	91.866	ppbV		95
79) 1,1,1,2-tetrachloroethane	6.471	131	2874717	91.587	ppbV		99
80) chlorobenzene	6.476	112	5355848	87.983	ppbV		97
81) ethylbenzene	6.678	91	7945438	84.186	ppbV		91
82) 2-ethylthiophene	6.695	97	6683079	63.199	ppbV		94
83) m+p-xylene	6.771	91	11695841	157.988	ppbV		92
84) bromoform	6.771	173	3923013	91.044	ppbV		96
85) styrene	6.940	104	5431863	90.114	ppbV		94
86) 1,1,2,2-tetrachloroethane	6.987	83	4645691	87.866	ppbV		97
87) o-xylene	6.992	91	6214845	86.956	ppbV		97
88) 1,2,3-trichloropropane	7.051	75	3541824	93.835	ppbV		96
89) nonane	7.161	43	3111426	87.706	ppbV		94
91) isopropylbenzene	7.301	105	8449184	80.507	ppbV	#	88
92) bromobenzene	7.312	77	4083735M6	66.178	ppbV		
93) 2-chlorotoluene	7.523	126	2654761	91.808	ppbV		77
94) n-propylbenzene	7.563	120	2758234	88.241	ppbV	#	1
95) 4-chlorotoluene	7.563	126	2602897	89.335	ppbV	#	29
96) 4-ethyl toluene	7.643	105	8655861	82.874	ppbV	#	89
97) 1,3,5-trimethylbenzene	7.683	105	7391386	83.696	ppbV	#	94
98) tert-butylbenzene	7.898	119	8111338	82.132	ppbV		94
99) 1,2,4-trimethylbenzene	7.906	105	7480305	83.319	ppbV		95
100) decane	8.010	57	4004937	84.247	ppbV		95
101) Benzyl Chloride	7.962	91	7045590	94.886	ppbV		91
102) 1,3-dichlorobenzene	7.962	146	5821477	88.057	ppbV		96
103) 1,4-dichlorobenzene	8.002	146	5898867	89.351	ppbV		95
104) sec-butylbenzene	8.050	105	9502441	72.232	ppbV	#	69
105) 1,2,3-trimethylbenzene	8.130	105	8433458	87.883	ppbV		91
106) p-isopropyltoluene	8.146	119	9403922M6	74.007	ppbV		
107) 1,2-dichlorobenzene	8.186	146	5913243	91.071	ppbV		96
108) n-butylbenzene	8.385	91	8271354	79.308	ppbV	#	78
109) indan	8.234	117	7383365	94.708	ppbV		93

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262664.D
Acq On : 03 Apr 2025 06:40 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD100
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 12:16:44 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default - All compounds listed

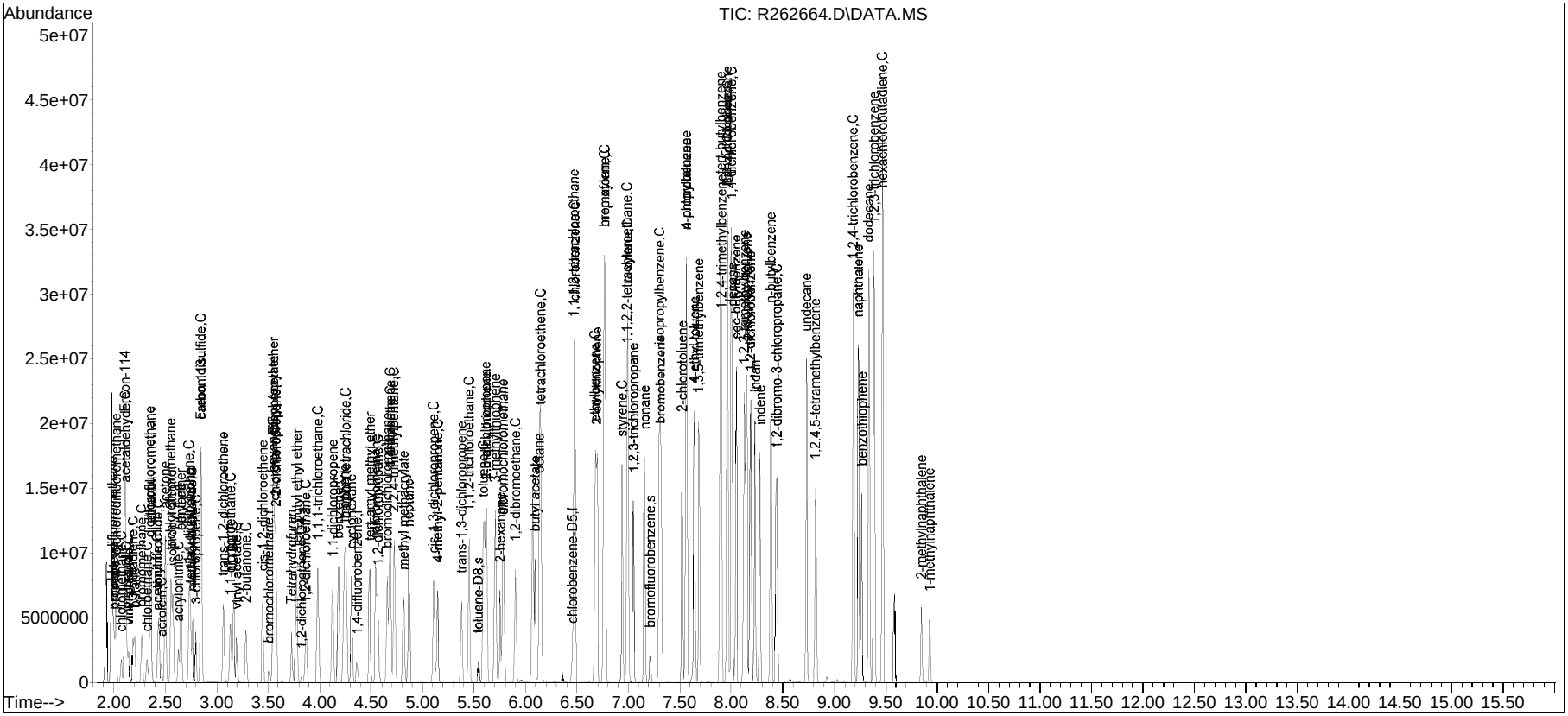
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	8.282	115	6366907	100.381	ppbV		100
111) 1,2-dibromo-3-chloropr...	8.441	75	2628626	99.574	ppbV		96
112) undecane	8.729	57	5347087	88.424	ppbV		98
113) 1,2,4,5-tetramethylben...	8.816	119	4931908	77.988	ppbV		94
114) dodecane	9.335	57	5859651	77.758	ppbV		98
115) 1,2,4-trichlorobenzene	9.183	180	6333460	97.862	ppbV	#	87
116) naphthalene	9.236	128	10085892	66.717	ppbV	#	76
117) 1,2,3-trichlorobenzene	9.388	180	6279369	90.860	ppbV	#	83
118) benzothiophene	9.271	134	6615939	78.157	ppbV		97
119) hexachlorobutadiene	9.464	225	4830247	93.148	ppbV	#	92
120) 2-methylnaphthalene	9.844	142	1568689	95.974	ppbV		100
121) 1-methylnaphthalene	9.926	142	1426708	69.949	ppbV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed4\0402T_I\R262661.D

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262664.D
Acq On : 03 Apr 2025 06:40 am
Operator : AIRLAB26:JJT
Sample : ITO15-LLSTD100
Misc : WG2049329
ALS Vial : 8 Sample Multiplier: 1

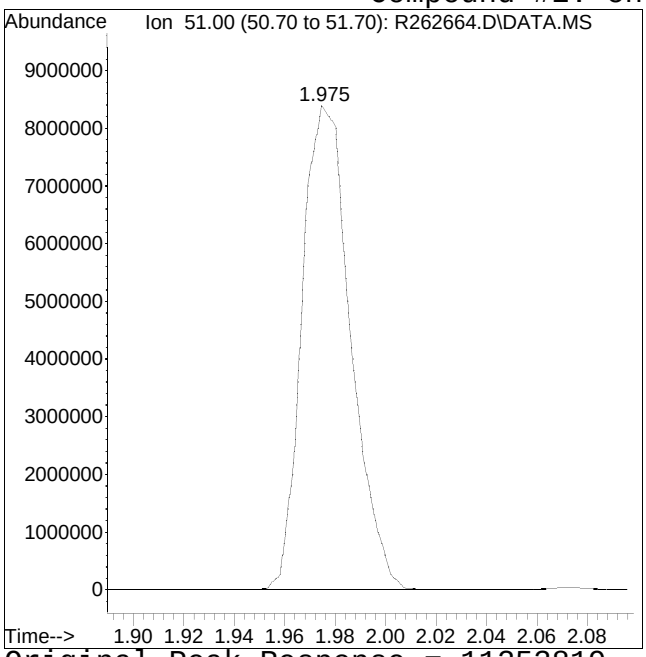
Quant Time: Apr 03 12:16:44 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 12:15:31 2025
Response via : Initial Calibration



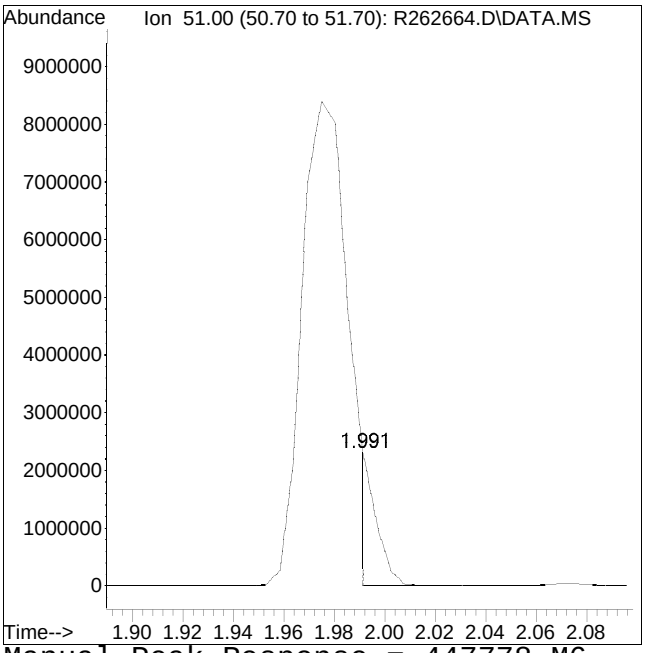
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262664.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 6:40 am Instrument : Airlab26
Sample : ITO15-LLSTD100 Quant Date : 4/3/2025 12:16 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 11253819



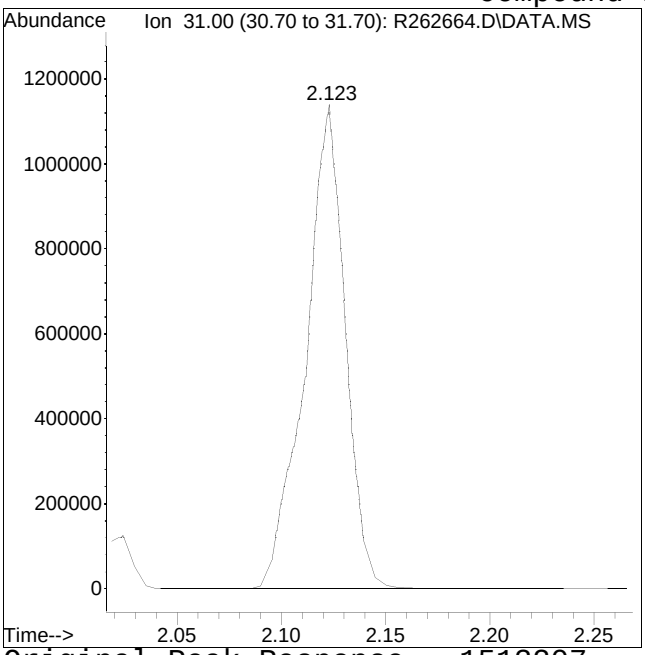
Manual Peak Response = 447778 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

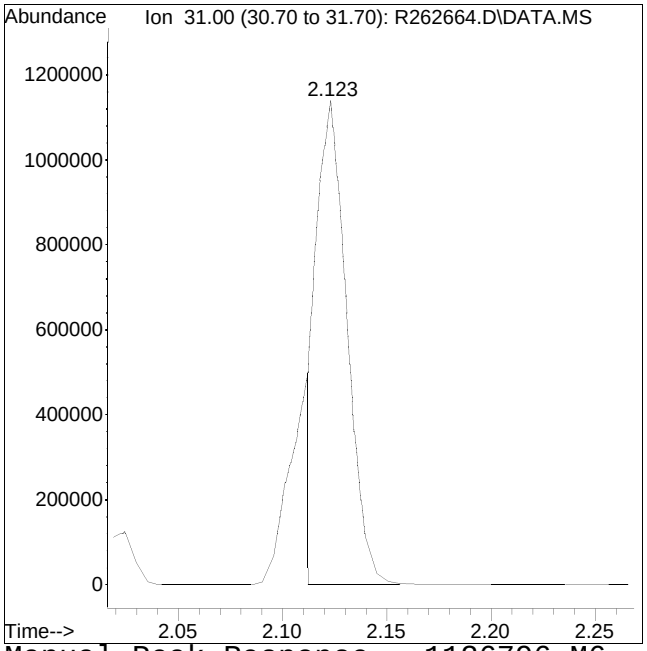
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262664.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 6:40 am Instrument : Airlab26
Sample : ITO15-LLSTD100 Quant Date : 4/3/2025 12:16 pm

Compound #8: methanol



Original Peak Response = 1513207



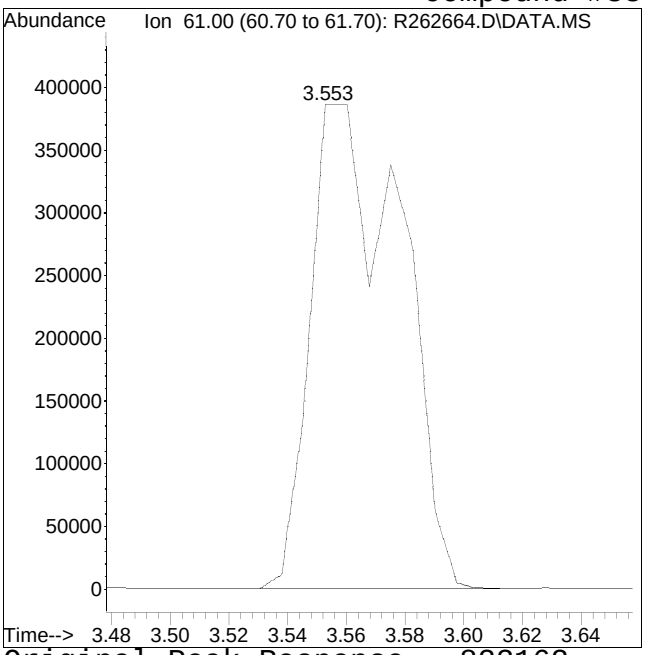
Manual Peak Response = 1126796 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

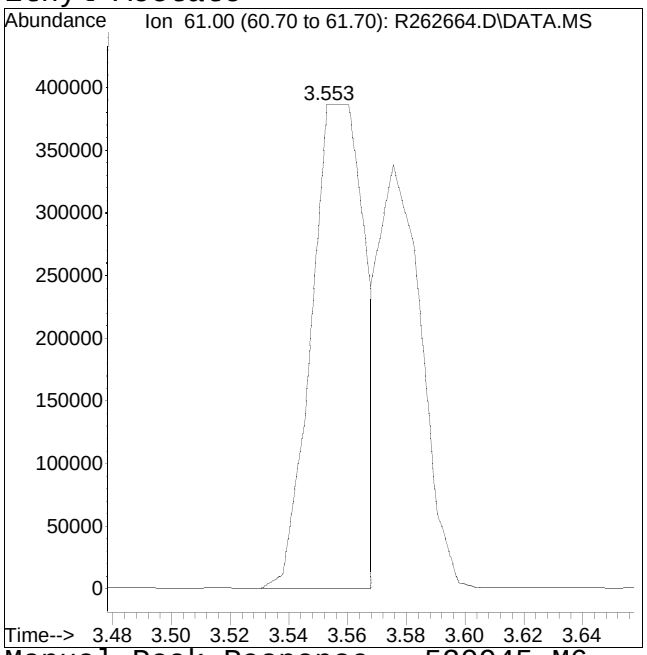
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262664.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 6:40 am Instrument : Airlab26
Sample : ITO15-LLSTD100 Quant Date : 4/3/2025 12:16 pm

Compound #38: Ethyl Acetate



Original Peak Response = 823162



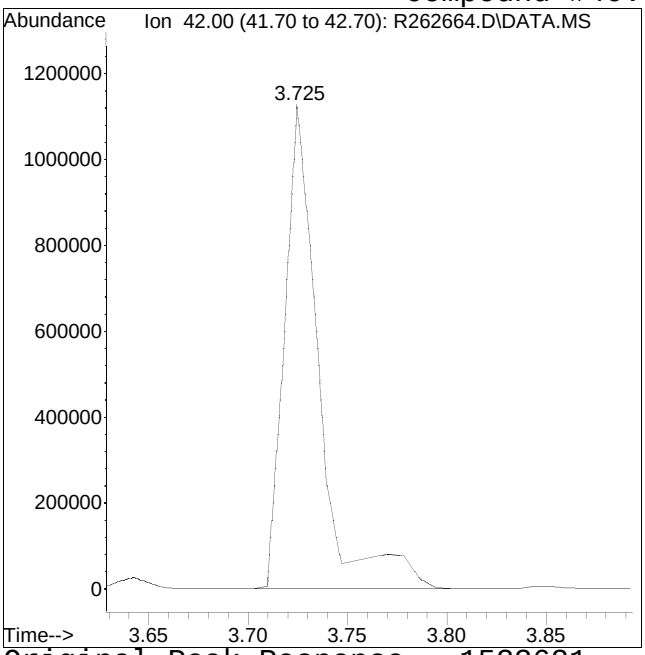
Manual Peak Response = 520945 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

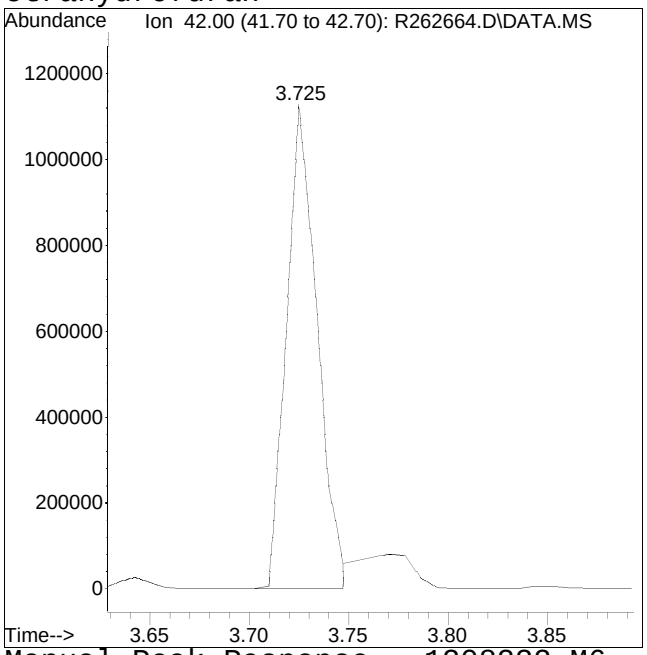
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262664.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 6:40 am Instrument : Airlab26
Sample : ITO15-LLSTD100 Quant Date : 4/3/2025 12:16 pm

Compound #40: Tetrahydrofuran



Original Peak Response = 1523621



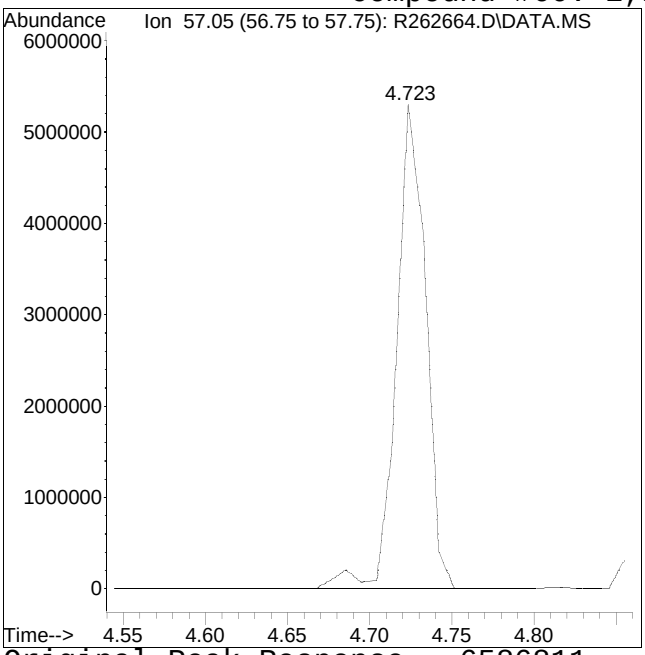
Manual Peak Response = 1208232 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

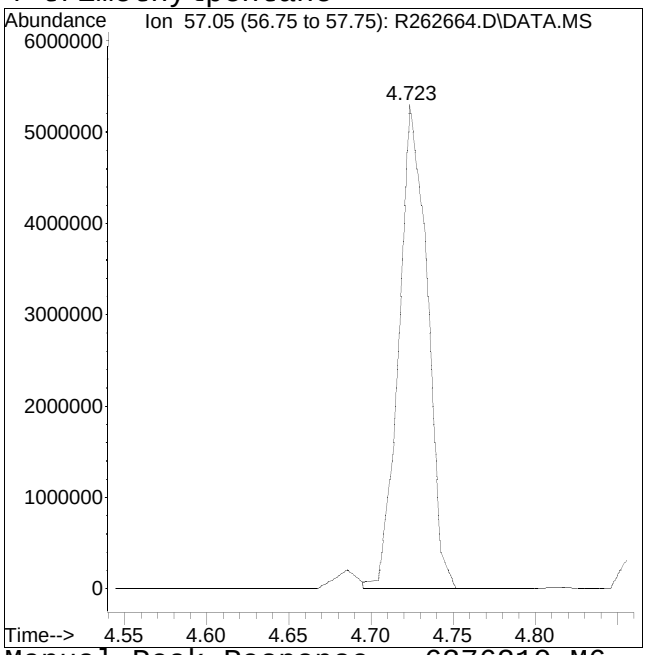
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262664.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 6:40 am Instrument : Airlab26
Sample : ITO15-LLSTD100 Quant Date : 4/3/2025 12:16 pm

Compound #60: 2,2,4-trimethylpentane



Original Peak Response = 6586811



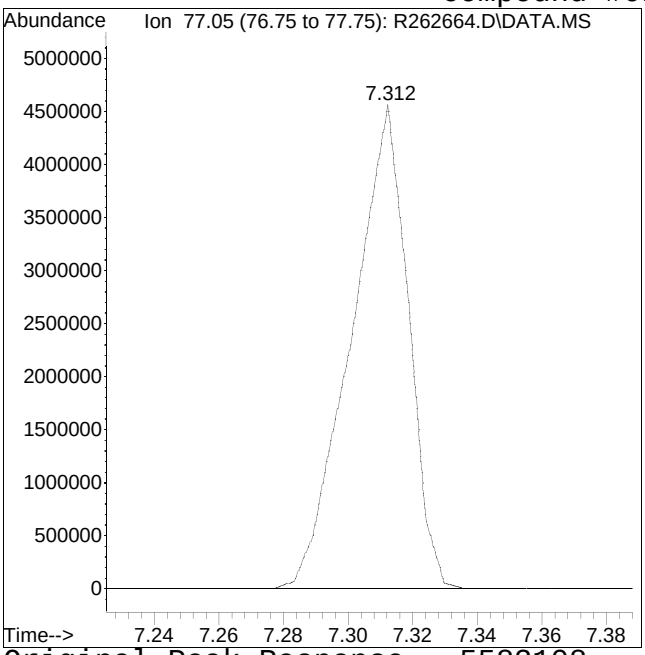
Manual Peak Response = 6376210 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

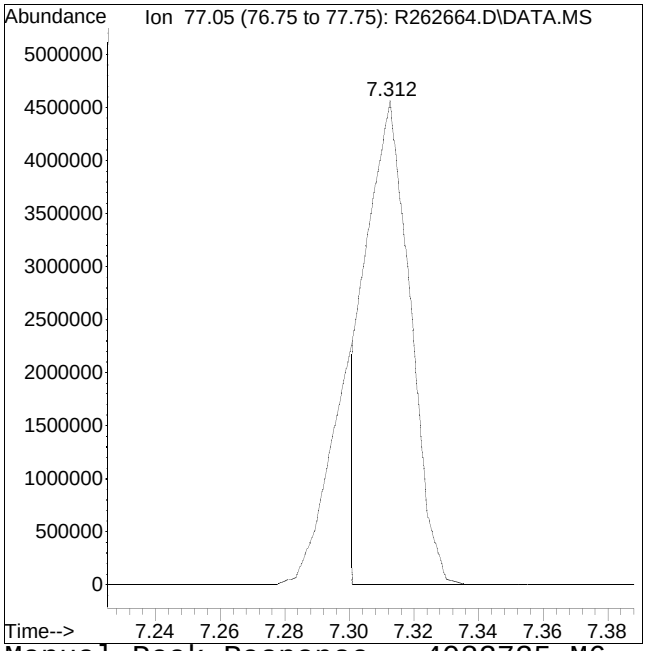
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262664.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 6:40 am Instrument : Airlab26
Sample : ITO15-LLSTD100 Quant Date : 4/3/2025 12:16 pm

Compound #92: bromobenzene



Original Peak Response = 5583108



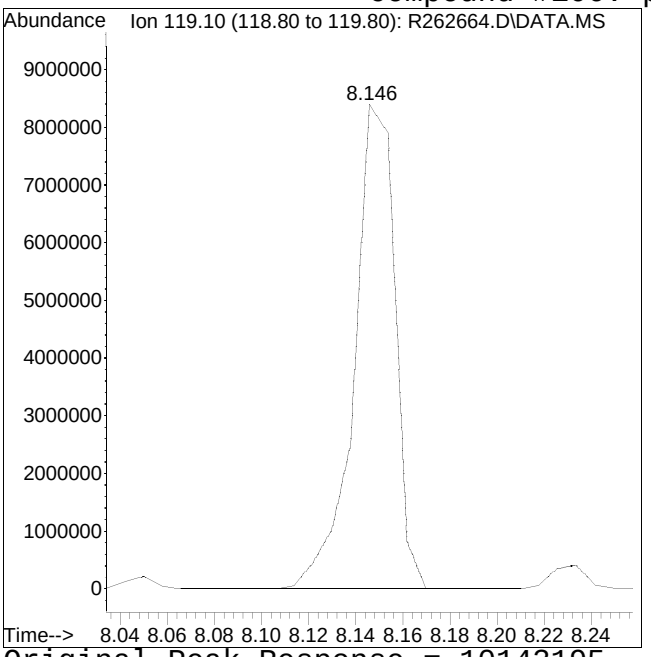
Manual Peak Response = 4083735 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

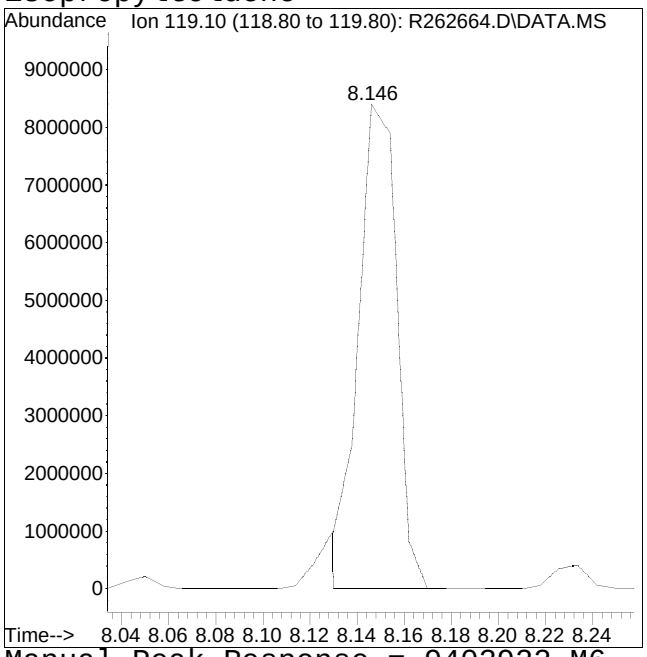
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262664.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 6:40 am Instrument : Airlab26
Sample : ITO15-LLSTD100 Quant Date : 4/3/2025 12:16 pm

Compound #106: p-isopropyltoluene



Original Peak Response = 10143195



Manual Peak Response = 9403922 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262667.D
Acq On : 03 Apr 2025 03:34 pm
Operator : AIRLAB26:JJT
Sample : CTO15-LLSTD010
Misc : WG2049329
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 20:45:10 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	96	0.00
2		chlorodifluoromethane	0.387	0.993	-156.6#	211#	0.00
3		propylene	0.576	0.587	-1.9	102	0.00
4		propane	0.352	0.330	6.2	101	0.00
5		dichlorodifluoromethane	2.163	2.297	-6.2	106	0.00
6	C	chloromethane	0.641	0.614	4.2	98	0.00
7		Freon-114	2.250	2.553	-13.5	113	0.00
8	C	methanol	0.135	0.118	12.6	84	0.00
9	C	vinyl chloride	0.803	0.846	-5.4	107	0.00
10	C	1,3-butadiene	0.580	0.547	5.7	102	0.00
11		butane	0.937	0.846	9.7	94	0.00
13	C	bromomethane	0.833	0.947	-13.7	114	0.00
14	C	chloroethane	0.467	0.486	-4.1	110	0.00
15		ethanol	0.336	0.297	11.6	89	0.00
16		dichlorofluoromethane	1.932	1.716	11.2	93	0.00
17	C	vinyl bromide	0.896	1.011	-12.8	120	0.00
18	C	acrolein	0.338	0.284	16.0	83	0.00
19		acetone	0.824	0.870	-5.6	107	0.00
20	C	acetonitrile	0.581	0.459	21.0	87	0.00
21		trichlorofluoromethane	1.978	2.121	-7.2	107	0.00
22		isopropyl alcohol	0.983	0.811	17.5	92	0.00
23	C	acrylonitrile	0.609	0.549	9.9	89	0.00
24		pentane	1.078	1.064	1.3	91	0.00
25		ethyl ether	0.520	0.489	6.0	96	0.00
26	C	1,1-dichloroethene	1.183	1.363	-15.2	108	0.00
27		tertiary butyl alcohol	1.471	1.373	6.7	102	0.00
28	C	methylene chloride	0.681	0.713	-4.7	106	0.00
29	C	3-chloropropene	0.711	0.701	1.4	101	0.00
30	C	carbon disulfide	2.100	2.176	-3.6	102	0.00
31		Freon 113	1.704	1.852	-8.7	107	0.00
32		trans-1,2-dichloroethene	0.985	1.029	-4.5	103	0.00
33	C	1,1-dichloroethane	1.343	1.399	-4.2	105	0.00
34	C	MTBE	2.095	2.211	-5.5	105	0.00
35	C	vinyl acetate	1.369	0.951	30.5#	69	0.00
36	C	2-butanone	1.357	1.442	-6.3	111	0.00
37		cis-1,2-dichloroethene	1.130	1.212	-7.3	107	0.00
38		Ethyl Acetate	0.301	0.314	-4.3	95	0.00
39	C	chloroform	1.826	1.959	-7.3	106	0.00
40		Tetrahydrofuran	0.659	0.725	-10.0	113	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262667.D
Acq On : 03 Apr 2025 03:34 pm
Operator : AIRLAB26:JJT
Sample : CTO15-LLSTD010
Misc : WG2049329
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 20:45:10 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	1.537	1.438	6.4	94	0.00
42	C	1,2-dichloroethane	1.076	1.105	-2.7	104	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	97	0.00
44	C	hexane	0.295	0.282	4.4	100	0.00
45		diisopropyl ether	0.233	0.230	1.3	97	0.00
46		tert-butyl ethyl ether	0.631	0.576	8.7	99	0.00
47	s	1,2-dichloroethane-D4	0.234	0.230	1.7	96	0.00
48	C	1,1,1-trichloroethane	0.443	0.461	-4.1	105	0.00
49		1,1-dichloropropene	0.355	0.374	-5.4	99	0.00
50	C	benzene	0.685	0.705	-2.9	104	0.00
52	C	carbon tetrachloride	0.456	0.486	-6.6	107	0.00
53		cyclohexane	0.293	0.298	-1.7	104	0.00
54		tert-amyl methyl ether	0.622	0.612	1.6	98	0.00
55		dibromomethane	0.262	0.248	5.3	95	0.00
56	C	1,2-dichloropropane	0.229	0.237	-3.5	105	0.00
57		bromodichloromethane	0.445	0.472	-6.1	104	0.00
58	C	1,4-dioxane	0.150	0.157	-4.7	107	0.00
59	C	trichloroethene	0.355	0.377	-6.2	107	0.00
60	C	2,2,4-trimethylpentane	0.897	0.927	-3.3	105	0.00
61		methyl methacrylate	0.217	0.201	7.4	92	0.00
62		heptane	0.286	0.286	0.0	103	0.00
63	C	cis-1,3-dichloropropene	0.363	0.421	-16.0	113	0.00
64	C	4-methyl-2-pentanone	0.357	0.369	-3.4	100	0.00
65		trans-1,3-dichloropropene	0.289	0.358	-23.9	121	0.00
66	C	1,1,2-trichloroethane	0.296	0.323	-9.1	105	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	94	0.00
68	C	toluene	7.247	7.882	-8.8	105	0.00
69	s	toluene-D8	6.881	7.271	-5.7	98	0.00
71		1,3-dichloropropane	3.233	3.124	3.4	94	0.00
72		2-hexanone	2.851	2.962	-3.9	98	0.00
74		dibromochloromethane	4.114	4.724	-14.8	107	0.00
75	C	1,2-dibromoethane	3.835	4.378	-14.2	108	0.00
76		butyl acetate	0.862	0.879	-2.0	95	0.00
77		octane	2.370	2.290	3.4	94	0.00
78	C	tetrachloroethene	3.816	4.157	-8.9	108	0.00
79		1,1,1,2-tetrachloroethane	3.062	2.976	2.8	92	0.00
80	C	chlorobenzene	5.992	6.570	-9.6	105	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262667.D
Acq On : 03 Apr 2025 03:34 pm
Operator : AIRLAB26:JJT
Sample : CTO15-LLSTD010
Misc : WG2049329
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 20:45:10 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	C	ethylbenzene	9.284	9.949	-7.2	103	0.00
83	C	m+p-xylene	7.256	8.023	-10.6	105	0.00
84	C	bromoform	4.043	4.774	-18.1	108	0.00
85	C	styrene	5.798	6.570	-13.3	106	0.00
86	C	1,1,2,2-tetrachloroethane	5.215	5.821	-11.6	107	0.00
87	C	o-xylene	7.144	7.831	-9.6	107	0.00
88		1,2,3-trichloropropane	3.742	3.702	1.1	95	0.00
89		nonane	3.460	3.360	2.9	92	0.00
90	s	bromofluorobenzene	4.113	4.329	-5.3	98	0.00
91	C	isopropylbenzene	10.228	10.329	-1.0	96	0.00
92		bromobenzene	4.707	4.861	-3.3	77	0.00
93		2-chlorotoluene	2.841	2.770	2.5	93	0.00
94		n-propylbenzene	3.073	3.060	0.4	95	0.00
95		4-chlorotoluene	2.842	2.742	3.5	92	0.00
96		4-ethyl toluene	10.014	11.062	-10.5	103	0.00
97		1,3,5-trimethylbenzene	8.578	9.813	-14.4	108	0.00
98		tert-butylbenzene	9.695	9.780	-0.9	96	0.00
99		1,2,4-trimethylbenzene	8.742	10.017	-14.6	109	0.00
100		decane	4.736	4.516	4.6	92	0.00
101	C	Benzyl Chloride	6.962	6.573	5.6	86	0.00
102		1,3-dichlorobenzene	6.413	7.456	-16.3	110	0.00
103	C	1,4-dichlorobenzene	6.475	7.541	-16.5	111	0.00
104		sec-butylbenzene	12.685	12.531	1.2	93	0.00
106		p-isopropyltoluene	10.985	10.501	4.4	93	0.00
107		1,2-dichlorobenzene	6.293	7.061	-12.2	106	0.00
108		n-butylbenzene	10.051	10.384	-3.3	97	0.00
111	C	1,2-dibromo-3-chloropropane	2.495	2.350	5.8	87	0.00
112		undecane	5.939	5.510	7.2	89	0.00
114		dodecane	6.420	6.657	-3.7	86	0.00
115	C	1,2,4-trichlorobenzene	6.097	7.268	-19.2	109	0.00
116		naphthalene	13.634	13.038	4.4	84	0.00
117		1,2,3-trichlorobenzene	5.995	6.278	-4.7	88	0.00
119	C	hexachlorobutadiene	5.056	5.703	-12.8	107	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262667.D
Acq On : 03 Apr 2025 03:34 pm
Operator : AIRLAB26:JJT
Sample : CTO15-LLSTD010
Misc : WG2049329
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 20:45:10 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	185744	10.000	ppbV	0.00
Standard Area = 193196			Recovery = 96.14%			
43) 1,4-difluorobenzene	4.366	114	812239	10.000	ppbV	0.00
Standard Area = 834490			Recovery = 97.33%			
67) chlorobenzene-D5	6.449	54	94913	10.000	ppbV	0.00
Standard Area = 100761			Recovery = 94.20%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.819	65	186706	9.840	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.40%			
69) toluene-D8	5.541	98	690117	10.566	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.66%			
90) bromofluorobenzene	7.214	95	410840	10.524	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.24%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.992	51	184476	25.650	ppbV #	77
3) propylene	2.002	41	109084	10.200	ppbV	98
4) propane	2.008	29	61264	9.373	ppbV #	72
5) dichlorodifluoromethane	2.024	85	426652	10.620	ppbV	98
6) chloromethane	2.074	50	113973	9.577	ppbV	98
7) Freon-114	2.107	85	474137	11.343	ppbV	99
8) methanol	2.123	31	109181M6	43.646	ppbV	
9) vinyl chloride	2.145	62	157146	10.531	ppbV	99
10) 1,3-butadiene	2.189	54	101618	9.430	ppbV	100
11) butane	2.206	43	157073	9.022	ppbV	97
13) bromomethane	2.272	94	175915	11.370	ppbV	98
14) chloroethane	2.327	64	90277	10.410	ppbV	98
15) ethanol	2.359	31	275493	44.190	ppbV	98
16) dichlorofluoromethane	2.354	67	318705	8.882	ppbV	100
17) vinyl bromide	2.438	106	187820	11.282	ppbV	96
18) acrolein	2.466	56	52838	8.428	ppbV	96
19) acetone	2.500	43	807751	52.778	ppbV	100
20) acetonitrile	2.432	41	85259	7.905	ppbV	97
21) trichlorofluoromethane	2.557	101	394008	10.726	ppbV	98
22) isopropyl alcohol	2.568	45	376525	20.615	ppbV	99
23) acrylonitrile	2.630	53	101883	9.004	ppbV	98
24) pentane	2.653	43	197657	9.870	ppbV	99
25) ethyl ether	2.659	31	90756	9.391	ppbV	99

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262667.D
Acq On : 03 Apr 2025 03:34 pm
Operator : AIRLAB26:JJT
Sample : CTO15-LLSTD010
Misc : WG2049329
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 20:45:10 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) 1,1-dichloroethene	2.732	61	253123	11.515	ppbV	94
27) tertiary butyl alcohol	2.736	59	254988	9.335	ppbV	99
28) methylene chloride	2.760	49	132422	10.472	ppbV	95
29) 3-chloropropene	2.798	41	130122	9.847	ppbV	98
30) carbon disulfide	2.851	76	404153	10.361	ppbV	98
31) Freon 113	2.846	101	343994	10.869	ppbV	97
32) trans-1,2-dichloroethene	3.062	61	191179	10.451	ppbV	99
33) 1,1-dichloroethane	3.133	63	259881	10.420	ppbV	100
34) MTBE	3.160	73	410708	10.552	ppbV	99
35) vinyl acetate	3.195	43	176587	6.946	ppbV	100
36) 2-butanone	3.279	43	267838	10.630	ppbV	99
37) cis-1,2-dichloroethene	3.449	61	225141	10.727	ppbV	98
38) Ethyl Acetate	3.553	61	58300M6	10.412	ppbV	
39) chloroform	3.568	83	363796	10.727	ppbV	99
40) Tetrahydrofuran	3.732	42	134734M6	11.010	ppbV	
41) 2,2-dichloropropane	3.576	77	267093	9.355	ppbV	98
42) 1,2-dichloroethane	3.868	62	205328	10.273	ppbV	99
44) hexane	3.546	57	229252	9.581	ppbV	87
45) diisopropyl ether	3.553	87	186705	9.850	ppbV	97
46) tert-butyl ethyl ether	3.779	59	468231	9.138	ppbV	98
48) 1,1,1-trichloroethane	3.982	97	374457	10.403	ppbV	99
49) 1,1-dichloropropene	4.130	75	303522	10.515	ppbV	94
50) benzene	4.186	78	572641	10.298	ppbV	100
52) carbon tetrachloride	4.252	117	394671	10.667	ppbV	97
53) cyclohexane	4.309	56	242316	10.175	ppbV	98
54) tert-amyl methyl ether	4.488	73	497466	9.853	ppbV	98
55) dibromomethane	4.545	93	201278	9.453	ppbV	97
56) 1,2-dichloropropane	4.563	63	192167	10.352	ppbV	98
57) bromodichloromethane	4.658	83	383495	10.600	ppbV	99
58) 1,4-dioxane	4.686	88	127343	10.429	ppbV	96
59) trichloroethene	4.686	130	306388	10.633	ppbV	98
60) 2,2,4-trimethylpentane	4.724	57	753132M6	10.338	ppbV	
61) methyl methacrylate	4.809	41	162973	9.227	ppbV	100
62) heptane	4.865	43	231916	9.983	ppbV	98
63) cis-1,3-dichloropropene	5.110	75	342088	11.605	ppbV	99
64) 4-methyl-2-pentanone	5.142	43	300036	10.333	ppbV	100
65) trans-1,3-dichloropropene	5.374	75	290484	12.356	ppbV	100
66) 1,1,2-trichloroethane	5.445	97	262005	10.892	ppbV	100
68) toluene	5.589	91	748093	10.876	ppbV	99
71) 1,3-dichloropropane	5.605	76	296509	9.664	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262667.D
Acq On : 03 Apr 2025 03:34 pm
Operator : AIRLAB26:JJT
Sample : CTO15-LLSTD010
Misc : WG2049329
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 20:45:10 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 2-hexanone	5.749	43	281123	10.390	ppbV	99
74) dibromochloromethane	5.781	129	448332	11.482	ppbV	100
75) 1,2-dibromoethane	5.900	107	415549	11.417	ppbV	100
76) butyl acetate	6.092	73	83388	10.187	ppbV	98
77) octane	6.132	85	217393	9.665	ppbV	98
78) tetrachloroethene	6.148	166	394521	10.892	ppbV	90
79) 1,1,1,2-tetrachloroethane	6.471	131	282426	9.718	ppbV	99
80) chlorobenzene	6.471	112	623566	10.964	ppbV	99
81) ethylbenzene	6.673	91	944297	10.716	ppbV	99
83) m+p-xylene	6.766	91	1522932	22.115	ppbV	99
84) bromoform	6.766	173	453118	11.807	ppbV	99
85) styrene	6.940	104	623575	11.332	ppbV	99
86) 1,1,2,2-tetrachloroethane	6.981	83	552453	11.161	ppbV	99
87) o-xylene	6.993	91	743280	10.962	ppbV	100
88) 1,2,3-trichloropropane	7.051	75	351379	9.894	ppbV	95
89) nonane	7.156	43	318933	9.710	ppbV	99
91) isopropylbenzene	7.295	105	980319	10.098	ppbV	100
92) bromobenzene	7.307	77	461327M6	10.327	ppbV	
93) 2-chlorotoluene	7.523	126	262920	9.749	ppbV	91
94) n-propylbenzene	7.555	120	290438	9.957	ppbV	93
95) 4-chlorotoluene	7.563	126	260242	9.649	ppbV	89
96) 4-ethyl toluene	7.635	105	1049942	11.047	ppbV	100
97) 1,3,5-trimethylbenzene	7.683	105	931385	11.440	ppbV	99
98) tert-butylbenzene	7.891	119	928272	10.088	ppbV	97
99) 1,2,4-trimethylbenzene	7.899	105	950764	11.459	ppbV	99
100) decane	8.002	57	428650	9.536	ppbV	99
101) Benzyl Chloride	7.954	91	623819	9.440	ppbV	99
102) 1,3-dichlorobenzene	7.954	146	707682	11.627	ppbV	99
103) 1,4-dichlorobenzene	7.994	146	715700	11.645	ppbV	100
104) sec-butylbenzene	8.042	105	1189387	9.878	ppbV	98
106) p-isopropyltoluene	8.146	119	996642M6	9.559	ppbV	
107) 1,2-dichlorobenzene	8.178	146	670219	11.221	ppbV	99
108) n-butylbenzene	8.386	91	985616	10.332	ppbV	97
111) 1,2-dibromo-3-chloropr...	8.433	75	223017	9.416	ppbV	99
112) undecane	8.729	57	522955	9.277	ppbV	98
114) dodecane	9.336	57	631851	10.369	ppbV	100
115) 1,2,4-trichlorobenzene	9.184	180	689806	11.921	ppbV	99
116) naphthalene	9.236	128	1237475	9.563	ppbV	98
117) 1,2,3-trichlorobenzene	9.388	180	595824	10.471	ppbV	98
119) hexachlorobutadiene	9.464	225	541256	11.278	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262667.D
Acq On : 03 Apr 2025 03:34 pm
Operator : AIRLAB26:JJT
Sample : CTO15-LLSTD010
Misc : WG2049329
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 20:45:10 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\04\0402T_I\R262661.D
Sub List : Default-ICV-AP2 - All compounds listed

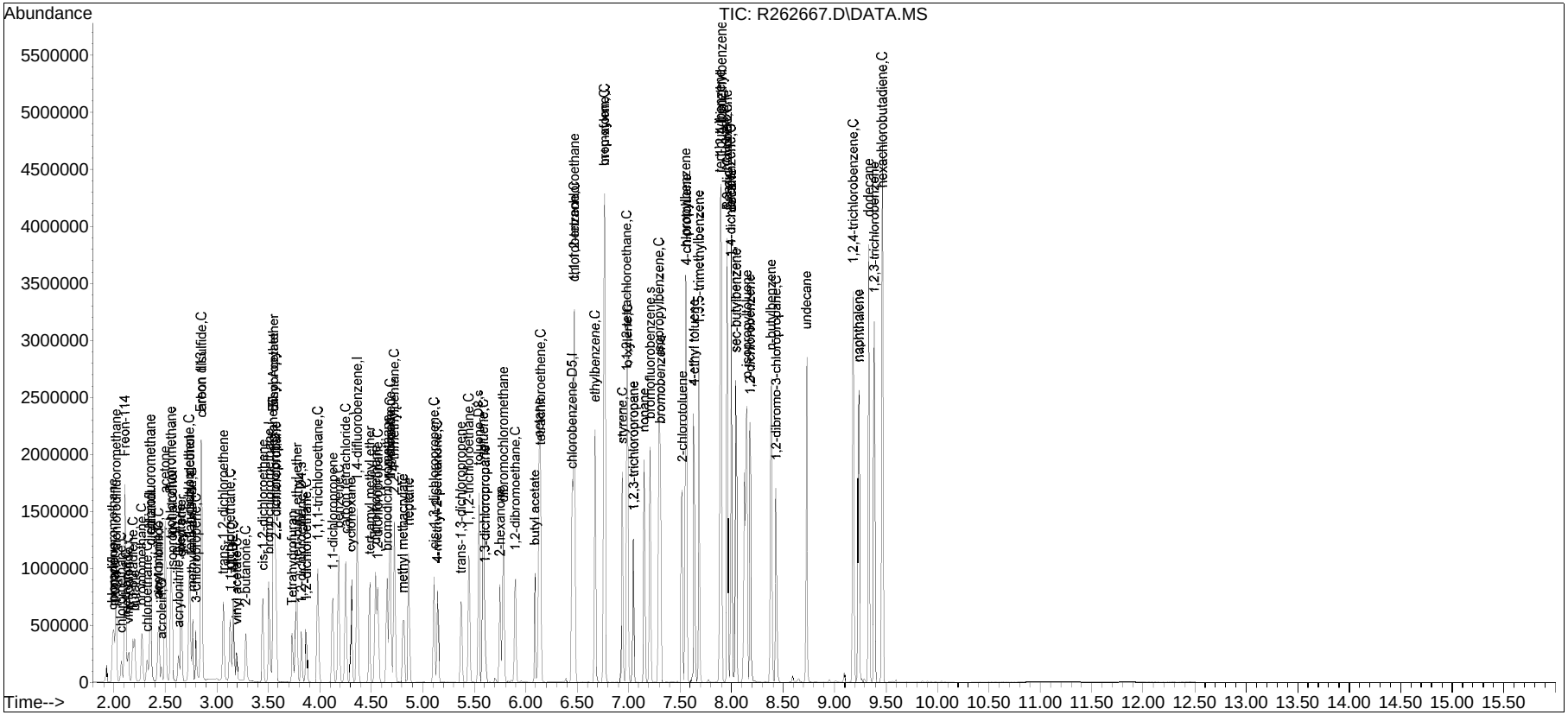
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listedI\R262661.D

Data Path : X:\Airlab\Data\Airlab26\2025\04\0402T_I\
Data File : R262667.D
Acq On : 03 Apr 2025 03:34 pm
Operator : AIRLAB26:JJT
Sample : CTO15-LLSTD010
Misc : WG2049329
ALS Vial : 2 Sample Multiplier: 1

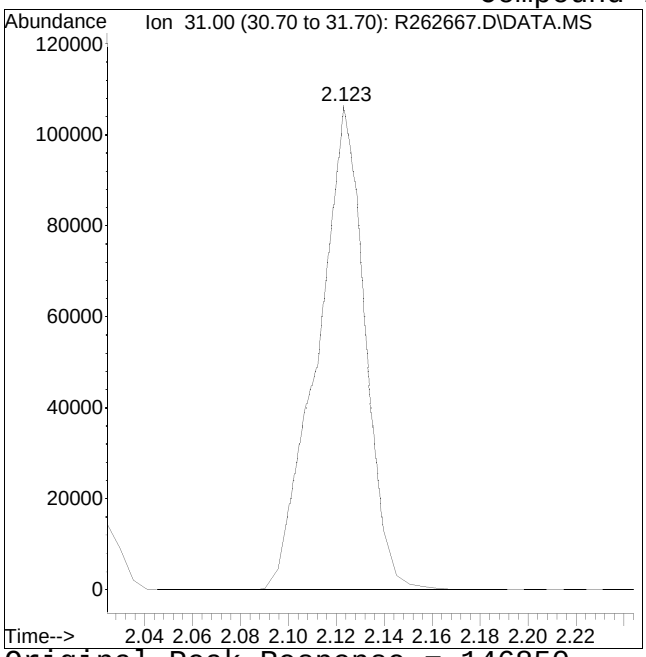
Quant Time: Apr 03 20:45:10 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\04\0402T_I\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration



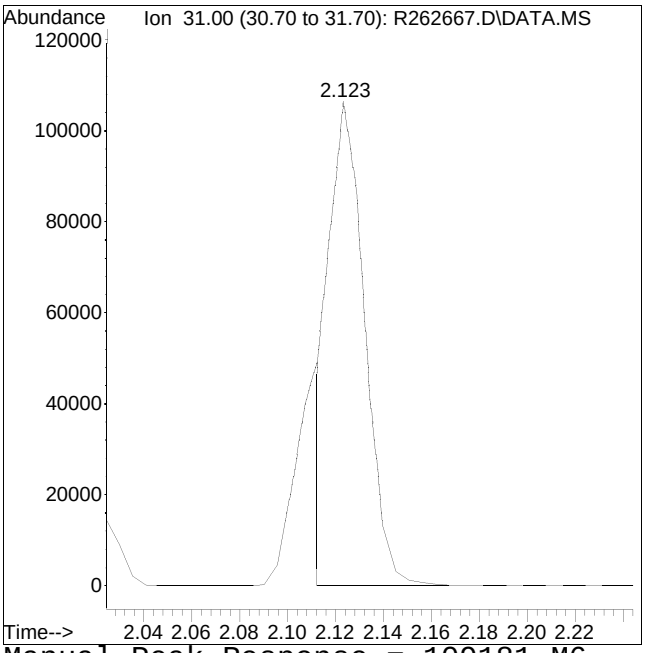
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262667.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:34 pm Instrument : Airlab26
Sample : CTO15-LLSTD010 Quant Date : 4/3/2025 8:45 pm

Compound #8: methanol



Original Peak Response = 146850



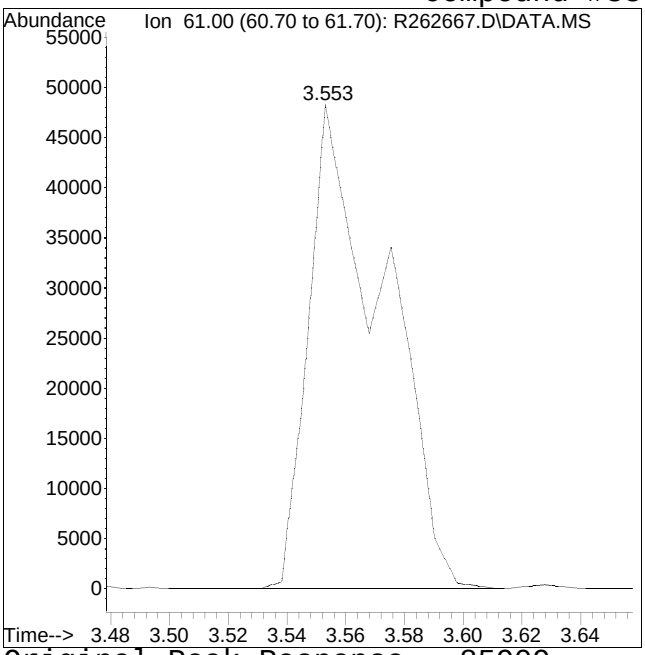
Manual Peak Response = 109181 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

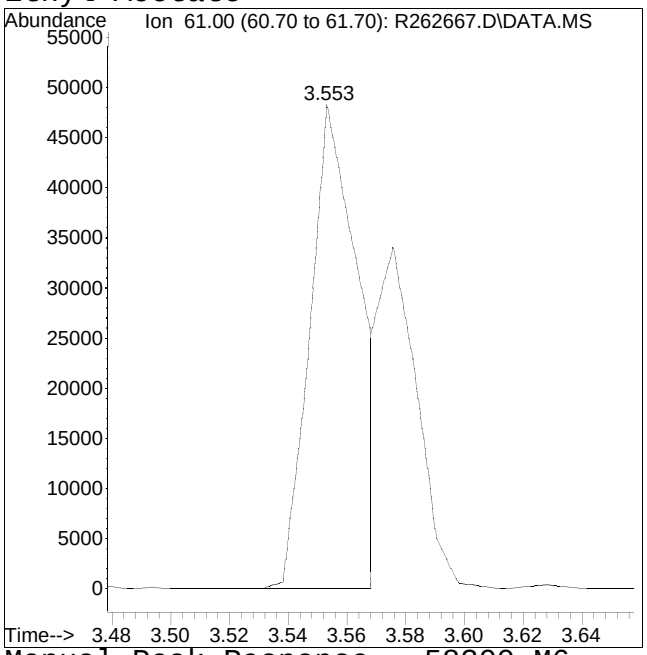
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262667.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:34 pm Instrument : Airlab26
Sample : CTO15-LLSTD010 Quant Date : 4/3/2025 8:45 pm

Compound #38: Ethyl Acetate



Original Peak Response = 85909



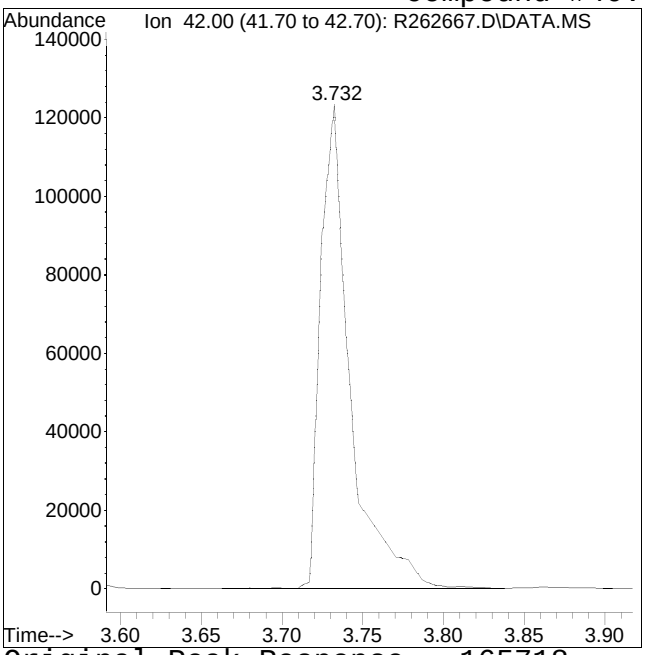
Manual Peak Response = 58300 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

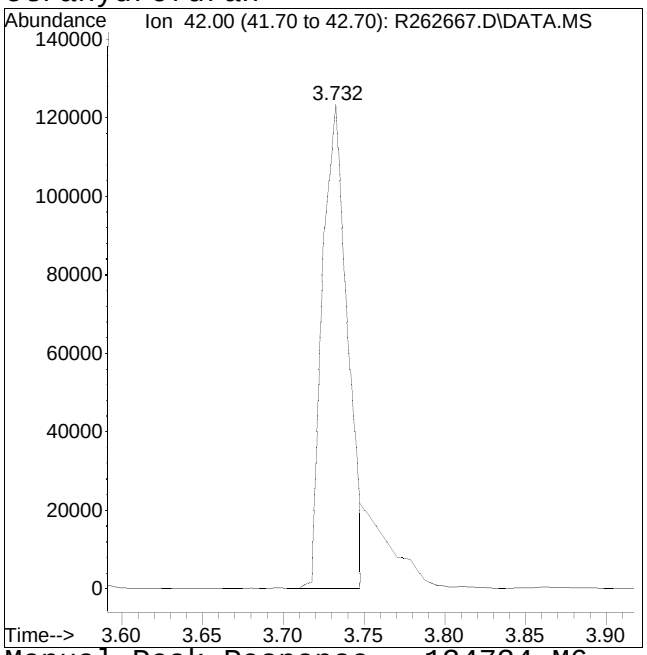
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262667.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:34 pm Instrument : Airlab26
Sample : CTO15-LLSTD010 Quant Date : 4/3/2025 8:45 pm

Compound #40: Tetrahydrofuran



Original Peak Response = 165718



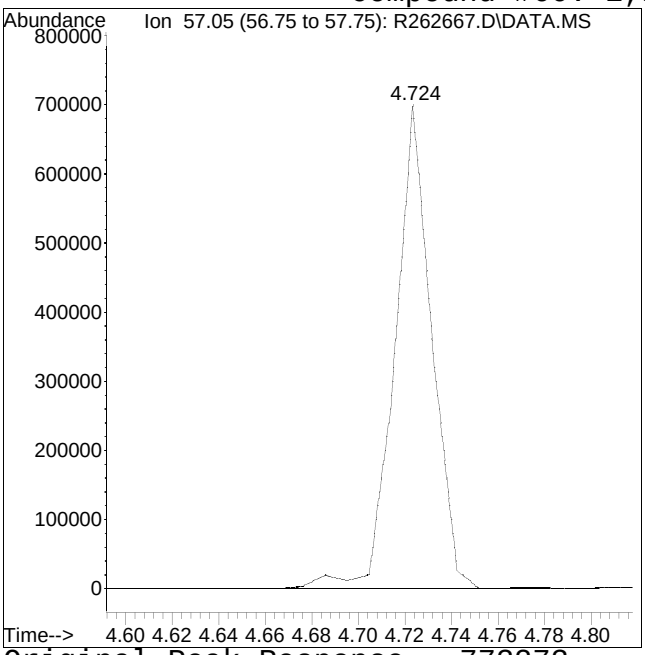
Manual Peak Response = 134734 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

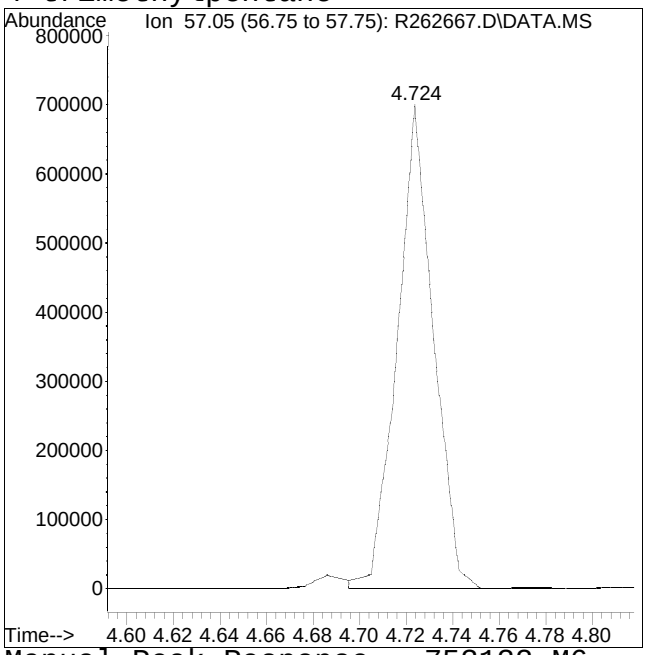
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262667.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:34 pm Instrument : Airlab26
Sample : CTO15-LLSTD010 Quant Date : 4/3/2025 8:45 pm

Compound #60: 2,2,4-trimethylpentane



Original Peak Response = 773273



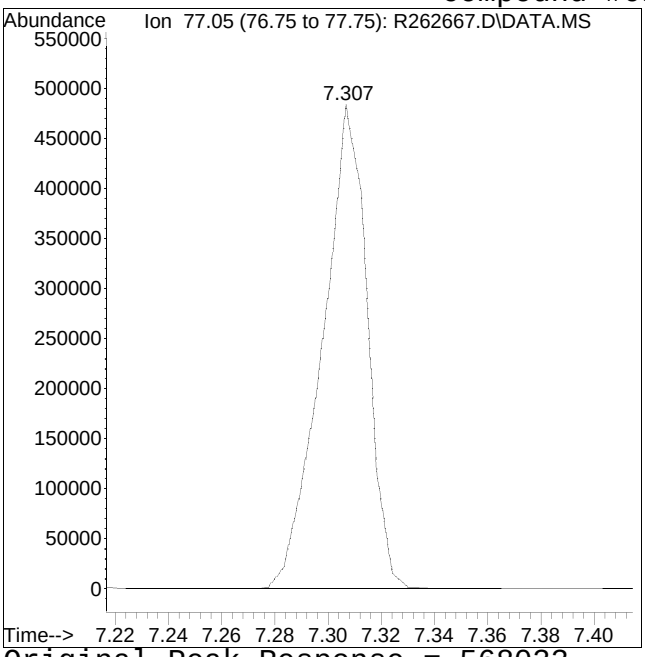
Manual Peak Response = 753132 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

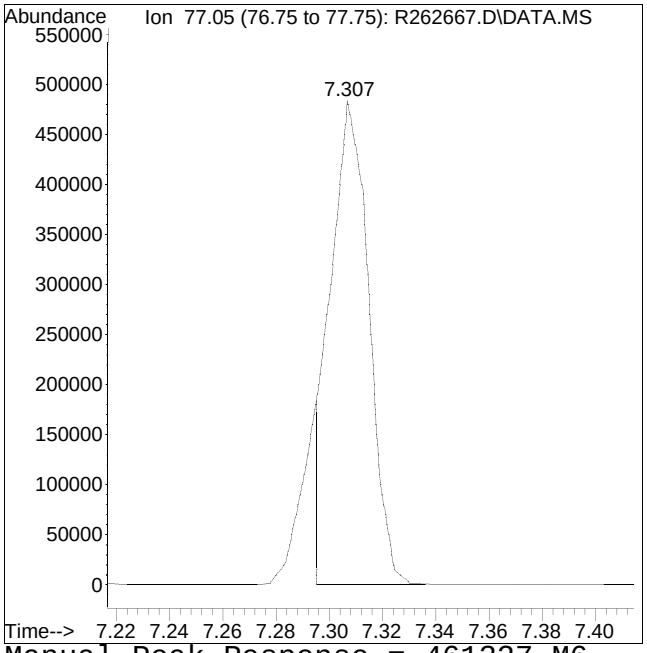
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262667.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:34 pm Instrument : Airlab26
Sample : CTO15-LLSTD010 Quant Date : 4/3/2025 8:45 pm

Compound #92: bromobenzene



Original Peak Response = 568033



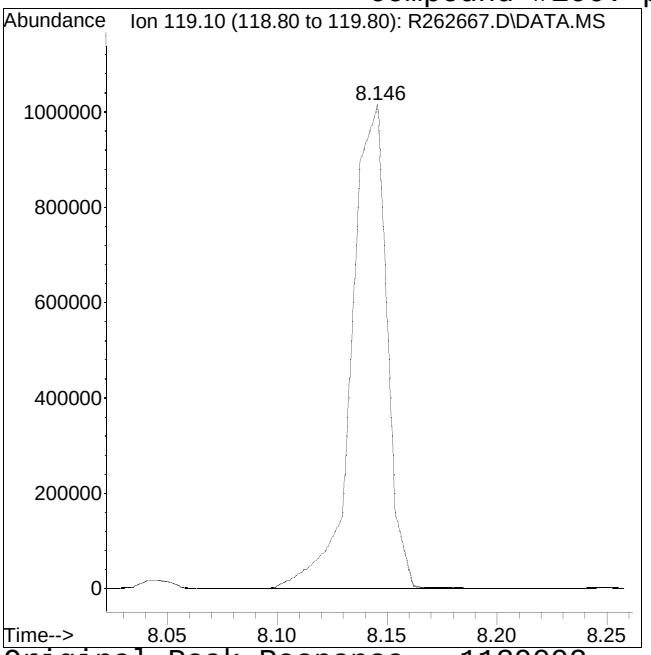
Manual Peak Response = 461327 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

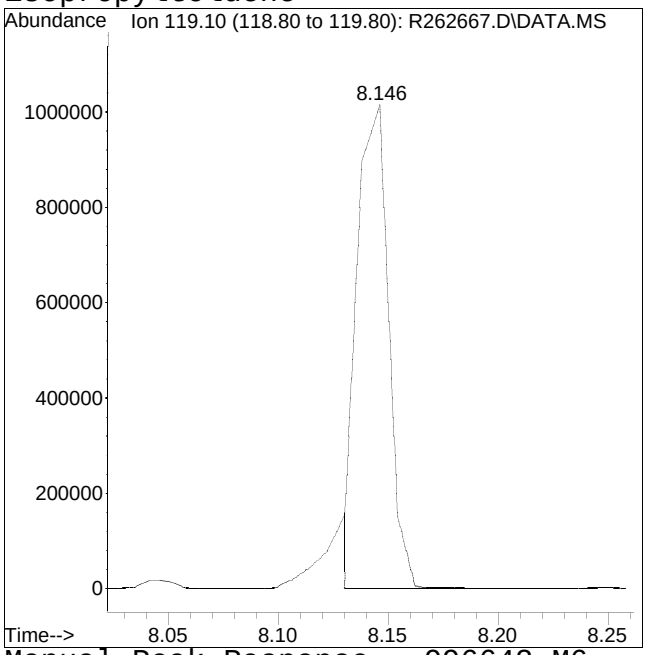
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R262667.D Operator : AIRLAB26:JJT
Date Inj'd : 4/3/2025 3:34 pm Instrument : Airlab26
Sample : CTO15-LLSTD010 Quant Date : 4/3/2025 8:45 pm

Compound #106: p-isopropyltoluene



Original Peak Response = 1139092



Manual Peak Response = 996642 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		Lab Number	: L2536987	
Project Name	: 1885 ATLANTIC AVE.		Project Number	: 0205125	
Instrument ID	: AIRLAB26		Calibration Date	: 06/17/25 11:58	
Lab File ID	: R264394		Init. Calib. Date(s)	: 04/03/25	04/03/25
Sample No	: WG2080108-2		Init. Calib. Times	: 02:36	06:40
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	96	0
chlorodifluoromethane	0.387	0.999	-	-158.1*	30	213	0
propylene	0.576	0.574	-	0.3	30	100	0
propane	0.352	0.32	-	9.1	30	99	0
dichlorodifluoromethane	2.163	1.979	-	8.5	30	92	0
chloromethane	0.641	0.521	-	18.7	30	84	0
Freon-114	2.25	2.174	-	3.4	30	97	0
methanol	0.135	0.144	-	-6.7	30	104	0
vinyl chloride	0.803	0.698	-	13.1	30	89	0
1,3-butadiene	0.58	0.472	-	18.6	30	88	0
butane	0.937	0.716	-	23.6	30	80	0
bromomethane	0.833	0.792	-	4.9	30	96	0
chloroethane	0.467	0.391	-	16.3	30	89	0
ethanol	0.336	0.248	-	26.2	30	75	0
dichlorofluoromethane	1.932	1.477	-	23.6	30	80	0
vinyl bromide	0.896	0.743	-	17.1	30	88	0
acrolein	0.338	0.229	-	32.2*	30	67	0
acetone	0.824	0.653	-	20.8	30	81	0
acetonitrile	0.581	0.373	-	35.8*	30	71	0
trichlorofluoromethane	1.978	1.733	-	12.4	30	88	0
isopropyl alcohol	0.983	0.696	-	29.2	30	80	0
acrylonitrile	0.609	0.43	-	29.4	30	70	0
pentane	1.078	0.778	-	27.8	30	67	0
ethyl ether	0.52	0.341	-	34.4*	30	67	0
1,1-dichloroethene	1.183	1.043	-	11.8	30	83	0
tertiary butyl alcohol	1.471	1.028	-	30.1*	30	76	0
methylene chloride	0.681	0.531	-	22	30	79	0
3-chloropropene	0.711	0.495	-	30.4*	30	72	0
carbon disulfide	2.1	1.654	-	21.2	30	78	0
Freon 113	1.704	1.4	-	17.8	30	81	0
trans-1,2-dichloroethene	0.985	0.741	-	24.8	30	75	0
1,1-dichloroethane	1.343	1.015	-	24.4	30	76	0
MTBE	2.095	1.56	-	25.5	30	75	0
vinyl acetate	1.369	0.722	-	47.3*	30	53	0
2-butanone	1.357	1.193	-	12.1	30	92	0
cis-1,2-dichloroethene	1.13	1.067	-	5.6	30	94	0
Ethyl Acetate	0.301	0.32	-	-6.3	30	97	0
chloroform	1.826	1.791	-	1.9	30	97	0
Tetrahydrofuran	0.659	0.646	-	2	30	101	0
2,2-dichloropropane	1.537	1.237	-	19.5	30	81	0
1,2-dichloroethane	1.076	0.99	-	8	30	93	0
1,4-difluorobenzene	1	1	-	0	30	87	0
hexane	0.295	0.323	-	-9.5	30	103	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		Lab Number	: L2536987	
Project Name	: 1885 ATLANTIC AVE.		Project Number	: 0205125	
Instrument ID	: AIRLAB26		Calibration Date	: 06/17/25 11:58	
Lab File ID	: R264394		Init. Calib. Date(s)	: 04/03/25	04/03/25
Sample No	: WG2080108-2		Init. Calib. Times	: 02:36	06:40
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.233	0.227	-	2.6	30	86	0
tert-butyl ethyl ether	0.631	0.525	-	16.8	30	81	0
1,1,1-trichloroethane	0.443	0.457	-	-3.2	30	93	0
1,1-dichloropropene	0.355	0.374	-	-5.4	30	88	0
benzene	0.685	0.726	-	-6	30	95	0
carbon tetrachloride	0.456	0.473	-	-3.7	30	93	0
cyclohexane	0.293	0.304	-	-3.8	30	94	0
tert-amyl methyl ether	0.622	0.58	-	6.8	30	83	0
dibromomethane	0.262	0.264	-	-0.8	30	90	0
1,2-dichloropropane	0.229	0.242	-	-5.7	30	96	0
bromodichloromethane	0.445	0.501	-	-12.6	30	99	0
1,4-dioxane	0.15	0.158	-	-5.3	30	96	0
trichloroethene	0.355	0.357	-	-0.6	30	90	0
2,2,4-trimethylpentane	0.897	0.992	-	-10.6	30	101	0
methyl methacrylate	0.217	0.198	-	8.8	30	81	0
heptane	0.286	0.304	-	-6.3	30	98	0
cis-1,3-dichloropropene	0.363	0.395	-	-8.8	30	95	0
4-methyl-2-pentanone	0.357	0.389	-	-9	30	94	0
trans-1,3-dichloropropene	0.289	0.342	-	-18.3	30	103	0
1,1,2-trichloroethane	0.296	0.328	-	-10.8	30	95	0
chlorobenzene-D5	1	1	-	0	30	89	0
toluene	7.247	7.388	-	-1.9	30	93	0
1,3-dichloropropane	3.233	3.089	-	4.5	30	88	0
2-hexanone	2.851	2.949	-	-3.4	30	92	0
dibromochloromethane	4.114	4.585	-	-11.4	30	98	0
1,2-dibromoethane	3.835	4.215	-	-9.9	30	98	0
butyl acetate	0.862	0.849	-	1.5	30	87	0
octane	2.37	2.099	-	11.4	30	81	0
tetrachloroethene	3.816	3.797	-	0.5	30	93	0
1,1,1,2-tetrachloroethane	3.062	2.804	-	8.4	30	82	0
chlorobenzene	5.992	6.107	-	-1.9	30	92	0
ethylbenzene	9.284	9.258	-	0.3	30	90	0
m+p-xylene	7.256	7.542	-	-3.9	30	93	0
bromoform	4.043	4.452	-	-10.1	30	95	0
styrene	5.798	5.93	-	-2.3	30	90	0
1,1,2,2-tetrachloroethane	5.215	5.978	-	-14.6	30	104	0
o-xylene	7.144	7.492	-	-4.9	30	96	0
1,2,3-trichloropropane	3.742	3.727	-	0.4	30	91	0
nonane	3.46	3.332	-	3.7	30	86	0
isopropylbenzene	10.228	9.857	-	3.6	30	86	0
bromobenzene	4.707	5.964	-	-26.7	30	89	0
2-chlorotoluene	2.841	2.55	-	10.2	30	81	0
n-propylbenzene	3.073	2.909	-	5.3	30	85	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2536987
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB26	**Calibration Date**	: 06/17/25 11:58
Lab File ID	: R264394	**Init. Calib. Date(s)**	: 04/03/25 04/03/25
Sample No	: WG2080108-2	**Init. Calib. Times**	: 02:36 06:40
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	2.842	2.6	-	8.5	30	82	0
4-ethyl toluene	10.014	10.639	-	-6.2	30	93	0
1,3,5-trimethylbenzene	8.578	8.985	-	-4.7	30	93	0
tert-butylbenzene	9.695	9.265	-	4.4	30	86	0
1,2,4-trimethylbenzene	8.742	9.48	-	-8.4	30	97	0
decane	4.736	4.67	-	1.4	30	90	0
Benzyl Chloride	6.962	5.999	-	13.8	30	74	0
1,3-dichlorobenzene	6.413	7.05	-	-9.9	30	98	0
1,4-dichlorobenzene	6.475	6.976	-	-7.7	30	97	0
sec-butylbenzene	12.685	12.366	-	2.5	30	86	0
p-isopropyltoluene	10.985	11.391	-	-3.7	30	95	0
1,2-dichlorobenzene	6.293	6.597	-	-4.8	30	93	0
n-butylbenzene	10.051	10.477	-	-4.2	30	92	0
1,2-dibromo-3-chloropropan	2.495	2.399	-	3.8	30	83	0
undecane	5.939	5.672	-	4.5	30	86	0
dodecane	6.42	7.412	-	-15.5	30	90	0
1,2,4-trichlorobenzene	6.097	6.044	-	0.9	30	86	0
naphthalene	13.634	12.828	-	5.9	30	78	0
1,2,3-trichlorobenzene	5.995	6.024	-	-0.5	30	80	0
hexachlorobutadiene	5.056	4.808	-	4.9	30	85	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264394.D
Acq On : 17 Jun 2025 11:58 am
Operator : AIRLAB26:RAY
Sample : WG2080108-2,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 14:02:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	96	0.00
2		chlorodifluoromethane	0.387	0.999	-158.1#	213#	0.00
3		propylene	0.576	0.574	0.3	100	0.00
4		propane	0.352	0.320	9.1	99	0.00
5		dichlorodifluoromethane	2.163	1.979	8.5	92	0.00
6	C	chloromethane	0.641	0.521	18.7	84	0.00
7		Freon-114	2.250	2.174	3.4	97	0.00
8	C	methanol	0.135	0.144	-6.7	104	0.00
9	C	vinyl chloride	0.803	0.698	13.1	89	0.00
10	C	1,3-butadiene	0.580	0.472	18.6	88	0.00
11		butane	0.937	0.716	23.6	80	0.00
13	C	bromomethane	0.833	0.792	4.9	96	0.00
14	C	chloroethane	0.467	0.391	16.3	89	0.00
15		ethanol	0.336	0.248	26.2	75	0.00
16		dichlorofluoromethane	1.932	1.477	23.6	80	0.00
17	C	vinyl bromide	0.896	0.743	17.1	88	0.00
18	C	acrolein	0.338	0.229	32.2#	67	0.00
19		acetone	0.824	0.653	20.8	81	0.00
20	C	acetonitrile	0.581	0.373	35.8#	71	0.00
21		trichlorofluoromethane	1.978	1.733	12.4	88	0.00
22		isopropyl alcohol	0.983	0.696	29.2	80	0.00
23	C	acrylonitrile	0.609	0.430	29.4	70	0.00
24		pentane	1.078	0.778	27.8	67	0.00
25		ethyl ether	0.520	0.341	34.4#	67	0.00
26	C	1,1-dichloroethene	1.183	1.043	11.8	83	0.00
27		tertiary butyl alcohol	1.471	1.028	30.1#	76	0.00
28	C	methylene chloride	0.681	0.531	22.0	79	0.00
29	C	3-chloropropene	0.711	0.495	30.4#	72	0.00
30	C	carbon disulfide	2.100	1.654	21.2	78	0.00
31		Freon 113	1.704	1.400	17.8	81	0.00
32		trans-1,2-dichloroethene	0.985	0.741	24.8	75	0.00
33	C	1,1-dichloroethane	1.343	1.015	24.4	76	0.00
34	C	MTBE	2.095	1.560	25.5	75	0.00
35	C	vinyl acetate	1.369	0.722	47.3#	53#	0.00
36	C	2-butanone	1.357	1.193	12.1	92	0.00
37		cis-1,2-dichloroethene	1.130	1.067	5.6	94	0.00
38		Ethyl Acetate	0.301	0.320	-6.3	97	0.00
39	C	chloroform	1.826	1.791	1.9	97	0.00
40		Tetrahydrofuran	0.659	0.646	2.0	101	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264394.D
Acq On : 17 Jun 2025 11:58 am
Operator : AIRLAB26:RAY
Sample : WG2080108-2,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 14:02:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	1.537	1.237	19.5	81	0.00
42	C	1,2-dichloroethane	1.076	0.990	8.0	93	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	87	0.00
44	C	hexane	0.295	0.323	-9.5	103	0.00
45		diisopropyl ether	0.233	0.227	2.6	86	0.00
46		tert-butyl ethyl ether	0.631	0.525	16.8	81	0.00
48	C	1,1,1-trichloroethane	0.443	0.457	-3.2	93	0.00
49		1,1-dichloropropene	0.355	0.374	-5.4	88	0.00
50	C	benzene	0.685	0.726	-6.0	95	0.00
52	C	carbon tetrachloride	0.456	0.473	-3.7	93	0.00
53		cyclohexane	0.293	0.304	-3.8	94	0.00
54		tert-amyl methyl ether	0.622	0.580	6.8	83	0.00
55		dibromomethane	0.262	0.264	-0.8	90	0.00
56	C	1,2-dichloropropane	0.229	0.242	-5.7	96	0.00
57		bromodichloromethane	0.445	0.501	-12.6	99	0.00
58	C	1,4-dioxane	0.150	0.158	-5.3	96	0.00
59	C	trichloroethene	0.355	0.357	-0.6	90	0.00
60	C	2,2,4-trimethylpentane	0.897	0.992	-10.6	101	0.00
61		methyl methacrylate	0.217	0.198	8.8	81	0.00
62		heptane	0.286	0.304	-6.3	98	0.00
63	C	cis-1,3-dichloropropene	0.363	0.395	-8.8	95	0.00
64	C	4-methyl-2-pentanone	0.357	0.389	-9.0	94	0.00
65		trans-1,3-dichloropropene	0.289	0.342	-18.3	103	0.00
66	C	1,1,2-trichloroethane	0.296	0.328	-10.8	95	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	89	0.00
68	C	toluene	7.247	7.388	-1.9	93	0.00
71		1,3-dichloropropane	3.233	3.089	4.5	88	0.00
72		2-hexanone	2.851	2.949	-3.4	92	0.00
74		dibromochloromethane	4.114	4.585	-11.4	98	0.00
75	C	1,2-dibromoethane	3.835	4.215	-9.9	98	0.00
76		butyl acetate	0.862	0.849	1.5	87	0.00
77		octane	2.370	2.099	11.4	81	0.00
78	C	tetrachloroethene	3.816	3.797	0.5	93	0.00
79		1,1,1,2-tetrachloroethane	3.062	2.804	8.4	82	0.00
80	C	chlorobenzene	5.992	6.107	-1.9	92	0.00
81	C	ethylbenzene	9.284	9.258	0.3	90	0.00
83	C	m+p-xylene	7.256	7.542	-3.9	93	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264394.D
Acq On : 17 Jun 2025 11:58 am
Operator : AIRLAB26:RAY
Sample : WG2080108-2,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 14:02:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
84	C	bromoform	4.043	4.452	-10.1	95	0.00
85	C	styrene	5.798	5.930	-2.3	90	0.00
86	C	1,1,2,2-tetrachloroethane	5.215	5.978	-14.6	104	0.00
87	C	o-xylene	7.144	7.492	-4.9	96	0.00
88		1,2,3-trichloropropane	3.742	3.727	0.4	91	0.00
89		nonane	3.460	3.332	3.7	86	0.00
91	C	isopropylbenzene	10.228	9.857	3.6	86	0.00
92		bromobenzene	4.707	5.964	-26.7	89	0.00
93		2-chlorotoluene	2.841	2.550	10.2	81	0.00
94		n-propylbenzene	3.073	2.909	5.3	85	0.00
95		4-chlorotoluene	2.842	2.600	8.5	82	0.00
96		4-ethyl toluene	10.014	10.639	-6.2	93	0.00
97		1,3,5-trimethylbenzene	8.578	8.985	-4.7	93	0.00
98		tert-butylbenzene	9.695	9.265	4.4	86	0.00
99		1,2,4-trimethylbenzene	8.742	9.480	-8.4	97	0.00
100		decane	4.736	4.670	1.4	90	0.00
101	C	Benzyl Chloride	6.962	5.999	13.8	74	0.00
102		1,3-dichlorobenzene	6.413	7.050	-9.9	98	0.00
103	C	1,4-dichlorobenzene	6.475	6.976	-7.7	97	0.00
104		sec-butylbenzene	12.685	12.366	2.5	86	0.00
106		p-isopropyltoluene	10.985	11.391	-3.7	95	0.00
107		1,2-dichlorobenzene	6.293	6.597	-4.8	93	0.00
108		n-butylbenzene	10.051	10.477	-4.2	92	0.00
111	C	1,2-dibromo-3-chloropropane	2.495	2.399	3.8	83	0.00
112		undecane	5.939	5.672	4.5	86	0.00
114		dodecane	6.420	7.412	-15.5	90	0.00
115	C	1,2,4-trichlorobenzene	6.097	6.044	0.9	86	0.00
116		naphthalene	13.634	12.828	5.9	78	0.00
117		1,2,3-trichlorobenzene	5.995	6.024	-0.5	80	0.00
119	C	hexachlorobutadiene	5.056	4.808	4.9	85	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 4

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264394.D
Acq On : 17 Jun 2025 11:58 am
Operator : AIRLAB26:RAY
Sample : WG2080108-2,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 14:02:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	186317	10.000	ppbV	0.00
Standard Area = 186317			Recovery = 100.00%			
43) 1,4-difluorobenzene	4.365	114	725709	10.000	ppbV	0.00
Standard Area = 725709			Recovery = 100.00%			
67) chlorobenzene-D5	6.449	54	89519	10.000	ppbV	0.00
Standard Area = 89519			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
2) chlorodifluoromethane	1.991	51	186080	25.793	ppbV #	77
3) propylene	2.002	41	106944	9.969	ppbV	95
4) propane	2.013	29	59675	9.101	ppbV	97
5) dichlorodifluoromethane	2.024	85	368655	9.148	ppbV	100
6) chloromethane	2.074	50	97014	8.127	ppbV	100
7) Freon-114	2.107	85	404977	9.658	ppbV	96
8) methanol	2.123	31	134120	53.451	ppbV #	74
9) vinyl chloride	2.145	62	130113	8.692	ppbV	98
10) 1,3-butadiene	2.189	54	87993	8.140	ppbV	93
11) butane	2.206	43	133450	7.641	ppbV	100
13) bromomethane	2.272	94	147652	9.514	ppbV	99
14) chloroethane	2.326	64	72908	8.381	ppbV	94
15) ethanol	2.359	31	231070	36.950	ppbV	100
16) dichlorofluoromethane	2.354	67	275229	7.647	ppbV	99
17) vinyl bromide	2.438	106	138457	8.292	ppbV	91
18) acrolein	2.466	56	42663	6.784	ppbV	94
19) acetone	2.500	43	608674	39.648	ppbV	98
20) acetonitrile	2.426	41	69555	6.429	ppbV	98
21) trichlorofluoromethane	2.551	101	322818	8.761	ppbV	96
22) isopropyl alcohol	2.568	45	323988	17.684	ppbV	98
23) acrylonitrile	2.630	53	80030	7.051	ppbV	98
24) pentane	2.653	43	144929	7.214	ppbV	99
25) ethyl ether	2.653	31	63544	6.555	ppbV	98
26) 1,1-dichloroethene	2.727	61	194361	8.815	ppbV	96
27) tertiary butyl alcohol	2.736	59	191490	6.989	ppbV	98
28) methylene chloride	2.760	49	98980	7.803	ppbV	97
29) 3-chloropropene	2.794	41	92168	6.953	ppbV	99
30) carbon disulfide	2.846	76	308182	7.877	ppbV	98
31) Freon 113	2.846	101	260865	8.217	ppbV	97

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264394.D
Acq On : 17 Jun 2025 11:58 am
Operator : AIRLAB26:RAY
Sample : WG2080108-2,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 14:02:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) trans-1,2-dichloroethene	3.062	61	138039	7.523	ppbV	97
33) 1,1-dichloroethane	3.129	63	189135	7.560	ppbV	98
34) MTBE	3.160	73	290578	7.443	ppbV	97
35) vinyl acetate	3.191	43	134463	5.273	ppbV	100
36) 2-butanone	3.279	43	222291	8.795	ppbV	99
37) cis-1,2-dichloroethene	3.441	61	198880	9.447	ppbV	93
38) Ethyl Acetate	3.553	61	59564M6	10.605	ppbV	
39) chloroform	3.561	83	333704	9.810	ppbV	99
40) Tetrahydrofuran	3.732	42	120385M6	9.807	ppbV	
41) 2,2-dichloropropane	3.575	77	230461	8.047	ppbV	96
42) 1,2-dichloroethane	3.868	62	184450	9.200	ppbV	96
44) hexane	3.546	57	234542	10.970	ppbV	98
45) diisopropyl ether	3.553	87	164668	9.723	ppbV	100
46) tert-butyl ethyl ether	3.770	59	380748	8.317	ppbV	98
48) 1,1,1-trichloroethane	3.982	97	331457	10.306	ppbV	99
49) 1,1-dichloropropene	4.120	75	271770	10.537	ppbV	97
50) benzene	4.186	78	526930	10.606	ppbV	99
52) carbon tetrachloride	4.252	117	343321	10.385	ppbV	100
53) cyclohexane	4.309	56	220557	10.366	ppbV	98
54) tert-amyl methyl ether	4.479	73	420744	9.327	ppbV	100
55) dibromomethane	4.545	93	191274	10.054	ppbV	95
56) 1,2-dichloropropane	4.563	63	175600	10.588	ppbV	98
57) bromodichloromethane	4.658	83	363687	11.251	ppbV	100
58) 1,4-dioxane	4.686	88	114703	10.514	ppbV	94
59) trichloroethene	4.686	130	259302	10.072	ppbV	99
60) 2,2,4-trimethylpentane	4.724	57	719898	11.060	ppbV	99
61) methyl methacrylate	4.808	41	143610	9.100	ppbV	95
62) heptane	4.865	43	220400	10.618	ppbV	96
63) cis-1,3-dichloropropene	5.110	75	286690	10.885	ppbV	99
64) 4-methyl-2-pentanone	5.142	43	281986	10.870	ppbV	98
65) trans-1,3-dichloropropene	5.373	75	248071	11.810	ppbV	99
66) 1,1,2-trichloroethane	5.445	97	237690	11.060	ppbV	99
68) toluene	5.589	91	661352	10.194	ppbV	100
71) 1,3-dichloropropane	5.605	76	276536	9.556	ppbV	97
72) 2-hexanone	5.749	43	264010	10.346	ppbV	98
74) dibromochloromethane	5.781	129	410475	11.146	ppbV	97
75) 1,2-dibromoethane	5.900	107	377348	10.992	ppbV	98
76) butyl acetate	6.092	73	75976	9.841	ppbV	95
77) octane	6.132	85	187877	8.856	ppbV	88
78) tetrachloroethene	6.148	166	339872	9.949	ppbV	94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264394.D
Acq On : 17 Jun 2025 11:58 am
Operator : AIRLAB26:RAY
Sample : WG2080108-2,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 14:02:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : Default-LCS-AP2 - All compounds listed

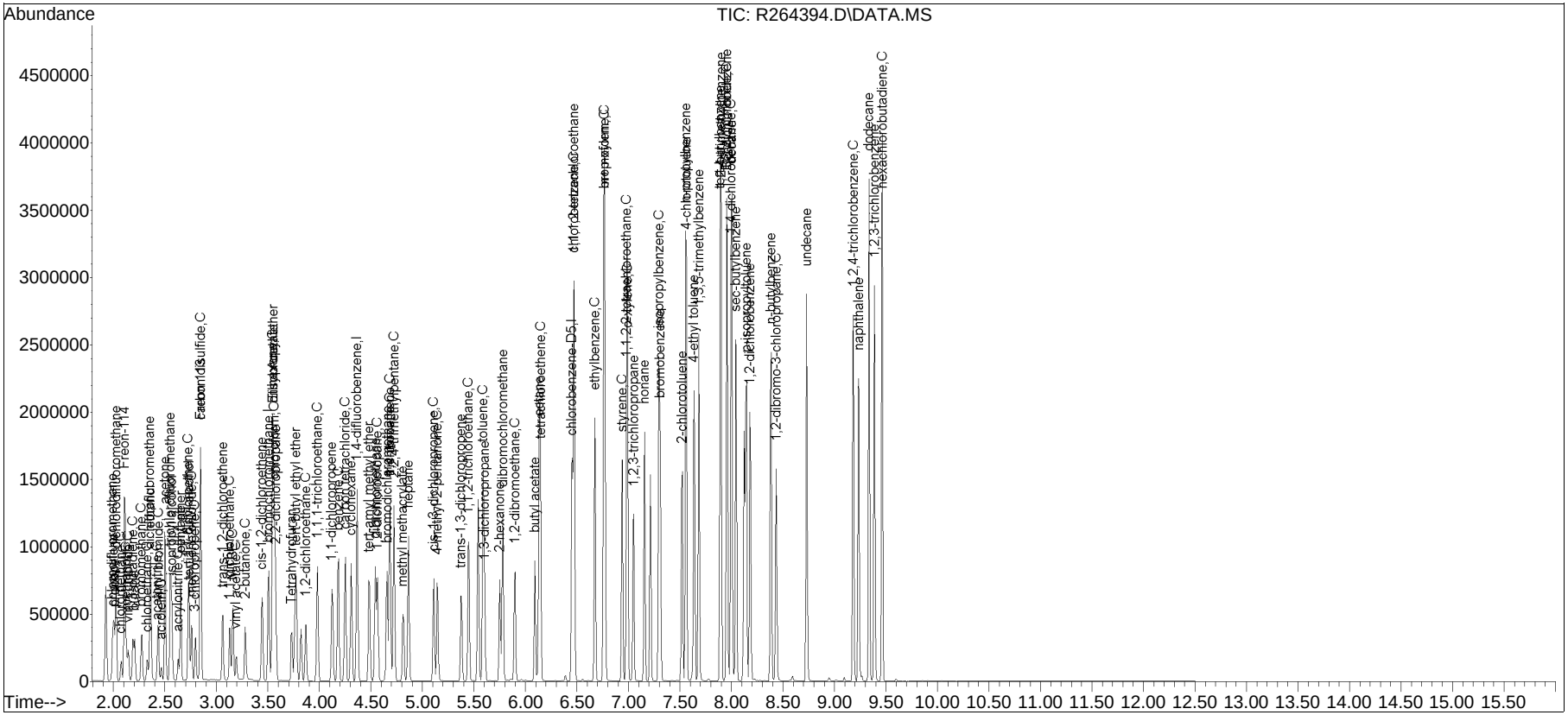
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 1,1,1,2-tetrachloroethane	6.471	131	251011	9.158	ppbV	99
80) chlorobenzene	6.471	112	546662	10.191	ppbV	99
81) ethylbenzene	6.673	91	828758	9.971	ppbV	98
83) m+p-xylene	6.766	91	1350247	20.789	ppbV	99
84) bromoform	6.766	173	398513	11.010	ppbV	98
85) styrene	6.940	104	530871	10.228	ppbV	99
86) 1,1,2,2-tetrachloroethane	6.981	83	535173	11.463	ppbV	99
87) o-xylene	6.992	91	670716	10.488	ppbV	99
88) 1,2,3-trichloropropane	7.051	75	333637	9.961	ppbV	97
89) nonane	7.155	43	298274	9.629	ppbV	99
91) isopropylbenzene	7.295	105	882419	9.638	ppbV	98
92) bromobenzene	7.307	77	533917	12.672	ppbV	92
93) 2-chlorotoluene	7.523	126	228251	8.974	ppbV	100
94) n-propylbenzene	7.555	120	260430	9.467	ppbV	97
95) 4-chlorotoluene	7.563	126	232770	9.150	ppbV	76
96) 4-ethyl toluene	7.635	105	952412	10.625	ppbV	99
97) 1,3,5-trimethylbenzene	7.683	105	804295	10.474	ppbV	100
98) tert-butylbenzene	7.891	119	829438	9.557	ppbV	98
99) 1,2,4-trimethylbenzene	7.899	105	848602	10.844	ppbV	99
100) decane	8.002	57	418019	9.860	ppbV	98
101) Benzyl Chloride	7.954	91	537007	8.616	ppbV	97
102) 1,3-dichlorobenzene	7.954	146	631096	10.994	ppbV	99
103) 1,4-dichlorobenzene	7.994	146	624528	10.774	ppbV	100
104) sec-butylbenzene	8.042	105	1106957	9.748	ppbV	100
106) p-isopropyltoluene	8.146	119	1019753	10.370	ppbV	96
107) 1,2-dichlorobenzene	8.178	146	590541	10.483	ppbV	98
108) n-butylbenzene	8.385	91	937859	10.424	ppbV	97
111) 1,2-dibromo-3-chloropr...	8.433	75	214770	9.614	ppbV	91
112) undecane	8.729	57	507751	9.550	ppbV	98
114) dodecane	9.335	57	663482	11.545	ppbV	99
115) 1,2,4-trichlorobenzene	9.183	180	541085	9.914	ppbV	99
116) naphthalene	9.236	128	1148372	9.409	ppbV	97
117) 1,2,3-trichlorobenzene	9.388	180	539274	10.048	ppbV	97
119) hexachlorobutadiene	9.464	225	430415	9.509	ppbV	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedR264394.D

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264394.D
Acq On : 17 Jun 2025 11:58 am
Operator : AIRLAB26:RAY
Sample : WG2080108-2,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 3 Sample Multiplier: 1

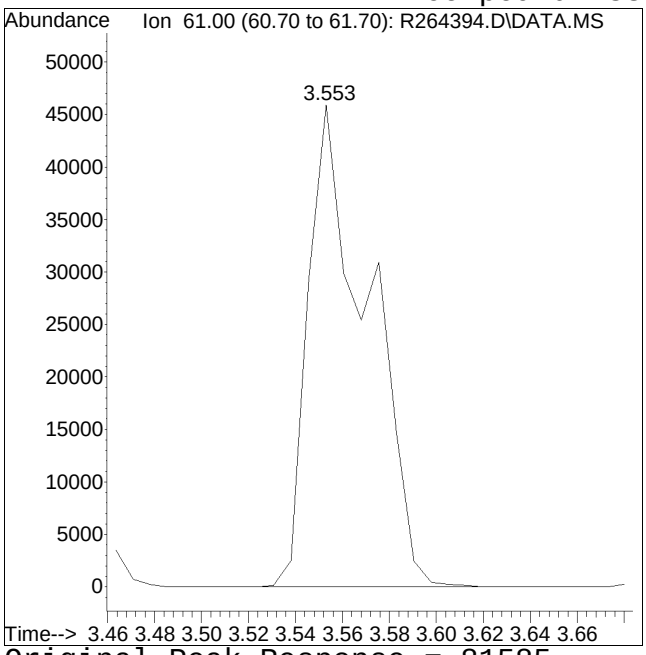
Quant Time: Jun 17 14:02:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:01 2025
Response via : Initial Calibration



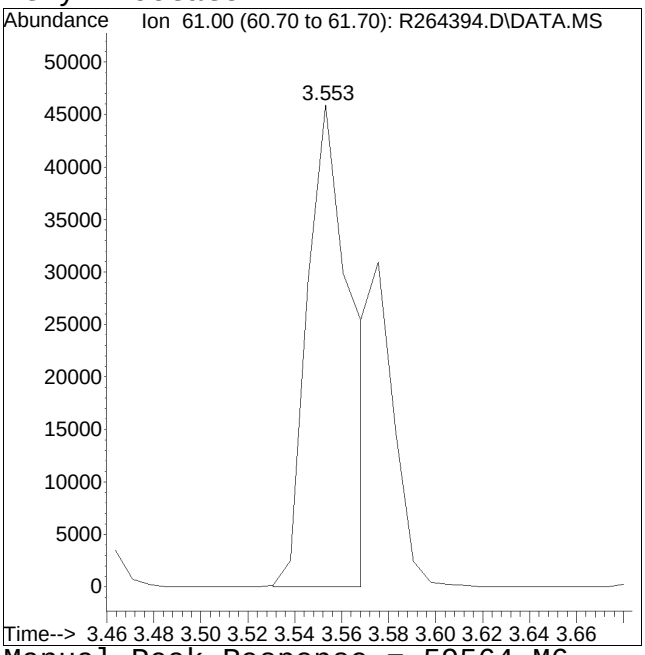
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R264394.D Operator : AIRLAB26:RAY
Date Inj'd : 6/17/2025 11:58 am Instrument : Airlab26
Sample : WG2080108-2,3,250,250 Quant Date : 6/17/2025 2:02 pm

Compound #38: Ethyl Acetate



Original Peak Response = 81585



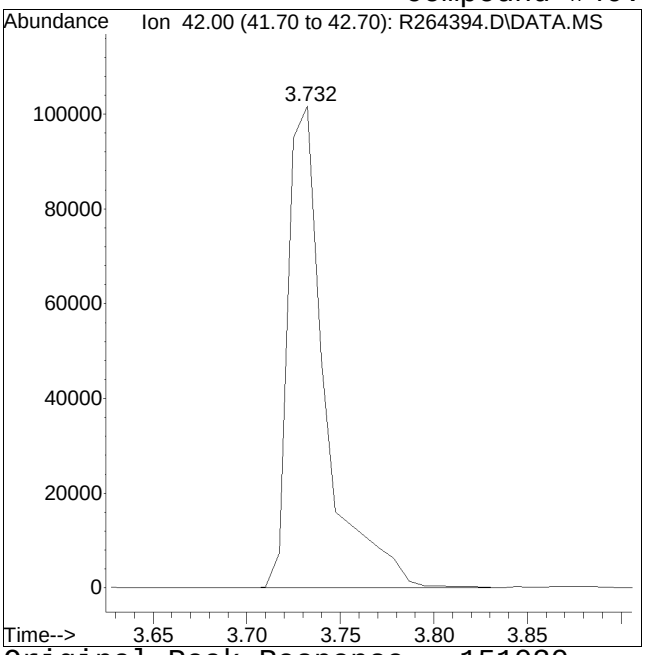
Manual Peak Response = 59564 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

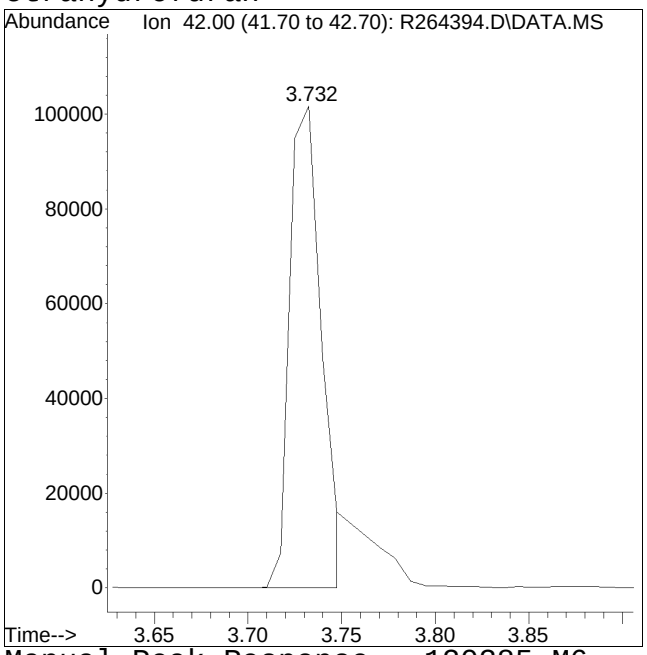
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R264394.D Operator : AIRLAB26:RAY
Date Inj'd : 6/17/2025 11:58 am Instrument : Airlab26
Sample : WG2080108-2,3,250,250 Quant Date : 6/17/2025 2:02 pm

Compound #40: Tetrahydrofuran



Original Peak Response = 151030



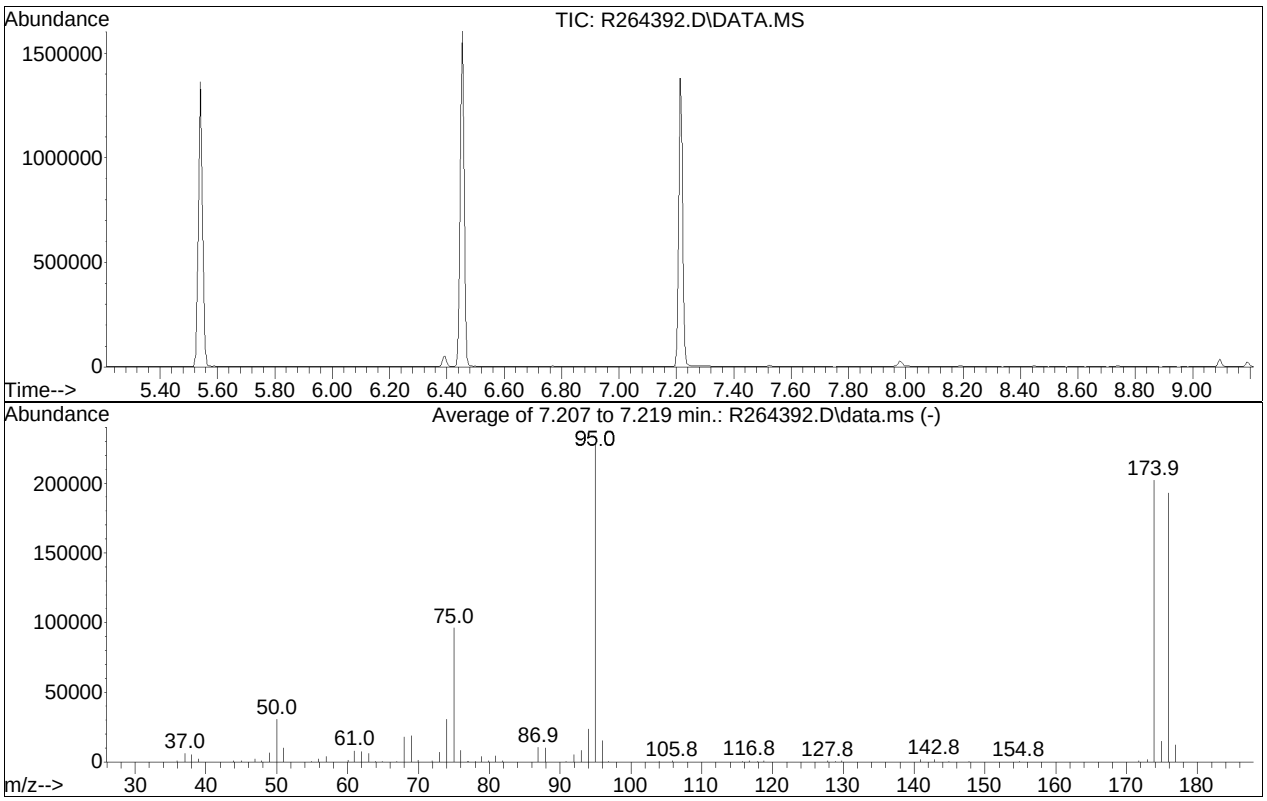
Manual Peak Response = 120385 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264392.D
Acq On : 17 Jun 2025 10:41 am
Operator : AIRLAB26:RAY
Sample : WG2080108-1,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Apr 03 13:02:01 2025



Spectrum Information: Average of 7.207 to 7.219 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	13.4	30653	PASS
75	95	30	66	42.1	96344	PASS
95	95	100	100	100.0	229035	PASS
96	95	5	9	6.6	15187	PASS
173	174	0.00	2	0.9	1826	PASS
174	95	50	120	88.4	202381	PASS
175	174	4	9	7.4	14899	PASS
176	174	93	101	95.3	192784	PASS
177	176	5	9	6.6	12643	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264396.D
Acq On : 17 Jun 2025 03:27 pm
Operator : AIRLAB26:RAY
Sample : WG2080108-4,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 06:56:43 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	179775	10.000	ppbV	0.00
Standard Area = 186317			Recovery = 96.49%			
43) 1,4-difluorobenzene	4.365	114	695369	10.000	ppbV	0.00
Standard Area = 725709			Recovery = 95.82%			
67) chlorobenzene-D5	6.455	54	86517	10.000	ppbV	0.00
Standard Area = 89519			Recovery = 96.65%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.030		0	N.D.		
6) chloromethane	0.000		0	N.D.		
7) Freon-114	2.030		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.365	31	5606	0.929	ppbV	88
17) vinyl bromide	0.000		0	N.D.		
19) acetone	2.511	43	2197	0.148	ppbV #	80
21) trichlorofluoromethane	0.000		0	N.D.		
22) isopropyl alcohol	2.573	45	916	0.052	ppbV #	84
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	2.746		0	N.D.		
28) methylene chloride	2.760	49	734	0.060	ppbV	90
29) 3-chloropropene	2.770		0	N.D.		
30) carbon disulfide	2.846		0	N.D.		
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	3.301		0	N.D.		
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	3.561		0	N.D.		
40) Tetrahydrofuran	0.000		0	N.D.		
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	3.538		0	N.D.		

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264396.D
Acq On : 17 Jun 2025 03:27 pm
Operator : AIRLAB26:RAY
Sample : WG2080108-4,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 06:56:43 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	0.000		0	N.D.		
52) carbon tetrachloride	0.000		0	N.D.		
53) cyclohexane	0.000		0	N.D.	d	
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	0.000		0	N.D.		
62) heptane	0.000		0	N.D.		
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	5.589		0	N.D.		
72) 2-hexanone	0.000		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	0.000		0	N.D.		
80) chlorobenzene	6.471		0	N.D.		
81) ethylbenzene	6.771		0	N.D.		
83) m+p-xylene	6.771		0	N.D.		
84) bromoform	0.000		0	N.D.		
85) styrene	0.000		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	6.998		0	N.D.		
96) 4-ethyl toluene	0.000		0	N.D.		
97) 1,3,5-trimethylbenzene	0.000		0	N.D.		
99) 1,2,4-trimethylbenzene	7.906		0	N.D.		
101) Benzyl Chloride	0.000		0	N.D.		
102) 1,3-dichlorobenzene	7.978		0	N.D.		
103) 1,4-dichlorobenzene	8.010		0	N.D.		
107) 1,2-dichlorobenzene	8.194		0	N.D.		
115) 1,2,4-trichlorobenzene	9.195		0	N.D.		
116) naphthalene	9.248		0	N.D.		
119) hexachlorobutadiene	9.476		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264396.D
Acq On : 17 Jun 2025 03:27 pm
Operator : AIRLAB26:RAY
Sample : WG2080108-4,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 06:56:43 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

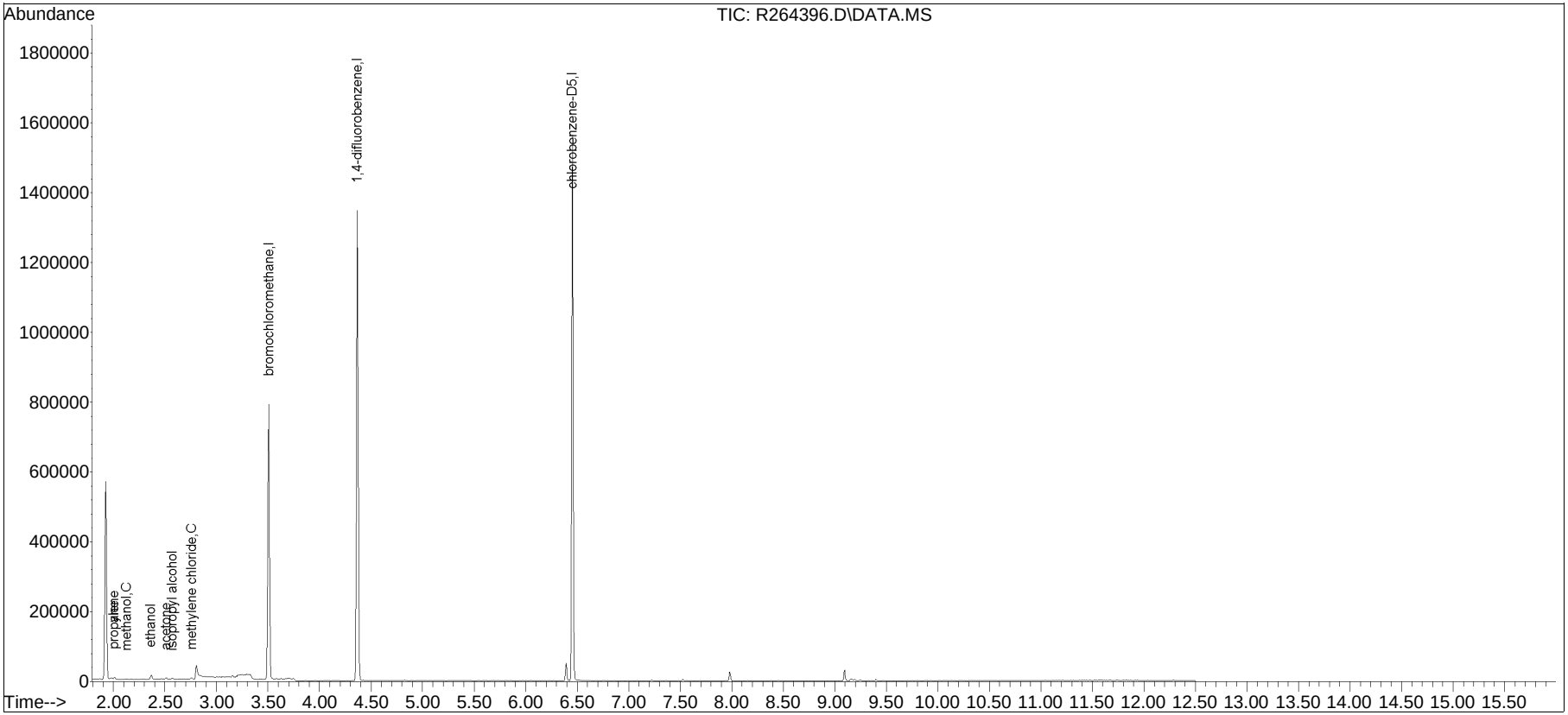
CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : Default-LCS-AP2 - All compounds listed

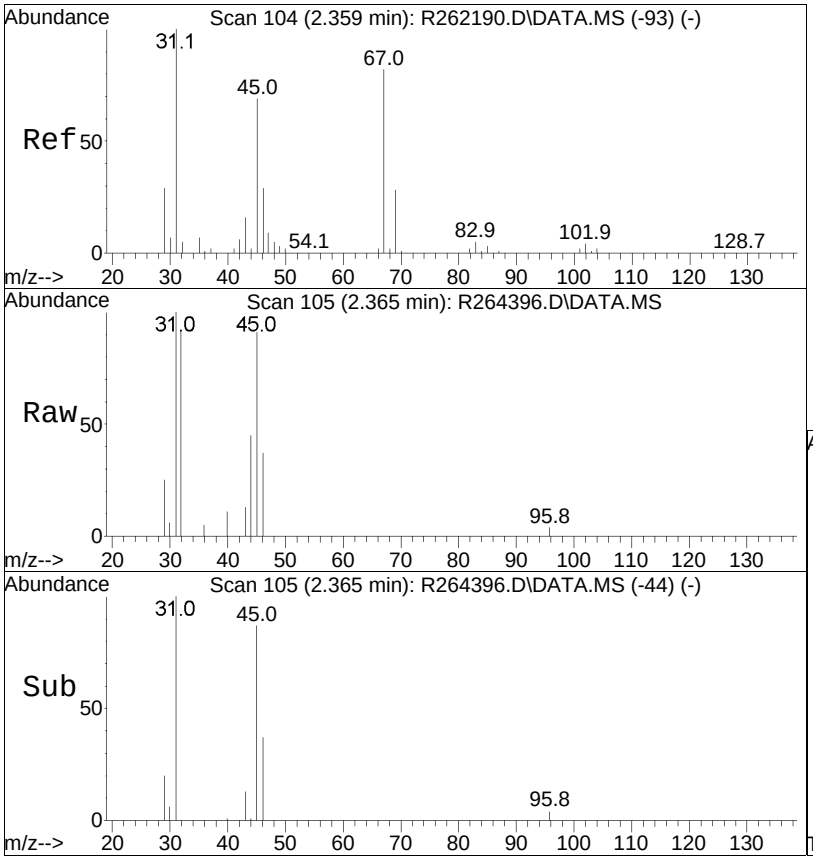
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listedR264394.D

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264396.D
Acq On : 17 Jun 2025 03:27 pm
Operator : AIRLAB26:RAY
Sample : WG2080108-4,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 06:56:43 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

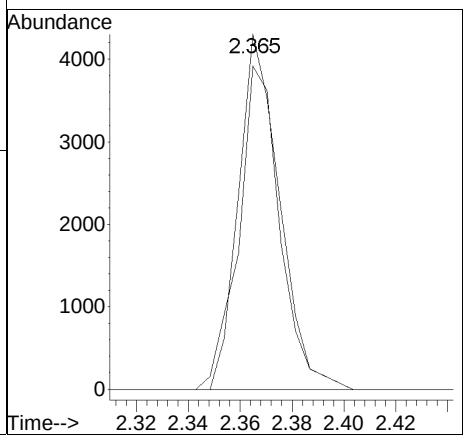


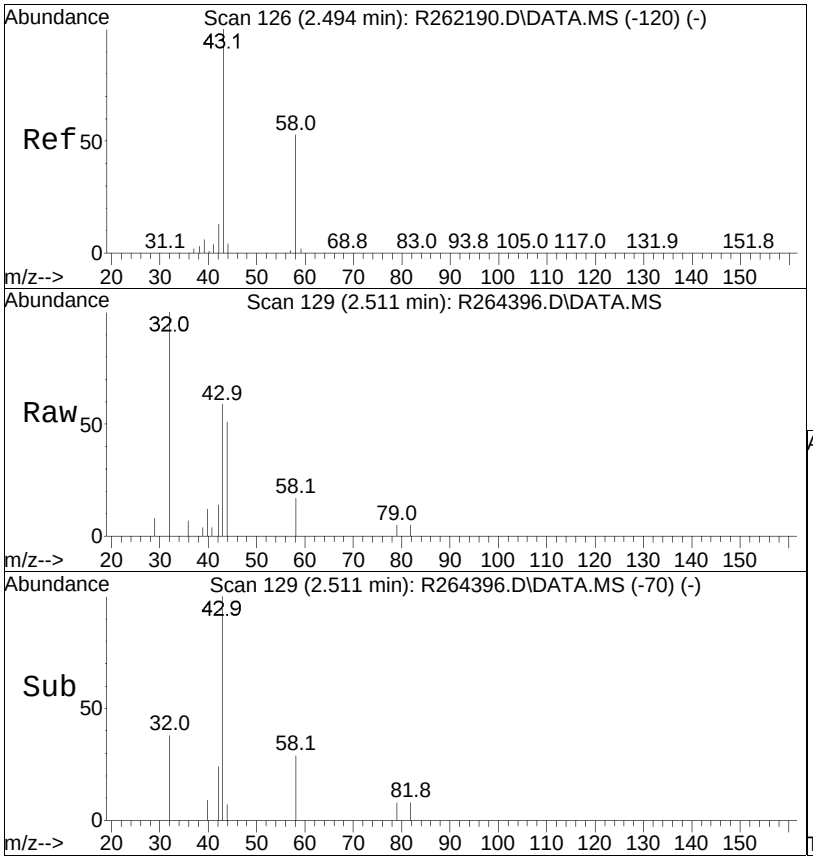


#15
ethanol
Concen: 0.93 ppbV
RT: 2.365 min Scan# 105
Delta R.T. 0.005 min
Lab File: R264396.D
Acq: 17 Jun 2025 03:27 pm

Tgt Ion: 31 Resp: 5606

Ion	Ratio	Lower	Upper
31	100		
45	91.0	64.3	96.5

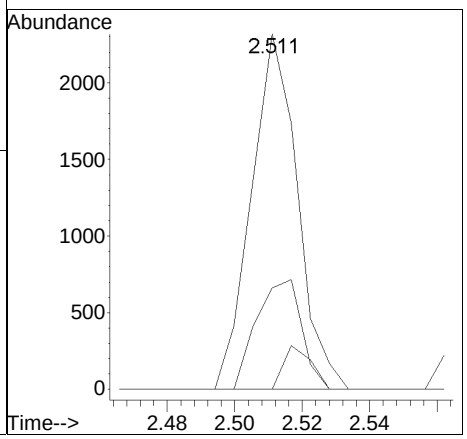


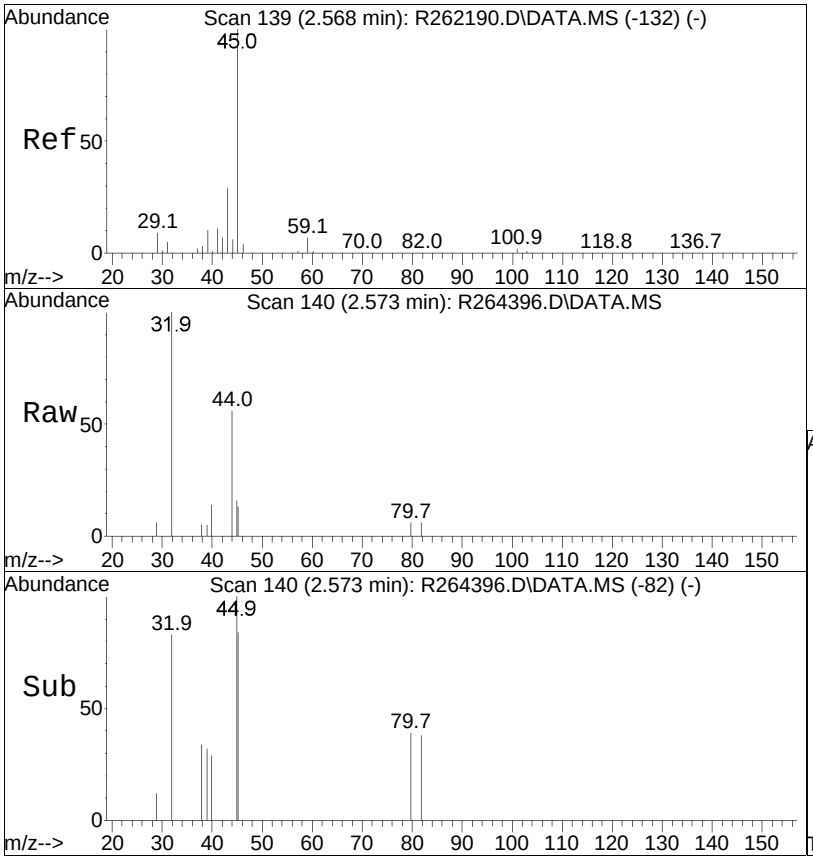


#19
acetone
Concen: 0.15 ppbV
RT: 2.511 min Scan# 129
Delta R.T. 0.011 min
Lab File: R264396.D
Acq: 17 Jun 2025 03:27 pm

Tgt Ion: 43 Resp: 2197

Ion	Ratio	Lower	Upper
43	100		
58	28.5	32.9	49.3#
57	0.0	1.0	1.4#

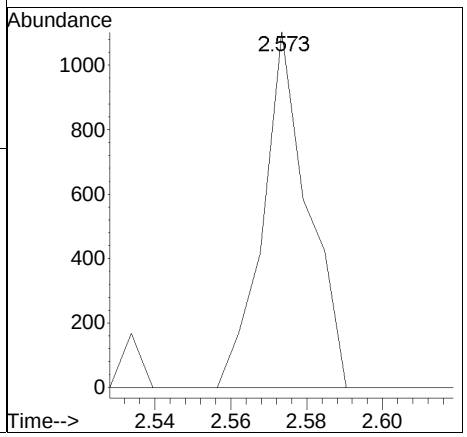


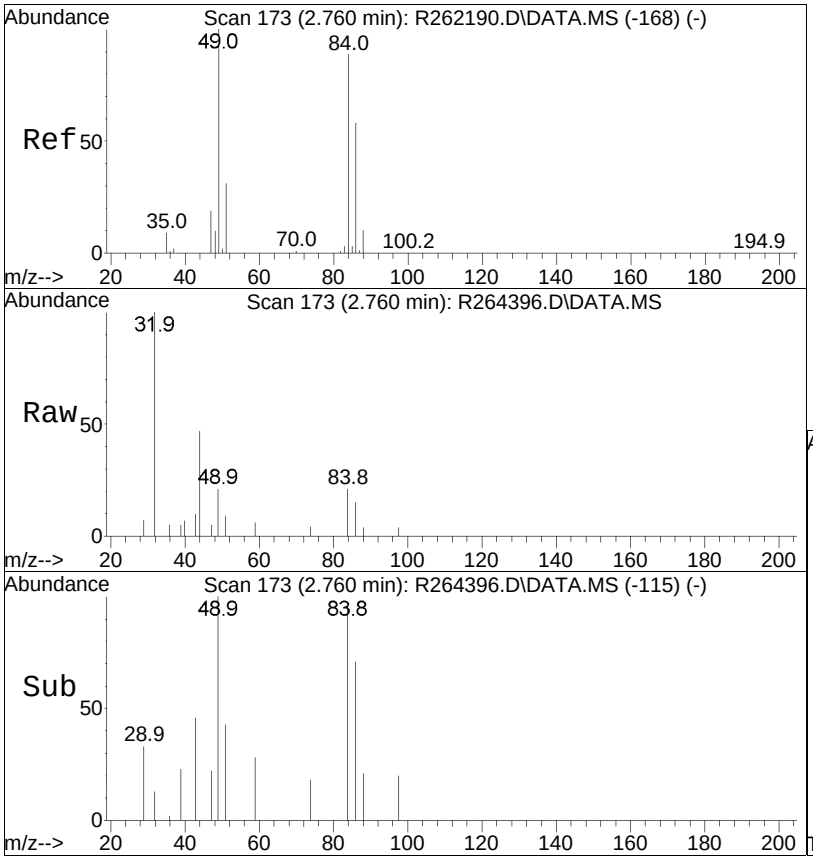


#22
isopropyl alcohol
Concen: 0.05 ppbV
RT: 2.573 min Scan# 140
Delta R.T. 0.006 min
Lab File: R264396.D
Acq: 17 Jun 2025 03:27 pm

Tgt Ion: 45 Resp: 916

Ion	Ratio	Lower	Upper
45	100		
59	0.0	4.4	6.6#

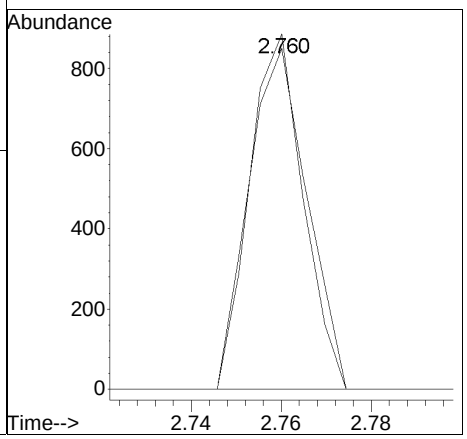




#28
methylene chloride
Concen: 0.06 ppbV
RT: 2.760 min Scan# 173
Delta R.T. -0.000 min
Lab File: R264396.D
Acq: 17 Jun 2025 03:27 pm

Tgt Ion: 49 Resp: 734

Ion	Ratio	Lower	Upper
49	100		
84	95.9	85.3	127.9



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab26\20	QMethod	: TFS26_250402.M
Data File	: R264396.D	Operator	: AIRLAB26:RAY
Date Inj'd	: 6/17/2025 3:27 pm	Instrument	: Airlab26
Sample	: WG2080108-4,3,250,250	Quant Date	: 6/18/2025 6:56 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264394.D
Acq On : 17 Jun 2025 11:58 am
Operator : AIRLAB26:RAY
Sample : WG2080108-3,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 14:02:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	bromochloromethane	10.000	10.000	0.0	96	0.00
2		chlorodifluoromethane	10.000	25.793	-157.9#	213	0.00
3		propylene	10.000	9.969	0.3	100	0.00
4		propane	10.000	9.101	9.0	99	0.00
5		dichlorodifluoromethane	10.000	9.148	8.5	92	0.00
6	C	chloromethane	10.000	8.127	18.7	84	0.00
7		Freon-114	10.000	9.658	3.4	97	0.00
8	C	methanol	50.000	53.451	-6.9	104	0.00
9	C	vinyl chloride	10.000	8.692	13.1	89	0.00
10	C	1,3-butadiene	10.000	8.140	18.6	88	0.00
11		butane	10.000	7.641	23.6	80	0.00
13	C	bromomethane	10.000	9.514	4.9	96	0.00
14	C	chloroethane	10.000	8.381	16.2	89	0.00
15		ethanol	50.000	36.950	26.1	75	0.00
16		dichlorofluoromethane	10.000	7.647	23.5	80	0.00
17	C	vinyl bromide	10.000	8.292	17.1	88	0.00
18	C	acrolein	10.000	6.784	32.2#	67	0.00
19		acetone	50.000	39.648	20.7	81	0.00
20	C	acetonitrile	10.000	6.429	35.7#	71	0.00
21		trichlorofluoromethane	10.000	8.761	12.4	88	0.00
22		isopropyl alcohol	25.000	17.684	29.3	80	0.00
23	C	acrylonitrile	10.000	7.051	29.5	70	0.00
24		pentane	10.000	7.214	27.9	67	0.00
25		ethyl ether	10.000	6.555	34.5#	67	0.00
26	C	1,1-dichloroethene	10.000	8.815	11.9	83	0.00
27		tertiary butyl alcohol	10.000	6.989	30.1#	76	0.00
28	C	methylene chloride	10.000	7.803	22.0	79	0.00
29	C	3-chloropropene	10.000	6.953	30.5#	72	0.00
30	C	carbon disulfide	10.000	7.877	21.2	78	0.00
31		Freon 113	10.000	8.217	17.8	81	0.00
32		trans-1,2-dichloroethene	10.000	7.523	24.8	75	0.00
33	C	1,1-dichloroethane	10.000	7.560	24.4	76	0.00
34	C	MTBE	10.000	7.443	25.6	75	0.00
35	C	vinyl acetate	10.000	5.273	47.3#	53	0.00
36	C	2-butanone	10.000	8.795	12.1	92	0.00
37		cis-1,2-dichloroethene	10.000	9.447	5.5	94	0.00
38		Ethyl Acetate	10.000	10.605	-6.1	97	0.00
39	C	chloroform	10.000	9.810	1.9	97	0.00
40		Tetrahydrofuran	10.000	9.807	1.9	101	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264394.D
Acq On : 17 Jun 2025 11:58 am
Operator : AIRLAB26:RAY
Sample : WG2080108-3,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 14:02:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	10.000	8.047	19.5	81	0.00
42	C	1,2-dichloroethane	10.000	9.200	8.0	93	0.00
43	I	1,4-difluorobenzene	10.000	10.000	0.0	87	0.00
44	C	hexane	10.000	10.970	-9.7	103	0.00
45		diisopropyl ether	10.000	9.723	2.8	86	0.00
46		tert-butyl ethyl ether	10.000	8.317	16.8	81	0.00
48	C	1,1,1-trichloroethane	10.000	10.306	-3.1	93	0.00
49		1,1-dichloropropene	10.000	10.537	-5.4	88	0.00
50	C	benzene	10.000	10.606	-6.1	95	0.00
52	C	carbon tetrachloride	10.000	10.385	-3.8	93	0.00
53		cyclohexane	10.000	10.366	-3.7	94	0.00
54		tert-amyl methyl ether	10.000	9.327	6.7	83	0.00
55		dibromomethane	10.000	10.054	-0.5	90	0.00
56	C	1,2-dichloropropane	10.000	10.588	-5.9	96	0.00
57		bromodichloromethane	10.000	11.251	-12.5	99	0.00
58	C	1,4-dioxane	10.000	10.514	-5.1	96	0.00
59	C	trichloroethene	10.000	10.072	-0.7	90	0.00
60	C	2,2,4-trimethylpentane	10.000	11.060	-10.6	101	0.00
61		methyl methacrylate	10.000	9.100	9.0	81	0.00
62		heptane	10.000	10.618	-6.2	98	0.00
63	C	cis-1,3-dichloropropene	10.000	10.885	-8.8	95	0.00
64	C	4-methyl-2-pentanone	10.000	10.870	-8.7	94	0.00
65		trans-1,3-dichloropropene	10.000	11.810	-18.1	103	0.00
66	C	1,1,2-trichloroethane	10.000	11.060	-10.6	95	0.00
67	I	chlorobenzene-D5	10.000	10.000	0.0	89	0.00
68	C	toluene	10.000	10.194	-1.9	93	0.00
71		1,3-dichloropropane	10.000	9.556	4.4	88	0.00
72		2-hexanone	10.000	10.346	-3.5	92	0.00
74		dibromochloromethane	10.000	11.146	-11.5	98	0.00
75	C	1,2-dibromoethane	10.000	10.992	-9.9	98	0.00
76		butyl acetate	10.000	9.841	1.6	87	0.00
77		octane	10.000	8.856	11.4	81	0.00
78	C	tetrachloroethene	10.000	9.949	0.5	93	0.00
79		1,1,1,2-tetrachloroethane	10.000	9.158	8.4	82	0.00
80	C	chlorobenzene	10.000	10.191	-1.9	92	0.00
81	C	ethylbenzene	10.000	9.971	0.3	90	0.00
83	C	m+p-xylene	20.000	20.789	-3.9	93	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264394.D
Acq On : 17 Jun 2025 11:58 am
Operator : AIRLAB26:RAY
Sample : WG2080108-3,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 14:02:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
84	C	bromoform	10.000	11.010	-10.1	95	0.00
85	C	styrene	10.000	10.228	-2.3	90	0.00
86	C	1,1,2,2-tetrachloroethane	10.000	11.463	-14.6	104	0.00
87	C	o-xylene	10.000	10.488	-4.9	96	0.00
88		1,2,3-trichloropropane	10.000	9.961	0.4	91	0.00
89		nonane	10.000	9.629	3.7	86	0.00
91	C	isopropylbenzene	10.000	9.638	3.6	86	0.00
92		bromobenzene	10.000	12.672	-26.7	89	0.00
93		2-chlorotoluene	10.000	8.974	10.3	81	0.00
94		n-propylbenzene	10.000	9.467	5.3	85	0.00
95		4-chlorotoluene	10.000	9.150	8.5	82	0.00
96		4-ethyl toluene	10.000	10.625	-6.3	93	0.00
97		1,3,5-trimethylbenzene	10.000	10.474	-4.7	93	0.00
98		tert-butylbenzene	10.000	9.557	4.4	86	0.00
99		1,2,4-trimethylbenzene	10.000	10.844	-8.4	97	0.00
100		decane	10.000	9.860	1.4	90	0.00
101	C	Benzyl Chloride	10.000	8.616	13.8	74	0.00
102		1,3-dichlorobenzene	10.000	10.994	-9.9	98	0.00
103	C	1,4-dichlorobenzene	10.000	10.774	-7.7	97	0.00
104		sec-butylbenzene	10.000	9.748	2.5	86	0.00
106		p-isopropyltoluene	10.000	10.370	-3.7	95	0.00
107		1,2-dichlorobenzene	10.000	10.483	-4.8	93	0.00
108		n-butylbenzene	10.000	10.424	-4.2	92	0.00
111	C	1,2-dibromo-3-chloropropane	10.000	9.614	3.9	83	0.00
112		undecane	10.000	9.550	4.5	86	0.00
114		dodecane	10.000	11.545	-15.4	90	0.00
115	C	1,2,4-trichlorobenzene	10.000	9.914	0.9	86	0.00
116		naphthalene	10.000	9.409	5.9	78	0.00
117		1,2,3-trichlorobenzene	10.000	10.048	-0.5	80	0.00
119	C	hexachlorobutadiene	10.000	9.509	4.9	85	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 4

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264394.D
Acq On : 17 Jun 2025 11:58 am
Operator : AIRLAB26:RAY
Sample : WG2080108-3,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 14:02:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	186317	10.000	ppbV	0.00
Standard Area = 186317			Recovery = 100.00%			
43) 1,4-difluorobenzene	4.365	114	725709	10.000	ppbV	0.00
Standard Area = 725709			Recovery = 100.00%			
67) chlorobenzene-D5	6.449	54	89519	10.000	ppbV	0.00
Standard Area = 89519			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.024	85	368655	9.148	ppbV	100
6) chloromethane	2.074	50	97014	8.127	ppbV	100
7) Freon-114	2.107	85	404977	9.658	ppbV	96
9) vinyl chloride	2.145	62	130113	8.692	ppbV	98
10) 1,3-butadiene	2.189	54	87993	8.140	ppbV	93
13) bromomethane	2.272	94	147652	9.514	ppbV	99
14) chloroethane	2.326	64	72908	8.381	ppbV	94
15) ethanol	2.359	31	231070	36.950	ppbV	100
17) vinyl bromide	2.438	106	138457	8.292	ppbV	91
19) acetone	2.500	43	608674	39.648	ppbV	98
21) trichlorofluoromethane	2.551	101	322818	8.761	ppbV	96
22) isopropyl alcohol	2.568	45	323988	17.684	ppbV	98
26) 1,1-dichloroethene	2.727	61	194361	8.815	ppbV	96
27) tertiary butyl alcohol	2.736	59	191490	6.989	ppbV	98
28) methylene chloride	2.760	49	98980	7.803	ppbV	97
29) 3-chloropropene	2.794	41	92168	6.953	ppbV	99
30) carbon disulfide	2.846	76	308182	7.877	ppbV	98
31) Freon 113	2.846	101	260865	8.217	ppbV	97
32) trans-1,2-dichloroethene	3.062	61	138039	7.523	ppbV	97
33) 1,1-dichloroethane	3.129	63	189135	7.560	ppbV	98
34) MTBE	3.160	73	290578	7.443	ppbV	97
36) 2-butanone	3.279	43	222291	8.795	ppbV	99
37) cis-1,2-dichloroethene	3.441	61	198880	9.447	ppbV	93
38) Ethyl Acetate	3.553	61	59564M6	10.605	ppbV	
39) chloroform	3.561	83	333704	9.810	ppbV	99
40) Tetrahydrofuran	3.732	42	120385M6	9.807	ppbV	
42) 1,2-dichloroethane	3.868	62	184450	9.200	ppbV	96
44) hexane	3.546	57	234542	10.970	ppbV	98

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264394.D
Acq On : 17 Jun 2025 11:58 am
Operator : AIRLAB26:RAY
Sample : WG2080108-3,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 14:02:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	3.982	97	331457	10.306	ppbV	99
50) benzene	4.186	78	526930	10.606	ppbV	99
52) carbon tetrachloride	4.252	117	343321	10.385	ppbV	100
53) cyclohexane	4.309	56	220557	10.366	ppbV	98
56) 1,2-dichloropropane	4.563	63	175600	10.588	ppbV	98
57) bromodichloromethane	4.658	83	363687	11.251	ppbV	100
58) 1,4-dioxane	4.686	88	114703	10.514	ppbV	94
59) trichloroethene	4.686	130	259302	10.072	ppbV	99
60) 2,2,4-trimethylpentane	4.724	57	719898	11.060	ppbV	99
62) heptane	4.865	43	220400	10.618	ppbV	96
63) cis-1,3-dichloropropene	5.110	75	286690	10.885	ppbV	99
64) 4-methyl-2-pentanone	5.142	43	281986	10.870	ppbV	98
65) trans-1,3-dichloropropene	5.373	75	248071	11.810	ppbV	99
66) 1,1,2-trichloroethane	5.445	97	237690	11.060	ppbV	99
68) toluene	5.589	91	661352	10.194	ppbV	100
72) 2-hexanone	5.749	43	264010	10.346	ppbV	98
74) dibromochloromethane	5.781	129	410475	11.146	ppbV	97
75) 1,2-dibromoethane	5.900	107	377348	10.992	ppbV	98
78) tetrachloroethene	6.148	166	339872	9.949	ppbV	94
80) chlorobenzene	6.471	112	546662	10.191	ppbV	99
81) ethylbenzene	6.673	91	828758	9.971	ppbV	98
83) m+p-xylene	6.766	91	1350247	20.789	ppbV	99
84) bromoform	6.766	173	398513	11.010	ppbV	98
85) styrene	6.940	104	530871	10.228	ppbV	99
86) 1,1,2,2-tetrachloroethane	6.981	83	535173	11.463	ppbV	99
87) o-xylene	6.992	91	670716	10.488	ppbV	99
96) 4-ethyl toluene	7.635	105	952412	10.625	ppbV	99
97) 1,3,5-trimethylbenzene	7.683	105	804295	10.474	ppbV	100
99) 1,2,4-trimethylbenzene	7.899	105	848602	10.844	ppbV	99
101) Benzyl Chloride	7.954	91	537007	8.616	ppbV	97
102) 1,3-dichlorobenzene	7.954	146	631096	10.994	ppbV	99
103) 1,4-dichlorobenzene	7.994	146	624528	10.774	ppbV	100
107) 1,2-dichlorobenzene	8.178	146	590541	10.483	ppbV	98
115) 1,2,4-trichlorobenzene	9.183	180	541085	9.914	ppbV	99
116) naphthalene	9.236	128	1148372	9.409	ppbV	97
119) hexachlorobutadiene	9.464	225	430415	9.509	ppbV	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264394.D
Acq On : 17 Jun 2025 11:58 am
Operator : AIRLAB26:RAY
Sample : WG2080108-3,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 14:02:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:01 2025
Response via : Initial Calibration

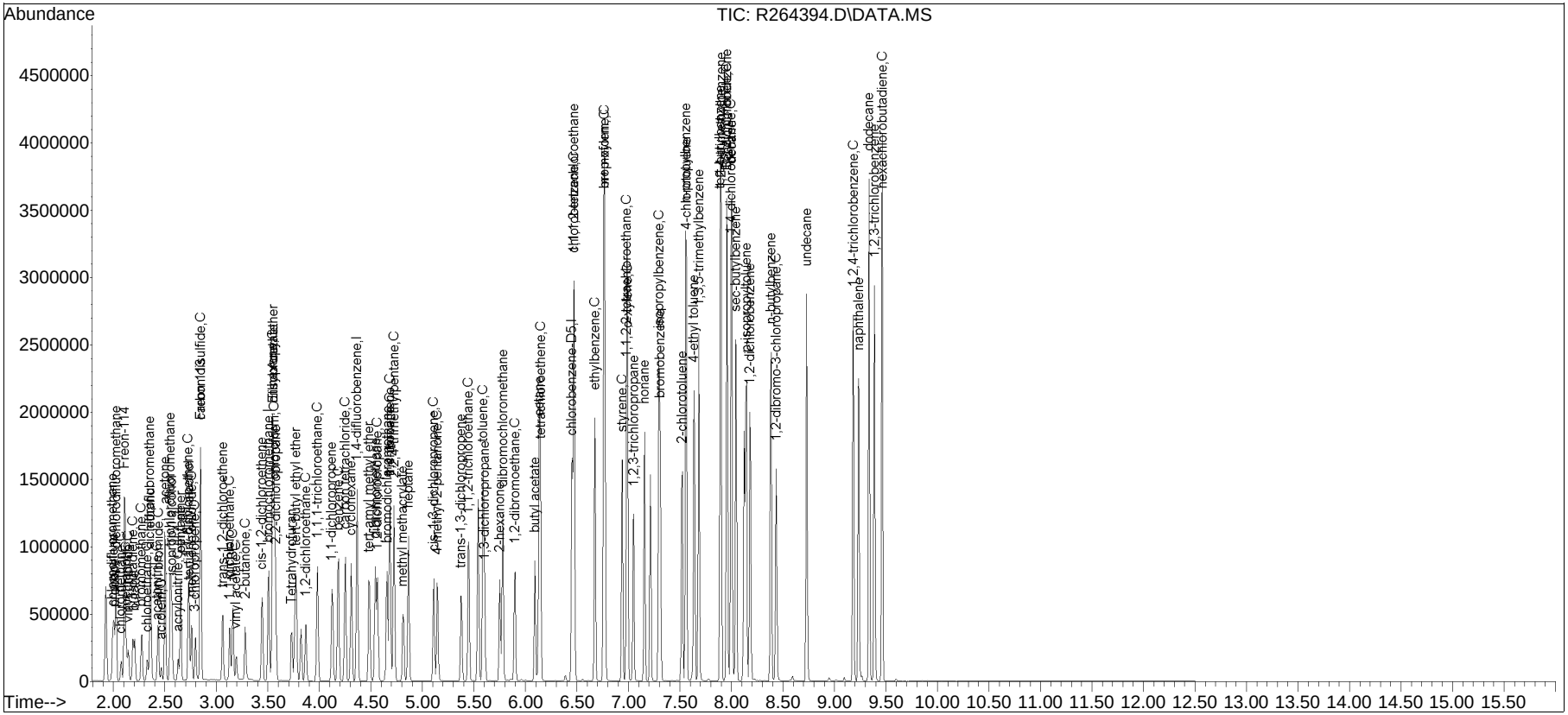
CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : Default-LCS-AP2 - All compounds listed

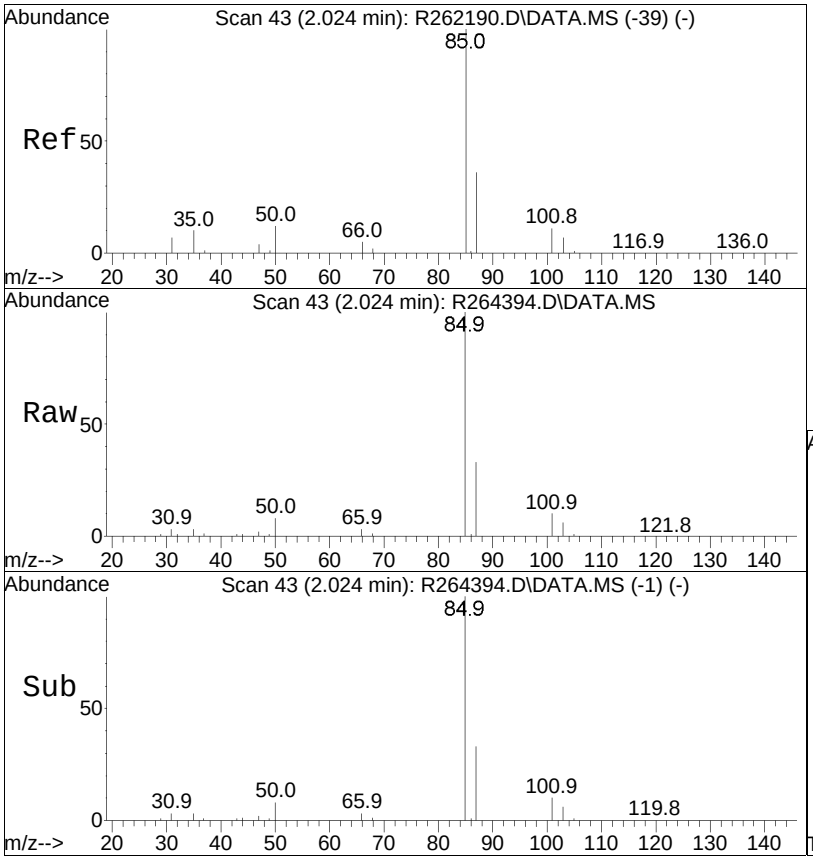
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listedR264394.D

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264394.D
Acq On : 17 Jun 2025 11:58 am
Operator : AIRLAB26:RAY
Sample : WG2080108-3,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 14:02:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:01 2025
Response via : Initial Calibration

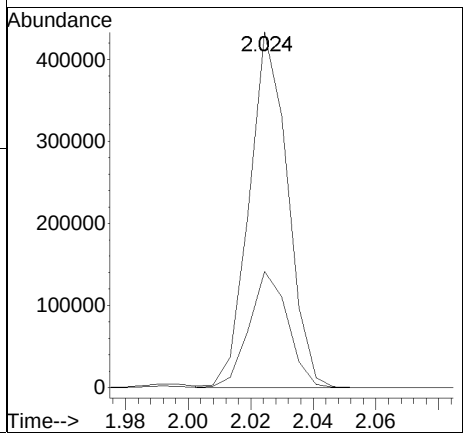


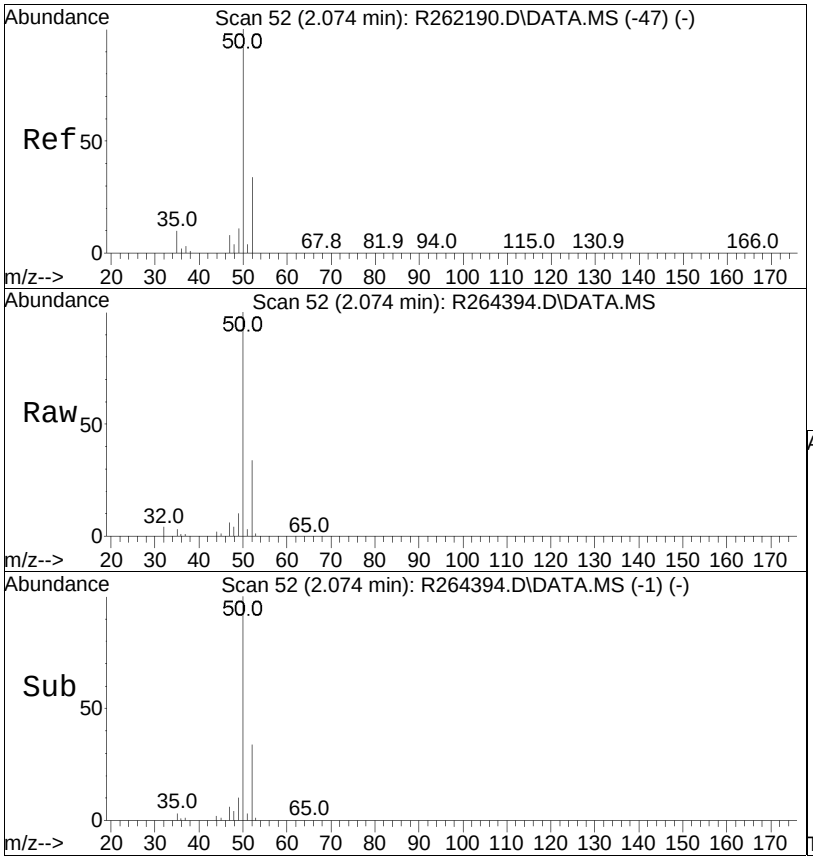


#5
dichlorodifluoromethane
Concen: 9.15 ppbV
RT: 2.024 min Scan# 43
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 85 Resp: 368655

Ion	Ratio	Lower	Upper
85	100		
87	32.7	26.0	39.0

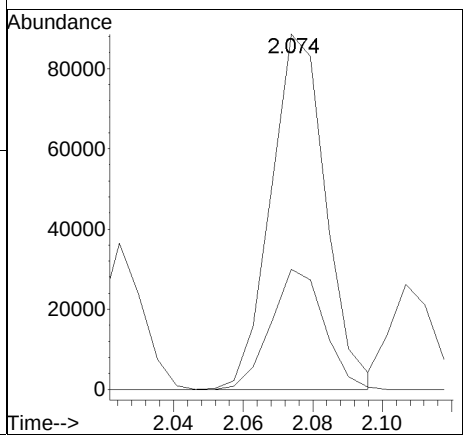


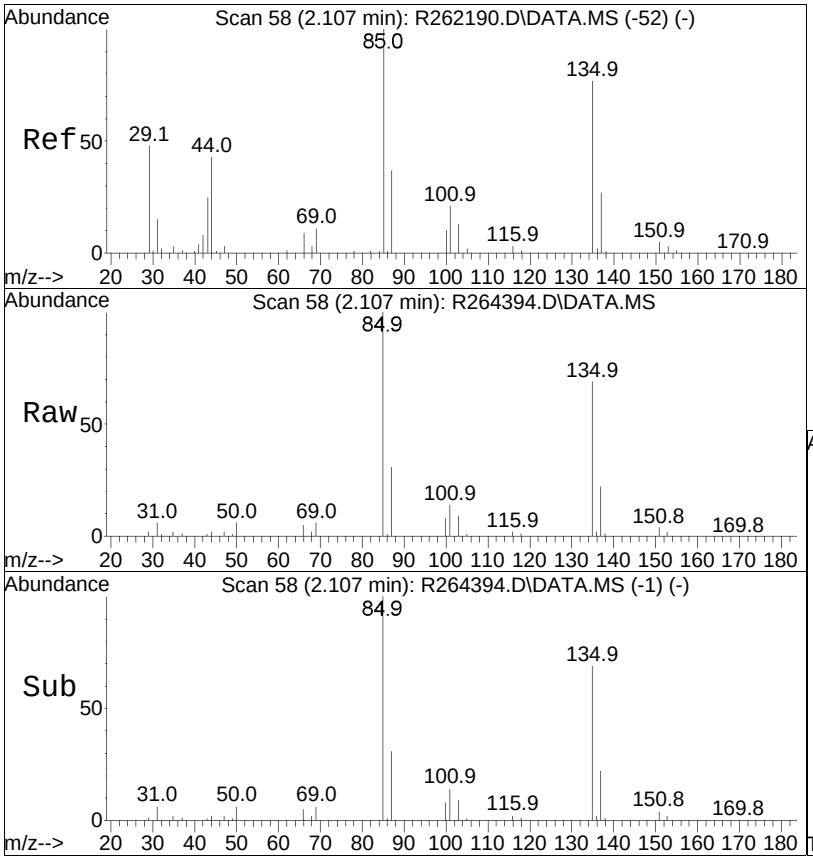


#6
chloromethane
Concen: 8.13 ppbV
RT: 2.074 min Scan# 52
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 50 Resp: 97014

Ion	Ratio	Lower	Upper
50	100		
52	33.8	27.1	40.7

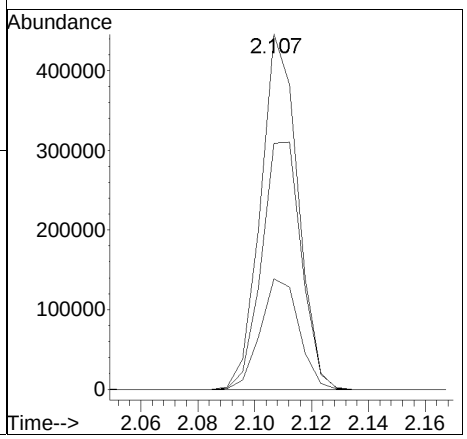


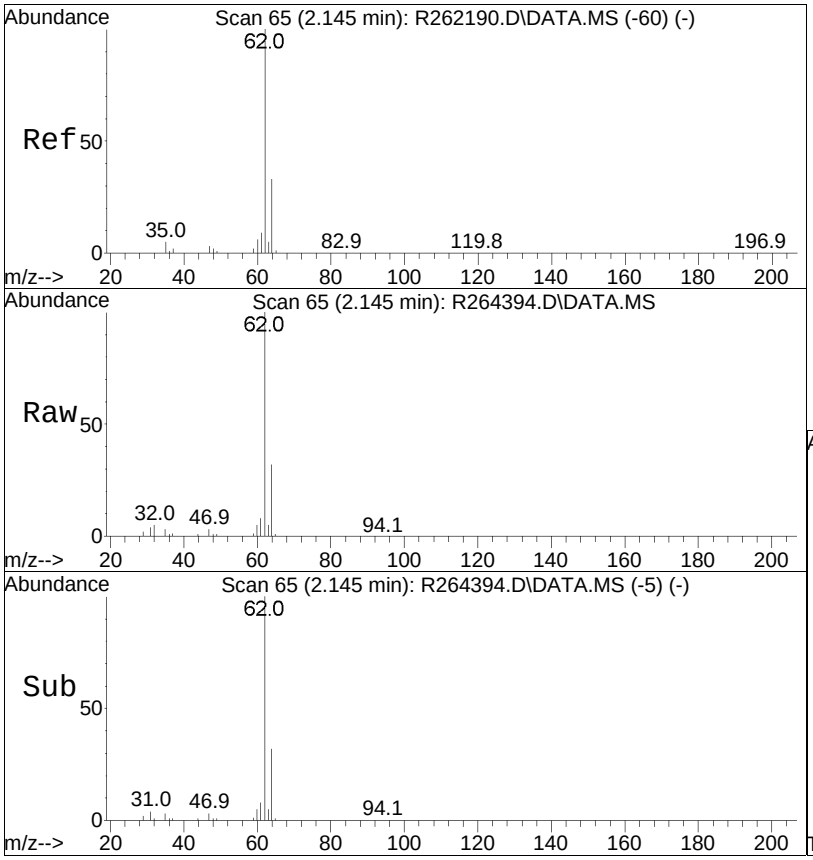


#7
Freon-114
Concen: 9.66 ppbV
RT: 2.107 min Scan# 58
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 85 Resp: 404977

Ion	Ratio	Lower	Upper
85	100		
87	31.1	26.2	39.4
135	69.3	58.0	87.0

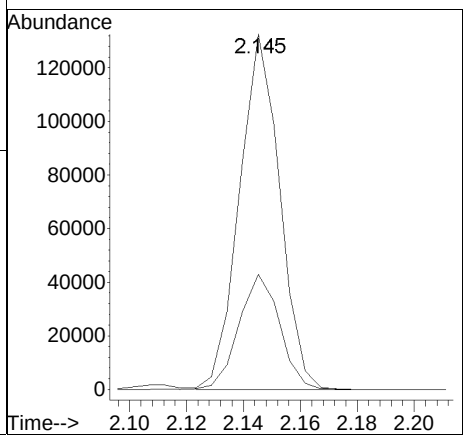


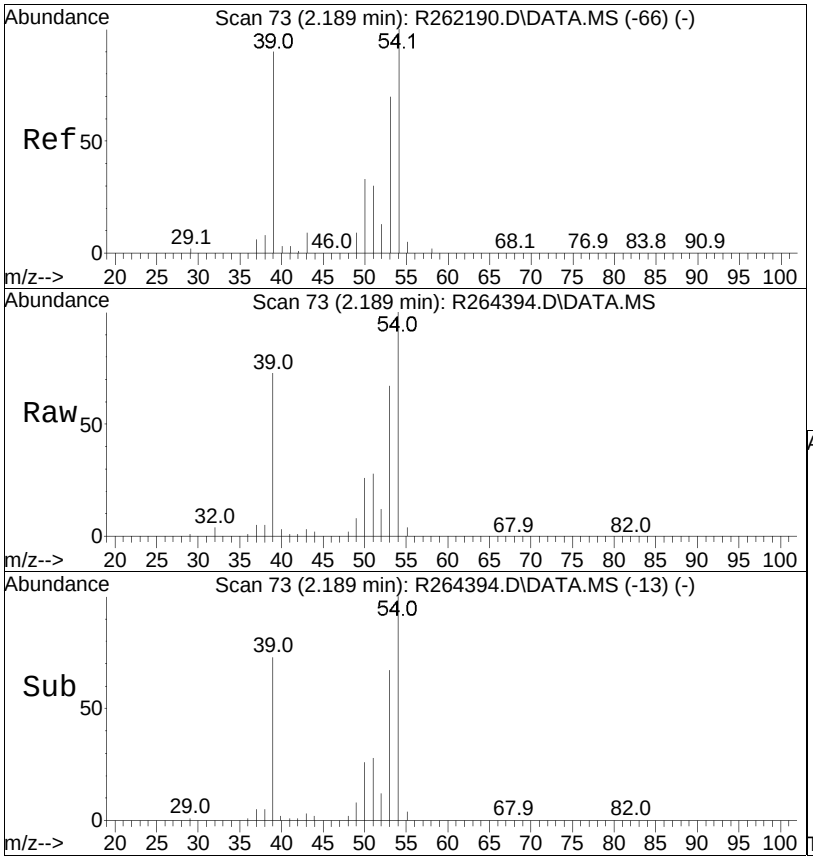


#9
vinyl chloride
Concen: 8.69 ppbV
RT: 2.145 min Scan# 65
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 62 Resp: 130113

Ion	Ratio	Lower	Upper
62	100		
64	32.4	26.9	40.3

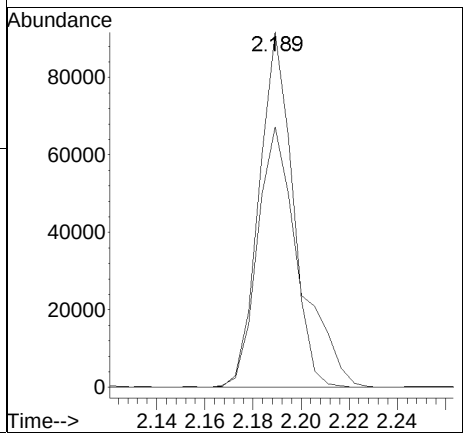


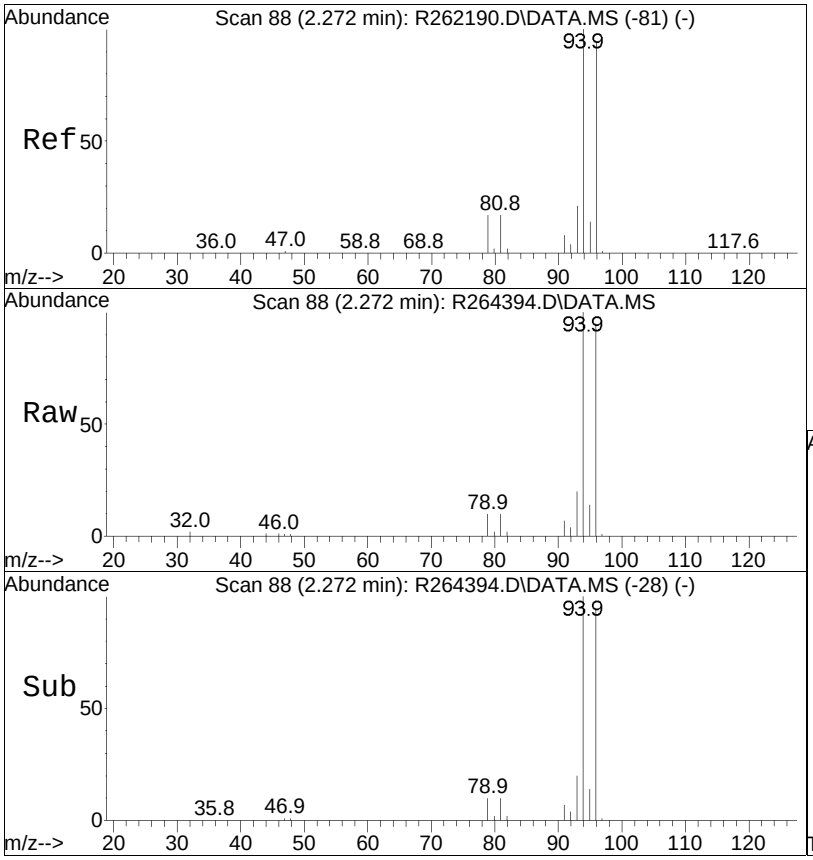


#10
1,3-butadiene
Concen: 8.14 ppbV
RT: 2.189 min Scan# 73
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 54 Resp: 87993

Ion	Ratio	Lower	Upper
54	100		
39	73.3	63.3	94.9

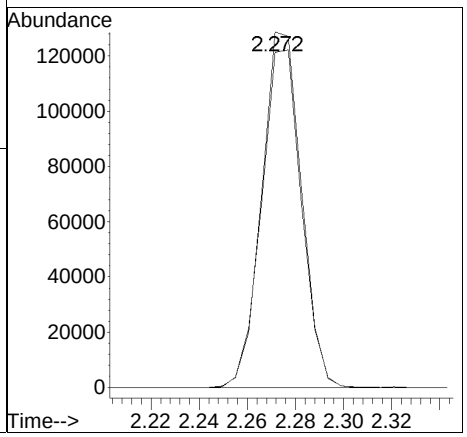


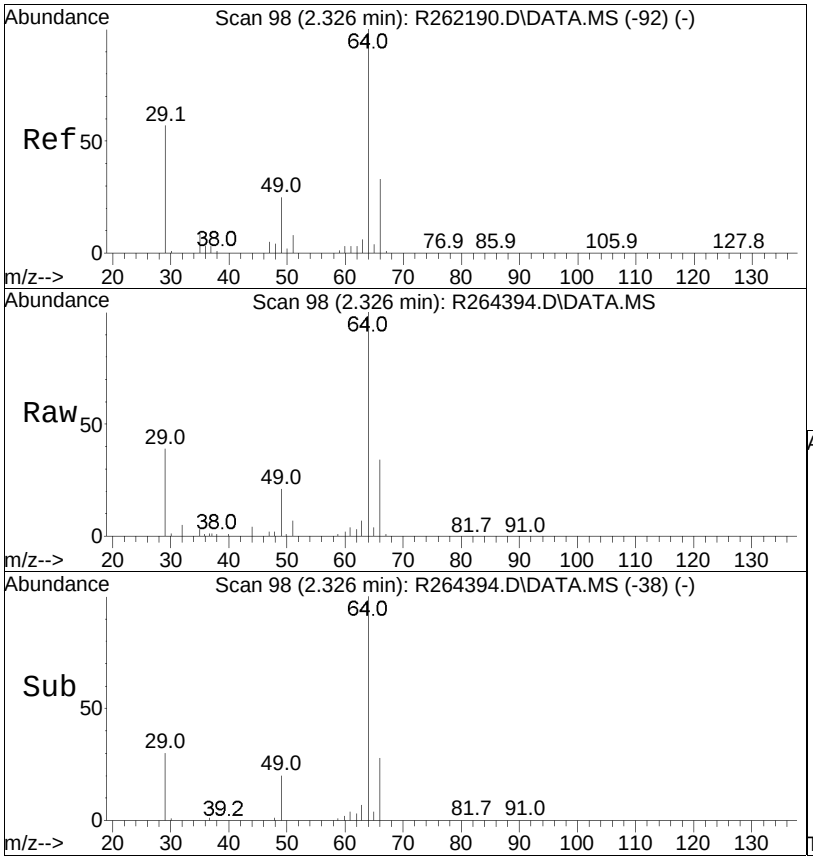


#13
bromomethane
Concen: 9.51 ppbV
RT: 2.272 min Scan# 88
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 94 Resp: 147652

Ion	Ratio	Lower	Upper
94	100		
96	94.3	74.6	112.0

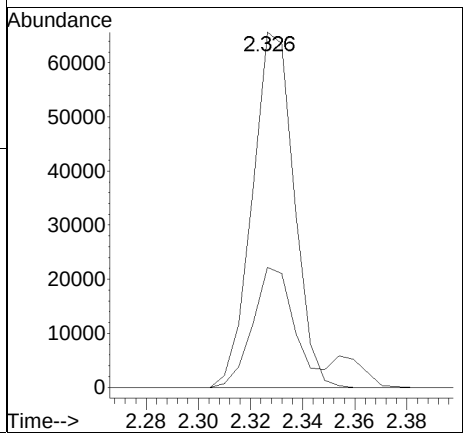


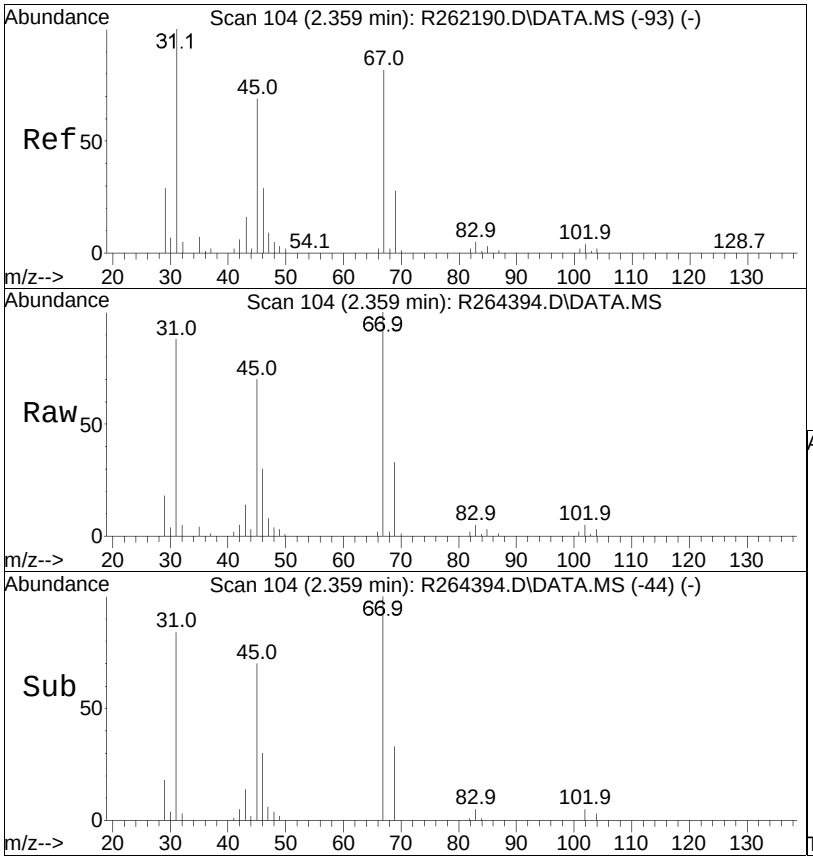


#14
chloroethane
Concen: 8.38 ppbV
RT: 2.326 min Scan# 98
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 64 Resp: 72908

Ion	Ratio	Lower	Upper
64	100		
66	33.8	24.3	36.5

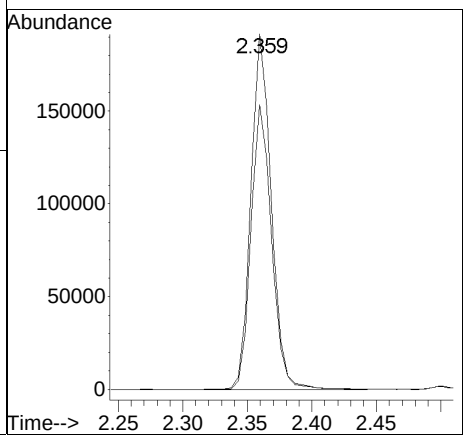


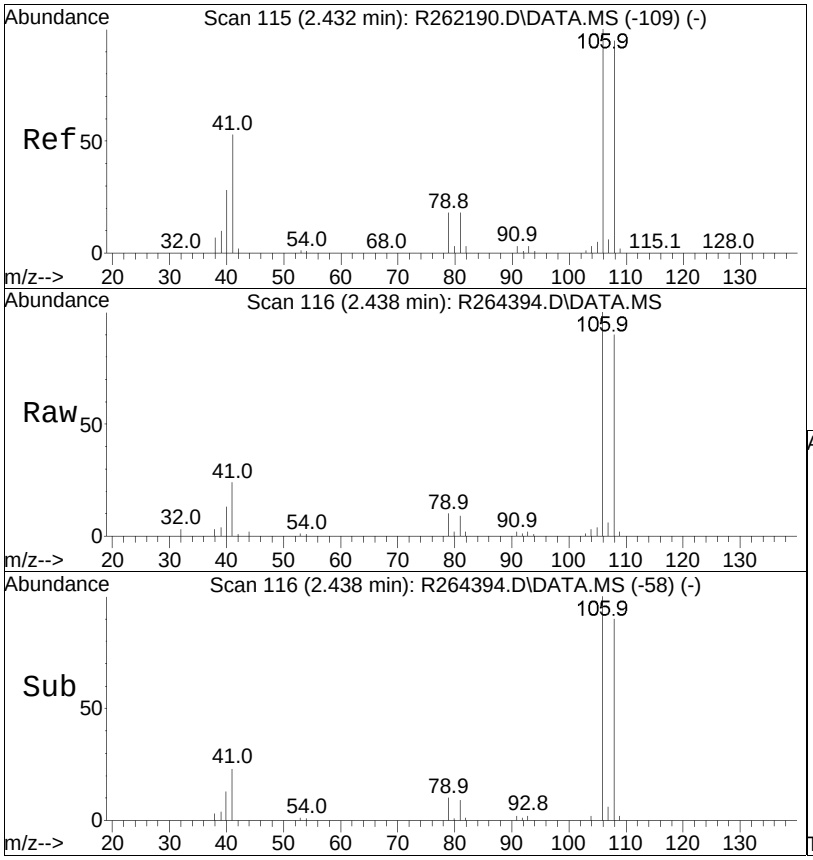


#15
ethanol
Concen: 36.95 ppbV
RT: 2.359 min Scan# 104
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 31 Resp: 231070

Ion	Ratio	Lower	Upper
31	100		
45	80.2	64.3	96.5

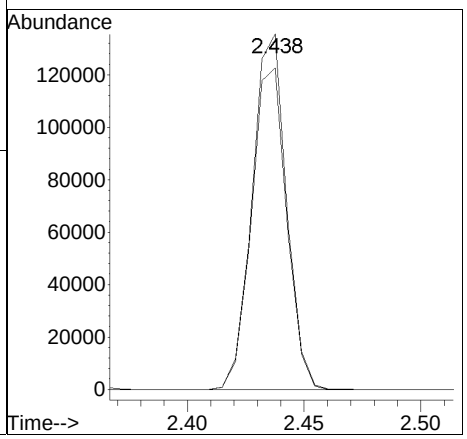


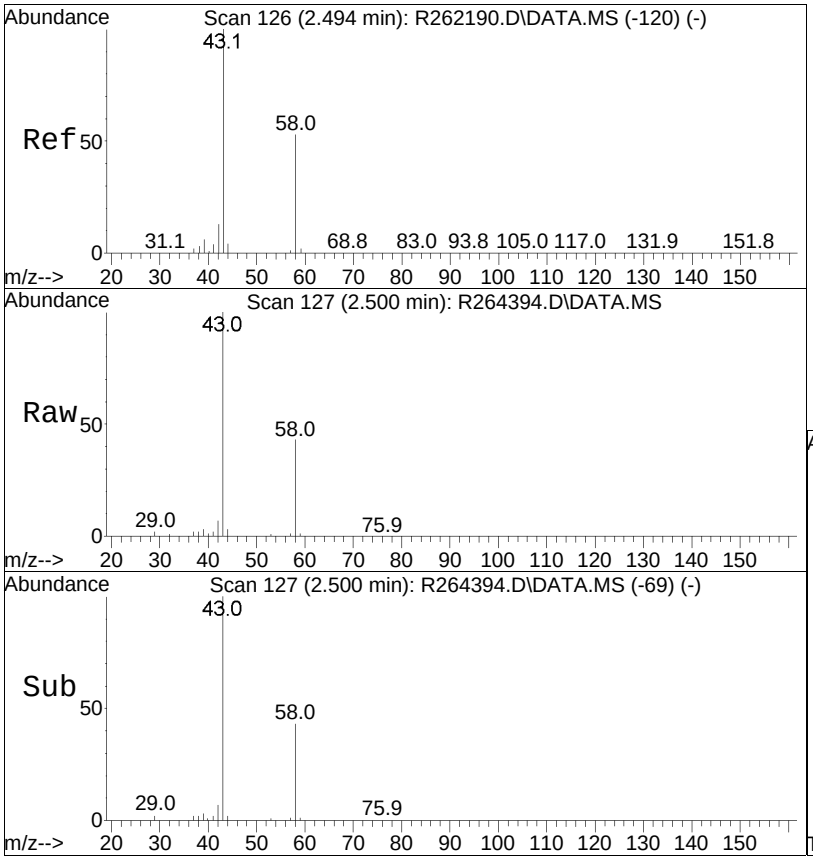


#17
vinyl bromide
Concen: 8.29 ppbV
RT: 2.438 min Scan# 116
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:106 Resp: 138457

Ion	Ratio	Lower	Upper
106	100		
108	90.5	79.4	119.0

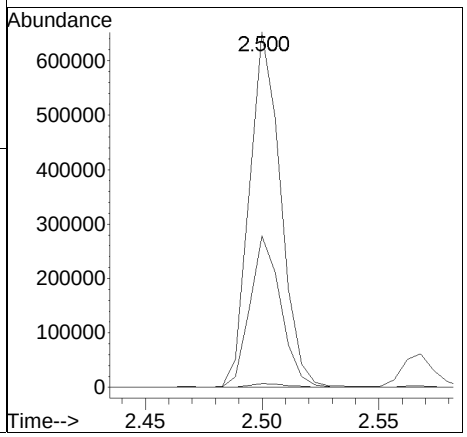


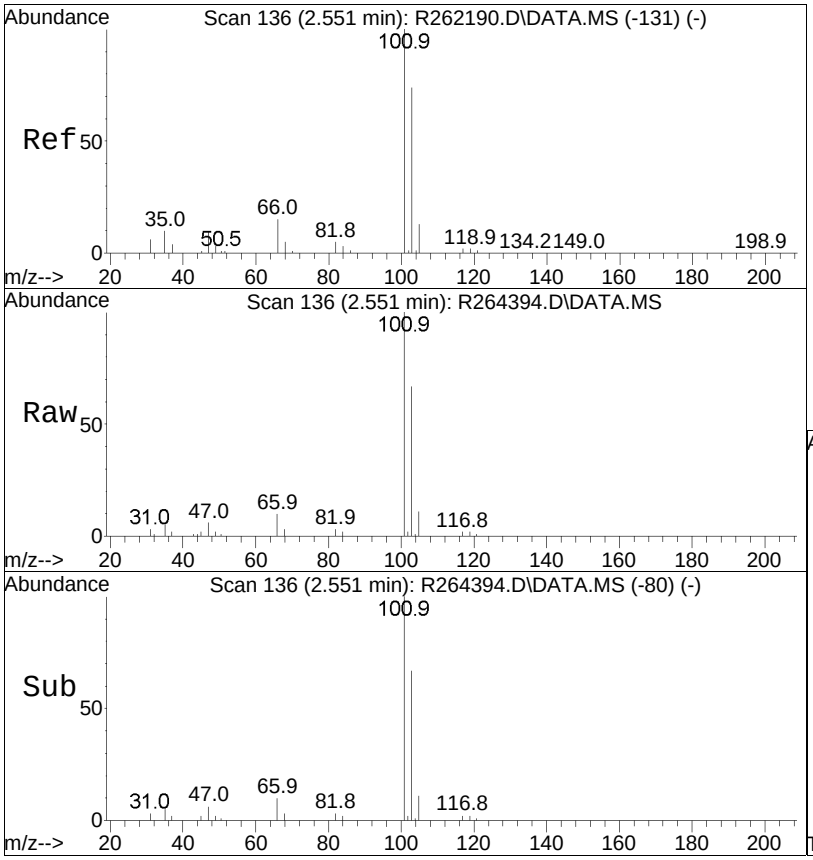


#19
acetone
Concen: 39.65 ppbV
RT: 2.500 min Scan# 127
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 43 Resp: 608674

Ion	Ratio	Lower	Upper
43	100		
58	42.6	32.9	49.3
57	1.1	1.0	1.4

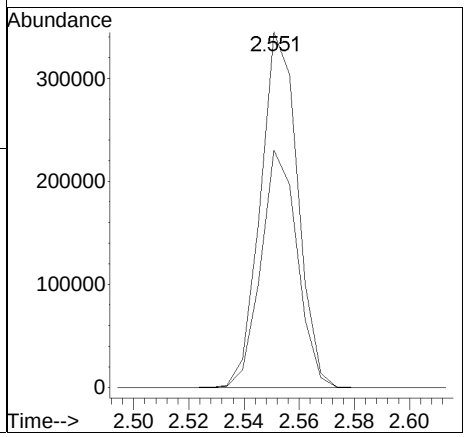


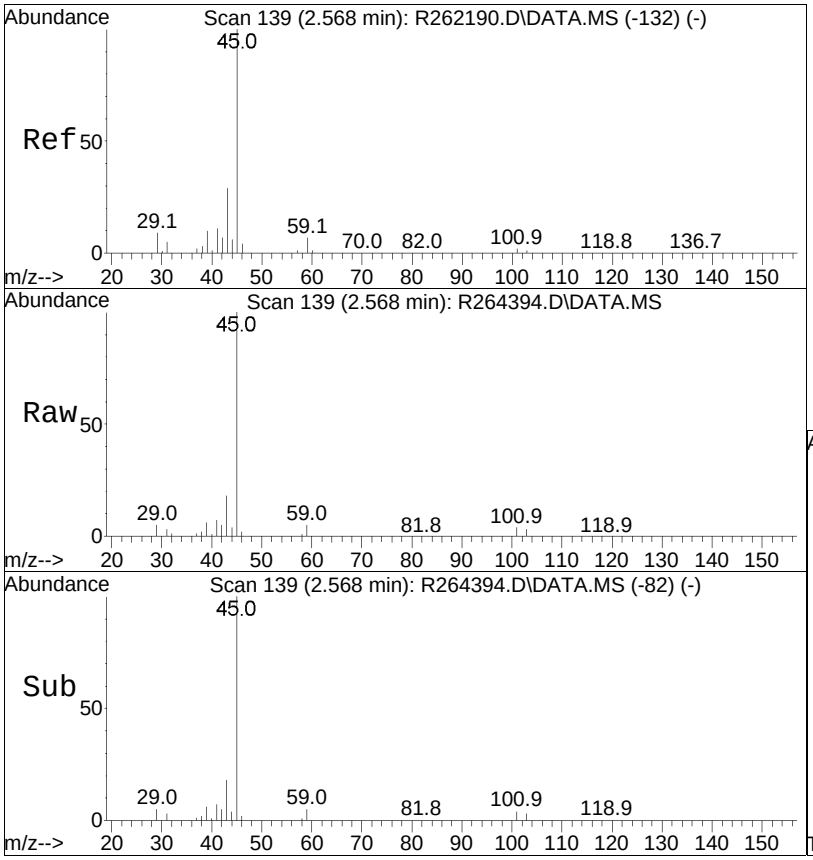


#21
trichlorofluoromethane
Concen: 8.76 ppbV
RT: 2.551 min Scan# 136
Delta R.T. -0.006 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:101 Resp: 322818

Ion	Ratio	Lower	Upper
101	100		
103	66.8	50.9	76.3

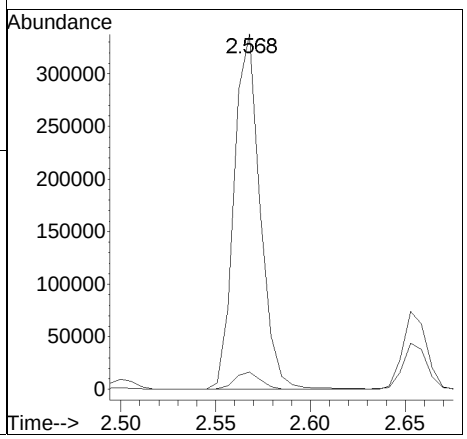


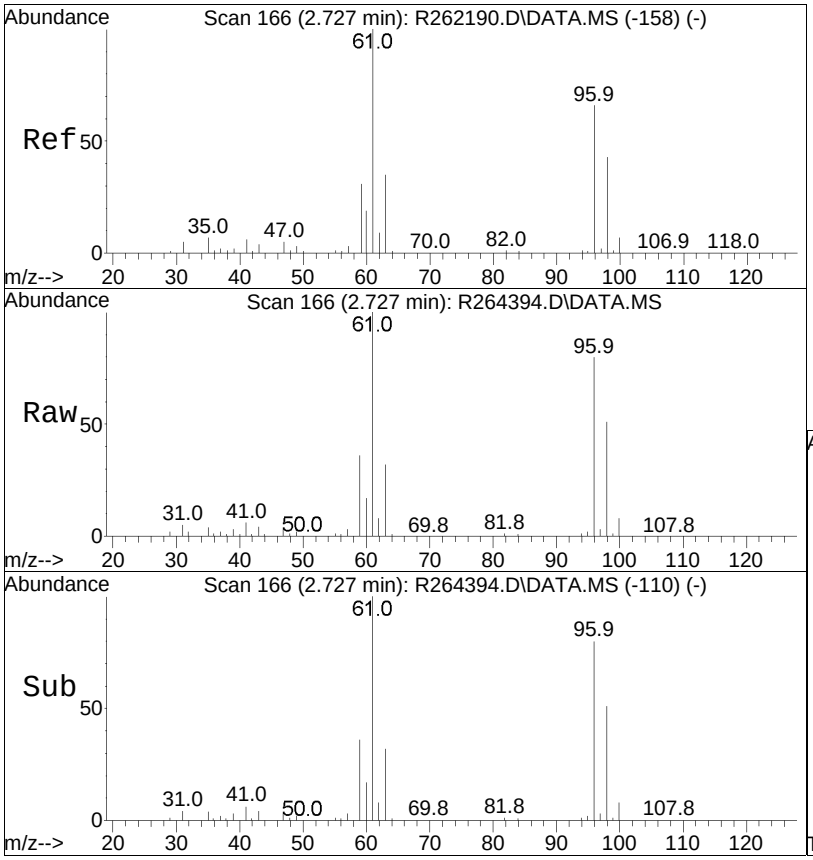


#22
isopropyl alcohol
Concen: 17.68 ppbV
RT: 2.568 min Scan# 139
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 45 Resp: 323988

Ion	Ratio	Lower	Upper
45	100		
59	4.9	4.4	6.6

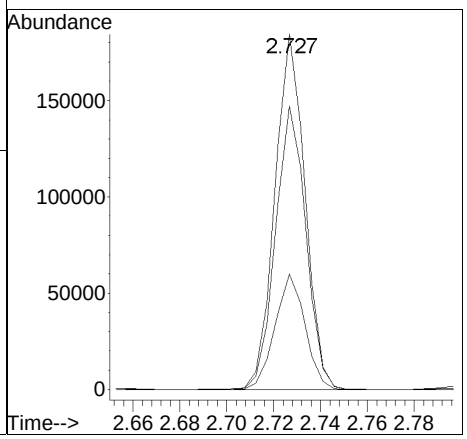


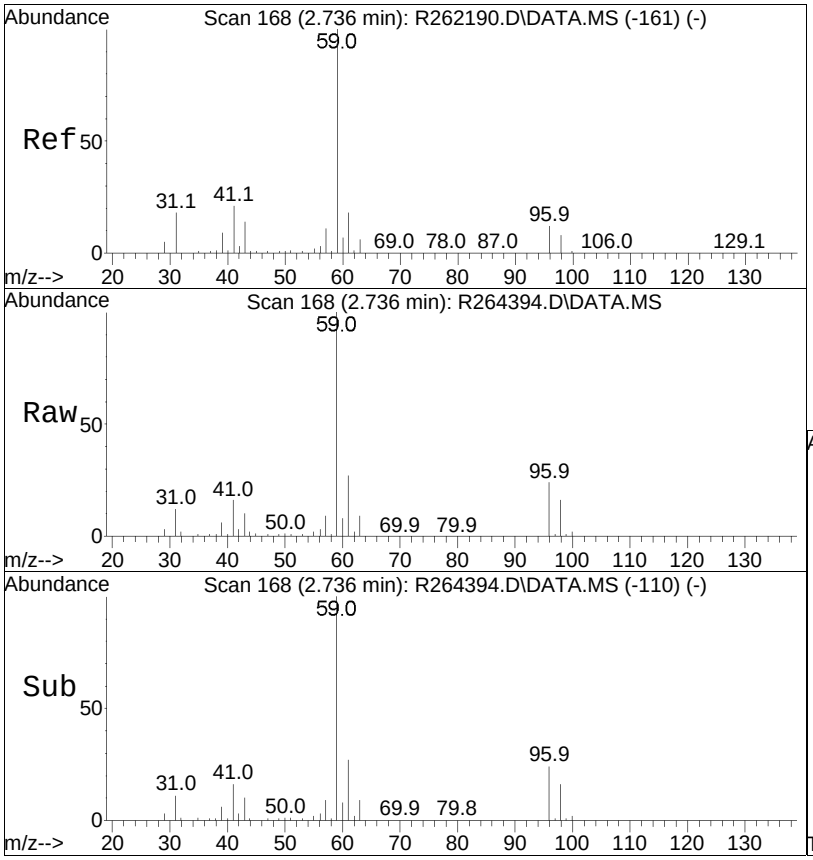


#26
1,1-dichloroethene
Concen: 8.81 ppbV
RT: 2.727 min Scan# 166
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 61 Resp: 194361

Ion	Ratio	Lower	Upper
61	100		
96	79.7	60.6	91.0
63	32.5	25.3	37.9

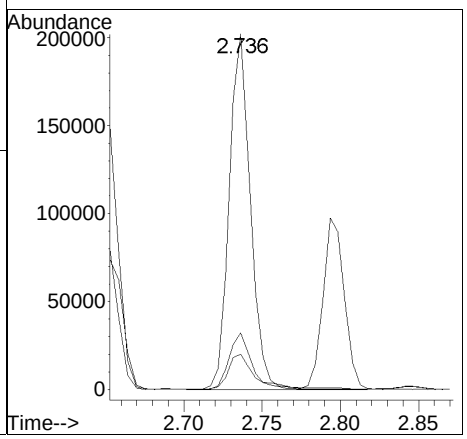


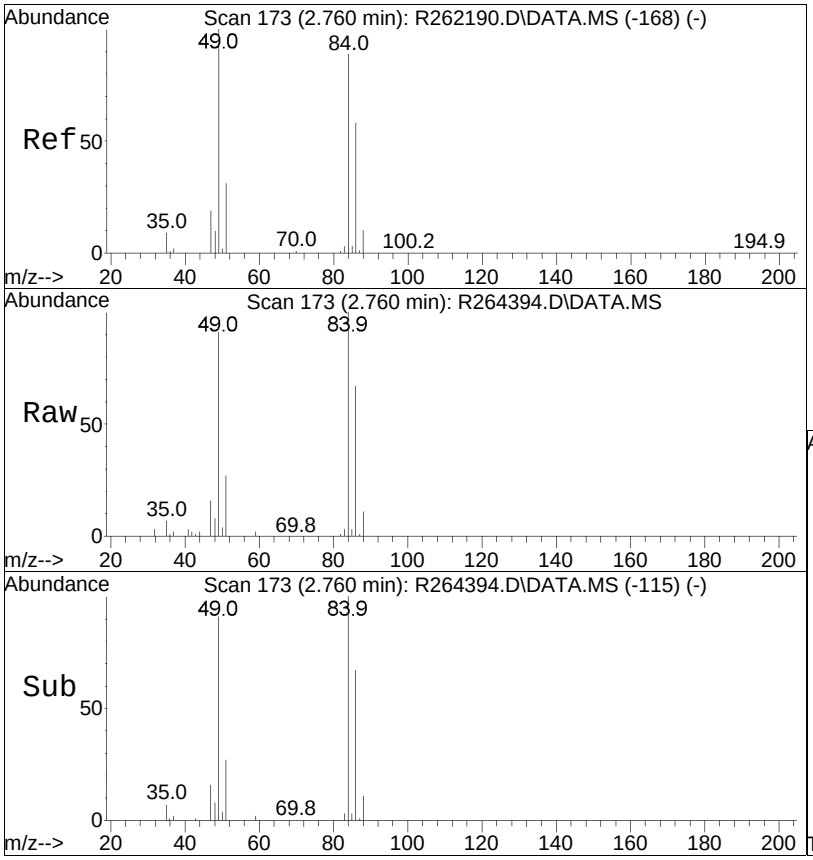


#27
tertiary butyl alcohol
Concen: 6.99 ppbV
RT: 2.736 min Scan# 168
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 59 Resp: 191490

Ion	Ratio	Lower	Upper
59	100		
41	15.9	12.3	18.5
43	9.9	8.6	12.8

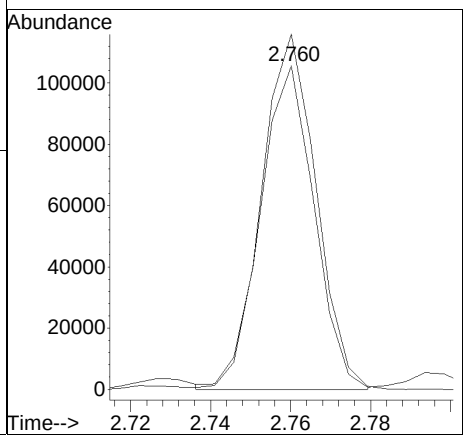


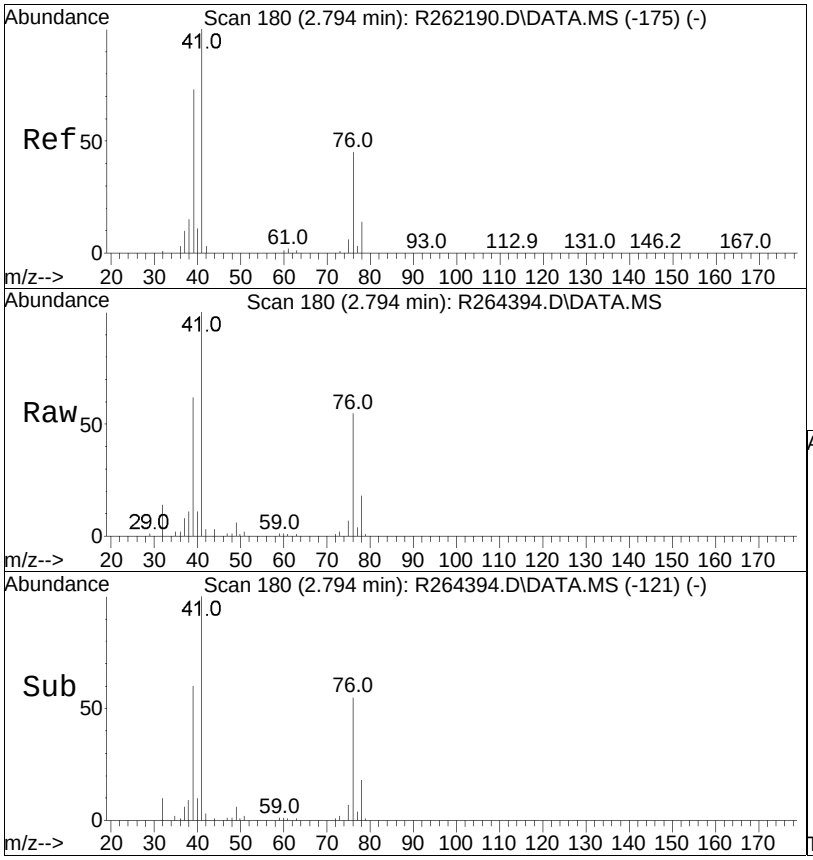


#28
methylene chloride
Concen: 7.80 ppbV
RT: 2.760 min Scan# 173
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 49 Resp: 98980

Ion	Ratio	Lower	Upper
49	100		
84	109.8	85.3	127.9

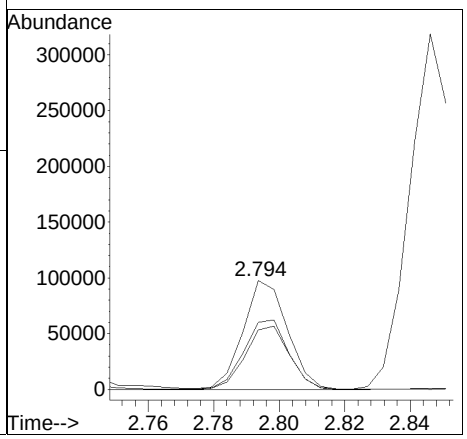


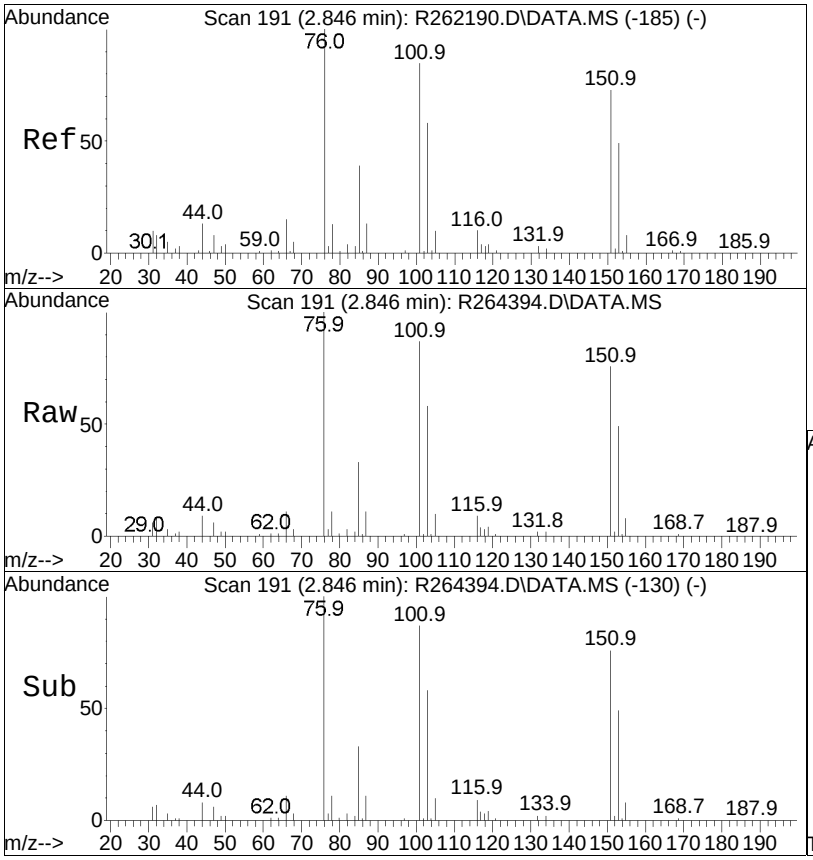


#29
3-chloropropene
Concen: 6.95 ppbV
RT: 2.794 min Scan# 180
Delta R.T. -0.005 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 41 Resp: 92168

Ion	Ratio	Lower	Upper
41	100		
39	61.7	48.9	73.3
76	54.7	43.4	65.2

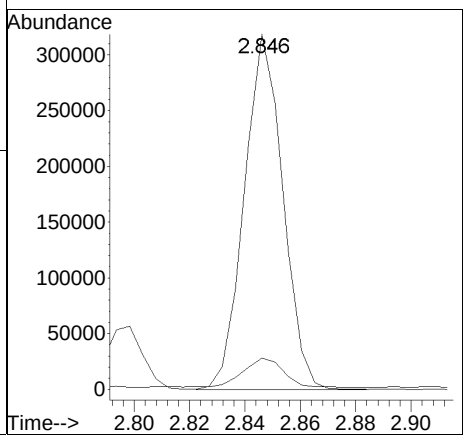


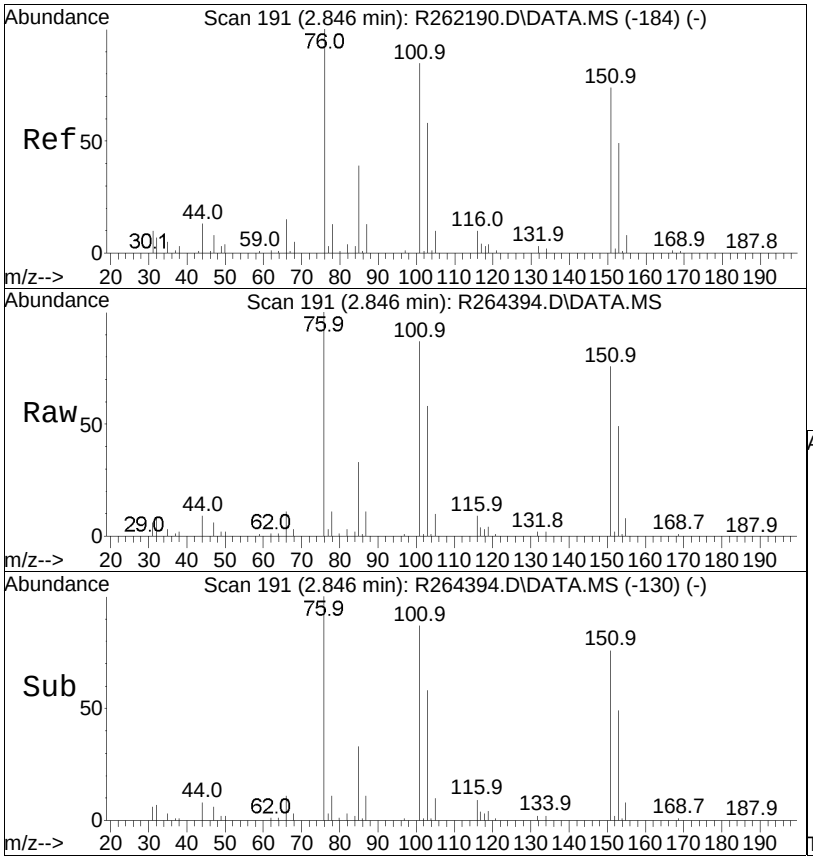


#30
carbon disulfide
Concen: 7.88 ppbV
RT: 2.846 min Scan# 191
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 76 Resp: 308182

Ion	Ratio	Lower	Upper
76	100		
44	8.8	7.5	11.3

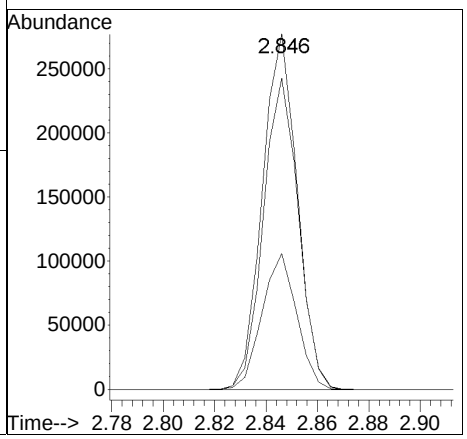


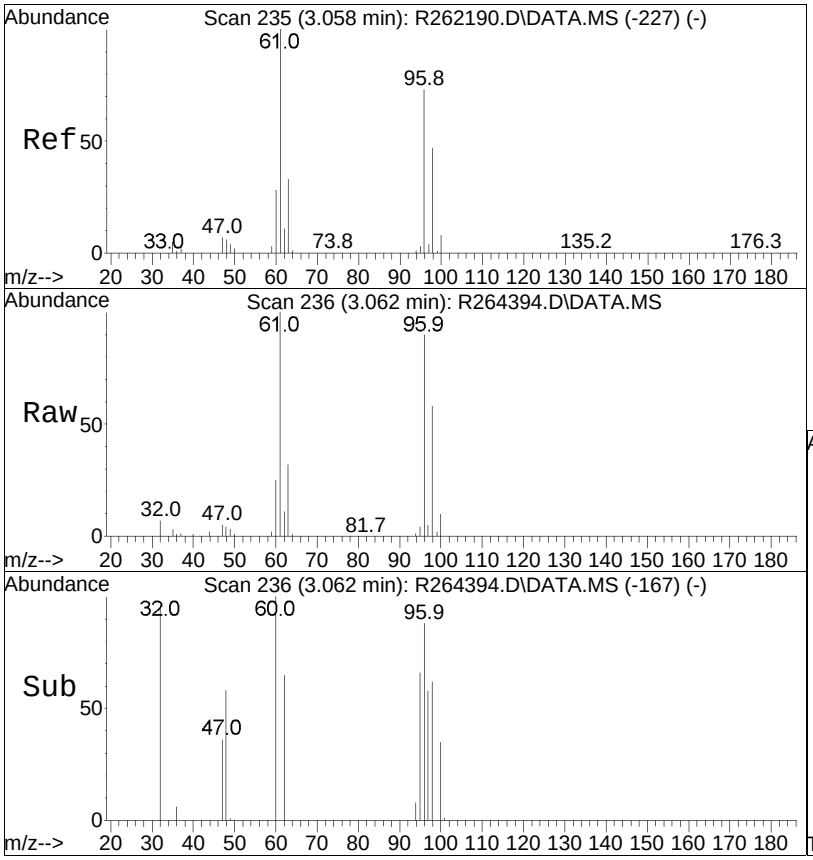


#31
Freon 113
Concen: 8.22 ppbV
RT: 2.846 min Scan# 191
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:101 Resp: 260865

Ion	Ratio	Lower	Upper
101	100		
85	38.2	29.9	44.9
151	87.6	67.5	101.3

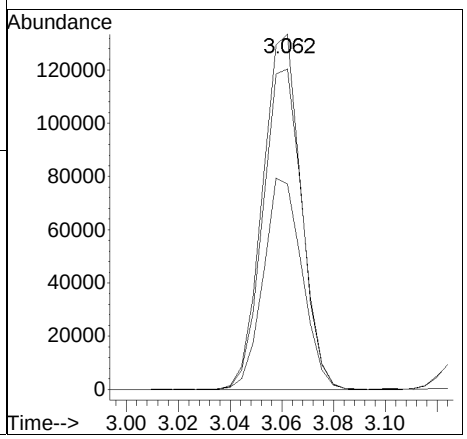


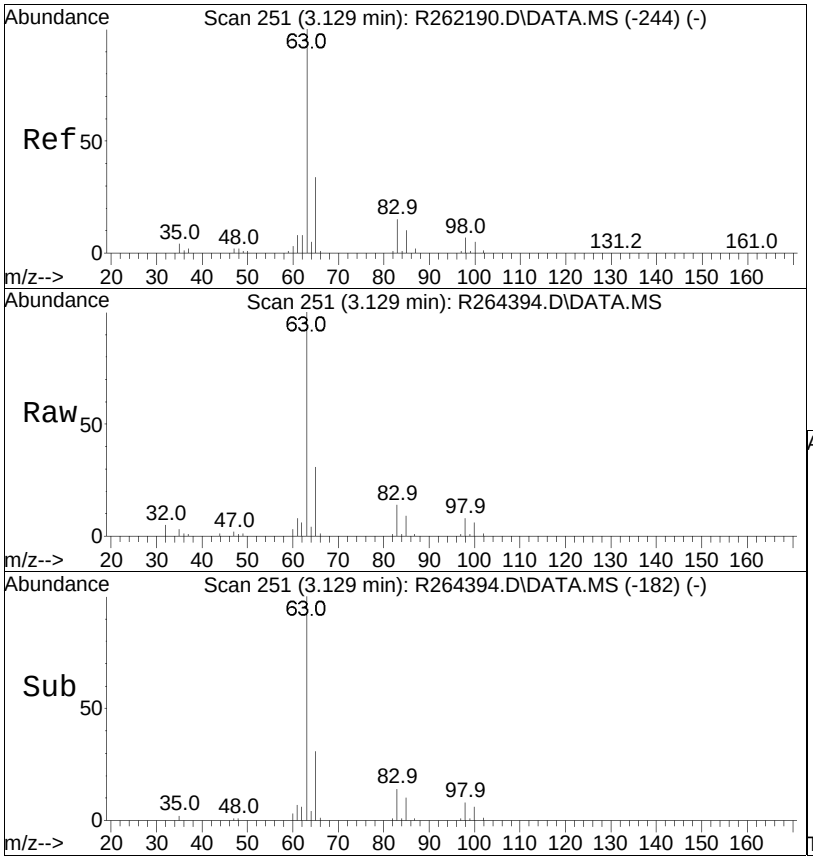


#32
trans-1,2-dichloroethene
Concen: 7.52 ppbV
RT: 3.062 min Scan# 236
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 61 Resp: 138039

Ion	Ratio	Lower	Upper
61	100		
96	90.2	70.3	105.5
98	57.8	44.5	66.7

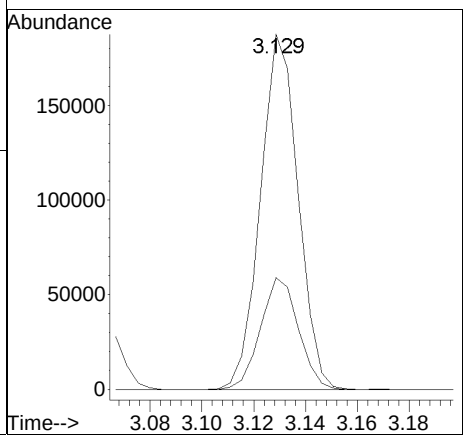


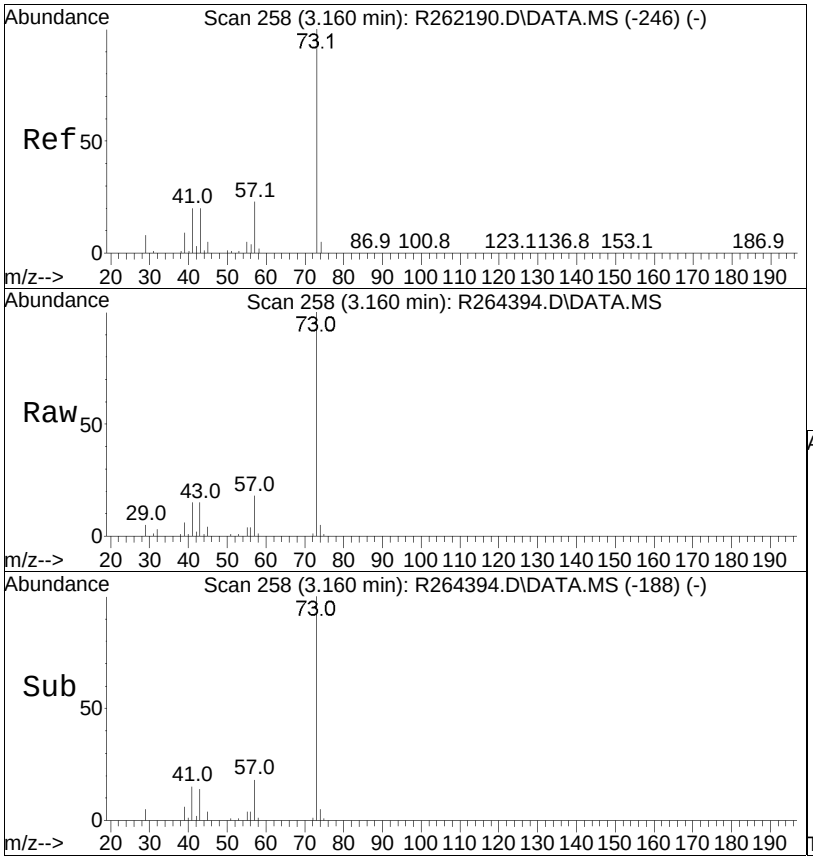


#33
1,1-dichloroethane
Concen: 7.56 ppbV
RT: 3.129 min Scan# 251
Delta R.T. -0.004 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 63 Resp: 189135

Ion	Ratio	Lower	Upper
63	100		
65	31.4	26.2	39.4

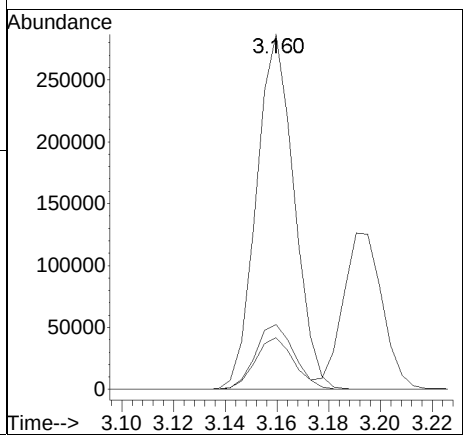


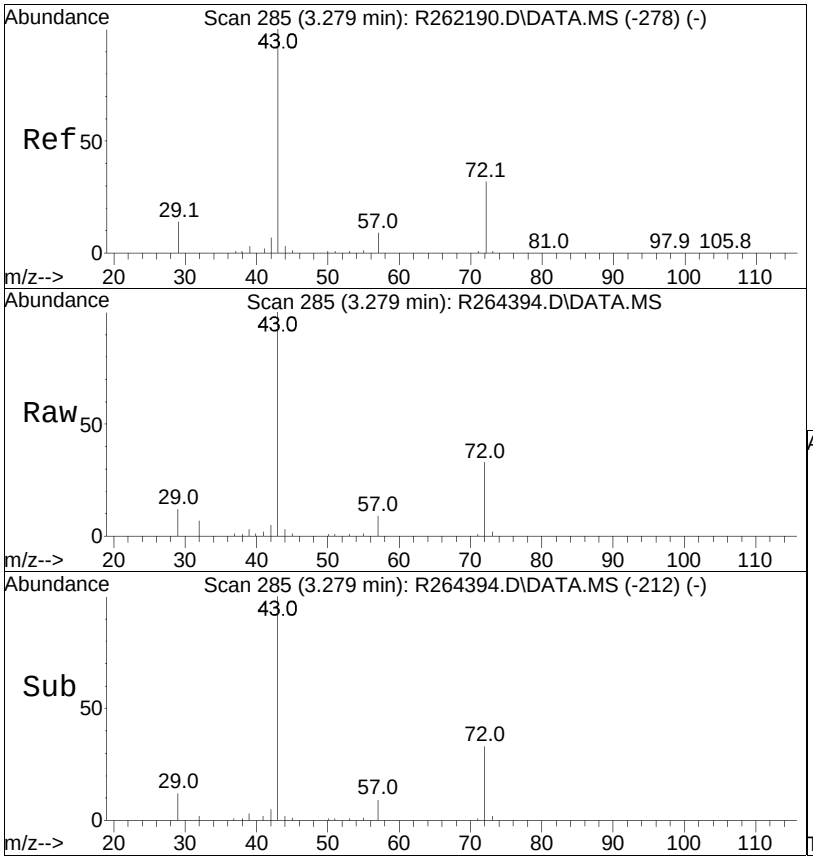


#34
MTBE
Concen: 7.44 ppbV
RT: 3.160 min Scan# 258
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 73 Resp: 290578

Ion	Ratio	Lower	Upper
73	100		
57	18.3	16.0	24.0
43	14.6	12.2	18.2

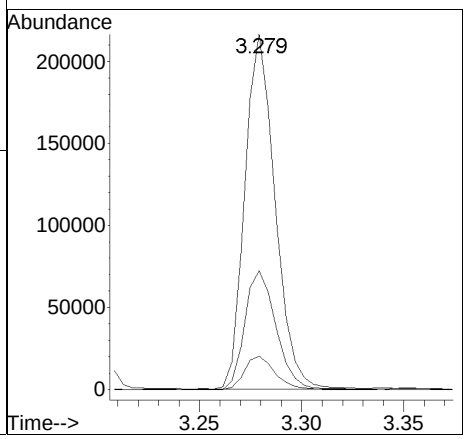


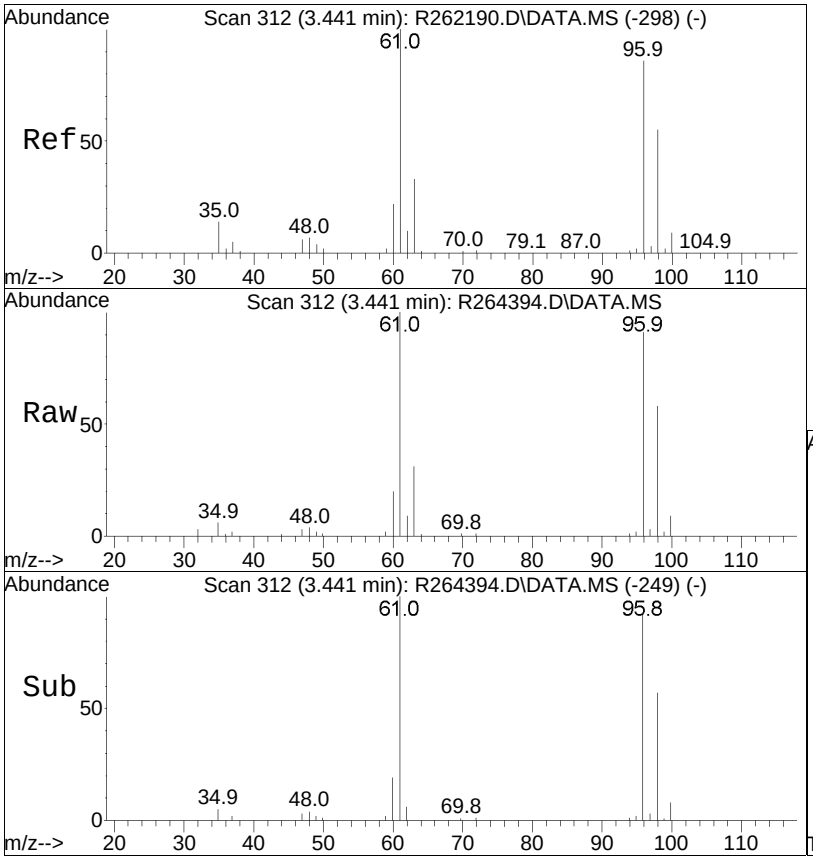


#36
2-butanone
Concen: 8.79 ppbV
RT: 3.279 min Scan# 285
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 43 Resp: 222291

Ion	Ratio	Lower	Upper
43	100		
72	33.4	27.1	40.7
57	9.3	7.4	11.2

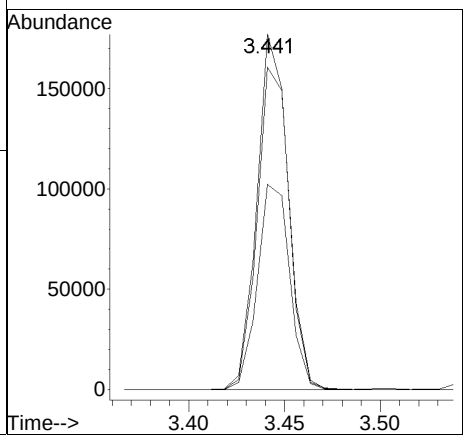


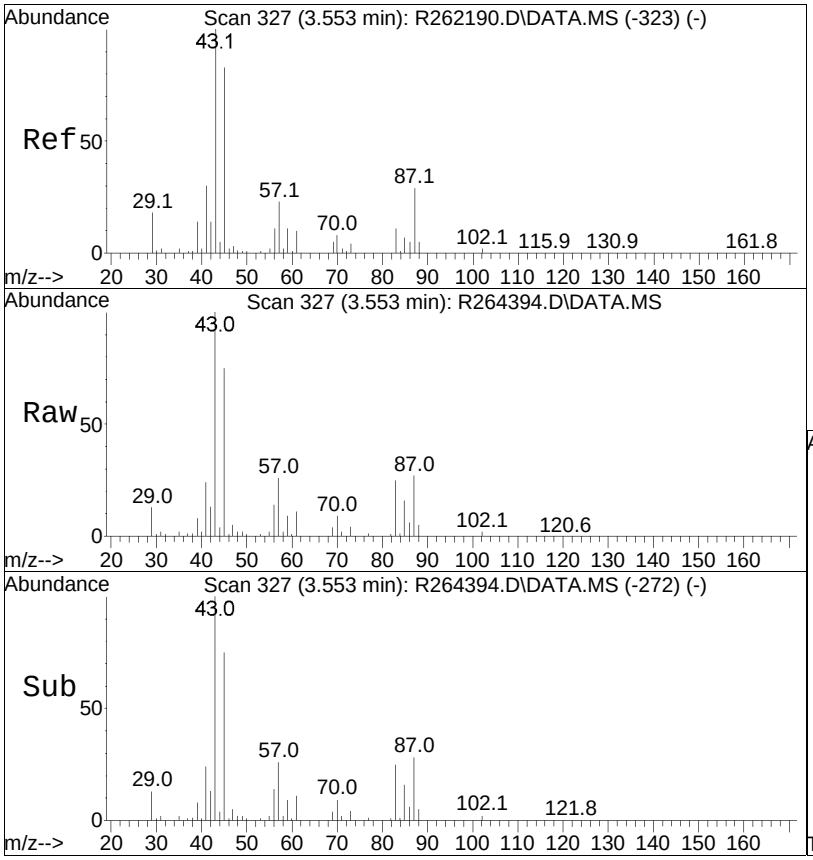


#37
cis-1,2-dichloroethene
Concen: 9.45 ppbV
RT: 3.441 min Scan# 312
Delta R.T. -0.008 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 61 Resp: 198880

Ion	Ratio	Lower	Upper
61	100		
96	90.7	79.7	119.5
98	57.7	48.9	73.3

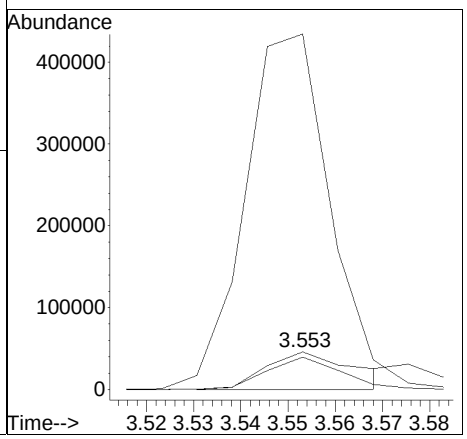


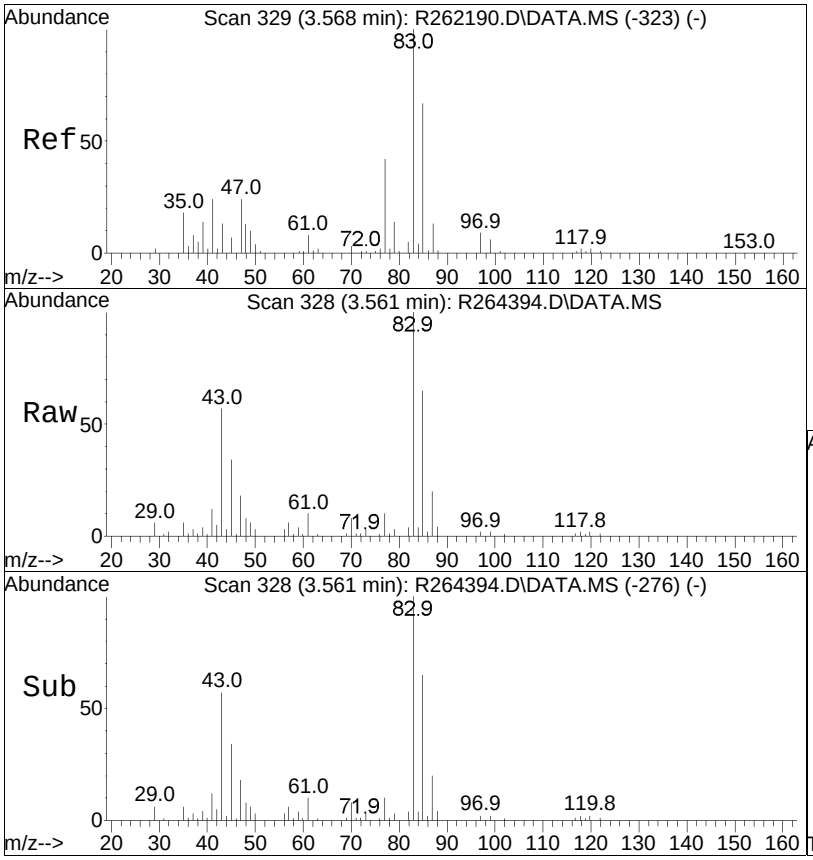


#38
Ethyl Acetate
Concen: 10.61 ppbV m
RT: 3.553 min Scan# 327
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 61 Resp: 59564

Ion	Ratio	Lower	Upper
61	100		
70	86.1	70.6	105.8
43	946.8	760.4	1140.6

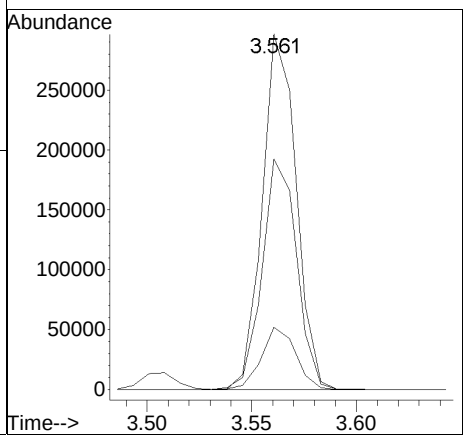


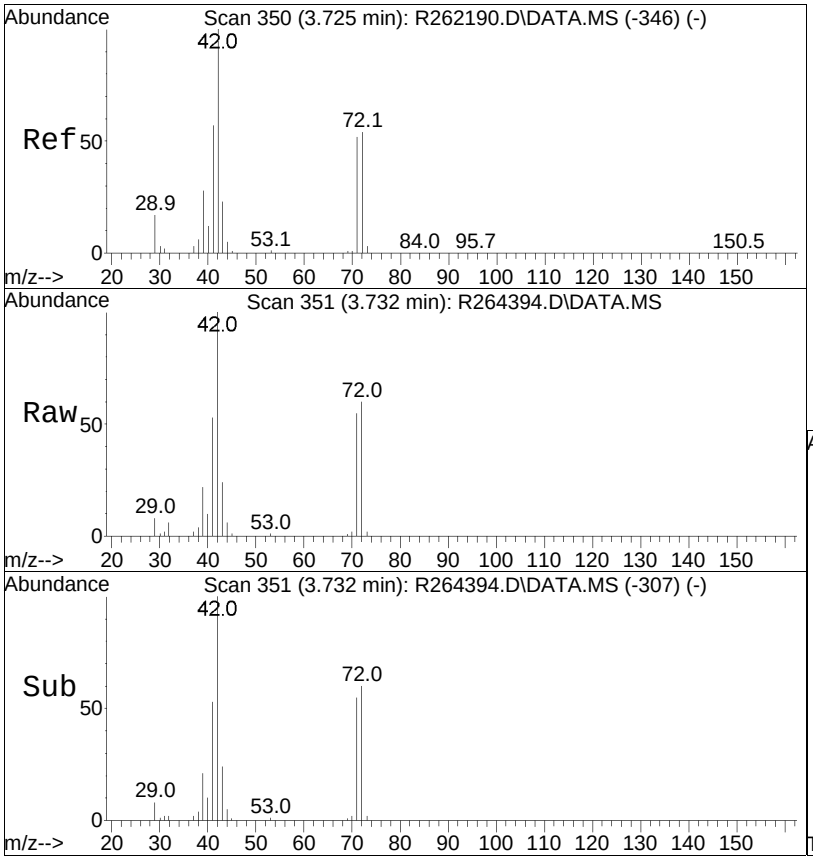


#39
chloroform
Concen: 9.81 ppbV
RT: 3.561 min Scan# 328
Delta R.T. -0.008 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 83 Resp: 333704

Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.6	78.8
47	17.5	14.1	21.1

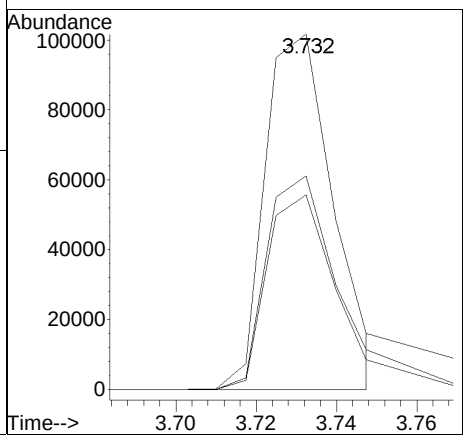


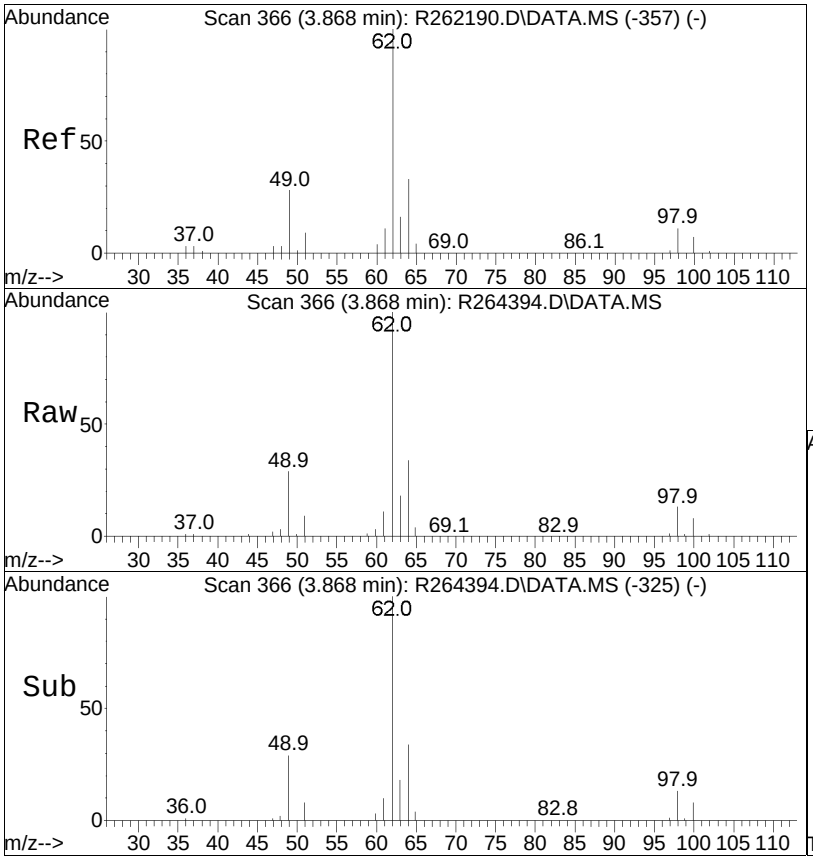


#40
Tetrahydrofuran
Concen: 9.81 ppbV m
RT: 3.732 min Scan# 351
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 42 Resp: 120385

Ion	Ratio	Lower	Upper
42	100		
71	54.7	45.4	68.2
72	60.1	47.4	71.0

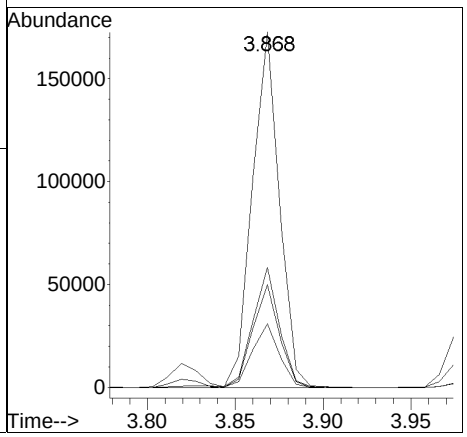


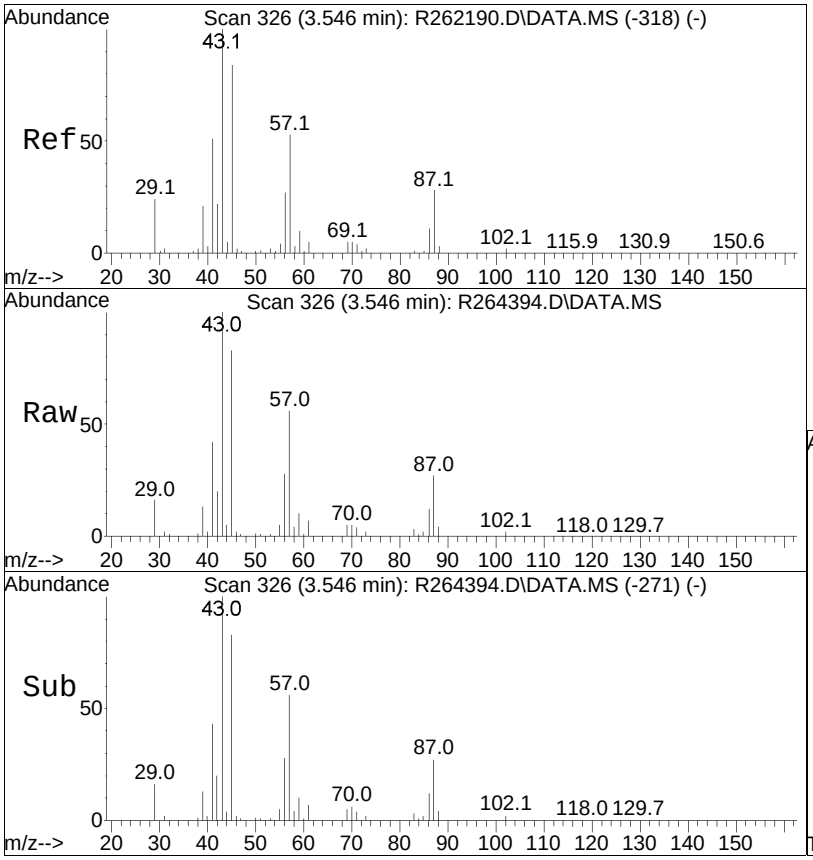


#42
1,2-dichloroethane
Concen: 9.20 ppbV
RT: 3.868 min Scan# 366
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 62 Resp: 184450

Ion	Ratio	Lower	Upper
62	100		
64	33.8	26.2	39.4
49	28.9	20.6	31.0
63	17.9	13.3	19.9

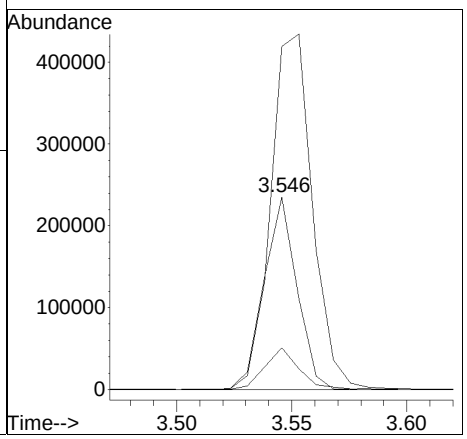


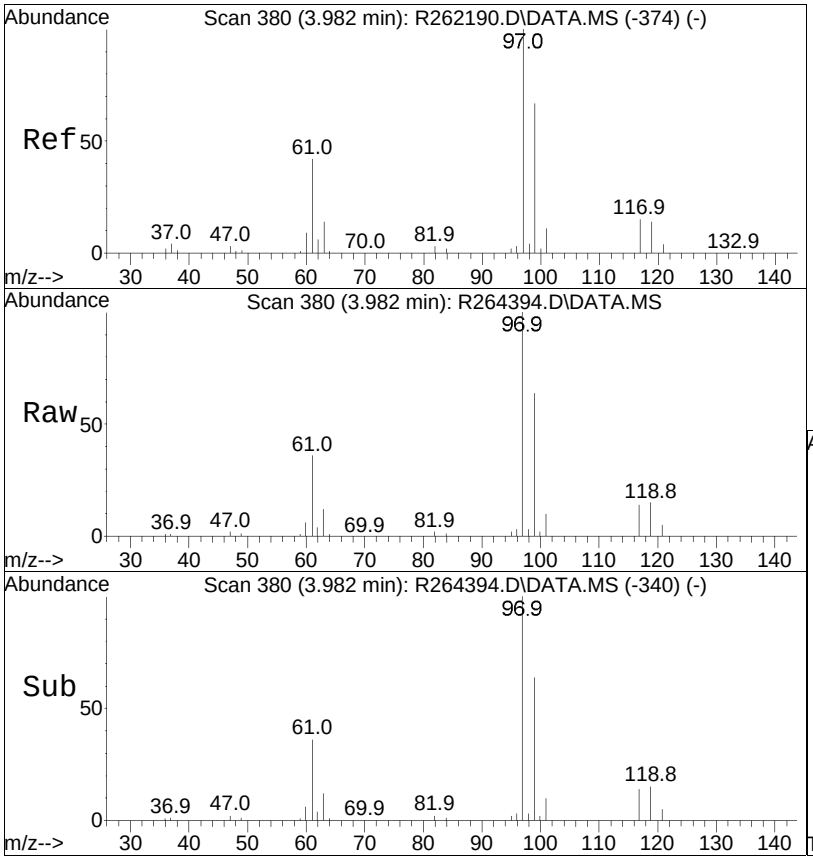


#44
hexane
Concen: 10.97 ppbV
RT: 3.546 min Scan# 326
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 57 Resp: 234542

Ion	Ratio	Lower	Upper
57	100		
43	178.5	140.7	211.1
86	21.7	16.7	25.1

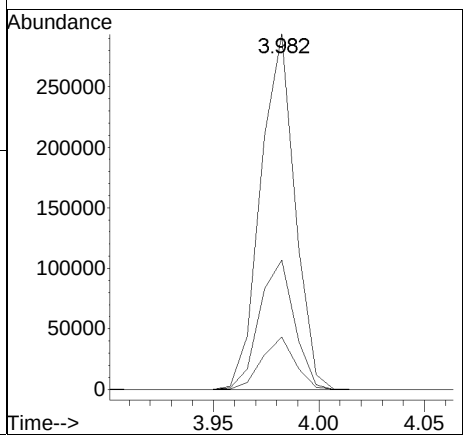


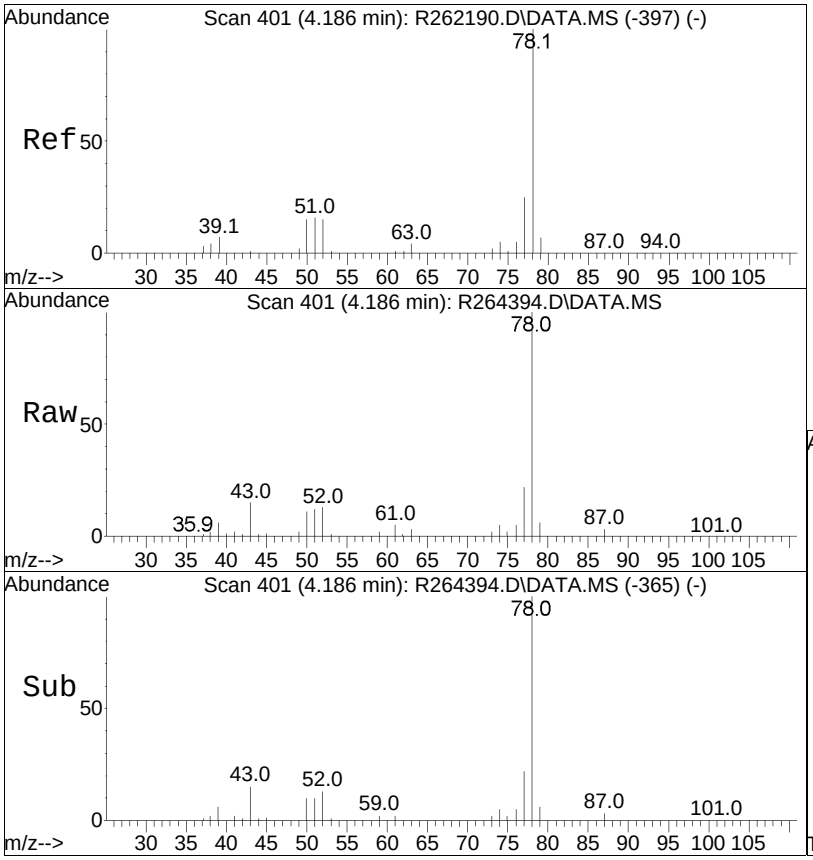


#48
1,1,1-trichloroethane
Concen: 10.31 ppbV
RT: 3.982 min Scan# 380
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 97 Resp: 331457

Ion	Ratio	Lower	Upper
97	100		
61	36.4	28.4	42.6
119	14.7	11.4	17.0

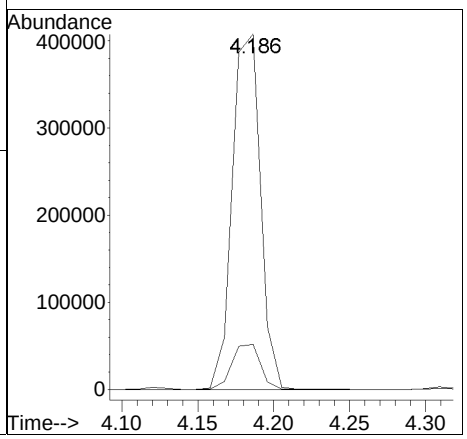


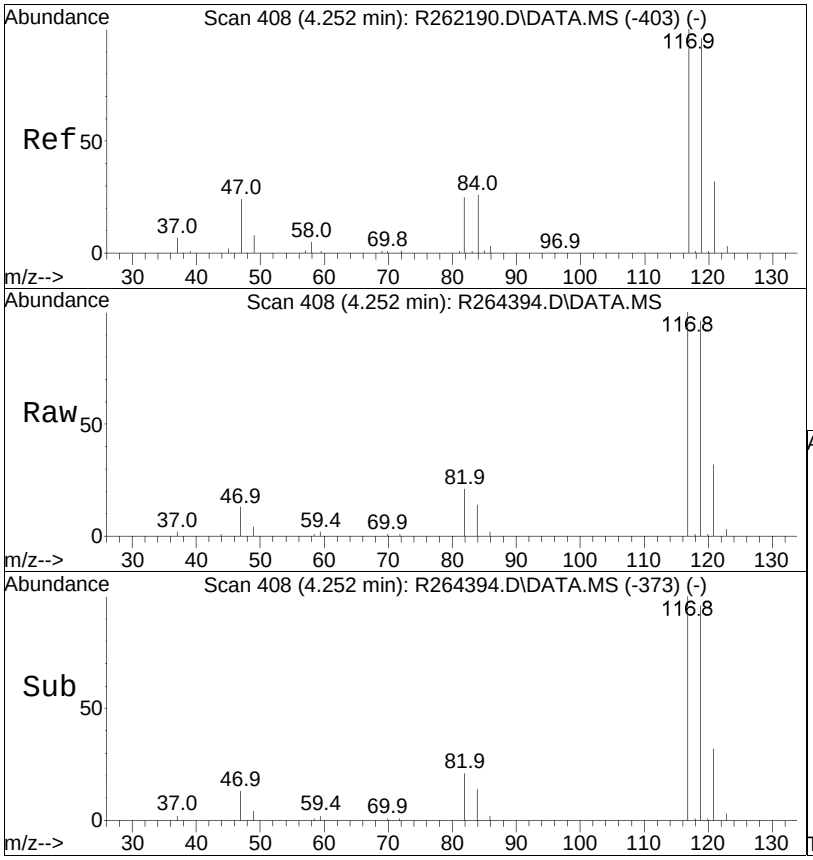


#50
benzene
Concen: 10.61 ppbV
RT: 4.186 min Scan# 401
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 78 Resp: 526930

Ion	Ratio	Lower	Upper
78	100		
52	12.7	10.3	15.5

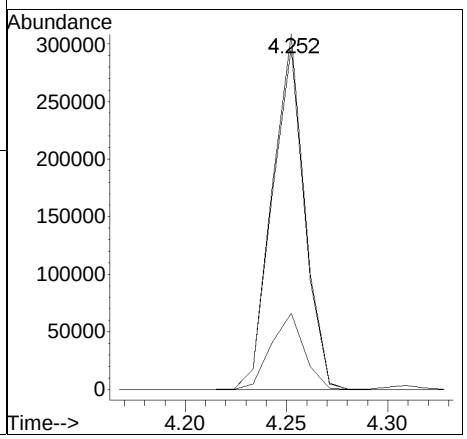


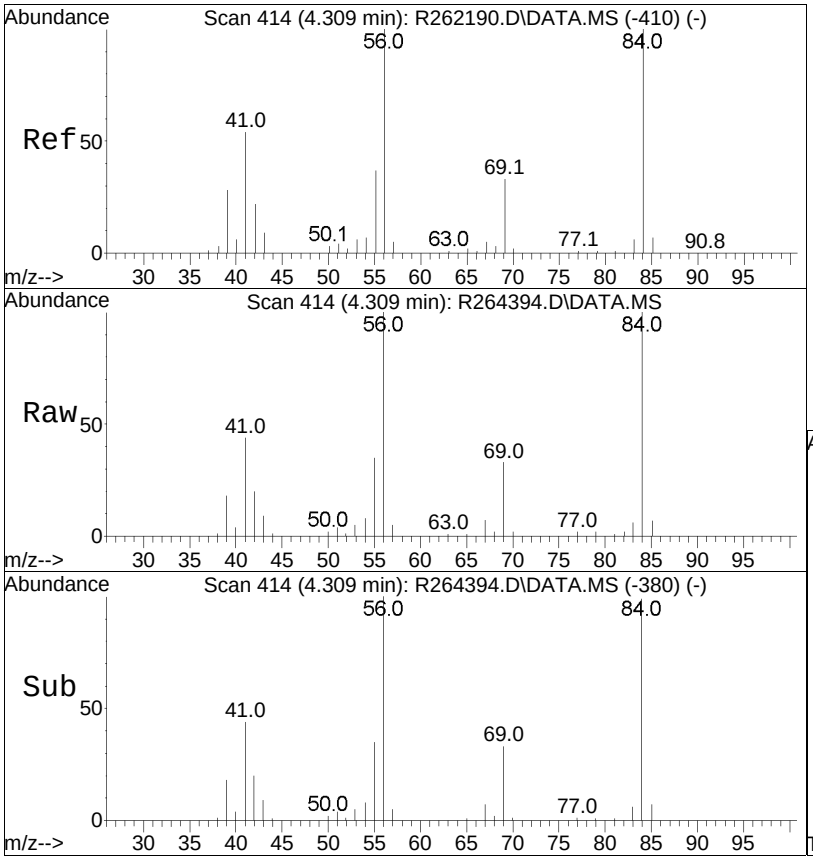


#52
carbon tetrachloride
Concen: 10.39 ppbV
RT: 4.252 min Scan# 408
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:117 Resp: 343321

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.7	115.1
82	21.4	17.0	25.6

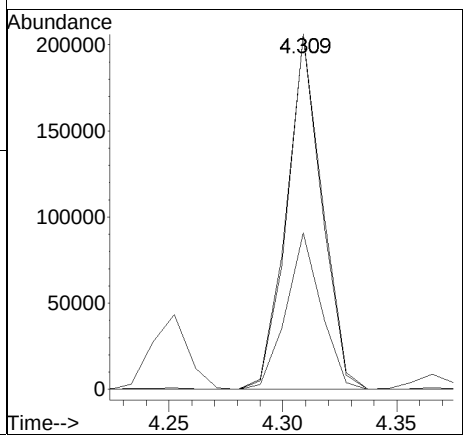


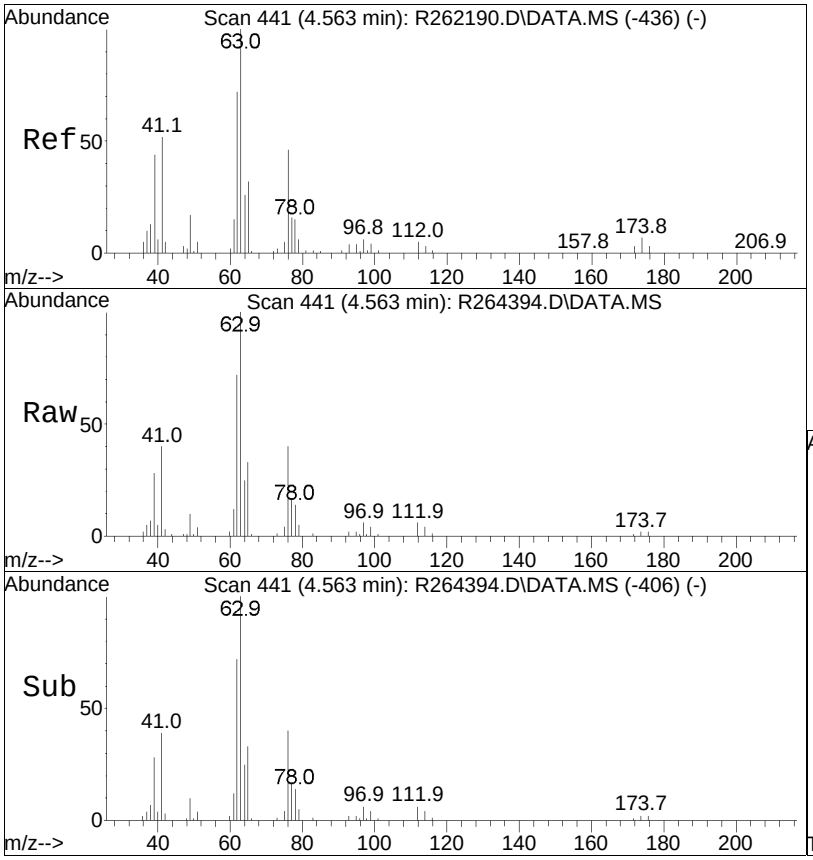


#53
cyclohexane
Concen: 10.37 ppbV
RT: 4.309 min Scan# 414
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 56 Resp: 220557

Ion	Ratio	Lower	Upper
56	100		
84	100.4	82.0	123.0
41	44.2	35.6	53.4

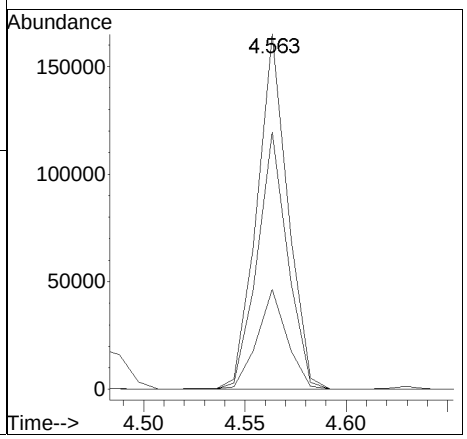


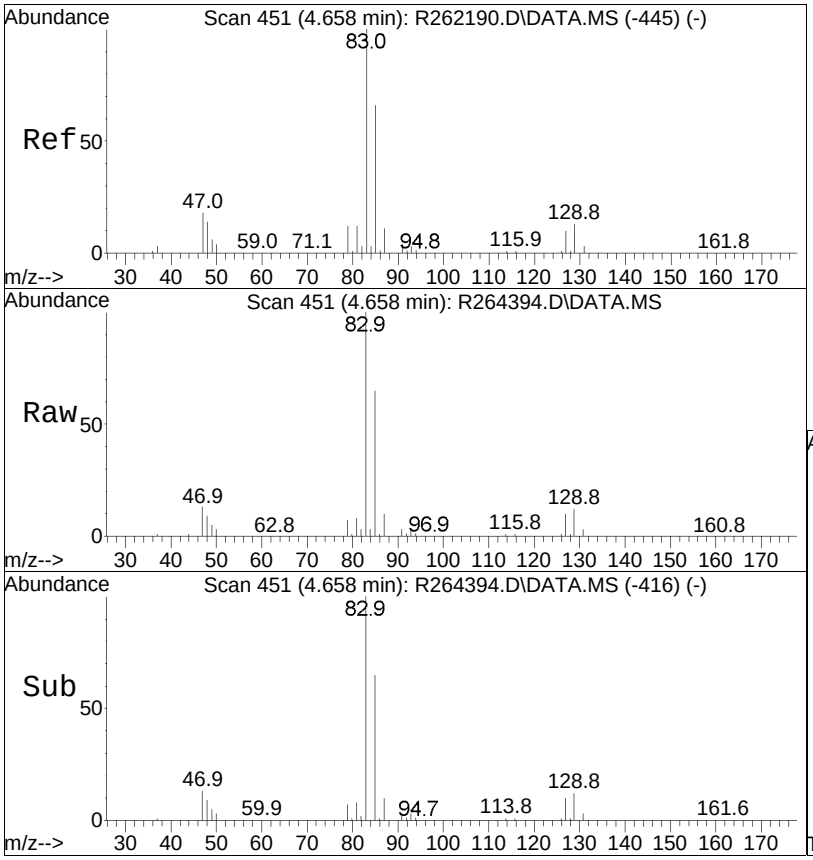


#56
1,2-dichloropropane
Concen: 10.59 ppbV
RT: 4.563 min Scan# 441
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 63 Resp: 175600

Ion	Ratio	Lower	Upper
63	100		
62	72.5	56.9	85.3
39	28.2	21.8	32.6

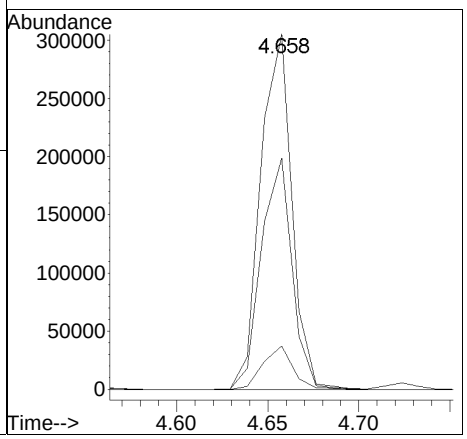


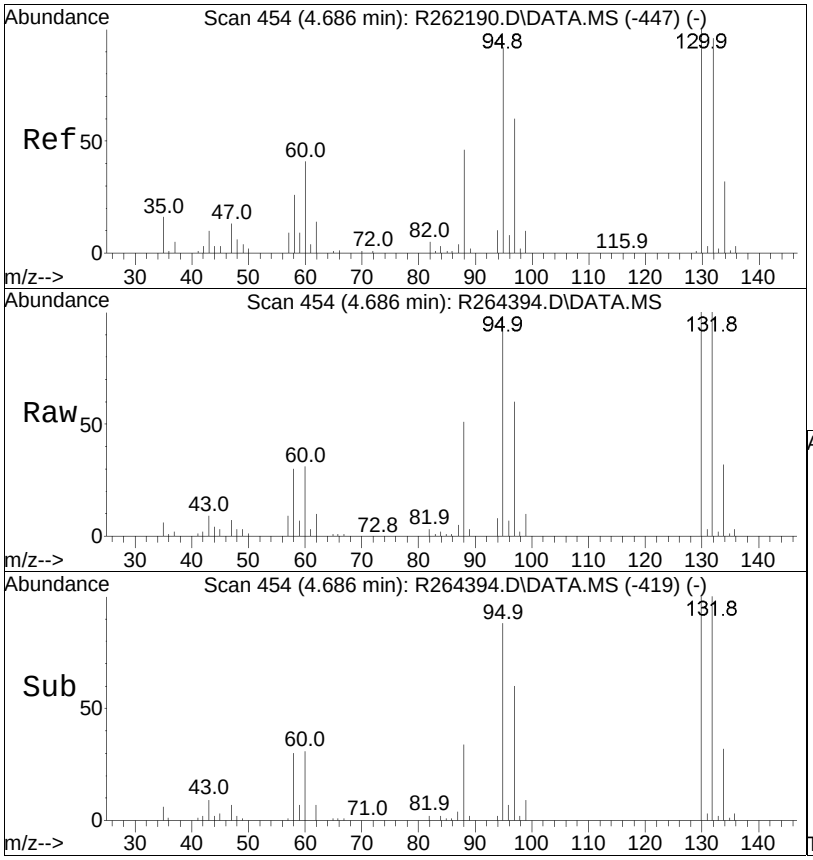


#57
bromodichloromethane
Concen: 11.25 ppbV
RT: 4.658 min Scan# 451
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 83 Resp: 363687

Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.9	77.9
129	12.2	9.9	14.9

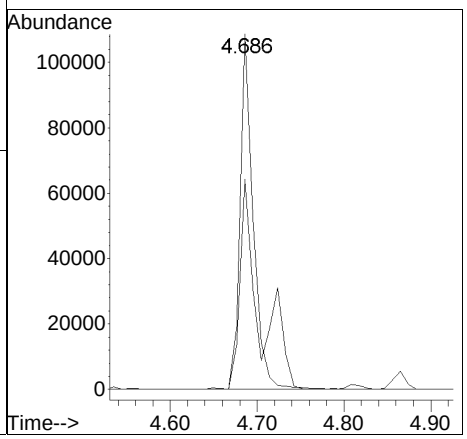


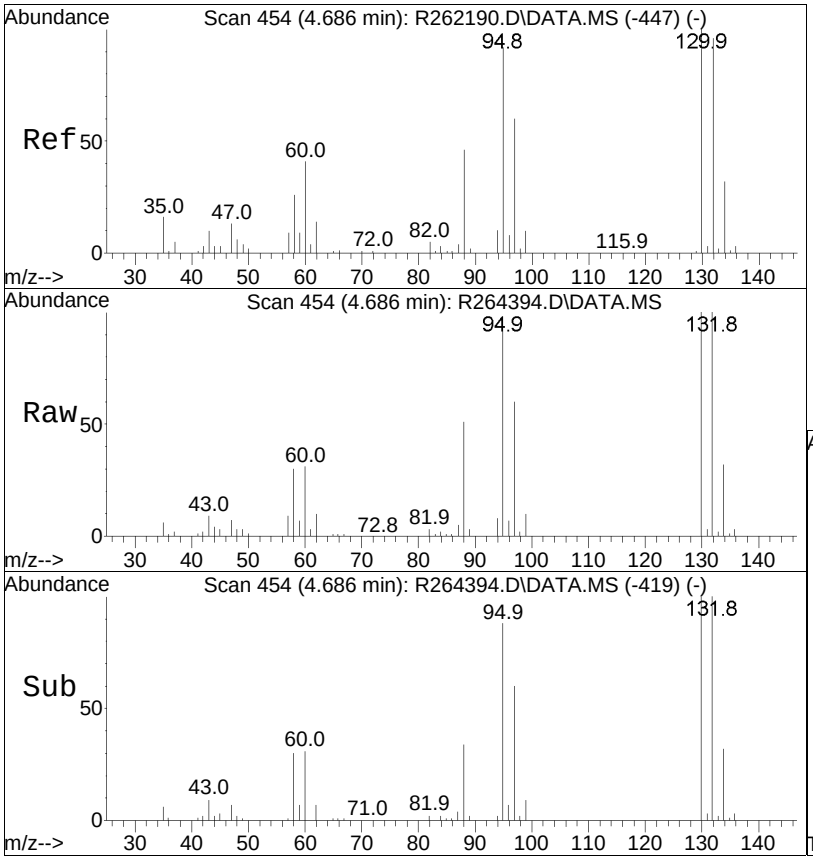


#58
1,4-dioxane
Concen: 10.51 ppbV
RT: 4.686 min Scan# 454
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 88 Resp: 114703

Ion	Ratio	Lower	Upper
88	100		
58	59.1	43.9	65.9

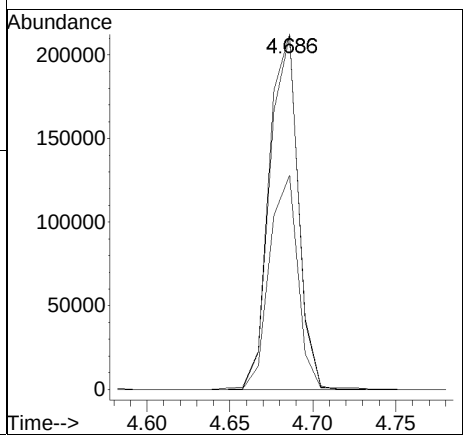


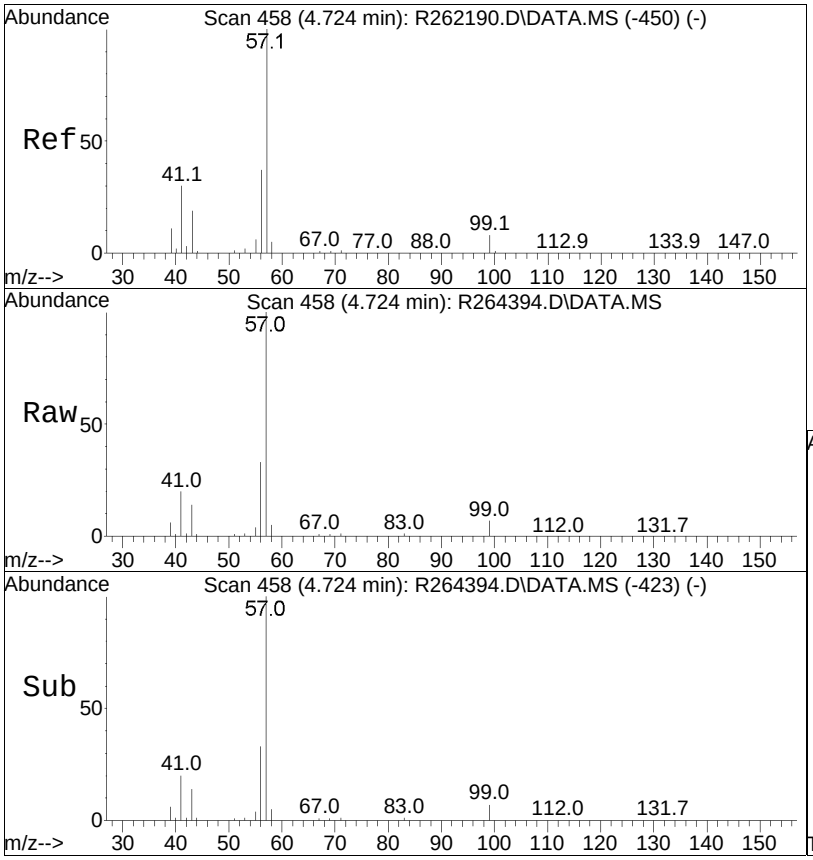


#59
trichloroethene
Concen: 10.07 ppbV
RT: 4.686 min Scan# 454
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:130 Resp: 259302

Ion	Ratio	Lower	Upper
130	100		
132	99.6	80.1	120.1
97	60.3	46.7	70.1

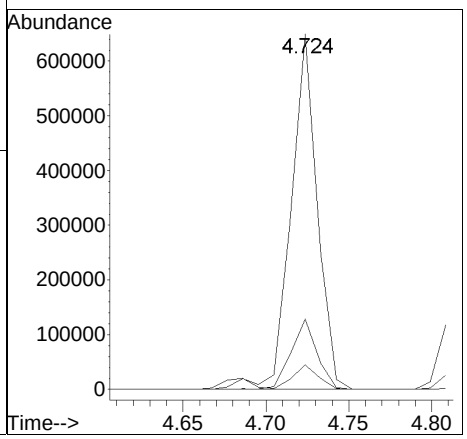


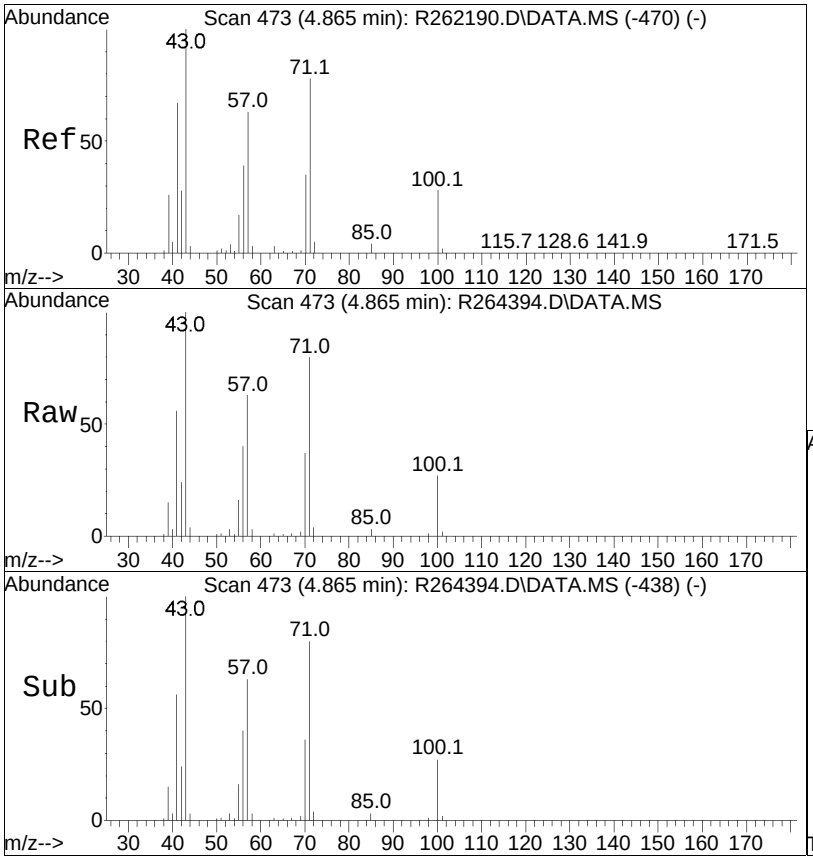


#60
2,2,4-trimethylpentane
Concen: 11.06 ppbV
RT: 4.724 min Scan# 458
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 57 Resp: 719898

Ion	Ratio	Lower	Upper
57	100		
99	6.9	6.0	9.0
41	19.8	16.3	24.5

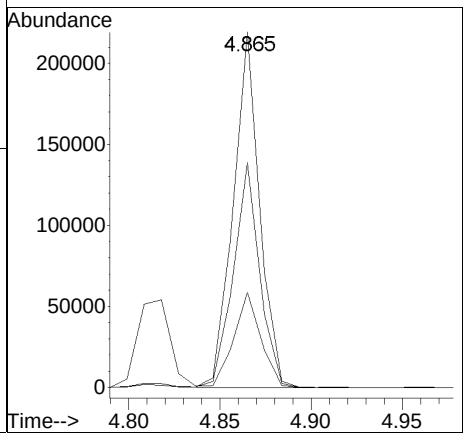


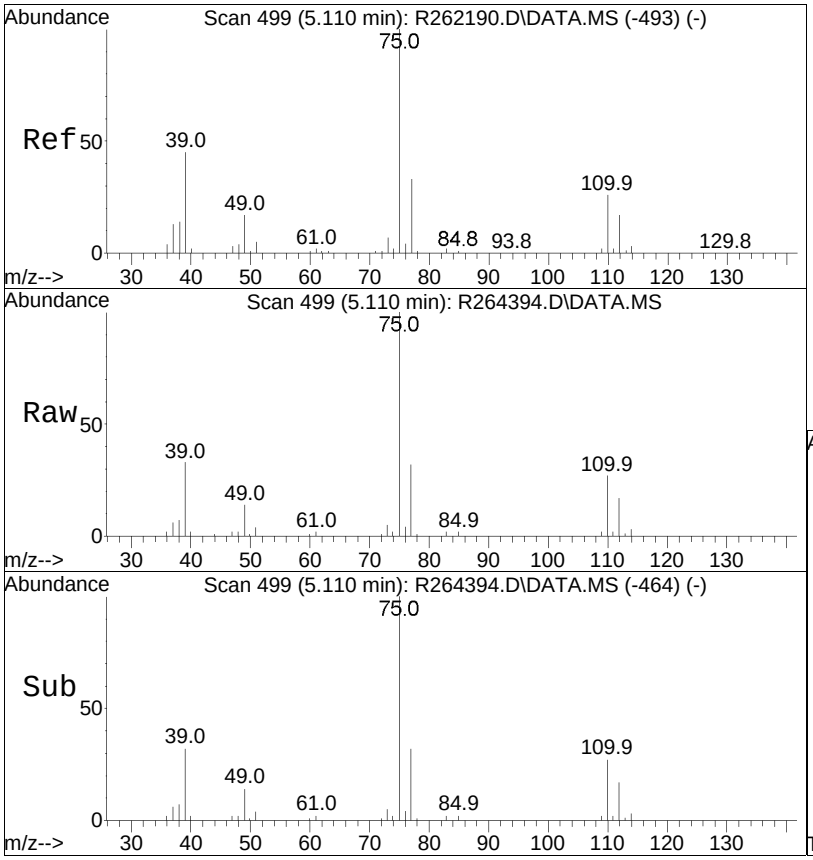


#62
heptane
Concen: 10.62 ppbV
RT: 4.865 min Scan# 473
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 43 Resp: 220400

Ion	Ratio	Lower	Upper
43	100		
57	63.2	52.1	78.1
100	26.8	24.8	37.2

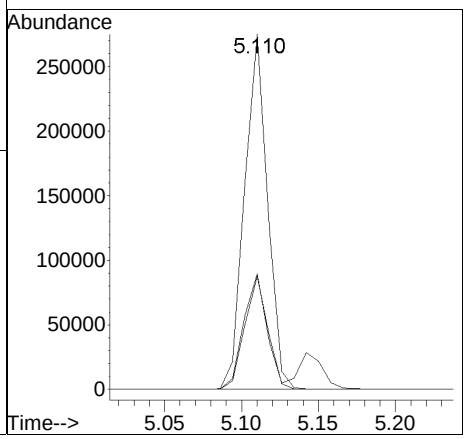


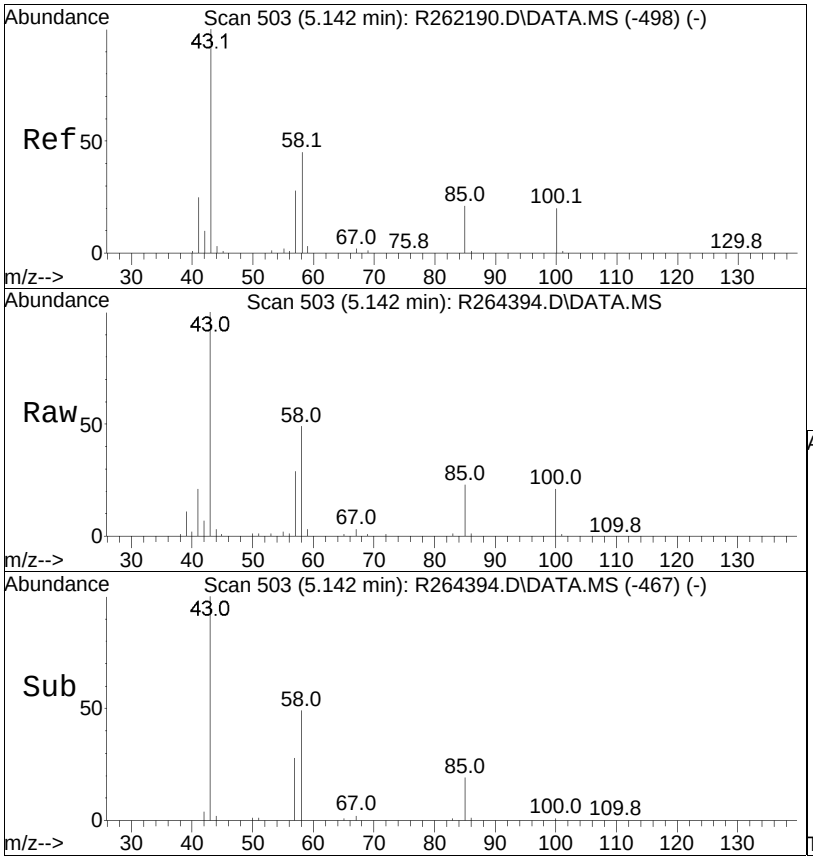


#63
cis-1,3-dichloropropene
Concen: 10.89 ppbV
RT: 5.110 min Scan# 499
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 75 Resp: 286690

Ion	Ratio	Lower	Upper
75	100		
39	32.6	25.4	38.2
77	31.8	25.8	38.8

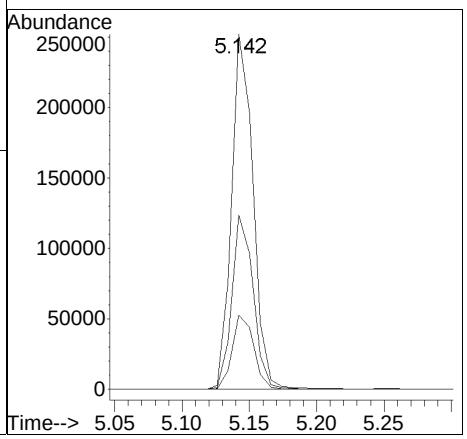


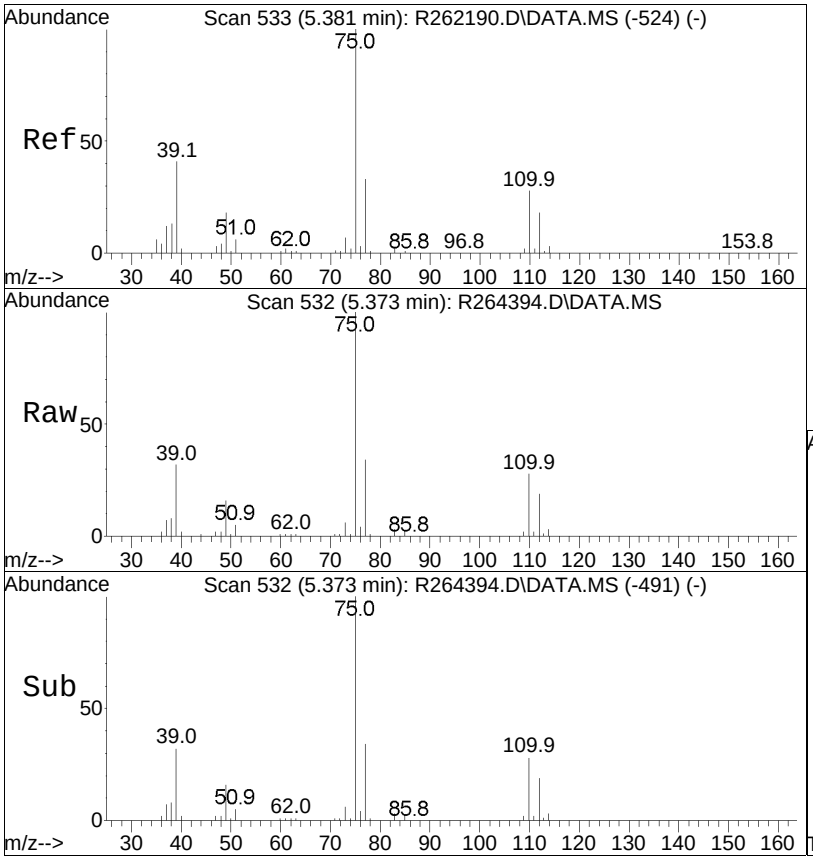


#64
4-methyl-2-pentanone
Concen: 10.87 ppbV
RT: 5.142 min Scan# 503
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 43 Resp: 281986

Ion	Ratio	Lower	Upper
43	100		
58	49.1	38.8	58.2
100	20.9	18.2	27.4

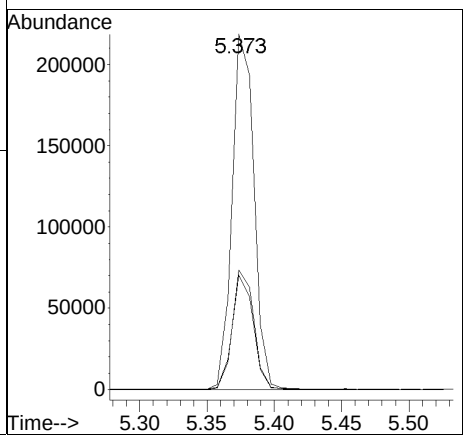


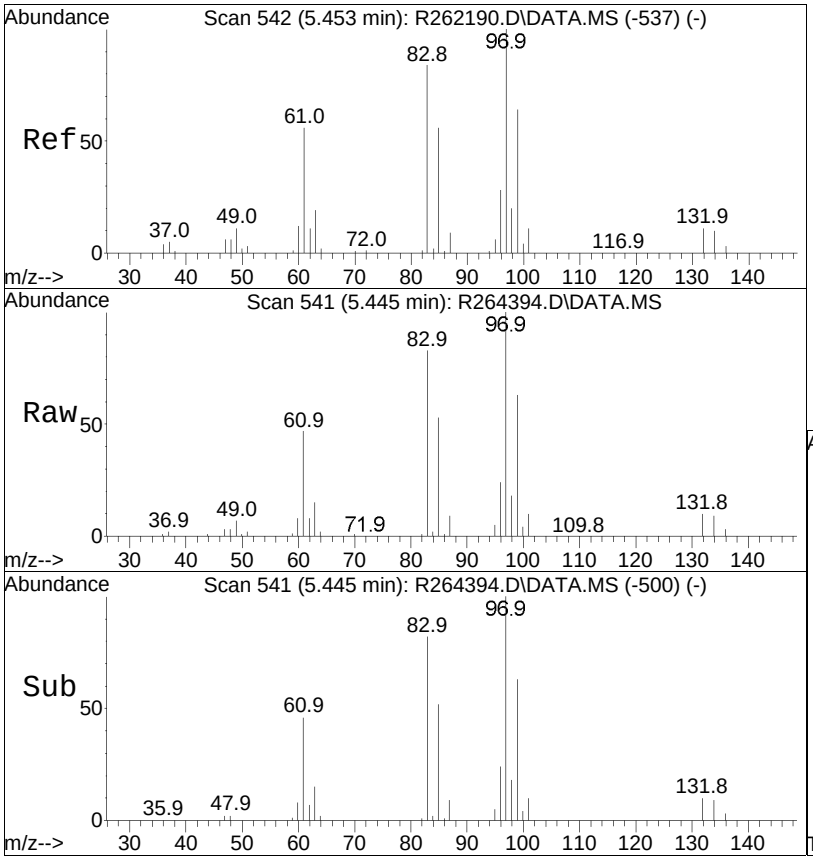


#65
trans-1,3-dichloropropene
Concen: 11.81 ppbV
RT: 5.373 min Scan# 532
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 75 Resp: 248071

Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.9	38.9
39	32.2	25.5	38.3

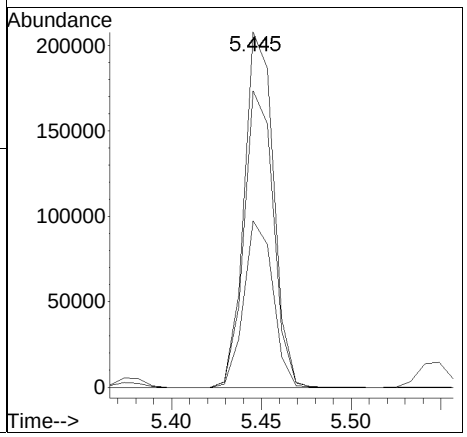


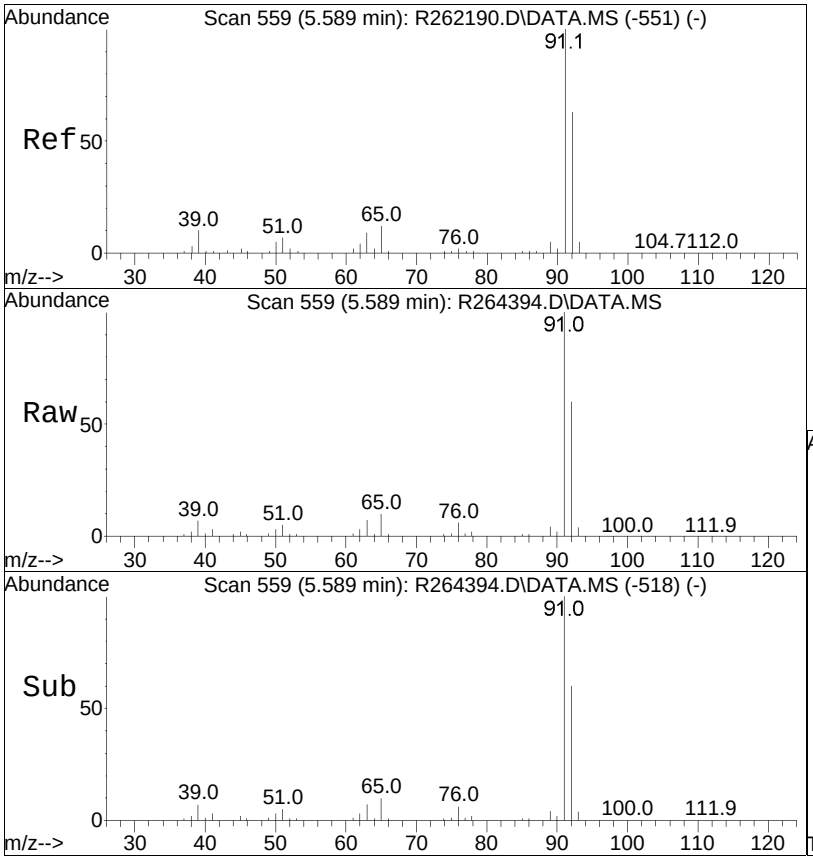


#66
1,1,2-trichloroethane
Concen: 11.06 ppbV
RT: 5.445 min Scan# 541
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 97 Resp: 237690

Ion	Ratio	Lower	Upper
97	100		
83	83.5	65.6	98.4
61	46.9	37.9	56.9

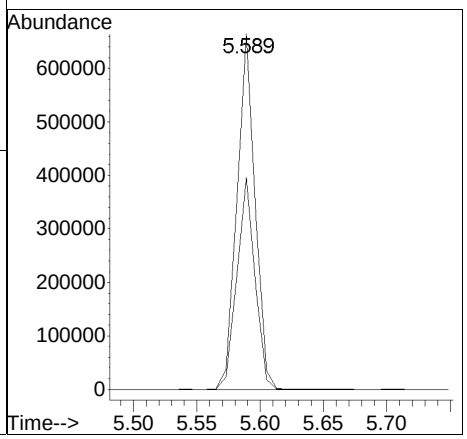


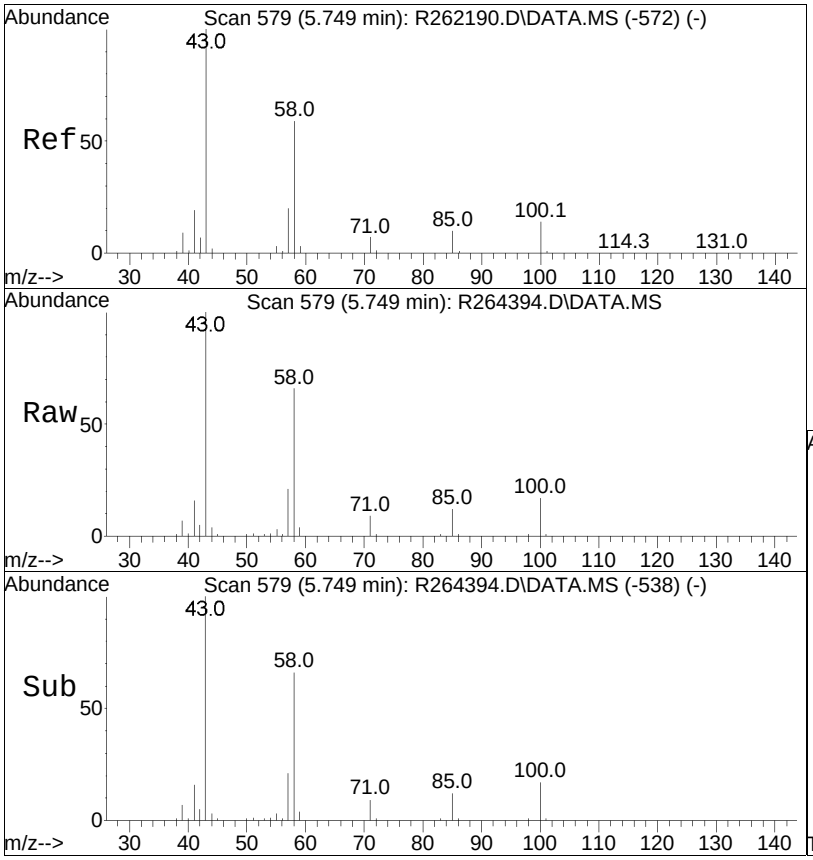


#68
toluene
Concen: 10.19 ppbV
RT: 5.589 min Scan# 559
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 91 Resp: 661352

Ion	Ratio	Lower	Upper
91	100		
92	59.7	47.9	71.9

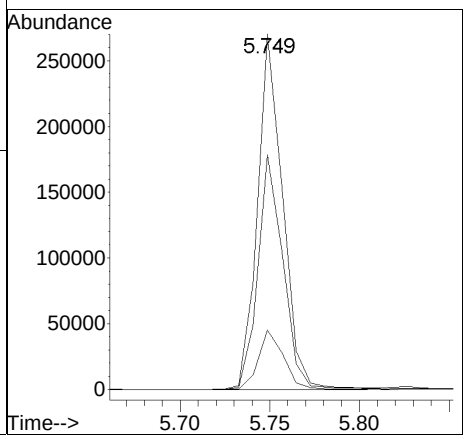


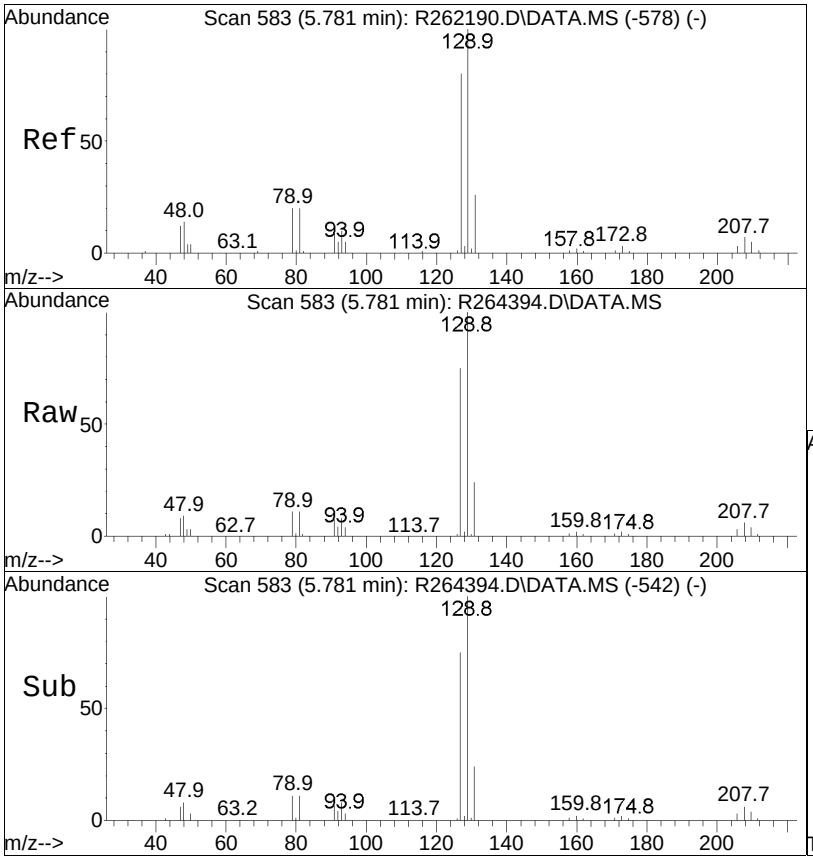


#72
2-hexanone
Concen: 10.35 ppbV
RT: 5.749 min Scan# 579
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 43 Resp: 264010

Ion	Ratio	Lower	Upper
43	100		
58	66.0	53.8	80.6
100	16.7	15.2	22.8

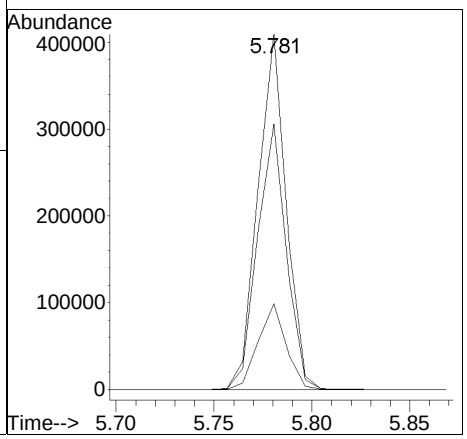


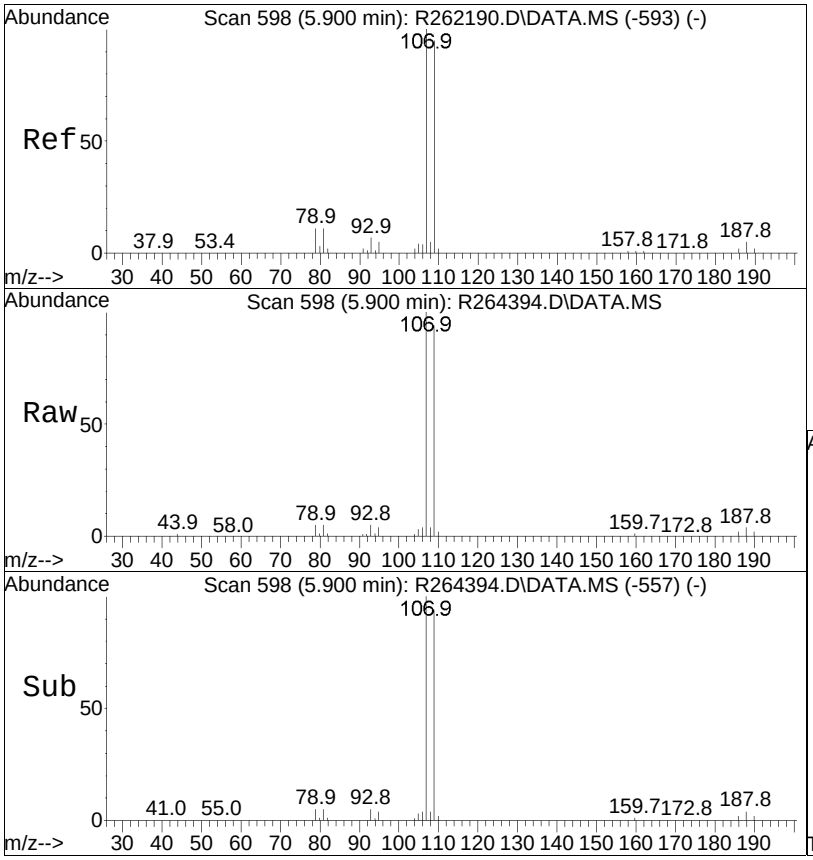


#74
dibromochloromethane
Concen: 11.15 ppbV
RT: 5.781 min Scan# 583
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:129 Resp: 410475

Ion	Ratio	Lower	Upper
129	100		
127	74.7	62.6	94.0
131	24.1	19.4	29.0

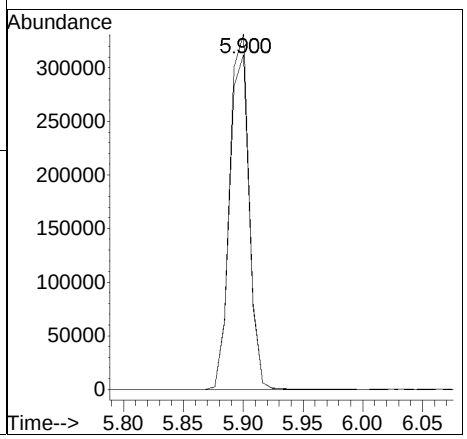


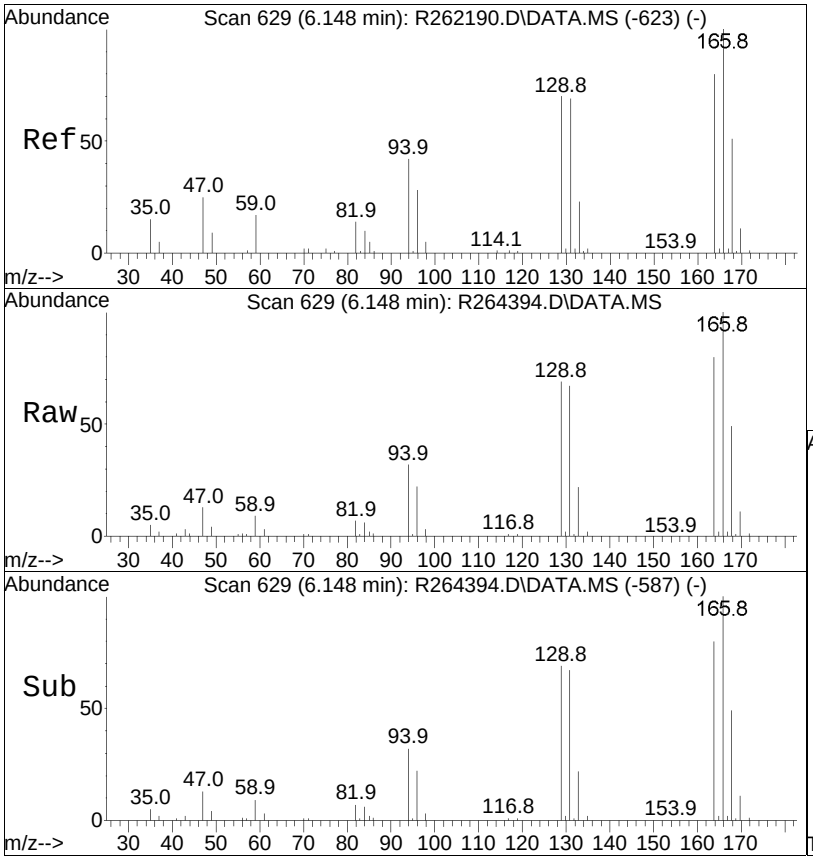


#75
1,2-dibromoethane
Concen: 10.99 ppbV
RT: 5.900 min Scan# 598
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:107 Resp: 377348

Ion	Ratio	Lower	Upper
107	100		
109	94.3	76.9	115.3

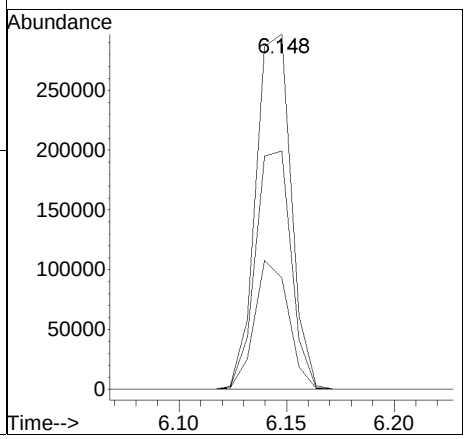


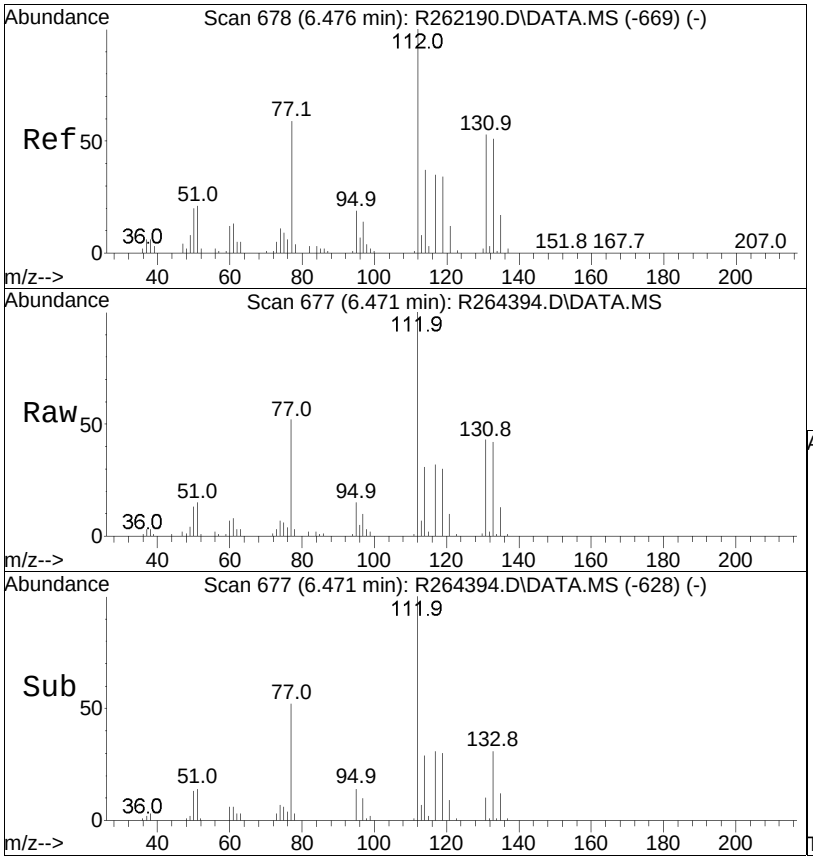


#78
tetrachloroethene
Concen: 9.95 ppbV
RT: 6.148 min Scan# 629
Delta R.T. 0.008 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:166 Resp: 339872

Ion	Ratio	Lower	Upper
166	100		
131	67.1	57.0	85.4
94	31.5	29.0	43.4

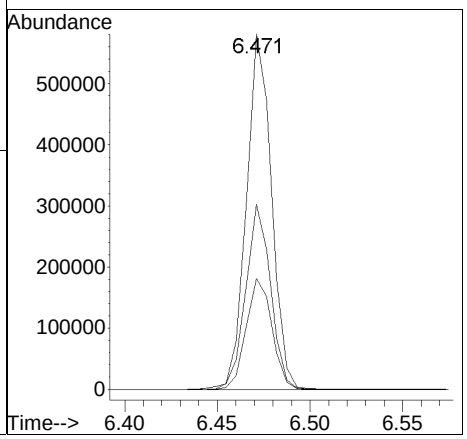


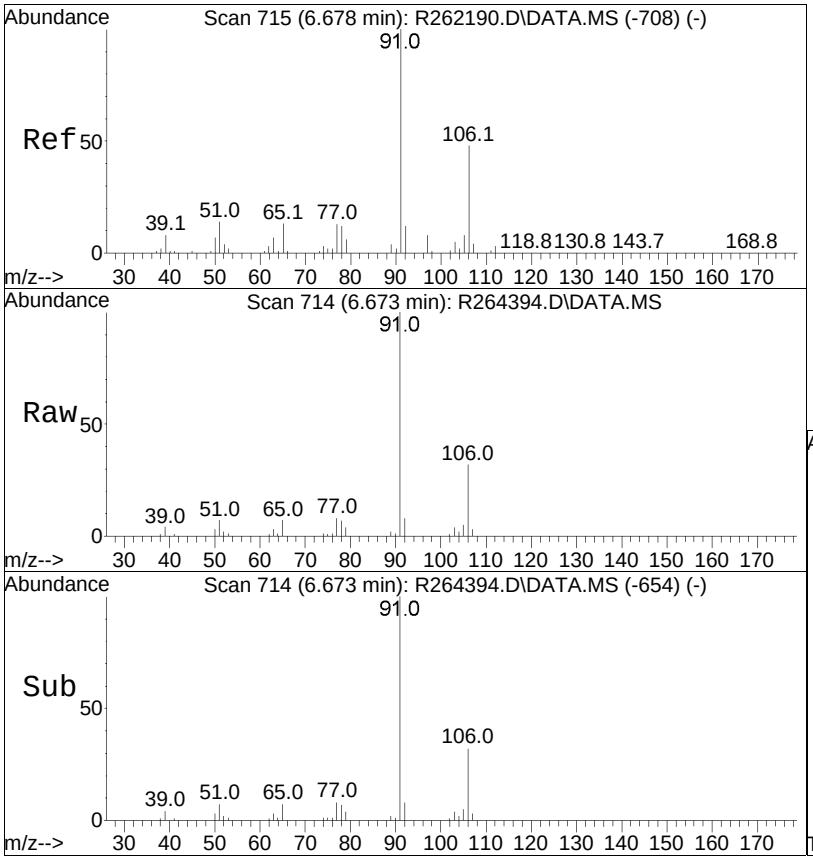


#80
chlorobenzene
Concen: 10.19 ppbV
RT: 6.471 min Scan# 677
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:112 Resp: 546662

Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.7	38.5
77	52.1	41.0	61.6

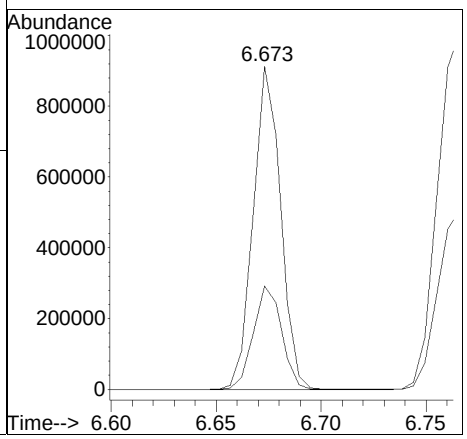


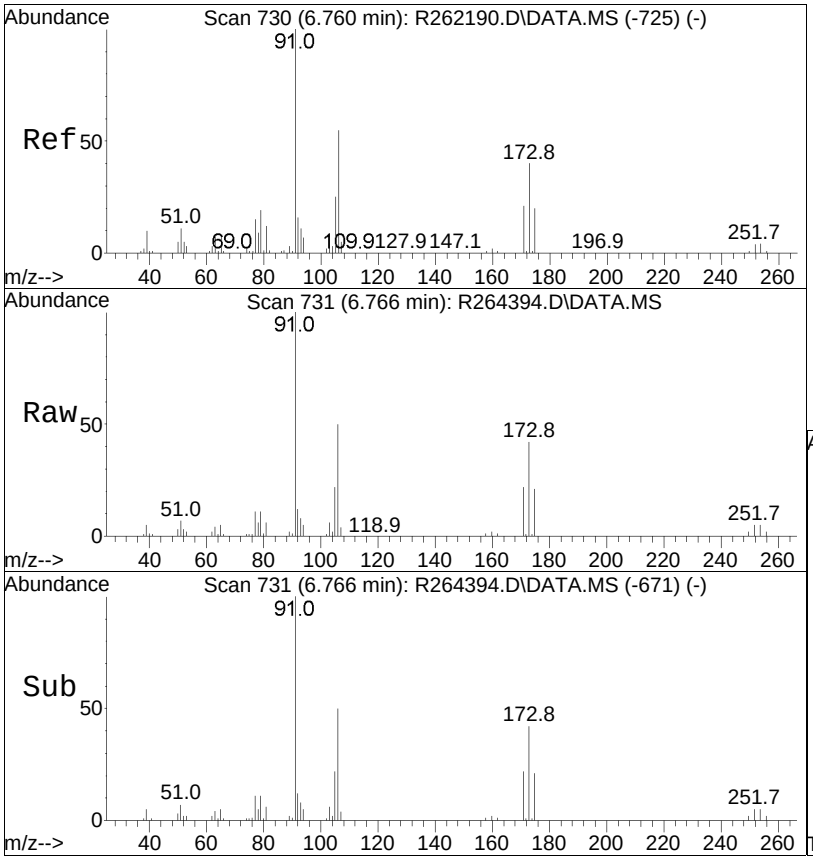


#81
ethylbenzene
Concen: 9.97 ppbV
RT: 6.673 min Scan# 714
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 91 Resp: 828758

Ion	Ratio	Lower	Upper
91	100		
106	32.0	26.6	39.8

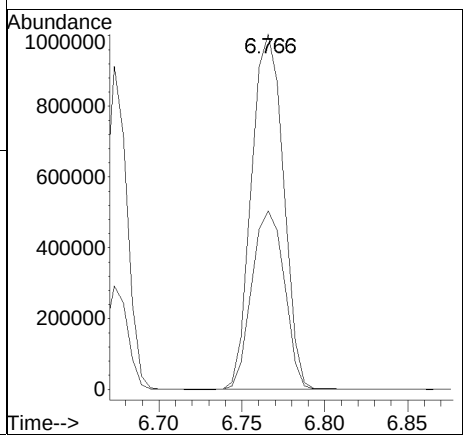


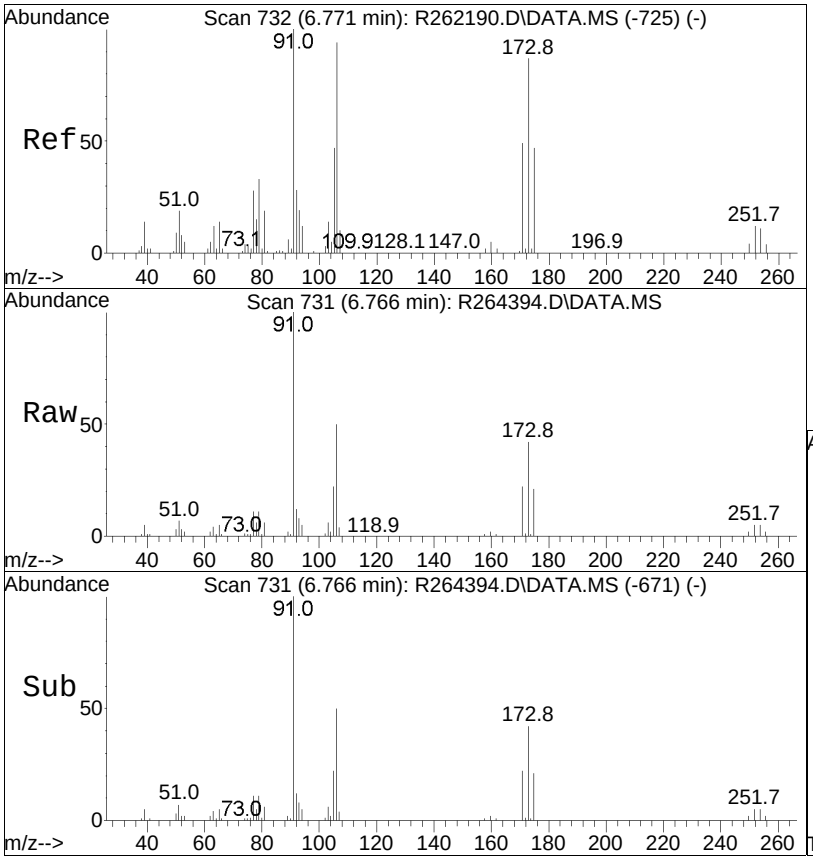


#83
m+p-xylene
Concen: 20.79 ppbV
RT: 6.766 min Scan# 731
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 91 Resp: 1350247

Ion	Ratio	Lower	Upper
91	100		
106	50.3	40.6	60.8

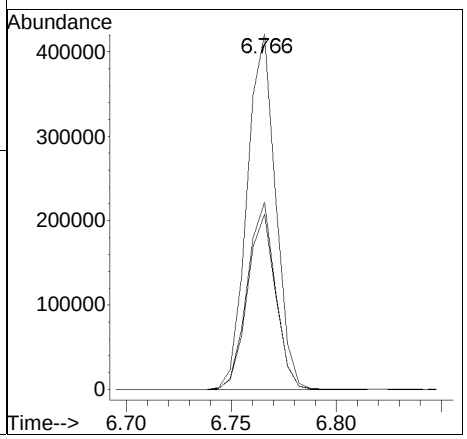


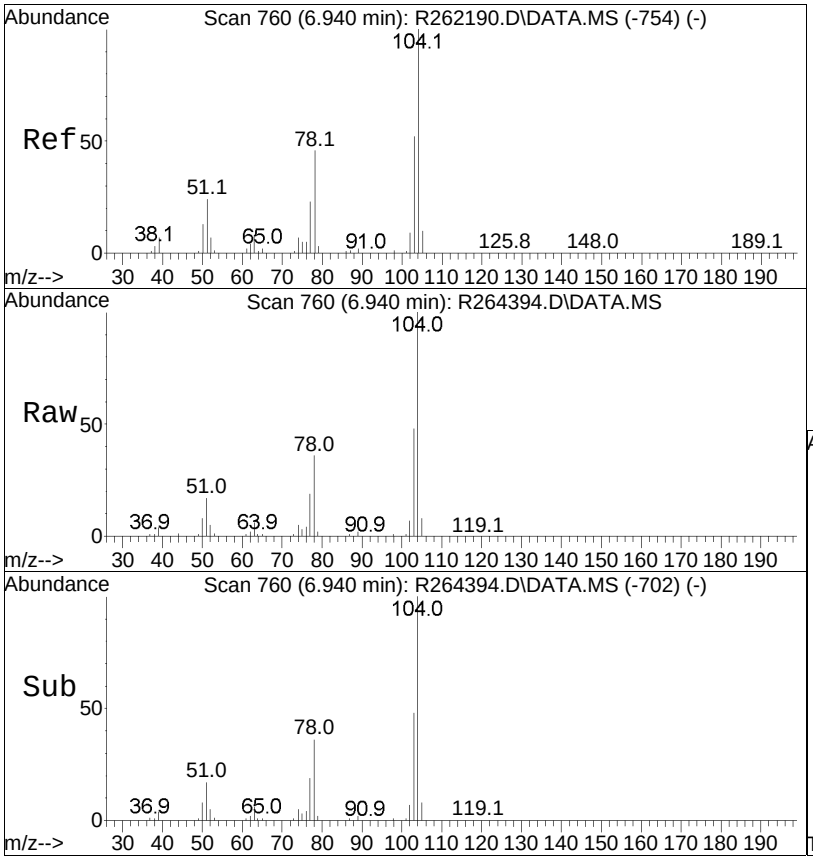


#84
bromoform
Concen: 11.01 ppbV
RT: 6.766 min Scan# 731
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:173 Resp: 398513

Ion	Ratio	Lower	Upper
173	100		
175	49.4	38.6	58.0
171	52.7	41.4	62.0

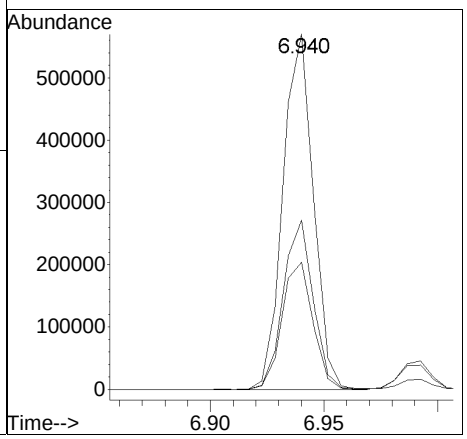


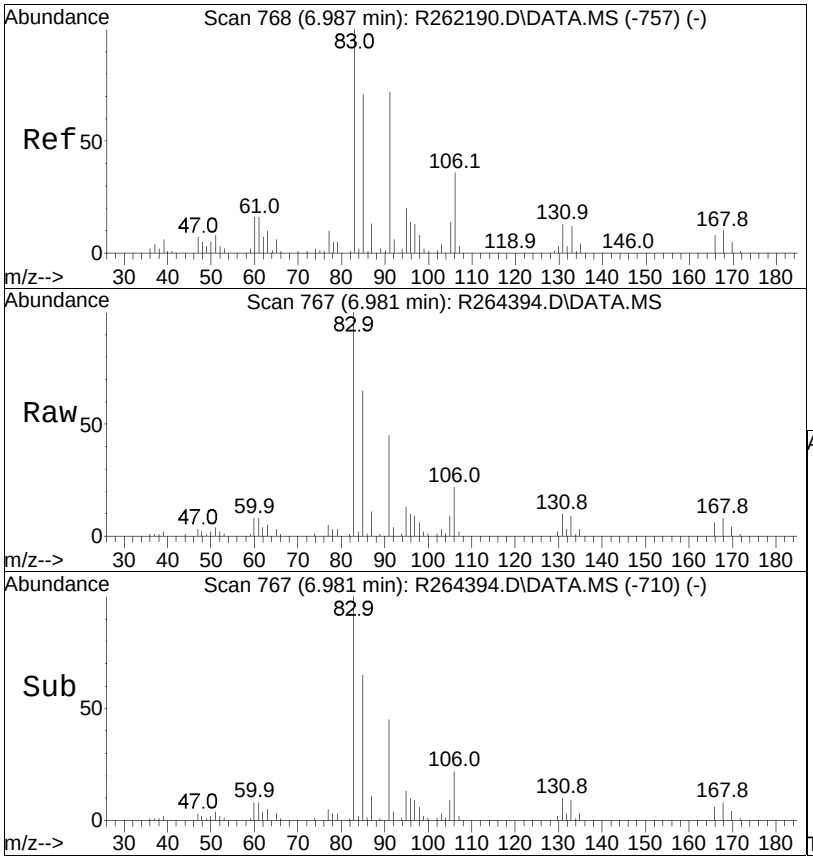


#85
styrene
Concen: 10.23 ppbV
RT: 6.940 min Scan# 760
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:104 Resp: 530871

Ion	Ratio	Lower	Upper
104	100		
103	47.6	37.4	56.0
78	35.8	29.0	43.6

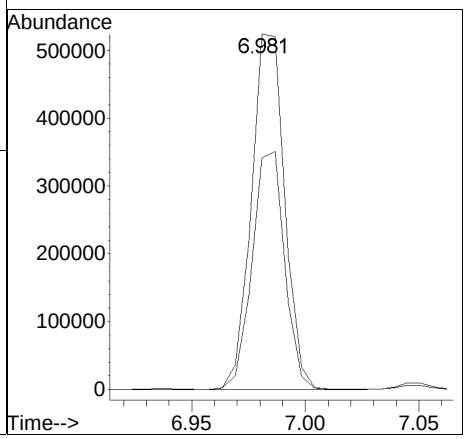


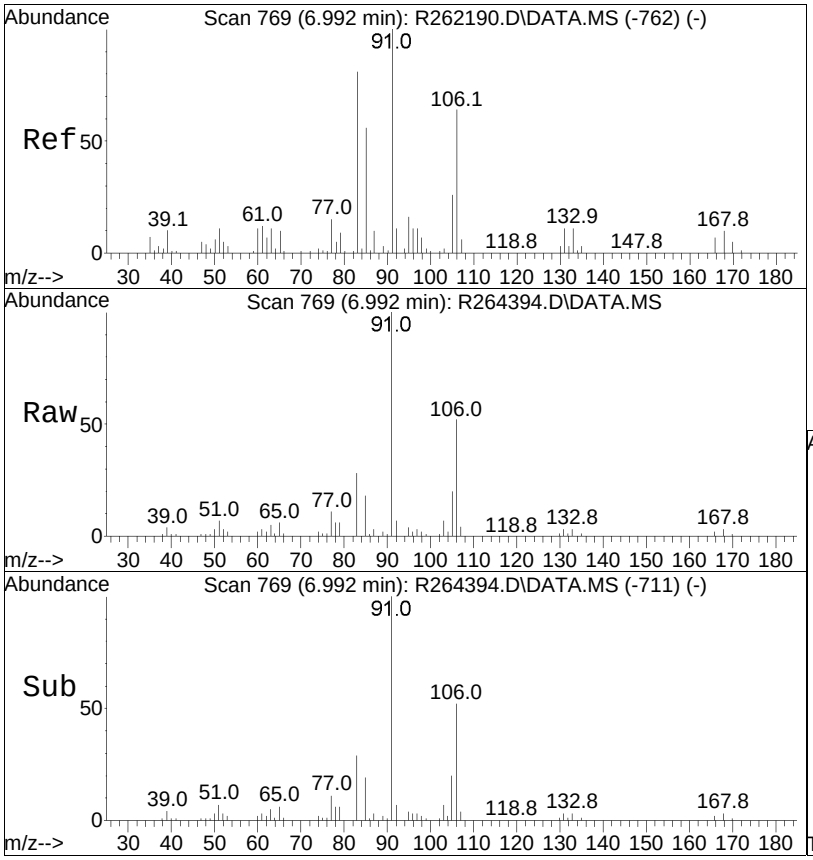


#86
1,1,2,2-tetrachloroethane
Concen: 11.46 ppbV
RT: 6.981 min Scan# 767
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 83 Resp: 535173

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.4	77.2

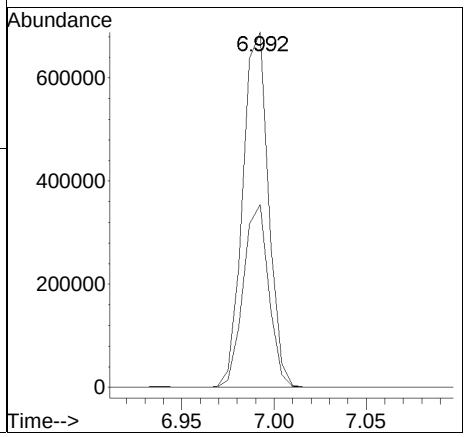


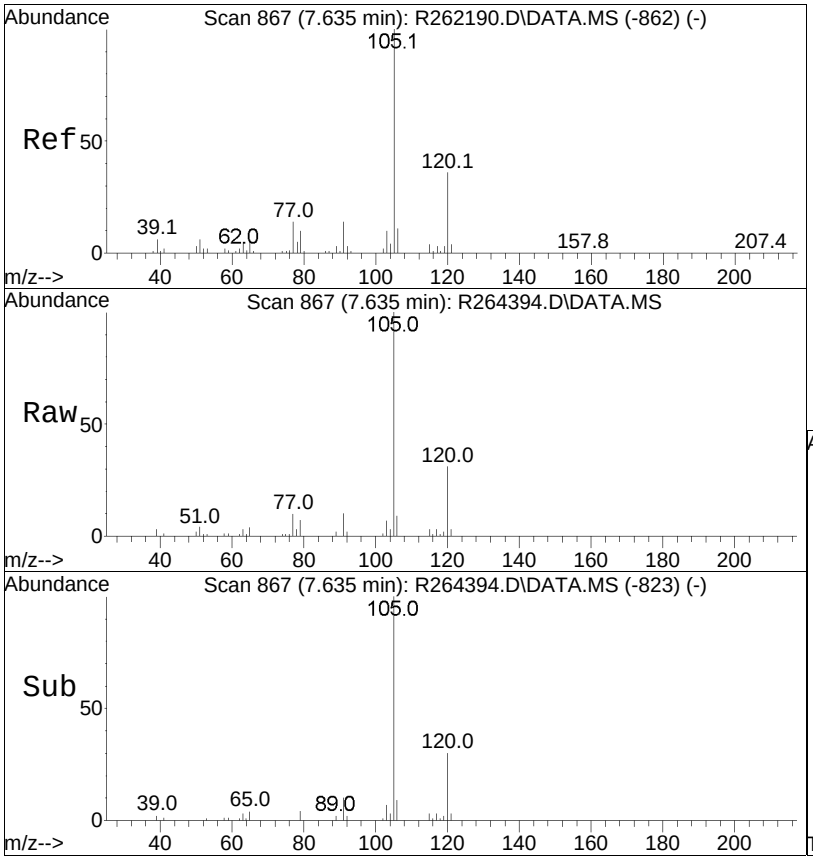


#87
o-xylene
Concen: 10.49 ppbV
RT: 6.992 min Scan# 769
Delta R.T. 0.006 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 91 Resp: 670716

Ion	Ratio	Lower	Upper
91	100		
106	51.5	40.8	61.2

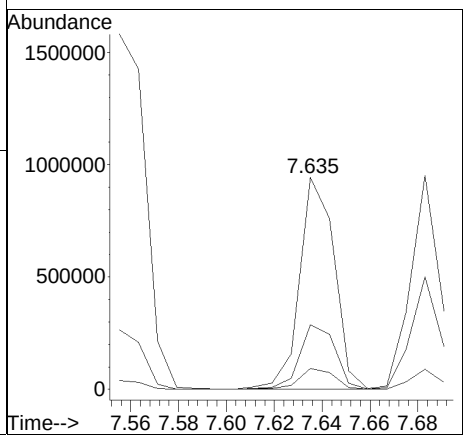


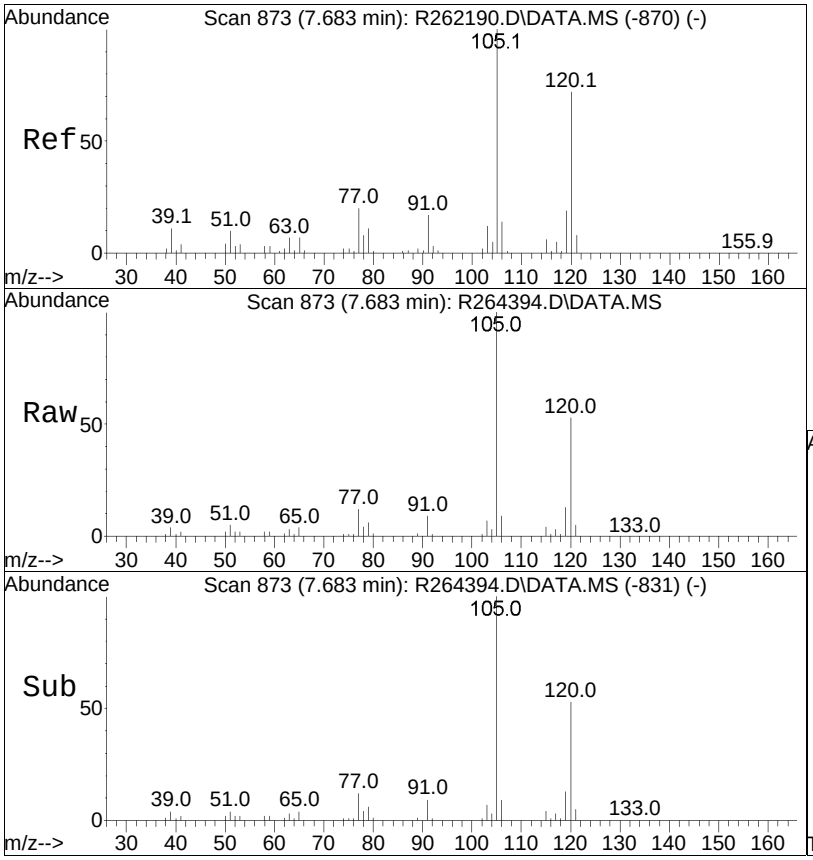


#96
4-ethyl toluene
Concen: 10.62 ppbV
RT: 7.635 min Scan# 867
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:105 Resp: 952412

Ion	Ratio	Lower	Upper
105	100		
120	30.5	25.0	37.6
91	9.9	7.8	11.6

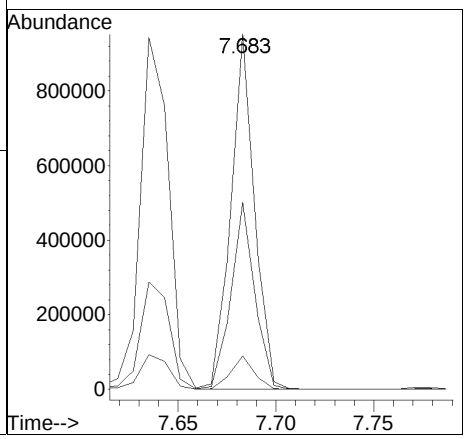


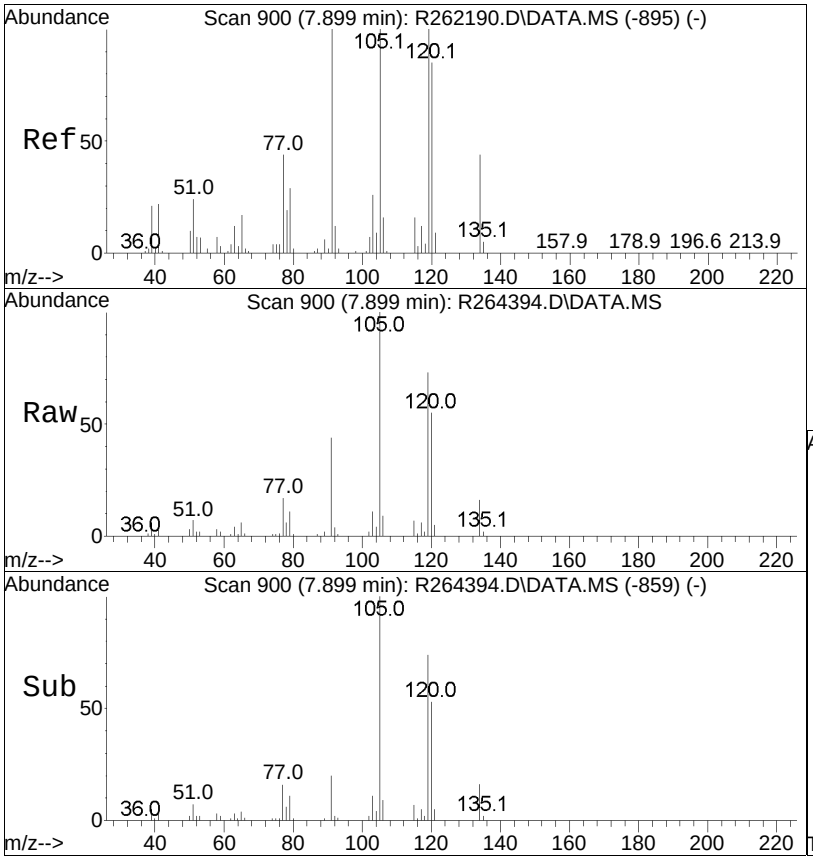


#97
1,3,5-trimethylbenzene
Concen: 10.47 ppbV
RT: 7.683 min Scan# 873
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:105 Resp: 804295

Ion	Ratio	Lower	Upper
105	100		
120	52.6	42.0	63.0
91	9.4	7.1	10.7

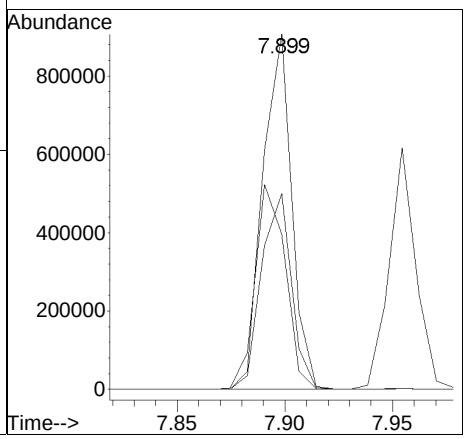


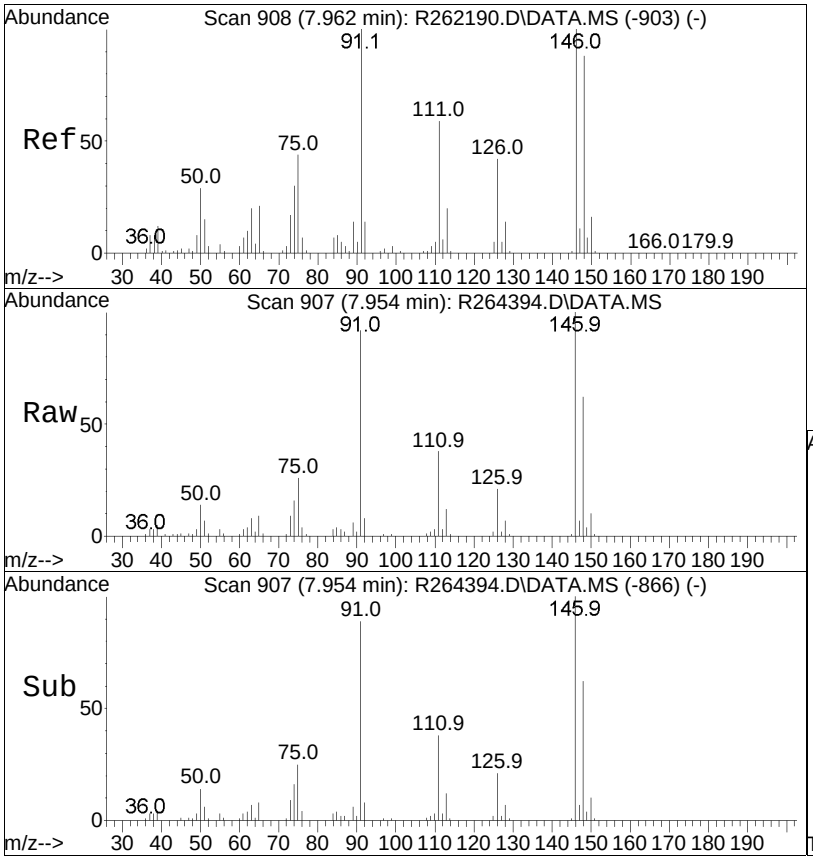


#99
1,2,4-trimethylbenzene
Concen: 10.84 ppbV
RT: 7.899 min Scan# 900
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:105 Resp: 848602

Ion	Ratio	Lower	Upper
105	100		
120	55.1	44.5	66.7
91	43.6	35.1	52.7

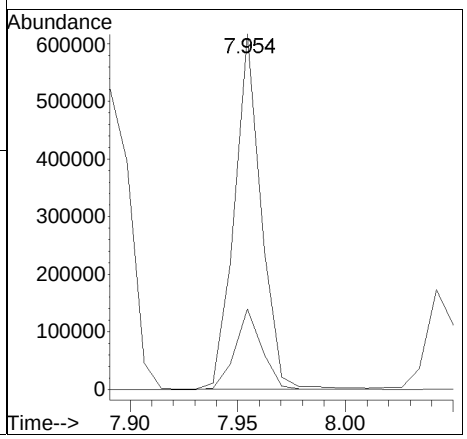


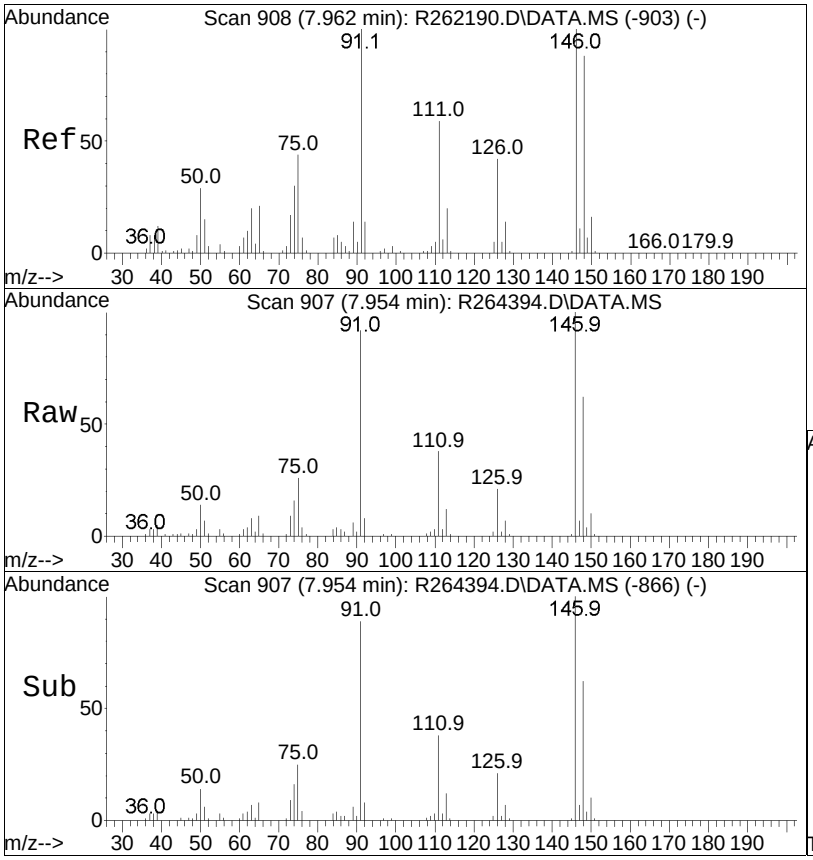


#101
Benzyl Chloride
Concen: 8.62 ppbV
RT: 7.954 min Scan# 907
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion: 91 Resp: 537007

Ion	Ratio	Lower	Upper
91	100		
126	22.6	19.1	28.7

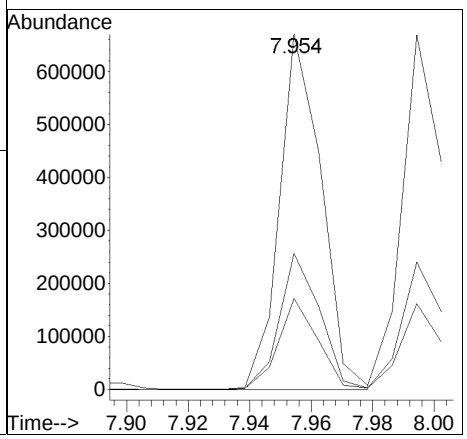


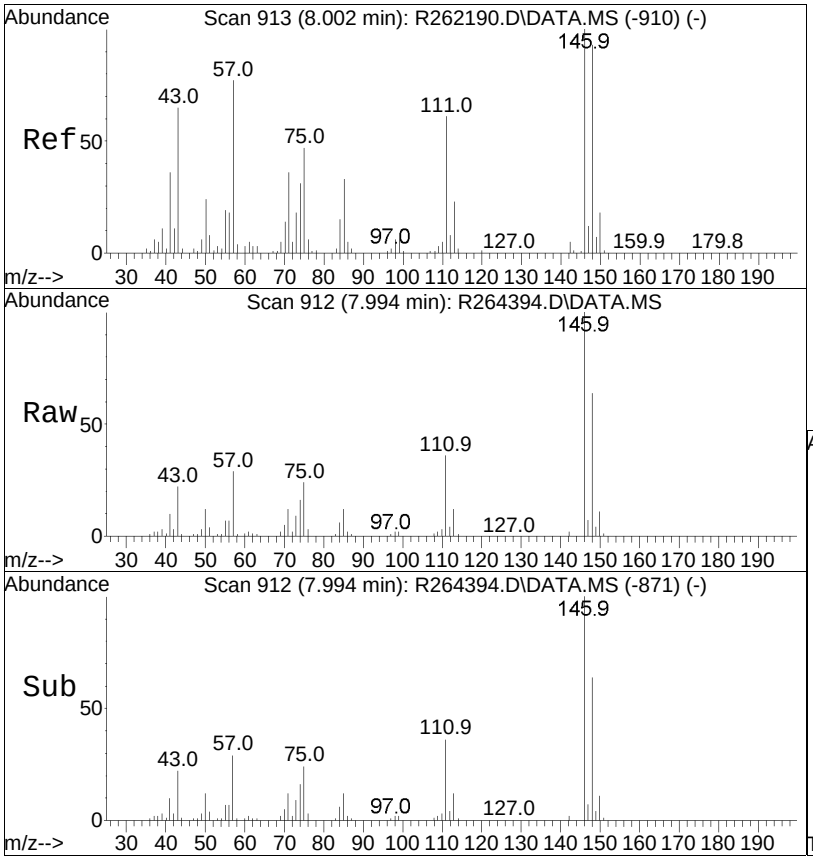


#102
1,3-dichlorobenzene
Concen: 10.99 ppbV
RT: 7.954 min Scan# 907
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:146 Resp: 631096

Ion	Ratio	Lower	Upper
146	100		
111	38.3	30.8	46.2
75	25.6	19.9	29.9

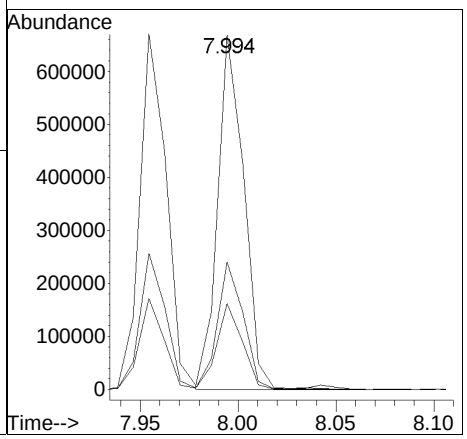


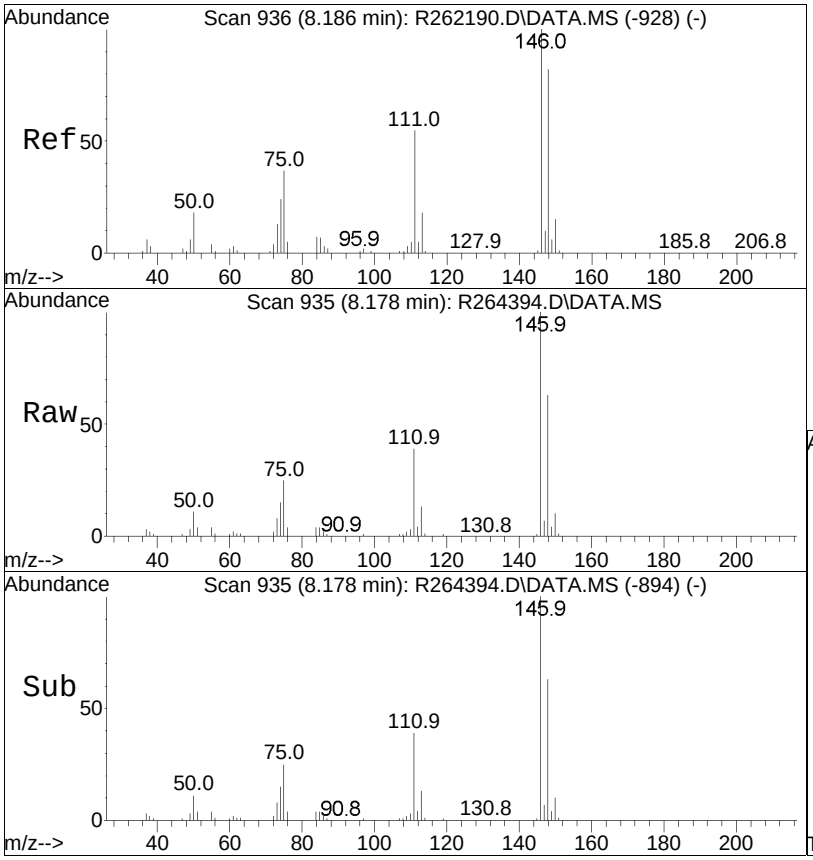


#103
1,4-dichlorobenzene
Concen: 10.77 ppbV
RT: 7.994 min Scan# 912
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:146 Resp: 624528

Ion	Ratio	Lower	Upper
146	100		
111	35.9	28.9	43.3
75	24.2	19.3	28.9

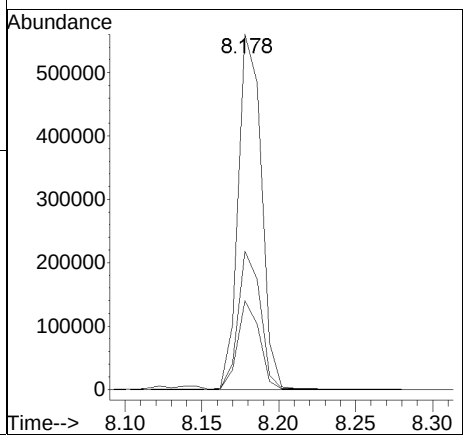


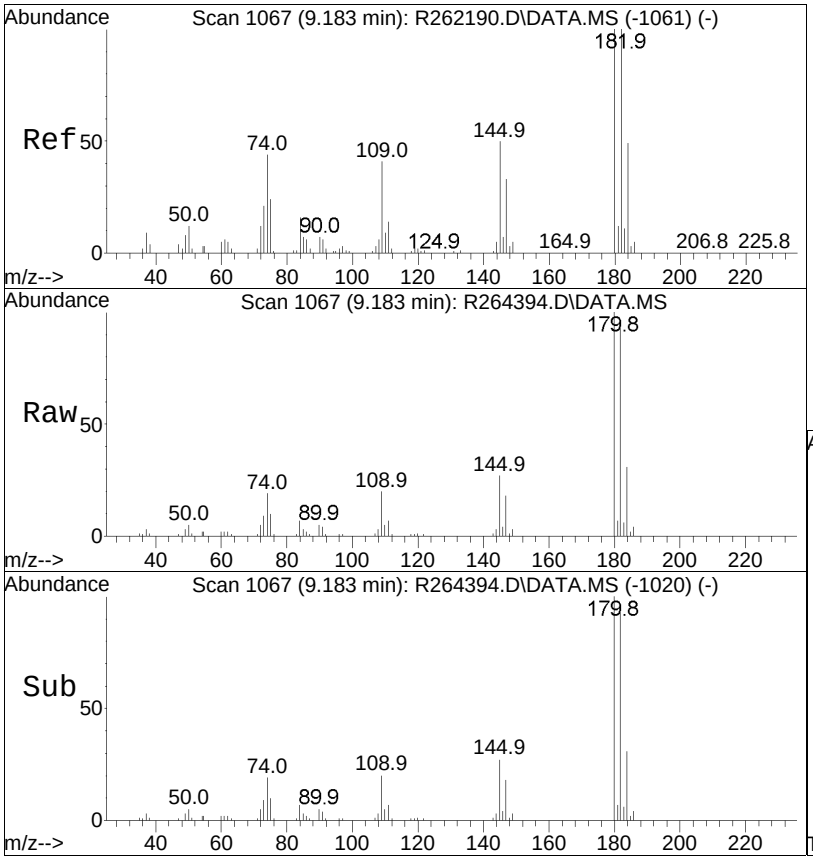


#107
1,2-dichlorobenzene
Concen: 10.48 ppbV
RT: 8.178 min Scan# 935
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:146 Resp: 590541

Ion	Ratio	Lower	Upper
146	100		
111	38.9	32.4	48.6
75	25.0	19.6	29.4

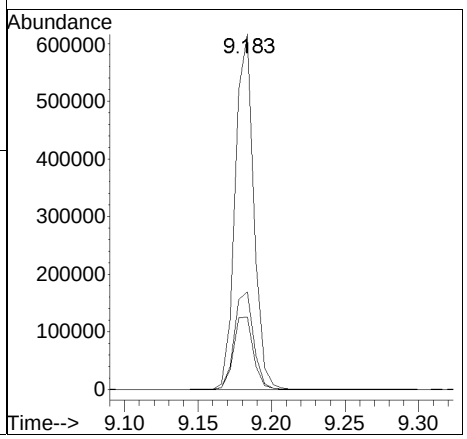


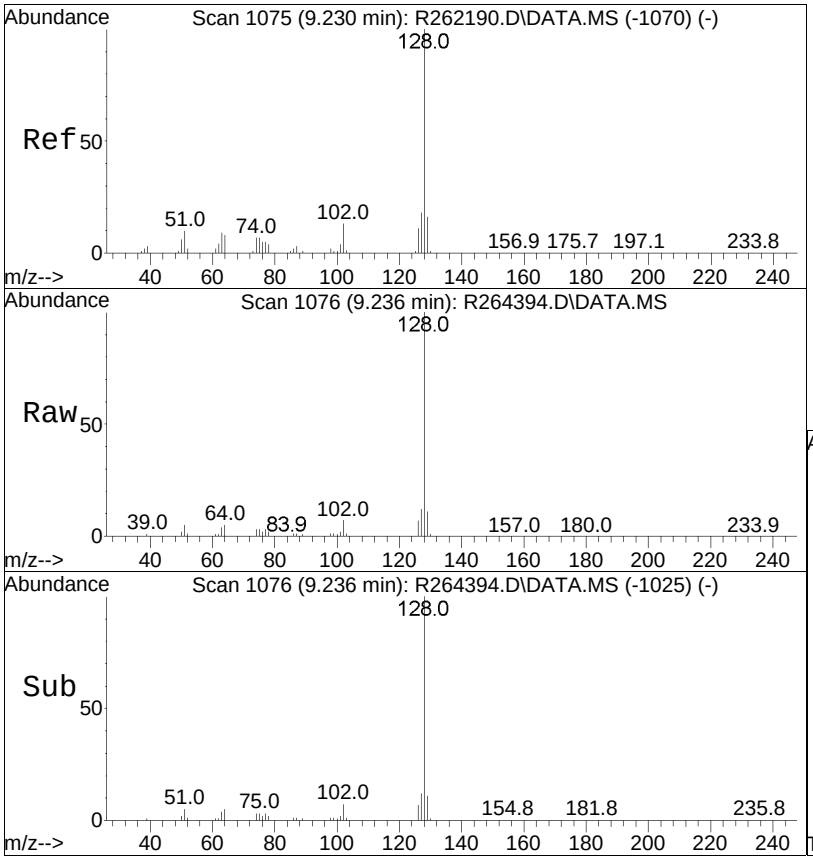


#115
1,2,4-trichlorobenzene
Concen: 9.91 ppbV
RT: 9.183 min Scan# 1067
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:180 Resp: 541085

Ion	Ratio	Lower	Upper
180	100		
145	27.4	21.9	32.9
109	20.3	15.4	23.2

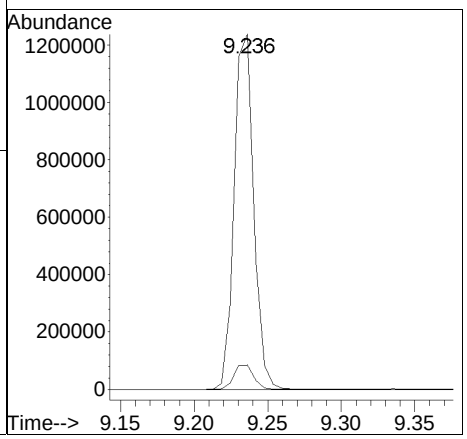


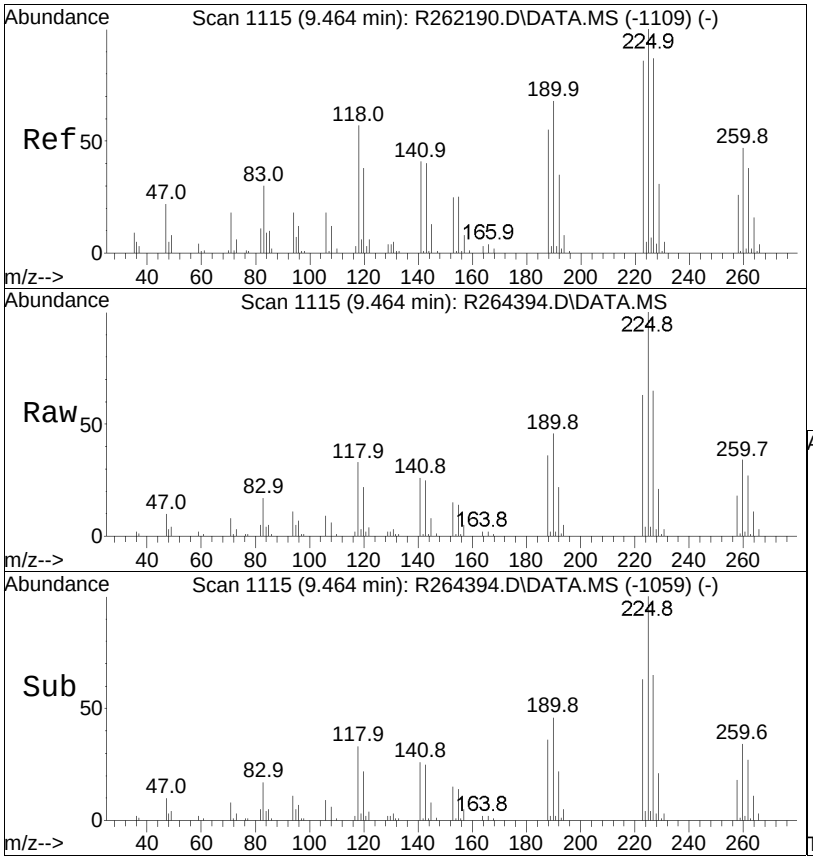


#116
naphthalene
Concen: 9.41 ppbV
RT: 9.236 min Scan# 1076
Delta R.T. 0.006 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:128 Resp: 1148372

Ion	Ratio	Lower	Upper
128	100		
102	6.9	6.2	9.4

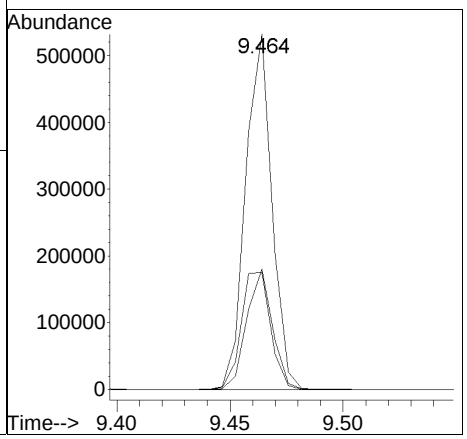




#119
hexachlorobutadiene
Concen: 9.51 ppbV
RT: 9.464 min Scan# 1115
Delta R.T. -0.000 min
Lab File: R264394.D
Acq: 17 Jun 2025 11:58 am

Tgt Ion:225 Resp: 430415

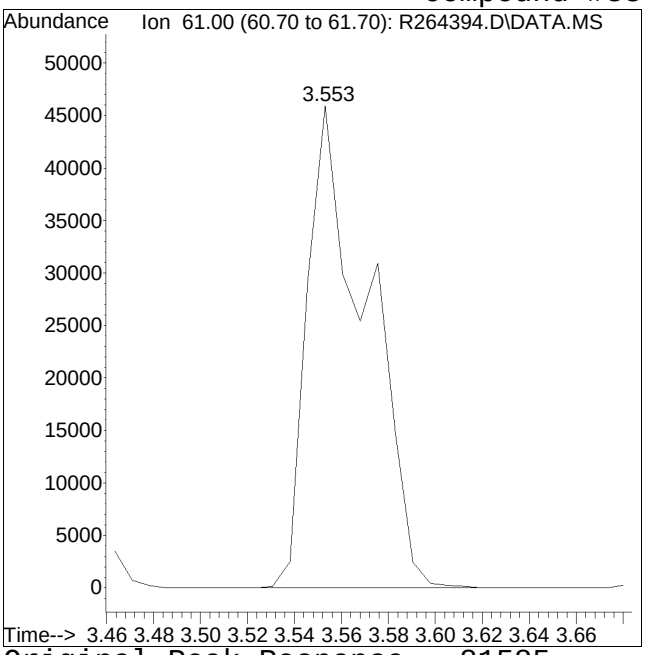
Ion	Ratio	Lower	Upper
225	100		
260	33.9	27.7	41.5
118	32.9	23.0	34.4



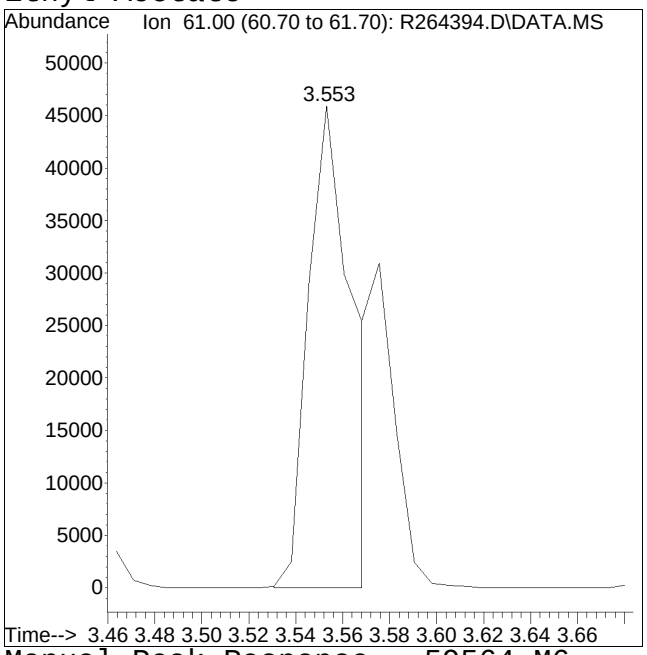
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R264394.D Operator : AIRLAB26:RAY
Date Inj'd : 6/17/2025 11:58 am Instrument : Airlab26
Sample : WG2080108-3,3,250,250 Quant Date : 6/17/2025 2:02 pm

Compound #38: Ethyl Acetate



Original Peak Response = 81585



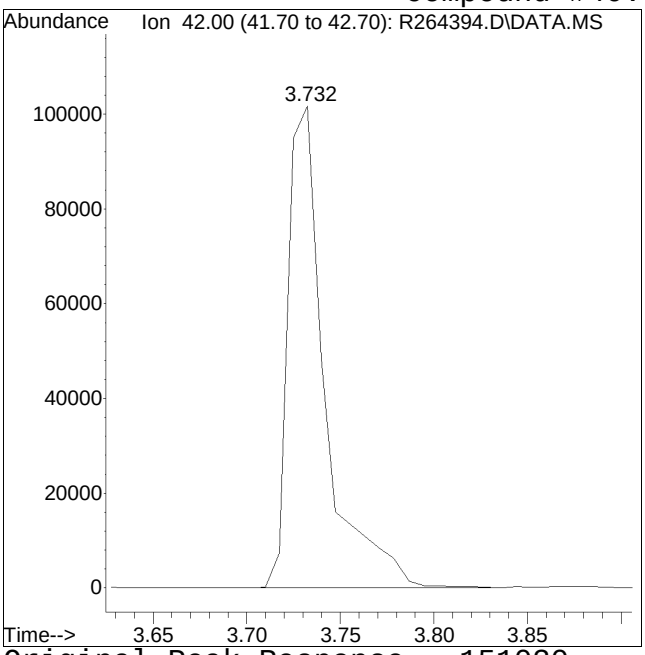
Manual Peak Response = 59564 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

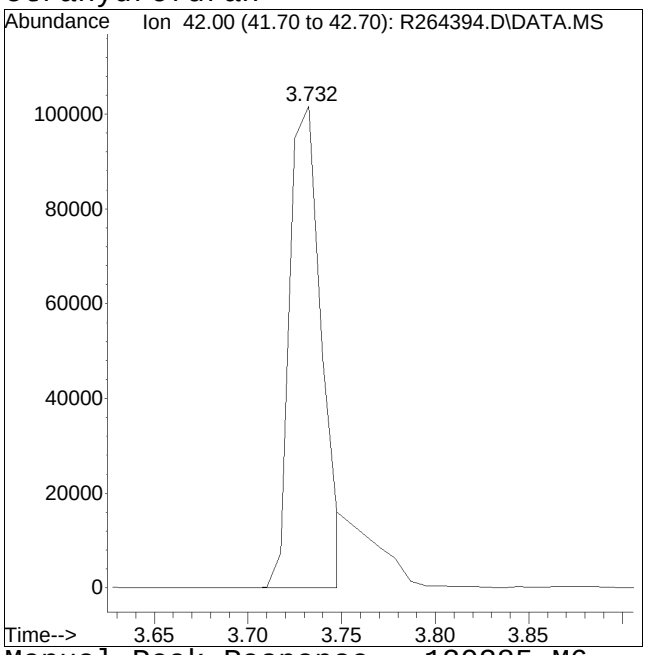
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R264394.D Operator : AIRLAB26:RAY
Date Inj'd : 6/17/2025 11:58 am Instrument : Airlab26
Sample : WG2080108-3,3,250,250 Quant Date : 6/17/2025 2:02 pm

Compound #40: Tetrahydrofuran



Original Peak Response = 151030



Manual Peak Response = 120385 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264408.D
Acq On : 18 Jun 2025 01:12 am
Operator : AIRLAB26:RAY
Sample : WG2080108-5,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 18 07:03:49 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	198050	10.000	ppbV	0.00
Standard Area = 186317			Recovery = 106.30%			
43) 1,4-difluorobenzene	4.365	114	766901	10.000	ppbV	0.00
Standard Area = 725709			Recovery = 105.68%			
67) chlorobenzene-D5	6.449	54	100408	10.000	ppbV	0.00
Standard Area = 89519			Recovery = 112.16%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	0.000		0	N.D.	d	
6) chloromethane	0.000		0	N.D.	d	
7) Freon-114	0.000		0	N.D.	d	
9) vinyl chloride	0.000		0	N.D.	d	
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	2.277		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.359	31	331181	49.822	ppbV	97
17) vinyl bromide	0.000		0	N.D.		
19) acetone	2.500	43	2132767	130.696	ppbV	99
21) trichlorofluoromethane	2.556	101	10896	0.278	ppbV	97
22) isopropyl alcohol	2.568	45	177315	9.105	ppbV	99
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	2.736	59	491722	16.884	ppbV	99
28) methylene chloride	2.755	49	1067	0.079	ppbV	89
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	2.846	76	261991	6.299	ppbV	97
31) Freon 113	2.846	101	2322	0.069	ppbV #	93
32) trans-1,2-dichloroethene	3.058	61	957	0.049	ppbV #	73
33) 1,1-dichloroethane	3.155		0	N.D.		
34) MTBE	3.142		0	N.D.		
36) 2-butanone	3.279	43	288364	10.733	ppbV	100
37) cis-1,2-dichloroethene	0.000		0	N.D.	d	
38) Ethyl Acetate	0.000		0	N.D.	d	
39) chloroform	3.568	83	1491	0.041	ppbV #	56
40) Tetrahydrofuran	3.732	42	129215	9.903	ppbV	95
42) 1,2-dichloroethane	0.000		0	N.D.	d	
44) hexane	3.546	57	16409	0.726	ppbV #	27
48) 1,1,1-trichloroethane	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264408.D
Acq On : 18 Jun 2025 01:12 am
Operator : AIRLAB26:RAY
Sample : WG2080108-5,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 18 07:03:49 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\06\0617T\R264394.D
Sub List : TO15-NY+Naphthalene - .

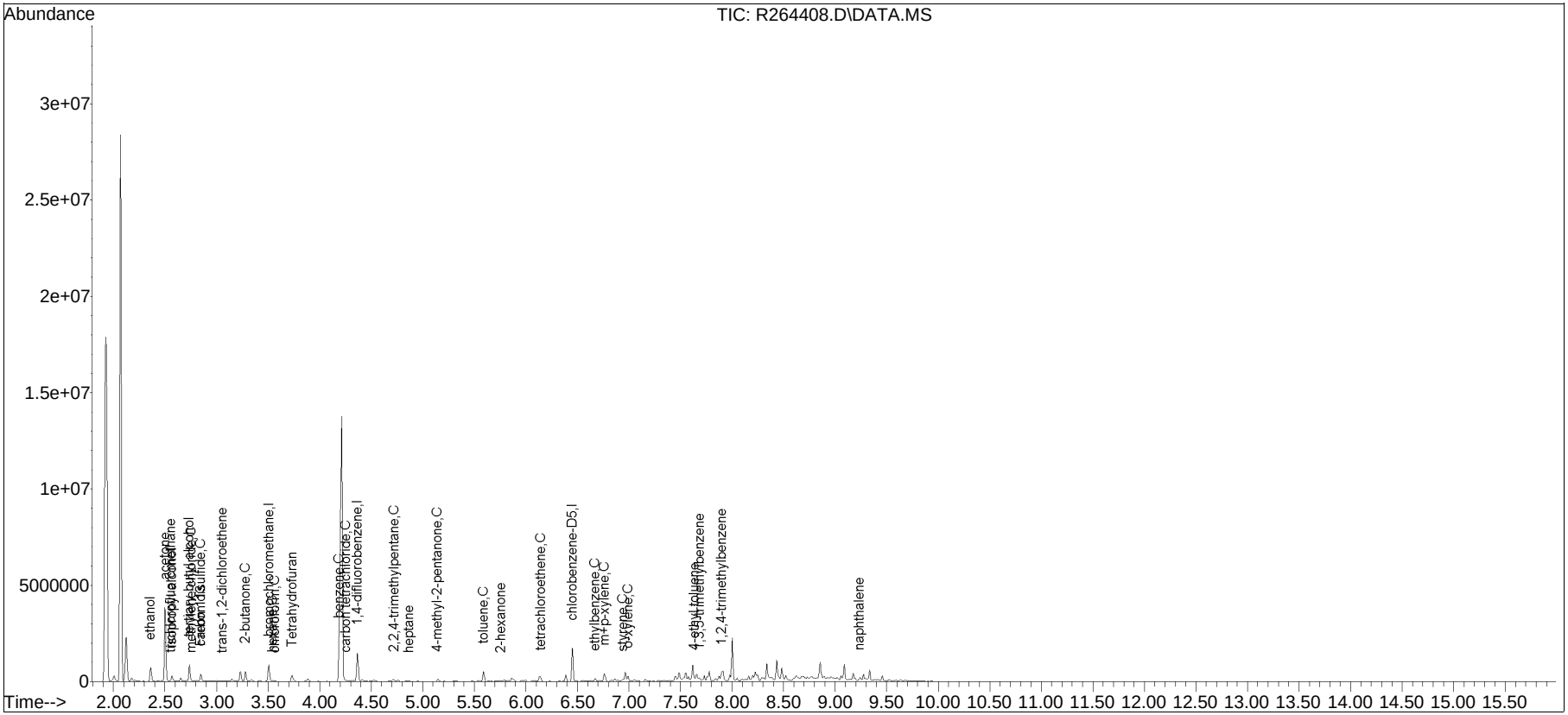
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) benzene	4.186	78	30133	0.574	ppbV #	88
52) carbon tetrachloride	4.252	117	2178	0.062	ppbV	89
53) cyclohexane	0.000		0	N.D.	d	
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	4.676		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	4.686		0	N.D.		
60) 2,2,4-trimethylpentane	4.723	57	40642	0.591	ppbV #	80
62) heptane	4.865	43	8361M6	0.381	ppbV	
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	5.142	43	33849	1.235	ppbV	95
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	5.533		0	N.D.		
68) toluene	5.589	91	226568	3.114	ppbV	99
72) 2-hexanone	5.756	43	12042	0.421	ppbV #	84
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	6.148	166	32864	0.858	ppbV	97
80) chlorobenzene	0.000		0	N.D.	d	
81) ethylbenzene	6.673	91	58828	0.631	ppbV	99
83) m+p-xylene	6.760	91	176441	2.422	ppbV	99
84) bromoform	0.000		0	N.D.		
85) styrene	6.940	104	27909	0.479	ppbV	99
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
87) o-xylene	6.992	91	75439	1.052	ppbV	97
96) 4-ethyl toluene	7.635	105	20433M6	0.203	ppbV	
97) 1,3,5-trimethylbenzene	7.683	105	31778	0.369	ppbV #	99
99) 1,2,4-trimethylbenzene	7.898	105	90556	1.032	ppbV #	73
101) Benzyl Chloride	0.000		0	N.D.	d	
102) 1,3-dichlorobenzene	7.962		0	N.D.		
103) 1,4-dichlorobenzene	7.994		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	9.178		0	N.D.		
116) naphthalene	9.236	128	12831	0.094	ppbV	96
119) hexachlorobutadiene	0.000		0	N.D.		

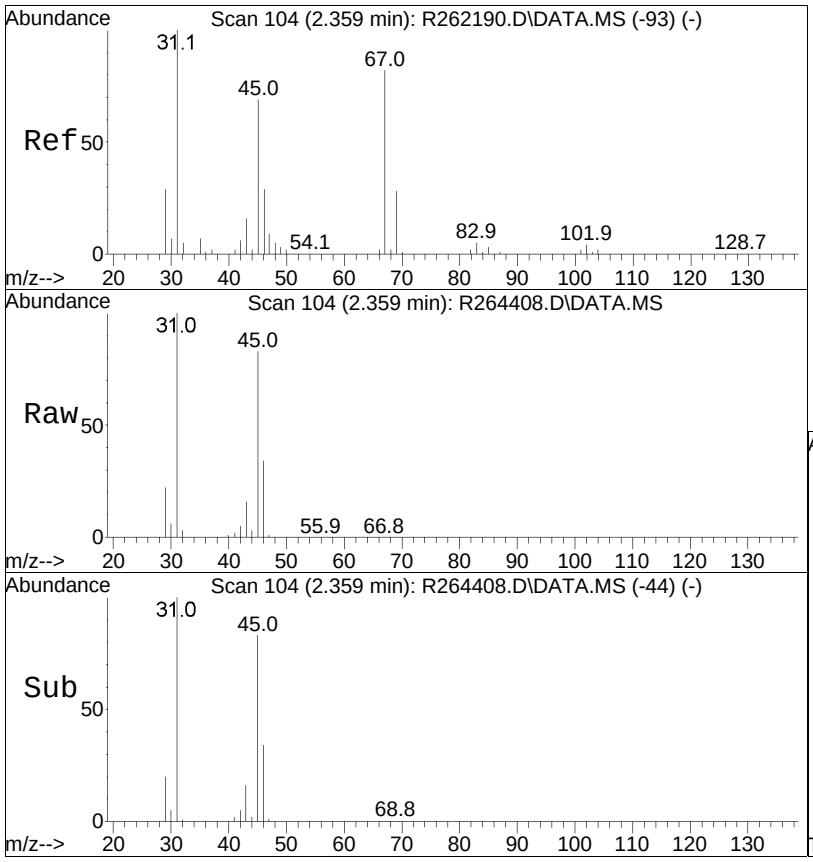
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY+Naphthalene - .\2025\06\0617T\R264394.D

Data Path : X:\Airlab\Data\Airlab26\2025\06\0617T\
Data File : R264408.D
Acq On : 18 Jun 2025 01:12 am
Operator : AIRLAB26:RAY
Sample : WG2080108-5,3,250,250
Misc : WG2080108,ICAL22173
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 18 07:03:49 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\06\0617T\TFS26_250402.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Apr 03 13:02:11 2025
Response via : Initial Calibration

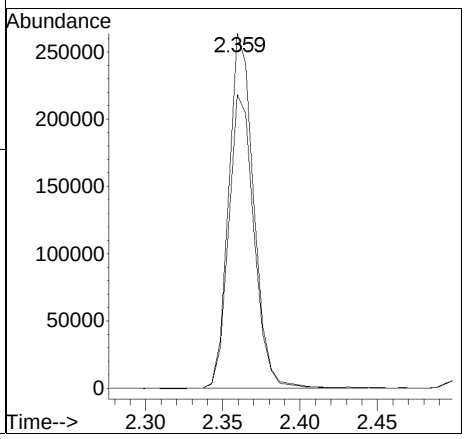


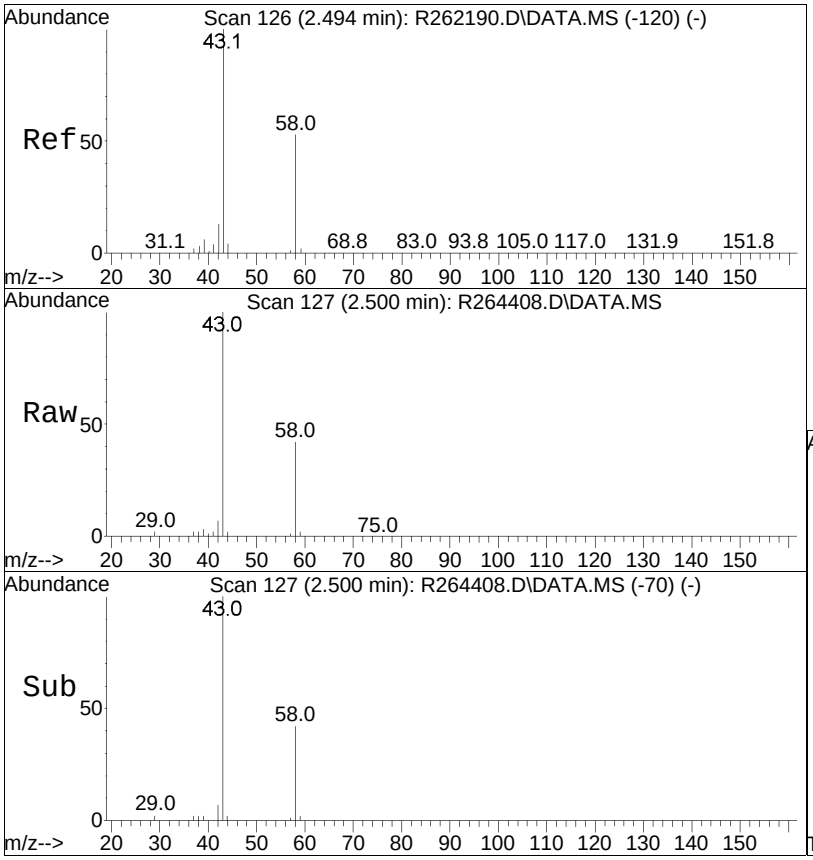


#15
ethanol
Concen: 49.82 ppbV
RT: 2.359 min Scan# 104
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 31 Resp: 331181

Ion	Ratio	Lower	Upper
31	100		
45	82.7	64.3	96.5

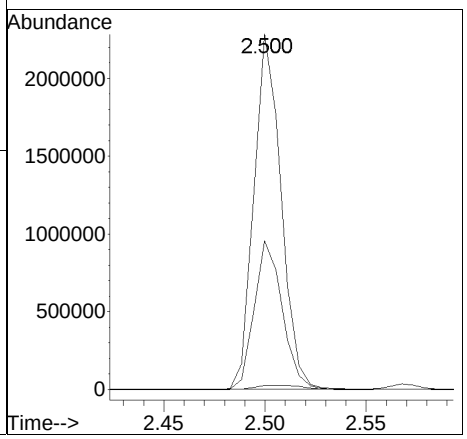


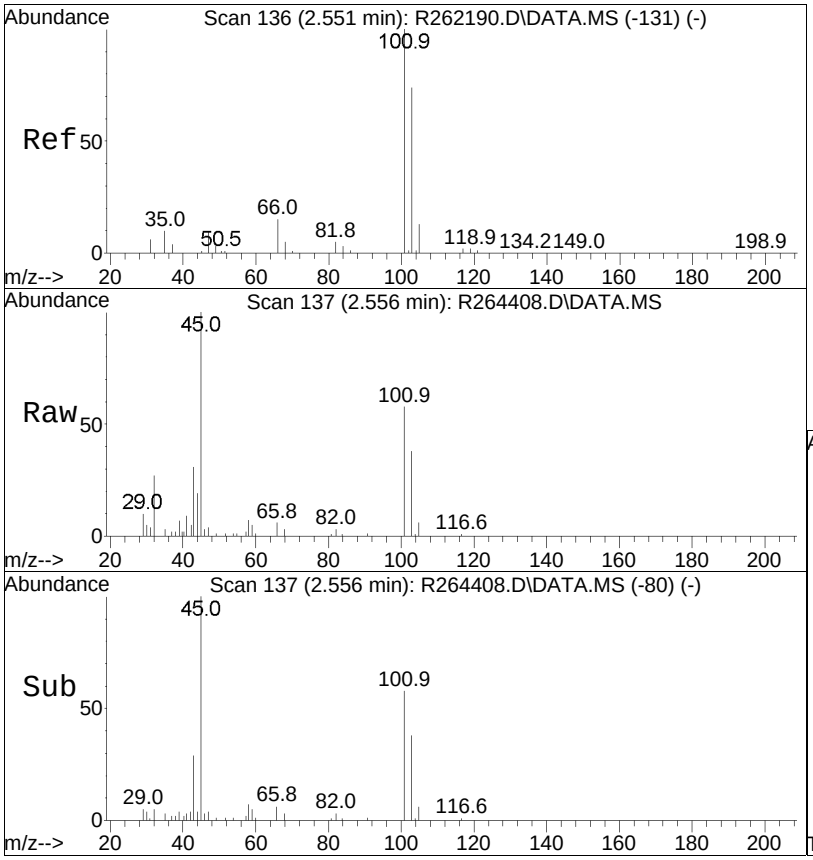


#19
acetone
Concen: 130.70 ppbV
RT: 2.500 min Scan# 127
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 43 Resp: 2132767

Ion	Ratio	Lower	Upper
43	100		
58	41.8	32.9	49.3
57	1.1	1.0	1.4

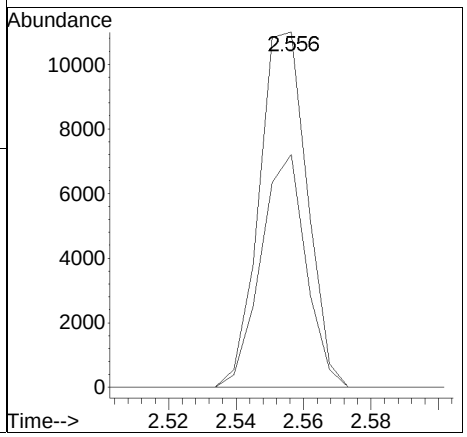


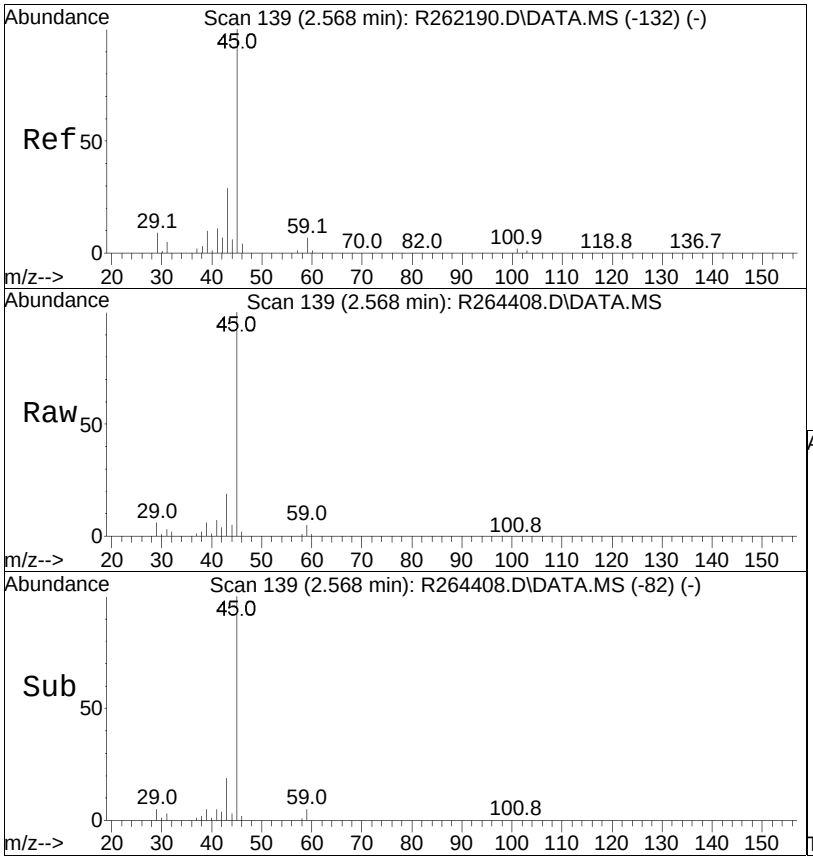


#21
trichlorofluoromethane
Concen: 0.28 ppbV
RT: 2.556 min Scan# 137
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion:101 Resp: 10896

Ion	Ratio	Lower	Upper
101	100		
103	65.6	50.9	76.3

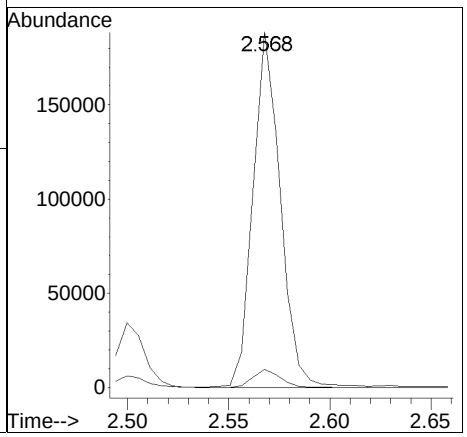


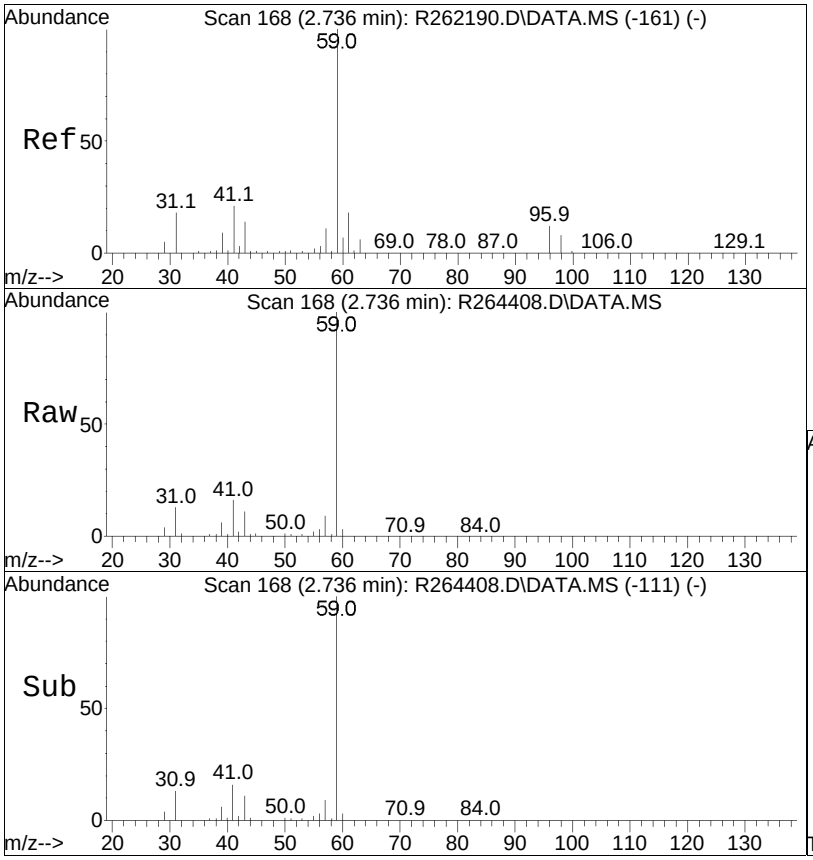


#22
isopropyl alcohol
Concen: 9.10 ppbV
RT: 2.568 min Scan# 139
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 45 Resp: 177315

Ion	Ratio	Lower	Upper
45	100		
59	5.1	4.4	6.6

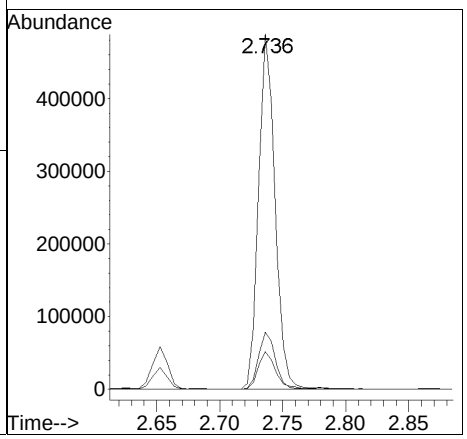


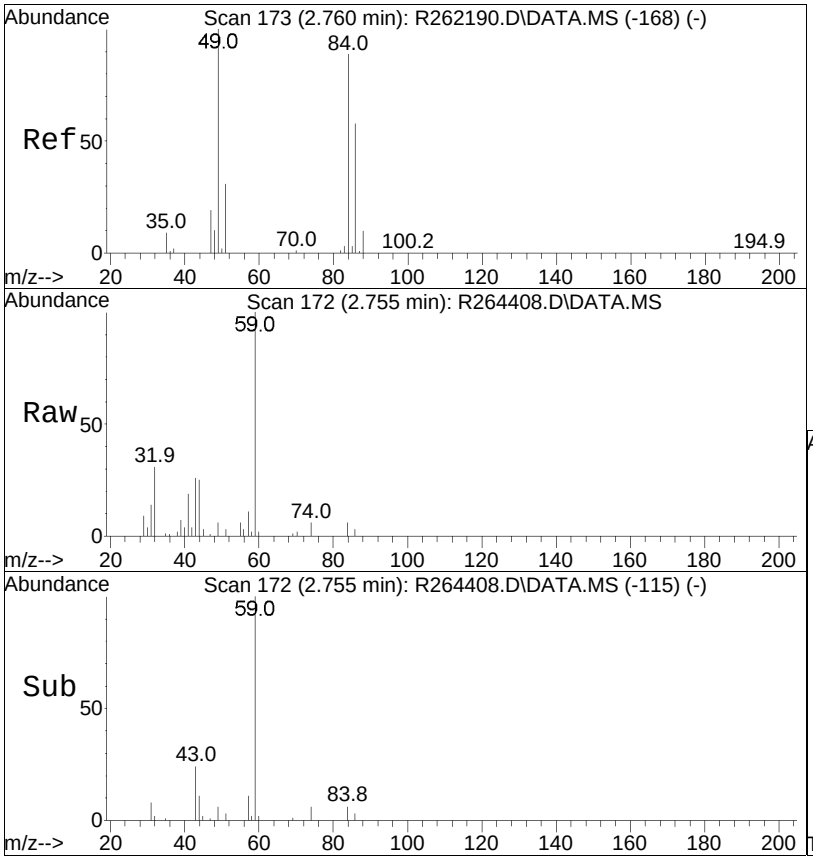


#27
tertiary butyl alcohol
Concen: 16.88 ppbV
RT: 2.736 min Scan# 168
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 59 Resp: 491722

Ion	Ratio	Lower	Upper
59	100		
41	16.1	12.3	18.5
43	10.6	8.6	12.8

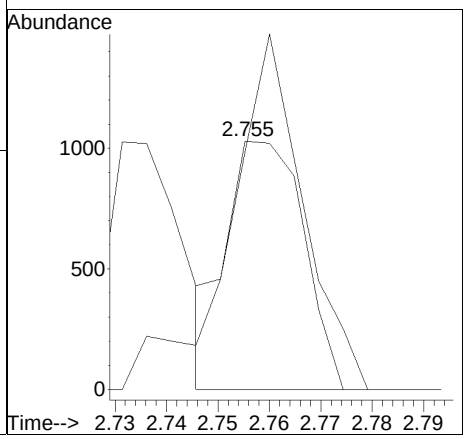


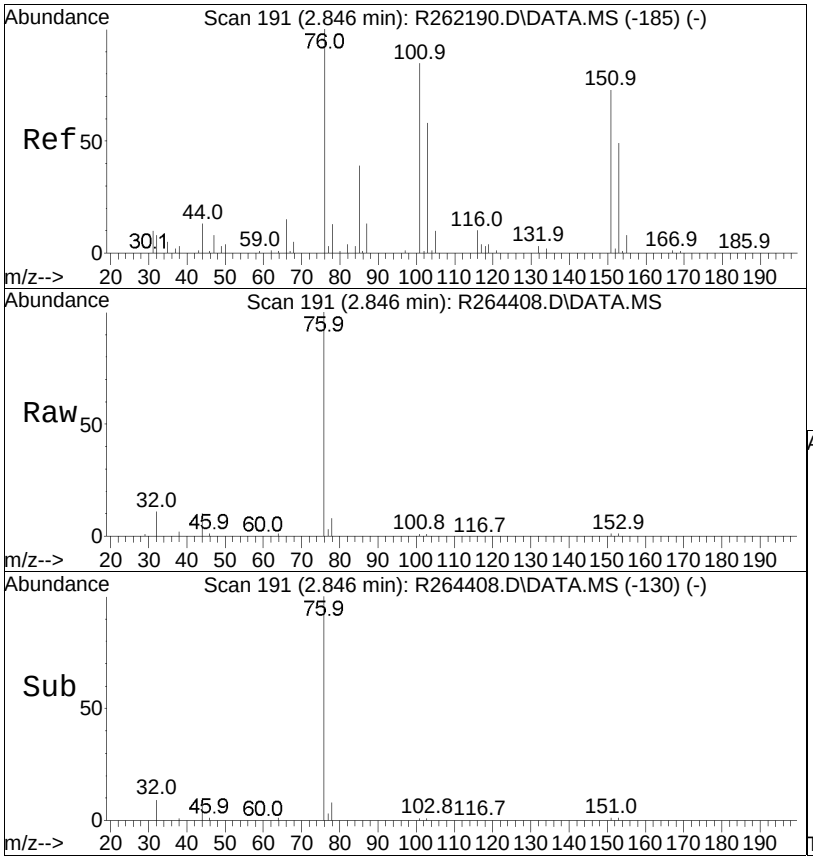


#28
methylene chloride
Concen: 0.08 ppbV
RT: 2.755 min Scan# 172
Delta R.T. -0.005 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 49 Resp: 1067

Ion	Ratio	Lower	Upper
49	100		
84	95.5	85.3	127.9

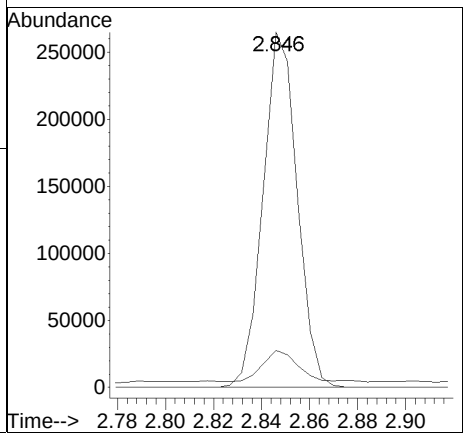


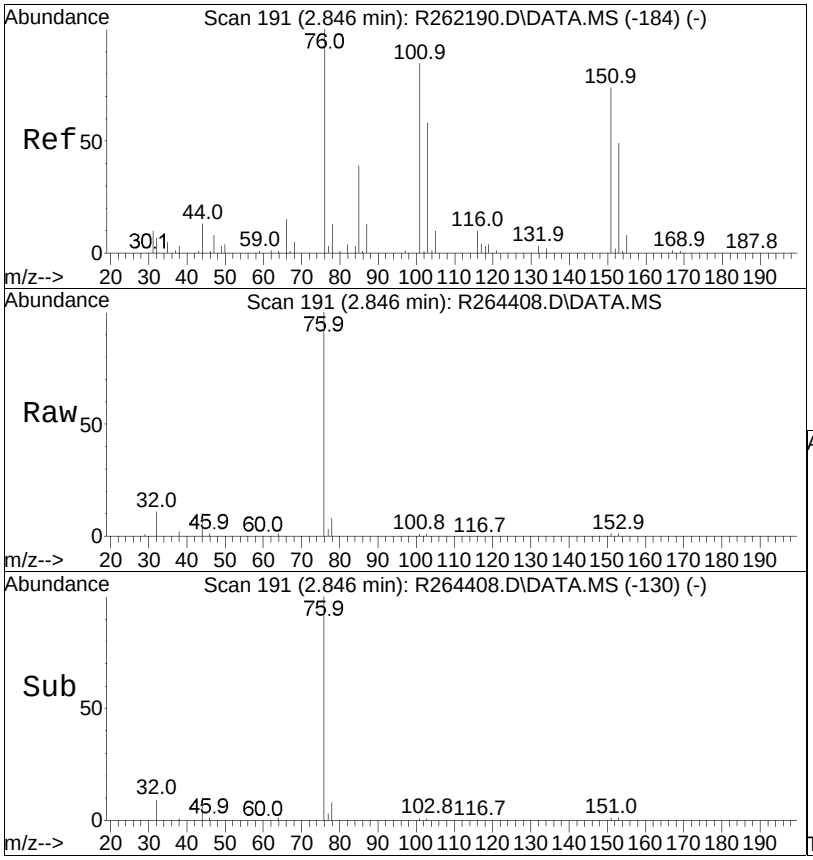


#30
carbon disulfide
Concen: 6.30 ppbV
RT: 2.846 min Scan# 191
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 76 Resp: 261991

Ion	Ratio	Lower	Upper
76	100		
44	10.4	7.5	11.3

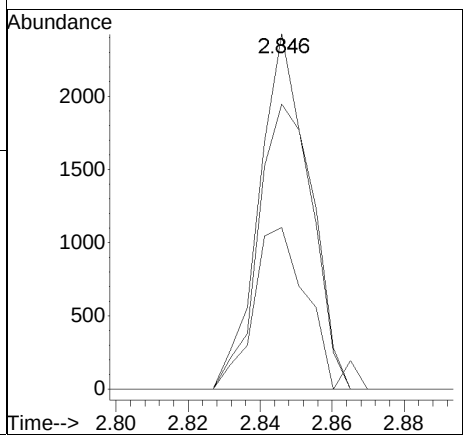


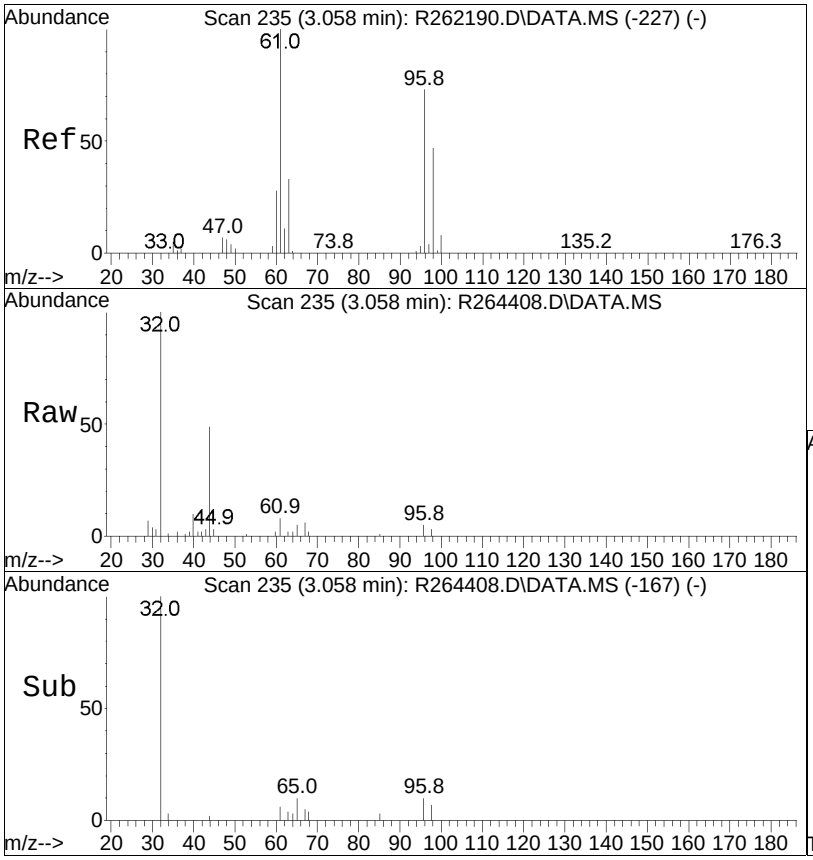


#31
Freon 113
Concen: 0.07 ppbV
RT: 2.846 min Scan# 191
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion:101 Resp: 2322

Ion	Ratio	Lower	Upper
101	100		
85	45.5	29.9	44.9#
151	80.3	67.5	101.3

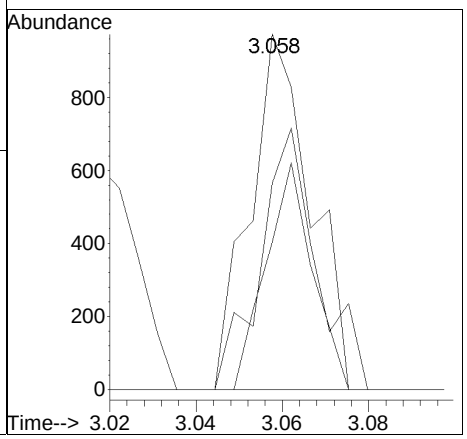


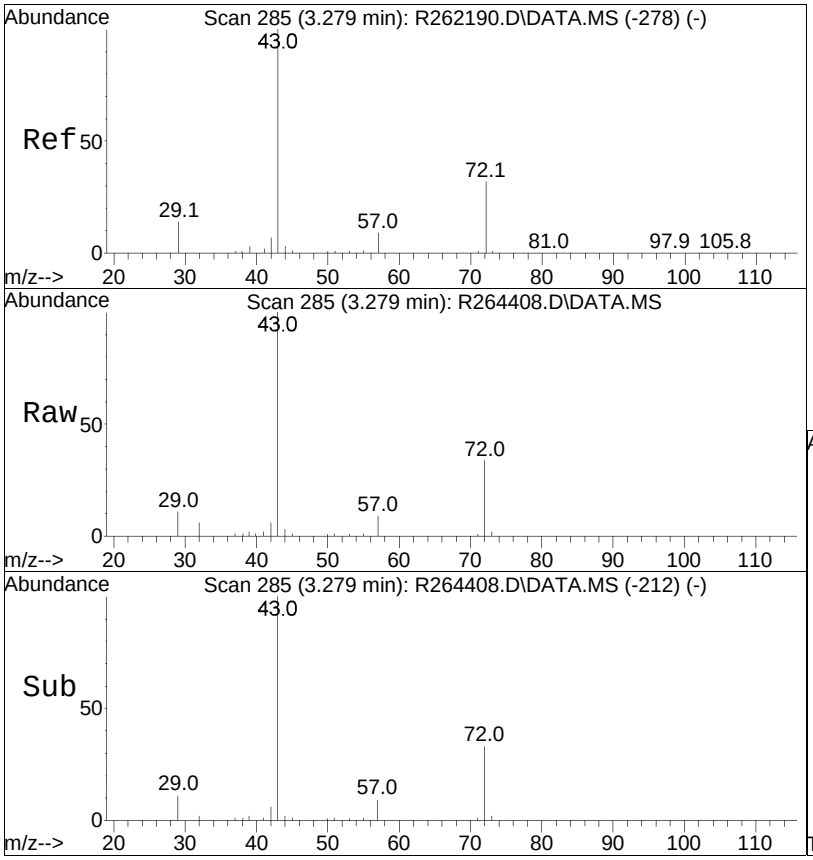


#32
trans-1,2-dichloroethene
Concen: 0.05 ppbV
RT: 3.058 min Scan# 235
Delta R.T. -0.005 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 61 Resp: 957

Ion	Ratio	Lower	Upper
61	100		
96	58.0	70.3	105.5#
98	41.4	44.5	66.7#

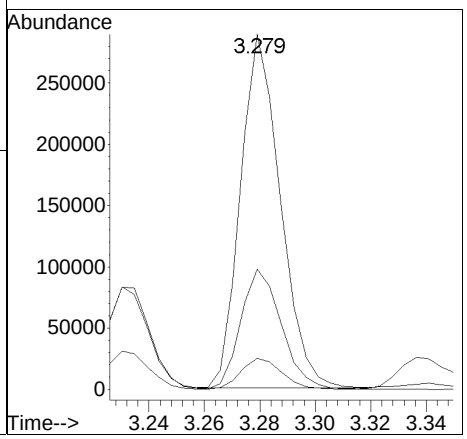


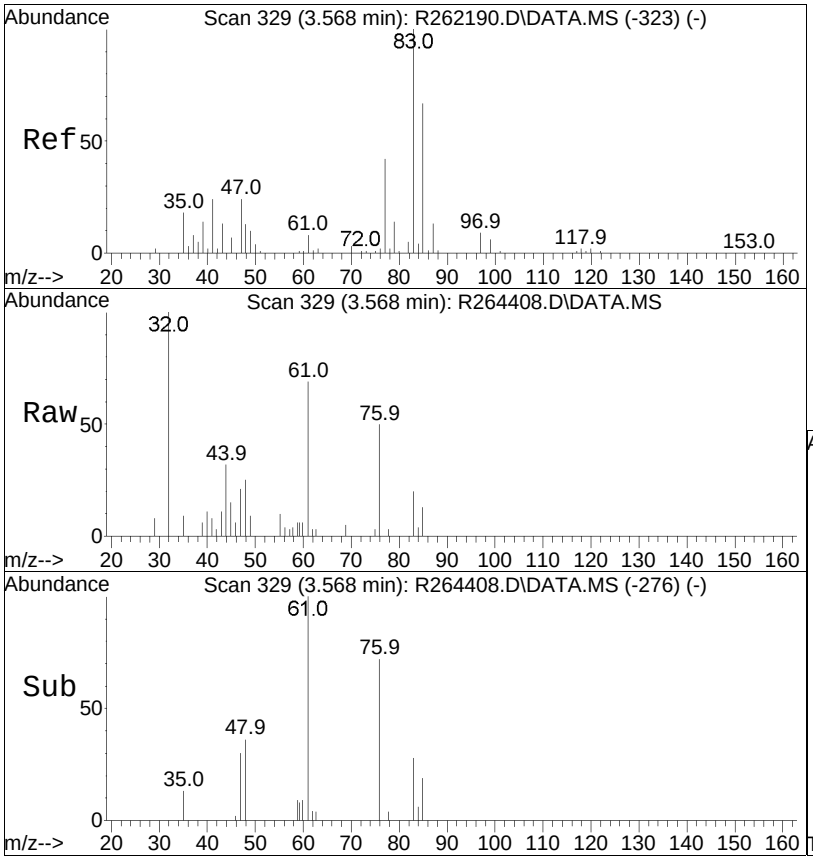


#36
2-butanone
Concen: 10.73 ppbV
RT: 3.279 min Scan# 285
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 43 Resp: 288364

Ion	Ratio	Lower	Upper
43	100		
72	33.8	27.1	40.7
57	8.7	7.4	11.2

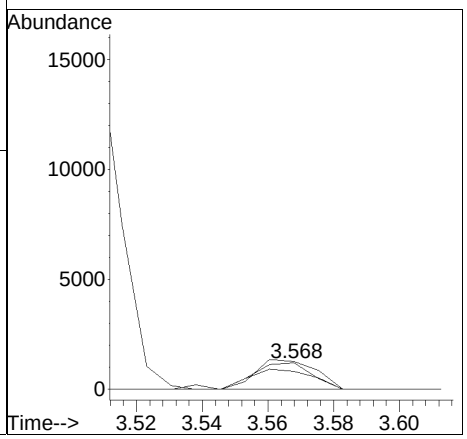


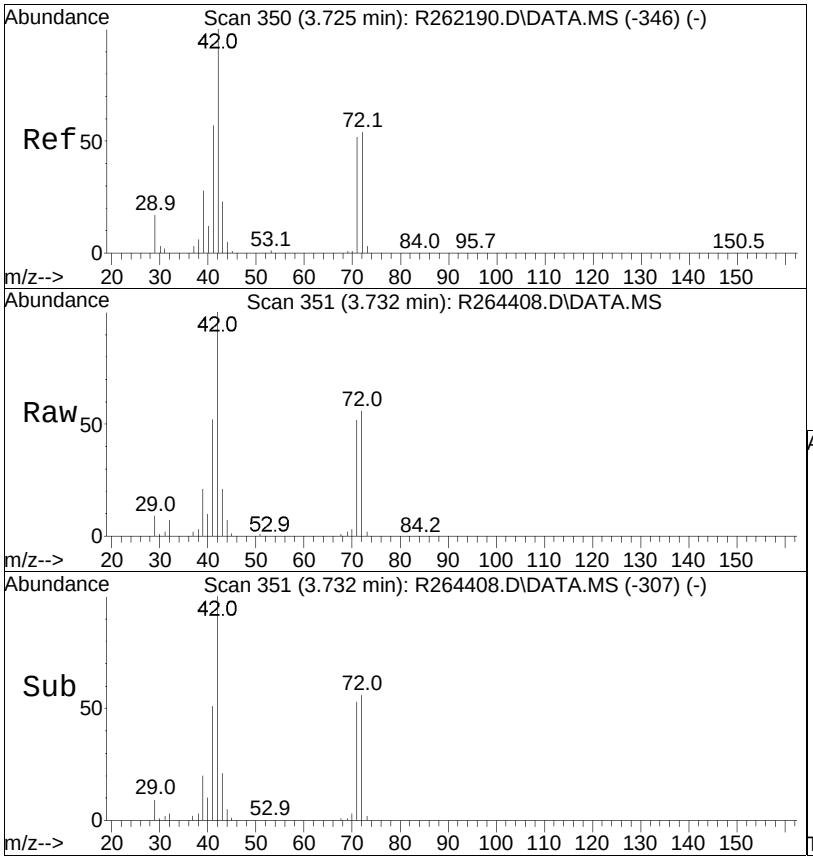


#39
chloroform
Concen: 0.04 ppbV
RT: 3.568 min Scan# 329
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 83 Resp: 1491

Ion	Ratio	Lower	Upper
83	100		
85	68.0	52.6	78.8
47	105.0	14.1	21.1#

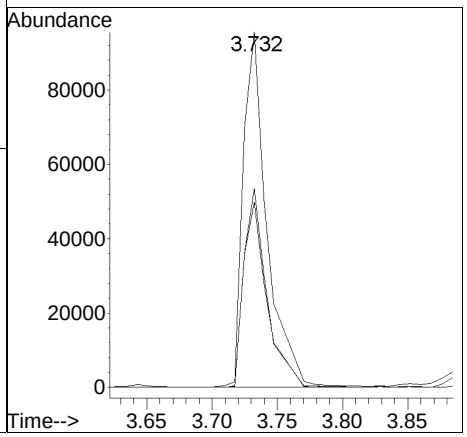


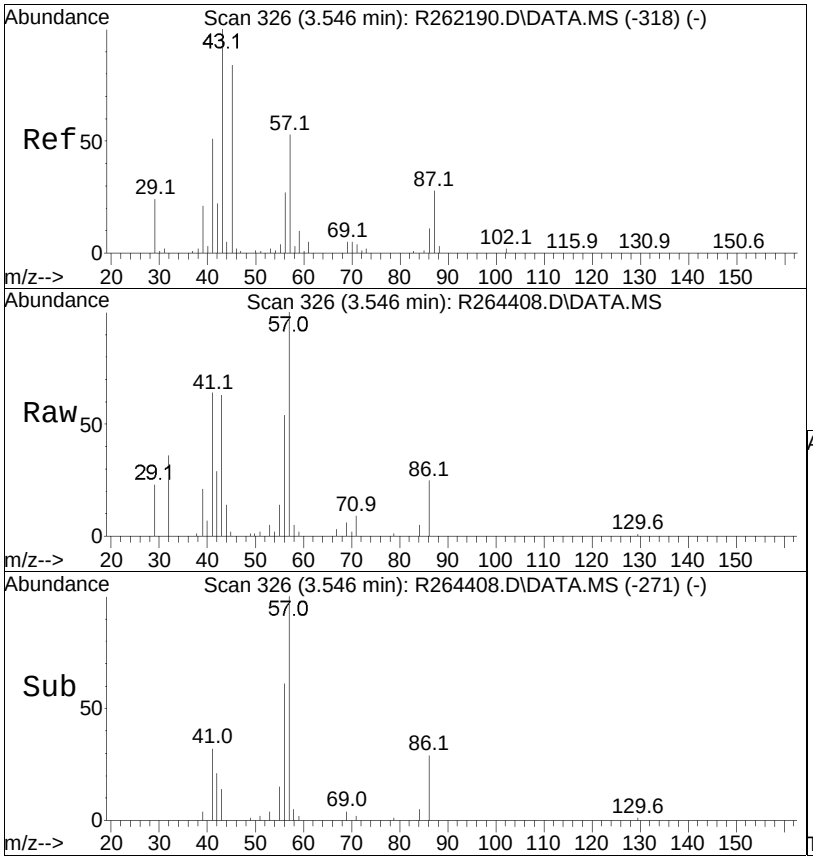


#40
Tetrahydrofuran
Concen: 9.90 ppbV
RT: 3.732 min Scan# 351
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 42 Resp: 129215

Ion	Ratio	Lower	Upper
42	100		
71	52.1	45.4	68.2
72	55.9	47.4	71.0

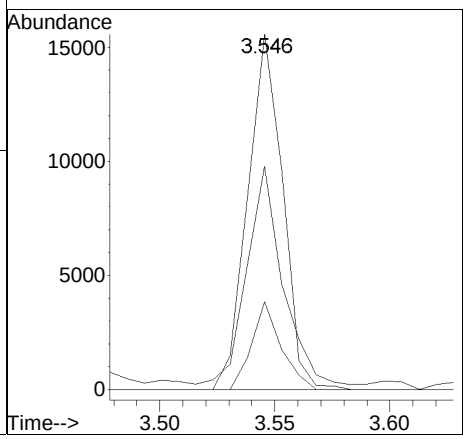


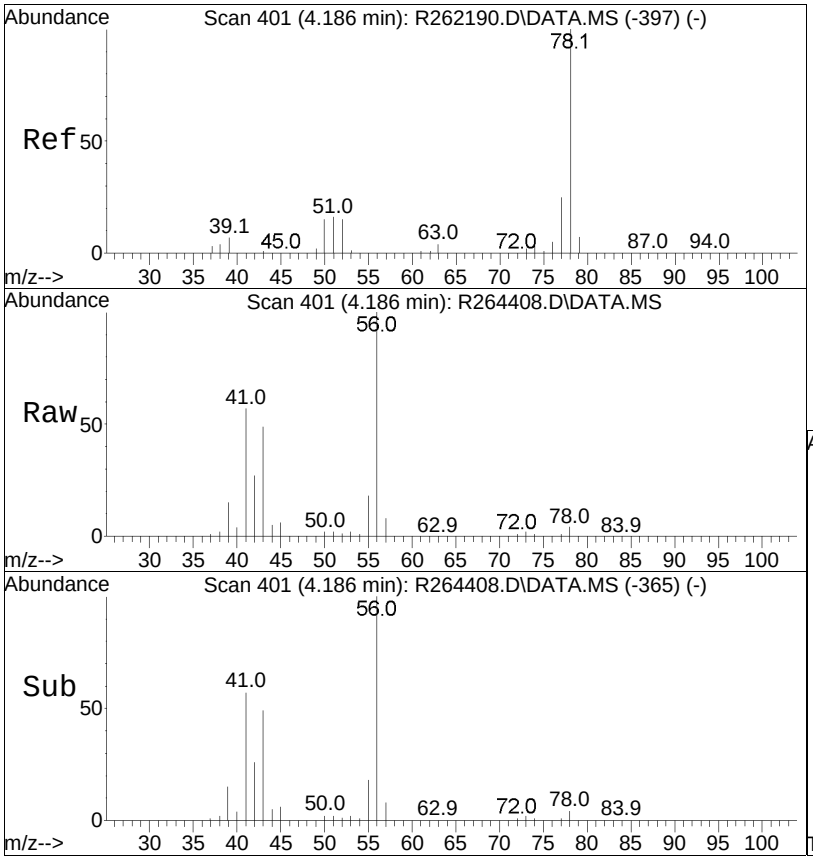


#44
hexane
Concen: 0.73 ppbV
RT: 3.546 min Scan# 326
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 57 Resp: 16409

Ion	Ratio	Lower	Upper
57	100		
43	62.8	140.7	211.1#
86	24.7	16.7	25.1

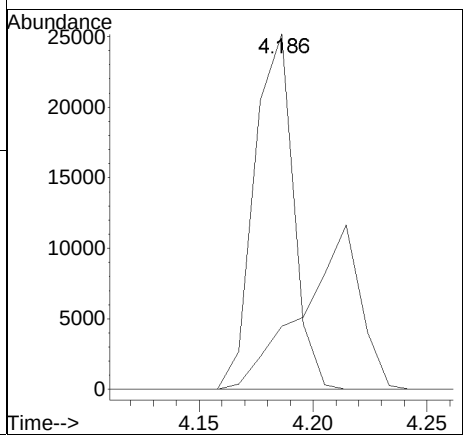


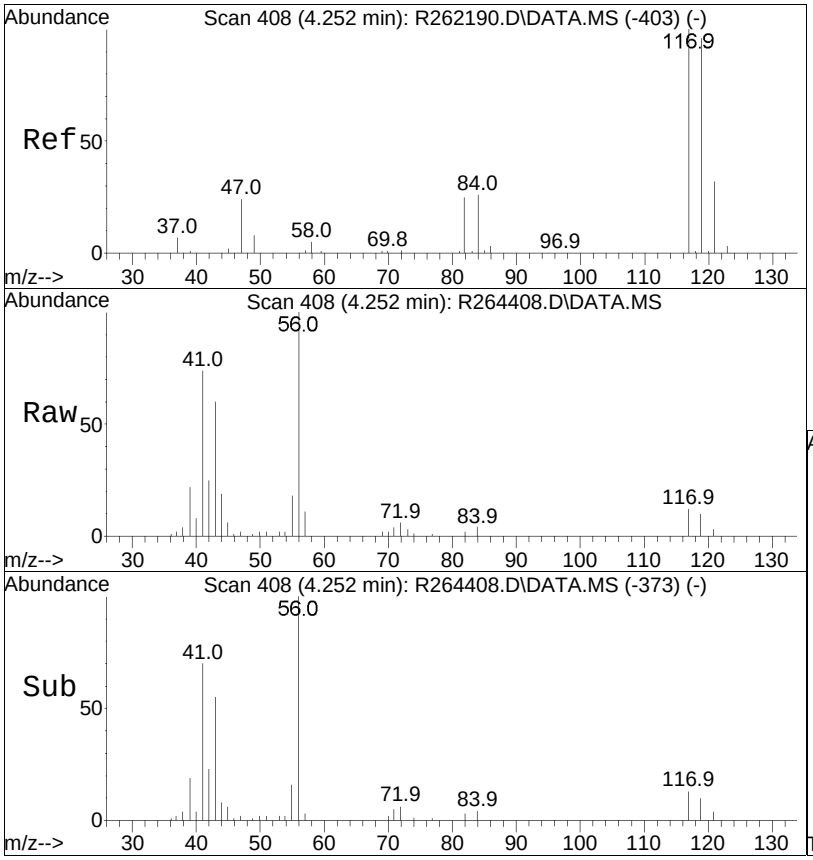


#50
benzene
Concen: 0.57 ppbV
RT: 4.186 min Scan# 401
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 78 Resp: 30133

Ion	Ratio	Lower	Upper
78	100		
52	17.7	10.3	15.5#

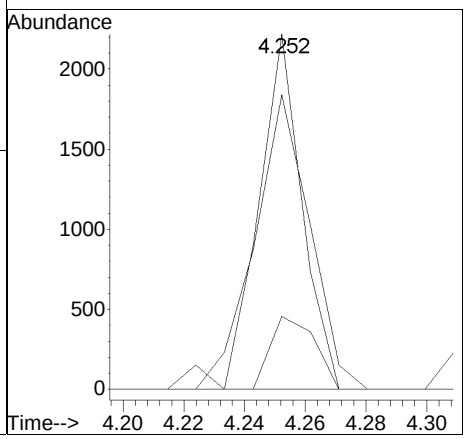


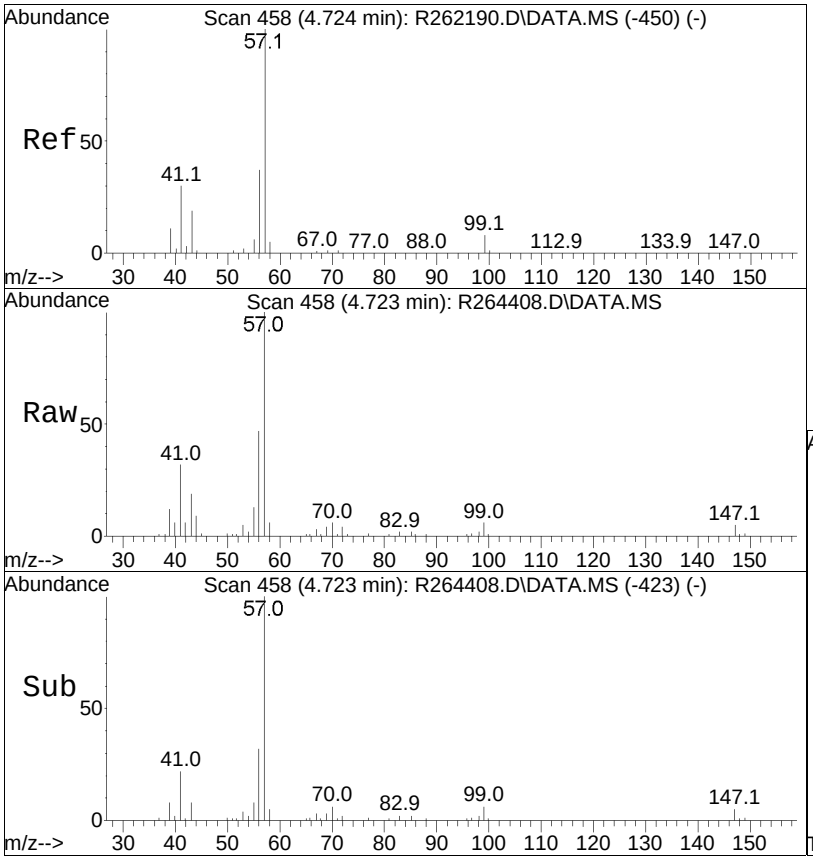


#52
carbon tetrachloride
Concen: 0.06 ppbV
RT: 4.252 min Scan# 408
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion:117 Resp: 2178

Ion	Ratio	Lower	Upper
117	100		
119	82.9	76.7	115.1
82	20.5	17.0	25.6

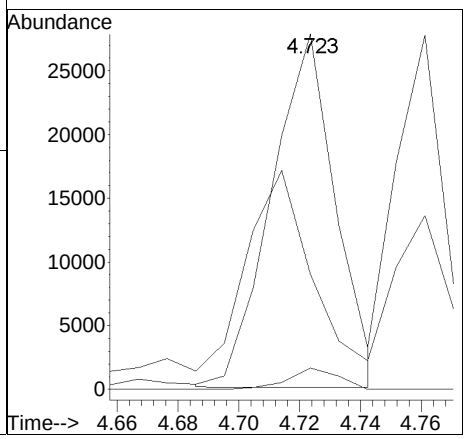


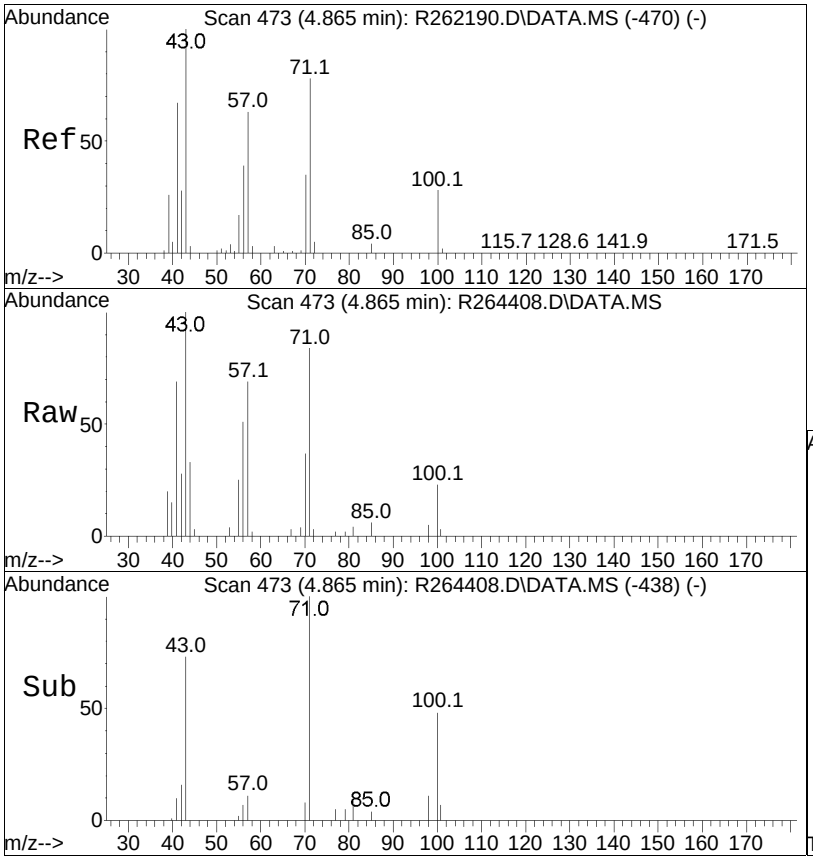


#60
2,2,4-trimethylpentane
Concen: 0.59 ppbV
RT: 4.723 min Scan# 458
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 57 Resp: 40642

Ion	Ratio	Lower	Upper
57	100		
99	6.0	6.0	9.0
41	32.4	16.3	24.5#

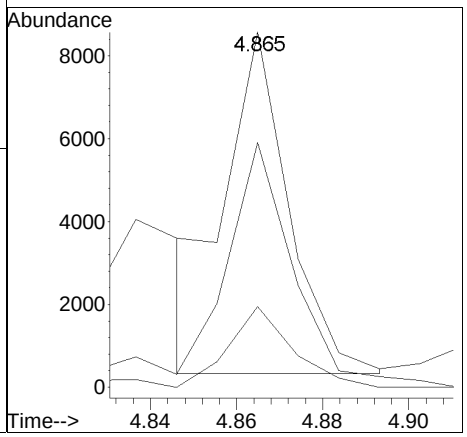


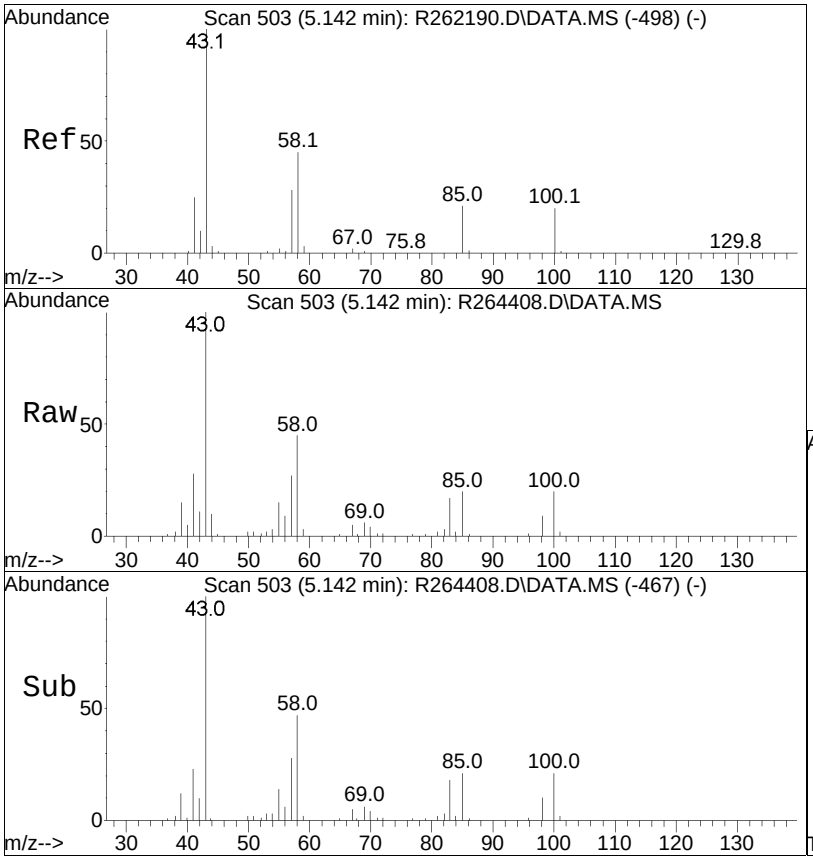


#62
heptane
Concen: 0.38 ppbV m
RT: 4.865 min Scan# 473
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 43 Resp: 8361

Ion	Ratio	Lower	Upper
43	100		
57	68.9	52.1	78.1
100	22.7	24.8	37.2#

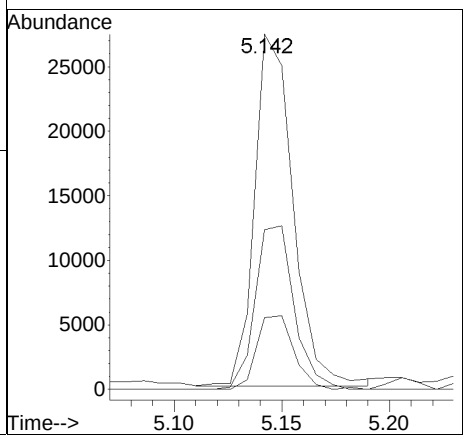


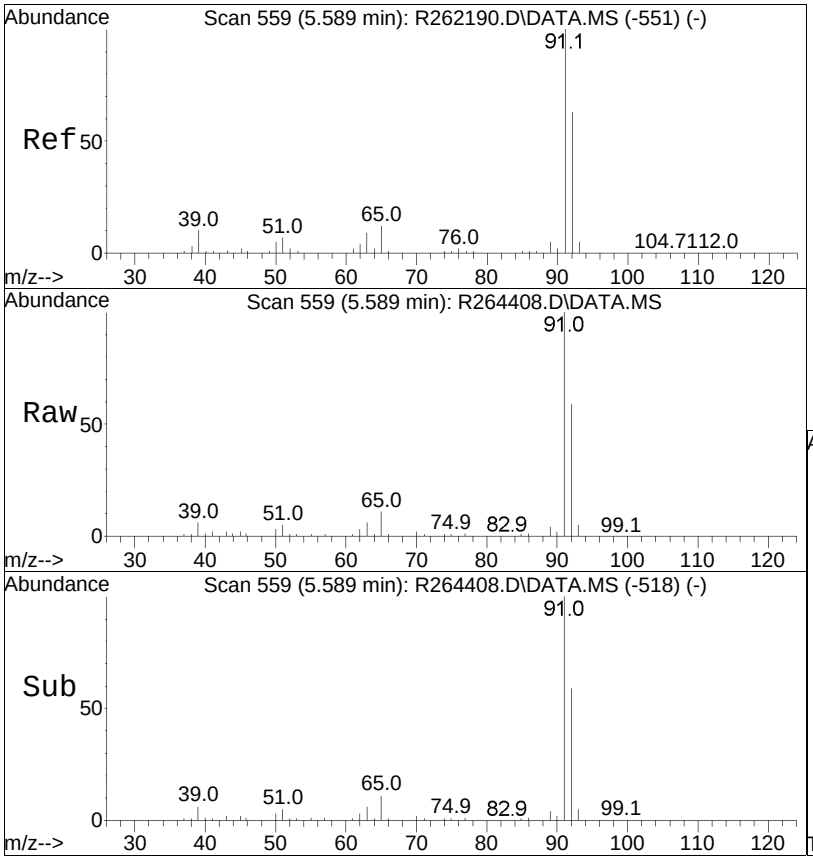


#64
4-methyl-2-pentanone
Concen: 1.23 ppbV
RT: 5.142 min Scan# 503
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 43 Resp: 33849

Ion	Ratio	Lower	Upper
43	100		
58	45.0	38.8	58.2
100	20.2	18.2	27.4

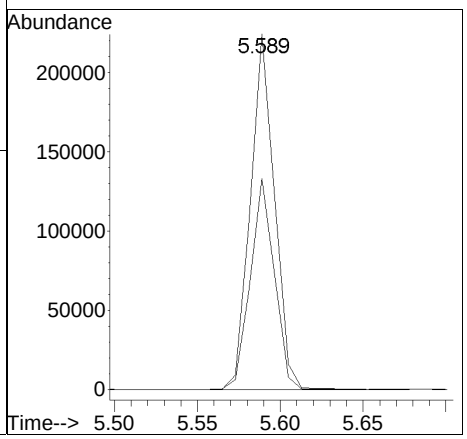


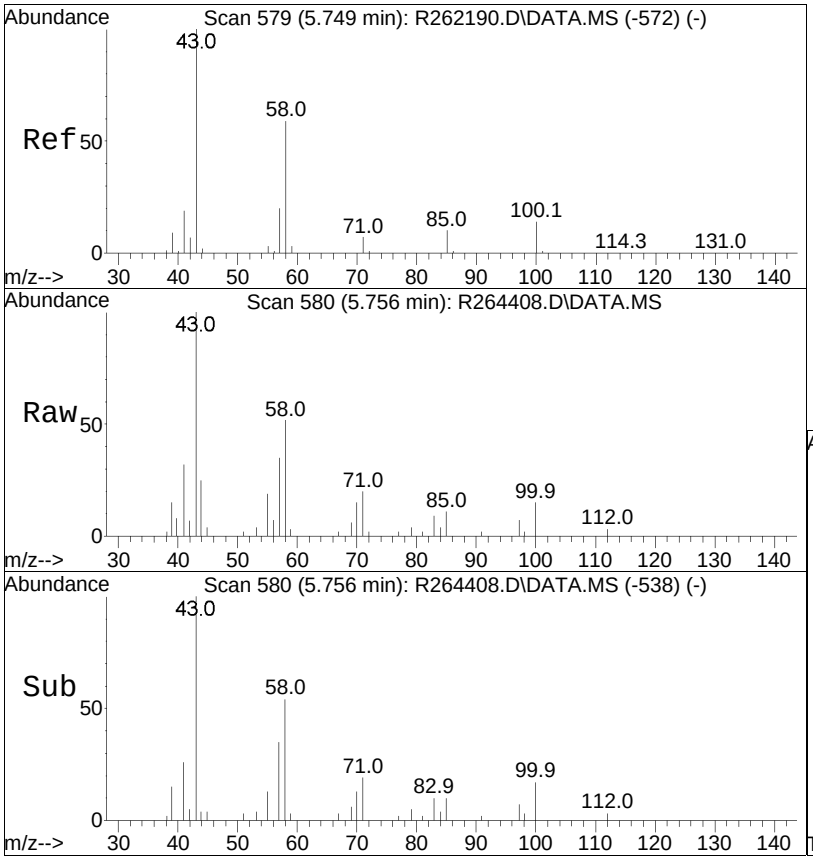


#68
toluene
Concen: 3.11 ppbV
RT: 5.589 min Scan# 559
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 91 Resp: 226568

Ion	Ratio	Lower	Upper
91	100		
92	59.4	47.9	71.9

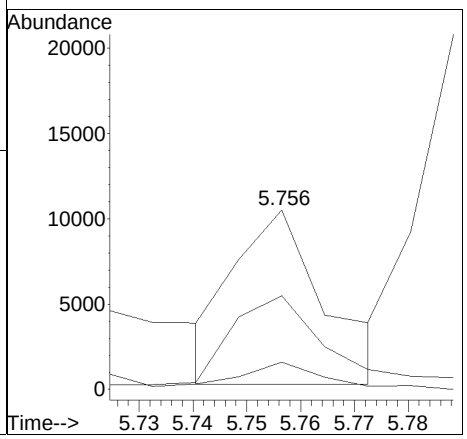


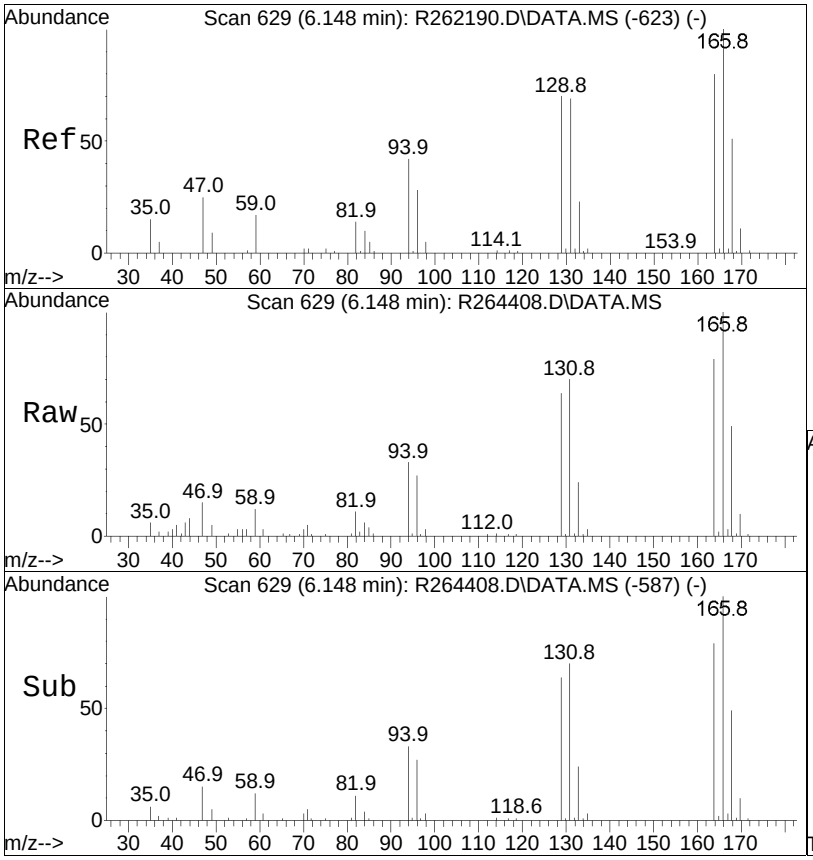


#72
2-hexanone
Concen: 0.42 ppbV
RT: 5.756 min Scan# 580
Delta R.T. 0.008 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 43 Resp: 12042

Ion	Ratio	Lower	Upper
43	100		
58	52.2	53.8	80.6#
100	15.2	15.2	22.8#

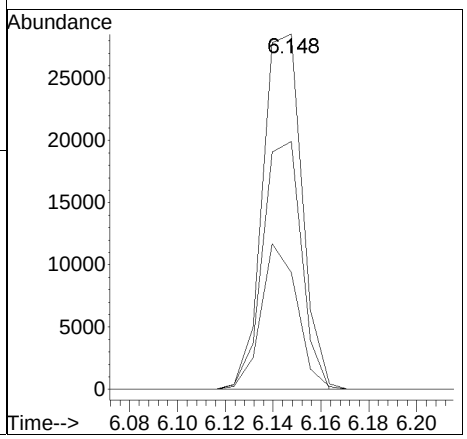


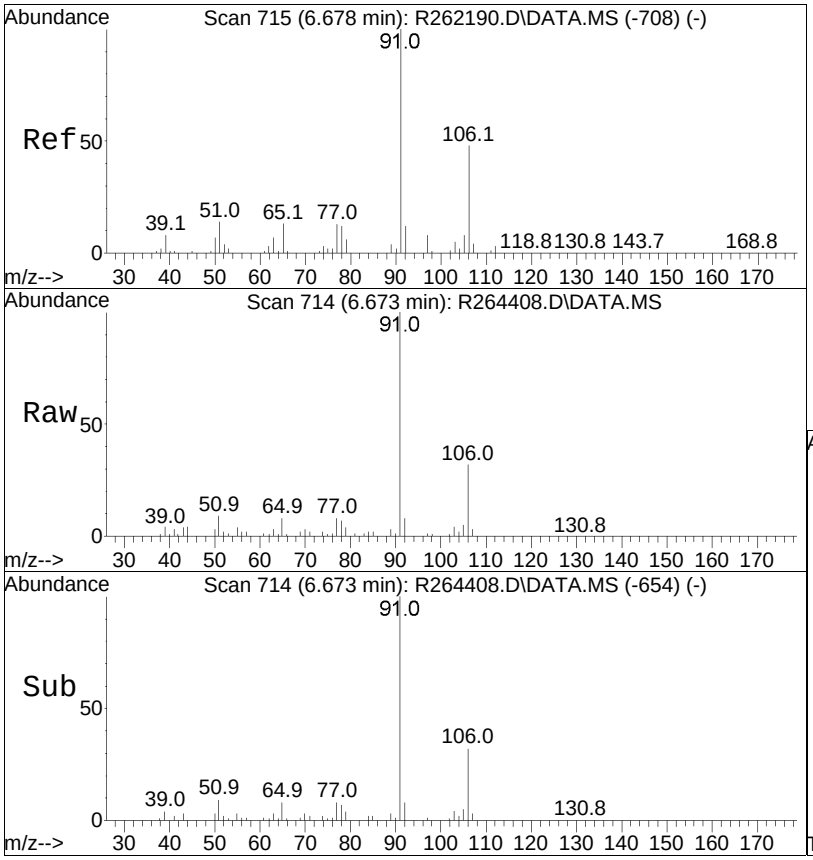


#78
tetrachloroethene
Concen: 0.86 ppbV
RT: 6.148 min Scan# 629
Delta R.T. 0.008 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion:166 Resp: 32864

Ion	Ratio	Lower	Upper
166	100		
131	69.8	57.0	85.4
94	32.9	29.0	43.4

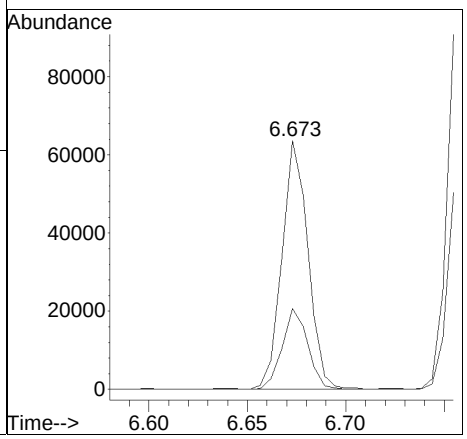


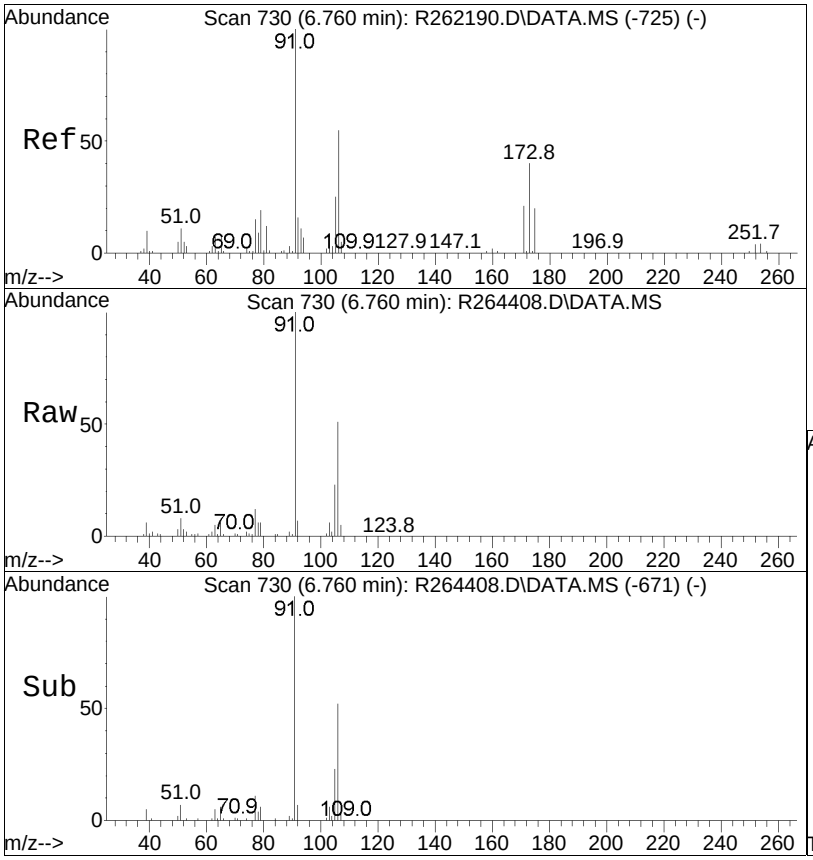


#81
ethylbenzene
Concen: 0.63 ppbV
RT: 6.673 min Scan# 714
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 91 Resp: 58828

Ion	Ratio	Lower	Upper
91	100		
106	32.5	26.6	39.8

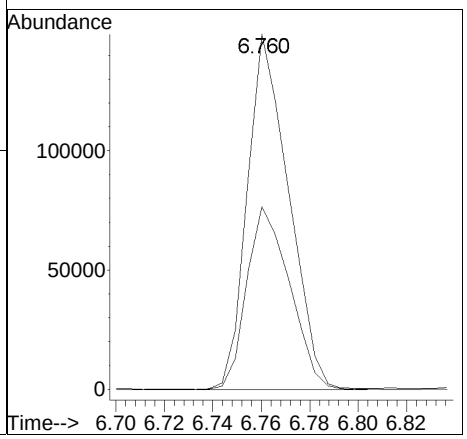


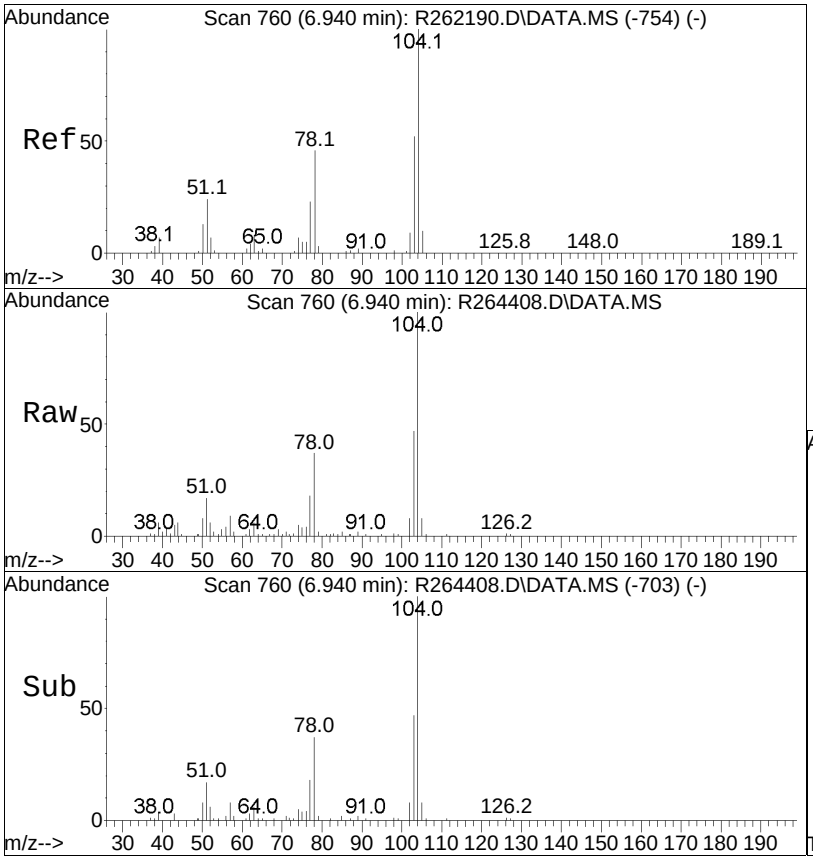


#83
m+p-xylene
Concen: 2.42 ppbV
RT: 6.760 min Scan# 730
Delta R.T. -0.006 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 91 Resp: 176441

Ion	Ratio	Lower	Upper
91	100		
106	51.4	40.6	60.8

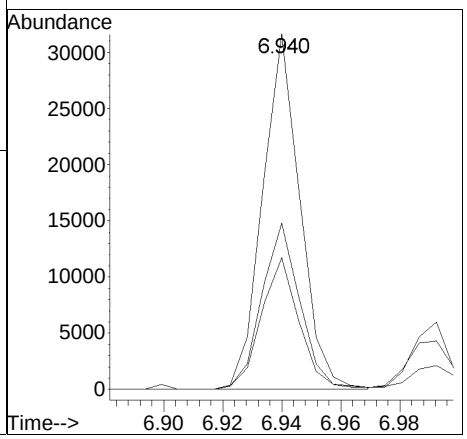


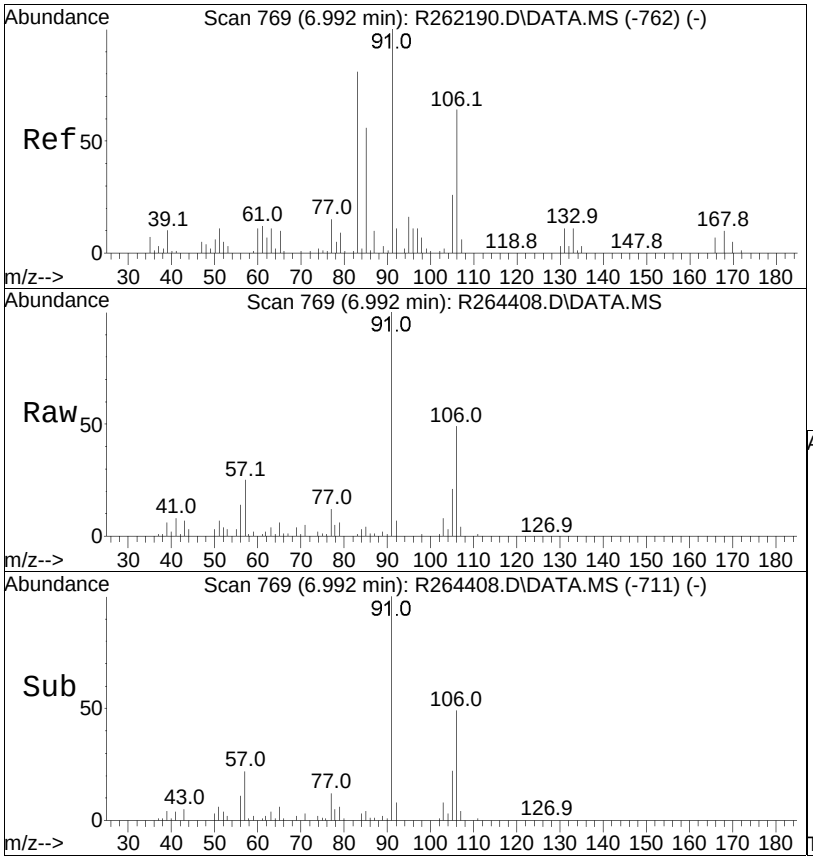


#85
styrene
Concen: 0.48 ppbV
RT: 6.940 min Scan# 760
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion:104 Resp: 27909

Ion	Ratio	Lower	Upper
104	100		
103	46.8	37.4	56.0
78	37.1	29.0	43.6

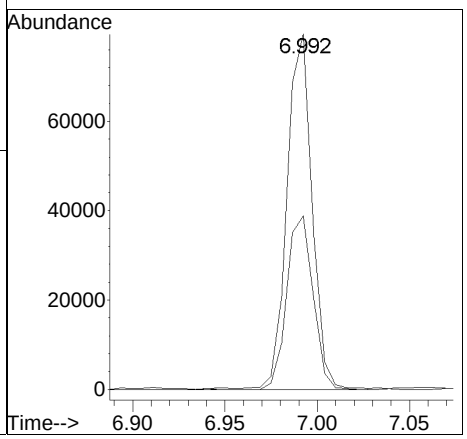


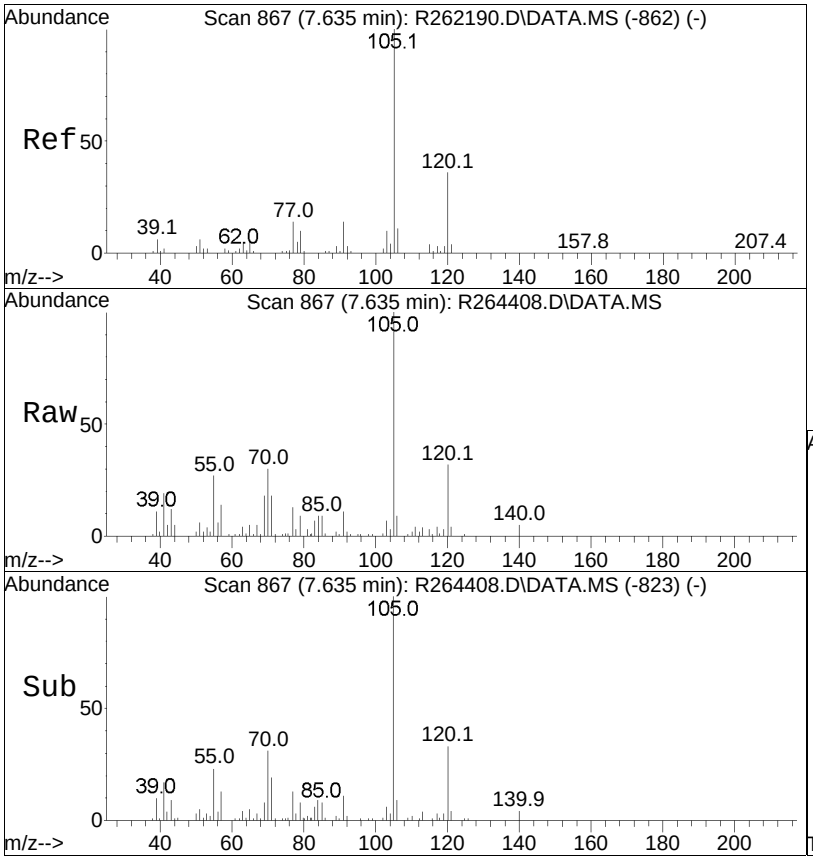


#87
o-xylene
Concen: 1.05 ppbV
RT: 6.992 min Scan# 769
Delta R.T. 0.006 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion: 91 Resp: 75439

Ion	Ratio	Lower	Upper
91	100		
106	48.8	40.8	61.2

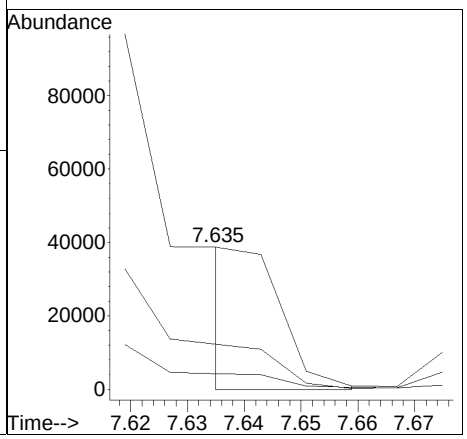


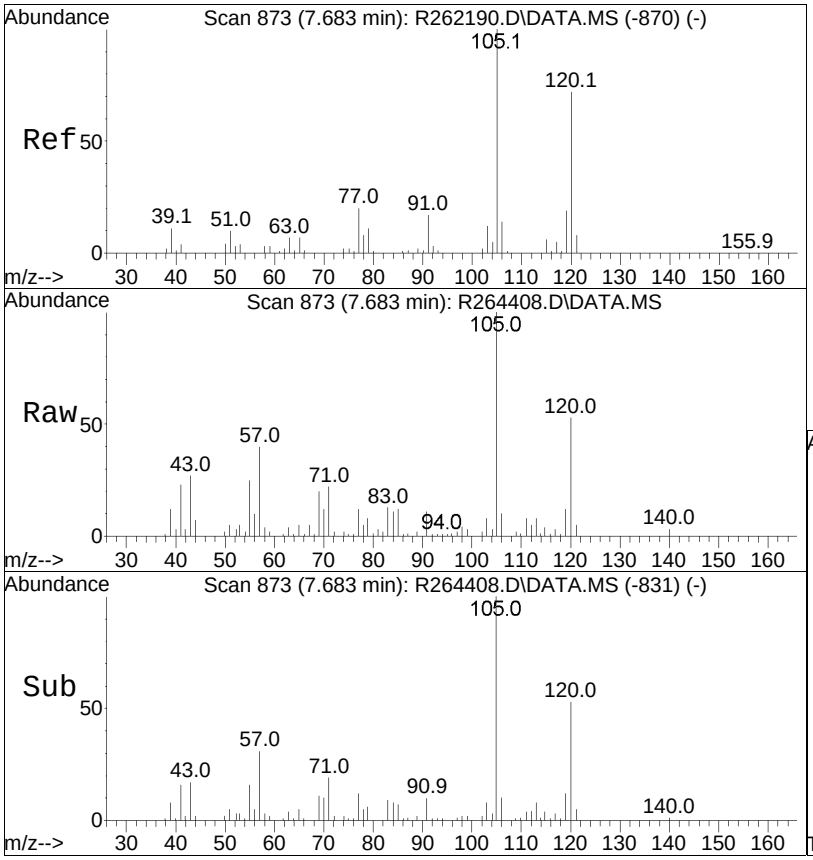


#96
4-ethyl toluene
Concen: 0.20 ppbV m
RT: 7.635 min Scan# 867
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion:105 Resp: 20433

Ion	Ratio	Lower	Upper
105	100		
120	31.8	25.0	37.6
91	11.0	7.8	11.6

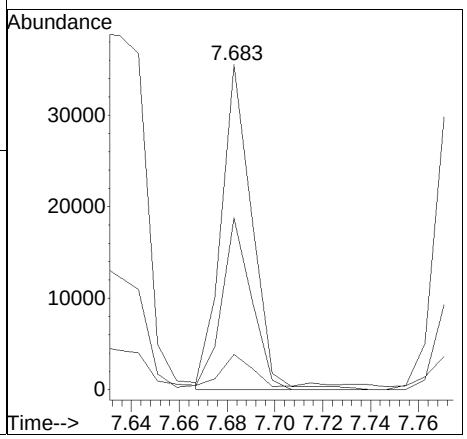


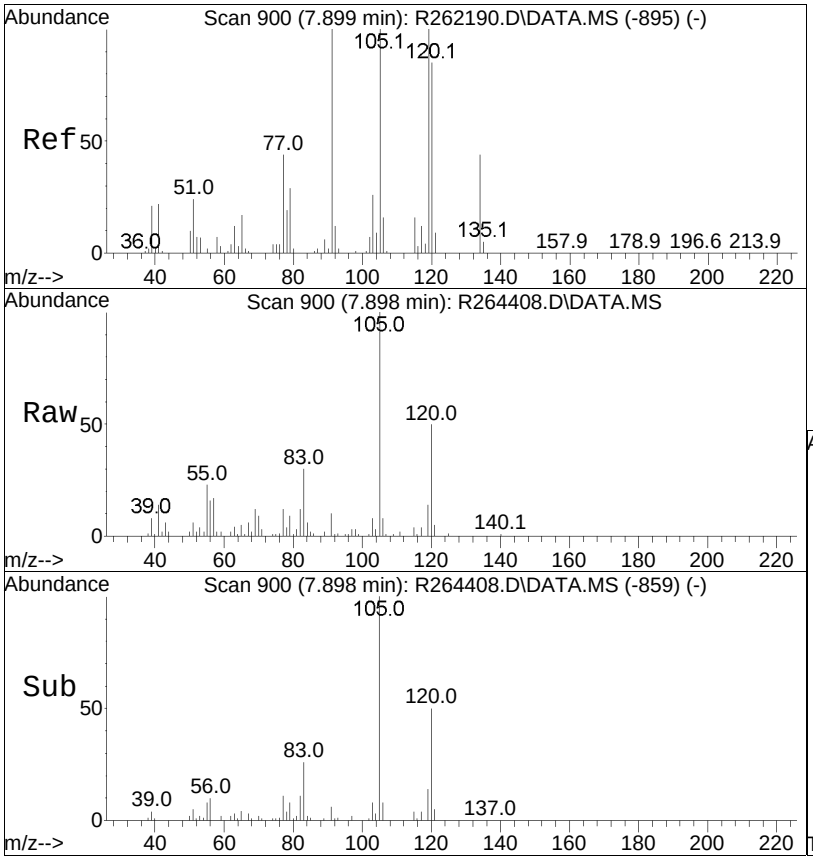


#97
1,3,5-trimethylbenzene
Concen: 0.37 ppbV
RT: 7.683 min Scan# 873
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion:105 Resp: 31778

Ion	Ratio	Lower	Upper
105	100		
120	52.8	42.0	63.0
91	10.8	7.1	10.7#

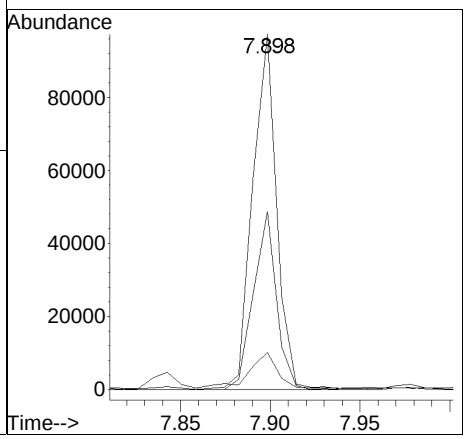


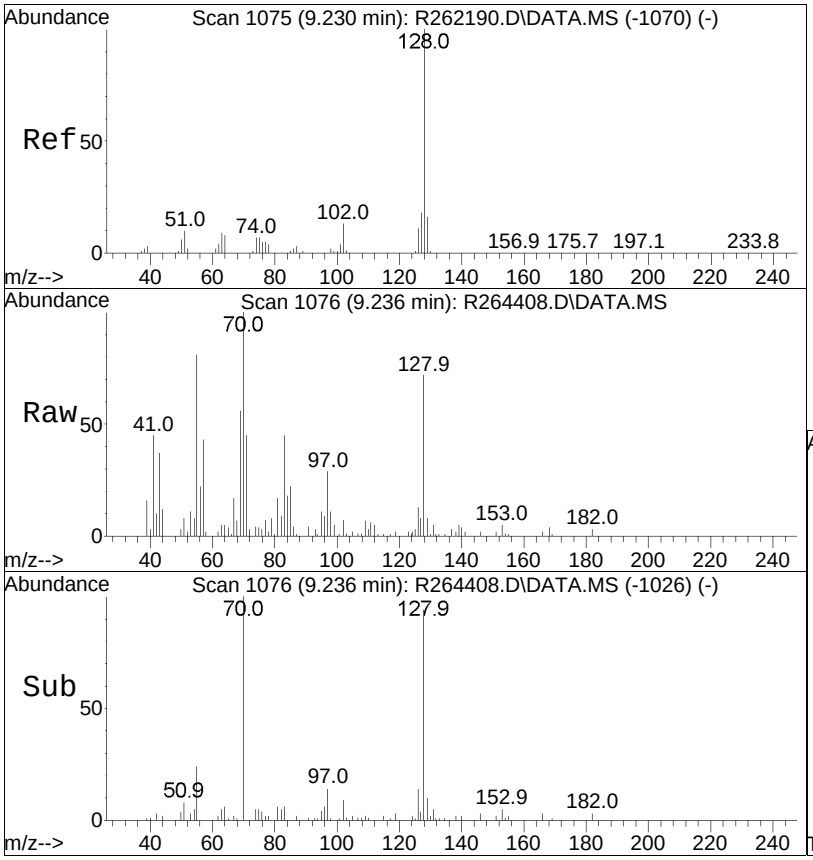


#99
1,2,4-trimethylbenzene
Concen: 1.03 ppbV
RT: 7.898 min Scan# 900
Delta R.T. -0.000 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion:105 Resp: 90556

Ion	Ratio	Lower	Upper
105	100		
120	50.1	44.5	66.7
91	10.4	35.1	52.7#

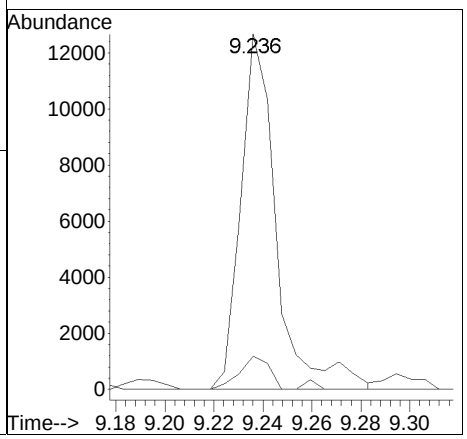




#116
naphthalene
Concen: 0.09 ppbV
RT: 9.236 min Scan# 1076
Delta R.T. 0.006 min
Lab File: R264408.D
Acq: 18 Jun 2025 01:12 am

Tgt Ion:128 Resp: 12831

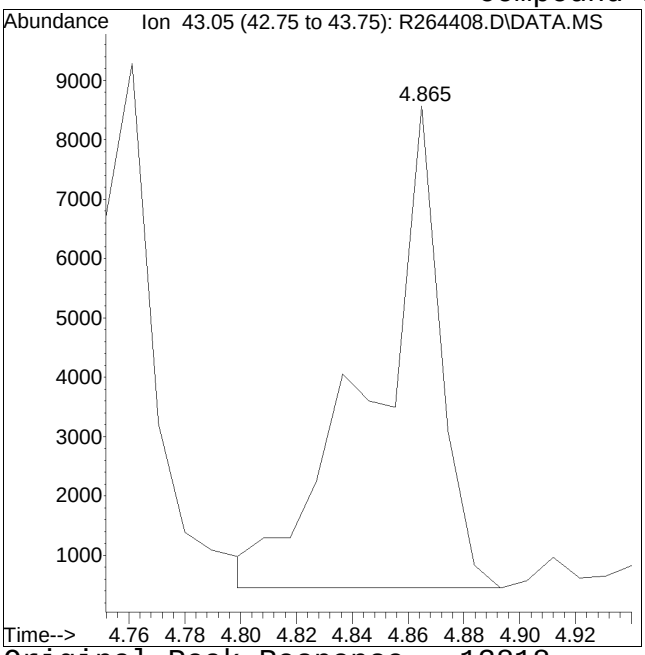
Ion	Ratio	Lower	Upper
128	100		
102	9.3	6.2	9.4



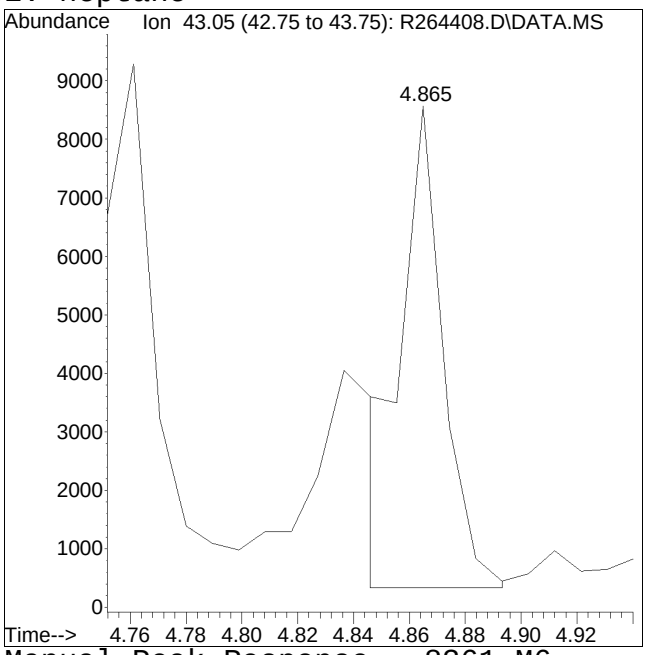
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R264408.D Operator : AIRLAB26:RAY
Date Inj'd : 6/18/2025 1:12 am Instrument : Airlab26
Sample : WG2080108-5,3,250,250 Quant Date : 6/18/2025 7:03 am

Compound #62: heptane



Original Peak Response = 13818



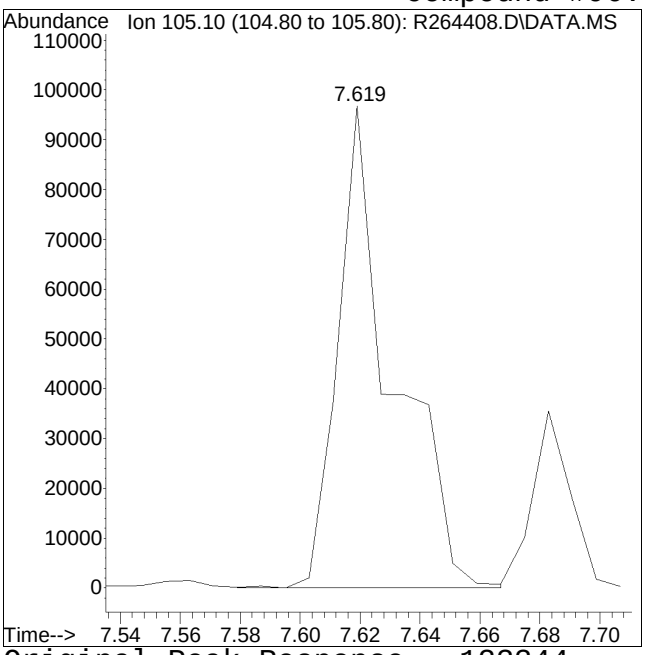
Manual Peak Response = 8361 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

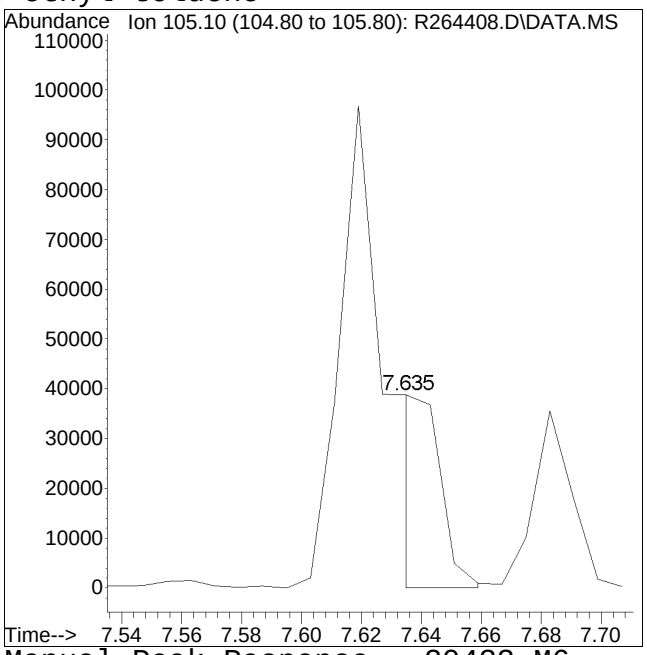
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250402.M
Data File : R264408.D Operator : AIRLAB26:RAY
Date Inj'd : 6/18/2025 1:12 am Instrument : Airlab26
Sample : WG2080108-5,3,250,250 Quant Date : 6/18/2025 7:03 am

Compound #96: 4-ethyl toluene



Original Peak Response = 123344



Manual Peak Response = 20433 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Calculation of Volatile Organic Compounds in Air

The instrument will calculate the concentration (ppbv). If the sample is diluted (DF), the result is multiplied by the DF to generate the final result.

Result, ppbv = C_s x DF
Where:
C_s = Concentration of sample (ppbv)
DF = Dilution Factor

Calculation of Instrument Dilution Factor

For dilutions, smaller sample volumes (< 250mL) are analyzed. The smallest volume that can be analyzed with accuracy is 10 mL.

Samples that arrive at the laboratory with pressures below -15 inches Hg must be pressurized with zero air to greater than -15 inches Hg. This pressurization results in a dilution factor.

Calculation of Dilution Factor
$DF = V_{cf} / V_{ci}$
Where:
V_{ci} = volume of air in canister prior to pressurization, L
P =

Conversion of ppbv to ug/m^3
ug/m^3 = (ppbv) * MW / 24.47
Where:
24.47 = molar gas constant (g/g-mole)
MW = molecular weight of the compound of interest

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

$V_{ci} = 2.7 * Pl/14.696$

Step 2: Calculate the volume in the canister after pressurization.

$V_{cf} = 2.7 * PF/14.696$

Step 3: Calculate the dilution factor.

$DF = V_{cf} / V_{ci}$

Where:

V_{ci} = volume of air in canister prior to pressurization, L
PI = pressure reading of canister prior to pressurization (psia)
V_{cf} = volume of air in canister after pressurization, L
PF = pressure reading of canister after pressurization (psia)
DF = dilution factor
14.696 = atmospheric pressure (psia)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jun 24 2025, 11:27 am

Work Group: WG2080108 for Department: 3 GC/MS

Created: 17-JUN-25 Due: Operator: DJR

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2535246-01	SVE-1	S	TO15-LL	SOIL_VAPOR	DONE	U	0703	0617	S0	Can-2.7
L2535246-02	SVE-2	S	TO15-LL	SOIL_VAPOR	DONE	U	0703	0617	S0	Can-2.7
L2535246-03	SVE-3	S	TO15-LL	SOIL_VAPOR	DONE	U	0703	0617	S0	Can-2.7
L2535246-04	STACK EFFLUENT	S	TO15-LL	SOIL_VAPOR	DONE	U	0703	0617	S0	Can-2.7
L2535269-01	SVE EFFLUENT	S	TO15-LL	SOIL_VAPOR	DONE	U	0703	0618	S0	Can-2.7
L2535269-02	SVE INFLUENT	S	TO15-LL	SOIL_VAPOR	DONE	U	0703	0618	S0	Can-2.7
L2535275-01	5027:SVE-INF:SG05302025	S	TO15-LL	SOIL_VAPOR	DONE	U	0629	0618	S0	Can-2.7
L2535355-01	SV-1	S	TO15-LL	SOIL_VAPOR	DONE	U	0704	0618	S0	Can-2.7
L2535355-02	SV-2	S	TO15-LL	SOIL_VAPOR	DONE	U	0704	0618	S0	Can-2.7
L2535355-03	SV-3	S	TO15-LL	SOIL_VAPOR	DONE	U	0704	0618	S0	Can-2.7
L2535492-01	UPWIND	S	TO15-LL	AIR	DONE	U	0703	0618	S0	Can-6
L2535492-02	DOWNWIND-V1	S	TO15-LL	AIR	DONE	U	0703	0618	S0	Can-6
L2535492-03	DOWNWIND-V2	S	TO15-LL	AIR	DONE	U	0703	0618	S0	Can-6
L2536987-01	SVE-INF_20250612	S	TO15-LL	SOIL_VAPOR	DONE	U	0712	0619	S0	Tedlar-Poly5
L2536987-02	SVE-EFF_20250612	S	TO15-LL	SOIL_VAPOR	DONE	U	0712	0619	S0	Tedlar-Poly5
L2537054-01	SG-2	S	TO15-LL	SOIL_VAPOR	DONE	U	0712	0619	S0	Can-2.7
L2537054-02	SG-4	S	TO15-LL	SOIL_VAPOR	SEC	U	0712	0619	S0	Can-2.7
L2537054-03	SG-3	S	TO15-LL	SOIL_VAPOR	DONE	U	0712	0619	S0	Can-2.7
L2537054-04	SG-5	S	TO15-LL	SOIL_VAPOR	DONE	U	0712	0619	S0	Can-2.7
L2537054-05	SG-1	S	TO15-LL	SOIL_VAPOR	DONE	U	0712	0619	S0	Can-2.7
WG2080108-1	MS BFB Tune Standard	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2080108-1	MS BFB Tune Standard	S	TO15-LL	AIR	DONE	U				
WG2080108-2	Continuing Calibrati	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2080108-2	Continuing Calibrati	S	TO15-LL	AIR	DONE	U				
WG2080108-3	Laboratory Control S	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2080108-3	Laboratory Control S	S	TO15-LL	AIR	DONE	U				
WG2080108-4	Laboratory Method Bl	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2080108-4	Laboratory Method Bl	S	TO15-LL	AIR	DONE	U				
WG2080108-5	Duplicate Sample	S	TO15-LL	AIR	DONE	U				
WG2080108-5	Duplicate Sample	S	TO15-LL	SOIL_VAPOR	DONE	U				

Comments:

WG2080108-5 L2535355-02

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRLAB26

Internal Standard/Surrogate IDs: SS24-016 / SS24-017

Date: 04/02/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: APR

Sequence File Name: 250402.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	BA26031401	TO15_SFS.M	R262650.D	250ML			NA
1	BA26031401	TO15_SFS.M	R262651.D	250ML			NA
1	BA26031401	TO15_SFS.M	R262652.D	250ML			NA
1	TA26031401	TO15_SFS.M	R262653.D	250 mL	TUNE		NA
5	ITO15-SIMSTD0.02	TO15_SFS.M	R262654.D	SS24-043D 50 mL	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.05	TO15_SFS.M	R262655.D	SS24-043D 125 mL	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.1	TO15_SFS.M	R262656.D	SS24-043D 250 mL	SIM ONLY	DEF	NA
6	ITO15-LLSTD0.2	TO15_SFS.M	R262657.D	SS24-043C 50 mL		DEF	NA
6	ITO15-LLSTD0.5	TO15_SFS.M	R262658.D	SS24-043C 125 mL		DEF	NA
6	ITO15-LLSTD1.0	TO15_SFS.M	R262659.D	SS24-043C 250 mL		DEF	NA
7	ITO15-LLSTD5.0	TO15_SFS.M	R262660.D	SS24-043B 125 mL		DEF	NA
7	ITO15-LLSTD010	TO15_SFS.M	R262661.D	SS24-043B 250 mL		DEF	NA
8	ITO15-LLSTD020	TO15_SFS.M	R262662.D	SS24-043A 50 mL		DEF	NA
8	ITO15-LLSTD050	TO15_SFS.M	R262663.D	SS24-043A 125 mL		DEF	NA
8	ITO15-LLSTD100	TO15_SFS.M	R262664.D	SS24-043A 250 mL	LL ONLY	DEF	NA
1	BA26031401	TO15_SFS.M	R262665.D	250ML			NA
1	BA26031402	TO15_SFS.M	R262666.D	250ML			NA
2	CTO15-LLSTD010	TO15_SFS.M	R262667.D	SS25-006B 250 mL	LL ICV	DEF-ICV	NA
2	CTO15-SIMSTD5.0	TO15_SFS.M	R262668.D	SS25-006B 250 mL	SIM ICV	DEF-ICV	NA

Alpha Analytical Air Lab
Instrument Run Log

Date Acquired: see Instrument Performance Check Summary and/or quantitation report.

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (ml), nominal volume analyzed (ml) }

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Alpha Analytical Air Lab
Instrument Run Log

ment ID: AIRLAB26

Internal Standard/Surrogate IDs: SS24-016 / SS24-017

Date: 06/17/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: BJB/DJR

Sequence File Name: 250617.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	TA26061401	TO15_SFS.M	R264392.D	250 mL	TUNE		NA
2	CA26061401	TO15_SFS.M	R264393.D	SS25-017G 250 mL	CC	NJ CC FAILS	NA
3	CTO15-LLSTD010	TO15_SFS.M	R264394.D	SS25-015F 250 mL	LL LCS	VA OUT	NA
3	CTO15-SIMSTD5.0	TO15_SFS.M	R264395.D	SS25-015F 125 mL	SIM LCS		NA
1	BA26061401	TO15_SFS.M	R264396.D	250ML	LL BLANK		NA
1	BA26061402	TO15_SFS.M	R264397.D	250ML	SIM BLANK		NA
1	L2535492-01,3,250,250	TO15_SFS.M	R264398.D	WG2080108,ICAL22173		STD + NAPH	Y
2	L2535492-02,3,250,250	TO15_SFS.M	R264399.D	WG2080108,ICAL22173		STD + NAPH	Y
3	L2535492-03,3,250,250	TO15_SFS.M	R264400.D	WG2080108,ICAL22173		STD + NAPH	Y
4	L2537054-01,3,250,250	TO15_SFS.M	R264401.D	WG2080108,ICAL22173		PA	Y
5	L2537054-02,3,250,250	TO15_SFS.M	R264402.D	WG2080108,ICAL22173		PA	Y
6	L2537054-03,3,250,250	TO15_SFS.M	R264403.D	WG2080108,ICAL22173		PA	Y
7	L2537054-04,3,250,250	TO15_SFS.M	R264404.D	WG2080108,ICAL22173		PA	Y
8	L2537054-05,3,250,250	TO15_SFS.M	R264405.D	WG2080108,ICAL22173		PA	Y
9	L2535355-01D,3,125.42,250	TO15_SFS.M	R264406.D	WG2080108,ICAL22173	T	NY + NAPH	Y
10	L2535355-02,3,250,250	TO15_SFS.M	R264407.D	WG2080108,ICAL22173		NY + NAPH	Y
10	L2535355-02DUP,3,250,250	TO15_SFS.M	R264408.D	WG2080108,ICAL22173	LL DUP	NY + NAPH	Y
11	L2535355-03D,3,19.32,250	TO15_SFS.M	R264409.D	WG2080108,ICAL22173	T	NY + NAPH	Y

Alpha Analytical Air Lab
Instrument Run Log

12	L2535275-01D,3,19.49,250	TO15_SFS.M	R264410.D	WG2080108,ICAL22173	T	STD + NAPH	Y
13	L2536987-01D,3,48.81,250	TO15_SFS.M	R264411.D	WG2080108,ICAL22173	NT	NY + NAPH	Y
14	L2536987-02D,3,117.8,250	TO15_SFS.M	R264412.D	WG2080108,ICAL22173		NY + NAPH	Y
15	L2535269-01,3,250,250	TO15_SFS.M	R264413.D	WG2080108,ICAL22173		NY + NAPH	Y
16	L2535269-02D,3,6.19,250	TO15_SFS.M	R264414.D	WG2080108,ICAL22173	T	NY + NAPH	Y
1	L2535246-01D,3,5.24,250	TO15_SFS.M	R264415.D	WG2080108,ICAL22173	T	NY + NAPH	Y
2	L2535246-02D,3,30,250	TO15_SFS.M	R264416.D	WG2080108,ICAL22173	T	NY + NAPH	Y
3	L2535246-03D,3,19.98,250	TO15_SFS.M	R264417.D	WG2080108,ICAL22173	T	NY + NAPH	Y
4	L2535246-04D,3,16.14,250	TO15_SFS.M	R264418.D	WG2080108,ICAL22173	T	NY + NAPH	Y

Date Acquired: see Instrument Performance Check Summary and/or quantitation report.

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (ml), nominal volume analyzed (ml) }

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Alpha Analytical, Inc.
Canister Dilution Worksheet

	NJDEP Required Information							Pressurization Dilution				Can Dilution				Instrument Dilution				
Sample ID	Can size, L	P_1, in Hg	P_1, atm	V_1, L	P_2, in Hg	P_2, atm	V_2, L	P_1, psia	P_2, psia	Dilution factor	Gas Used*	Volume injected, mL	Final Pressure, psia	Volume of Dilution Gas in Can, L	Can dilution factor	Volume of Bag or Can Analyzed, mL	Instrument Dilution Factor	Final Dilution Factor **	Final Volume Injected, mL ***	Analyst Initials
L2536987-01D	1.0	-0.55	0.98	0.98	30.27	2.01	2.01	14.4	29.5	2.05	N2	1000	14.7	1.00	1.00	100	2.50	5.12	48.81	DJR
L2536987-02D	1.0	-1.57	0.95	0.95	30.27	2.01	2.01	13.9	29.5	2.12	N2	1000	14.7	1.00	1.00	250	1.00	2.12	117.80	DJR

Barcode	SAMPLE ID SCANS
	I2536987-01x
	I2536987-02x

*N2 = Nitrogen and H2= Hydrogen

** Dilution factor on this spreadsheet may differ from reported dilution factor (calculated by LIMs) due to different rounding rules

*** Reported to 2 decimal places unless 0.01 or less; then 3 decimal places are reported

Analyst data input fields

Analyst Comments:

in Hg = ((psia/14.67)*29.94)-29.94 atm =psia/14.67 psig=psia - 14.67 psia = dilution instrument reading

Form# 117-05
6/24/2025 9:53 AM

Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2543344

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Project Name: 1885 ATLANTIC AVE.
Project Number: 0205125

Lab Number: L2543344
Report Date: 07/16/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2543344-01	SVE-EFF-01_20250710	SOIL_VAPOR	1885 ATLANTIC AVE., BROOKLYN, NY	07/10/25 10:45	07/10/25
L2543344-02	SVE-INF-01_20250710	SOIL_VAPOR	1885 ATLANTIC AVE., BROOKLYN, NY	07/10/25 10:40	07/10/25
L2543344-03	SVE-INF-02_20250710	SOIL_VAPOR	1885 ATLANTIC AVE., BROOKLYN, NY	07/10/25 12:40	07/10/25
L2543344-04	SVE-EFF-02_20250710	SOIL_VAPOR	1885 ATLANTIC AVE., BROOKLYN, NY	07/10/25 12:45	07/10/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Volatile Organics in Air

L2543344-01 through -04: Samples were transferred from a Tedlar bag into a fused silica lined canister upon receipt in order to extend the holding time for analysis.

L2543344-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2543344-02D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2543344-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J Anderson Report Date: 07/16/25

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

ND or U - Not detected at the reporting limit (RL) for the sample.

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Pace Job Number : L2543344

Account Name : Haley & Aldrich
Project Number : 0205125
Project Name : 1885 ATLANTIC AVE.

Received : 10-JUL-2025
Reviewer : Christopher J Anderson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Jul 16 2025, 05:44 pm

Login Number: L2543344
Account: HALEY-NYC Haley & AldrichProject: 0205125
Received: 10JUL25 Due Date: 17JUL25

Sample #	Client ID	Mat	PR	Collected
L2543344-01	SVE-EFF-01_20250710	11	S0	10JUL25 10:45
| ASP-B Package Due Date: 07/17/25				
ASP-B,TEDLAR-POLY5,TO15-LL				
L2543344-02	SVE-INF-01_20250710	11	S0	10JUL25 10:40
| Package Due Date: 07/17/25				
TEDLAR-POLY5,TO15-LL				
L2543344-03	SVE-INF-02_20250710	11	S0	10JUL25 12:40
| Package Due Date: 07/17/25				
TEDLAR-POLY5,TO15-LL				
L2543344-04	SVE-EFF-02_20250710	11	S0	10JUL25 12:45
| Package Due Date: 07/17/25				
TEDLAR-POLY5,TO15-LL				

Logged By: Christopher J Anderson

AIR ANALYSIS

Pace ANALYTICAL SERVICES — CHAIN OF CUSTODY

PAGE 1 OF 1

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/11/25

Pace® Job #: L2543344

Client Information

Client: Haley Aldrich of New York
Address: 213 W 35th St 7th Floor
New York, NY 10001
Phone: 973-658 3904
Fax:
Email: mforshay@haleyaldrich.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: 1585 Atlantic Ave
Project Location: 1585 Atlantic Ave, Brooklyn, NY
Project #: 0205125
Project Manager: Matt Forshay
Pace® Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS: TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
43344-01	SVE-EFF-01-20250710	7/10/25	10:45				SV	ZCR		—	—	X					SL Tedlar Bags
02	SVE-INF-01-20250710	7/10/25	10:40				SV	ZCR		—	—	X					SL Tedlar Bags
03	SVE-INF02-20250710	7/10/25	12:40				SV	ZCR		—	—	X					SL Tedlar Bags
04	SVE-EFF-02-20250710	7/10/25	12:45				SV	ZCR		—	—	X					SL Tedlar Bags

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Zavier Richards SSMe	7/10/25	SSMe Pace	7-10-25 1622
Anthony Green	7.10.25 1422	Anthony Green	JUL 10 2025 2100
Chain 7/11/25 0630		7/11/25 0220	7/11/25 0630

Form No: 101-02 Rev: (25-Sep-15)

Supporting Documentation

Project Name: 1885 ATLANTIC AVE.

Project Number: 0205125

Lab Number: L2543344

Report Date: 07/16/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD

Organics

Volatile Organics in Air
TO-15 Low Level

Volatiles QC Summary

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2543344
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Matrix (Level)	: SOIL_VAPOR (LOW)		
LCS Sample ID	: WG2090986-3 **Analysis Date** : 07/15/25 12:39	**File ID**	: R264944
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
Dichlorodifluoromethane	10	10.5	105				-	70-130	-
Chloromethane	10	8.86	89				-	70-130	-
Freon-114	10	11.6	116				-	70-130	-
Vinyl chloride	10	9.86	99				-	70-130	-
1,3-Butadiene	10	9.18	92				-	70-130	-
Bromomethane	10	11.4	114				-	70-130	-
Chloroethane	10	10.2	102				-	70-130	-
Ethanol	50	34.7	69				-	40-160	-
Vinyl bromide	10	11.1	111				-	70-130	-
Acetone	50	42.0	84				-	40-160	-
Trichlorofluoromethane	10	12.3	123				-	70-130	-
Isopropanol	25	19.3	77				-	40-160	-
1,1-Dichloroethene	10	10.7	107				-	70-130	-
Tertiary butyl Alcohol	10	8.38	84				-	70-130	-
Methylene chloride	10	11.5	115				-	70-130	-
3-Chloropropene	10	10.1	101				-	70-130	-
Carbon disulfide	10	11.0	110				-	70-130	-
Freon-113	10	12.7	127				-	70-130	-
trans-1,2-Dichloroethene	10	11.4	114				-	70-130	-
1,1-Dichloroethane	10	11.8	118				-	70-130	-
Methyl tert butyl ether	10	11.5	115				-	70-130	-
2-Butanone	10	9.40	94				-	70-130	-
cis-1,2-Dichloroethene	10	11.1	111				-	70-130	-
Ethyl Acetate	10	9.05	90				-	70-130	-
Chloroform	10	11.7	117				-	70-130	-
Tetrahydrofuran	10	9.82	98				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2543344
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Matrix (Level)	: SOIL_VAPOR (LOW)		
LCS Sample ID	: WG2090986-3 **Analysis Date** : 07/15/25 12:39	**File ID**	: R264944
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dichloroethane	10	11.1	111				-	70-130	-
n-Hexane	10	10.2	102				-	70-130	-
1,1,1-Trichloroethane	10	10.7	107				-	70-130	-
Benzene	10	10.6	106				-	70-130	-
Carbon tetrachloride	10	10.4	104				-	70-130	-
Cyclohexane	10	9.76	98				-	70-130	-
1,2-Dichloropropane	10	10.2	102				-	70-130	-
Bromodichloromethane	10	10.6	106				-	70-130	-
1,4-Dioxane	10	10.4	104				-	70-130	-
Trichloroethene	10	10.9	109				-	70-130	-
2,2,4-Trimethylpentane	10	10.1	101				-	70-130	-
Heptane	10	9.32	93				-	70-130	-
cis-1,3-Dichloropropene	10	11.1	111				-	70-130	-
4-Methyl-2-pentanone	10	9.65	96				-	70-130	-
trans-1,3-Dichloropropene	10	11.7	117				-	70-130	-
1,1,2-Trichloroethane	10	10.7	107				-	70-130	-
Toluene	10	11.9	119				-	70-130	-
2-Hexanone	10	10.2	102				-	70-130	-
Dibromochloromethane	10	11.8	118				-	70-130	-
1,2-Dibromoethane	10	12.4	124				-	70-130	-
Tetrachloroethene	10	11.9	119				-	70-130	-
Chlorobenzene	10	11.6	116				-	70-130	-
Ethylbenzene	10	10.6	106				-	70-130	-
p/m-Xylene	20	21.1	106				-	70-130	-
Bromoform	10	11.1	111				-	70-130	-
Styrene	10	11.0	110				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2543344
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Matrix (Level)	: SOIL_VAPOR (LOW)		
LCS Sample ID	: WG2090986-3 **Analysis Date** : 07/15/25 12:39	**File ID**	: R264944
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,1,2,2-Tetrachloroethane	10	11.2	112				-	70-130	-
o-Xylene	10	11.0	110				-	70-130	-
4-Ethyltoluene	10	11.4	114				-	70-130	-
1,3,5-Trimethylbenzene	10	11.3	113				-	70-130	-
1,2,4-Trimethylbenzene	10	11.5	115				-	70-130	-
Benzyl chloride	10	7.65	76				-	70-130	-
1,3-Dichlorobenzene	10	11.3	113				-	70-130	-
1,4-Dichlorobenzene	10	11.7	117				-	70-130	-
1,2-Dichlorobenzene	10	11.2	112				-	70-130	-
1,2,4-Trichlorobenzene	10	10.4	104				-	70-130	-
Naphthalene	10	9.30	93				-	70-130	-
Hexachlorobutadiene	10	10.3	103				-	70-130	-

Method Blank Summary
Form 4
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2543344
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Lab Sample ID	: WG2090986-4	**Lab File ID**	: R264946
Instrument ID	: AIRLAB26		
Matrix	: SOIL_VAPOR	**Analysis Date**	: 07/15/25 17:48

Client Sample No.	Lab Sample ID	Analysis Date
WG2090986-3LCS	WG2090986-3	07/15/25 12:39
AIR DUMMY 464DUP	WG2090986-5D	07/16/25 01:19
SVE-EFF-01_20250710	L2543344-01	07/16/25 03:28
SVE-EFF-02_20250710	L2543344-04	07/16/25 04:01
SVE-INF-01_20250710	L2543344-02D	07/16/25 04:32
SVE-INF-02_20250710	L2543344-03D	07/16/25 05:02
SVE-INF-01_20250710	L2543344-02D	07/16/25 08:17

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2543344
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB26	**Analysis Date**	: 07/09/25 14:24
Tune Standard	: WG2089114-1	**Tune File ID**	: R264808_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	17.5
75	30.0 - 66.0% of mass 95	47.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0 (0)1
174	50.0 - 120.0% of mass 95	75.6
175	4.0 - 9.0% of mass 174	5.3 (7)1
176	93.0 - 101% of mass 174	72.6 (96.1)1
177	5.0 - 9.0% of mass 176	4.9 (6.8)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.2	R1986439-1	R264812	07/09/25 16:37
STD0.5	R1986439-2	R264813	07/09/25 17:13
STD1.0	R1986439-3	R264814	07/09/25 17:52
STD5.0	R1986439-4	R264815	07/09/25 19:33
STD010	R1986439-5	R264816	07/09/25 20:12
STD020	R1986439-6	R264817	07/09/25 20:48
STD050	R1986439-7	R264818	07/09/25 21:25
STD100	R1986439-8	R264819	07/09/25 22:05
ICV QUANT	R1986439-9	R264822	07/10/25 10:39

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2543344
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB26	**Analysis Date**	: 07/15/25 11:21
Tune Standard	: WG2090986-1	**Tune File ID**	: R264942_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	18.2
75	30.0 - 66.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.6 (.7)1
174	50.0 - 120.0% of mass 95	79.1
175	4.0 - 9.0% of mass 174	6 (7.6)1
176	93.0 - 101% of mass 174	76.2 (96.4)1
177	5.0 - 9.0% of mass 176	5.1 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2090986-2CCAL	WG2090986-2	R264943	07/15/25 12:00
WG2090986-3LCS	WG2090986-3	R264944	07/15/25 12:39
WG2090986-4BLANK	WG2090986-4	R264946	07/15/25 17:48
WG2090986-5DUP	WG2090986-5D	R264960	07/16/25 01:19
SVE-EFF-01_20250710	L2543344-01	R264964	07/16/25 03:28
SVE-EFF-02_20250710	L2543344-04	R264965	07/16/25 04:01
SVE-INF-01_20250710	L2543344-02D	R264966	07/16/25 04:32
SVE-INF-02_20250710	L2543344-03D	R264967	07/16/25 05:02
SVE-INF-01_20250710	L2543344-02D	R264971	07/16/25 08:17

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2543344
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB26	**Analysis Date**	: 07/15/25 12:00:00
Sample No	: WG2090986-2	**Lab File ID**	: R264943

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG2090986-2	189637	3.51	667401	4.37	107009	6.46
Upper Limit	265492	3.84	934361	4.70	149813	6.79
Lower Limit	113782	3.18	400441	4.04	64205	6.13
Sample ID						
WG2090986-3 LCS	217481	3.51	754619	4.37	113937	6.46
WG2090986-4 BLANK	211435	3.51	665141	4.38	103242	6.46
AIR DUMMY 464 DUP	195028	3.51	688955	4.38	103565	6.46
SVE-EFF-01_20250710	209418	3.51	728704	4.38	119287	6.46
SVE-EFF-02_20250710	182364	3.52	647332	4.38	102968	6.46
SVE-INF-01_20250710	197176	3.51	656245	4.37	118170	6.46
SVE-INF-02_20250710	206253	3.52	732025	4.38	121525	6.46
SVE-INF-01_20250710	187621	3.51	669702	4.37	101992	6.46

Area Upper Limit = +40% of internal standard area
Area Lower Limit = - 40% of internal standard area

RT Upper Limit = +0.33 minutes of internal standard RT
RT Lower Limit = -0.33 minutes of internal standard RT

* Values outside of QC limits

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19301-1
Page: 1

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,1,1-Trichloroethane	71-55-6	0.2	0.0614	ppbV	70-130			25	25			
1,1,2,2-Tetrachloroethane	79-34-5	0.2	0.052	ppbV	70-130			25	25			
1,1,2-Trichloroethane	79-00-5	0.2	0.0582	ppbV	70-130			25	25			
1,1-Dichloroethane	75-34-3	0.2	0.0568	ppbV	70-130			25	25			
1,1-Dichloroethene	75-35-4	0.2	0.0568	ppbV	70-130			25	25			
1,2,3-Trimethylbenzene	526-73-8	0.2	0.0576	ppbV	70-130			25	25			
1,2,4-Trichlorobenzene	120-82-1	0.2	0.1	ppbV	70-130			25	25			
1,2,4-Trimethylbenzene	95-63-6	0.2	0.0577	ppbV	70-130			25	25			
1,2,4,5-Tetramethylbenzene	95-93-2	0.2	0.135	ppbV	70-130			25	25			
1,2-Dibromoethane	106-93-4	0.2	0.0544	ppbV	70-130			25	25			
1,2-Dichlorobenzene	95-50-1	0.2	0.0619	ppbV	70-130			25	25			
1,2-Dichloroethane	107-06-2	0.2	0.0787	ppbV	70-130			25	25			
1,2-Dichloropropane	78-87-5	0.2	0.0631	ppbV	70-130			25	25			
1,3,5-Trimethylbenzene	108-67-8	0.2	0.06	ppbV	70-130			25	25			
1,3-Butadiene	106-99-0	0.2	0.0619	ppbV	70-130			25	25			
1,3-Dichlorobenzene	541-73-1	0.2	0.0777	ppbV	70-130			25	25			
1,4-Dichlorobenzene	106-46-7	0.2	0.0826	ppbV	70-130			25	25			
1,4-Dioxane	123-91-1	0.2	0.0538	ppbV	70-130			25	25			
2,2,4-Trimethylpentane	540-84-1	0.2	0.0692	ppbV	70-130			25	25			
2-Butanone	78-93-3	0.5	0.099	ppbV	70-130			25	25			
2-Hexanone	591-78-6	0.2	0.0912	ppbV	70-130			25	25			
2-Methylthiophene	554-14-3	0.2	0.0622	ppbV	70-130			25	25			
3-Methylthiophene	616-44-4	0.2	0.0634	ppbV	70-130			25	25			
3-Chloropropene	107-05-1	0.2	0.086	ppbV	70-130			25	25			
2-Ethylthiophene	872-55-9	0.2	0.0612	ppbV	70-130			25	25			
4-Ethyltoluene	622-96-8	0.2	0.0554	ppbV	70-130			25	25			
Acetone	67-64-1	1	0.515	ppbV	40-160			25	25			
Benzene	71-43-2	0.2	0.0643	ppbV	70-130			25	25			
Benzyl chloride	100-44-7	0.2	0.0939	ppbV	70-130			25	25			
Benzothiophene	95-15-8	0.5	0.273	ppbV	70-130			25	25			
Bromodichloromethane	75-27-4	0.2	0.0689	ppbV	70-130			25	25			
Bromoform	75-25-2	0.2	0.0596	ppbV	70-130			25	25			
Bromomethane	74-83-9	0.2	0.0547	ppbV	70-130			25	25			
Carbon disulfide	75-15-0	0.2	0.0465	ppbV	70-130			25	25			
Carbon tetrachloride	56-23-5	0.2	0.0686	ppbV	70-130			25	25			
Chlorobenzene	108-90-7	0.2	0.0516	ppbV	70-130			25	25			
Chloroethane	75-00-3	0.2	0.0649	ppbV	70-130			25	25			
Chloroform	67-66-3	0.2	0.0552	ppbV	70-130			25	25			
Chloromethane	74-87-3	0.2	0.0576	ppbV	70-130			25	25			
cis-1,2-Dichloroethene	156-59-2	0.2	0.0595	ppbV	70-130			25	25			
cis-1,3-Dichloropropene	10061-01-5	0.2	0.0674	ppbV	70-130			25	25			
Cyclohexane	110-82-7	0.2	0.0728	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibromochloromethane	124-48-1	0.2	0.0566	ppbV	70-130			25	25			
Dichlorodifluoromethane	75-71-8	0.2	0.0757	ppbV	70-130			25	25			
Ethyl Alcohol	GCDAI06	5	1.74	ppbV	40-160			25	25			
Ethyl Acetate	141-78-6	0.5	0.297	ppbV	70-130			25	25			
Ethylbenzene	100-41-4	0.2	0.0575	ppbV	70-130			25	25			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	0.2	0.0506	ppbV	70-130			25	25			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	0.2	0.0504	ppbV	70-130			25	25			
Hexachlorobutadiene	87-68-3	0.2	0.0607	ppbV	70-130			25	25			
iso-Propyl Alcohol	67-63-0	1	0.272	ppbV	40-160			25	25			
Methylene chloride	75-09-2	0.5	0.125	ppbV	70-130			25	25			
4-Methyl-2-pentanone	108-10-1	0.5	0.19	ppbV	70-130			25	25			
Methyl tert butyl ether	1634-04-4	0.2	0.045	ppbV	70-130			25	25			
Methyl Methacrylate	80-62-6	0.5	0.226	ppbV	40-160			25	25			
p/m-Xylene	179601-23-1	0.4	0.125	ppbV	70-130			25	25			
o-Xylene	95-47-6	0.2	0.0621	ppbV	70-130			25	25			
Xylene (Total)	1330-20-7	0.2	0.0621	ppbV				25	25			
Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Hexane	110-54-3	0.2	0.0743	ppbV	70-130			25	25			
Propylene	115-07-1	0.5	0.135	ppbV	70-130			25	25			
Styrene	100-42-5	0.2	0.0596	ppbV	70-130			25	25			
Tetrachloroethene	127-18-4	0.2	0.0627	ppbV	70-130			25	25			
Thiophene	110-02-1	0.2	0.052	ppbV	70-130			25	25			
Tetrahydrofuran	109-99-9	0.5	0.117	ppbV	70-130			25	25			
Toluene	108-88-3	0.2	0.0867	ppbV	70-130			25	25			
trans-1,2-Dichloroethene	156-60-5	0.2	0.0755	ppbV	70-130			25	25			
1,2-Dichloroethene (total)	540-59-0	0.2	0.0595	ppbV				25	25			
trans-1,3-Dichloropropene	10061-02-6	0.2	0.0783	ppbV	70-130			25	25			
1,3-Dichloropropene, Total	542-75-6	0.2	0.0674	ppbV				25	25			
Trichloroethene	79-01-6	0.2	0.0548	ppbV	70-130			25	25			
Trichlorofluoromethane	75-69-4	0.2	0.0787	ppbV	70-130			25	25			
Vinyl acetate	108-05-4	1	0.323	ppbV	70-130			25	25			
Vinyl bromide	593-60-2	0.2	0.0722	ppbV	70-130			25	25			
Vinyl chloride	75-01-4	0.2	0.0582	ppbV	70-130			25	25			
Naphthalene	91-20-3	0.19	0.059	ppbV	70-130			25	25			
Total HC As Hexane	NONE	10	0.0743	ppbV	70-130			25	25			
Total VOCs As Toluene	NONE	10	0.0867	ppbV	70-130			25	25			
Propane	74-98-6	0.5	0.152	ppbV	70-130			25	25			
Acrylonitrile	107-13-1	0.5	0.0894	ppbV	70-130			25	25			
Acrolein	107-02-8	0.5	0.149	ppbV	60-113			25	25			
1,1,1,2-Tetrachloroethane	630-20-6	0.2	0.0508	ppbV	70-130			25	25			
Isopropylbenzene	98-82-8	0.2	0.0621	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,2,3-Trichloropropane	96-18-4	0.2	0.0575	ppbV	70-130			25	25			
Acetonitrile	75-05-8	0.2	0.101	ppbV	70-130			25	25			
Bromobenzene	108-86-1	0.2	0.0579	ppbV	70-130			25	25			
Chlorodifluoromethane	75-45-6	0.2	0.0463	ppbV	70-130			25	25			
Dichlorofluoromethane	75-43-4	0.2	0.112	ppbV	70-130			25	25			
Dibromomethane	74-95-3	0.2	0.0598	ppbV	70-130			25	25			
Pentane	109-66-0	0.2	0.113	ppbV	70-130			25	25			
Octane	111-65-9	0.2	0.0676	ppbV	70-130			25	25			
Tertiary-Amyl Methyl Ether	994-05-8	0.2	0.0672	ppbV	70-130			25	25			
o-Chlorotoluene	95-49-8	0.2	0.0761	ppbV	70-130			25	25			
p-Chlorotoluene	106-43-4	0.2	0.0765	ppbV	70-130			25	25			
2,2-Dichloropropane	594-20-7	0.2	0.0429	ppbV	70-130			25	25			
1,1-Dichloropropene	563-58-6	0.2	0.0593	ppbV	70-130			25	25			
Isopropyl Ether	108-20-3	0.2	0.0631	ppbV	70-130			25	25			
Ethyl-Tert-Butyl-Ether	637-92-3	0.2	0.0731	ppbV	70-130			25	25			
1,2,3-Trichlorobenzene	87-61-6	0.2	0.0738	ppbV	70-130			25	25			
Ethyl ether	60-29-7	0.2	0.0853	ppbV	70-130			25	25			
n-Butylbenzene	104-51-8	0.2	0.0536	ppbV	70-130			25	25			
sec-Butylbenzene	135-98-8	0.2	0.0547	ppbV	70-130			25	25			
tert-Butylbenzene	98-06-6	0.2	0.0551	ppbV	70-130			25	25			
1,2-Dibromo-3-chloropropane	96-12-8	0.2	0.0624	ppbV	70-130			25	25			
p-Isopropyltoluene	99-87-6	0.2	0.0567	ppbV	70-130			25	25			
n-Propylbenzene	103-65-1	0.2	0.0633	ppbV	70-130			25	25			
1,3-Dichloropropane	142-28-9	0.2	0.0536	ppbV	70-130			25	25			
Methanol	67-56-1	5	3.029	ppbV	70-130			25	25			
Acetaldehyde	75-07-0	2.5	1.73	ppbV	70-130			25	25			
Butane	106-97-8	0.2	0.08	ppbV	70-130			25	25			
Nonane (C9)	111-84-2	0.2	0.0737	ppbV	70-130			25	25			
Decane (C10)	124-18-5	0.2	0.0697	ppbV	70-130			25	25			
Undecane	1120-21-4	0.2	0.0709	ppbV	70-130			25	25			
Indane	496-11-7	0.2	0.0591	ppbV	70-130			25	25			
Indene	95-13-6	0.2	0.0711	ppbV	70-130			25	25			
1-Methylnaphthalene	90-12-0	1	0.264	ppbV	70-130			25	25			
Dodecane (C12)	112-40-3	0.2	0.0891	ppbV	70-130			25	25			
Butyl Acetate	123-86-4	0.5	0.208	ppbV	70-130			25	25			
tert-Butyl Alcohol	75-65-0	0.5	0.132	ppbV	70-130			25	25			
2-Methylnaphthalene	91-57-6	1	0.259	ppbV	70-130			25	25			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
Bromofluorobenzene	*460-00-4*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2543344-01	Date Collected	: 07/10/25 10:45
Client ID	: SVE-EFF-01_20250710	Date Received	: 07/10/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 07/16/25 03:28
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264964	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.988	0.200	--	4.89	0.989	--	
74-87-3	Chloromethane	0.329	0.200	--	0.679	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	8.90	5.00	--	16.8	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	12.3	1.00	--	29.2	2.38	--	
75-69-4	Trichlorofluoromethane	1.24	0.200	--	6.97	1.12	--	
67-63-0	Isopropanol	13.0	1.00	--	32.0	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	4.57	0.500	--	15.9	1.74	--	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	0.555	0.500	--	1.64	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2543344-01	Date Collected	: 07/10/25 10:45
Client ID	: SVE-EFF-01_20250710	Date Received	: 07/10/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 07/16/25 03:28
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264964	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	7.38	0.200	--	26.0	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	0.861	0.200	--	5.42	1.26	--	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.307	0.200	--	1.16	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	2.36	0.200	--	16.0	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2543344-01	Date Collected	: 07/10/25 10:45
Client ID	: SVE-EFF-01_20250710	Date Received	: 07/10/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 07/16/25 03:28
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264964	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2543344-02D	Date Collected	: 07/10/25 10:40
Client ID	: SVE-INF-01_20250710	Date Received	: 07/10/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 07/16/25 04:32
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.429
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264966	Instrument ID	: AIRLAB26
Sample Amount	: 175 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.516	0.286	--	2.55	1.41	--	
74-87-3	Chloromethane	ND	0.286	--	ND	0.591	--	U
76-14-2	Freon-114	ND	0.286	--	ND	2.00	--	U
75-01-4	Vinyl chloride	ND	0.286	--	ND	0.731	--	U
106-99-0	1,3-Butadiene	ND	0.286	--	ND	0.633	--	U
74-83-9	Bromomethane	ND	0.286	--	ND	1.11	--	U
75-00-3	Chloroethane	ND	0.286	--	ND	0.755	--	U
64-17-5	Ethanol	ND	7.14	--	ND	13.5	--	U
593-60-2	Vinyl bromide	ND	0.286	--	ND	1.25	--	U
67-64-1	Acetone	ND	1.43	--	ND	3.40	--	U
75-69-4	Trichlorofluoromethane	0.307	0.286	--	1.73	1.61	--	
67-63-0	Isopropanol	16.2	1.43	--	39.8	3.52	--	
75-35-4	1,1-Dichloroethene	ND	0.286	--	ND	1.13	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.714	--	ND	2.16	--	U
75-09-2	Methylene chloride	5.41	0.714	--	18.8	2.48	--	
107-05-1	3-Chloropropene	ND	0.286	--	ND	0.895	--	U
75-15-0	Carbon disulfide	ND	0.286	--	ND	0.891	--	U
76-13-1	Freon-113	ND	0.286	--	ND	2.19	--	U
156-60-5	trans-1,2-Dichloroethene	0.965	0.286	--	3.83	1.13	--	
75-34-3	1,1-Dichloroethane	ND	0.286	--	ND	1.16	--	U
1634-04-4	Methyl tert butyl ether	ND	0.286	--	ND	1.03	--	U
78-93-3	2-Butanone	3.12	0.714	--	9.20	2.11	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.286	--	ND	1.13	--	U
141-78-6	Ethyl Acetate	ND	0.714	--	ND	2.57	--	U
67-66-3	Chloroform	1.60	0.286	--	7.81	1.40	--	
109-99-9	Tetrahydrofuran	16.8	0.714	--	49.5	2.11	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2543344-02D	Date Collected	: 07/10/25 10:40
Client ID	: SVE-INF-01_20250710	Date Received	: 07/10/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 07/16/25 04:32
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.429
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264966	Instrument ID	: AIRLAB26
Sample Amount	: 175 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.286	--	ND	1.16	--	U
110-54-3	n-Hexane	193	0.286	--	680	1.01	--	E
71-55-6	1,1,1-Trichloroethane	ND	0.286	--	ND	1.56	--	U
71-43-2	Benzene	3.68	0.286	--	11.8	0.914	--	
56-23-5	Carbon tetrachloride	ND	0.286	--	ND	1.80	--	U
110-82-7	Cyclohexane	30.9	0.286	--	106	0.984	--	
78-87-5	1,2-Dichloropropane	ND	0.286	--	ND	1.32	--	U
75-27-4	Bromodichloromethane	ND	0.286	--	ND	1.92	--	U
123-91-1	1,4-Dioxane	ND	0.286	--	ND	1.03	--	U
79-01-6	Trichloroethene	ND	0.286	--	ND	1.54	--	U
540-84-1	2,2,4-Trimethylpentane	108	0.286	--	504	1.34	--	
142-82-5	Heptane	37.2	0.286	--	152	1.17	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.286	--	ND	1.30	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.714	--	ND	2.93	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.286	--	ND	1.30	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.286	--	ND	1.56	--	U
108-88-3	Toluene	9.21	0.286	--	34.7	1.08	--	
591-78-6	2-Hexanone	ND	0.286	--	ND	1.17	--	U
124-48-1	Dibromochloromethane	ND	0.286	--	ND	2.44	--	U
106-93-4	1,2-Dibromoethane	ND	0.286	--	ND	2.20	--	U
127-18-4	Tetrachloroethene	0.558	0.286	--	3.78	1.94	--	
108-90-7	Chlorobenzene	ND	0.286	--	ND	1.32	--	U
100-41-4	Ethylbenzene	1.19	0.286	--	5.17	1.24	--	
179601-23-1	p/m-Xylene	39.2	0.571	--	170	2.48	--	
75-25-2	Bromoform	ND	0.286	--	ND	2.96	--	U
100-42-5	Styrene	ND	0.286	--	ND	1.22	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2543344-02D	Date Collected	: 07/10/25 10:40
Client ID	: SVE-INF-01_20250710	Date Received	: 07/10/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 07/16/25 04:32
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.429
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264966	Instrument ID	: AIRLAB26
Sample Amount	: 175 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.286	--	ND	1.96	--	U
95-47-6	o-Xylene	22.5	0.286	--	97.7	1.24	--	
622-96-8	4-Ethyltoluene	5.02	0.286	--	24.7	1.41	--	
108-67-8	1,3,5-Trimethylbenzene	16.3	0.286	--	80.1	1.41	--	
95-63-6	1,2,4-Trimethylbenzene	19.3	0.286	--	94.9	1.41	--	
100-44-7	Benzyl chloride	ND	0.286	--	ND	1.48	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.286	--	ND	1.72	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.286	--	ND	1.72	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.286	--	ND	1.72	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.286	--	ND	2.12	--	U
91-20-3	Naphthalene	ND	0.271	--	ND	1.42	--	U
87-68-3	Hexachlorobutadiene	ND	0.286	--	ND	3.05	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	**Lab Number**	: L2543344
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Lab ID	: L2543344-02D	**Date Collected**	: 07/10/25 10:40
Client ID	: SVE-INF-01_20250710	**Date Received**	: 07/10/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	**Date Analyzed**	: 07/16/25 08:17
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 10
Analytical Method	: 48,TO-15	**Analyst**	: RAY
Lab File ID	: R264971	**Instrument ID**	: AIRLAB26
Sample Amount	: 25.0 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
110-54-3	n-Hexane	196	2.00	--	691	7.05	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2543344-03D	Date Collected	: 07/10/25 12:40
Client ID	: SVE-INF-02_20250710	Date Received	: 07/10/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 07/16/25 05:02
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 10
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264967	Instrument ID	: AIRLAB26
Sample Amount	: 25.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--	U
74-87-3	Chloromethane	ND	2.00	--	ND	4.13	--	U
76-14-2	Freon-114	ND	2.00	--	ND	14.0	--	U
75-01-4	Vinyl chloride	ND	2.00	--	ND	5.11	--	U
106-99-0	1,3-Butadiene	ND	2.00	--	ND	4.42	--	U
74-83-9	Bromomethane	ND	2.00	--	ND	7.77	--	U
75-00-3	Chloroethane	ND	2.00	--	ND	5.28	--	U
64-17-5	Ethanol	ND	50.0	--	ND	94.2	--	U
593-60-2	Vinyl bromide	ND	2.00	--	ND	8.74	--	U
67-64-1	Acetone	ND	10.0	--	ND	23.8	--	U
75-69-4	Trichlorofluoromethane	ND	2.00	--	ND	11.2	--	U
67-63-0	Isopropanol	13.5	10.0	--	33.2	24.6	--	
75-35-4	1,1-Dichloroethene	ND	2.00	--	ND	7.93	--	U
75-65-0	Tertiary butyl Alcohol	ND	5.00	--	ND	15.2	--	U
75-09-2	Methylene chloride	ND	5.00	--	ND	17.4	--	U
107-05-1	3-Chloropropene	ND	2.00	--	ND	6.26	--	U
75-15-0	Carbon disulfide	ND	2.00	--	ND	6.23	--	U
76-13-1	Freon-113	ND	2.00	--	ND	15.3	--	U
156-60-5	trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--	U
75-34-3	1,1-Dichloroethane	ND	2.00	--	ND	8.09	--	U
1634-04-4	Methyl tert butyl ether	ND	2.00	--	ND	7.21	--	U
78-93-3	2-Butanone	8.46	5.00	--	25.0	14.7	--	
156-59-2	cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--	U
141-78-6	Ethyl Acetate	ND	5.00	--	ND	18.0	--	U
67-66-3	Chloroform	ND	2.00	--	ND	9.77	--	U
109-99-9	Tetrahydrofuran	19.7	5.00	--	58.1	14.7	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2543344-03D	Date Collected	: 07/10/25 12:40
Client ID	: SVE-INF-02_20250710	Date Received	: 07/10/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 07/16/25 05:02
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 10
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264967	Instrument ID	: AIRLAB26
Sample Amount	: 25.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	2.00	--	ND	8.09	--	U
110-54-3	n-Hexane	60.5	2.00	--	213	7.05	--	
71-55-6	1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--	U
71-43-2	Benzene	14.0	2.00	--	44.7	6.39	--	
56-23-5	Carbon tetrachloride	ND	2.00	--	ND	12.6	--	U
110-82-7	Cyclohexane	44.4	2.00	--	153	6.88	--	
78-87-5	1,2-Dichloropropane	ND	2.00	--	ND	9.24	--	U
75-27-4	Bromodichloromethane	ND	2.00	--	ND	13.4	--	U
123-91-1	1,4-Dioxane	ND	2.00	--	ND	7.21	--	U
79-01-6	Trichloroethene	ND	2.00	--	ND	10.7	--	U
540-84-1	2,2,4-Trimethylpentane	736	2.00	--	3440	9.34	--	
142-82-5	Heptane	60.6	2.00	--	248	8.20	--	
10061-01-5	cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--	U
108-10-1	4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--	U
79-00-5	1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--	U
108-88-3	Toluene	16.4	2.00	--	61.8	7.54	--	
591-78-6	2-Hexanone	ND	2.00	--	ND	8.20	--	U
124-48-1	Dibromochloromethane	ND	2.00	--	ND	17.0	--	U
106-93-4	1,2-Dibromoethane	ND	2.00	--	ND	15.4	--	U
127-18-4	Tetrachloroethene	ND	2.00	--	ND	13.6	--	U
108-90-7	Chlorobenzene	ND	2.00	--	ND	9.21	--	U
100-41-4	Ethylbenzene	3.91	2.00	--	17.0	8.69	--	
179601-23-1	p/m-Xylene	87.2	4.00	--	379	17.4	--	
75-25-2	Bromoform	ND	2.00	--	ND	20.7	--	U
100-42-5	Styrene	ND	2.00	--	ND	8.52	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2543344-03D	Date Collected	: 07/10/25 12:40
Client ID	: SVE-INF-02_20250710	Date Received	: 07/10/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 07/16/25 05:02
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 10
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264967	Instrument ID	: AIRLAB26
Sample Amount	: 25.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--	U
95-47-6	o-Xylene	50.8	2.00	--	221	8.69	--	
622-96-8	4-Ethyltoluene	5.82	2.00	--	28.6	9.83	--	
108-67-8	1,3,5-Trimethylbenzene	36.4	2.00	--	179	9.83	--	
95-63-6	1,2,4-Trimethylbenzene	17.2	2.00	--	84.6	9.83	--	
100-44-7	Benzyl chloride	ND	2.00	--	ND	10.4	--	U
541-73-1	1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--	U
106-46-7	1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--	U
95-50-1	1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--	U
91-20-3	Naphthalene	ND	1.90	--	ND	9.96	--	U
87-68-3	Hexachlorobutadiene	ND	2.00	--	ND	21.3	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2543344-04	Date Collected	: 07/10/25 12:45
Client ID	: SVE-EFF-02_20250710	Date Received	: 07/10/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 07/16/25 04:01
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264965	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.963	0.200	--	4.76	0.989	--	
74-87-3	Chloromethane	0.292	0.200	--	0.603	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	9.76	5.00	--	18.4	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	14.4	1.00	--	34.2	2.38	--	
75-69-4	Trichlorofluoromethane	1.18	0.200	--	6.63	1.12	--	
67-63-0	Isopropanol	14.3	1.00	--	35.2	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	5.49	0.500	--	19.1	1.74	--	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	0.501	0.500	--	1.48	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2543344-04	Date Collected	: 07/10/25 12:45
Client ID	: SVE-EFF-02_20250710	Date Received	: 07/10/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 07/16/25 04:01
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264965	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	6.46	0.200	--	22.8	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	0.801	0.200	--	5.04	1.26	--	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2543344-04	Date Collected	: 07/10/25 12:45
Client ID	: SVE-EFF-02_20250710	Date Received	: 07/10/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 07/16/25 04:01
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264965	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: WG2090986-4	Date Collected	: NA
Client ID	: WG2090986-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/15/25 17:48
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264946	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: WG2090986-4	Date Collected	: NA
Client ID	: WG2090986-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/15/25 17:48
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264946	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2543344
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: WG2090986-4	Date Collected	: NA
Client ID	: WG2090986-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/15/25 17:48
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R264946	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264964.D
Acq On : 16 Jul 2025 03:28 am
Operator : AIRLAB26:RAY
Sample : L2543344-01,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 06:30:20 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	209418	10.000	ppbV	0.00
Standard Area = 189637			Recovery = 110.43%			
43) 1,4-difluorobenzene	4.375	114	728704	10.000	ppbV	0.00
Standard Area = 667401			Recovery = 109.19%			
67) chlorobenzene-D5	6.455	54	119287	10.000	ppbV	0.00
Standard Area = 107009			Recovery = 111.47%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.030	85	39914	0.988	ppbV	96
6) chloromethane	2.079	50	4127M3	0.329	ppbV	
7) Freon-114	2.118	85	3717	0.088	ppbV #	94
9) vinyl chloride	0.000		0	N.D.	d	
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.	d	
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.370	31	77426	8.896	ppbV	93
17) vinyl bromide	2.443		0	N.D.		
19) acetone	2.511	43	247295M2	12.329	ppbV	
21) trichlorofluoromethane	2.562	101	52373	1.244	ppbV	95
22) isopropyl alcohol	2.573	45	304965	13.013	ppbV	99
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	2.746	59	5163	0.137	ppbV #	80
28) methylene chloride	2.765	49	80040	4.567	ppbV	86
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	2.856	76	7720	0.182	ppbV #	1
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	3.067		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	3.292	43	16589M4	0.555	ppbV	
37) cis-1,2-dichloroethene	3.448	61	2446	0.105	ppbV	98
38) Ethyl Acetate	3.568	61	637	0.099	ppbV #	1
39) chloroform	3.568	83	2287	0.063	ppbV	97
40) Tetrahydrofuran	3.747	42	2928	0.198	ppbV #	81
42) 1,2-dichloroethane	0.000		0	N.D.	d	
44) hexane	3.553	57	191956	7.381	ppbV #	18

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264964.D
Acq On : 16 Jul 2025 03:28 am
Operator : AIRLAB26:RAY
Sample : L2543344-01,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 06:30:20 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	3.982	97	2689	0.066	ppbV #	94
50) benzene	4.186	78	3550	0.061	ppbV #	80
52) carbon tetrachloride	4.252	117	35689	0.861	ppbV	97
53) cyclohexane	4.318	56	2495	0.093	ppbV	92
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	4.686	130	5179	0.186	ppbV	93
60) 2,2,4-trimethylpentane	4.724		0	N.D.		
62) heptane	4.874	43	970	0.035	ppbV #	84
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	5.174	43	1590	0.044	ppbV	95
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	5.597	91	21994	0.307	ppbV	96
72) 2-hexanone	0.000		0	N.D.	d	
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	6.148	166	80012	2.363	ppbV	96
80) chlorobenzene	6.476		0	N.D.		
81) ethylbenzene	6.678		0	N.D.		
83) m+p-xylene	6.766	91	6806	0.089	ppbV #	76
84) bromoform	0.000		0	N.D.		
85) styrene	6.946	104	3129	0.057	ppbV	88
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
87) o-xylene	6.998	91	2837	0.039	ppbV	92
96) 4-ethyl toluene	7.643		0	N.D.		
97) 1,3,5-trimethylbenzene	7.691		0	N.D.		
99) 1,2,4-trimethylbenzene	7.899	105	3763	0.044	ppbV #	63
101) Benzyl Chloride	0.000		0	N.D.	d	
102) 1,3-dichlorobenzene	0.000		0	N.D.	d	
103) 1,4-dichlorobenzene	8.002		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
116) naphthalene	9.242	128	11701	0.087	ppbV	98
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264964.D
Acq On : 16 Jul 2025 03:28 am
Operator : AIRLAB26:RAY
Sample : L2543344-01,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 06:30:20 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

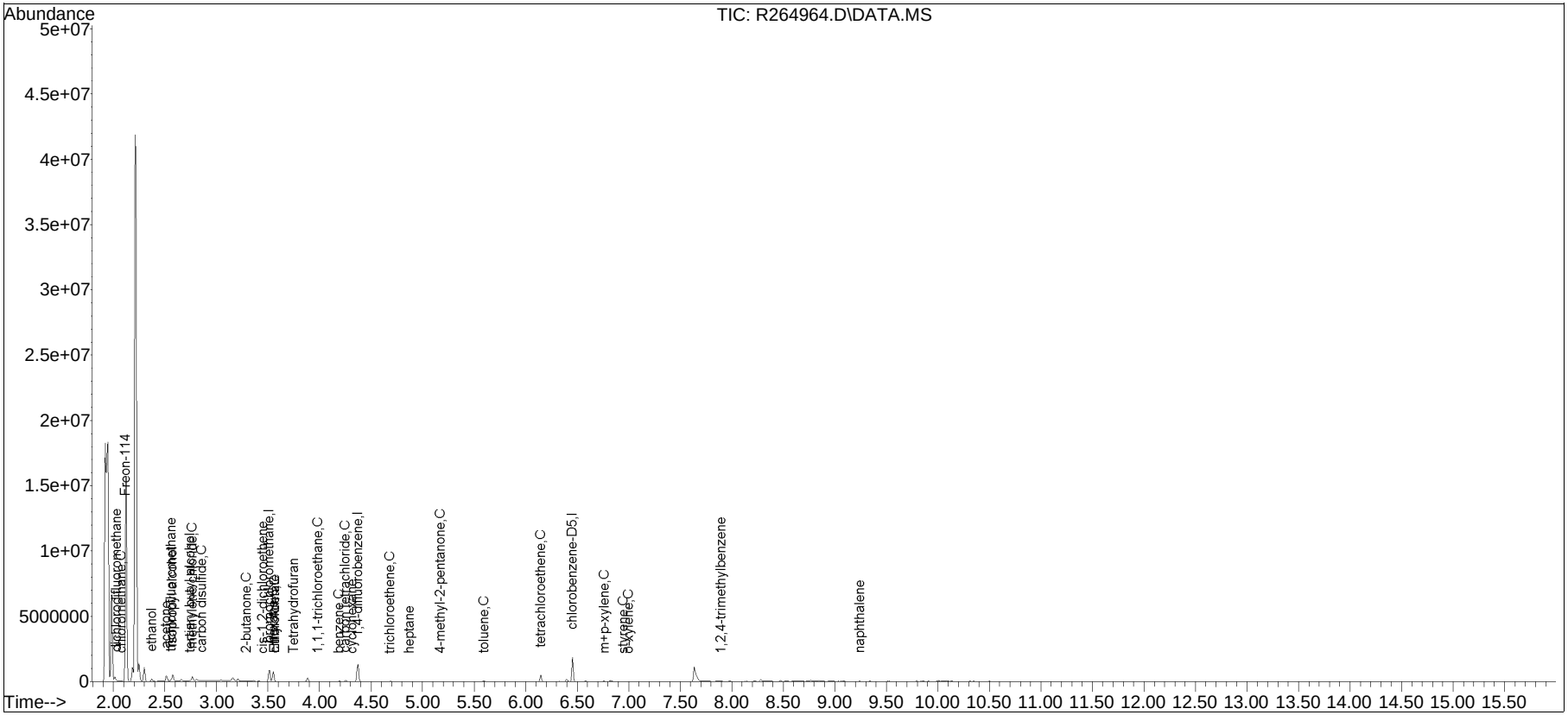
CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : TO15-NY+Naphthalene - .

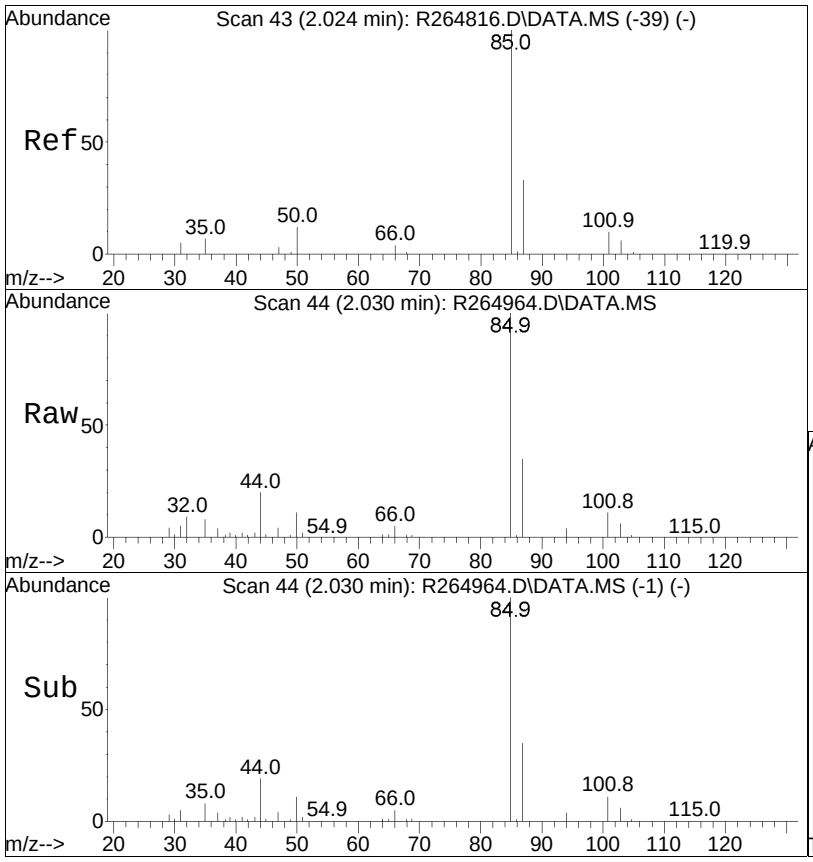
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\07\0715T\R264943.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264964.D
Acq On : 16 Jul 2025 03:28 am
Operator : AIRLAB26:RAY
Sample : L2543344-01,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 06:30:20 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

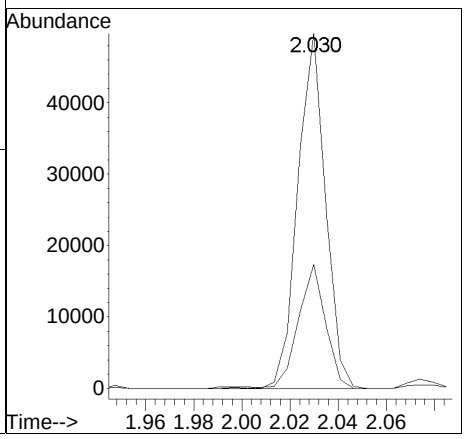


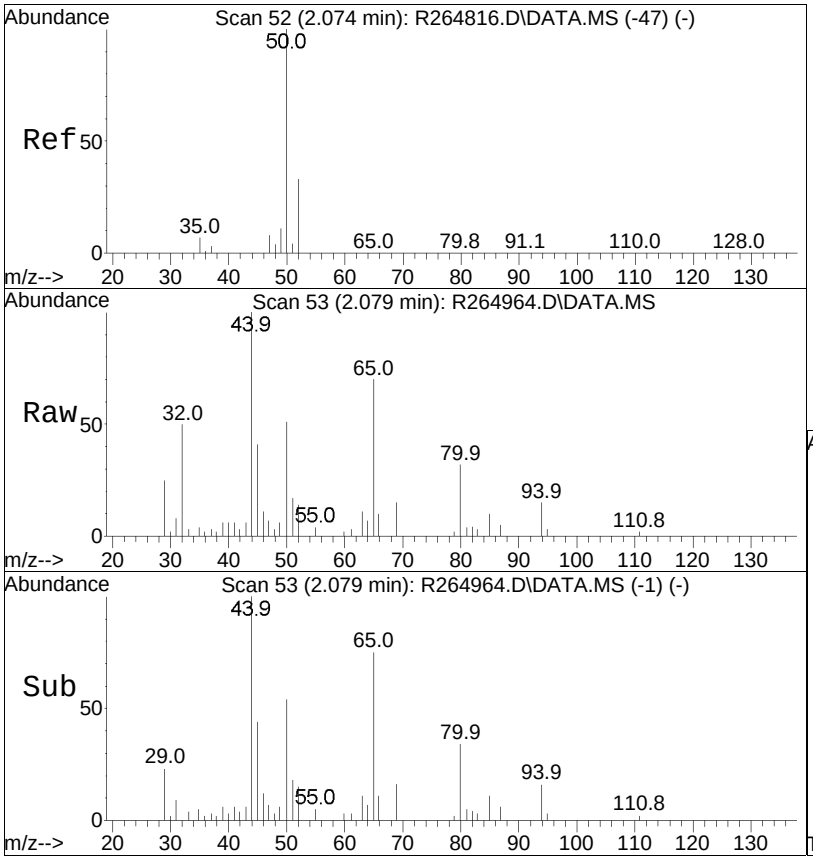


#5
dichlorodifluoromethane
Concen: 0.99 ppbV
RT: 2.030 min Scan# 44
Delta R.T. 0.005 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 85 Resp: 39914

Ion	Ratio	Lower	Upper
85	100		
87	34.9	26.1	39.1

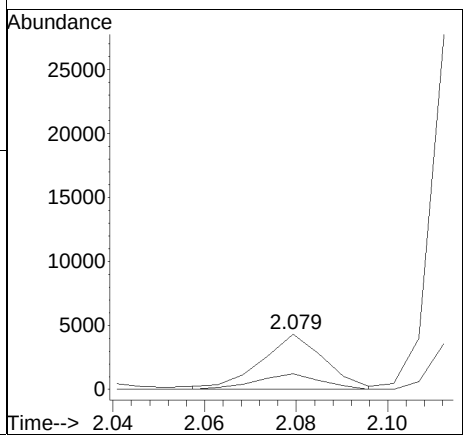


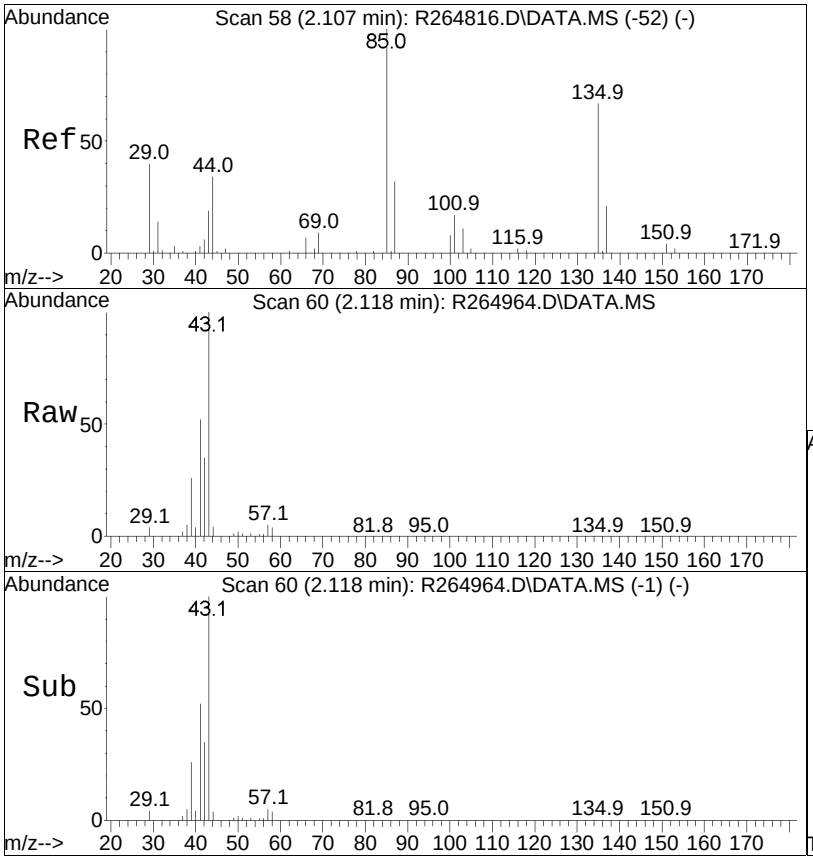


#6
chloromethane
Concen: 0.33 ppbV m
RT: 2.079 min Scan# 53
Delta R.T. 0.005 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 50 Resp: 4127

Ion	Ratio	Lower	Upper
50	100		
52	28.3	26.6	40.0

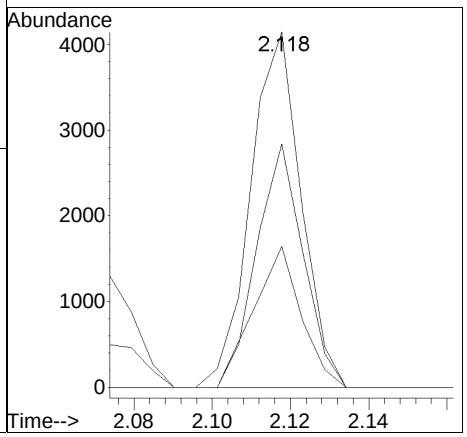


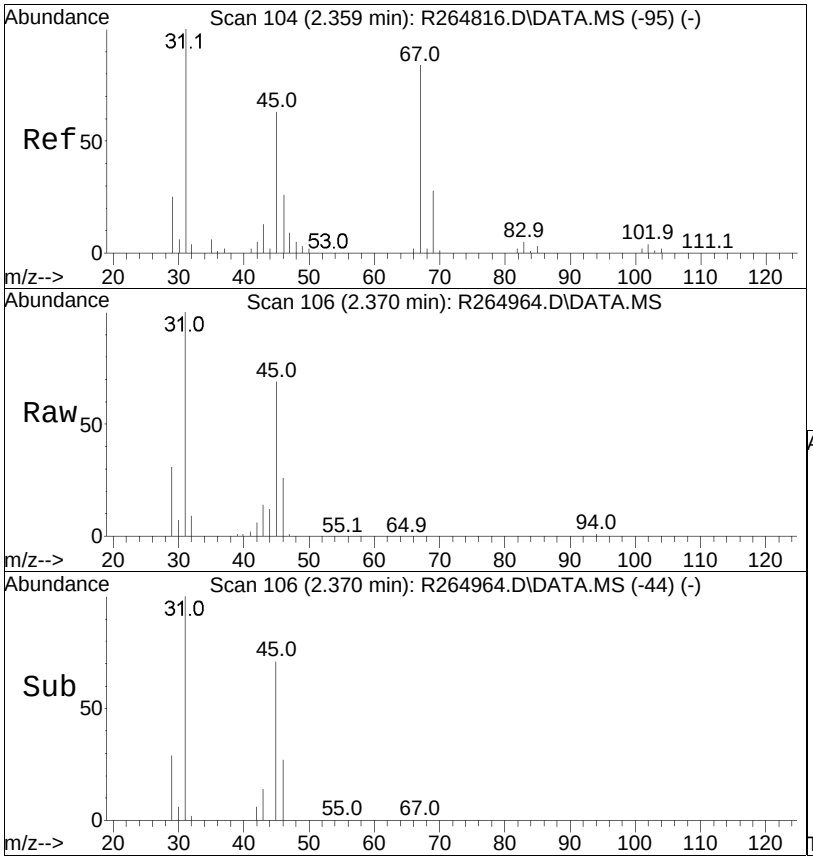


#7
Freon-114
Concen: 0.09 ppbV
RT: 2.118 min Scan# 60
Delta R.T. 0.011 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 85 Resp: 3717

Ion	Ratio	Lower	Upper
85	100		
87	39.7	25.8	38.6#
135	68.5	53.6	80.4

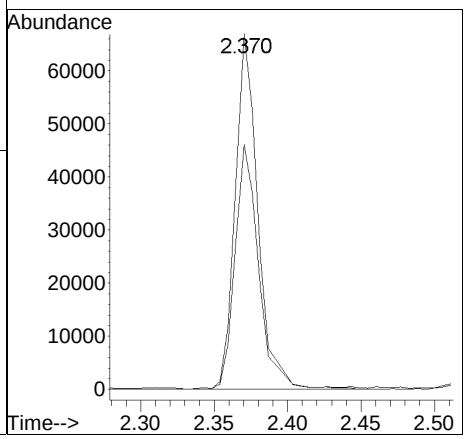


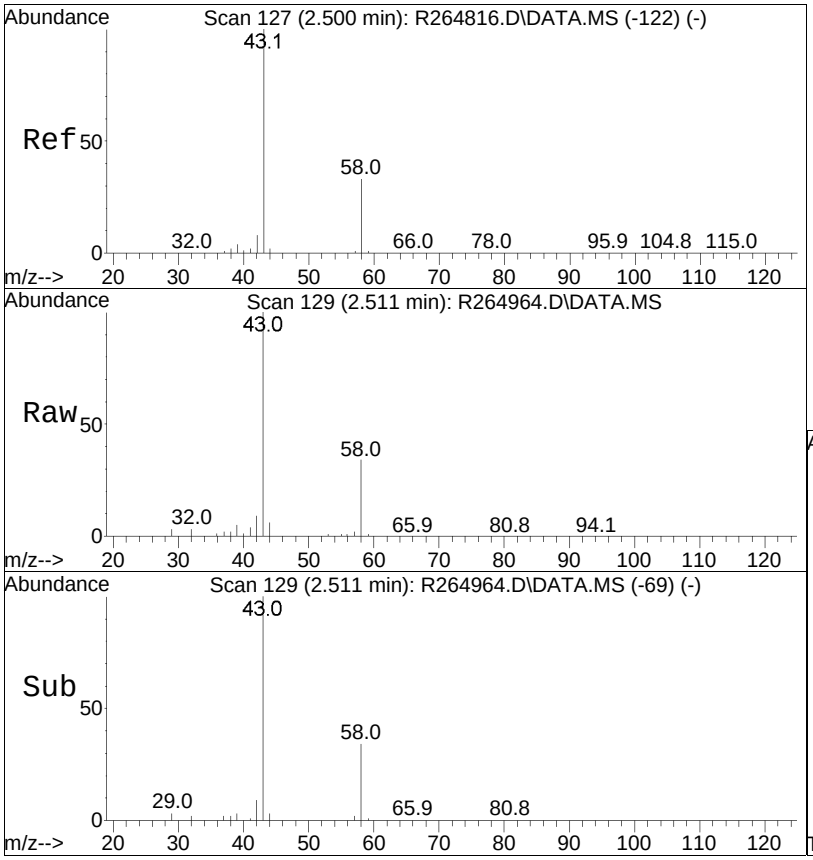


#15
ethanol
Concen: 8.90 ppbV
RT: 2.370 min Scan# 106
Delta R.T. 0.011 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 31 Resp: 77426

Ion	Ratio	Lower	Upper
31	100		
45	68.9	50.7	76.1

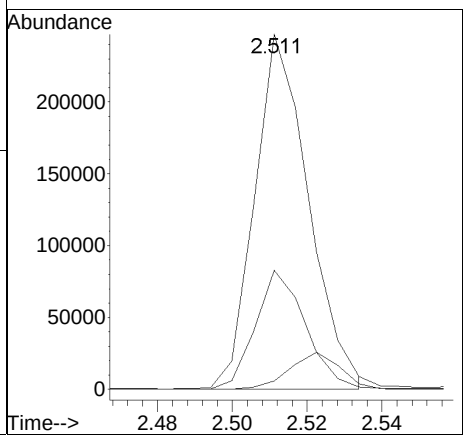


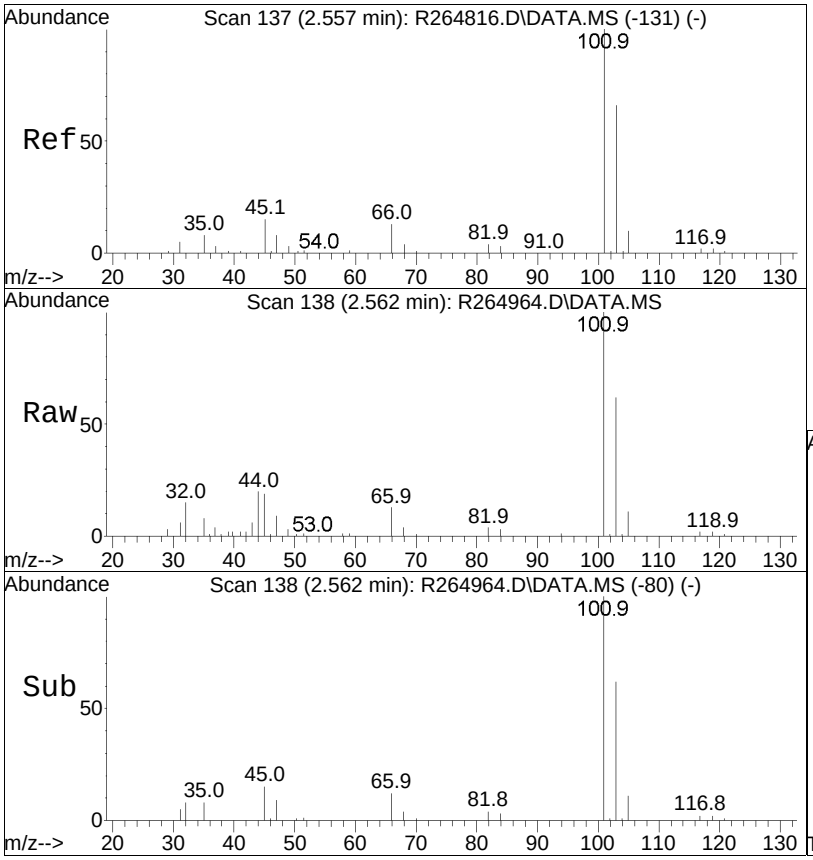


#19
acetone
Concen: 12.33 ppbV m
RT: 2.511 min Scan# 129
Delta R.T. 0.011 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 43 Resp: 247295

Ion	Ratio	Lower	Upper
43	100		
58	33.5	26.3	39.5
57	2.4	0.8	1.2#

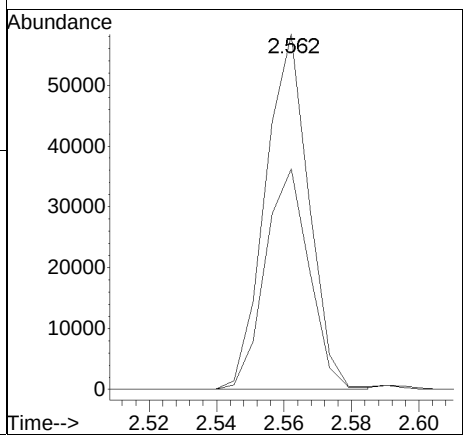


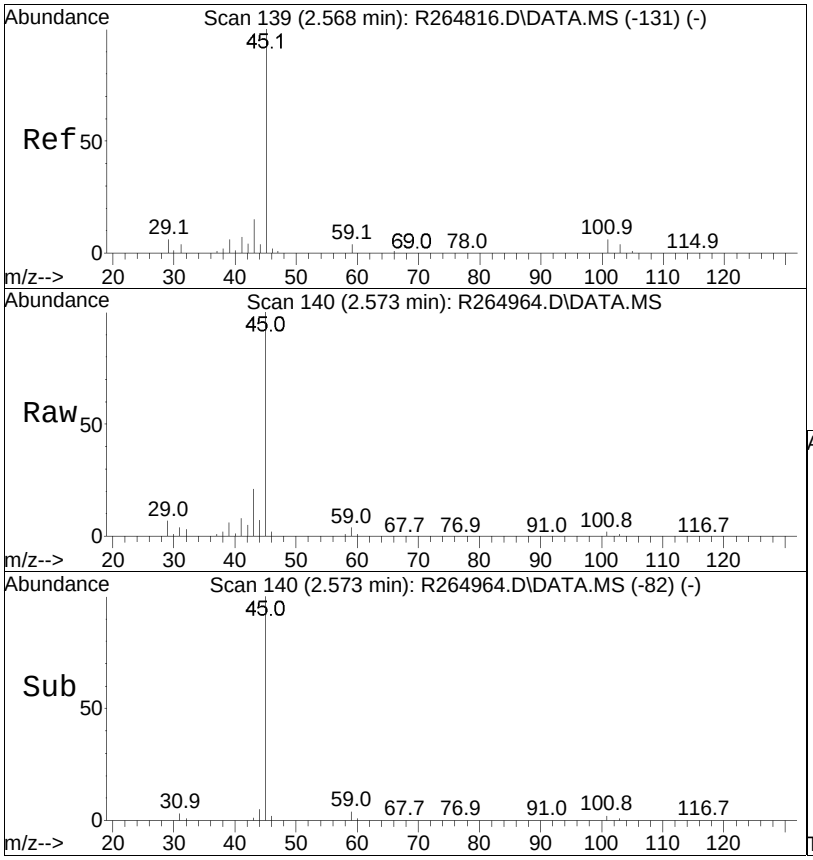


#21
trichlorofluoromethane
Concen: 1.24 ppbV
RT: 2.562 min Scan# 138
Delta R.T. 0.006 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion:101 Resp: 52373

Ion	Ratio	Lower	Upper
101	100		
103	62.1	53.0	79.6

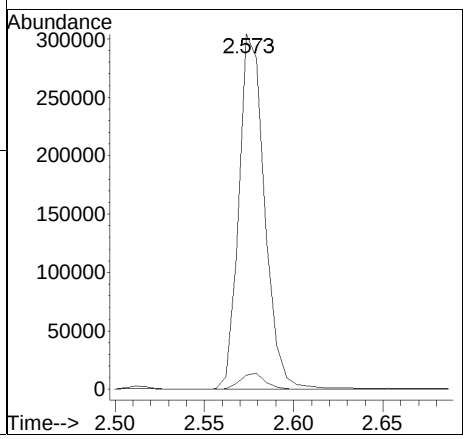


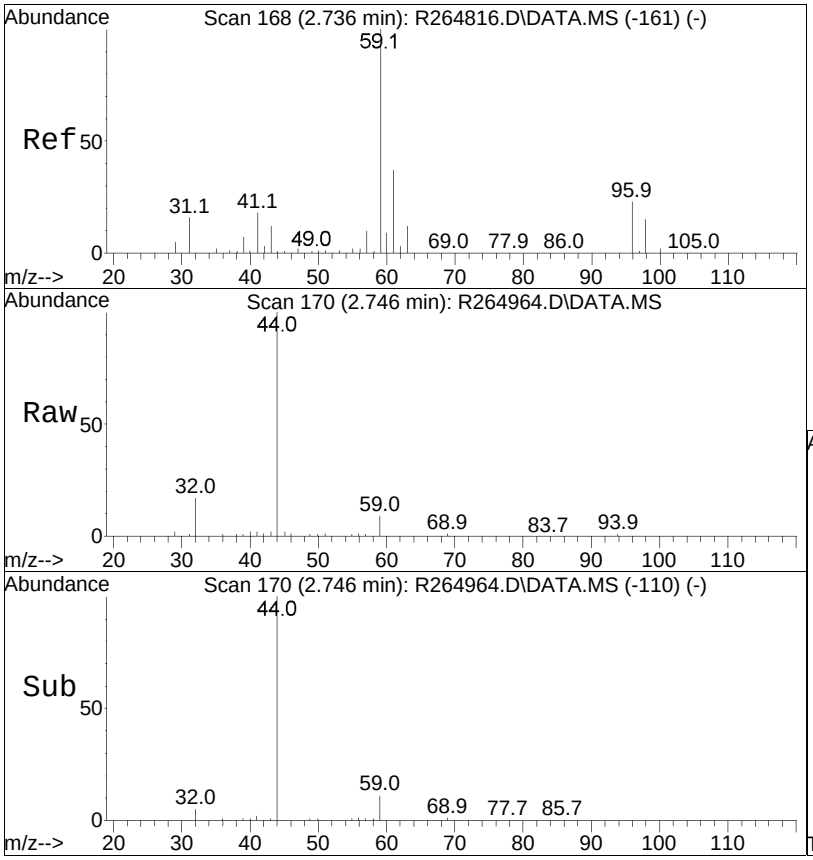


#22
isopropyl alcohol
Concen: 13.01 ppbV
RT: 2.573 min Scan# 140
Delta R.T. 0.006 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 45 Resp: 304965

Ion	Ratio	Lower	Upper
45	100		
59	4.0	3.5	5.3

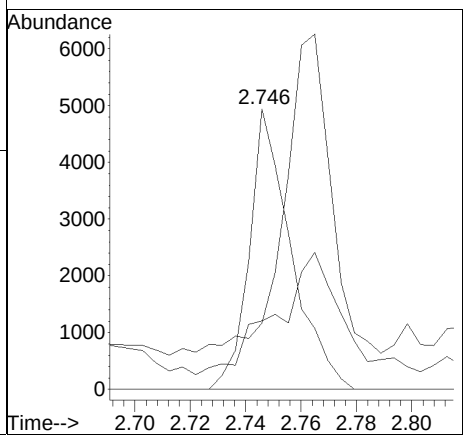


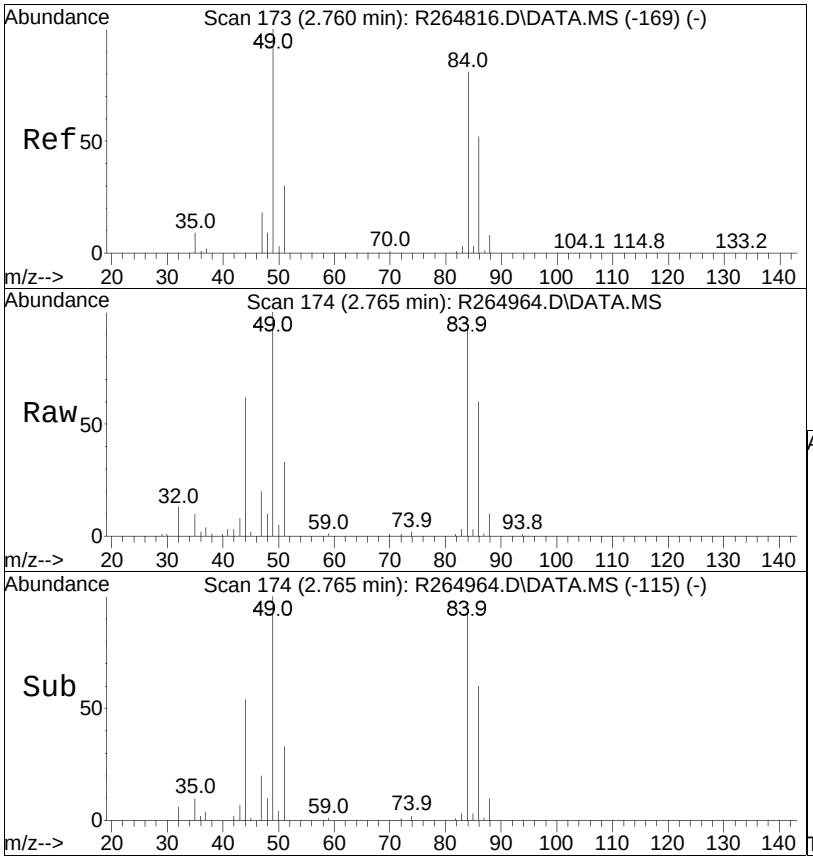


#27
tertiary butyl alcohol
Concen: 0.14 ppbV
RT: 2.746 min Scan# 170
Delta R.T. 0.010 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 59 Resp: 5163

Ion	Ratio	Lower	Upper
59	100		
41	24.4	14.3	21.5#
43	23.6	10.2	15.2#

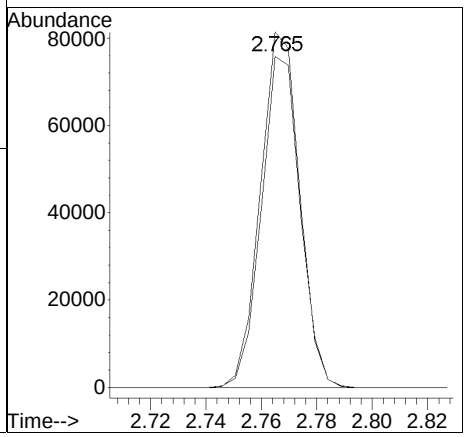


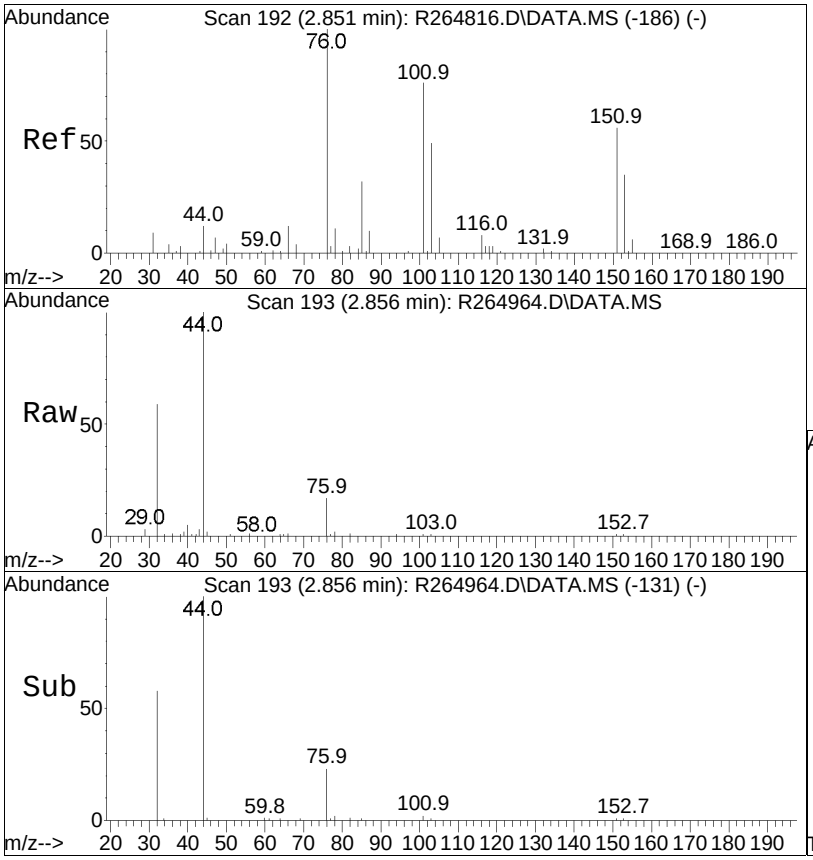


#28
methylene chloride
Concen: 4.57 ppbV
RT: 2.765 min Scan# 174
Delta R.T. 0.005 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 49 Resp: 80040

Ion	Ratio	Lower	Upper
49	100		
84	93.1	64.4	96.6

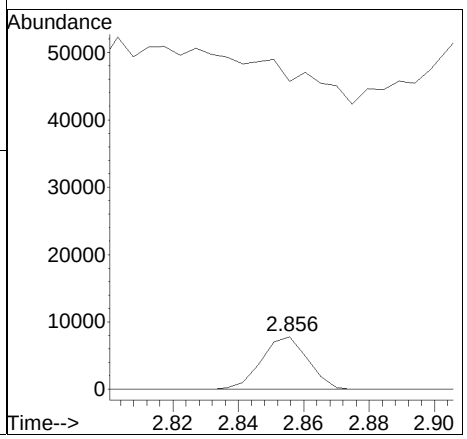


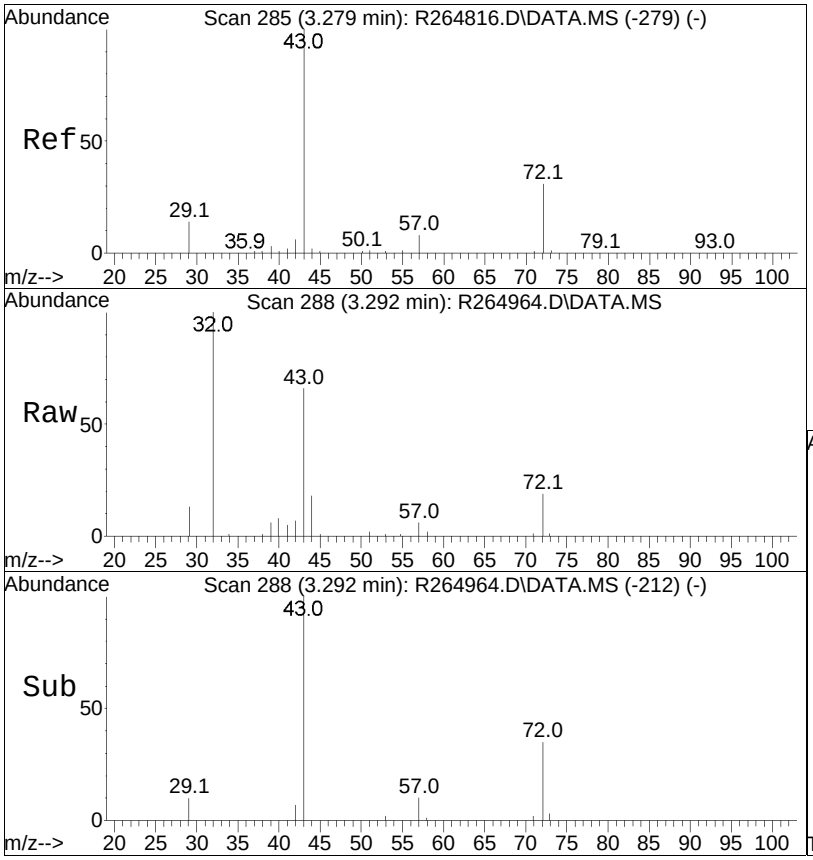


#30
carbon disulfide
Concen: 0.18 ppbV
RT: 2.856 min Scan# 193
Delta R.T. 0.005 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 76 Resp: 7720

Ion	Ratio	Lower	Upper
76	100		
44	585.2	11.7	17.5#

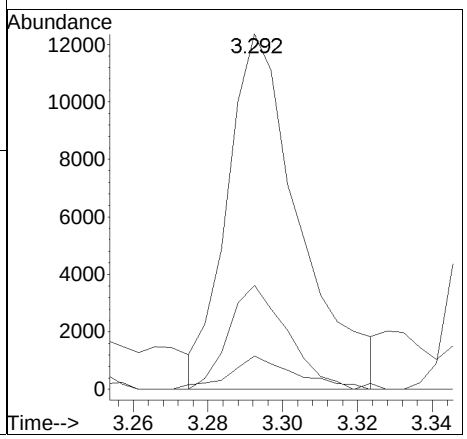


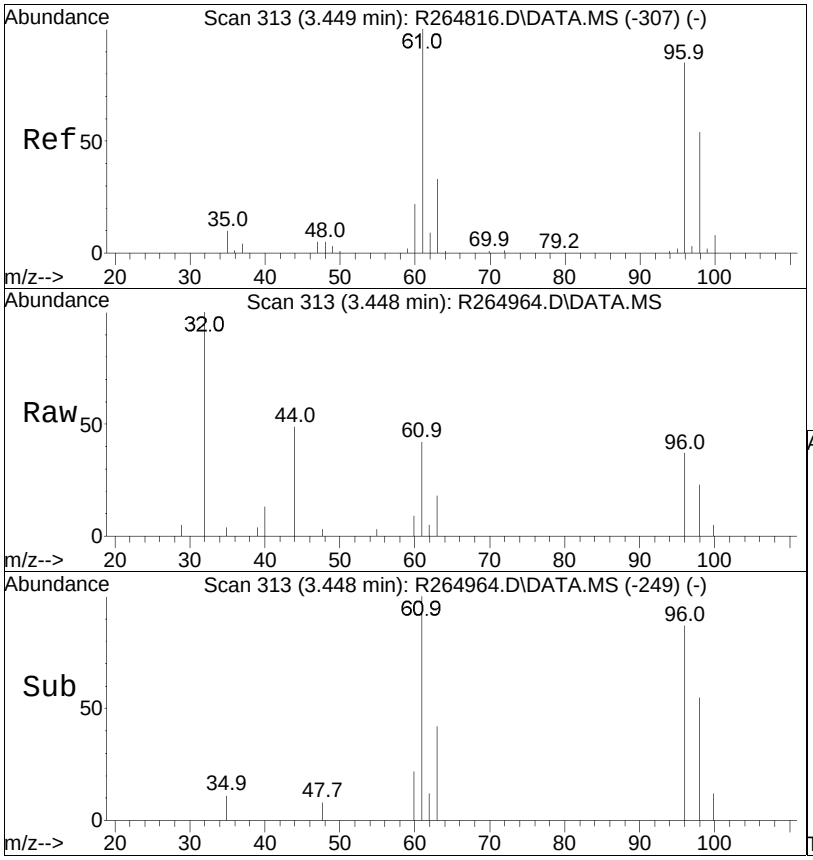


#36
2-butanone
Concen: 0.55 ppbV m
RT: 3.292 min Scan# 288
Delta R.T. 0.013 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 43 Resp: 16589

Ion	Ratio	Lower	Upper
43	100		
72	29.3	24.4	36.6
57	9.4	6.7	10.1

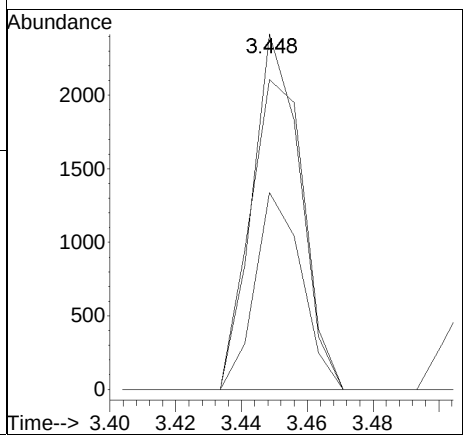


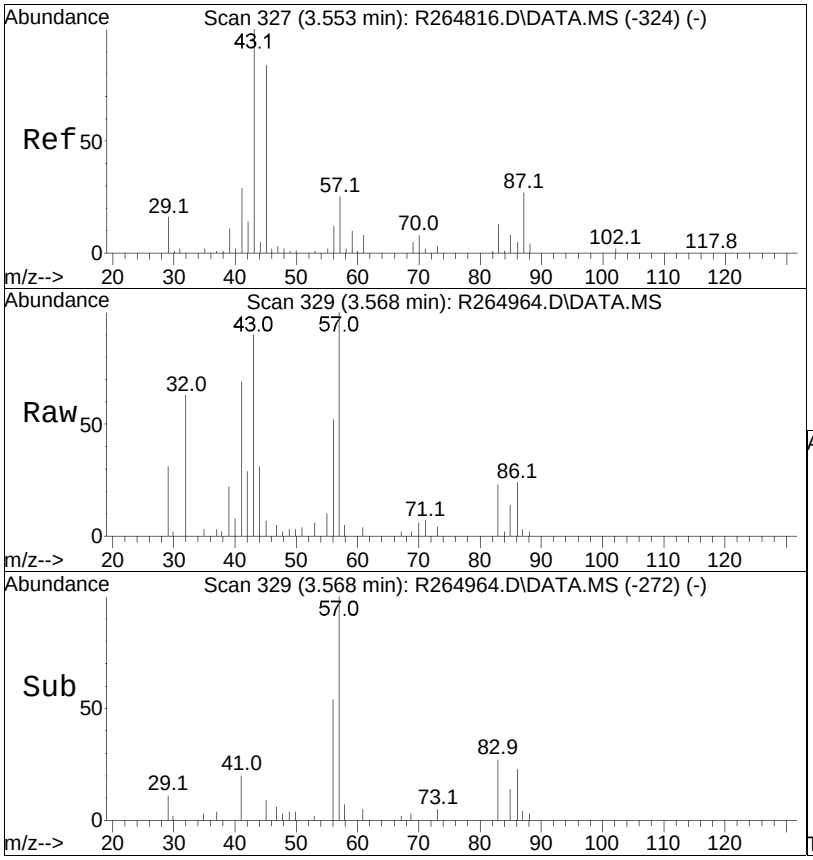


#37
cis-1,2-dichloroethene
Concen: 0.10 ppbV
RT: 3.448 min Scan# 313
Delta R.T. -0.000 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 61 Resp: 2446

Ion	Ratio	Lower	Upper
61	100		
96	87.2	67.9	101.9
98	55.4	43.1	64.7

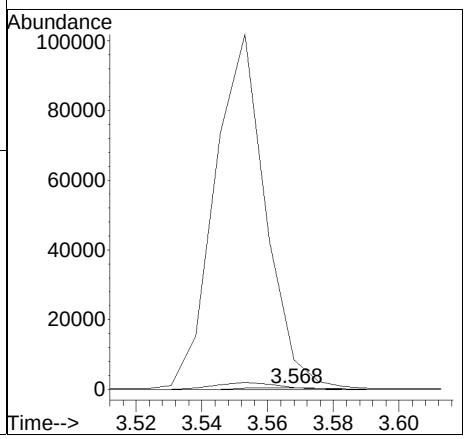


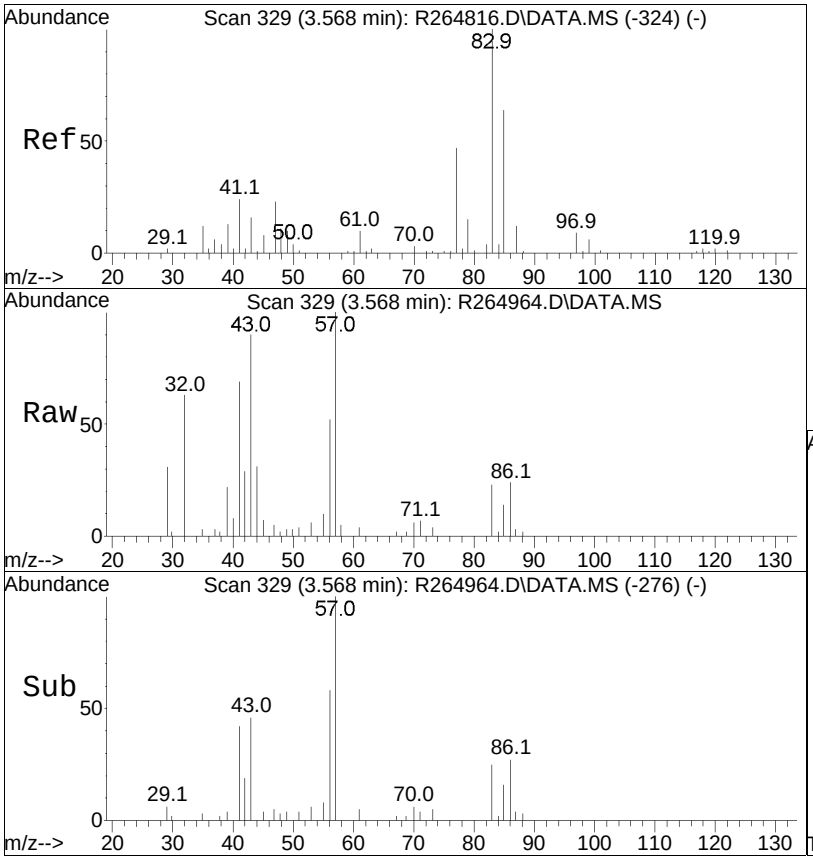


#38
Ethyl Acetate
Concen: 0.10 ppbV
RT: 3.568 min Scan# 329
Delta R.T. 0.015 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 61 Resp: 637

Ion	Ratio	Lower	Upper
61	100		
70	126.0	75.3	112.9#
43	2027.6	998.6	1498.0#

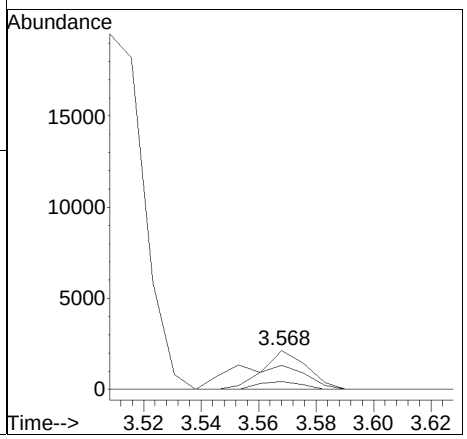


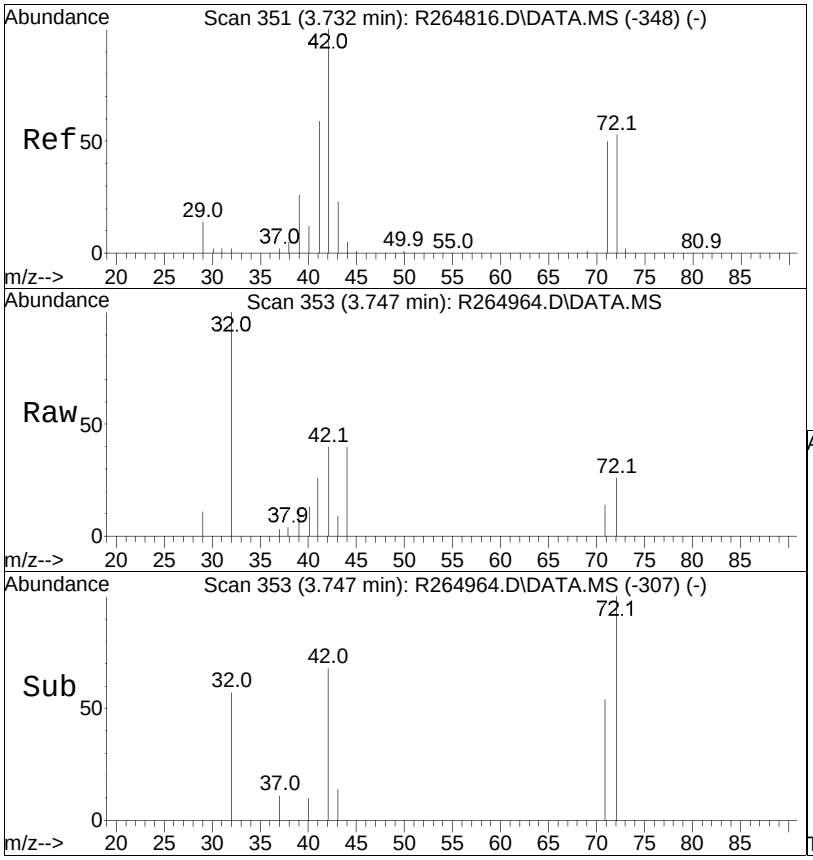


#39
chloroform
Concen: 0.06 ppbV
RT: 3.568 min Scan# 329
Delta R.T. -0.000 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 83 Resp: 2287

Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.3	76.9
47	20.4	18.3	27.5

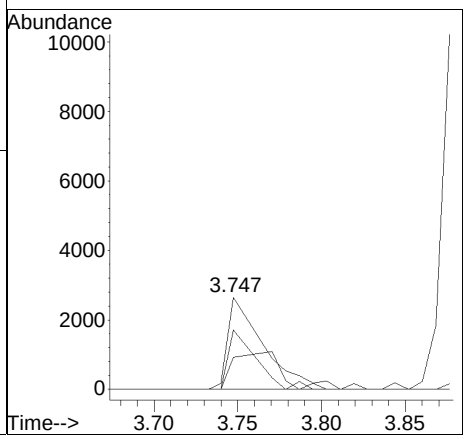


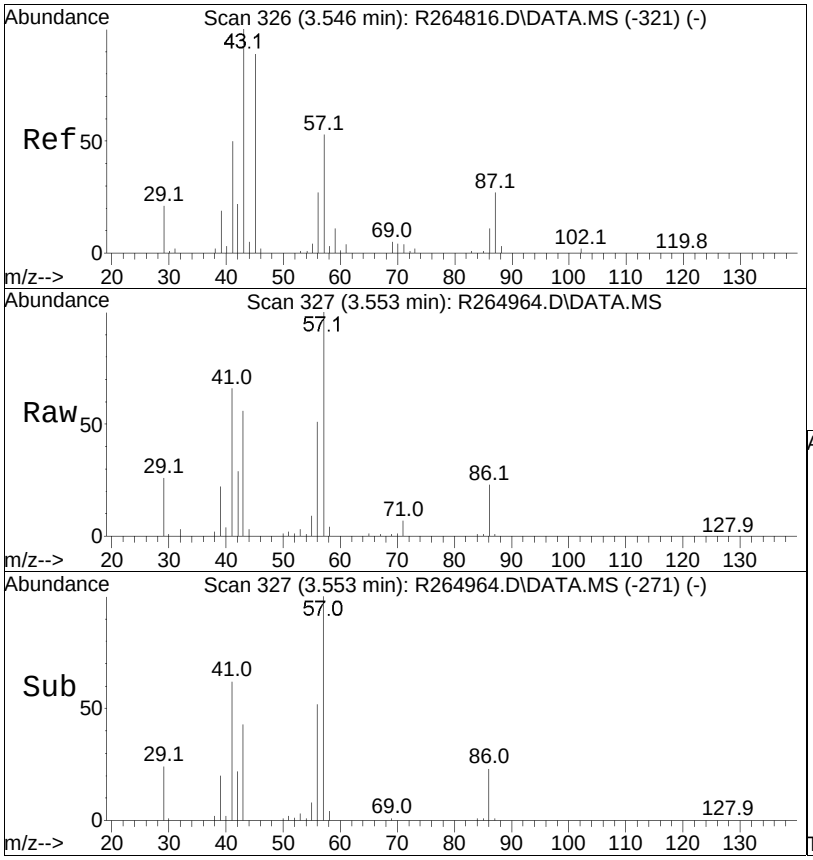


#40
Tetrahydrofuran
Concen: 0.20 ppbV
RT: 3.747 min Scan# 353
Delta R.T. 0.015 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 42 Resp: 2928

Ion	Ratio	Lower	Upper
42	100		
71	34.9	39.8	59.6#
72	64.5	41.9	62.9#

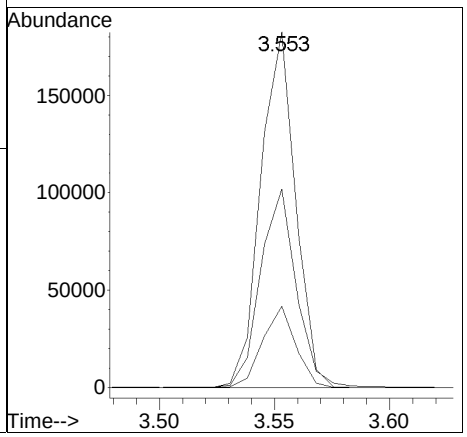


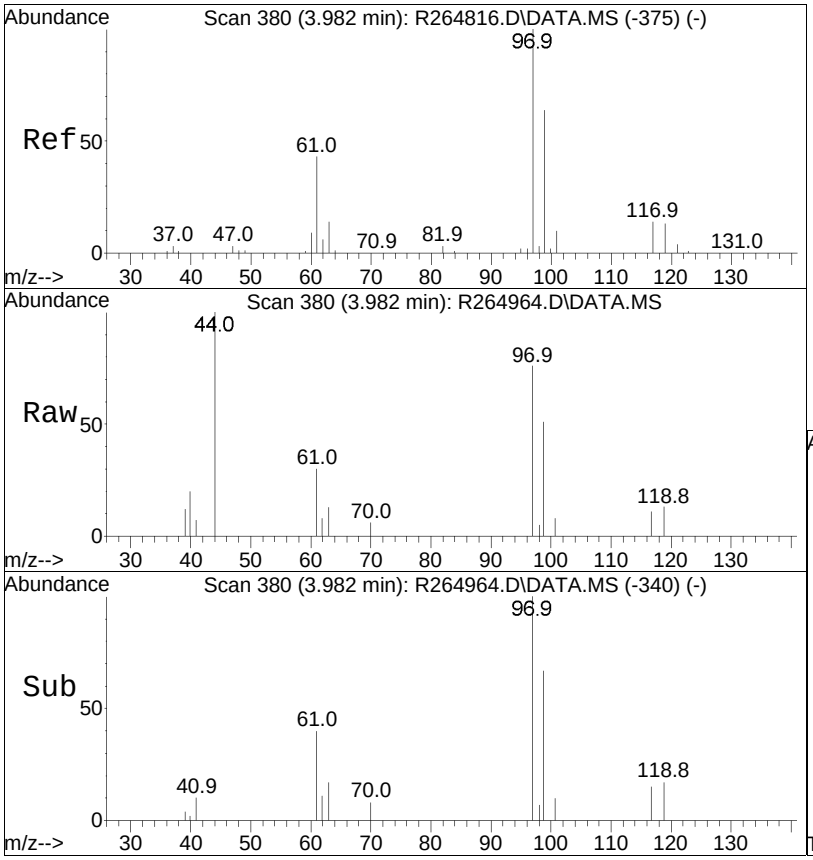


#44
hexane
Concen: 7.38 ppbV
RT: 3.553 min Scan# 327
Delta R.T. 0.007 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 57 Resp: 191956

Ion	Ratio	Lower	Upper
57	100		
43	55.8	150.0	225.0#
86	22.8	16.3	24.5

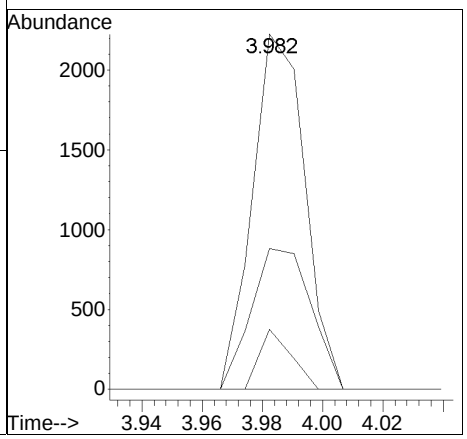


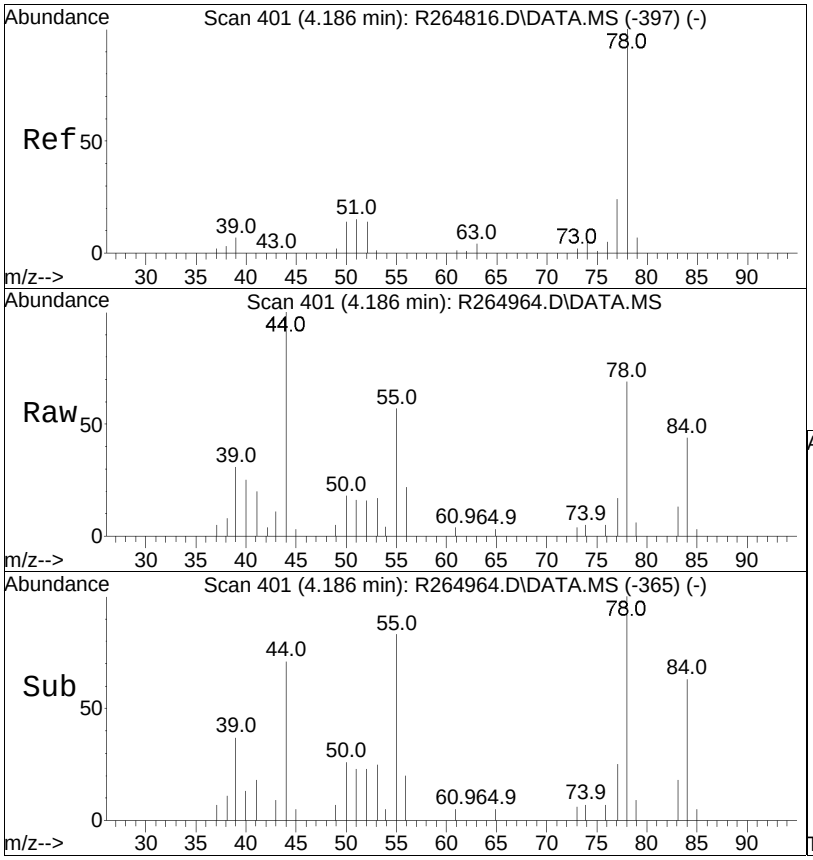


#48
1,1,1-trichloroethane
Concen: 0.07 ppbV
RT: 3.982 min Scan# 380
Delta R.T. -0.000 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 97 Resp: 2689

Ion	Ratio	Lower	Upper
97	100		
61	39.6	34.5	51.7
119	16.9	10.6	15.8#

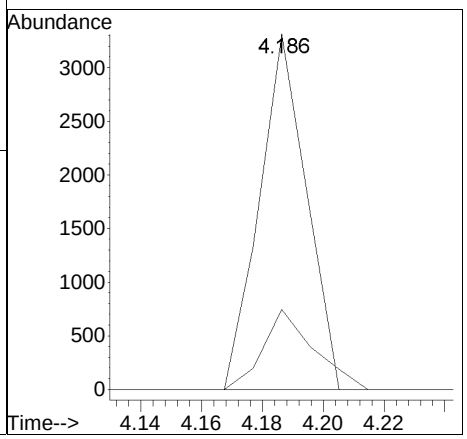


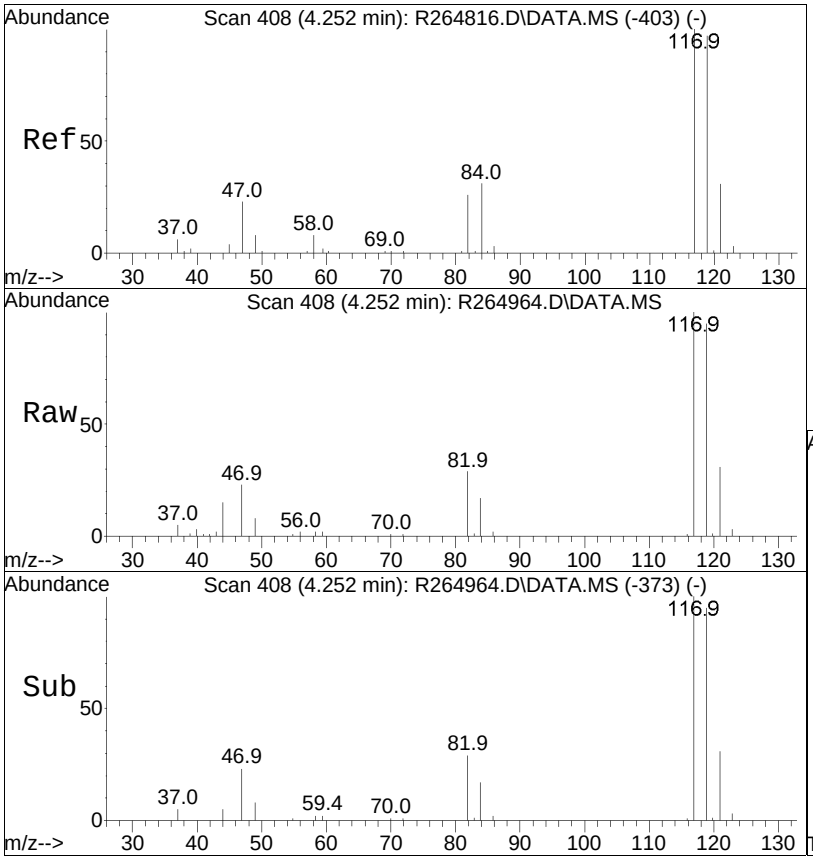


#50
benzene
Concen: 0.06 ppbV
RT: 4.186 min Scan# 401
Delta R.T. -0.000 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 78 Resp: 3550

Ion	Ratio	Lower	Upper
78	100		
52	22.5	11.4	17.0#

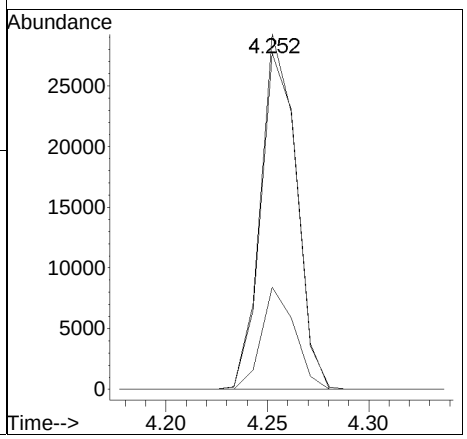


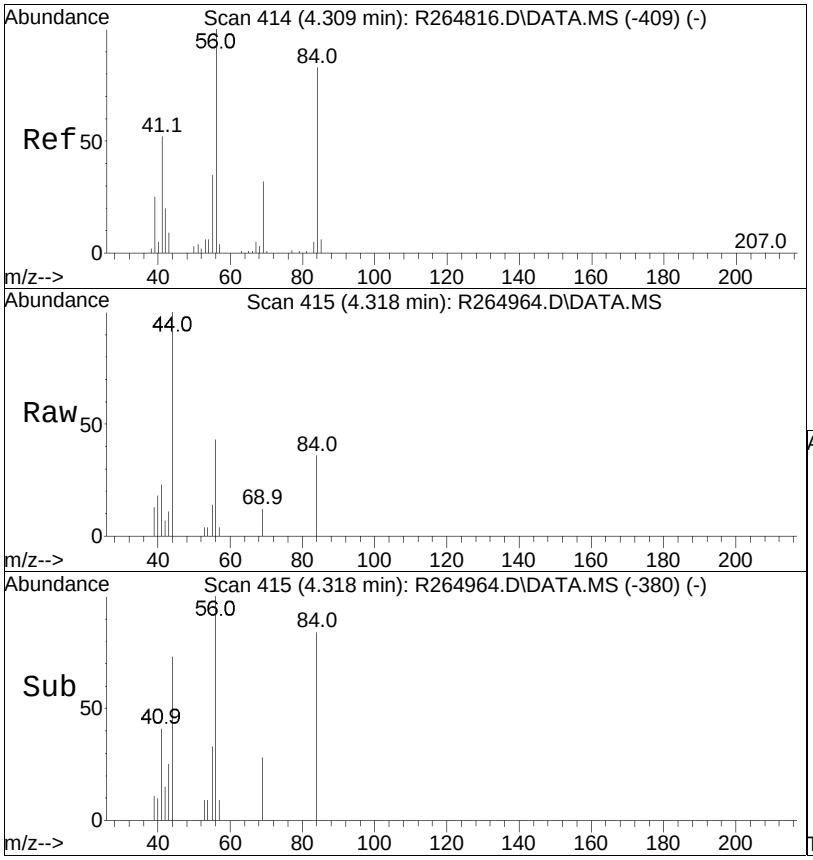


#52
carbon tetrachloride
Concen: 0.86 ppbV
RT: 4.252 min Scan# 408
Delta R.T. -0.000 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion:117 Resp: 35689

Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.3	115.9
82	28.8	20.7	31.1

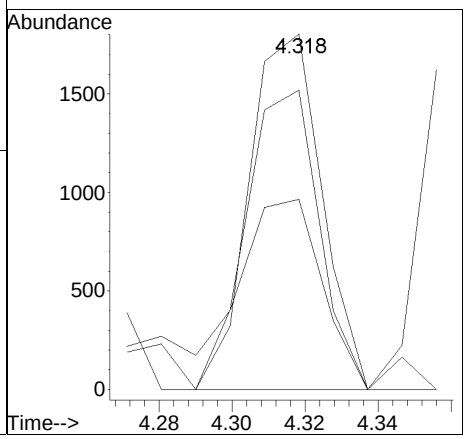


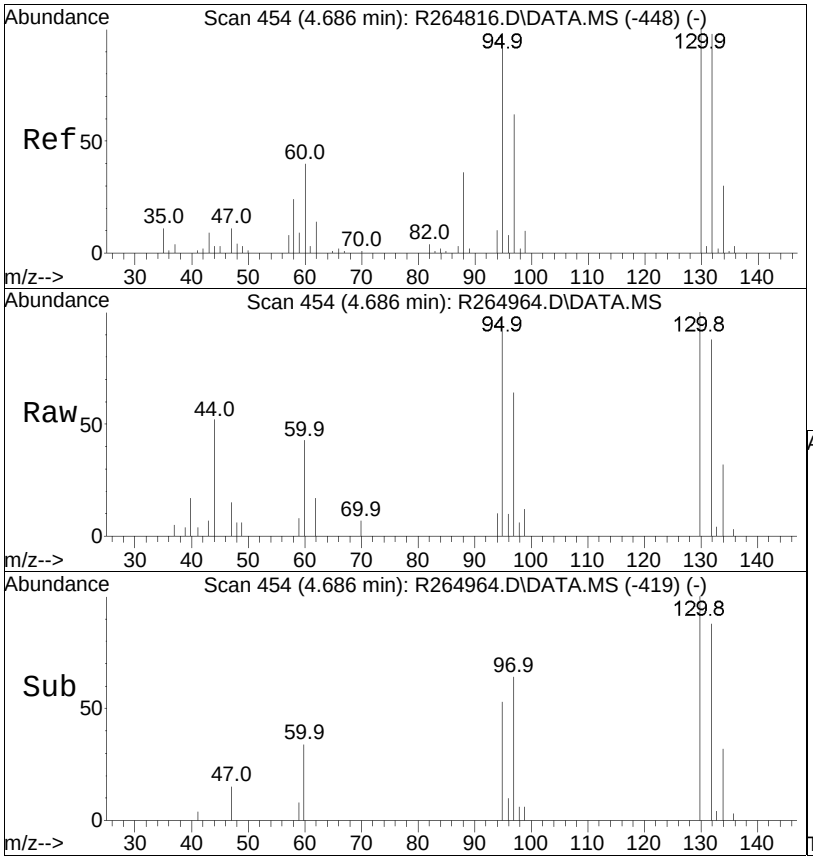


#53
cyclohexane
Concen: 0.09 ppbV
RT: 4.318 min Scan# 415
Delta R.T. 0.009 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 56 Resp: 2495

Ion	Ratio	Lower	Upper
56	100		
84	84.2	75.4	113.2
41	53.5	41.4	62.0

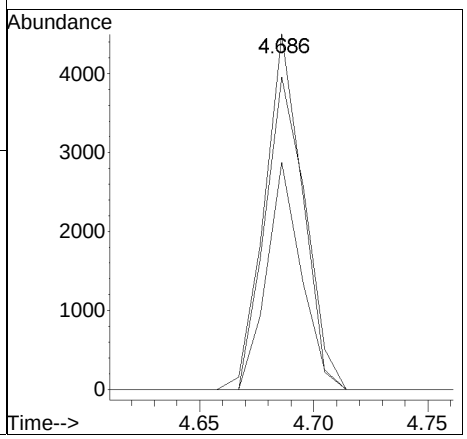


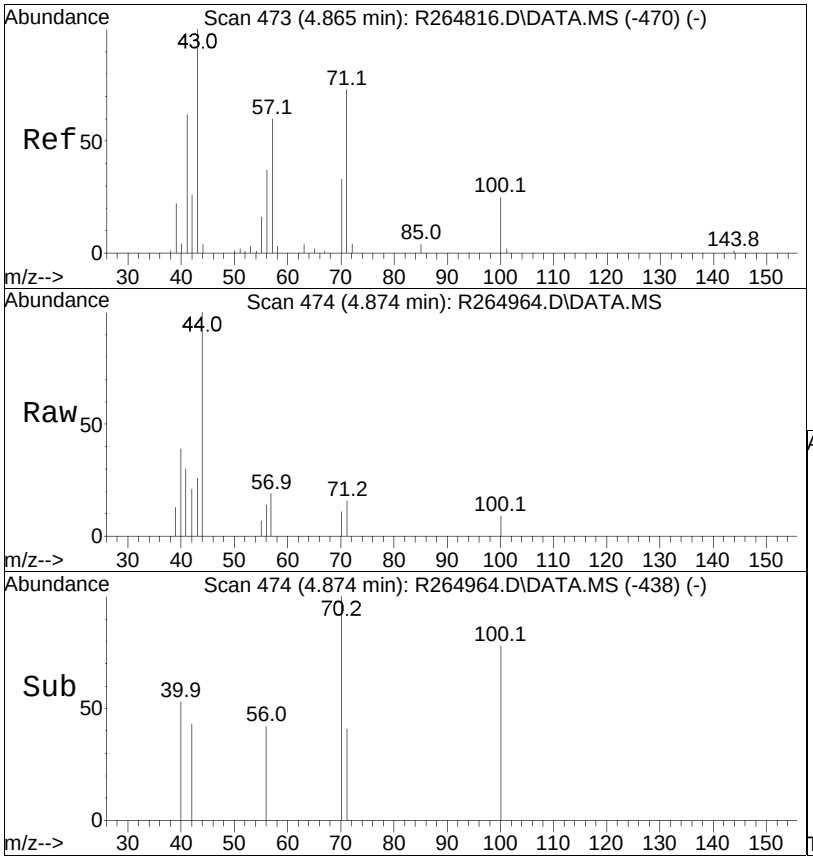


#59
trichloroethene
Concen: 0.19 ppbV
RT: 4.686 min Scan# 454
Delta R.T. -0.000 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion:130 Resp: 5179

Ion	Ratio	Lower	Upper
130	100		
132	87.8	78.1	117.1
97	63.9	49.2	73.8

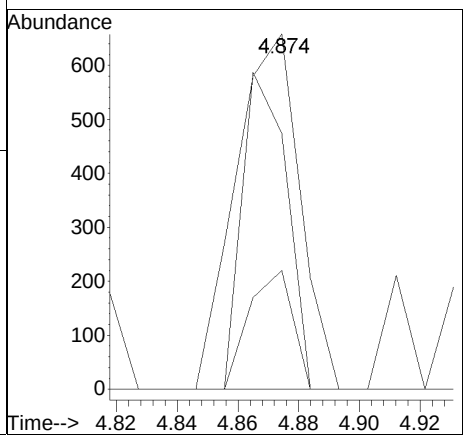


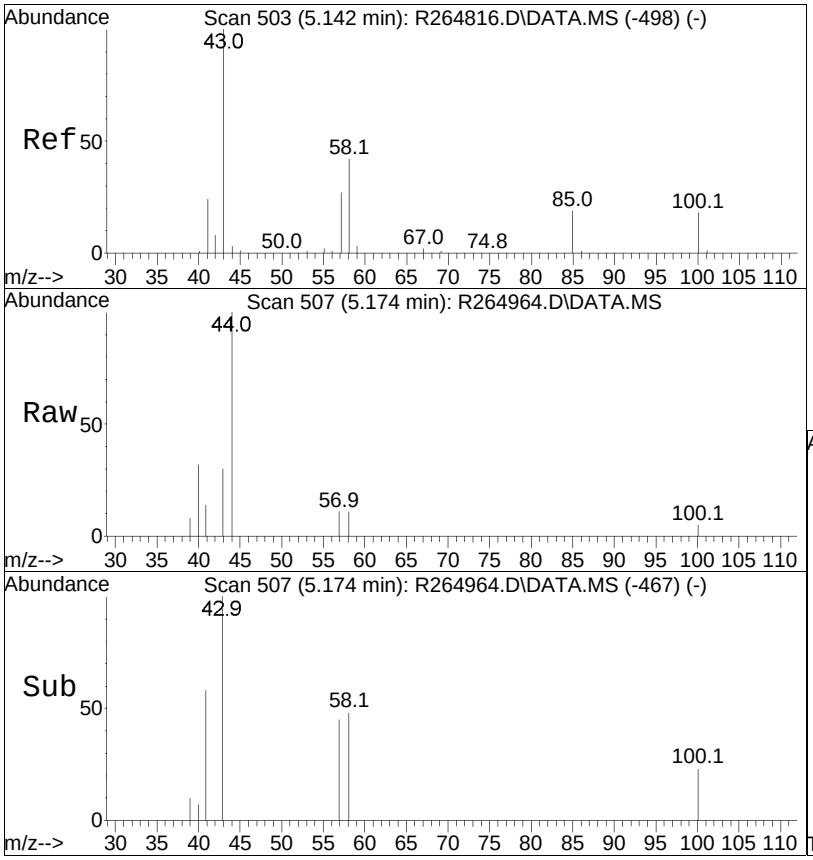


#62
heptane
Concen: 0.03 ppbV
RT: 4.874 min Scan# 474
Delta R.T. 0.009 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 43 Resp: 970

Ion	Ratio	Lower	Upper
43	100		
57	72.0	47.8	71.8#
100	33.4	20.1	30.1#

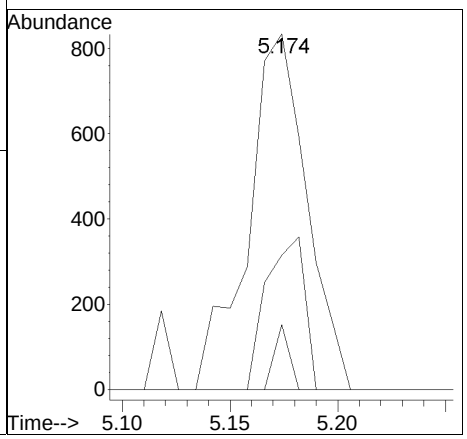


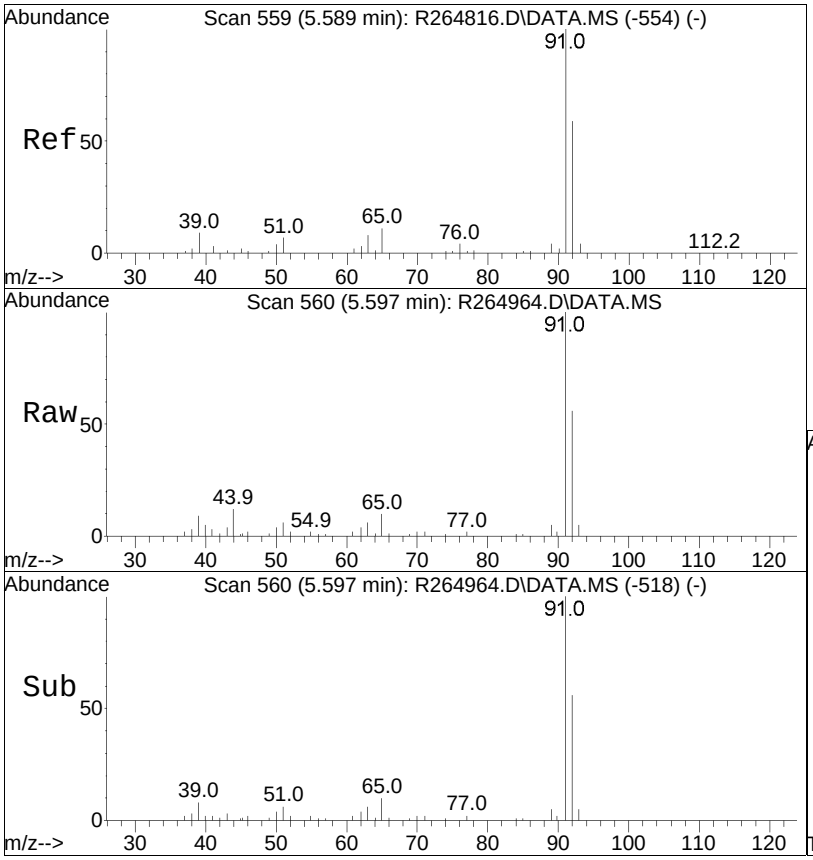


#64
4-methyl-2-pentanone
Concen: 0.04 ppbV
RT: 5.174 min Scan# 507
Delta R.T. 0.032 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 43 Resp: 1590

Ion	Ratio	Lower	Upper
43	100		
58	37.8	33.9	50.9
100	18.2	14.2	21.4

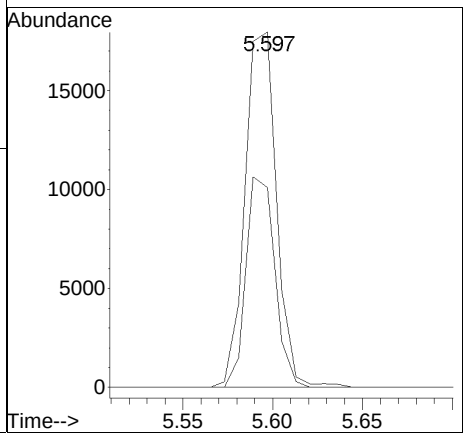


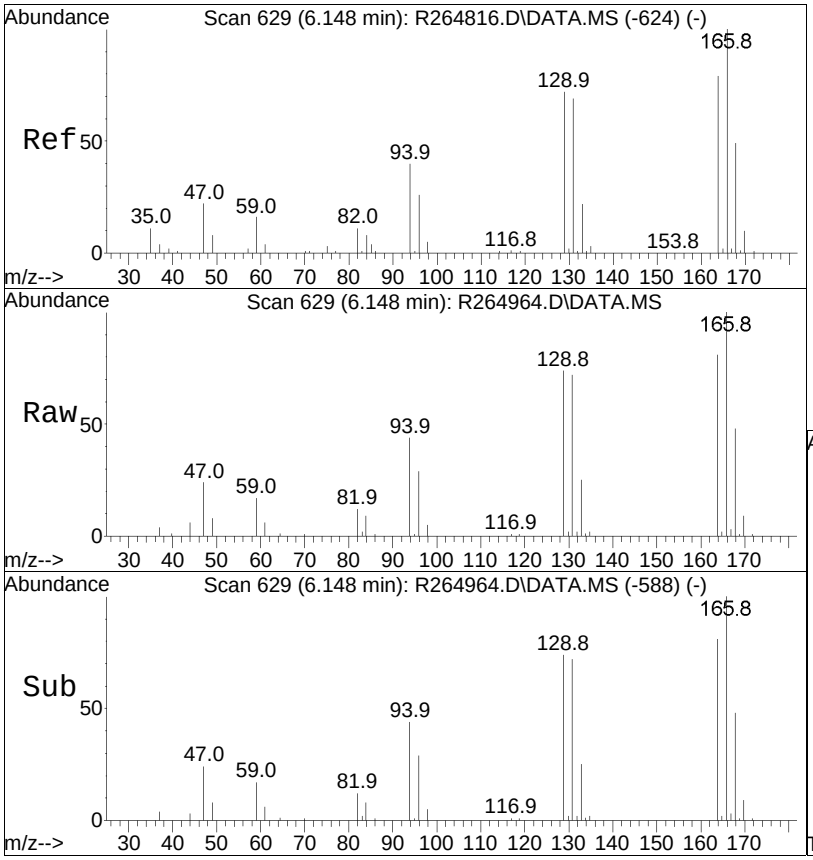


#68
toluene
Concen: 0.31 ppbV
RT: 5.597 min Scan# 560
Delta R.T. 0.008 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 91 Resp: 21994

Ion	Ratio	Lower	Upper
91	100		
92	56.2	47.1	70.7

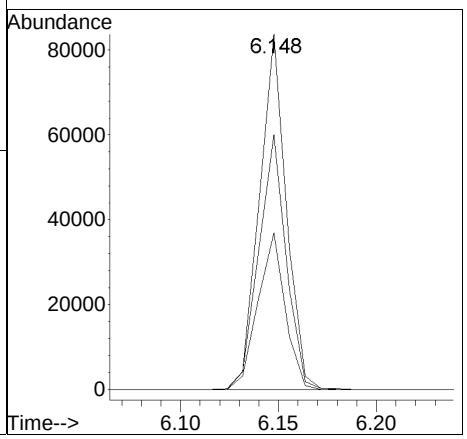


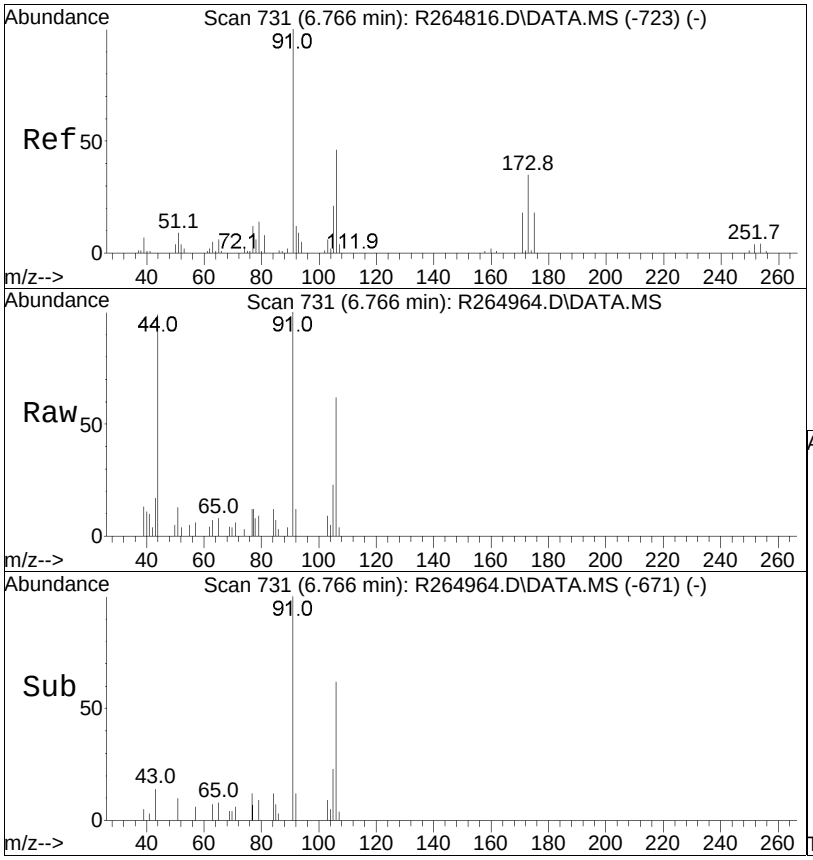


#78
tetrachloroethene
Concen: 2.36 ppbV
RT: 6.148 min Scan# 629
Delta R.T. -0.000 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion:166 Resp: 80012

Ion	Ratio	Lower	Upper
166	100		
131	71.7	55.5	83.3
94	44.1	31.8	47.6

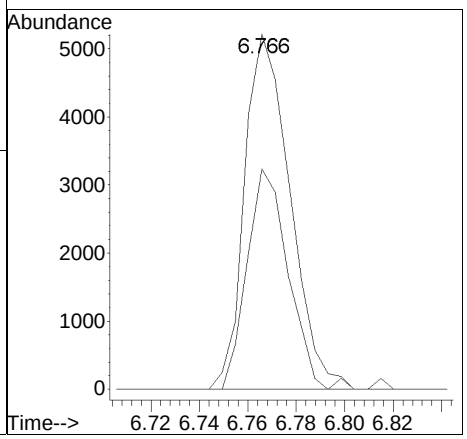


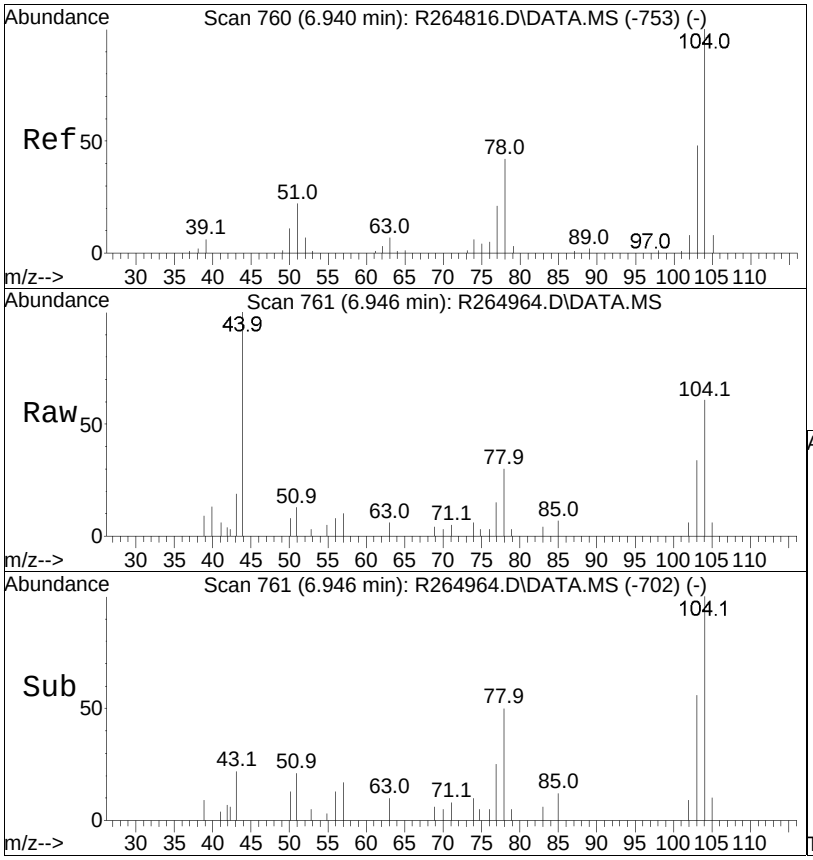


#83
m+p-xylene
Concen: 0.09 ppbV
RT: 6.766 min Scan# 731
Delta R.T. -0.000 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 91 Resp: 6806

Ion	Ratio	Lower	Upper
91	100		
106	62.0	37.1	55.7#

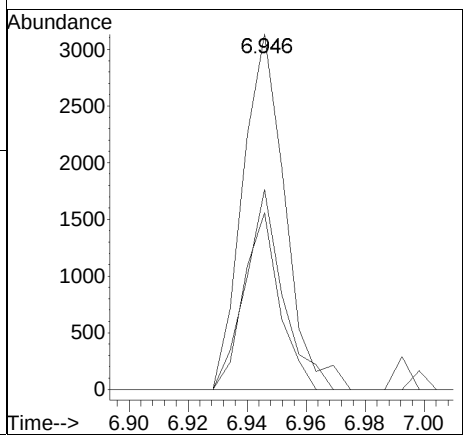


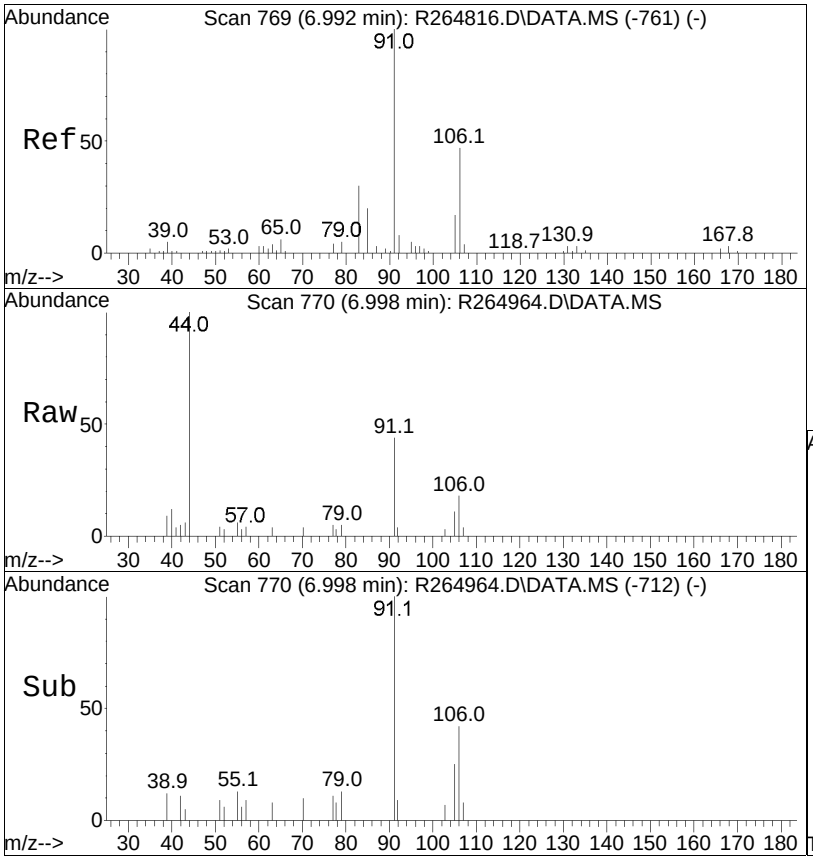


#85
styrene
Concen: 0.06 ppbV
RT: 6.946 min Scan# 761
Delta R.T. 0.006 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion:104 Resp: 3129

Ion	Ratio	Lower	Upper
104	100		
103	56.2	38.5	57.7
78	49.7	33.7	50.5

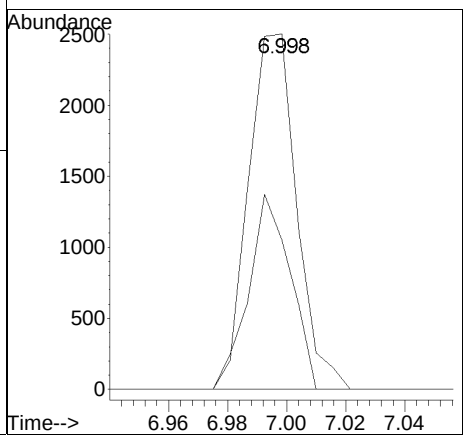


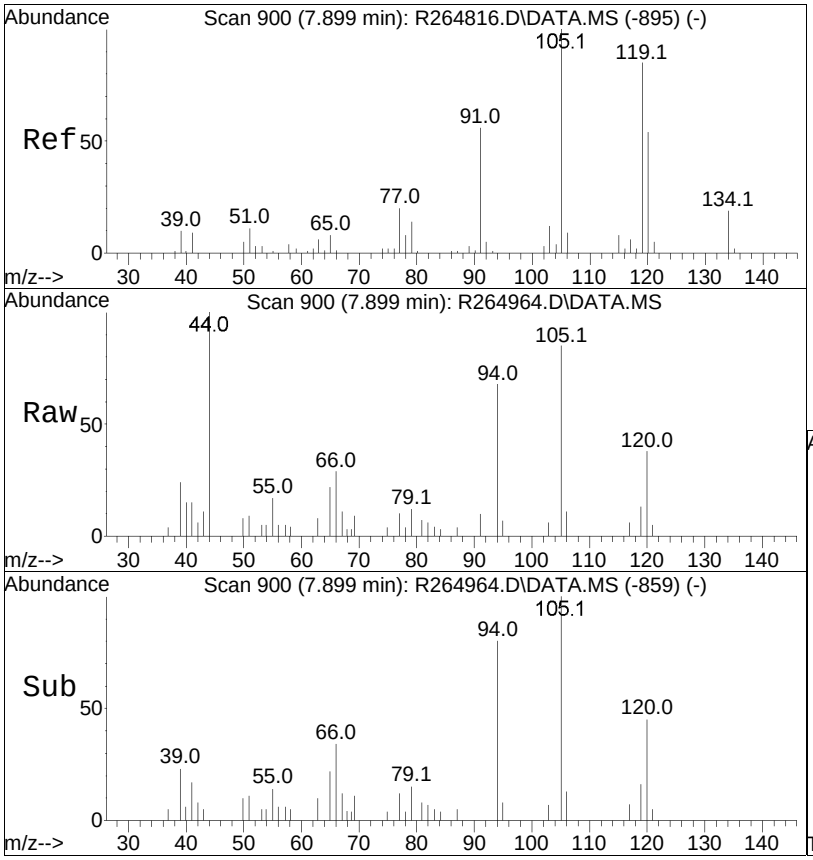


#87
o-xylene
Concen: 0.04 ppbV
RT: 6.998 min Scan# 770
Delta R.T. 0.006 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion: 91 Resp: 2837

Ion	Ratio	Lower	Upper
91	100		
106	42.1	38.1	57.1

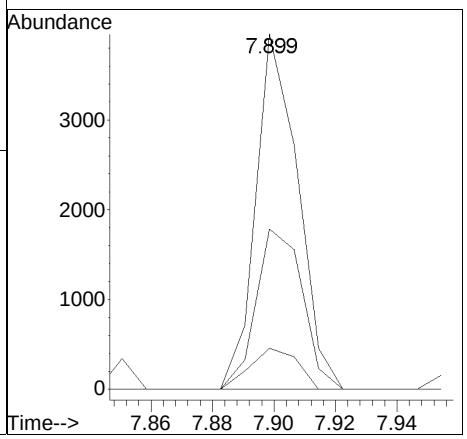


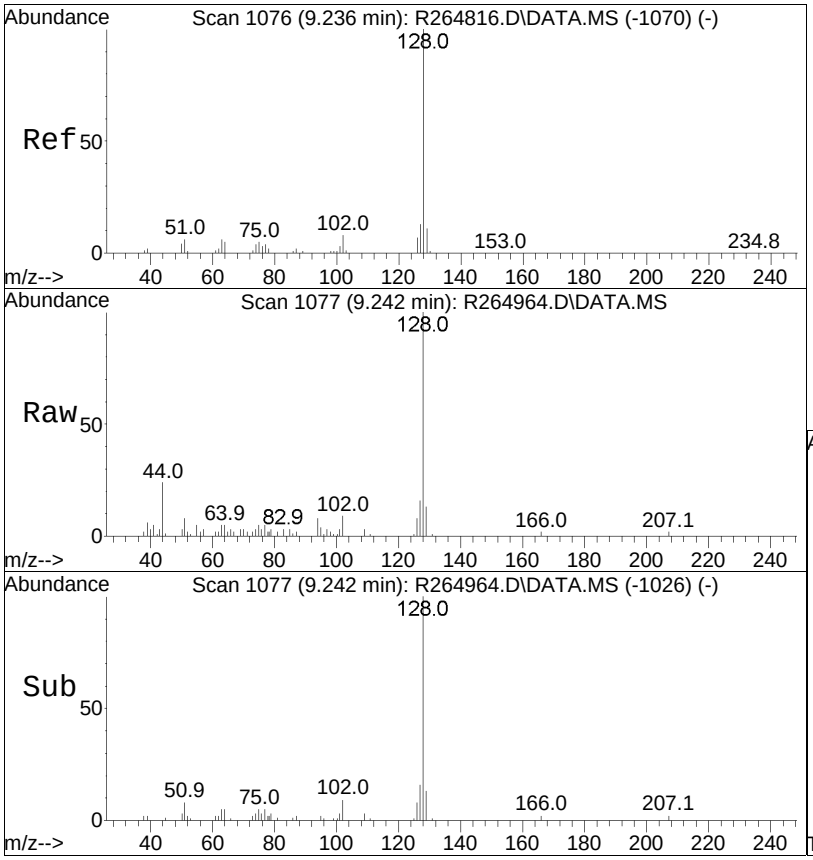


#99
1,2,4-trimethylbenzene
Concen: 0.04 ppbV
RT: 7.899 min Scan# 900
Delta R.T. -0.000 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion:105 Resp: 3763

Ion	Ratio	Lower	Upper
105	100		
120	45.1	43.2	64.8
91	11.5	44.4	66.6#

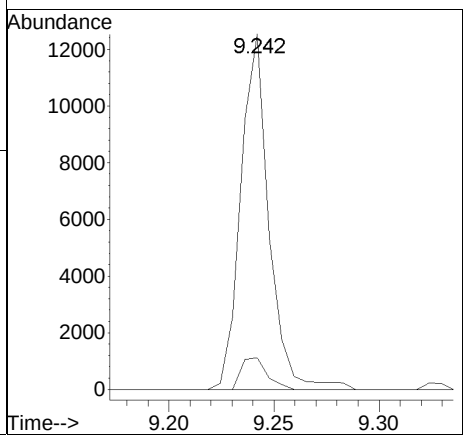




#116
naphthalene
Concen: 0.09 ppbV
RT: 9.242 min Scan# 1077
Delta R.T. 0.006 min
Lab File: R264964.D
Acq: 16 Jul 2025 03:28 am

Tgt Ion:128 Resp: 11701

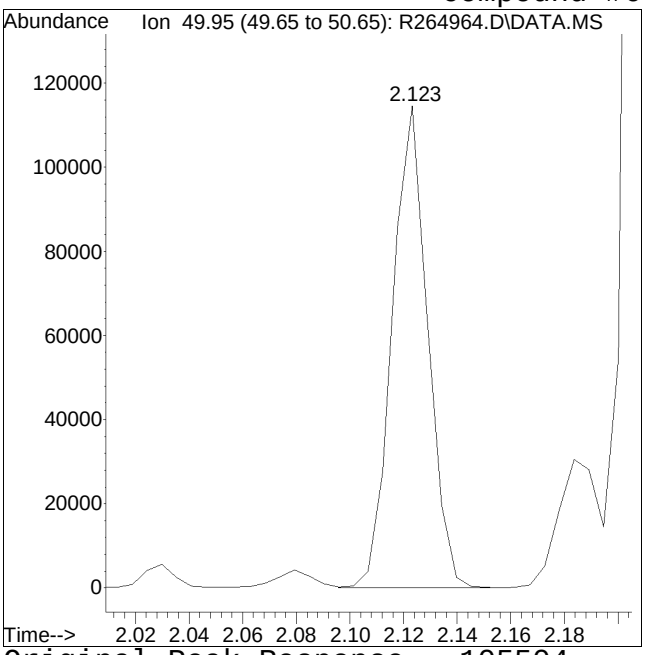
Ion	Ratio	Lower	Upper
128	100		
102	8.9	6.6	9.8



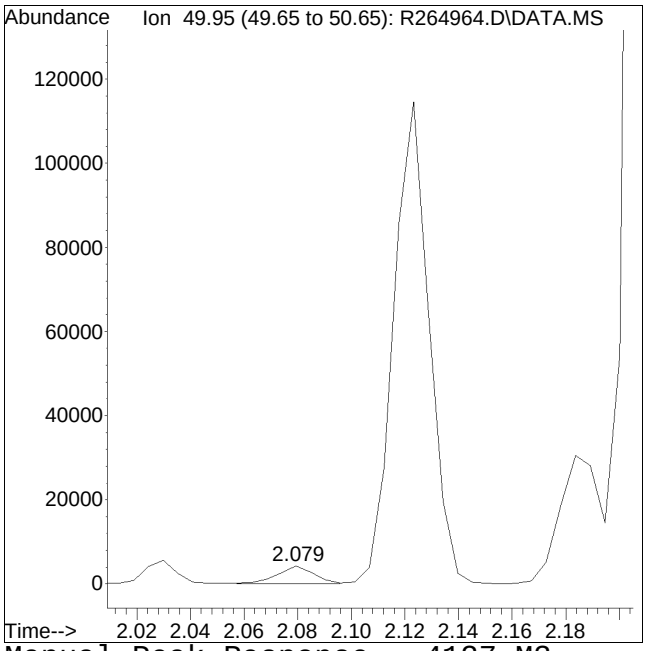
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264964.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 3:28 am Instrument : Airlab26
Sample : L2543344-01,3,250,250 Quant Date : 7/16/2025 6:30 am

Compound #6: chloromethane



Original Peak Response = 105504



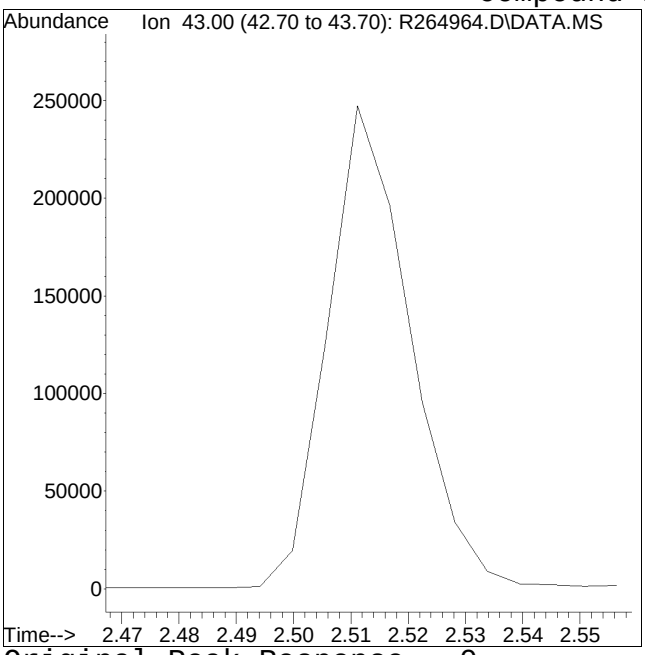
Manual Peak Response = 4127 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

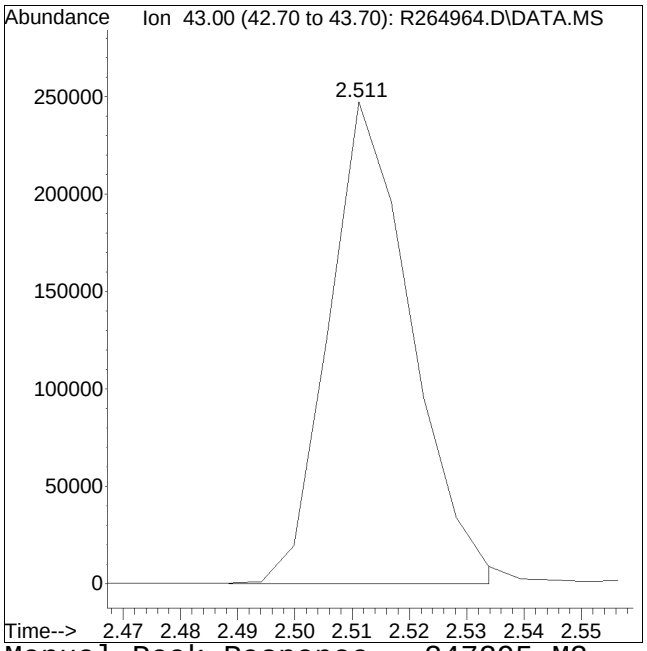
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264964.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 3:28 am Instrument : Airlab26
Sample : L2543344-01,3,250,250 Quant Date : 7/16/2025 6:30 am

Compound #19: acetone



Original Peak Response = 0



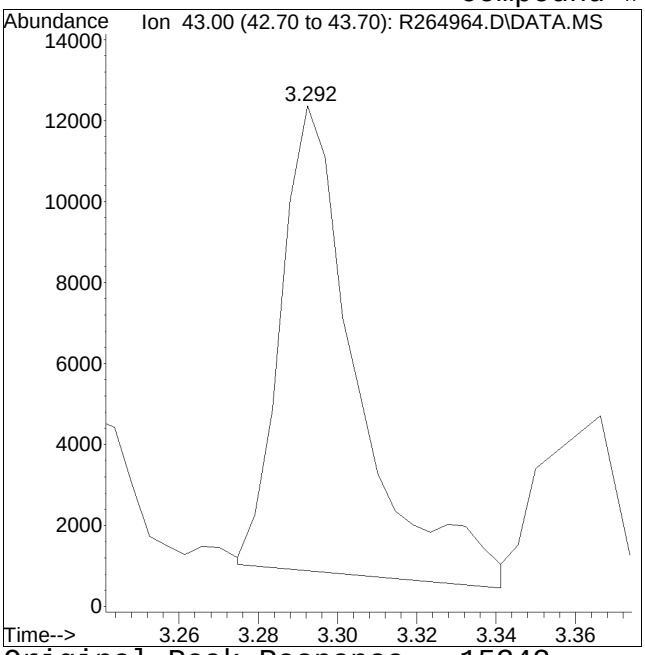
Manual Peak Response = 247295 M2

M2 = Peak not found by automatic integration algorithm.

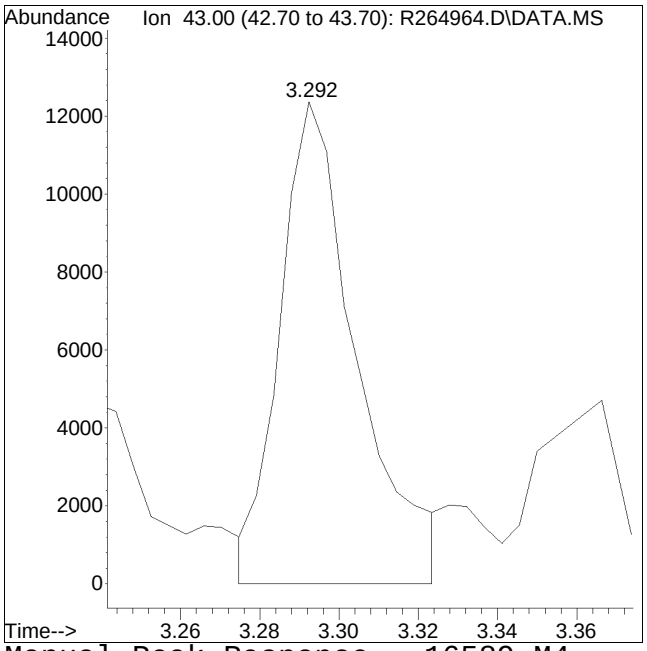
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264964.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 3:28 am Instrument : Airlab26
Sample : L2543344-01,3,250,250 Quant Date : 7/16/2025 6:30 am

Compound #36: 2-butanone



Original Peak Response = 15342



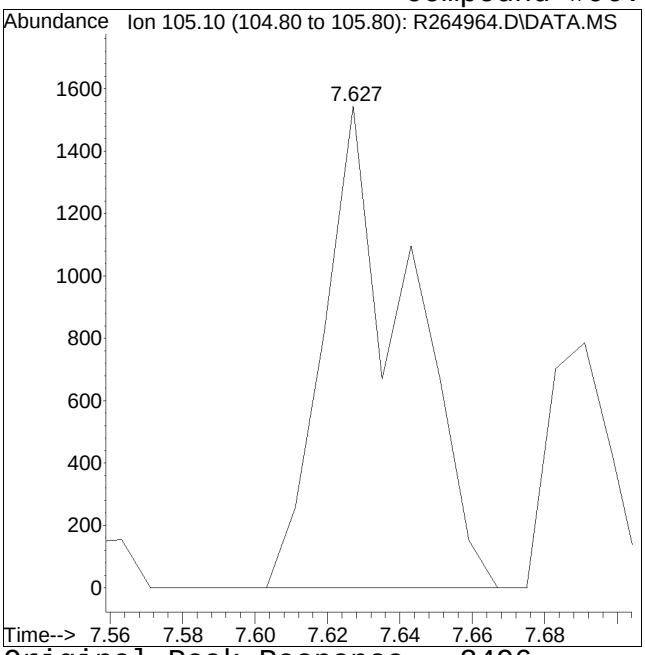
Manual Peak Response = 16589 M4

M4 = Poor automated baseline construction.

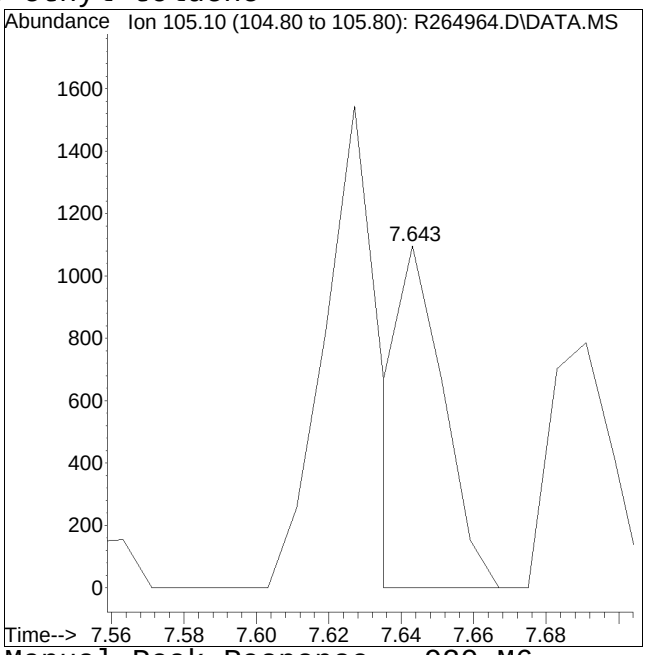
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264964.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 3:28 am Instrument : Airlab26
Sample : L2543344-01,3,250,250 Quant Date : 7/16/2025 6:30 am

Compound #96: 4-ethyl toluene



Original Peak Response = 2496



Manual Peak Response = 920 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264965.D
Acq On : 16 Jul 2025 04:01 am
Operator : AIRLAB26:RAY
Sample : L2543344-04,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 06:31:21 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.516	49	182364	10.000	ppbV	0.00
Standard Area = 189637			Recovery =		96.16%	
43) 1,4-difluorobenzene	4.375	114	647332	10.000	ppbV	0.00
Standard Area = 667401			Recovery =		96.99%	
67) chlorobenzene-D5	6.455	54	102968	10.000	ppbV	0.00
Standard Area = 107009			Recovery =		96.22%	
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.019	85	33867	0.963	ppbV	100
6) chloromethane	2.074	50	3183M3	0.292	ppbV	
7) Freon-114	2.107	85	2882	0.079	ppbV	97
9) vinyl chloride	0.000		0	N.D.	d	
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.	d	
14) chloroethane	0.000		0	N.D.	d	
15) ethanol	2.365	31	73945	9.757	ppbV	95
17) vinyl bromide	2.438		0	N.D.		
19) acetone	2.511	43	251803M2	14.416	ppbV	
21) trichlorofluoromethane	2.562	101	43174	1.177	ppbV	99
22) isopropyl alcohol	2.573	45	292711	14.343	ppbV	100
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	2.751	59	5098	0.155	ppbV #	57
28) methylene chloride	2.765	49	83815	5.492	ppbV	93
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	2.856	76	6608	0.179	ppbV #	1
31) Freon 113	0.000		0	N.D.	d	
32) trans-1,2-dichloroethene	3.062		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	3.292	43	13057	0.501	ppbV	99
37) cis-1,2-dichloroethene	3.456		0	N.D.		
38) Ethyl Acetate	3.568	61	570	0.102	ppbV #	27
39) chloroform	3.568	83	1900	0.060	ppbV	97
40) Tetrahydrofuran	3.747	42	2408	0.187	ppbV	93
42) 1,2-dichloroethane	3.885		0	N.D.		
44) hexane	3.553	57	149239	6.460	ppbV #	17

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264965.D
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Operator : AIRLAB26:RAY
Sample : L2543344-04,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 06:31:21 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	3.982	97	2284	0.063	ppbV #	82
50) benzene	4.186	78	2990	0.058	ppbV #	68
52) carbon tetrachloride	4.252	117	29495	0.801	ppbV	97
53) cyclohexane	4.318	56	1717	0.072	ppbV #	86
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	4.686	130	2577	0.104	ppbV	91
60) 2,2,4-trimethylpentane	0.000		0	N.D. d		
62) heptane	4.865	43	1096	0.044	ppbV #	82
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	5.166	43	1327	0.041	ppbV #	74
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	5.597	91	11537	0.186	ppbV	100
72) 2-hexanone	0.000		0	N.D. d		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	6.148	166	2622	0.090	ppbV	94
80) chlorobenzene	0.000		0	N.D. d		
81) ethylbenzene	6.678		0	N.D.		
83) m+p-xylene	6.766	91	4000	0.061	ppbV	97
84) bromoform	0.000		0	N.D.		
85) styrene	6.946	104	3404	0.071	ppbV	96
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D. d		
87) o-xylene	6.998	91	2033	0.032	ppbV	89
96) 4-ethyl toluene	7.643		0	N.D.		
97) 1,3,5-trimethylbenzene	7.691		0	N.D.		
99) 1,2,4-trimethylbenzene	7.899	105	3982	0.054	ppbV #	59
101) Benzyl Chloride	0.000		0	N.D. d		
102) 1,3-dichlorobenzene	8.002		0	N.D.		
103) 1,4-dichlorobenzene	8.002		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	9.189		0	N.D.		
116) naphthalene	9.242		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264965.D
Acq On : 16 Jul 2025 04:01 am
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Sample : L2543344-04,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 06:31:21 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

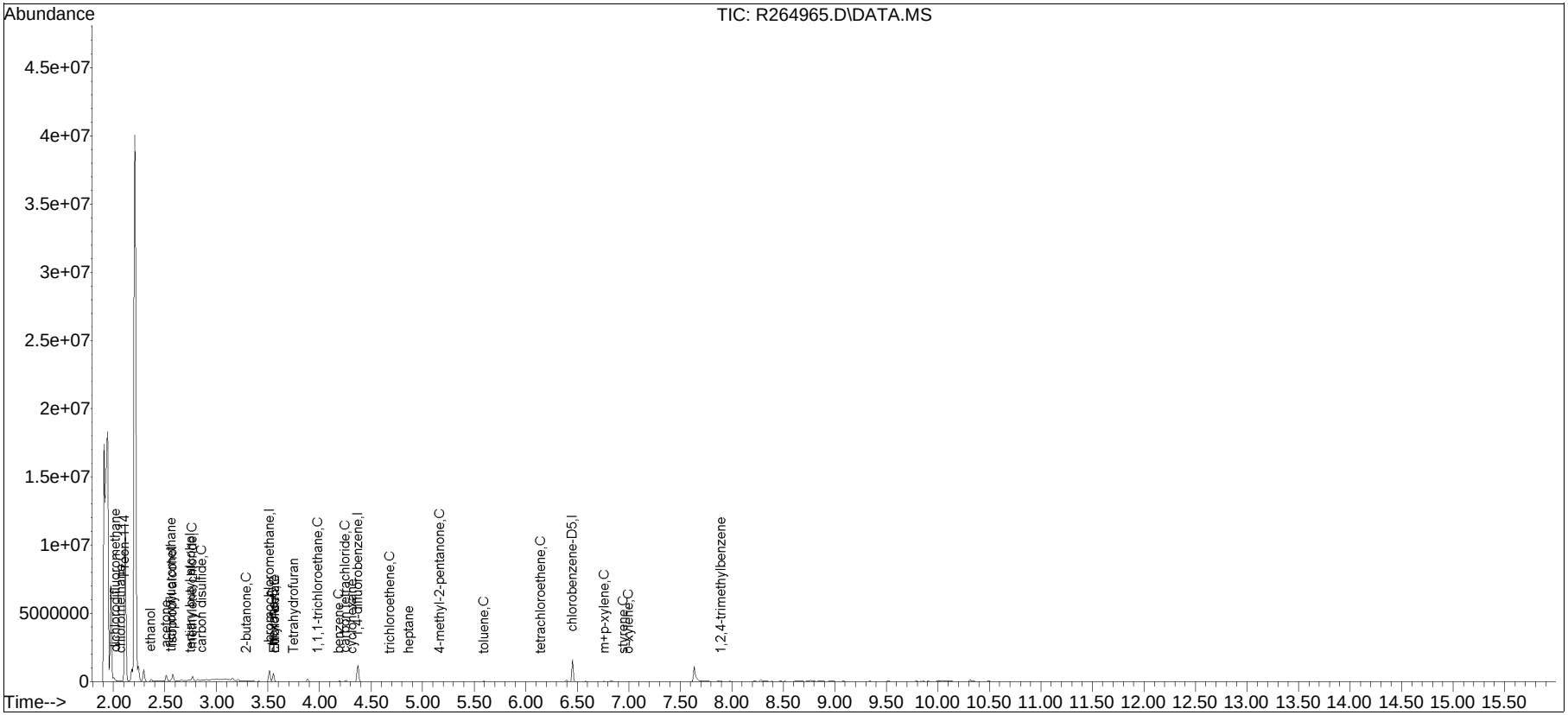
CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : TO15-NY+Naphthalene - .

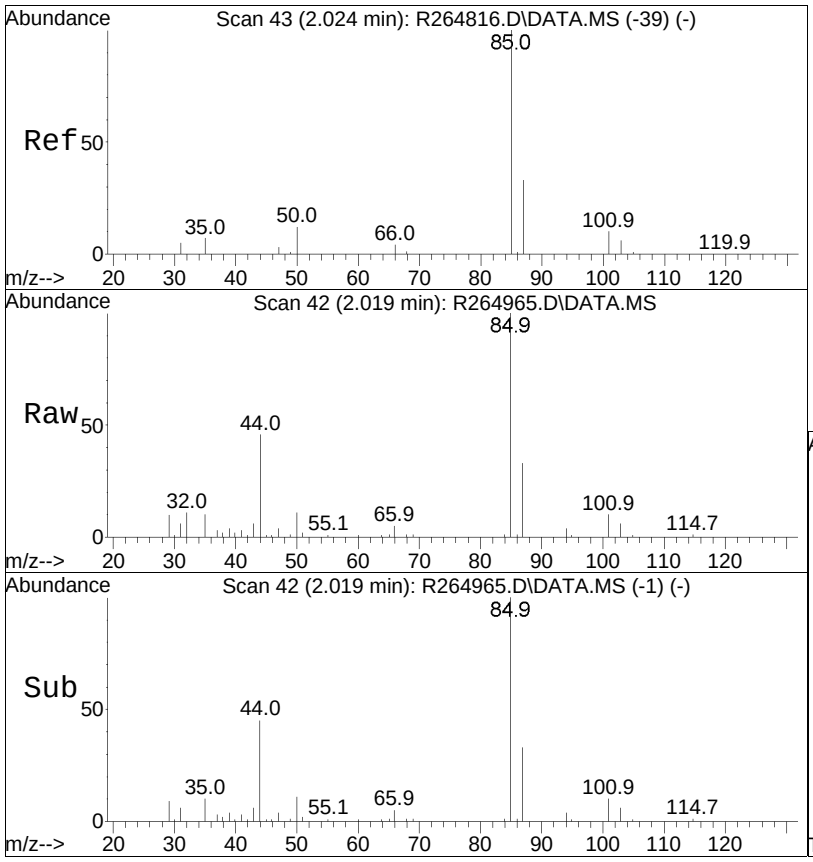
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\07\0715T\R264943.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264965.D
Acq On : 16 Jul 2025 04:01 am
Operator : AIRLAB26:RAY
Sample : L2543344-04,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 06:31:21 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

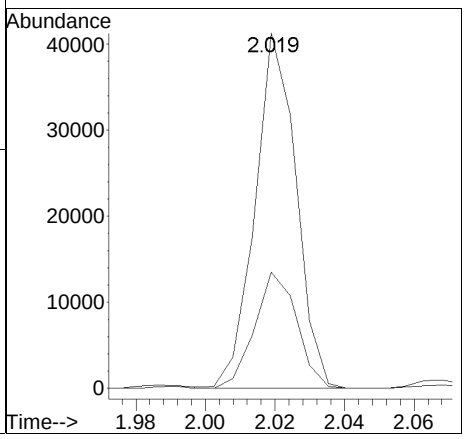


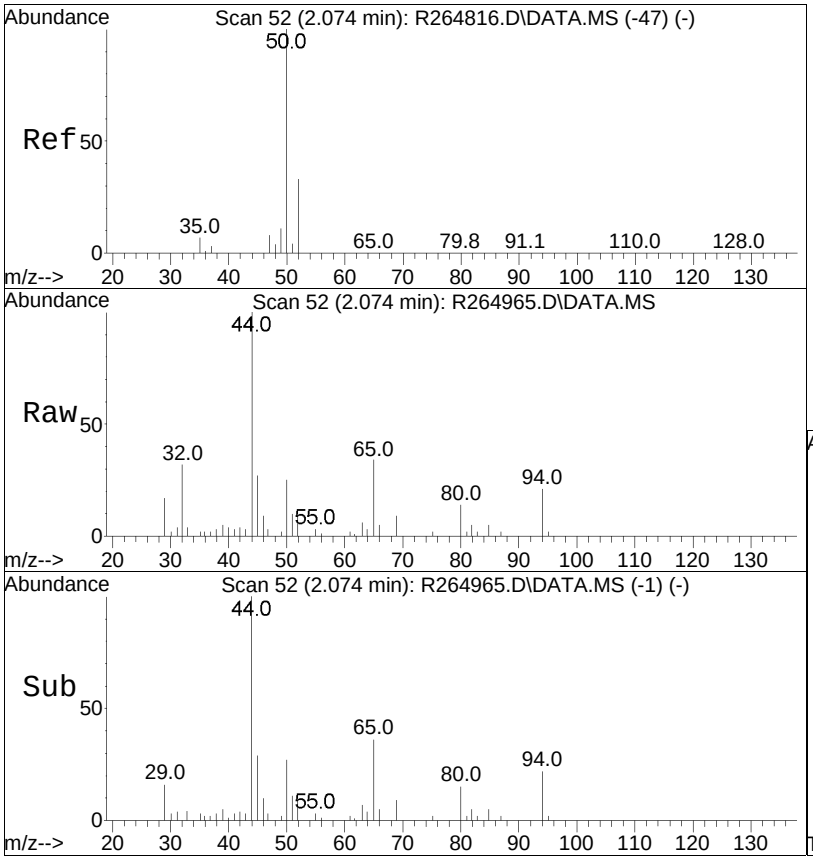


#5
dichlorodifluoromethane
Concen: 0.96 ppbV
RT: 2.019 min Scan# 42
Delta R.T. -0.006 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 85 Resp: 33867

Ion	Ratio	Lower	Upper
85	100		
87	32.7	26.1	39.1

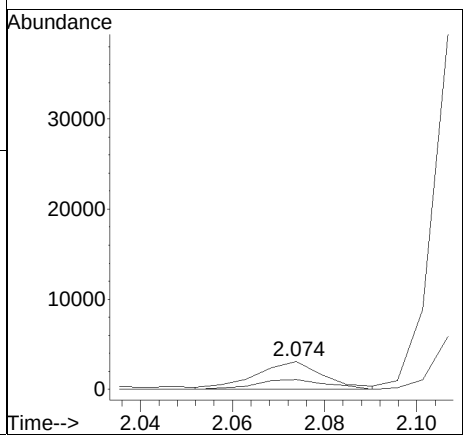


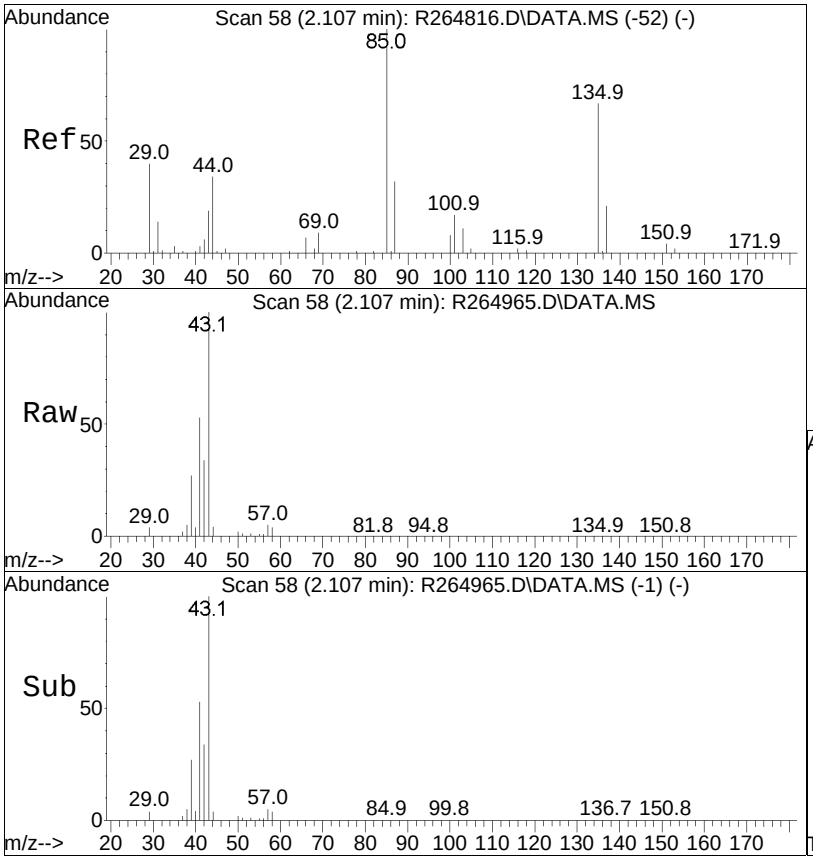


#6
chloromethane
Concen: 0.29 ppbV m
RT: 2.074 min Scan# 52
Delta R.T. -0.000 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 50 Resp: 3183

Ion	Ratio	Lower	Upper
50	100		
52	35.6	26.6	40.0

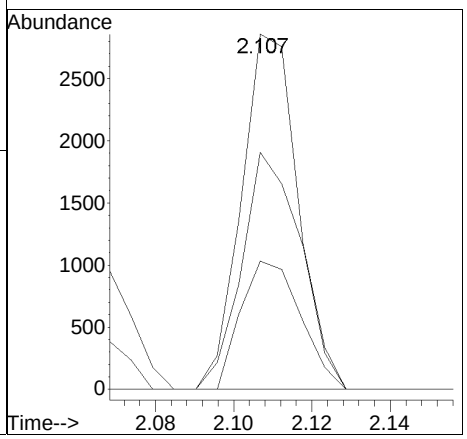


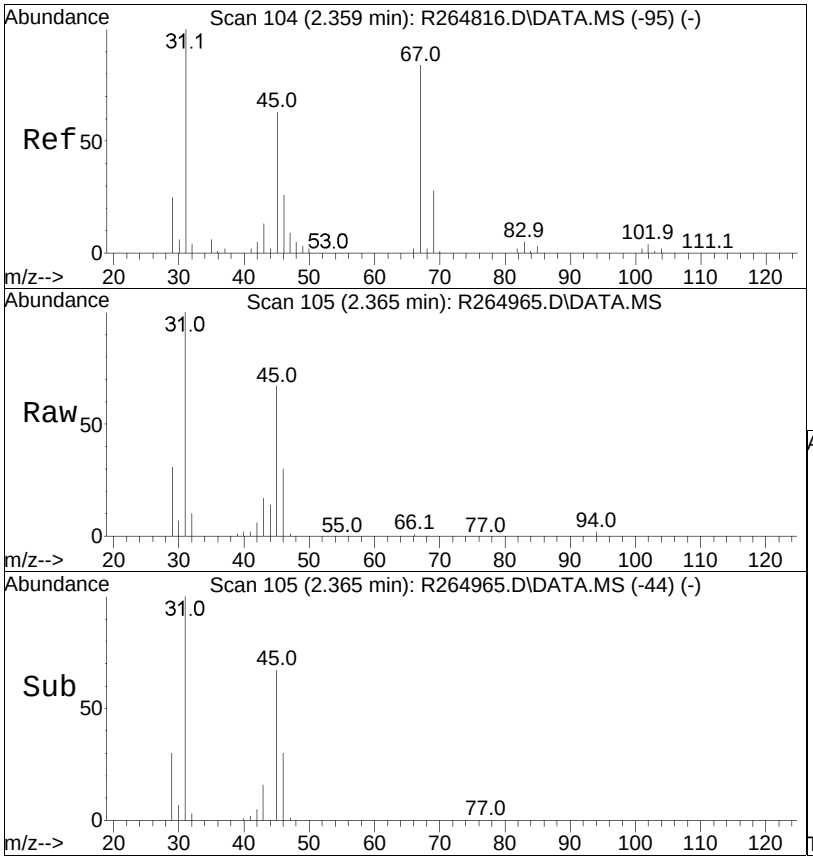


#7
Freon-114
Concen: 0.08 ppbV
RT: 2.107 min Scan# 58
Delta R.T. -0.000 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 85 Resp: 2882

Ion	Ratio	Lower	Upper
85	100		
87	36.1	25.8	38.6
135	66.7	53.6	80.4

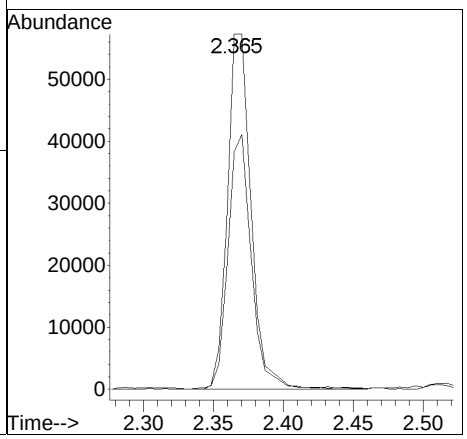


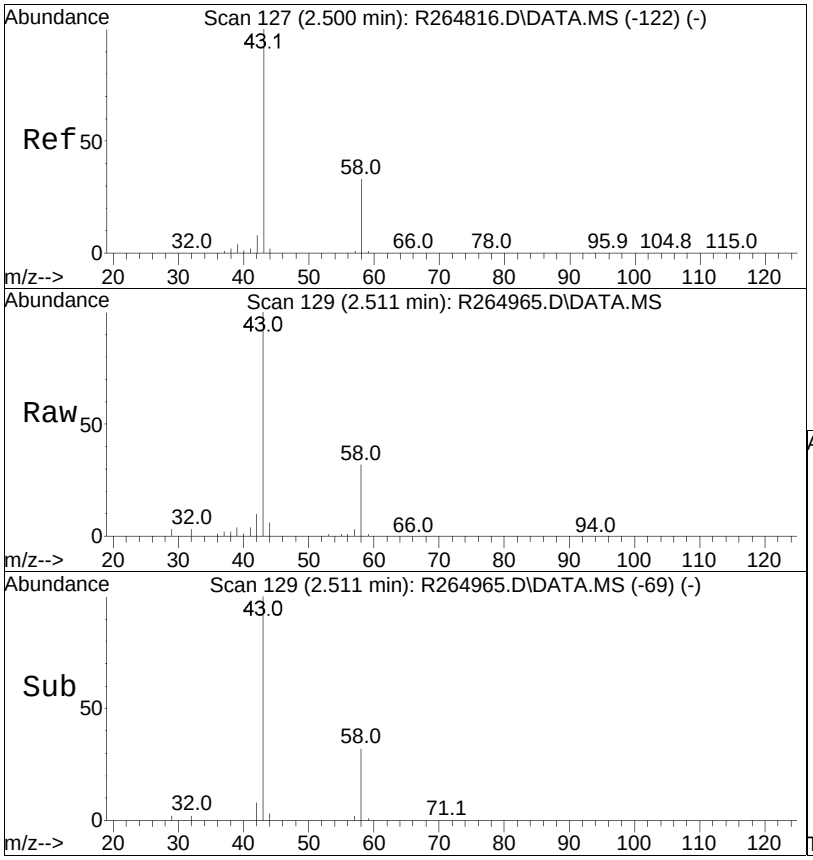


#15
ethanol
Concen: 9.76 ppbV
RT: 2.365 min Scan# 105
Delta R.T. 0.005 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 31 Resp: 73945

Ion	Ratio	Lower	Upper
31	100		
45	66.9	50.7	76.1

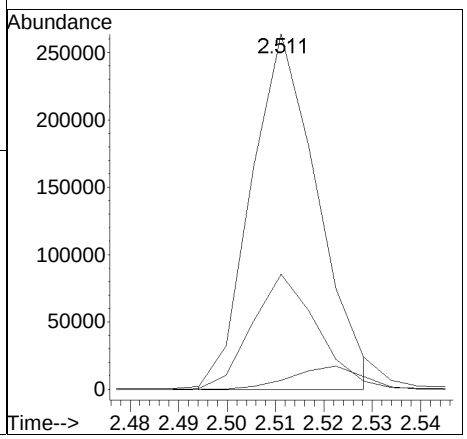


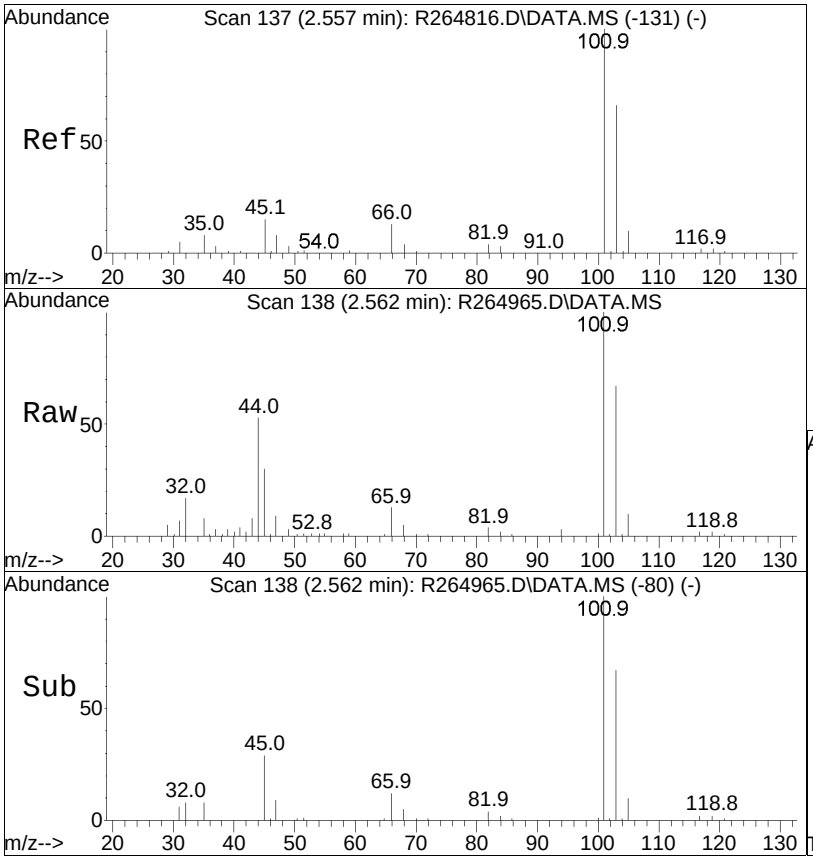


#19
acetone
Concen: 14.42 ppbV m
RT: 2.511 min Scan# 129
Delta R.T. 0.011 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 43 Resp: 251803

Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.3	39.5
57	2.6	0.8	1.2#

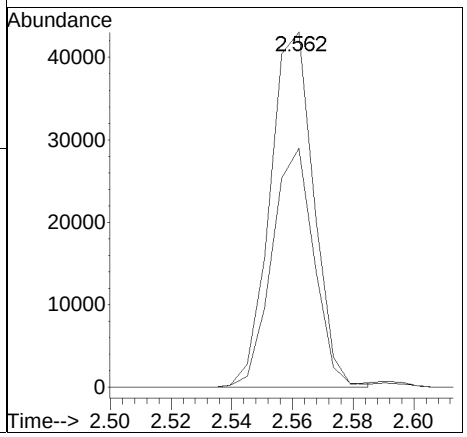


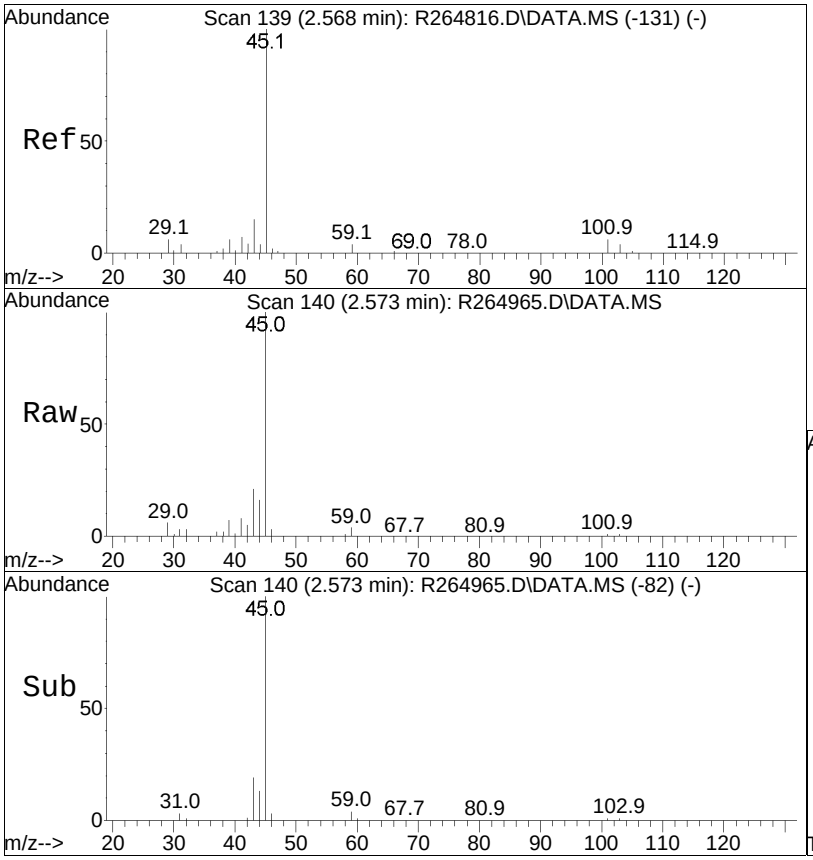


#21
trichlorofluoromethane
Concen: 1.18 ppbV
RT: 2.562 min Scan# 138
Delta R.T. 0.006 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion:101 Resp: 43174

Ion	Ratio	Lower	Upper
101	100		
103	67.3	53.0	79.6

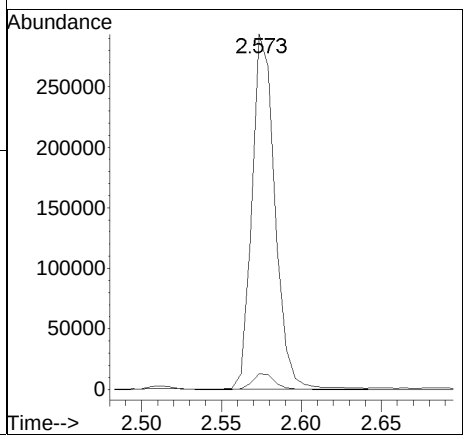


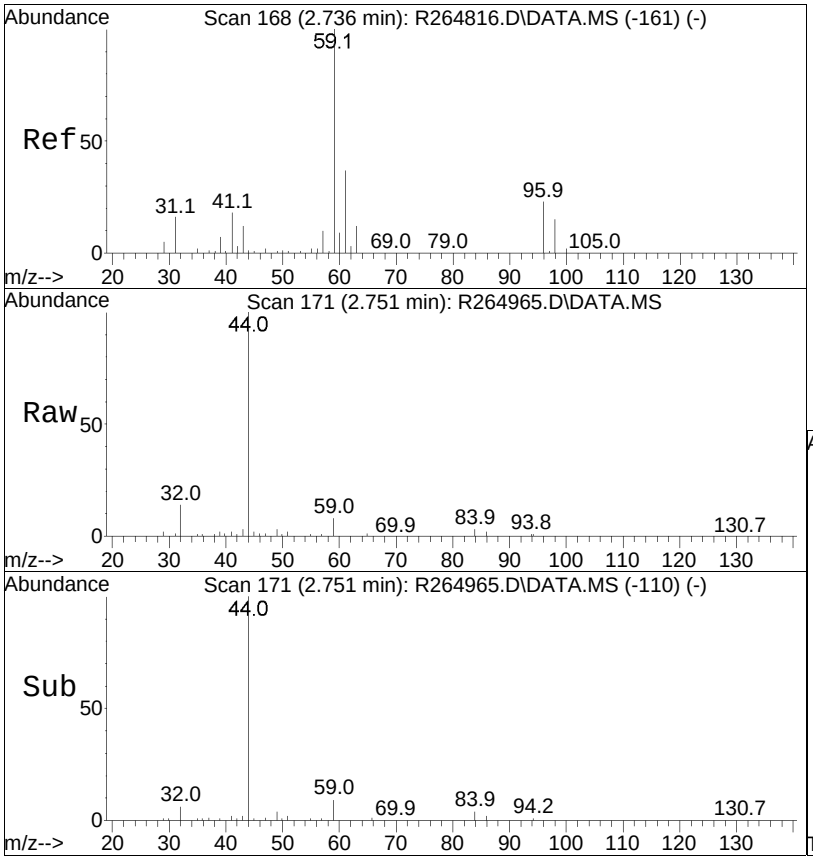


#22
isopropyl alcohol
Concen: 14.34 ppbV
RT: 2.573 min Scan# 140
Delta R.T. 0.006 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 45 Resp: 292711

Ion	Ratio	Lower	Upper
45	100		
59	4.4	3.5	5.3

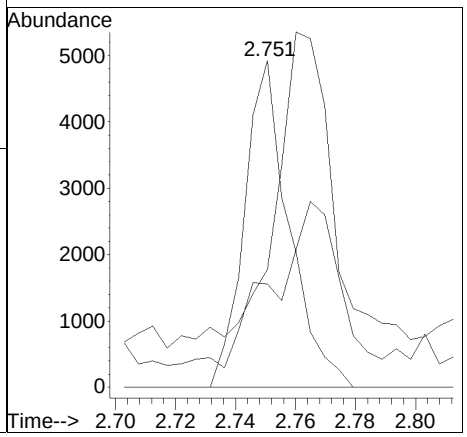


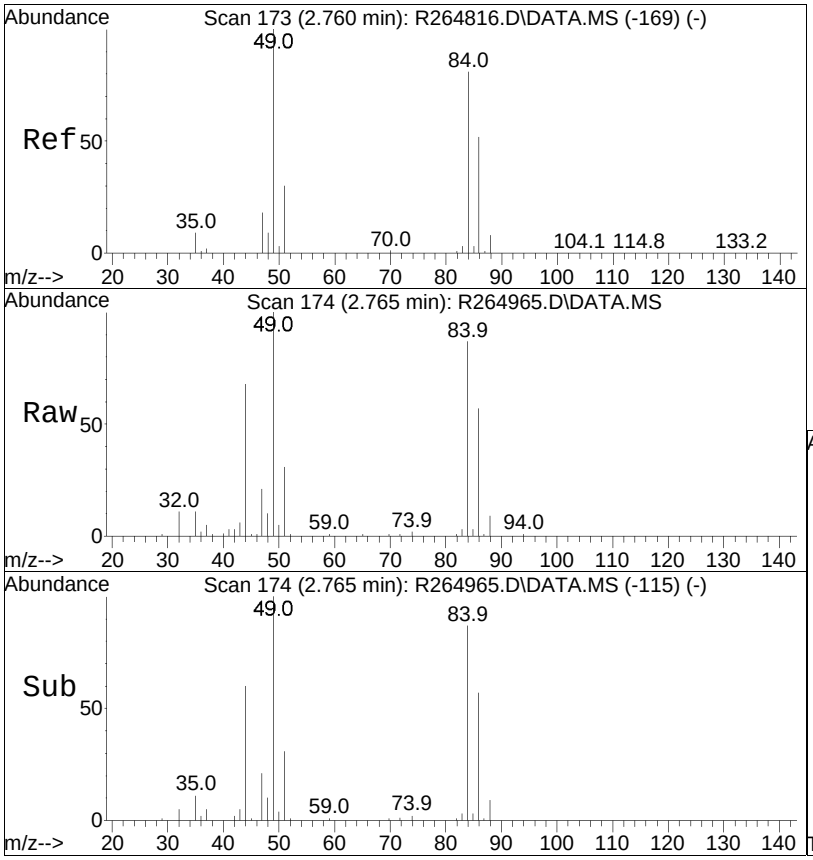


#27
tertiary butyl alcohol
Concen: 0.16 ppbV
RT: 2.751 min Scan# 171
Delta R.T. 0.014 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 59 Resp: 5098

Ion	Ratio	Lower	Upper
59	100		
41	31.7	14.3	21.5#
43	36.1	10.2	15.2#

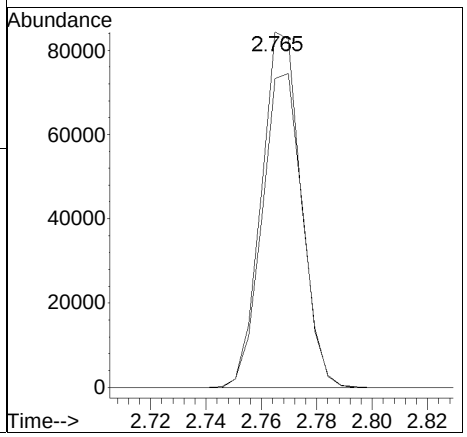


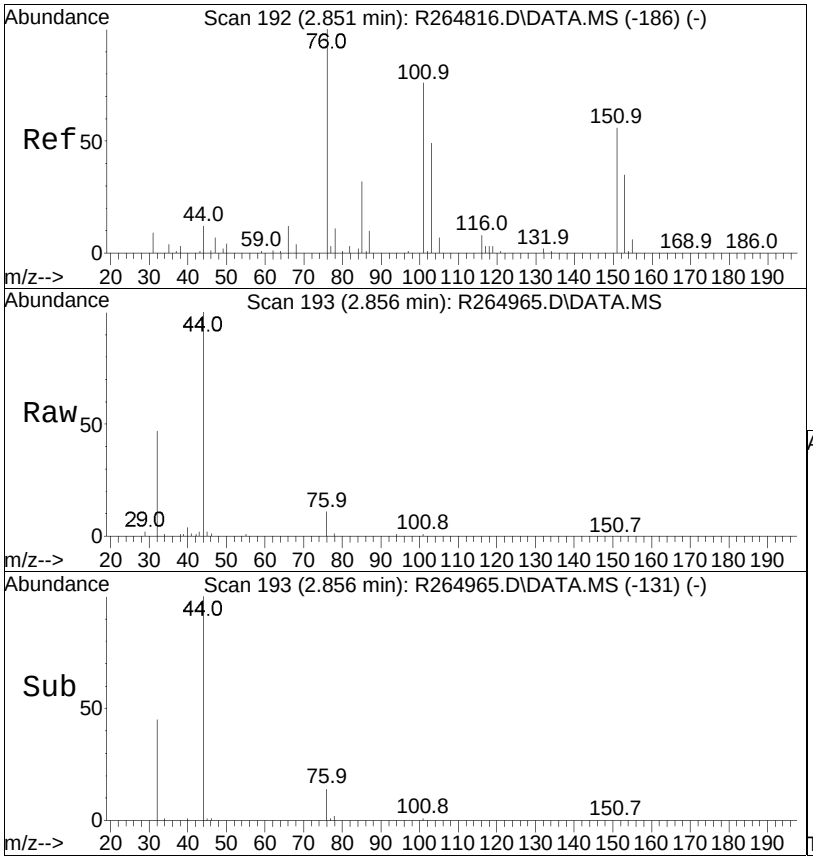


#28
methylene chloride
Concen: 5.49 ppbV
RT: 2.765 min Scan# 174
Delta R.T. 0.005 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 49 Resp: 83815

Ion	Ratio	Lower	Upper
49	100		
84	86.9	64.4	96.6

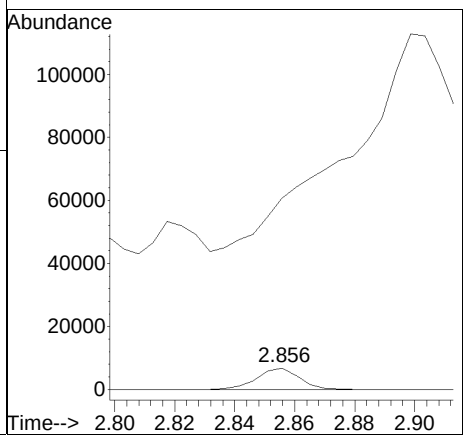


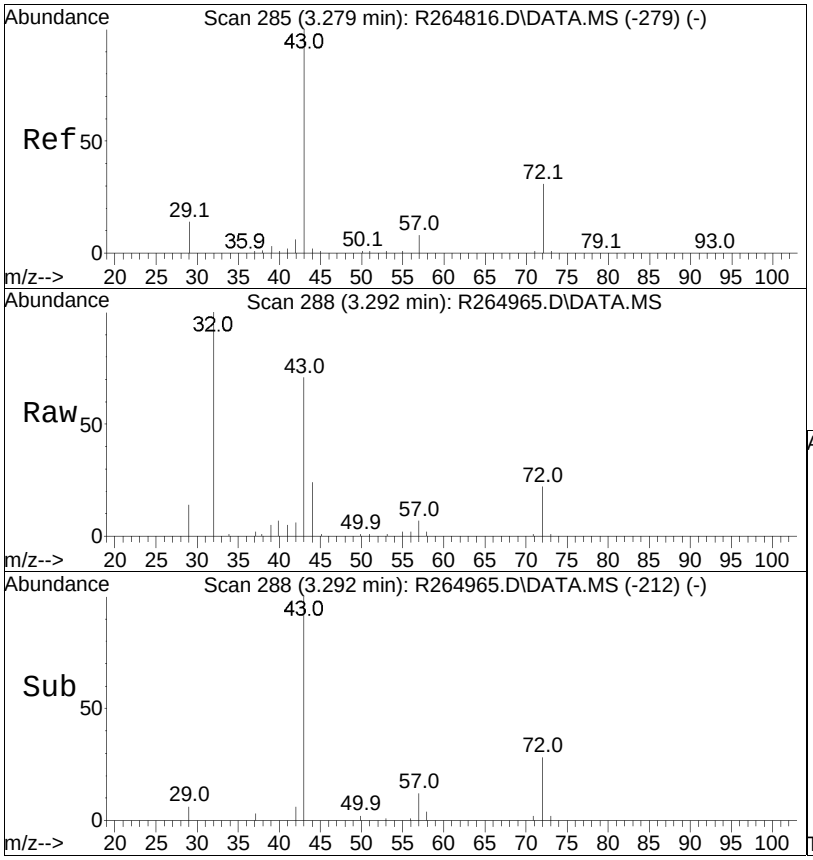


#30
carbon disulfide
Concen: 0.18 ppbV
RT: 2.856 min Scan# 193
Delta R.T. 0.005 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 76 Resp: 6608

Ion	Ratio	Lower	Upper
76	100		
44	896.4	11.7	17.5#

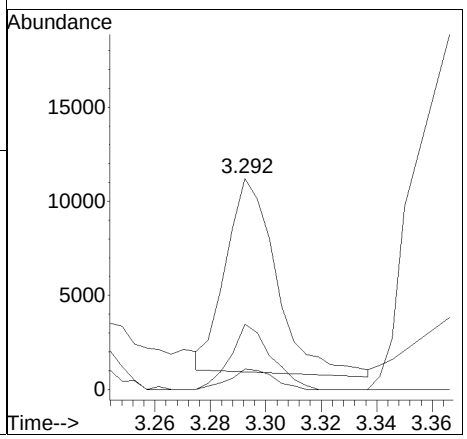


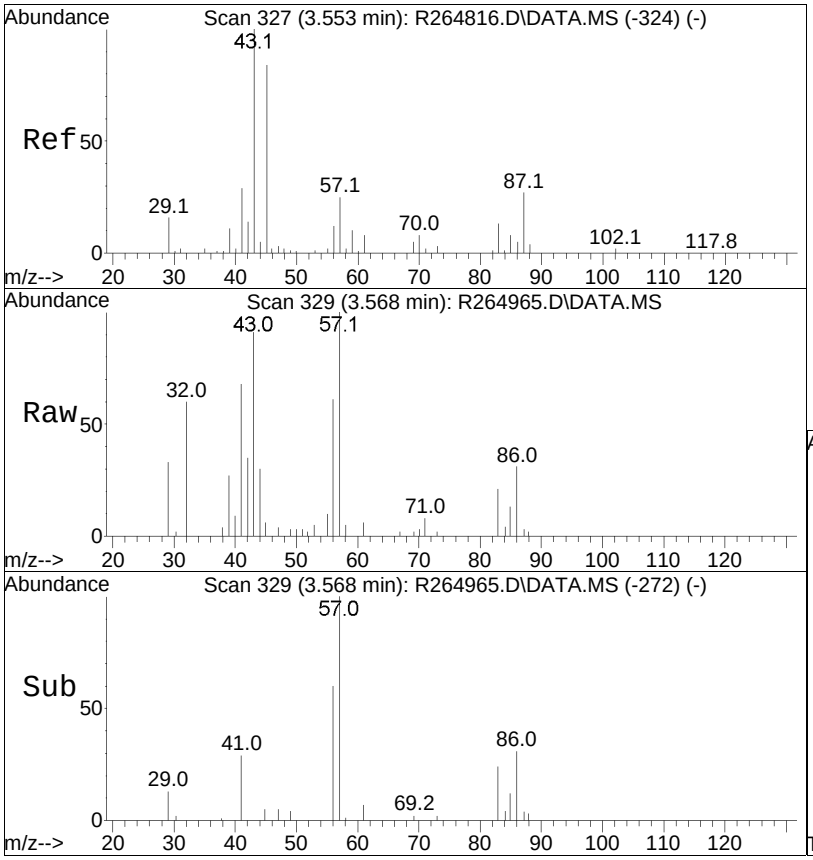


#36
2-butanone
Concen: 0.50 ppbV
RT: 3.292 min Scan# 288
Delta R.T. 0.013 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 43 Resp: 13057

Ion	Ratio	Lower	Upper
43	100		
72	30.9	24.4	36.6
57	9.7	6.7	10.1

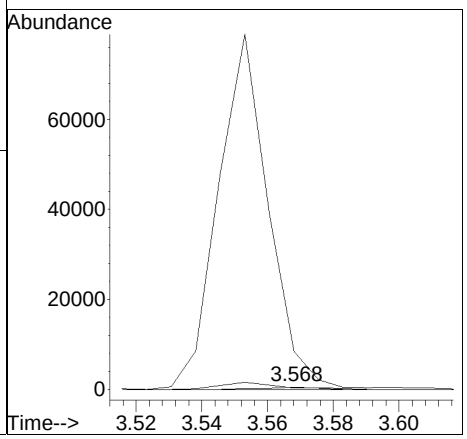


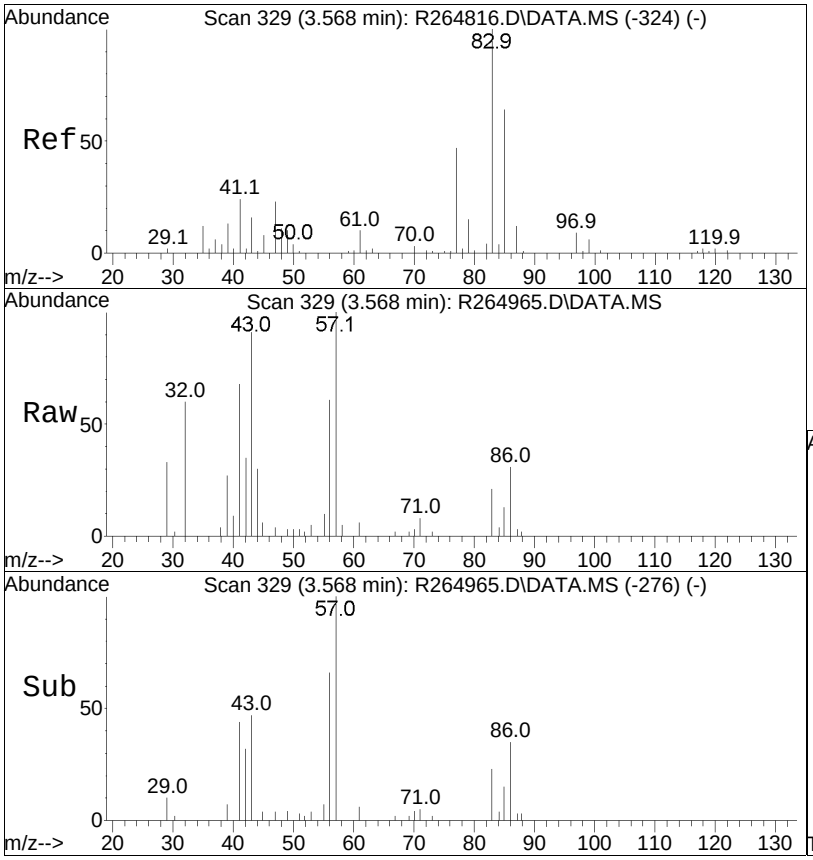


#38
Ethyl Acetate
Concen: 0.10 ppbV
RT: 3.568 min Scan# 329
Delta R.T. 0.015 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 61 Resp: 570

Ion	Ratio	Lower	Upper
61	100		
70	62.3	75.3	112.9#
43	1644.7	998.6	1498.0#

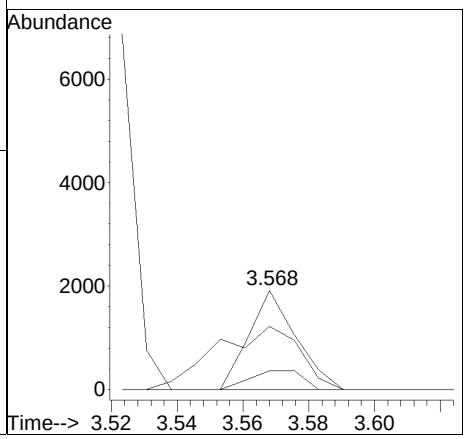


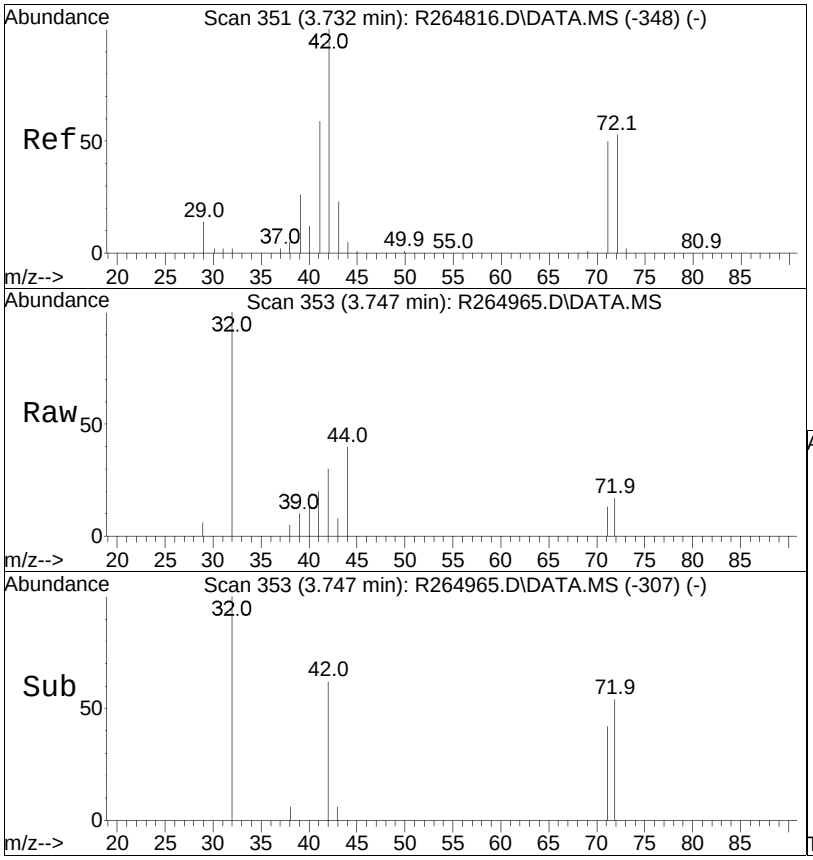


#39
chloroform
Concen: 0.06 ppbV
RT: 3.568 min Scan# 329
Delta R.T. -0.000 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 83 Resp: 1900

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.3	76.9
47	18.8	18.3	27.5

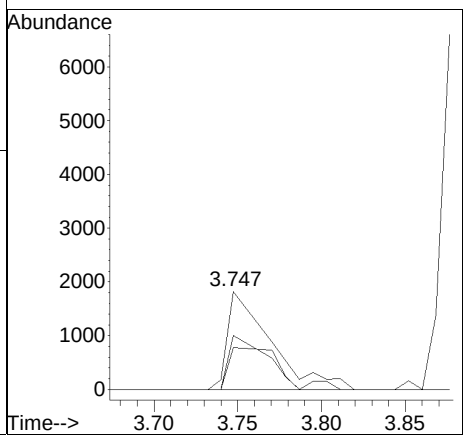


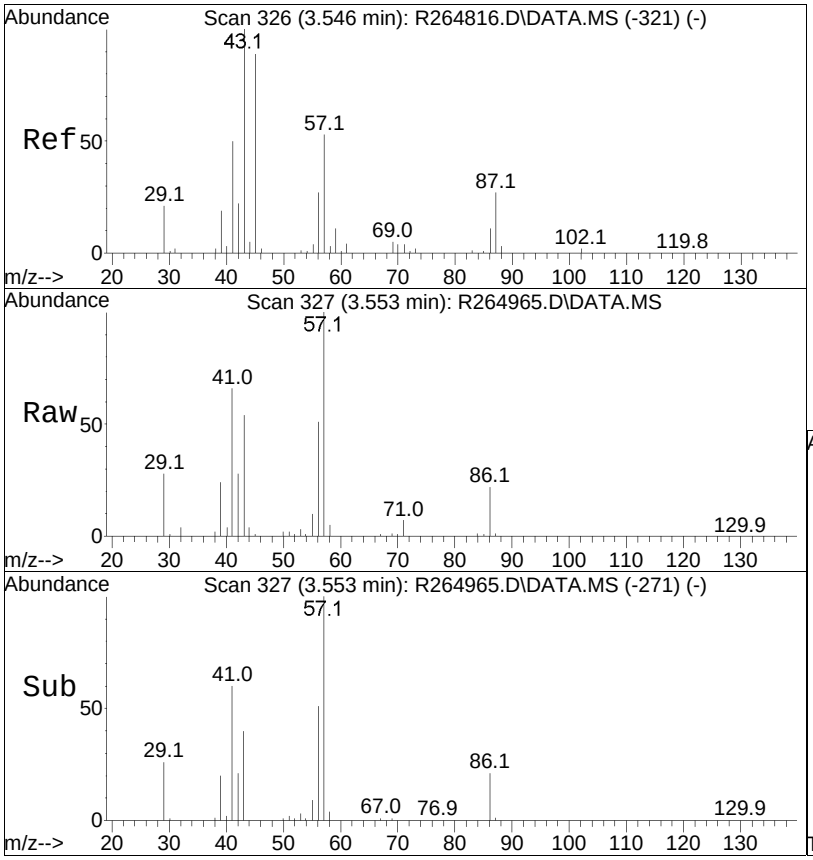


#40
Tetrahydrofuran
Concen: 0.19 ppbV
RT: 3.747 min Scan# 353
Delta R.T. 0.015 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 42 Resp: 2408

Ion	Ratio	Lower	Upper
42	100		
71	42.8	39.8	59.6
72	55.2	41.9	62.9

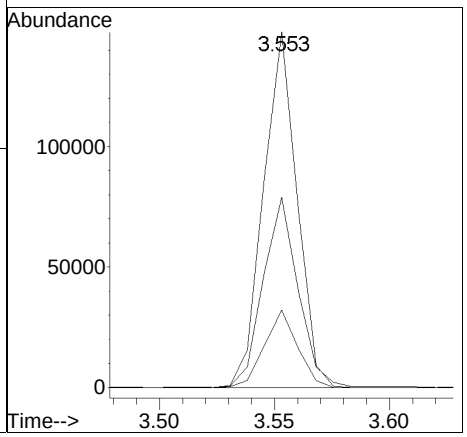


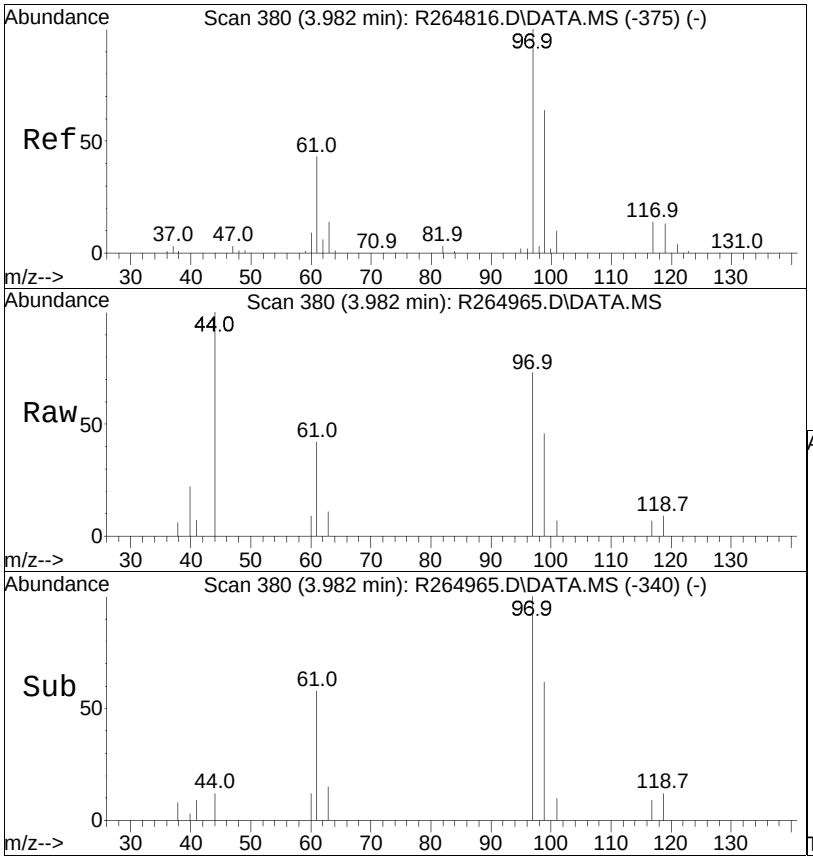


#44
hexane
Concen: 6.46 ppbV
RT: 3.553 min Scan# 327
Delta R.T. 0.007 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 57 Resp: 149239

Ion	Ratio	Lower	Upper
57	100		
43	53.5	150.0	225.0#
86	21.8	16.3	24.5

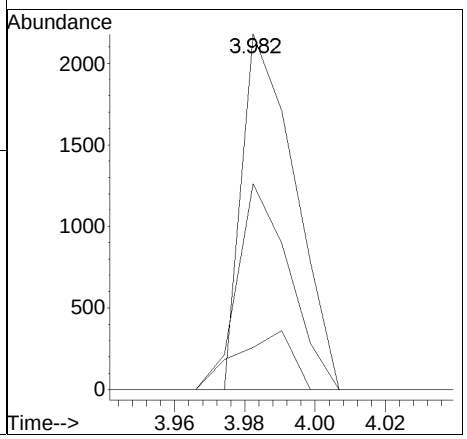


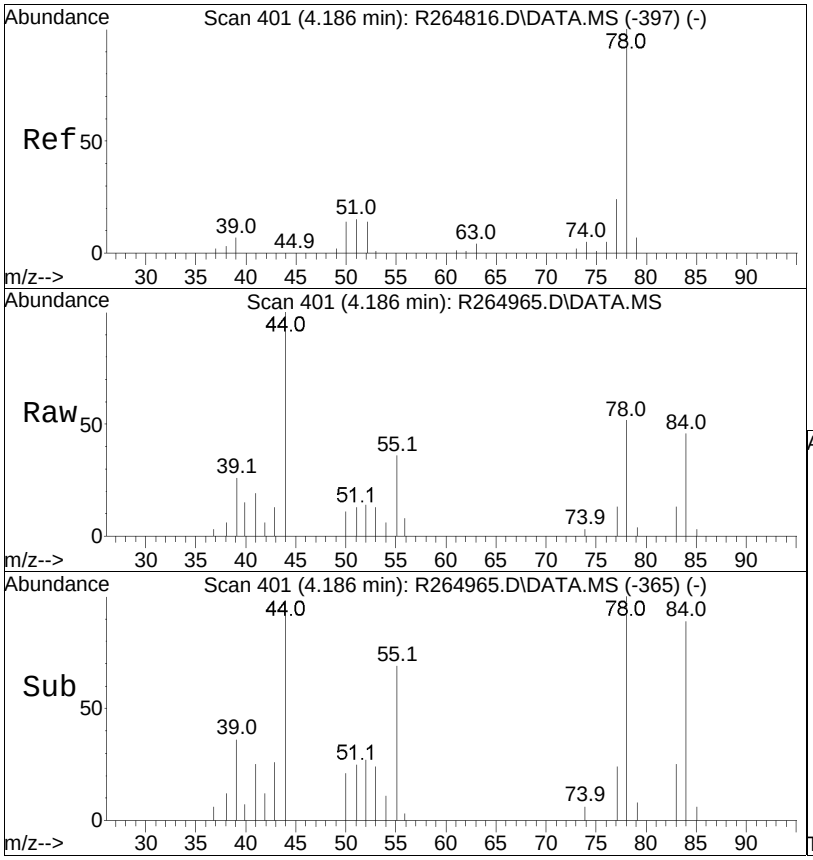


#48
1,1,1-trichloroethane
Concen: 0.06 ppbV
RT: 3.982 min Scan# 380
Delta R.T. -0.000 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 97 Resp: 2284

Ion	Ratio	Lower	Upper
97	100		
61	57.9	34.5	51.7#
119	11.8	10.6	15.8

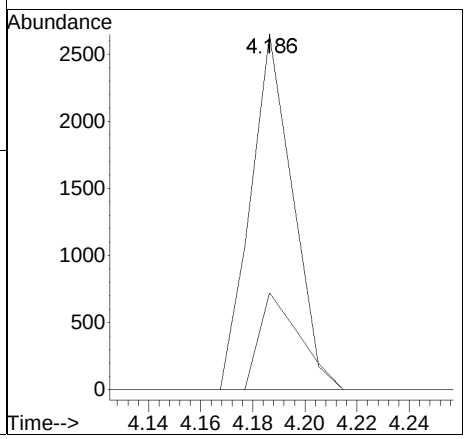


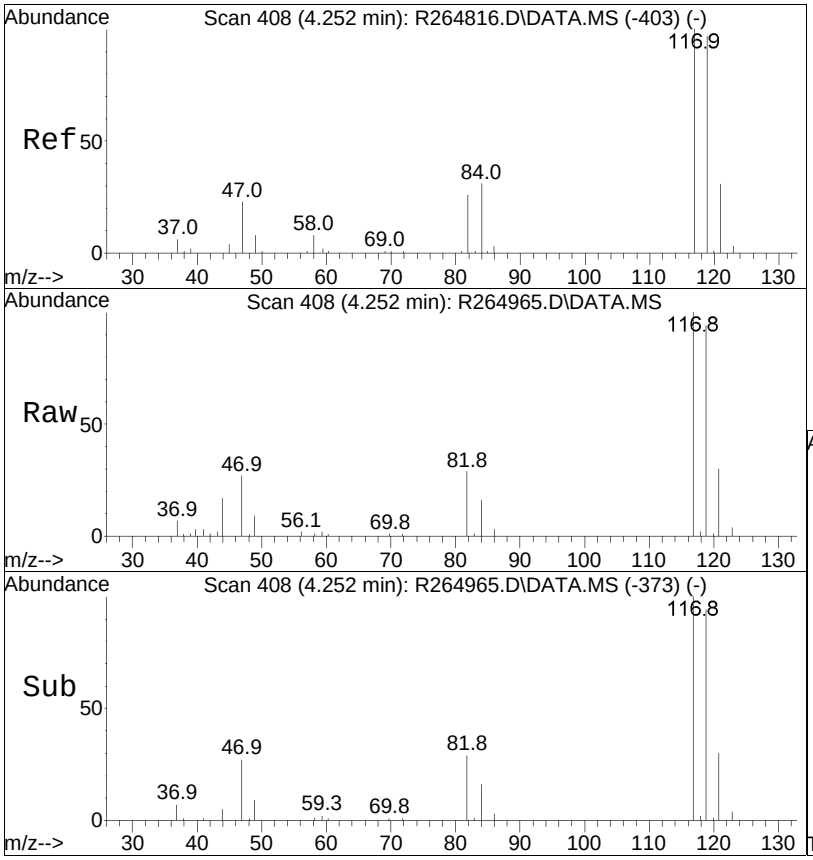


#50
benzene
Concen: 0.06 ppbV
RT: 4.186 min Scan# 401
Delta R.T. -0.000 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 78 Resp: 2990

Ion	Ratio	Lower	Upper
78	100		
52	27.2	11.4	17.0#

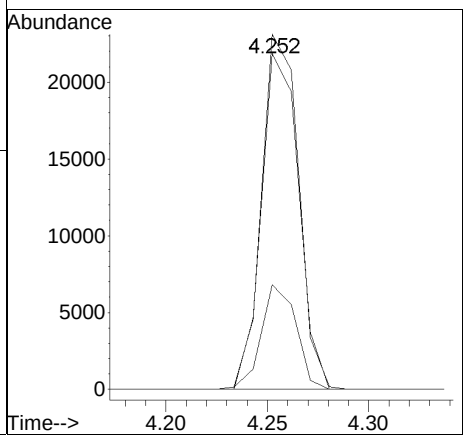


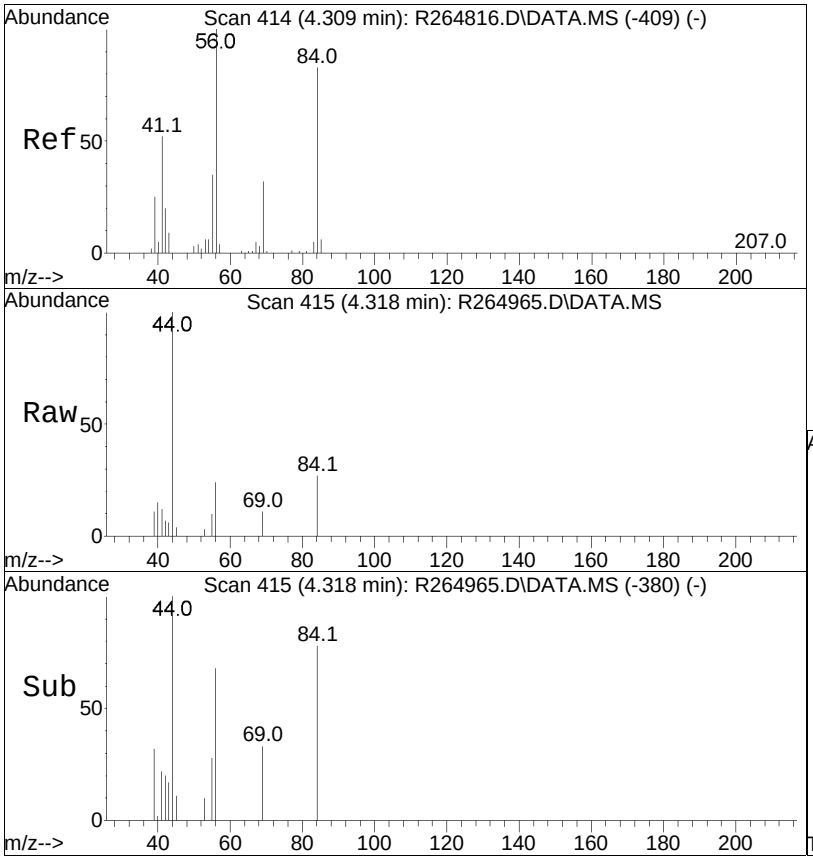


#52
carbon tetrachloride
Concen: 0.80 ppbV
RT: 4.252 min Scan# 408
Delta R.T. -0.000 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion:117 Resp: 29495

Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.3	115.9
82	29.4	20.7	31.1

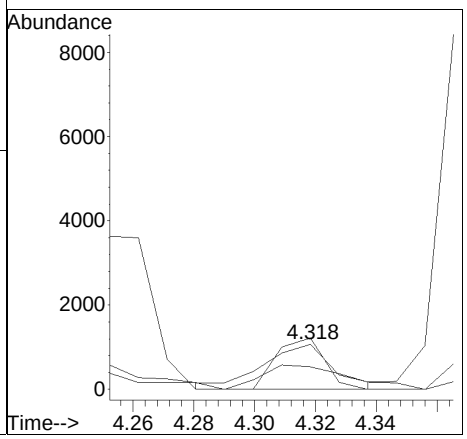


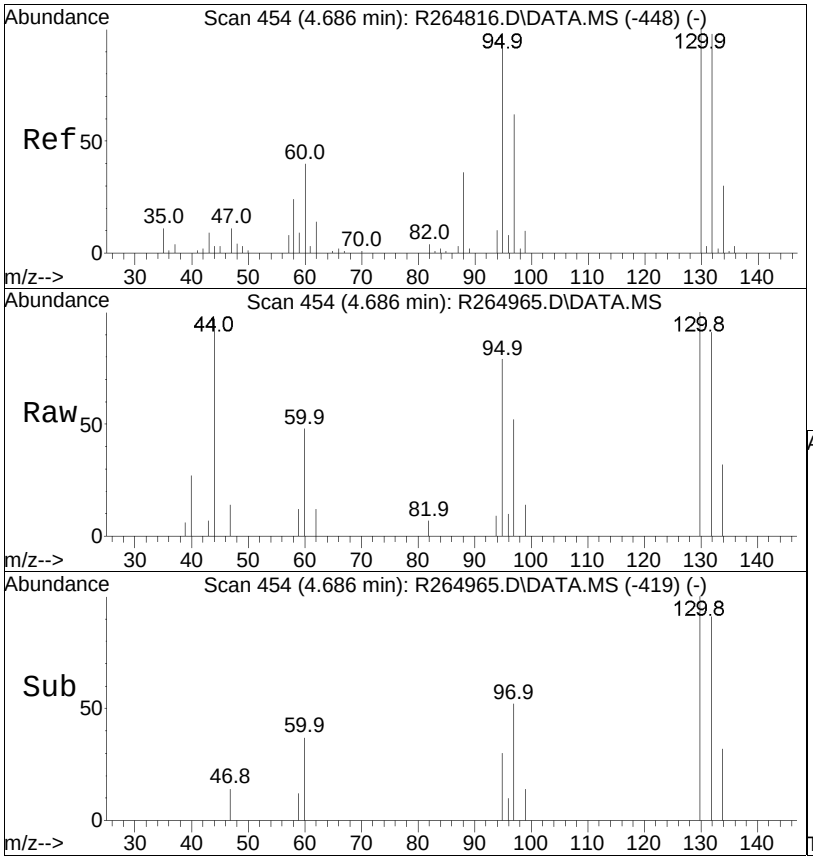


#53
cyclohexane
Concen: 0.07 ppbV
RT: 4.318 min Scan# 415
Delta R.T. 0.009 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 56 Resp: 1717

Ion	Ratio	Lower	Upper
56	100		
84	114.1	75.4	113.2#
41	50.1	41.4	62.0

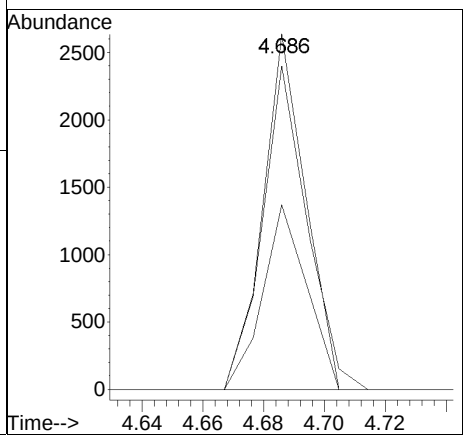


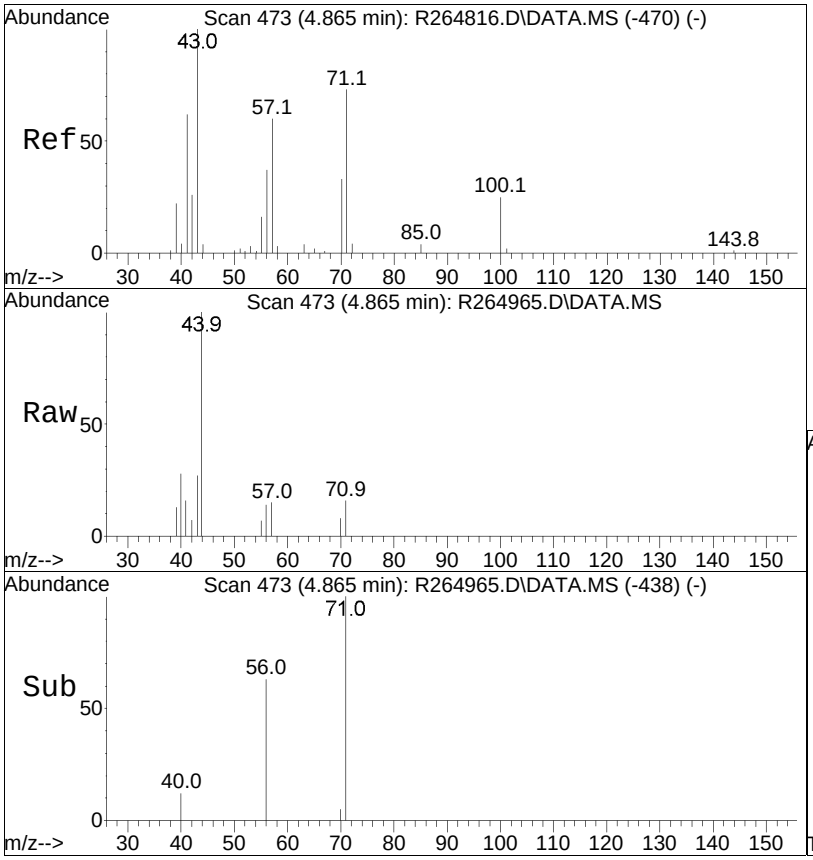


#59
trichloroethene
Concen: 0.10 ppbV
RT: 4.686 min Scan# 454
Delta R.T. -0.000 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion:130 Resp: 2577

Ion	Ratio	Lower	Upper
130	100		
132	91.0	78.1	117.1
97	51.9	49.2	73.8

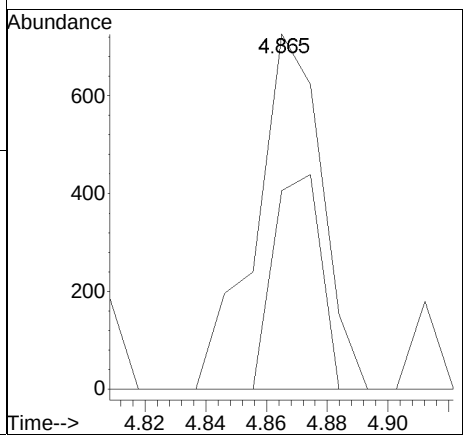


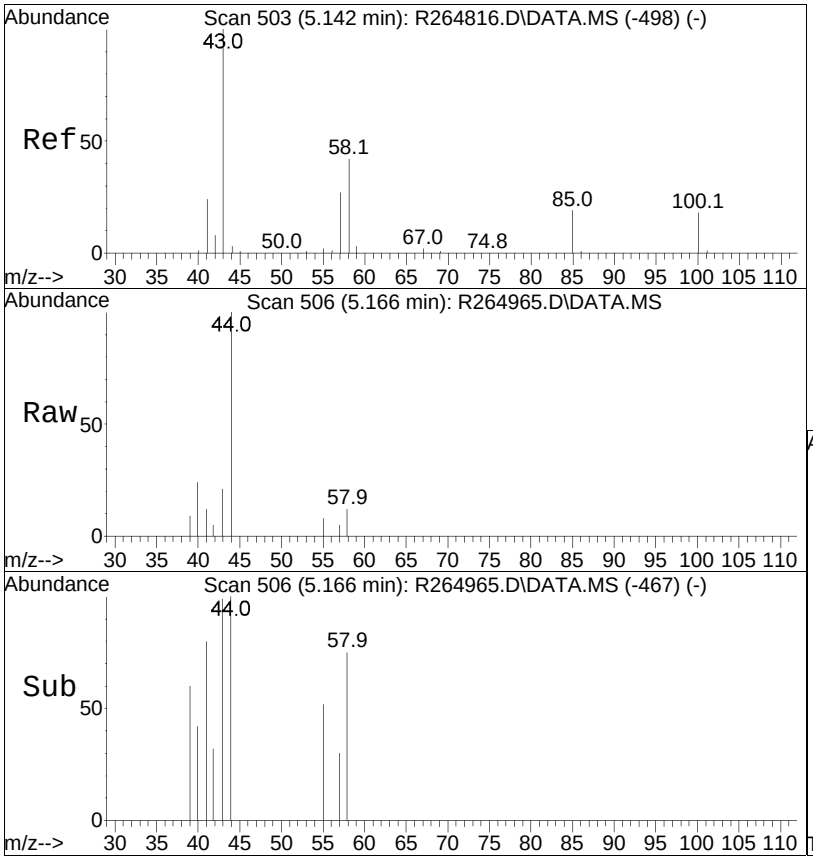


#62
heptane
Concen: 0.04 ppbV
RT: 4.865 min Scan# 473
Delta R.T. -0.000 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 43 Resp: 1096

Ion	Ratio	Lower	Upper
43	100		
57	55.9	47.8	71.8
100	0.0	20.1	30.1#

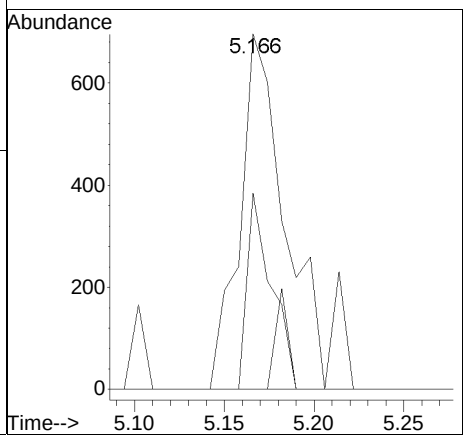


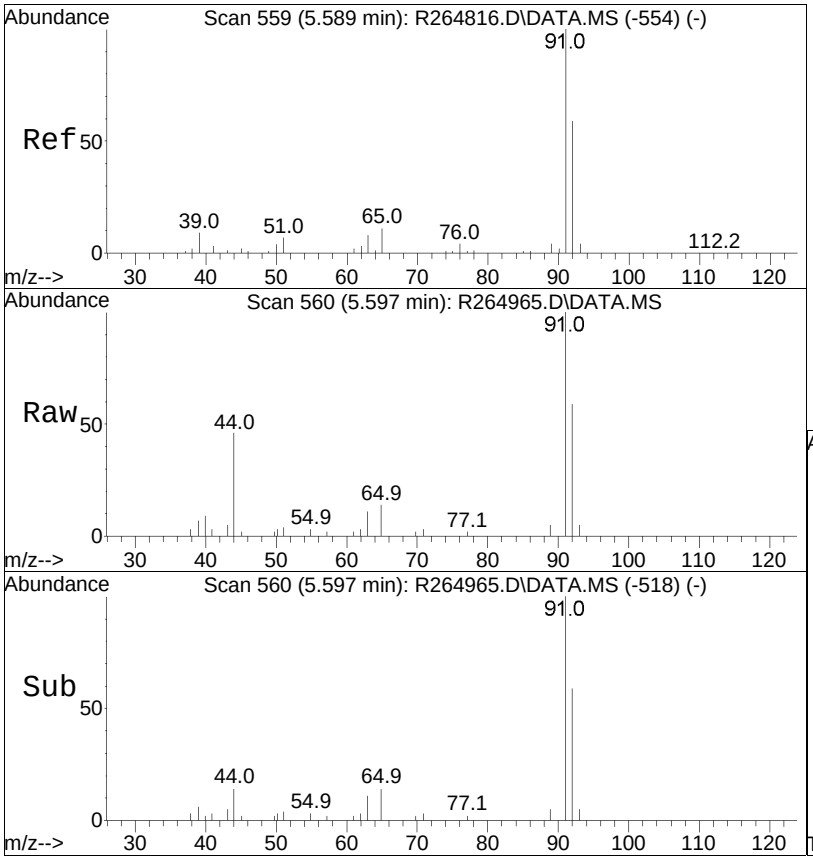


#64
4-methyl-2-pentanone
Concen: 0.04 ppbV
RT: 5.166 min Scan# 506
Delta R.T. 0.024 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 43 Resp: 1327

Ion	Ratio	Lower	Upper
43	100		
58	55.2	33.9	50.9#
100	0.0	14.2	21.4#

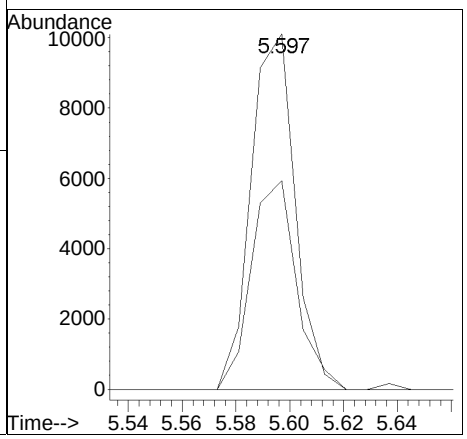


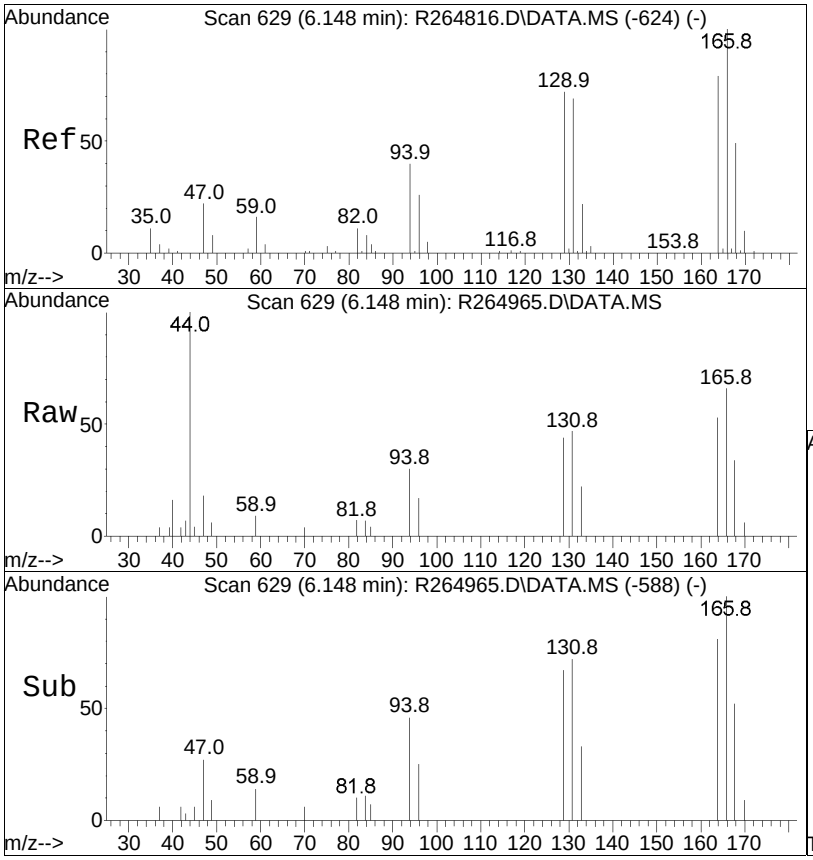


#68
toluene
Concen: 0.19 ppbV
RT: 5.597 min Scan# 560
Delta R.T. 0.008 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 91 Resp: 11537

Ion	Ratio	Lower	Upper
91	100		
92	58.7	47.1	70.7

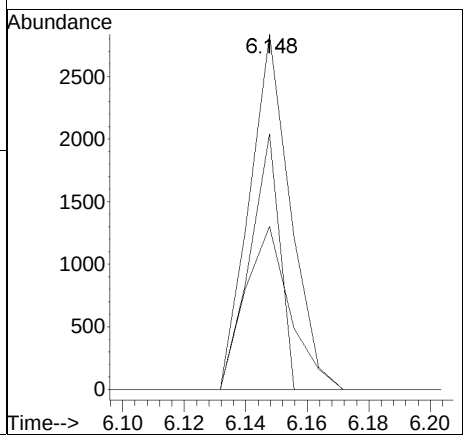


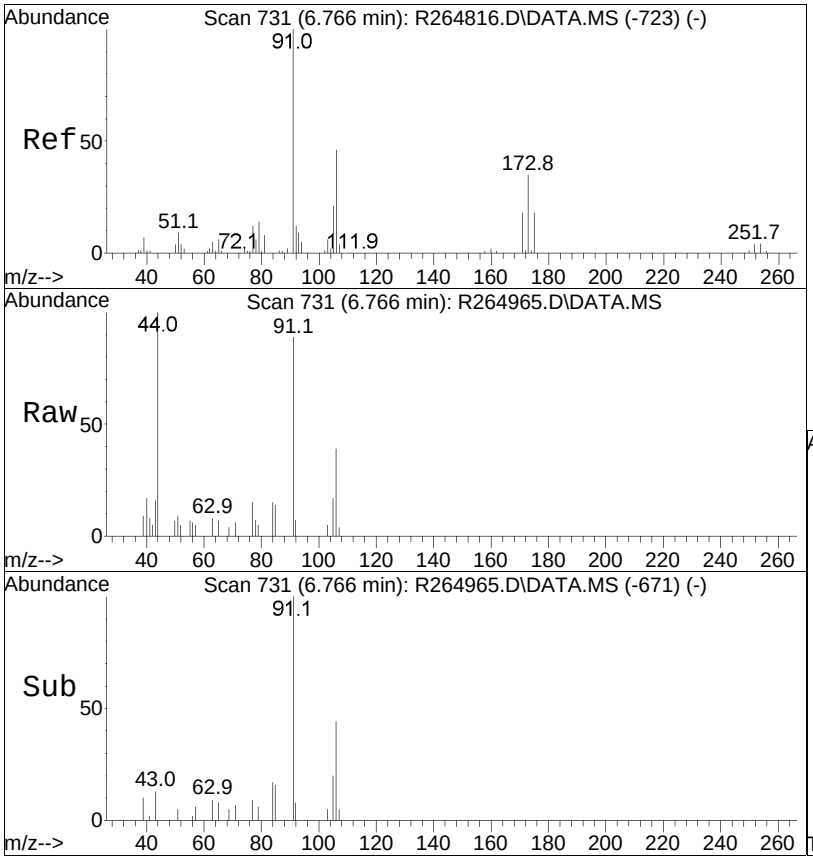


#78
tetrachloroethene
Concen: 0.09 ppbV
RT: 6.148 min Scan# 629
Delta R.T. -0.000 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion:166 Resp: 2622

Ion	Ratio	Lower	Upper
166	100		
131	71.9	55.5	83.3
94	45.9	31.8	47.6

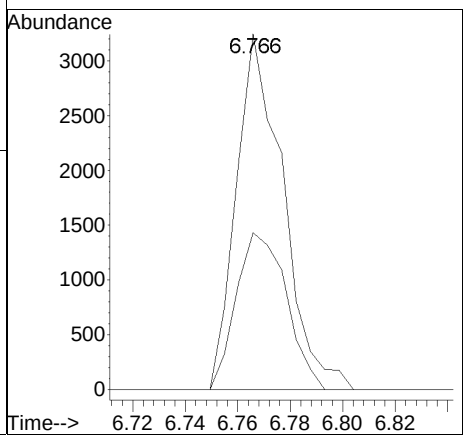


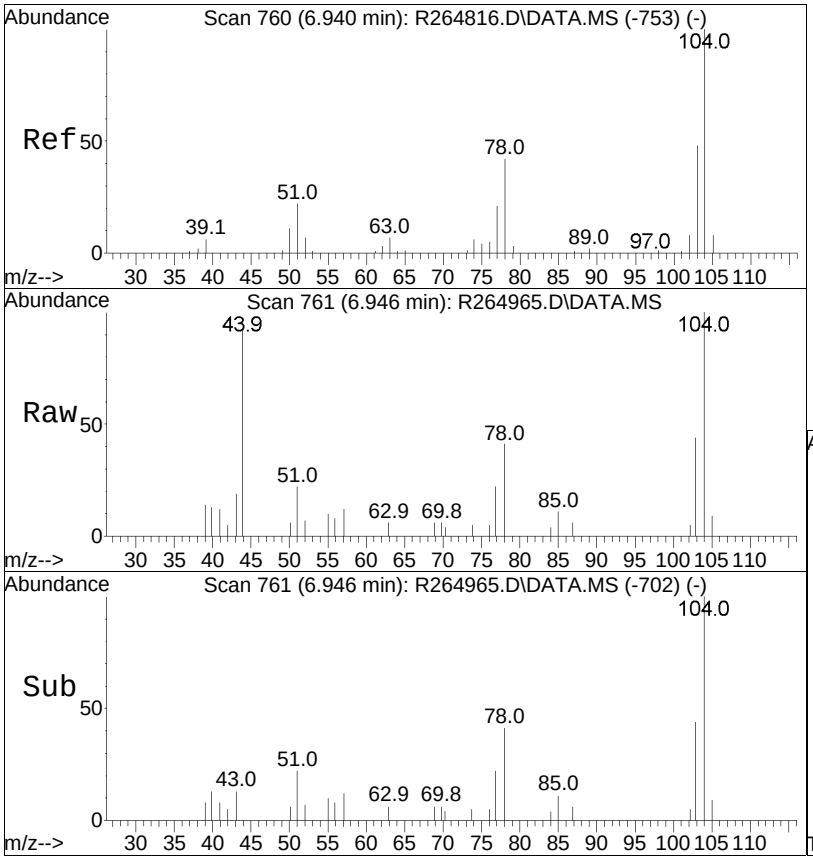


#83
m+p-xylene
Concen: 0.06 ppbV
RT: 6.766 min Scan# 731
Delta R.T. -0.000 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 91 Resp: 4000

Ion	Ratio	Lower	Upper
91	100		
106	44.1	37.1	55.7

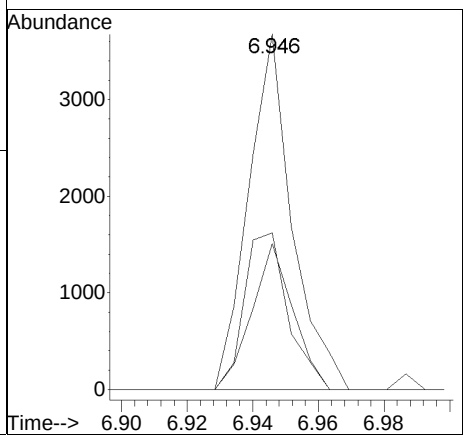


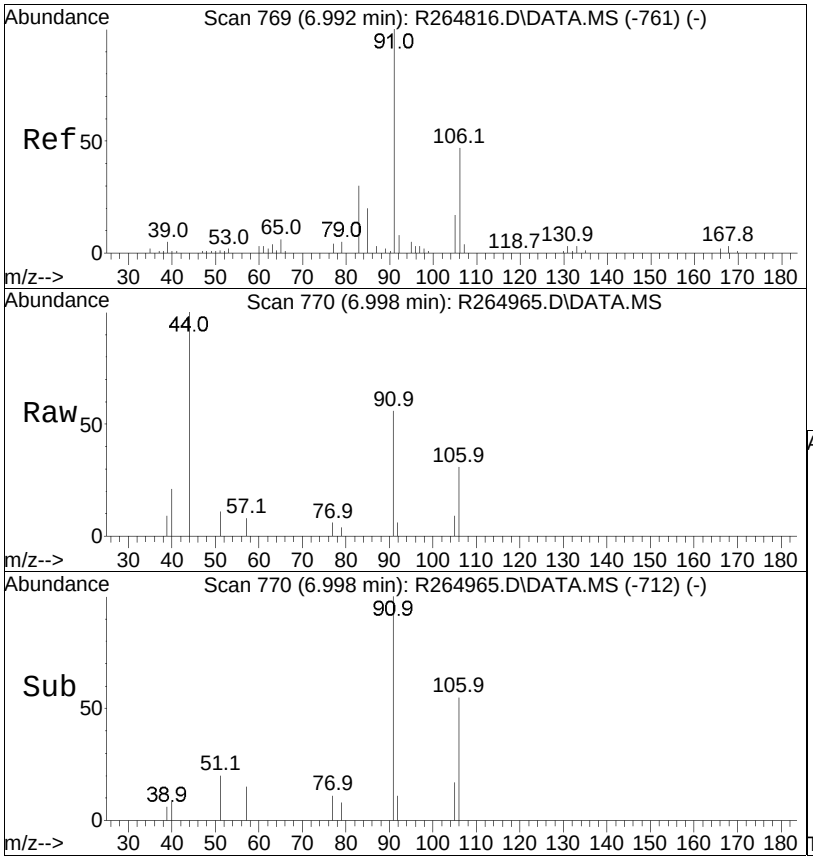


#85
styrene
Concen: 0.07 ppbV
RT: 6.946 min Scan# 761
Delta R.T. 0.006 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion:104 Resp: 3404

Ion	Ratio	Lower	Upper
104	100		
103	44.1	38.5	57.7
78	41.1	33.7	50.5

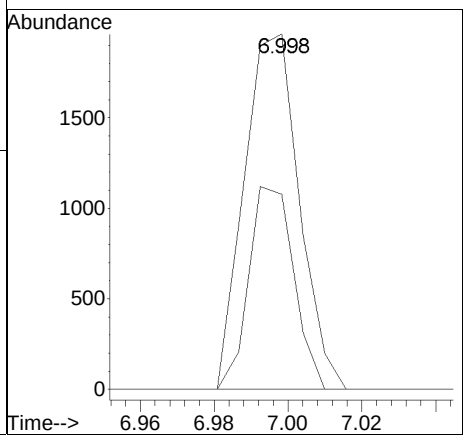


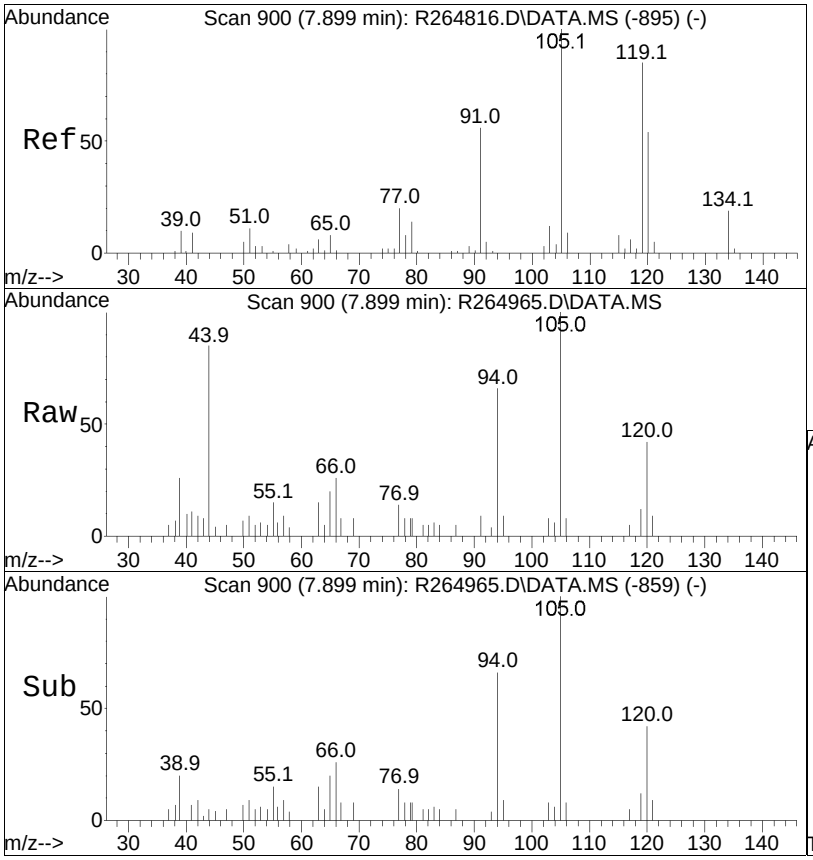


#87
o-xylene
Concen: 0.03 ppbV
RT: 6.998 min Scan# 770
Delta R.T. 0.006 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion: 91 Resp: 2033

Ion	Ratio	Lower	Upper
91	100		
106	54.9	38.1	57.1

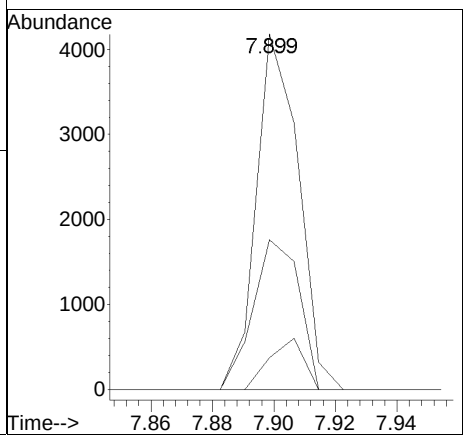




#99
1,2,4-trimethylbenzene
Concen: 0.05 ppbV
RT: 7.899 min Scan# 900
Delta R.T. -0.000 min
Lab File: R264965.D
Acq: 16 Jul 2025 04:01 am

Tgt Ion:105 Resp: 3982

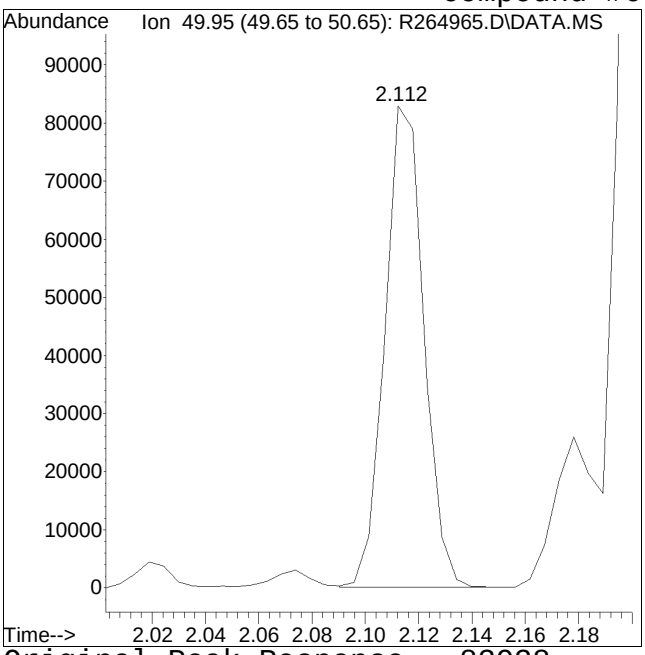
Ion	Ratio	Lower	Upper
105	100		
120	42.1	43.2	64.8#
91	8.9	44.4	66.6#



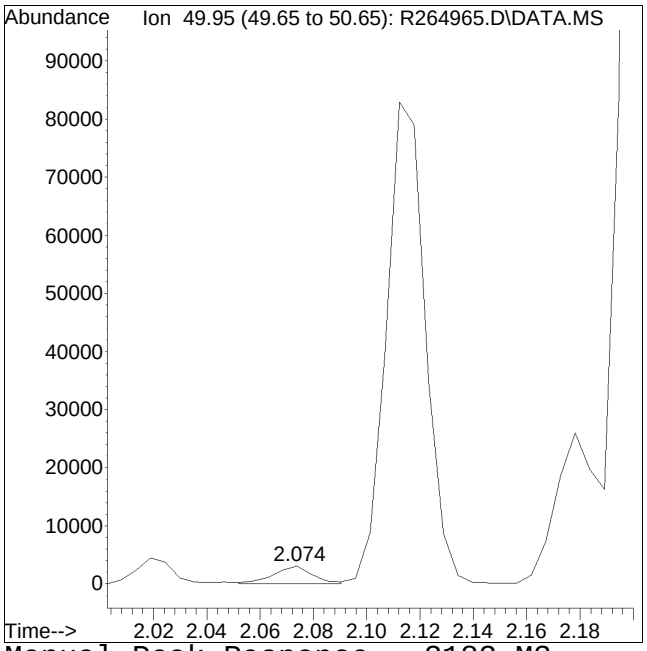
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264965.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 4:01 am Instrument : Airlab26
Sample : L2543344-04,3,250,250 Quant Date : 7/16/2025 6:31 am

Compound #6: chloromethane



Original Peak Response = 83938



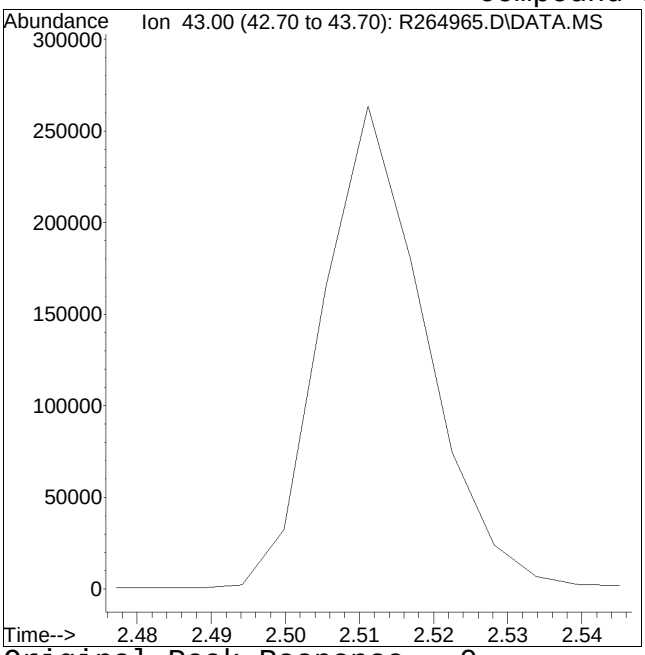
Manual Peak Response = 3183 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

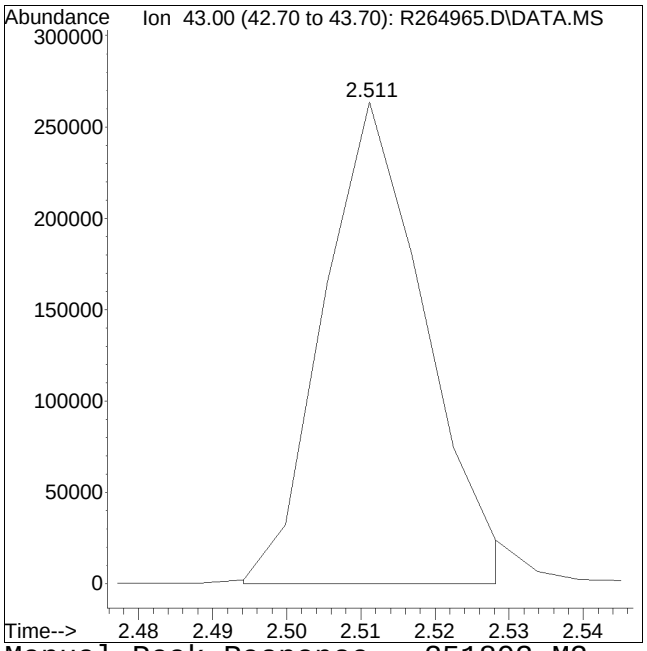
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264965.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 4:01 am Instrument : Airlab26
Sample : L2543344-04,3,250,250 Quant Date : 7/16/2025 6:31 am

Compound #19: acetone



Original Peak Response = 0



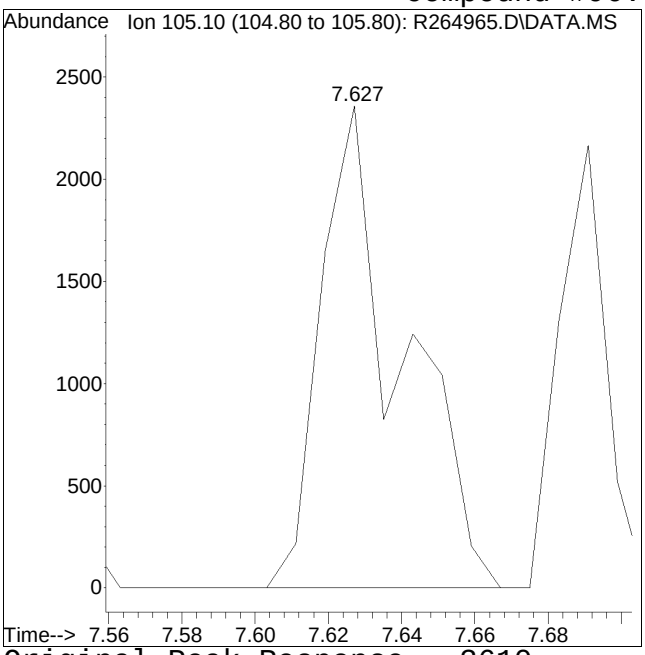
Manual Peak Response = 251803 M2

M2 = Peak not found by automatic integration algorithm.

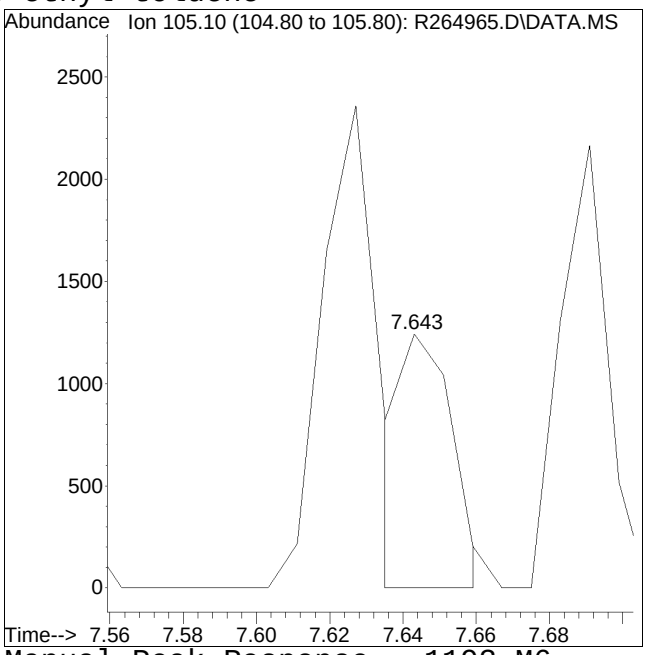
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264965.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 4:01 am Instrument : Airlab26
Sample : L2543344-04,3,250,250 Quant Date : 7/16/2025 6:31 am

Compound #96: 4-ethyl toluene



Original Peak Response = 3610



Manual Peak Response = 1193 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264966.D
Acq On : 16 Jul 2025 04:32 am
Operator : AIRLAB26:RAY
Sample : L2543344-02D,3,175,250
Misc : WG2090986,ICAL22465
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 16 06:31:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	197176	10.000	ppbV	0.00
Standard Area = 189637			Recovery = 103.98%			
43) 1,4-difluorobenzene	4.365	114	656245	10.000	ppbV	0.00
Standard Area = 667401			Recovery = 98.33%			
67) chlorobenzene-D5	6.455	54	118170	10.000	ppbV	0.00
Standard Area = 107009			Recovery = 110.43%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.019	85	13746	0.361	ppbV	97
6) chloromethane	2.074	50	2062M3	0.175	ppbV	
7) Freon-114	2.101		0	N.D.		
9) vinyl chloride	0.000		0	N.D.	d	
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.365	31	28982	3.537	ppbV	99
17) vinyl bromide	0.000		0	N.D.		
19) acetone	0.000		0	N.D.	d	
21) trichlorofluoromethane	2.556	101	8530	0.215	ppbV #	79
22) isopropyl alcohol	2.573	45	250543	11.354	ppbV	99
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	0.000		0	N.D.	d	
28) methylene chloride	2.765	49	62496	3.788	ppbV	87
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	2.856	76	6884	0.172	ppbV #	1
31) Freon 113	2.851	101	2008	0.067	ppbV	93
32) trans-1,2-dichloroethene	3.067	61	14771	0.676	ppbV	98
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	3.288	43	61620M3	2.189	ppbV	
37) cis-1,2-dichloroethene	0.000		0	N.D.	d	
38) Ethyl Acetate	0.000		0	N.D.	d	
39) chloroform	3.568	83	38626	1.123	ppbV	92
40) Tetrahydrofuran	3.732	42	164046	11.758	ppbV	99
42) 1,2-dichloroethane	0.000		0	N.D.	d	
44) hexane	3.553	57	3169715	135.335	ppbV #	19

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264966.D
Acq On : 16 Jul 2025 04:32 am
Operator : AIRLAB26:RAY
Sample : L2543344-02D,3,175,250
Misc : WG2090986,ICAL22465
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 16 06:31:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	3.982	97	1372	0.037	ppbV #	82
50) benzene	4.186	78	135174	2.576	ppbV	99
52) carbon tetrachloride	4.252	117	1669	0.045	ppbV #	68
53) cyclohexane	4.318	56	521090	21.646	ppbV	95
56) 1,2-dichloropropane	0.000		0	N.D.	d	
57) bromodichloromethane	0.000		0	N.D.	d	
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	4.686	130	2397	0.096	ppbV #	84
60) 2,2,4-trimethylpentane	4.724	57	5562117	75.947	ppbV	94
62) heptane	4.865	43	660112	26.088	ppbV	95
63) cis-1,3-dichloropropene	0.000		0	N.D.	d	
64) 4-methyl-2-pentanone	0.000		0	N.D.	d	
65) trans-1,3-dichloropropene	0.000		0	N.D.	d	
66) 1,1,2-trichloroethane	0.000		0	N.D.	d	
68) toluene	5.589	91	458469	6.452	ppbV	98
72) 2-hexanone	0.000		0	N.D.	d	
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.	d	
78) tetrachloroethene	6.148	166	13114	0.391	ppbV	96
80) chlorobenzene	0.000		0	N.D.	d	
81) ethylbenzene	6.673	91	76447	0.831	ppbV	95
83) m+p-xylene	6.766	91	2080924	27.451	ppbV	94
84) bromoform	0.000		0	N.D.		
85) styrene	6.940	104	9402	0.172	ppbV #	87
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
87) o-xylene	6.992	91	1133978	15.736	ppbV	99
96) 4-ethyl toluene	7.635	105	328973M6	3.517	ppbV	
97) 1,3,5-trimethylbenzene	7.683	105	944220	11.406	ppbV	99
99) 1,2,4-trimethylbenzene	7.898	105	1141595	13.530	ppbV #	64
101) Benzyl Chloride	0.000		0	N.D.	d	
102) 1,3-dichlorobenzene	0.000		0	N.D.	d	
103) 1,4-dichlorobenzene	0.000		0	N.D.	d	
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.	d	
116) naphthalene	9.236	128	11164	0.084	ppbV #	86
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264966.D
Acq On : 16 Jul 2025 04:32 am
Operator : AIRLAB26:RAY
Sample : L2543344-02D,3,175,250
Misc : WG2090986,ICAL22465
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 16 06:31:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

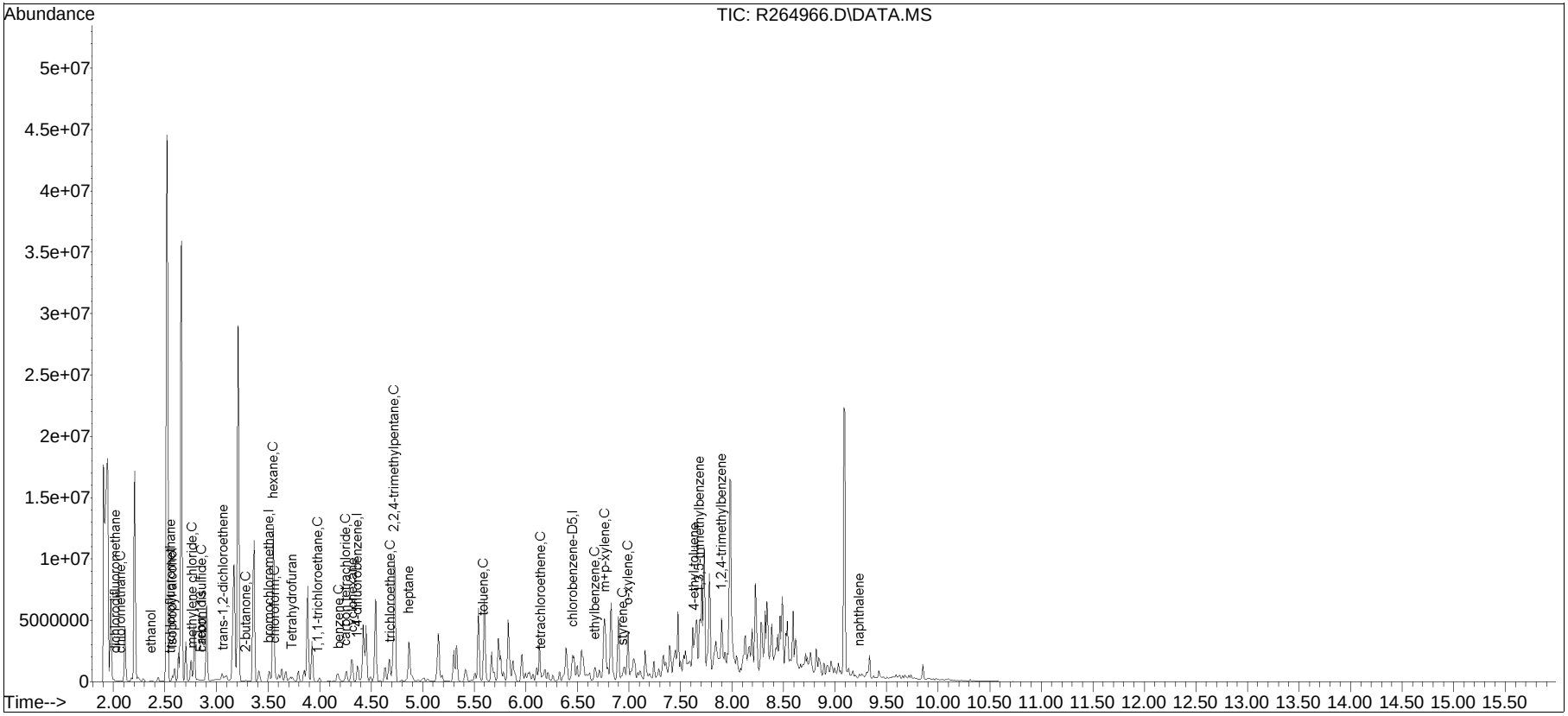
CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : TO15-NY+Naphthalene - .

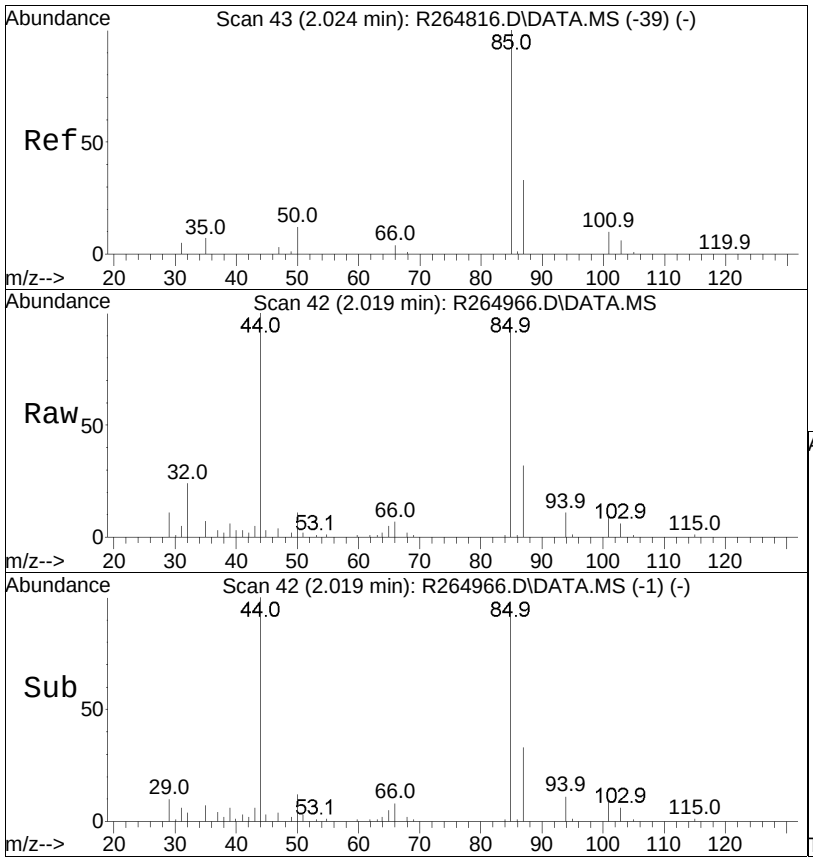
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\07\0715T\R264943.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264966.D
Acq On : 16 Jul 2025 04:32 am
Operator : AIRLAB26:RAY
Sample : L2543344-02D,3,175,250
Misc : WG2090986,ICAL22465
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 16 06:31:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

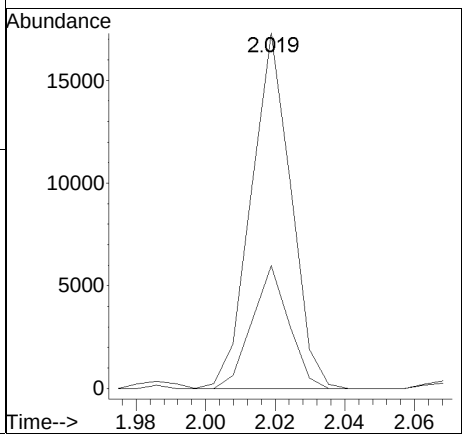


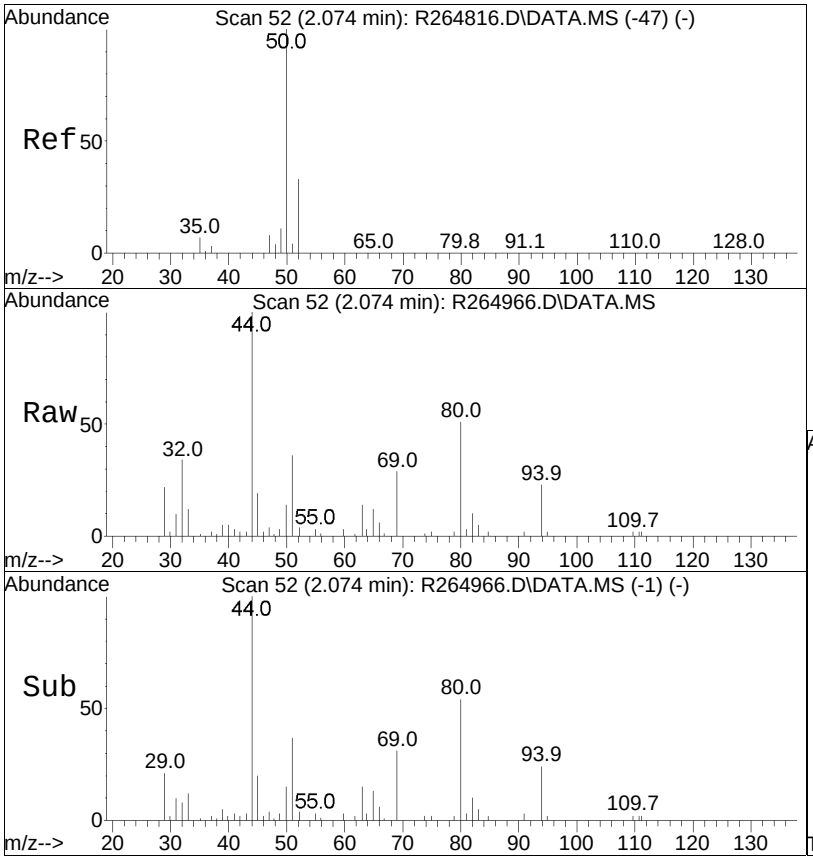


#5
dichlorodifluoromethane
Concen: 0.36 ppbV
RT: 2.019 min Scan# 42
Delta R.T. -0.006 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 85 Resp: 13746

Ion	Ratio	Lower	Upper
85	100		
87	34.6	26.1	39.1

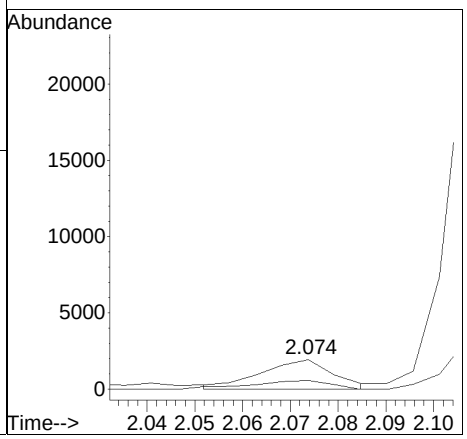


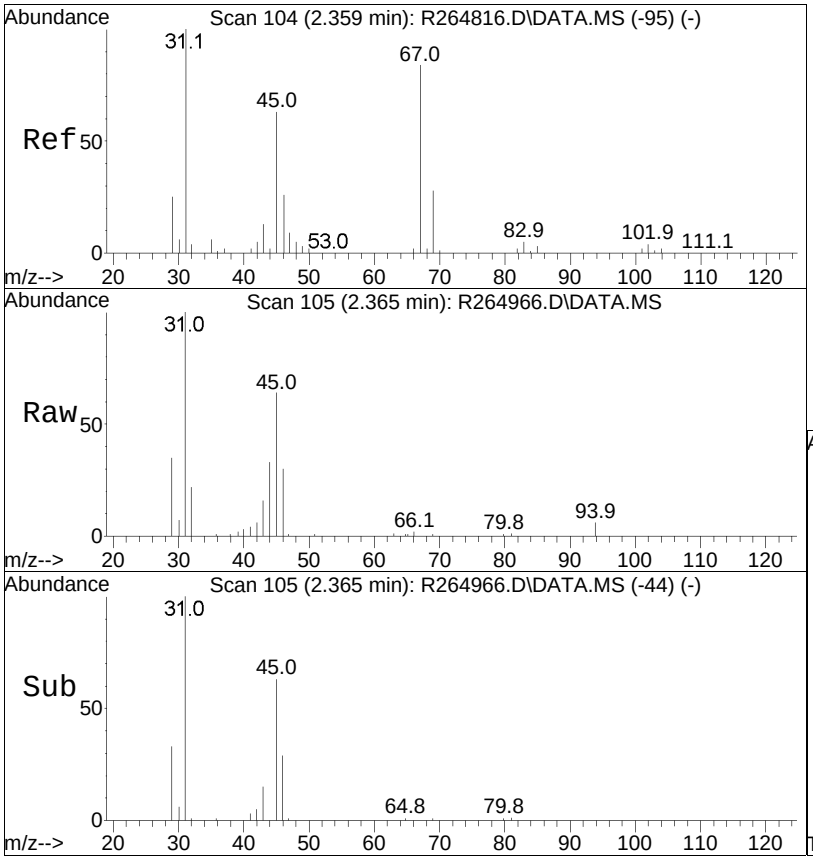


#6
chloromethane
Concen: 0.17 ppbV m
RT: 2.074 min Scan# 52
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 50 Resp: 2062

Ion	Ratio	Lower	Upper
50	100		
52	30.1	26.6	40.0

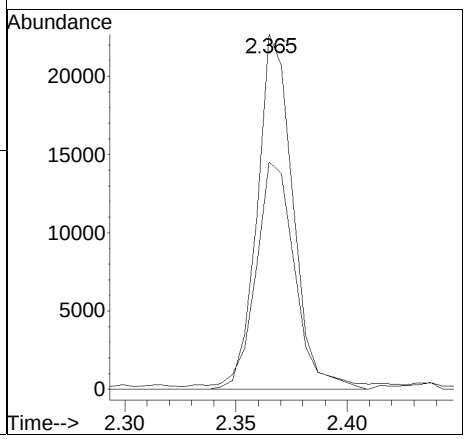


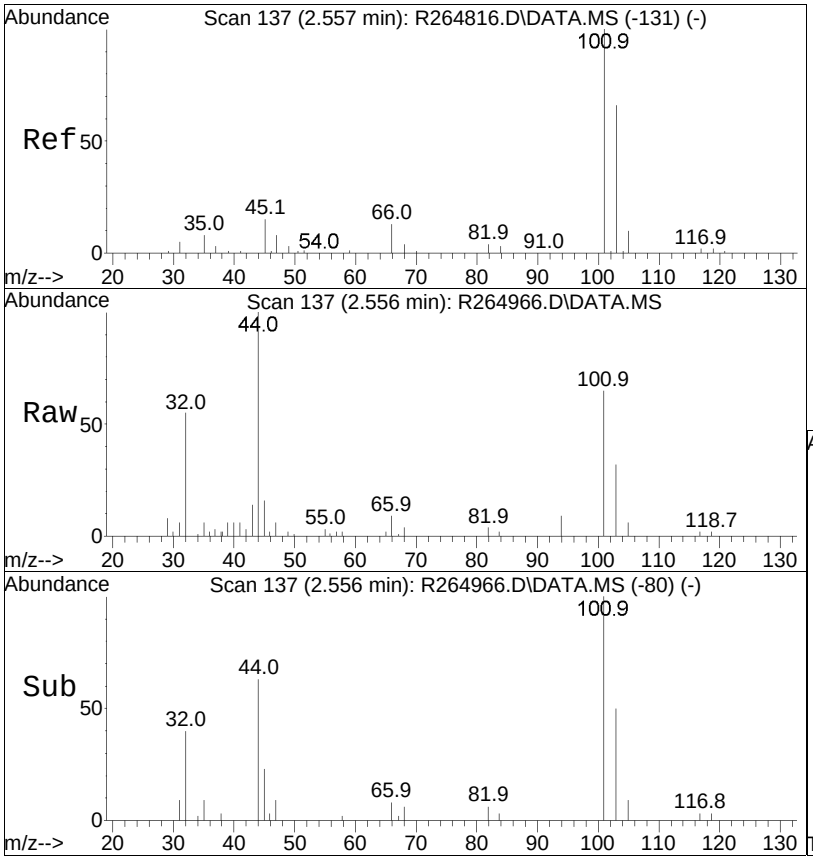


#15
ethanol
Concen: 3.54 ppbV
RT: 2.365 min Scan# 105
Delta R.T. 0.005 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 31 Resp: 28982

Ion	Ratio	Lower	Upper
31	100		
45	64.0	50.7	76.1

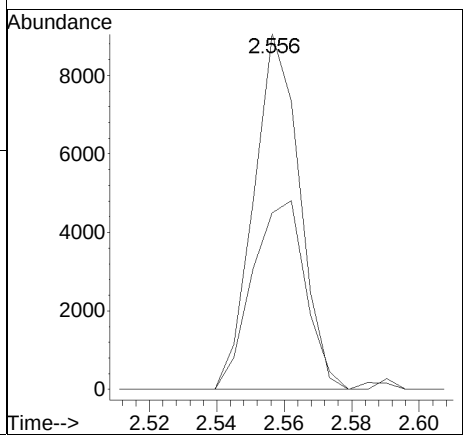


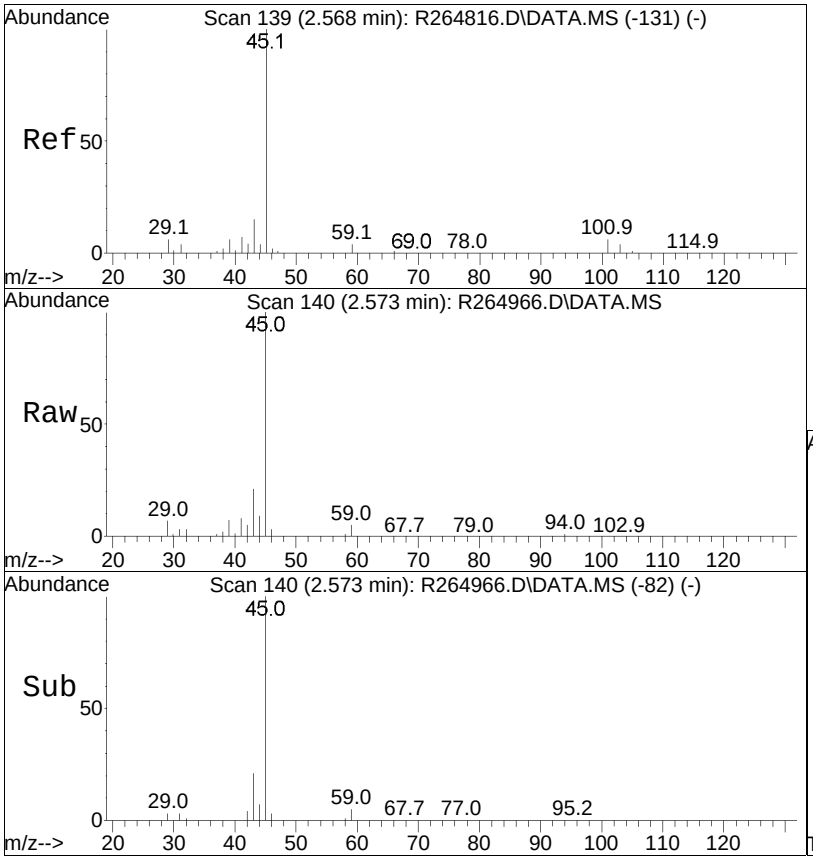


#21
trichlorofluoromethane
Concen: 0.22 ppbV
RT: 2.556 min Scan# 137
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion:101 Resp: 8530

Ion	Ratio	Lower	Upper
101	100		
103	49.7	53.0	79.6#

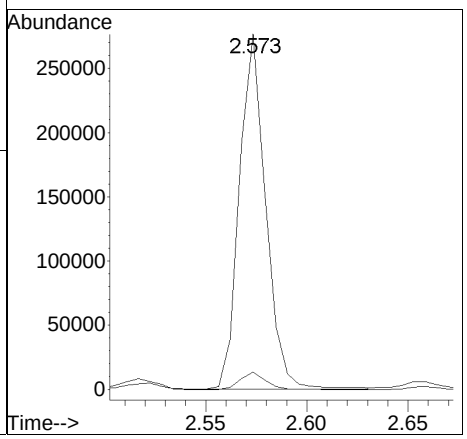


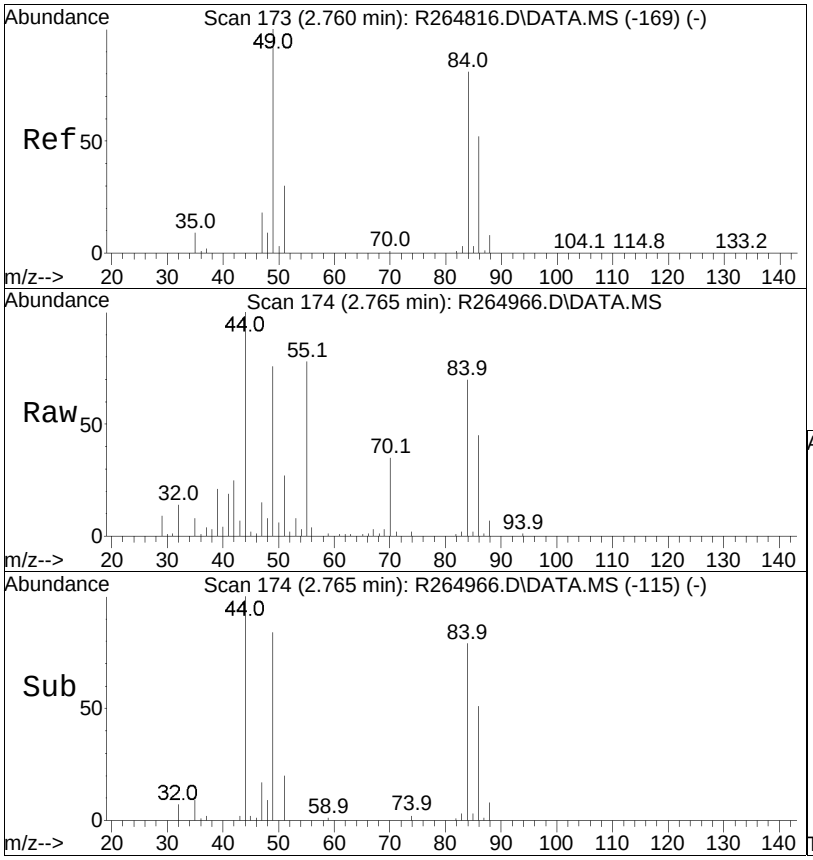


#22
isopropyl alcohol
Concen: 11.35 ppbV
RT: 2.573 min Scan# 140
Delta R.T. 0.006 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 45 Resp: 250543

Ion	Ratio	Lower	Upper
45	100		
59	4.9	3.5	5.3

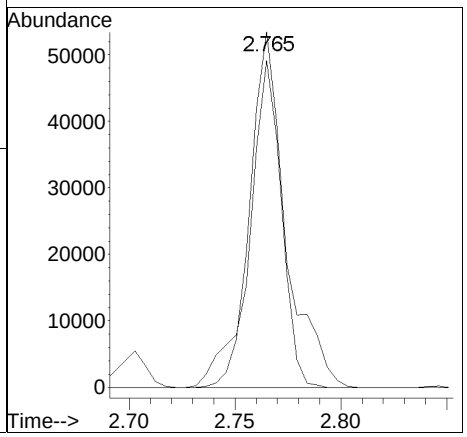


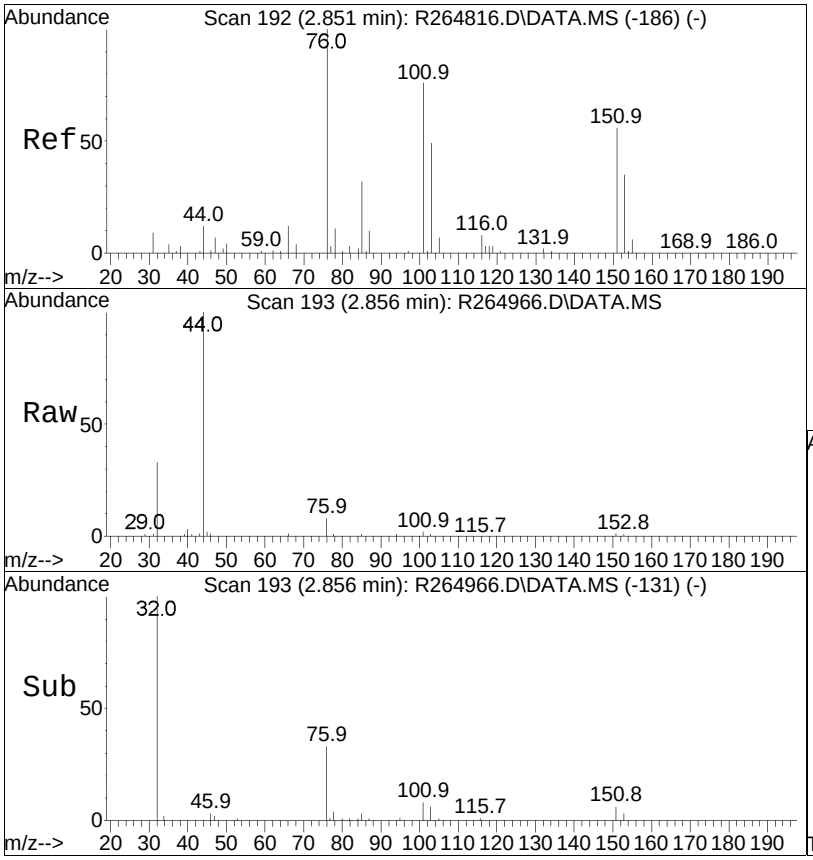


#28
methylene chloride
Concen: 3.79 ppbV
RT: 2.765 min Scan# 174
Delta R.T. 0.005 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 49 Resp: 62496

Ion	Ratio	Lower	Upper
49	100		
84	92.0	64.4	96.6

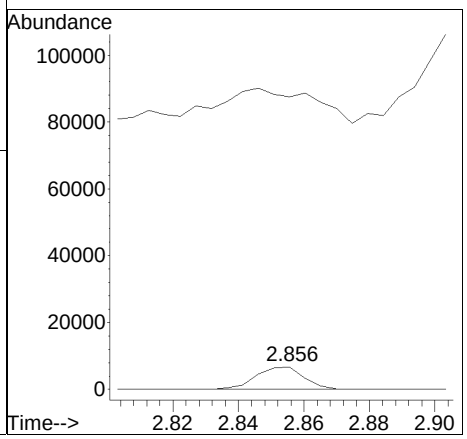


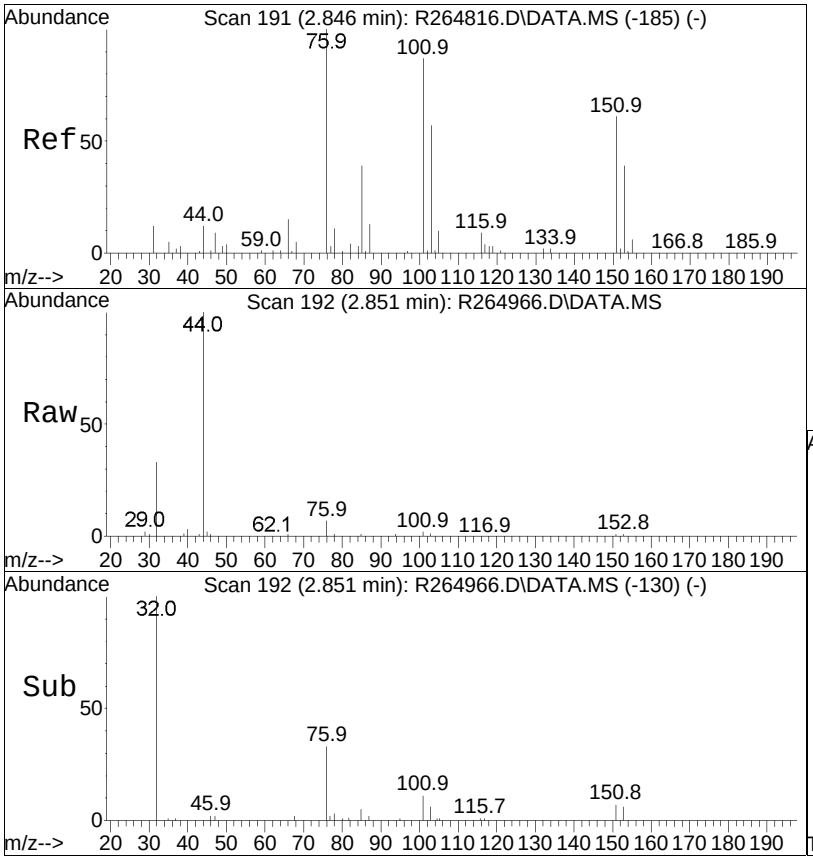


#30
carbon disulfide
Concen: 0.17 ppbV
RT: 2.856 min Scan# 193
Delta R.T. 0.005 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 76 Resp: 6884

Ion	Ratio	Lower	Upper
76	100		
44	1305.3	11.7	17.5#

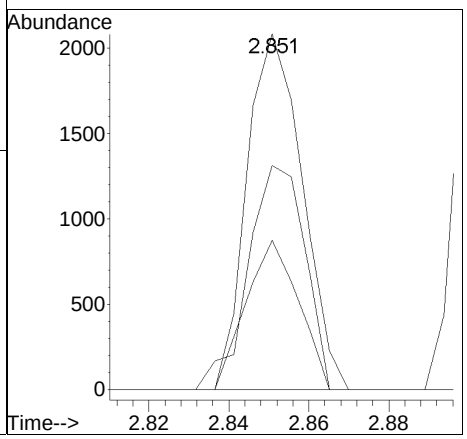


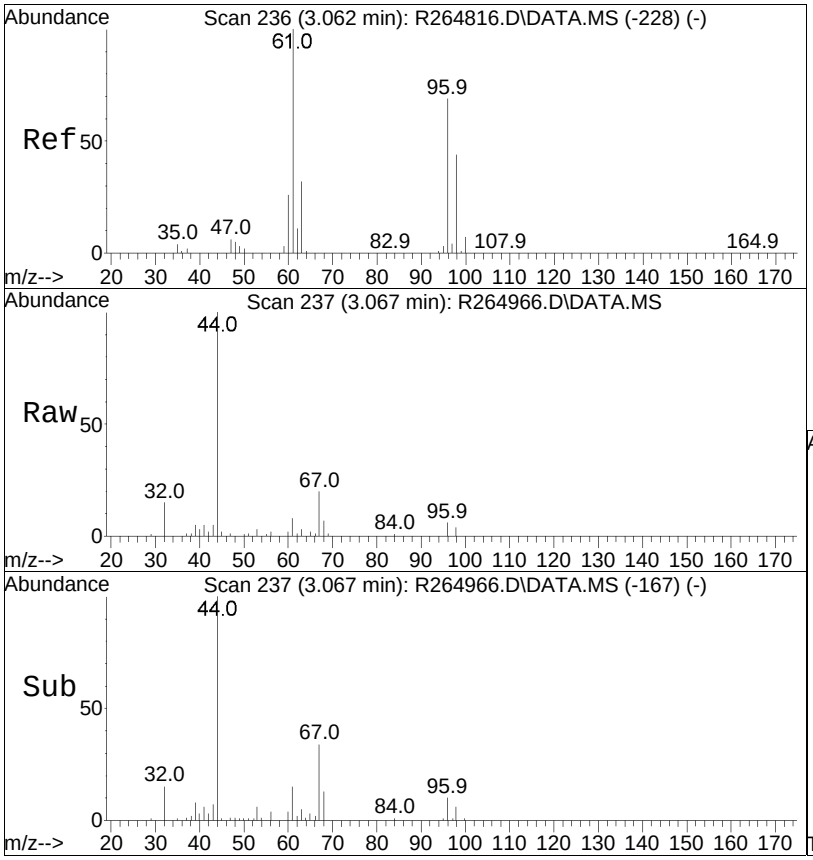


#31
Freon 113
Concen: 0.07 ppbV
RT: 2.851 min Scan# 192
Delta R.T. 0.005 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion:101 Resp: 2008

Ion	Ratio	Lower	Upper
101	100		
85	42.0	35.5	53.3
151	63.0	55.9	83.9

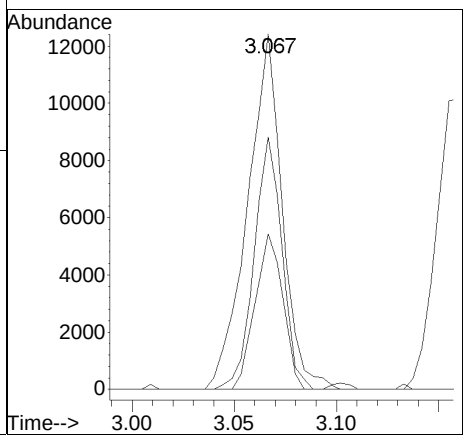


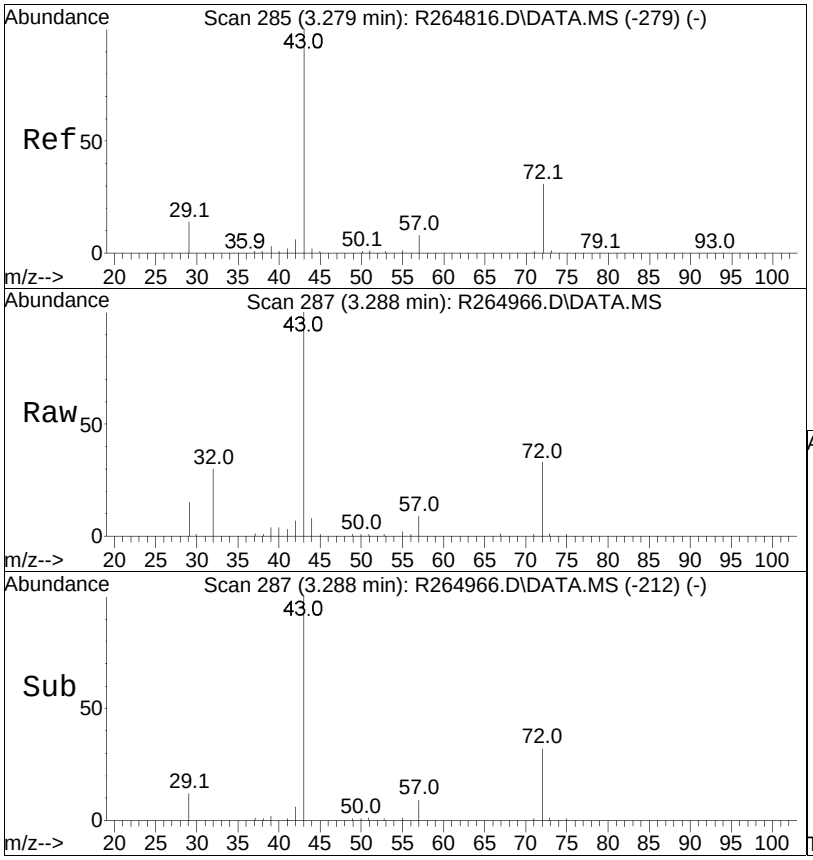


#32
trans-1,2-dichloroethene
Concen: 0.68 ppbV
RT: 3.067 min Scan# 237
Delta R.T. 0.004 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 61 Resp: 14771

Ion	Ratio	Lower	Upper
61	100		
96	71.1	55.1	82.7
98	43.8	35.6	53.4

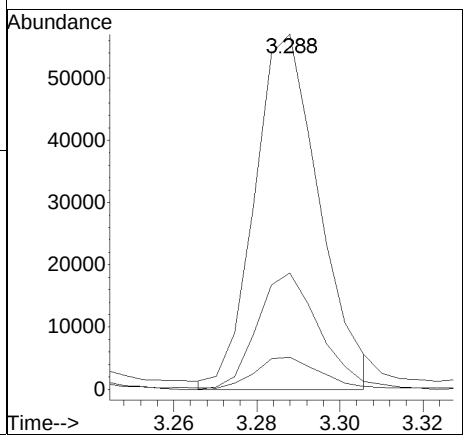


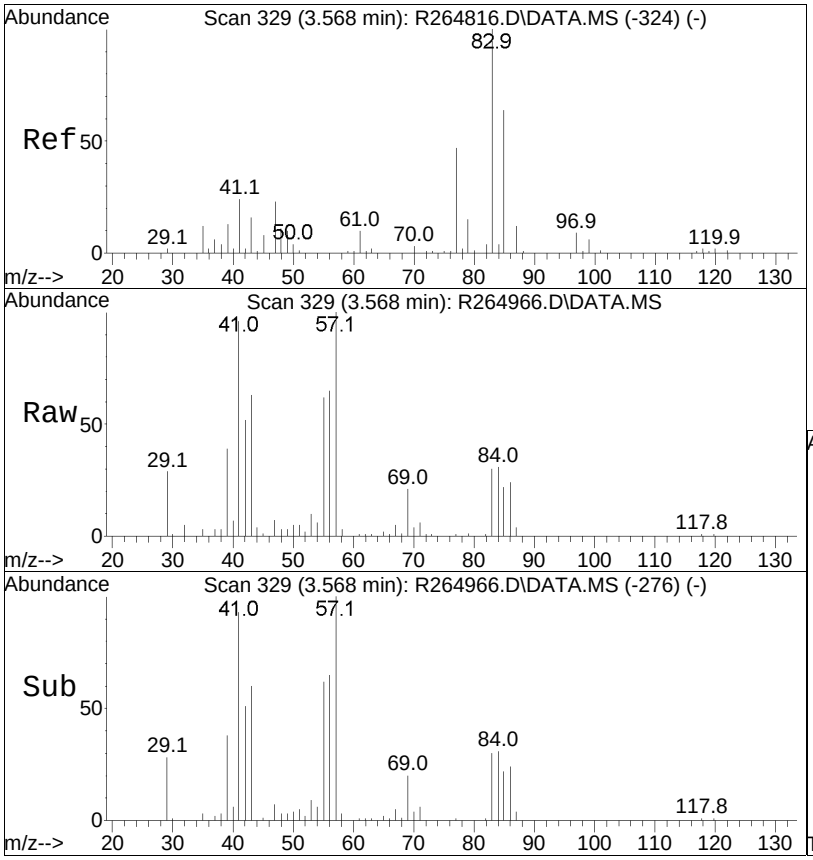


#36
2-butanone
Concen: 2.19 ppbV m
RT: 3.288 min Scan# 287
Delta R.T. 0.009 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 43 Resp: 61620

Ion	Ratio	Lower	Upper
43	100		
72	32.8	24.4	36.6
57	9.1	6.7	10.1

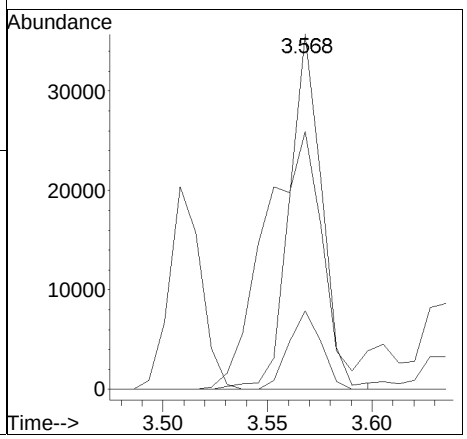


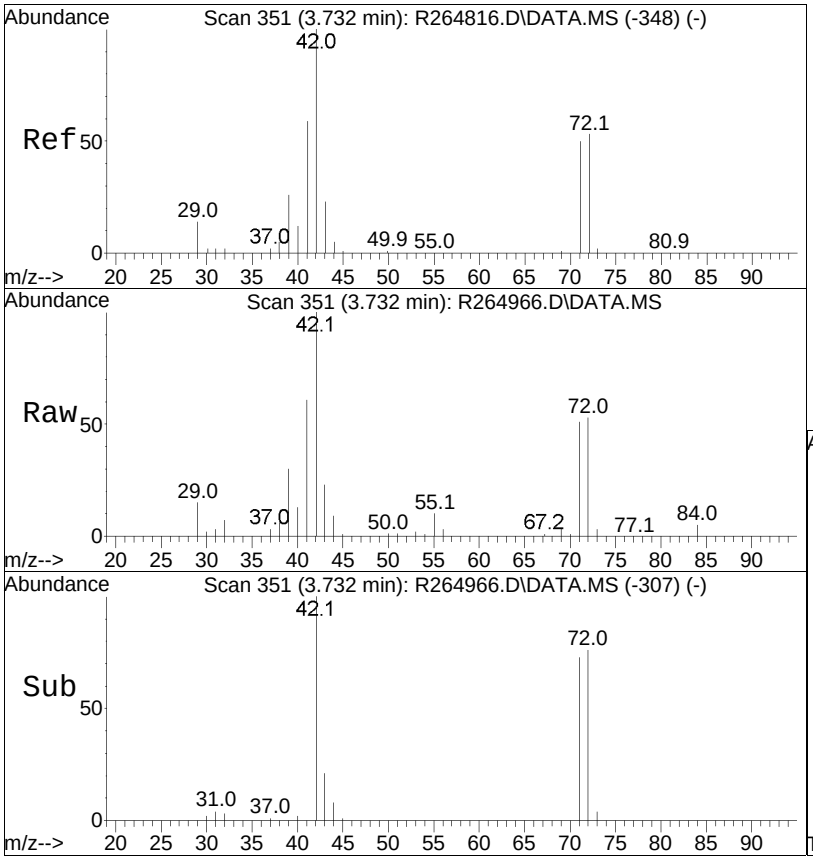


#39
chloroform
Concen: 1.12 ppbV
RT: 3.568 min Scan# 329
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 83 Resp: 38626

Ion	Ratio	Lower	Upper
83	100		
85	72.6	51.3	76.9
47	22.1	18.3	27.5

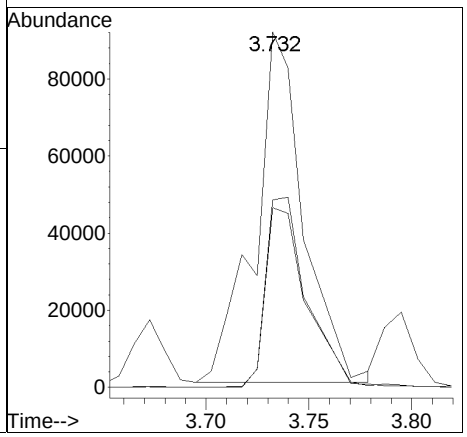


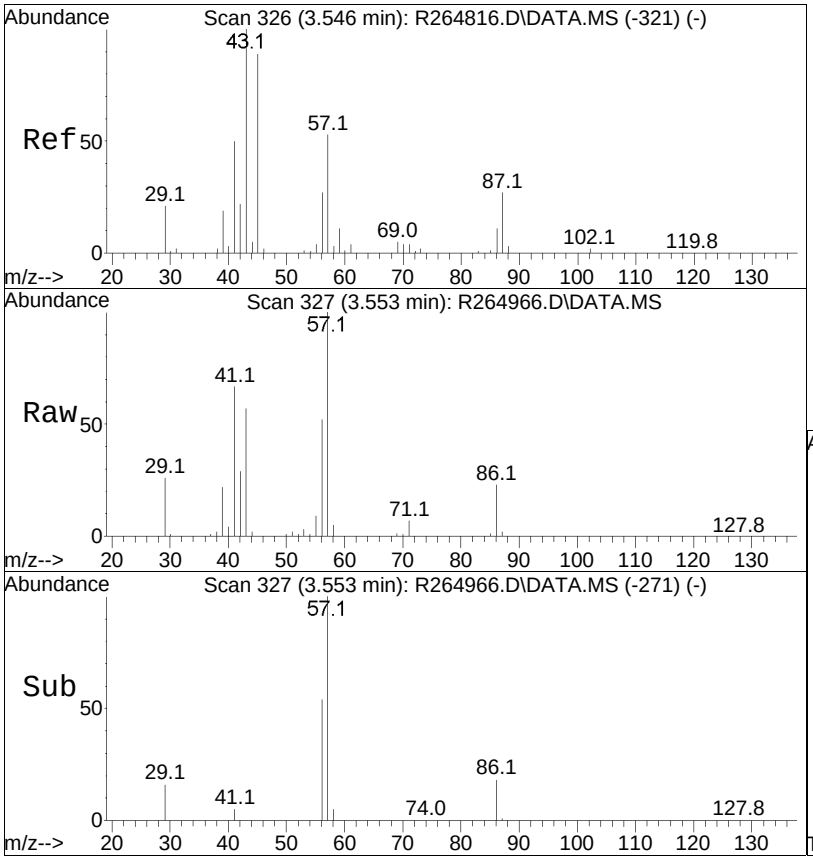


#40
Tetrahydrofuran
Concen: 11.76 ppbV
RT: 3.732 min Scan# 351
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 42 Resp: 164046

Ion	Ratio	Lower	Upper
42	100		
71	50.6	39.8	59.6
72	52.8	41.9	62.9

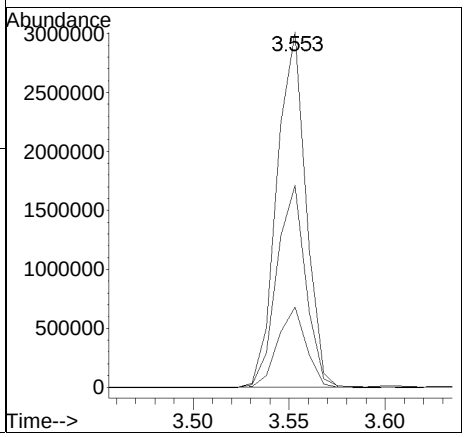


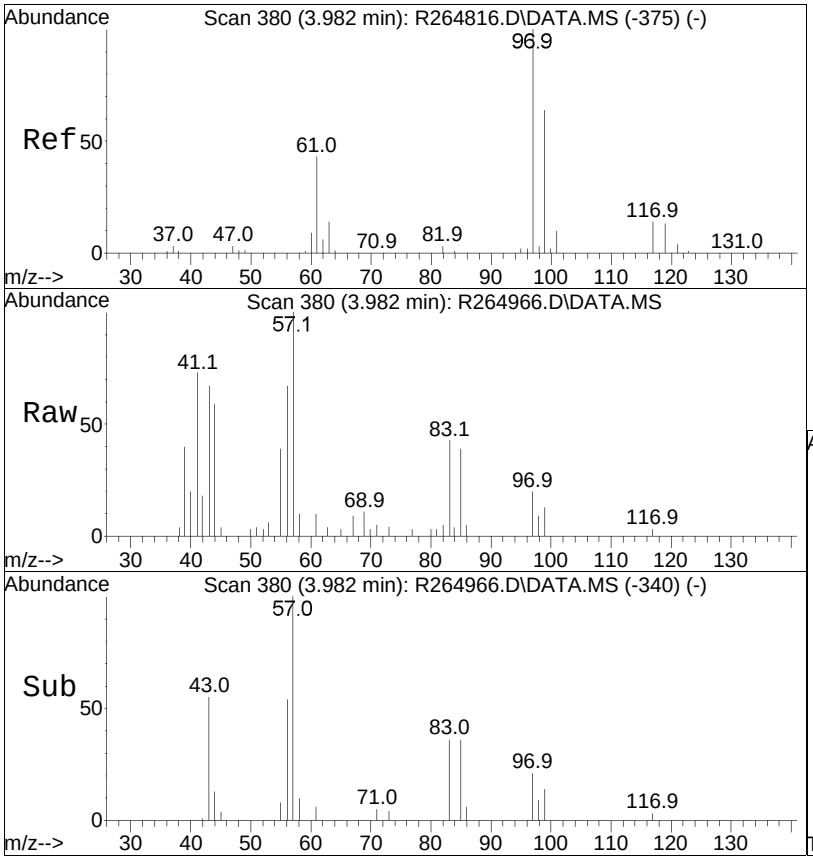


#44
hexane
Concen: 135.34 ppbV
RT: 3.553 min Scan# 327
Delta R.T. 0.007 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 57 Resp: 3169715

Ion	Ratio	Lower	Upper
57	100		
43	56.9	150.0	225.0#
86	22.6	16.3	24.5

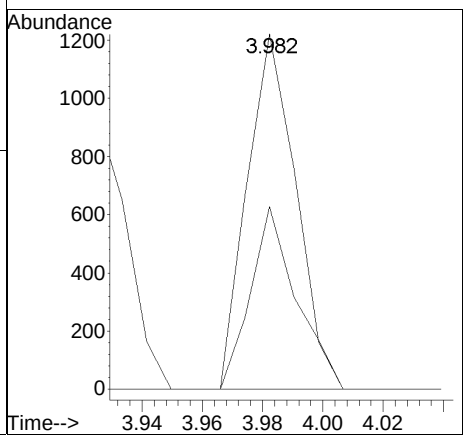


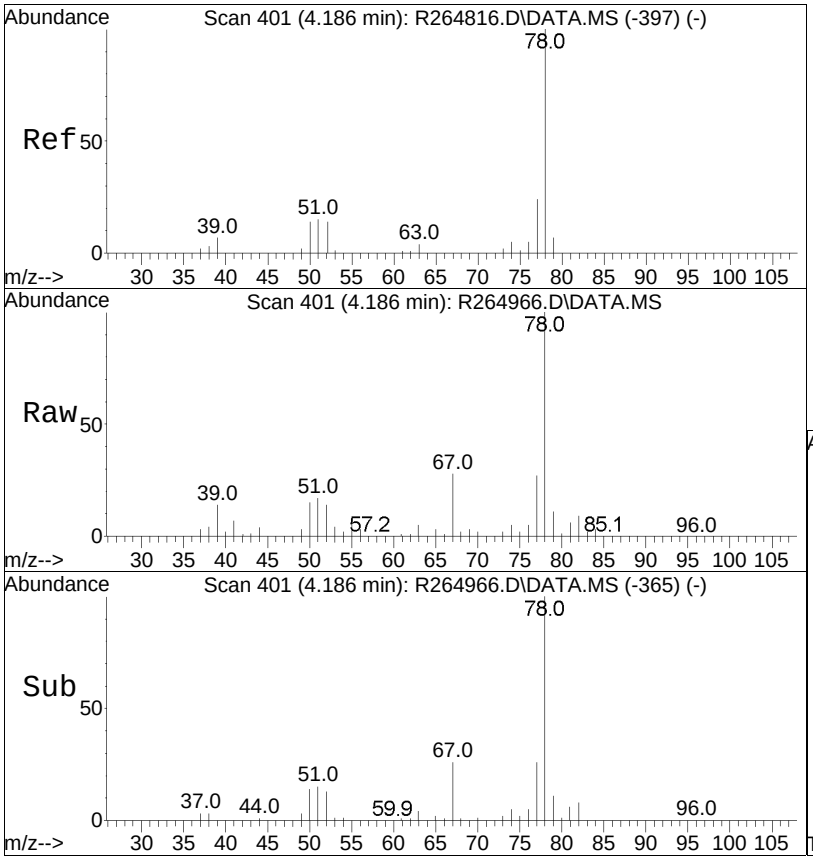


#48
1,1,1-trichloroethane
Concen: 0.04 ppbV
RT: 3.982 min Scan# 380
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 97 Resp: 1372

Ion	Ratio	Lower	Upper
97	100		
61	51.4	34.5	51.7
119	0.0	10.6	15.8#

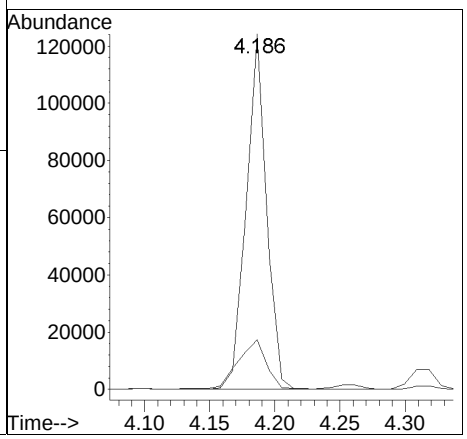


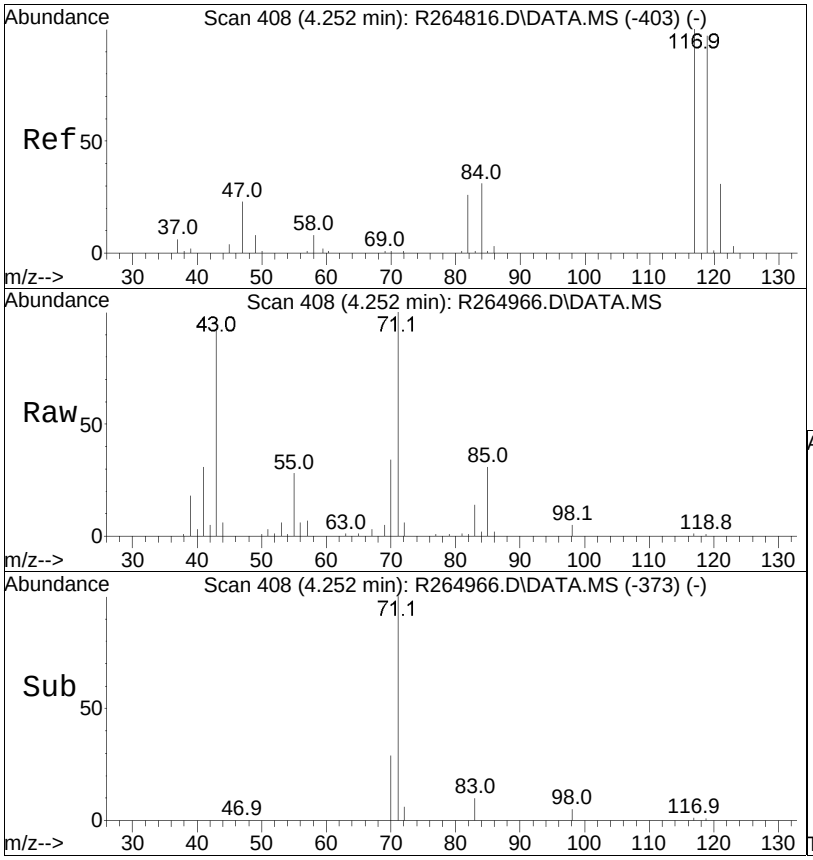


#50
benzene
Concen: 2.58 ppbV
RT: 4.186 min Scan# 401
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 78 Resp: 135174

Ion	Ratio	Lower	Upper
78	100		
52	14.0	11.4	17.0

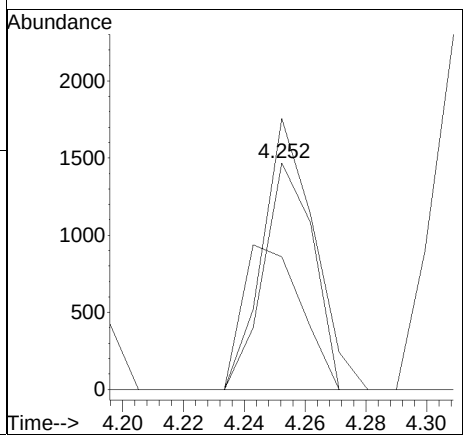


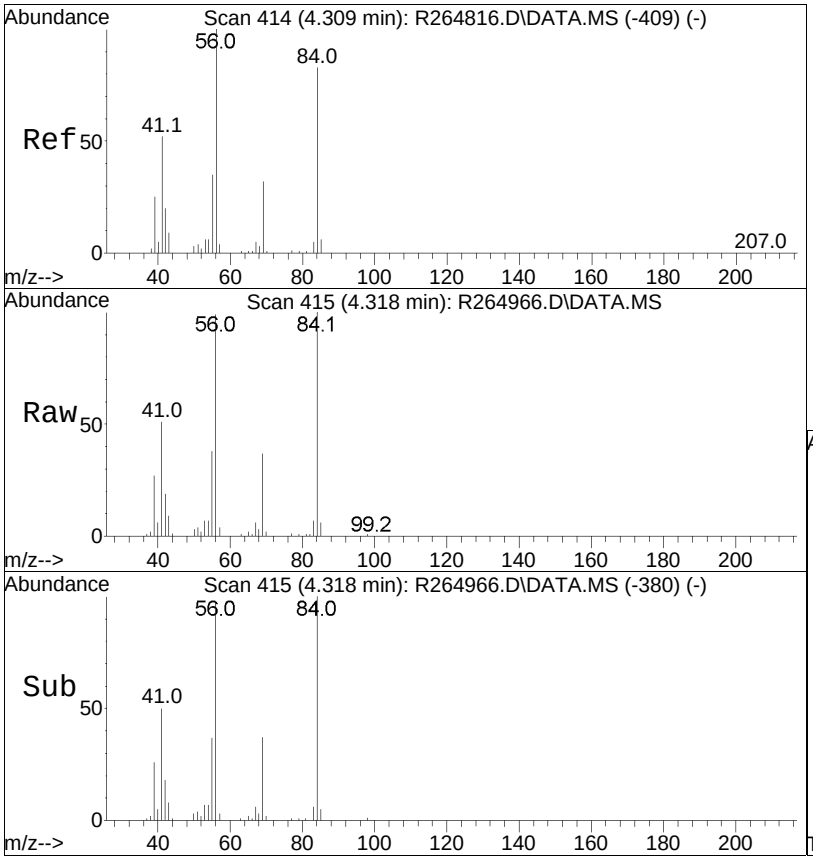


#52
carbon tetrachloride
Concen: 0.04 ppbV
RT: 4.252 min Scan# 408
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion:117 Resp: 1669

Ion	Ratio	Lower	Upper
117	100		
119	119.6	77.3	115.9#
82	58.5	20.7	31.1#

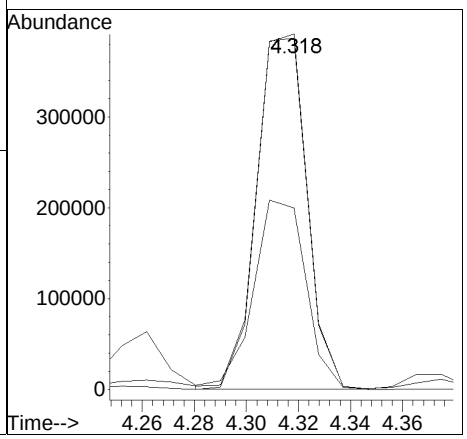


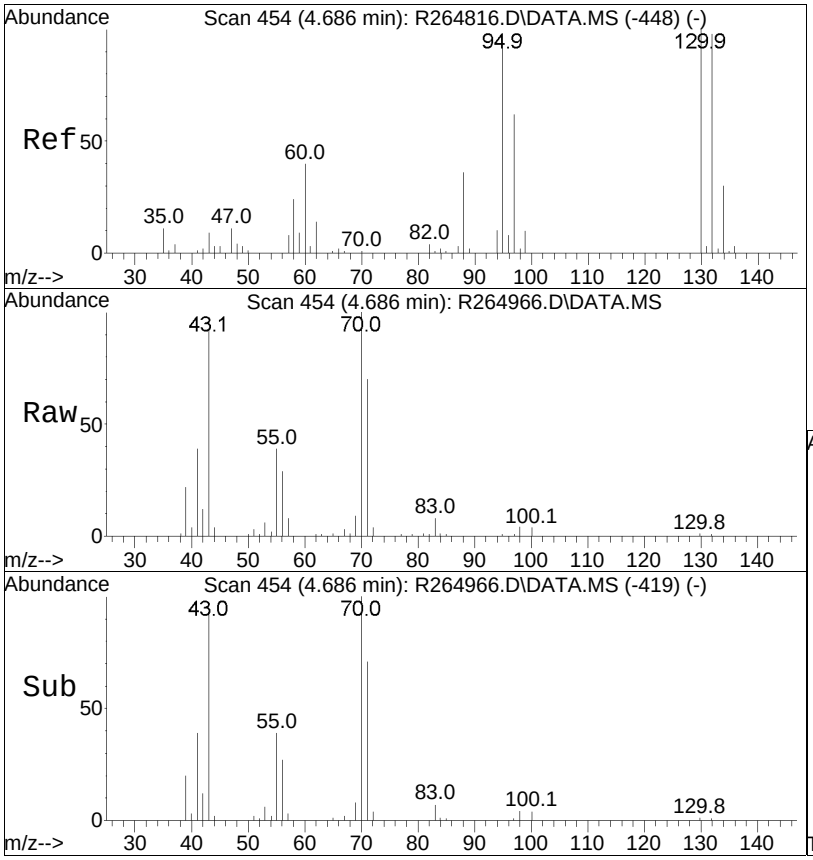


#53
cyclohexane
Concen: 21.65 ppbV
RT: 4.318 min Scan# 415
Delta R.T. 0.009 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 56 Resp: 521090

Ion	Ratio	Lower	Upper
56	100		
84	101.2	75.4	113.2
41	51.7	41.4	62.0

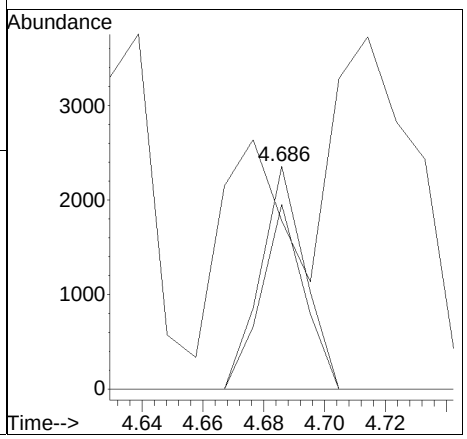


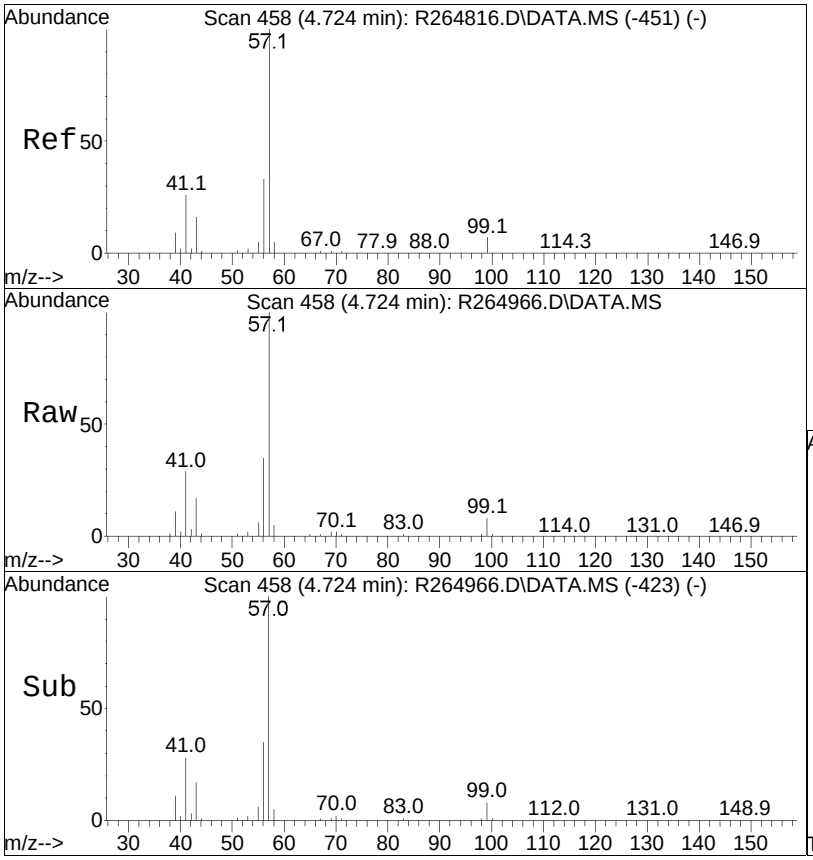


#59
trichloroethene
Concen: 0.10 ppbV
RT: 4.686 min Scan# 454
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion:130 Resp: 2397

Ion	Ratio	Lower	Upper
130	100		
132	83.0	78.1	117.1
97	75.6	49.2	73.8#

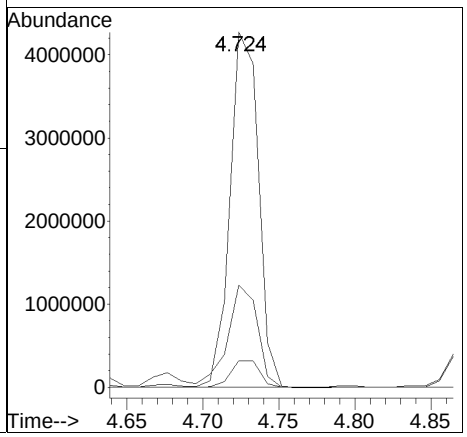


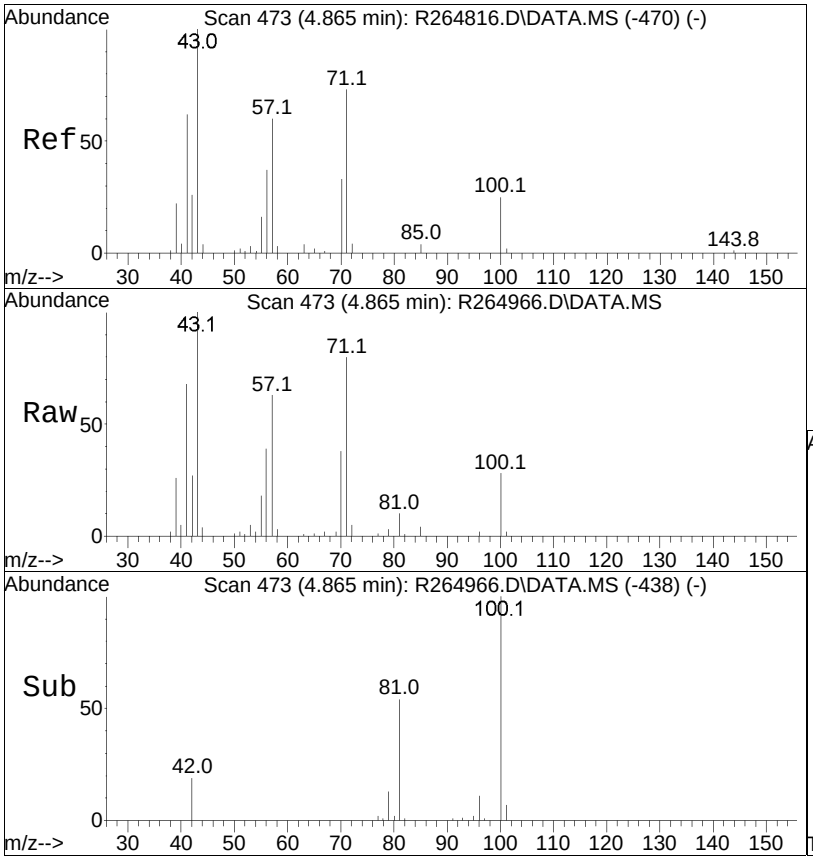


#60
2,2,4-trimethylpentane
Concen: 75.95 ppbV
RT: 4.724 min Scan# 458
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 57 Resp: 5562117

Ion	Ratio	Lower	Upper
57	100		
99	7.5	5.4	8.0
41	28.8	20.4	30.6

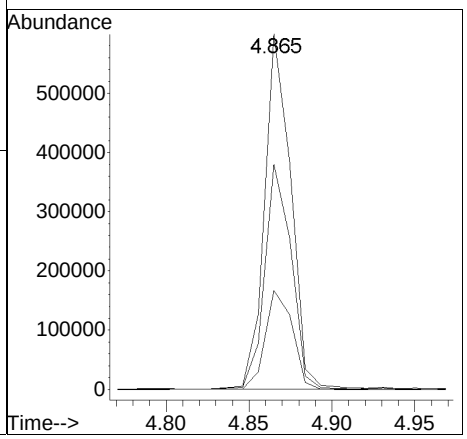


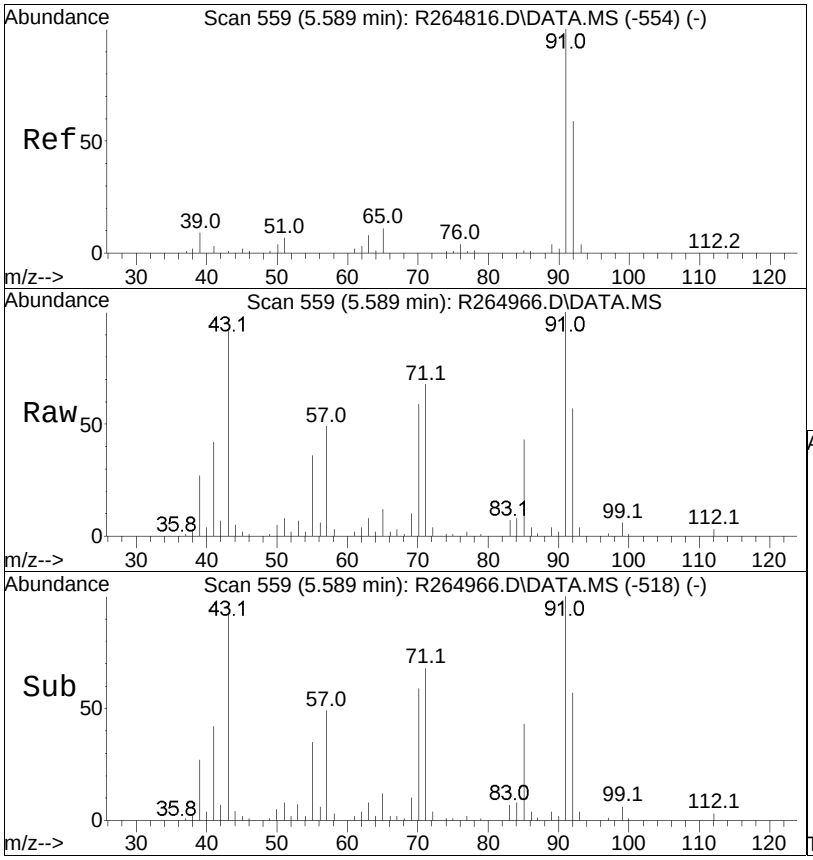


#62
heptane
Concen: 26.09 ppbV
RT: 4.865 min Scan# 473
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 43 Resp: 660112

Ion	Ratio	Lower	Upper
43	100		
57	63.4	47.8	71.8
100	27.9	20.1	30.1

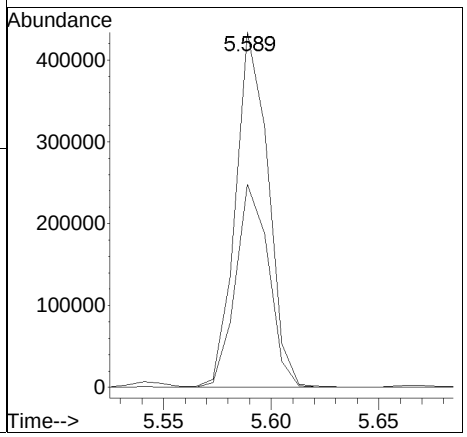


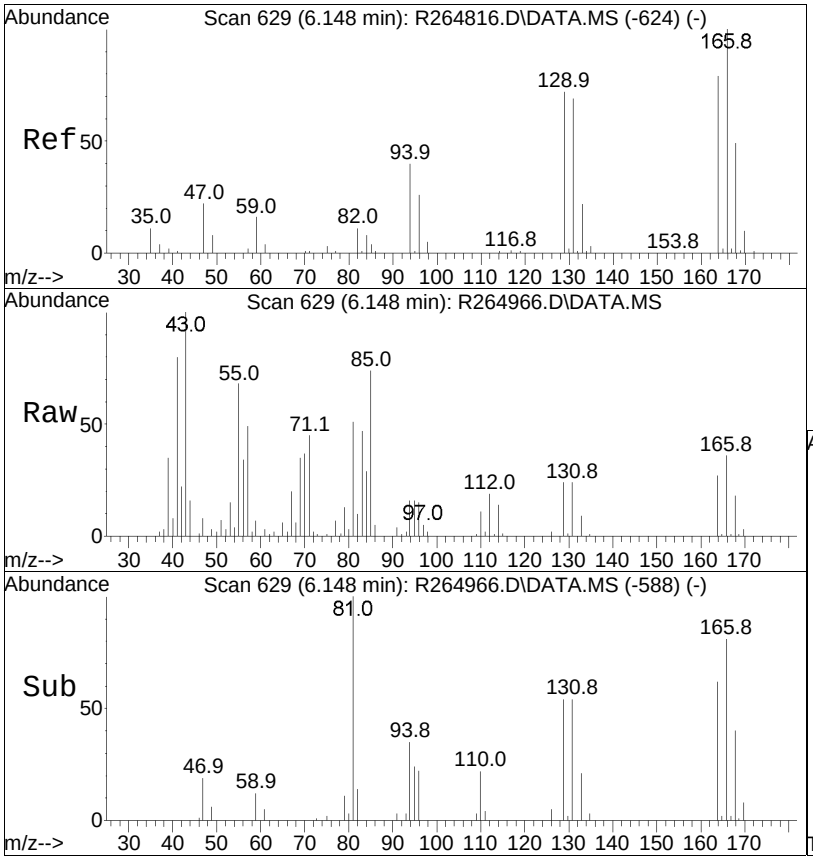


#68
toluene
Concen: 6.45 ppbV
RT: 5.589 min Scan# 559
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 91 Resp: 458469

Ion	Ratio	Lower	Upper
91	100		
92	57.2	47.1	70.7

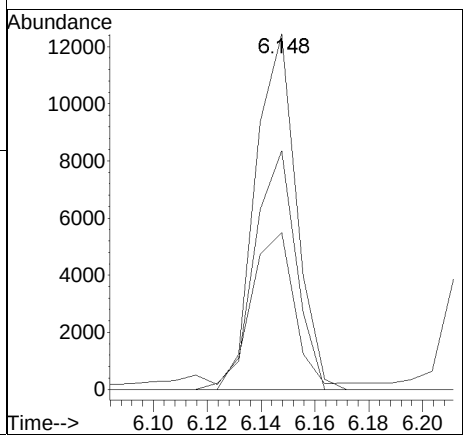


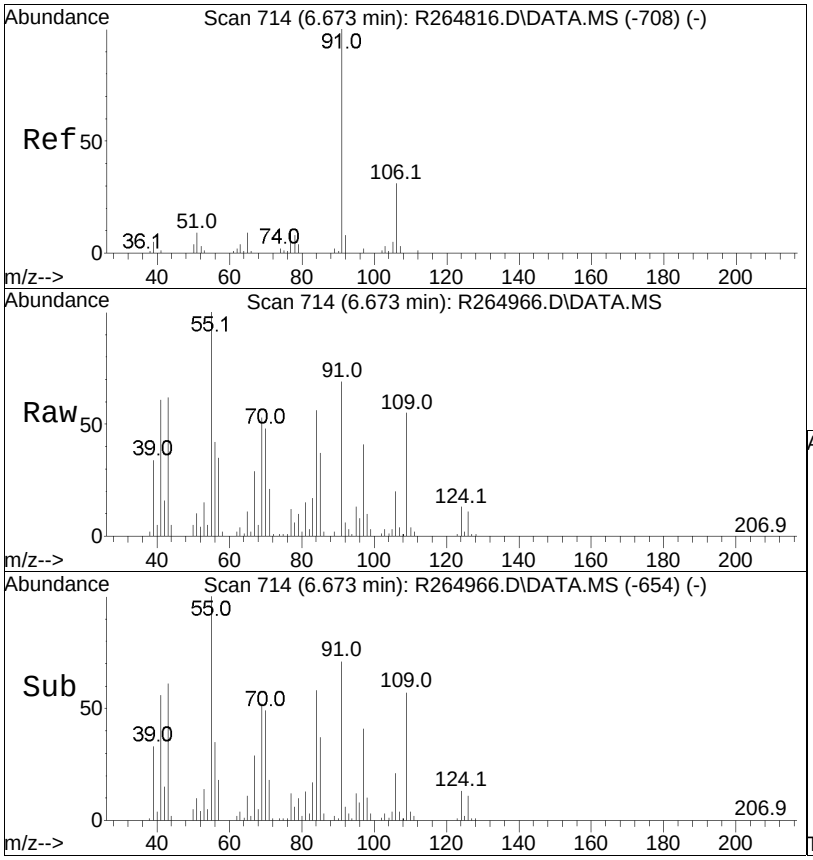


#78
tetrachloroethene
Concen: 0.39 ppbV
RT: 6.148 min Scan# 629
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion:166 Resp: 13114

Ion	Ratio	Lower	Upper
166	100		
131	67.2	55.5	83.3
94	44.2	31.8	47.6

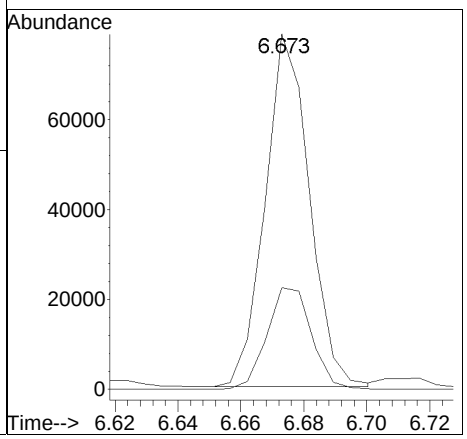


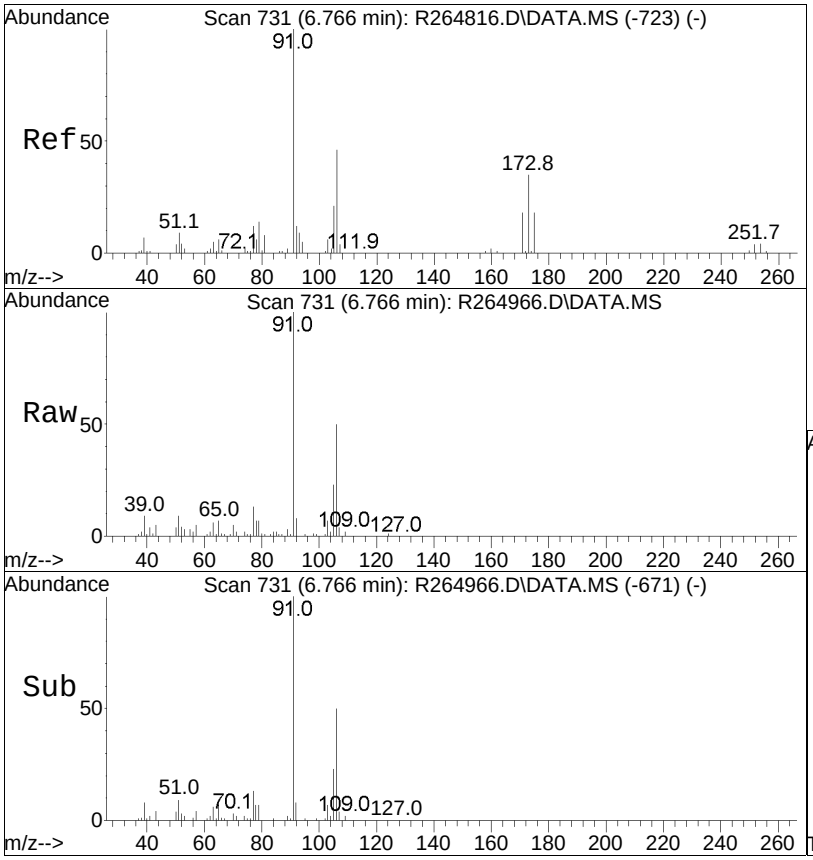


#81
ethylbenzene
Concen: 0.83 ppbV
RT: 6.673 min Scan# 714
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 91 Resp: 76447

Ion	Ratio	Lower	Upper
91	100		
106	28.6	24.9	37.3

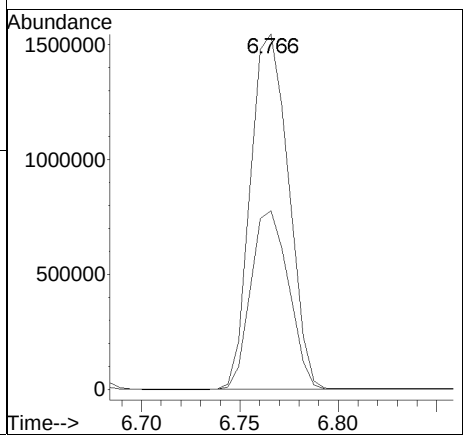


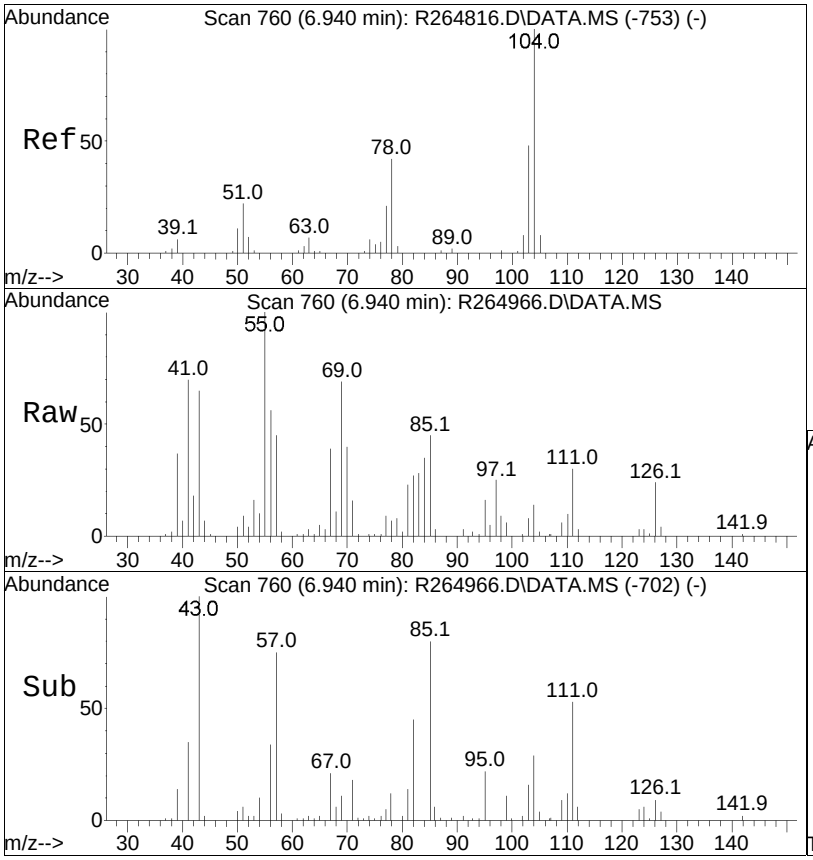


#83
m+p-xylene
Concen: 27.45 ppbV
RT: 6.766 min Scan# 731
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 91 Resp: 2080924

Ion	Ratio	Lower	Upper
91	100		
106	50.3	37.1	55.7

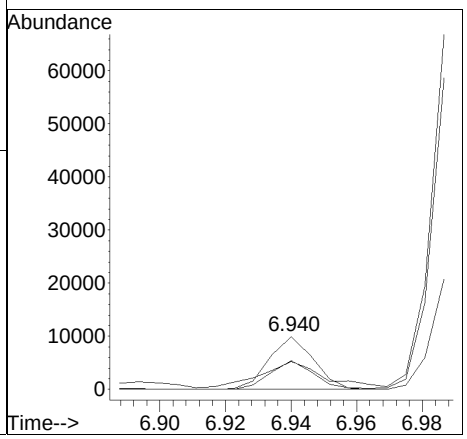


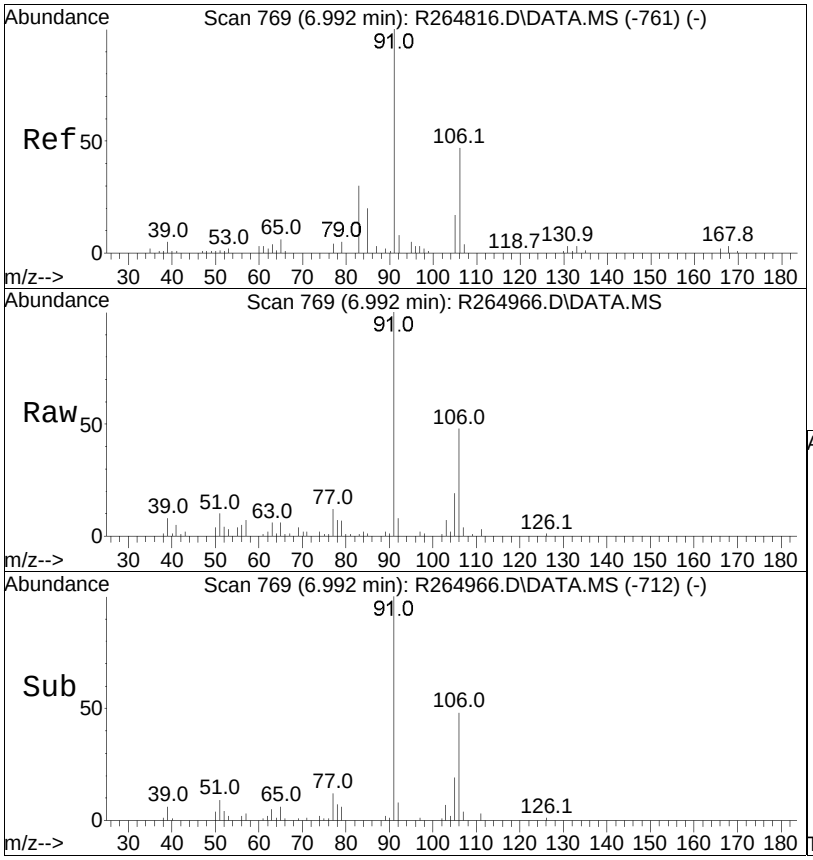


#85
styrene
Concen: 0.17 ppbV
RT: 6.940 min Scan# 760
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion:104 Resp: 9402

Ion	Ratio	Lower	Upper
104	100		
103	54.6	38.5	57.7
78	52.9	33.7	50.5#

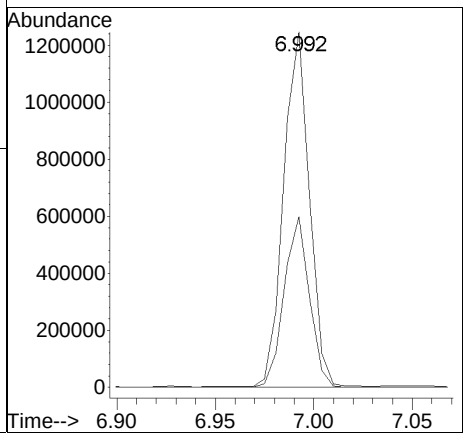


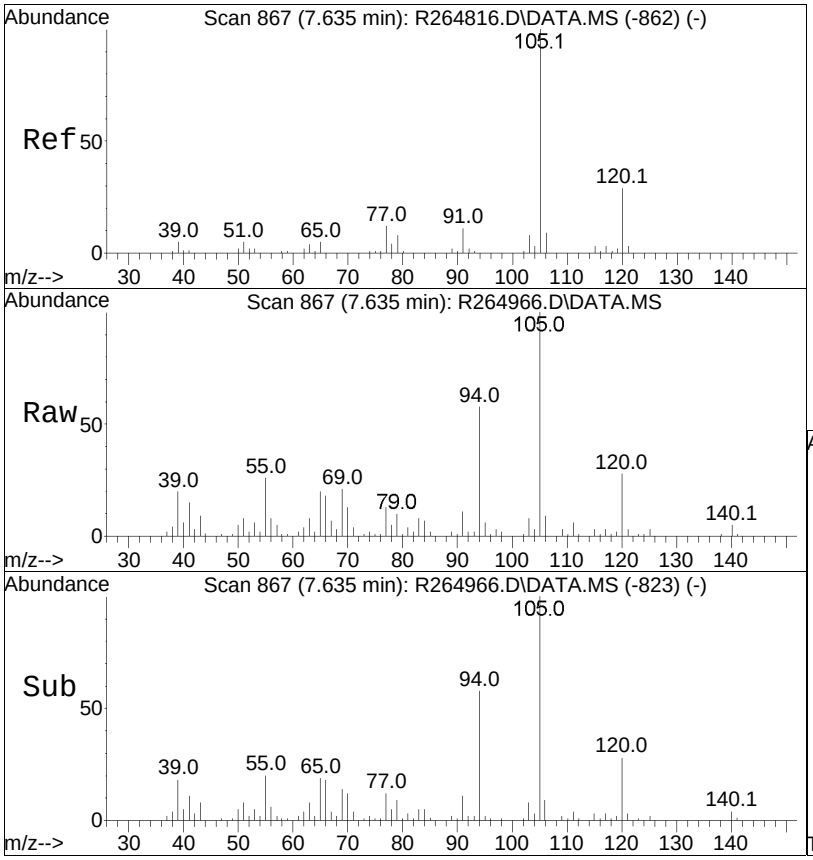


#87
o-xylene
Concen: 15.74 ppbV
RT: 6.992 min Scan# 769
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion: 91 Resp: 1133978

Ion	Ratio	Lower	Upper
91	100		
106	48.1	38.1	57.1

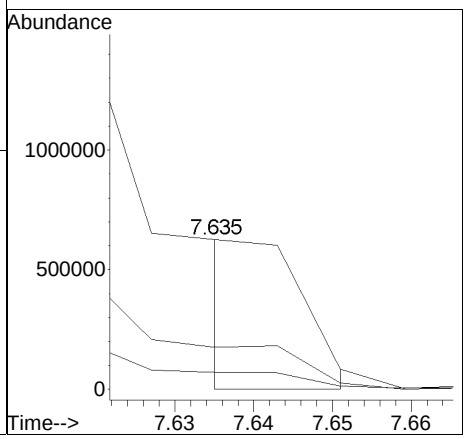


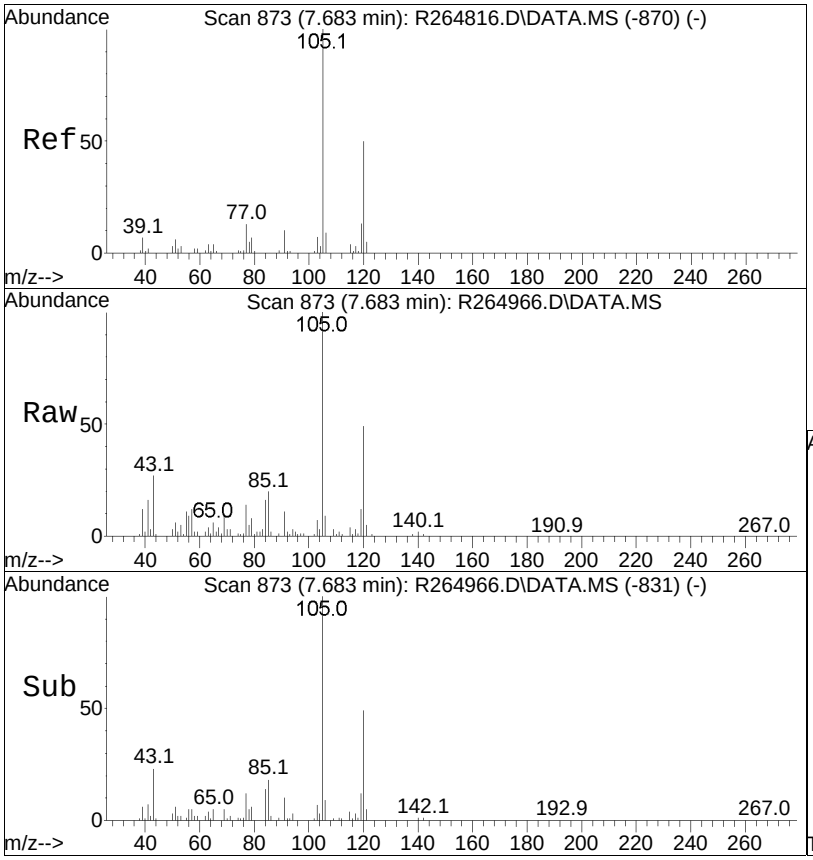


#96
4-ethyl toluene
Concen: 3.52 ppbV m
RT: 7.635 min Scan# 867
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion:105 Resp: 328973

Ion	Ratio	Lower	Upper
105	100		
120	28.1	23.6	35.4
91	11.4	9.0	13.6

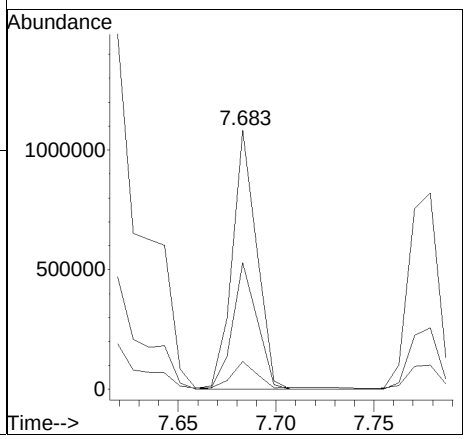


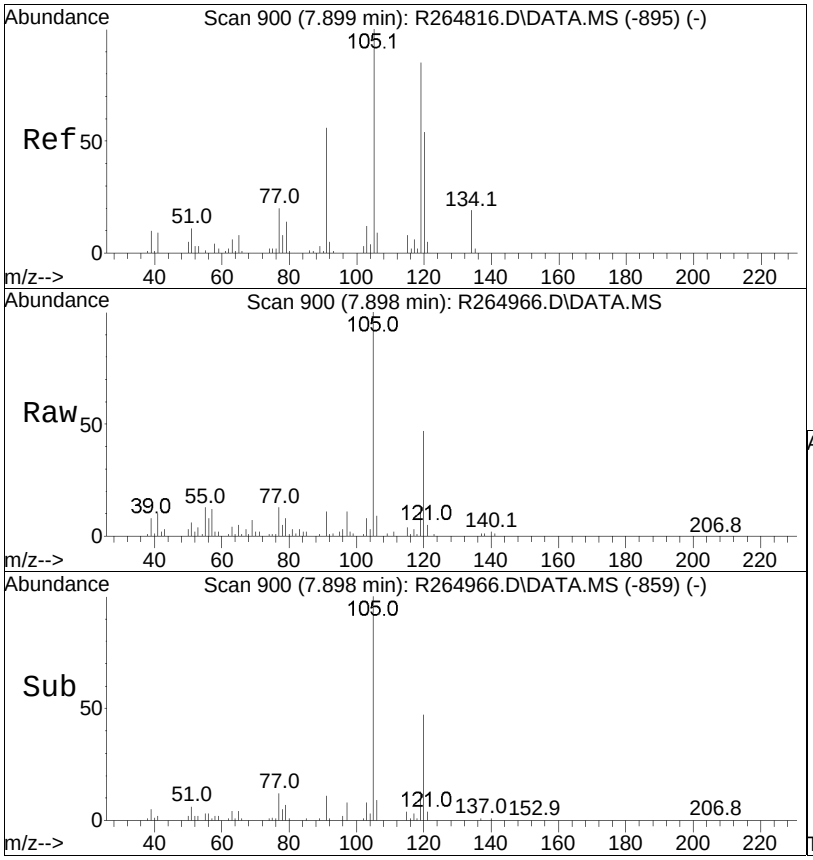


#97
1,3,5-trimethylbenzene
Concen: 11.41 ppbV
RT: 7.683 min Scan# 873
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion:105 Resp: 944220

Ion	Ratio	Lower	Upper
105	100		
120	48.9	39.9	59.9
91	10.8	8.3	12.5

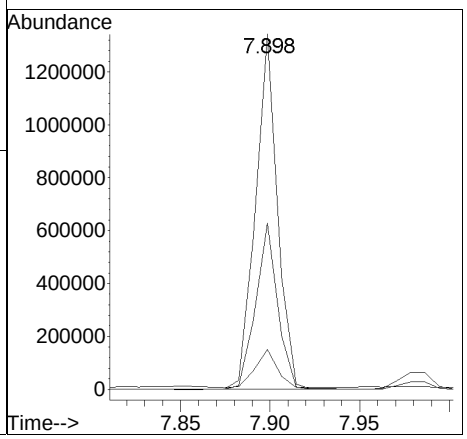


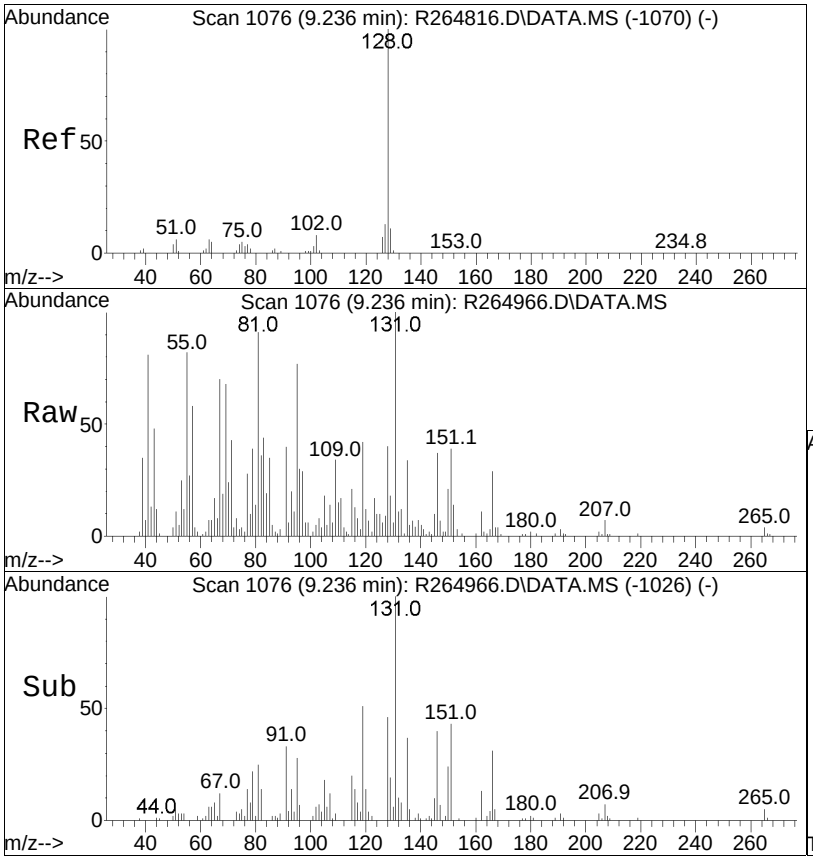


#99
1,2,4-trimethylbenzene
Concen: 13.53 ppbV
RT: 7.898 min Scan# 900
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion:105 Resp: 1141595

Ion	Ratio	Lower	Upper
105	100		
120	46.8	43.2	64.8
91	11.2	44.4	66.6#

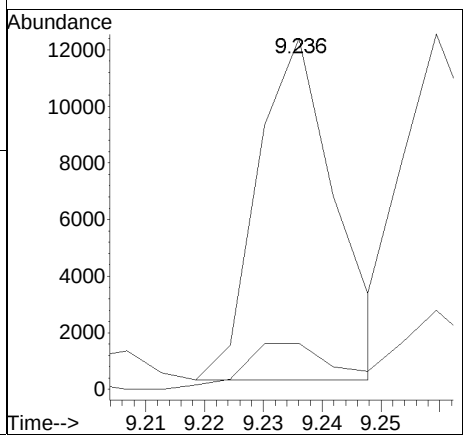




#116
naphthalene
Concen: 0.08 ppbV
RT: 9.236 min Scan# 1076
Delta R.T. -0.000 min
Lab File: R264966.D
Acq: 16 Jul 2025 04:32 am

Tgt Ion:128 Resp: 11164

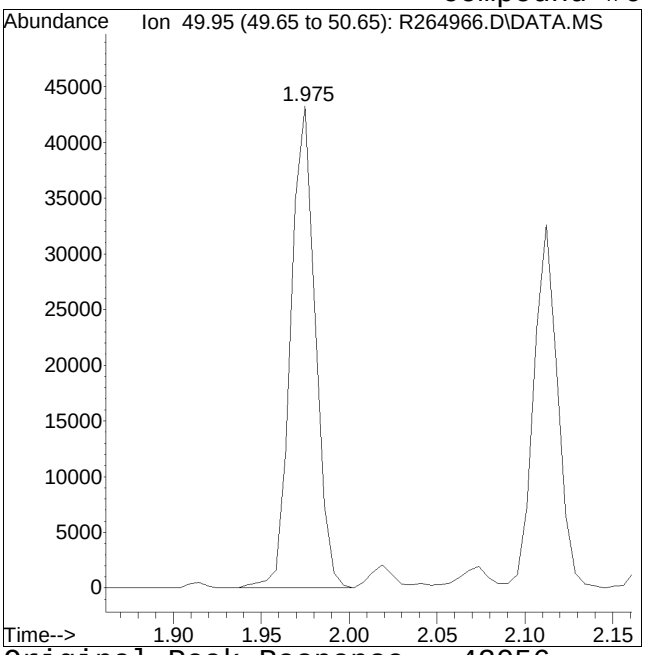
Ion	Ratio	Lower	Upper
128	100		
102	13.1	6.6	9.8#

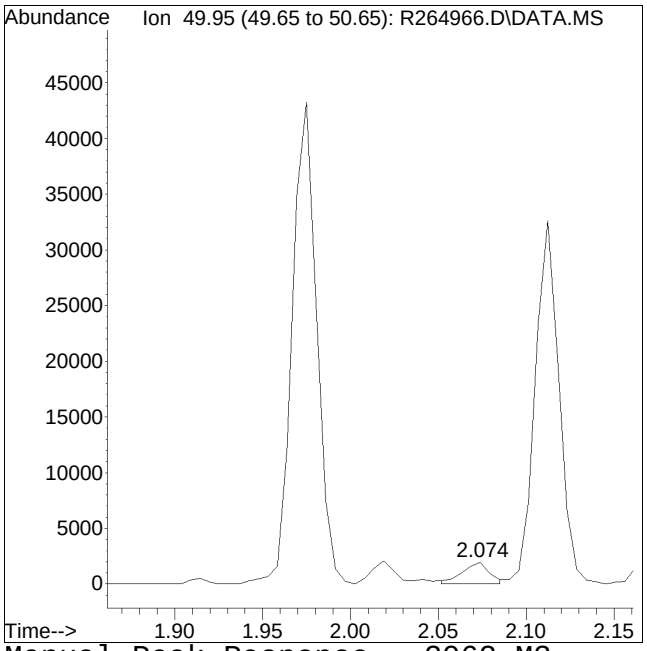


Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264966.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 4:32 am Instrument : Airlab26
Sample : L2543344-02D,3,175,250 Quant Date : 7/16/2025 6:31 am

Compound #6: chloromethane





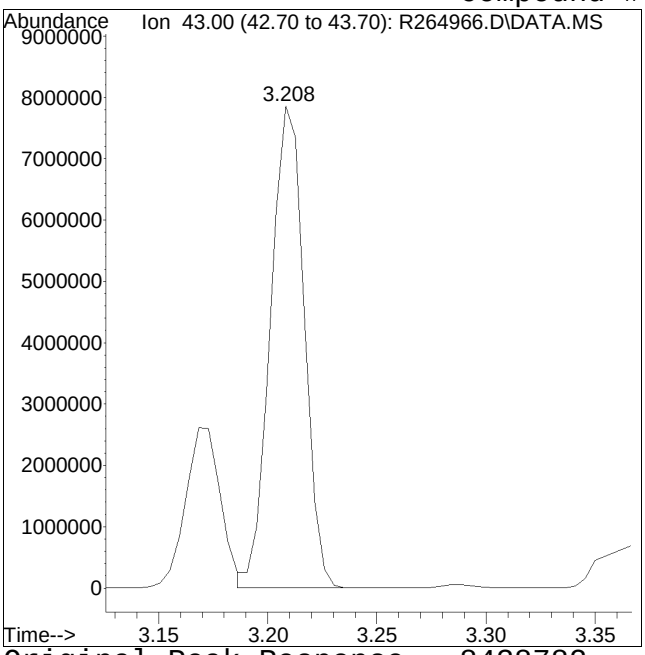
Original Peak Response = 42056 Manual Peak Response = 2062 M3

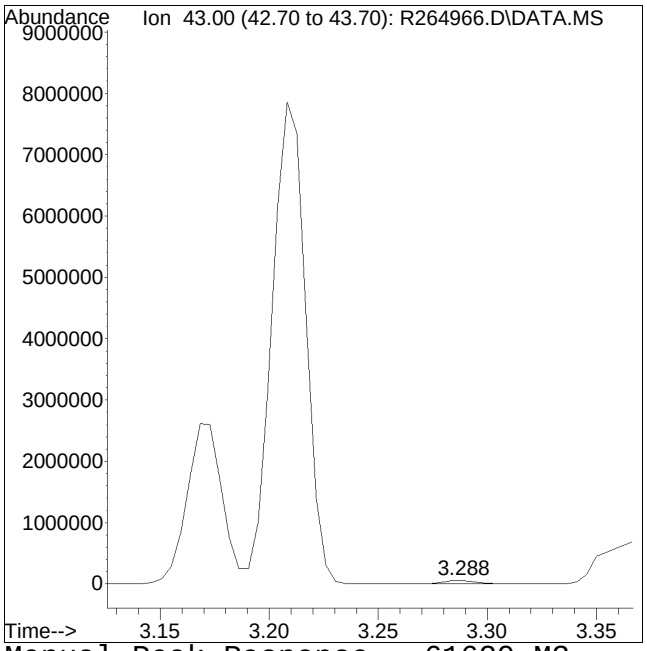
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264966.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 4:32 am Instrument : Airlab26
Sample : L2543344-02D,3,175,250 Quant Date : 7/16/2025 6:31 am

Compound #36: 2-butanone



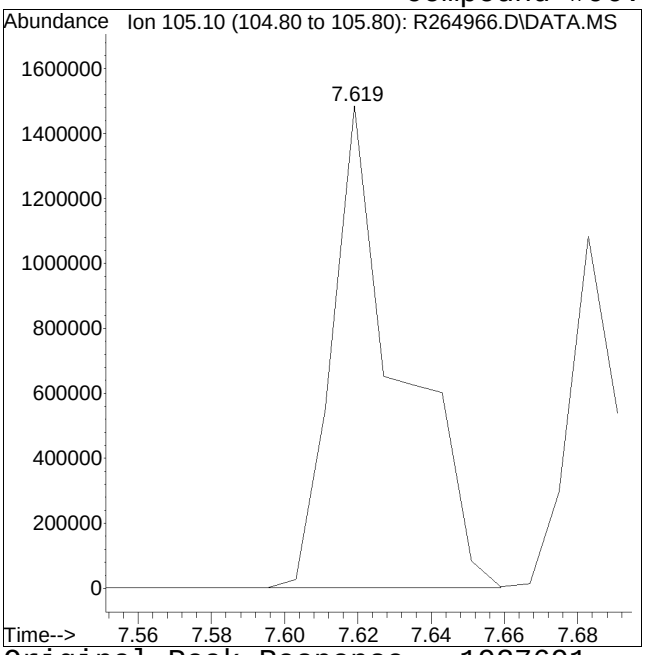


Original Peak Response = 8438782 Manual Peak Response = 61620 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

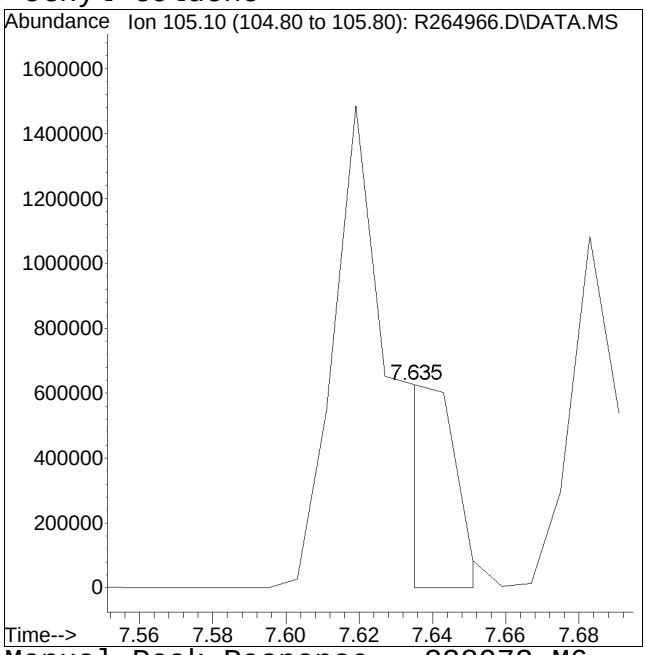
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264966.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 4:32 am Instrument : Airlab26
Sample : L2543344-02D,3,175,250 Quant Date : 7/16/2025 6:31 am

Compound #96: 4-ethyl toluene



Original Peak Response = 1927691



Manual Peak Response = 328973 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264967.D
Acq On : 16 Jul 2025 05:02 am
Operator : AIRLAB26:RAY
Sample : L2543344-03D,3,25,250
Misc : WG2090986,ICAL22465
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 16 06:31:41 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.516	49	206253	10.000	ppbV	0.00
Standard Area = 189637			Recovery = 108.76%			
43) 1,4-difluorobenzene	4.375	114	732025	10.000	ppbV	0.00
Standard Area = 667401			Recovery = 109.68%			
67) chlorobenzene-D5	6.455	54	121525	10.000	ppbV	0.00
Standard Area = 107009			Recovery = 113.57%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.030	85	2490	0.063	ppbV #	74
6) chloromethane	0.000		0	N.D.	d	
7) Freon-114	0.000		0	N.D.	d	
9) vinyl chloride	2.145		0	N.D.		
10) 1,3-butadiene	2.184		0	N.D.		
13) bromomethane	0.000		0	N.D.	d	
14) chloroethane	2.354		0	N.D.		
15) ethanol	2.376	31	4297	0.501	ppbV	87
17) vinyl bromide	0.000		0	N.D.		
19) acetone	0.000		0	N.D.	d	
21) trichlorofluoromethane	2.556	101	1383	0.033	ppbV	88
22) isopropyl alcohol	2.579	45	31254	1.354	ppbV	100
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	0.000		0	N.D.	d	
28) methylene chloride	2.765	49	8205	0.475	ppbV	87
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	2.851		0	N.D.		
31) Freon 113	2.851		0	N.D.		
32) trans-1,2-dichloroethene	3.067	61	1399	0.061	ppbV #	83
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	3.292	43	24902	0.846	ppbV	98
37) cis-1,2-dichloroethene	3.568		0	N.D.		
38) Ethyl Acetate	3.568		0	N.D.		
39) chloroform	3.568	83	5647	0.157	ppbV #	91
40) Tetrahydrofuran	3.747	42	28696	1.966	ppbV	99
42) 1,2-dichloroethane	0.000		0	N.D.	d	
44) hexane	3.553	57	158030	6.049	ppbV #	17

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264967.D
Acq On : 16 Jul 2025 05:02 am
Operator : AIRLAB26:RAY
Sample : L2543344-03D,3,25,250
Misc : WG2090986,ICAL22465
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 16 06:31:41 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,1,1-trichloroethane	3.982		0	N.D.			
50) benzene	4.186	78	82237	1.405	ppbV		98
52) carbon tetrachloride	0.000		0	N.D.	d		
53) cyclohexane	4.318	56	119349	4.444	ppbV		93
56) 1,2-dichloropropane	0.000		0	N.D.	d		
57) bromodichloromethane	0.000		0	N.D.	d		
58) 1,4-dioxane	0.000		0	N.D.			
59) trichloroethene	4.686		0	N.D.			
60) 2,2,4-trimethylpentane	4.724	57	6014734	73.625	ppbV		97
62) heptane	4.865	43	171048	6.060	ppbV		98
63) cis-1,3-dichloropropene	5.150		0	N.D.			
64) 4-methyl-2-pentanone	0.000		0	N.D.	d		
65) trans-1,3-dichloropropene	5.326		0	N.D.			
66) 1,1,2-trichloroethane	0.000		0	N.D.	d		
68) toluene	5.589	91	119905	1.641	ppbV		99
72) 2-hexanone	0.000		0	N.D.	d		
74) dibromochloromethane	0.000		0	N.D.			
75) 1,2-dibromoethane	5.972		0	N.D.			
78) tetrachloroethene	6.148	166	4726	0.137	ppbV		97
80) chlorobenzene	0.000		0	N.D.	d		
81) ethylbenzene	6.673	91	37011	0.391	ppbV	#	83
83) m+p-xylene	6.766	91	679407	8.715	ppbV		96
84) bromoform	0.000		0	N.D.			
85) styrene	0.000		0	N.D.	d		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d		
87) o-xylene	6.992	91	376109	5.075	ppbV		100
96) 4-ethyl toluene	7.635	105	56038M6	0.582	ppbV		
97) 1,3,5-trimethylbenzene	7.683	105	309799	3.639	ppbV		100
99) 1,2,4-trimethylbenzene	7.898	105	149593	1.724	ppbV	#	65
101) Benzyl Chloride	0.000		0	N.D.	d		
102) 1,3-dichlorobenzene	0.000		0	N.D.	d		
103) 1,4-dichlorobenzene	0.000		0	N.D.	d		
107) 1,2-dichlorobenzene	0.000		0	N.D.			
115) 1,2,4-trichlorobenzene	9.236		0	N.D.			
116) naphthalene	9.236		0	N.D.			
119) hexachlorobutadiene	0.000		0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264967.D
Acq On : 16 Jul 2025 05:02 am
Operator : AIRLAB26:RAY
Sample : L2543344-03D,3,25,250
Misc : WG2090986,ICAL22465
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 16 06:31:41 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

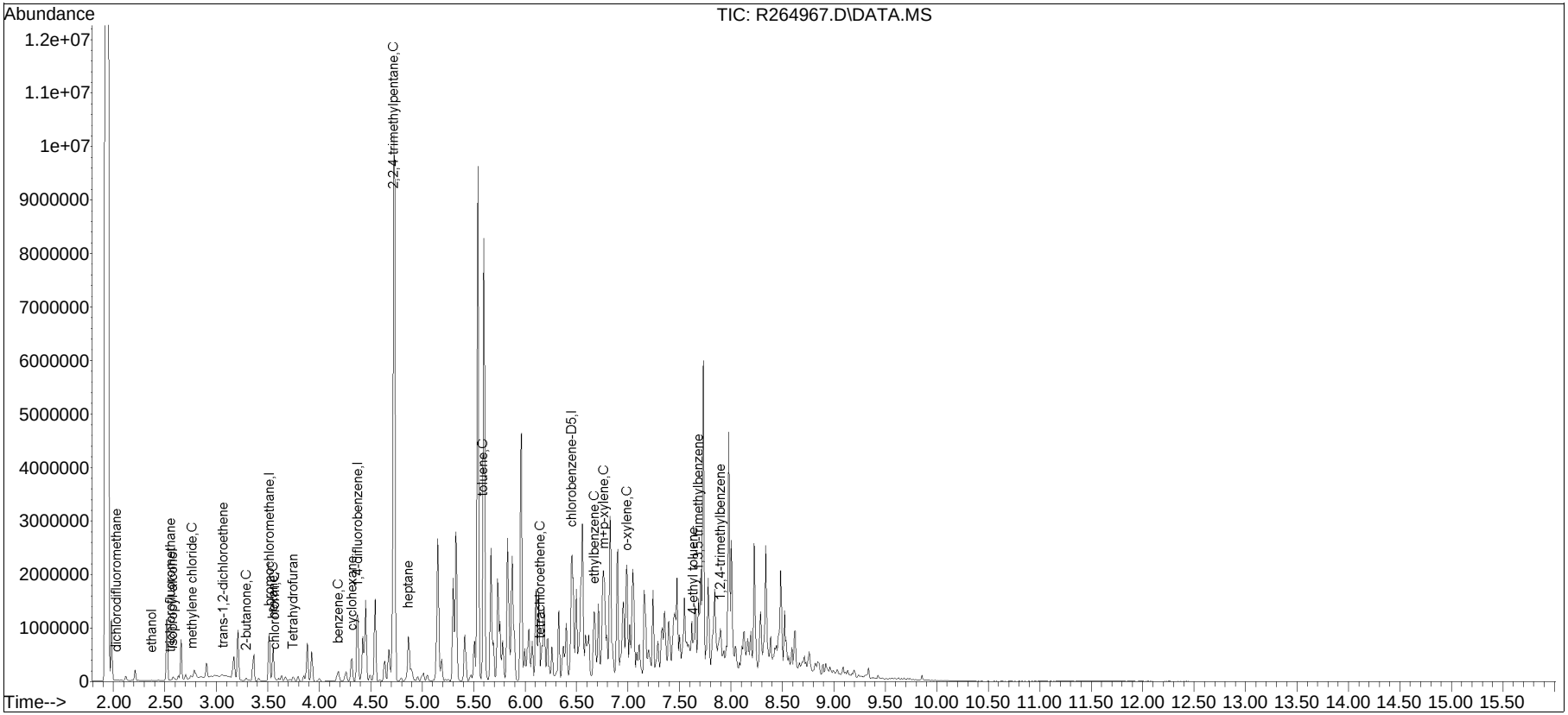
CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

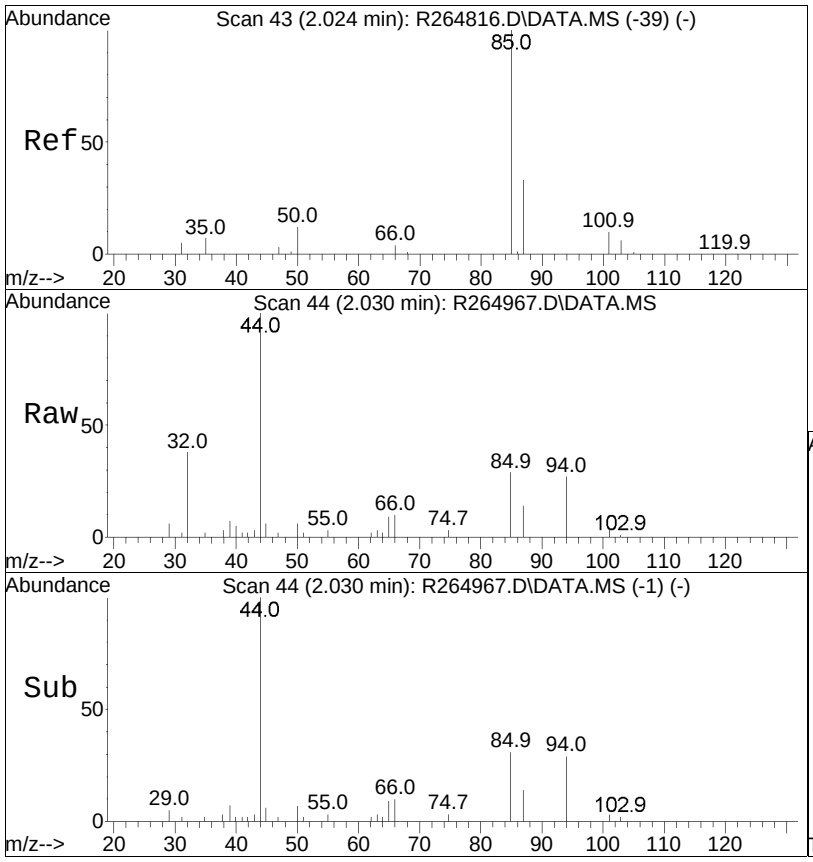
Sub List : TO15-NY+Naphthalene - .\2025\07\0715T\R264943.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264967.D
Acq On : 16 Jul 2025 05:02 am
Operator : AIRLAB26:RAY
Sample : L2543344-03D,3,25,250
Misc : WG2090986,ICAL22465
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 16 06:31:41 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration



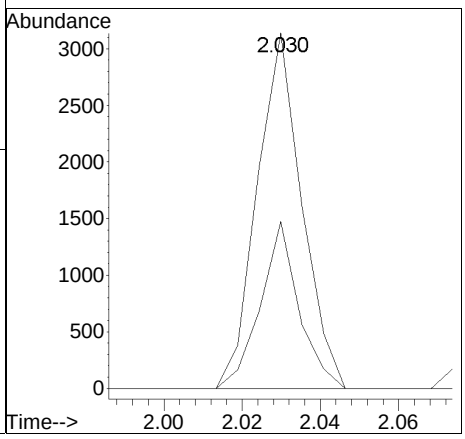
TFS26_250709.M Wed Jul 16 09:24:19 2025 Page: 3

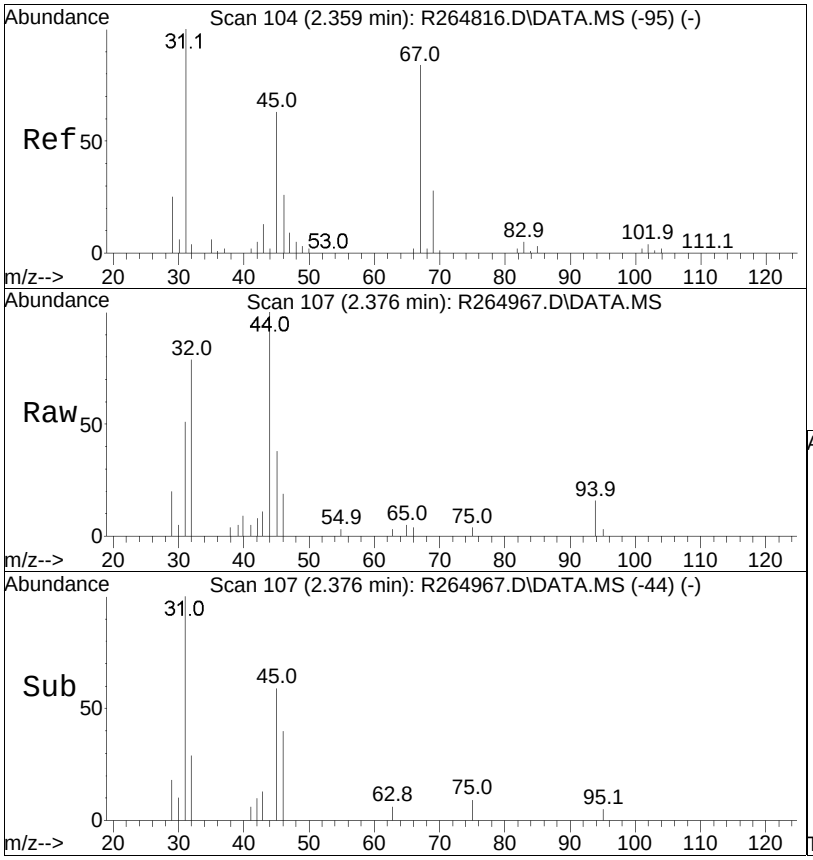


#5
dichlorodifluoromethane
Concen: 0.06 ppbV
RT: 2.030 min Scan# 44
Delta R.T. 0.005 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 85 Resp: 2490

Ion	Ratio	Lower	Upper
85	100		
87	47.0	26.1	39.1#

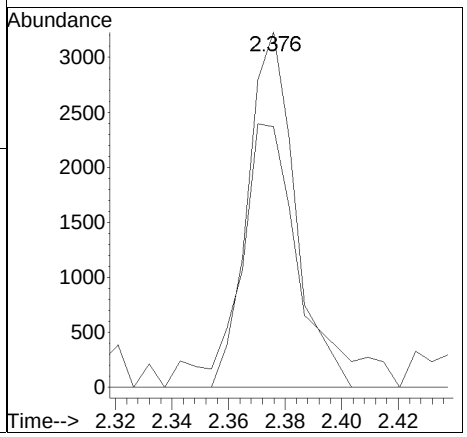


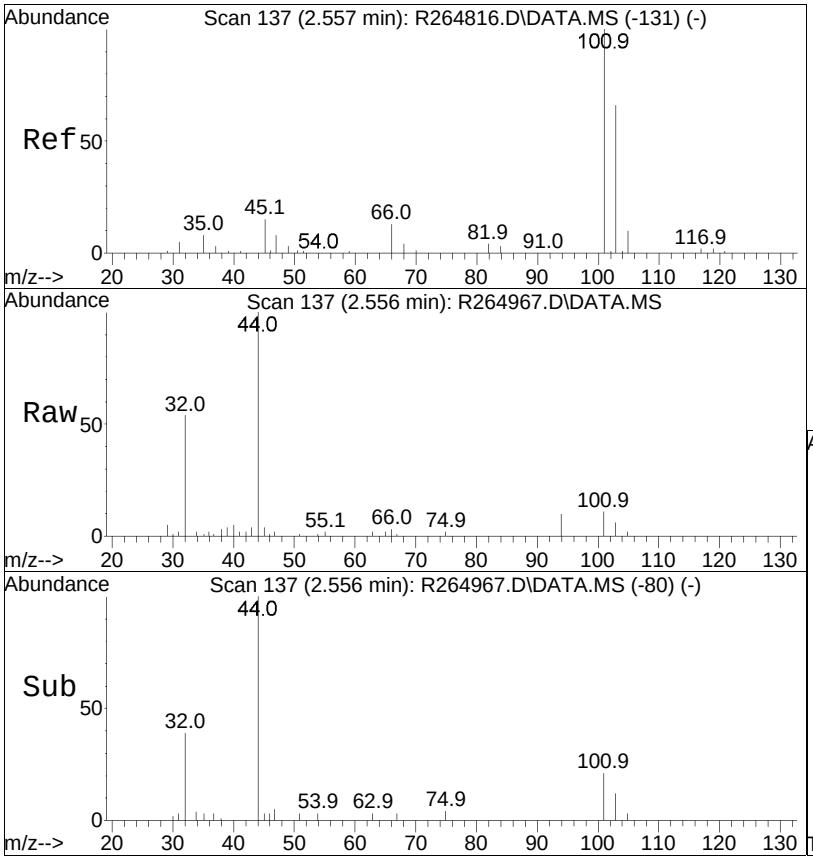


#15
ethanol
Concen: 0.50 ppbV
RT: 2.376 min Scan# 107
Delta R.T. 0.016 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 31 Resp: 4297

Ion	Ratio	Lower	Upper
31	100		
45	73.3	50.7	76.1

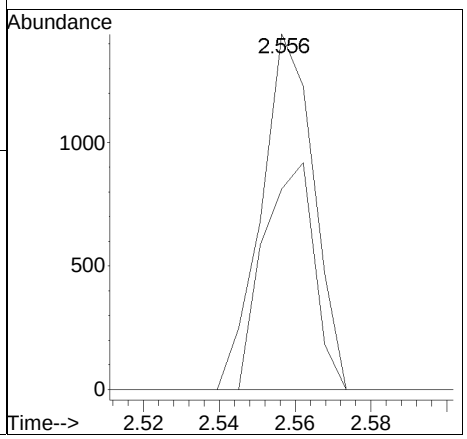


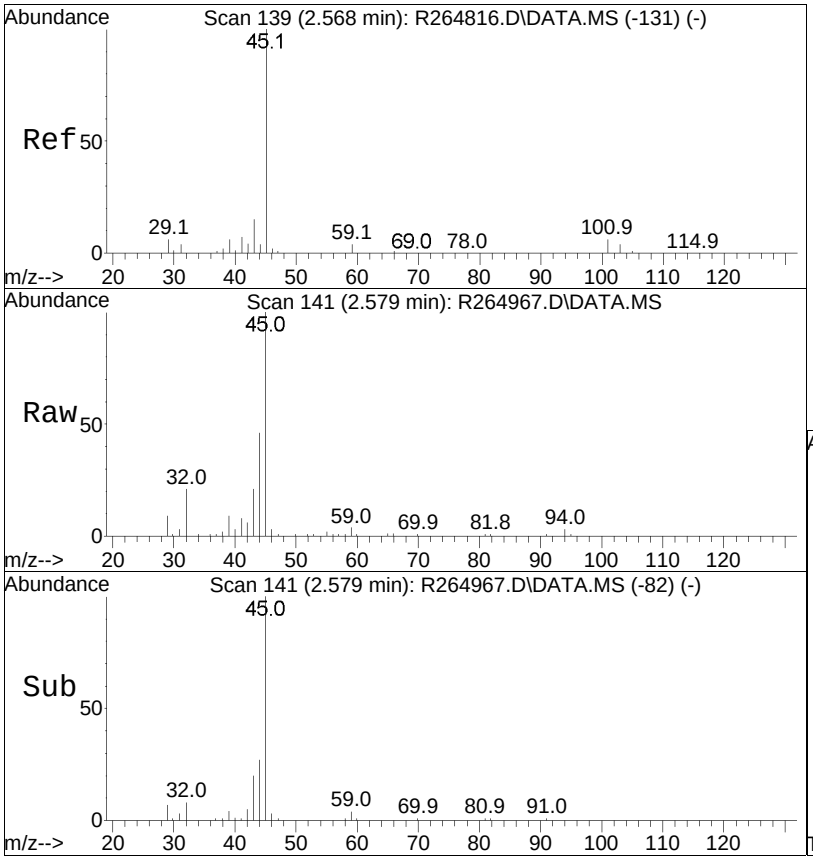


#21
trichlorofluoromethane
Concen: 0.03 ppbV
RT: 2.556 min Scan# 137
Delta R.T. -0.000 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion:101 Resp: 1383

Ion	Ratio	Lower	Upper
101	100		
103	56.4	53.0	79.6

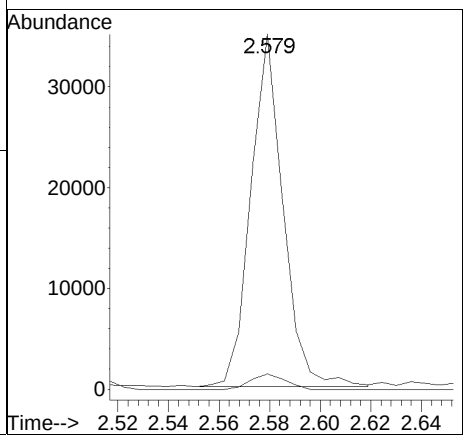


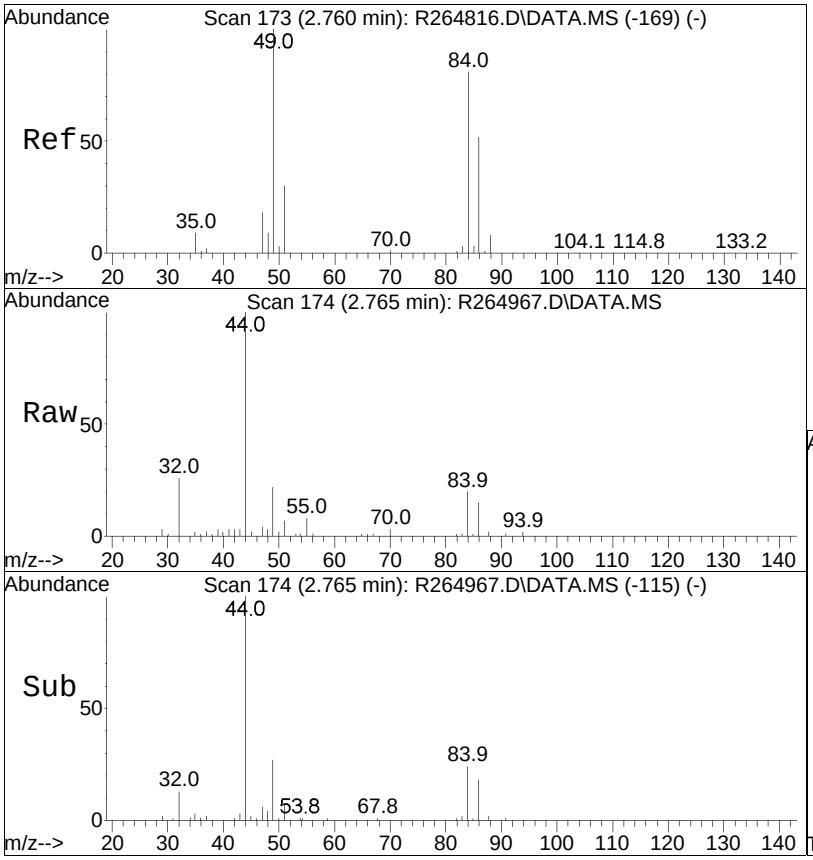


#22
isopropyl alcohol
Concen: 1.35 ppbV
RT: 2.579 min Scan# 141
Delta R.T. 0.011 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 45 Resp: 31254

Ion	Ratio	Lower	Upper
45	100		
59	4.4	3.5	5.3

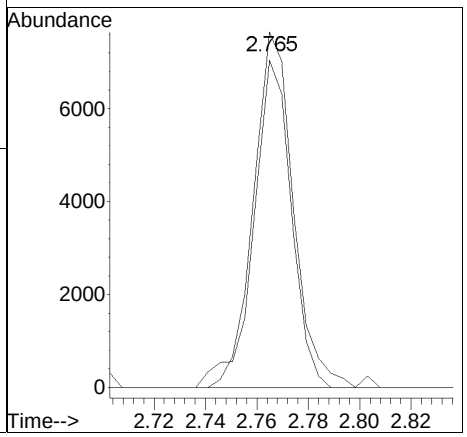


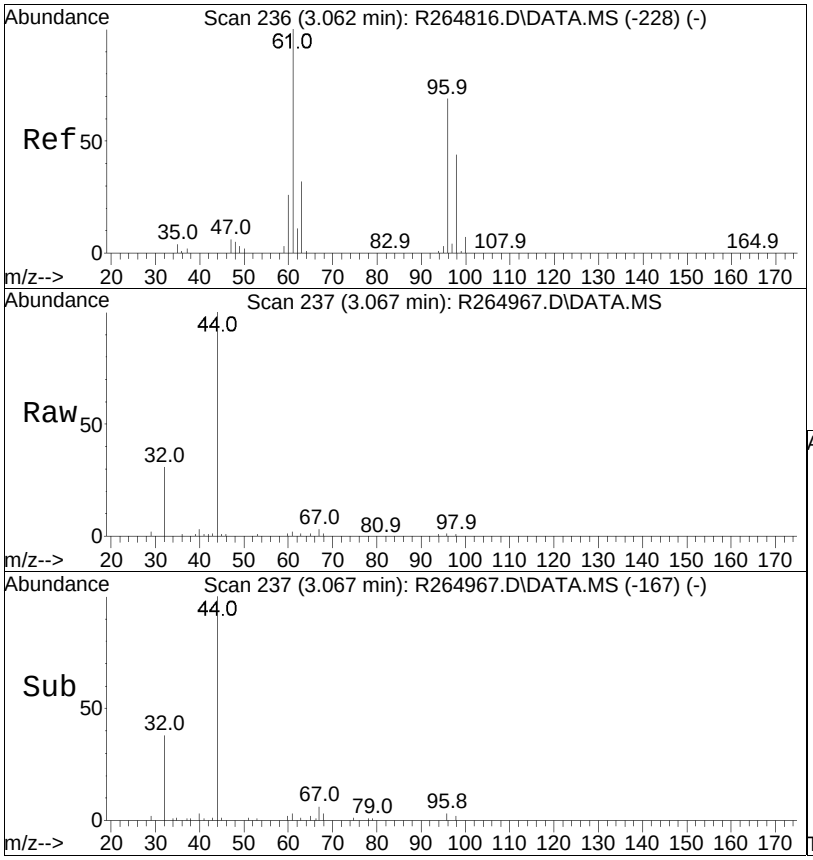


#28
methylene chloride
Concen: 0.48 ppbV
RT: 2.765 min Scan# 174
Delta R.T. 0.005 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 49 Resp: 8205

Ion	Ratio	Lower	Upper
49	100		
84	92.0	64.4	96.6

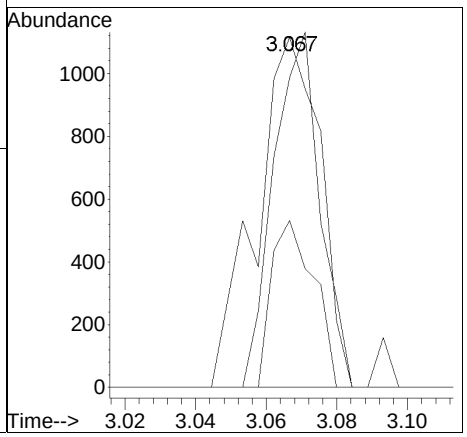


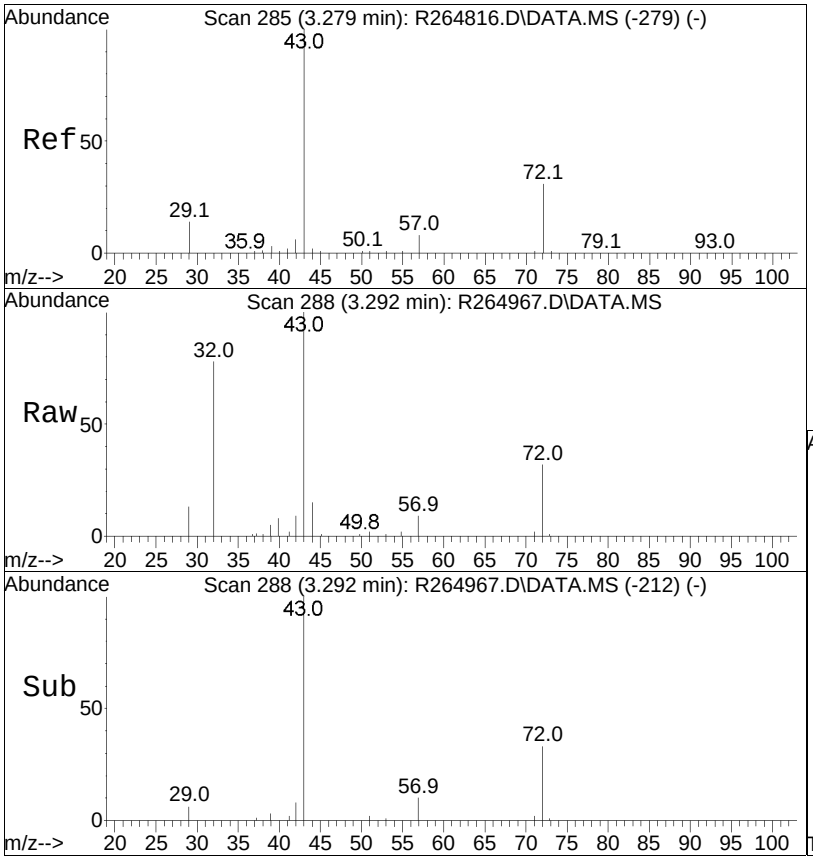


#32
trans-1,2-dichloroethene
Concen: 0.06 ppbV
RT: 3.067 min Scan# 237
Delta R.T. 0.004 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 61 Resp: 1399

Ion	Ratio	Lower	Upper
61	100		
96	88.4	55.1	82.7#
98	47.7	35.6	53.4

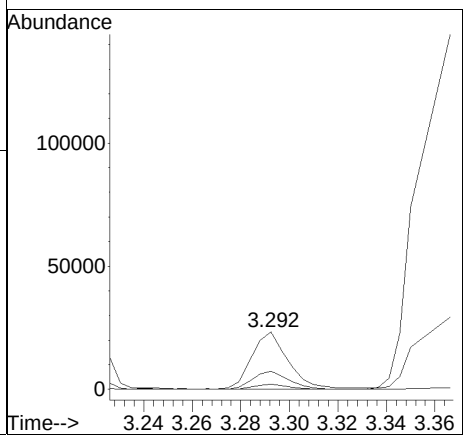


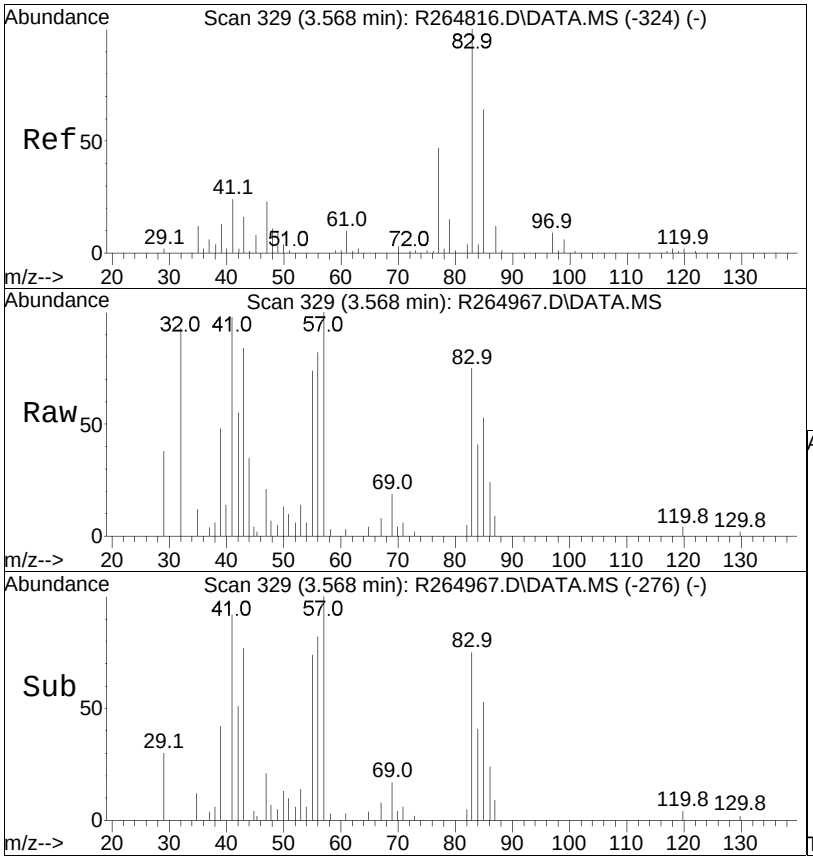


#36
2-butanone
Concen: 0.85 ppbV
RT: 3.292 min Scan# 288
Delta R.T. 0.013 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 43 Resp: 24902

Ion	Ratio	Lower	Upper
43	100		
72	31.8	24.4	36.6
57	9.2	6.7	10.1

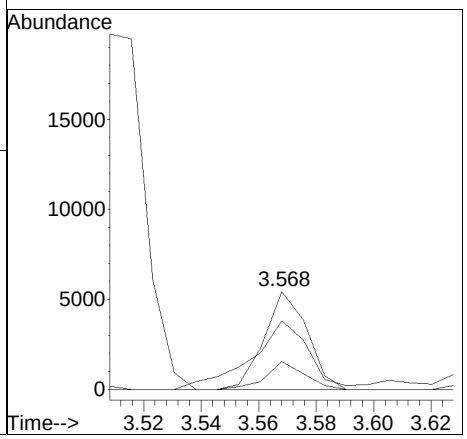


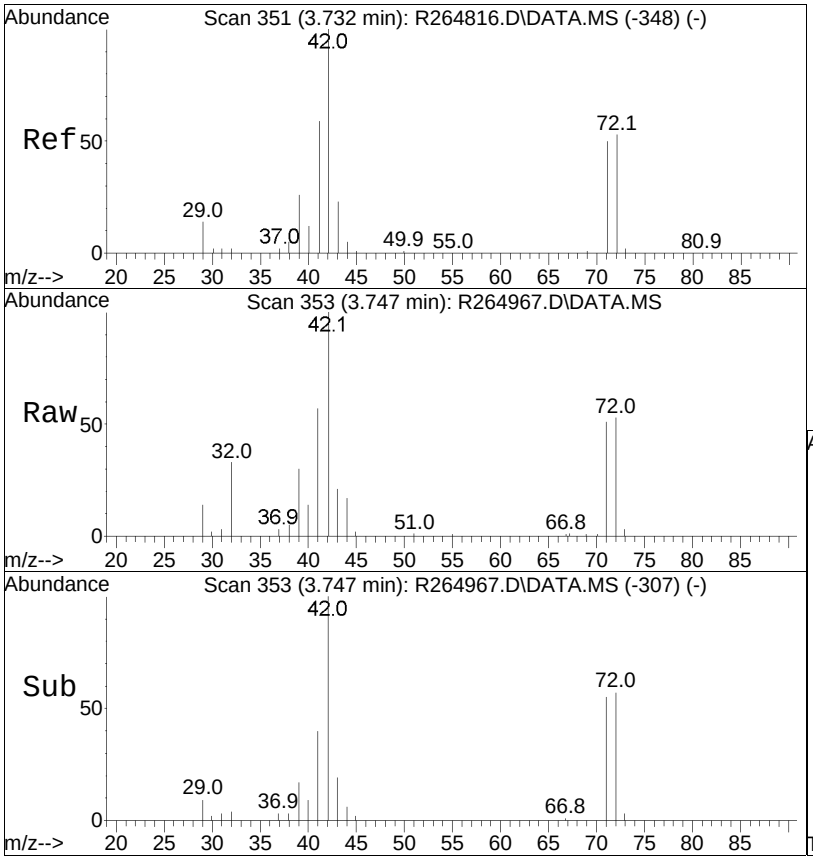


#39
chloroform
Concen: 0.16 ppbV
RT: 3.568 min Scan# 329
Delta R.T. -0.000 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 83 Resp: 5647

Ion	Ratio	Lower	Upper
83	100		
85	70.2	51.3	76.9
47	28.5	18.3	27.5#

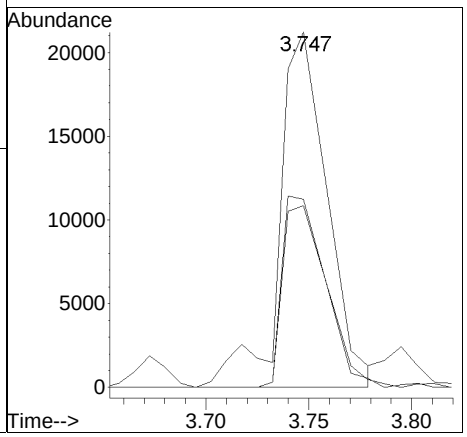


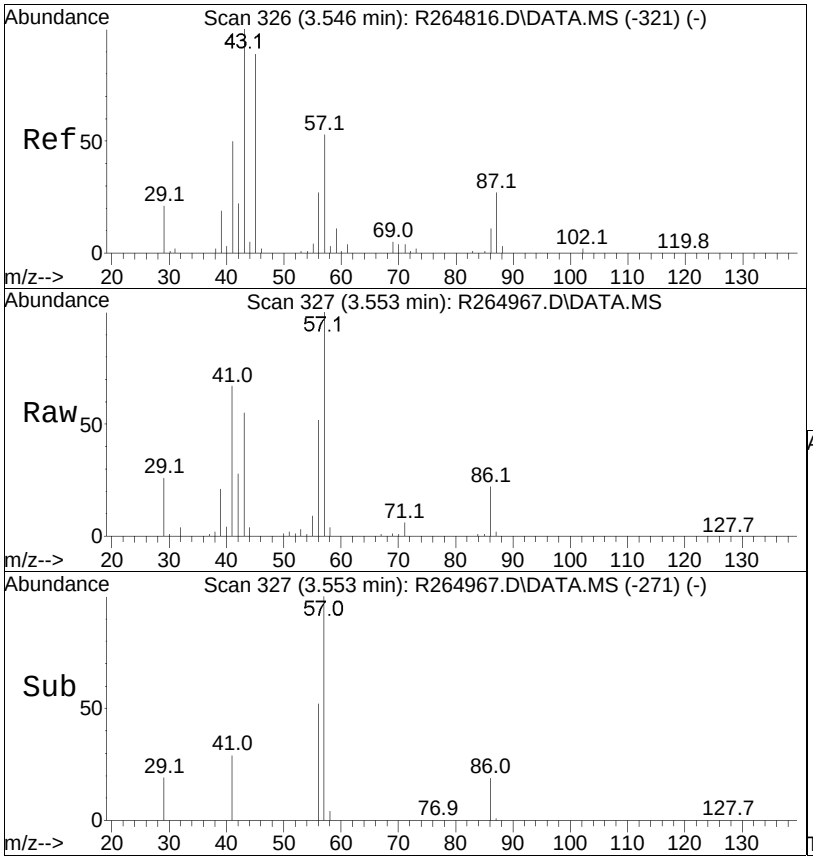


#40
Tetrahydrofuran
Concen: 1.97 ppbV
RT: 3.747 min Scan# 353
Delta R.T. 0.015 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 42 Resp: 28696

Ion	Ratio	Lower	Upper
42	100		
71	51.2	39.8	59.6
72	52.9	41.9	62.9

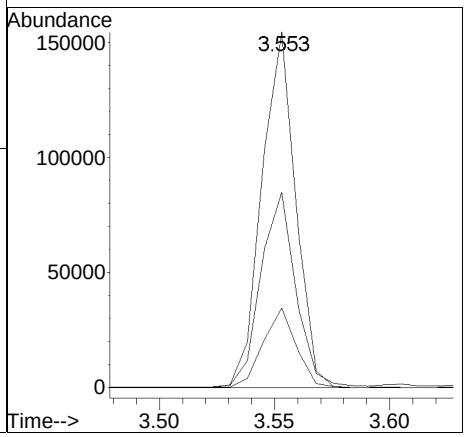


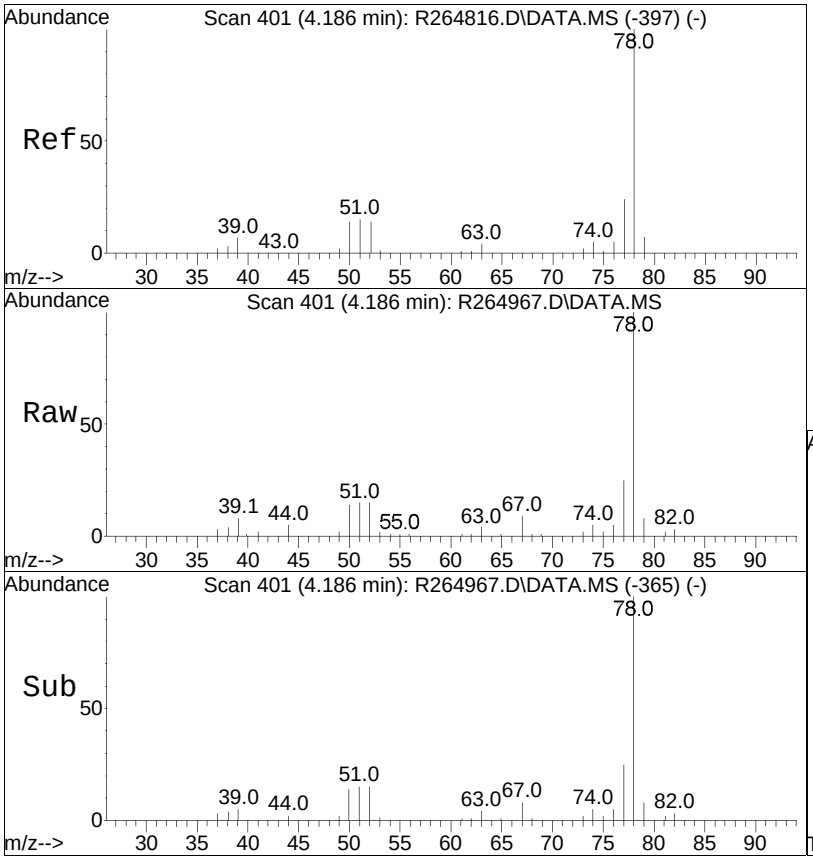


#44
hexane
Concen: 6.05 ppbV
RT: 3.553 min Scan# 327
Delta R.T. 0.007 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 57 Resp: 158030

Ion	Ratio	Lower	Upper
57	100		
43	54.9	150.0	225.0#
86	22.3	16.3	24.5

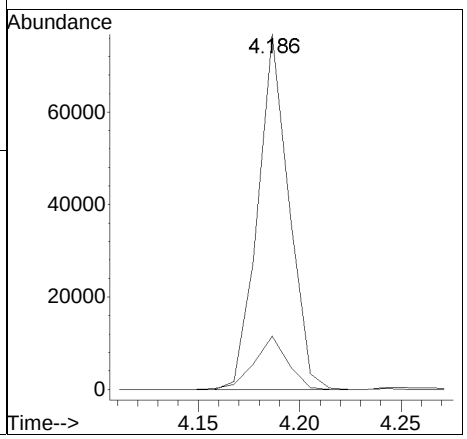


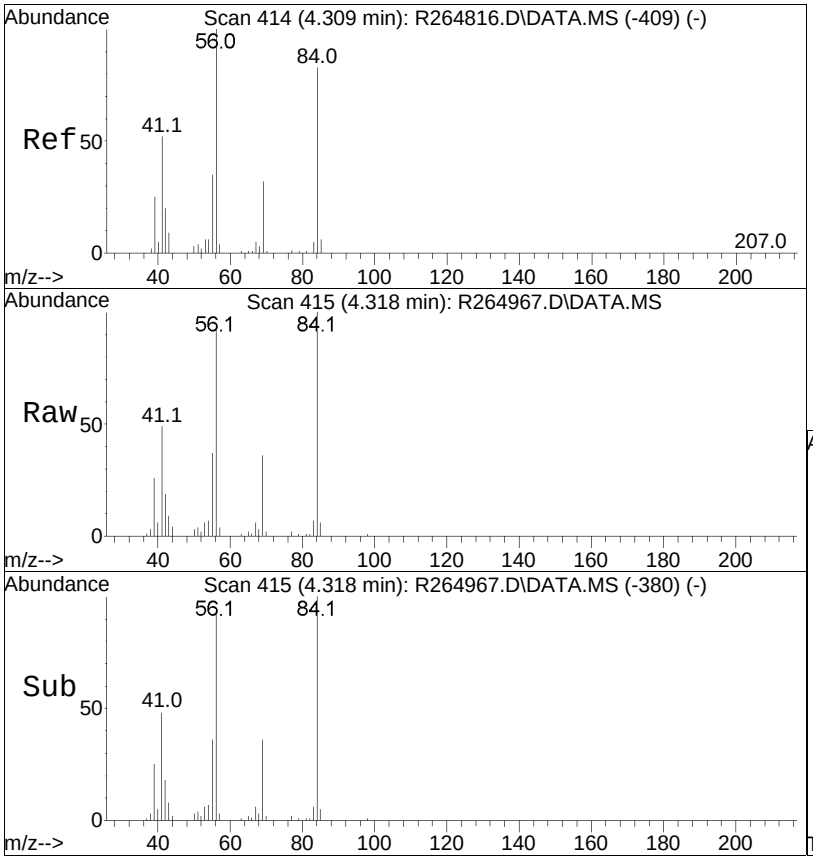


#50
benzene
Concen: 1.40 ppbV
RT: 4.186 min Scan# 401
Delta R.T. -0.000 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 78 Resp: 82237

Ion	Ratio	Lower	Upper
78	100		
52	15.0	11.4	17.0

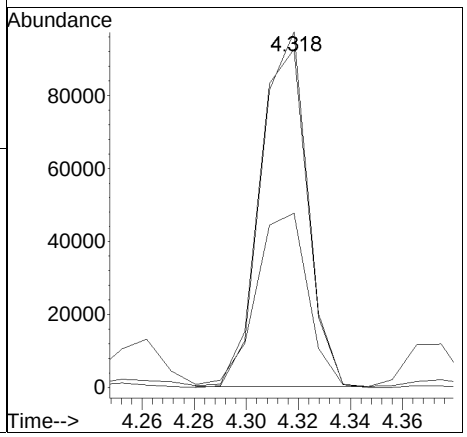


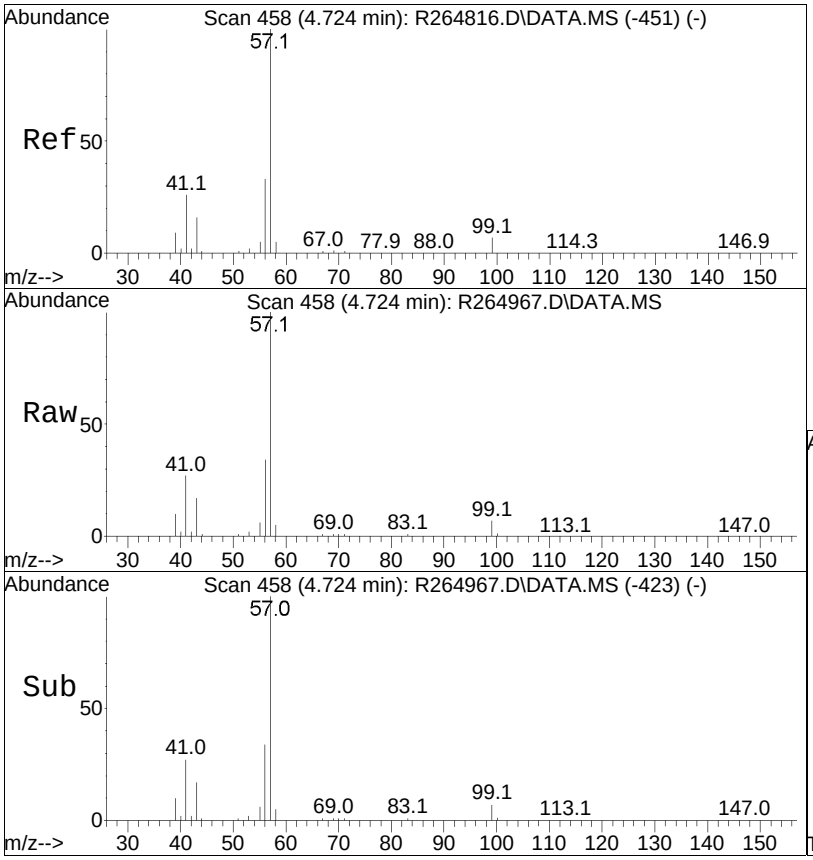


#53
cyclohexane
Concen: 4.44 ppbV
RT: 4.318 min Scan# 415
Delta R.T. 0.009 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 56 Resp: 119349

Ion	Ratio	Lower	Upper
56	100		
84	105.1	75.4	113.2
41	51.5	41.4	62.0

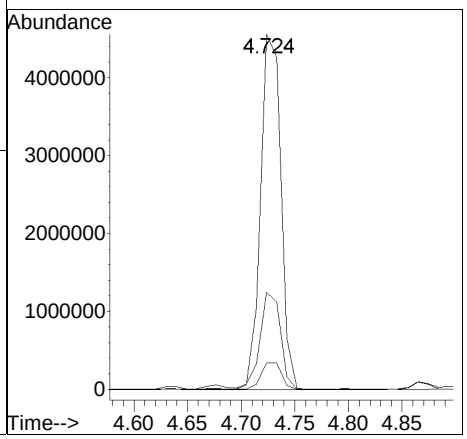


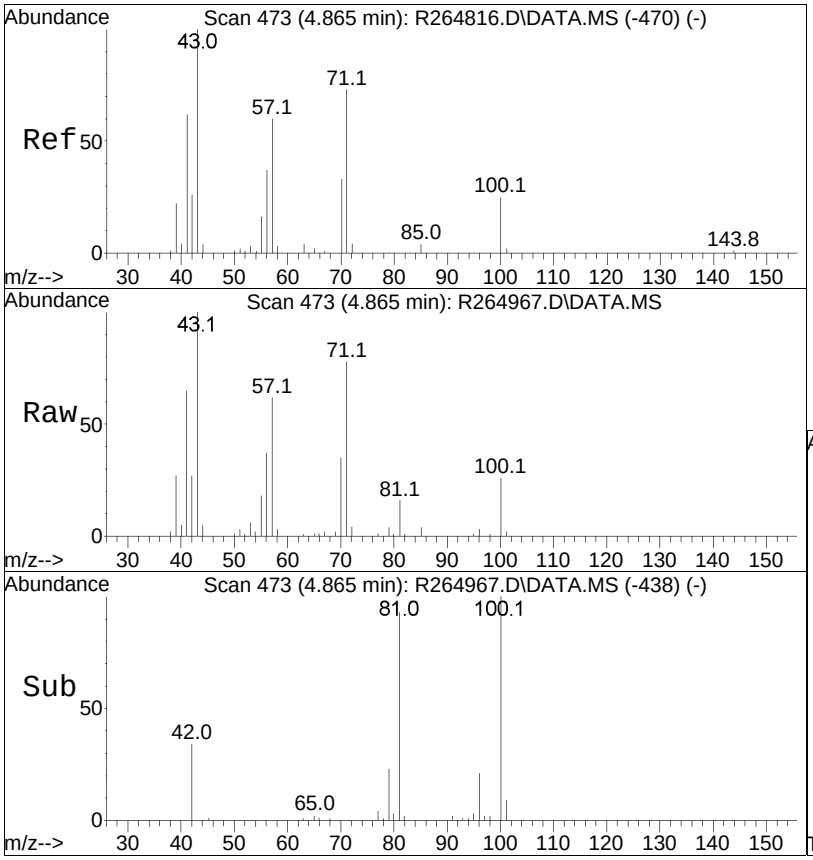


#60
2,2,4-trimethylpentane
Concen: 73.63 ppbV
RT: 4.724 min Scan# 458
Delta R.T. -0.000 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 57 Resp: 6014734

Ion	Ratio	Lower	Upper
57	100		
99	7.5	5.4	8.0
41	27.3	20.4	30.6

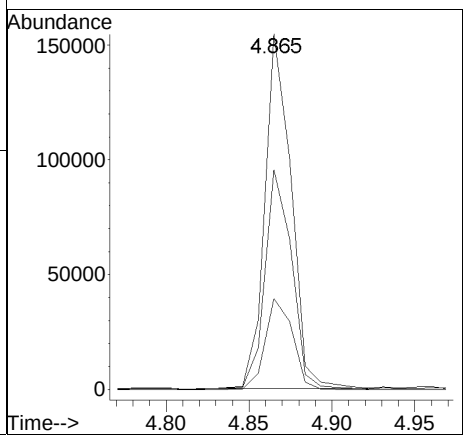


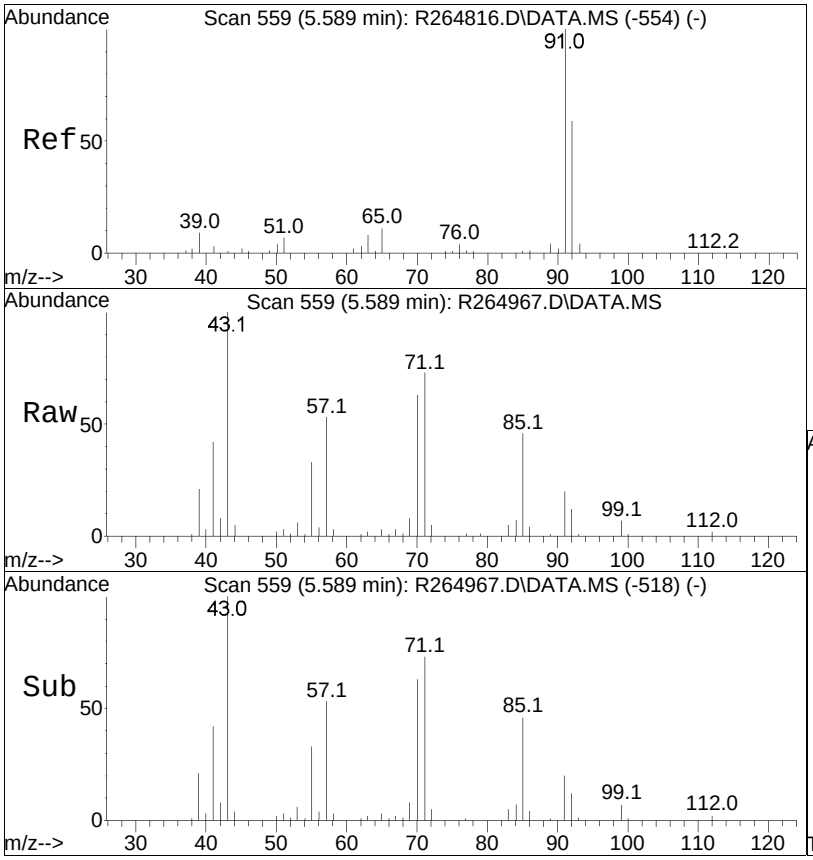


#62
heptane
Concen: 6.06 ppbV
RT: 4.865 min Scan# 473
Delta R.T. -0.000 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 43 Resp: 171048

Ion	Ratio	Lower	Upper
43	100		
57	61.8	47.8	71.8
100	25.6	20.1	30.1

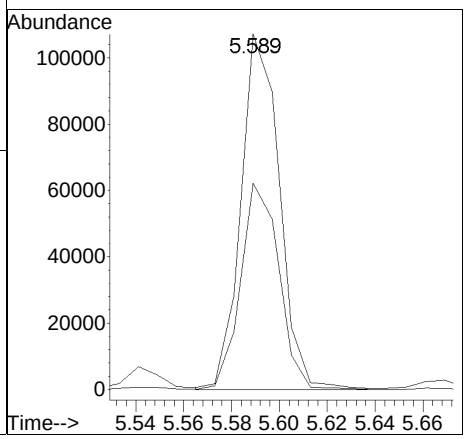


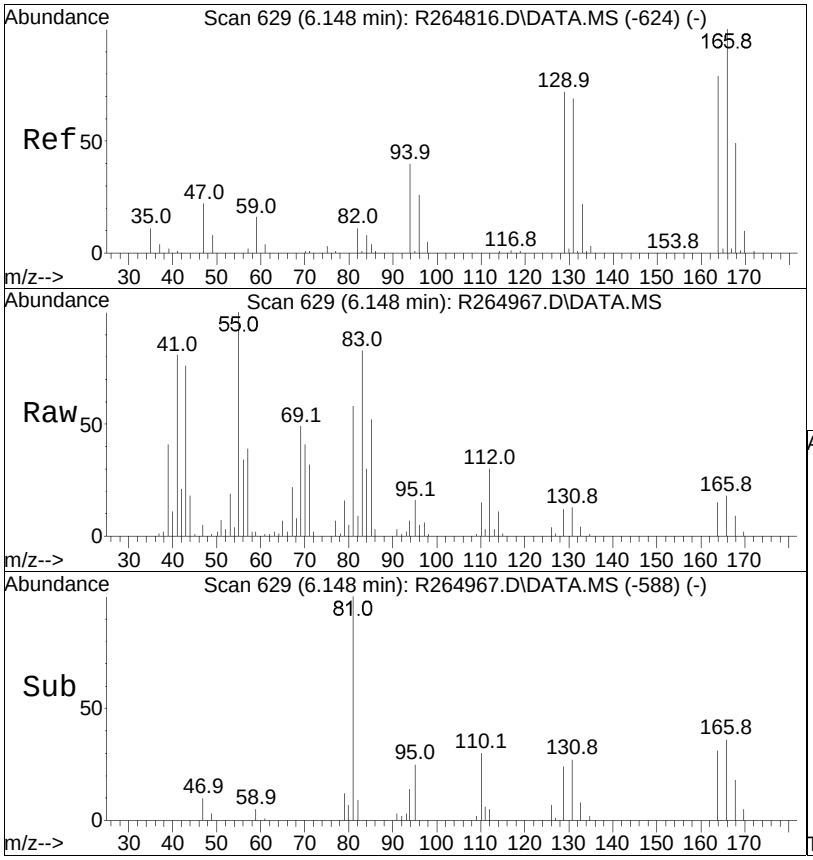


#68
toluene
Concen: 1.64 ppbV
RT: 5.589 min Scan# 559
Delta R.T. -0.000 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 91 Resp: 119905

Ion	Ratio	Lower	Upper
91	100		
92	58.1	47.1	70.7

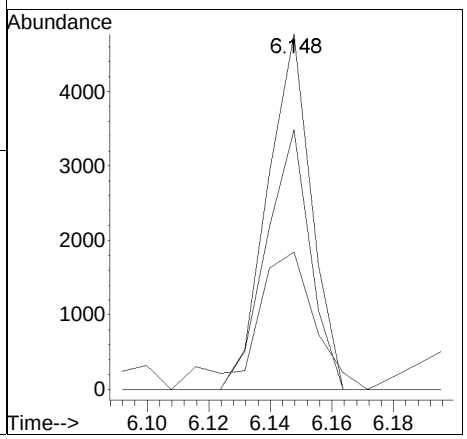


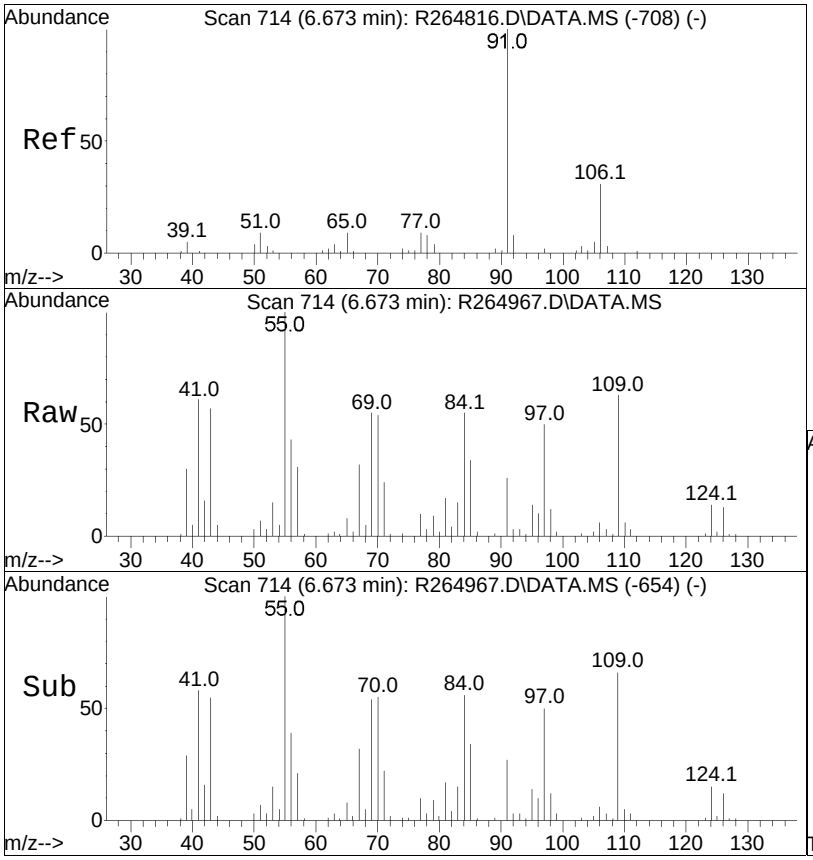


#78
tetrachloroethene
Concen: 0.14 ppbV
RT: 6.148 min Scan# 629
Delta R.T. -0.000 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion:166 Resp: 4726

Ion	Ratio	Lower	Upper
166	100		
131	73.0	55.5	83.3
94	38.7	31.8	47.6

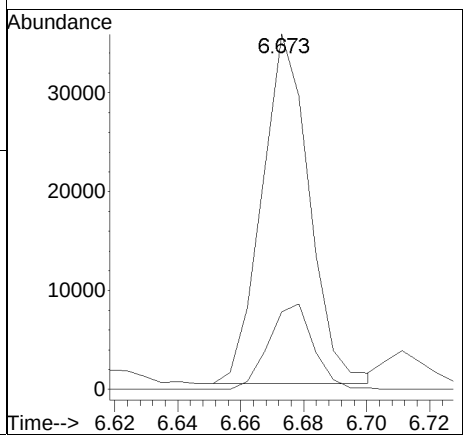


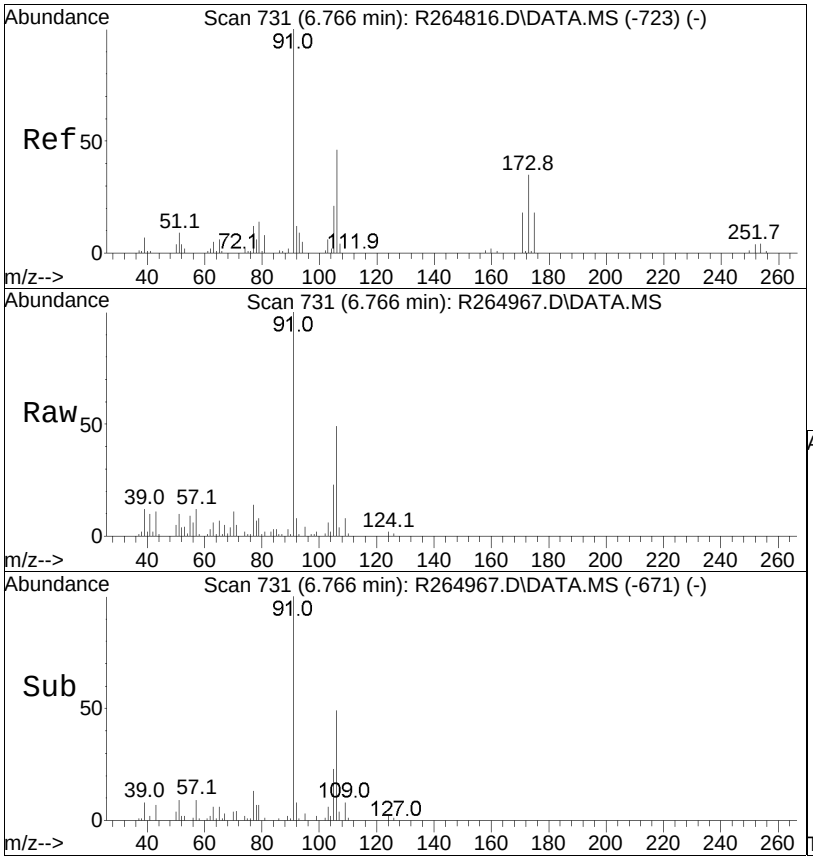


#81
ethylbenzene
Concen: 0.39 ppbV
RT: 6.673 min Scan# 714
Delta R.T. -0.000 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 91 Resp: 37011

Ion	Ratio	Lower	Upper
91	100		
106	21.8	24.9	37.3#

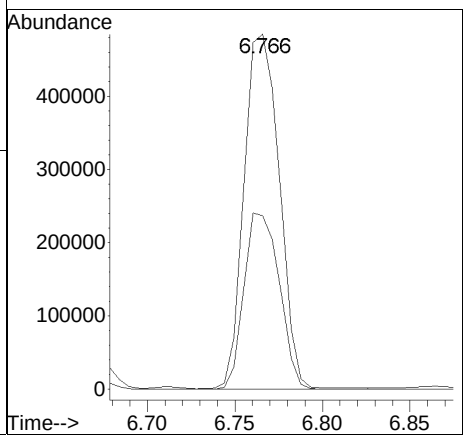


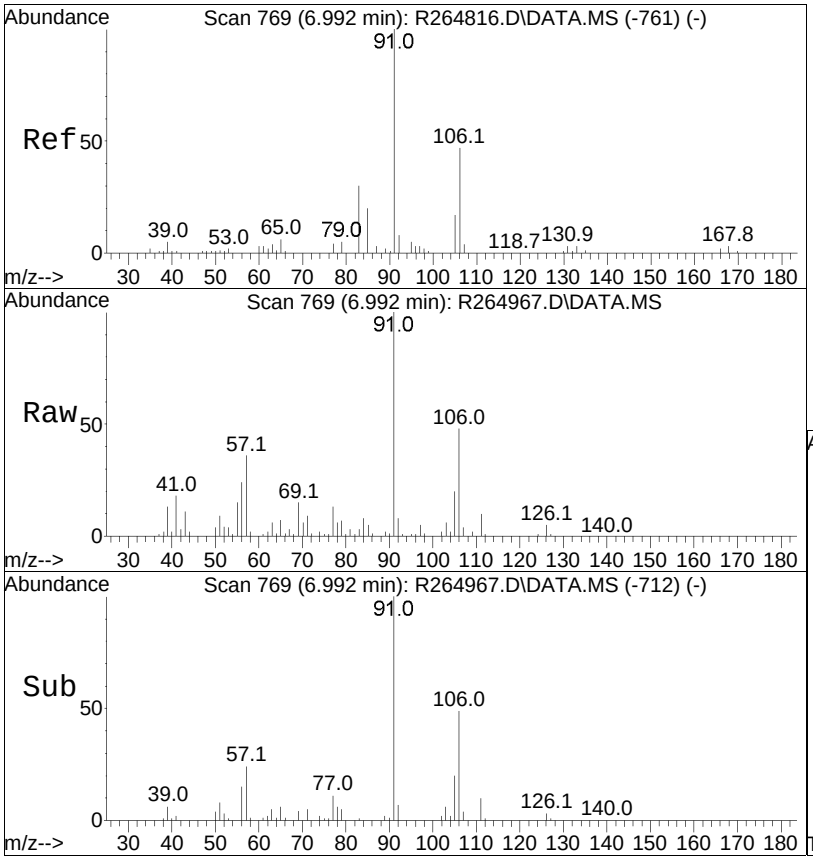


#83
m+p-xylene
Concen: 8.72 ppbV
RT: 6.766 min Scan# 731
Delta R.T. -0.000 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 91 Resp: 679407

Ion	Ratio	Lower	Upper
91	100		
106	48.9	37.1	55.7

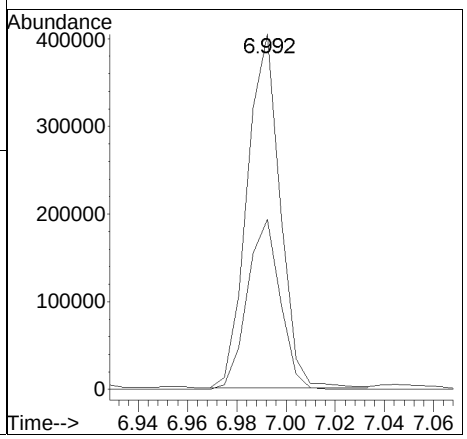


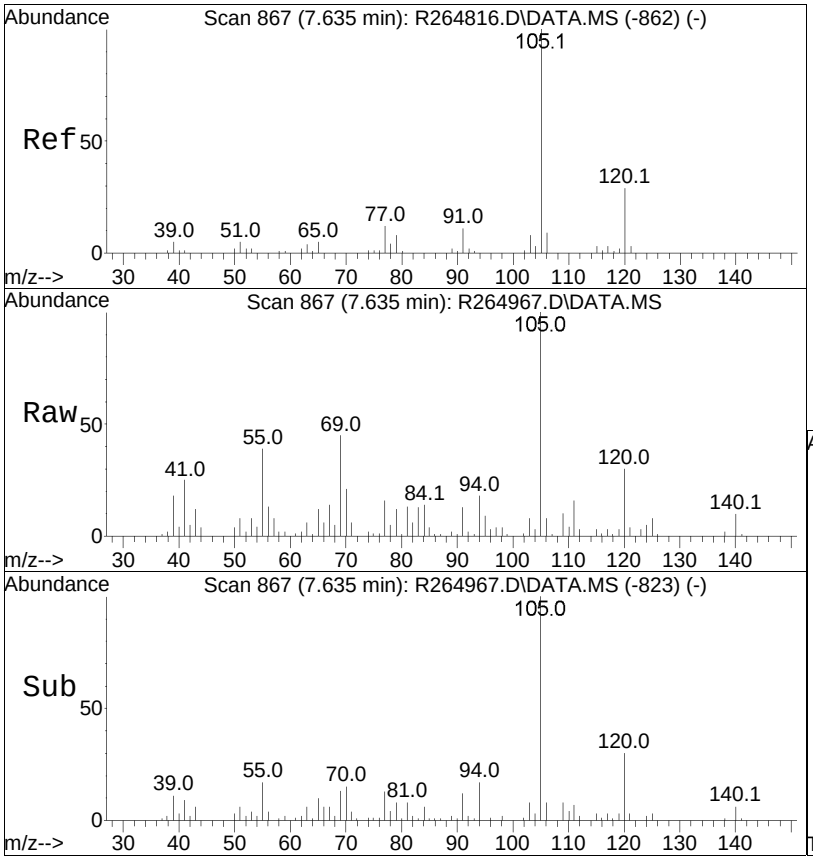


#87
o-xylene
Concen: 5.08 ppbV
RT: 6.992 min Scan# 769
Delta R.T. -0.000 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion: 91 Resp: 376109

Ion	Ratio	Lower	Upper
91	100		
106	47.9	38.1	57.1

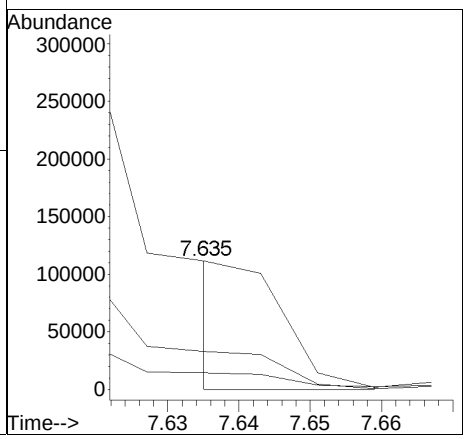


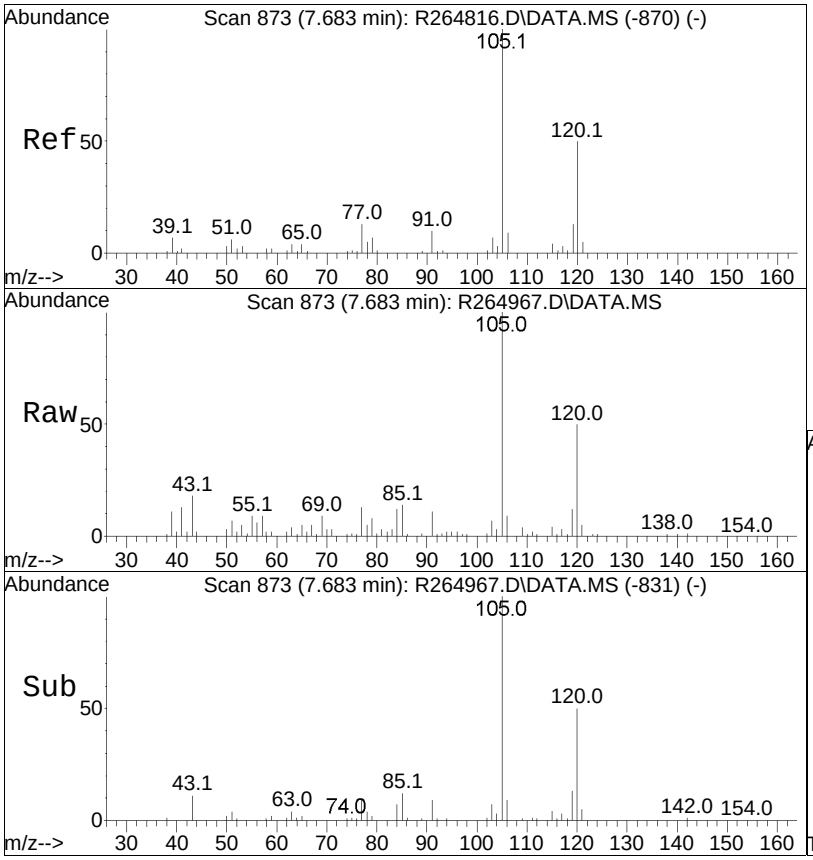


#96
4-ethyl toluene
Concen: 0.58 ppbV m
RT: 7.635 min Scan# 867
Delta R.T. -0.000 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion:105 Resp: 56038

Ion	Ratio	Lower	Upper
105	100		
120	29.6	23.6	35.4
91	12.9	9.0	13.6

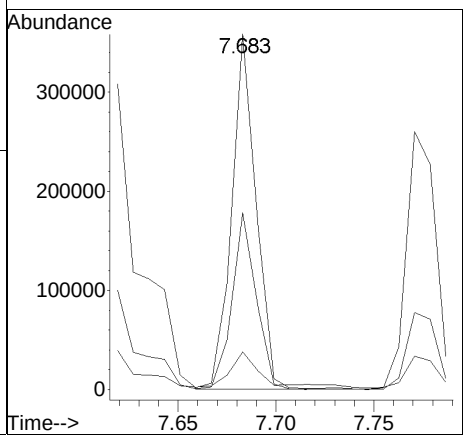


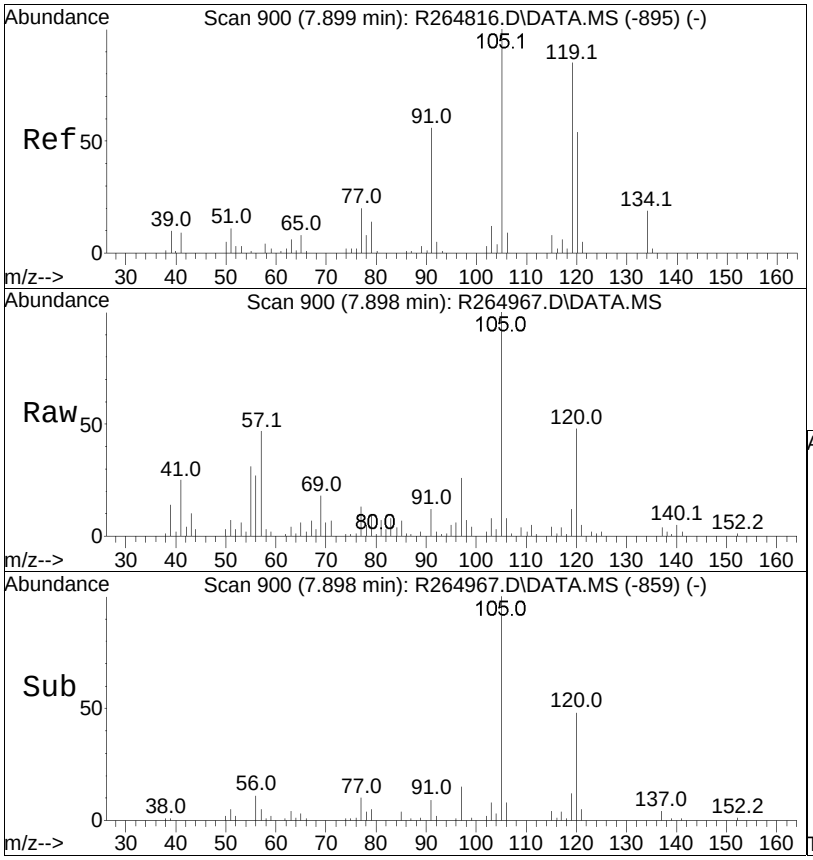


#97
1,3,5-trimethylbenzene
Concen: 3.64 ppbV
RT: 7.683 min Scan# 873
Delta R.T. -0.000 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion:105 Resp: 309799

Ion	Ratio	Lower	Upper
105	100		
120	49.7	39.9	59.9
91	10.6	8.3	12.5

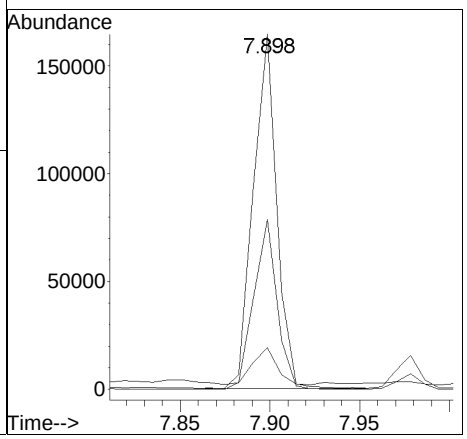




#99
1,2,4-trimethylbenzene
Concen: 1.72 ppbV
RT: 7.898 min Scan# 900
Delta R.T. -0.000 min
Lab File: R264967.D
Acq: 16 Jul 2025 05:02 am

Tgt Ion:105 Resp: 149593

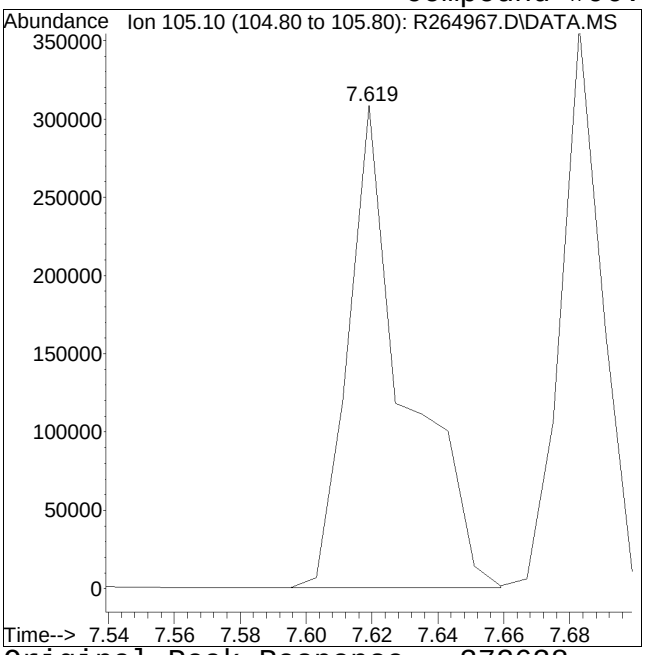
Ion	Ratio	Lower	Upper
105	100		
120	47.8	43.2	64.8
91	11.7	44.4	66.6#



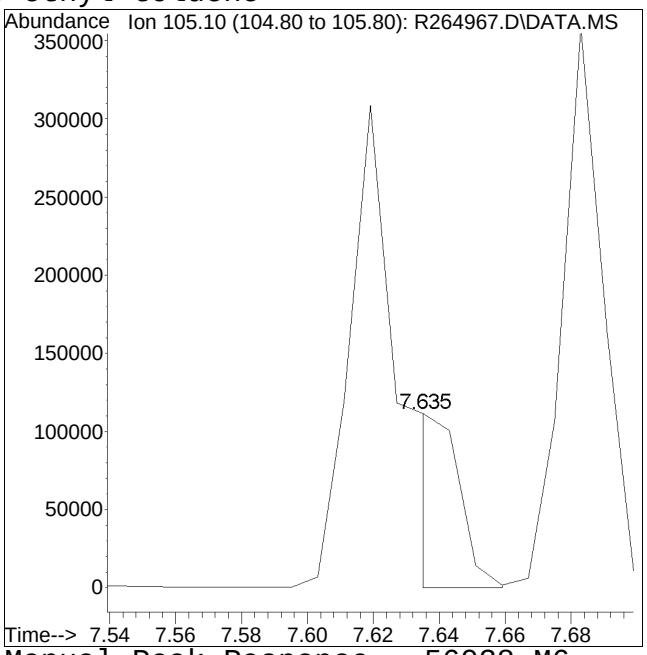
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264967.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 5:02 am Instrument : Airlab26
Sample : L2543344-03D,3,25,250 Quant Date : 7/16/2025 6:31 am

Compound #96: 4-ethyl toluene



Original Peak Response = 372638



Manual Peak Response = 56038 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264971.D
Acq On : 16 Jul 2025 08:17 am
Operator : AIRLAB26:RAY
Sample : L2543344-02D,3,25,250
Misc : WG2090986,ICAL22465
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 16 08:47:02 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : ACE,2BUT,HEXANE - .

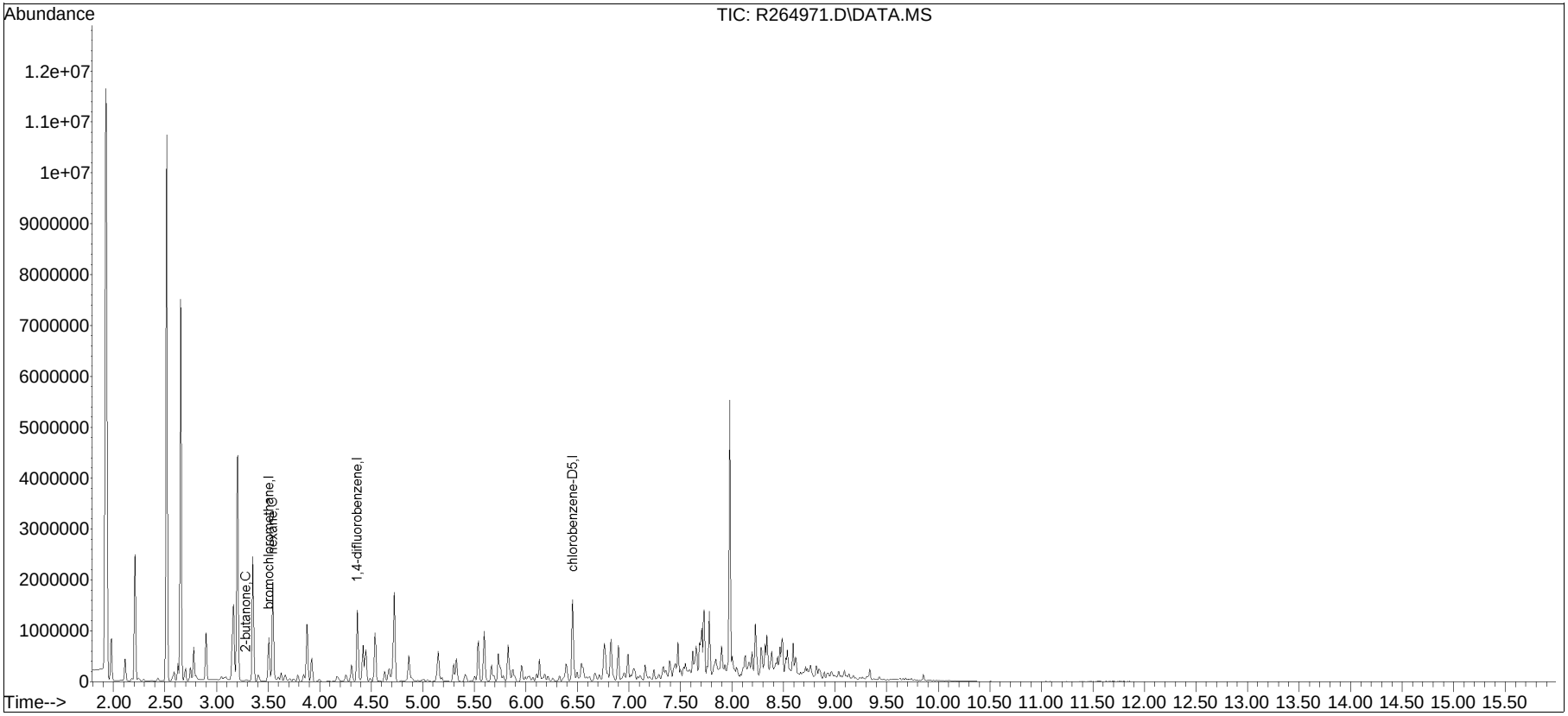
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	187621	10.000	ppbV	0.00
Standard Area = 189637			Recovery = 98.94%			
43) 1,4-difluorobenzene	4.365	114	669702	10.000	ppbV	0.00
Standard Area = 667401			Recovery = 100.34%			
67) chlorobenzene-D5	6.455	54	101992	10.000	ppbV	0.00
Standard Area = 107009			Recovery = 95.31%			
System Monitoring Compounds						
Target Compounds						Qvalue
19) acetone	0.000		0	N.D.	d	
36) 2-butanone	3.288	43	9263M3	0.346	ppbV	
44) hexane	3.546	57	467801	19.572	ppbV	# 18

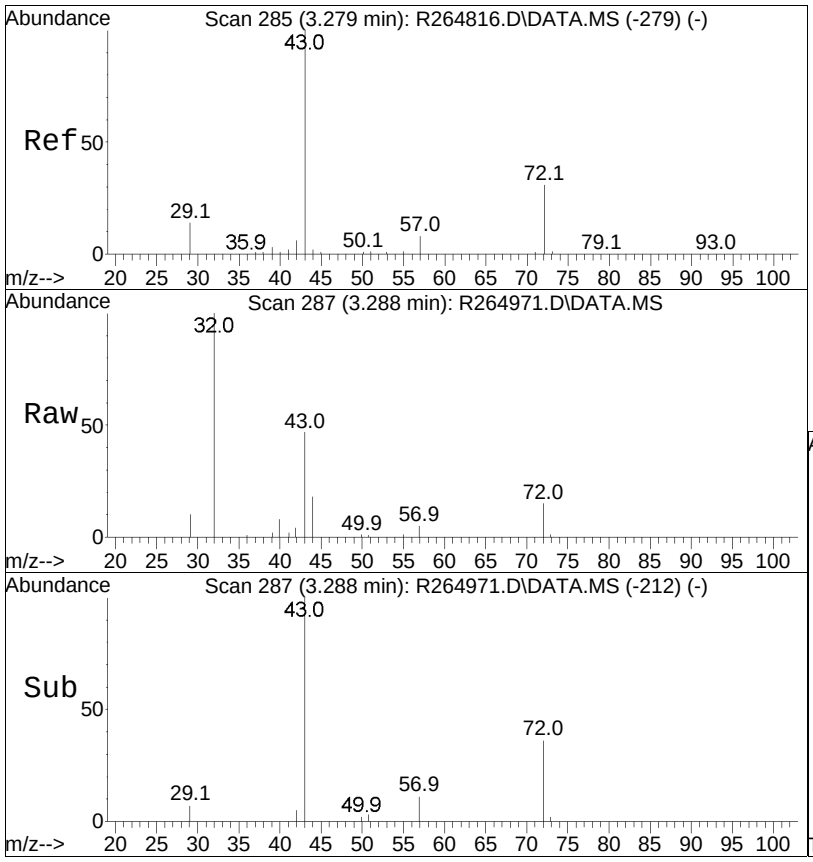
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : ACE,2BUT,HEXANE - .ab26\2025\07\0715T\R264943.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264971.D
Acq On : 16 Jul 2025 08:17 am
Operator : AIRLAB26:RAY
Sample : L2543344-02D,3,25,250
Misc : WG2090986,ICAL22465
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 16 08:47:02 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

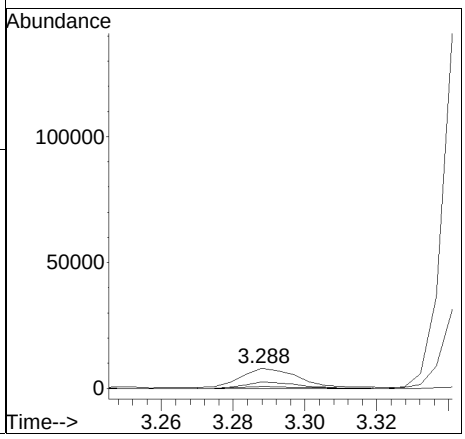


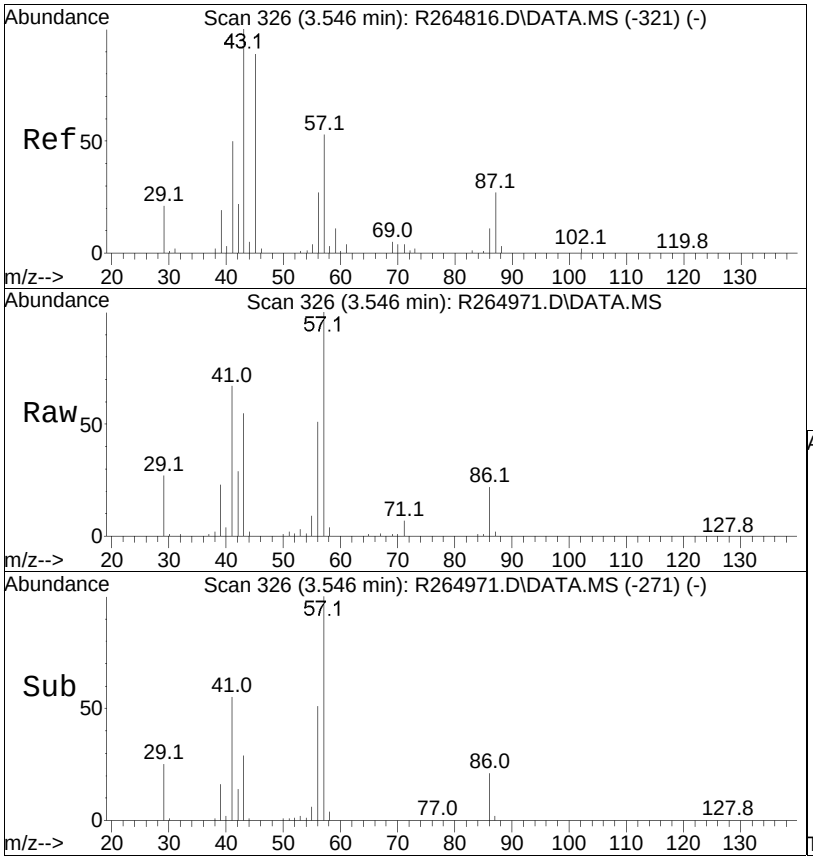


#36
2-butanone
Concen: 0.35 ppbV m
RT: 3.288 min Scan# 287
Delta R.T. 0.009 min
Lab File: R264971.D
Acq: 16 Jul 2025 08:17 am

Tgt Ion: 43 Resp: 9263

Ion	Ratio	Lower	Upper
43	100		
72	32.4	24.4	36.6
57	9.7	6.7	10.1

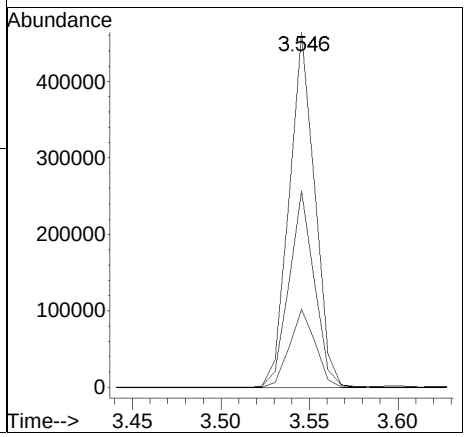




#44
hexane
Concen: 19.57 ppbV
RT: 3.546 min Scan# 326
Delta R.T. -0.000 min
Lab File: R264971.D
Acq: 16 Jul 2025 08:17 am

Tgt Ion: 57 Resp: 467801

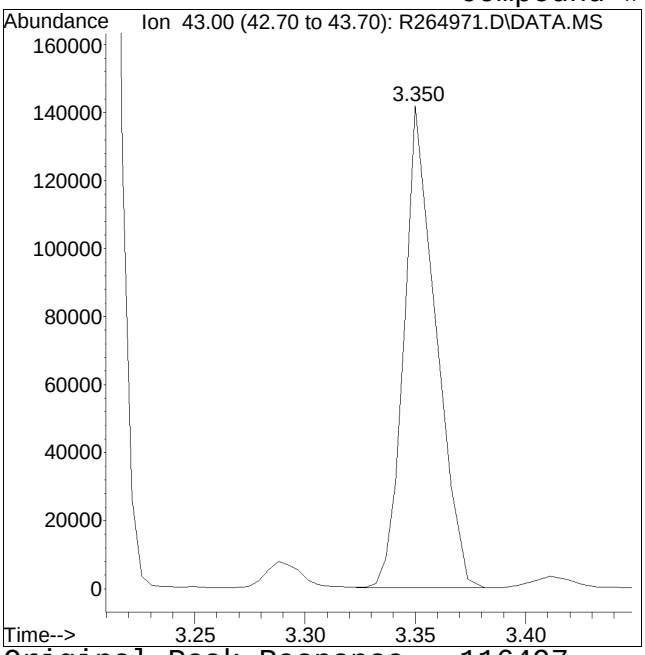
Ion	Ratio	Lower	Upper
57	100		
43	55.3	150.0	225.0#
86	22.0	16.3	24.5

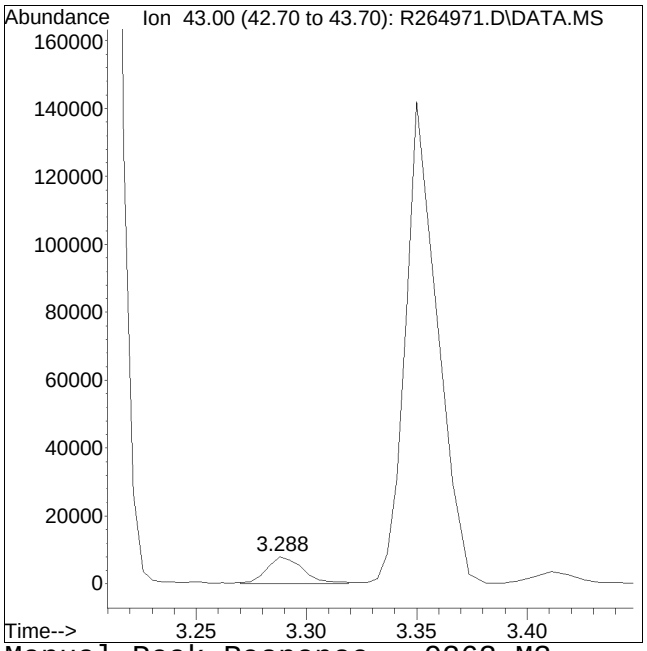


Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264971.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 8:17 am Instrument : Airlab26
Sample : L2543344-02D,3,25,250 Quant Date : 7/16/2025 8:47 am

Compound #36: 2-butanone





Original Peak Response = 116497 Manual Peak Response = 9263 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2543344**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB26**	**Ical Ref**	**: ICAL22456**
Calibration dates	**: 07/09/25 16:37 07/09/25 22:05**		

Calibration Files

0.2 =R264812.D 0.5 =R264813.D 1.0 =R264814.D 5.0 =R264815.D 10 =R264816.D 20 =R264817.D

50 =R264818.D 100 =R264819.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoromethane	0.473	0.536	0.441	0.383	0.333	0.306	0.310	0.362	0.393	21.11
3)		propylene		0.594	0.544	0.492	0.465	0.490	0.461	0.453	0.500	10.24
4)		propane		0.357	0.328	0.314	0.302	0.310	0.292	0.289	0.313	7.46
5)		dichlorodifluoromethane	2.078	2.039	1.982	1.965	1.899	1.927	1.811	1.733	1.929	5.93
6)	C	chloromethane	0.666	0.672	0.593	0.586	0.576	0.581	0.561	0.550	0.598	7.65
7)		Freon-114	2.217	2.123	2.058	2.026	1.985	2.009	1.898	1.744	2.008	7.09
8)	C	methanol			0.239	0.222	0.152	0.215	0.208	0.199	0.206	14.39
9)	C	vinyl chloride	0.800	0.677	0.738	0.716	0.699	0.713	0.689	0.663	0.712	5.99
10)	C	1,3-butadiene	0.567	0.537	0.496	0.471	0.452	0.487	0.467	0.458	0.492	8.24
11)		butane	1.052	0.957	0.935	0.909	0.903	0.902	0.866	0.850	0.922	6.80
12)	C	acetaldehyde		0.398	0.388	0.357	0.347	0.344	0.325	0.310	0.353	8.99
13)	C	bromomethane	0.828	0.753	0.742	0.688	0.683	0.704	0.676	0.648	0.715	7.98
14)	C	chloroethane	0.434	0.432	0.429	0.403	0.391	0.406	0.389	0.378	0.408	5.33
15)		ethanol			0.414	0.437	0.415	0.428	0.412	0.386	0.416	4.20
16)		dichlorofluoromethane	2.055	2.029	1.932	1.857	1.793	1.852	1.742	1.654	1.864	7.37
17)	C	vinyl bromide	0.760	0.723	0.738	0.806	0.693	0.723	0.688	0.652	0.723	6.56
18)	C	acrolein		0.367	0.361	0.343	0.347	0.349	0.336	0.326	0.347	4.06
19)		acetone	1.105	1.051	1.037	0.950	0.927	0.975	0.884	0.733	0.958	12.09
20)	C	acetonitrile	0.987	0.628	0.599	0.653	0.560	0.570	0.554	0.545	0.637	23.00
21)		trichlorofluoromethane	2.178	2.054	2.088	2.047	2.016	2.049	1.916	1.741	2.011	6.53
22)		isopropyl alcohol	1.297	1.236	1.090	1.101	1.048	1.133	1.066	0.983	1.119	9.13
23)	C	acrylonitrile	0.673	0.652	0.697	0.677	0.630	0.689	0.651	0.644	0.664	3.55
24)		pentane	1.630	1.572	1.562	1.437	1.462	1.474	1.407	1.318	1.483	6.81
25)		ethyl ether	0.768	0.818	0.824	0.772	0.663	0.657	0.718	0.673	0.736	9.25
26)	C	1,1-dichloroethene	1.312	1.321	1.285	1.495	1.461	1.478	1.404	1.298	1.382	6.34
27)		tertiary butyl alcohol		1.943	1.717	1.881	1.833	1.858	1.750	1.638	1.803	5.86
28)	C	methylene chloride		0.895	0.866	0.841	0.830	0.851	0.805	0.770	0.837	4.88
29)	C	3-chloropropene	1.020	0.945	0.918	0.851	0.840	0.880	0.850	0.816	0.890	7.57
30)	C	carbon disulfide	2.174	2.127	2.124	1.984	1.967	2.062	1.925	1.856	2.027	5.51
31)		Freon 113	1.648	1.626	1.587	1.568	1.538	1.556	1.433	1.279	1.529	7.86
32)		trans-1,2-dichloroethene	1.205	1.106	1.155	1.077	1.080	1.137	1.086	1.025	1.109	4.99
33)	C	1,1-dichloroethane	1.623	1.521	1.510	1.490	1.460	1.487	1.412	1.324	1.478	5.86
34)	C	MTBE	2.270	2.248	2.247	2.141	2.141	2.234	2.098	1.947	2.166	5.02
35)	C	vinyl acetate			1.943	1.805	1.761	1.907	1.835	1.722	1.829	4.62
36)	C	2-butanone		1.364	1.527	1.273	1.472	1.569	1.315	1.475	1.428	7.80

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2543344**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB26**	**Ical Ref**	**: ICAL22456**
Calibration dates	**: 07/09/25 16:37 07/09/25 22:05**		

Calibration Files

0.2 =R264812.D 0.5 =R264813.D 1.0 =R264814.D 5.0 =R264815.D 10 =R264816.D 20 =R264817.D

50 =R264818.D 100 =R264819.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
37)		cis-1,2-dichloroethene	1.193	1.108	1.139	1.103	1.100	1.139	1.093	1.058	1.116	3.59
38)		Ethyl Acetate		0.328	0.319	0.215	0.281	0.280	0.280	0.444	0.307	23.03
39)	C	chloroform	1.807	1.810	1.777	1.760	1.754	1.777	1.682	1.587	1.744	4.30
40)		Tetrahydrofuran		0.631	0.590	0.786	0.806	0.845	0.655	0.640	0.708	14.34
41)		2,2-dichloropropane	1.544	1.559	1.575	1.554	1.566	1.566	1.519	1.454	1.542	2.57
42)	C	1,2-dichloroethane	1.179	1.152	1.189	1.172	1.145	1.189	1.150	1.106	1.160	2.42
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.415	0.377	0.372	0.343	0.332	0.352	0.337	0.328	0.357	8.26
45)		diisopropyl ether	0.304	0.271	0.279	0.285	0.281	0.284	0.272	0.266	0.280	4.17
46)		tert-butyl ethyl ether	0.965	0.916	0.962	0.814	0.799	0.833	0.747	0.772	0.851	10.04
47)	s	1,2-dichloroethane-D4	0.285	0.273	0.281	0.275	0.277	0.274	0.314	0.315	0.287	6.15
48)	C	1,1,1-trichloroethane	0.573	0.575	0.561	0.560	0.554	0.571	0.554	0.532	0.560	2.48
49)		1,1-dichloropropene	0.398	0.415	0.407	0.491	0.484	0.484	0.471	0.454	0.450	8.49
50)	C	benzene	0.824	0.830	0.808	0.809	0.806	0.817	0.776	0.728	0.800	4.14
51)		thiophene	0.702	0.669	0.673	0.873	0.861	0.680	0.652	0.628	0.717	13.24
52)	C	carbon tetrachloride	0.579	0.586	0.563	0.579	0.561	0.583	0.560	0.540	0.569	2.72
53)		cyclohexane	0.407	0.400	0.374	0.347	0.349	0.364	0.349	0.346	0.367	6.73
54)		tert-amyl methyl ether	0.792	0.767	0.787	0.795	0.791	0.801	0.762	0.730	0.778	3.08
55)		dibromomethane	0.357	0.339	0.330	0.331	0.329	0.334	0.324	0.312	0.332	3.84
56)	C	1,2-dichloropropane	0.284	0.268	0.291	0.284	0.282	0.287	0.275	0.271	0.280	2.80
57)		bromodichloromethane	0.576	0.560	0.559	0.552	0.547	0.585	0.559	0.542	0.560	2.58
58)	C	1,4-dioxane	0.142	0.162	0.148	0.161	0.146	0.178	0.173	0.168	0.160	8.23
59)	C	trichloroethene	0.384	0.381	0.391	0.392	0.388	0.388	0.372	0.363	0.382	2.64
60)	C	2,2,4-trimethylpentane	1.194	1.167	1.144	1.102	1.096	1.143	1.079	1.003	1.116	5.36
61)		methyl methacrylate		0.282	0.317	0.326	0.310	0.322	0.317	0.311	0.312	4.67
62)		heptane	0.505	0.408	0.365	0.360	0.351	0.379	0.363	0.353	0.386	13.41
63)	C	cis-1,3-dichloropropene	0.425	0.413	0.443	0.446	0.450	0.469	0.456	0.438	0.442	3.98
64)	C	4-methyl-2-pentanone		0.530	0.490	0.483	0.484	0.513	0.494	0.486	0.497	3.56
65)		trans-1,3-dichloropropene	0.366	0.340	0.362	0.364	0.371	0.385	0.380	0.372	0.368	3.71
66)	C	1,1,2-trichloroethane	0.368	0.360	0.357	0.360	0.349	0.352	0.340	0.328	0.352	3.59
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	6.389	6.228	6.157	6.312	6.093	6.122	5.682	5.120	6.013	6.95
69)	s	toluene-D8	5.380	5.227	5.295	5.419	5.295	5.199	5.103	5.094	5.252	2.26
70)		2-methylthiophene	5.634	5.536	5.545	7.479	7.409	5.579	5.164	4.684	5.879	17.27
71)		1,3-dichloropropane	2.910	2.984	2.958	2.977	2.972	2.964	2.756	2.600	2.890	4.82
72)		2-hexanone	2.867	2.699	2.762	2.797	2.801	2.968	2.855	2.755	2.813	2.94

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2543344**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB26**	**Ical Ref**	**: ICAL22456**
Calibration dates	**: 07/09/25 16:37 07/09/25 22:05**		

Calibration Files
0.2 =R264812.D 0.5 =R264813.D 1.0 =R264814.D 5.0 =R264815.D 10 =R264816.D 20 =R264817.D
50 =R264818.D 100 =R264819.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
73)		3-methylthiophene	5.794	5.826	5.716	7.726	7.586	5.853	5.409	4.877	6.099	16.63
74)		dibromochloromethane	3.293	3.203	3.350	3.403	3.384	3.596	3.415	3.228	3.359	3.69
75)	C	1,2-dibromoethane	3.212	3.167	3.189	3.350	3.268	3.332	3.162	2.937	3.202	4.04
76)		butyl acetate		0.805	0.763	0.808	0.807	0.812	0.782	0.762	0.791	2.76
77)		octane	2.007	1.910	1.926	2.044	2.002	2.041	1.910	1.805	1.956	4.22
78)	C	tetrachloroethene	2.983	2.933	2.949	2.923	2.879	2.858	2.735	2.445	2.838	6.20
79)		1,1,1,2-tetrachloroethane	2.687	2.495	2.499	2.667	2.593	2.649	2.477	2.283	2.544	5.28
80)	C	chlorobenzene	4.922	4.850	4.927	4.981	4.826	4.927	4.567	4.101	4.763	6.22
81)	C	ethylbenzene	8.424	7.840	7.972	8.142	8.041	8.038	7.378	6.455	7.786	7.88
82)		2-ethylthiophene	7.009	6.753	6.958	9.343	9.128	7.004	6.325	5.597	7.265	17.98
83)	C	m+p-xylene	7.335	7.025	7.047	6.545	6.415	6.433	5.782	4.738	6.415	12.97
84)	C	bromoform	3.009	3.006	3.117	3.143	3.120	3.338	3.160	2.762	3.082	5.37
85)	C	styrene	4.498	4.513	4.576	4.941	4.741	4.965	4.586	4.219	4.630	5.33
86)	C	1,1,2,2-tetrachloroethane	4.769	4.409	4.570	4.598	4.528	4.685	4.328	3.919	4.476	5.93
87)	C	o-xylene	6.584	6.159	6.276	6.355	6.164	6.252	5.784	5.211	6.098	6.93
88)		1,2,3-trichloropropane	3.441	3.398	3.447	3.588	3.507	3.521	3.344	3.171	3.427	3.74
89)		nonane	3.750	3.355	3.276	3.548	3.556	3.591	3.383	3.204	3.458	5.29
90)	s	bromofluorobenzene	2.992	2.950	2.984	2.994	3.025	3.025	2.940	3.005	2.989	1.05
91)	C	isopropylbenzene	8.707	8.547	8.545	8.938	8.840	8.788	7.891	6.433	8.336	10.00
92)		bromobenzene	5.958	5.758	5.780	5.981	4.824	5.827	5.470	5.127	5.590	7.48
93)		2-chlorotoluene	2.063	2.247	2.253	2.338	2.321	2.278	2.173	2.067	2.218	4.81
94)		n-propylbenzene	2.465	2.472	2.422	2.588	2.517	2.495	2.343	2.118	2.428	5.92
95)		4-chlorotoluene	2.353	2.174	2.313	2.372	2.339	2.320	2.148	1.946	2.246	6.54
96)		4-ethyl toluene	8.426	7.813	8.262	8.161	8.077	8.389	7.761	6.444	7.917	8.12
97)		1,3,5-trimethylbenzene	7.253	7.183	7.294	7.309	7.104	7.239	6.730	5.929	7.005	6.75
98)		tert-butylbenzene	7.818	7.781	7.766	8.280	8.189	8.007	7.194	6.290	7.666	8.44
99)		1,2,4-trimethylbenzene	7.497	7.077	7.218	7.600	7.510	7.476	6.776	5.968	7.140	7.68
100)		decane	4.398	4.586	4.403	4.711	4.550	4.548	4.319	3.973	4.436	5.07
101)	C	Benzyl Chloride	5.864	5.574	5.940	5.830	5.997	6.820	6.492	5.632	6.019	7.10
102)		1,3-dichlorobenzene	4.865	5.244	5.037	5.225	5.173	5.208	4.765	4.292	4.976	6.60
103)	C	1,4-dichlorobenzene	4.838	5.048	5.317	5.183	5.139	5.212	4.883	4.167	4.973	7.32
104)		sec-butylbenzene	1.073	1.089	1.095	1.132	1.123	1.095	0.995	0.723	1.041	12.97
105)		1,2,3-trimethylbenzene	7.499	7.698	7.939	8.228	8.059	8.207	7.543	6.718	7.736	6.45
106)		p-isopropyltoluene	0.989	0.972	1.005	1.053	1.033	1.028	0.925	0.754	0.970	9.91
107)		1,2-dichlorobenzene	4.810	4.821	5.138	5.039	5.030	5.080	4.763	4.359	4.880	5.18
108)		n-butylbenzene	8.997	8.718	9.015	9.577	9.435	9.373	8.318	6.613	8.756	10.95

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2543344**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB26**	**Ical Ref**	**: ICAL22456**
Calibration dates	**: 07/09/25 16:37 07/09/25 22:05**		

Calibration Files
0.2 =R264812.D 0.5 =R264813.D 1.0 =R264814.D 5.0 =R264815.D 10 =R264816.D 20 =R264817.D
50 =R264818.D 100 =R264819.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
109)		indan	6.676	6.669	6.657	6.783	6.709	6.988	6.346	5.797	6.578	5.49
110)		indene	5.364	5.399	5.647	5.745	5.653	5.918	5.539	5.027	5.537	4.94
111)	C	1,2-dibromo-3-chloropr...	2.336	2.371	2.328	2.667	2.677	2.717	2.647	2.670	2.552	6.76
112)		undecane	5.566	5.230	5.237	5.820	5.861	5.814	5.364	4.934	5.478	6.22
113)		1,2,4,5-tetramethylben...	4.087	3.442	3.521	4.725	4.710	3.817	3.759	3.678	3.967	12.65
114)		dodecane	5.329	5.090	5.445	7.475	7.554	6.648	6.299	5.563	6.175	15.76
115)	C	1,2,4-trichlorobenzene	4.044	4.176	4.700	4.799	4.836	4.721	4.708	4.423	4.551	6.61
116)		naphthalene	1.016	1.095	1.361	1.250	1.259	1.182	1.079	0.737	1.123	17.10
117)		1,2,3-trichlorobenzene	3.790	3.796	4.378	5.959	5.421	4.938	4.872	4.534	4.711	15.98
118)		benzothiophene	4.128	4.580	5.427	5.462	5.558	4.641	4.754	4.578	4.891	10.70
119)	C	hexachlorobutadiene	3.133	3.520	3.625	3.831	3.780	3.659	3.546	3.046	3.518	8.11
120)		2-methylnaphthalene			1.190	0.934	1.031	0.729	0.894	1.072	0.975	16.37
121)		1-methylnaphthalene			1.522	1.378	1.478	1.175	1.279	1.463	1.383	9.63

Response Factor Report Airlab26

Method Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Method File : TFS26_250709.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Jul 10 11:46:53 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R264812.D 0.5 =R264813.D 1.0 =R264814.D 5.0 =R264815.D 10 =R264816.D 20 =R264817.D
50 =R264818.D 100 =R264819.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoro...	0.473	0.536	0.441	0.383	0.333	0.306	0.310	0.362	0.393	21.11
3)		propylene		0.594	0.544	0.492	0.465	0.490	0.461	0.453	0.500	10.24
4)		propane		0.357	0.328	0.314	0.302	0.310	0.292	0.289	0.313	7.46
5)		dichlorodifluo...	2.078	2.039	1.982	1.965	1.899	1.927	1.811	1.733	1.929	5.93
6)	C	chloromethane	0.666	0.672	0.593	0.586	0.576	0.581	0.561	0.550	0.598	7.65
7)		Freon-114	2.217	2.123	2.058	2.026	1.985	2.009	1.898	1.744	2.008	7.09
8)	C	methanol			0.239	0.222	0.152	0.215	0.208	0.199	0.206	14.39
9)	C	vinyl chloride	0.800	0.677	0.738	0.716	0.699	0.713	0.689	0.663	0.712	5.99
10)	C	1,3-butadiene	0.567	0.537	0.496	0.471	0.452	0.487	0.467	0.458	0.492	8.24
11)		butane	1.052	0.957	0.935	0.909	0.903	0.902	0.866	0.850	0.922	6.80
12)	C	acetaldehyde		0.398	0.388	0.357	0.347	0.344	0.325	0.310	0.353	8.99
13)	C	bromomethane	0.828	0.753	0.742	0.688	0.683	0.704	0.676	0.648	0.715	7.98
14)	C	chloroethane	0.434	0.432	0.429	0.403	0.391	0.406	0.389	0.378	0.408	5.33
15)		ethanol			0.414	0.437	0.415	0.428	0.412	0.386	0.416	4.20
16)		dichlorofluoro...	2.055	2.029	1.932	1.857	1.793	1.852	1.742	1.654	1.864	7.37
17)	C	vinyl bromide	0.760	0.723	0.738	0.806	0.693	0.723	0.688	0.652	0.723	6.56
18)	C	acrolein		0.367	0.361	0.343	0.347	0.349	0.336	0.326	0.347	4.06
19)		acetone	1.105	1.051	1.037	0.950	0.927	0.975	0.884	0.733	0.958	12.09
20)	C	acetonitrile	0.987	0.628	0.599	0.653	0.560	0.570	0.554	0.545	0.637	23.00
21)		trichlorofluor...	2.178	2.054	2.088	2.047	2.016	2.049	1.916	1.741	2.011	6.53
22)		isopropyl alcohol	1.297	1.236	1.090	1.101	1.048	1.133	1.066	0.983	1.119	9.13
23)	C	acrylonitrile	0.673	0.652	0.697	0.677	0.630	0.689	0.651	0.644	0.664	3.55
24)		pentane	1.630	1.572	1.562	1.437	1.462	1.474	1.407	1.318	1.483	6.81
25)		ethyl ether	0.768	0.818	0.824	0.772	0.663	0.657	0.718	0.673	0.736	9.25
26)	C	1,1-dichloroet...	1.312	1.321	1.285	1.495	1.461	1.478	1.404	1.298	1.382	6.34
27)		tertiary butyl...		1.943	1.717	1.881	1.833	1.858	1.750	1.638	1.803	5.86
28)	C	methylene chlo...		0.895	0.866	0.841	0.830	0.851	0.805	0.770	0.837	4.88
29)	C	3-chloropropene	1.020	0.945	0.918	0.851	0.840	0.880	0.850	0.816	0.890	7.57
30)	C	carbon disulfide	2.174	2.127	2.124	1.984	1.967	2.062	1.925	1.856	2.027	5.51
31)		Freon 113	1.648	1.626	1.587	1.568	1.538	1.556	1.433	1.279	1.529	7.86

Method Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Method File : TFS26_250709.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Jul 10 11:46:53 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R264812.D 0.5 =R264813.D 1.0 =R264814.D 5.0 =R264815.D 10 =R264816.D 20 =R264817.D
50 =R264818.D 100 =R264819.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
32)		trans-1,2-dich...	1.205	1.106	1.155	1.077	1.080	1.137	1.086	1.025	1.109	4.99
33)	C	1,1-dichloroet...	1.623	1.521	1.510	1.490	1.460	1.487	1.412	1.324	1.478	5.86
34)	C	MTBE	2.270	2.248	2.247	2.141	2.141	2.234	2.098	1.947	2.166	5.02
35)	C	vinyl acetate			1.943	1.805	1.761	1.907	1.835	1.722	1.829	4.62
36)	C	2-butanone			1.364	1.527	1.273	1.472	1.569	1.315	1.475	1.428	7.80
37)		cis-1,2-dichlo...	1.193	1.108	1.139	1.103	1.100	1.139	1.093	1.058	1.116	3.59
38)		Ethyl Acetate			0.328	0.319	0.215	0.281	0.280	0.280	0.444	0.307	23.03
39)	C	chloroform	1.807	1.810	1.777	1.760	1.754	1.777	1.682	1.587	1.744	4.30
40)		Tetrahydrofuran			0.631	0.590	0.786	0.806	0.845	0.655	0.640	0.708	14.34
41)		2,2-dichloropr...	1.544	1.559	1.575	1.554	1.566	1.566	1.519	1.454	1.542	2.57
42)	C	1,2-dichloroet...	1.179	1.152	1.189	1.172	1.145	1.189	1.150	1.106	1.160	2.42
43)	I	1,4-difluorobenzene	ISTD									
44)	C	hexane	0.415	0.377	0.372	0.343	0.332	0.352	0.337	0.328	0.357	8.26
45)		diisopropyl ether	0.304	0.271	0.279	0.285	0.281	0.284	0.272	0.266	0.280	4.17
46)		tert-butyl eth...	0.965	0.916	0.962	0.814	0.799	0.833	0.747	0.772	0.851	10.04
47)	s	1,2-dichloroet...	0.285	0.273	0.281	0.275	0.277	0.274	0.314	0.315	0.287	6.15
48)	C	1,1,1-trichlor...	0.573	0.575	0.561	0.560	0.554	0.571	0.554	0.532	0.560	2.48
49)		1,1-dichloropr...	0.398	0.415	0.407	0.491	0.484	0.484	0.471	0.454	0.450	8.49
50)	C	benzene	0.824	0.830	0.808	0.809	0.806	0.817	0.776	0.728	0.800	4.14
51)		thiophene	0.702	0.669	0.673	0.873	0.861	0.680	0.652	0.628	0.717	13.24
52)	C	carbon tetrach...	0.579	0.586	0.563	0.579	0.561	0.583	0.560	0.540	0.569	2.72
53)		cyclohexane	0.407	0.400	0.374	0.347	0.349	0.364	0.349	0.346	0.367	6.73
54)		tert-amyl meth...	0.792	0.767	0.787	0.795	0.791	0.801	0.762	0.730	0.778	3.08
55)		dibromomethane	0.357	0.339	0.330	0.331	0.329	0.334	0.324	0.312	0.332	3.84
56)	C	1,2-dichloropr...	0.284	0.268	0.291	0.284	0.282	0.287	0.275	0.271	0.280	2.80
57)		bromodichlorom...	0.576	0.560	0.559	0.552	0.547	0.585	0.559	0.542	0.560	2.58
58)	C	1,4-dioxane	0.142	0.162	0.148	0.161	0.146	0.178	0.173	0.168	0.160	8.23
59)	C	trichloroethene	0.384	0.381	0.391	0.392	0.388	0.388	0.372	0.363	0.382	2.64
60)	C	2,2,4-trimethy...	1.194	1.167	1.144	1.102	1.096	1.143	1.079	1.003	1.116	5.36
61)		methyl methacr...			0.282	0.317	0.326	0.310	0.322	0.317	0.311	0.312	4.67
62)		heptane	0.505	0.408	0.365	0.360	0.351	0.379	0.363	0.353	0.386	13.41

Method Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Method File : TFS26_250709.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Jul 10 11:46:53 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R264812.D 0.5 =R264813.D 1.0 =R264814.D 5.0 =R264815.D 10 =R264816.D 20 =R264817.D
50 =R264818.D 100 =R264819.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
63)	C	cis-1,3-dichlo...	0.425	0.413	0.443	0.446	0.450	0.469	0.456	0.438	0.442	3.98
64)	C	4-methyl-2-pen...		0.530	0.490	0.483	0.484	0.513	0.494	0.486	0.497	3.56
65)		trans-1,3-dich...	0.366	0.340	0.362	0.364	0.371	0.385	0.380	0.372	0.368	3.71
66)	C	1,1,2-trichlor...	0.368	0.360	0.357	0.360	0.349	0.352	0.340	0.328	0.352	3.59
67)	I	chlorobenzene-D5				----------ISTD----------						
68)	C	toluene	6.389	6.228	6.157	6.312	6.093	6.122	5.682	5.120	6.013	6.95
69)	s	toluene-D8	5.380	5.227	5.295	5.419	5.295	5.199	5.103	5.094	5.252	2.26
70)		2-methylthiophene	5.634	5.536	5.545	7.479	7.409	5.579	5.164	4.684	5.879	17.27
71)		1,3-dichloropr...	2.910	2.984	2.958	2.977	2.972	2.964	2.756	2.600	2.890	4.82
72)		2-hexanone	2.867	2.699	2.762	2.797	2.801	2.968	2.855	2.755	2.813	2.94
73)		3-methylthiophene	5.794	5.826	5.716	7.726	7.586	5.853	5.409	4.877	6.099	16.63
74)		dibromochlorom...	3.293	3.203	3.350	3.403	3.384	3.596	3.415	3.228	3.359	3.69
75)	C	1,2-dibromoethane	3.212	3.167	3.189	3.350	3.268	3.332	3.162	2.937	3.202	4.04
76)		butyl acetate		0.805	0.763	0.808	0.807	0.812	0.782	0.762	0.791	2.76
77)		octane	2.007	1.910	1.926	2.044	2.002	2.041	1.910	1.805	1.956	4.22
78)	C	tetrachloroethene	2.983	2.933	2.949	2.923	2.879	2.858	2.735	2.445	2.838	6.20
79)		1,1,1,2-tetrac...	2.687	2.495	2.499	2.667	2.593	2.649	2.477	2.283	2.544	5.28
80)	C	chlorobenzene	4.922	4.850	4.927	4.981	4.826	4.927	4.567	4.101	4.763	6.22
81)	C	ethylbenzene	8.424	7.840	7.972	8.142	8.041	8.038	7.378	6.455	7.786	7.88
82)		2-ethylthiophene	7.009	6.753	6.958	9.343	9.128	7.004	6.325	5.597	7.265	17.98
83)	C	m+p-xylene	7.335	7.025	7.047	6.545	6.415	6.433	5.782	4.738	6.415	12.97
84)	C	bromoform	3.009	3.006	3.117	3.143	3.120	3.338	3.160	2.762	3.082	5.37
85)	C	styrene	4.498	4.513	4.576	4.941	4.741	4.965	4.586	4.219	4.630	5.33
86)	C	1,1,2,2-tetrac...	4.769	4.409	4.570	4.598	4.528	4.685	4.328	3.919	4.476	5.93
87)	C	o-xylene	6.584	6.159	6.276	6.355	6.164	6.252	5.784	5.211	6.098	6.93
88)		1,2,3-trichlor...	3.441	3.398	3.447	3.588	3.507	3.521	3.344	3.171	3.427	3.74
89)		nonane	3.750	3.355	3.276	3.548	3.556	3.591	3.383	3.204	3.458	5.29
90)	s	bromofluoroben...	2.992	2.950	2.984	2.994	3.025	3.025	2.940	3.005	2.989	1.05
91)	C	isopropylbenzene	8.707	8.547	8.545	8.938	8.840	8.788	7.891	6.433	8.336	10.00
92)		bromobenzene	5.958	5.758	5.780	5.981	4.824	5.827	5.470	5.127	5.590	7.48
93)		2-chlorotoluene	2.063	2.247	2.253	2.338	2.321	2.278	2.173	2.067	2.218	4.81

Method Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Method File : TFS26_250709.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Jul 10 11:46:53 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R264812.D 0.5 =R264813.D 1.0 =R264814.D 5.0 =R264815.D 10 =R264816.D 20 =R264817.D
50 =R264818.D 100 =R264819.D

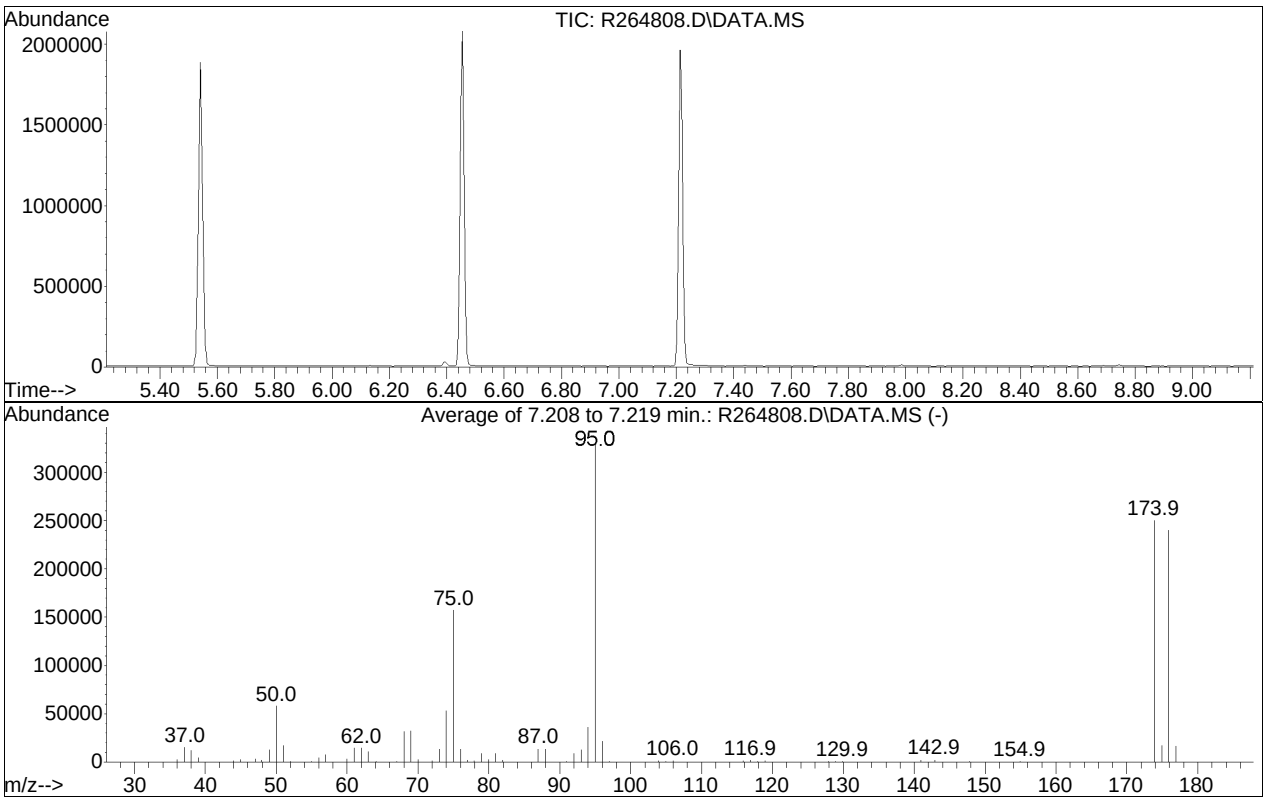
		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
94)		n-propylbenzene	2.465	2.472	2.422	2.588	2.517	2.495	2.343	2.118	2.428	5.92
95)		4-chlorotoluene	2.353	2.174	2.313	2.372	2.339	2.320	2.148	1.946	2.246	6.54
96)		4-ethyl toluene	8.426	7.813	8.262	8.161	8.077	8.389	7.761	6.444	7.917	8.12
97)		1,3,5-trimethy...	7.253	7.183	7.294	7.309	7.104	7.239	6.730	5.929	7.005	6.75
98)		tert-butylbenzene	7.818	7.781	7.766	8.280	8.189	8.007	7.194	6.290	7.666	8.44
99)		1,2,4-trimethy...	7.497	7.077	7.218	7.600	7.510	7.476	6.776	5.968	7.140	7.68
100)		decane	4.398	4.586	4.403	4.711	4.550	4.548	4.319	3.973	4.436	5.07
101)	C	Benzyl Chloride	5.864	5.574	5.940	5.830	5.997	6.820	6.492	5.632	6.019	7.10
102)		1,3-dichlorobe...	4.865	5.244	5.037	5.225	5.173	5.208	4.765	4.292	4.976	6.60
103)	C	1,4-dichlorobe...	4.838	5.048	5.317	5.183	5.139	5.212	4.883	4.167	4.973	7.32
104)		sec-butylbenzene	1.073	1.089	1.095	1.132	1.123	1.095	0.995	0.723	1.041	12.97
105)		1,2,3-trimethy...	7.499	7.698	7.939	8.228	8.059	8.207	7.543	6.718	7.736	6.45
106)		p-isopropyltol...	0.989	0.972	1.005	1.053	1.033	1.028	0.925	0.754	0.970	9.91
107)		1,2-dichlorobe...	4.810	4.821	5.138	5.039	5.030	5.080	4.763	4.359	4.880	5.18
108)		n-butylbenzene	8.997	8.718	9.015	9.577	9.435	9.373	8.318	6.613	8.756	10.95
109)		indan	6.676	6.669	6.657	6.783	6.709	6.988	6.346	5.797	6.578	5.49
110)		indene	5.364	5.399	5.647	5.745	5.653	5.918	5.539	5.027	5.537	4.94
111)	C	1,2-dibromo-3-...	2.336	2.371	2.328	2.667	2.677	2.717	2.647	2.670	2.552	6.76
112)		undecane	5.566	5.230	5.237	5.820	5.861	5.814	5.364	4.934	5.478	6.22
113)		1,2,4,5-tetram...	4.087	3.442	3.521	4.725	4.710	3.817	3.759	3.678	3.967	12.65
114)		dodecane	5.329	5.090	5.445	7.475	7.554	6.648	6.299	5.563	6.175	15.76
115)	C	1,2,4-trichlor...	4.044	4.176	4.700	4.799	4.836	4.721	4.708	4.423	4.551	6.61
116)		naphthalene	1.016	1.095	1.361	1.250	1.259	1.182	1.079	0.737	1.123	17.10
117)		1,2,3-trichlor...	3.790	3.796	4.378	5.959	5.421	4.938	4.872	4.534	4.711	15.98
118)		benzothiophene	4.128	4.580	5.427	5.462	5.558	4.641	4.754	4.578	4.891	10.70
119)	C	hexachlorobuta...	3.133	3.520	3.625	3.831	3.780	3.659	3.546	3.046	3.518	8.11
120)		2-methylnaphth...			1.190	0.934	1.031	0.729	0.894	1.072	0.975	16.37
121)		1-methylnaphth...			1.522	1.378	1.478	1.175	1.279	1.463	1.383	9.63

(#) = Out of Range

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264808.D
Acq On : 09 Jul 2025 02:24 pm
Operator : AIRLAB26:RAY
Sample : WG2089114-1,3,250,250
Misc : WG2089114
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Jul 10 11:46:53 2025



Spectrum Information: Average of 7.208 to 7.219 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.5	58011	PASS
75	95	30	66	47.7	157613	PASS
95	95	100	100	100.0	330688	PASS
96	95	5	9	6.6	21875	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	75.6	250027	PASS
175	174	4	9	7.0	17612	PASS
176	174	93	101	96.1	240171	PASS
177	176	5	9	6.8	16225	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264812.D
Acq On : 09 Jul 2025 04:37 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.2
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 08:13:27 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	248898	10.000	ppbV	0.00
Standard Area = 243909			Recovery = 102.05%			
43) 1,4-difluorobenzene	4.365	114	802905	10.000	ppbV	0.00
Standard Area = 791451			Recovery = 101.45%			
67) chlorobenzene-D5	6.455	54	132086	10.000	ppbV	0.00
Standard Area = 131085			Recovery = 100.76%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.827	65	228475	10.267	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.67%			
69) toluene-D8	5.541	98	710598	10.160	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.60%			
90) bromofluorobenzene	7.214	95	395168	9.889	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.89%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.997	51	2355M6	0.282	ppbV	
3) propylene	2.008	41	3406	0.294	ppbV #	79
4) propane	2.019	29	2580	0.343	ppbV #	76
5) dichlorodifluoromethane	2.030	85	10346	0.219	ppbV	96
6) chloromethane	2.079	50	3316M3	0.231	ppbV	
7) Freon-114	2.112	85	11036	0.223	ppbV	95
8) methanol	2.134	31	6722	1.770	ppbV #	43
9) vinyl chloride	2.151	62	3982	0.229	ppbV	92
10) 1,3-butadiene	2.195	54	2822	0.251	ppbV	83
11) butane	2.211	43	5236	0.233	ppbV #	87
12) acetaldehyde	2.123	29	11238	1.302	ppbV #	44
13) bromomethane	2.283	94	4123	0.242	ppbV	97
14) chloroethane	2.332	64	2162	0.222	ppbV	90
15) ethanol	2.370	31	12667	1.226	ppbV	98
16) dichlorofluoromethane	2.359	67	10228	0.229	ppbV	99
17) vinyl bromide	2.437	106	3785	0.219	ppbV	94
18) acrolein	2.471	56	2483	0.287	ppbV #	60
19) acetone	2.511	43	27495	1.191	ppbV #	97
20) acetonitrile	2.437	41	4915	0.353	ppbV	88
21) trichlorofluoromethane	2.556	101	10842	0.216	ppbV	99
22) isopropyl alcohol	2.579	45	16139	0.619	ppbV	99
23) acrylonitrile	2.636	53	3351	0.214	ppbV	89
24) pentane	2.658	43	8113	0.223	ppbV #	96

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264812.D
Acq On : 09 Jul 2025 04:37 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.2
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 08:13:27 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	2.664	31	3821	0.232	ppbV	#	85
26) 1,1-dichloroethene	2.731	61	6533	0.180	ppbV		95
27) tertiary butyl alcohol	2.751	59	9748	0.214	ppbV	#	77
28) methylene chloride	2.765	49	5185	0.251	ppbV		98
29) 3-chloropropene	2.798	41	5077	0.243	ppbV	#	94
30) carbon disulfide	2.851	76	10822	0.221	ppbV	#	1
31) Freon 113	2.851	101	8205	0.214	ppbV		97
32) trans-1,2-dichloroethene	3.067	61	5996	0.223	ppbV	#	88
33) 1,1-dichloroethane	3.133	63	8079	0.222	ppbV		100
34) MTBE	3.173	73	11302	0.212	ppbV	#	88
35) vinyl acetate	3.199	43	10137	0.231	ppbV		99
36) 2-butanone	3.297	43	7024	0.192	ppbV		99
37) cis-1,2-dichloroethene	3.448	61	5937	0.217	ppbV		91
38) Ethyl Acetate	3.575	61	2150	0.305	ppbV	#	1
39) chloroform	3.568	83	8995	0.206	ppbV		96
40) Tetrahydrofuran	3.770	42	2963M3	0.138	ppbV		
41) 2,2-dichloropropane	3.575	77	7684	0.197	ppbV		89
42) 1,2-dichloroethane	3.868	62	5867	0.206	ppbV	#	92
44) hexane	3.553	57	6665	0.250	ppbV	#	70
45) diisopropyl ether	3.561	87	4880	0.216	ppbV		72
46) tert-butyl ethyl ether	3.787	59	15495	0.241	ppbV		98
48) 1,1,1-trichloroethane	3.982	97	9195	0.207	ppbV		98
49) 1,1-dichloropropene	4.130	75	6392	0.164	ppbV		92
50) benzene	4.186	78	13237	0.205	ppbV		95
51) thiophene	4.243	84	11270	0.163	ppbV		95
52) carbon tetrachloride	4.252	117	9297	0.206	ppbV		96
53) cyclohexane	4.309	56	6534	0.233	ppbV		87
54) tert-amyl methyl ether	4.497	73	12720	0.200	ppbV		96
55) dibromomethane	4.545	93	5726	0.217	ppbV		89
56) 1,2-dichloropropane	4.563	63	4555M2	0.201	ppbV		
57) bromodichloromethane	4.658	83	9252	0.211	ppbV		97
58) 1,4-dioxane	4.724	88	2287M2	0.195	ppbV		
59) trichloroethene	4.686	130	6168	0.198	ppbV		99
60) 2,2,4-trimethylpentane	4.724	57	19178	0.218	ppbV	#	90
61) methyl methacrylate	4.827	41	5472	0.220	ppbV		90
62) heptane	4.865	43	8115	0.288	ppbV		97
63) cis-1,3-dichloropropene	5.110	75	6826	0.189	ppbV	#	84
64) 4-methyl-2-pentanone	5.166	43	8566	0.220	ppbV		97
65) trans-1,3-dichloropropene	5.381	75	5870	0.197	ppbV		93
66) 1,1,2-trichloroethane	5.453	97	5907	0.211	ppbV	#	93

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264812.D
Acq On : 09 Jul 2025 04:37 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.2
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 08:13:27 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.589	91	16879	0.210	ppbV		98
70) 2-methylthiophene	5.621	97	14884	0.152	ppbV		94
71) 1,3-dichloropropane	5.605	76	7688	0.196	ppbV	#	83
72) 2-hexanone	5.773	43	7573	0.205	ppbV		95
73) 3-methylthiophene	5.709	97	15305M3	0.153	ppbV		
74) dibromochloromethane	5.781	129	8698	0.195	ppbV		95
75) 1,2-dibromoethane	5.900	107	8485	0.197	ppbV		91
76) butyl acetate	6.108	73	1843	0.176	ppbV		87
77) octane	6.132	85	5301	0.200	ppbV		90
78) tetrachloroethene	6.148	166	7881	0.207	ppbV		98
79) 1,1,1,2-tetrachloroethane	6.471	131	7099	0.207	ppbV		97
80) chlorobenzene	6.476	112	13003	0.204	ppbV		93
81) ethylbenzene	6.678	91	22253	0.210	ppbV		98
82) 2-ethylthiophene	6.695	97	18517	0.154	ppbV		95
83) m+p-xylene	6.766	91	38756	0.457	ppbV		96
84) bromoform	6.766	173	7948	0.193	ppbV		94
85) styrene	6.940	104	11883	0.190	ppbV		98
86) 1,1,2,2-tetrachloroethane	6.987	83	12598	0.211	ppbV		95
87) o-xylene	6.992	91	17393	0.214	ppbV		92
88) 1,2,3-trichloropropane	7.056	75	9090	0.196	ppbV		96
89) nonane	7.155	43	9907	0.211	ppbV		92
91) isopropylbenzene	7.301	105	23002	0.197	ppbV		98
92) bromobenzene	7.313	77	15739	0.313	ppbV		97
93) 2-chlorotoluene	7.523	126	5449	0.178	ppbV		81
94) n-propylbenzene	7.563	120	6512	0.196	ppbV		86
95) 4-chlorotoluene	7.563	126	6217	0.201	ppbV	#	49
96) 4-ethyl toluene	7.643	105	22258	0.209	ppbV		93
97) 1,3,5-trimethylbenzene	7.691	105	19161	0.204	ppbV		99
98) tert-butylbenzene	7.898	119	20652	0.191	ppbV		95
99) 1,2,4-trimethylbenzene	7.898	105	19804	0.200	ppbV	#	78
100) decane	8.010	57	11617	0.193	ppbV		100
101) Benzyl Chloride	7.962	91	15491	0.196	ppbV		98
102) 1,3-dichlorobenzene	7.962	146	12852	0.188	ppbV		97
103) 1,4-dichlorobenzene	8.002	146	12780	0.188	ppbV		98
104) sec-butylbenzene	8.050	105	28340	0.191	ppbV		98
105) 1,2,3-trimethylbenzene	8.130	105	19809	0.186	ppbV		98
106) p-isopropyltoluene	8.146	119	26132	0.191	ppbV		100
107) 1,2-dichlorobenzene	8.186	146	12706	0.191	ppbV		98
108) n-butylbenzene	8.385	91	23767	0.191	ppbV		93
109) indan	8.226	117	17635	0.199	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264812.D
Acq On : 09 Jul 2025 04:37 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.2
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 08:13:27 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

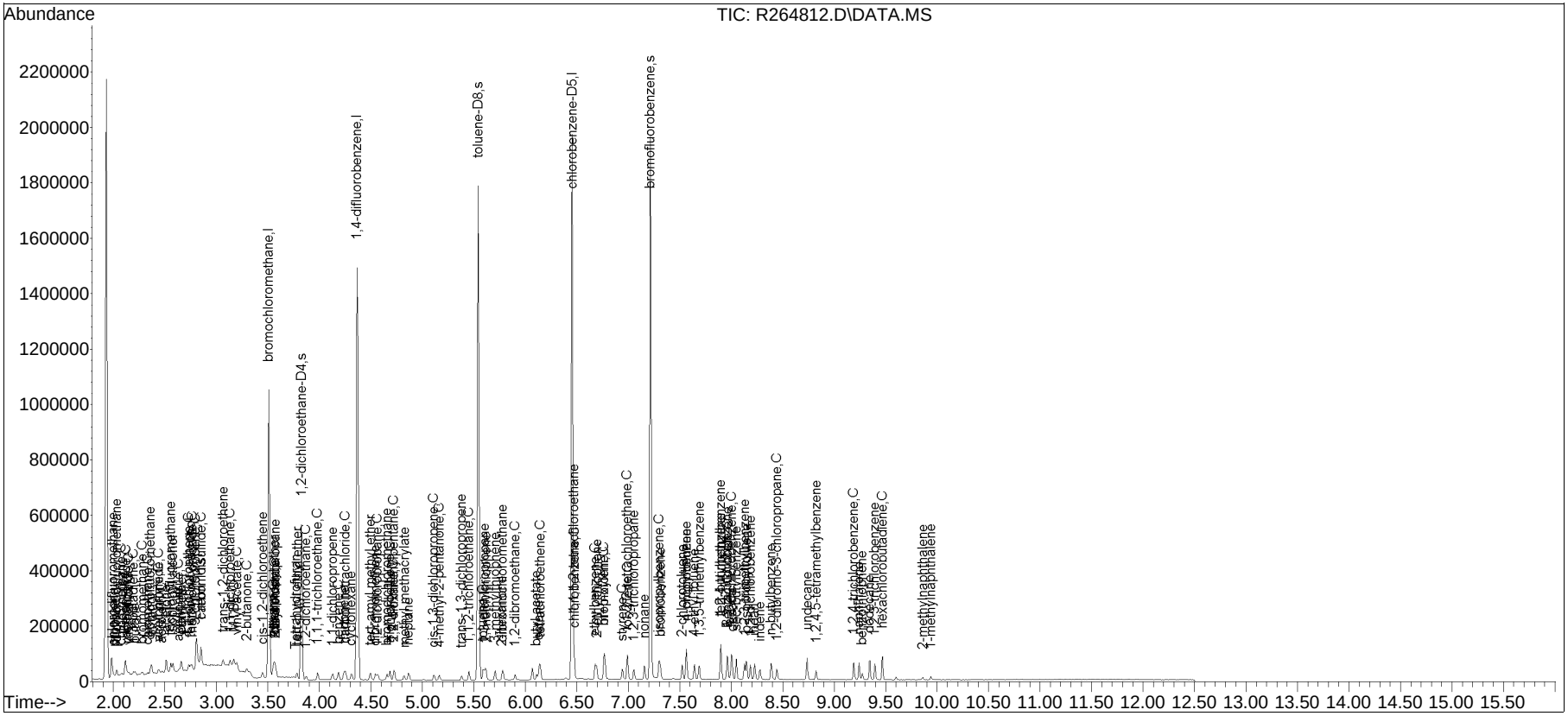
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	8.282	115	14171	0.190	ppbV		99
111) 1,2-dibromo-3-chloropr...	8.441	75	6171	0.175	ppbV	#	91
112) undecane	8.737	57	14703	0.190	ppbV		94
113) 1,2,4,5-tetramethylben...	8.825	119	10798	0.174	ppbV	#	88
114) dodecane	9.341	57	14078	0.141	ppbV		98
115) 1,2,4-trichlorobenzene	9.189	180	10683	0.167	ppbV		96
116) naphthalene	9.242	128	26828	0.161	ppbV		99
117) 1,2,3-trichlorobenzene	9.394	180	10013	0.140	ppbV	#	87
118) benzothiophene	9.271	134	10905	0.149	ppbV		97
119) hexachlorobutadiene	9.470	225	8276	0.166	ppbV		93
120) 2-methylnaphthalene	9.862	142	2417	0.178	ppbV	#	88
121) 1-methylnaphthalene	9.938	142	3661	0.188	ppbV	#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed7\0709T_I\R264816.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264812.D
Acq On : 09 Jul 2025 04:37 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.2
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

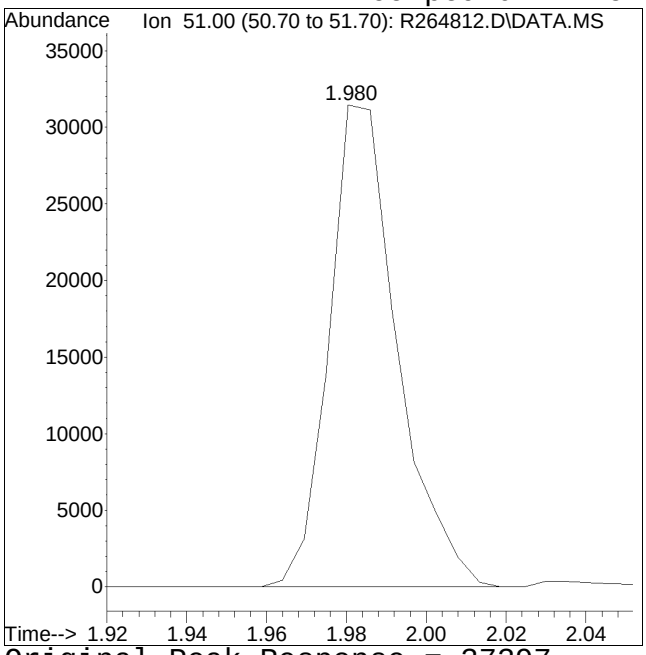
Quant Time: Jul 10 08:13:27 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration



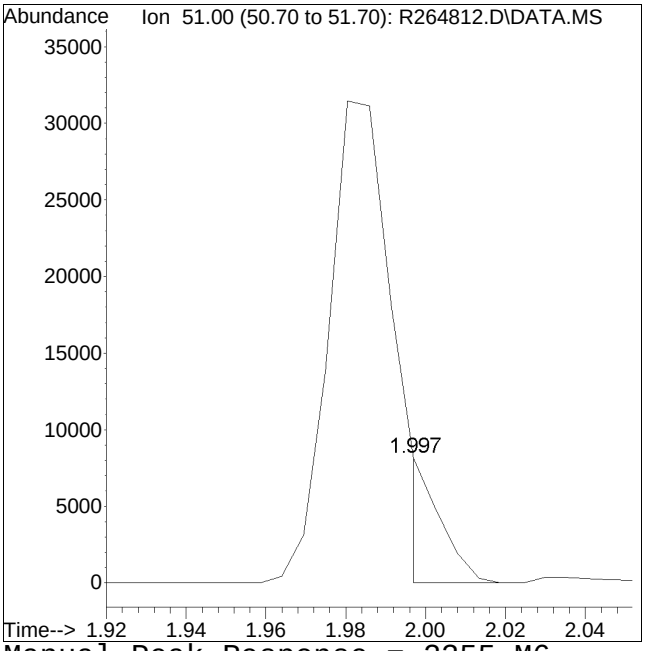
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264812.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 4:37 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 7/10/2025 8:13 am

Compound #2: chlorodifluoromethane



Original Peak Response = 37397



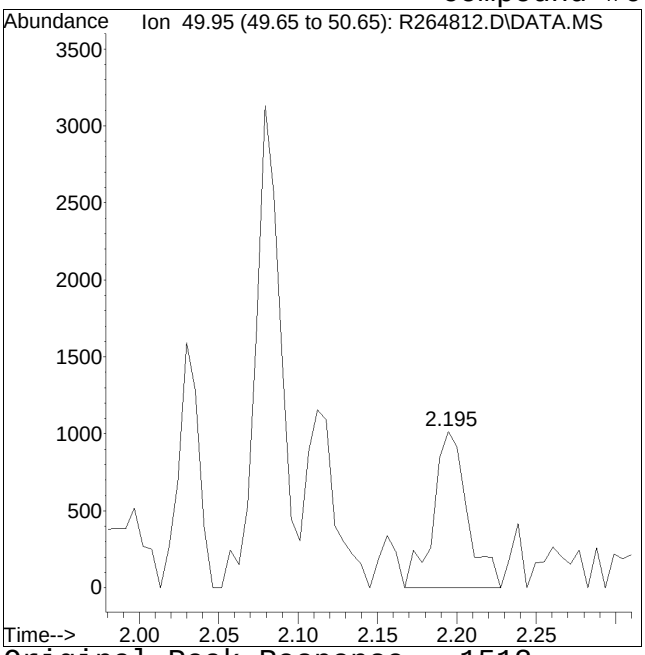
Manual Peak Response = 2355 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

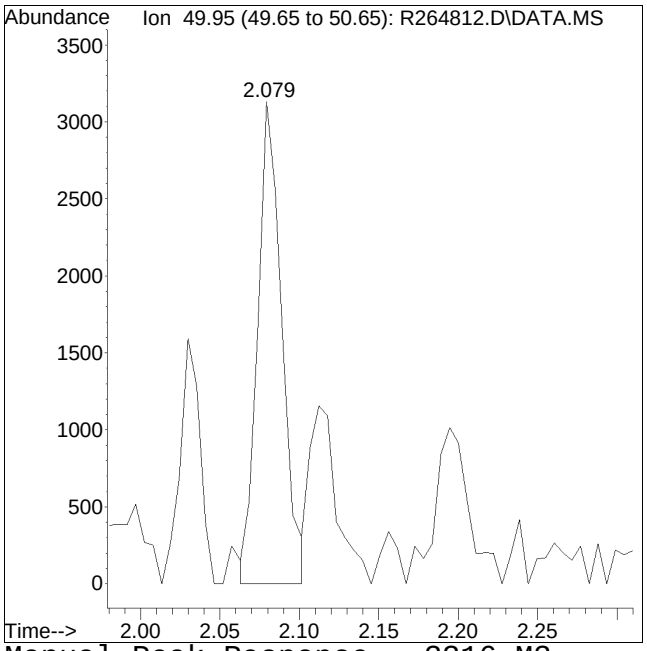
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264812.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 4:37 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 7/10/2025 8:13 am

Compound #6: chloromethane



Original Peak Response = 1512



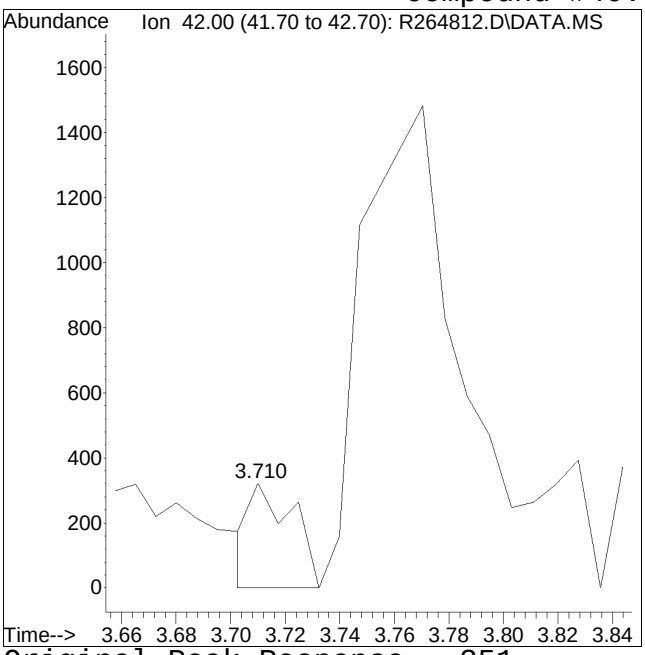
Manual Peak Response = 3316 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

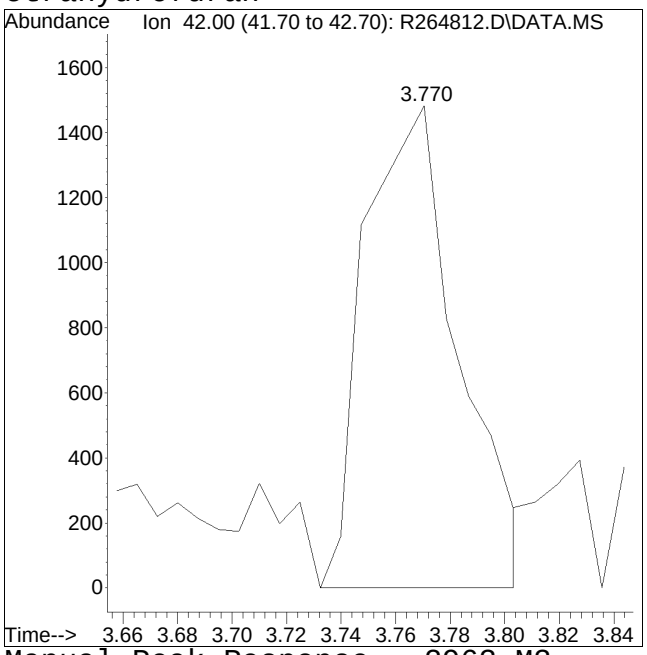
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264812.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 4:37 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 7/10/2025 8:13 am

Compound #40: Tetrahydrofuran



Original Peak Response = 351



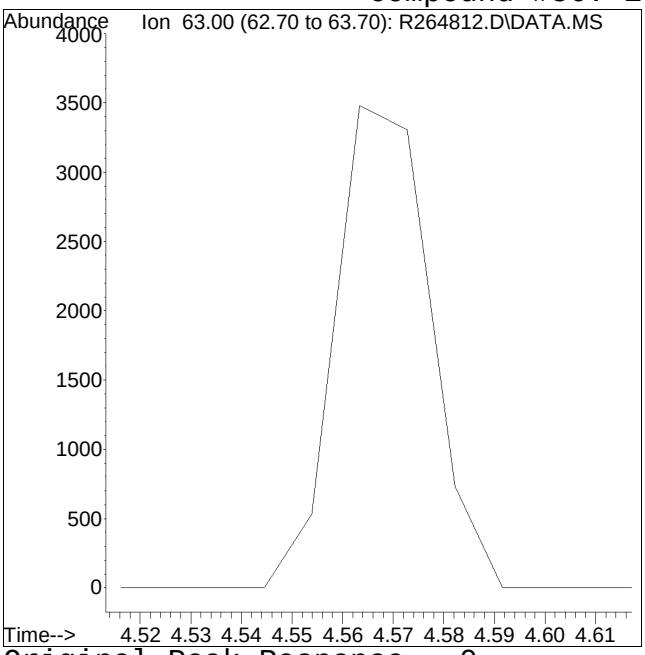
Manual Peak Response = 2963 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

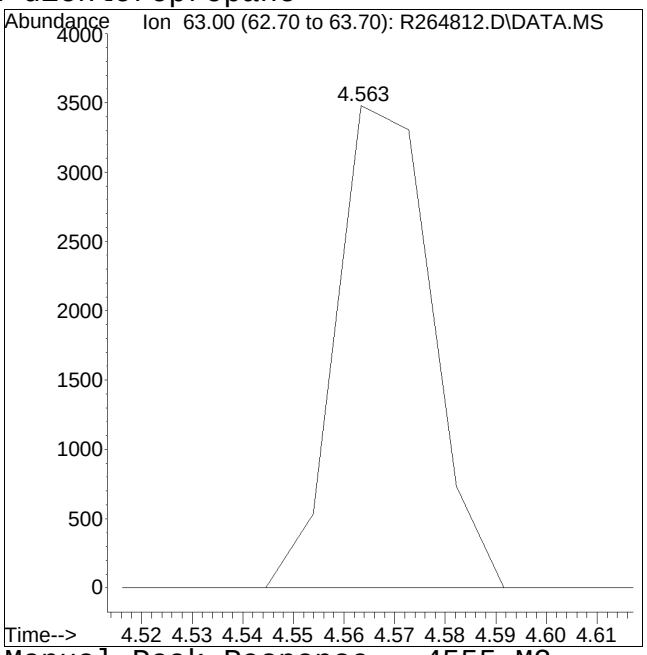
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264812.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 4:37 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 7/10/2025 8:13 am

Compound #56: 1,2-dichloropropane



Original Peak Response = 0



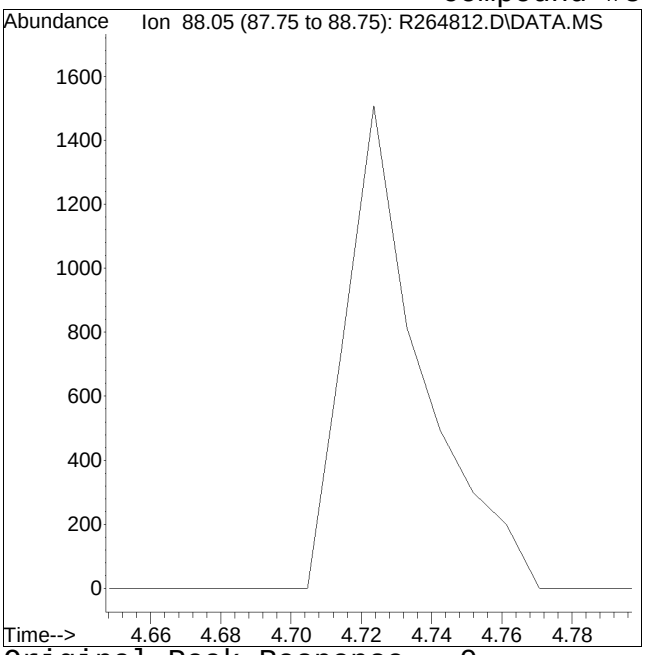
Manual Peak Response = 4555 M2

M2 = Peak not found by automatic integration algorithm.

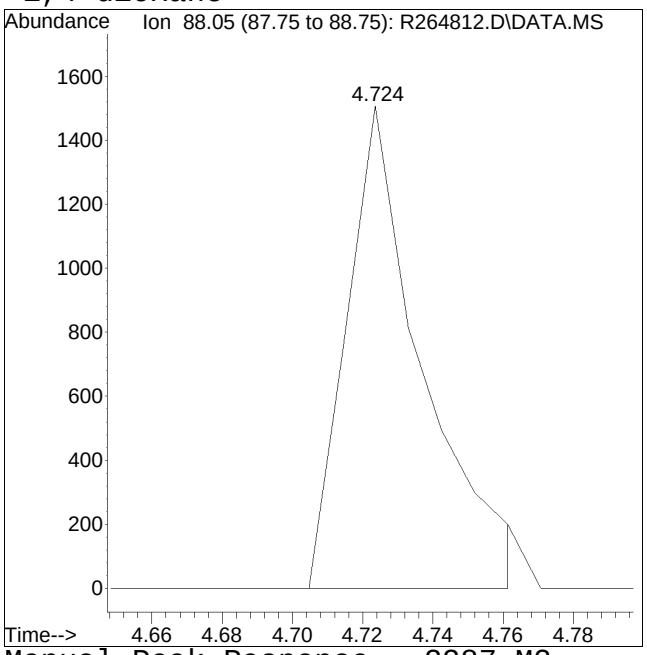
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264812.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 4:37 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 7/10/2025 8:13 am

Compound #58: 1,4-dioxane



Original Peak Response = 0



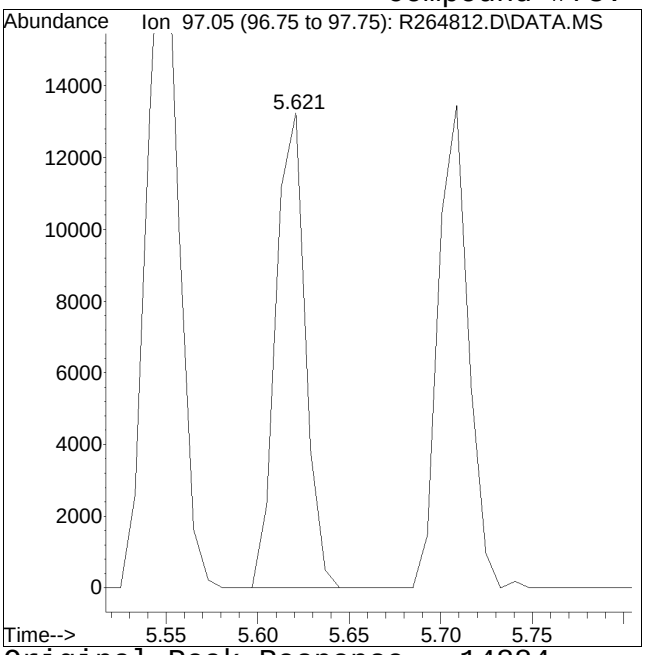
Manual Peak Response = 2287 M2

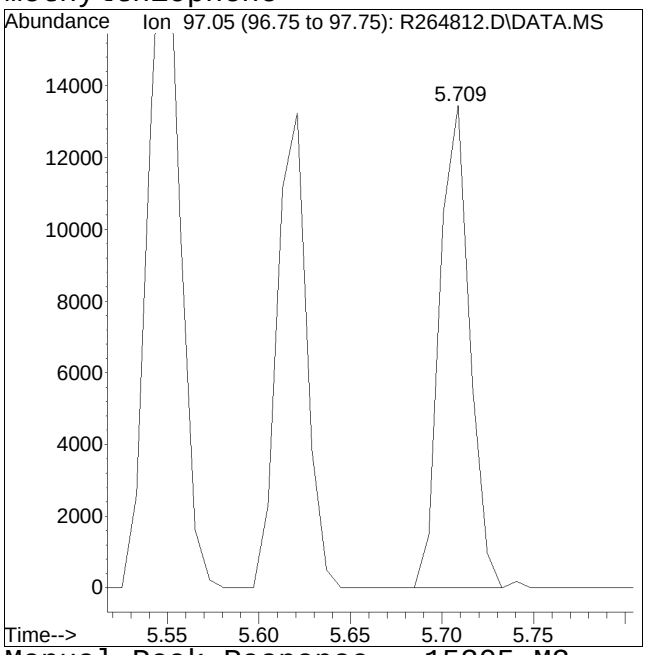
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264812.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 4:37 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 7/10/2025 8:13 am

Compound #73: 3-methylthiophene





Original Peak Response = 14884 Manual Peak Response = 15305 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264813.D
Acq On : 09 Jul 2025 05:13 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.5
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 08:14:06 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	251584	10.000	ppbV	0.00
Standard Area = 243909			Recovery = 103.15%			
43) 1,4-difluorobenzene	4.365	114	809302	10.000	ppbV	0.00
Standard Area = 791451			Recovery = 102.26%			
67) chlorobenzene-D5	6.455	54	134392	10.000	ppbV	0.00
Standard Area = 131085			Recovery = 102.52%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.827	65	221028	9.854	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.54%			
69) toluene-D8	5.541	98	702496	9.872	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.72%			
90) bromofluorobenzene	7.214	95	396466	9.752	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.52%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.997	51	6737M6	0.799	ppbV	
3) propylene	2.013	41	7468	0.638	ppbV	92
4) propane	2.019	29	4489	0.590	ppbV #	82
5) dichlorodifluoromethane	2.035	85	25652	0.537	ppbV	99
6) chloromethane	2.085	50	8448	0.583	ppbV	90
7) Freon-114	2.118	85	26711	0.535	ppbV	99
8) methanol	2.134	31	15969	4.160	ppbV #	73
9) vinyl chloride	2.151	62	8519	0.485	ppbV	90
10) 1,3-butadiene	2.200	54	6761	0.594	ppbV	97
11) butane	2.211	43	12038	0.530	ppbV	98
12) acetaldehyde	2.123	29	25038	2.870	ppbV #	82
13) bromomethane	2.283	94	9469	0.551	ppbV	99
14) chloroethane	2.332	64	5434	0.552	ppbV	95
15) ethanol	2.370	31	29826	2.855	ppbV	98
16) dichlorofluoromethane	2.365	67	25521	0.566	ppbV	99
17) vinyl bromide	2.443	106	9098	0.522	ppbV	98
18) acrolein	2.471	56	4621	0.529	ppbV #	79
19) acetone	2.511	43	66119	2.835	ppbV	98
20) acetonitrile	2.438	41	7902	0.561	ppbV	100
21) trichlorofluoromethane	2.556	101	25838	0.509	ppbV	100
22) isopropyl alcohol	2.573	45	38867	1.474	ppbV	98
23) acrylonitrile	2.636	53	8205	0.518	ppbV	93
24) pentane	2.658	43	19779	0.538	ppbV	97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264813.D
Acq On : 09 Jul 2025 05:13 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.5
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 08:14:06 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	2.664	31	10286	0.617	ppbV		97
26) 1,1-dichloroethene	2.732	61	16620	0.452	ppbV		93
27) tertiary butyl alcohol	2.746	59	24443	0.530	ppbV	#	90
28) methylene chloride	2.765	49	11256	0.539	ppbV		94
29) 3-chloropropene	2.798	41	11886	0.562	ppbV		91
30) carbon disulfide	2.851	76	26757	0.541	ppbV	#	1
31) Freon 113	2.851	101	20448	0.528	ppbV		95
32) trans-1,2-dichloroethene	3.062	61	13916	0.512	ppbV		94
33) 1,1-dichloroethane	3.133	63	19131	0.521	ppbV		98
34) MTBE	3.168	73	28282	0.525	ppbV	#	90
35) vinyl acetate	3.199	43	23539	0.531	ppbV		99
36) 2-butanone	3.292	43	17163	0.463	ppbV		95
37) cis-1,2-dichloroethene	3.448	61	13933	0.503	ppbV		93
38) Ethyl Acetate	3.575	61	4125M6	0.580	ppbV		
39) chloroform	3.568	83	22769	0.516	ppbV		98
40) Tetrahydrofuran	3.747	42	7940	0.367	ppbV		94
41) 2,2-dichloropropane	3.575	77	19615	0.498	ppbV		96
42) 1,2-dichloroethane	3.868	62	14494	0.503	ppbV		94
44) hexane	3.546	57	15257	0.567	ppbV	#	42
45) diisopropyl ether	3.561	87	10979	0.483	ppbV		83
46) tert-butyl ethyl ether	3.779	59	37072	0.573	ppbV		96
48) 1,1,1-trichloroethane	3.982	97	23278	0.519	ppbV		99
49) 1,1-dichloropropene	4.130	75	16779	0.428	ppbV		95
50) benzene	4.186	78	33573	0.515	ppbV		98
51) thiophene	4.243	84	27051	0.388	ppbV		90
52) carbon tetrachloride	4.252	117	23696	0.522	ppbV		97
53) cyclohexane	4.309	56	16194	0.574	ppbV		92
54) tert-amyl methyl ether	4.488	73	31018	0.485	ppbV		97
55) dibromomethane	4.545	93	13737	0.515	ppbV		92
56) 1,2-dichloropropane	4.563	63	10854	0.475	ppbV		92
57) bromodichloromethane	4.658	83	22653	0.512	ppbV		99
58) 1,4-dioxane	4.714	88	6566	0.556	ppbV		89
59) trichloroethene	4.686	130	15434	0.492	ppbV		98
60) 2,2,4-trimethylpentane	4.724	57	47218	0.532	ppbV		97
61) methyl methacrylate	4.818	41	11396	0.454	ppbV		88
62) heptane	4.865	43	16509	0.581	ppbV		97
63) cis-1,3-dichloropropene	5.110	75	16703	0.459	ppbV		90
64) 4-methyl-2-pentanone	5.158	43	21433	0.547	ppbV		98
65) trans-1,3-dichloropropene	5.381	75	13767	0.458	ppbV		96
66) 1,1,2-trichloroethane	5.453	97	14566	0.516	ppbV		92

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264813.D
Acq On : 09 Jul 2025 05:13 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.5
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 08:14:06 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.589	91	41847	0.511	ppbV		98
70) 2-methylthiophene	5.621	97	37198	0.374	ppbV		96
71) 1,3-dichloropropane	5.605	76	20050	0.502	ppbV		97
72) 2-hexanone	5.765	43	18139	0.482	ppbV		99
73) 3-methylthiophene	5.709	97	39151	0.385	ppbV		98
74) dibromochloromethane	5.781	129	21525	0.473	ppbV		98
75) 1,2-dibromoethane	5.900	107	21278	0.484	ppbV		99
76) butyl acetate	6.108	73	5407	0.509	ppbV		85
77) octane	6.132	85	12833	0.477	ppbV		86
78) tetrachloroethene	6.148	166	19706	0.509	ppbV		96
79) 1,1,1,2-tetrachloroethane	6.471	131	16768	0.481	ppbV		92
80) chlorobenzene	6.476	112	32590	0.502	ppbV		98
81) ethylbenzene	6.678	91	52683	0.488	ppbV		99
82) 2-ethylthiophene	6.695	97	45378	0.370	ppbV		100
83) m+p-xylene	6.771	91	94412	1.095	ppbV		98
84) bromoform	6.766	173	20198	0.482	ppbV		100
85) styrene	6.940	104	30325	0.476	ppbV		96
86) 1,1,2,2-tetrachloroethane	6.987	83	29624	0.487	ppbV		99
87) o-xylene	6.992	91	41389	0.500	ppbV		100
88) 1,2,3-trichloropropane	7.051	75	22831	0.484	ppbV	#	94
89) nonane	7.155	43	22544	0.472	ppbV		98
91) isopropylbenzene	7.295	105	57433	0.483	ppbV		97
92) bromobenzene	7.313	77	38689	0.756	ppbV		93
93) 2-chlorotoluene	7.523	126	15101	0.484	ppbV		96
94) n-propylbenzene	7.563	120	16611	0.491	ppbV		93
95) 4-chlorotoluene	7.563	126	14610	0.465	ppbV	#	56
96) 4-ethyl toluene	7.643	105	52502	0.484	ppbV		98
97) 1,3,5-trimethylbenzene	7.683	105	48267	0.506	ppbV		98
98) tert-butylbenzene	7.899	119	52286	0.475	ppbV		96
99) 1,2,4-trimethylbenzene	7.899	105	47557	0.471	ppbV	#	89
100) decane	8.002	57	30816	0.504	ppbV		99
101) Benzyl Chloride	7.962	91	37454	0.465	ppbV		99
102) 1,3-dichlorobenzene	7.962	146	35236	0.507	ppbV		95
103) 1,4-dichlorobenzene	8.002	146	33920	0.491	ppbV		98
104) sec-butylbenzene	8.050	105	73209	0.485	ppbV		97
105) 1,2,3-trimethylbenzene	8.130	105	51729	0.478	ppbV		99
106) p-isopropyltoluene	8.146	119	65348	0.471	ppbV		95
107) 1,2-dichlorobenzene	8.186	146	32397	0.479	ppbV		97
108) n-butylbenzene	8.385	91	58584	0.462	ppbV		98
109) indan	8.226	117	44810	0.497	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264813.D
Acq On : 09 Jul 2025 05:13 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.5
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 08:14:06 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

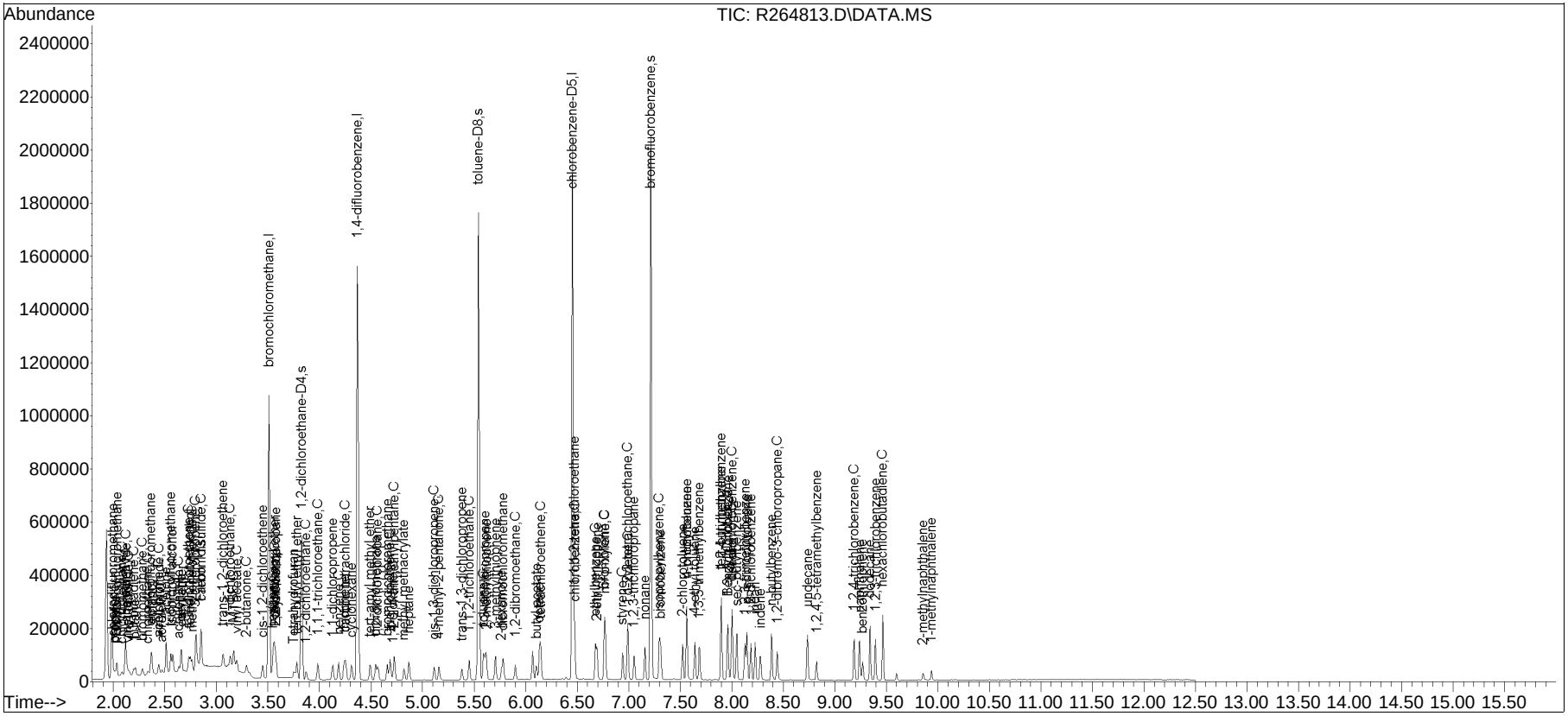
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.282	115	36278	0.477	ppbV	95
111) 1,2-dibromo-3-chloropr...	8.441	75	15934	0.443	ppbV	93
112) undecane	8.737	57	35144	0.446	ppbV #	95
113) 1,2,4,5-tetramethylben...	8.825	119	23130	0.365	ppbV	98
114) dodecane	9.341	57	34200	0.337	ppbV	97
115) 1,2,4-trichlorobenzene	9.189	180	28059	0.432	ppbV	98
116) naphthalene	9.242	128	73590	0.435	ppbV	97
117) 1,2,3-trichlorobenzene	9.394	180	25507	0.350	ppbV	98
118) benzothiophene	9.271	134	30776	0.412	ppbV	100
119) hexachlorobutadiene	9.464	225	23652	0.466	ppbV #	87
120) 2-methylnaphthalene	9.856	142	6441M3	0.465	ppbV	
121) 1-methylnaphthalene	9.938	142	9345M4	0.470	ppbV	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed7\0709T_I\R264816.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264813.D
Acq On : 09 Jul 2025 05:13 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.5
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

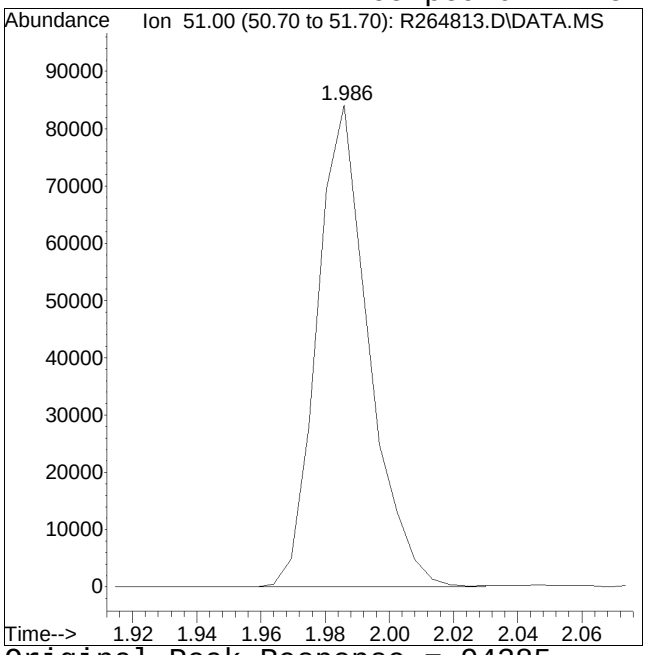
Quant Time: Jul 10 08:14:06 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration



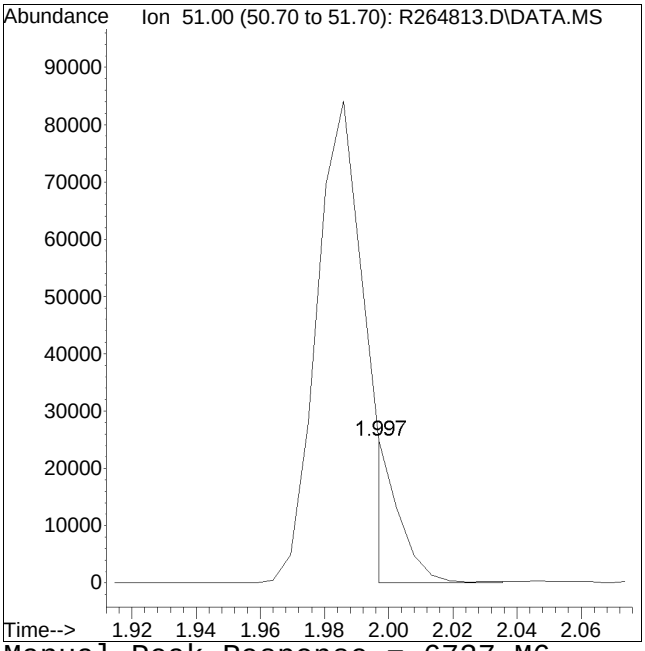
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264813.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 5:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 7/10/2025 8:14 am

Compound #2: chlorodifluoromethane



Original Peak Response = 94385



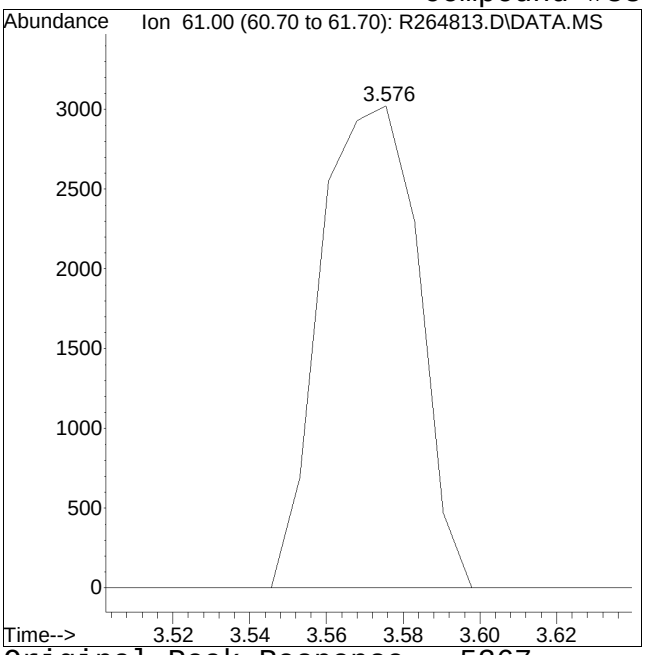
Manual Peak Response = 6737 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

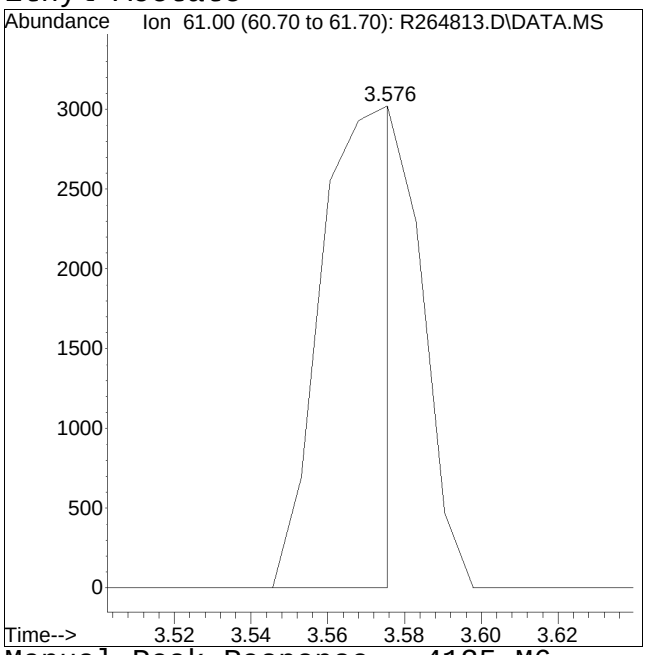
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264813.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 5:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 7/10/2025 8:14 am

Compound #38: Ethyl Acetate



Original Peak Response = 5367



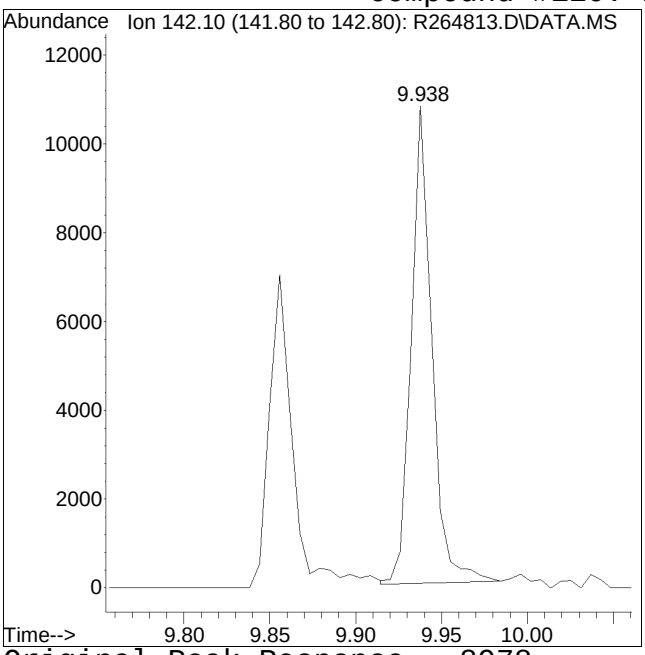
Manual Peak Response = 4125 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

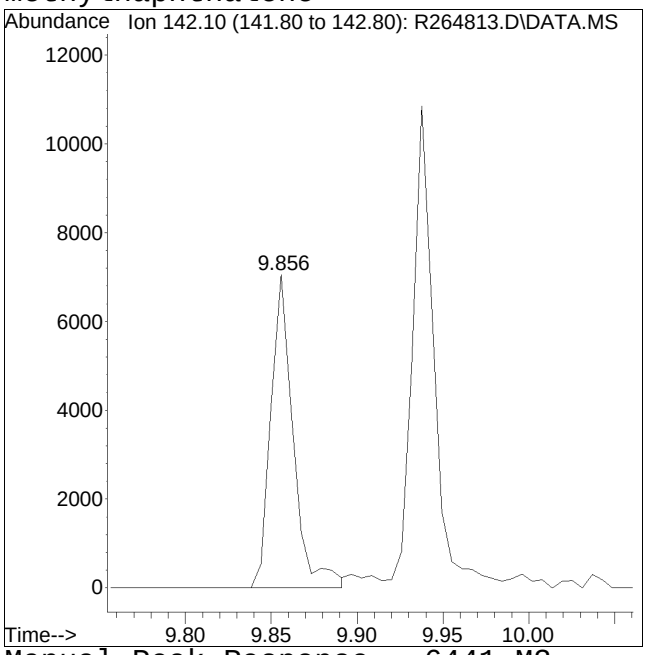
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264813.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 5:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 7/10/2025 8:14 am

Compound #120: 2-methylnaphthalene



Original Peak Response = 8978



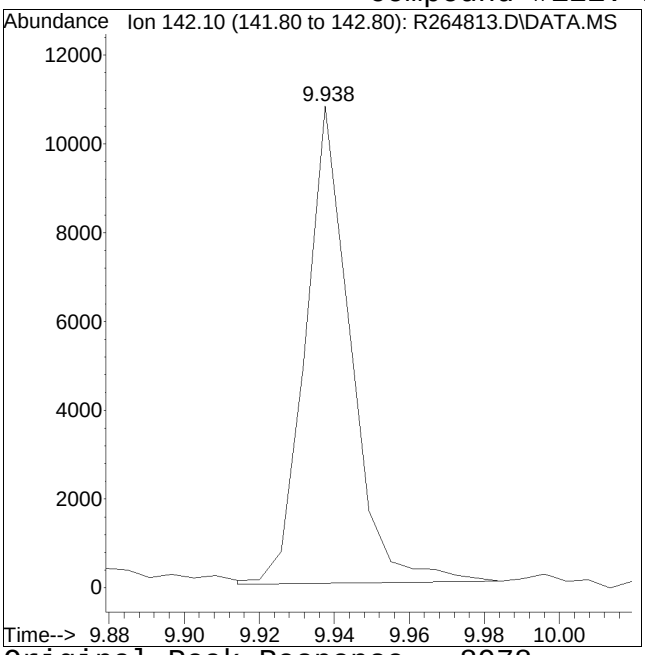
Manual Peak Response = 6441 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

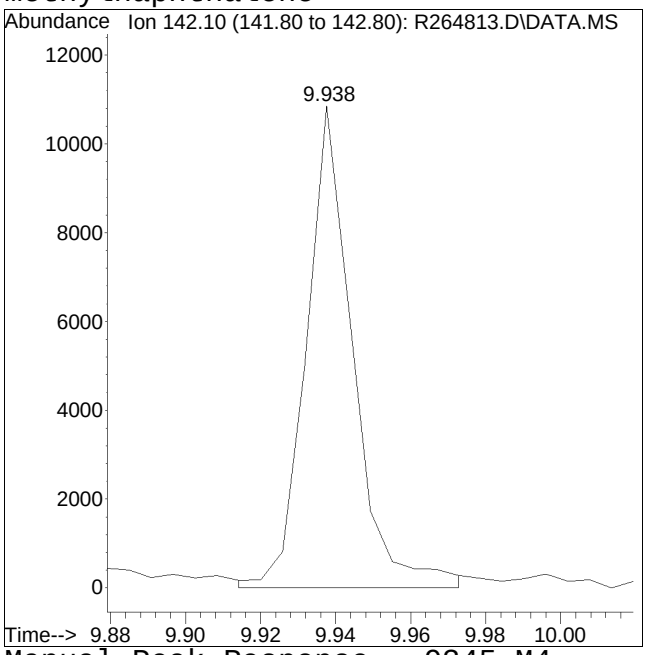
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264813.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 5:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 7/10/2025 8:14 am

Compound #121: 1-methylnaphthalene



Original Peak Response = 8978



Manual Peak Response = 9345 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264814.D
Acq On : 09 Jul 2025 05:52 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD1.0
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 08:14:14 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	247285	10.000	ppbV	0.00
Standard Area = 243909			Recovery = 101.38%			
43) 1,4-difluorobenzene	4.375	114	796990	10.000	ppbV	0.00
Standard Area = 791451			Recovery = 100.70%			
67) chlorobenzene-D5	6.455	54	132322	10.000	ppbV	0.00
Standard Area = 131085			Recovery = 100.94%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.828	65	223975	10.140	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.40%			
69) toluene-D8	5.541	98	700635	10.000	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
90) bromofluorobenzene	7.214	95	394841	9.863	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.63%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.997	51	10917M6	1.318	ppbV	
3) propylene	2.013	41	13448	1.169	ppbV	94
4) propane	2.019	29	8100	1.083	ppbV #	73
5) dichlorodifluoromethane	2.030	85	49011	1.044	ppbV	98
6) chloromethane	2.079	50	14667	1.029	ppbV	98
7) Freon-114	2.112	85	50889	1.037	ppbV	99
8) methanol	2.129	31	29503	7.819	ppbV #	69
9) vinyl chloride	2.151	62	18253	1.057	ppbV	96
10) 1,3-butadiene	2.195	54	12271	1.097	ppbV	99
11) butane	2.211	43	23117	1.036	ppbV	96
12) acetaldehyde	2.123	29	47913	5.587	ppbV	93
13) bromomethane	2.283	94	18356	1.086	ppbV	97
14) chloroethane	2.337	64	10619	1.098	ppbV	99
15) ethanol	2.370	31	51243	4.990	ppbV	98
16) dichlorofluoromethane	2.365	67	47768	1.077	ppbV	97
17) vinyl bromide	2.443	106	18243	1.064	ppbV	96
18) acrolein	2.477	56	8933	1.041	ppbV #	88
19) acetone	2.511	43	128272	5.595	ppbV	99
20) acetonitrile	2.438	41	14814	1.070	ppbV	98
21) trichlorofluoromethane	2.562	101	51636	1.036	ppbV	98
22) isopropyl alcohol	2.579	45	67363	2.599	ppbV	99
23) acrylonitrile	2.636	53	17245	1.108	ppbV	96
24) pentane	2.658	43	38624	1.068	ppbV	98

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264814.D
Acq On : 09 Jul 2025 05:52 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD1.0
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 08:14:14 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	2.664	31	20372	1.242	ppbV	98
26) 1,1-dichloroethene	2.736	61	31771	0.879	ppbV	99
27) tertiary butyl alcohol	2.746	59	42463	0.937	ppbV #	95
28) methylene chloride	2.765	49	21420	1.044	ppbV	90
29) 3-chloropropene	2.803	41	22700	1.093	ppbV	98
30) carbon disulfide	2.856	76	52529	1.080	ppbV #	51
31) Freon 113	2.851	101	39237	1.032	ppbV	99
32) trans-1,2-dichloroethene	3.067	61	28561	1.070	ppbV	95
33) 1,1-dichloroethane	3.137	63	37332	1.034	ppbV	98
34) MTBE	3.168	73	55570	1.050	ppbV	97
35) vinyl acetate	3.199	43	48046	1.103	ppbV	96
36) 2-butanone	3.292	43	37760	1.037	ppbV	97
37) cis-1,2-dichloroethene	3.449	61	28158	1.035	ppbV	98
38) Ethyl Acetate	3.568	61	7893M6	1.129	ppbV	
39) chloroform	3.568	83	43945	1.013	ppbV	99
40) Tetrahydrofuran	3.747	42	14590M6	0.686	ppbV	
41) 2,2-dichloropropane	3.583	77	38947	1.006	ppbV	98
42) 1,2-dichloroethane	3.876	62	29409	1.039	ppbV	96
44) hexane	3.553	57	29622	1.118	ppbV	92
45) diisopropyl ether	3.561	87	22221	0.993	ppbV	94
46) tert-butyl ethyl ether	3.779	59	76691	1.204	ppbV	95
48) 1,1,1-trichloroethane	3.982	97	44721	1.013	ppbV	99
49) 1,1-dichloropropene	4.130	75	32439	0.841	ppbV	96
50) benzene	4.186	78	64404	1.003	ppbV	99
51) thiophene	4.243	84	53615	0.781	ppbV	97
52) carbon tetrachloride	4.252	117	44889	1.004	ppbV	96
53) cyclohexane	4.309	56	29782	1.071	ppbV	98
54) tert-amyl methyl ether	4.488	73	62757	0.996	ppbV	99
55) dibromomethane	4.545	93	26327	1.003	ppbV	99
56) 1,2-dichloropropane	4.563	63	23163	1.030	ppbV	97
57) bromodichloromethane	4.658	83	44577	1.023	ppbV	96
58) 1,4-dioxane	4.705	88	11791	1.013	ppbV	97
59) trichloroethene	4.686	130	31167	1.008	ppbV	93
60) 2,2,4-trimethylpentane	4.724	57	91182	1.044	ppbV	99
61) methyl methacrylate	4.818	41	25239	1.020	ppbV	96
62) heptane	4.865	43	29087	1.039	ppbV	99
63) cis-1,3-dichloropropene	5.110	75	35271	0.984	ppbV	97
64) 4-methyl-2-pentanone	5.158	43	39092	1.013	ppbV #	95
65) trans-1,3-dichloropropene	5.382	75	28832	0.975	ppbV	94
66) 1,1,2-trichloroethane	5.453	97	28437	1.023	ppbV	97

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264814.D
Acq On : 09 Jul 2025 05:52 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD1.0
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 08:14:14 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	5.589	91	81471	1.011	ppbV	99
70) 2-methylthiophene	5.621	97	73379	0.749	ppbV	99
71) 1,3-dichloropropane	5.605	76	39137	0.995	ppbV	98
72) 2-hexanone	5.757	43	36547	0.986	ppbV	96
73) 3-methylthiophene	5.709	97	75639	0.755	ppbV	98
74) dibromochloromethane	5.781	129	44324	0.990	ppbV	96
75) 1,2-dibromoethane	5.900	107	42203	0.976	ppbV	98
76) butyl acetate	6.100	73	10097	0.965	ppbV	93
77) octane	6.132	85	25489	0.962	ppbV	95
78) tetrachloroethene	6.148	166	39017	1.024	ppbV	97
79) 1,1,1,2-tetrachloroethane	6.471	131	33072	0.964	ppbV	97
80) chlorobenzene	6.477	112	65197	1.021	ppbV	97
81) ethylbenzene	6.678	91	105489	0.991	ppbV	98
82) 2-ethylthiophene	6.689	97	92073	0.762	ppbV	99
83) m+p-xylene	6.766	91	186493	2.197	ppbV	97
84) bromoform	6.766	173	41250	0.999	ppbV	95
85) styrene	6.940	104	60557	0.965	ppbV	98
86) 1,1,2,2-tetrachloroethane	6.987	83	60473	1.009	ppbV	99
87) o-xylene	6.992	91	83040	1.018	ppbV	98
88) 1,2,3-trichloropropane	7.051	75	45615	0.983	ppbV	99
89) nonane	7.155	43	43352	0.921	ppbV	98
91) isopropylbenzene	7.295	105	113073	0.967	ppbV	97
92) bromobenzene	7.313	77	76476	1.517	ppbV	91
93) 2-chlorotoluene	7.523	126	29812	0.971	ppbV	96
94) n-propylbenzene	7.563	120	32054	0.963	ppbV	61
95) 4-chlorotoluene	7.563	126	30600	0.989	ppbV	73
96) 4-ethyl toluene	7.643	105	109319	1.023	ppbV	99
97) 1,3,5-trimethylbenzene	7.683	105	96519	1.027	ppbV	96
98) tert-butylbenzene	7.899	119	102760	0.948	ppbV	99
99) 1,2,4-trimethylbenzene	7.899	105	95513	0.961	ppbV	93
100) decane	8.002	57	58266	0.968	ppbV	96
101) Benzyl Chloride	7.954	91	78603	0.990	ppbV	95
102) 1,3-dichlorobenzene	7.962	146	66654	0.974	ppbV	97
103) 1,4-dichlorobenzene	8.002	146	70353	1.035	ppbV	94
104) sec-butylbenzene	8.050	105	144887	0.975	ppbV	94
105) 1,2,3-trimethylbenzene	8.130	105	105052	0.985	ppbV	98
106) p-isopropyltoluene	8.146	119	132925	0.972	ppbV	98
107) 1,2-dichlorobenzene	8.186	146	67987	1.022	ppbV	96
108) n-butylbenzene	8.385	91	119289	0.956	ppbV	96
109) indan	8.226	117	88090	0.992	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264814.D
Acq On : 09 Jul 2025 05:52 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD1.0
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 10 08:14:14 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

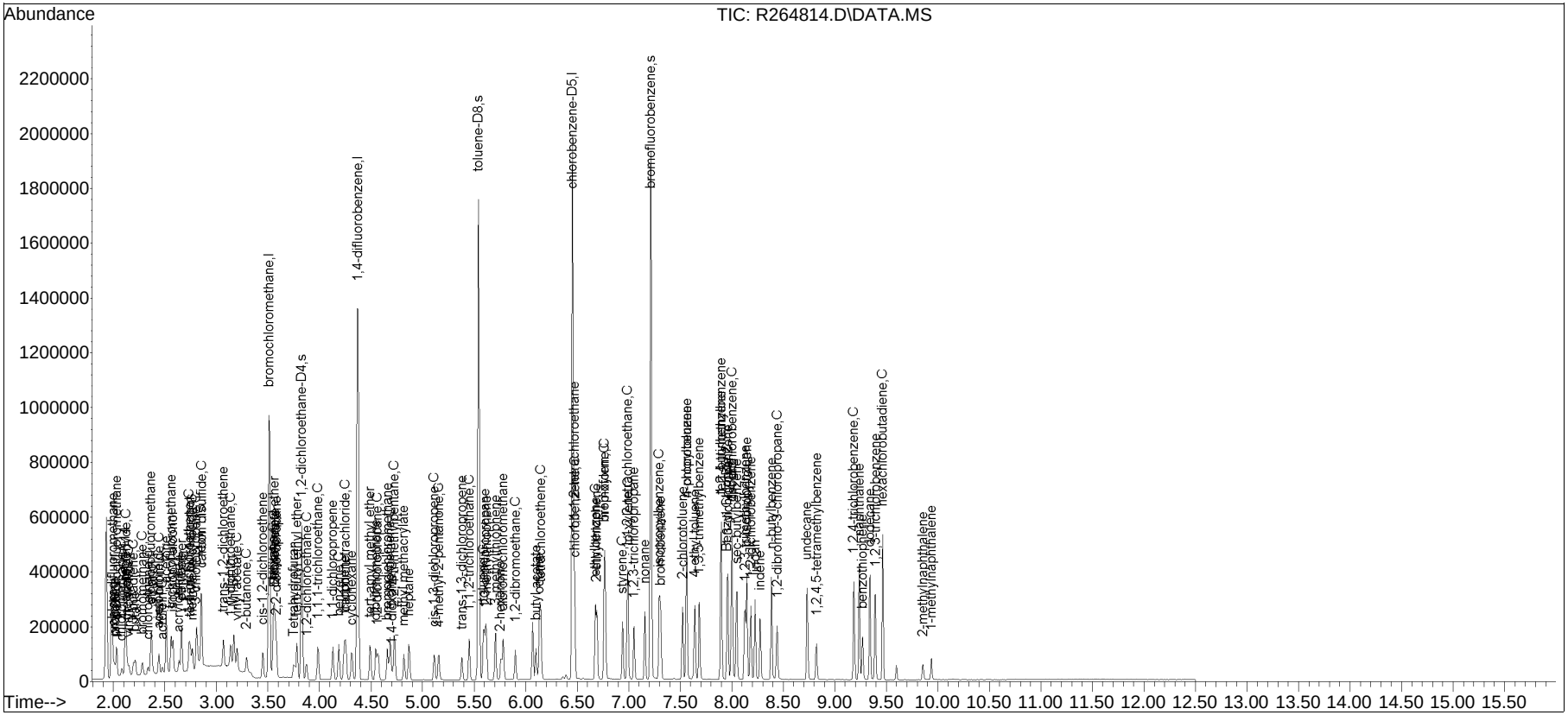
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.274	115	74721	0.999	ppbV	100
111) 1,2-dibromo-3-chloropr...	8.441	75	30802	0.869	ppbV	85
112) undecane	8.729	57	69303	0.894	ppbV	98
113) 1,2,4,5-tetramethylben...	8.825	119	46592	0.748	ppbV	95
114) dodecane	9.341	57	72051	0.721	ppbV	99
115) 1,2,4-trichlorobenzene	9.184	180	62197	0.972	ppbV	95
116) naphthalene	9.236	128	180101	1.081	ppbV	98
117) 1,2,3-trichlorobenzene	9.394	180	57927	0.808	ppbV	96
118) benzothiophene	9.271	134	71815	0.977	ppbV	98
119) hexachlorobutadiene	9.464	225	47963	0.959	ppbV	93
120) 2-methylnaphthalene	9.856	142	15745	1.154	ppbV	98
121) 1-methylnaphthalene	9.938	142	20137	1.030	ppbV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed7\0709T_I\R264816.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264814.D
Acq On : 09 Jul 2025 05:52 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD1.0
Misc : WG2089114
ALS Vial : 6 Sample Multiplier: 1

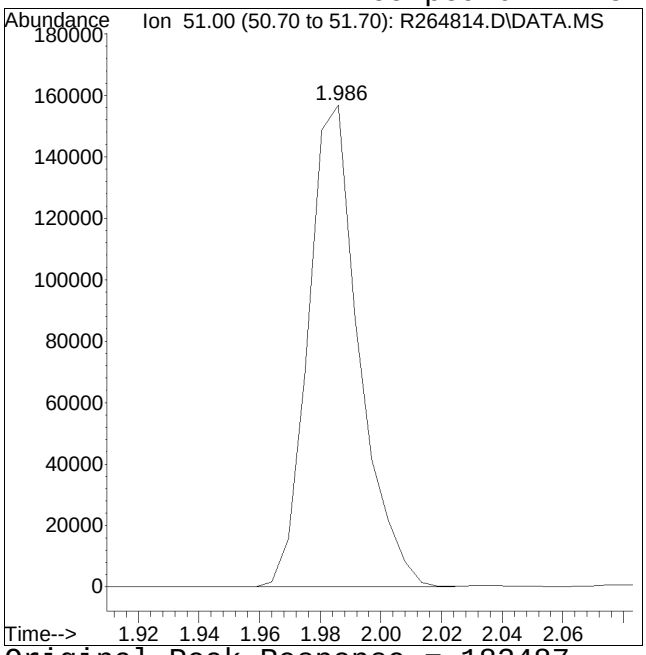
Quant Time: Jul 10 08:14:14 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration



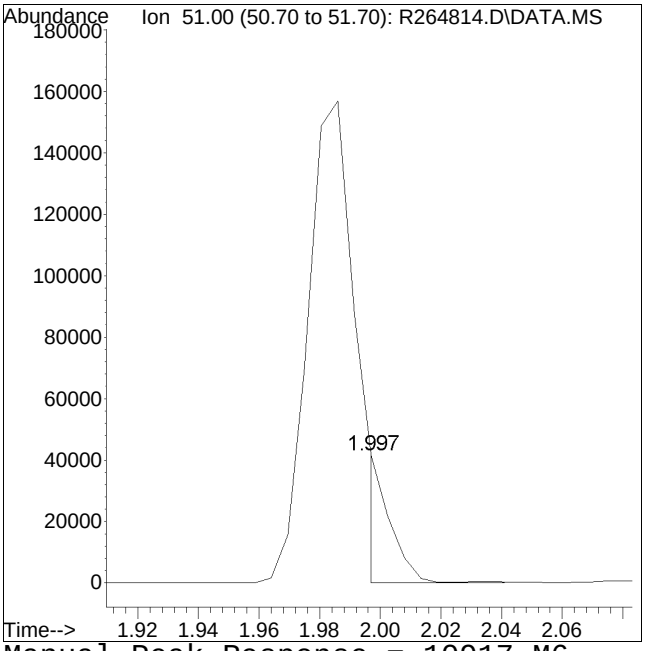
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264814.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 5:52 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 7/10/2025 8:14 am

Compound #2: chlorodifluoromethane



Original Peak Response = 182487



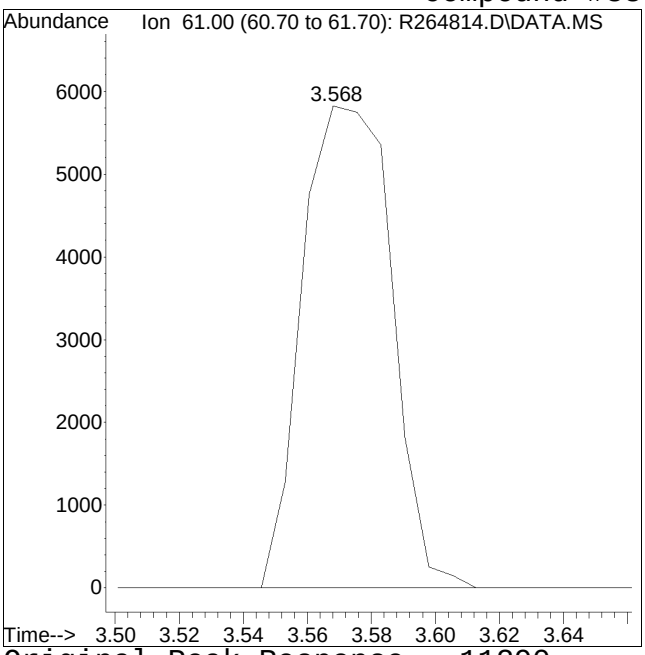
Manual Peak Response = 10917 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

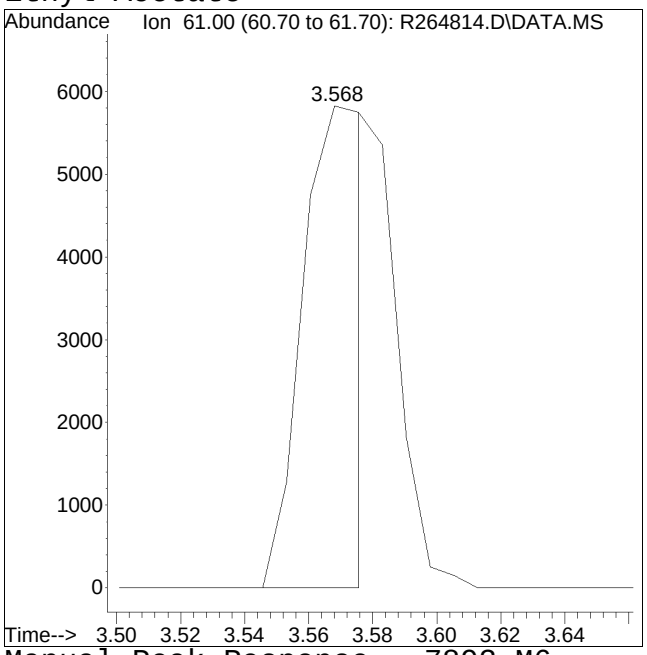
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264814.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 5:52 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 7/10/2025 8:14 am

Compound #38: Ethyl Acetate



Original Peak Response = 11290



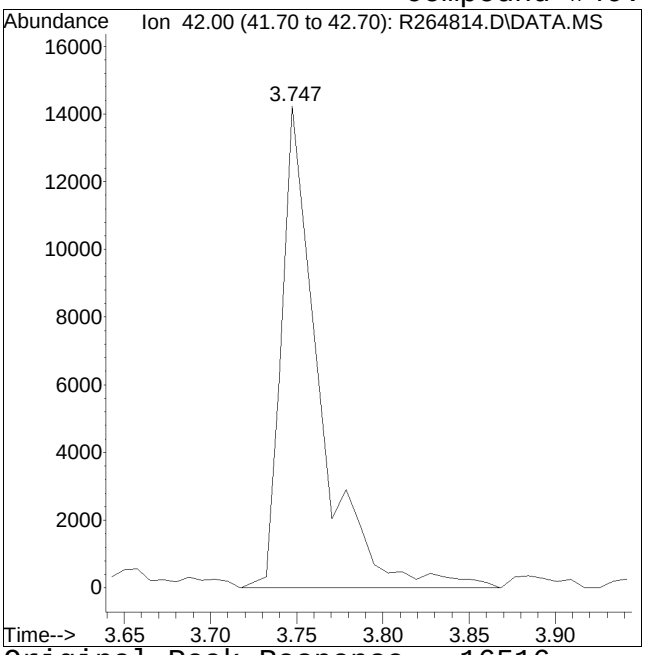
Manual Peak Response = 7893 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

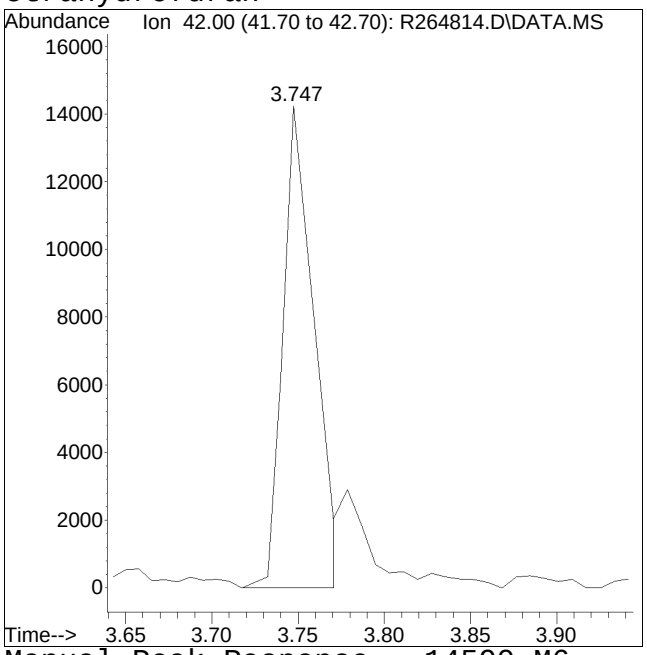
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264814.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 5:52 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 7/10/2025 8:14 am

Compound #40: Tetrahydrofuran



Original Peak Response = 16516



Manual Peak Response = 14590 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264815.D
Acq On : 09 Jul 2025 07:33 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD5.0
Misc : WG2089114
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 10 08:14:22 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	244786	10.000	ppbV	0.00
Standard Area = 243909			Recovery = 100.36%			
43) 1,4-difluorobenzene	4.365	114	785921	10.000	ppbV	0.00
Standard Area = 791451			Recovery = 99.30%			
67) chlorobenzene-D5	6.455	54	128521	10.000	ppbV	0.00
Standard Area = 131085			Recovery = 98.04%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.819	65	215853	9.910	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.10%			
69) toluene-D8	5.541	98	696487	10.234	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.34%			
90) bromofluorobenzene	7.214	95	384822	9.897	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.97%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.991	51	46937M6	5.724	ppbV	
3) propylene	2.002	41	60278	5.291	ppbV	97
4) propane	2.008	29	38379	5.183	ppbV	95
5) dichlorodifluoromethane	2.024	85	240480	5.174	ppbV	100
6) chloromethane	2.074	50	71751	5.085	ppbV	97
7) Freon-114	2.107	85	247910	5.103	ppbV	98
8) methanol	2.123	31	135889	36.383	ppbV	98
9) vinyl chloride	2.145	62	87636	5.125	ppbV	99
10) 1,3-butadiene	2.189	54	57598	5.200	ppbV	98
11) butane	2.206	43	111230	5.035	ppbV	98
12) acetaldehyde	2.112	29	218167	25.700	ppbV	97
13) bromomethane	2.271	94	84165	5.032	ppbV	99
14) chloroethane	2.326	64	49321	5.151	ppbV	96
15) ethanol	2.359	31	267635	26.330	ppbV	98
16) dichlorofluoromethane	2.354	67	227293	5.178	ppbV	99
17) vinyl bromide	2.437	106	98642	5.813	ppbV	99
18) acrolein	2.466	56	41969	4.939	ppbV	95
19) acetone	2.500	43	581140	25.607	ppbV	99
20) acetonitrile	2.432	41	79932	5.832	ppbV	96
21) trichlorofluoromethane	2.551	101	250538	5.077	ppbV	98
22) isopropyl alcohol	2.568	45	336791	13.125	ppbV	99
23) acrylonitrile	2.630	53	82893	5.378	ppbV	99
24) pentane	2.653	43	175854	4.912	ppbV	98

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264815.D
Acq On : 09 Jul 2025 07:33 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD5.0
Misc : WG2089114
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 10 08:14:22 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	2.658	31	94456	5.819	ppbV	97
26) 1,1-dichloroethene	2.727	61	182969	5.116	ppbV	99
27) tertiary butyl alcohol	2.736	59	230265	5.132	ppbV	99
28) methylene chloride	2.760	49	102939	5.067	ppbV	98
29) 3-chloropropene	2.798	41	104132	5.064	ppbV	99
30) carbon disulfide	2.846	76	242869	5.044	ppbV	94
31) Freon 113	2.846	101	191966	5.098	ppbV	98
32) trans-1,2-dichloroethene	3.062	61	131874	4.989	ppbV	98
33) 1,1-dichloroethane	3.128	63	182326	5.103	ppbV	97
34) MTBE	3.159	73	262041	5.001	ppbV	99
35) vinyl acetate	3.195	43	220975	5.125	ppbV	98
36) 2-butanone	3.279	43	155782	4.323	ppbV	94
37) cis-1,2-dichloroethene	3.441	61	135008	5.013	ppbV	97
38) Ethyl Acetate	3.553	61	26344M6	3.806	ppbV	
39) chloroform	3.560	83	215444	5.019	ppbV	98
40) Tetrahydrofuran	3.732	42	96176	4.566	ppbV	98
41) 2,2-dichloropropane	3.575	77	190210	4.961	ppbV	99
42) 1,2-dichloroethane	3.868	62	143450	5.119	ppbV	98
44) hexane	3.546	57	134679	5.155	ppbV	99
45) diisopropyl ether	3.553	87	112005	5.076	ppbV	99
46) tert-butyl ethyl ether	3.770	59	319692	5.089	ppbV	97
48) 1,1,1-trichloroethane	3.982	97	220071	5.057	ppbV	98
49) 1,1-dichloropropene	4.120	75	192884	5.070	ppbV	96
50) benzene	4.186	78	318064	5.024	ppbV	99
51) thiophene	4.233	84	343207	5.073	ppbV	99
52) carbon tetrachloride	4.252	117	227362	5.155	ppbV	98
53) cyclohexane	4.309	56	136184	4.968	ppbV	96
54) tert-amyl methyl ether	4.488	73	312312	5.025	ppbV	99
55) dibromomethane	4.544	93	130246	5.032	ppbV	99
56) 1,2-dichloropropane	4.563	63	111460	5.025	ppbV	98
57) bromodichloromethane	4.658	83	216784	5.047	ppbV	98
58) 1,4-dioxane	4.695	88	63208	5.507	ppbV	95
59) trichloroethene	4.686	130	153971	5.051	ppbV	99
60) 2,2,4-trimethylpentane	4.723	57	432886	5.025	ppbV	100
61) methyl methacrylate	4.818	41	128096	5.251	ppbV	97
62) heptane	4.865	43	141366	5.122	ppbV	97
63) cis-1,3-dichloropropene	5.110	75	175225	4.956	ppbV	99
64) 4-methyl-2-pentanone	5.150	43	189831	4.990	ppbV	97
65) trans-1,3-dichloropropene	5.381	75	143147	4.907	ppbV	98
66) 1,1,2-trichloroethane	5.453	97	141327	5.154	ppbV	97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264815.D
Acq On : 09 Jul 2025 07:33 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD5.0
Misc : WG2089114
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 10 08:14:22 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	5.589	91	405585	5.180	ppbV	100
70) 2-methylthiophene	5.613	97	480590	5.047	ppbV	100
71) 1,3-dichloropropane	5.605	76	191302	5.009	ppbV	99
72) 2-hexanone	5.749	43	179729	4.994	ppbV	98
73) 3-methylthiophene	5.701	97	496480	5.104	ppbV	99
74) dibromochloromethane	5.780	129	218658	5.028	ppbV	99
75) 1,2-dibromoethane	5.900	107	215300	5.125	ppbV	100
76) butyl acetate	6.092	73	51896	5.105	ppbV	98
77) octane	6.132	85	131352	5.105	ppbV	98
78) tetrachloroethene	6.148	166	187817	5.076	ppbV	97
79) 1,1,1,2-tetrachloroethane	6.471	131	171385	5.142	ppbV	99
80) chlorobenzene	6.471	112	320078	5.160	ppbV	99
81) ethylbenzene	6.673	91	523227	5.063	ppbV	99
82) 2-ethylthiophene	6.689	97	600378	5.118	ppbV	99
83) m+p-xylene	6.766	91	841141	10.203	ppbV	100
84) bromoform	6.766	173	201992	5.037	ppbV	99
85) styrene	6.940	104	317521	5.211	ppbV	96
86) 1,1,2,2-tetrachloroethane	6.987	83	295438	5.077	ppbV	100
87) o-xylene	6.992	91	408380	5.155	ppbV	99
88) 1,2,3-trichloropropane	7.051	75	230560	5.115	ppbV	99
89) nonane	7.155	43	228010	4.989	ppbV	99
91) isopropylbenzene	7.295	105	574372	5.055	ppbV	99
92) bromobenzene	7.307	77	384314	7.849	ppbV	95
93) 2-chlorotoluene	7.523	126	150239	5.036	ppbV	100
94) n-propylbenzene	7.555	120	166308	5.142	ppbV	97
95) 4-chlorotoluene	7.563	126	152450	5.072	ppbV	95
96) 4-ethyl toluene	7.643	105	524421	5.052	ppbV	99
97) 1,3,5-trimethylbenzene	7.683	105	469662	5.144	ppbV	100
98) tert-butylbenzene	7.890	119	532060	5.056	ppbV	98
99) 1,2,4-trimethylbenzene	7.898	105	488386	5.060	ppbV	99
100) decane	8.002	57	302715	5.177	ppbV	97
101) Benzyl Chloride	7.954	91	374635	4.860	ppbV	99
102) 1,3-dichlorobenzene	7.954	146	335730	5.050	ppbV	99
103) 1,4-dichlorobenzene	7.994	146	333056	5.043	ppbV	100
104) sec-butylbenzene	8.042	105	727365	5.039	ppbV	100
105) 1,2,3-trimethylbenzene	8.122	105	528756	5.105	ppbV	97
106) p-isopropyltoluene	8.146	119	676770	5.095	ppbV	99
107) 1,2-dichlorobenzene	8.186	146	323800	5.009	ppbV	94
108) n-butylbenzene	8.385	91	615424	5.075	ppbV	98
109) indan	8.226	117	435884	5.055	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264815.D
Acq On : 09 Jul 2025 07:33 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD5.0
Misc : WG2089114
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 10 08:14:22 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

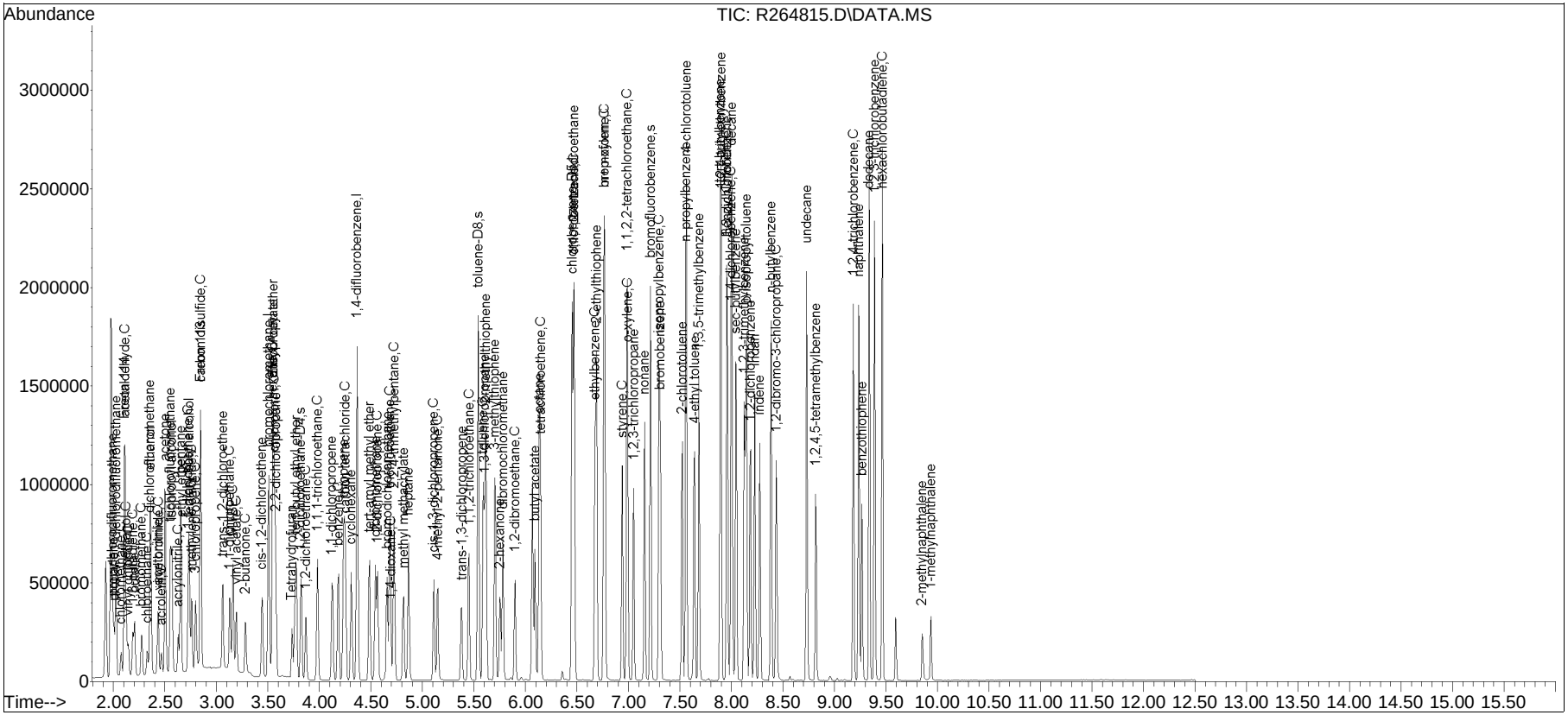
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.274	115	369174	5.081	ppbV	99
111) 1,2-dibromo-3-chloropr...	8.433	75	171374	4.981	ppbV	98
112) undecane	8.729	57	374020	4.965	ppbV	100
113) 1,2,4,5-tetramethylben...	8.816	119	303614	5.016	ppbV	99
114) dodecane	9.335	57	480345	4.948	ppbV	99
115) 1,2,4-trichlorobenzene	9.183	180	308387	4.962	ppbV	97
116) naphthalene	9.236	128	803547	4.965	ppbV	100
117) 1,2,3-trichlorobenzene	9.388	180	382938	5.496	ppbV	99
118) benzothiophene	9.265	134	351014	4.914	ppbV	99
119) hexachlorobutadiene	9.464	225	246200	5.067	ppbV	95
120) 2-methylnaphthalene	9.850	142	60014M3	4.530	ppbV	
121) 1-methylnaphthalene	9.937	142	88543	4.661	ppbV	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed7\0709T_I\R264816.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264815.D
Acq On : 09 Jul 2025 07:33 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD5.0
Misc : WG2089114
ALS Vial : 7 Sample Multiplier: 1

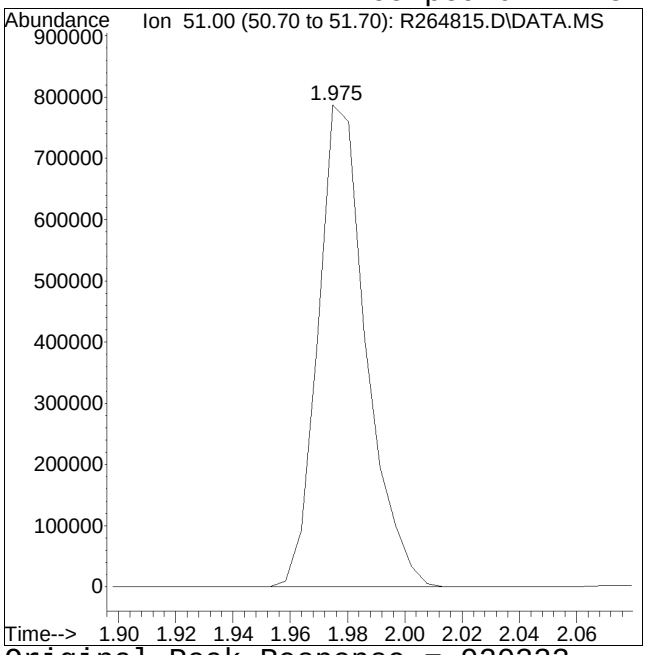
Quant Time: Jul 10 08:14:22 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration



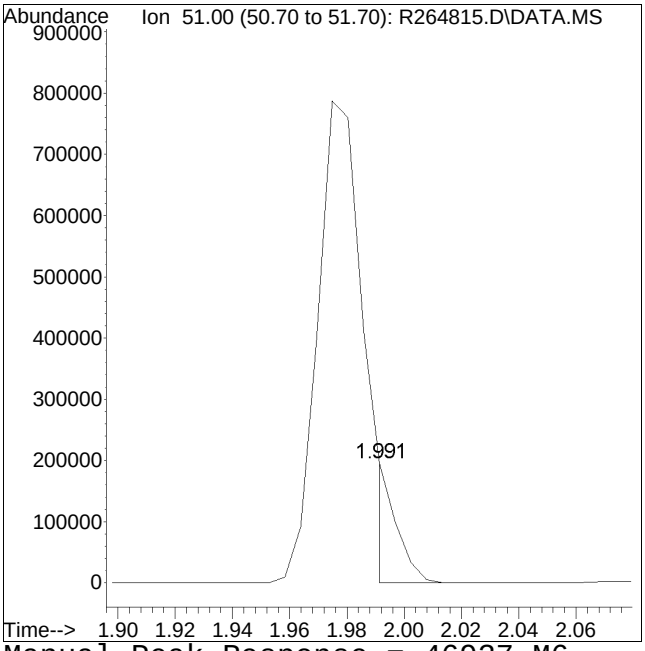
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264815.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 7:33 pm Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 7/10/2025 8:14 am

Compound #2: chlorodifluoromethane



Original Peak Response = 920333



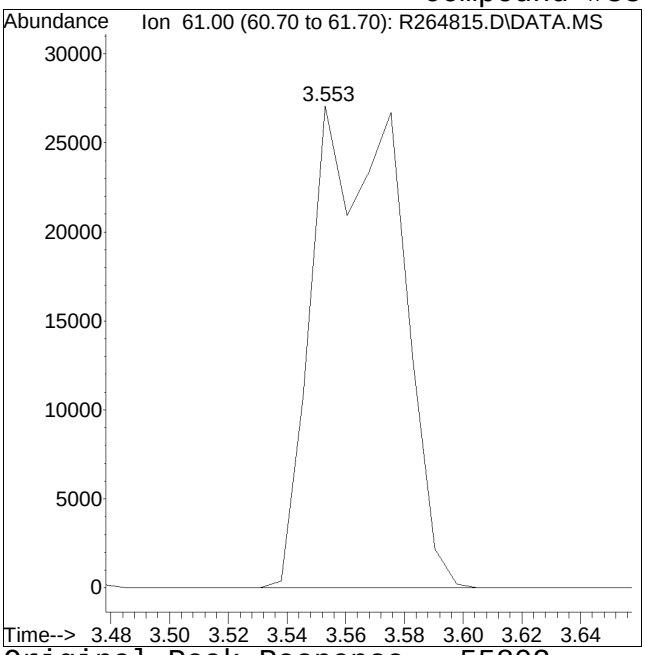
Manual Peak Response = 46937 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

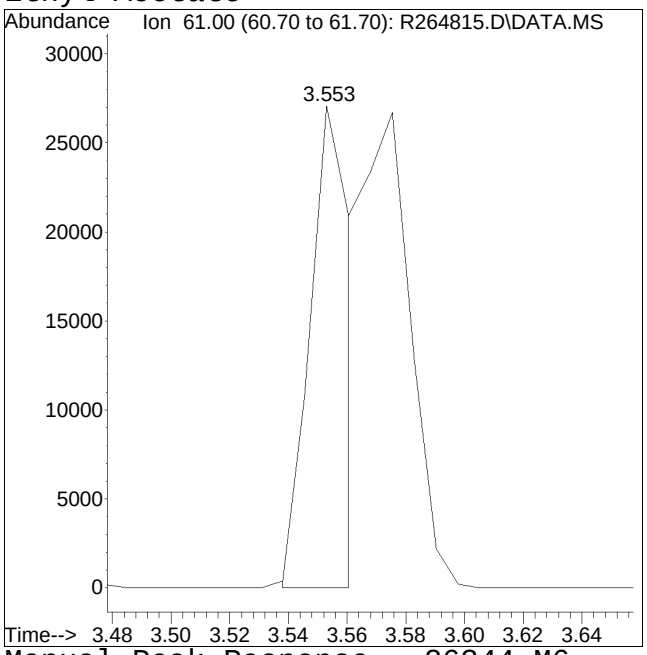
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264815.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 7:33 pm Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 7/10/2025 8:14 am

Compound #38: Ethyl Acetate



Original Peak Response = 55802



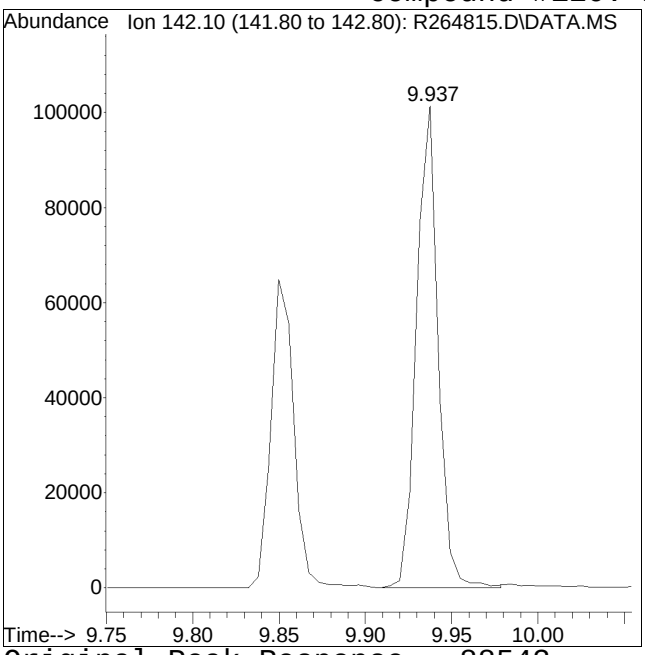
Manual Peak Response = 26344 M6

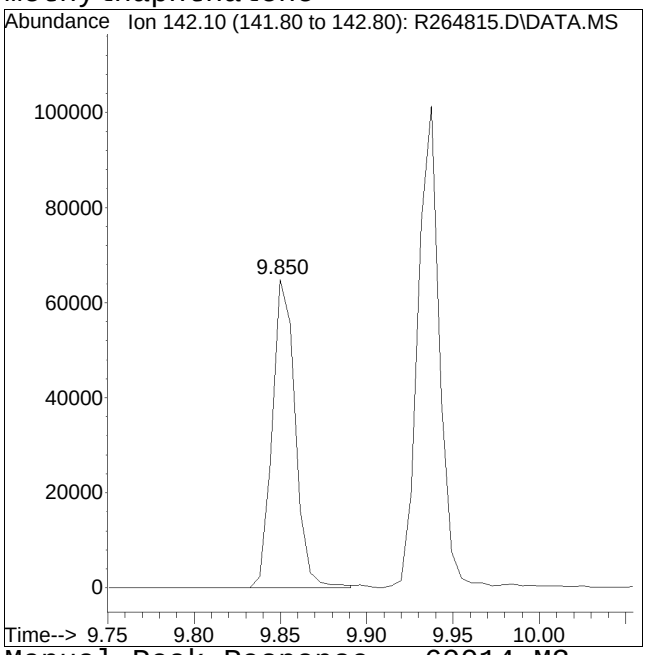
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264815.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 7:33 pm Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 7/10/2025 8:14 am

Compound #120: 2-methylnaphthalene





Original Peak Response = 88543 Manual Peak Response = 60014 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264816.D
Acq On : 09 Jul 2025 08:12 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD010
Misc : WG2089114
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 10 11:44:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 10:09:50 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	243909	10.000	ppbV	0.00
Standard Area = 243909			Recovery = 100.00%			
43) 1,4-difluorobenzene	4.365	114	791451	10.000	ppbV	0.00
Standard Area = 791451			Recovery = 100.00%			
67) chlorobenzene-D5	6.449	54	131085	10.000	ppbV	0.00
Standard Area = 131085			Recovery = 100.00%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.819	65	219350	9.668	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.68%			
69) toluene-D8	5.541	98	694119	10.083	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.83%			
90) bromofluorobenzene	7.214	95	396564	10.120	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.20%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.991	51	81186M6	8.463	ppbV	
3) propylene	2.002	41	113513	9.308	ppbV	100
4) propane	2.008	29	73781	9.660	ppbV	100
5) dichlorodifluoromethane	2.024	85	463124	9.842	ppbV	100
6) chloromethane	2.074	50	140597	9.637	ppbV	100
7) Freon-114	2.107	85	484078	9.886	ppbV	100
8) methanol	2.123	31	185327M6	36.895	ppbV	
9) vinyl chloride	2.145	62	170388	9.812	ppbV	100
10) 1,3-butadiene	2.189	54	110362	9.197	ppbV	100
11) butane	2.206	43	220130	9.792	ppbV	100
12) acetaldehyde	2.112	29	422936	49.190	ppbV	100
13) bromomethane	2.272	94	166658	9.551	ppbV	100
14) chloroethane	2.326	64	95402	9.591	ppbV	100
15) ethanol	2.359	31	506411	49.958	ppbV	100
16) dichlorofluoromethane	2.354	67	437382	9.620	ppbV	100
17) vinyl bromide	2.438	106	169070	9.589	ppbV	100
18) acrolein	2.466	56	84677	10.004	ppbV	100
19) acetone	2.500	43	1130677	48.398	ppbV	100
20) acetonitrile	2.432	41	136568	8.789	ppbV	100
21) trichlorofluoromethane	2.557	101	491723	10.024	ppbV	100
22) isopropyl alcohol	2.568	45	639188	23.417	ppbV	100
23) acrylonitrile	2.630	53	153579	9.479	ppbV	100
24) pentane	2.653	43	356715	9.863	ppbV	100

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264816.D
Acq On : 09 Jul 2025 08:12 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD010
Misc : WG2089114
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 10 11:44:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 10:09:50 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	2.658	31	161730	9.004	ppbV	100
26) 1,1-dichloroethene	2.732	61	356365	10.574	ppbV	100
27) tertiary butyl alcohol	2.736	59	447049	10.166	ppbV	100
28) methylene chloride	2.760	49	202409	9.917	ppbV	100
29) 3-chloropropene	2.798	41	204875	9.437	ppbV	100
30) carbon disulfide	2.851	76	479751	9.702	ppbV	100
31) Freon 113	2.846	101	375186	10.058	ppbV	100
32) trans-1,2-dichloroethene	3.062	61	263369	9.737	ppbV	100
33) 1,1-dichloroethane	3.133	63	356003	9.874	ppbV	100
34) MTBE	3.160	73	522106	9.883	ppbV	100
35) vinyl acetate	3.195	43	429627	9.631	ppbV	100
36) 2-butanone	3.279	43	359105	10.311	ppbV	100
37) cis-1,2-dichloroethene	3.449	61	268349	9.854	ppbV	100
38) Ethyl Acetate	3.553	61	68622M6	9.159	ppbV	
39) chloroform	3.568	83	427749	10.055	ppbV	100
40) Tetrahydrofuran	3.732	42	196625M6	11.269	ppbV	
41) 2,2-dichloropropane	3.576	77	382035	10.157	ppbV	100
42) 1,2-dichloroethane	3.868	62	279237	9.867	ppbV	100
44) hexane	3.546	57	263087	9.314	ppbV	100
45) diisopropyl ether	3.553	87	222199	10.021	ppbV	100
46) tert-butyl ethyl ether	3.779	59	632575	9.392	ppbV	100
48) 1,1,1-trichloroethane	3.982	97	438229	9.887	ppbV	100
49) 1,1-dichloropropene	4.130	75	383140	10.746	ppbV	100
50) benzene	4.186	78	637552	10.072	ppbV	100
51) thiophene	4.234	84	681290	12.003	ppbV	100
52) carbon tetrachloride	4.252	117	444124	9.866	ppbV	100
53) cyclohexane	4.309	56	276067	9.509	ppbV	100
54) tert-amyl methyl ether	4.488	73	625887	10.165	ppbV	100
55) dibromomethane	4.545	93	260647	9.914	ppbV	100
56) 1,2-dichloropropane	4.563	63	223351	10.069	ppbV	100
57) bromodichloromethane	4.658	83	432545	9.759	ppbV	100
58) 1,4-dioxane	4.686	88	115591	9.139	ppbV	100
59) trichloroethene	4.686	130	307005	10.145	ppbV	100
60) 2,2,4-trimethylpentane	4.724	57	867471	9.821	ppbV	100
61) methyl methacrylate	4.818	41	245679	9.946	ppbV	100
62) heptane	4.865	43	277956	9.108	ppbV	100
63) cis-1,3-dichloropropene	5.110	75	356047	10.167	ppbV	100
64) 4-methyl-2-pentanone	5.142	43	383108	9.735	ppbV	100
65) trans-1,3-dichloropropene	5.382	75	293762	10.097	ppbV	100
66) 1,1,2-trichloroethane	5.453	97	276133	9.920	ppbV	100

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264816.D
Acq On : 09 Jul 2025 08:12 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD010
Misc : WG2089114
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 10 11:44:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 10:09:50 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	5.589	91	798675	10.133	ppbV	100
70) 2-methylthiophene	5.613	97	971157	12.602	ppbV	100
71) 1,3-dichloropropane	5.605	76	389544	10.283	ppbV	100
72) 2-hexanone	5.749	43	367105	9.956	ppbV	100
73) 3-methylthiophene	5.701	97	994473	12.444	ppbV	100
74) dibromochloromethane	5.781	129	443555	10.074	ppbV	100
75) 1,2-dibromoethane	5.900	107	428441	10.207	ppbV	100
76) butyl acetate	6.092	73	105759	10.227	ppbV	100
77) octane	6.132	85	262424	10.237	ppbV	100
78) tetrachloroethene	6.148	166	377370	10.144	ppbV	100
79) 1,1,1,2-tetrachloroethane	6.471	131	339946	10.195	ppbV	100
80) chlorobenzene	6.471	112	632640	10.133	ppbV	100
81) ethylbenzene	6.673	91	1054033	10.327	ppbV	100
82) 2-ethylthiophene	6.689	97	1196533	12.565	ppbV	100
83) m+p-xylene	6.766	91	1681717	19.999	ppbV	100
84) bromoform	6.766	173	408977	10.123	ppbV	100
85) styrene	6.940	104	621428	10.239	ppbV	100
86) 1,1,2,2-tetrachloroethane	6.987	83	593576	10.117	ppbV	100
87) o-xylene	6.992	91	808012	10.108	ppbV	100
88) 1,2,3-trichloropropane	7.051	75	459725	10.234	ppbV	100
89) nonane	7.155	43	466104	10.283	ppbV	100
91) isopropylbenzene	7.295	105	1158845	10.605	ppbV	100
92) bromobenzene	7.307	77	632332M6	8.829	ppbV	
93) 2-chlorotoluene	7.523	126	304277	10.467	ppbV	100
94) n-propylbenzene	7.555	120	329897	10.367	ppbV	100
95) 4-chlorotoluene	7.563	126	306562	10.414	ppbV	100
96) 4-ethyl toluene	7.635	105	1058787	10.203	ppbV	100
97) 1,3,5-trimethylbenzene	7.683	105	931276	10.142	ppbV	100
98) tert-butylbenzene	7.891	119	1073408	10.682	ppbV	100
99) 1,2,4-trimethylbenzene	7.899	105	984398	10.518	ppbV	100
100) decane	8.002	57	596411	10.256	ppbV	100
101) Benzyl Chloride	7.954	91	786176	9.965	ppbV	100
102) 1,3-dichlorobenzene	7.954	146	678076	10.396	ppbV	100
103) 1,4-dichlorobenzene	7.994	146	673650	10.333	ppbV	100
104) sec-butylbenzene	8.042	105	1472135	10.792	ppbV	100
105) 1,2,3-trimethylbenzene	8.122	105	1056383	10.417	ppbV	100
106) p-isopropyltoluene	8.146	119	1354680	10.654	ppbV	100
107) 1,2-dichlorobenzene	8.178	146	659331	10.307	ppbV	100
108) n-butylbenzene	8.386	91	1236760	10.776	ppbV	100
109) indan	8.226	117	879423	10.199	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264816.D
Acq On : 09 Jul 2025 08:12 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD010
Misc : WG2089114
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 10 11:44:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 10:09:50 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

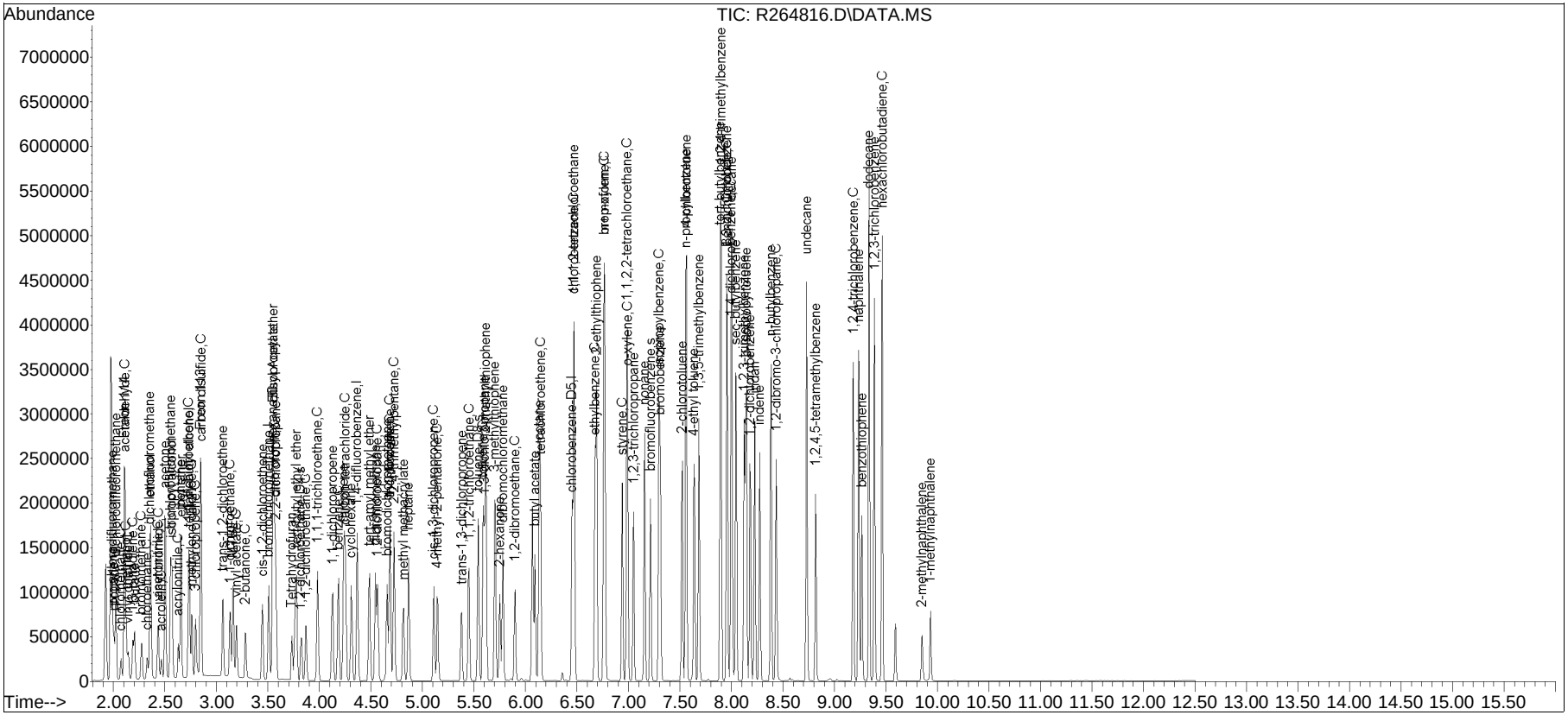
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.274	115	741065	10.211	ppbV	100
111) 1,2-dibromo-3-chloropr...	8.433	75	350943	10.492	ppbV	100
112) undecane	8.729	57	768327	10.699	ppbV	100
113) 1,2,4,5-tetramethylben...	8.817	119	617368	11.871	ppbV	100
114) dodecane	9.336	57	990252	12.233	ppbV	100
115) 1,2,4-trichlorobenzene	9.184	180	633899	10.626	ppbV	100
116) naphthalene	9.236	128	1650756	11.219	ppbV	100
117) 1,2,3-trichlorobenzene	9.388	180	710650	11.508	ppbV	100
118) benzothiophene	9.265	134	728535	11.363	ppbV	100
119) hexachlorobutadiene	9.464	225	495549	10.747	ppbV	100
120) 2-methylnaphthalene	9.850	142	135125	10.572	ppbV	100
121) 1-methylnaphthalene	9.932	142	193759	10.691	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed7\0709T_I\R264816.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264816.D
Acq On : 09 Jul 2025 08:12 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD010
Misc : WG2089114
ALS Vial : 7 Sample Multiplier: 1

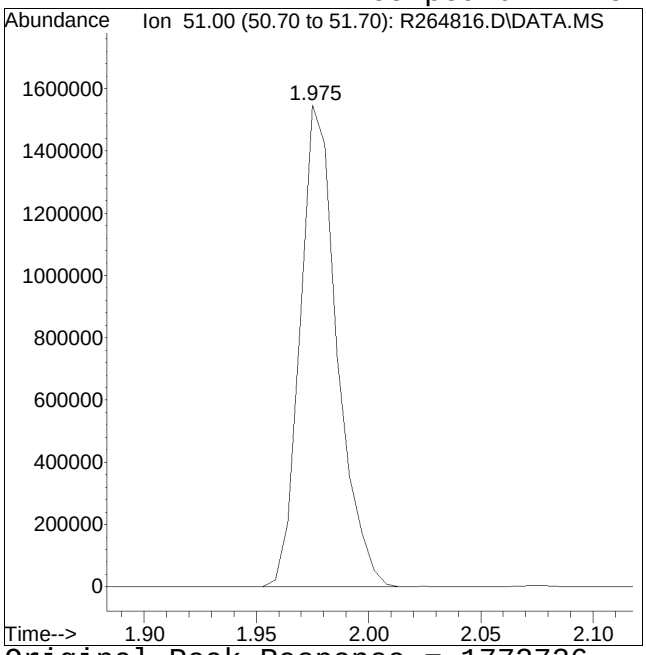
Quant Time: Jul 10 11:44:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 10:09:50 2025
Response via : Initial Calibration



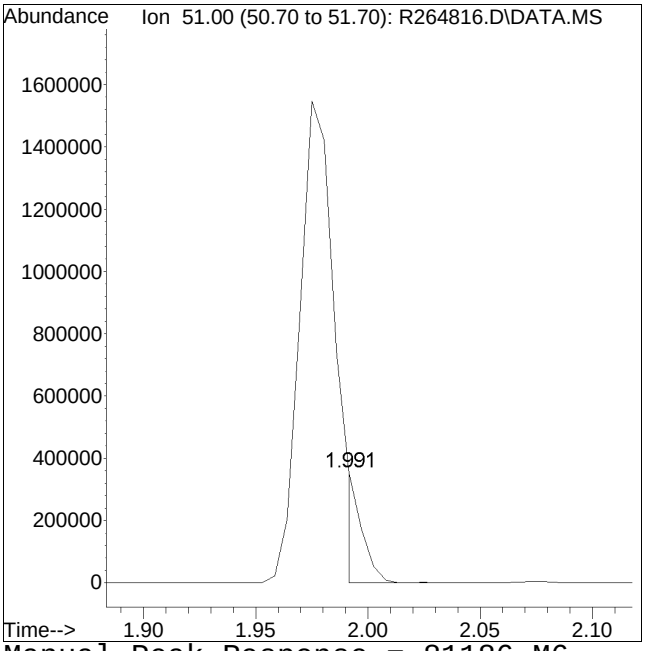
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264816.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 8:12 pm Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 7/10/2025 11:44 am

Compound #2: chlorodifluoromethane



Original Peak Response = 1772726



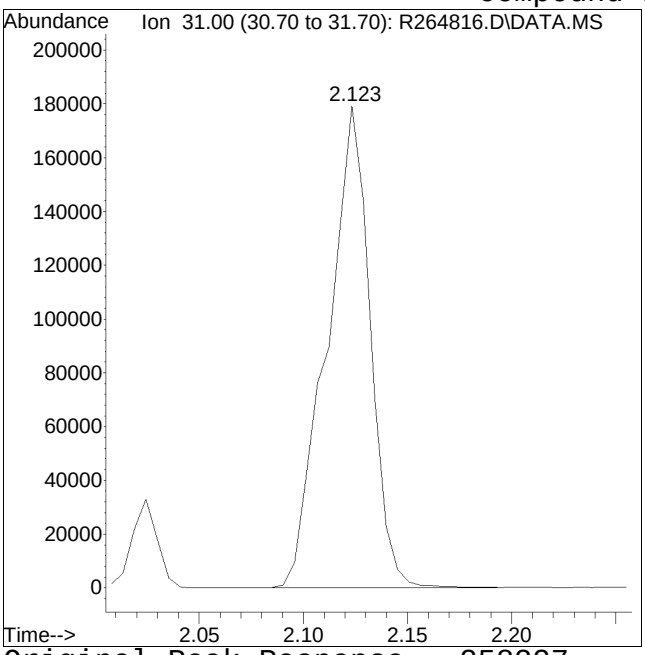
Manual Peak Response = 81186 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

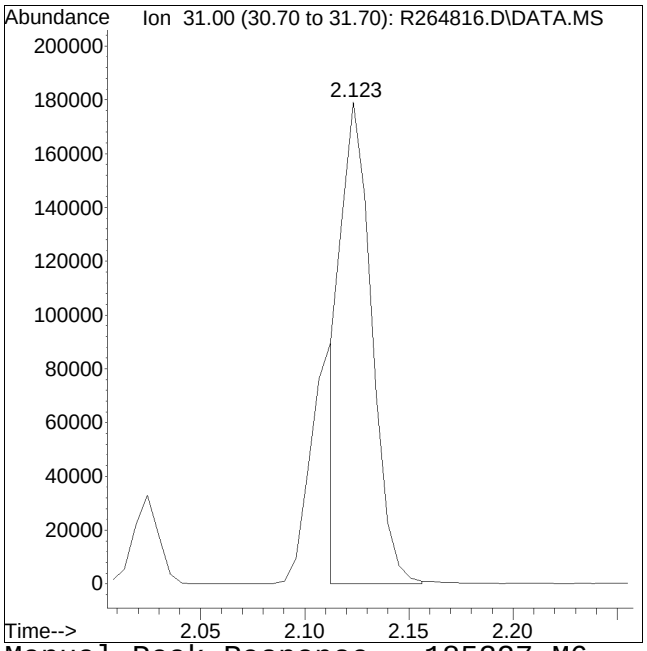
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264816.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 8:12 pm Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 7/10/2025 11:44 am

Compound #8: methanol



Original Peak Response = 258227



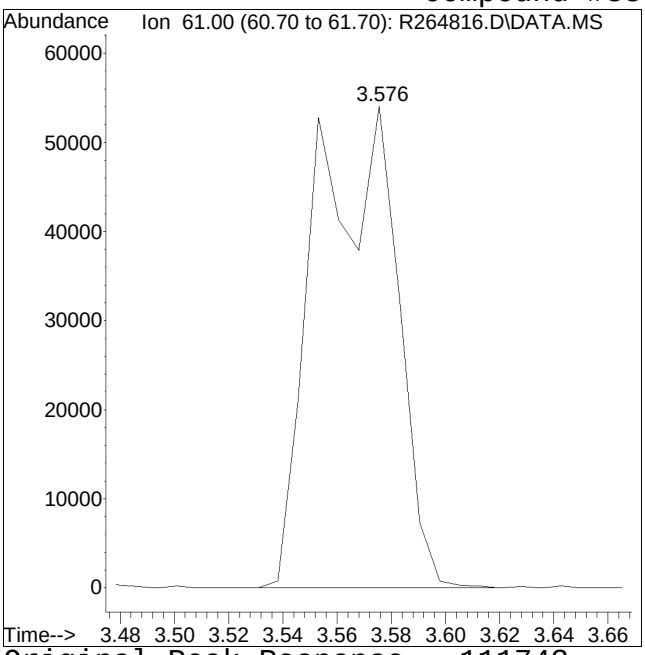
Manual Peak Response = 185327 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

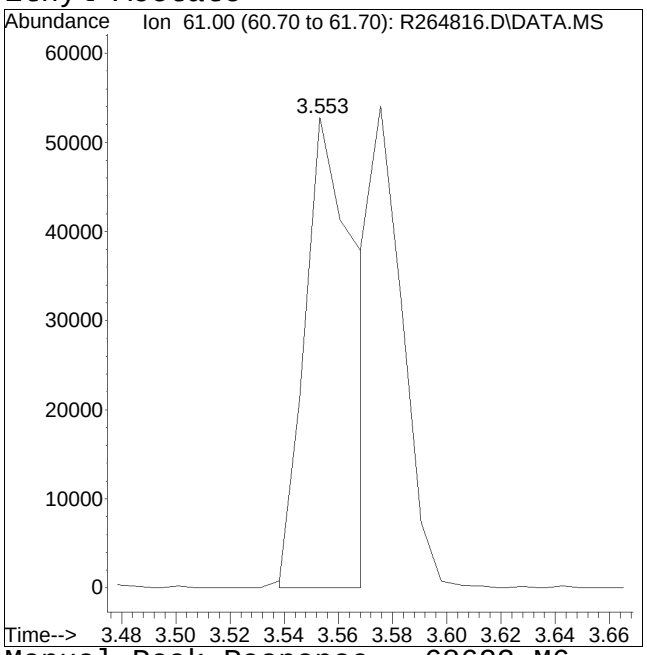
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264816.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 8:12 pm Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 7/10/2025 11:44 am

Compound #38: Ethyl Acetate



Original Peak Response = 111743



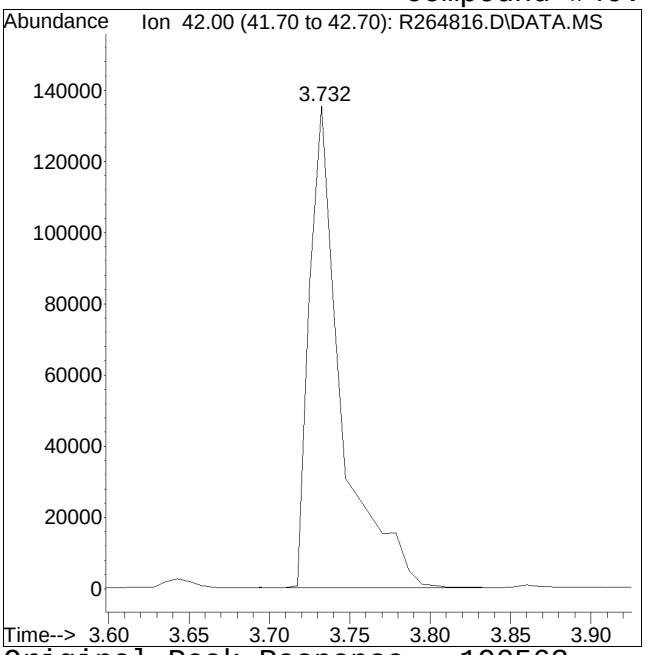
Manual Peak Response = 68622 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

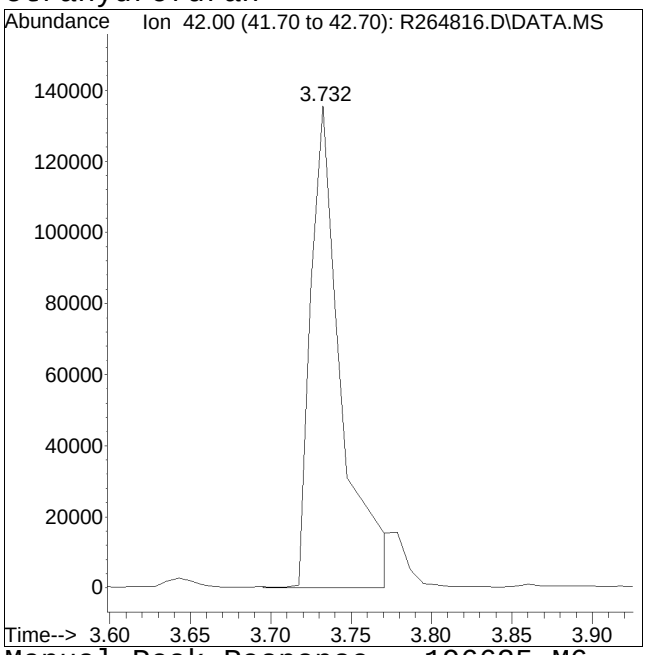
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264816.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 8:12 pm Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 7/10/2025 11:44 am

Compound #40: Tetrahydrofuran



Original Peak Response = 190563



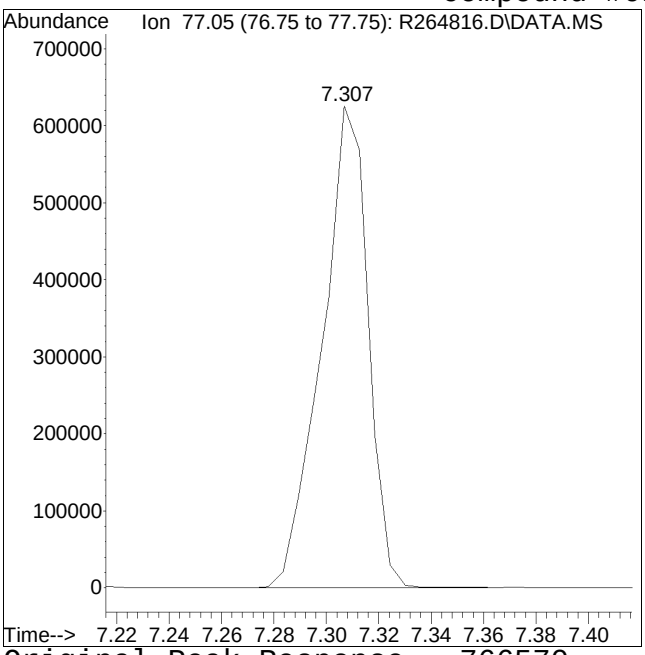
Manual Peak Response = 196625 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

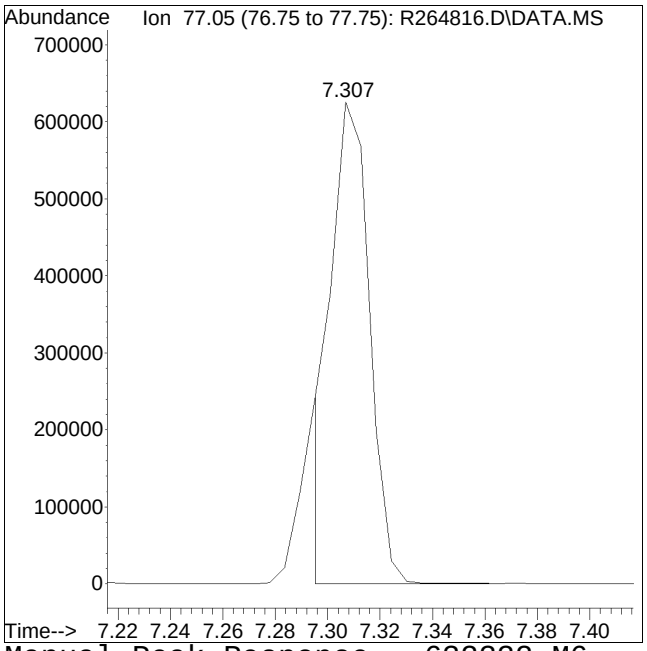
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264816.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 8:12 pm Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 7/10/2025 11:44 am

Compound #92: bromobenzene



Original Peak Response = 766570



Manual Peak Response = 632332 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264817.D
Acq On : 09 Jul 2025 08:48 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD020
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 10 08:14:30 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	240753	10.000	ppbV	0.00
Standard Area = 243909			Recovery =	98.71%		
43) 1,4-difluorobenzene	4.365	114	783394	10.000	ppbV	0.00
Standard Area = 791451			Recovery =	98.98%		
67) chlorobenzene-D5	6.455	54	130374	10.000	ppbV	0.00
Standard Area = 131085			Recovery =	99.46%		
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.827	65	214432	9.876	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.76%		
69) toluene-D8	5.541	98	677772	9.818	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.18%		
90) bromofluorobenzene	7.214	95	394355	9.999	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.99%		
Target Compounds						Qvalue
2) chlorodifluoromethane	1.997	51	147237M6	18.258	ppbV	
3) propylene	2.008	41	236103	21.072	ppbV	98
4) propane	2.013	29	149492	20.527	ppbV	96
5) dichlorodifluoromethane	2.030	85	927952	20.299	ppbV	100
6) chloromethane	2.079	50	279552	20.144	ppbV	100
7) Freon-114	2.112	85	967495	20.248	ppbV	99
8) methanol	2.129	31	518799	141.229	ppbV	95
9) vinyl chloride	2.151	62	343394	20.418	ppbV	100
10) 1,3-butadiene	2.195	54	234336	21.512	ppbV	96
11) butane	2.211	43	434509	19.997	ppbV	99
12) acetaldehyde	2.118	29	828474	99.227	ppbV	98
13) bromomethane	2.277	94	339062	20.611	ppbV	98
14) chloroethane	2.332	64	195408	20.751	ppbV	100
15) ethanol	2.365	31	1031059	103.135	ppbV	99
16) dichlorofluoromethane	2.359	67	891561	20.651	ppbV	100
17) vinyl bromide	2.437	106	348242	20.868	ppbV	99
18) acrolein	2.471	56	167819	20.079	ppbV	97
19) acetone	2.505	43	2347420	105.167	ppbV	98
20) acetonitrile	2.432	41	274508	20.364	ppbV	100
21) trichlorofluoromethane	2.556	101	986724	20.330	ppbV	99
22) isopropyl alcohol	2.568	45	1363417	54.025	ppbV	100
23) acrylonitrile	2.630	53	331906	21.895	ppbV	100
24) pentane	2.658	43	709571	20.153	ppbV	99

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264817.D
Acq On : 09 Jul 2025 08:48 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD020
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 10 08:14:30 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	2.658	31	316543	19.829	ppbV	97
26) 1,1-dichloroethene	2.731	61	711449	20.226	ppbV	98
27) tertiary butyl alcohol	2.741	59	894407	20.269	ppbV	99
28) methylene chloride	2.765	49	409872	20.515	ppbV	97
29) 3-chloropropene	2.798	41	423784	20.956	ppbV	99
30) carbon disulfide	2.851	76	992791	20.965	ppbV	97
31) Freon 113	2.851	101	749110	20.228	ppbV	97
32) trans-1,2-dichloroethene	3.062	61	547465	21.059	ppbV	97
33) 1,1-dichloroethane	3.133	63	716085	20.378	ppbV	100
34) MTBE	3.164	73	1075765	20.874	ppbV	99
35) vinyl acetate	3.195	43	918109	21.650	ppbV	99
36) 2-butanone	3.283	43	755245	21.307	ppbV	99
37) cis-1,2-dichloroethene	3.448	61	548285	20.700	ppbV	99
38) Ethyl Acetate	3.553	61	135022M6	19.833	ppbV	
39) chloroform	3.568	83	855438	20.261	ppbV	99
40) Tetrahydrofuran	3.732	42	406876M6	19.640	ppbV	
41) 2,2-dichloropropane	3.575	77	753863	19.992	ppbV	99
42) 1,2-dichloroethane	3.868	62	572612	20.775	ppbV	99
44) hexane	3.545	57	551136	21.164	ppbV	93
45) diisopropyl ether	3.553	87	444777	20.223	ppbV	95
46) tert-butyl ethyl ether	3.778	59	1304923	20.841	ppbV	100
48) 1,1,1-trichloroethane	3.982	97	894354	20.618	ppbV	99
49) 1,1-dichloropropene	4.130	75	758119	19.991	ppbV	100
50) benzene	4.186	78	1280319	20.288	ppbV	99
51) thiophene	4.243	84	1064831	15.790	ppbV	93
52) carbon tetrachloride	4.252	117	913365	20.777	ppbV	99
53) cyclohexane	4.309	56	569768	20.851	ppbV	99
54) tert-amyl methyl ether	4.488	73	1255320	20.263	ppbV	99
55) dibromomethane	4.544	93	523533	20.292	ppbV	99
56) 1,2-dichloropropane	4.563	63	449929	20.352	ppbV	98
57) bromodichloromethane	4.657	83	916934	21.417	ppbV	100
58) 1,4-dioxane	4.686	88	278812	24.369	ppbV	94
59) trichloroethene	4.686	130	607614	19.995	ppbV	98
60) 2,2,4-trimethylpentane	4.723	57	1790803	20.856	ppbV	99
61) methyl methacrylate	4.818	41	504797	20.758	ppbV	99
62) heptane	4.865	43	593599	21.576	ppbV	98
63) cis-1,3-dichloropropene	5.110	75	735160	20.860	ppbV	100
64) 4-methyl-2-pentanone	5.142	43	804510	21.216	ppbV	99
65) trans-1,3-dichloropropene	5.381	75	603387	20.751	ppbV	99
66) 1,1,2-trichloroethane	5.453	97	551900	20.192	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264817.D
Acq On : 09 Jul 2025 08:48 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD020
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 10 08:14:30 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	5.589	91	1596330	20.096	ppbV	99
70) 2-methylthiophene	5.621	97	1454791	15.062	ppbV	99
71) 1,3-dichloropropane	5.605	76	772848	19.948	ppbV	99
72) 2-hexanone	5.748	43	773787	21.193	ppbV	98
73) 3-methylthiophene	5.709	97	1526260	15.467	ppbV	98
74) dibromochloromethane	5.780	129	937567	21.253	ppbV	100
75) 1,2-dibromoethane	5.900	107	868881	20.391	ppbV	99
76) butyl acetate	6.092	73	211779	20.536	ppbV	99
77) octane	6.132	85	532145	20.389	ppbV	99
78) tetrachloroethene	6.148	166	745338	19.859	ppbV	97
79) 1,1,1,2-tetrachloroethane	6.471	131	690634	20.427	ppbV	99
80) chlorobenzene	6.476	112	1284623	20.416	ppbV	98
81) ethylbenzene	6.673	91	2095817	19.992	ppbV	98
82) 2-ethylthiophene	6.689	97	1826320	15.347	ppbV	99
83) m+p-xylene	6.766	91	3354621	40.113	ppbV	100
84) bromoform	6.766	173	870426	21.399	ppbV	99
85) styrene	6.940	104	1294572	20.946	ppbV	99
86) 1,1,2,2-tetrachloroethane	6.987	83	1221712	20.694	ppbV	100
87) o-xylene	6.992	91	1630101	20.284	ppbV	100
88) 1,2,3-trichloropropane	7.051	75	917977	20.077	ppbV	100
89) nonane	7.155	43	936288	20.197	ppbV	100
91) isopropylbenzene	7.295	105	2291481	19.882	ppbV	98
92) bromobenzene	7.307	77	1519286	30.586	ppbV	99
93) 2-chlorotoluene	7.523	126	594090	19.631	ppbV	100
94) n-propylbenzene	7.555	120	650629	19.830	ppbV	94
95) 4-chlorotoluene	7.563	126	605043	19.844	ppbV	97
96) 4-ethyl toluene	7.635	105	2187507	20.773	ppbV	100
97) 1,3,5-trimethylbenzene	7.683	105	1887435	20.378	ppbV	99
98) tert-butylbenzene	7.898	119	2087846	19.557	ppbV	99
99) 1,2,4-trimethylbenzene	7.898	105	1949227	19.909	ppbV	97
100) decane	8.002	57	1185936	19.993	ppbV	99
101) Benzyl Chloride	7.954	91	1778307	22.743	ppbV	100
102) 1,3-dichlorobenzene	7.954	146	1358004	20.137	ppbV	98
103) 1,4-dichlorobenzene	7.994	146	1359111	20.285	ppbV	98
104) sec-butylbenzene	8.042	105	2855457	19.502	ppbV	99
105) 1,2,3-trimethylbenzene	8.122	105	2139873	20.367	ppbV	99
106) p-isopropyltoluene	8.146	119	2681788	19.904	ppbV	99
107) 1,2-dichlorobenzene	8.186	146	1324672	20.201	ppbV	94
108) n-butylbenzene	8.385	91	2444111	19.870	ppbV	98
109) indan	8.226	117	1822055	20.832	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264817.D
Acq On : 09 Jul 2025 08:48 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD020
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 10 08:14:30 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

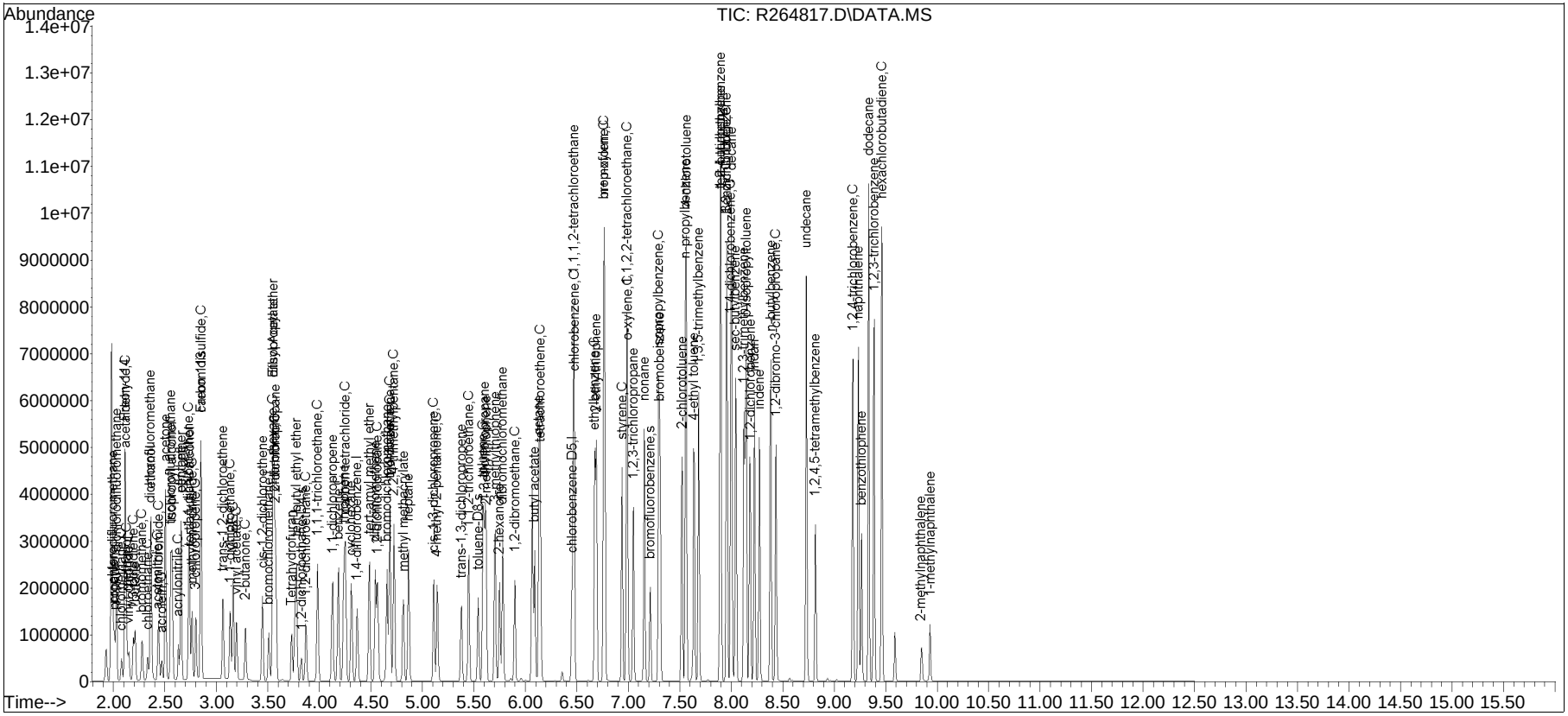
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.274	115	1543139	20.937	ppbV	99
111) 1,2-dibromo-3-chloropr...	8.433	75	708350	20.294	ppbV	97
112) undecane	8.729	57	1515921	19.838	ppbV	99
113) 1,2,4,5-tetramethylben...	8.816	119	995191	16.208	ppbV	99
114) dodecane	9.335	57	1733407	17.600	ppbV	100
115) 1,2,4-trichlorobenzene	9.183	180	1230974	19.525	ppbV	98
116) naphthalene	9.236	128	3081415	18.768	ppbV	98
117) 1,2,3-trichlorobenzene	9.388	180	1287467	18.216	ppbV	98
118) benzothiophene	9.265	134	1210015	16.699	ppbV	99
119) hexachlorobutadiene	9.464	225	954066	19.358	ppbV	100
120) 2-methylnaphthalene	9.844	142	190099	14.145	ppbV	96
121) 1-methylnaphthalene	9.932	142	306450	15.902	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed7\0709T_I\R264816.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264817.D
Acq On : 09 Jul 2025 08:48 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD020
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

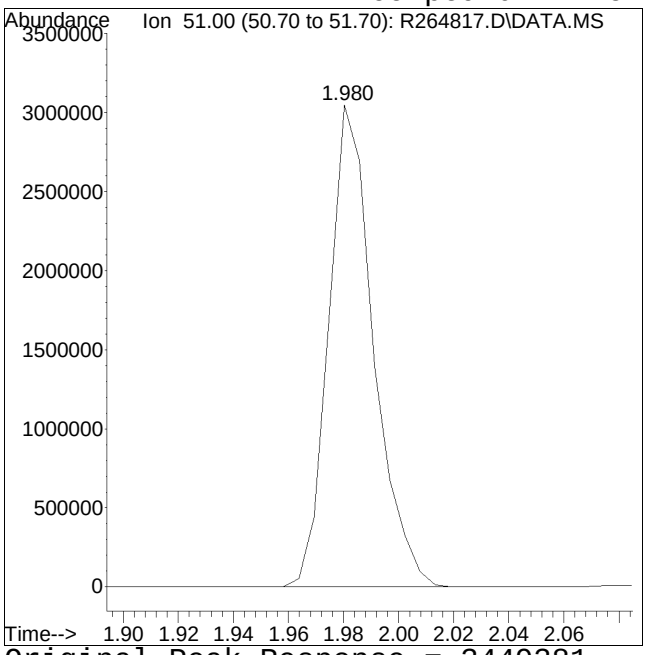
Quant Time: Jul 10 08:14:30 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration



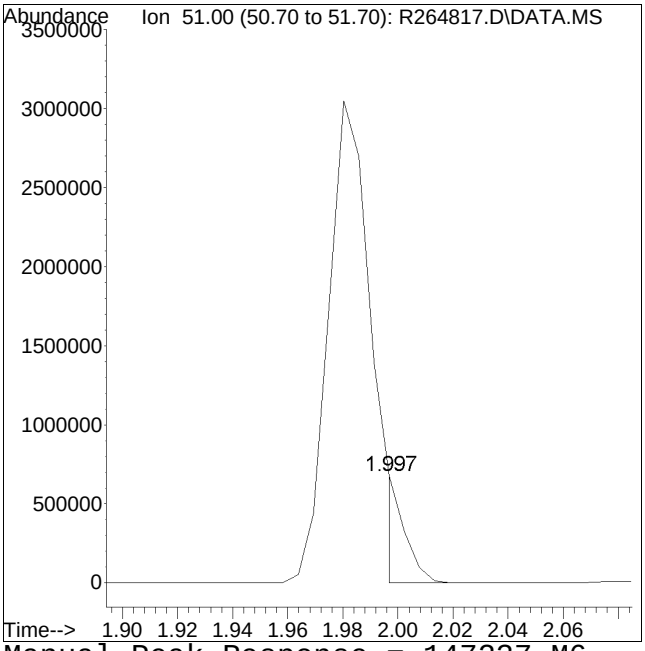
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264817.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 8:48 pm Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 7/10/2025 8:14 am

Compound #2: chlorodifluoromethane



Original Peak Response = 3449381



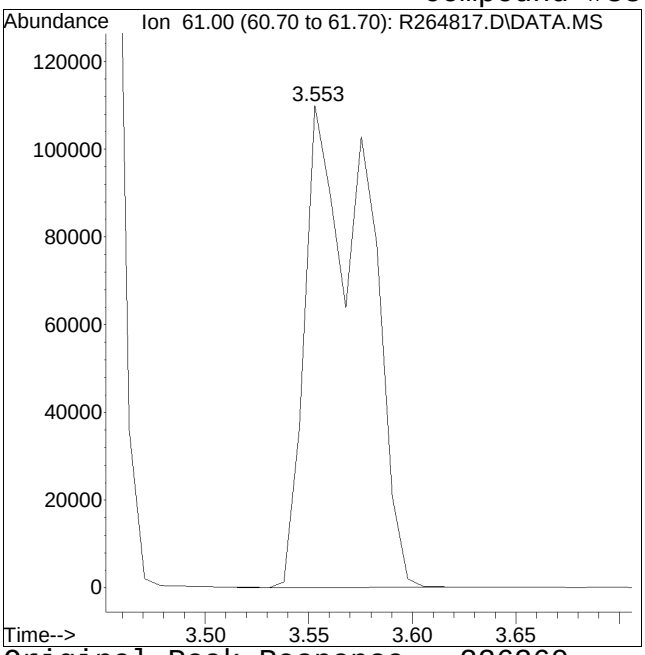
Manual Peak Response = 147237 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

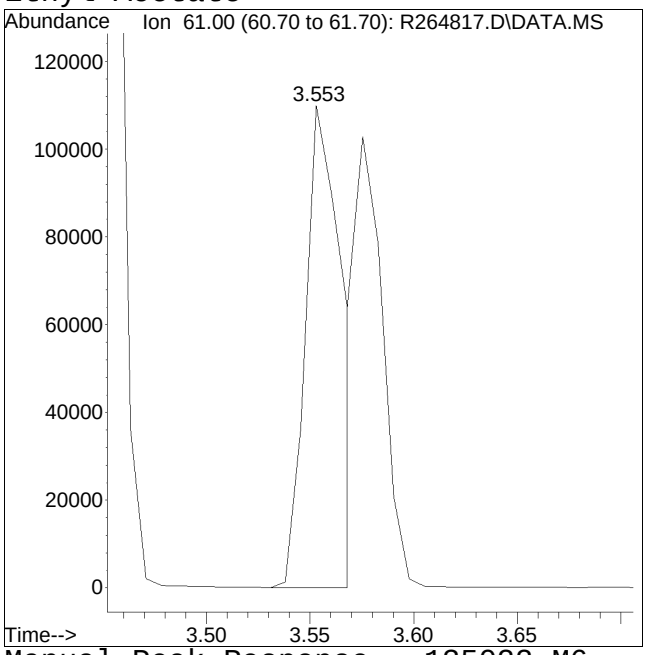
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264817.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 8:48 pm Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 7/10/2025 8:14 am

Compound #38: Ethyl Acetate



Original Peak Response = 226360



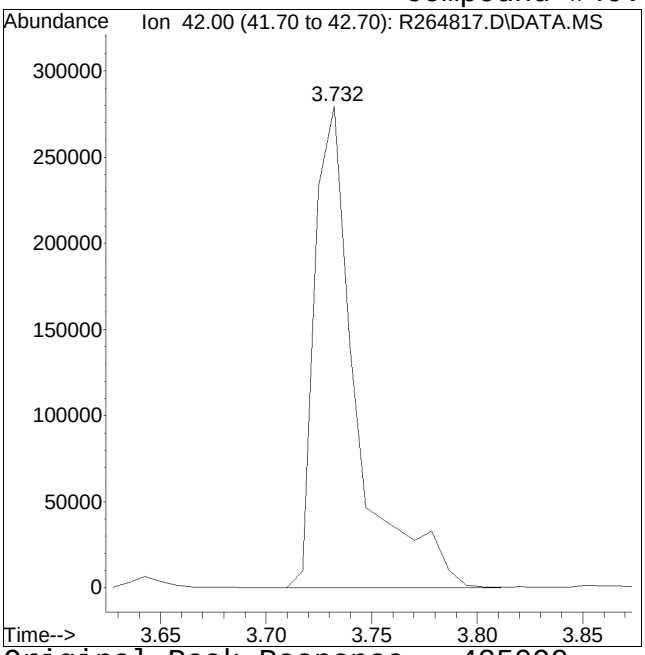
Manual Peak Response = 135022 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

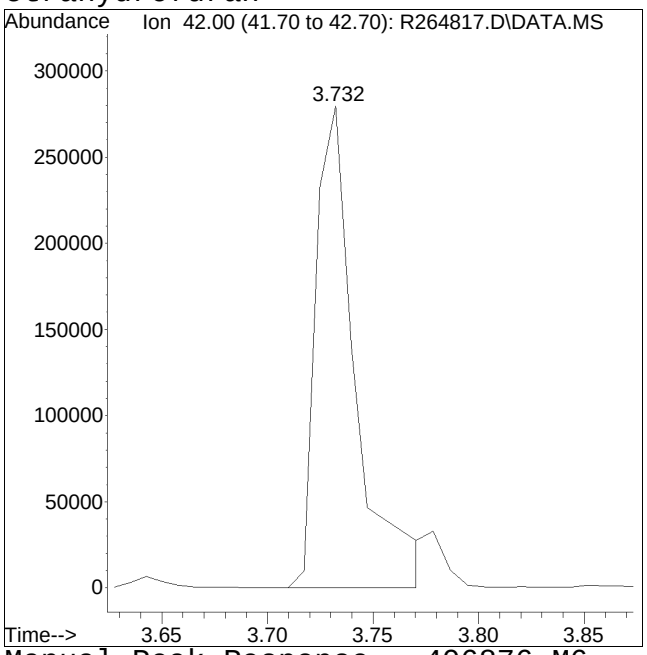
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264817.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 8:48 pm Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 7/10/2025 8:14 am

Compound #40: Tetrahydrofuran



Original Peak Response = 425099



Manual Peak Response = 406876 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264818.D
Acq On : 09 Jul 2025 09:25 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD050
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 10 08:14:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	244848	10.000	ppbV	0.00
Standard Area = 243909			Recovery = 100.38%			
43) 1,4-difluorobenzene	4.365	114	794104	10.000	ppbV	0.00
Standard Area = 791451			Recovery = 100.34%			
67) chlorobenzene-D5	6.455	54	134903	10.000	ppbV	0.00
Standard Area = 131085			Recovery = 102.91%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.827	65	249073	11.317	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.17%			
69) toluene-D8	5.541	98	688462	9.638	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.38%			
90) bromofluorobenzene	7.214	95	396562	9.717	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.17%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.991	51	379880M6	46.319	ppbV	
3) propylene	2.002	41	564432	49.533	ppbV	99
4) propane	2.008	29	357889	48.321	ppbV	97
5) dichlorodifluoromethane	2.024	85	2216605	47.678	ppbV	99
6) chloromethane	2.074	50	686236	48.622	ppbV	100
7) Freon-114	2.107	85	2323436	47.813	ppbV	99
8) methanol	2.123	31	1274094	341.036	ppbV	91
9) vinyl chloride	2.145	62	844007	49.344	ppbV	99
10) 1,3-butadiene	2.189	54	571927	51.624	ppbV	96
11) butane	2.206	43	1060791	48.004	ppbV	100
12) acetaldehyde	2.112	29	1989412	234.289	ppbV	98
13) bromomethane	2.271	94	828043	49.495	ppbV	98
14) chloroethane	2.326	64	476219	49.726	ppbV	99
15) ethanol	2.359	31	2524292	248.278	ppbV	97
16) dichlorofluoromethane	2.354	67	2132128	48.561	ppbV	100
17) vinyl bromide	2.437	106	841859	49.603	ppbV	100
18) acrolein	2.466	56	411172	48.371	ppbV	98
19) acetone	2.500	43	5413329	238.466	ppbV	95
20) acetonitrile	2.426	41	678037	49.458	ppbV	100
21) trichlorofluoromethane	2.556	101	2345406	47.515	ppbV	98
22) isopropyl alcohol	2.568	45	3261844	127.088	ppbV	99
23) acrylonitrile	2.630	53	796673	51.675	ppbV	99
24) pentane	2.653	43	1722320	48.098	ppbV	99

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264818.D
Acq On : 09 Jul 2025 09:25 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD050
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 10 08:14:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	2.653	31	878406	54.105	ppbV	96
26) 1,1-dichloroethene	2.727	61	1718556	48.040	ppbV	97
27) tertiary butyl alcohol	2.736	59	2142813	47.749	ppbV	100
28) methylene chloride	2.760	49	985611	48.507	ppbV	98
29) 3-chloropropene	2.798	41	1041203	50.626	ppbV	99
30) carbon disulfide	2.851	76	2356544	48.932	ppbV	95
31) Freon 113	2.846	101	1754276	46.578	ppbV	99
32) trans-1,2-dichloroethene	3.062	61	1329850	50.300	ppbV	99
33) 1,1-dichloroethane	3.133	63	1728487	48.366	ppbV	99
34) MTBE	3.160	73	2568553	49.007	ppbV	99
35) vinyl acetate	3.195	43	2246661	52.093	ppbV	98
36) 2-butanone	3.279	43	1610433	44.674	ppbV	99
37) cis-1,2-dichloroethene	3.448	61	1337590	49.654	ppbV	99
38) Ethyl Acetate	3.553	61	342938M6	49.531	ppbV	
39) chloroform	3.568	83	2059208	47.956	ppbV	98
40) Tetrahydrofuran	3.725	42	802000M6	38.066	ppbV	
41) 2,2-dichloropropane	3.575	77	1859296	48.482	ppbV	99
42) 1,2-dichloroethane	3.868	62	1407413	50.209	ppbV	99
44) hexane	3.546	57	1337436	50.666	ppbV	98
45) diisopropyl ether	3.553	87	1078181	48.361	ppbV	96
46) tert-butyl ethyl ether	3.770	59	2966247	46.735	ppbV	98
48) 1,1,1-trichloroethane	3.982	97	2200829	50.053	ppbV	99
49) 1,1-dichloropropene	4.130	75	1870714	48.663	ppbV	99
50) benzene	4.186	78	3079326	48.138	ppbV	97
51) thiophene	4.243	84	2590691	37.899	ppbV	93
52) carbon tetrachloride	4.252	117	2222248	49.869	ppbV	99
53) cyclohexane	4.309	56	1386820	50.067	ppbV	99
54) tert-amyl methyl ether	4.488	73	3023620	48.148	ppbV	97
55) dibromomethane	4.544	93	1287035	49.214	ppbV	98
56) 1,2-dichloropropane	4.563	63	1092985	48.772	ppbV	97
57) bromodichloromethane	4.658	83	2219183	51.134	ppbV	100
58) 1,4-dioxane	4.686	88	687490	59.277	ppbV	94
59) trichloroethene	4.686	130	1476718	47.940	ppbV	97
60) 2,2,4-trimethylpentane	4.724	57	4285791	49.241	ppbV	97
61) methyl methacrylate	4.818	41	1259521	51.096	ppbV	98
62) heptane	4.865	43	1441636	51.692	ppbV	99
63) cis-1,3-dichloropropene	5.110	75	1810640	50.684	ppbV	98
64) 4-methyl-2-pentanone	5.142	43	1960984	51.015	ppbV	98
65) trans-1,3-dichloropropene	5.381	75	1509716	51.221	ppbV	99
66) 1,1,2-trichloroethane	5.453	97	1350383	48.740	ppbV	97

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264818.D
Acq On : 09 Jul 2025 09:25 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD050
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 10 08:14:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.589	91	3832486	46.627	ppbV		98
70) 2-methylthiophene	5.621	97	3483071	34.850	ppbV		99
71) 1,3-dichloropropane	5.605	76	1859088	46.374	ppbV		97
72) 2-hexanone	5.749	43	1926030	50.981	ppbV		98
73) 3-methylthiophene	5.709	97	3648643	35.735	ppbV		97
74) dibromochloromethane	5.780	129	2303712	50.468	ppbV		99
75) 1,2-dibromoethane	5.900	107	2133014	48.376	ppbV		99
76) butyl acetate	6.092	73	527186	49.405	ppbV		94
77) octane	6.132	85	1288233	47.700	ppbV		100
78) tetrachloroethene	6.148	166	1844615	47.497	ppbV		95
79) 1,1,1,2-tetrachloroethane	6.471	131	1670681	47.755	ppbV		98
80) chlorobenzene	6.476	112	3080605	47.316	ppbV		99
81) ethylbenzene	6.678	91	4976605	45.879	ppbV		96
82) 2-ethylthiophene	6.695	97	4266028	34.644	ppbV		97
83) m+p-xylene	6.771	91	7800638	90.144	ppbV		95
84) bromoform	6.766	173	2131171	50.635	ppbV		99
85) styrene	6.940	104	3093400	48.370	ppbV		98
86) 1,1,2,2-tetrachloroethane	6.987	83	2919282	47.789	ppbV		99
87) o-xylene	6.992	91	3901243	46.916	ppbV		98
88) 1,2,3-trichloropropane	7.051	75	2255343	47.670	ppbV		100
89) nonane	7.155	43	2282015	47.574	ppbV		100
91) isopropylbenzene	7.295	105	5322799	44.632	ppbV		96
92) bromobenzene	7.313	77	3689338	71.780	ppbV		89
93) 2-chlorotoluene	7.523	126	1465663	46.805	ppbV		96
94) n-propylbenzene	7.563	120	1580438	46.551	ppbV		68
95) 4-chlorotoluene	7.563	126	1448856	45.924	ppbV		70
96) 4-ethyl toluene	7.643	105	5235119	48.045	ppbV		96
97) 1,3,5-trimethylbenzene	7.683	105	4539296	47.363	ppbV		98
98) tert-butylbenzene	7.898	119	4852580	43.928	ppbV		97
99) 1,2,4-trimethylbenzene	7.898	105	4570459	45.115	ppbV	#	87
100) decane	8.002	57	2913292	47.465	ppbV		100
101) Benzyl Chloride	7.954	91	4379112	54.125	ppbV		100
102) 1,3-dichlorobenzene	7.962	146	3213783	46.054	ppbV		99
103) 1,4-dichlorobenzene	8.002	146	3293529	47.507	ppbV		99
104) sec-butylbenzene	8.050	105	6708572	44.281	ppbV		92
105) 1,2,3-trimethylbenzene	8.130	105	5087892	46.800	ppbV		96
106) p-isopropyltoluene	8.146	119	6238662	44.749	ppbV		94
107) 1,2-dichlorobenzene	8.186	146	3212711	47.348	ppbV		100
108) n-butylbenzene	8.385	91	5610424	44.080	ppbV		96
109) indan	8.226	117	4280712	47.299	ppbV		96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264818.D
Acq On : 09 Jul 2025 09:25 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD050
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 10 08:14:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

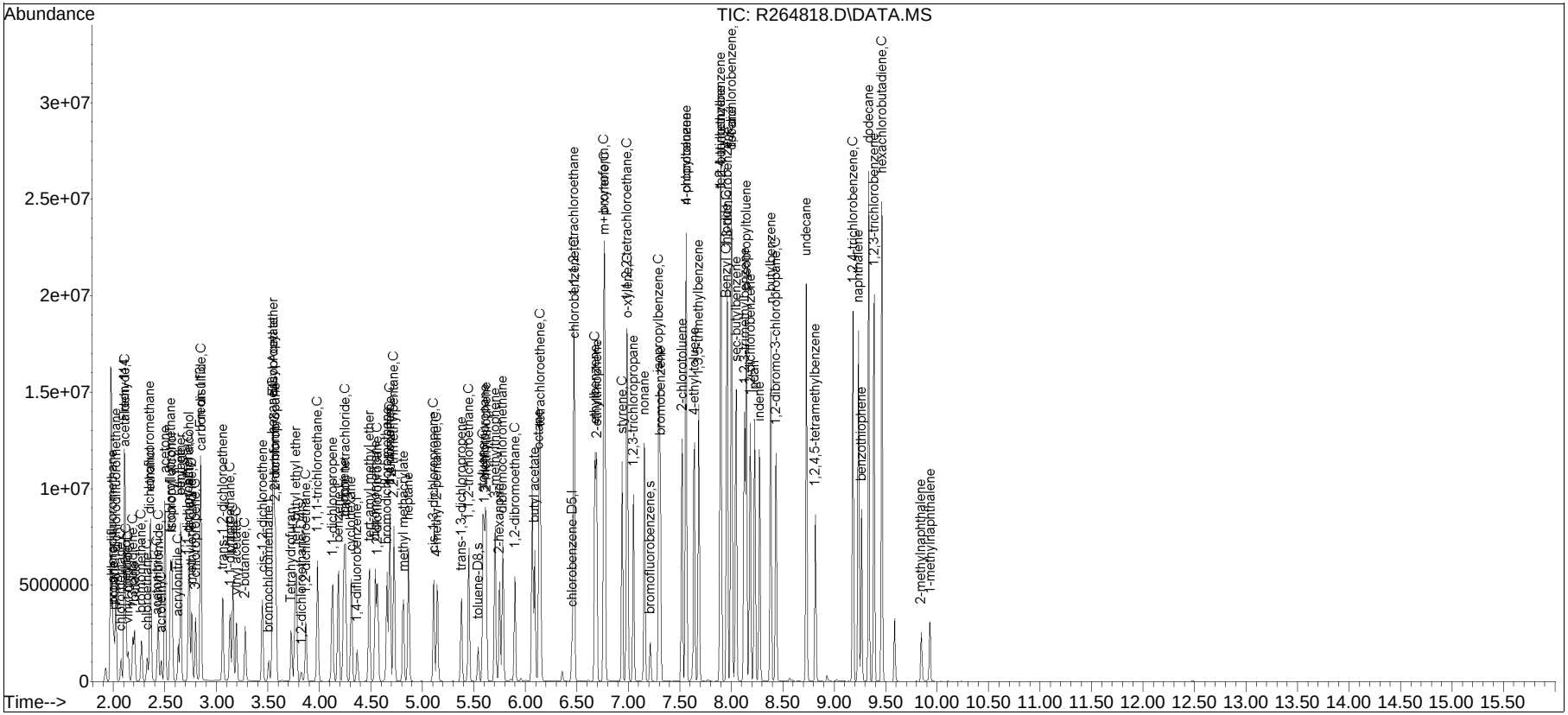
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	8.274	115	3736257	48.990	ppbV		99
111) 1,2-dibromo-3-chloropr...	8.433	75	1785475	49.437	ppbV		99
112) undecane	8.729	57	3617822	45.754	ppbV		97
113) 1,2,4,5-tetramethylben...	8.816	119	2535433	39.906	ppbV		99
114) dodecane	9.335	57	4249074	41.695	ppbV		99
115) 1,2,4-trichlorobenzene	9.183	180	3175684	48.680	ppbV		93
116) naphthalene	9.236	128	7281380	42.861	ppbV	#	93
117) 1,2,3-trichlorobenzene	9.388	180	3286267	44.934	ppbV		96
118) benzothiophene	9.265	134	3206484	42.767	ppbV		97
119) hexachlorobutadiene	9.464	225	2391697	46.898	ppbV		97
120) 2-methylnaphthalene	9.844	142	603296	43.384	ppbV		97
121) 1-methylnaphthalene	9.932	142	862999	43.279	ppbV		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed7\0709T_I\R264816.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264818.D
Acq On : 09 Jul 2025 09:25 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD050
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

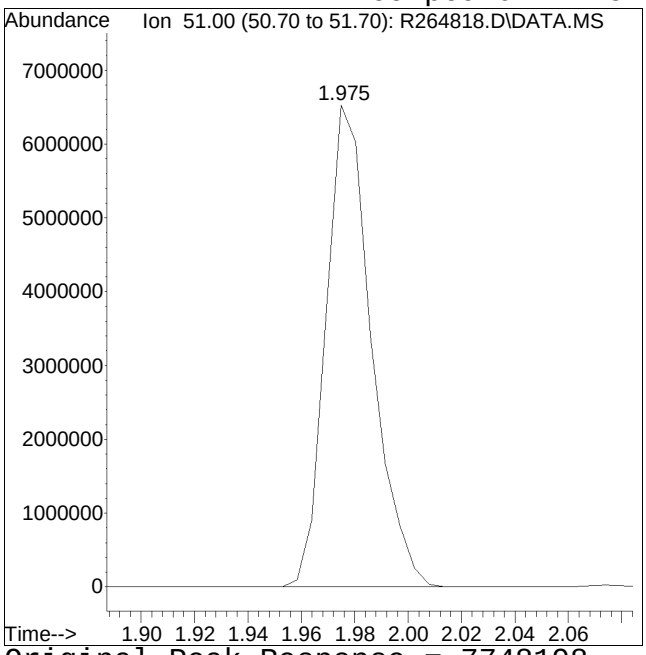
Quant Time: Jul 10 08:14:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration



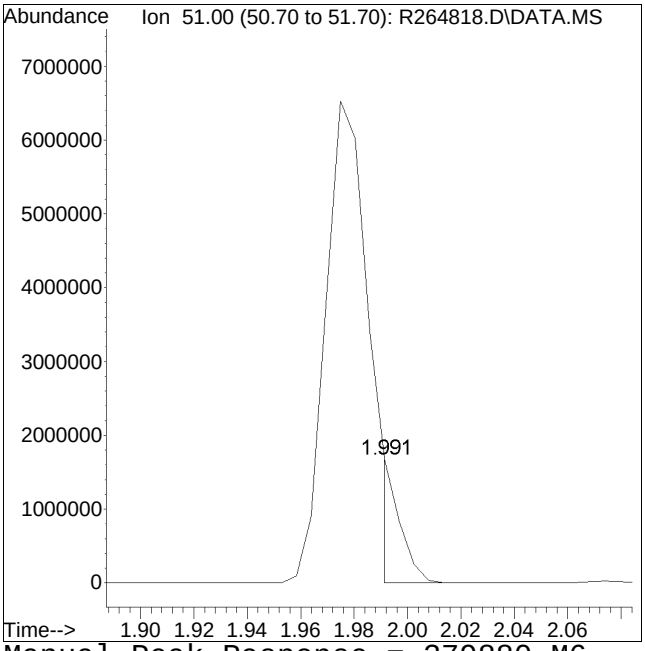
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264818.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 9:25 pm Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 7/10/2025 8:14 am

Compound #2: chlorodifluoromethane



Original Peak Response = 7748198



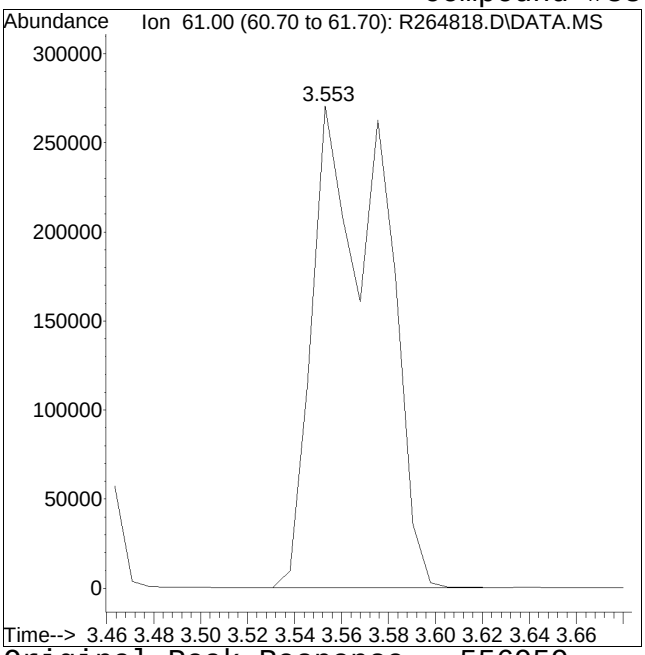
Manual Peak Response = 379880 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

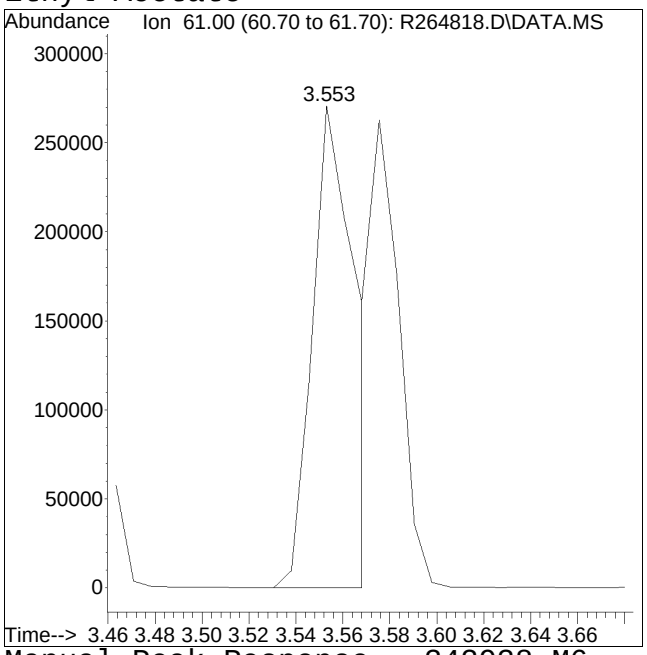
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264818.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 9:25 pm Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 7/10/2025 8:14 am

Compound #38: Ethyl Acetate



Original Peak Response = 556959



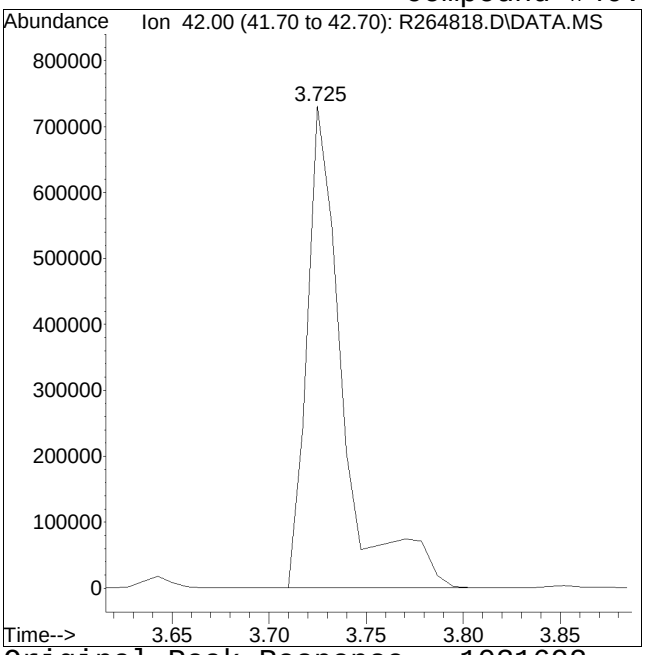
Manual Peak Response = 342938 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

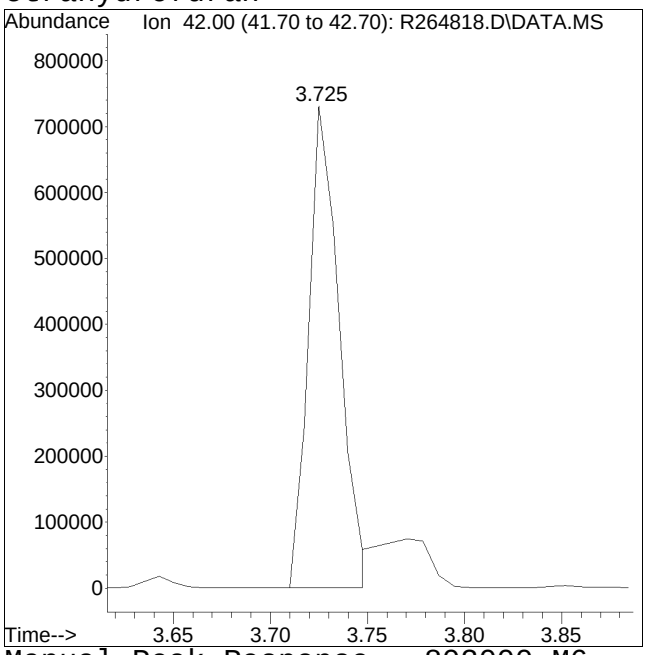
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264818.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 9:25 pm Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 7/10/2025 8:14 am

Compound #40: Tetrahydrofuran



Original Peak Response = 1031692



Manual Peak Response = 802000 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264819.D
Acq On : 09 Jul 2025 10:05 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD100
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 10 08:14:47 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	251414	10.000	ppbV	0.00
Standard Area = 243909			Recovery = 103.08%			
43) 1,4-difluorobenzene	4.365	114	800796	10.000	ppbV	0.00
Standard Area = 791451			Recovery = 101.18%			
67) chlorobenzene-D5	6.455	54	139250	10.000	ppbV	0.00
Standard Area = 131085			Recovery = 106.23%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.827	65	252529	11.378	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.78%			
69) toluene-D8	5.541	98	709292	9.619	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.19%			
90) bromofluorobenzene	7.214	95	418458	9.933	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.33%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.997	51	909889M6	108.045	ppbV	
3) propylene	2.008	41	1139639	97.400	ppbV	98
4) propane	2.019	29	725629	95.413	ppbV #	74
5) dichlorodifluoromethane	2.030	85	4358228	91.296	ppbV	95
6) chloromethane	2.079	50	1383913	95.493	ppbV	100
7) Freon-114	2.112	85	4385648	87.894	ppbV	97
8) methanol	2.129	31	2498435	651.290	ppbV	95
9) vinyl chloride	2.151	62	1667190	94.926	ppbV	99
10) 1,3-butadiene	2.195	54	1152177	101.283	ppbV	96
11) butane	2.211	43	2135793	94.128	ppbV	99
12) acetaldehyde	2.118	29	3891171	446.287	ppbV	92
13) bromomethane	2.282	94	1629473	94.855	ppbV	100
14) chloroethane	2.332	64	950116	96.618	ppbV	100
15) ethanol	2.370	31	4851219	464.682	ppbV	92
16) dichlorofluoromethane	2.359	67	4159135	92.253	ppbV	99
17) vinyl bromide	2.437	106	1638240	94.005	ppbV	99
18) acrolein	2.471	56	820188	93.969	ppbV	98
19) acetone	2.505	43	9214536	395.315	ppbV #	76
20) acetonitrile	2.432	41	1370461	97.355	ppbV	100
21) trichlorofluoromethane	2.556	101	4375992	86.336	ppbV	99
22) isopropyl alcohol	2.573	45	6178178	234.428	ppbV	98
23) acrylonitrile	2.630	53	1620209	102.348	ppbV	99
24) pentane	2.653	43	3314724	90.150	ppbV	99

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264819.D
Acq On : 09 Jul 2025 10:05 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD100
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 10 08:14:47 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	2.658	31	1691082	101.441	ppbV		100
26) 1,1-dichloroethene	2.731	61	3263489	88.843	ppbV		99
27) tertiary butyl alcohol	2.741	59	4118410	89.374	ppbV		99
28) methylene chloride	2.765	49	1934996	92.745	ppbV		97
29) 3-chloropropene	2.798	41	2052744	97.204	ppbV		98
30) carbon disulfide	2.851	76	4666849	94.373	ppbV		96
31) Freon 113	2.846	101	3215116	83.136	ppbV		98
32) trans-1,2-dichloroethene	3.062	61	2577537	94.946	ppbV		99
33) 1,1-dichloroethane	3.133	63	3328300	90.700	ppbV		100
34) MTBE	3.160	73	4894714	90.951	ppbV		97
35) vinyl acetate	3.195	43	4329172	97.758	ppbV		97
36) 2-butanone	3.284	43	3707293	100.155	ppbV		99
37) cis-1,2-dichloroethene	3.448	61	2661137	96.207	ppbV		98
38) Ethyl Acetate	3.561	61	1117501	157.186	ppbV	#	33
39) chloroform	3.568	83	3989033	90.473	ppbV		97
40) Tetrahydrofuran	3.725	42	1608373M6	74.346	ppbV		
41) 2,2-dichloropropane	3.583	77	3654781	92.810	ppbV		97
42) 1,2-dichloroethane	3.868	62	2781052	96.622	ppbV		99
44) hexane	3.546	57	2623954	98.573	ppbV	#	74
45) diisopropyl ether	3.553	87	2130442	94.761	ppbV		97
46) tert-butyl ethyl ether	3.779	59	6181283	96.576	ppbV		97
48) 1,1,1-trichloroethane	3.982	97	4263313	96.150	ppbV		96
49) 1,1-dichloropropene	4.130	75	3636394	93.803	ppbV		98
50) benzene	4.186	78	5832529	90.416	ppbV		95
51) thiophene	4.243	84	5029426	72.961	ppbV		98
52) carbon tetrachloride	4.252	117	4324883	96.244	ppbV		98
53) cyclohexane	4.309	56	2767825	99.089	ppbV		99
54) tert-amyl methyl ether	4.488	73	5842069	92.251	ppbV		95
55) dibromomethane	4.544	93	2498245	94.729	ppbV		96
56) 1,2-dichloropropane	4.573	63	2173108	96.160	ppbV		97
57) bromodichloromethane	4.658	83	4342749	99.228	ppbV		99
58) 1,4-dioxane	4.686	88	1344001	114.915	ppbV		96
59) trichloroethene	4.686	130	2906678	93.574	ppbV		97
60) 2,2,4-trimethylpentane	4.724	57	8029396	91.481	ppbV		95
61) methyl methacrylate	4.818	41	2487516	100.069	ppbV		98
62) heptane	4.865	43	2830475	100.643	ppbV		99
63) cis-1,3-dichloropropene	5.110	75	3510677	97.451	ppbV		96
64) 4-methyl-2-pentanone	5.150	43	3890940	100.377	ppbV		96
65) trans-1,3-dichloropropene	5.381	75	2982722	100.350	ppbV		98
66) 1,1,2-trichloroethane	5.453	97	2627881	94.057	ppbV		96

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264819.D
Acq On : 09 Jul 2025 10:05 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD100
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 10 08:14:47 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.597	91	7129713	84.035	ppbV		95
70) 2-methylthiophene	5.621	97	6522742	63.226	ppbV		96
71) 1,3-dichloropropane	5.613	76	3619845	87.476	ppbV		98
72) 2-hexanone	5.757	43	3836669	98.383	ppbV		94
73) 3-methylthiophene	5.709	97	6790687	64.431	ppbV		93
74) dibromochloromethane	5.788	129	4494425	95.386	ppbV		98
75) 1,2-dibromoethane	5.900	107	4089268	89.849	ppbV		100
76) butyl acetate	6.092	73	1061340	96.359	ppbV		94
77) octane	6.140	85	2513042	90.148	ppbV		95
78) tetrachloroethene	6.148	166	3404388	84.924	ppbV	#	89
79) 1,1,1,2-tetrachloroethane	6.476	131	3178721	88.024	ppbV		98
80) chlorobenzene	6.476	112	5710240	84.968	ppbV		94
81) ethylbenzene	6.678	91	8988999	80.281	ppbV	#	87
82) 2-ethylthiophene	6.695	97	7793565	61.315	ppbV	#	91
83) m+p-xylene	6.771	91	13195193	147.724	ppbV		89
84) bromoform	6.771	173	3846433	88.535	ppbV		98
85) styrene	6.940	104	5875236	89.000	ppbV		94
86) 1,1,2,2-tetrachloroethane	6.987	83	5456994	86.544	ppbV		99
87) o-xylene	6.998	91	7256830	84.545	ppbV		94
88) 1,2,3-trichloropropane	7.051	75	4415359	90.412	ppbV		99
89) nonane	7.161	43	4462084	90.118	ppbV		99
91) isopropylbenzene	7.301	105	8957915	72.768	ppbV	#	75
92) bromobenzene	7.313	77	7139713	134.575	ppbV		93
93) 2-chlorotoluene	7.523	126	2878469	89.053	ppbV		84
94) n-propylbenzene	7.563	120	2949901	84.176	ppbV	#	1
95) 4-chlorotoluene	7.563	126	2709165	83.191	ppbV	#	5
96) 4-ethyl toluene	7.643	105	8972764	79.777	ppbV	#	81
97) 1,3,5-trimethylbenzene	7.691	105	8256256	83.457	ppbV	#	92
98) tert-butylbenzene	7.898	119	8758609	76.812	ppbV		91
99) 1,2,4-trimethylbenzene	7.906	105	8309809	79.465	ppbV		94
100) decane	8.010	57	5533059	87.333	ppbV		99
101) Benzyl Chloride	7.962	91	7842724	93.909	ppbV	#	91
102) 1,3-dichlorobenzene	7.962	146	5975942	82.963	ppbV		91
103) 1,4-dichlorobenzene	8.002	146	5803129	81.093	ppbV		89
104) sec-butylbenzene	8.050	105	10067386	64.376	ppbV	#	59
105) 1,2,3-trimethylbenzene	8.130	105	9354121	83.356	ppbV		88
106) p-isopropyltoluene	8.154	119	10497418	72.946	ppbV	#	80
107) 1,2-dichlorobenzene	8.186	146	6070207	86.668	ppbV		91
108) n-butylbenzene	8.385	91	9207979	70.087	ppbV	#	75
109) indan	8.234	117	8072510	86.411	ppbV	#	91

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264819.D
Acq On : 09 Jul 2025 10:05 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD100
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 10 08:14:47 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default - All compounds listed

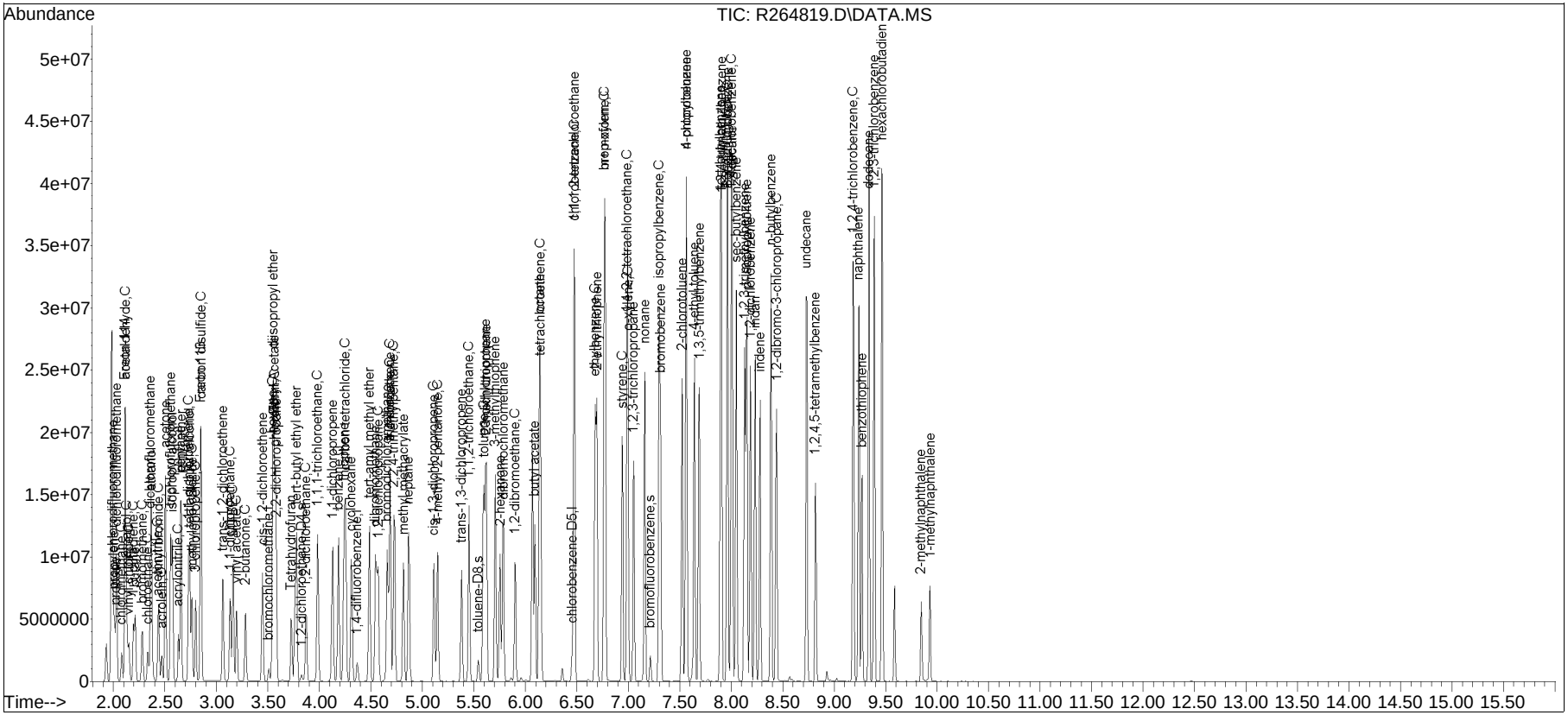
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.282	115	6999764	88.917	ppbV #	98
111) 1,2-dibromo-3-chloropr...	8.441	75	3718285	99.739	ppbV	96
112) undecane	8.729	57	6869954	84.172	ppbV	95
113) 1,2,4,5-tetramethylben...	8.816	119	5121752	78.097	ppbV	97
114) dodecane	9.335	57	7746142	73.637	ppbV	93
115) 1,2,4-trichlorobenzene	9.183	180	6158788	91.460	ppbV #	84
116) naphthalene	9.236	128	10267146	58.550	ppbV #	69
117) 1,2,3-trichlorobenzene	9.388	180	6312930	83.624	ppbV #	86
118) benzothiophene	9.271	134	6375363	82.378	ppbV	95
119) hexachlorobutadiene	9.464	225	4241860	80.580	ppbV #	91
120) 2-methylnaphthalene	9.844	142	1492706	103.991	ppbV	97
121) 1-methylnaphthalene	9.932	142	2037143	98.973	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed7\0709T_I\R264816.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264819.D
Acq On : 09 Jul 2025 10:05 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD100
Misc : WG2089114
ALS Vial : 8 Sample Multiplier: 1

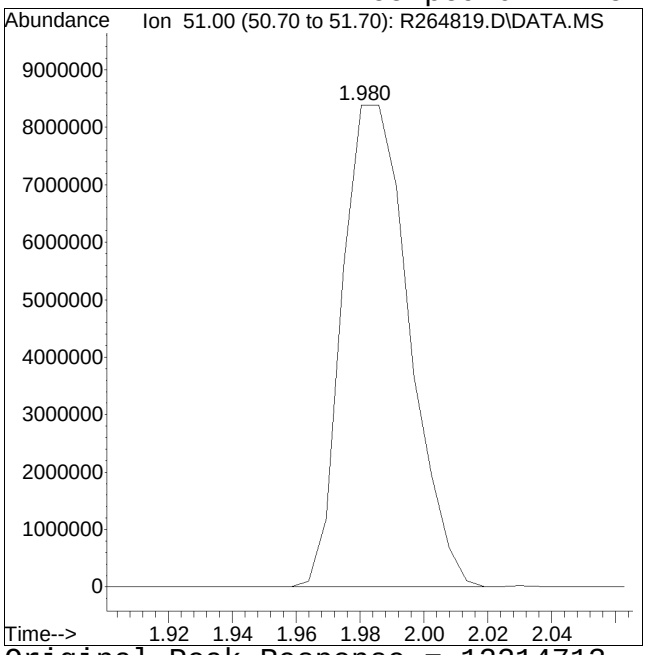
Quant Time: Jul 10 08:14:47 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 08:12:20 2025
Response via : Initial Calibration



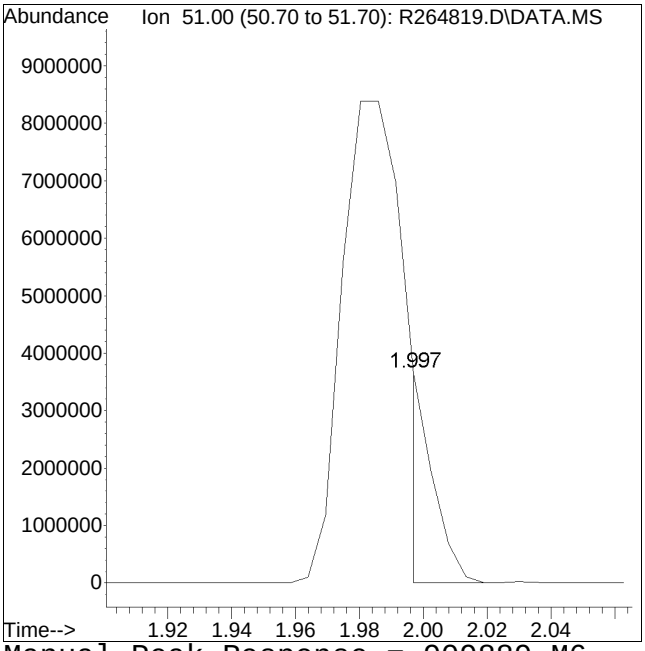
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264819.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 10:05 pm Instrument : Airlab26
Sample : ITO15-LLSTD100 Quant Date : 7/10/2025 8:14 am

Compound #2: chlorodifluoromethane



Original Peak Response = 12214713



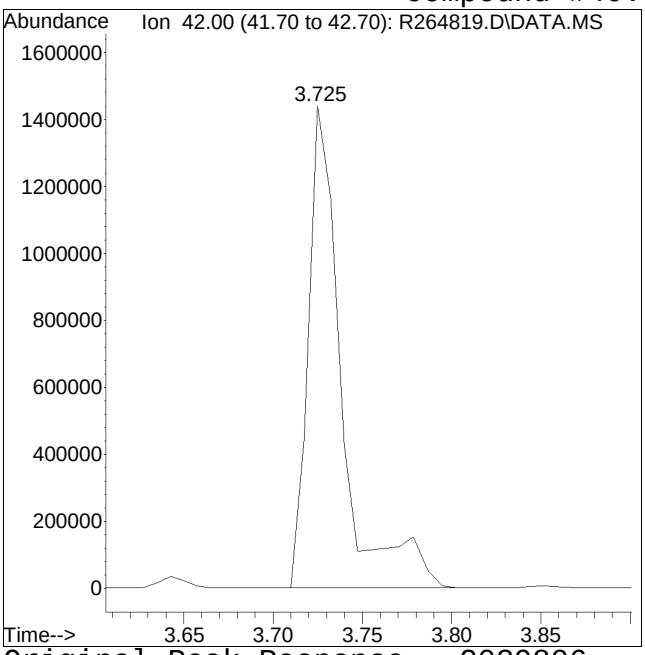
Manual Peak Response = 909889 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

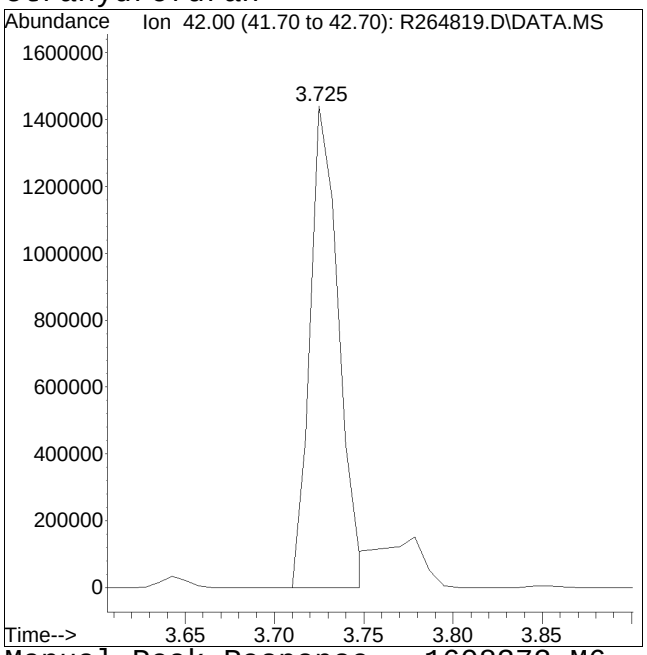
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264819.D Operator : AIRLAB26:RAY
Date Inj'd : 7/9/2025 10:05 pm Instrument : Airlab26
Sample : ITO15-LLSTD100 Quant Date : 7/10/2025 8:14 am

Compound #40: Tetrahydrofuran



Original Peak Response = 2039806



Manual Peak Response = 1608373 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264822.D
Acq On : 10 Jul 2025 10:39 am
Operator : AIRLAB26:RAY
Sample : CTO15-LLSTD010
Misc : WG2089114
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 10 11:47:29 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	98	0.00
2		chlorodifluoromethane	0.393	0.918	-133.6#	269#	0.00
3		propylene	0.500	0.521	-4.2	109	0.00
4		propane	0.313	0.310	1.0	100	0.00
5		dichlorodifluoromethane	1.929	2.146	-11.2	110	0.00
6	C	chloromethane	0.598	0.597	0.2	101	0.00
7		Freon-114	2.008	2.362	-17.6	116	0.00
8	C	methanol	0.206	0.155	24.8	99	0.00
9	C	vinyl chloride	0.712	0.775	-8.8	108	0.00
10	C	1,3-butadiene	0.492	0.511	-3.9	110	0.00
11		butane	0.922	0.836	9.3	90	0.00
13	C	bromomethane	0.715	0.819	-14.5	117	0.01
14	C	chloroethane	0.408	0.445	-9.1	111	0.01
15		ethanol	0.416	0.344	17.3	81	0.00
16		dichlorofluoromethane	1.864	1.659	11.0	90	0.01
17	C	vinyl bromide	0.723	0.769	-6.4	108	0.00
18	C	acrolein	0.347	0.277	20.2	78	0.00
19		acetone	0.958	0.812	15.2	85	0.00
20	C	acetonitrile	0.637	0.477	25.1	83	0.00
21		trichlorofluoromethane	2.011	2.295	-14.1	111	0.00
22		isopropyl alcohol	1.119	0.960	14.2	89	0.00
23	C	acrylonitrile	0.664	0.586	11.7	91	0.00
24		pentane	1.483	1.300	12.3	87	0.00
25		ethyl ether	0.736	0.660	10.3	97	0.00
26	C	1,1-dichloroethene	1.382	1.650	-19.4	110	0.00
27		tertiary butyl alcohol	1.803	1.655	8.2	88	0.00
28	C	methylene chloride	0.837	0.933	-11.5	110	0.00
29	C	3-chloropropene	0.890	0.925	-3.9	108	0.00
30	C	carbon disulfide	2.027	2.169	-7.0	108	0.00
31		Freon 113	1.529	1.745	-14.1	111	0.00
32		trans-1,2-dichloroethene	1.109	1.212	-9.3	110	0.00
33	C	1,1-dichloroethane	1.478	1.635	-10.6	109	0.00
34	C	MTBE	2.166	2.426	-12.0	111	0.00
35	C	vinyl acetate	1.829	1.304	28.7	72	0.00
36	C	2-butanone	1.428	1.391	2.6	92	0.00
37		cis-1,2-dichloroethene	1.116	1.227	-9.9	109	0.00
38		Ethyl Acetate	0.307	0.283	7.8	98	0.00
39	C	chloroform	1.744	1.934	-10.9	108	0.00
40		Tetrahydrofuran	0.708	0.742	-4.8	90	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264822.D
Acq On : 10 Jul 2025 10:39 am
Operator : AIRLAB26:RAY
Sample : CTO15-LLSTD010
Misc : WG2089114
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 10 11:47:29 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	1.542	1.446	6.2	90	0.00
42	C	1,2-dichloroethane	1.160	1.272	-9.7	108	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	98	0.00
44	C	hexane	0.357	0.392	-9.8	115	0.00
45		diisopropyl ether	0.280	0.277	1.1	96	0.00
46		tert-butyl ethyl ether	0.851	0.785	7.8	96	0.00
47	s	1,2-dichloroethane-D4	0.287	0.274	4.5	96	0.00
48	C	1,1,1-trichloroethane	0.560	0.618	-10.4	109	0.00
49		1,1-dichloropropene	0.450	0.465	-3.3	94	0.00
50	C	benzene	0.800	0.868	-8.5	105	0.00
52	C	carbon tetrachloride	0.569	0.629	-10.5	110	0.00
53		cyclohexane	0.367	0.388	-5.7	109	0.00
54		tert-amyl methyl ether	0.778	0.736	5.4	91	0.00
55		dibromomethane	0.332	0.308	7.2	91	0.00
56	C	1,2-dichloropropane	0.280	0.305	-8.9	106	0.00
57		bromodichloromethane	0.560	0.623	-11.2	111	0.00
58	C	1,4-dioxane	0.160	0.179	-11.9	120	0.00
59	C	trichloroethene	0.382	0.431	-12.8	108	0.00
60	C	2,2,4-trimethylpentane	1.116	1.212	-8.6	108	0.00
61		methyl methacrylate	0.312	0.290	7.1	91	0.00
62		heptane	0.386	0.403	-4.4	112	0.00
63	C	cis-1,3-dichloropropene	0.442	0.541	-22.4	117	0.00
64	C	4-methyl-2-pentanone	0.497	0.538	-8.2	108	0.00
65		trans-1,3-dichloropropene	0.368	0.475	-29.1	125	0.00
66	C	1,1,2-trichloroethane	0.352	0.388	-10.2	109	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	98	0.00
68	C	toluene	6.013	6.612	-10.0	106	0.00
69	s	toluene-D8	5.252	5.283	-0.6	97	0.00
71		1,3-dichloropropane	2.890	2.641	8.6	87	0.00
72		2-hexanone	2.813	3.018	-7.3	105	0.00
74		dibromochloromethane	3.359	3.845	-14.5	111	0.00
75	C	1,2-dibromoethane	3.202	3.699	-15.5	110	0.00
76		butyl acetate	0.791	0.765	3.3	93	0.00
77		octane	1.956	1.841	5.9	90	0.00
78	C	tetrachloroethene	2.838	3.130	-10.3	106	0.00
79		1,1,1,2-tetrachloroethane	2.544	2.328	8.5	88	0.00
80	C	chlorobenzene	4.763	5.306	-11.4	107	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264822.D
Acq On : 10 Jul 2025 10:39 am
Operator : AIRLAB26:RAY
Sample : CTO15-LLSTD010
Misc : WG2089114
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 10 11:47:29 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	C	ethylbenzene	7.786	8.675	-11.4	105	0.00
83	C	m+p-xylene	6.415	7.029	-9.6	107	0.00
84	C	bromoform	3.082	3.670	-19.1	115	0.00
85	C	styrene	4.630	5.323	-15.0	110	0.00
86	C	1,1,2,2-tetrachloroethane	4.476	5.060	-13.0	109	0.00
87	C	o-xylene	6.098	6.828	-12.0	108	0.00
88		1,2,3-trichloropropane	3.427	3.218	6.1	90	0.00
89		nonane	3.458	3.225	6.7	89	0.00
90	s	bromofluorobenzene	2.989	2.948	1.4	95	0.00
91	C	isopropylbenzene	8.336	8.277	0.7	91	0.00
92		bromobenzene	5.590	4.425	20.8	90	0.00
93		2-chlorotoluene	2.218	2.101	5.3	88	0.00
94		n-propylbenzene	2.428	2.278	6.2	88	0.00
95		4-chlorotoluene	2.246	2.060	8.3	86	0.00
96		4-ethyl toluene	7.917	8.989	-13.5	109	0.00
97		1,3,5-trimethylbenzene	7.005	8.142	-16.2	112	0.00
98		tert-butylbenzene	7.666	7.573	1.2	90	0.00
99		1,2,4-trimethylbenzene	7.140	8.358	-17.1	109	0.00
100		decane	4.436	4.092	7.8	88	0.00
101	C	Benzyl Chloride	6.019	5.613	6.7	91	0.00
102		1,3-dichlorobenzene	4.976	5.588	-12.3	105	0.00
103	C	1,4-dichlorobenzene	4.973	5.674	-14.1	108	0.00
104		sec-butylbenzene	10.406	10.005	3.9	87	0.00
106		p-isopropyltoluene	9.700	9.088	6.3	86	0.00
107		1,2-dichlorobenzene	4.880	5.284	-8.3	103	0.00
108		n-butylbenzene	8.756	8.661	1.1	90	0.00
111	C	1,2-dibromo-3-chloropropane	2.552	2.220	13.0	81	0.00
112		undecane	5.478	5.046	7.9	84	0.00
114		dodecane	6.175	6.803	-10.2	88	0.00
115	C	1,2,4-trichlorobenzene	4.551	4.866	-6.9	98	0.00
116		naphthalene	11.225	10.476	6.7	81	0.00
117		1,2,3-trichlorobenzene	4.711	4.744	-0.7	85	0.00
119	C	hexachlorobutadiene	3.518	3.613	-2.7	93	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264822.D
Acq On : 10 Jul 2025 10:39 am
Operator : AIRLAB26:RAY
Sample : CTO15-LLSTD010
Misc : WG2089114
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 10 11:47:29 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	238136	10.000	ppbV	0.00
Standard Area = 243909			Recovery = 97.63%			
43) 1,4-difluorobenzene	4.365	114	772785	10.000	ppbV	0.00
Standard Area = 791451			Recovery = 97.64%			
67) chlorobenzene-D5	6.455	54	127919	10.000	ppbV	0.00
Standard Area = 131085			Recovery = 97.58%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.828	65	211521	9.549	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.49%			
69) toluene-D8	5.541	98	675763	10.059	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.59%			
90) bromofluorobenzene	7.214	95	377095	9.861	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.61%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.997	51	218490	23.343	ppbV #	84
3) propylene	2.008	41	124038	10.417	ppbV	99
4) propane	2.013	29	73877	9.907	ppbV #	85
5) dichlorodifluoromethane	2.030	85	510927	11.121	ppbV	99
6) chloromethane	2.079	50	142117	9.978	ppbV	98
7) Freon-114	2.112	85	562459	11.765	ppbV	96
8) methanol	2.129	31	184195M1	37.578	ppbV	
9) vinyl chloride	2.151	62	184445	10.879	ppbV	99
10) 1,3-butadiene	2.195	54	121589	10.378	ppbV	99
11) butane	2.211	43	199147	9.073	ppbV	100
13) bromomethane	2.283	94	195081	11.452	ppbV	99
14) chloroethane	2.337	64	105910	10.905	ppbV	100
15) ethanol	2.365	31	409501	41.377	ppbV	98
16) dichlorofluoromethane	2.365	67	395139	8.901	ppbV	99
17) vinyl bromide	2.443	106	183100	10.637	ppbV	100
18) acrolein	2.472	56	65999	7.986	ppbV	96
19) acetone	2.506	43	966491	42.373	ppbV	100
20) acetonitrile	2.438	41	113679	7.493	ppbV	96
21) trichlorofluoromethane	2.557	101	546485	11.411	ppbV	96
22) isopropyl alcohol	2.574	45	571693	21.452	ppbV	100
23) acrylonitrile	2.636	53	139565	8.823	ppbV	98
24) pentane	2.658	43	309689	8.770	ppbV	100
25) ethyl ether	2.658	31	157258	8.967	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264822.D
Acq On : 10 Jul 2025 10:39 am
Operator : AIRLAB26:RAY
Sample : CTO15-LLSTD010
Misc : WG2089114
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 10 11:47:29 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) 1,1-dichloroethene	2.732	61	392845	11.939	ppbV		98
27) tertiary butyl alcohol	2.741	59	394206	9.182	ppbV		100
28) methylene chloride	2.765	49	222257	11.153	ppbV		97
29) 3-chloropropene	2.803	41	220318	10.394	ppbV		99
30) carbon disulfide	2.851	76	516462	10.697	ppbV		99
31) Freon 113	2.851	101	415515	11.409	ppbV		97
32) trans-1,2-dichloroethene	3.067	61	288663	10.931	ppbV		99
33) 1,1-dichloroethane	3.133	63	389444	11.063	ppbV		99
34) MTBE	3.164	73	577736	11.202	ppbV		99
35) vinyl acetate	3.195	43	310478	7.129	ppbV		100
36) 2-butanone	3.284	43	331189	9.740	ppbV		100
37) cis-1,2-dichloroethene	3.449	61	292204	10.990	ppbV		99
38) Ethyl Acetate	3.561	61	67294M6	9.206	ppbV		
39) chloroform	3.568	83	460572	11.089	ppbV		99
40) Tetrahydrofuran	3.732	42	176654M1	10.484	ppbV		
41) 2,2-dichloropropane	3.576	77	344264	9.375	ppbV		98
42) 1,2-dichloroethane	3.868	62	302880	10.962	ppbV		99
44) hexane	3.546	57	302918	10.983	ppbV	#	74
45) diisopropyl ether	3.553	87	213848	9.877	ppbV		97
46) tert-butyl ethyl ether	3.779	59	606638	9.225	ppbV		99
48) 1,1,1-trichloroethane	3.982	97	477203	11.026	ppbV		99
49) 1,1-dichloropropene	4.130	75	359455	10.326	ppbV		98
50) benzene	4.186	78	670887	10.855	ppbV		98
52) carbon tetrachloride	4.252	117	486443	11.067	ppbV		99
53) cyclohexane	4.309	56	299540	10.566	ppbV		97
54) tert-amyl methyl ether	4.488	73	568938	9.463	ppbV		98
55) dibromomethane	4.545	93	238198	9.279	ppbV		96
56) 1,2-dichloropropane	4.563	63	235827	10.888	ppbV		99
57) bromodichloromethane	4.658	83	481215	11.120	ppbV		99
58) 1,4-dioxane	4.686	88	138638	11.226	ppbV		97
59) trichloroethene	4.686	130	332813	11.263	ppbV		98
60) 2,2,4-trimethylpentane	4.724	57	936541	10.859	ppbV		98
61) methyl methacrylate	4.818	41	224369	9.303	ppbV		95
62) heptane	4.865	43	311618	10.458	ppbV		99
63) cis-1,3-dichloropropene	5.110	75	417968	12.223	ppbV		99
64) 4-methyl-2-pentanone	5.150	43	415395	10.811	ppbV		97
65) trans-1,3-dichloropropene	5.382	75	366834	12.913	ppbV		99
66) 1,1,2-trichloroethane	5.453	97	299605	11.023	ppbV		98
68) toluene	5.589	91	845747	10.996	ppbV		99
71) 1,3-dichloropropane	5.605	76	337830	9.138	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264822.D
Acq On : 10 Jul 2025 10:39 am
Operator : AIRLAB26:RAY
Sample : CTO15-LLSTD010
Misc : WG2089114
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 10 11:47:29 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 2-hexanone	5.749	43	385997	10.727	ppbV	98
74) dibromochloromethane	5.781	129	491889	11.448	ppbV	99
75) 1,2-dibromoethane	5.900	107	473165	11.551	ppbV	99
76) butyl acetate	6.092	73	97878	9.671	ppbV	96
77) octane	6.132	85	235514	9.415	ppbV	99
78) tetrachloroethene	6.148	166	400354	11.028	ppbV	98
79) 1,1,1,2-tetrachloroethane	6.471	131	297782	9.151	ppbV	99
80) chlorobenzene	6.477	112	678732	11.141	ppbV	97
81) ethylbenzene	6.673	91	1109745	11.142	ppbV	99
83) m+p-xylene	6.766	91	1798274	21.914	ppbV	100
84) bromoform	6.766	173	469503	11.909	ppbV	98
85) styrene	6.940	104	680878	11.496	ppbV	99
86) 1,1,2,2-tetrachloroethane	6.987	83	647227	11.305	ppbV	98
87) o-xylene	6.993	91	873447	11.197	ppbV	99
88) 1,2,3-trichloropropane	7.051	75	411677	9.391	ppbV	98
89) nonane	7.156	43	412535	9.326	ppbV	99
91) isopropylbenzene	7.295	105	1058783	9.929	ppbV	100
92) bromobenzene	7.307	77	565991M6	7.915	ppbV	
93) 2-chlorotoluene	7.523	126	268716	9.473	ppbV	95
94) n-propylbenzene	7.563	120	291406	9.384	ppbV	76
95) 4-chlorotoluene	7.563	126	263558	9.175	ppbV	93
96) 4-ethyl toluene	7.635	105	1149901	11.355	ppbV	100
97) 1,3,5-trimethylbenzene	7.683	105	1041453	11.622	ppbV	99
98) tert-butylbenzene	7.899	119	968763	9.880	ppbV	97
99) 1,2,4-trimethylbenzene	7.899	105	1069113	11.705	ppbV	94
100) decane	8.002	57	523491	9.225	ppbV	99
101) Benzyl Chloride	7.954	91	718000	9.326	ppbV	99
102) 1,3-dichlorobenzene	7.954	146	714748	11.229	ppbV	99
103) 1,4-dichlorobenzene	7.994	146	725844	11.409	ppbV	100
104) sec-butylbenzene	8.042	105	1279879	9.615	ppbV	99
106) p-isopropyltoluene	8.146	119	1162525	9.369	ppbV	99
107) 1,2-dichlorobenzene	8.186	146	675953	10.828	ppbV	96
108) n-butylbenzene	8.386	91	1107847	9.891	ppbV	98
111) 1,2-dibromo-3-chloropr...	8.433	75	284010	8.701	ppbV	99
112) undecane	8.729	57	645479	9.211	ppbV	99
114) dodecane	9.336	57	870203	11.016	ppbV	100
115) 1,2,4-trichlorobenzene	9.184	180	622419	10.692	ppbV	99
116) naphthalene	9.236	128	1340033	9.332	ppbV	100
117) 1,2,3-trichlorobenzene	9.388	180	606887	10.071	ppbV	99
119) hexachlorobutadiene	9.464	225	462172	10.272	ppbV	97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264822.D
Acq On : 10 Jul 2025 10:39 am
Operator : AIRLAB26:RAY
Sample : CTO15-LLSTD010
Misc : WG2089114
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 10 11:47:29 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0709T_I\R264816.D
Sub List : Default-ICV-AP2 - All compounds listed

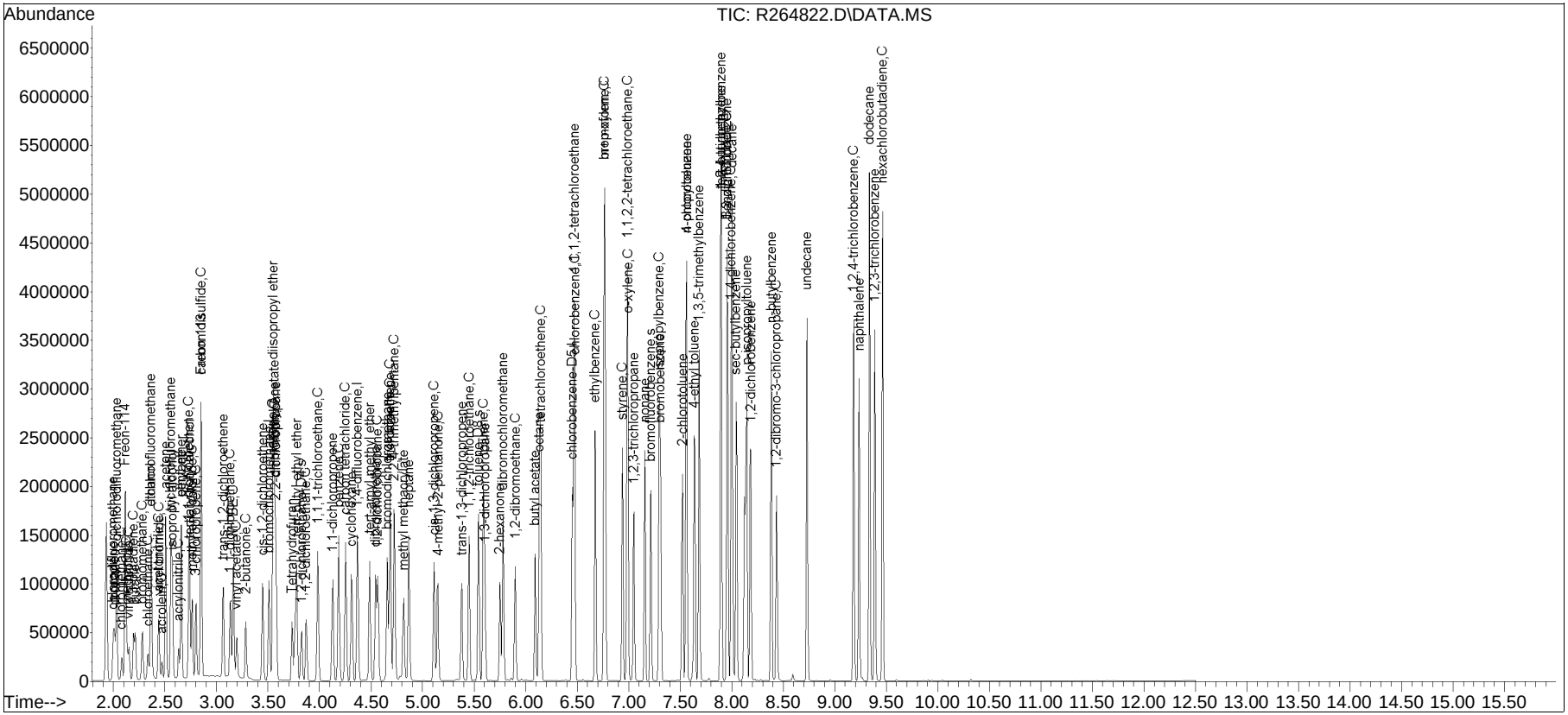
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listedI\R264816.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0709T_I\
Data File : R264822.D
Acq On : 10 Jul 2025 10:39 am
Operator : AIRLAB26:RAY
Sample : CTO15-LLSTD010
Misc : WG2089114
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 10 11:47:29 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0709T_I\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

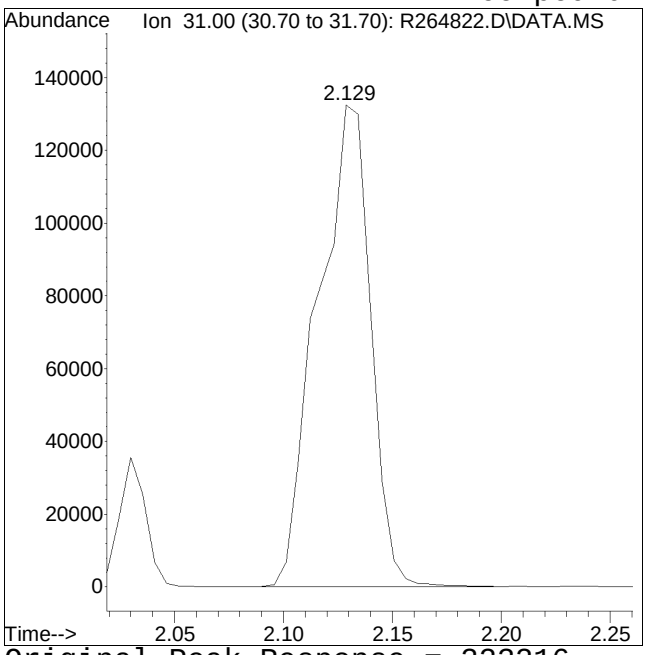


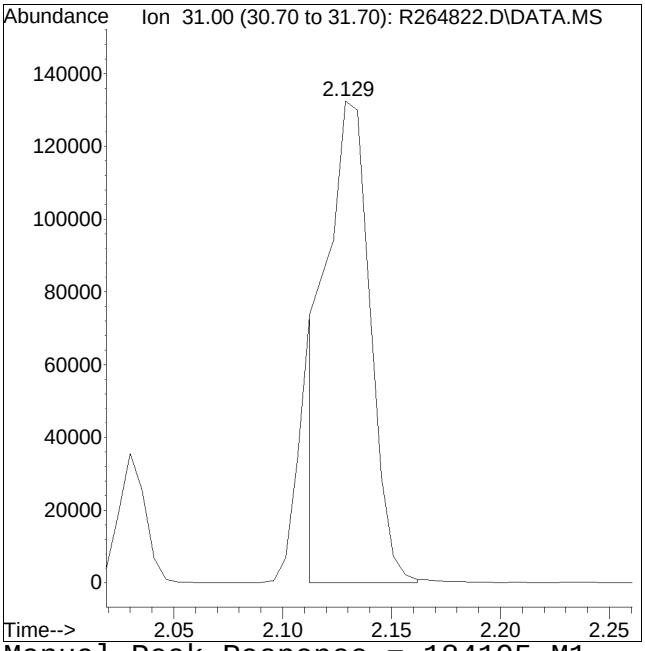
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R264822.D
Date Inj'd : 7/10/2025 10:39 am
Sample : CTO15-LLSTD010

Method : TFS26_250709.M
Operator : AIRLAB26:RAY
Instrument : Airlab26
Quant Date : 7/10/2025 11:47 am

Compound #8: methanol





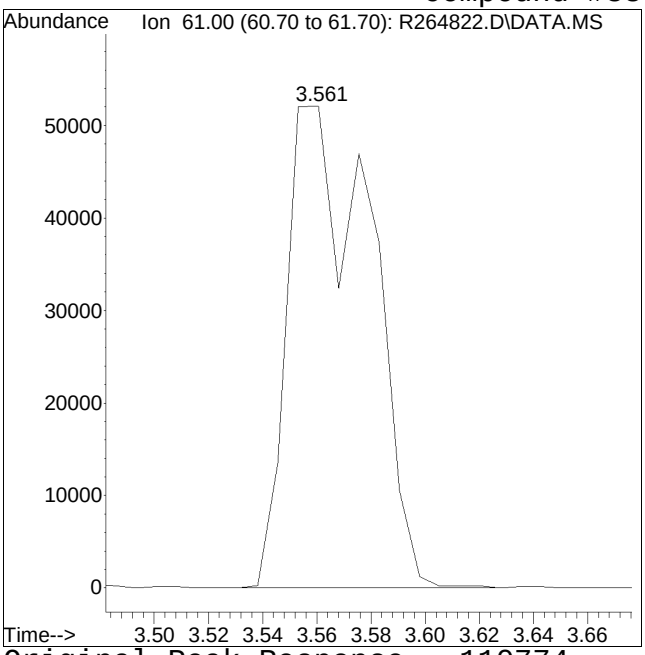
Original Peak Response = 223216 Manual Peak Response = 184195 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

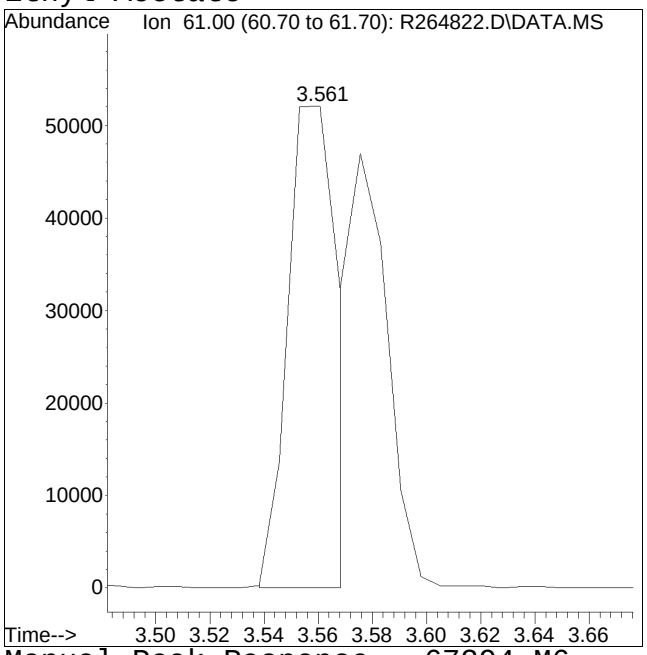
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264822.D Operator : AIRLAB26:RAY
Date Inj'd : 7/10/2025 10:39 am Instrument : Airlab26
Sample : CTO15-LLSTD010 Quant Date : 7/10/2025 11:47 am

Compound #38: Ethyl Acetate



Original Peak Response = 110774



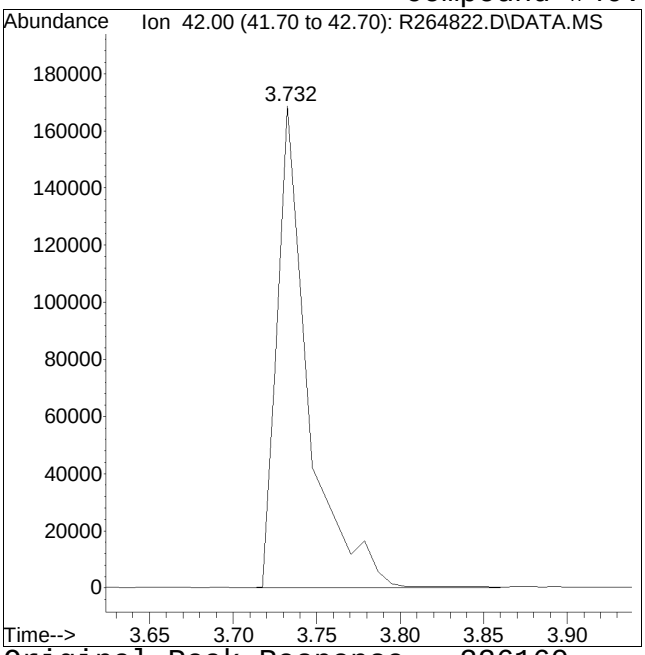
Manual Peak Response = 67294 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

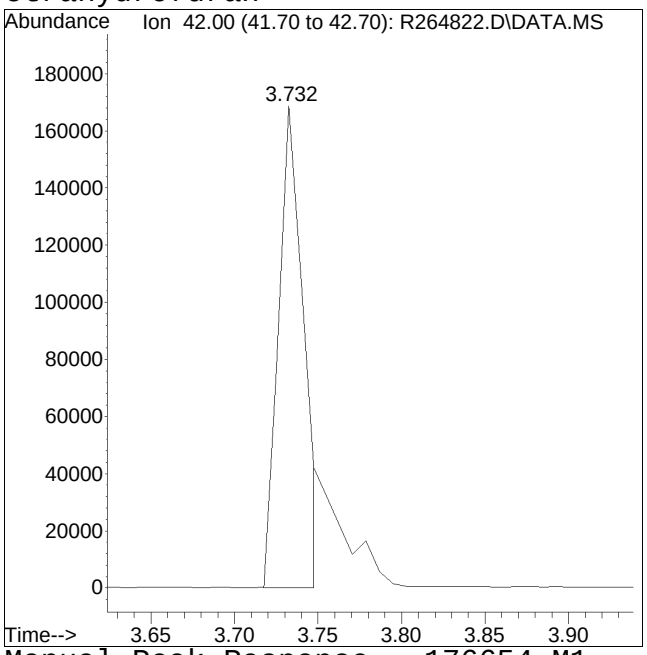
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264822.D Operator : AIRLAB26:RAY
Date Inj'd : 7/10/2025 10:39 am Instrument : Airlab26
Sample : CTO15-LLSTD010 Quant Date : 7/10/2025 11:47 am

Compound #40: Tetrahydrofuran



Original Peak Response = 226160



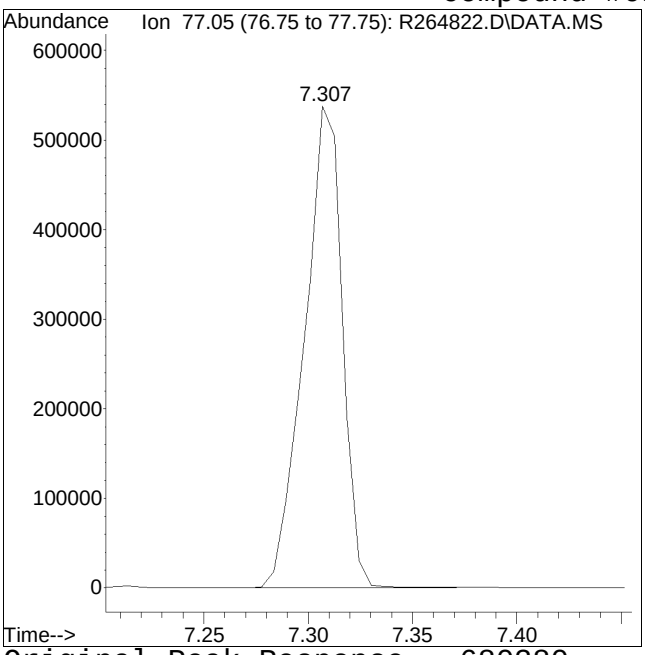
Manual Peak Response = 176654 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

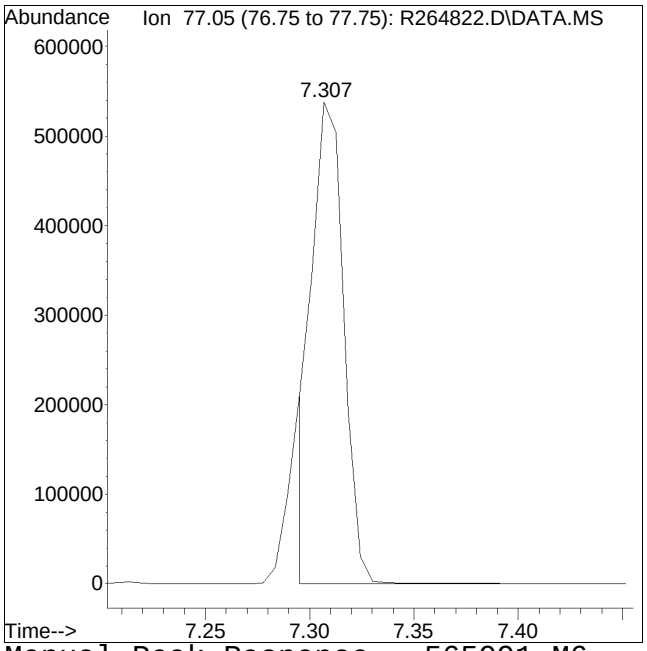
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264822.D Operator : AIRLAB26:RAY
Date Inj'd : 7/10/2025 10:39 am Instrument : Airlab26
Sample : CTO15-LLSTD010 Quant Date : 7/10/2025 11:47 am

Compound #92: bromobenzene



Original Peak Response = 680380



Manual Peak Response = 565991 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2543344
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB26	**Calibration Date**	: 07/15/25 12:00
Lab File ID	: R264943	**Init. Calib. Date(s)**	: 07/09/25 07/09/25
Sample No	: WG2090986-2	**Init. Calib. Times**	: 16:37 22:05
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	78	0
chlorodifluoromethane	0.393	0.52	-	-32.3*	30	121	0
propylene	0.5	0.408	-	18.4	30	68	0
propane	0.313	0.232	-	25.9	30	60	0
dichlorodifluoromethane	1.929	2.039	-	-5.7	30	84	0
chloromethane	0.598	0.568	-	5	30	77	0
Freon-114	2.008	2.201	-	-9.6	30	86	0
methanol	0.206	0.188	-	8.7	30	96	0
vinyl chloride	0.712	0.708	-	0.6	30	79	0
1,3-butadiene	0.492	0.429	-	12.8	30	74	0
butane	0.922	0.786	-	14.8	30	68	0
bromomethane	0.715	0.762	-	-6.6	30	87	0
chloroethane	0.408	0.408	-	0	30	81	0
ethanol	0.416	0.357	-	14.2	30	67	0
dichlorofluoromethane	1.864	1.803	-	3.3	30	78	0
vinyl bromide	0.723	0.744	-	-2.9	30	83	0
acrolein	0.347	0.329	-	5.2	30	74	0
acetone	0.958	1.001	-	-4.5	30	84	0
acetonitrile	0.637	0.516	-	19	30	72	0
trichlorofluoromethane	2.011	2.49	-	-23.8	30	96	0
isopropyl alcohol	1.119	1.089	-	2.7	30	81	0
acrylonitrile	0.664	0.714	-	-7.5	30	88	0
pentane	1.483	1.533	-	-3.4	30	82	0
ethyl ether	0.736	0.713	-	3.1	30	84	0
1,1-dichloroethene	1.382	1.735	-	-25.5	30	92	0
tertiary butyl alcohol	1.803	1.861	-	-3.2	30	79	0
methylene chloride	0.837	0.977	-	-16.7	30	92	0
3-chloropropene	0.89	0.858	-	3.6	30	79	0
carbon disulfide	2.027	2.118	-	-4.5	30	84	0
Freon 113	1.529	2.027	-	-32.6*	30	102	0
trans-1,2-dichloroethene	1.109	1.219	-	-9.9	30	88	0
1,1-dichloroethane	1.478	1.784	-	-20.7	30	95	0
MTBE	2.166	2.412	-	-11.4	30	88	0
vinyl acetate	1.829	1.825	-	0.2	30	81	0
2-butanone	1.428	1.416	-	0.8	30	75	0
cis-1,2-dichloroethene	1.116	1.092	-	2.2	30	77	0
Ethyl Acetate	0.307	0.407	-	-32.6*	30	112	.02
chloroform	1.744	1.87	-	-7.2	30	83	0
Tetrahydrofuran	0.708	0.679	-	4.1	30	66	0
2,2-dichloropropane	1.542	1.402	-	9.1	30	70	0
1,2-dichloroethane	1.16	1.17	-	-0.9	30	79	0
1,4-difluorobenzene	1	1	-	0	30	84	0
hexane	0.357	0.298	-	16.5	30	76	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		Lab Number	: L2543344	
Project Name	: 1885 ATLANTIC AVE.		Project Number	: 0205125	
Instrument ID	: AIRLAB26		Calibration Date	: 07/15/25 12:00	
Lab File ID	: R264943		Init. Calib. Date(s)	: 07/09/25	07/09/25
Sample No	: WG2090986-2		Init. Calib. Times	: 16:37	22:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.28	0.249	-	11.1	30	75	0
tert-butyl ethyl ether	0.851	0.665	-	21.9	30	70	0
1,1,1-trichloroethane	0.56	0.544	-	2.9	30	83	0
1,1-dichloropropene	0.45	0.356	-	20.9	30	62	0
benzene	0.8	0.763	-	4.6	30	80	0
carbon tetrachloride	0.569	0.539	-	5.3	30	81	0
cyclohexane	0.367	0.332	-	9.5	30	80	0
tert-amyl methyl ether	0.778	0.644	-	17.2	30	69	0
dibromomethane	0.332	0.304	-	8.4	30	78	0
1,2-dichloropropane	0.28	0.258	-	7.9	30	77	0
bromodichloromethane	0.56	0.49	-	12.5	30	76	0
1,4-dioxane	0.16	0.135	-	15.6	30	78	0
trichloroethene	0.382	0.373	-	2.4	30	81	0
2,2,4-trimethylpentane	1.116	0.916	-	17.9	30	70	0
methyl methacrylate	0.312	0.242	-	22.4	30	66	0
heptane	0.386	0.277	-	28.2	30	66	0
cis-1,3-dichloropropene	0.442	0.409	-	7.5	30	77	0
4-methyl-2-pentanone	0.497	0.389	-	21.7	30	68	0
trans-1,3-dichloropropene	0.368	0.324	-	12	30	73	0
1,1,2-trichloroethane	0.352	0.34	-	3.4	30	82	0
chlorobenzene-D5	1	1	-	0	30	82	0
toluene	6.013	6.147	-	-2.2	30	82	0
1,3-dichloropropane	2.89	2.698	-	6.6	30	74	0
2-hexanone	2.813	2.336	-	17	30	68	0
dibromochloromethane	3.359	3.178	-	5.4	30	77	0
1,2-dibromoethane	3.202	3.316	-	-3.6	30	83	0
butyl acetate	0.791	0.684	-	13.5	30	69	0
octane	1.956	1.758	-	10.1	30	72	0
tetrachloroethene	2.838	2.983	-	-5.1	30	85	0
1,1,1,2-tetrachloroethane	2.544	2.362	-	7.2	30	74	0
chlorobenzene	4.763	4.811	-	-1	30	81	0
ethylbenzene	7.786	7.915	-	-1.7	30	80	0
m+p-xylene	6.415	6.303	-	1.7	30	80	0
bromoform	3.082	2.866	-	7	30	75	0
styrene	4.63	4.683	-	-1.1	30	81	0
1,1,2,2-tetrachloroethane	4.476	4.563	-	-1.9	30	82	0
o-xylene	6.098	6.191	-	-1.5	30	82	0
1,2,3-trichloropropane	3.427	3.13	-	8.7	30	73	0
nonane	3.458	2.85	-	17.6	30	65	0
isopropylbenzene	8.336	8.238	-	1.2	30	76	0
bromobenzene	5.59	5.251	-	6.1	30	89	0
2-chlorotoluene	2.218	2.082	-	6.1	30	73	0
n-propylbenzene	2.428	2.353	-	3.1	30	76	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		**Lab Number**	: L2543344	
Project Name	: 1885 ATLANTIC AVE.		**Project Number**	: 0205125	
Instrument ID	: AIRLAB26		**Calibration Date**	: 07/15/25 12:00	
Lab File ID	: R264943		**Init. Calib. Date(s)**	: 07/09/25	07/09/25
Sample No	: WG2090986-2		**Init. Calib. Times**	: 16:37	22:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	2.246	2.154	-	4.1	30	75	0
4-ethyl toluene	7.917	7.842	-	0.9	30	79	0
1,3,5-trimethylbenzene	7.005	6.943	-	0.9	30	80	0
tert-butylbenzene	7.666	7.447	-	2.9	30	74	0
1,2,4-trimethylbenzene	7.14	7.086	-	0.8	30	77	0
decane	4.436	3.776	-	14.9	30	68	0
Benzyl Chloride	6.019	4.742	-	21.2	30	65	0
1,3-dichlorobenzene	4.976	5.046	-	-1.4	30	80	0
1,4-dichlorobenzene	4.973	5.085	-	-2.3	30	81	0
sec-butylbenzene	10.406	10.448	-	-0.4	30	76	0
p-isopropyltoluene	9.7	9.581	-	1.2	30	76	0
1,2-dichlorobenzene	4.88	4.918	-	-0.8	30	80	0
n-butylbenzene	8.756	8.641	-	1.3	30	75	0
1,2-dibromo-3-chloropropan	2.552	2.269	-	11.1	30	69	0
undecane	5.478	4.679	-	14.6	30	65	0
dodecane	6.175	6.197	-	-0.4	30	67	0
1,2,4-trichlorobenzene	4.551	4.235	-	6.9	30	71	0
naphthalene	11.225	10.9	-	2.9	30	71	0
1,2,3-trichlorobenzene	4.711	4.773	-	-1.3	30	72	0
hexachlorobutadiene	3.518	3.442	-	2.2	30	74	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264943.D
Acq On : 15 Jul 2025 12:00 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-2,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 15:19:43 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	78	0.00
2		chlorodifluoromethane	0.393	0.520	-32.3#	121	0.00
3		propylene	0.500	0.408	18.4	68	0.00
4		propane	0.313	0.232	25.9	60#	0.00
5		dichlorodifluoromethane	1.929	2.039	-5.7	84	0.00
6	C	chloromethane	0.598	0.568	5.0	77	0.00
7		Freon-114	2.008	2.201	-9.6	86	0.00
8	C	methanol	0.206	0.188	8.7	96	0.00
9	C	vinyl chloride	0.712	0.708	0.6	79	0.00
10	C	1,3-butadiene	0.492	0.429	12.8	74	0.00
11		butane	0.922	0.786	14.8	68	0.00
13	C	bromomethane	0.715	0.762	-6.6	87	0.00
14	C	chloroethane	0.408	0.408	0.0	81	0.00
15		ethanol	0.416	0.357	14.2	67	0.00
16		dichlorofluoromethane	1.864	1.803	3.3	78	0.00
17	C	vinyl bromide	0.723	0.744	-2.9	83	0.00
18	C	acrolein	0.347	0.329	5.2	74	0.00
19		acetone	0.958	1.001	-4.5	84	0.00
20	C	acetonitrile	0.637	0.516	19.0	72	0.00
21		trichlorofluoromethane	2.011	2.490	-23.8	96	0.00
22		isopropyl alcohol	1.119	1.089	2.7	81	0.00
23	C	acrylonitrile	0.664	0.714	-7.5	88	0.00
24		pentane	1.483	1.533	-3.4	82	0.00
25		ethyl ether	0.736	0.713	3.1	84	0.00
26	C	1,1-dichloroethene	1.382	1.735	-25.5	92	0.00
27		tertiary butyl alcohol	1.803	1.861	-3.2	79	0.00
28	C	methylene chloride	0.837	0.977	-16.7	92	0.00
29	C	3-chloropropene	0.890	0.858	3.6	79	0.00
30	C	carbon disulfide	2.027	2.118	-4.5	84	0.00
31		Freon 113	1.529	2.027	-32.6#	102	0.00
32		trans-1,2-dichloroethene	1.109	1.219	-9.9	88	0.00
33	C	1,1-dichloroethane	1.478	1.784	-20.7	95	0.00
34	C	MTBE	2.166	2.412	-11.4	88	0.00
35	C	vinyl acetate	1.829	1.825	0.2	81	0.00
36	C	2-butanone	1.428	1.416	0.8	75	0.00
37		cis-1,2-dichloroethene	1.116	1.092	2.2	77	0.00
38		Ethyl Acetate	0.307	0.407	-32.6#	112	0.02
39	C	chloroform	1.744	1.870	-7.2	83	0.00
40		Tetrahydrofuran	0.708	0.679	4.1	66	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264943.D
Acq On : 15 Jul 2025 12:00 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-2,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 15:19:43 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	1.542	1.402	9.1	70	0.00
42	C	1,2-dichloroethane	1.160	1.170	-0.9	79	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	84	0.00
44	C	hexane	0.357	0.298	16.5	76	0.00
45		diisopropyl ether	0.280	0.249	11.1	75	0.00
46		tert-butyl ethyl ether	0.851	0.665	21.9	70	0.00
48	C	1,1,1-trichloroethane	0.560	0.544	2.9	83	0.00
49		1,1-dichloropropene	0.450	0.356	20.9	62	0.00
50	C	benzene	0.800	0.763	4.6	80	0.00
52	C	carbon tetrachloride	0.569	0.539	5.3	81	0.00
53		cyclohexane	0.367	0.332	9.5	80	0.00
54		tert-amyl methyl ether	0.778	0.644	17.2	69	0.00
55		dibromomethane	0.332	0.304	8.4	78	0.00
56	C	1,2-dichloropropane	0.280	0.258	7.9	77	0.00
57		bromodichloromethane	0.560	0.490	12.5	76	0.00
58	C	1,4-dioxane	0.160	0.135	15.6	78	0.00
59	C	trichloroethene	0.382	0.373	2.4	81	0.00
60	C	2,2,4-trimethylpentane	1.116	0.916	17.9	70	0.00
61		methyl methacrylate	0.312	0.242	22.4	66	0.00
62		heptane	0.386	0.277	28.2	66	0.00
63	C	cis-1,3-dichloropropene	0.442	0.409	7.5	77	0.00
64	C	4-methyl-2-pentanone	0.497	0.389	21.7	68	0.00
65		trans-1,3-dichloropropene	0.368	0.324	12.0	73	0.00
66	C	1,1,2-trichloroethane	0.352	0.340	3.4	82	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	82	0.00
68	C	toluene	6.013	6.147	-2.2	82	0.00
71		1,3-dichloropropane	2.890	2.698	6.6	74	0.00
72		2-hexanone	2.813	2.336	17.0	68	0.00
74		dibromochloromethane	3.359	3.178	5.4	77	0.00
75	C	1,2-dibromoethane	3.202	3.316	-3.6	83	0.00
76		butyl acetate	0.791	0.684	13.5	69	0.00
77		octane	1.956	1.758	10.1	72	0.00
78	C	tetrachloroethene	2.838	2.983	-5.1	85	0.00
79		1,1,1,2-tetrachloroethane	2.544	2.362	7.2	74	0.00
80	C	chlorobenzene	4.763	4.811	-1.0	81	0.00
81	C	ethylbenzene	7.786	7.915	-1.7	80	0.00
83	C	m+p-xylene	6.415	6.303	1.7	80	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264943.D
Acq On : 15 Jul 2025 12:00 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-2,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 15:19:43 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
84	C	bromoform	3.082	2.866	7.0	75	0.00
85	C	styrene	4.630	4.683	-1.1	81	0.00
86	C	1,1,2,2-tetrachloroethane	4.476	4.563	-1.9	82	0.00
87	C	o-xylene	6.098	6.191	-1.5	82	0.00
88		1,2,3-trichloropropane	3.427	3.130	8.7	73	0.00
89		nonane	3.458	2.850	17.6	65	0.00
91	C	isopropylbenzene	8.336	8.238	1.2	76	0.00
92		bromobenzene	5.590	5.251	6.1	89	0.00
93		2-chlorotoluene	2.218	2.082	6.1	73	0.00
94		n-propylbenzene	2.428	2.353	3.1	76	0.00
95		4-chlorotoluene	2.246	2.154	4.1	75	0.00
96		4-ethyl toluene	7.917	7.842	0.9	79	0.00
97		1,3,5-trimethylbenzene	7.005	6.943	0.9	80	0.00
98		tert-butylbenzene	7.666	7.447	2.9	74	0.00
99		1,2,4-trimethylbenzene	7.140	7.086	0.8	77	0.00
100		decane	4.436	3.776	14.9	68	0.00
101	C	Benzyl Chloride	6.019	4.742	21.2	65	0.00
102		1,3-dichlorobenzene	4.976	5.046	-1.4	80	0.00
103	C	1,4-dichlorobenzene	4.973	5.085	-2.3	81	0.00
104		sec-butylbenzene	10.406	10.448	-0.4	76	0.00
106		p-isopropyltoluene	9.700	9.581	1.2	76	0.00
107		1,2-dichlorobenzene	4.880	4.918	-0.8	80	0.00
108		n-butylbenzene	8.756	8.641	1.3	75	0.00
111	C	1,2-dibromo-3-chloropropane	2.552	2.269	11.1	69	0.00
112		undecane	5.478	4.679	14.6	65	0.00
114		dodecane	6.175	6.197	-0.4	67	0.00
115	C	1,2,4-trichlorobenzene	4.551	4.235	6.9	71	0.00
116		naphthalene	11.225	10.900	2.9	71	0.00
117		1,2,3-trichlorobenzene	4.711	4.773	-1.3	72	0.00
119	C	hexachlorobutadiene	3.518	3.442	2.2	74	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264943.D
Acq On : 15 Jul 2025 12:00 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-2,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 15:19:43 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	189637	10.000	ppbV	0.00
Standard Area = 189637			Recovery = 100.00%			
43) 1,4-difluorobenzene	4.365	114	667401	10.000	ppbV	0.00
Standard Area = 667401			Recovery = 100.00%			
67) chlorobenzene-D5	6.455	54	107009	10.000	ppbV	0.00
Standard Area = 107009			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
2) chlorodifluoromethane	1.991	51	98637M6	13.233	ppbV	
3) propylene	2.008	41	77433	8.166	ppbV	94
4) propane	2.013	29	44015	7.412	ppbV	93
5) dichlorodifluoromethane	2.030	85	386755	10.571	ppbV	99
6) chloromethane	2.079	50	107805	9.504	ppbV	96
7) Freon-114	2.112	85	417464	10.966	ppbV	96
8) methanol	2.129	31	178024	45.607	ppbV	95
9) vinyl chloride	2.145	62	134196	9.940	ppbV	99
10) 1,3-butadiene	2.189	54	81349	8.719	ppbV	92
11) butane	2.211	43	149123	8.532	ppbV	99
13) bromomethane	2.277	94	144409	10.645	ppbV	100
14) chloroethane	2.332	64	77328	9.999	ppbV	100
15) ethanol	2.365	31	338181	42.909	ppbV	95
16) dichlorofluoromethane	2.359	67	341888	9.671	ppbV	100
17) vinyl bromide	2.438	106	141165	10.298	ppbV	98
18) acrolein	2.466	56	62386	9.479	ppbV	97
19) acetone	2.506	43	949319	52.265	ppbV	99
20) acetonitrile	2.432	41	97846	8.099	ppbV	98
21) trichlorofluoromethane	2.557	101	472245	12.383	ppbV	97
22) isopropyl alcohol	2.568	45	516072	24.318	ppbV	100
23) acrylonitrile	2.630	53	135334	10.743	ppbV	99
24) pentane	2.653	43	290795	10.342	ppbV	98
25) ethyl ether	2.658	31	135145	9.677	ppbV	94
26) 1,1-dichloroethene	2.732	61	328966	12.555	ppbV	95
27) tertiary butyl alcohol	2.736	59	353008	10.325	ppbV	100
28) methylene chloride	2.760	49	185353	11.680	ppbV	92
29) 3-chloropropene	2.798	41	162666	9.637	ppbV	95
30) carbon disulfide	2.851	76	401676	10.447	ppbV	98
31) Freon 113	2.846	101	384370	13.253	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264943.D
Acq On : 15 Jul 2025 12:00 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-2,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 15:19:43 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
32) trans-1,2-dichloroethene	3.062	61	231243	10.996	ppbV		94
33) 1,1-dichloroethane	3.133	63	338307	12.069	ppbV		98
34) MTBE	3.160	73	457487	11.139	ppbV		97
35) vinyl acetate	3.195	43	346152	9.980	ppbV		95
36) 2-butanone	3.279	43	268542	9.918	ppbV		99
37) cis-1,2-dichloroethene	3.449	61	207170	9.785	ppbV		94
38) Ethyl Acetate	3.576	61	77174	13.258	ppbV	#	1
39) chloroform	3.568	83	354636	10.722	ppbV		99
40) Tetrahydrofuran	3.732	42	128847	9.602	ppbV		93
41) 2,2-dichloropropane	3.576	77	265803	9.089	ppbV		99
42) 1,2-dichloroethane	3.868	62	221888	10.085	ppbV		98
44) hexane	3.546	57	198924	8.351	ppbV		89
45) diisopropyl ether	3.553	87	166249	8.891	ppbV		86
46) tert-butyl ethyl ether	3.779	59	443733	7.813	ppbV		98
48) 1,1,1-trichloroethane	3.982	97	363117	9.715	ppbV		98
49) 1,1-dichloropropene	4.130	75	237495	7.899	ppbV		97
50) benzene	4.186	78	509352	9.543	ppbV		99
52) carbon tetrachloride	4.252	117	359547	9.472	ppbV		100
53) cyclohexane	4.309	56	221862	9.062	ppbV		96
54) tert-amyl methyl ether	4.488	73	430058	8.283	ppbV		99
55) dibromomethane	4.545	93	202922	9.153	ppbV		99
56) 1,2-dichloropropane	4.563	63	171883	9.189	ppbV		96
57) bromodichloromethane	4.658	83	327320	8.758	ppbV		99
58) 1,4-dioxane	4.686	88	90349	8.471	ppbV		91
59) trichloroethene	4.686	130	248850	9.751	ppbV		98
60) 2,2,4-trimethylpentane	4.724	57	611279	8.207	ppbV		97
61) methyl methacrylate	4.818	41	161603	7.758	ppbV		94
62) heptane	4.865	43	184582	7.173	ppbV		95
63) cis-1,3-dichloropropene	5.110	75	272963	9.243	ppbV		98
64) 4-methyl-2-pentanone	5.142	43	259505	7.820	ppbV		98
65) trans-1,3-dichloropropene	5.382	75	215915	8.801	ppbV		98
66) 1,1,2-trichloroethane	5.453	97	227089	9.674	ppbV		97
68) toluene	5.589	91	657820	10.224	ppbV		99
71) 1,3-dichloropropane	5.605	76	288741	9.337	ppbV		94
72) 2-hexanone	5.749	43	250023	8.306	ppbV		98
74) dibromochloromethane	5.781	129	340124	9.463	ppbV		99
75) 1,2-dibromoethane	5.900	107	354893	10.357	ppbV		99
76) butyl acetate	6.092	73	73207	8.647	ppbV		85
77) octane	6.132	85	188116	8.990	ppbV		92
78) tetrachloroethene	6.148	166	319179	10.510	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264943.D
Acq On : 15 Jul 2025 12:00 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-2,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 15:19:43 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : Default-LCS-AP2 - All compounds listed

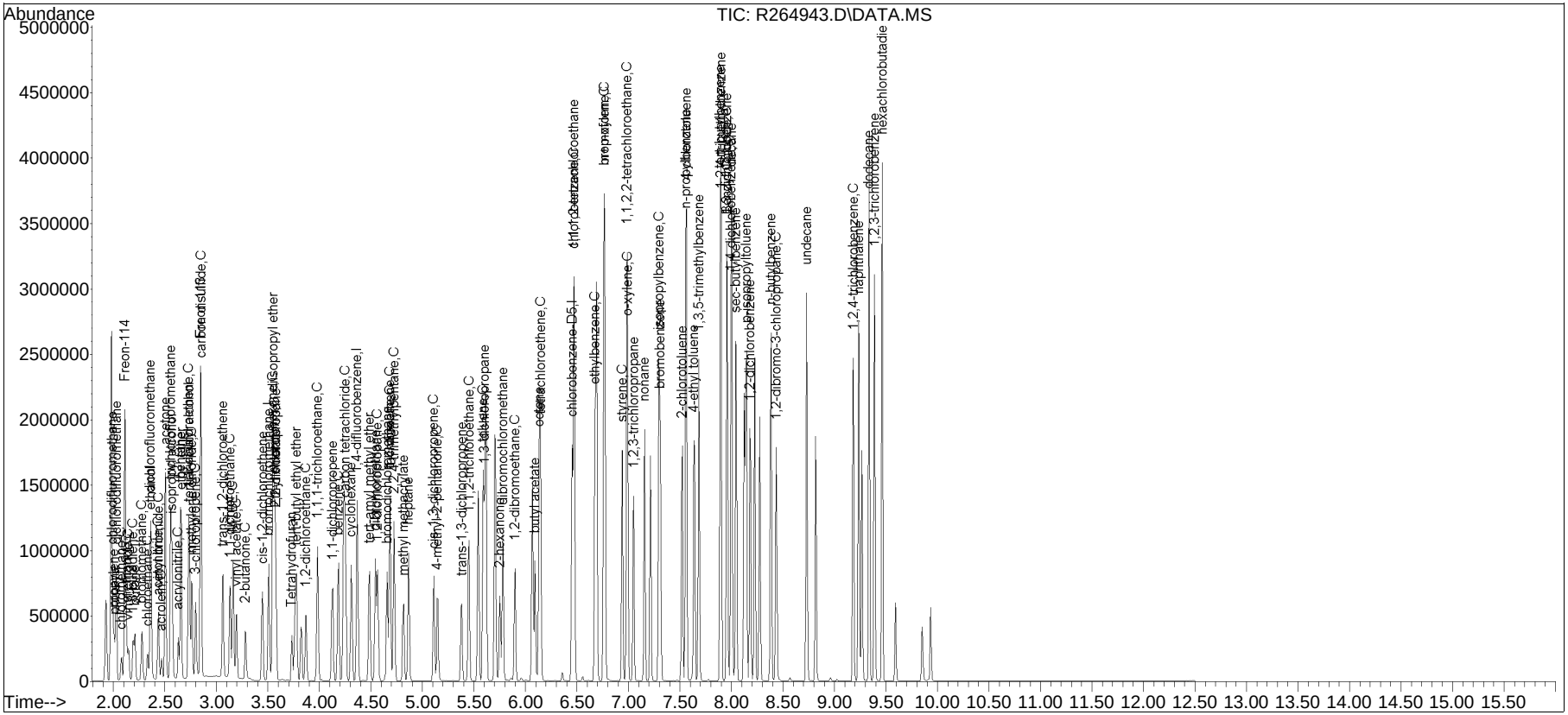
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 1,1,1,2-tetrachloroethane	6.471	131	252749	9.285	ppbV	99
80) chlorobenzene	6.471	112	514840	10.102	ppbV	98
81) ethylbenzene	6.673	91	847010	10.166	ppbV	99
83) m+p-xylene	6.766	91	1348856	19.649	ppbV	99
84) bromoform	6.766	173	306689	9.300	ppbV	98
85) styrene	6.940	104	501099	10.114	ppbV	98
86) 1,1,2,2-tetrachloroethane	6.987	83	488269	10.195	ppbV	98
87) o-xylene	6.993	91	662521	10.153	ppbV	100
88) 1,2,3-trichloropropane	7.051	75	334935	9.133	ppbV	98
89) nonane	7.156	43	304971	8.242	ppbV	99
91) isopropylbenzene	7.295	105	881496	9.882	ppbV	98
92) bromobenzene	7.307	77	561887	9.393	ppbV	98
93) 2-chlorotoluene	7.523	126	222811	9.389	ppbV	96
94) n-propylbenzene	7.555	120	251821	9.694	ppbV	93
95) 4-chlorotoluene	7.563	126	230494	9.592	ppbV	93
96) 4-ethyl toluene	7.635	105	839212	9.906	ppbV	99
97) 1,3,5-trimethylbenzene	7.683	105	743005	9.912	ppbV	100
98) tert-butylbenzene	7.891	119	796901	9.715	ppbV	100
99) 1,2,4-trimethylbenzene	7.899	105	758274	9.924	ppbV	98
100) decane	8.002	57	404102	8.513	ppbV	97
101) Benzyl Chloride	7.954	91	507431	7.879	ppbV	99
102) 1,3-dichlorobenzene	7.954	146	540000	10.141	ppbV	98
103) 1,4-dichlorobenzene	7.994	146	544106	10.224	ppbV	96
104) sec-butylbenzene	8.042	105	1118027	10.040	ppbV	99
106) p-isopropyltoluene	8.146	119	1025202	9.877	ppbV	98
107) 1,2-dichlorobenzene	8.178	146	526273	10.078	ppbV	98
108) n-butylbenzene	8.386	91	924684	9.869	ppbV	100
111) 1,2-dibromo-3-chloropr...	8.433	75	242821	8.893	ppbV	93
112) undecane	8.729	57	500723	8.542	ppbV	98
114) dodecane	9.336	57	663152	10.035	ppbV	98
115) 1,2,4-trichlorobenzene	9.184	180	453178	9.306	ppbV	98
116) naphthalene	9.236	128	1166447	9.711	ppbV	100
117) 1,2,3-trichlorobenzene	9.388	180	510754	10.132	ppbV	99
119) hexachlorobutadiene	9.464	225	368341	9.786	ppbV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedR264943.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264943.D
Acq On : 15 Jul 2025 12:00 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-2,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 2 Sample Multiplier: 1

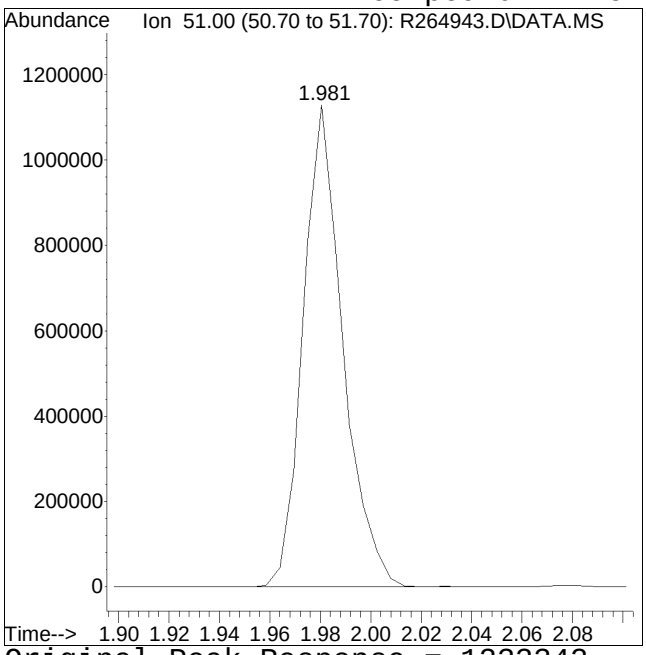
Quant Time: Jul 15 15:19:43 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration



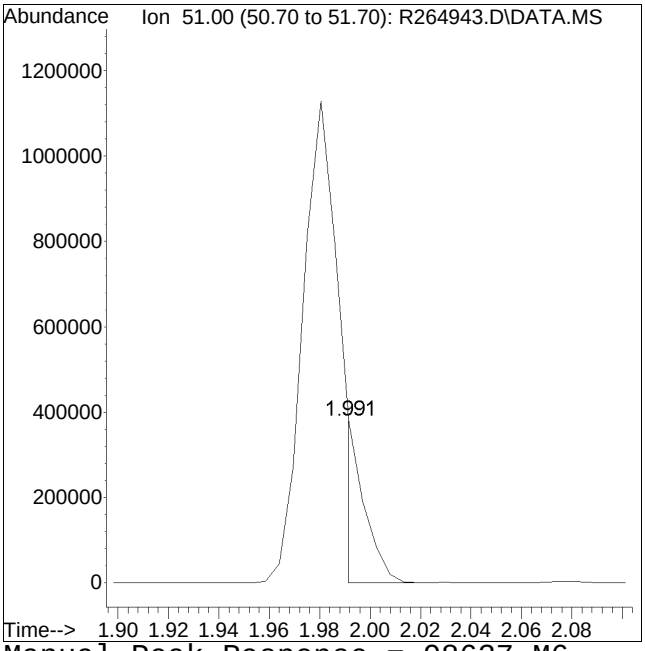
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264943.D Operator : AIRLAB26:RAY
Date Inj'd : 7/15/2025 12:00 pm Instrument : Airlab26
Sample : WG2090986-2,3,250,250 Quant Date : 7/15/2025 3:19 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 1233342



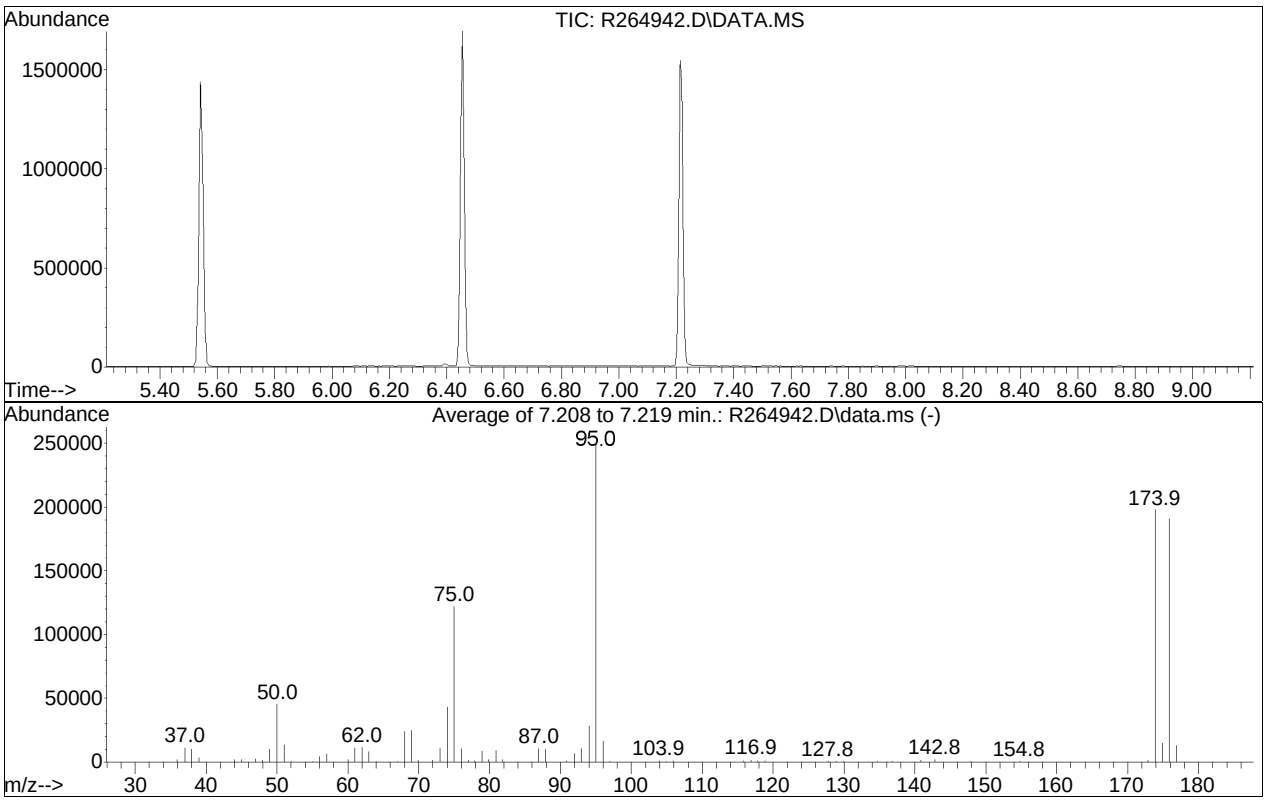
Manual Peak Response = 98637 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264942.D
Acq On : 15 Jul 2025 11:21 am
Operator : AIRLAB26:RAY
Sample : WG2090986-1,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Jul 10 11:46:53 2025



Spectrum Information: Average of 7.208 to 7.219 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	18.2	45648	PASS
75	95	30	66	48.8	122168	PASS
95	95	100	100	100.0	250517	PASS
96	95	5	9	6.6	16592	PASS
173	174	0.00	2	0.7	1473	PASS
174	95	50	120	79.1	198125	PASS
175	174	4	9	7.6	15043	PASS
176	174	93	101	96.4	190925	PASS
177	176	5	9	6.7	12873	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264946.D
Acq On : 15 Jul 2025 05:48 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-4,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 06:27:39 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	211435	10.000	ppbV	0.00
Standard Area = 189637			Recovery = 111.49%			
43) 1,4-difluorobenzene	4.375	114	665141	10.000	ppbV	0.00
Standard Area = 667401			Recovery = 99.66%			
67) chlorobenzene-D5	6.455	54	103242	10.000	ppbV	0.00
Standard Area = 107009			Recovery = 96.48%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.030		0	N.D.		
6) chloromethane	2.068		0	N.D.		
7) Freon-114	2.030		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	2.200		0	N.D.		
13) bromomethane	2.206		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.370	31	610	0.069	ppbV #	3
17) vinyl bromide	0.000		0	N.D.		
19) acetone	2.517	43	3211	0.159	ppbV #	86
21) trichlorofluoromethane	0.000		0	N.D.		
22) isopropyl alcohol	2.585	45	2323	0.098	ppbV #	87
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	2.755		0	N.D.		
28) methylene chloride	2.765	49	1356	0.077	ppbV	97
29) 3-chloropropene	2.822		0	N.D.		
30) carbon disulfide	2.856		0	N.D.		
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	2.974		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	3.279		0	N.D.		
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	3.516		0	N.D.		
40) Tetrahydrofuran	3.860		0	N.D.		
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	0.000		0	N.D.		

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264946.D
Acq On : 15 Jul 2025 05:48 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-4,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 06:27:39 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	4.186		0	N.D.		
52) carbon tetrachloride	0.000		0	N.D.		
53) cyclohexane	0.000		0	N.D.	d	
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	0.000		0	N.D.		
62) heptane	4.790		0	N.D.		
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	5.238		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	5.597		0	N.D.		
72) 2-hexanone	5.812		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	0.000		0	N.D.		
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	6.766		0	N.D.		
83) m+p-xylene	6.766		0	N.D.		
84) bromoform	0.000		0	N.D.		
85) styrene	0.000		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	7.004		0	N.D.		
96) 4-ethyl toluene	7.699		0	N.D.		
97) 1,3,5-trimethylbenzene	7.699		0	N.D.		
99) 1,2,4-trimethylbenzene	7.915		0	N.D.		
101) Benzyl Chloride	7.907		0	N.D.		
102) 1,3-dichlorobenzene	7.970		0	N.D.		
103) 1,4-dichlorobenzene	8.018		0	N.D.		
107) 1,2-dichlorobenzene	8.194		0	N.D.		
115) 1,2,4-trichlorobenzene	9.195		0	N.D.		
116) naphthalene	9.254		0	N.D.		
119) hexachlorobutadiene	9.476		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264946.D
Acq On : 15 Jul 2025 05:48 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-4,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 06:27:39 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

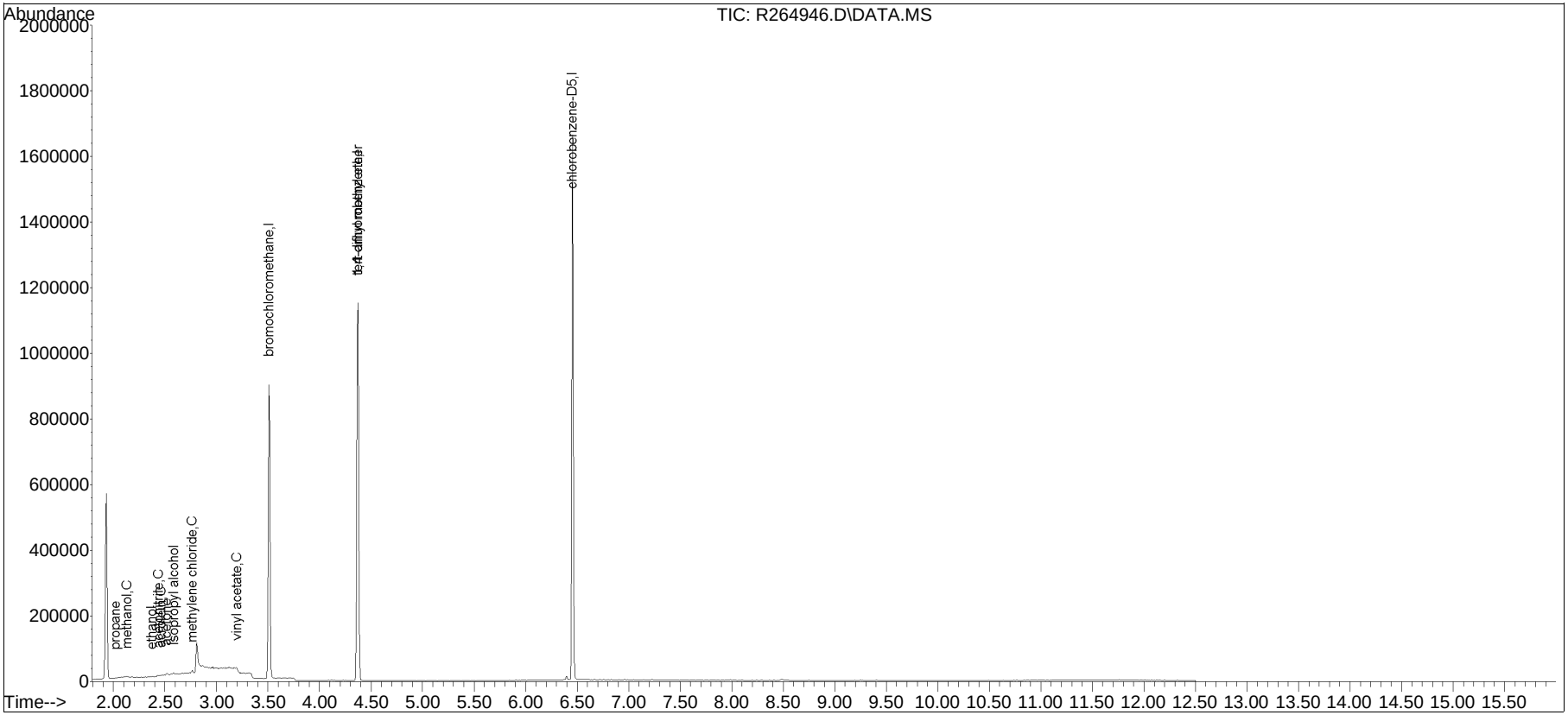
CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : Default-LCS-AP2 - All compounds listed

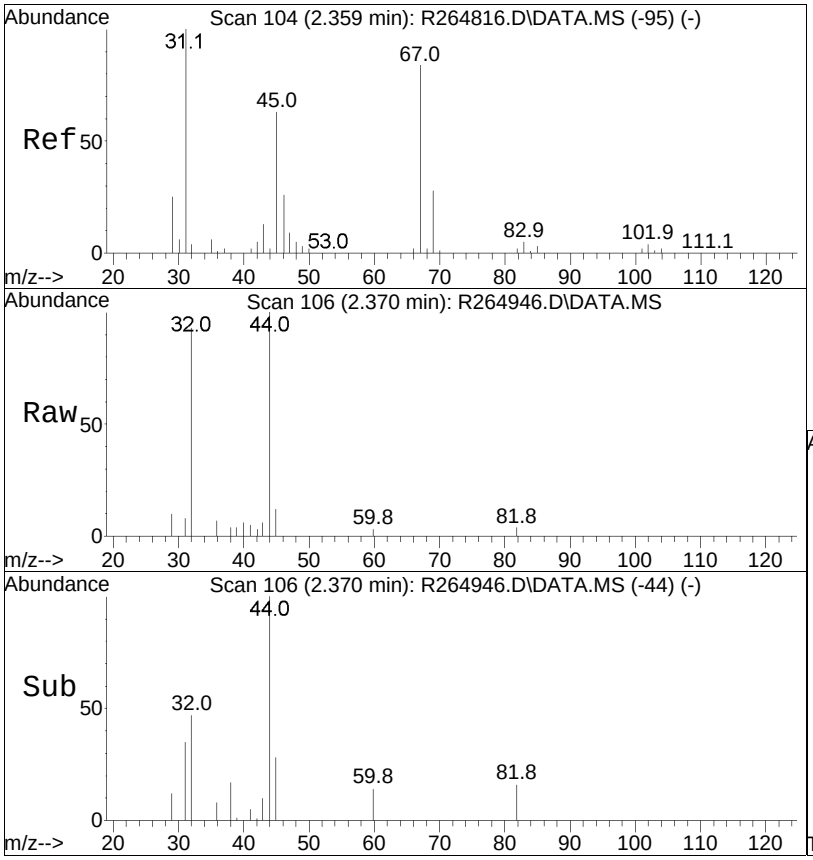
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listedR264943.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264946.D
Acq On : 15 Jul 2025 05:48 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-4,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 16 06:27:39 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

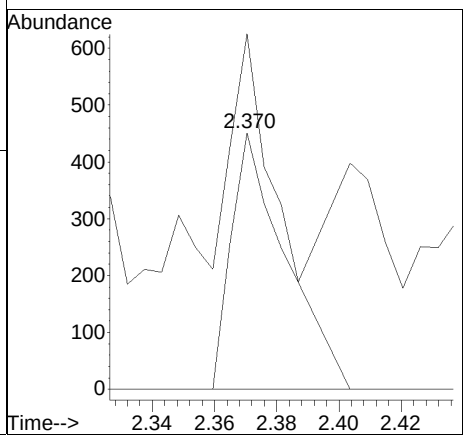


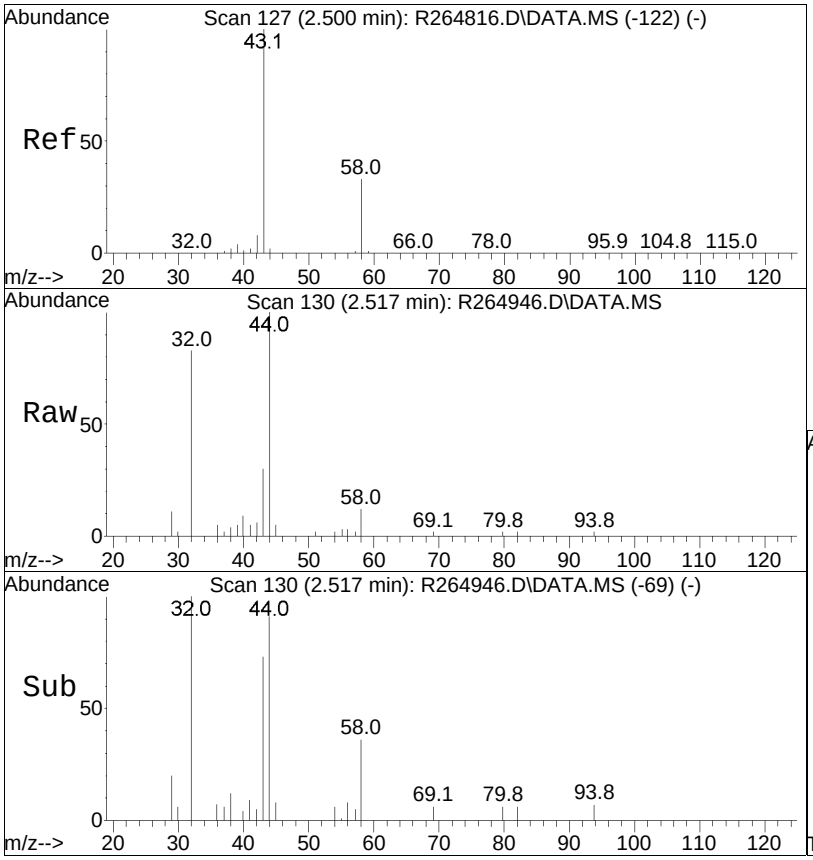


#15
ethanol
Concen: 0.07 ppbV
RT: 2.370 min Scan# 106
Delta R.T. 0.011 min
Lab File: R264946.D
Acq: 15 Jul 2025 05:48 pm

Tgt Ion: 31 Resp: 610

Ion	Ratio	Lower	Upper
31	100		
45	138.6	50.7	76.1#

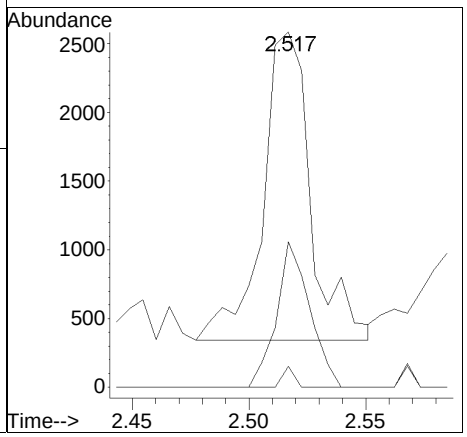


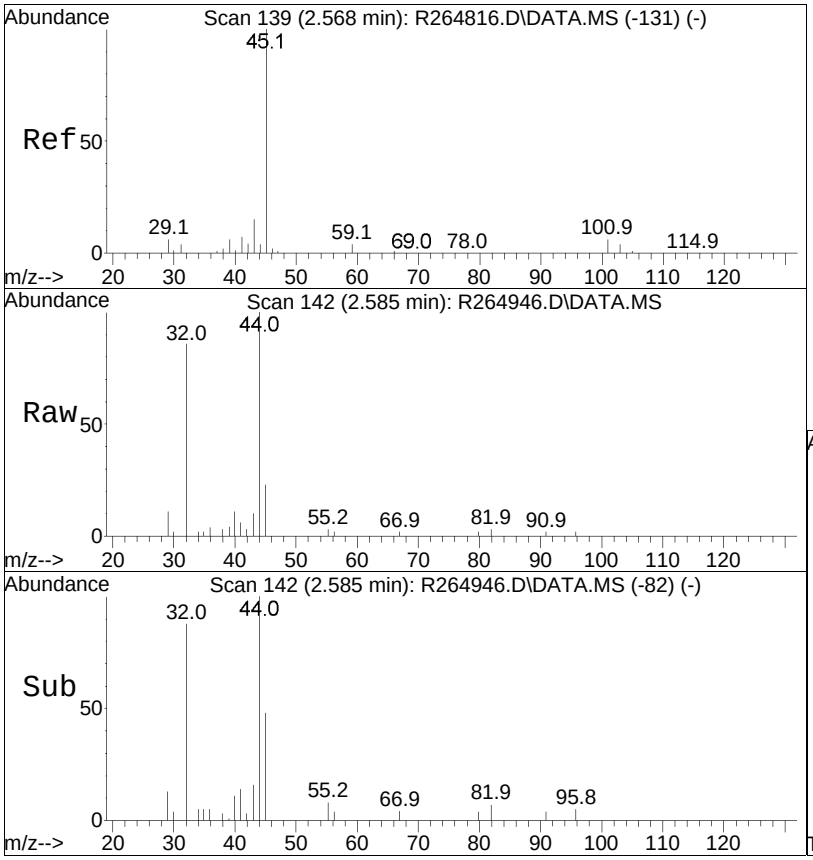


#19
acetone
Concen: 0.16 ppbV
RT: 2.517 min Scan# 130
Delta R.T. 0.017 min
Lab File: R264946.D
Acq: 15 Jul 2025 05:48 pm

Tgt Ion: 43 Resp: 3211

Ion	Ratio	Lower	Upper
43	100		
58	41.0	26.3	39.5#
57	5.9	0.8	1.2#

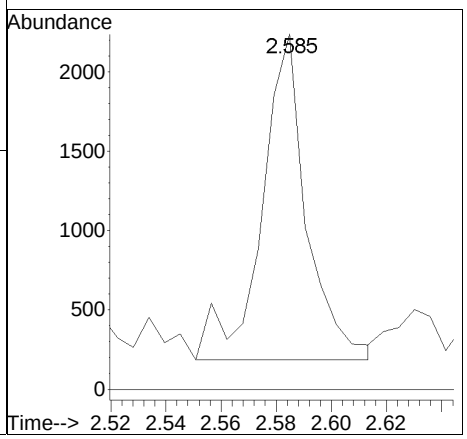


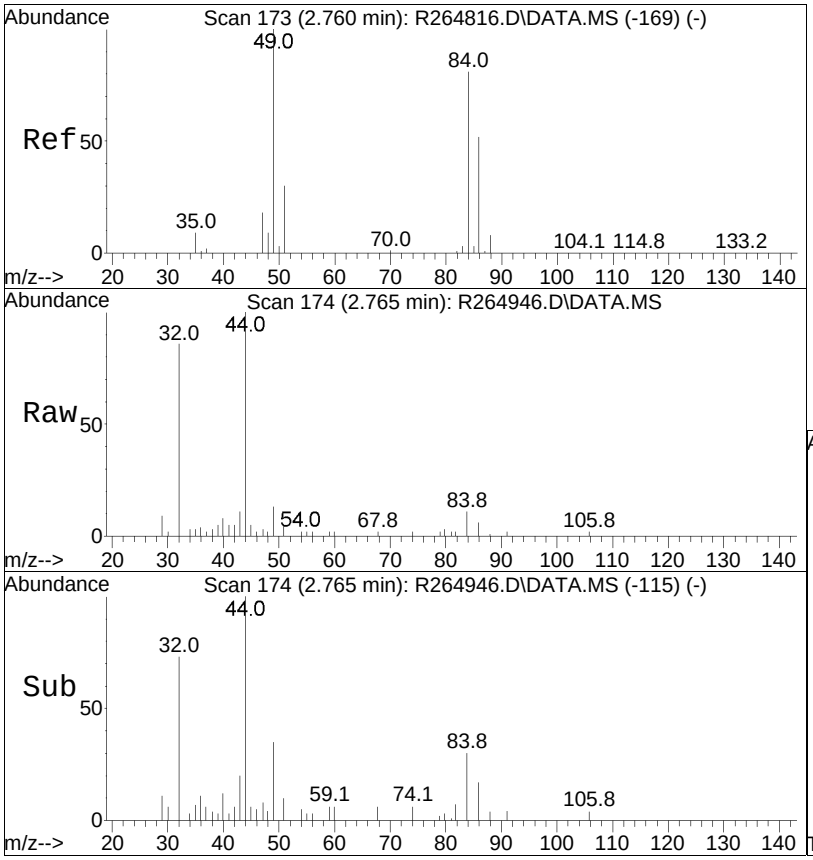


#22
isopropyl alcohol
Concen: 0.10 ppbV
RT: 2.585 min Scan# 142
Delta R.T. 0.017 min
Lab File: R264946.D
Acq: 15 Jul 2025 05:48 pm

Tgt Ion: 45 Resp: 2323

Ion	Ratio	Lower	Upper
45	100		
59	0.0	3.5	5.3#

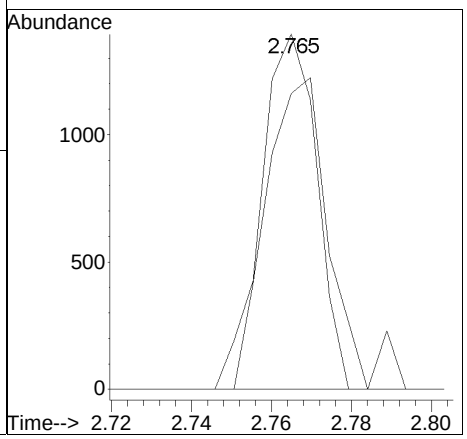




#28
methylene chloride
Concen: 0.08 ppbV
RT: 2.765 min Scan# 174
Delta R.T. 0.005 min
Lab File: R264946.D
Acq: 15 Jul 2025 05:48 pm

Tgt Ion: 49 Resp: 1356

Ion	Ratio	Lower	Upper
49	100		
84	83.3	64.4	96.6



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab26\20	QMethod	: TFS26_250709.M
Data File	: R264946.D	Operator	: AIRLAB26:RAY
Date Inj'd	: 7/15/2025 5:48 pm	Instrument	: Airlab26
Sample	: WG2090986-4,3,250,250	Quant Date	: 7/16/2025 6:27 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264944.D
Acq On : 15 Jul 2025 12:39 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-3,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 15 13:03:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	bromochloromethane	10.000	10.000	0.0	89	0.00
2		chlorodifluoromethane	10.000	20.293	-102.9#	214	0.00
3		propylene	10.000	8.489	15.1	81	0.00
4		propane	10.000	7.358	26.4	68	0.01
5		dichlorodifluoromethane	10.000	10.502	-5.0	95	0.00
6	C	chloromethane	10.000	8.859	11.4	82	0.00
7		Freon-114	10.000	11.604	-16.0	105	0.01
8	C	methanol	50.000	39.363	21.3	95	0.00
9	C	vinyl chloride	10.000	9.864	1.4	90	0.00
10	C	1,3-butadiene	10.000	9.183	8.2	89	0.00
11		butane	10.000	7.500	25.0	68	0.00
13	C	bromomethane	10.000	11.356	-13.6	106	0.01
14	C	chloroethane	10.000	10.257	-2.6	95	0.01
15		ethanol	50.000	34.708	30.6#	62	0.00
16		dichlorofluoromethane	10.000	8.674	13.3	80	0.01
17	C	vinyl bromide	10.000	11.074	-10.7	103	0.00
18	C	acrolein	10.000	7.801	22.0	70	0.00
19		acetone	50.000	42.021	16.0	77	0.00
20	C	acetonitrile	10.000	6.928	30.7#	70	0.00
21		trichlorofluoromethane	10.000	12.348	-23.5	110	0.00
22		isopropyl alcohol	25.000	19.299	22.8	73	0.00
23	C	acrylonitrile	10.000	8.960	10.4	84	0.00
24		pentane	10.000	8.738	12.6	79	0.00
25		ethyl ether	10.000	8.740	12.6	87	0.00
26	C	1,1-dichloroethene	10.000	10.684	-6.8	90	0.00
27		tertiary butyl alcohol	10.000	8.375	16.3	73	0.00
28	C	methylene chloride	10.000	11.468	-14.7	103	0.00
29	C	3-chloropropene	10.000	10.146	-1.5	96	0.00
30	C	carbon disulfide	10.000	10.958	-9.6	101	0.00
31		Freon 113	10.000	12.681	-26.8	112	0.00
32		trans-1,2-dichloroethene	10.000	11.359	-13.6	104	0.00
33	C	1,1-dichloroethane	10.000	11.750	-17.5	106	0.00
34	C	MTBE	10.000	11.512	-15.1	104	0.00
35	C	vinyl acetate	10.000	6.814	31.9#	63	0.00
36	C	2-butanone	10.000	9.399	6.0	81	0.00
37		cis-1,2-dichloroethene	10.000	11.089	-10.9	100	0.00
38		Ethyl Acetate	10.000	9.052	9.5	88	0.00
39	C	chloroform	10.000	11.698	-17.0	104	0.00
40		Tetrahydrofuran	10.000	9.825	1.8	77	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264944.D
Acq On : 15 Jul 2025 12:39 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-3,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 15 13:03:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	10.000	9.200	8.0	81	0.00
42	C	1,2-dichloroethane	10.000	11.087	-10.9	100	0.00
43	I	1,4-difluorobenzene	10.000	10.000	0.0	95	0.00
44	C	hexane	10.000	10.169	-1.7	104	0.00
45		diisopropyl ether	10.000	9.344	6.6	89	0.00
46		tert-butyl ethyl ether	10.000	8.624	13.8	88	0.00
48	C	1,1,1-trichloroethane	10.000	10.686	-6.9	103	0.00
49		1,1-dichloropropene	10.000	8.421	15.8	75	0.00
50	C	benzene	10.000	10.596	-6.0	100	0.00
52	C	carbon tetrachloride	10.000	10.405	-4.0	101	0.00
53		cyclohexane	10.000	9.764	2.4	98	0.00
54		tert-amyl methyl ether	10.000	8.857	11.4	83	0.00
55		dibromomethane	10.000	8.891	11.1	86	0.00
56	C	1,2-dichloropropane	10.000	10.184	-1.8	96	0.00
57		bromodichloromethane	10.000	10.594	-5.9	103	0.00
58	C	1,4-dioxane	10.000	10.372	-3.7	108	0.00
59	C	trichloroethene	10.000	10.879	-8.8	102	0.00
60	C	2,2,4-trimethylpentane	10.000	10.135	-1.3	98	0.00
61		methyl methacrylate	10.000	8.071	19.3	77	0.00
62		heptane	10.000	9.316	6.8	98	0.00
63	C	cis-1,3-dichloropropene	10.000	11.077	-10.8	104	0.00
64	C	4-methyl-2-pentanone	10.000	9.649	3.5	94	0.00
65		trans-1,3-dichloropropene	10.000	11.724	-17.2	111	0.00
66	C	1,1,2-trichloroethane	10.000	10.748	-7.5	103	0.00
67	I	chlorobenzene-D5	10.000	10.000	0.0	87	0.00
68	C	toluene	10.000	11.947	-19.5	102	0.00
71		1,3-dichloropropane	10.000	9.744	2.6	82	0.00
72		2-hexanone	10.000	10.257	-2.6	90	0.00
74		dibromochloromethane	10.000	11.781	-17.8	102	0.00
75	C	1,2-dibromoethane	10.000	12.429	-24.3	106	0.00
76		butyl acetate	10.000	9.246	7.5	79	0.00
77		octane	10.000	9.675	3.2	82	0.00
78	C	tetrachloroethene	10.000	11.944	-19.4	102	0.00
79		1,1,1,2-tetrachloroethane	10.000	9.339	6.6	80	0.00
80	C	chlorobenzene	10.000	11.557	-15.6	99	0.00
81	C	ethylbenzene	10.000	10.648	-6.5	90	0.00
83	C	m+p-xylene	20.000	21.070	-5.4	92	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264944.D
Acq On : 15 Jul 2025 12:39 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-3,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 15 13:03:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
84	C	bromoform	10.000	11.112	-11.1	95	0.00
85	C	styrene	10.000	11.047	-10.5	94	0.00
86	C	1,1,2,2-tetrachloroethane	10.000	11.227	-12.3	96	0.00
87	C	o-xylene	10.000	10.995	-9.9	95	0.00
88		1,2,3-trichloropropane	10.000	8.682	13.2	74	0.00
89		nonane	10.000	7.889	21.1	67	0.00
91	C	isopropylbenzene	10.000	10.656	-6.6	87	0.00
92		bromobenzene	10.000	8.381	16.2	84	0.00
93		2-chlorotoluene	10.000	8.947	10.5	74	0.00
94		n-propylbenzene	10.000	9.189	8.1	77	0.00
95		4-chlorotoluene	10.000	8.952	10.5	75	0.00
96		4-ethyl toluene	10.000	11.396	-14.0	97	0.00
97		1,3,5-trimethylbenzene	10.000	11.311	-13.1	97	0.00
98		tert-butylbenzene	10.000	9.685	3.1	79	0.00
99		1,2,4-trimethylbenzene	10.000	11.532	-15.3	95	0.00
100		decane	10.000	8.244	17.6	70	0.00
101	C	Benzyl Chloride	10.000	7.652	23.5	67	0.00
102		1,3-dichlorobenzene	10.000	11.338	-13.4	95	0.00
103	C	1,4-dichlorobenzene	10.000	11.723	-17.2	99	0.00
104		sec-butylbenzene	10.000	9.547	4.5	77	0.00
106		p-isopropyltoluene	10.000	8.271	17.3	67	0.00
107		1,2-dichlorobenzene	10.000	11.237	-12.4	95	0.00
108		n-butylbenzene	10.000	9.688	3.1	78	0.00
111	C	1,2-dibromo-3-chloropropane	10.000	7.972	20.3	66	0.00
112		undecane	10.000	8.083	19.2	66	0.00
114		dodecane	10.000	9.928	0.7	71	0.00
115	C	1,2,4-trichlorobenzene	10.000	10.354	-3.5	85	0.00
116		naphthalene	10.000	9.300	7.0	72	0.00
117		1,2,3-trichlorobenzene	10.000	10.186	-1.9	77	0.00
119	C	hexachlorobutadiene	10.000	10.324	-3.2	83	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 2

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264944.D
Acq On : 15 Jul 2025 12:39 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-3,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 15 13:03:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	217481	10.000	ppbV	0.00
Standard Area = 189637			Recovery = 114.68%			
43) 1,4-difluorobenzene	4.365	114	754619	10.000	ppbV	0.00
Standard Area = 667401			Recovery = 113.07%			
67) chlorobenzene-D5	6.455	54	113937	10.000	ppbV	0.00
Standard Area = 107009			Recovery = 106.47%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.030	85	440667	10.502	ppbV	99
6) chloromethane	2.079	50	115239	8.859	ppbV	97
7) Freon-114	2.118	85	506640	11.604	ppbV	97
9) vinyl chloride	2.151	62	152728	9.864	ppbV	97
10) 1,3-butadiene	2.195	54	98256	9.183	ppbV	93
13) bromomethane	2.283	94	176667	11.356	ppbV	98
14) chloroethane	2.337	64	90969	10.257	ppbV	99
15) ethanol	2.365	31	313707	34.708	ppbV	98
17) vinyl bromide	2.443	106	174092	11.074	ppbV	98
19) acetone	2.506	43	875320	42.021	ppbV	99
21) trichlorofluoromethane	2.556	101	540088	12.348	ppbV	98
22) isopropyl alcohol	2.573	45	469693	19.299	ppbV	100
26) 1,1-dichloroethene	2.732	61	321061	10.684	ppbV	96
27) tertiary butyl alcohol	2.741	59	328377	8.375	ppbV	99
28) methylene chloride	2.765	49	208709	11.468	ppbV	89
29) 3-chloropropene	2.803	41	196393	10.146	ppbV	97
30) carbon disulfide	2.851	76	483154	10.958	ppbV	97
31) Freon 113	2.851	101	421786	12.681	ppbV	98
32) trans-1,2-dichloroethene	3.067	61	273945	11.359	ppbV	95
33) 1,1-dichloroethane	3.133	63	377740	11.750	ppbV	98
34) MTBE	3.164	73	542247	11.512	ppbV	98
36) 2-butanone	3.284	43	291867	9.399	ppbV	99
37) cis-1,2-dichloroethene	3.449	61	269270	11.089	ppbV	96
38) Ethyl Acetate	3.553	61	60427M4	9.052	ppbV	
39) chloroform	3.568	83	443716	11.698	ppbV	98
40) Tetrahydrofuran	3.732	42	151183M6	9.825	ppbV	
42) 1,2-dichloroethane	3.868	62	279768	11.087	ppbV	98
44) hexane	3.546	57	273878	10.169	ppbV #	69

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264944.D
Acq On : 15 Jul 2025 12:39 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-3,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 15 13:03:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,1,1-trichloroethane	3.982	97	451612	10.686	ppbV		99
50) benzene	4.186	78	639457	10.596	ppbV		99
52) carbon tetrachloride	4.252	117	446590	10.405	ppbV		100
53) cyclohexane	4.309	56	270297	9.764	ppbV		98
56) 1,2-dichloropropane	4.563	63	215382	10.184	ppbV		99
57) bromodichloromethane	4.658	83	447666	10.594	ppbV		99
58) 1,4-dioxane	4.686	88	125079	10.372	ppbV		94
59) trichloroethene	4.686	130	313904	10.879	ppbV		99
60) 2,2,4-trimethylpentane	4.724	57	853542	10.135	ppbV		100
62) heptane	4.865	43	271054	9.316	ppbV		96
63) cis-1,3-dichloropropene	5.110	75	369865	11.077	ppbV		99
64) 4-methyl-2-pentanone	5.150	43	362033	9.649	ppbV	#	94
65) trans-1,3-dichloropropene	5.381	75	325212	11.724	ppbV		98
66) 1,1,2-trichloroethane	5.453	97	285252	10.748	ppbV		98
68) toluene	5.589	91	818466	11.947	ppbV		100
72) 2-hexanone	5.749	43	328726	10.257	ppbV		97
74) dibromochloromethane	5.781	129	450864	11.781	ppbV		98
75) 1,2-dibromoethane	5.900	107	453473	12.429	ppbV		100
78) tetrachloroethene	6.148	166	386208	11.944	ppbV		99
80) chlorobenzene	6.471	112	627125	11.557	ppbV		99
81) ethylbenzene	6.673	91	944625	10.648	ppbV		100
83) m+p-xylene	6.766	91	1540026	21.070	ppbV		100
84) bromoform	6.766	173	390178	11.112	ppbV		98
85) styrene	6.940	104	582757	11.047	ppbV		97
86) 1,1,2,2-tetrachloroethane	6.987	83	572522	11.227	ppbV		99
87) o-xylene	6.992	91	763946	10.995	ppbV		99
96) 4-ethyl toluene	7.635	105	1027914	11.396	ppbV		99
97) 1,3,5-trimethylbenzene	7.683	105	902761	11.311	ppbV		100
99) 1,2,4-trimethylbenzene	7.899	105	938161	11.532	ppbV		93
101) Benzyl Chloride	7.954	91	524715	7.652	ppbV		100
102) 1,3-dichlorobenzene	7.954	146	642788	11.338	ppbV		98
103) 1,4-dichlorobenzene	7.994	146	664298	11.723	ppbV		97
107) 1,2-dichlorobenzene	8.186	146	624820	11.237	ppbV		90
115) 1,2,4-trichlorobenzene	9.184	180	536875	10.354	ppbV		97
116) naphthalene	9.236	128	1189484	9.300	ppbV		99
119) hexachlorobutadiene	9.464	225	413752	10.324	ppbV		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264944.D
Acq On : 15 Jul 2025 12:39 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-3,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 15 13:03:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

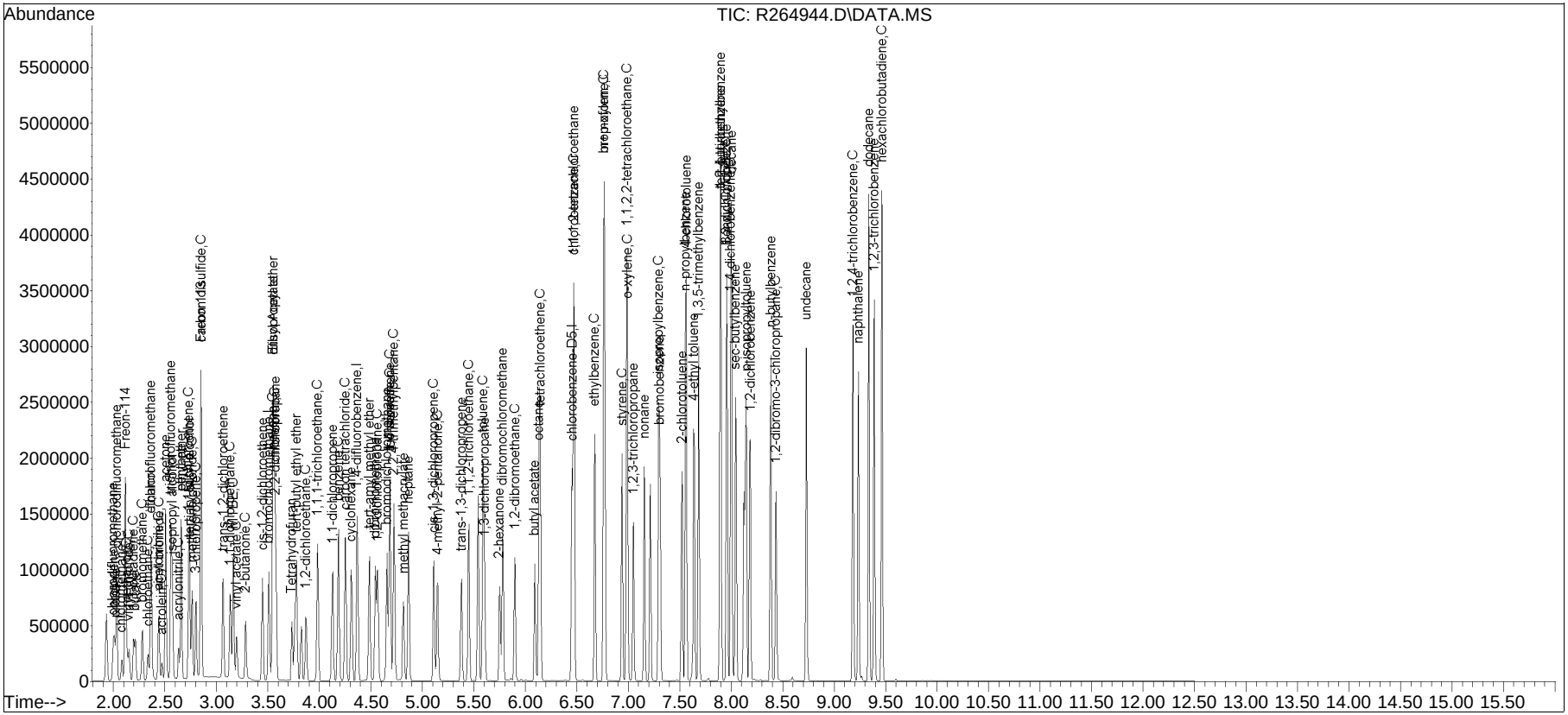
CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : Default-LCS-AP2 - All compounds listed

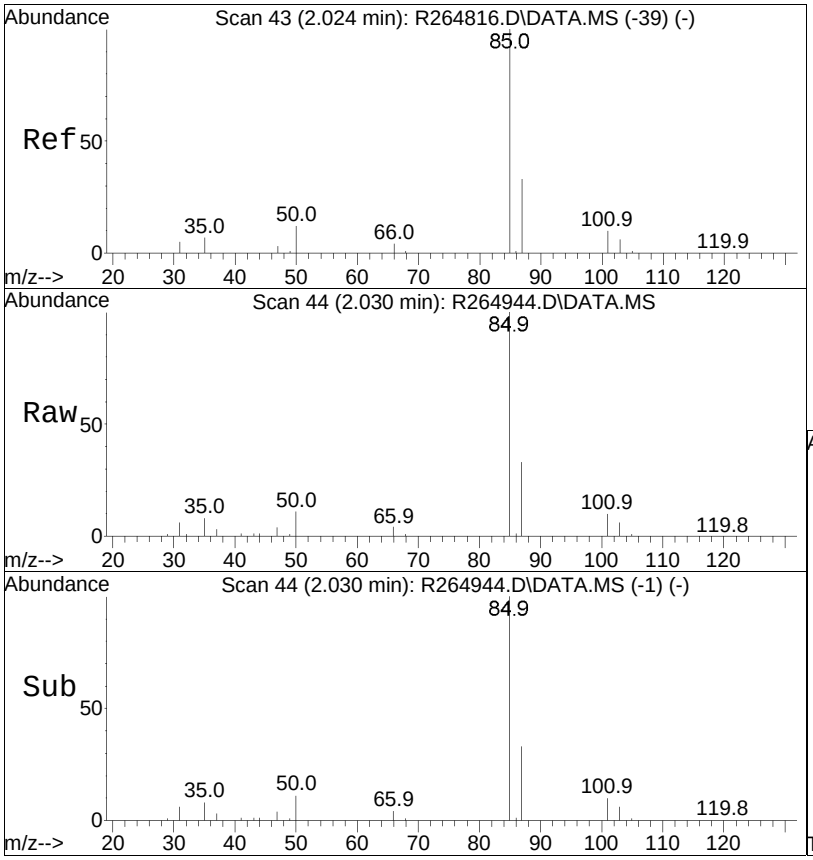
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listedR264943.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264944.D
Acq On : 15 Jul 2025 12:39 pm
Operator : AIRLAB26:RAY
Sample : WG2090986-3,3,250,250
Misc : WG2090986,ICAL22465
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 15 13:03:38 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:56 2025
Response via : Initial Calibration

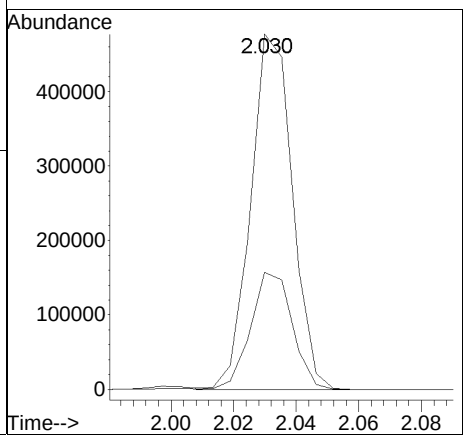


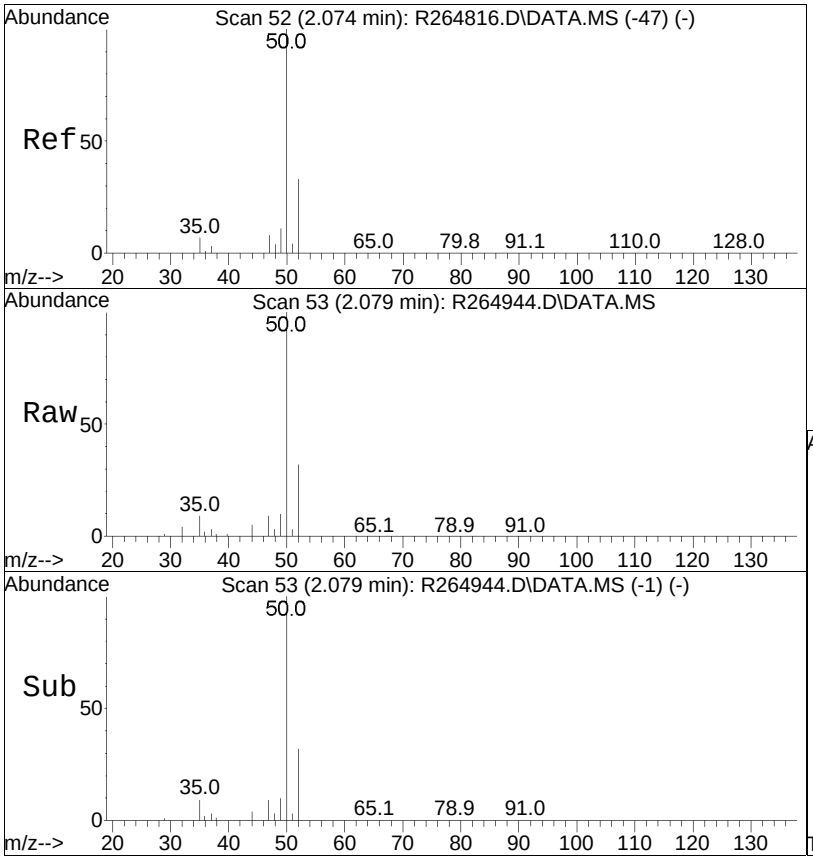


#5
dichlorodifluoromethane
Concen: 10.50 ppbV
RT: 2.030 min Scan# 44
Delta R.T. 0.005 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 85 Resp: 440667

Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.1	39.1

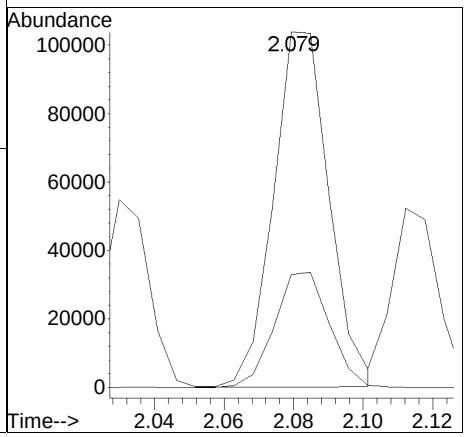


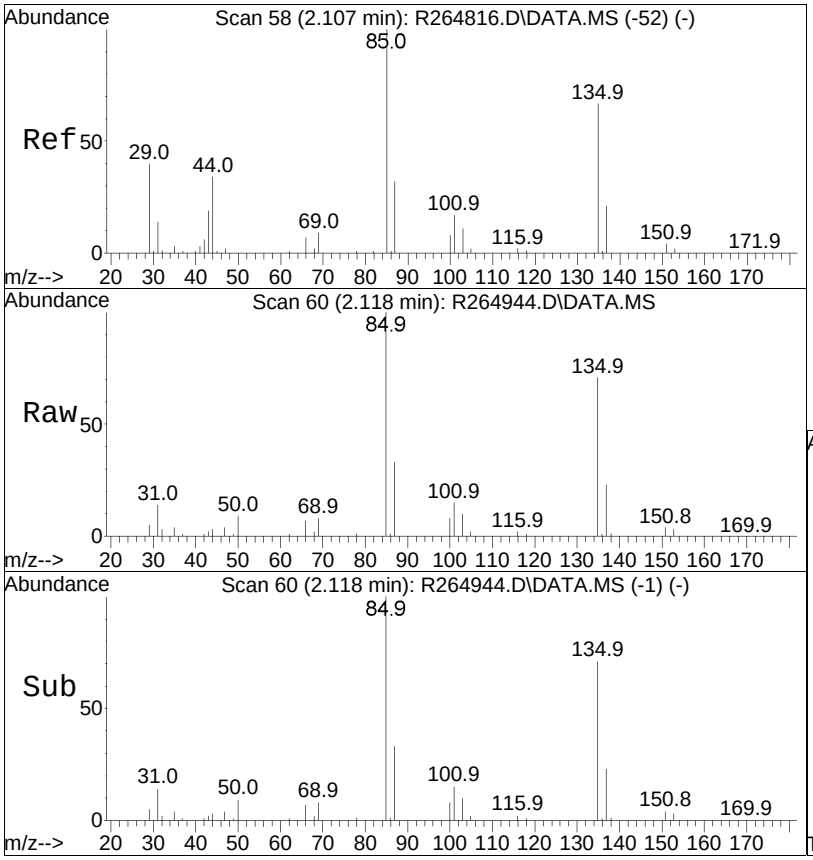


#6
chloromethane
Concen: 8.86 ppbV
RT: 2.079 min Scan# 53
Delta R.T. 0.005 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 50 Resp: 115239

Ion	Ratio	Lower	Upper
50	100		
52	31.8	26.6	40.0

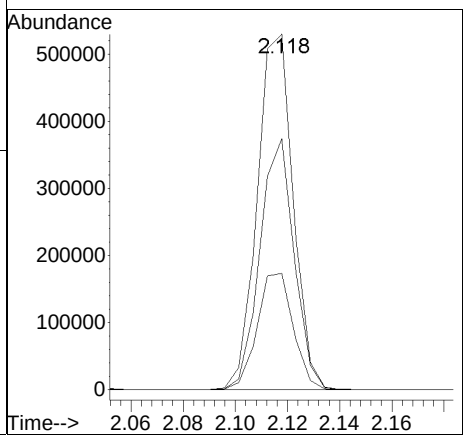


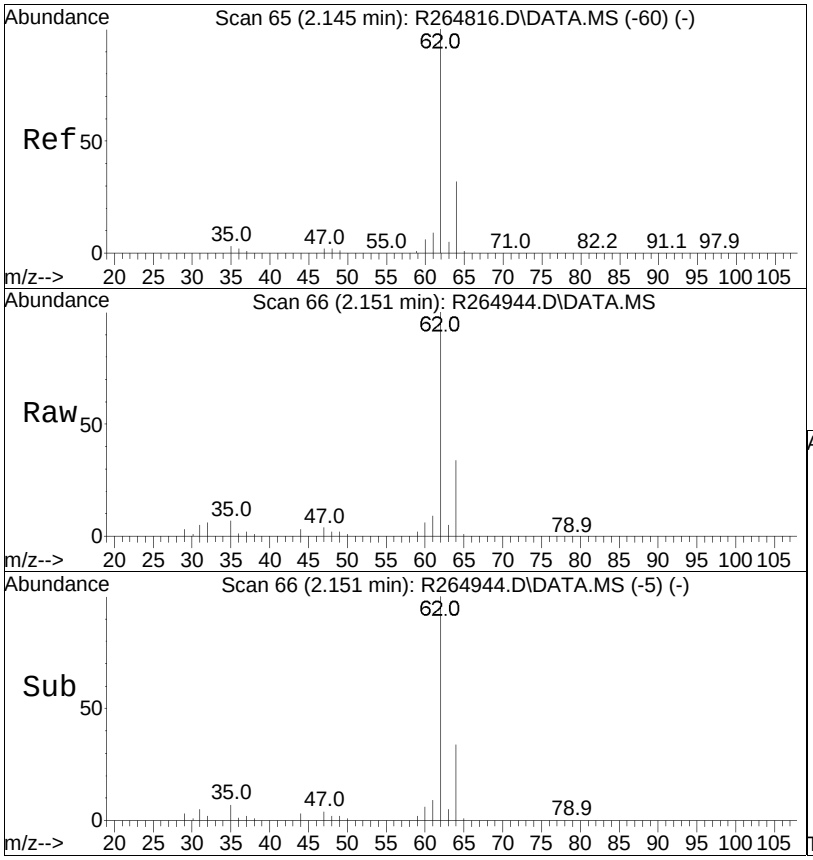


#7
Freon-114
Concen: 11.60 ppbV
RT: 2.118 min Scan# 60
Delta R.T. 0.011 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 85 Resp: 506640

Ion	Ratio	Lower	Upper
85	100		
87	32.7	25.8	38.6
135	70.6	53.6	80.4

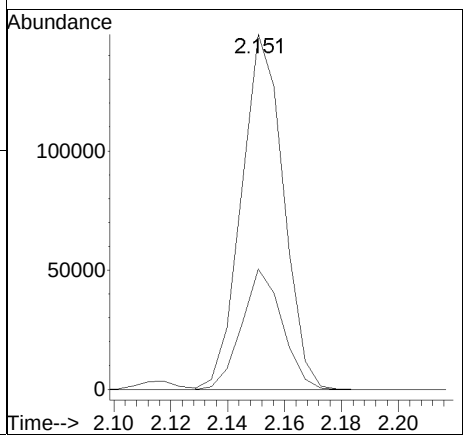


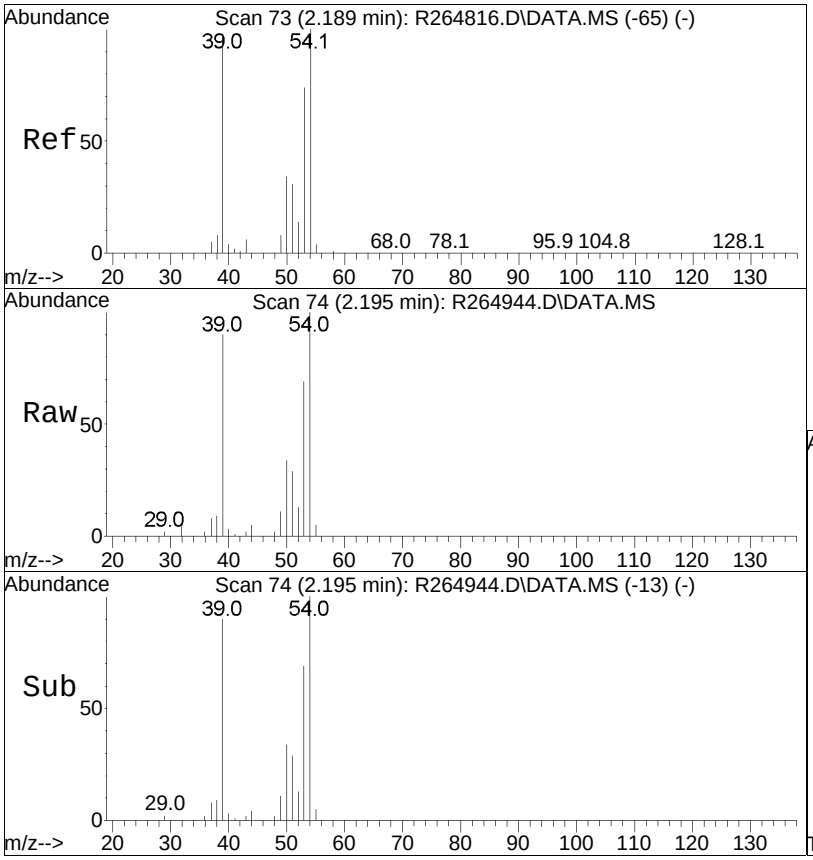


#9
vinyl chloride
Concen: 9.86 ppbV
RT: 2.151 min Scan# 66
Delta R.T. 0.005 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 62 Resp: 152728

Ion	Ratio	Lower	Upper
62	100		
64	33.9	25.8	38.8

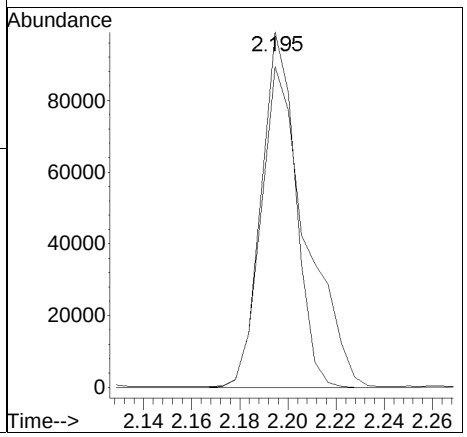


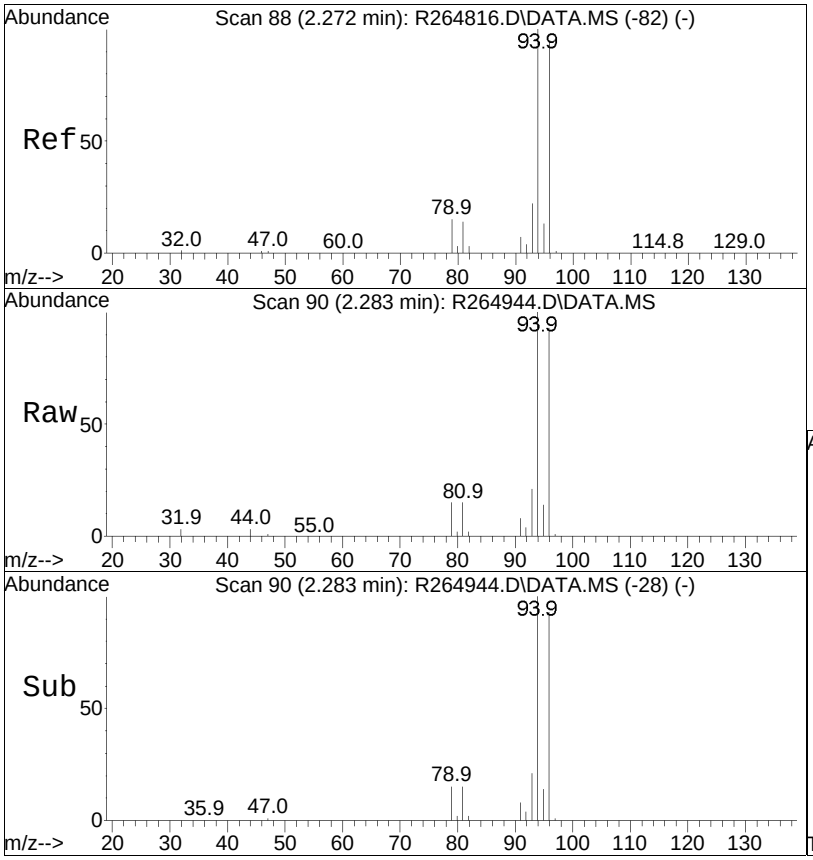


#10
1,3-butadiene
Concen: 9.18 ppbV
RT: 2.195 min Scan# 74
Delta R.T. 0.005 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 54 Resp: 98256

Ion	Ratio	Lower	Upper
54	100		
39	90.2	78.0	117.0

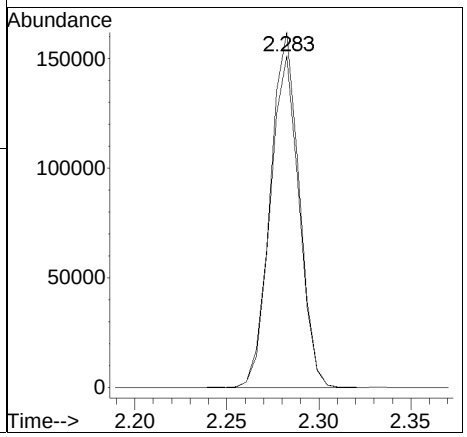


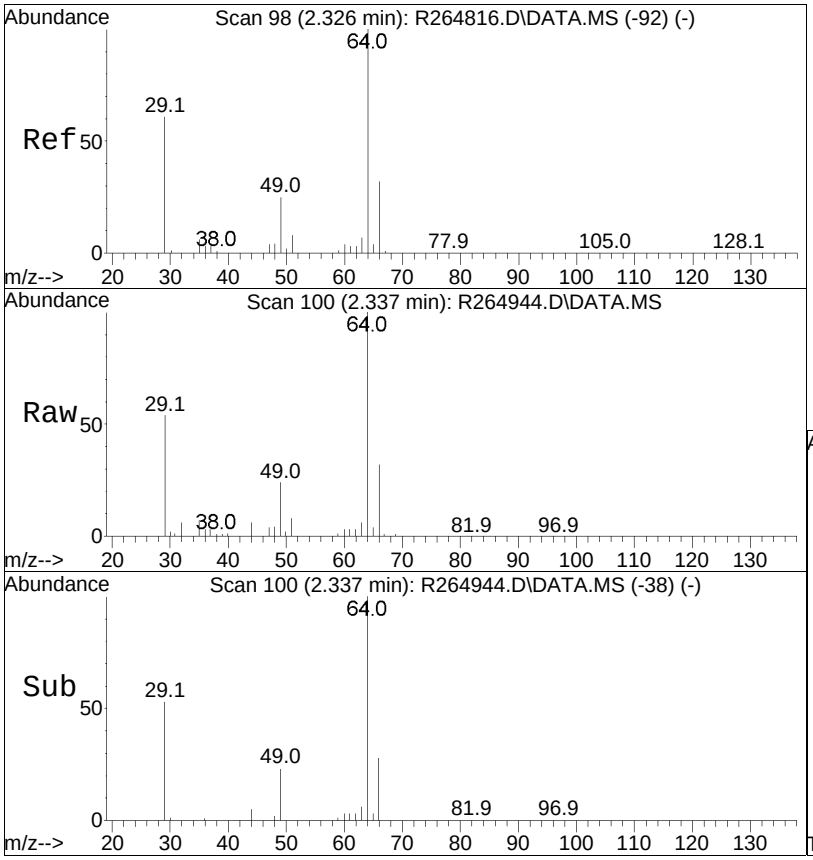


#13
bromomethane
Concen: 11.36 ppbV
RT: 2.283 min Scan# 90
Delta R.T. 0.011 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 94 Resp: 176667

Ion	Ratio	Lower	Upper
94	100		
96	93.3	76.3	114.5

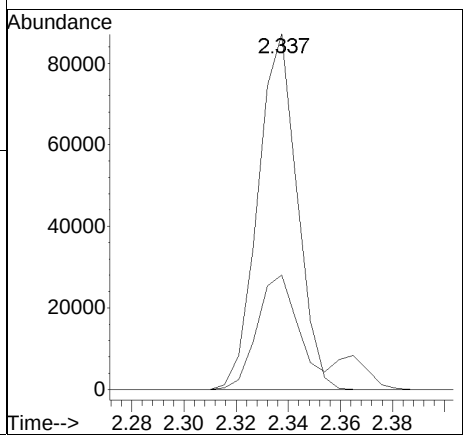


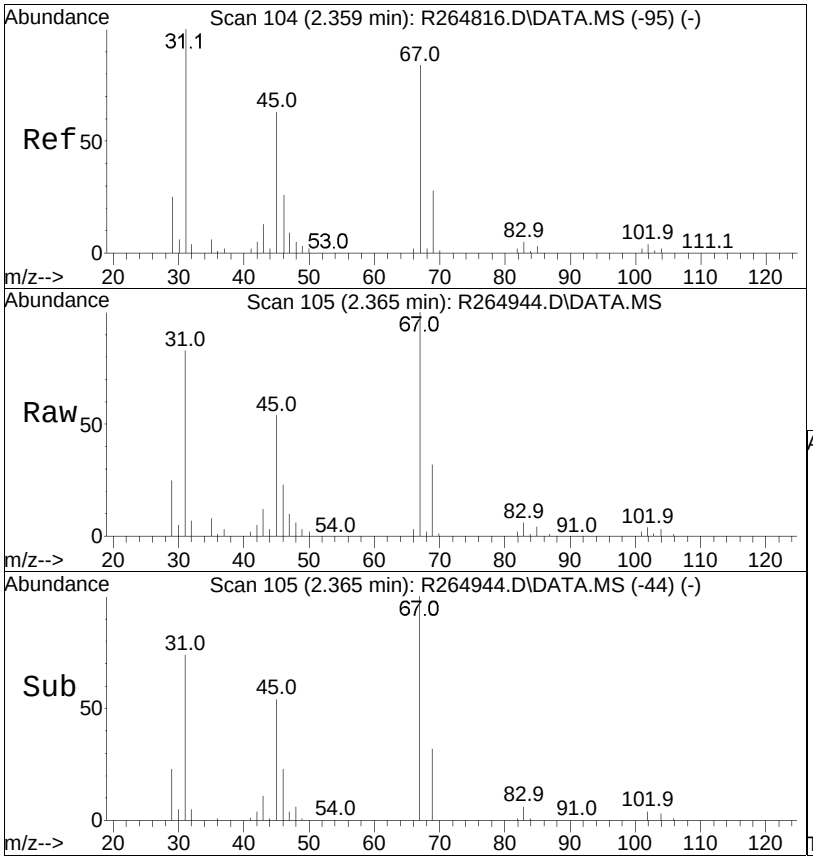


#14
chloroethane
Concen: 10.26 ppbV
RT: 2.337 min Scan# 100
Delta R.T. 0.011 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 64 Resp: 90969

Ion	Ratio	Lower	Upper
64	100		
66	32.2	25.5	38.3

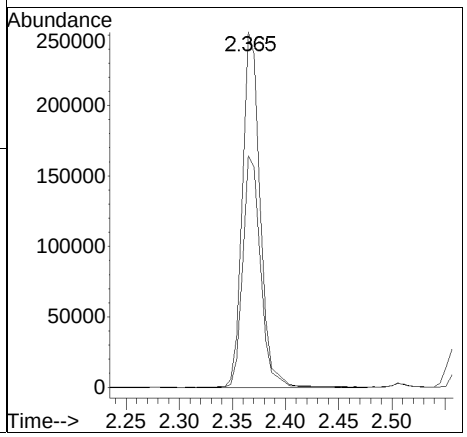


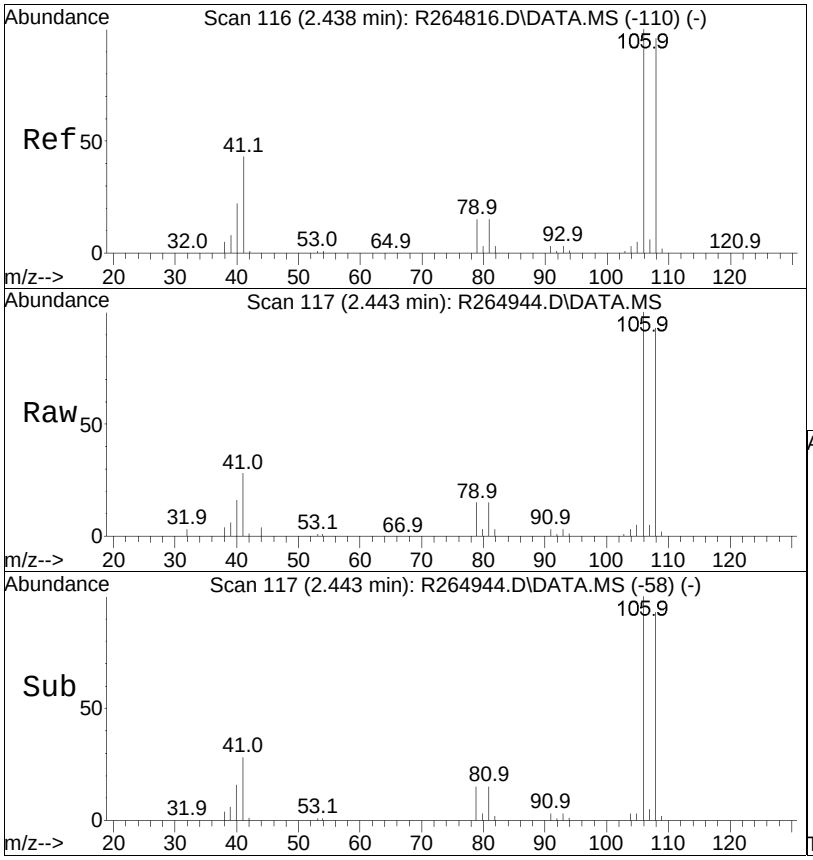


#15
ethanol
Concen: 34.71 ppbV
RT: 2.365 min Scan# 105
Delta R.T. 0.005 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 31 Resp: 313707

Ion	Ratio	Lower	Upper
31	100		
45	65.2	50.7	76.1

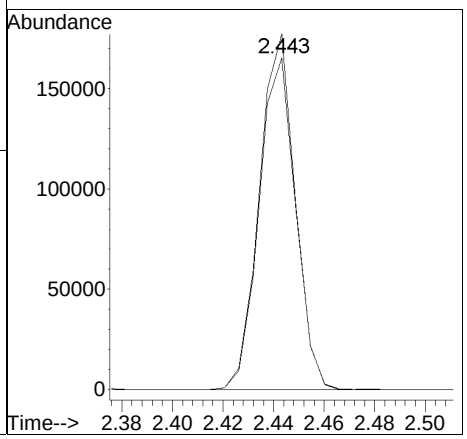


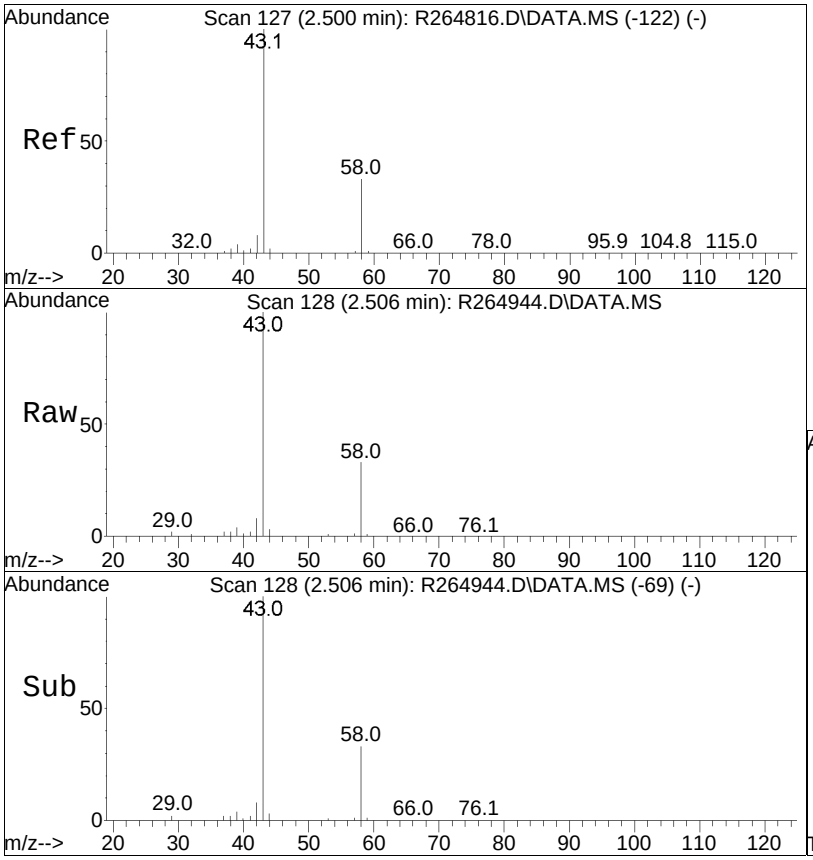


#17
vinyl bromide
Concen: 11.07 ppbV
RT: 2.443 min Scan# 117
Delta R.T. 0.006 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:106 Resp: 174092

Ion	Ratio	Lower	Upper
106	100		
108	93.2	76.4	114.6

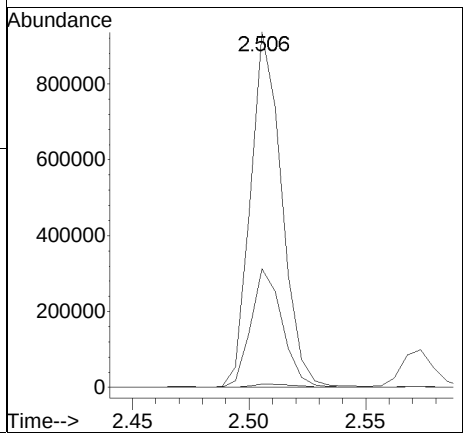


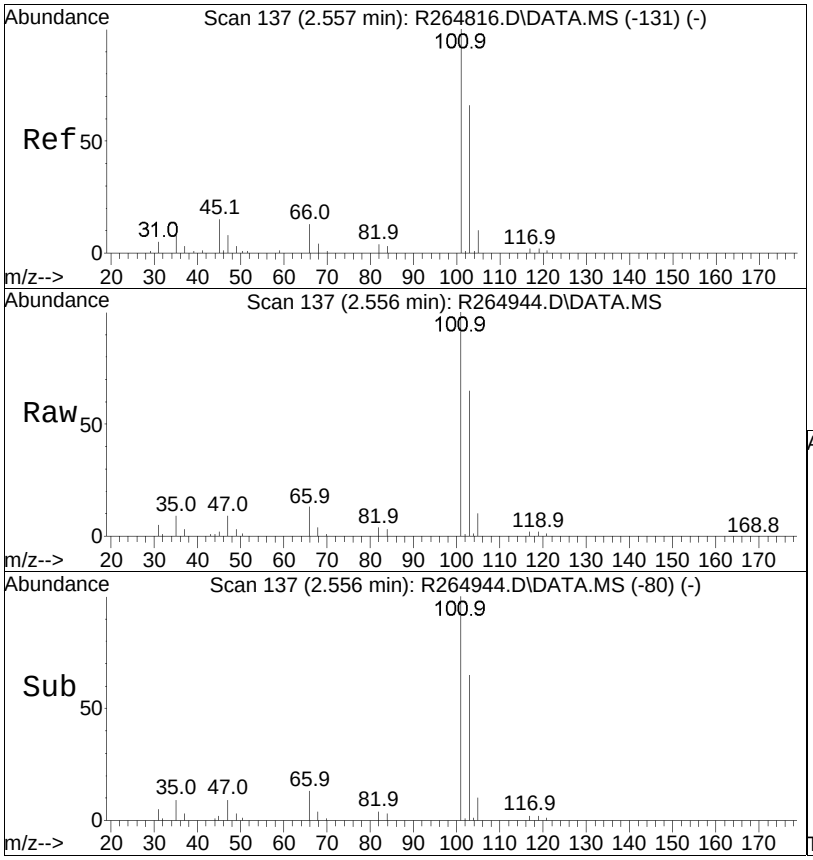


#19
acetone
Concen: 42.02 ppbV
RT: 2.506 min Scan# 128
Delta R.T. 0.006 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 43 Resp: 875320

Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.3	39.5
57	0.9	0.8	1.2

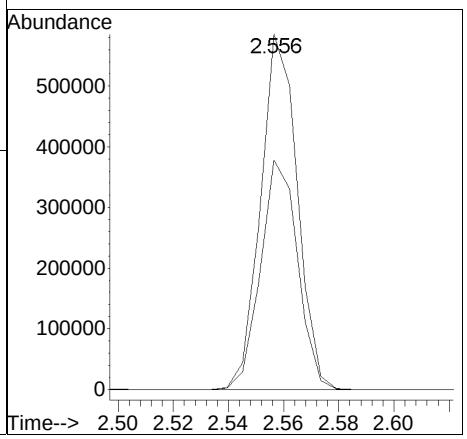


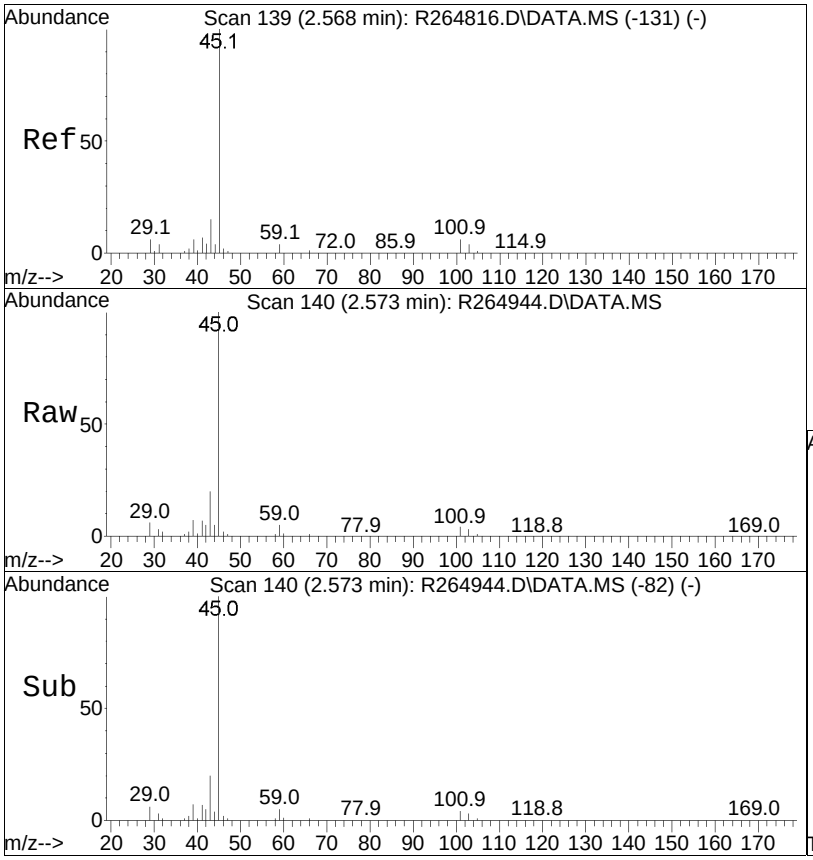


#21
trichlorofluoromethane
Concen: 12.35 ppbV
RT: 2.556 min Scan# 137
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:101 Resp: 540088

Ion	Ratio	Lower	Upper
101	100		
103	64.6	53.0	79.6

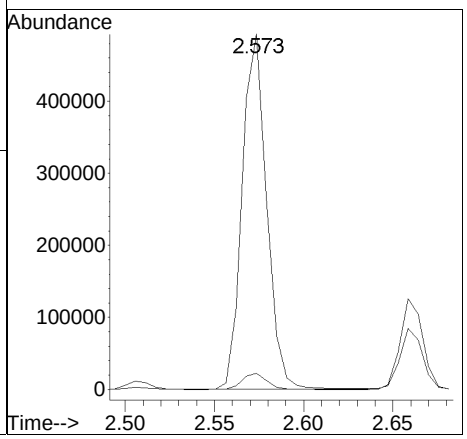


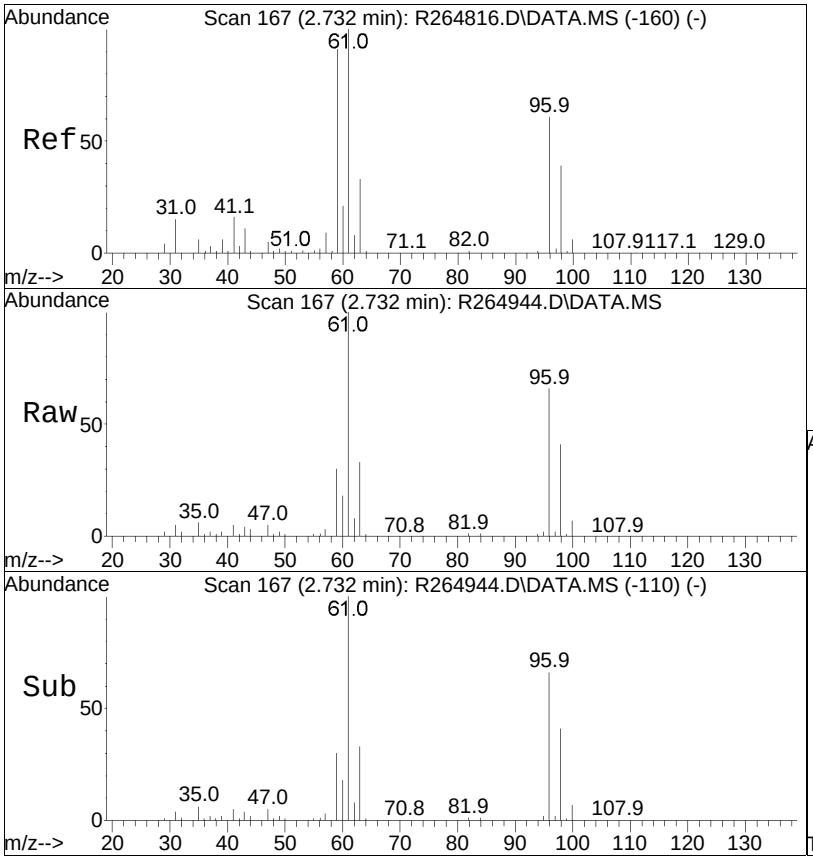


#22
isopropyl alcohol
Concen: 19.30 ppbV
RT: 2.573 min Scan# 140
Delta R.T. 0.006 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 45 Resp: 469693

Ion	Ratio	Lower	Upper
45	100		
59	4.5	3.5	5.3

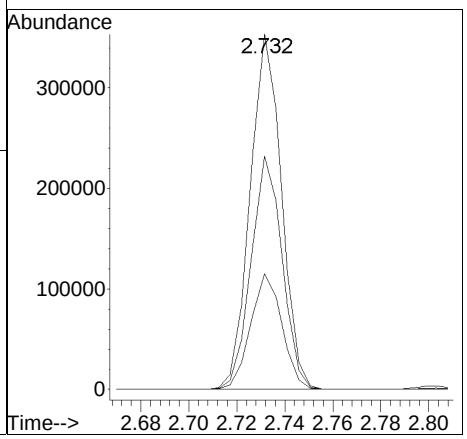


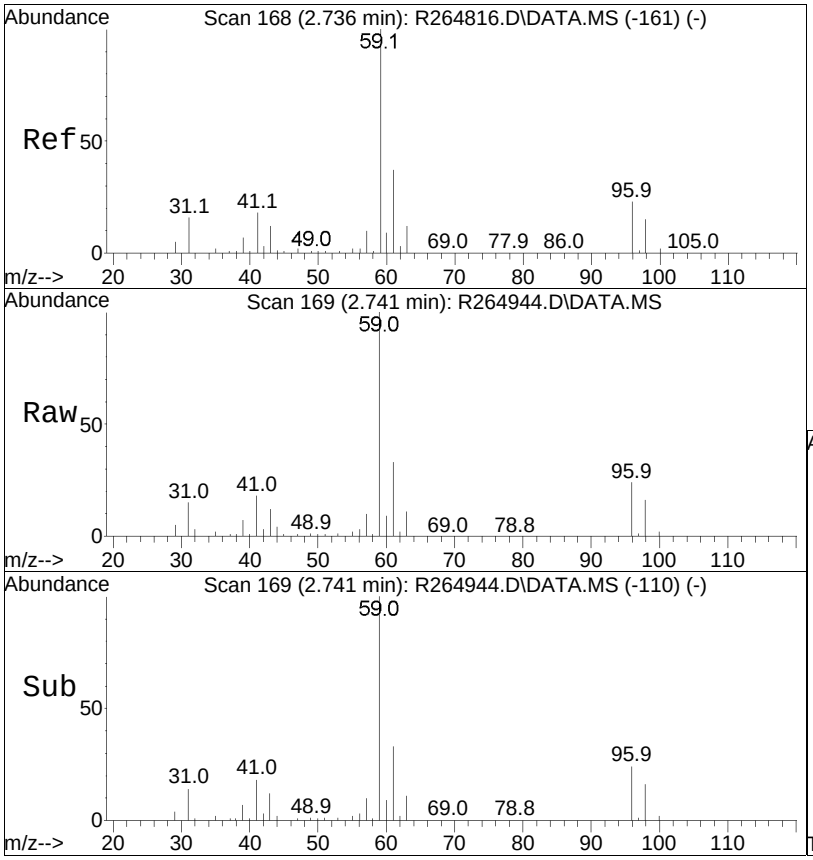


#26
1,1-dichloroethene
Concen: 10.68 ppbV
RT: 2.732 min Scan# 167
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 61 Resp: 321061

Ion	Ratio	Lower	Upper
61	100		
96	65.7	49.3	73.9
63	32.6	26.2	39.4

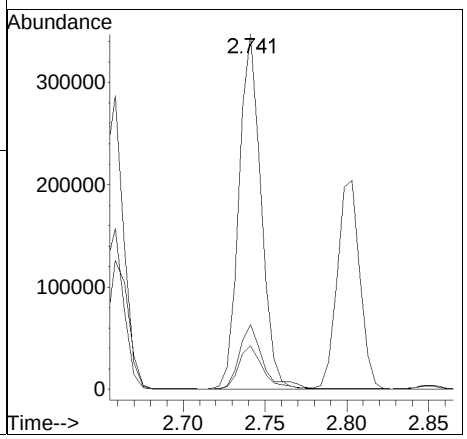


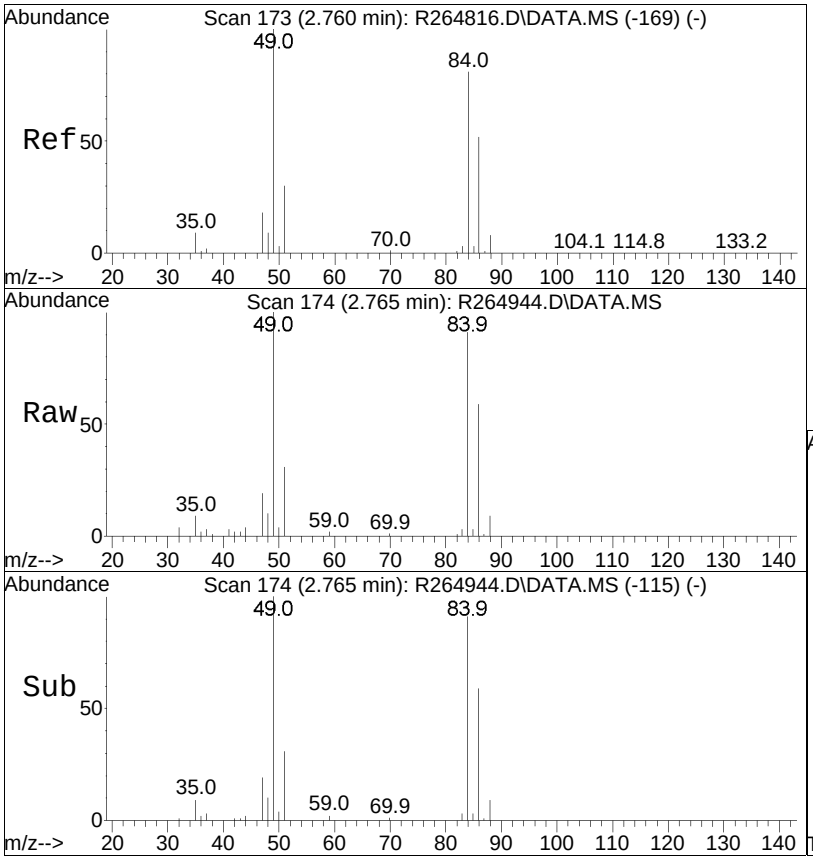


#27
tertiary butyl alcohol
Concen: 8.37 ppbV
RT: 2.741 min Scan# 169
Delta R.T. 0.005 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 59 Resp: 328377

Ion	Ratio	Lower	Upper
59	100		
41	18.3	14.3	21.5
43	12.2	10.2	15.2

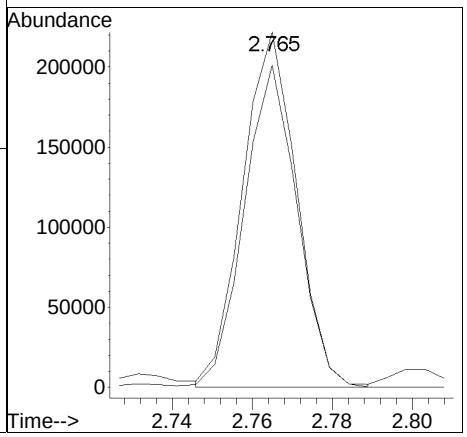


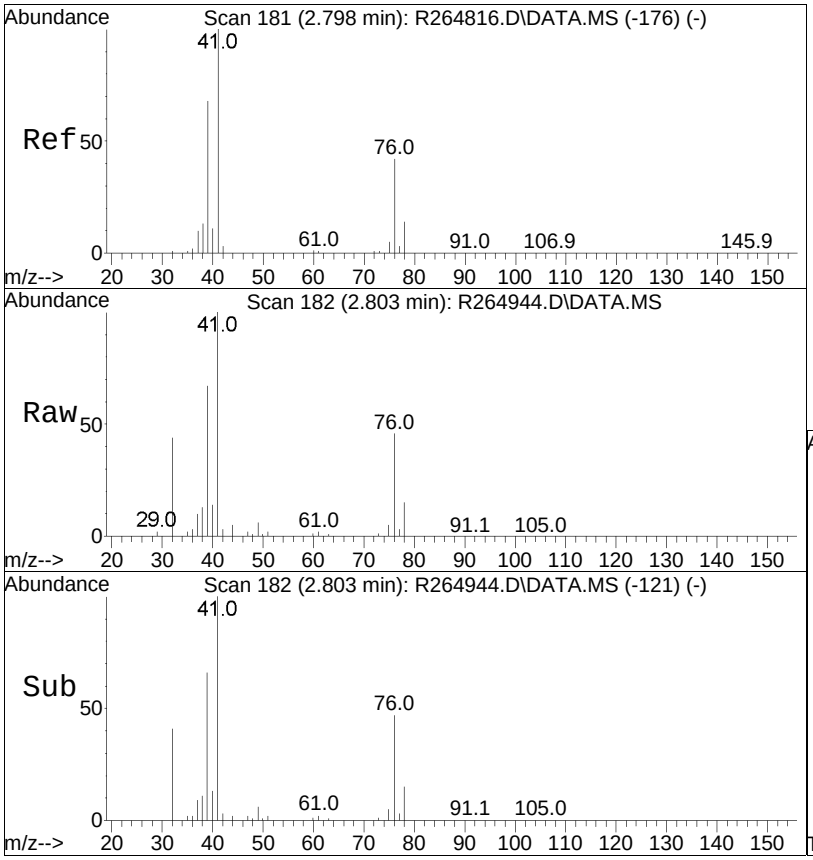


#28
methylene chloride
Concen: 11.47 ppbV
RT: 2.765 min Scan# 174
Delta R.T. 0.005 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 49 Resp: 208709

Ion	Ratio	Lower	Upper
49	100		
84	90.6	64.4	96.6

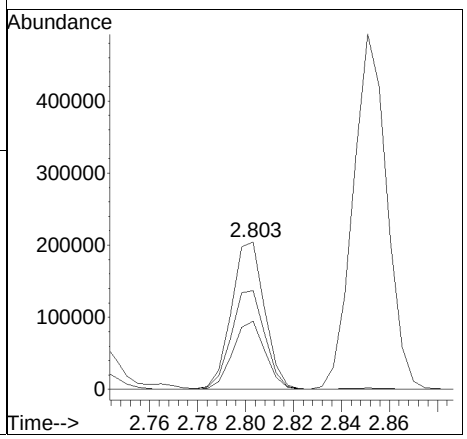


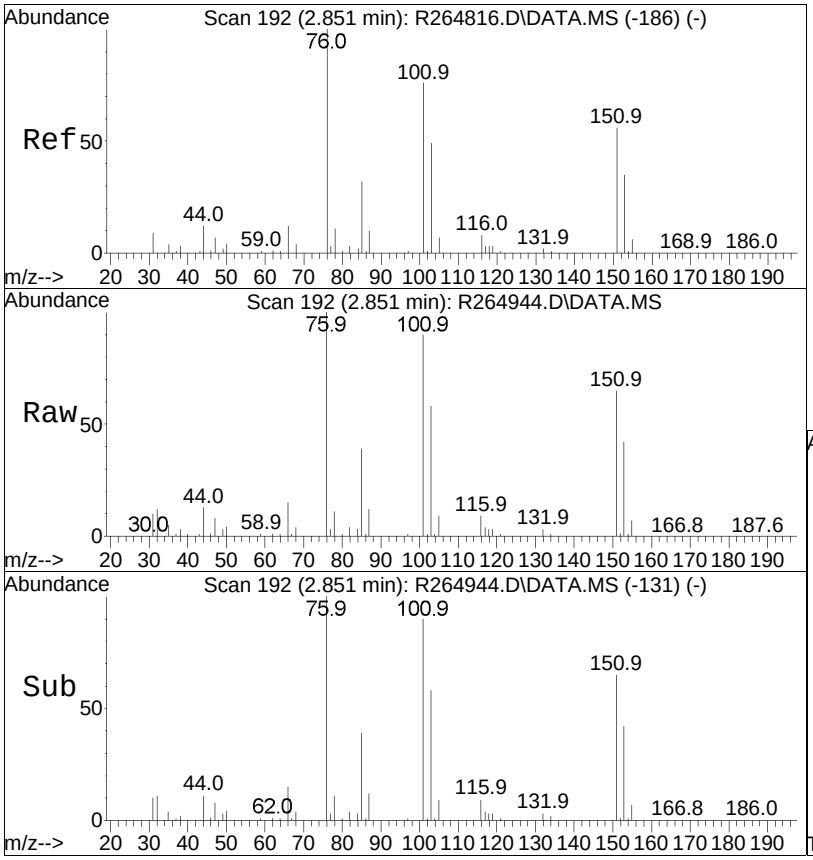


#29
3-chloropropene
Concen: 10.15 ppbV
RT: 2.803 min Scan# 182
Delta R.T. 0.005 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 41 Resp: 196393

Ion	Ratio	Lower	Upper
41	100		
39	67.1	54.2	81.2
76	46.4	33.4	50.2

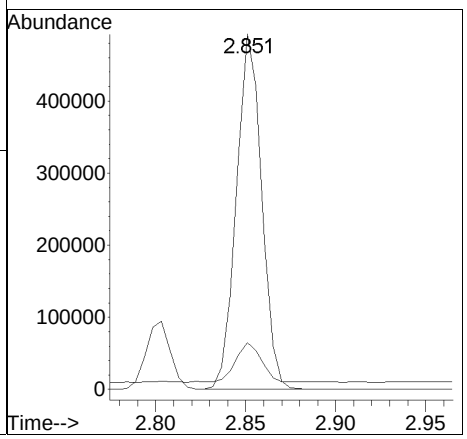


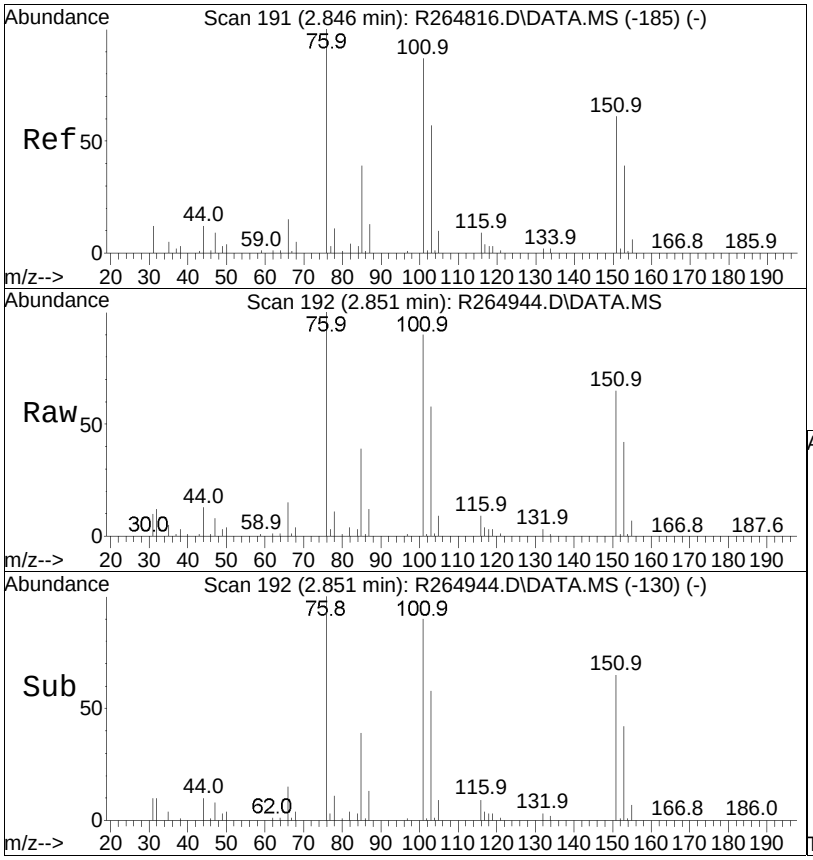


#30
carbon disulfide
Concen: 10.96 ppbV
RT: 2.851 min Scan# 192
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 76 Resp: 483154

Ion	Ratio	Lower	Upper
76	100		
44	13.2	11.7	17.5

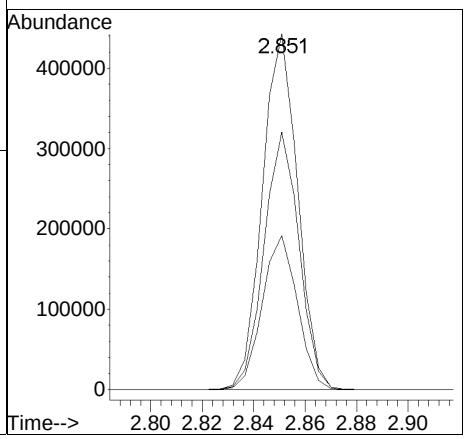


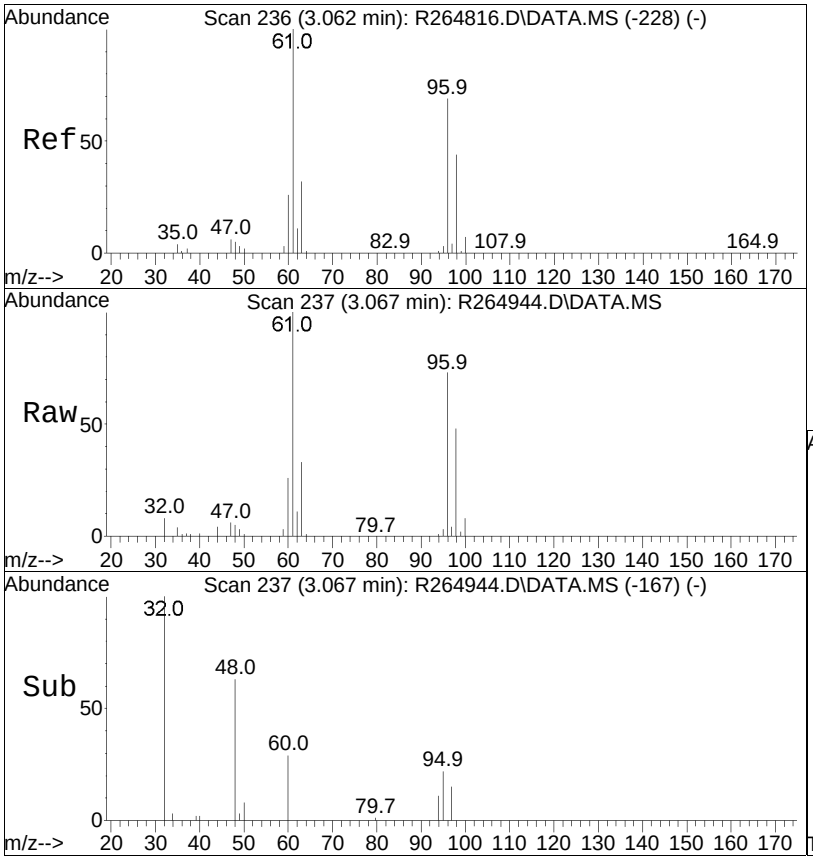


#31
Freon 113
Concen: 12.68 ppbV
RT: 2.851 min Scan# 192
Delta R.T. 0.005 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:101 Resp: 421786

Ion	Ratio	Lower	Upper
101	100		
85	43.3	35.5	53.3
151	72.4	55.9	83.9

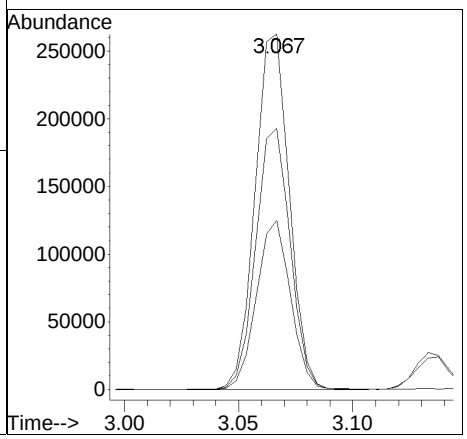


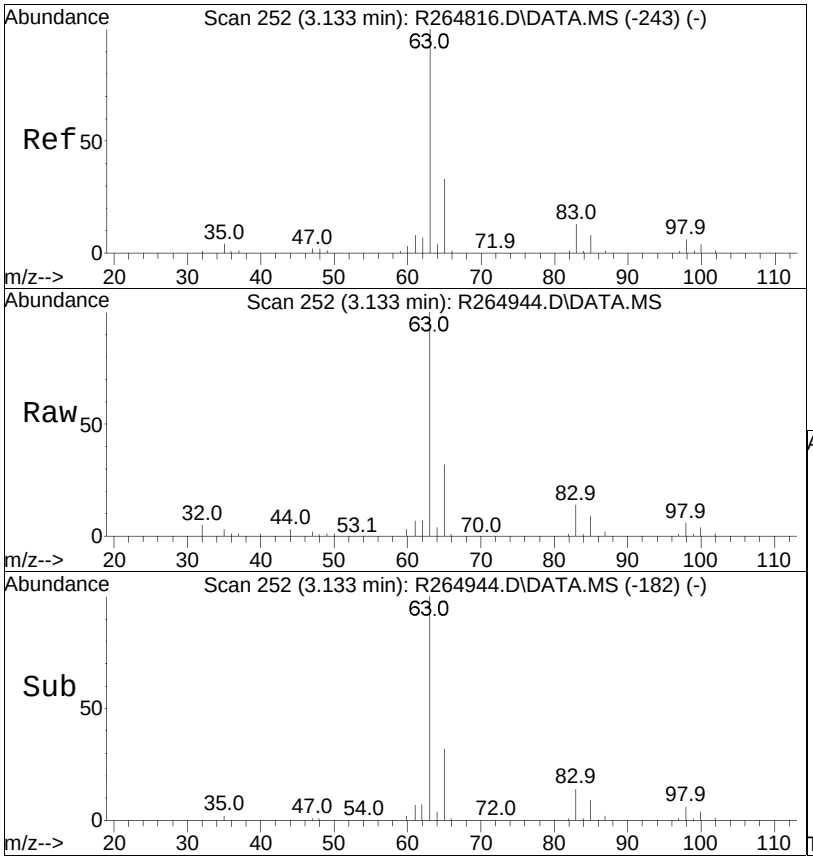


#32
trans-1,2-dichloroethene
Concen: 11.36 ppbV
RT: 3.067 min Scan# 237
Delta R.T. 0.004 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 61 Resp: 273945

Ion	Ratio	Lower	Upper
61	100		
96	73.5	55.1	82.7
98	47.6	35.6	53.4

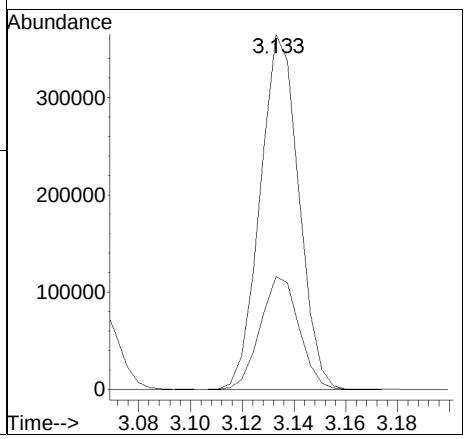


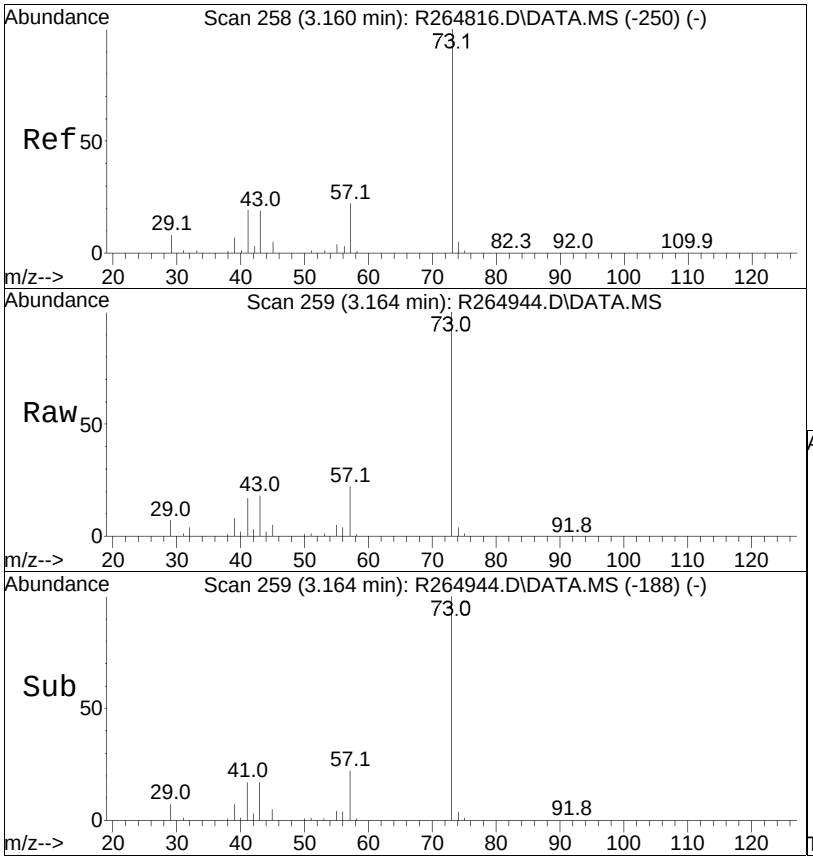


#33
1,1-dichloroethane
Concen: 11.75 ppbV
RT: 3.133 min Scan# 252
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 63 Resp: 377740

Ion	Ratio	Lower	Upper
63	100		
65	31.8	26.3	39.5

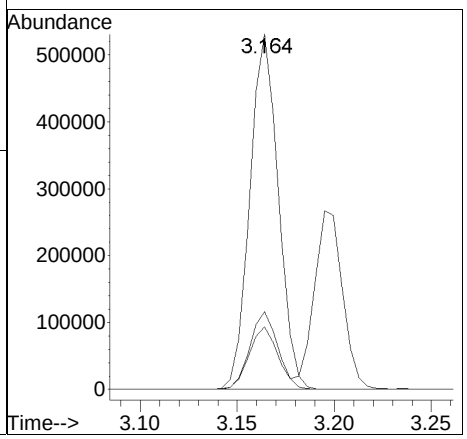


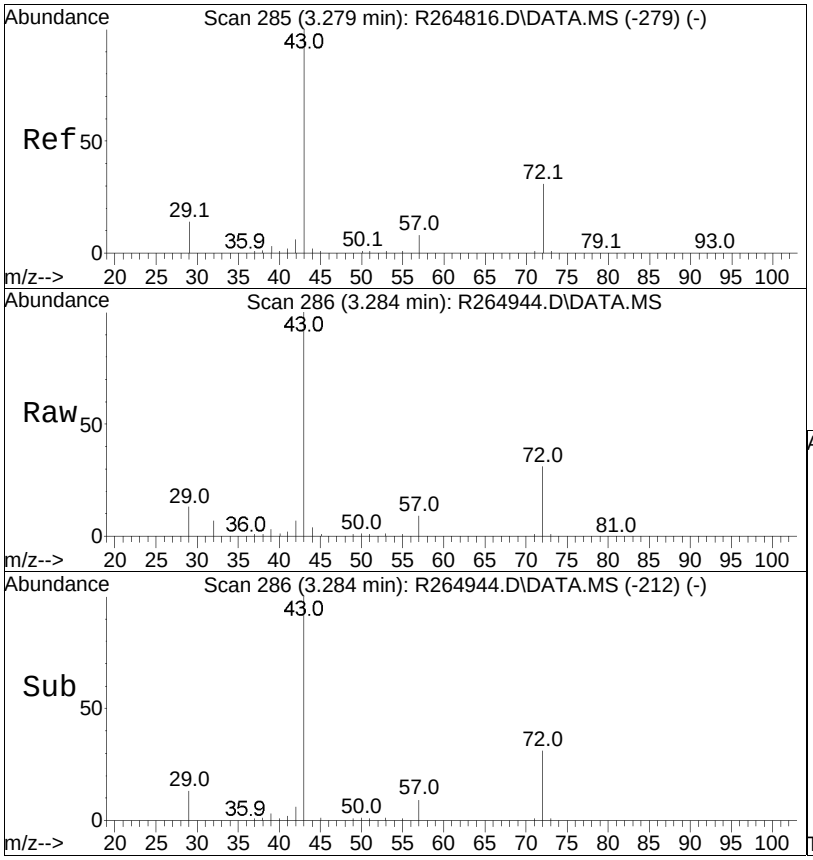


#34
MTBE
Concen: 11.51 ppbV
RT: 3.164 min Scan# 259
Delta R.T. 0.004 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 73 Resp: 542247

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.0
43	17.6	15.7	23.5

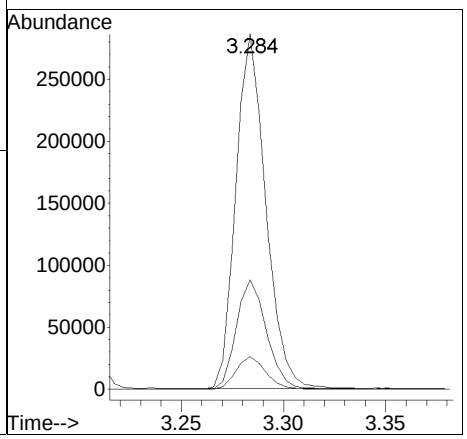


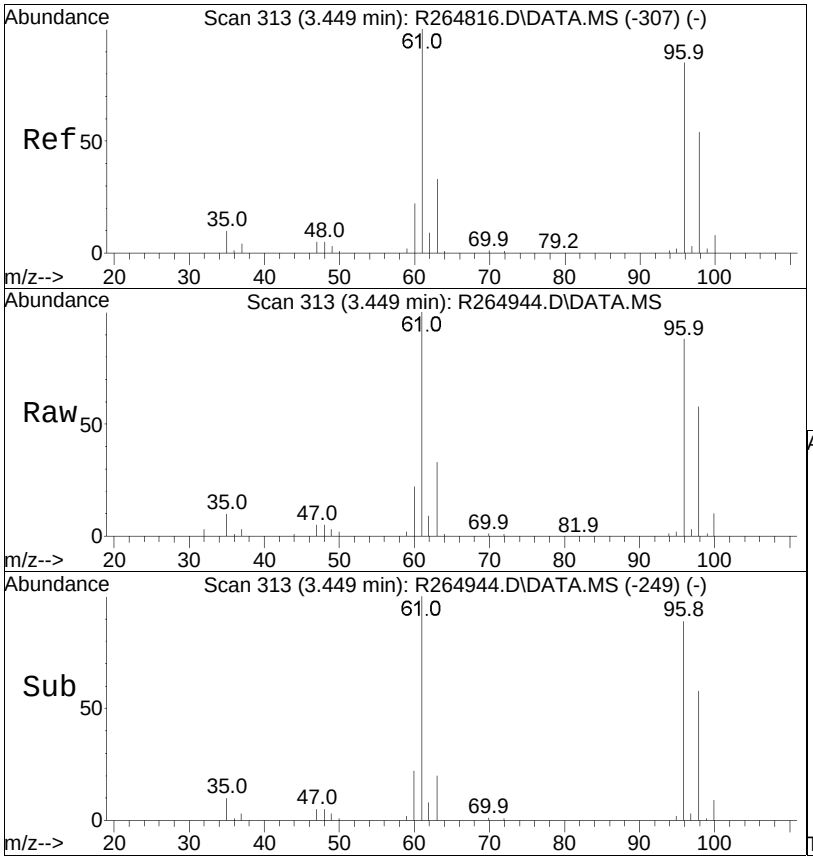


#36
2-butanone
Concen: 9.40 ppbV
RT: 3.284 min Scan# 286
Delta R.T. 0.004 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 43 Resp: 291867

Ion	Ratio	Lower	Upper
43	100		
72	30.8	24.4	36.6
57	9.2	6.7	10.1

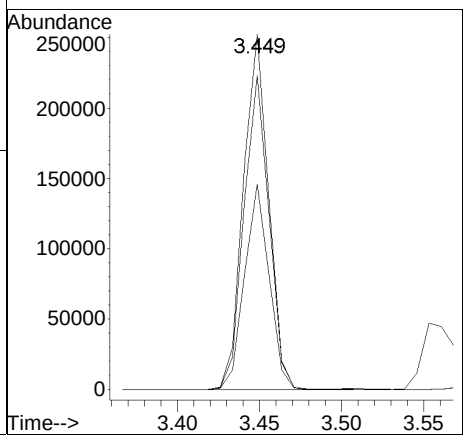


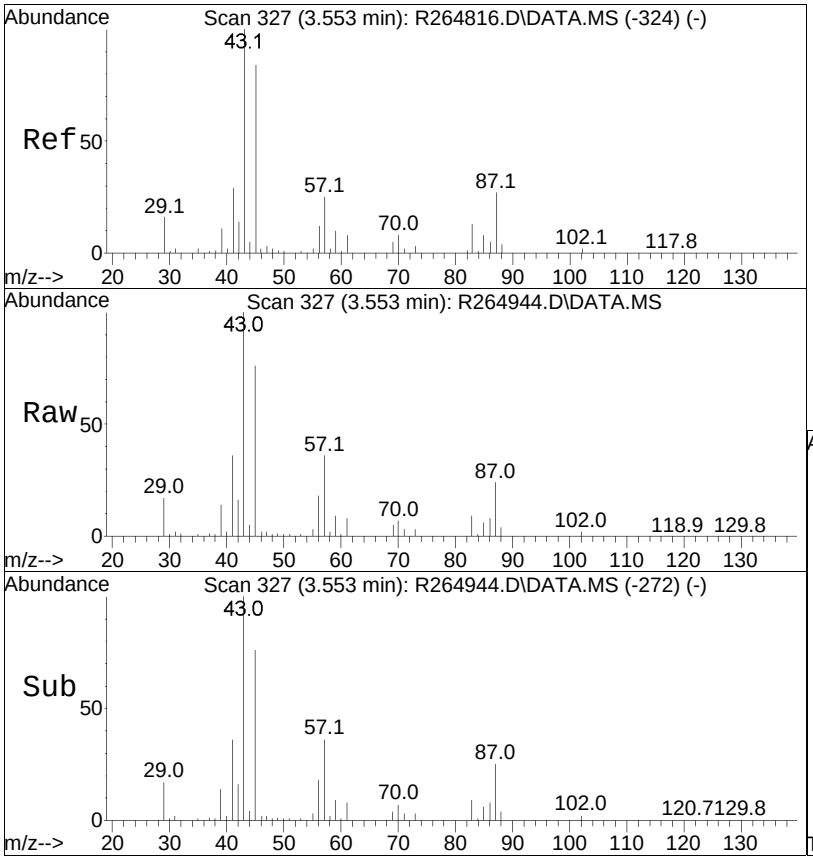


#37
cis-1,2-dichloroethene
Concen: 11.09 ppbV
RT: 3.449 min Scan# 313
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 61 Resp: 269270

Ion	Ratio	Lower	Upper
61	100		
96	88.4	67.9	101.9
98	57.8	43.1	64.7

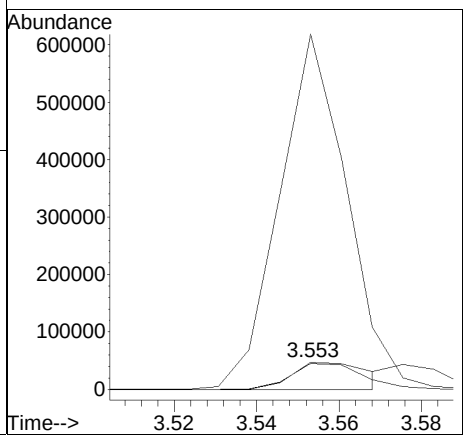


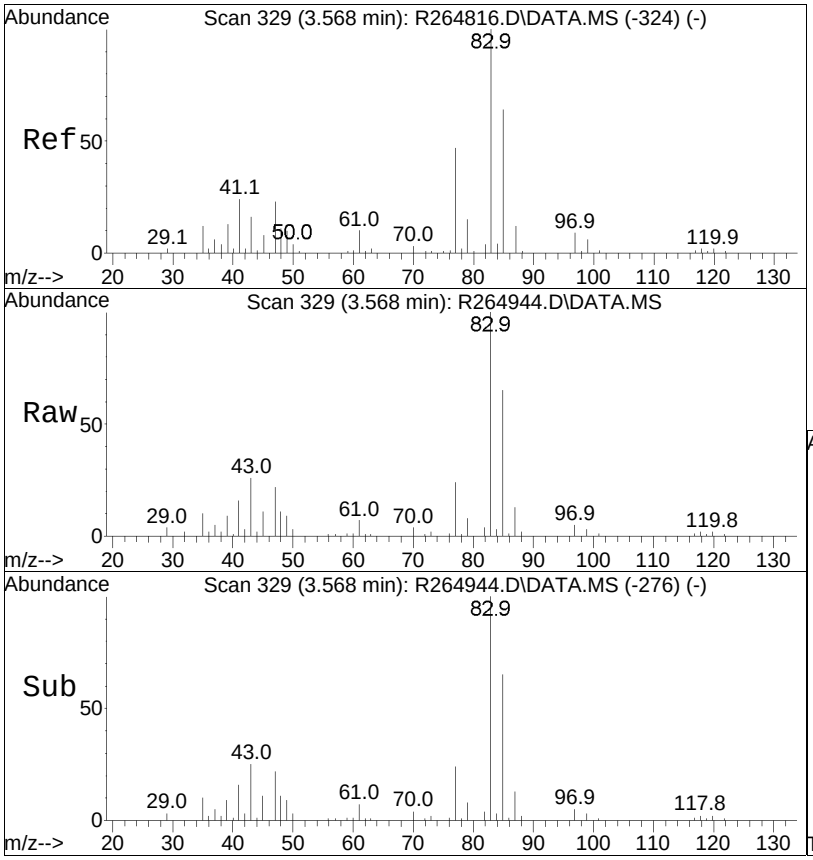


#38
Ethyl Acetate
Concen: 9.05 ppbV m
RT: 3.553 min Scan# 327
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 61 Resp: 60427

Ion	Ratio	Lower	Upper
61	100		
70	95.9	75.3	112.9
43	1312.8	998.6	1498.0

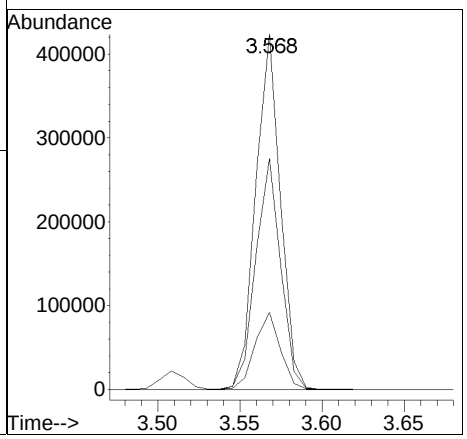


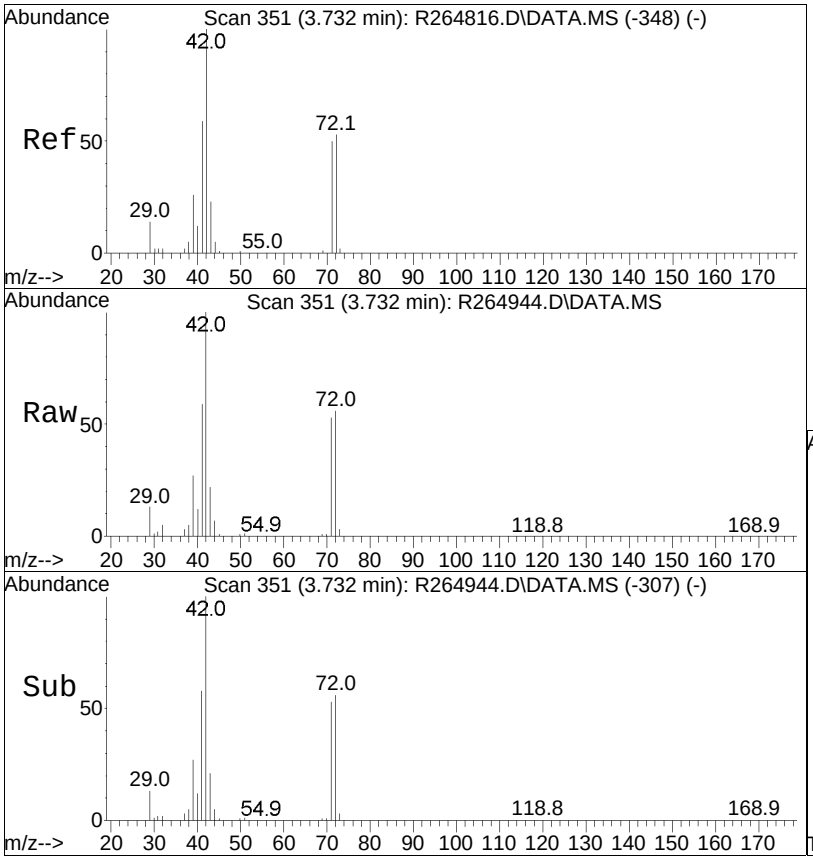


#39
chloroform
Concen: 11.70 ppbV
RT: 3.568 min Scan# 329
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 83 Resp: 443716

Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.3	76.9
47	21.7	18.3	27.5

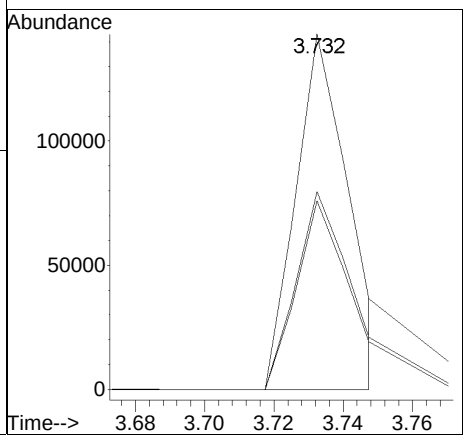


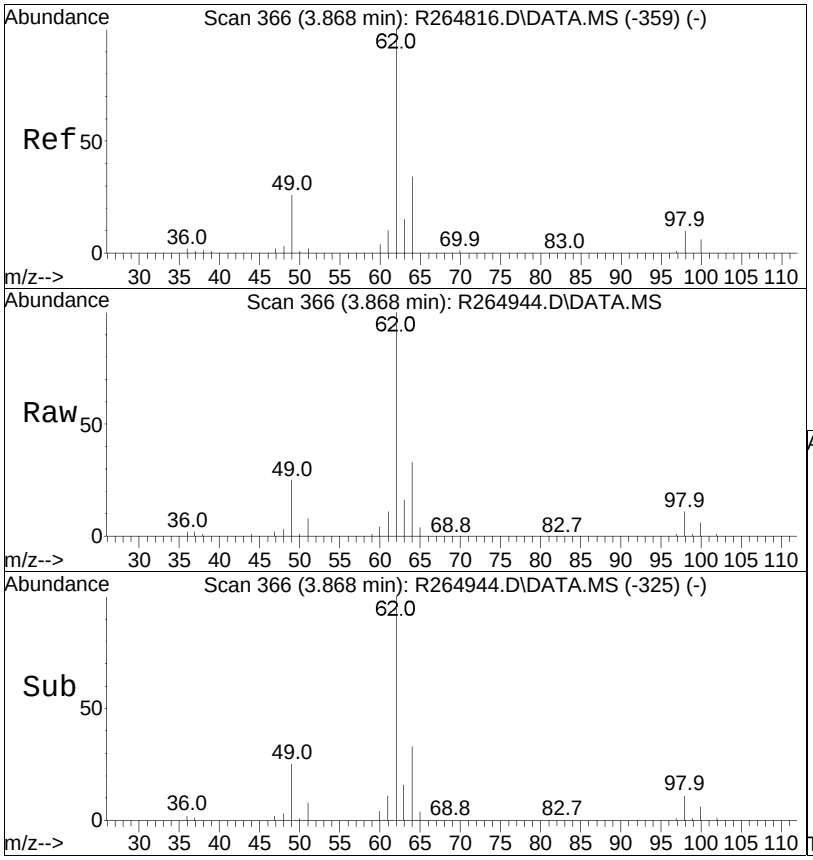


#40
Tetrahydrofuran
Concen: 9.82 ppbV m
RT: 3.732 min Scan# 351
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 42 Resp: 151183

Ion	Ratio	Lower	Upper
42	100		
71	53.1	39.8	59.6
72	55.7	41.9	62.9

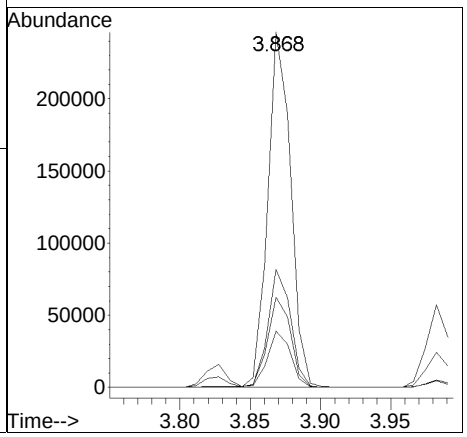


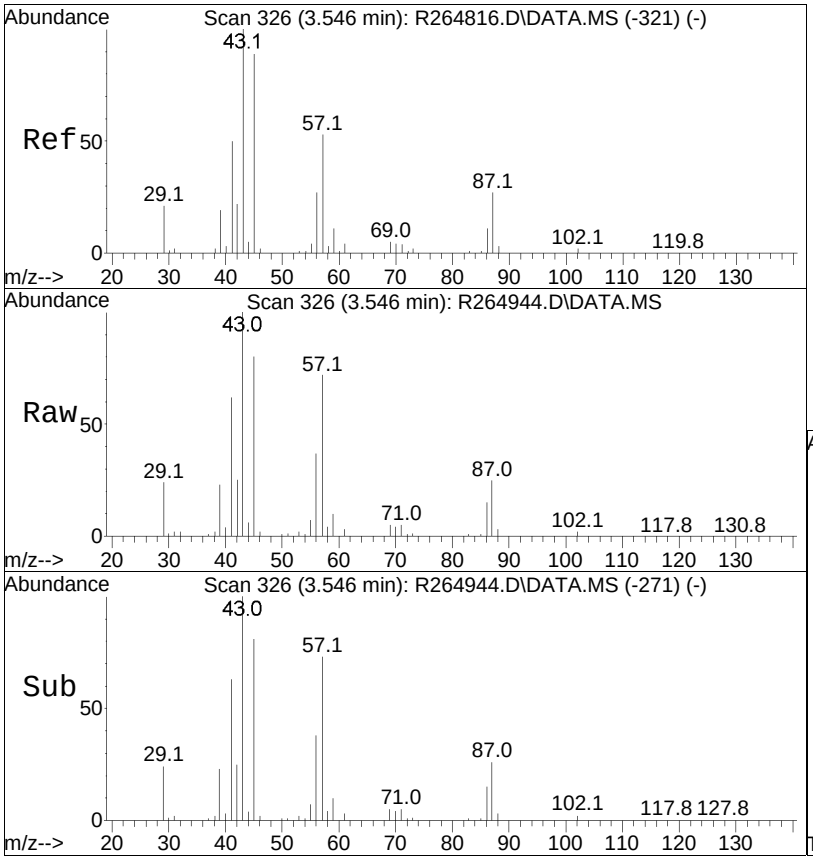


#42
1,2-dichloroethane
Concen: 11.09 ppbV
RT: 3.868 min Scan# 366
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 62 Resp: 279768

Ion	Ratio	Lower	Upper
62	100		
64	33.2	26.9	40.3
49	25.4	21.6	32.4
63	15.8	13.0	19.4

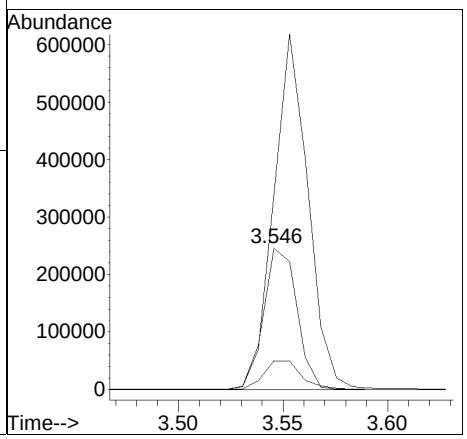


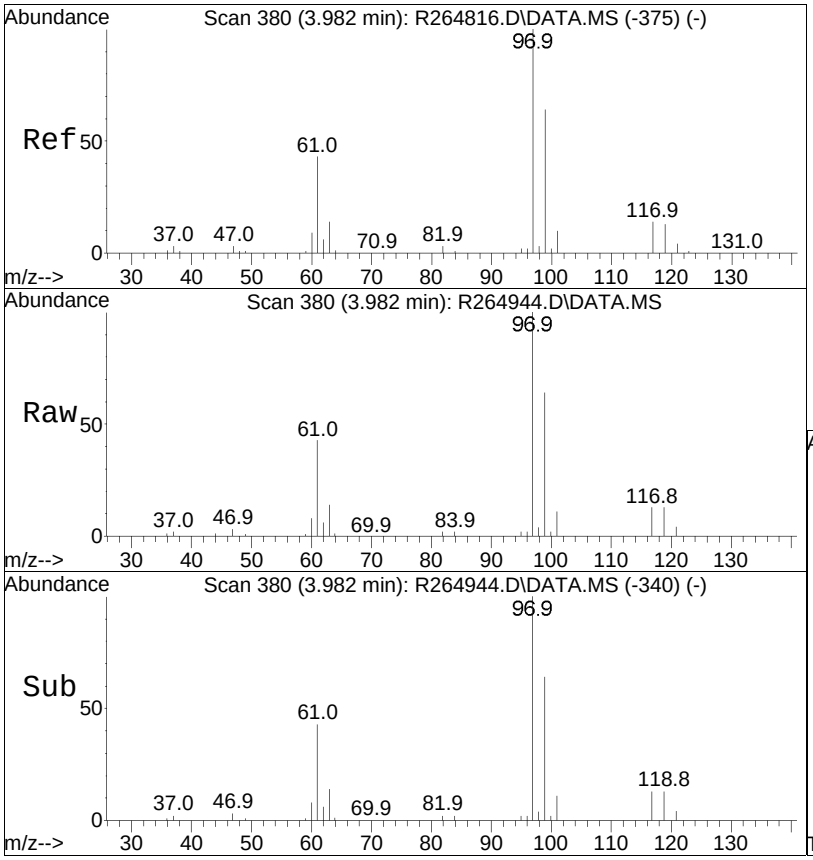


#44
hexane
Concen: 10.17 ppbV
RT: 3.546 min Scan# 326
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 57 Resp: 273878

Ion	Ratio	Lower	Upper
57	100		
43	138.2	150.0	225.0#
86	20.3	16.3	24.5

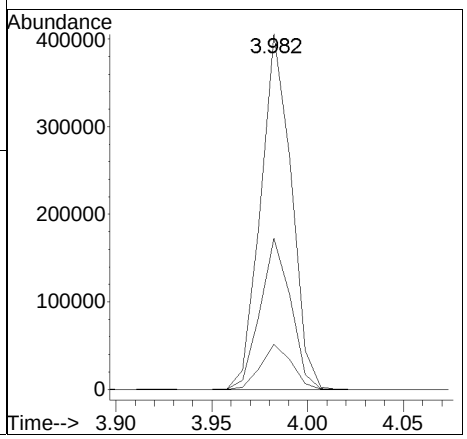


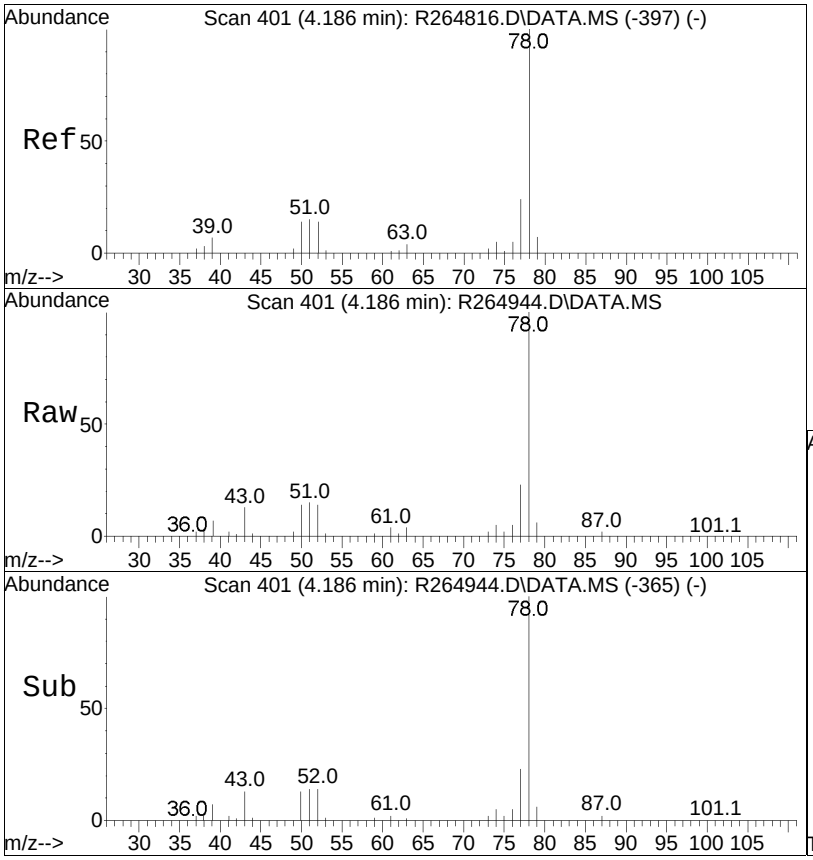


#48
1,1,1-trichloroethane
Concen: 10.69 ppbV
RT: 3.982 min Scan# 380
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 97 Resp: 451612

Ion	Ratio	Lower	Upper
97	100		
61	42.5	34.5	51.7
119	12.7	10.6	15.8

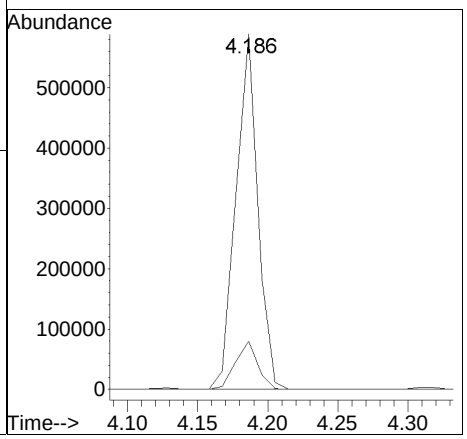


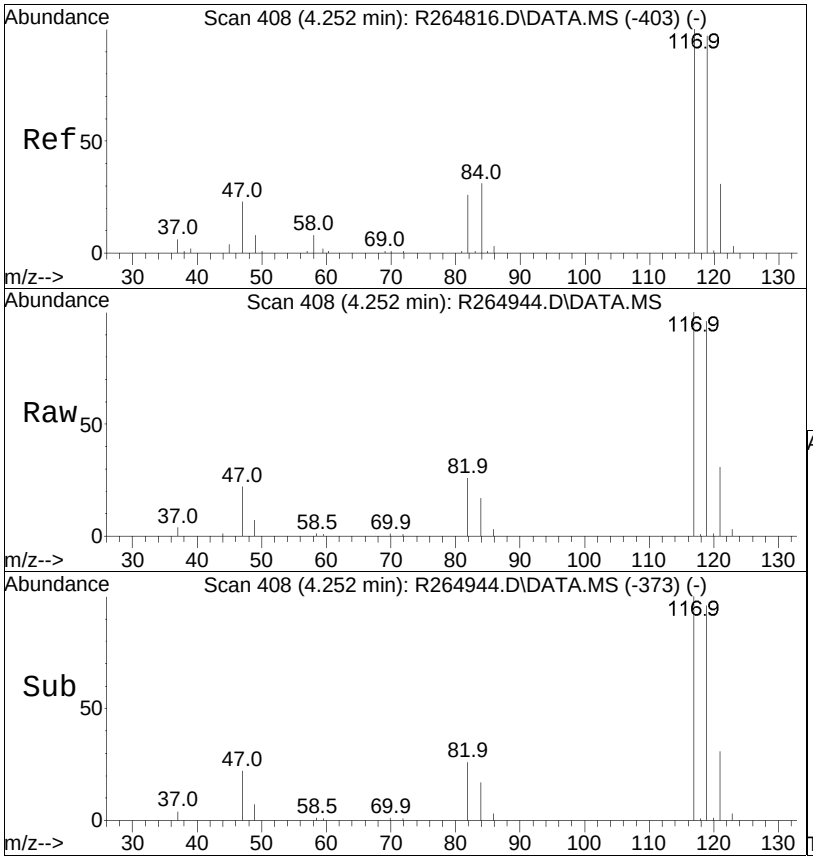


#50
benzene
Concen: 10.60 ppbV
RT: 4.186 min Scan# 401
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 78 Resp: 639457

Ion	Ratio	Lower	Upper
78	100		
52	13.6	11.4	17.0

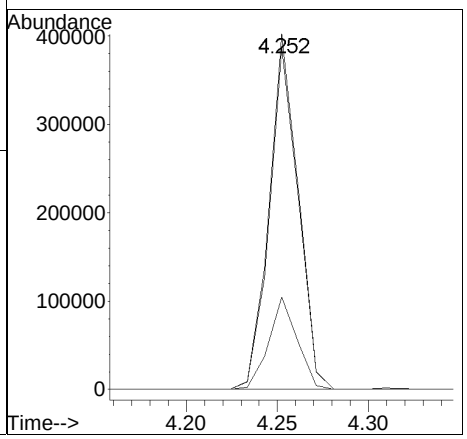


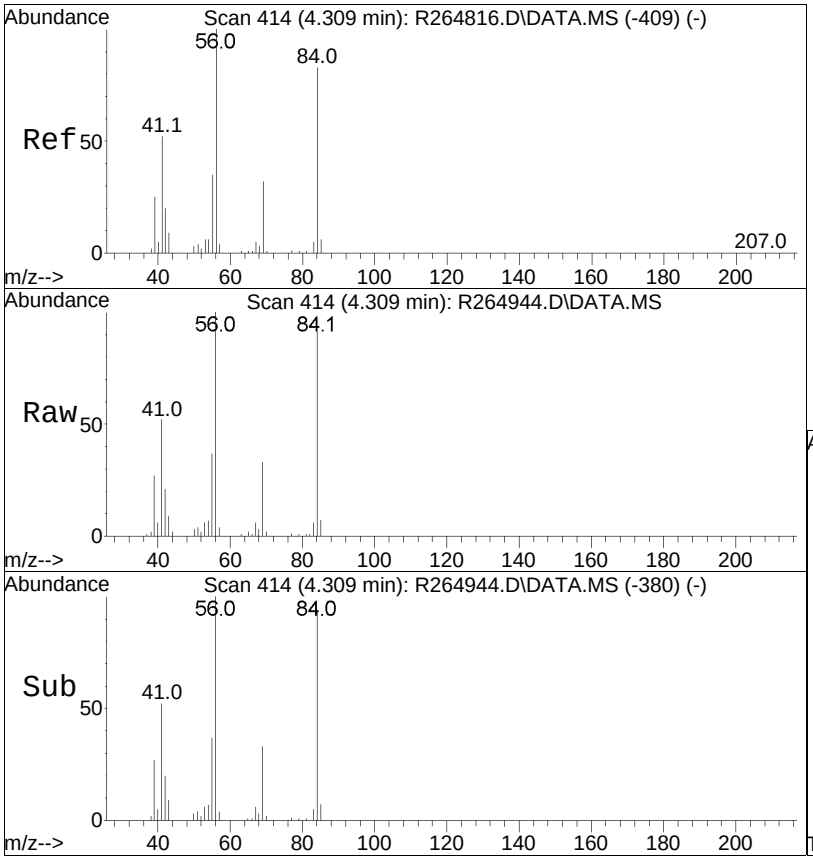


#52
carbon tetrachloride
Concen: 10.40 ppbV
RT: 4.252 min Scan# 408
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:117 Resp: 446590

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.3	115.9
82	26.0	20.7	31.1

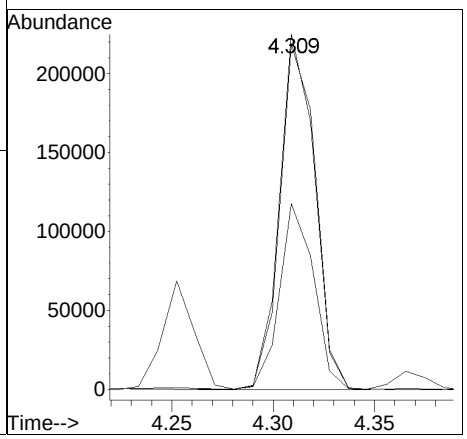


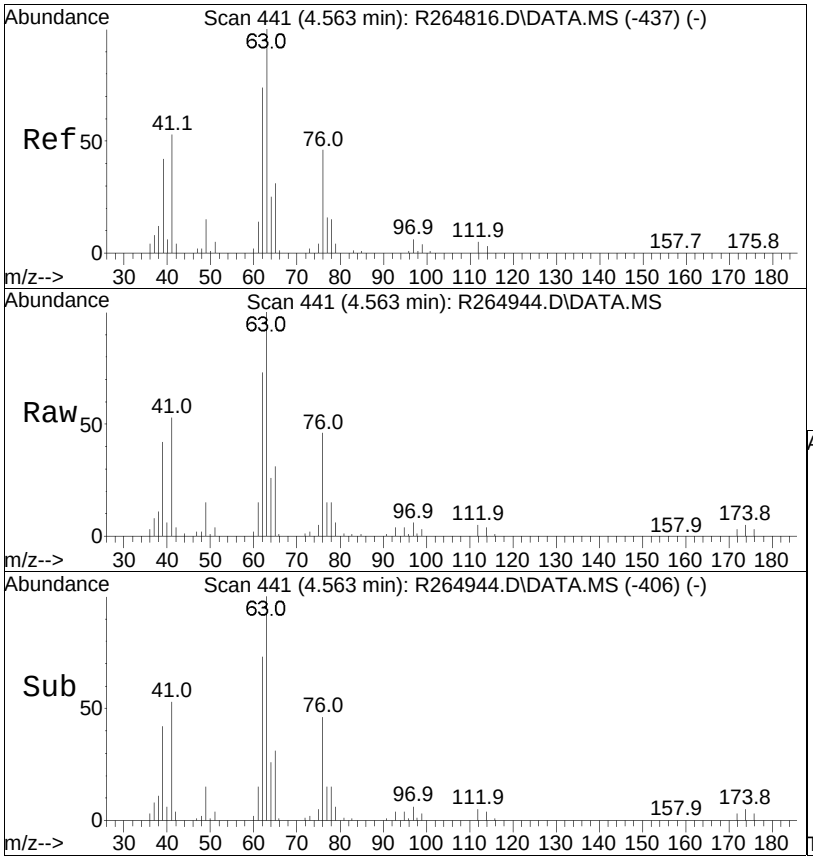


#53
cyclohexane
Concen: 9.76 ppbV
RT: 4.309 min Scan# 414
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 56 Resp: 270297

Ion	Ratio	Lower	Upper
56	100		
84	97.2	75.4	113.2
41	52.3	41.4	62.0

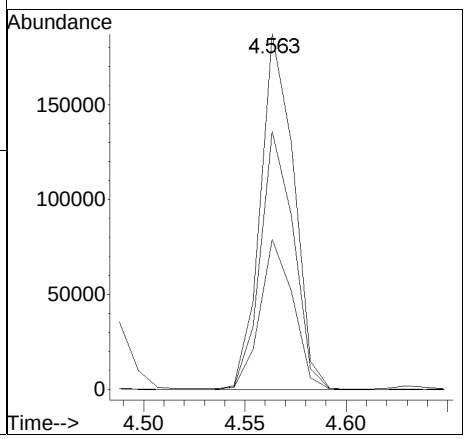


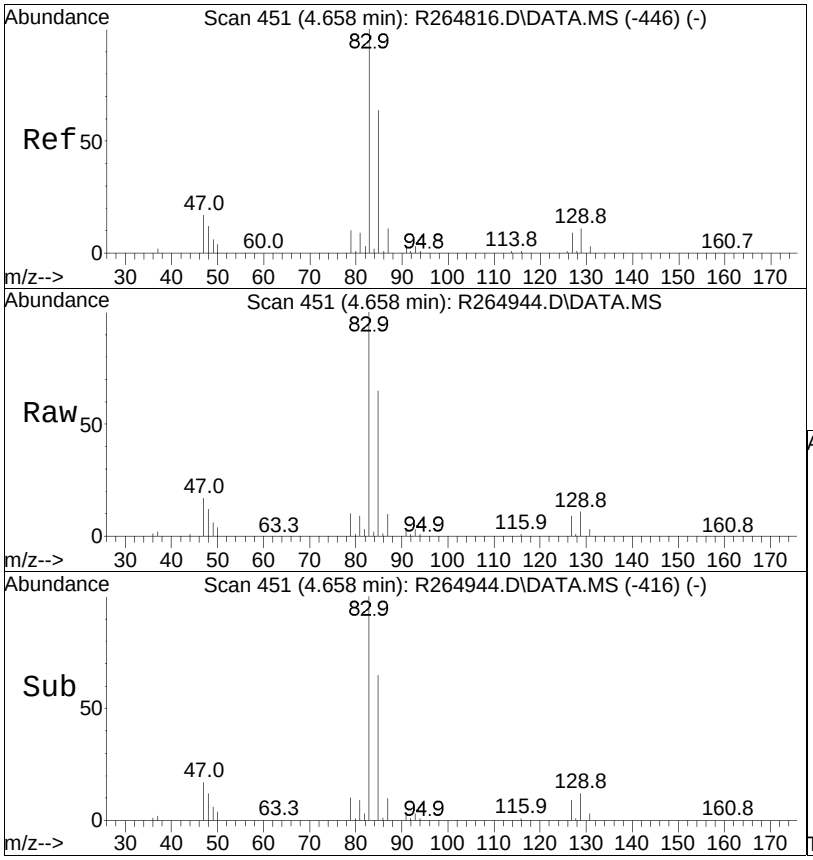


#56
1,2-dichloropropane
Concen: 10.18 ppbV
RT: 4.563 min Scan# 441
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 63 Resp: 215382

Ion	Ratio	Lower	Upper
63	100		
62	72.6	58.8	88.2
39	42.2	33.4	50.2

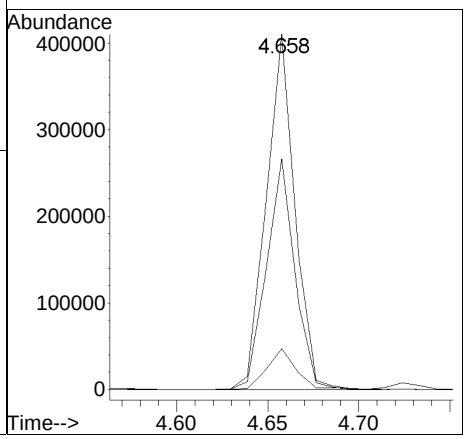


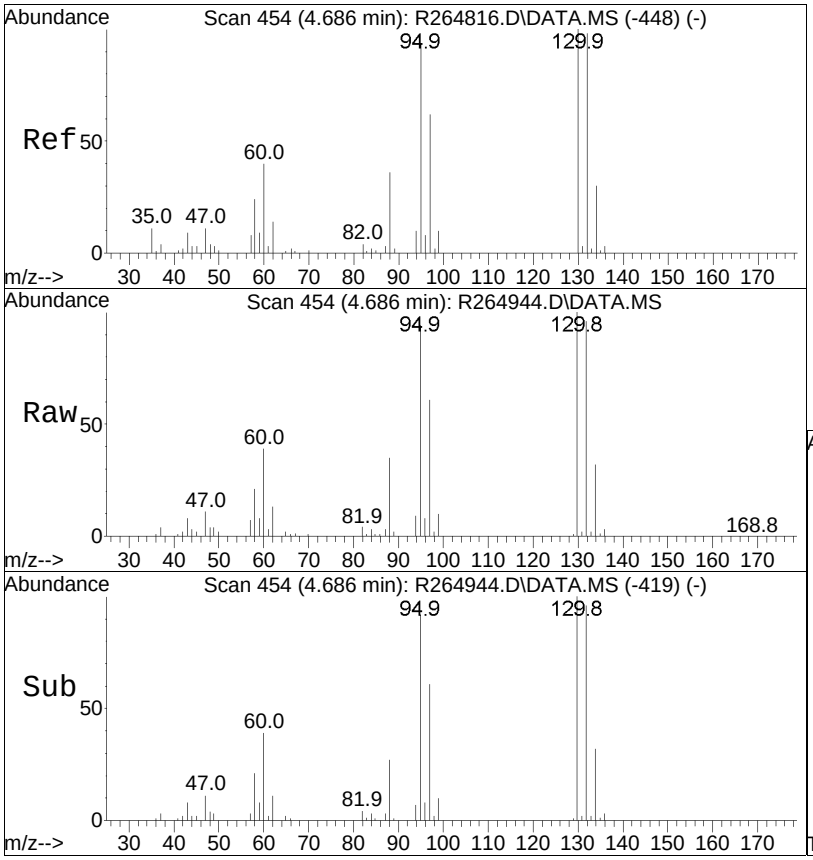


#57
bromodichloromethane
Concen: 10.59 ppbV
RT: 4.658 min Scan# 451
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 83 Resp: 447666

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.5	77.3
129	11.5	8.6	13.0

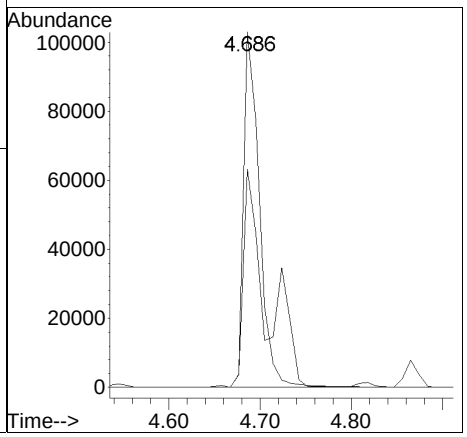


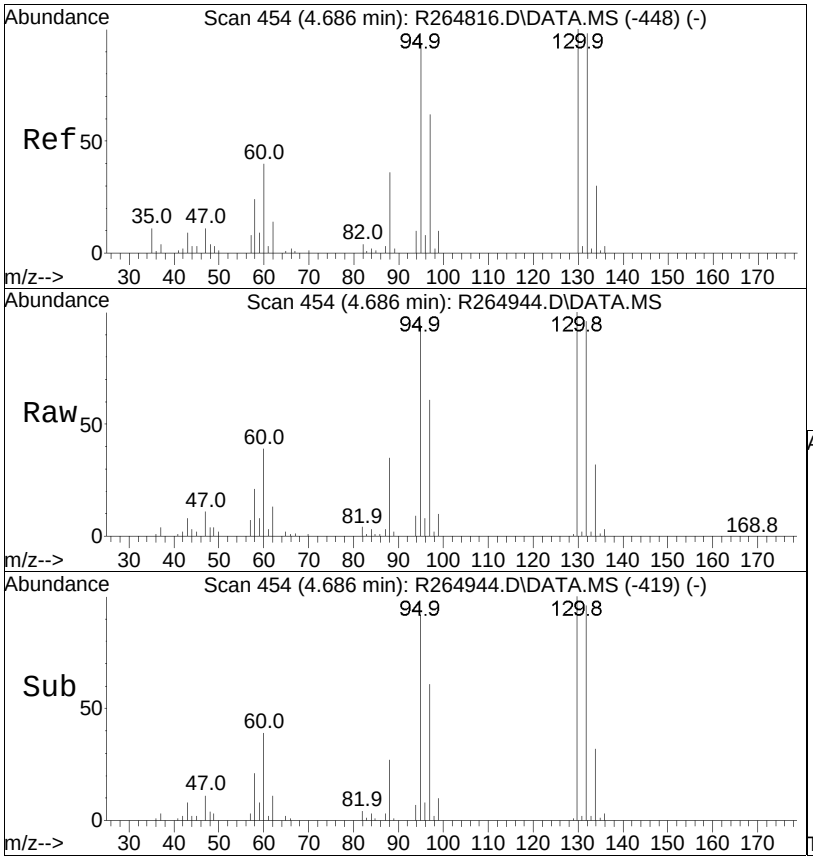


#58
1,4-dioxane
Concen: 10.37 ppbV
RT: 4.686 min Scan# 454
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 88 Resp: 125079

Ion	Ratio	Lower	Upper
88	100		
58	61.4	52.7	79.1

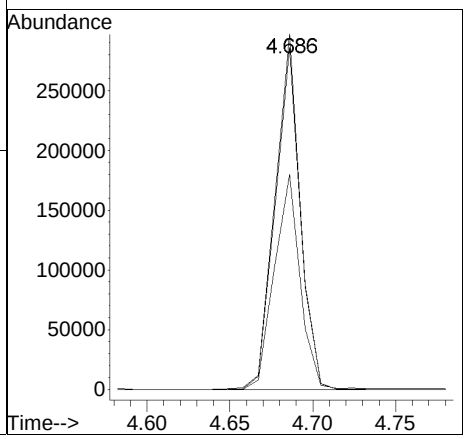


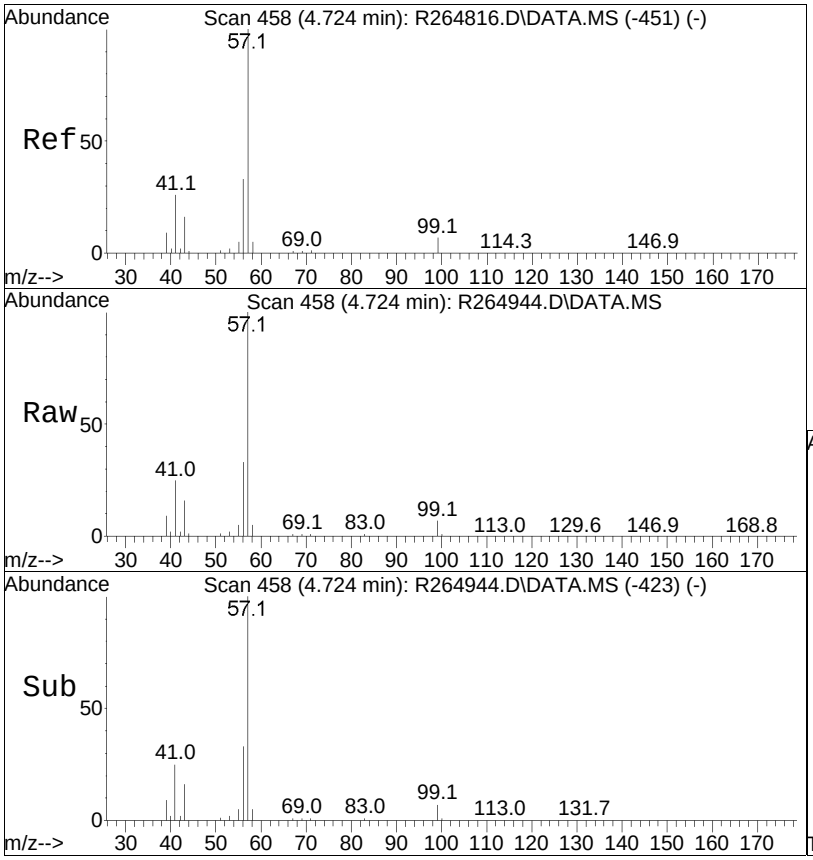


#59
trichloroethene
Concen: 10.88 ppbV
RT: 4.686 min Scan# 454
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:130 Resp: 313904

Ion	Ratio	Lower	Upper
130	100		
132	96.3	78.1	117.1
97	60.5	49.2	73.8

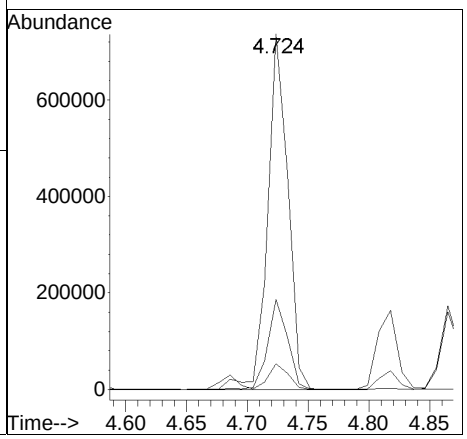


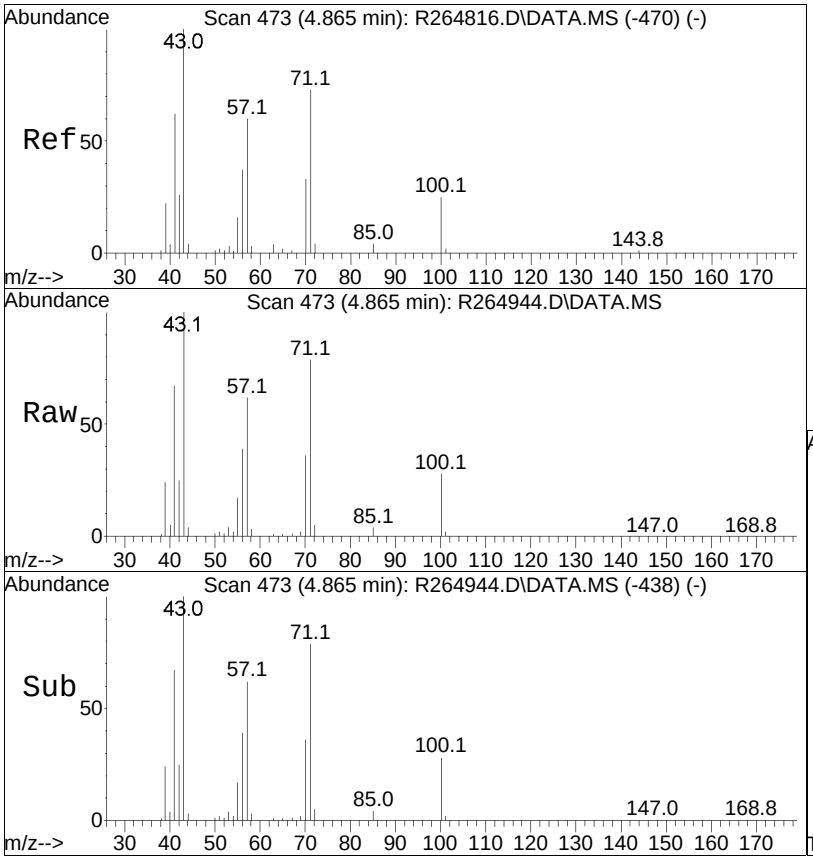


#60
2,2,4-trimethylpentane
Concen: 10.14 ppbV
RT: 4.724 min Scan# 458
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 57 Resp: 853542

Ion	Ratio	Lower	Upper
57	100		
99	7.2	5.4	8.0
41	25.4	20.4	30.6

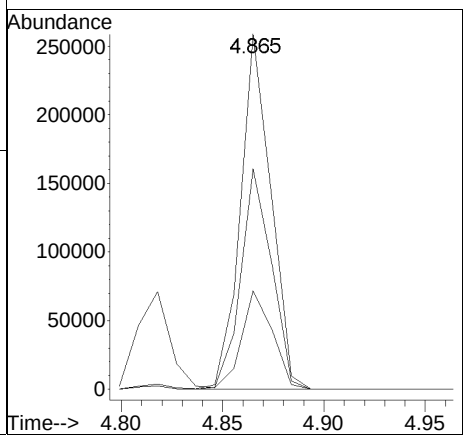


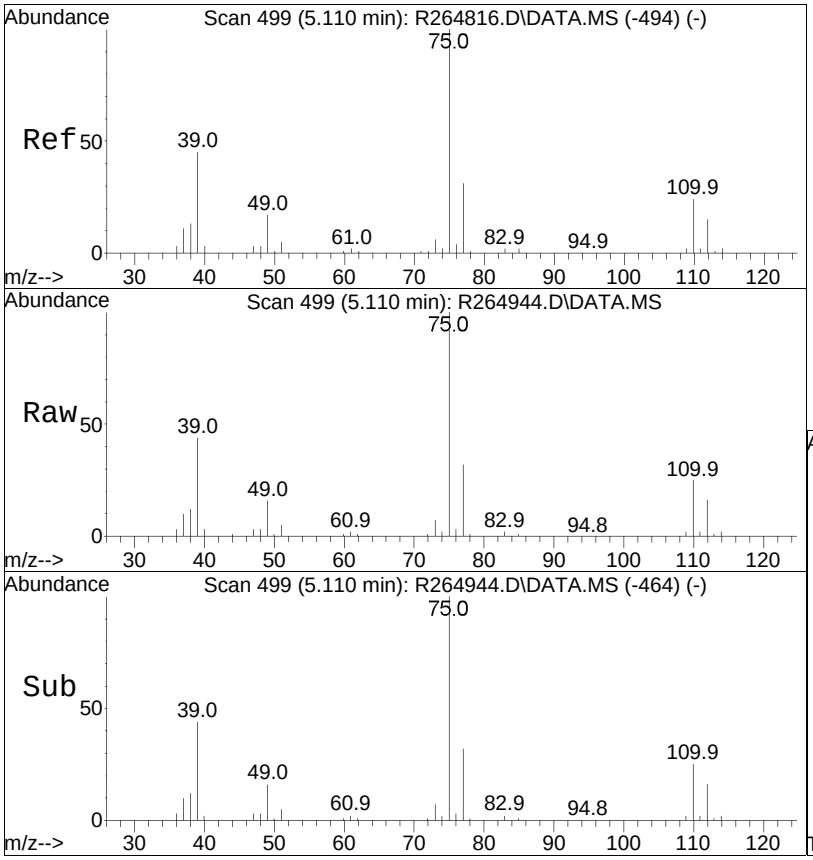


#62
heptane
Concen: 9.32 ppbV
RT: 4.865 min Scan# 473
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 43 Resp: 271054

Ion	Ratio	Lower	Upper
43	100		
57	62.1	47.8	71.8
100	27.7	20.1	30.1

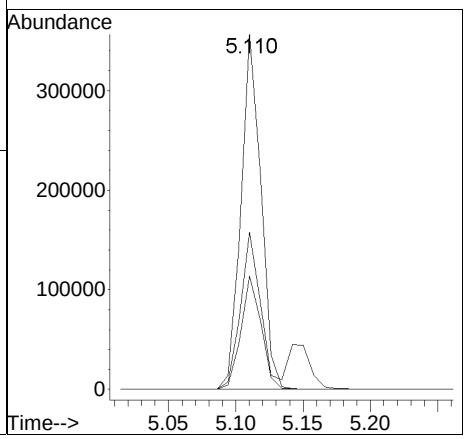


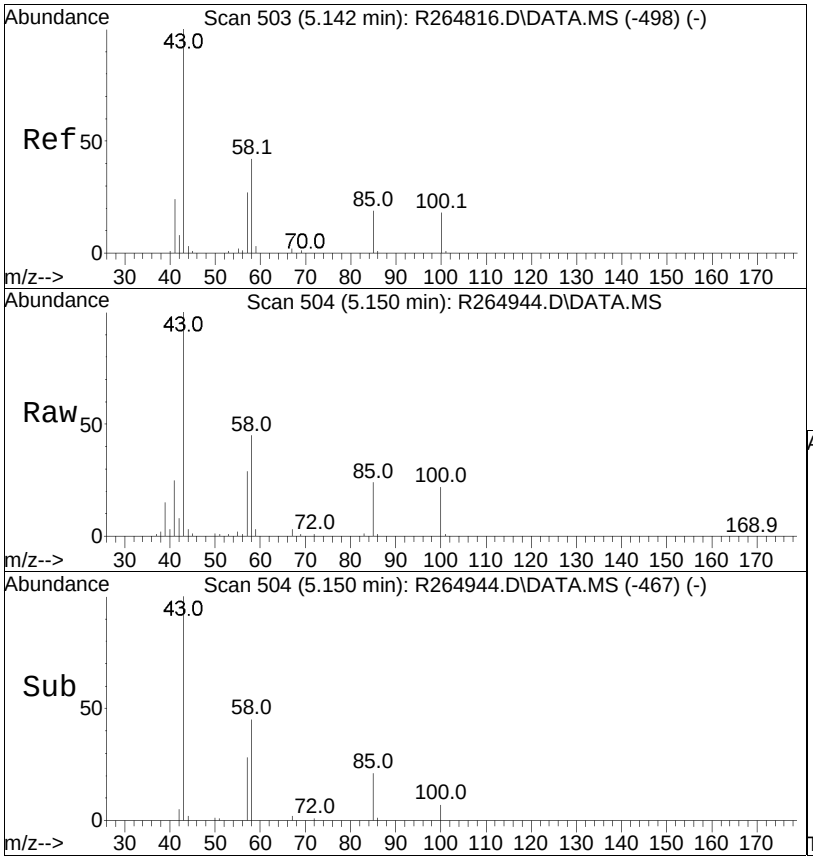


#63
cis-1,3-dichloropropene
Concen: 11.08 ppbV
RT: 5.110 min Scan# 499
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 75 Resp: 369865

Ion	Ratio	Lower	Upper
75	100		
39	44.3	35.8	53.8
77	31.9	25.1	37.7

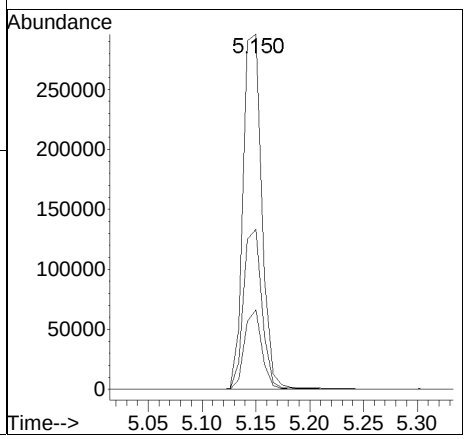


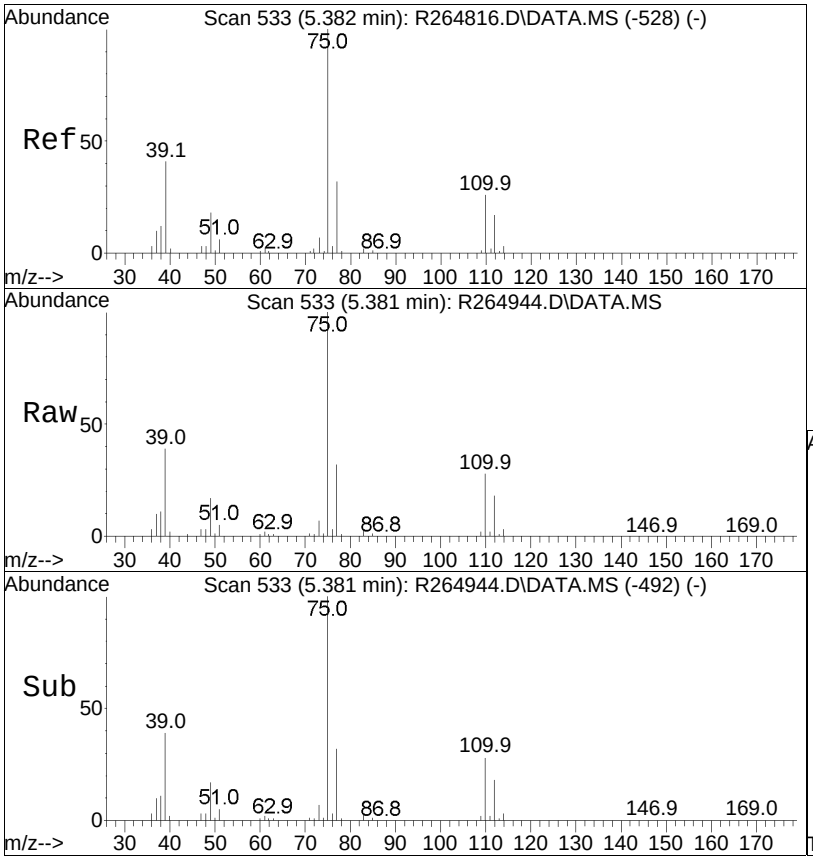


#64
4-methyl-2-pentanone
Concen: 9.65 ppbV
RT: 5.150 min Scan# 504
Delta R.T. 0.008 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 43 Resp: 362033

Ion	Ratio	Lower	Upper
43	100		
58	45.0	33.9	50.9
100	22.4	14.2	21.4#

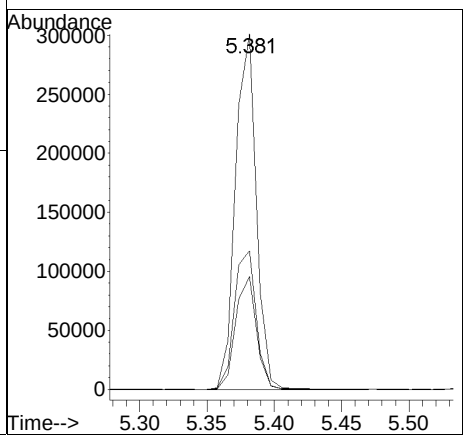


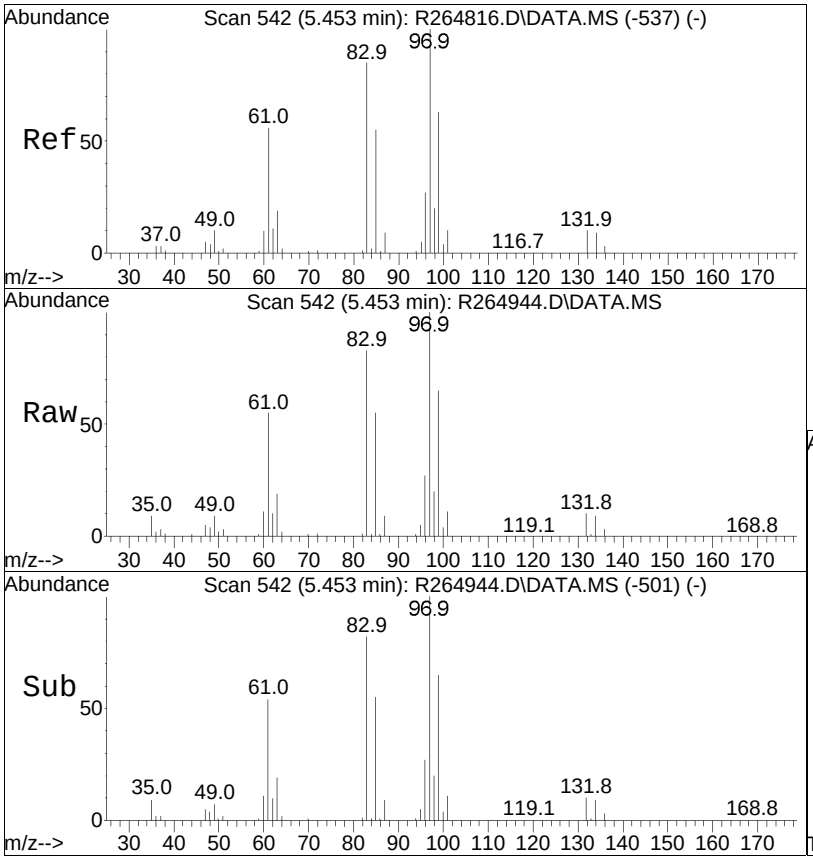


#65
trans-1,3-dichloropropene
Concen: 11.72 ppbV
RT: 5.381 min Scan# 533
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 75 Resp: 325212

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2
39	39.0	33.3	49.9

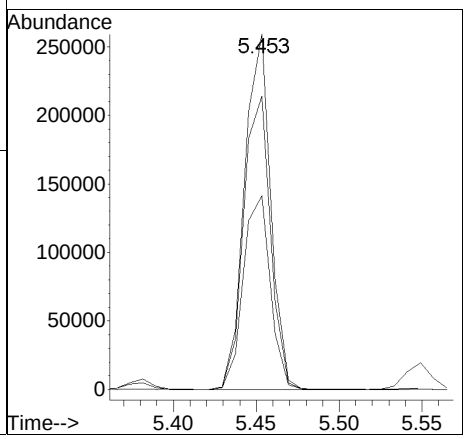


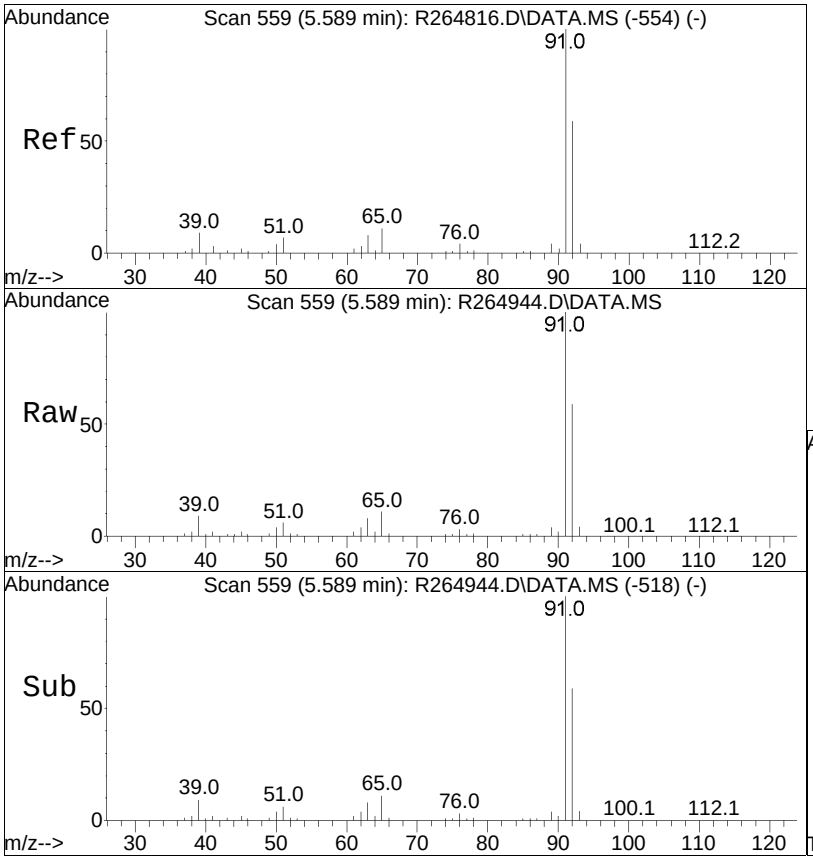


#66
1,1,2-trichloroethane
Concen: 10.75 ppbV
RT: 5.453 min Scan# 542
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 97 Resp: 285252

Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.7	101.5
61	54.5	45.1	67.7

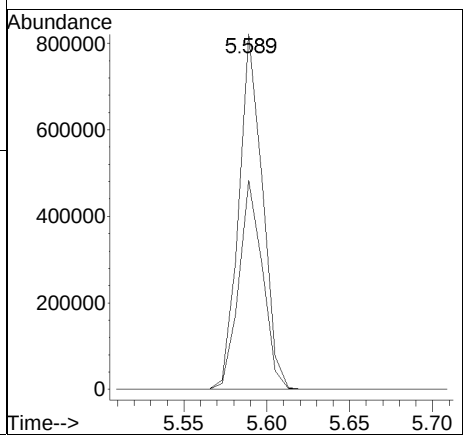


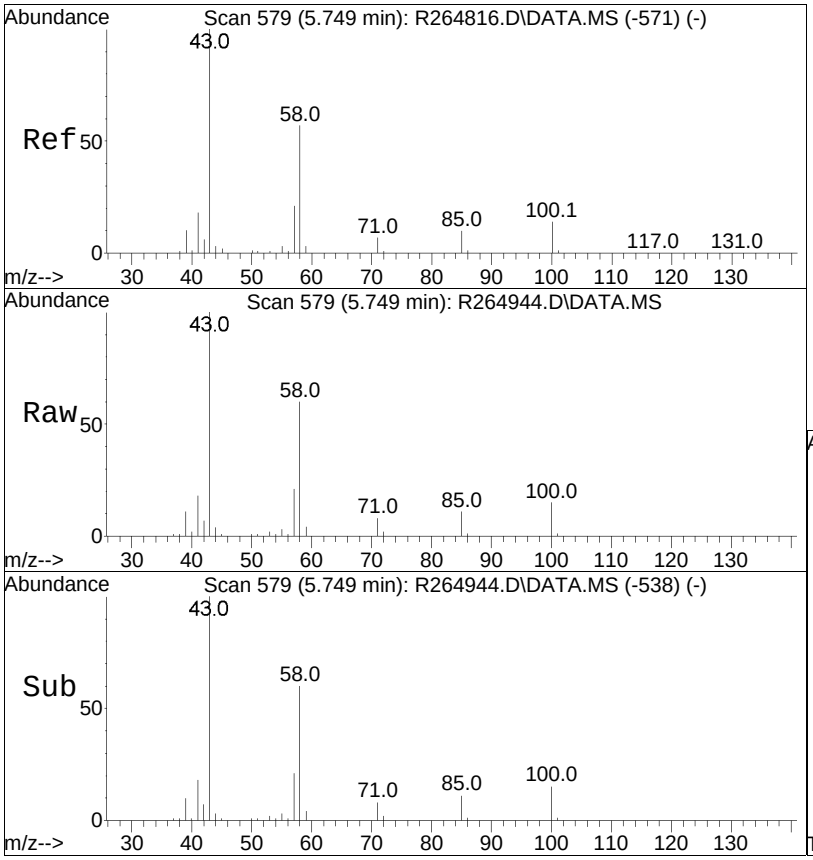


#68
toluene
Concen: 11.95 ppbV
RT: 5.589 min Scan# 559
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 91 Resp: 818466

Ion	Ratio	Lower	Upper
91	100		
92	58.8	47.1	70.7

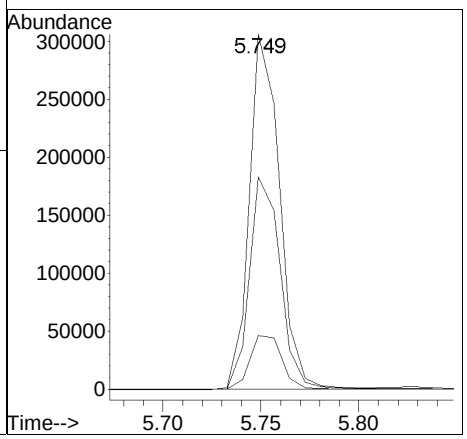


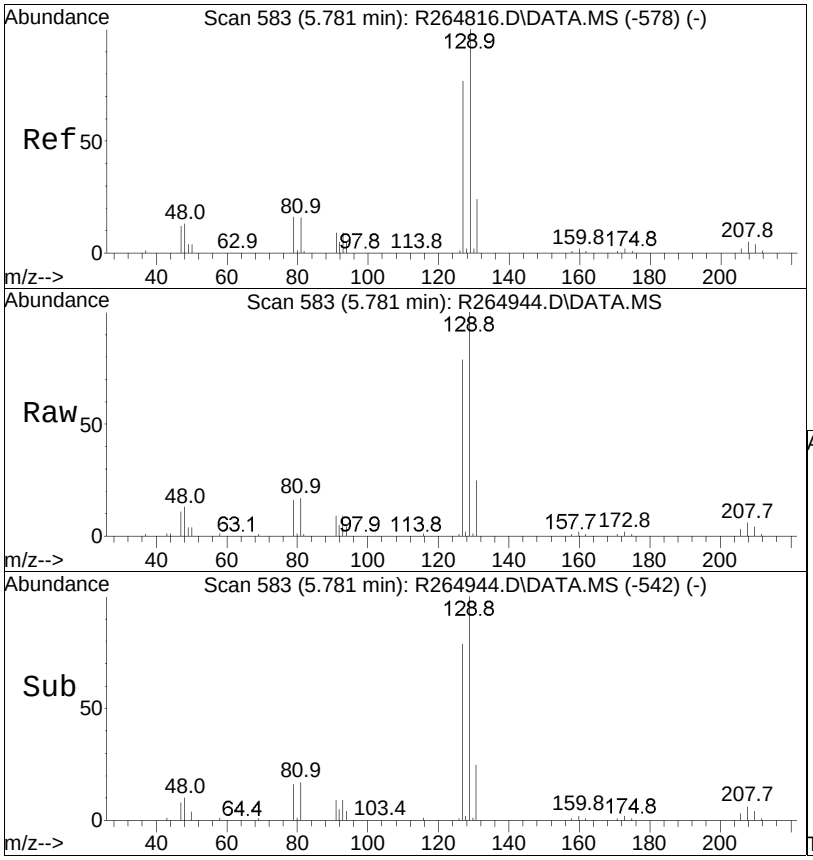


#72
2-hexanone
Concen: 10.26 ppbV
RT: 5.749 min Scan# 579
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 43 Resp: 328726

Ion	Ratio	Lower	Upper
43	100		
58	59.8	45.8	68.8
100	15.2	11.4	17.2

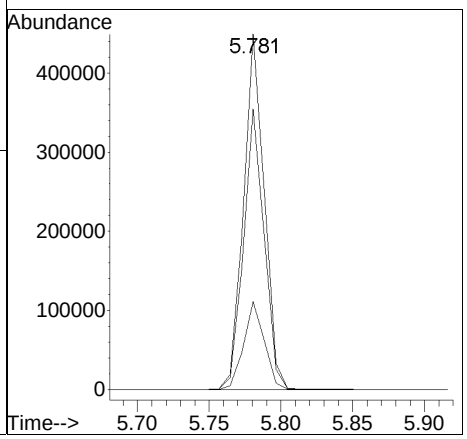


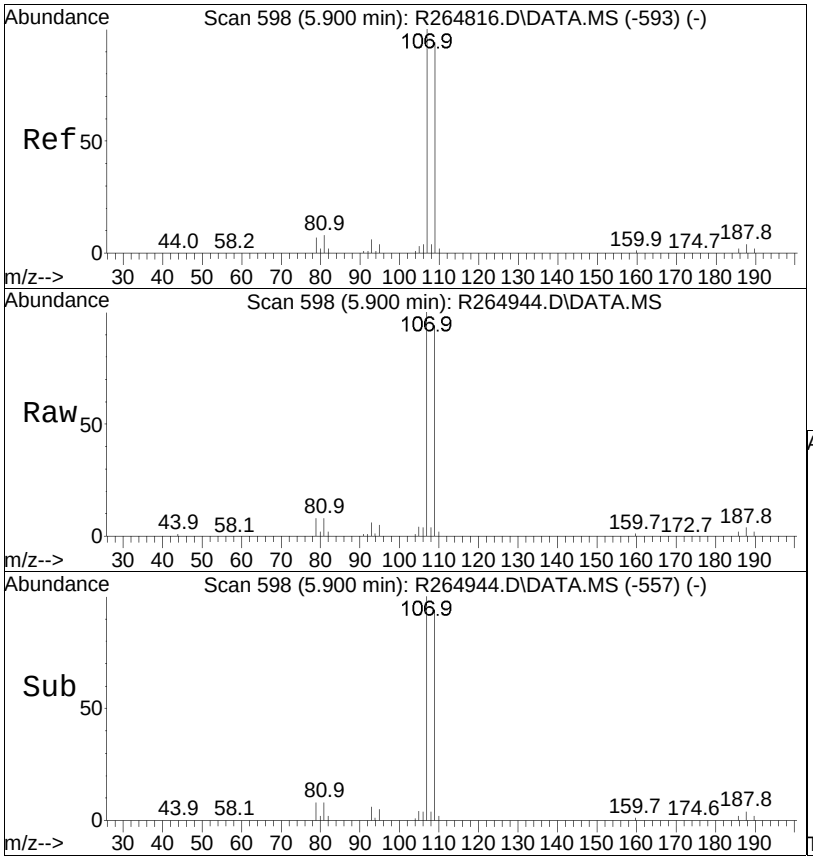


#74
dibromochloromethane
Concen: 11.78 ppbV
RT: 5.781 min Scan# 583
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:129 Resp: 450864

Ion	Ratio	Lower	Upper
129	100		
127	79.0	61.8	92.8
131	24.7	19.4	29.2

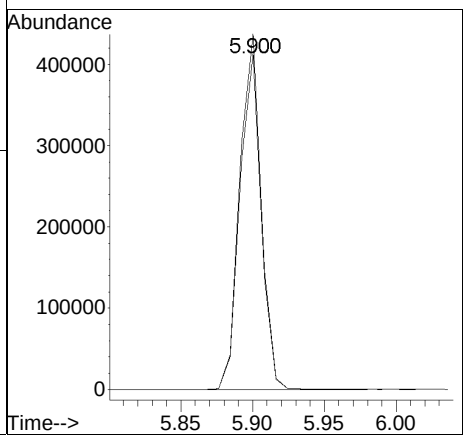


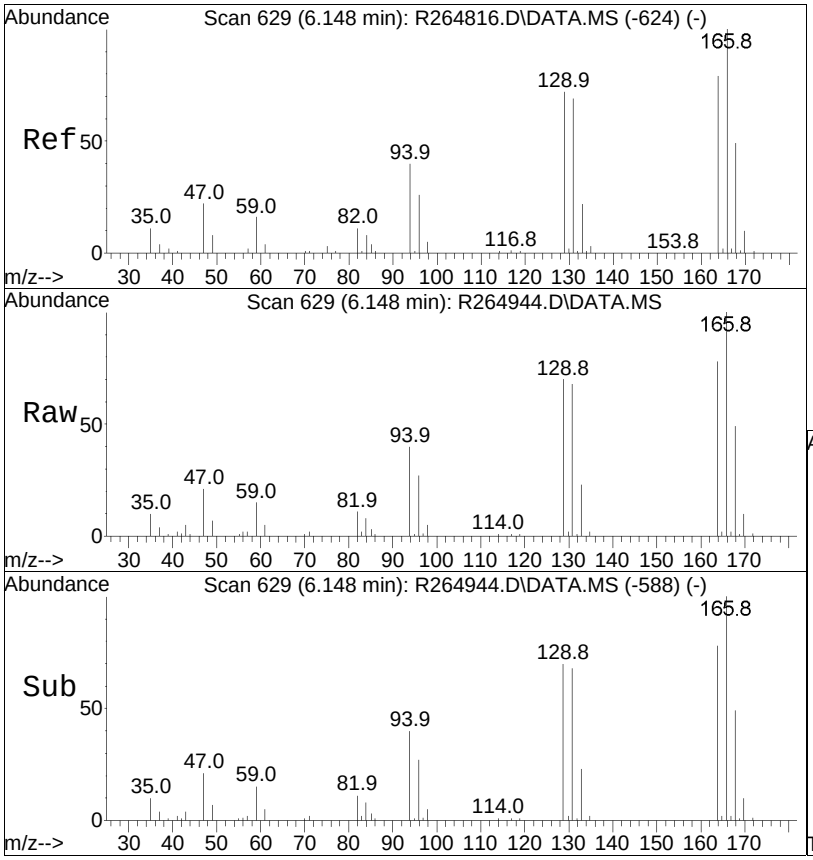


#75
1,2-dibromoethane
Concen: 12.43 ppbV
RT: 5.900 min Scan# 598
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:107 Resp: 453473

Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.6	113.4

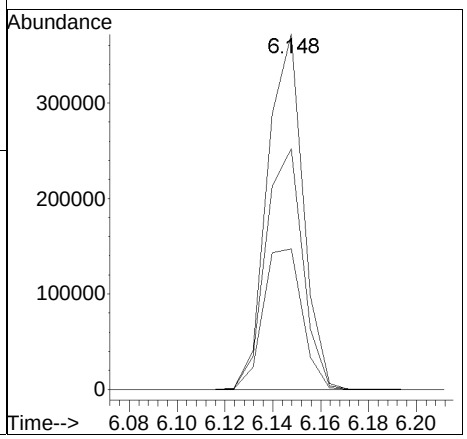


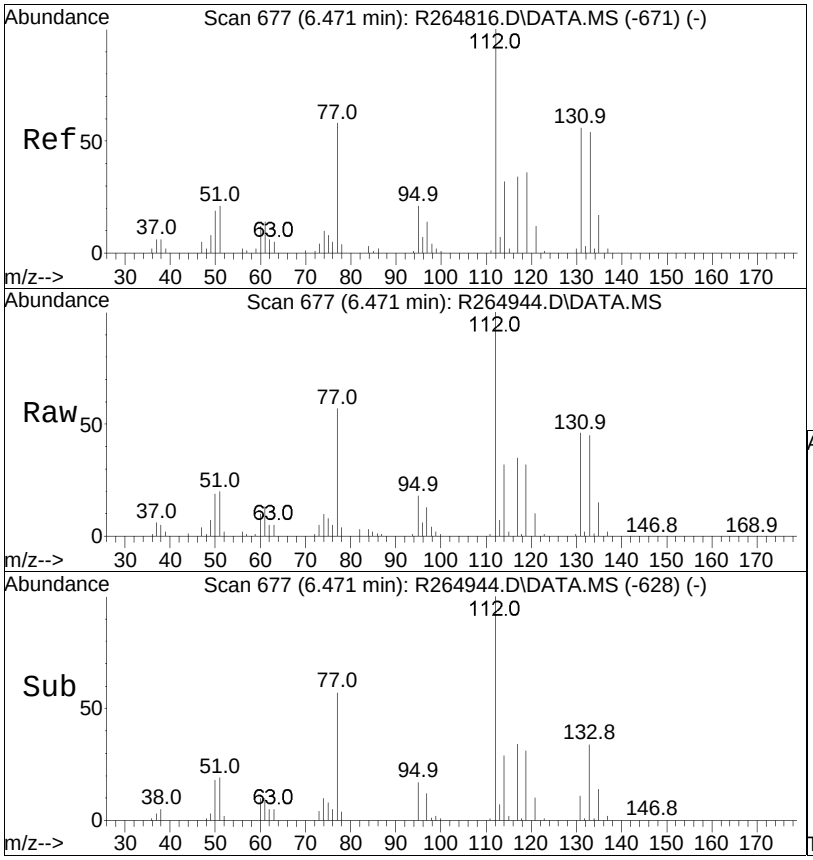


#78
tetrachloroethene
Concen: 11.94 ppbV
RT: 6.148 min Scan# 629
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:166 Resp: 386208

Ion	Ratio	Lower	Upper
166	100		
131	67.8	55.5	83.3
94	39.6	31.8	47.6

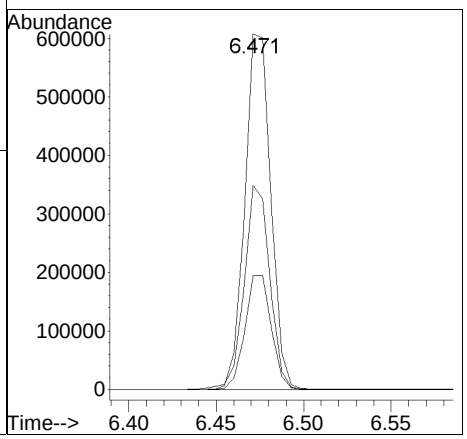


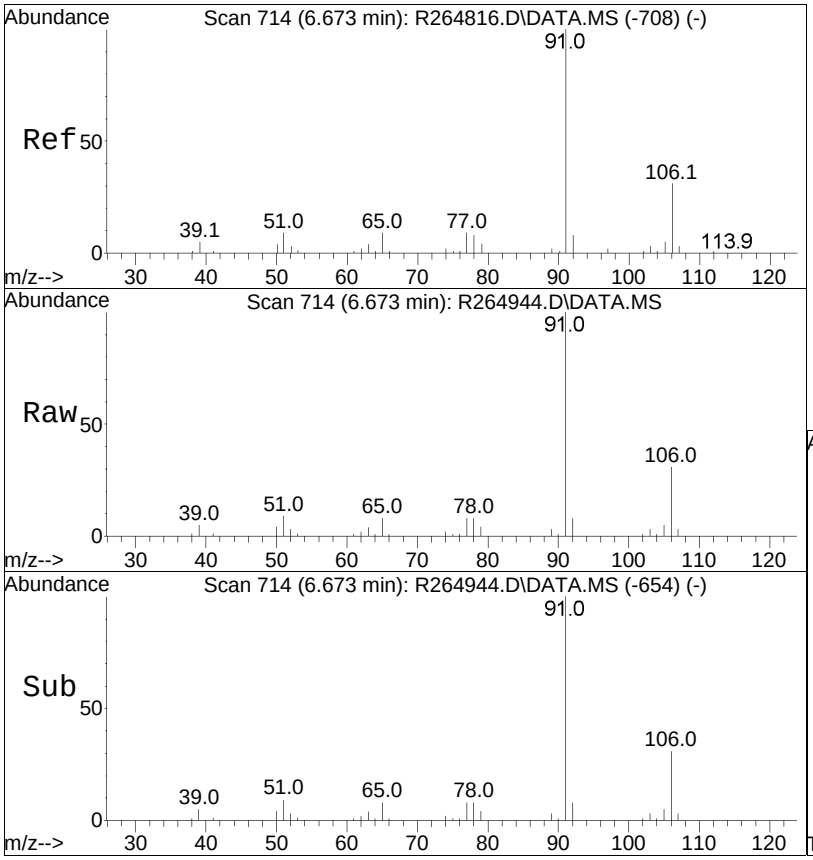


#80
chlorobenzene
Concen: 11.56 ppbV
RT: 6.471 min Scan# 677
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:112 Resp: 627125

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.2
77	57.4	46.6	70.0

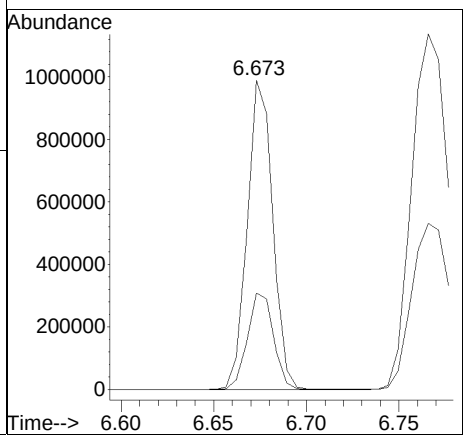


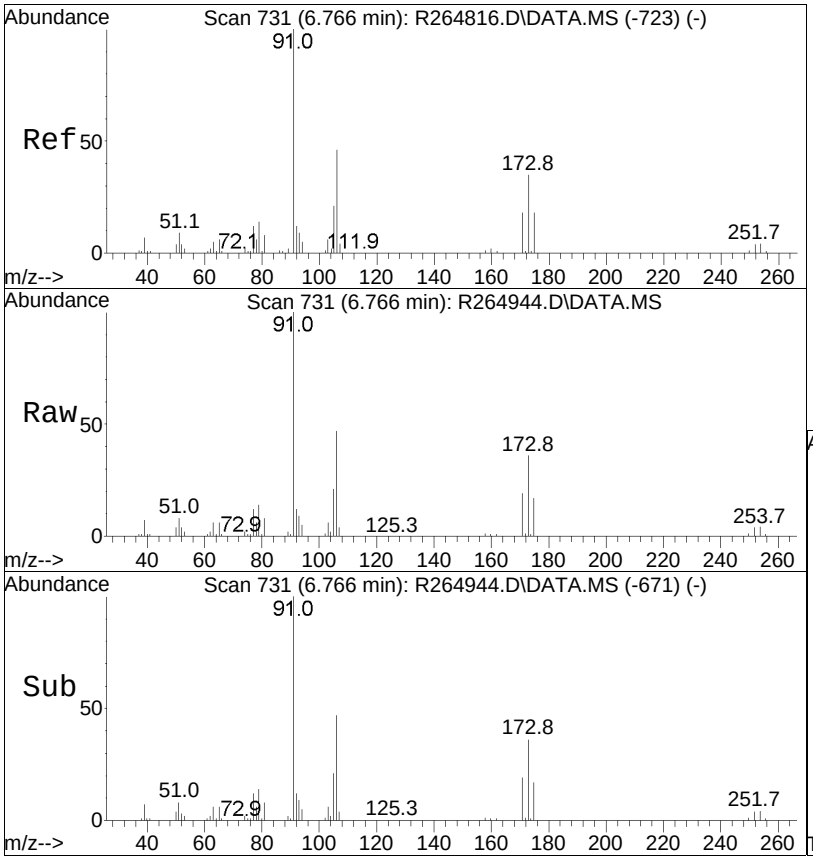


#81
ethylbenzene
Concen: 10.65 ppbV
RT: 6.673 min Scan# 714
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 91 Resp: 944625

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.9	37.3

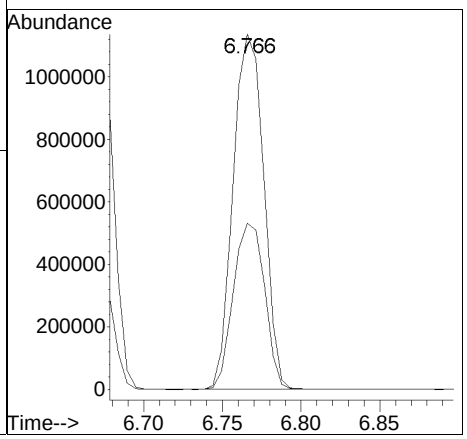


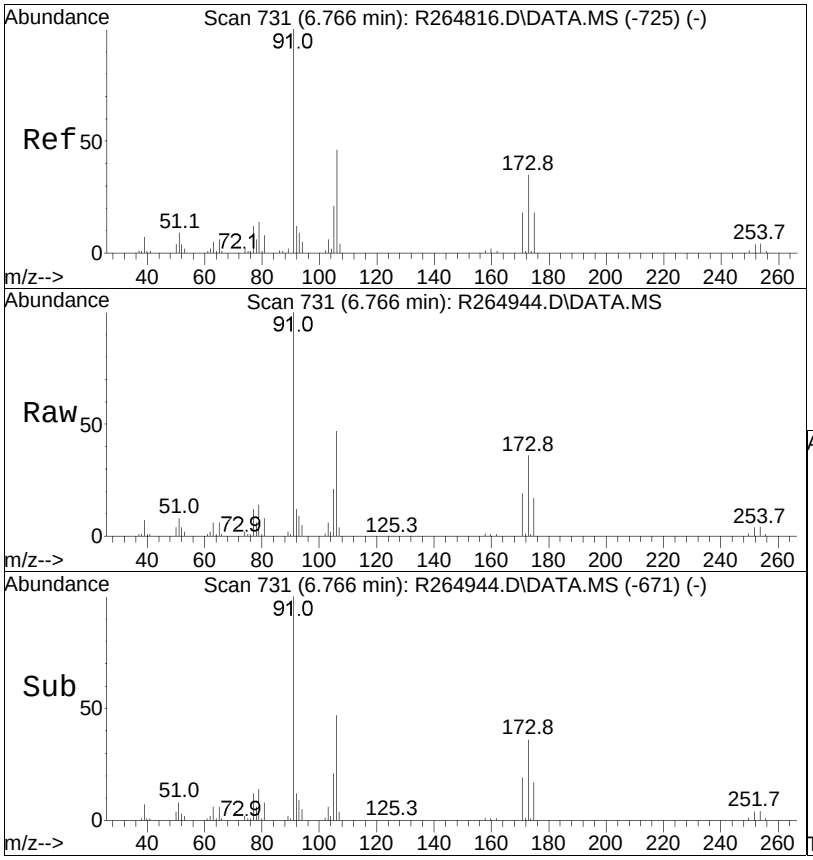


#83
m+p-xylene
Concen: 21.07 ppbV
RT: 6.766 min Scan# 731
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 91 Resp: 1540026

Ion	Ratio	Lower	Upper
91	100		
106	46.7	37.1	55.7

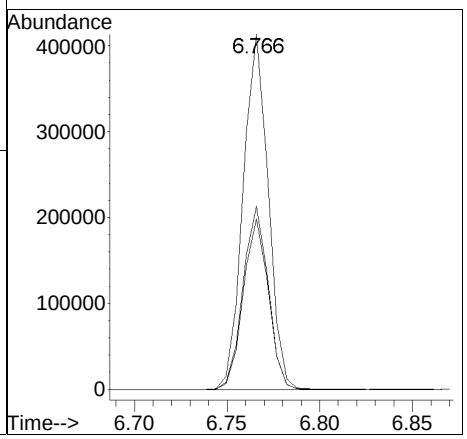


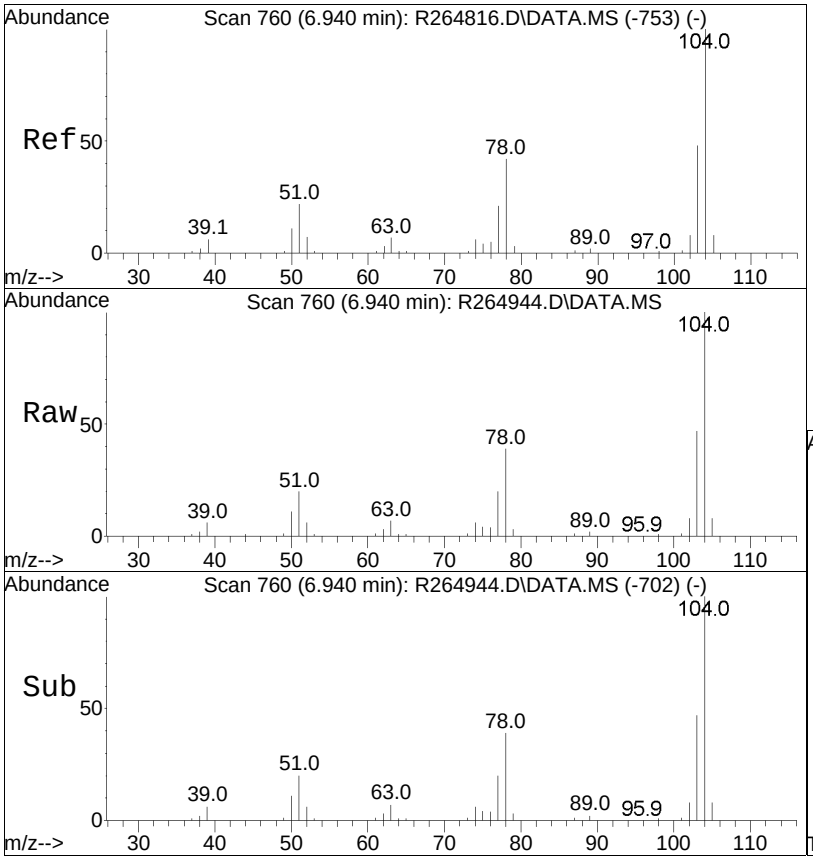


#84
bromoform
Concen: 11.11 ppbV
RT: 6.766 min Scan# 731
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:173 Resp: 390178

Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.7	59.5
171	51.5	42.0	63.0

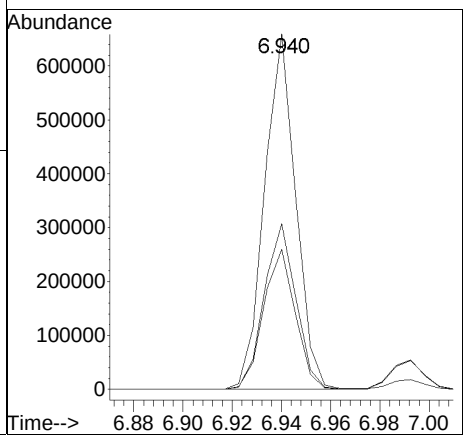


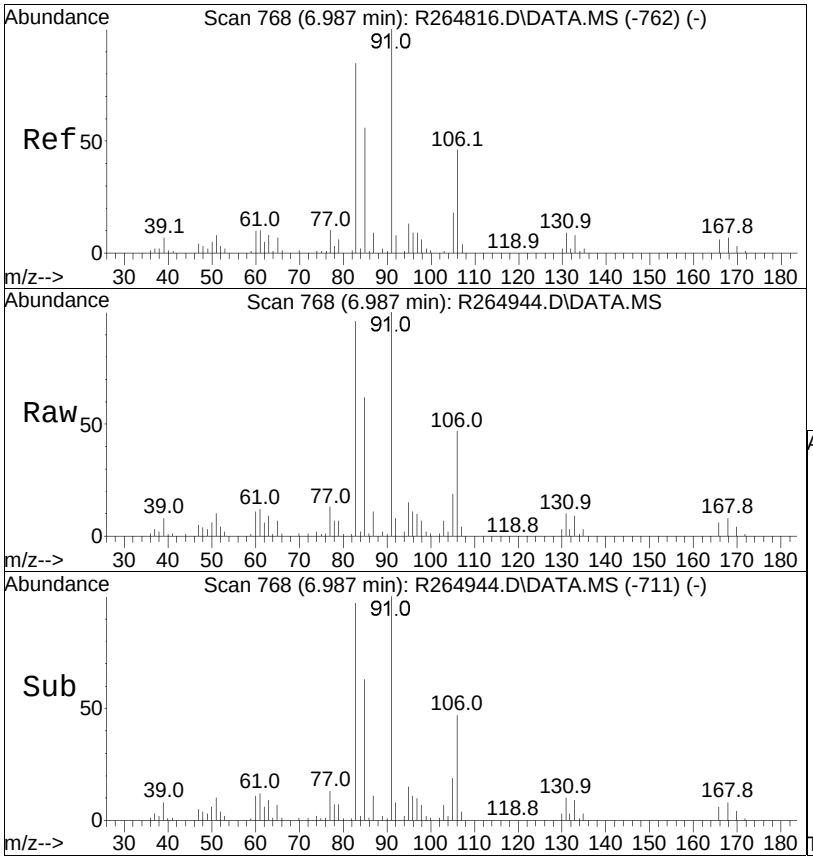


#85
styrene
Concen: 11.05 ppbV
RT: 6.940 min Scan# 760
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:104 Resp: 582757

Ion	Ratio	Lower	Upper
104	100		
103	46.6	38.5	57.7
78	39.4	33.7	50.5

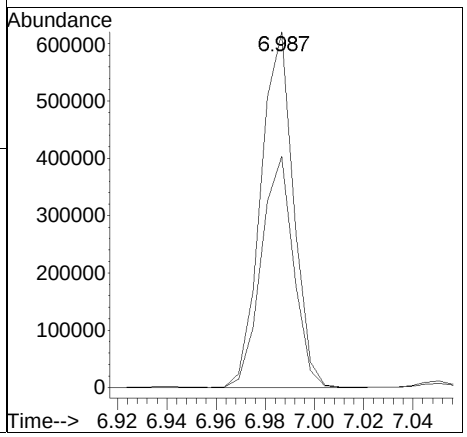


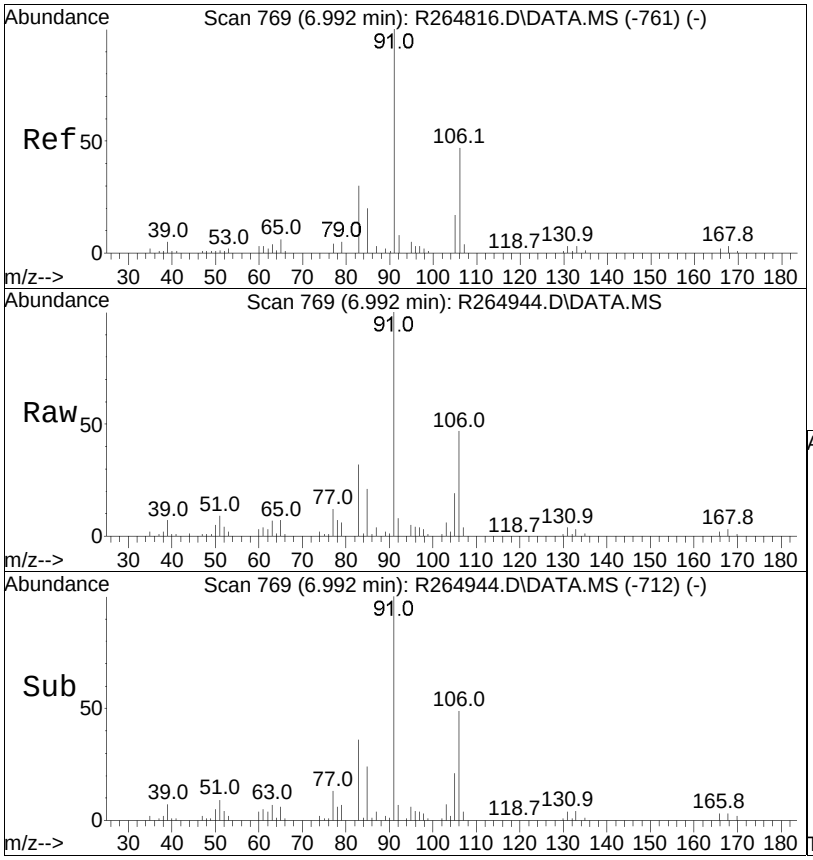


#86
1,1,2,2-tetrachloroethane
Concen: 11.23 ppbV
RT: 6.987 min Scan# 768
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 83 Resp: 572522

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.7	79.1

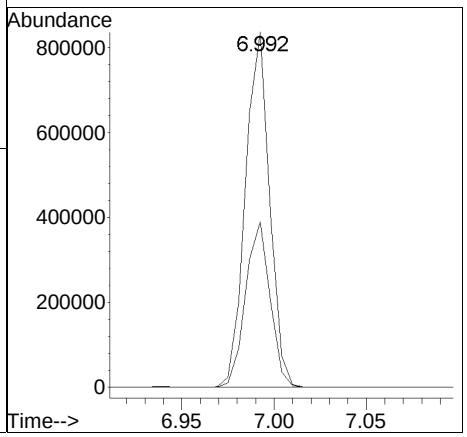


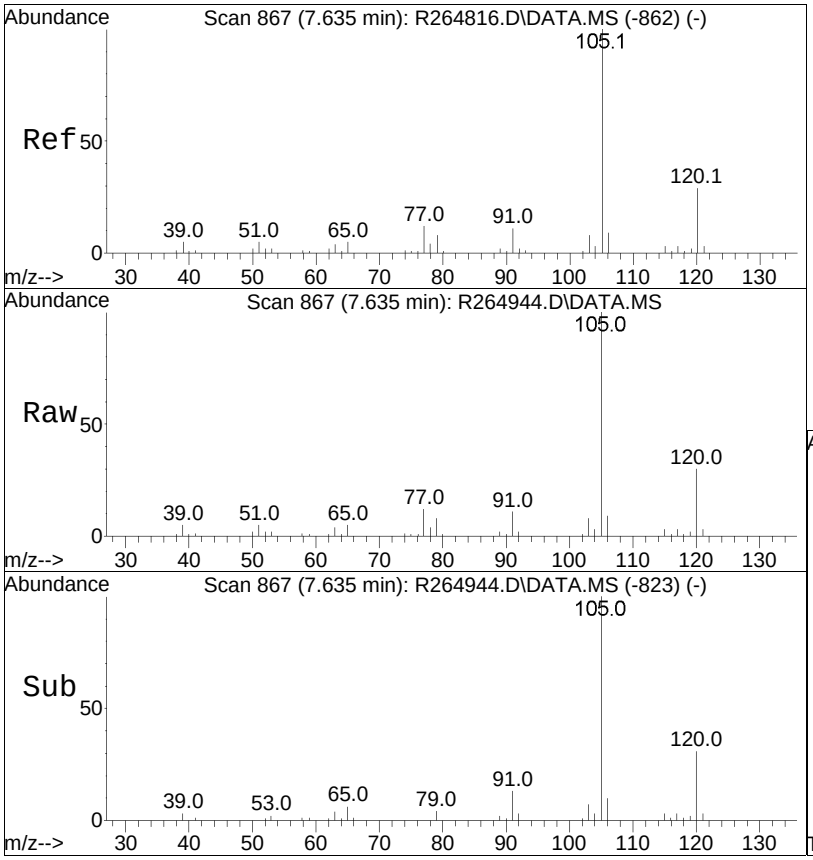


#87
o-xylene
Concen: 11.00 ppbV
RT: 6.992 min Scan# 769
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 91 Resp: 763946

Ion	Ratio	Lower	Upper
91	100		
106	46.7	38.1	57.1

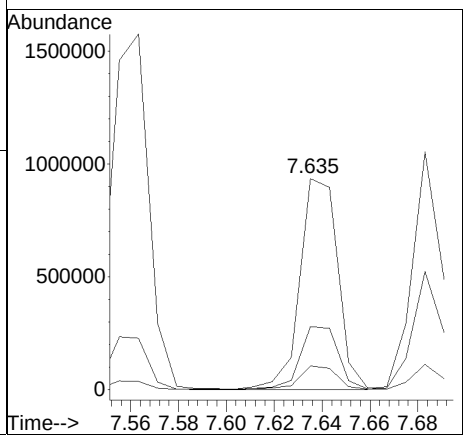


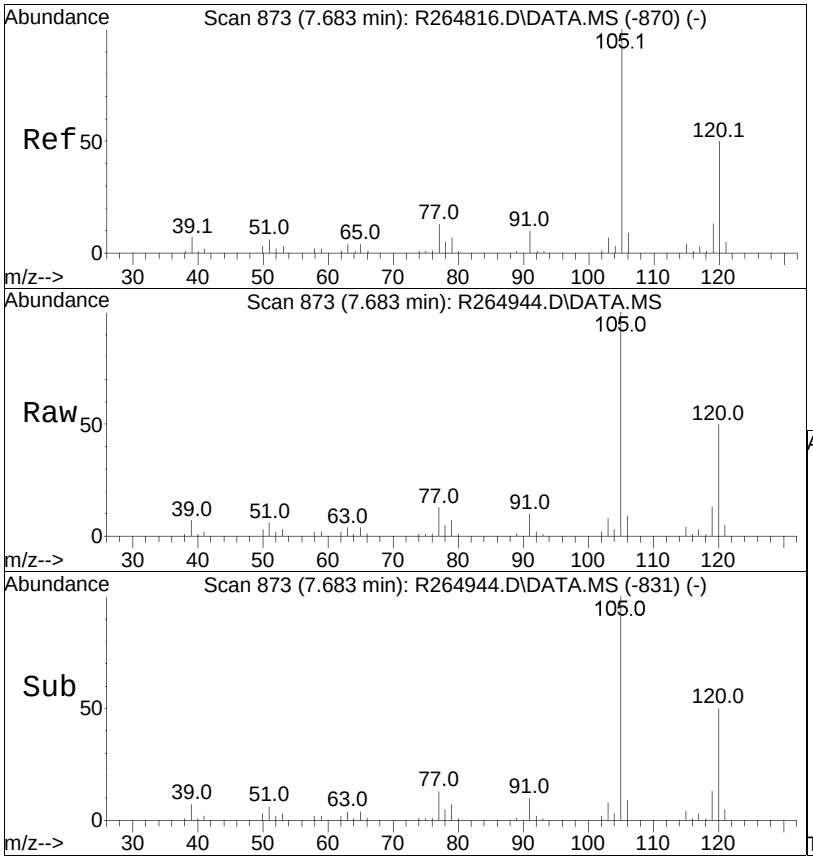


#96
4-ethyl toluene
Concen: 11.40 ppbV
RT: 7.635 min Scan# 867
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:105 Resp: 1027914

Ion	Ratio	Lower	Upper
105	100		
120	29.8	23.6	35.4
91	11.2	9.0	13.6

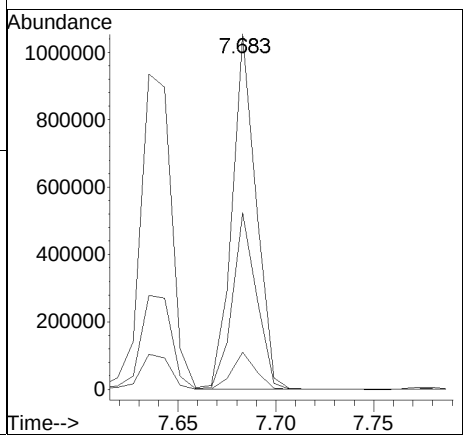


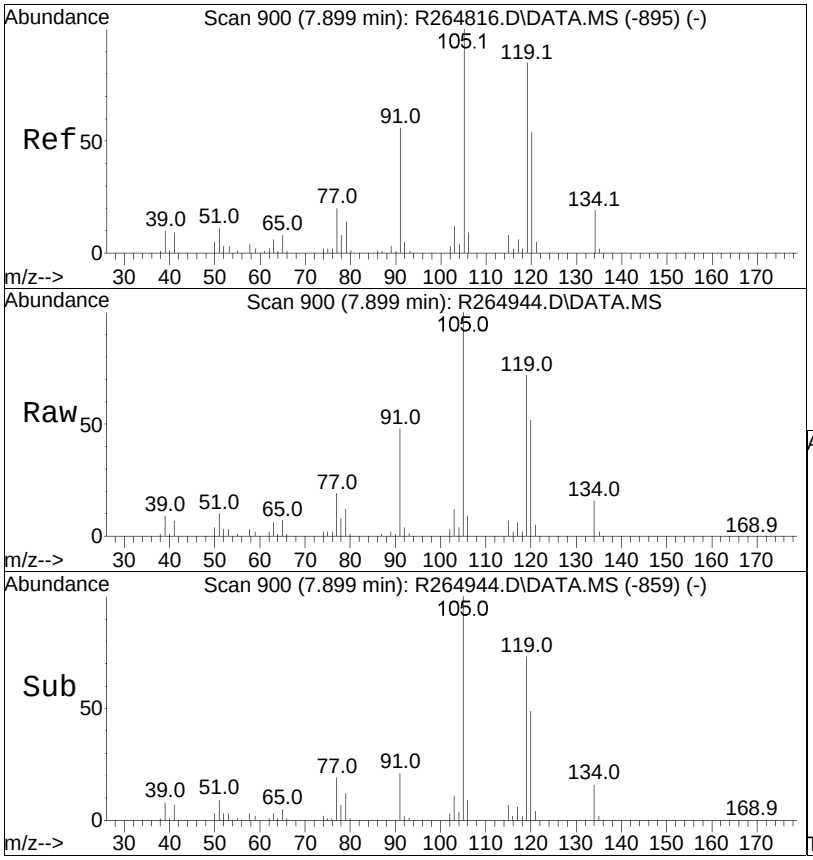


#97
1,3,5-trimethylbenzene
Concen: 11.31 ppbV
RT: 7.683 min Scan# 873
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:105 Resp: 902761

Ion	Ratio	Lower	Upper
105	100		
120	49.7	39.9	59.9
91	10.5	8.3	12.5

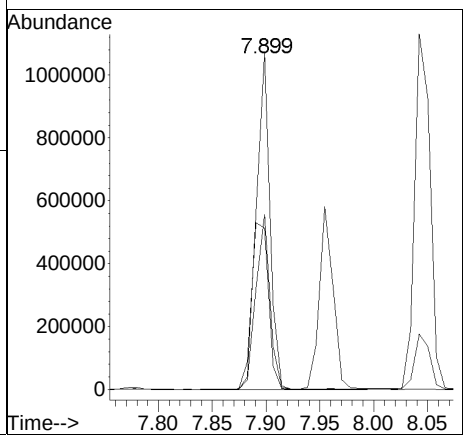


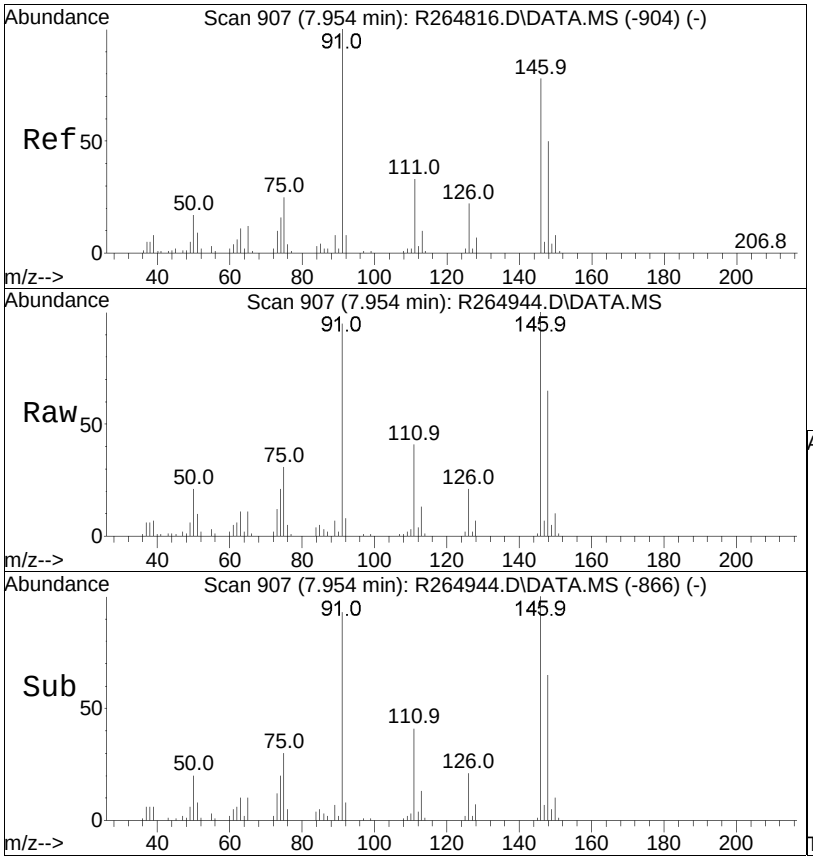


#99
1,2,4-trimethylbenzene
Concen: 11.53 ppbV
RT: 7.899 min Scan# 900
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:105 Resp: 938161

Ion	Ratio	Lower	Upper
105	100		
120	52.1	43.2	64.8
91	48.0	44.4	66.6

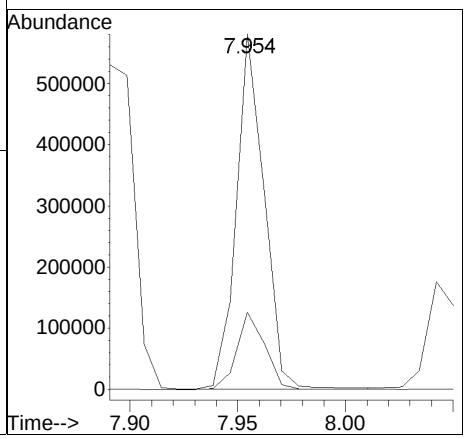


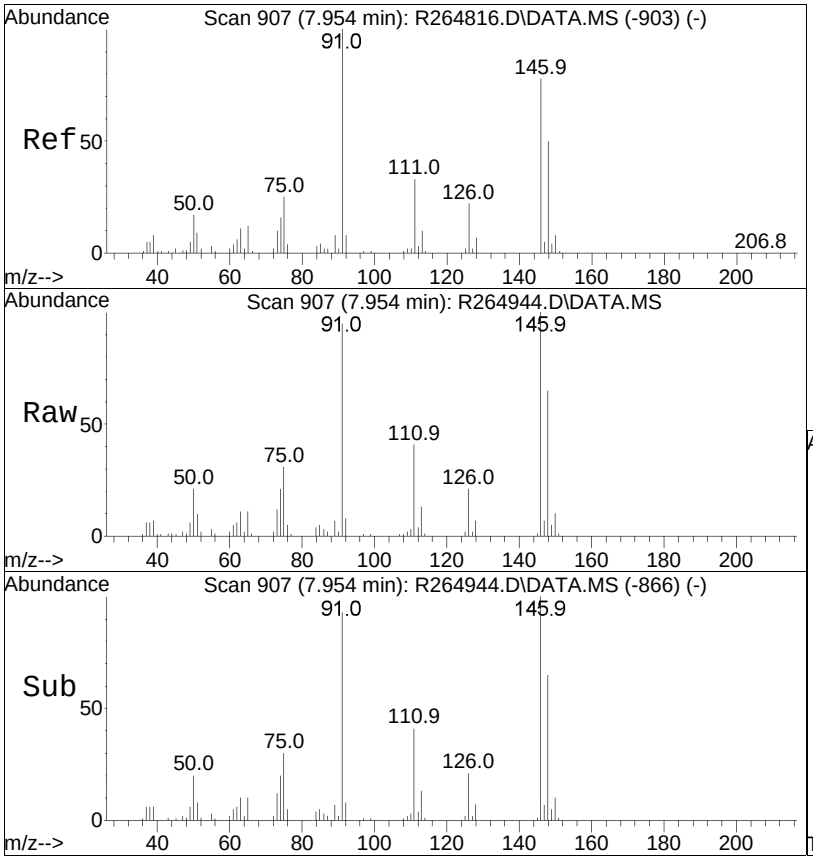


#101
Benzyl Chloride
Concen: 7.65 ppbV
RT: 7.954 min Scan# 907
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion: 91 Resp: 524715

Ion	Ratio	Lower	Upper
91	100		
126	21.7	17.4	26.2

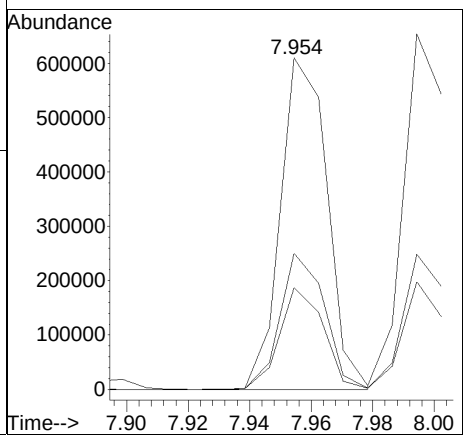


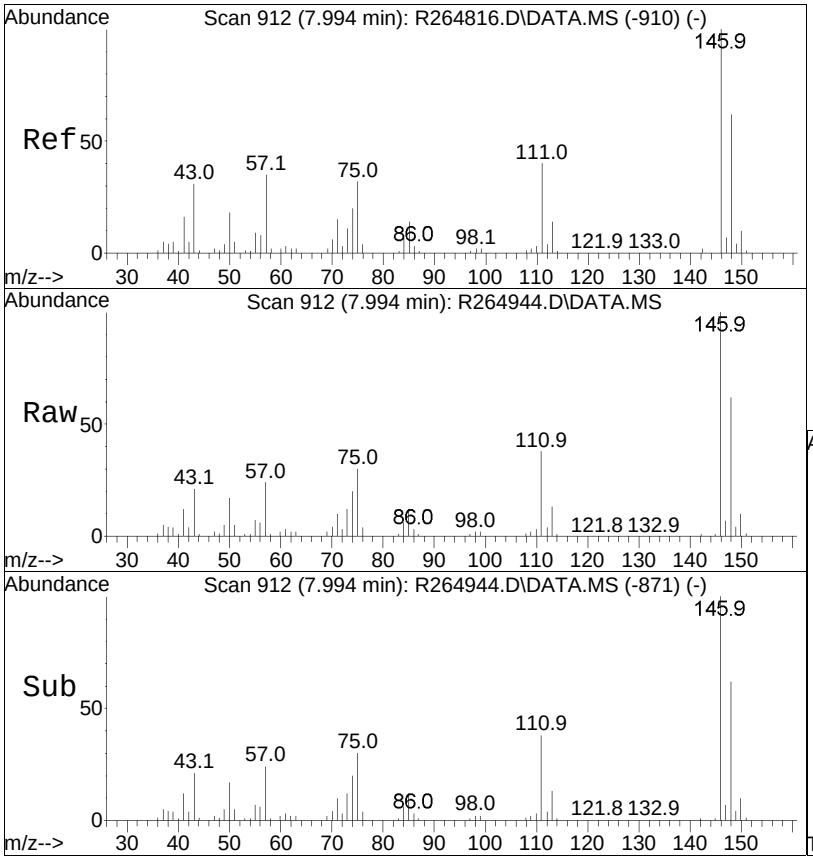


#102
1,3-dichlorobenzene
Concen: 11.34 ppbV
RT: 7.954 min Scan# 907
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:146 Resp: 642788

Ion	Ratio	Lower	Upper
146	100		
111	41.1	33.5	50.3
75	30.7	26.0	39.0

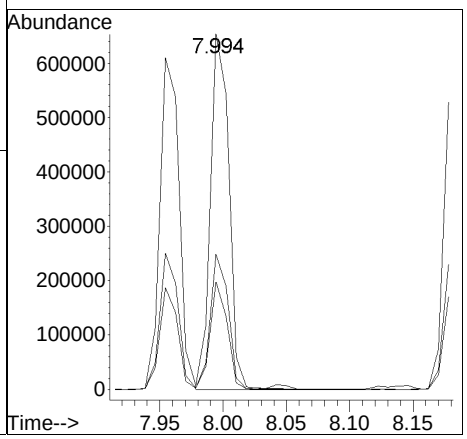


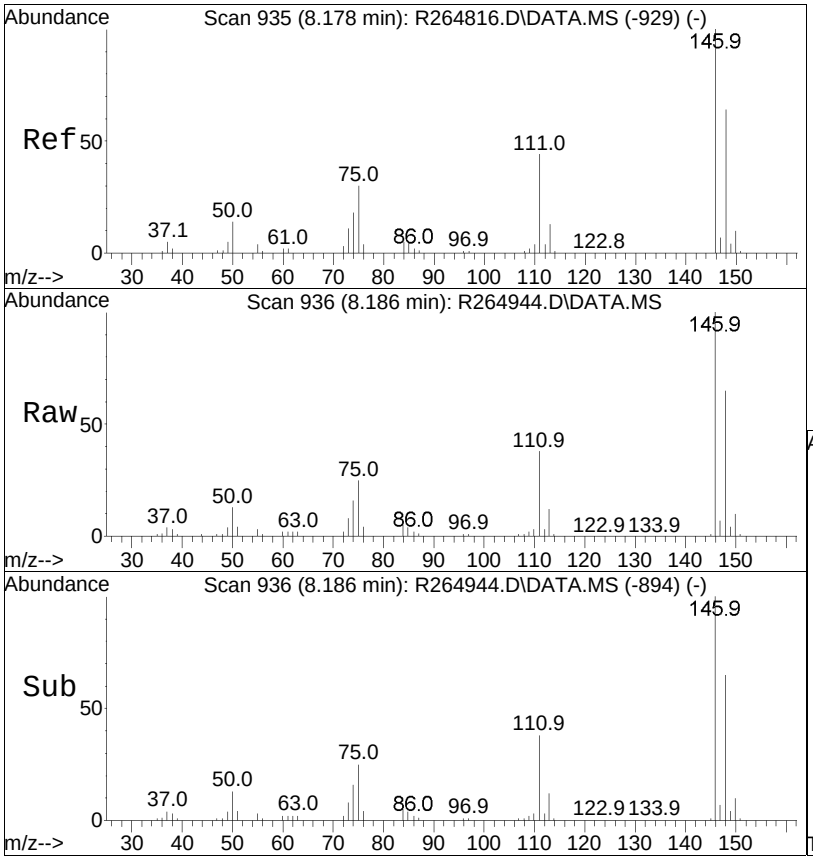


#103
1,4-dichlorobenzene
Concen: 11.72 ppbV
RT: 7.994 min Scan# 912
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:146 Resp: 664298

Ion	Ratio	Lower	Upper
146	100		
111	38.0	32.1	48.1
75	30.3	25.3	37.9

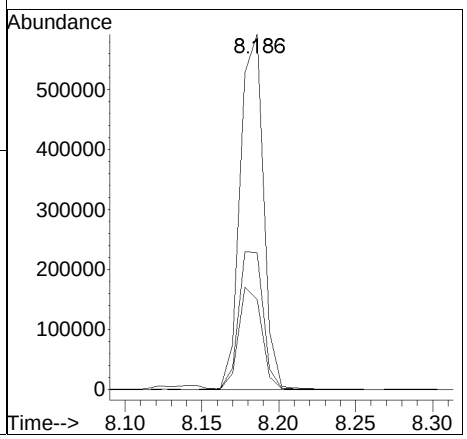


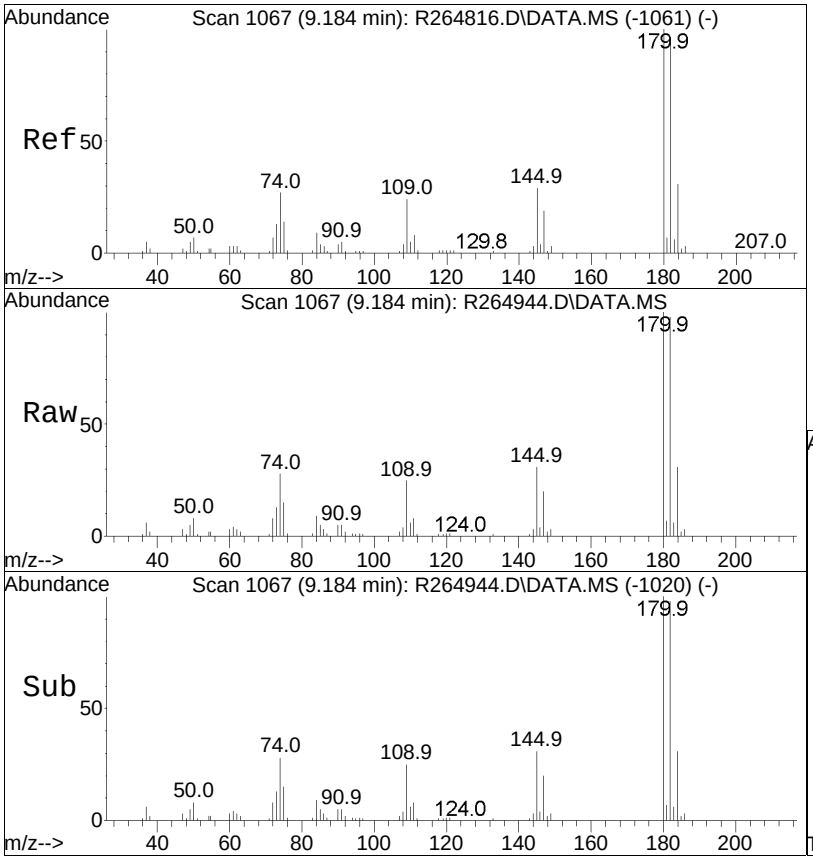


#107
1,2-dichlorobenzene
Concen: 11.24 ppbV
RT: 8.186 min Scan# 936
Delta R.T. 0.008 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:146 Resp: 624820

Ion	Ratio	Lower	Upper
146	100		
111	38.4	35.4	53.0
75	25.3	25.1	37.7

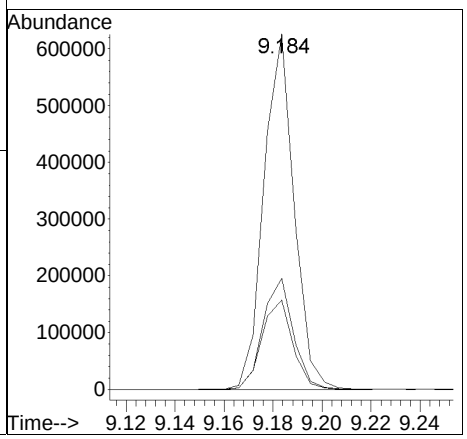


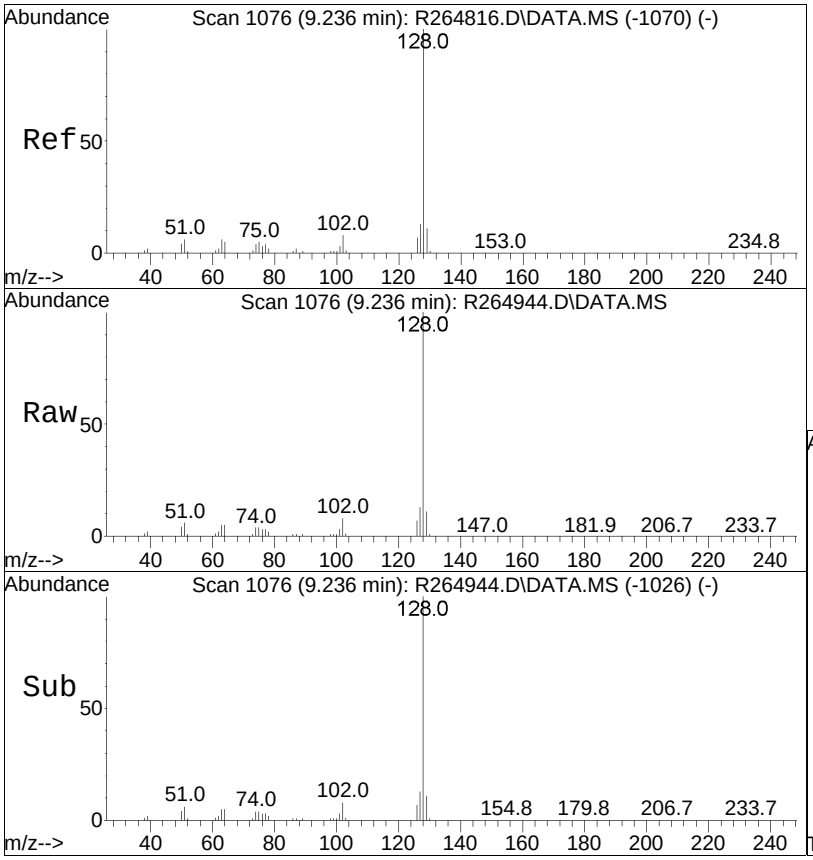


#115
1,2,4-trichlorobenzene
Concen: 10.35 ppbV
RT: 9.184 min Scan# 1067
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:180 Resp: 536875

Ion	Ratio	Lower	Upper
180	100		
145	31.3	23.4	35.0
109	25.2	19.4	29.2

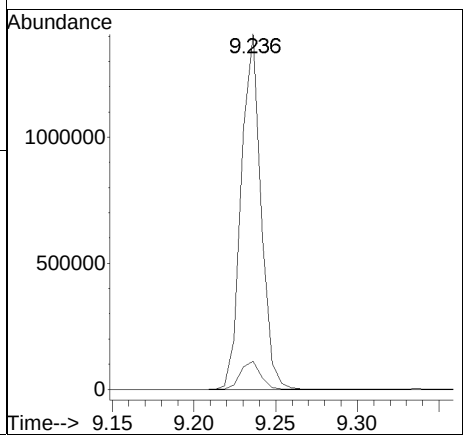


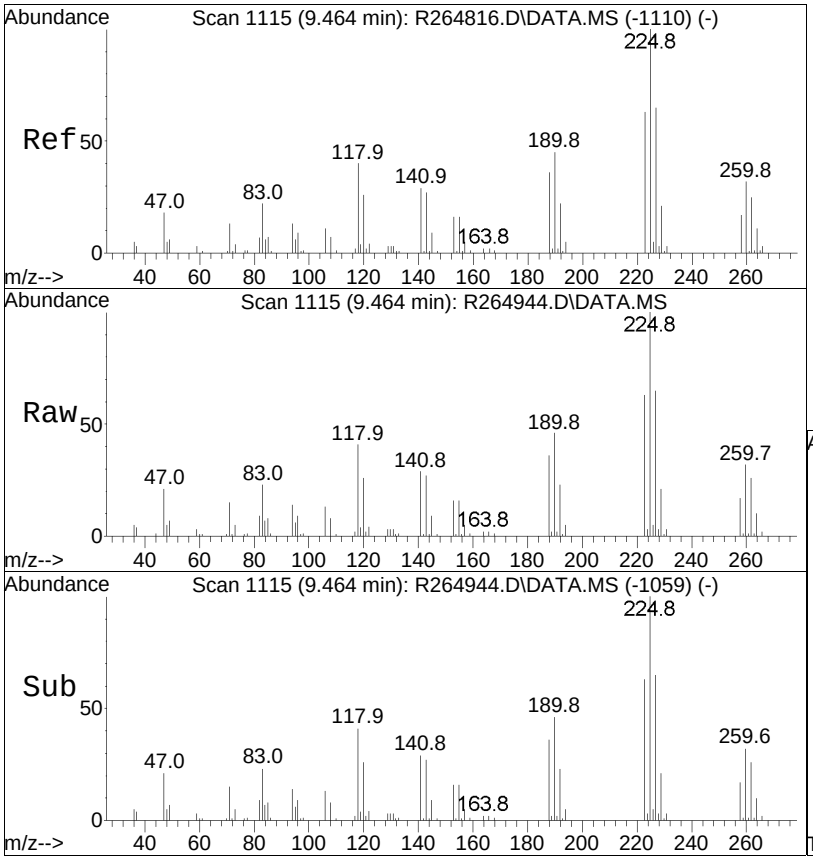


#116
naphthalene
Concen: 9.30 ppbV
RT: 9.236 min Scan# 1076
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:128 Resp: 1189484

Ion	Ratio	Lower	Upper
128	100		
102	7.9	6.6	9.8

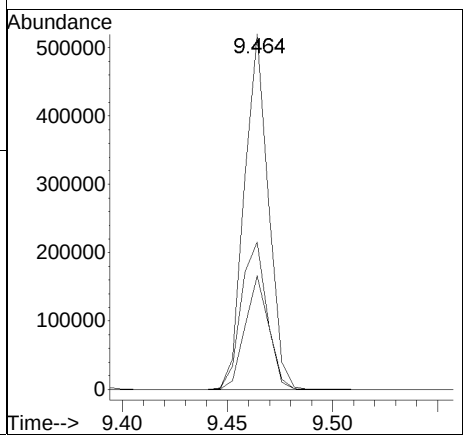




#119
hexachlorobutadiene
Concen: 10.32 ppbV
RT: 9.464 min Scan# 1115
Delta R.T. -0.000 min
Lab File: R264944.D
Acq: 15 Jul 2025 12:39 pm

Tgt Ion:225 Resp: 413752

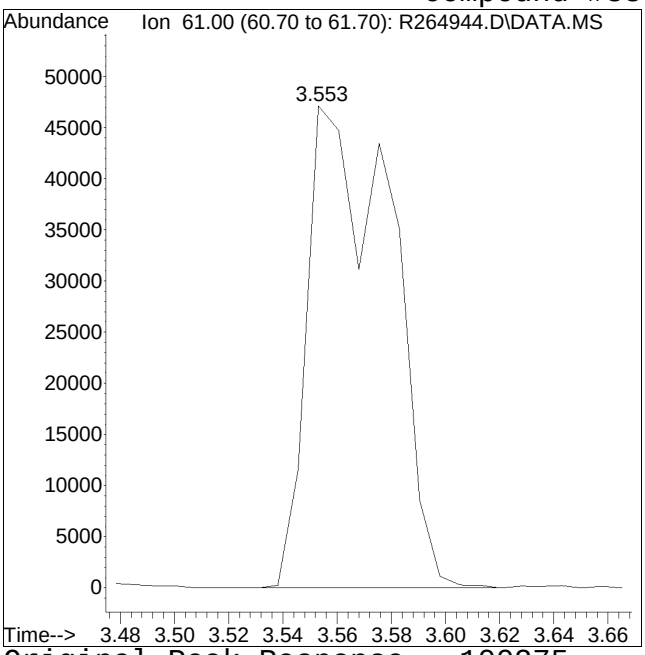
Ion	Ratio	Lower	Upper
225	100		
260	32.0	25.8	38.6
118	41.5	32.0	48.0



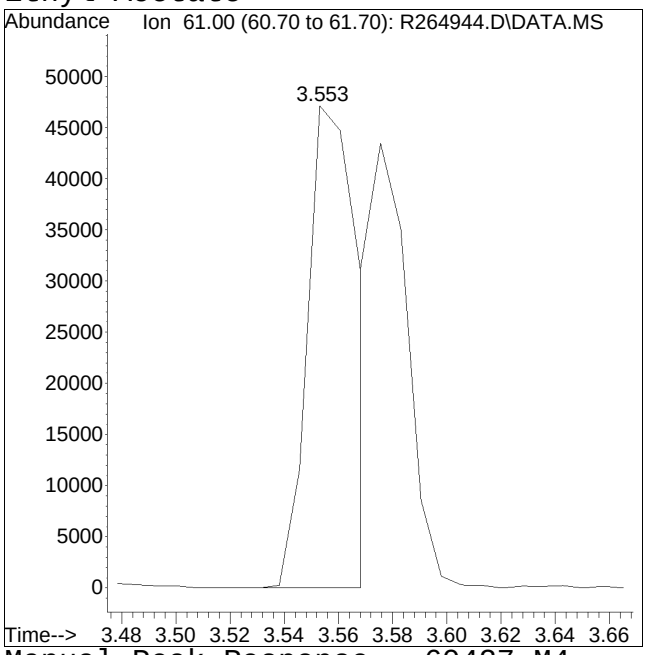
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264944.D Operator : AIRLAB26:RAY
Date Inj'd : 7/15/2025 12:39 pm Instrument : Airlab26
Sample : WG2090986-3,3,250,250 Quant Date : 7/15/2025 1:03 pm

Compound #38: Ethyl Acetate



Original Peak Response = 100275



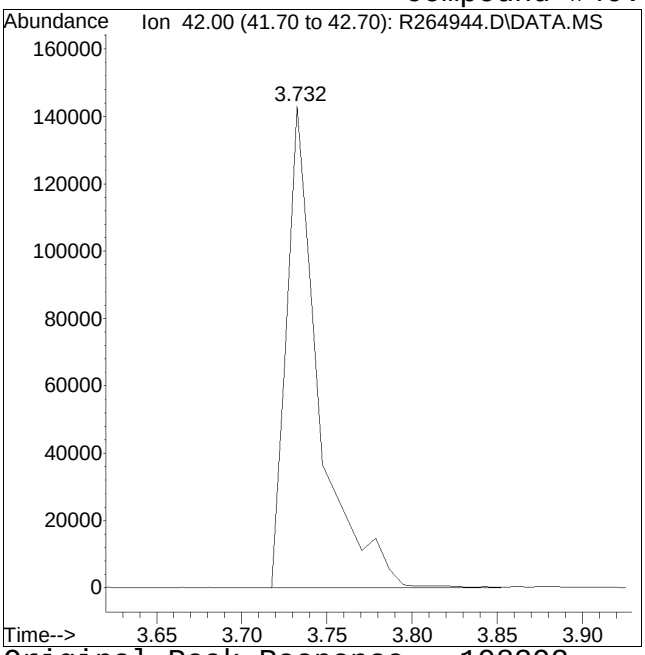
Manual Peak Response = 60427 M4

M4 = Poor automated baseline construction.

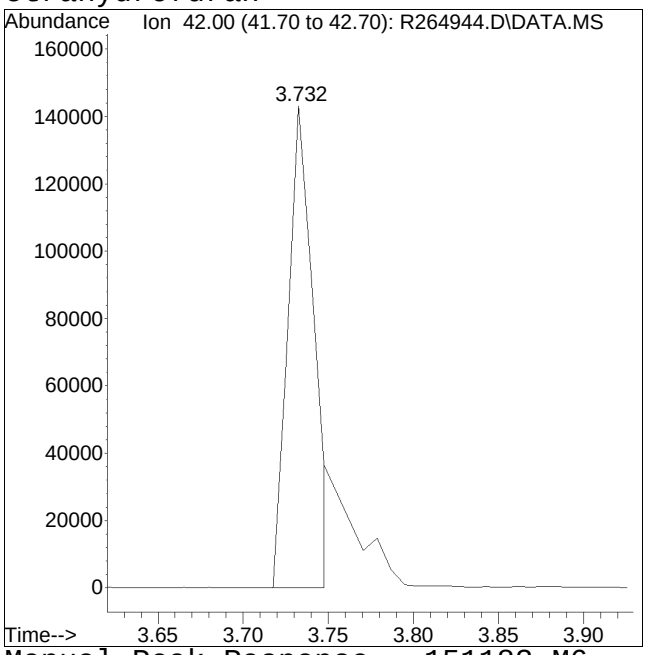
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264944.D Operator : AIRLAB26:RAY
Date Inj'd : 7/15/2025 12:39 pm Instrument : Airlab26
Sample : WG2090986-3,3,250,250 Quant Date : 7/15/2025 1:03 pm

Compound #40: Tetrahydrofuran



Original Peak Response = 198392



Manual Peak Response = 151183 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264960.D
Acq On : 16 Jul 2025 01:19 am
Operator : AIRLAB26:RAY
Sample : WG2090986-5D,3,99.15,250
Misc : WG2090986,ICAL22465
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 16 06:29:40 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : NJ-LL_New - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.508	49	195028	10.000	ppbV	0.00
Standard Area = 189637			Recovery = 102.84%			
43) 1,4-difluorobenzene	4.375	114	688955	10.000	ppbV	0.00
Standard Area = 667401			Recovery = 103.23%			
67) chlorobenzene-D5	6.455	54	103565	10.000	ppbV	0.00
Standard Area = 107009			Recovery = 96.78%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.035	85	7232M6	0.192	ppbV	
6) chloromethane	2.085	50	1637M3	0.140	ppbV	
7) Freon-114	0.000		0	N.D.	d	
9) vinyl chloride	2.013		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.		
13) bromomethane	2.277		0	N.D.		
14) chloroethane	2.337		0	N.D.		
15) ethanol	2.370	31	25491	3.145	ppbV	84
17) vinyl bromide	2.574		0	N.D.		
19) acetone	2.517	43	80931	4.332	ppbV #	93
21) trichlorofluoromethane	2.562	101	4444	0.113	ppbV	92
22) isopropyl alcohol	2.579	45	45624	2.090	ppbV	100
26) 1,1-dichloroethene	2.736	61	16957	0.629	ppbV	96
27) tertiary butyl alcohol	2.751	59	4231	0.120	ppbV #	30
28) methylene chloride	2.770	49	2105	0.129	ppbV	99
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	2.856	76	22688	0.574	ppbV #	1
31) Freon 113	2.856	101	5219	0.175	ppbV #	88
32) trans-1,2-dichloroethene	3.067	61	17939	0.829	ppbV	89
33) 1,1-dichloroethane	3.138	63	33882	1.175	ppbV	95
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	3.297	43	13177	0.473	ppbV	96
37) cis-1,2-dichloroethene	3.449	61	267907	12.304	ppbV	99
39) chloroform	3.568	83	1255	0.037	ppbV	98
40) Tetrahydrofuran	3.747	42	1602	0.116	ppbV #	80
42) 1,2-dichloroethane	0.000		0	N.D.	d	
44) hexane	3.553	57	9192	0.374	ppbV #	15
48) 1,1,1-trichloroethane	3.982	97	52015	1.348	ppbV	97
50) benzene	4.186	78	3006	0.055	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264960.D
Acq On : 16 Jul 2025 01:19 am
Operator : AIRLAB26:RAY
Sample : WG2090986-5D,3,99.15,250
Misc : WG2090986,ICAL22465
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 16 06:29:40 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\07\0715T\R264943.D
Sub List : NJ-LL_New - .

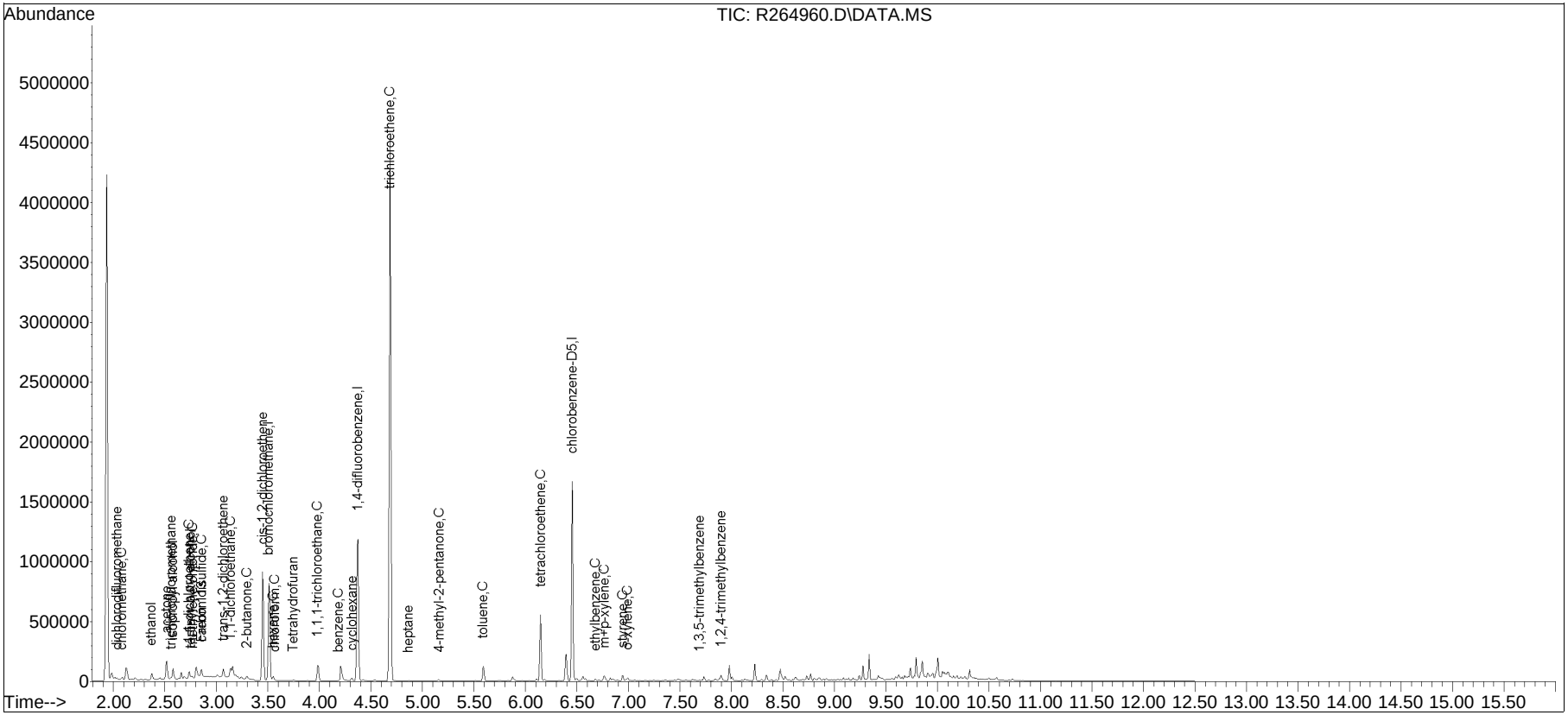
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) carbon tetrachloride	4.252		0	N.D.			
53) cyclohexane	4.318	56	8580	0.339	ppbV		95
56) 1,2-dichloropropane	0.000		0	N.D.			
57) bromodichloromethane	0.000		0	N.D.	d		
58) 1,4-dioxane	0.000		0	N.D.			
59) trichloroethene	4.686	130	885829	33.625	ppbV		98
60) 2,2,4-trimethylpentane	0.000		0	N.D.	d		
61) methyl methacrylate	4.799		0	N.D.			
62) heptane	4.865	43	2258	0.085	ppbV	#	84
63) cis-1,3-dichloropropene	0.000		0	N.D.			
64) 4-methyl-2-pentanone	5.166	43	3696	0.108	ppbV	#	87
65) trans-1,3-dichloropropene	0.000		0	N.D.			
66) 1,1,2-trichloroethane	0.000		0	N.D.			
68) toluene	5.589	91	58973	0.947	ppbV		98
74) dibromochloromethane	0.000		0	N.D.			
75) 1,2-dibromoethane	0.000		0	N.D.			
78) tetrachloroethene	6.148	166	95090	3.235	ppbV		98
80) chlorobenzene	0.000		0	N.D.	d		
81) ethylbenzene	6.679	91	5942	0.074	ppbV		94
83) m+p-xylene	6.766	91	18378	0.277	ppbV		96
84) bromoform	0.000		0	N.D.			
85) styrene	6.946	104	14154	0.295	ppbV		88
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d		
87) o-xylene	6.993	91	7650	0.121	ppbV		95
93) 2-chlorotoluene	0.000		0	N.D.	d		
96) 4-ethyl toluene	7.643		0	N.D.			
97) 1,3,5-trimethylbenzene	7.691	105	2848	0.039	ppbV		94
99) 1,2,4-trimethylbenzene	7.899	105	12497	0.169	ppbV	#	62
102) 1,3-dichlorobenzene	0.000		0	N.D.	d		
103) 1,4-dichlorobenzene	0.000		0	N.D.	d		
107) 1,2-dichlorobenzene	0.000		0	N.D.			
115) 1,2,4-trichlorobenzene	0.000		0	N.D.			
119) hexachlorobutadiene	0.000		0	N.D.			

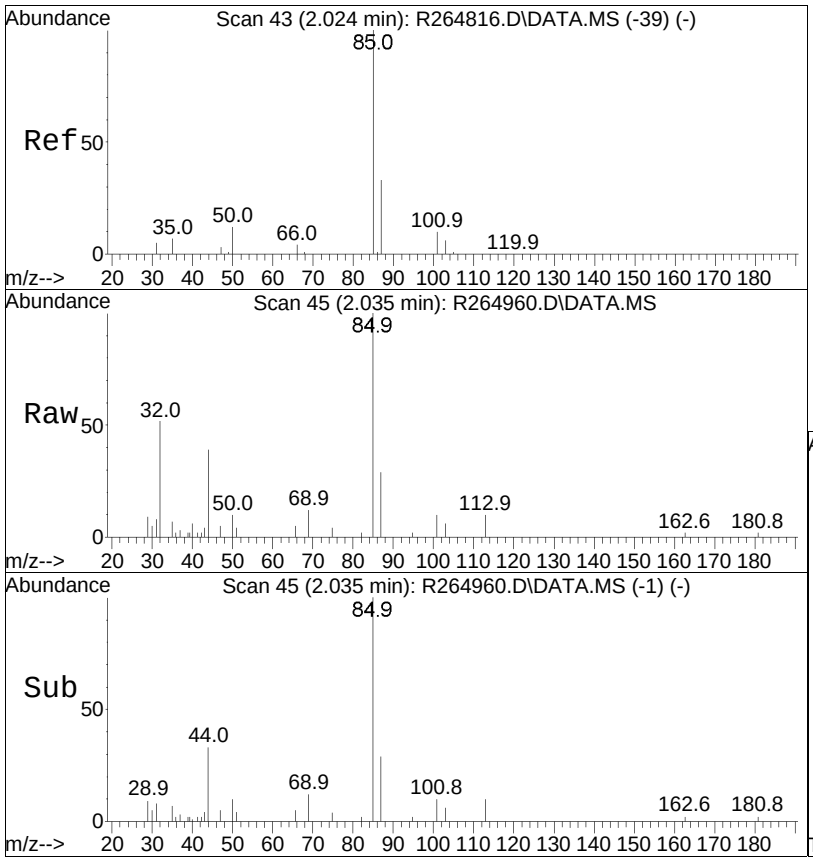
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : NJ-LL_New - .a\Airlab26\2025\07\0715T\R264943.D

Data Path : X:\Airlab\Data\Airlab26\2025\07\0715T\
Data File : R264960.D
Acq On : 16 Jul 2025 01:19 am
Operator : AIRLAB26:RAY
Sample : WG2090986-5D,3,99.15,250
Misc : WG2090986,ICAL22465
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 16 06:29:40 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\07\0715T\TFS26_250709.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jul 10 11:46:53 2025
Response via : Initial Calibration

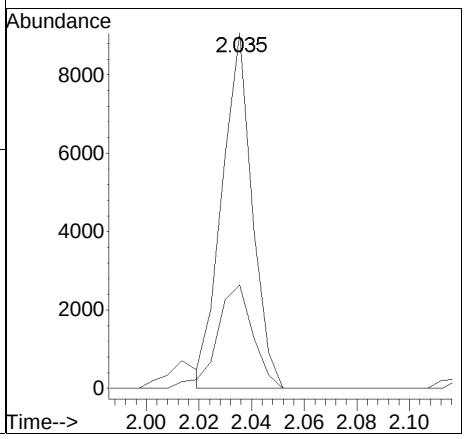


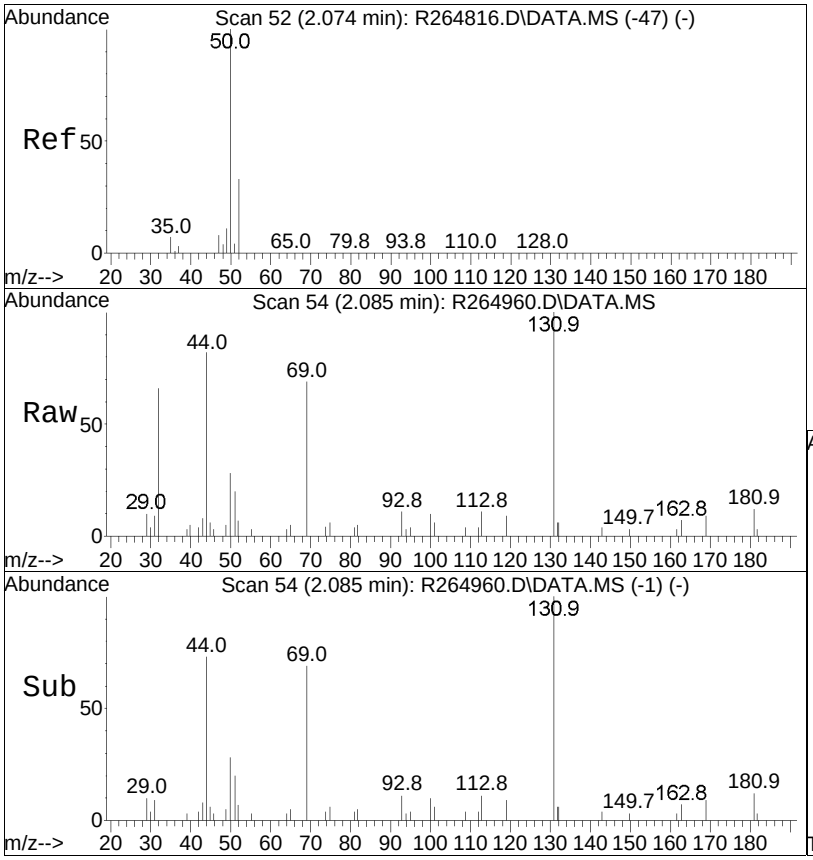


#5
dichlorodifluoromethane
Concen: 0.19 ppbV m
RT: 2.035 min Scan# 45
Delta R.T. 0.011 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 85 Resp: 7232

Ion	Ratio	Lower	Upper
85	100		
87	29.1	26.1	39.1

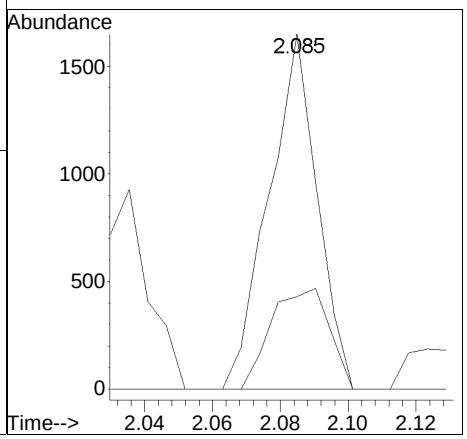


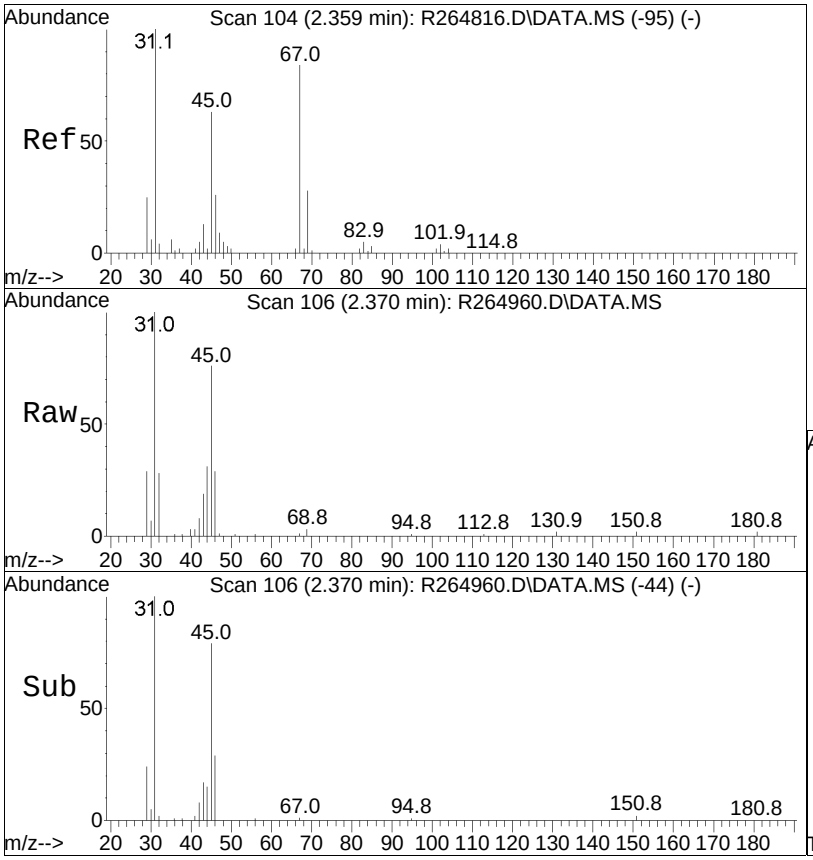


#6
chloromethane
Concen: 0.14 ppbV m
RT: 2.085 min Scan# 54
Delta R.T. 0.011 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 50 Resp: 1637

Ion	Ratio	Lower	Upper
50	100		
52	26.1	26.6	40.0#

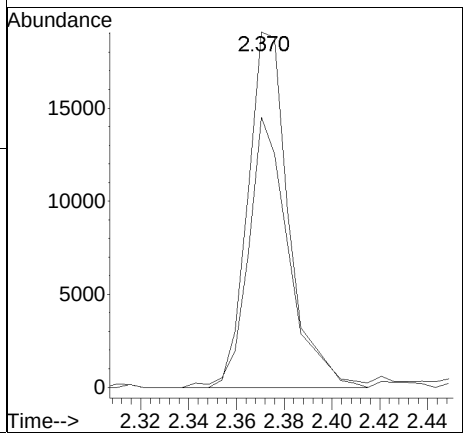


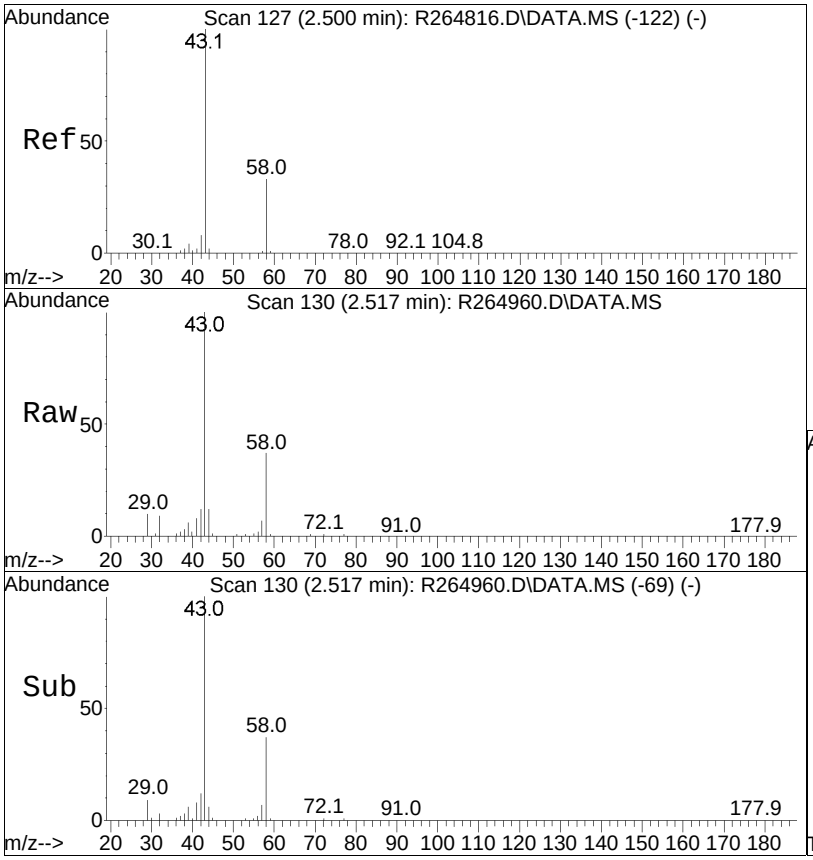


#15
ethanol
Concen: 3.14 ppbV
RT: 2.370 min Scan# 106
Delta R.T. 0.011 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 31 Resp: 25491

Ion	Ratio	Lower	Upper
31	100		
45	76.1	50.7	76.1

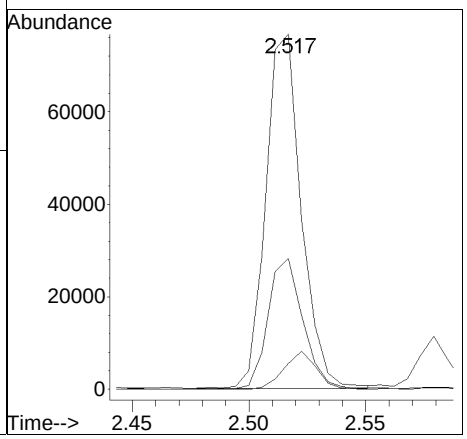


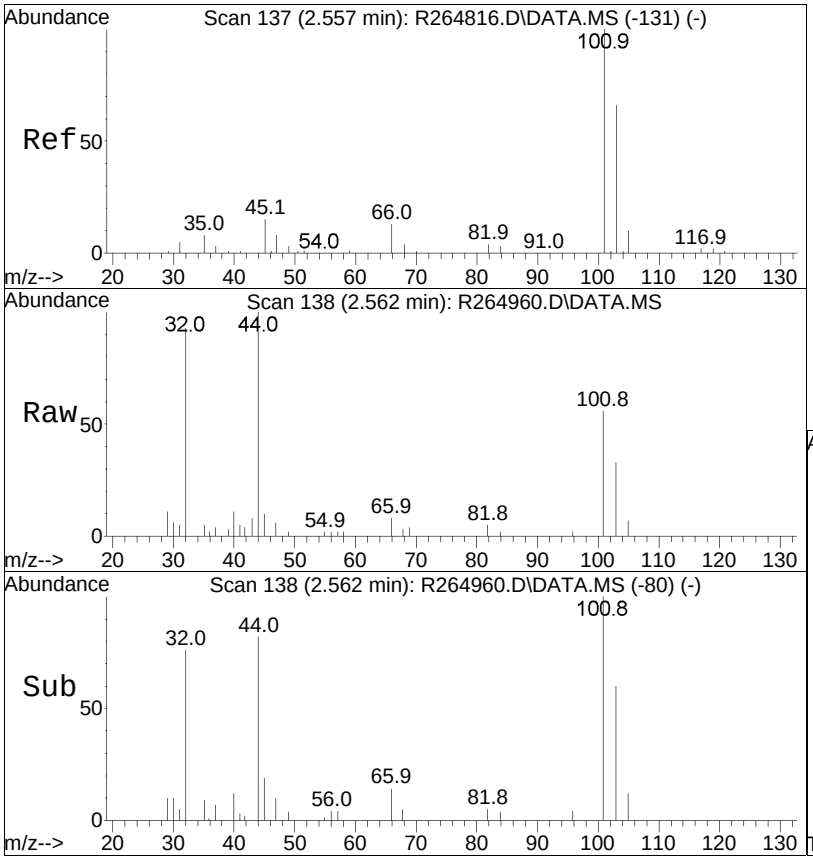


#19
acetone
Concen: 4.33 ppbV
RT: 2.517 min Scan# 130
Delta R.T. 0.017 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 43 Resp: 80931

Ion	Ratio	Lower	Upper
43	100		
58	36.9	26.3	39.5
57	7.3	0.8	1.2#

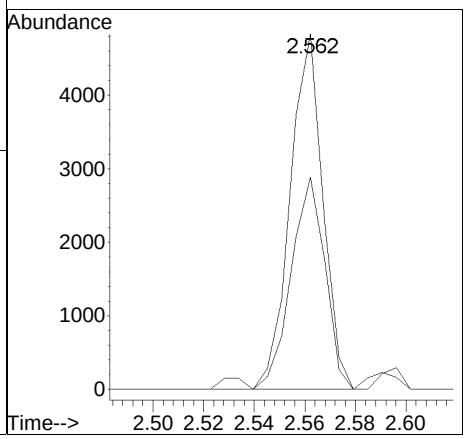


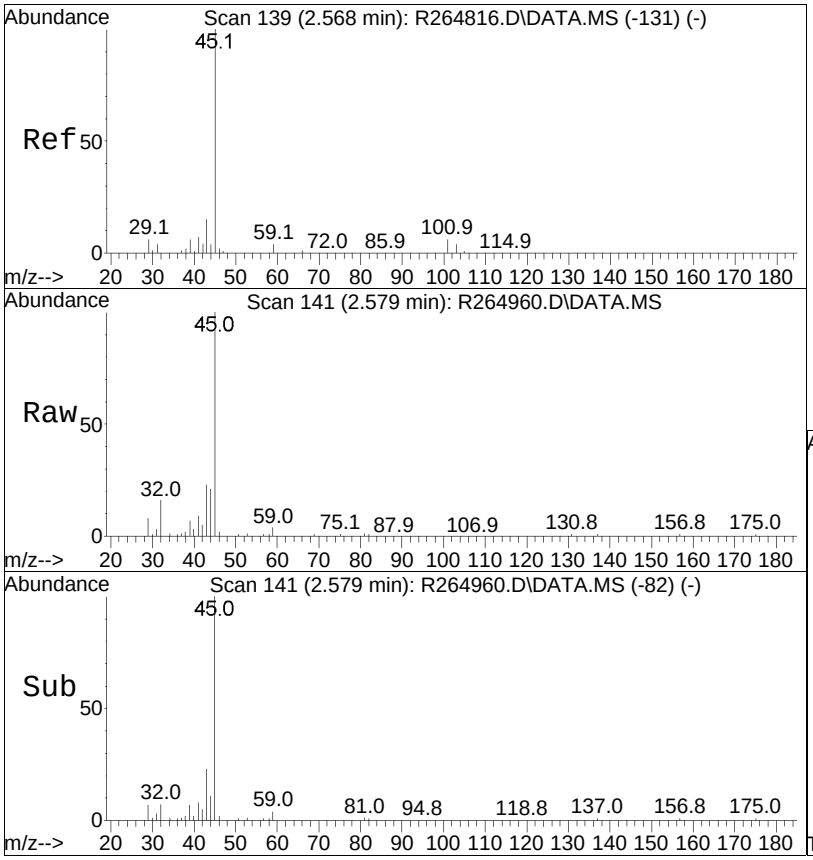


#21
trichlorofluoromethane
Concen: 0.11 ppbV
RT: 2.562 min Scan# 138
Delta R.T. 0.006 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion:101 Resp: 4444

Ion	Ratio	Lower	Upper
101	100		
103	59.7	53.0	79.6

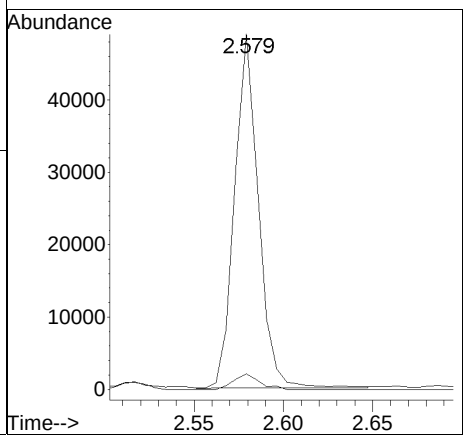


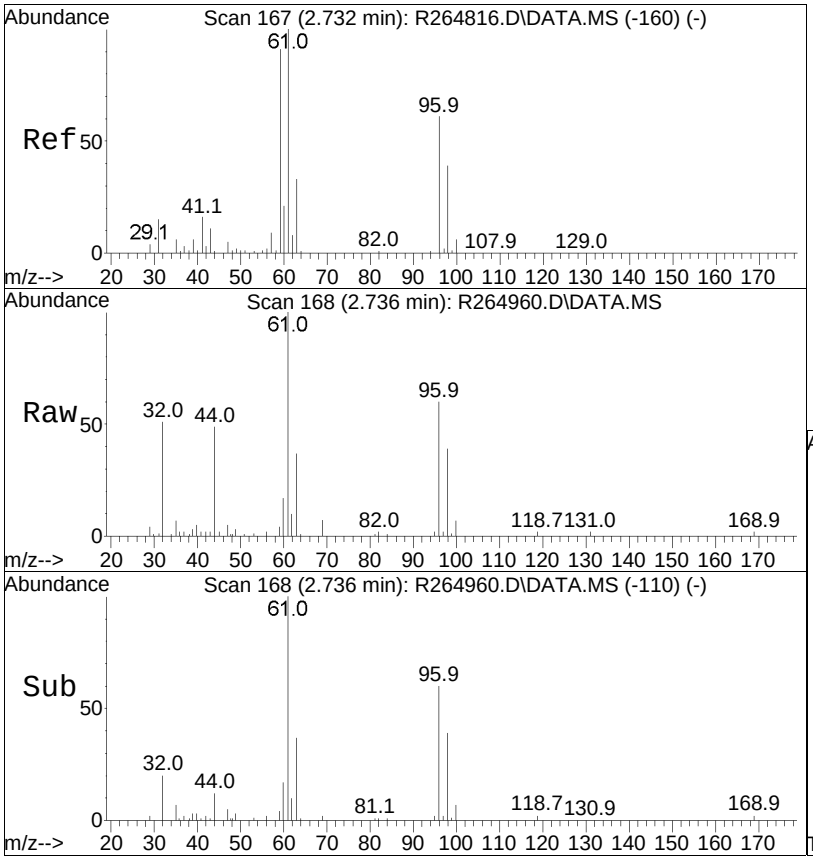


#22
isopropyl alcohol
Concen: 2.09 ppbV
RT: 2.579 min Scan# 141
Delta R.T. 0.011 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 45 Resp: 45624

Ion	Ratio	Lower	Upper
45	100		
59	4.4	3.5	5.3

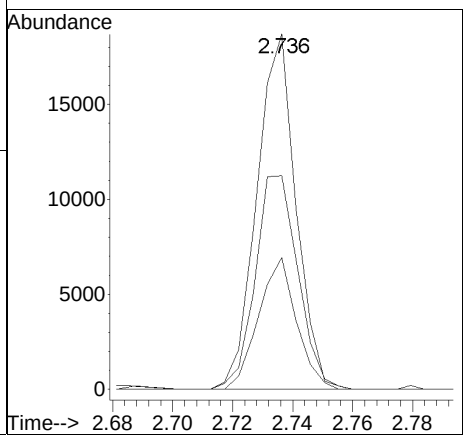


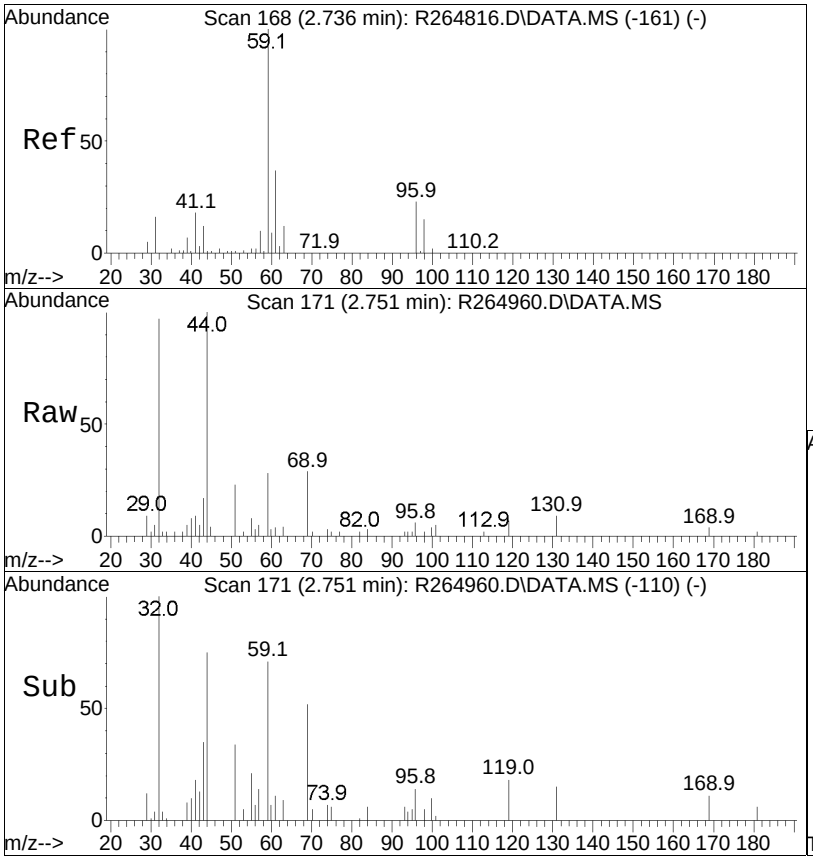


#26
1,1-dichloroethene
Concen: 0.63 ppbV
RT: 2.736 min Scan# 168
Delta R.T. 0.005 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 61 Resp: 16957

Ion	Ratio	Lower	Upper
61	100		
96	60.1	49.3	73.9
63	37.1	26.2	39.4

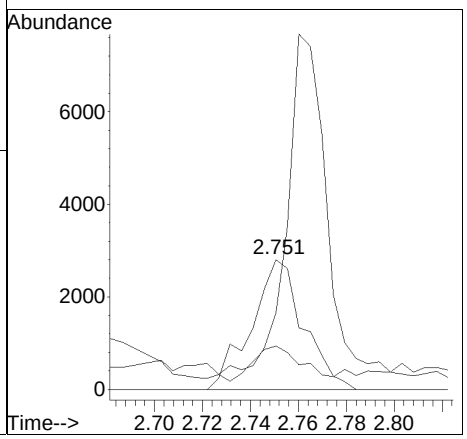


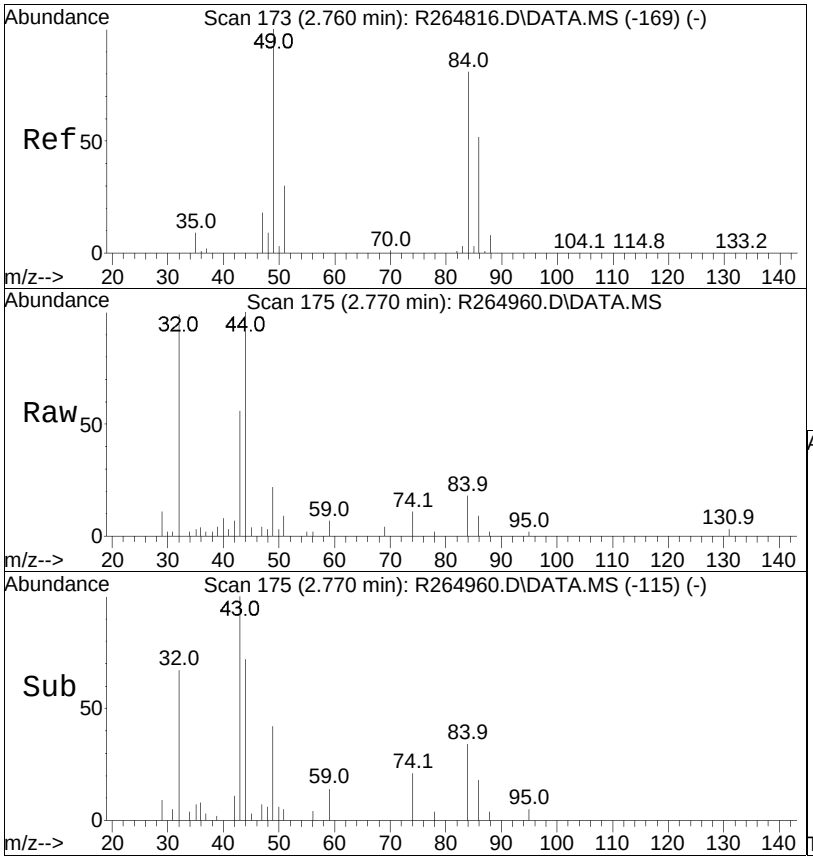


#27
tertiary butyl alcohol
Concen: 0.12 ppbV
RT: 2.751 min Scan# 171
Delta R.T. 0.014 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 59 Resp: 4231

Ion	Ratio	Lower	Upper
59	100		
41	33.5	14.3	21.5#
43	59.3	10.2	15.2#

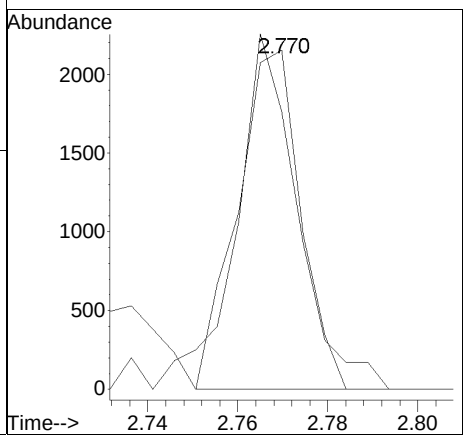


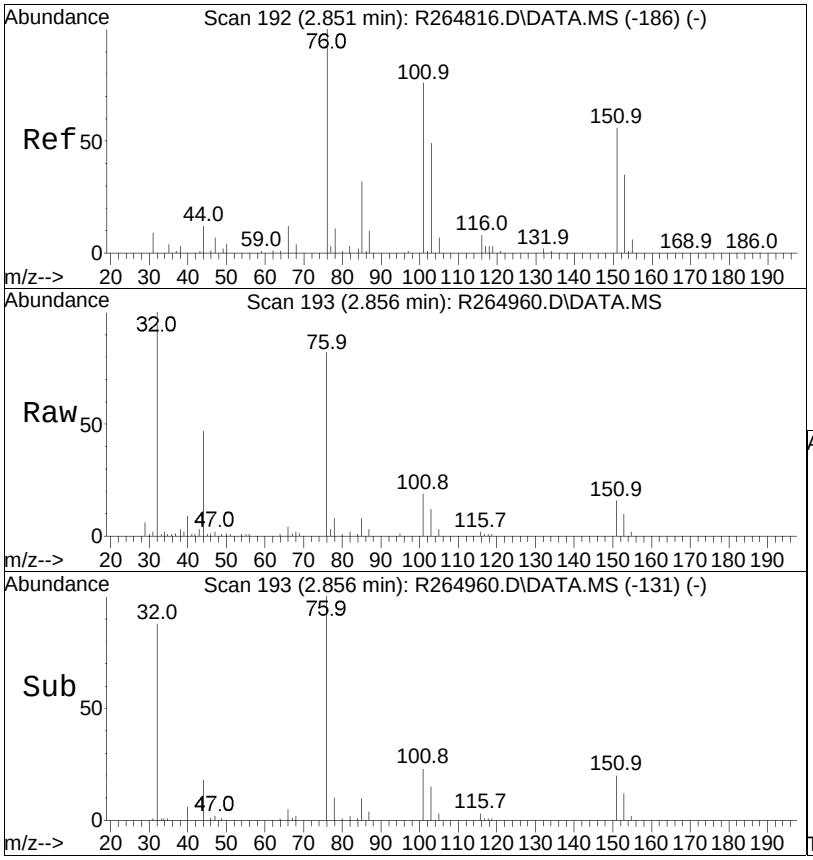


#28
methylene chloride
Concen: 0.13 ppbV
RT: 2.770 min Scan# 175
Delta R.T. 0.010 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 49 Resp: 2105

Ion	Ratio	Lower	Upper
49	100		
84	81.8	64.4	96.6

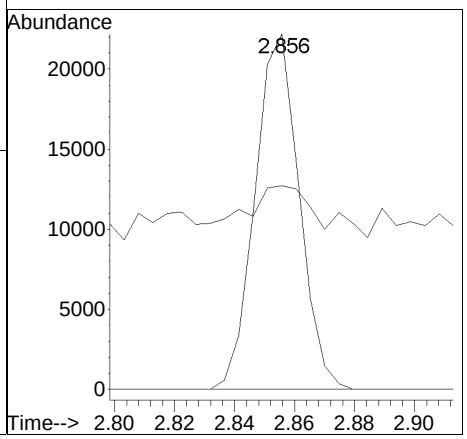


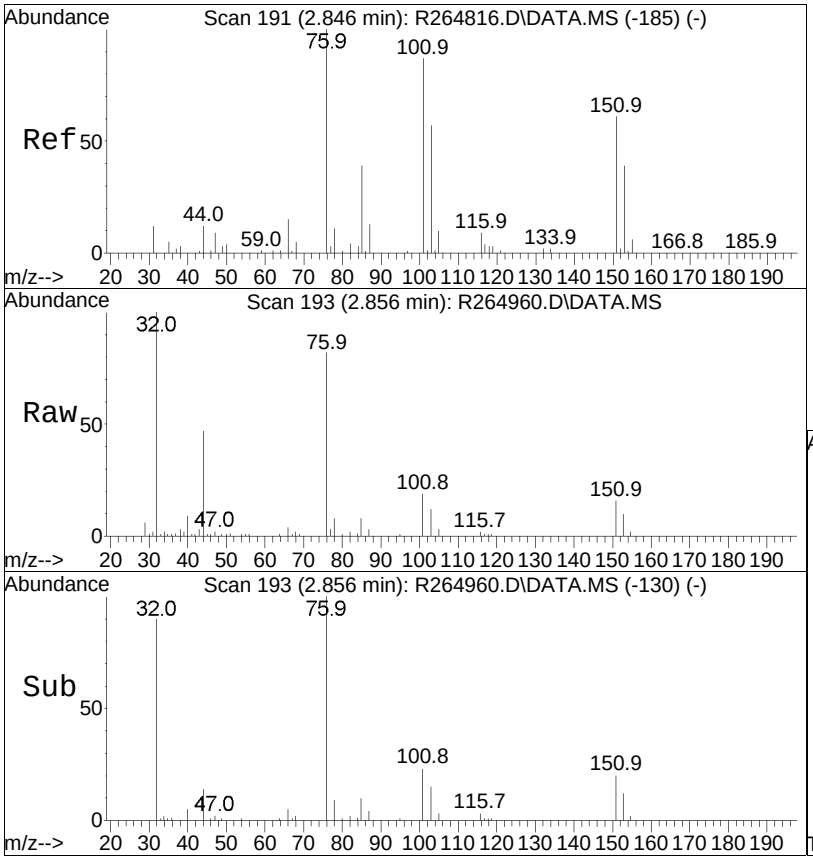


#30
carbon disulfide
Concen: 0.57 ppbV
RT: 2.856 min Scan# 193
Delta R.T. 0.005 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 76 Resp: 22688

Ion	Ratio	Lower	Upper
76	100		
44	57.3	11.7	17.5#

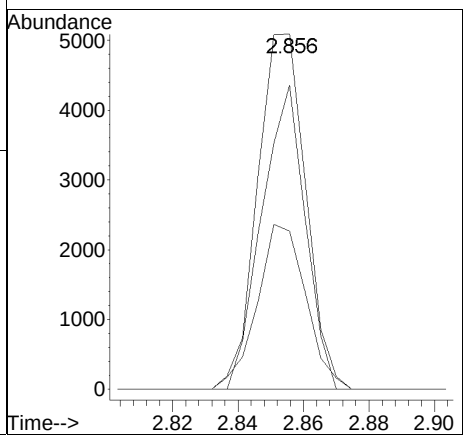


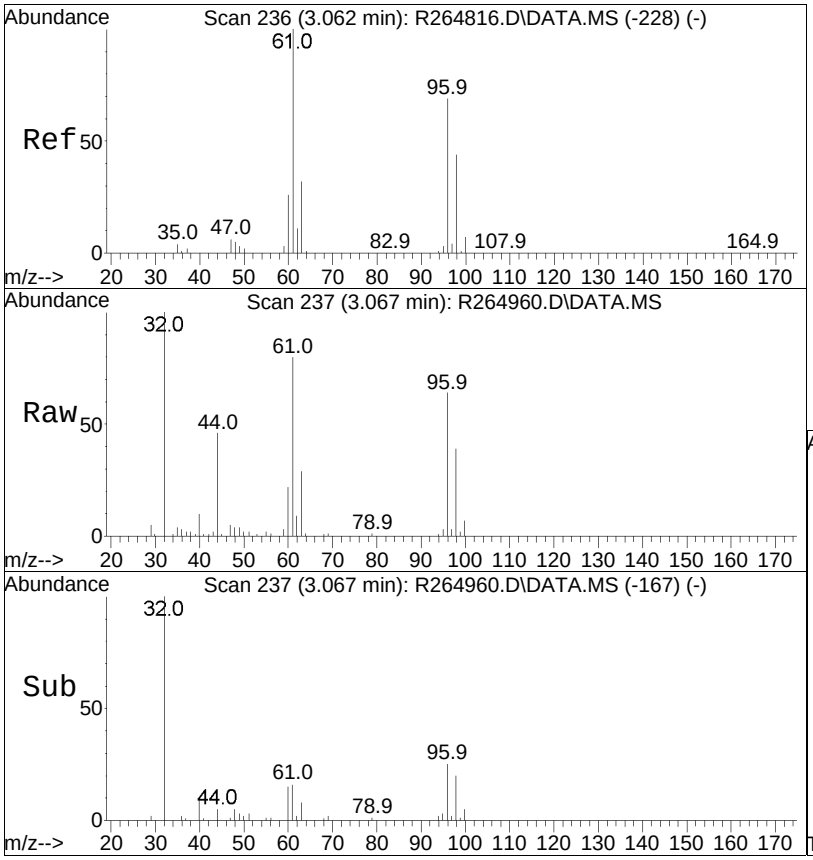


#31
Freon 113
Concen: 0.17 ppbV
RT: 2.856 min Scan# 193
Delta R.T. 0.010 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion:101 Resp: 5219

Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.5	53.3
151	85.6	55.9	83.9#

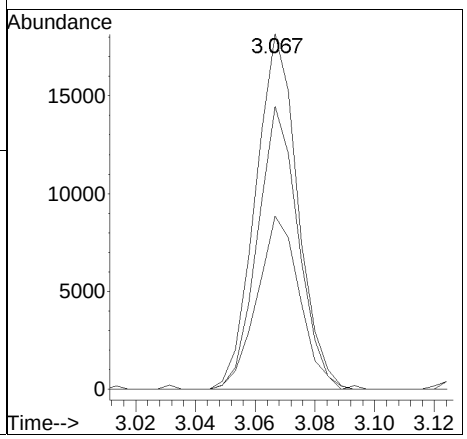


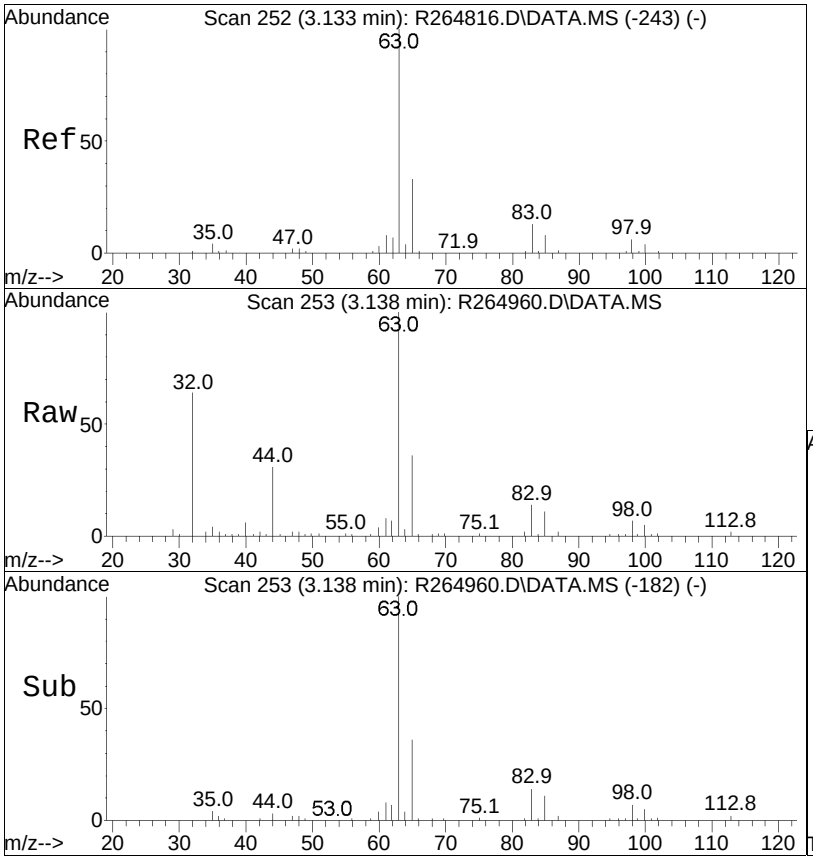


#32
trans-1,2-dichloroethene
Concen: 0.83 ppbV
RT: 3.067 min Scan# 237
Delta R.T. 0.004 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 61 Resp: 17939

Ion	Ratio	Lower	Upper
61	100		
96	79.6	55.1	82.7
98	48.8	35.6	53.4

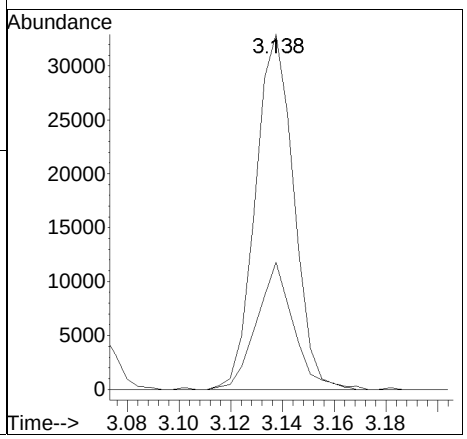


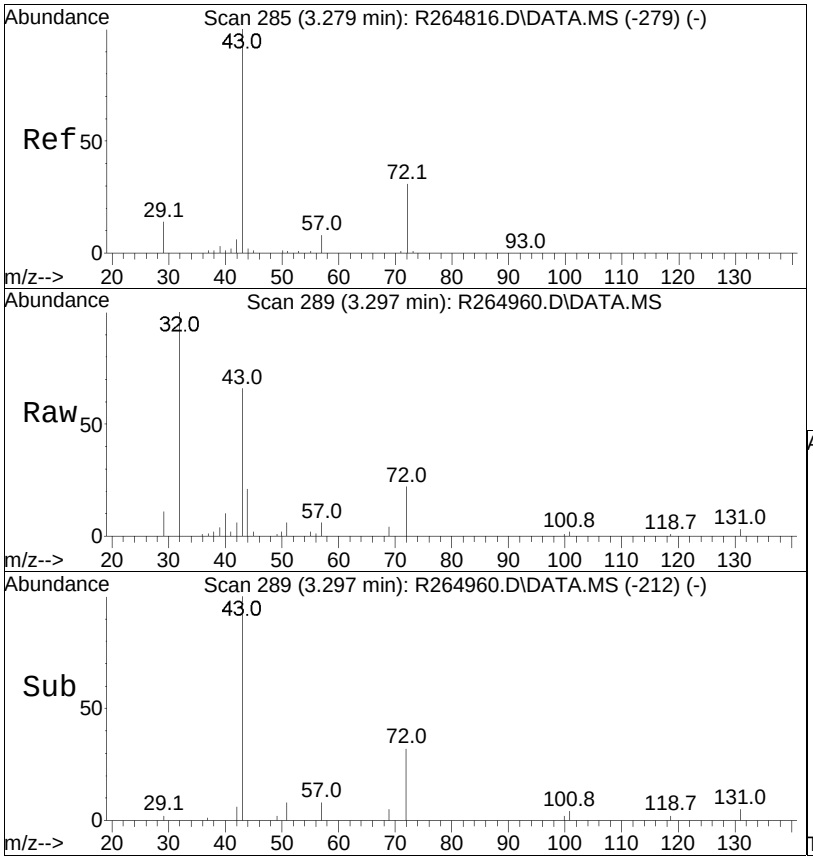


#33
1,1-dichloroethane
Concen: 1.18 ppbV
RT: 3.138 min Scan# 253
Delta R.T. 0.004 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 63 Resp: 33882

Ion	Ratio	Lower	Upper
63	100		
65	35.8	26.3	39.5

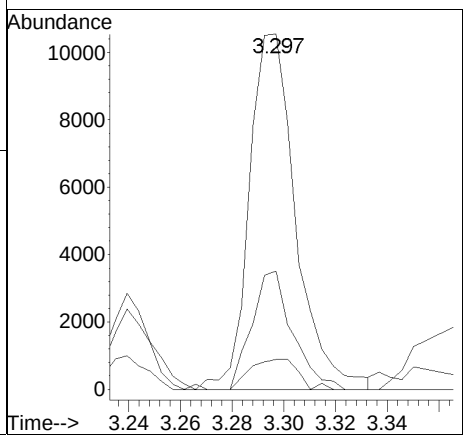


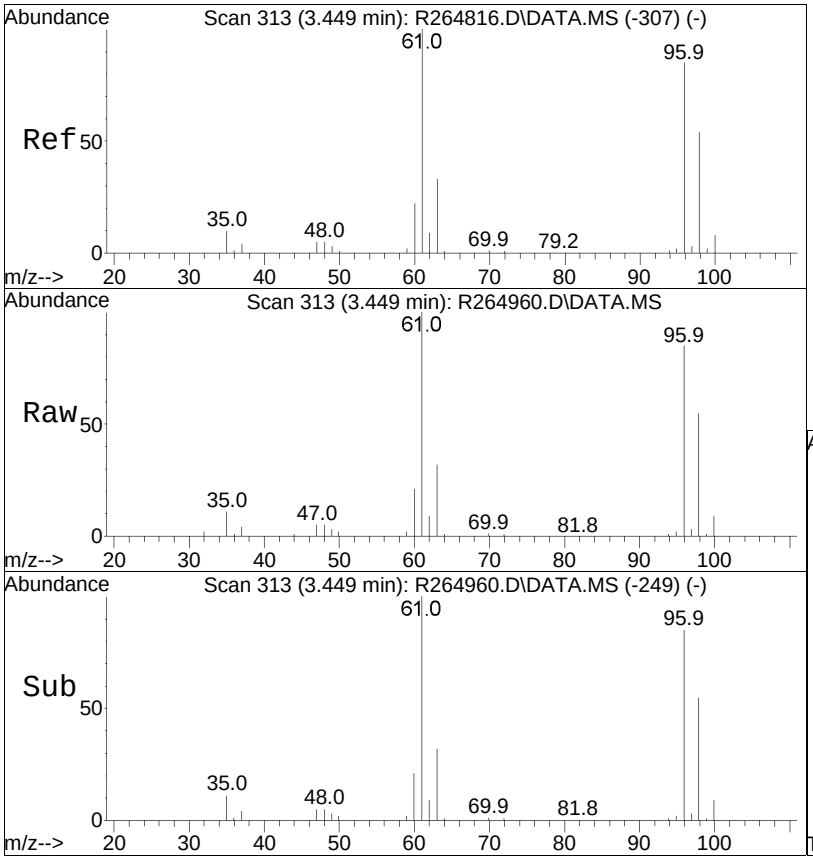


#36
2-butanone
Concen: 0.47 ppbV
RT: 3.297 min Scan# 289
Delta R.T. 0.018 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 43 Resp: 13177

Ion	Ratio	Lower	Upper
43	100		
72	33.3	24.4	36.6
57	8.4	6.7	10.1

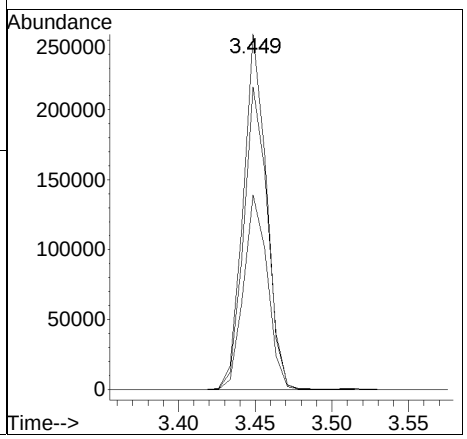


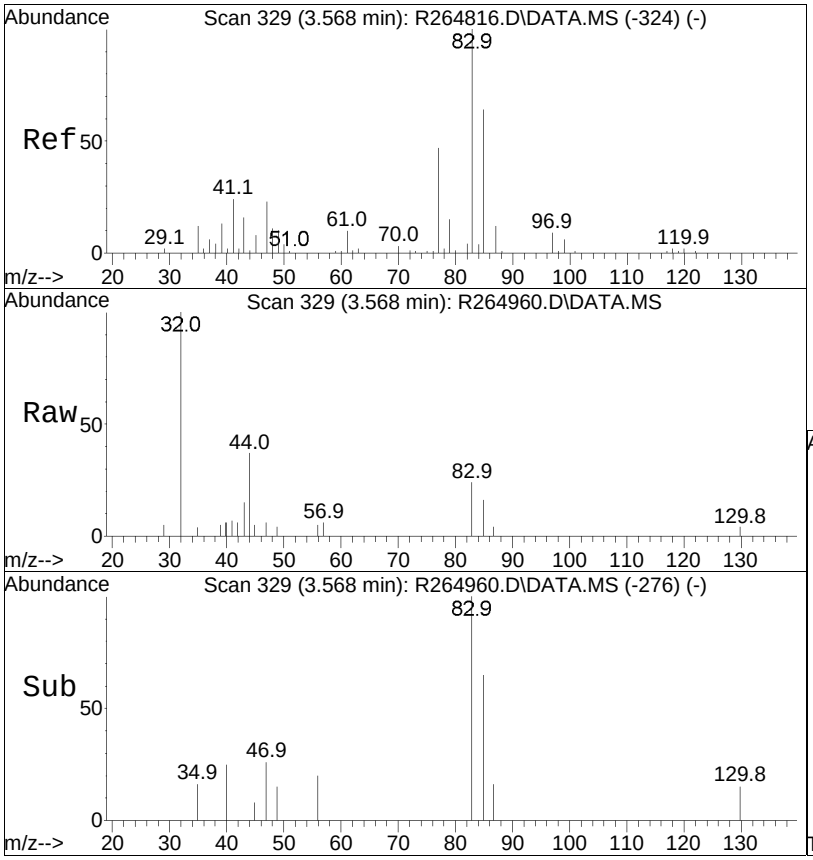


#37
cis-1,2-dichloroethene
Concen: 12.30 ppbV
RT: 3.449 min Scan# 313
Delta R.T. 0.000 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 61 Resp: 267907

Ion	Ratio	Lower	Upper
61	100		
96	85.2	67.9	101.9
98	54.7	43.1	64.7

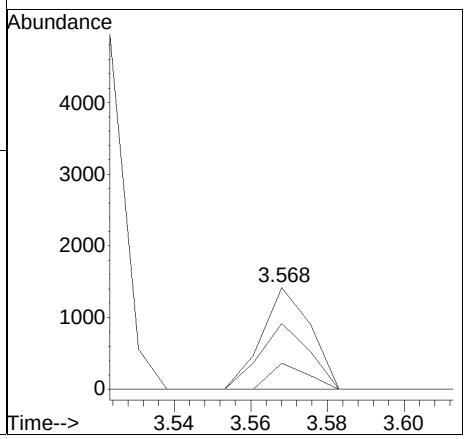


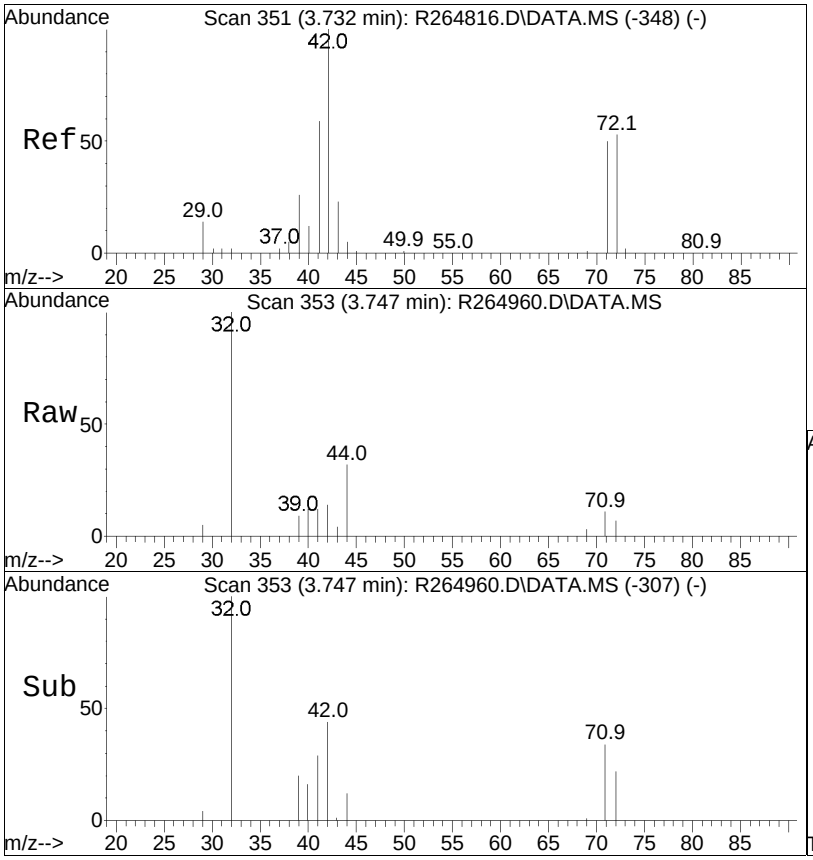


#39
chloroform
Concen: 0.04 ppbV
RT: 3.568 min Scan# 329
Delta R.T. 0.000 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 83 Resp: 1255

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.3	76.9
47	25.7	18.3	27.5

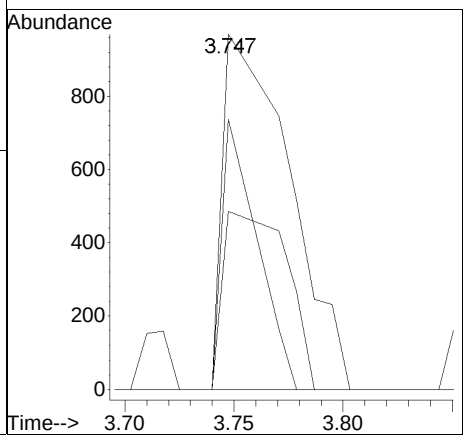


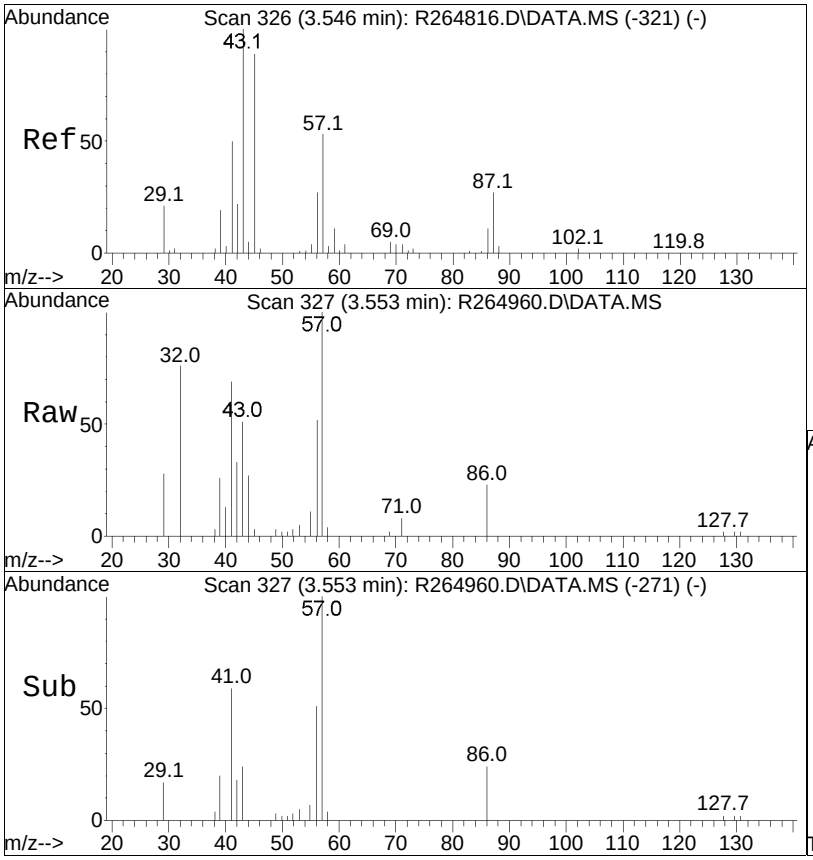


#40
Tetrahydrofuran
Concen: 0.12 ppbV
RT: 3.747 min Scan# 353
Delta R.T. 0.015 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 42 Resp: 1602

Ion	Ratio	Lower	Upper
42	100		
71	76.0	39.8	59.6#
72	50.1	41.9	62.9

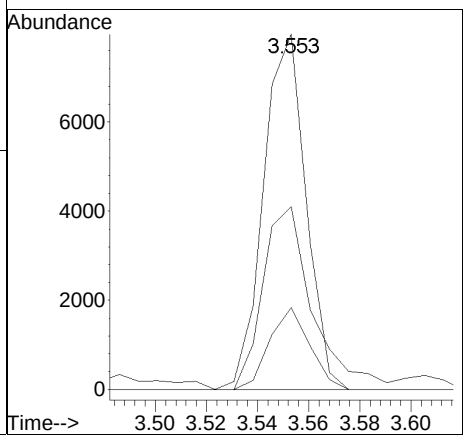


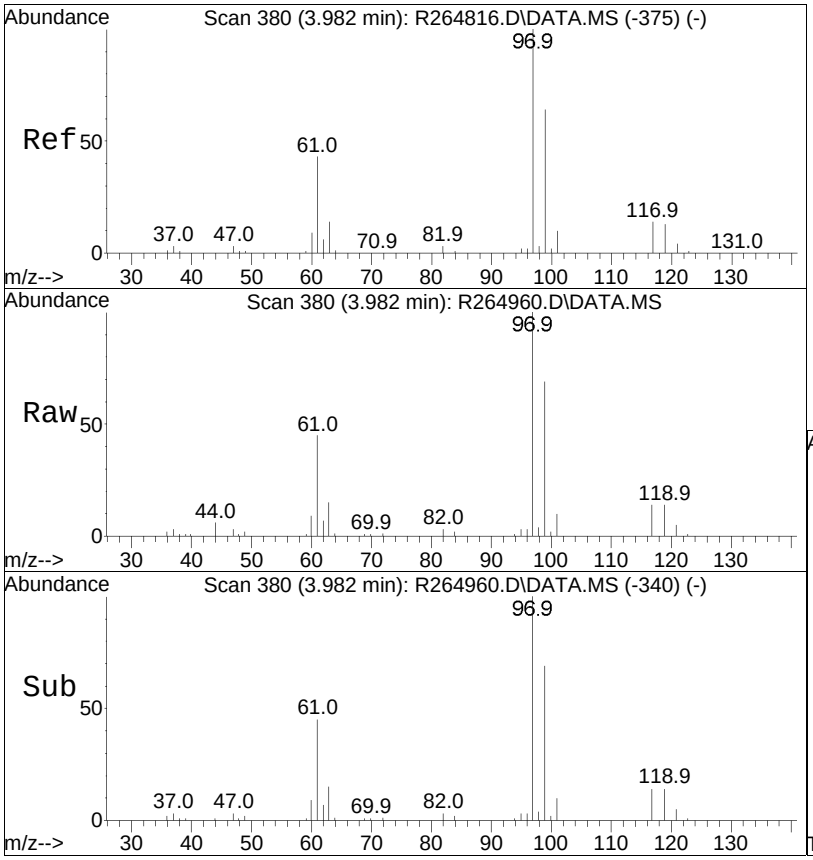


#44
hexane
Concen: 0.37 ppbV
RT: 3.553 min Scan# 327
Delta R.T. 0.007 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 57 Resp: 9192

Ion	Ratio	Lower	Upper
57	100		
43	51.4	150.0	225.0#
86	23.0	16.3	24.5

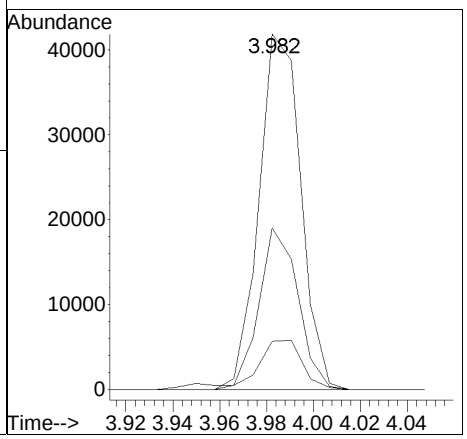


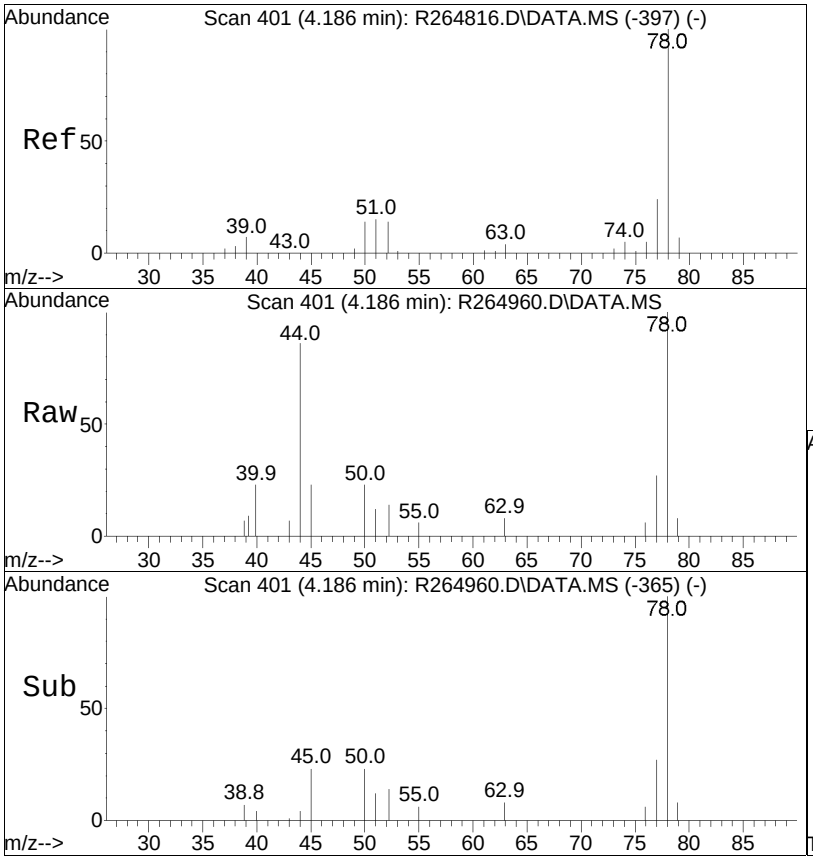


#48
1,1,1-trichloroethane
Concen: 1.35 ppbV
RT: 3.982 min Scan# 380
Delta R.T. 0.000 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 97 Resp: 52015

Ion	Ratio	Lower	Upper
97	100		
61	45.4	34.5	51.7
119	13.5	10.6	15.8

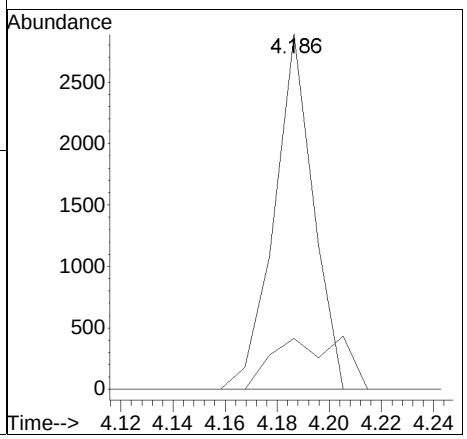


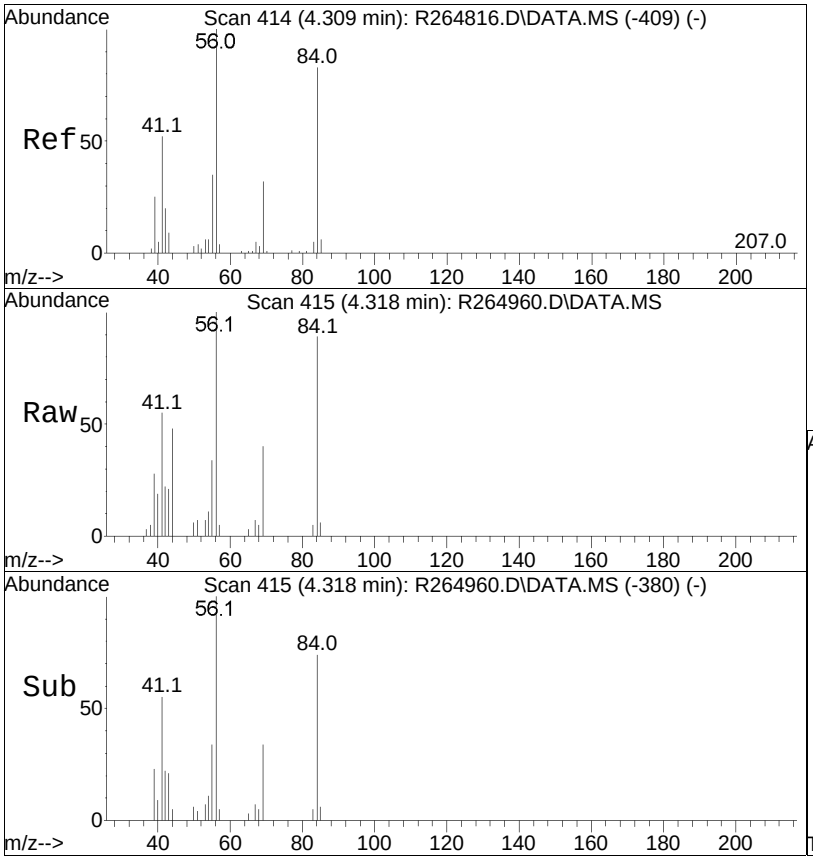


#50
benzene
Concen: 0.05 ppbV
RT: 4.186 min Scan# 401
Delta R.T. 0.000 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 78 Resp: 3006

Ion	Ratio	Lower	Upper
78	100		
52	14.3	11.4	17.0

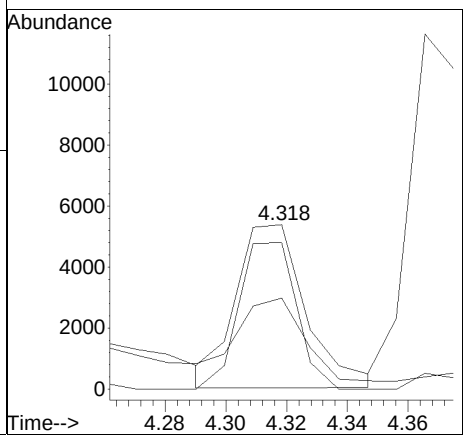


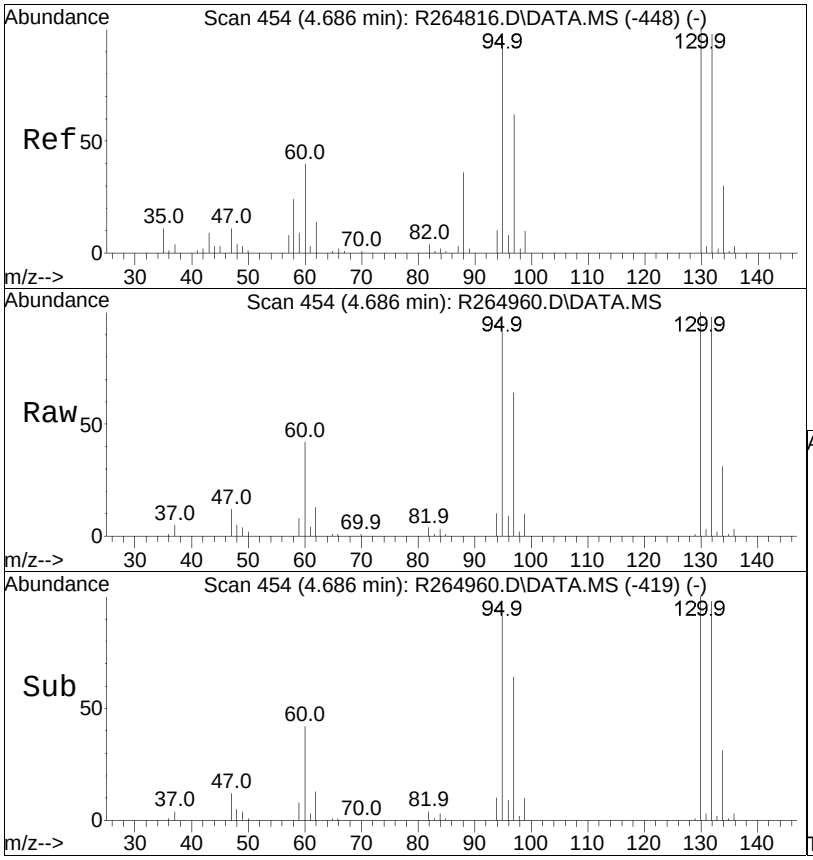


#53
cyclohexane
Concen: 0.34 ppbV
RT: 4.318 min Scan# 415
Delta R.T. 0.009 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 56 Resp: 8580

Ion	Ratio	Lower	Upper
56	100		
84	89.1	75.4	113.2
41	55.4	41.4	62.0

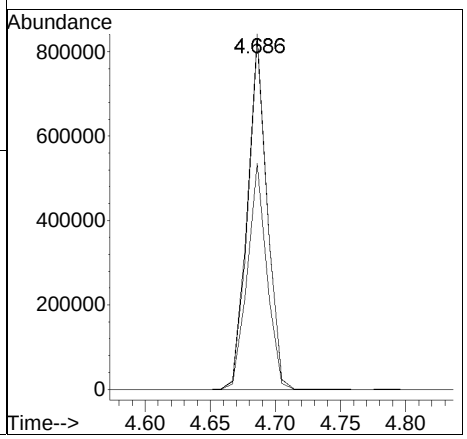


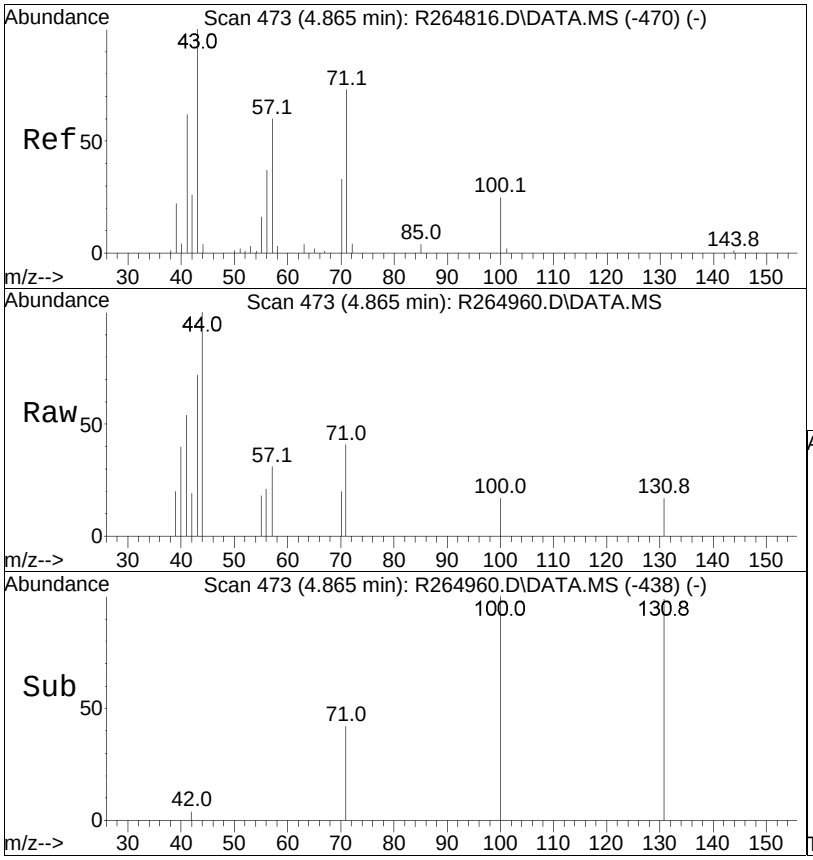


#59
trichloroethene
Concen: 33.63 ppbV
RT: 4.686 min Scan# 454
Delta R.T. 0.000 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion:130 Resp: 885829

Ion	Ratio	Lower	Upper
130	100		
132	98.4	78.1	117.1
97	63.7	49.2	73.8

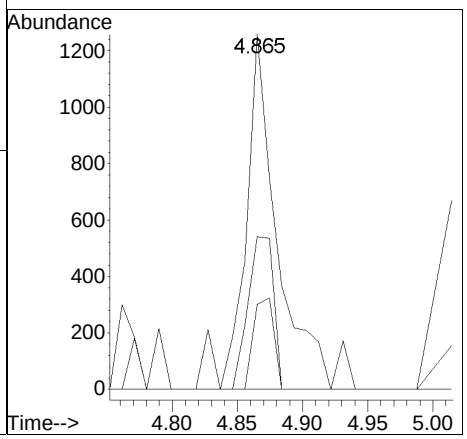


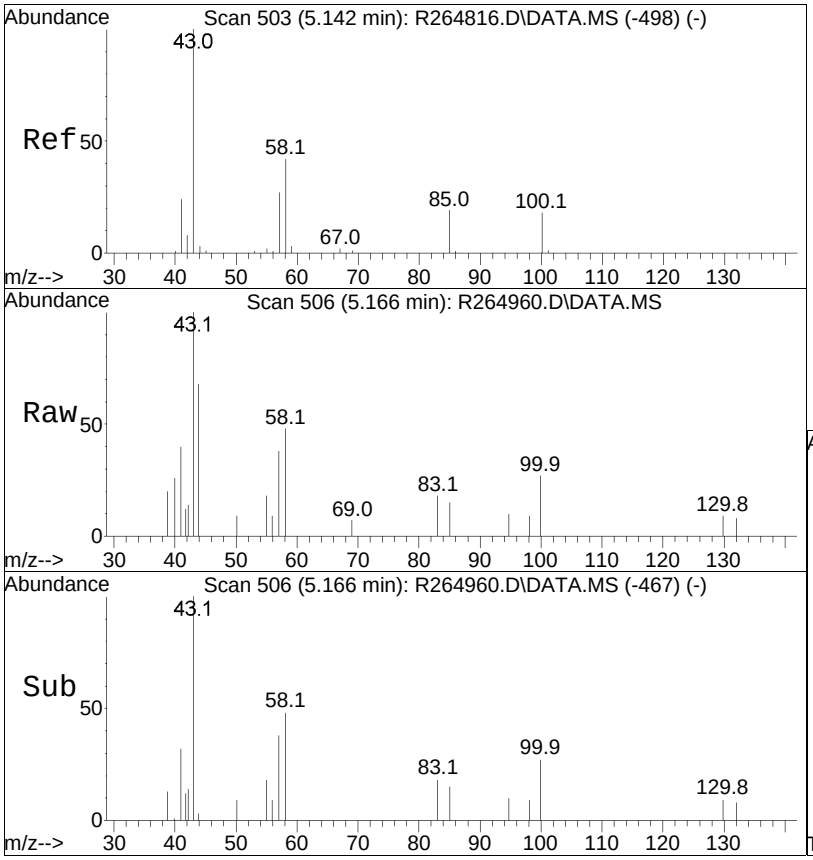


#62
heptane
Concen: 0.08 ppbV
RT: 4.865 min Scan# 473
Delta R.T. 0.000 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 43 Resp: 2258

Ion	Ratio	Lower	Upper
43	100		
57	43.0	47.8	71.8#
100	23.9	20.1	30.1

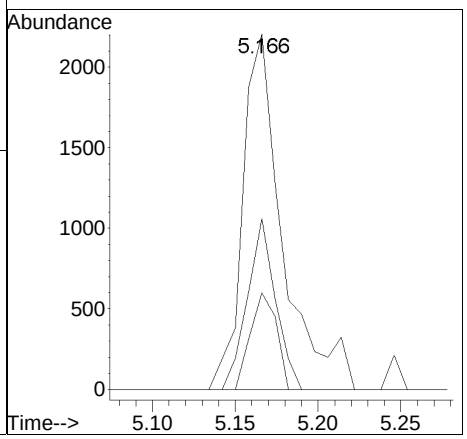


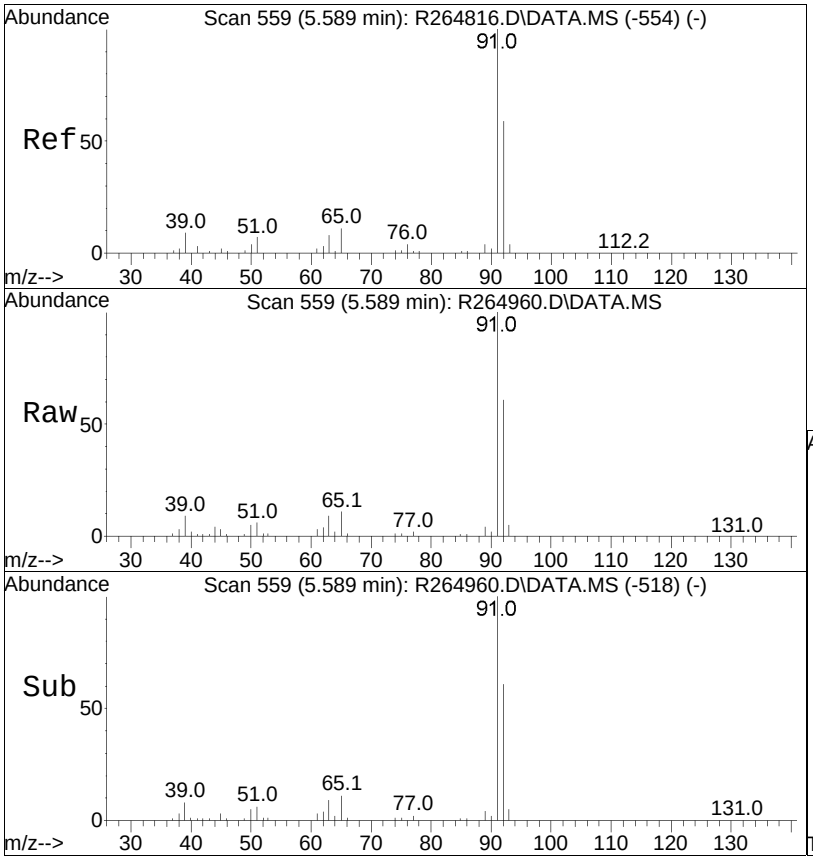


#64
4-methyl-2-pentanone
Concen: 0.11 ppbV
RT: 5.166 min Scan# 506
Delta R.T. 0.024 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 43 Resp: 3696

Ion	Ratio	Lower	Upper
43	100		
58	48.1	33.9	50.9
100	27.2	14.2	21.4#

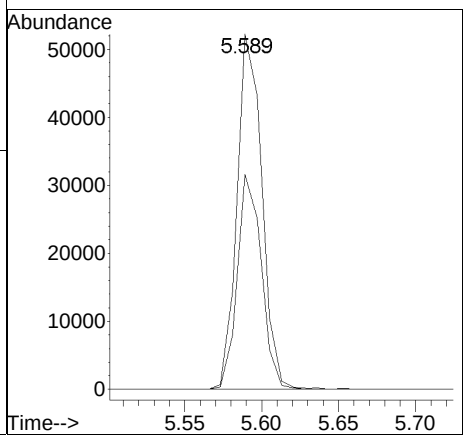


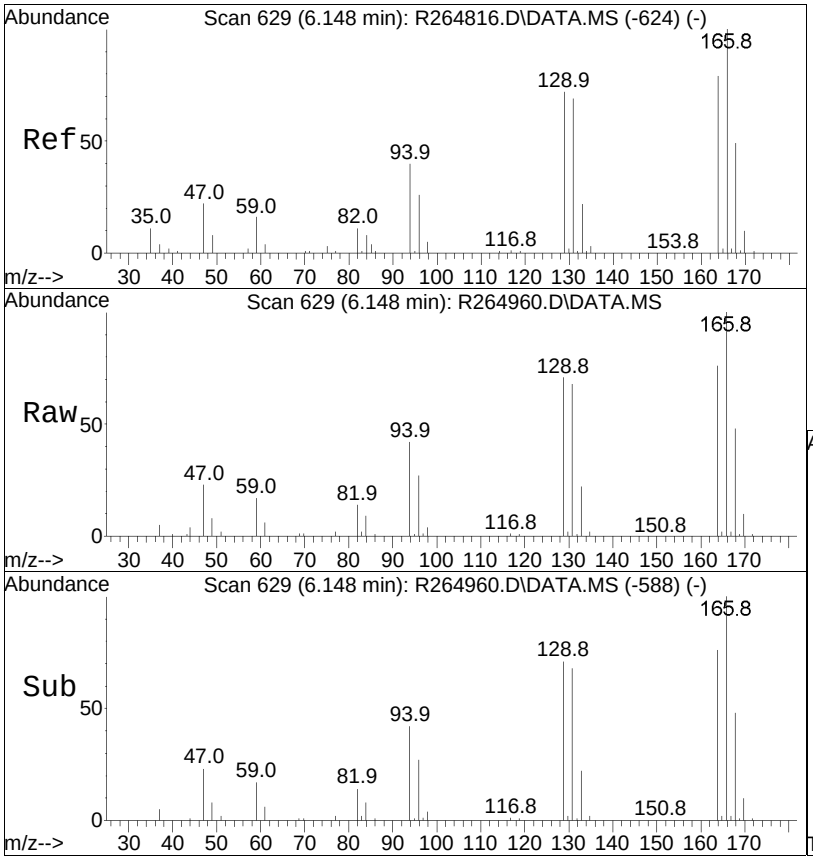


#68
toluene
Concen: 0.95 ppbV
RT: 5.589 min Scan# 559
Delta R.T. 0.000 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 91 Resp: 58973

Ion	Ratio	Lower	Upper
91	100		
92	60.5	47.1	70.7

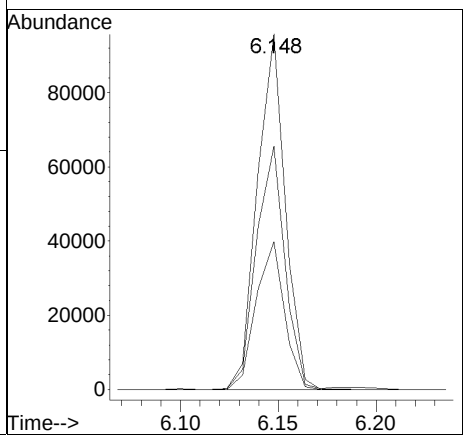


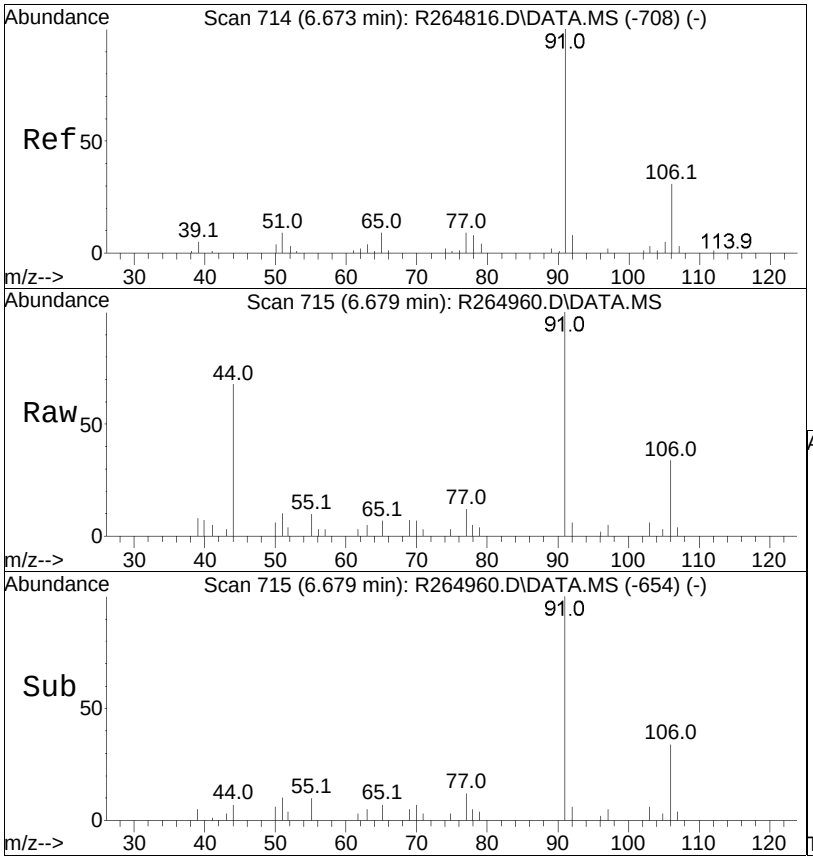


#78
tetrachloroethene
Concen: 3.24 ppbV
RT: 6.148 min Scan# 629
Delta R.T. 0.000 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion:166 Resp: 95090

Ion	Ratio	Lower	Upper
166	100		
131	68.4	55.5	83.3
94	41.5	31.8	47.6

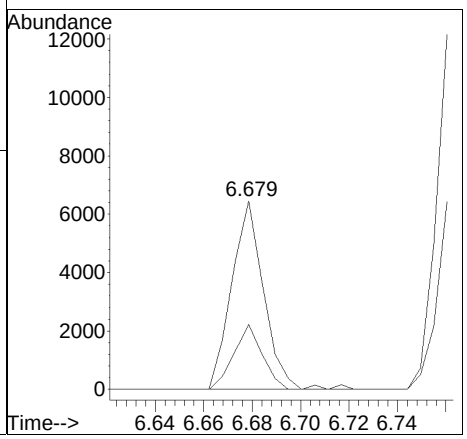


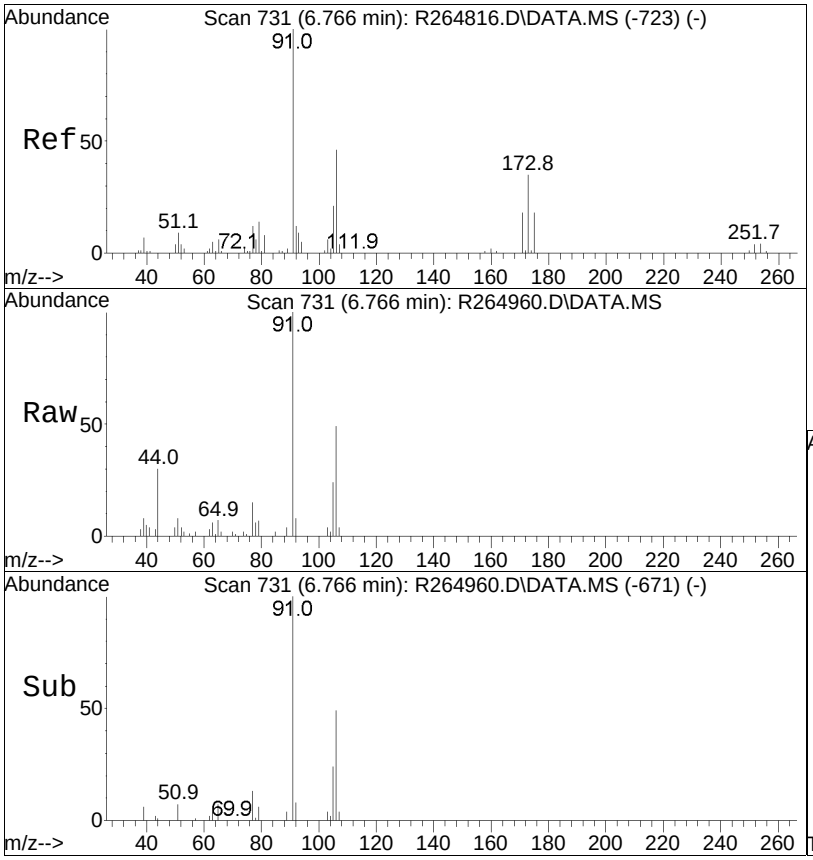


#81
ethylbenzene
Concen: 0.07 ppbV
RT: 6.679 min Scan# 715
Delta R.T. 0.005 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 91 Resp: 5942

Ion	Ratio	Lower	Upper
91	100		
106	34.4	24.9	37.3

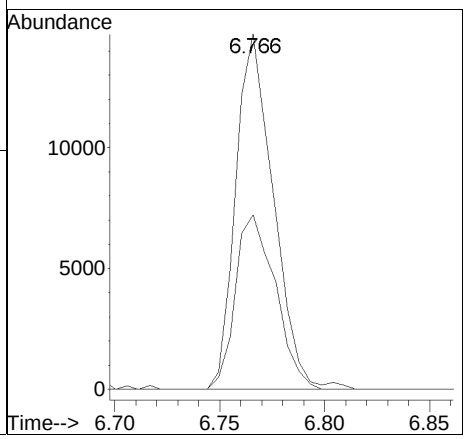


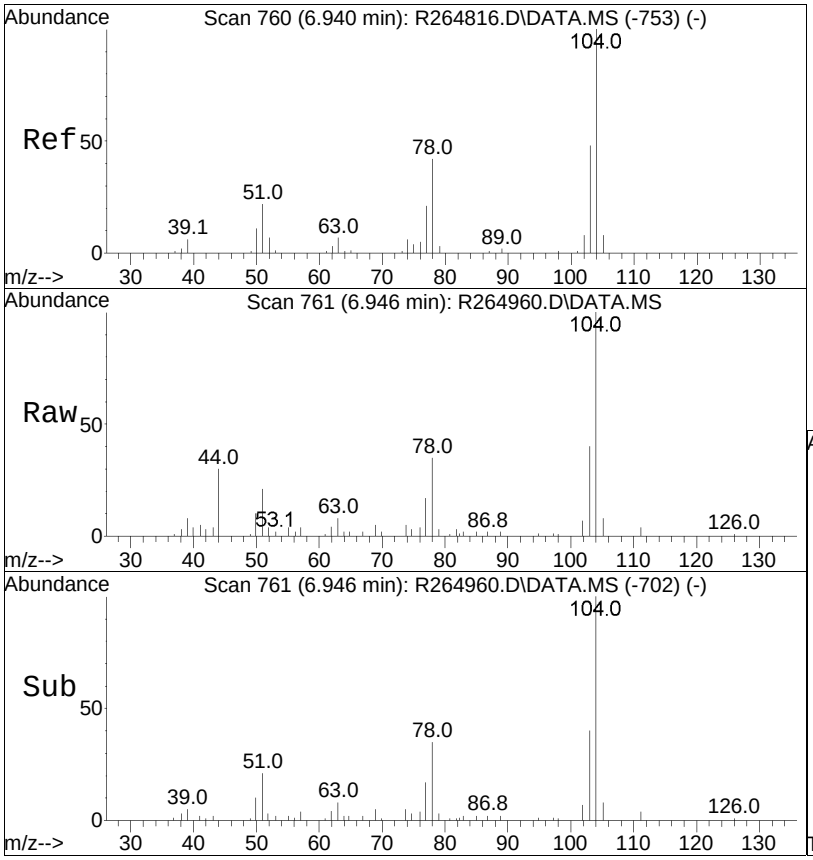


#83
m+p-xylene
Concen: 0.28 ppbV
RT: 6.766 min Scan# 731
Delta R.T. 0.000 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 91 Resp: 18378

Ion	Ratio	Lower	Upper
91	100		
106	49.1	37.1	55.7

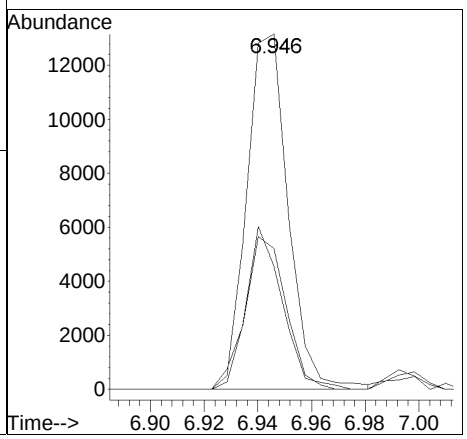


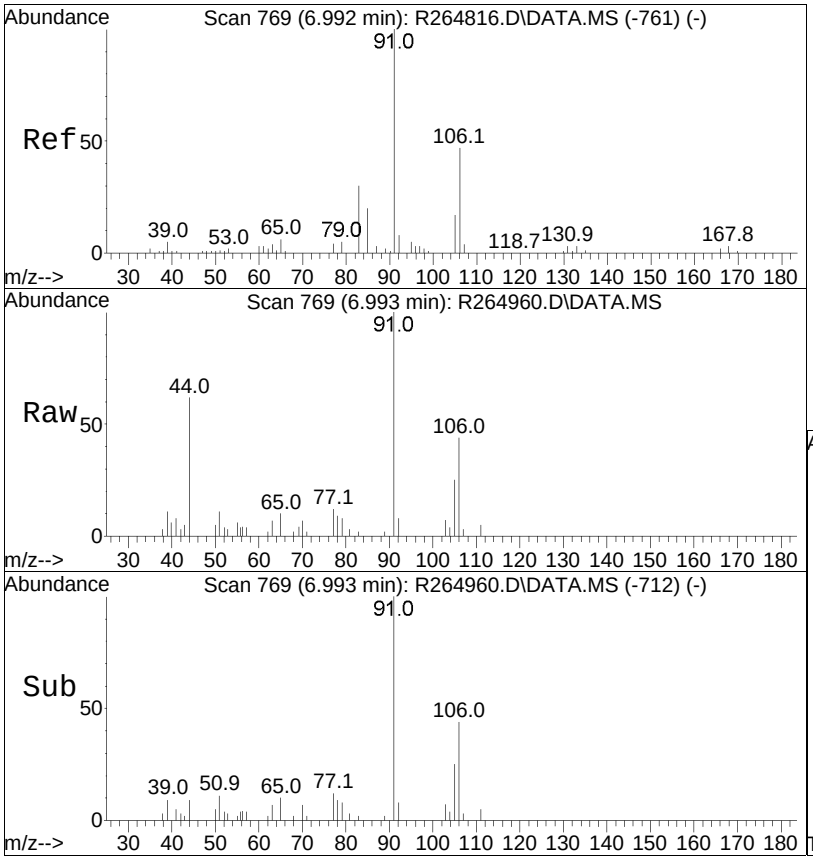


#85
styrene
Concen: 0.30 ppbV
RT: 6.946 min Scan# 761
Delta R.T. 0.006 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion:104 Resp: 14154

Ion	Ratio	Lower	Upper
104	100		
103	39.7	38.5	57.7
78	34.7	33.7	50.5

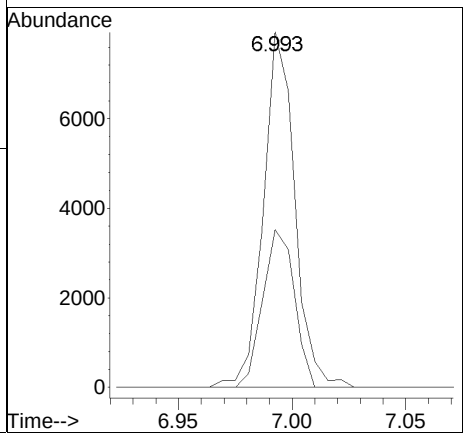


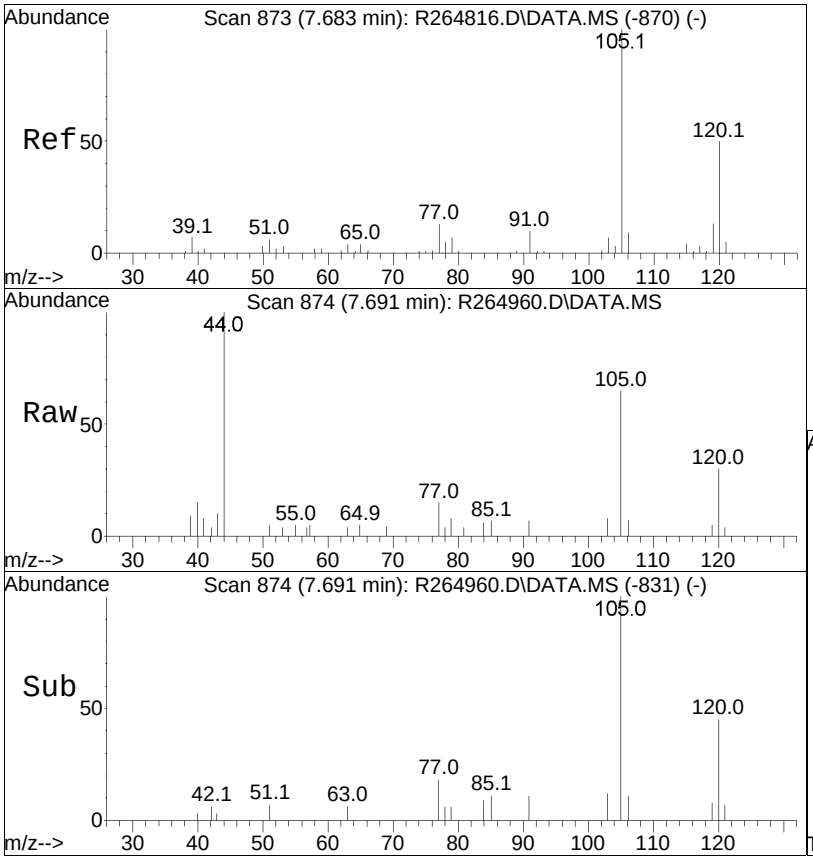


#87
o-xylene
Concen: 0.12 ppbV
RT: 6.993 min Scan# 769
Delta R.T. 0.000 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion: 91 Resp: 7650

Ion	Ratio	Lower	Upper
91	100		
106	44.4	38.1	57.1

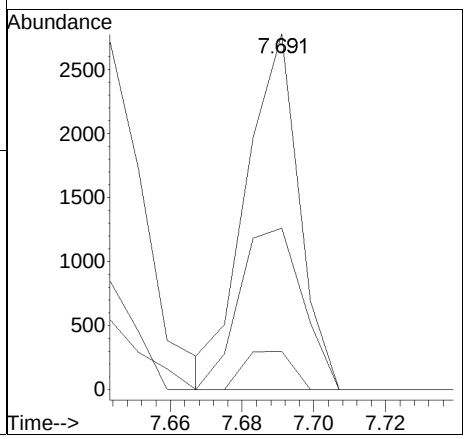


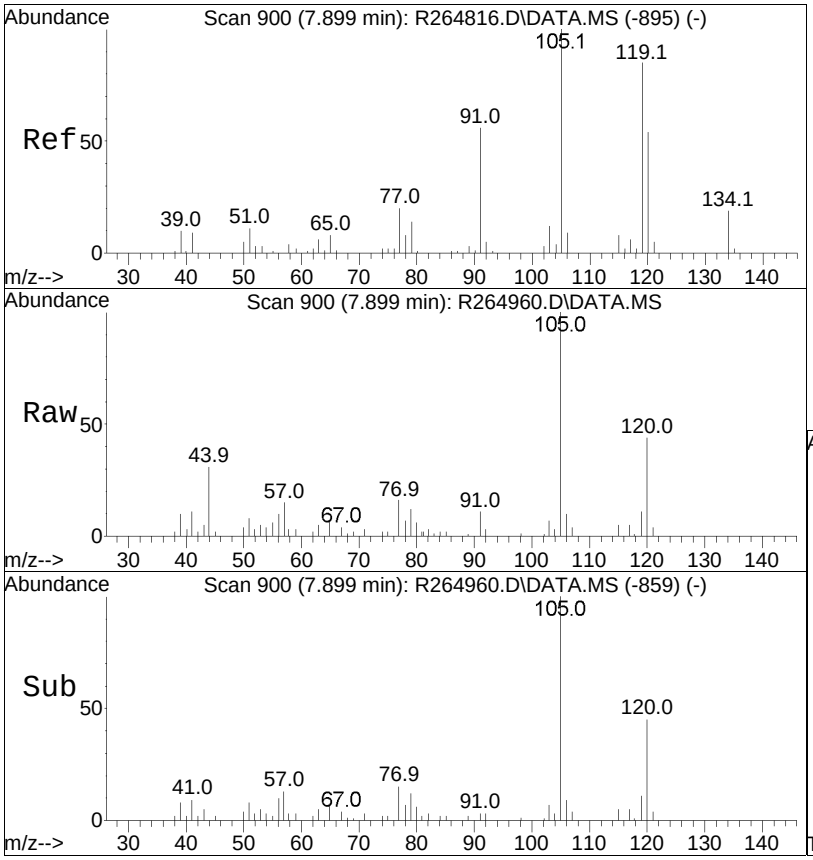


#97
1,3,5-trimethylbenzene
Concen: 0.04 ppbV
RT: 7.691 min Scan# 874
Delta R.T. 0.008 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion:105 Resp: 2848

Ion	Ratio	Lower	Upper
105	100		
120	45.4	39.9	59.9
91	10.7	8.3	12.5

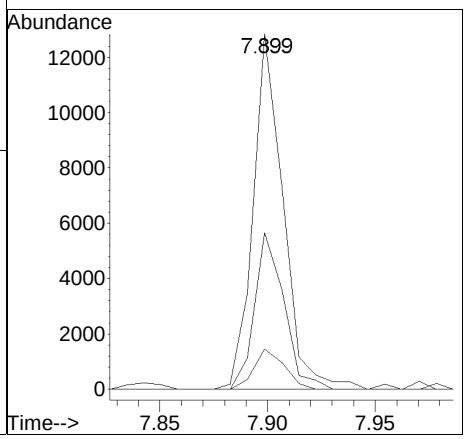




#99
1,2,4-trimethylbenzene
Concen: 0.17 ppbV
RT: 7.899 min Scan# 900
Delta R.T. 0.000 min
Lab File: R264960.D
Acq: 16 Jul 2025 01:19 am

Tgt Ion:105 Resp: 12497

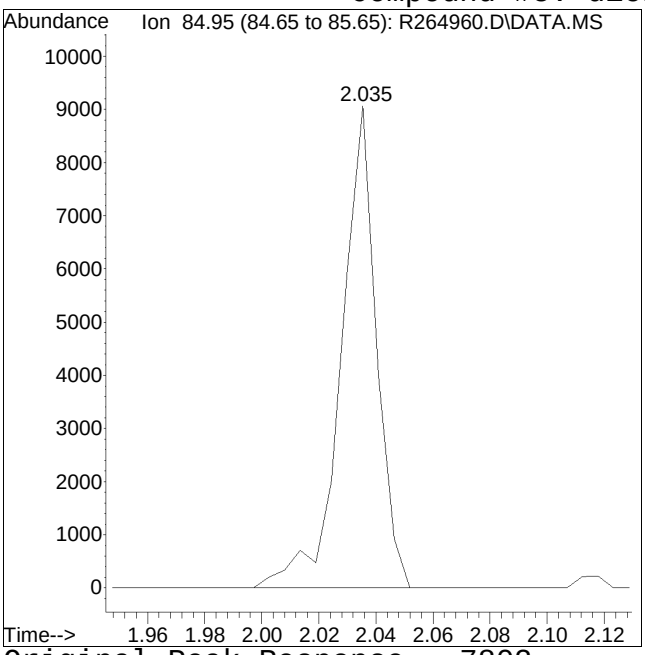
Ion	Ratio	Lower	Upper
105	100		
120	44.1	43.2	64.8
91	11.4	44.4	66.6#



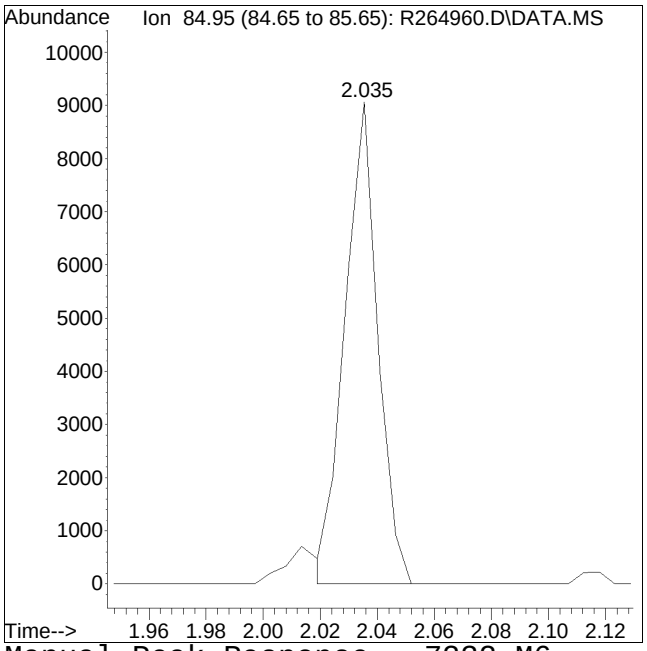
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264960.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 1:19 am Instrument : Airlab26
Sample : WG2090986-5D,3,99.15,250 Quant Date : 7/16/2025 6:29 am

Compound #5: dichlorodifluoromethane



Original Peak Response = 7802



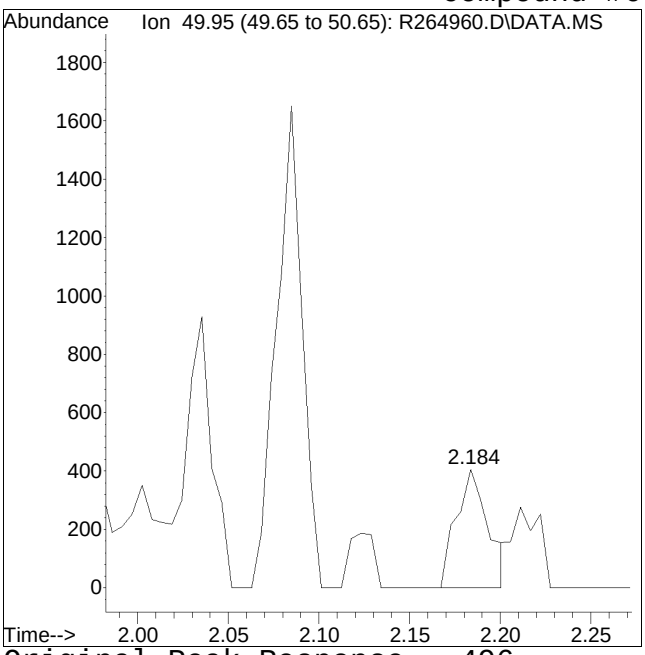
Manual Peak Response = 7232 M6

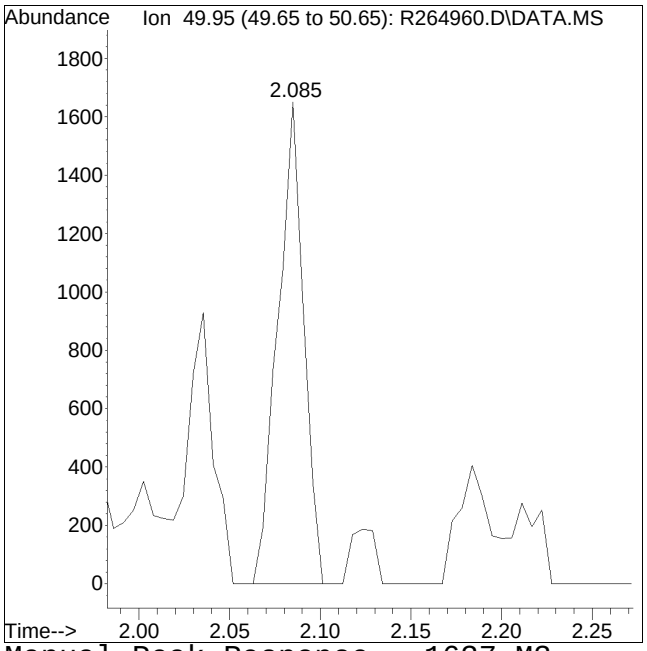
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264960.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 1:19 am Instrument : Airlab26
Sample : WG2090986-5D,3,99.15,250 Quant Date : 7/16/2025 6:29 am

Compound #6: chloromethane



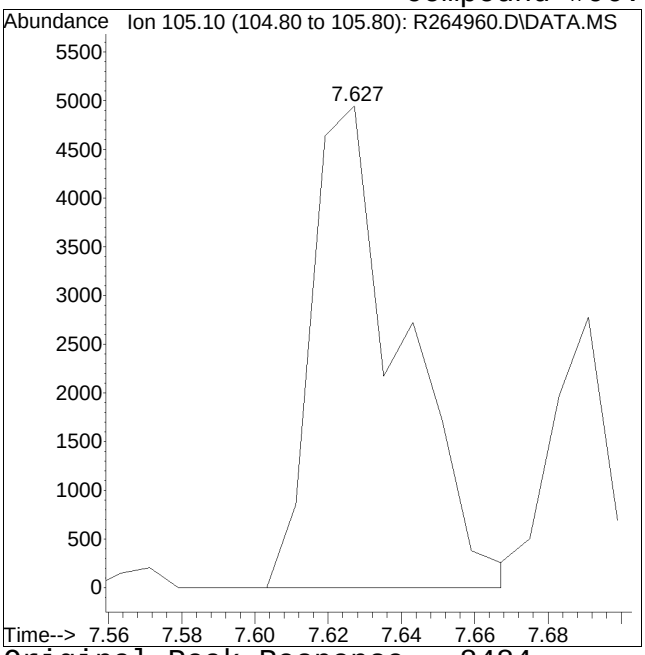


Original Peak Response = 496 Manual Peak Response = 1637 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

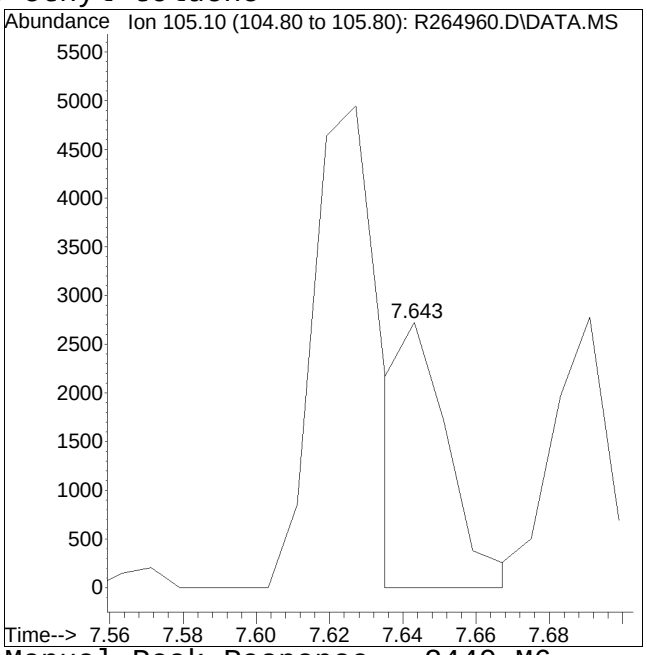
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_250709.M
Data File : R264960.D Operator : AIRLAB26:RAY
Date Inj'd : 7/16/2025 1:19 am Instrument : Airlab26
Sample : WG2090986-5D,3,99.15,250 Quant Date : 7/16/2025 6:29 am

Compound #96: 4-ethyl toluene



Original Peak Response = 8484



Manual Peak Response = 2440 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Calculation of Volatile Organic Compounds in Air

The instrument will calculate the concentration (ppbv). If the sample is diluted (DF), the result is multiplied by the DF to generate the final result.

Result, ppbv = C_s x DF
Where:
C_s = Concentration of sample (ppbv)
DF = Dilution Factor

Calculation of Instrument Dilution Factor

For dilutions, smaller sample volumes (< 250mL) are analyzed. The smallest volume that can be analyzed with accuracy is 10 mL.

Samples that arrive at the laboratory with pressures below -15 inches Hg must be pressurized with zero air to greater than -15 inches Hg. This pressurization results in a dilution factor.

Calculation of Dilution Factor
$DF = V_{cf} / V_{ci}$
Where:
V_{ci} = volume of air in canister prior to pressurization, L
P =

Conversion of ppbv to ug/m^3
ug/m^3 = (ppbv) * MW / 24.47
Where:
24.47 = molar gas constant (g/g-mole)
MW = molecular weight of the compound of interest

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

$V_{ci} = 2.7 * Pl/14.696$

Step 2: Calculate the volume in the canister after pressurization.

$V_{cf} = 2.7 * PF/14.696$

Step 3: Calculate the dilution factor.

$DF = V_{cf} / V_{ci}$

Where:

V_{ci} = volume of air in canister prior to pressurization, L
PI = pressure reading of canister prior to pressurization (psia)
V_{cf} = volume of air in canister after pressurization, L
PF = pressure reading of canister after pressurization (psia)
DF = dilution factor
14.696 = atmospheric pressure (psia)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jul 16 2025, 01:43 pm

Work Group: WG2090986 for Department: 3 GC/MS

Created: 15-JUL-25 Due: Operator: BJB

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2500148-464	AIR DUMMY 464	S	TO15-LL	AIR	DONE	U	0731	0729	NC	CAN-CHOOSE
L2540965-01	PRE-CARBON	S	TO15-LL	SOIL_VAPOR	DONE	U	0730	0715	S0	Tedlar-Poly5
L2540965-02	POST-CARBON	S	TO15-LL	SOIL_VAPOR	DONE	U	0730	0715	S0	Tedlar-Poly5
L2541170-01	SG-77	S	TO15-LL	SOIL_VAPOR	DONE	U	0730	0716	S0	Can-2.7
L2541170-02	SG-78	S	TO15-LL	SOIL_VAPOR	DONE	U	0730	0716	S0	Can-2.7
L2543344-01	SVE-EFF-01_20250710	S	TO15-LL	SOIL_VAPOR	DONE	U	0809	0716	S0	Tedlar-Poly5
L2543344-02	SVE-INF-01_20250710	S	TO15-LL	SOIL_VAPOR	DONE	U	0809	0716	S0	Tedlar-Poly5
L2543344-03	SVE-INF-02_20250710	S	TO15-LL	SOIL_VAPOR	DONE	U	0809	0716	S0	Tedlar-Poly5
L2543344-04	SVE-EFF-02_20250710	S	TO15-LL	SOIL_VAPOR	DONE	U	0809	0716	S0	Tedlar-Poly5
L2543462-01	SG-1	S	TO15-LL	SOIL_VAPOR	DONE	U	0809	0717	3E	Can-2.7
L2543462-02	SG-2	S	TO15-LL	SOIL_VAPOR	DONE	U	0809	0717	3E	Can-2.7
WG2090986-1	MS BFB Tune Standard	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2090986-2	Continuing Calibrati	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2090986-3	Laboratory Control S	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2090986-4	Laboratory Method Bl	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2090986-5	Duplicate Sample	S	TO15-LL	SOIL_VAPOR	DONE	U				

Comments:

L2500148-464	USE FOR L2543836-08
WG2090986-5	L2500148-464

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRLAB26

Internal Standard/Surrogate IDs: SS24-016 / SS24-017

Date: 07/09/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: APR

Sequence Name 250709.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	TA26070901	TO15_SFS.M	R264808.D	250 mL	TUNE		NA
5	ITO15-SIMSTD0.02	TO15_SFS.M	R264809.D	SS25-020D 50 mL	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.05	TO15_SFS.M	R264810.D	SS25-020D 125 mL	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.1	TO15_SFS.M	R264811.D	SS25-020D 250 mL	SIM ONLY	DEF	NA
6	ITO15-LLSTD0.2	TO15_SFS.M	R264812.D	SS25-020C 50 mL		DEF	NA
6	ITO15-LLSTD0.5	TO15_SFS.M	R264813.D	SS25-020C 125 mL		DEF	NA
6	ITO15-LLSTD1.0	TO15_SFS.M	R264814.D	SS25-020C 250 mL		DEF	NA
7	ITO15-LLSTD5.0	TO15_SFS.M	R264815.D	SS25-020B 125 mL		DEF	NA
7	ITO15-LLSTD010	TO15_SFS.M	R264816.D	SS25-020B 250 mL		DEF	NA
8	ITO15-LLSTD020	TO15_SFS.M	R264817.D	SS25-020A 50 mL		DEF	NA
8	ITO15-LLSTD050	TO15_SFS.M	R264818.D	SS25-020A 125 mL		DEF	NA
8	ITO15-LLSTD100	TO15_SFS.M	R264819.D	SS25-020A 250 mL	LL ONLY	DEF	NA
1	BA26070901	TO15_SFS.M	R264820.D	250ML			NA
					PAUSE		NA
1	BA26070902	TO15_SFS.M	R264821.D	250ML			NA
2	CTO15-LLSTD010	TO15_SFS.M	R264822.D	SS25-023A 250 mL	LL ICV	DEF-ICV	NA
2	CTO15-SIMSTD5.0	TO15_SFS.M	R264823.D	SS25-023A 250 mL	SIM ICV	DEF-ICV	NA

Alpha Analytical Air Lab
Instrument Run Log

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRLAB26

Internal Standard/Surrogate IDs: SS24-016 / SS24-017

Date: 07/15/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: BJB

Sequence Name 250715.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	TA26061401	TO15_SFS.M	R264942.D	250 mL	TUNE		NA
2	CA26061401	TO15_SFS.M	R264943.D	SS25-017E 250 mL	CC	**RISKING FREON 113**	NA
3	CTO15-LLSTD010	TO15_SFS.M	R264944.D	SS25-023A 250 mL	LL LCS	NARRATE ETOH/ VA OUT	NA
3	CTO15-SIMSTD5.0	TO15_SFS.M	R264945.D	SS25-023A 125 mL	SIM LCS		NA
	pause	TO15_SFS.M					NA
1	BA26061401	TO15_SFS.M	R264946.D	250ML	LL BLANK		NA
1	BA26061402	TO15_SFS.M	R264947.D	250ML	SIM BLANK		NA
2	L2543462-01,3,250,250	TO15_SFS.M	R264948.D	WG2090986,ICAL22465		NY+NAPH	Y
3	L2543462-02D,3,175,250	TO15_SFS.M	R264949.D	WG2090986,ICAL22465	T	NY+NAPH	Y
4	L2541170-01D,3,200,250	TO15_SFS.M	R264950.D	WG2090986,ICAL22465	T	HZW_MOD	Y
5	L2541170-02D,3,75,250	TO15_SFS.M	R264951.D	WG2090986,ICAL22465	T	HZW_MOD	Y
6	L2543836-01D,3,20.54,250	TO15_SFS.M	R264952.D	WG2090984,ICAL22465	T, HIT OF F113	NJ_NEW	Y
7	L2543836-02D,3,8.2,250	TO15_SFS.M	R264953.D	WG2090984,ICAL22465	T	NJ_NEW	Y
8	L2543836-03D,3,0.28,250	TO15_SFS.M	R264954.D	WG2090984,ICAL22465	OVERDILUTED, HIT OF F113	NJ_NEW	Y
9	L2543836-04D,3,0.31,250	TO15_SFS.M	R264955.D	WG2090984,ICAL22465	OVERDILUTED, HIT OF F113	NJ_NEW	Y
10	L2543836-05D,3,12.00,250	TO15_SFS.M	R264956.D	WG2090984,ICAL22465	T	NJ_NEW	Y
11	L2543836-06D,3,10.00,250	TO15_SFS.M	R264957.D	WG2090984,ICAL22465	T, HIT OF F113	NJ_NEW	Y
12	L2543836-07D,3,97.46,250	TO15_SFS.M	R264958.D	WG2090984,ICAL22465	HIT OF F113	NJ_NEW	Y
13	L2543836-08D,3,99.15,250	TO15_SFS.M	R264959.D	WG2090984,ICAL22465		NJ_NEW	Y
13	L2543836-08DUPD,3,99.15,250	TO15_SFS.M	R264960.D	WG2090984,ICAL22465	NJ DUP (DUMMY)	NJ_NEW	Y
14	L2543836-09D,3,72.47,250	TO15_SFS.M	R264961.D	WG2090984,ICAL22465	T	NJ_NEW	Y

Alpha Analytical Air Lab
Instrument Run Log

15	L2543836-10D,3,39.66,250	TO15_SFS.M	R264962.D	WG2090984,ICAL22465	T, HIT OF F113	NJ_NEW	Y
16	L2540965-02,3,250,250	TO15_SFS.M	R264963.D	WG2090986,ICAL22465	TRANSFER	NY+NAPH	Y
1	L2543344-01,3,250,250	TO15_SFS.M	R264964.D	WG2090986,ICAL22465	TRANSFER	NY+NAPH	Y
2	L2543344-04,3,250,250	TO15_SFS.M	R264965.D	WG2090986,ICAL22465	TRANSFER	NY+NAPH	Y
3	L2543344-02D,3,175,250	TO15_SFS.M	R264966.D	WG2090986,ICAL22465	TRANSFER, HEXANE OCAL	NY+NAPH	Y
4	L2543344-03D,3,25,250	TO15_SFS.M	R264967.D	WG2090986,ICAL22465	TRANSFER, T	NY+NAPH	Y
5	L2540965-01,3,250,250	TO15_SFS.M	R264968.D	WG2090986,ICAL22465	TRANSFER	NY+NAPH	Y
8	L2543836-03D,3,0.57,250	TO15_SFS.M	R264969.D	WG2090984,ICAL22465	T HIT of F113	NJ_NEW	Y
9	L2543836-04D,3,0.51,250	TO15_SFS.M	R264970.D	WG2090984,ICAL22465	NT HIT OF F113	NJ_NEW	Y
3	L2543344-02D,3,25,250	TO15_SFS.M	R264971.D	WG2090986,ICAL22465		HEXANE	Y

Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2560983

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Project Name: 1885 ATLANTIC AVE
Project Number: 0205125

Lab Number: L2560983
Report Date: 09/30/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2560983-01	SVE-INF-01_20250926	SOIL_VAPOR	1885 ATLANTIC AVE, BROOKLYN, NY	09/26/25 10:05	09/26/25
L2560983-02	SVE-EFF-01_20250926	SOIL_VAPOR	1885 ATLANTIC AVE, BROOKLYN, NY	09/26/25 09:50	09/26/25
L2560983-03	SVE-INF-02_20250926	SOIL_VAPOR	1885 ATLANTIC AVE, BROOKLYN, NY	09/26/25 12:10	09/26/25
L2560983-04	SVE-EFF-02_20250926	SOIL_VAPOR	1885 ATLANTIC AVE, BROOKLYN, NY	09/26/25 12:25	09/26/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Volatile Organics in Air

L2560983-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2560983-01D, -02D, -03D, and -04D: The sample was analyzed with the method required holding time exceeded.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J Anderson Report Date: 09/30/25

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

ND or U - Not detected at the reporting limit (RL) for the sample.

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Pace Job Number : L2560983

Account Name : Haley & Aldrich
Project Number : 0205125
Project Name : 1885 ATLANTIC AVE

Received : 26-SEP-2025
Reviewer : Christopher J Anderson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Present/Intact/NA			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Sep 30 2025, 04:35 pm

Login Number: L2560983
Account: HALEY-NYC Haley & AldrichProject: 0205125
Received: 26SEP25 Due Date: 03OCT25

Sample #	Client ID	Mat	PR	Collected
L2560983-01	SVE-INF-01_20250926	11	S0	26SEP25 10:05
| ASP-B Package Due Date: 10/03/25				
ASP-B,TEDLAR-POLY5,TO15-LL				
L2560983-02	SVE-EFF-01_20250926	11	S0	26SEP25 09:50
| Package Due Date: 10/03/25				
TEDLAR-POLY5,TO15-LL				
L2560983-03	SVE-INF-02_20250926	11	S0	26SEP25 12:10
| Package Due Date: 10/03/25				
TEDLAR-POLY5,TO15-LL				
L2560983-04	SVE-EFF-02_20250926	11	S0	26SEP25 12:25
| Package Due Date: 10/03/25				
TEDLAR-POLY5,TO15-LL				

Logged By: Tyler Hatch

AIR ANALYSIS

Pace ANALYTICAL SERVICES — CHAIN OF CUSTODY

PAGE 1 OF 1

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/27/25

Pace® Job #: L2560983

Client Information

Client: Haley & Aldrich of New York
Address: 213 W 35th St, 7th Floor
New York, NY 10001
Phone: 973-654-3904
Fax: mlevy@haleyaldrich.com
Email: mforshay@haleyaldrich.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: 1985 Atlantic Ave
Project Location: 1985 Atlantic Ave, Brooklyn, NY
Project #: 0205125
Project Manager: Matt Forshay
Pace® Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15		Sample Comments (i.e. PID)
60983-01	SVE-INF-01_20250926	9/26/25		10:05			SV	ZCR	5L			X						5L Tedlar Bag
02	SVE-EFF-01_20250926	9/26/25		9:50			SV	ZCR	5L			X						5L Tedlar Bag
03	SVE-INF-02_20250926	9/26/25		12:10			SV	ZCR	5L			X						5L Tedlar Bag
04	SVE-EFF-02_20250926	9/26/25		12:25			SV	ZCR	5L			X						5L Tedlar Bag

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Xavier Richards	9/26/25	WIFI Pace 1350	9/26/25 1350
WIFI Pace	9/26/25 2010	Anthony Green	SEP 26 2025 2150
Anthony Green		Alberto Liz	9/27/25 0200
Alberto Liz	9/27/25 0610		9/27/25 0610

Form No. 101.02 Rev. (25-Sep-15)

Supporting Documentation

Project Name: 1885 ATLANTIC AVE

Project Number: 0205125

Lab Number: L2560983

Report Date: 09/30/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD

Organics

Volatile Organics in Air
TO-15 Low Level

Volatiles QC Summary

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2560983
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2121111-3	**Analysis Date** : 09/29/25 12:47	**File ID** : r441212
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Dichlorodifluoromethane	10	11.0	110				-	70-130	-
Chloromethane	10	10.5	105				-	70-130	-
Freon-114	10	11.7	117				-	70-130	-
Vinyl chloride	10	11.1	111				-	70-130	-
1,3-Butadiene	10	11.9	119				-	70-130	-
Bromomethane	10	11.9	119				-	70-130	-
Chloroethane	10	10.4	104				-	70-130	-
Ethanol	50	57.3	115				-	40-160	-
Vinyl bromide	10	8.52	85				-	70-130	-
Acetone	50	40.5	81				-	40-160	-
Trichlorofluoromethane	10	9.64	96				-	70-130	-
Isopropanol	25	19.8	79				-	40-160	-
1,1-Dichloroethene	10	9.45	94				-	70-130	-
Tertiary butyl Alcohol	10	7.83	78				-	70-130	-
Methylene chloride	10	10.8	108				-	70-130	-
3-Chloropropene	10	8.27	83				-	70-130	-
Carbon disulfide	10	8.91	89				-	70-130	-
Freon-113	10	8.95	90				-	70-130	-
trans-1,2-Dichloroethene	10	8.60	86				-	70-130	-
1,1-Dichloroethane	10	8.20	82				-	70-130	-
Methyl tert butyl ether	10	8.63	86				-	70-130	-
2-Butanone	10	8.30	83				-	70-130	-
cis-1,2-Dichloroethene	10	8.68	87				-	70-130	-
Ethyl Acetate	10	8.63	86				-	70-130	-
Chloroform	10	10.6	106				-	70-130	-
Tetrahydrofuran	10	8.95	90				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2560983
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2121111-3	**Analysis Date** : 09/29/25 12:47	**File ID** : r441212
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dichloroethane	10	9.30	93				-	70-130	-
n-Hexane	10	11.7	117				-	70-130	-
1,1,1-Trichloroethane	10	10.9	109				-	70-130	-
Benzene	10	10.7	107				-	70-130	-
Carbon tetrachloride	10	12.0	120				-	70-130	-
Cyclohexane	10	11.5	115				-	70-130	-
1,2-Dichloropropane	10	9.59	96				-	70-130	-
Bromodichloromethane	10	12.7	127				-	70-130	-
1,4-Dioxane	10	10.9	109				-	70-130	-
Trichloroethene	10	10.9	109				-	70-130	-
2,2,4-Trimethylpentane	10	11.8	118				-	70-130	-
Heptane	10	10.9	109				-	70-130	-
cis-1,3-Dichloropropene	10	11.4	114				-	70-130	-
4-Methyl-2-pentanone	10	10.6	106				-	70-130	-
trans-1,3-Dichloropropene	10	12.6	126				-	70-130	-
1,1,2-Trichloroethane	10	10.3	103				-	70-130	-
Toluene	10	8.84	88				-	70-130	-
2-Hexanone	10	8.25	82				-	70-130	-
Dibromochloromethane	10	9.66	97				-	70-130	-
1,2-Dibromoethane	10	8.58	86				-	70-130	-
Tetrachloroethene	10	8.86	89				-	70-130	-
Chlorobenzene	10	8.57	86				-	70-130	-
Ethylbenzene	10	8.81	88				-	70-130	-
p/m-Xylene	20	18.7	94				-	70-130	-
Bromoform	10	9.51	95				-	70-130	-
Styrene	10	8.51	85				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2560983
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2121111-3	**Analysis Date** : 09/29/25 12:47	**File ID** : r441212
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
1,1,2,2-Tetrachloroethane	10	9.94	99				-	70-130	-
o-Xylene	10	9.80	98				-	70-130	-
4-Ethyltoluene	10	8.66	87				-	70-130	-
1,3,5-Trimethylbenzene	10	9.38	94				-	70-130	-
1,2,4-Trimethylbenzene	10	9.40	94				-	70-130	-
Benzyl chloride	10	7.52	75				-	70-130	-
1,3-Dichlorobenzene	10	9.13	91				-	70-130	-
1,4-Dichlorobenzene	10	9.14	91				-	70-130	-
1,2-Dichlorobenzene	10	9.24	92				-	70-130	-
1,2,4-Trichlorobenzene	10	8.45	84				-	70-130	-
Naphthalene	10	7.42	74				-	70-130	-
Hexachlorobutadiene	10	9.10	91				-	70-130	-

Method Blank Summary
Form 4
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2560983
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Lab Sample ID	: WG2121111-4	**Lab File ID**	: r441214
Instrument ID	: AIRPIANO4		
Matrix	: AIR	**Analysis Date**	: 09/29/25 16:03

Client Sample No.	Lab Sample ID	Analysis Date
WG2121111-3LCS	WG2121111-3	09/29/25 12:47
AIR DUMMY 605DUP	WG2121111-5	09/29/25 21:54
SVE-INF-01_20250926	L2560983-01D	09/29/25 22:33
SVE-EFF-01_20250926	L2560983-02D	09/29/25 23:10
SVE-INF-02_20250926	L2560983-03D	09/29/25 23:48
SVE-EFF-02_20250926	L2560983-04D	09/30/25 00:23

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2560983
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Instrument ID	: AIRPIANO4	**Analysis Date**	: 09/11/25 17:12
Tune Standard	: WG2114096-1	**Tune File ID**	: r440891_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	12.1
75	30.0 - 66.0% of mass 95	35.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.6 (.9)1
174	50.0 - 120.0% of mass 95	62.2
175	4.0 - 9.0% of mass 174	4.6 (7.4)1
176	93.0 - 101% of mass 174	60.3 (96.9)1
177	5.0 - 9.0% of mass 176	4 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.2	R2010083-1	R440895	09/11/25 19:39
STD0.5	R2010083-2	R440896	09/11/25 20:18
STD1.0	R2010083-3	R440897	09/11/25 21:00
STD5.0	R2010083-4	R440898	09/11/25 21:40
STD010	R2010083-5	R440899	09/11/25 22:21
STD020	R2010083-6	R440900	09/11/25 22:59
STD050	R2010083-7	R440901	09/11/25 23:38
STD100	R2010083-8	R440902	09/12/25 00:19
ICV QUANT	R2010083-9	R440908	09/12/25 14:18

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2560983
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Instrument ID	: AIRPIANO4	**Analysis Date**	: 09/29/25 11:25
Tune Standard	: WG2121111-1	**Tune File ID**	: r441210_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	17
75	30.0 - 66.0% of mass 95	41.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.6 (.9)1
174	50.0 - 120.0% of mass 95	64.2
175	4.0 - 9.0% of mass 174	4.5 (7)1
176	93.0 - 101% of mass 174	61.5 (95.9)1
177	5.0 - 9.0% of mass 176	4 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2121111-2CCAL	WG2121111-2	R441211	09/29/25 12:06
WG2121111-3LCS	WG2121111-3	R441212	09/29/25 12:47
WG2121111-4BLANK	WG2121111-4	R441214	09/29/25 16:03
WG2121111-5DUP	WG2121111-5	R441223	09/29/25 21:54
SVE-INF-01_20250926	L2560983-01D	R441224	09/29/25 22:33
SVE-EFF-01_20250926	L2560983-02D	R441225	09/29/25 23:10
SVE-INF-02_20250926	L2560983-03D	R441226	09/29/25 23:48
SVE-EFF-02_20250926	L2560983-04D	R441227	09/30/25 00:23

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2560983
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Instrument ID	: AIRPIANO4	**Analysis Date**	: 09/29/25 12:06:00
Sample No	: WG2121111-2	**Lab File ID**	: R441211

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG2121111-2	285983	9.22	711740	11.43	145769	16.09
Upper Limit	400376	9.55	996436	11.76	204077	16.42
Lower Limit	171590	8.89	427044	11.10	87461	15.76
Sample ID						
WG2121111-3 LCS	301720	9.22	738805	11.43	147393	16.10
WG2121111-4 BLANK	284840	9.22	689163	11.44	135004	16.10
AIR DUMMY 605 DUP	275060	9.23	668694	11.44	136599	16.10
SVE-INF-01_20250926	283717	9.22	711302	11.44	156020	16.10
SVE-EFF-01_20250926	292720	9.23	734857	11.44	175291	16.10
SVE-INF-02_20250926	313608	9.22	825740	11.44	171163	16.10
SVE-EFF-02_20250926	317741	9.23	851461	11.44	172608	16.10

Area Upper Limit = +40% of internal standard area
Area Lower Limit = - 40% of internal standard area

RT Upper Limit = +0.33 minutes of internal standard RT
RT Lower Limit = -0.33 minutes of internal standard RT

* Values outside of QC limits

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19301-1
Page: 1

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,1,1-Trichloroethane	71-55-6	0.2	0.0614	ppbV	70-130			25	25			
1,1,2,2-Tetrachloroethane	79-34-5	0.2	0.052	ppbV	70-130			25	25			
1,1,2-Trichloroethane	79-00-5	0.2	0.0582	ppbV	70-130			25	25			
1,1-Dichloroethane	75-34-3	0.2	0.0568	ppbV	70-130			25	25			
1,1-Dichloroethene	75-35-4	0.2	0.0568	ppbV	70-130			25	25			
1,2,3-Trimethylbenzene	526-73-8	0.2	0.0576	ppbV	70-130			25	25			
1,2,4-Trichlorobenzene	120-82-1	0.2	0.1	ppbV	70-130			25	25			
1,2,4-Trimethylbenzene	95-63-6	0.2	0.0577	ppbV	70-130			25	25			
1,2,4,5-Tetramethylbenzene	95-93-2	0.2	0.135	ppbV	70-130			25	25			
1,2-Dibromoethane	106-93-4	0.2	0.0544	ppbV	70-130			25	25			
1,2-Dichlorobenzene	95-50-1	0.2	0.0619	ppbV	70-130			25	25			
1,2-Dichloroethane	107-06-2	0.2	0.0787	ppbV	70-130			25	25			
1,2-Dichloropropane	78-87-5	0.2	0.0631	ppbV	70-130			25	25			
1,3,5-Trimethylbenzene	108-67-8	0.2	0.06	ppbV	70-130			25	25			
1,3-Butadiene	106-99-0	0.2	0.0619	ppbV	70-130			25	25			
1,3-Dichlorobenzene	541-73-1	0.2	0.0777	ppbV	70-130			25	25			
1,4-Dichlorobenzene	106-46-7	0.2	0.0826	ppbV	70-130			25	25			
1,4-Dioxane	123-91-1	0.2	0.0538	ppbV	70-130			25	25			
2,2,4-Trimethylpentane	540-84-1	0.2	0.0692	ppbV	70-130			25	25			
2-Butanone	78-93-3	0.5	0.099	ppbV	70-130			25	25			
2-Hexanone	591-78-6	0.2	0.0912	ppbV	70-130			25	25			
2-Methylthiophene	554-14-3	0.2	0.0622	ppbV	70-130			25	25			
3-Methylthiophene	616-44-4	0.2	0.0634	ppbV	70-130			25	25			
3-Chloropropene	107-05-1	0.2	0.086	ppbV	70-130			25	25			
2-Ethylthiophene	872-55-9	0.2	0.0612	ppbV	70-130			25	25			
4-Ethyltoluene	622-96-8	0.2	0.0554	ppbV	70-130			25	25			
Acetone	67-64-1	1	0.515	ppbV	40-160			25	25			
Benzene	71-43-2	0.2	0.0643	ppbV	70-130			25	25			
Benzyl chloride	100-44-7	0.2	0.0939	ppbV	70-130			25	25			
Benzothiophene	95-15-8	0.5	0.273	ppbV	70-130			25	25			
Bromodichloromethane	75-27-4	0.2	0.0689	ppbV	70-130			25	25			
Bromoform	75-25-2	0.2	0.0596	ppbV	70-130			25	25			
Bromomethane	74-83-9	0.2	0.0547	ppbV	70-130			25	25			
Carbon disulfide	75-15-0	0.2	0.0465	ppbV	70-130			25	25			
Carbon tetrachloride	56-23-5	0.2	0.0686	ppbV	70-130			25	25			
Chlorobenzene	108-90-7	0.2	0.0516	ppbV	70-130			25	25			
Chloroethane	75-00-3	0.2	0.0649	ppbV	70-130			25	25			
Chloroform	67-66-3	0.2	0.0552	ppbV	70-130			25	25			
Chloromethane	74-87-3	0.2	0.0576	ppbV	70-130			25	25			
cis-1,2-Dichloroethene	156-59-2	0.2	0.0595	ppbV	70-130			25	25			
cis-1,3-Dichloropropene	10061-01-5	0.2	0.0674	ppbV	70-130			25	25			
Cyclohexane	110-82-7	0.2	0.0728	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibromochloromethane	124-48-1	0.2	0.0566	ppbV	70-130			25	25			
Dichlorodifluoromethane	75-71-8	0.2	0.0757	ppbV	70-130			25	25			
Ethyl Alcohol	GCDAI06	5	1.74	ppbV	40-160			25	25			
Ethyl Acetate	141-78-6	0.5	0.297	ppbV	70-130			25	25			
Ethylbenzene	100-41-4	0.2	0.0575	ppbV	70-130			25	25			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	0.2	0.0506	ppbV	70-130			25	25			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	0.2	0.0504	ppbV	70-130			25	25			
Hexachlorobutadiene	87-68-3	0.2	0.0607	ppbV	70-130			25	25			
iso-Propyl Alcohol	67-63-0	1	0.272	ppbV	40-160			25	25			
Methylene chloride	75-09-2	0.5	0.125	ppbV	70-130			25	25			
4-Methyl-2-pentanone	108-10-1	0.5	0.19	ppbV	70-130			25	25			
Methyl tert butyl ether	1634-04-4	0.2	0.045	ppbV	70-130			25	25			
Methyl Methacrylate	80-62-6	0.5	0.226	ppbV	40-160			25	25			
p/m-Xylene	179601-23-1	0.4	0.125	ppbV	70-130			25	25			
o-Xylene	95-47-6	0.2	0.0621	ppbV	70-130			25	25			
Xylene (Total)	1330-20-7	0.2	0.0621	ppbV				25	25			
Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Hexane	110-54-3	0.2	0.0743	ppbV	70-130			25	25			
Propylene	115-07-1	0.5	0.135	ppbV	70-130			25	25			
Styrene	100-42-5	0.2	0.0596	ppbV	70-130			25	25			
Tetrachloroethene	127-18-4	0.2	0.0627	ppbV	70-130			25	25			
Thiophene	110-02-1	0.2	0.052	ppbV	70-130			25	25			
Tetrahydrofuran	109-99-9	0.5	0.117	ppbV	70-130			25	25			
Toluene	108-88-3	0.2	0.0867	ppbV	70-130			25	25			
trans-1,2-Dichloroethene	156-60-5	0.2	0.0755	ppbV	70-130			25	25			
1,2-Dichloroethene (total)	540-59-0	0.2	0.0595	ppbV				25	25			
trans-1,3-Dichloropropene	10061-02-6	0.2	0.0783	ppbV	70-130			25	25			
1,3-Dichloropropene, Total	542-75-6	0.2	0.0674	ppbV				25	25			
Trichloroethene	79-01-6	0.2	0.0548	ppbV	70-130			25	25			
Trichlorofluoromethane	75-69-4	0.2	0.0787	ppbV	70-130			25	25			
Vinyl acetate	108-05-4	1	0.323	ppbV	70-130			25	25			
Vinyl bromide	593-60-2	0.2	0.0722	ppbV	70-130			25	25			
Vinyl chloride	75-01-4	0.2	0.0582	ppbV	70-130			25	25			
Naphthalene	91-20-3	0.19	0.059	ppbV	70-130			25	25			
Total HC As Hexane	NONE	10	0.0743	ppbV	70-130			25	25			
Total VOCs As Toluene	NONE	10	0.0867	ppbV	70-130			25	25			
Propane	74-98-6	0.5	0.152	ppbV	70-130			25	25			
Acrylonitrile	107-13-1	0.5	0.0894	ppbV	70-130			25	25			
Acrolein	107-02-8	0.5	0.149	ppbV	60-113			25	25			
1,1,1,2-Tetrachloroethane	630-20-6	0.2	0.0508	ppbV	70-130			25	25			
Isopropylbenzene	98-82-8	0.2	0.0621	ppbV	70-130			25	25			

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Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,2,3-Trichloropropane	96-18-4	0.2	0.0575	ppbV	70-130			25	25			
Acetonitrile	75-05-8	0.2	0.101	ppbV	70-130			25	25			
Bromobenzene	108-86-1	0.2	0.0579	ppbV	70-130			25	25			
Chlorodifluoromethane	75-45-6	0.2	0.0463	ppbV	70-130			25	25			
Dichlorofluoromethane	75-43-4	0.2	0.112	ppbV	70-130			25	25			
Dibromomethane	74-95-3	0.2	0.0598	ppbV	70-130			25	25			
Pentane	109-66-0	0.2	0.113	ppbV	70-130			25	25			
Octane	111-65-9	0.2	0.0676	ppbV	70-130			25	25			
Tertiary-Amyl Methyl Ether	994-05-8	0.2	0.0672	ppbV	70-130			25	25			
o-Chlorotoluene	95-49-8	0.2	0.0761	ppbV	70-130			25	25			
p-Chlorotoluene	106-43-4	0.2	0.0765	ppbV	70-130			25	25			
2,2-Dichloropropane	594-20-7	0.2	0.0429	ppbV	70-130			25	25			
1,1-Dichloropropene	563-58-6	0.2	0.0593	ppbV	70-130			25	25			
Isopropyl Ether	108-20-3	0.2	0.0631	ppbV	70-130			25	25			
Ethyl-Tert-Butyl-Ether	637-92-3	0.2	0.0731	ppbV	70-130			25	25			
1,2,3-Trichlorobenzene	87-61-6	0.2	0.0738	ppbV	70-130			25	25			
Ethyl ether	60-29-7	0.2	0.0853	ppbV	70-130			25	25			
n-Butylbenzene	104-51-8	0.2	0.0536	ppbV	70-130			25	25			
sec-Butylbenzene	135-98-8	0.2	0.0547	ppbV	70-130			25	25			
tert-Butylbenzene	98-06-6	0.2	0.0551	ppbV	70-130			25	25			
1,2-Dibromo-3-chloropropane	96-12-8	0.2	0.0624	ppbV	70-130			25	25			
p-Isopropyltoluene	99-87-6	0.2	0.0567	ppbV	70-130			25	25			
n-Propylbenzene	103-65-1	0.2	0.0633	ppbV	70-130			25	25			
1,3-Dichloropropane	142-28-9	0.2	0.0536	ppbV	70-130			25	25			
Methanol	67-56-1	5	3.029	ppbV	70-130			25	25			
Acetaldehyde	75-07-0	2.5	1.73	ppbV	70-130			25	25			
Butane	106-97-8	0.2	0.08	ppbV	70-130			25	25			
Nonane (C9)	111-84-2	0.2	0.0737	ppbV	70-130			25	25			
Decane (C10)	124-18-5	0.2	0.0697	ppbV	70-130			25	25			
Undecane	1120-21-4	0.2	0.0709	ppbV	70-130			25	25			
Indane	496-11-7	0.2	0.0591	ppbV	70-130			25	25			
Indene	95-13-6	0.2	0.0711	ppbV	70-130			25	25			
1-Methylnaphthalene	90-12-0	1	0.264	ppbV	70-130			25	25			
Dodecane (C12)	112-40-3	0.2	0.0891	ppbV	70-130			25	25			
Butyl Acetate	123-86-4	0.5	0.208	ppbV	70-130			25	25			
tert-Butyl Alcohol	75-65-0	0.5	0.132	ppbV	70-130			25	25			
2-Methylnaphthalene	91-57-6	1	0.259	ppbV	70-130			25	25			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
Bromofluorobenzene	*460-00-4*									*70-130*		

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Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2560983-01D	Date Collected	: 09/26/25 10:05
Client ID	: SVE-INF-01_20250926	Date Received	: 09/26/25
Sample Location	: 1885 ATLANTIC AVE, BROOKLYN, NY	Date Analyzed	: 09/29/25 22:33
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 40.06
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441224	Instrument ID	: AIRPIANO4
Sample Amount	: 6.24 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	8.01	--	ND	39.6	--	U
74-87-3	Chloromethane	ND	8.01	--	ND	16.5	--	U
76-14-2	Freon-114	ND	8.01	--	ND	56.0	--	U
75-01-4	Vinyl chloride	ND	8.01	--	ND	20.5	--	U
106-99-0	1,3-Butadiene	ND	8.01	--	ND	17.7	--	U
74-83-9	Bromomethane	ND	8.01	--	ND	31.1	--	U
75-00-3	Chloroethane	ND	8.01	--	ND	21.1	--	U
64-17-5	Ethanol	ND	200	--	ND	377	--	U
593-60-2	Vinyl bromide	ND	8.01	--	ND	35.0	--	U
67-64-1	Acetone	ND	40.1	--	ND	95.3	--	U
75-69-4	Trichlorofluoromethane	ND	8.01	--	ND	45.0	--	U
67-63-0	Isopropanol	157	40.1	--	386	98.6	--	
75-35-4	1,1-Dichloroethene	ND	8.01	--	ND	31.8	--	U
75-65-0	Tertiary butyl Alcohol	ND	20.0	--	ND	60.6	--	U
75-09-2	Methylene chloride	29.5	20.0	--	102	69.5	--	
107-05-1	3-Chloropropene	ND	8.01	--	ND	25.1	--	U
75-15-0	Carbon disulfide	ND	8.01	--	ND	24.9	--	U
76-13-1	Freon-113	ND	8.01	--	ND	61.4	--	U
156-60-5	trans-1,2-Dichloroethene	ND	8.01	--	ND	31.8	--	U
75-34-3	1,1-Dichloroethane	ND	8.01	--	ND	32.4	--	U
1634-04-4	Methyl tert butyl ether	ND	8.01	--	ND	28.9	--	U
78-93-3	2-Butanone	ND	20.0	--	ND	59.0	--	U
156-59-2	cis-1,2-Dichloroethene	ND	8.01	--	ND	31.8	--	U
141-78-6	Ethyl Acetate	ND	20.0	--	ND	72.1	--	U
67-66-3	Chloroform	ND	8.01	--	ND	39.1	--	U
109-99-9	Tetrahydrofuran	ND	20.0	--	ND	59.0	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2560983-01D	Date Collected	: 09/26/25 10:05
Client ID	: SVE-INF-01_20250926	Date Received	: 09/26/25
Sample Location	: 1885 ATLANTIC AVE, BROOKLYN, NY	Date Analyzed	: 09/29/25 22:33
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 40.06
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441224	Instrument ID	: AIRPIANO4
Sample Amount	: 6.24 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	8.01	--	ND	32.4	--	U
110-54-3	n-Hexane	149	8.01	--	525	28.2	--	
71-55-6	1,1,1-Trichloroethane	ND	8.01	--	ND	43.7	--	U
71-43-2	Benzene	ND	8.01	--	ND	25.6	--	U
56-23-5	Carbon tetrachloride	ND	8.01	--	ND	50.4	--	U
110-82-7	Cyclohexane	100	8.01	--	344	27.6	--	
78-87-5	1,2-Dichloropropane	ND	8.01	--	ND	37.0	--	U
75-27-4	Bromodichloromethane	ND	8.01	--	ND	53.7	--	U
123-91-1	1,4-Dioxane	ND	8.01	--	ND	28.9	--	U
79-01-6	Trichloroethene	ND	8.01	--	ND	43.0	--	U
540-84-1	2,2,4-Trimethylpentane	3130	8.01	--	14600	37.4	--	
142-82-5	Heptane	68.4	8.01	--	280	32.8	--	
10061-01-5	cis-1,3-Dichloropropene	ND	8.01	--	ND	36.4	--	U
108-10-1	4-Methyl-2-pentanone	ND	20.0	--	ND	82.0	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	8.01	--	ND	36.4	--	U
79-00-5	1,1,2-Trichloroethane	ND	8.01	--	ND	43.7	--	U
108-88-3	Toluene	ND	8.01	--	ND	30.2	--	U
591-78-6	2-Hexanone	ND	8.01	--	ND	32.8	--	U
124-48-1	Dibromochloromethane	ND	8.01	--	ND	68.2	--	U
106-93-4	1,2-Dibromoethane	ND	8.01	--	ND	61.6	--	U
127-18-4	Tetrachloroethene	ND	8.01	--	ND	54.3	--	U
108-90-7	Chlorobenzene	ND	8.01	--	ND	36.9	--	U
100-41-4	Ethylbenzene	ND	8.01	--	ND	34.8	--	U
179601-23-1	p/m-Xylene	ND	16.0	--	ND	69.5	--	U
75-25-2	Bromoform	ND	8.01	--	ND	82.8	--	U
100-42-5	Styrene	ND	8.01	--	ND	34.1	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2560983-01D	Date Collected	: 09/26/25 10:05
Client ID	: SVE-INF-01_20250926	Date Received	: 09/26/25
Sample Location	: 1885 ATLANTIC AVE, BROOKLYN, NY	Date Analyzed	: 09/29/25 22:33
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 40.06
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441224	Instrument ID	: AIRPIANO4
Sample Amount	: 6.24 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	8.01	--	ND	55.0	--	U
95-47-6	o-Xylene	ND	8.01	--	ND	34.8	--	U
622-96-8	4-Ethyltoluene	ND	8.01	--	ND	39.4	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	8.01	--	ND	39.4	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	8.01	--	ND	39.4	--	U
100-44-7	Benzyl chloride	ND	8.01	--	ND	41.5	--	U
541-73-1	1,3-Dichlorobenzene	ND	8.01	--	ND	48.2	--	U
106-46-7	1,4-Dichlorobenzene	ND	8.01	--	ND	48.2	--	U
95-50-1	1,2-Dichlorobenzene	ND	8.01	--	ND	48.2	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	8.01	--	ND	59.5	--	U
91-20-3	Naphthalene	ND	7.61	--	ND	39.9	--	U
87-68-3	Hexachlorobutadiene	ND	8.01	--	ND	85.4	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2560983-02D	Date Collected	: 09/26/25 09:50
Client ID	: SVE-EFF-01_20250926	Date Received	: 09/26/25
Sample Location	: 1885 ATLANTIC AVE, BROOKLYN, NY	Date Analyzed	: 09/29/25 23:10
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441225	Instrument ID	: AIRPIANO4
Sample Amount	: 125 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.400	--	ND	1.98	--	U
74-87-3	Chloromethane	ND	0.400	--	ND	0.826	--	U
76-14-2	Freon-114	ND	0.400	--	ND	2.80	--	U
75-01-4	Vinyl chloride	ND	0.400	--	ND	1.02	--	U
106-99-0	1,3-Butadiene	ND	0.400	--	ND	0.885	--	U
74-83-9	Bromomethane	ND	0.400	--	ND	1.55	--	U
75-00-3	Chloroethane	ND	0.400	--	ND	1.06	--	U
64-17-5	Ethanol	ND	10.0	--	ND	18.8	--	U
593-60-2	Vinyl bromide	ND	0.400	--	ND	1.75	--	U
67-64-1	Acetone	76.0	2.00	--	181	4.75	--	
75-69-4	Trichlorofluoromethane	ND	0.400	--	ND	2.25	--	U
67-63-0	Isopropanol	22.7	2.00	--	55.8	4.92	--	
75-35-4	1,1-Dichloroethene	ND	0.400	--	ND	1.59	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.00	--	ND	3.03	--	U
75-09-2	Methylene chloride	ND	1.00	--	ND	3.47	--	U
107-05-1	3-Chloropropene	ND	0.400	--	ND	1.25	--	U
75-15-0	Carbon disulfide	ND	0.400	--	ND	1.25	--	U
76-13-1	Freon-113	ND	0.400	--	ND	3.07	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--	U
75-34-3	1,1-Dichloroethane	ND	0.400	--	ND	1.62	--	U
1634-04-4	Methyl tert butyl ether	ND	0.400	--	ND	1.44	--	U
78-93-3	2-Butanone	2.09	1.00	--	6.16	2.95	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--	U
141-78-6	Ethyl Acetate	ND	1.00	--	ND	3.60	--	U
67-66-3	Chloroform	ND	0.400	--	ND	1.95	--	U
109-99-9	Tetrahydrofuran	16.2	1.00	--	47.8	2.95	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2560983-02D	Date Collected	: 09/26/25 09:50
Client ID	: SVE-EFF-01_20250926	Date Received	: 09/26/25
Sample Location	: 1885 ATLANTIC AVE, BROOKLYN, NY	Date Analyzed	: 09/29/25 23:10
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441225	Instrument ID	: AIRPIANO4
Sample Amount	: 125 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.400	--	ND	1.62	--	U
110-54-3	n-Hexane	15.6	0.400	--	55.0	1.41	--	
71-55-6	1,1,1-Trichloroethane	ND	0.400	--	ND	2.18	--	U
71-43-2	Benzene	0.908	0.400	--	2.90	1.28	--	
56-23-5	Carbon tetrachloride	ND	0.400	--	ND	2.52	--	U
110-82-7	Cyclohexane	4.19	0.400	--	14.4	1.38	--	
78-87-5	1,2-Dichloropropane	ND	0.400	--	ND	1.85	--	U
75-27-4	Bromodichloromethane	ND	0.400	--	ND	2.68	--	U
123-91-1	1,4-Dioxane	ND	0.400	--	ND	1.44	--	U
79-01-6	Trichloroethene	ND	0.400	--	ND	2.15	--	U
540-84-1	2,2,4-Trimethylpentane	142	0.400	--	663	1.87	--	
142-82-5	Heptane	5.50	0.400	--	22.5	1.64	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--	U
108-88-3	Toluene	2.12	0.400	--	7.99	1.51	--	
591-78-6	2-Hexanone	ND	0.400	--	ND	1.64	--	U
124-48-1	Dibromochloromethane	ND	0.400	--	ND	3.41	--	U
106-93-4	1,2-Dibromoethane	ND	0.400	--	ND	3.07	--	U
127-18-4	Tetrachloroethene	1.35	0.400	--	9.15	2.71	--	
108-90-7	Chlorobenzene	ND	0.400	--	ND	1.84	--	U
100-41-4	Ethylbenzene	0.688	0.400	--	2.99	1.74	--	
179601-23-1	p/m-Xylene	12.7	0.800	--	55.2	3.47	--	
75-25-2	Bromoform	ND	0.400	--	ND	4.14	--	U
100-42-5	Styrene	0.768	0.400	--	3.27	1.70	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2560983-02D	Date Collected	: 09/26/25 09:50
Client ID	: SVE-EFF-01_20250926	Date Received	: 09/26/25
Sample Location	: 1885 ATLANTIC AVE, BROOKLYN, NY	Date Analyzed	: 09/29/25 23:10
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441225	Instrument ID	: AIRPIANO4
Sample Amount	: 125 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--	U
95-47-6	o-Xylene	5.52	0.400	--	24.0	1.74	--	
622-96-8	4-Ethyltoluene	0.744	0.400	--	3.66	1.97	--	
108-67-8	1,3,5-Trimethylbenzene	2.76	0.400	--	13.6	1.97	--	
95-63-6	1,2,4-Trimethylbenzene	1.18	0.400	--	5.80	1.97	--	
100-44-7	Benzyl chloride	ND	0.400	--	ND	2.07	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--	U
91-20-3	Naphthalene	ND	0.380	--	ND	1.99	--	U
87-68-3	Hexachlorobutadiene	ND	0.400	--	ND	4.27	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2560983-03D	Date Collected	: 09/26/25 12:10
Client ID	: SVE-INF-02_20250926	Date Received	: 09/26/25
Sample Location	: 1885 ATLANTIC AVE, BROOKLYN, NY	Date Analyzed	: 09/29/25 23:48
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 25.05
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441226	Instrument ID	: AIRPIANO4
Sample Amount	: 9.98 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	5.01	--	ND	24.8	--	U
74-87-3	Chloromethane	ND	5.01	--	ND	10.3	--	U
76-14-2	Freon-114	ND	5.01	--	ND	35.0	--	U
75-01-4	Vinyl chloride	ND	5.01	--	ND	12.8	--	U
106-99-0	1,3-Butadiene	ND	5.01	--	ND	11.1	--	U
74-83-9	Bromomethane	ND	5.01	--	ND	19.5	--	U
75-00-3	Chloroethane	ND	5.01	--	ND	13.2	--	U
64-17-5	Ethanol	151	125	--	285	236	--	
593-60-2	Vinyl bromide	ND	5.01	--	ND	21.9	--	U
67-64-1	Acetone	ND	25.0	--	ND	59.4	--	U
75-69-4	Trichlorofluoromethane	ND	5.01	--	ND	28.2	--	U
67-63-0	Isopropanol	578	25.0	--	1420	61.5	--	
75-35-4	1,1-Dichloroethene	ND	5.01	--	ND	19.9	--	U
75-65-0	Tertiary butyl Alcohol	ND	12.5	--	ND	37.9	--	U
75-09-2	Methylene chloride	28.3	12.5	--	98.3	43.4	--	
107-05-1	3-Chloropropene	ND	5.01	--	ND	15.7	--	U
75-15-0	Carbon disulfide	ND	5.01	--	ND	15.6	--	U
76-13-1	Freon-113	ND	5.01	--	ND	38.4	--	U
156-60-5	trans-1,2-Dichloroethene	ND	5.01	--	ND	19.9	--	U
75-34-3	1,1-Dichloroethane	ND	5.01	--	ND	20.3	--	U
1634-04-4	Methyl tert butyl ether	ND	5.01	--	ND	18.1	--	U
78-93-3	2-Butanone	ND	12.5	--	ND	36.9	--	U
156-59-2	cis-1,2-Dichloroethene	ND	5.01	--	ND	19.9	--	U
141-78-6	Ethyl Acetate	ND	12.5	--	ND	45.0	--	U
67-66-3	Chloroform	ND	5.01	--	ND	24.5	--	U
109-99-9	Tetrahydrofuran	32.3	12.5	--	95.3	36.9	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2560983-03D	Date Collected	: 09/26/25 12:10
Client ID	: SVE-INF-02_20250926	Date Received	: 09/26/25
Sample Location	: 1885 ATLANTIC AVE, BROOKLYN, NY	Date Analyzed	: 09/29/25 23:48
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 25.05
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441226	Instrument ID	: AIRPIANO4
Sample Amount	: 9.98 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	5.01	--	ND	20.3	--	U
110-54-3	n-Hexane	463	5.01	--	1630	17.7	--	
71-55-6	1,1,1-Trichloroethane	ND	5.01	--	ND	27.3	--	U
71-43-2	Benzene	16.2	5.01	--	51.8	16.0	--	
56-23-5	Carbon tetrachloride	ND	5.01	--	ND	31.5	--	U
110-82-7	Cyclohexane	97.8	5.01	--	337	17.2	--	
78-87-5	1,2-Dichloropropane	ND	5.01	--	ND	23.2	--	U
75-27-4	Bromodichloromethane	ND	5.01	--	ND	33.6	--	U
123-91-1	1,4-Dioxane	ND	5.01	--	ND	18.1	--	U
79-01-6	Trichloroethene	ND	5.01	--	ND	26.9	--	U
540-84-1	2,2,4-Trimethylpentane	1670	5.01	--	7800	23.4	--	
142-82-5	Heptane	126	5.01	--	516	20.5	--	
10061-01-5	cis-1,3-Dichloropropene	ND	5.01	--	ND	22.7	--	U
108-10-1	4-Methyl-2-pentanone	ND	12.5	--	ND	51.2	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	5.01	--	ND	22.7	--	U
79-00-5	1,1,2-Trichloroethane	ND	5.01	--	ND	27.3	--	U
108-88-3	Toluene	26.2	5.01	--	98.7	18.9	--	
591-78-6	2-Hexanone	ND	5.01	--	ND	20.5	--	U
124-48-1	Dibromochloromethane	ND	5.01	--	ND	42.7	--	U
106-93-4	1,2-Dibromoethane	ND	5.01	--	ND	38.5	--	U
127-18-4	Tetrachloroethene	ND	5.01	--	ND	34.0	--	U
108-90-7	Chlorobenzene	ND	5.01	--	ND	23.1	--	U
100-41-4	Ethylbenzene	ND	5.01	--	ND	21.8	--	U
179601-23-1	p/m-Xylene	142	10.0	--	617	43.4	--	
75-25-2	Bromoform	ND	5.01	--	ND	51.8	--	U
100-42-5	Styrene	ND	5.01	--	ND	21.3	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2560983-03D	Date Collected	: 09/26/25 12:10
Client ID	: SVE-INF-02_20250926	Date Received	: 09/26/25
Sample Location	: 1885 ATLANTIC AVE, BROOKLYN, NY	Date Analyzed	: 09/29/25 23:48
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 25.05
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441226	Instrument ID	: AIRPIANO4
Sample Amount	: 9.98 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.01	--	ND	34.4	--	U
95-47-6	o-Xylene	65.8	5.01	--	286	21.8	--	
622-96-8	4-Ethyltoluene	9.29	5.01	--	45.7	24.6	--	
108-67-8	1,3,5-Trimethylbenzene	42.6	5.01	--	209	24.6	--	
95-63-6	1,2,4-Trimethylbenzene	10.5	5.01	--	51.6	24.6	--	
100-44-7	Benzyl chloride	ND	5.01	--	ND	25.9	--	U
541-73-1	1,3-Dichlorobenzene	ND	5.01	--	ND	30.1	--	U
106-46-7	1,4-Dichlorobenzene	ND	5.01	--	ND	30.1	--	U
95-50-1	1,2-Dichlorobenzene	ND	5.01	--	ND	30.1	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.01	--	ND	37.2	--	U
91-20-3	Naphthalene	ND	4.76	--	ND	25.0	--	U
87-68-3	Hexachlorobutadiene	ND	5.01	--	ND	53.4	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2560983-04D	Date Collected	: 09/26/25 12:25
Client ID	: SVE-EFF-02_20250926	Date Received	: 09/26/25
Sample Location	: 1885 ATLANTIC AVE, BROOKLYN, NY	Date Analyzed	: 09/30/25 00:23
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 3.333
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441227	Instrument ID	: AIRPIANO4
Sample Amount	: 75.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.667	--	ND	3.30	--	U
74-87-3	Chloromethane	ND	0.667	--	ND	1.38	--	U
76-14-2	Freon-114	ND	0.667	--	ND	4.66	--	U
75-01-4	Vinyl chloride	ND	0.667	--	ND	1.71	--	U
106-99-0	1,3-Butadiene	ND	0.667	--	ND	1.48	--	U
74-83-9	Bromomethane	ND	0.667	--	ND	2.59	--	U
75-00-3	Chloroethane	ND	0.667	--	ND	1.76	--	U
64-17-5	Ethanol	17.7	16.7	--	33.4	31.5	--	
593-60-2	Vinyl bromide	ND	0.667	--	ND	2.92	--	U
67-64-1	Acetone	167	3.33	--	397	7.91	--	
75-69-4	Trichlorofluoromethane	ND	0.667	--	ND	3.75	--	U
67-63-0	Isopropanol	102	3.33	--	251	8.19	--	
75-35-4	1,1-Dichloroethene	ND	0.667	--	ND	2.64	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.67	--	ND	5.06	--	U
75-09-2	Methylene chloride	58.5	1.67	--	203	5.80	--	
107-05-1	3-Chloropropene	ND	0.667	--	ND	2.09	--	U
75-15-0	Carbon disulfide	1.10	0.667	--	3.43	2.08	--	
76-13-1	Freon-113	ND	0.667	--	ND	5.11	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--	U
75-34-3	1,1-Dichloroethane	ND	0.667	--	ND	2.70	--	U
1634-04-4	Methyl tert butyl ether	ND	0.667	--	ND	2.40	--	U
78-93-3	2-Butanone	5.09	1.67	--	15.0	4.93	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--	U
141-78-6	Ethyl Acetate	ND	1.67	--	ND	6.02	--	U
67-66-3	Chloroform	ND	0.667	--	ND	3.26	--	U
109-99-9	Tetrahydrofuran	24.9	1.67	--	73.4	4.93	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2560983-04D	Date Collected	: 09/26/25 12:25
Client ID	: SVE-EFF-02_20250926	Date Received	: 09/26/25
Sample Location	: 1885 ATLANTIC AVE, BROOKLYN, NY	Date Analyzed	: 09/30/25 00:23
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 3.333
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441227	Instrument ID	: AIRPIANO4
Sample Amount	: 75.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.667	--	ND	2.70	--	U
110-54-3	n-Hexane	58.9	0.667	--	208	2.35	--	
71-55-6	1,1,1-Trichloroethane	ND	0.667	--	ND	3.64	--	U
71-43-2	Benzene	8.67	0.667	--	27.7	2.13	--	
56-23-5	Carbon tetrachloride	ND	0.667	--	ND	4.20	--	U
110-82-7	Cyclohexane	13.4	0.667	--	46.1	2.30	--	
78-87-5	1,2-Dichloropropane	ND	0.667	--	ND	3.08	--	U
75-27-4	Bromodichloromethane	ND	0.667	--	ND	4.47	--	U
123-91-1	1,4-Dioxane	ND	0.667	--	ND	2.40	--	U
79-01-6	Trichloroethene	ND	0.667	--	ND	3.58	--	U
540-84-1	2,2,4-Trimethylpentane	211	0.667	--	986	3.12	--	
142-82-5	Heptane	21.2	0.667	--	86.9	2.73	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.67	--	ND	6.84	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.667	--	ND	3.64	--	U
108-88-3	Toluene	6.65	0.667	--	25.1	2.51	--	
591-78-6	2-Hexanone	ND	0.667	--	ND	2.73	--	U
124-48-1	Dibromochloromethane	ND	0.667	--	ND	5.68	--	U
106-93-4	1,2-Dibromoethane	ND	0.667	--	ND	5.13	--	U
127-18-4	Tetrachloroethene	1.67	0.667	--	11.3	4.52	--	
108-90-7	Chlorobenzene	ND	0.667	--	ND	3.07	--	U
100-41-4	Ethylbenzene	1.15	0.667	--	5.00	2.90	--	
179601-23-1	p/m-Xylene	40.1	1.33	--	174	5.78	--	
75-25-2	Bromoform	ND	0.667	--	ND	6.90	--	U
100-42-5	Styrene	1.10	0.667	--	4.68	2.84	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: L2560983-04D	Date Collected	: 09/26/25 12:25
Client ID	: SVE-EFF-02_20250926	Date Received	: 09/26/25
Sample Location	: 1885 ATLANTIC AVE, BROOKLYN, NY	Date Analyzed	: 09/30/25 00:23
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 3.333
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441227	Instrument ID	: AIRPIANO4
Sample Amount	: 75.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.667	--	ND	4.58	--	U
95-47-6	o-Xylene	20.4	0.667	--	88.6	2.90	--	
622-96-8	4-Ethyltoluene	3.71	0.667	--	18.2	3.28	--	
108-67-8	1,3,5-Trimethylbenzene	19.1	0.667	--	93.9	3.28	--	
95-63-6	1,2,4-Trimethylbenzene	4.35	0.667	--	21.4	3.28	--	
100-44-7	Benzyl chloride	ND	0.667	--	ND	3.45	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.667	--	ND	4.01	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.667	--	ND	4.01	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.667	--	ND	4.01	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.667	--	ND	4.95	--	U
91-20-3	Naphthalene	ND	0.633	--	ND	3.32	--	U
87-68-3	Hexachlorobutadiene	ND	0.667	--	ND	7.11	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: WG2121111-4	Date Collected	: NA
Client ID	: WG2121111-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/29/25 16:03
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441214	Instrument ID	: AIRPIANO4
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: WG2121111-4	Date Collected	: NA
Client ID	: WG2121111-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/29/25 16:03
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441214	Instrument ID	: AIRPIANO4
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2560983
Project Name	: 1885 ATLANTIC AVE	Project Number	: 0205125
Lab ID	: WG2121111-4	Date Collected	: NA
Client ID	: WG2121111-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/29/25 16:03
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R441214	Instrument ID	: AIRPIANO4
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441224.D
Acq On : 29 Sep 2025 10:33 PM
Operator : AIRPIANO4:KJD
Sample : L2560983-01D,3,6.24,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:09:22 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.217	49	283717	10.000	ppbV	0.00
Standard Area = 285983			Recovery = 99.21%			
43) 1,4-difluorobenzene	11.440	114	711302	10.000	ppbV	0.00
Standard Area = 711740			Recovery = 99.94%			
67) chlorobenzene-D5	16.100	54	156020	10.000	ppbV	0.03
Standard Area = 145769			Recovery = 107.03%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	4.138	85	2895	0.072	ppbV	95
6) chloromethane	4.306		0	N.D.		
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	4.636		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.350	31	23835	1.713	ppbV	87
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.870	43	25387M6	0.731	ppbV	
21) trichlorofluoromethane	5.990		0	N.D.		
22) isopropyl alcohol	6.167	45	174054	3.920	ppbV	100
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	0.000		0	N.D.	d	
28) methylene chloride	6.828	49	17845	0.737	ppbV	92
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	7.134	76	1910	0.031	ppbV #	5
31) Freon 113	7.122		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	0.000		0	N.D.		
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.	d	
39) chloroform	9.375		0	N.D.		
40) Tetrahydrofuran	9.892	42	8980	0.296	ppbV	97
42) 1,2-dichloroethane	10.217		0	N.D.		
44) hexane	9.292	57	146289	3.714	ppbV #	25

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441224.D
Acq On : 29 Sep 2025 10:33 PM
Operator : AIRPIANO4:KJD
Sample : L2560983-01D,3,6.24,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:09:22 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	10.500		0	N.D.		
50) benzene	11.027	78	11384	0.176	ppbV	97
52) carbon tetrachloride	0.000		0	N.D.		
53) cyclohexane	11.347	56	102675	2.500	ppbV	97
56) 1,2-dichloropropane	0.000		0	N.D. d		
57) bromodichloromethane	0.000		0	N.D. d		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	12.293	57	9731327	78.128	ppbV	99
62) heptane	12.607	43	74416	1.707	ppbV	93
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D. d		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D. d		
68) toluene	14.375	91	19637	0.181	ppbV	96
72) 2-hexanone	0.000		0	N.D. d		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.517	166	3216	0.073	ppbV	92
80) chlorobenzene	0.000		0	N.D. d		
81) ethylbenzene	16.483	91	4742	0.035	ppbV	97
83) m+p-xylene	16.642	91	25783	0.235	ppbV	92
84) bromoform	0.000		0	N.D.		
85) styrene	16.967	104	4328	0.049	ppbV #	88
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D. d		
87) o-xylene	17.067	91	7992	0.074	ppbV	92
96) 4-ethyl toluene	18.133		0	N.D.		
97) 1,3,5-trimethylbenzene	18.200		0	N.D.		
99) 1,2,4-trimethylbenzene	18.550	105	3839M3	0.032	ppbV	
101) Benzyl Chloride	0.000		0	N.D. d		
102) 1,3-dichlorobenzene	0.000		0	N.D.		
103) 1,4-dichlorobenzene	0.000		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
116) naphthalene	20.700		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441224.D
Acq On : 29 Sep 2025 10:33 PM
Operator : AIRPIANO4:KJD
Sample : L2560983-01D,3,6.24,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:09:22 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

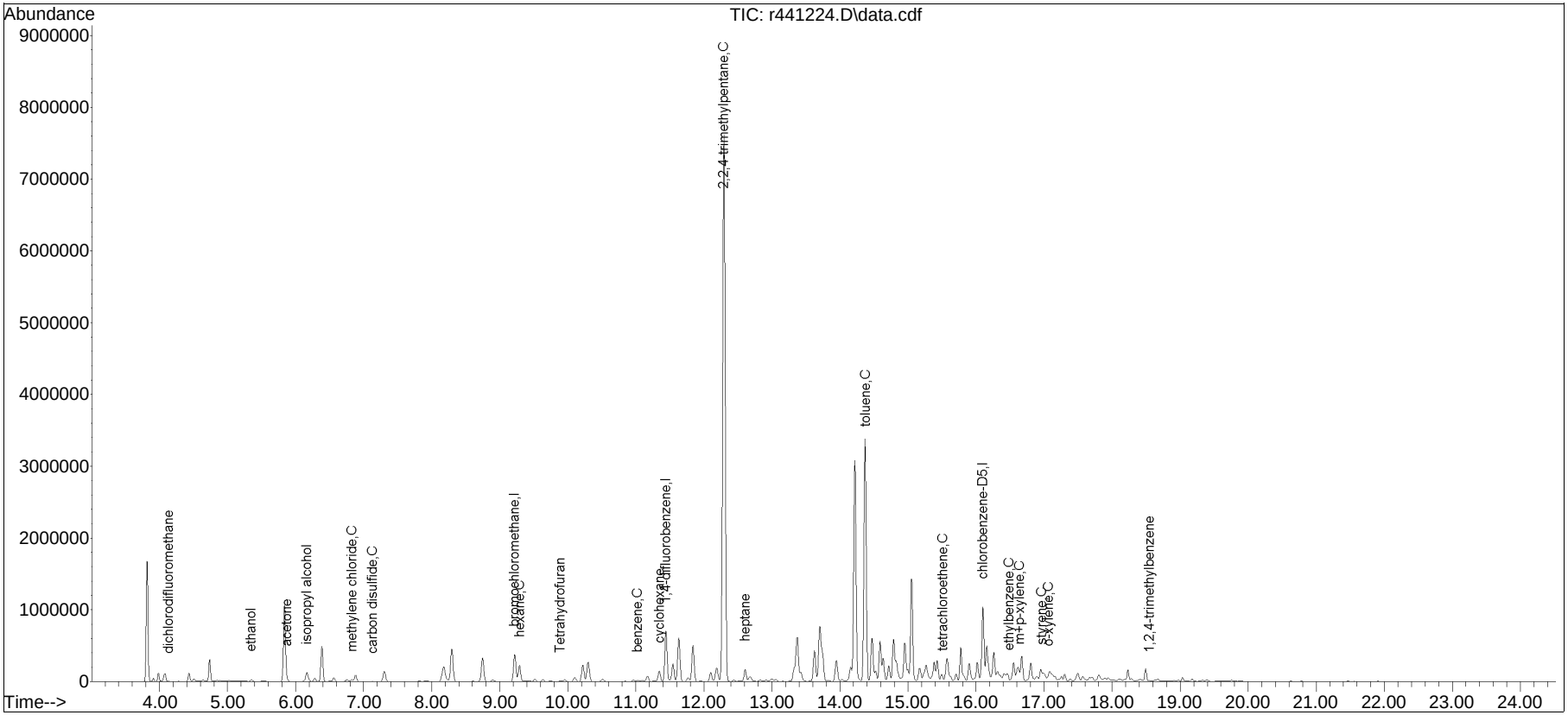
CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : TO15-NY+Naphthalene - .

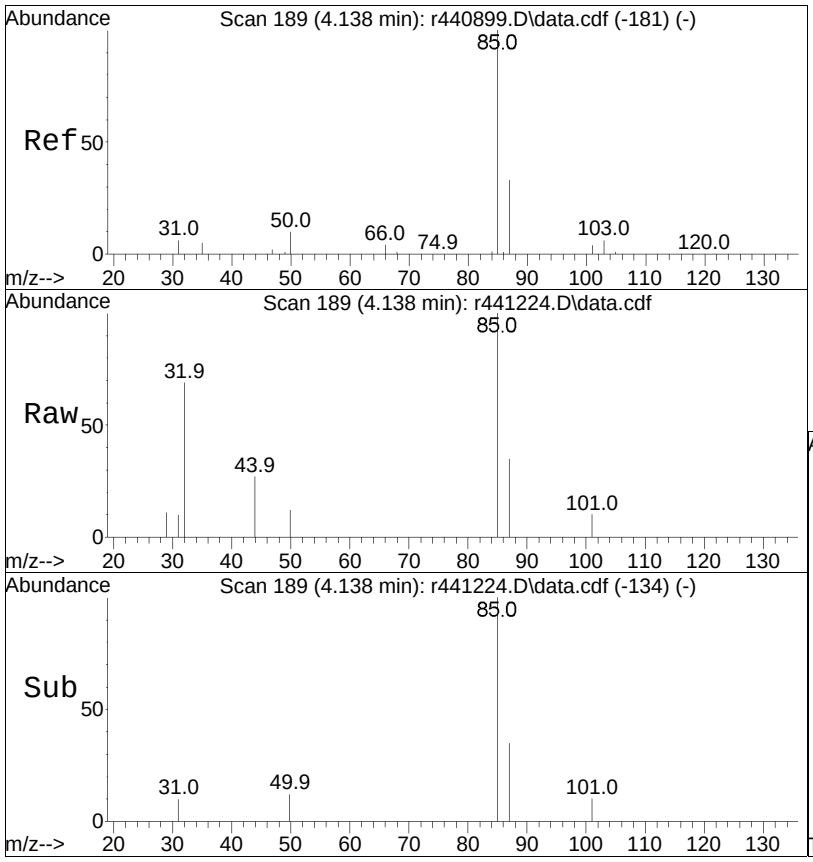
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .4\2025\09\0929T\r441211.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441224.D
Acq On : 29 Sep 2025 10:33 PM
Operator : AIRPIANO4:KJD
Sample : L2560983-01D,3,6.24,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:09:22 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

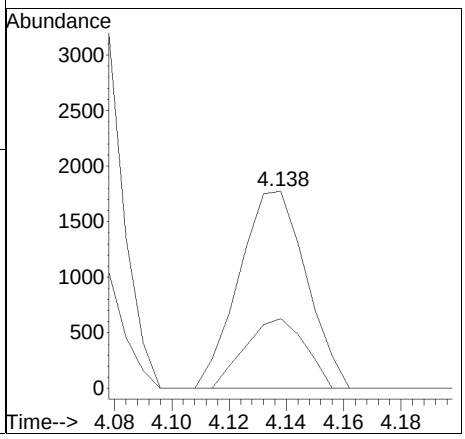


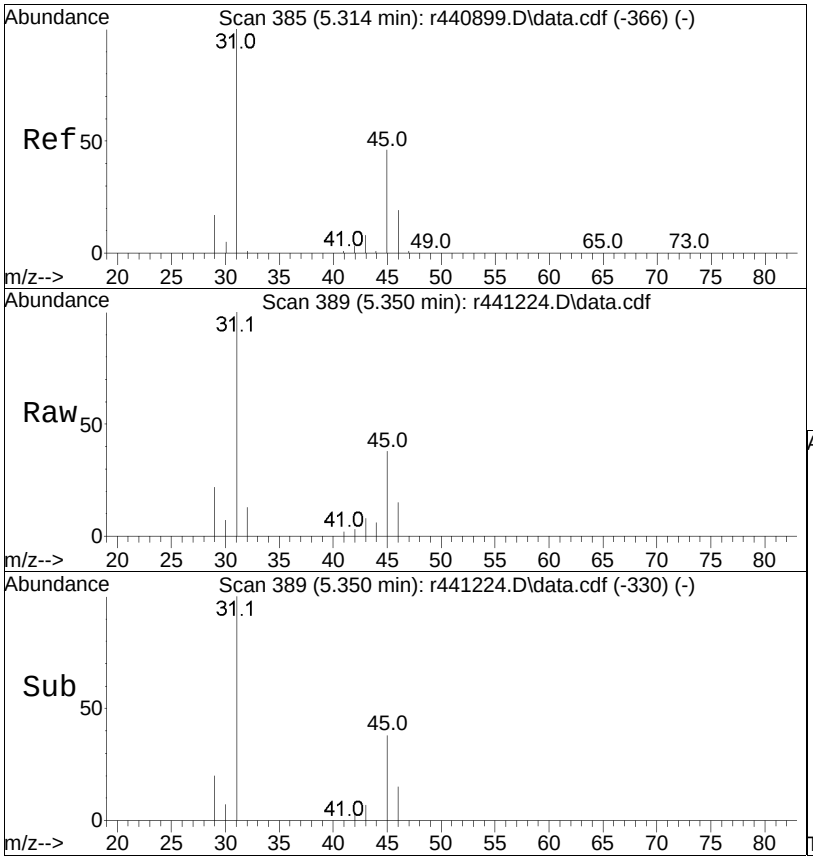


#5
dichlorodifluoromethane
Concen: 0.07 ppbV
RT: 4.138 min Scan# 189
Delta R.T. 0.000 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 85 Resp: 2895

Ion	Ratio	Lower	Upper
85	100		
87	35.4	26.1	39.1

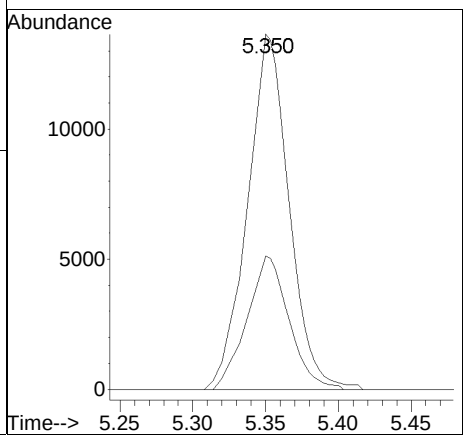


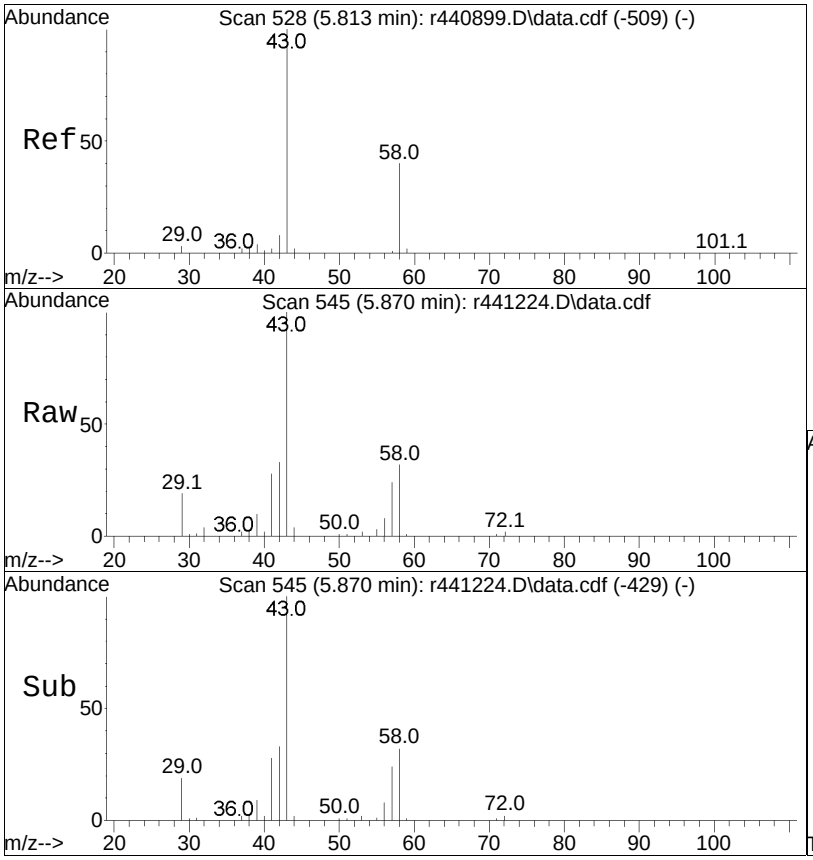


#15
ethanol
Concen: 1.71 ppbV
RT: 5.350 min Scan# 389
Delta R.T. 0.036 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 31 Resp: 23835

Ion	Ratio	Lower	Upper
31	100		
45	37.5	37.1	55.7

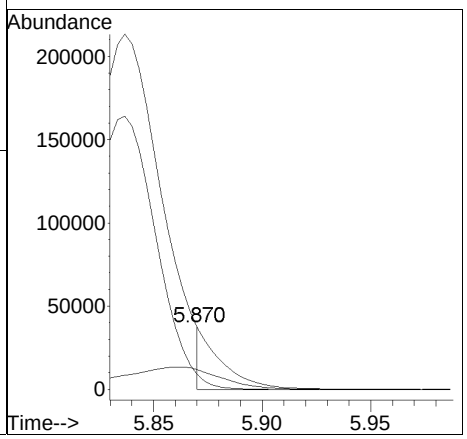


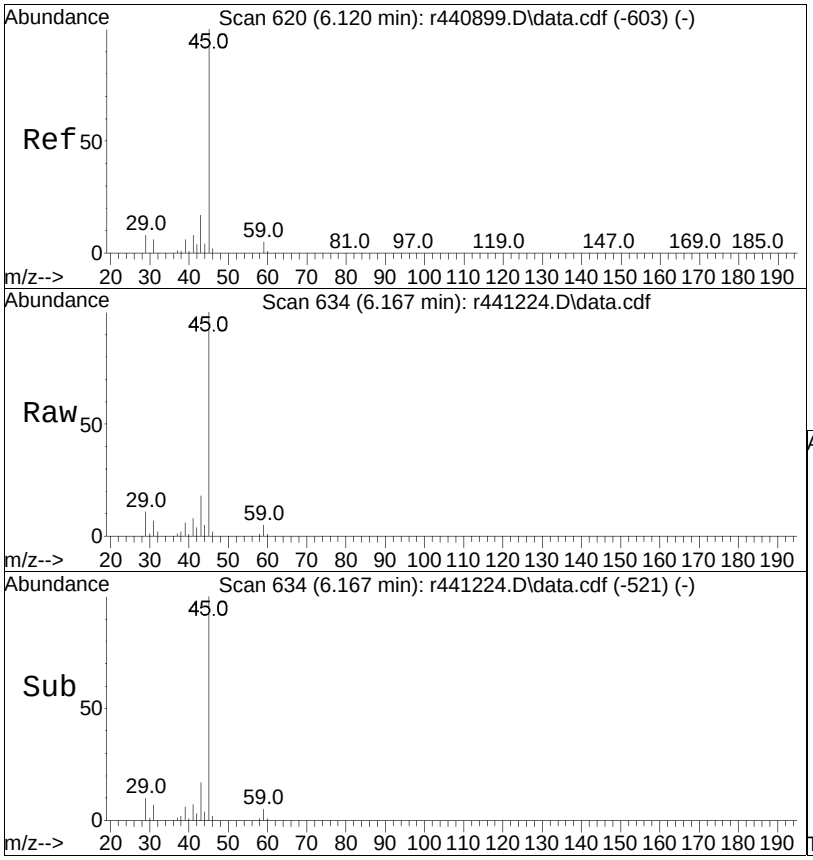


#19
acetone
Concen: 0.73 ppbV m
RT: 5.870 min Scan# 545
Delta R.T. 0.057 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 43 Resp: 25387

Ion	Ratio	Lower	Upper
43	100		
58	32.0	32.2	48.4#
57	24.2	0.9	1.3#

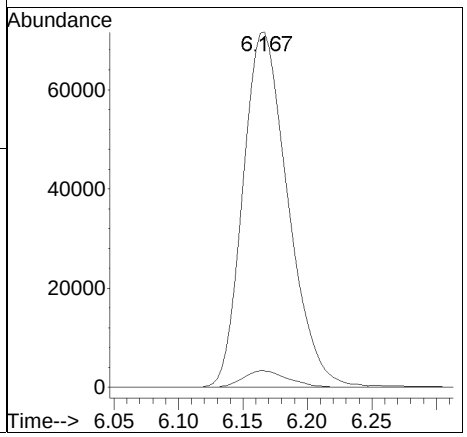


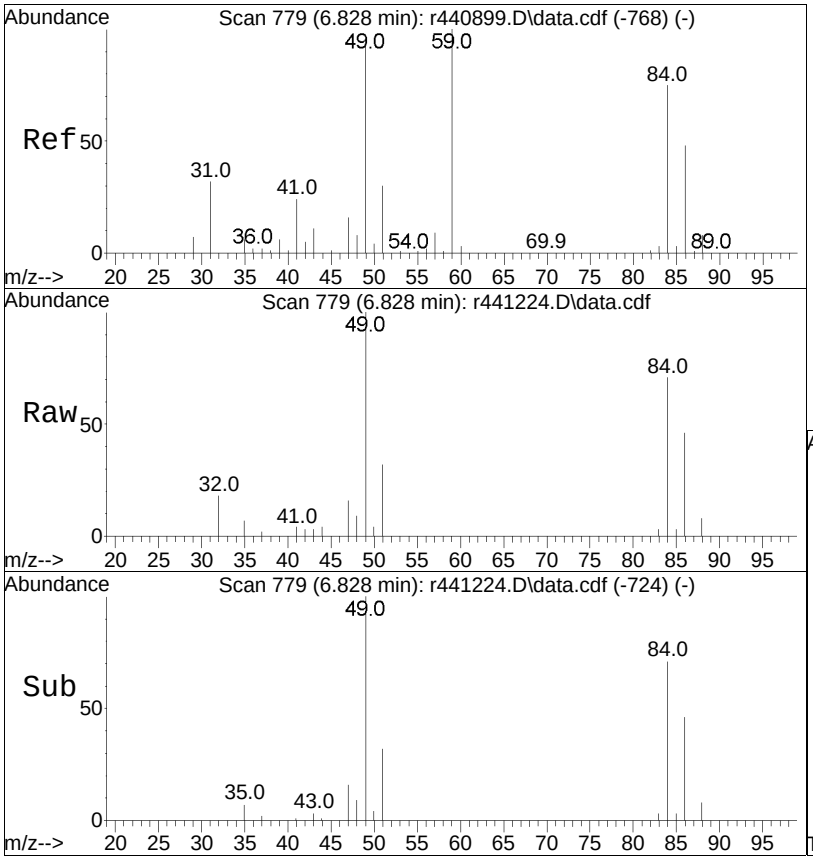


#22
isopropyl alcohol
Concen: 3.92 ppbV
RT: 6.167 min Scan# 634
Delta R.T. 0.047 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 45 Resp: 174054

Ion	Ratio	Lower	Upper
45	100		
59	4.7	3.8	5.6

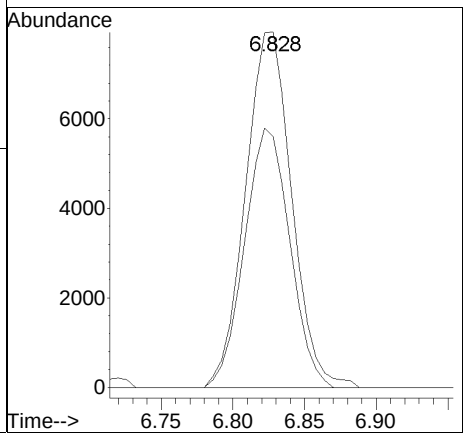


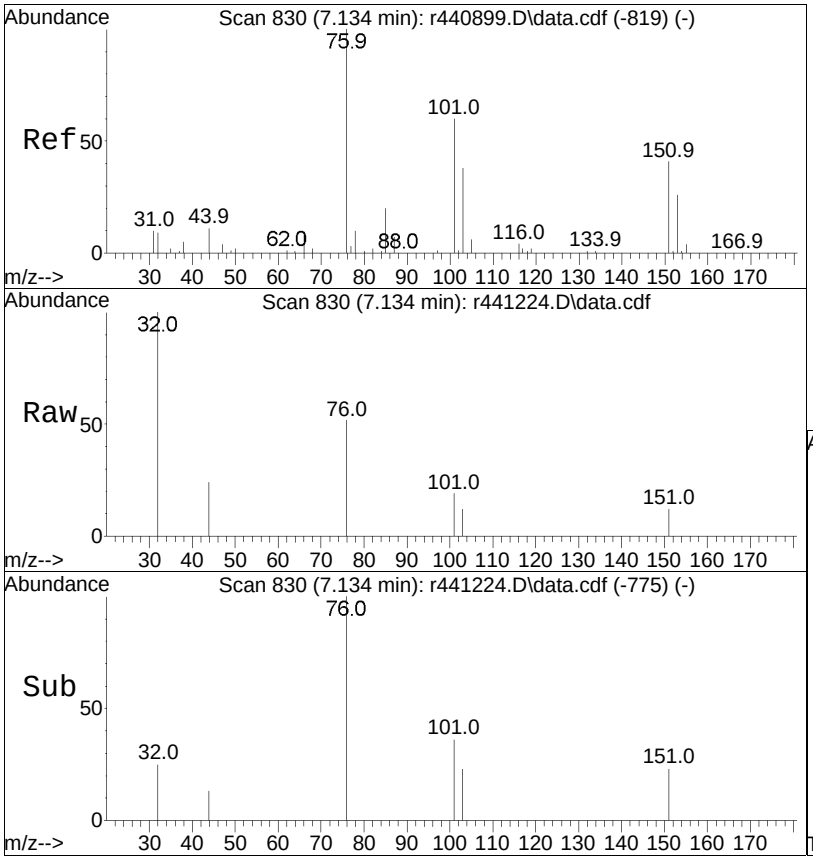


#28
methylene chloride
Concen: 0.74 ppbV
RT: 6.828 min Scan# 779
Delta R.T. 0.000 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 49 Resp: 17845

Ion	Ratio	Lower	Upper
49	100		
84	70.6	62.1	93.1

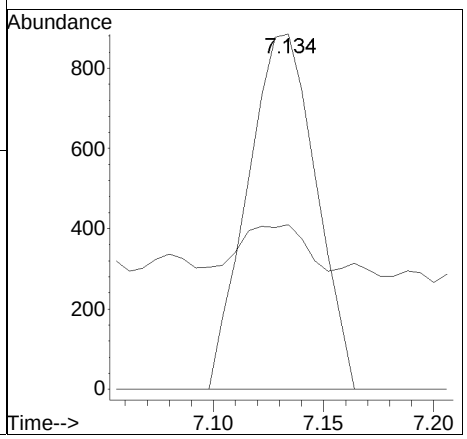


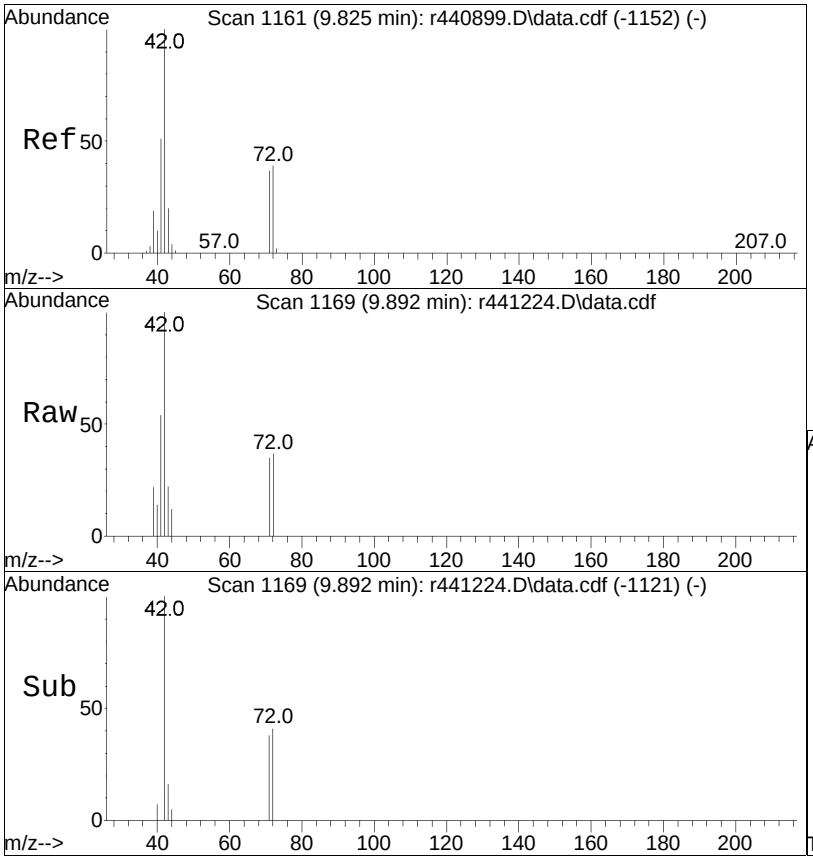


#30
carbon disulfide
Concen: 0.03 ppbV
RT: 7.134 min Scan# 830
Delta R.T. 0.000 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 76 Resp: 1910

Ion	Ratio	Lower	Upper
76	100		
44	46.3	8.6	12.8#

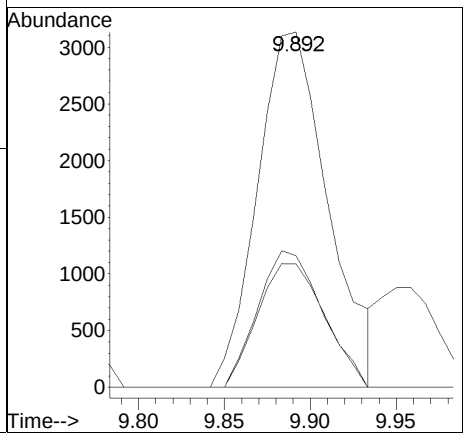


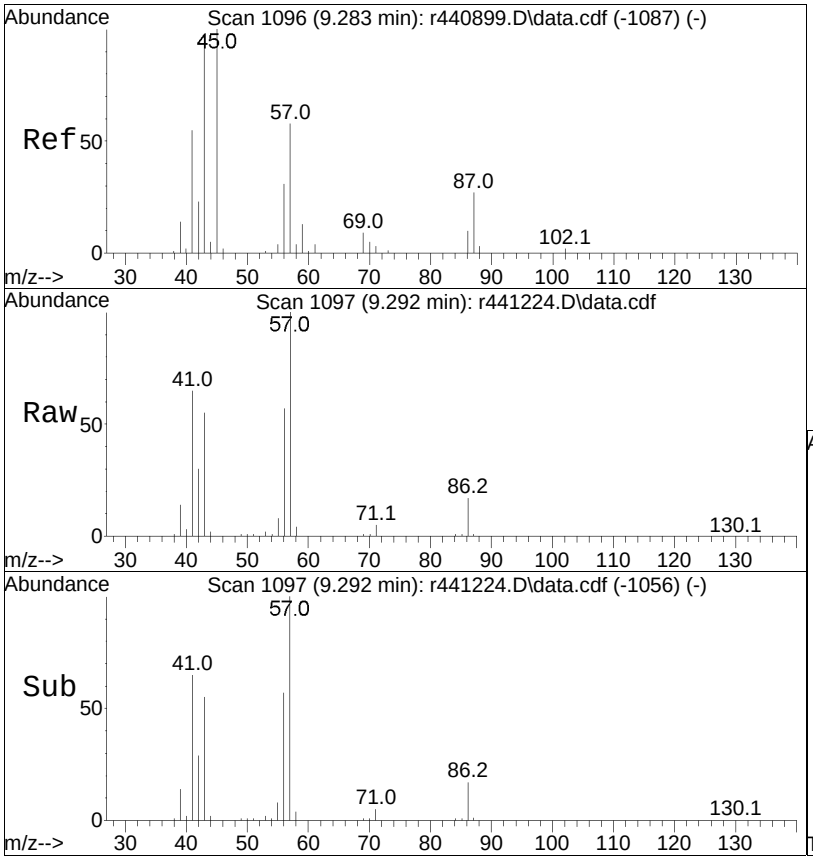


#40
Tetrahydrofuran
Concen: 0.30 ppbV
RT: 9.892 min Scan# 1169
Delta R.T. 0.067 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 42 Resp: 8980

Ion	Ratio	Lower	Upper
42	100		
71	34.7	29.7	44.5
72	37.0	31.1	46.7

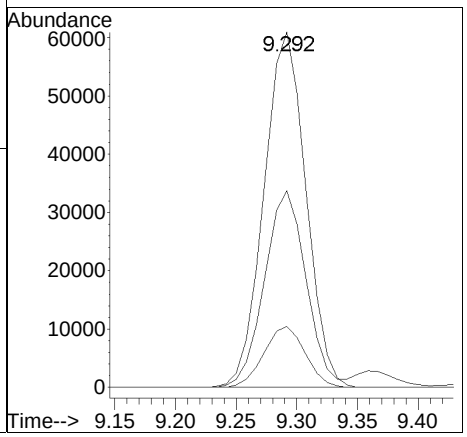


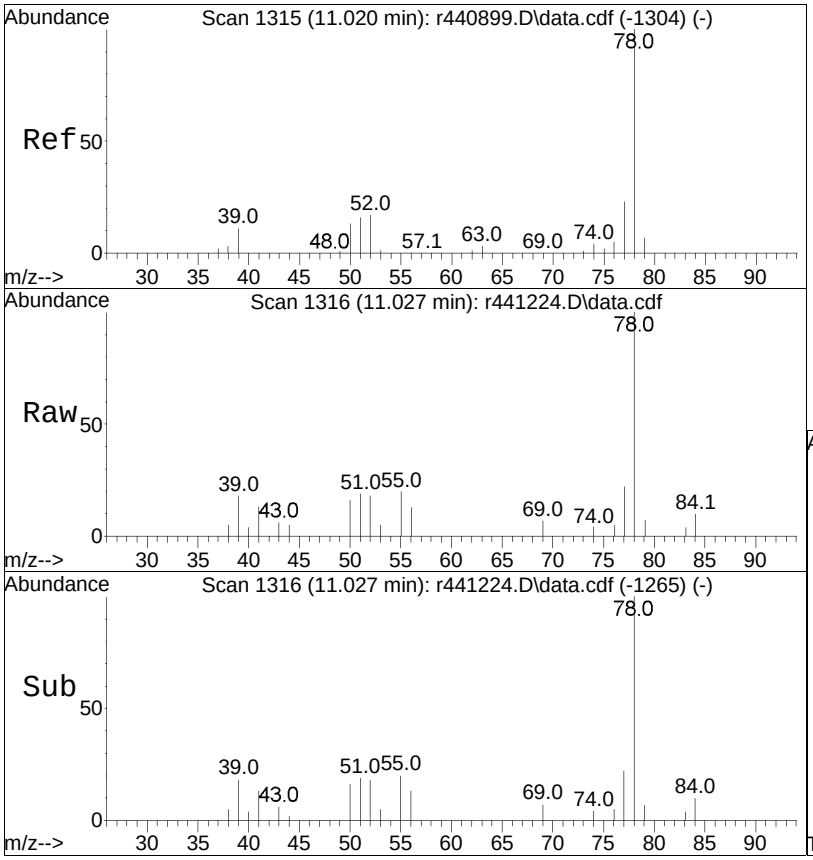


#44
hexane
Concen: 3.71 ppbV
RT: 9.292 min Scan# 1097
Delta R.T. 0.008 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 57 Resp: 146289

Ion	Ratio	Lower	Upper
57	100		
43	55.3	133.6	200.4#
86	17.2	13.8	20.6

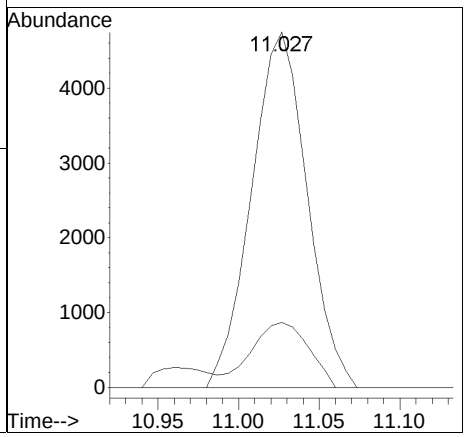


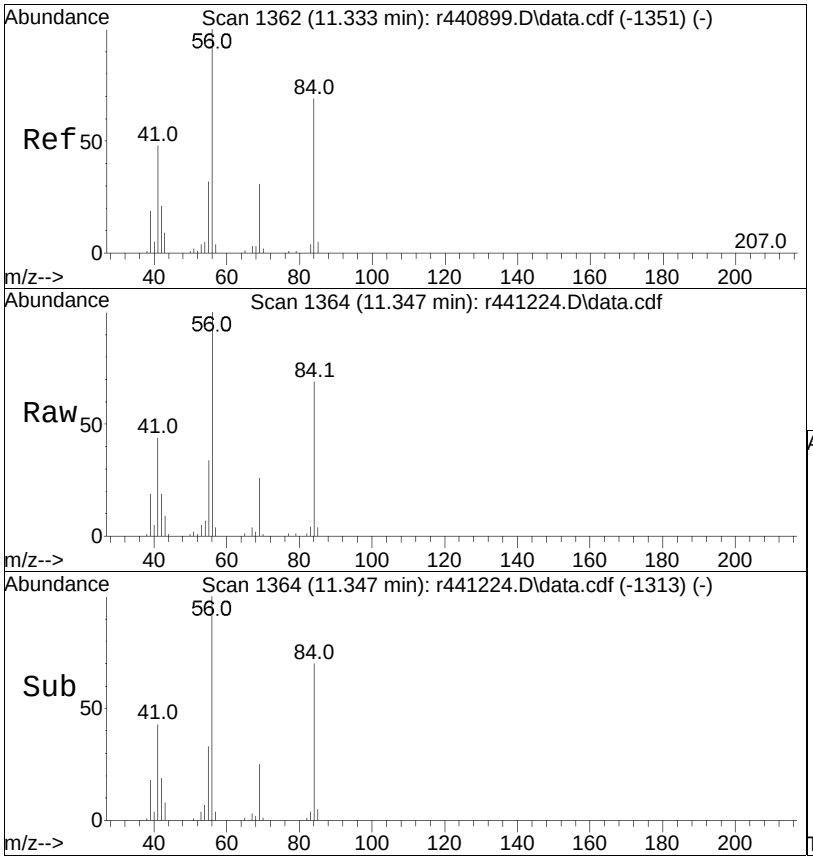


#50
benzene
Concen: 0.18 ppbV
RT: 11.027 min Scan# 1316
Delta R.T. 0.007 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 78 Resp: 11384

Ion	Ratio	Lower	Upper
78	100		
52	18.3	13.5	20.3

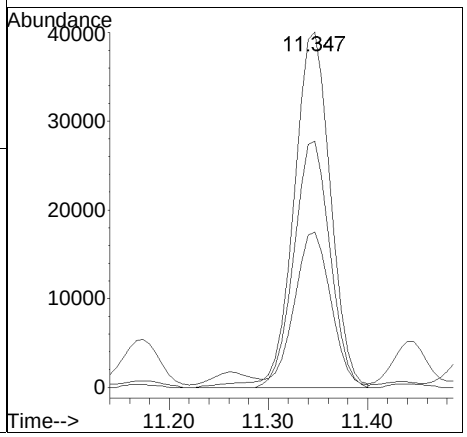


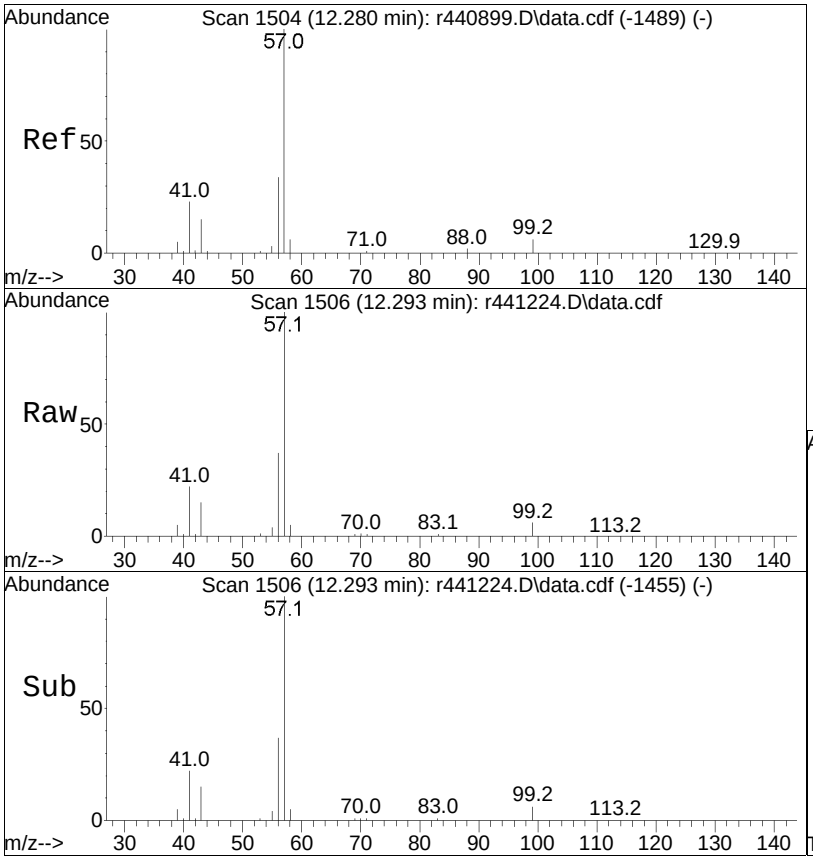


#53
cyclohexane
Concen: 2.50 ppbV
RT: 11.347 min Scan# 1364
Delta R.T. 0.013 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 56 Resp: 102675

Ion	Ratio	Lower	Upper
56	100		
84	69.3	55.5	83.3
41	43.7	38.2	57.4

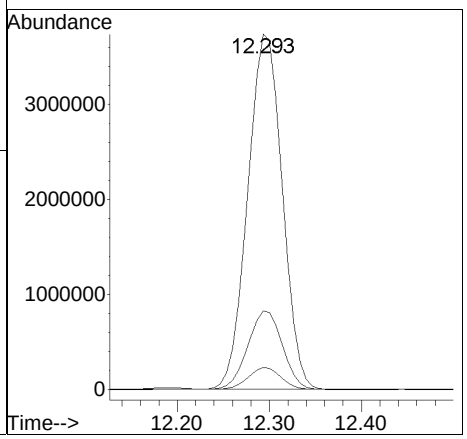


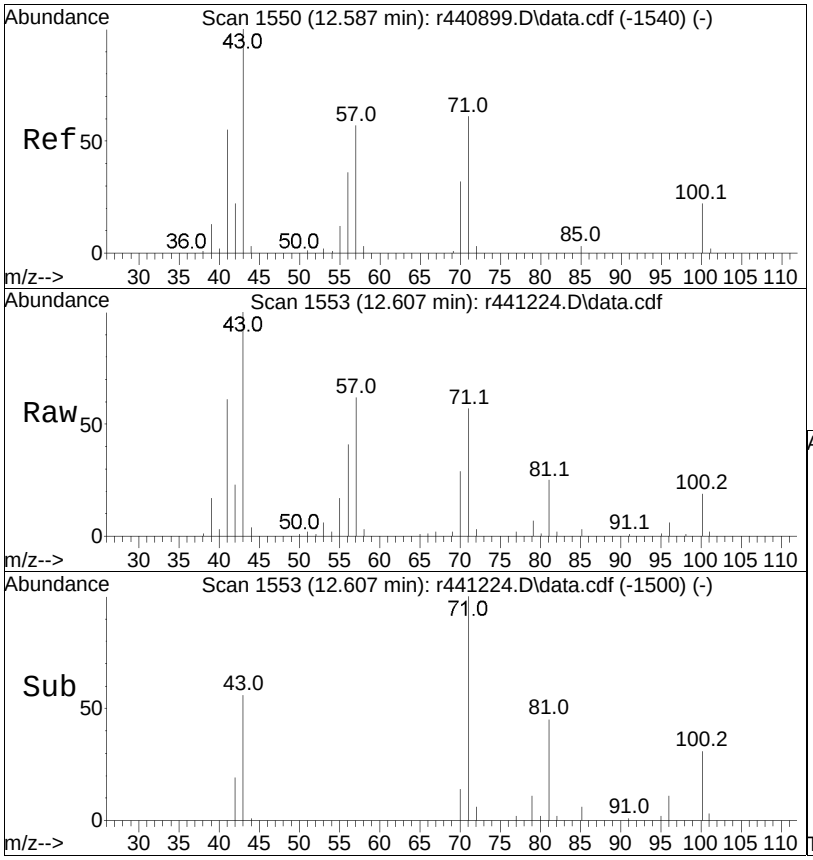


#60
2,2,4-trimethylpentane
Concen: 78.13 ppbV
RT: 12.293 min Scan# 1506
Delta R.T. 0.013 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 57 Resp: 9731327

Ion	Ratio	Lower	Upper
57	100		
99	6.2	4.8	7.2
41	22.1	18.2	27.4

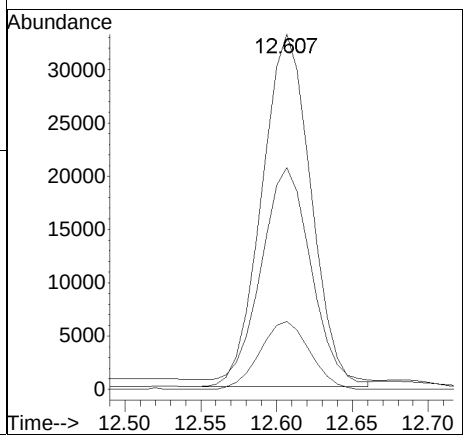


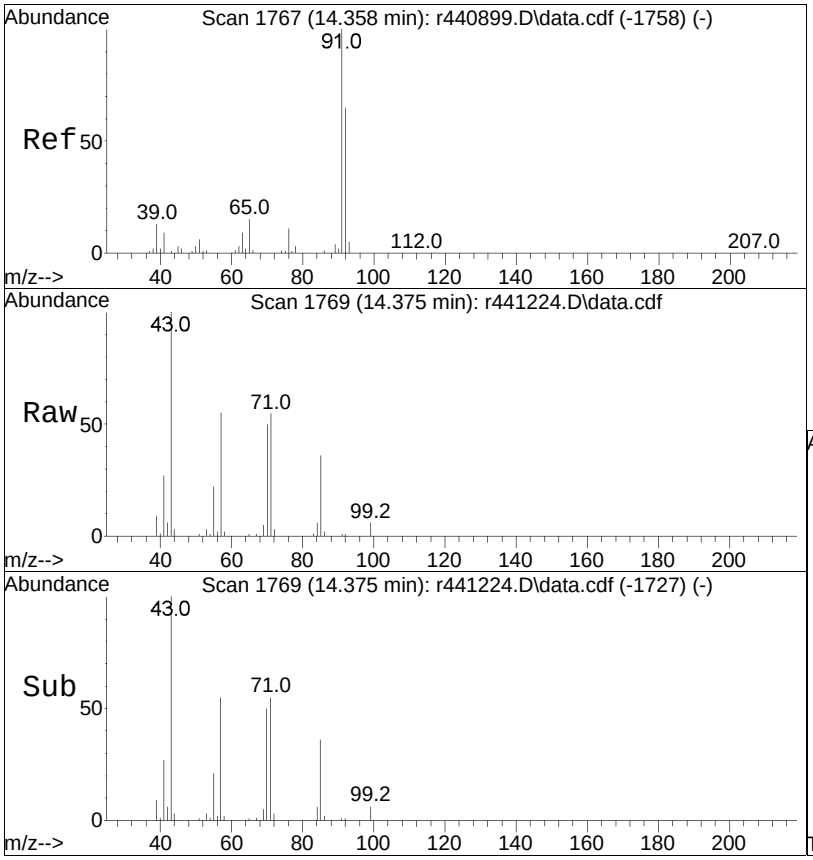


#62
heptane
Concen: 1.71 ppbV
RT: 12.607 min Scan# 1553
Delta R.T. 0.020 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 43 Resp: 74416

Ion	Ratio	Lower	Upper
43	100		
57	62.4	45.8	68.8
100	19.1	17.8	26.6

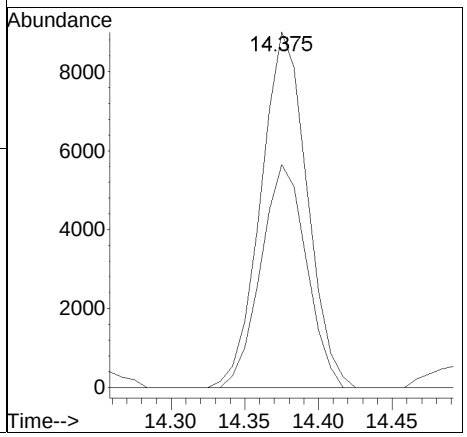


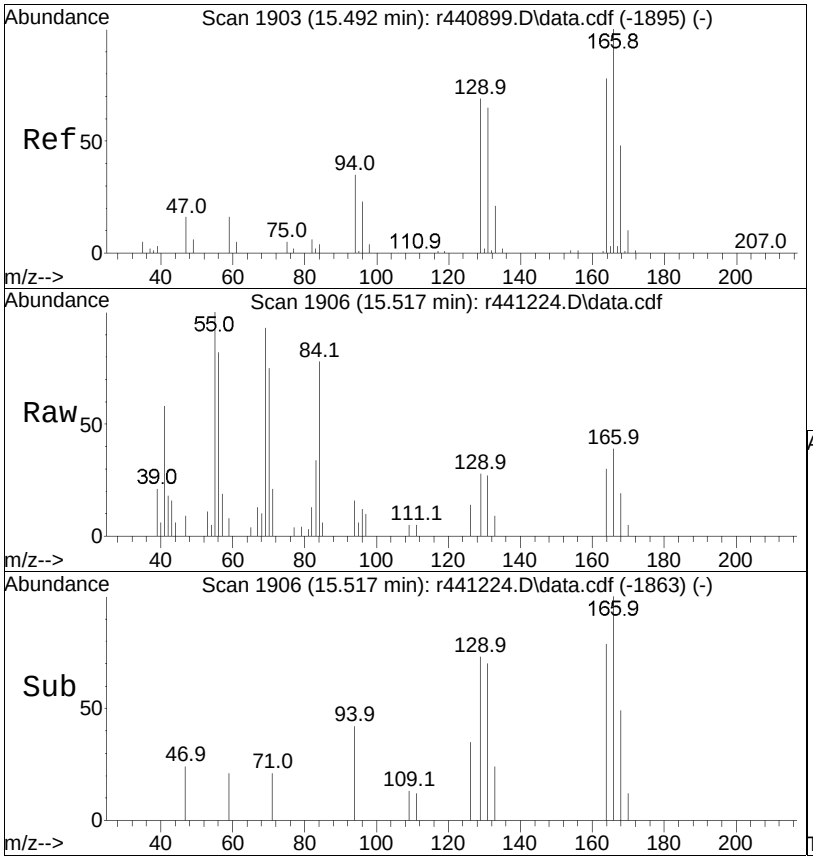


#68
toluene
Concen: 0.18 ppbV
RT: 14.375 min Scan# 1769
Delta R.T. 0.017 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 91 Resp: 19637

Ion	Ratio	Lower	Upper
91	100		
92	62.7	52.4	78.6

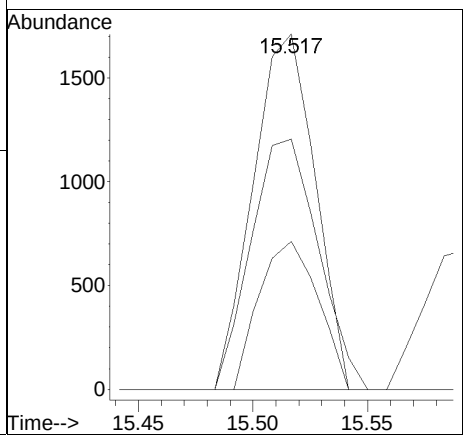


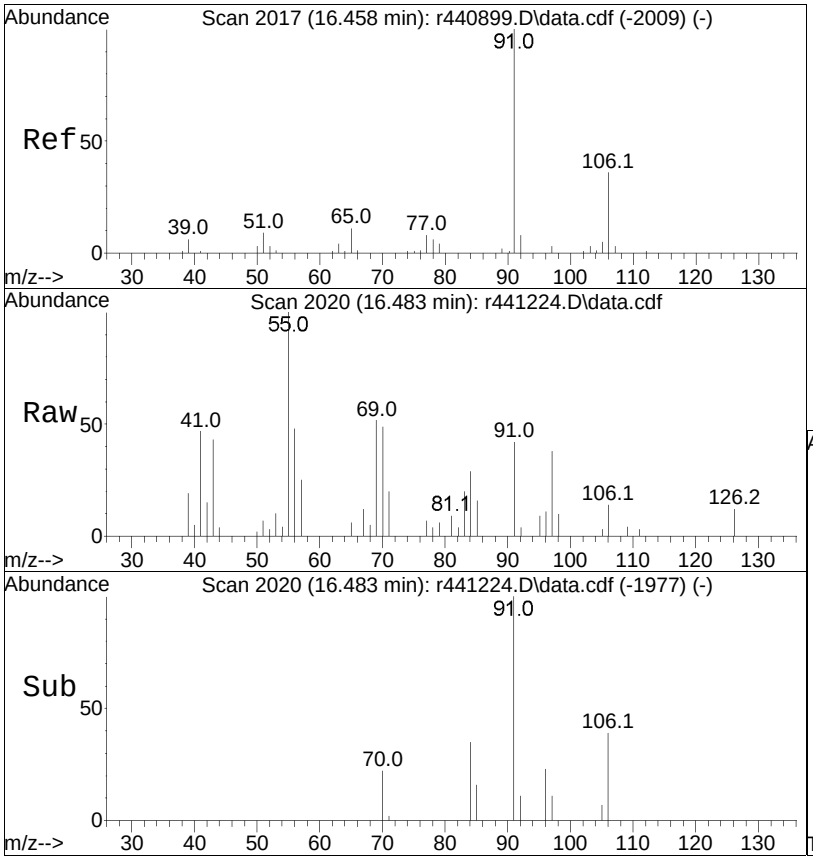


#78
tetrachloroethene
Concen: 0.07 ppbV
RT: 15.517 min Scan# 1906
Delta R.T. 0.025 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion:166 Resp: 3216

Ion	Ratio	Lower	Upper
166	100		
131	70.4	52.1	78.1
94	41.7	28.3	42.5

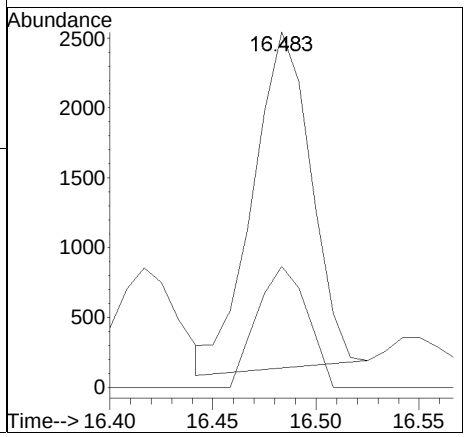


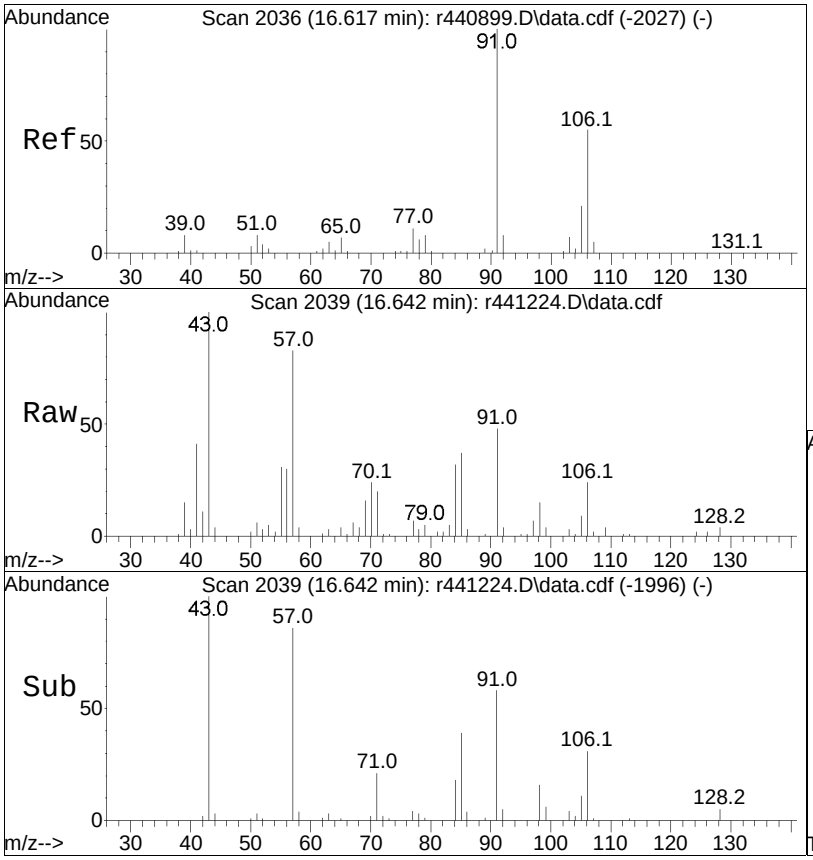


#81
ethylbenzene
Concen: 0.03 ppbV
RT: 16.483 min Scan# 2020
Delta R.T. 0.025 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 91 Resp: 4742

Ion	Ratio	Lower	Upper
91	100		
106	34.1	28.8	43.2

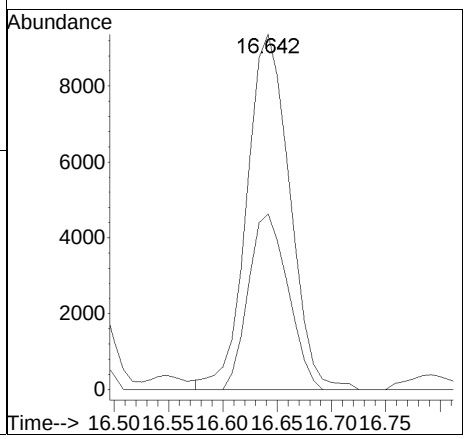


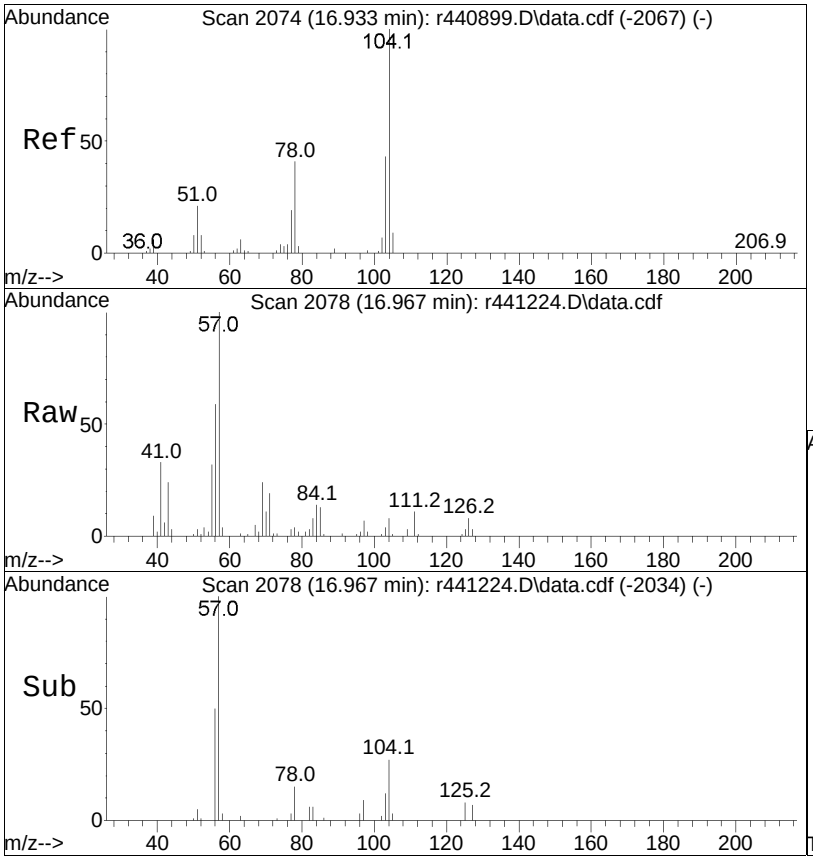


#83
m+p-xylene
Concen: 0.24 ppbV
RT: 16.642 min Scan# 2039
Delta R.T. 0.025 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 91 Resp: 25783

Ion	Ratio	Lower	Upper
91	100		
106	49.4	43.9	65.9

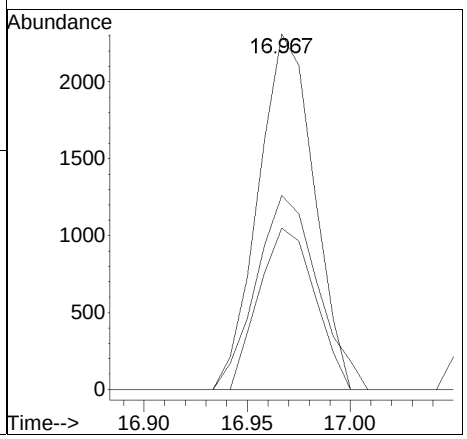


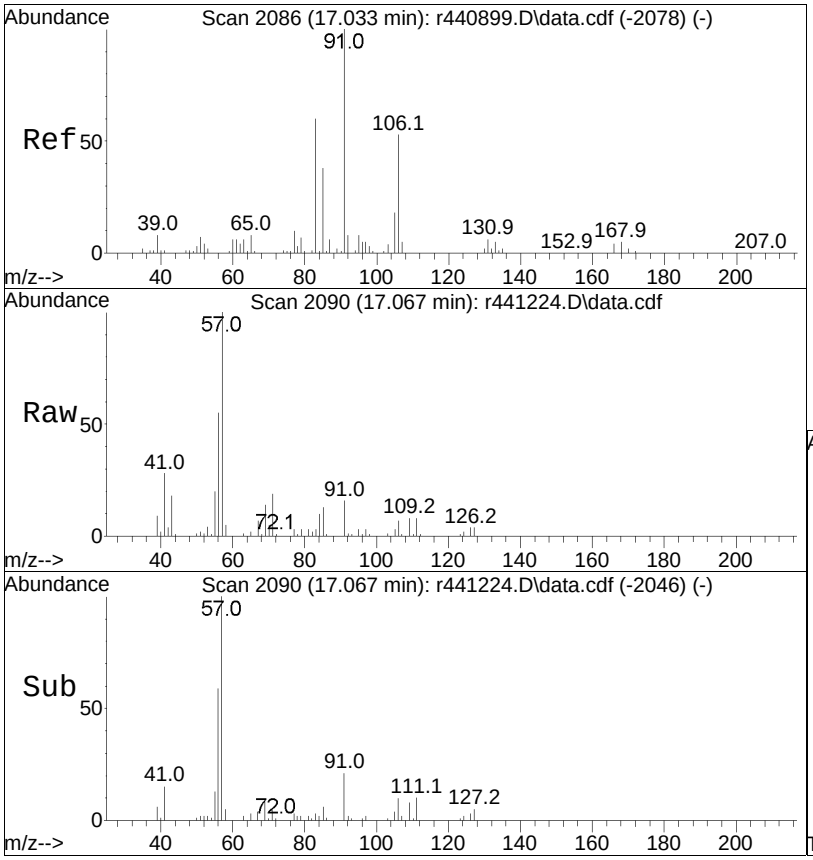


#85
styrene
Concen: 0.05 ppbV
RT: 16.967 min Scan# 2078
Delta R.T. 0.033 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion:104 Resp: 4328

Ion	Ratio	Lower	Upper
104	100		
103	45.4	34.7	52.1
78	54.6	33.1	49.7#

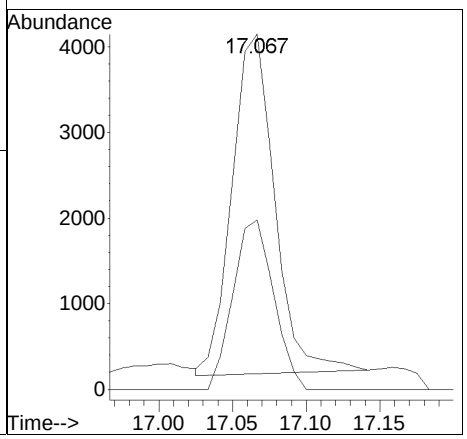


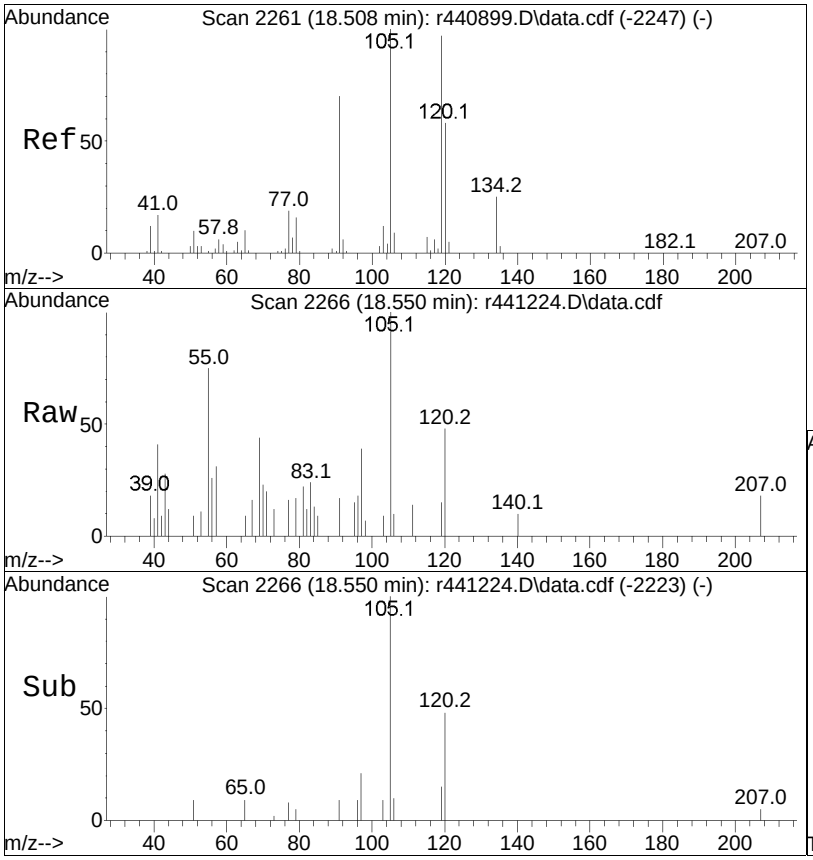


#87
o-xylene
Concen: 0.07 ppbV
RT: 17.067 min Scan# 2090
Delta R.T. 0.033 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion: 91 Resp: 7992

Ion	Ratio	Lower	Upper
91	100		
106	47.7	42.5	63.7

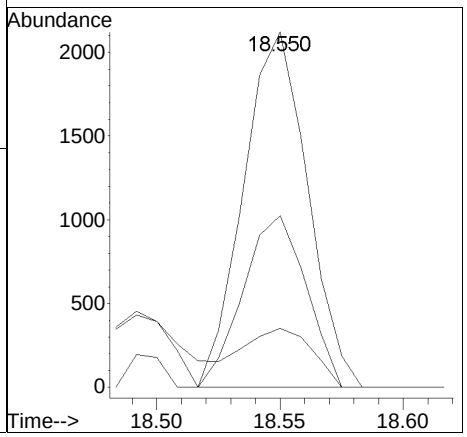




#99
1,2,4-trimethylbenzene
Concen: 0.03 ppbV m
RT: 18.550 min Scan# 2266
Delta R.T. 0.042 min
Lab File: r441224.D
Acq: 29 Sep 2025 10:33 PM

Tgt Ion:105 Resp: 3839

Ion	Ratio	Lower	Upper
105	100		
120	48.3	46.7	70.1
91	16.6	56.3	84.5#

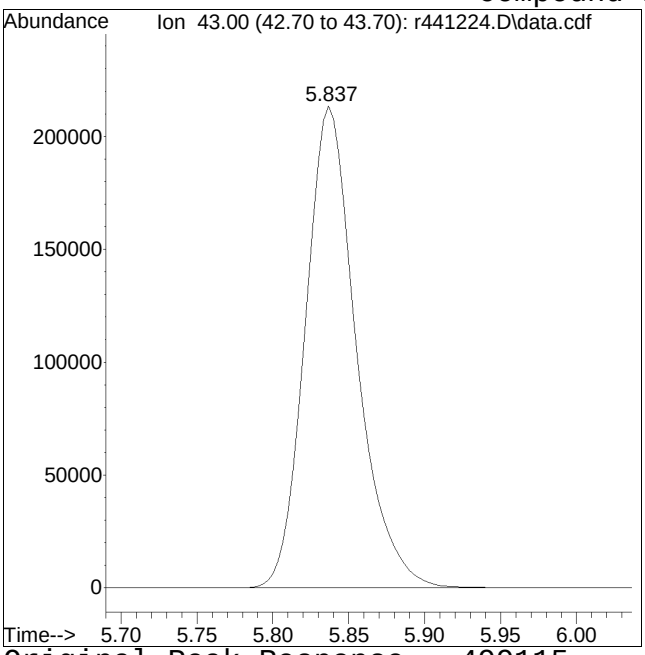


Manual Integration Report

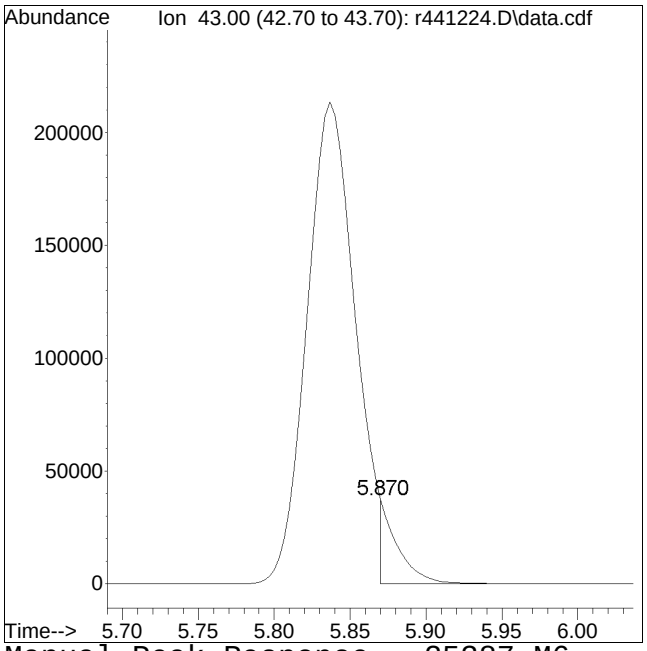
Data Path : X:\Airlab\Data\Airpiano4\2Q
Data File : r441224.D
Date Inj'd : 9/29/2025 10:33 PM
Sample : L2560983-01D,3,6.24,250

Method : TFS4_250911.M
Operator : AIRPIANO4:KJD
Instrument :
Quant Date : 9/30/2025 7:09 am

Compound #19: acetone



Original Peak Response = 499115



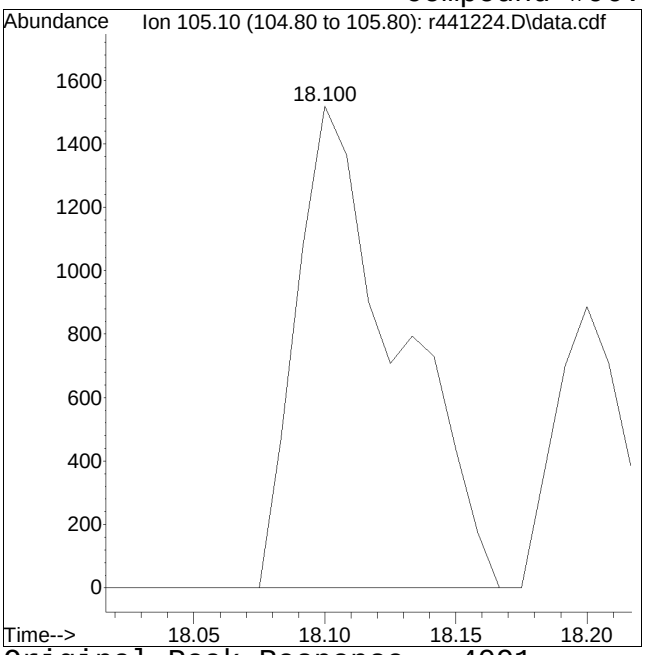
Manual Peak Response = 25387 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

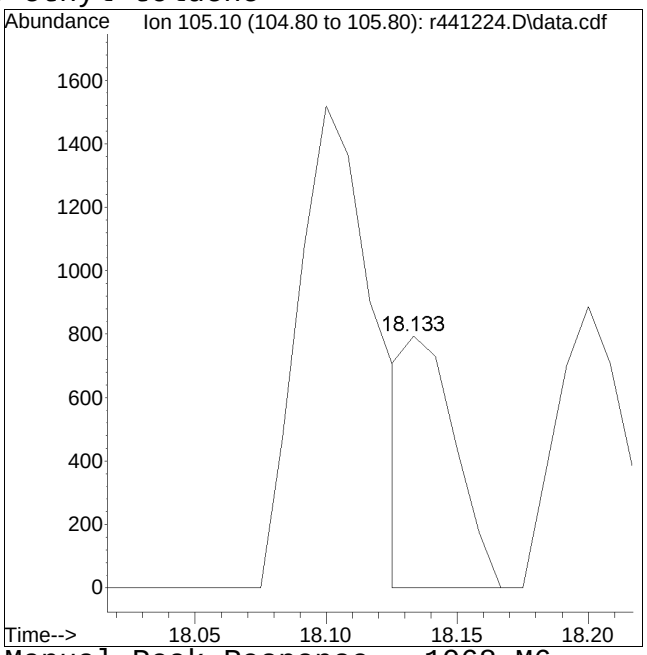
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r441224.D Operator : AIRPIANO4:KJD
Date Inj'd : 9/29/2025 10:33 PM Instrument :
Sample : L2560983-01D,3,6.24,250 Quant Date : 9/30/2025 7:09 am

Compound #96: 4-ethyl toluene



Original Peak Response = 4091



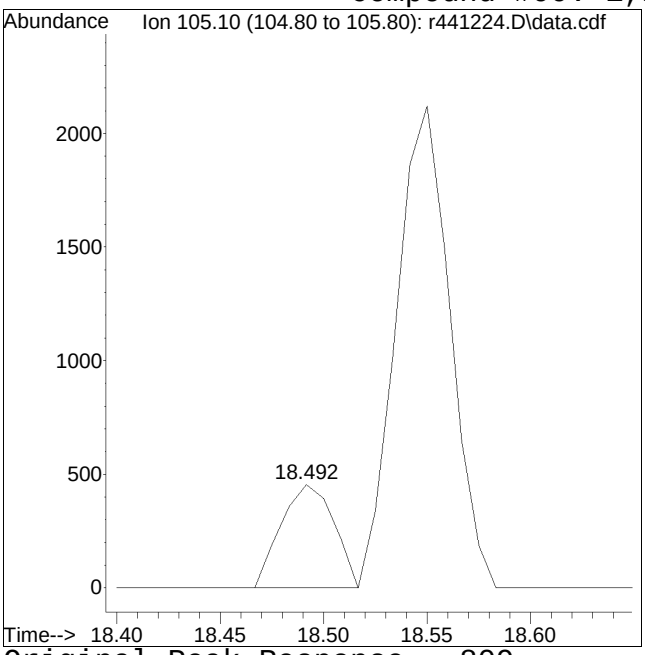
Manual Peak Response = 1068 M6

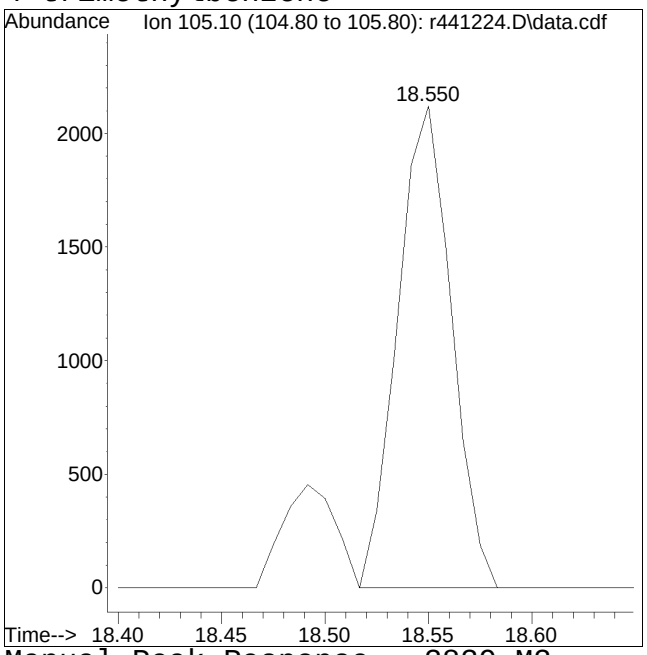
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r441224.D Operator : AIRPIANO4:KJD
Date Inj'd : 9/29/2025 10:33 PM Instrument :
Sample : L2560983-01D,3,6.24,250 Quant Date : 9/30/2025 7:09 am

Compound #99: 1,2,4-trimethylbenzene





Original Peak Response = 809 Manual Peak Response = 3839 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441225.D
Acq On : 29 Sep 2025 11:10 PM
Operator : AIRPIANO4:KJD
Sample : L2560983-02D,3,125,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:09:52 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.225	49	292720	10.000	ppbV	0.00
Standard Area = 285983			Recovery = 102.36%			
43) 1,4-difluorobenzene	11.440	114	734857	10.000	ppbV	0.00
Standard Area = 711740			Recovery = 103.25%			
67) chlorobenzene-D5	16.100	54	175291	10.000	ppbV	0.03
Standard Area = 145769			Recovery = 120.25%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	4.138		0	N.D.		
6) chloromethane	4.306	50	1105	0.062	ppbV	91
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.332	31	52371	3.648	ppbV	89
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.817	43	1361894M6	38.005	ppbV	
21) trichlorofluoromethane	0.000		0	N.D.		
22) isopropyl alcohol	6.137	45	519525	11.342	ppbV	99
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	6.858	59	8454	0.134	ppbV #	68
28) methylene chloride	6.828	49	6073	0.243	ppbV	96
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	7.134	76	6475	0.101	ppbV #	62
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	7.875		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	8.567	43	62142	1.044	ppbV	96
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.	d	
39) chloroform	9.375	83	1251	0.032	ppbV #	94
40) Tetrahydrofuran	9.842	42	253100	8.098	ppbV	98
42) 1,2-dichloroethane	10.208		0	N.D.		
44) hexane	9.292	57	318137	7.818	ppbV #	24

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441225.D
Acq On : 29 Sep 2025 11:10 PM
Operator : AIRPIANO4:KJD
Sample : L2560983-02D,3,125,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:09:52 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	10.500		0	N.D.		
50) benzene	11.027	78	30340	0.454	ppbV #	92
52) carbon tetrachloride	0.000		0	N.D.		
53) cyclohexane	11.347	56	88992	2.097	ppbV	97
56) 1,2-dichloropropane	0.000		0	N.D. d		
57) bromodichloromethane	0.000		0	N.D. d		
58) 1,4-dioxane	0.000		0	N.D. d		
59) trichloroethene	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	12.293	57	9133305	70.977	ppbV	99
62) heptane	12.607	43	123745	2.748	ppbV	95
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D. d		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D. d		
68) toluene	14.375	91	129349	1.062	ppbV	99
72) 2-hexanone	0.000		0	N.D. d		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	15.100		0	N.D.		
78) tetrachloroethene	15.517	166	33431	0.677	ppbV	94
80) chlorobenzene	0.000		0	N.D. d		
81) ethylbenzene	16.483	91	53070	0.344	ppbV	95
83) m+p-xylene	16.642	91	781176	6.339	ppbV	93
84) bromoform	0.000		0	N.D.		
85) styrene	16.967	104	38361	0.384	ppbV	93
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D. d		
87) o-xylene	17.058	91	333801	2.760	ppbV	90
96) 4-ethyl toluene	18.117	105	58266M6	0.372	ppbV	
97) 1,3,5-trimethylbenzene	18.192	105	187181	1.382	ppbV #	95
99) 1,2,4-trimethylbenzene	18.542	105	80742M3	0.592	ppbV	
101) Benzyl Chloride	0.000		0	N.D. d		
102) 1,3-dichlorobenzene	0.000		0	N.D. d		
103) 1,4-dichlorobenzene	0.000		0	N.D. d		
107) 1,2-dichlorobenzene	0.000		0	N.D. d		
115) 1,2,4-trichlorobenzene	0.000		0	N.D. d		
116) naphthalene	0.000		0	N.D. d		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441225.D
Acq On : 29 Sep 2025 11:10 PM
Operator : AIRPIANO4:KJD
Sample : L2560983-02D,3,125,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:09:52 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

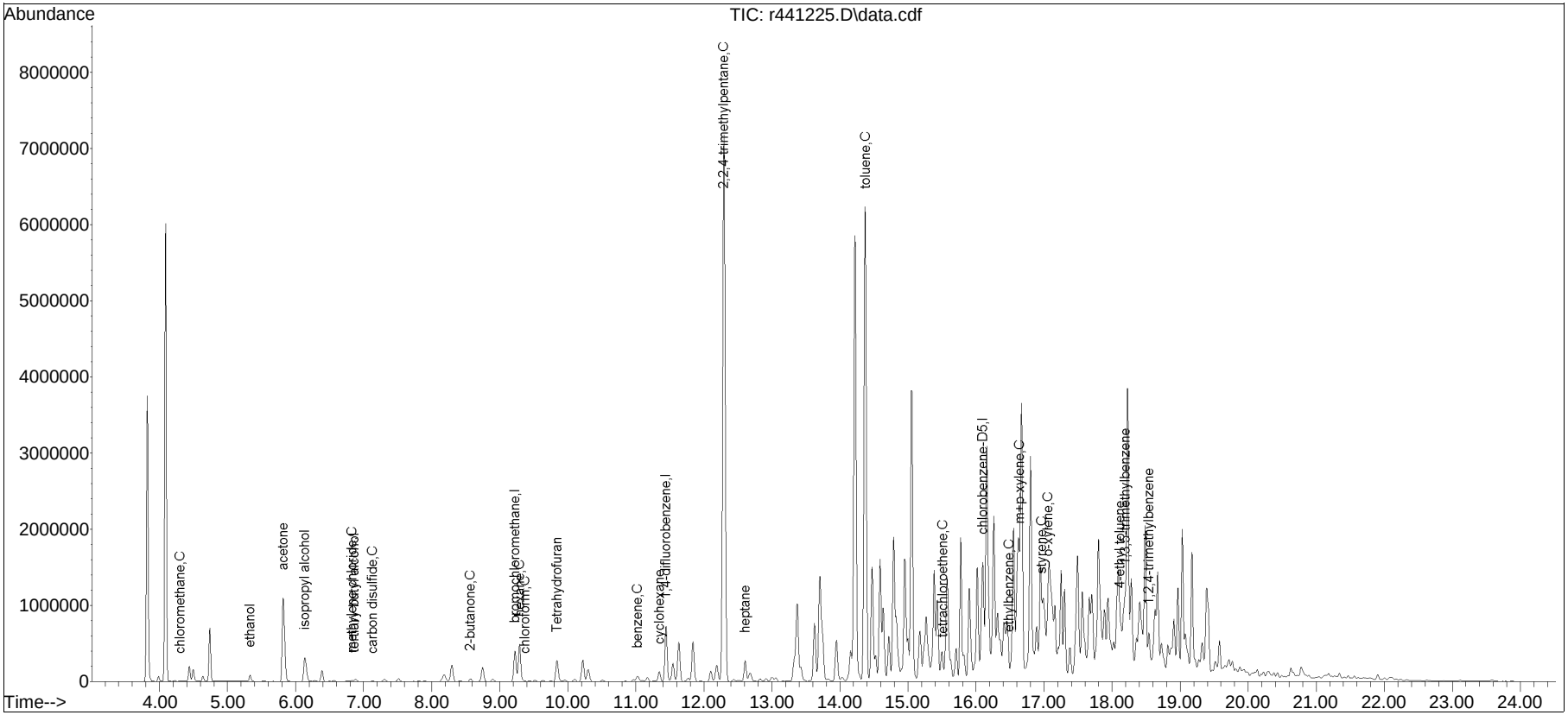
CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : TO15-NY+Naphthalene - .

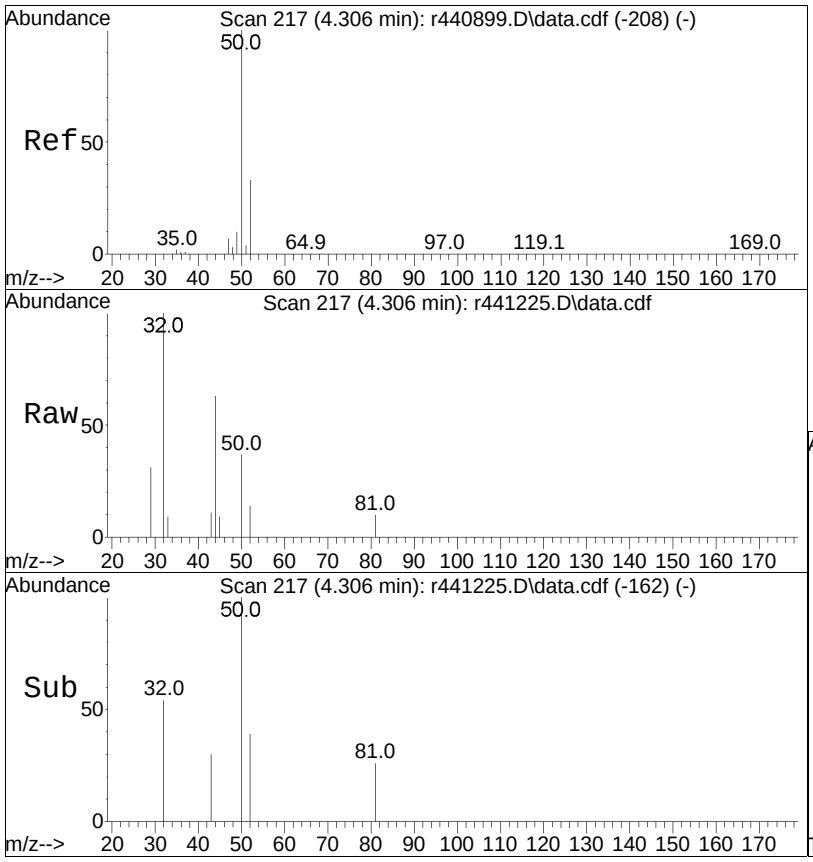
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .4\2025\09\0929T\r441211.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441225.D
Acq On : 29 Sep 2025 11:10 PM
Operator : AIRPIANO4:KJD
Sample : L2560983-02D,3,125,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:09:52 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

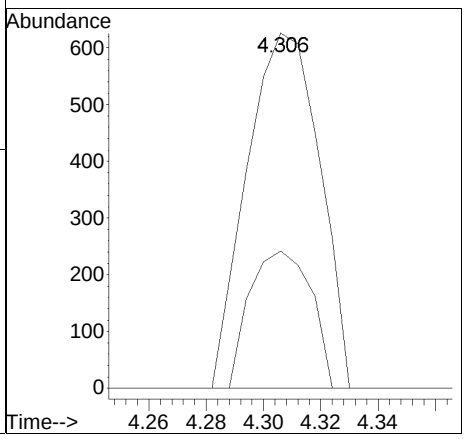


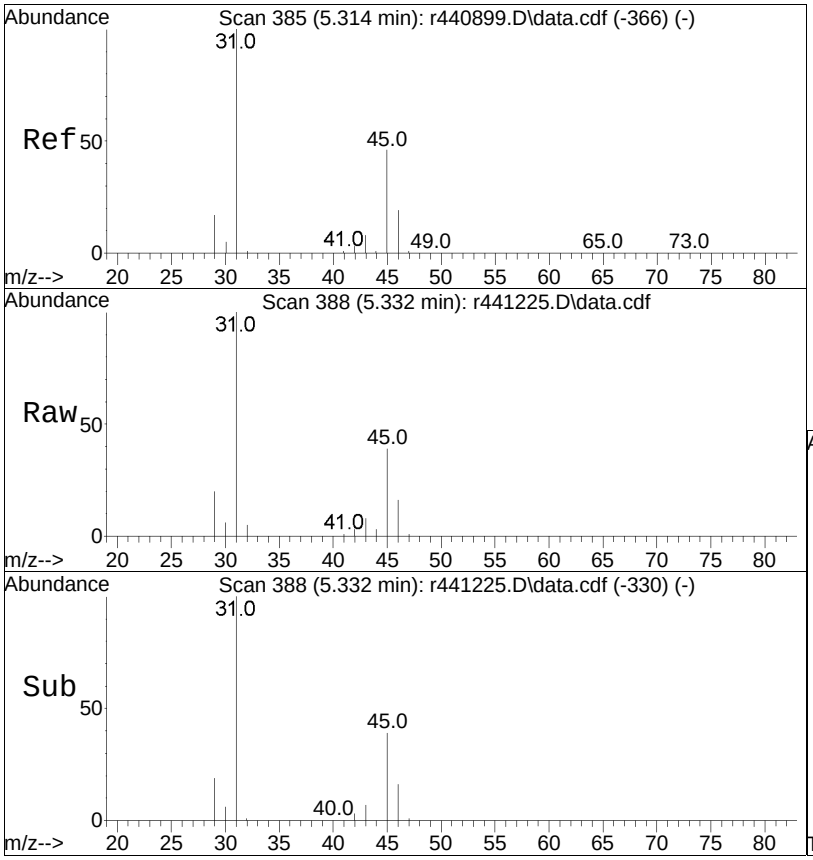


#6
chloromethane
Concen: 0.06 ppbV
RT: 4.306 min Scan# 217
Delta R.T. 0.000 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 50 Resp: 1105

Ion	Ratio	Lower	Upper
50	100		
52	38.7	26.6	40.0

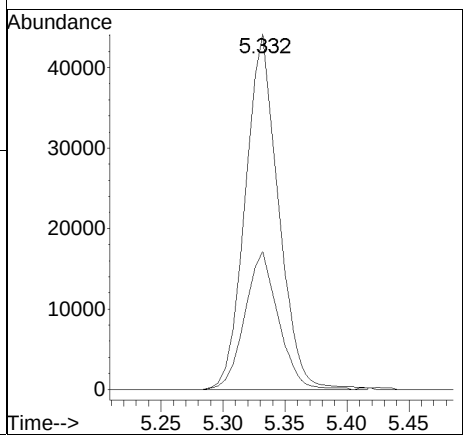


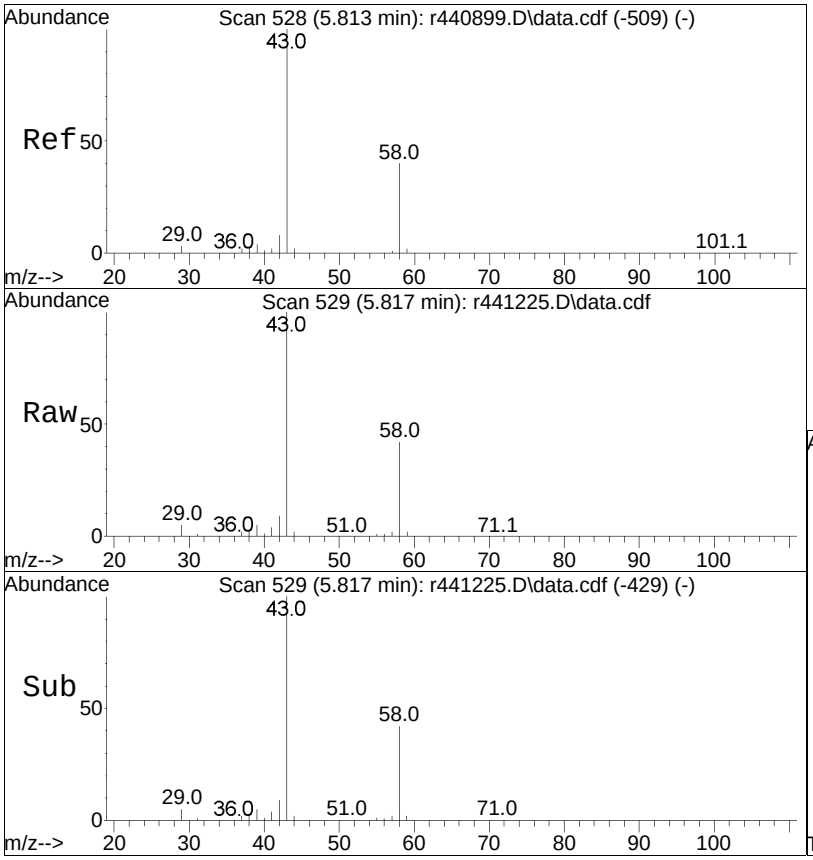


#15
ethanol
Concen: 3.65 ppbV
RT: 5.332 min Scan# 388
Delta R.T. 0.018 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 31 Resp: 52371

Ion	Ratio	Lower	Upper
31	100		
45	38.8	37.1	55.7

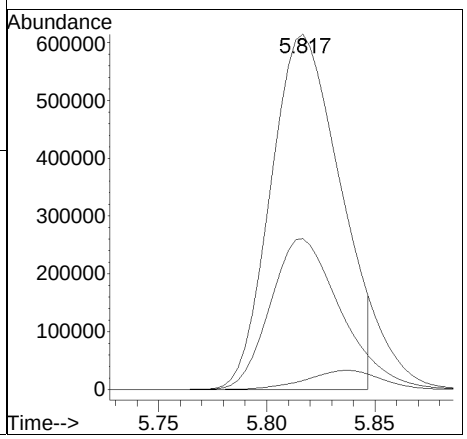


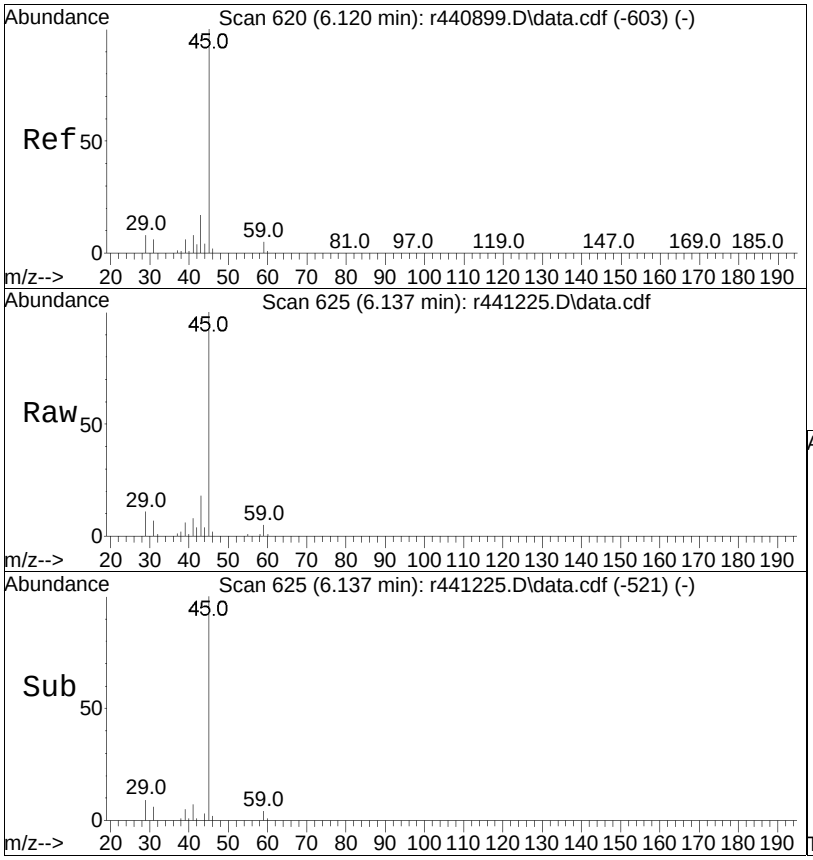


#19
acetone
Concen: 38.00 ppbV m
RT: 5.817 min Scan# 529
Delta R.T. 0.003 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 43 Resp: 1361894

Ion	Ratio	Lower	Upper
43	100		
58	42.5	32.2	48.4
57	2.5	0.9	1.3#

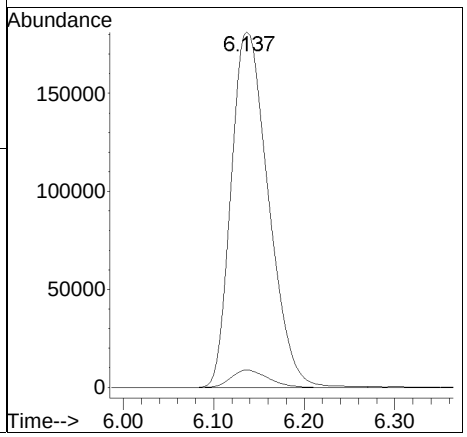


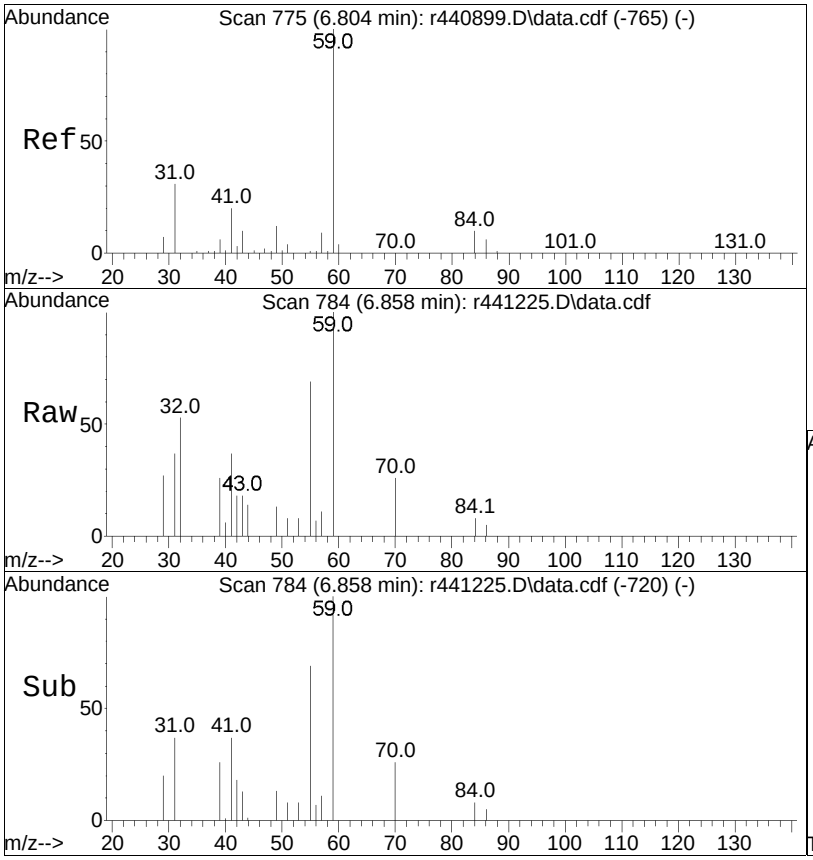


#22
isopropyl alcohol
Concen: 11.34 ppbV
RT: 6.137 min Scan# 625
Delta R.T. 0.017 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 45 Resp: 519525

Ion	Ratio	Lower	Upper
45	100		
59	5.0	3.8	5.6

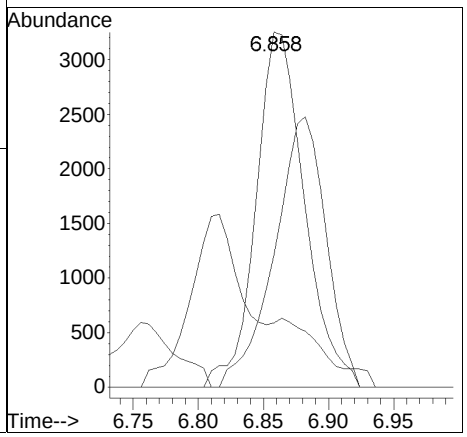


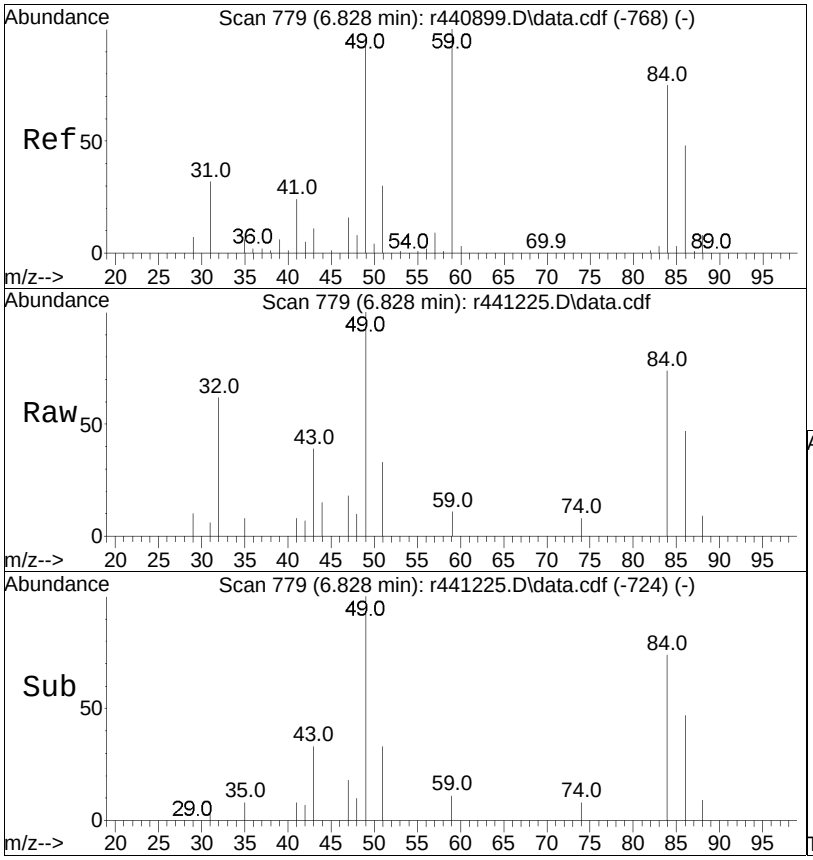


#27
tertiary butyl alcohol
Concen: 0.13 ppbV
RT: 6.858 min Scan# 784
Delta R.T. 0.054 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 59 Resp: 8454

Ion	Ratio	Lower	Upper
59	100		
41	37.3	15.9	23.9#
43	18.1	8.1	12.1#

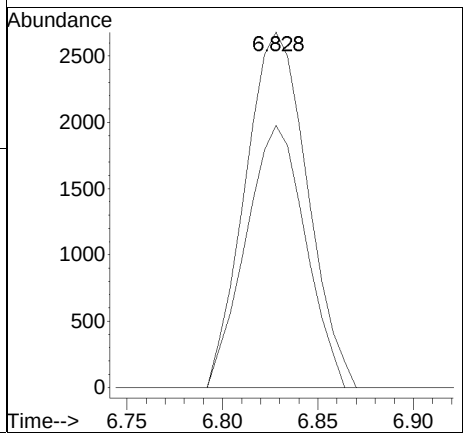


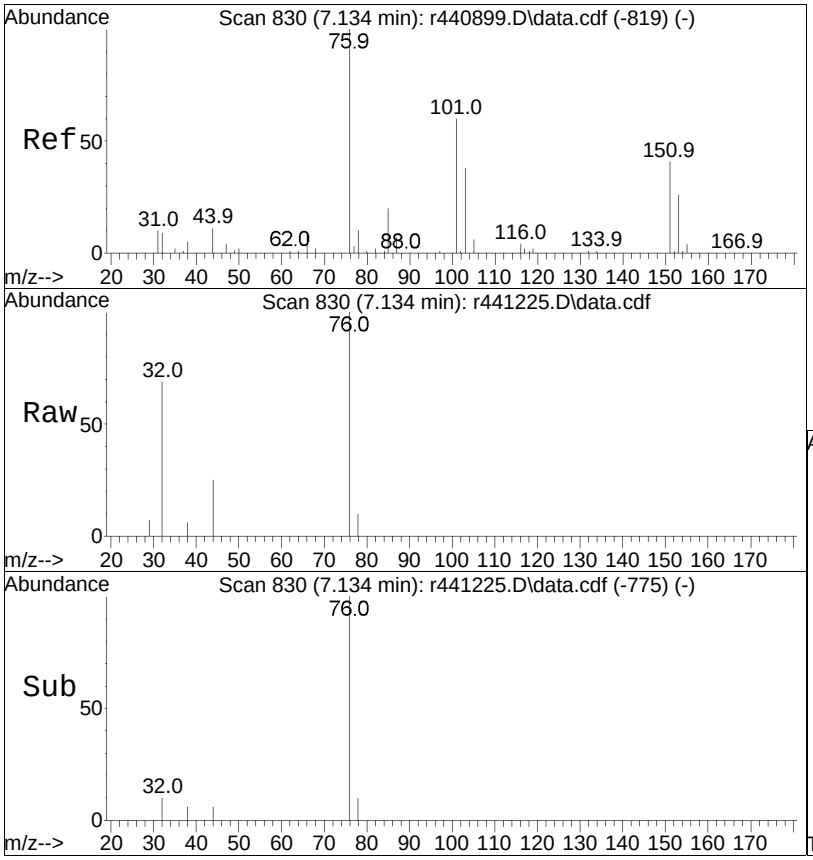


#28
methylene chloride
Concen: 0.24 ppbV
RT: 6.828 min Scan# 779
Delta R.T. 0.000 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 49 Resp: 6073

Ion	Ratio	Lower	Upper
49	100		
84	73.7	62.1	93.1

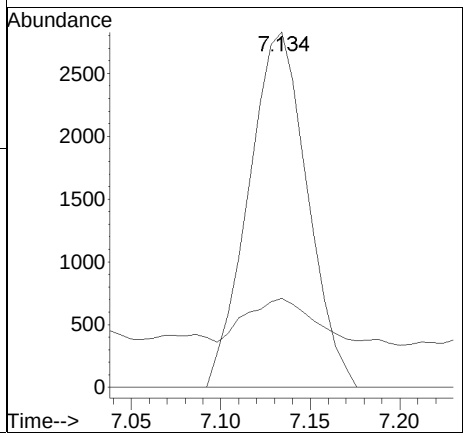


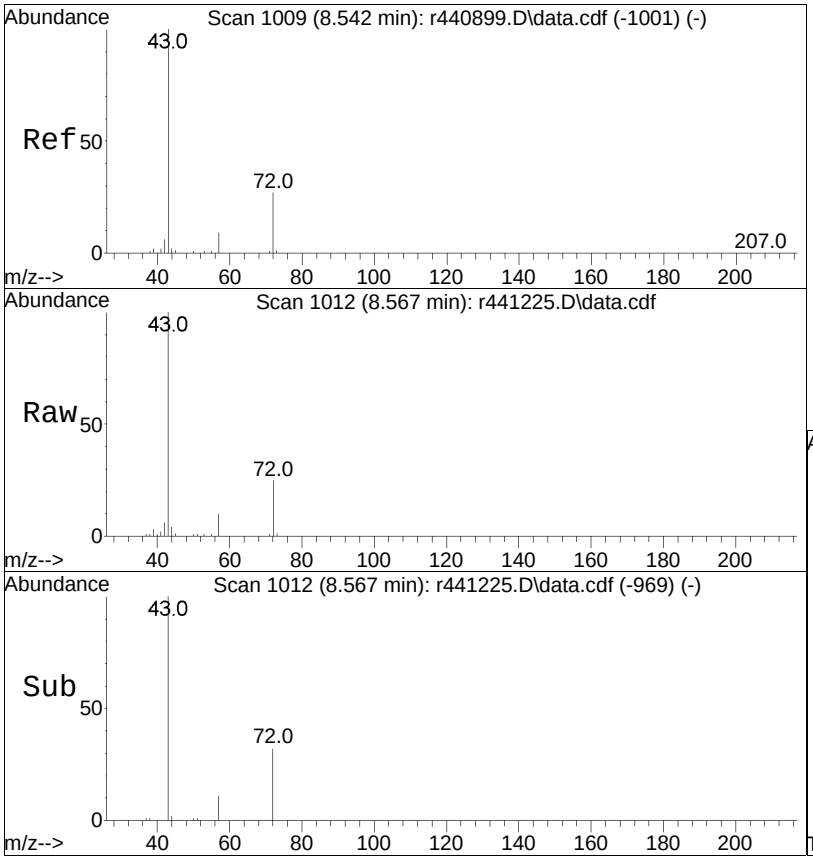


#30
carbon disulfide
Concen: 0.10 ppbV
RT: 7.134 min Scan# 830
Delta R.T. 0.000 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 76 Resp: 6475

Ion	Ratio	Lower	Upper
76	100		
44	25.1	8.6	12.8#

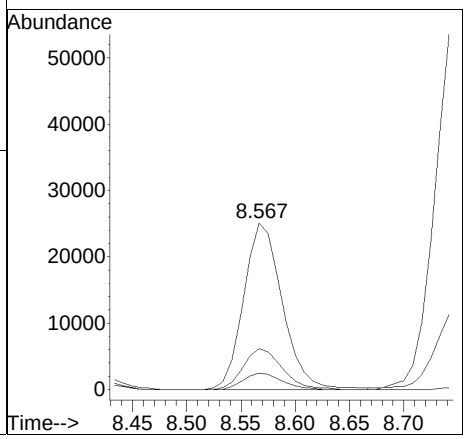


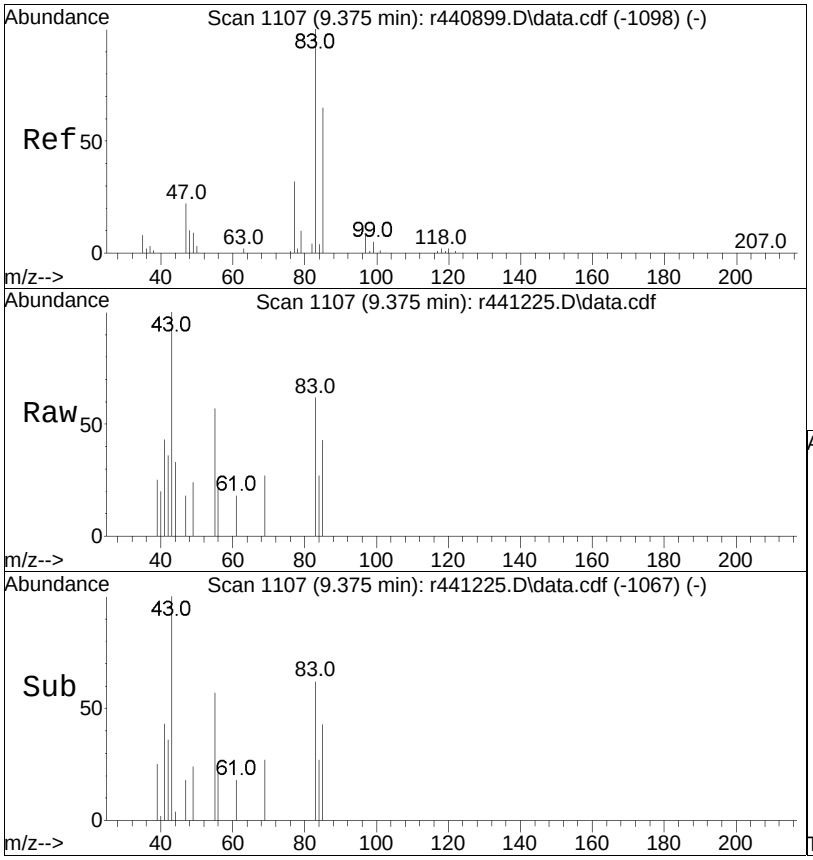


#36
2-butanone
Concen: 1.04 ppbV
RT: 8.567 min Scan# 1012
Delta R.T. 0.025 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 43 Resp: 62142

Ion	Ratio	Lower	Upper
43	100		
72	24.6	21.3	31.9
57	9.9	7.2	10.8

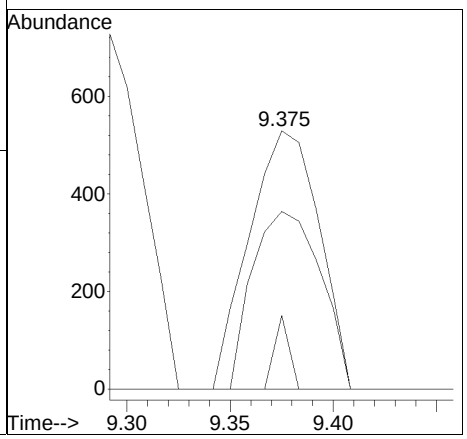


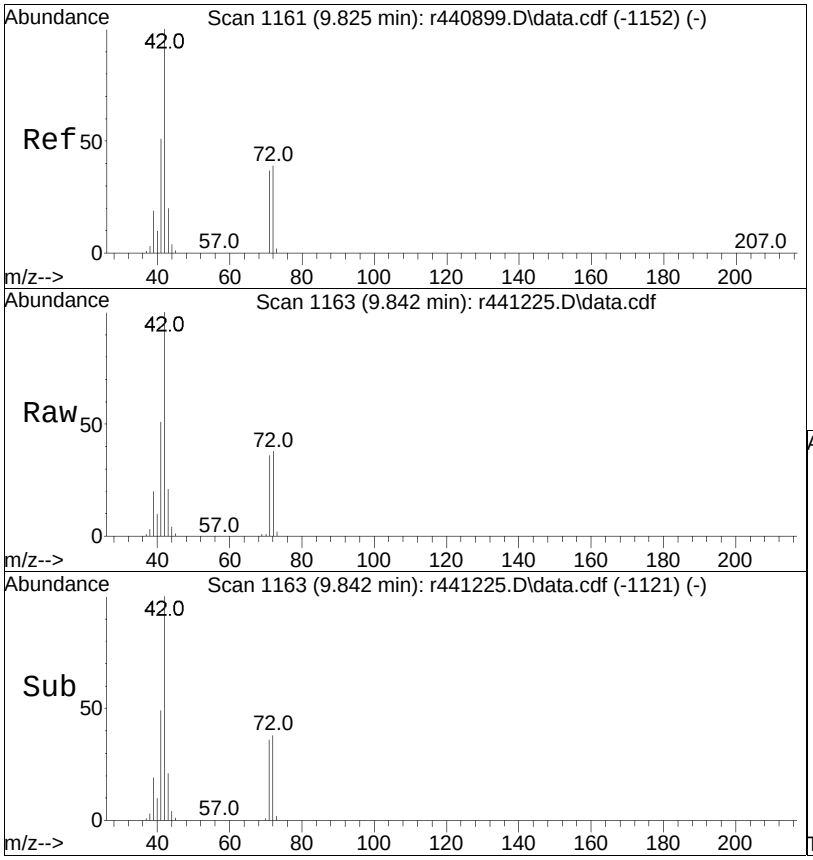


#39
chloroform
Concen: 0.03 ppbV
RT: 9.375 min Scan# 1107
Delta R.T. 0.000 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 83 Resp: 1251

Ion	Ratio	Lower	Upper
83	100		
85	68.8	52.5	78.7
47	28.5	18.2	27.4#

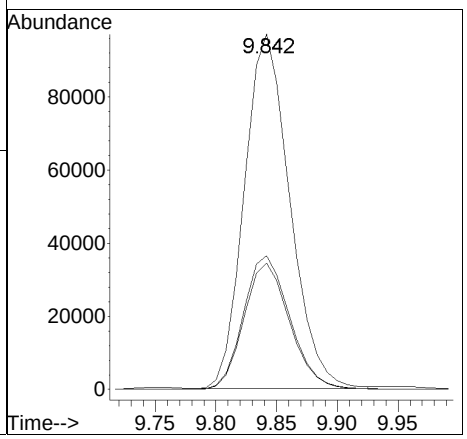


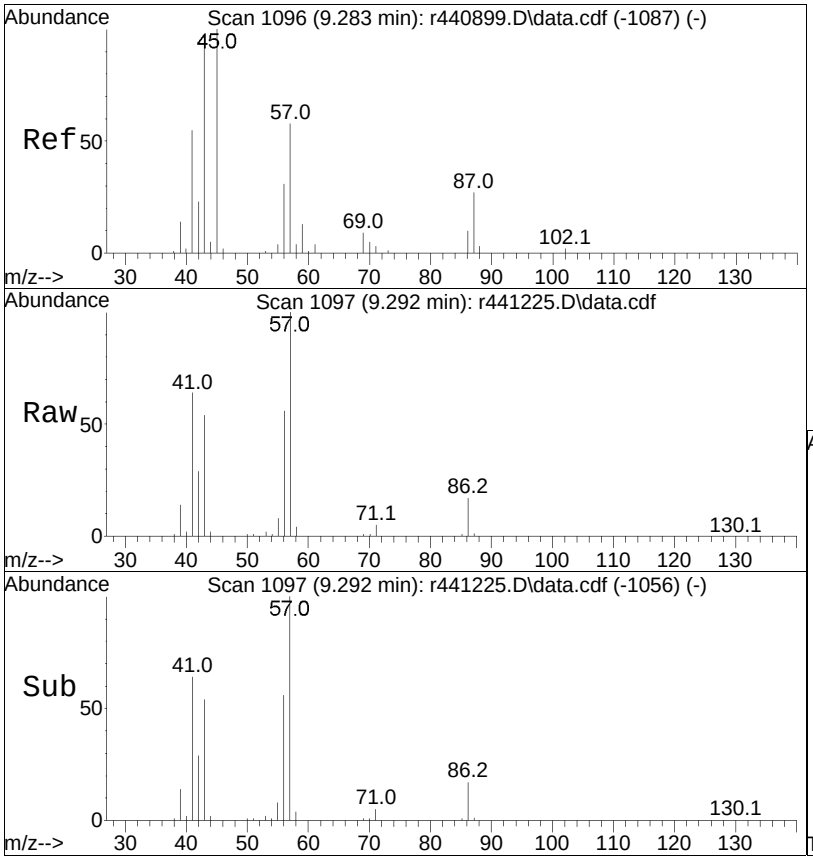


#40
Tetrahydrofuran
Concen: 8.10 ppbV
RT: 9.842 min Scan# 1163
Delta R.T. 0.017 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 42 Resp: 253100

Ion	Ratio	Lower	Upper
42	100		
71	35.6	29.7	44.5
72	37.6	31.1	46.7

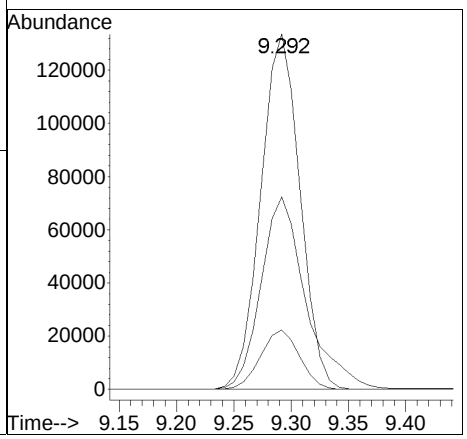


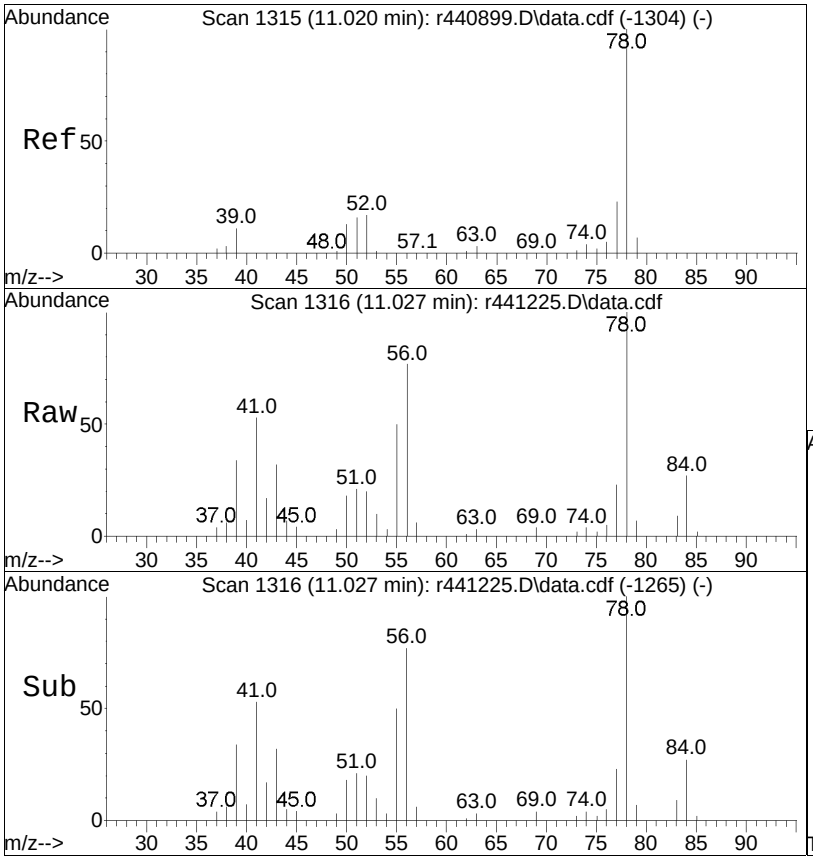


#44
hexane
Concen: 7.82 ppbV
RT: 9.292 min Scan# 1097
Delta R.T. 0.008 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 57 Resp: 318137

Ion	Ratio	Lower	Upper
57	100		
43	54.2	133.6	200.4#
86	16.7	13.8	20.6

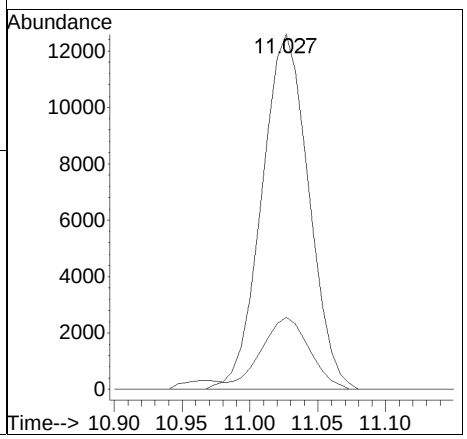


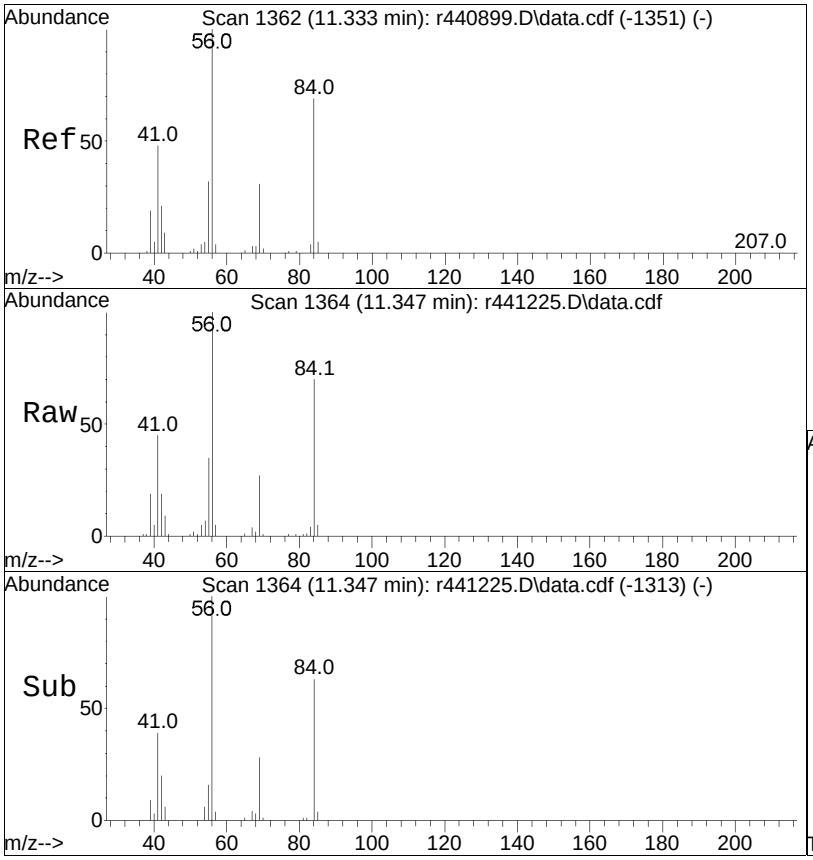


#50
benzene
Concen: 0.45 ppbV
RT: 11.027 min Scan# 1316
Delta R.T. 0.007 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 78 Resp: 30340

Ion	Ratio	Lower	Upper
78	100		
52	20.3	13.5	20.3#

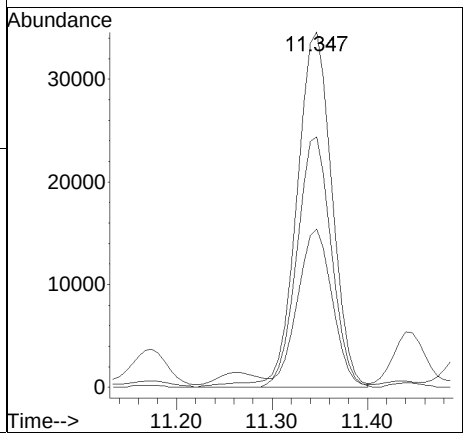


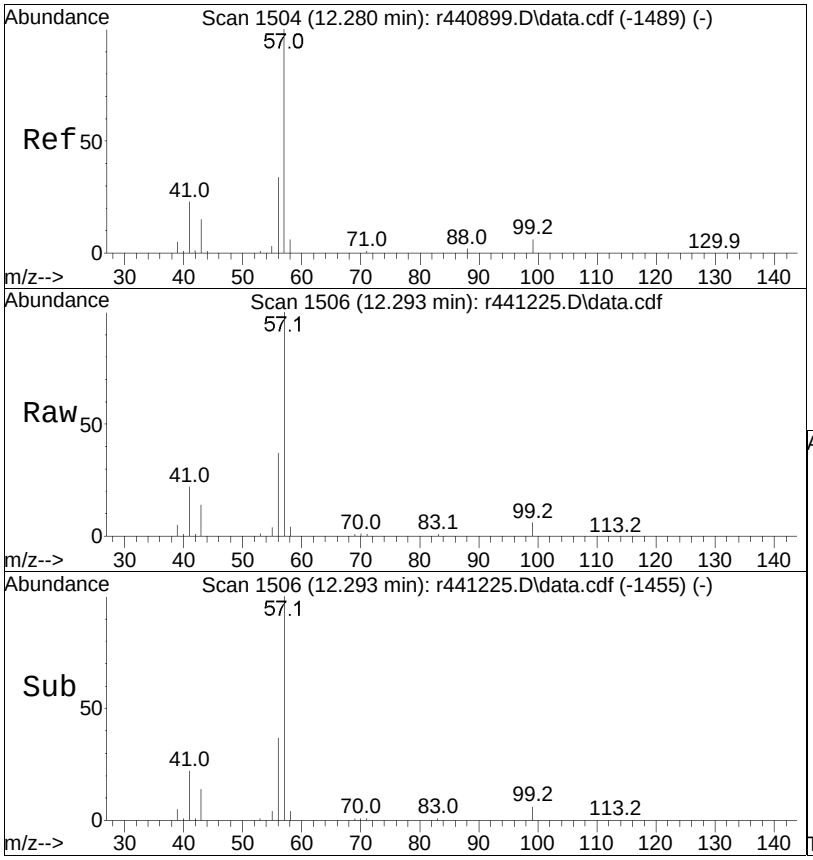


#53
cyclohexane
Concen: 2.10 ppbV
RT: 11.347 min Scan# 1364
Delta R.T. 0.013 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 56 Resp: 88992

Ion	Ratio	Lower	Upper
56	100		
84	70.5	55.5	83.3
41	44.6	38.2	57.4

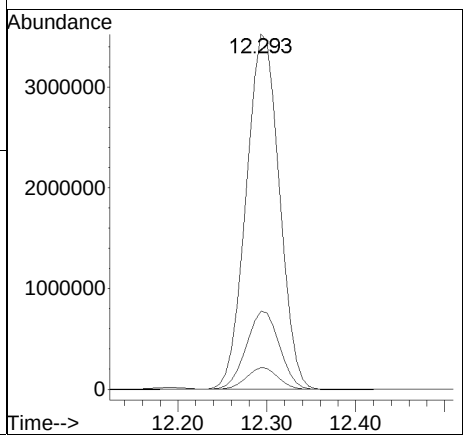


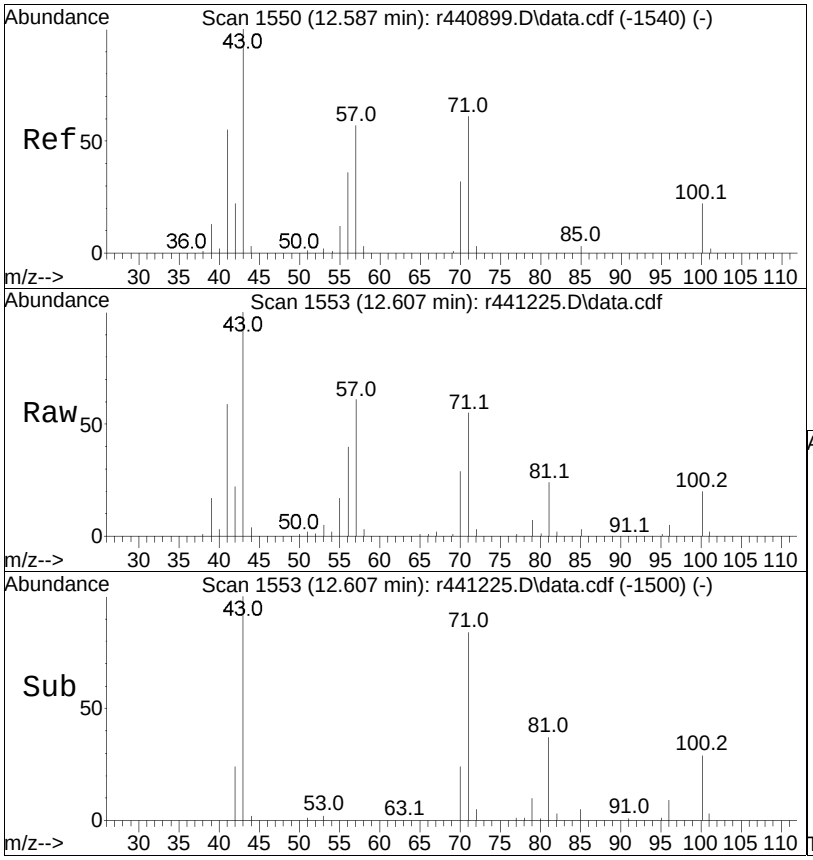


#60
2,2,4-trimethylpentane
Concen: 70.98 ppbV
RT: 12.293 min Scan# 1506
Delta R.T. 0.013 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 57 Resp: 9133305

Ion	Ratio	Lower	Upper
57	100		
99	6.2	4.8	7.2
41	22.0	18.2	27.4

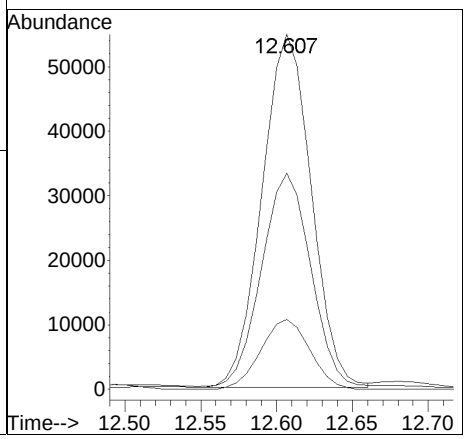


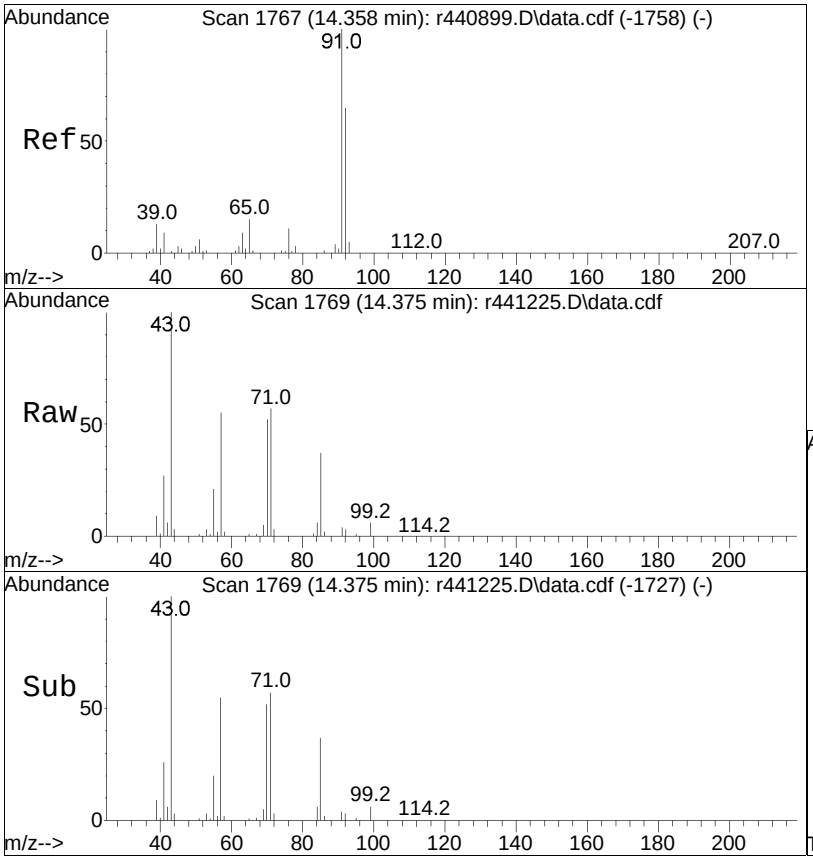


#62
heptane
Concen: 2.75 ppbV
RT: 12.607 min Scan# 1553
Delta R.T. 0.020 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 43 Resp: 123745

Ion	Ratio	Lower	Upper
43	100		
57	60.8	45.8	68.8
100	19.7	17.8	26.6

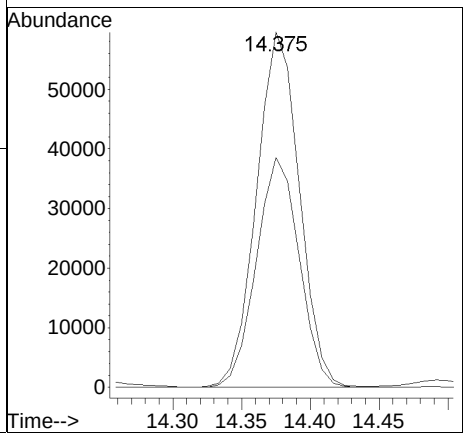


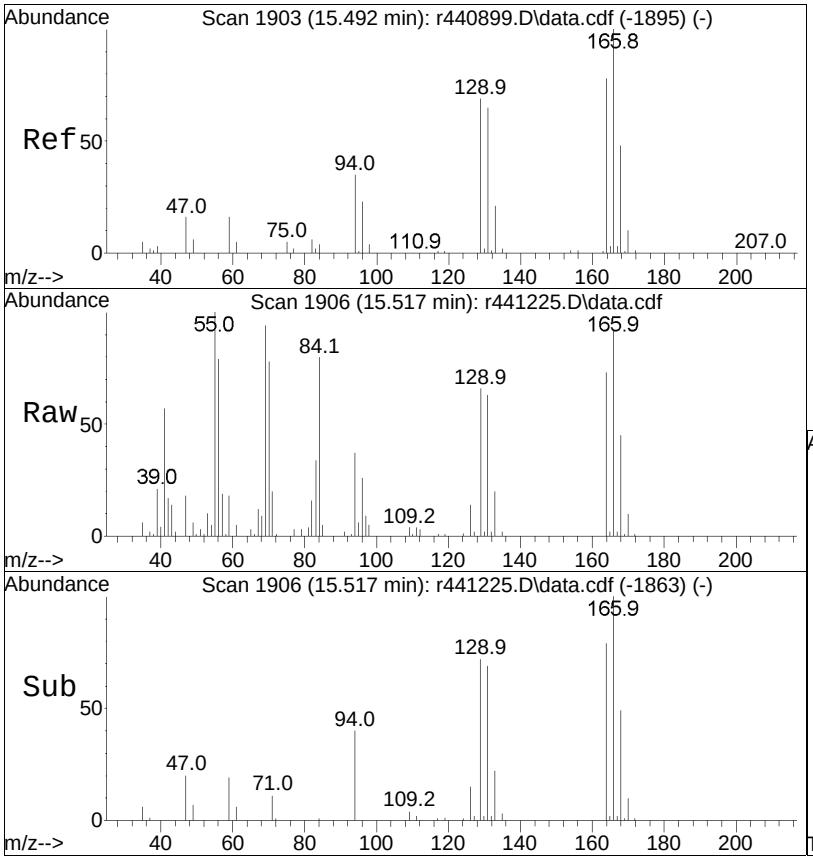


#68
toluene
Concen: 1.06 ppbV
RT: 14.375 min Scan# 1769
Delta R.T. 0.017 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 91 Resp: 129349

Ion	Ratio	Lower	Upper
91	100		
92	64.7	52.4	78.6

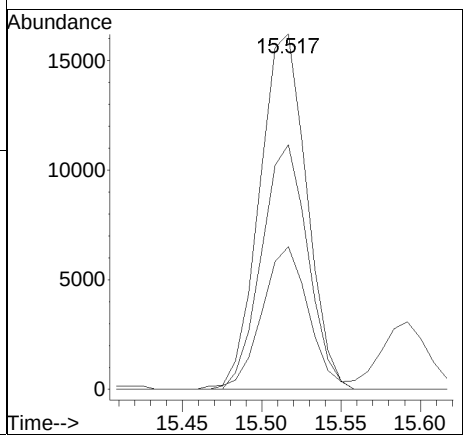


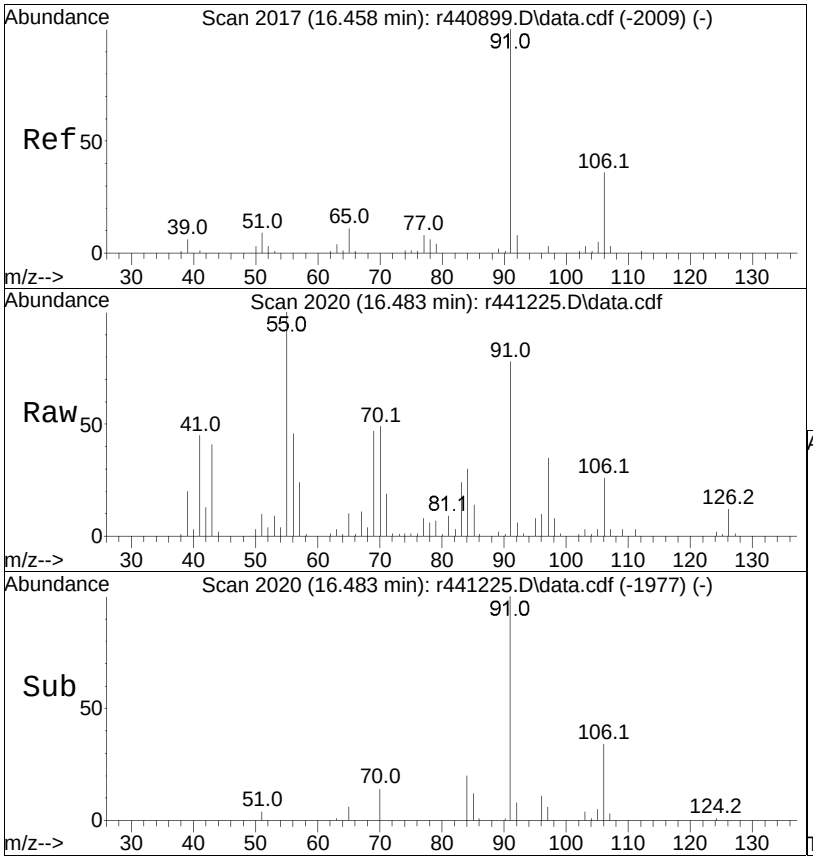


#78
tetrachloroethene
Concen: 0.68 ppbV
RT: 15.517 min Scan# 1906
Delta R.T. 0.025 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion:166 Resp: 33431

Ion	Ratio	Lower	Upper
166	100		
131	68.9	52.1	78.1
94	40.2	28.3	42.5

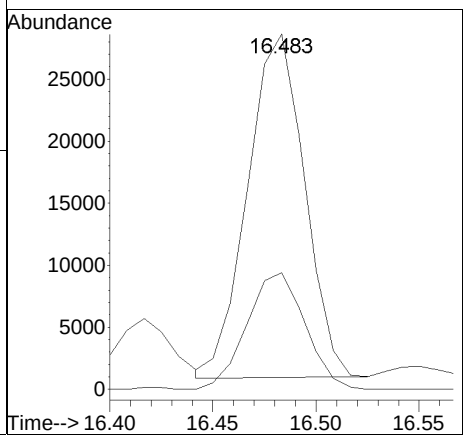


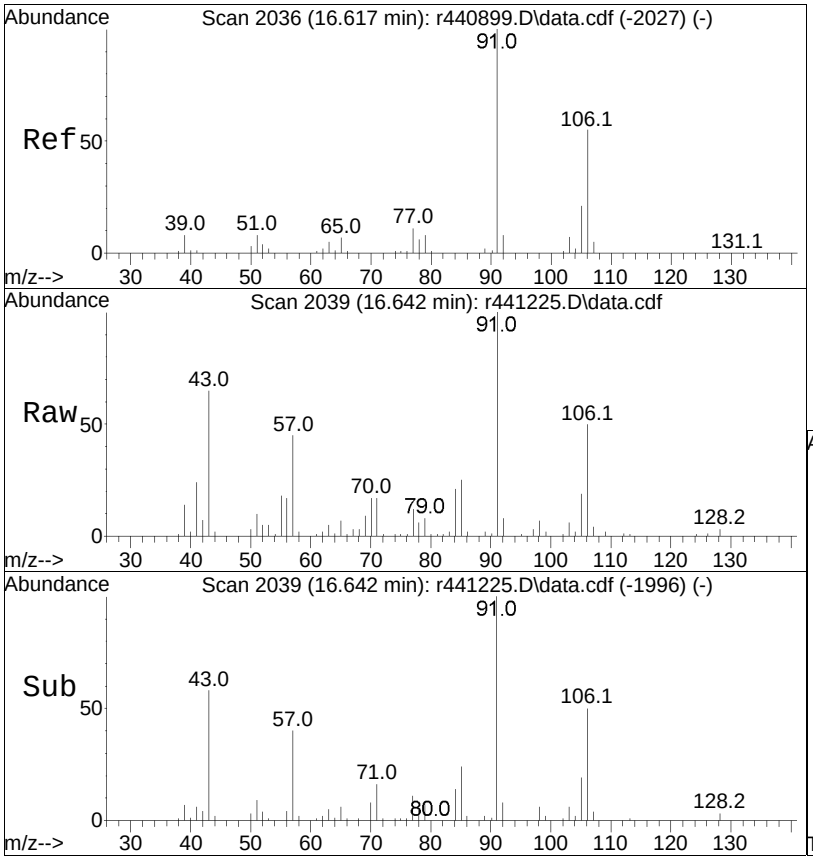


#81
ethylbenzene
Concen: 0.34 ppbV
RT: 16.483 min Scan# 2020
Delta R.T. 0.025 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 91 Resp: 53070

Ion	Ratio	Lower	Upper
91	100		
106	32.9	28.8	43.2

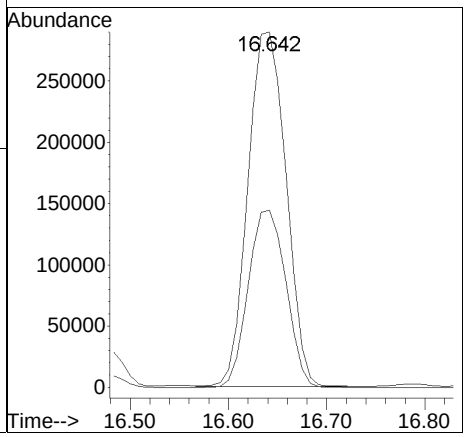


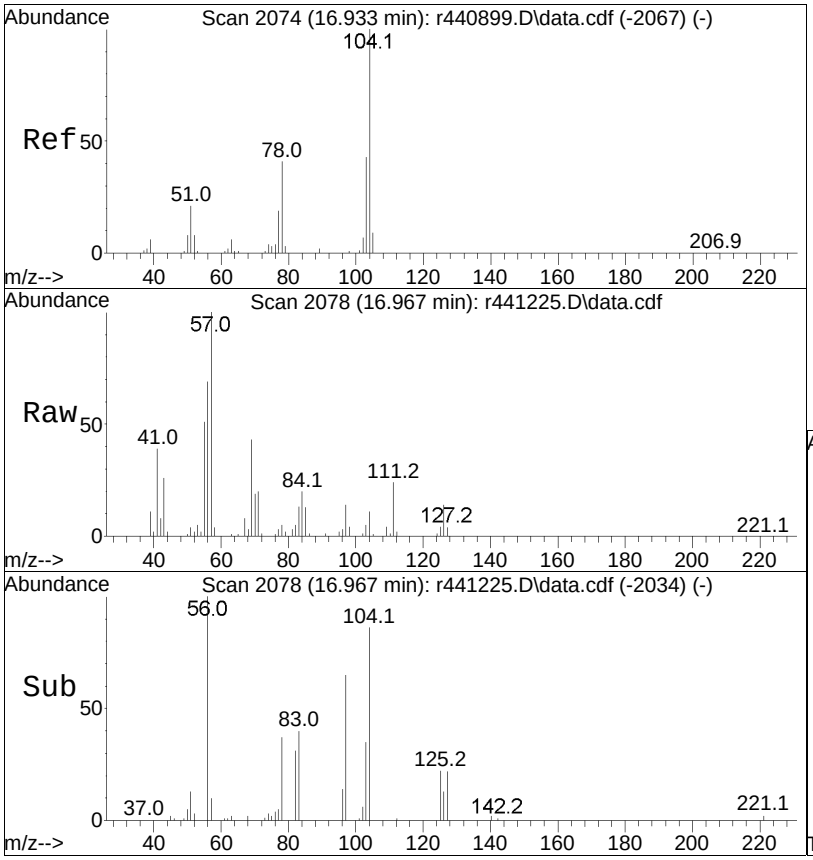


#83
m+p-xylene
Concen: 6.34 ppbV
RT: 16.642 min Scan# 2039
Delta R.T. 0.025 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 91 Resp: 781176

Ion	Ratio	Lower	Upper
91	100		
106	49.8	43.9	65.9

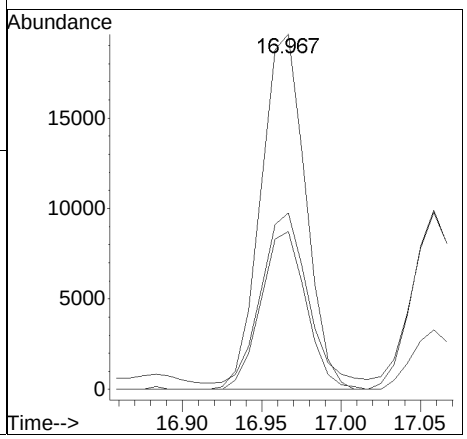


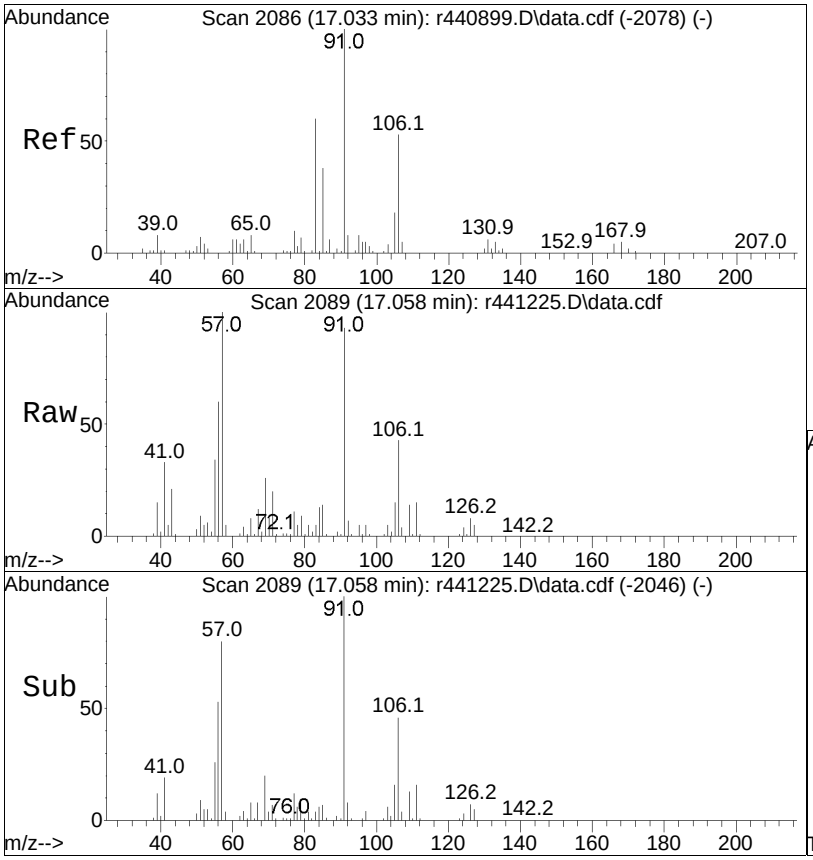


#85
styrene
Concen: 0.38 ppbV
RT: 16.967 min Scan# 2078
Delta R.T. 0.033 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion:104 Resp: 38361

Ion	Ratio	Lower	Upper
104	100		
103	44.4	34.7	52.1
78	49.7	33.1	49.7

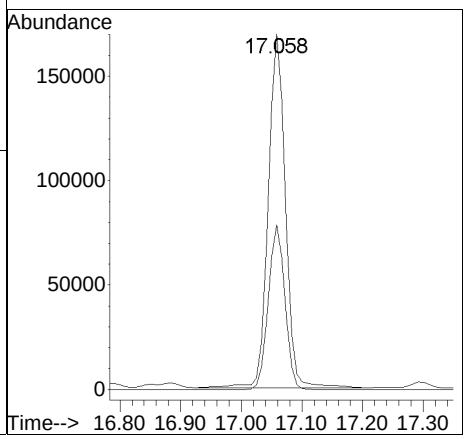


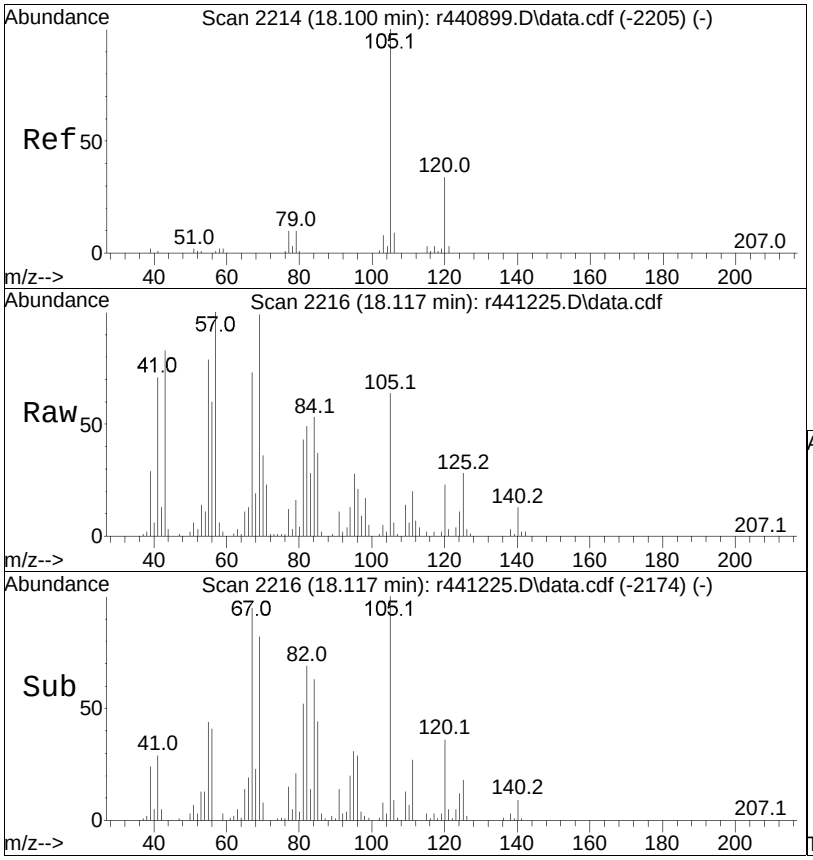


#87
o-xylene
Concen: 2.76 ppbV
RT: 17.058 min Scan# 2089
Delta R.T. 0.025 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion: 91 Resp: 333801

Ion	Ratio	Lower	Upper
91	100		
106	46.3	42.5	63.7

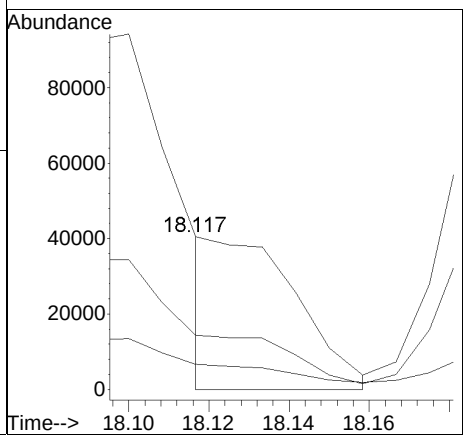


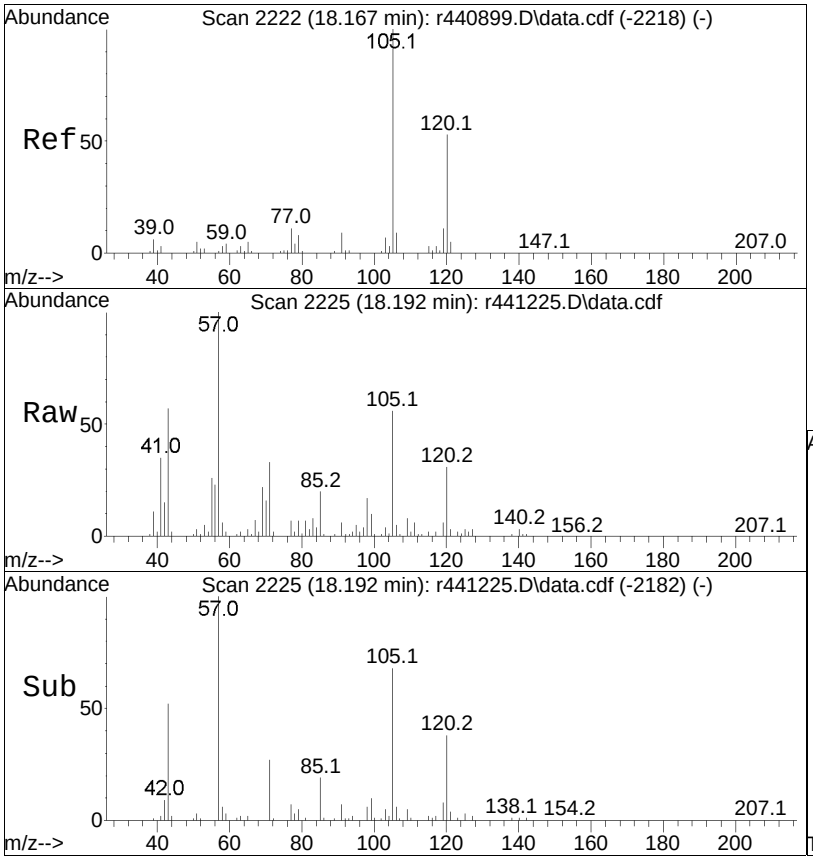


#96
4-ethyl toluene
Concen: 0.37 ppbV m
RT: 18.117 min Scan# 2216
Delta R.T. 0.017 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion:105 Resp: 58266

Ion	Ratio	Lower	Upper
105	100		
120	35.5	27.0	40.6
91	16.4	8.1	12.1#

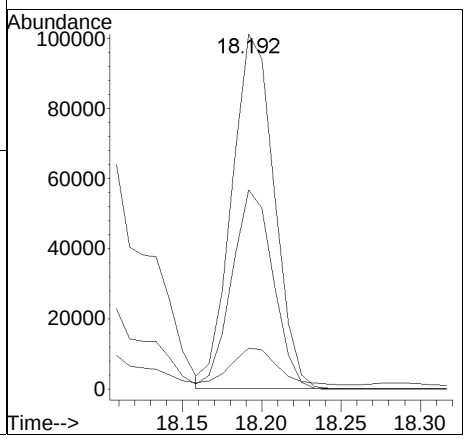


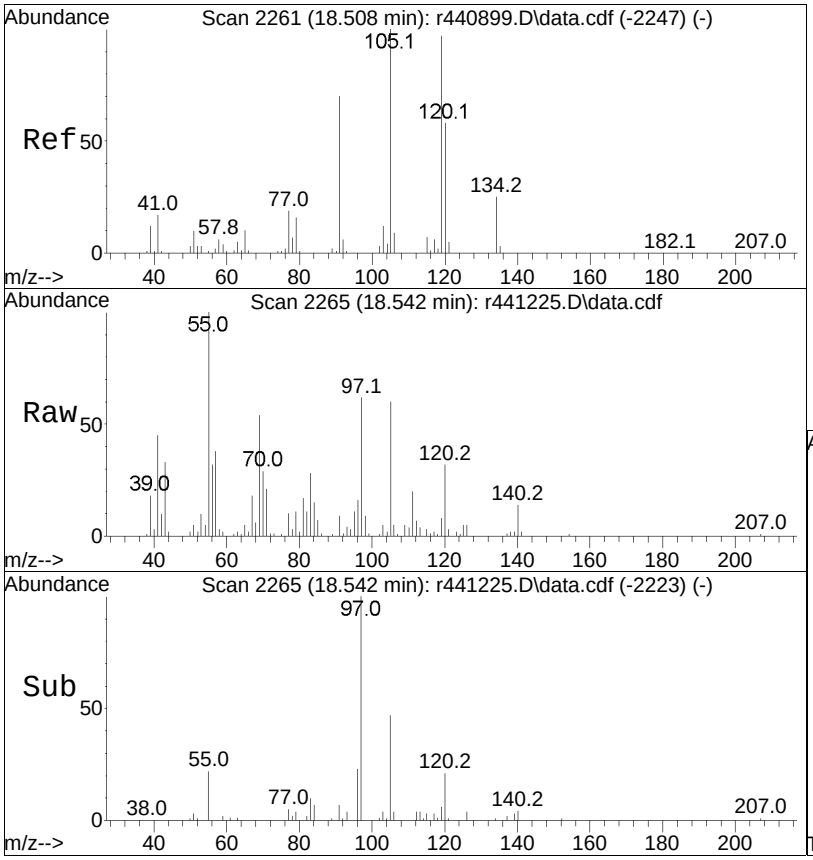


#97
1,3,5-trimethylbenzene
Concen: 1.38 ppbV
RT: 18.192 min Scan# 2225
Delta R.T. 0.025 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion:105 Resp: 187181

Ion	Ratio	Lower	Upper
105	100		
120	56.1	42.1	63.1
91	11.7	7.6	11.4#

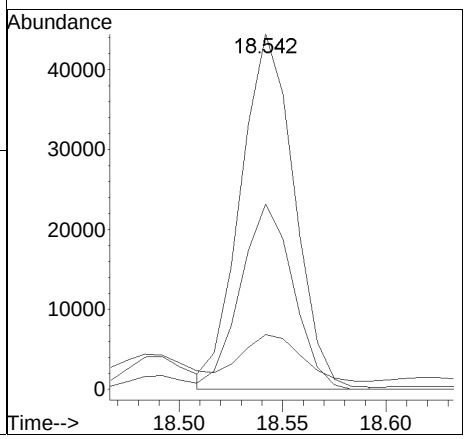




#99
1,2,4-trimethylbenzene
Concen: 0.59 ppbV m
RT: 18.542 min Scan# 2265
Delta R.T. 0.033 min
Lab File: r441225.D
Acq: 29 Sep 2025 11:10 PM

Tgt Ion:105 Resp: 80742

Ion	Ratio	Lower	Upper
105	100		
120	52.2	46.7	70.1
91	15.4	56.3	84.5#

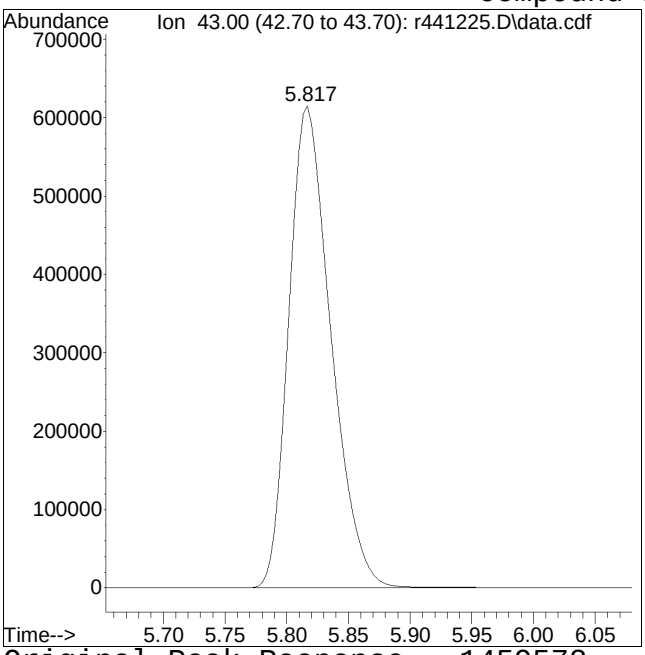


Manual Integration Report

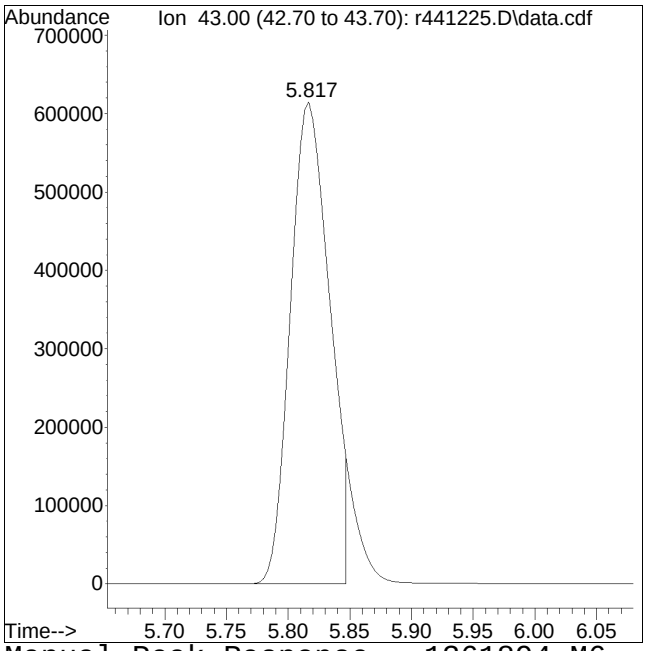
Data Path : X:\Airlab\Data\Airpiano4\2Q
Data File : r441225.D
Date Inj'd : 9/29/2025 11:10 PM
Sample : L2560983-02D,3,125,250

Method : TFS4_250911.M
Operator : AIRPIANO4:KJD
Instrument :
Quant Date : 9/30/2025 7:09 am

Compound #19: acetone



Original Peak Response = 1459572



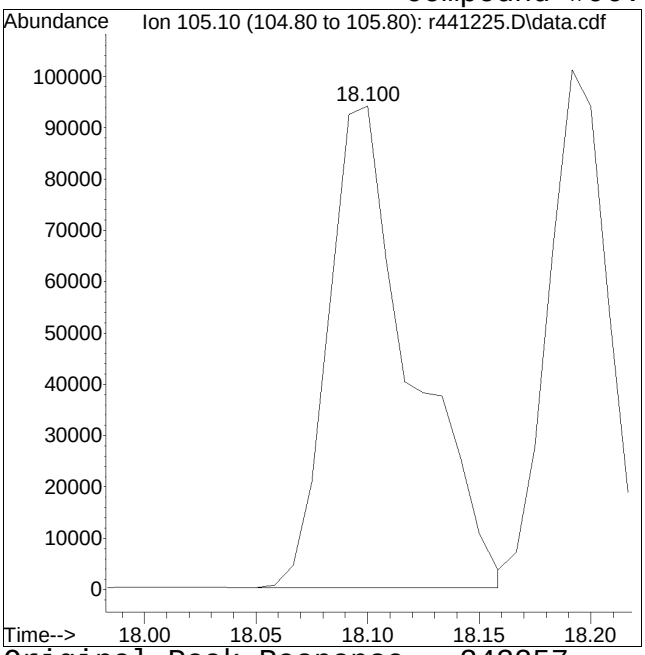
Manual Peak Response = 1361894 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

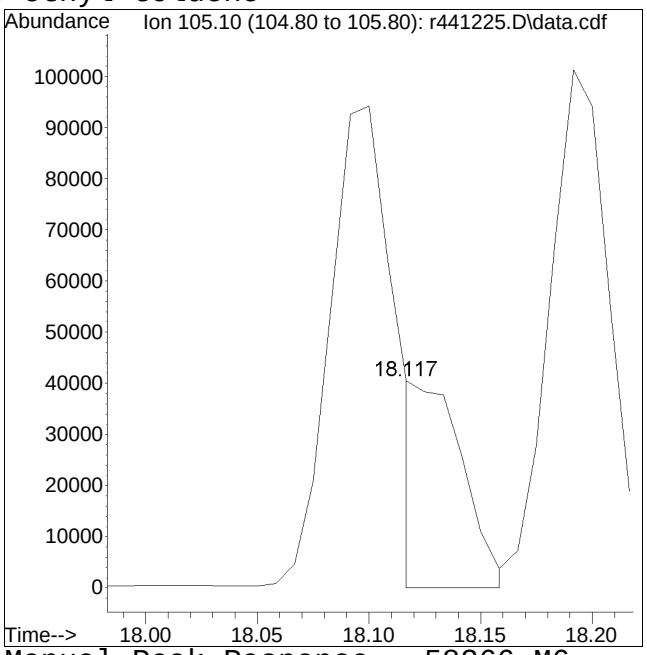
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r441225.D Operator : AIRPIANO4:KJD
Date Inj'd : 9/29/2025 11:10 PM Instrument :
Sample : L2560983-02D,3,125,250 Quant Date : 9/30/2025 7:09 am

Compound #96: 4-ethyl toluene



Original Peak Response = 243257



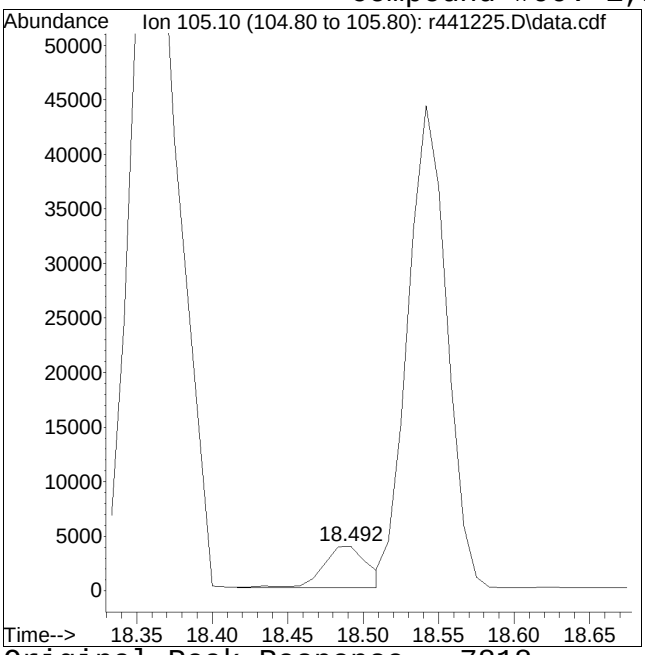
Manual Peak Response = 58266 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

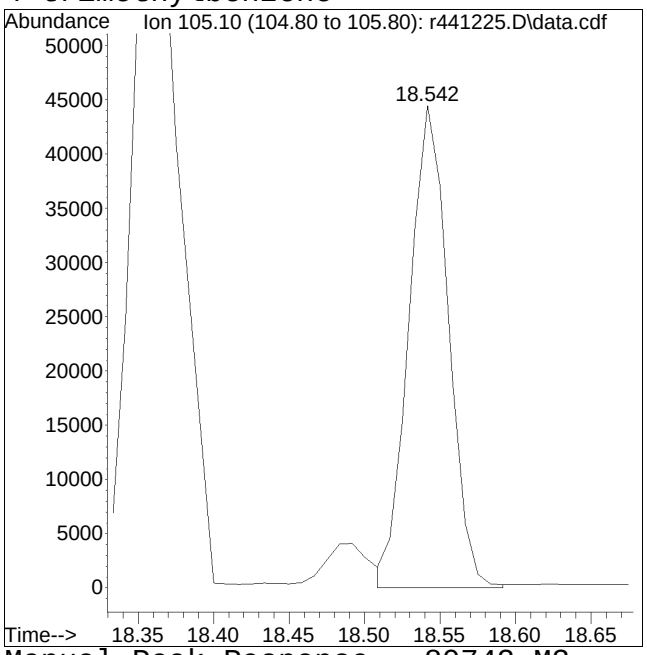
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r441225.D Operator : AIRPIANO4:KJD
Date Inj'd : 9/29/2025 11:10 PM Instrument :
Sample : L2560983-02D,3,125,250 Quant Date : 9/30/2025 7:09 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 7818



Manual Peak Response = 80742 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441226.D
Acq On : 29 Sep 2025 11:48 PM
Operator : AIRPIANO4:KJD
Sample : L2560983-03D,3,9.98,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:10:27 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.217	49	313608	10.000	ppbV	0.00
Standard Area = 285983			Recovery = 109.66%			
43) 1,4-difluorobenzene	11.440	114	825740	10.000	ppbV	0.00
Standard Area = 711740			Recovery = 116.02%			
67) chlorobenzene-D5	16.100	54	171163	10.000	ppbV	0.03
Standard Area = 145769			Recovery = 117.42%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	4.132	85	5828	0.132	ppbV	96
6) chloromethane	4.300	50	1932	0.102	ppbV #	88
7) Freon-114	4.276		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	4.636		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.320	31	92800	6.033	ppbV	91
17) vinyl bromide	0.000		0	N.D.		
19) acetone	0.000		0	N.D.	d	
21) trichlorofluoromethane	5.987	101	1583	0.034	ppbV	98
22) isopropyl alcohol	6.117	45	1132961	23.087	ppbV	99
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	0.000		0	N.D.	d	
28) methylene chloride	6.822	49	30206	1.129	ppbV	98
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	7.128	76	3335	0.049	ppbV #	39
31) Freon 113	7.128		0	N.D.		
32) trans-1,2-dichloroethene	7.867		0	N.D.		
33) 1,1-dichloroethane	8.150		0	N.D.		
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	0.000		0	N.D.		
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	9.333	61	1875	0.169	ppbV #	1
39) chloroform	9.375	83	3297	0.078	ppbV	96
40) Tetrahydrofuran	9.842	42	43160	1.289	ppbV	99
42) 1,2-dichloroethane	10.217		0	N.D.		
44) hexane	9.292	57	844823	18.476	ppbV #	23

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441226.D
Acq On : 29 Sep 2025 11:48 PM
Operator : AIRPIANO4:KJD
Sample : L2560983-03D,3,9.98,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:10:27 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,1,1-trichloroethane	10.492		0	N.D.			
50) benzene	11.027	78	48435	0.645	ppbV		94
52) carbon tetrachloride	11.193		0	N.D.			
53) cyclohexane	11.347	56	186228	3.906	ppbV		97
56) 1,2-dichloropropane	11.833		0	N.D.			
57) bromodichloromethane	0.000		0	N.D.	d		
58) 1,4-dioxane	12.327		0	N.D.			
59) trichloroethene	0.000		0	N.D.			
60) 2,2,4-trimethylpentane	12.293	57	9622829	66.550	ppbV		98
62) heptane	12.607	43	253925	5.017	ppbV		93
63) cis-1,3-dichloropropene	0.000		0	N.D.			
64) 4-methyl-2-pentanone	0.000		0	N.D.	d		
65) trans-1,3-dichloropropene	0.000		0	N.D.			
66) 1,1,2-trichloroethane	14.025	97	2364	0.079	ppbV	#	1
68) toluene	14.375	91	124446	1.046	ppbV		98
72) 2-hexanone	0.000		0	N.D.	d		
74) dibromochloromethane	0.000		0	N.D.			
75) 1,2-dibromoethane	0.000		0	N.D.			
78) tetrachloroethene	15.517	166	6440	0.134	ppbV		93
80) chlorobenzene	0.000		0	N.D.	d		
81) ethylbenzene	16.483	91	21754	0.145	ppbV		92
83) m+p-xylene	16.642	91	682326	5.670	ppbV		92
84) bromoform	0.000		0	N.D.			
85) styrene	16.967	104	7685	0.079	ppbV	#	91
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d		
87) o-xylene	17.067	91	310326	2.627	ppbV		90
96) 4-ethyl toluene	18.133	105	56732M6	0.371	ppbV		
97) 1,3,5-trimethylbenzene	18.200	105	225094	1.702	ppbV		97
99) 1,2,4-trimethylbenzene	18.550	105	55982	0.420	ppbV	#	58
101) Benzyl Chloride	0.000		0	N.D.	d		
102) 1,3-dichlorobenzene	0.000		0	N.D.			
103) 1,4-dichlorobenzene	0.000		0	N.D.			
107) 1,2-dichlorobenzene	0.000		0	N.D.			
115) 1,2,4-trichlorobenzene	0.000		0	N.D.			
116) naphthalene	0.000		0	N.D.	d		
119) hexachlorobutadiene	0.000		0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441226.D
Acq On : 29 Sep 2025 11:48 PM
Operator : AIRPIANO4:KJD
Sample : L2560983-03D,3,9.98,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:10:27 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

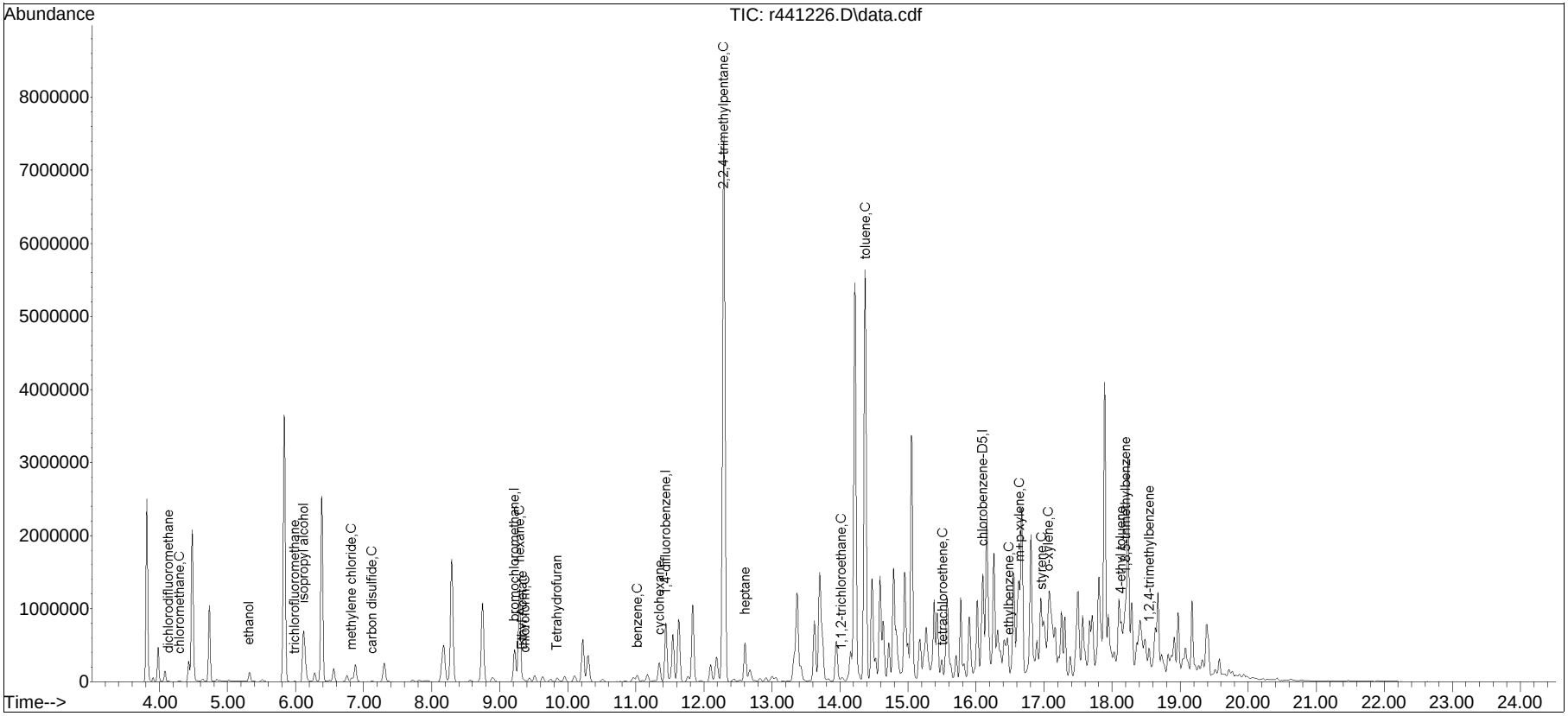
CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : TO15-NY+Naphthalene - .

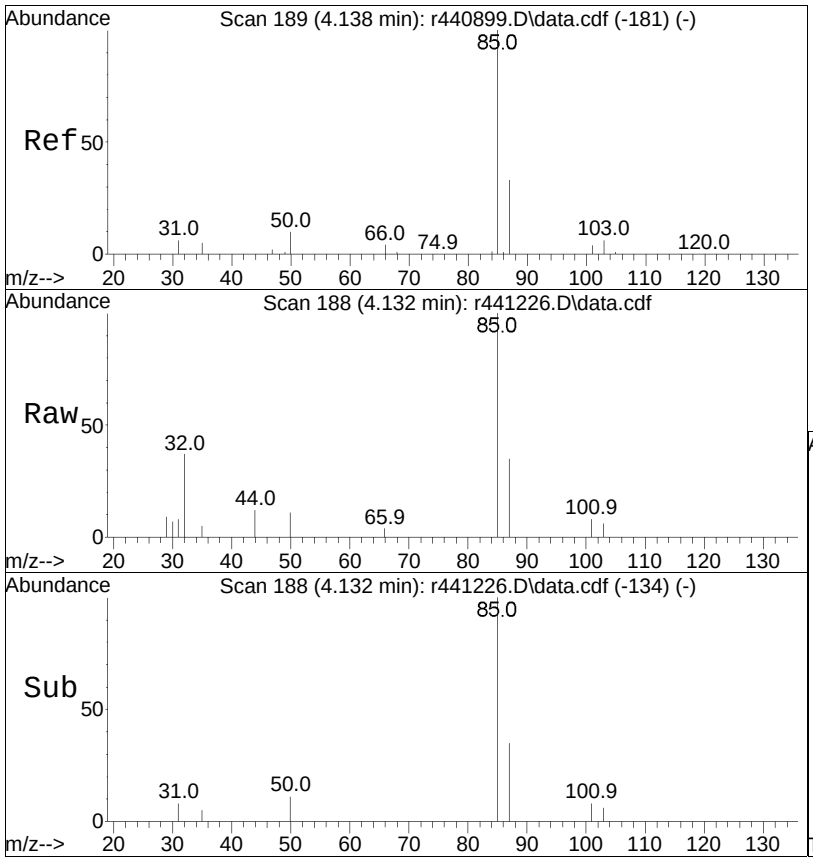
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .4\2025\09\0929T\r441211.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441226.D
Acq On : 29 Sep 2025 11:48 PM
Operator : AIRPIANO4:KJD
Sample : L2560983-03D,3,9.98,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:10:27 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

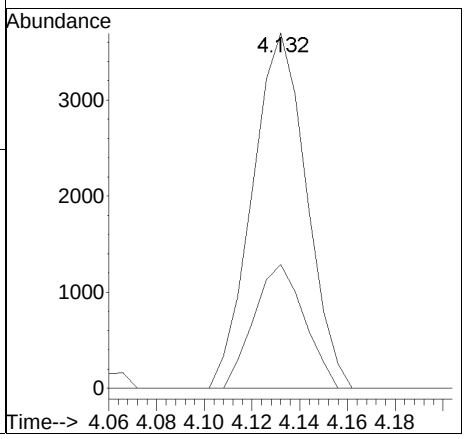


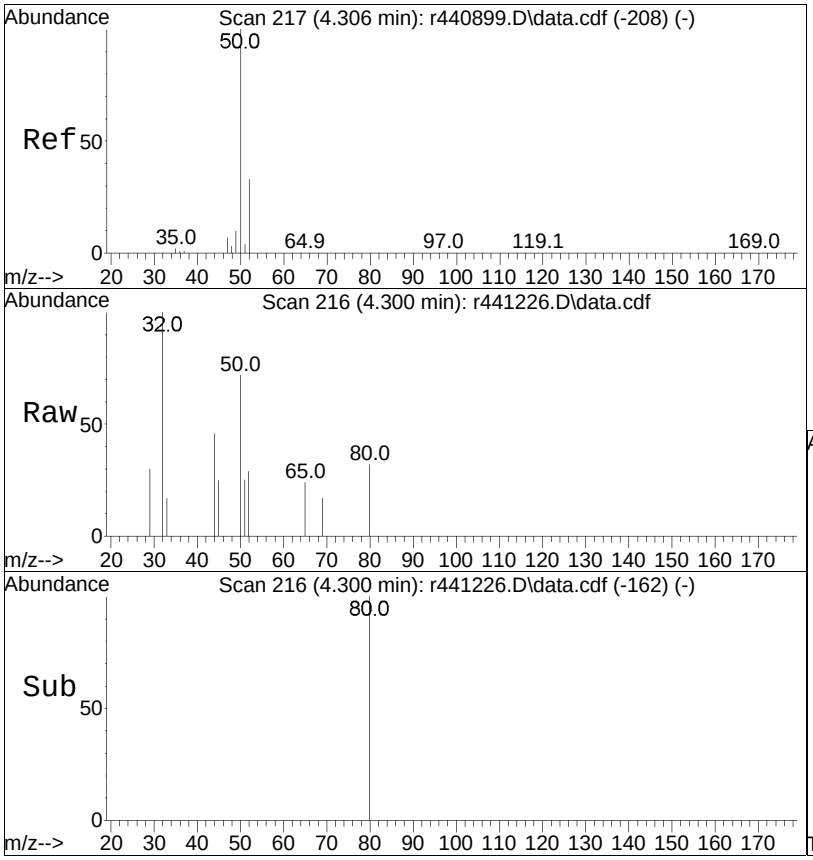


#5
dichlorodifluoromethane
Concen: 0.13 ppbV
RT: 4.132 min Scan# 188
Delta R.T. -0.006 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 85 Resp: 5828

Ion	Ratio	Lower	Upper
85	100		
87	34.9	26.1	39.1

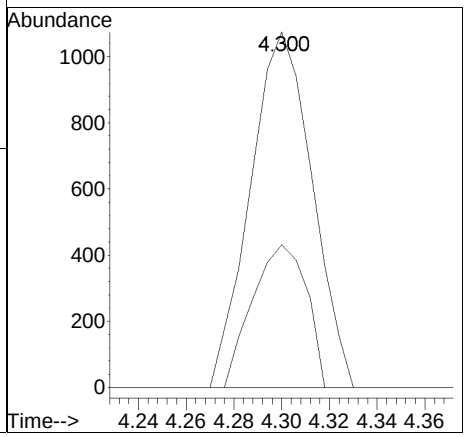


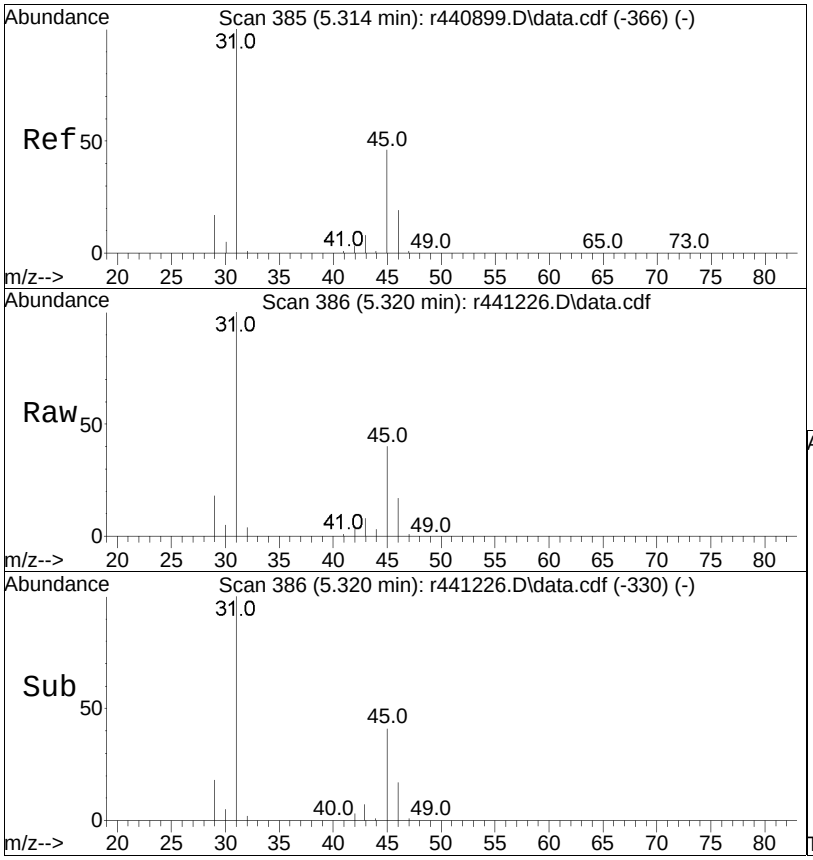


#6
chloromethane
Concen: 0.10 ppbV
RT: 4.300 min Scan# 216
Delta R.T. -0.006 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 50 Resp: 1932

Ion	Ratio	Lower	Upper
50	100		
52	40.1	26.6	40.0#

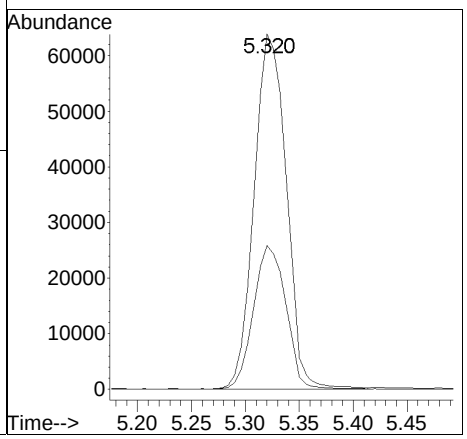


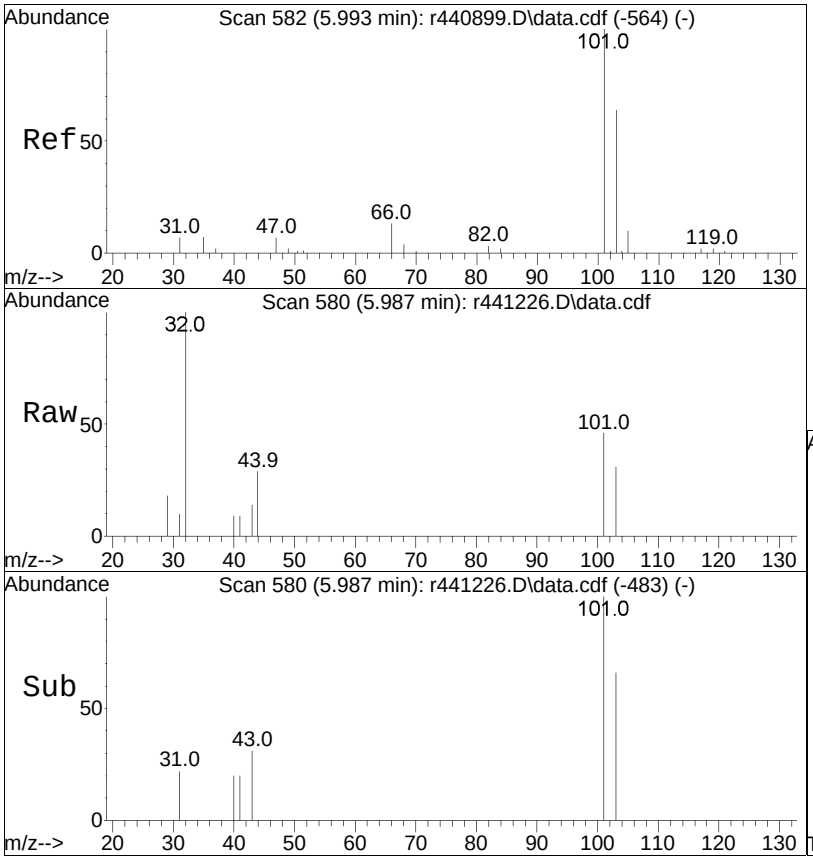


#15
ethanol
Concen: 6.03 ppbV
RT: 5.320 min Scan# 386
Delta R.T. 0.006 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 31 Resp: 92800

Ion	Ratio	Lower	Upper
31	100		
45	40.5	37.1	55.7

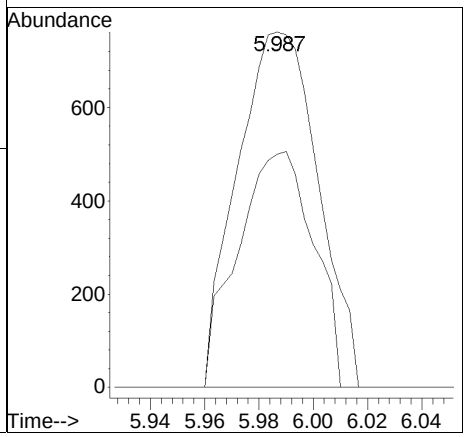


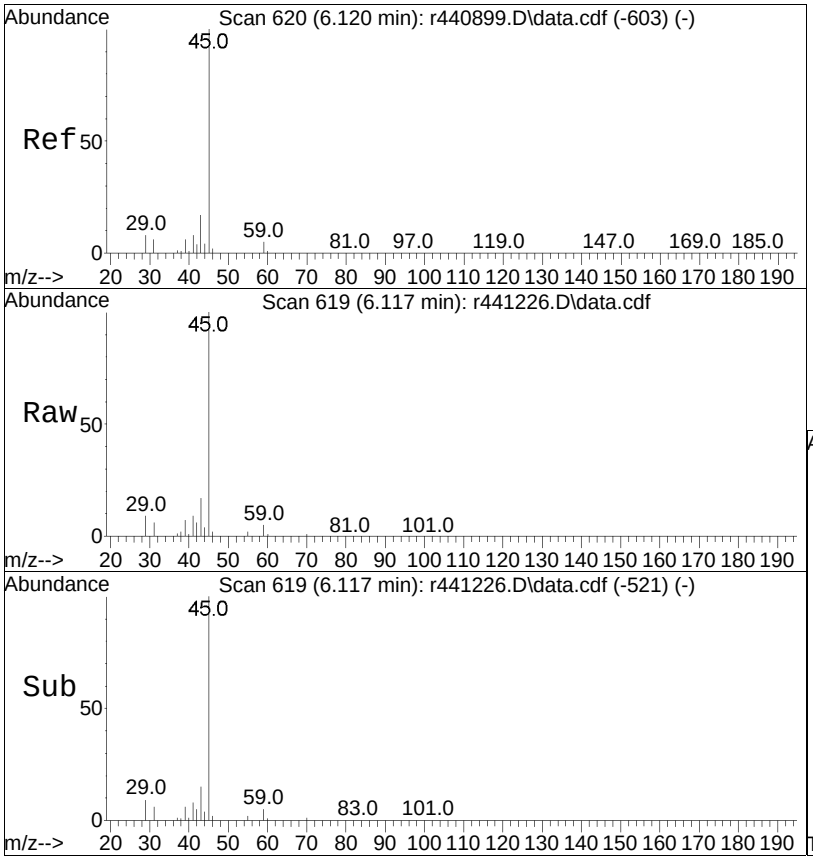


#21
trichlorofluoromethane
Concen: 0.03 ppbV
RT: 5.987 min Scan# 580
Delta R.T. -0.007 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion:101 Resp: 1583

Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.1	76.7

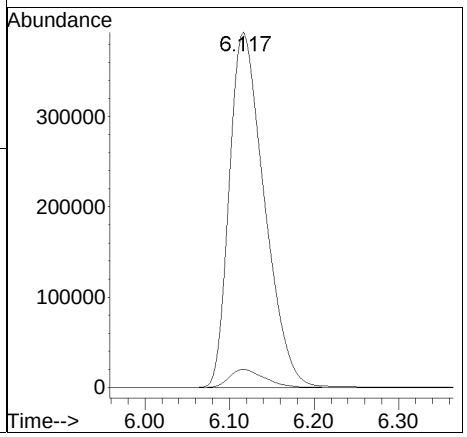


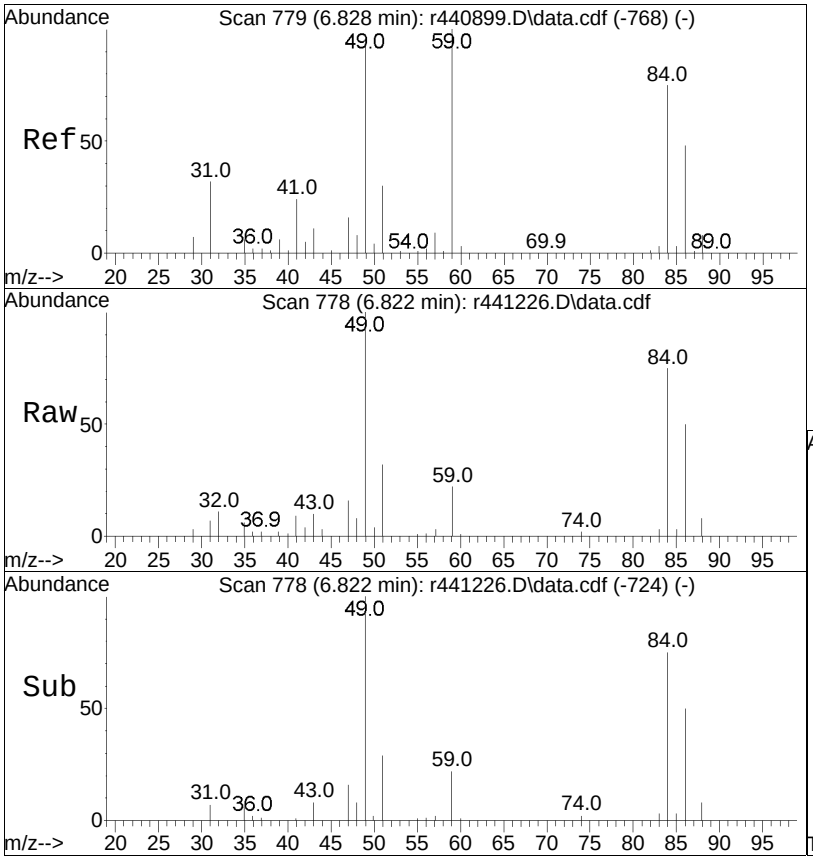


#22
isopropyl alcohol
Concen: 23.09 ppbV
RT: 6.117 min Scan# 619
Delta R.T. -0.003 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 45 Resp: 1132961

Ion	Ratio	Lower	Upper
45	100		
59	5.1	3.8	5.6

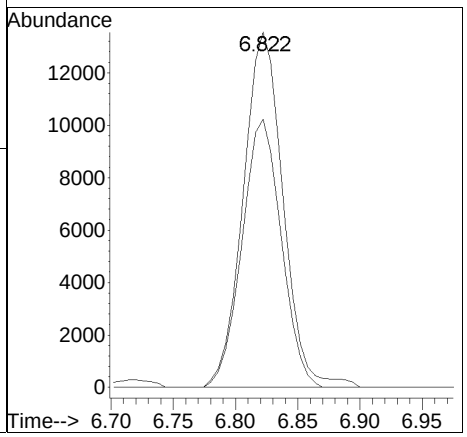


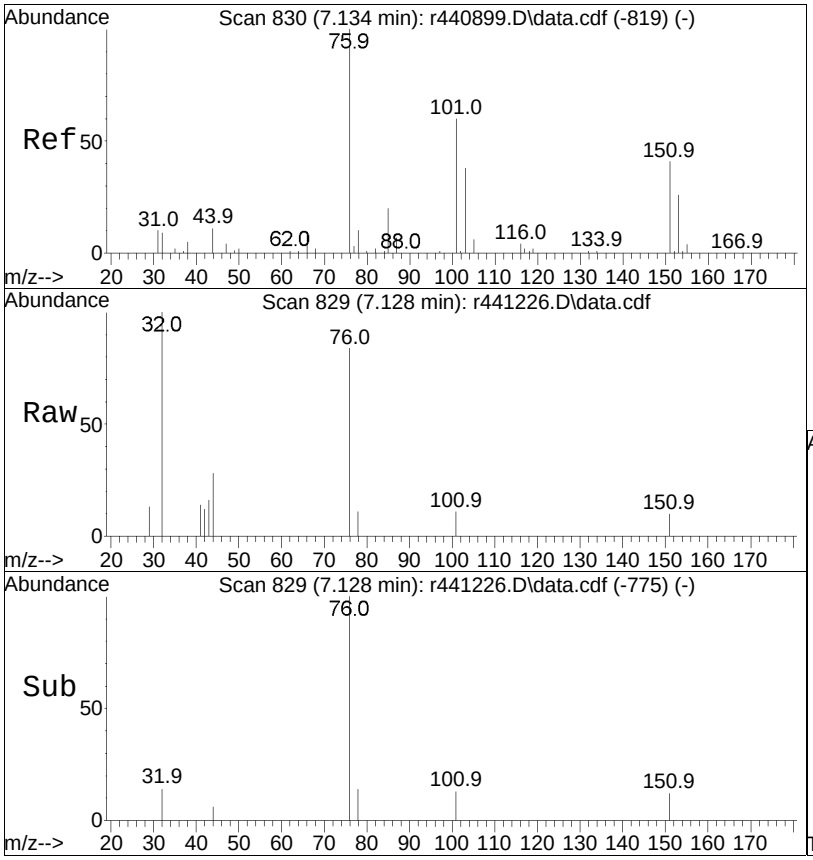


#28
methylene chloride
Concen: 1.13 ppbV
RT: 6.822 min Scan# 778
Delta R.T. -0.006 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 49 Resp: 30206

Ion	Ratio	Lower	Upper
49	100		
84	75.5	62.1	93.1

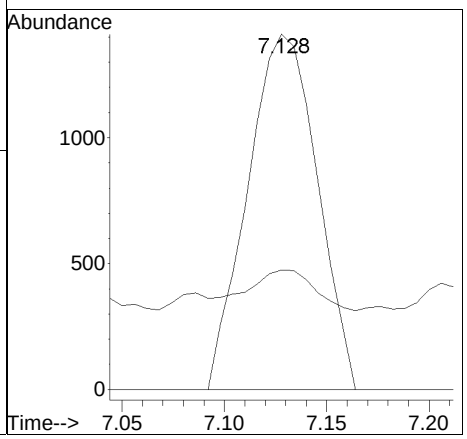


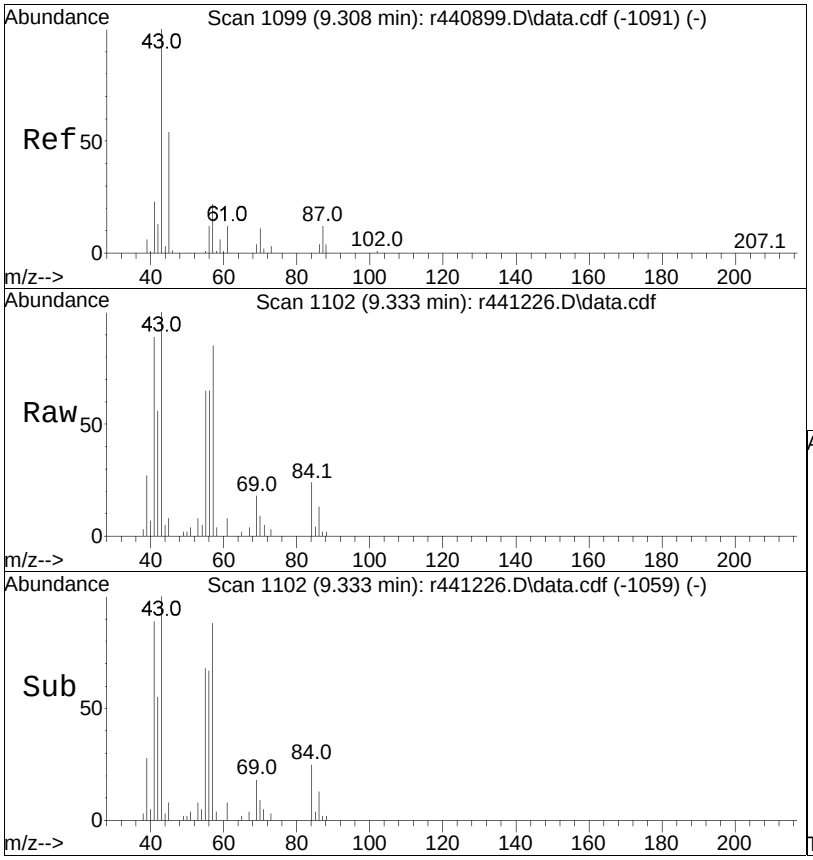


#30
carbon disulfide
Concen: 0.05 ppbV
RT: 7.128 min Scan# 829
Delta R.T. -0.006 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 76 Resp: 3335

Ion	Ratio	Lower	Upper
76	100		
44	33.6	8.6	12.8#

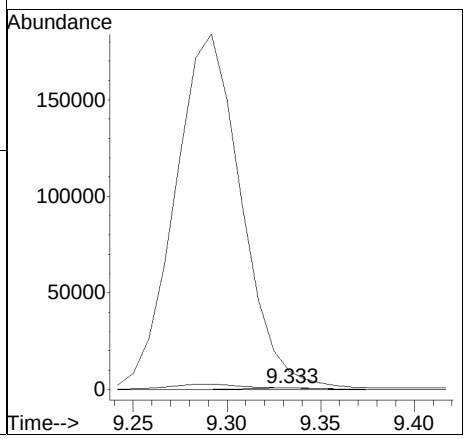


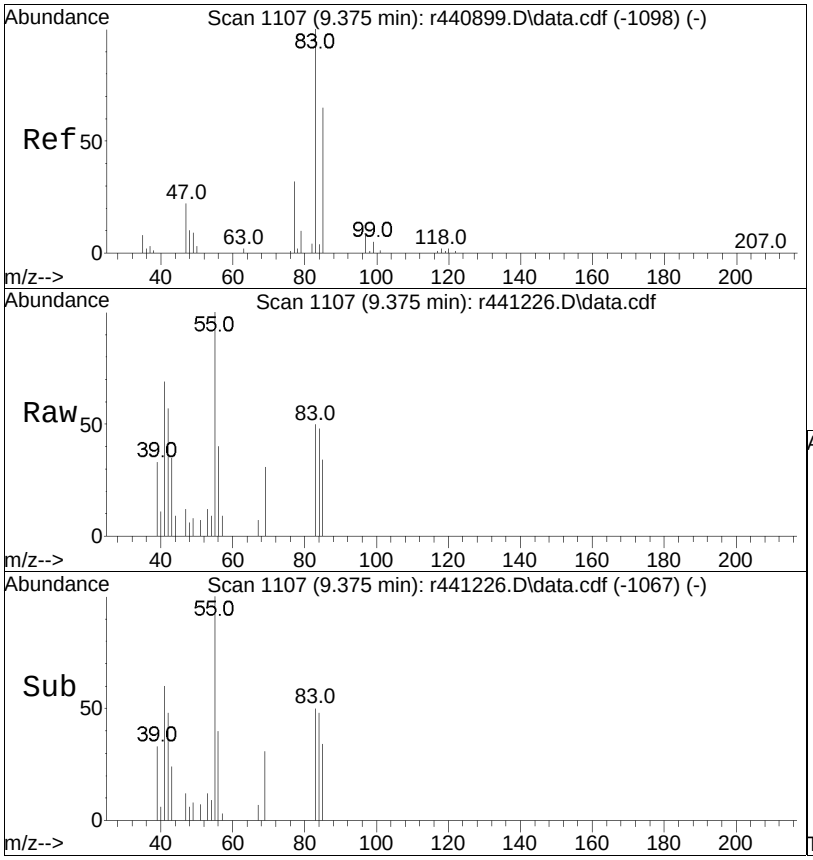


#38
Ethyl Acetate
Concen: 0.17 ppbV
RT: 9.333 min Scan# 1102
Delta R.T. 0.025 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 61 Resp: 1875

Ion	Ratio	Lower	Upper
61	100		
70	113.0	73.2	109.8#
43	1255.7	660.2	990.4#

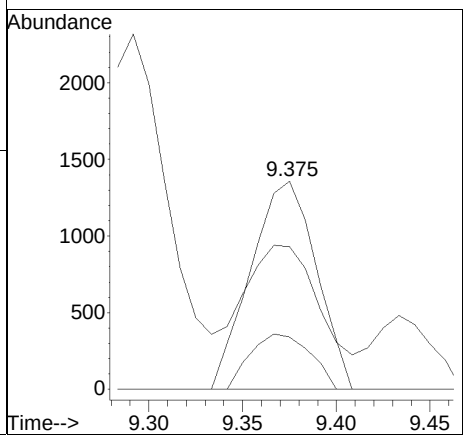


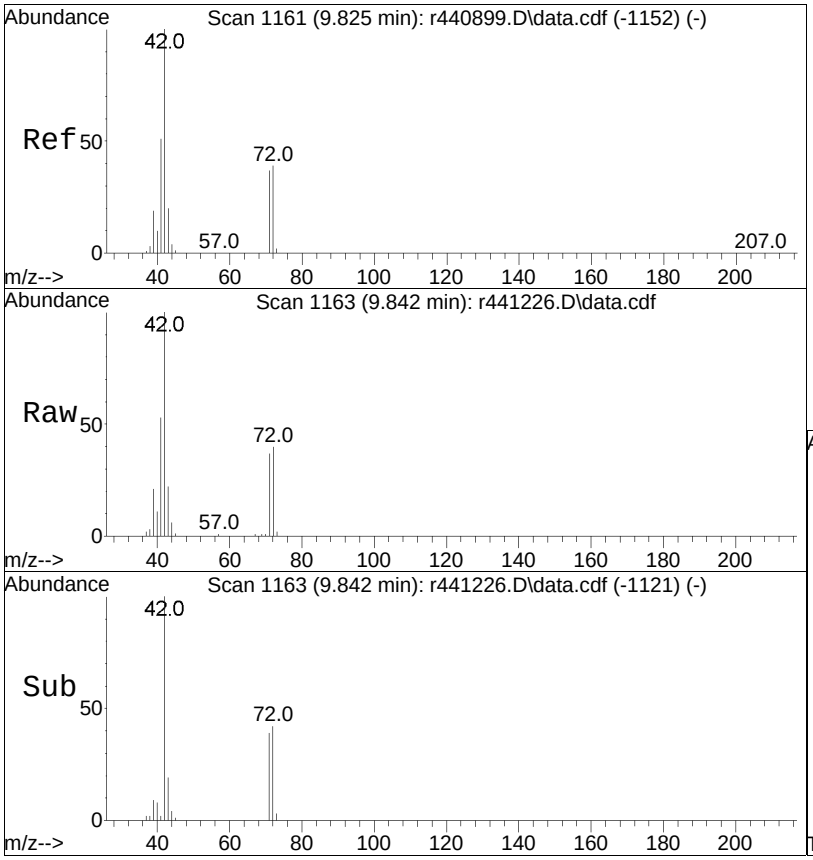


#39
chloroform
Concen: 0.08 ppbV
RT: 9.375 min Scan# 1107
Delta R.T. 0.000 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 83 Resp: 3297

Ion	Ratio	Lower	Upper
83	100		
85	68.6	52.5	78.7
47	25.1	18.2	27.4

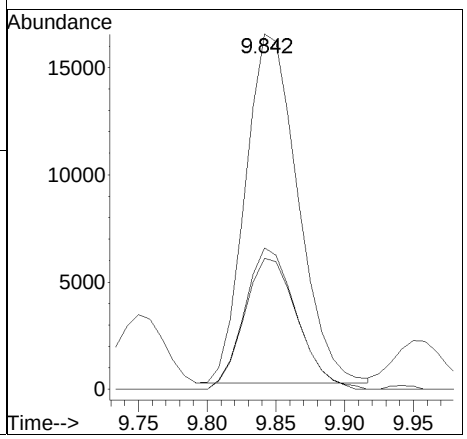


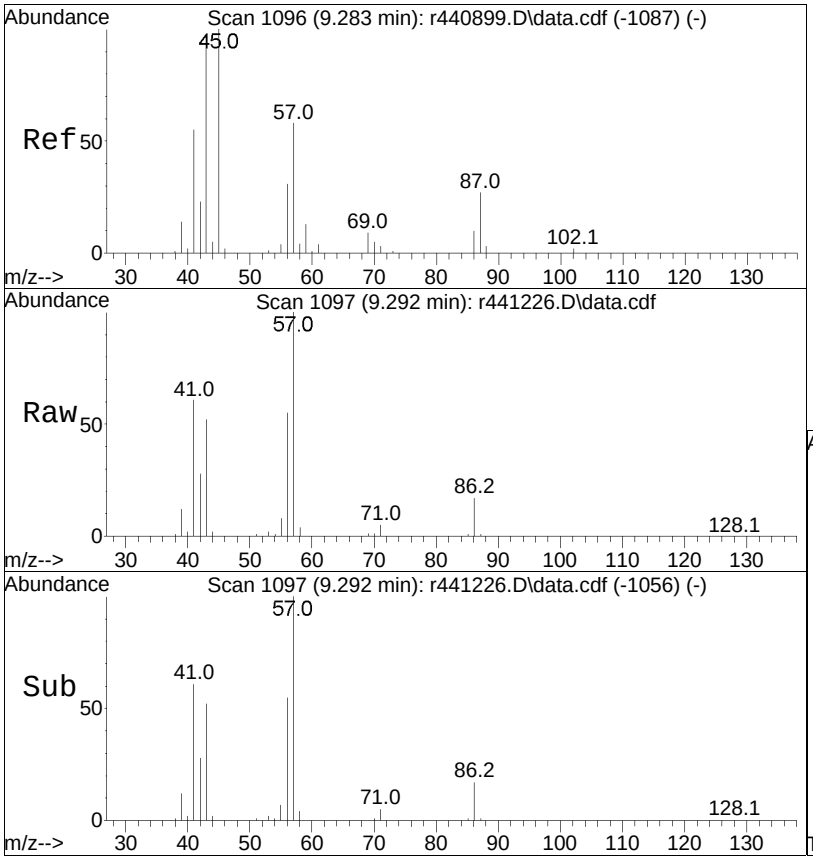


#40
Tetrahydrofuran
Concen: 1.29 ppbV
RT: 9.842 min Scan# 1163
Delta R.T. 0.017 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 42 Resp: 43160

Ion	Ratio	Lower	Upper
42	100		
71	36.9	29.7	44.5
72	39.8	31.1	46.7

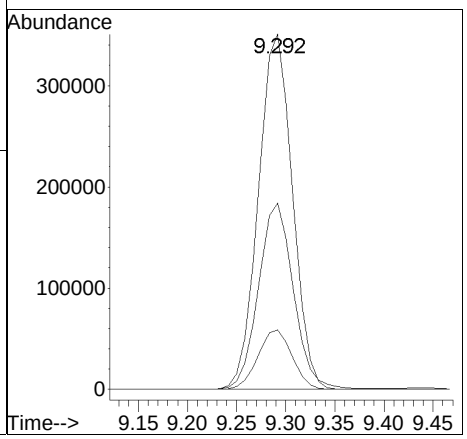


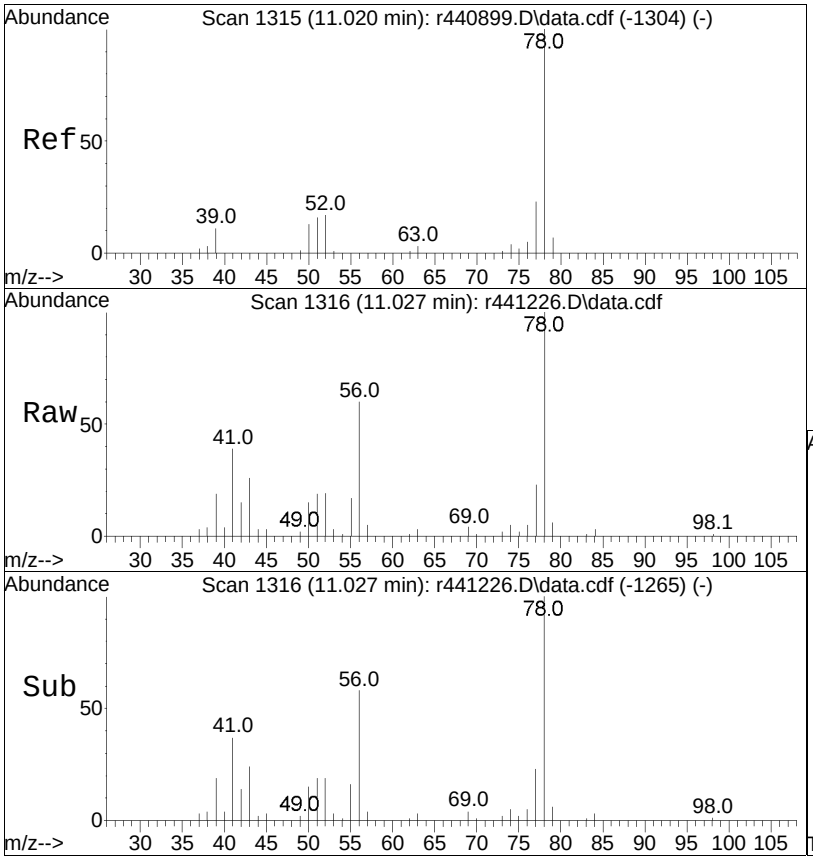


#44
hexane
Concen: 18.48 ppbV
RT: 9.292 min Scan# 1097
Delta R.T. 0.008 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 57 Resp: 844823

Ion	Ratio	Lower	Upper
57	100		
43	52.4	133.6	200.4#
86	16.8	13.8	20.6

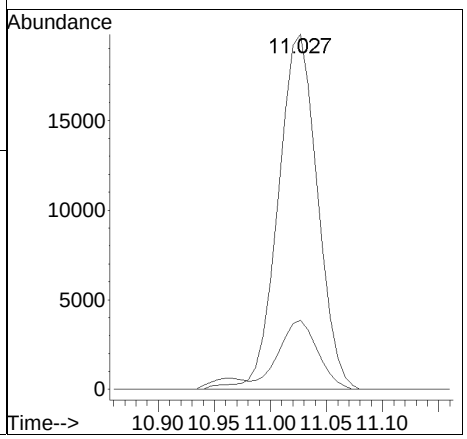


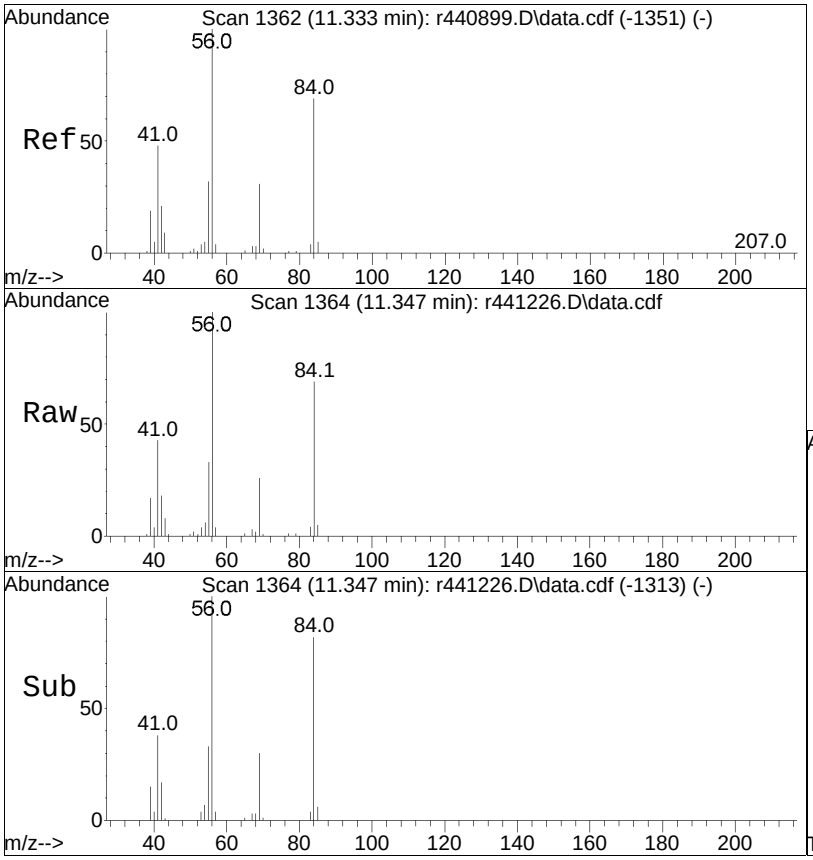


#50
benzene
Concen: 0.65 ppbV
RT: 11.027 min Scan# 1316
Delta R.T. 0.007 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 78 Resp: 48435

Ion	Ratio	Lower	Upper
78	100		
52	19.5	13.5	20.3

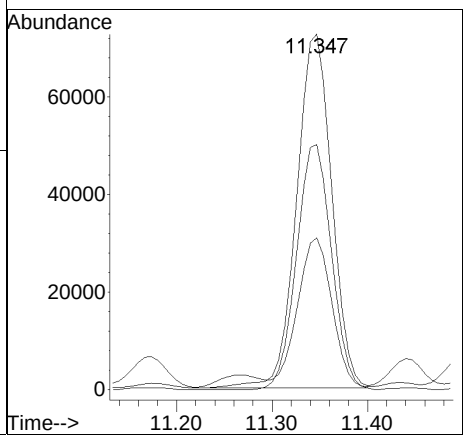


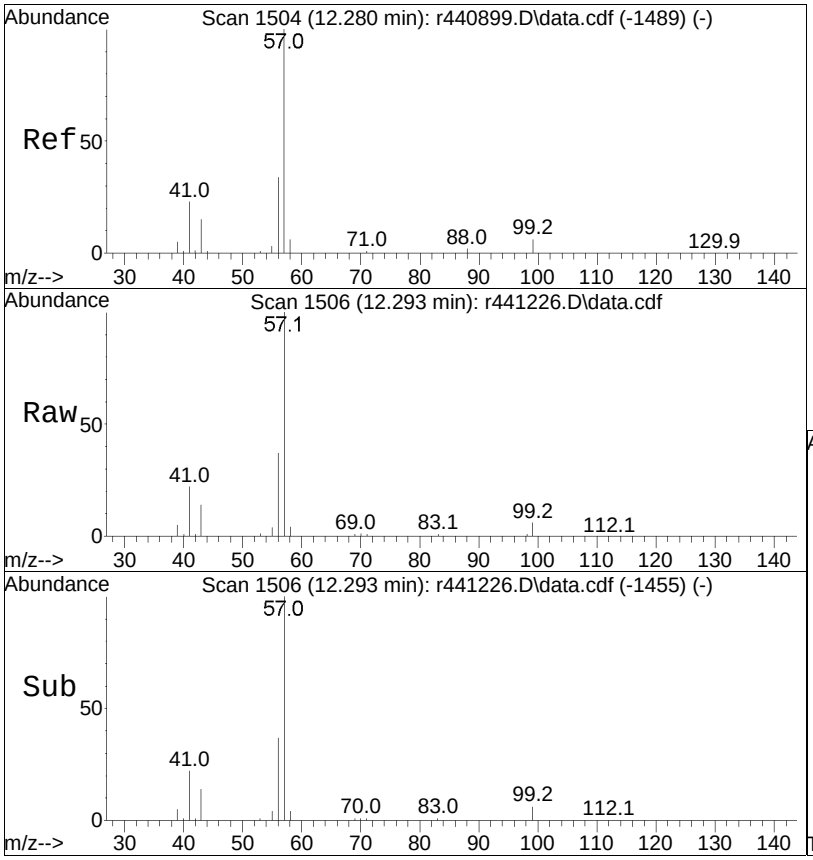


#53
cyclohexane
Concen: 3.91 ppbV
RT: 11.347 min Scan# 1364
Delta R.T. 0.013 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 56 Resp: 186228

Ion	Ratio	Lower	Upper
56	100		
84	68.9	55.5	83.3
41	42.7	38.2	57.4

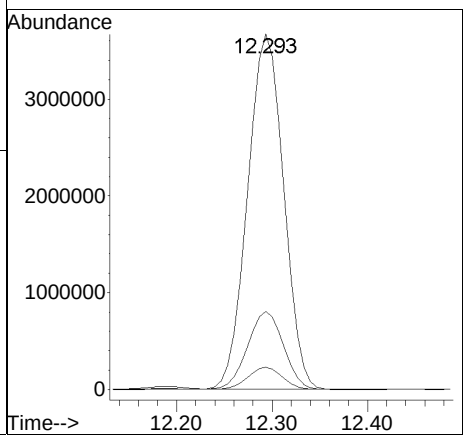


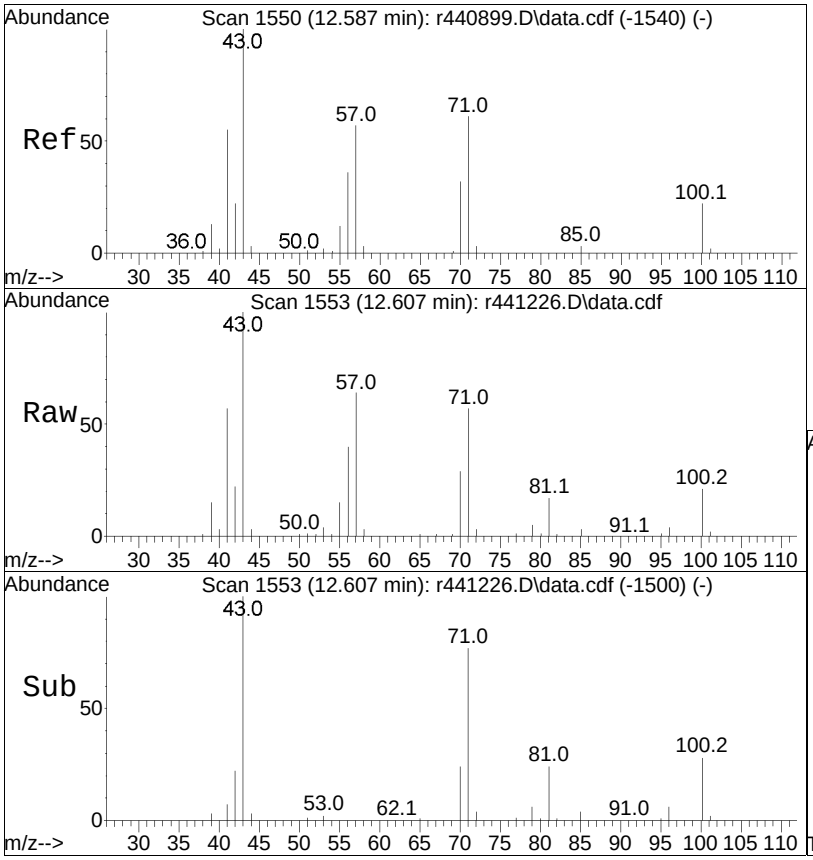


#60
2,2,4-trimethylpentane
Concen: 66.55 ppbV
RT: 12.293 min Scan# 1506
Delta R.T. 0.013 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 57 Resp: 9622829

Ion	Ratio	Lower	Upper
57	100		
99	6.3	4.8	7.2
41	22.0	18.2	27.4

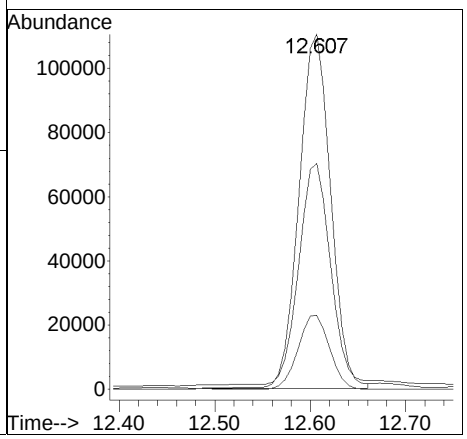


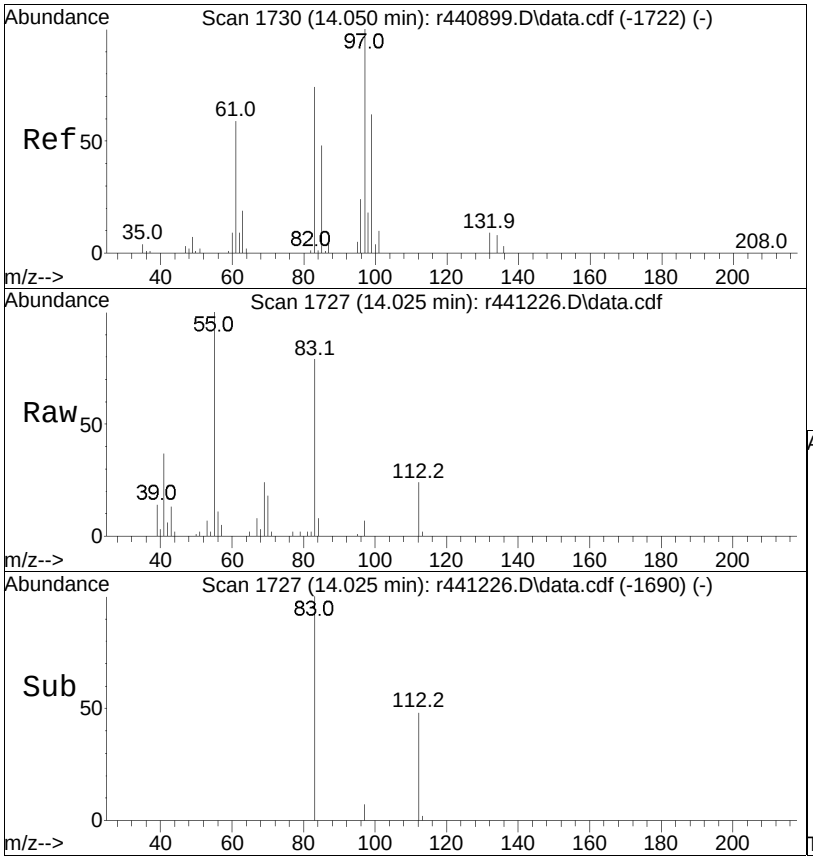


#62
heptane
Concen: 5.02 ppbV
RT: 12.607 min Scan# 1553
Delta R.T. 0.020 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 43 Resp: 253925

Ion	Ratio	Lower	Upper
43	100		
57	63.6	45.8	68.8
100	20.8	17.8	26.6

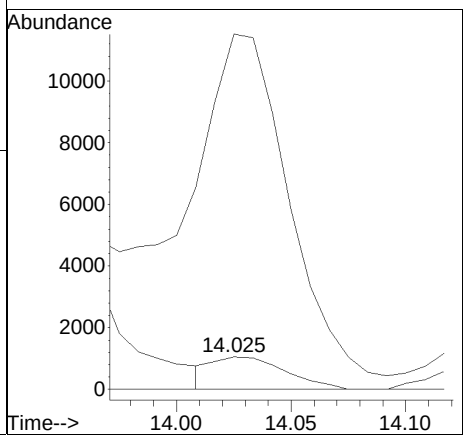


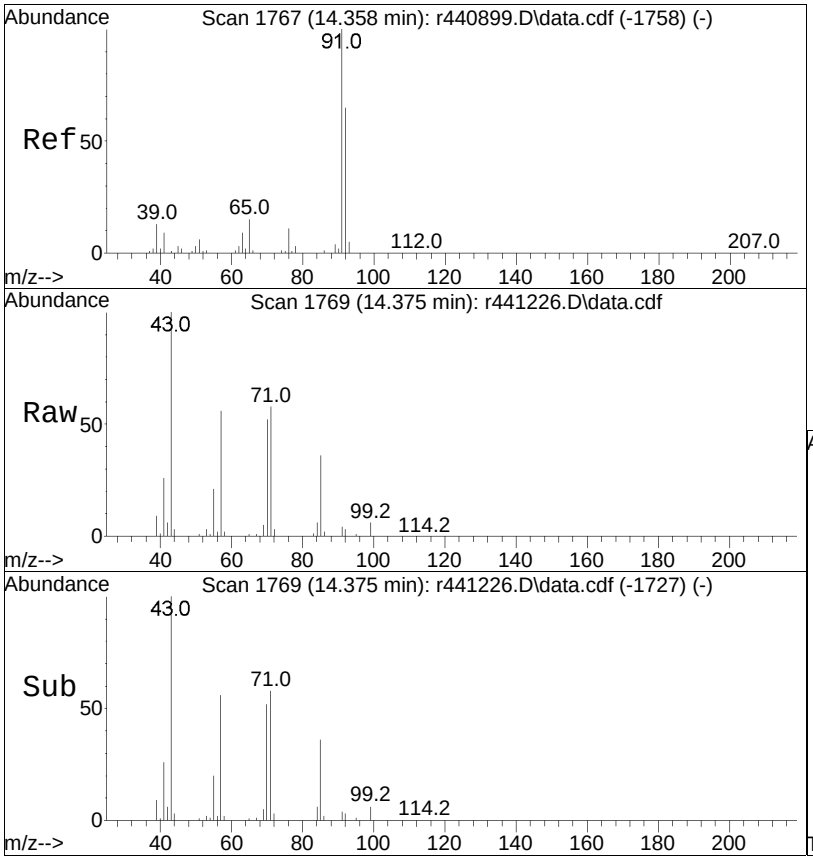


#66
1,1,2-trichloroethane
Concen: 0.08 ppbV
RT: 14.025 min Scan# 1727
Delta R.T. -0.025 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 97 Resp: 2364

Ion	Ratio	Lower	Upper
97	100		
83	1093.6	59.5	89.3#
61	0.0	47.0	70.4#

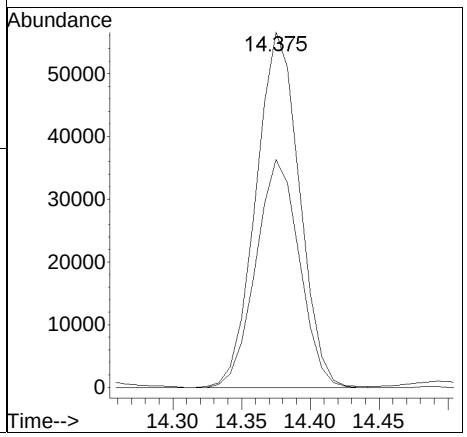


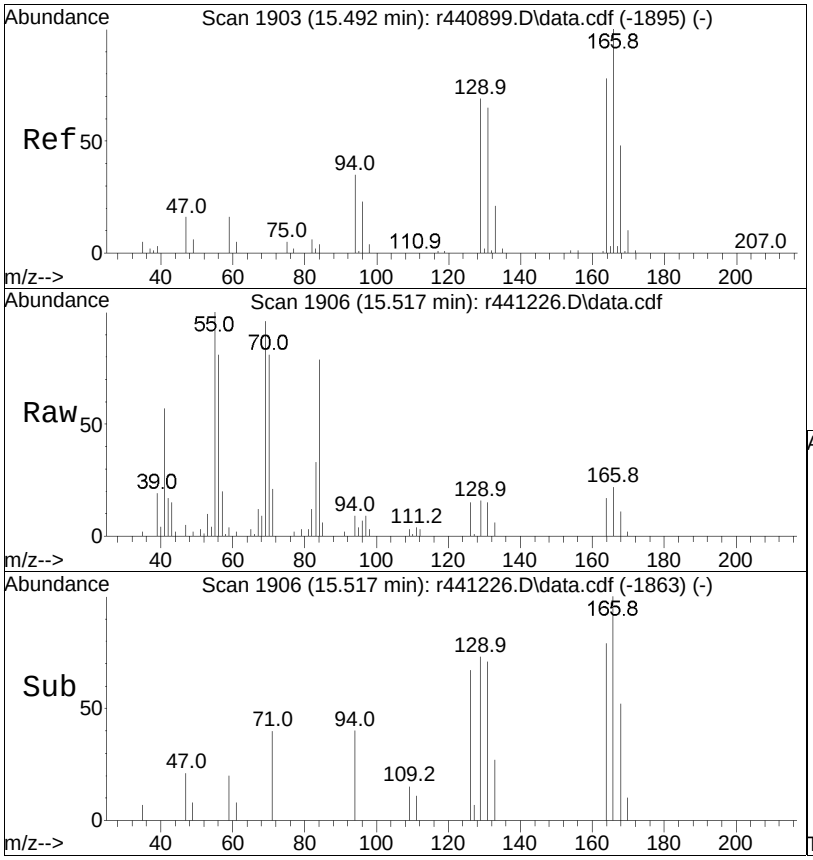


#68
toluene
Concen: 1.05 ppbV
RT: 14.375 min Scan# 1769
Delta R.T. 0.017 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 91 Resp: 124446

Ion	Ratio	Lower	Upper
91	100		
92	64.1	52.4	78.6

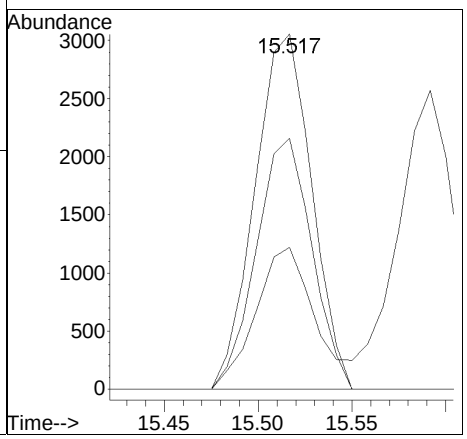


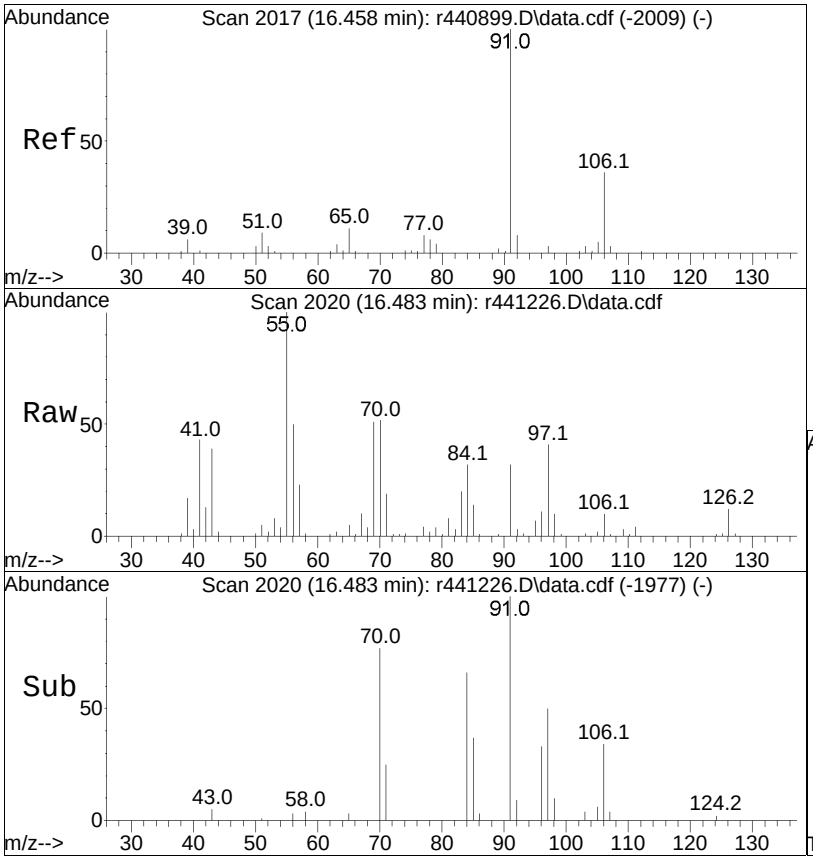


#78
tetrachloroethene
Concen: 0.13 ppbV
RT: 15.517 min Scan# 1906
Delta R.T. 0.025 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion:166 Resp: 6440

Ion	Ratio	Lower	Upper
166	100		
131	70.6	52.1	78.1
94	40.0	28.3	42.5

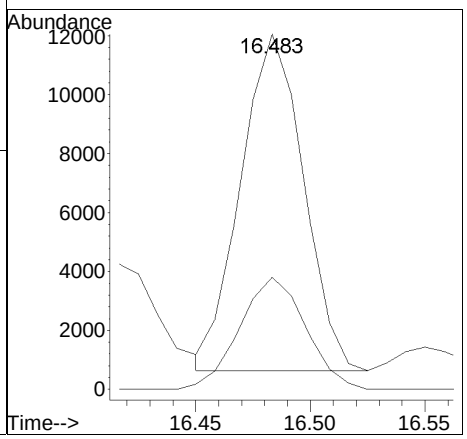


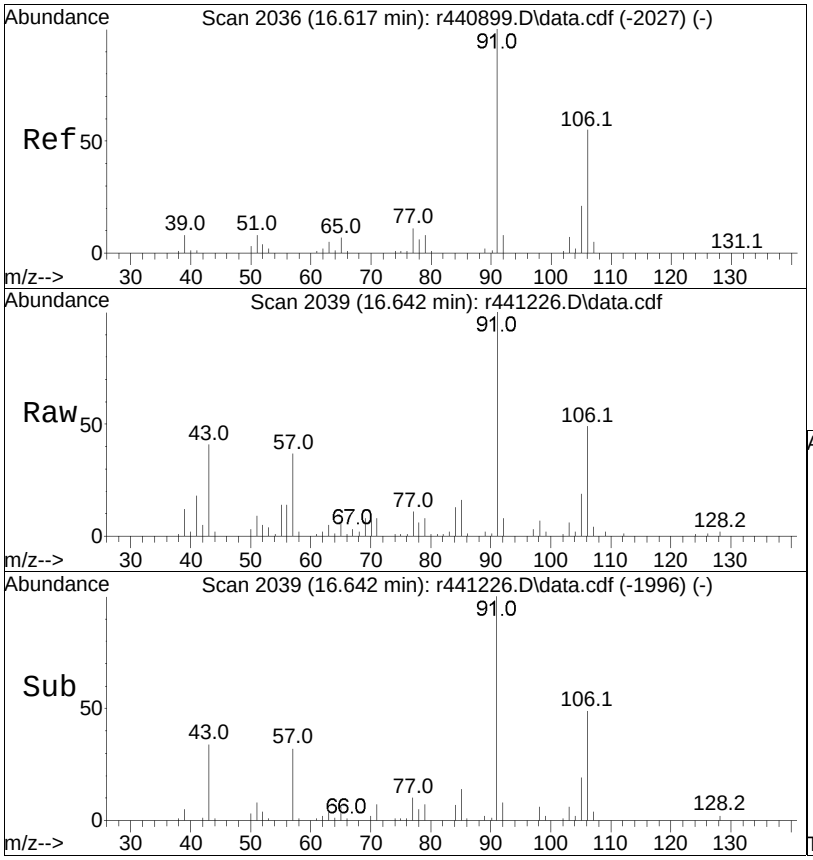


#81
ethylbenzene
Concen: 0.14 ppbV
RT: 16.483 min Scan# 2020
Delta R.T. 0.025 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 91 Resp: 21754

Ion	Ratio	Lower	Upper
91	100		
106	31.6	28.8	43.2

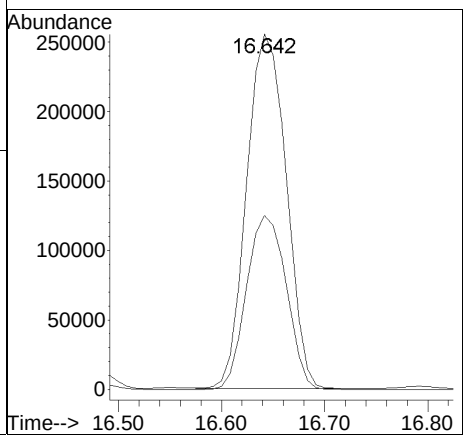


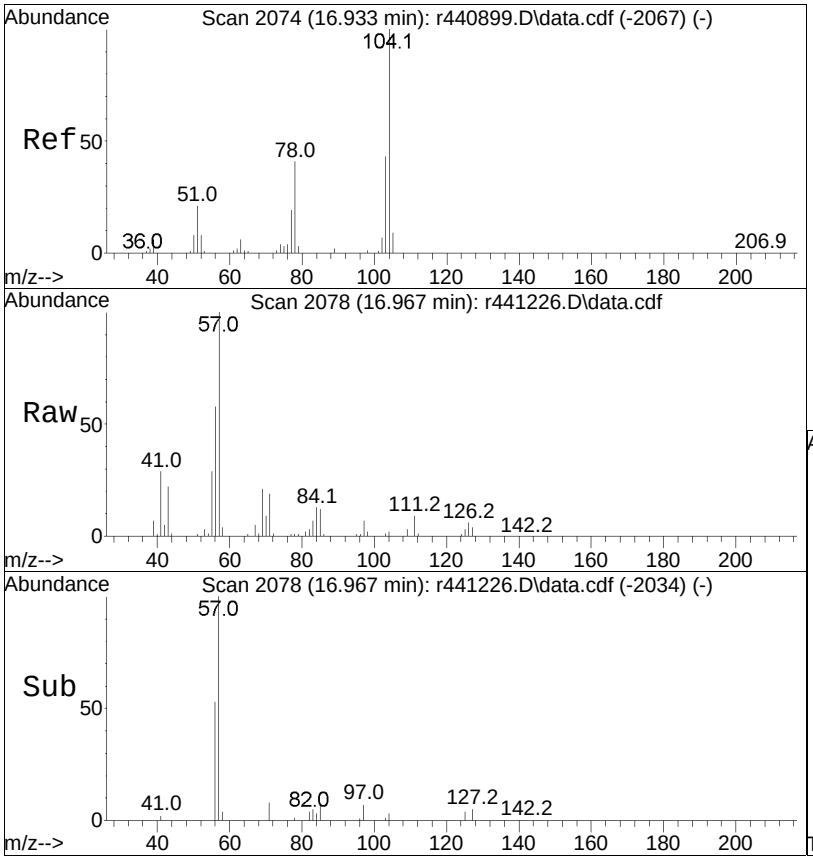


#83
m+p-xylene
Concen: 5.67 ppbV
RT: 16.642 min Scan# 2039
Delta R.T. 0.025 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 91 Resp: 682326

Ion	Ratio	Lower	Upper
91	100		
106	48.9	43.9	65.9

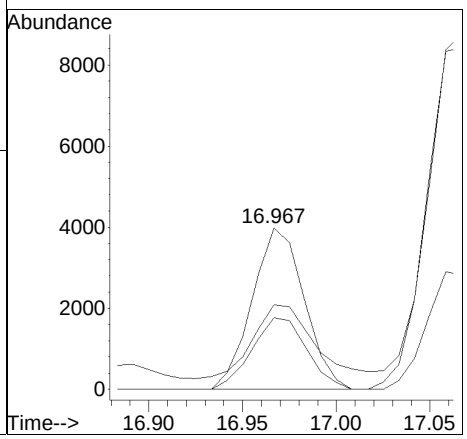


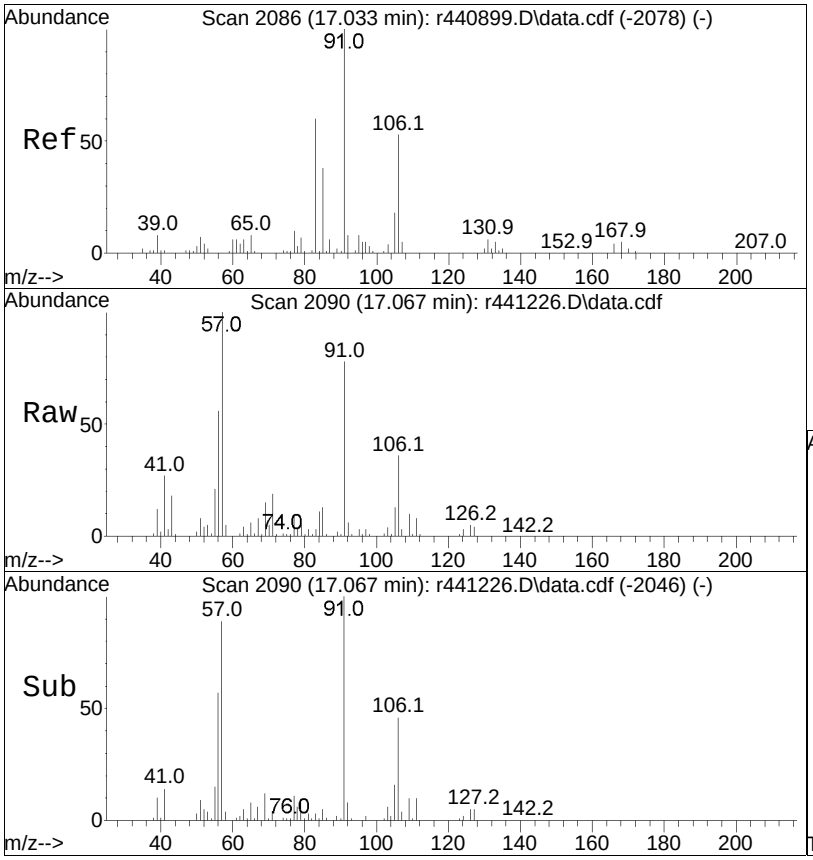


#85
styrene
Concen: 0.08 ppbV
RT: 16.967 min Scan# 2078
Delta R.T. 0.033 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion:104 Resp: 7685

Ion	Ratio	Lower	Upper
104	100		
103	44.4	34.7	52.1
78	52.4	33.1	49.7#

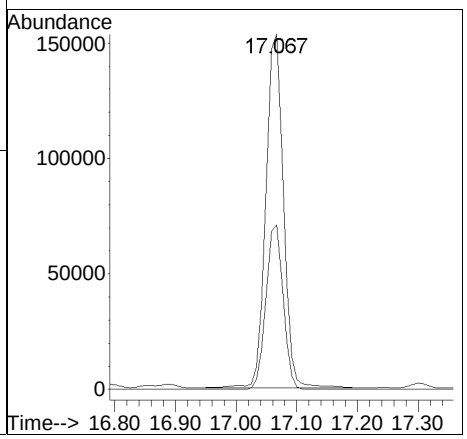


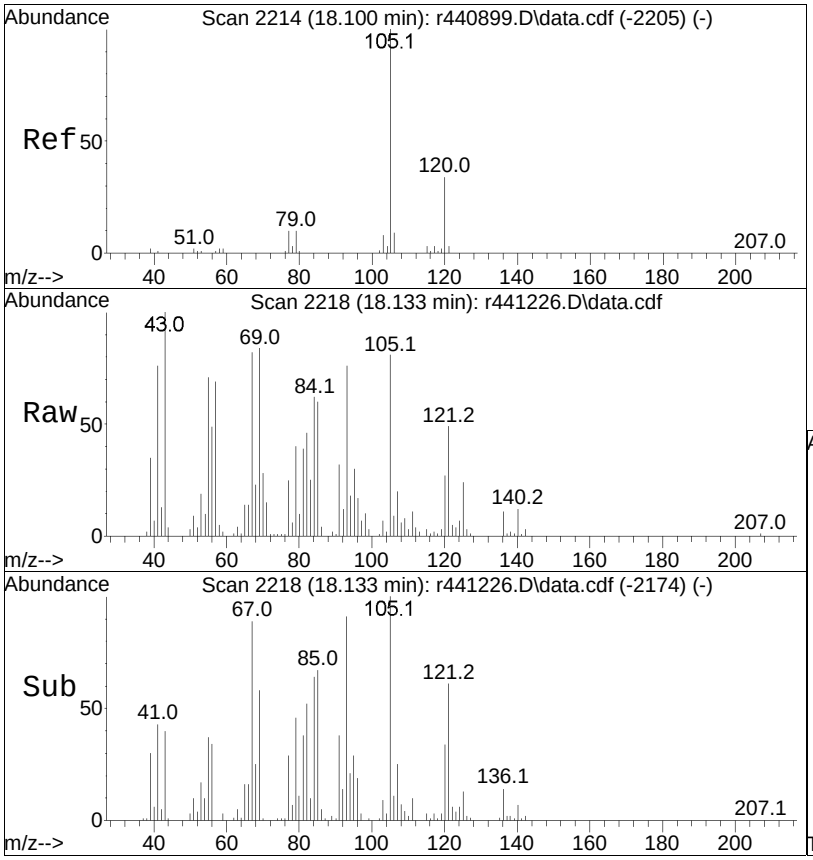


#87
o-xylene
Concen: 2.63 ppbV
RT: 17.067 min Scan# 2090
Delta R.T. 0.033 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion: 91 Resp: 310326

Ion	Ratio	Lower	Upper
91	100		
106	46.3	42.5	63.7

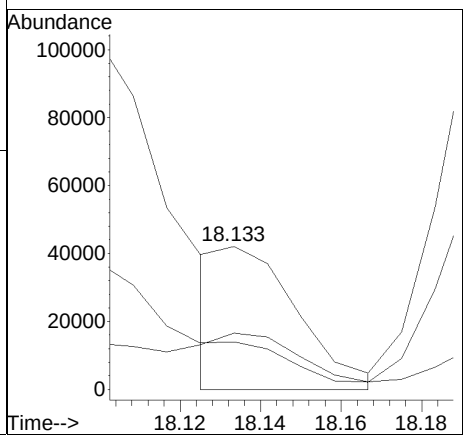


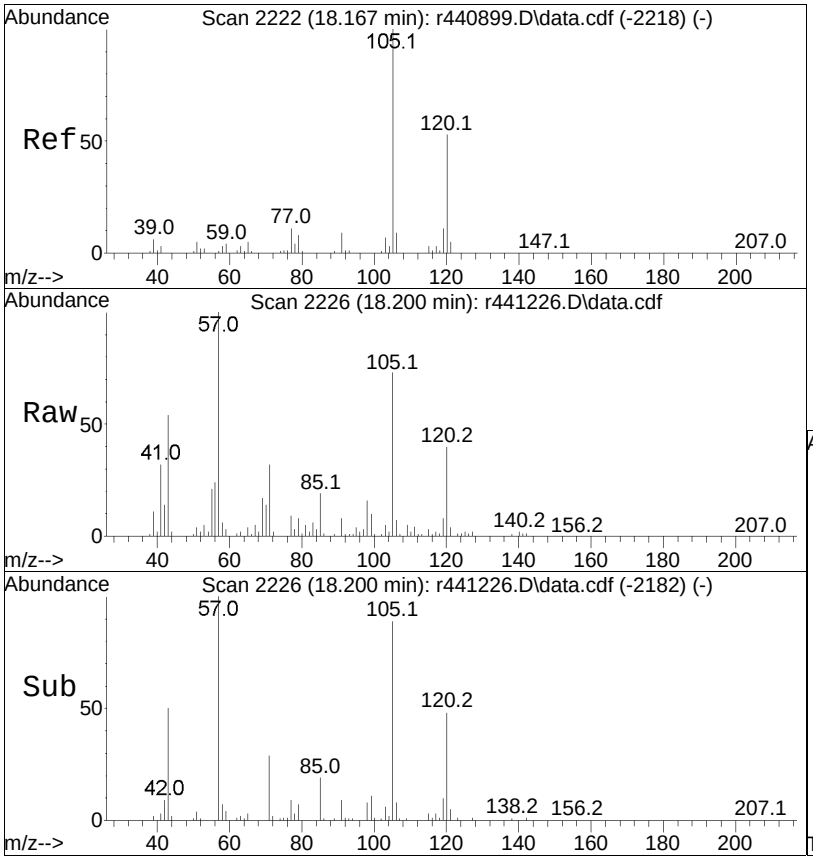


#96
4-ethyl toluene
Concen: 0.37 ppbV m
RT: 18.133 min Scan# 2218
Delta R.T. 0.033 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion:105 Resp: 56732

Ion	Ratio	Lower	Upper
105	100		
120	33.3	27.0	40.6
91	39.4	8.1	12.1#

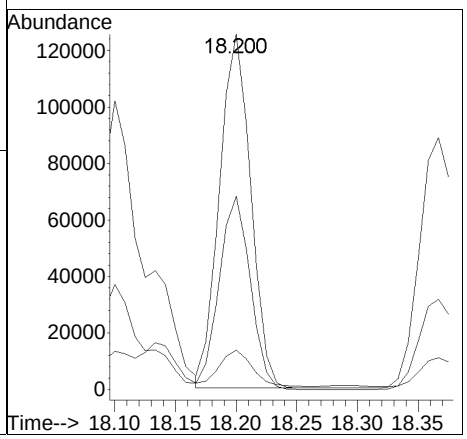


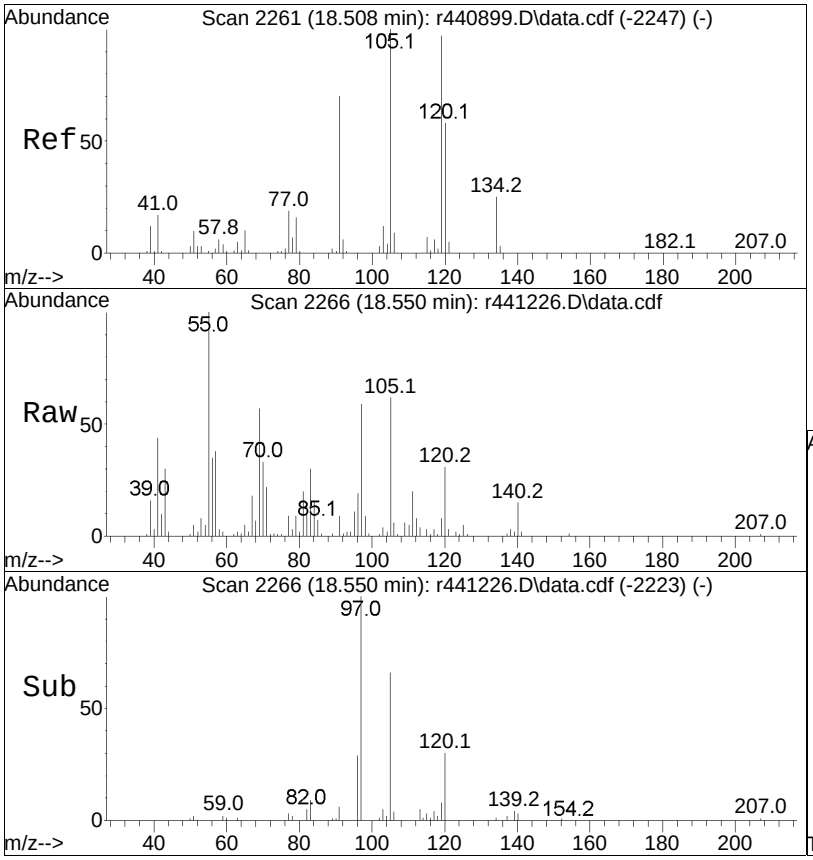


#97
1,3,5-trimethylbenzene
Concen: 1.70 ppbV
RT: 18.200 min Scan# 2226
Delta R.T. 0.033 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion:105 Resp: 225094

Ion	Ratio	Lower	Upper
105	100		
120	54.4	42.1	63.1
91	11.1	7.6	11.4

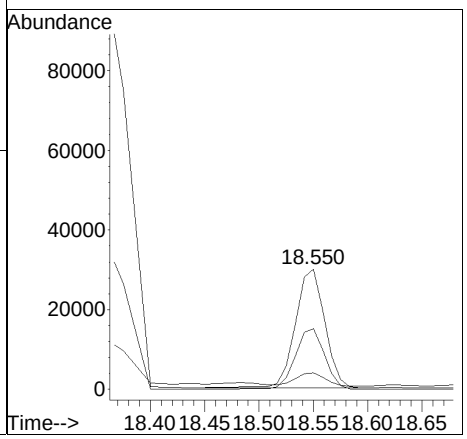




#99
1,2,4-trimethylbenzene
Concen: 0.42 ppbV
RT: 18.550 min Scan# 2266
Delta R.T. 0.042 min
Lab File: r441226.D
Acq: 29 Sep 2025 11:48 PM

Tgt Ion:105 Resp: 55982

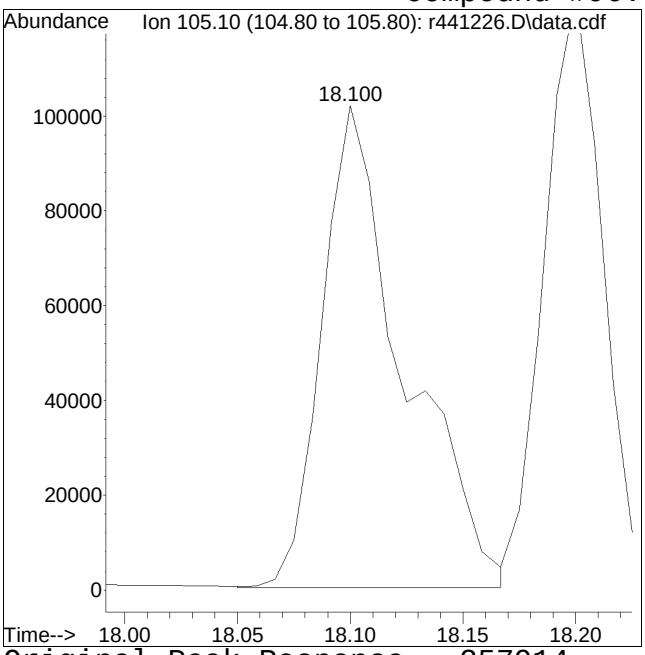
Ion	Ratio	Lower	Upper
105	100		
120	50.5	46.7	70.1
91	13.8	56.3	84.5#



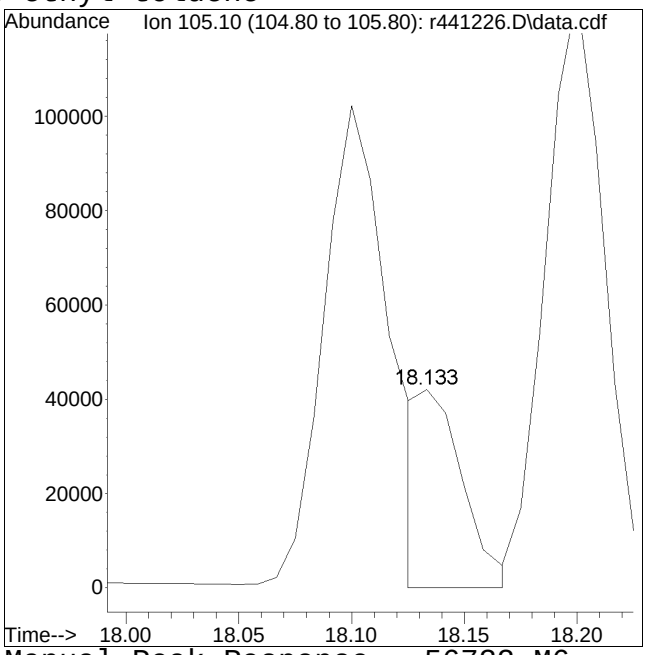
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r441226.D Operator : AIRPIANO4:KJD
Date Inj'd : 9/29/2025 11:48 PM Instrument :
Sample : L2560983-03D,3,9.98,250 Quant Date : 9/30/2025 7:10 am

Compound #96: 4-ethyl toluene



Original Peak Response = 257914



Manual Peak Response = 56732 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441227.D
Acq On : 30 Sep 2025 12:23 AM
Operator : AIRPIANO4:KJD
Sample : L2560983-04D,3,75,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:12:08 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.225	49	317741	10.000	ppbV	0.00
Standard Area = 285983			Recovery = 111.10%			
43) 1,4-difluorobenzene	11.440	114	851461	10.000	ppbV	0.00
Standard Area = 711740			Recovery = 119.63%			
67) chlorobenzene-D5	16.100	54	172608	10.000	ppbV	0.03
Standard Area = 145769			Recovery = 118.41%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	4.132		0	N.D.		
6) chloromethane	4.300	50	1756	0.091	ppbV	94
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.314	31	82931	5.321	ppbV	93
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.807	43	1948155M6	50.084	ppbV	
21) trichlorofluoromethane	5.990		0	N.D.		
22) isopropyl alcohol	6.107	45	1520278	30.577	ppbV	99
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	0.000		0	N.D.	d	
28) methylene chloride	6.822	49	475815	17.548	ppbV	99
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	7.128	76	22800	0.329	ppbV #	90
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	7.867		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	8.558	43	98608	1.526	ppbV	98
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.	d	
39) chloroform	9.375	83	6774	0.158	ppbV	96
40) Tetrahydrofuran	9.833	42	253512	7.472	ppbV	99
42) 1,2-dichloroethane	10.217	62	1163	0.032	ppbV #	24
44) hexane	9.292	57	833418	17.676	ppbV #	24

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441227.D
Acq On : 30 Sep 2025 12:23 AM
Operator : AIRPIANO4:KJD
Sample : L2560983-04D,3,75,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:12:08 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	10.500		0	N.D.		
50) benzene	11.027	78	201390	2.602	ppbV	97
52) carbon tetrachloride	11.193		0	N.D.		
53) cyclohexane	11.347	56	198020	4.028	ppbV	97
56) 1,2-dichloropropane	0.000		0	N.D. d		
57) bromodichloromethane	0.000		0	N.D. d		
58) 1,4-dioxane	0.000		0	N.D. d		
59) trichloroethene	0.000		0	N.D. d		
60) 2,2,4-trimethylpentane	12.293	57	9427108	63.227	ppbV	99
62) heptane	12.607	43	332461	6.371	ppbV	94
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D. d		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D. d		
68) toluene	14.375	91	239284	1.995	ppbV	100
72) 2-hexanone	0.000		0	N.D. d		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D. d		
78) tetrachloroethene	15.517	166	24318	0.500	ppbV	96
80) chlorobenzene	0.000		0	N.D. d		
81) ethylbenzene	16.483	91	52303	0.345	ppbV	95
83) m+p-xylene	16.642	91	1461183	12.041	ppbV	96
84) bromoform	0.000		0	N.D.		
85) styrene	16.967	104	32490	0.330	ppbV	97
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D. d		
87) o-xylene	17.067	91	728113	6.113	ppbV	94
96) 4-ethyl toluene	18.133	105	171549M6	1.113	ppbV	
97) 1,3,5-trimethylbenzene	18.200	105	762759	5.720	ppbV	100
99) 1,2,4-trimethylbenzene	18.550	105	175326	1.305	ppbV #	55
101) Benzyl Chloride	0.000		0	N.D. d		
102) 1,3-dichlorobenzene	0.000		0	N.D. d		
103) 1,4-dichlorobenzene	0.000		0	N.D. d		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D. d		
116) naphthalene	0.000		0	N.D. d		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441227.D
Acq On : 30 Sep 2025 12:23 AM
Operator : AIRPIANO4:KJD
Sample : L2560983-04D,3,75,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:12:08 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

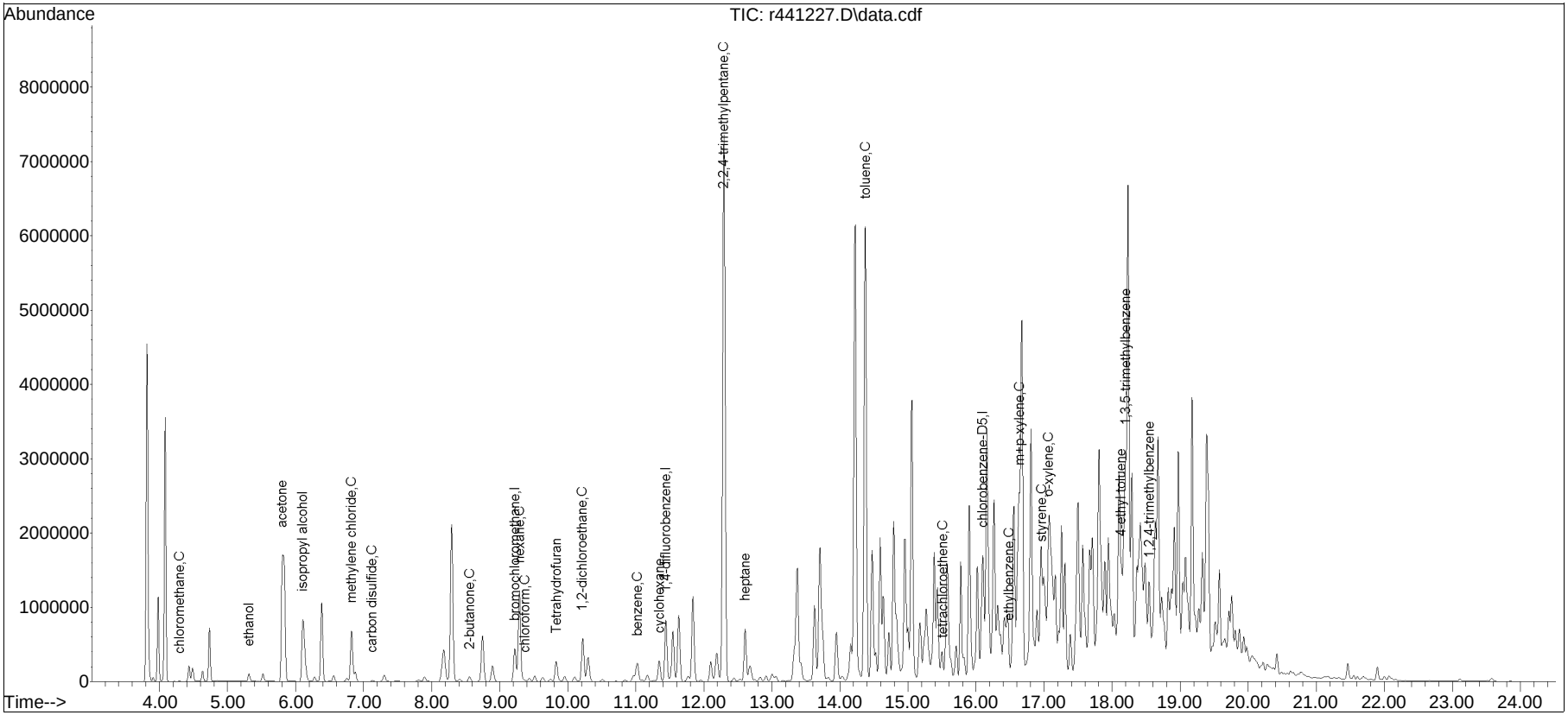
CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : TO15-NY+Naphthalene - .

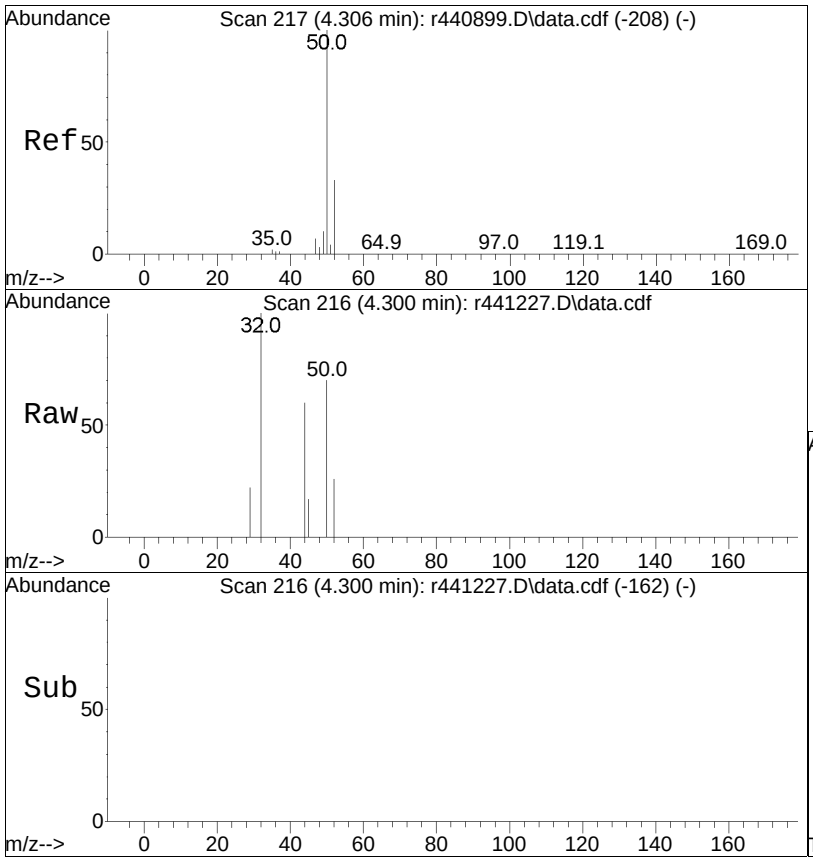
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .4\2025\09\0929T\r441211.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441227.D
Acq On : 30 Sep 2025 12:23 AM
Operator : AIRPIANO4:KJD
Sample : L2560983-04D,3,75,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:12:08 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

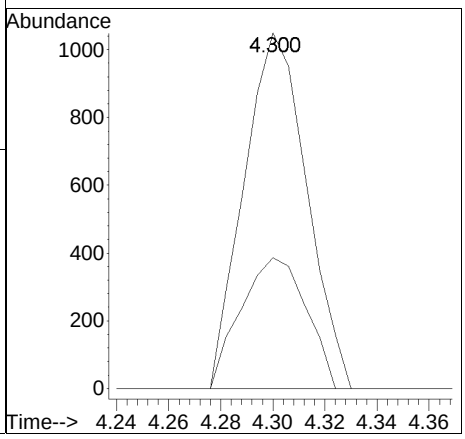


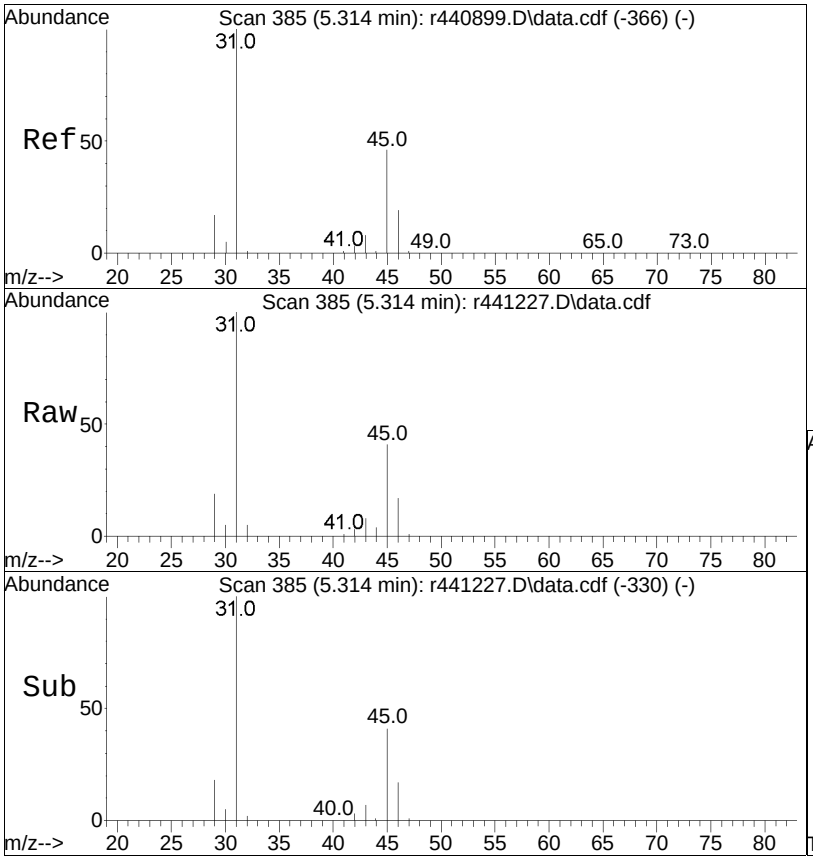


#6
chloromethane
Concen: 0.09 ppbV
RT: 4.300 min Scan# 216
Delta R.T. -0.006 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 50 Resp: 1756

Ion	Ratio	Lower	Upper
50	100		
52	36.8	26.6	40.0

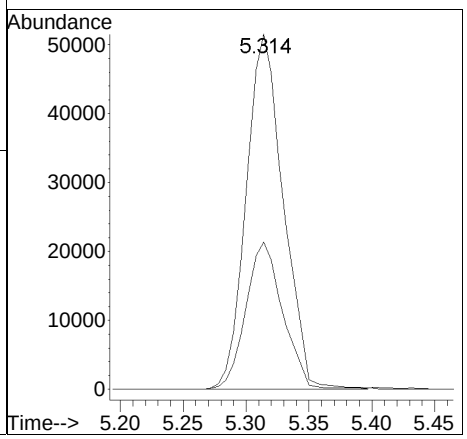


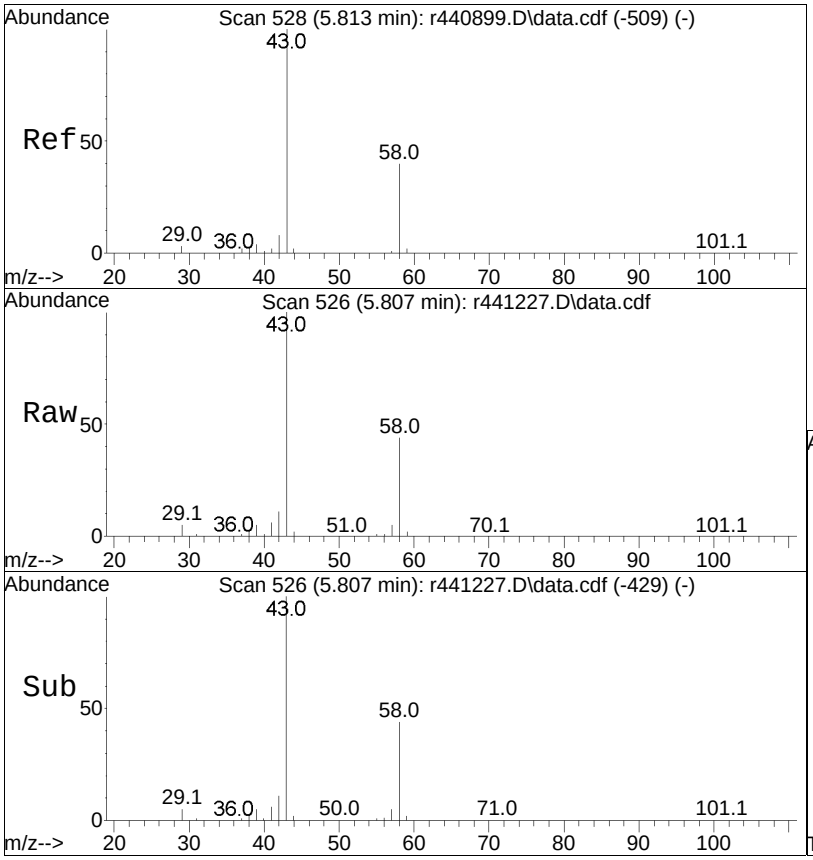


#15
ethanol
Concen: 5.32 ppbV
RT: 5.314 min Scan# 385
Delta R.T. 0.000 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 31 Resp: 82931

Ion	Ratio	Lower	Upper
31	100		
45	41.4	37.1	55.7

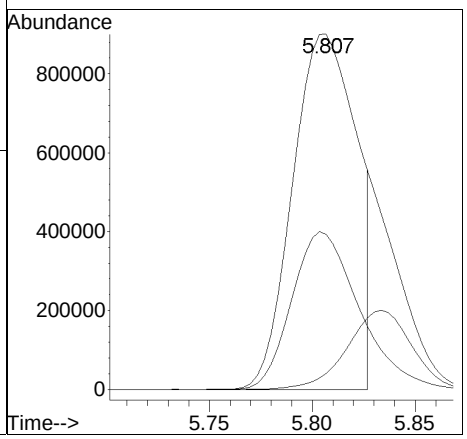


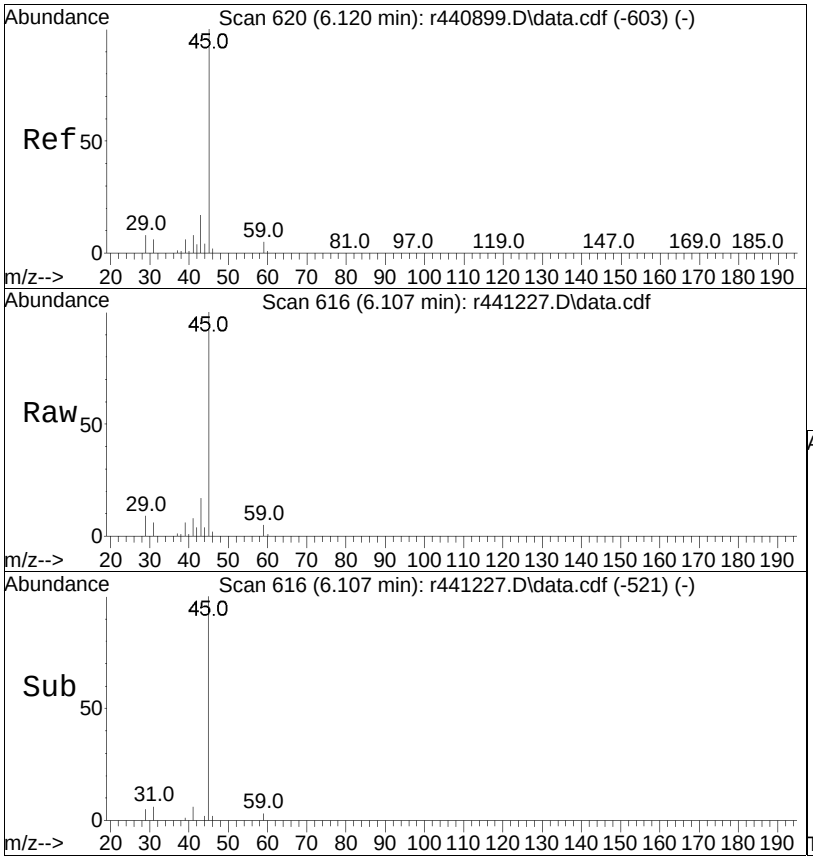


#19
acetone
Concen: 50.08 ppbV m
RT: 5.807 min Scan# 526
Delta R.T. -0.007 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 43 Resp: 1948155

Ion	Ratio	Lower	Upper
43	100		
58	43.6	32.2	48.4
57	4.5	0.9	1.3#

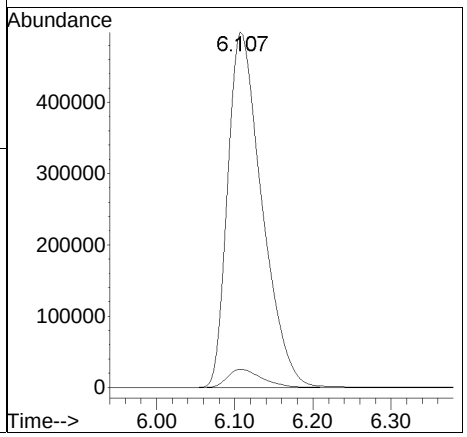


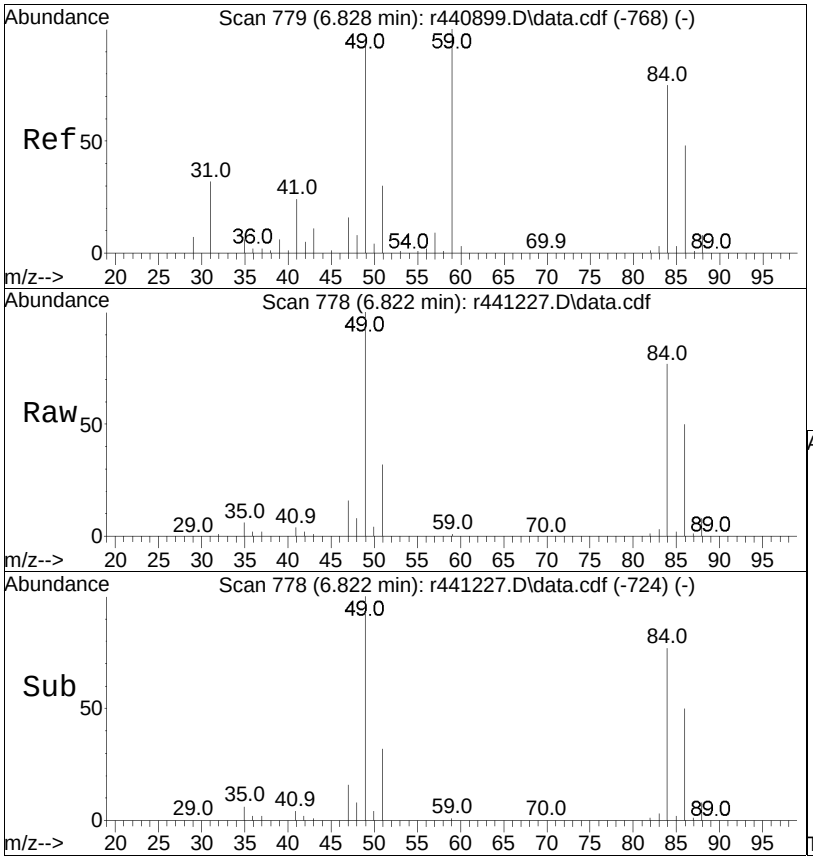


#22
isopropyl alcohol
Concen: 30.58 ppbV
RT: 6.107 min Scan# 616
Delta R.T. -0.013 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 45 Resp: 1520278

Ion	Ratio	Lower	Upper
45	100		
59	5.1	3.8	5.6

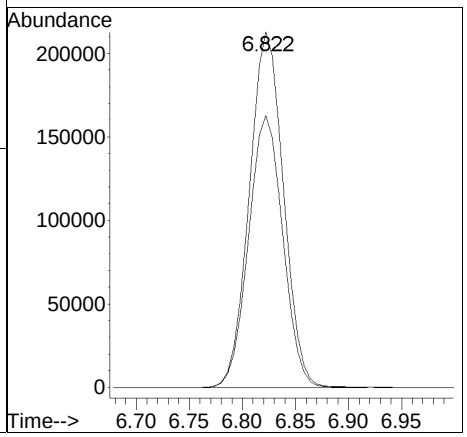


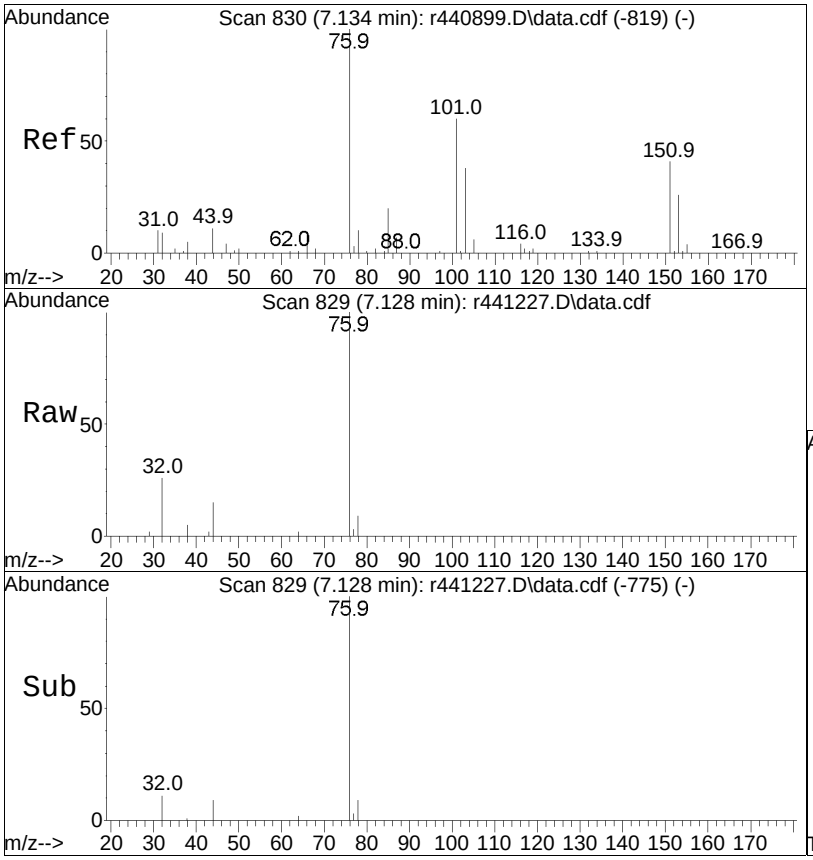


#28
methylene chloride
Concen: 17.55 ppbV
RT: 6.822 min Scan# 778
Delta R.T. -0.006 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 49 Resp: 475815

Ion	Ratio	Lower	Upper
49	100		
84	76.5	62.1	93.1

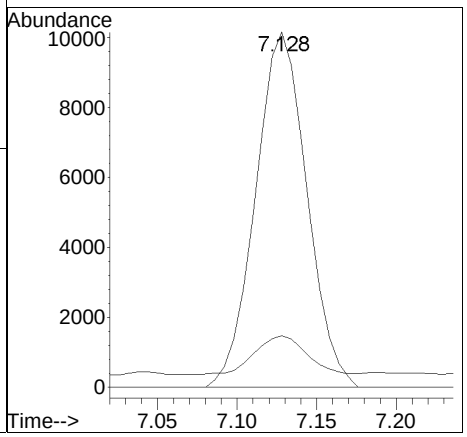


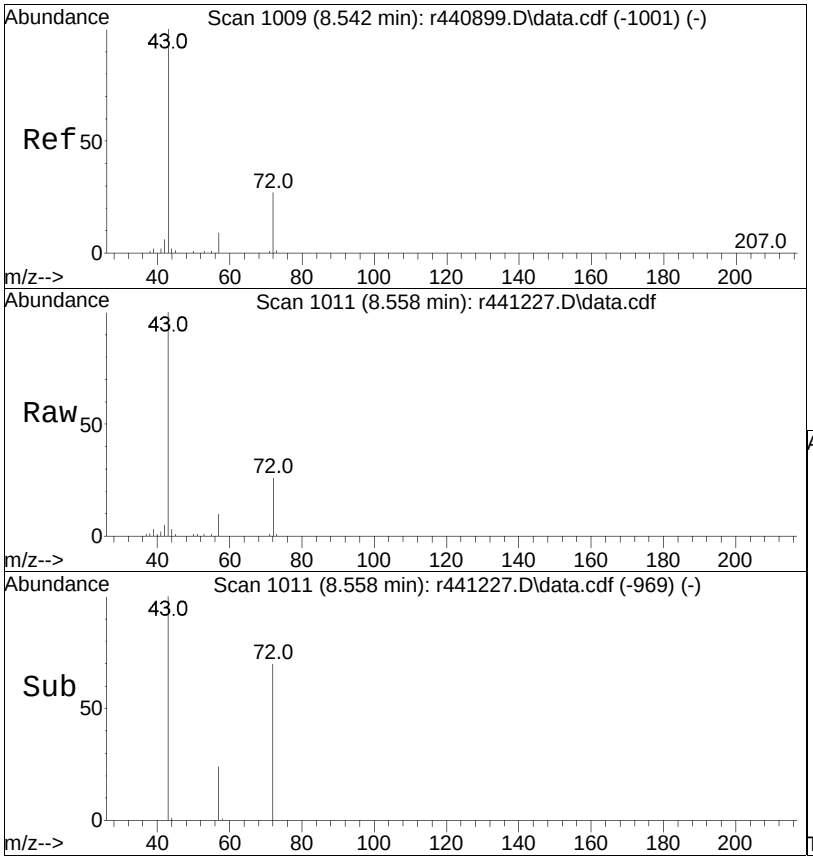


#30
carbon disulfide
Concen: 0.33 ppbV
RT: 7.128 min Scan# 829
Delta R.T. -0.006 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 76 Resp: 22800

Ion	Ratio	Lower	Upper
76	100		
44	14.6	8.6	12.8#

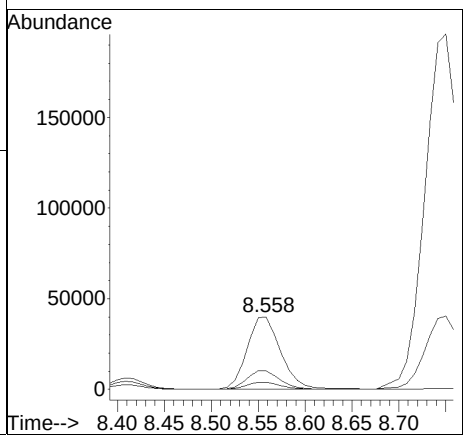


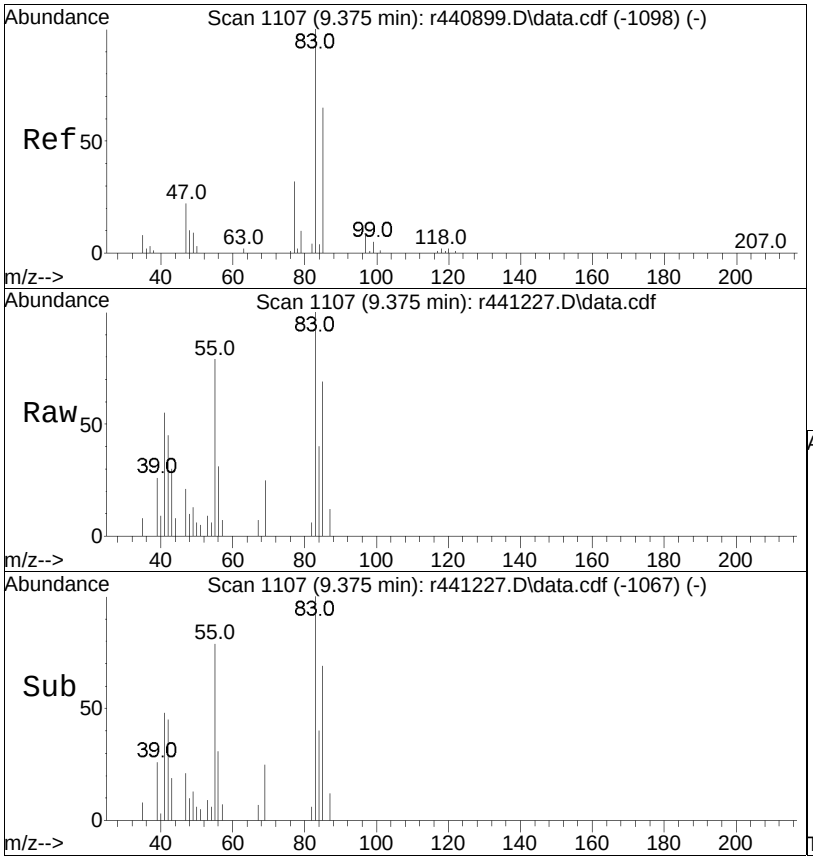


#36
2-butanone
Concen: 1.53 ppbV
RT: 8.558 min Scan# 1011
Delta R.T. 0.017 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 43 Resp: 98608

Ion	Ratio	Lower	Upper
43	100		
72	25.6	21.3	31.9
57	10.1	7.2	10.8

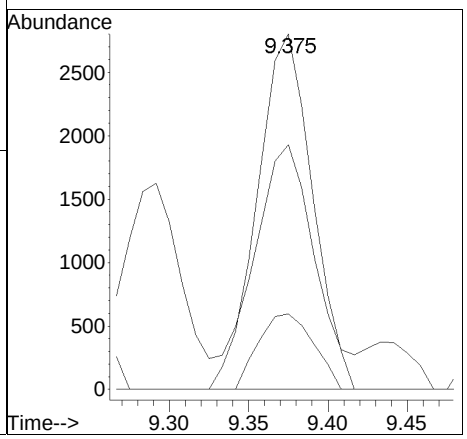


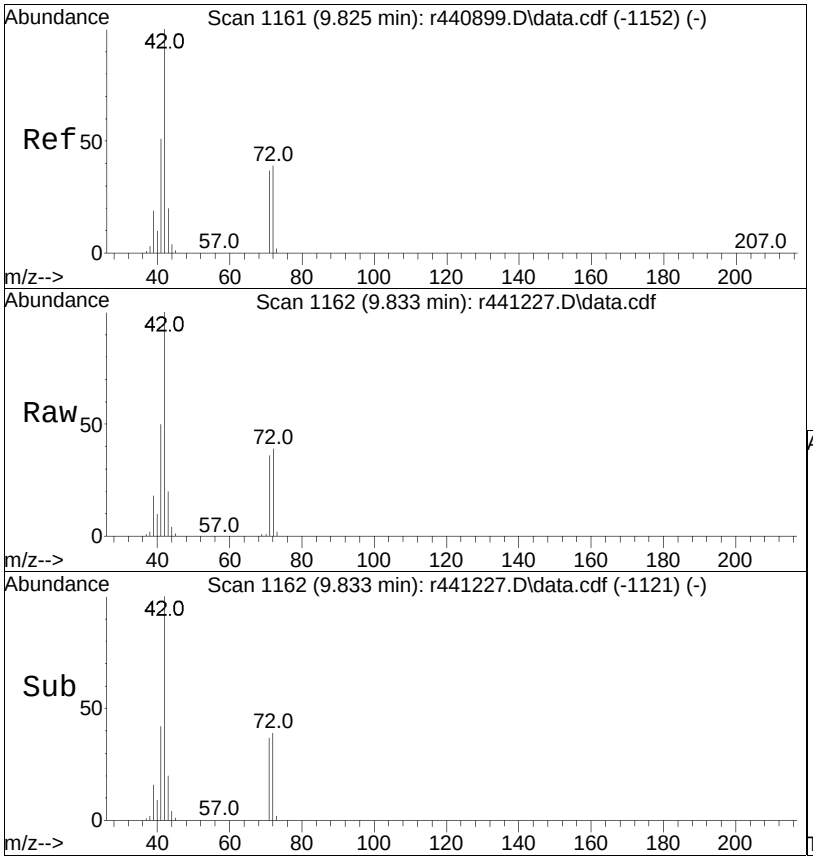


#39
chloroform
Concen: 0.16 ppbV
RT: 9.375 min Scan# 1107
Delta R.T. 0.000 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 83 Resp: 6774

Ion	Ratio	Lower	Upper
83	100		
85	68.9	52.5	78.7
47	21.2	18.2	27.4

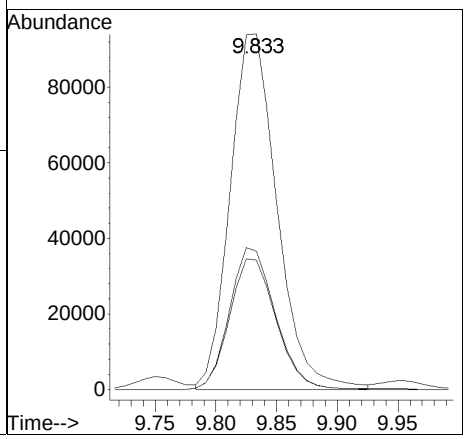


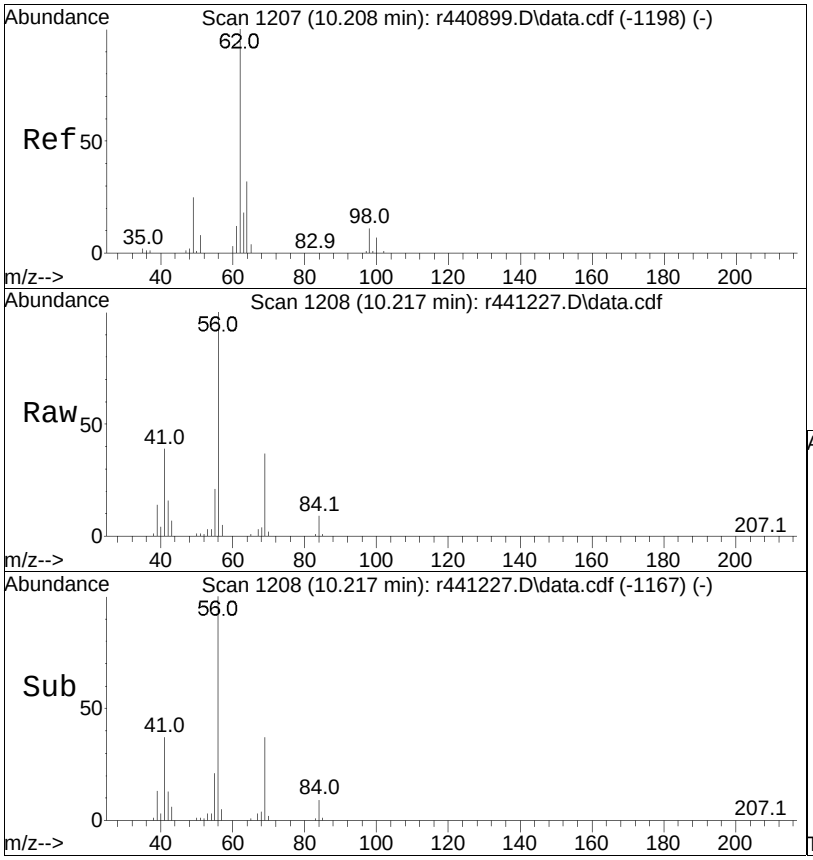


#40
Tetrahydrofuran
Concen: 7.47 ppbV
RT: 9.833 min Scan# 1162
Delta R.T. 0.008 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 42 Resp: 253512

Ion	Ratio	Lower	Upper
42	100		
71	36.4	29.7	44.5
72	38.9	31.1	46.7

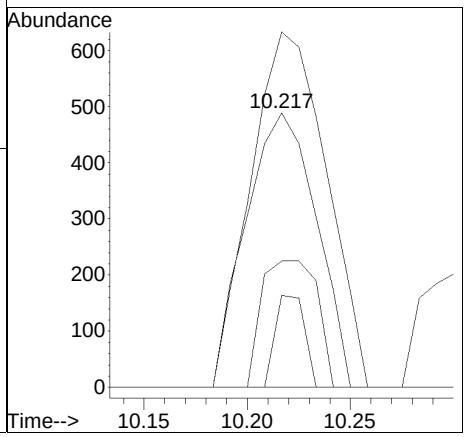


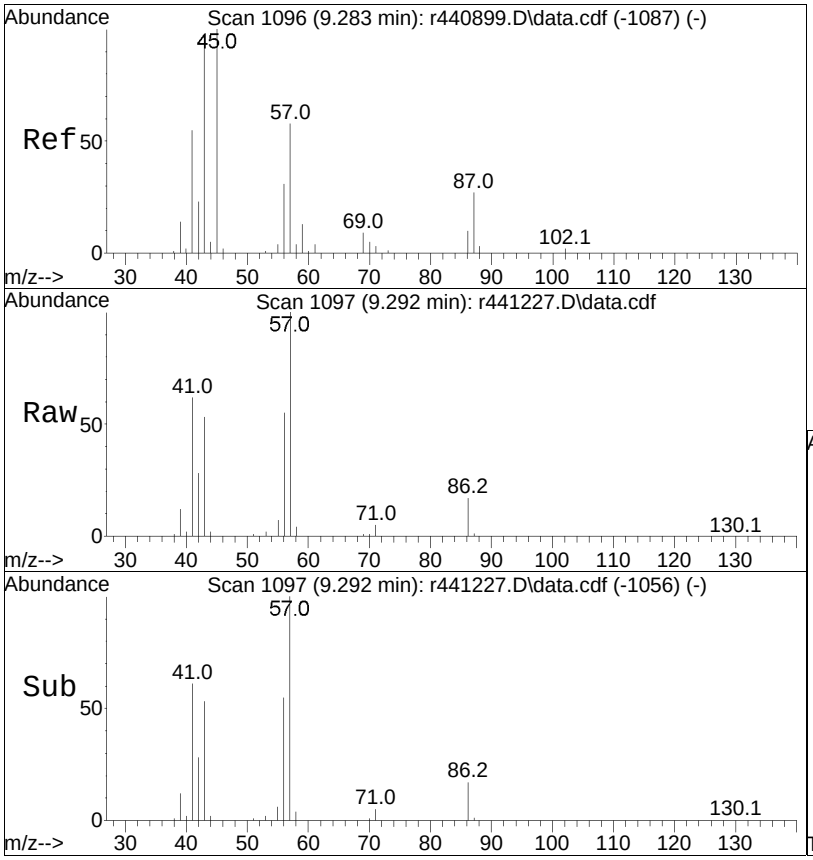


#42
1,2-dichloroethane
Concen: 0.03 ppbV
RT: 10.217 min Scan# 1208
Delta R.T. 0.008 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 62 Resp: 1163

Ion	Ratio	Lower	Upper
62	100		
64	33.5	25.4	38.0
49	46.0	20.0	30.0#
63	129.4	14.6	21.8#

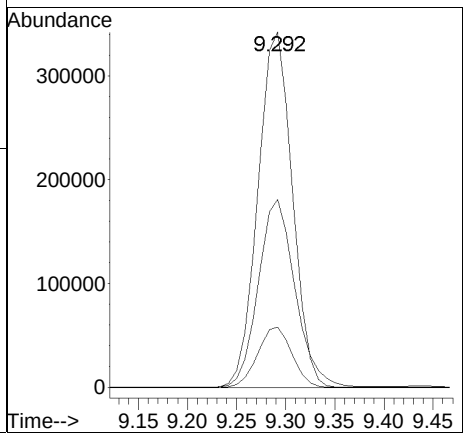


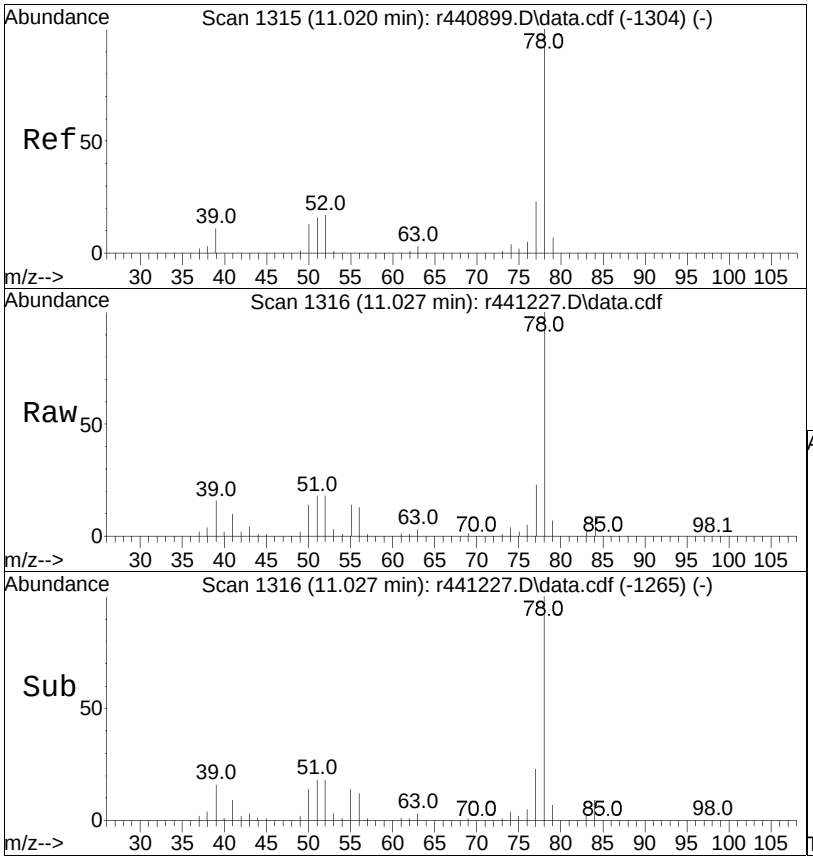


#44
hexane
Concen: 17.68 ppbV
RT: 9.292 min Scan# 1097
Delta R.T. 0.008 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 57 Resp: 833418

Ion	Ratio	Lower	Upper
57	100		
43	52.9	133.6	200.4#
86	17.0	13.8	20.6

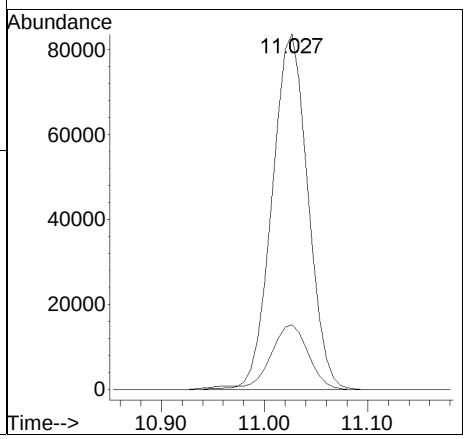


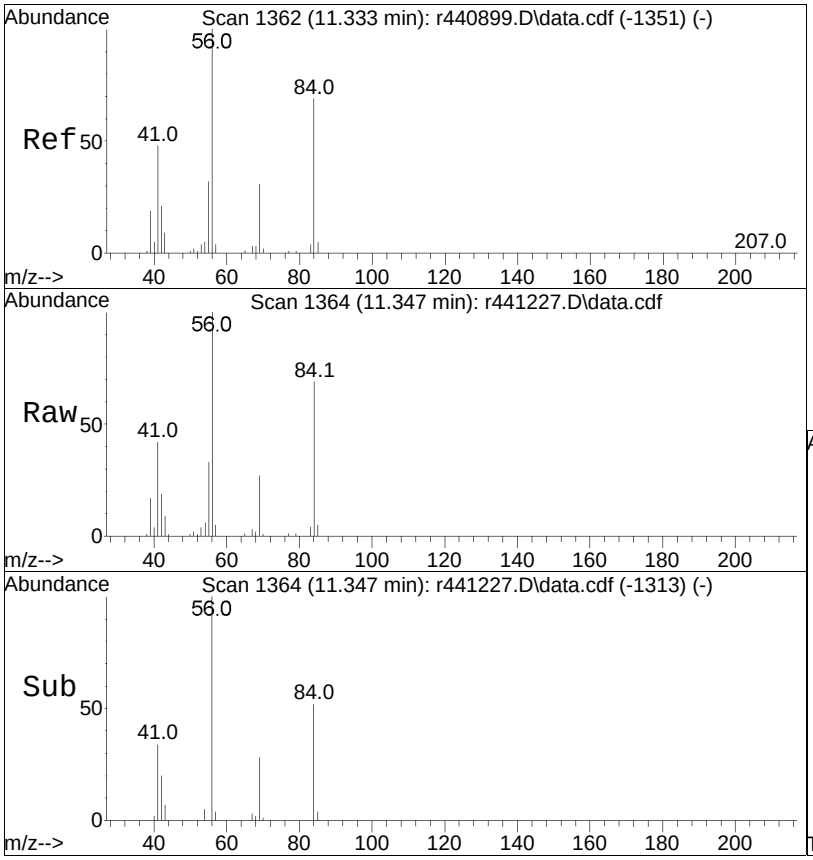


#50
benzene
Concen: 2.60 ppbV
RT: 11.027 min Scan# 1316
Delta R.T. 0.007 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 78 Resp: 201390

Ion	Ratio	Lower	Upper
78	100		
52	18.2	13.5	20.3

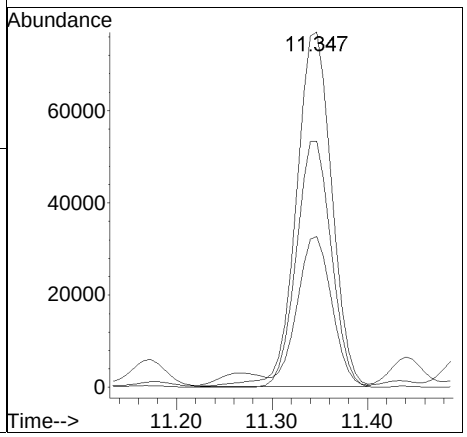


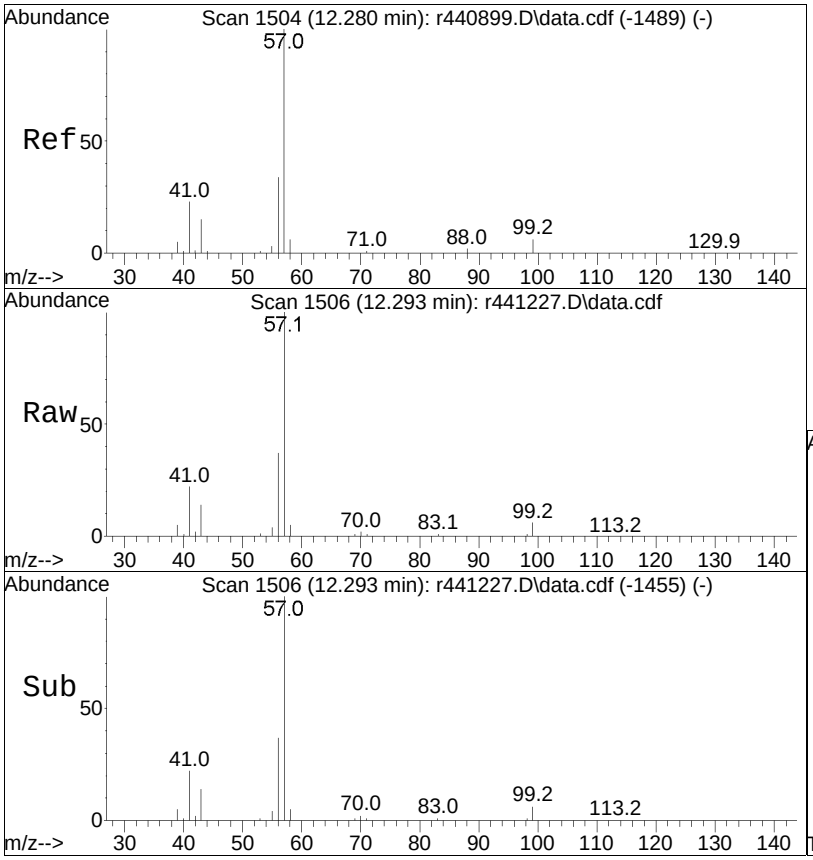


#53
cyclohexane
Concen: 4.03 ppbV
RT: 11.347 min Scan# 1364
Delta R.T. 0.013 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 56 Resp: 198020

Ion	Ratio	Lower	Upper
56	100		
84	69.2	55.5	83.3
41	42.5	38.2	57.4

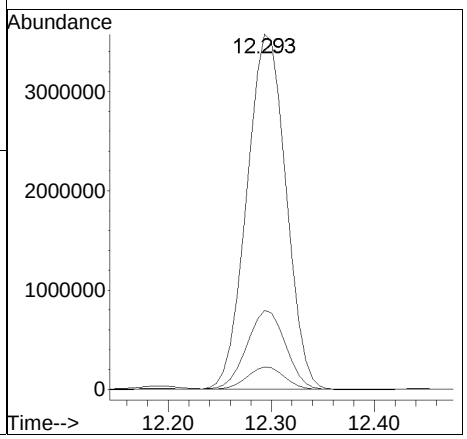


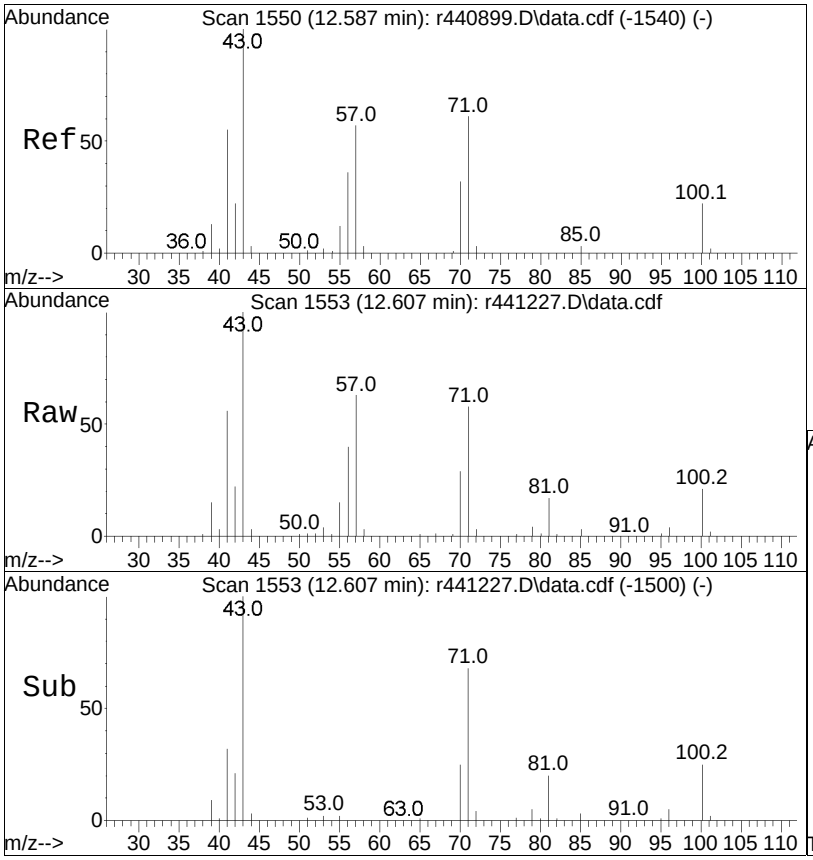


#60
2,2,4-trimethylpentane
Concen: 63.23 ppbV
RT: 12.293 min Scan# 1506
Delta R.T. 0.013 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 57 Resp: 9427108

Ion	Ratio	Lower	Upper
57	100		
99	6.4	4.8	7.2
41	22.2	18.2	27.4

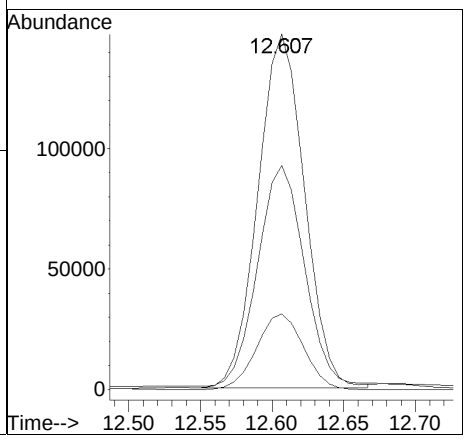


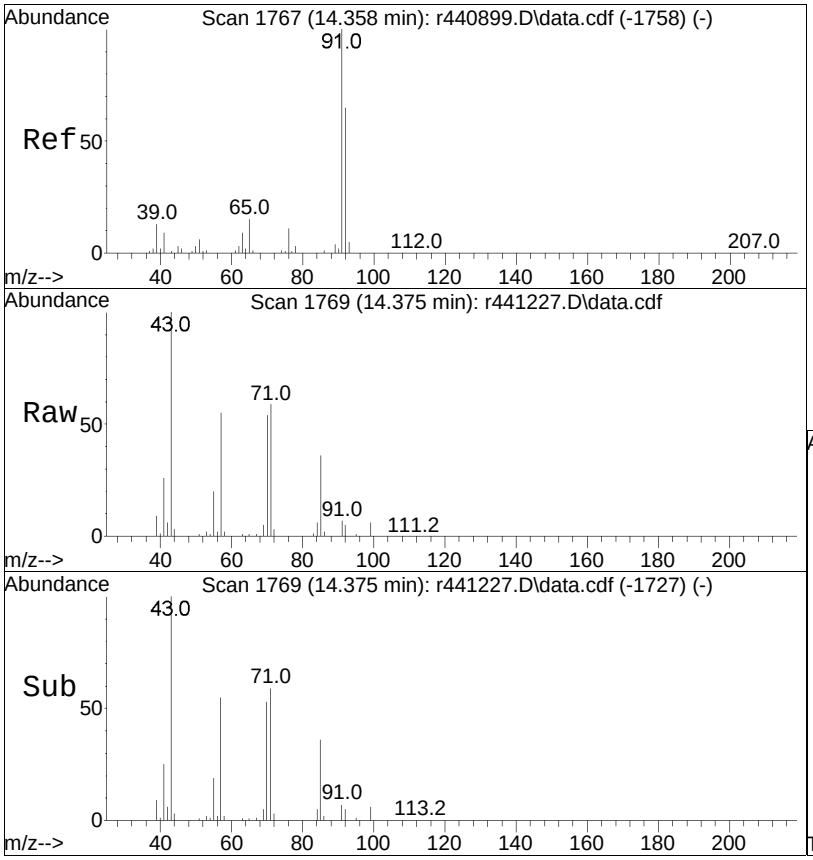


#62
heptane
Concen: 6.37 ppbV
RT: 12.607 min Scan# 1553
Delta R.T. 0.020 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 43 Resp: 332461

Ion	Ratio	Lower	Upper
43	100		
57	63.0	45.8	68.8
100	21.3	17.8	26.6

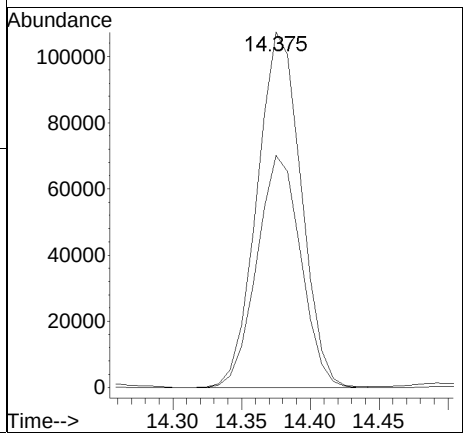


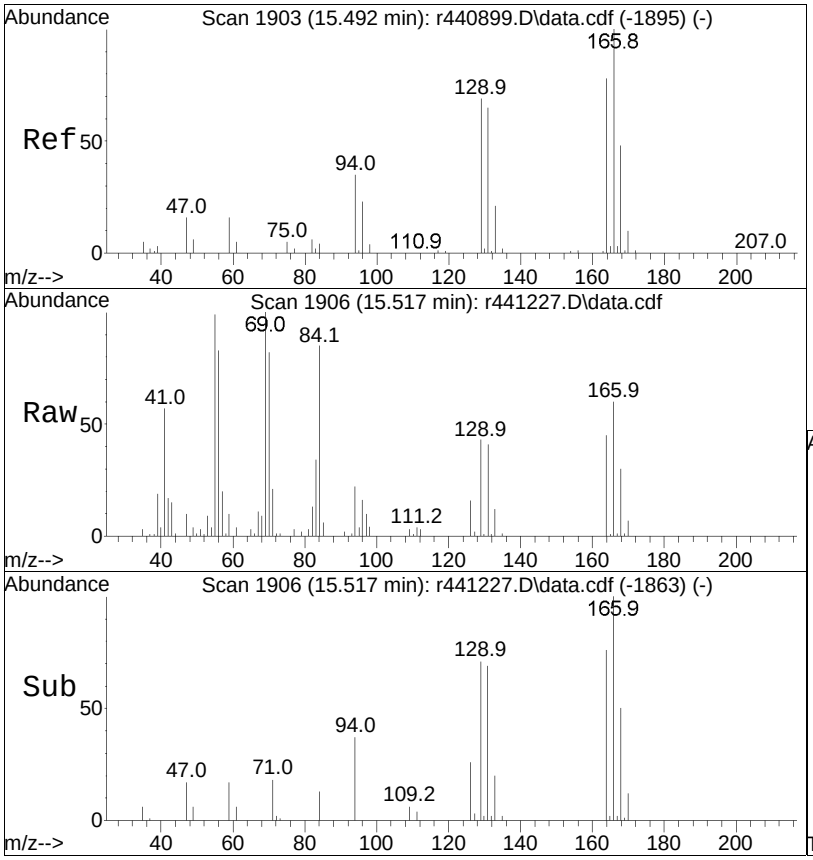


#68
toluene
Concen: 1.99 ppbV
RT: 14.375 min Scan# 1769
Delta R.T. 0.017 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 91 Resp: 239284

Ion	Ratio	Lower	Upper
91	100		
92	65.3	52.4	78.6

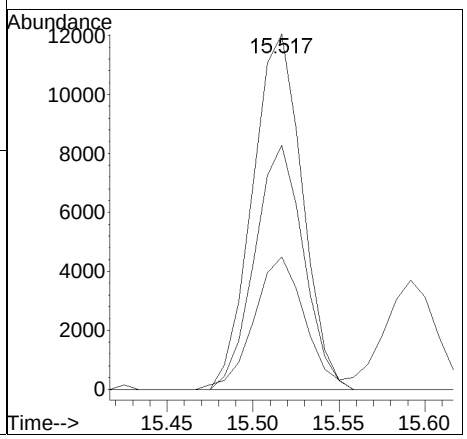


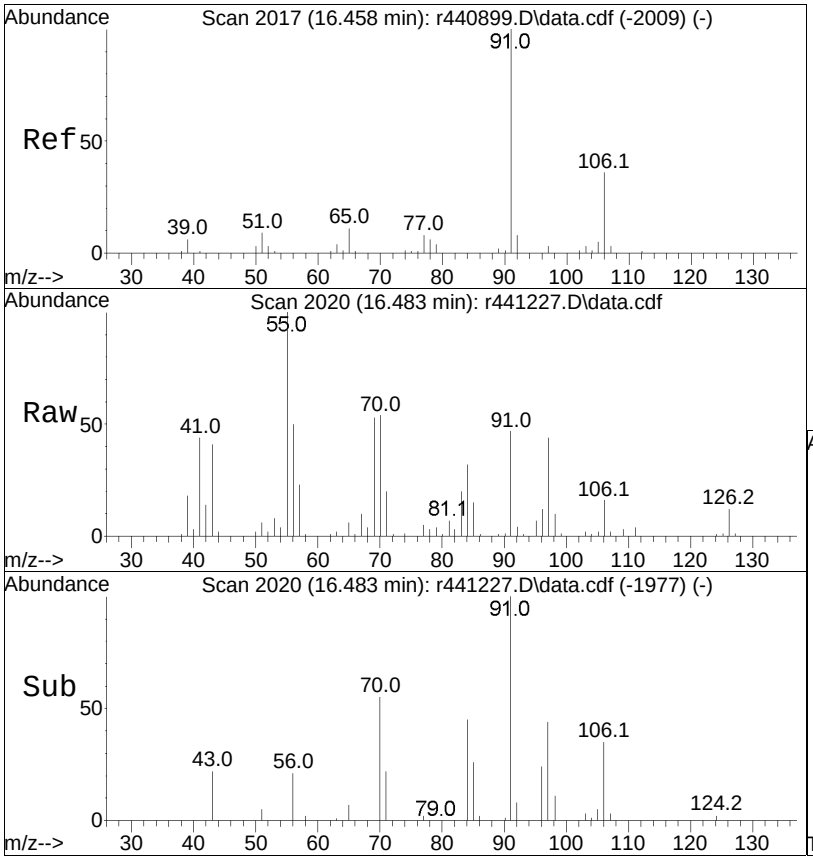


#78
tetrachloroethene
Concen: 0.50 ppbV
RT: 15.517 min Scan# 1906
Delta R.T. 0.025 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion:166 Resp: 24318

Ion	Ratio	Lower	Upper
166	100		
131	68.7	52.1	78.1
94	37.3	28.3	42.5

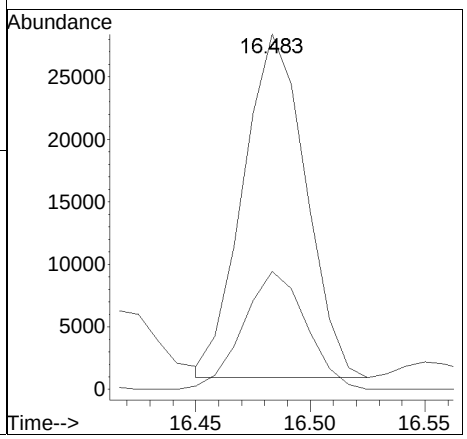


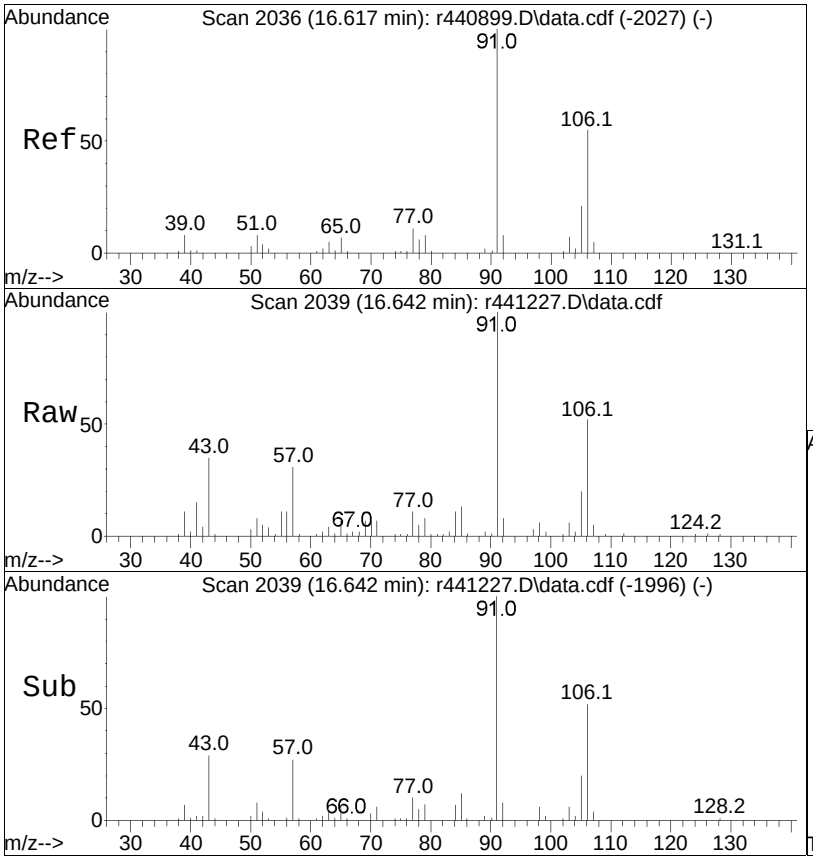


#81
ethylbenzene
Concen: 0.34 ppbV
RT: 16.483 min Scan# 2020
Delta R.T. 0.025 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 91 Resp: 52303

Ion	Ratio	Lower	Upper
91	100		
106	33.2	28.8	43.2

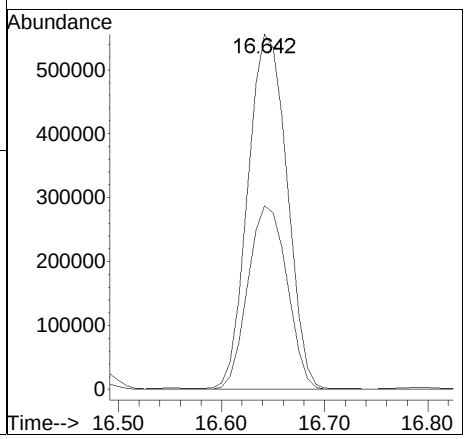


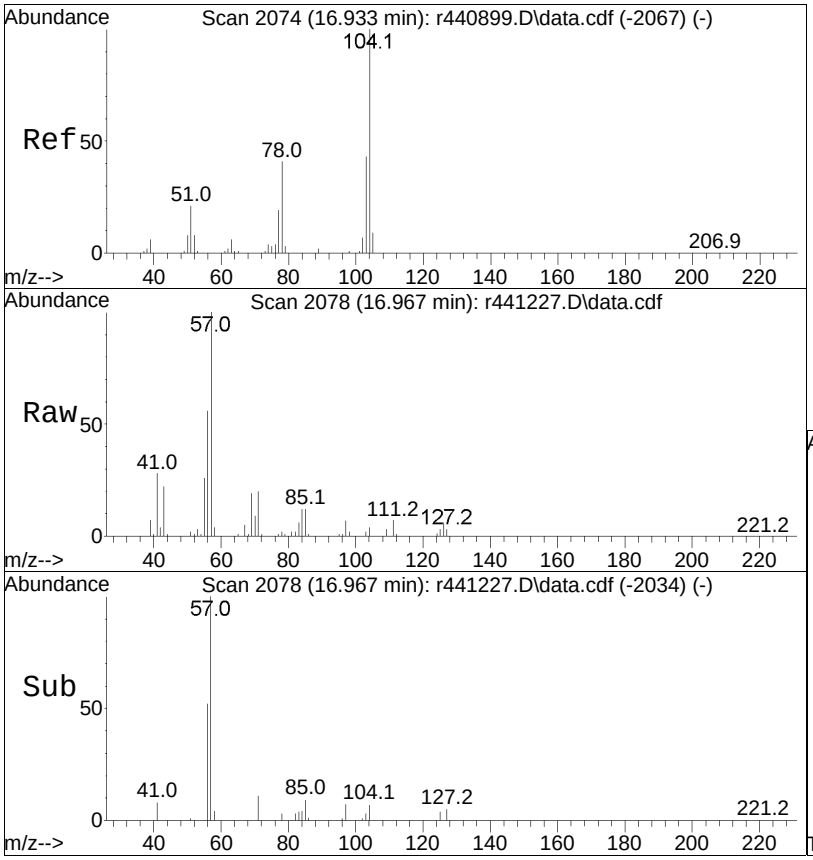


#83
m+p-xylene
Concen: 12.04 ppbV
RT: 16.642 min Scan# 2039
Delta R.T. 0.025 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 91 Resp: 1461183

Ion	Ratio	Lower	Upper
91	100		
106	51.7	43.9	65.9

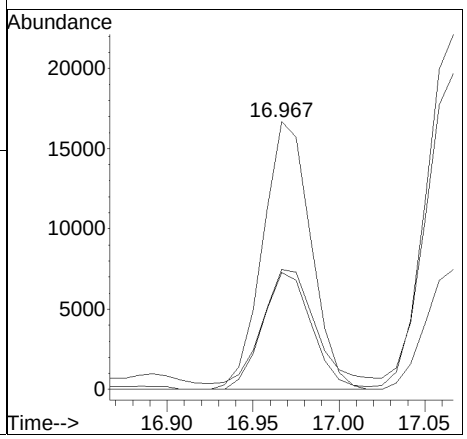


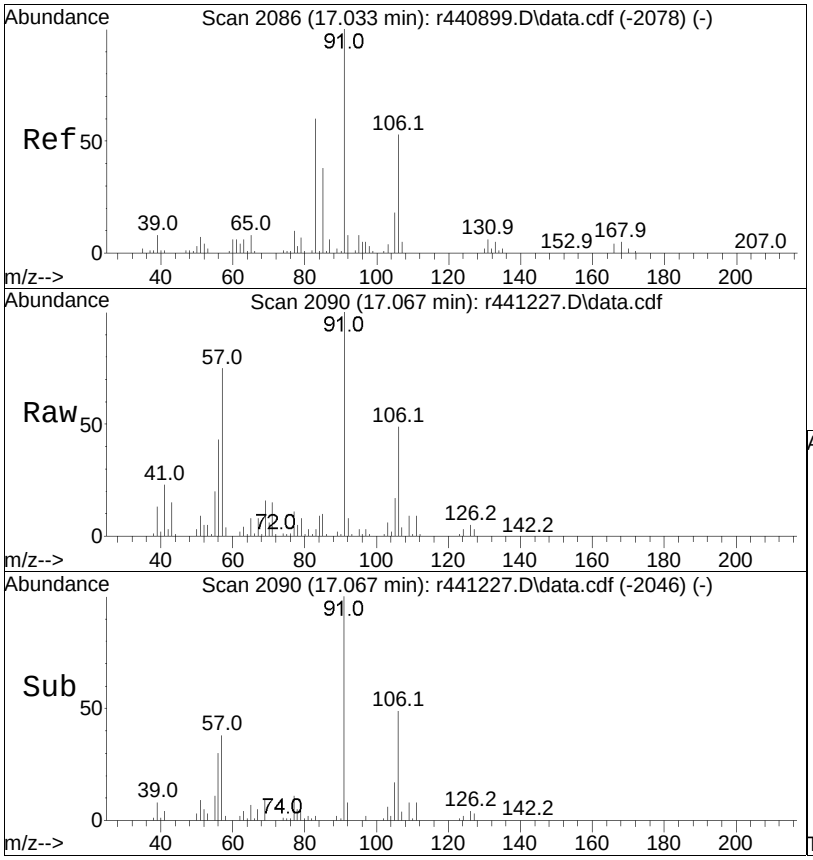


#85
styrene
Concen: 0.33 ppbV
RT: 16.967 min Scan# 2078
Delta R.T. 0.033 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion:104 Resp: 32490

Ion	Ratio	Lower	Upper
104	100		
103	43.6	34.7	52.1
78	44.8	33.1	49.7

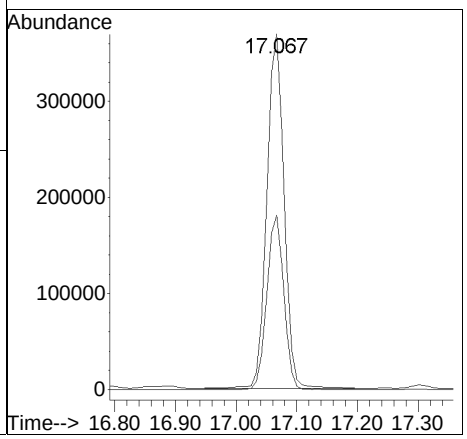


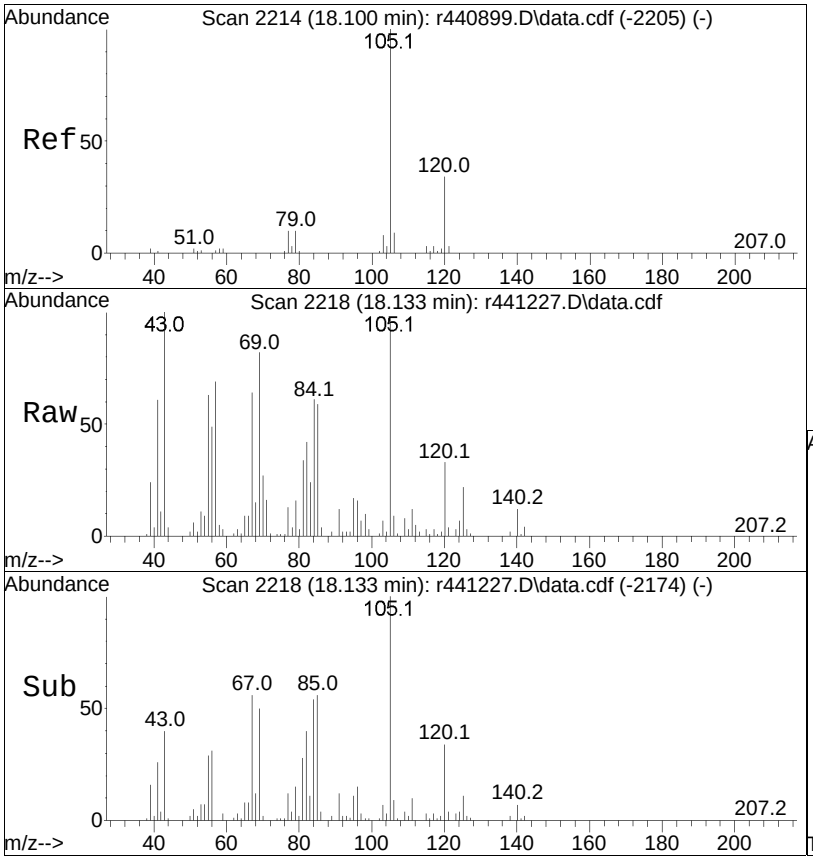


#87
o-xylene
Concen: 6.11 ppbV
RT: 17.067 min Scan# 2090
Delta R.T. 0.033 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion: 91 Resp: 728113

Ion	Ratio	Lower	Upper
91	100		
106	49.1	42.5	63.7

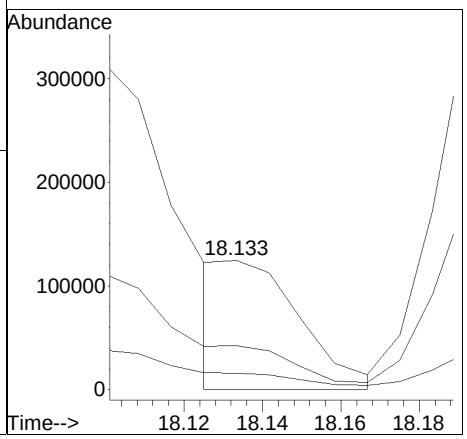


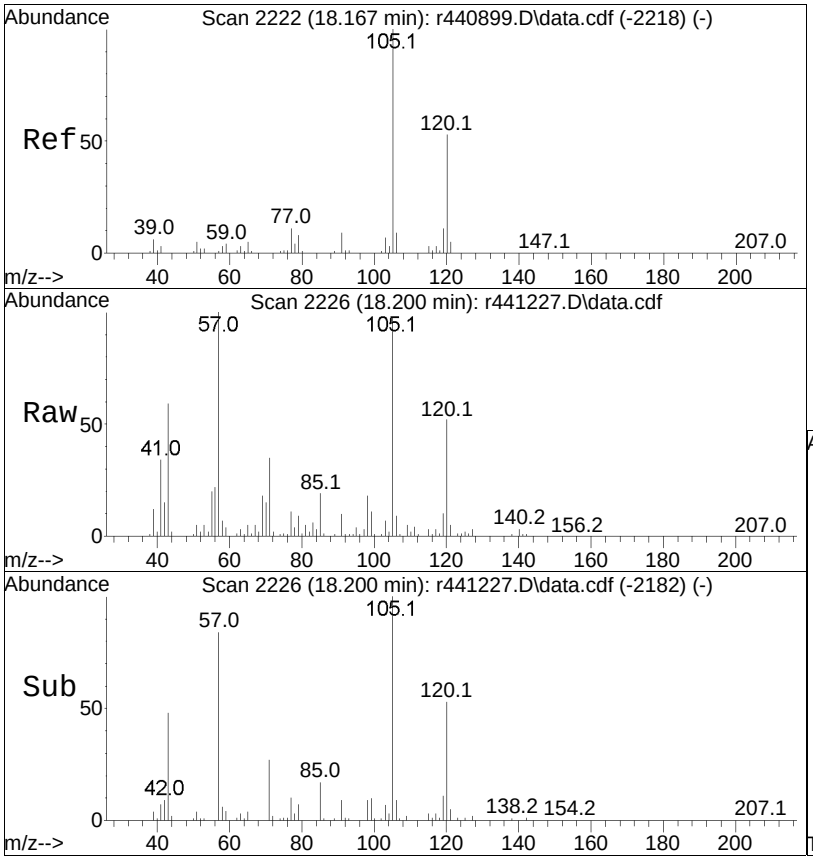


#96
4-ethyl toluene
Concen: 1.11 ppbV m
RT: 18.133 min Scan# 2218
Delta R.T. 0.033 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion:105 Resp: 171549

Ion	Ratio	Lower	Upper
105	100		
120	33.9	27.0	40.6
91	12.6	8.1	12.1#

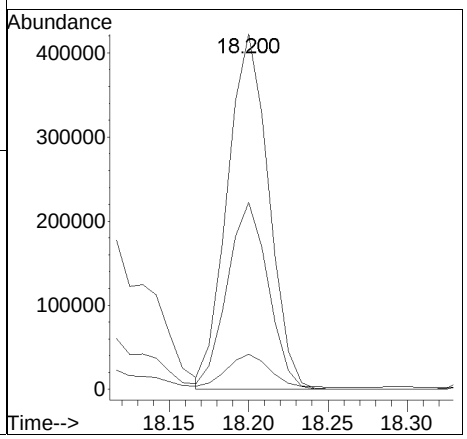


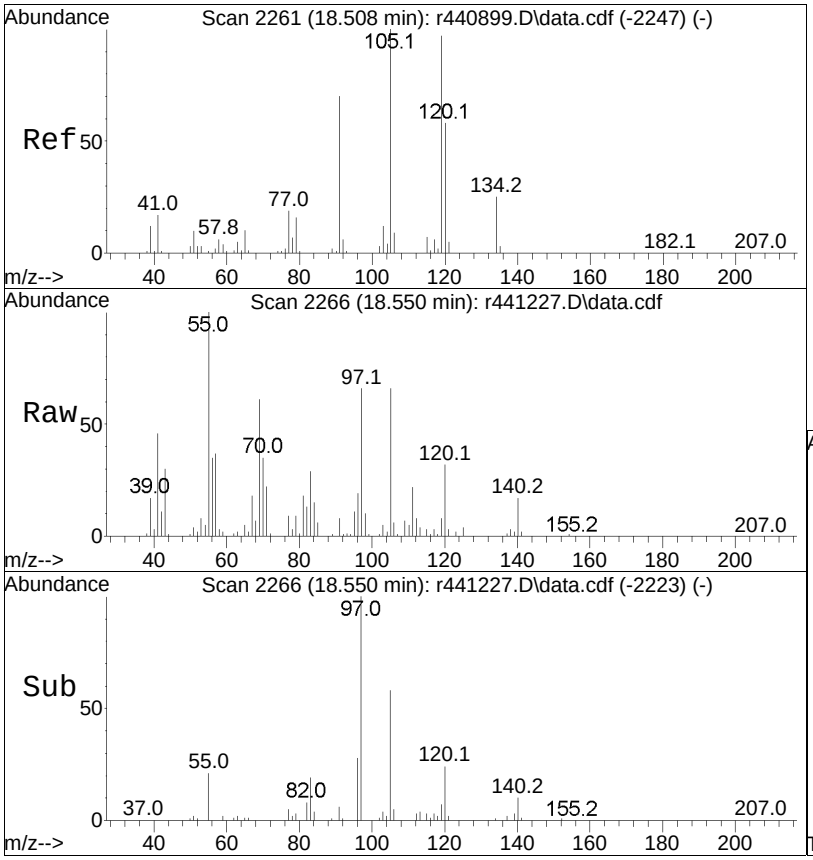


#97
1,3,5-trimethylbenzene
Concen: 5.72 ppbV
RT: 18.200 min Scan# 2226
Delta R.T. 0.033 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion:105 Resp: 762759

Ion	Ratio	Lower	Upper
105	100		
120	52.6	42.1	63.1
91	9.9	7.6	11.4

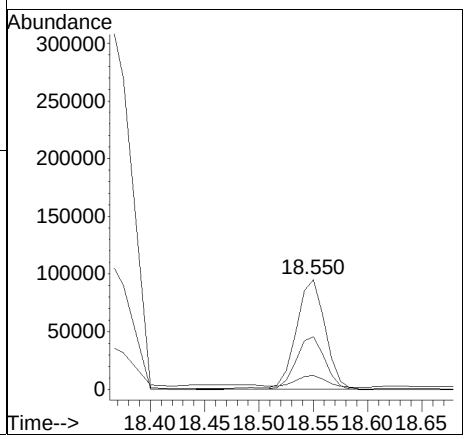




#99
1,2,4-trimethylbenzene
Concen: 1.31 ppbV
RT: 18.550 min Scan# 2266
Delta R.T. 0.042 min
Lab File: r441227.D
Acq: 30 Sep 2025 12:23 AM

Tgt Ion:105 Resp: 175326

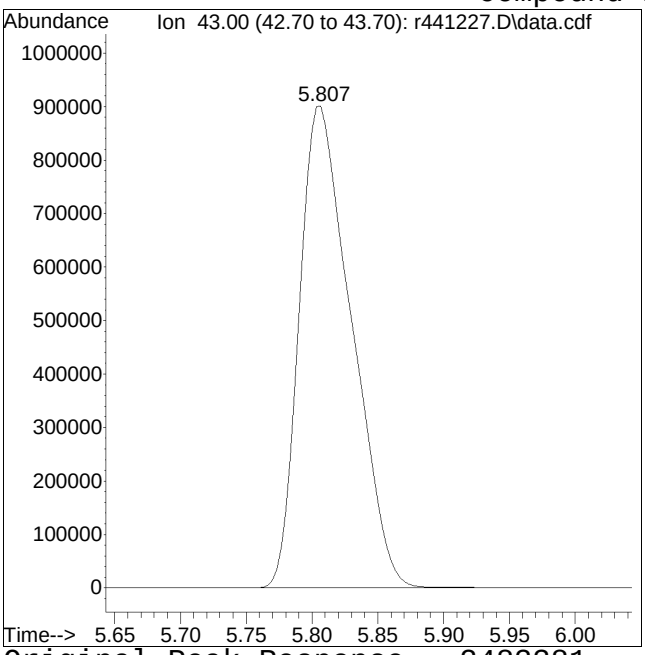
Ion	Ratio	Lower	Upper
105	100		
120	48.1	46.7	70.1
91	12.7	56.3	84.5#



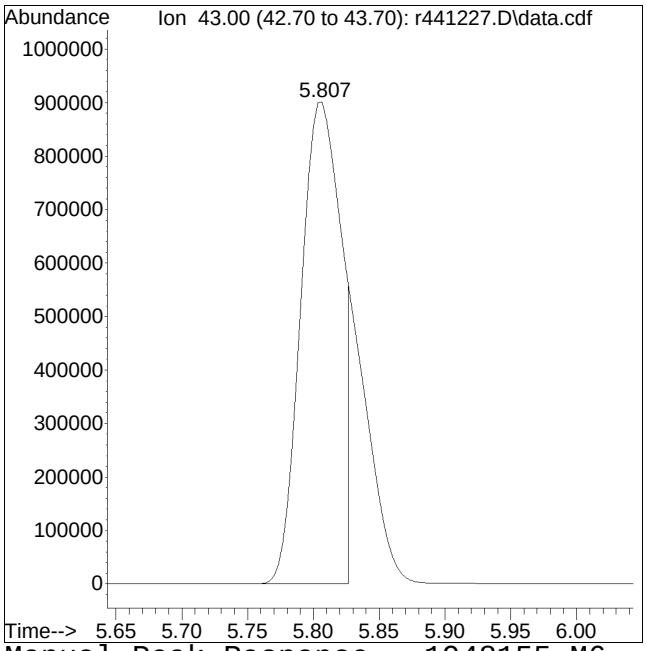
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r441227.D Operator : AIRPIANO4:KJD
Date Inj'd : 9/30/2025 12:23 AM Instrument :
Sample : L2560983-04D,3,75,250 Quant Date : 9/30/2025 7:12 am

Compound #19: acetone



Original Peak Response = 2483381



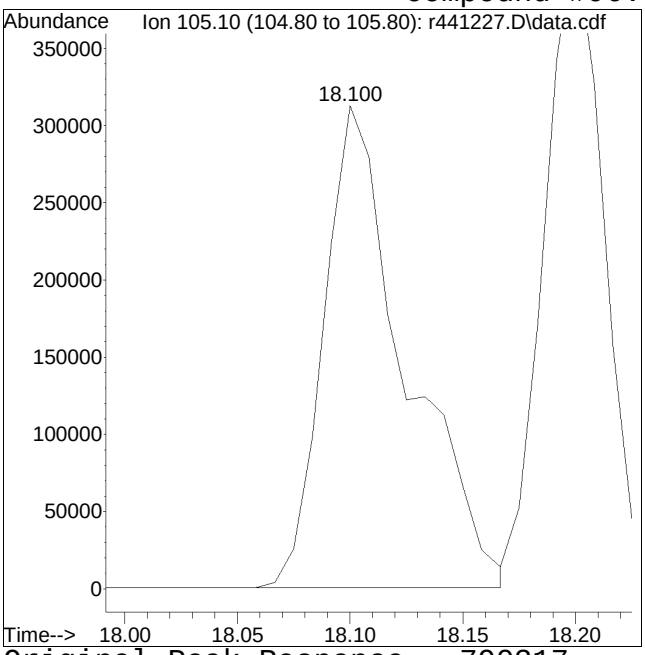
Manual Peak Response = 1948155 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

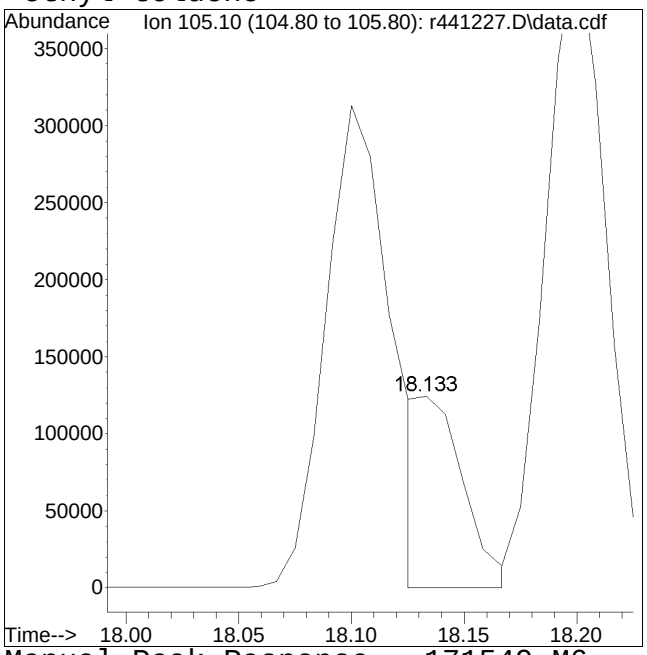
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r441227.D Operator : AIRPIANO4:KJD
Date Inj'd : 9/30/2025 12:23 AM Instrument :
Sample : L2560983-04D,3,75,250 Quant Date : 9/30/2025 7:12 am

Compound #96: 4-ethyl toluene



Original Peak Response = 790317



Manual Peak Response = 171549 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2560983**
Project Name	**: 1885 ATLANTIC AVE**	**Project Number**	**: 0205125**
Instrument ID	**: AIRPIANO4**	**Ical Ref**	**: ICAL22628**
Calibration dates	**: 09/11/25 19:39 09/12/25 00:19**		

Calibration Files

0.2 =r440895.D 0.5 =r440896.D 1.0 =r440897.D 5.0 =r440898.D 10 =r440899.D 20 =r440900.D

50 =r440901.D 100 =r440902.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoromethane	1.054	0.973	1.047	0.963	0.993	0.925	0.802	0.725	0.935	12.40
3)		propylene		0.966	0.936	0.889	0.890	0.894	0.907	0.927	0.916	3.14
4)		propane		0.889	0.837	0.790	0.790	0.768	0.689	0.656	0.774	10.38
5)		dichlorodifluoromethane	1.526	1.481	1.467	1.498	1.497	1.417	1.250	1.128	1.408	10.13
6)	C	chloromethane	0.646	0.607	0.600	0.606	0.622	0.608	0.568	0.594	0.606	3.66
7)		Freon-114	1.609	1.533	1.519	1.524	1.555	1.498	1.312	1.192	1.468	9.60
8)	C	methanol			0.338	0.296	0.305	0.310	0.270	0.253	0.295	10.20
9)	C	vinyl chloride	0.865	0.817	0.821	0.835	0.857	0.837	0.739	0.677	0.806	8.04
10)	C	1,3-butadiene	0.617	0.578	0.555	0.546	0.562	0.565	0.519	0.494	0.554	6.69
11)		butane	1.306	1.268	1.230	1.181	1.220	1.243	1.197	1.225	1.234	3.18
12)	C	acetaldehyde		0.401	0.370	0.285	0.288	0.285	0.233	0.205	0.295	23.63
13)	C	bromomethane	0.603	0.549	0.539	0.540	0.548	0.539	0.502	0.471	0.536	7.11
14)	C	chloroethane	0.445	0.428	0.423	0.418	0.429	0.422	0.396	0.370	0.416	5.60
15)		ethanol			0.680	0.454	0.519	0.577	0.335	0.378	0.490	26.18
16)		dichlorofluoromethane	1.648	1.669	1.542	1.459	1.643	1.784	1.398	1.356	1.562	9.52
17)	C	vinyl bromide	0.678	0.658	0.662	0.659	0.669	0.672	0.632	0.634	0.658	2.61
18)	C	acrolein		0.508	0.505	0.474	0.477	0.486	0.452	0.415	0.474	6.82
19)		acetone	1.396	1.297	1.289	1.213	1.229	1.215	1.108	1.047	1.224	8.96
20)	C	acetonitrile	1.072	0.974	0.960	0.936	0.966	0.994	0.957	1.049	0.988	4.83
21)		trichlorofluoromethane	1.606	1.562	1.553	1.564	1.581	1.539	1.406	1.169	1.498	9.73
22)		isopropyl alcohol	1.837	1.657	1.613	1.481	1.506	1.519	1.431	1.474	1.565	8.48
23)	C	acrylonitrile	0.807	0.779	0.755	0.726	0.748	0.765	0.722	0.773	0.759	3.68
24)		pentane	2.046	1.781	1.782	2.245	2.369	2.278	2.133	2.424	2.132	11.60
25)		ethyl ether	1.566	1.241	1.122	1.481	1.624	1.868	1.701	1.540	1.518	15.84
26)	C	1,1-dichloroethene	1.455	1.422	1.423	1.435	1.453	1.414	1.309	1.141	1.382	7.79
27)		tertiary butyl alcohol		2.281	2.222	2.193	2.168	2.298	2.140	1.819	2.160	7.46
28)	C	methylene chloride		0.882	0.875	0.873	0.884	0.866	0.810	0.783	0.853	4.72
29)	C	3-chloropropene	1.470	1.394	1.401	1.369	1.411	1.420	1.366	1.490	1.415	3.14
30)	C	carbon disulfide	2.317	2.154	2.173	2.138	2.195	2.194	2.067	2.234	2.184	3.34
31)		Freon 113	1.613	1.568	1.535	1.548	1.585	1.527	1.388	1.256	1.503	8.00
32)		trans-1,2-dichloroethene	1.461	1.401	1.380	1.368	1.403	1.393	1.285	1.157	1.356	6.95
33)	C	1,1-dichloroethane	1.848	1.808	1.797	1.829	1.871	1.817	1.706	1.603	1.785	4.93
34)	C	MTBE	2.467	2.310	2.266	2.208	2.261	2.281	2.177	2.291	2.283	3.78
35)	C	vinyl acetate			2.557	2.477	2.547	2.481	2.389	2.552	2.500	2.62
36)	C	2-butanone		2.057	2.046	1.978	2.021	2.035	1.964	2.139	2.034	2.83

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2560983**
Project Name	**: 1885 ATLANTIC AVE**	**Project Number**	**: 0205125**
Instrument ID	**: AIRPIANO4**	**Ical Ref**	**: ICAL22628**
Calibration dates	**: 09/11/25 19:39 09/12/25 00:19**		

Calibration Files

0.2 =r440895.D 0.5 =r440896.D 1.0 =r440897.D 5.0 =r440898.D 10 =r440899.D 20 =r440900.D

50 =r440901.D 100 =r440902.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
37)		cis-1,2-dichloroethene	1.437	1.369	1.378	1.380	1.401	1.366	1.266	1.130	1.341	7.30
38)		Ethyl Acetate		0.377	0.388	0.361	0.368	0.360	0.330	0.298	0.355	8.68
39)	C	chloroform	1.447	1.381	1.383	1.388	1.391	1.358	1.255	1.157	1.345	6.93
40)		Tetrahydrofuran		1.077	1.061	1.026	1.053	1.073	1.031	1.154	1.068	4.00
41)		2,2-dichloropropane	1.271	1.229	1.218	1.186	1.210	1.232	1.162	1.088	1.200	4.62
42)	C	1,2-dichloroethane	1.207	1.179	1.164	1.181	1.207	1.185	1.101	0.911	1.142	8.67
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.682	0.615	0.606	0.569	0.566	0.543	0.473	0.376	0.554	16.91
45)		diisopropyl ether	0.338	0.328	0.335	0.276	0.280	0.276	0.253	0.223	0.289	14.47
46)		tert-butyl ethyl ether	1.186	1.151	1.140	1.119	1.147	1.144	1.032	0.812	1.091	11.11
47)	s	1,2-dichloroethane-D4			0.326	0.324	0.317	0.323	0.327	0.277	0.316	6.07
48)	C	1,1,1-trichloroethane	0.515	0.495	0.493	0.497	0.553	0.542	0.494	0.385	0.497	10.26
49)		1,1-dichloropropene	0.411	0.400	0.398	0.392	0.402	0.414	0.396	0.384	0.400	2.41
50)	C	benzene	0.941	0.911	0.911	0.919	0.942	0.928	0.878	0.843	0.909	3.70
51)		thiophene	0.703	0.668	0.679	0.846	0.856	0.677	0.629	0.563	0.703	14.39
52)	C	carbon tetrachloride	0.424	0.414	0.409	0.419	0.426	0.416	0.383	0.308	0.400	9.88
53)		cyclohexane	0.646	0.591	0.600	0.589	0.599	0.596	0.545	0.453	0.577	9.88
54)		tert-amyl methyl ether	0.943	0.899	0.898	0.874	0.901	0.924	0.884	0.860	0.898	2.95
55)		dibromomethane	0.317	0.302	0.299	0.285	0.288	0.287	0.258	0.216	0.282	11.17
56)	C	1,2-dichloropropane	0.418	0.407	0.407	0.413	0.422	0.412	0.384	0.328	0.399	7.74
57)		bromodichloromethane	0.498	0.478	0.478	0.474	0.483	0.481	0.446	0.384	0.465	7.69
58)	C	1,4-dioxane	0.214	0.210	0.211	0.213	0.214	0.216	0.200	0.181	0.207	5.61
59)	C	trichloroethene	0.393	0.372	0.374	0.377	0.385	0.370	0.343	0.301	0.364	8.04
60)	C	2,2,4-trimethylpentane	1.936	1.858	1.856	1.823	1.839	1.806	1.599	1.292	1.751	11.94
61)		methyl methacrylate		0.452	0.456	0.458	0.478	0.492	0.480	0.460	0.468	3.19
62)		heptane	0.646	0.607	0.610	0.604	0.624	0.628	0.608	0.577	0.613	3.32
63)	C	cis-1,3-dichloropropene	0.472	0.466	0.460	0.470	0.485	0.485	0.467	0.457	0.470	2.20
64)	C	4-methyl-2-pentanone		0.719	0.721	0.738	0.767	0.772	0.748	0.718	0.741	3.06
65)		trans-1,3-dichloropropene	0.362	0.350	0.357	0.360	0.371	0.372	0.363	0.353	0.361	2.18
66)	C	1,1,2-trichloroethane	0.386	0.373	0.371	0.372	0.387	0.375	0.348	0.306	0.365	7.32
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	7.386	7.083	6.953	7.015	7.197	6.897	6.602	6.469	6.950	4.31
69)	s	toluene-D8			6.001	5.927	5.913	6.076	6.636	6.887	6.240	6.66
70)		2-methylthiophene	6.159	5.998	5.965	7.555	7.846	6.068	5.963	5.800	6.419	12.48
71)		1,3-dichloropropane	3.232	2.989	3.007	2.957	3.088	3.160	3.290	3.513	3.154	5.94
72)		2-hexanone	4.150	3.863	3.887	4.134	4.390	4.419	4.565	4.589	4.250	6.70

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2560983**
Project Name	**: 1885 ATLANTIC AVE**	**Project Number**	**: 0205125**
Instrument ID	**: AIRPIANO4**	**Ical Ref**	**: ICAL22628**
Calibration dates	**: 09/11/25 19:39 09/12/25 00:19**		

Calibration Files
0.2 =r440895.D 0.5 =r440896.D 1.0 =r440897.D 5.0 =r440898.D 10 =r440899.D 20 =r440900.D
50 =r440901.D 100 =r440902.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
73)		3-methylthiophene	6.304	6.036	5.980	7.721	7.961	6.174	5.917	5.636	6.466	13.50
74)		dibromochloromethane	2.905	2.813	2.811	2.799	2.870	2.841	2.737	2.595	2.796	3.42
75)	C	1,2-dibromoethane	3.149	3.072	2.997	3.095	3.208	3.145	3.176	3.146	3.124	2.13
76)		butyl acetate		1.004	1.058	0.955	1.000	1.028	1.131	1.273	1.064	10.09
77)		octane	2.880	2.744	2.746	2.628	2.679	2.694	2.629	2.649	2.706	3.11
78)	C	tetrachloroethene	2.987	2.754	2.820	2.849	2.935	2.851	2.756	2.587	2.818	4.36
79)		1,1,1,2-tetrachloroethane	2.315	2.241	2.214	2.144	2.221	2.203	2.129	1.942	2.176	5.08
80)	C	chlorobenzene	5.397	5.293	5.212	5.294	5.496	5.337	5.301	4.995	5.291	2.76
81)	C	ethylbenzene	9.284	8.958	8.901	8.964	9.222	8.728	8.301	7.988	8.793	5.07
82)		2-ethylthiophene	7.475	7.054	7.008	9.010	9.189	7.154	6.783	6.381	7.507	13.75
83)	C	m+p-xylene	7.690	7.314	7.280	7.304	7.400	6.933	6.444	5.880	7.031	8.44
84)	C	bromoform	2.692	2.644	2.639	2.678	2.754	2.697	2.645	2.437	2.648	3.53
85)	C	styrene	5.493	5.394	5.356	5.707	5.971	5.930	5.938	5.827	5.702	4.46
86)	C	1,1,2,2-tetrachloroethane	4.645	4.507	4.499	4.459	4.558	4.420	4.395	4.122	4.451	3.47
87)	C	o-xylene	7.475	7.478	7.195	7.256	7.331	6.771	6.217	5.481	6.901	10.34
88)		1,2,3-trichloropropane	3.482	3.352	3.362	3.355	3.526	3.634	3.775	3.955	3.555	6.19
89)		nonane	5.426	5.289	5.050	5.095	5.313	5.517	5.622	5.501	5.352	3.81
90)	s	bromofluorobenzene			4.008	4.126	4.112	4.148	4.447	4.650	4.248	5.79
91)	C	isopropylbenzene	9.360	8.970	8.878	8.830	9.221	9.350	8.989	8.284	8.985	3.89
92)		bromobenzene	4.840	4.821	4.705	4.623	4.814	4.882	4.947	4.928	4.820	2.27
93)		2-chlorotoluene	2.498	2.416	2.386	2.380	2.499	2.471	2.439	2.404	2.437	1.96
94)		n-propylbenzene	2.948	2.879	2.772	2.768	2.904	2.954	2.958	2.878	2.883	2.66
95)		4-chlorotoluene	2.471	2.406	2.388	2.337	2.428	2.453	2.463	2.522	2.434	2.33
96)		4-ethyl toluene	9.068	8.589	8.719	8.869	9.304	9.321	8.968	8.588	8.928	3.26
97)		1,3,5-trimethylbenzene	7.993	7.542	7.430	7.908	8.251	8.079	7.726	6.879	7.726	5.67
98)		tert-butylbenzene	8.560	8.564	8.413	7.887	7.920	7.758	7.010	5.978	7.761	11.41
99)		1,2,4-trimethylbenzene	8.281	8.051	7.779	8.711	8.926	7.836	6.889	5.786	7.782	13.10
100)		decane	8.207	7.756	7.769	7.170	7.352	7.103	6.522	5.936	7.227	10.10
101)	C	Benzyl Chloride	6.610	6.463	6.440	6.491	6.834	6.530	6.269	5.762	6.425	4.86
102)		1,3-dichlorobenzene	4.568	4.418	4.612	4.739	5.021	4.784	4.618	4.408	4.646	4.34
103)	C	1,4-dichlorobenzene	4.222	4.292	4.240	4.600	4.815	4.673	4.624	4.315	4.472	5.15
104)		sec-butylbenzene	1.172	1.116	1.117	1.079	1.137	1.144	1.084	0.962	1.101	5.81
105)		1,2,3-trimethylbenzene	8.708	8.088	8.088	7.894	8.275	8.103	7.095	6.007	7.782	10.89
106)		p-isopropyltoluene	9.465	9.410	9.352	8.794	9.274	9.174	8.271	6.987	8.841	9.60
107)		1,2-dichlorobenzene	4.222	4.042	4.188	4.364	4.644	4.479	4.418	4.399	4.345	4.33
108)		n-butylbenzene	8.192	8.141	7.999	7.502	7.926	7.796	7.623	7.410	7.824	3.72

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2560983**
Project Name	**: 1885 ATLANTIC AVE**	**Project Number**	**: 0205125**
Instrument ID	**: AIRPIANO4**	**Ical Ref**	**: ICAL22628**
Calibration dates	**: 09/11/25 19:39 09/12/25 00:19**		

Calibration Files
0.2 =r440895.D 0.5 =r440896.D 1.0 =r440897.D 5.0 =r440898.D 10 =r440899.D 20 =r440900.D
50 =r440901.D 100 =r440902.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
109)		indan	6.389	6.423	6.397	6.101	6.475	6.693	6.683	6.473	6.454	2.89
110)		indene	4.726	4.686	4.747	4.778	5.136	5.400	5.514	5.526	5.064	7.36
111)	C	1,2-dibromo-3-chloropr...	1.940	1.863	1.874	1.840	2.006	2.049	2.103	2.064	1.967	5.18
112)		undecane	8.219	7.139	8.199	7.567	6.707	6.638	5.976	5.145	6.949	15.34
113)		1,2,4,5-tetramethylben...	3.933	3.847	3.919	4.062	4.389	3.954	4.547	4.301	4.119	6.28
114)		dodecane	8.226	8.317	8.556	7.790	7.948	6.870	6.692	6.051	7.556	11.96
115)	C	1,2,4-trichlorobenzene	2.393	2.669	2.770	2.922	3.235	3.099	3.341	3.458	2.986	12.18
116)		naphthalene	5.868	6.261	6.541	6.646	7.275	7.025	7.712	8.479	6.976	12.03
117)		1,2,3-trichlorobenzene	2.390	2.641	2.790	2.679	2.980	2.870	3.169	3.404	2.865	11.13
118)		benzothiophene	1.989	2.253	2.351	5.832	6.508	2.732	3.032	3.660	3.544	48.24#
119)	C	hexachlorobutadiene	3.781	4.013	4.032	4.015	4.150	3.542	3.257	2.854	3.706	12.29
120)		2-methylnaphthalene			0.348	0.590	0.694	0.380	0.472	0.557	0.507	26.03
121)		1-methylnaphthalene			0.676	2.017	2.384	0.706	0.859	0.990	1.272	57.98#

Response Factor Report

Method Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Method File : TFS4_250911.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Sep 12 11:05:38 2025
Response Via : Initial Calibration

Calibration Files
0.2 =r440895.D 0.5 =r440896.D 1.0 =r440897.D 5.0 =r440898.D 10 =r440899.D 20 =r440900.D
50 =r440901.D 100 =r440902.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoro...	1.054	0.973	1.047	0.963	0.993	0.925	0.802	0.725	0.935	12.40
3)		propylene		0.966	0.936	0.889	0.890	0.894	0.907	0.927	0.916	3.14
4)		propane		0.889	0.837	0.790	0.790	0.768	0.689	0.656	0.774	10.38
5)		dichlorodifluo...	1.526	1.481	1.467	1.498	1.497	1.417	1.250	1.128	1.408	10.13
6)	C	chloromethane	0.646	0.607	0.600	0.606	0.622	0.608	0.568	0.594	0.606	3.66
7)		Freon-114	1.609	1.533	1.519	1.524	1.555	1.498	1.312	1.192	1.468	9.60
8)	C	methanol			0.338	0.296	0.305	0.310	0.270	0.253	0.295	10.20
9)	C	vinyl chloride	0.865	0.817	0.821	0.835	0.857	0.837	0.739	0.677	0.806	8.04
10)	C	1,3-butadiene	0.617	0.578	0.555	0.546	0.562	0.565	0.519	0.494	0.554	6.69
11)		butane	1.306	1.268	1.230	1.181	1.220	1.243	1.197	1.225	1.234	3.18
12)	C	acetaldehyde		0.401	0.370	0.285	0.288	0.285	0.233	0.205	0.295	23.63
13)	C	bromomethane	0.603	0.549	0.539	0.540	0.548	0.539	0.502	0.471	0.536	7.11
14)	C	chloroethane	0.445	0.428	0.423	0.418	0.429	0.422	0.396	0.370	0.416	5.60
15)		ethanol			0.680	0.454	0.519	0.577	0.335	0.378	0.490	26.18
16)		dichlorofluoro...	1.648	1.669	1.542	1.459	1.643	1.784	1.398	1.356	1.562	9.52
17)	C	vinyl bromide	0.678	0.658	0.662	0.659	0.669	0.672	0.632	0.634	0.658	2.61
18)	C	acrolein		0.508	0.505	0.474	0.477	0.486	0.452	0.415	0.474	6.82
19)		acetone	1.396	1.297	1.289	1.213	1.229	1.215	1.108	1.047	1.224	8.96
20)	C	acetonitrile	1.072	0.974	0.960	0.936	0.966	0.994	0.957	1.049	0.988	4.83
21)		trichlorofluor...	1.606	1.562	1.553	1.564	1.581	1.539	1.406	1.169	1.498	9.73
22)		isopropyl alcohol	1.837	1.657	1.613	1.481	1.506	1.519	1.431	1.474	1.565	8.48
23)	C	acrylonitrile	0.807	0.779	0.755	0.726	0.748	0.765	0.722	0.773	0.759	3.68
24)		pentane	2.046	1.781	1.782	2.245	2.369	2.278	2.133	2.424	2.132	11.60
25)		ethyl ether	1.566	1.241	1.122	1.481	1.624	1.868	1.701	1.540	1.518	15.84
26)	C	1,1-dichloroet...	1.455	1.422	1.423	1.435	1.453	1.414	1.309	1.141	1.382	7.79
27)		tertiary butyl...		2.281	2.222	2.193	2.168	2.298	2.140	1.819	2.160	7.46
28)	C	methylene chlo...		0.882	0.875	0.873	0.884	0.866	0.810	0.783	0.853	4.72
29)	C	3-chloropropene	1.470	1.394	1.401	1.369	1.411	1.420	1.366	1.490	1.415	3.14
30)	C	carbon disulfide	2.317	2.154	2.173	2.138	2.195	2.194	2.067	2.234	2.184	3.34
31)		Freon 113	1.613	1.568	1.535	1.548	1.585	1.527	1.388	1.256	1.503	8.00

Response Factor Report

Method Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Method File : TFS4_250911.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Sep 12 11:05:38 2025
Response Via : Initial Calibration

Calibration Files
0.2 =r440895.D 0.5 =r440896.D 1.0 =r440897.D 5.0 =r440898.D 10 =r440899.D 20 =r440900.D
50 =r440901.D 100 =r440902.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
32)		trans-1,2-dich...	1.461	1.401	1.380	1.368	1.403	1.393	1.285	1.157	1.356	6.95
33)	C	1,1-dichloroet...	1.848	1.808	1.797	1.829	1.871	1.817	1.706	1.603	1.785	4.93
34)	C	MTBE	2.467	2.310	2.266	2.208	2.261	2.281	2.177	2.291	2.283	3.78
35)	C	vinyl acetate			2.557	2.477	2.547	2.481	2.389	2.552	2.500	2.62
36)	C	2-butanone			2.057	2.046	1.978	2.021	2.035	1.964	2.139	2.034	2.83
37)		cis-1,2-dichlo...	1.437	1.369	1.378	1.380	1.401	1.366	1.266	1.130	1.341	7.30
38)		Ethyl Acetate			0.377	0.388	0.361	0.368	0.360	0.330	0.298	0.355	8.68
39)	C	chloroform	1.447	1.381	1.383	1.388	1.391	1.358	1.255	1.157	1.345	6.93
40)		Tetrahydrofuran			1.077	1.061	1.026	1.053	1.073	1.031	1.154	1.068	4.00
41)		2,2-dichloropr...	1.271	1.229	1.218	1.186	1.210	1.232	1.162	1.088	1.200	4.62
42)	C	1,2-dichloroet...	1.207	1.179	1.164	1.181	1.207	1.185	1.101	0.911	1.142	8.67
43)	I	1,4-difluorobenzene	ISTD									
44)	C	hexane	0.682	0.615	0.606	0.569	0.566	0.543	0.473	0.376	0.554	16.91
45)		diisopropyl ether	0.338	0.328	0.335	0.276	0.280	0.276	0.253	0.223	0.289	14.47
46)		tert-butyl eth...	1.186	1.151	1.140	1.119	1.147	1.144	1.032	0.812	1.091	11.11
47)	s	1,2-dichloroet...			0.326	0.324	0.317	0.323	0.327	0.277	0.316	6.07
48)	C	1,1,1-trichlor...	0.515	0.495	0.493	0.497	0.553	0.542	0.494	0.385	0.497	10.26
49)		1,1-dichloropr...	0.411	0.400	0.398	0.392	0.402	0.414	0.396	0.384	0.400	2.41
50)	C	benzene	0.941	0.911	0.911	0.919	0.942	0.928	0.878	0.843	0.909	3.70
51)		thiophene	0.703	0.668	0.679	0.846	0.856	0.677	0.629	0.563	0.703	14.39
52)	C	carbon tetrach...	0.424	0.414	0.409	0.419	0.426	0.416	0.383	0.308	0.400	9.88
53)		cyclohexane	0.646	0.591	0.600	0.589	0.599	0.596	0.545	0.453	0.577	9.88
54)		tert-amyl meth...	0.943	0.899	0.898	0.874	0.901	0.924	0.884	0.860	0.898	2.95
55)		dibromomethane	0.317	0.302	0.299	0.285	0.288	0.287	0.258	0.216	0.282	11.17
56)	C	1,2-dichloropr...	0.418	0.407	0.407	0.413	0.422	0.412	0.384	0.328	0.399	7.74
57)		bromodichlorom...	0.498	0.478	0.478	0.474	0.483	0.481	0.446	0.384	0.465	7.69
58)	C	1,4-dioxane	0.214	0.210	0.211	0.213	0.214	0.216	0.200	0.181	0.207	5.61
59)	C	trichloroethene	0.393	0.372	0.374	0.377	0.385	0.370	0.343	0.301	0.364	8.04
60)	C	2,2,4-trimethy...	1.936	1.858	1.856	1.823	1.839	1.806	1.599	1.292	1.751	11.94
61)		methyl methacr...			0.452	0.456	0.458	0.478	0.492	0.480	0.460	0.468	3.19
62)		heptane	0.646	0.607	0.610	0.604	0.624	0.628	0.608	0.577	0.613	3.32

Response Factor Report

Method Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Method File : TFS4_250911.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Sep 12 11:05:38 2025
Response Via : Initial Calibration

Calibration Files
0.2 =r440895.D 0.5 =r440896.D 1.0 =r440897.D 5.0 =r440898.D 10 =r440899.D 20 =r440900.D
50 =r440901.D 100 =r440902.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
63)	C	cis-1,3-dichlo...	0.472	0.466	0.460	0.470	0.485	0.485	0.467	0.457	0.470	2.20
64)	C	4-methyl-2-pen...		0.719	0.721	0.738	0.767	0.772	0.748	0.718	0.741	3.06
65)		trans-1,3-dich...	0.362	0.350	0.357	0.360	0.371	0.372	0.363	0.353	0.361	2.18
66)	C	1,1,2-trichlor...	0.386	0.373	0.371	0.372	0.387	0.375	0.348	0.306	0.365	7.32
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	7.386	7.083	6.953	7.015	7.197	6.897	6.602	6.469	6.950	4.31
69)	s	toluene-D8			6.001	5.927	5.913	6.076	6.636	6.887	6.240	6.66
70)		2-methylthiophene	6.159	5.998	5.965	7.555	7.846	6.068	5.963	5.800	6.419	12.48
71)		1,3-dichloropr...	3.232	2.989	3.007	2.957	3.088	3.160	3.290	3.513	3.154	5.94
72)		2-hexanone	4.150	3.863	3.887	4.134	4.390	4.419	4.565	4.589	4.250	6.70
73)		3-methylthiophene	6.304	6.036	5.980	7.721	7.961	6.174	5.917	5.636	6.466	13.50
74)		dibromochlorom...	2.905	2.813	2.811	2.799	2.870	2.841	2.737	2.595	2.796	3.42
75)	C	1,2-dibromoethane	3.149	3.072	2.997	3.095	3.208	3.145	3.176	3.146	3.124	2.13
76)		butyl acetate		1.004	1.058	0.955	1.000	1.028	1.131	1.273	1.064	10.09
77)		octane	2.880	2.744	2.746	2.628	2.679	2.694	2.629	2.649	2.706	3.11
78)	C	tetrachloroethene	2.987	2.754	2.820	2.849	2.935	2.851	2.756	2.587	2.818	4.36
79)		1,1,1,2-tetrac...	2.315	2.241	2.214	2.144	2.221	2.203	2.129	1.942	2.176	5.08
80)	C	chlorobenzene	5.397	5.293	5.212	5.294	5.496	5.337	5.301	4.995	5.291	2.76
81)	C	ethylbenzene	9.284	8.958	8.901	8.964	9.222	8.728	8.301	7.988	8.793	5.07
82)		2-ethylthiophene	7.475	7.054	7.008	9.010	9.189	7.154	6.783	6.381	7.507	13.75
83)	C	m+p-xylene	7.690	7.314	7.280	7.304	7.400	6.933	6.444	5.880	7.031	8.44
84)	C	bromoform	2.692	2.644	2.639	2.678	2.754	2.697	2.645	2.437	2.648	3.53
85)	C	styrene	5.493	5.394	5.356	5.707	5.971	5.930	5.938	5.827	5.702	4.46
86)	C	1,1,2,2-tetrac...	4.645	4.507	4.499	4.459	4.558	4.420	4.395	4.122	4.451	3.47
87)	C	o-xylene	7.475	7.478	7.195	7.256	7.331	6.771	6.217	5.481	6.901	10.34
88)		1,2,3-trichlor...	3.482	3.352	3.362	3.355	3.526	3.634	3.775	3.955	3.555	6.19
89)		nonane	5.426	5.289	5.050	5.095	5.313	5.517	5.622	5.501	5.352	3.81
90)	s	bromofluoroben...			4.008	4.126	4.112	4.148	4.447	4.650	4.248	5.79
91)	C	isopropylbenzene	9.360	8.970	8.878	8.830	9.221	9.350	8.989	8.284	8.985	3.89
92)		bromobenzene	4.840	4.821	4.705	4.623	4.814	4.882	4.947	4.928	4.820	2.27
93)		2-chlorotoluene	2.498	2.416	2.386	2.380	2.499	2.471	2.439	2.404	2.437	1.96

Response Factor Report

Method Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Method File : TFS4_250911.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Sep 12 11:05:38 2025
Response Via : Initial Calibration

Calibration Files
0.2 =r440895.D 0.5 =r440896.D 1.0 =r440897.D 5.0 =r440898.D 10 =r440899.D 20 =r440900.D
50 =r440901.D 100 =r440902.D

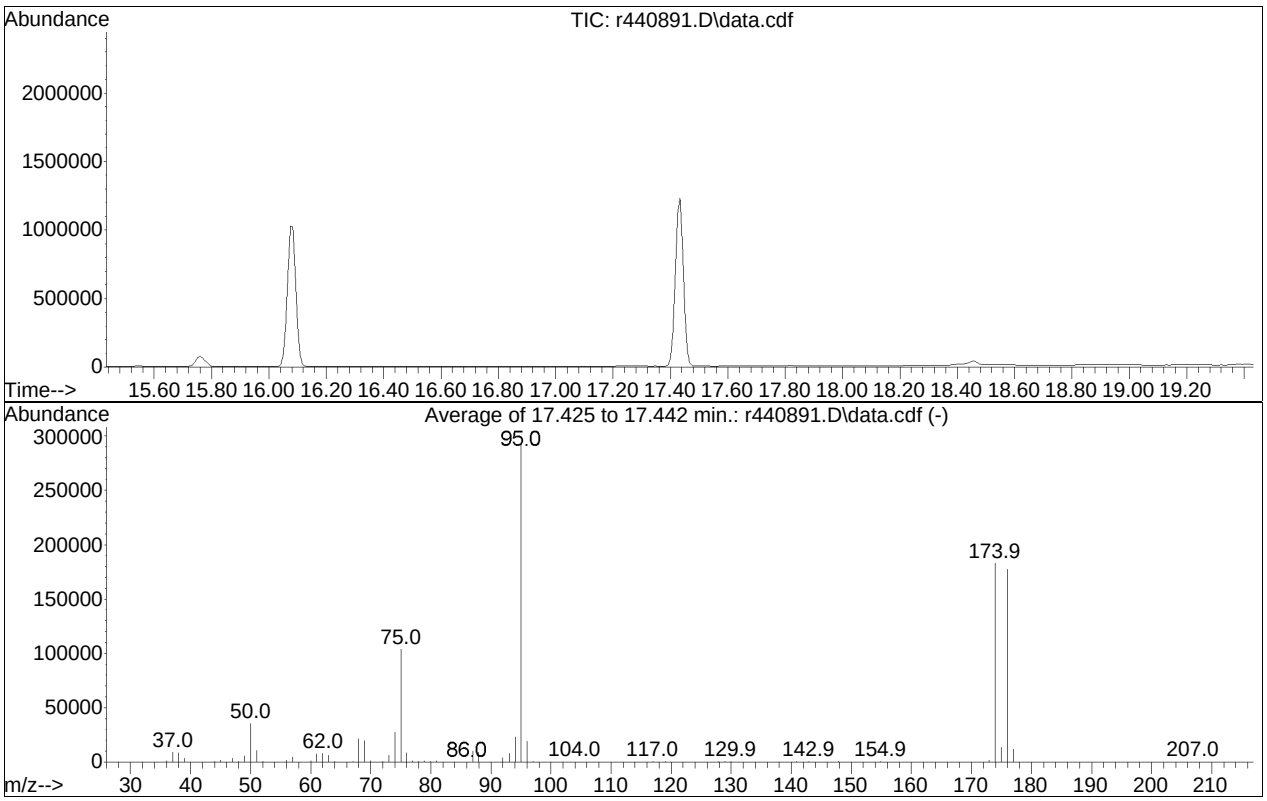
		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
94)		n-propylbenzene	2.948	2.879	2.772	2.768	2.904	2.954	2.958	2.878	2.883	2.66
95)		4-chlorotoluene	2.471	2.406	2.388	2.337	2.428	2.453	2.463	2.522	2.434	2.33
96)		4-ethyl toluene	9.068	8.589	8.719	8.869	9.304	9.321	8.968	8.588	8.928	3.26
97)		1,3,5-trimethy...	7.993	7.542	7.430	7.908	8.251	8.079	7.726	6.879	7.726	5.67
98)		tert-butylbenzene	8.560	8.564	8.413	7.887	7.920	7.758	7.010	5.978	7.761	11.41
99)		1,2,4-trimethy...	8.281	8.051	7.779	8.711	8.926	7.836	6.889	5.786	7.782	13.10
100)		decane	8.207	7.756	7.769	7.170	7.352	7.103	6.522	5.936	7.227	10.10
101)	C	Benzyl Chloride	6.610	6.463	6.440	6.491	6.834	6.530	6.269	5.762	6.425	4.86
102)		1,3-dichlorobe...	4.568	4.418	4.612	4.739	5.021	4.784	4.618	4.408	4.646	4.34
103)	C	1,4-dichlorobe...	4.222	4.292	4.240	4.600	4.815	4.673	4.624	4.315	4.472	5.15
104)		sec-butylbenzene	1.172	1.116	1.117	1.079	1.137	1.144	1.084	0.962	1.101	5.81
105)		1,2,3-trimethy...	8.708	8.088	8.088	7.894	8.275	8.103	7.095	6.007	7.782	10.89
106)		p-isopropyltol...	9.465	9.410	9.352	8.794	9.274	9.174	8.271	6.987	8.841	9.60
107)		1,2-dichlorobe...	4.222	4.042	4.188	4.364	4.644	4.479	4.418	4.399	4.345	4.33
108)		n-butylbenzene	8.192	8.141	7.999	7.502	7.926	7.796	7.623	7.410	7.824	3.72
109)		indan	6.389	6.423	6.397	6.101	6.475	6.693	6.683	6.473	6.454	2.89
110)		indene	4.726	4.686	4.747	4.778	5.136	5.400	5.514	5.526	5.064	7.36
111)	C	1,2-dibromo-3-...	1.940	1.863	1.874	1.840	2.006	2.049	2.103	2.064	1.967	5.18
112)		undecane	8.219	7.139	8.199	7.567	6.707	6.638	5.976	5.145	6.949	15.34
113)		1,2,4,5-tetram...	3.933	3.847	3.919	4.062	4.389	3.954	4.547	4.301	4.119	6.28
114)		dodecane	8.226	8.317	8.556	7.790	7.948	6.870	6.692	6.051	7.556	11.96
115)	C	1,2,4-trichlor...	2.393	2.669	2.770	2.922	3.235	3.099	3.341	3.458	2.986	12.18
116)		naphthalene	5.868	6.261	6.541	6.646	7.275	7.025	7.712	8.479	6.976	12.03
117)		1,2,3-trichlor...	2.390	2.641	2.790	2.679	2.980	2.870	3.169	3.404	2.865	11.13
118)		benzothiophene	1.989	2.253	2.351	5.832	6.508	2.732	3.032	3.660	3.544	48.24#
119)	C	hexachlorobuta...	3.781	4.013	4.032	4.015	4.150	3.542	3.257	2.854	3.706	12.29
120)		2-methylnaphth...			0.348	0.590	0.694	0.380	0.472	0.557	0.507	26.03
121)		1-methylnaphth...			0.676	2.017	2.384	0.706	0.859	0.990	1.272	57.98#

(#) = Out of Range

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440891.D
Acq On : 11 Sep 2025 5:12 PM
Operator : AIRPIANO4:RAY
Sample : WG2114096-1,3,250,250
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Sep 12 11:05:38 2025



Spectrum Information: Average of 17.425 to 17.442 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	12.1	35445	PASS
75	95	30	66	35.3	103850	PASS
95	95	100	100	100.0	293920	PASS
96	95	5	9	6.5	19026	PASS
173	174	0.00	2	0.9	1718	PASS
174	95	50	120	62.2	182961	PASS
175	174	4	9	7.4	13502	PASS
176	174	93	101	96.9	177349	PASS
177	176	5	9	6.6	11694	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440895.D
Acq On : 11 Sep 2025 7:39 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:40:42 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.217	49	317196	10.000	ppbV	0.00
Standard Area = 322076			Recovery = 98.48%			
43) 1,4-difluorobenzene	11.433	114	944930	10.000	ppbV	0.00
Standard Area = 942213			Recovery = 100.29%			
67) chlorobenzene-D5	16.083	54	153210	10.000	ppbV	0.00
Standard Area = 154953			Recovery = 98.88%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.083	65	304953	10.167	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.67%			
69) toluene-D8	14.250	98	936922	10.342	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.42%			
90) bromofluorobenzene	17.425	95	625233	9.925	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.25%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.042	51	6685	0.212	ppbV	96
3) propylene	4.072	41	7235M6	0.256	ppbV	
4) propane	4.096	29	6484	0.259	ppbV	92
5) dichlorodifluoromethane	4.144	85	9682	0.204	ppbV	99
6) chloromethane	4.312	50	4096	0.208	ppbV	99
7) Freon-114	4.420	85	10210	0.207	ppbV	99
8) methanol	4.522	31	12412	1.284	ppbV #	85
9) vinyl chloride	4.546	62	5487	0.202	ppbV	98
10) 1,3-butadiene	4.690	54	3914	0.220	ppbV	82
11) butane	4.744	43	8285	0.214	ppbV #	87
12) acetaldehyde	4.462	29	16114	1.765	ppbV	86
13) bromomethane	4.978	94	3824	0.220	ppbV	99
14) chloroethane	5.164	64	2825	0.207	ppbV	90
15) ethanol	5.367	31	30862	1.876	ppbV	95
16) dichlorofluoromethane	5.272	67	10452	0.201	ppbV	91
17) vinyl bromide	5.540	106	4304	0.203	ppbV	99
18) acrolein	5.703	56	4171	0.276	ppbV	86
19) acetone	5.880	43	44278	1.136	ppbV #	98
20) acetonitrile	5.563	41	6799	0.222	ppbV	95
21) trichlorofluoromethane	6.000	101	10187	0.203	ppbV	98
22) isopropyl alcohol	6.197	45	29128	0.610	ppbV	99
23) acrylonitrile	6.343	53	5117	0.216	ppbV	97
24) pentane	6.393	43	12977	0.173	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440895.D
Acq On : 11 Sep 2025 7:39 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:40:42 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.474	31	9932	0.193	ppbV		99
26) 1,1-dichloroethene	6.690	61	9232	0.200	ppbV		95
27) tertiary butyl alcohol	6.900	59	14893	0.217	ppbV	#	89
28) methylene chloride	6.834	49	6502	0.232	ppbV		96
29) 3-chloropropene	6.966	41	9323	0.208	ppbV		99
30) carbon disulfide	7.134	76	14698	0.211	ppbV	#	72
31) Freon 113	7.128	101	10235	0.204	ppbV		98
32) trans-1,2-dichloroethene	7.875	61	9271	0.208	ppbV		97
33) 1,1-dichloroethane	8.100	63	11722	0.198	ppbV		97
34) MTBE	8.250	73	15650	0.218	ppbV	#	93
35) vinyl acetate	8.300	43	18704M6	0.232	ppbV		
36) 2-butanone	8.608	43	16097	0.251	ppbV	#	98
37) cis-1,2-dichloroethene	9.033	61	9117	0.205	ppbV		98
38) Ethyl Acetate	9.358	61	2526M6	0.216	ppbV		
39) chloroform	9.375	83	9181	0.208	ppbV		97
40) Tetrahydrofuran	9.892	42	8163	0.245	ppbV		99
41) 2,2-dichloropropane	9.400	77	8063	0.210	ppbV		89
42) 1,2-dichloroethane	10.208	62	7660	0.200	ppbV		99
44) hexane	9.292	57	12881	0.241	ppbV	#	27
45) diisopropyl ether	9.350	87	6388	0.241	ppbV		93
46) tert-butyl ethyl ether	9.958	59	22422	0.207	ppbV		98
48) 1,1,1-trichloroethane	10.492	97	9742	0.187	ppbV		98
49) 1,1-dichloropropene	10.853	75	7765	0.205	ppbV		98
50) benzene	11.020	78	17789	0.200	ppbV		99
51) thiophene	11.167	84	13278	0.164	ppbV		99
52) carbon tetrachloride	11.193	117	8006	0.199	ppbV		97
53) cyclohexane	11.333	56	12204	0.216	ppbV		98
54) tert-amyl methyl ether	11.767	73	17812	0.209	ppbV		98
55) dibromomethane	11.927	93	5992	0.220	ppbV		97
56) 1,2-dichloropropane	11.967	63	7908	0.198	ppbV		97
57) bromodichloromethane	12.187	83	9414	0.206	ppbV		99
58) 1,4-dioxane	12.313	88	4052	0.200	ppbV		94
59) trichloroethene	12.233	130	7418	0.204	ppbV		100
60) 2,2,4-trimethylpentane	12.287	57	36597	0.211	ppbV		98
61) methyl methacrylate	12.500	41	9241	0.205	ppbV		90
62) heptane	12.593	43	12201	0.207	ppbV		95
63) cis-1,3-dichloropropene	13.242	75	8913	0.194	ppbV		97
64) 4-methyl-2-pentanone	13.342	43	14031	0.194	ppbV		98
65) trans-1,3-dichloropropene	13.858	75	6837	0.195	ppbV		95
66) 1,1,2-trichloroethane	14.058	97	7292	0.199	ppbV		97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440895.D
Acq On : 11 Sep 2025 7:39 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:40:42 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68)	toluene	14.358	91	22631	0.205	ppbV		100
70)	2-methylthiophene	14.425	97	18871	0.157	ppbV		97
71)	1,3-dichloropropane	14.383	76	9902	0.209	ppbV		98
72)	2-hexanone	14.675	43	12716	0.189	ppbV		100
73)	3-methylthiophene	14.617	97	19317	0.158	ppbV		98
74)	dibromochloromethane	14.792	129	8902	0.202	ppbV		95
75)	1,2-dibromoethane	15.042	107	9649	0.196	ppbV		99
76)	butyl acetate	15.300	73	5501	0.359	ppbV		94
77)	octane	15.367	85	8826	0.215	ppbV		97
78)	tetrachloroethene	15.492	166	9152	0.204	ppbV		97
79)	1,1,1,2-tetrachloroethane	16.108	131	7093	0.208	ppbV		96
80)	chlorobenzene	16.117	112	16539	0.196	ppbV		97
81)	ethylbenzene	16.458	91	28449	0.201	ppbV		98
82)	2-ethylthiophene	16.492	97	22905	0.163	ppbV		98
83)	m+p-xylene	16.617	91	47125	0.416	ppbV		96
84)	bromoform	16.683	173	8248	0.195	ppbV		99
85)	styrene	16.933	104	16833	0.184	ppbV		98
86)	1,1,2,2-tetrachloroethane	17.033	83	14232	0.204	ppbV		99
87)	o-xylene	17.033	91	22905	0.204	ppbV		96
88)	1,2,3-trichloropropane	17.142	75	10670	0.197	ppbV		97
89)	nonane	17.225	43	16627	0.204	ppbV		95
91)	isopropylbenzene	17.542	105	28680	0.203	ppbV		98
92)	bromobenzene	17.617	77	14830	0.201	ppbV		95
93)	2-chlorotoluene	17.950	126	7654	0.200	ppbV		91
94)	n-propylbenzene	17.975	120	9034	0.203	ppbV		99
95)	4-chlorotoluene	18.008	126	7573	0.204	ppbV		93
96)	4-ethyl toluene	18.100	105	27785	0.195	ppbV		99
97)	1,3,5-trimethylbenzene	18.167	105	24491	0.194	ppbV	#	99
98)	tert-butylbenzene	18.508	119	26230M6	0.216	ppbV		
99)	1,2,4-trimethylbenzene	18.508	105	25376	0.186	ppbV	#	90
100)	decane	18.583	57	25147	0.223	ppbV		93
101)	Benzyl Chloride	18.633	91	20255	0.193	ppbV		98
102)	1,3-dichlorobenzene	18.650	146	13996	0.182	ppbV		92
103)	1,4-dichlorobenzene	18.700	146	12936	0.175	ppbV		95
104)	sec-butylbenzene	18.733	105	35898	0.206	ppbV		99
105)	1,2,3-trimethylbenzene	18.875	105	26682	0.210	ppbV		99
106)	p-isopropyltoluene	18.867	119	29004	0.204	ppbV		100
107)	1,2-dichlorobenzene	19.000	146	12938	0.182	ppbV		99
108)	n-butylbenzene	19.233	91	25101	0.207	ppbV		97
109)	indan	19.050	117	19577	0.197	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440895.D
Acq On : 11 Sep 2025 7:39 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:40:42 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

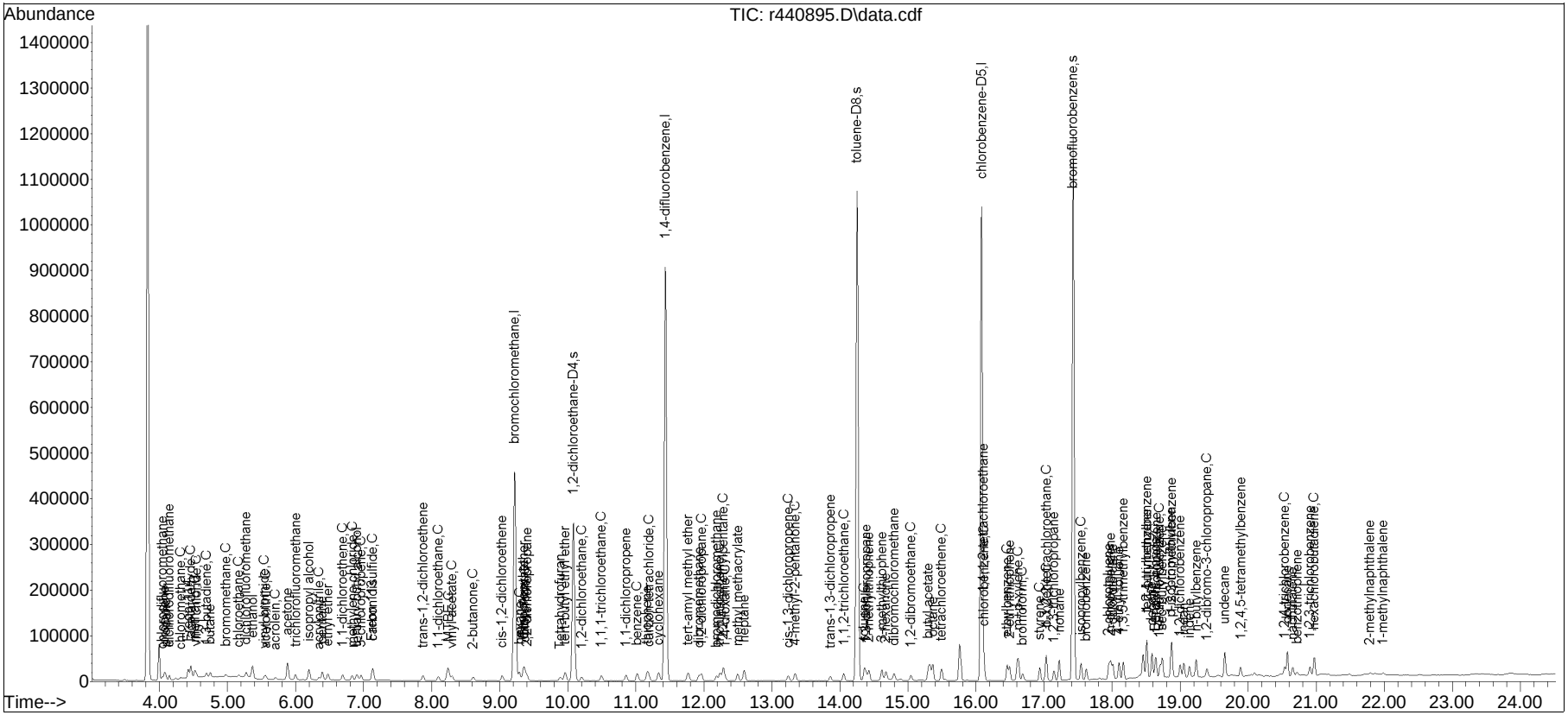
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.133	115	14480	0.184	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.392	75	5944	0.193	ppbV	99
112) undecane	19.658	57	25184	0.245	ppbV #	87
113) 1,2,4,5-tetramethylben...	19.892	119	12053	0.179	ppbV	97
114) dodecane	20.575	57	25207	0.207	ppbV	94
115) 1,2,4-trichlorobenzene	20.533	180	7333	0.148	ppbV	91
116) naphthalene	20.650	128	17982	0.161	ppbV	99
117) 1,2,3-trichlorobenzene	20.908	180	7324	0.160	ppbV	95
118) benzothiophene	20.717	134	6095	0.061	ppbV #	92
119) hexachlorobutadiene	20.967	225	11585	0.182	ppbV	98
120) 2-methylnaphthalene	21.783	142	678	0.064	ppbV #	52
121) 1-methylnaphthalene	21.983	142	1592	0.044	ppbV #	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed09\0911T_I\r440899.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440895.D
Acq On : 11 Sep 2025 7:39 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

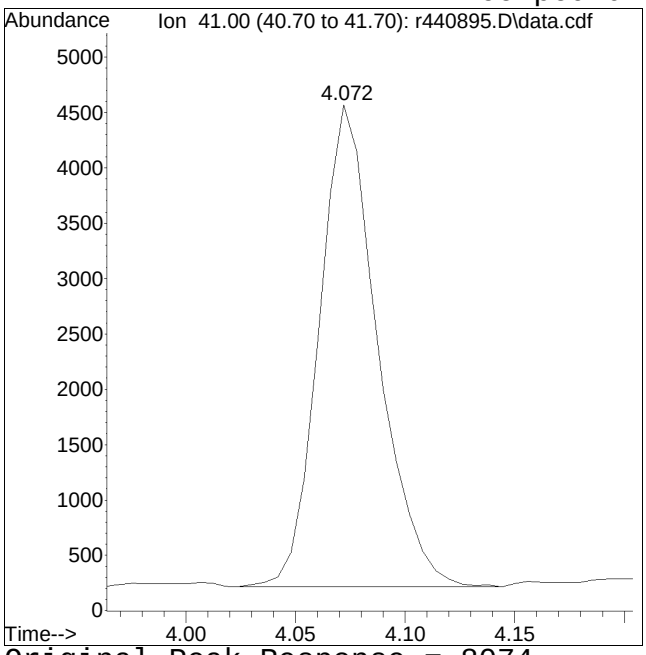
Quant Time: Sep 12 05:40:42 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration



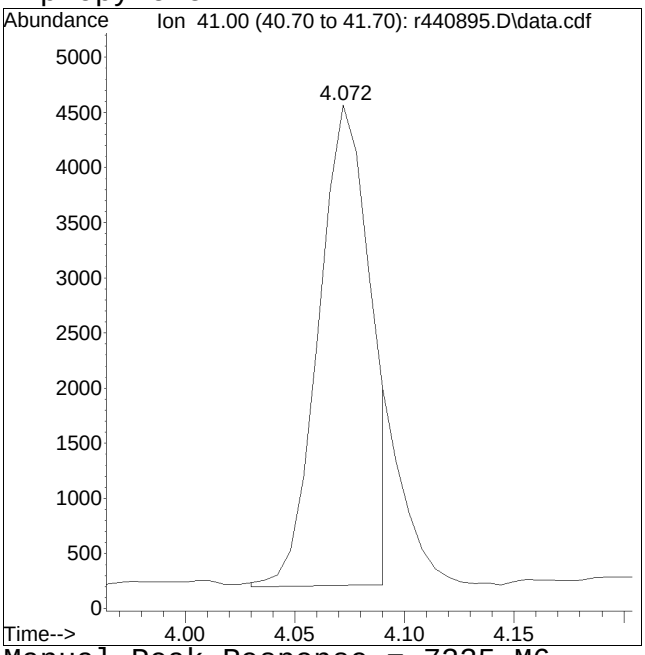
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r440895.D Operator : AIRPIANO4:RAY
Date Inj'd : 9/11/2025 7:39 PM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 9/12/2025 5:40 am

Compound #3: propylene



Original Peak Response = 8074



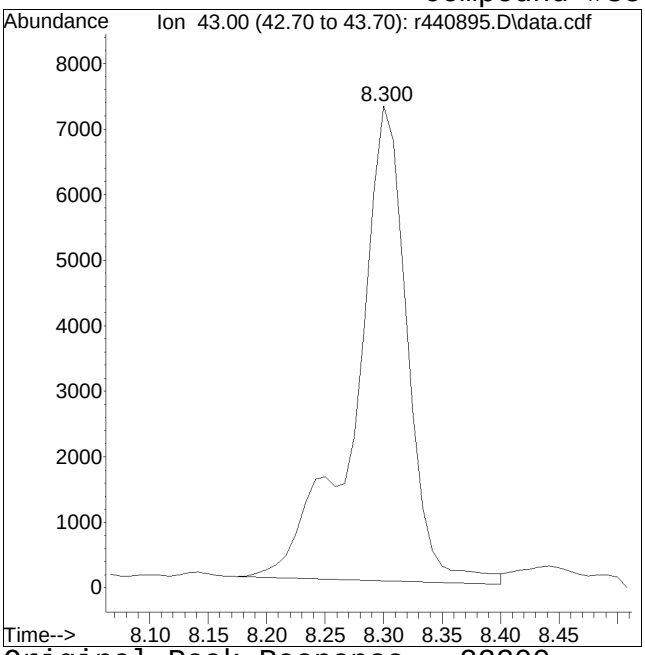
Manual Peak Response = 7235 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

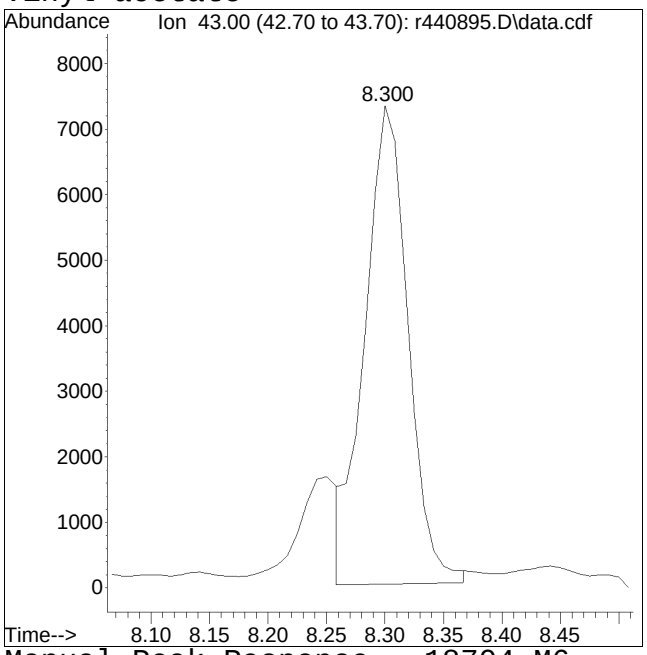
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r440895.D Operator : AIRPIANO4:RAY
Date Inj'd : 9/11/2025 7:39 PM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 9/12/2025 5:40 am

Compound #35: vinyl acetate



Original Peak Response = 22300



Manual Peak Response = 18704 M6

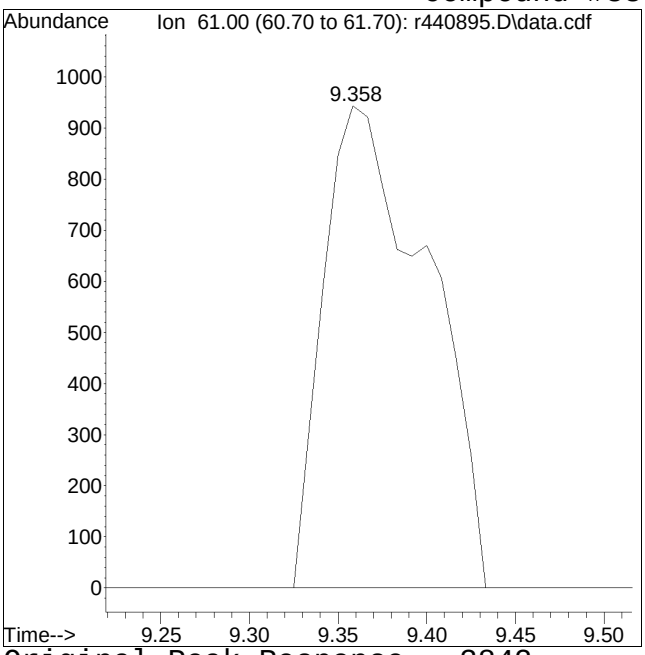
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

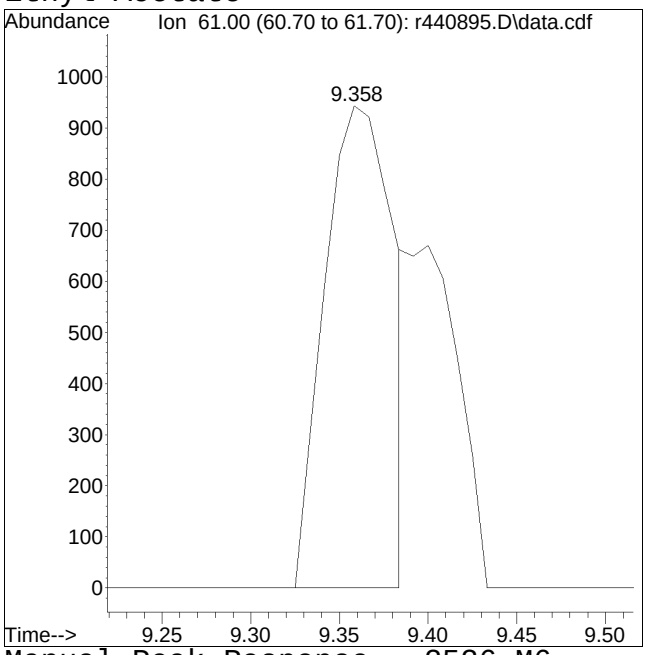
Data Path : X:\Airlab\Data\Airpiano4\2Q
Data File : r440895.D
Date Inj'd : 9/11/2025 7:39 PM
Sample : ITO15-SIMSTD0.2

Method : TFS4_250911.M
Operator : AIRPIANO4:RAY
Instrument :
Quant Date : 9/12/2025 5:40 am

Compound #38: Ethyl Acetate



Original Peak Response = 3842



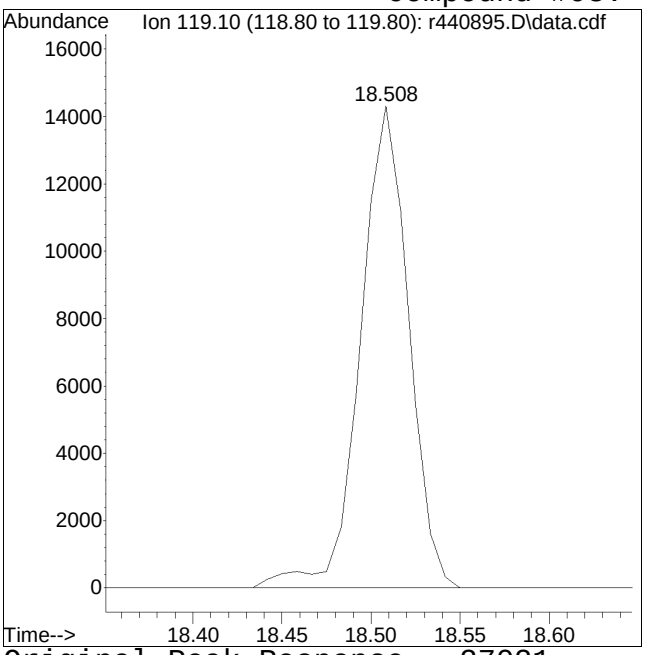
Manual Peak Response = 2526 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

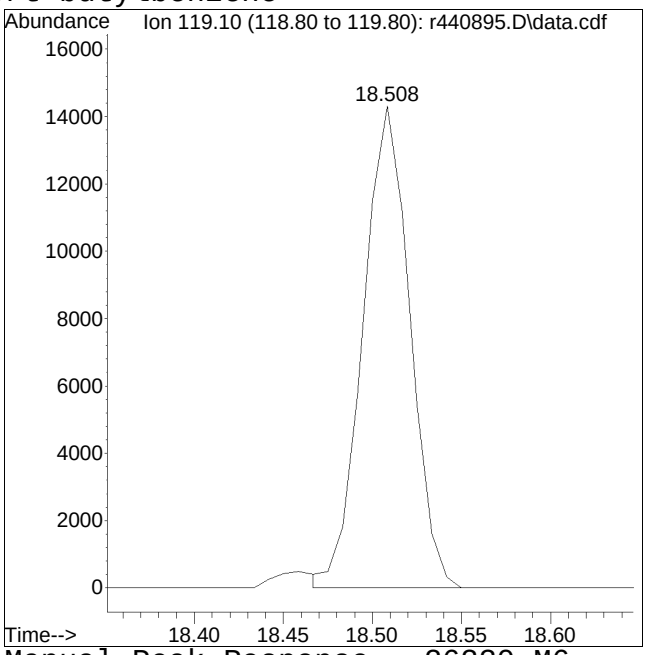
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r440895.D Operator : AIRPIANO4:RAY
Date Inj'd : 9/11/2025 7:39 PM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 9/12/2025 5:40 am

Compound #98: tert-butylbenzene



Original Peak Response = 27021



Manual Peak Response = 26230 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440896.D
Acq On : 11 Sep 2025 8:18 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:40:53 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.217	49	319046	10.000	ppbV	0.00
Standard Area = 322076			Recovery = 99.06%			
43) 1,4-difluorobenzene	11.433	114	942102	10.000	ppbV	0.00
Standard Area = 942213			Recovery = 99.99%			
67) chlorobenzene-D5	16.075	54	155501	10.000	ppbV	0.00
Standard Area = 154953			Recovery = 100.35%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.083	65	301413	10.079	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.79%			
69) toluene-D8	14.250	98	915921	9.962	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.62%			
90) bromofluorobenzene	17.433	95	621111	9.715	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.15%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.036	51	15529	0.490	ppbV	97
3) propylene	4.066	41	15411M6	0.543	ppbV	
4) propane	4.090	29	14182	0.562	ppbV	97
5) dichlorodifluoromethane	4.138	85	23633	0.495	ppbV	99
6) chloromethane	4.306	50	9691	0.489	ppbV	99
7) Freon-114	4.414	85	24455	0.493	ppbV	99
8) methanol	4.510	31	27811	2.860	ppbV	92
9) vinyl chloride	4.534	62	13039	0.477	ppbV	98
10) 1,3-butadiene	4.684	54	9214	0.514	ppbV	98
11) butane	4.738	43	20224	0.520	ppbV	95
12) acetaldehyde	4.450	29	32024	3.487	ppbV	93
13) bromomethane	4.966	94	8757	0.501	ppbV	99
14) chloroethane	5.158	64	6822	0.498	ppbV	99
15) ethanol	5.353	31	58784	3.552	ppbV	97
16) dichlorofluoromethane	5.266	67	26623	0.508	ppbV	98
17) vinyl bromide	5.537	106	10503	0.492	ppbV	98
18) acrolein	5.693	56	8106	0.532	ppbV	96
19) acetone	5.867	43	103490	2.640	ppbV #	100
20) acetonitrile	5.553	41	15534	0.504	ppbV	99
21) trichlorofluoromethane	5.993	101	24925	0.494	ppbV	99
22) isopropyl alcohol	6.183	45	66064	1.375	ppbV	99
23) acrylonitrile	6.333	53	12428	0.521	ppbV	99
24) pentane	6.390	43	28411	0.376	ppbV	97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440896.D
Acq On : 11 Sep 2025 8:18 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:40:53 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.462	31	19793	0.382	ppbV		99
26) 1,1-dichloroethene	6.690	61	22682	0.489	ppbV		99
27) tertiary butyl alcohol	6.888	59	36384	0.526	ppbV		97
28) methylene chloride	6.828	49	14076	0.499	ppbV		100
29) 3-chloropropene	6.960	41	22243	0.494	ppbV		99
30) carbon disulfide	7.134	76	34365	0.491	ppbV	#	87
31) Freon 113	7.128	101	25010	0.495	ppbV		98
32) trans-1,2-dichloroethene	7.867	61	22348	0.499	ppbV		97
33) 1,1-dichloroethane	8.092	63	28838	0.483	ppbV		99
34) MTBE	8.233	73	36855	0.511	ppbV		95
35) vinyl acetate	8.292	43	40206	0.495	ppbV		98
36) 2-butanone	8.600	43	32806	0.509	ppbV		99
37) cis-1,2-dichloroethene	9.033	61	21832	0.488	ppbV		98
38) Ethyl Acetate	9.350	61	6010	0.511	ppbV		83
39) chloroform	9.367	83	22024	0.496	ppbV		99
40) Tetrahydrofuran	9.883	42	17185M6	0.512	ppbV		
41) 2,2-dichloropropane	9.400	77	19600	0.508	ppbV		98
42) 1,2-dichloroethane	10.208	62	18803	0.488	ppbV		99
44) hexane	9.283	57	28960	0.543	ppbV	#	27
45) diisopropyl ether	9.333	87	15428	0.585	ppbV		96
46) tert-butyl ethyl ether	9.950	59	54204	0.502	ppbV		99
48) 1,1,1-trichloroethane	10.492	97	23307	0.448	ppbV		98
49) 1,1-dichloropropene	10.853	75	18859	0.498	ppbV		99
50) benzene	11.020	78	42900	0.483	ppbV		99
51) thiophene	11.167	84	31473	0.390	ppbV		97
52) carbon tetrachloride	11.187	117	19518	0.486	ppbV		98
53) cyclohexane	11.333	56	27855	0.494	ppbV		98
54) tert-amyl methyl ether	11.760	73	42368	0.499	ppbV		99
55) dibromomethane	11.920	93	14244	0.525	ppbV		98
56) 1,2-dichloropropane	11.960	63	19155	0.481	ppbV		98
57) bromodichloromethane	12.180	83	22507	0.494	ppbV		98
58) 1,4-dioxane	12.307	88	9902	0.490	ppbV		94
59) trichloroethene	12.233	130	17530	0.483	ppbV		99
60) 2,2,4-trimethylpentane	12.280	57	87504	0.505	ppbV		100
61) methyl methacrylate	12.487	41	21307	0.473	ppbV		95
62) heptane	12.587	43	28592	0.487	ppbV		97
63) cis-1,3-dichloropropene	13.233	75	21933	0.480	ppbV		99
64) 4-methyl-2-pentanone	13.333	43	33888	0.469	ppbV		98
65) trans-1,3-dichloropropene	13.858	75	16478	0.471	ppbV		99
66) 1,1,2-trichloroethane	14.050	97	17559	0.482	ppbV		98

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440896.D
Acq On : 11 Sep 2025 8:18 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:40:53 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	toluene	14.358	91	55071	0.492	ppbV	97
70)	2-methylthiophene	14.425	97	46632	0.382	ppbV	99
71)	1,3-dichloropropane	14.383	76	23241	0.484	ppbV	96
72)	2-hexanone	14.675	43	30034	0.440	ppbV	100
73)	3-methylthiophene	14.608	97	46933	0.379	ppbV	99
74)	dibromochloromethane	14.792	129	21868	0.490	ppbV	99
75)	1,2-dibromoethane	15.042	107	23888	0.479	ppbV	99
76)	butyl acetate	15.292	73	7807	0.502	ppbV	99
77)	octane	15.358	85	21336	0.512	ppbV	97
78)	tetrachloroethene	15.492	166	21415	0.469	ppbV	97
79)	1,1,1,2-tetrachloroethane	16.100	131	17427	0.505	ppbV	97
80)	chlorobenzene	16.117	112	41150	0.481	ppbV	99
81)	ethylbenzene	16.458	91	69650	0.486	ppbV	97
82)	2-ethylthiophene	16.492	97	54844	0.384	ppbV	98
83)	m+p-xylene	16.617	91	113732	0.988	ppbV	95
84)	bromoform	16.683	173	20554	0.480	ppbV	99
85)	styrene	16.942	104	41942	0.452	ppbV	96
86)	1,1,2,2-tetrachloroethane	17.033	83	35044	0.494	ppbV	97
87)	o-xylene	17.033	91	58138	0.510	ppbV	93
88)	1,2,3-trichloropropane	17.150	75	26063	0.475	ppbV	98
89)	nonane	17.225	43	41123	0.498	ppbV	94
91)	isopropylbenzene	17.550	105	69739	0.486	ppbV	99
92)	bromobenzene	17.625	77	37483	0.501	ppbV	100
93)	2-chlorotoluene	17.950	126	18785	0.483	ppbV	98
94)	n-propylbenzene	17.983	120	22383	0.496	ppbV	100
95)	4-chlorotoluene	18.017	126	18710	0.496	ppbV	99
96)	4-ethyl toluene	18.100	105	66781	0.462	ppbV	98
97)	1,3,5-trimethylbenzene	18.167	105	58636	0.457	ppbV	98
98)	tert-butylbenzene	18.508	119	66587	0.541	ppbV	100
99)	1,2,4-trimethylbenzene	18.508	105	62596	0.451	ppbV	90
100)	decane	18.592	57	60300	0.527	ppbV	92
101)	Benzyl Chloride	18.633	91	50247	0.473	ppbV	99
102)	1,3-dichlorobenzene	18.650	146	34348	0.440	ppbV	95
103)	1,4-dichlorobenzene	18.708	146	33369	0.446	ppbV	94
104)	sec-butylbenzene	18.742	105	86775	0.491	ppbV	99
105)	1,2,3-trimethylbenzene	18.875	105	62885	0.489	ppbV	97
106)	p-isopropyltoluene	18.875	119	73164	0.507	ppbV	99
107)	1,2-dichlorobenzene	19.000	146	31423	0.435	ppbV	97
108)	n-butylbenzene	19.233	91	63296	0.514	ppbV	98
109)	indan	19.050	117	49943	0.496	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440896.D
Acq On : 11 Sep 2025 8:18 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:40:53 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

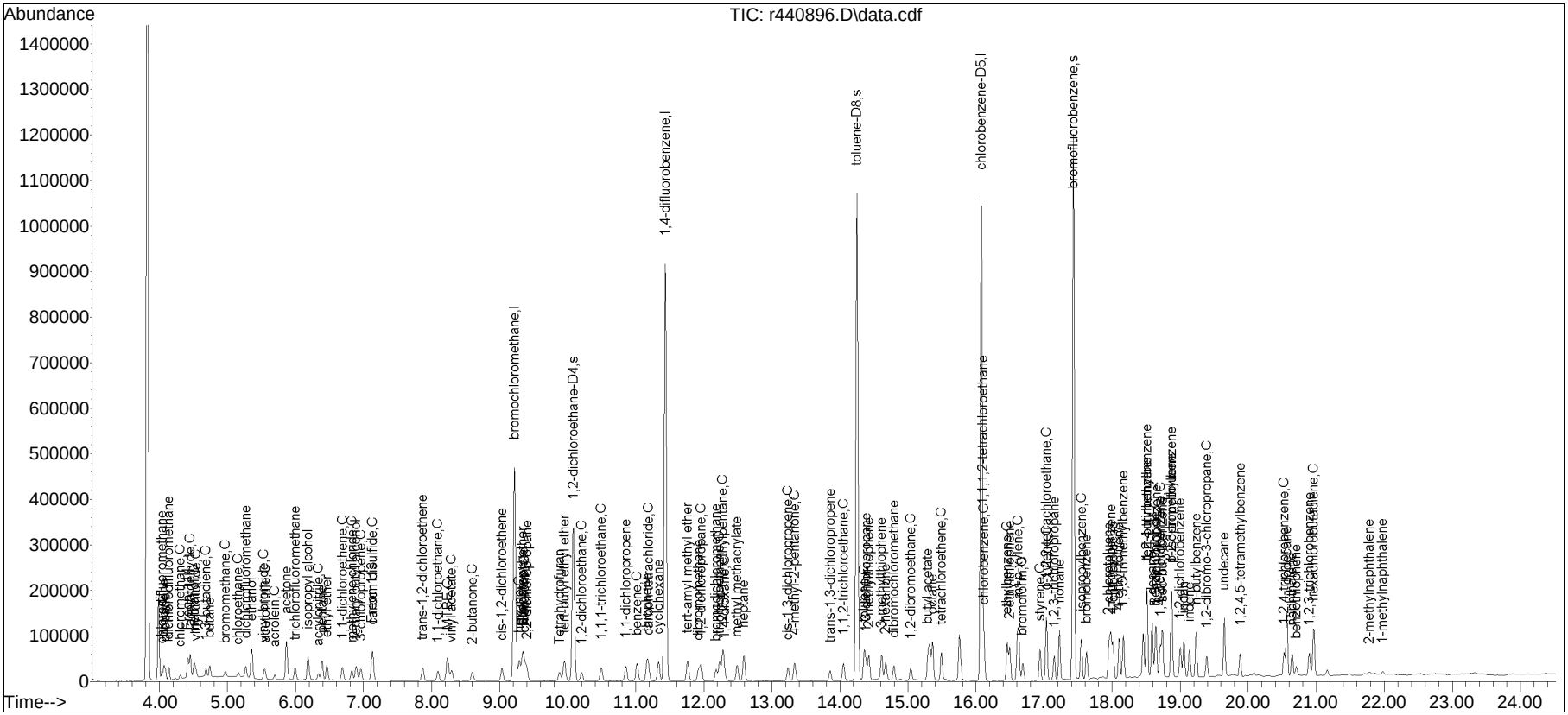
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.133	115	36435	0.456	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.392	75	14483	0.464	ppbV	99
112) undecane	19.650	57	55503	0.532	ppbV	92
113) 1,2,4,5-tetramethylben...	19.883	119	29908	0.438	ppbV	99
114) dodecane	20.567	57	64662	0.523	ppbV	94
115) 1,2,4-trichlorobenzene	20.525	180	20755	0.413	ppbV	97
116) naphthalene	20.642	128	48680	0.430	ppbV	99
117) 1,2,3-trichlorobenzene	20.900	180	20536	0.443	ppbV	97
118) benzothiophene	20.708	134	17514	0.173	ppbV	97
119) hexachlorobutadiene	20.958	225	31204	0.484	ppbV	97
120) 2-methylnaphthalene	21.775	142	2385	0.221	ppbV #	90
121) 1-methylnaphthalene	21.975	142	4844	0.131	ppbV #	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed09\0911T_I\r440899.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440896.D
Acq On : 11 Sep 2025 8:18 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

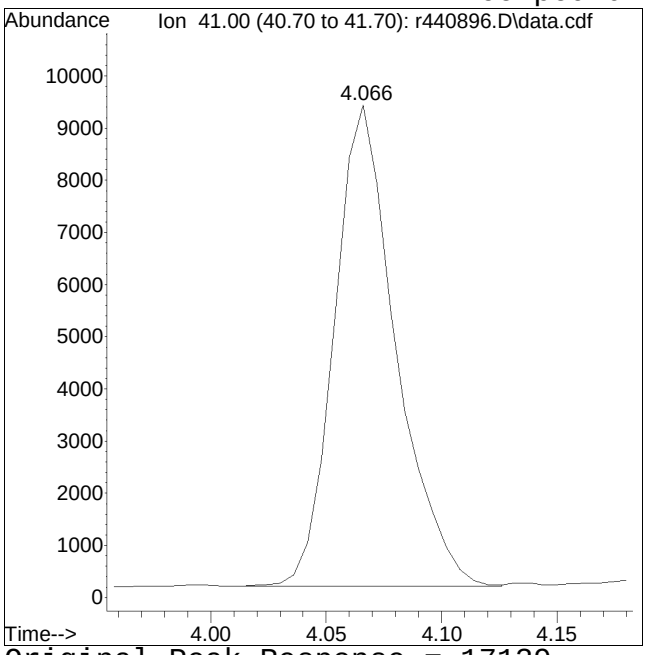
Quant Time: Sep 12 05:40:53 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration



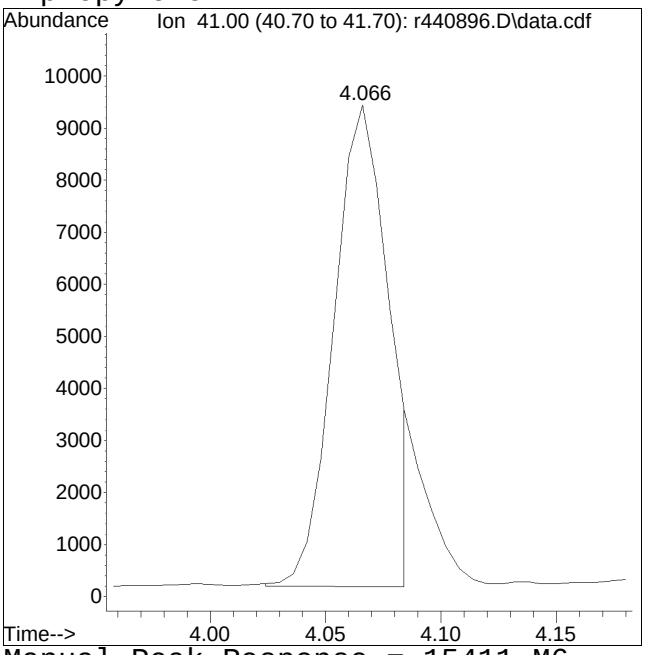
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r440896.D Operator : AIRPIANO4:RAY
Date Inj'd : 9/11/2025 8:18 PM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 9/12/2025 5:40 am

Compound #3: propylene



Original Peak Response = 17139



Manual Peak Response = 15411 M6

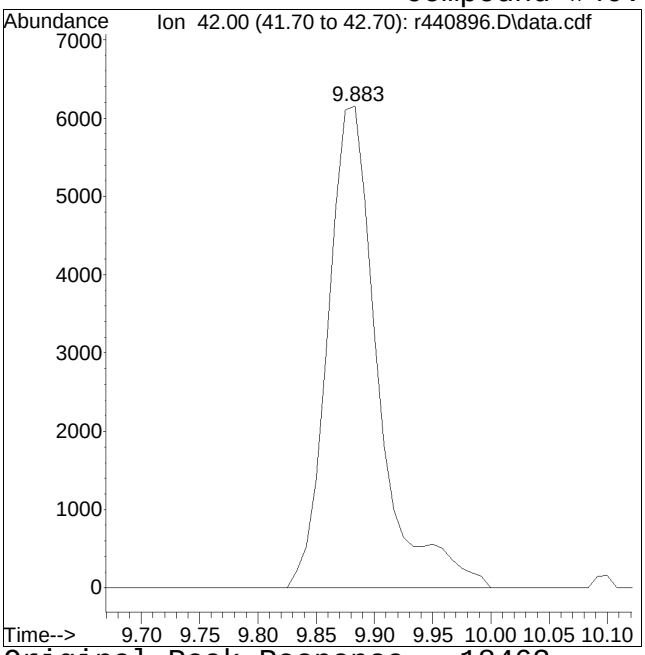
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

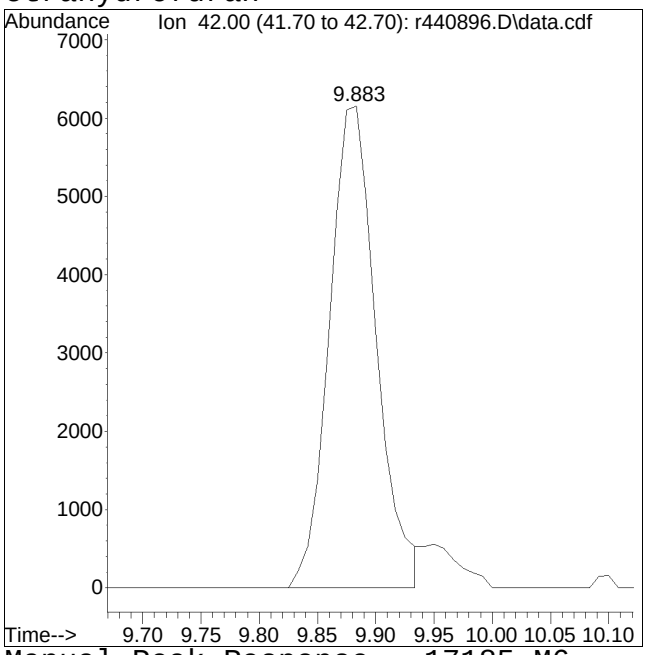
Data Path : X:\Airlab\Data\Airpiano4\2Q
Data File : r440896.D
Date Inj'd : 9/11/2025 8:18 PM
Sample : ITO15-SIMSTD0.5

Method : TFS4_250911.M
Operator : AIRPIANO4:RAY
Instrument :
Quant Date : 9/12/2025 5:40 am

Compound #40: Tetrahydrofuran



Original Peak Response = 18463



Manual Peak Response = 17185 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440897.D
Acq On : 11 Sep 2025 9:00 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:04 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.217	49	316839	10.000	ppbV	0.00
Standard Area = 322076			Recovery = 98.37%			
43) 1,4-difluorobenzene	11.433	114	932707	10.000	ppbV	0.00
Standard Area = 942213			Recovery = 98.99%			
67) chlorobenzene-D5	16.075	54	154135	10.000	ppbV	0.00
Standard Area = 154953			Recovery = 99.47%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.083	65	303739	10.260	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.60%			
69) toluene-D8	14.250	98	925031	10.150	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.50%			
90) bromofluorobenzene	17.425	95	617738	9.747	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.47%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.036	51	33169	1.054	ppbV	100
3) propylene	4.072	41	29656M6	1.051	ppbV	
4) propane	4.090	29	26511	1.059	ppbV #	91
5) dichlorodifluoromethane	4.144	85	46490	0.980	ppbV	99
6) chloromethane	4.312	50	19009	0.965	ppbV	98
7) Freon-114	4.420	85	48133	0.977	ppbV	99
8) methanol	4.510	31	53567	5.548	ppbV	96
9) vinyl chloride	4.540	62	26005	0.958	ppbV	100
10) 1,3-butadiene	4.684	54	17577	0.987	ppbV	96
11) butane	4.744	43	38987	1.009	ppbV	97
12) acetaldehyde	4.450	29	58672	6.433	ppbV	97
13) bromomethane	4.972	94	17067	0.984	ppbV	97
14) chloroethane	5.164	64	13418	0.986	ppbV	98
15) ethanol	5.350	31	107694	6.552	ppbV	98
16) dichlorofluoromethane	5.272	67	48872	0.939	ppbV	99
17) vinyl bromide	5.540	106	20978	0.989	ppbV	99
18) acrolein	5.690	56	16005	1.059	ppbV	96
19) acetone	5.857	43	204217	5.246	ppbV #	100
20) acetonitrile	5.550	41	30410	0.993	ppbV	99
21) trichlorofluoromethane	5.997	101	49213	0.982	ppbV	100
22) isopropyl alcohol	6.177	45	127788	2.677	ppbV	98
23) acrylonitrile	6.333	53	23908	1.009	ppbV	99
24) pentane	6.393	43	56474	0.752	ppbV	100

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440897.D
Acq On : 11 Sep 2025 9:00 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:04 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.450	31	35564	0.691	ppbV		97
26) 1,1-dichloroethene	6.690	61	45099	0.980	ppbV		99
27) tertiary butyl alcohol	6.882	59	70398	1.025	ppbV		98
28) methylene chloride	6.828	49	27724	0.990	ppbV		99
29) 3-chloropropene	6.960	41	44375	0.993	ppbV		100
30) carbon disulfide	7.134	76	68836	0.990	ppbV		95
31) Freon 113	7.128	101	48624	0.968	ppbV		99
32) trans-1,2-dichloroethene	7.875	61	43713	0.983	ppbV		100
33) 1,1-dichloroethane	8.092	63	56925	0.960	ppbV		99
34) MTBE	8.217	73	71809	1.002	ppbV		97
35) vinyl acetate	8.292	43	81017	1.004	ppbV		100
36) 2-butanone	8.583	43	64826	1.012	ppbV		99
37) cis-1,2-dichloroethene	9.033	61	43653	0.983	ppbV		99
38) Ethyl Acetate	9.342	61	12290	1.053	ppbV		76
39) chloroform	9.375	83	43823	0.994	ppbV		99
40) Tetrahydrofuran	9.867	42	33609M6	1.008	ppbV		
41) 2,2-dichloropropane	9.400	77	38596	1.006	ppbV		99
42) 1,2-dichloroethane	10.208	62	36887	0.965	ppbV		100
44) hexane	9.283	57	56497	1.070	ppbV	#	29
45) diisopropyl ether	9.325	87	31289	1.198	ppbV		99
46) tert-butyl ethyl ether	9.942	59	106291	0.993	ppbV		99
48) 1,1,1-trichloroethane	10.492	97	45938	0.891	ppbV		100
49) 1,1-dichloropropene	10.853	75	37093	0.990	ppbV		99
50) benzene	11.020	78	84937	0.966	ppbV		100
51) thiophene	11.167	84	63345	0.793	ppbV		99
52) carbon tetrachloride	11.187	117	38178	0.961	ppbV		99
53) cyclohexane	11.333	56	55957	1.001	ppbV		99
54) tert-amyl methyl ether	11.753	73	83760	0.997	ppbV		100
55) dibromomethane	11.927	93	27849	1.036	ppbV		98
56) 1,2-dichloropropane	11.960	63	37980	0.964	ppbV		100
57) bromodichloromethane	12.187	83	44617	0.989	ppbV		100
58) 1,4-dioxane	12.300	88	19652	0.983	ppbV		84
59) trichloroethene	12.233	130	34921	0.973	ppbV		100
60) 2,2,4-trimethylpentane	12.287	57	173147	1.010	ppbV		99
61) methyl methacrylate	12.487	41	42565	0.955	ppbV		98
62) heptane	12.593	43	56855	0.977	ppbV		100
63) cis-1,3-dichloropropene	13.242	75	42925	0.948	ppbV		99
64) 4-methyl-2-pentanone	13.325	43	67274	0.940	ppbV		99
65) trans-1,3-dichloropropene	13.858	75	33299	0.962	ppbV		99
66) 1,1,2-trichloroethane	14.050	97	34570	0.958	ppbV		99

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440897.D
Acq On : 11 Sep 2025 9:00 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:04 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	14.358	91	107167	0.966	ppbV	100
70) 2-methylthiophene	14.425	97	91949	0.760	ppbV	100
71) 1,3-dichloropropane	14.383	76	46347	0.974	ppbV	98
72) 2-hexanone	14.667	43	59907	0.885	ppbV	98
73) 3-methylthiophene	14.617	97	92166	0.751	ppbV	99
74) dibromochloromethane	14.792	129	43323	0.979	ppbV	99
75) 1,2-dibromoethane	15.042	107	46191	0.934	ppbV	99
76) butyl acetate	15.292	73	16314	1.058	ppbV	97
77) octane	15.358	85	42322	1.025	ppbV	95
78) tetrachloroethene	15.492	166	43470	0.961	ppbV	98
79) 1,1,1,2-tetrachloroethane	16.100	131	34132	0.997	ppbV	98
80) chlorobenzene	16.117	112	80341	0.948	ppbV	98
81) ethylbenzene	16.458	91	137203	0.965	ppbV	97
82) 2-ethylthiophene	16.492	97	108018	0.763	ppbV	98
83) m+p-xylene	16.617	91	224428	1.968	ppbV	96
84) bromoform	16.683	173	40669	0.958	ppbV	100
85) styrene	16.933	104	82552	0.897	ppbV	98
86) 1,1,2,2-tetrachloroethane	17.025	83	69353	0.987	ppbV	100
87) o-xylene	17.025	91	110898	0.981	ppbV	96
88) 1,2,3-trichloropropane	17.142	75	51816	0.953	ppbV	99
89) nonane	17.217	43	77835	0.950	ppbV	93
91) isopropylbenzene	17.542	105	136839	0.963	ppbV	100
92) bromobenzene	17.617	77	72522	0.977	ppbV	98
93) 2-chlorotoluene	17.950	126	36783	0.955	ppbV	84
94) n-propylbenzene	17.975	120	42727	0.955	ppbV	96
95) 4-chlorotoluene	18.008	126	36811	0.984	ppbV	97
96) 4-ethyl toluene	18.100	105	134389	0.937	ppbV	99
97) 1,3,5-trimethylbenzene	18.158	105	114527	0.900	ppbV	97
98) tert-butylbenzene	18.508	119	129678	1.062	ppbV	100
99) 1,2,4-trimethylbenzene	18.508	105	119905	0.871	ppbV	92
100) decane	18.583	57	119750	1.057	ppbV	93
101) Benzyl Chloride	18.633	91	99259	0.942	ppbV	97
102) 1,3-dichlorobenzene	18.642	146	71084	0.919	ppbV	98
103) 1,4-dichlorobenzene	18.700	146	65351	0.881	ppbV	98
104) sec-butylbenzene	18.733	105	172122	0.983	ppbV	98
105) 1,2,3-trimethylbenzene	18.875	105	124660	0.977	ppbV	98
106) p-isopropyltoluene	18.867	119	144146	1.008	ppbV	99
107) 1,2-dichlorobenzene	19.000	146	64555	0.902	ppbV	99
108) n-butylbenzene	19.233	91	123299	1.009	ppbV	98
109) indan	19.050	117	98593	0.988	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440897.D
Acq On : 11 Sep 2025 9:00 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:04 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

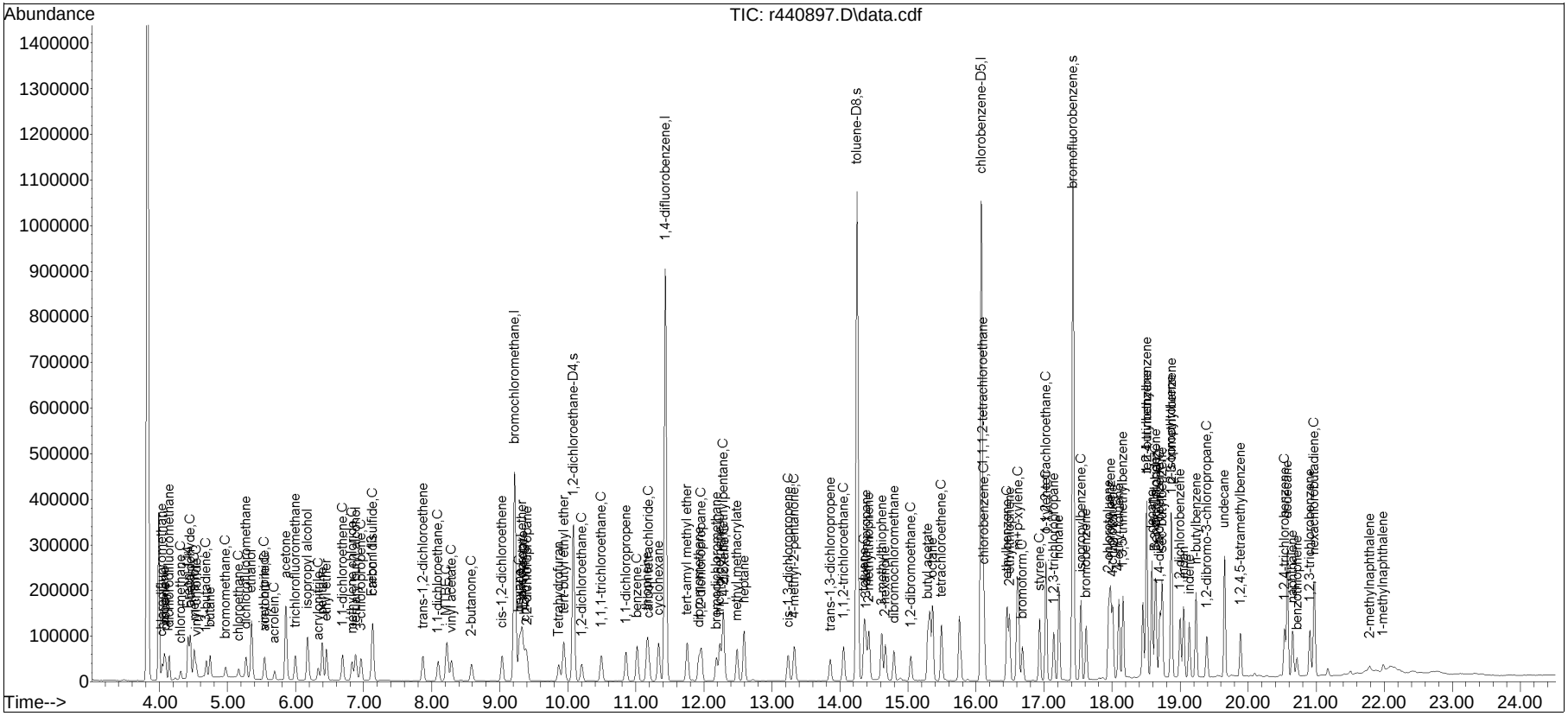
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.133	115	73170	0.924	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.392	75	28891	0.934	ppbV	100
112) undecane	19.650	57	126377	1.223	ppbV	87
113) 1,2,4,5-tetramethylben...	19.883	119	60398	0.893	ppbV	99
114) dodecane	20.575	57	131885	1.077	ppbV	93
115) 1,2,4-trichlorobenzene	20.533	180	42690	0.856	ppbV	98
116) naphthalene	20.650	128	100824	0.899	ppbV	100
117) 1,2,3-trichlorobenzene	20.908	180	42999	0.936	ppbV	99
118) benzothiophene	20.717	134	36239	0.361	ppbV	99
119) hexachlorobutadiene	20.967	225	62152	0.972	ppbV	98
120) 2-methylnaphthalene	21.783	142	5359	0.501	ppbV	90
121) 1-methylnaphthalene	21.983	142	10413	0.283	ppbV	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed09\0911T_I\r440899.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440897.D
Acq On : 11 Sep 2025 9:00 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

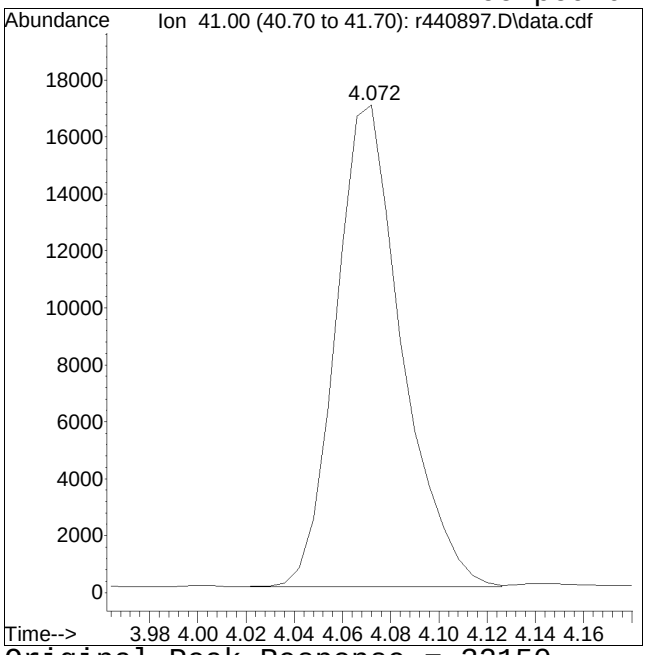
Quant Time: Sep 12 05:41:04 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration



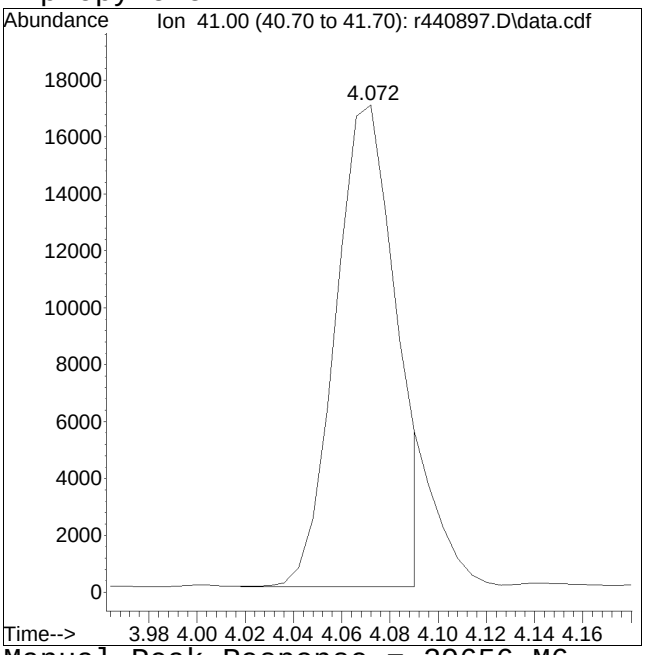
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r440897.D Operator : AIRPIANO4:RAY
Date Inj'd : 9/11/2025 9:00 PM Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 9/12/2025 5:41 am

Compound #3: propylene



Original Peak Response = 32150



Manual Peak Response = 29656 M6

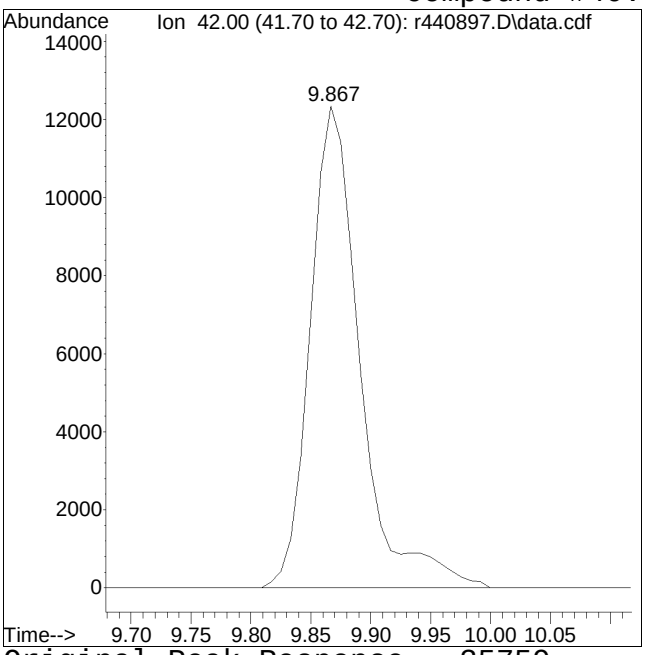
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

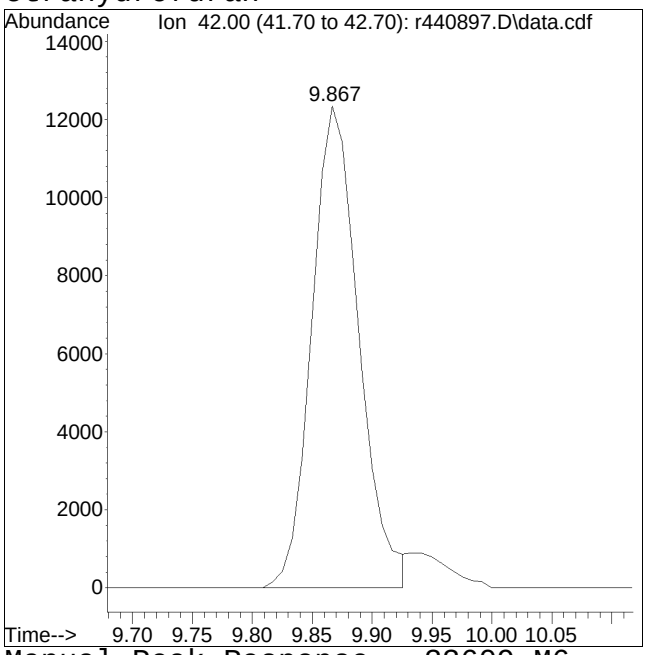
Data Path : X:\Airlab\Data\Airpiano4\2Q
Data File : r440897.D
Date Inj'd : 9/11/2025 9:00 PM
Sample : ITO15-SIMSTD1.0

Method : TFS4_250911.M
Operator : AIRPIANO4:RAY
Instrument :
Quant Date : 9/12/2025 5:41 am

Compound #40: Tetrahydrofuran



Original Peak Response = 35759



Manual Peak Response = 33609 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440898.D
Acq On : 11 Sep 2025 9:40 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.225	49	322287	10.000	ppbV	0.00
Standard Area = 322076			Recovery = 100.07%			
43) 1,4-difluorobenzene	11.433	114	942903	10.000	ppbV	0.00
Standard Area = 942213			Recovery = 100.07%			
67) chlorobenzene-D5	16.075	54	156504	10.000	ppbV	0.00
Standard Area = 154953			Recovery = 101.00%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.083	65	305617	10.211	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.11%			
69) toluene-D8	14.250	98	927560	10.024	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.24%			
90) bromofluorobenzene	17.408	95	645676	10.034	ppbV	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.34%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.036	51	155118	4.845	ppbV	99
3) propylene	4.066	41	143306M6	4.994	ppbV	
4) propane	4.090	29	127299	4.997	ppbV	96
5) dichlorodifluoromethane	4.144	85	241439	5.004	ppbV	100
6) chloromethane	4.306	50	97659	4.875	ppbV	99
7) Freon-114	4.420	85	245636	4.902	ppbV	99
8) methanol	4.492	31	238622	24.296	ppbV	99
9) vinyl chloride	4.540	62	134580	4.872	ppbV	100
10) 1,3-butadiene	4.684	54	87922	4.855	ppbV	99
11) butane	4.744	43	190389	4.842	ppbV	99
12) acetaldehyde	4.444	29	230010	24.792	ppbV	99
13) bromomethane	4.972	94	86990	4.930	ppbV	99
14) chloroethane	5.164	64	67391	4.870	ppbV	99
15) ethanol	5.326	31	365998	21.891	ppbV	98
16) dichlorofluoromethane	5.272	67	235094	4.440	ppbV	99
17) vinyl bromide	5.537	106	106194	4.923	ppbV	99
18) acrolein	5.673	56	76438	4.970	ppbV	99
19) acetone	5.823	43	977000	24.672	ppbV	99
20) acetonitrile	5.530	41	150798	4.841	ppbV	100
21) trichlorofluoromethane	5.997	101	252107	4.947	ppbV	100
22) isopropyl alcohol	6.137	45	596755	12.292	ppbV	100
23) acrylonitrile	6.320	53	117032	4.858	ppbV	100
24) pentane	6.390	43	361802	4.738	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440898.D
Acq On : 11 Sep 2025 9:40 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	6.427	31	238633	4.560	ppbV	99
26) 1,1-dichloroethene	6.690	61	231181	4.937	ppbV	100
27) tertiary butyl alcohol	6.828	59	353316	5.057	ppbV	98
28) methylene chloride	6.828	49	140727	4.938	ppbV	99
29) 3-chloropropene	6.960	41	220572	4.852	ppbV	100
30) carbon disulfide	7.134	76	344533	4.871	ppbV	100
31) Freon 113	7.128	101	249470	4.884	ppbV	100
32) trans-1,2-dichloroethene	7.867	61	220431	4.876	ppbV	99
33) 1,1-dichloroethane	8.092	63	294678	4.888	ppbV	99
34) MTBE	8.183	73	355794	4.882	ppbV	100
35) vinyl acetate	8.275	43	399122	4.862	ppbV	100
36) 2-butanone	8.550	43	318724	4.892	ppbV	100
37) cis-1,2-dichloroethene	9.033	61	222370	4.923	ppbV	99
38) Ethyl Acetate	9.317	61	58185	4.901	ppbV	77
39) chloroform	9.375	83	223700	4.989	ppbV	99
40) Tetrahydrofuran	9.833	42	165264M6	4.872	ppbV	
41) 2,2-dichloropropane	9.400	77	191184	4.901	ppbV	99
42) 1,2-dichloroethane	10.208	62	190327	4.894	ppbV	100
44) hexane	9.283	57	268294	5.025	ppbV	79
45) diisopropyl ether	9.292	87	130313	4.937	ppbV	96
46) tert-butyl ethyl ether	9.908	59	527433	4.876	ppbV	100
48) 1,1,1-trichloroethane	10.492	97	234547	4.500	ppbV	100
49) 1,1-dichloropropene	10.853	75	184959	4.884	ppbV	99
50) benzene	11.020	78	433050	4.874	ppbV	100
51) thiophene	11.167	84	398973	4.942	ppbV	100
52) carbon tetrachloride	11.187	117	197475	4.916	ppbV	99
53) cyclohexane	11.333	56	277732	4.916	ppbV	100
54) tert-amyl methyl ether	11.727	73	412134	4.851	ppbV	100
55) dibromomethane	11.927	93	134430	4.947	ppbV	100
56) 1,2-dichloropropane	11.960	63	194654	4.887	ppbV	99
57) bromodichloromethane	12.180	83	223356	4.899	ppbV	99
58) 1,4-dioxane	12.260	88	100208	4.959	ppbV	86
59) trichloroethene	12.233	130	177911	4.902	ppbV	100
60) 2,2,4-trimethylpentane	12.280	57	859413	4.957	ppbV	99
61) methyl methacrylate	12.473	41	215988	4.794	ppbV	100
62) heptane	12.587	43	284879	4.843	ppbV	99
63) cis-1,3-dichloropropene	13.233	75	221735	4.846	ppbV	100
64) 4-methyl-2-pentanone	13.308	43	348025	4.811	ppbV	99
65) trans-1,3-dichloropropene	13.850	75	169833	4.854	ppbV	98
66) 1,1,2-trichloroethane	14.050	97	175488	4.809	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440898.D
Acq On : 11 Sep 2025 9:40 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	14.358	91	548900	4.873	ppbV	99
70) 2-methylthiophene	14.425	97	591224	4.815	ppbV	100
71) 1,3-dichloropropane	14.383	76	231353	4.787	ppbV	100
72) 2-hexanone	14.650	43	323475	4.708	ppbV	98
73) 3-methylthiophene	14.608	97	604145	4.849	ppbV	99
74) dibromochloromethane	14.792	129	219015	4.876	ppbV	99
75) 1,2-dibromoethane	15.042	107	242181	4.823	ppbV	99
76) butyl acetate	15.283	73	74747	4.776	ppbV	95
77) octane	15.358	85	205633	4.904	ppbV	98
78) tetrachloroethene	15.492	166	222957	4.853	ppbV	99
79) 1,1,1,2-tetrachloroethane	16.100	131	167758	4.827	ppbV	98
80) chlorobenzene	16.117	112	414286	4.816	ppbV	99
81) ethylbenzene	16.450	91	701419	4.860	ppbV	100
82) 2-ethylthiophene	16.483	97	705074	4.903	ppbV	98
83) m+p-xylene	16.608	91	1143126	9.870	ppbV	99
84) bromoform	16.675	173	209530	4.861	ppbV	99
85) styrene	16.925	104	446569	4.779	ppbV	99
86) 1,1,2,2-tetrachloroethane	17.017	83	348950	4.892	ppbV	99
87) o-xylene	17.017	91	567835	4.949	ppbV	98
88) 1,2,3-trichloropropane	17.125	75	262498	4.756	ppbV	99
89) nonane	17.208	43	398672	4.794	ppbV	98
91) isopropylbenzene	17.525	105	691002	4.788	ppbV	100
92) bromobenzene	17.608	77	361790	4.802	ppbV	99
93) 2-chlorotoluene	17.933	126	186273	4.763	ppbV	96
94) n-propylbenzene	17.958	120	216564	4.765	ppbV	95
95) 4-chlorotoluene	17.992	126	182889	4.813	ppbV	97
96) 4-ethyl toluene	18.083	105	694028	4.766	ppbV	100
97) 1,3,5-trimethylbenzene	18.150	105	618781	4.792	ppbV	99
98) tert-butylbenzene	18.492	119	617145	4.979	ppbV	100
99) 1,2,4-trimethylbenzene	18.492	105	681641	4.879	ppbV	95
100) decane	18.575	57	561076	4.876	ppbV	98
101) Benzyl Chloride	18.617	91	507910	4.749	ppbV	100
102) 1,3-dichlorobenzene	18.633	146	370809	4.719	ppbV	99
103) 1,4-dichlorobenzene	18.692	146	359968	4.777	ppbV	98
104) sec-butylbenzene	18.725	105	844559	4.748	ppbV	100
105) 1,2,3-trimethylbenzene	18.858	105	617738	4.770	ppbV	98
106) p-isopropyltoluene	18.858	119	688182	4.741	ppbV	100
107) 1,2-dichlorobenzene	18.992	146	341467	4.698	ppbV	99
108) n-butylbenzene	19.225	91	587036	4.733	ppbV	99
109) indan	19.042	117	477389	4.711	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440898.D
Acq On : 11 Sep 2025 9:40 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

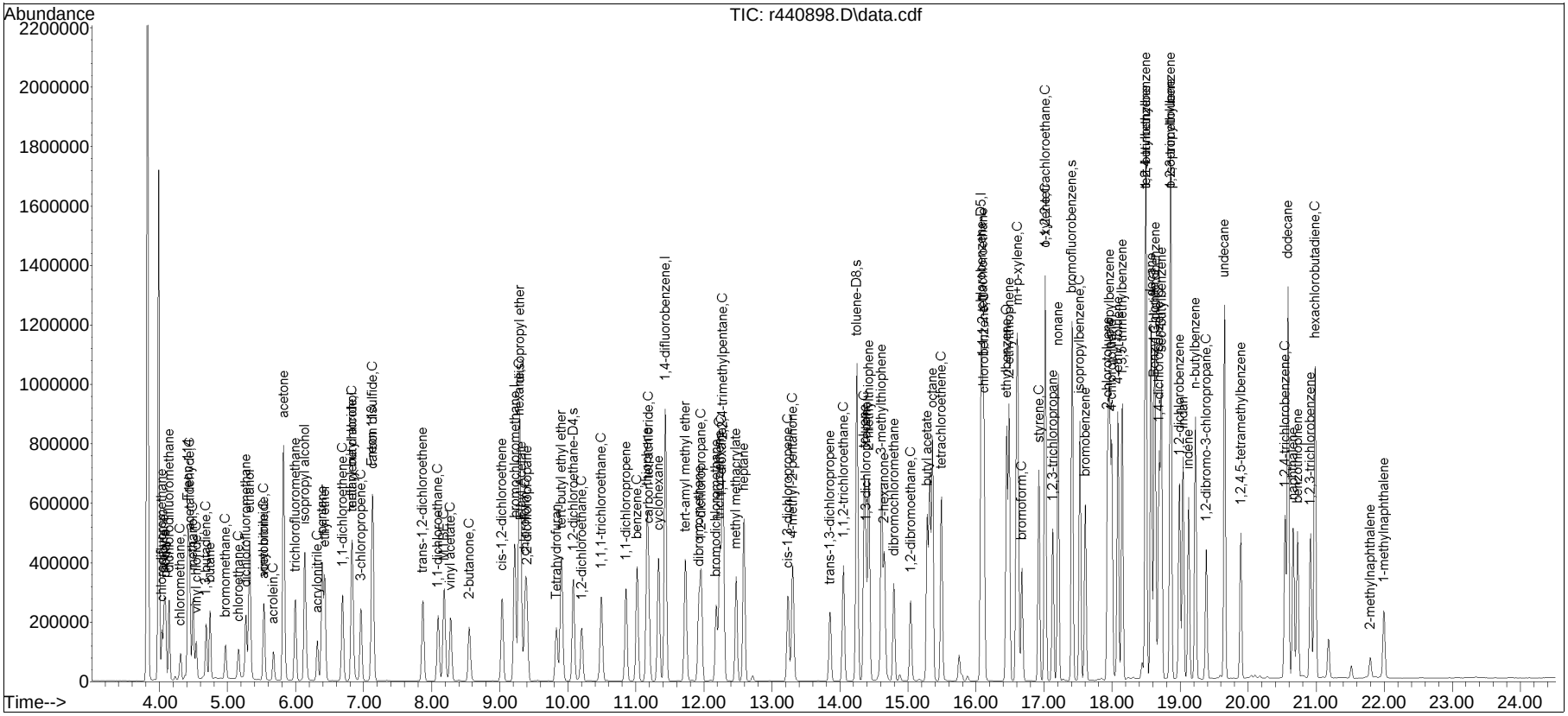
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.125	115	373865	4.651	ppbV	100
111) 1,2-dibromo-3-chloropr...	19.383	75	143967	4.586	ppbV	97
112) undecane	19.650	57	592108	5.641	ppbV	91
113) 1,2,4,5-tetramethylben...	19.892	119	317825	4.627	ppbV	100
114) dodecane	20.583	57	609577	4.901	ppbV	96
115) 1,2,4-trichlorobenzene	20.542	180	228660	4.517	ppbV	100
116) naphthalene	20.658	128	520041	4.567	ppbV	99
117) 1,2,3-trichlorobenzene	20.917	180	209622	4.495	ppbV	99
118) benzothiophene	20.725	134	456360	4.480	ppbV	100
119) hexachlorobutadiene	20.983	225	314208	4.838	ppbV	99
120) 2-methylnaphthalene	21.792	142	46165	4.249	ppbV	99
121) 1-methylnaphthalene	21.992	142	157856	4.230	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed09\0911T_I\r440899.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440898.D
Acq On : 11 Sep 2025 9:40 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

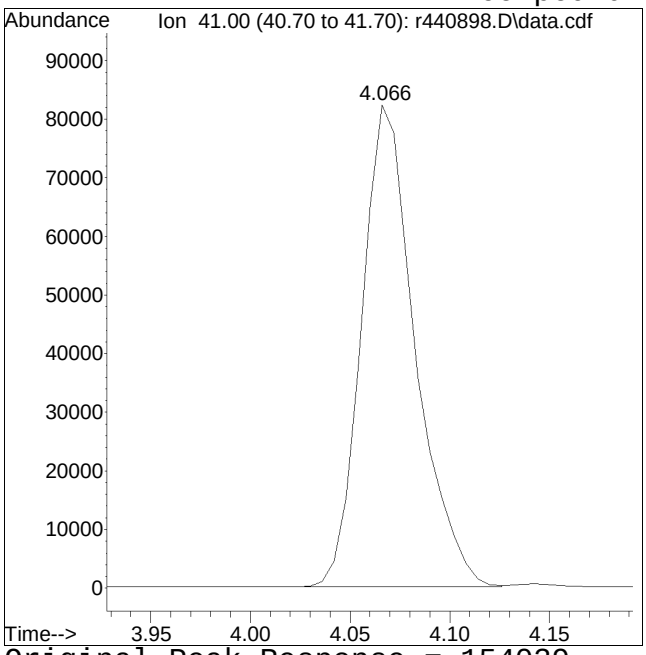
Quant Time: Sep 12 05:41:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration



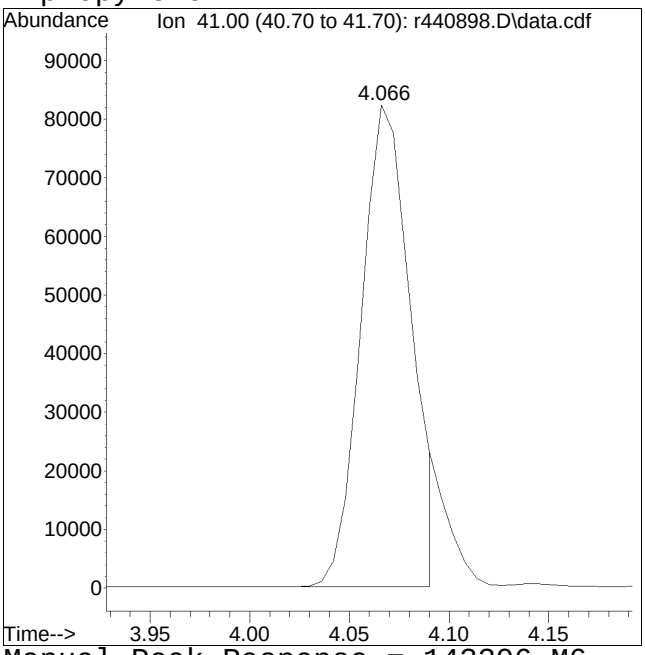
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r440898.D Operator : AIRPIANO4:RAY
Date Inj'd : 9/11/2025 9:40 PM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 9/12/2025 5:41 am

Compound #3: propylene



Original Peak Response = 154039



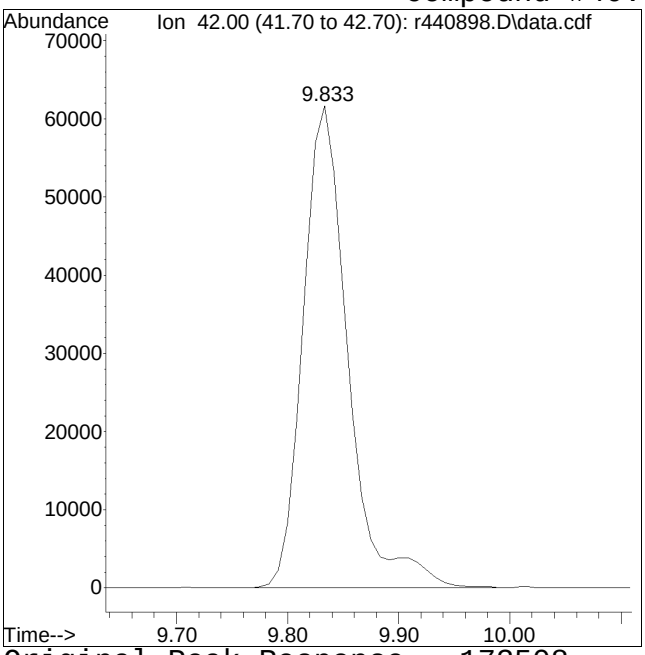
Manual Peak Response = 143306 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

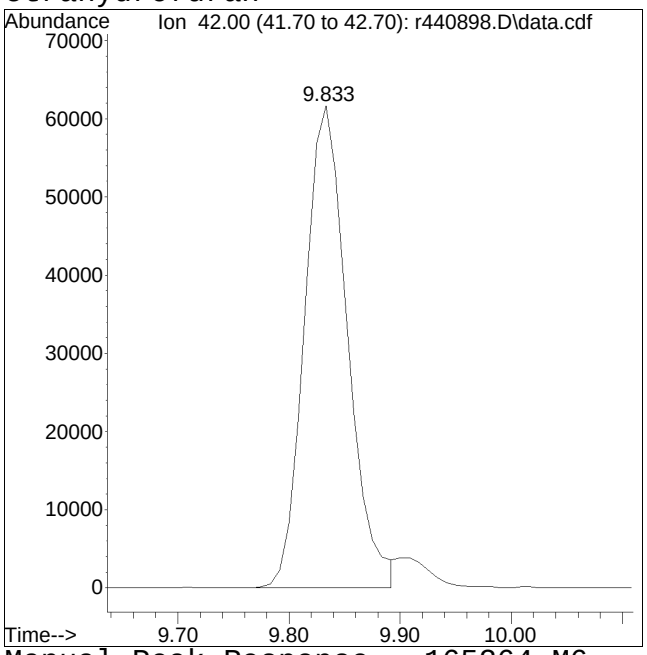
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r440898.D Operator : AIRPIANO4:RAY
Date Inj'd : 9/11/2025 9:40 PM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 9/12/2025 5:41 am

Compound #40: Tetrahydrofuran



Original Peak Response = 173508



Manual Peak Response = 165264 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440899.D
Acq On : 11 Sep 2025 10:21 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD010
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:36:42 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Aug 19 09:12:23 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.225	49	322076	10.000	ppbV	0.04
Standard Area = 322076			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.433	114	942213	10.000	ppbV	# 0.03
Standard Area = 942213			Recovery = 100.00%			
67) chlorobenzene-D5	16.075	54	154953	10.000	ppbV	0.00
Standard Area = 154953			Recovery = 100.00%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.083	65	299071	13.248	ppbV	0.03
Spiked Amount 10.000	Range 70 - 130		Recovery = 132.48%#			
69) toluene-D8	14.250	98	916205	10.279	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.79%			
90) bromofluorobenzene	17.433	95	637109	10.439	ppbV	0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.39%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.030	51	319938	12.042	ppbV #	88
3) propylene	4.066	41	286742M6	14.668	ppbV	
4) propane	4.090	29	254595	12.480	ppbV #	92
5) dichlorodifluoromethane	4.138	85	482158	12.575	ppbV	100
6) chloromethane	4.306	50	200195	12.509	ppbV	99
7) Freon-114	4.414	85	500747	14.567	ppbV	97
8) methanol	4.486	31	490743	75.439	ppbV	89
9) vinyl chloride	4.534	62	276060	16.207	ppbV	97
10) 1,3-butadiene	4.684	54	180993	13.543	ppbV #	46
11) butane	4.738	43	392957	17.682	ppbV #	92
12) acetaldehyde	4.438	29	463568	72.270	ppbV #	84
13) bromomethane	4.966	94	176345	14.078	ppbV	97
14) chloroethane	5.158	64	138303	16.710	ppbV	97
15) ethanol	5.314	31	835401	84.278	ppbV	93
16) dichlorofluoromethane	5.266	67	529153	19.819	ppbV	99
17) vinyl bromide	5.537	106	215549	14.203	ppbV	98
18) acrolein	5.670	56	153697	13.287	ppbV	93
19) acetone	5.813	43	1978714	75.479	ppbV	100
20) acetonitrile	5.527	41	311277	15.419	ppbV	99
21) trichlorofluoromethane	5.993	101	509298	15.087	ppbV	100
22) isopropyl alcohol	6.120	45	1212929	33.538	ppbV	98
23) acrylonitrile	6.317	53	240754	11.876	ppbV	97
24) pentane	6.390	43	763057	17.959	ppbV	98

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440899.D
Acq On : 11 Sep 2025 10:21 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD010
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:36:42 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Aug 19 09:12:23 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.420	31	523014	14.551	ppbV		92
26) 1,1-dichloroethene	6.690	61	467979	16.600	ppbV		91
27) tertiary butyl alcohol	6.804	59	698274	15.974	ppbV	#	93
28) methylene chloride	6.828	49	284802	11.076	ppbV		90
29) 3-chloropropene	6.960	41	454324	13.420	ppbV		88
30) carbon disulfide	7.134	76	706859	12.968	ppbV		99
31) Freon 113	7.128	101	510494	14.635	ppbV		94
32) trans-1,2-dichloroethene	7.875	61	451812	17.337	ppbV		88
33) 1,1-dichloroethane	8.092	63	602474	16.706	ppbV		97
34) MTBE	8.175	73	728247	13.566	ppbV	#	93
35) vinyl acetate	8.275	43	820289	13.622	ppbV		99
36) 2-butanone	8.542	43	651032	14.340	ppbV		99
37) cis-1,2-dichloroethene	9.033	61	451366	16.732	ppbV		88
38) Ethyl Acetate	9.308	61	118641	14.576	ppbV		70
39) chloroform	9.375	83	448058	12.113	ppbV		98
40) Tetrahydrofuran	9.825	42	339000	14.277	ppbV		97
41) 2,2-dichloropropane	9.400	77	389827	12.031	ppbV	#	79
42) 1,2-dichloroethane	10.208	62	388611	17.029	ppbV	#	91
44) hexane	9.283	57	533551	13.915	ppbV		83
45) diisopropyl ether	9.292	87	263778	10.820	ppbV	#	95
46) tert-butyl ethyl ether	9.900	59	1080804	14.309	ppbV	#	91
48) 1,1,1-trichloroethane	10.492	97	520842	13.722	ppbV		90
49) 1,1-dichloropropene	10.860	75	378412	10.717	ppbV	#	80
50) benzene	11.020	78	887827	10.623	ppbV		99
51) thiophene	11.167	84	806789	11.211	ppbV	#	88
52) carbon tetrachloride	11.193	117	401405	11.018	ppbV		99
53) cyclohexane	11.333	56	564495	12.666	ppbV		92
54) tert-amyl methyl ether	11.720	73	848906	11.358	ppbV		97
55) dibromomethane	11.927	93	271543	12.339	ppbV		96
56) 1,2-dichloropropane	11.960	63	398008	14.382	ppbV		98
57) bromodichloromethane	12.180	83	455548	11.063	ppbV		98
58) 1,4-dioxane	12.247	88	201917	13.264	ppbV		88
59) trichloroethene	12.233	130	362636	11.722	ppbV		96
60) 2,2,4-trimethylpentane	12.280	57	1732303	14.217	ppbV		99
61) methyl methacrylate	12.473	41	450173	13.343	ppbV		97
62) heptane	12.587	43	587776	11.885	ppbV		89
63) cis-1,3-dichloropropene	13.233	75	457257	10.762	ppbV	#	84
64) 4-methyl-2-pentanone	13.300	43	722891	12.315	ppbV	#	89
65) trans-1,3-dichloropropene	13.858	75	349627	10.613	ppbV	#	83
66) 1,1,2-trichloroethane	14.050	97	364636	12.561	ppbV		88

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440899.D
Acq On : 11 Sep 2025 10:21 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD010
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:36:42 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Aug 19 09:12:23 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68)	toluene	14.358	91	1115135	11.528	ppbV		98
70)	2-methylthiophene	14.425	97	1215735	12.274	ppbV		99
71)	1,3-dichloropropane	14.383	76	478490	9.908	ppbV	#	83
72)	2-hexanone	14.650	43	680307	12.718	ppbV	#	86
73)	3-methylthiophene	14.608	97	1233623	12.341	ppbV		98
74)	dibromochloromethane	14.792	129	444675	11.315	ppbV		99
75)	1,2-dibromoethane	15.042	107	497137	11.288	ppbV		98
76)	butyl acetate	15.275	73	154958	10.374	ppbV		91
77)	octane	15.358	85	415185	10.749	ppbV		94
78)	tetrachloroethene	15.492	166	454832	11.311	ppbV		97
79)	1,1,1,2-tetrachloroethane	16.100	131	344097	10.893	ppbV		98
80)	chlorobenzene	16.117	112	851648	11.221	ppbV		95
81)	ethylbenzene	16.458	91	1429010	12.069	ppbV		98
82)	2-ethylthiophene	16.492	97	1423849	12.681	ppbV		94
83)	m+p-xylene	16.617	91	2293317	24.214	ppbV		99
84)	bromoform	16.683	173	426773	12.284	ppbV		98
85)	styrene	16.933	104	925169	12.047	ppbV		94
86)	1,1,2,2-tetrachloroethane	17.033	83	706254	11.174	ppbV		98
87)	o-xylene	17.033	91	1136030	12.323	ppbV		98
88)	1,2,3-trichloropropane	17.142	75	546417	10.229	ppbV	#	92
89)	nonane	17.225	43	823297	10.991	ppbV	#	82
91)	isopropylbenzene	17.542	105	1428862	11.575	ppbV		97
92)	bromobenzene	17.625	77	746005	10.277	ppbV		96
93)	2-chlorotoluene	17.950	126	387230	11.278	ppbV		93
94)	n-propylbenzene	17.975	120	449971	11.151	ppbV		82
95)	4-chlorotoluene	18.008	126	376219	10.920	ppbV		86
96)	4-ethyl toluene	18.100	105	1441718	12.432	ppbV		98
97)	1,3,5-trimethylbenzene	18.167	105	1278584	11.908	ppbV		97
98)	tert-butylbenzene	18.508	119	1227294	11.065	ppbV		97
99)	1,2,4-trimethylbenzene	18.508	105	1383155	13.728	ppbV		96
100)	decane	18.583	57	1139236	13.345	ppbV		87
101)	Benzyl Chloride	18.633	91	1058896	14.076	ppbV		97
102)	1,3-dichlorobenzene	18.642	146	777950	12.531	ppbV		95
103)	1,4-dichlorobenzene	18.700	146	746040	12.522	ppbV		94
104)	sec-butylbenzene	18.733	105	1761136	11.691	ppbV		99
105)	1,2,3-trimethylbenzene	18.875	105	1282298	12.227	ppbV		95
106)	p-isopropyltoluene	18.867	119	1437091	11.514	ppbV		98
107)	1,2-dichlorobenzene	19.000	146	719653	12.474	ppbV		97
108)	n-butylbenzene	19.233	91	1228115	12.250	ppbV		98
109)	indan	19.050	117	1003262	10.656	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440899.D
Acq On : 11 Sep 2025 10:21 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD010
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:36:42 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Aug 19 09:12:23 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

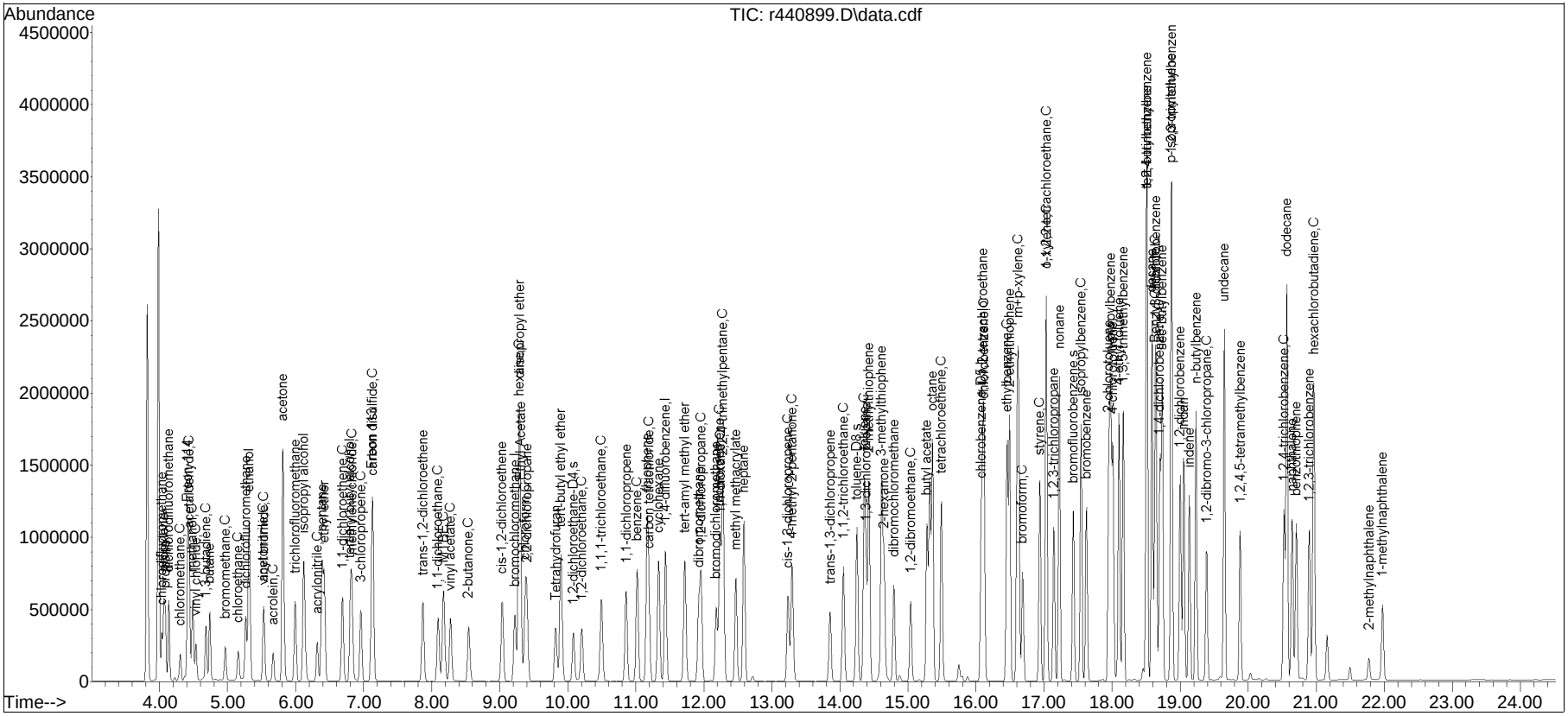
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	19.133	115	795889	11.036	ppbV		99
111) 1,2-dibromo-3-chloropr...	19.392	75	310839	11.930	ppbV	#	83
112) undecane	19.650	57	1039219	11.665	ppbV		96
113) 1,2,4,5-tetramethylben...	19.883	119	680022	10.192	ppbV		93
114) dodecane	20.567	57	1231526	14.747	ppbV		97
115) 1,2,4-trichlorobenzene	20.525	180	501197	16.111	ppbV		97
116) naphthalene	20.642	128	1127332	13.286	ppbV	#	95
117) 1,2,3-trichlorobenzene	20.900	180	461725	13.664	ppbV		99
118) benzothiophene	20.708	134	1008461	26.200	ppbV	#	98
119) hexachlorobutadiene	20.967	225	643013	13.572	ppbV		98
120) 2-methylnaphthalene	21.775	142	107571M3	17.469	ppbV		
121) 1-methylnaphthalene	21.975	142	369446	39.793	ppbV		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed09\0911T_I\r440899.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440899.D
Acq On : 11 Sep 2025 10:21 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD010
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

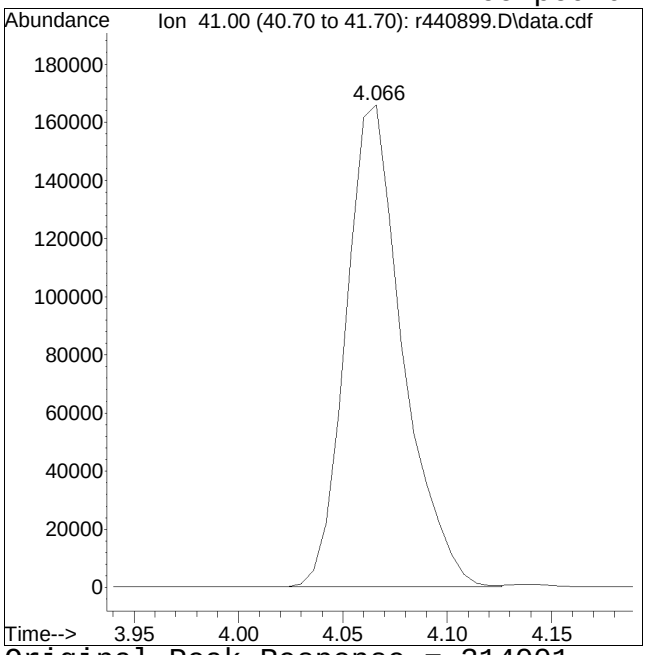
Quant Time: Sep 12 05:36:42 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Aug 19 09:12:23 2025
Response via : Initial Calibration



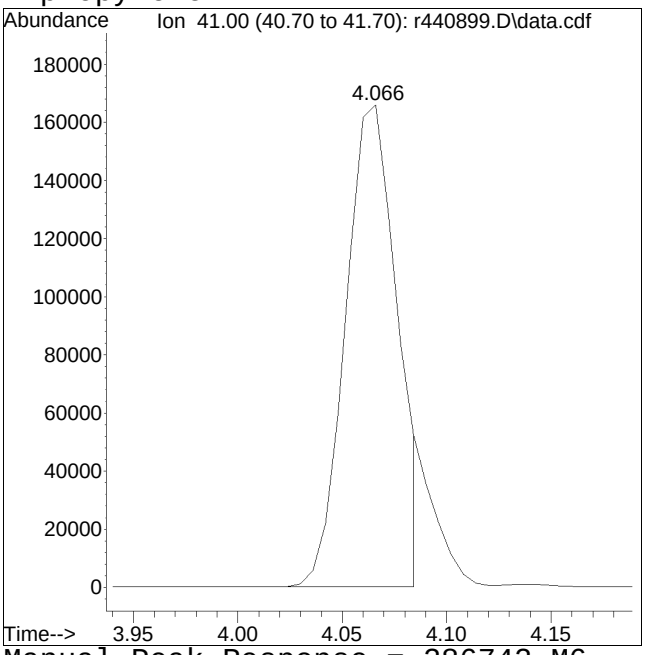
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r440899.D Operator : AIRPIANO4:RAY
Date Inj'd : 9/11/2025 10:21 PM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 9/12/2025 5:36 am

Compound #3: propylene



Original Peak Response = 314001



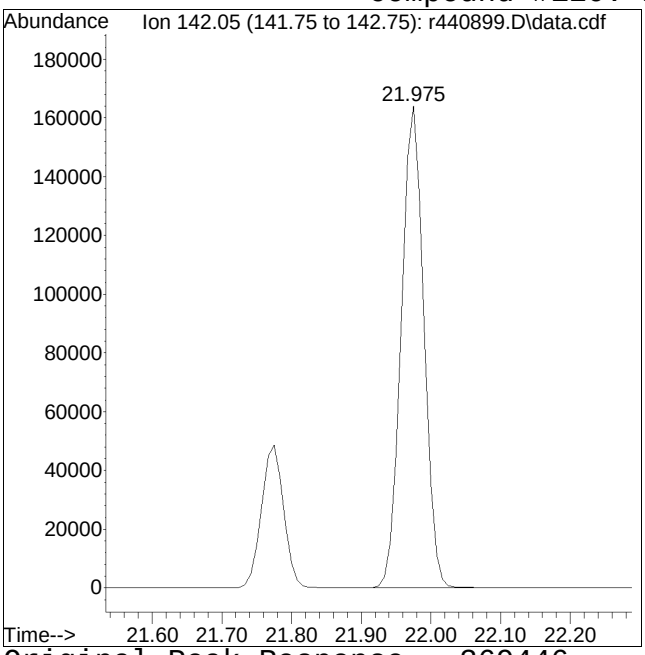
Manual Peak Response = 286742 M6

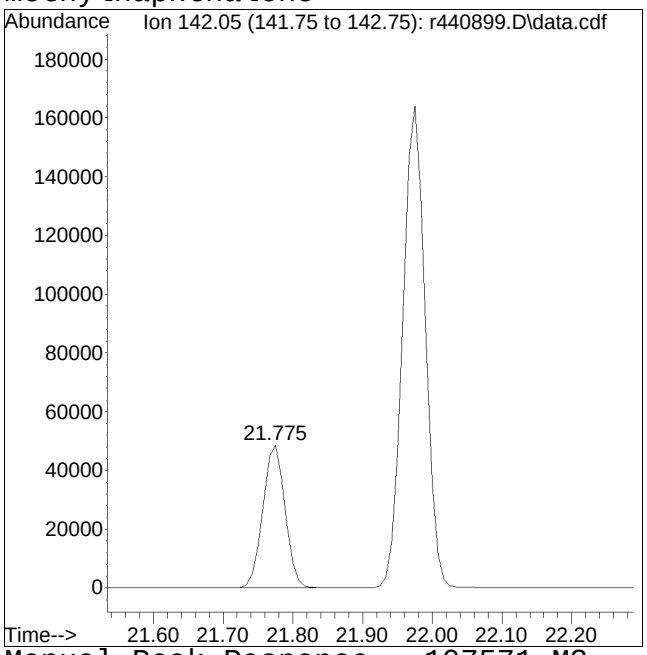
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r440899.D Operator : AIRPIANO4:RAY
Date Inj'd : 9/11/2025 10:21 PM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 9/12/2025 5:36 am

Compound #120: 2-methylnaphthalene





Original Peak Response = 369446 Manual Peak Response = 107571 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440900.D
Acq On : 11 Sep 2025 10:59 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD020
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:27 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.225	49	327500	10.000	ppbV	0.00
Standard Area = 322076			Recovery = 101.68%			
43) 1,4-difluorobenzene	11.433	114	957575	10.000	ppbV	0.00
Standard Area = 942213			Recovery = 101.63%			
67) chlorobenzene-D5	16.075	54	157157	10.000	ppbV	0.00
Standard Area = 154953			Recovery = 101.42%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.083	65	309447	10.181	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.81%			
69) toluene-D8	14.250	98	954935	10.277	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.77%			
90) bromofluorobenzene	17.433	95	651875	10.088	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.88%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.036	51	605850	18.623	ppbV	100
3) propylene	4.066	41	585701M6	20.088	ppbV	
4) propane	4.090	29	503343	19.443	ppbV	97
5) dichlorodifluoromethane	4.138	85	928007	18.928	ppbV	99
6) chloromethane	4.306	50	398472	19.575	ppbV	99
7) Freon-114	4.414	85	980904	19.264	ppbV	100
8) methanol	4.486	31	1015979	101.800	ppbV	100
9) vinyl chloride	4.534	62	548506	19.540	ppbV	100
10) 1,3-butadiene	4.684	54	370078	20.108	ppbV	98
11) butane	4.738	43	814238	20.378	ppbV	99
12) acetaldehyde	4.432	29	932118	98.872	ppbV	95
13) bromomethane	4.966	94	352860	19.678	ppbV	100
14) chloroethane	5.158	64	276127	19.635	ppbV	99
15) ethanol	5.308	31	1890671	111.285	ppbV	99
16) dichlorofluoromethane	5.266	67	1168791	21.722	ppbV	99
17) vinyl bromide	5.533	106	440449	20.095	ppbV	99
18) acrolein	5.667	56	318309	20.367	ppbV	99
19) acetone	5.803	43	3979139	98.883	ppbV	100
20) acetonitrile	5.527	41	651234	20.575	ppbV	100
21) trichlorofluoromethane	5.993	101	1008091	19.466	ppbV	100
22) isopropyl alcohol	6.103	45	2486751	50.406	ppbV	100
23) acrylonitrile	6.317	53	501106	20.469	ppbV	100
24) pentane	6.387	43	1491831	19.227	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440900.D
Acq On : 11 Sep 2025 10:59 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD020
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:27 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.413	31	1223729	23.010	ppbV		99
26) 1,1-dichloroethene	6.690	61	926461	19.469	ppbV		99
27) tertiary butyl alcohol	6.774	59	1505501	21.203	ppbV		99
28) methylene chloride	6.828	49	567458	19.595	ppbV		100
29) 3-chloropropene	6.960	41	930296	20.137	ppbV		100
30) carbon disulfide	7.134	76	1437379	19.998	ppbV		100
31) Freon 113	7.128	101	1000355	19.271	ppbV		100
32) trans-1,2-dichloroethene	7.867	61	912427	19.860	ppbV		98
33) 1,1-dichloroethane	8.092	63	1190440	19.432	ppbV		99
34) MTBE	8.167	73	1493899	20.174	ppbV		99
35) vinyl acetate	8.275	43	1624735	19.479	ppbV		100
36) 2-butanone	8.533	43	1332979	20.136	ppbV		100
37) cis-1,2-dichloroethene	9.033	61	894750	19.495	ppbV		100
38) Ethyl Acetate	9.300	61	236114	19.572	ppbV		83
39) chloroform	9.375	83	889612	19.526	ppbV		100
40) Tetrahydrofuran	9.808	42	702768	20.387	ppbV		99
41) 2,2-dichloropropane	9.400	77	806879	20.356	ppbV		99
42) 1,2-dichloroethane	10.208	62	776085	19.640	ppbV		100
44) hexane	9.283	57	1040552	19.190	ppbV	#	70
45) diisopropyl ether	9.283	87	528610	19.718	ppbV		98
46) tert-butyl ethyl ether	9.892	59	2190289	19.940	ppbV		99
48) 1,1,1-trichloroethane	10.492	97	1038321	19.616	ppbV		100
49) 1,1-dichloropropene	10.853	75	792576	20.609	ppbV		98
50) benzene	11.020	78	1776672	19.690	ppbV		99
51) thiophene	11.167	84	1296886	15.817	ppbV		99
52) carbon tetrachloride	11.187	117	797643	19.552	ppbV		99
53) cyclohexane	11.333	56	1141215	19.892	ppbV		99
54) tert-amyl methyl ether	11.707	73	1770065	20.517	ppbV		99
55) dibromomethane	11.927	93	549106	19.897	ppbV		98
56) 1,2-dichloropropane	11.960	63	788908	19.503	ppbV		99
57) bromodichloromethane	12.180	83	920781	19.888	ppbV		100
58) 1,4-dioxane	12.227	88	413828	20.166	ppbV		92
59) trichloroethene	12.233	130	708495	19.224	ppbV		100
60) 2,2,4-trimethylpentane	12.280	57	3457985	19.642	ppbV		99
61) methyl methacrylate	12.467	41	941382	20.576	ppbV		99
62) heptane	12.587	43	1203646	20.149	ppbV		99
63) cis-1,3-dichloropropene	13.233	75	927979	19.969	ppbV		100
64) 4-methyl-2-pentanone	13.283	43	1477962	20.117	ppbV		100
65) trans-1,3-dichloropropene	13.850	75	712733	20.058	ppbV		98
66) 1,1,2-trichloroethane	14.050	97	717711	19.367	ppbV		99

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440900.D
Acq On : 11 Sep 2025 10:59 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD020
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:27 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	toluene	14.358	91	2167846	19.168	ppbV	100
70)	2-methylthiophene	14.425	97	1907319	15.469	ppbV	100
71)	1,3-dichloropropane	14.383	76	993178	20.465	ppbV	99
72)	2-hexanone	14.633	43	1388993	20.131	ppbV	99
73)	3-methylthiophene	14.608	97	1940597	15.510	ppbV	99
74)	dibromochloromethane	14.792	129	892955	19.799	ppbV	100
75)	1,2-dibromoethane	15.042	107	988631	19.608	ppbV	99
76)	butyl acetate	15.275	73	323159	20.562	ppbV	97
77)	octane	15.358	85	846815	20.110	ppbV	99
78)	tetrachloroethene	15.492	166	896243	19.429	ppbV	99
79)	1,1,1,2-tetrachloroethane	16.100	131	692317	19.838	ppbV	100
80)	chlorobenzene	16.117	112	1677592	19.422	ppbV	100
81)	ethylbenzene	16.458	91	2743353	18.928	ppbV	98
82)	2-ethylthiophene	16.492	97	2248592	15.571	ppbV	99
83)	m+p-xylene	16.617	91	4358117	37.474	ppbV	98
84)	bromoform	16.683	173	847661	19.584	ppbV	99
85)	styrene	16.942	104	1863919	19.864	ppbV	99
86)	1,1,2,2-tetrachloroethane	17.033	83	1389193	19.394	ppbV	99
87)	o-xylene	17.033	91	2128286	18.472	ppbV	96
88)	1,2,3-trichloropropane	17.142	75	1142177	20.610	ppbV	99
89)	nonane	17.225	43	1734091	20.767	ppbV	93
91)	isopropylbenzene	17.542	105	2938877	20.280	ppbV	99
92)	bromobenzene	17.625	77	1534390	20.280	ppbV	100
93)	2-chlorotoluene	17.950	126	776527	19.772	ppbV	92
94)	n-propylbenzene	17.983	120	928595	20.347	ppbV	88
95)	4-chlorotoluene	18.008	126	771088	20.208	ppbV	98
96)	4-ethyl toluene	18.100	105	2929592	20.035	ppbV	100
97)	1,3,5-trimethylbenzene	18.167	105	2539251	19.581	ppbV	99
98)	tert-butylbenzene	18.508	119	2438453	19.590	ppbV	99
99)	1,2,4-trimethylbenzene	18.508	105	2463107	17.558	ppbV	99
100)	decane	18.583	57	2232440	19.321	ppbV	92
101)	Benzyl Chloride	18.633	91	2052515	19.112	ppbV	98
102)	1,3-dichlorobenzene	18.650	146	1503629	19.057	ppbV	97
103)	1,4-dichlorobenzene	18.700	146	1468861	19.413	ppbV	99
104)	sec-butylbenzene	18.733	105	3595164	20.128	ppbV	100
105)	1,2,3-trimethylbenzene	18.875	105	2546860	19.583	ppbV	98
106)	p-isopropyltoluene	18.867	119	2883391	19.783	ppbV	99
107)	1,2-dichlorobenzene	19.000	146	1407964	19.290	ppbV	100
108)	n-butylbenzene	19.233	91	2450329	19.672	ppbV	99
109)	indan	19.050	117	2103608	20.674	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440900.D
Acq On : 11 Sep 2025 10:59 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD020
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:27 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

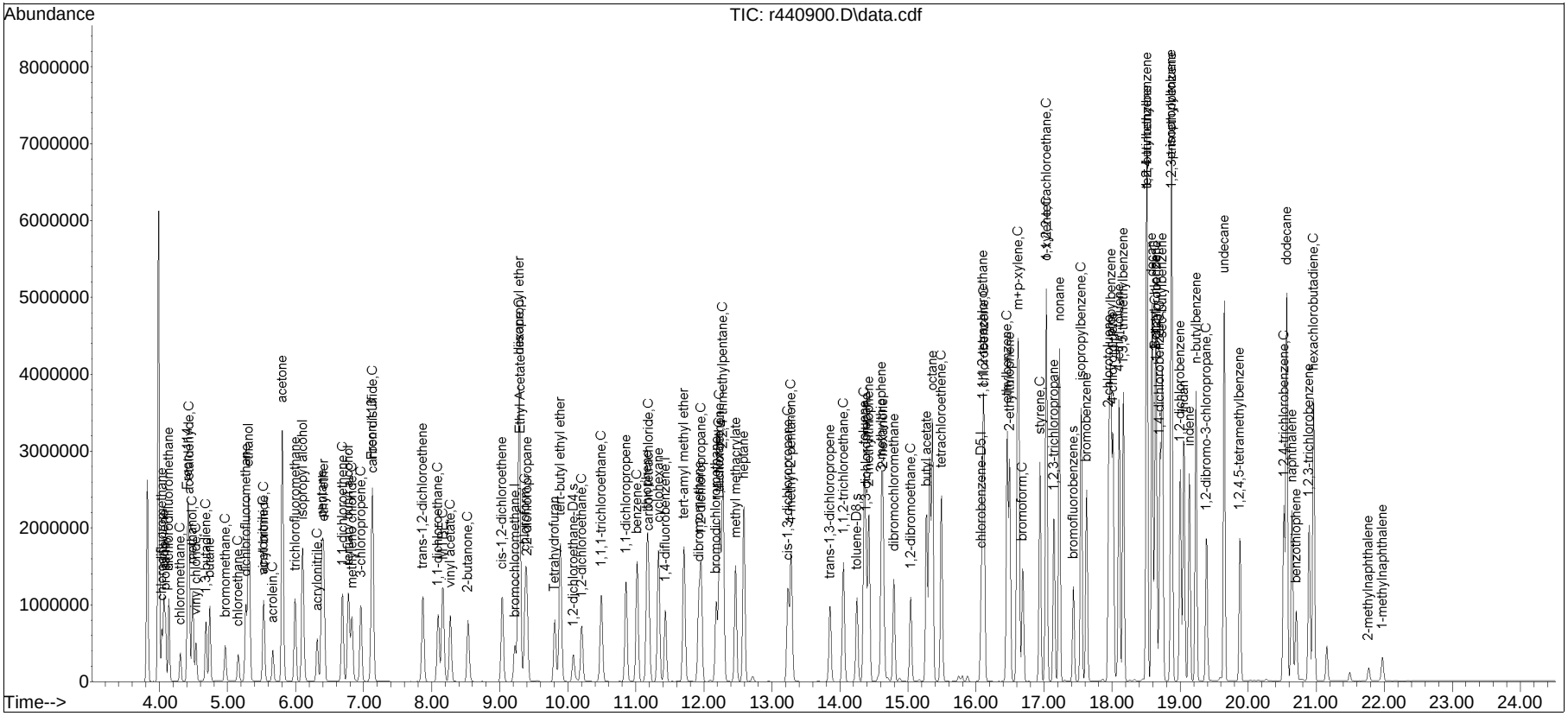
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.133	115	1697263	21.026	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.383	75	644144	20.432	ppbV	95
112) undecane	19.650	57	2086446	19.795	ppbV	92
113) 1,2,4,5-tetramethylben...	19.875	119	1242750	18.019	ppbV	99
114) dodecane	20.567	57	2159350	17.288	ppbV	90
115) 1,2,4-trichlorobenzene	20.525	180	974190	19.165	ppbV	99
116) naphthalene	20.642	128	2208198	19.313	ppbV	100
117) 1,2,3-trichlorobenzene	20.892	180	902080	19.263	ppbV	99
118) benzothiophene	20.708	134	858648	8.395	ppbV	100
119) hexachlorobutadiene	20.958	225	1113202	17.069	ppbV	95
120) 2-methylnaphthalene	21.767	142	119592	10.962	ppbV	98
121) 1-methylnaphthalene	21.975	142	221784	5.919	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed09\0911T_I\r440899.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440900.D
Acq On : 11 Sep 2025 10:59 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD020
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

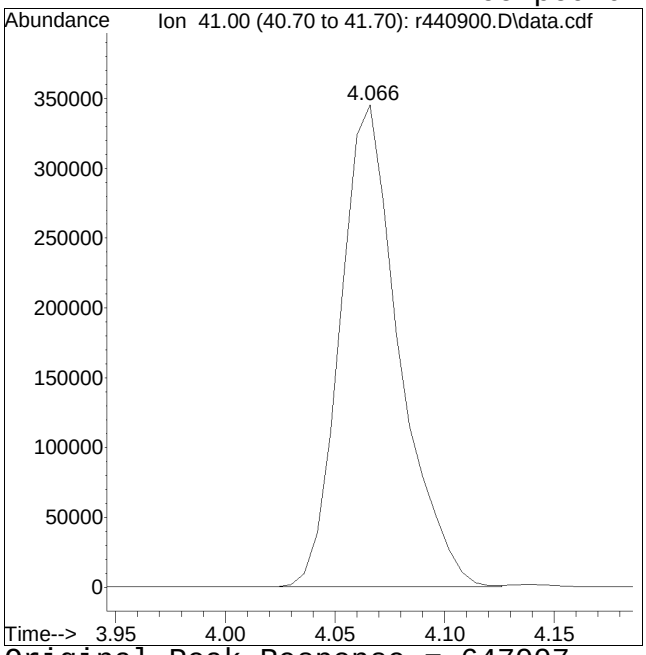
Quant Time: Sep 12 05:41:27 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration



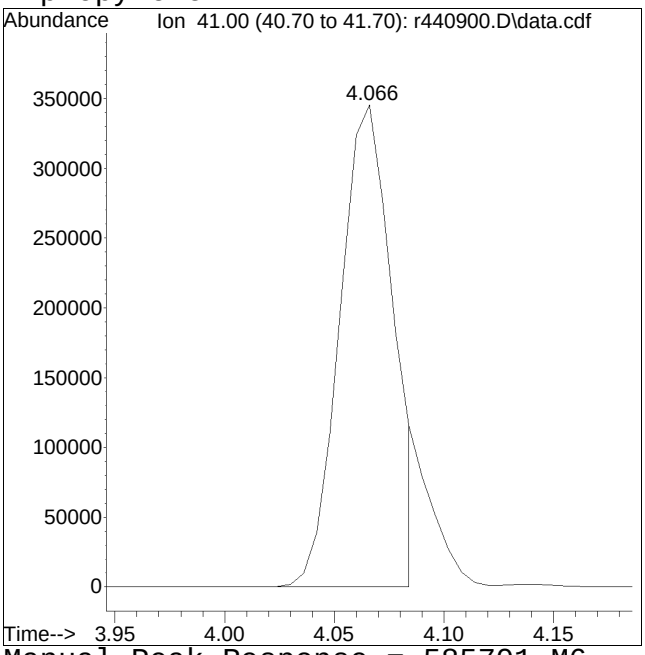
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r440900.D Operator : AIRPIANO4:RAY
Date Inj'd : 9/11/2025 10:59 PM Instrument :
Sample : ITO15-SIMSTD020 Quant Date : 9/12/2025 5:41 am

Compound #3: propylene



Original Peak Response = 647007



Manual Peak Response = 585701 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440901.D
Acq On : 11 Sep 2025 11:38 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD050
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:39 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.225	49	333185	10.000	ppbV	0.00
Standard Area = 322076			Recovery = 103.45%			
43) 1,4-difluorobenzene	11.440	114	974136	10.000	ppbV	0.00
Standard Area = 942213			Recovery = 103.39%			
67) chlorobenzene-D5	16.075	54	148694	10.000	ppbV	0.00
Standard Area = 154953			Recovery = 95.96%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.083	65	318290	10.294	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.94%			
69) toluene-D8	14.250	98	986675	11.222	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.22%			
90) bromofluorobenzene	17.433	95	661255	10.816	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.16%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.024	51	1335810	40.360	ppbV	98
3) propylene	4.054	41	1510520M6	50.922	ppbV	
4) propane	4.084	29	1148421	43.604	ppbV	94
5) dichlorodifluoromethane	4.132	85	2083045	41.762	ppbV	100
6) chloromethane	4.300	50	946557	45.705	ppbV	98
7) Freon-114	4.408	85	2184955	42.179	ppbV	99
8) methanol	4.486	31	2248474	221.451	ppbV	99
9) vinyl chloride	4.534	62	1231406	43.119	ppbV	99
10) 1,3-butadiene	4.678	54	865422	46.221	ppbV	96
11) butane	4.732	43	1994635	49.067	ppbV	98
12) acetaldehyde	4.432	29	1940656	202.338	ppbV #	82
13) bromomethane	4.966	94	836714	45.866	ppbV	99
14) chloroethane	5.158	64	658878	46.052	ppbV	100
15) ethanol	5.314	31	2787019	161.246	ppbV #	78
16) dichlorofluoromethane	5.266	67	2329539	42.556	ppbV	99
17) vinyl bromide	5.533	106	1052252	47.190	ppbV	99
18) acrolein	5.663	56	752268	47.313	ppbV	99
19) acetone	5.807	43	9228743	225.425	ppbV	98
20) acetonitrile	5.530	41	1593465	49.484	ppbV	100
21) trichlorofluoromethane	5.993	101	2342557	44.462	ppbV	99
22) isopropyl alcohol	6.103	45	5960967	118.767	ppbV	100
23) acrylonitrile	6.320	53	1203461	48.321	ppbV	100
24) pentane	6.387	43	3553826	45.021	ppbV	98

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440901.D
Acq On : 11 Sep 2025 11:38 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD050
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:39 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.413	31	2833998	52.379	ppbV		98
26) 1,1-dichloroethene	6.690	61	2180182	45.034	ppbV		98
27) tertiary butyl alcohol	6.768	59	3564558	49.346	ppbV		100
28) methylene chloride	6.834	49	1348645	45.775	ppbV		100
29) 3-chloropropene	6.960	41	2275752	48.421	ppbV		98
30) carbon disulfide	7.134	76	3442782	47.081	ppbV		98
31) Freon 113	7.128	101	2313023	43.799	ppbV		98
32) trans-1,2-dichloroethene	7.875	61	2140142	45.789	ppbV		97
33) 1,1-dichloroethane	8.100	63	2842173	45.602	ppbV		99
34) MTBE	8.158	73	3627208	48.147	ppbV		97
35) vinyl acetate	8.275	43	3980099	46.903	ppbV		100
36) 2-butanone	8.533	43	3271488	48.575	ppbV		99
37) cis-1,2-dichloroethene	9.042	61	2109562	45.179	ppbV		99
38) Ethyl Acetate	9.300	61	549603	44.780	ppbV		72
39) chloroform	9.383	83	2090572	45.103	ppbV		99
40) Tetrahydrofuran	9.808	42	1717969	48.988	ppbV		98
41) 2,2-dichloropropane	9.400	77	1935706	48.000	ppbV		96
42) 1,2-dichloroethane	10.208	62	1834426	45.631	ppbV		99
44) hexane	9.283	57	2304919	41.784	ppbV	#	72
45) diisopropyl ether	9.283	87	1230252	45.111	ppbV		99
46) tert-butyl ethyl ether	9.892	59	5025281	44.972	ppbV		98
48) 1,1,1-trichloroethane	10.500	97	2405567	44.673	ppbV		100
49) 1,1-dichloropropene	10.860	75	1927070	49.256	ppbV		97
50) benzene	11.020	78	4275730	46.581	ppbV		98
51) thiophene	11.173	84	3063856	36.731	ppbV		96
52) carbon tetrachloride	11.193	117	1866377	44.972	ppbV		99
53) cyclohexane	11.333	56	2655588	45.502	ppbV		96
54) tert-amyl methyl ether	11.707	73	4303523	49.034	ppbV		97
55) dibromomethane	11.927	93	1258941	44.843	ppbV		95
56) 1,2-dichloropropane	11.960	63	1869554	45.433	ppbV		99
57) bromodichloromethane	12.187	83	2174464	46.169	ppbV		100
58) 1,4-dioxane	12.227	88	975306	46.719	ppbV		88
59) trichloroethene	12.233	130	1672655	44.613	ppbV		98
60) 2,2,4-trimethylpentane	12.280	57	7786903	43.478	ppbV		96
61) methyl methacrylate	12.467	41	2339839	50.273	ppbV		99
62) heptane	12.593	43	2960332	48.714	ppbV		94
63) cis-1,3-dichloropropene	13.242	75	2274955	48.122	ppbV		99
64) 4-methyl-2-pentanone	13.283	43	3645679	48.779	ppbV		95
65) trans-1,3-dichloropropene	13.858	75	1767960	48.910	ppbV		98
66) 1,1,2-trichloroethane	14.058	97	1693274	44.916	ppbV		97

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440901.D
Acq On : 11 Sep 2025 11:38 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD050
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:39 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	toluene	14.358	91	4908059	45.866	ppbV	99
70)	2-methylthiophene	14.425	97	4433243	38.000	ppbV	100
71)	1,3-dichloropropane	14.383	76	2445926	53.269	ppbV	96
72)	2-hexanone	14.633	43	3393645	51.984	ppbV	93
73)	3-methylthiophene	14.617	97	4399210	37.162	ppbV	99
74)	dibromochloromethane	14.800	129	2034801	47.685	ppbV	99
75)	1,2-dibromoethane	15.042	107	2361316	49.498	ppbV	98
76)	butyl acetate	15.267	73	840565	56.528	ppbV	83
77)	octane	15.358	85	1954445	49.056	ppbV	92
78)	tetrachloroethene	15.492	166	2048750	46.940	ppbV	97
79)	1,1,1,2-tetrachloroethane	16.100	131	1582691	47.932	ppbV	99
80)	chlorobenzene	16.117	112	3941200	48.225	ppbV	100
81)	ethylbenzene	16.458	91	6171220	45.003	ppbV	93
82)	2-ethylthiophene	16.500	97	5042906	36.908	ppbV	95
83)	m+p-xylene	16.625	91	9581714	87.079	ppbV	95
84)	bromoform	16.692	173	1966464	48.017	ppbV	98
85)	styrene	16.942	104	4414820	49.728	ppbV	99
86)	1,1,2,2-tetrachloroethane	17.033	83	3267663	48.215	ppbV	99
87)	o-xylene	17.033	91	4622286	42.401	ppbV	92
88)	1,2,3-trichloropropane	17.150	75	2806587	53.526	ppbV	98
89)	nonane	17.225	43	4179512	52.902	ppbV	85
91)	isopropylbenzene	17.550	105	6683084	48.741	ppbV	97
92)	bromobenzene	17.625	77	3678156	51.380	ppbV	100
93)	2-chlorotoluene	17.950	126	1813542	48.805	ppbV	82
94)	n-propylbenzene	17.983	120	2199040	50.928	ppbV	74
95)	4-chlorotoluene	18.017	126	1831162	50.722	ppbV	82
96)	4-ethyl toluene	18.100	105	6667600	48.194	ppbV	97
97)	1,3,5-trimethylbenzene	18.167	105	5744148	46.817	ppbV	96
98)	tert-butylbenzene	18.508	119	5211374	44.250	ppbV	96
99)	1,2,4-trimethylbenzene	18.517	105	5121659	38.587	ppbV	94
100)	decane	18.592	57	4849040	44.356	ppbV	84
101)	Benzyl Chloride	18.633	91	4660706	45.867	ppbV	94
102)	1,3-dichlorobenzene	18.650	146	3433380	45.991	ppbV	98
103)	1,4-dichlorobenzene	18.708	146	3437441	48.015	ppbV	96
104)	sec-butylbenzene	18.742	105	8056526	47.672	ppbV	97
105)	1,2,3-trimethylbenzene	18.875	105	5275010	42.869	ppbV	90
106)	p-isopropyltoluene	18.875	119	6149606	44.593	ppbV	95
107)	1,2-dichlorobenzene	19.000	146	3284878	47.567	ppbV	99
108)	n-butylbenzene	19.233	91	5667677	48.092	ppbV	94
109)	indan	19.058	117	4968394	51.607	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440901.D
Acq On : 11 Sep 2025 11:38 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD050
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:39 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

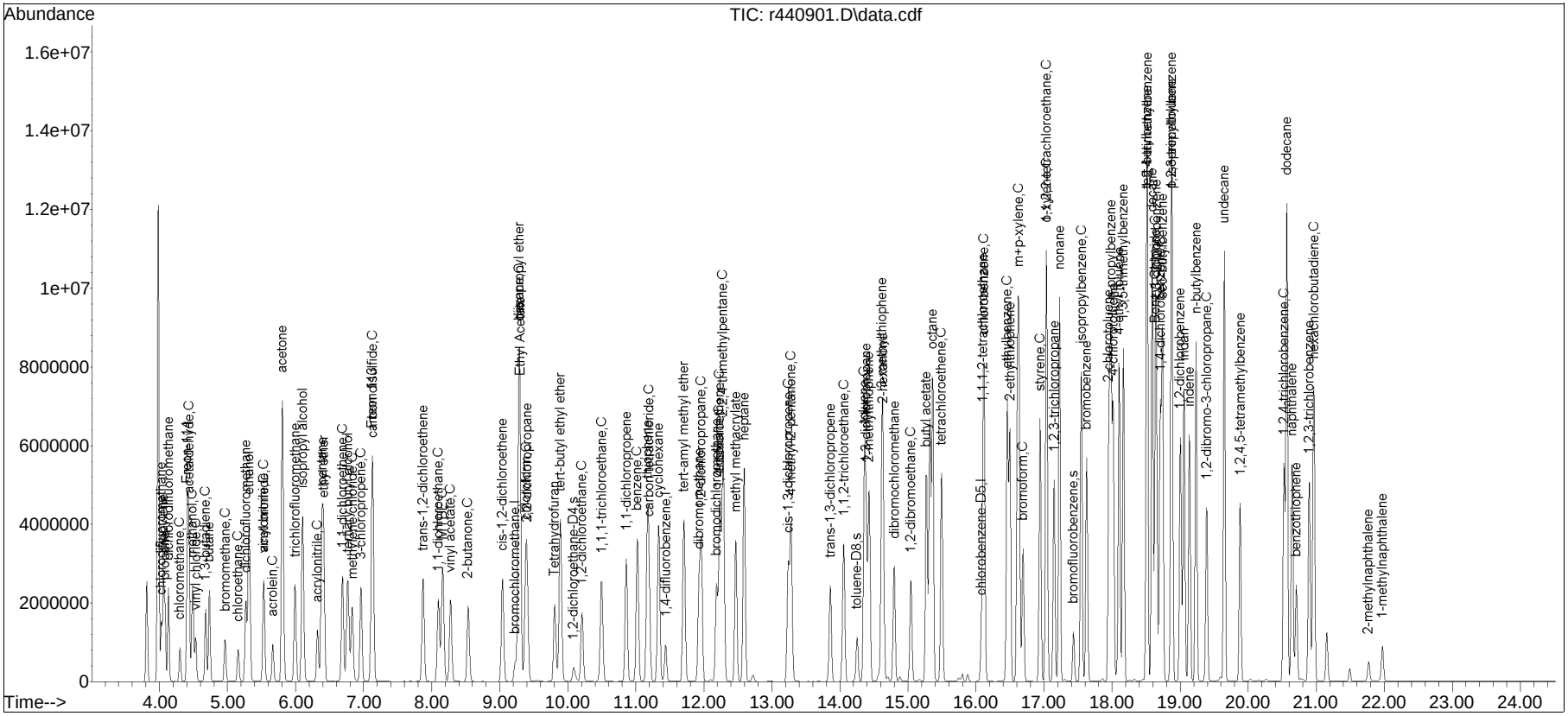
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	19.133	115	4099249	53.673	ppbV		100
111) 1,2-dibromo-3-chloropr...	19.392	75	1563385	52.413	ppbV		96
112) undecane	19.650	57	4442786	44.551	ppbV	#	87
113) 1,2,4,5-tetramethylben...	19.883	119	3380215	51.800	ppbV		98
114) dodecane	20.567	57	4975428	42.101	ppbV		84
115) 1,2,4-trichlorobenzene	20.525	180	2483665	51.641	ppbV		97
116) naphthalene	20.642	128	5733691	53.002	ppbV		98
117) 1,2,3-trichlorobenzene	20.900	180	2356141	53.177	ppbV		98
118) benzothiophene	20.708	134	2253885	23.291	ppbV		99
119) hexachlorobutadiene	20.967	225	2421842	39.249	ppbV		93
120) 2-methylnaphthalene	21.767	142	350841	33.988	ppbV		99
121) 1-methylnaphthalene	21.975	142	638730	18.017	ppbV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed09\0911T_I\r440899.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440901.D
Acq On : 11 Sep 2025 11:38 PM
Operator : AIRPIANO4:RAY
Sample : ITO15-SIMSTD050
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

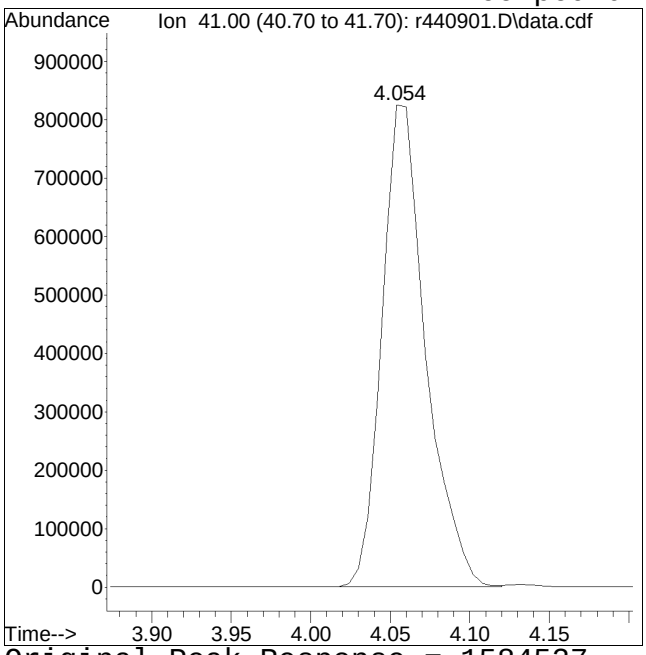
Quant Time: Sep 12 05:41:39 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration



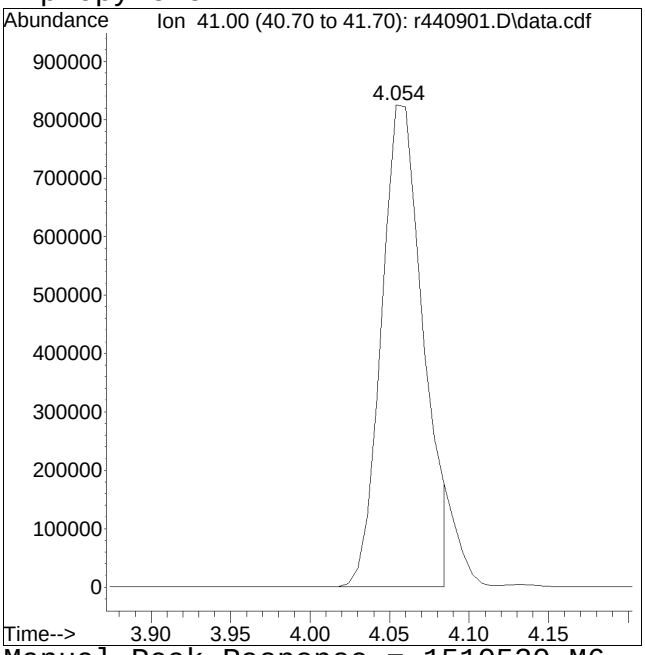
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r440901.D Operator : AIRPIANO4:RAY
Date Inj'd : 9/11/2025 11:38 PM Instrument :
Sample : ITO15-SIMSTD050 Quant Date : 9/12/2025 5:41 am

Compound #3: propylene



Original Peak Response = 1584527



Manual Peak Response = 1510520 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440902.D
Acq On : 12 Sep 2025 12:19 AM
Operator : AIRPIANO4:RAY
Sample : ITO15-LLSTD100
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:51 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	9.233	49	312605	10.000	ppbV		0.00
Standard Area = 322076			Recovery = 97.06%				
43) 1,4-difluorobenzene	11.447	114	993761	10.000	ppbV		0.01
Standard Area = 942213			Recovery = 105.47%				
67) chlorobenzene-D5	16.083	54	134233	10.000	ppbV	#	0.00
Standard Area = 154953			Recovery = 86.63%				
System Monitoring Compounds							
47) 1,2-dichloroethane-D4	10.092	65	275439	8.732	ppbV		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 87.32%				
69) toluene-D8	14.258	98	924426	11.647	ppbV		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 116.47%				
90) bromofluorobenzene	17.433	95	624174	11.309	ppbV		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.09%				
Target Compounds							Qvalue
2) chlorodifluoromethane	4.030	51	2266838	72.999	ppbV		98
3) propylene	4.060	41	2897825M6	104.122	ppbV		
4) propane	4.084	29	2051744	83.030	ppbV	#	82
5) dichlorodifluoromethane	4.138	85	3525475	75.334	ppbV		100
6) chloromethane	4.306	50	1855407	95.488	ppbV		96
7) Freon-114	4.414	85	3727049	76.685	ppbV		98
8) methanol	4.498	31	3962025	415.906	ppbV		97
9) vinyl chloride	4.540	62	2116322	78.984	ppbV		99
10) 1,3-butadiene	4.684	54	1542772	87.822	ppbV		95
11) butane	4.738	43	3830028	100.420	ppbV		95
12) acetaldehyde	4.438	29	3202278	355.859	ppbV	#	68
13) bromomethane	4.972	94	1471700	85.984	ppbV		98
14) chloroethane	5.164	64	1156524	86.156	ppbV		99
15) ethanol	5.332	31	5909874	364.431	ppbV	#	77
16) dichlorofluoromethane	5.278	67	4239369	82.543	ppbV		98
17) vinyl bromide	5.540	106	1980827	94.681	ppbV		99
18) acrolein	5.670	56	1297536	86.979	ppbV		99
19) acetone	5.813	43	16362492	425.989	ppbV		97
20) acetonitrile	5.540	41	3279144	108.537	ppbV		99
21) trichlorofluoromethane	5.997	101	3654474	73.929	ppbV		99
22) isopropyl alcohol	6.120	45	11522955	244.698	ppbV		98
23) acrylonitrile	6.333	53	2416692	103.421	ppbV		99
24) pentane	6.393	43	7577868	102.318	ppbV		94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440902.D
Acq On : 12 Sep 2025 12:19 AM
Operator : AIRPIANO4:RAY
Sample : ITO15-LLSTD100
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:51 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.417	31	4812918	94.811	ppbV	#	93
26) 1,1-dichloroethene	6.696	61	3566235	78.514	ppbV		92
27) tertiary butyl alcohol	6.774	59	5685314	83.886	ppbV	#	93
28) methylene chloride	6.840	49	2446832	88.516	ppbV		95
29) 3-chloropropene	6.966	41	4657081	105.611	ppbV		93
30) carbon disulfide	7.140	76	6983764	101.793	ppbV	#	94
31) Freon 113	7.134	101	3924977	79.215	ppbV		96
32) trans-1,2-dichloroethene	7.883	61	3616673	82.473	ppbV		92
33) 1,1-dichloroethane	8.108	63	5010724	85.689	ppbV		96
34) MTBE	8.167	73	7162315	101.330	ppbV		91
35) vinyl acetate	8.283	43	7978203	100.208	ppbV		98
36) 2-butanone	8.542	43	6685926	105.809	ppbV	#	96
37) cis-1,2-dichloroethene	9.050	61	3533723	80.661	ppbV		93
38) Ethyl Acetate	9.317	61	931440	80.888	ppbV	#	89
39) chloroform	9.392	83	3617330	83.180	ppbV		97
40) Tetrahydrofuran	9.817	42	3607539	109.641	ppbV		97
41) 2,2-dichloropropane	9.408	77	3401090	89.889	ppbV		93
42) 1,2-dichloroethane	10.217	62	2847900	75.504	ppbV	#	93
44) hexane	9.292	57	3735359	66.378	ppbV	#	67
45) diisopropyl ether	9.292	87	2211366	79.486	ppbV		96
46) tert-butyl ethyl ether	9.900	59	8071297	70.805	ppbV		93
48) 1,1,1-trichloroethane	10.500	97	3821114	69.559	ppbV	#	95
49) 1,1-dichloropropene	10.867	75	3816585	95.626	ppbV		92
50) benzene	11.027	78	8378874	89.480	ppbV		94
51) thiophene	11.180	84	5593892	65.739	ppbV		89
52) carbon tetrachloride	11.200	117	3059477	72.266	ppbV		99
53) cyclohexane	11.340	56	4503114	75.635	ppbV	#	86
54) tert-amyl methyl ether	11.713	73	8543145	95.417	ppbV		94
55) dibromomethane	11.933	93	2144233	74.869	ppbV		93
56) 1,2-dichloropropane	11.967	63	3260120	77.662	ppbV		98
57) bromodichloromethane	12.193	83	3819231	79.489	ppbV		99
58) 1,4-dioxane	12.227	88	1801942	84.613	ppbV	#	79
59) trichloroethene	12.240	130	2992141	78.231	ppbV		96
60) 2,2,4-trimethylpentane	12.287	57	12844162	70.299	ppbV	#	93
61) methyl methacrylate	12.473	41	4574006	96.335	ppbV		96
62) heptane	12.600	43	5730483	92.437	ppbV		88
63) cis-1,3-dichloropropene	13.242	75	4539582	94.129	ppbV		93
64) 4-methyl-2-pentanone	13.283	43	7133119	93.556	ppbV		90
65) trans-1,3-dichloropropene	13.867	75	3508315	95.139	ppbV		93
66) 1,1,2-trichloroethane	14.058	97	3036945	78.967	ppbV		89

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440902.D
Acq On : 12 Sep 2025 12:19 AM
Operator : AIRPIANO4:RAY
Sample : ITO15-LLSTD100
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:51 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68)	toluene	14.367	91	8683050	89.885	ppbV		99
70)	2-methylthiophene	14.433	97	7785943	73.929	ppbV		99
71)	1,3-dichloropropane	14.392	76	4715262	113.756	ppbV		92
72)	2-hexanone	14.642	43	6159818	104.521	ppbV		89
73)	3-methylthiophene	14.617	97	7565725	70.796	ppbV		99
74)	dibromochloromethane	14.800	129	3482887	90.414	ppbV		98
75)	1,2-dibromoethane	15.050	107	4222957	98.058	ppbV		99
76)	butyl acetate	15.275	73	1709446	127.345	ppbV	#	71
77)	octane	15.367	85	3556502	98.883	ppbV		92
78)	tetrachloroethene	15.500	166	3472923	88.142	ppbV		94
79)	1,1,1,2-tetrachloroethane	16.108	131	2607260	87.467	ppbV		96
80)	chlorobenzene	16.125	112	6705336	90.887	ppbV		99
81)	ethylbenzene	16.467	91	10722082	86.613	ppbV		92
82)	2-ethylthiophene	16.500	97	8565497	69.443	ppbV		90
83)	m+p-xylene	16.625	91	15785415	158.914	ppbV		94
84)	bromoform	16.692	173	3270863	88.472	ppbV		97
85)	styrene	16.942	104	7821796	97.595	ppbV		99
86)	1,1,2,2-tetrachloroethane	17.033	83	5532472	90.427	ppbV		98
87)	o-xylene	17.042	91	7357281	74.760	ppbV		92
88)	1,2,3-trichloropropane	17.150	75	5308272	112.142	ppbV	#	95
89)	nonane	17.233	43	7384529	103.540	ppbV		82
91)	isopropylbenzene	17.550	105	11119421	89.832	ppbV		92
92)	bromobenzene	17.633	77	6614845	102.357	ppbV		100
93)	2-chlorotoluene	17.958	126	3226950	96.198	ppbV		83
94)	n-propylbenzene	17.983	120	3863875	99.124	ppbV	#	64
95)	4-chlorotoluene	18.017	126	3385088	103.865	ppbV		74
96)	4-ethyl toluene	18.108	105	11527971	92.302	ppbV		94
97)	1,3,5-trimethylbenzene	18.167	105	9233524	83.364	ppbV		90
98)	tert-butylbenzene	18.517	119	8024498	75.476	ppbV		92
99)	1,2,4-trimethylbenzene	18.517	105	7766240	64.816	ppbV		94
100)	decane	18.592	57	7968669	80.744	ppbV	#	84
101)	Benzyl Chloride	18.642	91	7734181	84.314	ppbV	#	90
102)	1,3-dichlorobenzene	18.658	146	5917367	87.805	ppbV		99
103)	1,4-dichlorobenzene	18.708	146	5792100	89.622	ppbV		98
104)	sec-butylbenzene	18.742	105	12913013	84.640	ppbV	#	90
105)	1,2,3-trimethylbenzene	18.883	105	8063525	72.590	ppbV		89
106)	p-isopropyltoluene	18.875	119	9378719	75.336	ppbV		90
107)	1,2-dichlorobenzene	19.008	146	5904996	94.719	ppbV		98
108)	n-butylbenzene	19.242	91	9946464	93.491	ppbV		92
109)	indan	19.058	117	8688961	99.976	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440902.D
Acq On : 12 Sep 2025 12:19 AM
Operator : AIRPIANO4:RAY
Sample : ITO15-LLSTD100
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 05:41:51 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default - All compounds listed

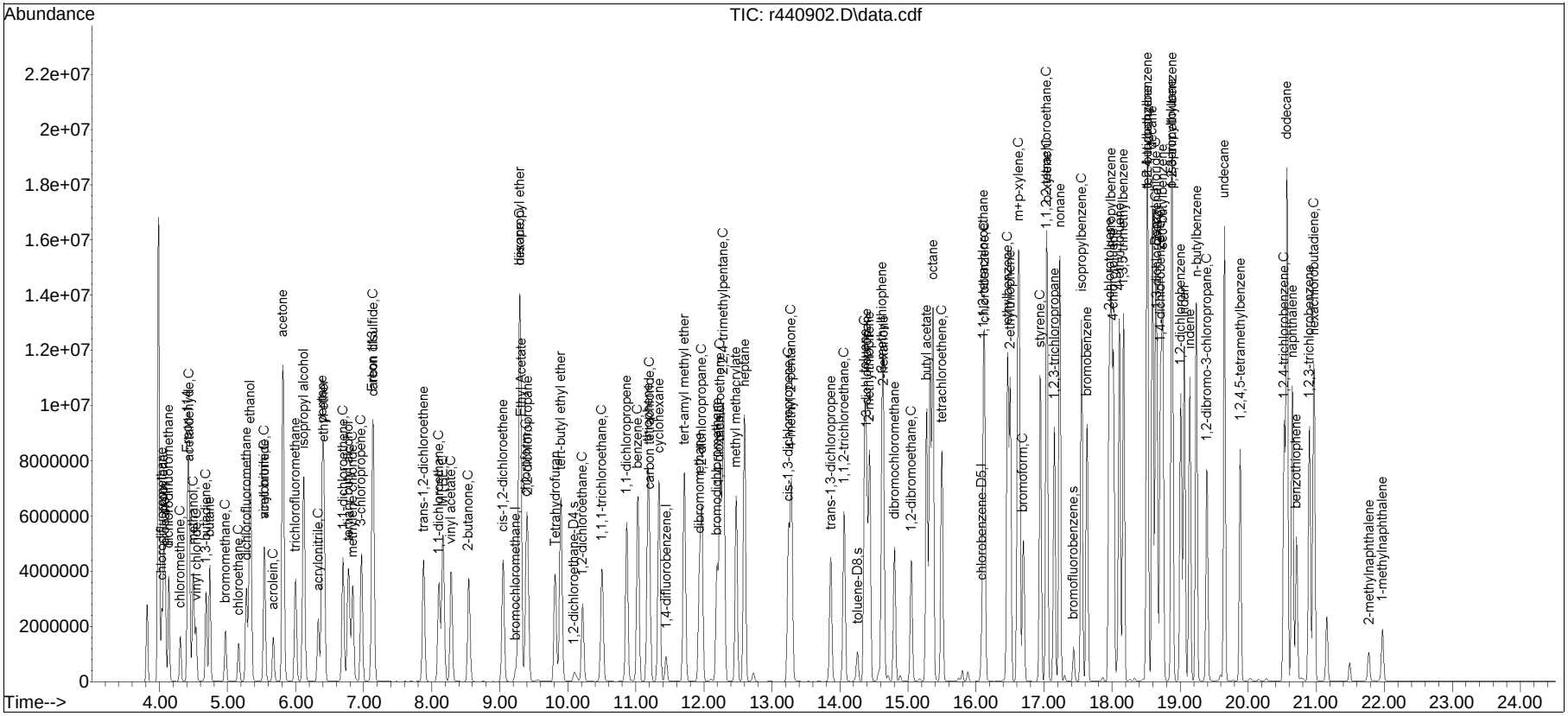
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.142	115	7417588	107.585	ppbV	100
111) 1,2-dibromo-3-chloropr...	19.392	75	2771136	102.911	ppbV	89
112) undecane	19.650	57	6906580	76.718	ppbV #	88
113) 1,2,4,5-tetramethylben...	19.883	119	5773802	98.012	ppbV	96
114) dodecane	20.567	57	8121993	76.131	ppbV	84
115) 1,2,4-trichlorobenzene	20.525	180	4641921	106.913	ppbV	94
116) naphthalene	20.650	128	11382216	116.551	ppbV	96
117) 1,2,3-trichlorobenzene	20.900	180	4569537	114.243	ppbV	94
118) benzothiophene	20.708	134	4912507	56.232	ppbV	98
119) hexachlorobutadiene	20.967	225	3831584	68.786	ppbV #	89
120) 2-methylnaphthalene	21.775	142	748067	80.276	ppbV	99
121) 1-methylnaphthalene	21.975	142	1328509	41.510	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed09\0911T_I\r440899.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440902.D
Acq On : 12 Sep 2025 12:19 AM
Operator : AIRPIANO4:RAY
Sample : ITO15-LLSTD100
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

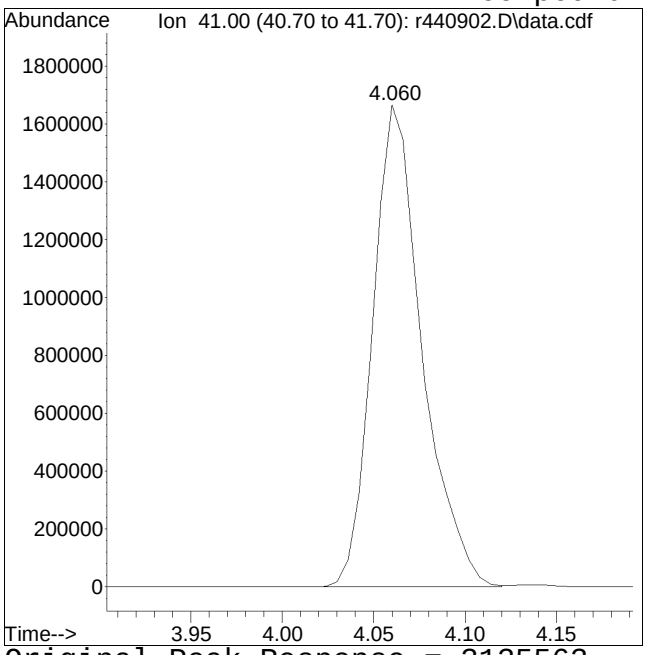
Quant Time: Sep 12 05:41:51 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 05:40:17 2025
Response via : Initial Calibration



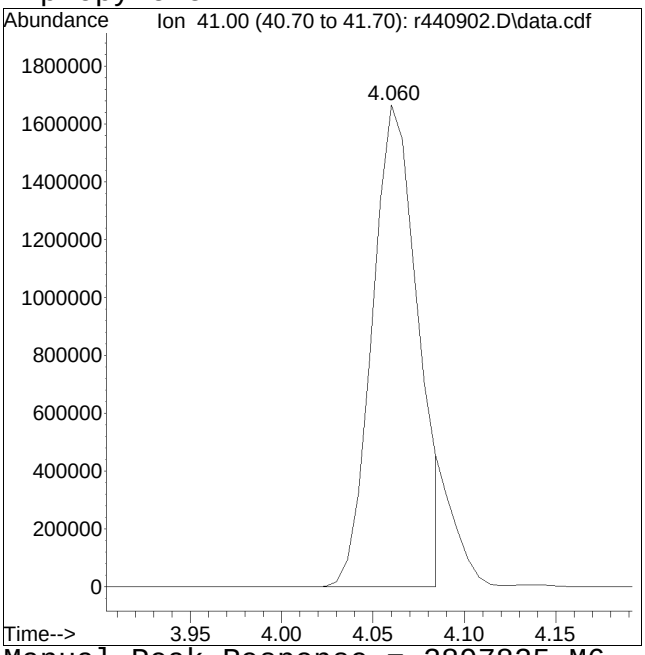
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r440902.D Operator : AIRPIANO4:RAY
Date Inj'd : 9/12/2025 12:19 AM Instrument :
Sample : ITO15-LLSTD100 Quant Date : 9/12/2025 5:41 am

Compound #3: propylene



Original Peak Response = 3135563



Manual Peak Response = 2897825 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440908.D
Acq On : 12 Sep 2025 2:18 PM
Operator : AIRPIANO4:RAY
Sample : CTO15-LLSTD010
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 15:06:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	94	0.00
2		chlorodifluoromethane	0.935	0.935	0.0	88	0.00
3		propylene	0.916	1.043	-13.9	110	-0.01
4		propane	0.774	0.737	4.8	88	-0.01
5		dichlorodifluoromethane	1.408	1.464	-4.0	92	-0.01
6	C	chloromethane	0.606	0.642	-5.9	97	-0.01
7		Freon-114	1.468	1.755	-19.6	106	-0.01
8	C	methanol	0.295	0.246	16.6	76	0.00
9	C	vinyl chloride	0.806	0.840	-4.2	92	-0.01
10	C	1,3-butadiene	0.554	0.563	-1.6	94	-0.01
11		butane	1.234	1.288	-4.4	99	-0.01
13	C	bromomethane	0.536	0.604	-12.7	104	-0.01
14	C	chloroethane	0.416	0.440	-5.8	96	-0.01
15		ethanol	0.490	0.523	-6.7	95	0.00
16		dichlorofluoromethane	1.562	1.736	-11.1	99	-0.01
17	C	vinyl bromide	0.658	0.759	-15.3	107	-0.01
18	C	acrolein	0.474	0.376	20.7	74	-0.01
19		acetone	1.224	1.335	-9.1	102	0.00
20	C	acetonitrile	0.988	1.004	-1.6	98	0.00
21		trichlorofluoromethane	1.498	1.586	-5.9	94	-0.01
22		isopropyl alcohol	1.565	1.734	-10.8	108	-0.01
23	C	acrylonitrile	0.759	0.649	14.5	82	0.00
24		pentane	2.132	2.285	-7.2	91	-0.01
25		ethyl ether	1.518	1.553	-2.3	90	0.00
26	C	1,1-dichloroethene	1.382	1.495	-8.2	97	-0.01
27		tertiary butyl alcohol	2.160	1.882	12.9	82	-0.01
28	C	methylene chloride	0.853	0.917	-7.5	97	-0.01
29	C	3-chloropropene	1.415	1.667	-17.8	111	-0.01
30	C	carbon disulfide	2.184	2.518	-15.3	108	-0.01
31		Freon 113	1.503	1.704	-13.4	101	-0.01
32		trans-1,2-dichloroethene	1.356	1.404	-3.5	94	-0.02
33	C	1,1-dichloroethane	1.785	1.949	-9.2	98	0.00
34	C	MTBE	2.283	2.623	-14.9	109	0.00
35	C	vinyl acetate	2.500	1.947	22.1	72	0.00
36	C	2-butanone	2.034	2.114	-3.9	98	0.00
37		cis-1,2-dichloroethene	1.341	1.420	-5.9	95	0.00
38		Ethyl Acetate	0.355	0.380	-7.0	97	0.00
39	C	chloroform	1.345	1.434	-6.6	97	0.00
40		Tetrahydrofuran	1.068	1.366	-27.9	122	-0.02

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440908.D
Acq On : 12 Sep 2025 2:18 PM
Operator : AIRPIANO4:RAY
Sample : CTO15-LLSTD010
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 15:06:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	1.200	1.204	-0.3	93	0.00
42	C	1,2-dichloroethane	1.142	1.155	-1.1	90	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	99	0.00
44	C	hexane	0.554	0.528	4.7	93	0.00
45		diisopropyl ether	0.289	0.250	13.5	89	0.00
46		tert-butyl ethyl ether	1.091	0.978	10.4	85	0.00
47	s	1,2-dichloroethane-D4	0.316	0.305	3.5	96	0.00
48	C	1,1,1-trichloroethane	0.497	0.465	6.4	84	0.00
49		1,1-dichloropropene	0.400	0.424	-6.0	105	-0.01
50	C	benzene	0.909	0.971	-6.8	102	0.00
52	C	carbon tetrachloride	0.400	0.420	-5.0	98	-0.01
53		cyclohexane	0.577	0.552	4.3	91	0.00
54		tert-amyl methyl ether	0.898	0.931	-3.7	103	0.00
55		dibromomethane	0.282	0.249	11.7	86	0.00
56	C	1,2-dichloropropane	0.399	0.423	-6.0	99	0.00
57		bromodichloromethane	0.465	0.476	-2.4	98	0.00
58	C	1,4-dioxane	0.207	0.209	-1.0	97	-0.01
59	C	trichloroethene	0.364	0.371	-1.9	96	0.00
60	C	2,2,4-trimethylpentane	1.751	1.733	1.0	94	0.00
61		methyl methacrylate	0.468	0.468	0.0	97	0.00
62		heptane	0.613	0.707	-15.3	112	0.00
63	C	cis-1,3-dichloropropene	0.470	0.566	-20.4	116	0.00
64	C	4-methyl-2-pentanone	0.741	0.820	-10.7	106	0.00
65		trans-1,3-dichloropropene	0.361	0.462	-28.0	124	0.00
66	C	1,1,2-trichloroethane	0.365	0.380	-4.1	97	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	85	0.00
68	C	toluene	6.950	7.956	-14.5	94	0.00
69	s	toluene-D8	6.240	6.838	-9.6	98	0.00
71		1,3-dichloropropane	3.154	3.521	-11.6	97	0.00
72		2-hexanone	4.250	5.215	-22.7	101	0.00
74		dibromochloromethane	2.796	3.307	-18.3	98	0.00
75	C	1,2-dibromoethane	3.124	4.048	-29.6	107	0.00
76		butyl acetate	1.064	1.152	-8.3	98	0.00
77		octane	2.706	2.793	-3.2	89	0.00
78	C	tetrachloroethene	2.818	3.386	-20.2	98	0.00
79		1,1,1,2-tetrachloroethane	2.176	2.277	-4.6	87	0.00
80	C	chlorobenzene	5.291	6.655	-25.8	103	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440908.D
Acq On : 12 Sep 2025 2:18 PM
Operator : AIRPIANO4:RAY
Sample : CTO15-LLSTD010
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 15:06:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	C	ethylbenzene	8.793	9.959	-13.3	92	0.00
83	C	m+p-xylene	7.031	8.165	-16.1	94	0.00
84	C	bromoform	2.648	3.247	-22.6	100	0.00
85	C	styrene	5.702	7.222	-26.7	103	0.00
86	C	1,1,2,2-tetrachloroethane	4.451	5.163	-16.0	96	0.00
87	C	o-xylene	6.901	8.060	-16.8	93	0.00
88		1,2,3-trichloropropane	3.555	3.917	-10.2	94	0.00
89		nonane	5.352	6.180	-15.5	99	0.00
90	s	bromofluorobenzene	4.248	4.509	-6.1	93	0.00
91	C	isopropylbenzene	8.985	10.313	-14.8	95	0.00
92		bromobenzene	4.820	5.147	-6.8	91	0.00
93		2-chlorotoluene	2.437	2.440	-0.1	83	0.00
94		n-propylbenzene	2.883	2.963	-2.8	87	0.00
95		4-chlorotoluene	2.434	2.401	1.4	84	0.00
96		4-ethyl toluene	8.928	10.999	-23.2	100	0.00
97		1,3,5-trimethylbenzene	7.726	9.761	-26.3	100	0.00
98		tert-butylbenzene	7.761	8.476	-9.2	91	0.00
99		1,2,4-trimethylbenzene	7.782	9.579	-23.1	91	0.00
100		decane	7.227	6.946	3.9	80	0.00
101	C	Benzyl Chloride	6.425	5.629	12.4	70	0.00
102		1,3-dichlorobenzene	4.646	5.525	-18.9	93	0.00
103	C	1,4-dichlorobenzene	4.472	5.032	-12.5	89	0.00
104		sec-butylbenzene	11.012	12.045	-9.4	90	0.00
106		p-isopropyltoluene	8.841	9.464	-7.0	87	0.00
107		1,2-dichlorobenzene	4.345	4.823	-11.0	88	0.00
108		n-butylbenzene	7.824	7.458	4.7	80	0.00
111	C	1,2-dibromo-3-chloropropane	1.967	1.723	12.4	73	0.00
112		undecane	6.949	6.431	7.5	81	0.00
114		dodecane	7.556	6.890	8.8	74	0.05
115	C	1,2,4-trichlorobenzene	2.986	2.815	5.7	74	0.04
116		naphthalene	6.976	5.207	25.4	61	0.05
117		1,2,3-trichlorobenzene	2.865	2.251	21.4	64	0.04
119	C	hexachlorobutadiene	3.706	3.977	-7.3	81	0.04

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440908.D
Acq On : 12 Sep 2025 2:18 PM
Operator : AIRPIANO4:RAY
Sample : CTO15-LLSTD010
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 15:06:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.217	49	302705	10.000	ppbV	0.00
Standard Area = 322076			Recovery = 93.99%			
43) 1,4-difluorobenzene	11.427	114	935414	10.000	ppbV	0.00
Standard Area = 942213			Recovery = 99.28%			
67) chlorobenzene-D5	16.075	54	131631	10.000	ppbV	0.00
Standard Area = 154953			Recovery = 84.95%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.075	65	285766	9.677	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.77%			
69) toluene-D8	14.242	98	900044	10.958	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.58%			
90) bromofluorobenzene	17.425	95	593535	10.614	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.14%			
Target Compounds						Qvalue
2) chlorodifluoromethane	4.024	51	283078	9.999	ppbV	99
3) propylene	4.054	41	315602M6	11.386	ppbV	
4) propane	4.078	29	222992	9.513	ppbV #	90
5) dichlorodifluoromethane	4.126	85	443159	10.397	ppbV	99
6) chloromethane	4.294	50	194223	10.582	ppbV	97
7) Freon-114	4.402	85	531289	11.958	ppbV	97
8) methanol	4.480	31	371966	41.592	ppbV	98
9) vinyl chloride	4.522	62	254221	10.418	ppbV	99
10) 1,3-butadiene	4.672	54	170504	10.161	ppbV	91
11) butane	4.726	43	389798	10.436	ppbV	97
13) bromomethane	4.954	94	182698	11.256	ppbV	99
14) chloroethane	5.146	64	133196	10.568	ppbV	98
15) ethanol	5.308	31	790938	53.274	ppbV	92
16) dichlorofluoromethane	5.254	67	525433	11.109	ppbV	99
17) vinyl bromide	5.523	106	229845	11.538	ppbV	100
18) acrolein	5.657	56	113763	7.930	ppbV	100
19) acetone	5.803	43	2020059	54.512	ppbV	91
20) acetonitrile	5.520	41	303849	10.155	ppbV	100
21) trichlorofluoromethane	5.980	101	479995	10.588	ppbV	98
22) isopropyl alcohol	6.107	45	1311966	27.698	ppbV	98
23) acrylonitrile	6.310	53	196509	8.549	ppbV	98
24) pentane	6.377	43	691796	10.718	ppbV	96
25) ethyl ether	6.410	31	470022	10.230	ppbV	96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440908.D
Acq On : 12 Sep 2025 2:18 PM
Operator : AIRPIANO4:RAY
Sample : CTO15-LLSTD010
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 15:06:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) 1,1-dichloroethene	6.678	61	452505	10.821	ppbV	98
27) tertiary butyl alcohol	6.792	59	569636	8.712	ppbV	94
28) methylene chloride	6.816	49	277485	10.742	ppbV	98
29) 3-chloropropene	6.948	41	504726	11.784	ppbV	97
30) carbon disulfide	7.122	76	762310	11.531	ppbV	98
31) Freon 113	7.116	101	515715	11.339	ppbV	99
32) trans-1,2-dichloroethene	7.858	61	425136	10.358	ppbV	96
33) 1,1-dichloroethane	8.083	63	590017	10.921	ppbV	97
34) MTBE	8.167	73	794007	11.491	ppbV	93
35) vinyl acetate	8.267	43	589496	7.788	ppbV	97
36) 2-butanone	8.533	43	639990	10.393	ppbV	98
37) cis-1,2-dichloroethene	9.025	61	429944	10.592	ppbV	98
38) Ethyl Acetate	9.300	61	114877	10.701	ppbV	78
39) chloroform	9.367	83	434014	10.660	ppbV	98
40) Tetrahydrofuran	9.808	42	413356	12.789	ppbV	98
41) 2,2-dichloropropane	9.392	77	364444	10.037	ppbV	98
42) 1,2-dichloroethane	10.200	62	349644	10.115	ppbV	97
44) hexane	9.275	57	493584	9.529	ppbV	89
45) diisopropyl ether	9.283	87	233981	8.668	ppbV	83
46) tert-butyl ethyl ether	9.892	59	914778	8.961	ppbV	99
48) 1,1,1-trichloroethane	10.483	97	435402	9.371	ppbV	98
49) 1,1-dichloropropene	10.847	75	396176	10.600	ppbV	97
50) benzene	11.013	78	908410	10.683	ppbV	95
52) carbon tetrachloride	11.180	117	393161	10.509	ppbV	98
53) cyclohexane	11.327	56	516302	9.559	ppbV	90
54) tert-amyl methyl ether	11.713	73	870976	10.371	ppbV	95
55) dibromomethane	11.920	93	233155	8.853	ppbV	95
56) 1,2-dichloropropane	11.953	63	395655	10.603	ppbV	98
57) bromodichloromethane	12.180	83	444930	10.221	ppbV	99
58) 1,4-dioxane	12.233	88	195282	10.062	ppbV	91
59) trichloroethene	12.227	130	347317	10.187	ppbV	99
60) 2,2,4-trimethylpentane	12.273	57	1621501	9.899	ppbV	94
61) methyl methacrylate	12.467	41	437670	9.995	ppbV	98
62) heptane	12.587	43	661135	11.532	ppbV	90
63) cis-1,3-dichloropropene	13.233	75	529477	12.038	ppbV	98
64) 4-methyl-2-pentanone	13.292	43	766704	11.067	ppbV	91
65) trans-1,3-dichloropropene	13.850	75	432225	12.799	ppbV	97
66) 1,1,2-trichloroethane	14.050	97	354996	10.410	ppbV	98
68) toluene	14.350	91	1047229	11.447	ppbV	100
71) 1,3-dichloropropane	14.375	76	463510	11.163	ppbV	99

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440908.D
Acq On : 12 Sep 2025 2:18 PM
Operator : AIRPIANO4:RAY
Sample : CTO15-LLSTD010
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 15:06:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 2-hexanone	14.642	43	686495	12.273	ppbV	90
74) dibromochloromethane	14.792	129	435298	11.827	ppbV	100
75) 1,2-dibromoethane	15.033	107	532822	12.959	ppbV	99
76) butyl acetate	15.275	73	151695	10.828	ppbV	90
77) octane	15.358	85	367631	10.320	ppbV	87
78) tetrachloroethene	15.483	166	445655	12.016	ppbV	95
79) 1,1,1,2-tetrachloroethane	16.100	131	299706	10.463	ppbV	100
80) chlorobenzene	16.117	112	875972	12.578	ppbV	100
81) ethylbenzene	16.450	91	1310873	11.325	ppbV	93
83) m+p-xylene	16.617	91	2149443	23.226	ppbV	93
84) bromoform	16.683	173	427444	12.263	ppbV	99
85) styrene	16.933	104	950577	12.665	ppbV	99
86) 1,1,2,2-tetrachloroethane	17.025	83	679569	11.600	ppbV	99
87) o-xylene	17.033	91	1060889	11.680	ppbV	93
88) 1,2,3-trichloropropane	17.142	75	515554	11.017	ppbV	99
89) nonane	17.225	43	813432	11.547	ppbV	86
91) isopropylbenzene	17.542	105	1357469	11.477	ppbV	97
92) bromobenzene	17.617	77	677557	10.679	ppbV	96
93) 2-chlorotoluene	17.950	126	321226	10.015	ppbV	95
94) n-propylbenzene	17.975	120	390068	10.280	ppbV	92
95) 4-chlorotoluene	18.008	126	316040	9.866	ppbV	95
96) 4-ethyl toluene	18.100	105	1447859	12.320	ppbV	97
97) 1,3,5-trimethylbenzene	18.158	105	1284823	12.634	ppbV	98
98) tert-butylbenzene	18.508	119	1115738	10.921	ppbV	98
99) 1,2,4-trimethylbenzene	18.508	105	1260953	12.309	ppbV	92
100) decane	18.583	57	914286	9.611	ppbV	88
101) Benzyl Chloride	18.625	91	740966	8.762	ppbV	98
102) 1,3-dichlorobenzene	18.642	146	727320	11.893	ppbV	98
103) 1,4-dichlorobenzene	18.700	146	662314	11.250	ppbV	98
104) sec-butylbenzene	18.733	105	1585479	10.938	ppbV	97
106) p-isopropyltoluene	18.867	119	1245756	10.705	ppbV	98
107) 1,2-dichlorobenzene	19.000	146	634793	11.100	ppbV	99
108) n-butylbenzene	19.233	91	981662	9.532	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.392	75	226805	8.758	ppbV	98
112) undecane	19.658	57	846504	9.255	ppbV	93
114) dodecane	20.617	57	906989	9.119	ppbV	91
115) 1,2,4-trichlorobenzene	20.567	180	370567	9.428	ppbV	100
116) naphthalene	20.692	128	685439	7.464	ppbV	100
117) 1,2,3-trichlorobenzene	20.942	180	296332	7.857	ppbV	100
119) hexachlorobutadiene	21.008	225	523453	10.731	ppbV	96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440908.D
Acq On : 12 Sep 2025 2:18 PM
Operator : AIRPIANO4:RAY
Sample : CTO15-LLSTD010
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 12 15:06:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\r440899.D
Sub List : Default-ICV-AP2 - All compounds listed

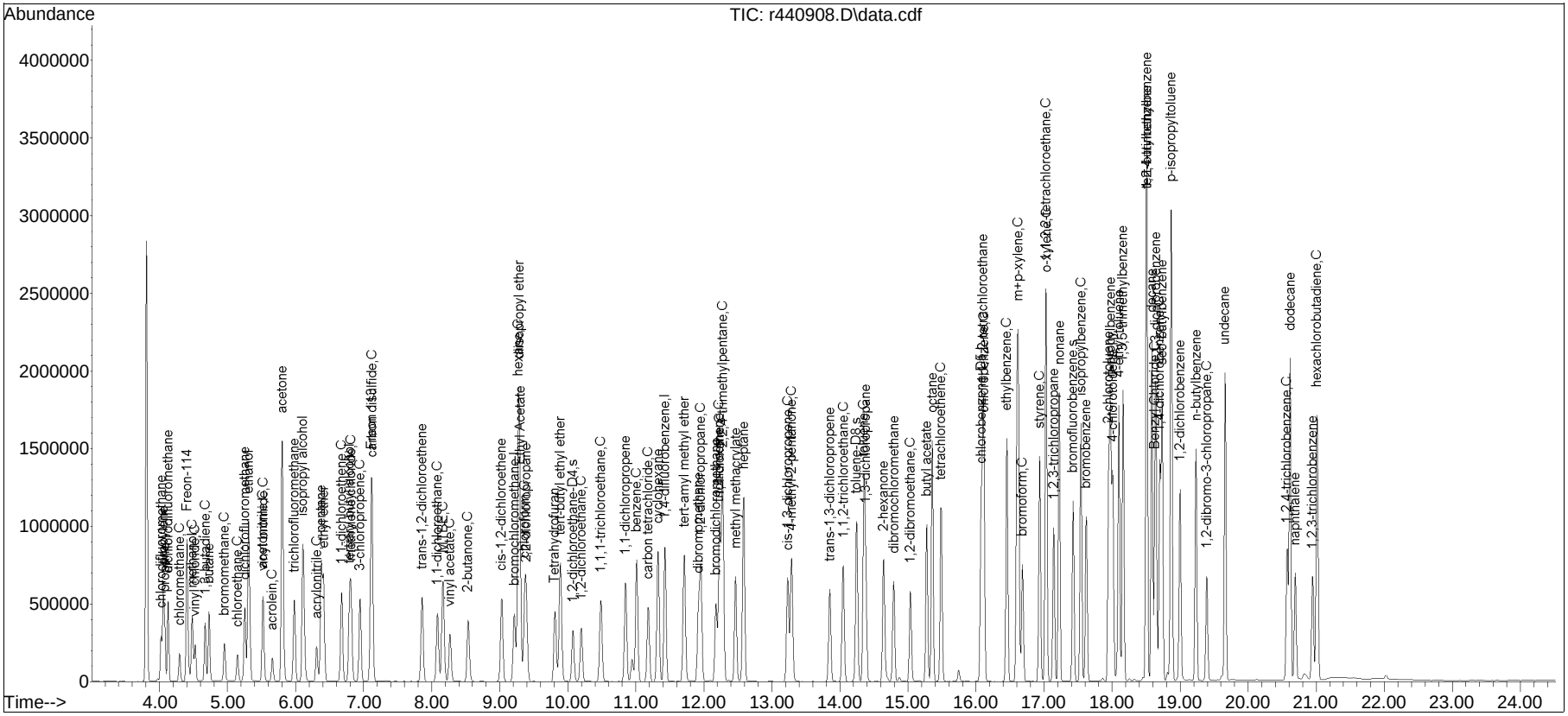
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed_I\r440899.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\
Data File : r440908.D
Acq On : 12 Sep 2025 2:18 PM
Operator : AIRPIANO4:RAY
Sample : CTO15-LLSTD010
Misc : WG2114096
ALS Vial : 0 Sample Multiplier: 1

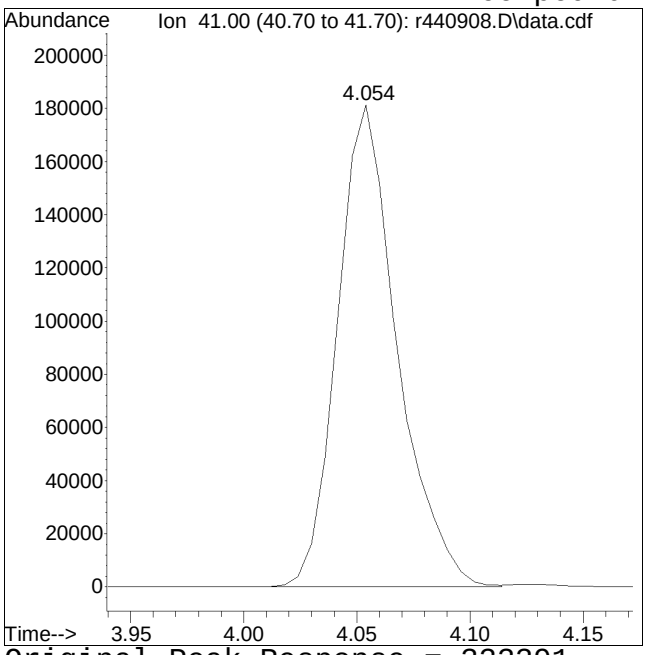
Quant Time: Sep 12 15:06:15 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0911T_I\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration



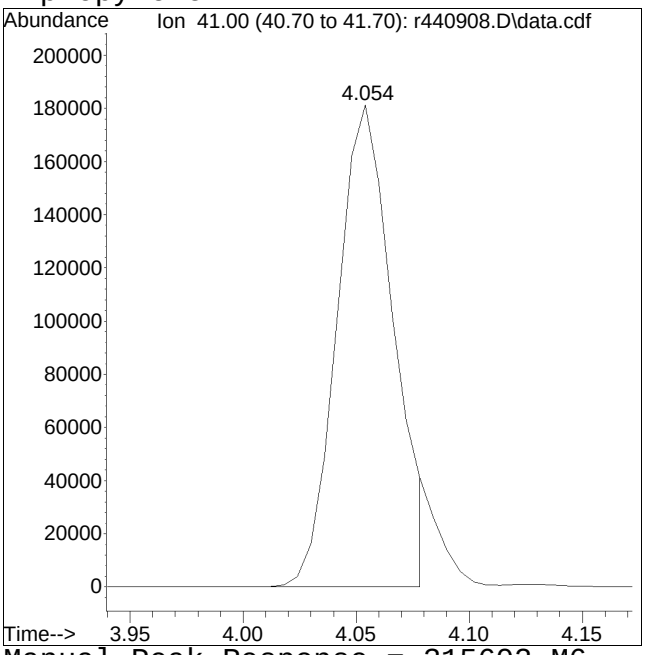
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r440908.D Operator : AIRPIANO4:RAY
Date Inj'd : 9/12/2025 2:18 PM Instrument :
Sample : CTO15-LLSTD010 Quant Date : 9/12/2025 3:06 pm

Compound #3: propylene



Original Peak Response = 333391



Manual Peak Response = 315602 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		Lab Number	: L2560983	
Project Name	: 1885 ATLANTIC AVE		Project Number	: 0205125	
Instrument ID	: AIRPIANO4		Calibration Date	: 09/29/25 12:06	
Lab File ID	: R441211		Init. Calib. Date(s)	: 09/11/25	09/12/25
Sample No	: WG2121111-2		Init. Calib. Times	: 19:39	00:19
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	89	0
chlorodifluoromethane	0.935	0.963	-	-3	30	86	-.01
propylene	0.916	0.667	-	27.2	30	67	-.01
propane	0.774	0.825	-	-6.6	30	93	-.02
dichlorodifluoromethane	1.408	1.508	-	-7.1	30	89	-.01
chloromethane	0.606	0.634	-	-4.6	30	91	-.01
Freon-114	1.468	1.536	-	-4.6	30	88	-.01
methanol	0.295	0.331	-	-12.2	30	96	-.01
vinyl chloride	0.806	0.832	-	-3.2	30	86	-.01
1,3-butadiene	0.554	0.615	-	-11	30	97	-.02
butane	1.234	1.085	-	12.1	30	79	-.01
bromomethane	0.536	0.565	-	-5.4	30	92	-.01
chloroethane	0.416	0.399	-	4.1	30	82	-.02
ethanol	0.49	0.553	-	-12.9	30	95	-.02
dichlorofluoromethane	1.562	1.385	-	11.3	30	75	-.01
vinyl bromide	0.658	0.507	-	22.9	30	67	-.02
acrolein	0.474	0.418	-	11.8	30	78	-.02
acetone	1.224	1.024	-	16.3	30	74	-.02
acetonitrile	0.988	0.726	-	26.5	30	67	-.01
trichlorofluoromethane	1.498	1.368	-	8.7	30	77	-.02
isopropyl alcohol	1.565	1.28	-	18.2	30	75	-.02
acrylonitrile	0.759	0.679	-	10.5	30	81	-.01
pentane	2.132	1.828	-	14.3	30	69	-.02
ethyl ether	1.518	1.654	-	-9	30	90	-.01
1,1-dichloroethene	1.382	1.174	-	15.1	30	72	-.02
tertiary butyl alcohol	2.16	1.815	-	16	30	74	-.02
methylene chloride	0.853	0.871	-	-2.1	30	87	-.01
3-chloropropene	1.415	1.068	-	24.5	30	67	-.02
carbon disulfide	2.184	1.806	-	17.3	30	73	-.02
Freon 113	1.503	1.228	-	18.3	30	69	-.02
trans-1,2-dichloroethene	1.356	1.059	-	21.9	30	67	-.02
1,1-dichloroethane	1.785	1.347	-	24.5	30	64	0
MTBE	2.283	1.807	-	20.8	30	71	-.02
vinyl acetate	2.5	2.074	-	17	30	72	0
2-butanone	2.034	1.617	-	20.5	30	71	0
cis-1,2-dichloroethene	1.341	1.072	-	20.1	30	68	0
Ethyl Acetate	0.355	0.282	-	20.6	30	68	0
chloroform	1.345	1.368	-	-1.7	30	87	0
Tetrahydrofuran	1.068	0.806	-	24.5	30	68	0
2,2-dichloropropane	1.2	1.132	-	5.7	30	83	0
1,2-dichloroethane	1.142	1.035	-	9.4	30	76	0
1,4-difluorobenzene	1	1	-	0	30	76	0
hexane	0.554	0.584	-	-5.4	30	78	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		Lab Number	: L2560983	
Project Name	: 1885 ATLANTIC AVE		Project Number	: 0205125	
Instrument ID	: AIRPIANO4		Calibration Date	: 09/29/25 12:06	
Lab File ID	: R441211		Init. Calib. Date(s)	: 09/11/25	09/12/25
Sample No	: WG2121111-2		Init. Calib. Times	: 19:39	00:19
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.289	0.292	-	-1	30	79	-.02
tert-butyl ethyl ether	1.091	1.108	-	-1.6	30	73	0
1,1,1-trichloroethane	0.497	0.518	-	-4.2	30	71	0
1,1-dichloropropene	0.4	0.391	-	2.3	30	74	0
benzene	0.909	0.936	-	-3	30	75	0
carbon tetrachloride	0.4	0.484	-	-21	30	86	0
cyclohexane	0.577	0.615	-	-6.6	30	78	0
tert-amyl methyl ether	0.898	0.835	-	7	30	70	0
dibromomethane	0.282	0.286	-	-1.4	30	75	0
1,2-dichloropropane	0.399	0.36	-	9.8	30	64	0
bromodichloromethane	0.465	0.537	-	-15.5	30	84	0
1,4-dioxane	0.207	0.214	-	-3.4	30	75	0
trichloroethene	0.364	0.382	-	-4.9	30	75	0
2,2,4-trimethylpentane	1.751	1.881	-	-7.4	30	77	0
methyl methacrylate	0.468	0.441	-	5.8	30	70	0
heptane	0.613	0.61	-	0.5	30	74	0
cis-1,3-dichloropropene	0.47	0.47	-	0	30	73	0
4-methyl-2-pentanone	0.741	0.756	-	-2	30	74	0
trans-1,3-dichloropropene	0.361	0.369	-	-2.2	30	75	0
1,1,2-trichloroethane	0.365	0.354	-	3	30	69	0
chlorobenzene-D5	1	1	-	0	30	94	.02
toluene	6.95	5.735	-	17.5	30	75	0
1,3-dichloropropane	3.154	2.591	-	17.9	30	79	0
2-hexanone	4.25	3.541	-	16.7	30	76	0
dibromochloromethane	2.796	2.488	-	11	30	82	.02
1,2-dibromoethane	3.124	2.477	-	20.7	30	73	0
butyl acetate	1.064	0.759	-	28.7	30	71	.02
octane	2.706	2.35	-	13.2	30	83	.02
tetrachloroethene	2.818	2.433	-	13.7	30	78	.02
1,1,1,2-tetrachloroethane	2.176	1.9	-	12.7	30	80	.02
chlorobenzene	5.291	4.436	-	16.2	30	76	.02
ethylbenzene	8.793	7.523	-	14.4	30	77	.02
m+p-xylene	7.031	6.331	-	10	30	80	.02
bromoform	2.648	2.328	-	12.1	30	80	.02
styrene	5.702	4.47	-	21.6	30	70	.02
1,1,2,2-tetrachloroethane	4.451	4.208	-	5.5	30	87	.02
o-xylene	6.901	6.419	-	7	30	82	.02
1,2,3-trichloropropane	3.555	2.956	-	16.8	30	79	.03
nonane	5.352	4.434	-	17.2	30	79	.02
isopropylbenzene	8.985	7.207	-	19.8	30	74	.02
bromobenzene	4.82	4.131	-	14.3	30	81	.02
2-chlorotoluene	2.437	2.036	-	16.5	30	77	.03
n-propylbenzene	2.883	2.455	-	14.8	30	80	.02

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2560983
Project Name	: 1885 ATLANTIC AVE	**Project Number**	: 0205125
Instrument ID	: AIRPIANO4	**Calibration Date**	: 09/29/25 12:06
Lab File ID	: R441211	**Init. Calib. Date(s)**	: 09/11/25 09/12/25
Sample No	: WG2121111-2	**Init. Calib. Times**	: 19:39 00:19
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	2.434	2.077	-	14.7	30	80	.03
4-ethyl toluene	8.928	7.525	-	15.7	30	76	.02
1,3,5-trimethylbenzene	7.726	7.045	-	8.8	30	80	.02
tert-butylbenzene	7.761	7.409	-	4.5	30	88	.03
1,2,4-trimethylbenzene	7.782	7.346	-	5.6	30	77	.03
decane	7.227	7.142	-	1.2	30	91	.03
Benzyl Chloride	6.425	6.235	-	3	30	86	.03
1,3-dichlorobenzene	4.646	4.563	-	1.8	30	86	.03
1,4-dichlorobenzene	4.472	4.447	-	0.6	30	87	.03
sec-butylbenzene	11.012	10.373	-	5.8	30	86	.03
p-isopropyltoluene	8.841	9.107	-	-3	30	92	.03
1,2-dichlorobenzene	4.345	4.302	-	1	30	87	.03
n-butylbenzene	7.824	8.166	-	-4.4	30	97	.03
1,2-dibromo-3-chloropropan	1.967	1.886	-	4.1	30	88	.03
undecane	6.949	7.564	-	-8.9	30	106	.03
dodecane	7.556	7.53	-	0.3	30	89	.05
1,2,4-trichlorobenzene	2.986	2.803	-	6.1	30	82	.04
naphthalene	6.976	7.076	-	-1.4	30	91	.05
1,2,3-trichlorobenzene	2.865	2.83	-	1.2	30	89	.04
hexachlorobutadiene	3.706	3.86	-	-4.2	30	88	.05

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441211.D
Acq On : 29 Sep 2025 12:06 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-2,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 29 13:39:37 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	89	0.00
2		chlorodifluoromethane	0.935	0.963	-3.0	86	-0.01
3		propylene	0.916	0.667	27.2	67	-0.01
4		propane	0.774	0.825	-6.6	93	-0.02
5		dichlorodifluoromethane	1.408	1.508	-7.1	89	-0.01
6	C	chloromethane	0.606	0.634	-4.6	91	-0.01
7		Freon-114	1.468	1.536	-4.6	88	-0.01
8	C	methanol	0.295	0.331	-12.2	96	-0.01
9	C	vinyl chloride	0.806	0.832	-3.2	86	-0.01
10	C	1,3-butadiene	0.554	0.615	-11.0	97	-0.02
11		butane	1.234	1.085	12.1	79	-0.01
13	C	bromomethane	0.536	0.565	-5.4	92	-0.01
14	C	chloroethane	0.416	0.399	4.1	82	-0.02
15		ethanol	0.490	0.553	-12.9	95	-0.02
16		dichlorofluoromethane	1.562	1.385	11.3	75	-0.01
17	C	vinyl bromide	0.658	0.507	22.9	67	-0.02
18	C	acrolein	0.474	0.418	11.8	78	-0.02
19		acetone	1.224	1.024	16.3	74	-0.02
20	C	acetonitrile	0.988	0.726	26.5	67	-0.01
21		trichlorofluoromethane	1.498	1.368	8.7	77	-0.02
22		isopropyl alcohol	1.565	1.280	18.2	75	-0.02
23	C	acrylonitrile	0.759	0.679	10.5	81	-0.01
24		pentane	2.132	1.828	14.3	69	-0.02
25		ethyl ether	1.518	1.654	-9.0	90	-0.01
26	C	1,1-dichloroethene	1.382	1.174	15.1	72	-0.02
27		tertiary butyl alcohol	2.160	1.815	16.0	74	-0.02
28	C	methylene chloride	0.853	0.871	-2.1	87	-0.01
29	C	3-chloropropene	1.415	1.068	24.5	67	-0.02
30	C	carbon disulfide	2.184	1.806	17.3	73	-0.02
31		Freon 113	1.503	1.228	18.3	69	-0.02
32		trans-1,2-dichloroethene	1.356	1.059	21.9	67	-0.02
33	C	1,1-dichloroethane	1.785	1.347	24.5	64	0.00
34	C	MTBE	2.283	1.807	20.8	71	-0.02
35	C	vinyl acetate	2.500	2.074	17.0	72	0.00
36	C	2-butanone	2.034	1.617	20.5	71	0.00
37		cis-1,2-dichloroethene	1.341	1.072	20.1	68	0.00
38		Ethyl Acetate	0.355	0.282	20.6	68	0.00
39	C	chloroform	1.345	1.368	-1.7	87	0.00
40		Tetrahydrofuran	1.068	0.806	24.5	68	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441211.D
Acq On : 29 Sep 2025 12:06 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-2,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 29 13:39:37 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	1.200	1.132	5.7	83	0.00
42	C	1,2-dichloroethane	1.142	1.035	9.4	76	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	76	0.00
44	C	hexane	0.554	0.584	-5.4	78	0.00
45		diisopropyl ether	0.289	0.292	-1.0	79	-0.02
46		tert-butyl ethyl ether	1.091	1.108	-1.6	73	0.00
48	C	1,1,1-trichloroethane	0.497	0.518	-4.2	71	0.00
49		1,1-dichloropropene	0.400	0.391	2.3	74	0.00
50	C	benzene	0.909	0.936	-3.0	75	0.00
52	C	carbon tetrachloride	0.400	0.484	-21.0	86	0.00
53		cyclohexane	0.577	0.615	-6.6	78	0.00
54		tert-amyl methyl ether	0.898	0.835	7.0	70	0.00
55		dibromomethane	0.282	0.286	-1.4	75	0.00
56	C	1,2-dichloropropane	0.399	0.360	9.8	64	0.00
57		bromodichloromethane	0.465	0.537	-15.5	84	0.00
58	C	1,4-dioxane	0.207	0.214	-3.4	75	0.00
59	C	trichloroethene	0.364	0.382	-4.9	75	0.00
60	C	2,2,4-trimethylpentane	1.751	1.881	-7.4	77	0.00
61		methyl methacrylate	0.468	0.441	5.8	70	0.00
62		heptane	0.613	0.610	0.5	74	0.00
63	C	cis-1,3-dichloropropene	0.470	0.470	0.0	73	0.00
64	C	4-methyl-2-pentanone	0.741	0.756	-2.0	74	0.00
65		trans-1,3-dichloropropene	0.361	0.369	-2.2	75	0.00
66	C	1,1,2-trichloroethane	0.365	0.354	3.0	69	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	94	0.02
68	C	toluene	6.950	5.735	17.5	75	0.00
71		1,3-dichloropropane	3.154	2.591	17.9	79	0.00
72		2-hexanone	4.250	3.541	16.7	76	0.00
74		dibromochloromethane	2.796	2.488	11.0	82	0.02
75	C	1,2-dibromoethane	3.124	2.477	20.7	73	0.00
76		butyl acetate	1.064	0.759	28.7	71	0.02
77		octane	2.706	2.350	13.2	83	0.02
78	C	tetrachloroethene	2.818	2.433	13.7	78	0.02
79		1,1,1,2-tetrachloroethane	2.176	1.900	12.7	80	0.02
80	C	chlorobenzene	5.291	4.436	16.2	76	0.02
81	C	ethylbenzene	8.793	7.523	14.4	77	0.02
83	C	m+p-xylene	7.031	6.331	10.0	80	0.02

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441211.D
Acq On : 29 Sep 2025 12:06 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-2,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 29 13:39:37 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
84	C	bromoform	2.648	2.328	12.1	80	0.02
85	C	styrene	5.702	4.470	21.6	70	0.02
86	C	1,1,2,2-tetrachloroethane	4.451	4.208	5.5	87	0.02
87	C	o-xylene	6.901	6.419	7.0	82	0.02
88		1,2,3-trichloropropane	3.555	2.956	16.8	79	0.03
89		nonane	5.352	4.434	17.2	79	0.02
91	C	isopropylbenzene	8.985	7.207	19.8	74	0.02
92		bromobenzene	4.820	4.131	14.3	81	0.02
93		2-chlorotoluene	2.437	2.036	16.5	77	0.03
94		n-propylbenzene	2.883	2.455	14.8	80	0.02
95		4-chlorotoluene	2.434	2.077	14.7	80	0.03
96		4-ethyl toluene	8.928	7.525	15.7	76	0.02
97		1,3,5-trimethylbenzene	7.726	7.045	8.8	80	0.02
98		tert-butylbenzene	7.761	7.409	4.5	88	0.03
99		1,2,4-trimethylbenzene	7.782	7.346	5.6	77	0.03
100		decane	7.227	7.142	1.2	91	0.03
101	C	Benzyl Chloride	6.425	6.235	3.0	86	0.03
102		1,3-dichlorobenzene	4.646	4.563	1.8	86	0.03
103	C	1,4-dichlorobenzene	4.472	4.447	0.6	87	0.03
104		sec-butylbenzene	11.012	10.373	5.8	86	0.03
106		p-isopropyltoluene	8.841	9.107	-3.0	92	0.03
107		1,2-dichlorobenzene	4.345	4.302	1.0	87	0.03
108		n-butylbenzene	7.824	8.166	-4.4	97	0.03
111	C	1,2-dibromo-3-chloropropane	1.967	1.886	4.1	88	0.03
112		undecane	6.949	7.564	-8.9	106	0.03
114		dodecane	7.556	7.530	0.3	89	0.05
115	C	1,2,4-trichlorobenzene	2.986	2.803	6.1	82	0.04
116		naphthalene	6.976	7.076	-1.4	91	0.05
117		1,2,3-trichlorobenzene	2.865	2.830	1.2	89	0.04
119	C	hexachlorobutadiene	3.706	3.860	-4.2	88	0.05

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441211.D
Acq On : 29 Sep 2025 12:06 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-2,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 29 13:39:37 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.217	49	285983	10.000	ppbV	0.00
Standard Area = 285983			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.433	114	711740	10.000	ppbV	0.00
Standard Area = 711740			Recovery = 100.00%			
67) chlorobenzene-D5	16.092	54	145769	10.000	ppbV	0.02
Standard Area = 145769			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
2) chlorodifluoromethane	4.018	51	275313	10.293	ppbV	94
3) propylene	4.054	41	190833M4	7.288	ppbV	
4) propane	4.072	29	235820	10.649	ppbV #	89
5) dichlorodifluoromethane	4.126	85	431405	10.713	ppbV	100
6) chloromethane	4.294	50	181194	10.449	ppbV	99
7) Freon-114	4.402	85	439211	10.464	ppbV	98
8) methanol	4.474	31	472833	55.962	ppbV	98
9) vinyl chloride	4.522	62	237811	10.316	ppbV	97
10) 1,3-butadiene	4.666	54	175953	11.098	ppbV	79
11) butane	4.726	43	310404	8.796	ppbV #	97
13) bromomethane	4.954	94	161662	10.543	ppbV	97
14) chloroethane	5.140	64	114047	9.577	ppbV	96
15) ethanol	5.296	31	791192	56.407	ppbV	99
16) dichlorofluoromethane	5.254	67	396029	8.863	ppbV	98
17) vinyl bromide	5.517	106	144971	7.703	ppbV	99
18) acrolein	5.653	56	119407	8.810	ppbV #	92
19) acetone	5.797	43	1463765	41.810	ppbV	95
20) acetonitrile	5.513	41	207750	7.350	ppbV	100
21) trichlorofluoromethane	5.977	101	391128	9.132	ppbV	99
22) isopropyl alcohol	6.097	45	914950	20.445	ppbV	100
23) acrylonitrile	6.303	53	194121	8.939	ppbV	99
24) pentane	6.373	43	522829	8.574	ppbV	96
25) ethyl ether	6.407	31	472965	10.896	ppbV	87
26) 1,1-dichloroethene	6.672	61	335660	8.496	ppbV	97
27) tertiary butyl alcohol	6.780	59	519191	8.405	ppbV	99
28) methylene chloride	6.816	49	249124	10.208	ppbV	93
29) 3-chloropropene	6.942	41	305289	7.544	ppbV	96
30) carbon disulfide	7.116	76	516578	8.271	ppbV	97
31) Freon 113	7.110	101	351229	8.174	ppbV #	94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441211.D
Acq On : 29 Sep 2025 12:06 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-2,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 29 13:39:37 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) trans-1,2-dichloroethene	7.858	61	302738	7.807	ppbV	99
33) 1,1-dichloroethane	8.083	63	385299	7.549	ppbV	99
34) MTBE	8.158	73	516843	7.917	ppbV	97
35) vinyl acetate	8.267	43	593073	8.294	ppbV	98
36) 2-butanone	8.533	43	462472	7.950	ppbV	96
37) cis-1,2-dichloroethene	9.025	61	306450	7.991	ppbV	99
38) Ethyl Acetate	9.300	61	80545	7.942	ppbV	88
39) chloroform	9.367	83	391307	10.173	ppbV	99
40) Tetrahydrofuran	9.817	42	230632	7.553	ppbV	97
41) 2,2-dichloropropane	9.392	77	323786	9.438	ppbV	93
42) 1,2-dichloroethane	10.200	62	296085	9.067	ppbV	96
44) hexane	9.275	57	415499	10.543	ppbV	96
45) diisopropyl ether	9.275	87	207904	10.123	ppbV	91
46) tert-butyl ethyl ether	9.892	59	788652	10.154	ppbV	96
48) 1,1,1-trichloroethane	10.492	97	368691	10.429	ppbV	100
49) 1,1-dichloropropene	10.853	75	278341	9.788	ppbV	97
50) benzene	11.013	78	666510	10.302	ppbV	96
52) carbon tetrachloride	11.187	117	344734	12.110	ppbV	98
53) cyclohexane	11.333	56	437632	10.648	ppbV	97
54) tert-amyl methyl ether	11.720	73	594107	9.297	ppbV	95
55) dibromomethane	11.927	93	203750	10.168	ppbV	98
56) 1,2-dichloropropane	11.960	63	256376	9.029	ppbV	97
57) bromodichloromethane	12.187	83	382555	11.549	ppbV	99
58) 1,4-dioxane	12.247	88	152255	10.311	ppbV	96
59) trichloroethene	12.233	130	271876	10.481	ppbV	97
60) 2,2,4-trimethylpentane	12.280	57	1338678	10.741	ppbV	97
61) methyl methacrylate	12.473	41	314192	9.430	ppbV	94
62) heptane	12.593	43	434368	9.958	ppbV	96
63) cis-1,3-dichloropropene	13.242	75	334359	9.991	ppbV	98
64) 4-methyl-2-pentanone	13.300	43	538024	10.207	ppbV	98
65) trans-1,3-dichloropropene	13.867	75	262867	10.230	ppbV	96
66) 1,1,2-trichloroethane	14.058	97	252026	9.713	ppbV	90
68) toluene	14.367	91	836009	8.252	ppbV	99
71) 1,3-dichloropropane	14.392	76	377653	8.213	ppbV	94
72) 2-hexanone	14.658	43	516212	8.333	ppbV	99
74) dibromochloromethane	14.808	129	362623	8.897	ppbV	99
75) 1,2-dibromoethane	15.050	107	361033	7.929	ppbV	98
76) butyl acetate	15.292	73	110639	7.132	ppbV	87
77) octane	15.375	85	342602	8.685	ppbV	93
78) tetrachloroethene	15.508	166	354721	8.637	ppbV	96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441211.D
Acq On : 29 Sep 2025 12:06 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-2,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 29 13:39:37 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : Default-LCS-AP2 - All compounds listed

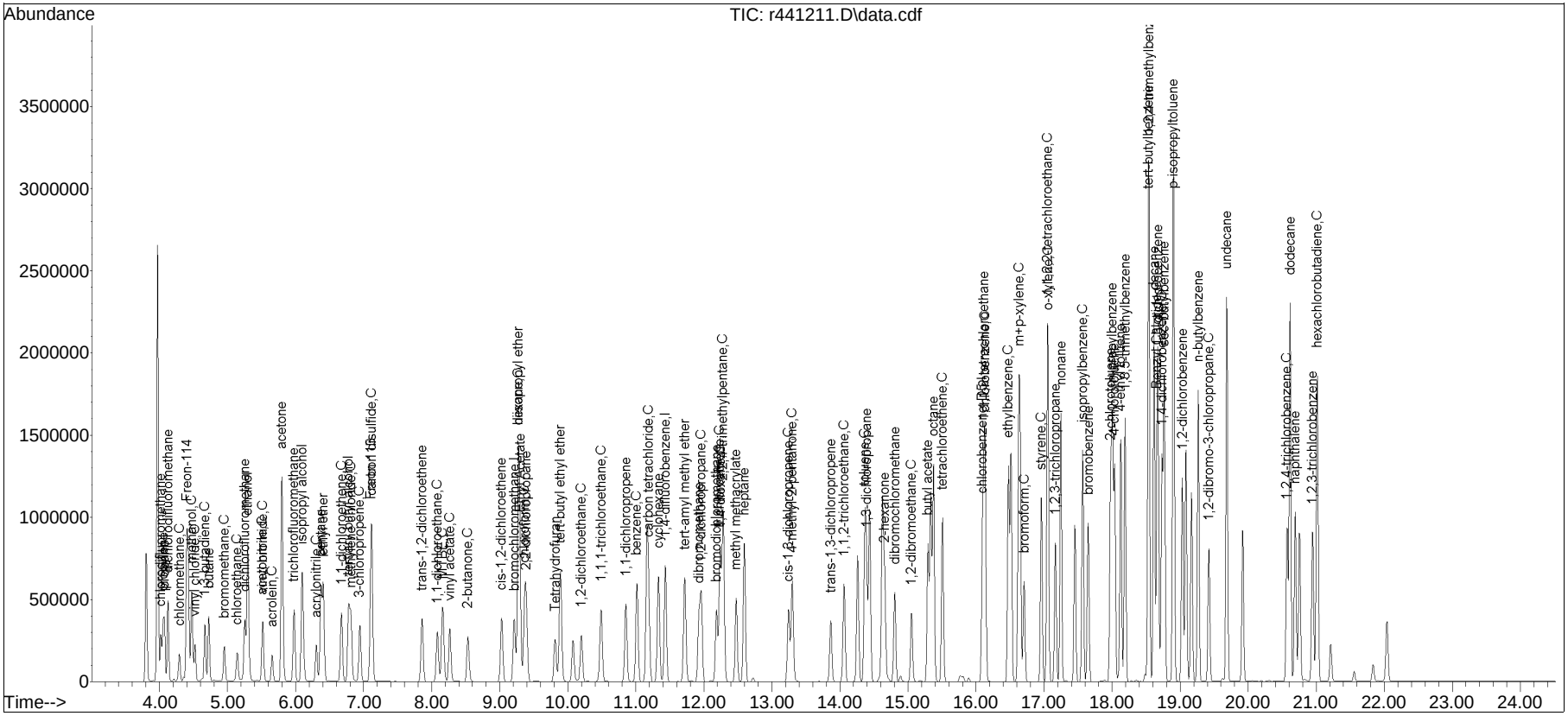
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 1,1,1,2-tetrachloroethane	16.117	131	276916	8.730	ppbV	99
80) chlorobenzene	16.133	112	646703	8.385	ppbV	97
81) ethylbenzene	16.475	91	1096674	8.556	ppbV	96
83) m+p-xylene	16.633	91	1845840	18.011	ppbV	94
84) bromoform	16.708	173	339389	8.792	ppbV	99
85) styrene	16.958	104	651651	7.840	ppbV	93
86) 1,1,2,2-tetrachloroethane	17.050	83	613387	9.455	ppbV	100
87) o-xylene	17.058	91	935634	9.302	ppbV	93
88) 1,2,3-trichloropropane	17.167	75	430823	8.314	ppbV	99
89) nonane	17.250	43	646392	8.286	ppbV	97
91) isopropylbenzene	17.567	105	1050578	8.021	ppbV	96
92) bromobenzene	17.650	77	602125	8.570	ppbV	95
93) 2-chlorotoluene	17.975	126	296725	8.354	ppbV	99
94) n-propylbenzene	18.000	120	357846	8.516	ppbV	100
95) 4-chlorotoluene	18.033	126	302746	8.534	ppbV	99
96) 4-ethyl toluene	18.125	105	1096886	8.428	ppbV	95
97) 1,3,5-trimethylbenzene	18.192	105	1026933	9.119	ppbV	97
98) tert-butylbenzene	18.533	119	1080050	9.547	ppbV	99
99) 1,2,4-trimethylbenzene	18.542	105	1070775	9.439	ppbV	97
100) decane	18.617	57	1041012	9.882	ppbV	95
101) Benzyl Chloride	18.658	91	908837	9.704	ppbV	100
102) 1,3-dichlorobenzene	18.675	146	665197	9.823	ppbV	98
103) 1,4-dichlorobenzene	18.733	146	648187M4	9.942	ppbV	
104) sec-butylbenzene	18.767	105	1512118	9.420	ppbV	97
106) p-isopropyltoluene	18.900	119	1327514	10.301	ppbV	99
107) 1,2-dichlorobenzene	19.033	146	627072	9.902	ppbV	99
108) n-butylbenzene	19.267	91	1190397	10.438	ppbV	98
111) 1,2-dibromo-3-chloropr...	19.425	75	274960	9.588	ppbV	97
112) undecane	19.683	57	1102611	10.886	ppbV	88
114) dodecane	20.617	57	1097683	9.966	ppbV	93
115) 1,2,4-trichlorobenzene	20.567	180	408589	9.388	ppbV	97
116) naphthalene	20.692	128	1031489	10.143	ppbV	98
117) 1,2,3-trichlorobenzene	20.942	180	412592	9.878	ppbV	97
119) hexachlorobutadiene	21.017	225	562718	10.417	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listed\r441211.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441211.D
Acq On : 29 Sep 2025 12:06 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-2,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

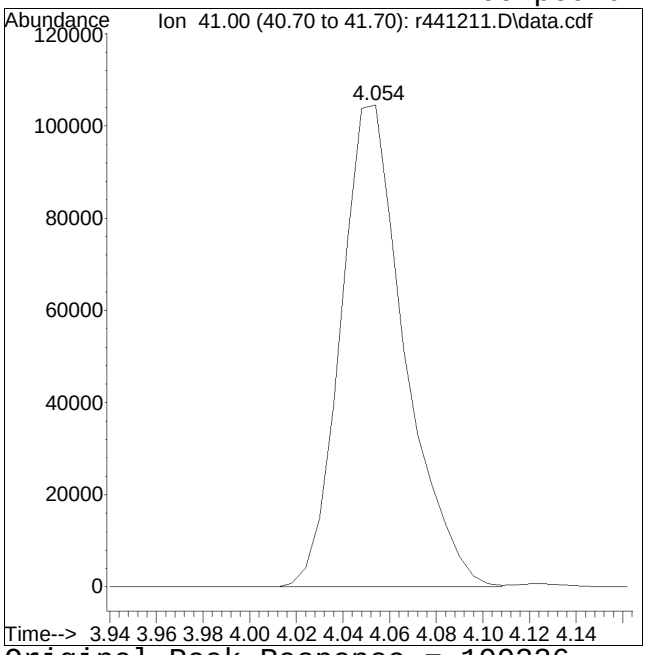
Quant Time: Sep 29 13:39:37 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration



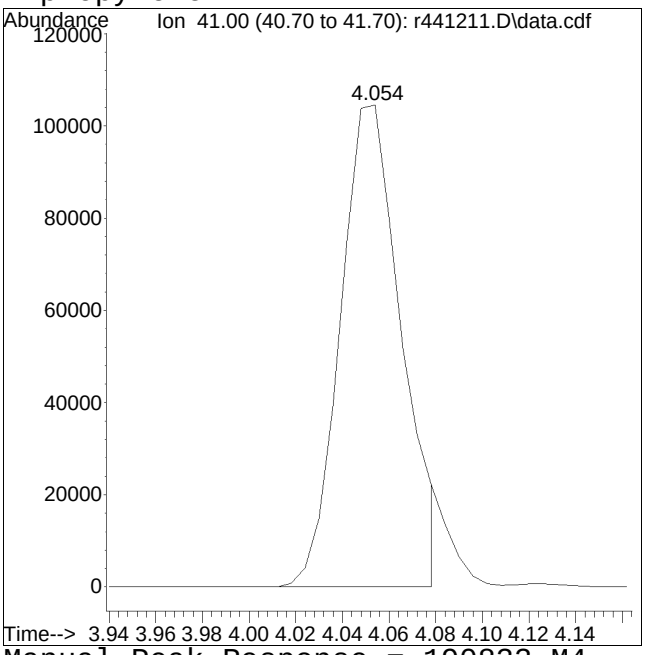
Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r441211.D Operator : AIRPIANO4:KJD
Date Inj'd : 9/29/2025 12:06 PM Instrument :
Sample : WG2121111-2,3,250,250 Quant Date : 9/29/2025 1:39 pm

Compound #3: propylene



Original Peak Response = 199326



Manual Peak Response = 190833 M4

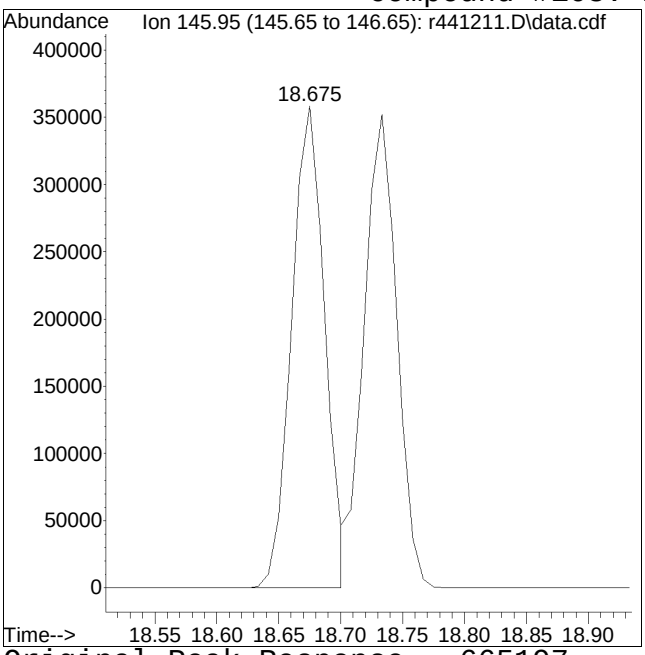
M4 = Poor automated baseline construction.

Manual Integration Report

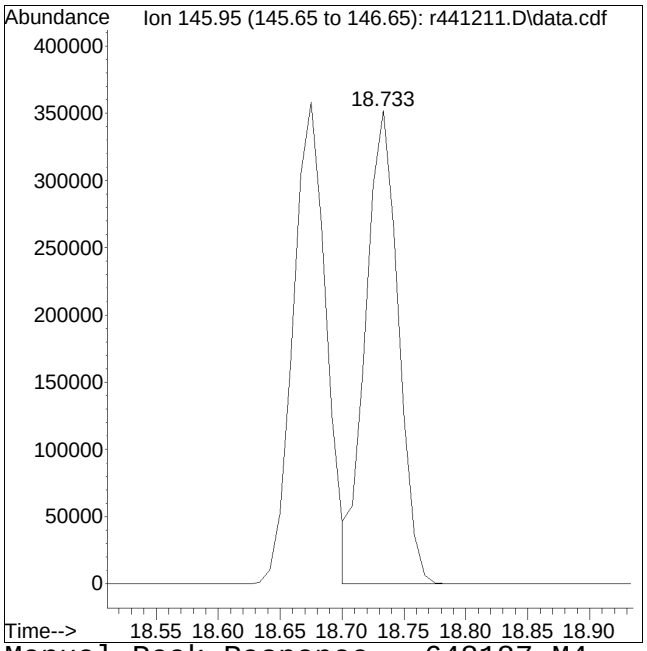
Data Path : X:\Airlab\Data\Airpiano4\2Q
Data File : r441211.D
Date Inj'd : 9/29/2025 12:06 PM
Sample : WG2121111-2,3,250,250

Method : TFS4_250911.M
Operator : AIRPIANO4:KJD
Instrument :
Quant Date : 9/29/2025 1:39 pm

Compound #103: 1,4-dichlorobenzene



Original Peak Response = 665197



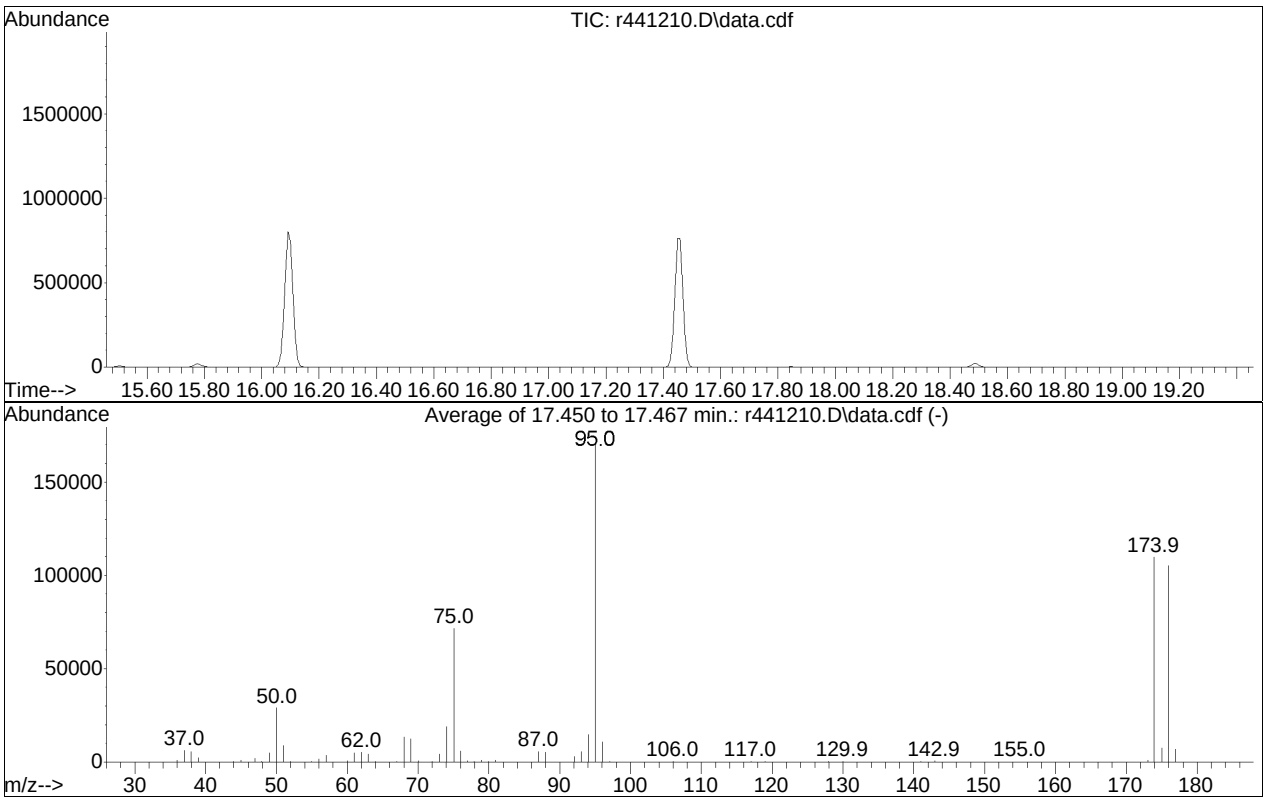
Manual Peak Response = 648187 M4

M4 = Poor automated baseline construction.

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441210.D
Acq On : 29 Sep 2025 11:25 AM
Operator : AIRPIANO4:KJD
Sample : WG2121111-1,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Sep 12 11:05:38 2025



AutoFind: Scans 2136, 2137, 2138; Background Corrected with Scan 2128

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.0	29010	PASS
75	95	30	66	41.8	71532	PASS
95	95	100	100	100.0	171084	PASS
96	95	5	9	6.4	10951	PASS
173	174	0.00	2	0.9	949	PASS
174	95	50	120	64.2	109811	PASS
175	174	4	9	7.0	7669	PASS
176	174	93	101	95.9	105269	PASS
177	176	5	9	6.5	6879	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441214.D
Acq On : 29 Sep 2025 4:03 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-4,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 06:57:40 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.217	49	284840	10.000	ppbV	0.00
Standard Area = 285983			Recovery = 99.60%			
43) 1,4-difluorobenzene	11.440	114	689163	10.000	ppbV	0.00
Standard Area = 711740			Recovery = 96.83%			
67) chlorobenzene-D5	16.100	54	135004	10.000	ppbV	# 0.03
Standard Area = 145769			Recovery = 92.62%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	0.000		0	N.D.		
6) chloromethane	0.000		0	N.D.		
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.360	31	1550	0.111	ppbV	# 84
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.890	43	2324	0.067	ppbV	# 87
21) trichlorofluoromethane	0.000		0	N.D.		
22) isopropyl alcohol	0.000		0	N.D.	d	
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	0.000		0	N.D.		
28) methylene chloride	6.822	49	1235	0.051	ppbV	93
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	7.134		0	N.D.		
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.633		0	N.D.		
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	0.000		0	N.D.		
40) Tetrahydrofuran	0.000		0	N.D.		
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	0.000		0	N.D.		

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441214.D
Acq On : 29 Sep 2025 4:03 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-4,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 06:57:40 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	0.000		0	N.D.		
52) carbon tetrachloride	0.000		0	N.D.		
53) cyclohexane	0.000		0	N.D.	d	
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	0.000		0	N.D.		
62) heptane	0.000		0	N.D.		
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	0.000		0	N.D.		
72) 2-hexanone	14.717		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	0.000		0	N.D.		
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	0.000		0	N.D.		
83) m+p-xylene	0.000		0	N.D.		
84) bromoform	0.000		0	N.D.		
85) styrene	0.000		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	0.000		0	N.D.		
96) 4-ethyl toluene	0.000		0	N.D.		
97) 1,3,5-trimethylbenzene	0.000		0	N.D.		
99) 1,2,4-trimethylbenzene	0.000		0	N.D.		
101) Benzyl Chloride	0.000		0	N.D.		
102) 1,3-dichlorobenzene	0.000		0	N.D.		
103) 1,4-dichlorobenzene	0.000		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
116) naphthalene	20.700		0	N.D.		
119) hexachlorobutadiene	21.025		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441214.D
Acq On : 29 Sep 2025 4:03 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-4,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 06:57:40 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

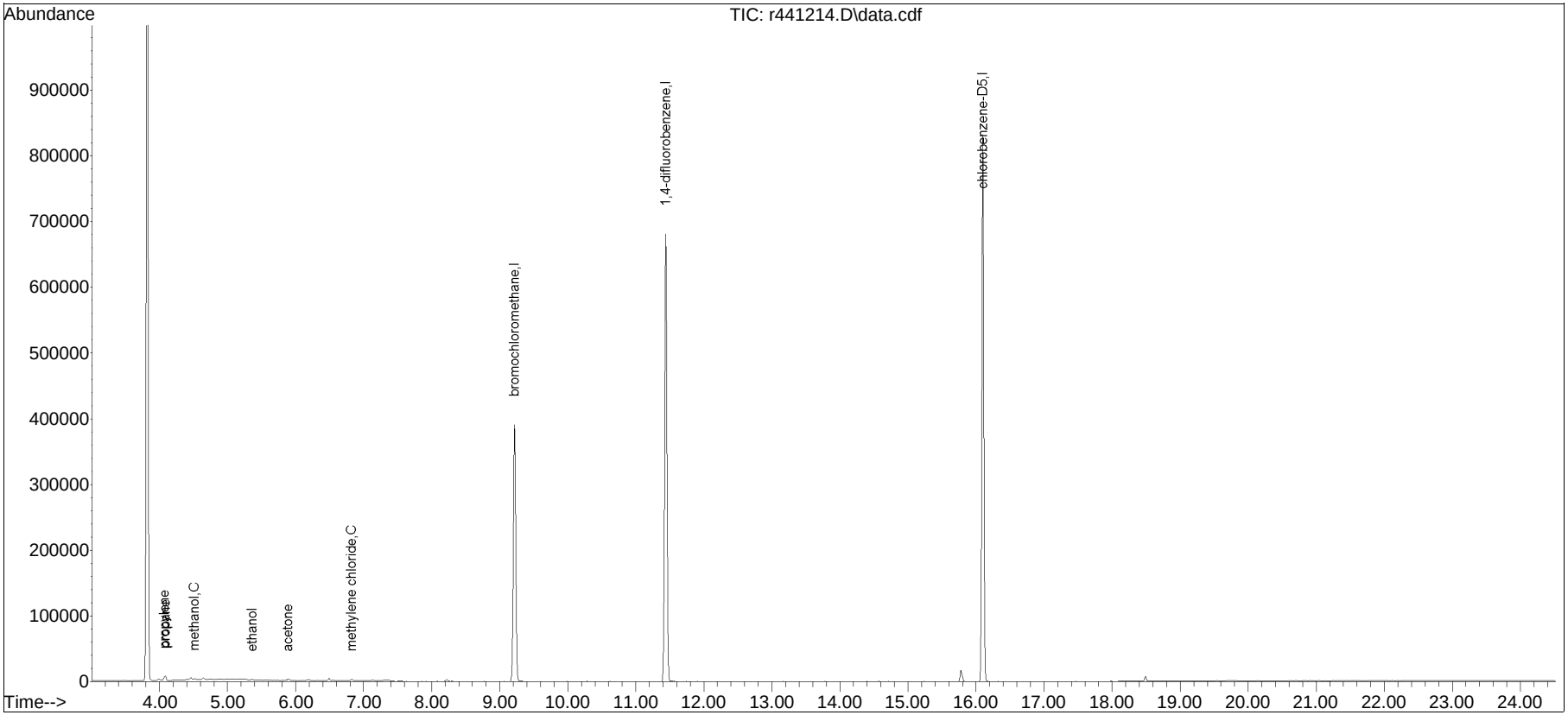
CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : Default-LCS-AP2 - All compounds listed

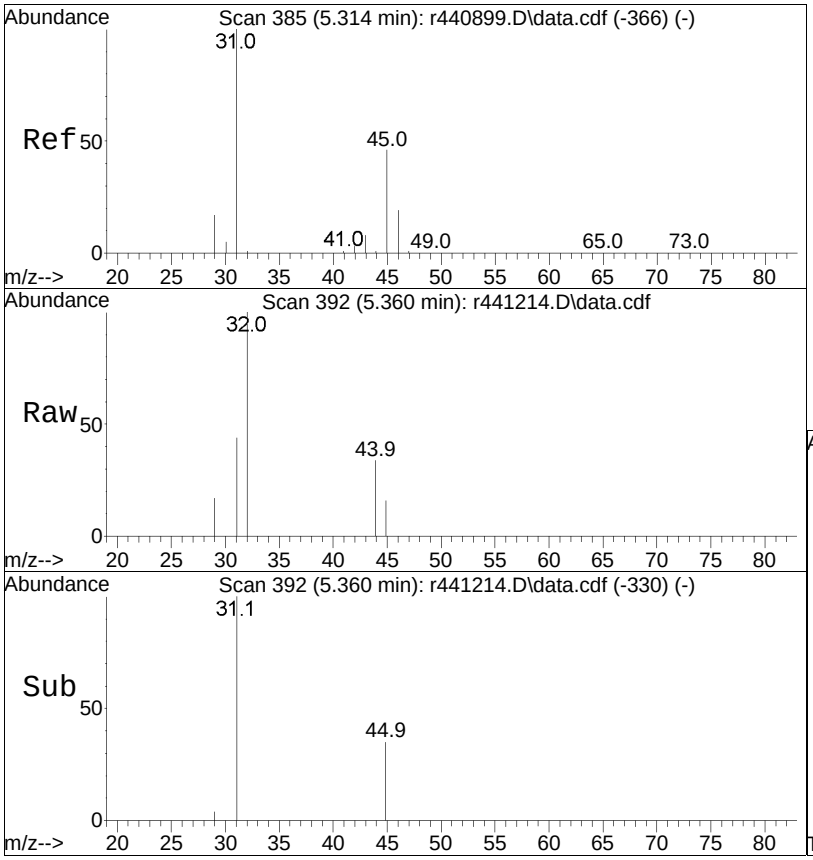
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listed\r441211.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441214.D
Acq On : 29 Sep 2025 4:03 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-4,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 06:57:40 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

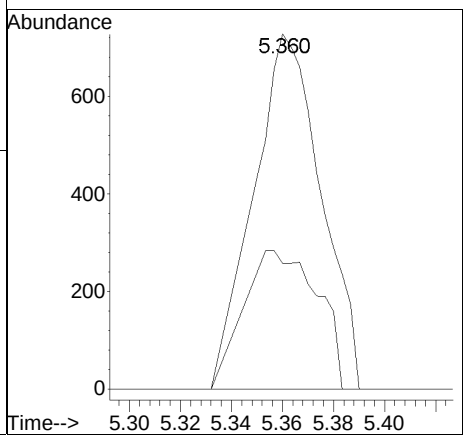


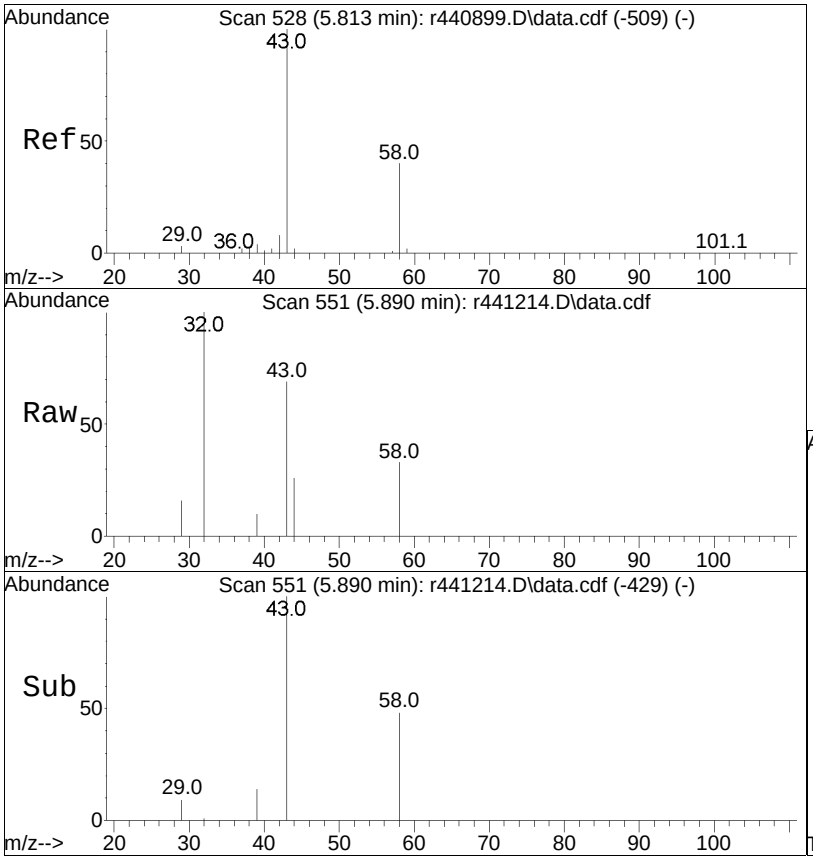


#15
ethanol
Concen: 0.11 ppbV
RT: 5.360 min Scan# 392
Delta R.T. 0.046 min
Lab File: r441214.D
Acq: 29 Sep 2025 4:03 PM

Tgt Ion: 31 Resp: 1550

Ion	Ratio	Lower	Upper
31	100		
45	35.5	37.1	55.7#

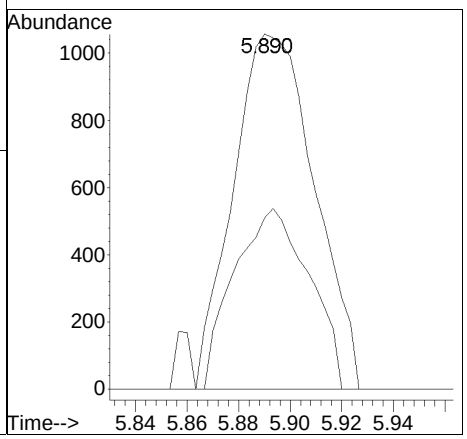


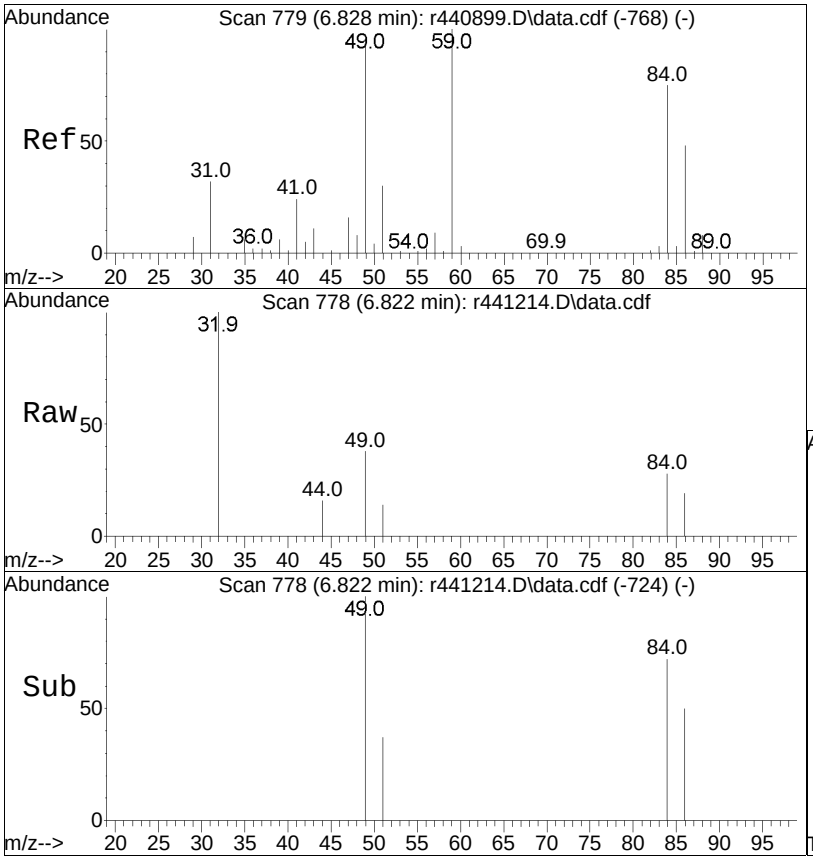


#19
acetone
Concen: 0.07 ppbV
RT: 5.890 min Scan# 551
Delta R.T. 0.077 min
Lab File: r441214.D
Acq: 29 Sep 2025 4:03 PM

Tgt Ion: 43 Resp: 2324

Ion	Ratio	Lower	Upper
43	100		
58	48.2	32.2	48.4
57	0.0	0.9	1.3#

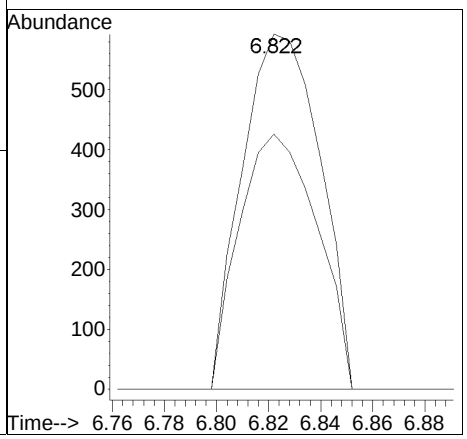




#28
methylene chloride
Concen: 0.05 ppbV
RT: 6.822 min Scan# 778
Delta R.T. -0.006 min
Lab File: r441214.D
Acq: 29 Sep 2025 4:03 PM

Tgt Ion: 49 Resp: 1235

Ion	Ratio	Lower	Upper
49	100		
84	71.8	62.1	93.1



Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441212.D
Acq On : 29 Sep 2025 12:47 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-3,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 29 13:43:16 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	bromochloromethane	10.000	10.000	0.0	94	0.00
2		chlorodifluoromethane	10.000	10.881	-8.8	96	0.00
3		propylene	10.000	8.241	17.6	79	0.00
4		propane	10.000	10.380	-3.8	95	0.00
5		dichlorodifluoromethane	10.000	11.045	-10.4	97	0.00
6	C	chloromethane	10.000	10.522	-5.2	96	0.00
7		Freon-114	10.000	11.739	-17.4	104	0.00
8	C	methanol	50.000	46.138	7.7	84	0.00
9	C	vinyl chloride	10.000	11.087	-10.9	98	0.00
10	C	1,3-butadiene	10.000	11.927	-19.3	110	0.00
11		butane	10.000	8.647	13.5	82	0.00
13	C	bromomethane	10.000	11.897	-19.0	109	0.00
14	C	chloroethane	10.000	10.371	-3.7	94	0.00
15		ethanol	50.000	57.282	-14.6	101	-0.01
16		dichlorofluoromethane	10.000	8.738	12.6	78	0.00
17	C	vinyl bromide	10.000	8.520	14.8	78	-0.01
18	C	acrolein	10.000	7.782	22.2	72	0.00
19		acetone	50.000	40.507	19.0	76	0.00
20	C	acetonitrile	10.000	6.878	31.2#	66	0.00
21		trichlorofluoromethane	10.000	9.642	3.6	86	0.00
22		isopropyl alcohol	25.000	19.857	20.6	77	-0.02
23	C	acrylonitrile	10.000	8.605	13.9	82	0.00
24		pentane	10.000	7.812	21.9	66	0.00
25		ethyl ether	10.000	11.492	-14.9	101	0.00
26	C	1,1-dichloroethene	10.000	9.451	5.5	84	-0.01
27		tertiary butyl alcohol	10.000	7.830	21.7	73	-0.02
28	C	methylene chloride	10.000	10.782	-7.8	97	-0.01
29	C	3-chloropropene	10.000	8.272	17.3	78	-0.01
30	C	carbon disulfide	10.000	8.910	10.9	83	-0.01
31		Freon 113	10.000	8.953	10.5	80	-0.01
32		trans-1,2-dichloroethene	10.000	8.600	14.0	78	0.00
33	C	1,1-dichloroethane	10.000	8.196	18.0	73	0.00
34	C	MTBE	10.000	8.634	13.7	82	0.00
35	C	vinyl acetate	10.000	5.783	42.2#	53	0.00
36	C	2-butanone	10.000	8.297	17.0	78	0.00
37		cis-1,2-dichloroethene	10.000	8.682	13.2	78	0.00
38		Ethyl Acetate	10.000	8.630	13.7	78	0.00
39	C	chloroform	10.000	10.588	-5.9	96	0.00
40		Tetrahydrofuran	10.000	8.947	10.5	85	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441212.D
Acq On : 29 Sep 2025 12:47 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-3,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 29 13:43:16 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	10.000	9.078	9.2	84	0.00
42	C	1,2-dichloroethane	10.000	9.296	7.0	82	0.00
43	I	1,4-difluorobenzene	10.000	10.000	0.0	78	0.00
44	C	hexane	10.000	11.700	-17.0	90	0.00
45		diisopropyl ether	10.000	10.148	-1.5	82	0.00
46		tert-butyl ethyl ether	10.000	10.227	-2.3	76	0.00
48	C	1,1,1-trichloroethane	10.000	10.933	-9.3	77	0.00
49		1,1-dichloropropene	10.000	10.348	-3.5	81	0.00
50	C	benzene	10.000	10.676	-6.8	81	0.00
52	C	carbon tetrachloride	10.000	12.050	-20.5	89	0.00
53		cyclohexane	10.000	11.498	-15.0	87	0.00
54		tert-amyl methyl ether	10.000	9.370	6.3	73	0.00
55		dibromomethane	10.000	10.033	-0.3	77	0.00
56	C	1,2-dichloropropane	10.000	9.586	4.1	71	0.00
57		bromodichloromethane	10.000	12.678	-26.8	96	0.00
58	C	1,4-dioxane	10.000	10.860	-8.6	82	0.00
59	C	trichloroethene	10.000	10.928	-9.3	81	0.00
60	C	2,2,4-trimethylpentane	10.000	11.799	-18.0	88	0.00
61		methyl methacrylate	10.000	9.125	8.8	70	0.00
62		heptane	10.000	10.946	-9.5	84	0.01
63	C	cis-1,3-dichloropropene	10.000	11.376	-13.8	86	0.02
64	C	4-methyl-2-pentanone	10.000	10.653	-6.5	81	0.00
65		trans-1,3-dichloropropene	10.000	12.605	-26.1	96	0.00
66	C	1,1,2-trichloroethane	10.000	10.264	-2.6	76	0.00
67	I	chlorobenzene-D5	10.000	10.000	0.0	95	0.03
68	C	toluene	10.000	8.838	11.6	81	0.00
71		1,3-dichloropropane	10.000	8.023	19.8	78	0.00
72		2-hexanone	10.000	8.254	17.5	76	0.00
74		dibromochloromethane	10.000	9.661	3.4	90	0.02
75	C	1,2-dibromoethane	10.000	8.578	14.2	79	0.00
76		butyl acetate	10.000	6.898	31.0#	70	0.03
77		octane	10.000	8.485	15.2	82	0.02
78	C	tetrachloroethene	10.000	8.863	11.4	81	0.02
79		1,1,1,2-tetrachloroethane	10.000	8.464	15.4	79	0.02
80	C	chlorobenzene	10.000	8.569	14.3	78	0.02
81	C	ethylbenzene	10.000	8.809	11.9	80	0.00
83	C	m+p-xylene	20.000	18.700	6.5	84	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441212.D
Acq On : 29 Sep 2025 12:47 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-3,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 29 13:43:16 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
84	C	bromoform	10.000	9.507	4.9	87	0.02
85	C	styrene	10.000	8.508	14.9	77	0.02
86	C	1,1,2,2-tetrachloroethane	10.000	9.935	0.6	92	0.00
87	C	o-xylene	10.000	9.799	2.0	88	0.00
88		1,2,3-trichloropropane	10.000	8.274	17.3	79	0.00
89		nonane	10.000	8.231	17.7	79	0.00
91	C	isopropylbenzene	10.000	8.033	19.7	74	0.00
92		bromobenzene	10.000	8.296	17.0	79	0.00
93		2-chlorotoluene	10.000	8.114	18.9	75	0.00
94		n-propylbenzene	10.000	8.273	17.3	78	0.02
95		4-chlorotoluene	10.000	7.923	20.8	76	0.02
96		4-ethyl toluene	10.000	8.659	13.4	79	0.02
97		1,3,5-trimethylbenzene	10.000	9.375	6.3	83	0.00
98		tert-butylbenzene	10.000	8.851	11.5	82	0.02
99		1,2,4-trimethylbenzene	10.000	9.403	6.0	78	0.02
100		decane	10.000	8.653	13.5	81	0.02
101	C	Benzyl Chloride	10.000	7.515	24.9	67	0.02
102		1,3-dichlorobenzene	10.000	9.126	8.7	80	0.03
103	C	1,4-dichlorobenzene	10.000	9.144	8.6	81	0.03
104		sec-butylbenzene	10.000	8.264	17.4	76	0.02
106		p-isopropyltoluene	10.000	9.271	7.3	84	0.02
107		1,2-dichlorobenzene	10.000	9.240	7.6	82	0.02
108		n-butylbenzene	10.000	8.931	10.7	84	0.02
111	C	1,2-dibromo-3-chloropropane	10.000	7.779	22.2	73	0.03
112		undecane	10.000	9.508	4.9	94	0.04
114		dodecane	10.000	8.313	16.9	75	0.07
115	C	1,2,4-trichlorobenzene	10.000	8.449	15.5	74	0.06
116		naphthalene	10.000	7.423	25.8	68	0.07
117		1,2,3-trichlorobenzene	10.000	7.200	28.0	66	0.07
119	C	hexachlorobutadiene	10.000	9.095	9.0	77	0.07

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 2

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441212.D
Acq On : 29 Sep 2025 12:47 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-3,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 29 13:43:16 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.217	49	301720	10.000	ppbV	0.00
Standard Area = 285983			Recovery = 105.50%			
43) 1,4-difluorobenzene	11.433	114	738805	10.000	ppbV	0.00
Standard Area = 711740			Recovery = 103.80%			
67) chlorobenzene-D5	16.100	54	147393	10.000	ppbV	0.03
Standard Area = 145769			Recovery = 101.11%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	4.132	85	469279	11.045	ppbV	100
6) chloromethane	4.300	50	192490	10.522	ppbV	98
7) Freon-114	4.408	85	519873	11.739	ppbV	98
9) vinyl chloride	4.534	62	269657	11.087	ppbV	97
10) 1,3-butadiene	4.678	54	199494	11.927	ppbV	82
13) bromomethane	4.960	94	192461	11.897	ppbV	97
14) chloroethane	5.152	64	130292	10.371	ppbV	98
15) ethanol	5.302	31	847681	57.282	ppbV	89
17) vinyl bromide	5.527	106	169179	8.520	ppbV	97
19) acetone	5.803	43	1496193	40.507	ppbV	95
21) trichlorofluoromethane	5.987	101	435695	9.642	ppbV	99
22) isopropyl alcohol	6.100	45	937527	19.857	ppbV	100
26) 1,1-dichloroethene	6.678	61	393943	9.451	ppbV	98
27) tertiary butyl alcohol	6.786	59	510278	7.830	ppbV	98
28) methylene chloride	6.816	49	277605	10.782	ppbV	95
29) 3-chloropropene	6.948	41	353164	8.272	ppbV	96
30) carbon disulfide	7.122	76	587120	8.910	ppbV	98
31) Freon 113	7.116	101	405868	8.953	ppbV #	95
32) trans-1,2-dichloroethene	7.867	61	351847	8.600	ppbV	99
33) 1,1-dichloroethane	8.092	63	441346	8.196	ppbV	99
34) MTBE	8.167	73	594634	8.634	ppbV	97
36) 2-butanone	8.533	43	509226	8.297	ppbV	97
37) cis-1,2-dichloroethene	9.033	61	351249	8.682	ppbV	97
38) Ethyl Acetate	9.300	61	92342	8.630	ppbV	77
39) chloroform	9.367	83	429685	10.588	ppbV	99
40) Tetrahydrofuran	9.817	42	288234	8.947	ppbV	98
42) 1,2-dichloroethane	10.200	62	320269	9.296	ppbV	96
44) hexane	9.283	57	478653	11.700	ppbV	94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441212.D
Acq On : 29 Sep 2025 12:47 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-3,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 29 13:43:16 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	10.492	97	401191	10.933	ppbV	99
50) benzene	11.020	78	716981	10.676	ppbV	95
52) carbon tetrachloride	11.193	117	356089	12.050	ppbV	99
53) cyclohexane	11.333	56	490509	11.498	ppbV	97
56) 1,2-dichloropropane	11.967	63	282532	9.586	ppbV	97
57) bromodichloromethane	12.187	83	435919	12.678	ppbV	100
58) 1,4-dioxane	12.247	88	166474	10.860	ppbV	92
59) trichloroethene	12.240	130	294251	10.928	ppbV	98
60) 2,2,4-trimethylpentane	12.287	57	1526416	11.799	ppbV	97
62) heptane	12.600	43	495664	10.946	ppbV	96
63) cis-1,3-dichloropropene	13.250	75	395183	11.376	ppbV	98
64) 4-methyl-2-pentanone	13.300	43	582868	10.653	ppbV	99
65) trans-1,3-dichloropropene	13.867	75	336191	12.605	ppbV	96
66) 1,1,2-trichloroethane	14.058	97	276453	10.264	ppbV	91
68) toluene	14.367	91	905359	8.838	ppbV	99
72) 2-hexanone	14.658	43	517004	8.254	ppbV	99
74) dibromochloromethane	14.808	129	398187	9.661	ppbV	100
75) 1,2-dibromoethane	15.050	107	394945	8.578	ppbV	99
78) tetrachloroethene	15.508	166	368084	8.863	ppbV	96
80) chlorobenzene	16.133	112	668215	8.569	ppbV	96
81) ethylbenzene	16.467	91	1141731	8.809	ppbV	96
83) m+p-xylene	16.625	91	1937745	18.700	ppbV	95
84) bromoform	16.700	173	371066	9.507	ppbV	100
85) styrene	16.950	104	715042	8.508	ppbV	94
86) 1,1,2,2-tetrachloroethane	17.042	83	651737	9.935	ppbV	99
87) o-xylene	17.042	91	996644	9.799	ppbV	94
96) 4-ethyl toluene	18.117	105	1139437	8.659	ppbV	96
97) 1,3,5-trimethylbenzene	18.175	105	1067607	9.375	ppbV	96
99) 1,2,4-trimethylbenzene	18.525	105	1078602	9.403	ppbV	98
101) Benzyl Chloride	18.650	91	711608	7.515	ppbV	99
102) 1,3-dichlorobenzene	18.667	146	624944	9.126	ppbV	96
103) 1,4-dichlorobenzene	18.725	146	602814	9.144	ppbV	96
107) 1,2-dichlorobenzene	19.025	146	591721	9.240	ppbV	98
115) 1,2,4-trichlorobenzene	20.583	180	371824	8.449	ppbV	97
116) naphthalene	20.708	128	763288	7.423	ppbV	98
119) hexachlorobutadiene	21.033	225	496733	9.095	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441212.D
Acq On : 29 Sep 2025 12:47 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-3,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 29 13:43:16 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

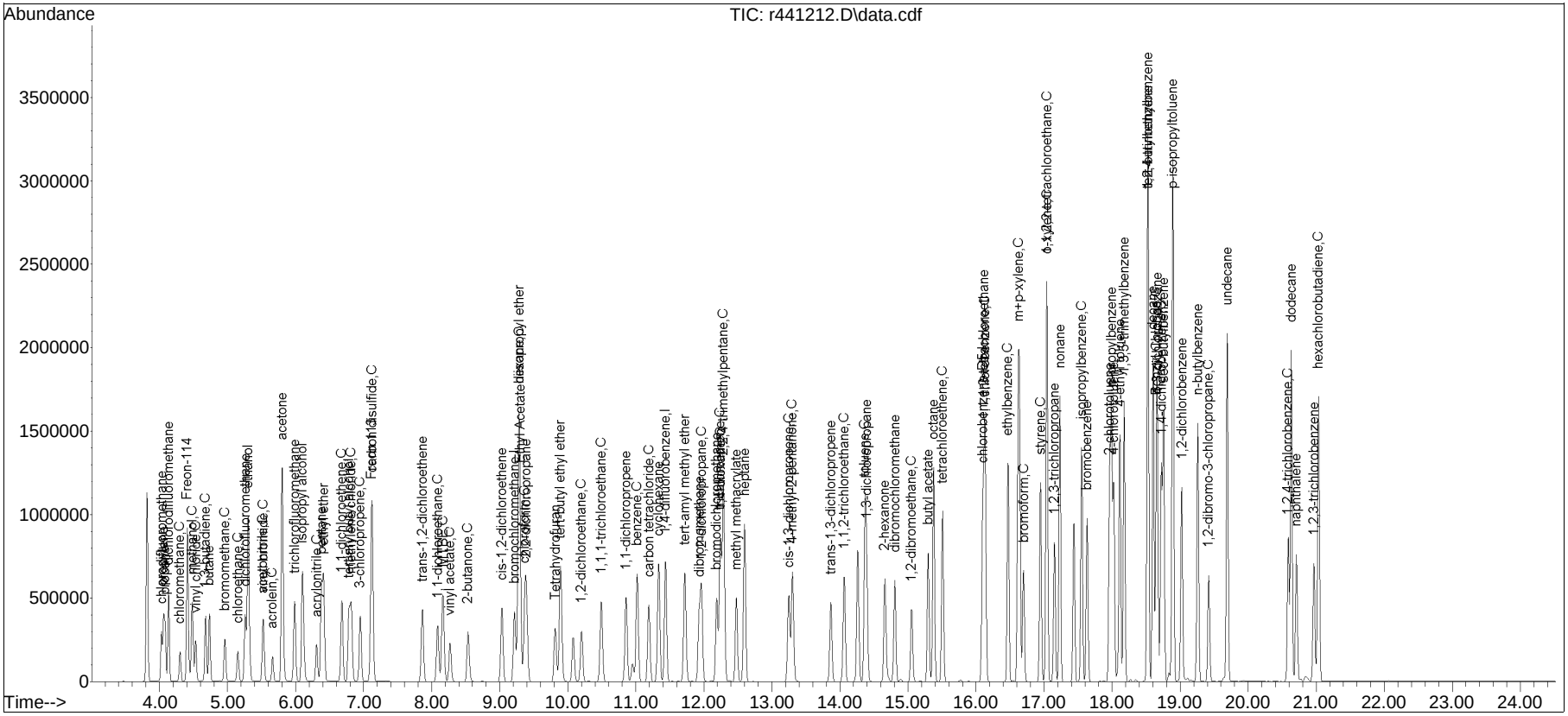
CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : Default-LCS-AP2 - All compounds listed

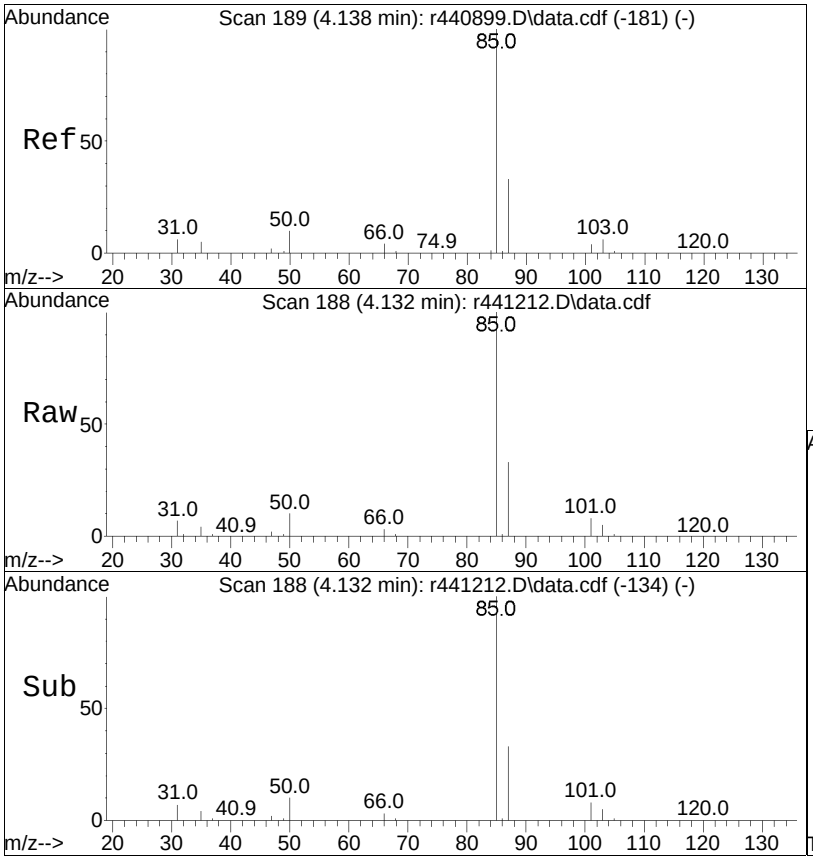
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listed\r441211.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441212.D
Acq On : 29 Sep 2025 12:47 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-3,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 29 13:43:16 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

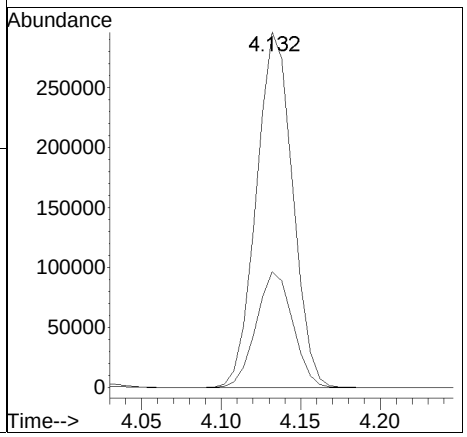


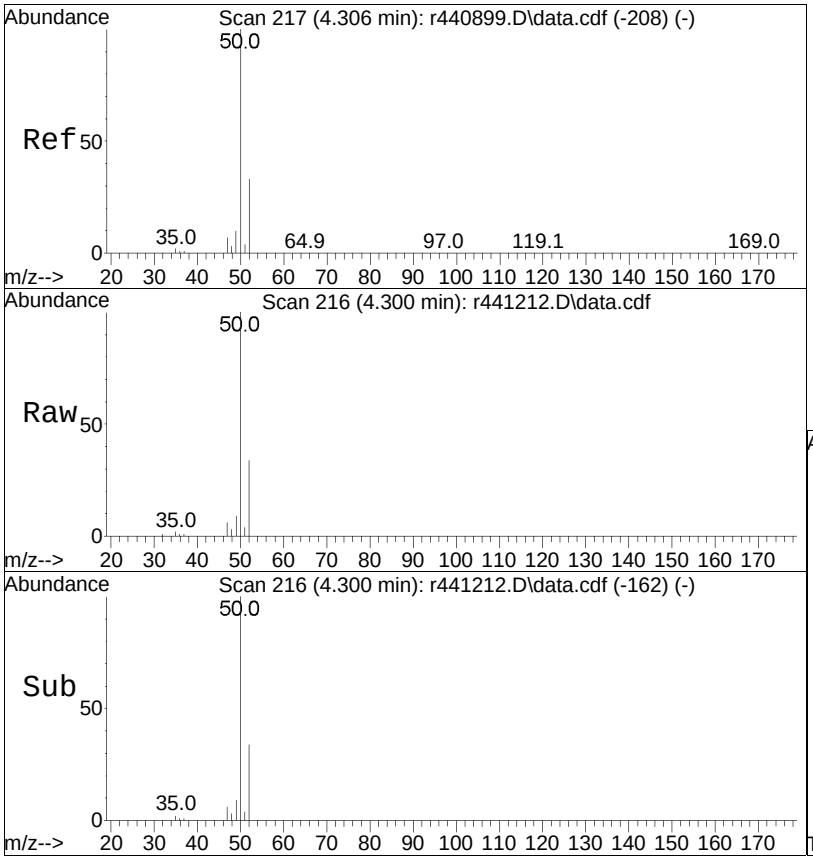


#5
dichlorodifluoromethane
Concen: 11.05 ppbV
RT: 4.132 min Scan# 188
Delta R.T. -0.006 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 85 Resp: 469279

Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.1	39.1

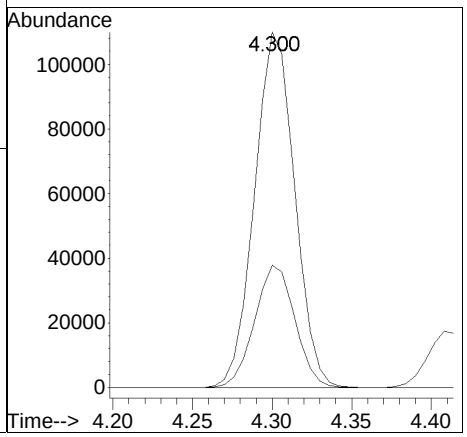


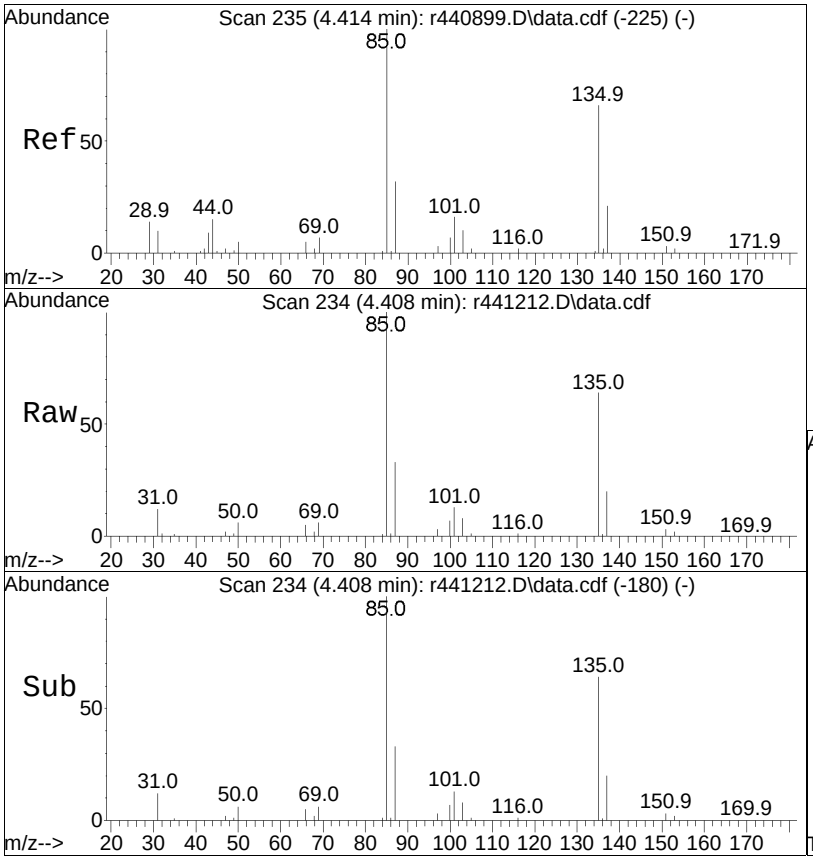


#6
chloromethane
Concen: 10.52 ppbV
RT: 4.300 min Scan# 216
Delta R.T. -0.006 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 50 Resp: 192490

Ion	Ratio	Lower	Upper
50	100		
52	34.4	26.6	40.0

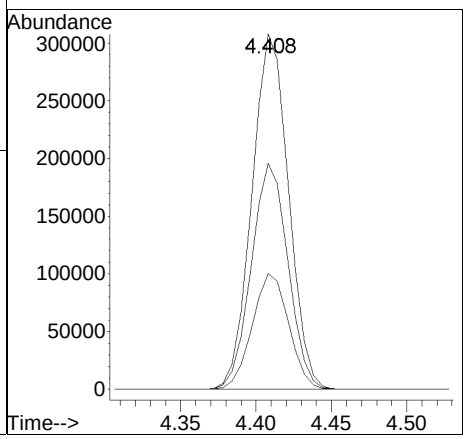


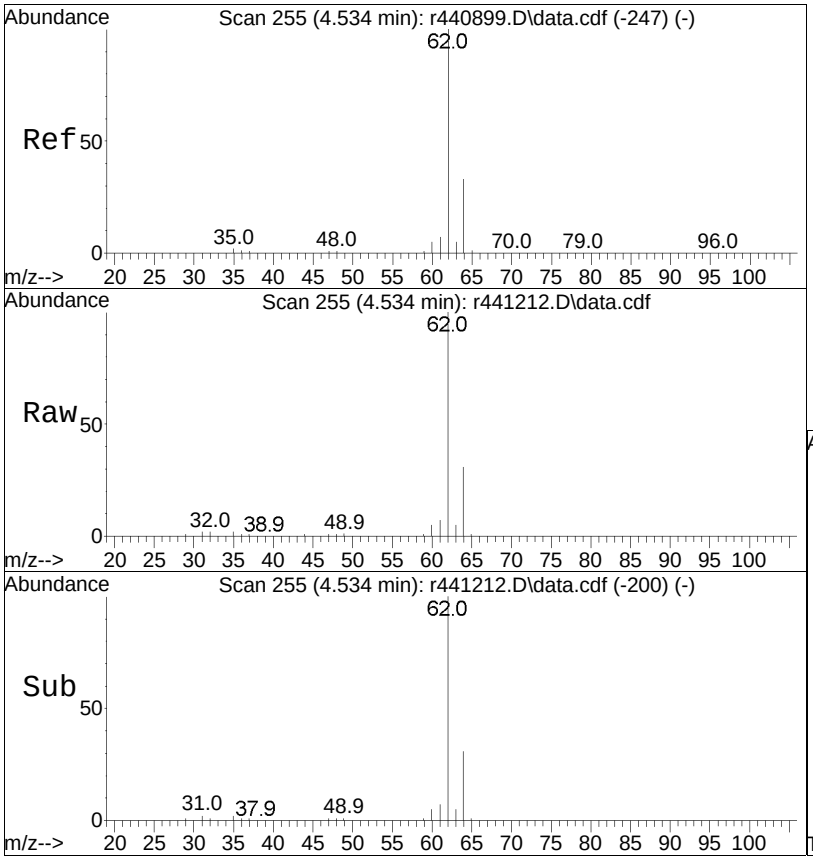


#7
Freon-114
Concen: 11.74 ppbV
RT: 4.408 min Scan# 234
Delta R.T. -0.006 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 85 Resp: 519873

Ion	Ratio	Lower	Upper
85	100		
87	32.6	25.4	38.2
135	63.6	52.5	78.7

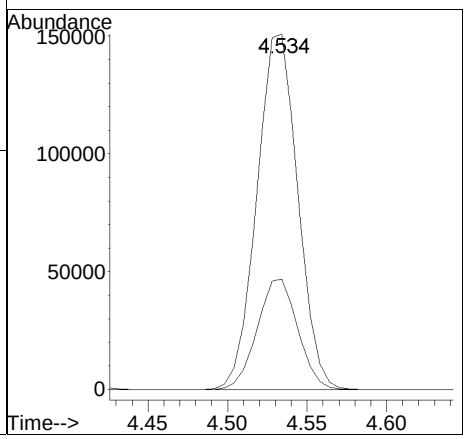


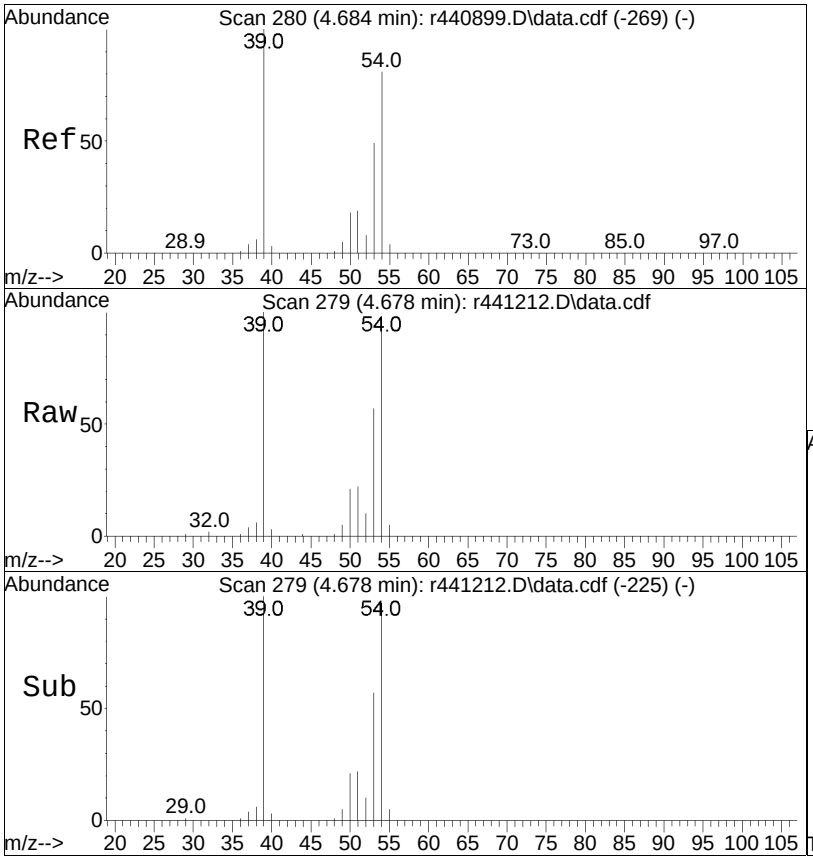


#9
vinyl chloride
Concen: 11.09 ppbV
RT: 4.534 min Scan# 255
Delta R.T. 0.000 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 62 Resp: 269657

Ion	Ratio	Lower	Upper
62	100		
64	31.0	26.0	39.0

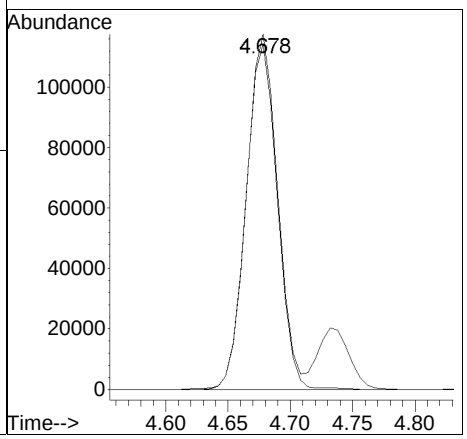


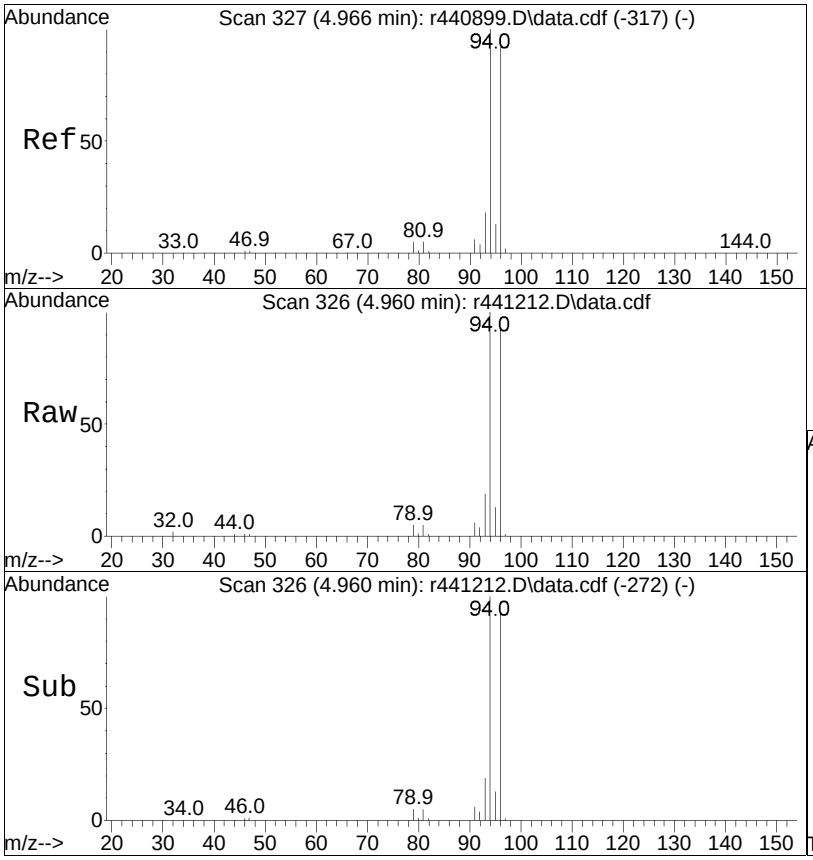


#10
1,3-butadiene
Concen: 11.93 ppbV
RT: 4.678 min Scan# 279
Delta R.T. -0.006 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 54 Resp: 199494

Ion	Ratio	Lower	Upper
54	100		
39	102.8	98.9	148.3

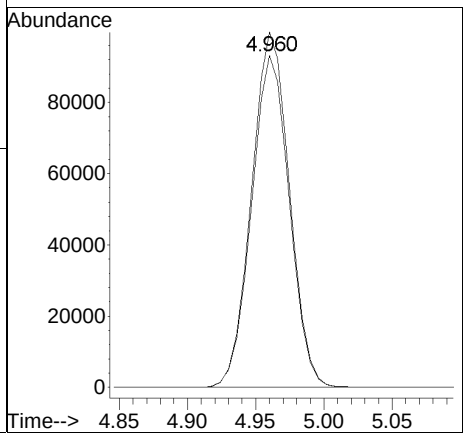


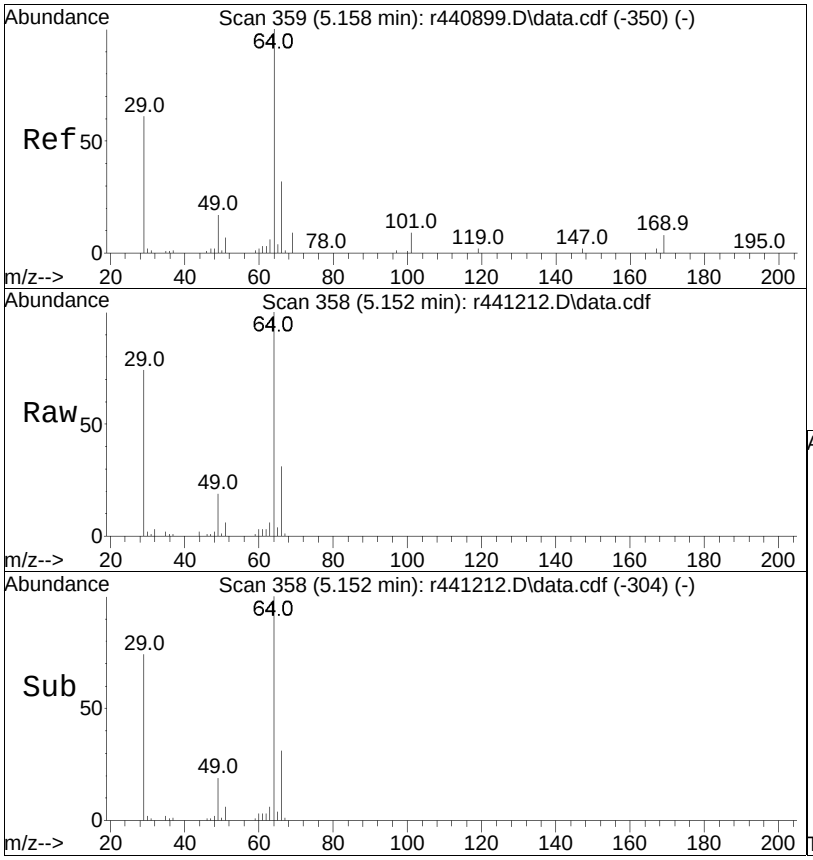


#13
bromomethane
Concen: 11.90 ppbV
RT: 4.960 min Scan# 326
Delta R.T. -0.006 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 94 Resp: 192461

Ion	Ratio	Lower	Upper
94	100		
96	93.4	76.7	115.1

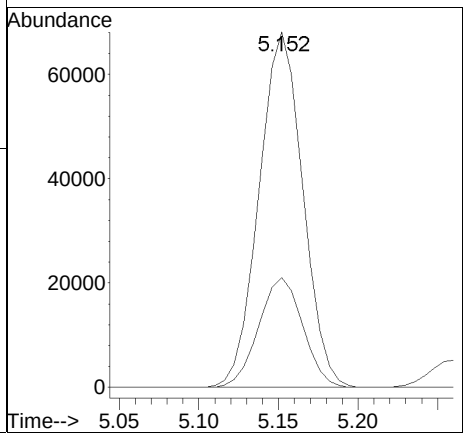


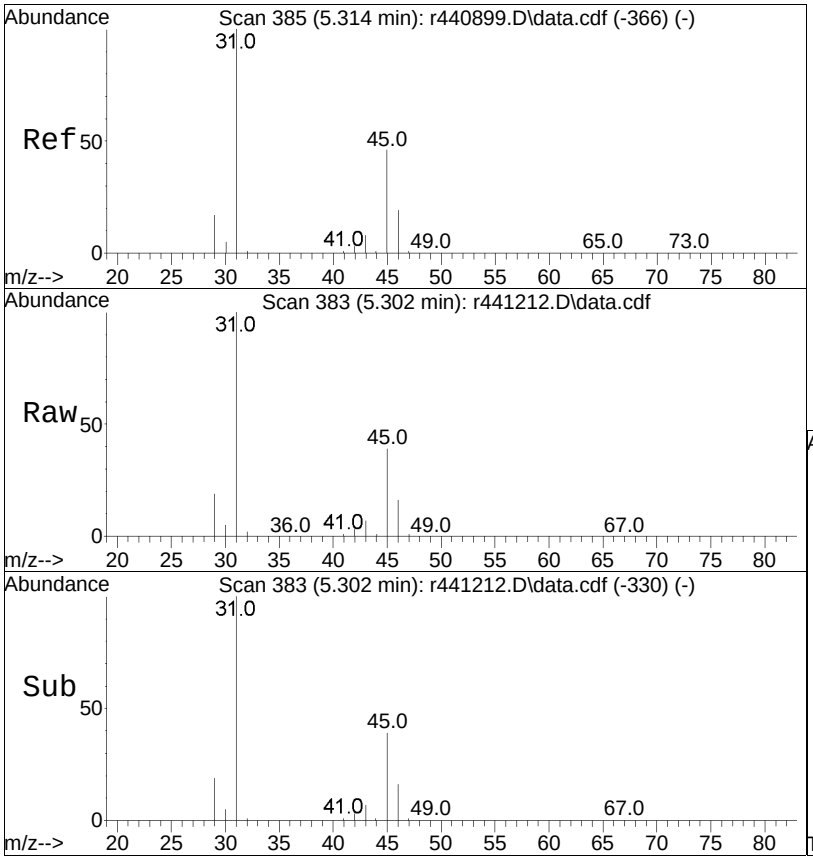


#14
chloroethane
Concen: 10.37 ppbV
RT: 5.152 min Scan# 358
Delta R.T. -0.006 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 64 Resp: 130292

Ion	Ratio	Lower	Upper
64	100		
66	30.9	25.7	38.5

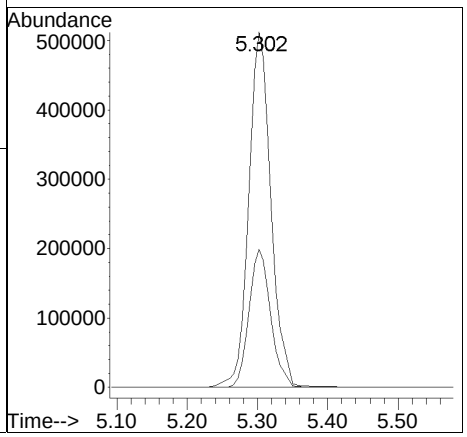


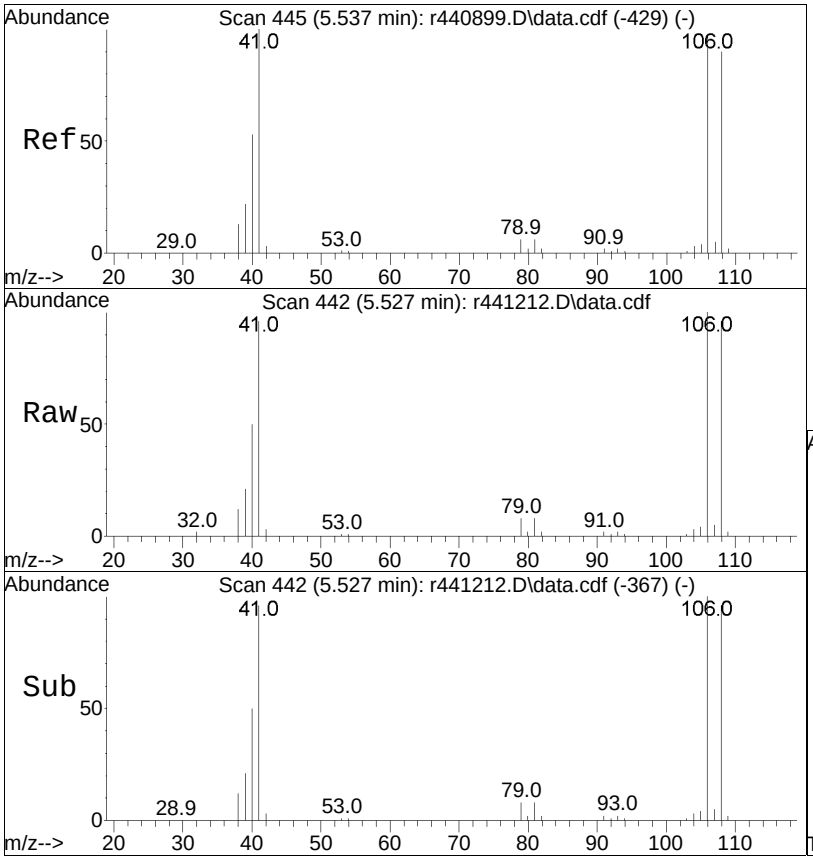


#15
ethanol
Concen: 57.28 ppbV
RT: 5.302 min Scan# 383
Delta R.T. -0.012 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 31 Resp: 847681

Ion	Ratio	Lower	Upper
31	100		
45	38.9	37.1	55.7

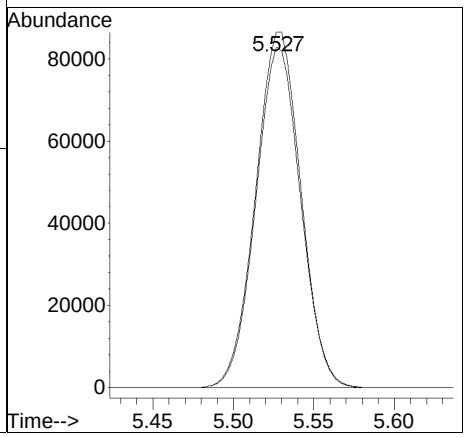


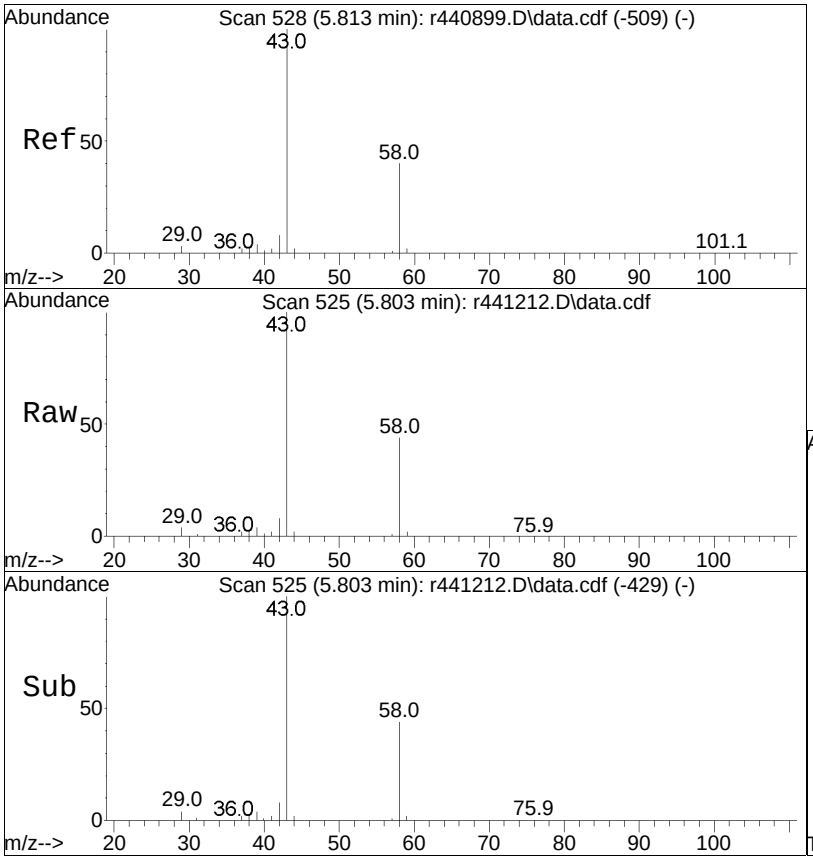


#17
vinyl bromide
Concen: 8.52 ppbV
RT: 5.527 min Scan# 442
Delta R.T. -0.010 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:106 Resp: 169179

Ion	Ratio	Lower	Upper
106	100		
108	95.8	74.6	111.8

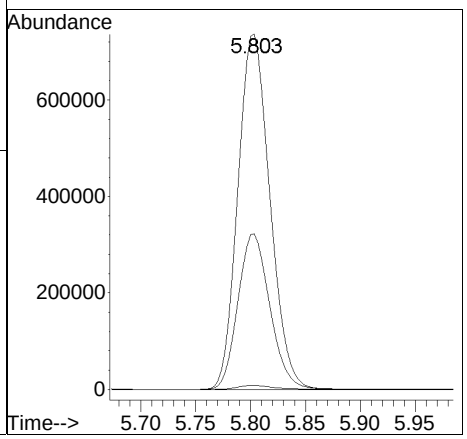


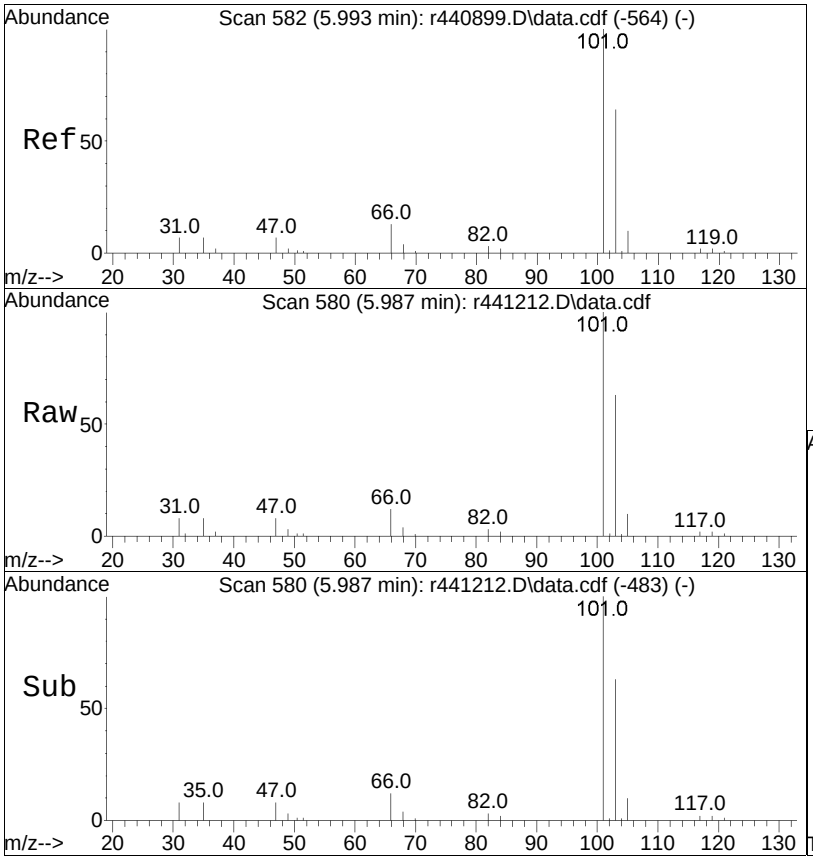


#19
acetone
Concen: 40.51 ppbV
RT: 5.803 min Scan# 525
Delta R.T. -0.010 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 43 Resp: 1496193

Ion	Ratio	Lower	Upper
43	100		
58	43.8	32.2	48.4
57	1.2	0.9	1.3

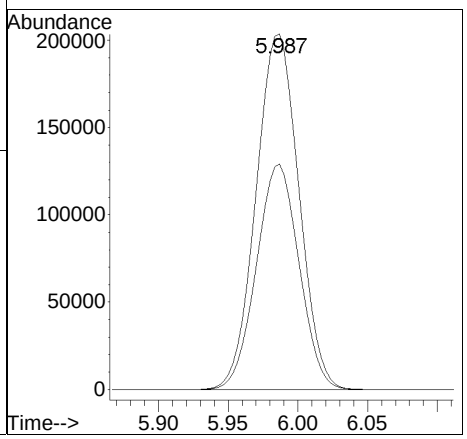


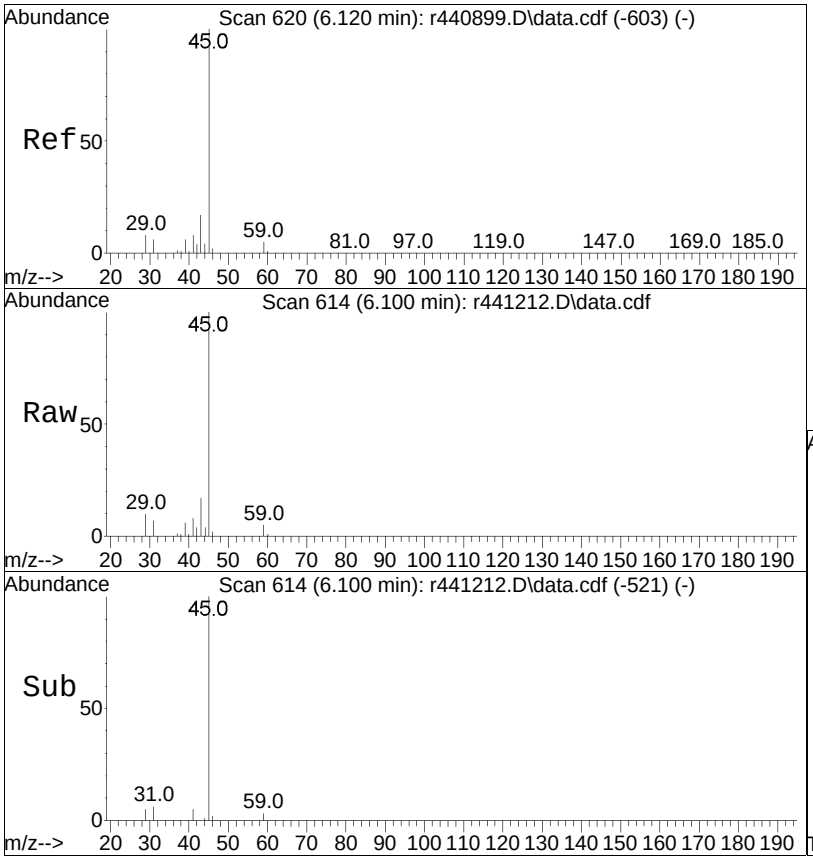


#21
trichlorofluoromethane
Concen: 9.64 ppbV
RT: 5.987 min Scan# 580
Delta R.T. -0.007 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:101 Resp: 435695

Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.1	76.7

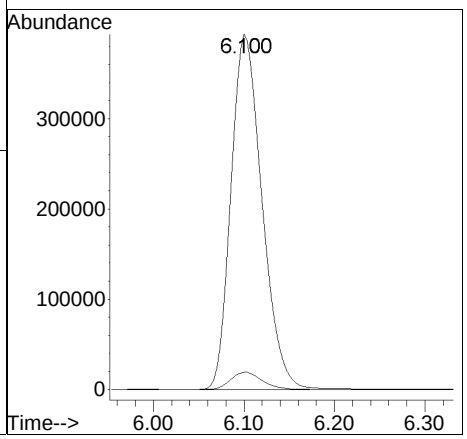


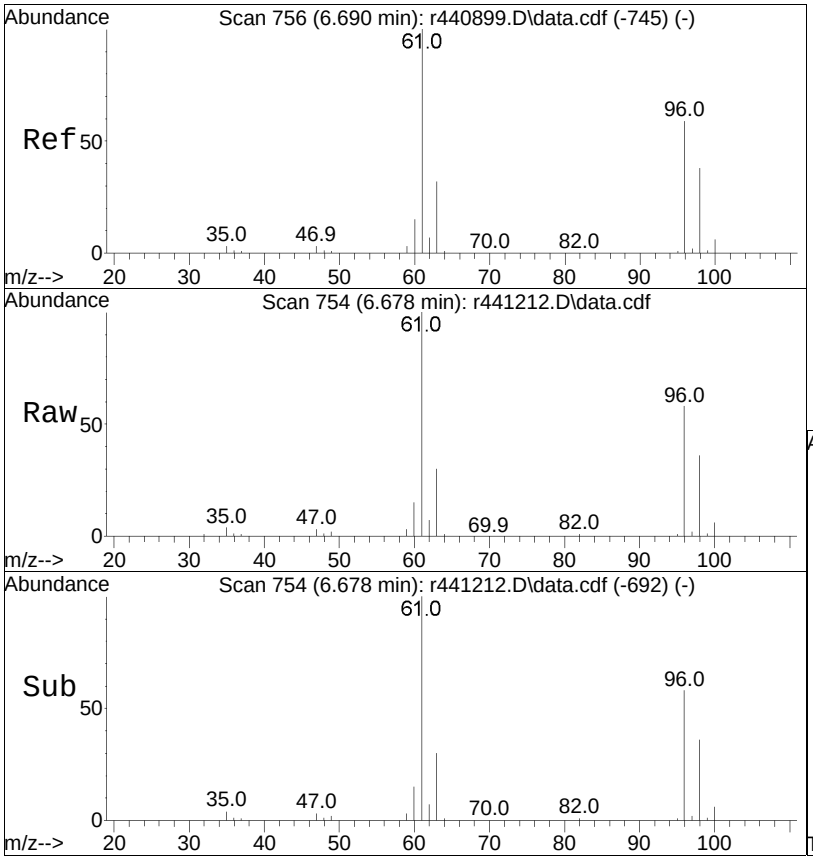


#22
isopropyl alcohol
Concen: 19.86 ppbV
RT: 6.100 min Scan# 614
Delta R.T. -0.020 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 45 Resp: 937527

Ion	Ratio	Lower	Upper
45	100		
59	4.8	3.8	5.6

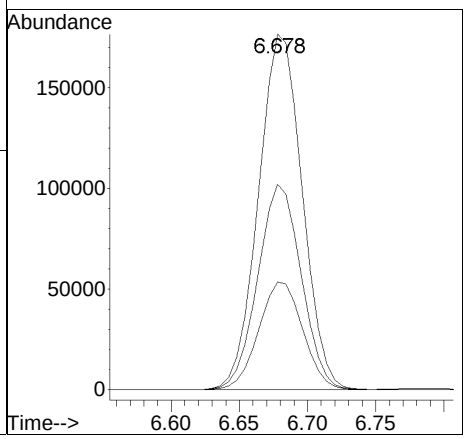


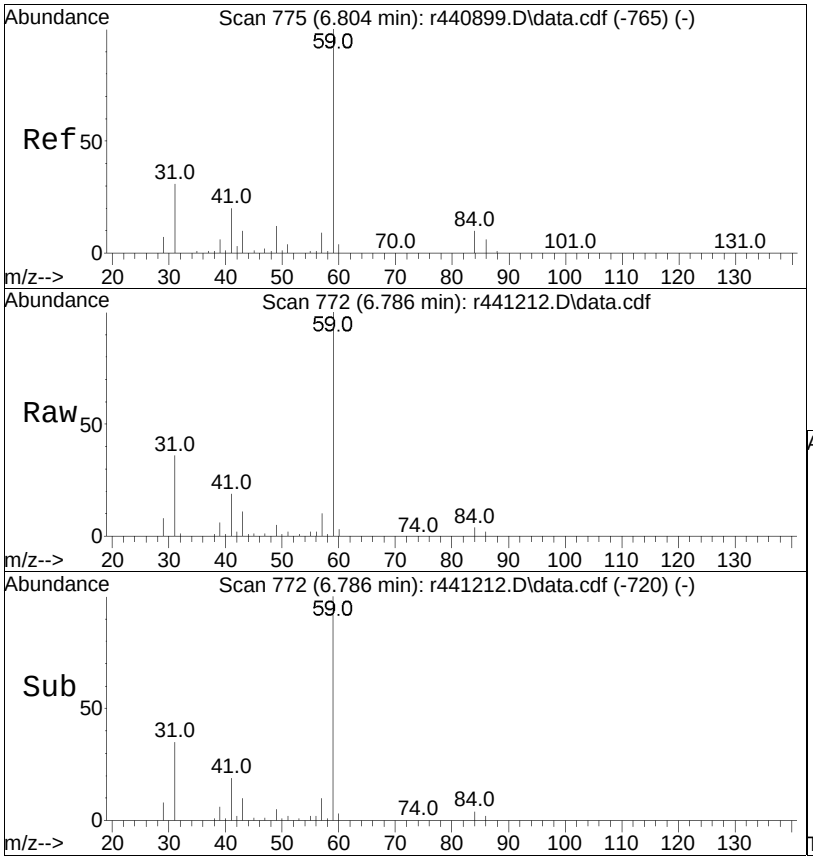


#26
1,1-dichloroethene
Concen: 9.45 ppbV
RT: 6.678 min Scan# 754
Delta R.T. -0.012 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 61 Resp: 393943

Ion	Ratio	Lower	Upper
61	100		
96	57.7	47.0	70.6
63	30.2	25.7	38.5

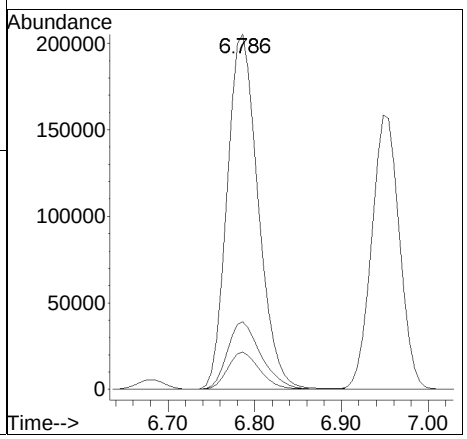


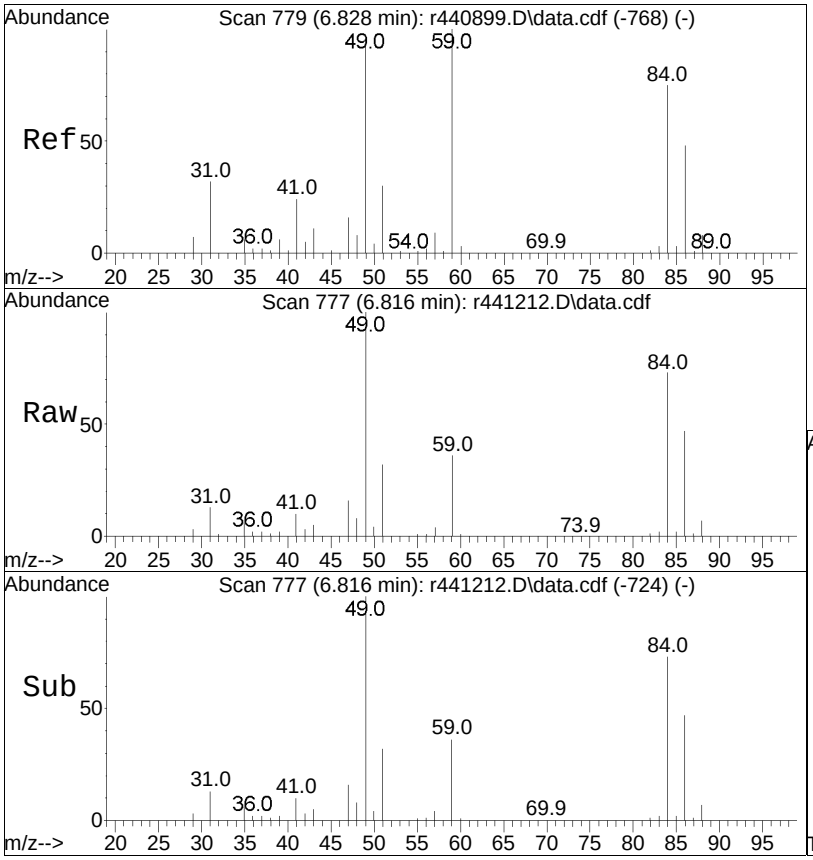


#27
tertiary butyl alcohol
Concen: 7.83 ppbV
RT: 6.786 min Scan# 772
Delta R.T. -0.018 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 59 Resp: 510278

Ion	Ratio	Lower	Upper
59	100		
41	19.0	15.9	23.9
43	10.5	8.1	12.1

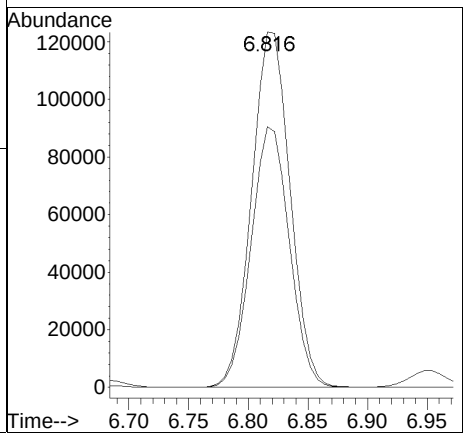


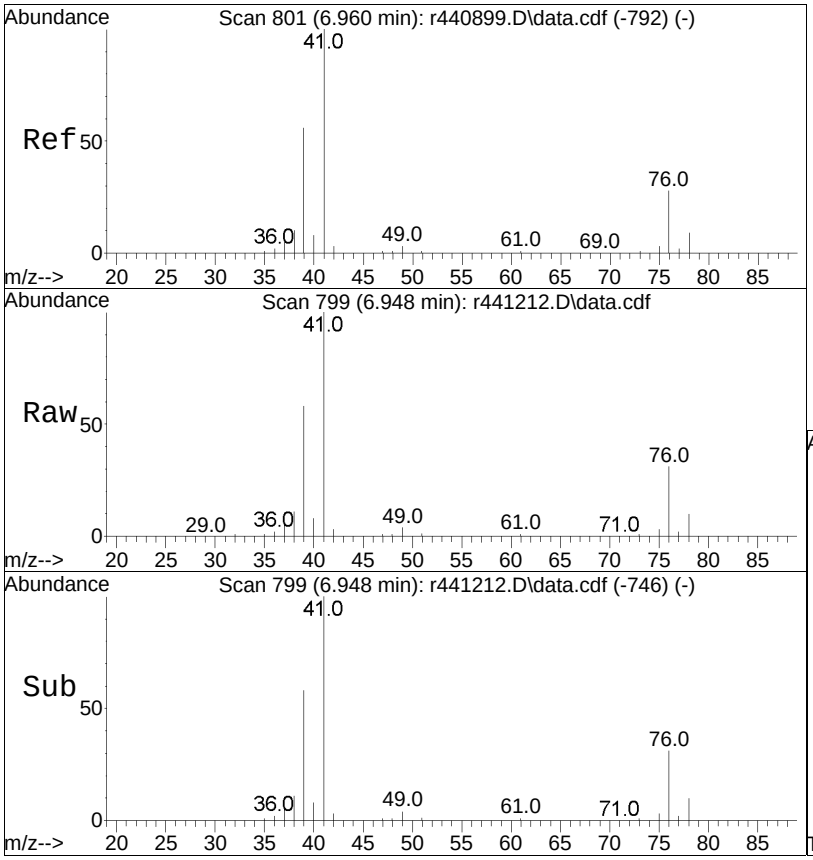


#28
methylene chloride
Concen: 10.78 ppbV
RT: 6.816 min Scan# 777
Delta R.T. -0.012 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 49 Resp: 277605

Ion	Ratio	Lower	Upper
49	100		
84	73.3	62.1	93.1

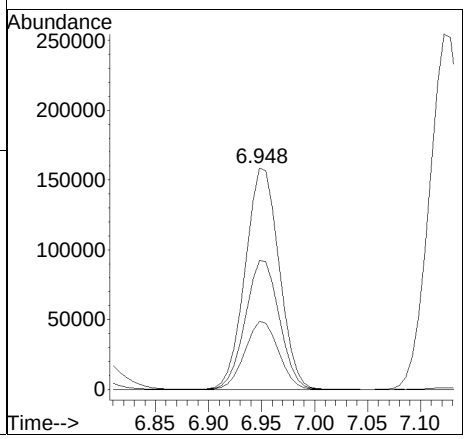


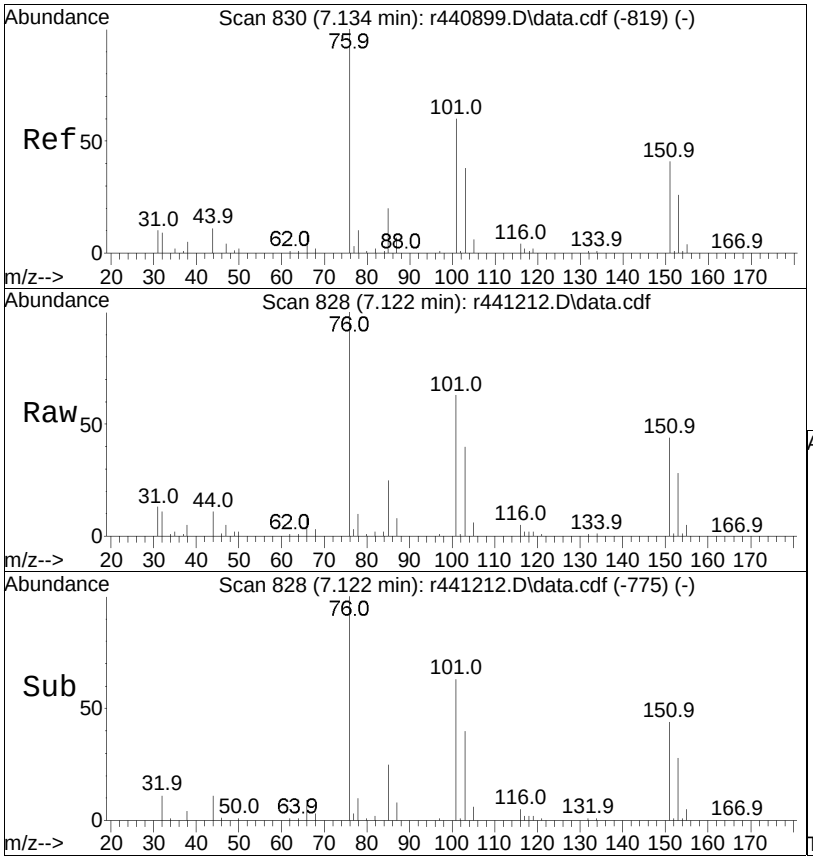


#29
3-chloropropene
Concen: 8.27 ppbV
RT: 6.948 min Scan# 799
Delta R.T. -0.012 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 41 Resp: 353164

Ion	Ratio	Lower	Upper
41	100		
39	58.3	44.7	67.1
76	30.8	22.6	33.8

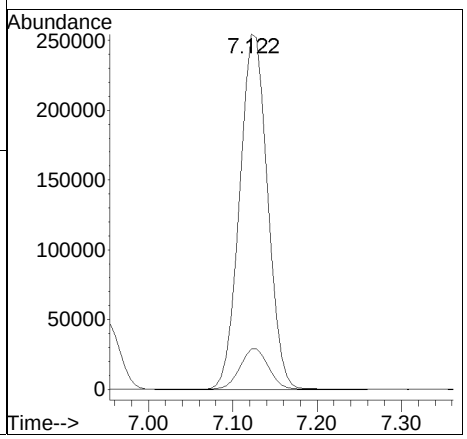


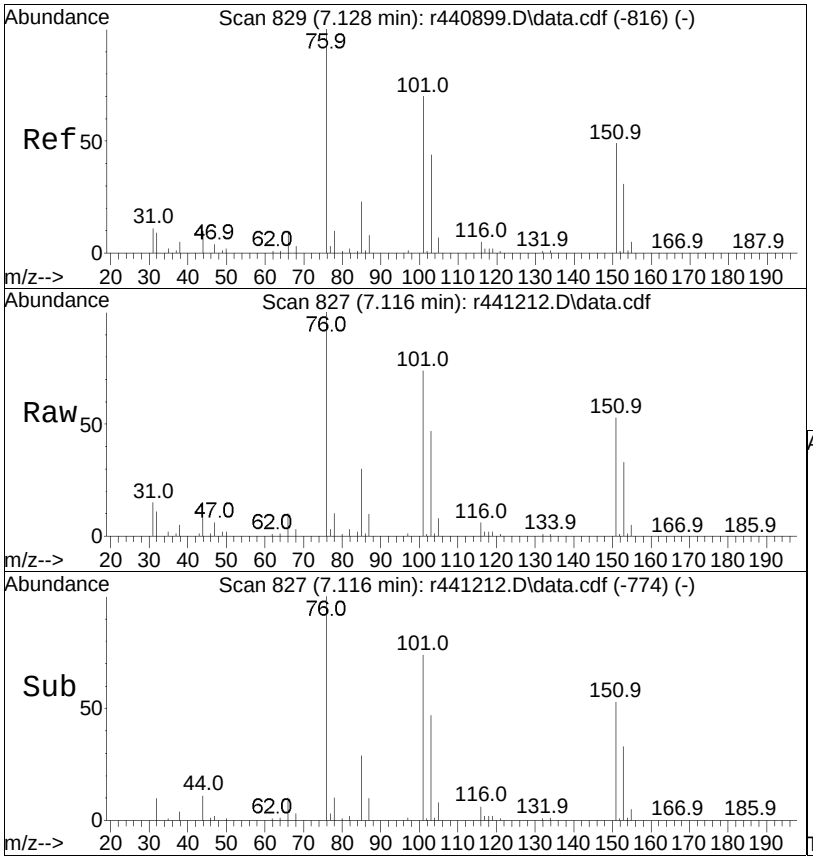


#30
carbon disulfide
Concen: 8.91 ppbV
RT: 7.122 min Scan# 828
Delta R.T. -0.012 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 76 Resp: 587120

Ion	Ratio	Lower	Upper
76	100		
44	11.4	8.6	12.8

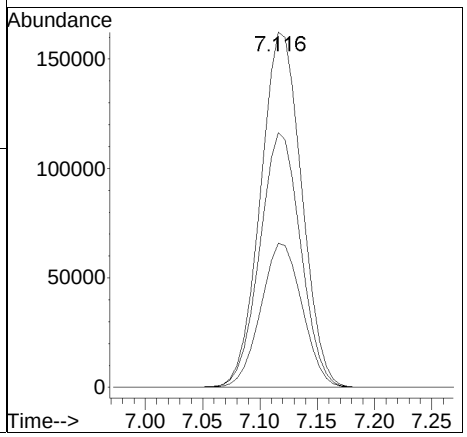


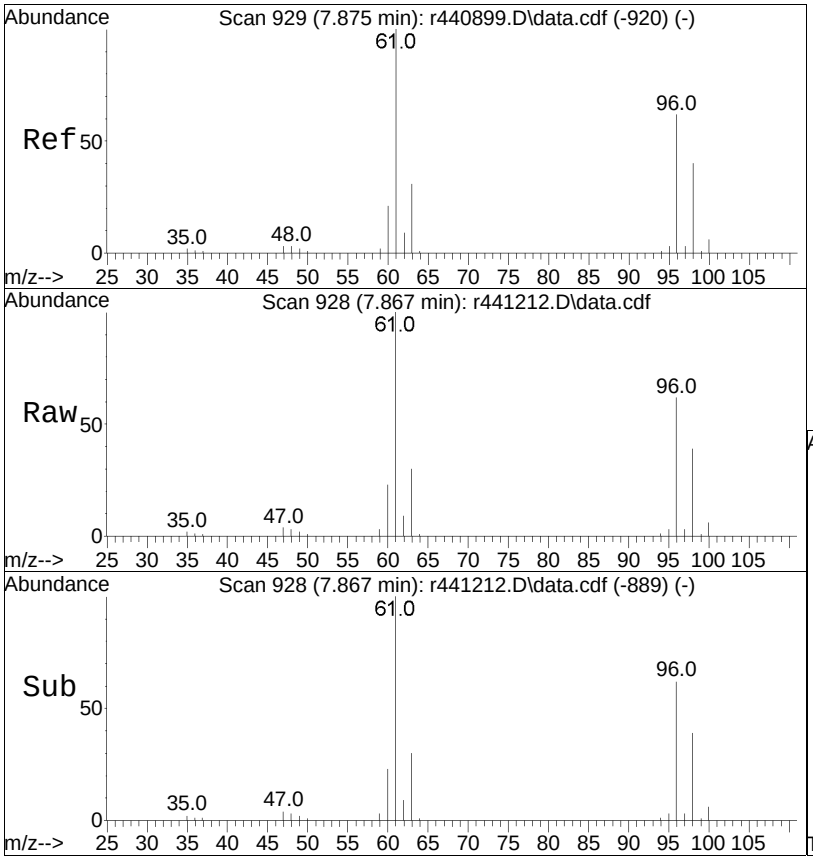


#31
Freon 113
Concen: 8.95 ppbV
RT: 7.116 min Scan# 827
Delta R.T. -0.012 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:101 Resp: 405868

Ion	Ratio	Lower	Upper
101	100		
85	40.5	27.0	40.4#
151	71.7	56.2	84.2

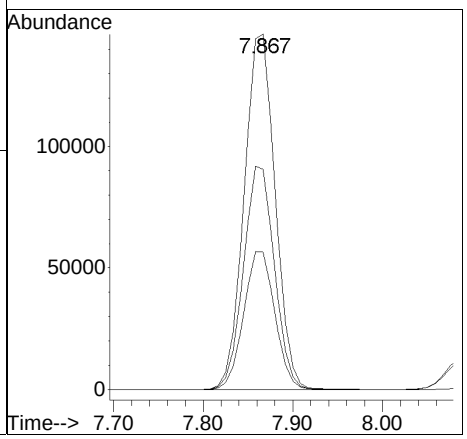


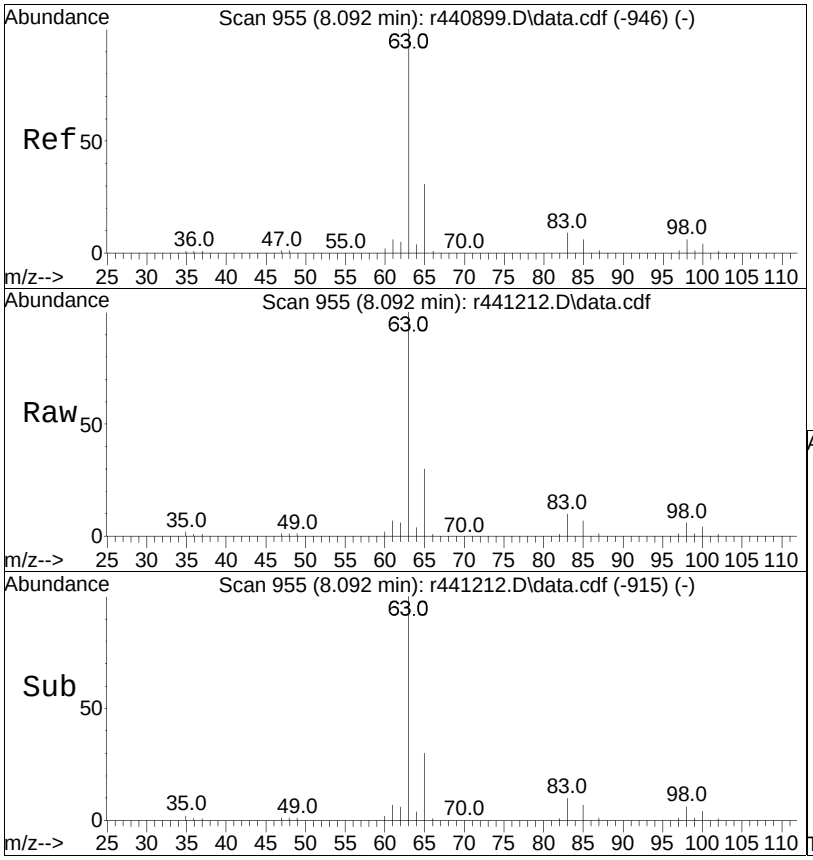


#32
trans-1,2-dichloroethene
Concen: 8.60 ppbV
RT: 7.867 min Scan# 928
Delta R.T. -0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 61 Resp: 351847

Ion	Ratio	Lower	Upper
61	100		
96	61.9	49.4	74.2
98	38.6	31.6	47.4

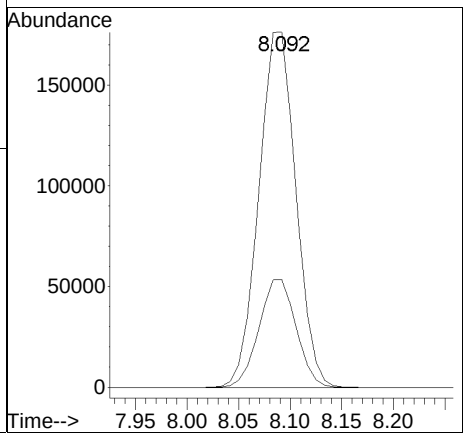


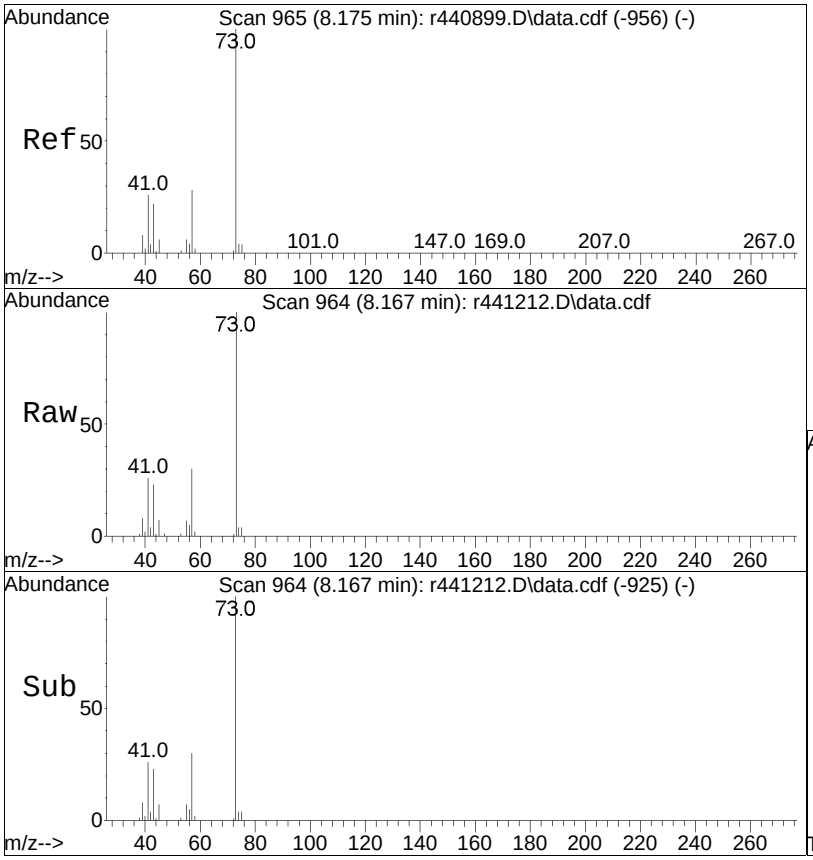


#33
1,1-dichloroethane
Concen: 8.20 ppbV
RT: 8.092 min Scan# 955
Delta R.T. 0.000 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 63 Resp: 441346

Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.6	36.8

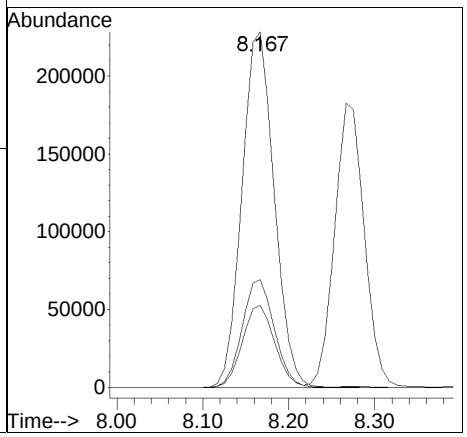


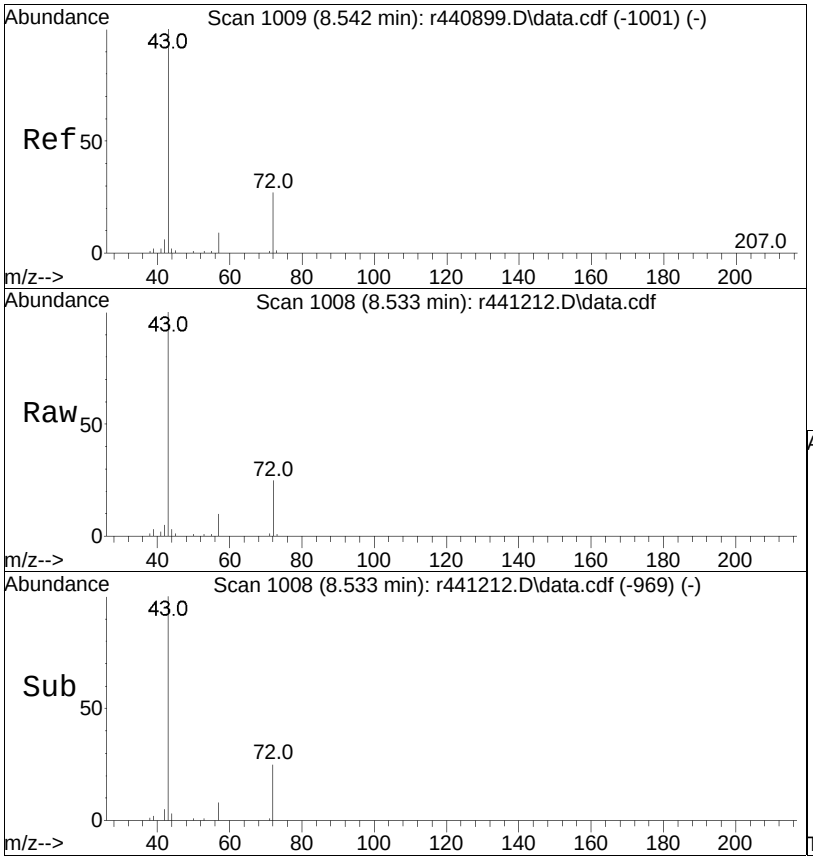


#34
MTBE
Concen: 8.63 ppbV
RT: 8.167 min Scan# 964
Delta R.T. -0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 73 Resp: 594634

Ion	Ratio	Lower	Upper
73	100		
57	30.3	22.5	33.7
43	23.1	17.7	26.5

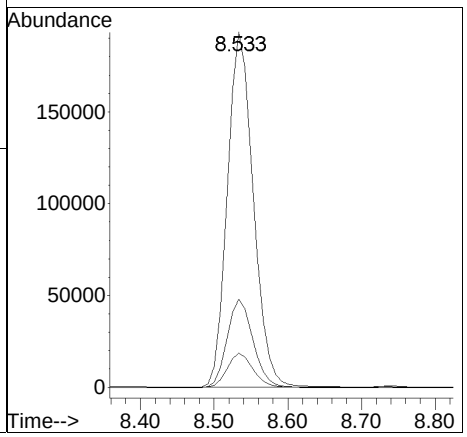


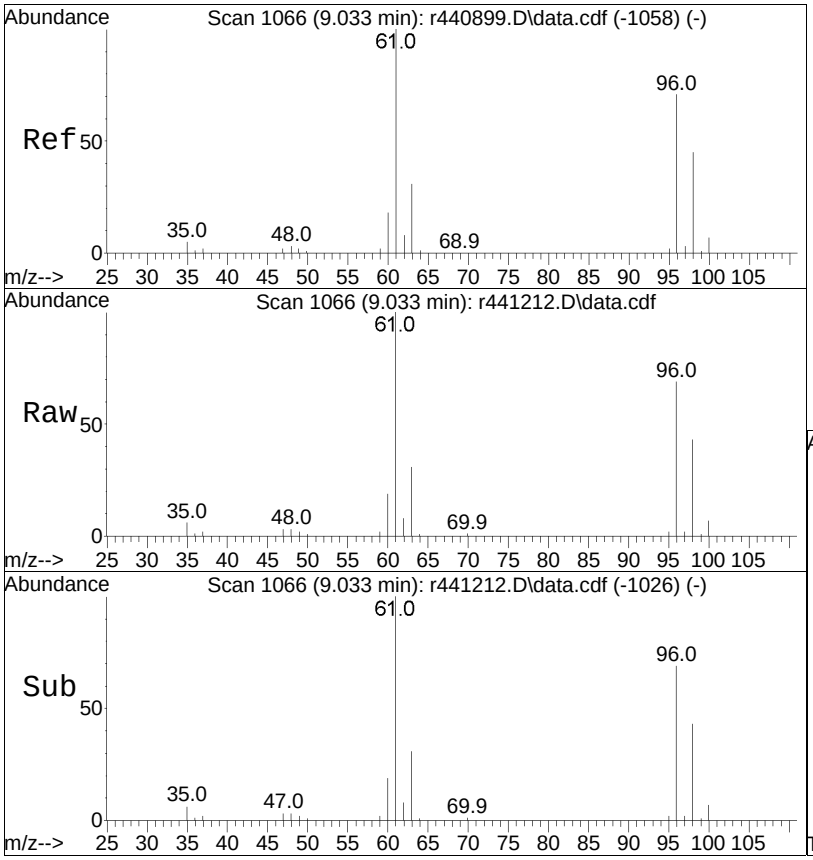


#36
2-butanone
Concen: 8.30 ppbV
RT: 8.533 min Scan# 1008
Delta R.T. -0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 43 Resp: 509226

Ion	Ratio	Lower	Upper
43	100		
72	24.8	21.3	31.9
57	9.6	7.2	10.8

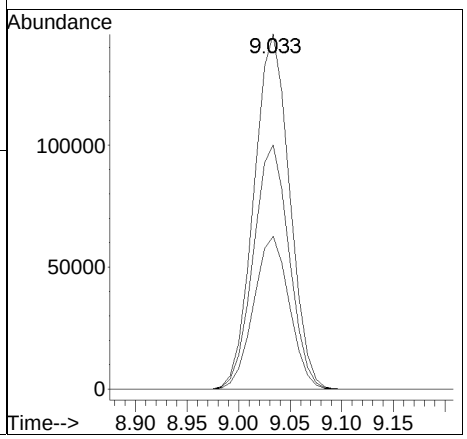


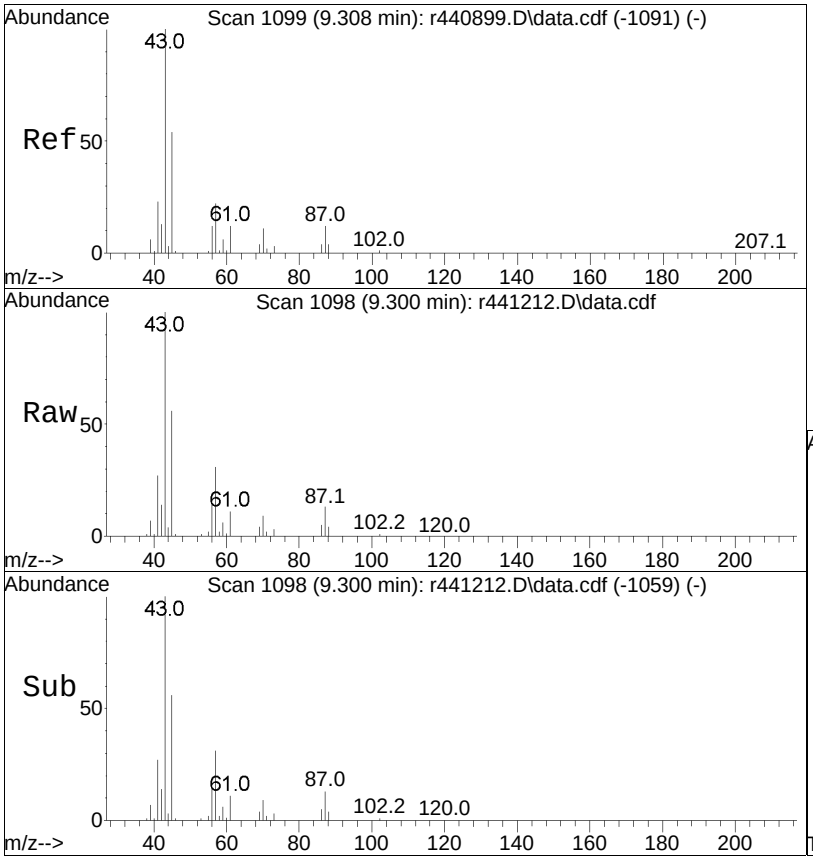


#37
cis-1,2-dichloroethene
Concen: 8.68 ppbV
RT: 9.033 min Scan# 1066
Delta R.T. 0.000 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 61 Resp: 351249

Ion	Ratio	Lower	Upper
61	100		
96	68.8	56.7	85.1
98	43.1	36.0	54.0

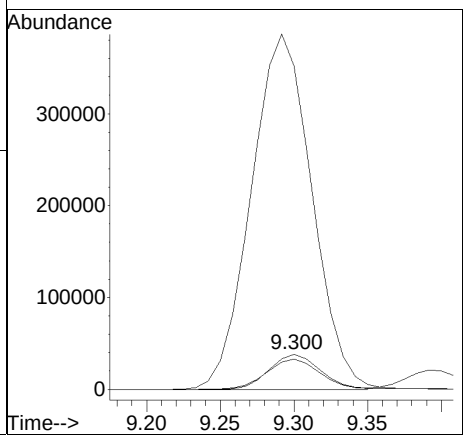


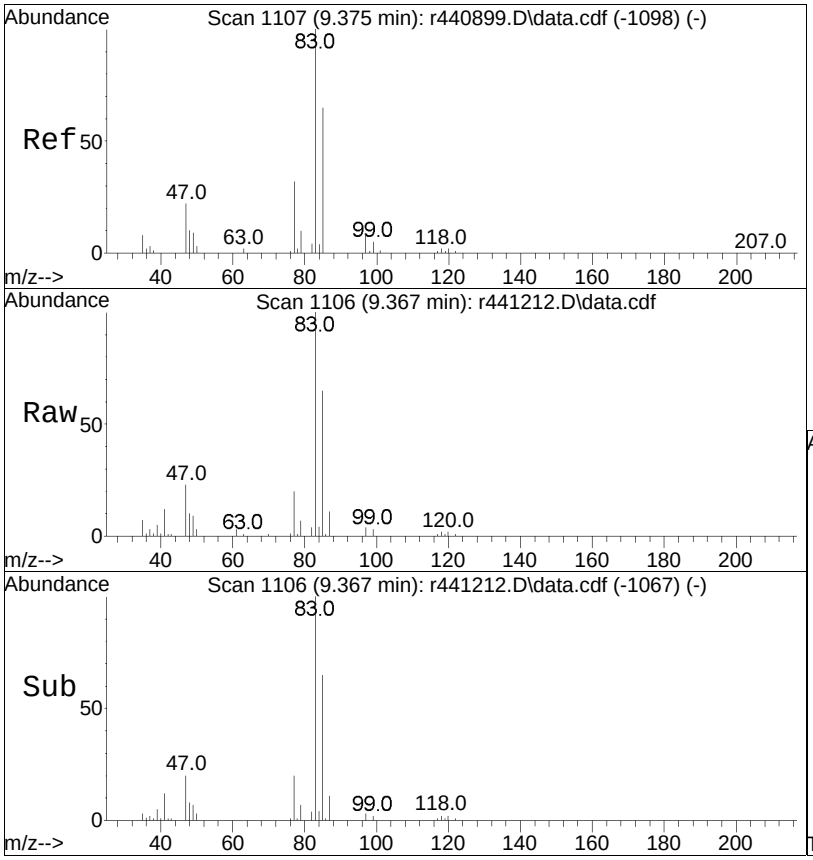


#38
Ethyl Acetate
Concen: 8.63 ppbV
RT: 9.300 min Scan# 1098
Delta R.T. -0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 61 Resp: 92342

Ion	Ratio	Lower	Upper
61	100		
70	86.8	73.2	109.8
43	922.3	660.2	990.4

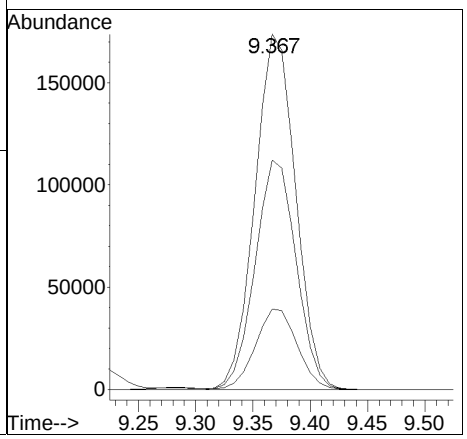


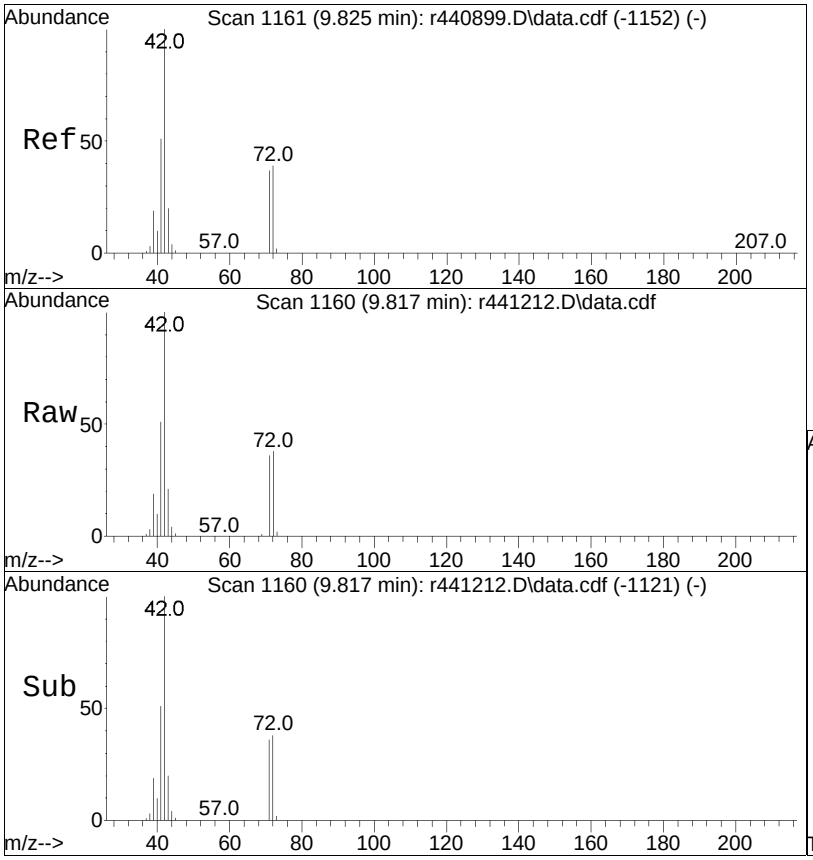


#39
chloroform
Concen: 10.59 ppbV
RT: 9.367 min Scan# 1106
Delta R.T. -0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 83 Resp: 429685

Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.5	78.7
47	22.7	18.2	27.4

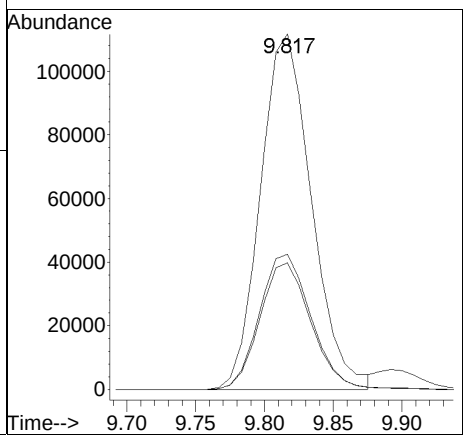


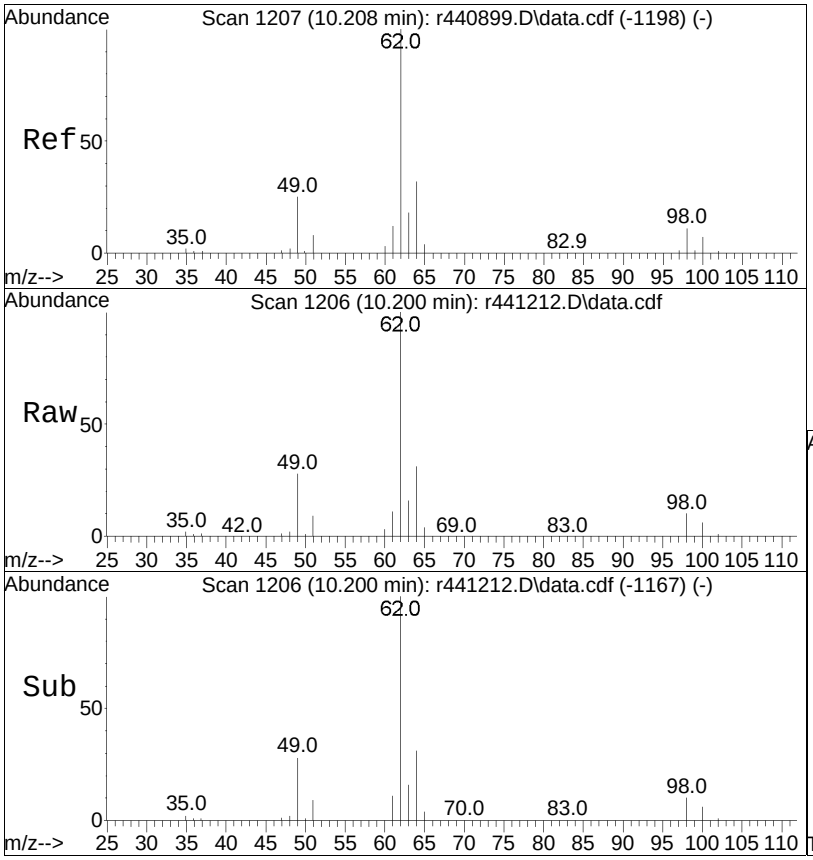


#40
Tetrahydrofuran
Concen: 8.95 ppbV
RT: 9.817 min Scan# 1160
Delta R.T. -0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 42 Resp: 288234

Ion	Ratio	Lower	Upper
42	100		
71	35.6	29.7	44.5
72	38.1	31.1	46.7

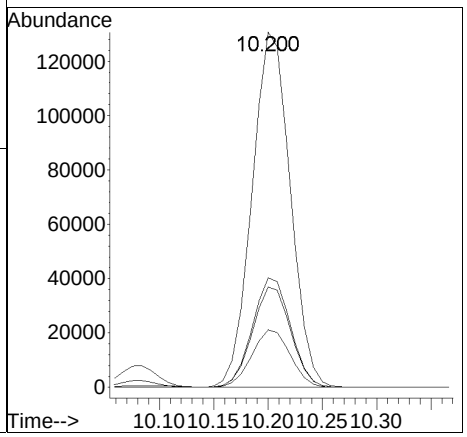


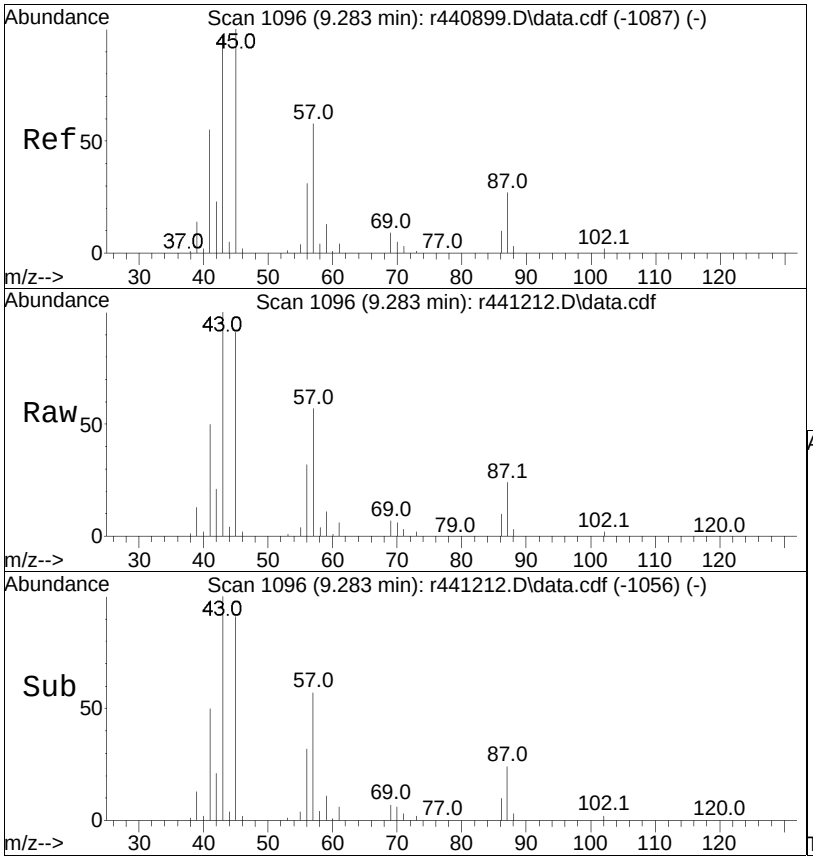


#42
1,2-dichloroethane
Concen: 9.30 ppbV
RT: 10.200 min Scan# 1206
Delta R.T. -0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 62 Resp: 320269

Ion	Ratio	Lower	Upper
62	100		
64	30.9	25.4	38.0
49	28.2	20.0	30.0
63	16.2	14.6	21.8

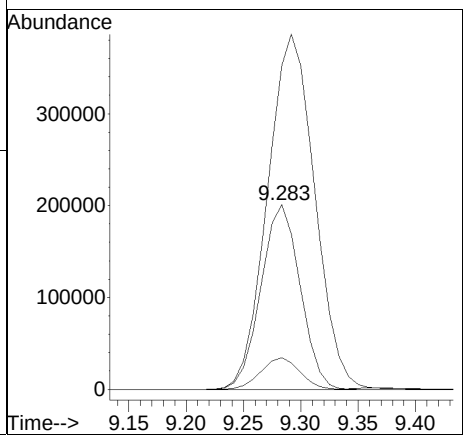


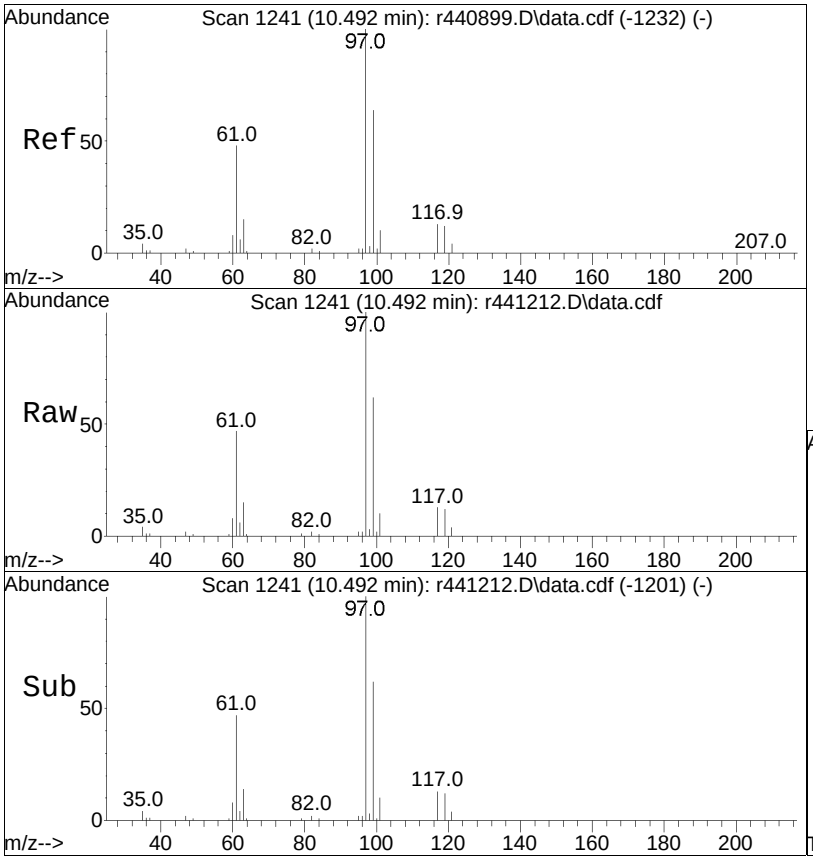


#44
hexane
Concen: 11.70 ppbV
RT: 9.283 min Scan# 1096
Delta R.T. 0.000 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 57 Resp: 478653

Ion	Ratio	Lower	Upper
57	100		
43	175.3	133.6	200.4
86	17.2	13.8	20.6

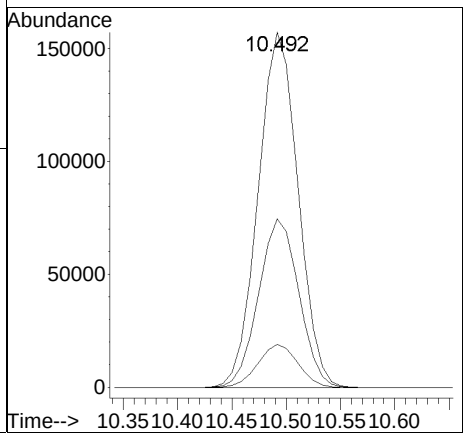


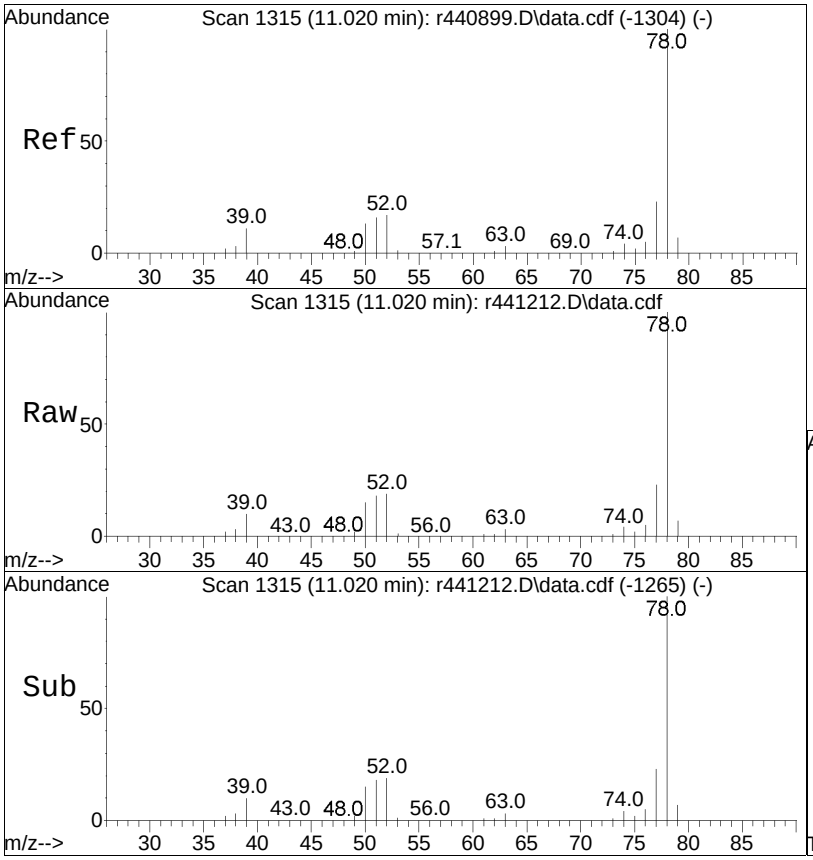


#48
1,1,1-trichloroethane
Concen: 10.93 ppbV
RT: 10.492 min Scan# 1241
Delta R.T. 0.000 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 97 Resp: 401191

Ion	Ratio	Lower	Upper
97	100		
61	47.4	38.7	58.1
119	12.1	10.0	15.0

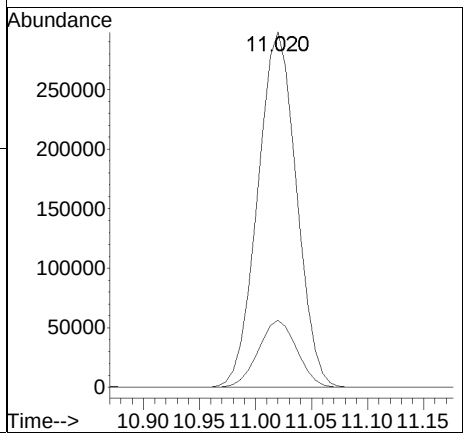


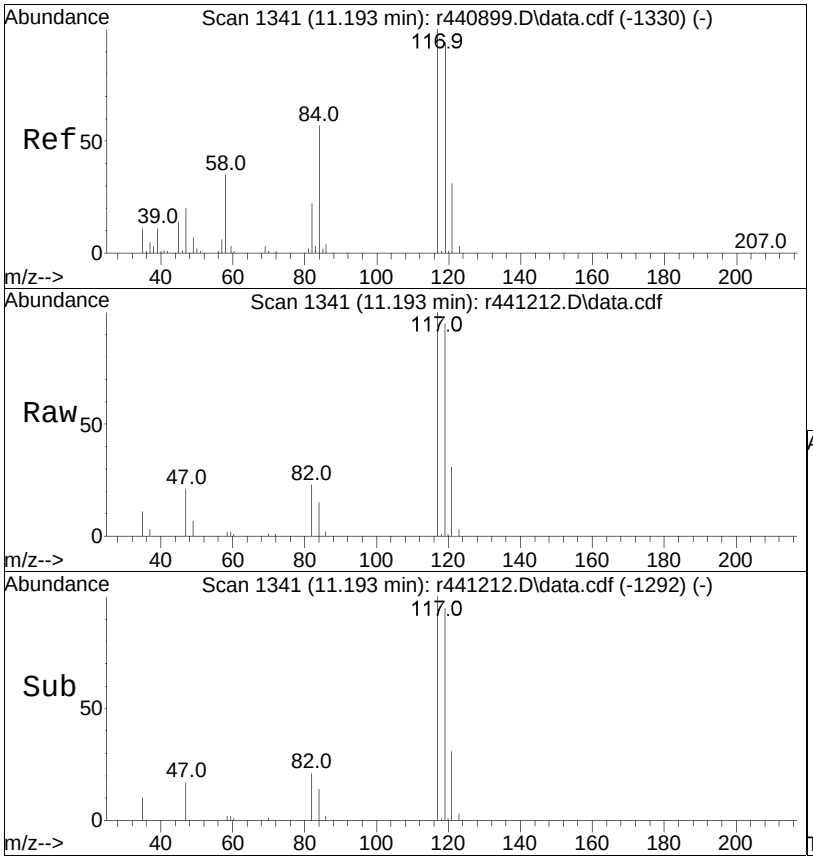


#50
benzene
Concen: 10.68 ppbV
RT: 11.020 min Scan# 1315
Delta R.T. 0.000 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 78 Resp: 716981

Ion	Ratio	Lower	Upper
78	100		
52	18.9	13.5	20.3

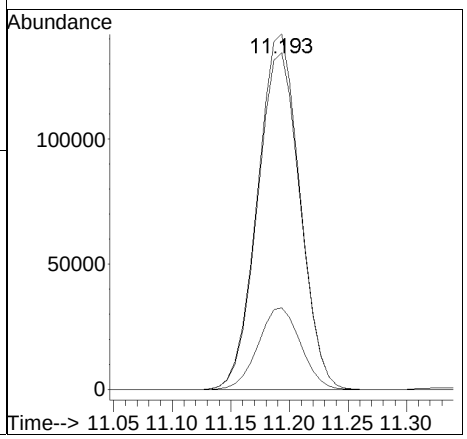


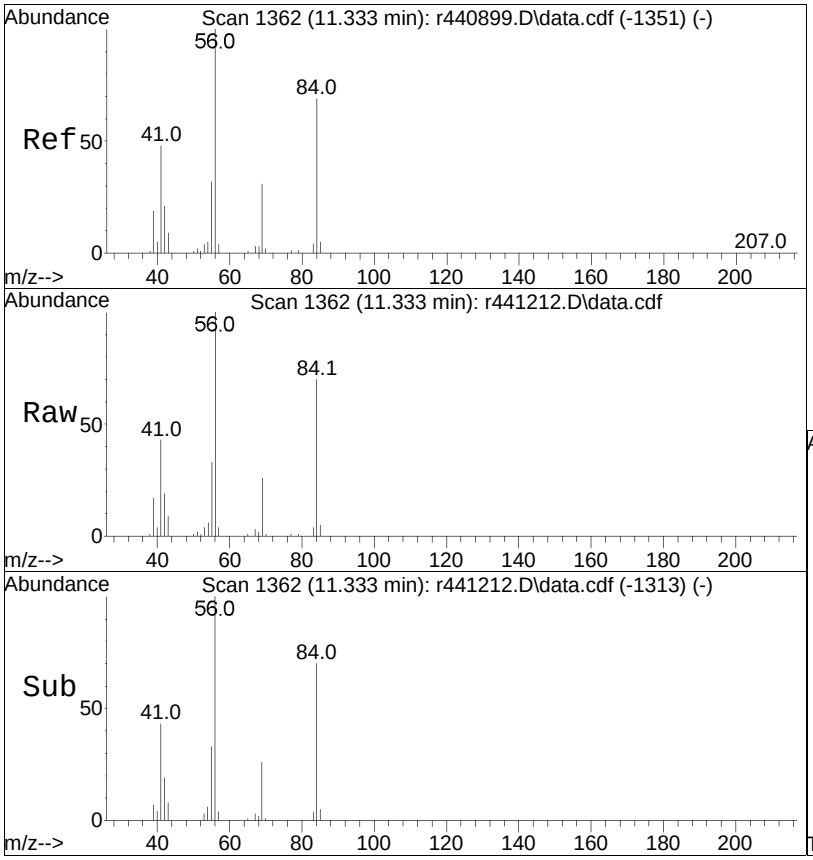


#52
carbon tetrachloride
Concen: 12.05 ppbV
RT: 11.193 min Scan# 1341
Delta R.T. 0.000 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:117 Resp: 356089

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.4	113.0
82	23.0	17.9	26.9

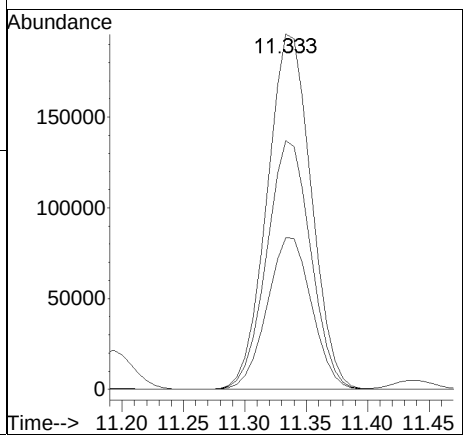


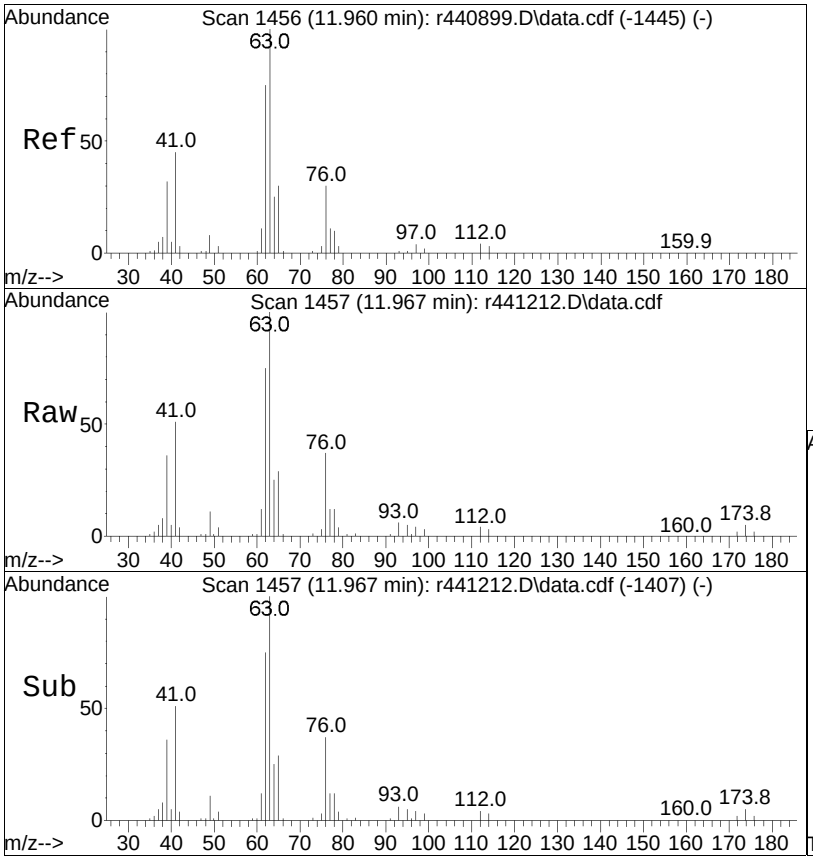


#53
cyclohexane
Concen: 11.50 ppbV
RT: 11.333 min Scan# 1362
Delta R.T. 0.000 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 56 Resp: 490509

Ion	Ratio	Lower	Upper
56	100		
84	70.0	55.5	83.3
41	42.7	38.2	57.4

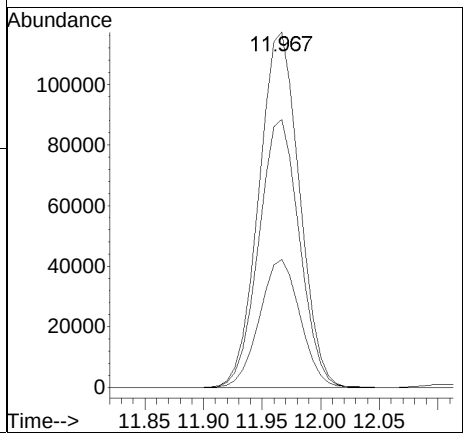


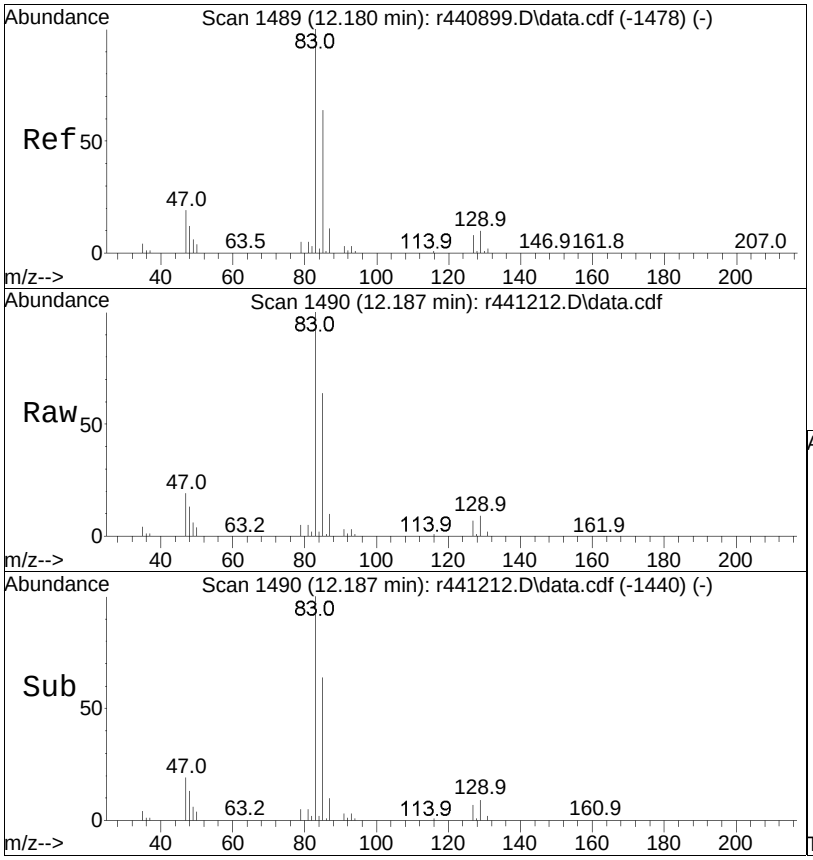


#56
1,2-dichloropropane
Concen: 9.59 ppbV
RT: 11.967 min Scan# 1457
Delta R.T. 0.007 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 63 Resp: 282532

Ion	Ratio	Lower	Upper
63	100		
62	75.4	59.8	89.6
39	36.0	25.5	38.3

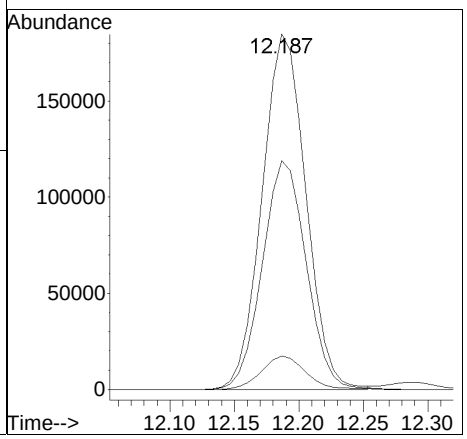


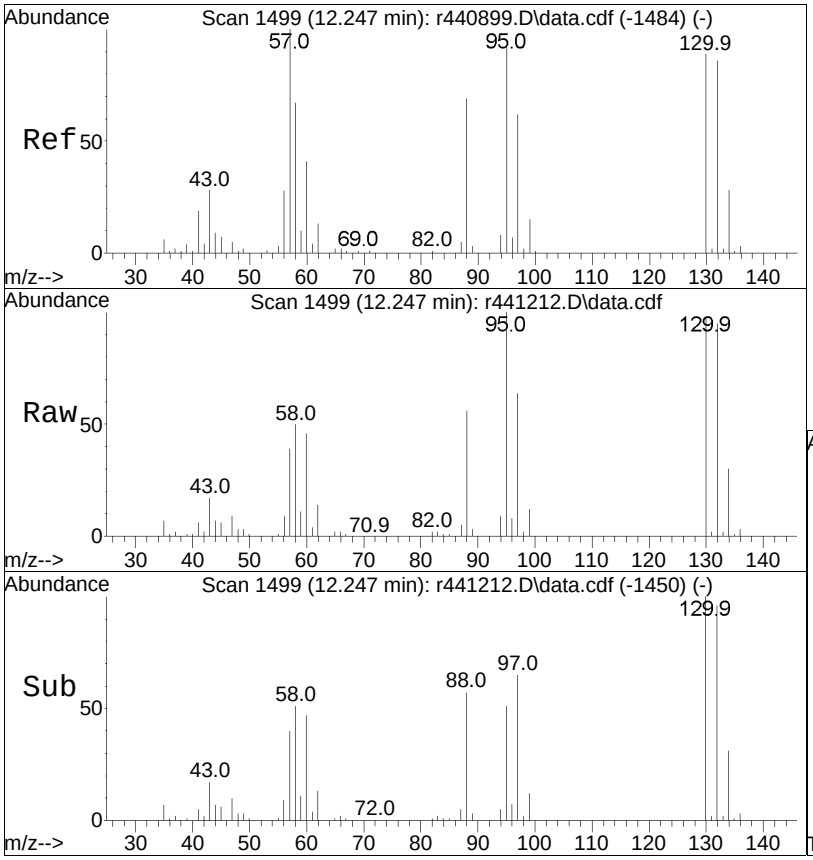


#57
bromodichloromethane
Concen: 12.68 ppbV
RT: 12.187 min Scan# 1490
Delta R.T. 0.007 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 83 Resp: 435919

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.3	76.9
129	9.4	7.8	11.6

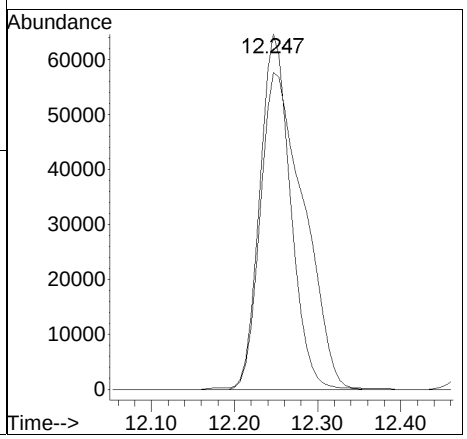


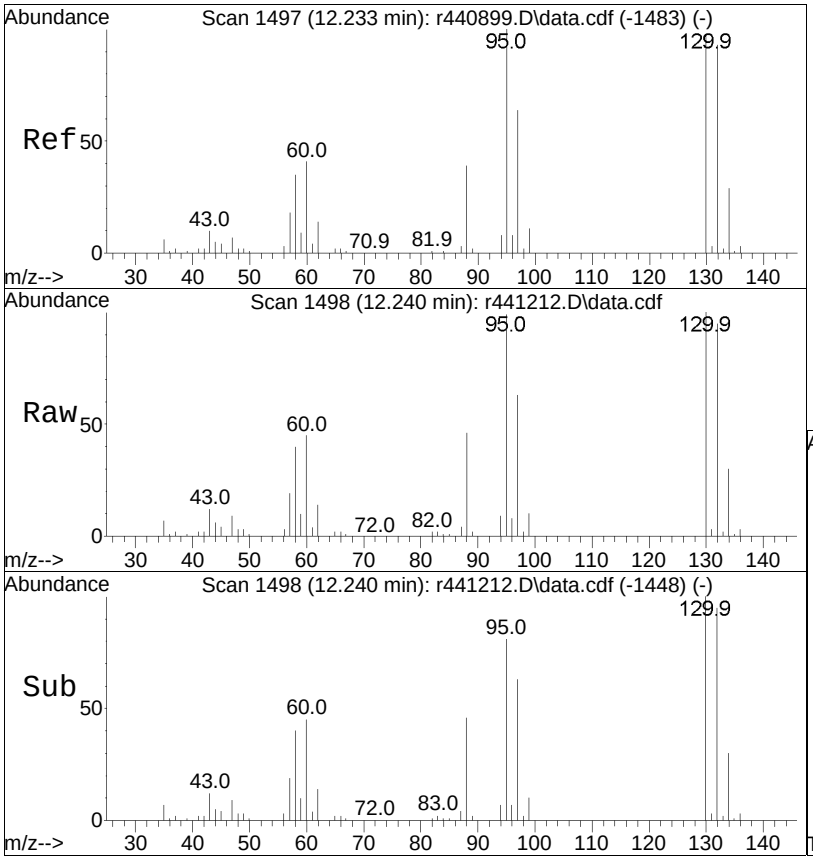


#58
1,4-dioxane
Concen: 10.86 ppbV
RT: 12.247 min Scan# 1499
Delta R.T. 0.000 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 88 Resp: 166474

Ion	Ratio	Lower	Upper
88	100		
58	89.1	77.4	116.0

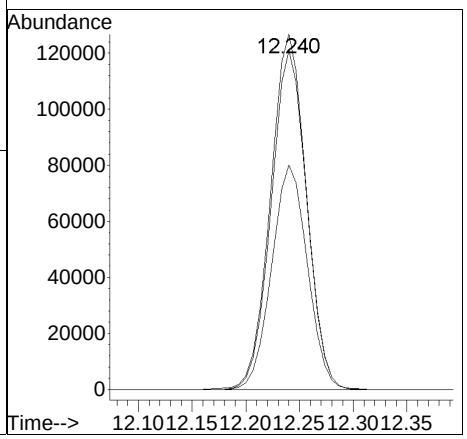


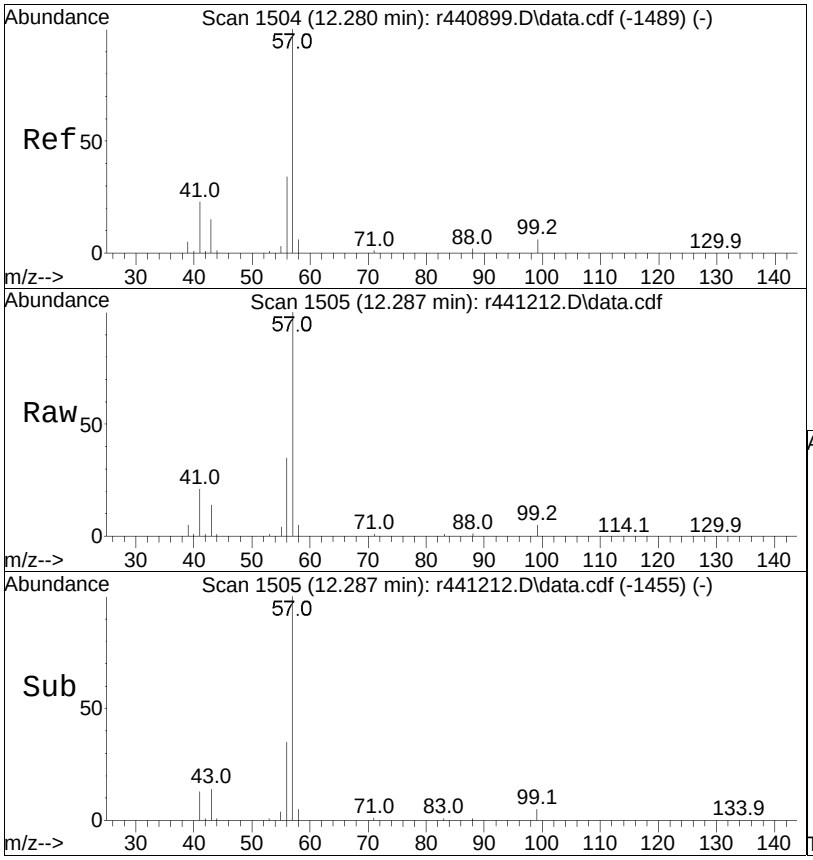


#59
trichloroethene
Concen: 10.93 ppbV
RT: 12.240 min Scan# 1498
Delta R.T. 0.007 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:130 Resp: 294251

Ion	Ratio	Lower	Upper
130	100		
132	95.4	75.4	113.0
97	63.1	52.2	78.2

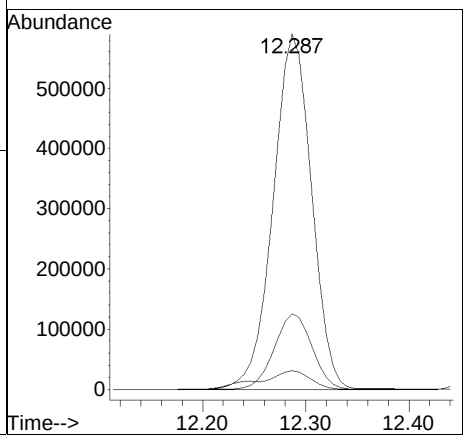


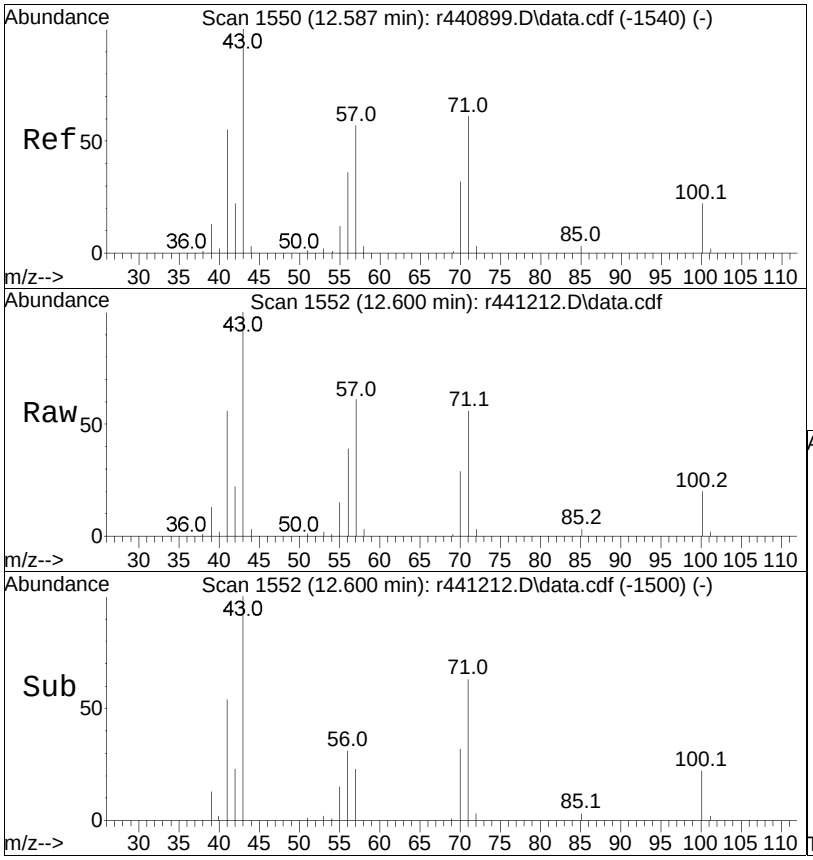


#60
2,2,4-trimethylpentane
Concen: 11.80 ppbV
RT: 12.287 min Scan# 1505
Delta R.T. 0.007 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 57 Resp: 1526416

Ion	Ratio	Lower	Upper
57	100		
99	5.3	4.8	7.2
41	21.3	18.2	27.4

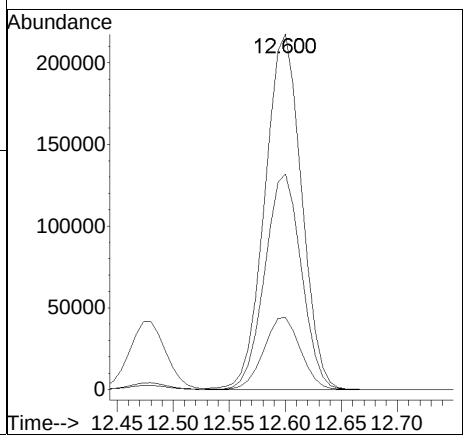


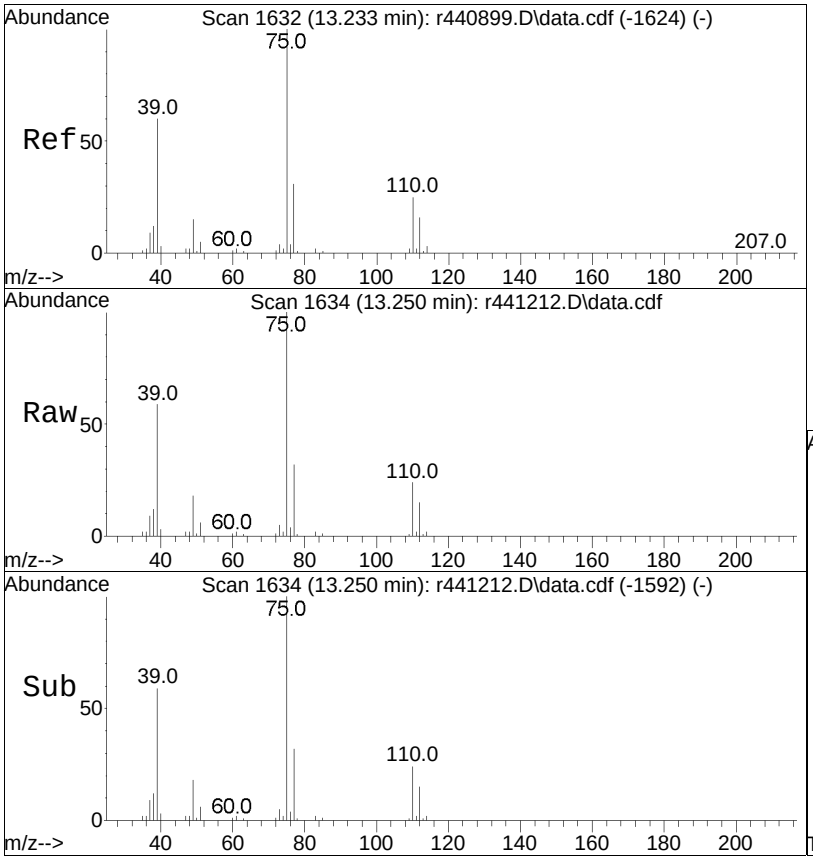


#62
heptane
Concen: 10.95 ppbV
RT: 12.600 min Scan# 1552
Delta R.T. 0.013 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 43 Resp: 495664

Ion	Ratio	Lower	Upper
43	100		
57	60.7	45.8	68.8
100	20.2	17.8	26.6

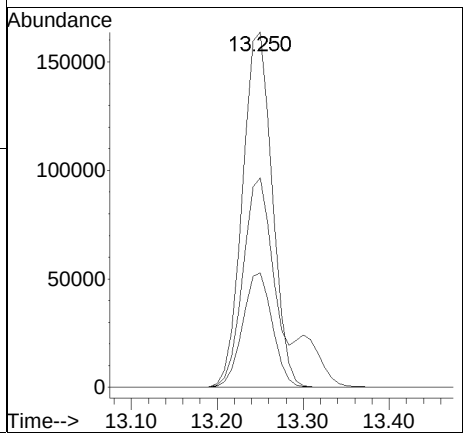


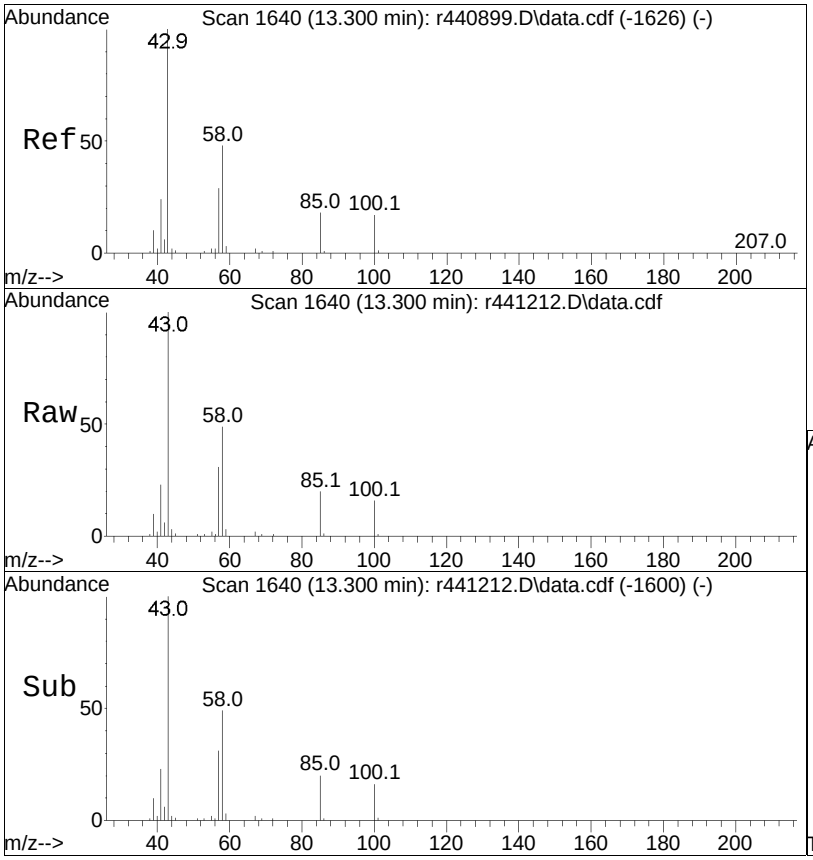


#63
cis-1,3-dichloropropene
Concen: 11.38 ppbV
RT: 13.250 min Scan# 1634
Delta R.T. 0.017 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 75 Resp: 395183

Ion	Ratio	Lower	Upper
75	100		
39	59.0	48.0	72.0
77	32.3	24.6	36.8

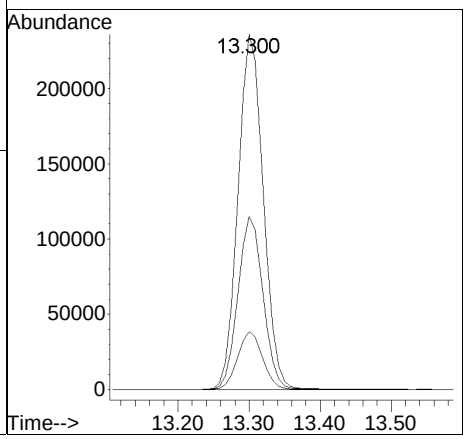


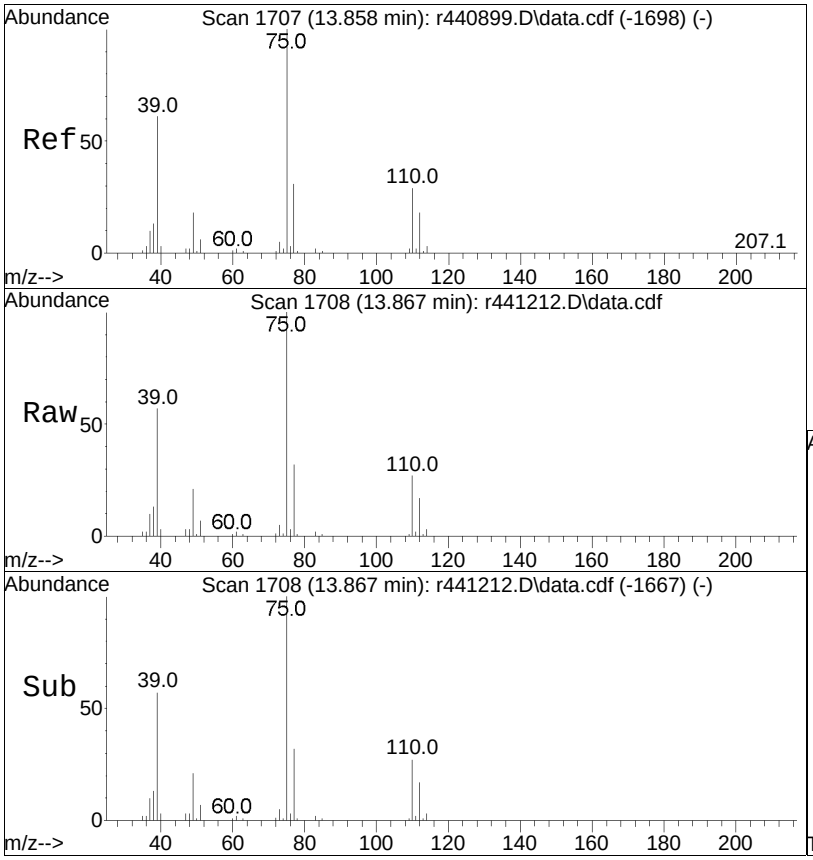


#64
4-methyl-2-pentanone
Concen: 10.65 ppbV
RT: 13.300 min Scan# 1640
Delta R.T. 0.000 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 43 Resp: 582868

Ion	Ratio	Lower	Upper
43	100		
58	48.7	38.7	58.1
100	16.3	13.9	20.9

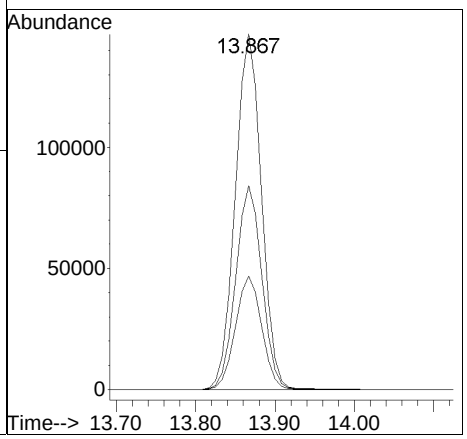


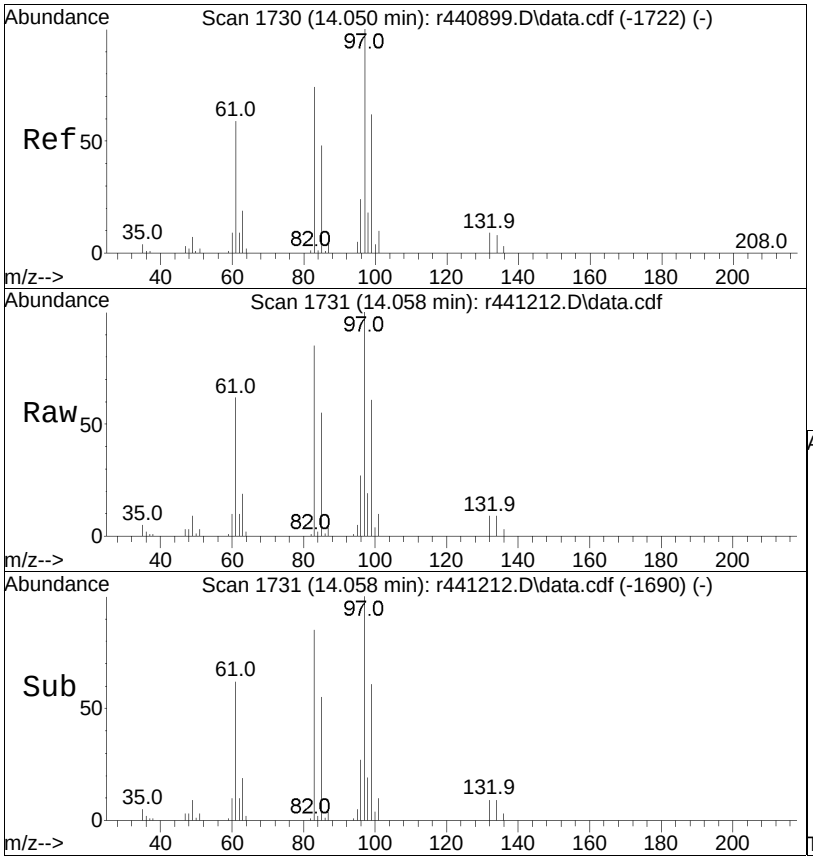


#65
trans-1,3-dichloropropene
Concen: 12.60 ppbV
RT: 13.867 min Scan# 1708
Delta R.T. 0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 75 Resp: 336191

Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.9	37.3
39	57.4	49.2	73.8

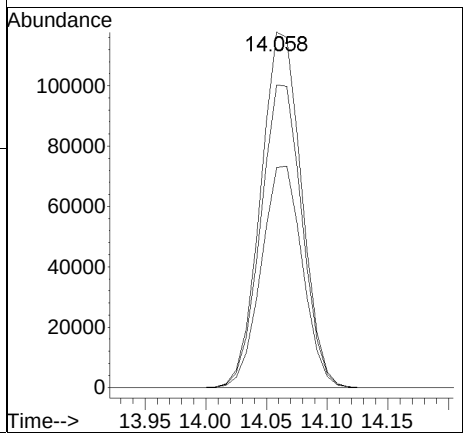


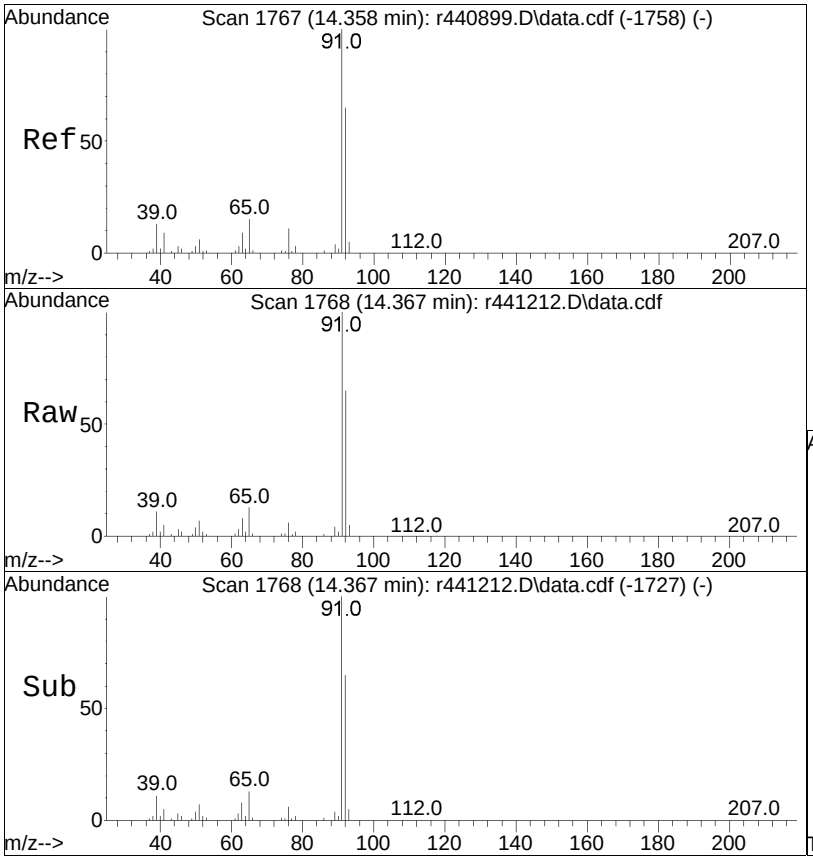


#66
1,1,2-trichloroethane
Concen: 10.26 ppbV
RT: 14.058 min Scan# 1731
Delta R.T. 0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 97 Resp: 276453

Ion	Ratio	Lower	Upper
97	100		
83	85.2	59.5	89.3
61	61.9	47.0	70.4

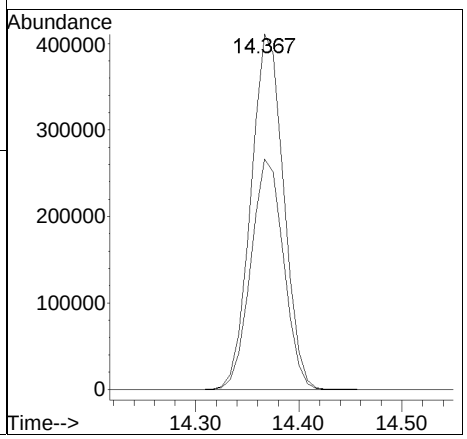


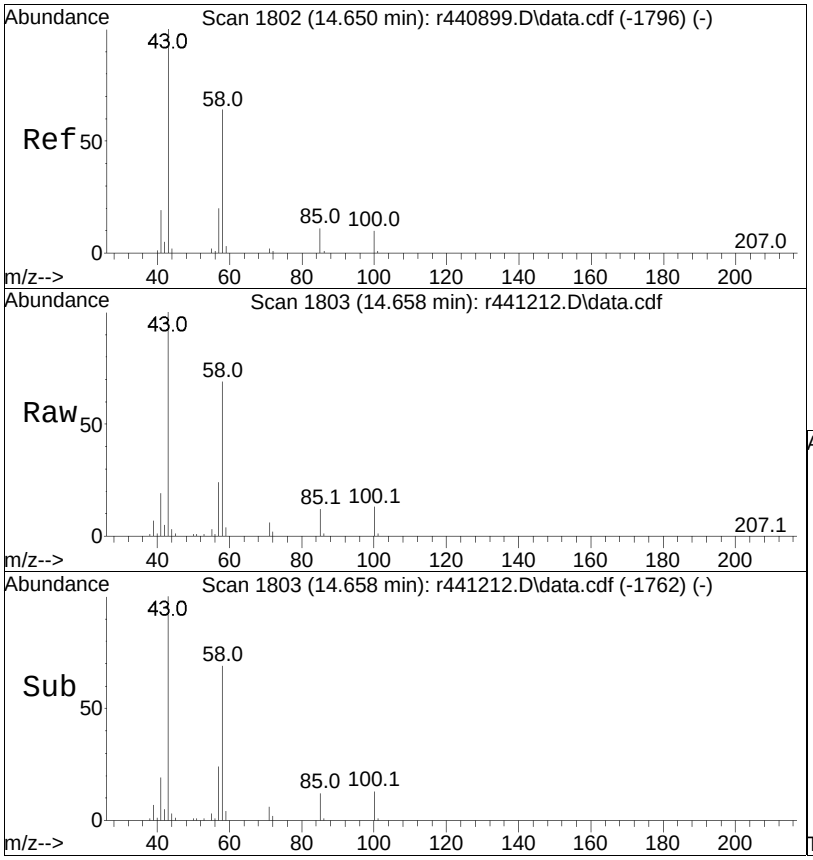


#68
toluene
Concen: 8.84 ppbV
RT: 14.367 min Scan# 1768
Delta R.T. 0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 91 Resp: 905359

Ion	Ratio	Lower	Upper
91	100		
92	64.9	52.4	78.6

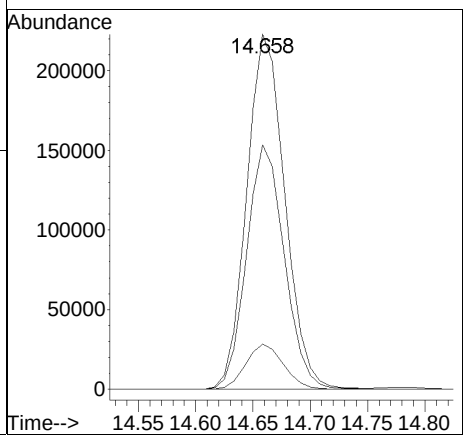


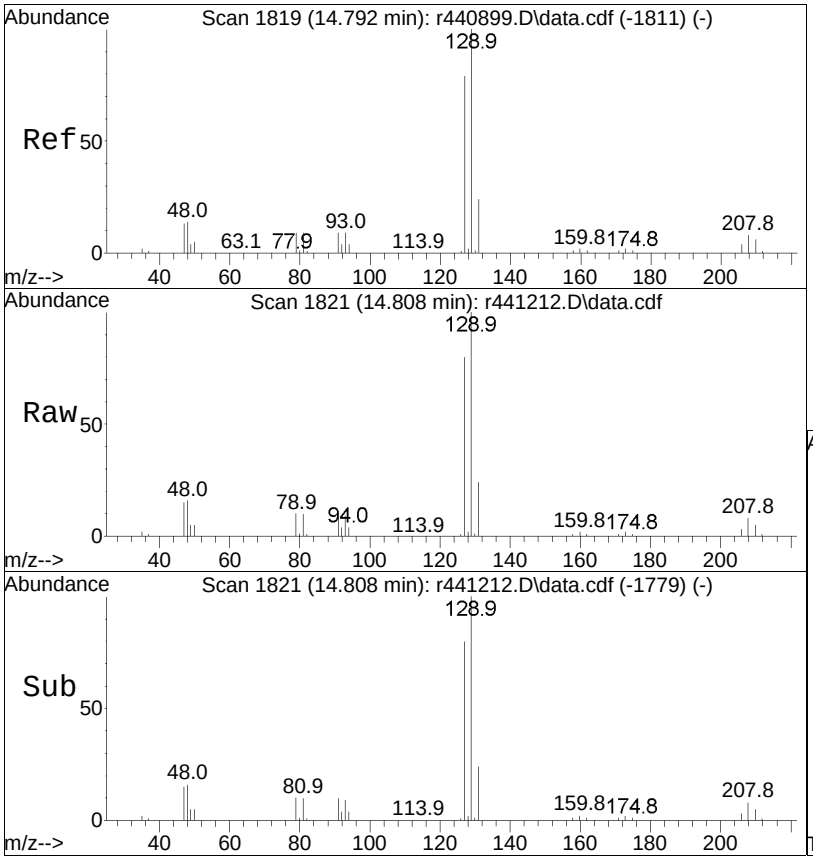


#72
2-hexanone
Concen: 8.25 ppbV
RT: 14.658 min Scan# 1803
Delta R.T. 0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 43 Resp: 517004

Ion	Ratio	Lower	Upper
43	100		
58	68.9	54.5	81.7
100	12.7	11.1	16.7

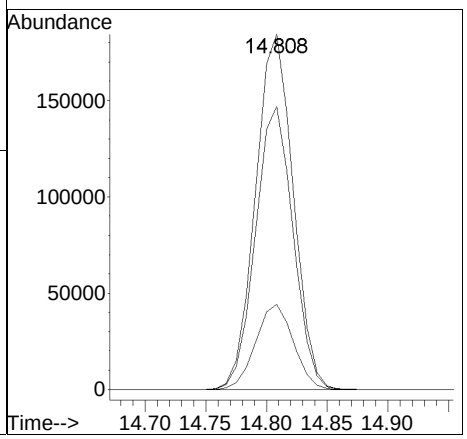


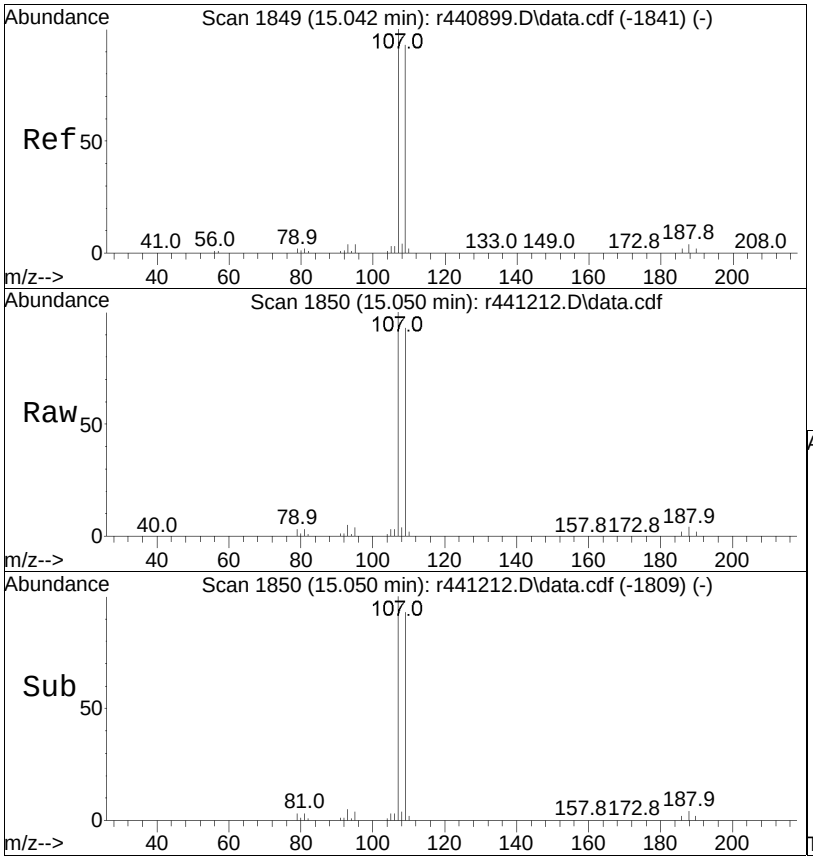


#74
dibromochloromethane
Concen: 9.66 ppbV
RT: 14.808 min Scan# 1821
Delta R.T. 0.017 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:129 Resp: 398187

Ion	Ratio	Lower	Upper
129	100		
127	79.7	63.4	95.0
131	24.0	19.2	28.8

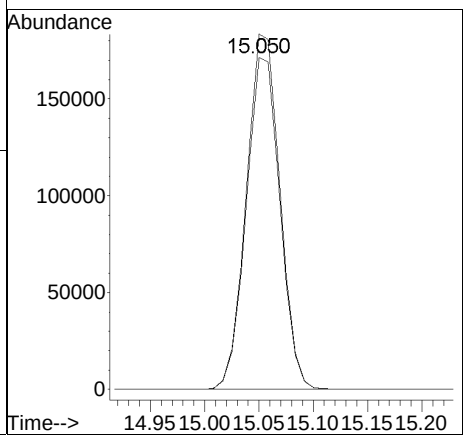


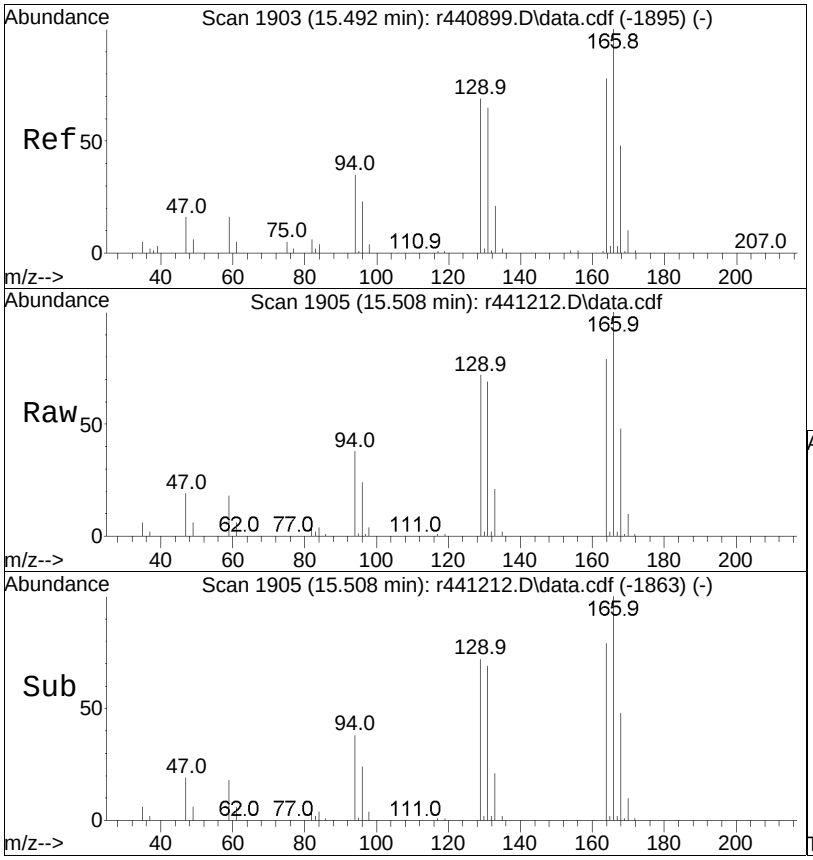


#75
1,2-dibromoethane
Concen: 8.58 ppbV
RT: 15.050 min Scan# 1850
Delta R.T. 0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:107 Resp: 394945

Ion	Ratio	Lower	Upper
107	100		
109	93.4	74.0	111.0

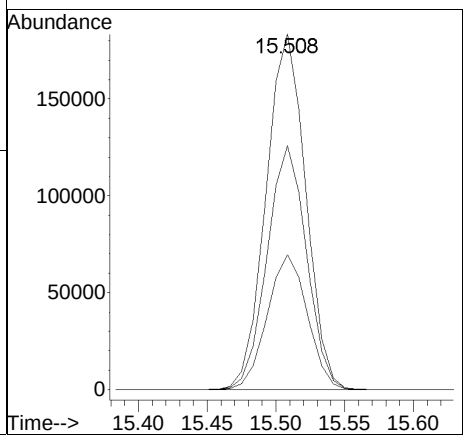


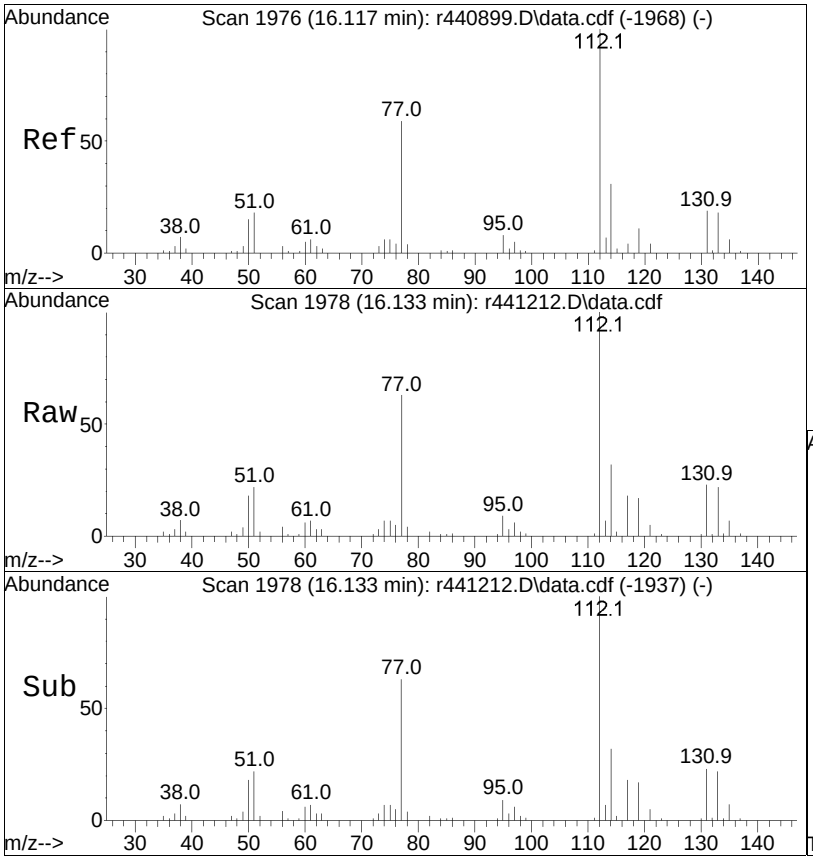


#78
tetrachloroethene
Concen: 8.86 ppbV
RT: 15.508 min Scan# 1905
Delta R.T. 0.017 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:166 Resp: 368084

Ion	Ratio	Lower	Upper
166	100		
131	68.6	52.1	78.1
94	37.9	28.3	42.5

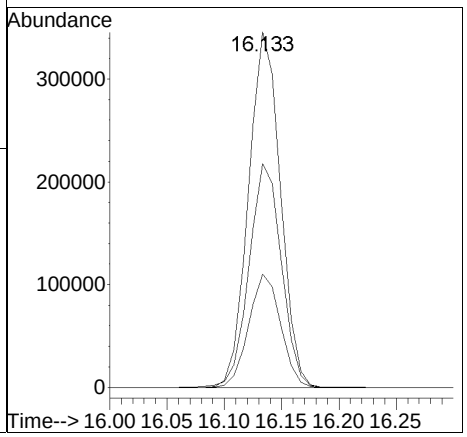


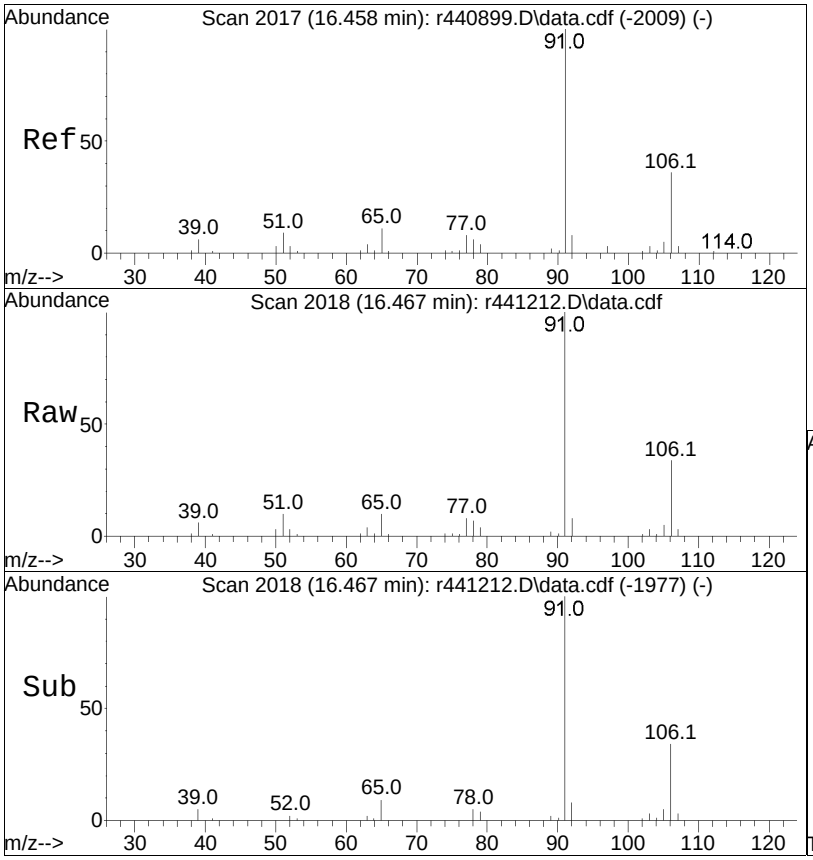


#80
chlorobenzene
Concen: 8.57 ppbV
RT: 16.133 min Scan# 1978
Delta R.T. 0.017 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:112 Resp: 668215

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.0	37.6
77	63.0	47.2	70.8

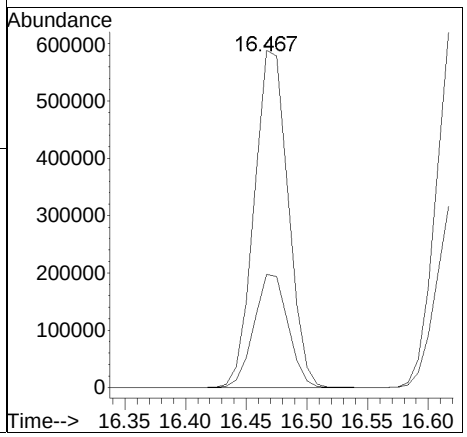


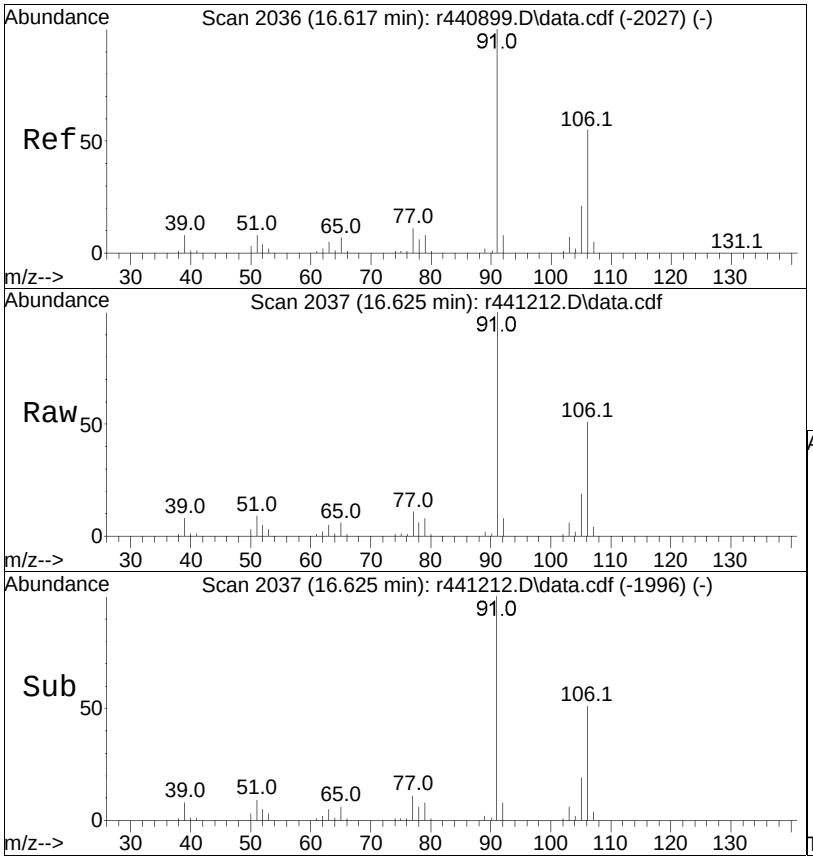


#81
ethylbenzene
Concen: 8.81 ppbV
RT: 16.467 min Scan# 2018
Delta R.T. 0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 91 Resp: 1141731

Ion	Ratio	Lower	Upper
91	100		
106	33.6	28.8	43.2

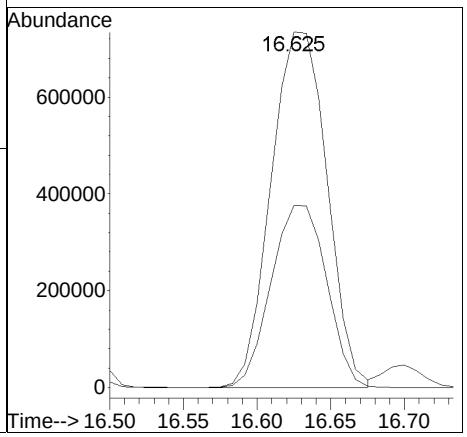


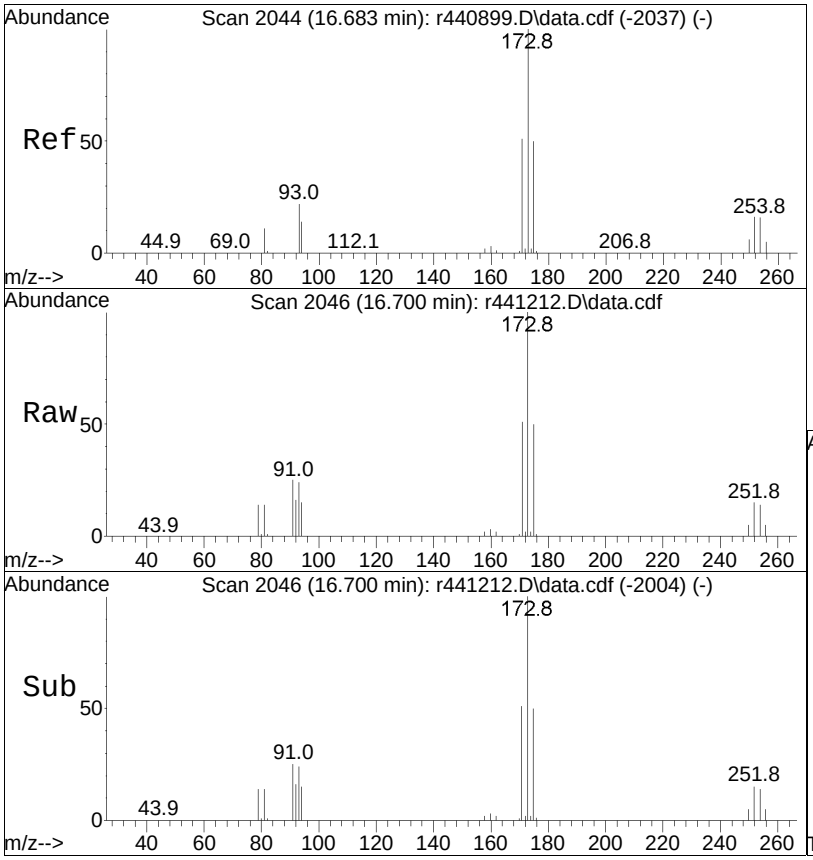


#83
m+p-xylene
Concen: 18.70 ppbV
RT: 16.625 min Scan# 2037
Delta R.T. 0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 91 Resp: 1937745

Ion	Ratio	Lower	Upper
91	100		
106	51.3	43.9	65.9

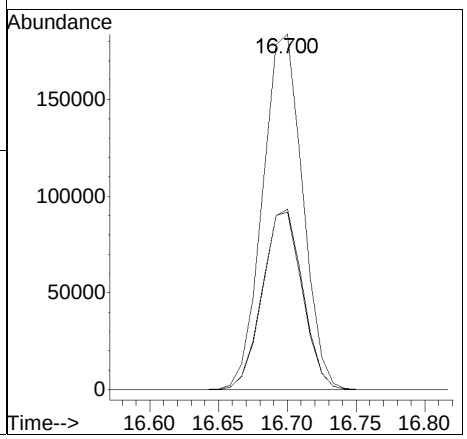


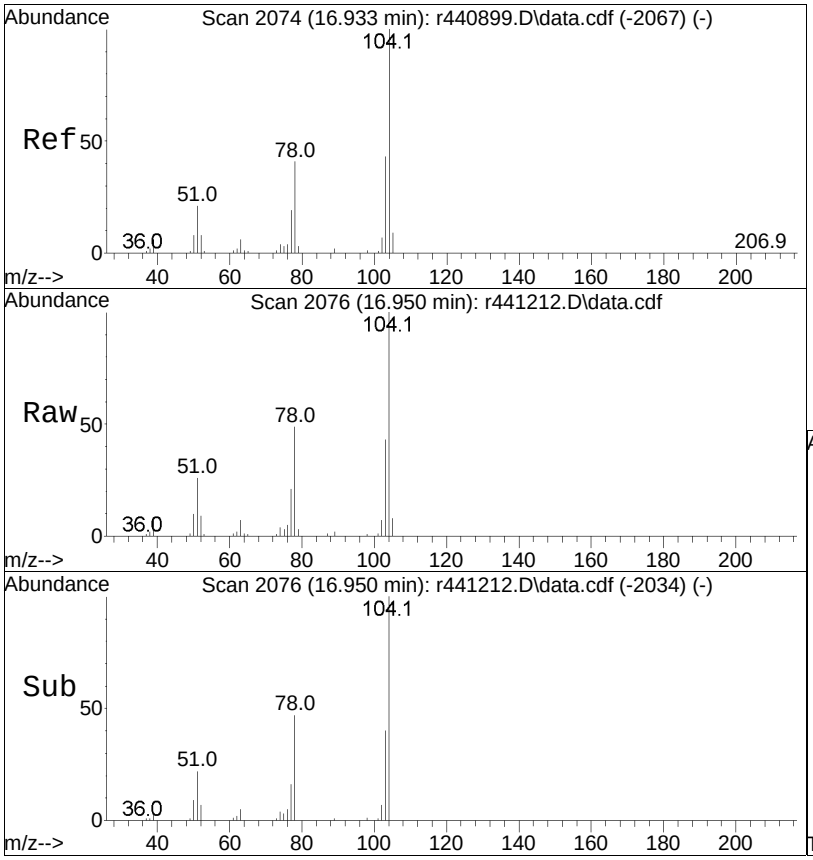


#84
bromoform
Concen: 9.51 ppbV
RT: 16.700 min Scan# 2046
Delta R.T. 0.017 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:173 Resp: 371066

Ion	Ratio	Lower	Upper
173	100		
175	49.9	40.1	60.1
171	50.7	40.6	61.0

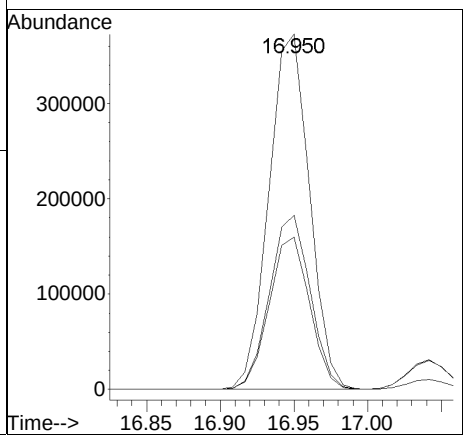


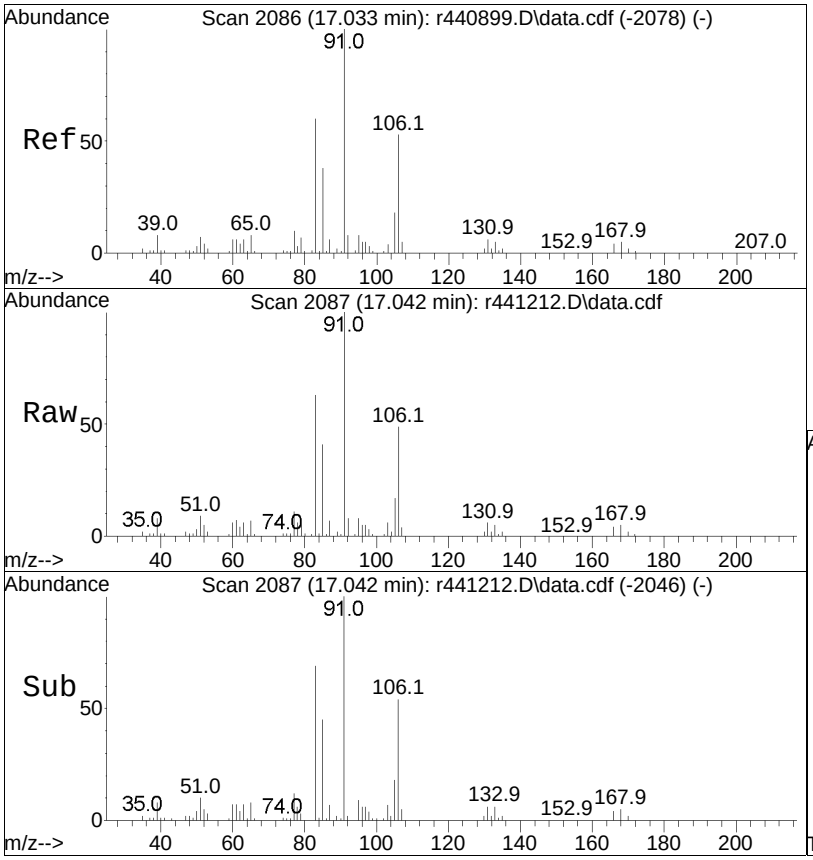


#85
styrene
Concen: 8.51 ppbV
RT: 16.950 min Scan# 2076
Delta R.T. 0.017 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:104 Resp: 715042

Ion	Ratio	Lower	Upper
104	100		
103	42.9	34.7	52.1
78	49.0	33.1	49.7

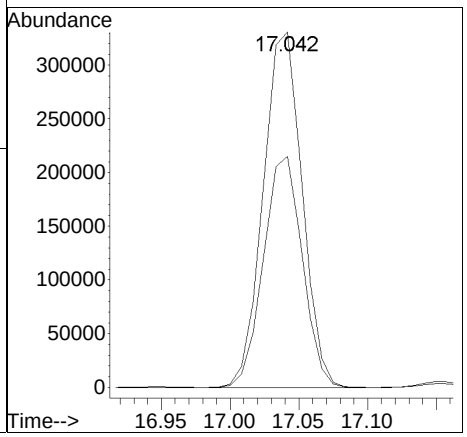


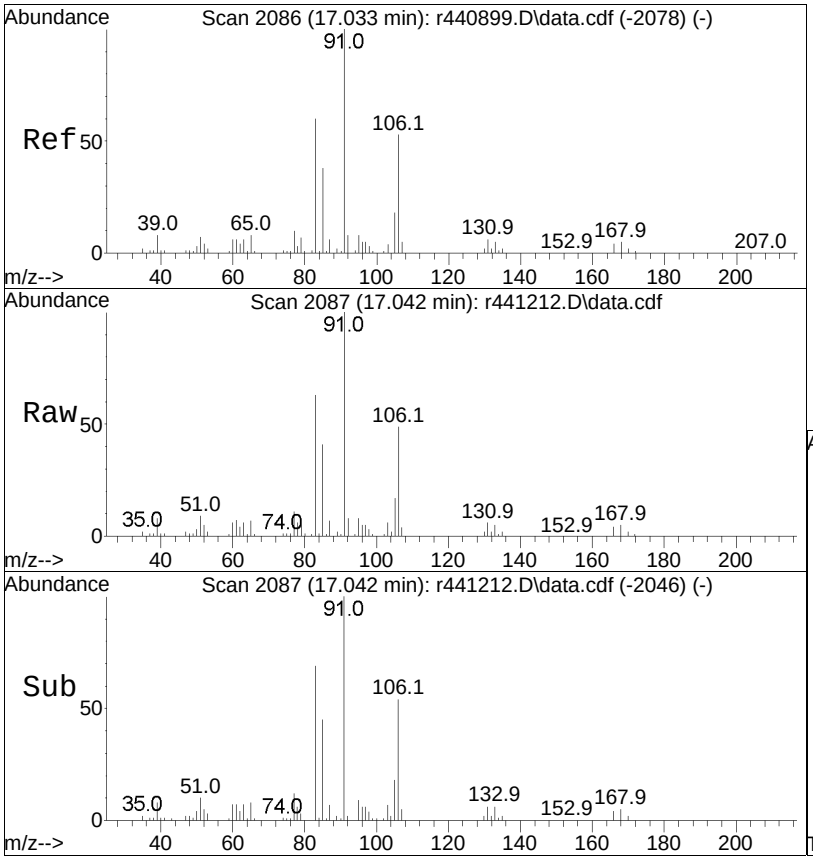


#86
1,1,2,2-tetrachloroethane
Concen: 9.94 ppbV
RT: 17.042 min Scan# 2087
Delta R.T. 0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 83 Resp: 651737

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.5	77.3

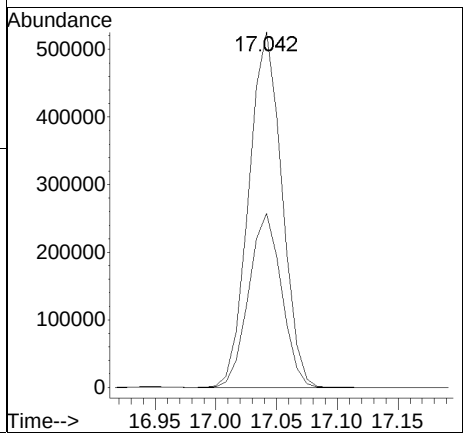


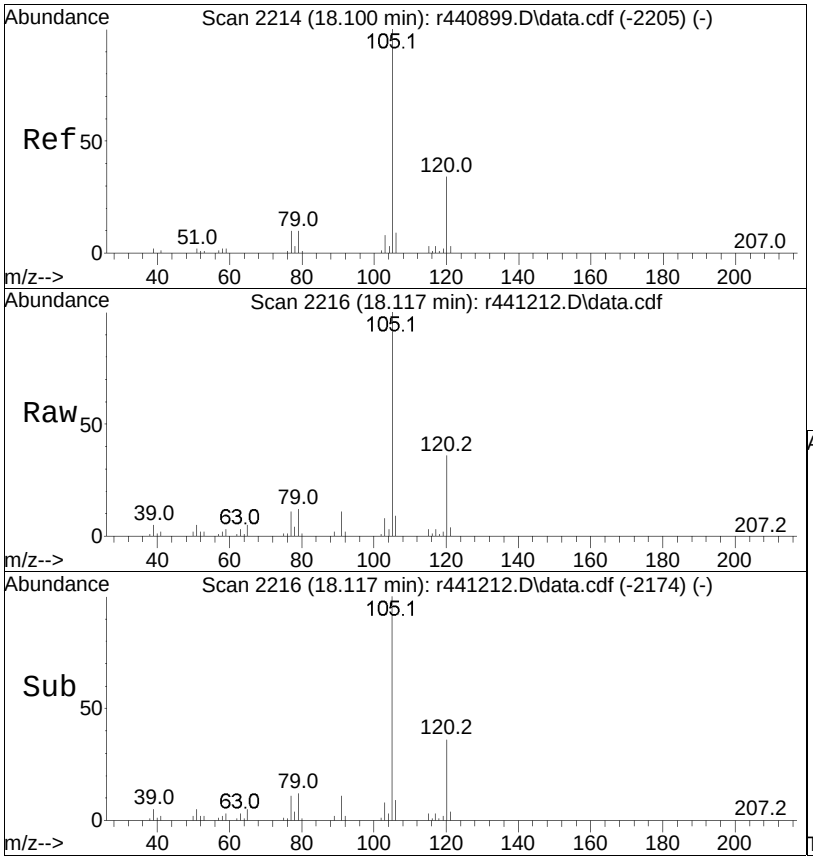


#87
o-xylene
Concen: 9.80 ppbV
RT: 17.042 min Scan# 2087
Delta R.T. 0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 91 Resp: 996644

Ion	Ratio	Lower	Upper
91	100		
106	49.0	42.5	63.7

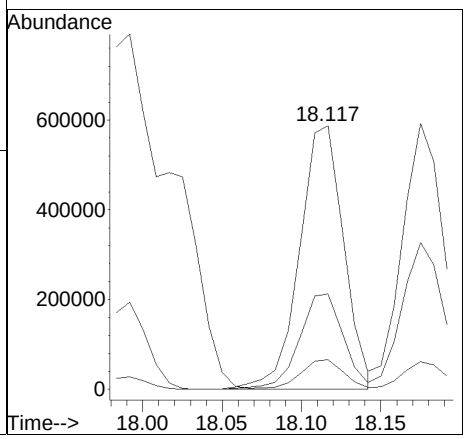


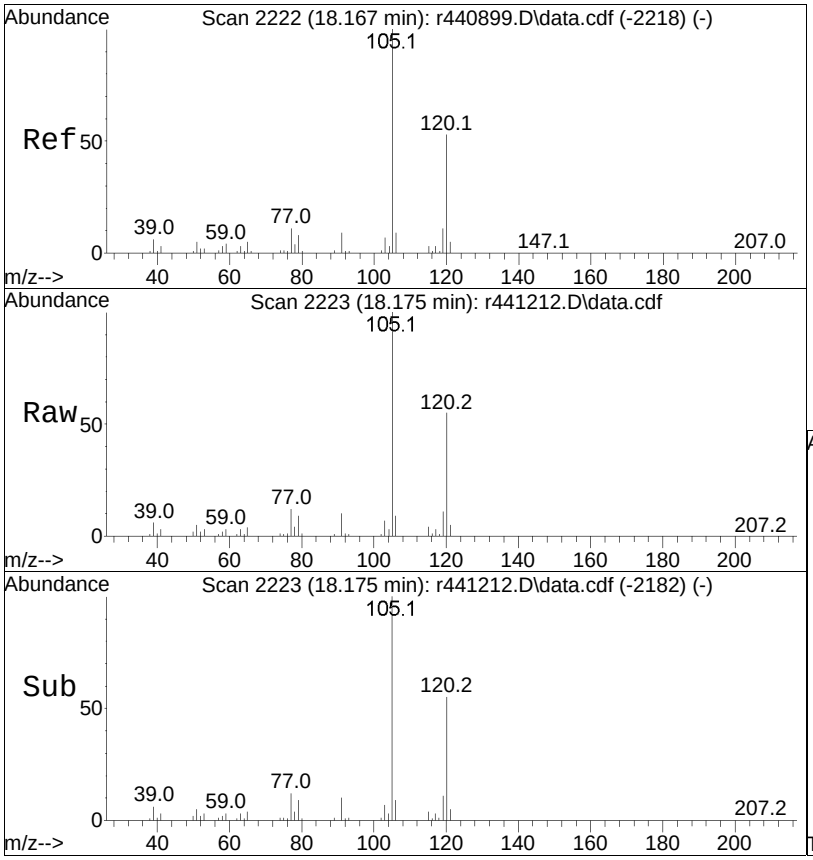


#96
4-ethyl toluene
Concen: 8.66 ppbV
RT: 18.117 min Scan# 2216
Delta R.T. 0.017 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:105 Resp: 1139437

Ion	Ratio	Lower	Upper
105	100		
120	36.2	27.0	40.6
91	11.2	8.1	12.1

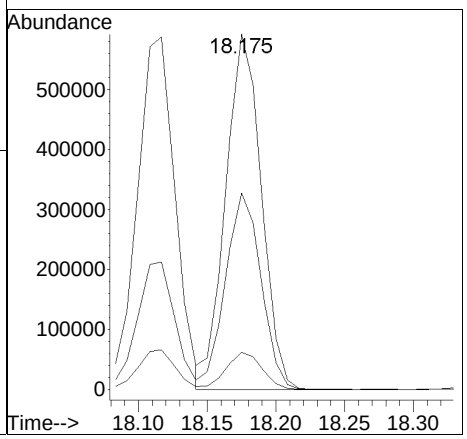


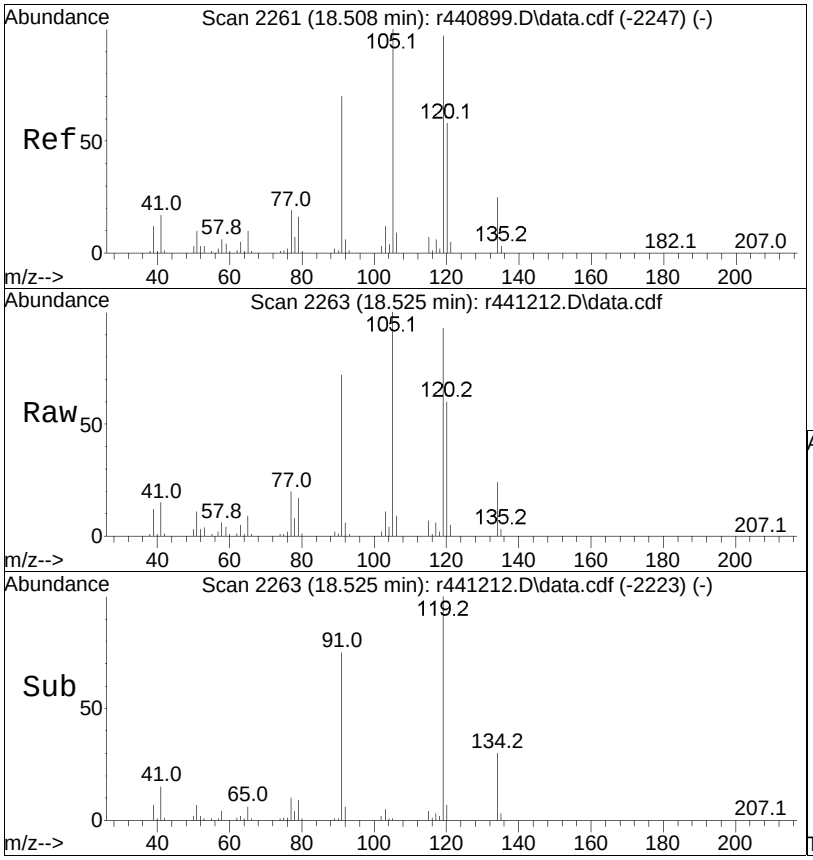


#97
1,3,5-trimethylbenzene
Concen: 9.38 ppbV
RT: 18.175 min Scan# 2223
Delta R.T. 0.008 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:105 Resp: 1067607

Ion	Ratio	Lower	Upper
105	100		
120	55.3	42.1	63.1
91	10.5	7.6	11.4

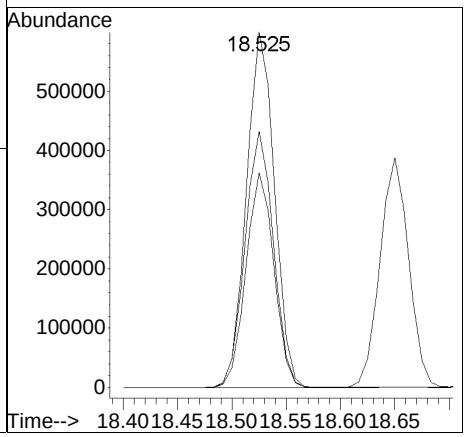


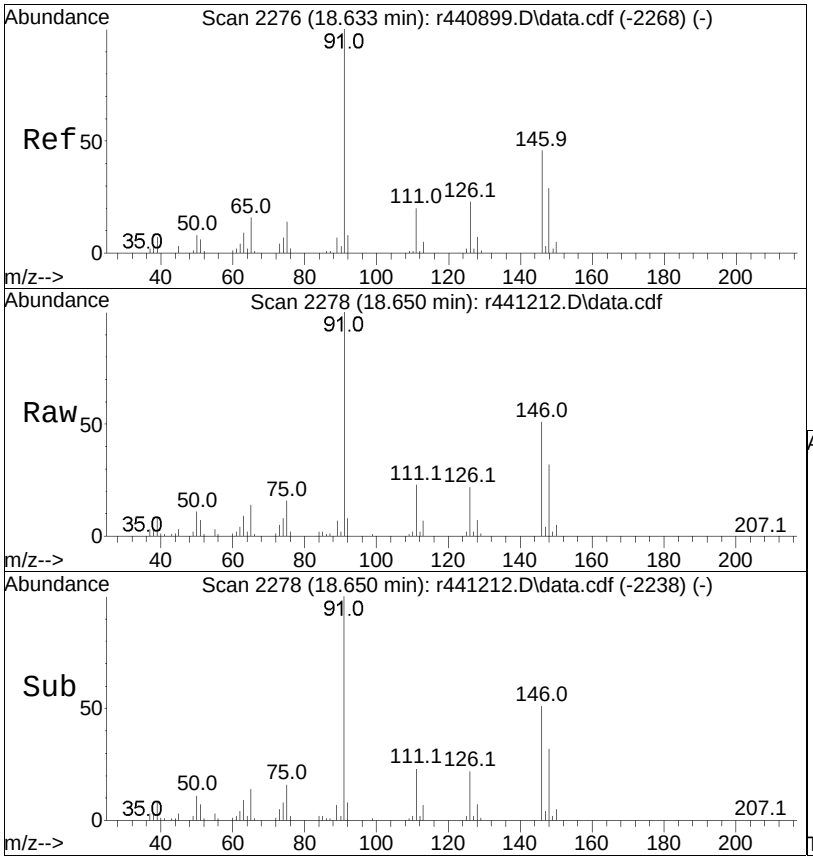


#99
1,2,4-trimethylbenzene
Concen: 9.40 ppbV
RT: 18.525 min Scan# 2263
Delta R.T. 0.017 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:105 Resp: 1078602

Ion	Ratio	Lower	Upper
105	100		
120	60.4	46.7	70.1
91	72.1	56.3	84.5

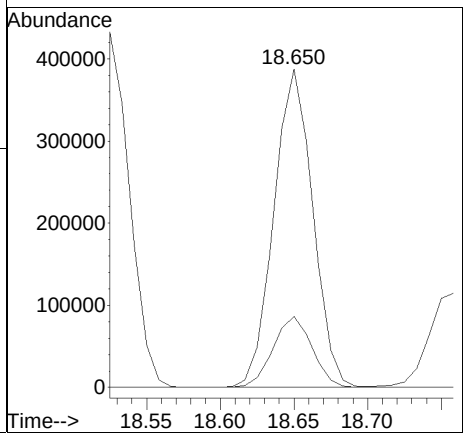


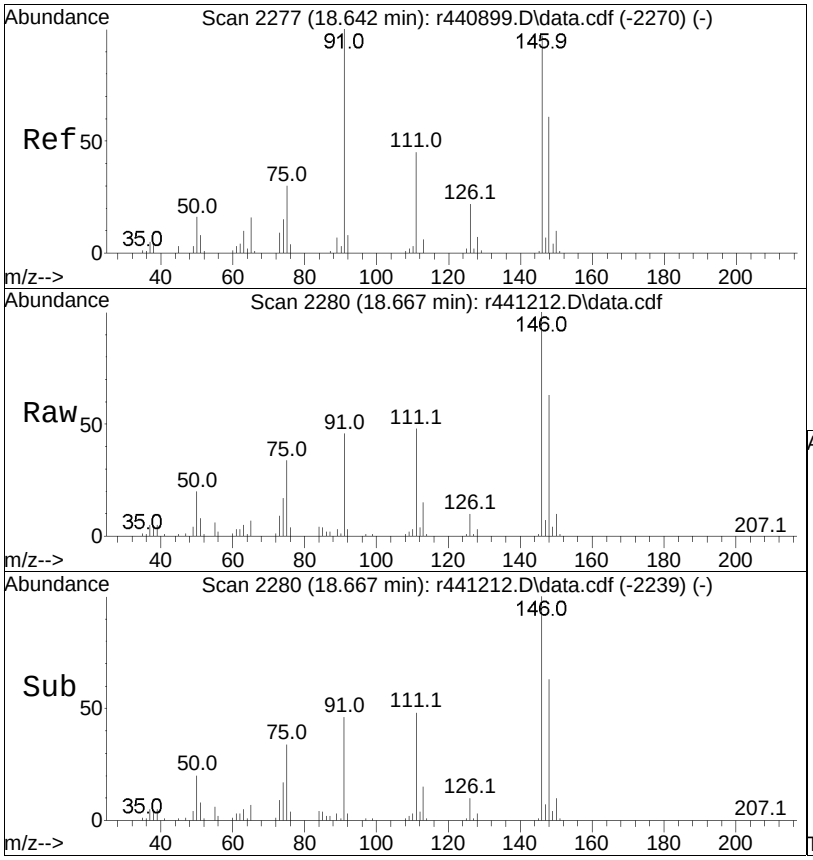


#101
Benzyl Chloride
Concen: 7.51 ppbV
RT: 18.650 min Scan# 2278
Delta R.T. 0.017 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion: 91 Resp: 711608

Ion	Ratio	Lower	Upper
91	100		
126	22.3	18.2	27.2

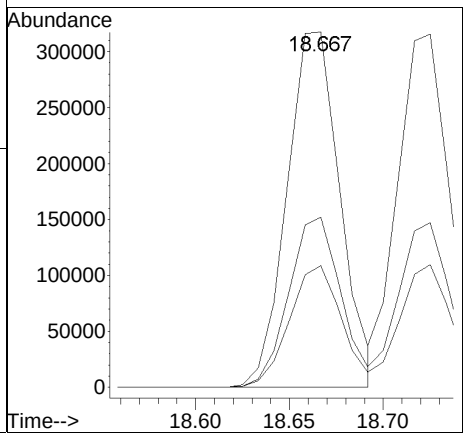


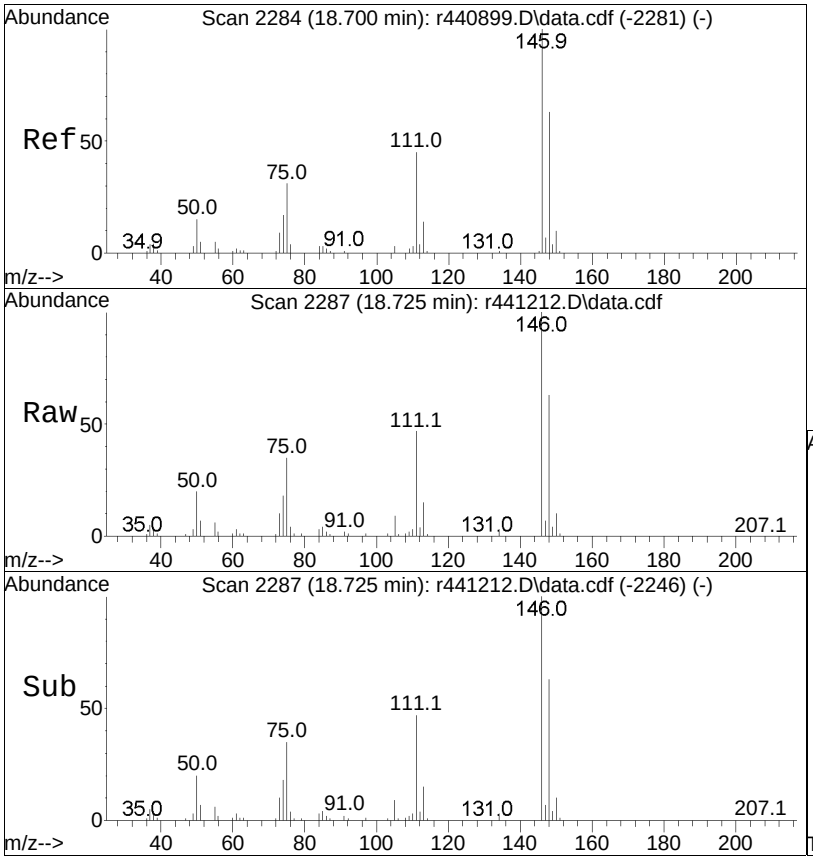


#102
1,3-dichlorobenzene
Concen: 9.13 ppbV
RT: 18.667 min Scan# 2280
Delta R.T. 0.025 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:146 Resp: 624944

Ion	Ratio	Lower	Upper
146	100		
111	47.9	36.9	55.3
75	34.3	24.4	36.6

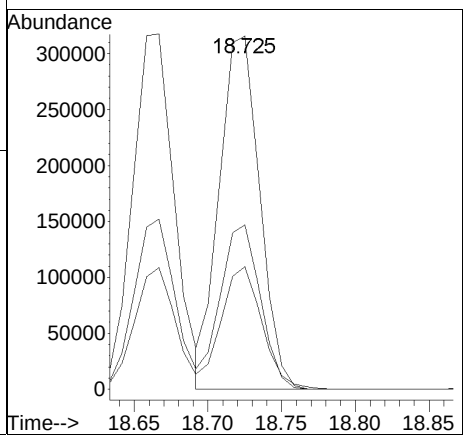


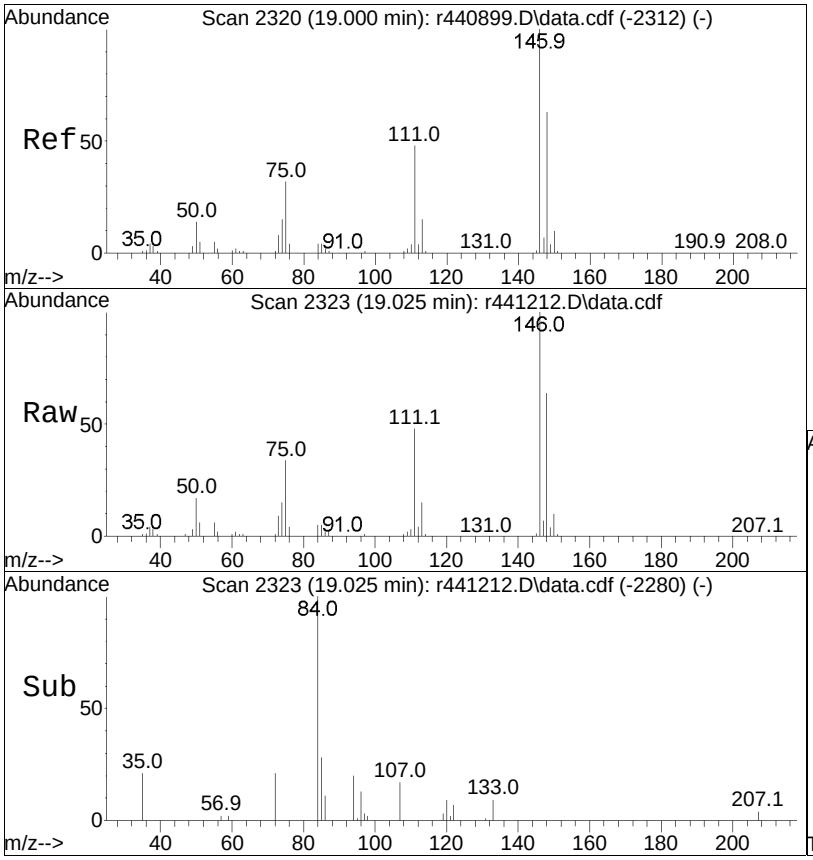


#103
1,4-dichlorobenzene
Concen: 9.14 ppbV
RT: 18.725 min Scan# 2287
Delta R.T. 0.025 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:146 Resp: 602814

Ion	Ratio	Lower	Upper
146	100		
111	46.6	35.8	53.8
75	34.8	24.7	37.1

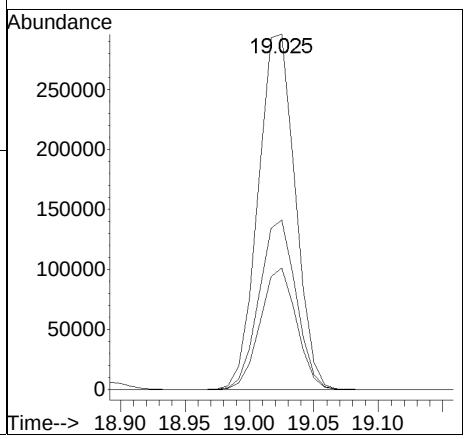


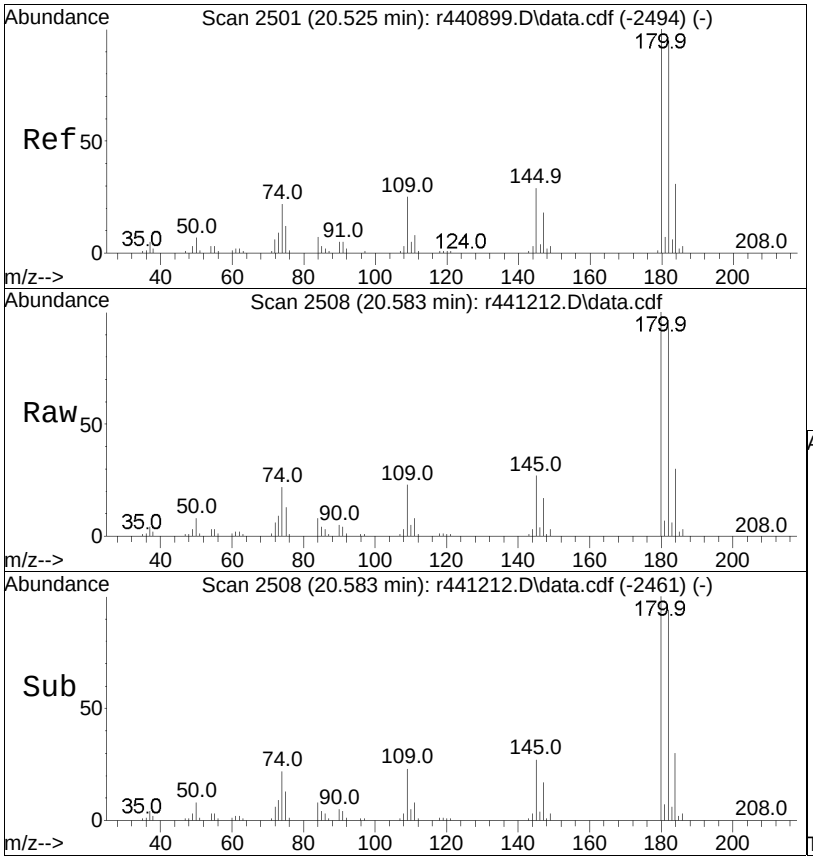


#107
1,2-dichlorobenzene
Concen: 9.24 ppbV
RT: 19.025 min Scan# 2323
Delta R.T. 0.025 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:146 Resp: 591721

Ion	Ratio	Lower	Upper
146	100		
111	47.7	38.3	57.5
75	34.2	25.6	38.4

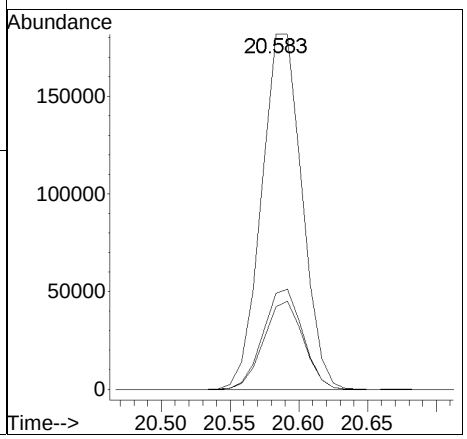


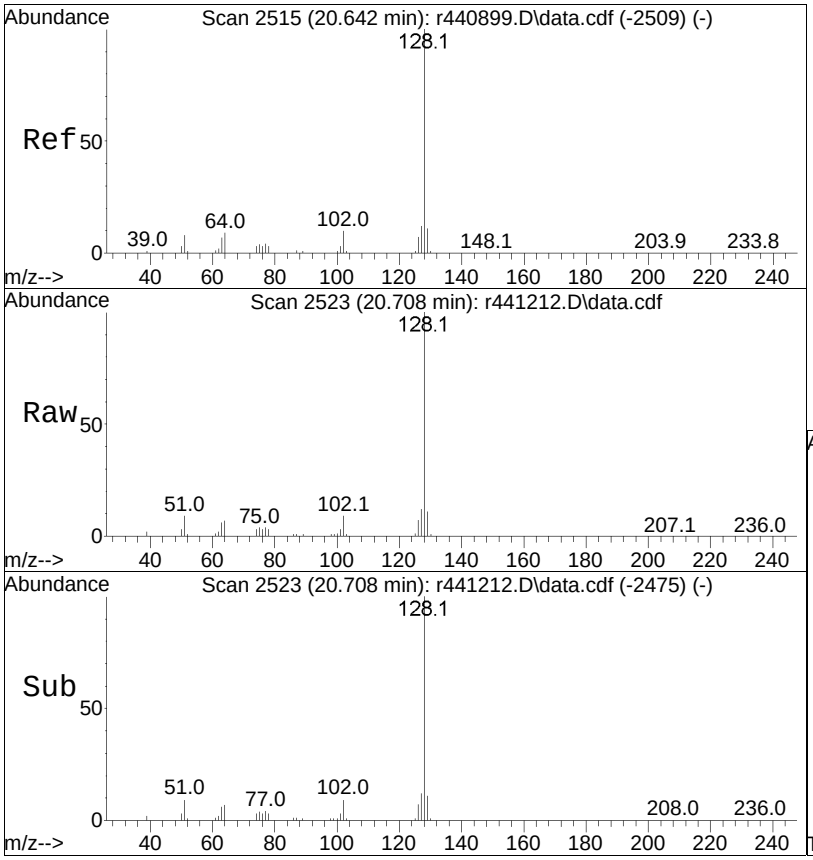


#115
1,2,4-trichlorobenzene
Concen: 8.45 ppbV
RT: 20.583 min Scan# 2508
Delta R.T. 0.058 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:180 Resp: 371824

Ion	Ratio	Lower	Upper
180	100		
145	27.1	22.9	34.3
109	23.3	19.8	29.8

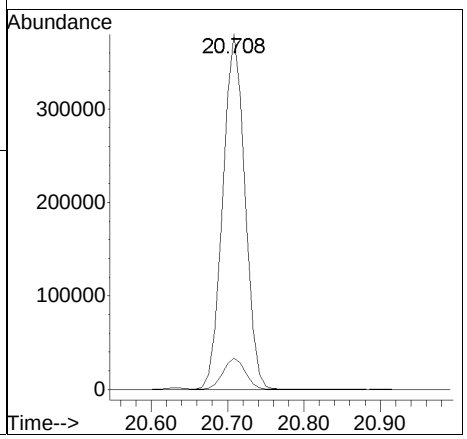


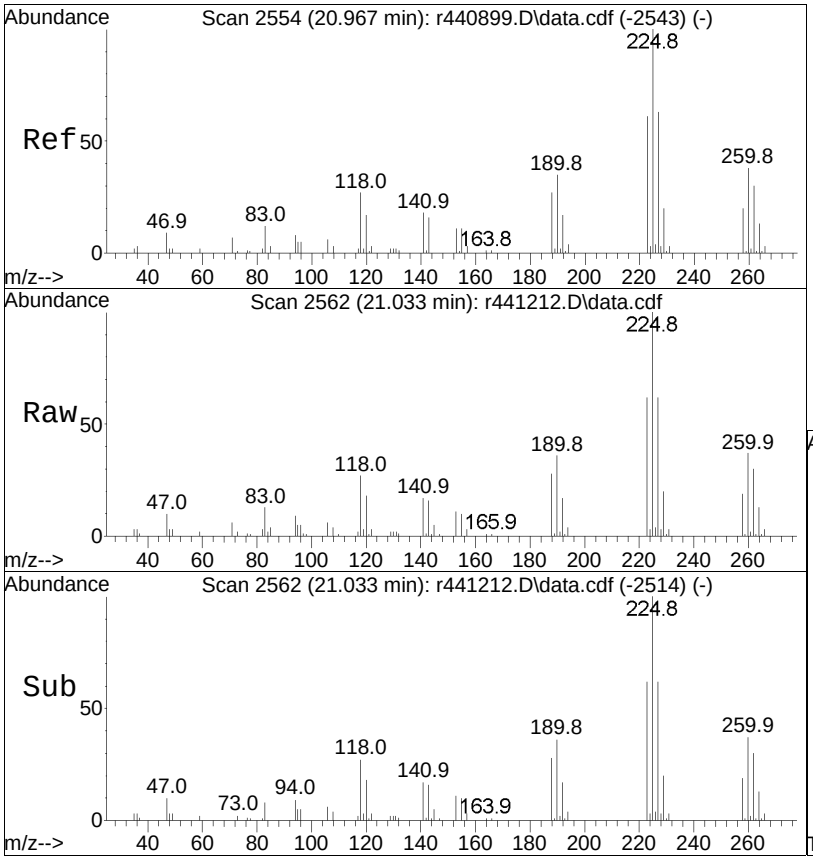


#116
naphthalene
Concen: 7.42 ppbV
RT: 20.708 min Scan# 2523
Delta R.T. 0.067 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:128 Resp: 763288

Ion	Ratio	Lower	Upper
128	100		
102	8.9	7.7	11.5

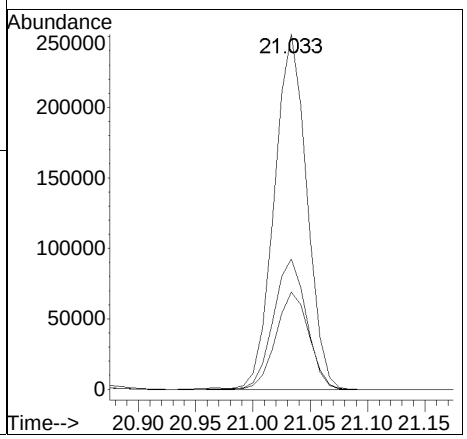




#119
hexachlorobutadiene
Concen: 9.09 ppbV
RT: 21.033 min Scan# 2562
Delta R.T. 0.067 min
Lab File: r441212.D
Acq: 29 Sep 2025 12:47 PM

Tgt Ion:225 Resp: 496733

Ion	Ratio	Lower	Upper
225	100		
260	36.7	30.2	45.2
118	27.4	21.4	32.0



Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441223.D
Acq On : 29 Sep 2025 9:54 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-5,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:08:16 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : TO15_STD+Naph - .

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	9.225	49	275060	10.000	ppbV		0.00
Standard Area = 285983			Recovery = 96.18%				
43) 1,4-difluorobenzene	11.440	114	668694	10.000	ppbV		0.00
Standard Area = 711740			Recovery = 93.95%				
67) chlorobenzene-D5	16.100	54	136599	10.000	ppbV	#	0.03
Standard Area = 145769			Recovery = 93.71%				
System Monitoring Compounds							
Target Compounds							Qvalue
3) propylene	4.072	41	3987M6	0.158	ppbV		
5) dichlorodifluoromethane	4.144	85	19296	0.498	ppbV		99
6) chloromethane	4.312	50	8390	0.503	ppbV		96
7) Freon-114	4.420		0	N.D.			
9) vinyl chloride	0.000		0	N.D.			
10) 1,3-butadiene	4.684		0	N.D.			
13) bromomethane	0.000		0	N.D.			
14) chloroethane	0.000		0	N.D.			
15) ethanol	5.363	31	46839	3.472	ppbV		91
17) vinyl bromide	0.000		0	N.D.			
19) acetone	5.853	43	151976	4.513	ppbV	#	100
21) trichlorofluoromethane	5.997	101	7523	0.183	ppbV		98
22) isopropyl alcohol	6.200	45	14000	0.325	ppbV		98
26) 1,1-dichloroethene	0.000		0	N.D.			
28) methylene chloride	6.828	49	2076	0.088	ppbV		92
29) 3-chloropropene	6.906		0	N.D.			
30) carbon disulfide	7.128		0	N.D.			
31) Freon 113	7.128	101	2297	0.056	ppbV	#	90
32) trans-1,2-dichloroethene	0.000		0	N.D.			
33) 1,1-dichloroethane	0.000		0	N.D.			
34) MTBE	0.000		0	N.D.	d		
35) vinyl acetate	8.292	43	10980	0.160	ppbV		97
36) 2-butanone	8.633	43	10821	0.193	ppbV		96
37) cis-1,2-dichloroethene	0.000		0	N.D.			
38) Ethyl Acetate	9.383		0	N.D.			
39) chloroform	9.375		0	N.D.			
40) Tetrahydrofuran	9.925	42	1594	0.054	ppbV		96
42) 1,2-dichloroethane	10.208		0	N.D.			
44) hexane	9.292	57	3191	0.086	ppbV	#	27

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441223.D
Acq On : 29 Sep 2025 9:54 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-5,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:08:16 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airpiano4\2025\09\0929T\r441211.D
Sub List : TO15_STD+Naph - .

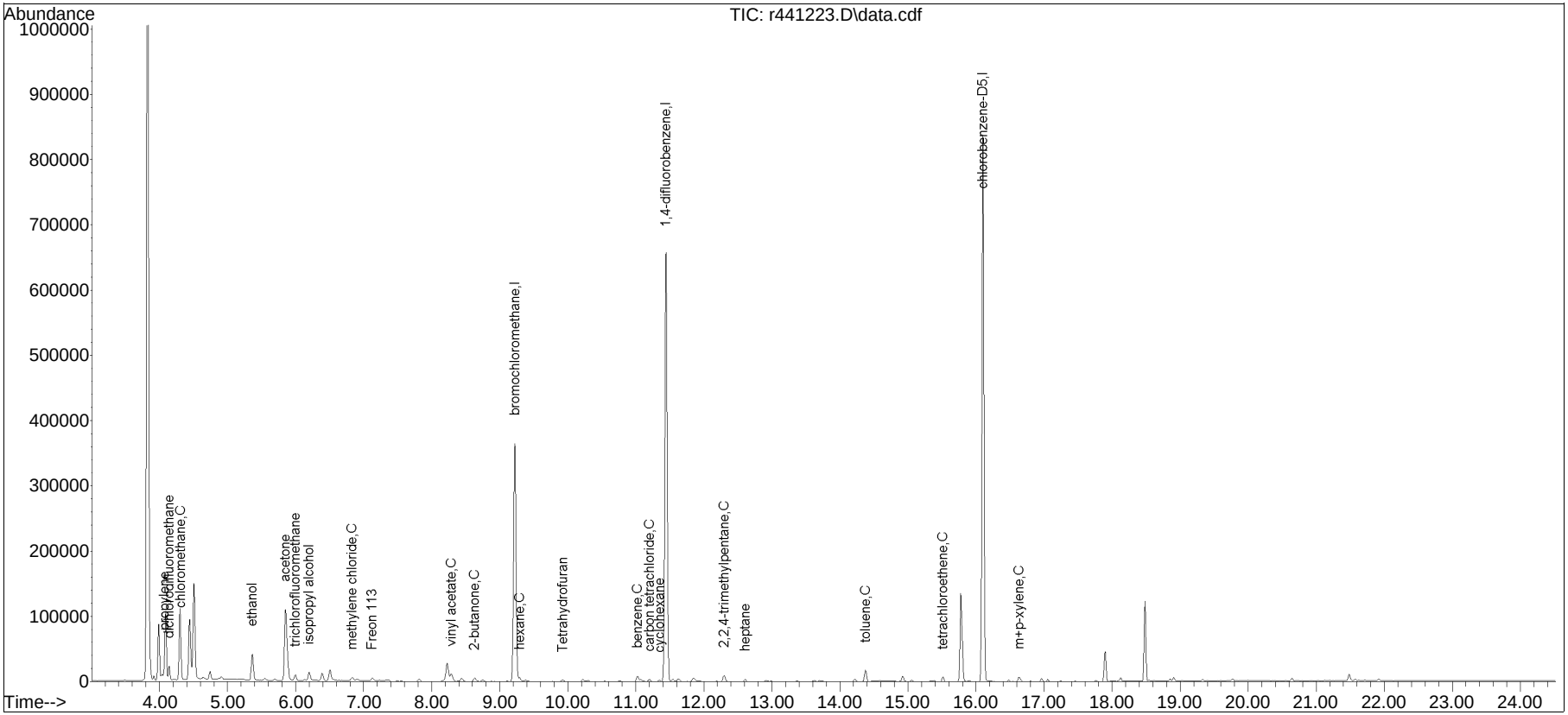
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	11.027	78	9395	0.155	ppbV	93
52) carbon tetrachloride	11.200	117	2146	0.080	ppbV #	96
53) cyclohexane	11.347	56	1169	0.030	ppbV #	79
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	12.300	57	11020	0.094	ppbV	97
62) heptane	12.607	43	1837	0.045	ppbV	94
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	13.375		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	14.375	91	12848	0.135	ppbV	98
72) 2-hexanone	14.633		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.517	166	2401	0.062	ppbV	94
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	16.483		0	N.D.		
83) m+p-xylene	16.633	91	6468	0.067	ppbV	98
84) bromoform	0.000		0	N.D.		
85) styrene	16.958		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	17.050		0	N.D.		
96) 4-ethyl toluene	0.000		0	N.D.	d	
97) 1,3,5-trimethylbenzene	18.192		0	N.D.		
99) 1,2,4-trimethylbenzene	18.542		0	N.D.		
101) Benzyl Chloride	0.000		0	N.D.	d	
102) 1,3-dichlorobenzene	0.000		0	N.D.		
103) 1,4-dichlorobenzene	0.000		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
116) naphthalene	20.717		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

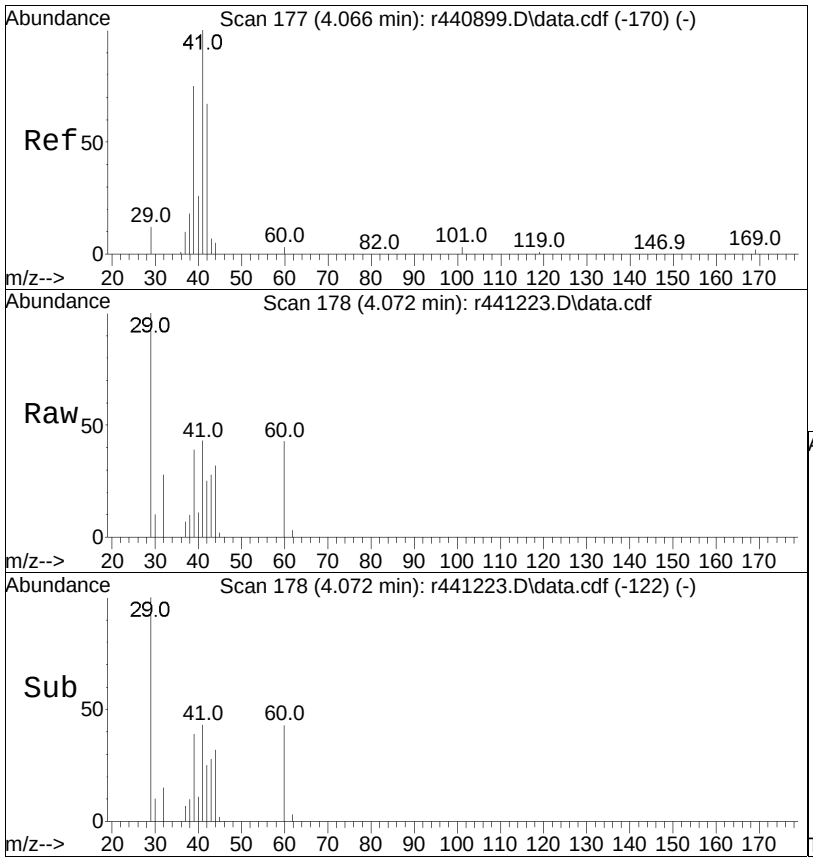
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15_STD+Naph - .rpiano4\2025\09\0929T\r441211.D

Data Path : X:\Airlab\Data\Airpiano4\2025\09\0929T\
Data File : r441223.D
Acq On : 29 Sep 2025 9:54 PM
Operator : AIRPIANO4:KJD
Sample : WG2121111-5,3,250,250
Misc : WG2121111,ICAL22628
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 30 07:08:16 2025
Quant Method : X:\Airlab\Data\Airpiano4\2025\09\0929T\TFS4_250911.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Sep 12 11:05:41 2025
Response via : Initial Calibration

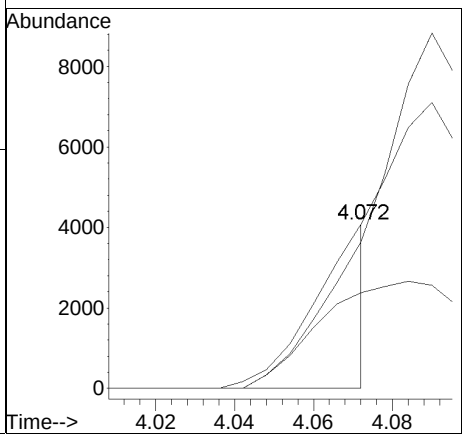


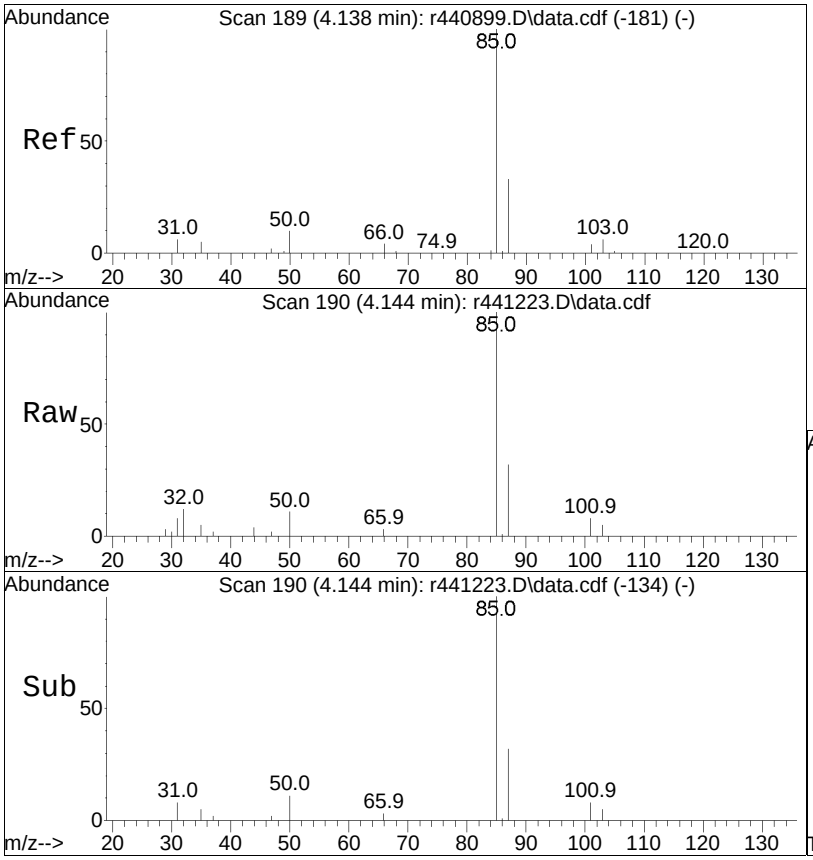


#3
propylene
Concen: 0.16 ppbV m
RT: 4.072 min Scan# 178
Delta R.T. 0.006 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 41 Resp: 3987

Ion	Ratio	Lower	Upper
41	100		
42	58.3	54.0	81.0
39	89.3	60.3	90.5

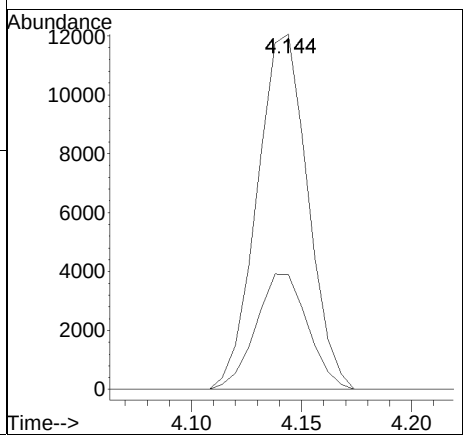


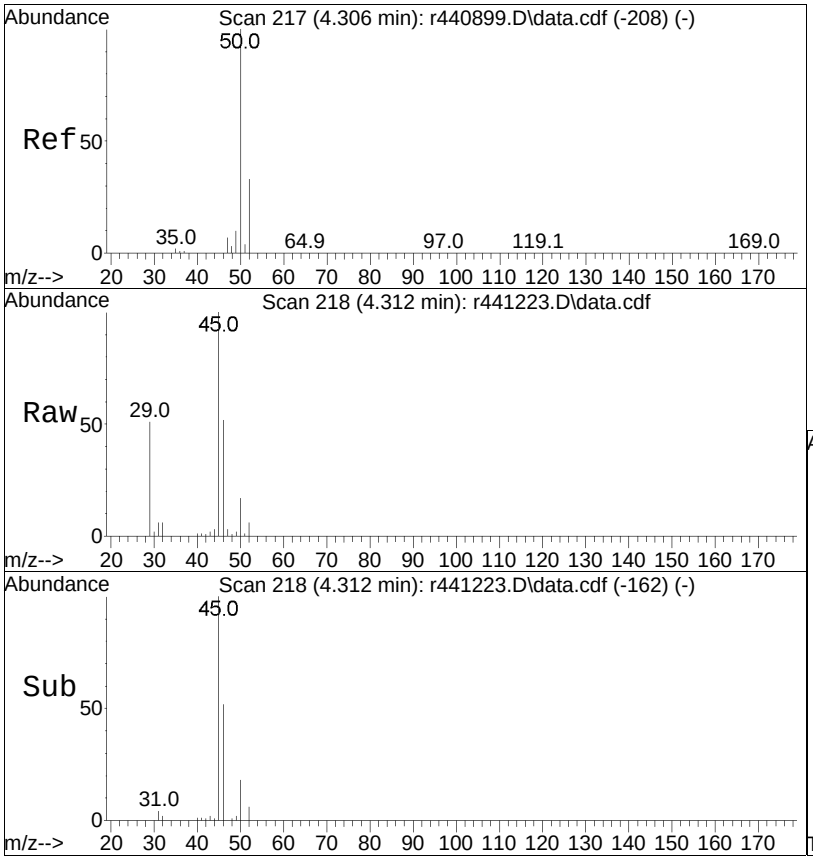


#5
dichlorodifluoromethane
Concen: 0.50 ppbV
RT: 4.144 min Scan# 190
Delta R.T. 0.006 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 85 Resp: 19296

Ion	Ratio	Lower	Upper
85	100		
87	32.3	26.1	39.1

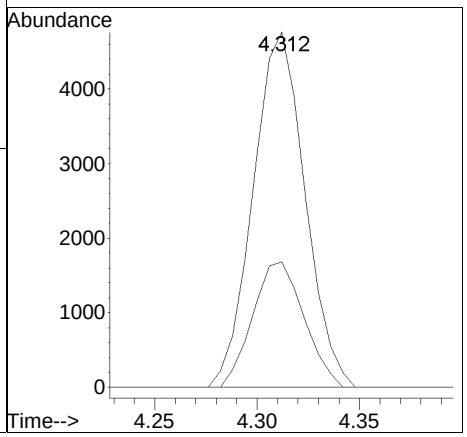


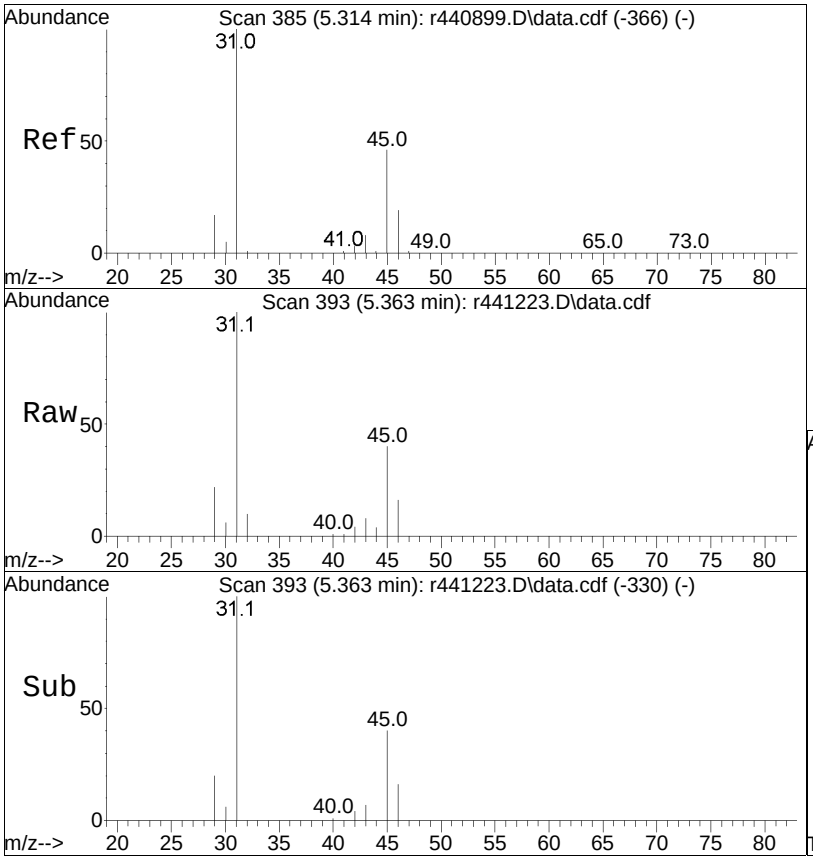


#6
chloromethane
Concen: 0.50 ppbV
RT: 4.312 min Scan# 218
Delta R.T. 0.006 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 50 Resp: 8390

Ion	Ratio	Lower	Upper
50	100		
52	35.3	26.6	40.0

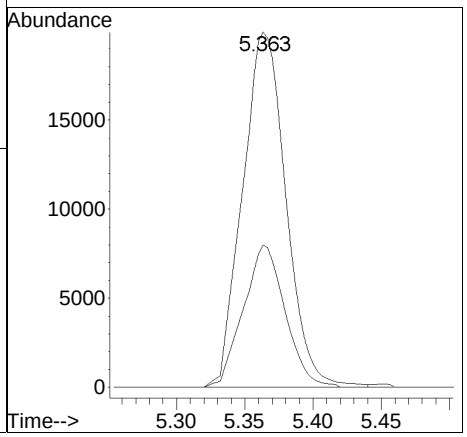


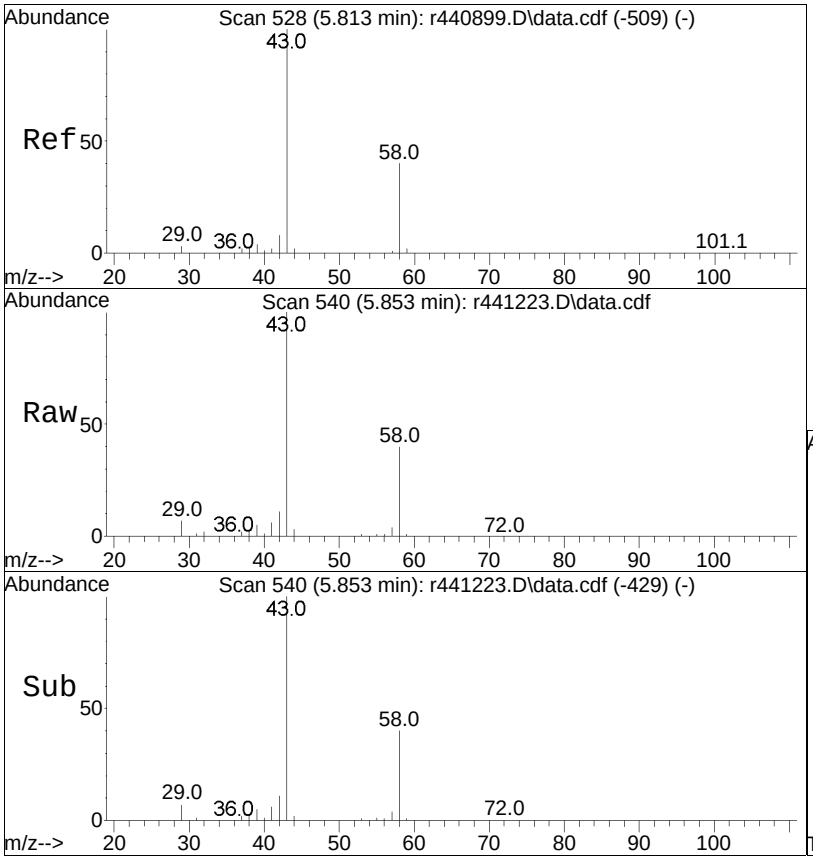


#15
ethanol
Concen: 3.47 ppbV
RT: 5.363 min Scan# 393
Delta R.T. 0.049 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 31 Resp: 46839

Ion	Ratio	Lower	Upper
31	100		
45	40.1	37.1	55.7

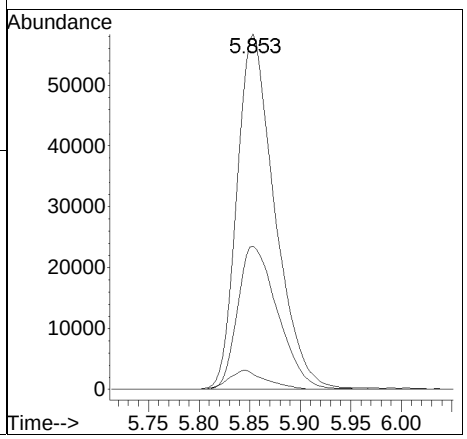


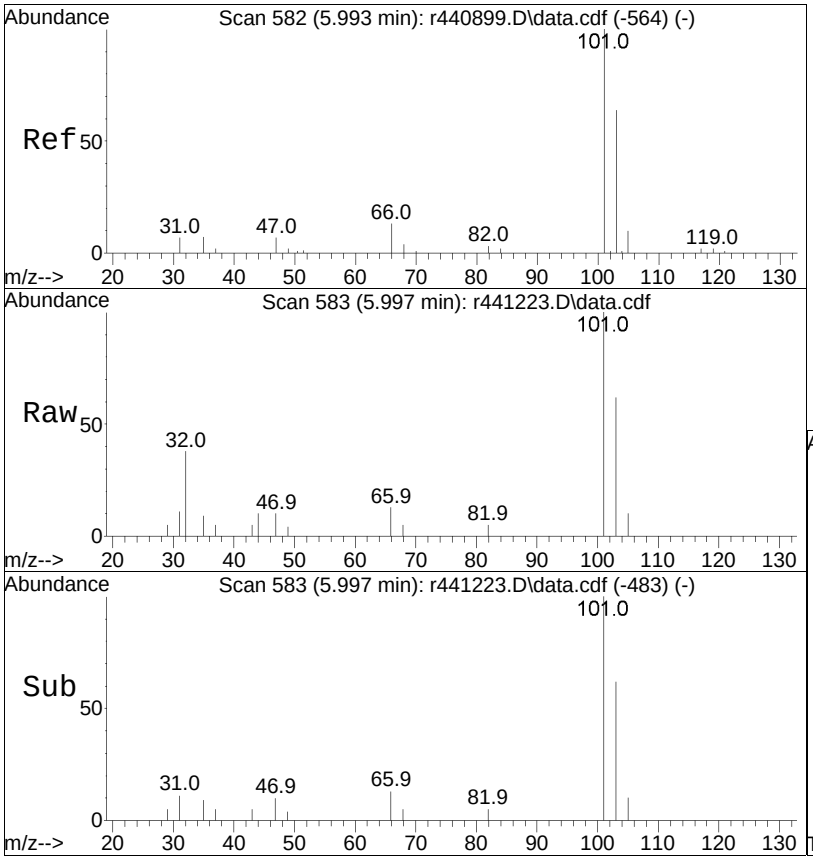


#19
acetone
Concen: 4.51 ppbV
RT: 5.853 min Scan# 540
Delta R.T. 0.040 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 43 Resp: 151976

Ion	Ratio	Lower	Upper
43	100		
58	40.3	32.2	48.4
57	4.2	0.9	1.3#

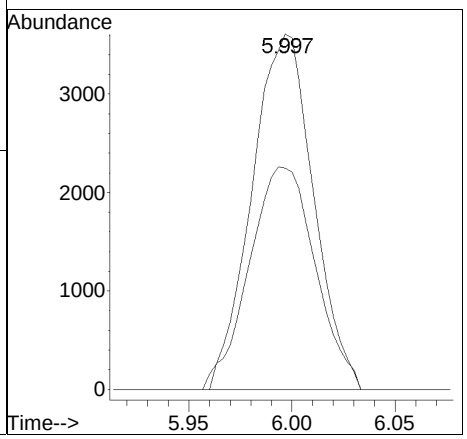


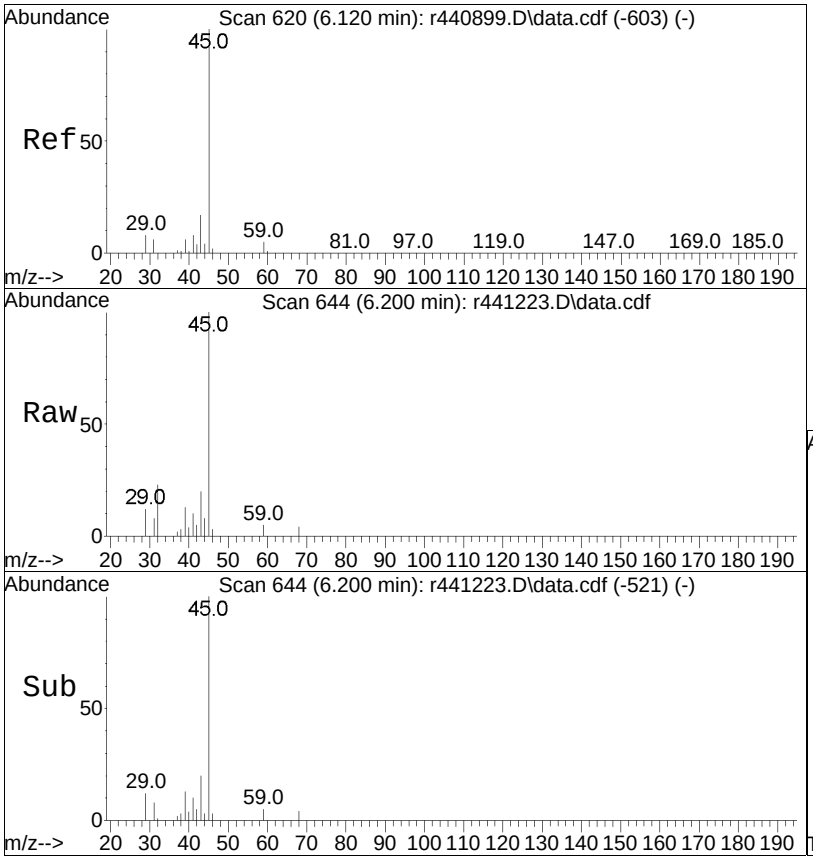


#21
trichlorofluoromethane
Concen: 0.18 ppbV
RT: 5.997 min Scan# 583
Delta R.T. 0.003 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion:101 Resp: 7523

Ion	Ratio	Lower	Upper
101	100		
103	62.3	51.1	76.7

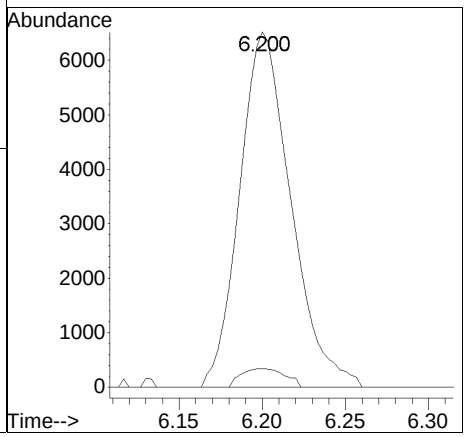


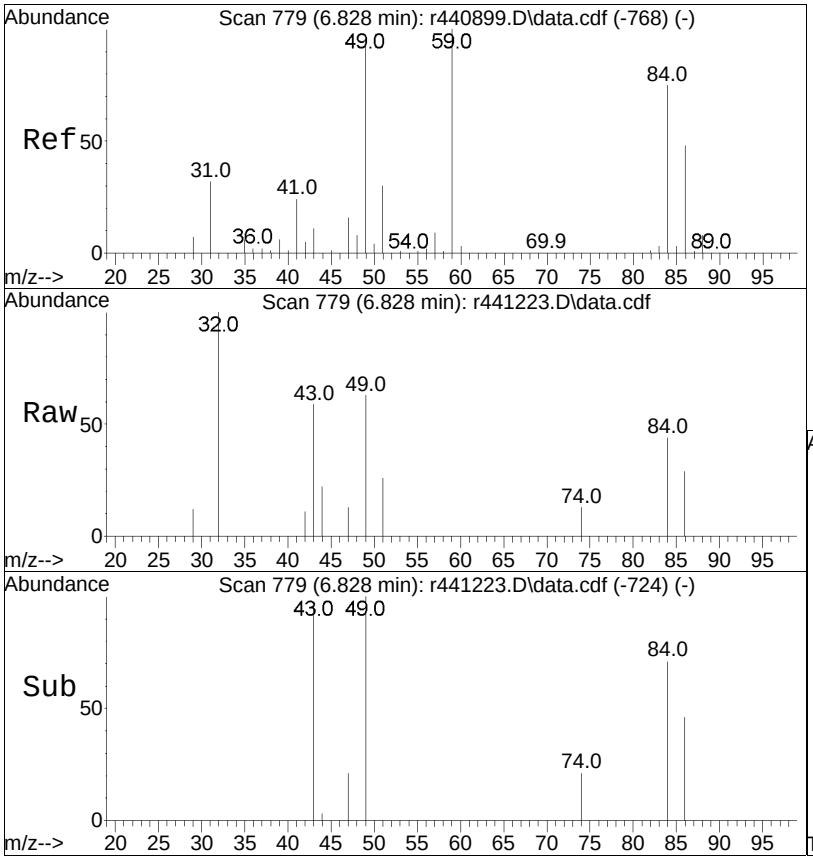


#22
isopropyl alcohol
Concen: 0.33 ppbV
RT: 6.200 min Scan# 644
Delta R.T. 0.080 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 45 Resp: 14000

Ion	Ratio	Lower	Upper
45	100		
59	5.2	3.8	5.6

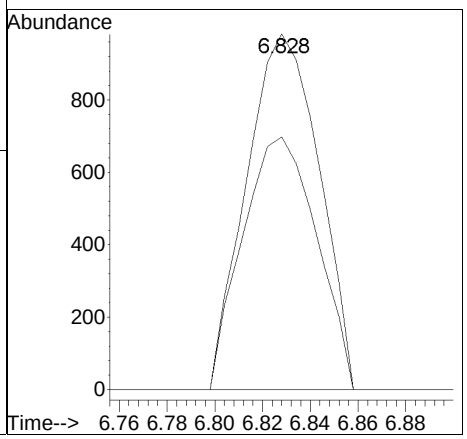


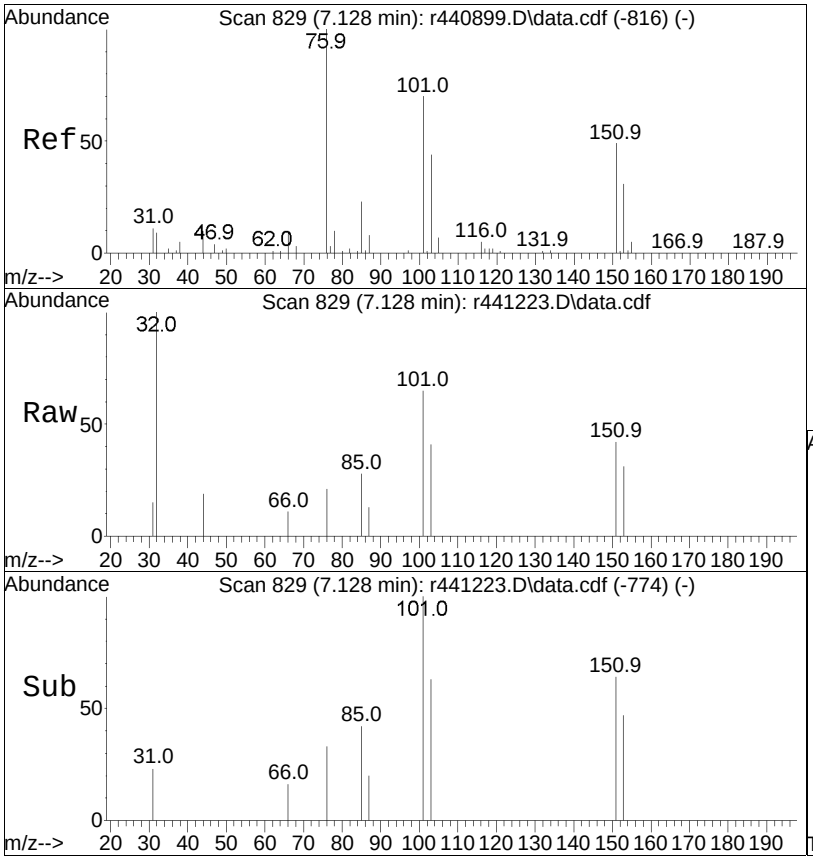


#28
methylene chloride
Concen: 0.09 ppbV
RT: 6.828 min Scan# 779
Delta R.T. 0.000 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 49 Resp: 2076

Ion	Ratio	Lower	Upper
49	100		
84	71.1	62.1	93.1

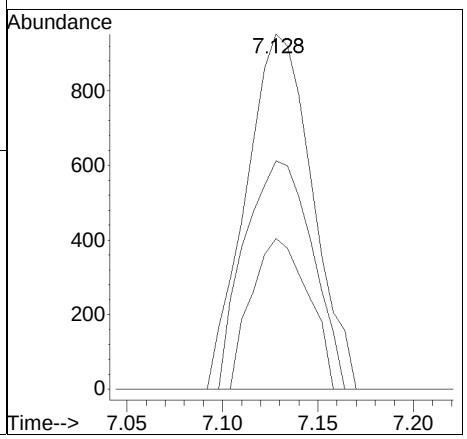


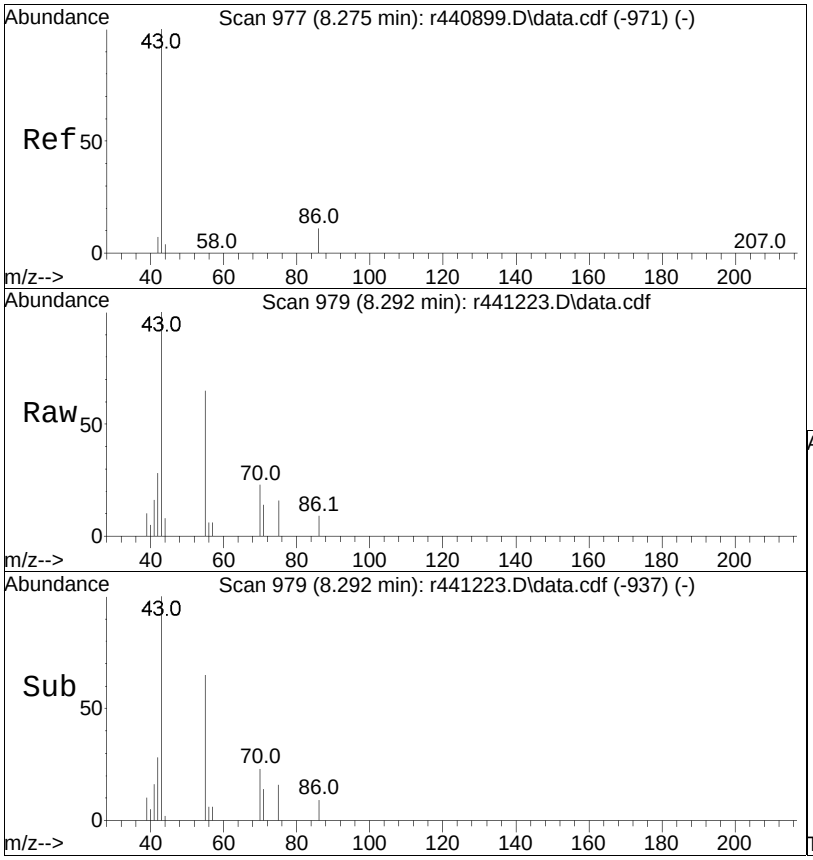


#31
Freon 113
Concen: 0.06 ppbV
RT: 7.128 min Scan# 829
Delta R.T. 0.000 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion:101 Resp: 2297

Ion	Ratio	Lower	Upper
101	100		
85	42.4	27.0	40.4#
151	64.3	56.2	84.2

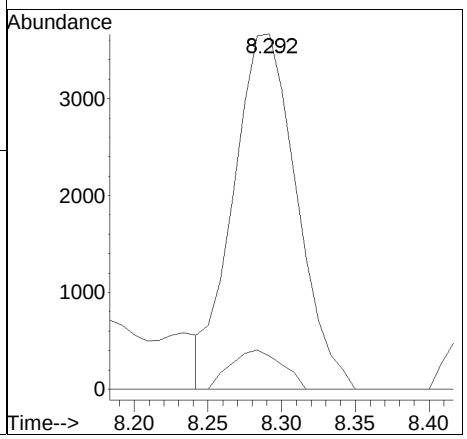


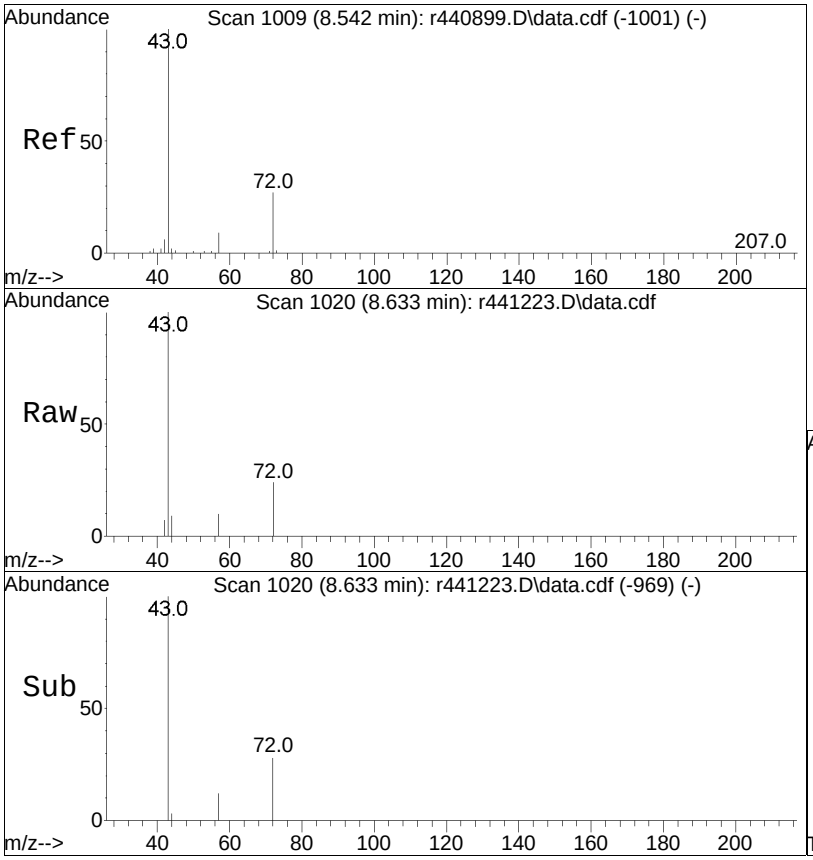


#35
vinyl acetate
Concen: 0.16 ppbV
RT: 8.292 min Scan# 979
Delta R.T. 0.017 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 43 Resp: 10980

Ion	Ratio	Lower	Upper
43	100		
86	9.4	8.5	12.7

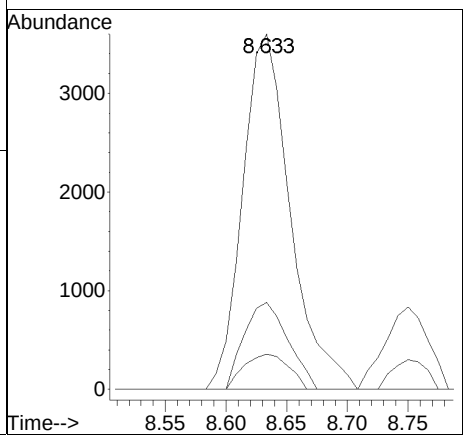


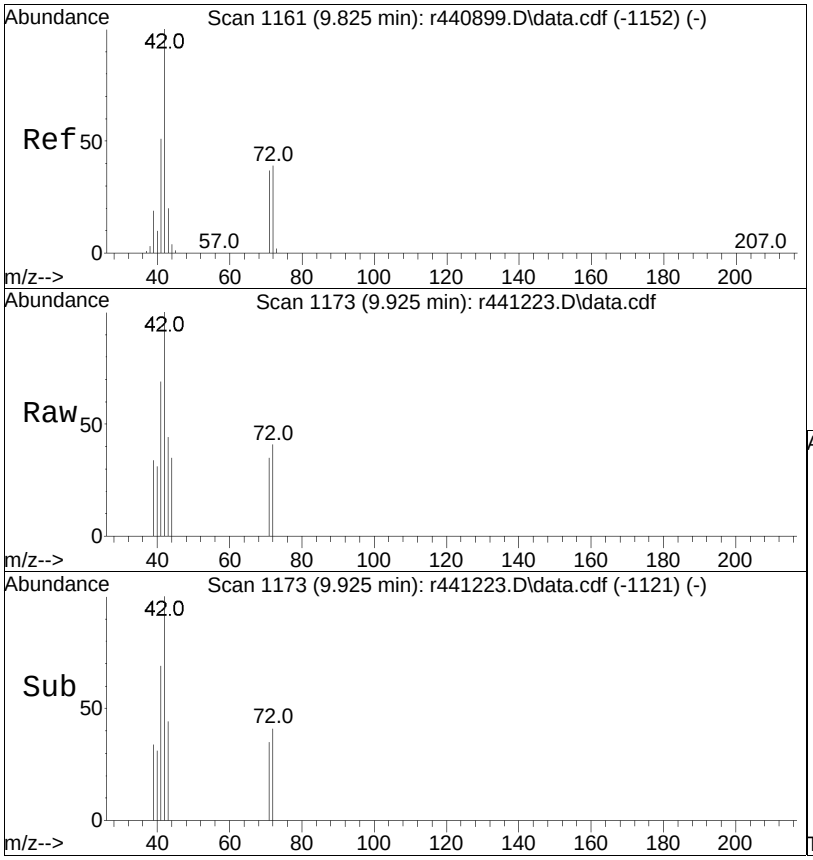


#36
2-butanone
Concen: 0.19 ppbV
RT: 8.633 min Scan# 1020
Delta R.T. 0.092 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 43 Resp: 10821

Ion	Ratio	Lower	Upper
43	100		
72	24.5	21.3	31.9
57	10.0	7.2	10.8

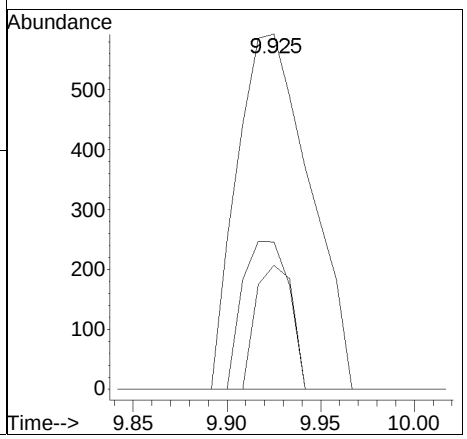


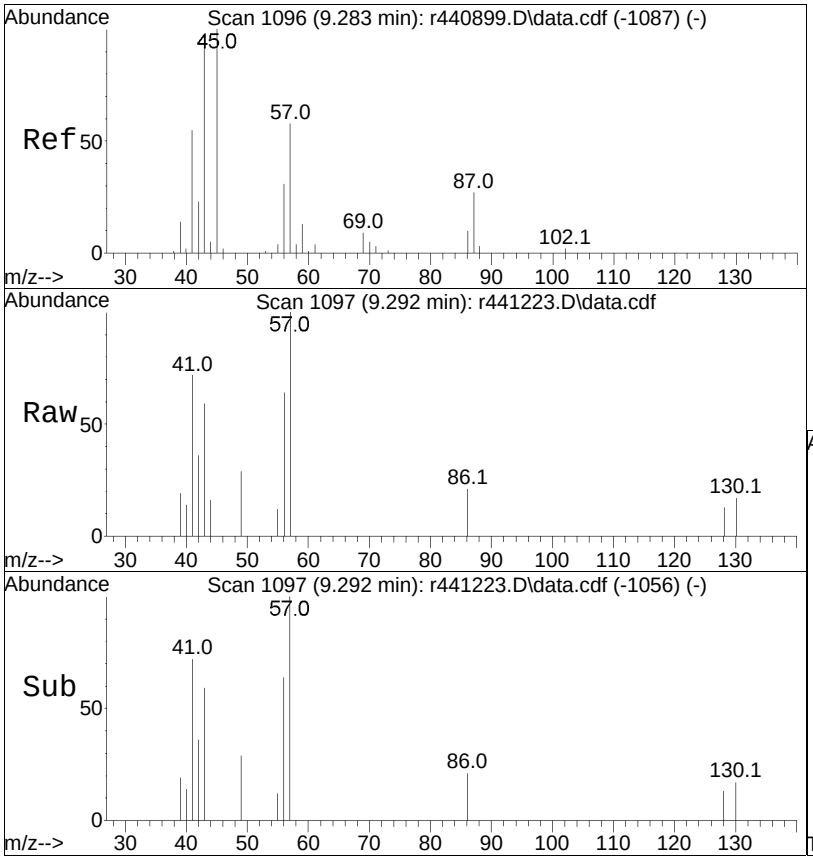


#40
Tetrahydrofuran
Concen: 0.05 ppbV
RT: 9.925 min Scan# 1173
Delta R.T. 0.100 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 42 Resp: 1594

Ion	Ratio	Lower	Upper
42	100		
71	34.9	29.7	44.5
72	41.5	31.1	46.7

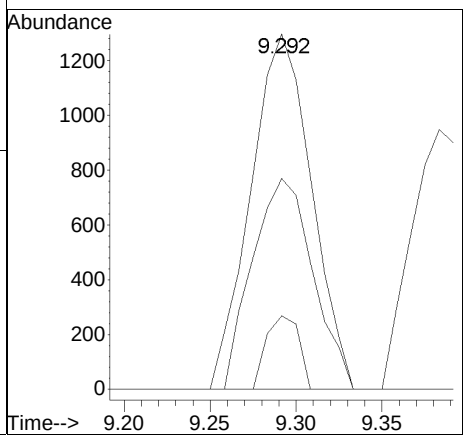


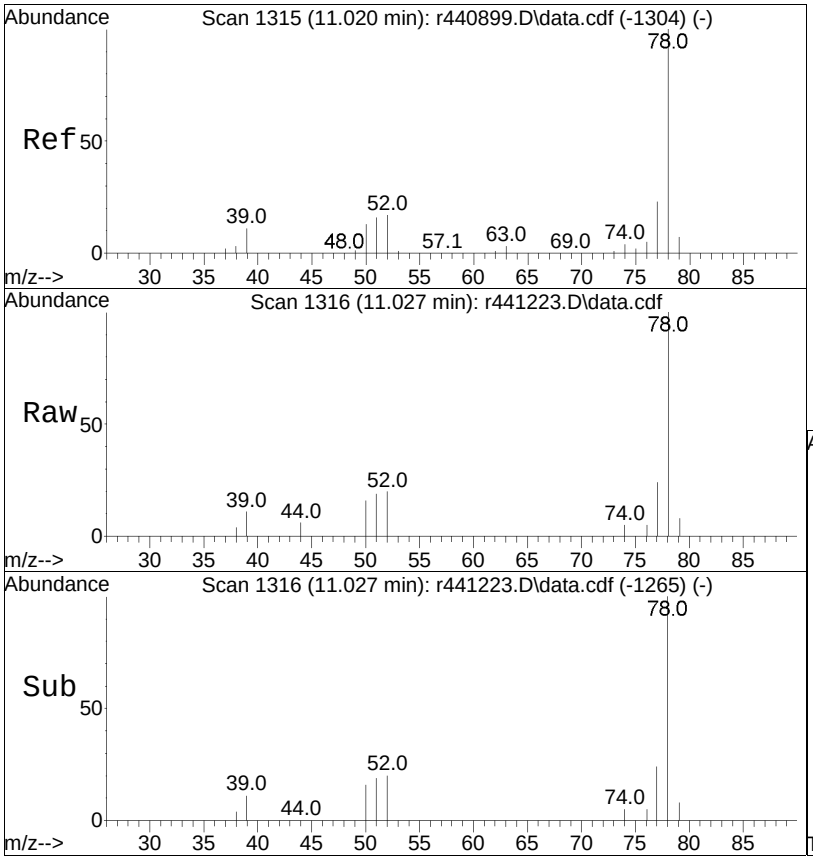


#44
hexane
Concen: 0.09 ppbV
RT: 9.292 min Scan# 1097
Delta R.T. 0.008 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 57 Resp: 3191

Ion	Ratio	Lower	Upper
57	100		
43	59.3	133.6	200.4#
86	20.7	13.8	20.6#

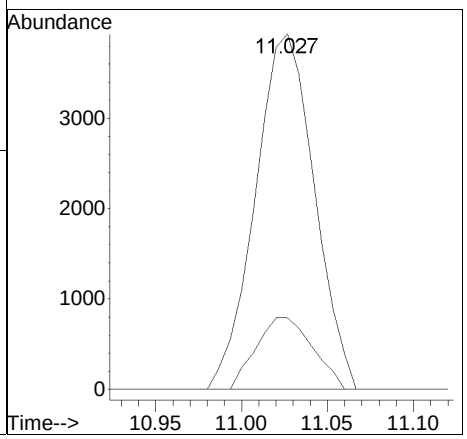


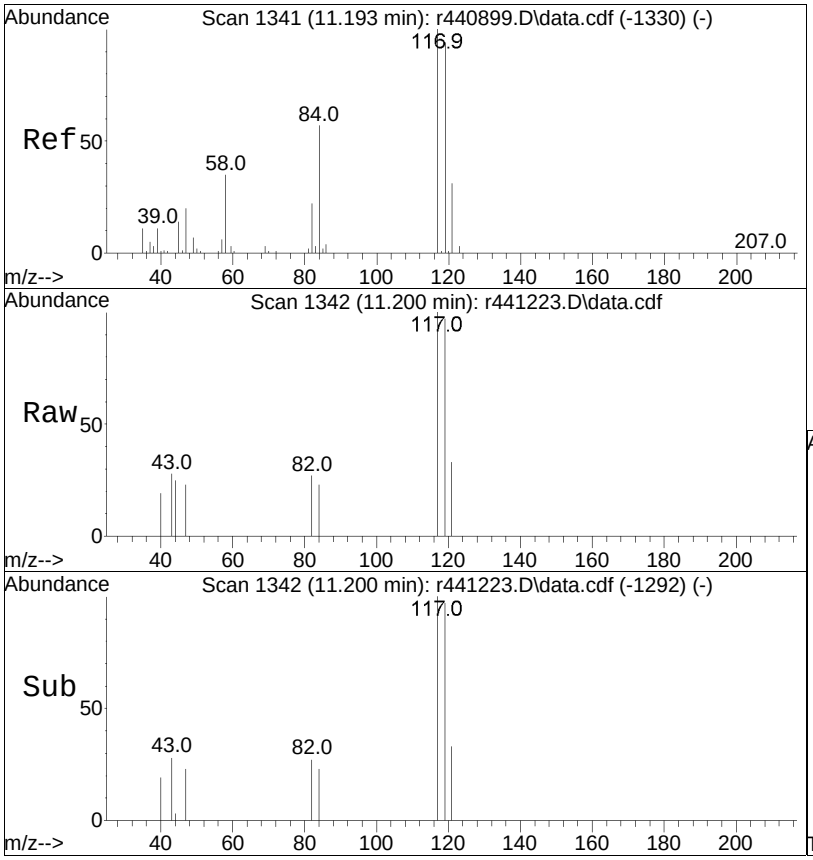


#50
benzene
Concen: 0.15 ppbV
RT: 11.027 min Scan# 1316
Delta R.T. 0.007 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 78 Resp: 9395

Ion	Ratio	Lower	Upper
78	100		
52	20.1	13.5	20.3

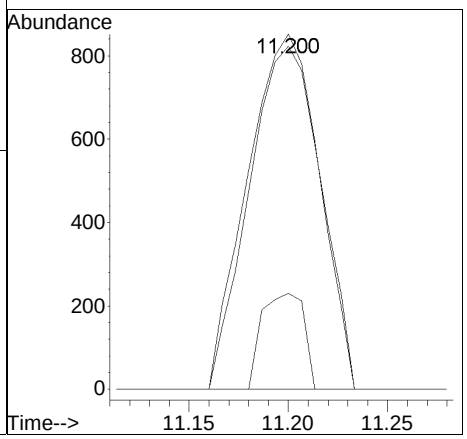


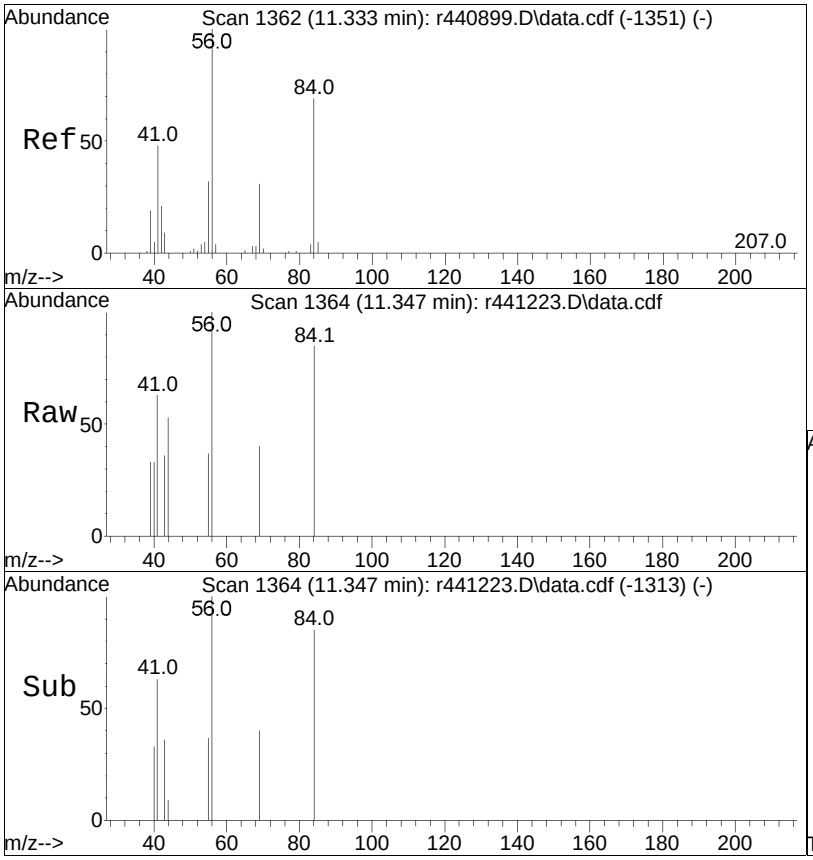


#52
carbon tetrachloride
Concen: 0.08 ppbV
RT: 11.200 min Scan# 1342
Delta R.T. 0.007 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion:117 Resp: 2146

Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.4	113.0
82	27.0	17.9	26.9#

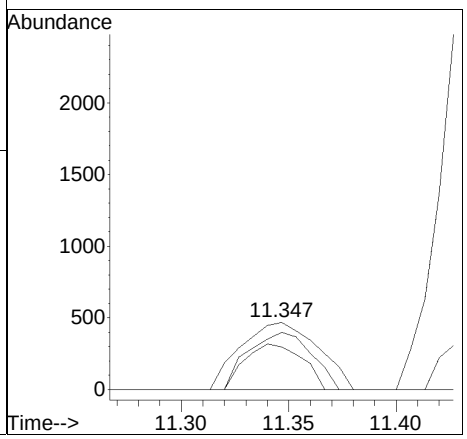


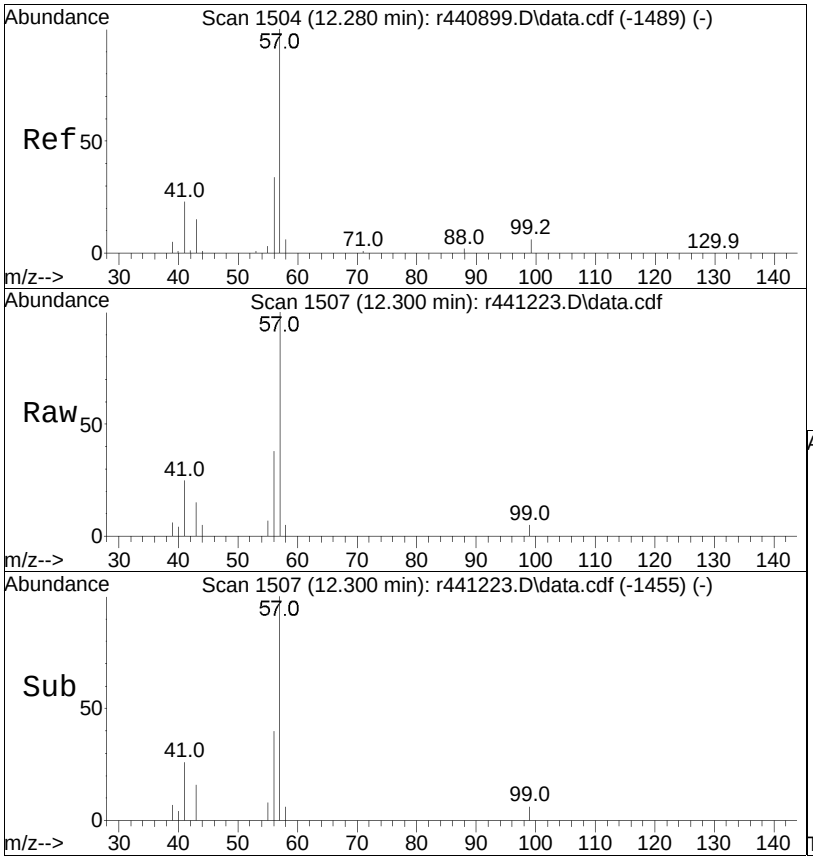


#53
cyclohexane
Concen: 0.03 ppbV
RT: 11.347 min Scan# 1364
Delta R.T. 0.013 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 56 Resp: 1169

Ion	Ratio	Lower	Upper
56	100		
84	85.3	55.5	83.3#
41	63.5	38.2	57.4#

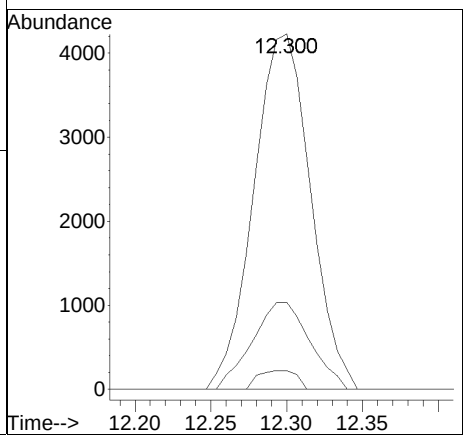


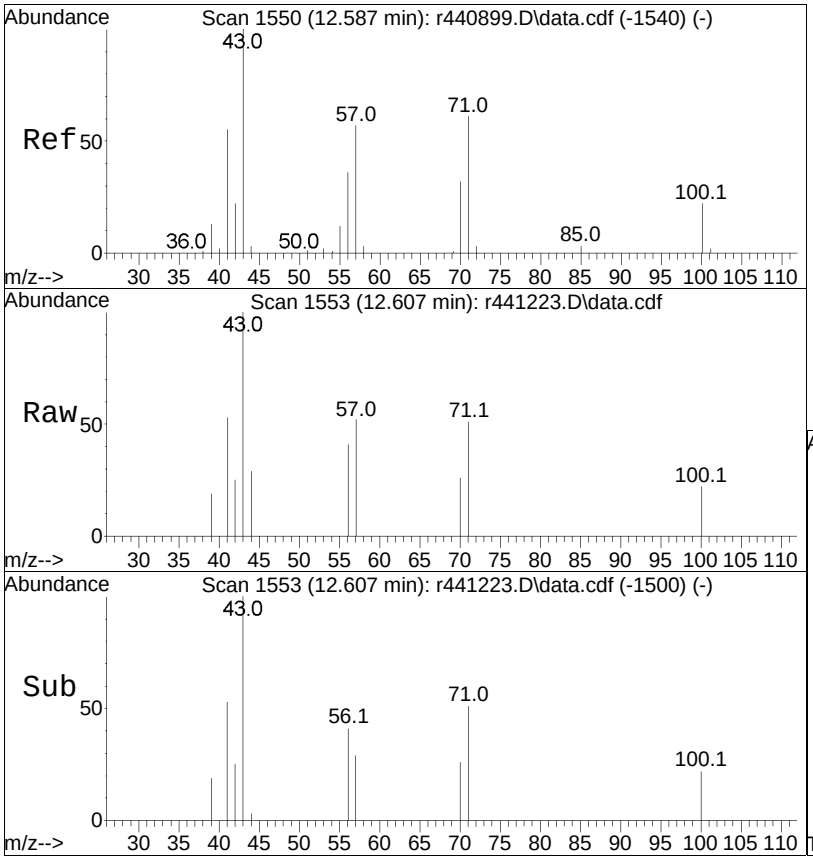


#60
2,2,4-trimethylpentane
Concen: 0.09 ppbV
RT: 12.300 min Scan# 1507
Delta R.T. 0.020 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 57 Resp: 11020

Ion	Ratio	Lower	Upper
57	100		
99	5.3	4.8	7.2
41	24.5	18.2	27.4

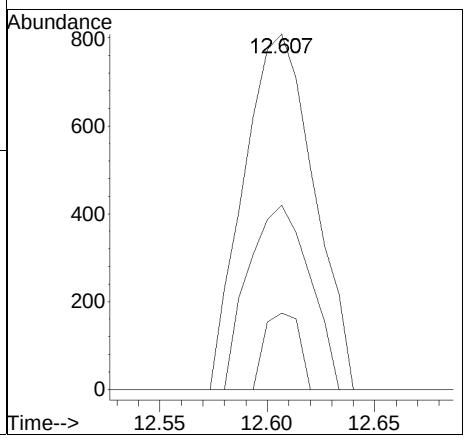


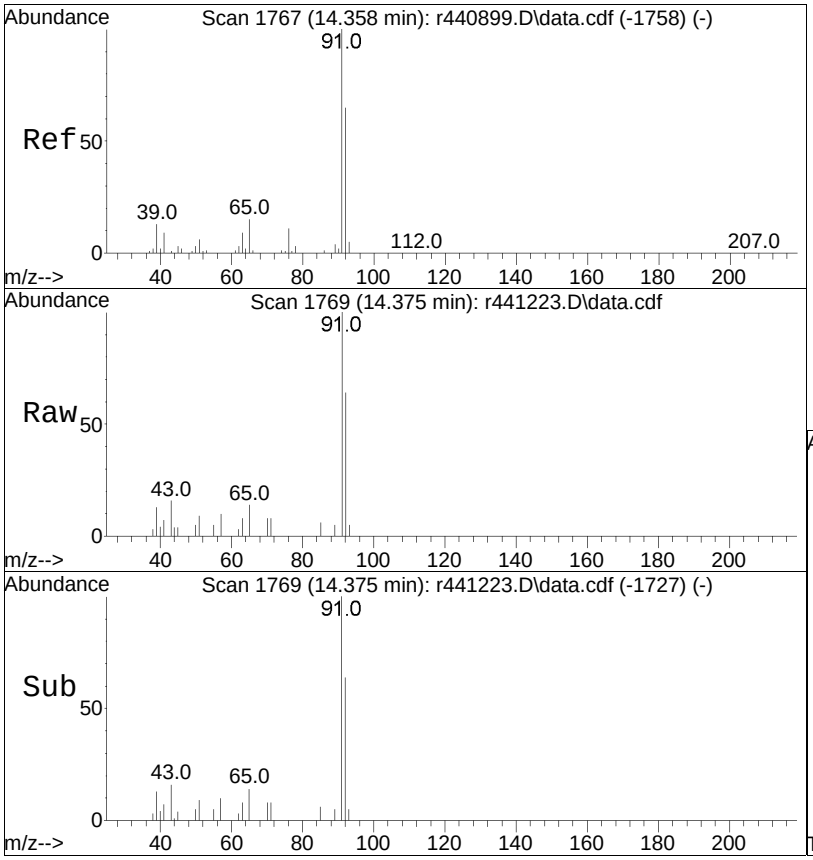


#62
heptane
Concen: 0.04 ppbV
RT: 12.607 min Scan# 1553
Delta R.T. 0.020 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 43 Resp: 1837

Ion	Ratio	Lower	Upper
43	100		
57	51.8	45.8	68.8
100	21.5	17.8	26.6

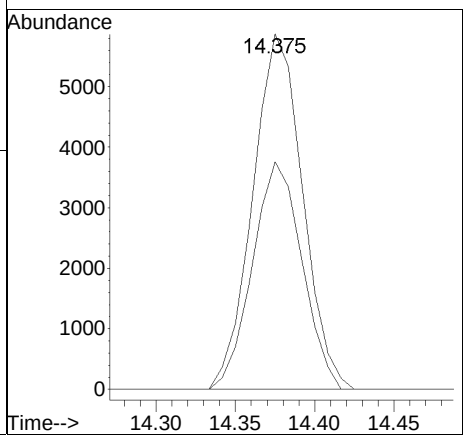


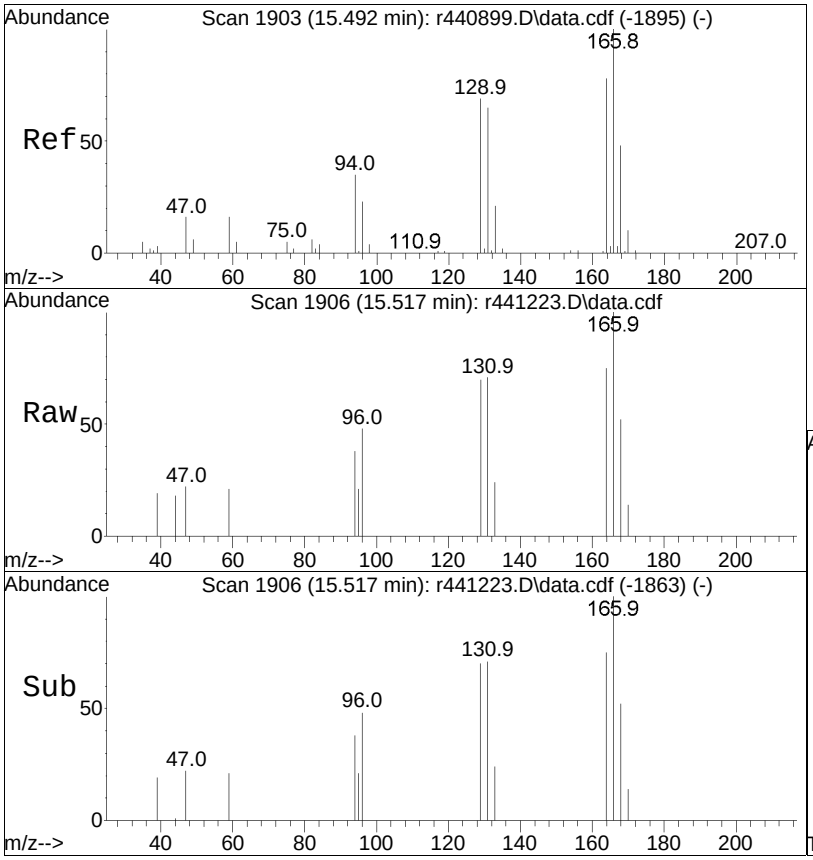


#68
toluene
Concen: 0.14 ppbV
RT: 14.375 min Scan# 1769
Delta R.T. 0.017 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 91 Resp: 12848

Ion	Ratio	Lower	Upper
91	100		
92	64.0	52.4	78.6

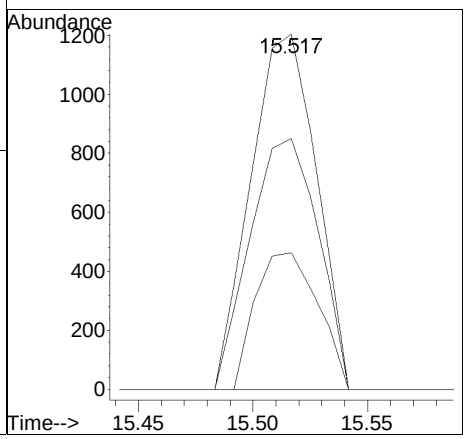


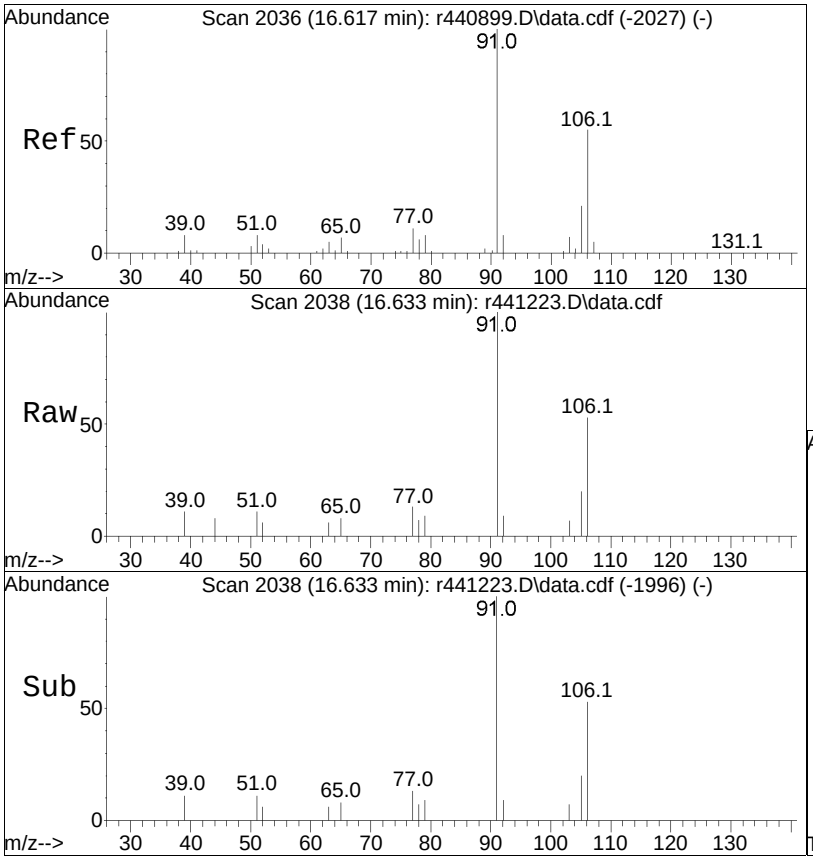


#78
tetrachloroethene
Concen: 0.06 ppbV
RT: 15.517 min Scan# 1906
Delta R.T. 0.025 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion:166 Resp: 2401

Ion	Ratio	Lower	Upper
166	100		
131	70.6	52.1	78.1
94	38.5	28.3	42.5

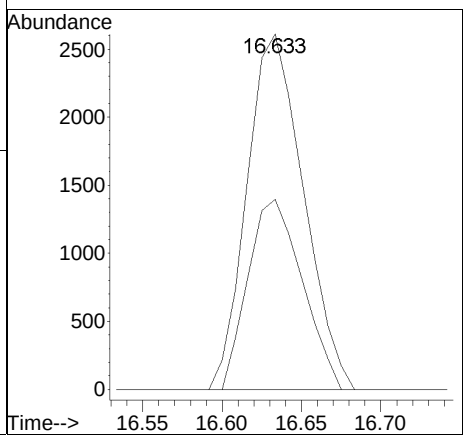




#83
m+p-xylene
Concen: 0.07 ppbV
RT: 16.633 min Scan# 2038
Delta R.T. 0.017 min
Lab File: r441223.D
Acq: 29 Sep 2025 9:54 PM

Tgt Ion: 91 Resp: 6468

Ion	Ratio	Lower	Upper
91	100		
106	53.5	43.9	65.9

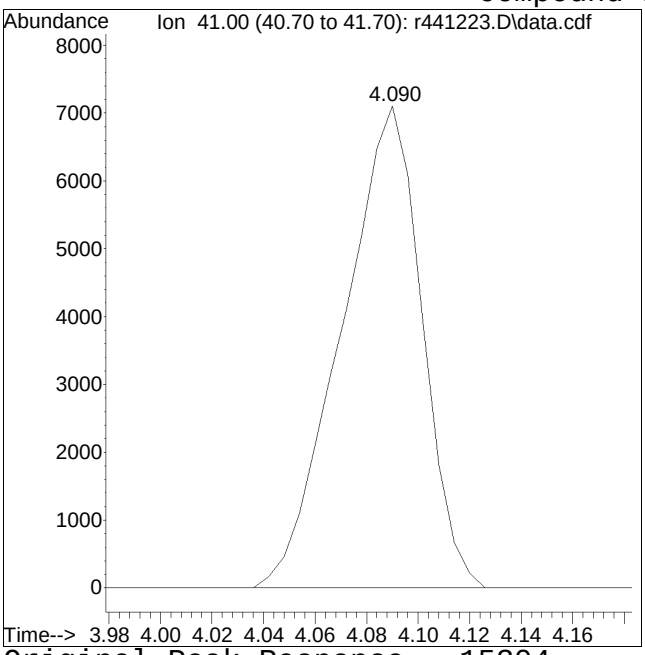


Manual Integration Report

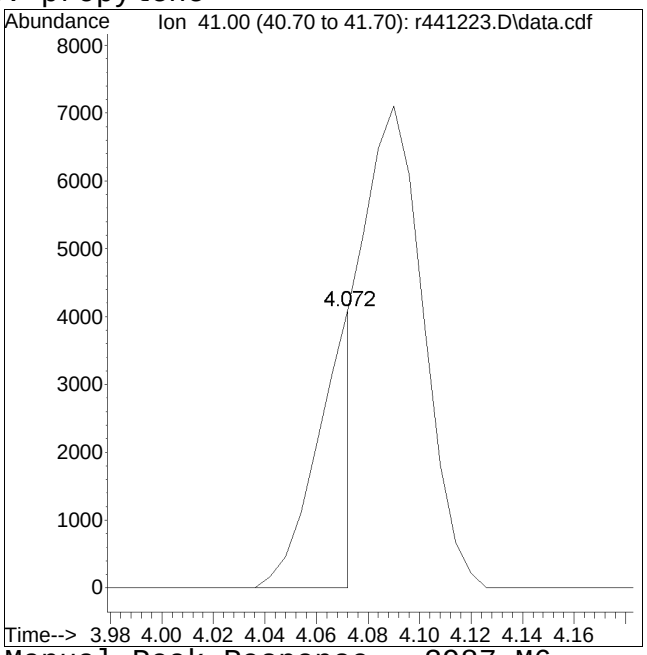
Data Path : X:\Airlab\Data\Airpiano4\2Q
Data File : r441223.D
Date Inj'd : 9/29/2025 9:54 PM
Sample : WG2121111-5,3,250,250

Method : TFS4_250911.M
Operator : AIRPIANO4:KJD
Instrument :
Quant Date : 9/30/2025 7:08 am

Compound #3: propylene



Original Peak Response = 15304



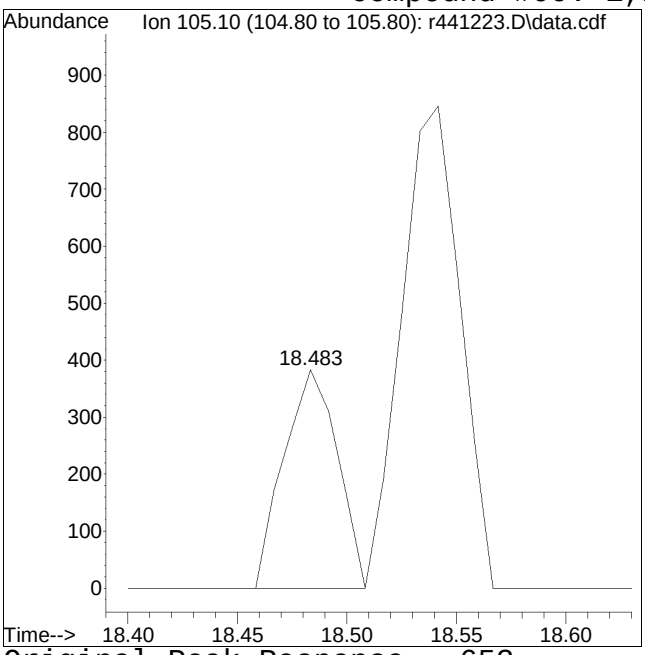
Manual Peak Response = 3987 M6

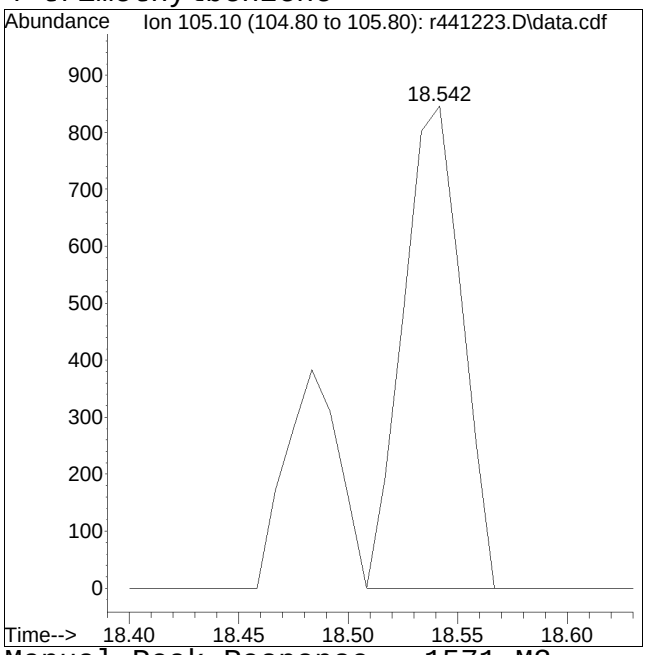
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airpiano4\2QMethod : TFS4_250911.M
Data File : r441223.D Operator : AIRPIANO4:KJD
Date Inj'd : 9/29/2025 9:54 PM Instrument :
Sample : WG2121111-5,3,250,250 Quant Date : 9/30/2025 7:08 am

Compound #99: 1,2,4-trimethylbenzene





Original Peak Response = 653 Manual Peak Response = 1571 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Calculation of Volatile Organic Compounds in Air

The instrument will calculate the concentration (ppbv). If the sample is diluted (DF), the result is multiplied by the DF to generate the final result.

Result, ppbv = C_s x DF
Where:
C_s = Concentration of sample (ppbv)
DF = Dilution Factor

Calculation of Instrument Dilution Factor

For dilutions, smaller sample volumes (< 250mL) are analyzed. The smallest volume that can be analyzed with accuracy is 10 mL.

Samples that arrive at the laboratory with pressures below -15 inches Hg must be pressurized with zero air to greater than -15 inches Hg. This pressurization results in a dilution factor.

Calculation of Dilution Factor
$DF = V_{cf} / V_{ci}$
Where:
V_{ci} = volume of air in canister prior to pressurization, L
P =

Conversion of ppbv to ug/m^3
ug/m^3 = (ppbv) * MW / 24.47
Where:
24.47 = molar gas constant (g/g-mole)
MW = molecular weight of the compound of interest

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

$V_{ci} = 2.7 * Pl/14.696$

Step 2: Calculate the volume in the canister after pressurization.

$V_{cf} = 2.7 * PF/14.696$

Step 3: Calculate the dilution factor.

$DF = V_{cf} / V_{ci}$

Where:

V_{ci} = volume of air in canister prior to pressurization, L
PI = pressure reading of canister prior to pressurization (psia)
V_{cf} = volume of air in canister after pressurization, L
PF = pressure reading of canister after pressurization (psia)
DF = dilution factor
14.696 = atmospheric pressure (psia)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Sep 30 2025, 02:11 pm

Work Group: WG2121111 for Department: 3 GC/MS

Created: 29-SEP-25 Due: Operator: KJD

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2500148-605	AIR DUMMY 605	S	TO15-LL	AIR	DONE	U	1001	1010	NC	CAN-CHOOSE
L2558176-01	709S:IA-1:A091225	S	TO15-LL	AIR	DONE	U	1012	0930	S0	Can-6
L2558176-02	709S:IA-2:A091225	S	TO15-LL	AIR	DONE	U	1012	0930	S0	Can-6
L2558176-03	709S:OA-1:A091225	S	TO15-LL	AIR	DONE	U	1012	0930	S0	Can-6
L2558176-04	IA-DUP:A091225	S	TO15-LL	AIR	DONE	U	1012	0930	S0	Can-6
L2558621-01	SS-01	S	TO15-LL	SOIL_VAPOR	DONE	U	1016	0930	S0	Can-2.7
L2558621-02	SS-02	S	TO15-LL	SOIL_VAPOR	DONE	U	1016	0930	S0	Can-2.7
L2560290-01	BCP-SV06_092425	S	TO15-LL	SOIL_VAPOR	DONE	U	1024	1001	S0	Can-6
L2560290-02	BCP-SV04_092425	S	TO15-LL	SOIL_VAPOR	DONE	U	1024	1001	S0	Can-6
L2560290-03	BCP-SV03_092425	S	TO15-LL	SOIL_VAPOR	DONE	U	1024	1001	S0	Can-6
L2560290-04	BCP-SV05_092425	S	TO15-LL	SOIL_VAPOR	DONE	U	1024	1001	S0	Can-6
L2560290-05	BCP-AA01_092425	S	TO15-LL	AIR	DONE	U	1024	1001	S0	Can-2.7
L2560290-06	BCP-SV02_092425	S	TO15-LL	SOIL_VAPOR	DONE	U	1024	1001	S0	Can-6
L2560290-07	BCP-SV01_092425	S	TO15-LL	SOIL_VAPOR	DONE	U	1024	1001	S0	Can-6
L2560983-01	SVE-INF-01_20250926	S	TO15-LL	SOIL_VAPOR	DONE	U	1026	1003	S0	Tedlar-Poly5
L2560983-02	SVE-EFF-01_20250926	S	TO15-LL	SOIL_VAPOR	DONE	U	1026	1003	S0	Tedlar-Poly5
L2560983-03	SVE-INF-02_20250926	S	TO15-LL	SOIL_VAPOR	DONE	U	1026	1003	S0	Tedlar-Poly5
L2560983-04	SVE-EFF-02_20250926	S	TO15-LL	SOIL_VAPOR	DONE	U	1026	1003	S0	Tedlar-Poly5
WG2121111-1	MS BFB Tune Standard	S	TO15-LL	AIR	DONE	U				
WG2121111-1	MS BFB Tune Standard	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2121111-2	Continuing Calibrati	S	TO15-LL	AIR	DONE	U				
WG2121111-2	Continuing Calibrati	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2121111-3	Laboratory Control S	S	TO15-LL	AIR	DONE	U				
WG2121111-3	Laboratory Control S	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2121111-4	Laboratory Method Bl	S	TO15-LL	AIR	DONE	U				
WG2121111-4	Laboratory Method Bl	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2121111-5	Duplicate Sample	S	TO15-LL	AIR	DONE	U				
WG2121111-5	Duplicate Sample	S	TO15-LL	SOIL_VAPOR	DONE	U				

Comments:

L2500148-605	USE FOR L2559686-02
WG2121111-5	L2500148-605

Instrument ID: AIRPIANO4

Internal Standard/Surrogate IDs: SS22-029 / SS21-026

Date: 09/11/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: BJB

Sequence File Name: 250911.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	TA4081801	TO15_SFS.qgm	R440891.qgd	250 mL	TUNE		NA
1	ITO15-SIMSTD0.02	TO15_SFS.qgm	R440892.qgd	250 mL	SIM ONLY	DEF	NA
1	ITO15-SIMSTD0.05	TO15_SFS.qgm	R440893.qgd	250 mL	SIM ONLY	DEF	NA
1	ITO15-SIMSTD0.1	TO15_SFS.qgm	R440894.qgd	250ml	SIM ONLY	DEF	NA
4	ITO15-SIMSTD0.2	TO15_SFS.qgm	R440895.qgd	50 mL SS25-017D		DEF	NA
4	ITO15-SIMSTD0.5	TO15_SFS.qgm	R440896.qgd	125 mL SS25-017D		DEF	NA
4	ITO15-SIMSTD1.0	TO15_SFS.qgm	R440897.qgd	250 mL SS25-017D		DEF	NA
5	ITO15-SIMSTD5.0	TO15_SFS.qgm	R440898.qgd	50 mL SS25-017C		DEF	NA
5	ITO15-SIMSTD010	TO15_SFS.qgm	R440899.qgd	125 mL SS25-017C		DEF	NA
5	ITO15-SIMSTD020	TO15_SFS.qgm	R440900.qgd	250 mL SS25-017C		DEF	NA
6	ITO15-SIMSTD050	TO15_SFS.qgm	R440901.qgd	125 mL SS25-017B		DEF	NA
6	ITO15-LLSTD100	TO15_SFS.qgm	R440902.qgd	250 mL SS25-017B		DEF	NA
7	BA4091101	TO15_SFS.qgm	R440903.qgd	50 mL SS25-017A		DEF	NA
7	BA4091102	TO15_SFS.qgm	R440904.qgd	125 mL SS25-017A		DEF	NA
7	CTO15-LLSTD010	TO15_SFS.qgm	R440905.qgd	250 mL SS25-017A	LL ICV FAILED	DEF-ICV	NA
1	CTO15-SIMSTD5.0	TO15_SFS.qgm	R440906.qgd	250 mL	SIM ICV FAILED	DEF	NA
1	CTO15-LLSTD010	TO15_SFS.qgm	R440907.qgd	250 mL	RR LAB AIR		NA
2	CTO15-LLSTD010	TO15_SFS.qgm	R440908.qgd	250 mL SS25-026F	LL ICV	DEF-ICV	NA
2	CTO15-SIMSTD5.0	TO15_SFS.qgm	R440909.qgd	125 mL SS25-026F	SIM ICV	DEF-ICV	NA

Instrument ID: AIRPIANO4

Internal Standard/Surrogate IDs: SS22-029 / SS21-026

Date: 09/29/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: KJD/ BJB

Sequence File Name: 250929.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	TA4092801	TO15_SFS.qgm	R441210.qgd	250mL	TUNE		NA
2	CA4092801	TO15_SFS.qgm	R441211.qgd	250 mL SS25-025B	CC		NA
3	CTO15-LLSTD10.0	TO15_SFS.qgm	R441212.qgd	250 mL SS25-026F	LL LCS		NA
3	CTO15-SIMSTD5.0	TO15_SFS.qgm	R441213.qgd	125 mL SS25-026F	SIM LCS		NA
1	BA4092801	TO15_SFS.qgm	R441214.qgd	250mL	LL BLANK		NA
1	BA4092802	TO15_SFS.qgm	R441215.qgd	250mL	SIM BLANK		NA
2	L2560290-05,3,250,250	TO15_SFS.qgm	R441216.qgd	WG2121111,ICAL22628		NY+NAPH	Y
3	L2558176-03,3,250,250	TO15_SFS.qgm	R441217.qgd	WG2121111,ICAL22628		STD+NAPH	Y
4	L2558176-01,3,250,250	TO15_SFS.qgm	R441218.qgd	WG2121111,ICAL22628		STD+NAPH	Y
5	L2558176-02,3,250,250	TO15_SFS.qgm	R441219.qgd	WG2121111,ICAL22628		STD+NAPH	Y
6	L2558176-04,3,250,250	TO15_SFS.qgm	R441220.qgd	WG2121111,ICAL22628		STD+NAPH	Y
7	L2559656-01,3,250,250	TO15_SFS.qgm	R441221.qgd	WG2121114,ICAL22627		STD+NAPH via SIM	Y
8	L2559656-02,3,250,250	TO15_SFS.qgm	R441222.qgd	WG2121114,ICAL22627		STD+NAPH via SIM	Y
8	L2559656-02DUP,3,250,250	TO15_SFS.qgm	R441223.qgd	WG2121114,ICAL22627	SIM (LL DUMMY) DUP	STD+NAPH via SIM	Y
9	L2560983-01D,3,6.24,250	TO15_SFS.qgm	R441224.qgd	WG2121111,ICAL22628	T	NY+NAPH	Y
10	L2560983-02D,3,125,250	TO15_SFS.qgm	R441225.qgd	WG2121111,ICAL22628	T	NY+NAPH	Y
11	L2560983-03D,3,9.98,250	TO15_SFS.qgm	R441226.qgd	WG2121111,ICAL22628	T	NY+NAPH	Y
12	L2560983-04D,3,75,250	TO15_SFS.qgm	R441227.qgd	WG2121111,ICAL22628	T	NY+NAPH	Y
13	L2558600-01D,3,103.74,250	TO15_SFS.qgm	R441228.qgd	WG2121114,ICAL22627		NYDEC-SIM	Y
14	L2558621-01,3,250,250	TO15_SFS.qgm	R441229.qgd	WG2121111,ICAL22628		NY+NAPH	Y
15	L2558621-02,3,250,250	TO15_SFS.qgm	R441230.qgd	WG2121111,ICAL22628		NY+NAPH	Y
16	L2560290-01,3,250,250	TO15_SFS.qgm	R441231.qgd	WG2121111,ICAL22628		NY+NAPH	Y
1	L2560290-02D,3,5.94,250	TO15_SFS.qgm	R441232.qgd	WG2121111,ICAL22628	T	NY+NAPH	Y
2	L2560290-03D,3,40,250	TO15_SFS.qgm	R441233.qgd	WG2121111,ICAL22628	T	NY+NAPH	Y
3	L2560290-04D,3,9.83,250	TO15_SFS.qgm	R441234.qgd	WG2121111,ICAL22628	T	NY+NAPH	Y

4	L2560290-06D,3,25,250	TO15_SFS.qgm	R441235.qgd	WG2121111,ICAL22628	T	NY+NAPH	Y
5	L2560290-07D,3,26.78,250	TO15_SFS.qgm	R441236.qgd	WG2121111,ICAL22628	ETOH OVERCAL	NY+NAPH	Y
5	L2560290-07D2,3,6.69,250	TO15_SFS.qgm	R441237.qgd	WG2121111,ICAL22628		ETOH	Y

Alpha Analytical, Inc.
Canister Dilution Worksheet

	NJDEP Required Information							Pressurization Dilution				Can Dilution				Instrument Dilution					
Sample ID	Can size, L	P_1, in Hg	P_1, atm	V_1, L	P_2, in Hg	P_2, atm	V_2, L	P_1, psia	P_2, psia	Dilution factor	Gas Used*	Volume injected, mL	Final Pressure, psia	Volume of Dilution Gas in Can, L	Can dilution factor	Volume of Bag or Can Analyzed, mL	Instrument Dilution Factor	Final Dilution Factor **	Final Volume Injected, mL ***	Analyst Initials	Barcode / SAMPLE ID SCANS
L2560983-01D	6.0	0.06	1.00	6.01	0.06	1.00	6.01	14.7	14.7	1.00	N2	50	29.4	2.00	40.08	250	1.00	40.08	6.24	KJD	I2560983-01a
L2560983-03D	6.0	0.06	1.00	6.01	0.06	1.00	6.01	14.7	14.7	1.00	N2	100	29.4	2.00	20.04	200	1.25	25.05	9.98	KJD	I2560983-03a

*N2 = Nitrogen and H2= Hydrogen

** Dilution factor on this spreadsheet may differ from reported dilution factor (calculated by LIMs) due to different rounding rules

*** Reported to 2 decimal places unless 0.01 or less; then 3 decimal places are reported

Analyst data input fields

Analyst Comments: SAMPLES
RECEIVED AS TEDLAR BAGS

in Hg = ((psia/14.67)*29.94)-29.94 atm =psia/14.67 psig=psia - 14.67 psia = dilution instrument reading

Form# 117-05
9/30/2025 10:01 AM

Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2565378

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Project Name: 1885 ATLANTIC AVE.
Project Number: 0205125

Lab Number: L2565378
Report Date: 10/20/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2565378-01	SVE-INF-01_20251015	SOIL_VAPOR	1885 ATLANTIC AVE., BROOKLYN, NY	10/15/25 12:05	10/15/25
L2565378-02	SVE-EFF-01_20251015	SOIL_VAPOR	1885 ATLANTIC AVE., BROOKLYN, NY	10/15/25 12:30	10/15/25
L2565378-03	SVE-INF-02_20251015	SOIL_VAPOR	1885 ATLANTIC AVE., BROOKLYN, NY	10/15/25 13:40	10/15/25
L2565378-04	SVE-EFF-02_20251015	SOIL_VAPOR	1885 ATLANTIC AVE., BROOKLYN, NY	10/15/25 14:00	10/15/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Volatile Organics in Air

L2565378-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2565378-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2565378-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2565378-04D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG2129876-3 LCS recovery associated with L2565378-01D, -02D, -03D, and -04D is above the upper 130% acceptance limit for trans-1,3-dichloropropene (133%). All samples associated with this LCS do not have reportable amounts of this analyte.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J Anderson Report Date: 10/21/25

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

ND or U - Not detected at the reporting limit (RL) for the sample.

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Pace Job Number : L2565378

Account Name : Haley & Aldrich
Project Number : 0205125
Project Name : 1885 ATLANTIC AVE.

Received : 15-OCT-2025
Reviewer : Christopher J Anderson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Oct 21 2025, 10:25 am

Login Number: L2565378
Account: HALEY-NYC Haley & AldrichProject: 0205125
Received: 15OCT25 Due Date: 22OCT25

Sample #	Client ID	Mat	PR	Collected
L2565378-01	SVE-INF-01_20251015	11	S0	15OCT25 12:05
| ASP-B Package Due Date: 10/22/25				
ASP-B,TEDLAR-POLY5,TO15-LL				
L2565378-02	SVE-EFF-01_20251015	11	S0	15OCT25 12:30
| Package Due Date: 10/22/25				
TEDLAR-POLY5,TO15-LL				
L2565378-03	SVE-INF-02_20251015	11	S0	15OCT25 13:40
| Package Due Date: 10/22/25				
TEDLAR-POLY5,TO15-LL				
L2565378-04	SVE-EFF-02_20251015	11	S0	15OCT25 14:00
| Package Due Date: 10/22/25				
TEDLAR-POLY5,TO15-LL				

Logged By: Christopher J Anderson

AIR ANALYSIS

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

PAGE 1 OF 1

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/16/25

Pace® Job #: L2565318

Client Information

Client: Haley & Aldrich of New York
Address: 213 W 35th St, Floor 7
New York, NY, 10001
Phone: 973-658-3904
Fax: mlevy@haleyaldrich.com
Email: mForshay@haleyaldrich.com

☐ These samples have been previously analyzed by Pace

Project Information

Project Name: 1985 Atlantic Ave
Project Location: 1985 Atlantic Ave, Brooklyn, NY
Project #: 0205125
Project Manager: Matt Forshay
Pace® Quote #:

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subset Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
653178-01	SVE-INF-01_20251015	10/15/25	10/15/25	12:05			SV	ZCR	5L			X						5L Tedlar Bag
-02	SVE-EFF-01_20251015	10/15/25	10/15/25	12:30			SV	ZCR	5L			X						5L Tedlar Bag
-03	SVE-INF-02_20251015	10/15/25	10/15/25	13:40			SV	ZCR	5L			X						5L Tedlar Bag
-04	SVE-EFF-02_20251015	10/15/25	10/15/25	14:00			SV	ZCR	5L			X						5L Tedlar Bag

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
Zavier Richards	10/15/25 17:10		10/15/25 17:10
	10/16/25 0520	Anthony Green	OCT 15 2025 2122
Anthony Green		Alberto Liz	10-16-25 0200
Alberto Liz 10-16-25 0535			10/16/25 0535

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

Supporting Documentation

Project Name: 1885 ATLANTIC AVE.

Project Number: 0205125

Lab Number: L2565378

Report Date: 10/20/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD

Organics

Volatile Organics in Air
TO-15 Low Level

Volatiles QC Summary

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2565378
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2129876-3	**Analysis Date** : 10/19/25 13:01	**File ID** : R266203
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Dichlorodifluoromethane	10	10.4	104				-	70-130	-
Chloromethane	10	9.57	96				-	70-130	-
Freon-114	10	10.8	108				-	70-130	-
Vinyl chloride	10	10.2	102				-	70-130	-
1,3-Butadiene	10	10.3	103				-	70-130	-
Bromomethane	10	10.6	106				-	70-130	-
Chloroethane	10	10.6	106				-	70-130	-
Ethanol	50	42.4	85				-	40-160	-
Vinyl bromide	10	10.2	102				-	70-130	-
Acetone	50	48.8	98				-	40-160	-
Trichlorofluoromethane	10	10.6	106				-	70-130	-
Isopropanol	25	22.8	91				-	40-160	-
1,1-Dichloroethene	10	10.5	105				-	70-130	-
Tertiary butyl Alcohol	10	8.60	86				-	70-130	-
Methylene chloride	10	10.4	104				-	70-130	-
3-Chloropropene	10	9.96	100				-	70-130	-
Carbon disulfide	10	9.46	95				-	70-130	-
Freon-113	10	10.3	103				-	70-130	-
trans-1,2-Dichloroethene	10	10.0	100				-	70-130	-
1,1-Dichloroethane	10	10.1	101				-	70-130	-
Methyl tert butyl ether	10	10.6	106				-	70-130	-
2-Butanone	10	11.6	116				-	70-130	-
cis-1,2-Dichloroethene	10	11.0	110				-	70-130	-
Ethyl Acetate	10	9.82	98				-	70-130	-
Chloroform	10	10.4	104				-	70-130	-
Tetrahydrofuran	10	11.6	116				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2565378
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2129876-3	**Analysis Date** : 10/19/25 13:01	**File ID** : R266203
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dichloroethane	10	9.94	99				-	70-130	-
n-Hexane	10	11.5	115				-	70-130	-
1,1,1-Trichloroethane	10	9.48	95				-	70-130	-
Benzene	10	10.9	109				-	70-130	-
Carbon tetrachloride	10	10.7	107				-	70-130	-
Cyclohexane	10	11.8	118				-	70-130	-
1,2-Dichloropropane	10	10.9	109				-	70-130	-
Bromodichloromethane	10	11.1	111				-	70-130	-
1,4-Dioxane	10	10.7	107				-	70-130	-
Trichloroethene	10	10.6	106				-	70-130	-
2,2,4-Trimethylpentane	10	11.4	114				-	70-130	-
Heptane	10	11.9	119				-	70-130	-
cis-1,3-Dichloropropene	10	11.9	119				-	70-130	-
4-Methyl-2-pentanone	10	11.8	118				-	70-130	-
trans-1,3-Dichloropropene	10	13.3	133 Q				-	70-130	-
1,1,2-Trichloroethane	10	10.7	107				-	70-130	-
Toluene	10	10.8	108				-	70-130	-
2-Hexanone	10	11.0	110				-	70-130	-
Dibromochloromethane	10	10.6	106				-	70-130	-
1,2-Dibromoethane	10	10.8	108				-	70-130	-
Tetrachloroethene	10	9.70	97				-	70-130	-
Chlorobenzene	10	10.0	100				-	70-130	-
Ethylbenzene	10	10.8	108				-	70-130	-
p/m-Xylene	20	21.9	110				-	70-130	-
Bromoform	10	10.5	105				-	70-130	-
Styrene	10	10.8	108				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2565378
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2129876-3	**Analysis Date** : 10/19/25 13:01	**File ID** : R266203
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
1,1,2,2-Tetrachloroethane	10	10.2	102				-	70-130	-
o-Xylene	10	10.6	106				-	70-130	-
4-Ethyltoluene	10	10.8	108				-	70-130	-
1,3,5-Trimethylbenzene	10	11.0	110				-	70-130	-
1,2,4-Trimethylbenzene	10	10.7	107				-	70-130	-
Benzyl chloride	10	7.74	77				-	70-130	-
1,3-Dichlorobenzene	10	9.69	97				-	70-130	-
1,4-Dichlorobenzene	10	9.73	97				-	70-130	-
1,2-Dichlorobenzene	10	9.44	94				-	70-130	-
1,2,4-Trichlorobenzene	10	9.30	93				-	70-130	-
Naphthalene	10	10.3	103				-	70-130	-
Hexachlorobutadiene	10	7.76	78				-	70-130	-

Method Blank Summary
Form 4
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2565378
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Lab Sample ID	: WG2129876-4	**Lab File ID**	: R266205
Instrument ID	: AIRLAB26		
Matrix	: AIR	**Analysis Date**	: 10/19/25 15:07

Client Sample No.	Lab Sample ID	Analysis Date
WG2129876-3LCS	WG2129876-3	10/19/25 13:01
IA-2DUP	WG2129876-5	10/19/25 22:32
SVE-INF-01_20251015	L2565378-01D	10/20/25 02:18
SVE-EFF-01_20251015	L2565378-02D	10/20/25 02:48
SVE-INF-02_20251015	L2565378-03D	10/20/25 03:20
SVE-EFF-02_20251015	L2565378-04D	10/20/25 03:53

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2565378
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB26	**Analysis Date**	: 10/02/25 18:39
Tune Standard	: WG2123676-1	**Tune File ID**	: R265851_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	15.6
75	30.0 - 66.0% of mass 95	47.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.8 (1)1
174	50.0 - 120.0% of mass 95	85.3
175	4.0 - 9.0% of mass 174	6.5 (7.6)1
176	93.0 - 101% of mass 174	82.7 (97)1
177	5.0 - 9.0% of mass 176	5.3 (6.4)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.2	R2019104-1	R265855	10/02/25 20:54
STD0.5	R2019104-2	R265856	10/02/25 21:32
STD1.0	R2019104-3	R265857	10/02/25 22:12
STD5.0	R2019104-4	R265858	10/02/25 22:49
STD010	R2019104-5	R265859	10/02/25 23:29
STD020	R2019104-6	R265860	10/03/25 00:05
STD050	R2019104-7	R265861	10/03/25 00:43
STD100	R2019104-8	R265862	10/03/25 01:23
ICV QUANT	R2019104-9	R265865	10/03/25 17:17

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2565378
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB26	**Analysis Date**	: 10/19/25 11:43
Tune Standard	: WG2129876-1	**Tune File ID**	: R266201_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	16
75	30.0 - 66.0% of mass 95	47
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (.5)1
174	50.0 - 120.0% of mass 95	77.9
175	4.0 - 9.0% of mass 174	5.7 (7.3)1
176	93.0 - 101% of mass 174	75.7 (97.2)1
177	5.0 - 9.0% of mass 176	5.1 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2129876-2CCAL	WG2129876-2	R266202	10/19/25 12:22
WG2129876-3LCS	WG2129876-3	R266203	10/19/25 13:01
WG2129876-4BLANK	WG2129876-4	R266205	10/19/25 15:07
WG2129876-5DUP	WG2129876-5	R266213	10/19/25 22:32
SVE-INF-01_20251015	L2565378-01D	R266220	10/20/25 02:18
SVE-EFF-01_20251015	L2565378-02D	R266221	10/20/25 02:48
SVE-INF-02_20251015	L2565378-03D	R266222	10/20/25 03:20
SVE-EFF-02_20251015	L2565378-04D	R266223	10/20/25 03:53

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2565378
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB26	**Analysis Date**	: 10/19/25 12:22:00
Sample No	: WG2129876-2	**Lab File ID**	: R266202

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG2129876-2	199817	3.43	700064	4.32	104710	6.44
Upper Limit	279744	3.76	980090	4.65	146594	6.77
Lower Limit	119890	3.10	420038	3.99	62826	6.11
Sample ID						
WG2129876-3 LCS	193463	3.43	689256	4.32	106819	6.44
WG2129876-4 BLANK	190910	3.43	684311	4.32	102371	6.44
IA-2 DUP	180559	3.43	621293	4.32	93543	6.44
SVE-INF-01_20251015	175705	3.43	612455	4.32	106114	6.44
SVE-EFF-01_20251015	185477	3.43	632166	4.32	119199	6.44
SVE-INF-02_20251015	191929	3.43	652608	4.32	105155	6.44
SVE-EFF-02_20251015	188536	3.43	641536	4.32	123832	6.44

Area Upper Limit = +40% of internal standard area
Area Lower Limit = - 40% of internal standard area

RT Upper Limit = +0.33 minutes of internal standard RT
RT Lower Limit = -0.33 minutes of internal standard RT

* Values outside of QC limits

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19301-1
Page: 1

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,1,1-Trichloroethane	71-55-6	0.2	0.0614	ppbV	70-130			25	25			
1,1,2,2-Tetrachloroethane	79-34-5	0.2	0.052	ppbV	70-130			25	25			
1,1,2-Trichloroethane	79-00-5	0.2	0.0582	ppbV	70-130			25	25			
1,1-Dichloroethane	75-34-3	0.2	0.0568	ppbV	70-130			25	25			
1,1-Dichloroethene	75-35-4	0.2	0.0568	ppbV	70-130			25	25			
1,2,3-Trimethylbenzene	526-73-8	0.2	0.0576	ppbV	70-130			25	25			
1,2,4-Trichlorobenzene	120-82-1	0.2	0.1	ppbV	70-130			25	25			
1,2,4-Trimethylbenzene	95-63-6	0.2	0.0577	ppbV	70-130			25	25			
1,2,4,5-Tetramethylbenzene	95-93-2	0.2	0.135	ppbV	70-130			25	25			
1,2-Dibromoethane	106-93-4	0.2	0.0544	ppbV	70-130			25	25			
1,2-Dichlorobenzene	95-50-1	0.2	0.0619	ppbV	70-130			25	25			
1,2-Dichloroethane	107-06-2	0.2	0.0787	ppbV	70-130			25	25			
1,2-Dichloropropane	78-87-5	0.2	0.0631	ppbV	70-130			25	25			
1,3,5-Trimethylbenzene	108-67-8	0.2	0.06	ppbV	70-130			25	25			
1,3-Butadiene	106-99-0	0.2	0.0619	ppbV	70-130			25	25			
1,3-Dichlorobenzene	541-73-1	0.2	0.0777	ppbV	70-130			25	25			
1,4-Dichlorobenzene	106-46-7	0.2	0.0826	ppbV	70-130			25	25			
1,4-Dioxane	123-91-1	0.2	0.0538	ppbV	70-130			25	25			
2,2,4-Trimethylpentane	540-84-1	0.2	0.0692	ppbV	70-130			25	25			
2-Butanone	78-93-3	0.5	0.099	ppbV	70-130			25	25			
2-Hexanone	591-78-6	0.2	0.0912	ppbV	70-130			25	25			
2-Methylthiophene	554-14-3	0.2	0.0622	ppbV	70-130			25	25			
3-Methylthiophene	616-44-4	0.2	0.0634	ppbV	70-130			25	25			
3-Chloropropene	107-05-1	0.2	0.086	ppbV	70-130			25	25			
2-Ethylthiophene	872-55-9	0.2	0.0612	ppbV	70-130			25	25			
4-Ethyltoluene	622-96-8	0.2	0.0554	ppbV	70-130			25	25			
Acetone	67-64-1	1	0.515	ppbV	40-160			25	25			
Benzene	71-43-2	0.2	0.0643	ppbV	70-130			25	25			
Benzyl chloride	100-44-7	0.2	0.0939	ppbV	70-130			25	25			
Benzothiophene	95-15-8	0.5	0.273	ppbV	70-130			25	25			
Bromodichloromethane	75-27-4	0.2	0.0689	ppbV	70-130			25	25			
Bromoform	75-25-2	0.2	0.0596	ppbV	70-130			25	25			
Bromomethane	74-83-9	0.2	0.0547	ppbV	70-130			25	25			
Carbon disulfide	75-15-0	0.2	0.0465	ppbV	70-130			25	25			
Carbon tetrachloride	56-23-5	0.2	0.0686	ppbV	70-130			25	25			
Chlorobenzene	108-90-7	0.2	0.0516	ppbV	70-130			25	25			
Chloroethane	75-00-3	0.2	0.0649	ppbV	70-130			25	25			
Chloroform	67-66-3	0.2	0.0552	ppbV	70-130			25	25			
Chloromethane	74-87-3	0.2	0.0576	ppbV	70-130			25	25			
cis-1,2-Dichloroethene	156-59-2	0.2	0.0595	ppbV	70-130			25	25			
cis-1,3-Dichloropropene	10061-01-5	0.2	0.0674	ppbV	70-130			25	25			
Cyclohexane	110-82-7	0.2	0.0728	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibromochloromethane	124-48-1	0.2	0.0566	ppbV	70-130			25	25			
Dichlorodifluoromethane	75-71-8	0.2	0.0757	ppbV	70-130			25	25			
Ethyl Alcohol	GCDAI06	5	1.74	ppbV	40-160			25	25			
Ethyl Acetate	141-78-6	0.5	0.297	ppbV	70-130			25	25			
Ethylbenzene	100-41-4	0.2	0.0575	ppbV	70-130			25	25			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	0.2	0.0506	ppbV	70-130			25	25			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	0.2	0.0504	ppbV	70-130			25	25			
Hexachlorobutadiene	87-68-3	0.2	0.0607	ppbV	70-130			25	25			
iso-Propyl Alcohol	67-63-0	1	0.272	ppbV	40-160			25	25			
Methylene chloride	75-09-2	0.5	0.125	ppbV	70-130			25	25			
4-Methyl-2-pentanone	108-10-1	0.5	0.19	ppbV	70-130			25	25			
Methyl tert butyl ether	1634-04-4	0.2	0.045	ppbV	70-130			25	25			
Methyl Methacrylate	80-62-6	0.5	0.226	ppbV	40-160			25	25			
p/m-Xylene	179601-23-1	0.4	0.125	ppbV	70-130			25	25			
o-Xylene	95-47-6	0.2	0.0621	ppbV	70-130			25	25			
Xylene (Total)	1330-20-7	0.2	0.0621	ppbV				25	25			
Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Hexane	110-54-3	0.2	0.0743	ppbV	70-130			25	25			
Propylene	115-07-1	0.5	0.135	ppbV	70-130			25	25			
Styrene	100-42-5	0.2	0.0596	ppbV	70-130			25	25			
Tetrachloroethene	127-18-4	0.2	0.0627	ppbV	70-130			25	25			
Thiophene	110-02-1	0.2	0.052	ppbV	70-130			25	25			
Tetrahydrofuran	109-99-9	0.5	0.117	ppbV	70-130			25	25			
Toluene	108-88-3	0.2	0.0867	ppbV	70-130			25	25			
trans-1,2-Dichloroethene	156-60-5	0.2	0.0755	ppbV	70-130			25	25			
1,2-Dichloroethene (total)	540-59-0	0.2	0.0595	ppbV				25	25			
trans-1,3-Dichloropropene	10061-02-6	0.2	0.0783	ppbV	70-130			25	25			
1,3-Dichloropropene, Total	542-75-6	0.2	0.0674	ppbV				25	25			
Trichloroethene	79-01-6	0.2	0.0548	ppbV	70-130			25	25			
Trichlorofluoromethane	75-69-4	0.2	0.0787	ppbV	70-130			25	25			
Vinyl acetate	108-05-4	1	0.323	ppbV	70-130			25	25			
Vinyl bromide	593-60-2	0.2	0.0722	ppbV	70-130			25	25			
Vinyl chloride	75-01-4	0.2	0.0582	ppbV	70-130			25	25			
Naphthalene	91-20-3	0.19	0.059	ppbV	70-130			25	25			
Total HC As Hexane	NONE	10	0.0743	ppbV	70-130			25	25			
Total VOCs As Toluene	NONE	10	0.0867	ppbV	70-130			25	25			
Propane	74-98-6	0.5	0.152	ppbV	70-130			25	25			
Acrylonitrile	107-13-1	0.5	0.0894	ppbV	70-130			25	25			
Acrolein	107-02-8	0.5	0.149	ppbV	60-113			25	25			
1,1,1,2-Tetrachloroethane	630-20-6	0.2	0.0508	ppbV	70-130			25	25			
Isopropylbenzene	98-82-8	0.2	0.0621	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
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Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,2,3-Trichloropropane	96-18-4	0.2	0.0575	ppbV	70-130			25	25			
Acetonitrile	75-05-8	0.2	0.101	ppbV	70-130			25	25			
Bromobenzene	108-86-1	0.2	0.0579	ppbV	70-130			25	25			
Chlorodifluoromethane	75-45-6	0.2	0.0463	ppbV	70-130			25	25			
Dichlorofluoromethane	75-43-4	0.2	0.112	ppbV	70-130			25	25			
Dibromomethane	74-95-3	0.2	0.0598	ppbV	70-130			25	25			
Pentane	109-66-0	0.2	0.113	ppbV	70-130			25	25			
Octane	111-65-9	0.2	0.0676	ppbV	70-130			25	25			
Tertiary-Amyl Methyl Ether	994-05-8	0.2	0.0672	ppbV	70-130			25	25			
o-Chlorotoluene	95-49-8	0.2	0.0761	ppbV	70-130			25	25			
p-Chlorotoluene	106-43-4	0.2	0.0765	ppbV	70-130			25	25			
2,2-Dichloropropane	594-20-7	0.2	0.0429	ppbV	70-130			25	25			
1,1-Dichloropropene	563-58-6	0.2	0.0593	ppbV	70-130			25	25			
Isopropyl Ether	108-20-3	0.2	0.0631	ppbV	70-130			25	25			
Ethyl-Tert-Butyl-Ether	637-92-3	0.2	0.0731	ppbV	70-130			25	25			
1,2,3-Trichlorobenzene	87-61-6	0.2	0.0738	ppbV	70-130			25	25			
Ethyl ether	60-29-7	0.2	0.0853	ppbV	70-130			25	25			
n-Butylbenzene	104-51-8	0.2	0.0536	ppbV	70-130			25	25			
sec-Butylbenzene	135-98-8	0.2	0.0547	ppbV	70-130			25	25			
tert-Butylbenzene	98-06-6	0.2	0.0551	ppbV	70-130			25	25			
1,2-Dibromo-3-chloropropane	96-12-8	0.2	0.0624	ppbV	70-130			25	25			
p-Isopropyltoluene	99-87-6	0.2	0.0567	ppbV	70-130			25	25			
n-Propylbenzene	103-65-1	0.2	0.0633	ppbV	70-130			25	25			
1,3-Dichloropropane	142-28-9	0.2	0.0536	ppbV	70-130			25	25			
Methanol	67-56-1	5	3.029	ppbV	70-130			25	25			
Acetaldehyde	75-07-0	2.5	1.73	ppbV	70-130			25	25			
Butane	106-97-8	0.2	0.08	ppbV	70-130			25	25			
Nonane (C9)	111-84-2	0.2	0.0737	ppbV	70-130			25	25			
Decane (C10)	124-18-5	0.2	0.0697	ppbV	70-130			25	25			
Undecane	1120-21-4	0.2	0.0709	ppbV	70-130			25	25			
Indane	496-11-7	0.2	0.0591	ppbV	70-130			25	25			
Indene	95-13-6	0.2	0.0711	ppbV	70-130			25	25			
1-Methylnaphthalene	90-12-0	1	0.264	ppbV	70-130			25	25			
Dodecane (C12)	112-40-3	0.2	0.0891	ppbV	70-130			25	25			
Butyl Acetate	123-86-4	0.5	0.208	ppbV	70-130			25	25			
tert-Butyl Alcohol	75-65-0	0.5	0.132	ppbV	70-130			25	25			
2-Methylnaphthalene	91-57-6	1	0.259	ppbV	70-130			25	25			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
Bromofluorobenzene	*460-00-4*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2565378-01D	Date Collected	: 10/15/25 12:05
Client ID	: SVE-INF-01_20251015	Date Received	: 10/15/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 10/20/25 02:18
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 25.43
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266220	Instrument ID	: AIRLAB26
Sample Amount	: 9.83 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	5.09	--	ND	25.2	--	U
74-87-3	Chloromethane	ND	5.09	--	ND	10.5	--	U
76-14-2	Freon-114	ND	5.09	--	ND	35.6	--	U
75-01-4	Vinyl chloride	ND	5.09	--	ND	13.0	--	U
106-99-0	1,3-Butadiene	ND	5.09	--	ND	11.3	--	U
74-83-9	Bromomethane	ND	5.09	--	ND	19.8	--	U
75-00-3	Chloroethane	ND	5.09	--	ND	13.4	--	U
64-17-5	Ethanol	ND	127	--	ND	239	--	U
593-60-2	Vinyl bromide	ND	5.09	--	ND	22.3	--	U
67-64-1	Acetone	ND	25.4	--	ND	60.3	--	U
75-69-4	Trichlorofluoromethane	ND	5.09	--	ND	28.6	--	U
67-63-0	Isopropanol	31.3	25.4	--	76.9	62.4	--	
75-35-4	1,1-Dichloroethene	ND	5.09	--	ND	20.2	--	U
75-65-0	Tertiary butyl Alcohol	ND	12.7	--	ND	38.5	--	U
75-09-2	Methylene chloride	ND	12.7	--	ND	44.1	--	U
107-05-1	3-Chloropropene	ND	5.09	--	ND	15.9	--	U
75-15-0	Carbon disulfide	ND	5.09	--	ND	15.9	--	U
76-13-1	Freon-113	ND	5.09	--	ND	39.0	--	U
156-60-5	trans-1,2-Dichloroethene	ND	5.09	--	ND	20.2	--	U
75-34-3	1,1-Dichloroethane	ND	5.09	--	ND	20.6	--	U
1634-04-4	Methyl tert butyl ether	ND	5.09	--	ND	18.4	--	U
78-93-3	2-Butanone	ND	12.7	--	ND	37.5	--	U
156-59-2	cis-1,2-Dichloroethene	ND	5.09	--	ND	20.2	--	U
141-78-6	Ethyl Acetate	ND	12.7	--	ND	45.8	--	U
67-66-3	Chloroform	ND	5.09	--	ND	24.9	--	U
109-99-9	Tetrahydrofuran	ND	12.7	--	ND	37.5	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2565378-01D	Date Collected	: 10/15/25 12:05
Client ID	: SVE-INF-01_20251015	Date Received	: 10/15/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 10/20/25 02:18
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 25.43
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266220	Instrument ID	: AIRLAB26
Sample Amount	: 9.83 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	5.09	--	ND	20.6	--	U
110-54-3	n-Hexane	1360	5.09	--	4790	17.9	--	
71-55-6	1,1,1-Trichloroethane	ND	5.09	--	ND	27.8	--	U
71-43-2	Benzene	258	5.09	--	824	16.3	--	
56-23-5	Carbon tetrachloride	ND	5.09	--	ND	32.0	--	U
110-82-7	Cyclohexane	368	5.09	--	1270	17.5	--	
78-87-5	1,2-Dichloropropane	ND	5.09	--	ND	23.5	--	U
75-27-4	Bromodichloromethane	ND	5.09	--	ND	34.1	--	U
123-91-1	1,4-Dioxane	ND	5.09	--	ND	18.3	--	U
79-01-6	Trichloroethene	ND	5.09	--	ND	27.4	--	U
540-84-1	2,2,4-Trimethylpentane	1860	5.09	--	8690	23.8	--	
142-82-5	Heptane	829	5.09	--	3400	20.9	--	
10061-01-5	cis-1,3-Dichloropropene	ND	5.09	--	ND	23.1	--	U
108-10-1	4-Methyl-2-pentanone	ND	12.7	--	ND	52.0	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	5.09	--	ND	23.1	--	U
79-00-5	1,1,2-Trichloroethane	ND	5.09	--	ND	27.8	--	U
108-88-3	Toluene	474	5.09	--	1790	19.2	--	
591-78-6	2-Hexanone	ND	5.09	--	ND	20.9	--	U
124-48-1	Dibromochloromethane	ND	5.09	--	ND	43.4	--	U
106-93-4	1,2-Dibromoethane	ND	5.09	--	ND	39.1	--	U
127-18-4	Tetrachloroethene	5.16	5.09	--	35.0	34.5	--	
108-90-7	Chlorobenzene	ND	5.09	--	ND	23.4	--	U
100-41-4	Ethylbenzene	28.5	5.09	--	124	22.1	--	
179601-23-1	p/m-Xylene	638	10.2	--	2770	44.3	--	
75-25-2	Bromoform	ND	5.09	--	ND	52.6	--	U
100-42-5	Styrene	ND	5.09	--	ND	21.7	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2565378-01D	Date Collected	: 10/15/25 12:05
Client ID	: SVE-INF-01_20251015	Date Received	: 10/15/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 10/20/25 02:18
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 25.43
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266220	Instrument ID	: AIRLAB26
Sample Amount	: 9.83 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.09	--	ND	35.0	--	U
95-47-6	o-Xylene	238	5.09	--	1030	22.1	--	
622-96-8	4-Ethyltoluene	8.11	5.09	--	39.9	25.0	--	
108-67-8	1,3,5-Trimethylbenzene	20.5	5.09	--	101	25.0	--	
95-63-6	1,2,4-Trimethylbenzene	5.14	5.09	--	25.3	25.0	--	
100-44-7	Benzyl chloride	ND	5.09	--	ND	26.4	--	U
541-73-1	1,3-Dichlorobenzene	ND	5.09	--	ND	30.6	--	U
106-46-7	1,4-Dichlorobenzene	ND	5.09	--	ND	30.6	--	U
95-50-1	1,2-Dichlorobenzene	ND	5.09	--	ND	30.6	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.09	--	ND	37.8	--	U
91-20-3	Naphthalene	ND	4.83	--	ND	25.3	--	U
87-68-3	Hexachlorobutadiene	ND	5.09	--	ND	54.3	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2565378-02D	Date Collected	: 10/15/25 12:30
Client ID	: SVE-EFF-01_20251015	Date Received	: 10/15/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 10/20/25 02:48
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 3.571
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266221	Instrument ID	: AIRLAB26
Sample Amount	: 70.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	1.57	0.714	--	7.76	3.53	--	
74-87-3	Chloromethane	ND	0.714	--	ND	1.47	--	U
76-14-2	Freon-114	ND	0.714	--	ND	4.99	--	U
75-01-4	Vinyl chloride	ND	0.714	--	ND	1.83	--	U
106-99-0	1,3-Butadiene	ND	0.714	--	ND	1.58	--	U
74-83-9	Bromomethane	ND	0.714	--	ND	2.77	--	U
75-00-3	Chloroethane	ND	0.714	--	ND	1.88	--	U
64-17-5	Ethanol	ND	17.8	--	ND	33.5	--	U
593-60-2	Vinyl bromide	ND	0.714	--	ND	3.12	--	U
67-64-1	Acetone	ND	3.57	--	ND	8.48	--	U
75-69-4	Trichlorofluoromethane	ND	0.714	--	ND	4.01	--	U
67-63-0	Isopropanol	17.1	3.57	--	42.0	8.78	--	
75-35-4	1,1-Dichloroethene	ND	0.714	--	ND	2.83	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.78	--	ND	5.40	--	U
75-09-2	Methylene chloride	2.41	1.78	--	8.37	6.18	--	
107-05-1	3-Chloropropene	ND	0.714	--	ND	2.23	--	U
75-15-0	Carbon disulfide	ND	0.714	--	ND	2.22	--	U
76-13-1	Freon-113	ND	0.714	--	ND	5.47	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.714	--	ND	2.83	--	U
75-34-3	1,1-Dichloroethane	ND	0.714	--	ND	2.89	--	U
1634-04-4	Methyl tert butyl ether	ND	0.714	--	ND	2.57	--	U
78-93-3	2-Butanone	ND	1.78	--	ND	5.25	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.714	--	ND	2.83	--	U
141-78-6	Ethyl Acetate	ND	1.78	--	ND	6.41	--	U
67-66-3	Chloroform	ND	0.714	--	ND	3.49	--	U
109-99-9	Tetrahydrofuran	2.60	1.78	--	7.67	5.25	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2565378-02D	Date Collected	: 10/15/25 12:30
Client ID	: SVE-EFF-01_20251015	Date Received	: 10/15/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 10/20/25 02:48
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 3.571
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266221	Instrument ID	: AIRLAB26
Sample Amount	: 70.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.714	--	ND	2.89	--	U
110-54-3	n-Hexane	216	0.714	--	761	2.52	--	
71-55-6	1,1,1-Trichloroethane	ND	0.714	--	ND	3.90	--	U
71-43-2	Benzene	58.5	0.714	--	187	2.28	--	
56-23-5	Carbon tetrachloride	ND	0.714	--	ND	4.49	--	U
110-82-7	Cyclohexane	57.4	0.714	--	198	2.46	--	
78-87-5	1,2-Dichloropropane	ND	0.714	--	ND	3.30	--	U
75-27-4	Bromodichloromethane	ND	0.714	--	ND	4.78	--	U
123-91-1	1,4-Dioxane	ND	0.714	--	ND	2.57	--	U
79-01-6	Trichloroethene	ND	0.714	--	ND	3.84	--	U
540-84-1	2,2,4-Trimethylpentane	216	0.714	--	1010	3.33	--	
142-82-5	Heptane	149	0.714	--	611	2.93	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.714	--	ND	3.24	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.78	--	ND	7.29	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.714	--	ND	3.24	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.714	--	ND	3.90	--	U
108-88-3	Toluene	150	0.714	--	565	2.69	--	
591-78-6	2-Hexanone	ND	0.714	--	ND	2.93	--	U
124-48-1	Dibromochloromethane	ND	0.714	--	ND	6.08	--	U
106-93-4	1,2-Dibromoethane	ND	0.714	--	ND	5.49	--	U
127-18-4	Tetrachloroethene	1.88	0.714	--	12.7	4.84	--	
108-90-7	Chlorobenzene	ND	0.714	--	ND	3.29	--	U
100-41-4	Ethylbenzene	16.1	0.714	--	69.9	3.10	--	
179601-23-1	p/m-Xylene	453	1.43	--	1970	6.21	--	
75-25-2	Bromoform	ND	0.714	--	ND	7.38	--	U
100-42-5	Styrene	0.846	0.714	--	3.60	3.04	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2565378-02D	Date Collected	: 10/15/25 12:30
Client ID	: SVE-EFF-01_20251015	Date Received	: 10/15/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 10/20/25 02:48
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 3.571
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266221	Instrument ID	: AIRLAB26
Sample Amount	: 70.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.714	--	ND	4.90	--	U
95-47-6	o-Xylene	212	0.714	--	921	3.10	--	
622-96-8	4-Ethyltoluene	19.9	0.714	--	97.8	3.51	--	
108-67-8	1,3,5-Trimethylbenzene	55.0	0.714	--	270	3.51	--	
95-63-6	1,2,4-Trimethylbenzene	20.9	0.714	--	103	3.51	--	
100-44-7	Benzyl chloride	ND	0.714	--	ND	3.70	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.714	--	ND	4.29	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.714	--	ND	4.29	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.714	--	ND	4.29	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.714	--	ND	5.30	--	U
91-20-3	Naphthalene	ND	0.678	--	ND	3.55	--	U
87-68-3	Hexachlorobutadiene	ND	0.714	--	ND	7.62	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2565378-03D	Date Collected	: 10/15/25 13:40
Client ID	: SVE-INF-02_20251015	Date Received	: 10/15/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 10/20/25 03:20
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 68.49
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266222	Instrument ID	: AIRLAB26
Sample Amount	: 3.65 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	13.7	--	ND	67.7	--	U
74-87-3	Chloromethane	ND	13.7	--	ND	28.3	--	U
76-14-2	Freon-114	ND	13.7	--	ND	95.8	--	U
75-01-4	Vinyl chloride	ND	13.7	--	ND	35.0	--	U
106-99-0	1,3-Butadiene	ND	13.7	--	ND	30.3	--	U
74-83-9	Bromomethane	ND	13.7	--	ND	53.2	--	U
75-00-3	Chloroethane	ND	13.7	--	ND	36.2	--	U
64-17-5	Ethanol	ND	342	--	ND	644	--	U
593-60-2	Vinyl bromide	ND	13.7	--	ND	59.9	--	U
67-64-1	Acetone	ND	68.5	--	ND	163.	--	U
75-69-4	Trichlorofluoromethane	ND	13.7	--	ND	77.0	--	U
67-63-0	Isopropanol	100	68.5	--	246	168	--	
75-35-4	1,1-Dichloroethene	ND	13.7	--	ND	54.3	--	U
75-65-0	Tertiary butyl Alcohol	ND	34.2	--	ND	104.	--	U
75-09-2	Methylene chloride	ND	34.2	--	ND	119	--	U
107-05-1	3-Chloropropene	ND	13.7	--	ND	42.9	--	U
75-15-0	Carbon disulfide	ND	13.7	--	ND	42.7	--	U
76-13-1	Freon-113	ND	13.7	--	ND	105.	--	U
156-60-5	trans-1,2-Dichloroethene	ND	13.7	--	ND	54.3	--	U
75-34-3	1,1-Dichloroethane	ND	13.7	--	ND	55.4	--	U
1634-04-4	Methyl tert butyl ether	ND	13.7	--	ND	49.4	--	U
78-93-3	2-Butanone	ND	34.2	--	ND	101.	--	U
156-59-2	cis-1,2-Dichloroethene	ND	13.7	--	ND	54.3	--	U
141-78-6	Ethyl Acetate	ND	34.2	--	ND	123.	--	U
67-66-3	Chloroform	ND	13.7	--	ND	66.9	--	U
109-99-9	Tetrahydrofuran	ND	34.2	--	ND	101	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2565378-03D	Date Collected	: 10/15/25 13:40
Client ID	: SVE-INF-02_20251015	Date Received	: 10/15/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 10/20/25 03:20
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 68.49
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266222	Instrument ID	: AIRLAB26
Sample Amount	: 3.65 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	13.7	--	ND	55.4	--	U
110-54-3	n-Hexane	2500	13.7	--	8810	48.3	--	
71-55-6	1,1,1-Trichloroethane	ND	13.7	--	ND	74.7	--	U
71-43-2	Benzene	189	13.7	--	604	43.8	--	
56-23-5	Carbon tetrachloride	ND	13.7	--	ND	86.2	--	U
110-82-7	Cyclohexane	541	13.7	--	1860	47.2	--	
78-87-5	1,2-Dichloropropane	ND	13.7	--	ND	63.3	--	U
75-27-4	Bromodichloromethane	ND	13.7	--	ND	91.8	--	U
123-91-1	1,4-Dioxane	ND	13.7	--	ND	49.4	--	U
79-01-6	Trichloroethene	ND	13.7	--	ND	73.6	--	U
540-84-1	2,2,4-Trimethylpentane	4530	13.7	--	21200	64.0	--	
142-82-5	Heptane	893	13.7	--	3660	56.1	--	
10061-01-5	cis-1,3-Dichloropropene	ND	13.7	--	ND	62.2	--	U
108-10-1	4-Methyl-2-pentanone	ND	34.2	--	ND	140.	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	13.7	--	ND	62.2	--	U
79-00-5	1,1,2-Trichloroethane	ND	13.7	--	ND	74.7	--	U
108-88-3	Toluene	348	13.7	--	1310	51.6	--	
591-78-6	2-Hexanone	ND	13.7	--	ND	56.1	--	U
124-48-1	Dibromochloromethane	ND	13.7	--	ND	117.	--	U
106-93-4	1,2-Dibromoethane	ND	13.7	--	ND	105.	--	U
127-18-4	Tetrachloroethene	ND	13.7	--	ND	92.9	--	U
108-90-7	Chlorobenzene	ND	13.7	--	ND	63.1	--	U
100-41-4	Ethylbenzene	17.2	13.7	--	74.7	59.5	--	
179601-23-1	p/m-Xylene	367	27.4	--	1590	119	--	
75-25-2	Bromoform	ND	13.7	--	ND	142.	--	U
100-42-5	Styrene	ND	13.7	--	ND	58.3	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2565378-03D	Date Collected	: 10/15/25 13:40
Client ID	: SVE-INF-02_20251015	Date Received	: 10/15/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 10/20/25 03:20
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 68.49
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266222	Instrument ID	: AIRLAB26
Sample Amount	: 3.65 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	13.7	--	ND	94.1	--	U
95-47-6	o-Xylene	150	13.7	--	652	59.5	--	
622-96-8	4-Ethyltoluene	ND	13.7	--	ND	67.4	--	U
108-67-8	1,3,5-Trimethylbenzene	33.0	13.7	--	162	67.4	--	
95-63-6	1,2,4-Trimethylbenzene	ND	13.7	--	ND	67.4	--	U
100-44-7	Benzyl chloride	ND	13.7	--	ND	70.9	--	U
541-73-1	1,3-Dichlorobenzene	ND	13.7	--	ND	82.4	--	U
106-46-7	1,4-Dichlorobenzene	ND	13.7	--	ND	82.4	--	U
95-50-1	1,2-Dichlorobenzene	ND	13.7	--	ND	82.4	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	13.7	--	ND	102.	--	U
91-20-3	Naphthalene	ND	13.0	--	ND	68.2	--	U
87-68-3	Hexachlorobutadiene	ND	13.7	--	ND	146.	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2565378-04D	Date Collected	: 10/15/25 14:00
Client ID	: SVE-EFF-02_20251015	Date Received	: 10/15/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 10/20/25 03:53
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 3.571
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266223	Instrument ID	: AIRLAB26
Sample Amount	: 70.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	1.78	0.714	--	8.80	3.53	--	
74-87-3	Chloromethane	ND	0.714	--	ND	1.47	--	U
76-14-2	Freon-114	ND	0.714	--	ND	4.99	--	U
75-01-4	Vinyl chloride	ND	0.714	--	ND	1.83	--	U
106-99-0	1,3-Butadiene	ND	0.714	--	ND	1.58	--	U
74-83-9	Bromomethane	ND	0.714	--	ND	2.77	--	U
75-00-3	Chloroethane	ND	0.714	--	ND	1.88	--	U
64-17-5	Ethanol	ND	17.8	--	ND	33.5	--	U
593-60-2	Vinyl bromide	ND	0.714	--	ND	3.12	--	U
67-64-1	Acetone	ND	3.57	--	ND	8.48	--	U
75-69-4	Trichlorofluoromethane	ND	0.714	--	ND	4.01	--	U
67-63-0	Isopropanol	30.7	3.57	--	75.5	8.78	--	
75-35-4	1,1-Dichloroethene	ND	0.714	--	ND	2.83	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.78	--	ND	5.40	--	U
75-09-2	Methylene chloride	ND	1.78	--	ND	6.18	--	U
107-05-1	3-Chloropropene	ND	0.714	--	ND	2.23	--	U
75-15-0	Carbon disulfide	ND	0.714	--	ND	2.22	--	U
76-13-1	Freon-113	ND	0.714	--	ND	5.47	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.714	--	ND	2.83	--	U
75-34-3	1,1-Dichloroethane	ND	0.714	--	ND	2.89	--	U
1634-04-4	Methyl tert butyl ether	ND	0.714	--	ND	2.57	--	U
78-93-3	2-Butanone	ND	1.78	--	ND	5.25	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.714	--	ND	2.83	--	U
141-78-6	Ethyl Acetate	ND	1.78	--	ND	6.41	--	U
67-66-3	Chloroform	ND	0.714	--	ND	3.49	--	U
109-99-9	Tetrahydrofuran	2.05	1.78	--	6.05	5.25	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2565378-04D	Date Collected	: 10/15/25 14:00
Client ID	: SVE-EFF-02_20251015	Date Received	: 10/15/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 10/20/25 03:53
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 3.571
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266223	Instrument ID	: AIRLAB26
Sample Amount	: 70.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.714	--	ND	2.89	--	U
110-54-3	n-Hexane	185	0.714	--	652	2.52	--	
71-55-6	1,1,1-Trichloroethane	ND	0.714	--	ND	3.90	--	U
71-43-2	Benzene	43.9	0.714	--	140	2.28	--	
56-23-5	Carbon tetrachloride	ND	0.714	--	ND	4.49	--	U
110-82-7	Cyclohexane	52.0	0.714	--	179	2.46	--	
78-87-5	1,2-Dichloropropane	ND	0.714	--	ND	3.30	--	U
75-27-4	Bromodichloromethane	ND	0.714	--	ND	4.78	--	U
123-91-1	1,4-Dioxane	ND	0.714	--	ND	2.57	--	U
79-01-6	Trichloroethene	ND	0.714	--	ND	3.84	--	U
540-84-1	2,2,4-Trimethylpentane	322	0.714	--	1500	3.33	--	
142-82-5	Heptane	137	0.714	--	561	2.93	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.714	--	ND	3.24	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.78	--	ND	7.29	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.714	--	ND	3.24	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.714	--	ND	3.90	--	U
108-88-3	Toluene	153	0.714	--	577	2.69	--	
591-78-6	2-Hexanone	ND	0.714	--	ND	2.93	--	U
124-48-1	Dibromochloromethane	ND	0.714	--	ND	6.08	--	U
106-93-4	1,2-Dibromoethane	ND	0.714	--	ND	5.49	--	U
127-18-4	Tetrachloroethene	2.87	0.714	--	19.5	4.84	--	
108-90-7	Chlorobenzene	ND	0.714	--	ND	3.29	--	U
100-41-4	Ethylbenzene	14.4	0.714	--	62.5	3.10	--	
179601-23-1	p/m-Xylene	349	1.43	--	1520	6.21	--	
75-25-2	Bromoform	ND	0.714	--	ND	7.38	--	U
100-42-5	Styrene	0.821	0.714	--	3.50	3.04	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2565378-04D	Date Collected	: 10/15/25 14:00
Client ID	: SVE-EFF-02_20251015	Date Received	: 10/15/25
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 10/20/25 03:53
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 3.571
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266223	Instrument ID	: AIRLAB26
Sample Amount	: 70.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.714	--	ND	4.90	--	U
95-47-6	o-Xylene	158	0.714	--	686	3.10	--	
622-96-8	4-Ethyltoluene	15.6	0.714	--	76.7	3.51	--	
108-67-8	1,3,5-Trimethylbenzene	45.6	0.714	--	224	3.51	--	
95-63-6	1,2,4-Trimethylbenzene	20.3	0.714	--	99.8	3.51	--	
100-44-7	Benzyl chloride	ND	0.714	--	ND	3.70	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.714	--	ND	4.29	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.714	--	ND	4.29	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.714	--	ND	4.29	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.714	--	ND	5.30	--	U
91-20-3	Naphthalene	ND	0.678	--	ND	3.55	--	U
87-68-3	Hexachlorobutadiene	ND	0.714	--	ND	7.62	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: WG2129876-4	Date Collected	: NA
Client ID	: WG2129876-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 10/19/25 15:07
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266205	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: WG2129876-4	Date Collected	: NA
Client ID	: WG2129876-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 10/19/25 15:07
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266205	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2565378
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: WG2129876-4	Date Collected	: NA
Client ID	: WG2129876-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 10/19/25 15:07
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R266205	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266220.D
Acq On : 20 Oct 2025 02:18 am
Operator : AIRLAB26:RAY
Sample : L2565378-01D,3,9.83,250
Misc : WG2129876,ICAL22711
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 20 07:23:26 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	175705	10.000	ppbV	0.00
Standard Area = 199817			Recovery = 87.93%			
43) 1,4-difluorobenzene	4.317	114	612455	10.000	ppbV	0.00
Standard Area = 700064			Recovery = 87.49%			
67) chlorobenzene-D5	6.438	54	106114	10.000	ppbV	0.00
Standard Area = 104710			Recovery = 101.34%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	1.953	85	3406	0.081	ppbV	99
6) chloromethane	0.000		0	N.D.	d	
7) Freon-114	0.000		0	N.D.	d	
9) vinyl chloride	1.909		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.255	31	8270	1.186	ppbV	88
17) vinyl bromide	0.000		0	N.D.		
19) acetone	0.000		0	N.D.	d	
21) trichlorofluoromethane	2.448		0	N.D.		
22) isopropyl alcohol	2.471	45	31483	1.230	ppbV	100
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	2.649		0	N.D.		
28) methylene chloride	2.659	49	3871	0.182	ppbV	90
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	2.750		0	N.D.		
31) Freon 113	2.750		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.	d	
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	0.000		0	N.D.	d	
37) cis-1,2-dichloroethene	0.000		0	N.D.	d	
38) Ethyl Acetate	0.000		0	N.D.	d	
39) chloroform	3.489	83	1936	0.056	ppbV #	46
40) Tetrahydrofuran	3.683	42	4261M3	0.383	ppbV	
42) 1,2-dichloroethane	0.000		0	N.D.	d	
44) hexane	3.474	57	1056254	53.612	ppbV #	1

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266220.D
Acq On : 20 Oct 2025 02:18 am
Operator : AIRLAB26:RAY
Sample : L2565378-01D,3,9.83,250
Misc : WG2129876,ICAL22711
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 20 07:23:26 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	3.921		0	N.D.		
50) benzene	4.129	78	483137	10.136	ppbV	97
52) carbon tetrachloride	4.195		0	N.D.		
53) cyclohexane	4.261	56	282008	14.493	ppbV	94
56) 1,2-dichloropropane	0.000		0	N.D. d		
57) bromodichloromethane	0.000		0	N.D. d		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	4.647		0	N.D.		
60) 2,2,4-trimethylpentane	4.685	57	4560681	73.204	ppbV	97
62) heptane	4.826	43	600669	32.585	ppbV	98
63) cis-1,3-dichloropropene	5.118		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D. d		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D. d		
68) toluene	5.565	91	1306999	18.624	ppbV	98
72) 2-hexanone	0.000		0	N.D. d		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	5.884		0	N.D.		
78) tetrachloroethene	6.131	166	7377	0.203	ppbV	98
80) chlorobenzene	0.000		0	N.D. d		
81) ethylbenzene	6.667	91	100531	1.122	ppbV	98
83) m+p-xylene	6.755	91	1802449	25.108	ppbV	93
84) bromoform	0.000		0	N.D.		
85) styrene	6.934	104	3457	0.064	ppbV #	73
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D. d		
87) o-xylene	6.980	91	674621	9.370	ppbV	99
96) 4-ethyl toluene	7.635	105	31128M6	0.319	ppbV	
97) 1,3,5-trimethylbenzene	7.683	105	65475	0.807	ppbV	95
99) 1,2,4-trimethylbenzene	7.898	105	17312	0.202	ppbV #	55
101) Benzyl Chloride	0.000		0	N.D. d		
102) 1,3-dichlorobenzene	8.002		0	N.D.		
103) 1,4-dichlorobenzene	8.002		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
116) naphthalene	9.242		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266220.D
Acq On : 20 Oct 2025 02:18 am
Operator : AIRLAB26:RAY
Sample : L2565378-01D,3,9.83,250
Misc : WG2129876,ICAL22711
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 20 07:23:26 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

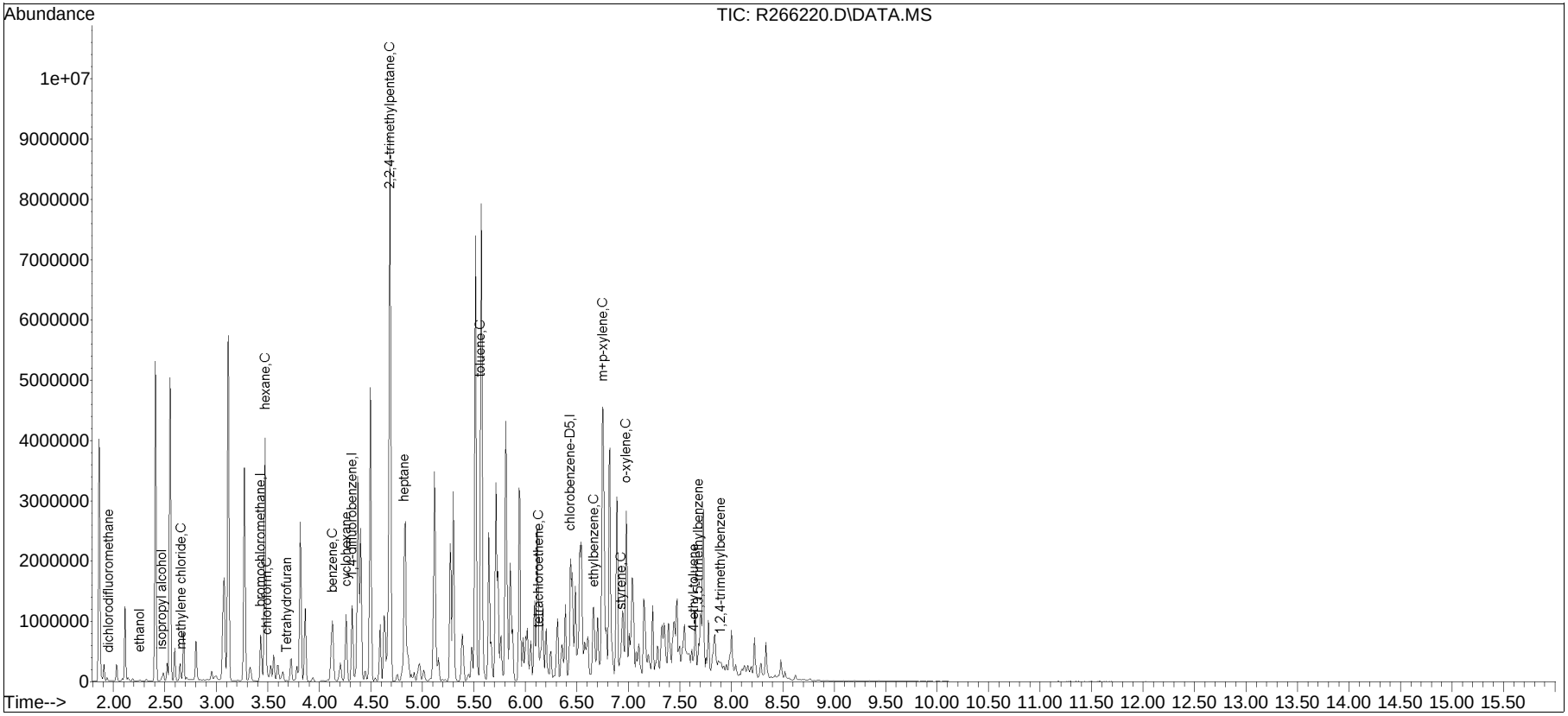
CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : TO15-NY+Naphthalene - .

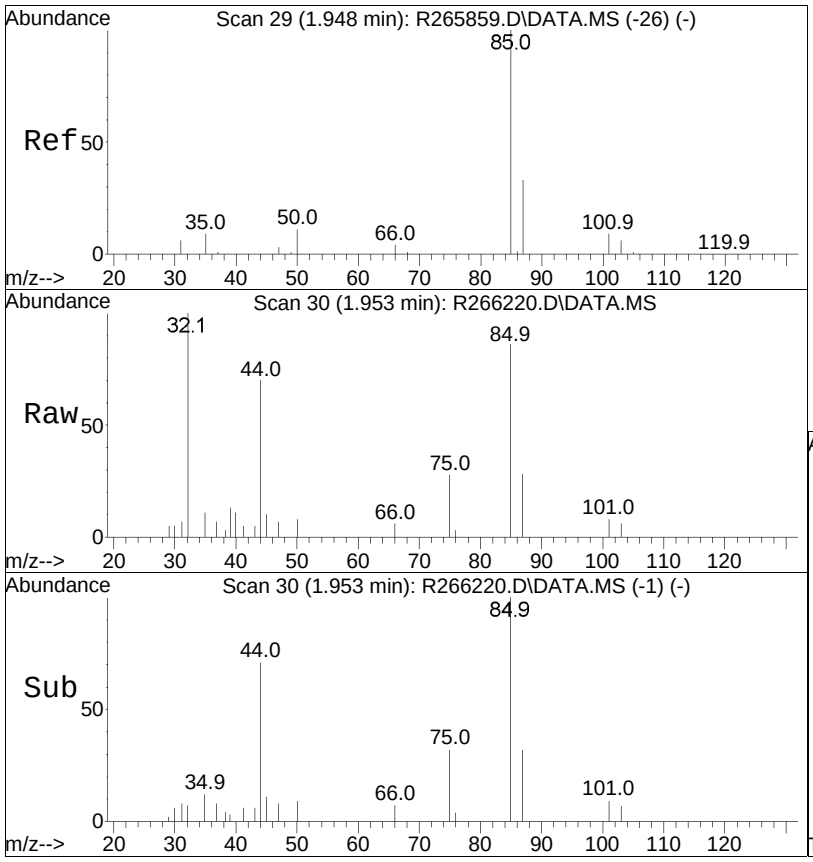
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\10\1019T\R266202.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266220.D
Acq On : 20 Oct 2025 02:18 am
Operator : AIRLAB26:RAY
Sample : L2565378-01D,3,9.83,250
Misc : WG2129876,ICAL22711
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 20 07:23:26 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

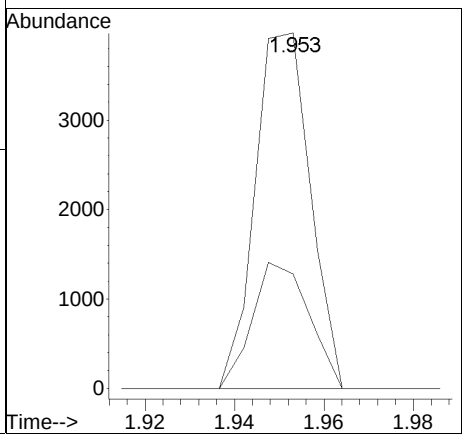


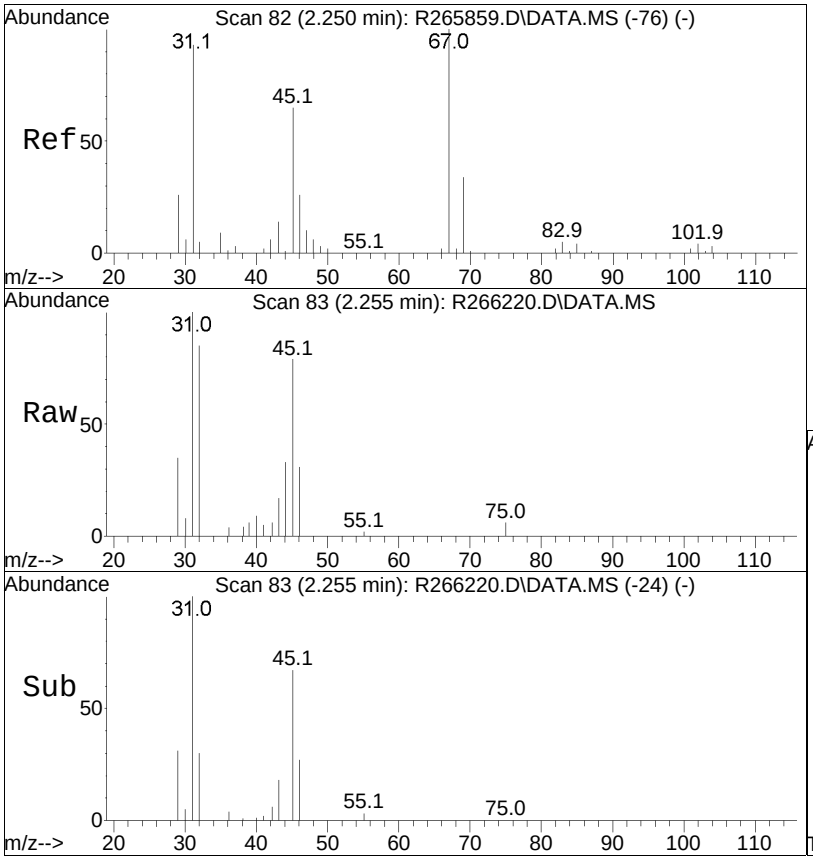


#5
dichlorodifluoromethane
Concen: 0.08 ppbV
RT: 1.953 min Scan# 30
Delta R.T. 0.005 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 85 Resp: 3406

Ion	Ratio	Lower	Upper
85	100		
87	32.2	26.4	39.6

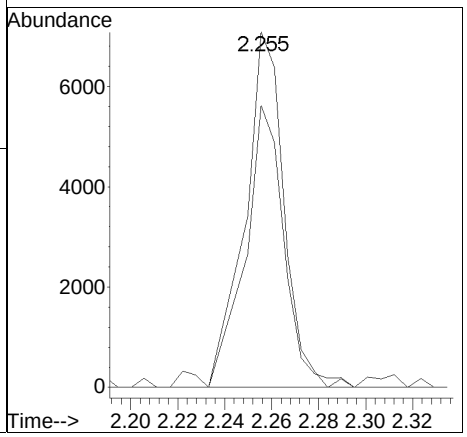


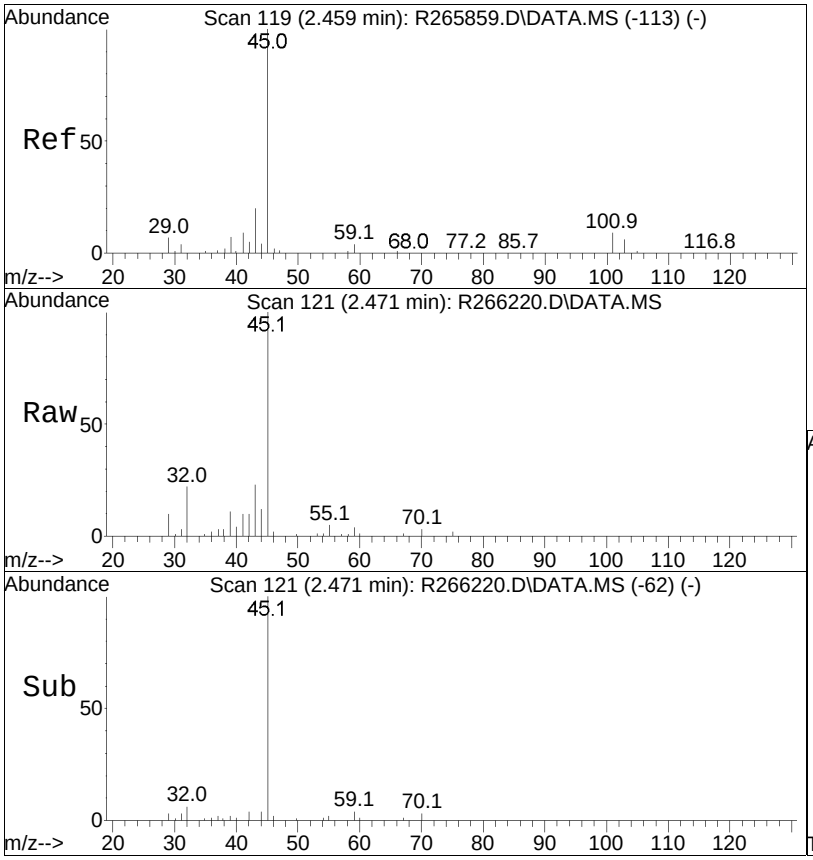


#15
ethanol
Concen: 1.19 ppbV
RT: 2.255 min Scan# 83
Delta R.T. 0.006 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 31 Resp: 8270

Ion	Ratio	Lower	Upper
31	100		
45	79.4	55.6	83.4

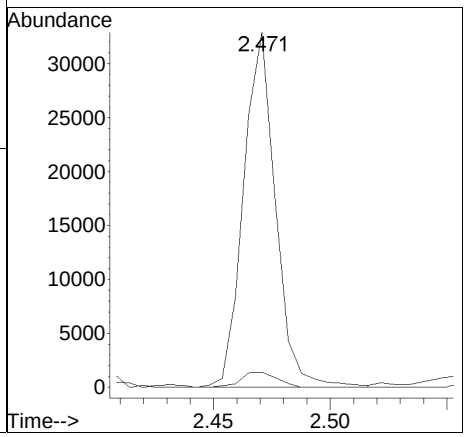


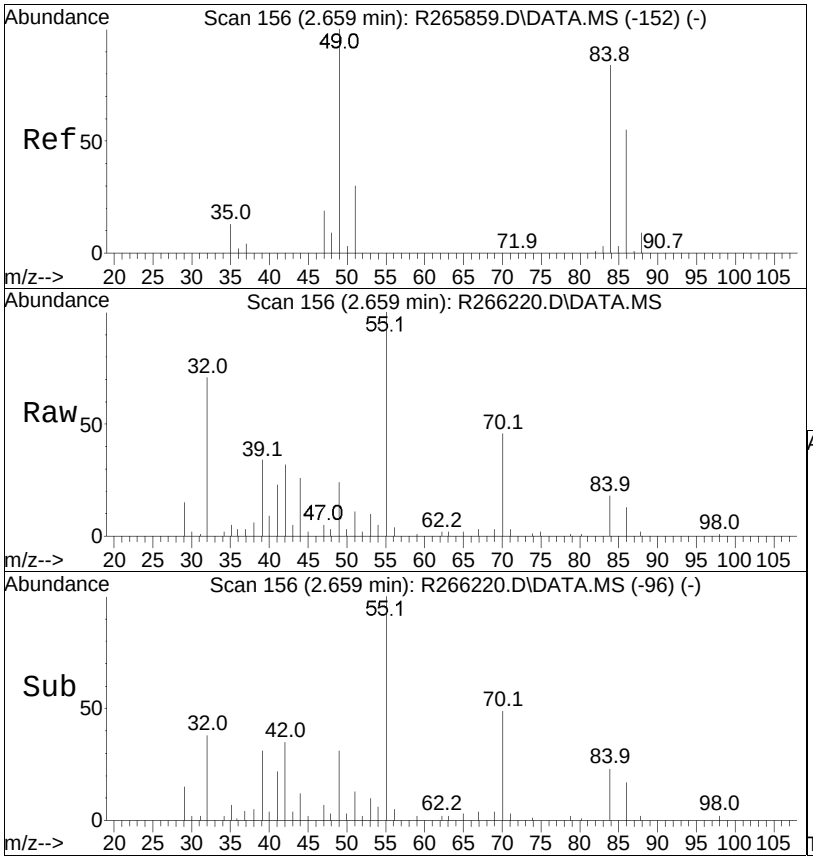


#22
isopropyl alcohol
Concen: 1.23 ppbV
RT: 2.471 min Scan# 121
Delta R.T. 0.011 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 45 Resp: 31483

Ion	Ratio	Lower	Upper
45	100		
59	4.3	3.4	5.2

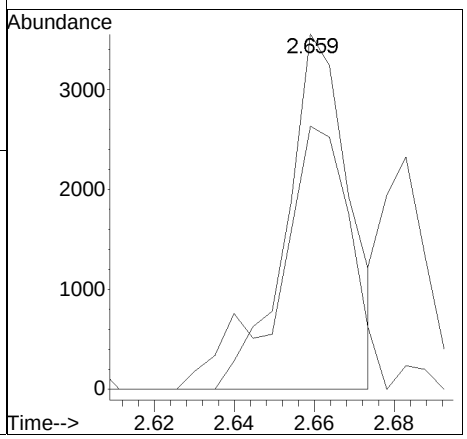


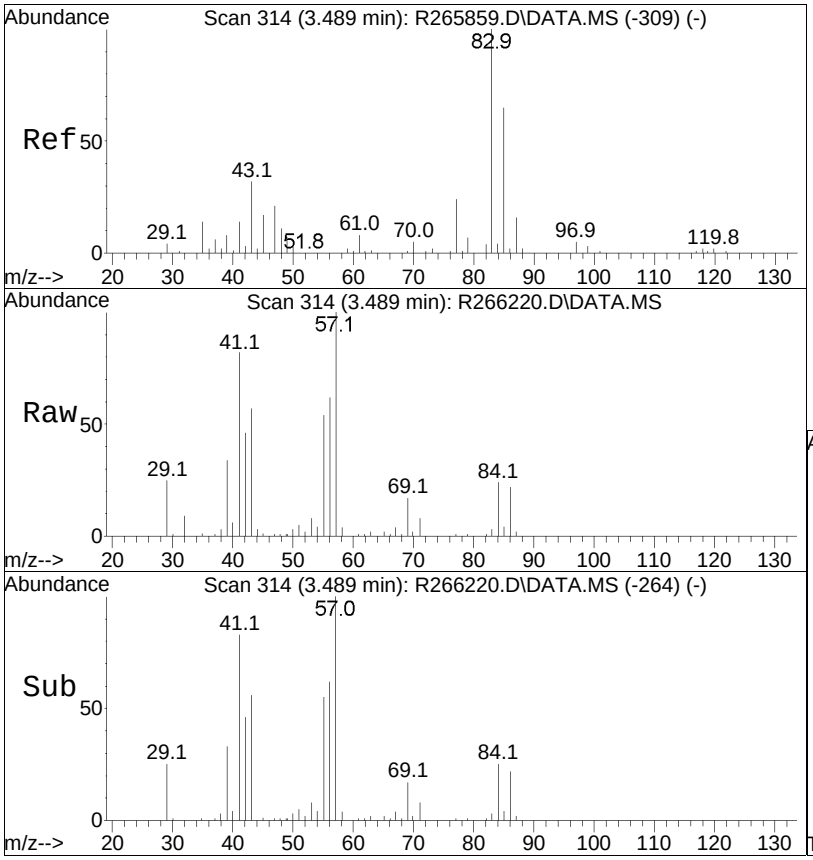


#28
methylene chloride
Concen: 0.18 ppbV
RT: 2.659 min Scan# 156
Delta R.T. -0.000 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 49 Resp: 3871

Ion	Ratio	Lower	Upper
49	100		
84	74.1	66.6	99.8

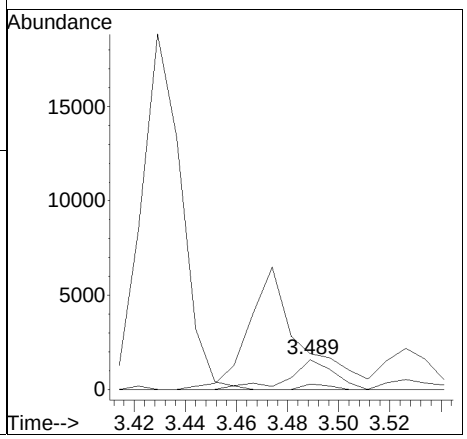


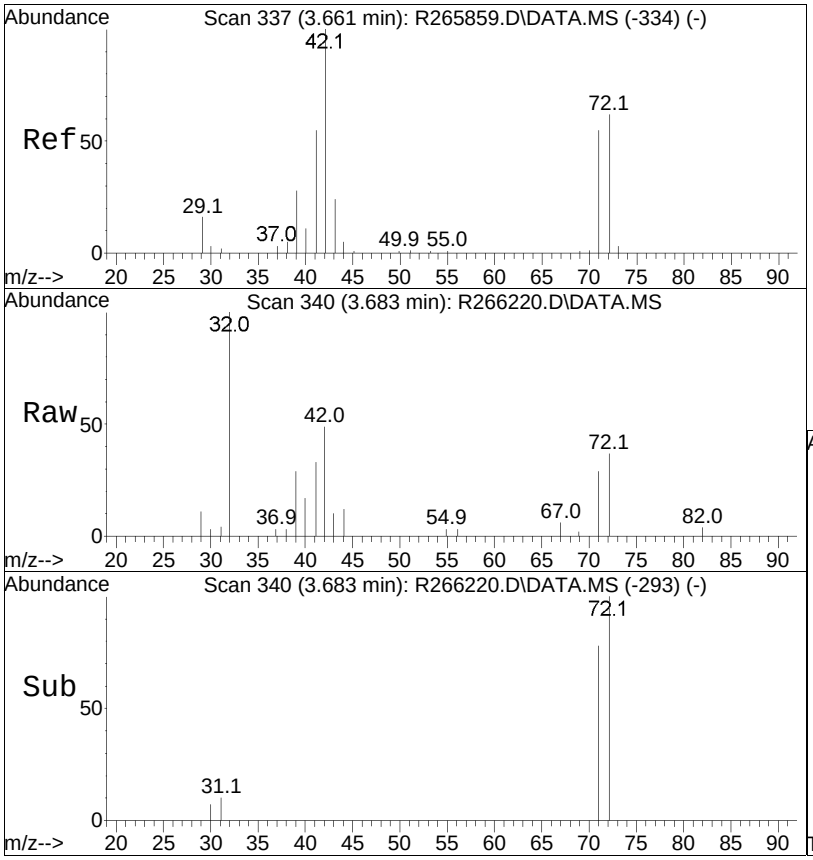


#39
chloroform
Concen: 0.06 ppbV
RT: 3.489 min Scan# 314
Delta R.T. -0.000 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 83 Resp: 1936

Ion	Ratio	Lower	Upper
83	100		
85	120.3	51.9	77.9#
47	18.4	17.0	25.4

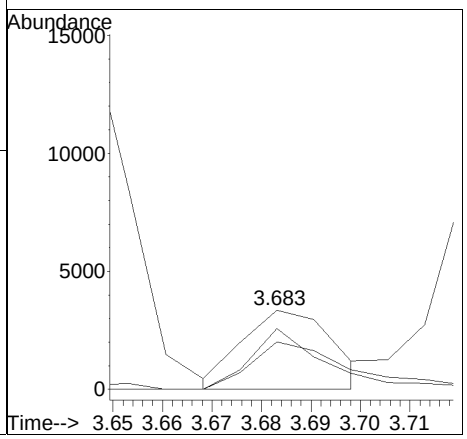


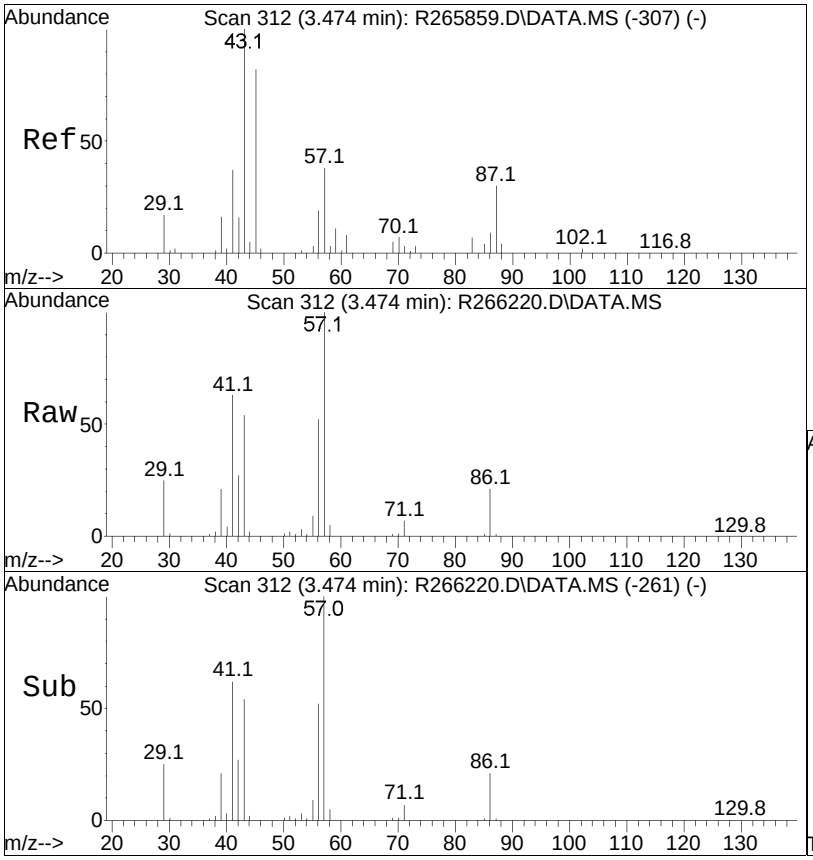


#40
Tetrahydrofuran
Concen: 0.38 ppbV m
RT: 3.683 min Scan# 340
Delta R.T. 0.022 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 42 Resp: 4261

Ion	Ratio	Lower	Upper
42	100		
71	60.1	44.3	66.5
72	76.9	49.4	74.2#

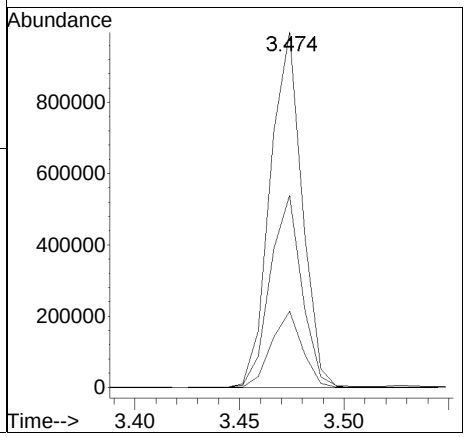


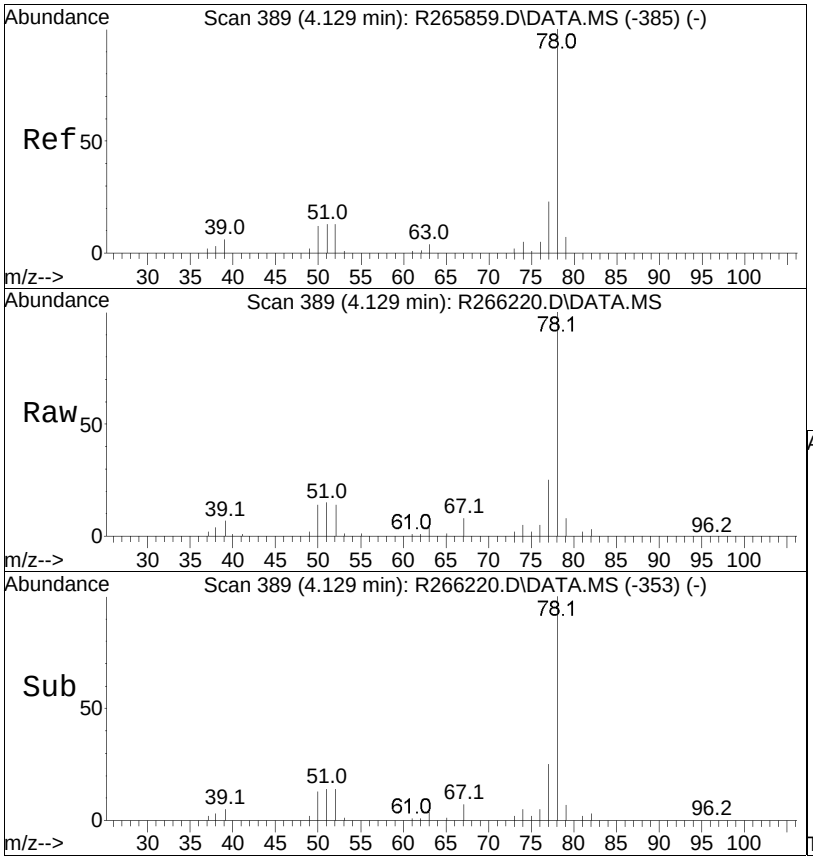


#44
hexane
Concen: 53.61 ppbV
RT: 3.474 min Scan# 312
Delta R.T. -0.000 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 57 Resp: 1056254

Ion	Ratio	Lower	Upper
57	100		
43	54.1	209.9	314.9#
86	21.5	18.6	27.8

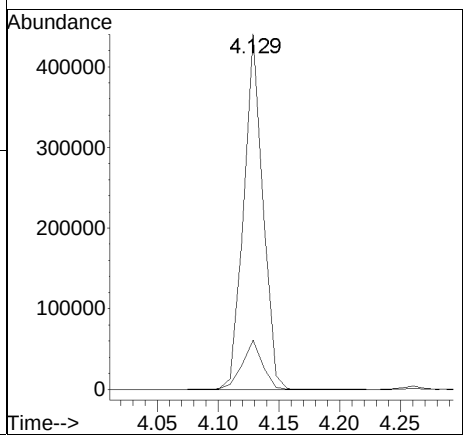


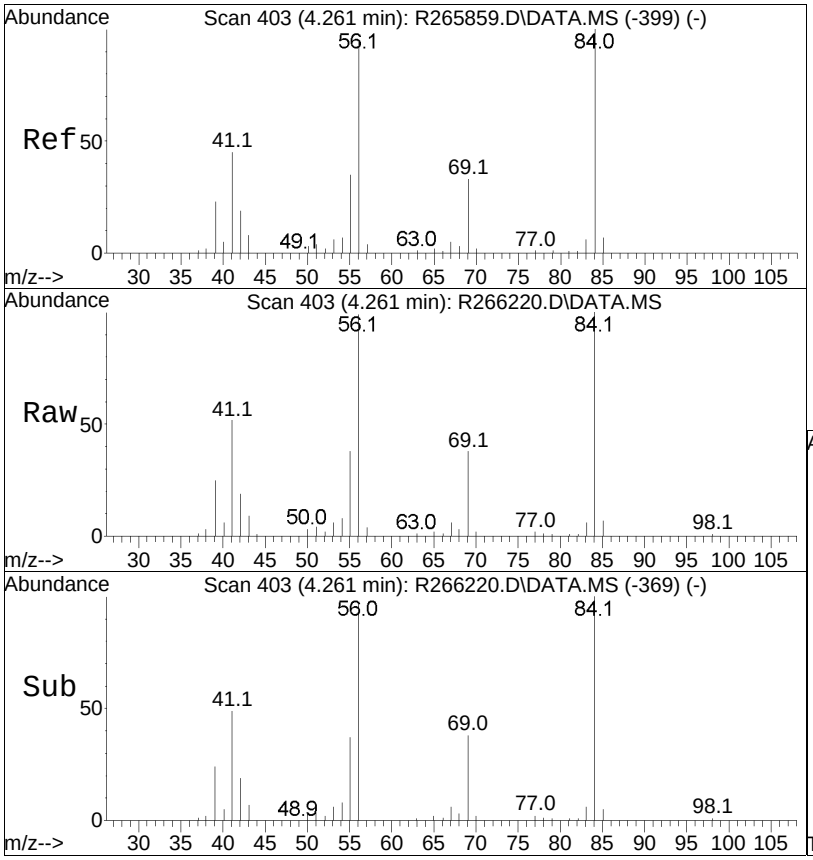


#50
benzene
Concen: 10.14 ppbV
RT: 4.129 min Scan# 389
Delta R.T. -0.000 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 78 Resp: 483137

Ion	Ratio	Lower	Upper
78	100		
52	13.9	10.1	15.1

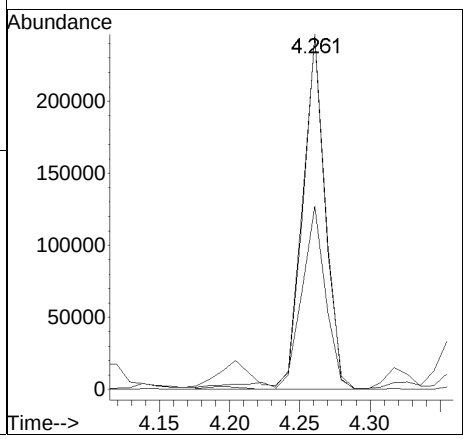


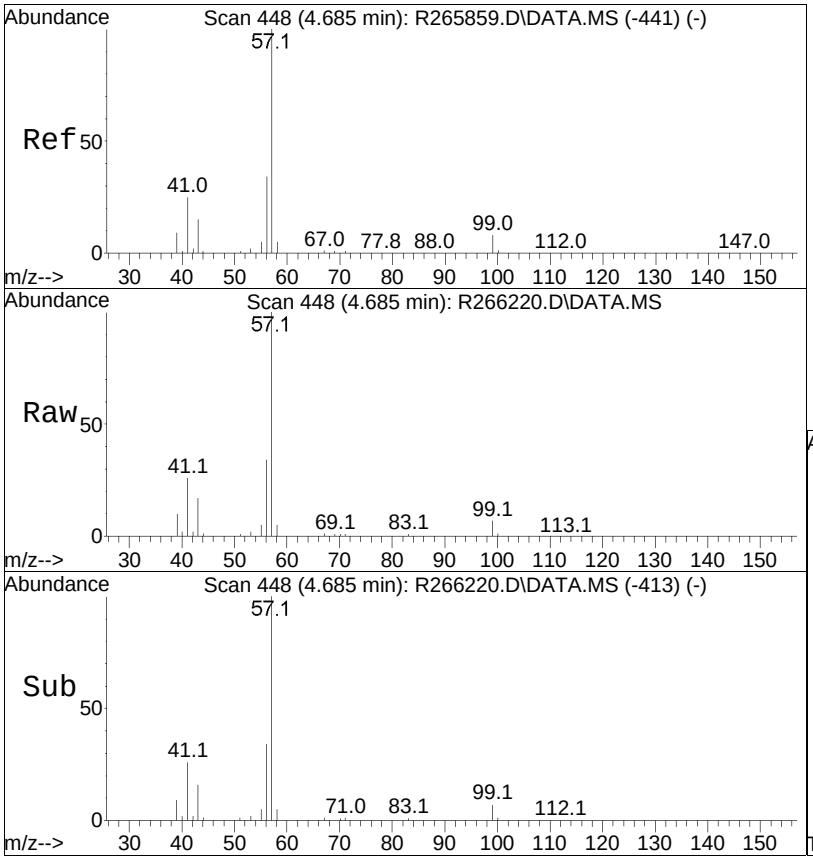


#53
cyclohexane
Concen: 14.49 ppbV
RT: 4.261 min Scan# 403
Delta R.T. -0.000 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 56 Resp: 282008

Ion	Ratio	Lower	Upper
56	100		
84	100.6	84.6	126.8
41	51.9	37.9	56.9

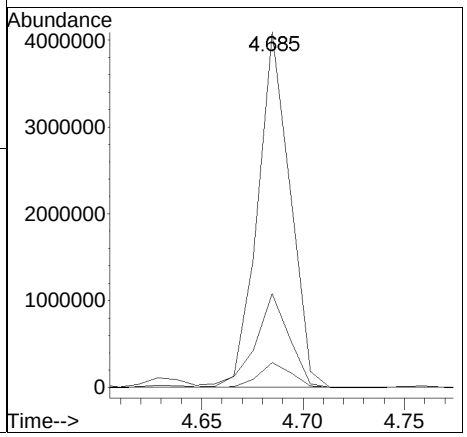


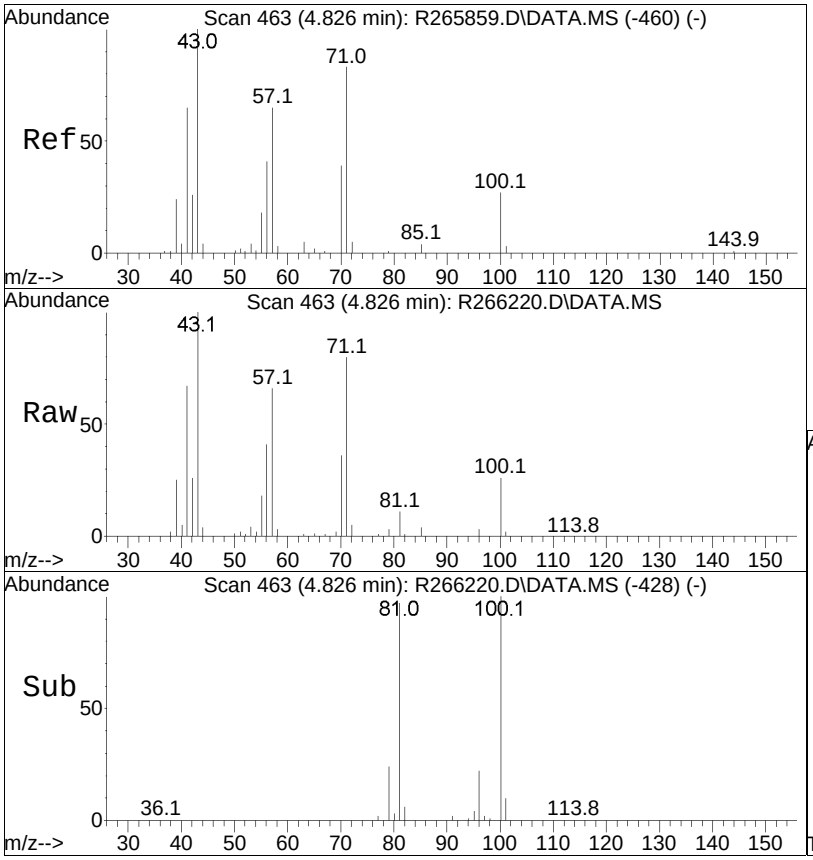


#60
2,2,4-trimethylpentane
Concen: 73.20 ppbV
RT: 4.685 min Scan# 448
Delta R.T. -0.000 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 57 Resp: 4560681

Ion	Ratio	Lower	Upper
57	100		
99	7.0	6.2	9.2
41	26.4	19.8	29.8

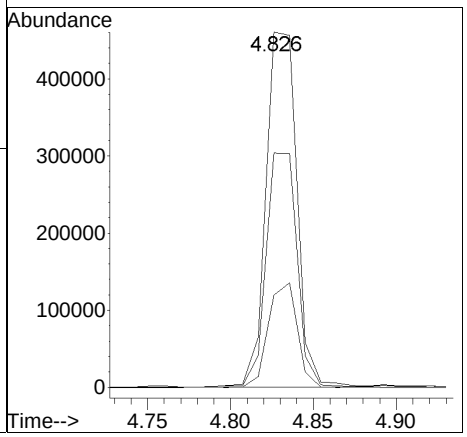


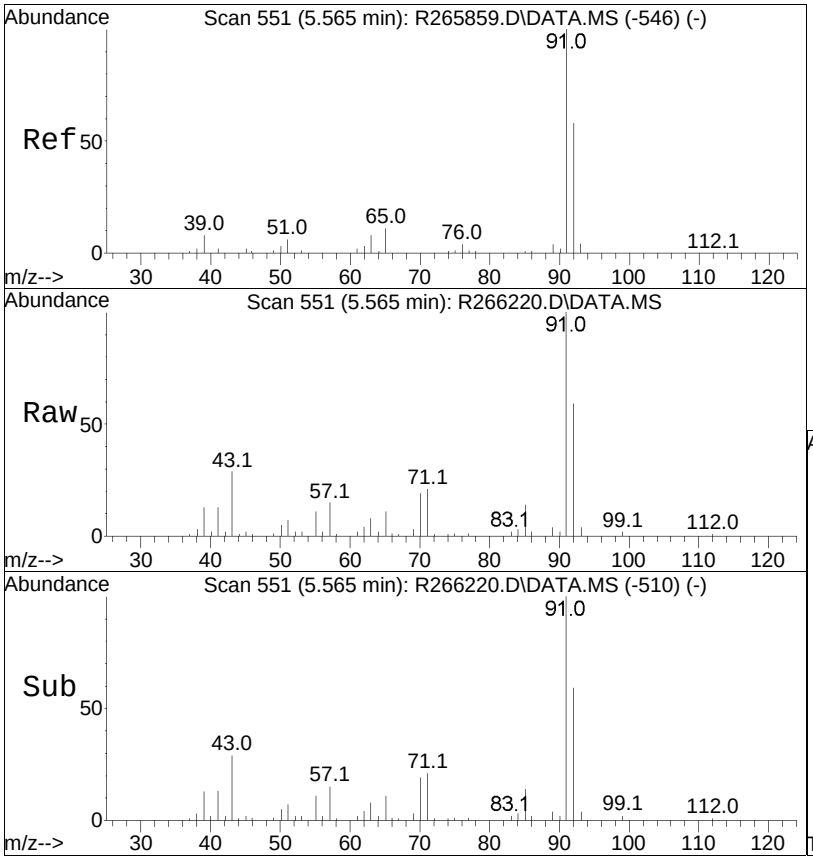


#62
heptane
Concen: 32.59 ppbV
RT: 4.826 min Scan# 463
Delta R.T. -0.000 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 43 Resp: 600669

Ion	Ratio	Lower	Upper
43	100		
57	65.9	52.1	78.1
100	26.0	22.3	33.5

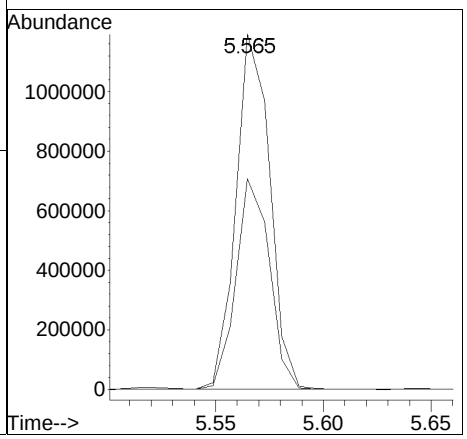


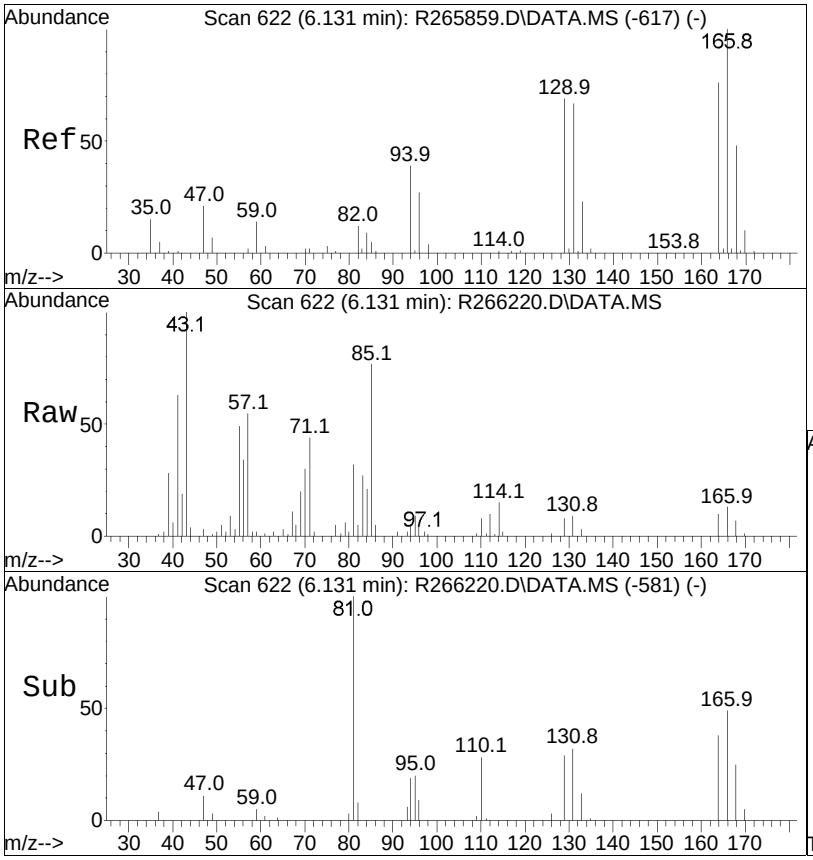


#68
toluene
Concen: 18.62 ppbV
RT: 5.565 min Scan# 551
Delta R.T. -0.000 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 91 Resp: 1306999

Ion	Ratio	Lower	Upper
91	100		
92	59.3	46.4	69.6

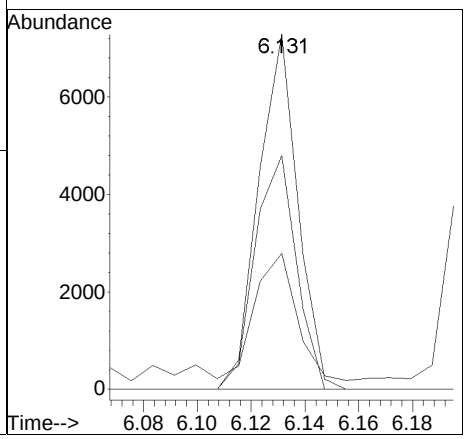


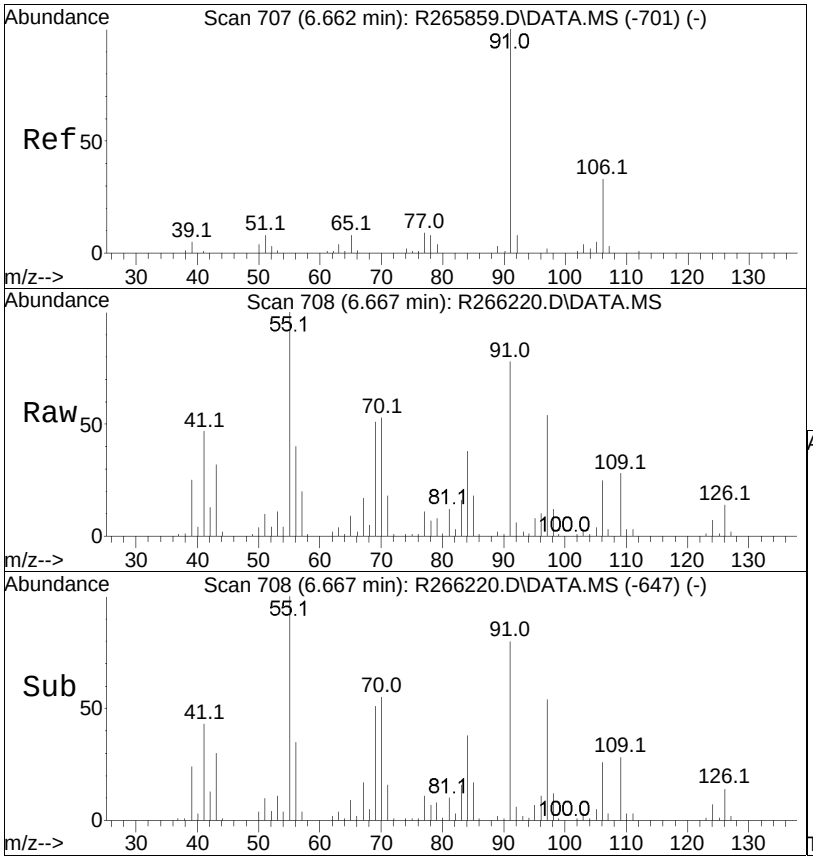


#78
tetrachloroethene
Concen: 0.20 ppbV
RT: 6.131 min Scan# 622
Delta R.T. -0.000 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion:166 Resp: 7377

Ion	Ratio	Lower	Upper
166	100		
131	65.8	53.8	80.6
94	38.3	31.2	46.8

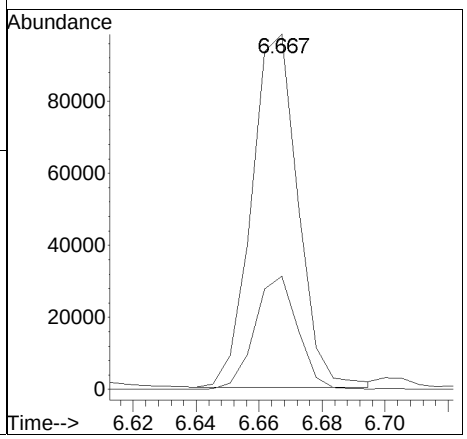


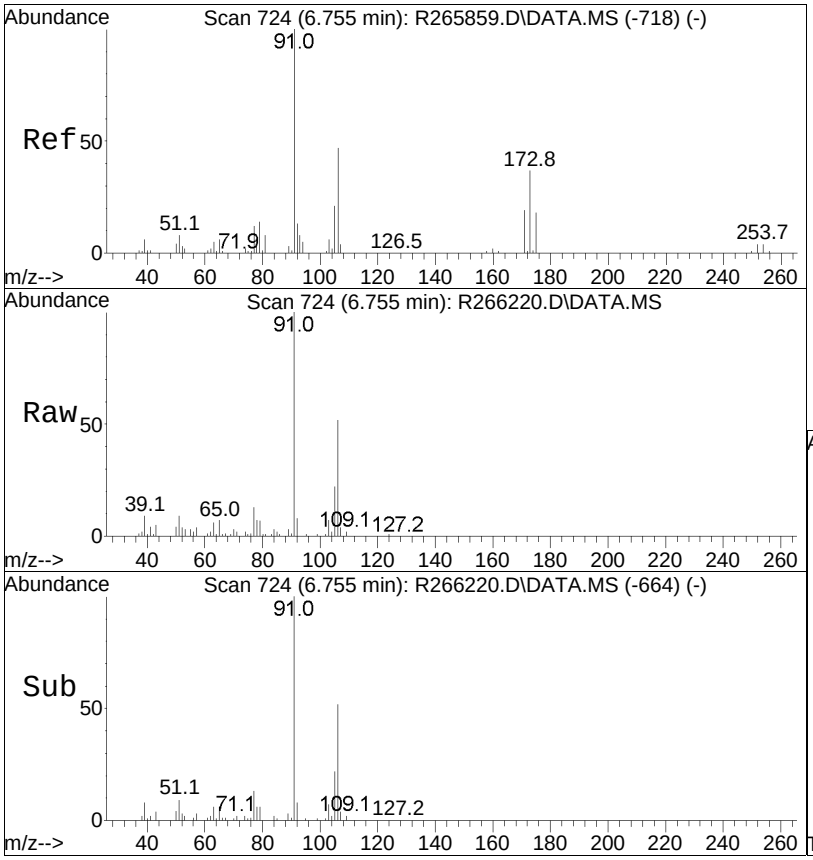


#81
ethylbenzene
Concen: 1.12 ppbV
RT: 6.667 min Scan# 708
Delta R.T. 0.005 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 91 Resp: 100531

Ion	Ratio	Lower	Upper
91	100		
106	31.9	26.6	39.8

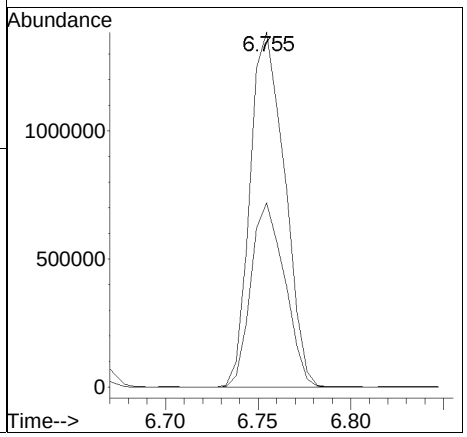


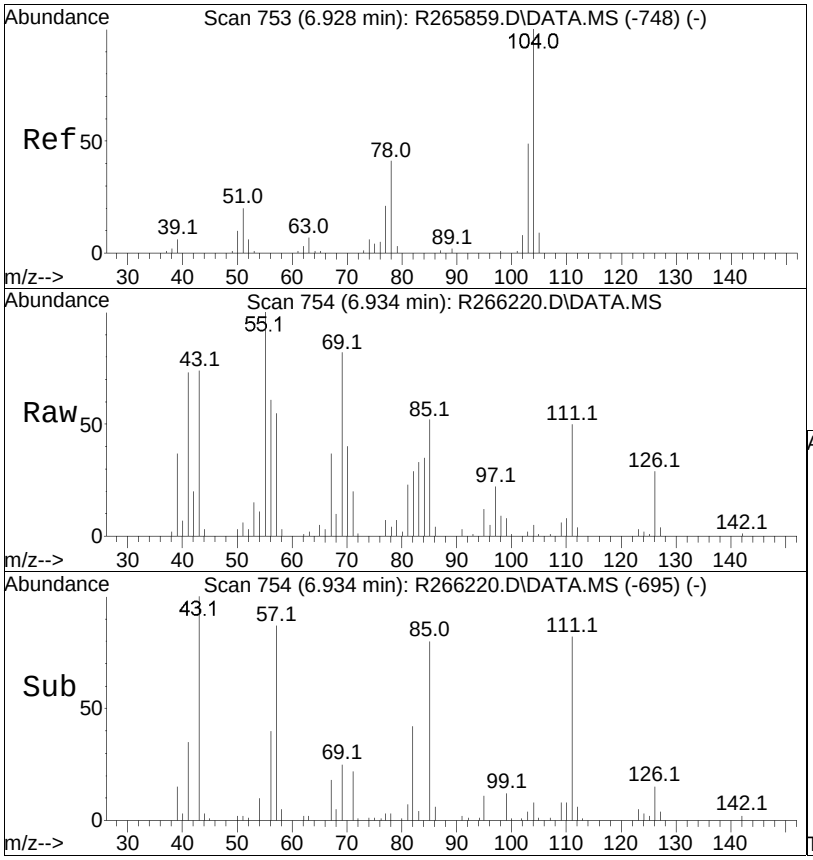


#83
m+p-xylene
Concen: 25.11 ppbV
RT: 6.755 min Scan# 724
Delta R.T. -0.000 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 91 Resp: 1802449

Ion	Ratio	Lower	Upper
91	100		
106	52.0	38.0	57.0

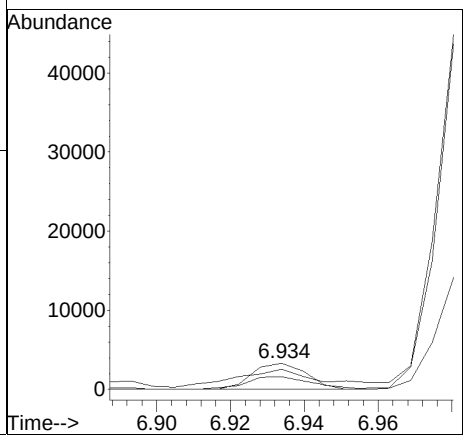


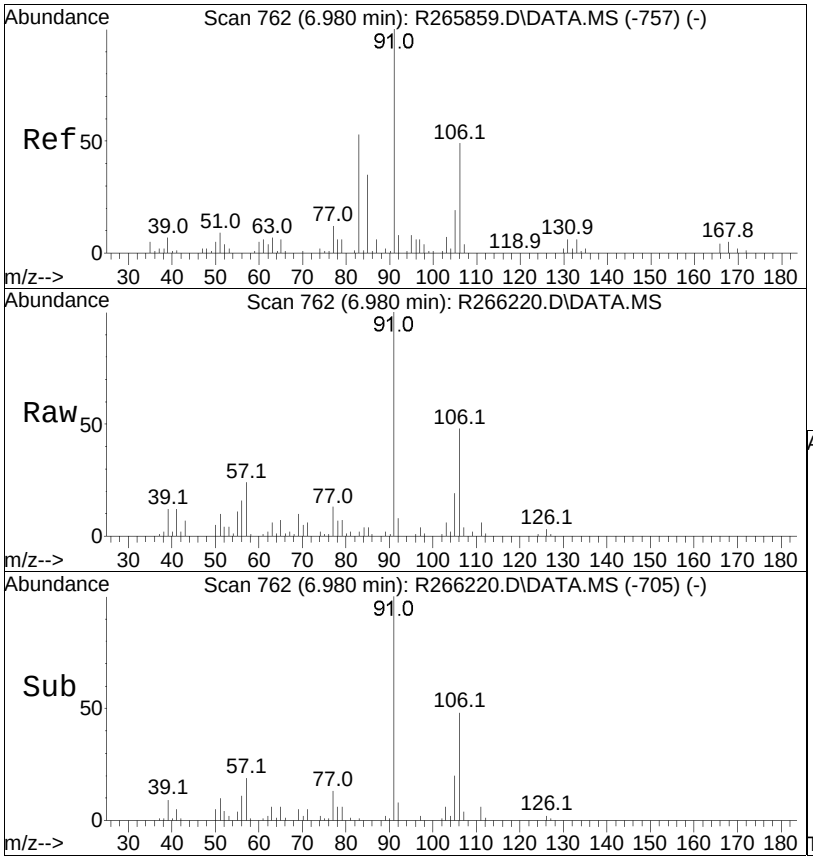


#85
styrene
Concen: 0.06 ppbV
RT: 6.934 min Scan# 754
Delta R.T. 0.006 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion:104 Resp: 3457

Ion	Ratio	Lower	Upper
104	100		
103	48.7	39.2	58.8
78	77.1	32.7	49.1#

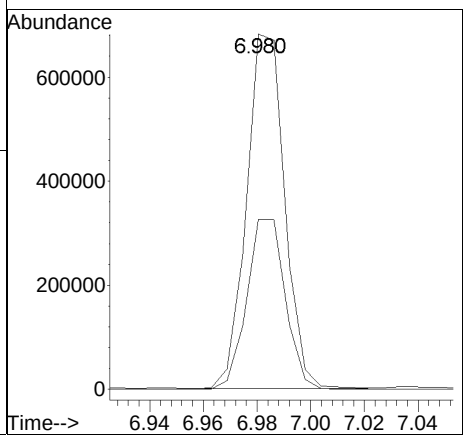


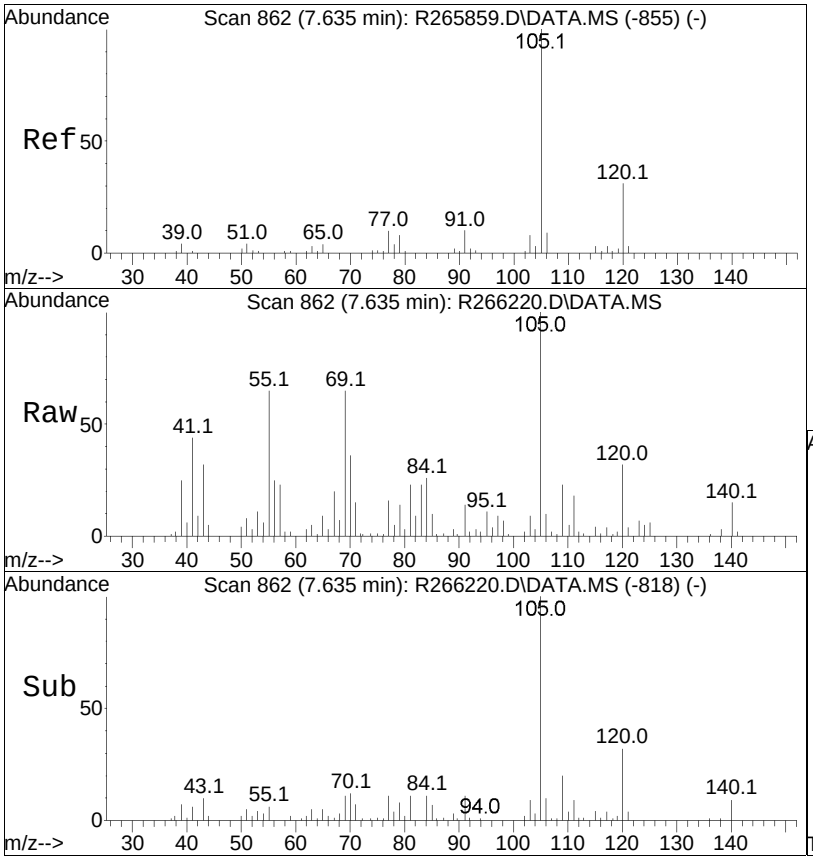


#87
o-xylene
Concen: 9.37 ppbV
RT: 6.980 min Scan# 762
Delta R.T. -0.000 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion: 91 Resp: 674621

Ion	Ratio	Lower	Upper
91	100		
106	47.8	38.9	58.3

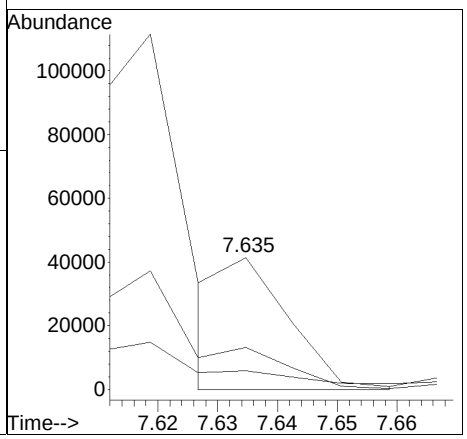


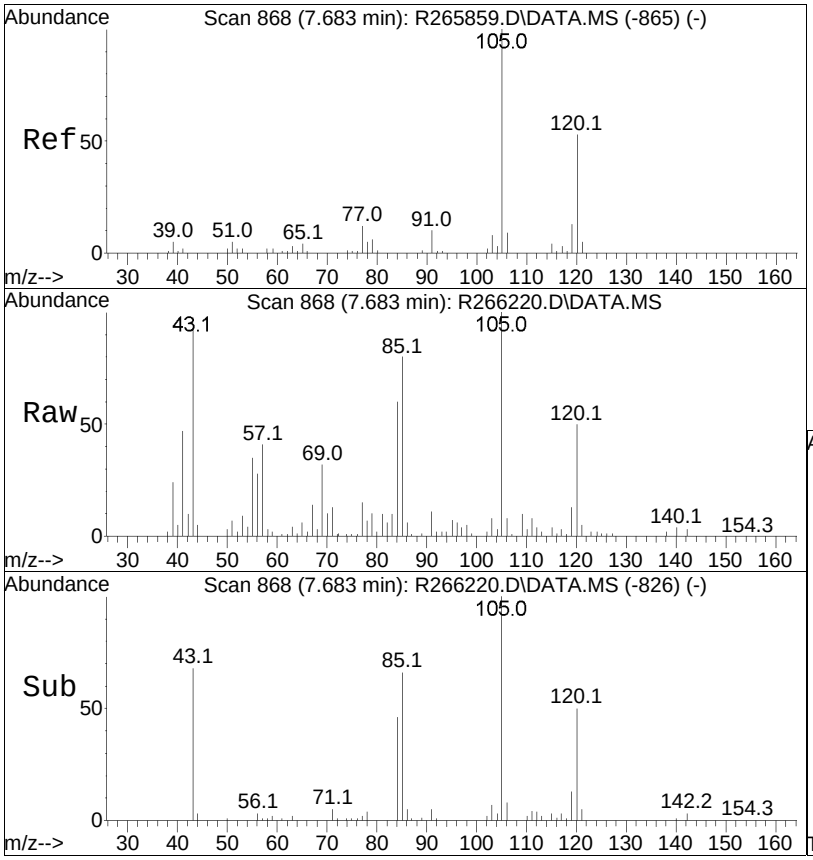


#96
4-ethyl toluene
Concen: 0.32 ppbV m
RT: 7.635 min Scan# 862
Delta R.T. -0.000 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion:105 Resp: 31128

Ion	Ratio	Lower	Upper
105	100		
120	31.9	24.9	37.3
91	14.2	8.5	12.7#

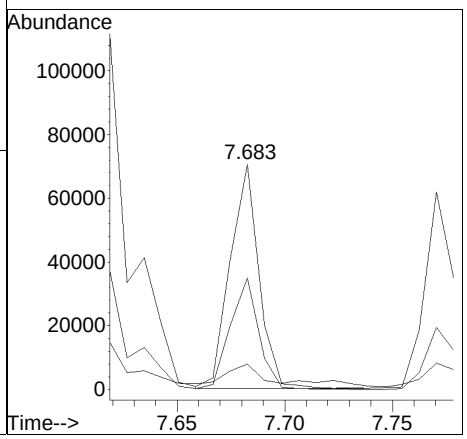


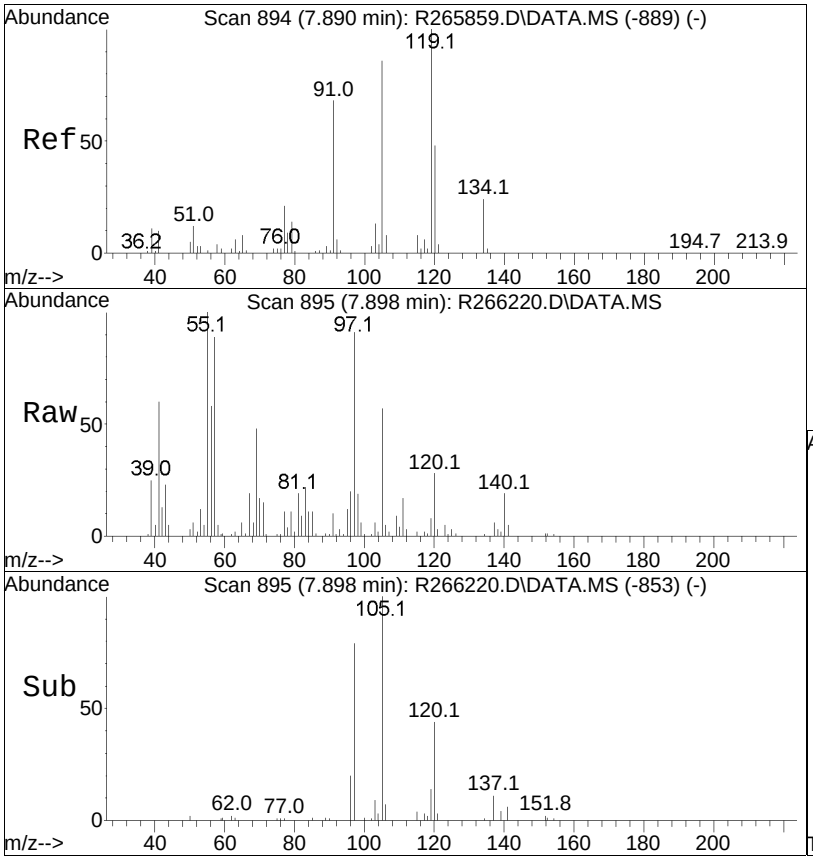


#97
1,3,5-trimethylbenzene
Concen: 0.81 ppbV
RT: 7.683 min Scan# 868
Delta R.T. -0.000 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion:105 Resp: 65475

Ion	Ratio	Lower	Upper
105	100		
120	49.5	42.6	63.8
91	11.2	7.9	11.9

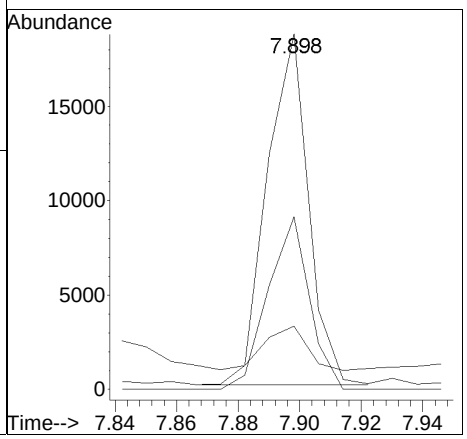




#99
1,2,4-trimethylbenzene
Concen: 0.20 ppbV
RT: 7.898 min Scan# 895
Delta R.T. 0.008 min
Lab File: R266220.D
Acq: 20 Oct 2025 02:18 am

Tgt Ion:105 Resp: 17312

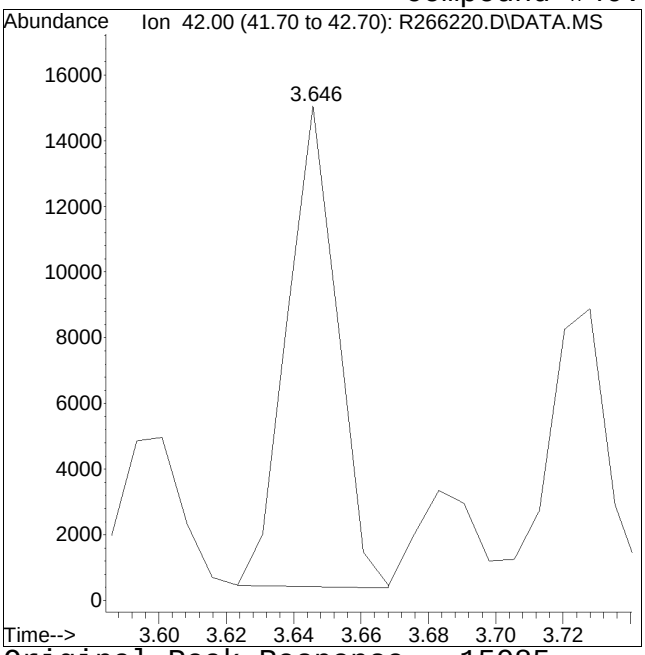
Ion	Ratio	Lower	Upper
105	100		
120	48.6	44.2	66.4
91	17.8	62.9	94.3#



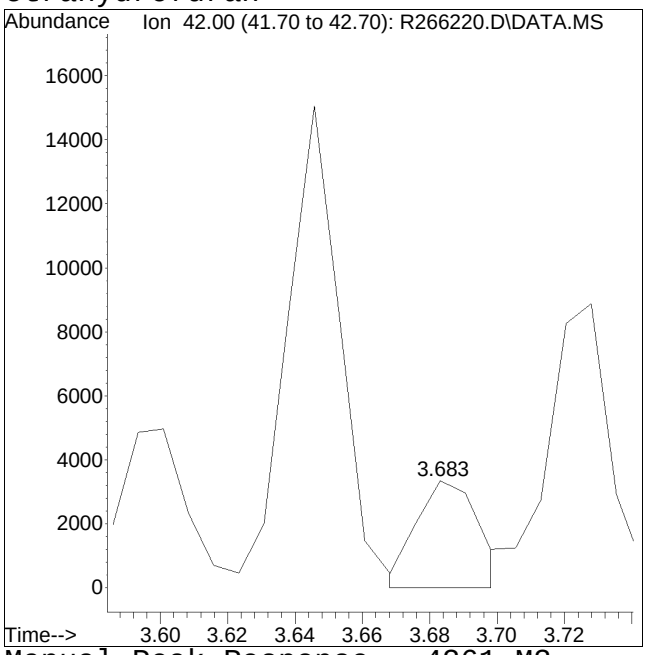
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R266220.D Operator : AIRLAB26:RAY
Date Inj'd : 10/20/2025 2:18 am Instrument : Airlab26
Sample : L2565378-01D,3,9.83,250 Quant Date : 10/20/2025 7:23 am

Compound #40: Tetrahydrofuran



Original Peak Response = 15085



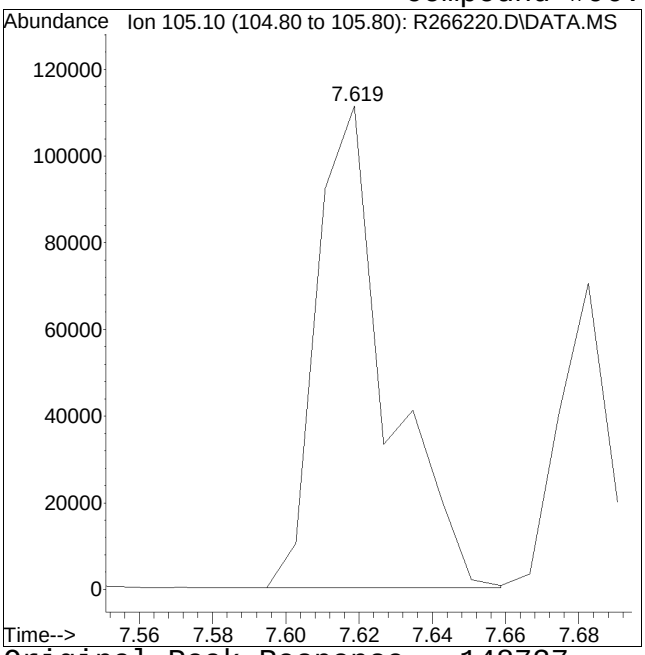
Manual Peak Response = 4261 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

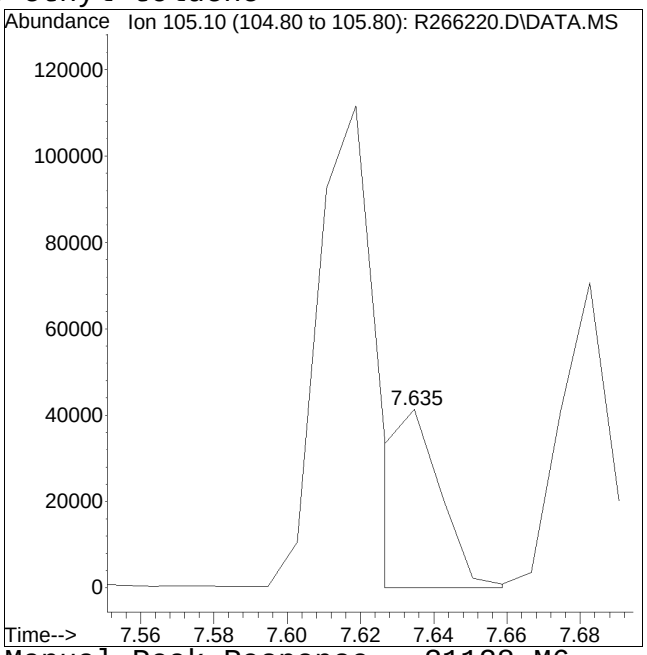
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R266220.D Operator : AIRLAB26:RAY
Date Inj'd : 10/20/2025 2:18 am Instrument : Airlab26
Sample : L2565378-01D,3,9.83,250 Quant Date : 10/20/2025 7:23 am

Compound #96: 4-ethyl toluene



Original Peak Response = 148737



Manual Peak Response = 31128 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266221.D
Acq On : 20 Oct 2025 02:48 am
Operator : AIRLAB26:RAY
Sample : L2565378-02D,3,70,250
Misc : WG2129876,ICAL22711
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 20 07:23:37 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	185477	10.000	ppbV	0.00
Standard Area = 199817			Recovery = 92.82%			
43) 1,4-difluorobenzene	4.317	114	632166	10.000	ppbV	0.00
Standard Area = 700064			Recovery = 90.30%			
67) chlorobenzene-D5	6.438	54	119199	10.000	ppbV	0.00
Standard Area = 104710			Recovery = 113.84%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	1.953	85	19607	0.441	ppbV	97
6) chloromethane	1.997	50	744M3	0.053	ppbV	
7) Freon-114	1.991		0	N.D.		
9) vinyl chloride	1.942		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.261	31	26553	3.608	ppbV	99
17) vinyl bromide	0.000		0	N.D.		
19) acetone	0.000		0	N.D.	d	
21) trichlorofluoromethane	2.454	101	2909	0.057	ppbV	93
22) isopropyl alcohol	2.471	45	129373	4.790	ppbV #	96
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	0.000		0	N.D.	d	
28) methylene chloride	2.664	49	15090	0.674	ppbV	97
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	2.754	76	2347	0.041	ppbV #	1
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.	d	
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	3.202	43	11664M3	0.415	ppbV	
37) cis-1,2-dichloroethene	0.000		0	N.D.	d	
38) Ethyl Acetate	0.000		0	N.D.	d	
39) chloroform	3.489	83	1667	0.046	ppbV #	1
40) Tetrahydrofuran	3.675	42	8543M3	0.728	ppbV	
42) 1,2-dichloroethane	0.000		0	N.D.	d	
44) hexane	3.474	57	1230411	60.505	ppbV #	1

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266221.D
Acq On : 20 Oct 2025 02:48 am
Operator : AIRLAB26:RAY
Sample : L2565378-02D,3,70,250
Misc : WG2129876,ICAL22711
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 20 07:23:37 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,1,1-trichloroethane	3.921		0	N.D.			
50) benzene	4.128	78	805542	16.373	ppbV		97
52) carbon tetrachloride	0.000		0	N.D.	d		
53) cyclohexane	4.260	56	322817	16.073	ppbV		94
56) 1,2-dichloropropane	0.000		0	N.D.	d		
57) bromodichloromethane	0.000		0	N.D.	d		
58) 1,4-dioxane	0.000		0	N.D.			
59) trichloroethene	0.000		0	N.D.			
60) 2,2,4-trimethylpentane	4.685	57	3886464	60.437	ppbV		97
62) heptane	4.835	43	794261	41.744	ppbV		98
63) cis-1,3-dichloropropene	5.125		0	N.D.			
64) 4-methyl-2-pentanone	0.000		0	N.D.	d		
65) trans-1,3-dichloropropene	0.000		0	N.D.			
66) 1,1,2-trichloroethane	0.000		0	N.D.	d		
68) toluene	5.572	91	3313511	42.033	ppbV		98
72) 2-hexanone	0.000		0	N.D.	d		
74) dibromochloromethane	0.000		0	N.D.			
75) 1,2-dibromoethane	0.000		0	N.D.	d		
78) tetrachloroethene	6.131	166	21466	0.526	ppbV		93
80) chlorobenzene	0.000		0	N.D.	d		
81) ethylbenzene	6.667	91	453206	4.501	ppbV		100
83) m+p-xylene	6.760	91	10221723	126.755	ppbV		91
84) bromoform	0.000		0	N.D.			
85) styrene	6.934	104	14282	0.237	ppbV		91
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d		
87) o-xylene	6.986	91	4799854	59.349	ppbV		99
96) 4-ethyl toluene	7.635	105	610594M6	5.571	ppbV		
97) 1,3,5-trimethylbenzene	7.682	105	1404248	15.416	ppbV		97
99) 1,2,4-trimethylbenzene	7.898	105	562887	5.847	ppbV	#	50
101) Benzyl Chloride	0.000		0	N.D.	d		
102) 1,3-dichlorobenzene	7.994		0	N.D.			
103) 1,4-dichlorobenzene	7.994		0	N.D.			
107) 1,2-dichlorobenzene	0.000		0	N.D.			
115) 1,2,4-trichlorobenzene	0.000		0	N.D.			
116) naphthalene	9.241		0	N.D.			
119) hexachlorobutadiene	0.000		0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266221.D
Acq On : 20 Oct 2025 02:48 am
Operator : AIRLAB26:RAY
Sample : L2565378-02D,3,70,250
Misc : WG2129876,ICAL22711
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 20 07:23:37 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

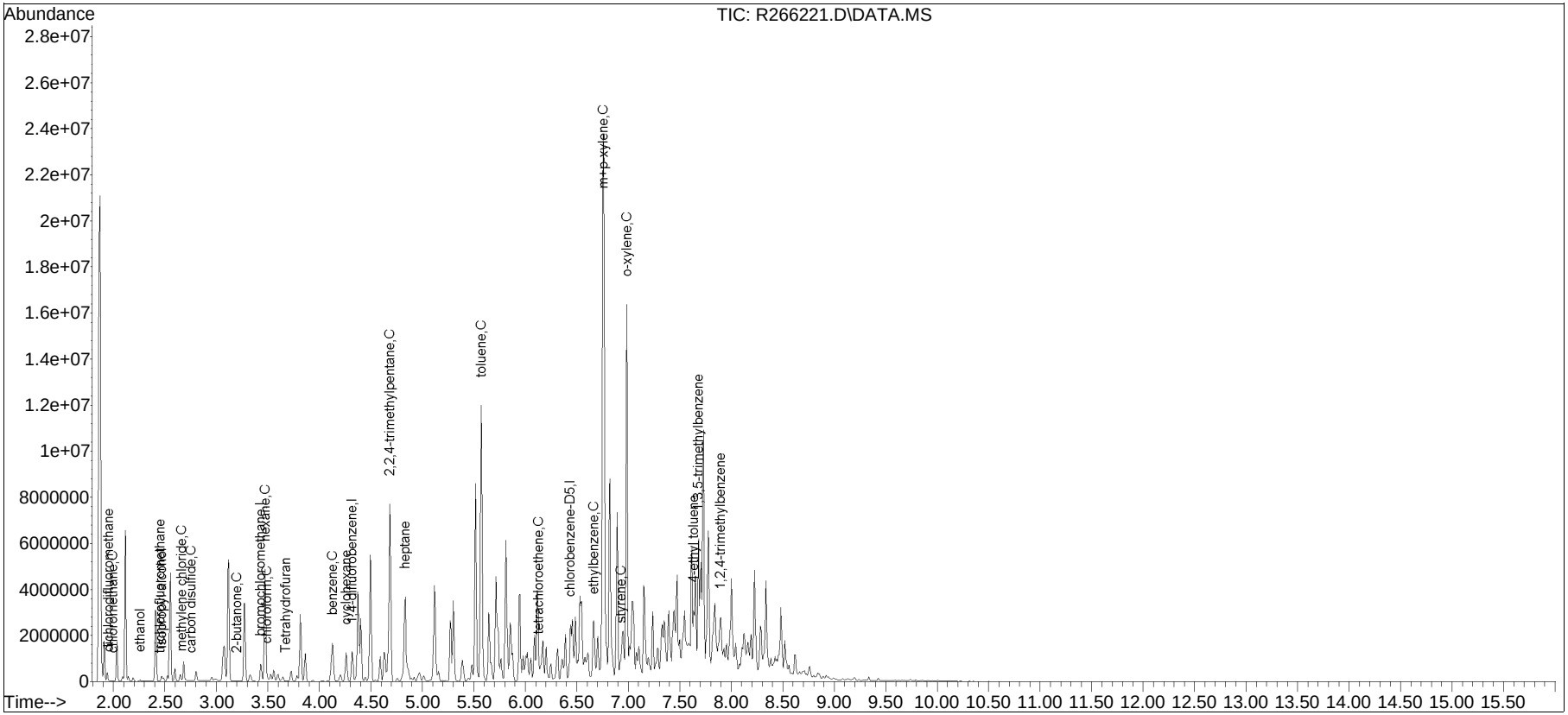
CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : TO15-NY+Naphthalene - .

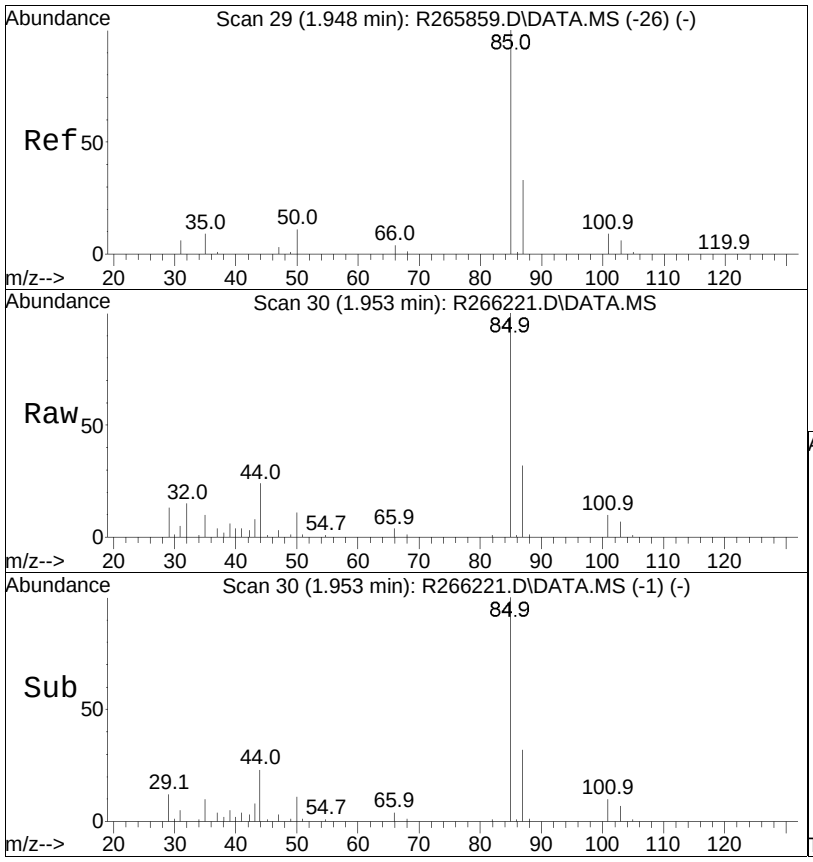
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\10\1019T\R266202.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266221.D
Acq On : 20 Oct 2025 02:48 am
Operator : AIRLAB26:RAY
Sample : L2565378-02D,3,70,250
Misc : WG2129876,ICAL22711
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 20 07:23:37 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

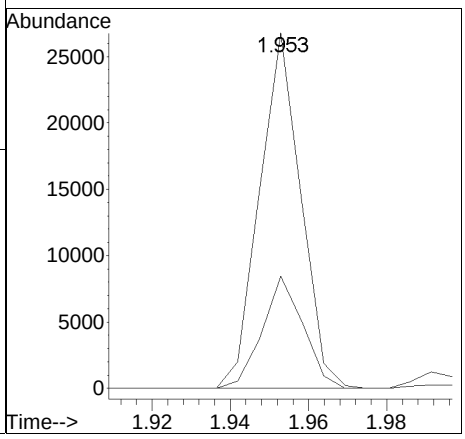


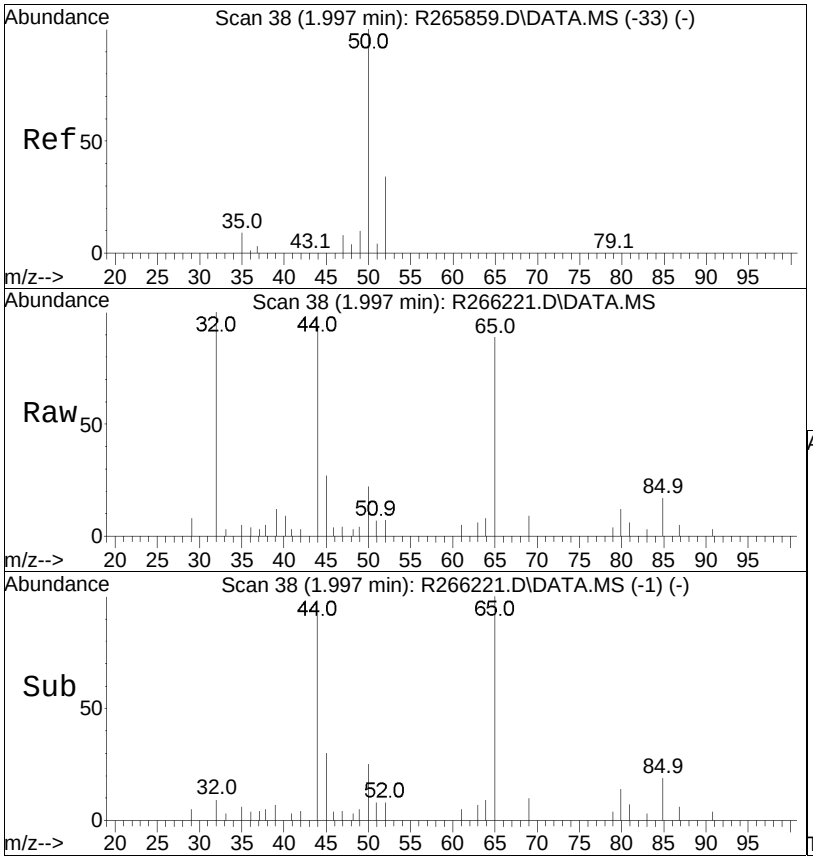


#5
dichlorodifluoromethane
Concen: 0.44 ppbV
RT: 1.953 min Scan# 30
Delta R.T. 0.005 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 85 Resp: 19607

Ion	Ratio	Lower	Upper
85	100		
87	31.6	26.4	39.6

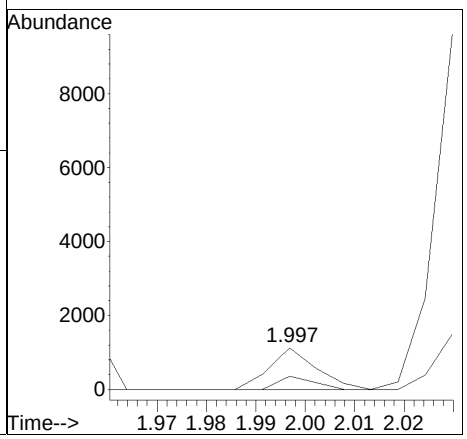


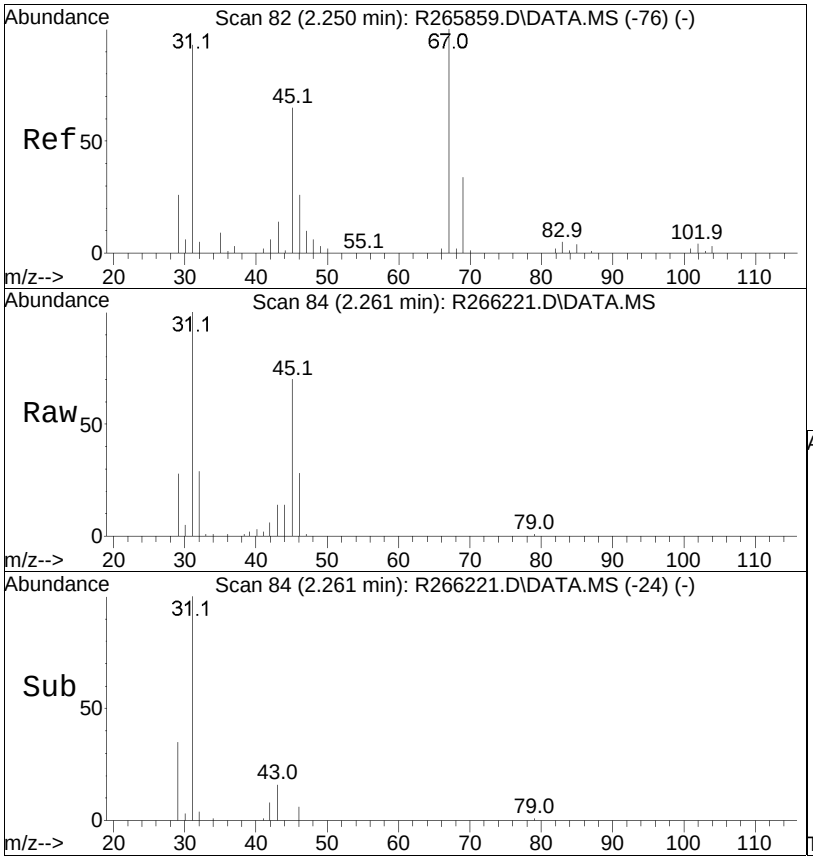


#6
chloromethane
Concen: 0.05 ppbV m
RT: 1.997 min Scan# 38
Delta R.T. -0.000 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 50 Resp: 744

Ion	Ratio	Lower	Upper
50	100		
52	31.7	27.3	40.9

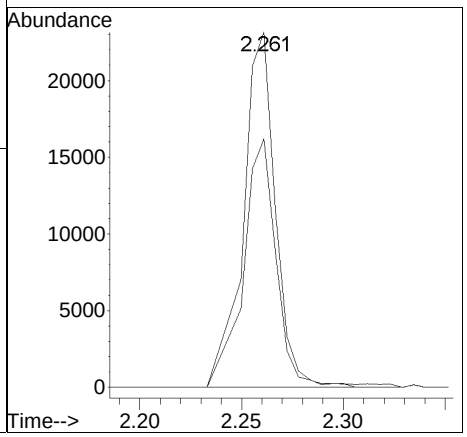


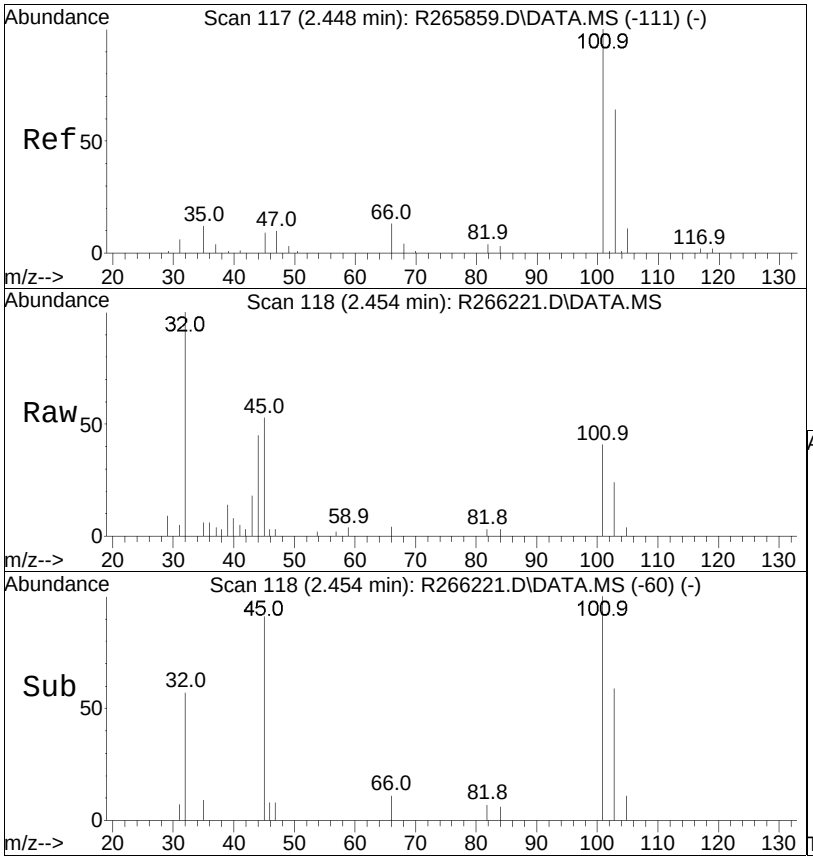


#15
ethanol
Concen: 3.61 ppbV
RT: 2.261 min Scan# 84
Delta R.T. 0.011 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 31 Resp: 26553

Ion	Ratio	Lower	Upper
31	100		
45	69.9	55.6	83.4

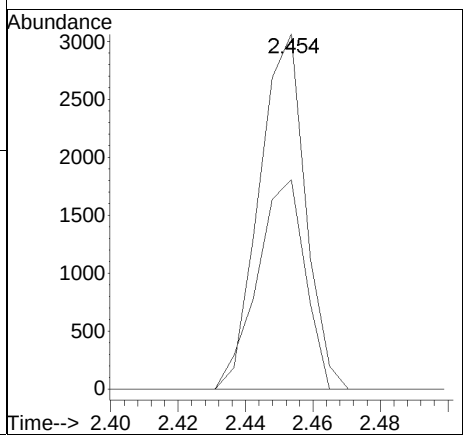


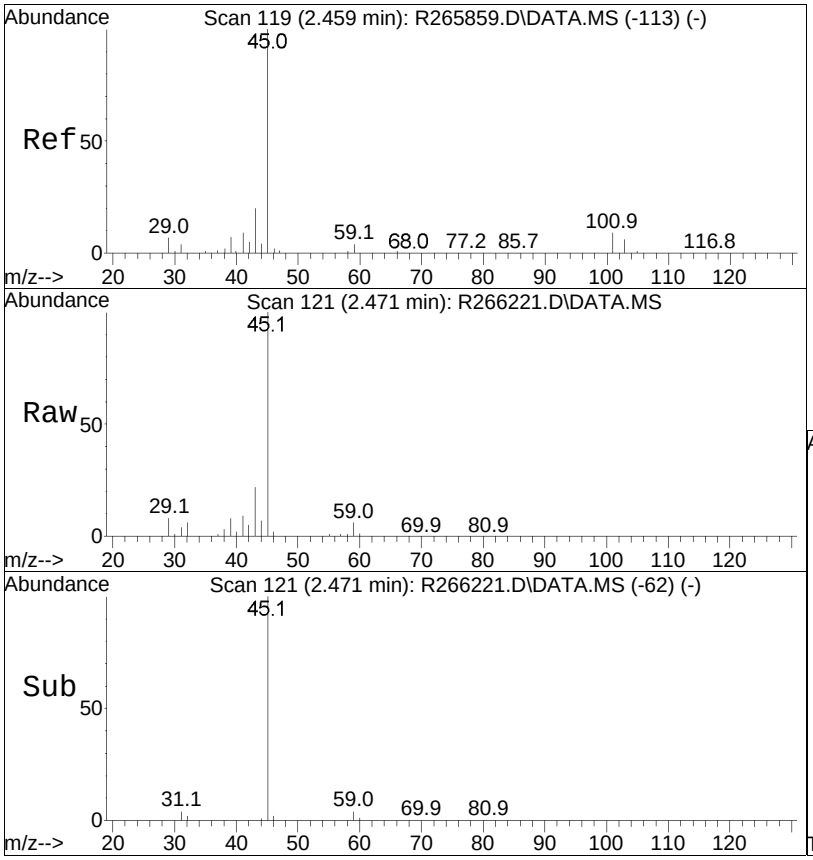


#21
trichlorofluoromethane
Concen: 0.06 ppbV
RT: 2.454 min Scan# 118
Delta R.T. 0.005 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion:101 Resp: 2909

Ion	Ratio	Lower	Upper
101	100		
103	59.0	51.6	77.4

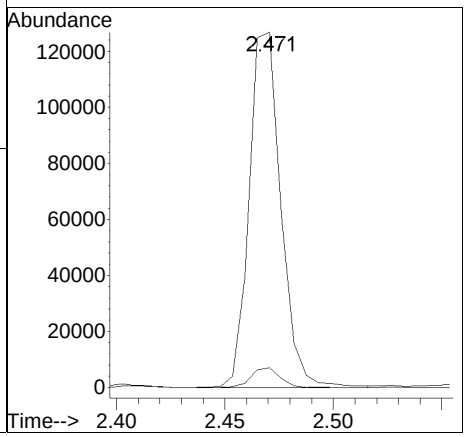


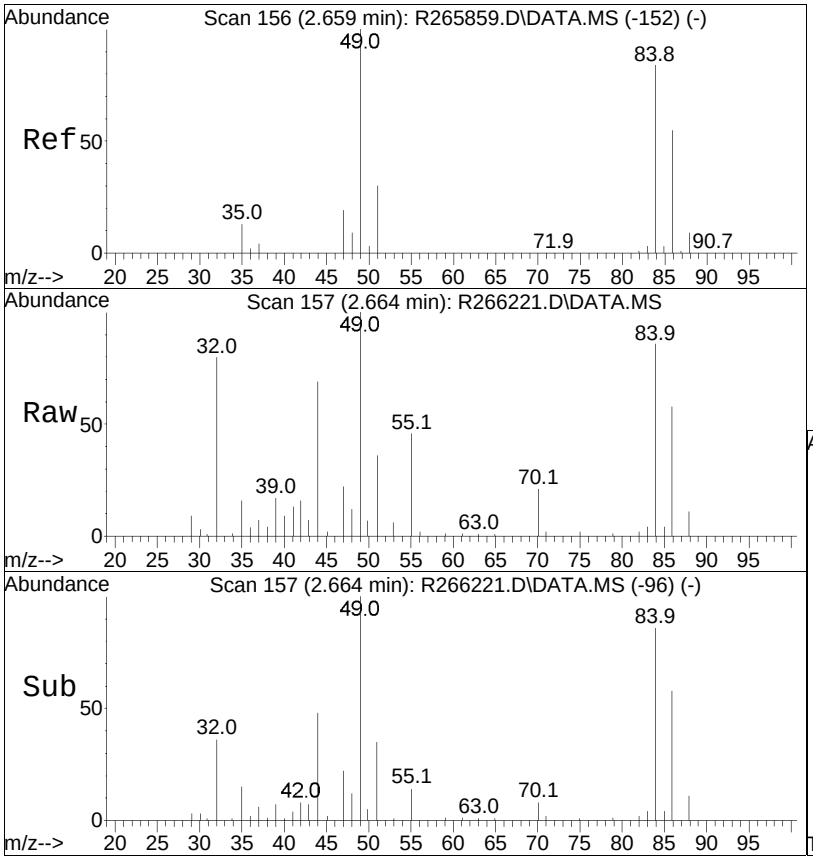


#22
isopropyl alcohol
Concen: 4.79 ppbV
RT: 2.471 min Scan# 121
Delta R.T. 0.011 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 45 Resp: 129373

Ion	Ratio	Lower	Upper
45	100		
59	5.6	3.4	5.2#

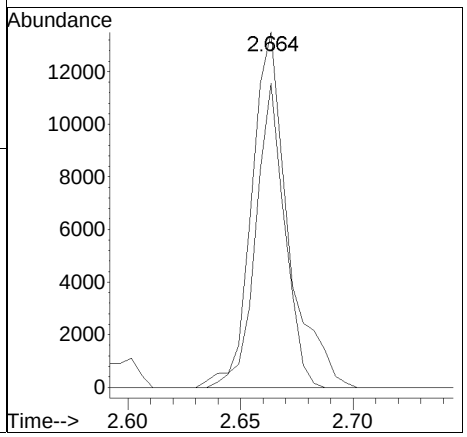


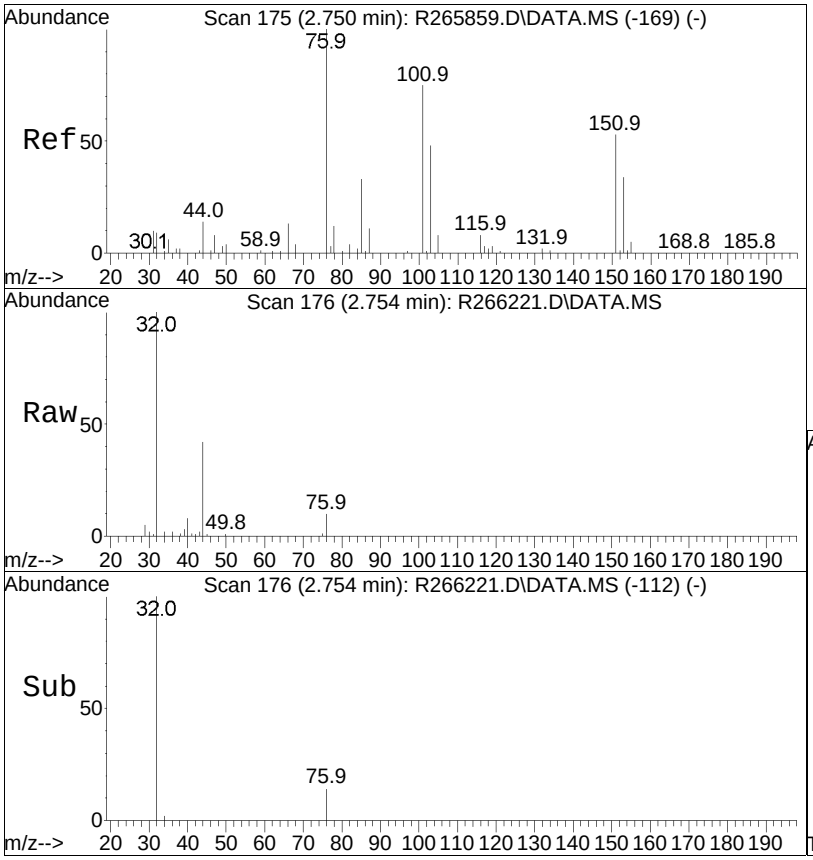


#28
methylene chloride
Concen: 0.67 ppbV
RT: 2.664 min Scan# 157
Delta R.T. 0.005 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 49 Resp: 15090

Ion	Ratio	Lower	Upper
49	100		
84	85.6	66.6	99.8

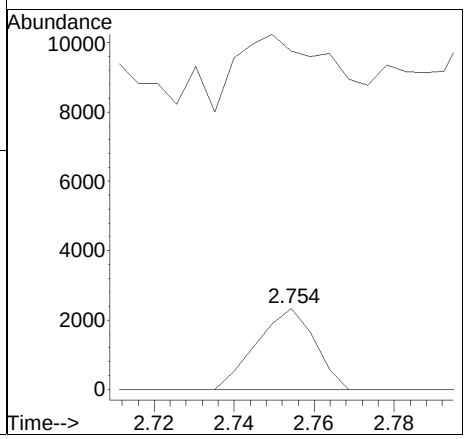


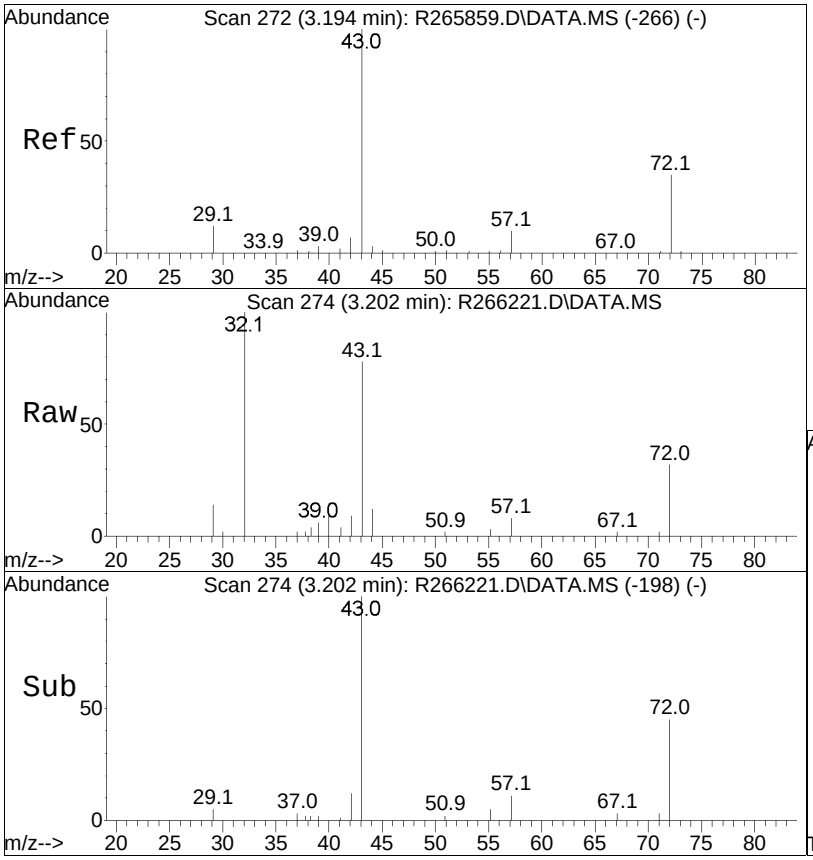


#30
carbon disulfide
Concen: 0.04 ppbV
RT: 2.754 min Scan# 176
Delta R.T. 0.005 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 76 Resp: 2347

Ion	Ratio	Lower	Upper
76	100		
44	417.9	11.6	17.4#

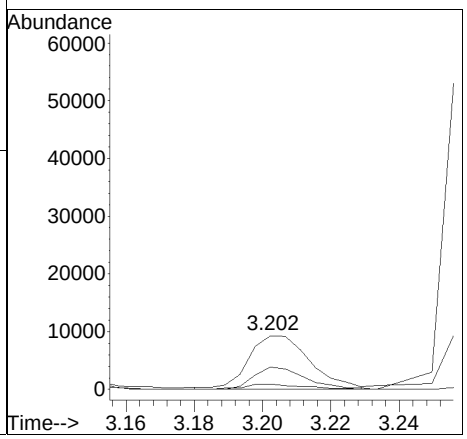


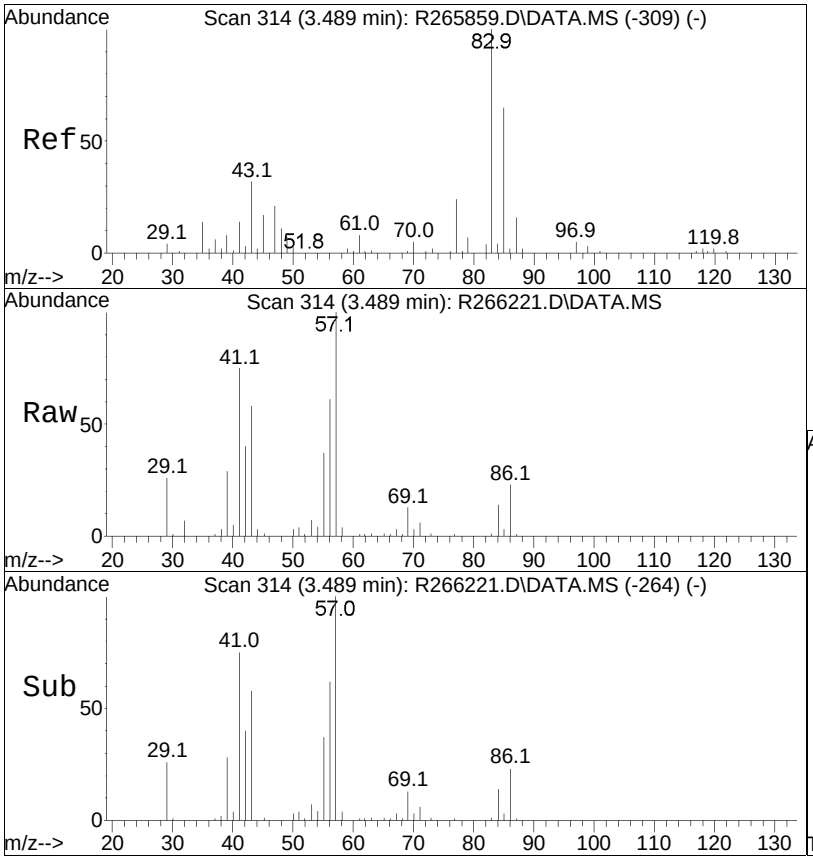


#36
2-butanone
Concen: 0.42 ppbV m
RT: 3.202 min Scan# 274
Delta R.T. 0.009 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 43 Resp: 11664

Ion	Ratio	Lower	Upper
43	100		
72	41.7	27.9	41.9
57	10.1	8.2	12.2

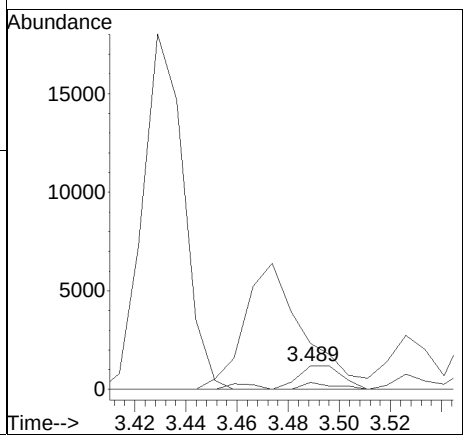


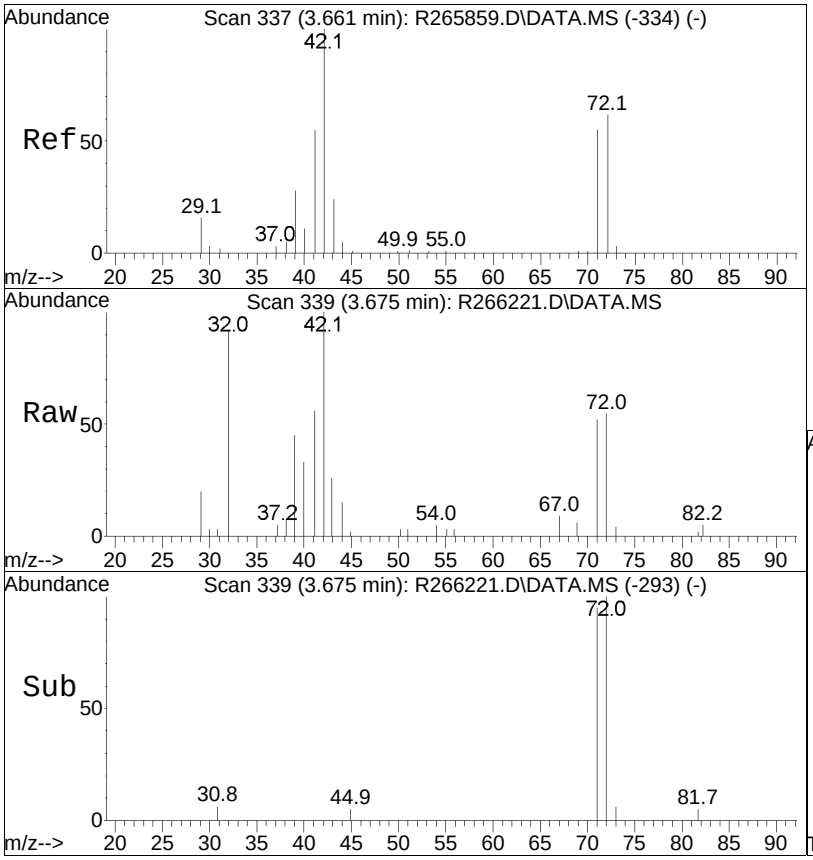


#39
chloroform
Concen: 0.05 ppbV
RT: 3.489 min Scan# 314
Delta R.T. -0.000 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 83 Resp: 1667

Ion	Ratio	Lower	Upper
83	100		
85	197.3	51.9	77.9#
47	30.0	17.0	25.4#

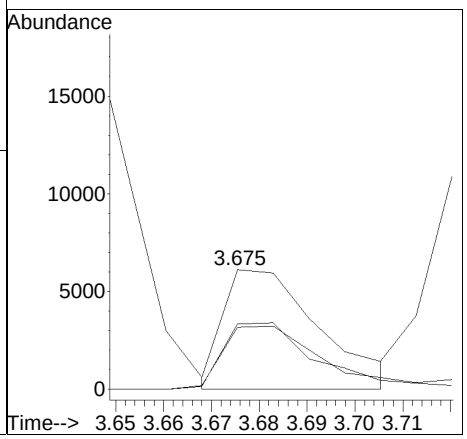


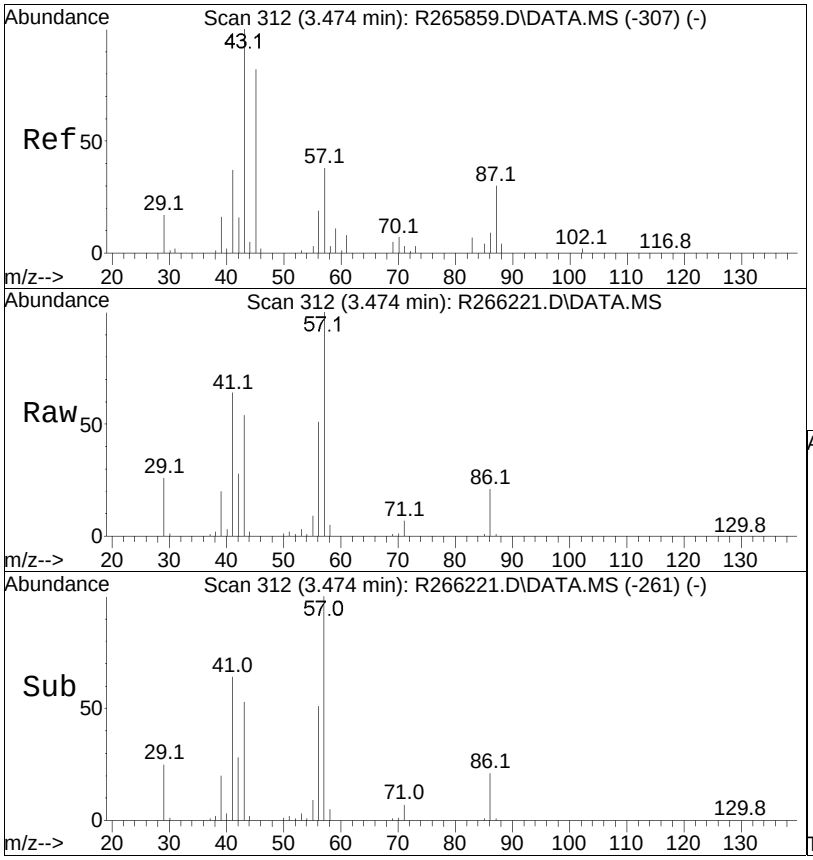


#40
Tetrahydrofuran
Concen: 0.73 ppbV m
RT: 3.675 min Scan# 339
Delta R.T. 0.015 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 42 Resp: 8543

Ion	Ratio	Lower	Upper
42	100		
71	51.9	44.3	66.5
72	54.6	49.4	74.2

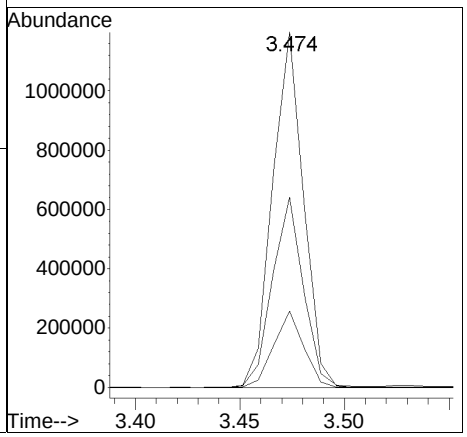


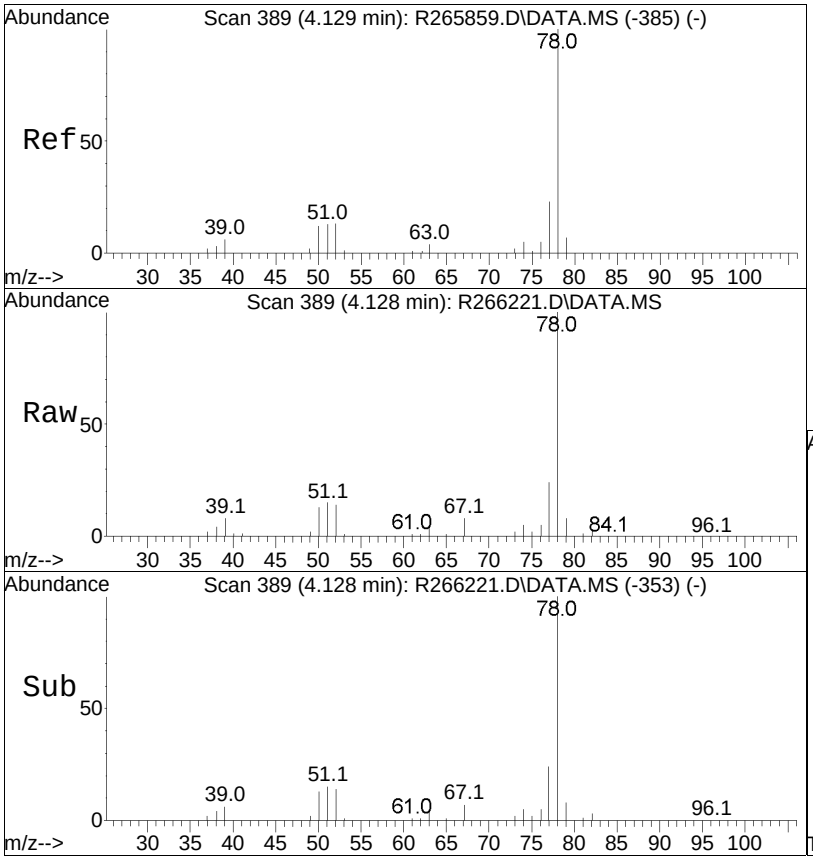


#44
hexane
Concen: 60.50 ppbV
RT: 3.474 min Scan# 312
Delta R.T. -0.000 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 57 Resp: 1230411

Ion	Ratio	Lower	Upper
57	100		
43	53.6	209.9	314.9#
86	21.5	18.6	27.8

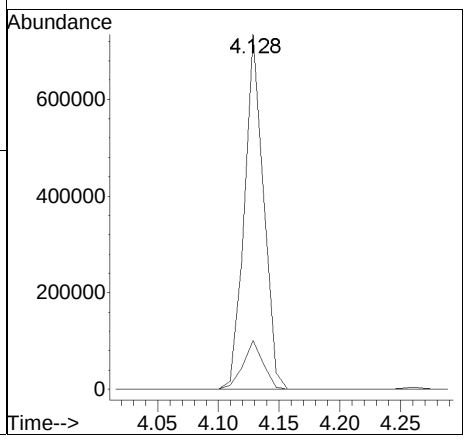


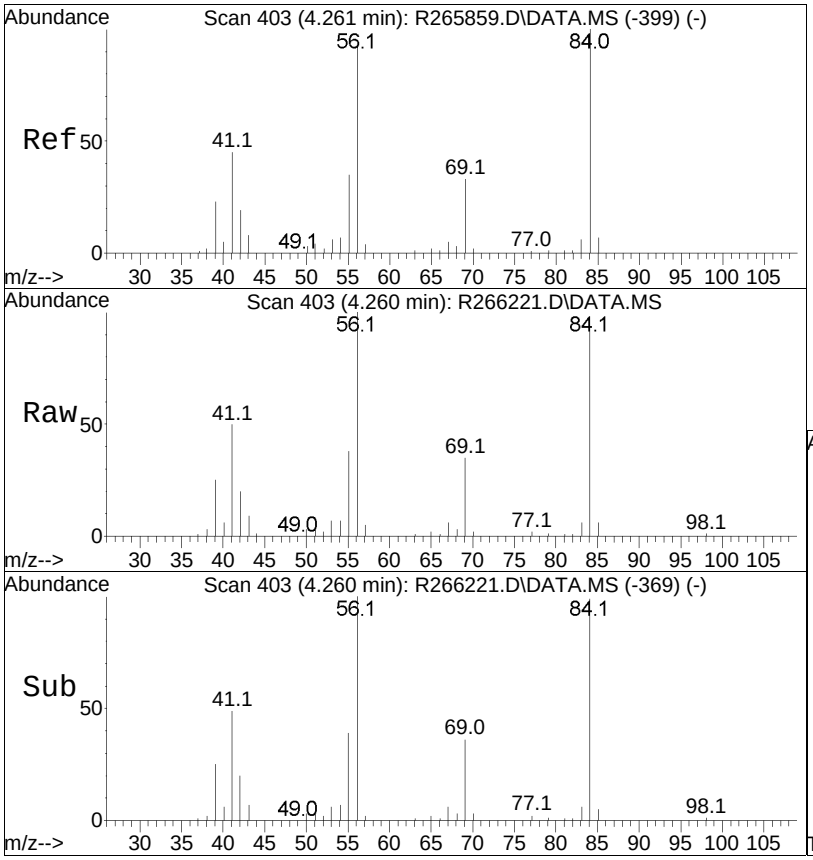


#50
benzene
Concen: 16.37 ppbV
RT: 4.128 min Scan# 389
Delta R.T. -0.000 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 78 Resp: 805542

Ion	Ratio	Lower	Upper
78	100		
52	13.8	10.1	15.1

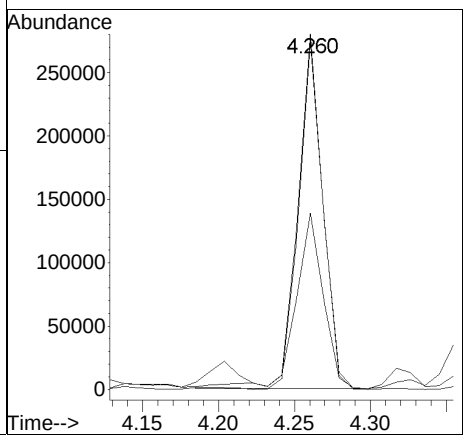


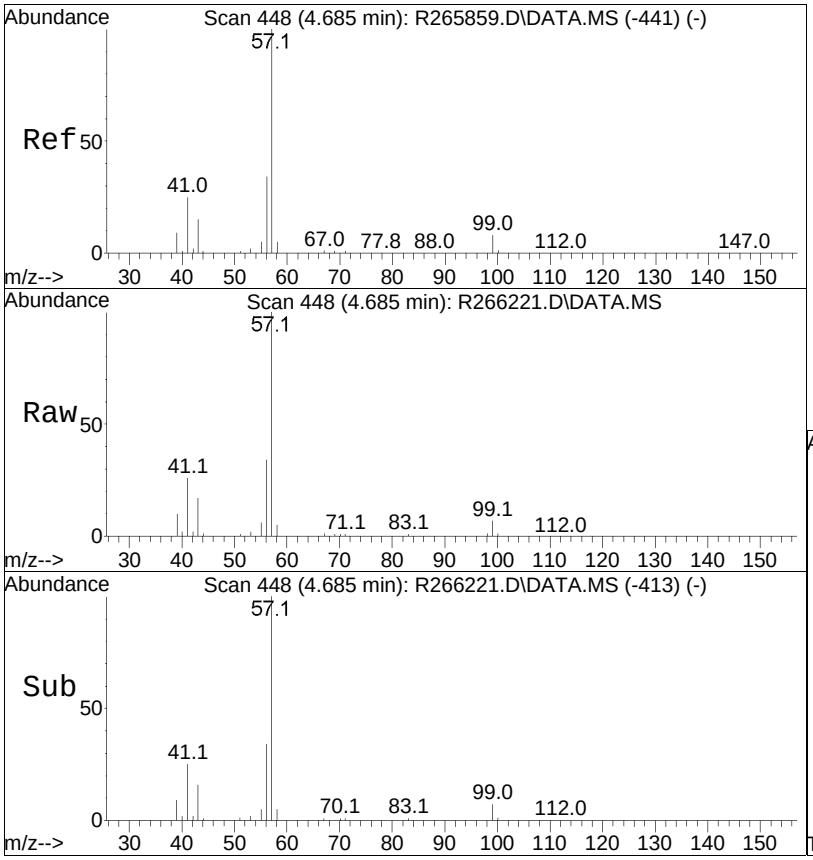


#53
cyclohexane
Concen: 16.07 ppbV
RT: 4.260 min Scan# 403
Delta R.T. -0.000 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 56 Resp: 322817

Ion	Ratio	Lower	Upper
56	100		
84	98.0	84.6	126.8
41	49.6	37.9	56.9

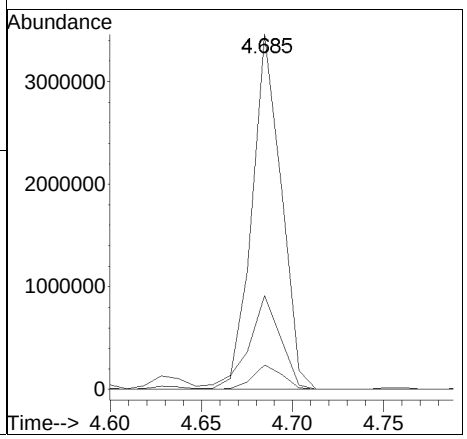


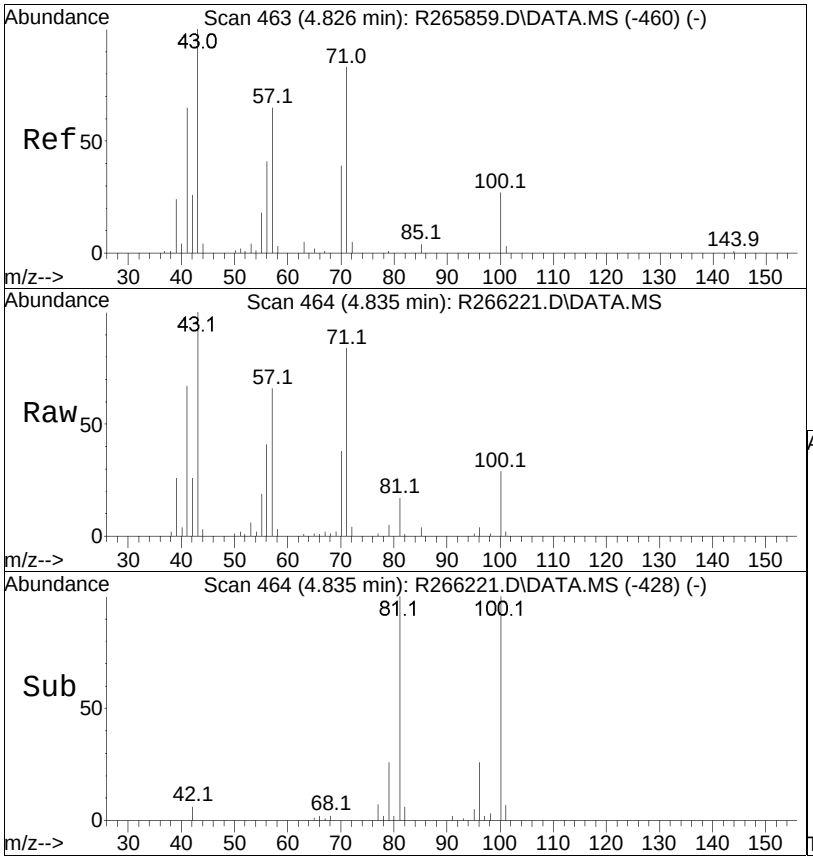


#60
2,2,4-trimethylpentane
Concen: 60.44 ppbV
RT: 4.685 min Scan# 448
Delta R.T. -0.000 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 57 Resp: 3886464

Ion	Ratio	Lower	Upper
57	100		
99	6.9	6.2	9.2
41	26.4	19.8	29.8

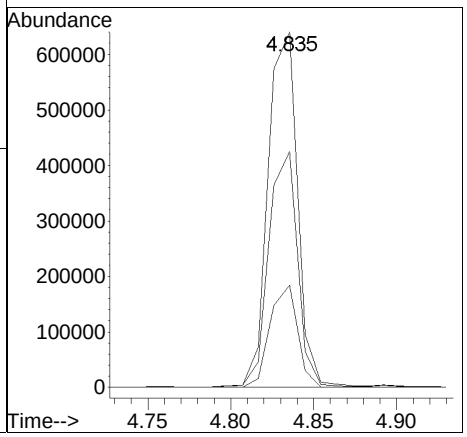


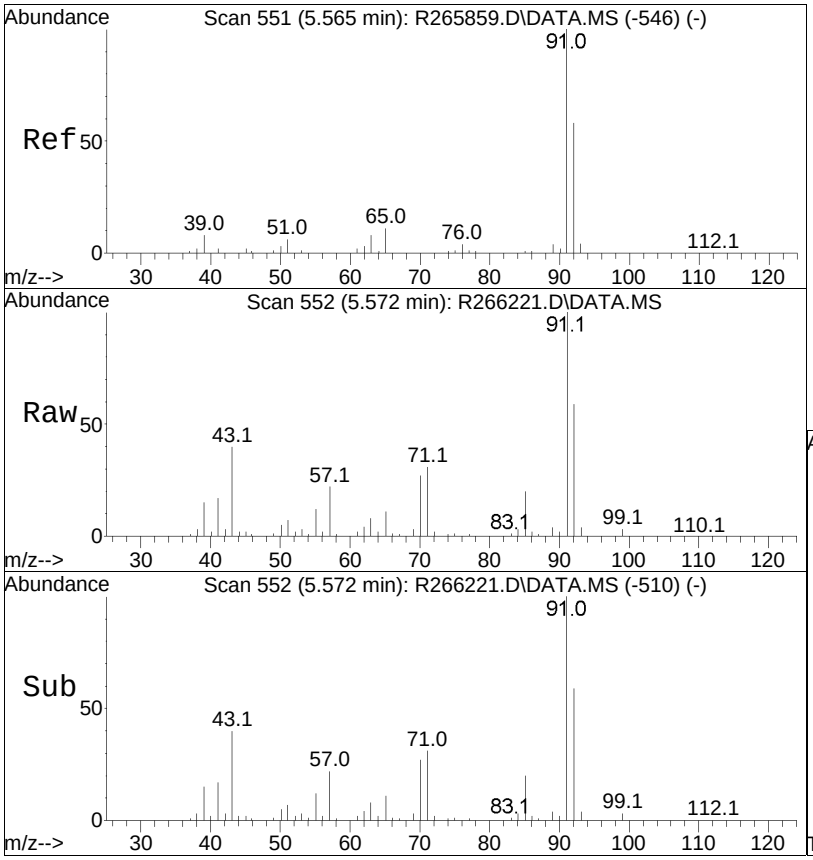


#62
heptane
Concen: 41.74 ppbV
RT: 4.835 min Scan# 464
Delta R.T. 0.009 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 43 Resp: 794261

Ion	Ratio	Lower	Upper
43	100		
57	66.4	52.1	78.1
100	28.8	22.3	33.5

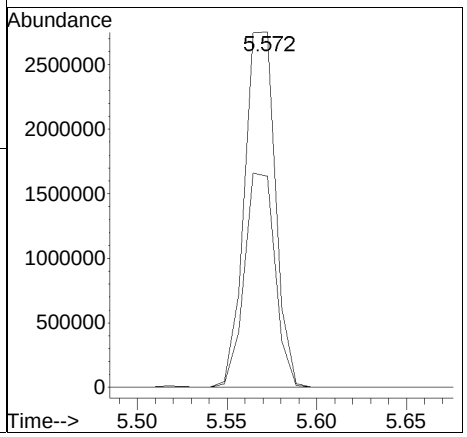


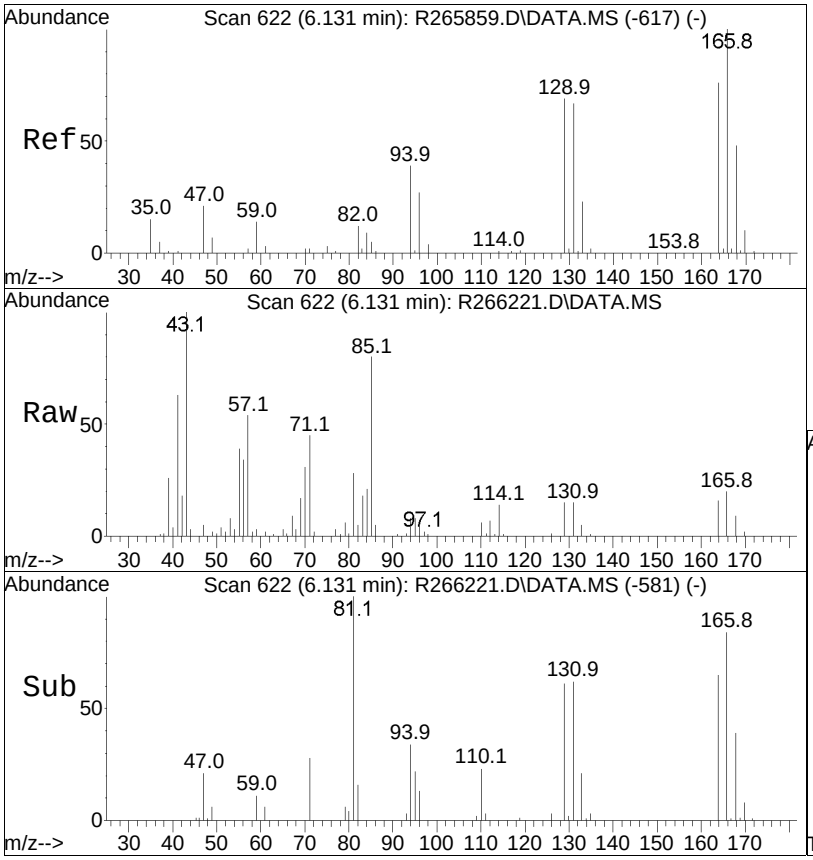


#68
toluene
Concen: 42.03 ppbV
RT: 5.572 min Scan# 552
Delta R.T. 0.008 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 91 Resp: 3313511

Ion	Ratio	Lower	Upper
91	100		
92	59.4	46.4	69.6

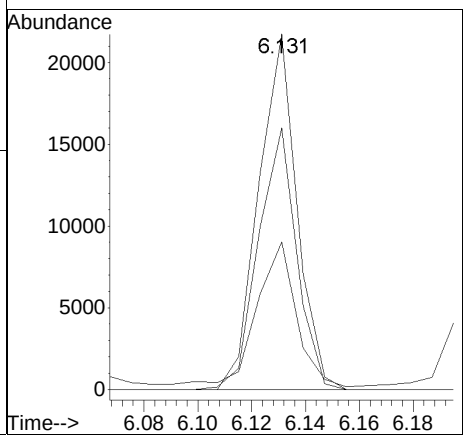


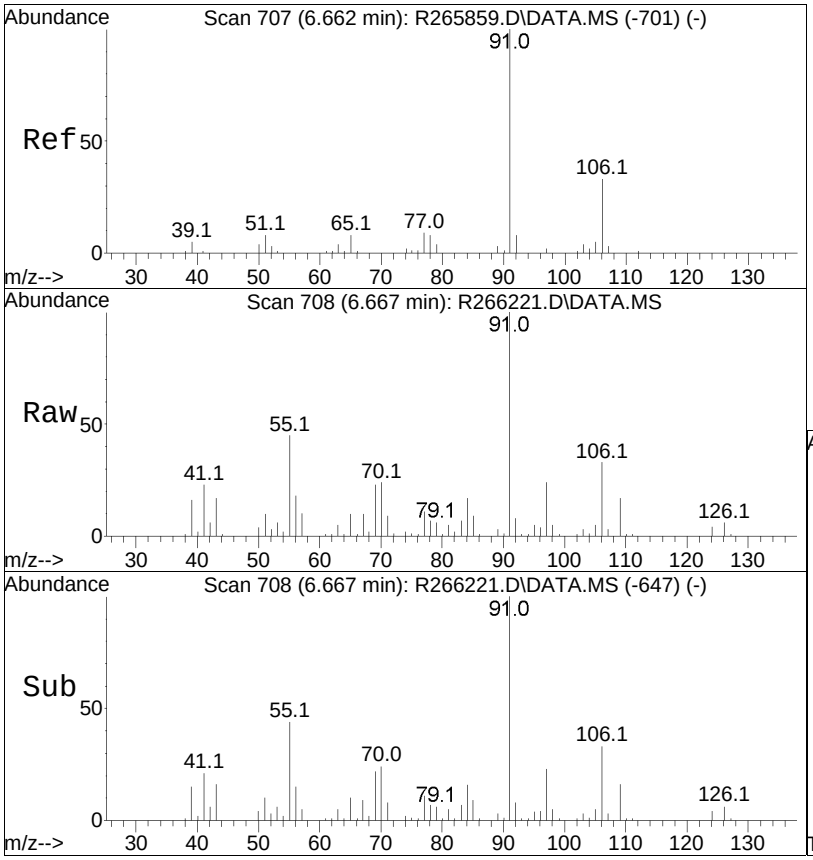


#78
tetrachloroethene
Concen: 0.53 ppbV
RT: 6.131 min Scan# 622
Delta R.T. -0.000 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion:166 Resp: 21466

Ion	Ratio	Lower	Upper
166	100		
131	73.6	53.8	80.6
94	41.5	31.2	46.8

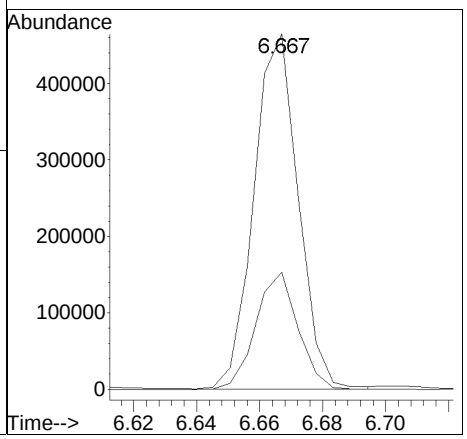


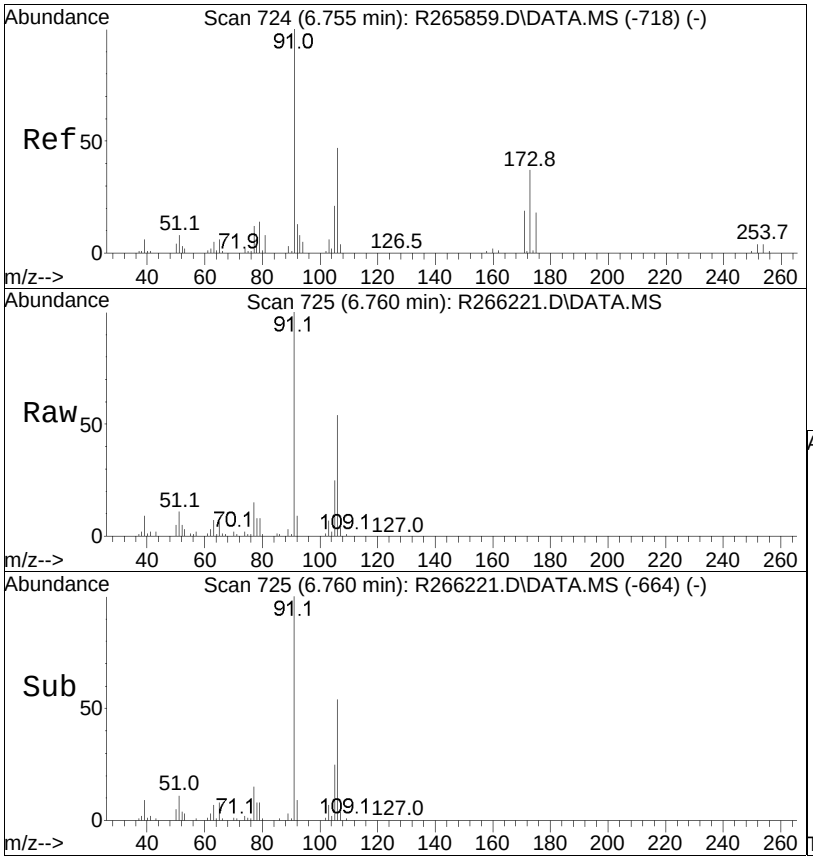


#81
ethylbenzene
Concen: 4.50 ppbV
RT: 6.667 min Scan# 708
Delta R.T. 0.005 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 91 Resp: 453206

Ion	Ratio	Lower	Upper
91	100		
106	33.0	26.6	39.8

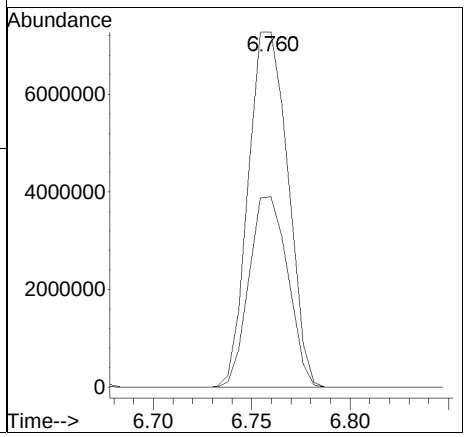


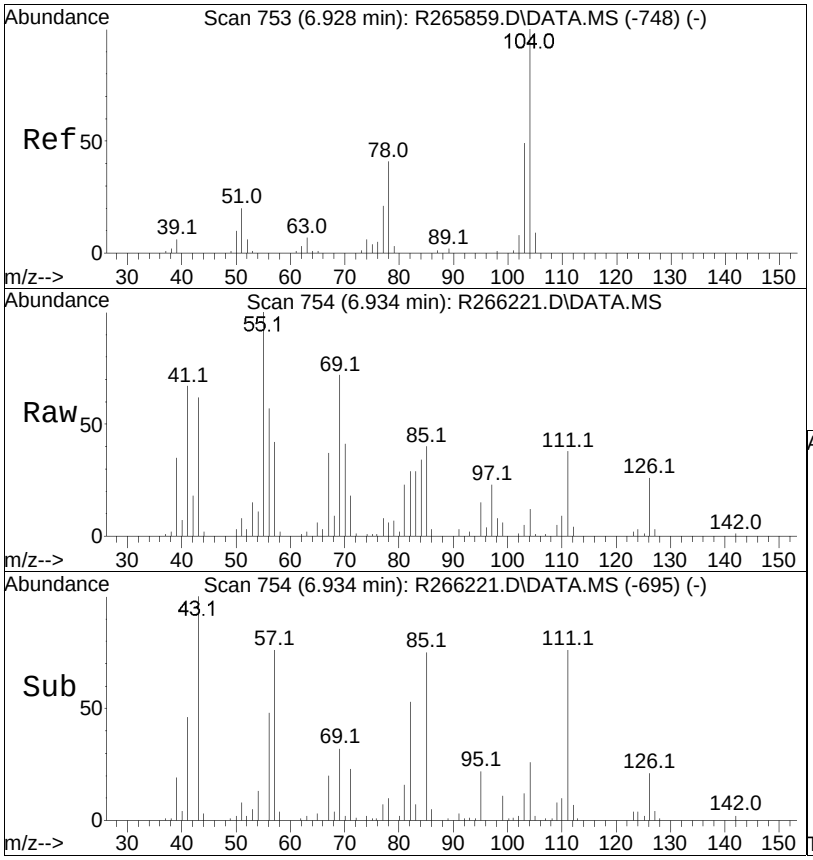


#83
m+p-xylene
Concen: 126.76 ppbV
RT: 6.760 min Scan# 725
Delta R.T. 0.005 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 91 Resp:10221723

Ion	Ratio	Lower	Upper
91	100		
106	53.6	38.0	57.0

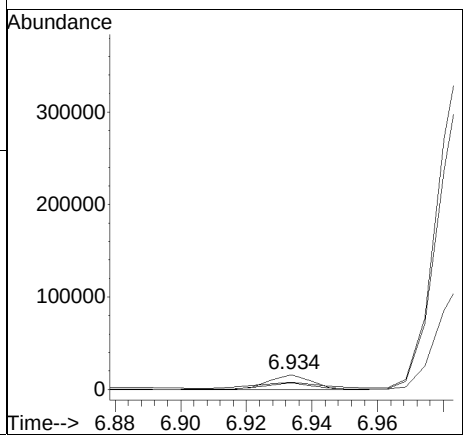


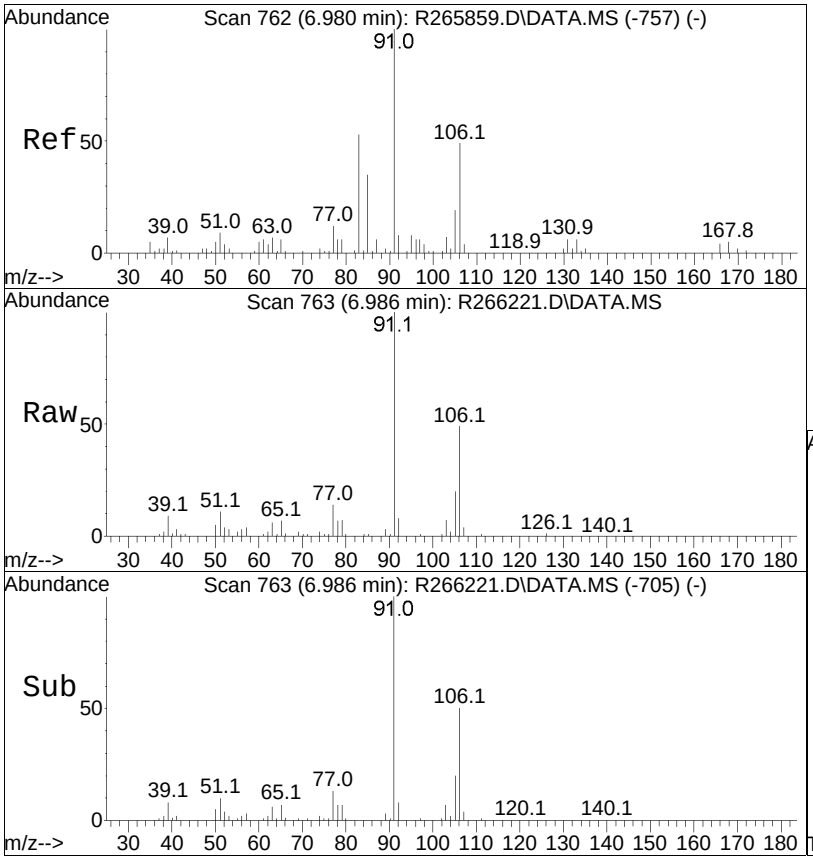


#85
styrene
Concen: 0.24 ppbV
RT: 6.934 min Scan# 754
Delta R.T. 0.006 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion:104 Resp: 14282

Ion	Ratio	Lower	Upper
104	100		
103	45.4	39.2	58.8
78	48.7	32.7	49.1

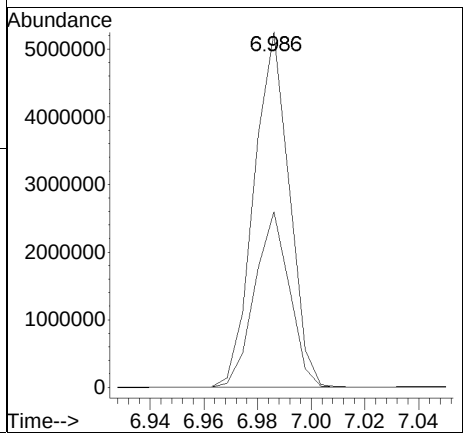


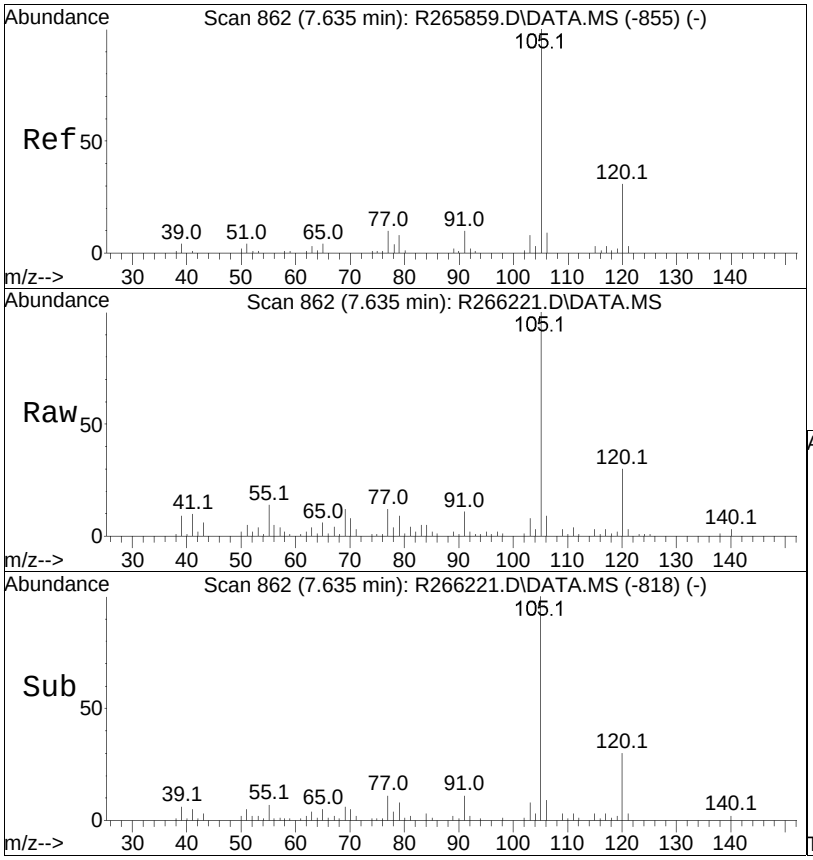


#87
o-xylene
Concen: 59.35 ppbV
RT: 6.986 min Scan# 763
Delta R.T. 0.006 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion: 91 Resp: 4799854

Ion	Ratio	Lower	Upper
91	100		
106	49.5	38.9	58.3

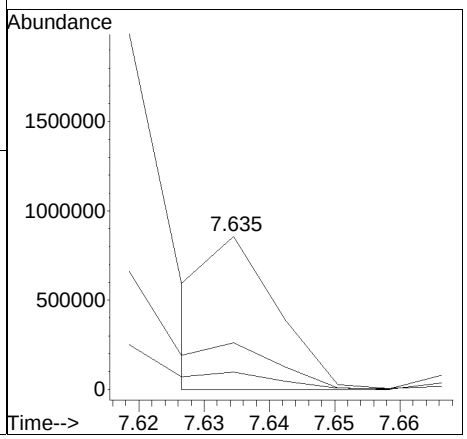


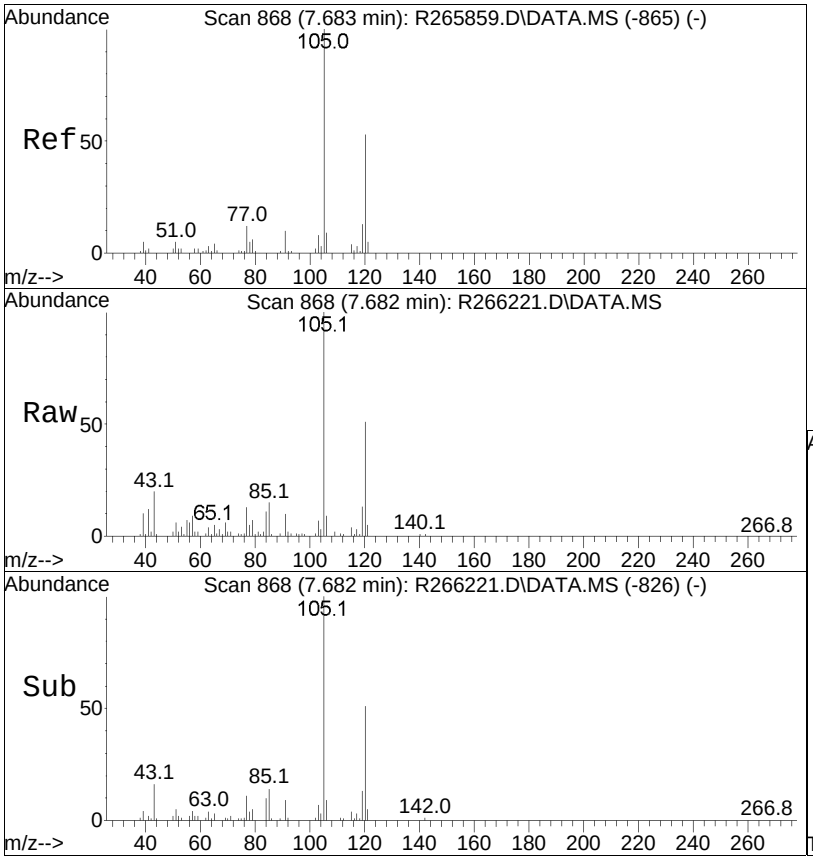


#96
4-ethyl toluene
Concen: 5.57 ppbV m
RT: 7.635 min Scan# 862
Delta R.T. -0.000 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion:105 Resp: 610594

Ion	Ratio	Lower	Upper
105	100		
120	30.5	24.9	37.3
91	11.3	8.5	12.7

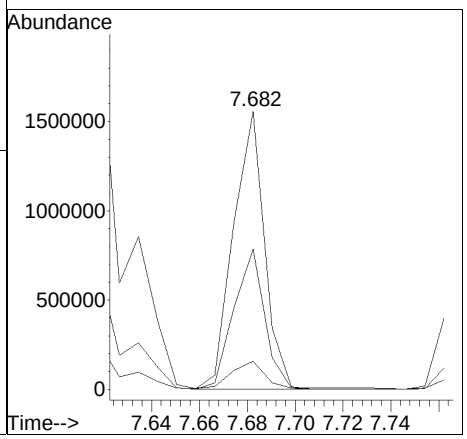


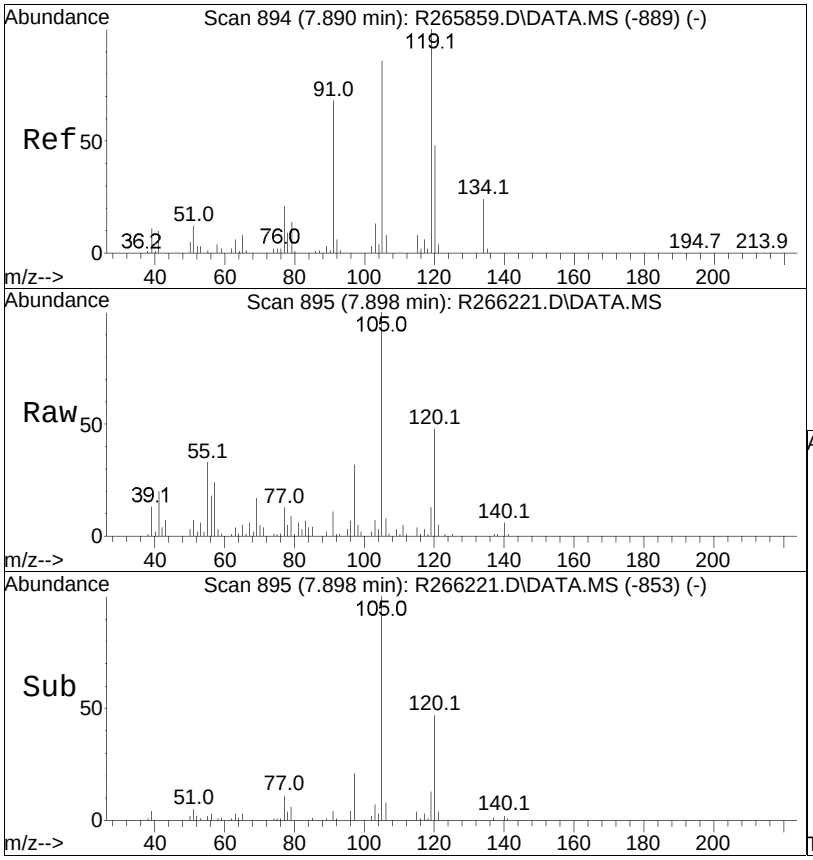


#97
1,3,5-trimethylbenzene
Concen: 15.42 ppbV
RT: 7.682 min Scan# 868
Delta R.T. -0.000 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion:105 Resp: 1404248

Ion	Ratio	Lower	Upper
105	100		
120	50.5	42.6	63.8
91	10.1	7.9	11.9

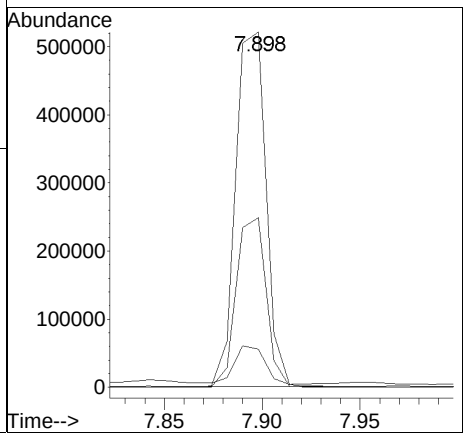




#99
1,2,4-trimethylbenzene
Concen: 5.85 ppbV
RT: 7.898 min Scan# 895
Delta R.T. 0.008 min
Lab File: R266221.D
Acq: 20 Oct 2025 02:48 am

Tgt Ion:105 Resp: 562887

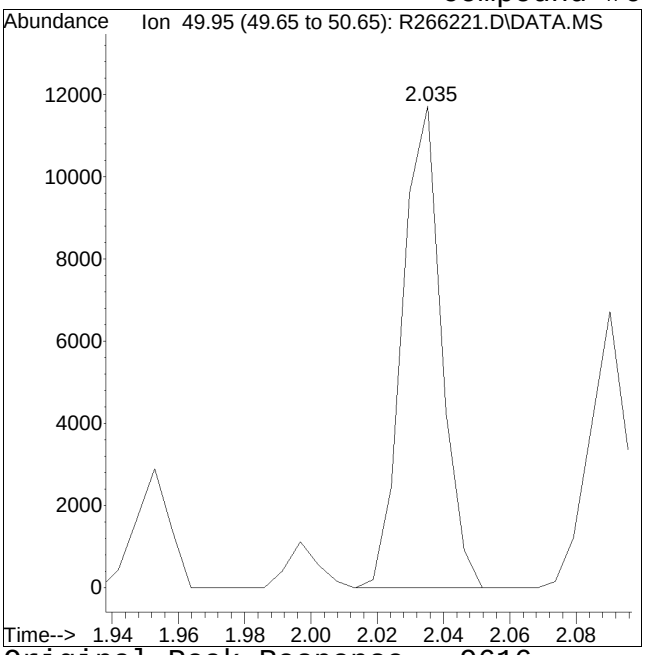
Ion	Ratio	Lower	Upper
105	100		
120	47.7	44.2	66.4
91	10.8	62.9	94.3#



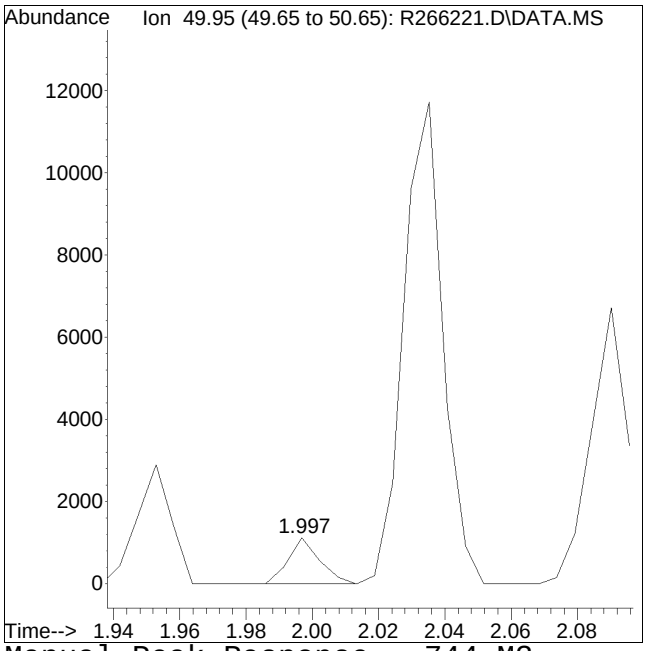
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R266221.D Operator : AIRLAB26:RAY
Date Inj'd : 10/20/2025 2:48 am Instrument : Airlab26
Sample : L2565378-02D,3,70,250 Quant Date : 10/20/2025 7:23 am

Compound #6: chloromethane



Original Peak Response = 9616



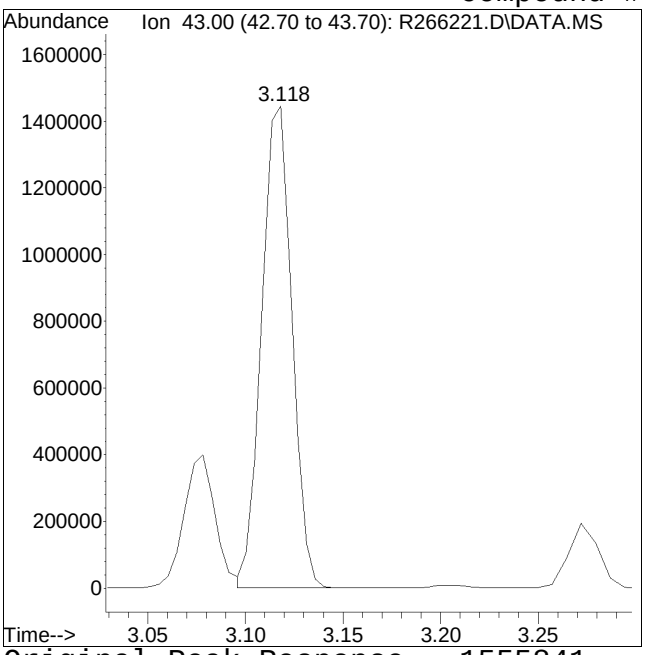
Manual Peak Response = 744 M3

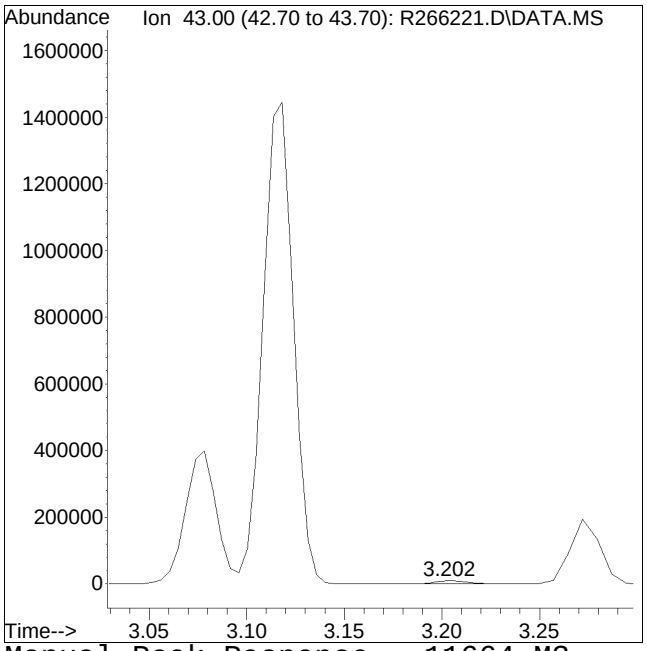
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R266221.D Operator : AIRLAB26:RAY
Date Inj'd : 10/20/2025 2:48 am Instrument : Airlab26
Sample : L2565378-02D,3,70,250 Quant Date : 10/20/2025 7:23 am

Compound #36: 2-butanone



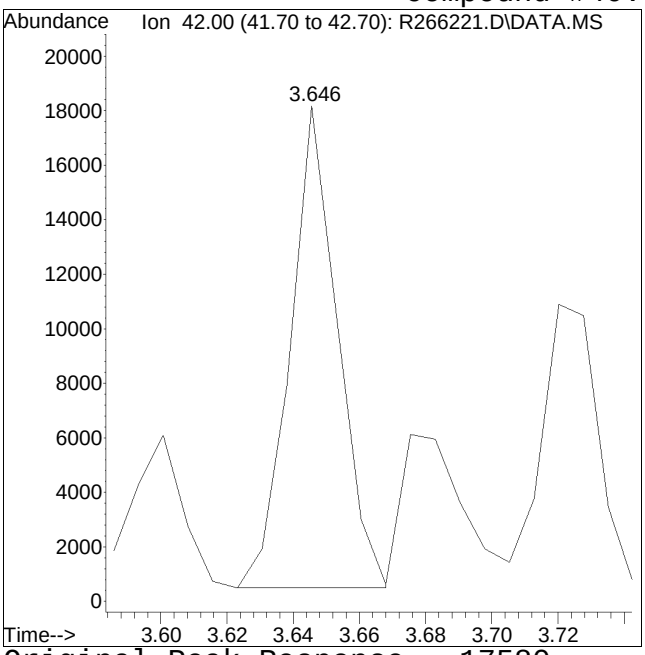


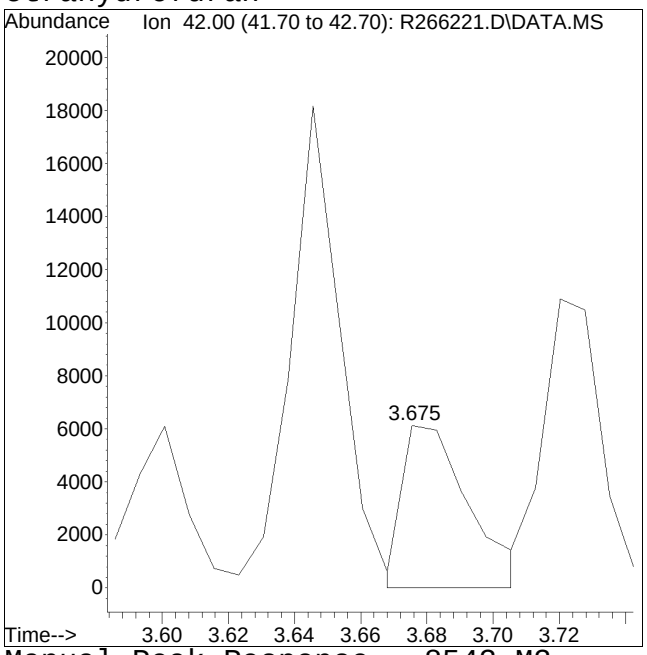
Original Peak Response = 1555841 Manual Peak Response = 11664 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R266221.D Operator : AIRLAB26:RAY
Date Inj'd : 10/20/2025 2:48 am Instrument : Airlab26
Sample : L2565378-02D,3,70,250 Quant Date : 10/20/2025 7:23 am

Compound #40: Tetrahydrofuran





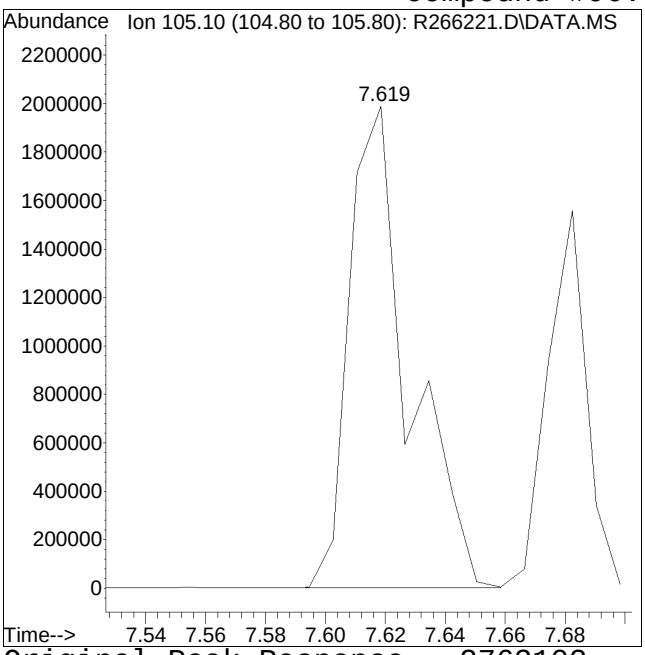
Original Peak Response = 17580 Manual Peak Response = 8543 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

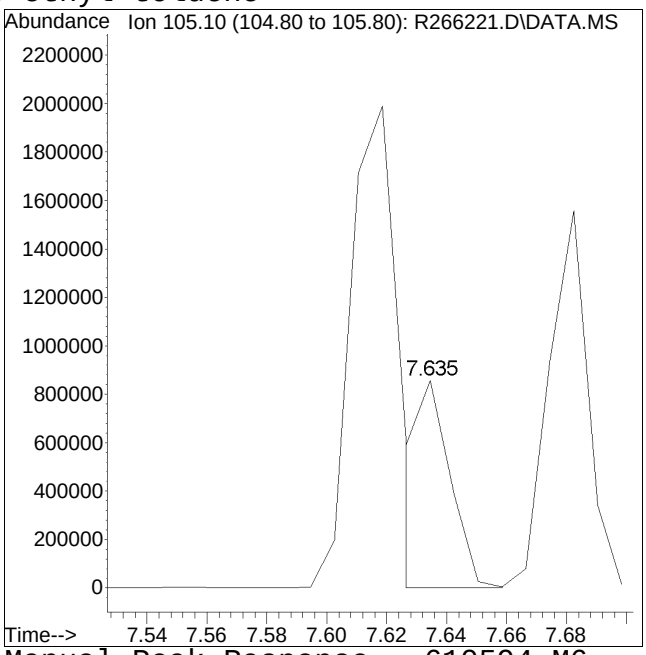
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R266221.D Operator : AIRLAB26:RAY
Date Inj'd : 10/20/2025 2:48 am Instrument : Airlab26
Sample : L2565378-02D,3,70,250 Quant Date : 10/20/2025 7:23 am

Compound #96: 4-ethyl toluene



Original Peak Response = 2763102



Manual Peak Response = 610594 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266222.D
Acq On : 20 Oct 2025 03:20 am
Operator : AIRLAB26:RAY
Sample : L2565378-03D,3,3.65,250
Misc : WG2129876,ICAL22711
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 20 07:23:47 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	191929	10.000	ppbV	0.00
Standard Area = 199817			Recovery = 96.05%			
43) 1,4-difluorobenzene	4.317	114	652608	10.000	ppbV	0.00
Standard Area = 700064			Recovery = 93.22%			
67) chlorobenzene-D5	6.438	54	105155	10.000	ppbV	0.00
Standard Area = 104710			Recovery = 100.42%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	1.953	85	4406	0.096	ppbV	96
6) chloromethane	0.000		0	N.D.	d	
7) Freon-114	1.991		0	N.D.		
9) vinyl chloride	1.937		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.	d	
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.261	31	6697	0.879	ppbV	95
17) vinyl bromide	0.000		0	N.D.		
19) acetone	0.000		0	N.D.	d	
21) trichlorofluoromethane	2.454		0	N.D.		
22) isopropyl alcohol	2.471	45	40808	1.460	ppbV	99
26) 1,1-dichloroethene	2.630		0	N.D.		
27) tertiary butyl alcohol	2.649		0	N.D.		
28) methylene chloride	2.683	49	3569	0.154	ppbV #	8
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	2.750		0	N.D.		
31) Freon 113	2.745		0	N.D.		
32) trans-1,2-dichloroethene	2.954		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	0.000		0	N.D.	d	
37) cis-1,2-dichloroethene	0.000		0	N.D.	d	
38) Ethyl Acetate	0.000		0	N.D.	d	
39) chloroform	3.489		0	N.D.		
40) Tetrahydrofuran	3.690	42	1552M3	0.128	ppbV	
42) 1,2-dichloroethane	0.000		0	N.D.	d	
44) hexane	3.474	57	767232	36.546	ppbV #	1

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266222.D
Acq On : 20 Oct 2025 03:20 am
Operator : AIRLAB26:RAY
Sample : L2565378-03D,3,3.65,250
Misc : WG2129876,ICAL22711
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 20 07:23:47 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	3.921		0	N.D.		
50) benzene	4.129	78	140509	2.766	ppbV	97
52) carbon tetrachloride	4.195		0	N.D.		
53) cyclohexane	4.261	56	163869	7.903	ppbV	93
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D. d		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	4.685	57	4392729	66.170	ppbV	97
62) heptane	4.826	43	256242	13.045	ppbV	98
63) cis-1,3-dichloropropene	5.118		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D. d		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D. d		
68) toluene	5.565	91	353229	5.079	ppbV	100
72) 2-hexanone	0.000		0	N.D. d		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	5.876		0	N.D.		
78) tetrachloroethene	6.131	166	2338	0.065	ppbV	97
80) chlorobenzene	0.000		0	N.D. d		
81) ethylbenzene	6.667	91	22253	0.251	ppbV	94
83) m+p-xylene	6.754	91	381691	5.365	ppbV	95
84) bromoform	0.000		0	N.D.		
85) styrene	6.934		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D. d		
87) o-xylene	6.986	91	156550	2.194	ppbV	99
96) 4-ethyl toluene	7.635	105	17503M6	0.181	ppbV	
97) 1,3,5-trimethylbenzene	7.683	105	38702	0.482	ppbV	99
99) 1,2,4-trimethylbenzene	7.898	105	16311	0.192	ppbV #	51
101) Benzyl Chloride	0.000		0	N.D. d		
102) 1,3-dichlorobenzene	0.000		0	N.D.		
103) 1,4-dichlorobenzene	0.000		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
116) naphthalene	9.247		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266222.D
Acq On : 20 Oct 2025 03:20 am
Operator : AIRLAB26:RAY
Sample : L2565378-03D,3,3.65,250
Misc : WG2129876,ICAL22711
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 20 07:23:47 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

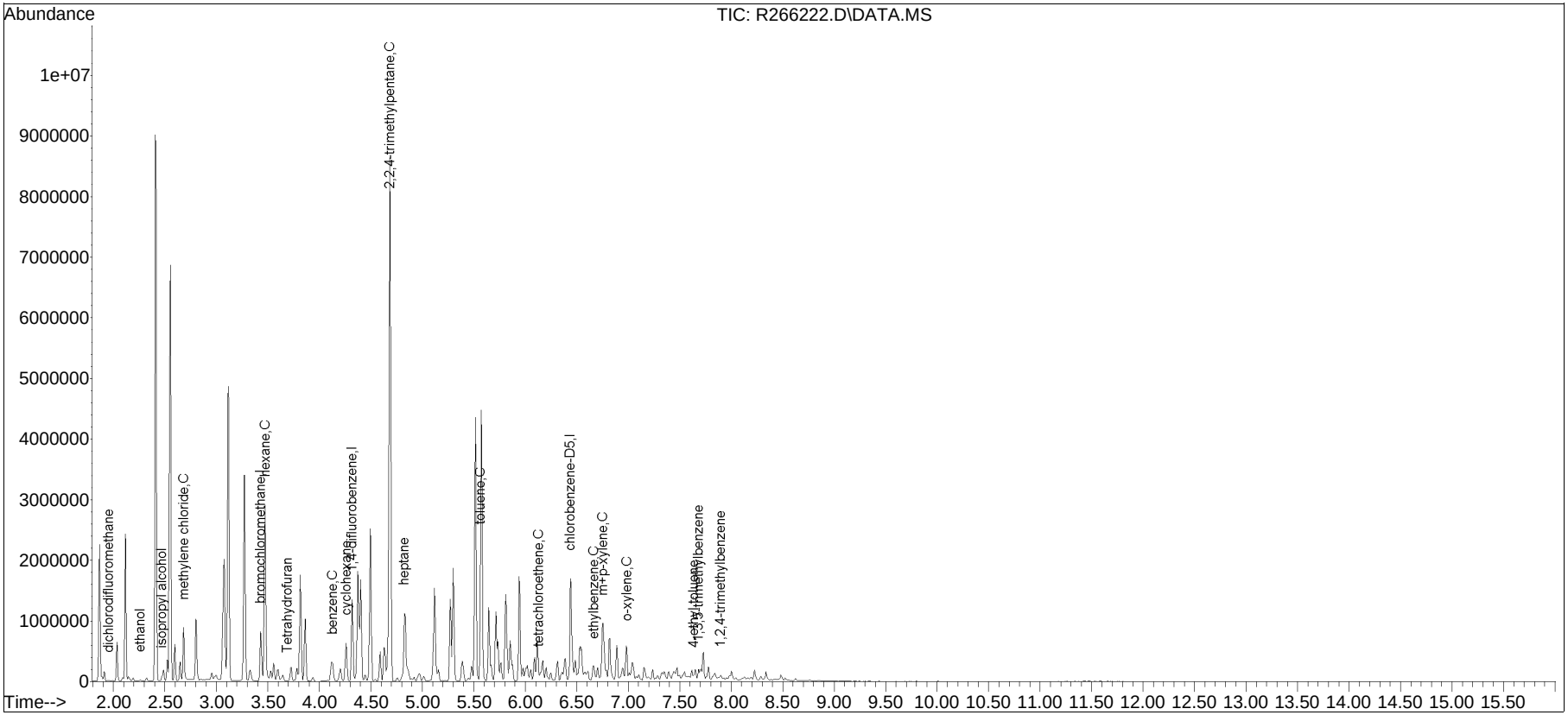
CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : TO15-NY+Naphthalene - .

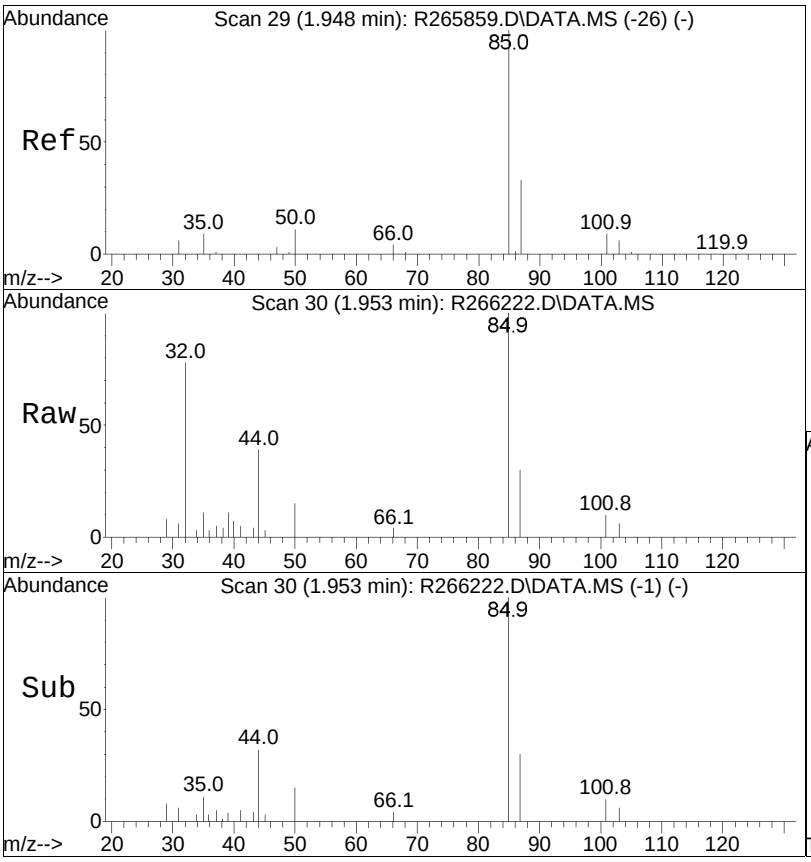
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\10\1019T\R266202.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266222.D
Acq On : 20 Oct 2025 03:20 am
Operator : AIRLAB26:RAY
Sample : L2565378-03D,3,3.65,250
Misc : WG2129876,ICAL22711
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 20 07:23:47 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

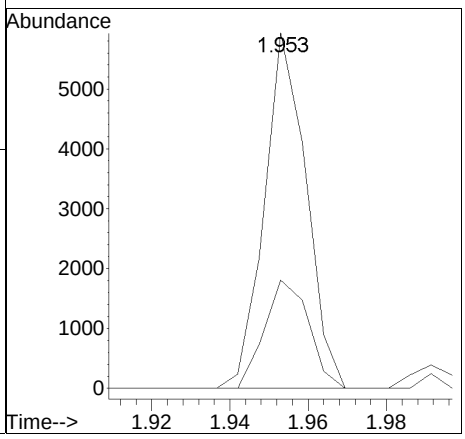


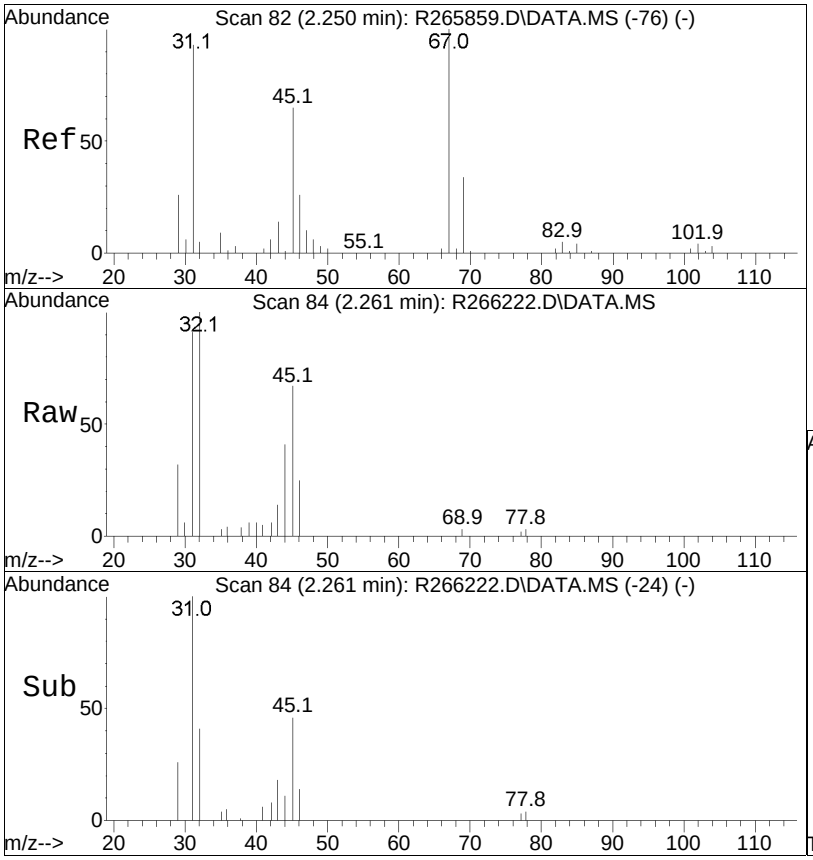


#5
dichlorodifluoromethane
Concen: 0.10 ppbV
RT: 1.953 min Scan# 30
Delta R.T. 0.005 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion: 85 Resp: 4406

Ion	Ratio	Lower	Upper
85	100		
87	30.5	26.4	39.6

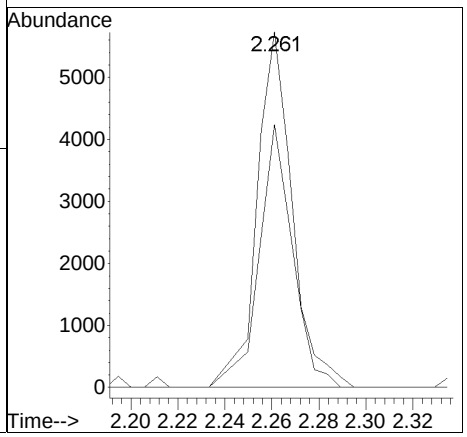


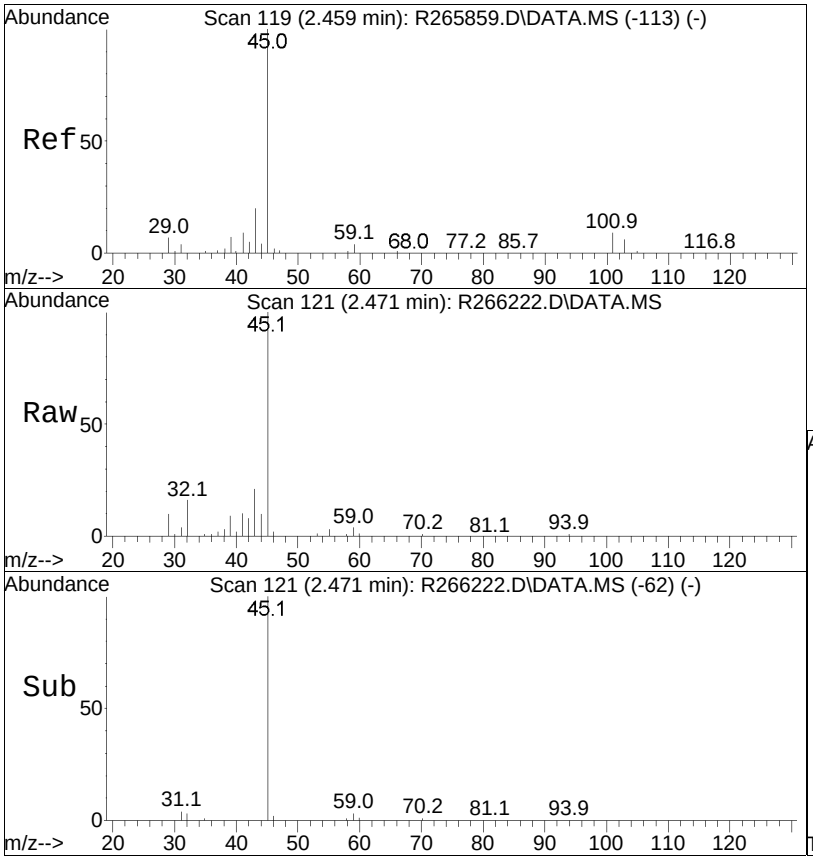


#15
ethanol
Concen: 0.88 ppbV
RT: 2.261 min Scan# 84
Delta R.T. 0.011 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion: 31 Resp: 6697

Ion	Ratio	Lower	Upper
31	100		
45	74.0	55.6	83.4

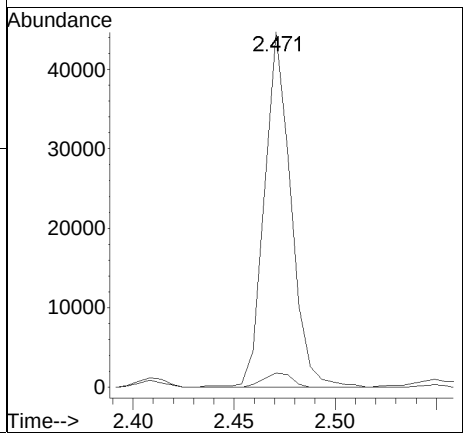


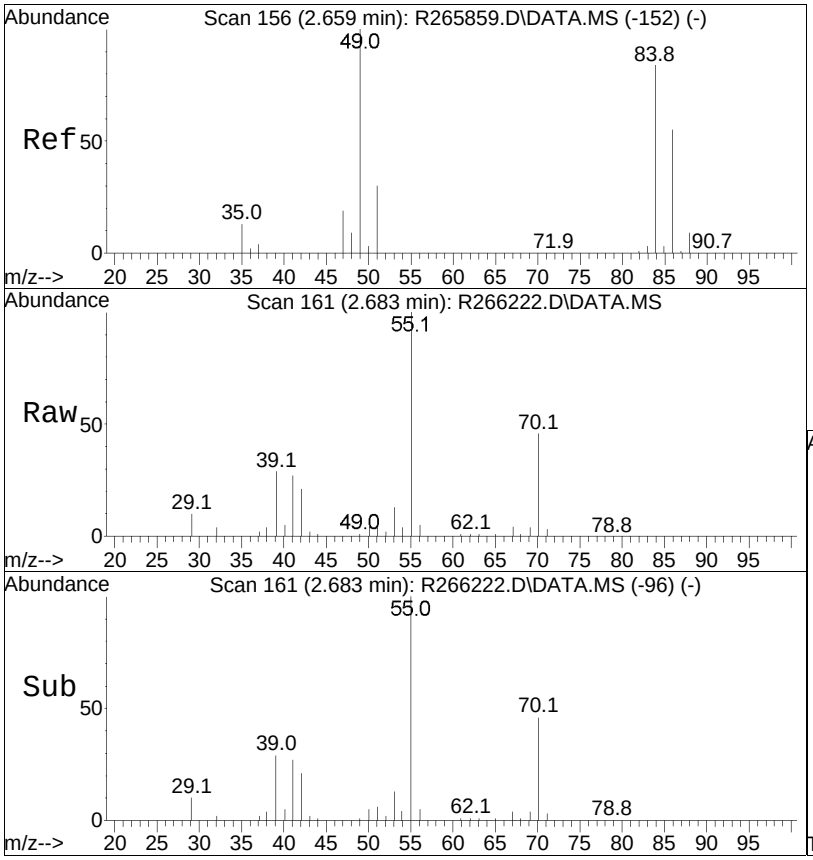


#22
isopropyl alcohol
Concen: 1.46 ppbV
RT: 2.471 min Scan# 121
Delta R.T. 0.011 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion: 45 Resp: 40808

Ion	Ratio	Lower	Upper
45	100		
59	4.0	3.4	5.2

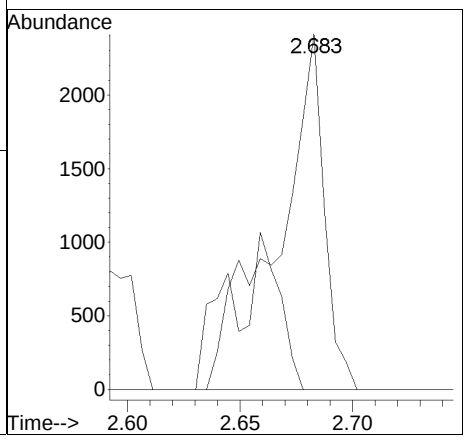


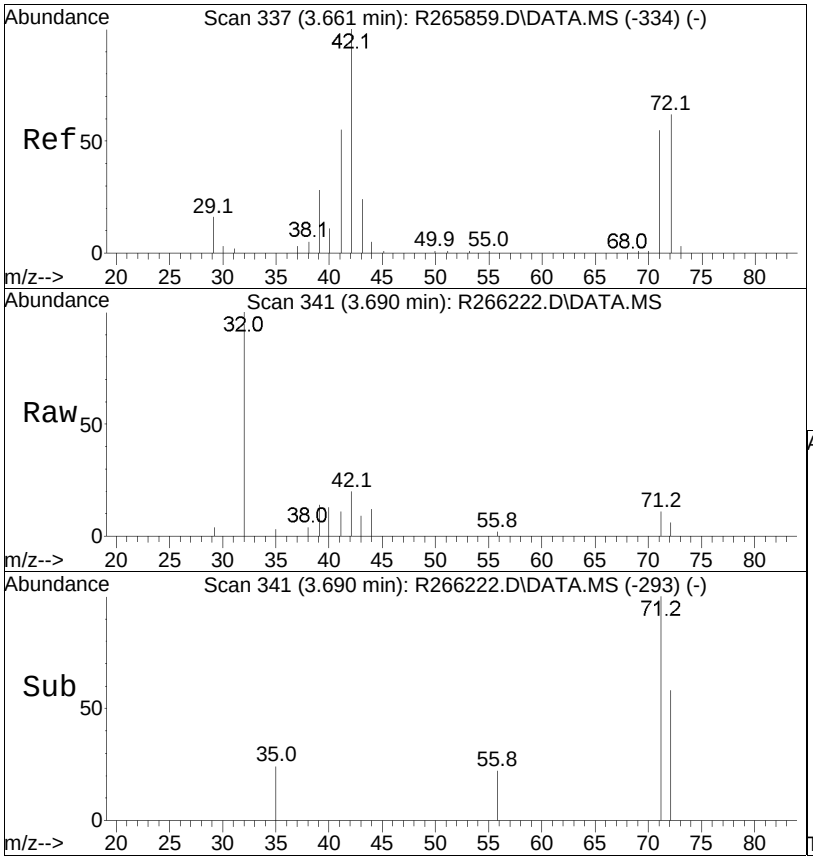


#28
methylene chloride
Concen: 0.15 ppbV
RT: 2.683 min Scan# 161
Delta R.T. 0.024 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion: 49 Resp: 3569

Ion	Ratio	Lower	Upper
49	100		
84	0.0	66.6	99.8#

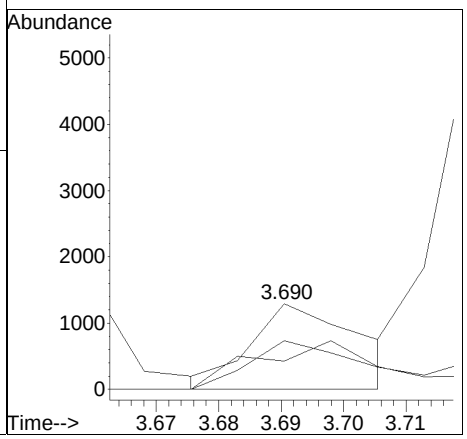


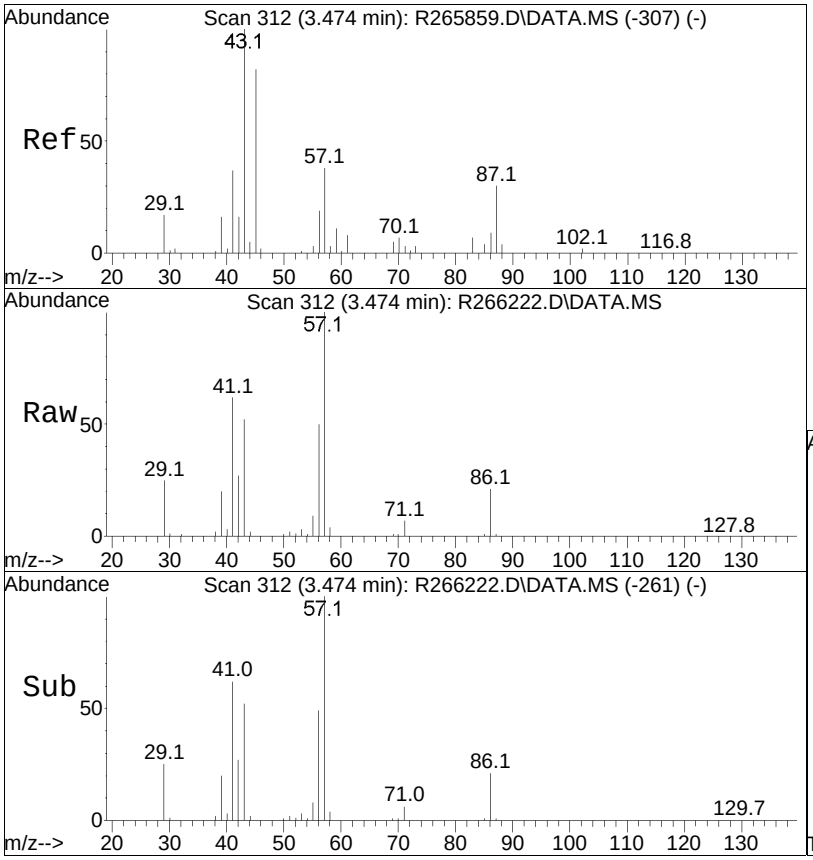


#40
Tetrahydrofuran
Concen: 0.13 ppbV m
RT: 3.690 min Scan# 341
Delta R.T. 0.030 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion: 42 Resp: 1552

Ion	Ratio	Lower	Upper
42	100		
71	56.8	44.3	66.5
72	33.1	49.4	74.2#

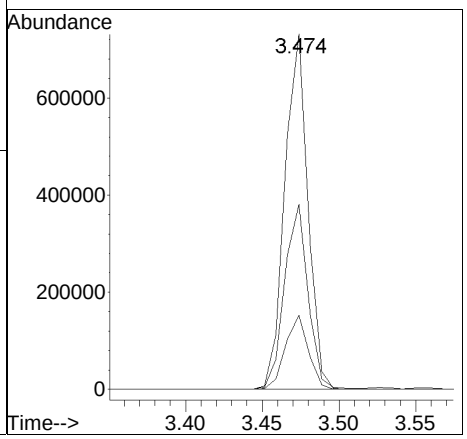


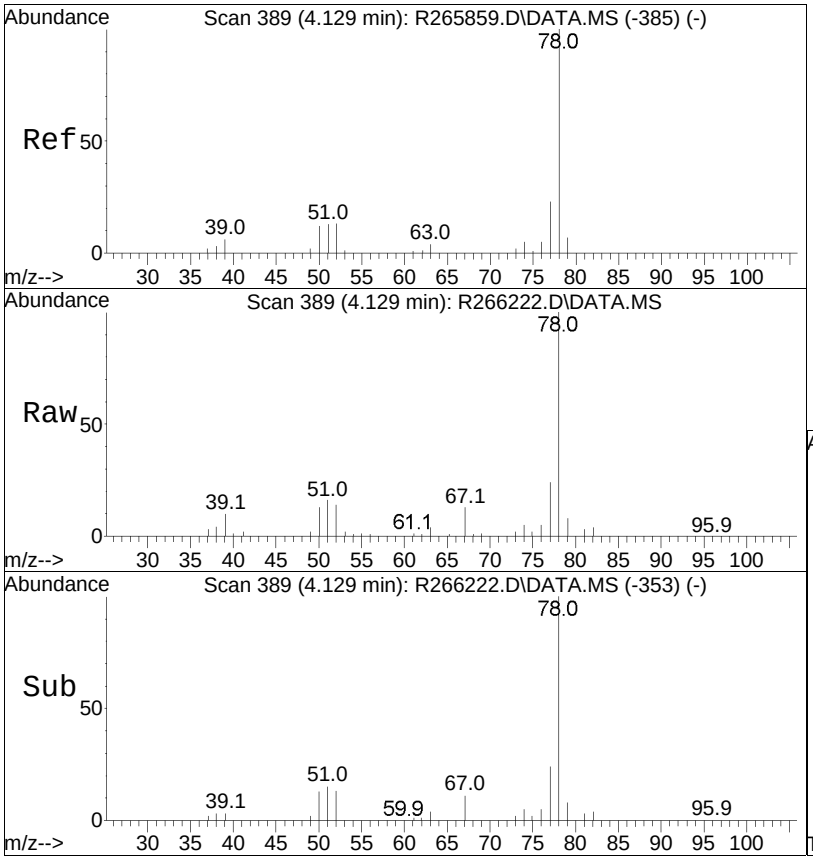


#44
hexane
Concen: 36.55 ppbV
RT: 3.474 min Scan# 312
Delta R.T. -0.000 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion: 57 Resp: 767232

Ion	Ratio	Lower	Upper
57	100		
43	52.1	209.9	314.9#
86	20.8	18.6	27.8

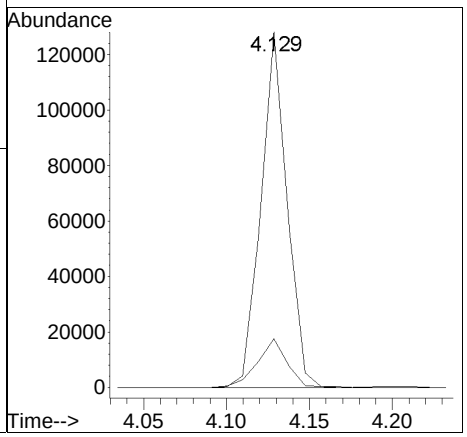


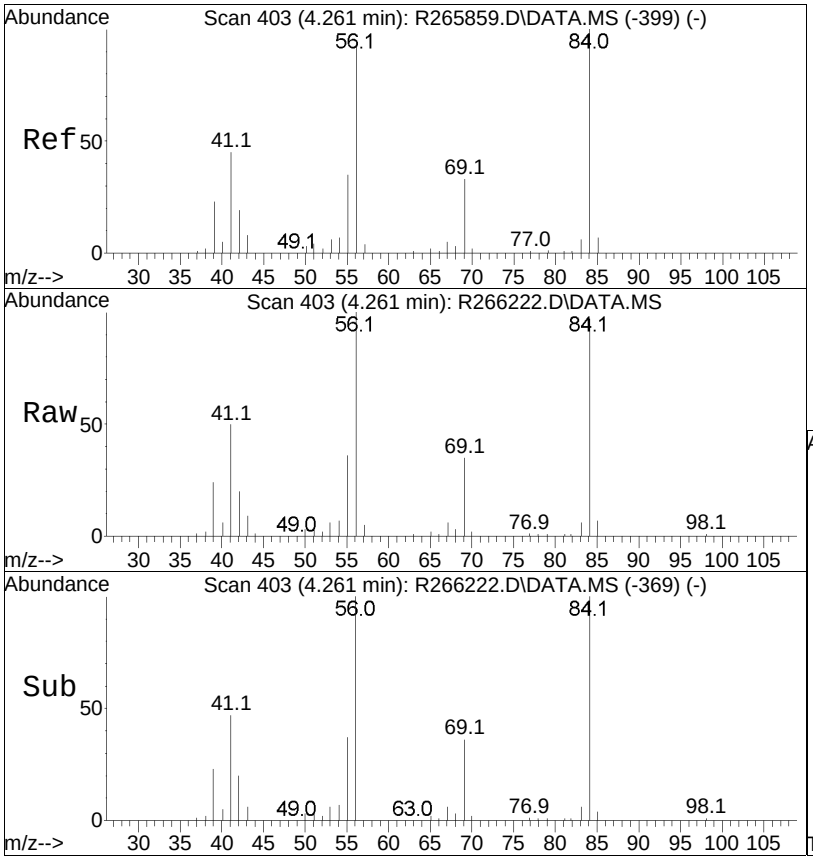


#50
benzene
Concen: 2.77 ppbV
RT: 4.129 min Scan# 389
Delta R.T. -0.000 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion: 78 Resp: 140509

Ion	Ratio	Lower	Upper
78	100		
52	13.7	10.1	15.1

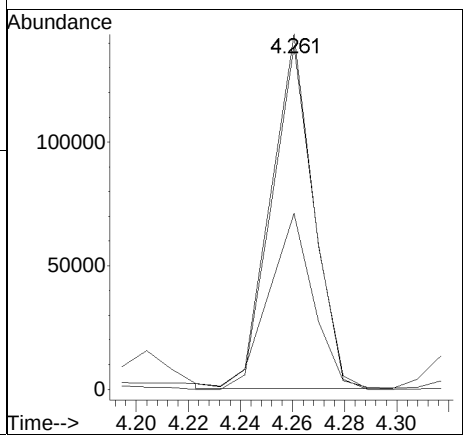


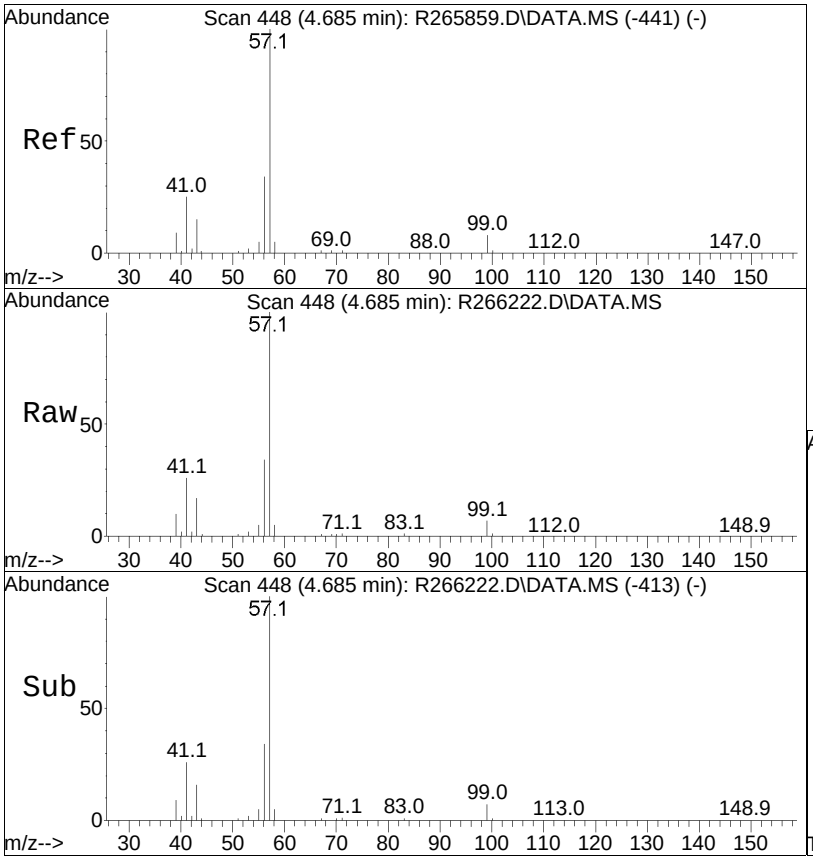


#53
cyclohexane
Concen: 7.90 ppbV
RT: 4.261 min Scan# 403
Delta R.T. -0.000 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion: 56 Resp: 163869

Ion	Ratio	Lower	Upper
56	100		
84	96.7	84.6	126.8
41	49.5	37.9	56.9

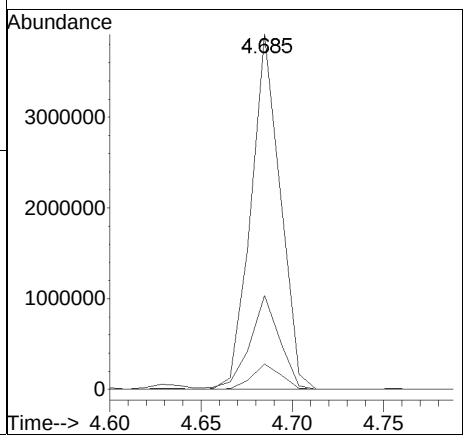


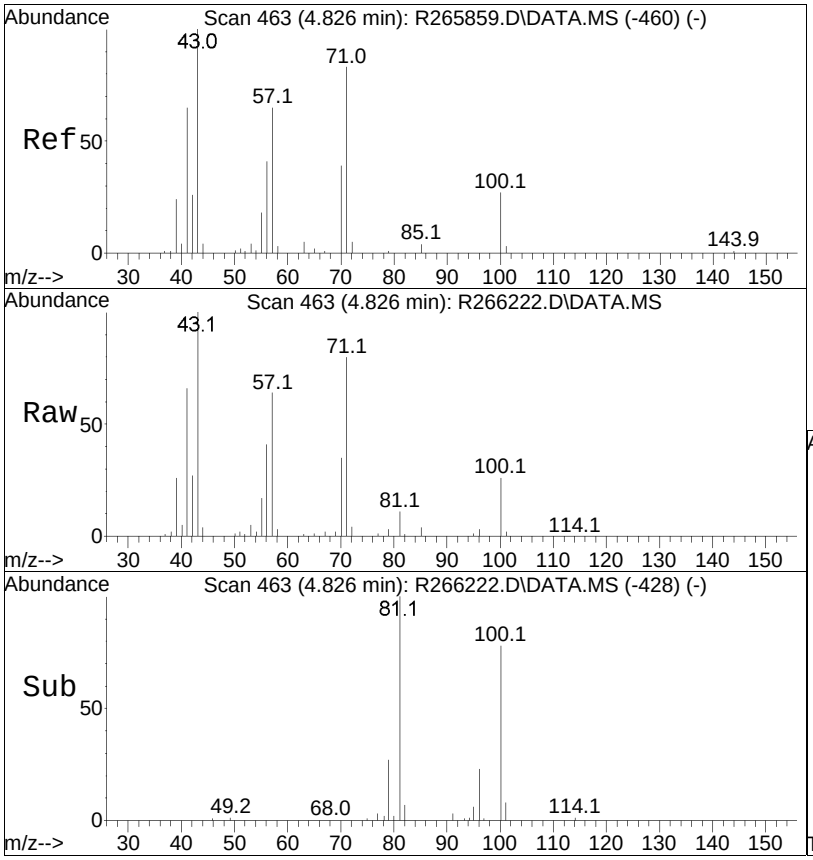


#60
2,2,4-trimethylpentane
Concen: 66.17 ppbV
RT: 4.685 min Scan# 448
Delta R.T. -0.000 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion: 57 Resp: 4392729

Ion	Ratio	Lower	Upper
57	100		
99	7.2	6.2	9.2
41	26.4	19.8	29.8

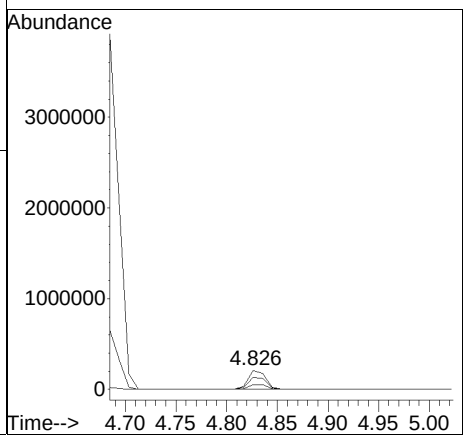


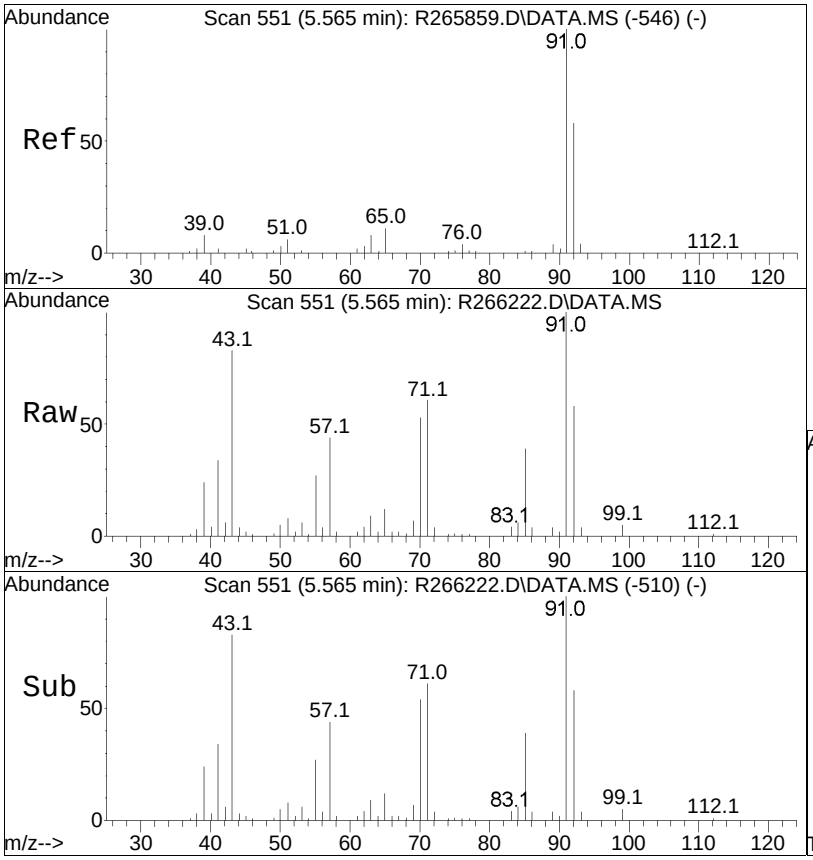


#62
heptane
Concen: 13.05 ppbV
RT: 4.826 min Scan# 463
Delta R.T. -0.000 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion: 43 Resp: 256242

Ion	Ratio	Lower	Upper
43	100		
57	64.3	52.1	78.1
100	25.8	22.3	33.5

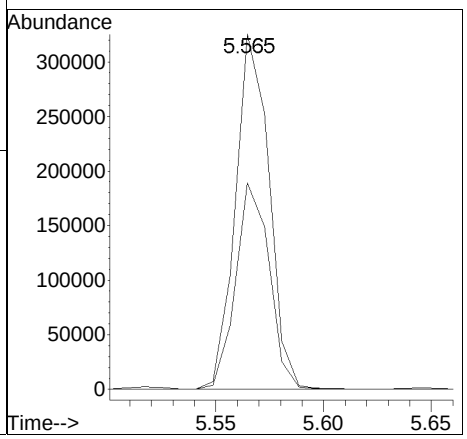


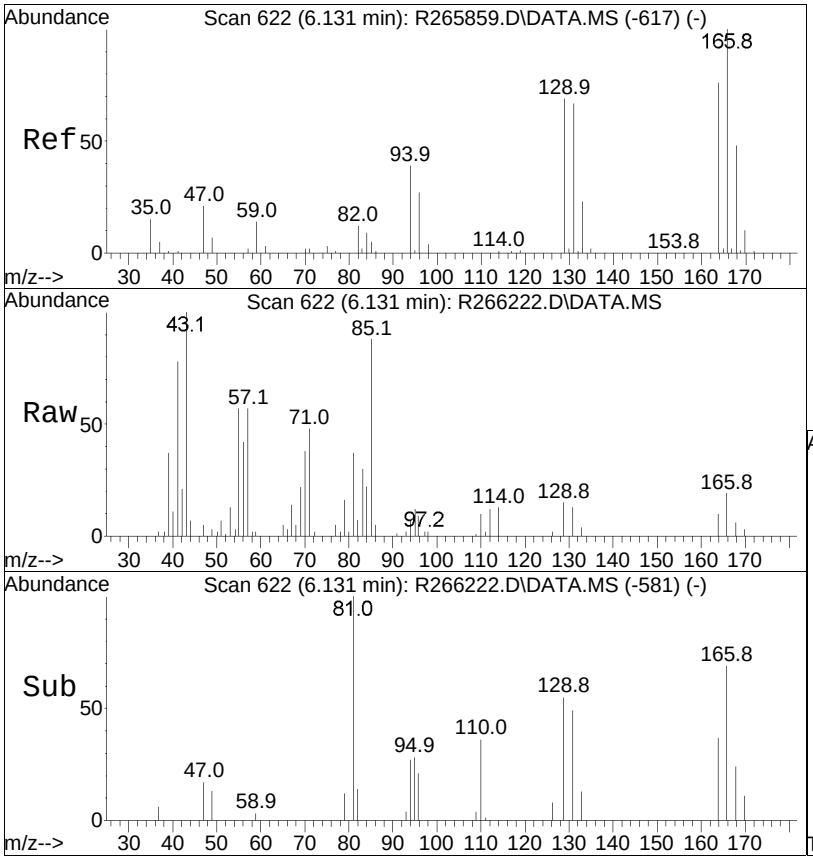


#68
toluene
Concen: 5.08 ppbV
RT: 5.565 min Scan# 551
Delta R.T. -0.000 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion: 91 Resp: 353229

Ion	Ratio	Lower	Upper
91	100		
92	58.1	46.4	69.6

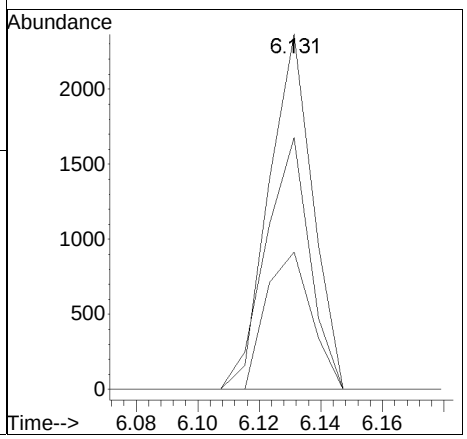


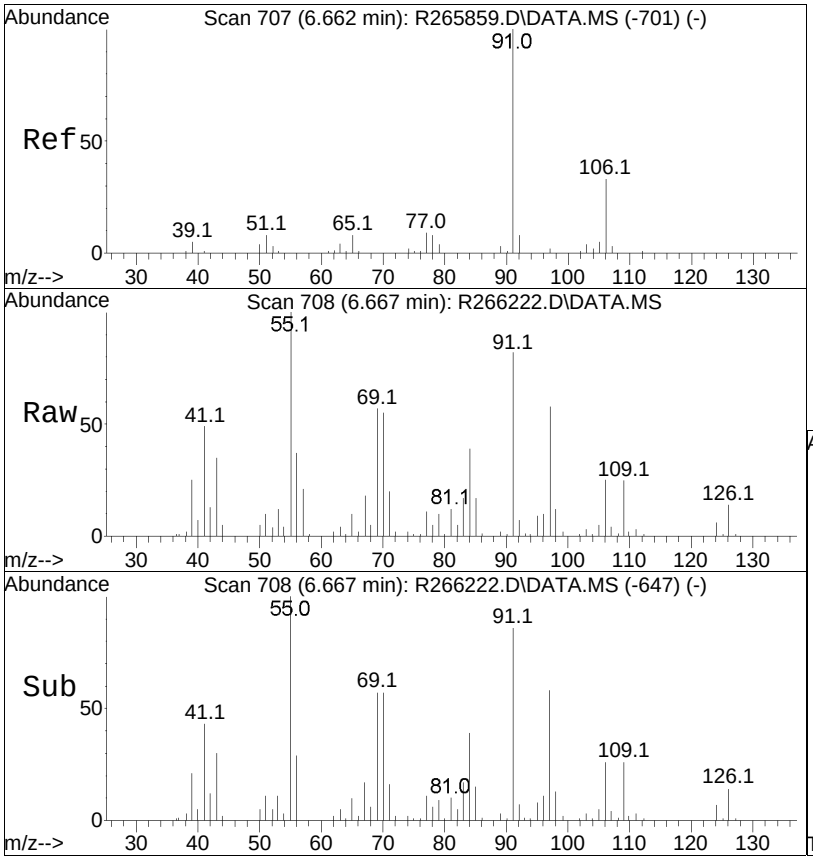


#78
tetrachloroethene
Concen: 0.06 ppbV
RT: 6.131 min Scan# 622
Delta R.T. -0.000 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion:166 Resp: 2338

Ion	Ratio	Lower	Upper
166	100		
131	70.8	53.8	80.6
94	38.7	31.2	46.8

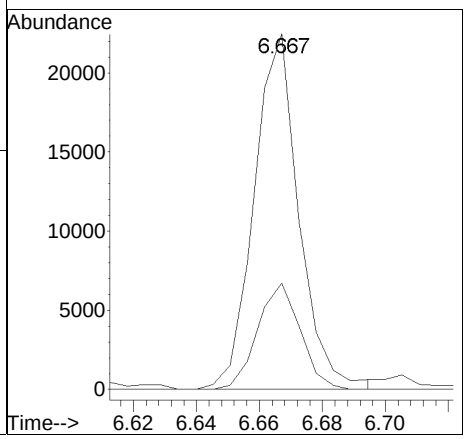


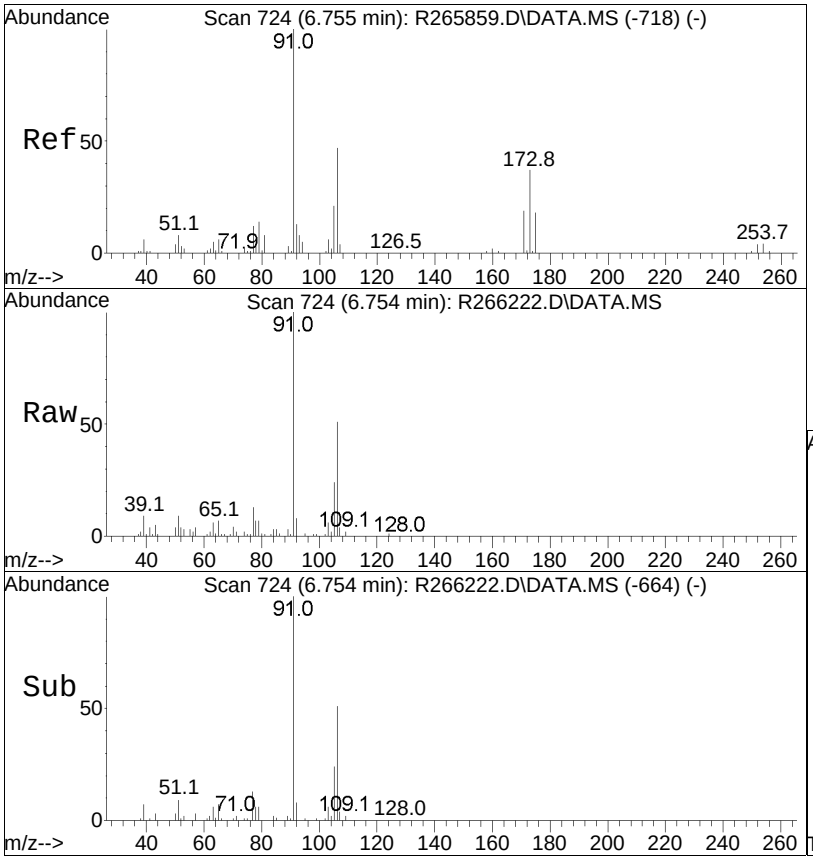


#81
ethylbenzene
Concen: 0.25 ppbV
RT: 6.667 min Scan# 708
Delta R.T. 0.005 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion: 91 Resp: 22253

Ion	Ratio	Lower	Upper
91	100		
106	29.9	26.6	39.8

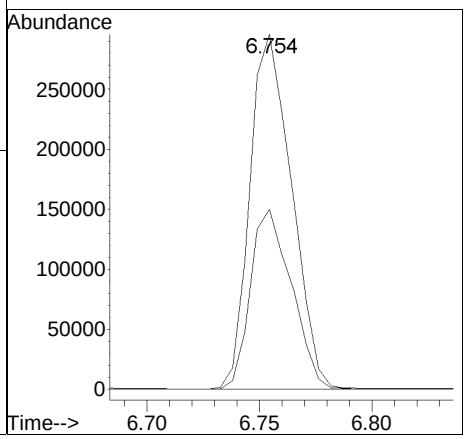


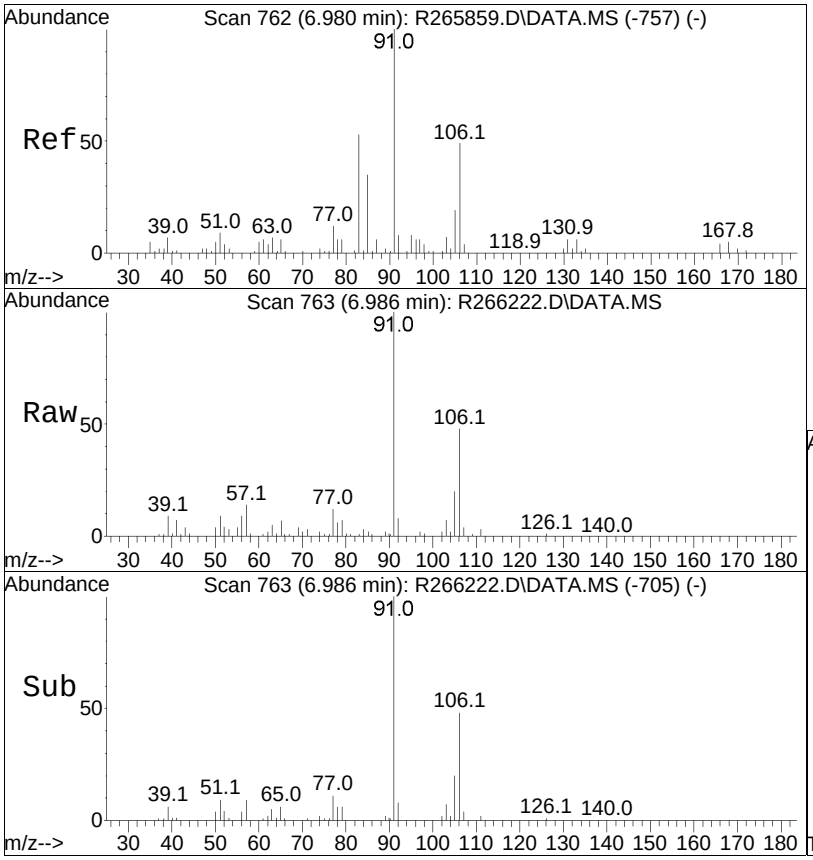


#83
m+p-xylene
Concen: 5.37 ppbV
RT: 6.754 min Scan# 724
Delta R.T. -0.000 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion: 91 Resp: 381691

Ion	Ratio	Lower	Upper
91	100		
106	50.7	38.0	57.0

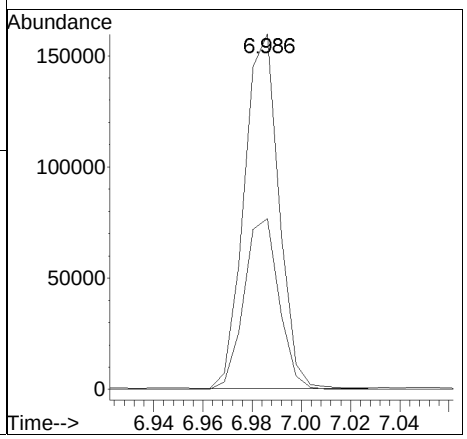


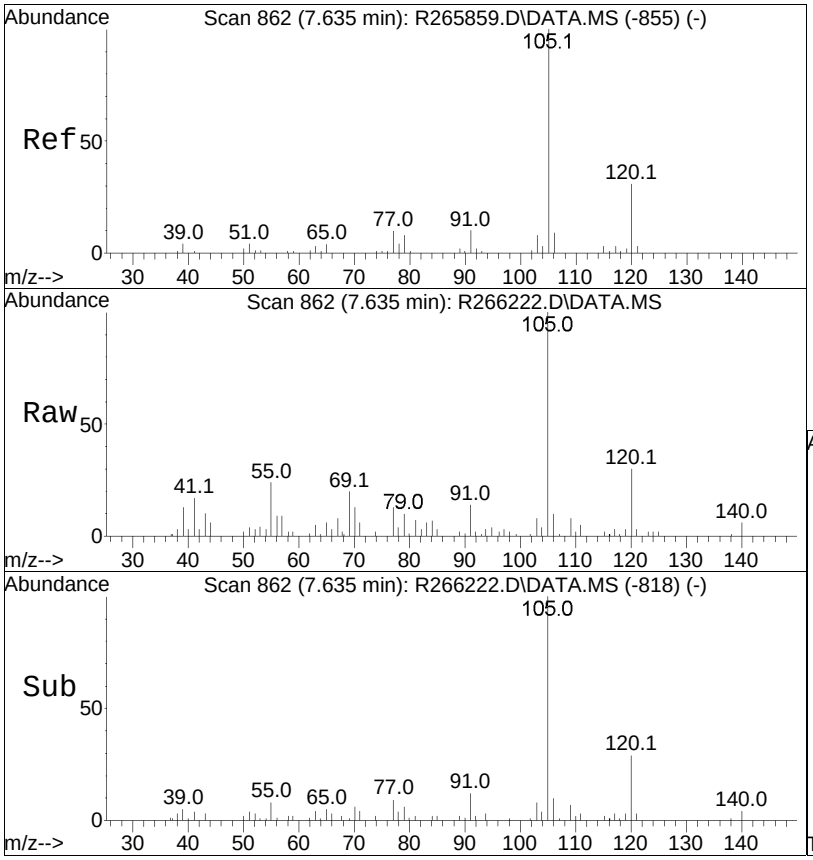


#87
o-xylene
Concen: 2.19 ppbV
RT: 6.986 min Scan# 763
Delta R.T. 0.006 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion: 91 Resp: 156550

Ion	Ratio	Lower	Upper
91	100		
106	48.1	38.9	58.3

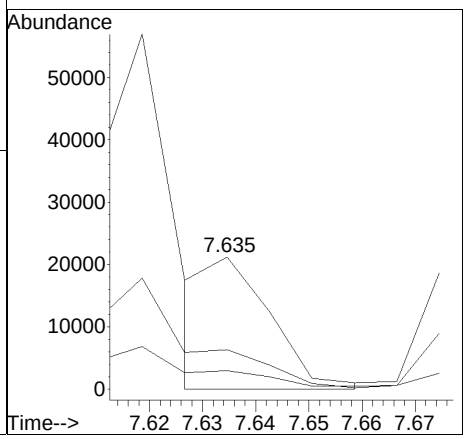


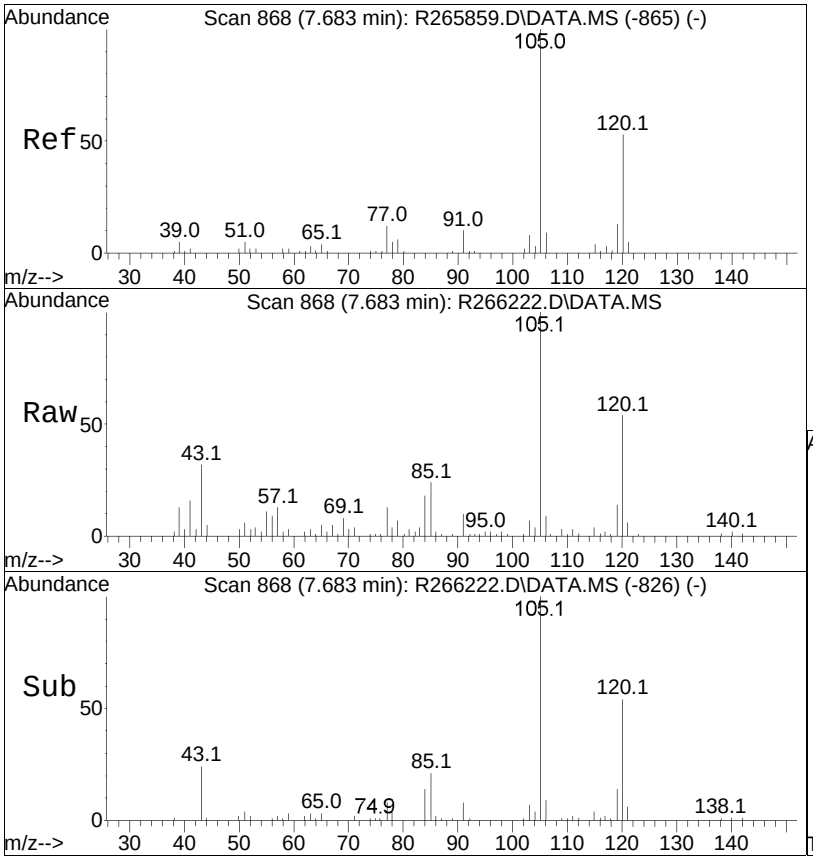


#96
4-ethyl toluene
Concen: 0.18 ppbV m
RT: 7.635 min Scan# 862
Delta R.T. -0.000 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion:105 Resp: 17503

Ion	Ratio	Lower	Upper
105	100		
120	30.0	24.9	37.3
91	14.2	8.5	12.7#

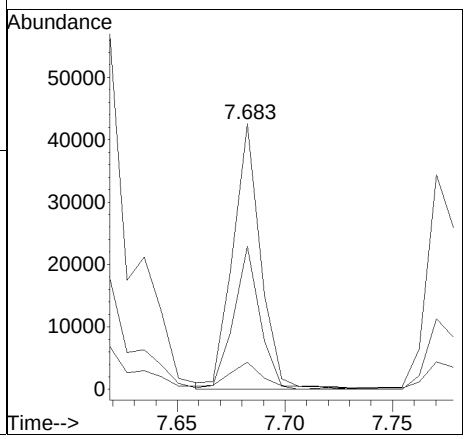


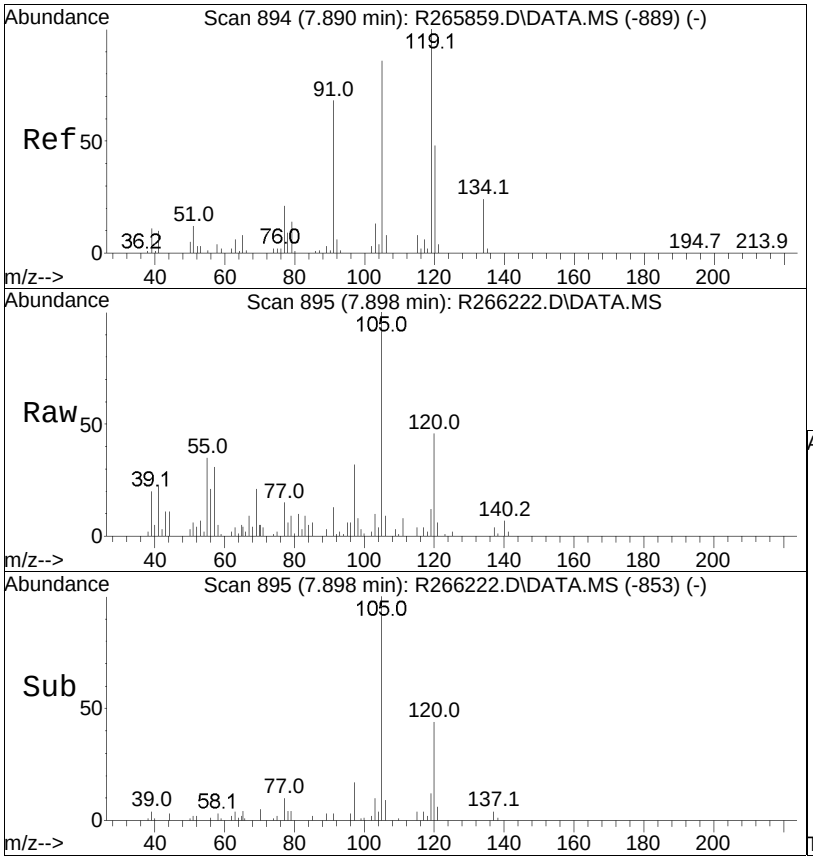


#97
1,3,5-trimethylbenzene
Concen: 0.48 ppbV
RT: 7.683 min Scan# 868
Delta R.T. -0.000 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion:105 Resp: 38702

Ion	Ratio	Lower	Upper
105	100		
120	53.9	42.6	63.8
91	10.3	7.9	11.9

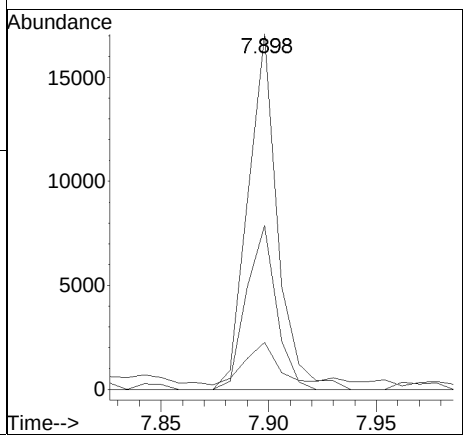




#99
1,2,4-trimethylbenzene
Concen: 0.19 ppbV
RT: 7.898 min Scan# 895
Delta R.T. 0.008 min
Lab File: R266222.D
Acq: 20 Oct 2025 03:20 am

Tgt Ion:105 Resp: 16311

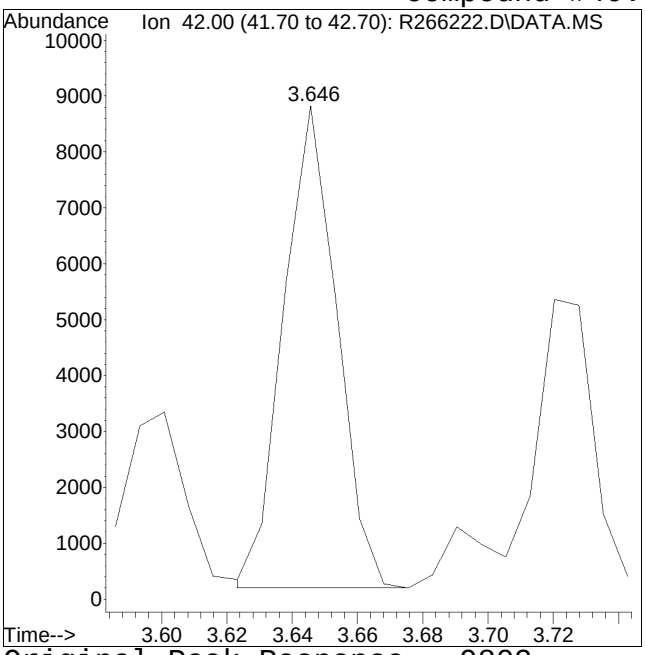
Ion	Ratio	Lower	Upper
105	100		
120	46.1	44.2	66.4
91	13.2	62.9	94.3#



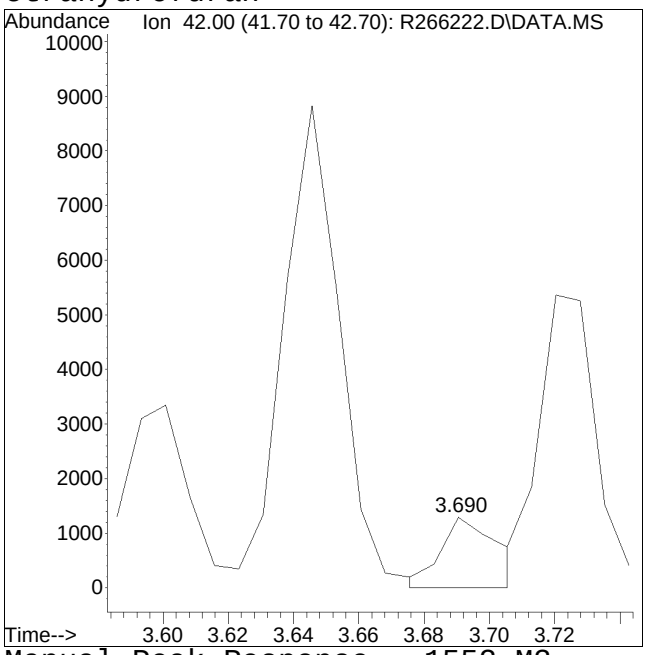
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R266222.D Operator : AIRLAB26:RAY
Date Inj'd : 10/20/2025 3:20 am Instrument : Airlab26
Sample : L2565378-03D,3,3.65,250 Quant Date : 10/20/2025 7:23 am

Compound #40: Tetrahydrofuran



Original Peak Response = 9802



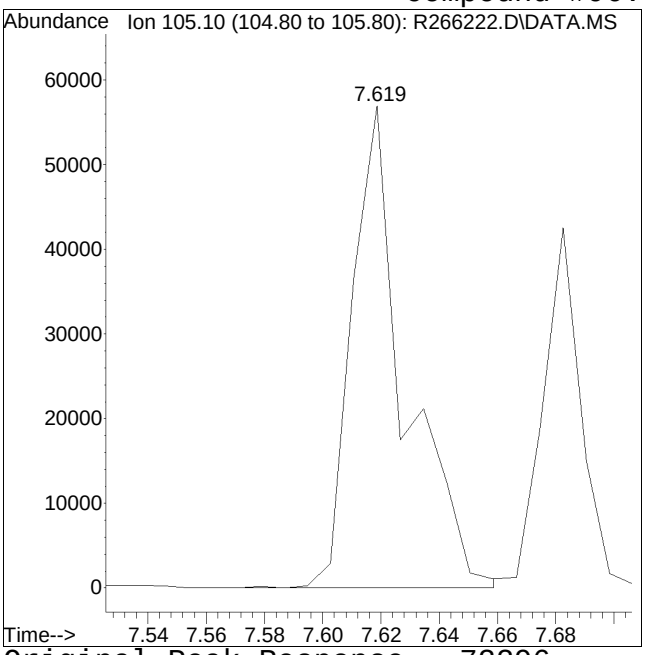
Manual Peak Response = 1552 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

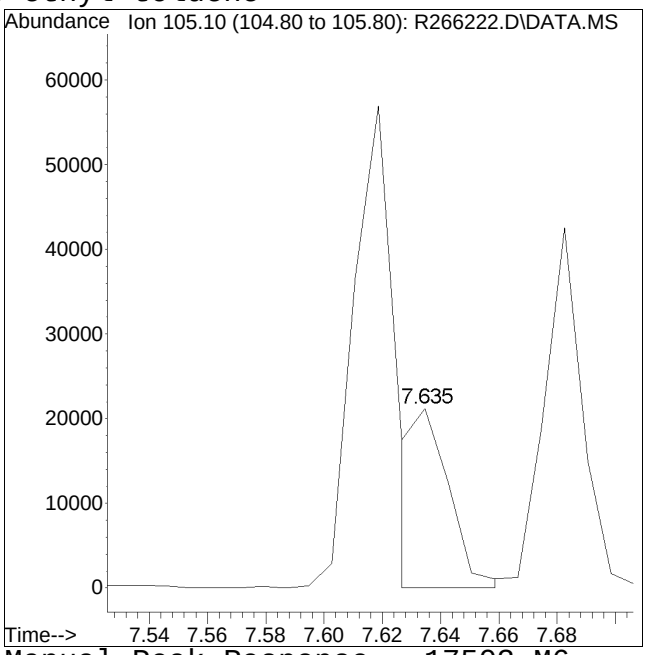
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R266222.D Operator : AIRLAB26:RAY
Date Inj'd : 10/20/2025 3:20 am Instrument : Airlab26
Sample : L2565378-03D,3,3.65,250 Quant Date : 10/20/2025 7:23 am

Compound #96: 4-ethyl toluene



Original Peak Response = 72296



Manual Peak Response = 17503 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266223.D
Acq On : 20 Oct 2025 03:53 am
Operator : AIRLAB26:RAY
Sample : L2565378-04D,3,70,250
Misc : WG2129876,ICAL22711
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 20 07:23:57 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	188536	10.000	ppbV	0.00
Standard Area = 199817			Recovery = 94.35%			
43) 1,4-difluorobenzene	4.317	114	641536	10.000	ppbV	0.00
Standard Area = 700064			Recovery = 91.64%			
67) chlorobenzene-D5	6.438	54	123832	10.000	ppbV	0.00
Standard Area = 104710			Recovery = 118.26%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	1.953	85	22561	0.499	ppbV	93
6) chloromethane	1.997	50	1688M3	0.119	ppbV	
7) Freon-114	0.000		0	N.D.	d	
9) vinyl chloride	0.000		0	N.D.	d	
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.261	31	28842	3.856	ppbV	94
17) vinyl bromide	0.000		0	N.D.		
19) acetone	0.000		0	N.D.	d	
21) trichlorofluoromethane	2.454	101	3317	0.064	ppbV	86
22) isopropyl alcohol	2.465	45	236314	8.607	ppbV	99
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	2.644	59	2383	0.051	ppbV #	1
28) methylene chloride	2.664	49	5147	0.226	ppbV	99
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	2.754	76	3967	0.068	ppbV #	1
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	2.968	61	1353	0.044	ppbV #	52
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	3.202	43	9153M3	0.321	ppbV	
37) cis-1,2-dichloroethene	0.000		0	N.D.	d	
38) Ethyl Acetate	3.481	61	2127	0.391	ppbV #	1
39) chloroform	0.000		0	N.D.	d	
40) Tetrahydrofuran	3.683	42	6852M3	0.574	ppbV	
42) 1,2-dichloroethane	0.000		0	N.D.	d	
44) hexane	3.474	57	1067414	51.723	ppbV #	1

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266223.D
Acq On : 20 Oct 2025 03:53 am
Operator : AIRLAB26:RAY
Sample : L2565378-04D,3,70,250
Misc : WG2129876,ICAL22711
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 20 07:23:57 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	3.921	97	1460	0.038	ppbV #	77
50) benzene	4.128	78	614080	12.299	ppbV	96
52) carbon tetrachloride	4.204		0	N.D.		
53) cyclohexane	4.260	56	296651	14.554	ppbV	92
56) 1,2-dichloropropane	0.000		0	N.D.	d	
57) bromodichloromethane	0.000		0	N.D.	d	
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	4.647		0	N.D.		
60) 2,2,4-trimethylpentane	4.685	57	5879638	90.097	ppbV	95
62) heptane	4.835	43	741122	38.382	ppbV	99
63) cis-1,3-dichloropropene	0.000		0	N.D.	d	
64) 4-methyl-2-pentanone	0.000		0	N.D.	d	
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.	d	
68) toluene	5.572	91	3501537	42.756	ppbV	99
72) 2-hexanone	0.000		0	N.D.	d	
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	5.876		0	N.D.		
78) tetrachloroethene	6.131	166	34097	0.805	ppbV	97
80) chlorobenzene	0.000		0	N.D.	d	
81) ethylbenzene	6.667	91	420748	4.022	ppbV	97
83) m+p-xylene	6.754	91	8188412	97.742	ppbV	93
84) bromoform	0.000		0	N.D.		
85) styrene	6.934	104	14385	0.230	ppbV	97
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
87) o-xylene	6.986	91	3727689	44.368	ppbV	99
96) 4-ethyl toluene	7.634	105	498906M6	4.382	ppbV	
97) 1,3,5-trimethylbenzene	7.682	105	1208576	12.772	ppbV	98
99) 1,2,4-trimethylbenzene	7.898	105	568345	5.683	ppbV #	49
101) Benzyl Chloride	0.000		0	N.D.	d	
102) 1,3-dichlorobenzene	0.000		0	N.D.	d	
103) 1,4-dichlorobenzene	7.994		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	9.230		0	N.D.		
116) naphthalene	9.241		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266223.D
Acq On : 20 Oct 2025 03:53 am
Operator : AIRLAB26:RAY
Sample : L2565378-04D,3,70,250
Misc : WG2129876,ICAL22711
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 20 07:23:57 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

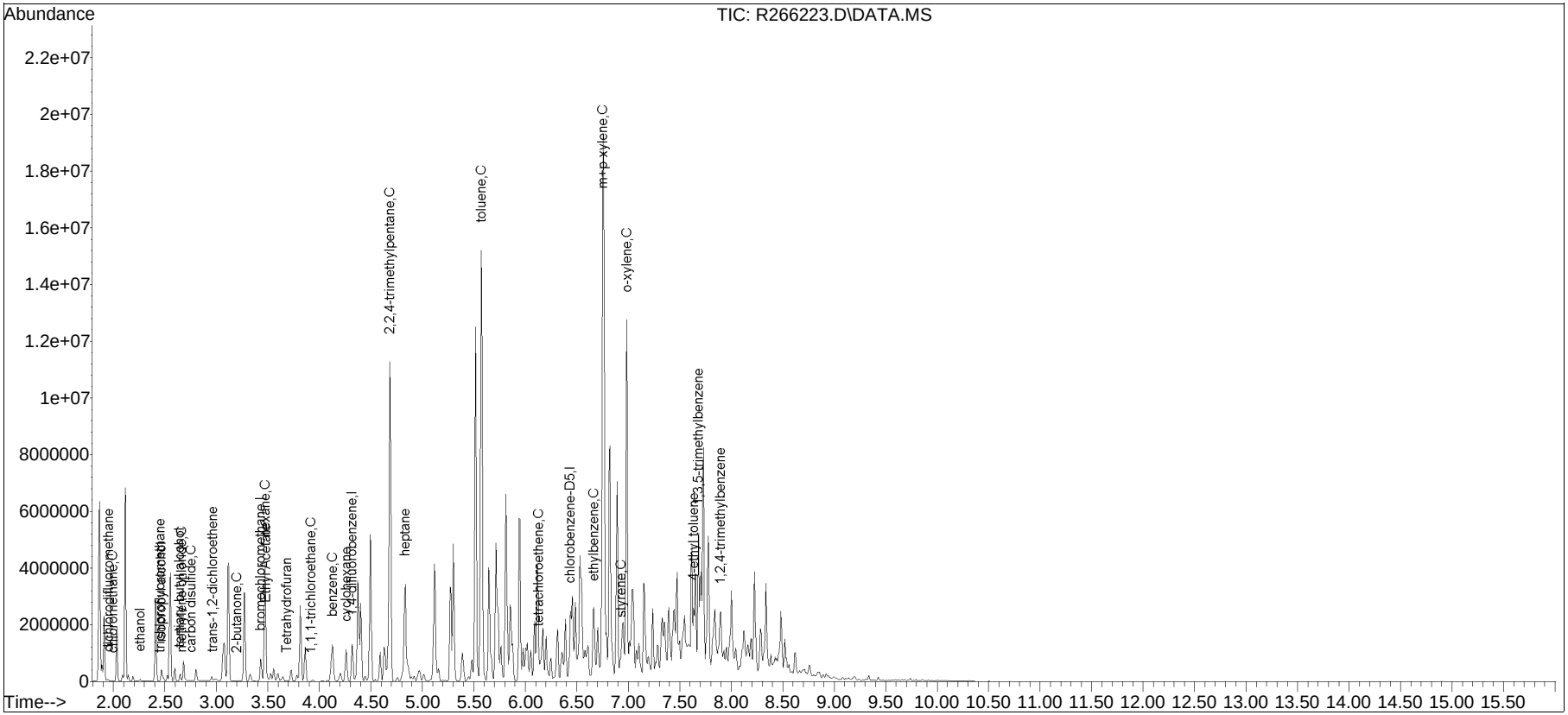
CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : TO15-NY+Naphthalene - .

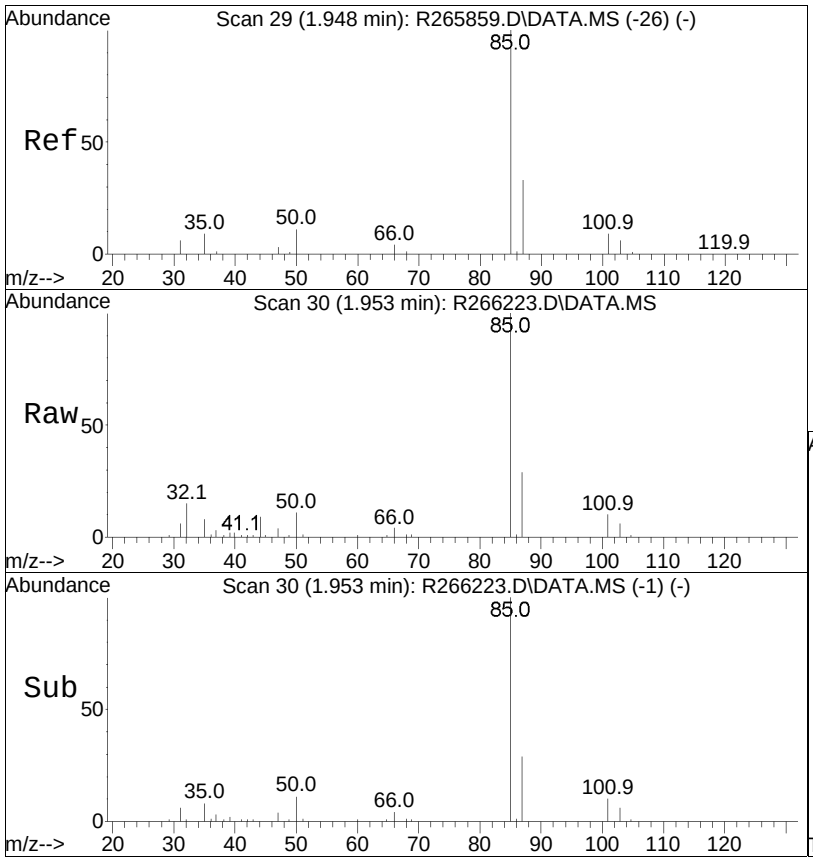
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\10\1019T\R266202.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266223.D
Acq On : 20 Oct 2025 03:53 am
Operator : AIRLAB26:RAY
Sample : L2565378-04D,3,70,250
Misc : WG2129876,ICAL22711
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 20 07:23:57 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

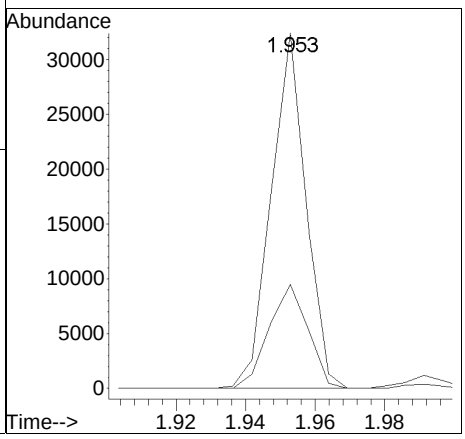


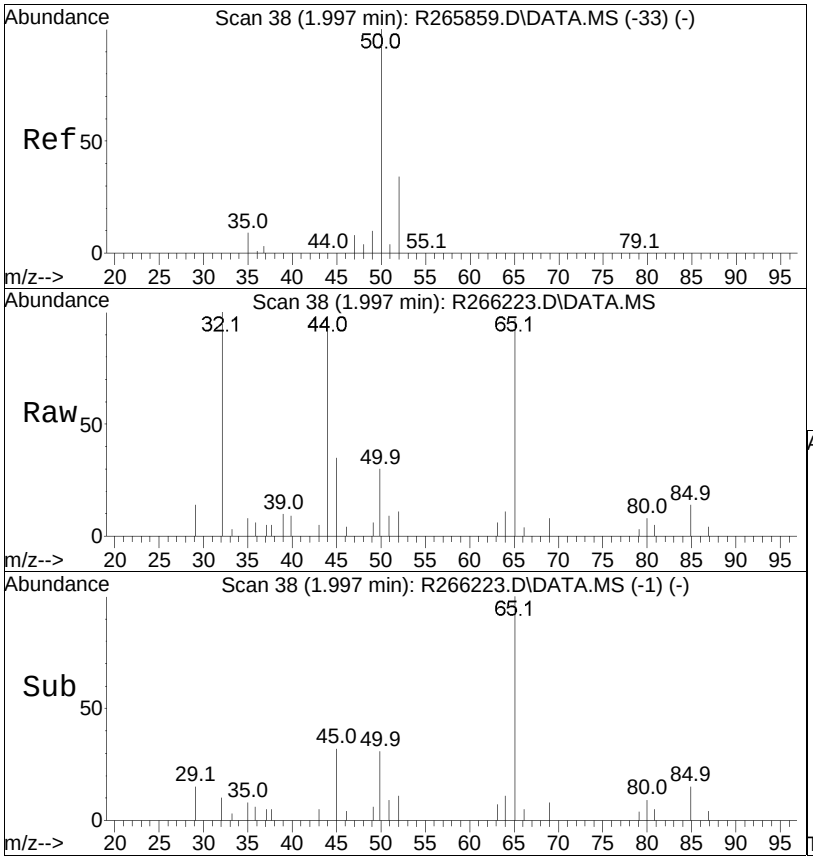


#5
dichlorodifluoromethane
Concen: 0.50 ppbV
RT: 1.953 min Scan# 30
Delta R.T. 0.005 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 85 Resp: 22561

Ion	Ratio	Lower	Upper
85	100		
87	29.3	26.4	39.6

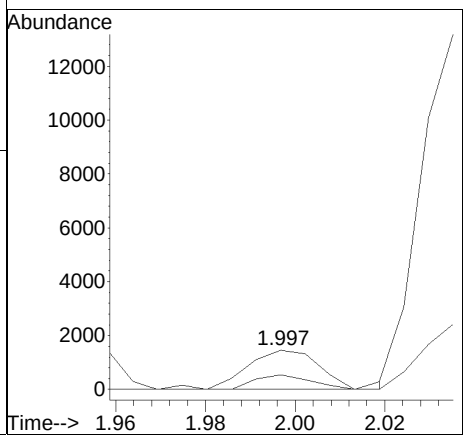


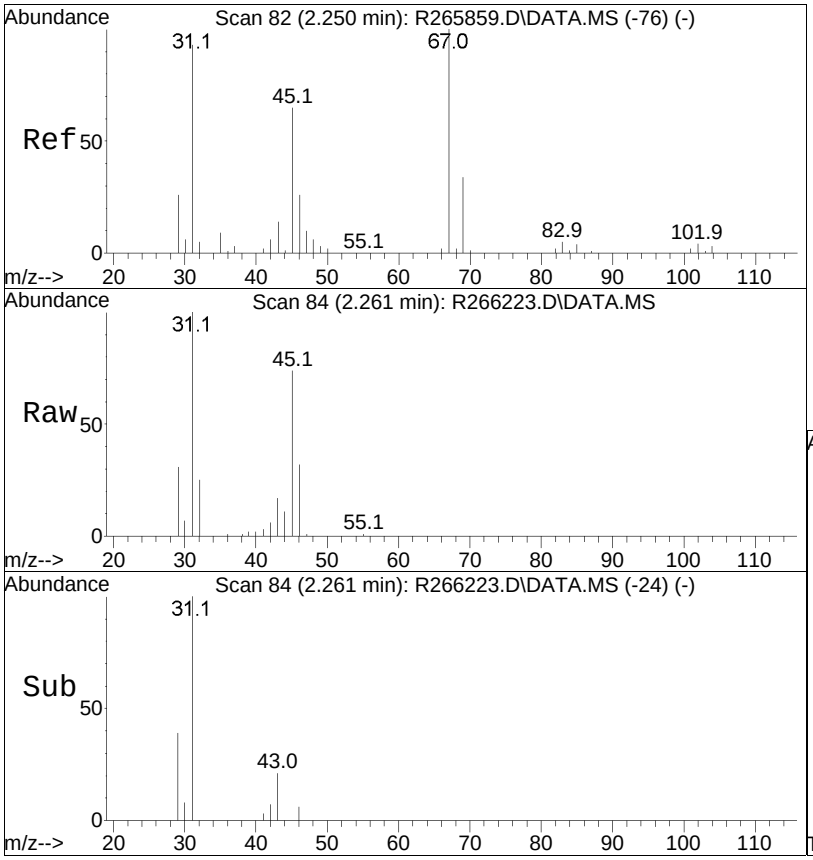


#6
chloromethane
Concen: 0.12 ppbV m
RT: 1.997 min Scan# 38
Delta R.T. -0.000 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 50 Resp: 1688

Ion	Ratio	Lower	Upper
50	100		
52	37.3	27.3	40.9

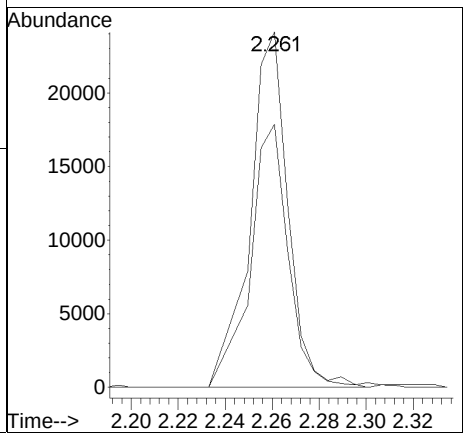


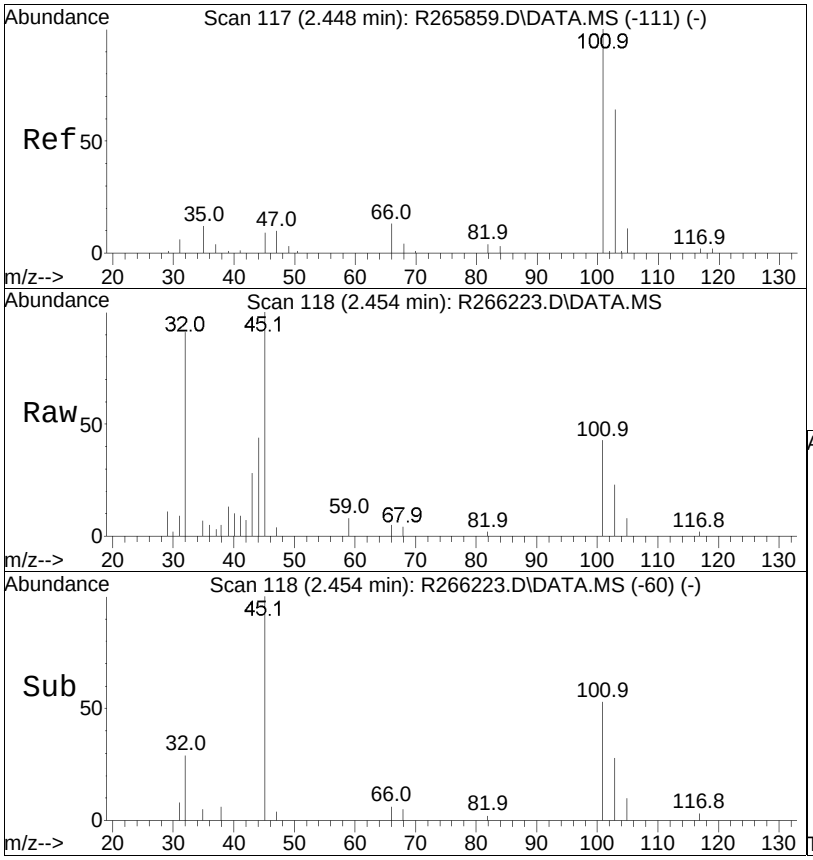


#15
ethanol
Concen: 3.86 ppbV
RT: 2.261 min Scan# 84
Delta R.T. 0.011 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 31 Resp: 28842

Ion	Ratio	Lower	Upper
31	100		
45	74.0	55.6	83.4

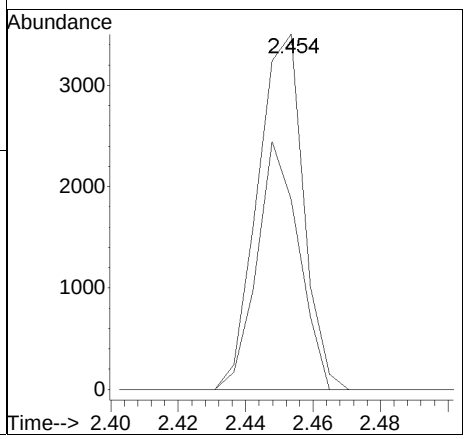


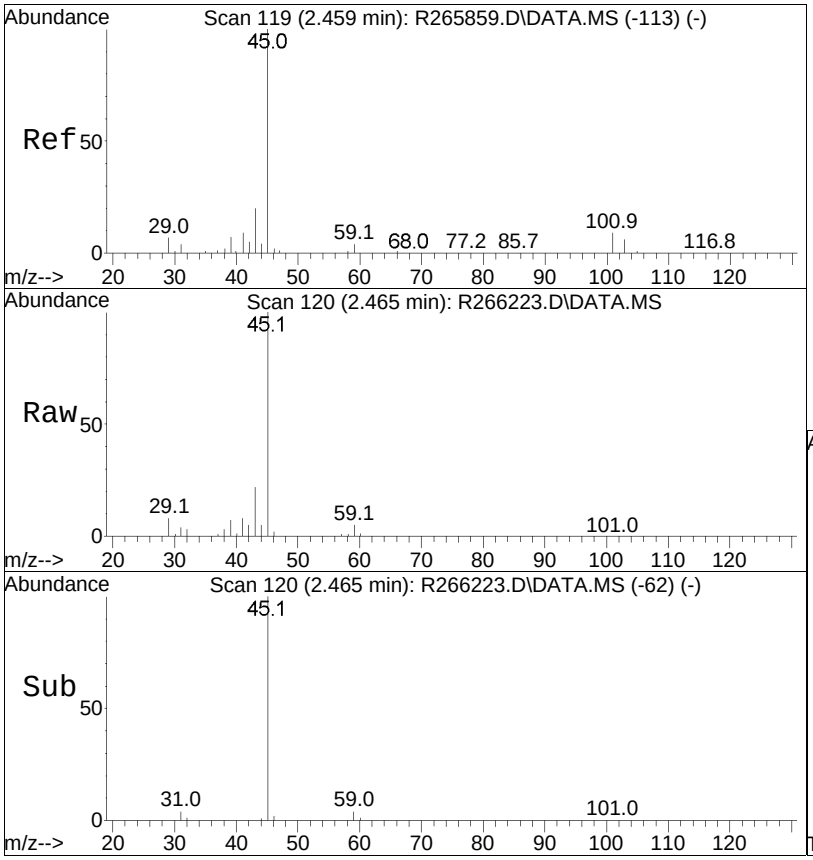


#21
trichlorofluoromethane
Concen: 0.06 ppbV
RT: 2.454 min Scan# 118
Delta R.T. 0.005 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion:101 Resp: 3317

Ion	Ratio	Lower	Upper
101	100		
103	53.3	51.6	77.4

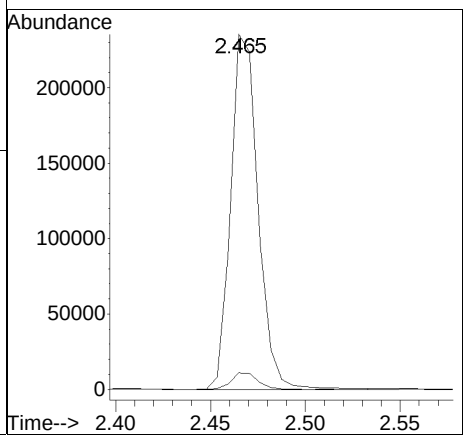


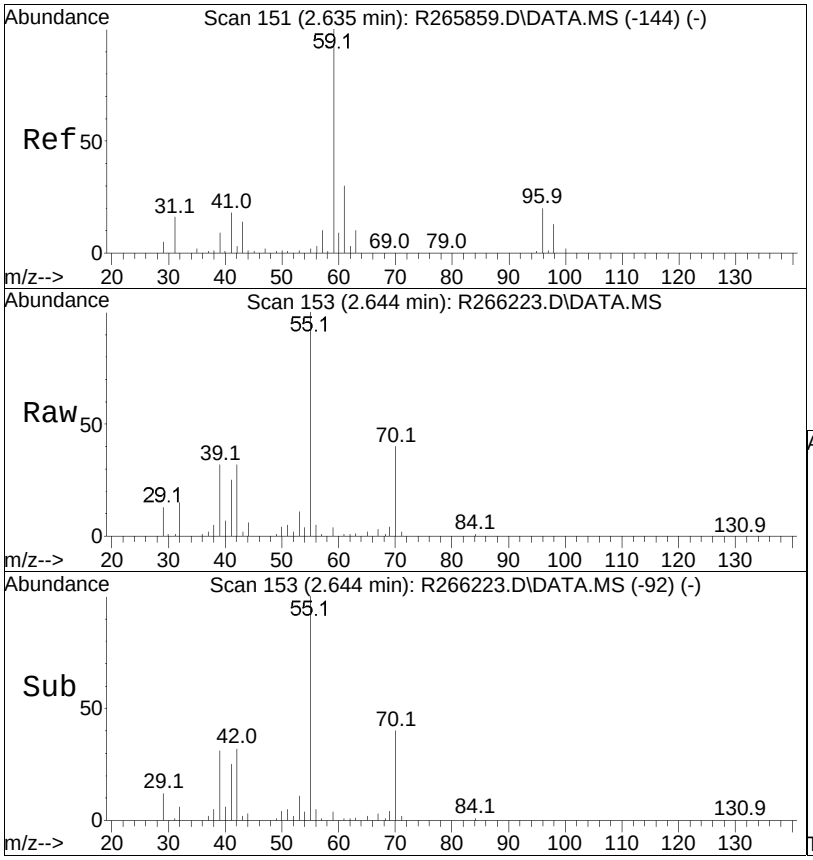


#22
isopropyl alcohol
Concen: 8.61 ppbV
RT: 2.465 min Scan# 120
Delta R.T. 0.005 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 45 Resp: 236314

Ion	Ratio	Lower	Upper
45	100		
59	4.7	3.4	5.2

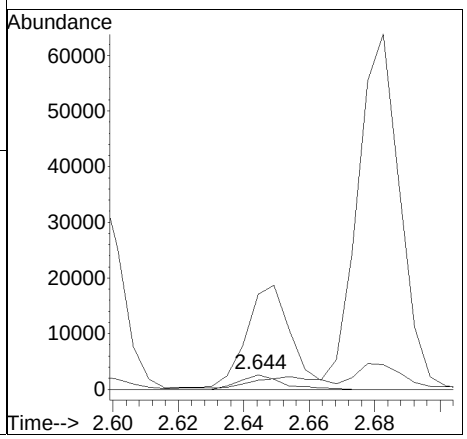


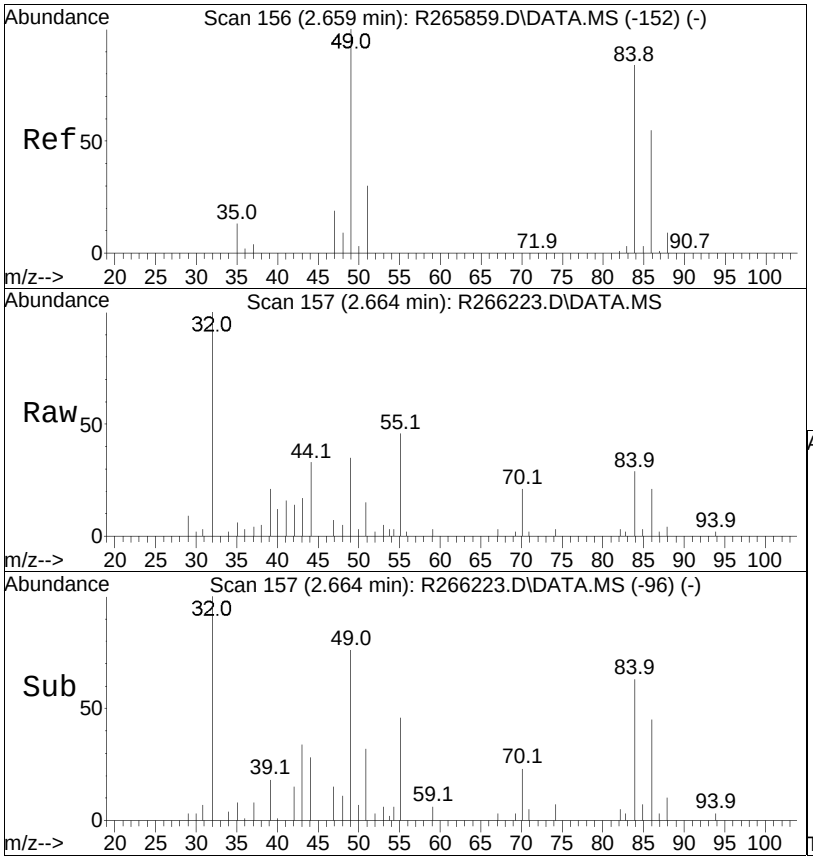


#27
tertiary butyl alcohol
Concen: 0.05 ppbV
RT: 2.644 min Scan# 153
Delta R.T. 0.009 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 59 Resp: 2383

Ion	Ratio	Lower	Upper
59	100		
41	657.0	14.2	21.4#
43	63.4	11.0	16.4#

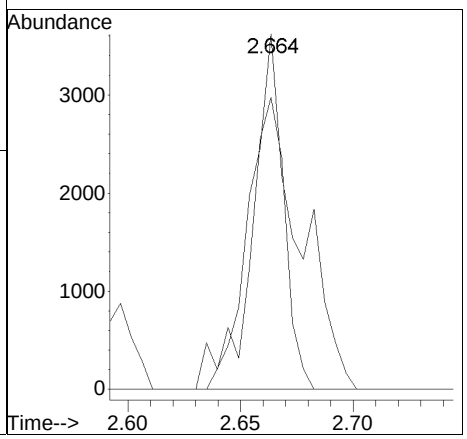


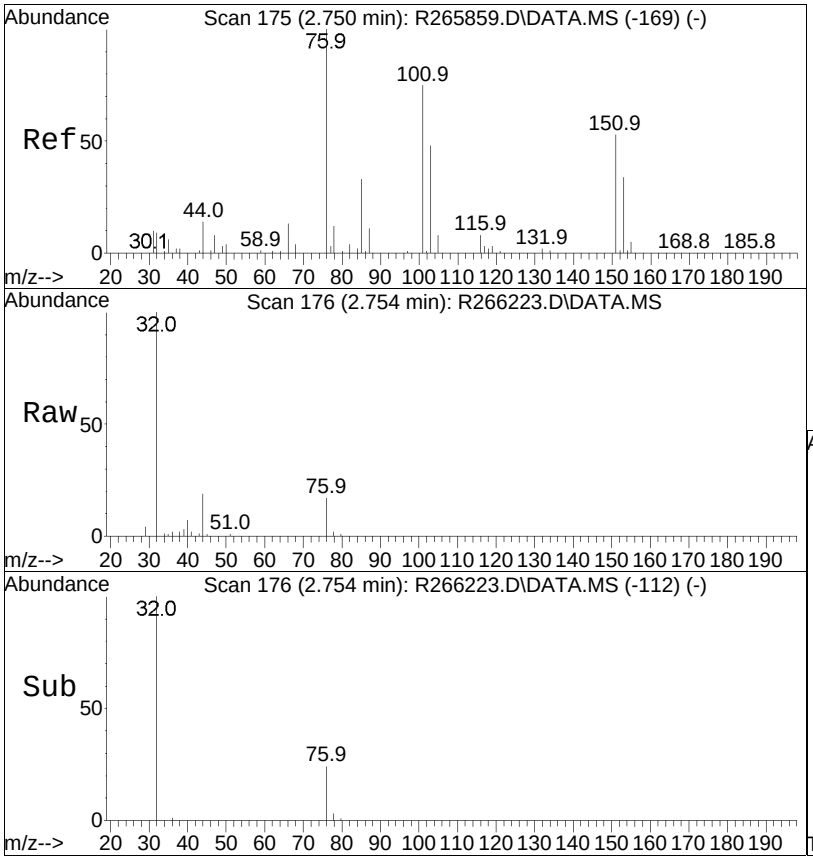


#28
methylene chloride
Concen: 0.23 ppbV
RT: 2.664 min Scan# 157
Delta R.T. 0.005 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 49 Resp: 5147

Ion	Ratio	Lower	Upper
49	100		
84	82.2	66.6	99.8

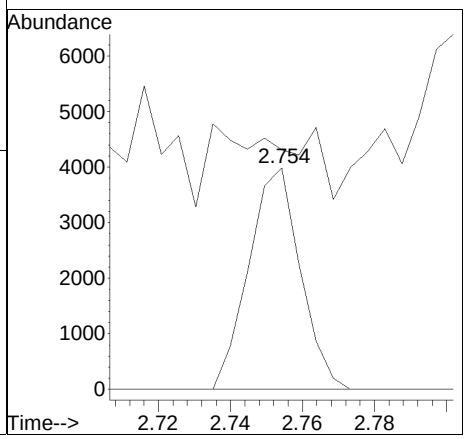


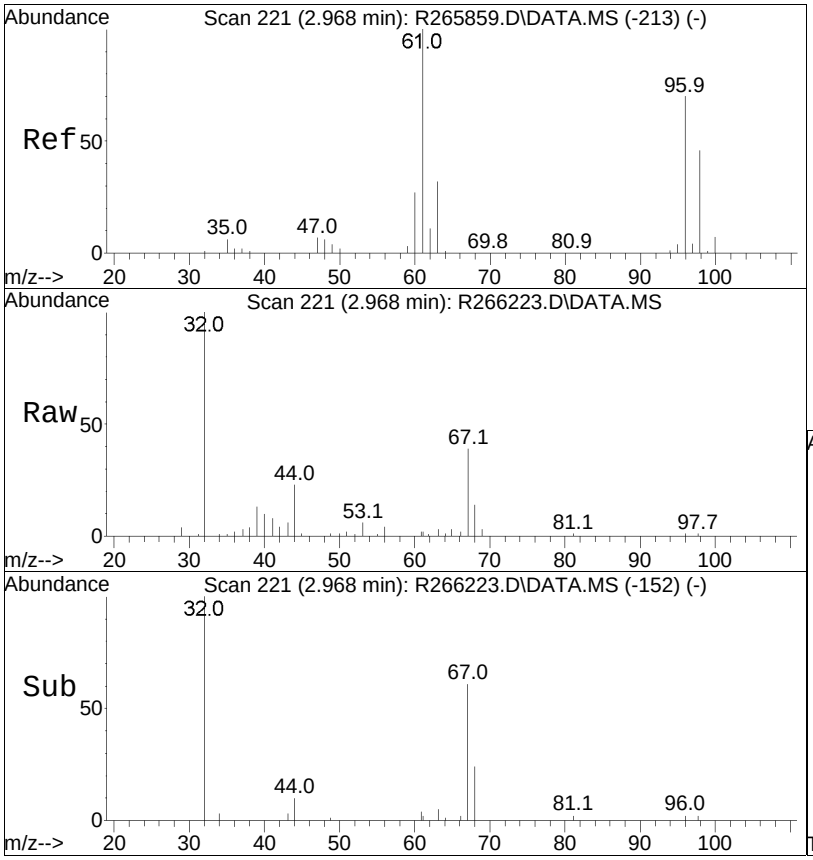


#30
carbon disulfide
Concen: 0.07 ppbV
RT: 2.754 min Scan# 176
Delta R.T. 0.005 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 76 Resp: 3967

Ion	Ratio	Lower	Upper
76	100		
44	108.2	11.6	17.4#

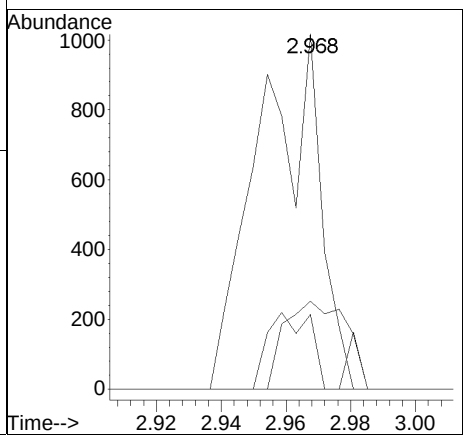


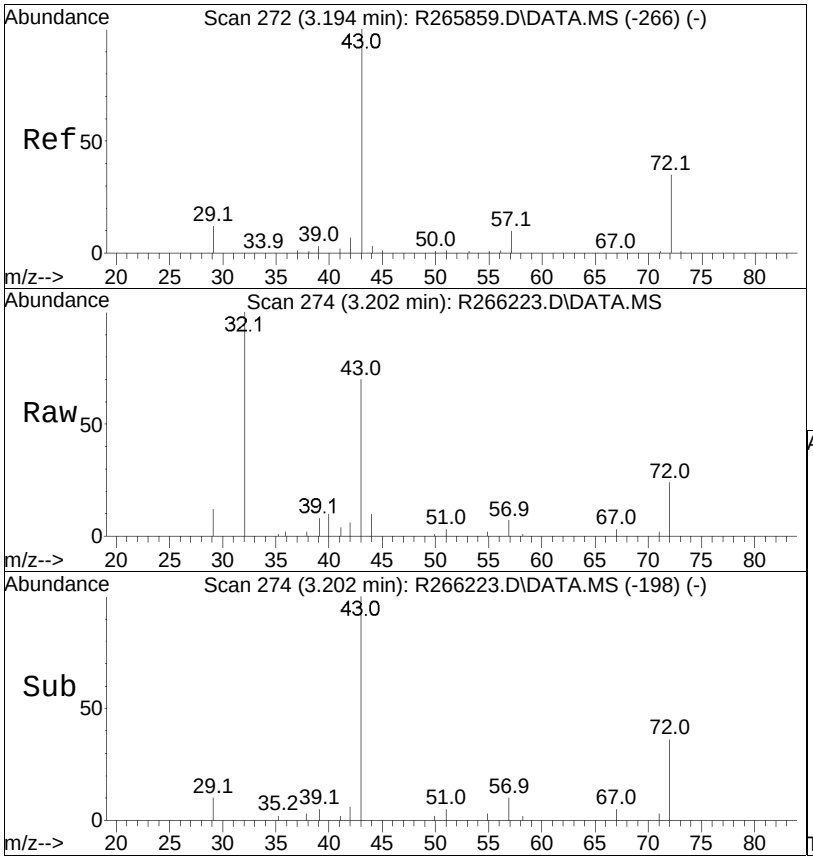


#32
trans-1,2-dichloroethene
Concen: 0.04 ppbV
RT: 2.968 min Scan# 221
Delta R.T. -0.000 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 61 Resp: 1353

Ion	Ratio	Lower	Upper
61	100		
96	24.8	56.4	84.6#
98	21.0	36.5	54.7#

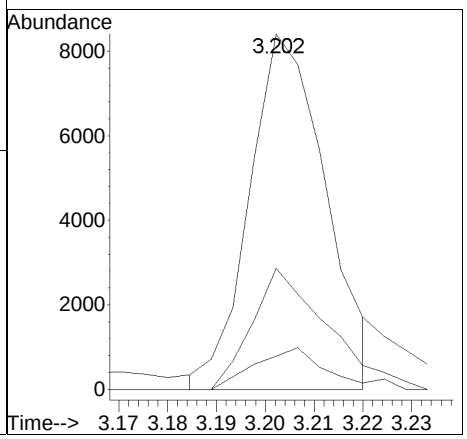


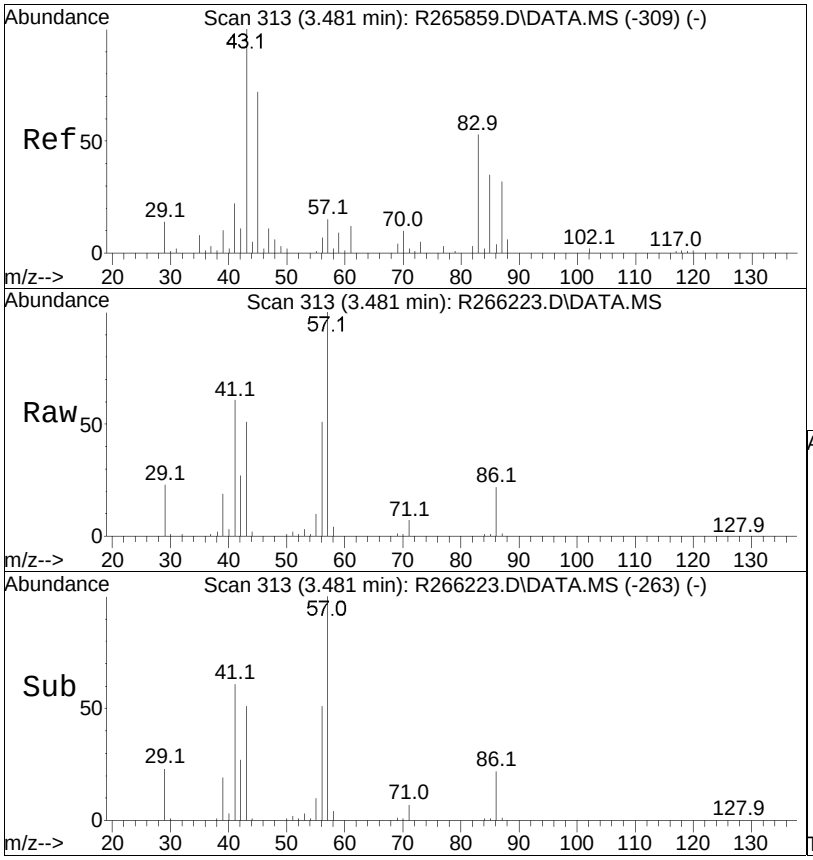


#36
2-butanone
Concen: 0.32 ppbV m
RT: 3.202 min Scan# 274
Delta R.T. 0.009 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 43 Resp: 9153

Ion	Ratio	Lower	Upper
43	100		
72	34.1	27.9	41.9
57	9.4	8.2	12.2

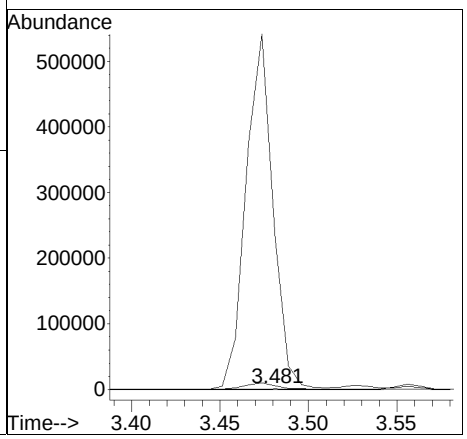


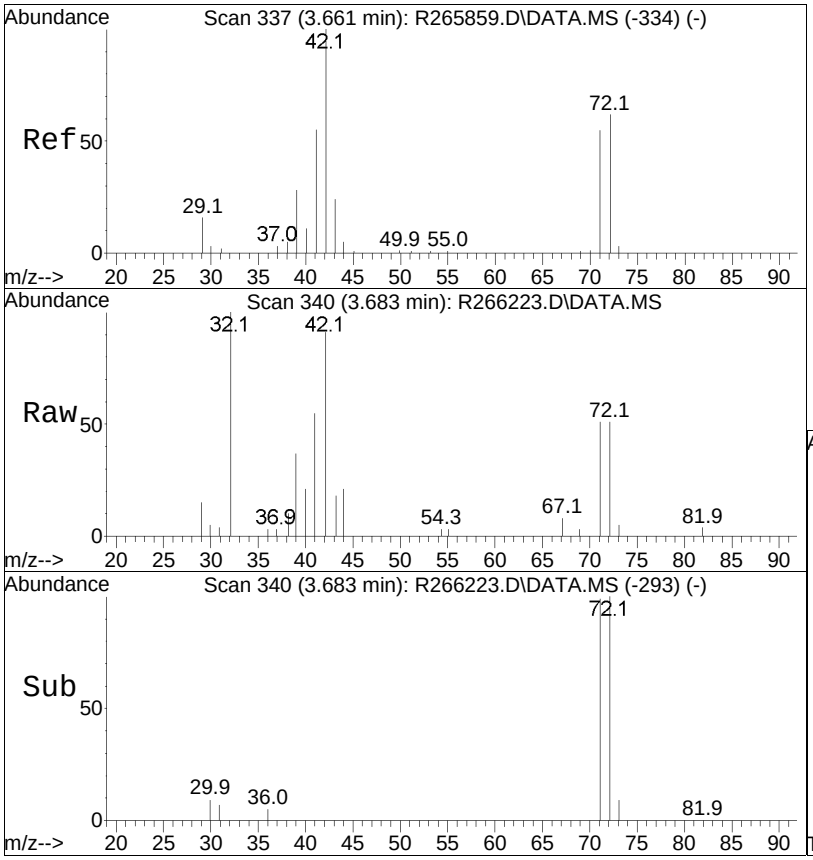


#38
Ethyl Acetate
Concen: 0.39 ppbV
RT: 3.481 min Scan# 313
Delta R.T. -0.000 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 61 Resp: 2127

Ion	Ratio	Lower	Upper
61	100		
70	532.9	68.1	102.1#
43	22031.6	670.2	1005.4#

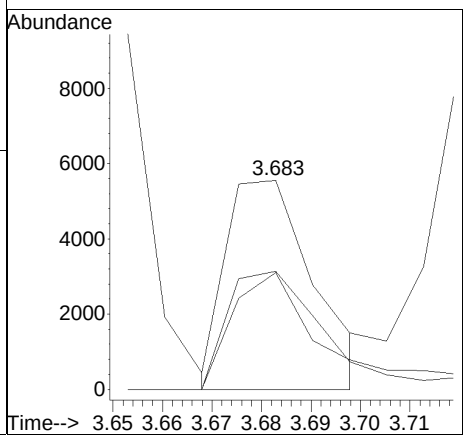


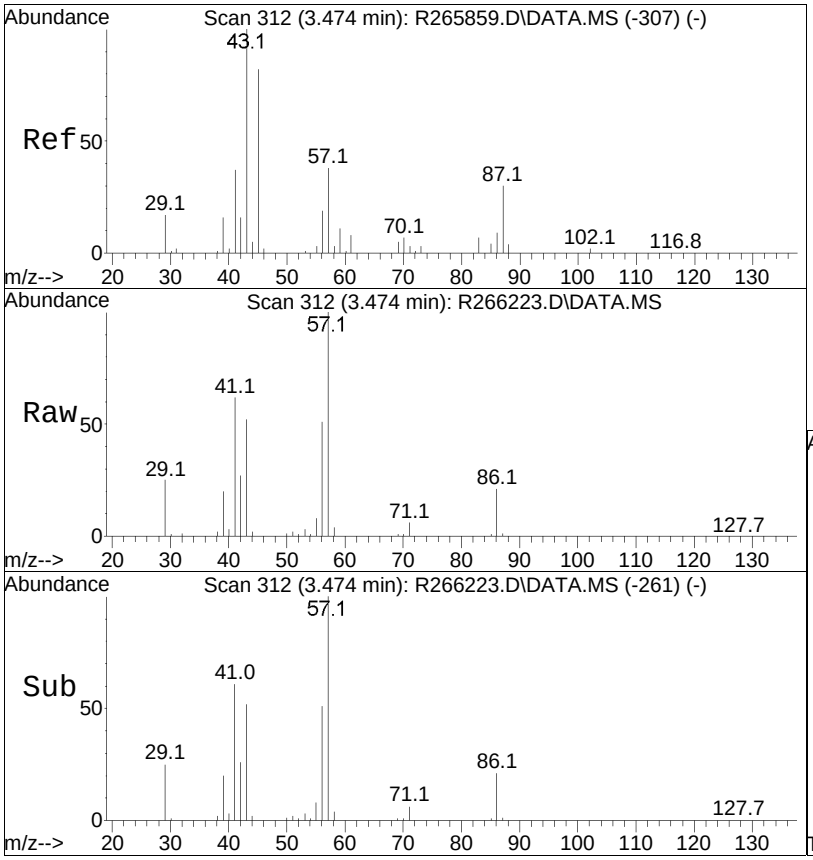


#40
Tetrahydrofuran
Concen: 0.57 ppbV m
RT: 3.683 min Scan# 340
Delta R.T. 0.022 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 42 Resp: 6852

Ion	Ratio	Lower	Upper
42	100		
71	55.9	44.3	66.5
72	56.5	49.4	74.2

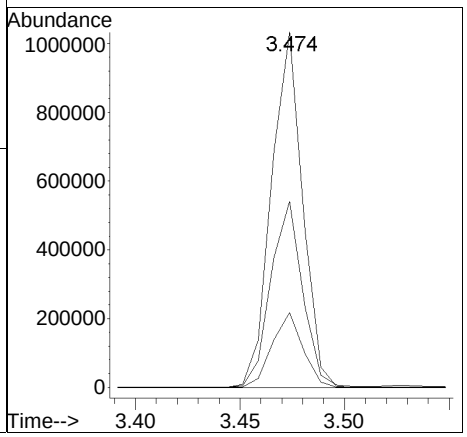


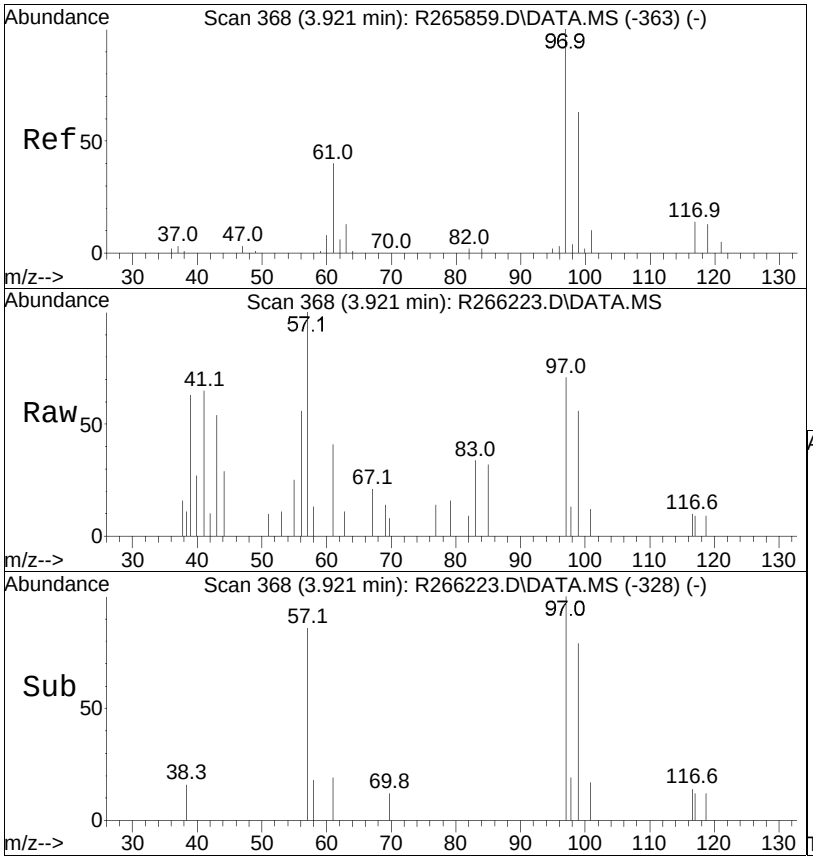


#44
hexane
Concen: 51.72 ppbV
RT: 3.474 min Scan# 312
Delta R.T. -0.000 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 57 Resp: 1067414

Ion	Ratio	Lower	Upper
57	100		
43	52.4	209.9	314.9#
86	21.1	18.6	27.8

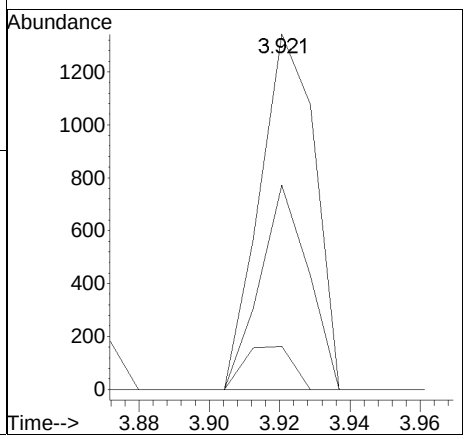


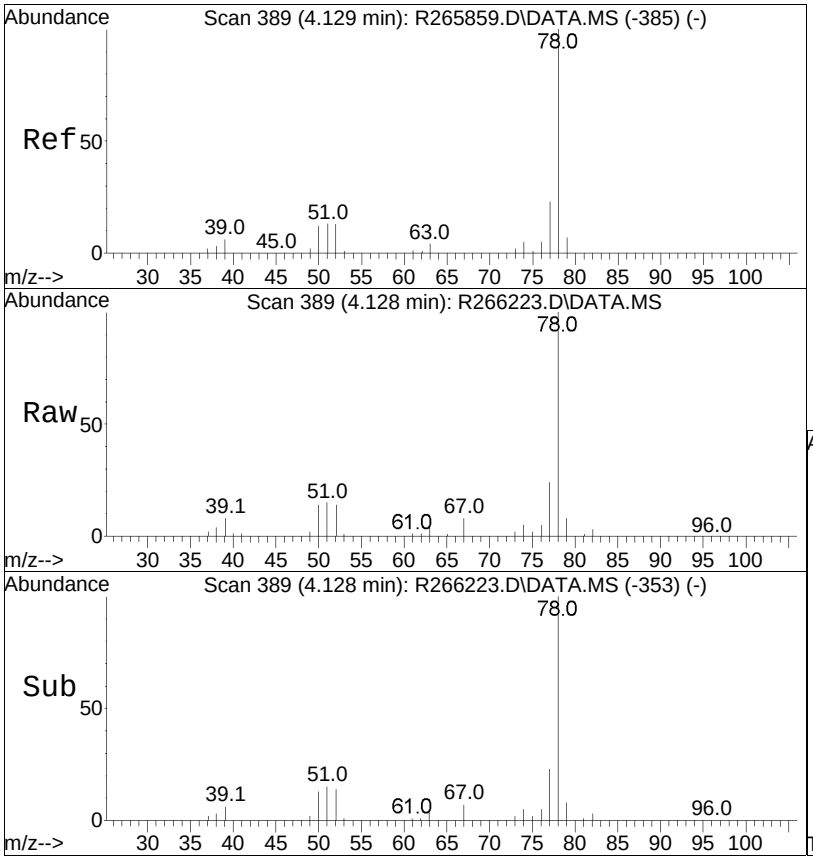


#48
1,1,1-trichloroethane
Concen: 0.04 ppbV
RT: 3.921 min Scan# 368
Delta R.T. -0.000 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 97 Resp: 1460

Ion	Ratio	Lower	Upper
97	100		
61	57.5	31.7	47.5#
119	12.1	10.8	16.2

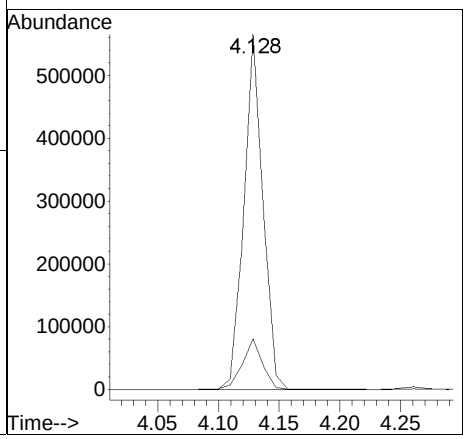


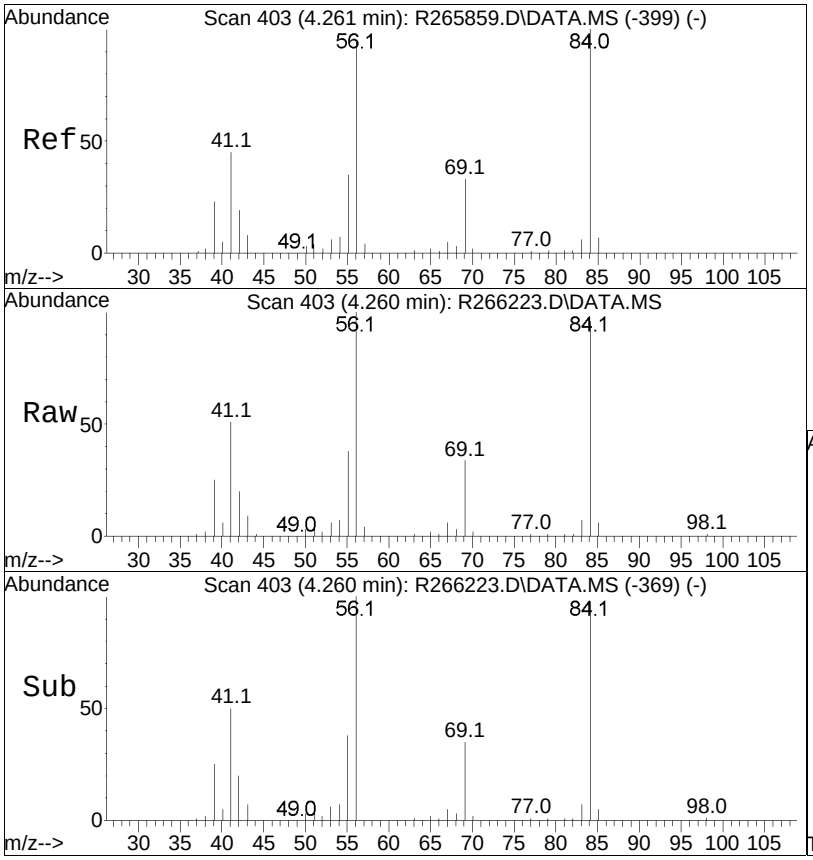


#50
benzene
Concen: 12.30 ppbV
RT: 4.128 min Scan# 389
Delta R.T. -0.000 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 78 Resp: 614080

Ion	Ratio	Lower	Upper
78	100		
52	14.2	10.1	15.1

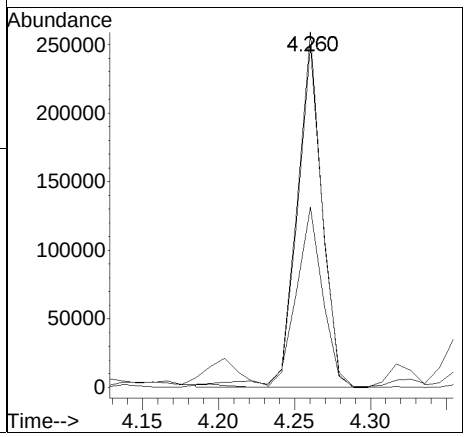


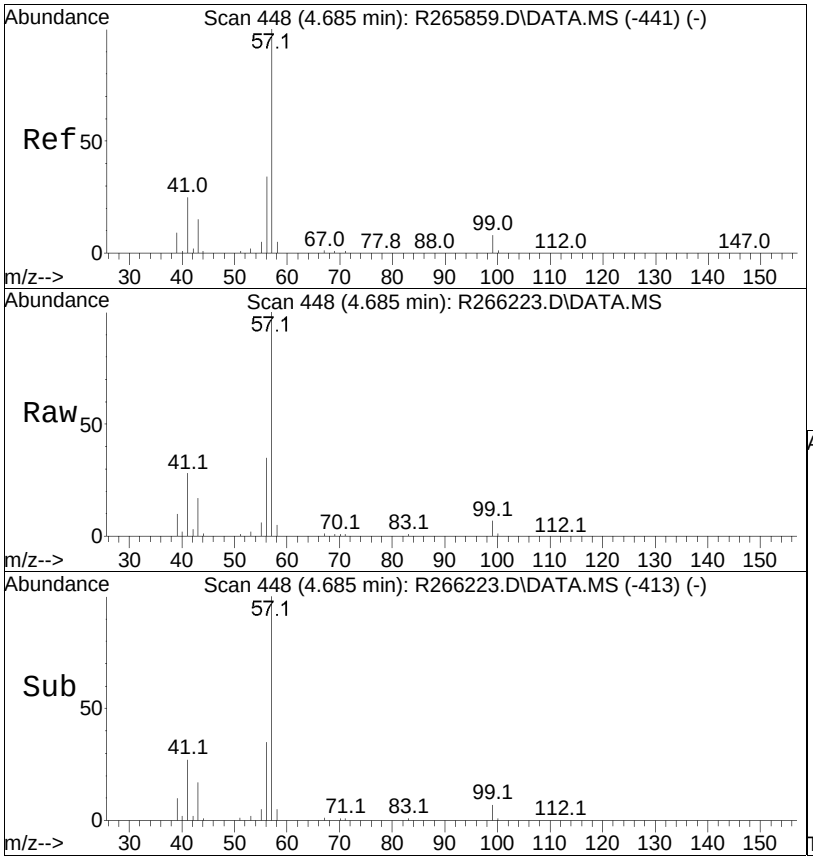


#53
cyclohexane
Concen: 14.55 ppbV
RT: 4.260 min Scan# 403
Delta R.T. -0.000 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 56 Resp: 296651

Ion	Ratio	Lower	Upper
56	100		
84	96.2	84.6	126.8
41	50.8	37.9	56.9

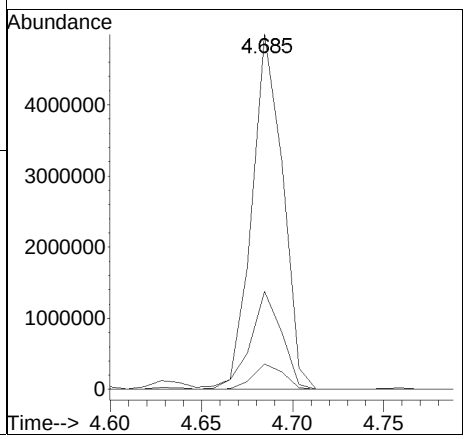


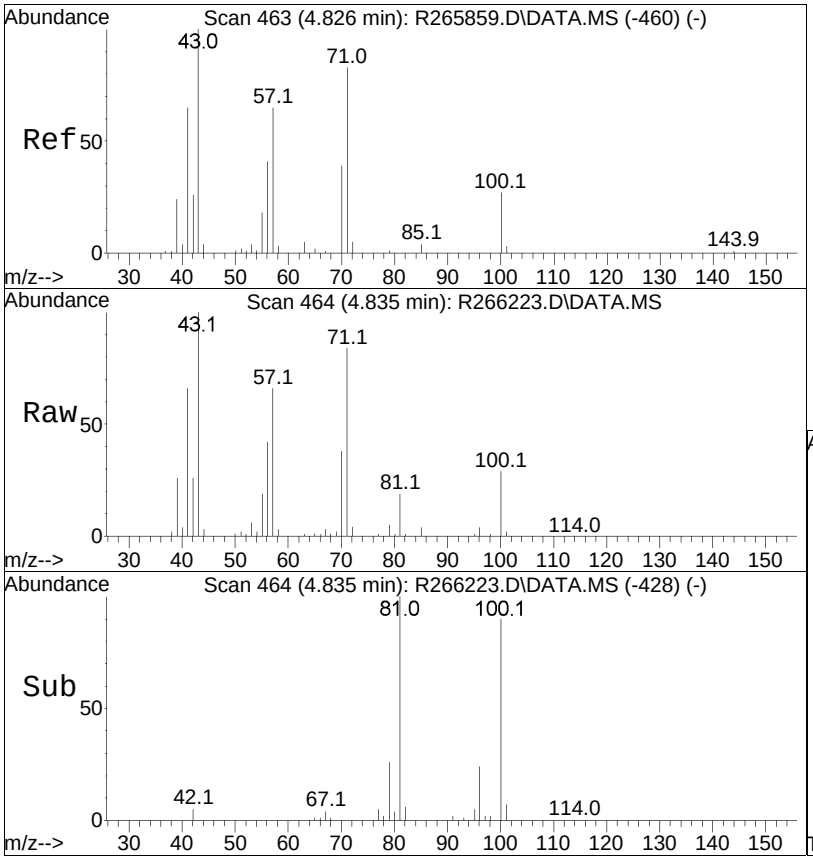


#60
2,2,4-trimethylpentane
Concen: 90.10 ppbV
RT: 4.685 min Scan# 448
Delta R.T. -0.000 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 57 Resp: 5879638

Ion	Ratio	Lower	Upper
57	100		
99	7.1	6.2	9.2
41	27.6	19.8	29.8

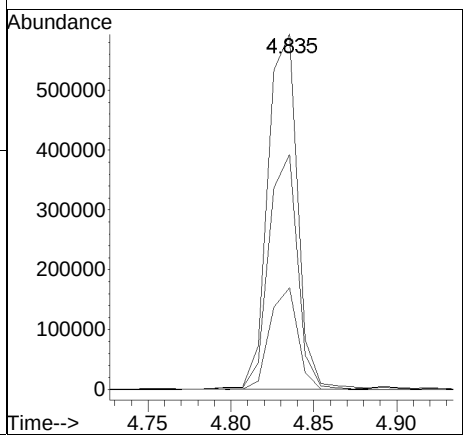


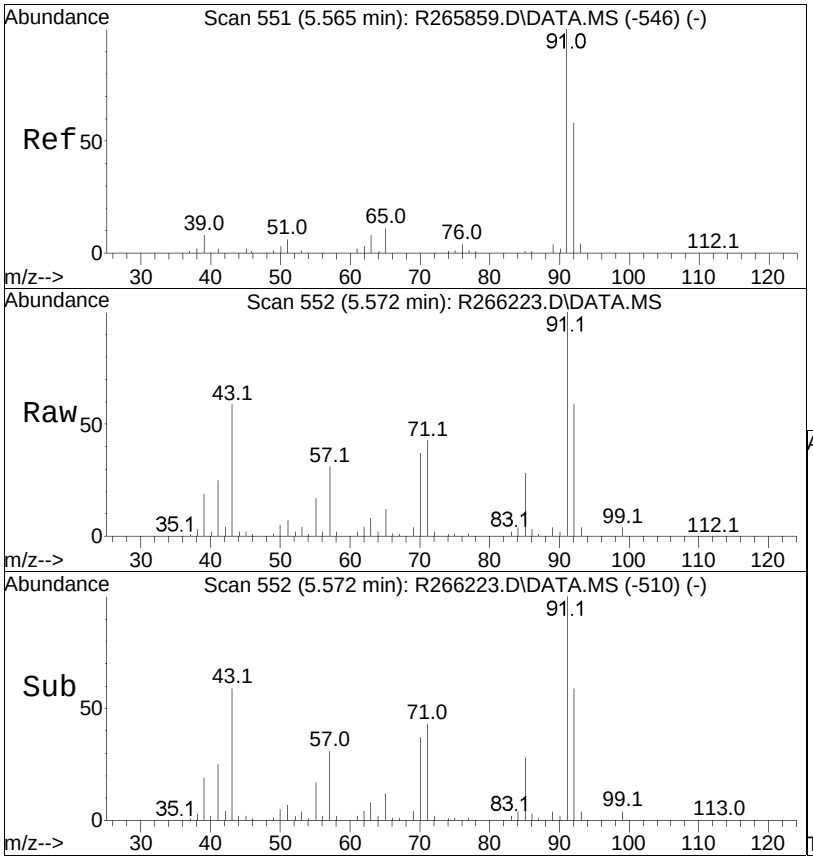


#62
heptane
Concen: 38.38 ppbV
RT: 4.835 min Scan# 464
Delta R.T. 0.009 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 43 Resp: 741122

Ion	Ratio	Lower	Upper
43	100		
57	66.2	52.1	78.1
100	28.6	22.3	33.5

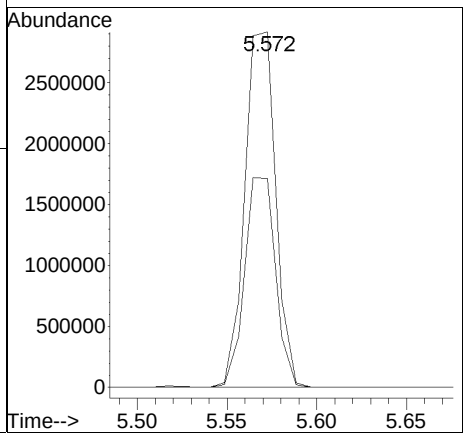


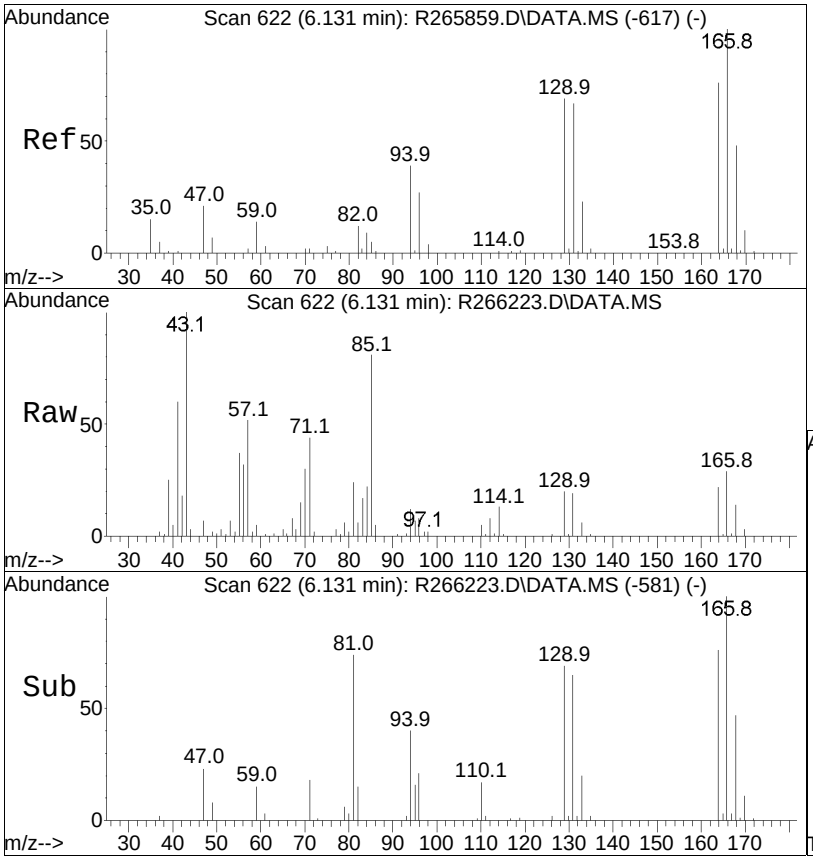


#68
toluene
Concen: 42.76 ppbV
RT: 5.572 min Scan# 552
Delta R.T. 0.008 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 91 Resp: 3501537

Ion	Ratio	Lower	Upper
91	100		
92	58.7	46.4	69.6

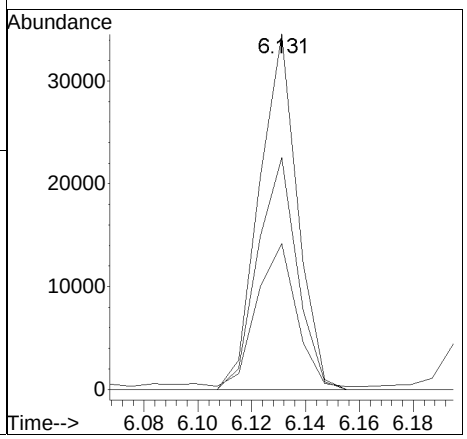


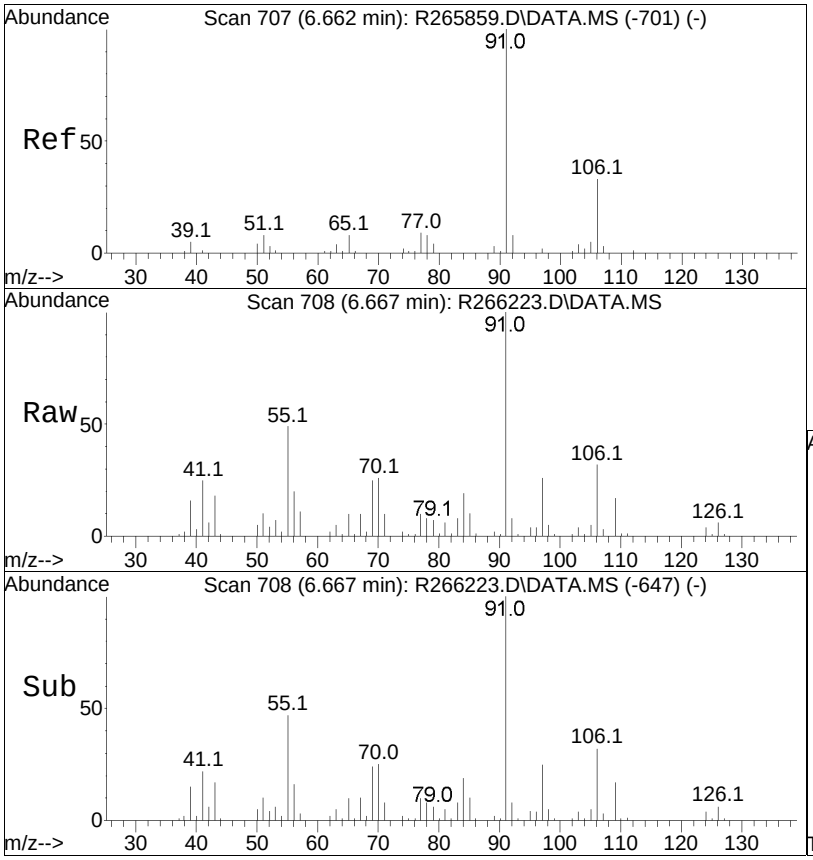


#78
tetrachloroethene
Concen: 0.80 ppbV
RT: 6.131 min Scan# 622
Delta R.T. -0.000 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion:166 Resp: 34097

Ion	Ratio	Lower	Upper
166	100		
131	65.2	53.8	80.6
94	41.0	31.2	46.8

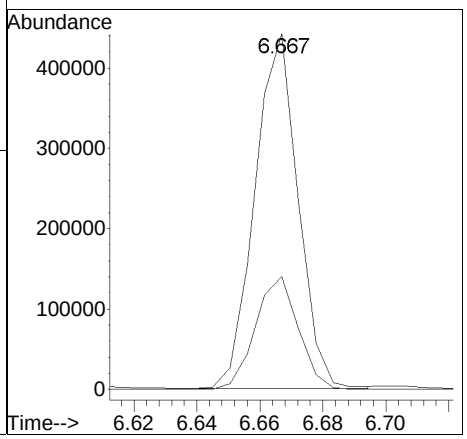


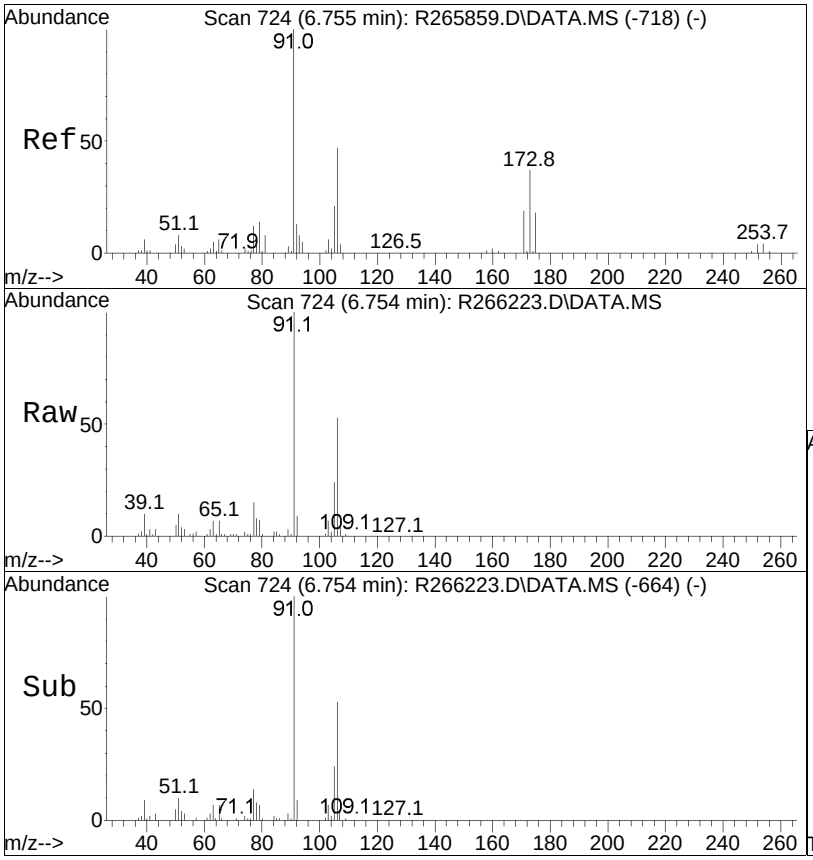


#81
ethylbenzene
Concen: 4.02 ppbV
RT: 6.667 min Scan# 708
Delta R.T. 0.005 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 91 Resp: 420748

Ion	Ratio	Lower	Upper
91	100		
106	31.7	26.6	39.8

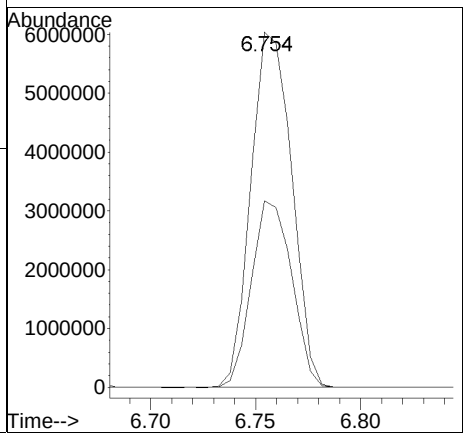


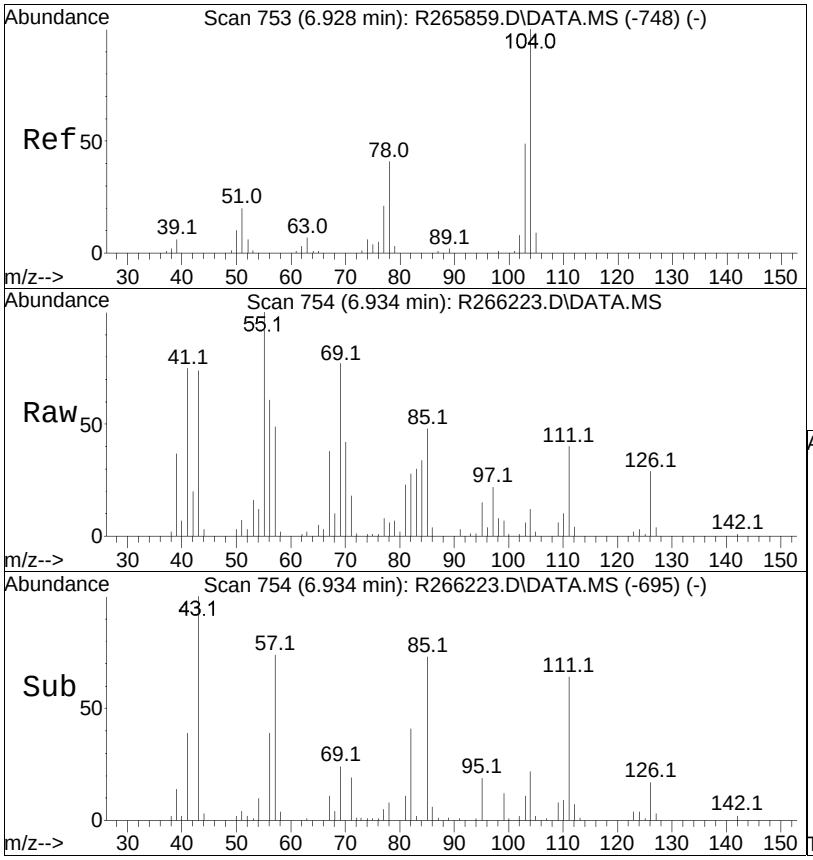


#83
m+p-xylene
Concen: 97.74 ppbV
RT: 6.754 min Scan# 724
Delta R.T. -0.000 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 91 Resp: 8188412

Ion	Ratio	Lower	Upper
91	100		
106	52.5	38.0	57.0

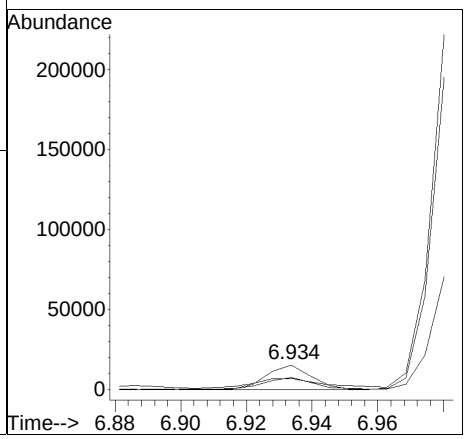


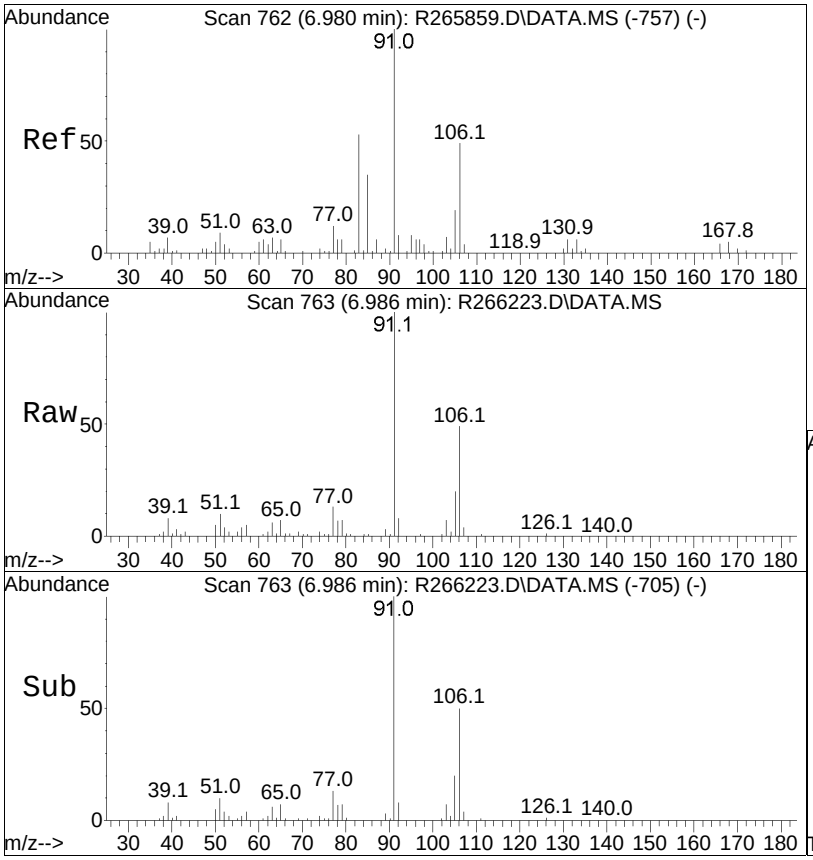


#85
styrene
Concen: 0.23 ppbV
RT: 6.934 min Scan# 754
Delta R.T. 0.006 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion:104 Resp: 14385

Ion	Ratio	Lower	Upper
104	100		
103	49.2	39.2	58.8
78	44.9	32.7	49.1

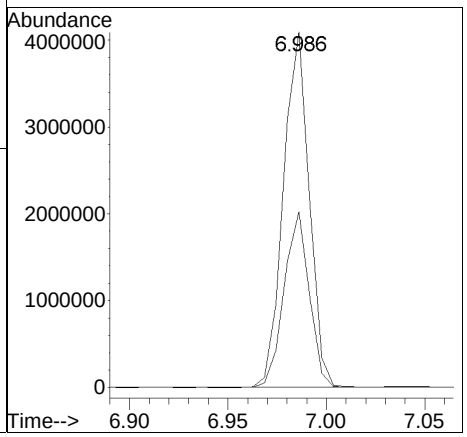


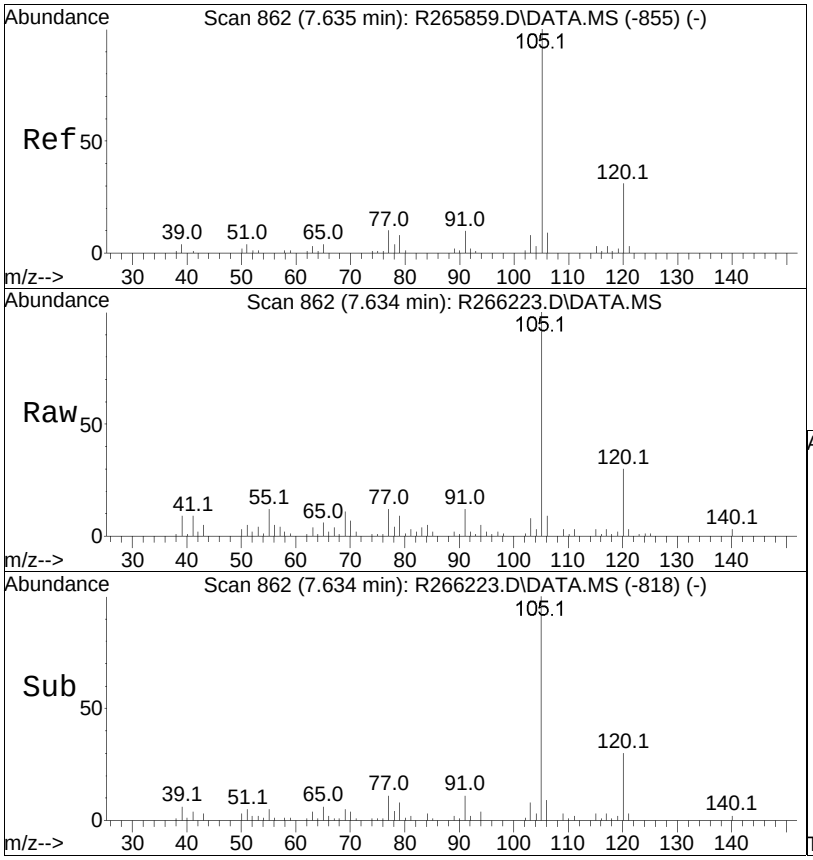


#87
o-xylene
Concen: 44.37 ppbV
RT: 6.986 min Scan# 763
Delta R.T. 0.006 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion: 91 Resp: 3727689

Ion	Ratio	Lower	Upper
91	100		
106	49.5	38.9	58.3

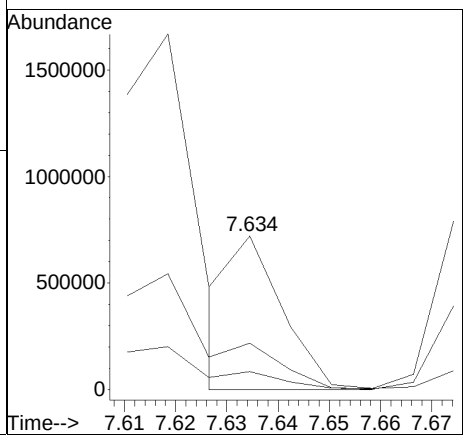


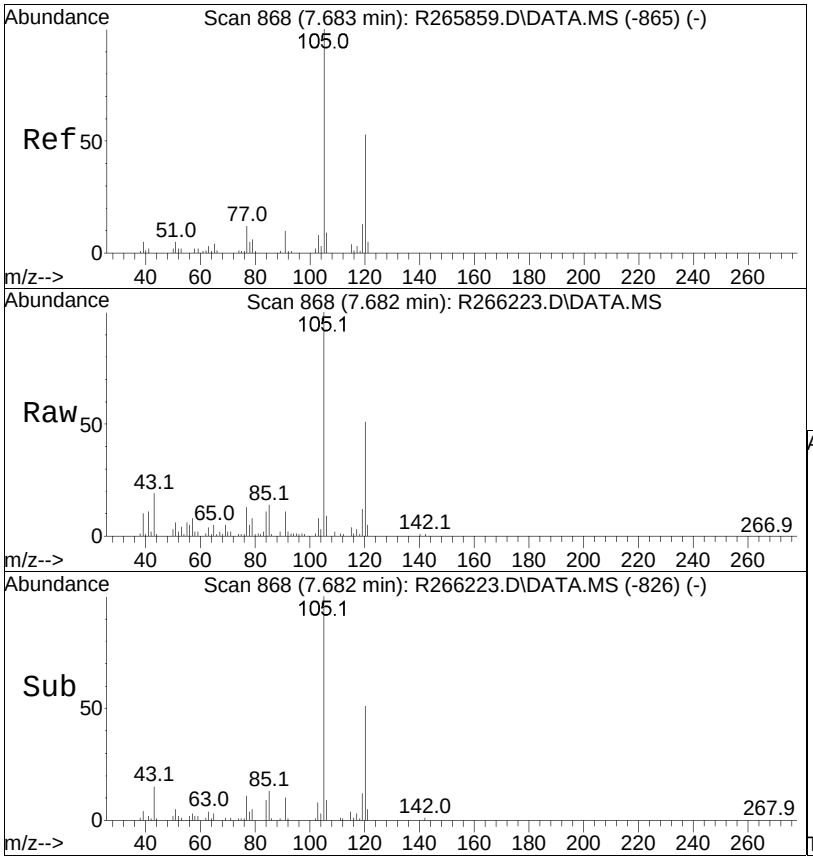


#96
4-ethyl toluene
Concen: 4.38 ppbV m
RT: 7.634 min Scan# 862
Delta R.T. -0.000 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion:105 Resp: 498906

Ion	Ratio	Lower	Upper
105	100		
120	30.2	24.9	37.3
91	11.7	8.5	12.7

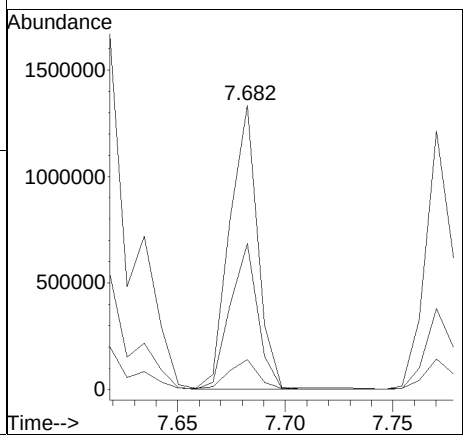


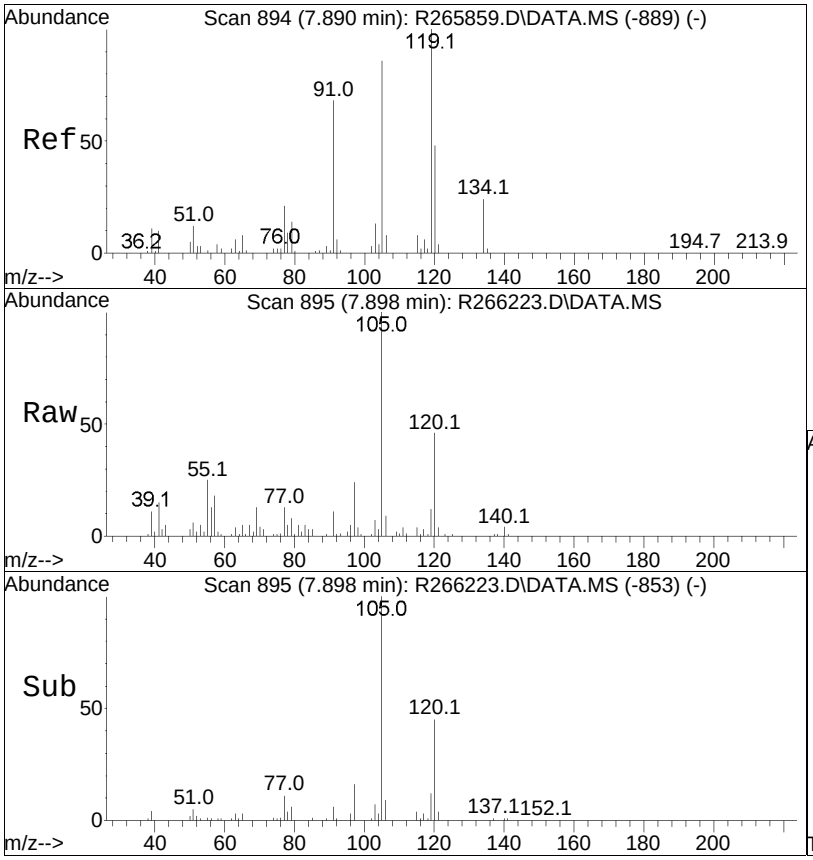


#97
1,3,5-trimethylbenzene
Concen: 12.77 ppbV
RT: 7.682 min Scan# 868
Delta R.T. -0.000 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion:105 Resp: 1208576

Ion	Ratio	Lower	Upper
105	100		
120	51.4	42.6	63.8
91	10.5	7.9	11.9

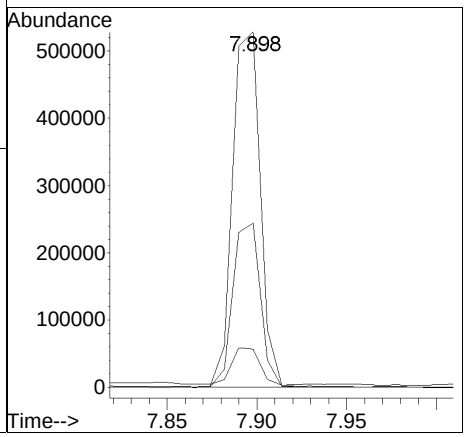




#99
1,2,4-trimethylbenzene
Concen: 5.68 ppbV
RT: 7.898 min Scan# 895
Delta R.T. 0.008 min
Lab File: R266223.D
Acq: 20 Oct 2025 03:53 am

Tgt Ion:105 Resp: 568345

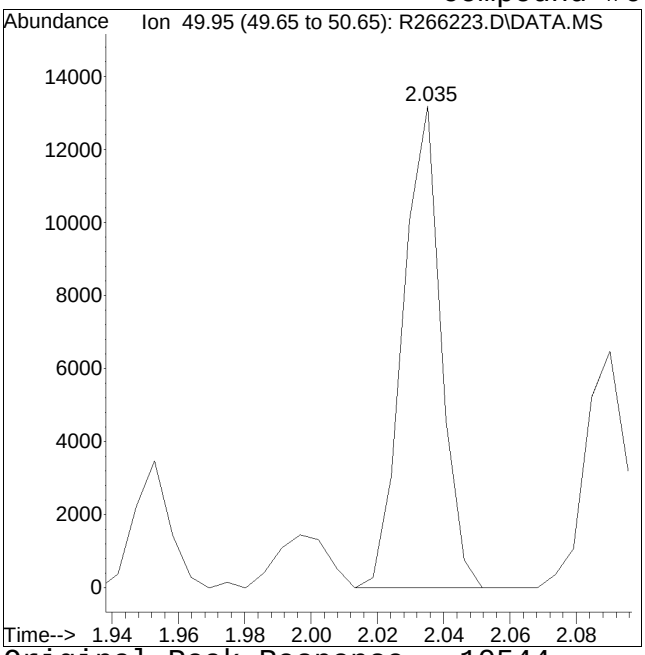
Ion	Ratio	Lower	Upper
105	100		
120	46.2	44.2	66.4
91	10.8	62.9	94.3#



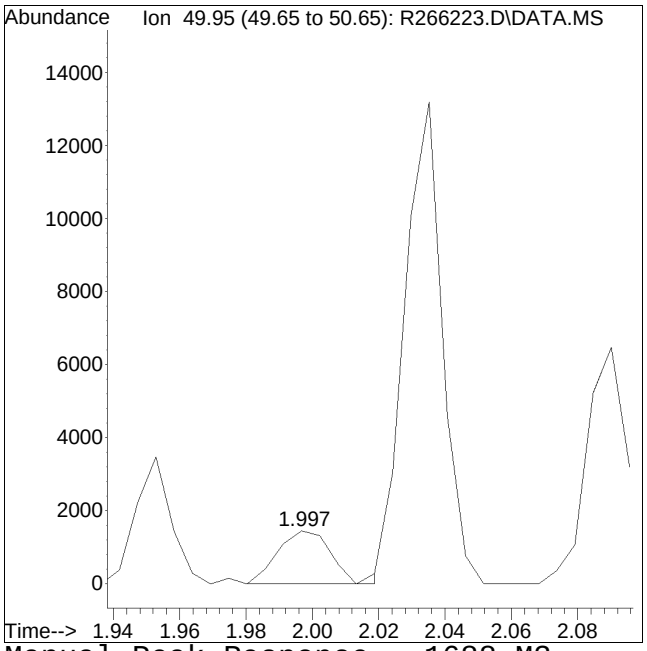
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R266223.D Operator : AIRLAB26:RAY
Date Inj'd : 10/20/2025 3:53 am Instrument : Airlab26
Sample : L2565378-04D,3,70,250 Quant Date : 10/20/2025 7:23 am

Compound #6: chloromethane



Original Peak Response = 10544



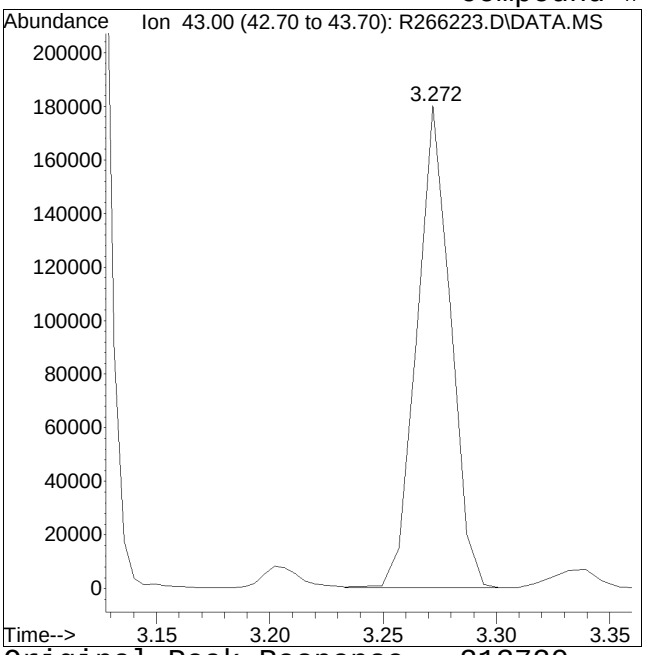
Manual Peak Response = 1688 M3

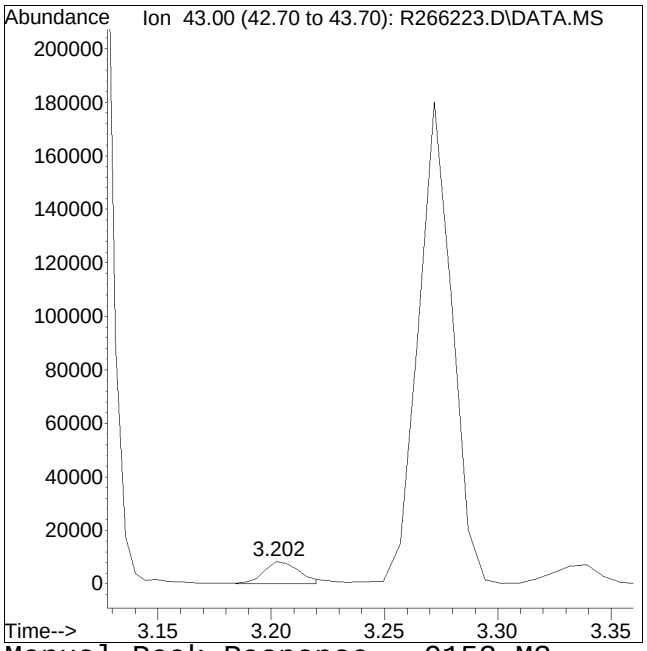
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R266223.D Operator : AIRLAB26:RAY
Date Inj'd : 10/20/2025 3:53 am Instrument : Airlab26
Sample : L2565378-04D,3,70,250 Quant Date : 10/20/2025 7:23 am

Compound #36: 2-butanone



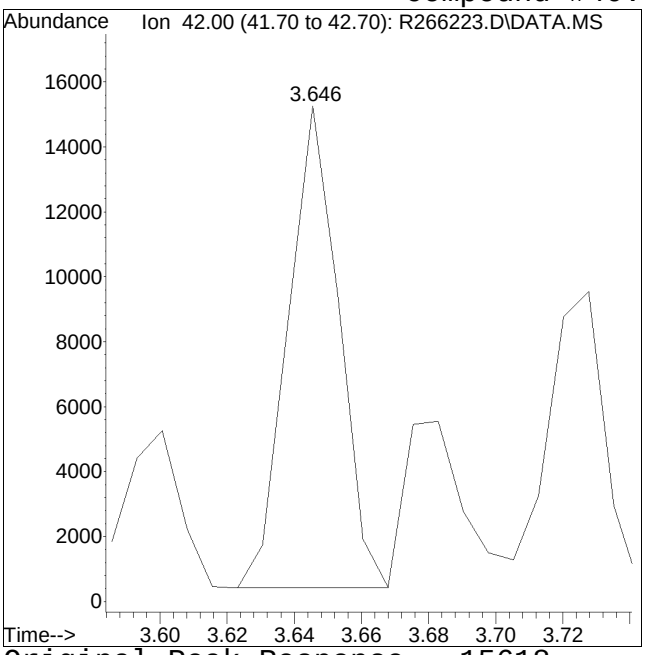


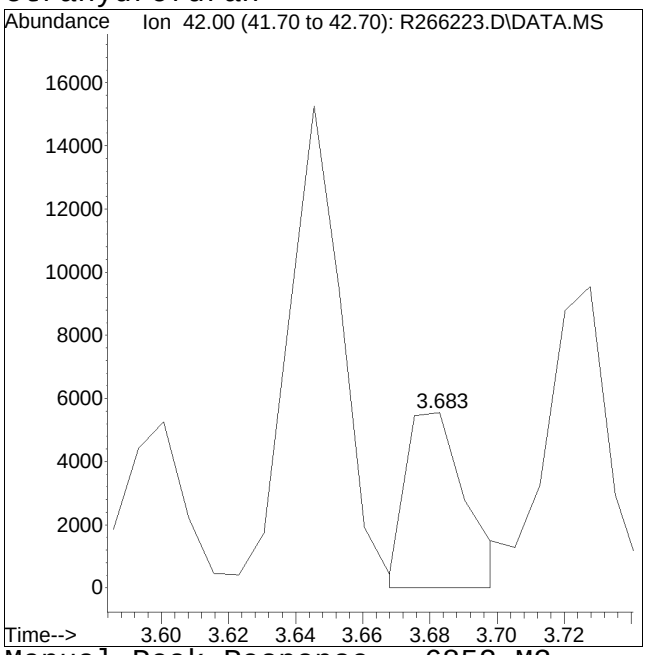
Original Peak Response = 213720 Manual Peak Response = 9153 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R266223.D Operator : AIRLAB26:RAY
Date Inj'd : 10/20/2025 3:53 am Instrument : Airlab26
Sample : L2565378-04D,3,70,250 Quant Date : 10/20/2025 7:23 am

Compound #40: Tetrahydrofuran



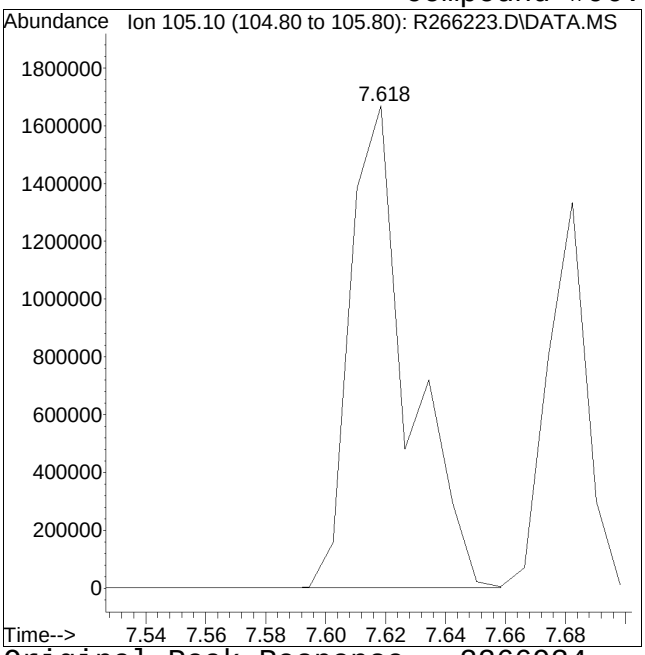


Original Peak Response = 15618 Manual Peak Response = 6852 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

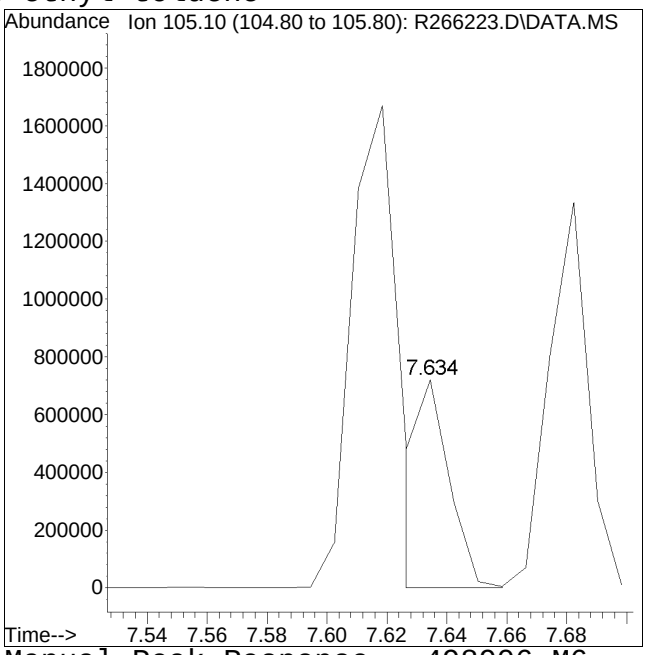
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R266223.D Operator : AIRLAB26:RAY
Date Inj'd : 10/20/2025 3:53 am Instrument : Airlab26
Sample : L2565378-04D,3,70,250 Quant Date : 10/20/2025 7:23 am

Compound #96: 4-ethyl toluene



Original Peak Response = 2266934



Manual Peak Response = 498906 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2565378**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB26**	**Ical Ref**	**: ICAL22711**
Calibration dates	**: 10/02/25 20:54 10/03/25 01:23**		

Calibration Files

0.2 =R265855.D 0.5 =R265856.D 1.0 =R265857.D 5.0 =R265858.D 10 =R265859.D 20 =R265860.D

50 =R265861.D 100 =R265862.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoromethane	0.637	1.156	0.696	0.533	0.871	0.555	0.839	0.710	0.750	27.16
3)		propylene		0.604	0.546	0.477	0.463	0.451	0.427	0.420	0.484	13.88
4)		propane		0.291	0.282	0.248	0.239	0.229	0.219	0.223	0.247	11.55
5)		dichlorodifluoromethane	2.417	2.610	2.629	2.431	2.329	2.376	2.242	2.136	2.396	7.02
6)	C	chloromethane	0.867	0.840	0.787	0.728	0.716	0.715	0.693	0.672	0.752	9.45
7)		Freon-114	2.822	2.827	2.863	2.653	2.612	2.675	2.606	2.474	2.691	5.01
8)	C	methanol			0.270	0.246	0.241	0.258	0.260	0.262	0.256	4.17
9)	C	vinyl chloride	0.998	0.976	1.009	0.904	0.902	0.910	0.871	0.859	0.929	6.21
10)	C	1,3-butadiene	0.614	0.648	0.625	0.601	0.599	0.601	0.580	0.579	0.606	3.82
11)		butane	1.337	1.142	1.114	1.055	1.039	1.062	1.032	1.042	1.103	9.27
12)	C	acetaldehyde		0.447	0.422	0.414	0.400	0.423	0.434	0.427	0.424	3.48
13)	C	bromomethane	0.999	1.014	1.038	0.944	0.904	0.926	0.887	0.956	0.958	5.63
14)	C	chloroethane	0.704	0.629	0.646	0.607	0.589	0.577	0.572	0.543	0.608	8.32
15)		ethanol			0.428	0.396	0.316	0.408	0.409	0.424	0.397	10.43
16)		dichlorofluoromethane	1.896	1.706	2.068	1.809	1.344	1.697	1.443	1.317	1.660	16.30
17)	C	vinyl bromide	0.974	1.028	1.035	0.961	0.940	0.956	0.906	0.903	0.963	5.10
18)	C	acrolein		0.403	0.419	0.415	0.403	0.407	0.397	0.400	0.406	1.97
19)		acetone	1.331	1.321	1.291	1.212	1.194	1.229	1.185	0.926	1.211	10.60
20)	C	acetonitrile	0.816	0.664	0.731	0.627	0.616	0.630	0.623	0.635	0.668	10.56
21)		trichlorofluoromethane	2.774	2.883	2.924	2.704	2.644	2.755	2.709	2.623	2.752	3.87
22)		isopropyl alcohol	1.649	1.567	1.398	1.449	1.324	1.443	1.448	1.373	1.456	7.23
23)	C	acrylonitrile	0.898	0.855	0.800	0.782	0.768	0.794	0.759	0.748	0.800	6.39
24)		pentane	1.885	1.629	1.688	1.600	1.430	1.605	1.514	1.293	1.580	11.15
25)		ethyl ether	1.108	1.039	1.050	0.944	0.832	0.943	0.855	0.799	0.946	11.88
26)	C	1,1-dichloroethene	1.836	1.848	1.940	1.730	1.700	1.804	1.743	1.679	1.785	4.93
27)		tertiary butyl alcohol		2.614	2.286	2.494	2.330	2.578	2.511	2.422	2.462	4.96
28)	C	methylene chloride		1.383	1.308	1.164	1.148	1.197	1.145	1.108	1.208	8.32
29)	C	3-chloropropene	1.223	1.251	1.189	1.153	1.147	1.170	1.143	1.111	1.173	3.90
30)	C	carbon disulfide	3.198	3.173	3.136	3.318	3.002	3.229	2.895	2.886	3.105	5.13
31)		Freon 113	2.555	2.534	2.525	2.295	2.292	2.375	2.277	2.085	2.367	6.90
32)		trans-1,2-dichloroethene	1.675	1.636	1.723	1.657	1.611	1.639	1.585	1.515	1.630	3.82
33)	C	1,1-dichloroethane	2.106	2.281	2.269	2.141	2.074	2.156	2.062	1.962	2.131	5.01
34)	C	MTBE	3.109	3.311	3.260	3.154	3.109	3.163	3.051	2.902	3.132	4.01
35)	C	vinyl acetate			1.438	1.081	1.557	1.906	2.168	2.214	1.727	25.80
36)	C	2-butanone		1.302	1.558	1.533	1.569	1.530	1.495	1.607	1.514	6.57

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2565378**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB26**	**Ical Ref**	**: ICAL22711**
Calibration dates	**: 10/02/25 20:54 10/03/25 01:23**		

Calibration Files

0.2 =R265855.D 0.5 =R265856.D 1.0 =R265857.D 5.0 =R265858.D 10 =R265859.D 20 =R265860.D

50 =R265861.D 100 =R265862.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
37)		cis-1,2-dichloroethene	1.059	1.149	1.144	1.127	1.108	1.161	1.132	1.114	1.124	2.80
38)		Ethyl Acetate		0.362	0.312	0.255	0.271	0.270	0.276	0.275	0.289	12.69
39)	C	chloroform	1.996	2.124	2.047	1.938	1.883	1.956	1.898	1.883	1.966	4.37
40)		Tetrahydrofuran		0.761	0.658	0.593	0.586	0.618	0.608	0.606	0.633	9.61
41)		2,2-dichloropropane	1.656	1.656	1.658	1.651	1.598	1.650	1.608	1.624	1.638	1.47
42)	C	1,2-dichloroethane	1.144	1.170	1.404	1.157	1.305	1.186	1.288	1.281	1.242	7.39
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.340	0.326	0.321	0.307	0.313	0.317	0.318	0.331	0.322	3.27
45)		diisopropyl ether	0.257	0.282	0.277	0.270	0.273	0.278	0.278	0.287	0.275	3.21
46)		tert-butyl ethyl ether	0.819	0.798	0.792	0.758	0.788	0.811	0.781	0.788	0.792	2.34
47)	s	1,2-dichloroethane-D4	0.083	0.077	0.089	0.084	0.079	0.082	0.086	0.085	0.083	4.71
48)	C	1,1,1-trichloroethane	0.620	0.587	0.545	0.526	0.637	0.637	0.636	0.630	0.602	7.40
49)		1,1-dichloropropene	0.372	0.401	0.378	0.376	0.388	0.401	0.395	0.390	0.388	2.95
50)	C	benzene	0.798	0.848	0.792	0.749	0.758	0.781	0.749	0.751	0.778	4.45
51)		thiophene	0.601	0.659	0.633	0.813	0.828	0.648	0.627	0.638	0.681	12.91
52)	C	carbon tetrachloride	0.550	0.599	0.570	0.549	0.551	0.560	0.550	0.556	0.560	3.03
53)		cyclohexane	0.297	0.304	0.342	0.317	0.320	0.319	0.320	0.323	0.318	4.18
54)		tert-amyl methyl ether	0.736	0.695	0.712	0.694	0.710	0.724	0.721	0.719	0.714	1.99
55)		dibromomethane	0.322	0.364	0.351	0.330	0.328	0.332	0.328	0.333	0.336	4.18
56)	C	1,2-dichloropropane	0.310	0.280	0.269	0.262	0.257	0.264	0.260	0.264	0.271	6.31
57)		bromodichloromethane	0.532	0.566	0.510	0.530	0.543	0.546	0.548	0.544	0.540	3.00
58)	C	1,4-dioxane	0.150	0.173	0.157	0.172	0.157	0.179	0.181	0.183	0.169	7.45
59)	C	trichloroethene	0.403	0.422	0.423	0.395	0.402	0.391	0.383	0.393	0.401	3.62
60)	C	2,2,4-trimethylpentane	1.061	1.005	1.030	1.009	1.010	1.030	1.011	0.981	1.017	2.32
61)		methyl methacrylate		0.235	0.224	0.230	0.239	0.247	0.256	0.270	0.243	6.62
62)		heptane	0.321	0.307	0.296	0.289	0.290	0.295	0.298	0.311	0.301	3.75
63)	C	cis-1,3-dichloropropene	0.400	0.407	0.420	0.408	0.411	0.423	0.427	0.432	0.416	2.69
64)	C	4-methyl-2-pentanone		0.394	0.399	0.406	0.411	0.416	0.423	0.442	0.413	3.89
65)		trans-1,3-dichloropropene	0.313	0.329	0.333	0.304	0.325	0.345	0.348	0.355	0.332	5.31
66)	C	1,1,2-trichloroethane	0.363	0.356	0.353	0.339	0.348	0.347	0.343	0.346	0.349	2.27
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	6.836	7.171	7.012	6.772	6.505	6.669	6.273	5.668	6.613	7.16
69)	s	toluene-D8	5.906	6.057	5.843	5.999	5.734	5.634	5.470	5.336	5.747	4.43
70)		2-methylthiophene	5.844	6.549	6.127	8.422	7.970	5.939	5.726	5.220	6.475	17.49
71)		1,3-dichloropropane	3.358	3.369	3.239	3.262	3.118	3.189	3.050	2.892	3.185	5.06
72)		2-hexanone	2.489	2.494	2.615	2.786	2.786	2.759	2.775	2.753	2.682	4.85

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2565378**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB26**	**Ical Ref**	**: ICAL22711**
Calibration dates	**: 10/02/25 20:54 10/03/25 01:23**		

Calibration Files

0.2 =R265855.D 0.5 =R265856.D 1.0 =R265857.D 5.0 =R265858.D 10 =R265859.D 20 =R265860.D

50 =R265861.D 100 =R265862.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
73)		3-methylthiophene	5.985	6.516	6.510	8.500	8.150	6.160	5.782	5.348	6.619	16.97
74)		dibromochloromethane	3.523	3.853	3.507	3.828	3.758	3.829	3.802	3.663	3.720	3.76
75)	C	1,2-dibromoethane	3.553	3.868	3.745	3.646	3.567	3.616	3.506	3.312	3.602	4.58
76)		butyl acetate		0.866	0.788	0.862	0.837	0.865	0.843	0.812	0.839	3.50
77)		octane	2.130	1.906	2.108	2.134	2.114	2.173	2.084	2.090	2.092	3.84
78)	C	tetrachloroethene	4.127	3.672	3.396	3.409	3.312	3.305	3.119	3.039	3.422	10.03
79)		1,1,1,2-tetrachloroethane	3.105	3.014	2.912	2.965	2.873	2.914	2.884	2.870	2.942	2.79
80)	C	chlorobenzene	5.844	5.753	5.856	5.691	5.362	5.456	5.353	5.128	5.555	4.82
81)	C	ethylbenzene	8.457	9.025	8.696	8.759	8.534	8.741	8.199	7.165	8.447	6.78
82)		2-ethylthiophene	0.641	0.768	0.738	1.011	0.989	0.740	0.705	0.629	0.778	18.72
83)	C	m+p-xylene	6.762	7.340	7.112	7.096	6.846	6.944	6.743	5.279	6.765	9.36
84)	C	bromoform	3.173	3.258	3.207	3.542	3.519	3.640	3.829	3.842	3.501	7.62
85)	C	styrene	4.864	4.890	5.007	5.220	5.149	5.372	5.133	4.789	5.053	3.96
86)	C	1,1,2,2-tetrachloroethane	5.415	5.004	5.049	4.968	4.836	5.039	4.997	4.993	5.038	3.30
87)	C	o-xylene	6.845	6.905	7.125	6.945	6.686	6.768	6.568	6.436	6.785	3.24
88)		1,2,3-trichloropropane	3.794	3.969	4.012	3.863	3.754	3.747	3.664	3.521	3.791	4.20
89)		nonane	2.852	3.111	3.026	3.144	3.145	3.240	3.236	3.340	3.137	4.76
90)	s	bromofluorobenzene	3.288	3.276	3.090	3.282	3.089	2.964	3.152	2.962	3.138	4.31
91)	C	isopropylbenzene	0.893	0.996	0.983	1.004	0.971	0.973	0.919	0.716	0.932	10.23
92)		bromobenzene	5.989	6.558	6.517	6.335	6.061	6.159	6.059	6.154	6.229	3.47
93)		2-chlorotoluene	2.534	2.696	2.686	2.669	2.600	2.629	2.573	2.451	2.605	3.22
94)		n-propylbenzene	2.594	3.015	2.963	2.928	2.830	2.878	2.913	2.968	2.886	4.54
95)		4-chlorotoluene	2.790	2.900	2.705	2.693	2.683	2.668	2.672	2.747	2.732	2.90
96)		4-ethyl toluene	0.855	0.956	0.963	1.008	0.967	0.949	0.913	0.745	0.919	9.11
97)		1,3,5-trimethylbenzene	7.389	7.987	8.181	7.955	7.694	7.831	7.741	6.355	7.642	7.46
98)		tert-butylbenzene	8.546	9.468	8.996	9.157	8.899	8.993	8.948	7.734	8.843	5.84
99)		1,2,4-trimethylbenzene	7.889	8.144	8.112	8.372	8.171	8.315	8.547	7.057	8.076	5.65
100)		decane	4.068	4.244	4.342	4.548	4.484	4.663	4.997	5.041	4.548	7.55
101)	C	Benzyl Chloride	5.854	6.418	6.656	7.079	6.885	7.398	8.016	7.074	6.923	9.36
102)		1,3-dichlorobenzene	5.881	6.501	6.418	6.288	5.922	5.995	6.125	5.747	6.110	4.42
103)	C	1,4-dichlorobenzene	6.335	6.529	6.239	6.194	5.991	6.183	6.127	5.794	6.174	3.55
104)		sec-butylbenzene	1.098	1.322	1.271	1.290	1.240	1.243	1.174	0.775	1.177	15.01
105)		1,2,3-trimethylbenzene	7.938	8.918	9.059	9.158	8.988	9.137	9.158	7.911	8.783	6.11
106)		p-isopropyltoluene	1.071	1.184	1.190	1.206	1.171	1.157	1.147	0.887	1.127	9.32
107)		1,2-dichlorobenzene	5.851	6.071	6.423	6.077	5.827	5.980	5.942	5.747	5.990	3.51
108)		n-butylbenzene	0.940	1.025	1.025	1.080	1.030	1.047	1.037	0.753	0.992	10.53

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2565378**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB26**	**Ical Ref**	**: ICAL22711**
Calibration dates	**: 10/02/25 20:54 10/03/25 01:23**		

Calibration Files
0.2 =R265855.D 0.5 =R265856.D 1.0 =R265857.D 5.0 =R265858.D 10 =R265859.D 20 =R265860.D
50 =R265861.D 100 =R265862.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
109)		indan	7.413	8.031	7.924	8.051	7.818	7.878	7.702	6.985	7.725	4.69
110)		indene	5.968	6.597	6.346	6.745	6.692	6.851	6.737	6.411	6.543	4.42
111)	C	1,2-dibromo-3-chloropr...	2.623	2.613	2.717	2.722	2.730	2.828	3.018	3.345	2.824	8.72
112)		undecane	4.622	4.954	4.944	5.789	5.855	5.810	5.987	5.737	5.462	9.70
113)		1,2,4,5-tetramethylben...	2.651	3.119	3.363	4.539	4.567	3.646	3.729	3.771	3.673	17.85
114)		dodecane	4.292	5.114	5.593	7.438	7.175	6.858	7.447	6.116	6.254	18.77
115)	C	1,2,4-trichlorobenzene	5.286	5.914	6.605	6.203	6.075	5.986	6.292	6.299	6.083	6.37
116)		naphthalene	1.199	1.452	1.456	1.564	1.541	1.452	1.330	0.843	1.354	17.52
117)		1,2,3-trichlorobenzene	4.797	5.868	6.226	7.006	6.422	6.214	6.680	6.408	6.203	10.65
118)		benzothiophene	0.855	1.040	1.143	1.441	1.419	1.077	1.089	0.733	1.100	22.25
119)	C	hexachlorobutadiene	4.109	4.514	4.635	4.730	4.621	4.536	4.782	4.444	4.546	4.59
120)		2-methylnaphthalene			0.282	5.370	5.547	0.426	0.469	0.505	2.100	123.99#
121)		1-methylnaphthalene			2.656	5.310	5.673	3.273	3.937	4.252	4.183	27.70

Response Factor Report Airlab26

Method Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Method File : TFS26_251002.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Oct 03 15:52:47 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R265855.D 0.5 =R265856.D 1.0 =R265857.D 5.0 =R265858.D 10 =R265859.D 20 =R265860.D
50 =R265861.D 100 =R265862.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoro...	0.637	1.156	0.696	0.533	0.871	0.555	0.839	0.710	0.750	27.16
3)		propylene		0.604	0.546	0.477	0.463	0.451	0.427	0.420	0.484	13.88
4)		propane		0.291	0.282	0.248	0.239	0.229	0.219	0.223	0.247	11.55
5)		dichlorodifluo...	2.417	2.610	2.629	2.431	2.329	2.376	2.242	2.136	2.396	7.02
6)	C	chloromethane	0.867	0.840	0.787	0.728	0.716	0.715	0.693	0.672	0.752	9.45
7)		Freon-114	2.822	2.827	2.863	2.653	2.612	2.675	2.606	2.474	2.691	5.01
8)	C	methanol			0.270	0.246	0.241	0.258	0.260	0.262	0.256	4.17
9)	C	vinyl chloride	0.998	0.976	1.009	0.904	0.902	0.910	0.871	0.859	0.929	6.21
10)	C	1,3-butadiene	0.614	0.648	0.625	0.601	0.599	0.601	0.580	0.579	0.606	3.82
11)		butane	1.337	1.142	1.114	1.055	1.039	1.062	1.032	1.042	1.103	9.27
12)	C	acetaldehyde			0.447	0.422	0.414	0.400	0.423	0.434	0.427	0.424	3.48
13)	C	bromomethane	0.999	1.014	1.038	0.944	0.904	0.926	0.887	0.956	0.958	5.63
14)	C	chloroethane	0.704	0.629	0.646	0.607	0.589	0.577	0.572	0.543	0.608	8.32
15)		ethanol			0.428	0.396	0.316	0.408	0.409	0.424	0.397	10.43
16)		dichlorofluoro...	1.896	1.706	2.068	1.809	1.344	1.697	1.443	1.317	1.660	16.30
17)	C	vinyl bromide	0.974	1.028	1.035	0.961	0.940	0.956	0.906	0.903	0.963	5.10
18)	C	acrolein			0.403	0.419	0.415	0.403	0.407	0.397	0.400	0.406	1.97
19)		acetone	1.331	1.321	1.291	1.212	1.194	1.229	1.185	0.926	1.211	10.60
20)	C	acetonitrile	0.816	0.664	0.731	0.627	0.616	0.630	0.623	0.635	0.668	10.56
21)		trichlorofluor...	2.774	2.883	2.924	2.704	2.644	2.755	2.709	2.623	2.752	3.87
22)		isopropyl alcohol	1.649	1.567	1.398	1.449	1.324	1.443	1.448	1.373	1.456	7.23
23)	C	acrylonitrile	0.898	0.855	0.800	0.782	0.768	0.794	0.759	0.748	0.800	6.39
24)		pentane	1.885	1.629	1.688	1.600	1.430	1.605	1.514	1.293	1.580	11.15
25)		ethyl ether	1.108	1.039	1.050	0.944	0.832	0.943	0.855	0.799	0.946	11.88
26)	C	1,1-dichloroet...	1.836	1.848	1.940	1.730	1.700	1.804	1.743	1.679	1.785	4.93
27)		tertiary butyl...		2.614	2.286	2.494	2.330	2.578	2.511	2.422	2.462	4.96
28)	C	methylene chlo...		1.383	1.308	1.164	1.148	1.197	1.145	1.108	1.208	8.32
29)	C	3-chloropropene	1.223	1.251	1.189	1.153	1.147	1.170	1.143	1.111	1.173	3.90
30)	C	carbon disulfide	3.198	3.173	3.136	3.318	3.002	3.229	2.895	2.886	3.105	5.13
31)		Freon 113	2.555	2.534	2.525	2.295	2.292	2.375	2.277	2.085	2.367	6.90

Method Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Method File : TFS26_251002.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Oct 03 15:52:47 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R265855.D 0.5 =R265856.D 1.0 =R265857.D 5.0 =R265858.D 10 =R265859.D 20 =R265860.D
50 =R265861.D 100 =R265862.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
32)		trans-1,2-dich...	1.675	1.636	1.723	1.657	1.611	1.639	1.585	1.515	1.630	3.82
33)	C	1,1-dichloroet...	2.106	2.281	2.269	2.141	2.074	2.156	2.062	1.962	2.131	5.01
34)	C	MTBE	3.109	3.311	3.260	3.154	3.109	3.163	3.051	2.902	3.132	4.01
35)	C	vinyl acetate			1.438	1.081	1.557	1.906	2.168	2.214	1.727	25.80
36)	C	2-butanone			1.302	1.558	1.533	1.569	1.530	1.495	1.607	1.514	6.57
37)		cis-1,2-dichlo...	1.059	1.149	1.144	1.127	1.108	1.161	1.132	1.114	1.124	2.80
38)		Ethyl Acetate			0.362	0.312	0.255	0.271	0.270	0.276	0.275	0.289	12.69
39)	C	chloroform	1.996	2.124	2.047	1.938	1.883	1.956	1.898	1.883	1.966	4.37
40)		Tetrahydrofuran			0.761	0.658	0.593	0.586	0.618	0.608	0.606	0.633	9.61
41)		2,2-dichloropr...	1.656	1.656	1.658	1.651	1.598	1.650	1.608	1.624	1.638	1.47
42)	C	1,2-dichloroet...	1.144	1.170	1.404	1.157	1.305	1.186	1.288	1.281	1.242	7.39
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.340	0.326	0.321	0.307	0.313	0.317	0.318	0.331	0.322	3.27
45)		diisopropyl ether	0.257	0.282	0.277	0.270	0.273	0.278	0.278	0.287	0.275	3.21
46)		tert-butyl eth...	0.819	0.798	0.792	0.758	0.788	0.811	0.781	0.788	0.792	2.34
47)	s	1,2-dichloroet...	0.083	0.077	0.089	0.084	0.079	0.082	0.086	0.085	0.083	4.71
48)	C	1,1,1-trichlor...	0.620	0.587	0.545	0.526	0.637	0.637	0.636	0.630	0.602	7.40
49)		1,1-dichloropr...	0.372	0.401	0.378	0.376	0.388	0.401	0.395	0.390	0.388	2.95
50)	C	benzene	0.798	0.848	0.792	0.749	0.758	0.781	0.749	0.751	0.778	4.45
51)		thiophene	0.601	0.659	0.633	0.813	0.828	0.648	0.627	0.638	0.681	12.91
52)	C	carbon tetrach...	0.550	0.599	0.570	0.549	0.551	0.560	0.550	0.556	0.560	3.03
53)		cyclohexane	0.297	0.304	0.342	0.317	0.320	0.319	0.320	0.323	0.318	4.18
54)		tert-amyl meth...	0.736	0.695	0.712	0.694	0.710	0.724	0.721	0.719	0.714	1.99
55)		dibromomethane	0.322	0.364	0.351	0.330	0.328	0.332	0.328	0.333	0.336	4.18
56)	C	1,2-dichloropr...	0.310	0.280	0.269	0.262	0.257	0.264	0.260	0.264	0.271	6.31
57)		bromodichlorom...	0.532	0.566	0.510	0.530	0.543	0.546	0.548	0.544	0.540	3.00
58)	C	1,4-dioxane	0.150	0.173	0.157	0.172	0.157	0.179	0.181	0.183	0.169	7.45
59)	C	trichloroethene	0.403	0.422	0.423	0.395	0.402	0.391	0.383	0.393	0.401	3.62
60)	C	2,2,4-trimethy...	1.061	1.005	1.030	1.009	1.010	1.030	1.011	0.981	1.017	2.32
61)		methyl methacr...			0.235	0.224	0.230	0.239	0.247	0.256	0.270	0.243	6.62
62)		heptane	0.321	0.307	0.296	0.289	0.290	0.295	0.298	0.311	0.301	3.75

Response Factor Report Airlab26

Method Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Method File : TFS26_251002.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Oct 03 15:52:47 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R265855.D 0.5 =R265856.D 1.0 =R265857.D 5.0 =R265858.D 10 =R265859.D 20 =R265860.D
50 =R265861.D 100 =R265862.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
63)	C	cis-1,3-dichlo...	0.400	0.407	0.420	0.408	0.411	0.423	0.427	0.432	0.416	2.69
64)	C	4-methyl-2-pen...		0.394	0.399	0.406	0.411	0.416	0.423	0.442	0.413	3.89
65)		trans-1,3-dich...	0.313	0.329	0.333	0.304	0.325	0.345	0.348	0.355	0.332	5.31
66)	C	1,1,2-trichlor...	0.363	0.356	0.353	0.339	0.348	0.347	0.343	0.346	0.349	2.27
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	6.836	7.171	7.012	6.772	6.505	6.669	6.273	5.668	6.613	7.16
69)	s	toluene-D8	5.906	6.057	5.843	5.999	5.734	5.634	5.470	5.336	5.747	4.43
70)		2-methylthiophene	5.844	6.549	6.127	8.422	7.970	5.939	5.726	5.220	6.475	17.49
71)		1,3-dichloropr...	3.358	3.369	3.239	3.262	3.118	3.189	3.050	2.892	3.185	5.06
72)		2-hexanone	2.489	2.494	2.615	2.786	2.786	2.759	2.775	2.753	2.682	4.85
73)		3-methylthiophene	5.985	6.516	6.510	8.500	8.150	6.160	5.782	5.348	6.619	16.97
74)		dibromochlorom...	3.523	3.853	3.507	3.828	3.758	3.829	3.802	3.663	3.720	3.76
75)	C	1,2-dibromoethane	3.553	3.868	3.745	3.646	3.567	3.616	3.506	3.312	3.602	4.58
76)		butyl acetate		0.866	0.788	0.862	0.837	0.865	0.843	0.812	0.839	3.50
77)		octane	2.130	1.906	2.108	2.134	2.114	2.173	2.084	2.090	2.092	3.84
78)	C	tetrachloroethene	4.127	3.672	3.396	3.409	3.312	3.305	3.119	3.039	3.422	10.03
79)		1,1,1,2-tetrac...	3.105	3.014	2.912	2.965	2.873	2.914	2.884	2.870	2.942	2.79
80)	C	chlorobenzene	5.844	5.753	5.856	5.691	5.362	5.456	5.353	5.128	5.555	4.82
81)	C	ethylbenzene	8.457	9.025	8.696	8.759	8.534	8.741	8.199	7.165	8.447	6.78
82)		2-ethylthiophene	0.641	0.768	0.738	1.011	0.989	0.740	0.705	0.629	0.778	18.72
83)	C	m+p-xylene	6.762	7.340	7.112	7.096	6.846	6.944	6.743	5.279	6.765	9.36
84)	C	bromoform	3.173	3.258	3.207	3.542	3.519	3.640	3.829	3.842	3.501	7.62
85)	C	styrene	4.864	4.890	5.007	5.220	5.149	5.372	5.133	4.789	5.053	3.96
86)	C	1,1,2,2-tetrac...	5.415	5.004	5.049	4.968	4.836	5.039	4.997	4.993	5.038	3.30
87)	C	o-xylene	6.845	6.905	7.125	6.945	6.686	6.768	6.568	6.436	6.785	3.24
88)		1,2,3-trichlor...	3.794	3.969	4.012	3.863	3.754	3.747	3.664	3.521	3.791	4.20
89)		nonane	2.852	3.111	3.026	3.144	3.145	3.240	3.236	3.340	3.137	4.76
90)	s	bromofluoroben...	3.288	3.276	3.090	3.282	3.089	2.964	3.152	2.962	3.138	4.31
91)	C	isopropylbenzene	0.893	0.996	0.983	1.004	0.971	0.973	0.919	0.716	0.932	10.23
92)		bromobenzene	5.989	6.558	6.517	6.335	6.061	6.159	6.059	6.154	6.229	3.47
93)		2-chlorotoluene	2.534	2.696	2.686	2.669	2.600	2.629	2.573	2.451	2.605	3.22

Method Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Method File : TFS26_251002.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Oct 03 15:52:47 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R265855.D 0.5 =R265856.D 1.0 =R265857.D 5.0 =R265858.D 10 =R265859.D 20 =R265860.D
50 =R265861.D 100 =R265862.D

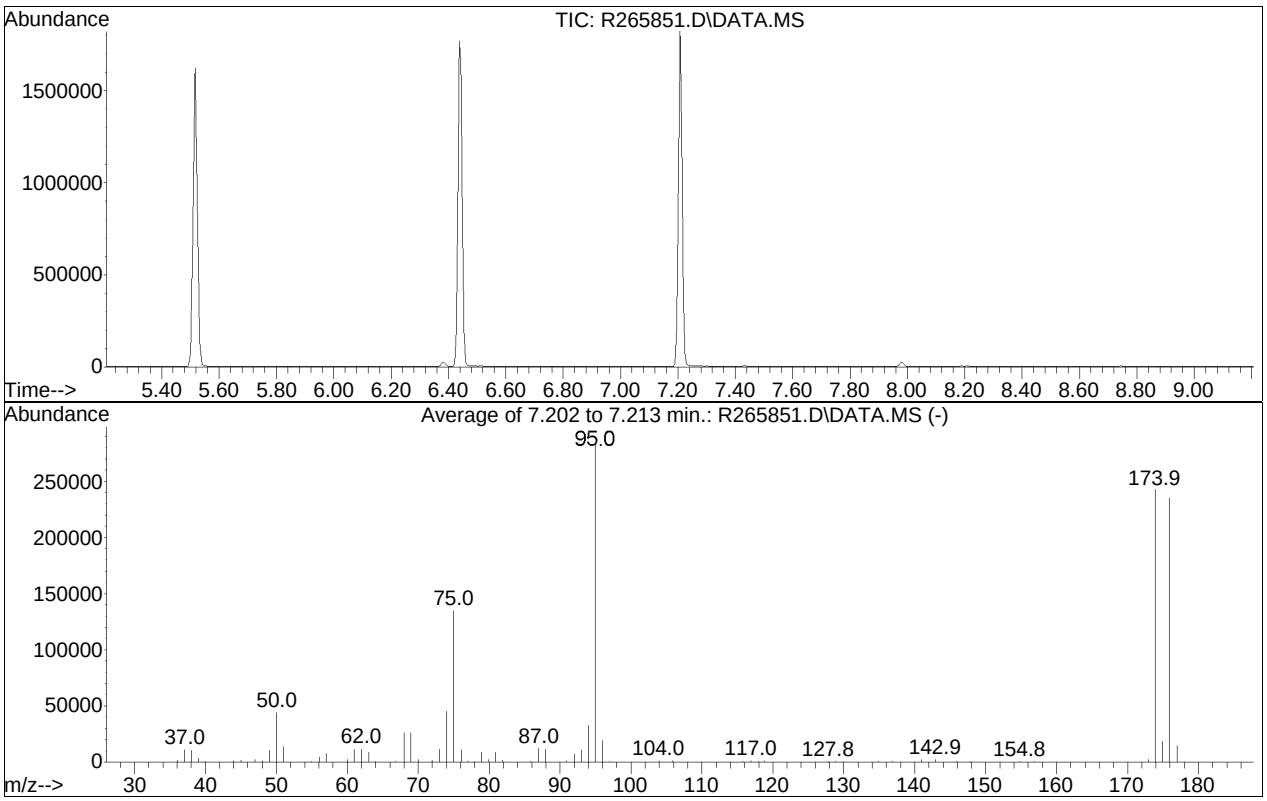
		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
94)		n-propylbenzene	2.594	3.015	2.963	2.928	2.830	2.878	2.913	2.968	2.886	4.54
95)		4-chlorotoluene	2.790	2.900	2.705	2.693	2.683	2.668	2.672	2.747	2.732	2.90
96)		4-ethyl toluene	0.855	0.956	0.963	1.008	0.967	0.949	0.913	0.745	0.919	9.11
97)		1,3,5-trimethy...	7.389	7.987	8.181	7.955	7.694	7.831	7.741	6.355	7.642	7.46
98)		tert-butylbenzene	8.546	9.468	8.996	9.157	8.899	8.993	8.948	7.734	8.843	5.84
99)		1,2,4-trimethy...	7.889	8.144	8.112	8.372	8.171	8.315	8.547	7.057	8.076	5.65
100)		decane	4.068	4.244	4.342	4.548	4.484	4.663	4.997	5.041	4.548	7.55
101)	C	Benzyl Chloride	5.854	6.418	6.656	7.079	6.885	7.398	8.016	7.074	6.923	9.36
102)		1,3-dichlorobe...	5.881	6.501	6.418	6.288	5.922	5.995	6.125	5.747	6.110	4.42
103)	C	1,4-dichlorobe...	6.335	6.529	6.239	6.194	5.991	6.183	6.127	5.794	6.174	3.55
104)		sec-butylbenzene	1.098	1.322	1.271	1.290	1.240	1.243	1.174	0.775	1.177	15.01
105)		1,2,3-trimethy...	7.938	8.918	9.059	9.158	8.988	9.137	9.158	7.911	8.783	6.11
106)		p-isopropyltol...	1.071	1.184	1.190	1.206	1.171	1.157	1.147	0.887	1.127	9.32
107)		1,2-dichlorobe...	5.851	6.071	6.423	6.077	5.827	5.980	5.942	5.747	5.990	3.51
108)		n-butylbenzene	0.940	1.025	1.025	1.080	1.030	1.047	1.037	0.753	0.992	10.53
109)		indan	7.413	8.031	7.924	8.051	7.818	7.878	7.702	6.985	7.725	4.69
110)		indene	5.968	6.597	6.346	6.745	6.692	6.851	6.737	6.411	6.543	4.42
111)	C	1,2-dibromo-3-...	2.623	2.613	2.717	2.722	2.730	2.828	3.018	3.345	2.824	8.72
112)		undecane	4.622	4.954	4.944	5.789	5.855	5.810	5.987	5.737	5.462	9.70
113)		1,2,4,5-tetram...	2.651	3.119	3.363	4.539	4.567	3.646	3.729	3.771	3.673	17.85
114)		dodecane	4.292	5.114	5.593	7.438	7.175	6.858	7.447	6.116	6.254	18.77
115)	C	1,2,4-trichlor...	5.286	5.914	6.605	6.203	6.075	5.986	6.292	6.299	6.083	6.37
116)		naphthalene	1.199	1.452	1.456	1.564	1.541	1.452	1.330	0.843	1.354	17.52
117)		1,2,3-trichlor...	4.797	5.868	6.226	7.006	6.422	6.214	6.680	6.408	6.203	10.65
118)		benzothiophene	0.855	1.040	1.143	1.441	1.419	1.077	1.089	0.733	1.100	22.25
119)	C	hexachlorobuta...	4.109	4.514	4.635	4.730	4.621	4.536	4.782	4.444	4.546	4.59
120)		2-methylnaphth...			0.282	5.370	5.547	0.426	0.469	0.505	2.100	123.99#
121)		1-methylnaphth...			2.656	5.310	5.673	3.273	3.937	4.252	4.183	27.70

(#) = Out of Range

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265851.D
Acq On : 02 Oct 2025 06:39 pm
Operator : AIRLAB26:RAY
Sample : WG2123676-1,3,250,250
Misc : WG2123676
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Oct 03 15:52:47 2025



Spectrum Information: Average of 7.202 to 7.213 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	15.6	44269	PASS
75	95	30	66	47.4	134803	PASS
95	95	100	100	100.0	284416	PASS
96	95	5	9	6.7	18918	PASS
173	174	0.00	2	1.0	2305	PASS
174	95	50	120	85.3	242539	PASS
175	174	4	9	7.6	18436	PASS
176	174	93	101	97.0	235179	PASS
177	176	5	9	6.4	14986	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265855.D
Acq On : 02 Oct 2025 08:54 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.2
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 06:21:58 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	204598	10.000	ppbV	0.00
Standard Area = 205254			Recovery = 99.68%			
43) 1,4-difluorobenzene	4.317	114	738859	10.000	ppbV	0.00
Standard Area = 750079			Recovery = 98.50%			
67) chlorobenzene-D5	6.438	54	107699	10.000	ppbV	0.00
Standard Area = 112061			Recovery = 96.11%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.766	65	61561	10.606	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.06%			
69) toluene-D8	5.517	98	636019	10.299	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.99%			
90) bromofluorobenzene	7.207	95	354062	10.642	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.42%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.920	51	2607M6	0.146	ppbV	
3) propylene	1.931	41	2363	0.249	ppbV #	80
4) propane	1.942	29	1214M4	0.249	ppbV	
5) dichlorodifluoromethane	1.953	85	9891	0.208	ppbV	99
6) chloromethane	1.997	50	3546	0.242	ppbV	91
7) Freon-114	2.030	85	11546	0.216	ppbV	99
8) methanol	2.046	31	5851	1.187	ppbV #	7
9) vinyl chloride	2.063	62	4082	0.221	ppbV	99
10) 1,3-butadiene	2.101	54	2514	0.205	ppbV #	61
11) butane	2.118	43	5470	0.257	ppbV #	89
12) acetaldehyde	2.030	29	9819	1.199	ppbV #	59
13) bromomethane	2.178	94	4086	0.221	ppbV	95
14) chloroethane	2.228	64	2880	0.239	ppbV #	82
15) ethanol	2.255	31	10294	1.594	ppbV	97
16) dichlorofluoromethane	2.250	67	7759	0.282	ppbV	96
17) vinyl bromide	2.329	106	3984	0.207	ppbV	99
18) acrolein	2.363	56	1866	0.226	ppbV #	84
19) acetone	2.403	43	27238	1.115	ppbV #	99
20) acetonitrile	2.323	41	3339M3	0.265	ppbV	
21) trichlorofluoromethane	2.448	101	11351	0.210	ppbV	99
22) isopropyl alcohol	2.471	45	16865	0.623	ppbV #	95
23) acrylonitrile	2.527	53	3673	0.234	ppbV	89
24) pentane	2.549	43	7715	0.264	ppbV	96

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265855.D
Acq On : 02 Oct 2025 08:54 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.2
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 06:21:58 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	2.559	31	4532	0.266	ppbV	#	82
26) 1,1-dichloroethene	2.625	61	7511	0.216	ppbV		97
27) tertiary butyl alcohol	2.645	59	9850	0.207	ppbV	#	86
28) methylene chloride	2.659	49	5749	0.245	ppbV		98
29) 3-chloropropene	2.697	41	5005	0.213	ppbV	#	88
30) carbon disulfide	2.750	76	13086	0.213	ppbV	#	7
31) Freon 113	2.750	101	10453	0.223	ppbV		91
32) trans-1,2-dichloroethene	2.968	61	6856	0.208	ppbV		99
33) 1,1-dichloroethane	3.039	63	8617	0.203	ppbV		91
34) MTBE	3.078	73	12721	0.200	ppbV		95
35) vinyl acetate	3.105	43	7444	0.234	ppbV	#	90
36) 2-butanone	3.207	43	6504	0.203	ppbV	#	82
37) cis-1,2-dichloroethene	3.369	61	4335	0.191	ppbV		95
38) Ethyl Acetate	3.496	61	1844	0.333	ppbV	#	1
39) chloroform	3.489	83	8168	0.212	ppbV		98
40) Tetrahydrofuran	3.690	42	2792	0.233	ppbV	#	86
41) 2,2-dichloropropane	3.504	77	6777	0.207	ppbV	#	89
42) 1,2-dichloroethane	3.807	62	4683	0.175	ppbV		93
44) hexane	3.474	57	5023	0.217	ppbV	#	14
45) diisopropyl ether	3.481	87	3803	0.188	ppbV		80
46) tert-butyl ethyl ether	3.713	59	12097	0.208	ppbV	#	88
48) 1,1,1-trichloroethane	3.921	97	9164	0.195	ppbV		95
49) 1,1-dichloropropene	4.072	75	5499	0.192	ppbV	#	85
50) benzene	4.129	78	11799	0.211	ppbV	#	90
51) thiophene	4.185	84	8884	0.145	ppbV		93
52) carbon tetrachloride	4.204	117	8126	0.200	ppbV		99
53) cyclohexane	4.261	56	4390	0.186	ppbV	#	77
54) tert-amyl methyl ether	4.449	73	10870	0.207	ppbV		94
55) dibromomethane	4.496	93	4761	0.196	ppbV		94
56) 1,2-dichloropropane	4.524	63	4576	0.241	ppbV	#	83
57) bromodichloromethane	4.609	83	7862	0.196	ppbV	#	92
58) 1,4-dioxane	4.675	88	2219M2	0.191	ppbV		
59) trichloroethene	4.647	130	5956	0.200	ppbV		90
60) 2,2,4-trimethylpentane	4.685	57	15685	0.210	ppbV		97
61) methyl methacrylate	4.788	41	3457	0.196	ppbV		85
62) heptane	4.826	43	4747	0.222	ppbV	#	94
63) cis-1,3-dichloropropene	5.078	75	5909	0.194	ppbV	#	70
64) 4-methyl-2-pentanone	5.134	43	5766	0.190	ppbV		93
65) trans-1,3-dichloropropene	5.357	75	4624	0.193	ppbV	#	90
66) 1,1,2-trichloroethane	5.429	97	5371	0.209	ppbV		97

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265855.D
Acq On : 02 Oct 2025 08:54 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.2
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 06:21:58 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.565	91	14725	0.210	ppbV		99
70) 2-methylthiophene	5.596	97	12587	0.147	ppbV		95
71) 1,3-dichloropropane	5.581	76	7234	0.215	ppbV	#	93
72) 2-hexanone	5.756	43	5361	0.179	ppbV		88
73) 3-methylthiophene	5.684	97	12891	0.147	ppbV		90
74) dibromochloromethane	5.764	129	7589	0.187	ppbV		92
75) 1,2-dibromoethane	5.884	107	7653	0.199	ppbV		95
76) butyl acetate	6.091	73	1606	0.178	ppbV	#	72
77) octane	6.123	85	4588	0.201	ppbV	#	97
78) tetrachloroethene	6.131	166	8890	0.249	ppbV		92
79) 1,1,1,2-tetrachloroethane	6.460	131	6689	0.216	ppbV		86
80) chlorobenzene	6.460	112	12587	0.218	ppbV		96
81) ethylbenzene	6.667	91	18217	0.198	ppbV		97
82) 2-ethylthiophene	6.683	97	13813	0.130	ppbV		94
83) m+p-xylene	6.760	91	29129	0.395	ppbV		97
84) bromoform	6.754	173	6834	0.180	ppbV		95
85) styrene	6.934	104	10476	0.189	ppbV		95
86) 1,1,2,2-tetrachloroethane	6.980	83	11664	0.224	ppbV		94
87) o-xylene	6.986	91	14744	0.205	ppbV		91
88) 1,2,3-trichloropropane	7.044	75	8173	0.202	ppbV	#	86
89) nonane	7.149	43	6143	0.181	ppbV		94
91) isopropylbenzene	7.295	105	19231	0.184	ppbV		100
92) bromobenzene	7.300	77	12901	0.198	ppbV		89
93) 2-chlorotoluene	7.515	126	5458	0.195	ppbV		86
94) n-propylbenzene	7.555	120	5587	0.183	ppbV		78
95) 4-chlorotoluene	7.563	126	6010	0.208	ppbV		74
96) 4-ethyl toluene	7.643	105	18408	0.177	ppbV		99
97) 1,3,5-trimethylbenzene	7.683	105	15916	0.192	ppbV		93
98) tert-butylbenzene	7.890	119	18407	0.192	ppbV		98
99) 1,2,4-trimethylbenzene	7.898	105	16993	0.193	ppbV	#	81
100) decane	8.002	57	8763	0.181	ppbV		97
101) Benzyl Chloride	7.954	91	12610	0.170	ppbV	#	90
102) 1,3-dichlorobenzene	7.962	146	12668	0.199	ppbV		93
103) 1,4-dichlorobenzene	7.994	146	13645M3	0.211	ppbV		
104) sec-butylbenzene	8.050	105	23658	0.177	ppbV		96
105) 1,2,3-trimethylbenzene	8.122	105	17099	0.177	ppbV		94
106) p-isopropyltoluene	8.146	119	23060	0.183	ppbV		96
107) 1,2-dichlorobenzene	8.185	146	12603	0.201	ppbV	#	90
108) n-butylbenzene	8.385	91	20250	0.183	ppbV		95
109) indan	8.225	117	15967	0.190	ppbV		96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265855.D
Acq On : 02 Oct 2025 08:54 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.2
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 06:21:58 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

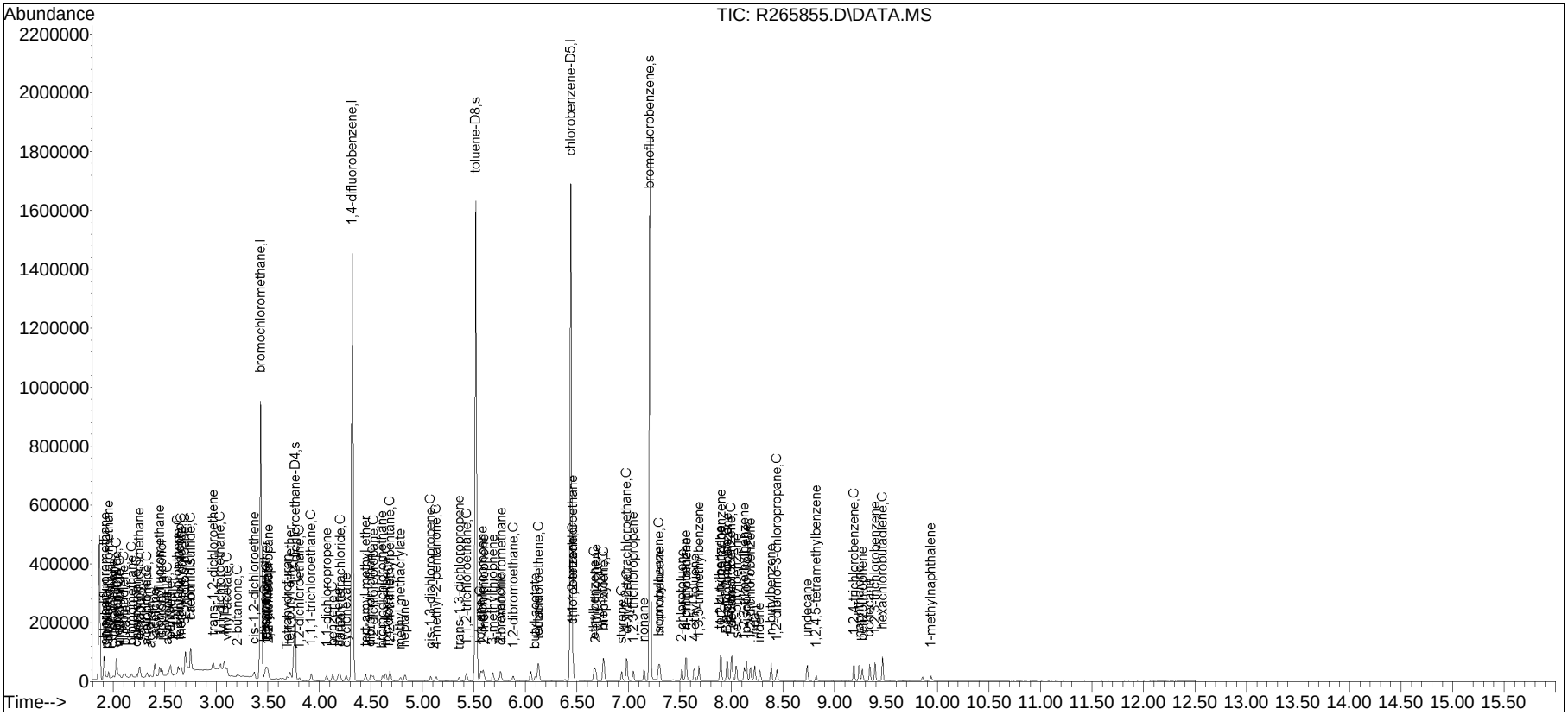
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.273	115	12856	0.178	ppbV #	91
111) 1,2-dibromo-3-chloropr...	8.441	75	5649	0.192	ppbV #	93
112) undecane	8.736	57	9956	0.158	ppbV	92
113) 1,2,4,5-tetramethylben...	8.824	119	5711	0.116	ppbV #	89
114) dodecane	9.341	57	9244	0.120	ppbV #	76
115) 1,2,4-trichlorobenzene	9.189	180	11385	0.174	ppbV	91
116) naphthalene	9.241	128	25820	0.156	ppbV	100
117) 1,2,3-trichlorobenzene	9.393	180	10332	0.149	ppbV #	93
118) benzothiophene	9.271	134	18422	0.121	ppbV #	97
119) hexachlorobutadiene	9.464	225	8851	0.178	ppbV #	94
120) 2-methylnaphthalene	9.855		0	N.D.		
121) 1-methylnaphthalene	9.937	142	4705M3	0.077	ppbV	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed0\1002T_I\R265859.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265855.D
Acq On : 02 Oct 2025 08:54 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.2
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

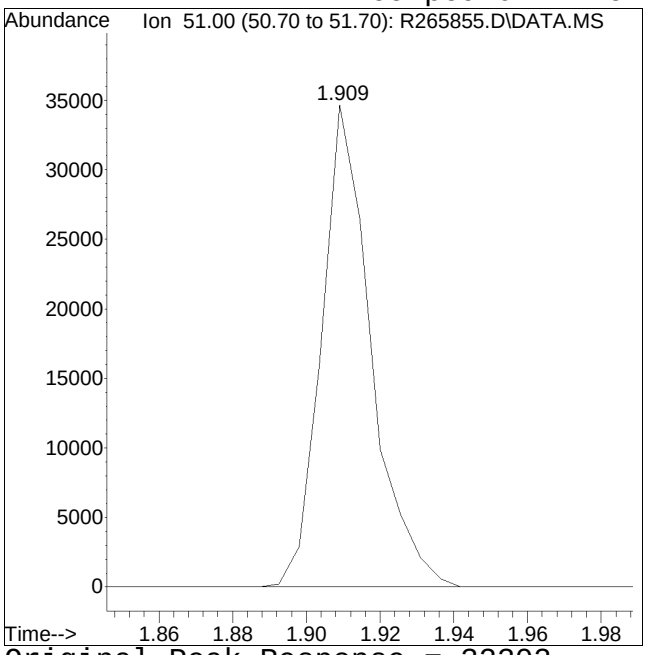
Quant Time: Oct 03 06:21:58 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration



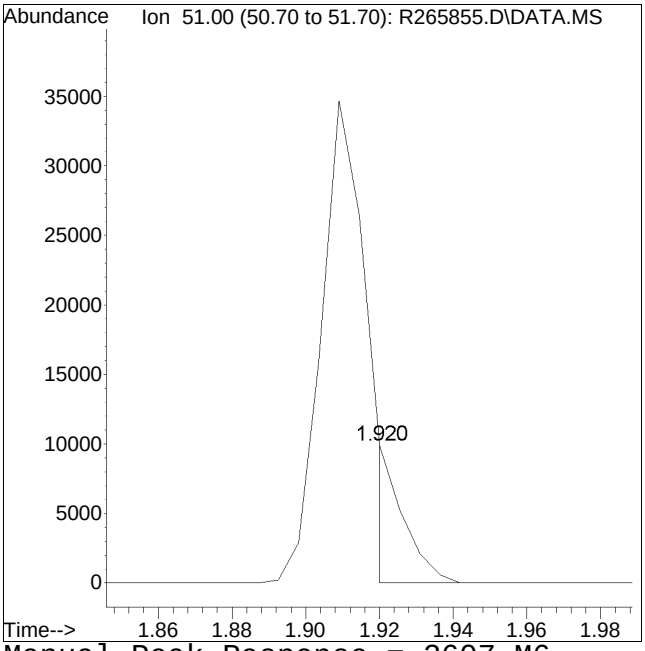
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265855.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 8:54 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 10/3/2025 6:21 am

Compound #2: chlorodifluoromethane



Original Peak Response = 32302



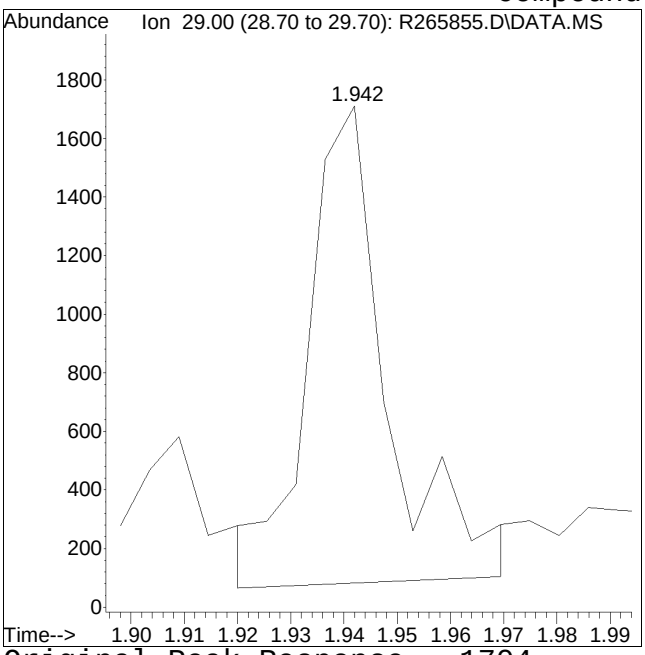
Manual Peak Response = 2607 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

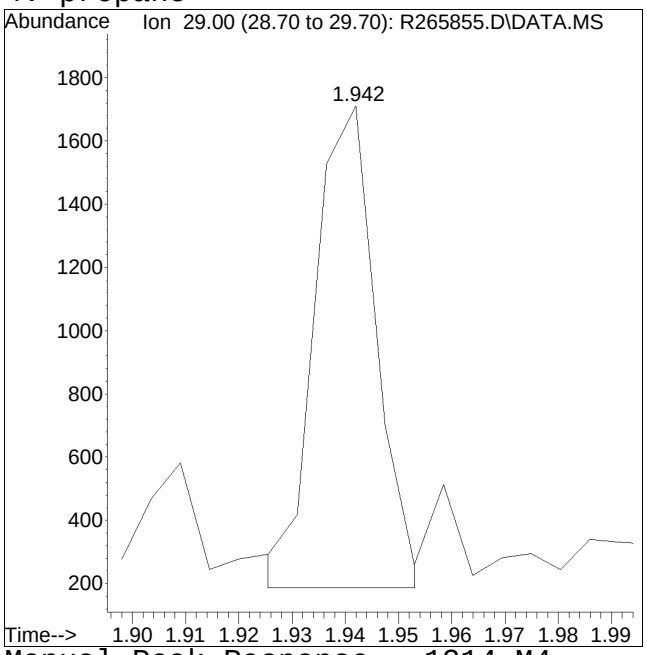
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265855.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 8:54 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 10/3/2025 6:21 am

Compound #4: propane



Original Peak Response = 1704



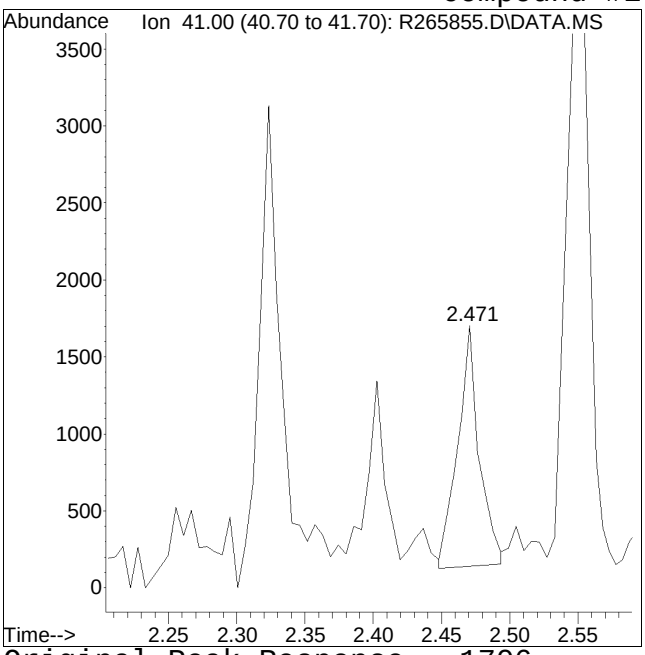
Manual Peak Response = 1214 M4

M4 = Poor automated baseline construction.

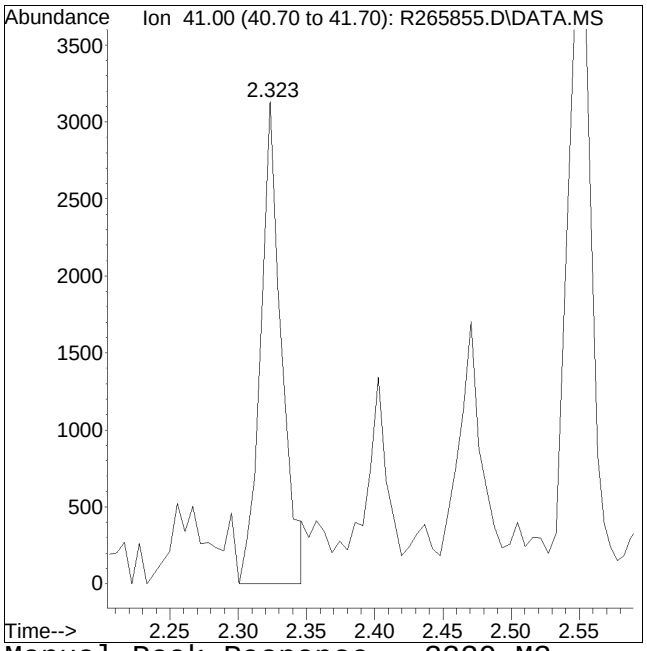
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265855.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 8:54 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 10/3/2025 6:21 am

Compound #20: acetonitrile



Original Peak Response = 1706



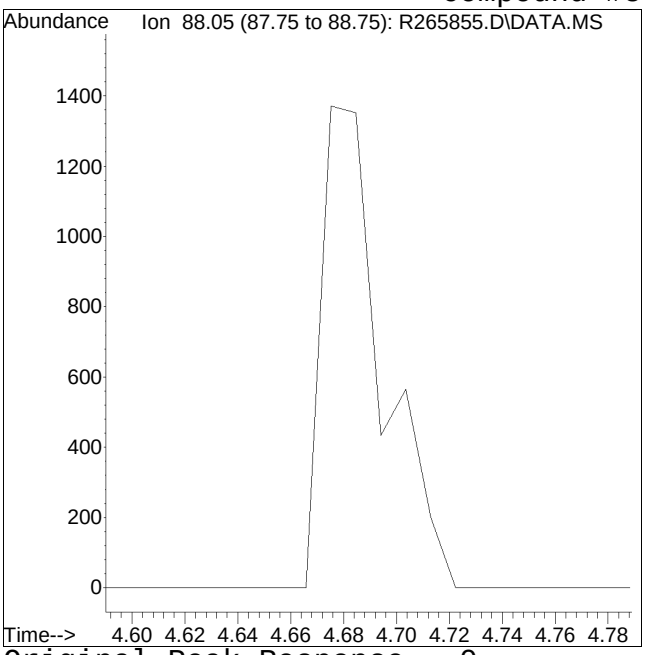
Manual Peak Response = 3339 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

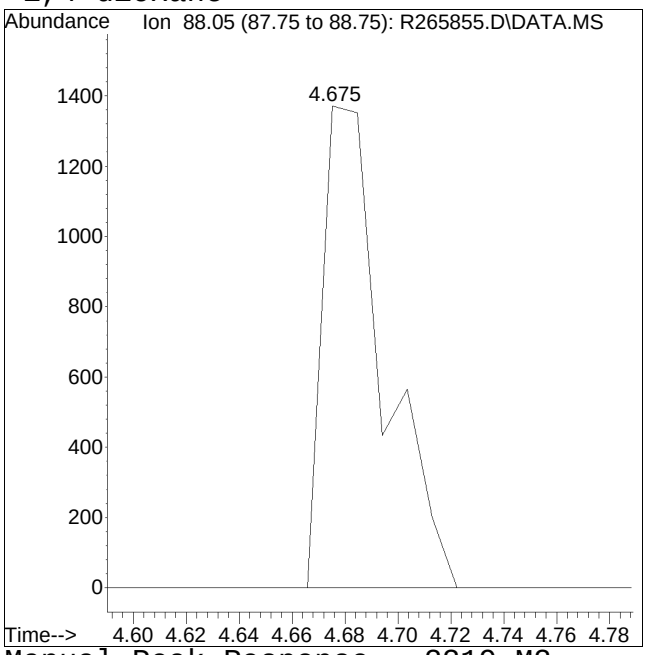
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265855.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 8:54 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 10/3/2025 6:21 am

Compound #58: 1,4-dioxane



Original Peak Response = 0



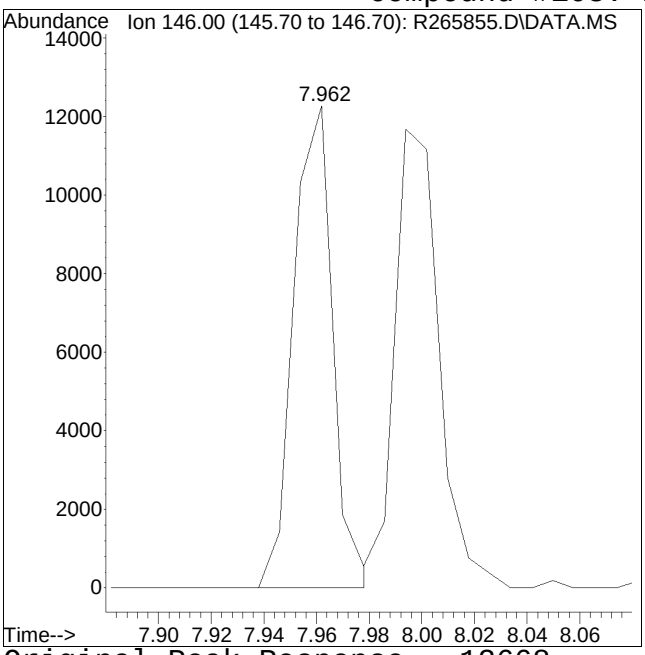
Manual Peak Response = 2219 M2

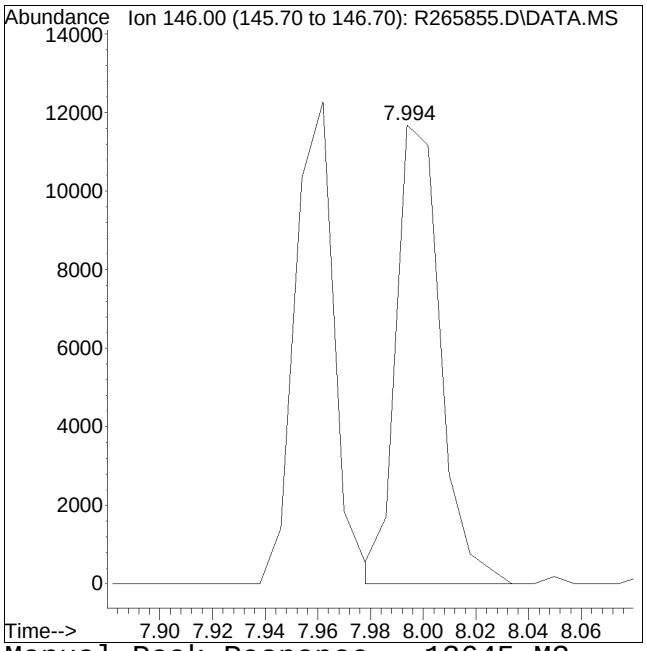
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265855.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 8:54 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 10/3/2025 6:21 am

Compound #103: 1,4-dichlorobenzene





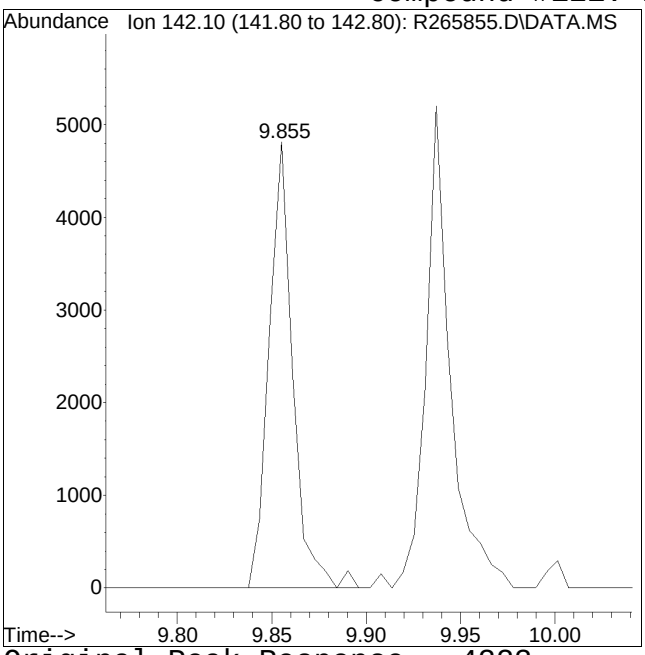
Original Peak Response = 12668 Manual Peak Response = 13645 M3

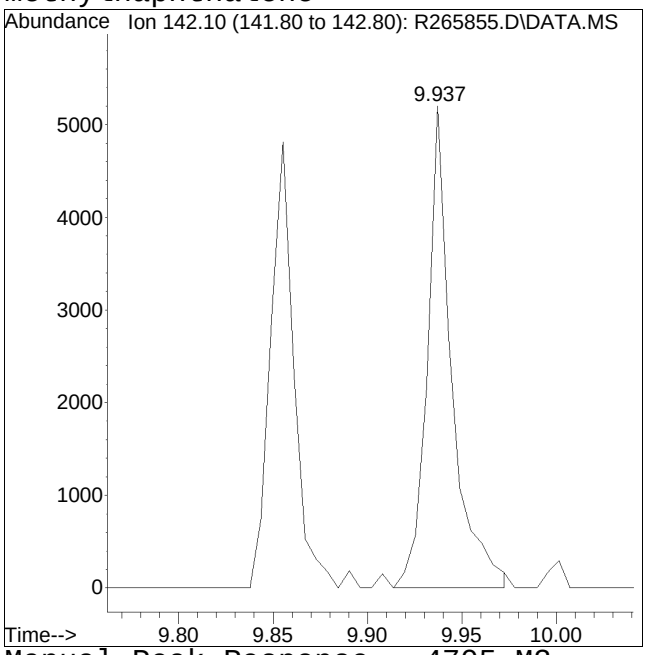
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265855.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 8:54 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 10/3/2025 6:21 am

Compound #121: 1-methylnaphthalene





Original Peak Response = 4223 Manual Peak Response = 4705 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265856.D
Acq On : 02 Oct 2025 09:32 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.5
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 06:22:08 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	200584	10.000	ppbV	0.00
Standard Area = 205254			Recovery = 97.72%			
43) 1,4-difluorobenzene	4.317	114	727615	10.000	ppbV	0.00
Standard Area = 750079			Recovery = 97.01%			
67) chlorobenzene-D5	6.438	54	105016	10.000	ppbV	0.00
Standard Area = 112061			Recovery = 93.71%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.766	65	56069	9.809	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.09%			
69) toluene-D8	5.517	98	636087	10.563	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.63%			
90) bromofluorobenzene	7.207	95	344027	10.604	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.04%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.915	51	11598M6	0.664	ppbV	
3) propylene	1.931	41	6055	0.652	ppbV	91
4) propane	1.937	29	2922	0.611	ppbV	93
5) dichlorodifluoromethane	1.953	85	26181M3	0.561	ppbV	
6) chloromethane	1.997	50	8427	0.586	ppbV	97
7) Freon-114	2.024	85	28348	0.541	ppbV	99
8) methanol	2.041	31	13538	2.802	ppbV #	50
9) vinyl chloride	2.057	62	9793	0.541	ppbV	96
10) 1,3-butadiene	2.096	54	6502	0.541	ppbV	98
11) butane	2.112	43	11450	0.549	ppbV	97
12) acetaldehyde	2.035	29	22435	2.794	ppbV #	90
13) bromomethane	2.173	94	10169	0.561	ppbV	91
14) chloroethane	2.222	64	6304	0.534	ppbV	93
15) ethanol	2.255	31	25176	3.976	ppbV	99
16) dichlorofluoromethane	2.250	67	17106	0.634	ppbV	92
17) vinyl bromide	2.323	106	10306	0.546	ppbV	97
18) acrolein	2.363	56	4043	0.500	ppbV #	85
19) acetone	2.397	43	66249	2.766	ppbV	99
20) acetonitrile	2.323	41	6664	0.539	ppbV #	83
21) trichlorofluoromethane	2.448	101	28910	0.545	ppbV	99
22) isopropyl alcohol	2.465	45	39289	1.480	ppbV	99
23) acrylonitrile	2.527	53	8570	0.556	ppbV #	88
24) pentane	2.549	43	16334	0.570	ppbV #	94

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265856.D
Acq On : 02 Oct 2025 09:32 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.5
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 06:22:08 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	2.554	31	10424	0.625	ppbV	95
26) 1,1-dichloroethene	2.626	61	18537	0.544	ppbV	96
27) tertiary butyl alcohol	2.645	59	26212	0.561	ppbV	94
28) methylene chloride	2.659	49	13875	0.603	ppbV	94
29) 3-chloropropene	2.697	41	12547	0.545	ppbV	96
30) carbon disulfide	2.750	76	31824	0.528	ppbV #	62
31) Freon 113	2.750	101	25417	0.553	ppbV	96
32) trans-1,2-dichloroethene	2.968	61	16404	0.508	ppbV	95
33) 1,1-dichloroethane	3.039	63	22879	0.550	ppbV	99
34) MTBE	3.074	73	33203	0.532	ppbV	97
35) vinyl acetate	3.105	43	20092	0.643	ppbV	99
36) 2-butanone	3.202	43	13062	0.415	ppbV	92
37) cis-1,2-dichloroethene	3.362	61	11523	0.518	ppbV	99
38) Ethyl Acetate	3.496	61	3629M6	0.669	ppbV	
39) chloroform	3.489	83	21299	0.564	ppbV	98
40) Tetrahydrofuran	3.676	42	7628	0.649	ppbV #	88
41) 2,2-dichloropropane	3.504	77	16609	0.518	ppbV	94
42) 1,2-dichloroethane	3.807	62	11731	0.448	ppbV #	88
44) hexane	3.474	57	11869	0.522	ppbV #	33
45) diisopropyl ether	3.481	87	10266	0.516	ppbV #	65
46) tert-butyl ethyl ether	3.713	59	29035	0.506	ppbV	98
48) 1,1,1-trichloroethane	3.921	97	21372	0.461	ppbV	98
49) 1,1-dichloropropene	4.072	75	14603	0.518	ppbV	93
50) benzene	4.129	78	30857	0.559	ppbV #	91
51) thiophene	4.185	84	23973	0.398	ppbV	95
52) carbon tetrachloride	4.195	117	21776	0.543	ppbV	98
53) cyclohexane	4.261	56	11055	0.475	ppbV	92
54) tert-amyl methyl ether	4.449	73	25280	0.490	ppbV	94
55) dibromomethane	4.496	93	13251	0.555	ppbV	96
56) 1,2-dichloropropane	4.525	63	10182	0.544	ppbV #	90
57) bromodichloromethane	4.609	83	20598	0.522	ppbV	95
58) 1,4-dioxane	4.666	88	6286	0.550	ppbV	97
59) trichloroethene	4.638	130	15352	0.525	ppbV	96
60) 2,2,4-trimethylpentane	4.685	57	36580	0.498	ppbV	99
61) methyl methacrylate	4.779	41	8533	0.490	ppbV	98
62) heptane	4.826	43	11163	0.530	ppbV	89
63) cis-1,3-dichloropropene	5.078	75	14805	0.495	ppbV #	87
64) 4-methyl-2-pentanone	5.126	43	14321	0.478	ppbV	94
65) trans-1,3-dichloropropene	5.349	75	11952	0.506	ppbV #	83
66) 1,1,2-trichloroethane	5.429	97	12960	0.512	ppbV	94

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265856.D
Acq On : 02 Oct 2025 09:32 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.5
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 06:22:08 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.565	91	37654	0.551	ppbV		96
70) 2-methylthiophene	5.597	97	34388	0.411	ppbV		95
71) 1,3-dichloropropane	5.581	76	17692	0.540	ppbV		98
72) 2-hexanone	5.740	43	13095	0.448	ppbV		98
73) 3-methylthiophene	5.684	97	34215	0.400	ppbV		97
74) dibromochloromethane	5.756	129	20231	0.513	ppbV		98
75) 1,2-dibromoethane	5.876	107	20312	0.542	ppbV		96
76) butyl acetate	6.091	73	4545	0.517	ppbV	#	56
77) octane	6.115	85	10009	0.451	ppbV	#	82
78) tetrachloroethene	6.131	166	19280	0.554	ppbV	#	92
79) 1,1,1,2-tetrachloroethane	6.460	131	15824	0.524	ppbV		93
80) chlorobenzene	6.460	112	30207	0.536	ppbV		97
81) ethylbenzene	6.667	91	47386	0.529	ppbV		98
82) 2-ethylthiophene	6.684	97	40306	0.388	ppbV		100
83) m+p-xylene	6.760	91	77082	1.072	ppbV		99
84) bromoform	6.754	173	17105	0.463	ppbV		96
85) styrene	6.934	104	25676	0.475	ppbV		95
86) 1,1,2,2-tetrachloroethane	6.980	83	26274	0.517	ppbV		98
87) o-xylene	6.986	91	36256	0.516	ppbV		99
88) 1,2,3-trichloropropane	7.044	75	20839	0.529	ppbV		97
89) nonane	7.149	43	16334	0.495	ppbV		93
91) isopropylbenzene	7.289	105	52281	0.512	ppbV		98
92) bromobenzene	7.306	77	34434	0.541	ppbV		98
93) 2-chlorotoluene	7.515	126	14155	0.518	ppbV		95
94) n-propylbenzene	7.555	120	15833	0.533	ppbV		99
95) 4-chlorotoluene	7.555	126	15225	0.540	ppbV		65
96) 4-ethyl toluene	7.635	105	50218	0.494	ppbV		98
97) 1,3,5-trimethylbenzene	7.683	105	41936	0.519	ppbV		96
98) tert-butylbenzene	7.890	119	49717	0.532	ppbV		96
99) 1,2,4-trimethylbenzene	7.898	105	42762	0.498	ppbV	#	78
100) decane	8.002	57	22285	0.473	ppbV		99
101) Benzyl Chloride	7.954	91	33699	0.466	ppbV		99
102) 1,3-dichlorobenzene	7.954	146	34133	0.549	ppbV		100
103) 1,4-dichlorobenzene	7.994	146	34283	0.545	ppbV		96
104) sec-butylbenzene	8.042	105	69395	0.533	ppbV		96
105) 1,2,3-trimethylbenzene	8.122	105	46826	0.496	ppbV		95
106) p-isopropyltoluene	8.146	119	62167	0.506	ppbV		94
107) 1,2-dichlorobenzene	8.185	146	31876	0.521	ppbV		92
108) n-butylbenzene	8.385	91	53795	0.497	ppbV		99
109) indan	8.225	117	42171	0.514	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265856.D
Acq On : 02 Oct 2025 09:32 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.5
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 06:22:08 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

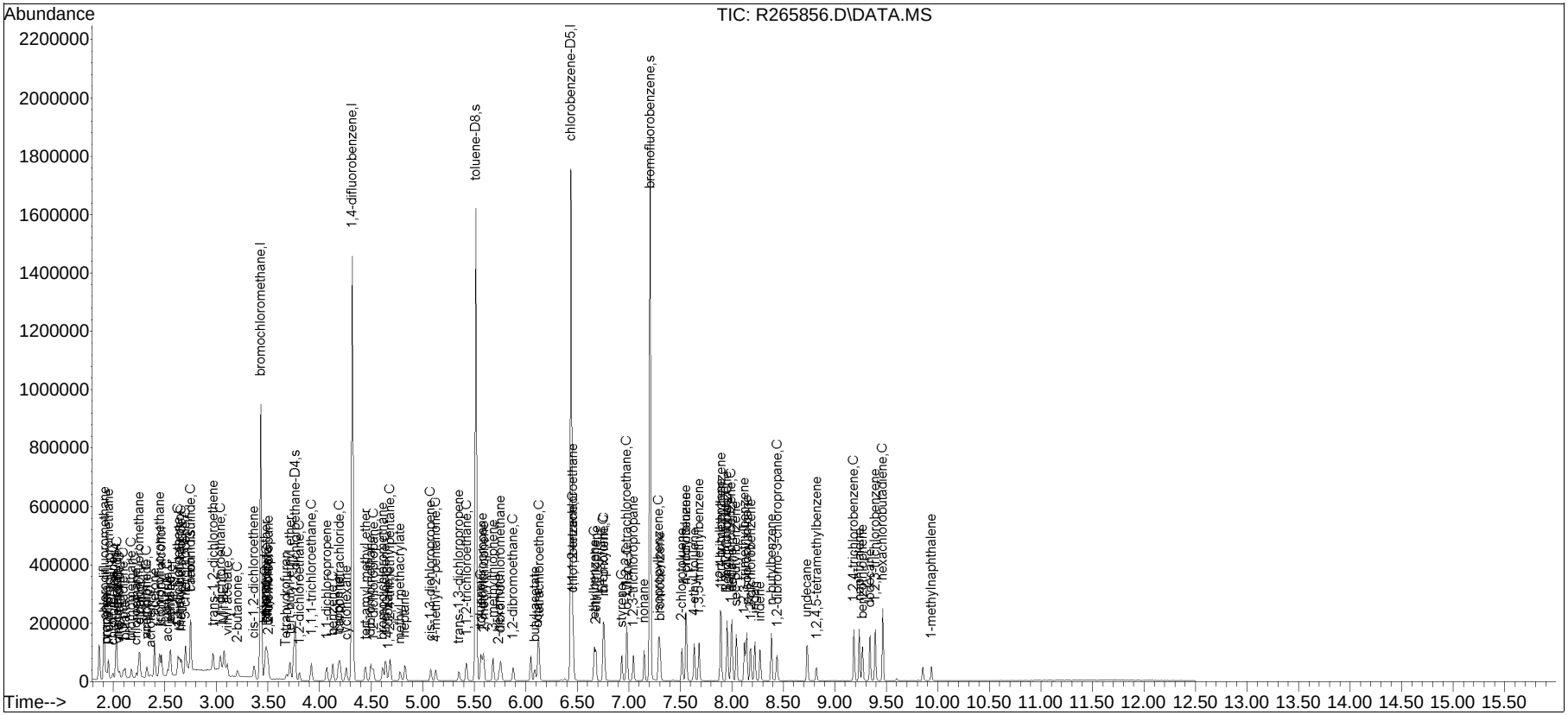
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.273	115	34641	0.493	ppbV	96
111) 1,2-dibromo-3-chloropr...	8.441	75	13721	0.479	ppbV	96
112) undecane	8.728	57	26012	0.423	ppbV #	92
113) 1,2,4,5-tetramethylben...	8.824	119	16378	0.341	ppbV	99
114) dodecane	9.341	57	26853	0.356	ppbV	94
115) 1,2,4-trichlorobenzene	9.183	180	31054	0.487	ppbV	95
116) naphthalene	9.236	128	76222	0.471	ppbV	99
117) 1,2,3-trichlorobenzene	9.394	180	30812	0.457	ppbV	97
118) benzothiophene	9.271	134	54618	0.366	ppbV #	97
119) hexachlorobutadiene	9.464	225	23701	0.488	ppbV #	91
120) 2-methylnaphthalene	9.855		0	N.D.		
121) 1-methylnaphthalene	9.937	142	12595	0.211	ppbV	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed0\1002T_I\R265859.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265856.D
Acq On : 02 Oct 2025 09:32 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD0.5
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

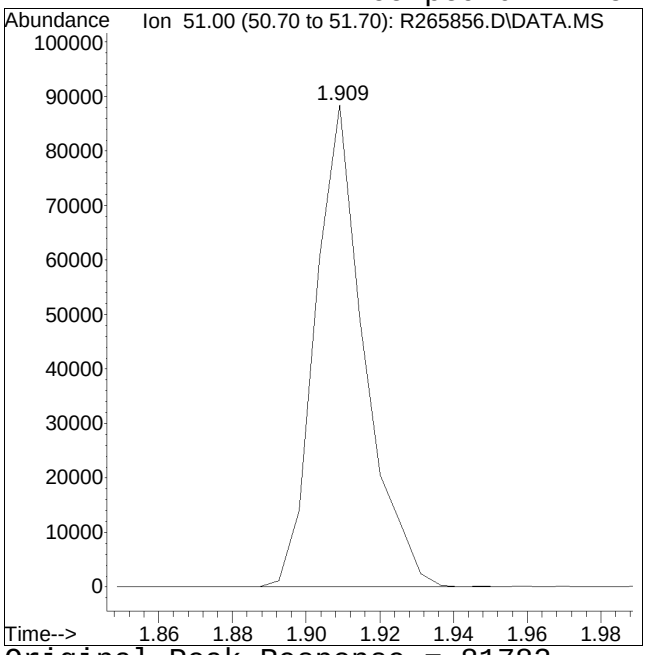
Quant Time: Oct 03 06:22:08 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration



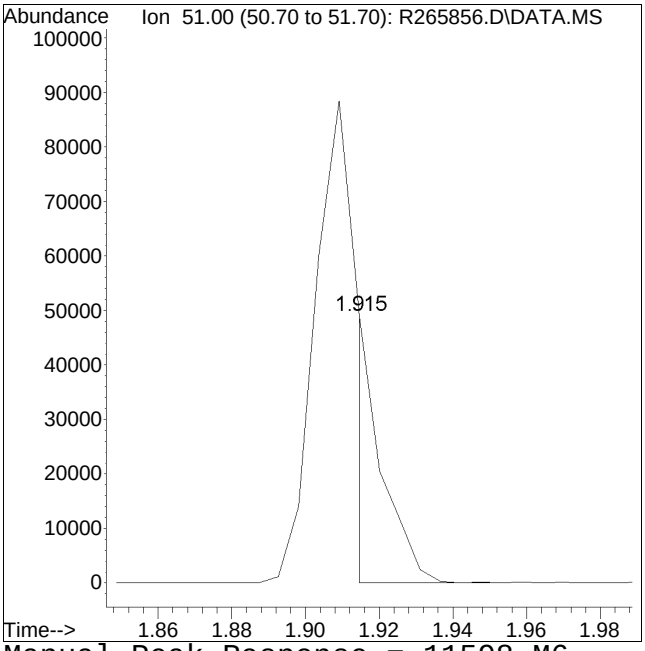
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265856.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 9:32 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 10/3/2025 6:22 am

Compound #2: chlorodifluoromethane



Original Peak Response = 81782



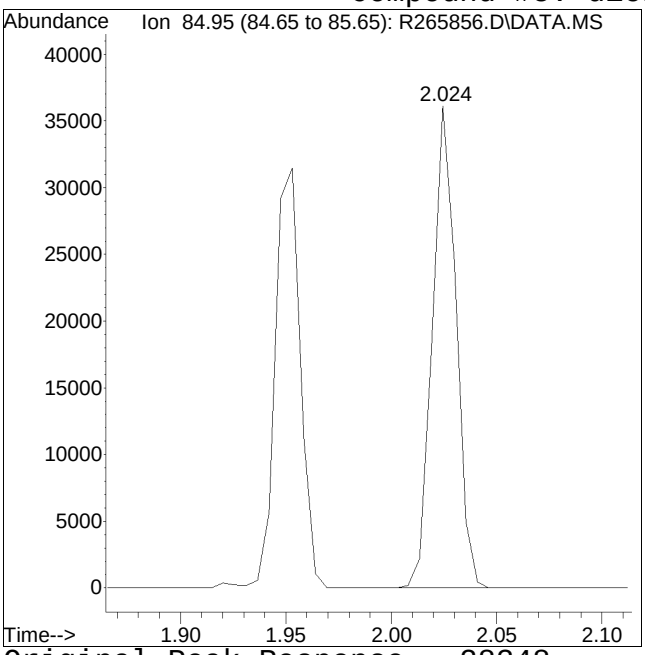
Manual Peak Response = 11598 M6

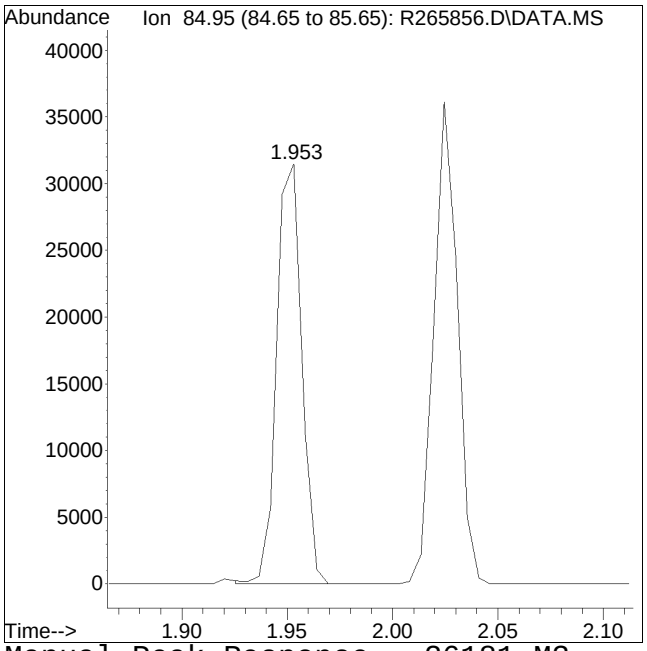
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265856.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 9:32 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 10/3/2025 6:22 am

Compound #5: dichlorodifluoromethane



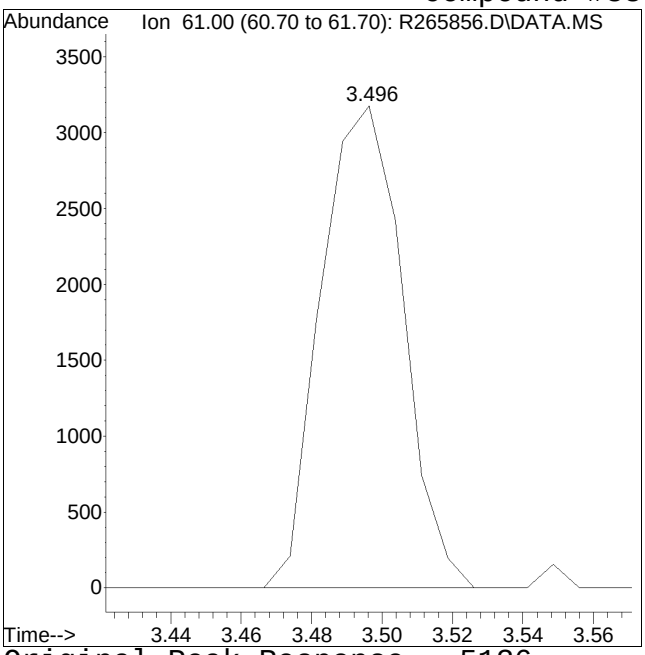


Original Peak Response = 28348 Manual Peak Response = 26181 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

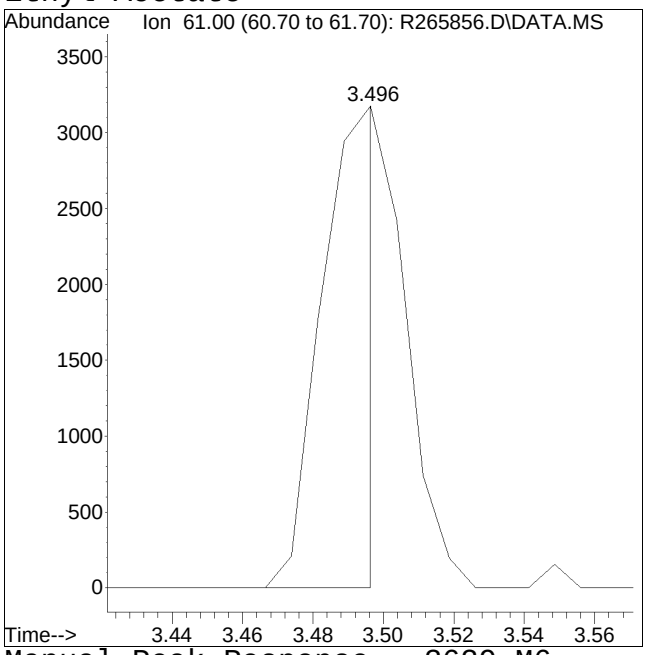
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265856.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 9:32 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 10/3/2025 6:22 am

Compound #38: Ethyl Acetate



Original Peak Response = 5136



Manual Peak Response = 3629 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265857.D
Acq On : 02 Oct 2025 10:12 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD1.0
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 06:22:17 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	198856	10.000	ppbV	0.00
Standard Area = 205254			Recovery = 96.88%			
43) 1,4-difluorobenzene	4.317	114	743400	10.000	ppbV	0.00
Standard Area = 750079			Recovery = 99.11%			
67) chlorobenzene-D5	6.438	54	107419	10.000	ppbV	0.00
Standard Area = 112061			Recovery = 95.86%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.766	65	66269	11.347	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.47%			
69) toluene-D8	5.517	98	627686	10.191	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.91%			
90) bromofluorobenzene	7.207	95	331969	10.004	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.04%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.920	51	13848M6	0.799	ppbV	
3) propylene	1.937	41	10855	1.178	ppbV	93
4) propane	1.942	29	5598M4	1.180	ppbV	
5) dichlorodifluoromethane	1.953	85	52270	1.129	ppbV	98
6) chloromethane	1.997	50	15655	1.099	ppbV	96
7) Freon-114	2.030	85	56932	1.096	ppbV	93
8) methanol	2.041	31	26836	5.602	ppbV #	88
9) vinyl chloride	2.063	62	20060	1.118	ppbV	100
10) 1,3-butadiene	2.101	54	12432	1.043	ppbV	92
11) butane	2.118	43	22148	1.072	ppbV	100
12) acetaldehyde	2.035	29	41990	5.274	ppbV	91
13) bromomethane	2.178	94	20646	1.149	ppbV	96
14) chloroethane	2.228	64	12847	1.097	ppbV	97
15) ethanol	2.255	31	42585	6.784	ppbV	95
16) dichlorofluoromethane	2.250	67	41124	1.538	ppbV	98
17) vinyl bromide	2.329	106	20577	1.101	ppbV	99
18) acrolein	2.363	56	8338	1.040	ppbV	91
19) acetone	2.397	43	128408	5.408	ppbV #	98
20) acetonitrile	2.323	41	14532	1.187	ppbV	100
21) trichlorofluoromethane	2.448	101	58143	1.106	ppbV	100
22) isopropyl alcohol	2.465	45	69499	2.640	ppbV	100
23) acrylonitrile	2.527	53	15913	1.042	ppbV	96
24) pentane	2.554	43	33560	1.181	ppbV	98

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265857.D
Acq On : 02 Oct 2025 10:12 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD1.0
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 06:22:17 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	2.554	31	20877	1.262	ppbV		91
26) 1,1-dichloroethene	2.630	61	38579	1.141	ppbV		92
27) tertiary butyl alcohol	2.640	59	45463	0.981	ppbV	#	92
28) methylene chloride	2.664	49	26016	1.140	ppbV		95
29) 3-chloropropene	2.697	41	23644	1.037	ppbV		98
30) carbon disulfide	2.750	76	62367	1.045	ppbV	#	80
31) Freon 113	2.750	101	50219	1.102	ppbV		96
32) trans-1,2-dichloroethene	2.968	61	34264	1.070	ppbV		91
33) 1,1-dichloroethane	3.039	63	45122	1.094	ppbV		100
34) MTBE	3.074	73	64836	1.049	ppbV		98
35) vinyl acetate	3.105	43	28592	0.924	ppbV		100
36) 2-butanone	3.202	43	30988	0.993	ppbV	#	97
37) cis-1,2-dichloroethene	3.369	61	22742	1.032	ppbV		92
38) Ethyl Acetate	3.496	61	6202M6	1.153	ppbV		
39) chloroform	3.489	83	40709	1.087	ppbV		100
40) Tetrahydrofuran	3.676	42	13084	1.123	ppbV		88
41) 2,2-dichloropropane	3.504	77	32974	1.038	ppbV		100
42) 1,2-dichloroethane	3.807	62	27912	1.075	ppbV		98
44) hexane	3.474	57	23892	1.028	ppbV	#	43
45) diisopropyl ether	3.481	87	20563	1.012	ppbV		80
46) tert-butyl ethyl ether	3.713	59	58845	1.004	ppbV		95
48) 1,1,1-trichloroethane	3.921	97	40522	0.856	ppbV	#	96
49) 1,1-dichloropropene	4.072	75	28096	0.975	ppbV		94
50) benzene	4.129	78	58862	1.044	ppbV		99
51) thiophene	4.185	84	47046	0.764	ppbV		96
52) carbon tetrachloride	4.204	117	42390	1.035	ppbV		100
53) cyclohexane	4.261	56	25407	1.067	ppbV		98
54) tert-amyl methyl ether	4.440	73	52965	1.004	ppbV		98
55) dibromomethane	4.496	93	26064	1.068	ppbV		93
56) 1,2-dichloropropane	4.525	63	20025	1.047	ppbV		97
57) bromodichloromethane	4.609	83	37950	0.941	ppbV	#	98
58) 1,4-dioxane	4.666	88	11658	0.998	ppbV		92
59) trichloroethene	4.638	130	31460	1.052	ppbV		96
60) 2,2,4-trimethylpentane	4.685	57	76543	1.020	ppbV		97
61) methyl methacrylate	4.779	41	16688	0.939	ppbV		97
62) heptane	4.826	43	22039	1.024	ppbV	#	89
63) cis-1,3-dichloropropene	5.078	75	31246	1.022	ppbV		95
64) 4-methyl-2-pentanone	5.126	43	29687	0.971	ppbV		96
65) trans-1,3-dichloropropene	5.349	75	24755	1.025	ppbV		94
66) 1,1,2-trichloroethane	5.421	97	26249	1.014	ppbV		95

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265857.D
Acq On : 02 Oct 2025 10:12 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD1.0
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 06:22:17 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.565	91	75320	1.078	ppbV		99
70) 2-methylthiophene	5.597	97	65811	0.769	ppbV		97
71) 1,3-dichloropropane	5.581	76	34792	1.039	ppbV		97
72) 2-hexanone	5.740	43	28095	0.939	ppbV		93
73) 3-methylthiophene	5.684	97	69932	0.799	ppbV		99
74) dibromochloromethane	5.764	129	37667	0.933	ppbV		99
75) 1,2-dibromoethane	5.876	107	40225	1.050	ppbV		95
76) butyl acetate	6.083	73	8469	0.942	ppbV		88
77) octane	6.115	85	22647	0.997	ppbV		86
78) tetrachloroethene	6.131	166	36475	1.025	ppbV		93
79) 1,1,1,2-tetrachloroethane	6.460	131	31277	1.013	ppbV		98
80) chlorobenzene	6.460	112	62904	1.092	ppbV		95
81) ethylbenzene	6.667	91	93413	1.019	ppbV		100
82) 2-ethylthiophene	6.678	97	79298	0.746	ppbV		94
83) m+p-xylene	6.760	91	152784	2.078	ppbV		94
84) bromoform	6.755	173	34453	0.912	ppbV		96
85) styrene	6.934	104	53786	0.973	ppbV		98
86) 1,1,2,2-tetrachloroethane	6.980	83	54233	1.044	ppbV		95
87) o-xylene	6.980	91	76539	1.066	ppbV		96
88) 1,2,3-trichloropropane	7.044	75	43099	1.069	ppbV		100
89) nonane	7.149	43	32504	0.962	ppbV		94
91) isopropylbenzene	7.289	105	105604	1.012	ppbV		98
92) bromobenzene	7.301	77	70004	1.075	ppbV		93
93) 2-chlorotoluene	7.515	126	28854	1.033	ppbV		98
94) n-propylbenzene	7.555	120	31823	1.047	ppbV		92
95) 4-chlorotoluene	7.555	126	29059	1.008	ppbV	#	50
96) 4-ethyl toluene	7.635	105	103412	0.995	ppbV		96
97) 1,3,5-trimethylbenzene	7.683	105	87882	1.063	ppbV		95
98) tert-butylbenzene	7.890	119	96635	1.011	ppbV		98
99) 1,2,4-trimethylbenzene	7.890	105	87137	0.993	ppbV		90
100) decane	8.002	57	46646	0.968	ppbV		93
101) Benzyl Chloride	7.954	91	71503	0.967	ppbV		97
102) 1,3-dichlorobenzene	7.954	146	68941	1.084	ppbV		94
103) 1,4-dichlorobenzene	7.994	146	67019	1.041	ppbV		95
104) sec-butylbenzene	8.042	105	136521	1.025	ppbV		98
105) 1,2,3-trimethylbenzene	8.122	105	97310	1.008	ppbV		97
106) p-isopropyltoluene	8.146	119	127776	1.016	ppbV		100
107) 1,2-dichlorobenzene	8.178	146	69000	1.102	ppbV		97
108) n-butylbenzene	8.385	91	110053	0.995	ppbV		95
109) indan	8.225	117	85119	1.014	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265857.D
Acq On : 02 Oct 2025 10:12 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD1.0
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 06:22:17 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

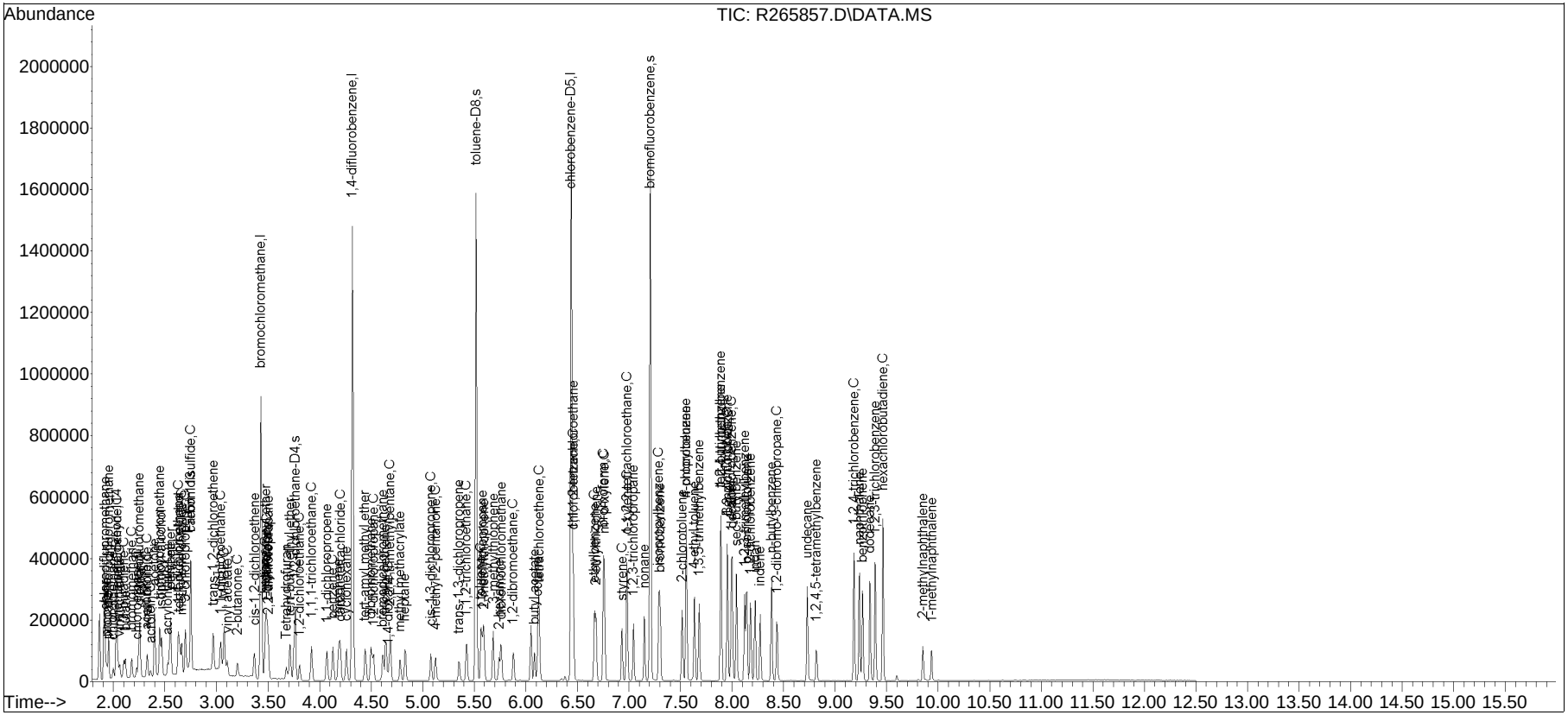
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.273	115	68163	0.948	ppbV	94
111) 1,2-dibromo-3-chloropr...	8.433	75	29186	0.995	ppbV	87
112) undecane	8.728	57	53107	0.844	ppbV	94
113) 1,2,4,5-tetramethylben...	8.816	119	36122	0.736	ppbV	95
114) dodecane	9.335	57	60084	0.780	ppbV	98
115) 1,2,4-trichlorobenzene	9.183	180	70951	1.087	ppbV	97
116) naphthalene	9.236	128	156435	0.945	ppbV	100
117) 1,2,3-trichlorobenzene	9.388	180	66874	0.969	ppbV	96
118) benzothiophene	9.265	134	122793	0.805	ppbV	98
119) hexachlorobutadiene	9.464	225	49791	1.003	ppbV	96
120) 2-methylnaphthalene	9.850	142	30306	0.051	ppbV	92
121) 1-methylnaphthalene	9.937	142	28531	0.468	ppbV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed0\1002T_I\R265859.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265857.D
Acq On : 02 Oct 2025 10:12 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD1.0
Misc : WG2123676
ALS Vial : 6 Sample Multiplier: 1

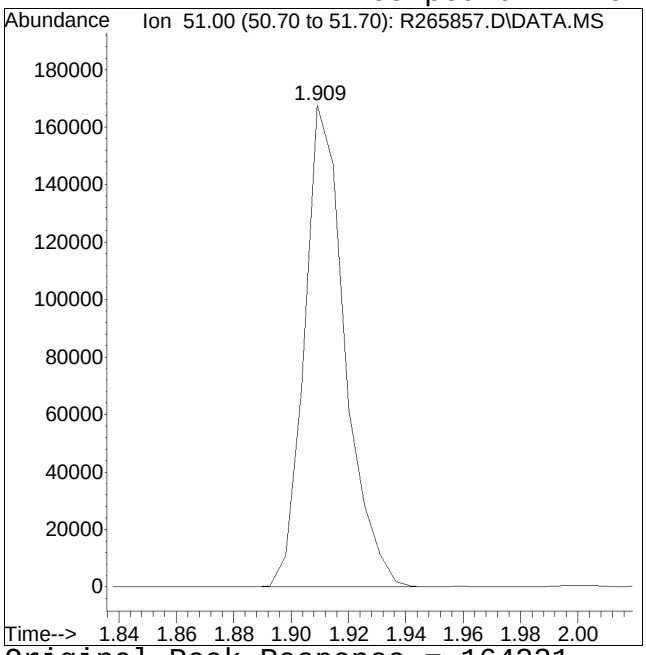
Quant Time: Oct 03 06:22:17 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration



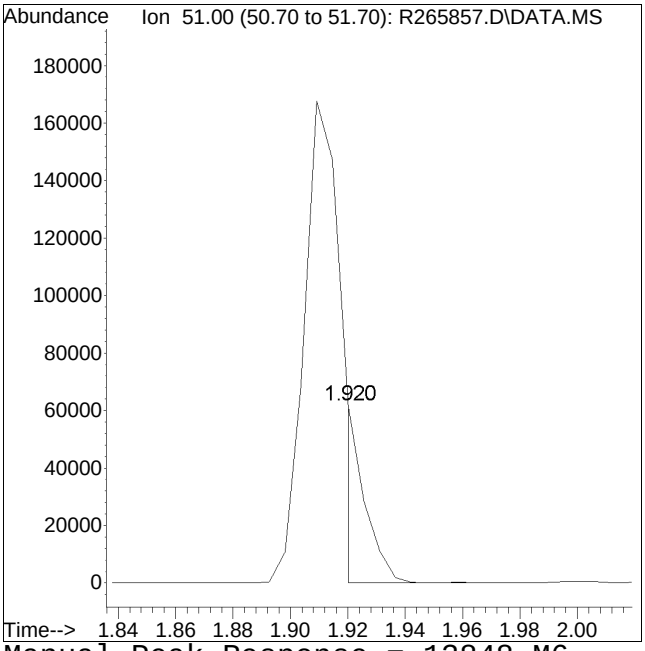
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265857.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 10:12 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 10/3/2025 6:22 am

Compound #2: chlorodifluoromethane



Original Peak Response = 164221



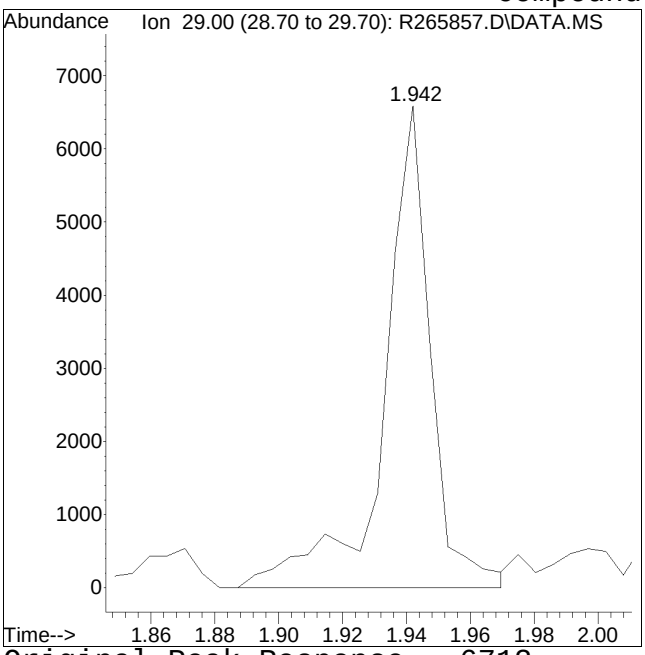
Manual Peak Response = 13848 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

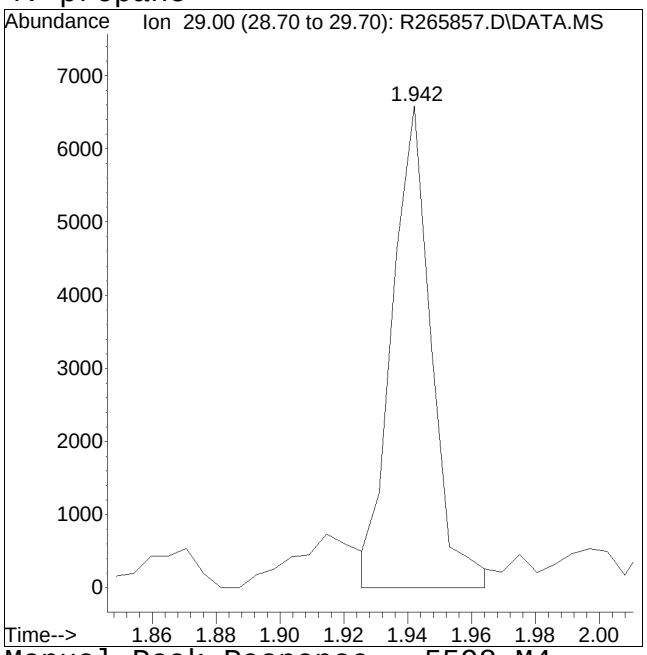
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265857.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 10:12 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 10/3/2025 6:22 am

Compound #4: propane



Original Peak Response = 6712



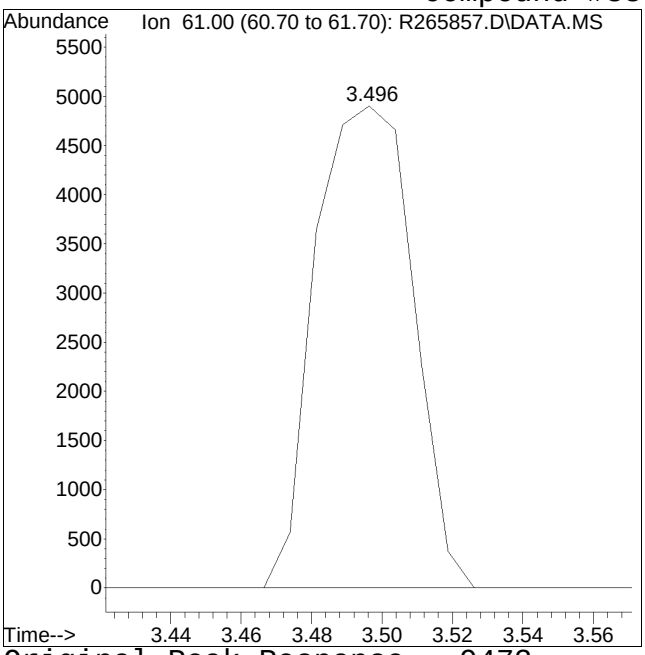
Manual Peak Response = 5598 M4

M4 = Poor automated baseline construction.

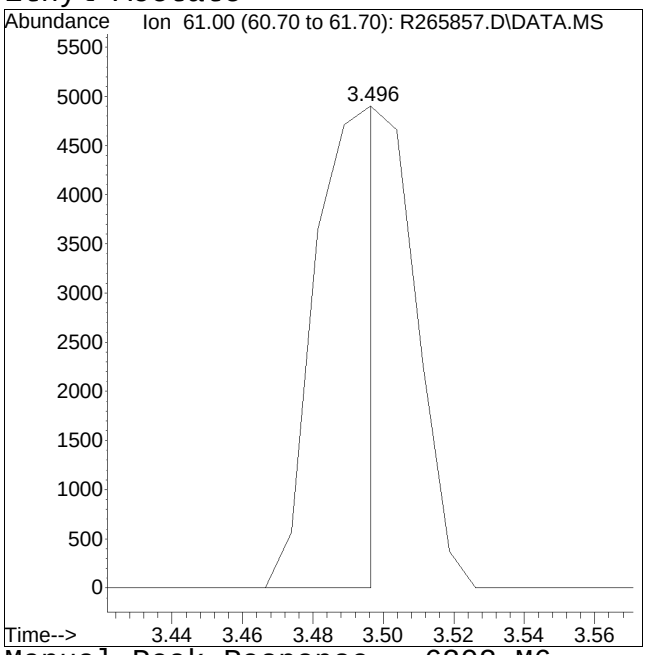
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265857.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 10:12 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 10/3/2025 6:22 am

Compound #38: Ethyl Acetate



Original Peak Response = 9473



Manual Peak Response = 6202 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265858.D
Acq On : 02 Oct 2025 10:49 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD5.0
Misc : WG2123676
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 06:22:27 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	199743	10.000	ppbV	0.00
Standard Area = 205254			Recovery = 97.32%			
43) 1,4-difluorobenzene	4.317	114	751300	10.000	ppbV	0.00
Standard Area = 750079			Recovery = 100.16%			
67) chlorobenzene-D5	6.438	54	107309	10.000	ppbV	0.00
Standard Area = 112061			Recovery = 95.76%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.766	65	62947	10.665	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.65%			
69) toluene-D8	5.517	98	643722	10.462	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.62%			
90) bromofluorobenzene	7.207	95	352170	10.624	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.24%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.920	51	53231M6	3.059	ppbV	
3) propylene	1.931	41	47633	5.147	ppbV	92
4) propane	1.937	29	24774	5.198	ppbV #	78
5) dichlorodifluoromethane	1.953	85	242774	5.219	ppbV	98
6) chloromethane	1.997	50	72706	5.081	ppbV	97
7) Freon-114	2.024	85	264954	5.079	ppbV	96
8) methanol	2.041	31	122802	25.520	ppbV #	78
9) vinyl chloride	2.057	62	90238	5.006	ppbV	99
10) 1,3-butadiene	2.096	54	60059	5.017	ppbV	95
11) butane	2.112	43	105396	5.079	ppbV	98
12) acetaldehyde	2.030	29	206824	25.864	ppbV	92
13) bromomethane	2.173	94	94278	5.222	ppbV	99
14) chloroethane	2.222	64	60639	5.154	ppbV	99
15) ethanol	2.255	31	197775	31.367	ppbV	97
16) dichlorofluoromethane	2.250	67	180717	6.730	ppbV	99
17) vinyl bromide	2.329	106	96024	5.113	ppbV	98
18) acrolein	2.357	56	41405	5.143	ppbV	96
19) acetone	2.397	43	605086	25.368	ppbV	99
20) acetonitrile	2.323	41	62657	5.093	ppbV	92
21) trichlorofluoromethane	2.448	101	270050	5.113	ppbV	100
22) isopropyl alcohol	2.465	45	361708	13.681	ppbV	99
23) acrylonitrile	2.527	53	78070	5.090	ppbV	97
24) pentane	2.549	43	159805	5.596	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265858.D
Acq On : 02 Oct 2025 10:49 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD5.0
Misc : WG2123676
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 06:22:27 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	2.554	31	94310	5.676	ppbV	97
26) 1,1-dichloroethene	2.630	61	172815	5.090	ppbV	98
27) tertiary butyl alcohol	2.635	59	249032	5.350	ppbV	97
28) methylene chloride	2.659	49	116230	5.070	ppbV	98
29) 3-chloropropene	2.697	41	115137	5.026	ppbV	98
30) carbon disulfide	2.750	76	331337	5.525	ppbV	98
31) Freon 113	2.750	101	229217	5.007	ppbV	99
32) trans-1,2-dichloroethene	2.968	61	165478	5.143	ppbV	98
33) 1,1-dichloroethane	3.039	63	213860	5.163	ppbV	97
34) MTBE	3.070	73	314962	5.072	ppbV	98
35) vinyl acetate	3.105	43	107988	3.473	ppbV	95
36) 2-butanone	3.198	43	153116	4.885	ppbV	97
37) cis-1,2-dichloroethene	3.369	61	112605	5.086	ppbV	96
38) Ethyl Acetate	3.481	61	25481M6	4.714	ppbV	
39) chloroform	3.489	83	193590	5.147	ppbV	98
40) Tetrahydrofuran	3.668	42	59265	5.063	ppbV	91
41) 2,2-dichloropropane	3.504	77	164852	5.164	ppbV	97
42) 1,2-dichloroethane	3.807	62	115560	4.432	ppbV	94
44) hexane	3.474	57	115375	4.910	ppbV	74
45) diisopropyl ether	3.474	87	101454	4.938	ppbV	97
46) tert-butyl ethyl ether	3.705	59	284624	4.805	ppbV	99
48) 1,1,1-trichloroethane	3.921	97	197582	4.129	ppbV	97
49) 1,1-dichloropropene	4.072	75	141167	4.849	ppbV	98
50) benzene	4.129	78	281325	4.939	ppbV	97
51) thiophene	4.185	84	305367	4.909	ppbV	100
52) carbon tetrachloride	4.195	117	206113	4.981	ppbV	99
53) cyclohexane	4.261	56	118986	4.947	ppbV	99
54) tert-amyl methyl ether	4.440	73	260753	4.891	ppbV	99
55) dibromomethane	4.496	93	123961	5.026	ppbV	95
56) 1,2-dichloropropane	4.524	63	98545	5.100	ppbV	97
57) bromodichloromethane	4.609	83	199261	4.887	ppbV	99
58) 1,4-dioxane	4.647	88	64470	5.461	ppbV	99
59) trichloroethene	4.638	130	148205	4.905	ppbV	96
60) 2,2,4-trimethylpentane	4.685	57	379210	4.998	ppbV	98
61) methyl methacrylate	4.779	41	86252	4.800	ppbV	98
62) heptane	4.826	43	108380	4.981	ppbV	98
63) cis-1,3-dichloropropene	5.078	75	153362	4.961	ppbV	99
64) 4-methyl-2-pentanone	5.118	43	152363	4.930	ppbV	98
65) trans-1,3-dichloropropene	5.349	75	114280	4.682	ppbV	98
66) 1,1,2-trichloroethane	5.421	97	127196	4.864	ppbV	99

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265858.D
Acq On : 02 Oct 2025 10:49 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD5.0
Misc : WG2123676
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 06:22:27 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	5.565	91	363372	5.206	ppbV	98
70) 2-methylthiophene	5.589	97	451852	5.283	ppbV	98
71) 1,3-dichloropropane	5.581	76	175041	5.231	ppbV	98
72) 2-hexanone	5.732	43	149465	4.999	ppbV	99
73) 3-methylthiophene	5.684	97	456085	5.215	ppbV	100
74) dibromochloromethane	5.756	129	205397	5.093	ppbV	97
75) 1,2-dibromoethane	5.876	107	195612	5.110	ppbV	99
76) butyl acetate	6.075	73	46238	5.147	ppbV	94
77) octane	6.115	85	114493	5.046	ppbV	98
78) tetrachloroethene	6.131	166	182890	5.147	ppbV	95
79) 1,1,1,2-tetrachloroethane	6.454	131	159068	5.159	ppbV	98
80) chlorobenzene	6.460	112	305367	5.307	ppbV	99
81) ethylbenzene	6.662	91	469971	5.132	ppbV	97
82) 2-ethylthiophene	6.678	97	542518	5.109	ppbV	100
83) m+p-xylene	6.754	91	761493	10.366	ppbV	100
84) bromoform	6.754	173	190056	5.034	ppbV	99
85) styrene	6.928	104	280101	5.070	ppbV	96
86) 1,1,2,2-tetrachloroethane	6.975	83	266559	5.137	ppbV	99
87) o-xylene	6.980	91	372640	5.194	ppbV	98
88) 1,2,3-trichloropropane	7.039	75	207249	5.145	ppbV	98
89) nonane	7.149	43	168691	4.999	ppbV	99
91) isopropylbenzene	7.289	105	538916	5.170	ppbV	99
92) bromobenzene	7.301	77	339893	5.226	ppbV	94
93) 2-chlorotoluene	7.515	126	143196	5.132	ppbV	97
94) n-propylbenzene	7.555	120	157101	5.172	ppbV	97
95) 4-chlorotoluene	7.555	126	144475	5.018	ppbV	78
96) 4-ethyl toluene	7.635	105	540950	5.212	ppbV	98
97) 1,3,5-trimethylbenzene	7.683	105	426843	5.170	ppbV	99
98) tert-butylbenzene	7.890	119	491300	5.145	ppbV	99
99) 1,2,4-trimethylbenzene	7.890	105	449197	5.123	ppbV	98
100) decane	8.002	57	243995	5.071	ppbV	98
101) Benzyl Chloride	7.954	91	379823	5.141	ppbV	99
102) 1,3-dichlorobenzene	7.954	146	337357	5.308	ppbV	99
103) 1,4-dichlorobenzene	7.994	146	332343	5.170	ppbV	100
104) sec-butylbenzene	8.042	105	692085	5.201	ppbV	100
105) 1,2,3-trimethylbenzene	8.122	105	491368	5.095	ppbV	99
106) p-isopropyltoluene	8.138	119	646889	5.150	ppbV	100
107) 1,2-dichlorobenzene	8.177	146	326062	5.214	ppbV	99
108) n-butylbenzene	8.377	91	579677	5.244	ppbV	97
109) indan	8.225	117	431976	5.149	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265858.D
Acq On : 02 Oct 2025 10:49 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD5.0
Misc : WG2123676
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 06:22:27 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

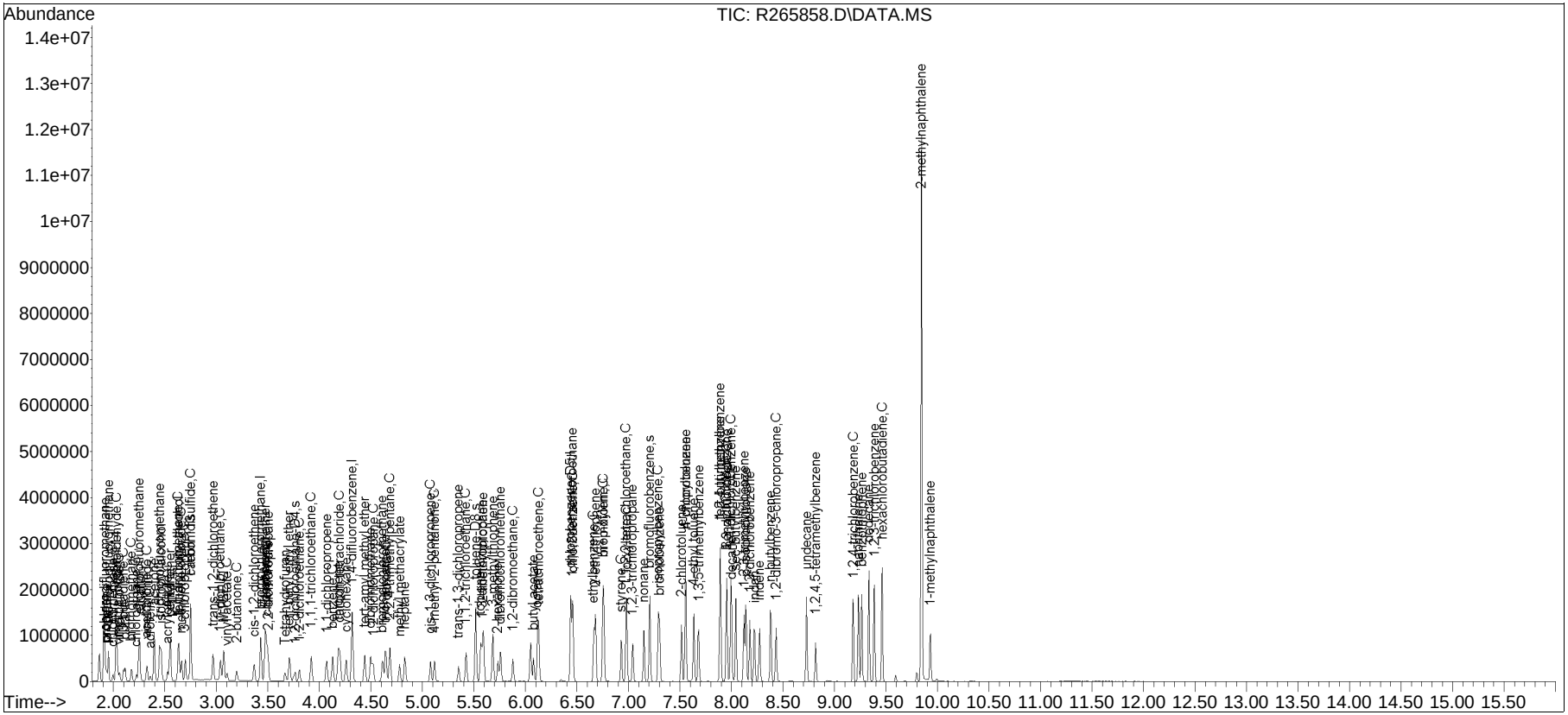
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.273	115	361885	5.040	ppbV	100
111) 1,2-dibromo-3-chloropr...	8.433	75	146039	4.985	ppbV	99
112) undecane	8.728	57	310581	4.943	ppbV	98
113) 1,2,4,5-tetramethylben...	8.816	119	243548	4.969	ppbV	100
114) dodecane	9.335	57	399090	5.183	ppbV	98
115) 1,2,4-trichlorobenzene	9.183	180	332828	5.105	ppbV	93
116) naphthalene	9.230	128	838947	5.074	ppbV	100
117) 1,2,3-trichlorobenzene	9.388	180	375886	5.454	ppbV	100
118) benzothiophene	9.265	134	773011	5.075	ppbV	99
119) hexachlorobutadiene	9.464	225	253796	5.119	ppbV	98
120) 2-methylnaphthalene	9.844	142	2881281	4.840	ppbV	97
121) 1-methylnaphthalene	9.931	142	284890	4.680	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed0\1002T_I\R265859.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265858.D
Acq On : 02 Oct 2025 10:49 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD5.0
Misc : WG2123676
ALS Vial : 7 Sample Multiplier: 1

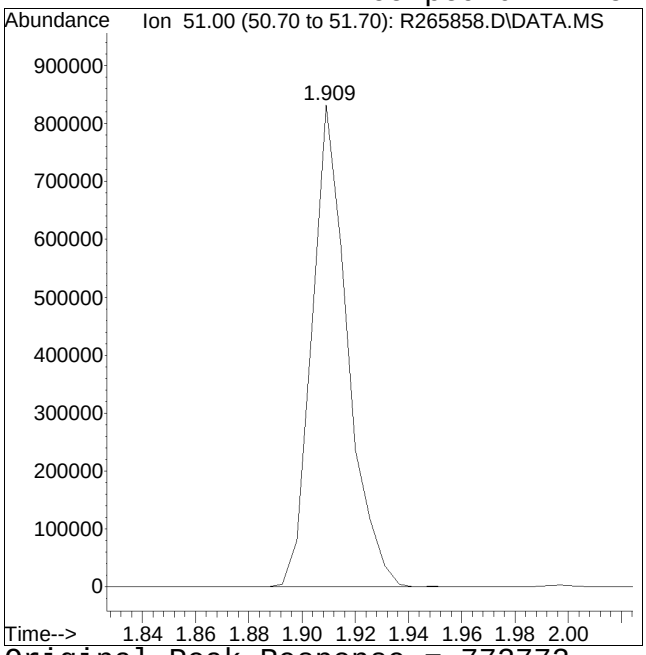
Quant Time: Oct 03 06:22:27 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration



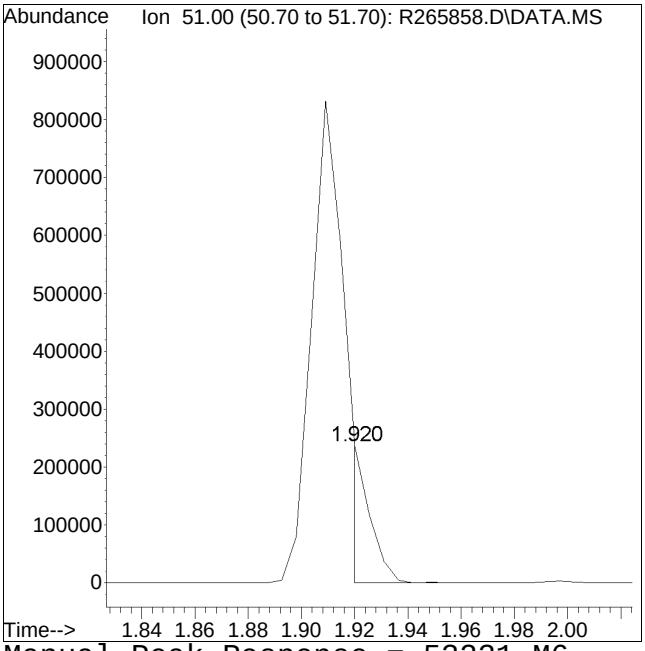
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265858.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 10:49 pm Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 10/3/2025 6:22 am

Compound #2: chlorodifluoromethane



Original Peak Response = 772772



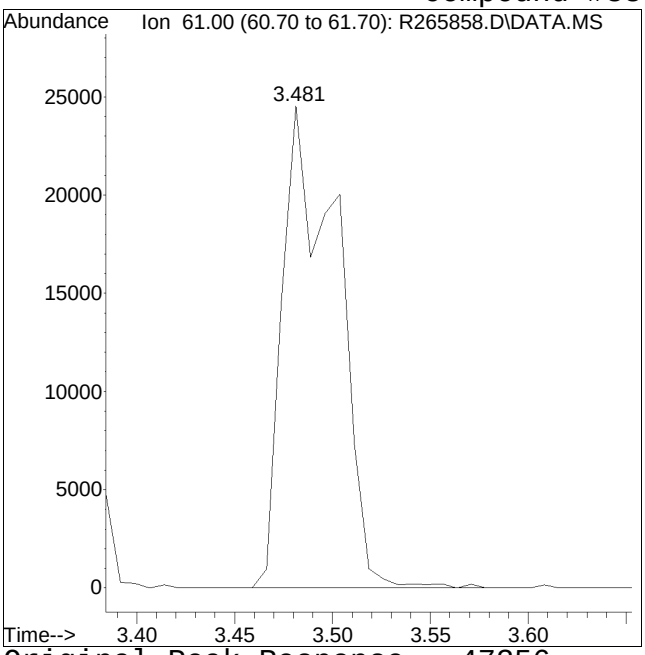
Manual Peak Response = 53231 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

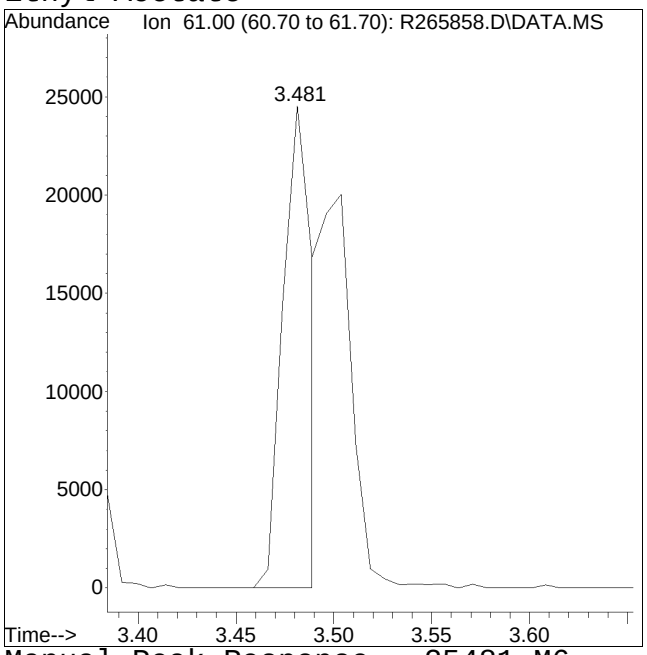
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265858.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 10:49 pm Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 10/3/2025 6:22 am

Compound #38: Ethyl Acetate



Original Peak Response = 47356



Manual Peak Response = 25481 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265859.D
Acq On : 02 Oct 2025 11:29 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD010
Misc : WG2123676
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 06:17:50 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Sep 18 13:33:06 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	205254	10.000	ppbV	0.02
Standard Area = 205254			Recovery = 100.00%			
43) 1,4-difluorobenzene	4.317	114	750079	10.000	ppbV	0.00
Standard Area = 750079			Recovery = 100.00%			
67) chlorobenzene-D5	6.438	54	112061	10.000	ppbV	0.00
Standard Area = 112061			Recovery = 100.00%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.766	65	58926	3.030	ppbV	0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 30.30%#			
69) toluene-D8	5.517	98	642553	11.355	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.55%			
90) bromofluorobenzene	7.207	95	346180	10.722	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.22%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.915	51	178793M6	18.353	ppbV	
3) propylene	1.931	41	95096	9.344	ppbV	96
4) propane	1.937	29	48973	8.115	ppbV	89
5) dichlorodifluoromethane	1.948	85	477969	10.778	ppbV	99
6) chloromethane	1.997	50	147042	9.902	ppbV	98
7) Freon-114	2.025	85	536052	10.990	ppbV	99
8) methanol	2.035	31	247237	44.614	ppbV	92
9) vinyl chloride	2.057	62	185217	10.564	ppbV	99
10) 1,3-butadiene	2.096	54	123006	10.150	ppbV	93
11) butane	2.112	43	213227	9.070	ppbV	98
12) acetaldehyde	2.030	29	410863	44.003	ppbV	90
13) bromomethane	2.173	94	185517	10.857	ppbV	97
14) chloroethane	2.222	64	120894	11.879	ppbV	97
15) ethanol	2.250	31	323958	36.406	ppbV	91
16) dichlorofluoromethane	2.250	67	275947	5.991	ppbV	98
17) vinyl bromide	2.324	106	192979	11.535	ppbV	98
18) acrolein	2.357	56	82729	10.312	ppbV	95
19) acetone	2.391	43	1225509	49.956	ppbV	95
20) acetonitrile	2.318	41	126410	8.988	ppbV	100
21) trichlorofluoromethane	2.448	101	542728	10.505	ppbV	99
22) isopropyl alcohol	2.459	45	679196	21.333	ppbV	100
23) acrylonitrile	2.527	53	157610	9.589	ppbV	96
24) pentane	2.549	43	293426	8.326	ppbV	97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265859.D
Acq On : 02 Oct 2025 11:29 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD010
Misc : WG2123676
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 06:17:50 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Sep 18 13:33:06 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	2.554	31	170742	10.255	ppbV		97
26) 1,1-dichloroethene	2.626	61	348905	10.840	ppbV		94
27) tertiary butyl alcohol	2.635	59	478294	10.783	ppbV		99
28) methylene chloride	2.659	49	235591	11.233	ppbV		95
29) 3-chloropropene	2.697	41	235383	10.702	ppbV		96
30) carbon disulfide	2.750	76	616218	12.488	ppbV		95
31) Freon 113	2.750	101	470440	12.239	ppbV		98
32) trans-1,2-dichloroethene	2.968	61	330610	11.860	ppbV		95
33) 1,1-dichloroethane	3.039	63	425631	11.613	ppbV		97
34) MTBE	3.070	73	638165	11.622	ppbV		99
35) vinyl acetate	3.105	43	319559	8.602	ppbV		99
36) 2-butanone	3.194	43	322075	10.032	ppbV		93
37) cis-1,2-dichloroethene	3.362	61	227502	9.832	ppbV		94
38) Ethyl Acetate	3.481	61	55541M6	9.080	ppbV		
39) chloroform	3.489	83	386492	10.509	ppbV		97
40) Tetrahydrofuran	3.661	42	120289	8.395	ppbV		90
41) 2,2-dichloropropane	3.504	77	328028	10.243	ppbV		91
42) 1,2-dichloroethane	3.807	62	267946	9.956	ppbV		97
44) hexane	3.474	57	234585	8.251	ppbV	#	48
45) diisopropyl ether	3.474	87	205113	9.138	ppbV		81
46) tert-butyl ethyl ether	3.706	59	591331	8.943	ppbV		98
48) 1,1,1-trichloroethane	3.921	97	477717	10.980	ppbV		95
49) 1,1-dichloropropene	4.072	75	290657	8.842	ppbV		90
50) benzene	4.129	78	568631	8.992	ppbV		97
51) thiophene	4.185	84	621087	10.950	ppbV	#	89
52) carbon tetrachloride	4.195	117	413115	9.522	ppbV		99
53) cyclohexane	4.261	56	240147	8.450	ppbV		93
54) tert-amyl methyl ether	4.440	73	532264	8.601	ppbV		95
55) dibromomethane	4.496	93	246257	9.301	ppbV		95
56) 1,2-dichloropropane	4.515	63	192925	8.602	ppbV		98
57) bromodichloromethane	4.609	83	407104	9.450	ppbV		100
58) 1,4-dioxane	4.647	88	117872	8.883	ppbV		88
59) trichloroethene	4.638	130	301650	9.950	ppbV		98
60) 2,2,4-trimethylpentane	4.685	57	757485	8.595	ppbV		96
61) methyl methacrylate	4.779	41	179392	7.408	ppbV	#	85
62) heptane	4.826	43	217237	7.368	ppbV	#	95
63) cis-1,3-dichloropropene	5.078	75	308621	8.690	ppbV		92
64) 4-methyl-2-pentanone	5.118	43	308561	7.663	ppbV	#	93
65) trans-1,3-dichloropropene	5.349	75	243692	8.475	ppbV		95
66) 1,1,2-trichloroethane	5.421	97	261089	9.616	ppbV		94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265859.D
Acq On : 02 Oct 2025 11:29 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD010
Misc : WG2123676
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 06:17:50 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Sep 18 13:33:06 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.565	91	728934	10.581	ppbV		99
70) 2-methylthiophene	5.589	97	893136	13.318	ppbV		99
71) 1,3-dichloropropane	5.581	76	349409	10.625	ppbV		90
72) 2-hexanone	5.732	43	312219	9.519	ppbV	#	92
73) 3-methylthiophene	5.684	97	913323	13.237	ppbV		98
74) dibromochloromethane	5.756	129	421151	11.706	ppbV		100
75) 1,2-dibromoethane	5.876	107	399716	11.019	ppbV		100
76) butyl acetate	6.075	73	93818	10.005	ppbV		90
77) octane	6.115	85	236926	10.671	ppbV		84
78) tetrachloroethene	6.131	166	371092	11.729	ppbV		89
79) 1,1,1,2-tetrachloroethane	6.454	131	321961	11.259	ppbV		99
80) chlorobenzene	6.460	112	600915	11.119	ppbV		96
81) ethylbenzene	6.662	91	956352	10.691	ppbV		96
82) 2-ethylthiophene	6.678	97	1108820	13.388	ppbV		98
83) m+p-xylene	6.755	91	1534292	21.486	ppbV		97
84) bromoform	6.755	173	394294	12.393	ppbV		97
85) styrene	6.928	104	576963	10.914	ppbV		97
86) 1,1,2,2-tetrachloroethane	6.975	83	541879	10.359	ppbV		99
87) o-xylene	6.980	91	749256	10.576	ppbV		96
88) 1,2,3-trichloropropane	7.039	75	420673	10.511	ppbV		95
89) nonane	7.149	43	352386	8.936	ppbV	#	94
91) isopropylbenzene	7.289	105	1088580	11.270	ppbV		98
92) bromobenzene	7.301	77	679196	10.279	ppbV	#	84
93) 2-chlorotoluene	7.515	126	291382	11.466	ppbV		87
94) n-propylbenzene	7.555	120	317181	11.170	ppbV		93
95) 4-chlorotoluene	7.555	126	300665	11.446	ppbV		75
96) 4-ethyl toluene	7.635	105	1083862	11.692	ppbV		98
97) 1,3,5-trimethylbenzene	7.683	105	862147	10.560	ppbV		98
98) tert-butylbenzene	7.890	119	997284	11.121	ppbV		99
99) 1,2,4-trimethylbenzene	7.890	105	915678	10.672	ppbV		94
100) decane	8.002	57	502510	9.712	ppbV	#	94
101) Benzyl Chloride	7.954	91	771529	10.806	ppbV		99
102) 1,3-dichlorobenzene	7.954	146	663666	11.534	ppbV		94
103) 1,4-dichlorobenzene	7.994	146	671345	11.273	ppbV		96
104) sec-butylbenzene	8.042	105	1389722	11.369	ppbV		99
105) 1,2,3-trimethylbenzene	8.122	105	1007173	11.036	ppbV		99
106) p-isopropyltoluene	8.138	119	1311760	11.375	ppbV		100
107) 1,2-dichlorobenzene	8.178	146	653021	11.476	ppbV		95
108) n-butylbenzene	8.377	91	1154255	11.203	ppbV		99
109) indan	8.225	117	876130	11.238	ppbV		100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265859.D
Acq On : 02 Oct 2025 11:29 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD010
Misc : WG2123676
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 06:17:50 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Sep 18 13:33:06 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

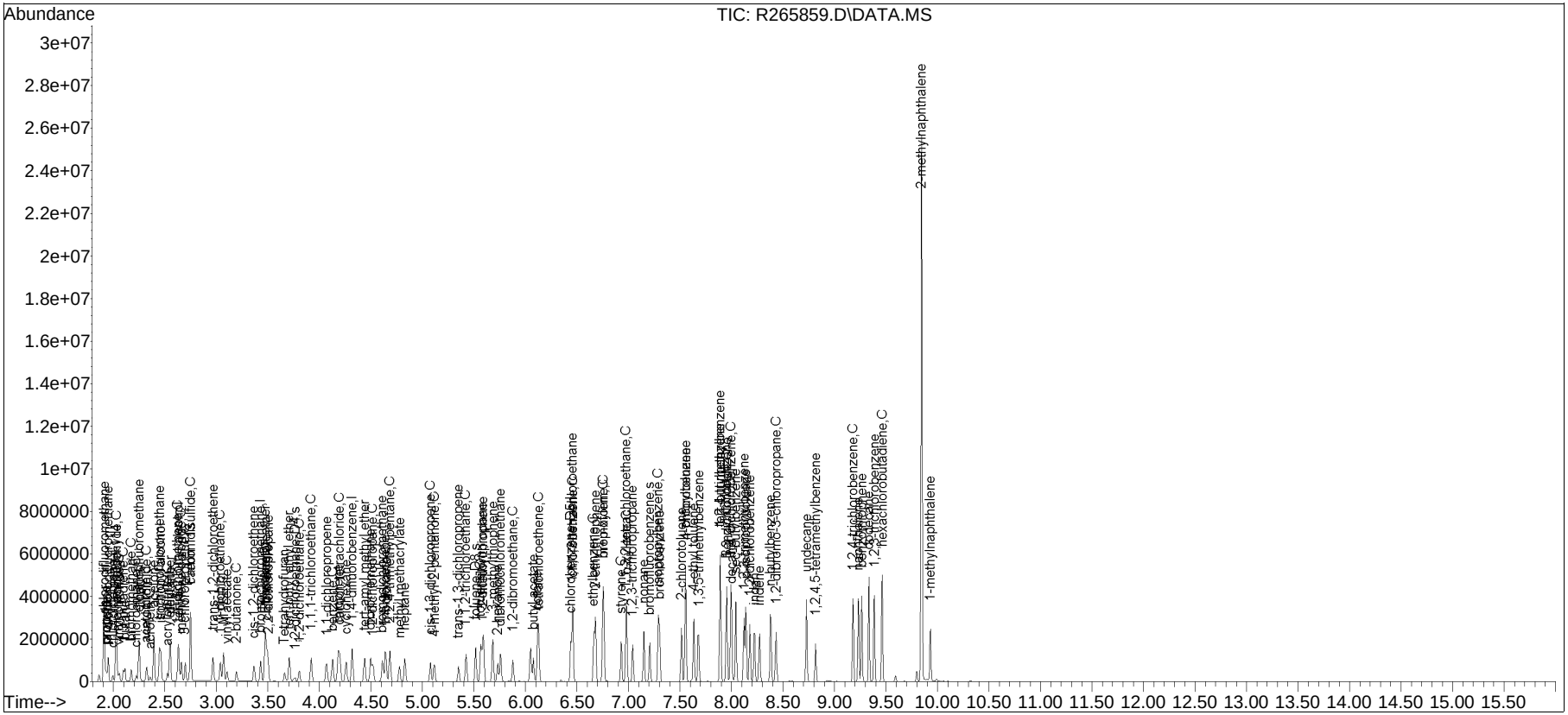
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.273	115	749896	11.581	ppbV	99
111) 1,2-dibromo-3-chloropr...	8.433	75	305911	9.834	ppbV	89
112) undecane	8.728	57	656173	10.326	ppbV	92
113) 1,2,4,5-tetramethylben...	8.816	119	511820	11.277	ppbV	99
114) dodecane	9.335	57	804061	10.831	ppbV	94
115) 1,2,4-trichlorobenzene	9.177	180	680797	12.310	ppbV	99
116) naphthalene	9.230	128	1726636	12.725	ppbV	99
117) 1,2,3-trichlorobenzene	9.388	180	719656	12.537	ppbV	95
118) benzothiophene	9.265	134	1590607	24.526	ppbV	98
119) hexachlorobutadiene	9.464	225	517778	12.660	ppbV	94
120) 2-methylnaphthalene	9.844	142	6216214	450.121	ppbV	97
121) 1-methylnaphthalene	9.931	142	635723	33.298	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed0\1002T_I\R265859.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265859.D
Acq On : 02 Oct 2025 11:29 pm
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD010
Misc : WG2123676
ALS Vial : 7 Sample Multiplier: 1

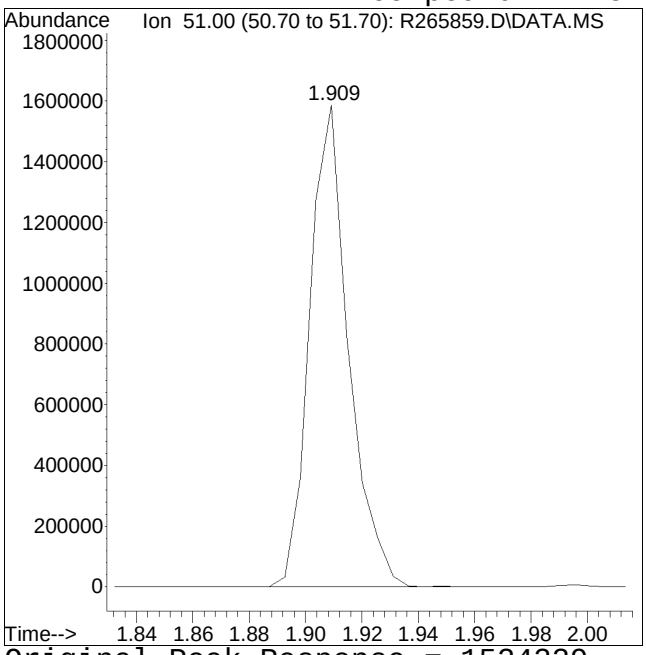
Quant Time: Oct 03 06:17:50 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Sep 18 13:33:06 2025
Response via : Initial Calibration



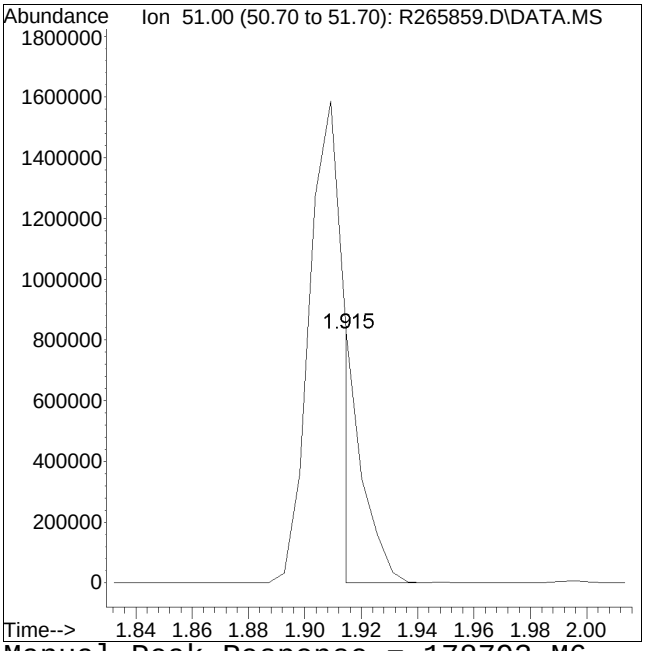
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265859.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 11:29 pm Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 10/3/2025 6:17 am

Compound #2: chlorodifluoromethane



Original Peak Response = 1524229



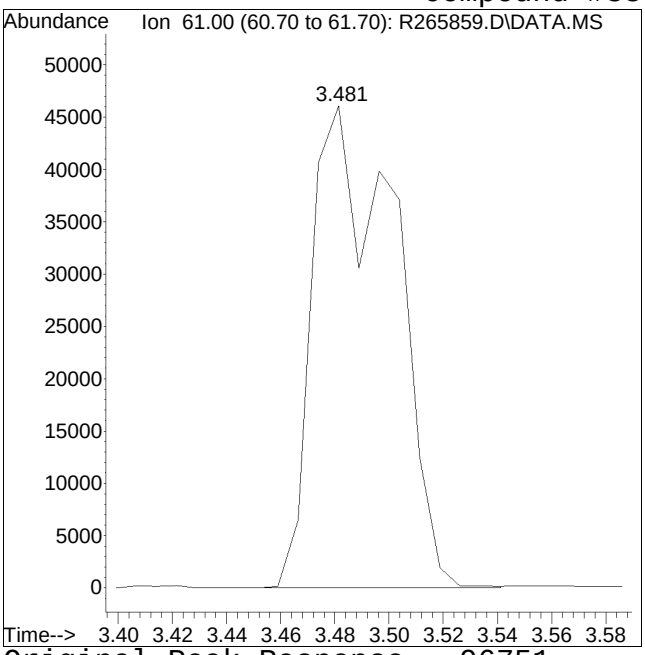
Manual Peak Response = 178793 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

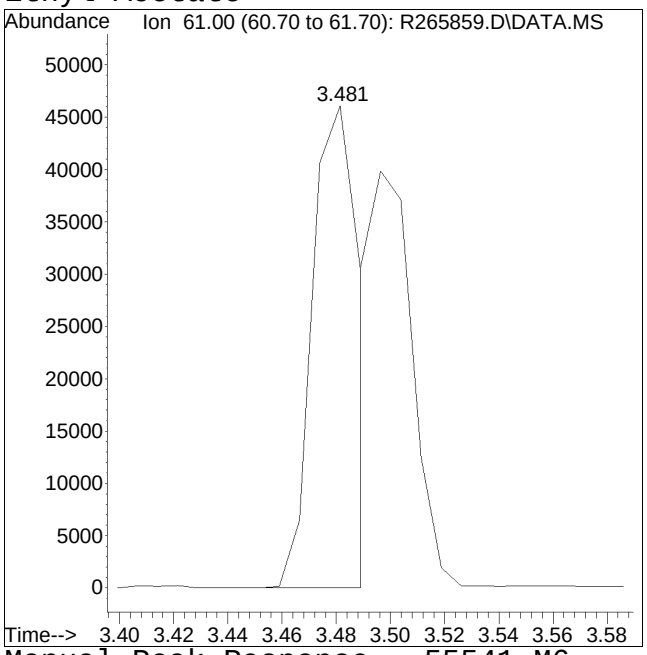
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265859.D Operator : AIRLAB26:RAY
Date Inj'd : 10/2/2025 11:29 pm Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 10/3/2025 6:17 am

Compound #38: Ethyl Acetate



Original Peak Response = 96751



Manual Peak Response = 55541 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265860.D
Acq On : 03 Oct 2025 12:05 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD020
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 03 06:22:58 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	205258	10.000	ppbV	0.00
Standard Area = 205254			Recovery = 100.00%			
43) 1,4-difluorobenzene	4.317	114	764068	10.000	ppbV	0.00
Standard Area = 750079			Recovery = 101.87%			
67) chlorobenzene-D5	6.438	54	114393	10.000	ppbV	0.00
Standard Area = 112061			Recovery = 102.08%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.766	65	62460	10.406	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.06%			
69) toluene-D8	5.517	98	644541	9.826	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.26%			
90) bromofluorobenzene	7.207	95	339069	9.595	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.95%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.920	51	227783M6	12.740	ppbV	
3) propylene	1.931	41	185212	19.476	ppbV	97
4) propane	1.942	29	94193	19.233	ppbV #	81
5) dichlorodifluoromethane	1.953	85	975324	20.405	ppbV	99
6) chloromethane	1.997	50	293374	19.951	ppbV	99
7) Freon-114	2.024	85	1098217	20.487	ppbV	98
8) methanol	2.041	31	528902	106.960	ppbV #	77
9) vinyl chloride	2.057	62	373635	20.172	ppbV	99
10) 1,3-butadiene	2.101	54	246593	20.047	ppbV	100
11) butane	2.118	43	435861	20.441	ppbV	98
12) acetaldehyde	2.030	29	869247	105.781	ppbV	98
13) bromomethane	2.178	94	379962	20.481	ppbV	97
14) chloroethane	2.222	64	236817	19.588	ppbV	99
15) ethanol	2.250	31	836524	129.107	ppbV	98
16) dichlorofluoromethane	2.250	67	696480	25.239	ppbV	100
17) vinyl bromide	2.329	106	392330	20.330	ppbV	100
18) acrolein	2.357	56	167134	20.202	ppbV	99
19) acetone	2.391	43	2521701	102.882	ppbV	98
20) acetonitrile	2.318	41	258705	20.465	ppbV	100
21) trichlorofluoromethane	2.448	101	1130953	20.838	ppbV	98
22) isopropyl alcohol	2.459	45	1481318	54.524	ppbV	100
23) acrylonitrile	2.527	53	326090	20.689	ppbV	99
24) pentane	2.549	43	658852	22.453	ppbV	99

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265860.D
Acq On : 03 Oct 2025 12:05 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD020
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 03 06:22:58 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	2.554	31	386936	22.662	ppbV	98
26) 1,1-dichloroethene	2.630	61	740473	21.222	ppbV	98
27) tertiary butyl alcohol	2.635	59	1058328	22.127	ppbV	100
28) methylene chloride	2.659	49	491583	20.866	ppbV	99
29) 3-chloropropene	2.697	41	480376	20.408	ppbV	99
30) carbon disulfide	2.750	76	1325524	21.510	ppbV	100
31) Freon 113	2.750	101	975132	20.728	ppbV	100
32) trans-1,2-dichloroethene	2.968	61	672816	20.350	ppbV	99
33) 1,1-dichloroethane	3.039	63	885057	20.794	ppbV	100
34) MTBE	3.070	73	1298594	20.348	ppbV	98
35) vinyl acetate	3.105	43	782397	24.483	ppbV	99
36) 2-butanone	3.194	43	628020	19.499	ppbV	98
37) cis-1,2-dichloroethene	3.369	61	476538	20.946	ppbV	94
38) Ethyl Acetate	3.481	61	110699M6	19.931	ppbV	
39) chloroform	3.489	83	802918	20.774	ppbV	99
40) Tetrahydrofuran	3.661	42	253619	21.084	ppbV	97
41) 2,2-dichloropropane	3.504	77	677345	20.649	ppbV	98
42) 1,2-dichloroethane	3.807	62	486764	18.166	ppbV	98
44) hexane	3.474	57	483920	20.251	ppbV	96
45) diisopropyl ether	3.474	87	424828	20.333	ppbV	96
46) tert-butyl ethyl ether	3.706	59	1238635	20.563	ppbV	100
48) 1,1,1-trichloroethane	3.921	97	973661	20.008	ppbV	100
49) 1,1-dichloropropene	4.072	75	613406	20.718	ppbV	98
50) benzene	4.129	78	1193907	20.612	ppbV	99
51) thiophene	4.185	84	989800	15.645	ppbV	99
52) carbon tetrachloride	4.195	117	855709	20.334	ppbV	98
53) cyclohexane	4.261	56	487980	19.948	ppbV	100
54) tert-amyl methyl ether	4.440	73	1106057	20.400	ppbV	99
55) dibromomethane	4.496	93	508055	20.253	ppbV	96
56) 1,2-dichloropropane	4.525	63	403462	20.530	ppbV	99
57) bromodichloromethane	4.609	83	834635	20.126	ppbV	100
58) 1,4-dioxane	4.647	88	273495	22.778	ppbV	99
59) trichloroethene	4.638	130	597461	19.444	ppbV	100
60) 2,2,4-trimethylpentane	4.685	57	1574458	20.405	ppbV	98
61) methyl methacrylate	4.779	41	377811	20.675	ppbV	100
62) heptane	4.826	43	451507	20.404	ppbV	98
63) cis-1,3-dichloropropene	5.078	75	646412	20.562	ppbV	98
64) 4-methyl-2-pentanone	5.110	43	635970	20.233	ppbV	98
65) trans-1,3-dichloropropene	5.349	75	527464	21.248	ppbV	99
66) 1,1,2-trichloroethane	5.421	97	530301	19.939	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265860.D
Acq On : 03 Oct 2025 12:05 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD020
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 03 06:22:58 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	toluene	5.565	91	1525845	20.506	ppbV	98
70)	2-methylthiophene	5.597	97	1358848	14.904	ppbV	99
71)	1,3-dichloropropane	5.581	76	729707	20.458	ppbV	100
72)	2-hexanone	5.732	43	631320	19.808	ppbV	97
73)	3-methylthiophene	5.684	97	1409426	15.117	ppbV	100
74)	dibromochloromethane	5.756	129	876050	20.377	ppbV	99
75)	1,2-dibromoethane	5.876	107	827182	20.272	ppbV	98
76)	butyl acetate	6.075	73	197858	20.660	ppbV	92
77)	octane	6.115	85	497199	20.558	ppbV	98
78)	tetrachloroethene	6.131	166	756166	19.961	ppbV	98
79)	1,1,1,2-tetrachloroethane	6.454	131	666633	20.283	ppbV	99
80)	chlorobenzene	6.460	112	1248234	20.349	ppbV	98
81)	ethylbenzene	6.662	91	1999832	20.485	ppbV	99
82)	2-ethylthiophene	6.678	97	1692762	14.955	ppbV	99
83)	m+p-xylene	6.754	91	3177589	40.577	ppbV	99
84)	bromoform	6.754	173	832842	20.692	ppbV	99
85)	styrene	6.928	104	1229001	20.867	ppbV	98
86)	1,1,2,2-tetrachloroethane	6.975	83	1152774	20.840	ppbV	100
87)	o-xylene	6.980	91	1548421	20.245	ppbV	100
88)	1,2,3-trichloropropane	7.039	75	857374	19.966	ppbV	98
89)	nonane	7.149	43	741286	20.607	ppbV	99
91)	isopropylbenzene	7.289	105	2225372	20.026	ppbV	100
92)	bromobenzene	7.301	77	1409078	20.323	ppbV	95
93)	2-chlorotoluene	7.515	126	601561	20.224	ppbV	99
94)	n-propylbenzene	7.555	120	658361	20.333	ppbV	86
95)	4-chlorotoluene	7.555	126	610399	19.888	ppbV	98
96)	4-ethyl toluene	7.635	105	2171415	19.626	ppbV	100
97)	1,3,5-trimethylbenzene	7.683	105	1791554	20.357	ppbV	99
98)	tert-butylbenzene	7.890	119	2057467	20.210	ppbV	99
99)	1,2,4-trimethylbenzene	7.890	105	1902251	20.351	ppbV	98
100)	decane	8.002	57	1066792	20.796	ppbV	100
101)	Benzyl Chloride	7.954	91	1692643	21.492	ppbV	100
102)	1,3-dichlorobenzene	7.954	146	1371563	20.245	ppbV	100
103)	1,4-dichlorobenzene	7.994	146	1414546	20.641	ppbV	100
104)	sec-butylbenzene	8.042	105	2844594	20.052	ppbV	99
105)	1,2,3-trimethylbenzene	8.122	105	2090531	20.333	ppbV	99
106)	p-isopropyltoluene	8.138	119	2647442	19.771	ppbV	99
107)	1,2-dichlorobenzene	8.178	146	1368050	20.522	ppbV	99
108)	n-butylbenzene	8.377	91	2396239	20.337	ppbV	99
109)	indan	8.225	117	1802269	20.151	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265860.D
Acq On : 03 Oct 2025 12:05 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD020
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 03 06:22:58 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

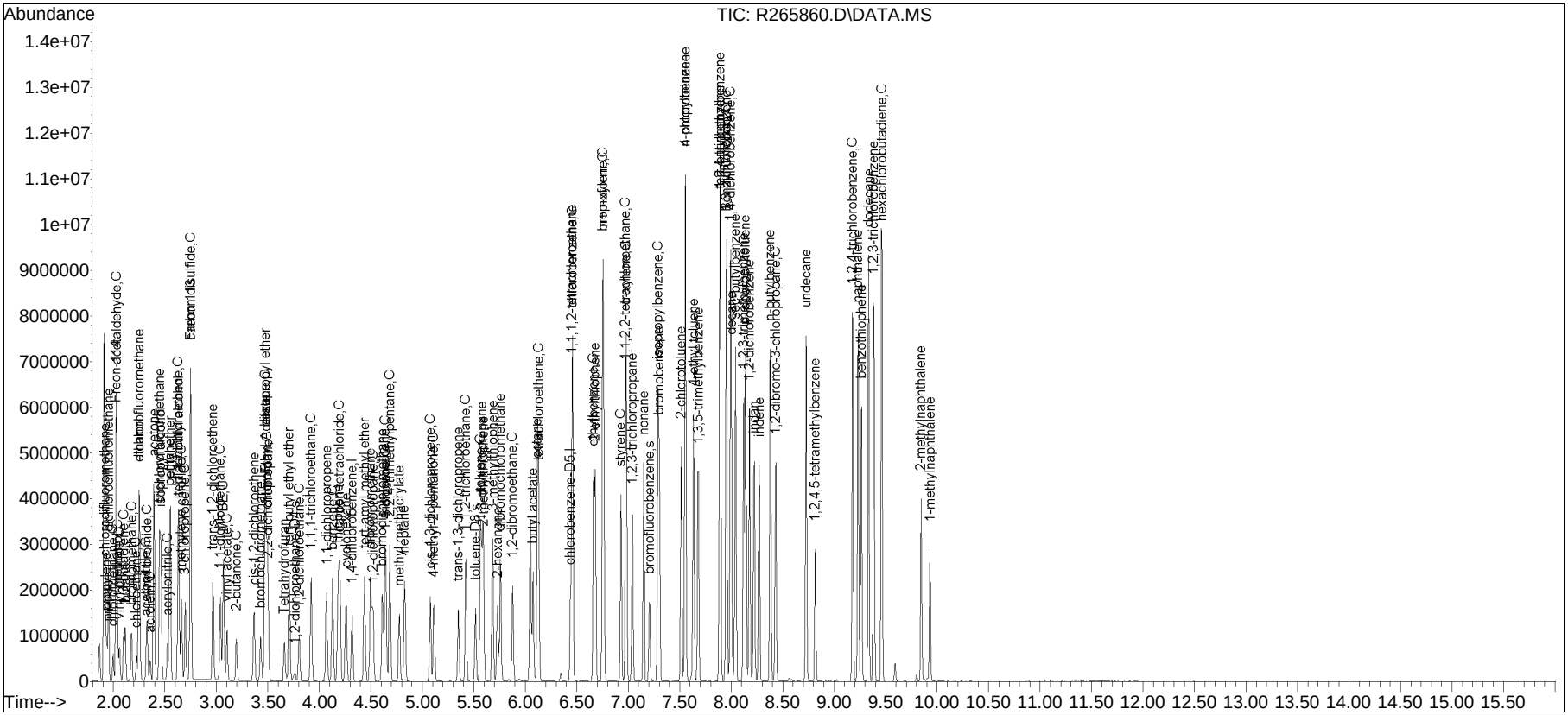
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	8.273	115	1567406	20.476	ppbV	100
111) 1,2-dibromo-3-chloropr...	8.433	75	647070	20.721	ppbV	99
112) undecane	8.728	57	1329210	19.844	ppbV	97
113) 1,2,4,5-tetramethylben...	8.816	119	834234	15.967	ppbV	100
114) dodecane	9.335	57	1569038	19.116	ppbV	99
115) 1,2,4-trichlorobenzene	9.177	180	1369505	19.706	ppbV	99
116) naphthalene	9.230	128	3321475	18.845	ppbV	99
117) 1,2,3-trichlorobenzene	9.382	180	1421780	19.354	ppbV	96
118) benzothiophene	9.265	134	2464606	15.179	ppbV	100
119) hexachlorobutadiene	9.464	225	1037679	19.632	ppbV	99
120) 2-methylnaphthalene	9.844	142	973988	1.535	ppbV	96
121) 1-methylnaphthalene	9.931	142	748828	11.539	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed0\1002T_I\R265859.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265860.D
Acq On : 03 Oct 2025 12:05 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD020
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

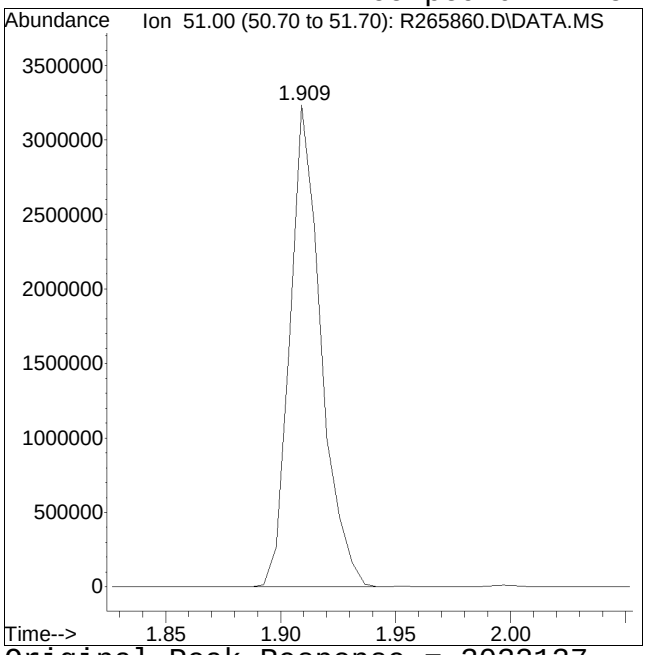
Quant Time: Oct 03 06:22:58 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration



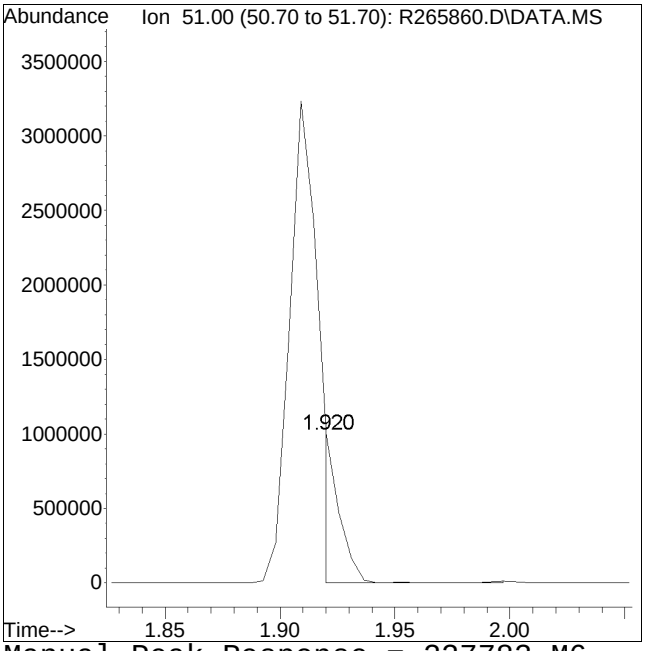
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265860.D Operator : AIRLAB26:RAY
Date Inj'd : 10/3/2025 12:05 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 10/3/2025 6:22 am

Compound #2: chlorodifluoromethane



Original Peak Response = 3032137



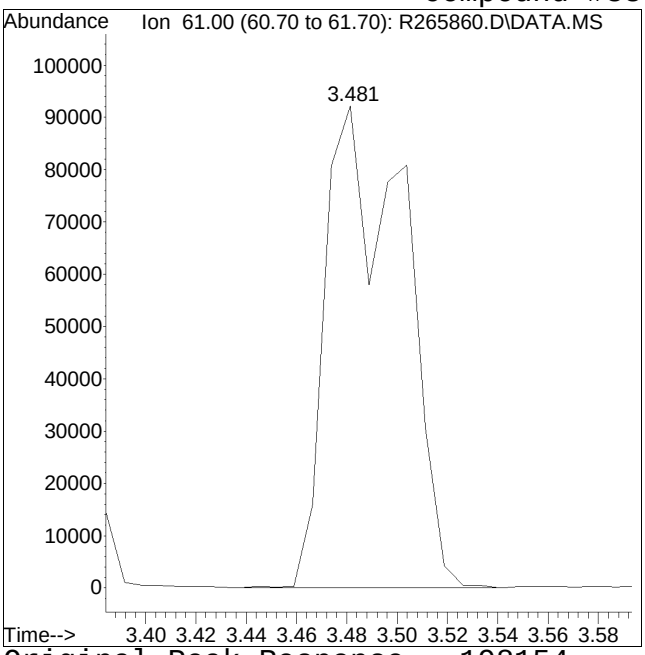
Manual Peak Response = 227783 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

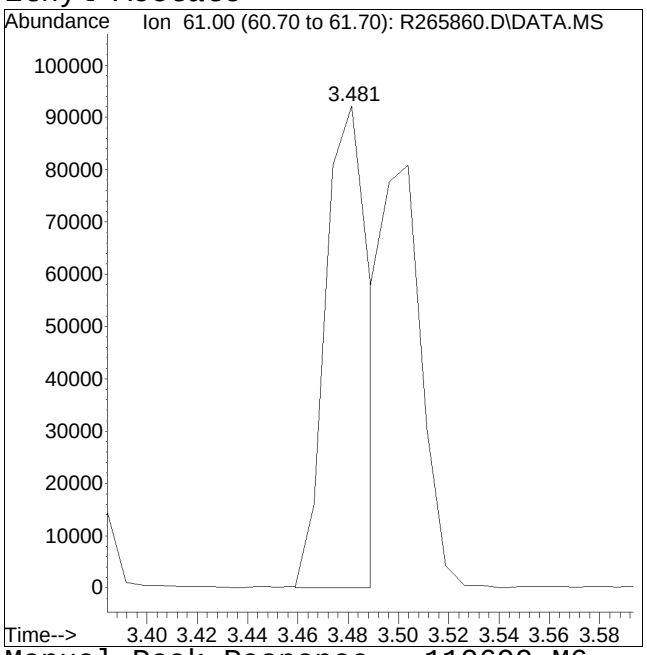
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265860.D Operator : AIRLAB26:RAY
Date Inj'd : 10/3/2025 12:05 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 10/3/2025 6:22 am

Compound #38: Ethyl Acetate



Original Peak Response = 198154



Manual Peak Response = 110699 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265861.D
Acq On : 03 Oct 2025 12:43 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD050
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 03 06:23:08 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	215620	10.000	ppbV	0.00
Standard Area = 205254			Recovery = 105.05%			
43) 1,4-difluorobenzene	4.317	114	782970	10.000	ppbV	0.00
Standard Area = 750079			Recovery = 104.39%			
67) chlorobenzene-D5	6.438	54	121232	10.000	ppbV	0.00
Standard Area = 112061			Recovery = 108.18%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.766	65	67064	10.903	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.03%			
69) toluene-D8	5.517	98	663118	9.539	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.39%			
90) bromofluorobenzene	7.207	95	382122	10.203	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.03%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.915	51	904343M6	48.149	ppbV	
3) propylene	1.931	41	460667	46.113	ppbV	98
4) propane	1.936	29	236558	45.982	ppbV	98
5) dichlorodifluoromethane	1.953	85	2416827	48.134	ppbV	100
6) chloromethane	1.997	50	746983	48.358	ppbV	98
7) Freon-114	2.024	85	2809706	49.895	ppbV	99
8) methanol	2.035	31	1399591	269.439	ppbV	97
9) vinyl chloride	2.057	62	938872	48.253	ppbV	99
10) 1,3-butadiene	2.096	54	625347	48.395	ppbV	96
11) butane	2.112	43	1112248	49.655	ppbV	99
12) acetaldehyde	2.030	29	2337228	270.755	ppbV	93
13) bromomethane	2.173	94	956747	49.093	ppbV	99
14) chloroethane	2.222	64	616988	48.582	ppbV	98
15) ethanol	2.250	31	2205750	324.071	ppbV	95
16) dichlorofluoromethane	2.250	67	1555945	53.675	ppbV	99
17) vinyl bromide	2.323	106	976604	48.174	ppbV	98
18) acrolein	2.357	56	428194	49.270	ppbV	99
19) acetone	2.391	43	6385123	247.985	ppbV	97
20) acetonitrile	2.318	41	671317	50.553	ppbV	99
21) trichlorofluoromethane	2.448	101	2920218	51.220	ppbV	98
22) isopropyl alcohol	2.459	45	3903983	136.790	ppbV	99
23) acrylonitrile	2.527	53	818568	49.439	ppbV	99
24) pentane	2.549	43	1632072	52.947	ppbV	99

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265861.D
Acq On : 03 Oct 2025 12:43 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD050
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 03 06:23:08 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	2.554	31	921557	51.379	ppbV	97
26) 1,1-dichloroethene	2.625	61	1879007	51.265	ppbV	96
27) tertiary butyl alcohol	2.635	59	2706912	53.874	ppbV	99
28) methylene chloride	2.659	49	1234219	49.870	ppbV	100
29) 3-chloropropene	2.697	41	1232022	49.825	ppbV	98
30) carbon disulfide	2.750	76	3121380	48.219	ppbV	98
31) Freon 113	2.750	101	2454882	49.674	ppbV	98
32) trans-1,2-dichloroethene	2.968	61	1708988	49.207	ppbV	99
33) 1,1-dichloroethane	3.038	63	2222582	49.708	ppbV	99
34) MTBE	3.069	73	3289264	49.065	ppbV	98
35) vinyl acetate	3.105	43	2336941	69.614	ppbV	100
36) 2-butanone	3.193	43	1612177	47.649	ppbV	99
37) cis-1,2-dichloroethene	3.362	61	1220029	51.049	ppbV	99
38) Ethyl Acetate	3.481	61	298046M6	51.083	ppbV	
39) chloroform	3.489	83	2045841	50.389	ppbV	99
40) Tetrahydrofuran	3.653	42	655778	51.896	ppbV	98
41) 2,2-dichloropropane	3.504	77	1733866	50.316	ppbV	98
42) 1,2-dichloroethane	3.807	62	1388806	49.340	ppbV	98
44) hexane	3.474	57	1245261	50.854	ppbV	97
45) diisopropyl ether	3.474	87	1088954	50.860	ppbV	93
46) tert-butyl ethyl ether	3.705	59	3059306	49.563	ppbV	99
48) 1,1,1-trichloroethane	3.921	97	2488303	49.899	ppbV	98
49) 1,1-dichloropropene	4.072	75	1547096	50.992	ppbV	99
50) benzene	4.129	78	2931224	49.383	ppbV	97
51) thiophene	4.185	84	2455230	37.871	ppbV	98
52) carbon tetrachloride	4.195	117	2153903	49.948	ppbV	99
53) cyclohexane	4.261	56	1252505	49.965	ppbV	97
54) tert-amyl methyl ether	4.440	73	2822685	50.804	ppbV	98
55) dibromomethane	4.496	93	1284955	49.987	ppbV	96
56) 1,2-dichloropropane	4.524	63	1019618	50.630	ppbV	97
57) bromodichloromethane	4.619	83	2143861	50.449	ppbV	99
58) 1,4-dioxane	4.647	88	709745	57.684	ppbV	98
59) trichloroethene	4.647	130	1497679	47.564	ppbV	98
60) 2,2,4-trimethylpentane	4.685	57	3957759	50.054	ppbV	99
61) methyl methacrylate	4.779	41	1002800	53.552	ppbV	98
62) heptane	4.826	43	1168418	51.526	ppbV	99
63) cis-1,3-dichloropropene	5.078	75	1672361	51.912	ppbV	95
64) 4-methyl-2-pentanone	5.118	43	1655162	51.388	ppbV	99
65) trans-1,3-dichloropropene	5.349	75	1362956	53.580	ppbV	98
66) 1,1,2-trichloroethane	5.421	97	1342041	49.242	ppbV	95

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265861.D
Acq On : 03 Oct 2025 12:43 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD050
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 03 06:23:08 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.565	91	3802651	48.221	ppbV		98
70) 2-methylthiophene	5.596	97	3471140	35.925	ppbV		99
71) 1,3-dichloropropane	5.580	76	1848814	48.910	ppbV		96
72) 2-hexanone	5.732	43	1682347	49.807	ppbV		99
73) 3-methylthiophene	5.684	97	3504910	35.472	ppbV		99
74) dibromochloromethane	5.764	129	2304715	50.584	ppbV		100
75) 1,2-dibromoethane	5.876	107	2125296	49.148	ppbV		99
76) butyl acetate	6.075	73	510774	50.325	ppbV		96
77) octane	6.115	85	1262999	49.275	ppbV		93
78) tetrachloroethene	6.131	166	1890338	47.086	ppbV		96
79) 1,1,1,2-tetrachloroethane	6.460	131	1748394	50.196	ppbV		100
80) chlorobenzene	6.460	112	3244800	49.913	ppbV		97
81) ethylbenzene	6.667	91	4970171	48.039	ppbV		99
82) 2-ethylthiophene	6.683	97	4274215	35.631	ppbV		98
83) m+p-xylene	6.760	91	8174768	98.500	ppbV		96
84) bromoform	6.754	173	2320838	54.408	ppbV		97
85) styrene	6.934	104	3111428	49.848	ppbV		99
86) 1,1,2,2-tetrachloroethane	6.980	83	3029193	51.673	ppbV		97
87) o-xylene	6.986	91	3981358	49.118	ppbV		99
88) 1,2,3-trichloropropane	7.044	75	2221039	48.803	ppbV		97
89) nonane	7.149	43	1961383	51.449	ppbV		98
91) isopropylbenzene	7.289	105	5572234	47.316	ppbV		98
92) bromobenzene	7.300	77	3673017	49.988	ppbV		90
93) 2-chlorotoluene	7.515	126	1559935	49.486	ppbV		96
94) n-propylbenzene	7.555	120	1765572	51.454	ppbV	#	21
95) 4-chlorotoluene	7.555	126	1619470	49.788	ppbV	#	44
96) 4-ethyl toluene	7.635	105	5534984	47.204	ppbV		98
97) 1,3,5-trimethylbenzene	7.682	105	4692579	50.312	ppbV		98
98) tert-butylbenzene	7.890	119	5423872	50.272	ppbV		97
99) 1,2,4-trimethylbenzene	7.898	105	5180911	52.300	ppbV	#	82
100) decane	8.002	57	3028962	55.717	ppbV		94
101) Benzyl Chloride	7.954	91	4859021	58.215	ppbV		99
102) 1,3-dichlorobenzene	7.954	146	3712809M3	51.712	ppbV		
103) 1,4-dichlorobenzene	7.994	146	3714236	51.140	ppbV	#	93
104) sec-butylbenzene	8.042	105	7116638	47.335	ppbV		96
105) 1,2,3-trimethylbenzene	8.122	105	5551461	50.950	ppbV		99
106) p-isopropyltoluene	8.145	119	6955477	49.013	ppbV		94
107) 1,2-dichlorobenzene	8.177	146	3601547	50.980	ppbV		93
108) n-butylbenzene	8.377	91	6284168	50.325	ppbV		99
109) indan	8.225	117	4668888	49.259	ppbV		96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265861.D
Acq On : 03 Oct 2025 12:43 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD050
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 03 06:23:08 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

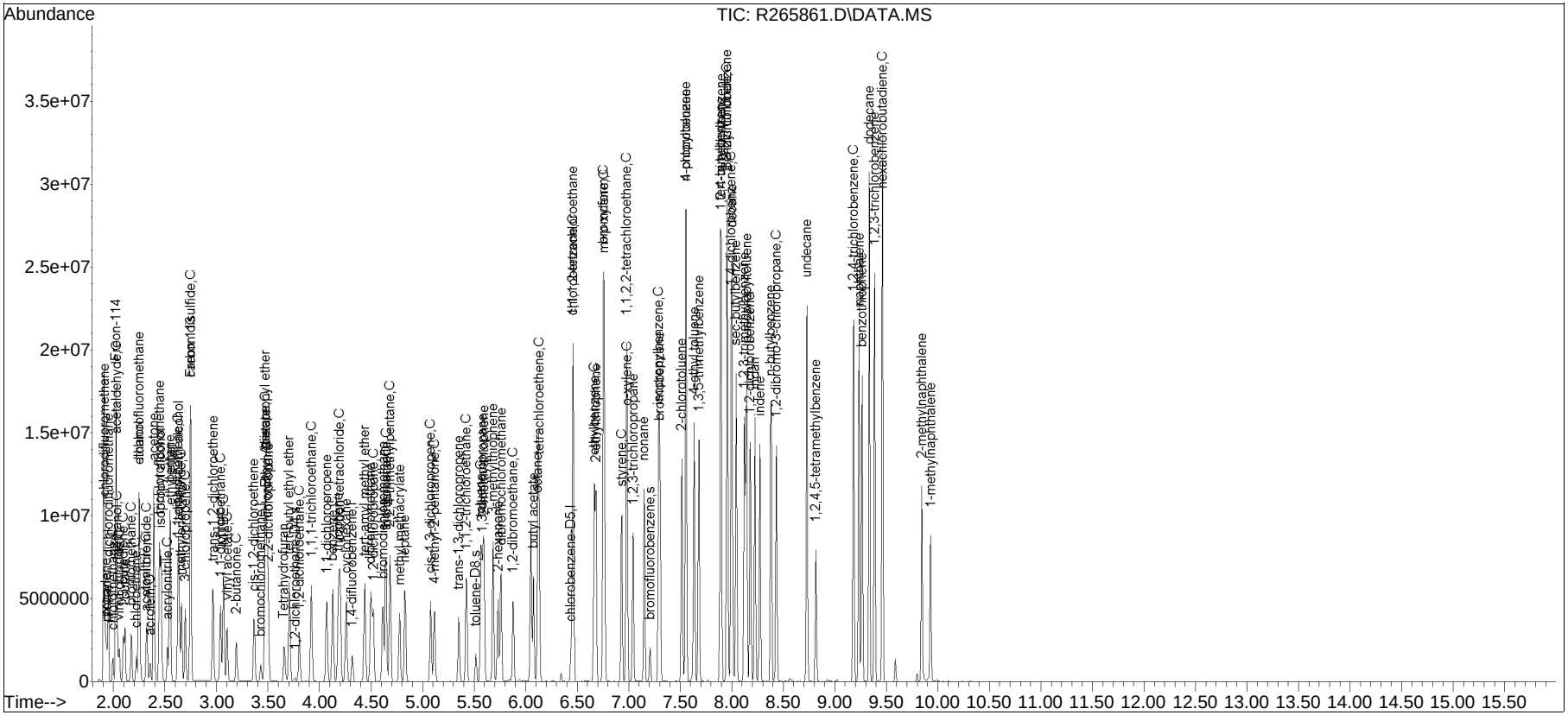
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	8.273	115	4083551	50.335	ppbV		97
111) 1,2-dibromo-3-chloropr...	8.433	75	1829287	55.274	ppbV		91
112) undecane	8.728	57	3628854	51.120	ppbV		94
113) 1,2,4,5-tetramethylben...	8.816	119	2260429	40.824	ppbV		98
114) dodecane	9.335	57	4513877	51.892	ppbV		94
115) 1,2,4-trichlorobenzene	9.183	180	3813960	51.784	ppbV		99
116) naphthalene	9.236	128	8062514	43.163	ppbV	#	90
117) 1,2,3-trichlorobenzene	9.388	180	4049316	52.011	ppbV		96
118) benzothiophene	9.265	134	6599897	38.354	ppbV	#	94
119) hexachlorobutadiene	9.464	225	2898625	51.747	ppbV	#	92
120) 2-methylnaphthalene	9.844	142	2840398	4.224	ppbV		97
121) 1-methylnaphthalene	9.931	142	2386449	34.699	ppbV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed0\1002T_I\R265859.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265861.D
Acq On : 03 Oct 2025 12:43 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD050
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

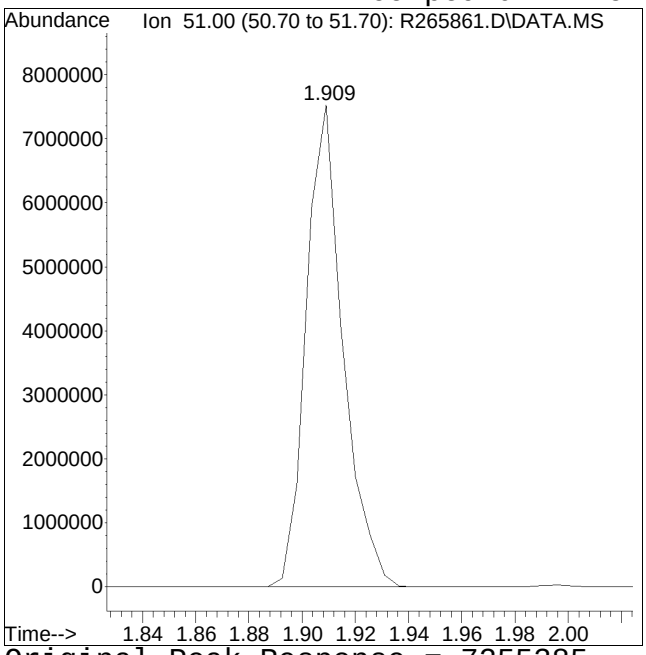
Quant Time: Oct 03 06:23:08 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration



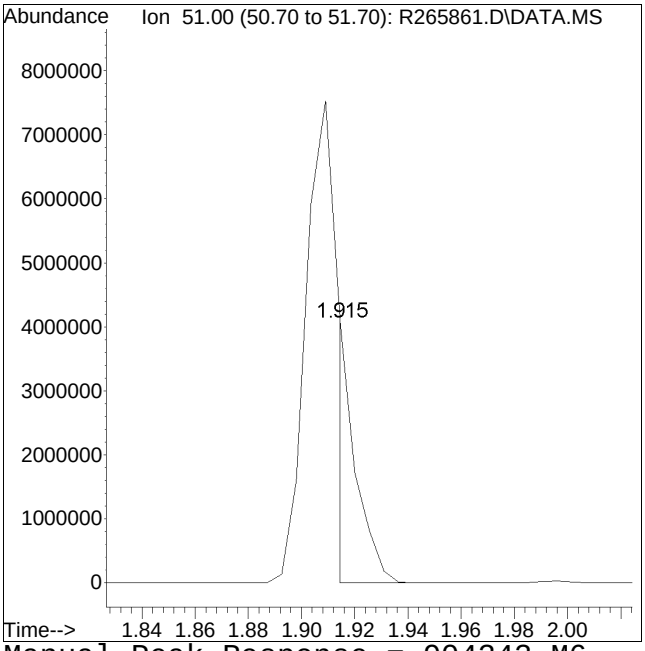
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265861.D Operator : AIRLAB26:RAY
Date Inj'd : 10/3/2025 12:43 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 10/3/2025 6:23 am

Compound #2: chlorodifluoromethane



Original Peak Response = 7255385



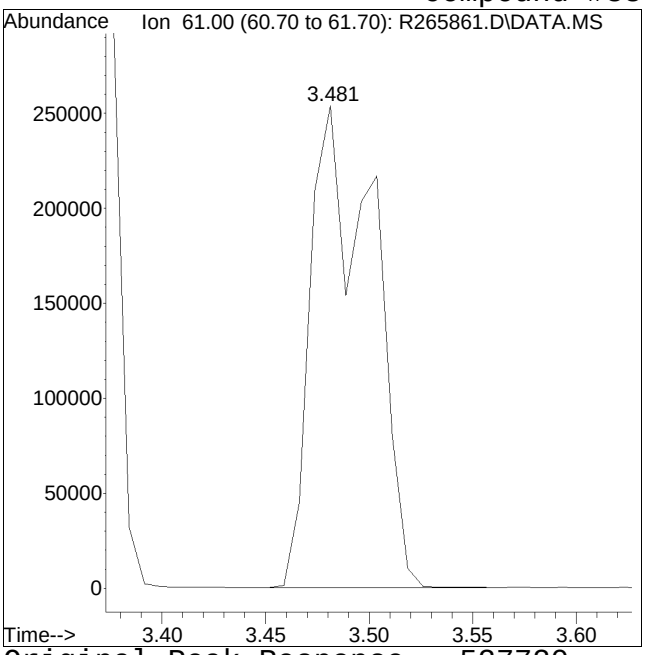
Manual Peak Response = 904343 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

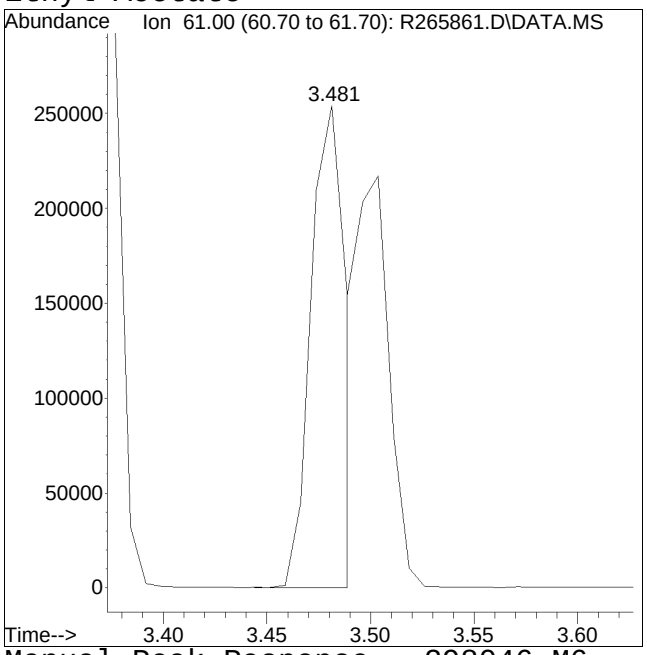
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265861.D Operator : AIRLAB26:RAY
Date Inj'd : 10/3/2025 12:43 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 10/3/2025 6:23 am

Compound #38: Ethyl Acetate



Original Peak Response = 527720



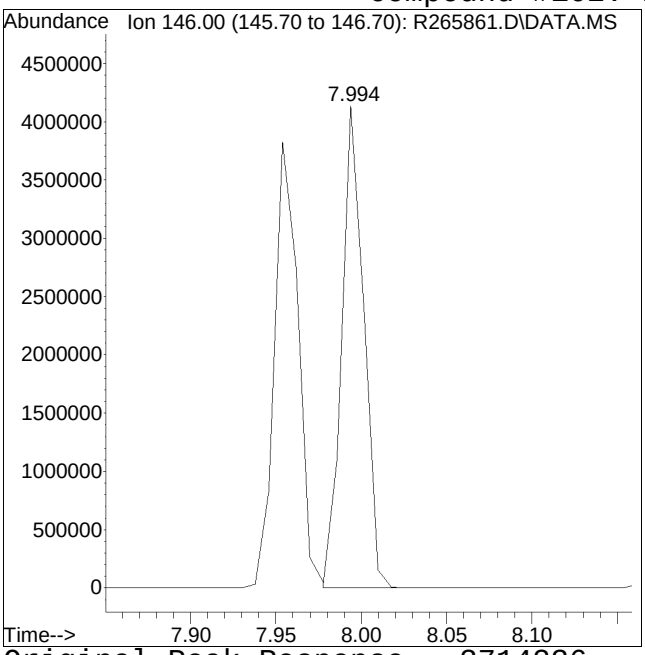
Manual Peak Response = 298046 M6

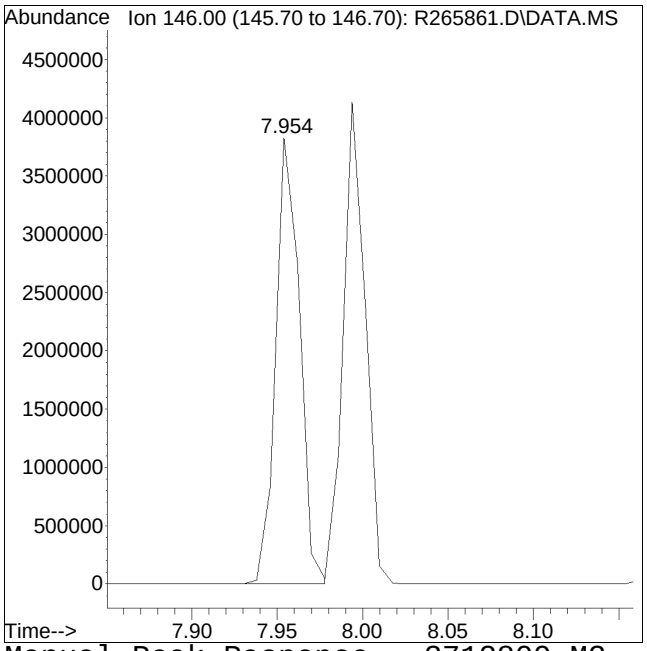
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265861.D Operator : AIRLAB26:RAY
Date Inj'd : 10/3/2025 12:43 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 10/3/2025 6:23 am

Compound #102: 1,3-dichlorobenzene





Original Peak Response = 3714236 Manual Peak Response = 3712809 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265862.D
Acq On : 03 Oct 2025 01:23 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD100
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 03 06:23:17 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	223705	10.000	ppbV	0.00
Standard Area = 205254			Recovery = 108.99%			
43) 1,4-difluorobenzene	4.317	114	794335	10.000	ppbV	0.00
Standard Area = 750079			Recovery = 105.90%			
67) chlorobenzene-D5	6.438	54	132201	10.000	ppbV	0.00
Standard Area = 112061			Recovery = 117.97%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.766	65	67715	10.851	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.51%			
69) toluene-D8	5.517	98	705369	9.305	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.05%			
90) bromofluorobenzene	7.207	95	391532	9.587	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.87%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.915	51	1587420M6	81.462	ppbV	
3) propylene	1.931	41	939025	90.601	ppbV	99
4) propane	1.937	29	497895	93.282	ppbV	93
5) dichlorodifluoromethane	1.948	85	4778776	91.735	ppbV	97
6) chloromethane	1.992	50	1502525	93.755	ppbV	98
7) Freon-114	2.024	85	5535551	94.748	ppbV	95
8) methanol	2.035	31	2926773	543.077	ppbV	86
9) vinyl chloride	2.057	62	1922652	95.244	ppbV	98
10) 1,3-butadiene	2.096	54	1294233	96.539	ppbV	97
11) butane	2.112	43	2331113	100.308	ppbV	99
12) acetaldehyde	2.030	29	4775099	533.177	ppbV	95
13) bromomethane	2.173	94	2138214	105.751	ppbV	100
14) chloroethane	2.222	64	1213743	92.117	ppbV	100
15) ethanol	2.255	31	4739086	671.107	ppbV	100
16) dichlorofluoromethane	2.250	67	2945556	97.939	ppbV	98
17) vinyl bromide	2.323	106	2020295	96.055	ppbV	100
18) acrolein	2.357	56	894258	99.179	ppbV	99
19) acetone	2.391	43	10362522	387.914	ppbV #	55
20) acetonitrile	2.318	41	1420664	103.116	ppbV	98
21) trichlorofluoromethane	2.448	101	5867787	99.199	ppbV	94
22) isopropyl alcohol	2.465	45	7677326	259.281	ppbV	98
23) acrylonitrile	2.527	53	1672348	97.355	ppbV	97
24) pentane	2.549	43	2892857	90.457	ppbV	99

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265862.D
Acq On : 03 Oct 2025 01:23 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD100
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 03 06:23:17 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	2.549	31	1787896	96.077	ppbV	97
26) 1,1-dichloroethene	2.626	61	3756495	98.785	ppbV	99
27) tertiary butyl alcohol	2.640	59	5418528	103.945	ppbV	98
28) methylene chloride	2.659	49	2478804	96.538	ppbV	100
29) 3-chloropropene	2.697	41	2486269	96.915	ppbV	96
30) carbon disulfide	2.750	76	6456471	96.134	ppbV	99
31) Freon 113	2.745	101	4664632	90.976	ppbV	97
32) trans-1,2-dichloroethene	2.963	61	3389444	94.065	ppbV	98
33) 1,1-dichloroethane	3.039	63	4388012	94.591	ppbV	100
34) MTBE	3.070	73	6492583	93.347	ppbV	98
35) vinyl acetate	3.105	43	4953375	142.222	ppbV	98
36) 2-butanone	3.194	43	3594926	102.412	ppbV	99
37) cis-1,2-dichloroethene	3.362	61	2491112	100.467	ppbV	99
38) Ethyl Acetate	3.481	61	614601M6	101.530	ppbV	
39) chloroform	3.496	83	4213077	100.017	ppbV	98
40) Tetrahydrofuran	3.653	42	1356618	103.478	ppbV	98
41) 2,2-dichloropropane	3.504	77	3631868	101.586	ppbV	95
42) 1,2-dichloroethane	3.807	62	2865090	98.109	ppbV	97
44) hexane	3.474	57	2631577	105.930	ppbV	87
45) diisopropyl ether	3.474	87	2277289	104.840	ppbV	84
46) tert-butyl ethyl ether	3.706	59	6259770	99.961	ppbV	99
48) 1,1,1-trichloroethane	3.921	97	5001600	98.865	ppbV	96
49) 1,1-dichloropropene	4.072	75	3101805	100.771	ppbV	96
50) benzene	4.129	78	5964385	99.046	ppbV	96
51) thiophene	4.185	84	5064609	77.001	ppbV	93
52) carbon tetrachloride	4.204	117	4412919	100.869	ppbV	98
53) cyclohexane	4.261	56	2564208	100.828	ppbV	97
54) tert-amyl methyl ether	4.440	73	5712238	101.340	ppbV	95
55) dibromomethane	4.496	93	2641333	101.283	ppbV	95
56) 1,2-dichloropropane	4.525	63	2098511	102.713	ppbV	98
57) bromodichloromethane	4.619	83	4323456	100.283	ppbV	95
58) 1,4-dioxane	4.647	88	1452810	116.386	ppbV	97
59) trichloroethene	4.647	130	3123888	97.790	ppbV	99
60) 2,2,4-trimethylpentane	4.685	57	7789861	97.109	ppbV	94
61) methyl methacrylate	4.779	41	2148288	113.082	ppbV	96
62) heptane	4.836	43	2472365	107.469	ppbV	99
63) cis-1,3-dichloropropene	5.078	75	3433239	105.047	ppbV	93
64) 4-methyl-2-pentanone	5.118	43	3508990	107.385	ppbV	98
65) trans-1,3-dichloropropene	5.349	75	2821111	109.316	ppbV	97
66) 1,1,2-trichloroethane	5.429	97	2746049	99.317	ppbV	96

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265862.D
Acq On : 03 Oct 2025 01:23 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD100
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 03 06:23:17 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	5.565	91	7493307	87.137	ppbV		95
70) 2-methylthiophene	5.597	97	6901122	65.497	ppbV	#	95
71) 1,3-dichloropropane	5.589	76	3822942	92.743	ppbV		92
72) 2-hexanone	5.732	43	3638918	98.794	ppbV		97
73) 3-methylthiophene	5.684	97	7069651M3	65.614	ppbV		
74) dibromochloromethane	5.764	129	4842533	97.466	ppbV		97
75) 1,2-dibromoethane	5.884	107	4378869	92.860	ppbV		98
76) butyl acetate	6.075	73	1073959	97.033	ppbV		96
77) octane	6.123	85	2762427	98.832	ppbV		96
78) tetrachloroethene	6.131	166	4018172	91.784	ppbV	#	88
79) 1,1,1,2-tetrachloroethane	6.460	131	3794585	99.904	ppbV		98
80) chlorobenzene	6.465	112	6779794	95.636	ppbV		94
81) ethylbenzene	6.667	91	9471832	83.953	ppbV	#	84
82) 2-ethylthiophene	6.684	97	8318187	63.590	ppbV	#	85
83) m+p-xylene	6.755	91	13958498M3	154.234	ppbV		
84) bromoform	6.760	173	5079286	109.195	ppbV		94
85) styrene	6.934	104	6330662	93.008	ppbV		95
86) 1,1,2,2-tetrachloroethane	6.980	83	6601166	103.261	ppbV		96
87) o-xylene	6.986	91	8508805	96.263	ppbV		95
88) 1,2,3-trichloropropane	7.044	75	4655436	93.807	ppbV	#	95
89) nonane	7.155	43	4415382	106.211	ppbV		96
91) isopropylbenzene	7.289	105	9459916	73.663	ppbV	#	84
92) bromobenzene	7.306	77	8135024	101.527	ppbV		98
93) 2-chlorotoluene	7.515	126	3240110	94.258	ppbV		92
94) n-propylbenzene	7.555	120	3923103	104.844	ppbV	#	1
95) 4-chlorotoluene	7.563	126	3630936	102.366	ppbV	#	1
96) 4-ethyl toluene	7.635	105	9842571	76.976	ppbV	#	75
97) 1,3,5-trimethylbenzene	7.683	105	8401641	82.604	ppbV	#	77
98) tert-butylbenzene	7.898	119	10224055	86.901	ppbV	#	85
99) 1,2,4-trimethylbenzene	7.898	105	9328929	86.359	ppbV	#	79
100) decane	8.002	57	6663839	112.409	ppbV	#	91
101) Benzyl Chloride	7.954	91	9351847	102.746	ppbV	#	87
102) 1,3-dichlorobenzene	7.962	146	7597741	97.041	ppbV	#	85
103) 1,4-dichlorobenzene	8.002	146	7659163	96.706	ppbV	#	88
104) sec-butylbenzene	8.042	105	10249430	62.516	ppbV	#	63
105) 1,2,3-trimethylbenzene	8.130	105	10458728	88.023	ppbV	#	71
106) p-isopropyltoluene	8.146	119	11729659	75.797	ppbV	#	47
107) 1,2-dichlorobenzene	8.186	146	7598131	98.628	ppbV	#	86
108) n-butylbenzene	8.385	91	9949609	73.067	ppbV	#	41
109) indan	8.225	117	9234406	89.343	ppbV	#	79

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265862.D
Acq On : 03 Oct 2025 01:23 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD100
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 03 06:23:17 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default - All compounds listed

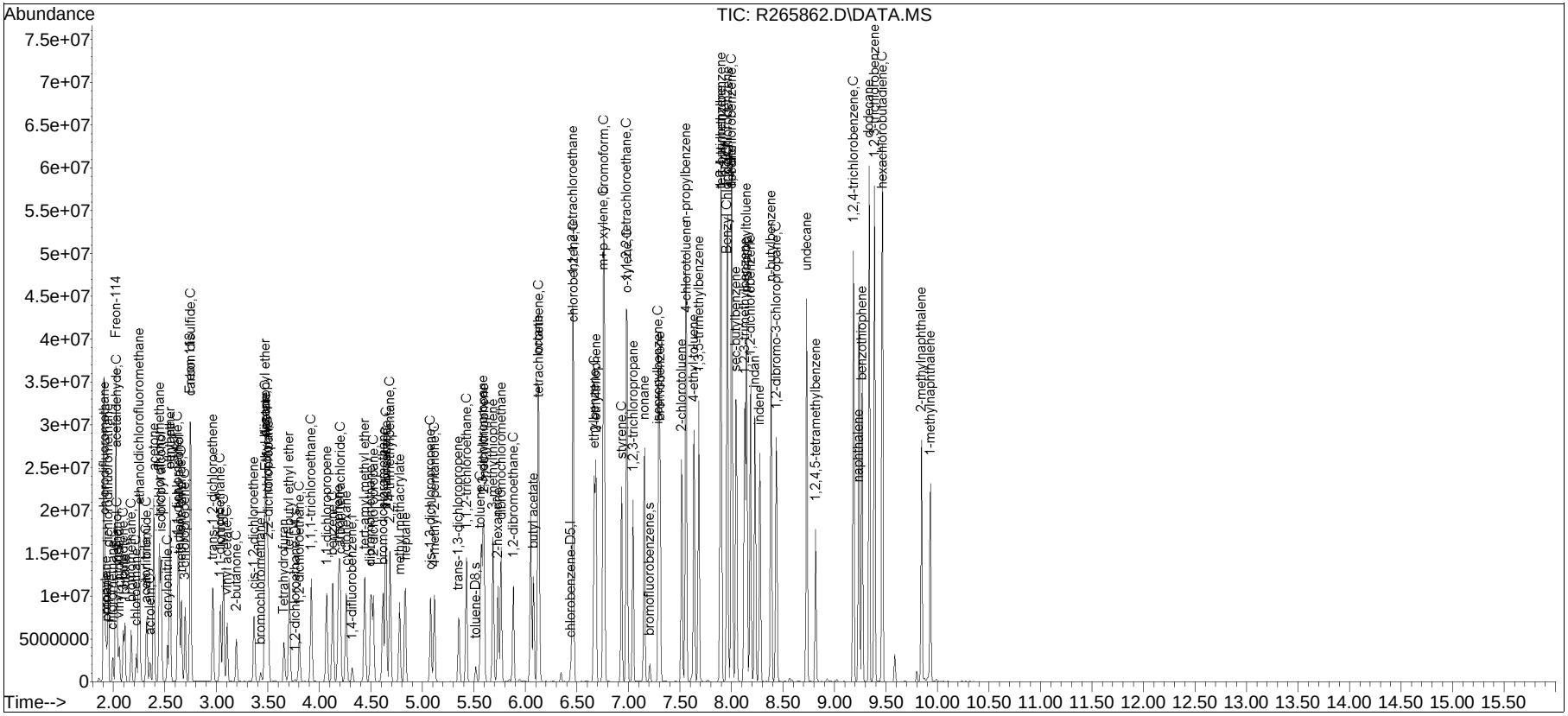
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	8.273	115	8475606	95.805	ppbV	#	96
111) 1,2-dibromo-3-chloropr...	8.433	75	4422379	122.541	ppbV	#	83
112) undecane	8.728	57	7584635	97.980	ppbV	#	84
113) 1,2,4,5-tetramethylben...	8.816	119	4985312	82.565	ppbV		95
114) dodecane	9.335	57	8085578	85.240	ppbV	#	63
115) 1,2,4-trichlorobenzene	9.183	180	8327683	103.687	ppbV	#	83
116) naphthalene	9.230	128	11143863	54.708	ppbV	#	91
117) 1,2,3-trichlorobenzene	9.388	180	8471449	99.782	ppbV	#	71
118) benzothiophene	9.265	134	9685030	51.613	ppbV	#	68
119) hexachlorobutadiene	9.464	225	5875525	96.188	ppbV	#	83
120) 2-methylnaphthalene	9.844	142	6677309	9.105	ppbV		99
121) 1-methylnaphthalene	9.931	142	5620780	74.946	ppbV		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed0\1002T_I\R265859.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265862.D
Acq On : 03 Oct 2025 01:23 am
Operator : AIRLAB26:RAY
Sample : ITO15-LLSTD100
Misc : WG2123676
ALS Vial : 8 Sample Multiplier: 1

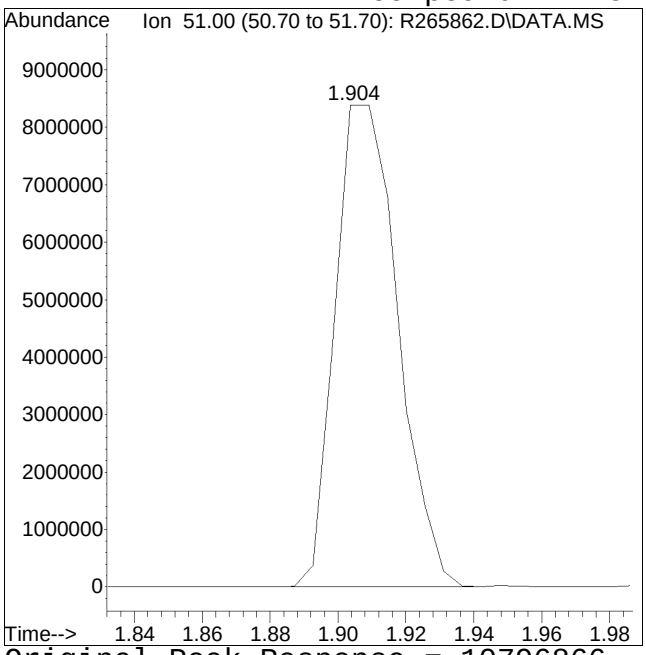
Quant Time: Oct 03 06:23:17 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 06:21:38 2025
Response via : Initial Calibration



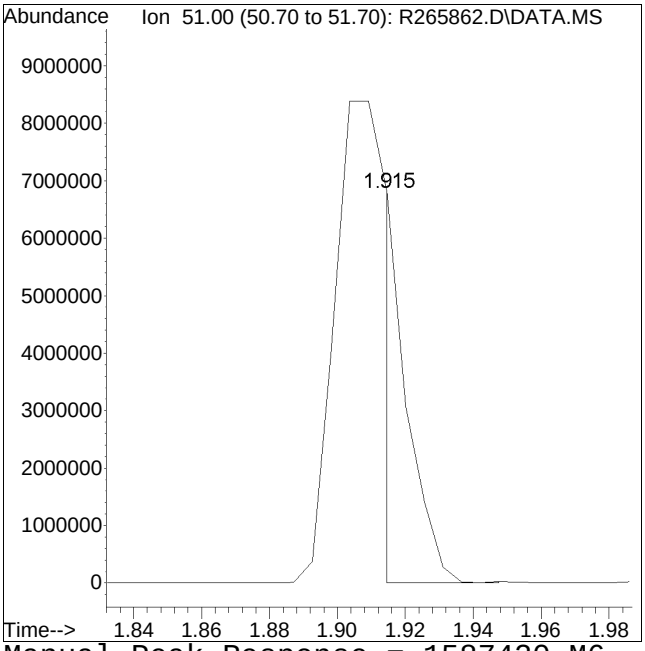
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265862.D Operator : AIRLAB26:RAY
Date Inj'd : 10/3/2025 1:23 am Instrument : Airlab26
Sample : ITO15-LLSTD100 Quant Date : 10/3/2025 6:23 am

Compound #2: chlorodifluoromethane



Original Peak Response = 10796866



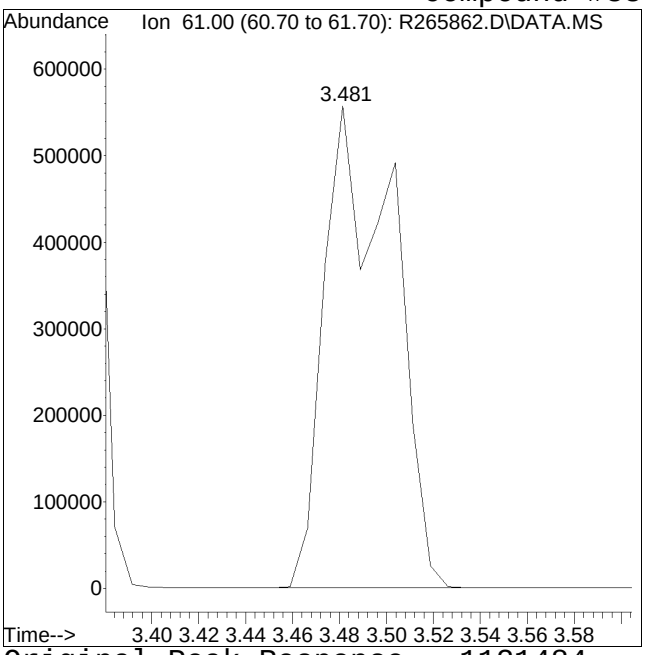
Manual Peak Response = 1587420 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

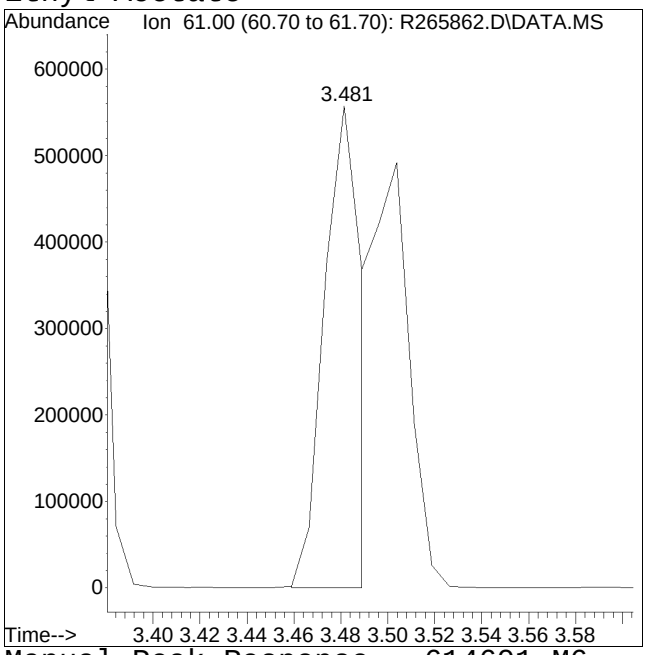
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265862.D Operator : AIRLAB26:RAY
Date Inj'd : 10/3/2025 1:23 am Instrument : Airlab26
Sample : ITO15-LLSTD100 Quant Date : 10/3/2025 6:23 am

Compound #38: Ethyl Acetate



Original Peak Response = 1121484



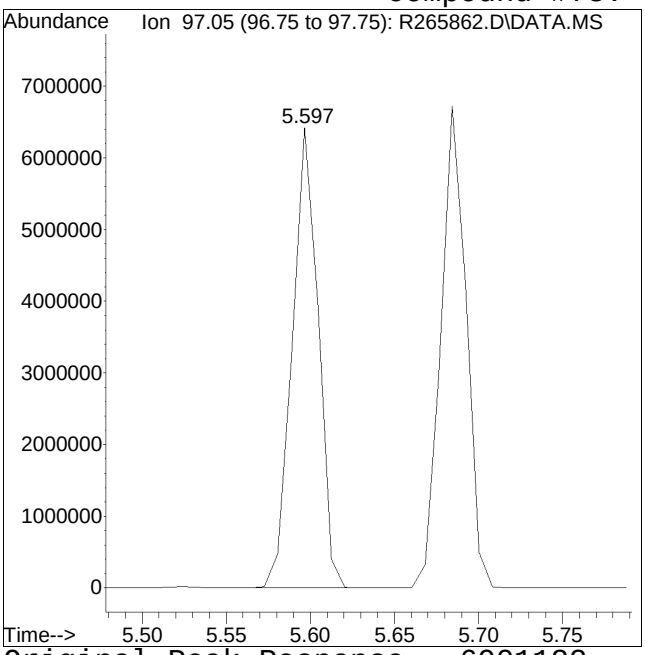
Manual Peak Response = 614601 M6

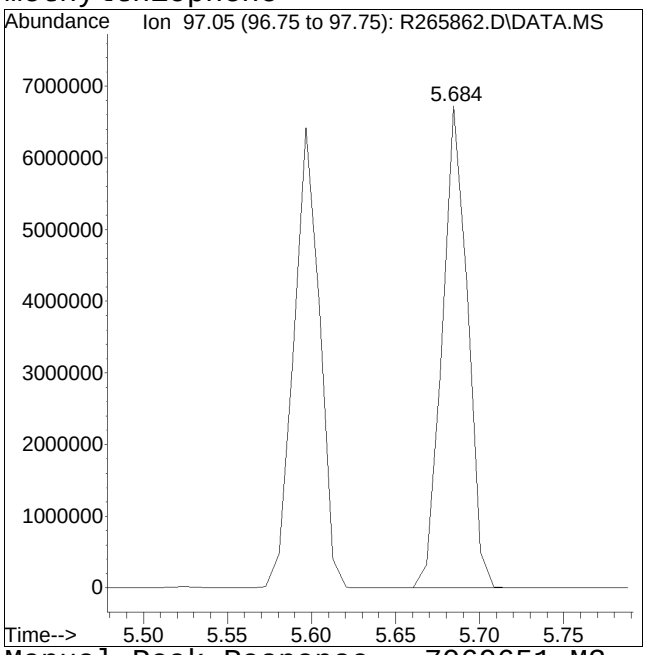
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265862.D Operator : AIRLAB26:RAY
Date Inj'd : 10/3/2025 1:23 am Instrument : Airlab26
Sample : ITO15-LLSTD100 Quant Date : 10/3/2025 6:23 am

Compound #73: 3-methylthiophene



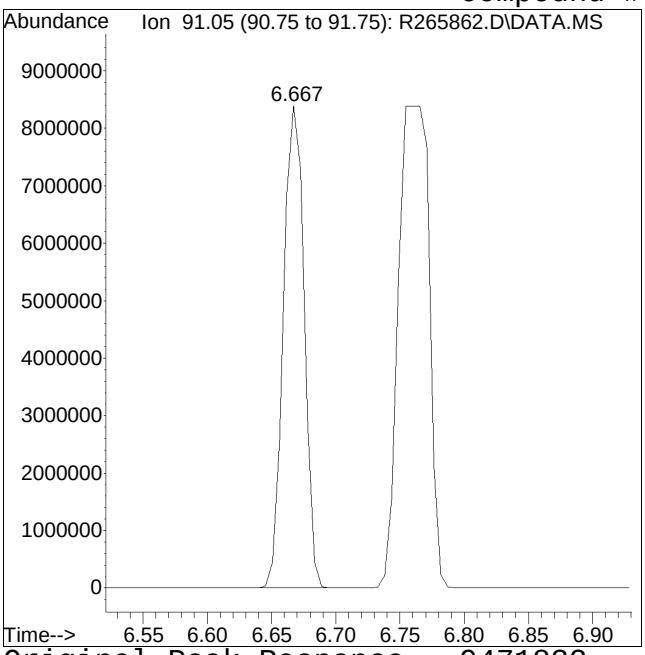


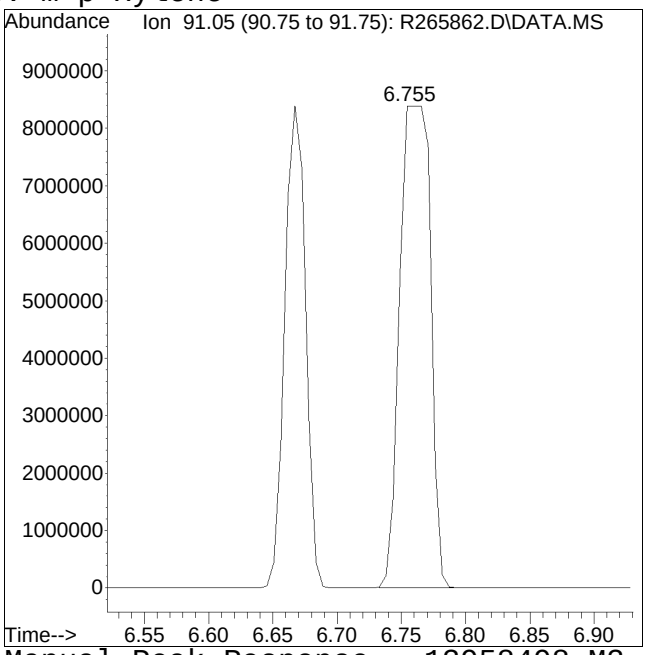
Original Peak Response = 6901122 Manual Peak Response = 7069651 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265862.D Operator : AIRLAB26:RAY
Date Inj'd : 10/3/2025 1:23 am Instrument : Airlab26
Sample : ITO15-LLSTD100 Quant Date : 10/3/2025 6:23 am

Compound #83: m+p-xylene





Original Peak Response = 9471832 Manual Peak Response = 13958498 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265865.D
Acq On : 03 Oct 2025 05:17 pm
Operator : AIRLAB26:APR
Sample : CTO15-LLSTD010
Misc : WG2123676
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 10:03:56 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	102	0.00
2		chlorodifluoromethane	0.750	0.945	-26.0	110	0.01
3		propylene	0.484	0.478	1.2	105	0.00
4		propane	0.247	0.252	-2.0	108	0.00
5		dichlorodifluoromethane	2.396	2.516	-5.0	110	0.00
6	C	chloromethane	0.752	0.712	5.3	101	0.00
7		Freon-114	2.691	3.010	-11.9	117	0.00
8	C	methanol	0.256	0.213	16.8	90	0.00
9	C	vinyl chloride	0.929	0.967	-4.1	109	0.00
10	C	1,3-butadiene	0.606	0.640	-5.6	109	0.00
11		butane	1.103	1.034	6.3	101	0.00
13	C	bromomethane	0.958	1.051	-9.7	118	0.00
14	C	chloroethane	0.608	0.629	-3.5	109	0.00
15		ethanol	0.397	0.334	15.9	108	0.00
16		dichlorofluoromethane	1.660	1.751	-5.5	133	0.00
17	C	vinyl bromide	0.963	1.008	-4.7	109	0.00
18	C	acrolein	0.406	0.344	15.3	87	0.00
19		acetone	1.211	1.185	2.1	101	0.00
20	C	acetonitrile	0.668	0.576	13.8	95	0.00
21		trichlorofluoromethane	2.752	2.932	-6.5	113	0.00
22		isopropyl alcohol	1.456	1.267	13.0	97	0.00
23	C	acrylonitrile	0.800	0.730	8.8	97	0.00
24		pentane	1.580	1.588	-0.5	113	0.00
25		ethyl ether	0.946	0.890	5.9	109	0.00
26	C	1,1-dichloroethene	1.785	1.936	-8.5	116	0.00
27		tertiary butyl alcohol	2.462	2.108	14.4	92	0.00
28	C	methylene chloride	1.208	1.305	-8.0	116	0.00
29	C	3-chloropropene	1.173	1.209	-3.1	107	0.00
30	C	carbon disulfide	3.105	3.080	0.8	104	0.00
31		Freon 113	2.367	2.542	-7.4	113	0.00
32		trans-1,2-dichloroethene	1.630	1.701	-4.4	108	0.00
33	C	1,1-dichloroethane	2.131	2.243	-5.3	110	0.00
34	C	MTBE	3.132	3.453	-10.2	113	0.00
35	C	vinyl acetate	1.727	1.136	34.2#	74	0.00
36	C	2-butanone	1.514	1.585	-4.7	103	0.00
37		cis-1,2-dichloroethene	1.124	1.245	-10.8	114	0.00
38		Ethyl Acetate	0.289	0.278	3.8	105	0.00
39	C	chloroform	1.966	2.064	-5.0	112	0.00
40		Tetrahydrofuran	0.633	0.725	-14.5	126	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265865.D
Acq On : 03 Oct 2025 05:17 pm
Operator : AIRLAB26:APR
Sample : CTO15-LLSTD010
Misc : WG2123676
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 10:03:56 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	1.638	1.643	-0.3	105	0.00
42	C	1,2-dichloroethane	1.242	1.402	-12.9	109	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	103	0.00
44	C	hexane	0.322	0.353	-9.6	116	0.00
45		diisopropyl ether	0.275	0.280	-1.8	106	0.00
46		tert-butyl ethyl ether	0.792	0.805	-1.6	105	0.00
47	s	1,2-dichloroethane-D4	0.083	0.089	-7.2	116	0.00
48	C	1,1,1-trichloroethane	0.602	0.679	-12.8	110	0.00
49		1,1-dichloropropene	0.388	0.413	-6.4	110	0.00
50	C	benzene	0.778	0.828	-6.4	113	0.00
52	C	carbon tetrachloride	0.560	0.595	-6.2	111	0.00
53		cyclohexane	0.318	0.353	-11.0	114	0.00
54		tert-amyl methyl ether	0.714	0.751	-5.2	109	0.00
55		dibromomethane	0.336	0.328	2.4	103	0.00
56	C	1,2-dichloropropane	0.271	0.285	-5.2	114	0.00
57		bromodichloromethane	0.540	0.587	-8.7	112	0.00
58	C	1,4-dioxane	0.169	0.171	-1.2	113	0.00
59	C	trichloroethene	0.401	0.423	-5.5	109	0.00
60	C	2,2,4-trimethylpentane	1.017	1.132	-11.3	116	0.00
61		methyl methacrylate	0.243	0.244	-0.4	105	0.00
62		heptane	0.301	0.332	-10.3	118	0.00
63	C	cis-1,3-dichloropropene	0.416	0.484	-16.3	121	0.00
64	C	4-methyl-2-pentanone	0.413	0.462	-11.9	116	0.00
65		trans-1,3-dichloropropene	0.332	0.426	-28.3	135	0.00
66	C	1,1,2-trichloroethane	0.349	0.368	-5.4	109	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	100	0.00
68	C	toluene	6.613	7.503	-13.5	115	0.00
69	s	toluene-D8	5.747	5.999	-4.4	105	0.00
71		1,3-dichloropropane	3.185	3.150	1.1	101	0.00
72		2-hexanone	2.682	2.954	-10.1	106	0.00
74		dibromochloromethane	3.720	4.285	-15.2	114	0.00
75	C	1,2-dibromoethane	3.602	4.007	-11.2	112	0.00
76		butyl acetate	0.839	0.880	-4.9	105	0.00
77		octane	2.092	2.199	-5.1	104	0.00
78	C	tetrachloroethene	3.422	3.512	-2.6	106	0.00
79		1,1,1,2-tetrachloroethane	2.942	2.864	2.7	100	0.00
80	C	chlorobenzene	5.555	5.874	-5.7	110	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265865.D
Acq On : 03 Oct 2025 05:17 pm
Operator : AIRLAB26:APR
Sample : CTO15-LLSTD010
Misc : WG2123676
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 10:03:56 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	C	ethylbenzene	8.447	9.586	-13.5	112	0.00
83	C	m+p-xylene	6.765	7.738	-14.4	113	0.00
84	C	bromoform	3.501	3.955	-13.0	112	0.00
85	C	styrene	5.053	5.766	-14.1	112	0.00
86	C	1,1,2,2-tetrachloroethane	5.038	5.348	-6.2	111	0.00
87	C	o-xylene	6.785	7.571	-11.6	113	0.00
88		1,2,3-trichloropropane	3.791	3.782	0.2	101	0.00
89		nonane	3.137	3.296	-5.1	105	0.00
90	s	bromofluorobenzene	3.138	3.301	-5.2	107	0.00
91	C	isopropylbenzene	9.319	10.272	-10.2	106	0.00
92		bromobenzene	6.229	6.122	1.7	101	0.00
93		2-chlorotoluene	2.605	2.585	0.8	99	0.00
94		n-propylbenzene	2.886	2.852	1.2	101	0.00
95		4-chlorotoluene	2.732	2.530	7.4	94	0.00
96		4-ethyl toluene	9.195	10.690	-16.3	111	0.00
97		1,3,5-trimethylbenzene	7.642	8.961	-17.3	117	0.00
98		tert-butylbenzene	8.843	9.191	-3.9	103	0.00
99		1,2,4-trimethylbenzene	8.076	9.318	-15.4	114	0.00
100		decane	4.548	4.665	-2.6	104	0.00
101	C	Benzyl Chloride	6.923	6.025	13.0	88	0.00
102		1,3-dichlorobenzene	6.110	6.270	-2.6	106	0.00
103	C	1,4-dichlorobenzene	6.174	6.452	-4.5	108	0.00
104		sec-butylbenzene	11.767	12.196	-3.6	98	0.00
106		p-isopropyltoluene	11.265	11.990	-6.4	102	0.00
107		1,2-dichlorobenzene	5.990	6.188	-3.3	106	0.00
108		n-butylbenzene	9.920	10.601	-6.9	103	0.00
111	C	1,2-dibromo-3-chloropropane	2.824	2.536	10.2	93	0.00
112		undecane	5.462	5.887	-7.8	101	0.00
114		dodecane	6.254	7.397	-18.3	103	0.00
115	C	1,2,4-trichlorobenzene	6.083	6.071	0.2	100	0.00
116		naphthalene	13.545	14.822	-9.4	96	0.00
117		1,2,3-trichlorobenzene	6.203	6.224	-0.3	97	0.00
119	C	hexachlorobutadiene	4.546	3.958	12.9	86	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265865.D
Acq On : 03 Oct 2025 05:17 pm
Operator : AIRLAB26:APR
Sample : CTO15-LLSTD010
Misc : WG2123676
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 10:03:56 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:50 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	209045	10.000	ppbV	0.00
Standard Area = 205254			Recovery = 101.85%			
43) 1,4-difluorobenzene	4.317	114	773912	10.000	ppbV	0.00
Standard Area = 750079			Recovery = 103.18%			
67) chlorobenzene-D5	6.438	54	112141	10.000	ppbV	0.00
Standard Area = 112061			Recovery = 100.07%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	3.766	65	68538	10.662	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.62%			
69) toluene-D8	5.517	98	672737	10.438	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.38%			
90) bromofluorobenzene	7.207	95	370122	10.518	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.18%			
Target Compounds						Qvalue
2) chlorodifluoromethane	1.926	51	197485	12.602	ppbV #	50
3) propylene	1.937	41	99823	9.866	ppbV	97
4) propane	1.942	29	52652	10.186	ppbV #	81
5) dichlorodifluoromethane	1.953	85	525982	10.500	ppbV	100
6) chloromethane	1.997	50	148935	9.472	ppbV	100
7) Freon-114	2.030	85	629249	11.184	ppbV	96
8) methanol	2.041	31	222866	41.653	ppbV #	62
9) vinyl chloride	2.063	62	202117	10.411	ppbV	95
10) 1,3-butadiene	2.101	54	133810	10.563	ppbV	98
11) butane	2.118	43	216192	9.378	ppbV	99
13) bromomethane	2.178	94	219604	10.961	ppbV	99
14) chloroethane	2.228	64	131559	10.346	ppbV	98
15) ethanol	2.256	31	349548	42.146	ppbV	98
16) dichlorofluoromethane	2.250	67	366001	10.547	ppbV	100
17) vinyl bromide	2.329	106	210793	10.473	ppbV	97
18) acrolein	2.357	56	71867	8.461	ppbV	99
19) acetone	2.397	43	1238773	48.927	ppbV	100
20) acetonitrile	2.323	41	120367	8.622	ppbV	99
21) trichlorofluoromethane	2.448	101	612939	10.655	ppbV	99
22) isopropyl alcohol	2.465	45	662074	21.748	ppbV	99
23) acrylonitrile	2.527	53	152523	9.116	ppbV	97
24) pentane	2.554	43	331957	10.048	ppbV	99
25) ethyl ether	2.554	31	186087	9.408	ppbV	95

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265865.D
Acq On : 03 Oct 2025 05:17 pm
Operator : AIRLAB26:APR
Sample : CTO15-LLSTD010
Misc : WG2123676
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 10:03:56 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:50 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) 1,1-dichloroethene	2.630	61	404764	10.847	ppbV	98
27) tertiary butyl alcohol	2.635	59	440689	8.562	ppbV	98
28) methylene chloride	2.664	49	272797	10.806	ppbV	97
29) 3-chloropropene	2.697	41	252829	10.307	ppbV	99
30) carbon disulfide	2.750	76	643841	9.920	ppbV	100
31) Freon 113	2.750	101	531454	10.739	ppbV	99
32) trans-1,2-dichloroethene	2.968	61	355680	10.437	ppbV	99
33) 1,1-dichloroethane	3.039	63	468824	10.523	ppbV	99
34) MTBE	3.070	73	721767	11.022	ppbV	99
35) vinyl acetate	3.105	43	237572	6.579	ppbV	96
36) 2-butanone	3.194	43	331412	10.474	ppbV	100
37) cis-1,2-dichloroethene	3.369	61	260319	11.077	ppbV	96
38) Ethyl Acetate	3.481	61	58183M6	9.644	ppbV	
39) chloroform	3.489	83	431498	10.501	ppbV	98
40) Tetrahydrofuran	3.661	42	151591	11.457	ppbV	98
41) 2,2-dichloropropane	3.504	77	343529	10.035	ppbV	98
42) 1,2-dichloroethane	3.807	62	293091	11.290	ppbV	96
44) hexane	3.474	57	272973	10.965	ppbV	80
45) diisopropyl ether	3.474	87	216905	10.180	ppbV	97
46) tert-butyl ethyl ether	3.706	59	623131	10.169	ppbV	98
48) 1,1,1-trichloroethane	3.921	97	525680	11.279	ppbV	97
49) 1,1-dichloropropene	4.072	75	319491	10.647	ppbV	98
50) benzene	4.129	78	641059	10.643	ppbV	99
52) carbon tetrachloride	4.195	117	460172	10.609	ppbV	100
53) cyclohexane	4.261	56	273349	11.117	ppbV	98
54) tert-amyl methyl ether	4.440	73	580826	10.514	ppbV	100
55) dibromomethane	4.496	93	253727	9.755	ppbV	96
56) 1,2-dichloropropane	4.525	63	220265	10.507	ppbV	96
57) bromodichloromethane	4.609	83	454343	10.872	ppbV	100
58) 1,4-dioxane	4.647	88	132642	10.144	ppbV	95
59) trichloroethene	4.638	130	327561	10.543	ppbV	99
60) 2,2,4-trimethylpentane	4.685	57	875893	11.126	ppbV	98
61) methyl methacrylate	4.779	41	188591	10.024	ppbV	99
62) heptane	4.826	43	256580	11.015	ppbV	98
63) cis-1,3-dichloropropene	5.078	75	374492	11.628	ppbV	97
64) 4-methyl-2-pentanone	5.118	43	357508	11.186	ppbV	99
65) trans-1,3-dichloropropene	5.349	75	329443	12.841	ppbV	99
66) 1,1,2-trichloroethane	5.421	97	284620	10.526	ppbV	98
68) toluene	5.565	91	841372	11.345	ppbV	98
71) 1,3-dichloropropane	5.581	76	353252	9.891	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265865.D
Acq On : 03 Oct 2025 05:17 pm
Operator : AIRLAB26:APR
Sample : CTO15-LLSTD010
Misc : WG2123676
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 10:03:56 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:50 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 2-hexanone	5.732	43	331223	11.012	ppbV	99
74) dibromochloromethane	5.756	129	480571	11.519	ppbV	99
75) 1,2-dibromoethane	5.876	107	449341	11.125	ppbV	99
76) butyl acetate	6.075	73	98727	10.494	ppbV	96
77) octane	6.115	85	246592	10.509	ppbV	98
78) tetrachloroethene	6.131	166	393827	10.262	ppbV	96
79) 1,1,1,2-tetrachloroethane	6.454	131	321207	9.736	ppbV	97
80) chlorobenzene	6.460	112	658717	10.573	ppbV	99
81) ethylbenzene	6.662	91	1074968	11.348	ppbV	97
83) m+p-xylene	6.760	91	1735411	22.875	ppbV	99
84) bromoform	6.755	173	443553	11.297	ppbV	98
85) styrene	6.928	104	646567	11.411	ppbV	98
86) 1,1,2,2-tetrachloroethane	6.975	83	599686	10.615	ppbV	99
87) o-xylene	6.980	91	849019	11.159	ppbV	99
88) 1,2,3-trichloropropane	7.039	75	424120	9.977	ppbV	99
89) nonane	7.149	43	369570	10.507	ppbV	97
91) isopropylbenzene	7.289	105	1151877	11.023	ppbV	98
92) bromobenzene	7.301	77	686472	9.827	ppbV	94
93) 2-chlorotoluene	7.515	126	289894	9.924	ppbV	97
94) n-propylbenzene	7.555	120	319802	9.881	ppbV	93
95) 4-chlorotoluene	7.555	126	283662	9.258	ppbV	75
96) 4-ethyl toluene	7.635	105	1198757	11.626	ppbV	98
97) 1,3,5-trimethylbenzene	7.683	105	1004893	11.726	ppbV	100
98) tert-butylbenzene	7.890	119	1030738	10.394	ppbV	98
99) 1,2,4-trimethylbenzene	7.890	105	1044947	11.538	ppbV	97
100) decane	8.002	57	523174	10.257	ppbV	99
101) Benzyl Chloride	7.954	91	675626	8.703	ppbV	100
102) 1,3-dichlorobenzene	7.954	146	703125	10.263	ppbV	97
103) 1,4-dichlorobenzene	7.994	146	723480	10.450	ppbV	99
104) sec-butylbenzene	8.042	105	1367621	10.364	ppbV	100
106) p-isopropyltoluene	8.138	119	1344549	10.643	ppbV	99
107) 1,2-dichlorobenzene	8.178	146	693879	10.330	ppbV	99
108) n-butylbenzene	8.377	91	1188782	10.686	ppbV	98
111) 1,2-dibromo-3-chloropr...	8.433	75	284336	8.977	ppbV	99
112) undecane	8.728	57	660218	10.778	ppbV	99
114) dodecane	9.335	57	829474	11.827	ppbV	99
115) 1,2,4-trichlorobenzene	9.183	180	680801	9.981	ppbV	98
116) naphthalene	9.236	128	1662169	10.943	ppbV	99
117) 1,2,3-trichlorobenzene	9.388	180	697955	10.034	ppbV	99
119) hexachlorobutadiene	9.464	225	443843	8.706	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265865.D
Acq On : 03 Oct 2025 05:17 pm
Operator : AIRLAB26:APR
Sample : CTO15-LLSTD010
Misc : WG2123676
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 10:03:56 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:50 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1002T_I\R265859.D
Sub List : Default-ICV-AP2 - All compounds listed

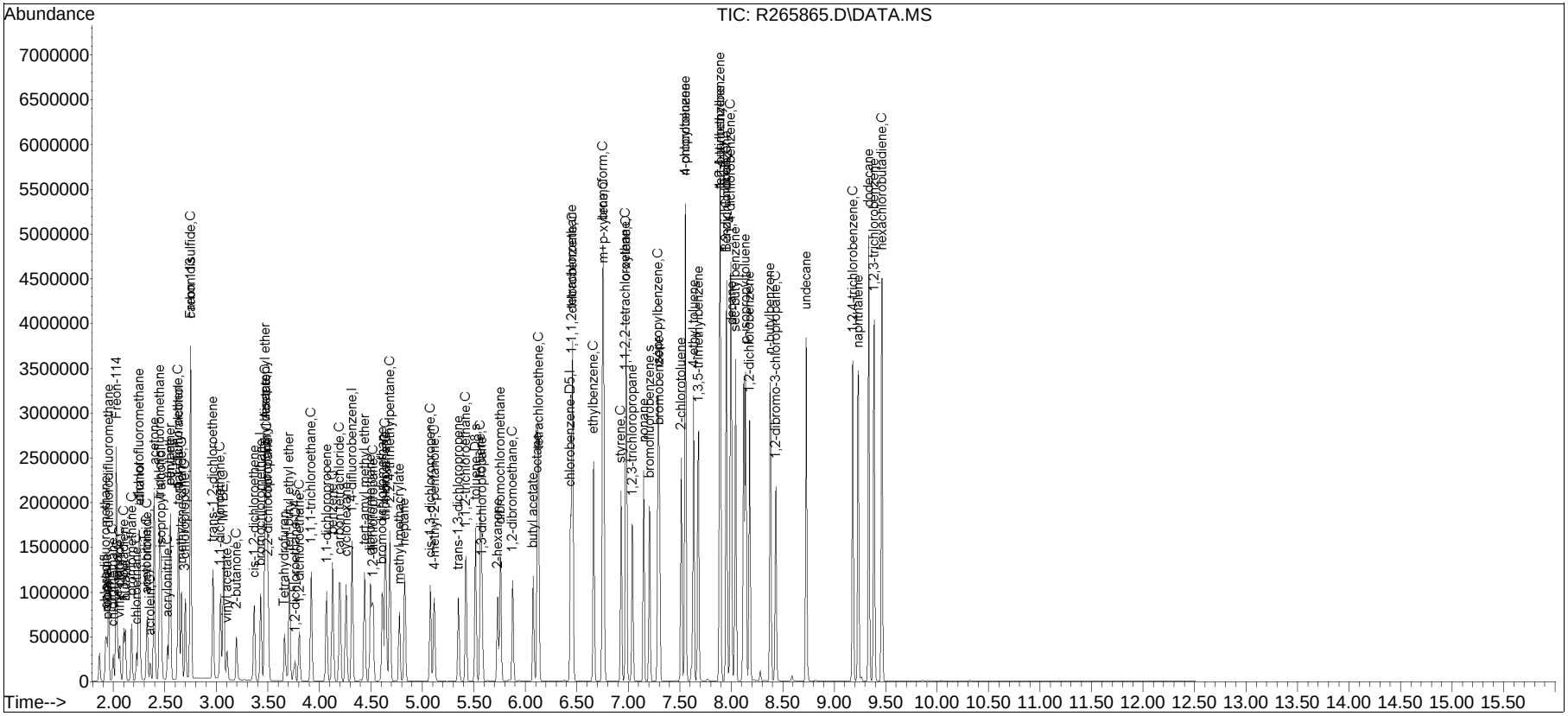
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listedI\R265859.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1002T_I\
Data File : R265865.D
Acq On : 03 Oct 2025 05:17 pm
Operator : AIRLAB26:APR
Sample : CTO15-LLSTD010
Misc : WG2123676
ALS Vial : 2 Sample Multiplier: 1

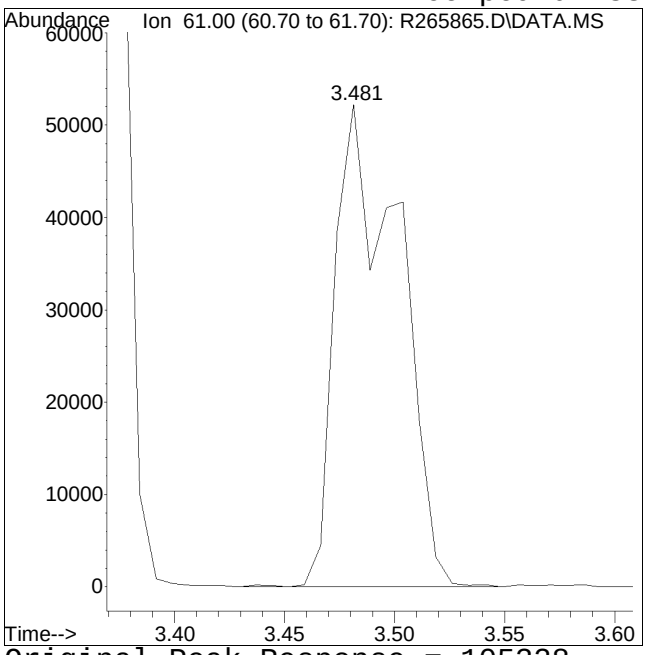
Quant Time: Oct 04 10:03:56 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1002T_I\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:50 2025
Response via : Initial Calibration



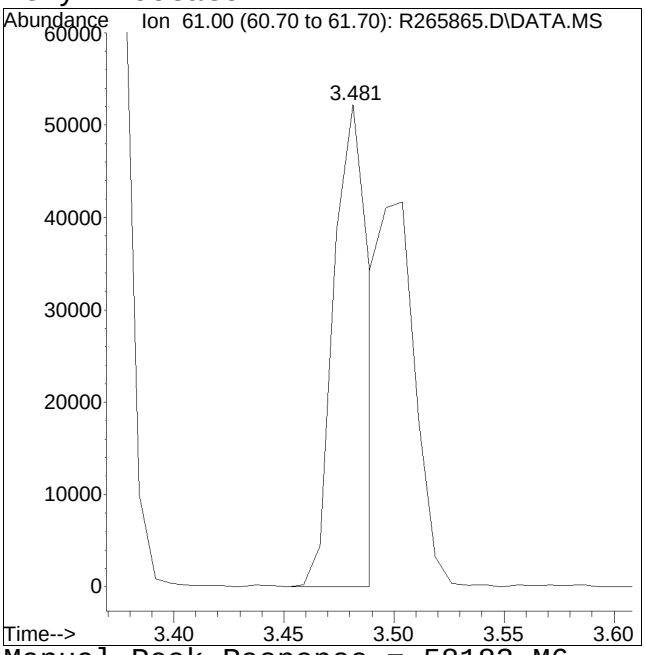
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R265865.D Operator : AIRLAB26:APR
Date Inj'd : 10/3/2025 5:17 pm Instrument : Airlab26
Sample : CTO15-LLSTD010 Quant Date : 10/4/2025 10:03 am

Compound #38: Ethyl Acetate



Original Peak Response = 105328



Manual Peak Response = 58183 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		Lab Number	: L2565378	
Project Name	: 1885 ATLANTIC AVE.		Project Number	: 0205125	
Instrument ID	: AIRLAB26		Calibration Date	: 10/19/25 12:22	
Lab File ID	: R266202		Init. Calib. Date(s)	: 10/02/25	10/03/25
Sample No	: WG2129876-2		Init. Calib. Times	: 20:54	01:23
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	97	0
chlorodifluoromethane	0.75	0.443	-	40.9*	30	49	0
propylene	0.484	0.456	-	5.8	30	96	0
propane	0.247	0.243	-	1.6	30	99	0
dichlorodifluoromethane	2.396	2.274	-	5.1	30	95	0
chloromethane	0.752	0.693	-	7.8	30	94	0
Freon-114	2.691	2.533	-	5.9	30	94	0
methanol	0.256	0.244	-	4.7	30	99	0
vinyl chloride	0.929	0.869	-	6.5	30	94	0
1,3-butadiene	0.606	0.551	-	9.1	30	90	0
butane	1.103	1.013	-	8.2	30	95	0
bromomethane	0.958	0.864	-	9.8	30	93	0
chloroethane	0.608	0.565	-	7.1	30	93	0
ethanol	0.397	0.368	-	7.3	30	114	0
dichlorofluoromethane	1.66	1.544	-	7	30	112	0
vinyl bromide	0.963	0.878	-	8.8	30	91	0
acrolein	0.406	0.384	-	5.4	30	93	0
acetone	1.211	1.179	-	2.6	30	96	0
acetonitrile	0.668	0.607	-	9.1	30	96	0
trichlorofluoromethane	2.752	2.65	-	3.7	30	98	0
isopropyl alcohol	1.456	1.591	-	-9.3	30	117	0
acrylonitrile	0.8	0.688	-	14	30	87	0
pentane	1.58	1.409	-	10.8	30	96	0
ethyl ether	0.946	0.828	-	12.5	30	97	0
1,1-dichloroethene	1.785	1.669	-	6.5	30	96	0
tertiary butyl alcohol	2.462	2.146	-	12.8	30	90	0
methylene chloride	1.208	1.104	-	8.6	30	94	0
3-chloropropene	1.173	1.047	-	10.7	30	89	0
carbon disulfide	3.105	2.696	-	13.2	30	87	0
Freon 113	2.367	2.18	-	7.9	30	93	0
trans-1,2-dichloroethene	1.63	1.475	-	9.5	30	89	0
1,1-dichloroethane	2.131	1.961	-	8	30	92	0
MTBE	3.132	2.905	-	7.2	30	91	0
vinyl acetate	1.727	1.648	-	4.6	30	103	0
2-butanone	1.514	1.695	-	-12	30	105	0
cis-1,2-dichloroethene	1.124	1.163	-	-3.5	30	102	0
Ethyl Acetate	0.289	0.266	-	8	30	96	0
chloroform	1.966	1.862	-	5.3	30	96	0
Tetrahydrofuran	0.633	0.624	-	1.4	30	104	0
2,2-dichloropropane	1.638	1.534	-	6.3	30	93	0
1,2-dichloroethane	1.242	1.162	-	6.4	30	87	0
1,4-difluorobenzene	1	1	-	0	30	93	0
hexane	0.322	0.357	-	-10.9	30	107	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		Lab Number	: L2565378	
Project Name	: 1885 ATLANTIC AVE.		Project Number	: 0205125	
Instrument ID	: AIRLAB26		Calibration Date	: 10/19/25 12:22	
Lab File ID	: R266202		Init. Calib. Date(s)	: 10/02/25	10/03/25
Sample No	: WG2129876-2		Init. Calib. Times	: 20:54	01:23
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.275	0.273	-	0.7	30	93	0
tert-butyl ethyl ether	0.792	0.814	-	-2.8	30	96	0
1,1,1-trichloroethane	0.602	0.545	-	9.5	30	80	0
1,1-dichloropropene	0.388	0.396	-	-2.1	30	95	0
benzene	0.778	0.819	-	-5.3	30	101	0
carbon tetrachloride	0.56	0.554	-	1.1	30	94	0
cyclohexane	0.318	0.333	-	-4.7	30	97	0
tert-amyl methyl ether	0.714	0.724	-	-1.4	30	95	0
dibromomethane	0.336	0.322	-	4.2	30	92	0
1,2-dichloropropane	0.271	0.278	-	-2.6	30	101	0
bromodichloromethane	0.54	0.549	-	-1.7	30	94	0
1,4-dioxane	0.169	0.162	-	4.1	30	96	0
trichloroethene	0.401	0.391	-	2.5	30	91	0
2,2,4-trimethylpentane	1.017	1.07	-	-5.2	30	99	0
methyl methacrylate	0.243	0.254	-	-4.5	30	99	0
heptane	0.301	0.311	-	-3.3	30	100	0
cis-1,3-dichloropropene	0.416	0.44	-	-5.8	30	100	0
4-methyl-2-pentanone	0.413	0.445	-	-7.7	30	101	0
trans-1,3-dichloropropene	0.332	0.346	-	-4.2	30	99	0
1,1,2-trichloroethane	0.349	0.356	-	-2	30	95	0
chlorobenzene-D5	1	1	-	0	30	93	0
toluene	6.613	6.792	-	-2.7	30	98	0
1,3-dichloropropane	3.185	3.189	-	-0.1	30	96	0
2-hexanone	2.682	2.889	-	-7.7	30	97	0
dibromochloromethane	3.72	3.775	-	-1.5	30	94	0
1,2-dibromoethane	3.602	3.721	-	-3.3	30	97	0
butyl acetate	0.839	0.85	-	-1.3	30	95	0
octane	2.092	2.079	-	0.6	30	92	0
tetrachloroethene	3.422	3.223	-	5.8	30	91	0
1,1,1,2-tetrachloroethane	2.942	2.778	-	5.6	30	90	0
chlorobenzene	5.555	5.531	-	0.4	30	96	0
ethylbenzene	8.447	8.892	-	-5.3	30	97	0
m+p-xylene	6.765	7.099	-	-4.9	30	97	0
bromoform	3.501	3.487	-	0.4	30	93	0
styrene	5.053	5.319	-	-5.3	30	97	0
1,1,2,2-tetrachloroethane	5.038	5.2	-	-3.2	30	100	0
o-xylene	6.785	6.846	-	-0.9	30	96	0
1,2,3-trichloropropane	3.791	3.727	-	1.7	30	93	0
nonane	3.137	3.345	-	-6.6	30	99	0
isopropylbenzene	9.319	9.42	-	-1.1	30	91	0
bromobenzene	6.229	5.982	-	4	30	92	0
2-chlorotoluene	2.605	2.526	-	3	30	91	0
n-propylbenzene	2.886	2.747	-	4.8	30	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		**Lab Number**	: L2565378	
Project Name	: 1885 ATLANTIC AVE.		**Project Number**	: 0205125	
Instrument ID	: AIRLAB26		**Calibration Date**	: 10/19/25 12:22	
Lab File ID	: R266202		**Init. Calib. Date(s)**	: 10/02/25	10/03/25
Sample No	: WG2129876-2		**Init. Calib. Times**	: 20:54	01:23
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	2.732	2.543	-	6.9	30	89	0
4-ethyl toluene	9.195	9.52	-	-3.5	30	92	0
1,3,5-trimethylbenzene	7.642	7.884	-	-3.2	30	96	0
tert-butylbenzene	8.843	8.761	-	0.9	30	92	0
1,2,4-trimethylbenzene	8.076	8.51	-	-5.4	30	97	0
decane	4.548	4.633	-	-1.9	30	97	0
Benzyl Chloride	6.923	6.419	-	7.3	30	87	0
1,3-dichlorobenzene	6.11	5.941	-	2.8	30	94	0
1,4-dichlorobenzene	6.174	6.058	-	1.9	30	94	0
sec-butylbenzene	11.767	12.033	-	-2.3	30	91	0
p-isopropyltoluene	11.265	11.202	-	0.6	30	89	0
1,2-dichlorobenzene	5.99	5.83	-	2.7	30	93	0
n-butylbenzene	9.92	10.165	-	-2.5	30	92	0
1,2-dibromo-3-chloropropan	2.824	2.676	-	5.2	30	92	0
undecane	5.462	5.858	-	-7.3	30	93	0
dodecane	6.254	7.173	-	-14.7	30	93	0
1,2,4-trichlorobenzene	6.083	5.597	-	8	30	86	0
naphthalene	13.545	13.387	-	1.2	30	81	0
1,2,3-trichlorobenzene	6.203	5.907	-	4.8	30	86	0
hexachlorobutadiene	4.546	4.207	-	7.5	30	85	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266202.D
Acq On : 19 Oct 2025 12:22 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-2,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 19 14:34:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	97	0.00
2		chlorodifluoromethane	0.750	0.443	40.9#	49#	0.00
3		propylene	0.484	0.456	5.8	96	0.00
4		propane	0.247	0.243	1.6	99	0.00
5		dichlorodifluoromethane	2.396	2.274	5.1	95	0.00
6	C	chloromethane	0.752	0.693	7.8	94	0.00
7		Freon-114	2.691	2.533	5.9	94	0.00
8	C	methanol	0.256	0.244	4.7	99	0.00
9	C	vinyl chloride	0.929	0.869	6.5	94	0.00
10	C	1,3-butadiene	0.606	0.551	9.1	90	0.00
11		butane	1.103	1.013	8.2	95	0.00
13	C	bromomethane	0.958	0.864	9.8	93	0.00
14	C	chloroethane	0.608	0.565	7.1	93	0.00
15		ethanol	0.397	0.368	7.3	114	0.00
16		dichlorofluoromethane	1.660	1.544	7.0	112	0.00
17	C	vinyl bromide	0.963	0.878	8.8	91	0.00
18	C	acrolein	0.406	0.384	5.4	93	0.00
19		acetone	1.211	1.179	2.6	96	0.00
20	C	acetonitrile	0.668	0.607	9.1	96	0.00
21		trichlorofluoromethane	2.752	2.650	3.7	98	0.00
22		isopropyl alcohol	1.456	1.591	-9.3	117	0.00
23	C	acrylonitrile	0.800	0.688	14.0	87	0.00
24		pentane	1.580	1.409	10.8	96	0.00
25		ethyl ether	0.946	0.828	12.5	97	0.00
26	C	1,1-dichloroethene	1.785	1.669	6.5	96	0.00
27		tertiary butyl alcohol	2.462	2.146	12.8	90	0.00
28	C	methylene chloride	1.208	1.104	8.6	94	0.00
29	C	3-chloropropene	1.173	1.047	10.7	89	0.00
30	C	carbon disulfide	3.105	2.696	13.2	87	0.00
31		Freon 113	2.367	2.180	7.9	93	0.00
32		trans-1,2-dichloroethene	1.630	1.475	9.5	89	0.00
33	C	1,1-dichloroethane	2.131	1.961	8.0	92	0.00
34	C	MTBE	3.132	2.905	7.2	91	0.00
35	C	vinyl acetate	1.727	1.648	4.6	103	0.00
36	C	2-butanone	1.514	1.695	-12.0	105	0.00
37		cis-1,2-dichloroethene	1.124	1.163	-3.5	102	0.00
38		Ethyl Acetate	0.289	0.266	8.0	96	0.00
39	C	chloroform	1.966	1.862	5.3	96	0.00
40		Tetrahydrofuran	0.633	0.624	1.4	104	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266202.D
Acq On : 19 Oct 2025 12:22 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-2,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 19 14:34:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	1.638	1.534	6.3	93	0.00
42	C	1,2-dichloroethane	1.242	1.162	6.4	87	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	93	0.00
44	C	hexane	0.322	0.357	-10.9	107	0.00
45		diisopropyl ether	0.275	0.273	0.7	93	0.00
46		tert-butyl ethyl ether	0.792	0.814	-2.8	96	0.00
48	C	1,1,1-trichloroethane	0.602	0.545	9.5	80	0.00
49		1,1-dichloropropene	0.388	0.396	-2.1	95	0.00
50	C	benzene	0.778	0.819	-5.3	101	0.00
52	C	carbon tetrachloride	0.560	0.554	1.1	94	0.00
53		cyclohexane	0.318	0.333	-4.7	97	0.00
54		tert-amyl methyl ether	0.714	0.724	-1.4	95	0.00
55		dibromomethane	0.336	0.322	4.2	92	0.00
56	C	1,2-dichloropropane	0.271	0.278	-2.6	101	0.00
57		bromodichloromethane	0.540	0.549	-1.7	94	0.00
58	C	1,4-dioxane	0.169	0.162	4.1	96	0.00
59	C	trichloroethene	0.401	0.391	2.5	91	0.00
60	C	2,2,4-trimethylpentane	1.017	1.070	-5.2	99	0.00
61		methyl methacrylate	0.243	0.254	-4.5	99	0.00
62		heptane	0.301	0.311	-3.3	100	0.00
63	C	cis-1,3-dichloropropene	0.416	0.440	-5.8	100	0.00
64	C	4-methyl-2-pentanone	0.413	0.445	-7.7	101	0.00
65		trans-1,3-dichloropropene	0.332	0.346	-4.2	99	0.00
66	C	1,1,2-trichloroethane	0.349	0.356	-2.0	95	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	93	0.00
68	C	toluene	6.613	6.792	-2.7	98	0.00
71		1,3-dichloropropane	3.185	3.189	-0.1	96	0.00
72		2-hexanone	2.682	2.889	-7.7	97	0.00
74		dibromochloromethane	3.720	3.775	-1.5	94	0.00
75	C	1,2-dibromoethane	3.602	3.721	-3.3	97	0.00
76		butyl acetate	0.839	0.850	-1.3	95	0.00
77		octane	2.092	2.079	0.6	92	0.00
78	C	tetrachloroethene	3.422	3.223	5.8	91	0.00
79		1,1,1,2-tetrachloroethane	2.942	2.778	5.6	90	0.00
80	C	chlorobenzene	5.555	5.531	0.4	96	0.00
81	C	ethylbenzene	8.447	8.892	-5.3	97	0.00
83	C	m+p-xylene	6.765	7.099	-4.9	97	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266202.D
Acq On : 19 Oct 2025 12:22 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-2,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 19 14:34:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
84	C	bromoform	3.501	3.487	0.4	93	0.00
85	C	styrene	5.053	5.319	-5.3	97	0.00
86	C	1,1,2,2-tetrachloroethane	5.038	5.200	-3.2	100	0.00
87	C	o-xylene	6.785	6.846	-0.9	96	0.00
88		1,2,3-trichloropropane	3.791	3.727	1.7	93	0.00
89		nonane	3.137	3.345	-6.6	99	0.00
91	C	isopropylbenzene	9.319	9.420	-1.1	91	0.00
92		bromobenzene	6.229	5.982	4.0	92	0.00
93		2-chlorotoluene	2.605	2.526	3.0	91	0.00
94		n-propylbenzene	2.886	2.747	4.8	91	0.00
95		4-chlorotoluene	2.732	2.543	6.9	89	0.00
96		4-ethyl toluene	9.195	9.520	-3.5	92	0.00
97		1,3,5-trimethylbenzene	7.642	7.884	-3.2	96	0.00
98		tert-butylbenzene	8.843	8.761	0.9	92	0.00
99		1,2,4-trimethylbenzene	8.076	8.510	-5.4	97	0.00
100		decane	4.548	4.633	-1.9	97	0.00
101	C	Benzyl Chloride	6.923	6.419	7.3	87	0.00
102		1,3-dichlorobenzene	6.110	5.941	2.8	94	0.00
103	C	1,4-dichlorobenzene	6.174	6.058	1.9	94	0.00
104		sec-butylbenzene	11.767	12.033	-2.3	91	0.00
106		p-isopropyltoluene	11.265	11.202	0.6	89	0.00
107		1,2-dichlorobenzene	5.990	5.830	2.7	93	0.00
108		n-butylbenzene	9.920	10.165	-2.5	92	0.00
111	C	1,2-dibromo-3-chloropropane	2.824	2.676	5.2	92	0.00
112		undecane	5.462	5.858	-7.3	93	0.00
114		dodecane	6.254	7.173	-14.7	93	0.00
115	C	1,2,4-trichlorobenzene	6.083	5.597	8.0	86	0.00
116		naphthalene	13.545	13.387	1.2	81	0.00
117		1,2,3-trichlorobenzene	6.203	5.907	4.8	86	0.00
119	C	hexachlorobutadiene	4.546	4.207	7.5	85	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266202.D
Acq On : 19 Oct 2025 12:22 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-2,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 19 14:34:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	199817	10.000	ppbV	0.00
Standard Area = 199817			Recovery = 100.00%			
43) 1,4-difluorobenzene	4.317	114	700064	10.000	ppbV	0.00
Standard Area = 700064			Recovery = 100.00%			
67) chlorobenzene-D5	6.438	54	104710	10.000	ppbV	0.00
Standard Area = 104710			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
2) chlorodifluoromethane	1.920	51	88443M6	5.904	ppbV	
3) propylene	1.931	41	91120	9.422	ppbV	96
4) propane	1.937	29	48583	9.833	ppbV	87
5) dichlorodifluoromethane	1.953	85	454461	9.492	ppbV	99
6) chloromethane	1.997	50	138470	9.213	ppbV	99
7) Freon-114	2.024	85	506105	9.411	ppbV	97
8) methanol	2.041	31	244162	47.740	ppbV #	73
9) vinyl chloride	2.057	62	173564	9.354	ppbV	100
10) 1,3-butadiene	2.101	54	110140	9.096	ppbV	96
11) butane	2.112	43	202419	9.187	ppbV	98
13) bromomethane	2.173	94	172740	9.020	ppbV	99
14) chloroethane	2.222	64	112953	9.293	ppbV	100
15) ethanol	2.250	31	367842	46.400	ppbV	96
16) dichlorofluoromethane	2.250	67	308514	9.301	ppbV	98
17) vinyl bromide	2.329	106	175469	9.121	ppbV	98
18) acrolein	2.357	56	76715	9.449	ppbV	95
19) acetone	2.391	43	1177853	48.670	ppbV	97
20) acetonitrile	2.318	41	121336	9.093	ppbV	99
21) trichlorofluoromethane	2.448	101	529488	9.629	ppbV	99
22) isopropyl alcohol	2.459	45	794941	27.318	ppbV	100
23) acrylonitrile	2.527	53	137515	8.598	ppbV	98
24) pentane	2.549	43	281564	8.916	ppbV	99
25) ethyl ether	2.554	31	165376	8.747	ppbV	97
26) 1,1-dichloroethene	2.626	61	333489	9.350	ppbV	97
27) tertiary butyl alcohol	2.635	59	428843	8.717	ppbV	99
28) methylene chloride	2.659	49	220514	9.138	ppbV	99
29) 3-chloropropene	2.697	41	209117	8.919	ppbV	98
30) carbon disulfide	2.750	76	538775	8.685	ppbV	100
31) Freon 113	2.745	101	435662	9.210	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266202.D
Acq On : 19 Oct 2025 12:22 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-2,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 19 14:34:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
32) trans-1,2-dichloroethene	2.963	61	294685	9.047	ppbV		97
33) 1,1-dichloroethane	3.039	63	391795	9.200	ppbV		99
34) MTBE	3.070	73	580373	9.272	ppbV		99
35) vinyl acetate	3.101	43	329323	9.542	ppbV		98
36) 2-butanone	3.194	43	338723	11.200	ppbV		97
37) cis-1,2-dichloroethene	3.362	61	232459	10.348	ppbV		98
38) Ethyl Acetate	3.481	61	53062M6	9.201	ppbV		
39) chloroform	3.489	83	372084	9.473	ppbV		98
40) Tetrahydrofuran	3.661	42	124626	9.854	ppbV		96
41) 2,2-dichloropropane	3.496	77	306598	9.370	ppbV		94
42) 1,2-dichloroethane	3.807	62	232189	9.357	ppbV		98
44) hexane	3.466	57	249901	11.097	ppbV	#	28
45) diisopropyl ether	3.474	87	191420	9.932	ppbV		86
46) tert-butyl ethyl ether	3.706	59	569879	10.281	ppbV		99
48) 1,1,1-trichloroethane	3.921	97	381765	9.055	ppbV		99
49) 1,1-dichloropropene	4.072	75	277359	10.218	ppbV		98
50) benzene	4.129	78	573664	10.529	ppbV		98
52) carbon tetrachloride	4.195	117	388065	9.890	ppbV		99
53) cyclohexane	4.261	56	232783	10.466	ppbV		98
54) tert-amyl methyl ether	4.440	73	507111	10.148	ppbV		98
55) dibromomethane	4.496	93	225657	9.591	ppbV		95
56) 1,2-dichloropropane	4.515	63	194854	10.275	ppbV		97
57) bromodichloromethane	4.609	83	384608	10.174	ppbV		98
58) 1,4-dioxane	4.647	88	113580	9.602	ppbV		88
59) trichloroethene	4.638	130	273882	9.745	ppbV		99
60) 2,2,4-trimethylpentane	4.685	57	749185	10.520	ppbV		98
61) methyl methacrylate	4.779	41	177821	10.449	ppbV		96
62) heptane	4.826	43	217558	10.325	ppbV		98
63) cis-1,3-dichloropropene	5.078	75	307968	10.571	ppbV		98
64) 4-methyl-2-pentanone	5.118	43	311236	10.766	ppbV		96
65) trans-1,3-dichloropropene	5.349	75	242097	10.432	ppbV		99
66) 1,1,2-trichloroethane	5.421	97	248986	10.180	ppbV		95
68) toluene	5.565	91	711163	10.270	ppbV		99
71) 1,3-dichloropropane	5.581	76	333962	10.014	ppbV		98
72) 2-hexanone	5.732	43	302517	10.771	ppbV		98
74) dibromochloromethane	5.756	129	395306	10.147	ppbV		99
75) 1,2-dibromoethane	5.876	107	389651	10.332	ppbV		98
76) butyl acetate	6.075	73	89034	10.135	ppbV		92
77) octane	6.115	85	217731	9.938	ppbV		94
78) tetrachloroethene	6.131	166	337481	9.418	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266202.D
Acq On : 19 Oct 2025 12:22 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-2,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 19 14:34:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : Default-LCS-AP2 - All compounds listed

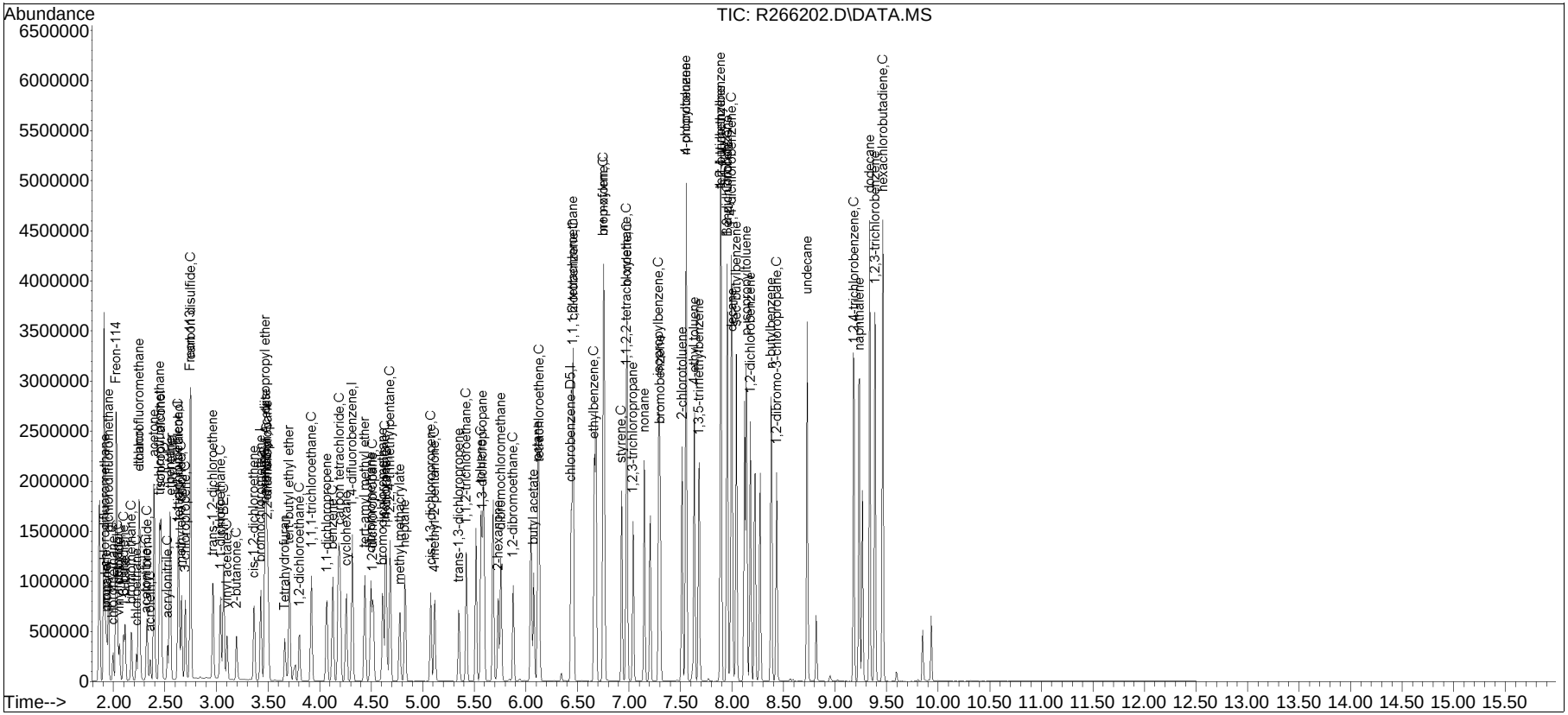
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 1,1,1,2-tetrachloroethane	6.454	131	290870	9.442	ppbV	99
80) chlorobenzene	6.460	112	579201	9.957	ppbV	99
81) ethylbenzene	6.662	91	931114	10.527	ppbV	98
83) m+p-xylene	6.755	91	1486719	20.987	ppbV	99
84) bromoform	6.755	173	365083	9.958	ppbV	98
85) styrene	6.928	104	556907	10.526	ppbV	99
86) 1,1,2,2-tetrachloroethane	6.975	83	544460	10.322	ppbV	100
87) o-xylene	6.980	91	716889	10.091	ppbV	98
88) 1,2,3-trichloropropane	7.039	75	390262	9.832	ppbV	98
89) nonane	7.149	43	350280	10.665	ppbV	100
91) isopropylbenzene	7.289	105	986323	10.108	ppbV	99
92) bromobenzene	7.301	77	626388	9.604	ppbV	94
93) 2-chlorotoluene	7.515	126	264520	9.698	ppbV	99
94) n-propylbenzene	7.555	120	287638	9.518	ppbV	98
95) 4-chlorotoluene	7.555	126	266275	9.308	ppbV	82
96) 4-ethyl toluene	7.635	105	996833	10.354	ppbV	99
97) 1,3,5-trimethylbenzene	7.683	105	825569	10.318	ppbV	98
98) tert-butylbenzene	7.890	119	917332	9.907	ppbV	98
99) 1,2,4-trimethylbenzene	7.890	105	891096	10.538	ppbV	99
100) decane	8.002	57	485151	10.187	ppbV	100
101) Benzyl Chloride	7.954	91	672172	9.273	ppbV	100
102) 1,3-dichlorobenzene	7.954	146	622119	9.725	ppbV	99
103) 1,4-dichlorobenzene	7.994	146	634308	9.812	ppbV	99
104) sec-butylbenzene	8.042	105	1259929	10.226	ppbV	98
106) p-isopropyltoluene	8.138	119	1172981	9.944	ppbV	98
107) 1,2-dichlorobenzene	8.178	146	610497	9.734	ppbV	99
108) n-butylbenzene	8.377	91	1064325	10.246	ppbV	96
111) 1,2-dibromo-3-chloropr...	8.433	75	280179	9.474	ppbV	94
112) undecane	8.728	57	613372	10.724	ppbV	96
114) dodecane	9.335	57	751102	11.469	ppbV	98
115) 1,2,4-trichlorobenzene	9.183	180	586051	9.202	ppbV	99
116) naphthalene	9.236	128	1401723	9.883	ppbV	100
117) 1,2,3-trichlorobenzene	9.388	180	618508	9.523	ppbV	99
119) hexachlorobutadiene	9.464	225	440483	9.253	ppbV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedR266202.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266202.D
Acq On : 19 Oct 2025 12:22 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-2,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 2 Sample Multiplier: 1

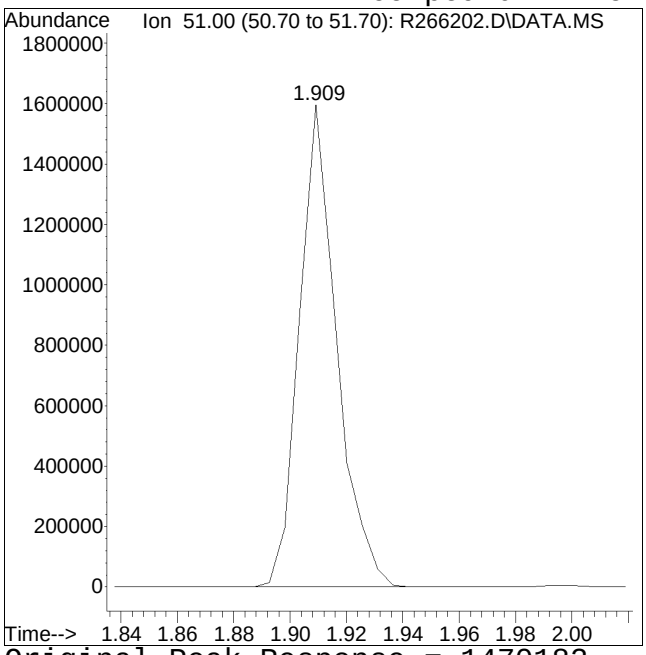
Quant Time: Oct 19 14:34:31 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration



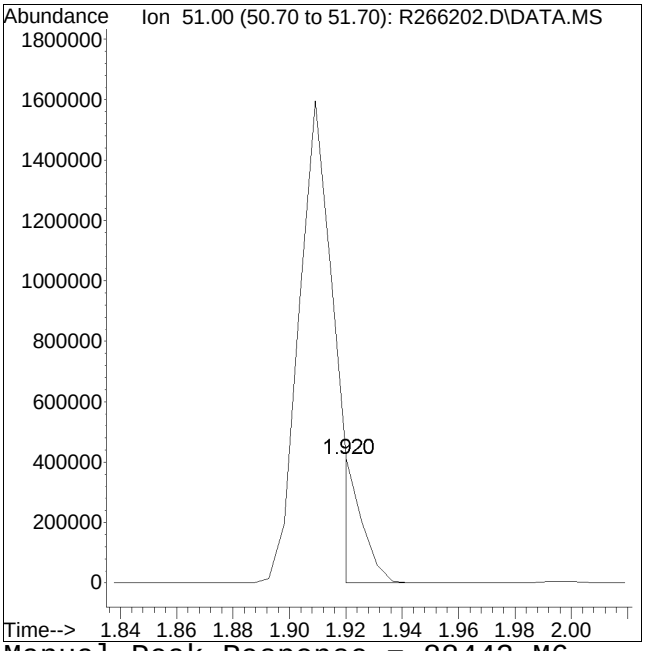
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R266202.D Operator : AIRLAB26:RAY
Date Inj'd : 10/19/2025 12:22 pm Instrument : Airlab26
Sample : WG2129876-2,3,250,250 Quant Date : 10/19/2025 2:34 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 1470182



Manual Peak Response = 88443 M6

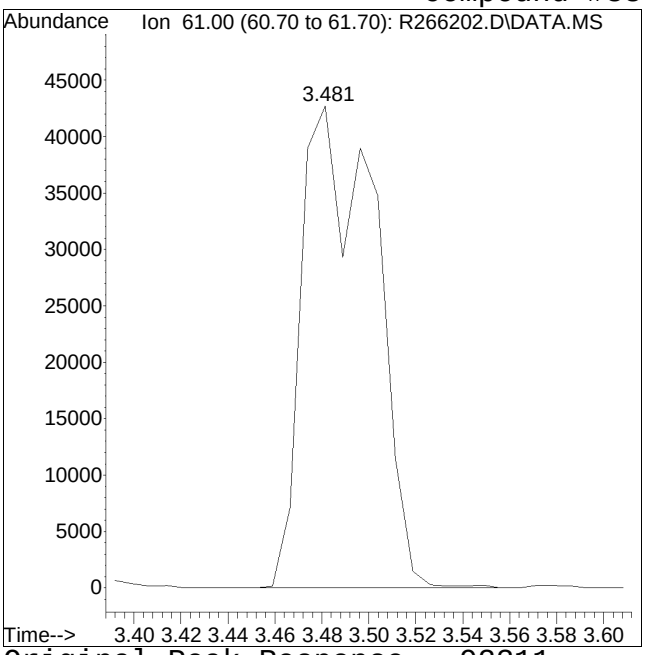
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

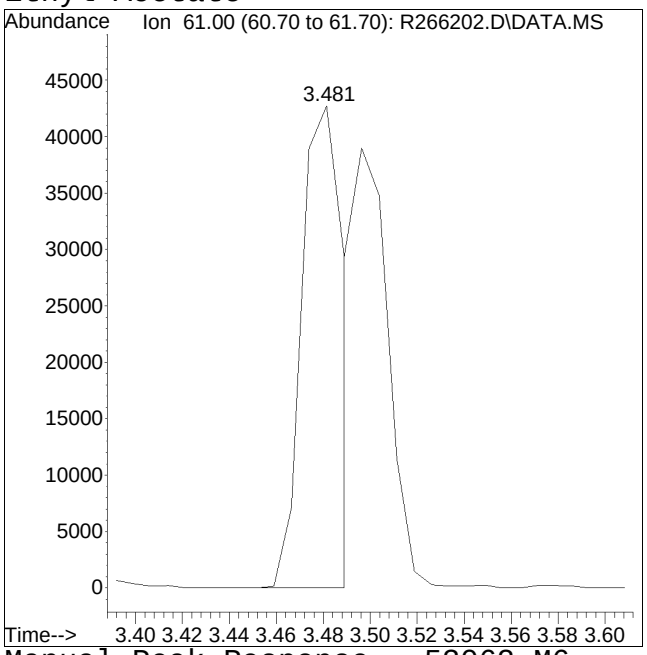
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R266202.D
Date Inj'd : 10/19/2025 12:22 pm
Sample : WG2129876-2,3,250,250

Method : TFS26_251002.M
Operator : AIRLAB26:RAY
Instrument : Airlab26
Quant Date : 10/19/2025 2:34 pm

Compound #38: Ethyl Acetate



Original Peak Response = 92311



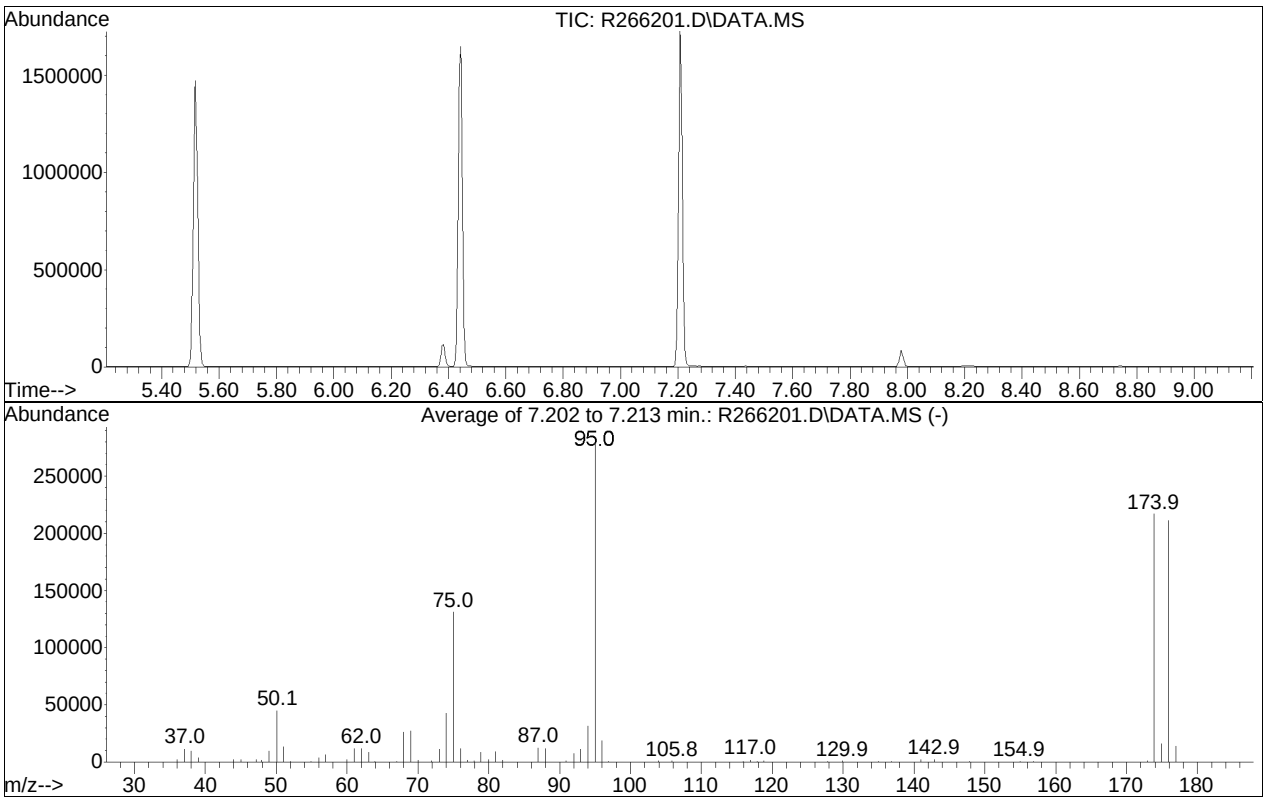
Manual Peak Response = 53062 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266201.D
Acq On : 19 Oct 2025 11:43 am
Operator : AIRLAB26:RAY
Sample : WG2129876-1,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Oct 03 15:52:47 2025



Spectrum Information: Average of 7.202 to 7.213 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	16.0	44829	PASS
75	95	30	66	47.0	131259	PASS
95	95	100	100	100.0	279317	PASS
96	95	5	9	6.8	18982	PASS
173	174	0.00	2	0.5	1039	PASS
174	95	50	120	77.9	217501	PASS
175	174	4	9	7.3	15904	PASS
176	174	93	101	97.2	211384	PASS
177	176	5	9	6.7	14128	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266205.D
Acq On : 19 Oct 2025 03:07 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-4,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 19 18:19:25 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	190910	10.000	ppbV	0.00
Standard Area = 199817			Recovery = 95.54%			
43) 1,4-difluorobenzene	4.317	114	684311	10.000	ppbV	0.00
Standard Area = 700064			Recovery = 97.75%			
67) chlorobenzene-D5	6.443	54	102371	10.000	ppbV	0.00
Standard Area = 104710			Recovery = 97.77%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	0.000		0	N.D.		
6) chloromethane	1.997		0	N.D.		
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.261	31	650	0.086	ppbV	99
17) vinyl bromide	0.000		0	N.D.		
19) acetone	2.408	43	2162	0.094	ppbV #	83
21) trichlorofluoromethane	0.000		0	N.D.		
22) isopropyl alcohol	2.476	45	948	0.034	ppbV #	87
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	2.649		0	N.D.		
28) methylene chloride	2.664	49	928	0.040	ppbV	86
29) 3-chloropropene	2.702		0	N.D.		
30) carbon disulfide	2.750		0	N.D.		
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	3.016		0	N.D.		
36) 2-butanone	3.216		0	N.D.		
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	0.000		0	N.D.		
40) Tetrahydrofuran	0.000		0	N.D.		
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	3.489		0	N.D.		

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266205.D
Acq On : 19 Oct 2025 03:07 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-4,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 19 18:19:25 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	4.129		0	N.D.		
52) carbon tetrachloride	0.000		0	N.D.		
53) cyclohexane	0.000		0	N.D.	d	
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	0.000		0	N.D.		
62) heptane	0.000		0	N.D.		
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	5.166		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	5.573		0	N.D.		
72) 2-hexanone	5.740		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	0.000		0	N.D.		
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	6.776		0	N.D.		
83) m+p-xylene	6.776		0	N.D.		
84) bromoform	0.000		0	N.D.		
85) styrene	0.000		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	0.000		0	N.D.		
96) 4-ethyl toluene	7.691		0	N.D.		
97) 1,3,5-trimethylbenzene	7.691		0	N.D.		
99) 1,2,4-trimethylbenzene	7.898		0	N.D.		
101) Benzyl Chloride	7.970		0	N.D.		
102) 1,3-dichlorobenzene	7.970		0	N.D.		
103) 1,4-dichlorobenzene	8.002		0	N.D.		
107) 1,2-dichlorobenzene	8.194		0	N.D.		
115) 1,2,4-trichlorobenzene	9.195		0	N.D.		
116) naphthalene	9.247		0	N.D.		
119) hexachlorobutadiene	9.470		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266205.D
Acq On : 19 Oct 2025 03:07 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-4,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 19 18:19:25 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

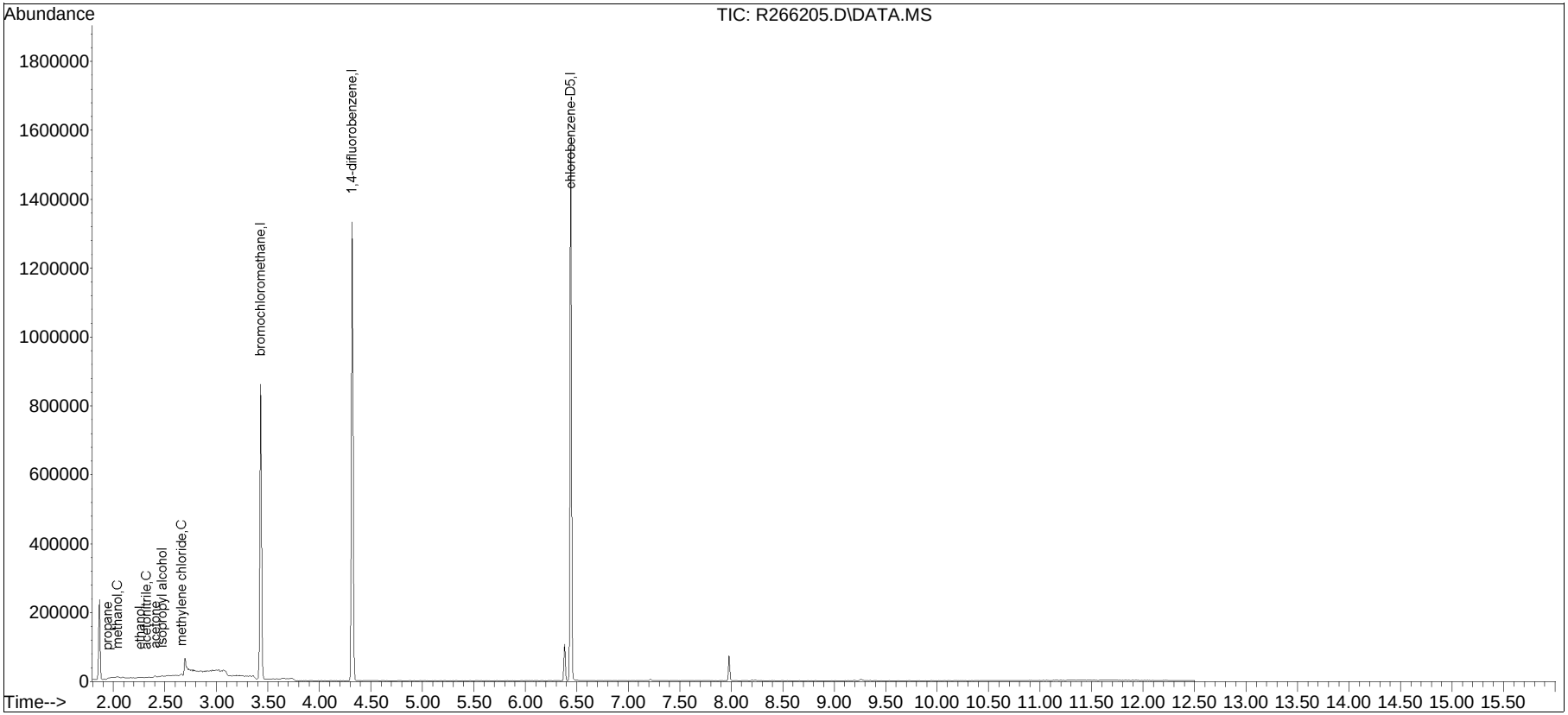
CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : Default-LCS-AP2 - All compounds listed

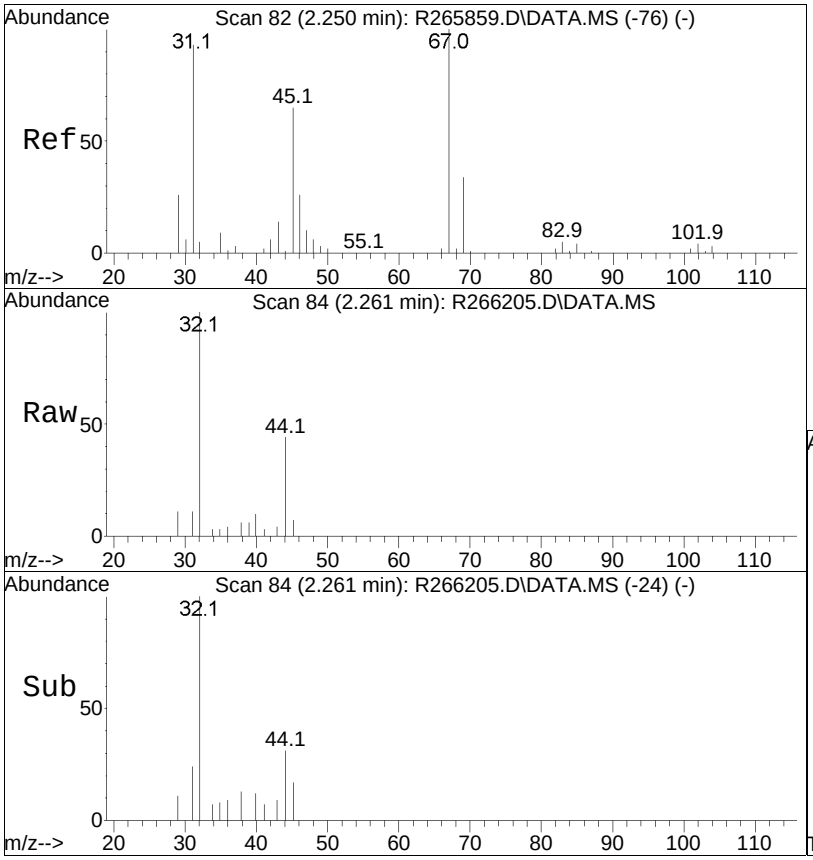
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listedR266202.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266205.D
Acq On : 19 Oct 2025 03:07 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-4,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 19 18:19:25 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

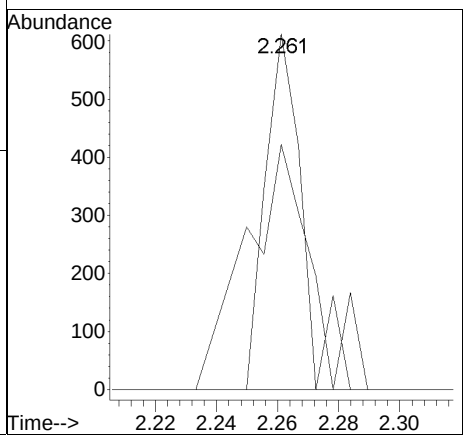


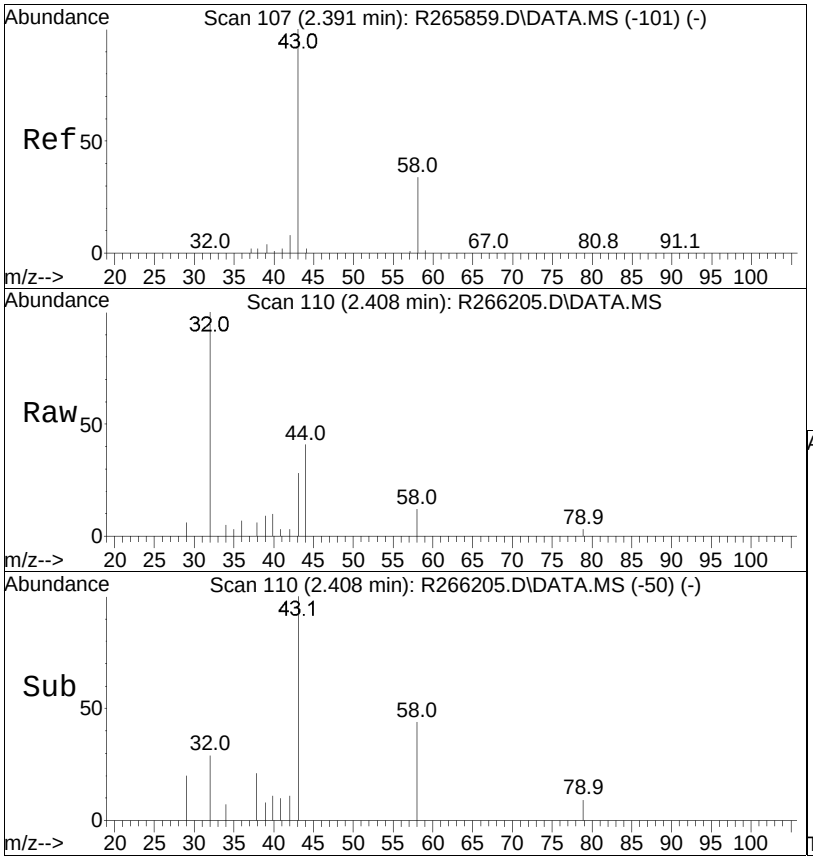


#15
ethanol
Concen: 0.09 ppbV
RT: 2.261 min Scan# 84
Delta R.T. 0.011 min
Lab File: R266205.D
Acq: 19 Oct 2025 03:07 pm

Tgt Ion: 31 Resp: 650

Ion	Ratio	Lower	Upper
31	100		
45	69.0	55.6	83.4

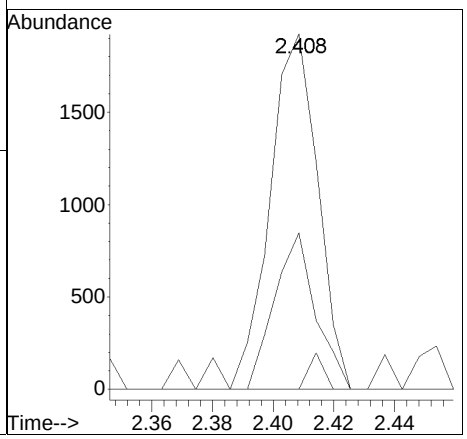


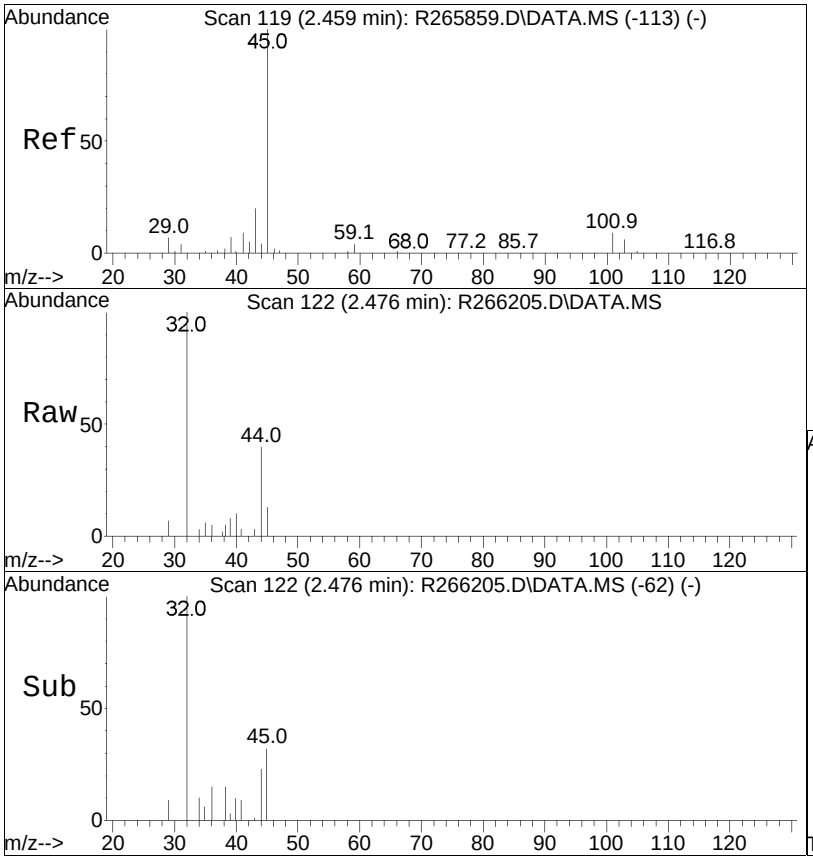


#19
acetone
Concen: 0.09 ppbV
RT: 2.408 min Scan# 110
Delta R.T. 0.017 min
Lab File: R266205.D
Acq: 19 Oct 2025 03:07 pm

Tgt Ion: 43 Resp: 2162

Ion	Ratio	Lower	Upper
43	100		
58	44.0	27.4	41.2#
57	0.0	0.7	1.1#

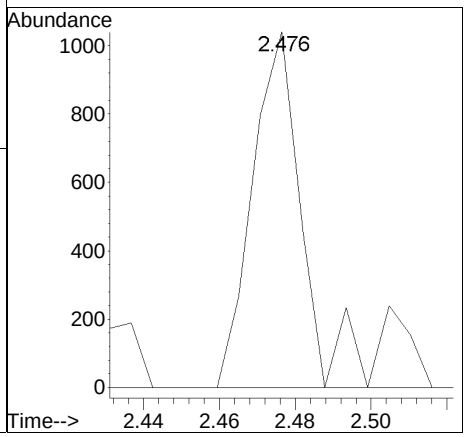


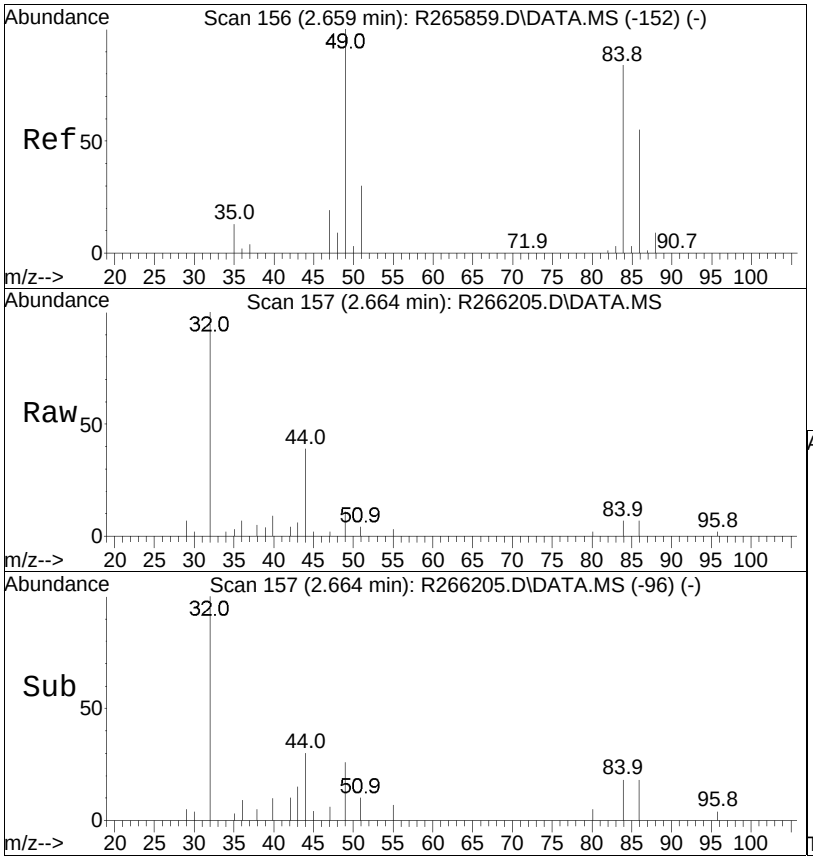


#22
isopropyl alcohol
Concen: 0.03 ppbV
RT: 2.476 min Scan# 122
Delta R.T. 0.017 min
Lab File: R266205.D
Acq: 19 Oct 2025 03:07 pm

Tgt Ion: 45 Resp: 948

Ion	Ratio	Lower	Upper
45	100		
59	0.0	3.4	5.2#

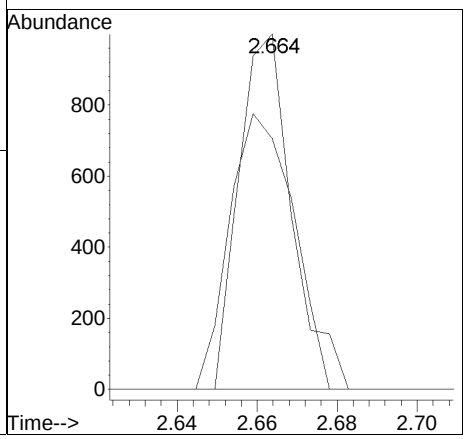




#28
methylene chloride
Concen: 0.04 ppbV
RT: 2.664 min Scan# 157
Delta R.T. 0.005 min
Lab File: R266205.D
Acq: 19 Oct 2025 03:07 pm

Tgt Ion: 49 Resp: 928

Ion	Ratio	Lower	Upper
49	100		
84	70.6	66.6	99.8



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab26\20	QMethod	: TFS26_251002.M
Data File	: R266205.D	Operator	: AIRLAB26:RAY
Date Inj'd	: 10/19/2025 3:07 pm	Instrument	: Airlab26
Sample	: WG2129876-4,3,250,250	Quant Date	: 10/19/2025 6:19 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266203.D
Acq On : 19 Oct 2025 01:01 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-3,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 19 14:40:44 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	bromochloromethane	10.000	10.000	0.0	94	0.00
2		chlorodifluoromethane	10.000	12.707	-27.1	103	0.00
3		propylene	10.000	10.202	-2.0	100	0.00
4		propane	10.000	10.818	-8.2	106	0.00
5		dichlorodifluoromethane	10.000	10.423	-4.2	101	0.00
6	C	chloromethane	10.000	9.570	4.3	95	0.00
7		Freon-114	10.000	10.836	-8.4	105	0.00
8	C	methanol	50.000	43.543	12.9	87	0.00
9	C	vinyl chloride	10.000	10.190	-1.9	99	0.00
10	C	1,3-butadiene	10.000	10.298	-3.0	98	0.00
11		butane	10.000	9.502	5.0	95	0.00
13	C	bromomethane	10.000	10.598	-6.0	106	0.00
14	C	chloroethane	10.000	10.577	-5.8	103	0.00
15		ethanol	50.000	42.368	15.3	100	0.00
16		dichlorofluoromethane	10.000	8.494	15.1	99	0.00
17	C	vinyl bromide	10.000	10.221	-2.2	99	0.00
18	C	acrolein	10.000	8.589	14.1	82	0.00
19		acetone	50.000	48.853	2.3	93	0.00
20	C	acetonitrile	10.000	8.883	11.2	91	0.00
21		trichlorofluoromethane	10.000	10.595	-6.0	104	0.00
22		isopropyl alcohol	25.000	22.791	8.8	95	0.00
23	C	acrylonitrile	10.000	8.716	12.8	86	0.00
24		pentane	10.000	8.254	17.5	86	0.00
25		ethyl ether	10.000	8.636	13.6	93	0.00
26	C	1,1-dichloroethene	10.000	10.507	-5.1	104	0.00
27		tertiary butyl alcohol	10.000	8.601	14.0	86	0.00
28	C	methylene chloride	10.000	10.357	-3.6	103	0.00
29	C	3-chloropropene	10.000	9.963	0.4	96	0.00
30	C	carbon disulfide	10.000	9.465	5.4	92	0.00
31		Freon 113	10.000	10.337	-3.4	101	0.00
32		trans-1,2-dichloroethene	10.000	10.008	-0.1	95	0.00
33	C	1,1-dichloroethane	10.000	10.090	-0.9	98	0.00
34	C	MTBE	10.000	10.620	-6.2	101	0.00
35	C	vinyl acetate	10.000	7.032	29.7	74	0.00
36	C	2-butanone	10.000	11.563	-15.6	105	0.00
37		cis-1,2-dichloroethene	10.000	10.978	-9.8	105	0.00
38		Ethyl Acetate	10.000	9.817	1.8	99	0.00
39	C	chloroform	10.000	10.369	-3.7	102	0.00
40		Tetrahydrofuran	10.000	11.648	-16.5	119	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266203.D
Acq On : 19 Oct 2025 01:01 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-3,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 19 14:40:44 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	10.000	9.646	3.5	93	0.00
42	C	1,2-dichloroethane	10.000	9.936	0.6	89	0.00
43	I	1,4-difluorobenzene	10.000	10.000	0.0	92	0.00
44	C	hexane	10.000	11.463	-14.6	108	0.00
45		diisopropyl ether	10.000	10.173	-1.7	94	0.00
46		tert-butyl ethyl ether	10.000	10.577	-5.8	98	0.00
48	C	1,1,1-trichloroethane	10.000	9.477	5.2	82	0.00
49		1,1-dichloropropene	10.000	10.931	-9.3	101	0.00
50	C	benzene	10.000	10.912	-9.1	103	0.00
52	C	carbon tetrachloride	10.000	10.671	-6.7	100	0.00
53		cyclohexane	10.000	11.781	-17.8	107	0.00
54		tert-amyl methyl ether	10.000	10.811	-8.1	100	0.00
55		dibromomethane	10.000	9.925	0.7	93	0.00
56	C	1,2-dichloropropane	10.000	10.883	-8.8	105	0.00
57		bromodichloromethane	10.000	11.098	-11.0	101	0.00
58	C	1,4-dioxane	10.000	10.749	-7.5	106	0.00
59	C	trichloroethene	10.000	10.619	-6.2	97	0.00
60	C	2,2,4-trimethylpentane	10.000	11.415	-14.1	106	0.00
61		methyl methacrylate	10.000	10.674	-6.7	100	0.00
62		heptane	10.000	11.930	-19.3	114	0.00
63	C	cis-1,3-dichloropropene	10.000	11.929	-19.3	111	0.00
64	C	4-methyl-2-pentanone	10.000	11.819	-18.2	109	0.00
65		trans-1,3-dichloropropene	10.000	13.269	-32.7#	124	0.00
66	C	1,1,2-trichloroethane	10.000	10.704	-7.0	99	0.00
67	I	chlorobenzene-D5	10.000	10.000	0.0	95	0.00
68	C	toluene	10.000	10.763	-7.6	104	0.00
71		1,3-dichloropropane	10.000	9.471	5.3	92	0.00
72		2-hexanone	10.000	10.975	-9.7	101	0.00
74		dibromochloromethane	10.000	10.626	-6.3	100	0.00
75	C	1,2-dibromoethane	10.000	10.782	-7.8	104	0.00
76		butyl acetate	10.000	10.369	-3.7	99	0.00
77		octane	10.000	10.196	-2.0	96	0.00
78	C	tetrachloroethene	10.000	9.696	3.0	96	0.00
79		1,1,1,2-tetrachloroethane	10.000	9.038	9.6	88	0.00
80	C	chlorobenzene	10.000	10.026	-0.3	99	0.00
81	C	ethylbenzene	10.000	10.813	-8.1	102	0.00
83	C	m+p-xylene	20.000	21.938	-9.7	103	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266203.D
Acq On : 19 Oct 2025 01:01 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-3,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 19 14:40:44 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
84	C	bromoform	10.000	10.526	-5.3	100	0.00
85	C	styrene	10.000	10.834	-8.3	101	0.00
86	C	1,1,2,2-tetrachloroethane	10.000	10.160	-1.6	101	0.00
87	C	o-xylene	10.000	10.570	-5.7	102	0.00
88		1,2,3-trichloropropane	10.000	9.626	3.7	93	0.00
89		nonane	10.000	10.654	-6.5	101	0.00
91	C	isopropylbenzene	10.000	10.199	-2.0	93	0.00
92		bromobenzene	10.000	9.498	5.0	93	0.00
93		2-chlorotoluene	10.000	9.399	6.0	90	0.00
94		n-propylbenzene	10.000	9.345	6.5	91	0.00
95		4-chlorotoluene	10.000	8.929	10.7	87	0.00
96		4-ethyl toluene	10.000	10.846	-8.5	98	0.00
97		1,3,5-trimethylbenzene	10.000	10.961	-9.6	104	0.00
98		tert-butylbenzene	10.000	9.785	2.1	93	0.00
99		1,2,4-trimethylbenzene	10.000	10.693	-6.9	101	0.00
100		decane	10.000	9.980	0.2	96	0.00
101	C	Benzyl Chloride	10.000	7.745	22.5	74	0.00
102		1,3-dichlorobenzene	10.000	9.693	3.1	95	0.00
103	C	1,4-dichlorobenzene	10.000	9.732	2.7	96	0.00
104		sec-butylbenzene	10.000	10.020	-0.2	91	0.00
106		p-isopropyltoluene	10.000	10.126	-1.3	93	0.00
107		1,2-dichlorobenzene	10.000	9.440	5.6	92	0.00
108		n-butylbenzene	10.000	10.232	-2.3	94	0.00
111	C	1,2-dibromo-3-chloropropane	10.000	8.304	17.0	82	0.00
112		undecane	10.000	10.701	-7.0	95	0.00
114		dodecane	10.000	11.517	-15.2	96	0.00
115	C	1,2,4-trichlorobenzene	10.000	9.300	7.0	89	0.00
116		naphthalene	10.000	10.269	-2.7	86	0.00
117		1,2,3-trichlorobenzene	10.000	9.360	6.4	86	0.00
119	C	hexachlorobutadiene	10.000	7.757	22.4	73	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266203.D
Acq On : 19 Oct 2025 01:01 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-3,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 19 14:40:44 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	193463	10.000	ppbV	0.00
Standard Area = 199817			Recovery = 96.82%			
43) 1,4-difluorobenzene	4.317	114	689256	10.000	ppbV	0.00
Standard Area = 700064			Recovery = 98.46%			
67) chlorobenzene-D5	6.438	54	106819	10.000	ppbV	0.00
Standard Area = 104710			Recovery = 102.01%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	1.953	85	483175	10.423	ppbV	98
6) chloromethane	1.997	50	139273	9.570	ppbV	98
7) Freon-114	2.024	85	564205	10.836	ppbV	99
9) vinyl chloride	2.057	62	183068	10.190	ppbV	98
10) 1,3-butadiene	2.096	54	120730	10.298	ppbV	97
13) bromomethane	2.173	94	196500	10.598	ppbV	99
14) chloroethane	2.222	64	124472	10.577	ppbV	99
15) ethanol	2.250	31	325199	42.368	ppbV	95
17) vinyl bromide	2.323	106	190375	10.221	ppbV	100
19) acetone	2.391	43	1144684	48.853	ppbV	98
21) trichlorofluoromethane	2.448	101	564063	10.595	ppbV	99
22) isopropyl alcohol	2.459	45	642112	22.791	ppbV	99
26) 1,1-dichloroethene	2.626	61	362830	10.507	ppbV	96
27) tertiary butyl alcohol	2.635	59	409692	8.601	ppbV	99
28) methylene chloride	2.659	49	241982	10.357	ppbV	100
29) 3-chloropropene	2.697	41	226163	9.963	ppbV	98
30) carbon disulfide	2.750	76	568534	9.465	ppbV	100
31) Freon 113	2.750	101	473426	10.337	ppbV	98
32) trans-1,2-dichloroethene	2.968	61	315620	10.008	ppbV	97
33) 1,1-dichloroethane	3.039	63	416037	10.090	ppbV	97
34) MTBE	3.070	73	643576	10.620	ppbV	99
36) 2-butanone	3.194	43	338596	11.563	ppbV	99
37) cis-1,2-dichloroethene	3.362	61	238780	10.978	ppbV	99
38) Ethyl Acetate	3.481	61	54815M6	9.817	ppbV	
39) chloroform	3.489	83	394325	10.369	ppbV	99
40) Tetrahydrofuran	3.661	42	142625	11.648	ppbV	97
42) 1,2-dichloroethane	3.807	62	238707	9.936	ppbV	98
44) hexane	3.474	57	254164	11.463	ppbV	89

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266203.D
Acq On : 19 Oct 2025 01:01 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-3,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 19 14:40:44 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	3.921	97	393381	9.477	ppbV	97
50) benzene	4.129	78	585347	10.912	ppbV	98
52) carbon tetrachloride	4.195	117	412246	10.671	ppbV	99
53) cyclohexane	4.261	56	257983	11.781	ppbV	98
56) 1,2-dichloropropane	4.515	63	203200	10.883	ppbV	96
57) bromodichloromethane	4.609	83	413052	11.098	ppbV	100
58) 1,4-dioxane	4.647	88	125176	10.749	ppbV	93
59) trichloroethene	4.638	130	293832	10.619	ppbV	99
60) 2,2,4-trimethylpentane	4.685	57	800370	11.415	ppbV	98
62) heptane	4.826	43	247497	11.930	ppbV	99
63) cis-1,3-dichloropropene	5.078	75	342177	11.929	ppbV	98
64) 4-methyl-2-pentanone	5.118	43	336397	11.819	ppbV	97
65) trans-1,3-dichloropropene	5.349	75	303190	13.269	ppbV	98
66) 1,1,2-trichloroethane	5.421	97	257754	10.704	ppbV	96
68) toluene	5.565	91	760323	10.763	ppbV	99
72) 2-hexanone	5.732	43	314453	10.975	ppbV	98
74) dibromochloromethane	5.756	129	422279	10.626	ppbV	99
75) 1,2-dibromoethane	5.876	107	414805	10.782	ppbV	100
78) tetrachloroethene	6.131	166	354447	9.696	ppbV	99
80) chlorobenzene	6.460	112	594975	10.026	ppbV	98
81) ethylbenzene	6.667	91	975662	10.813	ppbV	99
83) m+p-xylene	6.755	91	1585391	21.938	ppbV	99
84) bromoform	6.755	173	393668	10.526	ppbV	99
85) styrene	6.928	104	584762	10.834	ppbV	99
86) 1,1,2,2-tetrachloroethane	6.975	83	546740	10.160	ppbV	99
87) o-xylene	6.980	91	766064	10.570	ppbV	98
96) 4-ethyl toluene	7.635	105	1065292	10.846	ppbV	100
97) 1,3,5-trimethylbenzene	7.683	105	894759	10.961	ppbV	98
99) 1,2,4-trimethylbenzene	7.890	105	922433	10.693	ppbV	98
101) Benzyl Chloride	7.954	91	572721	7.745	ppbV	100
102) 1,3-dichlorobenzene	7.954	146	632583	9.693	ppbV	98
103) 1,4-dichlorobenzene	7.994	146	641816	9.732	ppbV	98
107) 1,2-dichlorobenzene	8.178	146	604017	9.440	ppbV	97
115) 1,2,4-trichlorobenzene	9.183	180	604248	9.300	ppbV	97
116) naphthalene	9.236	128	1485759	10.269	ppbV	100
119) hexachlorobutadiene	9.464	225	376711	7.757	ppbV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266203.D
Acq On : 19 Oct 2025 01:01 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-3,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 19 14:40:44 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

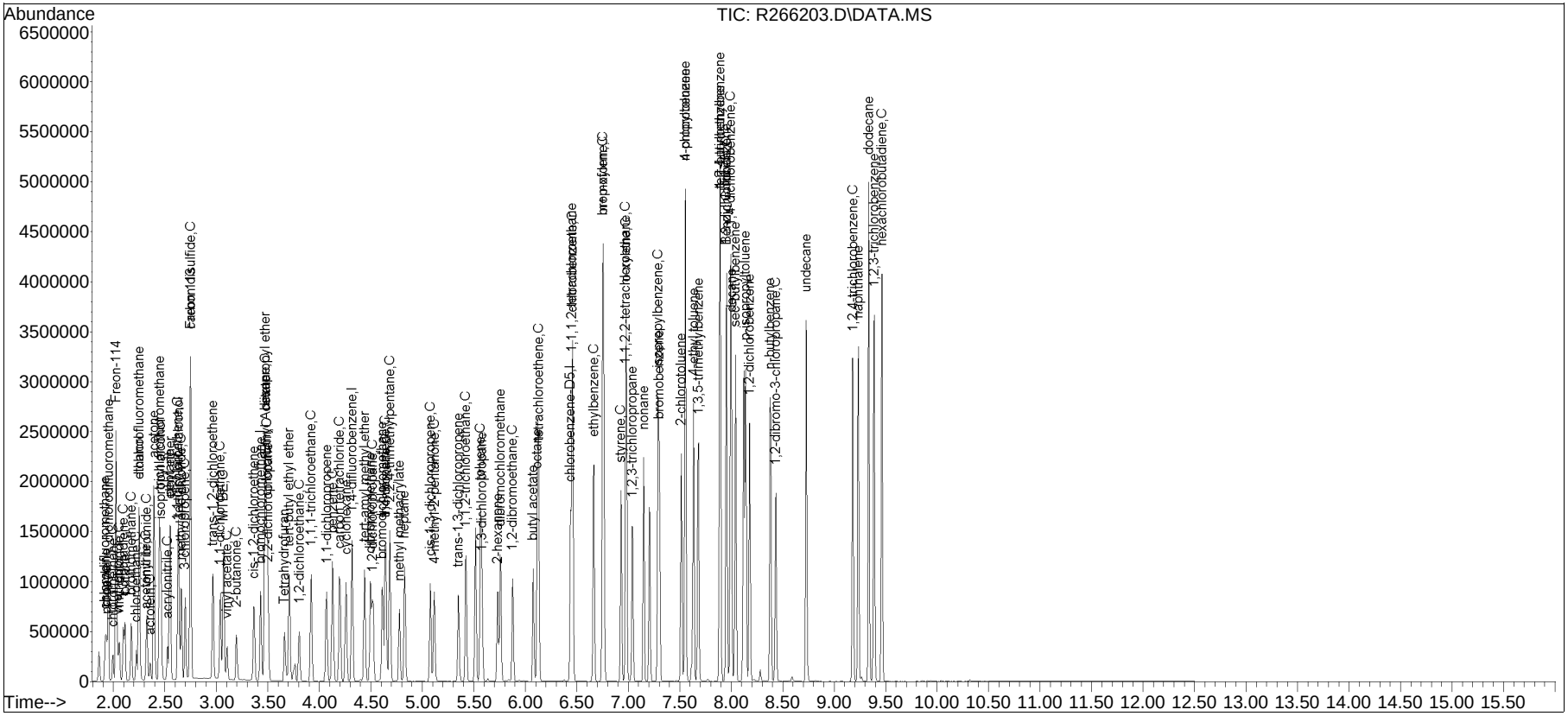
CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : Default-LCS-AP2 - All compounds listed

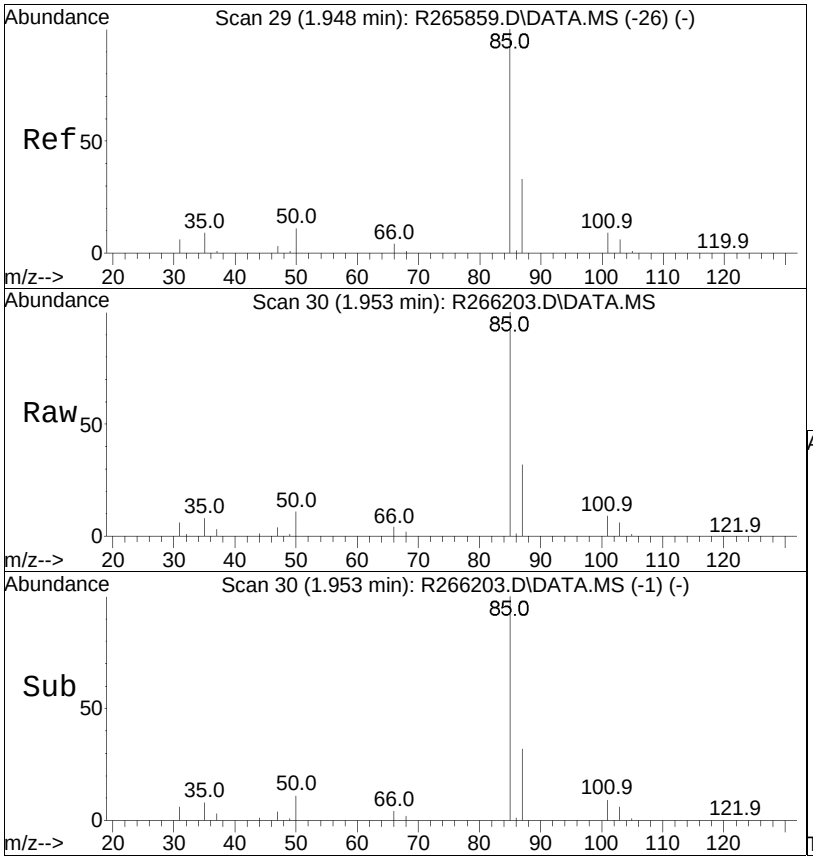
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listedR266202.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266203.D
Acq On : 19 Oct 2025 01:01 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-3,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 19 14:40:44 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

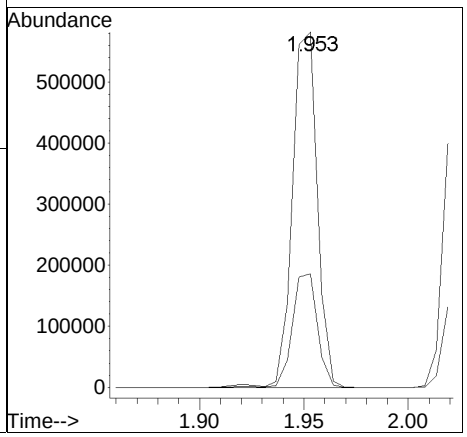


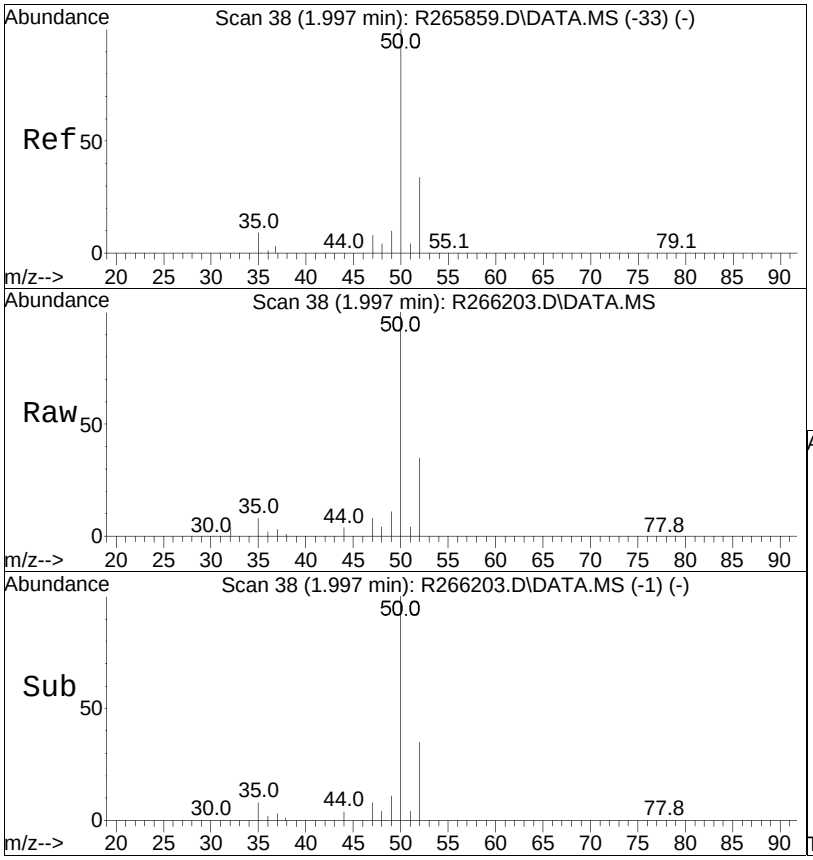


#5
dichlorodifluoromethane
Concen: 10.42 ppbV
RT: 1.953 min Scan# 30
Delta R.T. 0.005 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 85 Resp: 483175

Ion	Ratio	Lower	Upper
85	100		
87	32.0	26.4	39.6

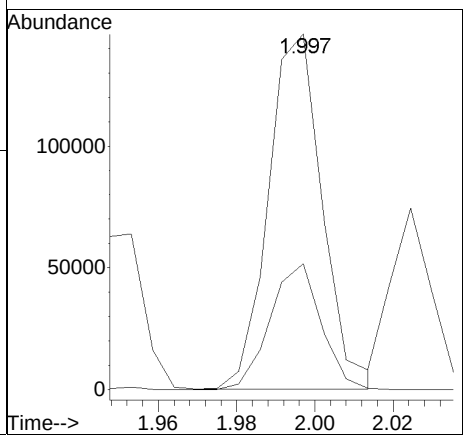


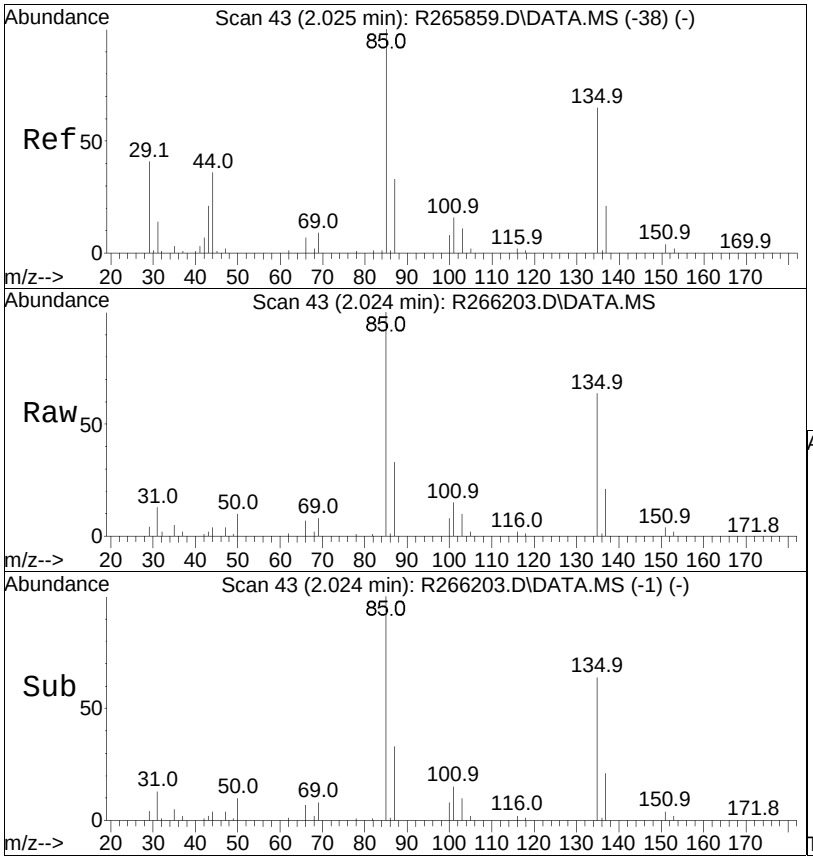


#6
chloromethane
Concen: 9.57 ppbV
RT: 1.997 min Scan# 38
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 50 Resp: 139273

Ion	Ratio	Lower	Upper
50	100		
52	35.4	27.3	40.9

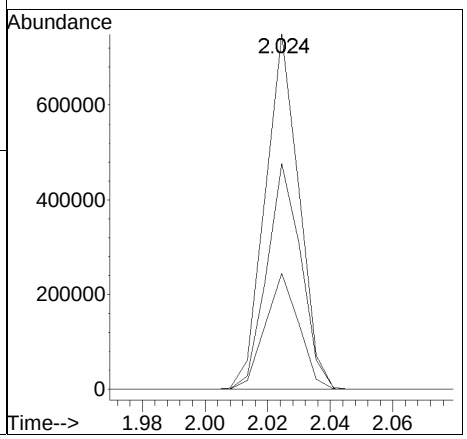


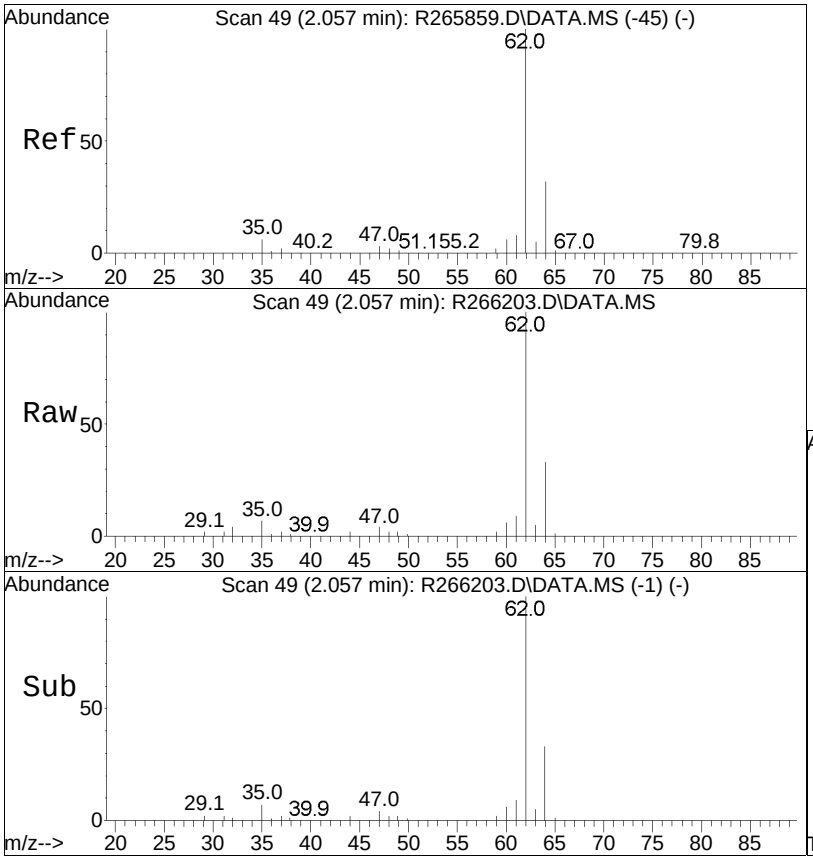


#7
Freon-114
Concen: 10.84 ppbV
RT: 2.024 min Scan# 43
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 85 Resp: 564205

Ion	Ratio	Lower	Upper
85	100		
87	32.7	26.1	39.1
135	63.6	51.7	77.5

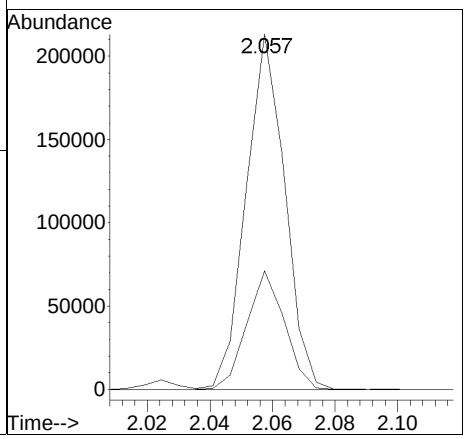


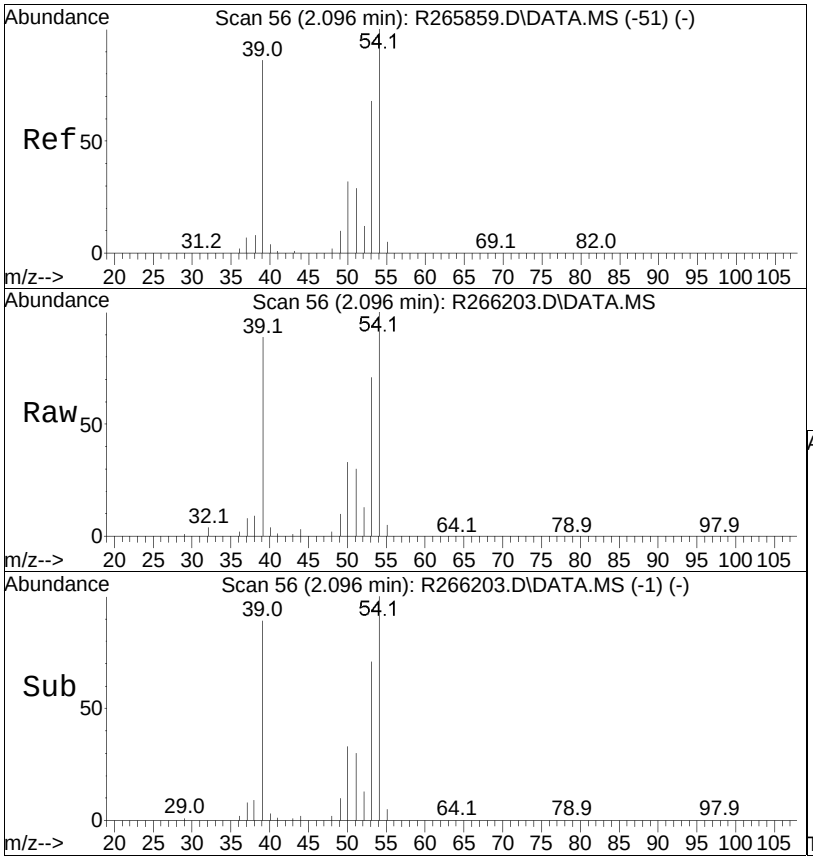


#9
vinyl chloride
Concen: 10.19 ppbV
RT: 2.057 min Scan# 49
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 62 Resp: 183068

Ion	Ratio	Lower	Upper
62	100		
64	33.4	25.8	38.8

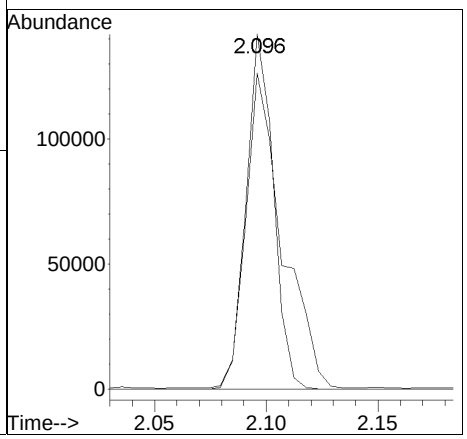


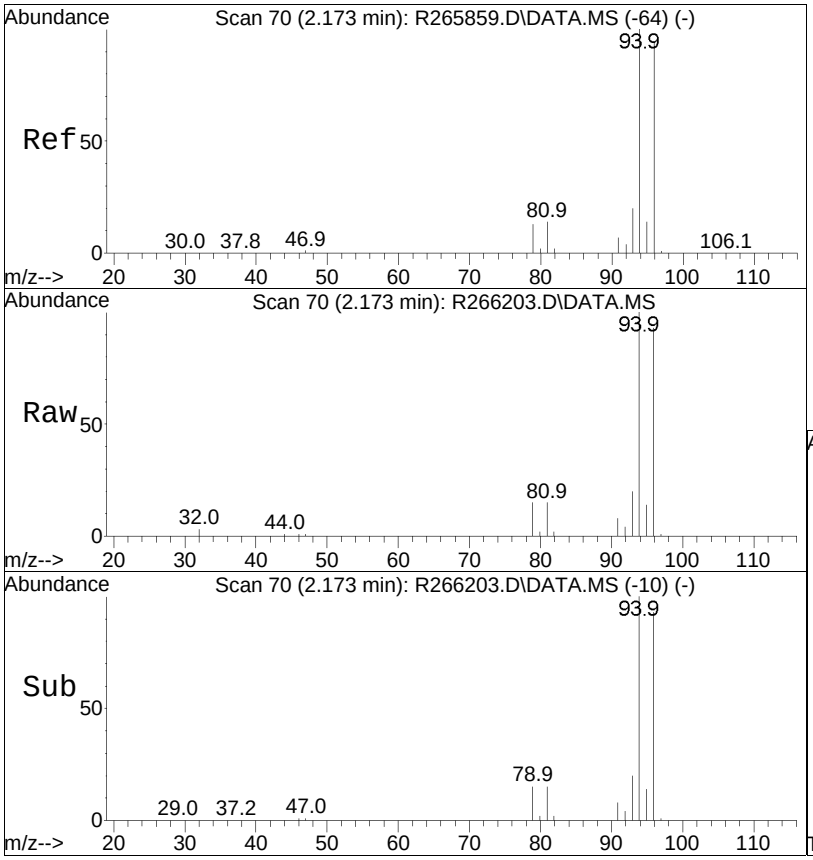


#10
1,3-butadiene
Concen: 10.30 ppbV
RT: 2.096 min Scan# 56
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 54 Resp: 120730

Ion	Ratio	Lower	Upper
54	100		
39	89.0	69.0	103.4

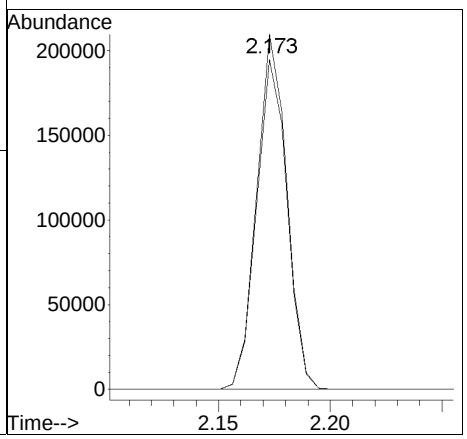


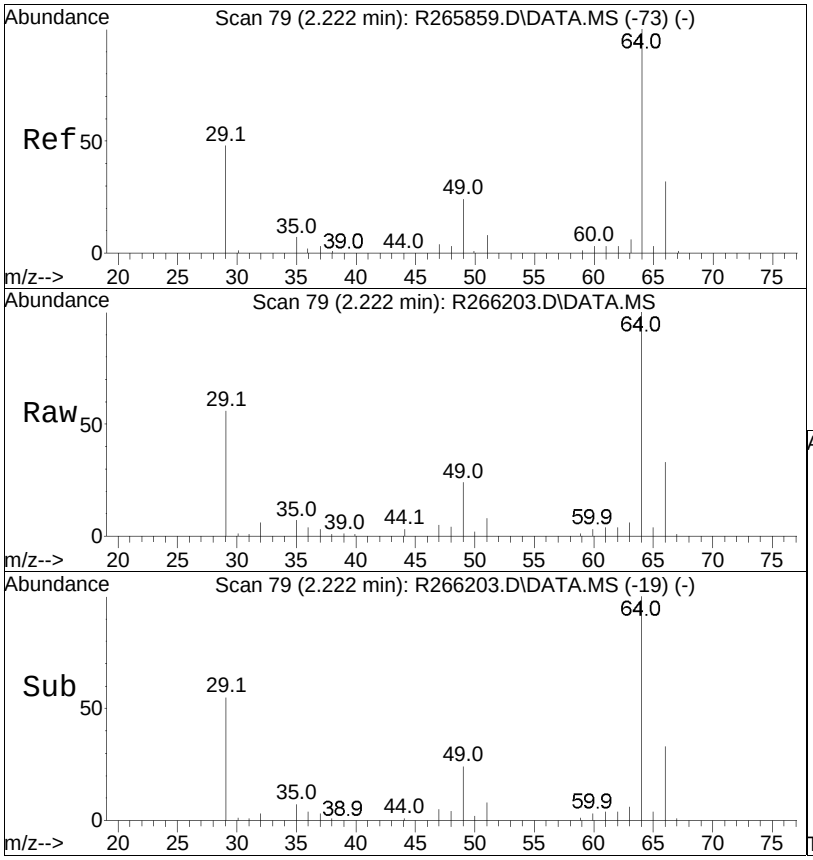


#13
bromomethane
Concen: 10.60 ppbV
RT: 2.173 min Scan# 70
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 94 Resp: 196500

Ion	Ratio	Lower	Upper
94	100		
96	92.8	75.0	112.4

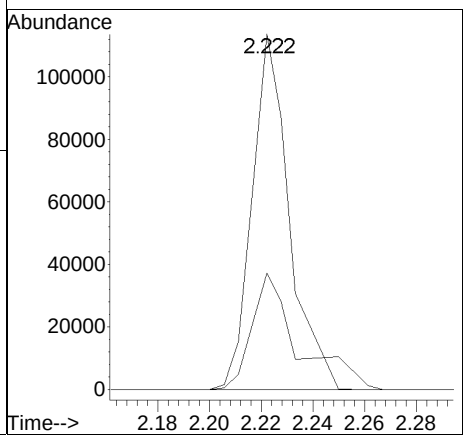


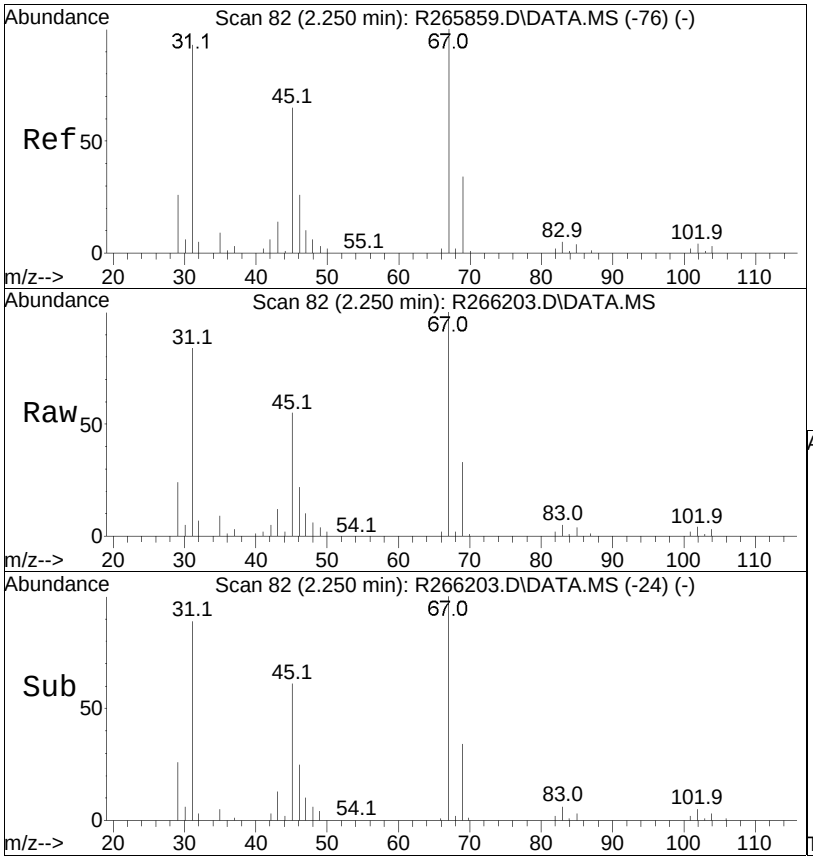


#14
chloroethane
Concen: 10.58 ppbV
RT: 2.222 min Scan# 79
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 64 Resp: 124472

Ion	Ratio	Lower	Upper
64	100		
66	32.7	25.6	38.4

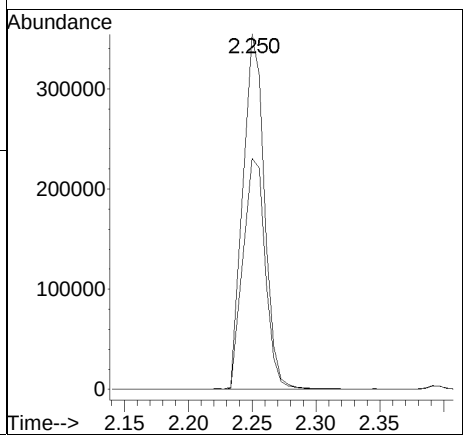


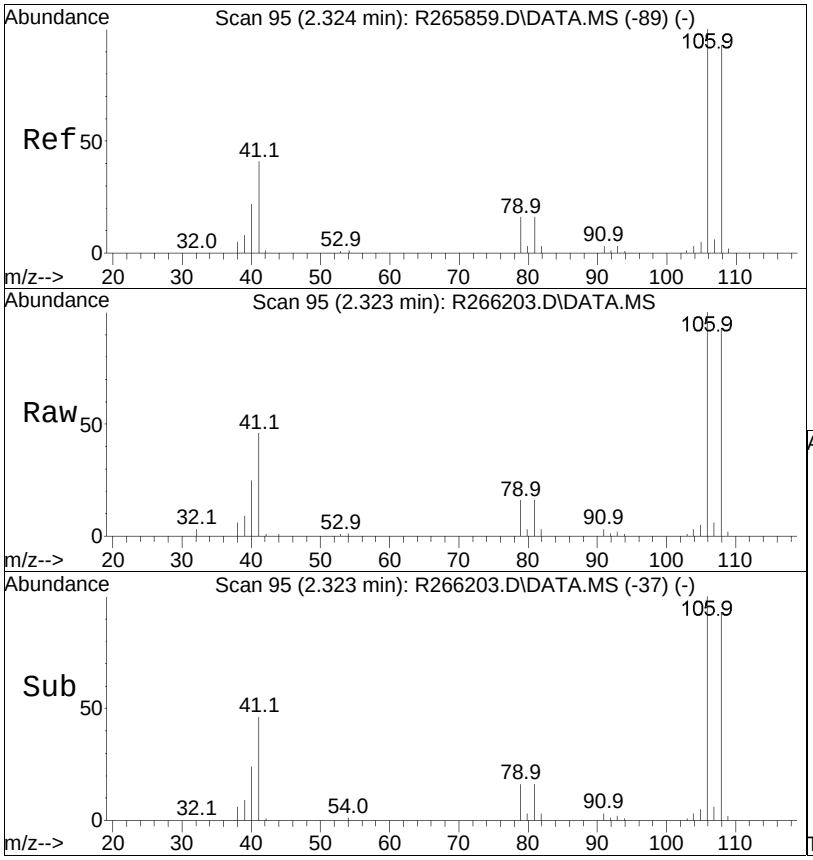


#15
ethanol
Concen: 42.37 ppbV
RT: 2.250 min Scan# 82
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 31 Resp: 325199

Ion	Ratio	Lower	Upper
31	100		
45	65.0	55.6	83.4

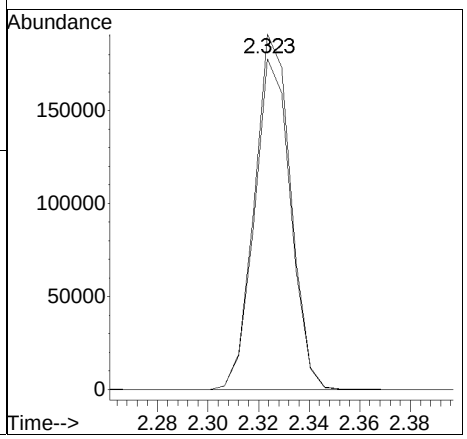


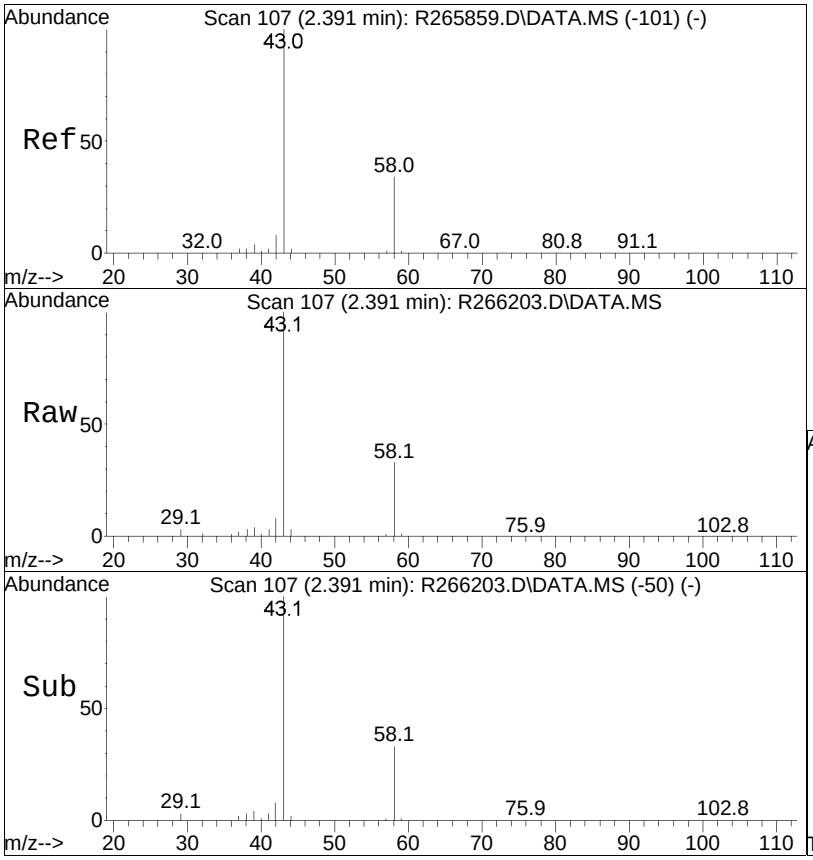


#17
vinyl bromide
Concen: 10.22 ppbV
RT: 2.323 min Scan# 95
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:106 Resp: 190375

Ion	Ratio	Lower	Upper
106	100		
108	93.0	74.4	111.6

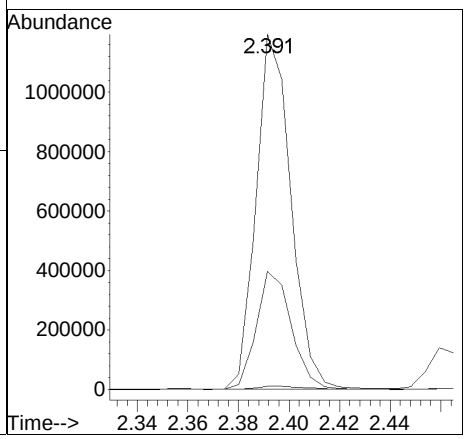


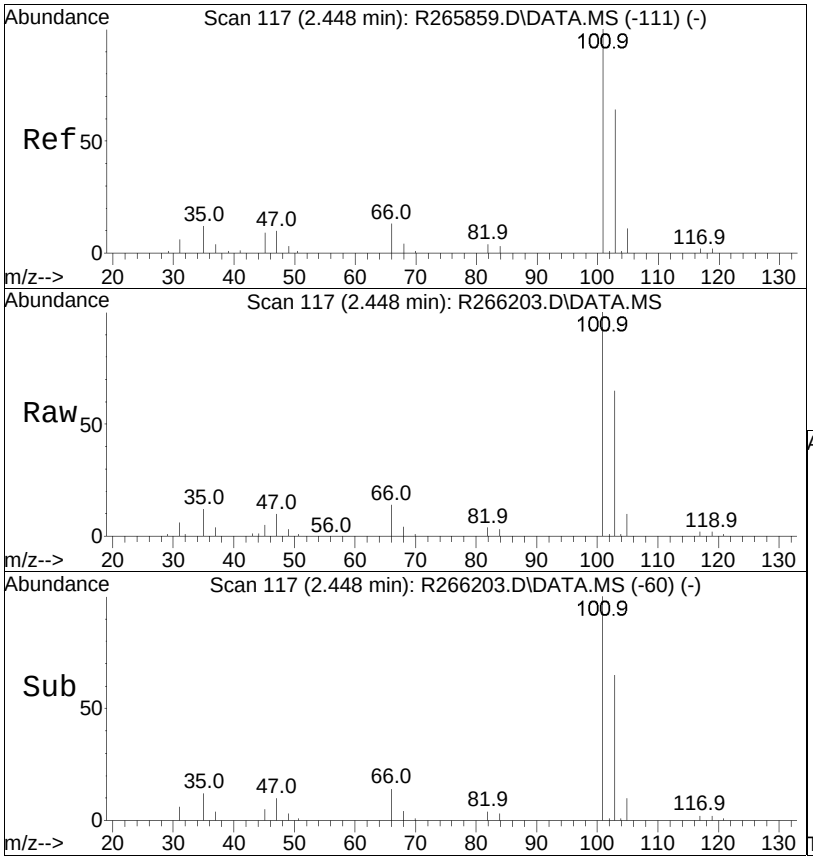


#19
acetone
Concen: 48.85 ppbV
RT: 2.391 min Scan# 107
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 43 Resp: 1144684

Ion	Ratio	Lower	Upper
43	100		
58	33.2	27.4	41.2
57	0.9	0.7	1.1

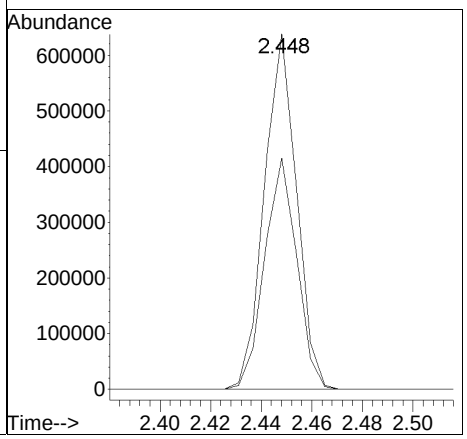


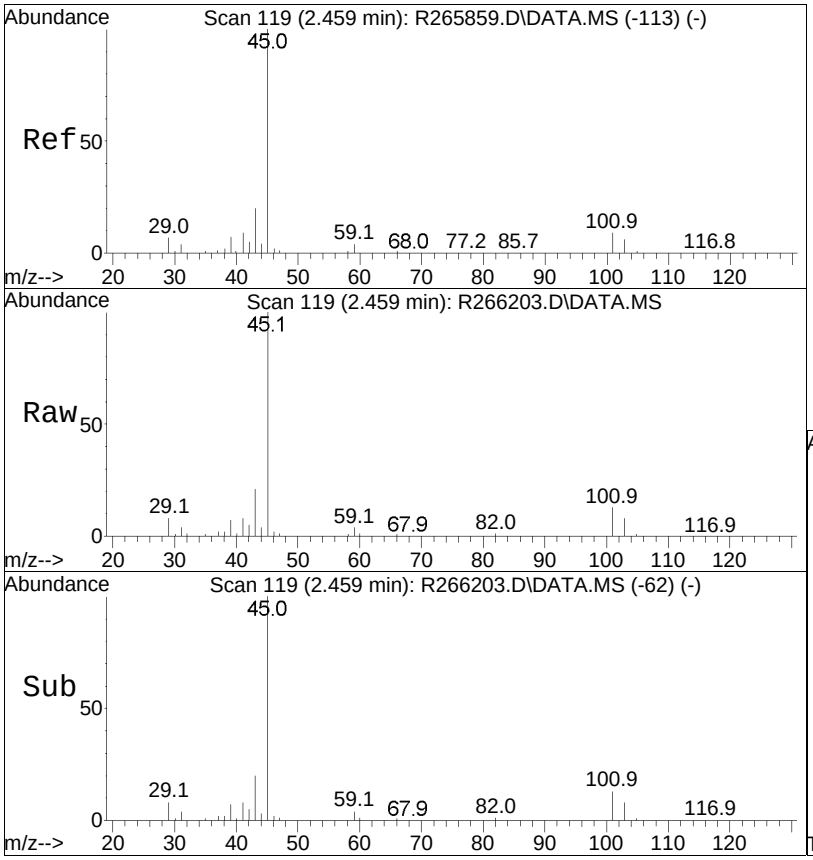


#21
trichlorofluoromethane
Concen: 10.59 ppbV
RT: 2.448 min Scan# 117
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:101 Resp: 564063

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.6	77.4

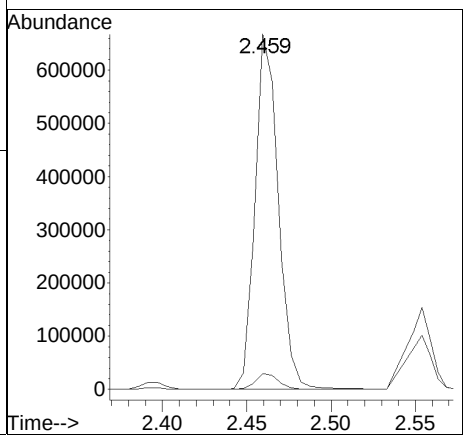


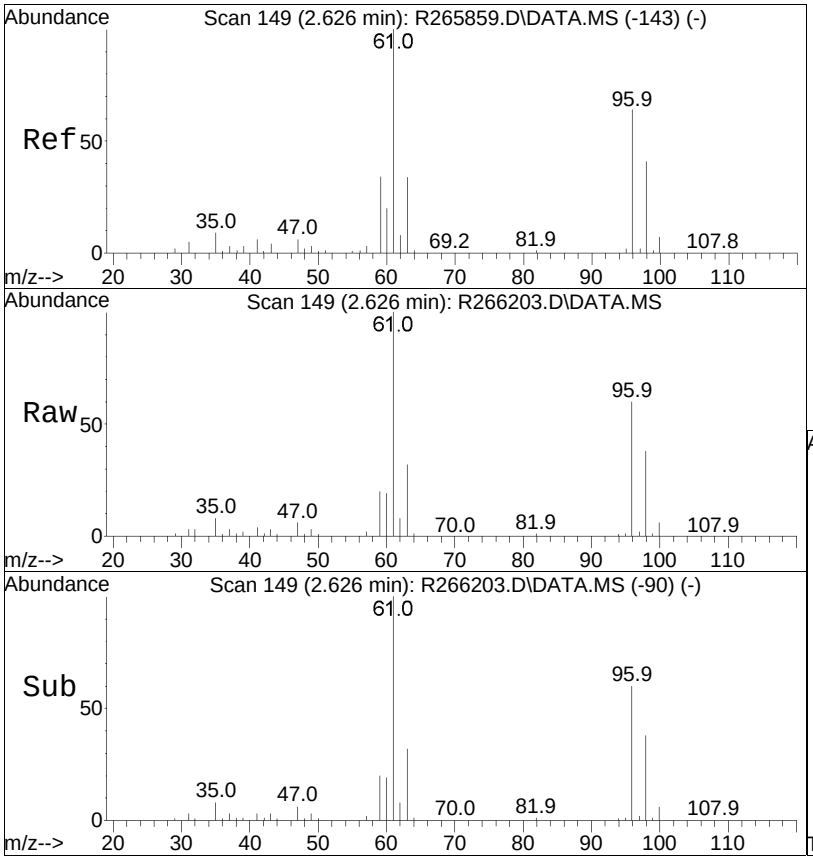


#22
isopropyl alcohol
Concen: 22.79 ppbV
RT: 2.459 min Scan# 119
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 45 Resp: 642112

Ion	Ratio	Lower	Upper
45	100		
59	4.5	3.4	5.2

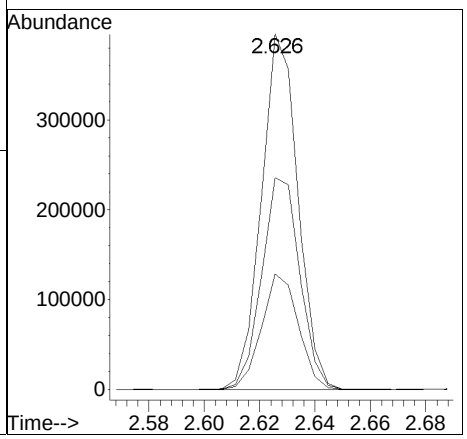


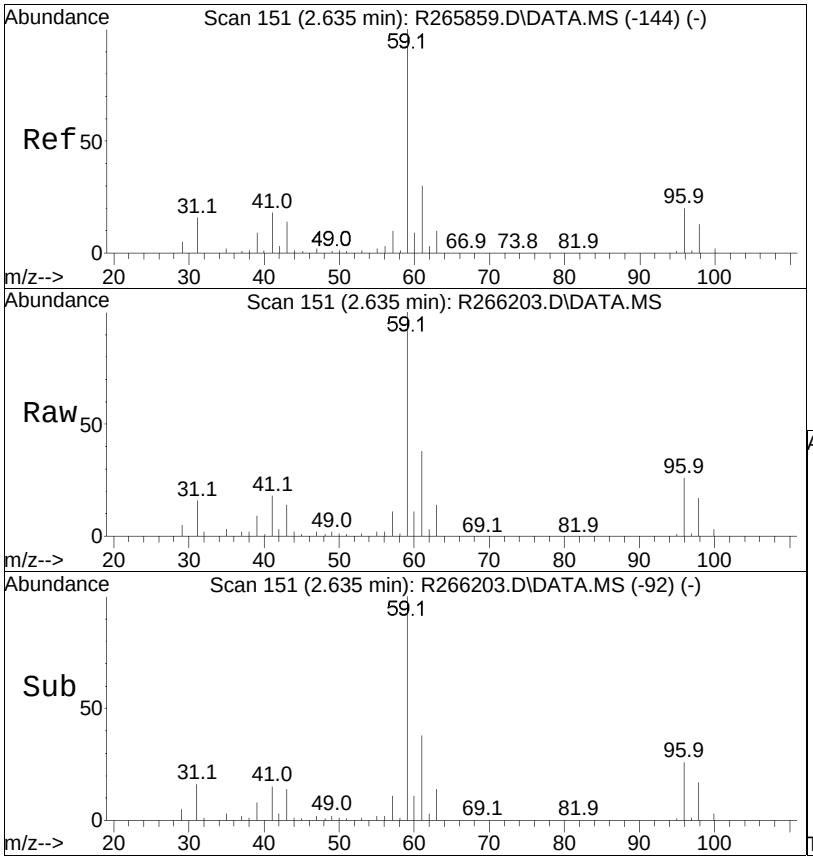


#26
1,1-dichloroethene
Concen: 10.51 ppbV
RT: 2.626 min Scan# 149
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 61 Resp: 362830

Ion	Ratio	Lower	Upper
61	100		
96	59.6	50.8	76.2
63	32.5	27.0	40.6

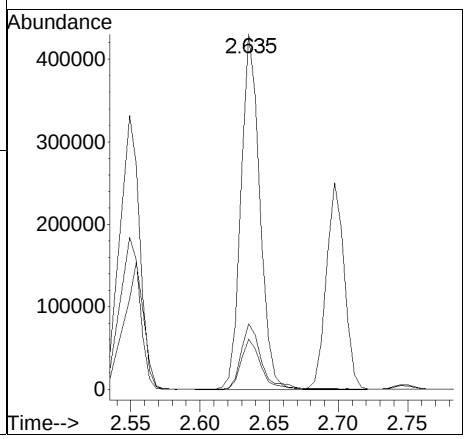


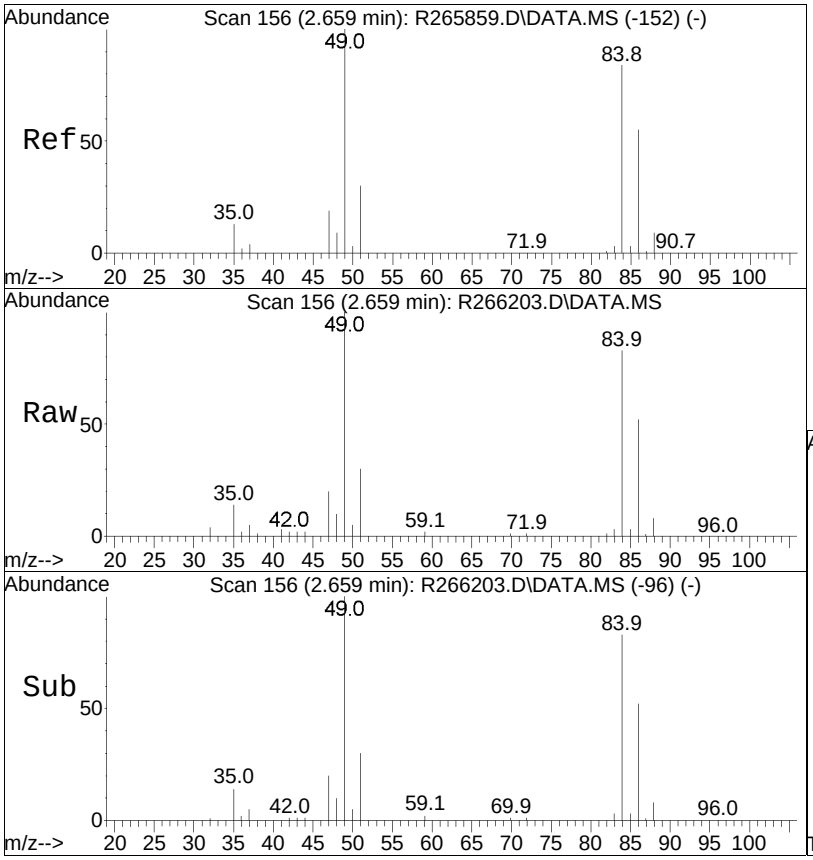


#27
tertiary butyl alcohol
Concen: 8.60 ppbV
RT: 2.635 min Scan# 151
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 59 Resp: 409692

Ion	Ratio	Lower	Upper
59	100		
41	18.5	14.2	21.4
43	14.1	11.0	16.4

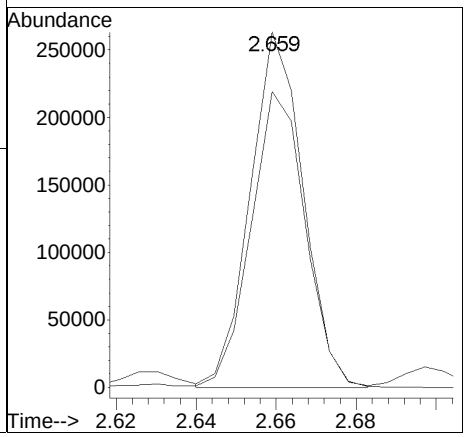


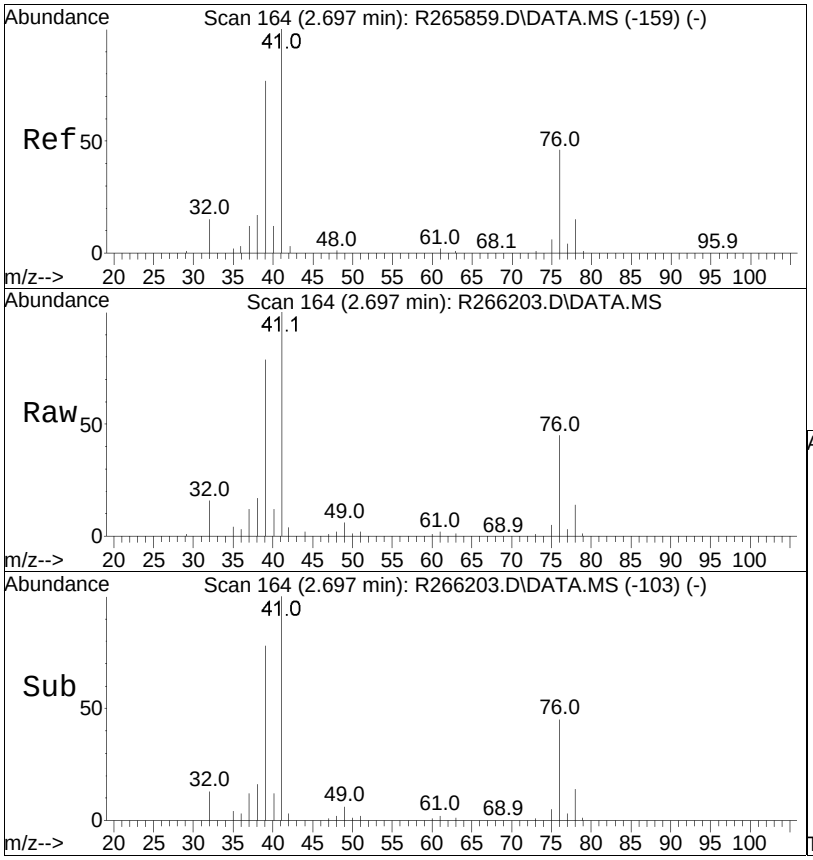


#28
methylene chloride
Concen: 10.36 ppbV
RT: 2.659 min Scan# 156
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 49 Resp: 241982

Ion	Ratio	Lower	Upper
49	100		
84	83.2	66.6	99.8

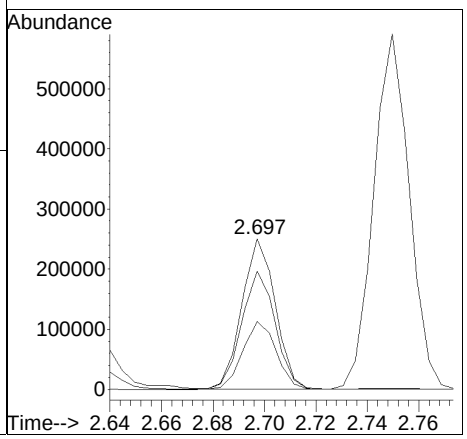


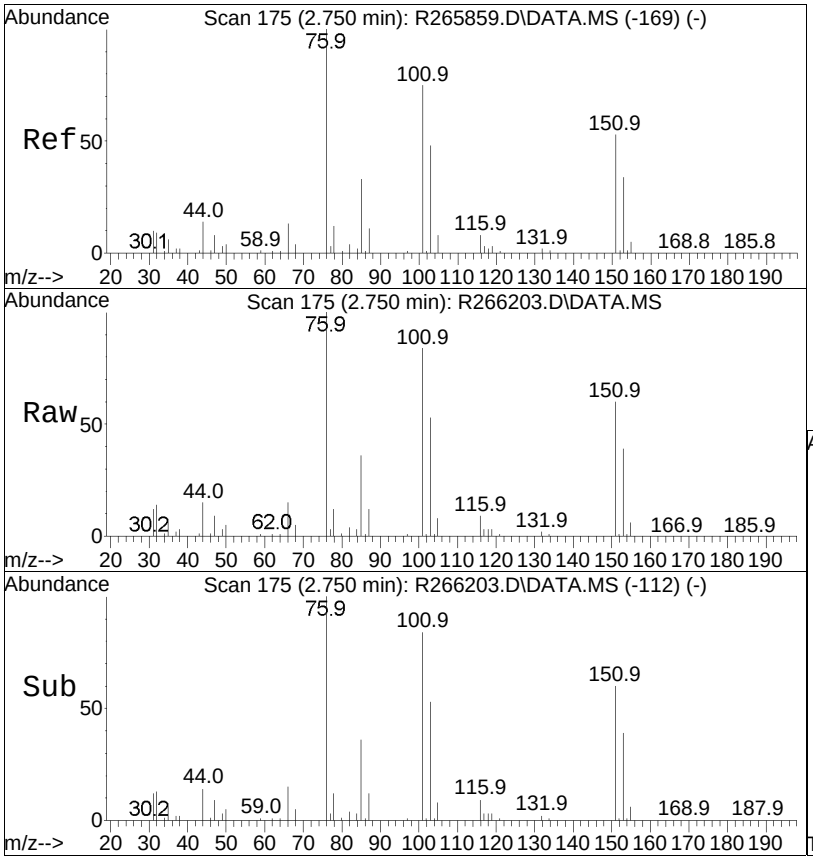


#29
3-chloropropene
Concen: 9.96 ppbV
RT: 2.697 min Scan# 164
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 41 Resp: 226163

Ion	Ratio	Lower	Upper
41	100		
39	78.5	61.4	92.0
76	45.1	36.4	54.6

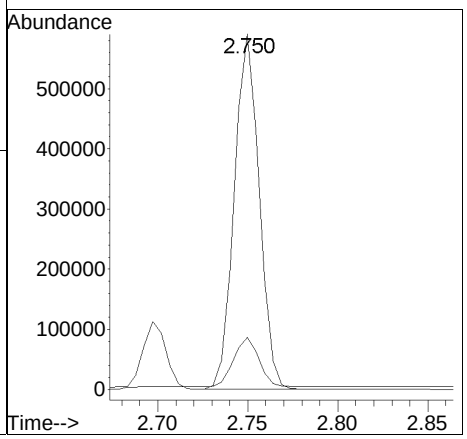


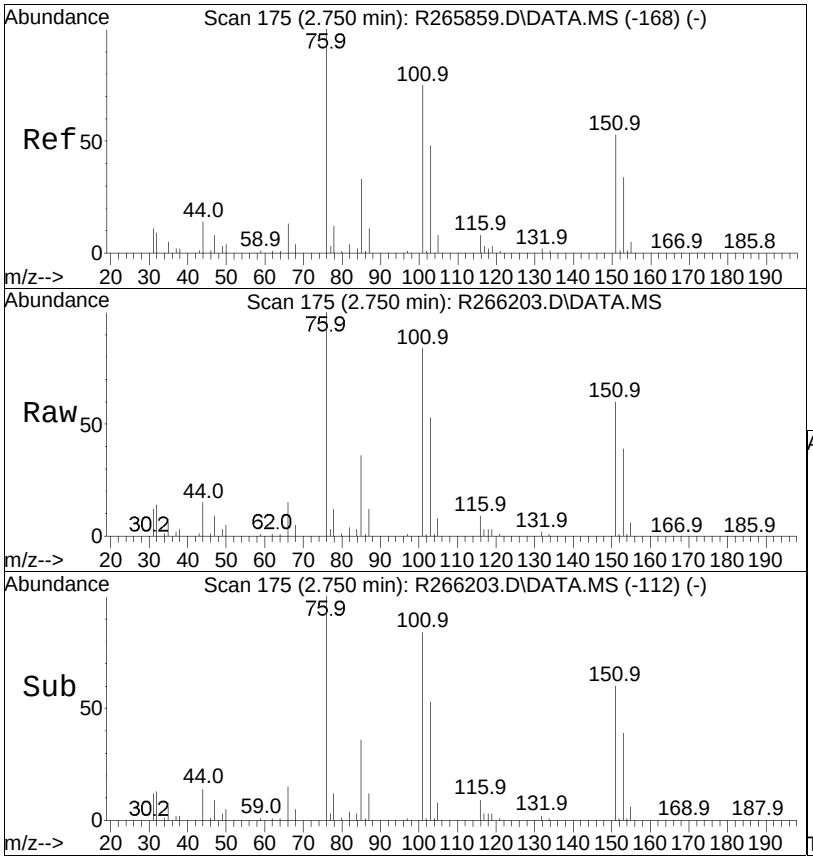


#30
carbon disulfide
Concen: 9.47 ppbV
RT: 2.750 min Scan# 175
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 76 Resp: 568534

Ion	Ratio	Lower	Upper
76	100		
44	14.6	11.6	17.4

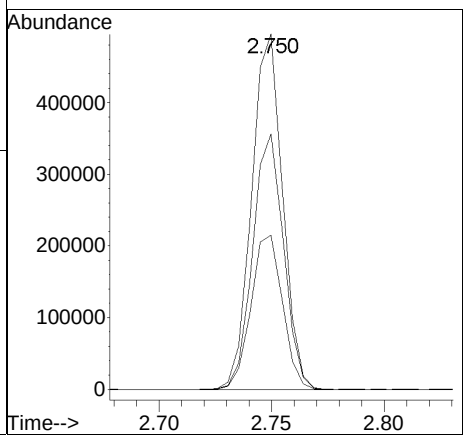


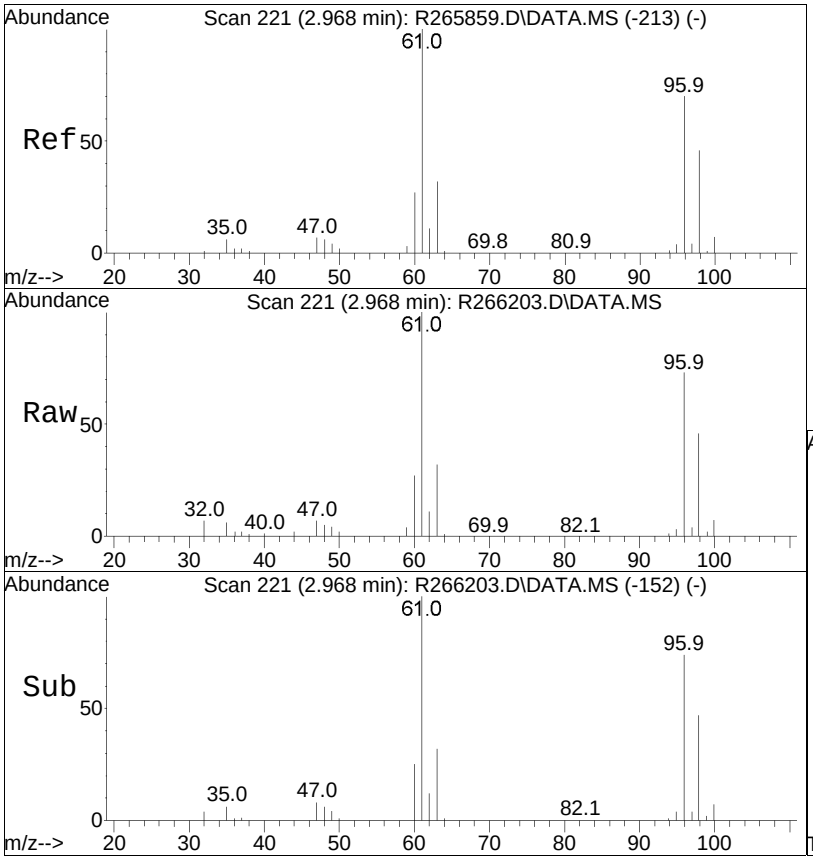


#31
Freon 113
Concen: 10.34 ppbV
RT: 2.750 min Scan# 175
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:101 Resp: 473426

Ion	Ratio	Lower	Upper
101	100		
85	43.4	35.0	52.4
151	71.9	55.8	83.8

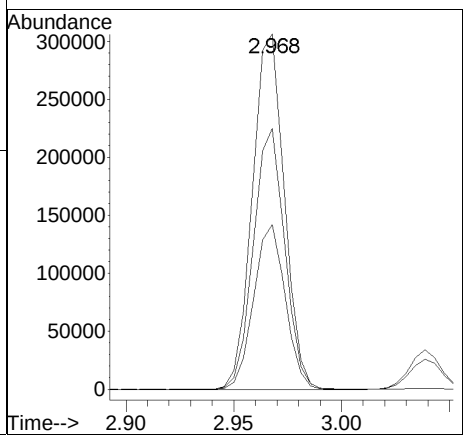


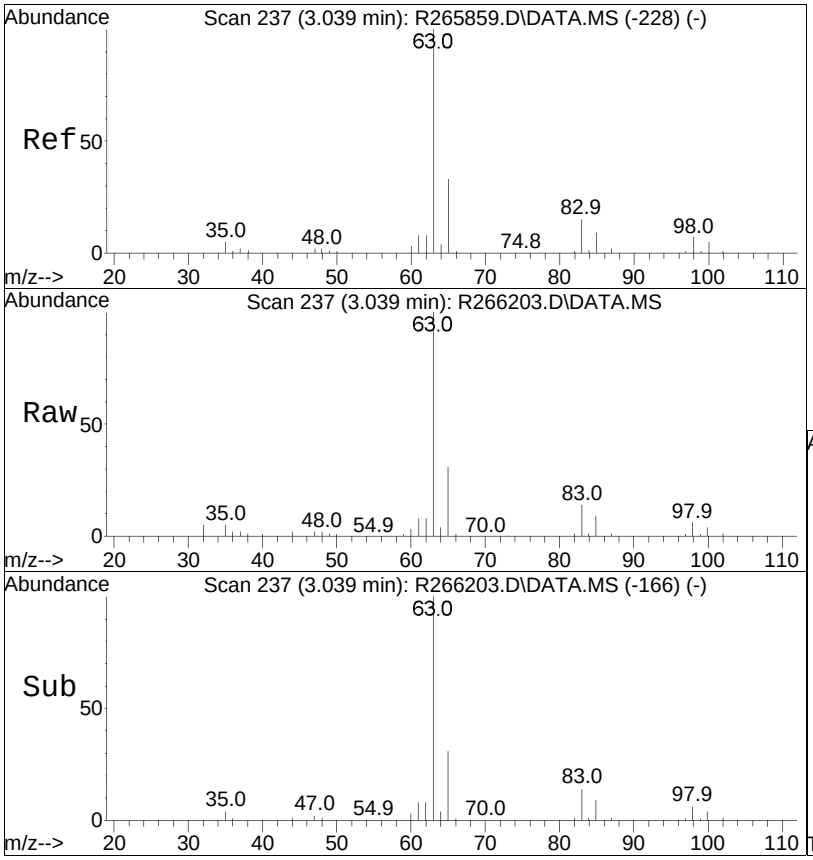


#32
trans-1,2-dichloroethene
Concen: 10.01 ppbV
RT: 2.968 min Scan# 221
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 61 Resp: 315620

Ion	Ratio	Lower	Upper
61	100		
96	73.4	56.4	84.6
98	46.4	36.5	54.7

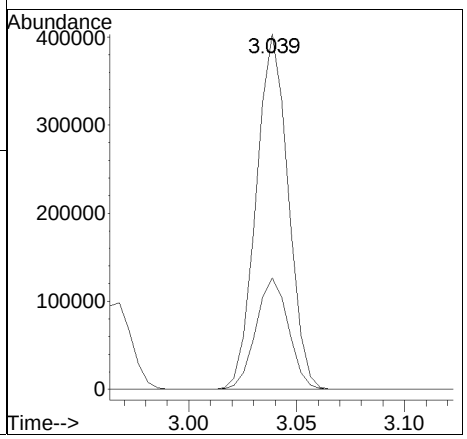


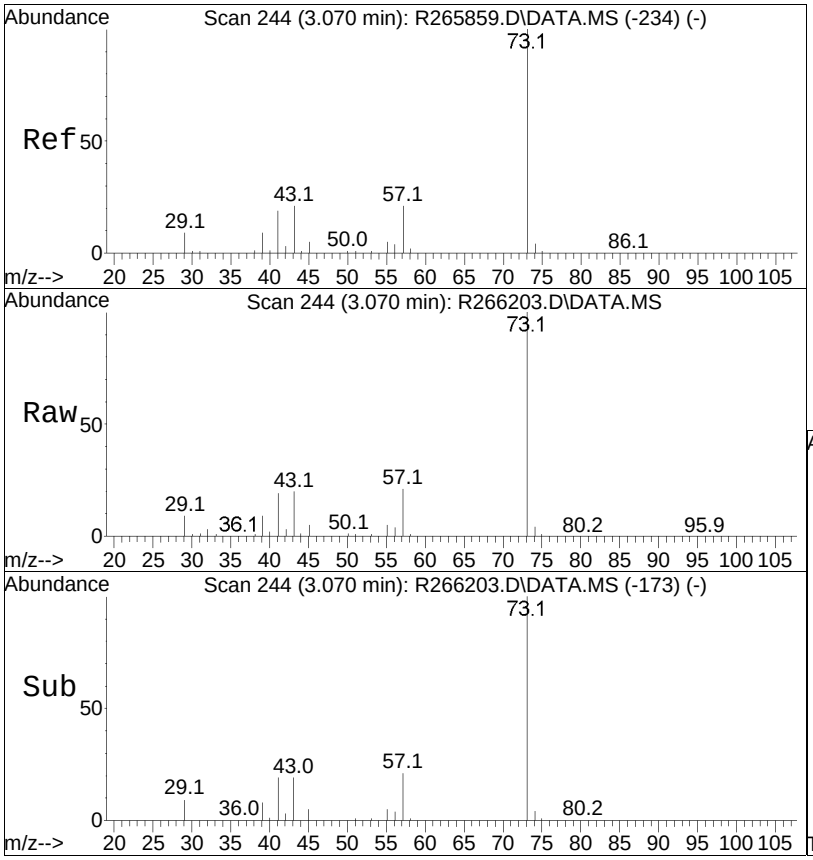


#33
1,1-dichloroethane
Concen: 10.09 ppbV
RT: 3.039 min Scan# 237
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 63 Resp: 416037

Ion	Ratio	Lower	Upper
63	100		
65	31.4	26.4	39.6

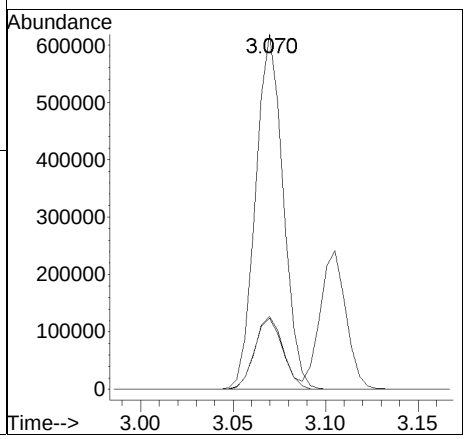


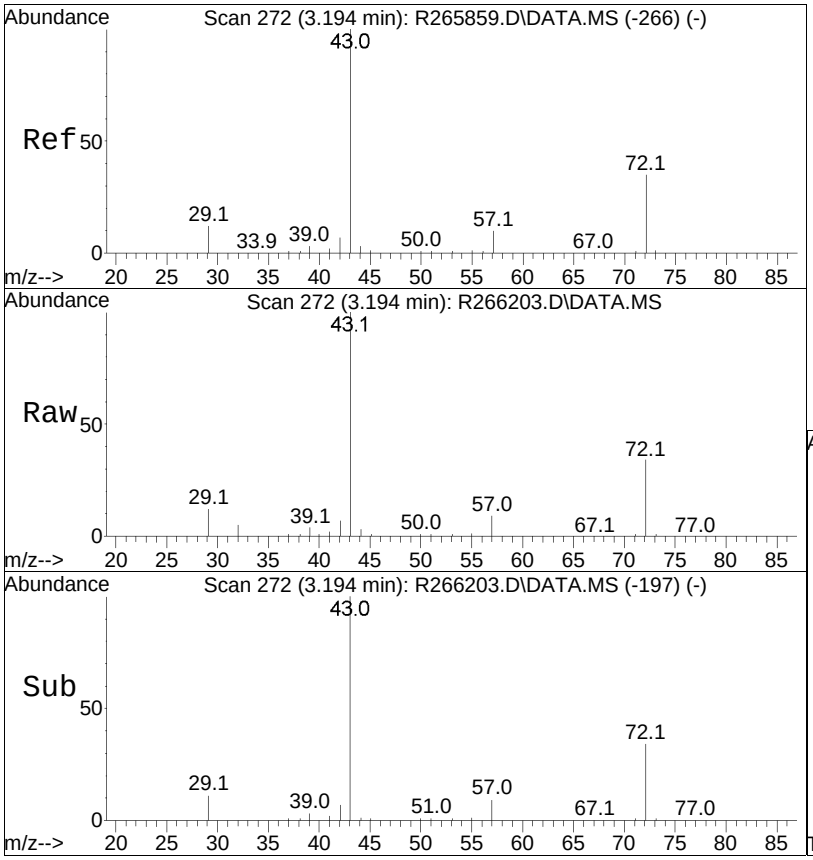


#34
MTBE
Concen: 10.62 ppbV
RT: 3.070 min Scan# 244
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 73 Resp: 643576

Ion	Ratio	Lower	Upper
73	100		
57	20.6	16.6	25.0
43	20.1	16.7	25.1

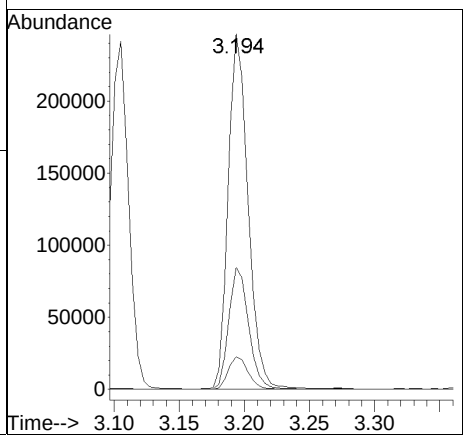


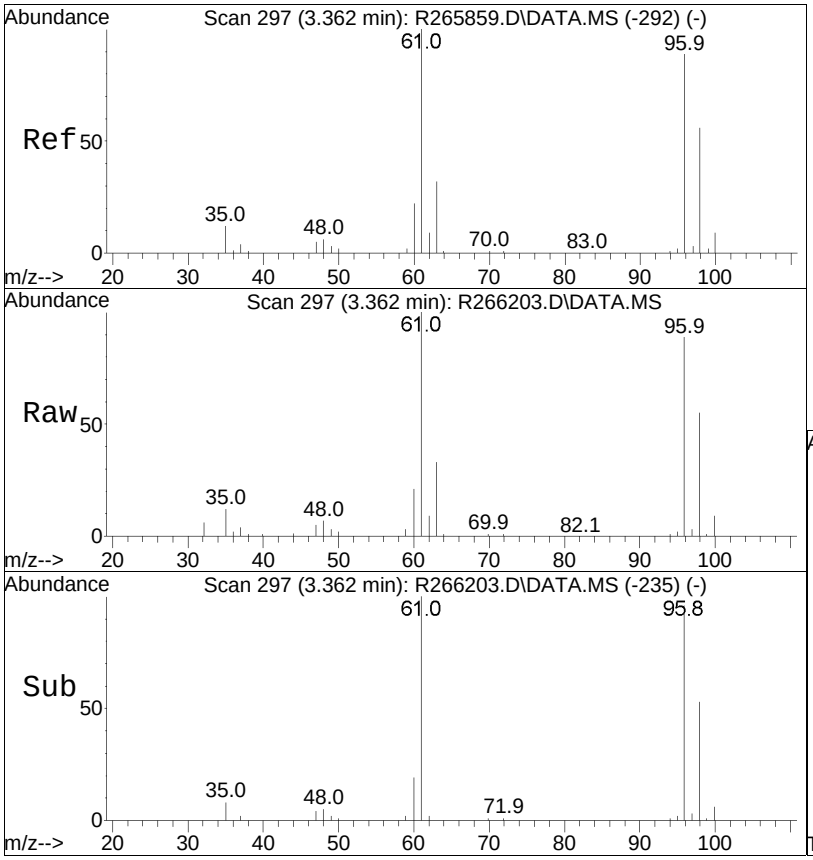


#36
2-butanone
Concen: 11.56 ppbV
RT: 3.194 min Scan# 272
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 43 Resp: 338596

Ion	Ratio	Lower	Upper
43	100		
72	34.4	27.9	41.9
57	9.2	8.2	12.2

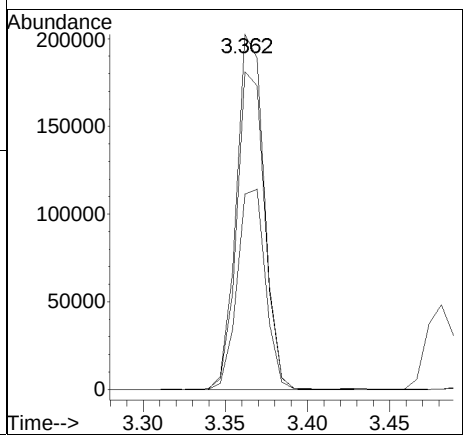


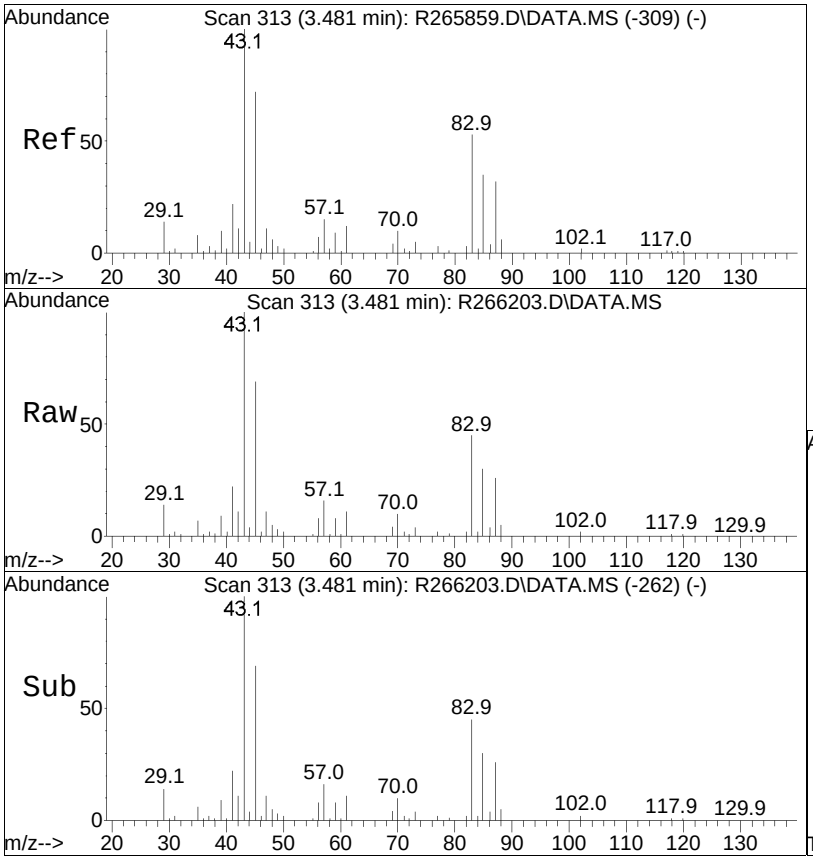


#37
cis-1,2-dichloroethene
Concen: 10.98 ppbV
RT: 3.362 min Scan# 297
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 61 Resp: 238780

Ion	Ratio	Lower	Upper
61	100		
96	89.5	71.0	106.4
98	54.9	44.5	66.7

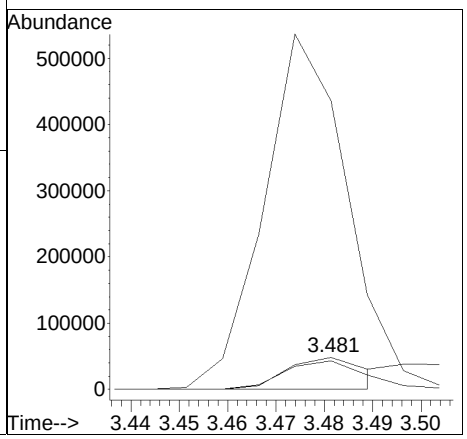


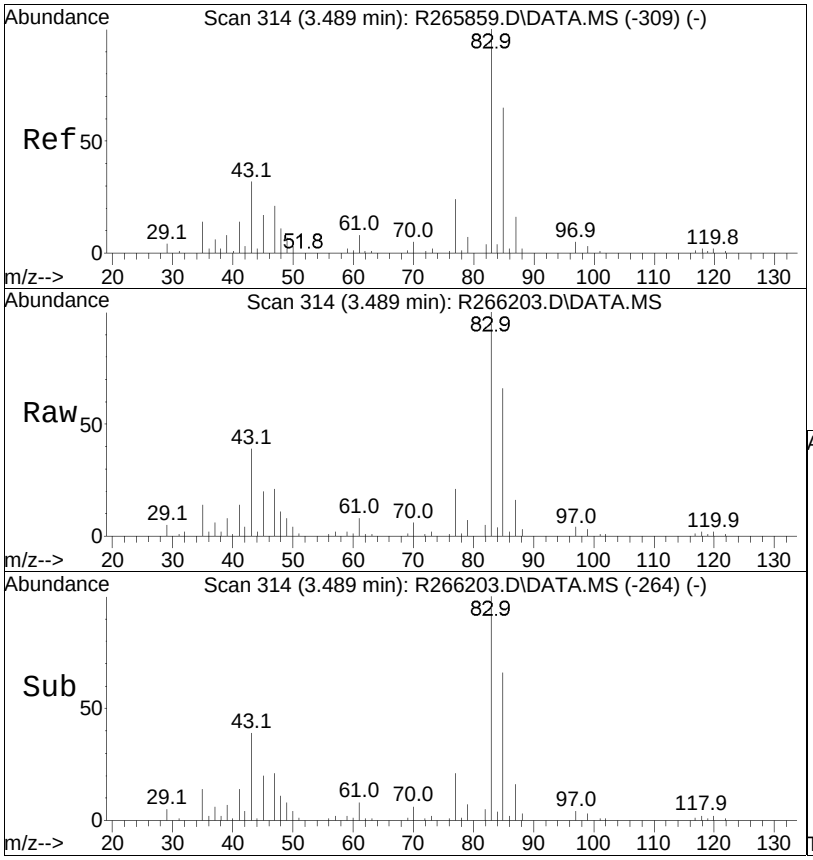


#38
Ethyl Acetate
Concen: 9.82 ppbV m
RT: 3.481 min Scan# 313
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 61 Resp: 54815

Ion	Ratio	Lower	Upper
61	100		
70	89.2	68.1	102.1
43	902.6	670.2	1005.4

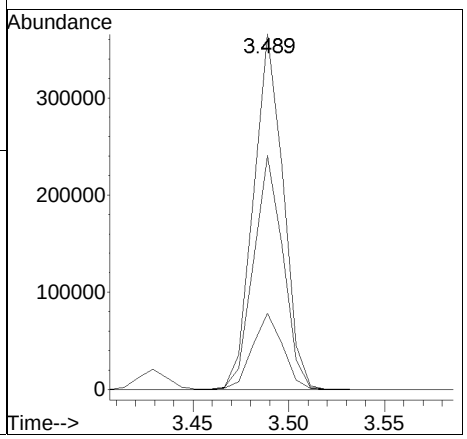


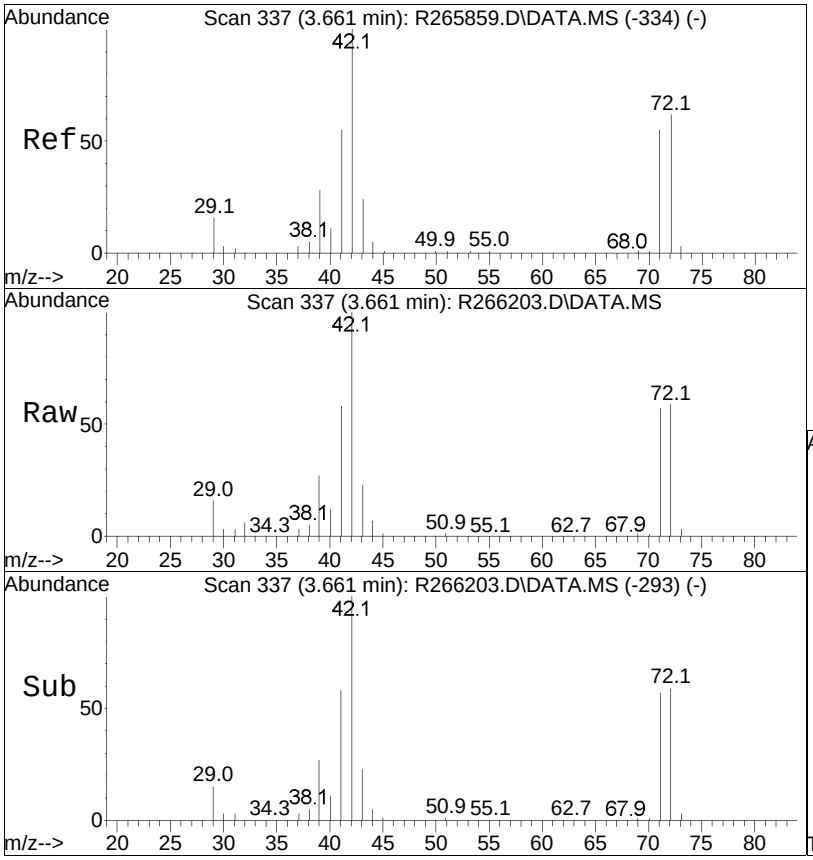


#39
chloroform
Concen: 10.37 ppbV
RT: 3.489 min Scan# 314
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 83 Resp: 394325

Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.9	77.9
47	21.4	17.0	25.4

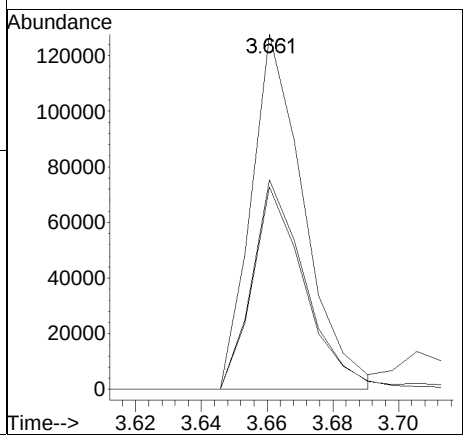


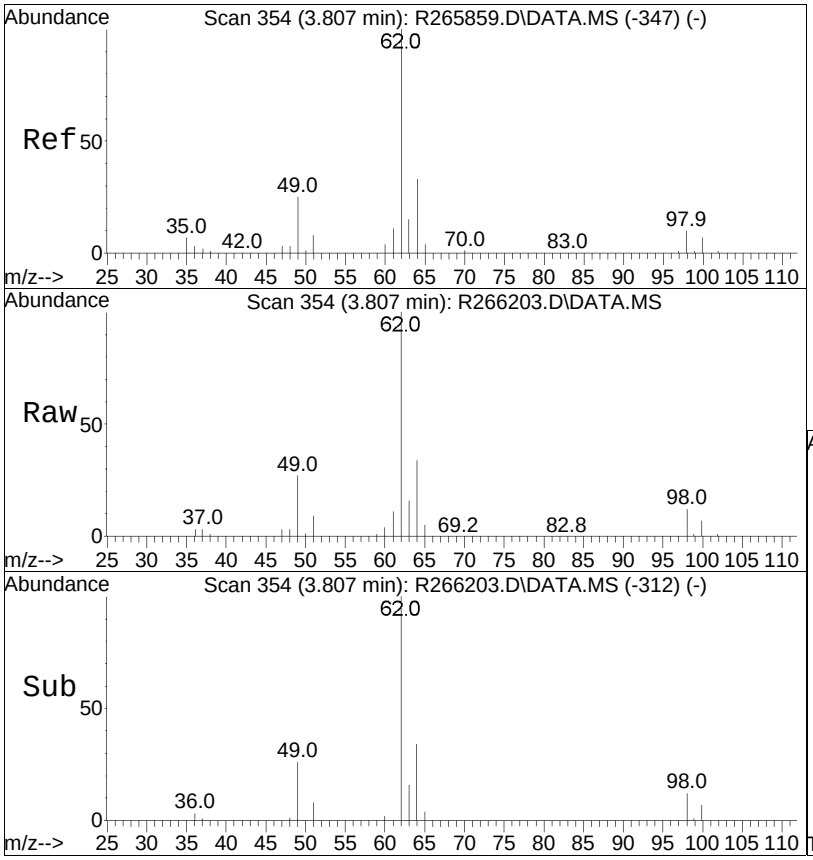


#40
Tetrahydrofuran
Concen: 11.65 ppbV
RT: 3.661 min Scan# 337
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 42 Resp: 142625

Ion	Ratio	Lower	Upper
42	100		
71	57.0	44.3	66.5
72	59.0	49.4	74.2

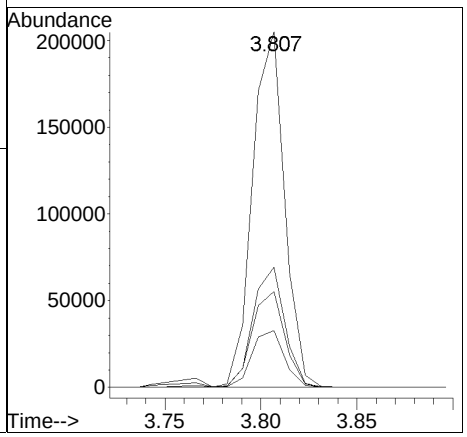


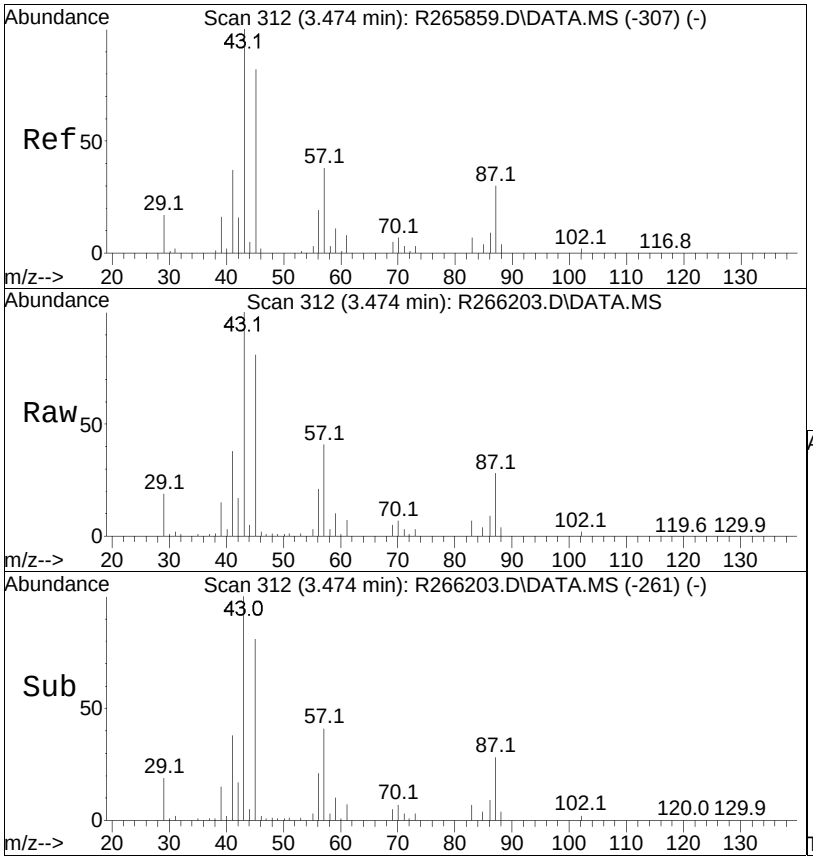


#42
1,2-dichloroethane
Concen: 9.94 ppbV
RT: 3.807 min Scan# 354
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 62 Resp: 238707

Ion	Ratio	Lower	Upper
62	100		
64	33.8	26.4	39.6
49	27.0	20.0	30.0
63	16.0	12.4	18.6

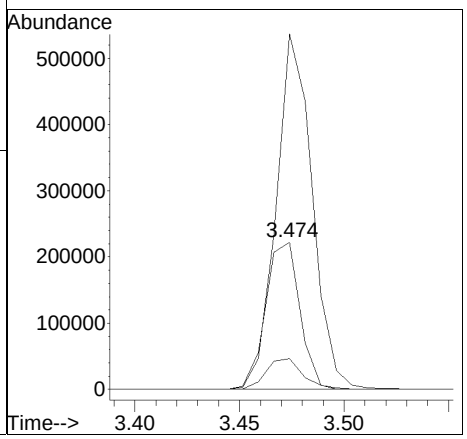


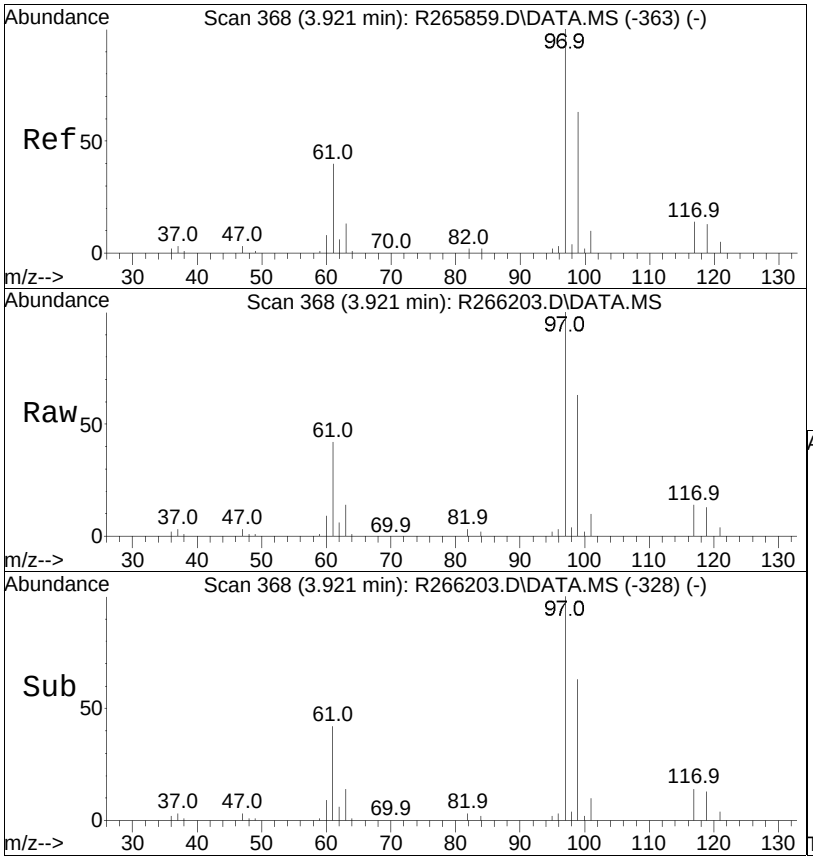


#44
hexane
Concen: 11.46 ppbV
RT: 3.474 min Scan# 312
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 57 Resp: 254164

Ion	Ratio	Lower	Upper
57	100		
43	241.6	209.9	314.9
86	21.0	18.6	27.8

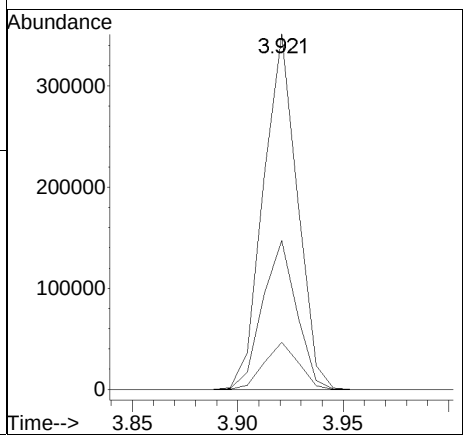


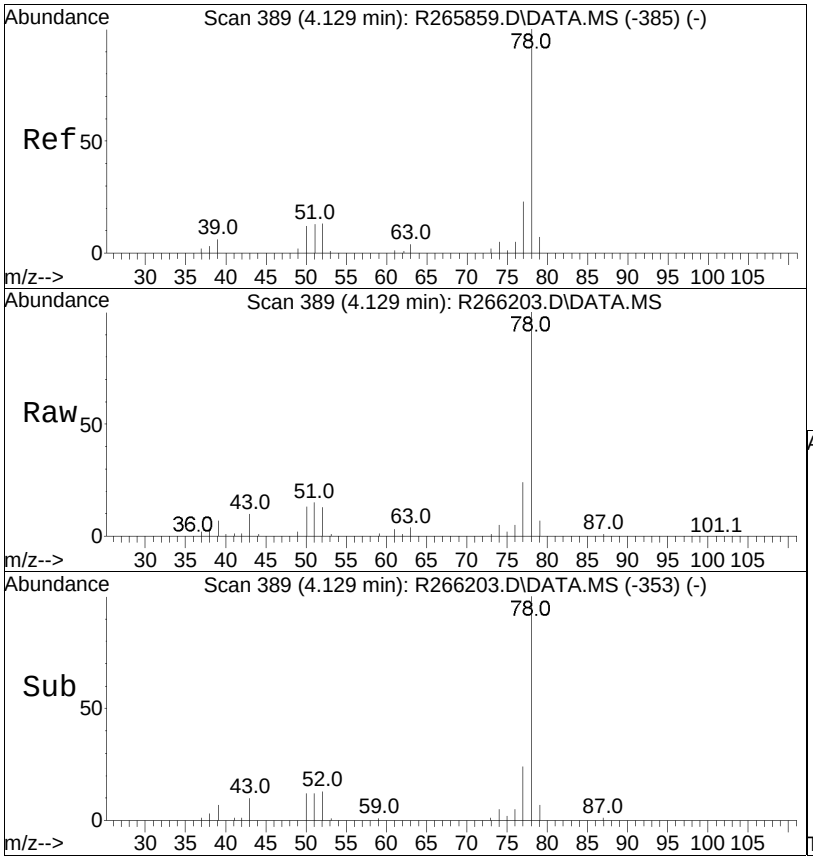


#48
1,1,1-trichloroethane
Concen: 9.48 ppbV
RT: 3.921 min Scan# 368
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 97 Resp: 393381

Ion	Ratio	Lower	Upper
97	100		
61	41.9	31.7	47.5
119	13.3	10.8	16.2

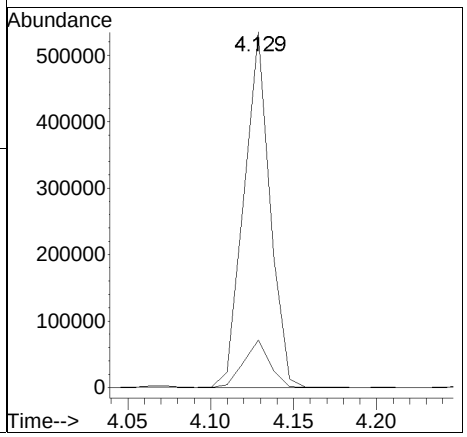


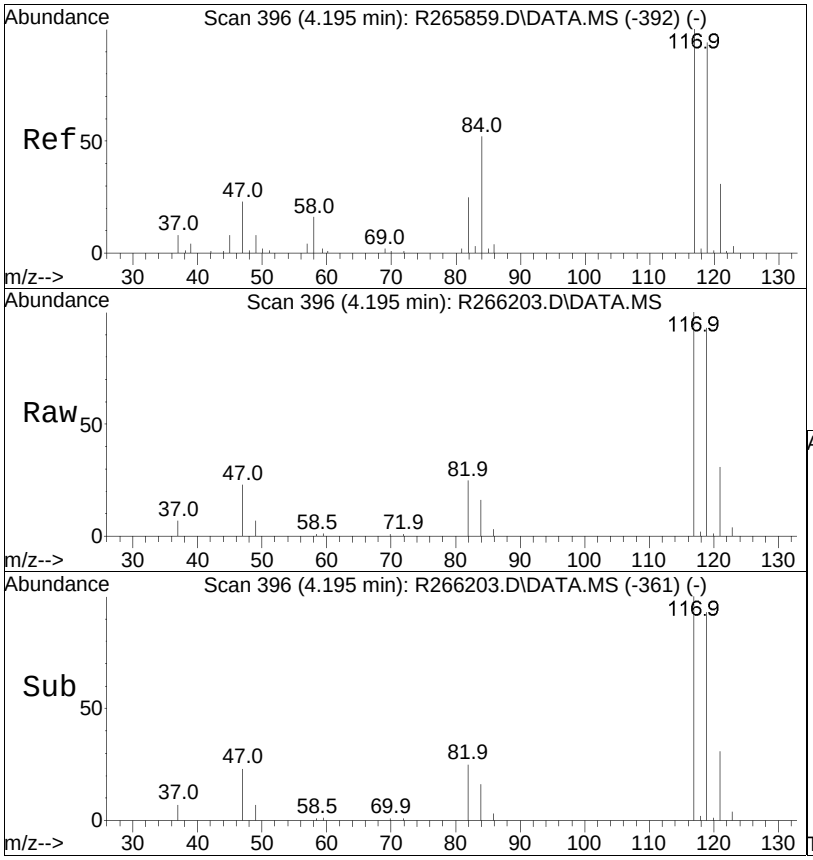


#50
benzene
Concen: 10.91 ppbV
RT: 4.129 min Scan# 389
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 78 Resp: 585347

Ion	Ratio	Lower	Upper
78	100		
52	13.3	10.1	15.1

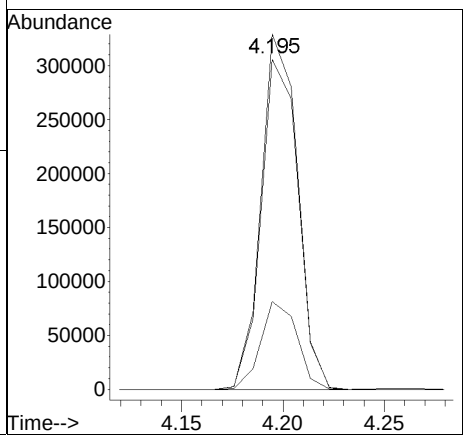


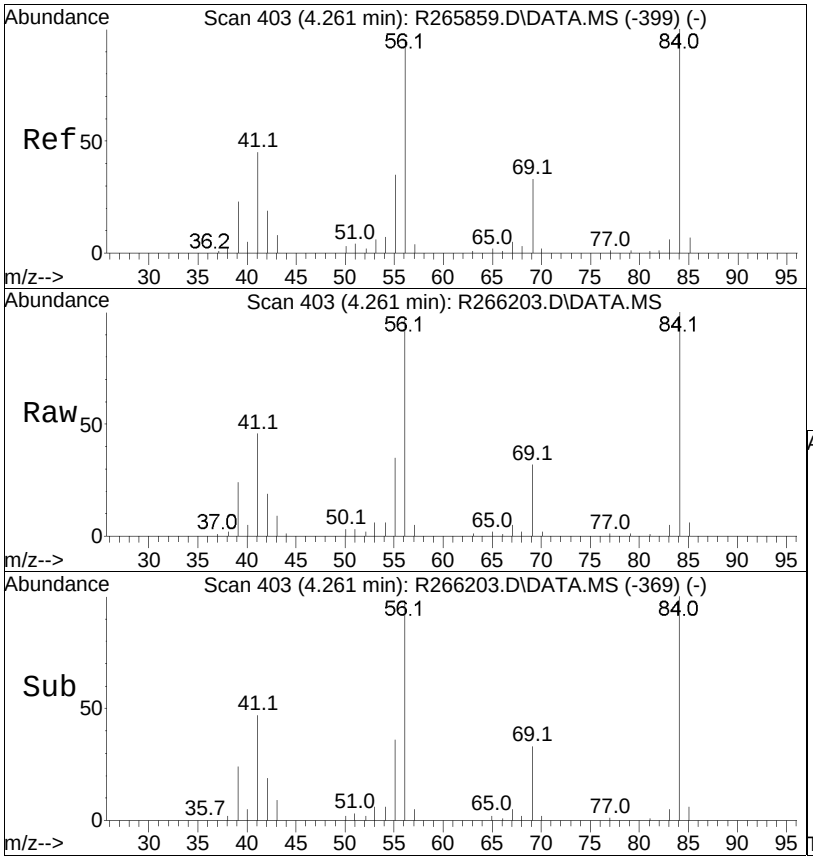


#52
carbon tetrachloride
Concen: 10.67 ppbV
RT: 4.195 min Scan# 396
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:117 Resp: 412246

Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.5	113.3
82	24.7	19.9	29.9

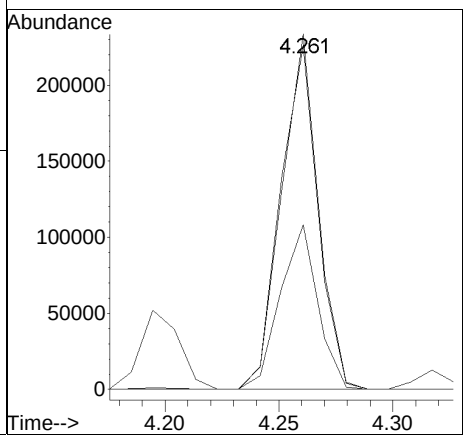


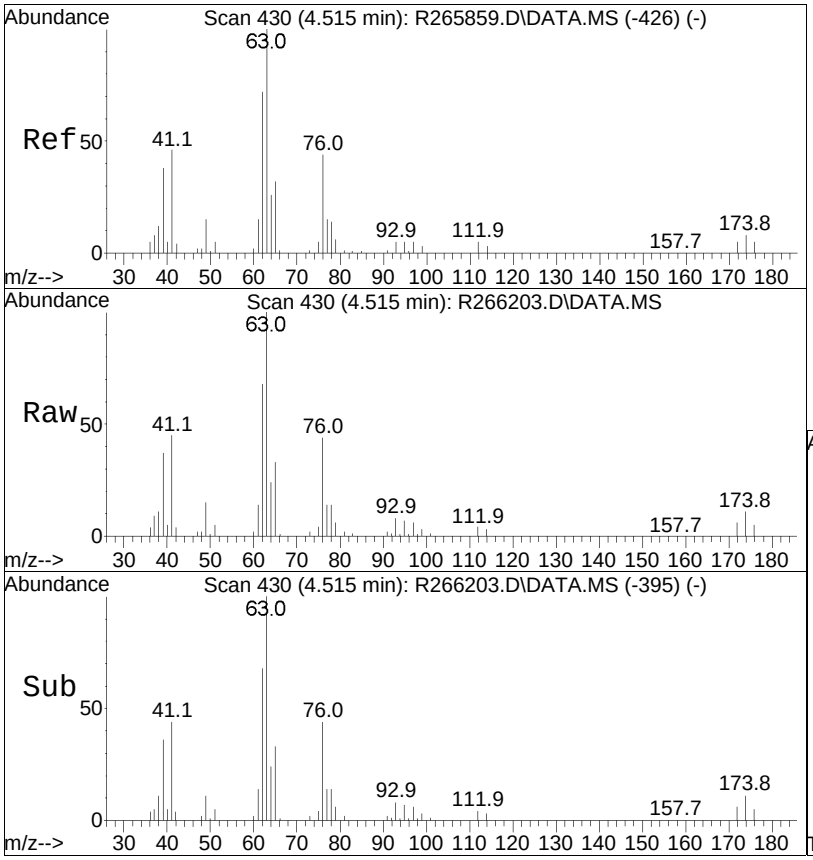


#53
cyclohexane
Concen: 11.78 ppbV
RT: 4.261 min Scan# 403
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 56 Resp: 257983

Ion	Ratio	Lower	Upper
56	100		
84	103.2	84.6	126.8
41	47.8	37.9	56.9

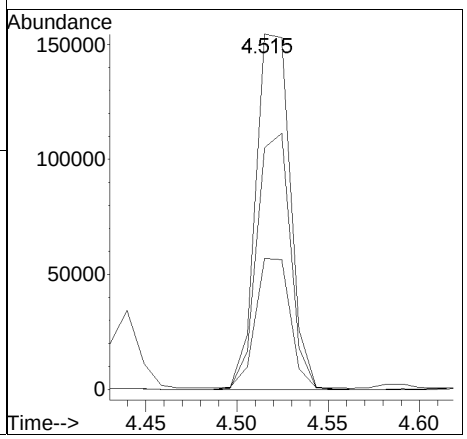


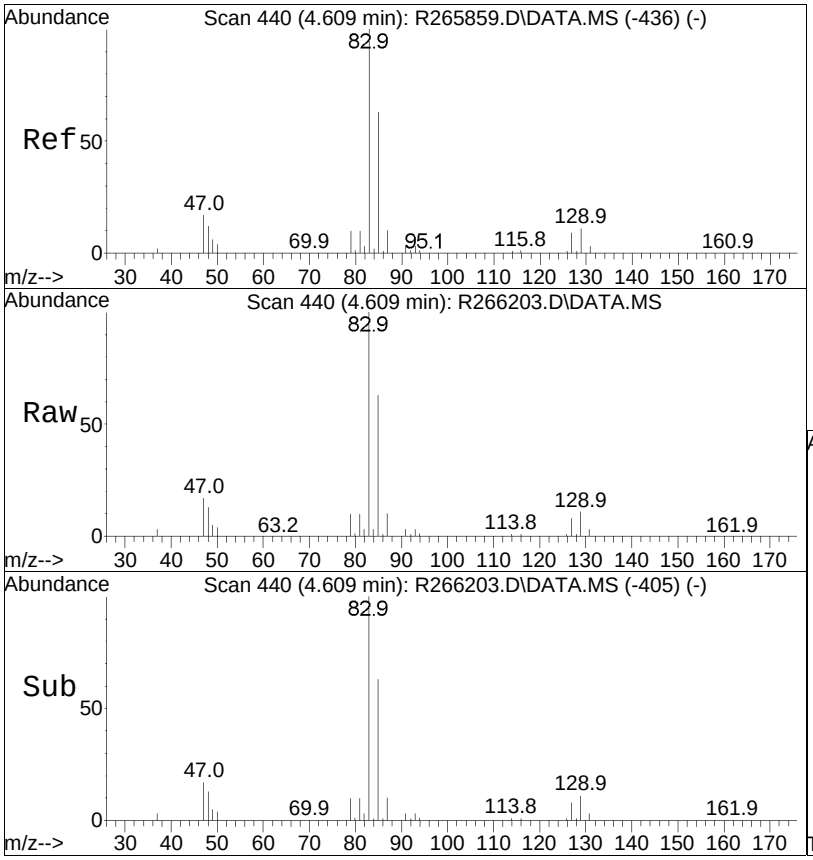


#56
1,2-dichloropropane
Concen: 10.88 ppbV
RT: 4.515 min Scan# 430
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 63 Resp: 203200

Ion	Ratio	Lower	Upper
63	100		
62	68.0	57.9	86.9
39	36.8	30.8	46.2

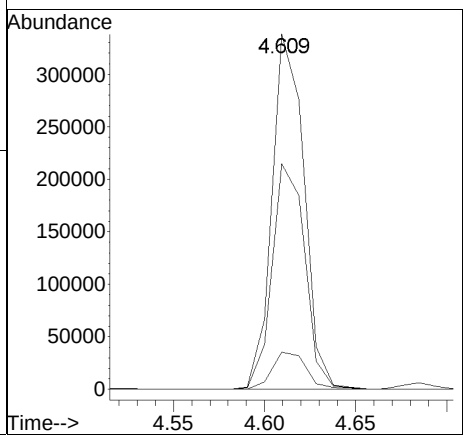


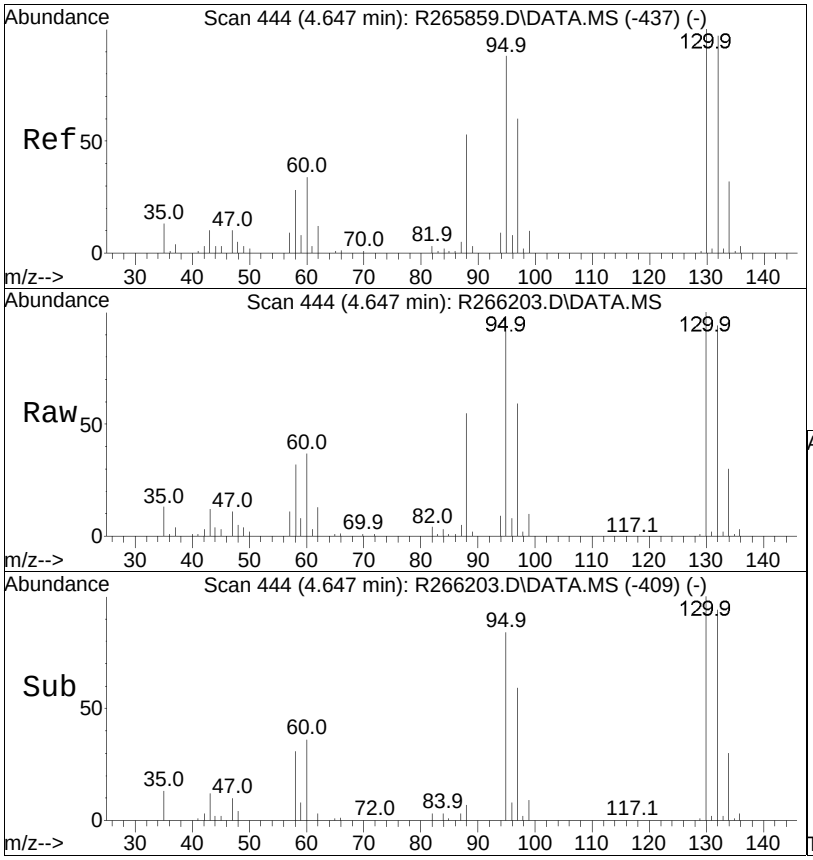


#57
bromodichloromethane
Concen: 11.10 ppbV
RT: 4.609 min Scan# 440
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 83 Resp: 413052

Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.6	75.8
129	10.5	8.7	13.1

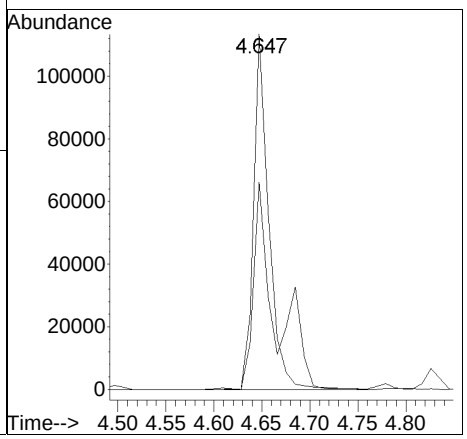


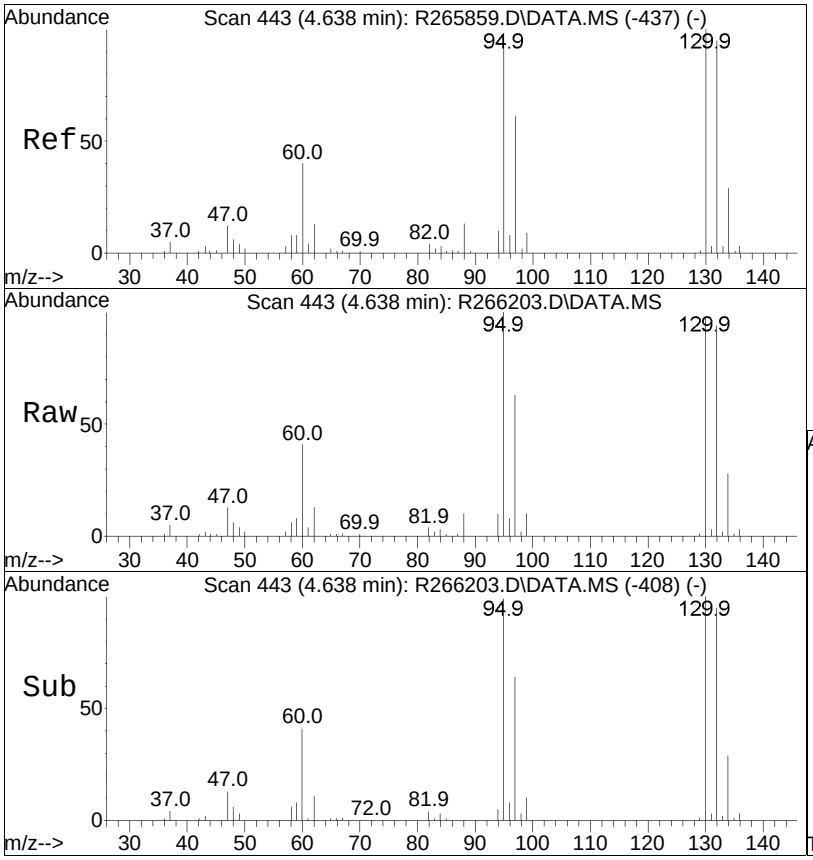


#58
1,4-dioxane
Concen: 10.75 ppbV
RT: 4.647 min Scan# 444
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 88 Resp: 125176

Ion	Ratio	Lower	Upper
88	100		
58	58.3	42.6	64.0

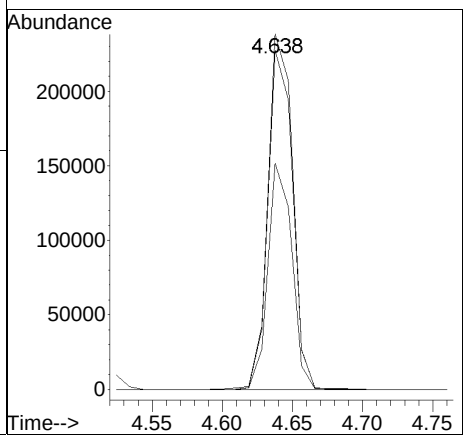


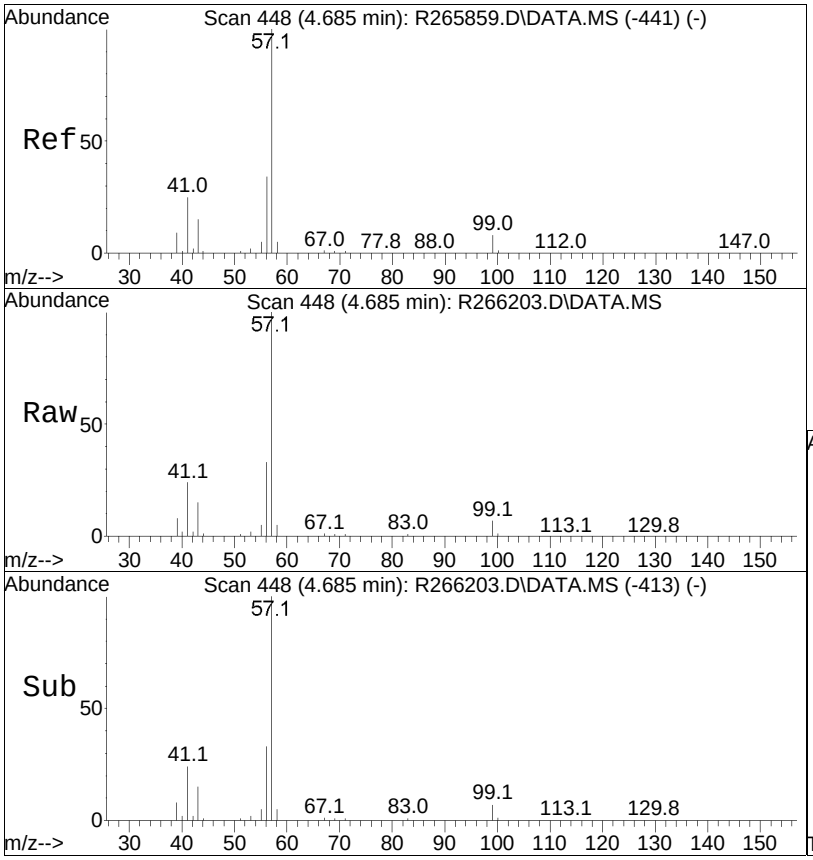


#59
trichloroethene
Concen: 10.62 ppbV
RT: 4.638 min Scan# 443
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:130 Resp: 293832

Ion	Ratio	Lower	Upper
130	100		
132	95.5	76.4	114.6
97	63.7	48.9	73.3

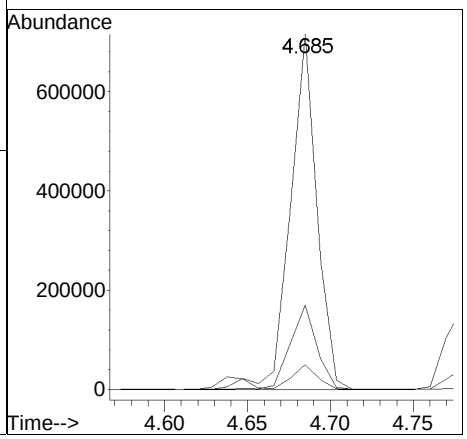


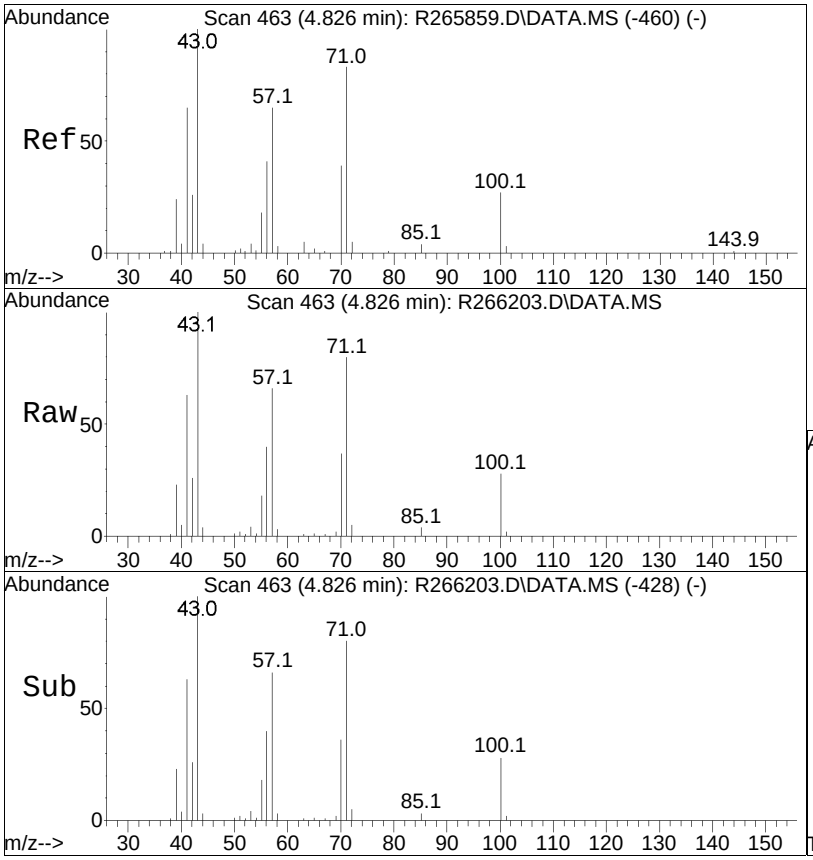


#60
2,2,4-trimethylpentane
Concen: 11.42 ppbV
RT: 4.685 min Scan# 448
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 57 Resp: 800370

Ion	Ratio	Lower	Upper
57	100		
99	7.0	6.2	9.2
41	23.8	19.8	29.8

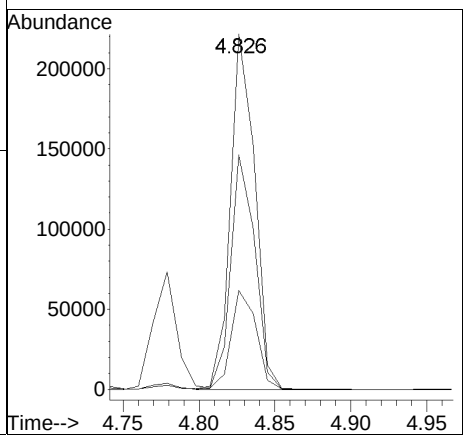


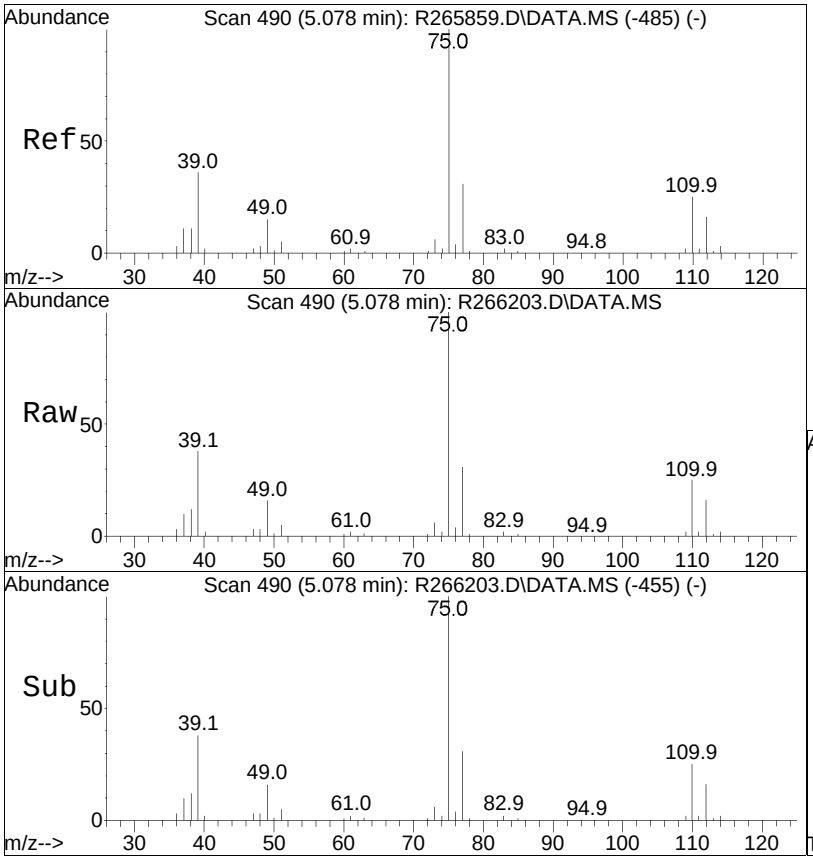


#62
heptane
Concen: 11.93 ppbV
RT: 4.826 min Scan# 463
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 43 Resp: 247497

Ion	Ratio	Lower	Upper
43	100		
57	66.0	52.1	78.1
100	27.9	22.3	33.5

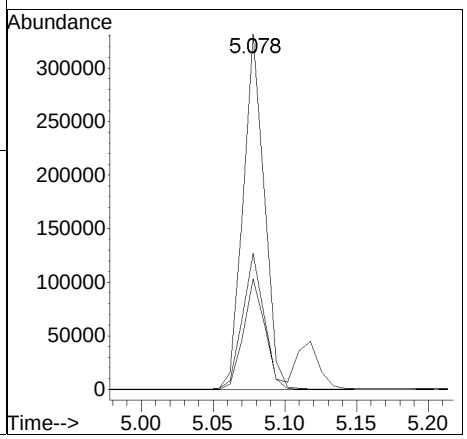


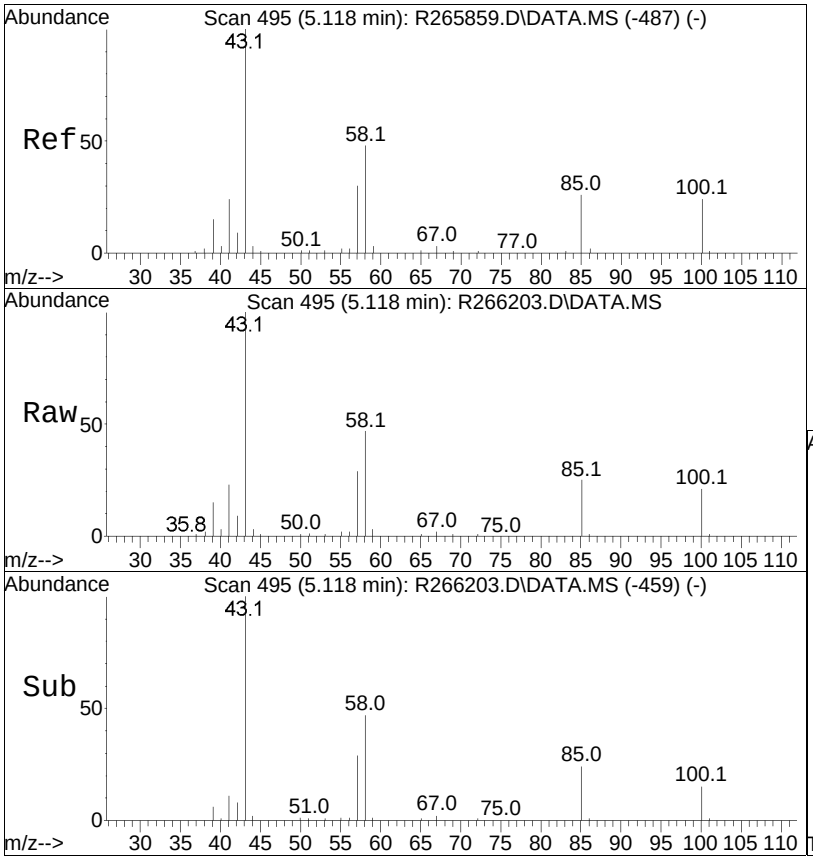


#63
cis-1,3-dichloropropene
Concen: 11.93 ppbV
RT: 5.078 min Scan# 490
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 75 Resp: 342177

Ion	Ratio	Lower	Upper
75	100		
39	38.3	29.0	43.6
77	31.1	25.0	37.4

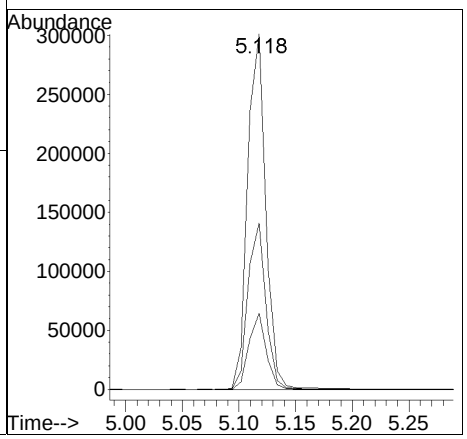


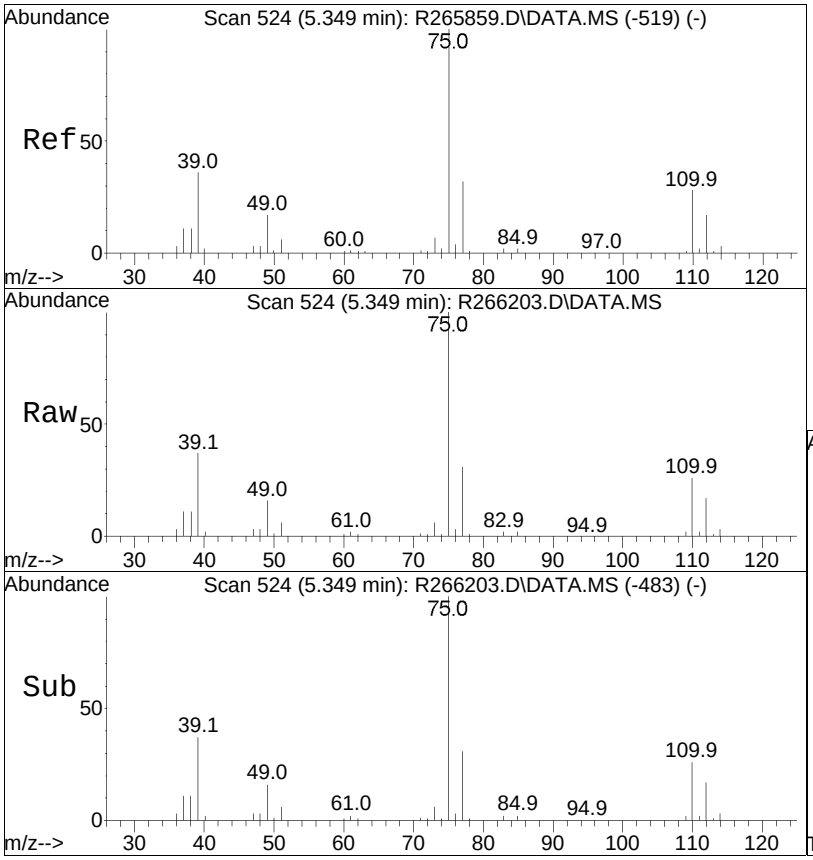


#64
4-methyl-2-pentanone
Concen: 11.82 ppbV
RT: 5.118 min Scan# 495
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 43 Resp: 336397

Ion	Ratio	Lower	Upper
43	100		
58	46.9	38.6	57.8
100	21.4	19.1	28.7

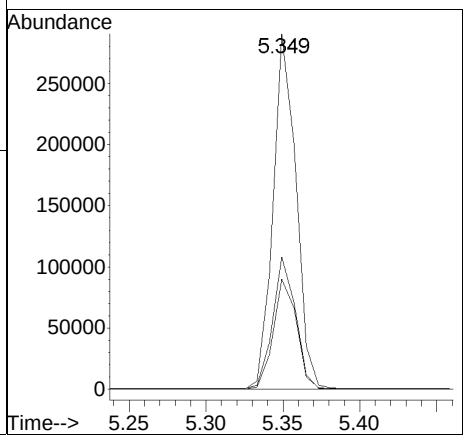


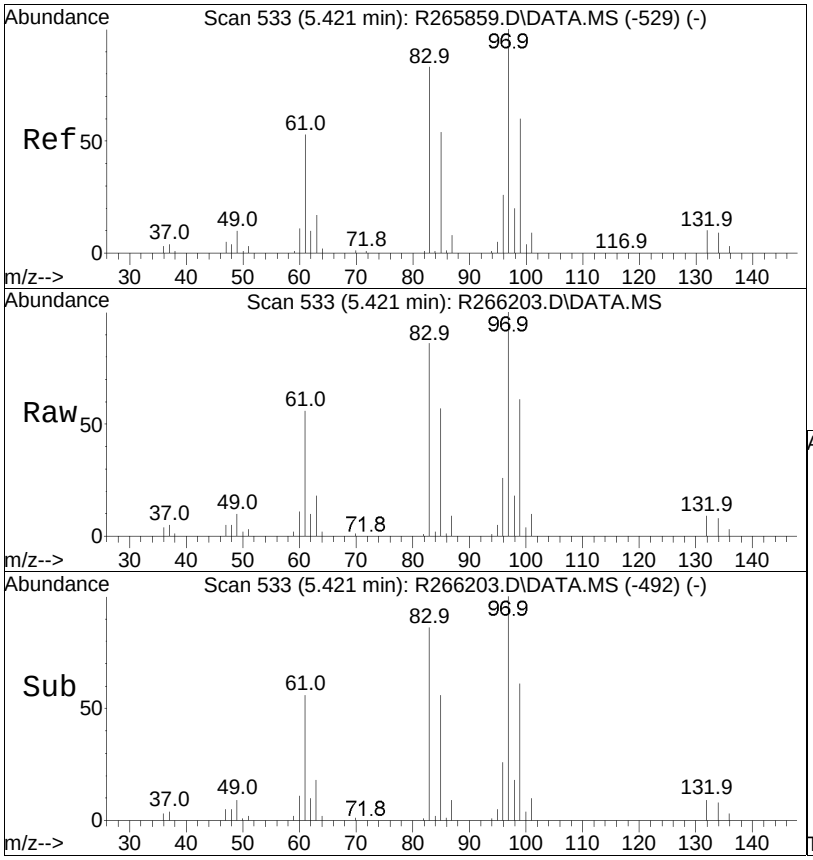


#65
trans-1,3-dichloropropene
Concen: 13.27 ppbV
RT: 5.349 min Scan# 524
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 75 Resp: 303190

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.6	38.4
39	37.3	29.0	43.4

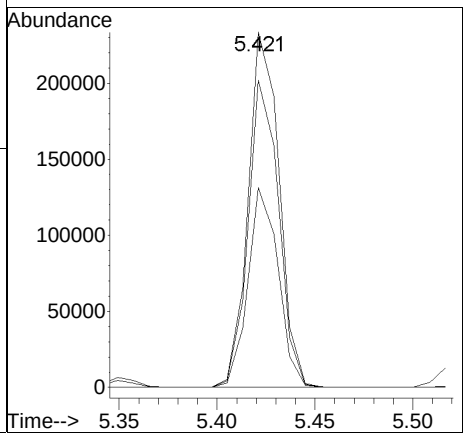


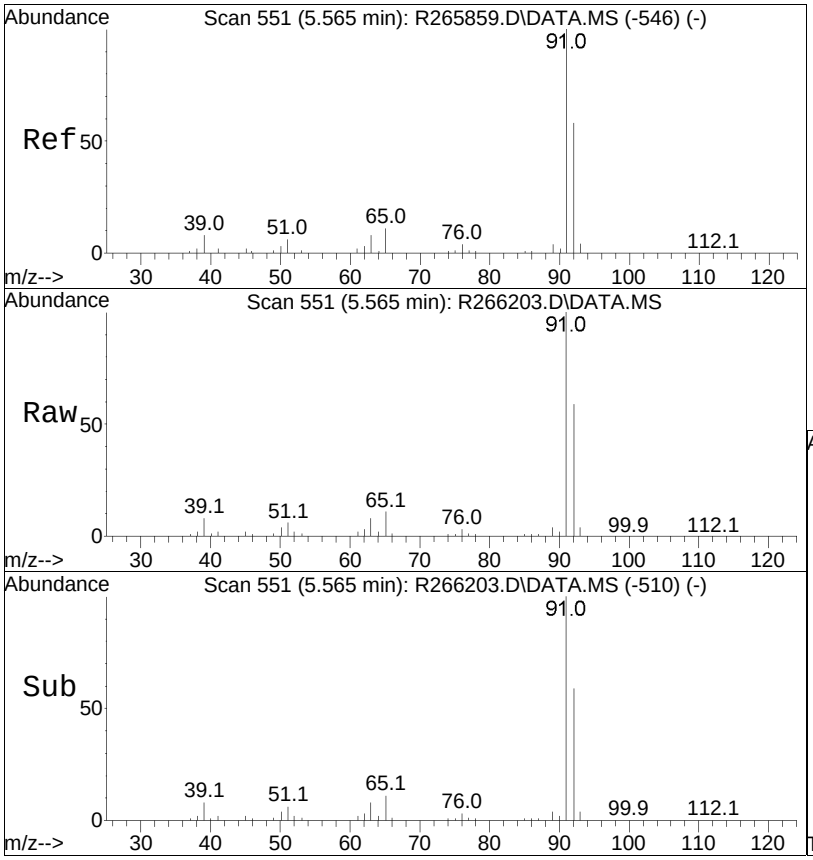


#66
1,1,2-trichloroethane
Concen: 10.70 ppbV
RT: 5.421 min Scan# 533
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 97 Resp: 257754

Ion	Ratio	Lower	Upper
97	100		
83	86.5	66.2	99.2
61	56.2	42.5	63.7

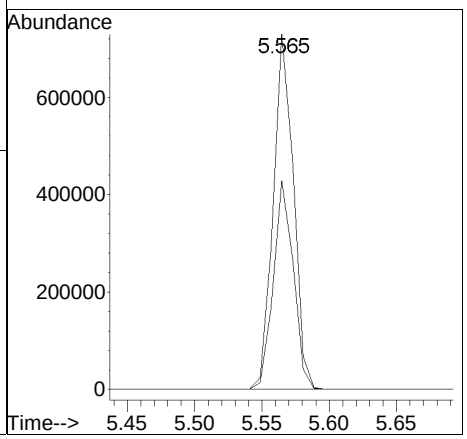


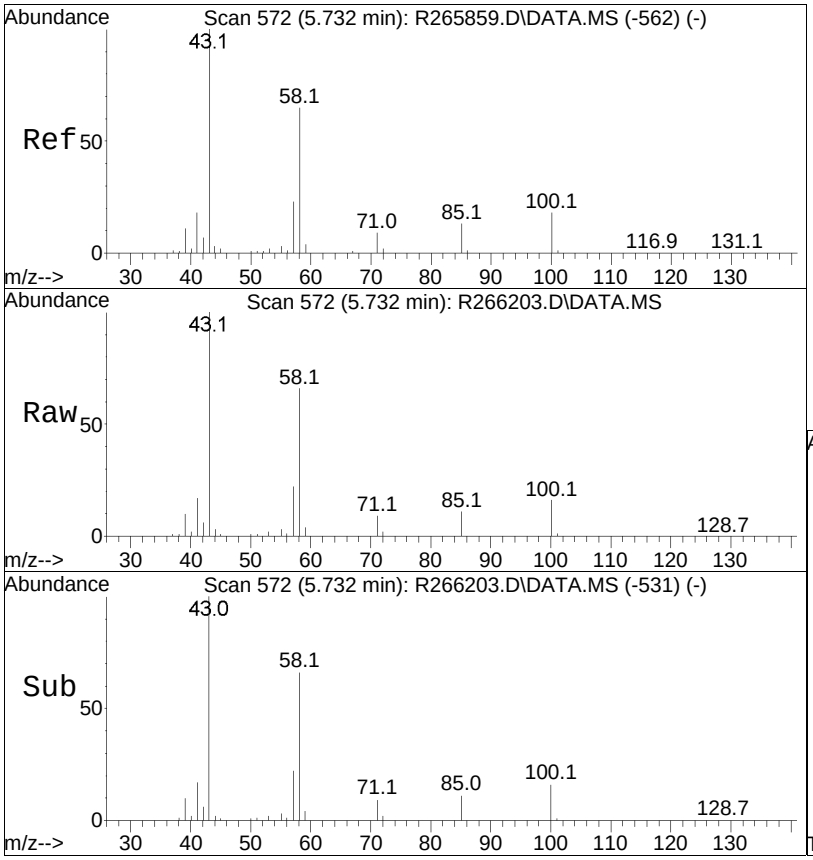


#68
toluene
Concen: 10.76 ppbV
RT: 5.565 min Scan# 551
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 91 Resp: 760323

Ion	Ratio	Lower	Upper
91	100		
92	58.7	46.4	69.6

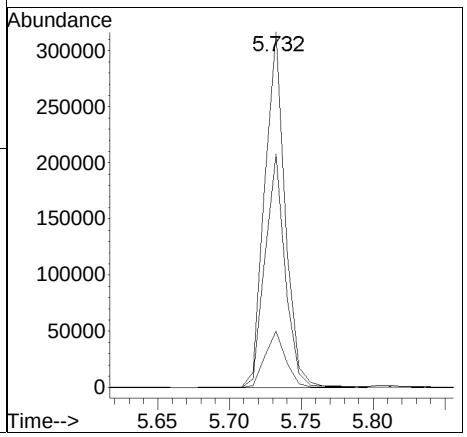


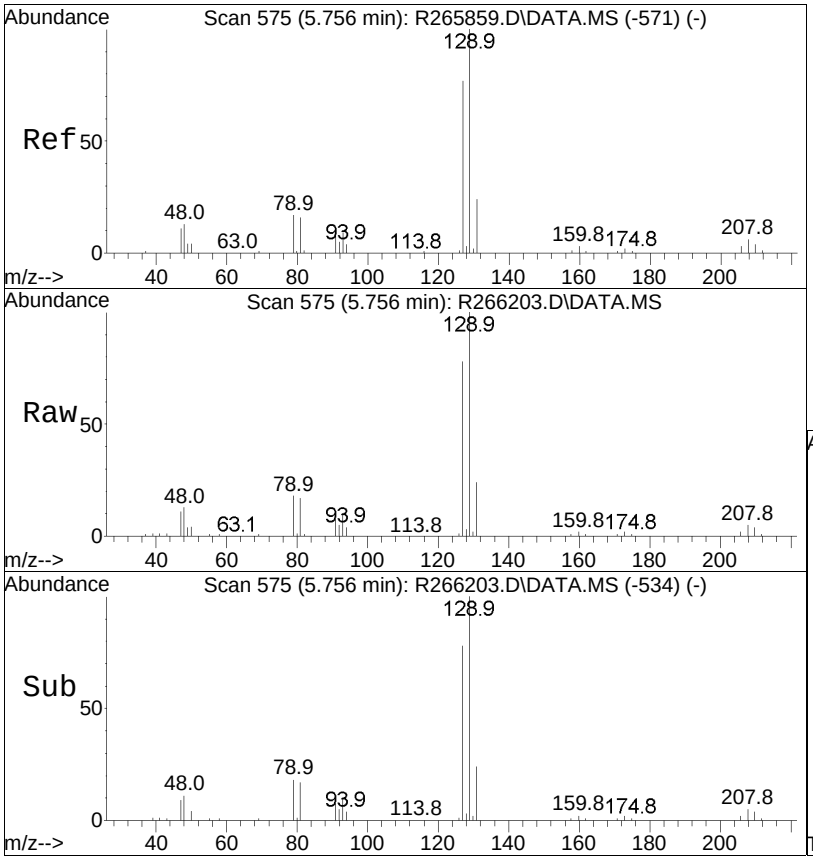


#72
2-hexanone
Concen: 10.98 ppbV
RT: 5.732 min Scan# 572
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 43 Resp: 314453

Ion	Ratio	Lower	Upper
43	100		
58	65.7	52.1	78.1
100	15.8	14.5	21.7

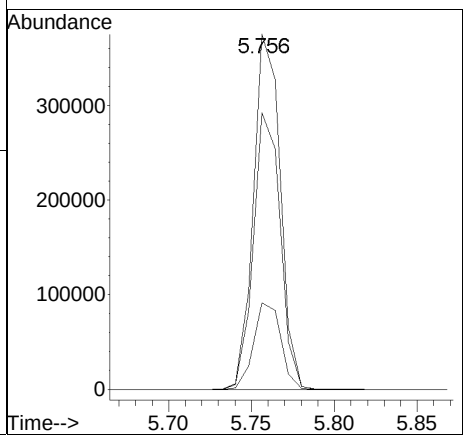


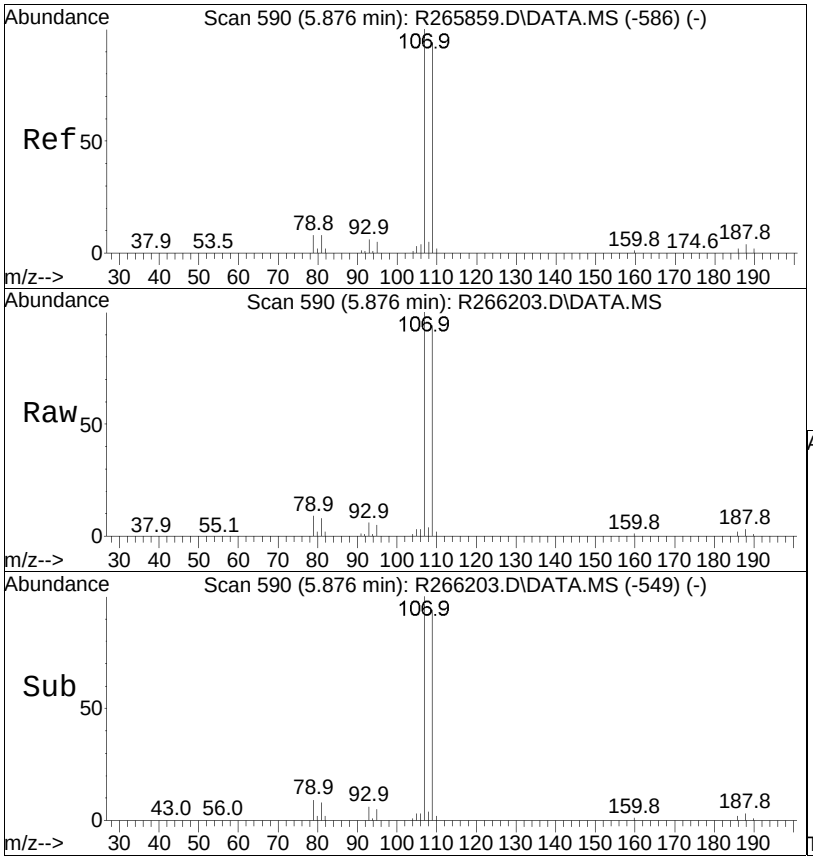


#74
dibromochloromethane
Concen: 10.63 ppbV
RT: 5.756 min Scan# 575
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:129 Resp: 422279

Ion	Ratio	Lower	Upper
129	100		
127	77.9	61.8	92.6
131	24.4	19.1	28.7

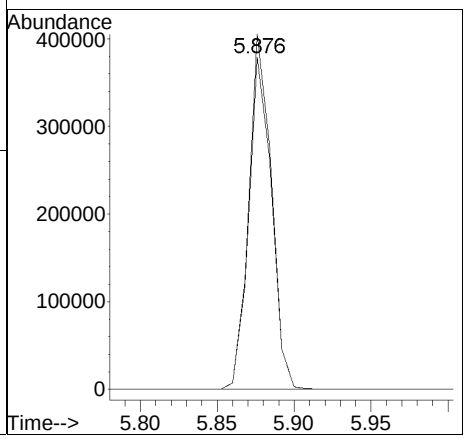


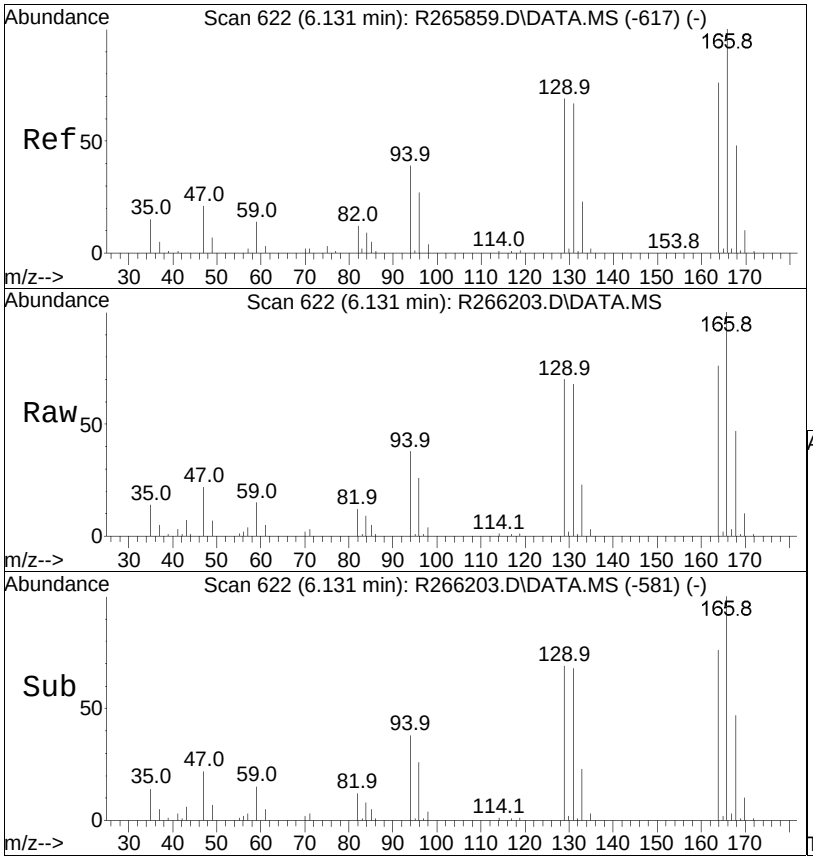


#75
1,2-dibromoethane
Concen: 10.78 ppbV
RT: 5.876 min Scan# 590
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:107 Resp: 414805

Ion	Ratio	Lower	Upper
107	100		
109	93.5	74.9	112.3

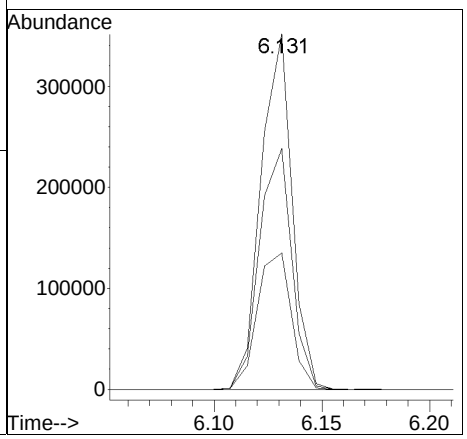


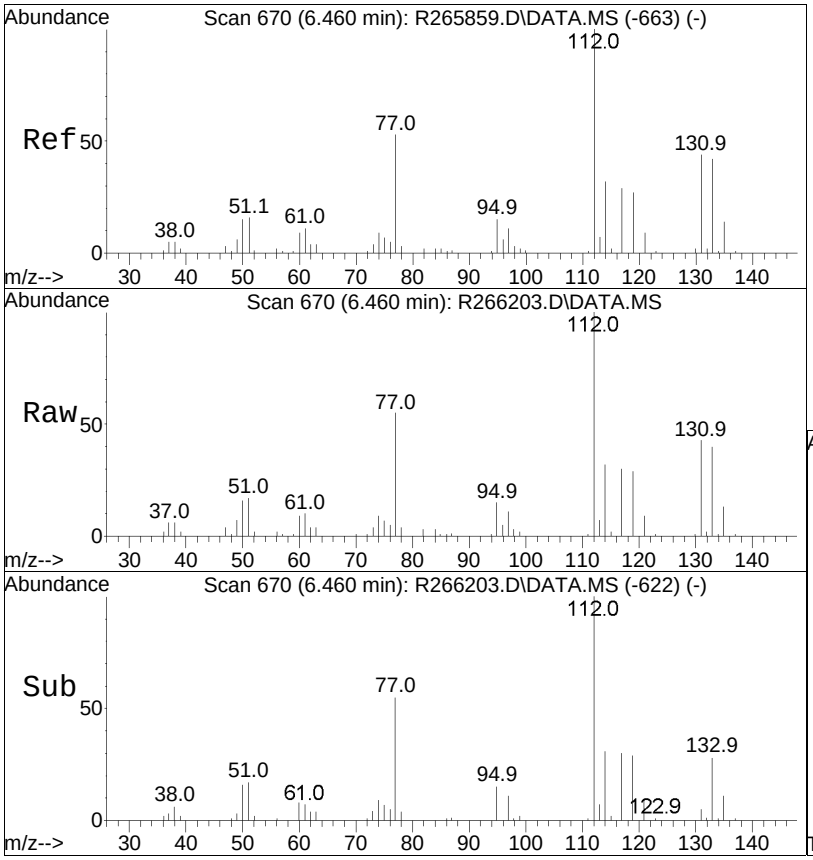


#78
tetrachloroethene
Concen: 9.70 ppbV
RT: 6.131 min Scan# 622
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:166 Resp: 354447

Ion	Ratio	Lower	Upper
166	100		
131	67.8	53.8	80.6
94	38.4	31.2	46.8

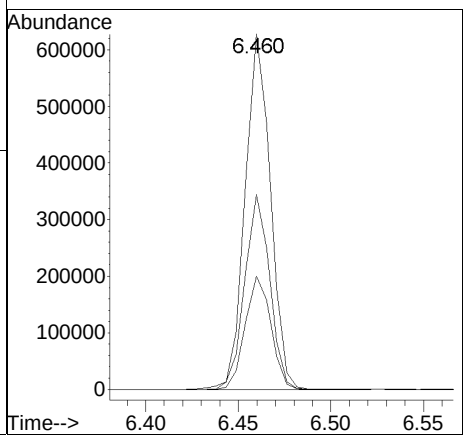


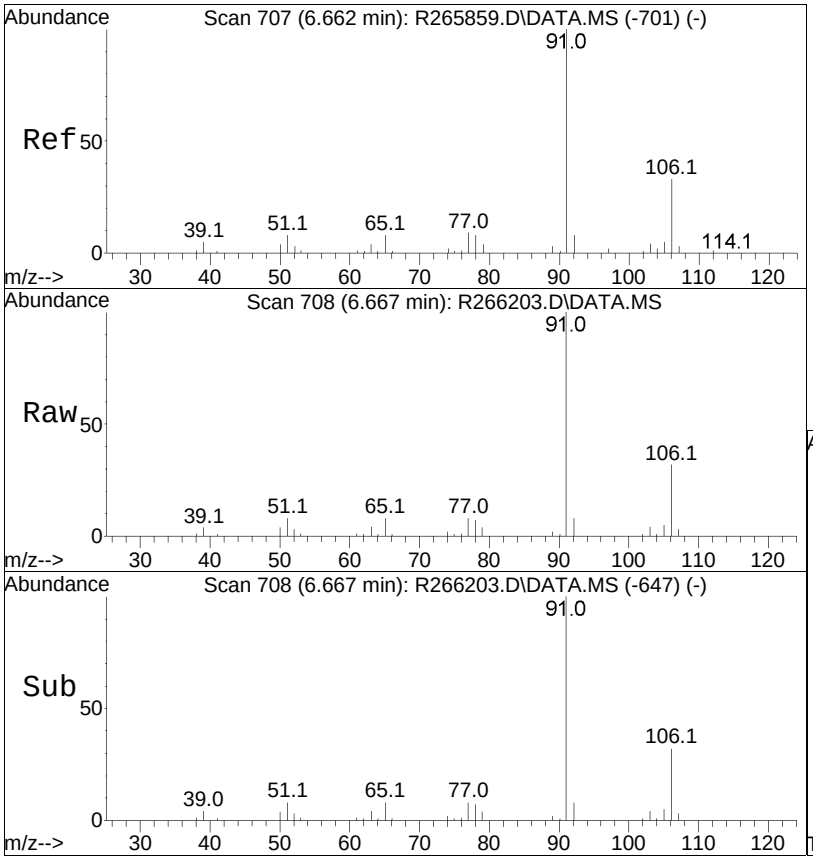


#80
chlorobenzene
Concen: 10.03 ppbV
RT: 6.460 min Scan# 670
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:112 Resp: 594975

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.9	38.9
77	54.8	42.5	63.7

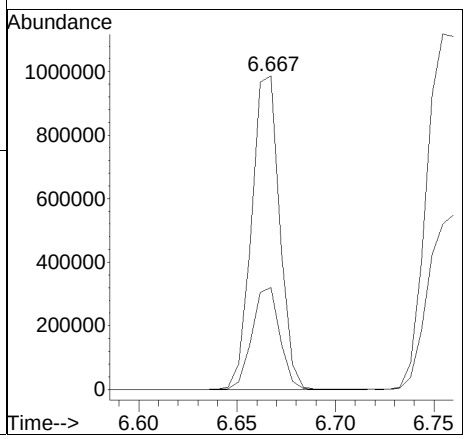


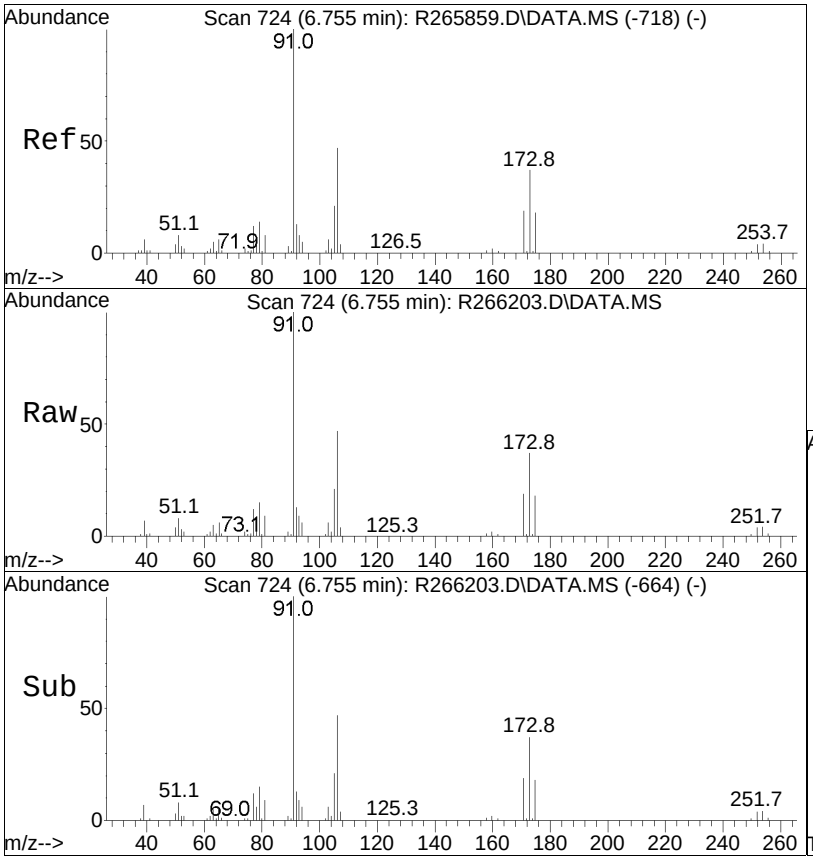


#81
ethylbenzene
Concen: 10.81 ppbV
RT: 6.667 min Scan# 708
Delta R.T. 0.005 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 91 Resp: 975662

Ion	Ratio	Lower	Upper
91	100		
106	32.5	26.6	39.8

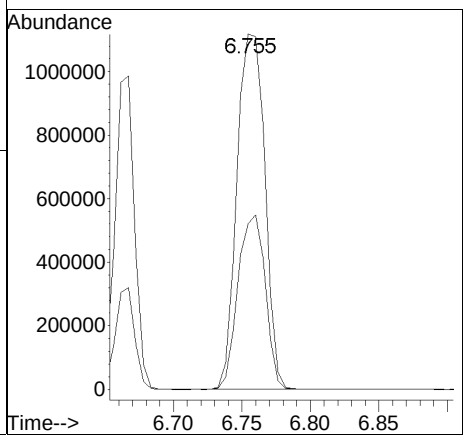


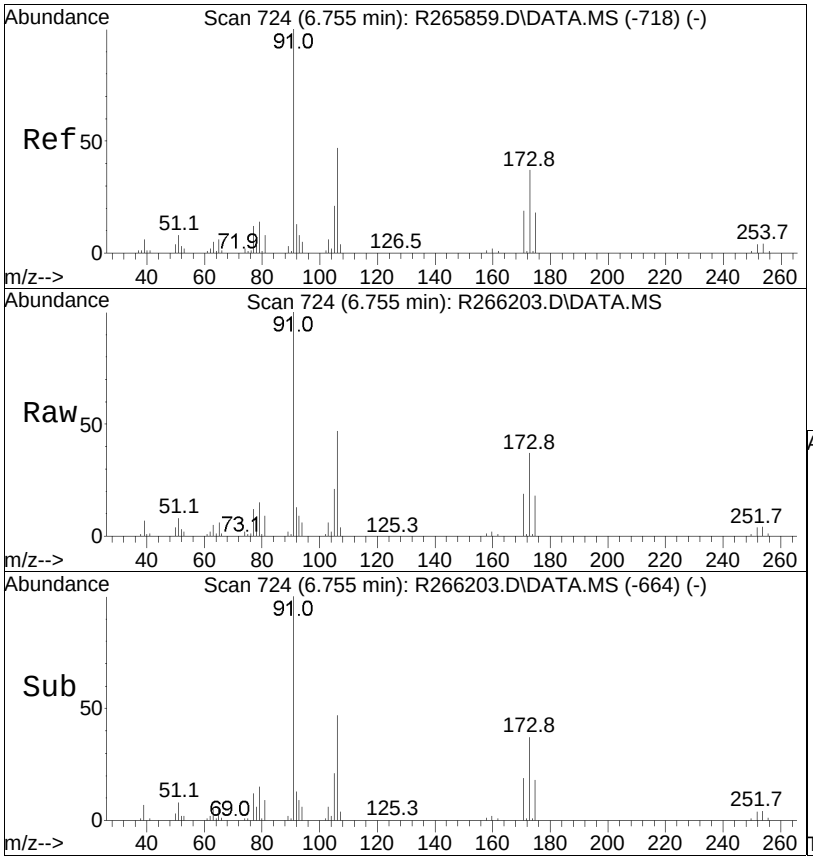


#83
m+p-xylene
Concen: 21.94 ppbV
RT: 6.755 min Scan# 724
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 91 Resp: 1585391

Ion	Ratio	Lower	Upper
91	100		
106	46.6	38.0	57.0

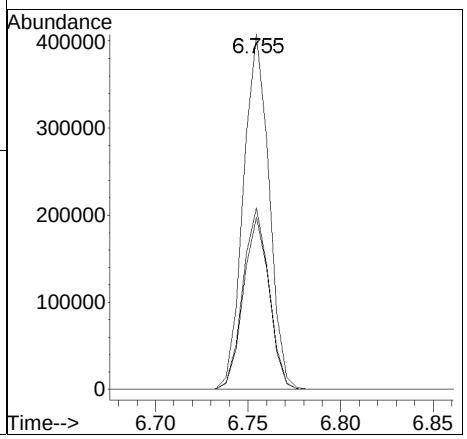


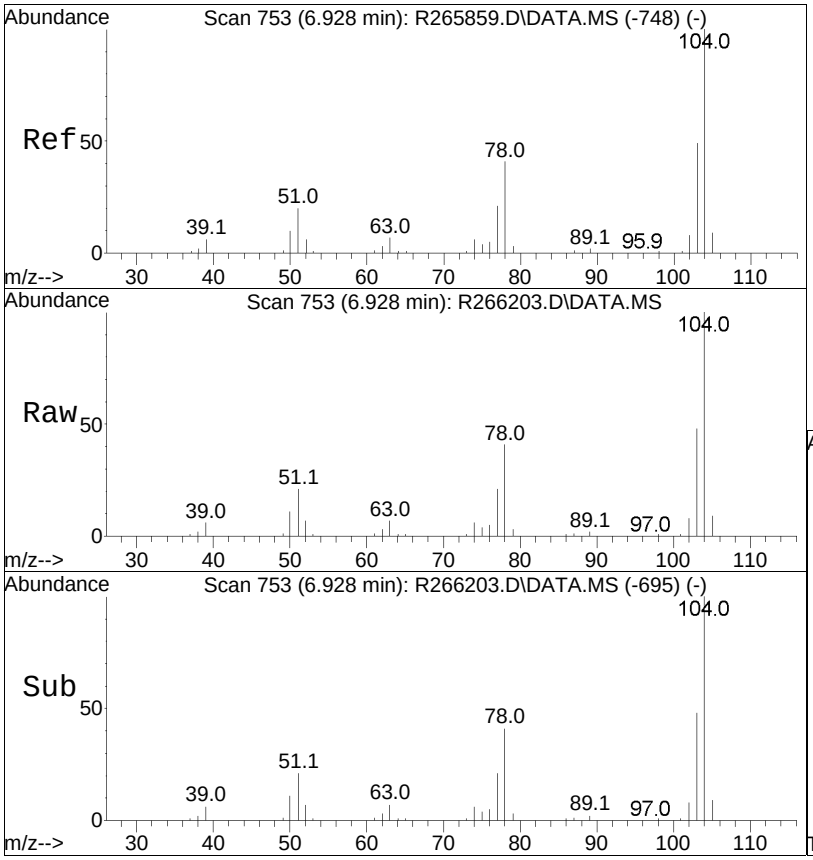


#84
bromoform
Concen: 10.53 ppbV
RT: 6.755 min Scan# 724
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:173 Resp: 393668

Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.2	57.2
171	51.1	40.5	60.7

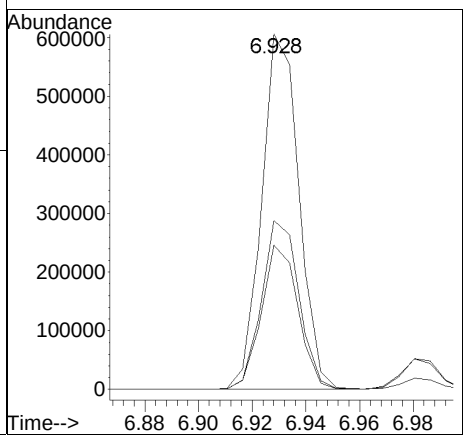


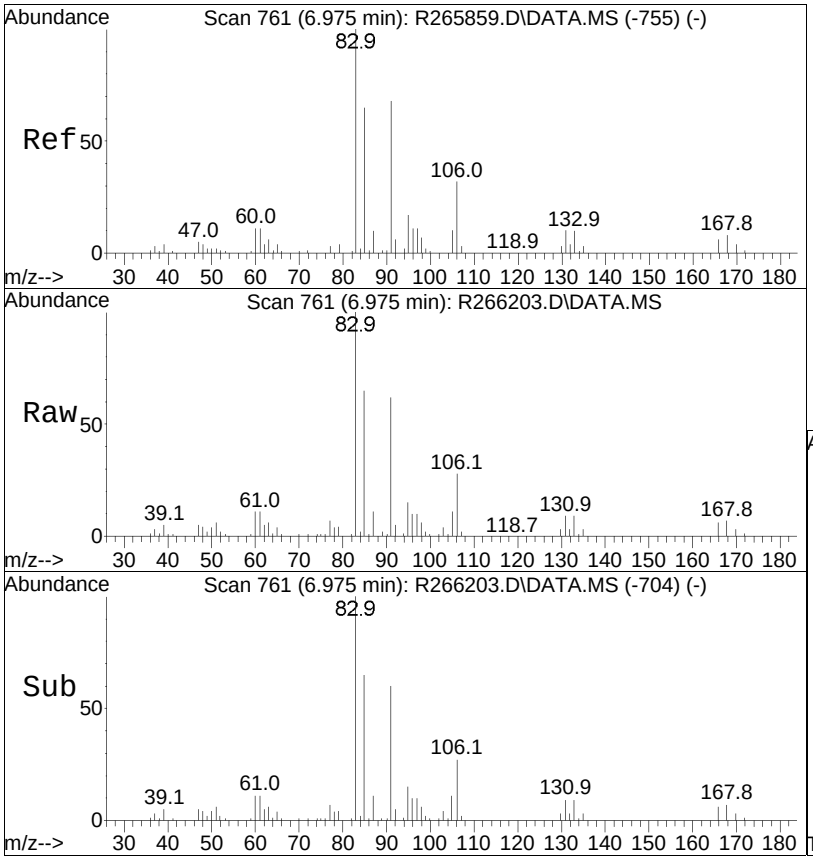


#85
styrene
Concen: 10.83 ppbV
RT: 6.928 min Scan# 753
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:104 Resp: 584762

Ion	Ratio	Lower	Upper
104	100		
103	47.5	39.2	58.8
78	40.6	32.7	49.1

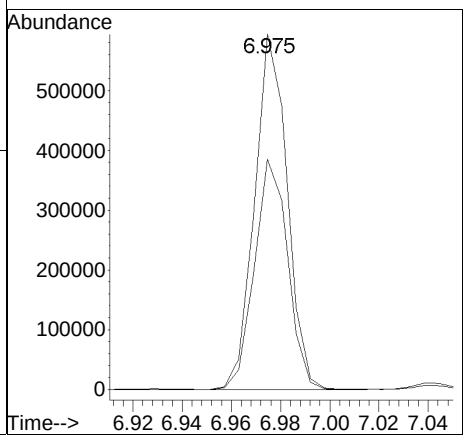


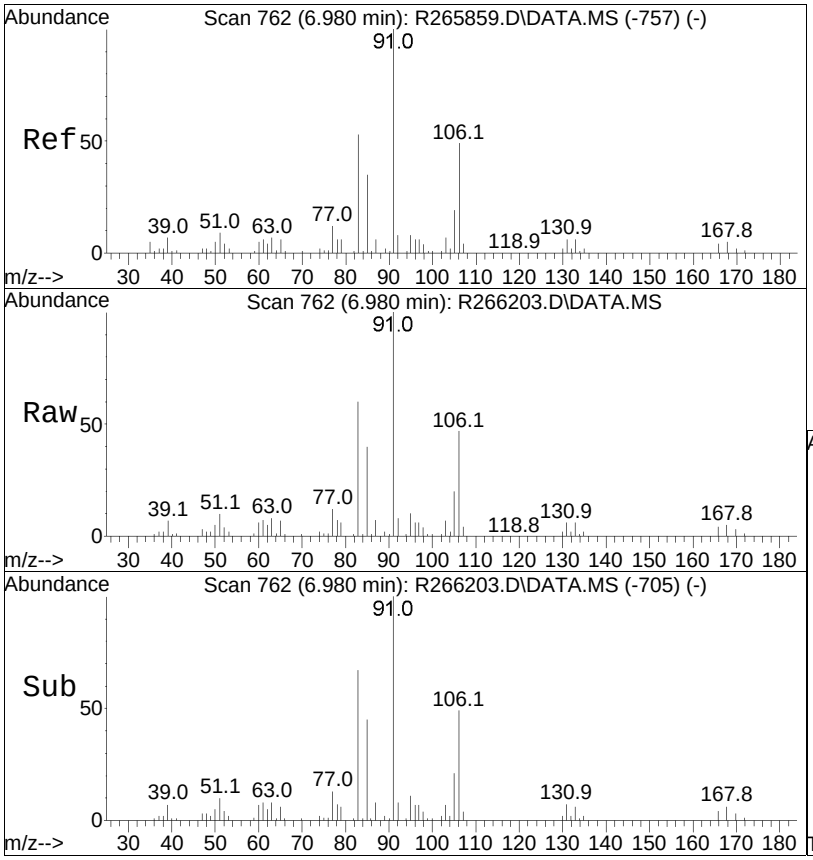


#86
1,1,2,2-tetrachloroethane
Concen: 10.16 ppbV
RT: 6.975 min Scan# 761
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 83 Resp: 546740

Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.3	78.5

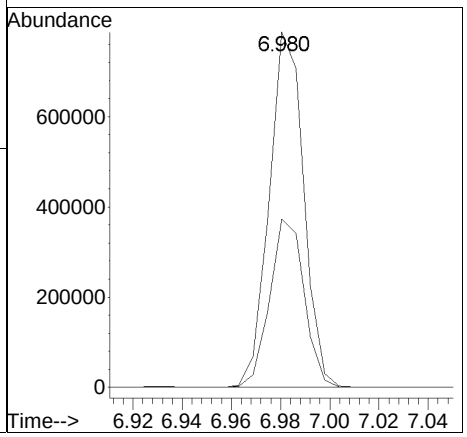


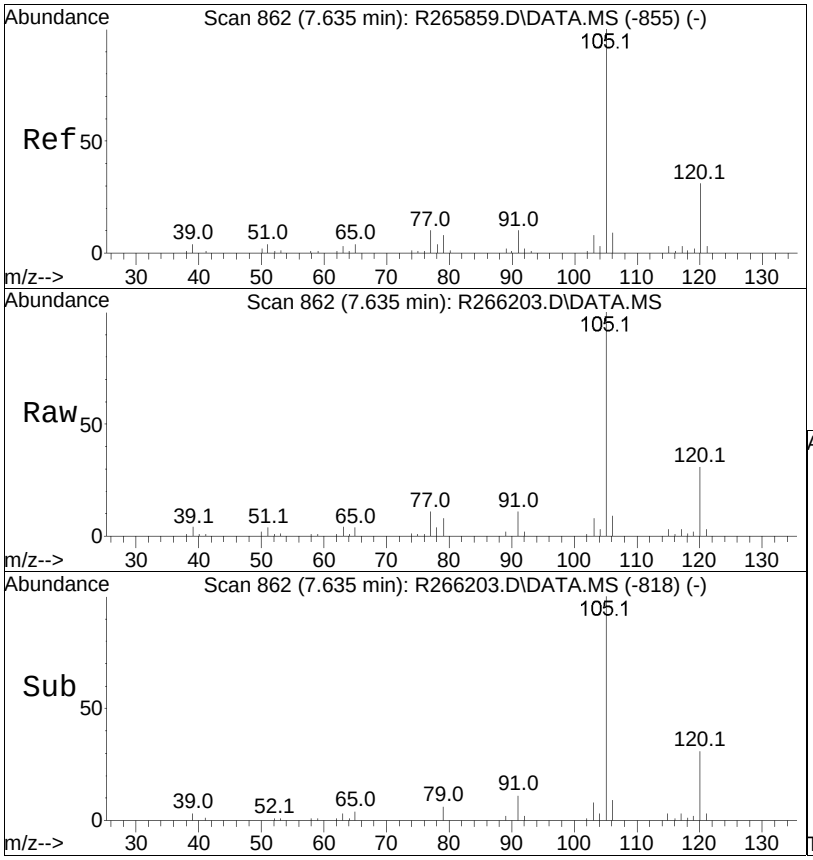


#87
o-xylene
Concen: 10.57 ppbV
RT: 6.980 min Scan# 762
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 91 Resp: 766064

Ion	Ratio	Lower	Upper
91	100		
106	47.3	38.9	58.3

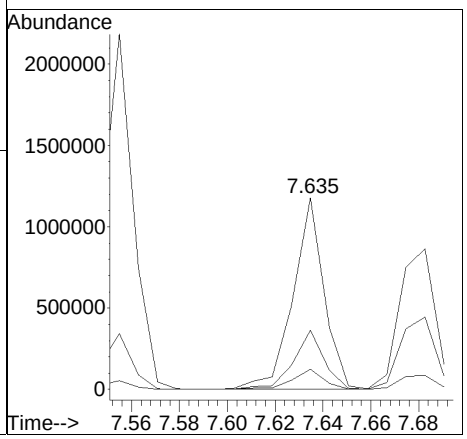


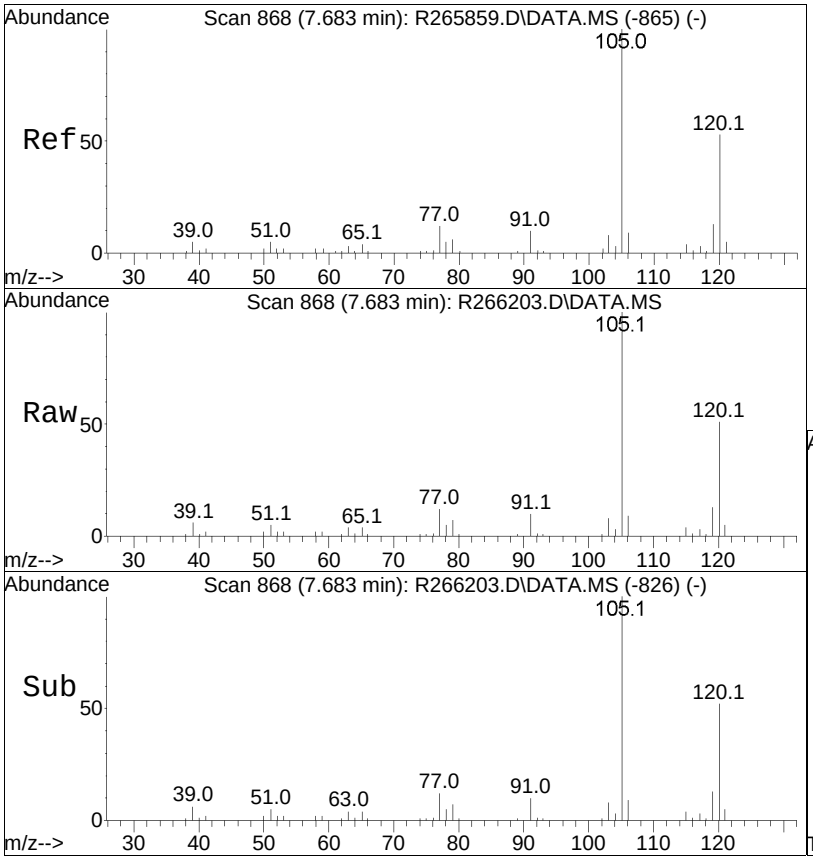


#96
4-ethyl toluene
Concen: 10.85 ppbV
RT: 7.635 min Scan# 862
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:105 Resp: 1065292

Ion	Ratio	Lower	Upper
105	100		
120	30.9	24.9	37.3
91	10.6	8.5	12.7

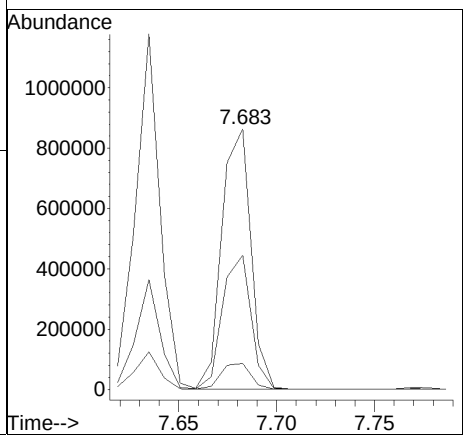


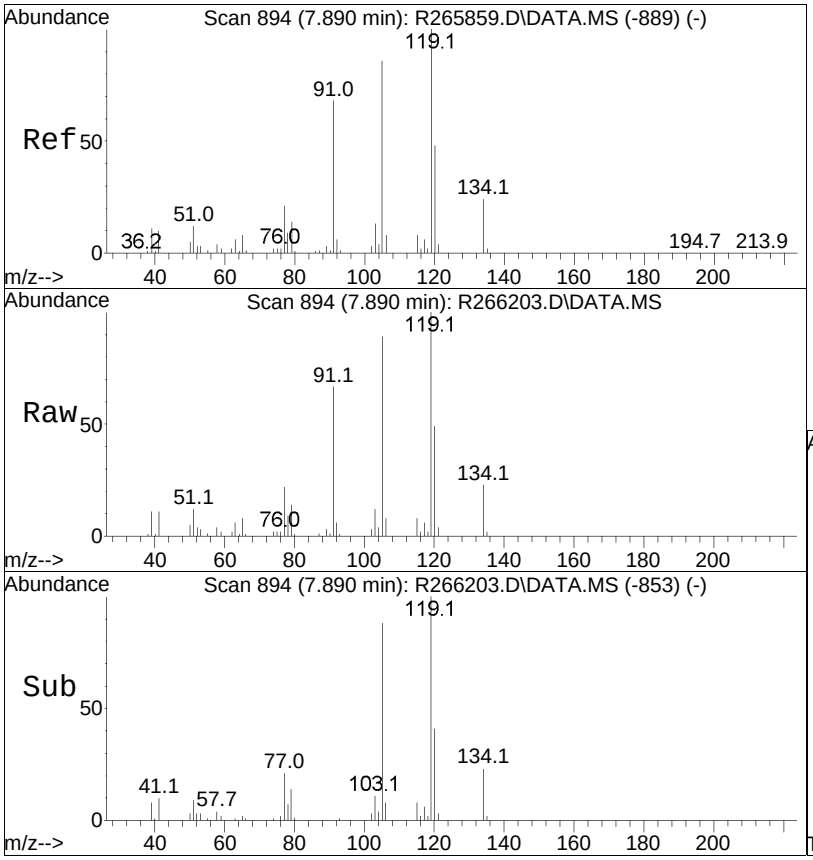


#97
1,3,5-trimethylbenzene
Concen: 10.96 ppbV
RT: 7.683 min Scan# 868
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:105 Resp: 894759

Ion	Ratio	Lower	Upper
105	100		
120	51.5	42.6	63.8
91	10.0	7.9	11.9

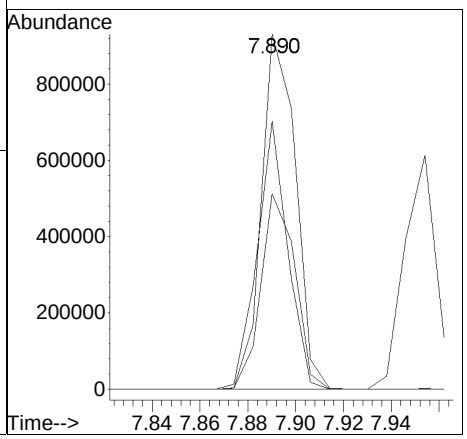


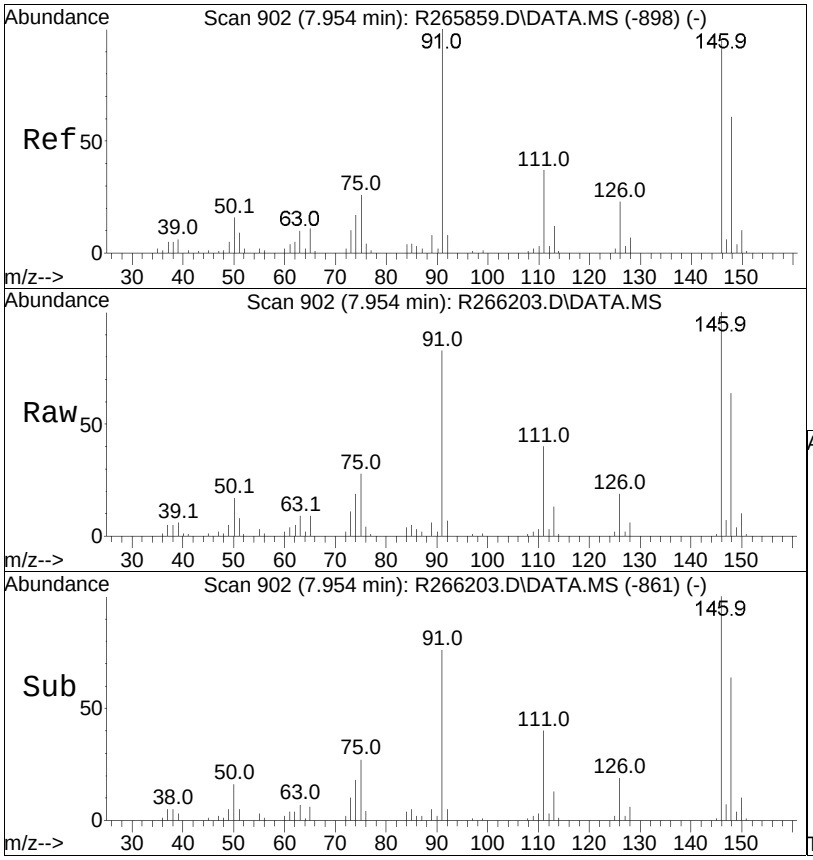


#99
1,2,4-trimethylbenzene
Concen: 10.69 ppbV
RT: 7.890 min Scan# 894
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:105 Resp: 922433

Ion	Ratio	Lower	Upper
105	100		
120	55.1	44.2	66.4
91	75.5	62.9	94.3

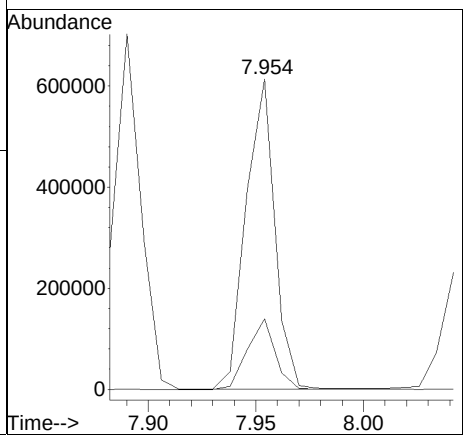


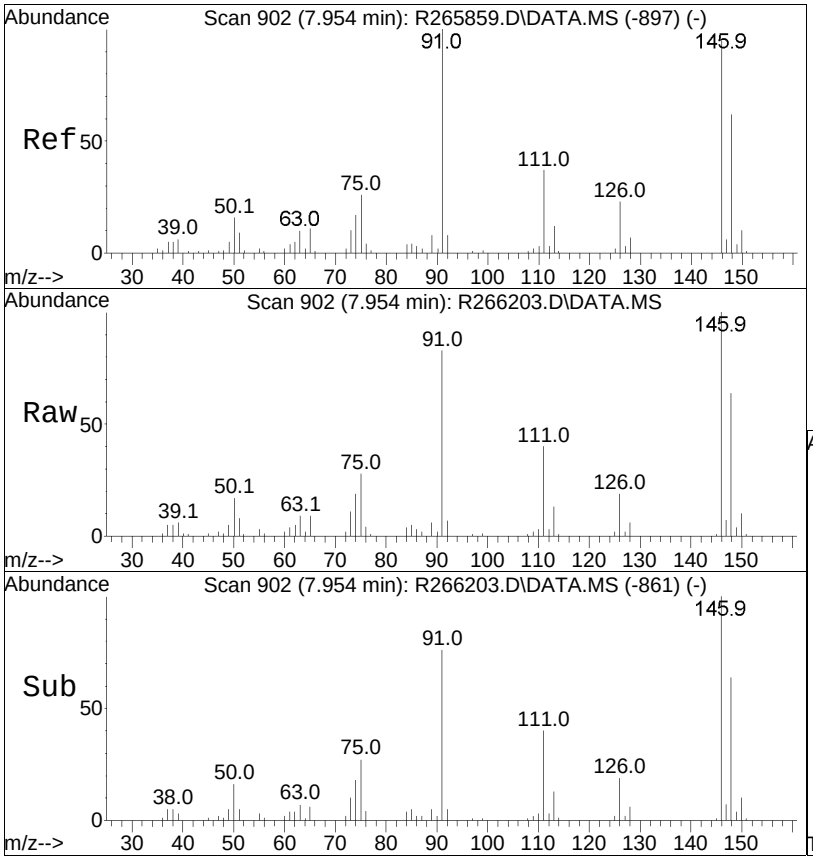


#101
Benzyl Chloride
Concen: 7.75 ppbV
RT: 7.954 min Scan# 902
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion: 91 Resp: 572721

Ion	Ratio	Lower	Upper
91	100		
126	22.8	18.2	27.2

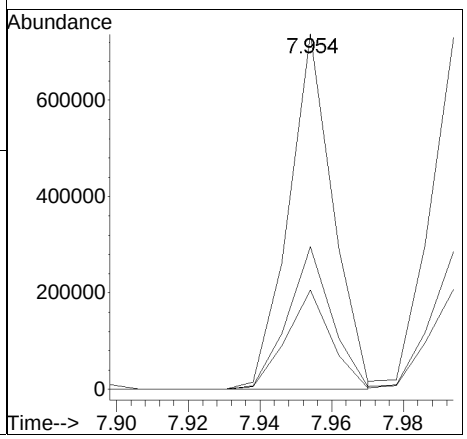


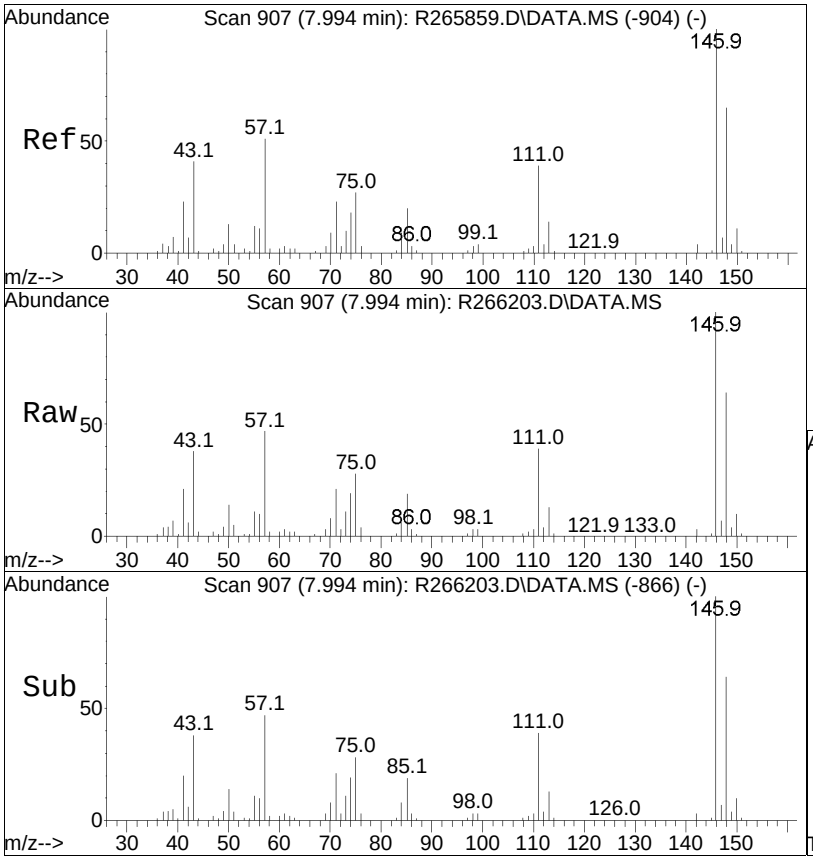


#102
1,3-dichlorobenzene
Concen: 9.69 ppbV
RT: 7.954 min Scan# 902
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:146 Resp: 632583

Ion	Ratio	Lower	Upper
146	100		
111	40.1	30.8	46.2
75	28.0	22.2	33.4

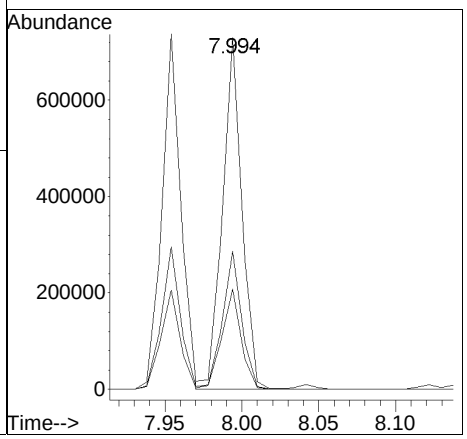


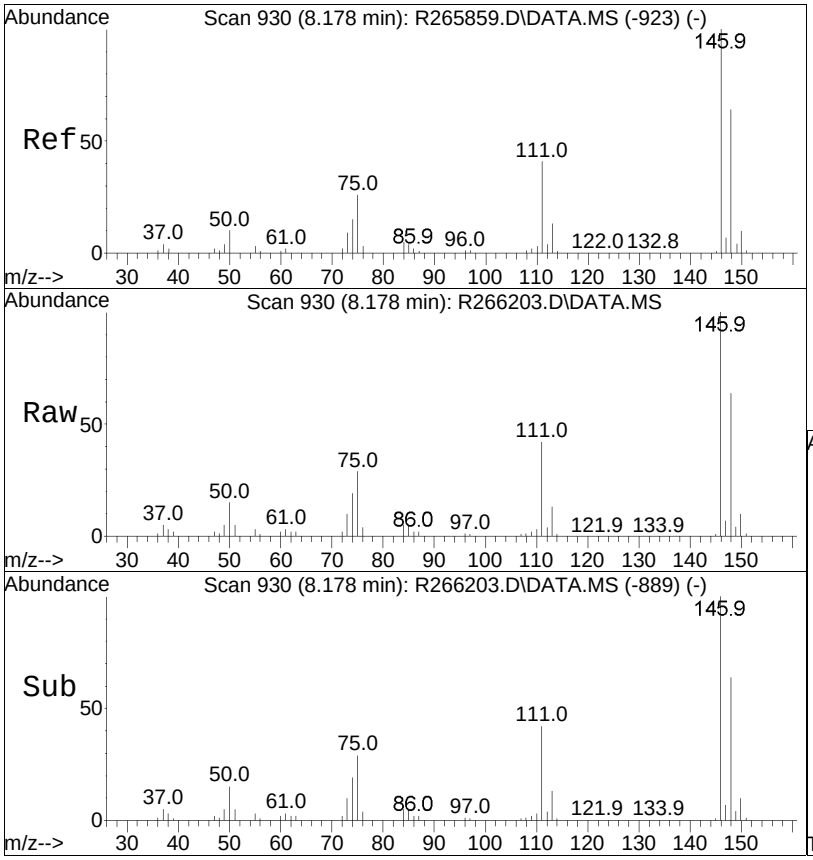


#103
1,4-dichlorobenzene
Concen: 9.73 ppbV
RT: 7.994 min Scan# 907
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:146 Resp: 641816

Ion	Ratio	Lower	Upper
146	100		
111	39.2	31.0	46.6
75	28.5	21.5	32.3

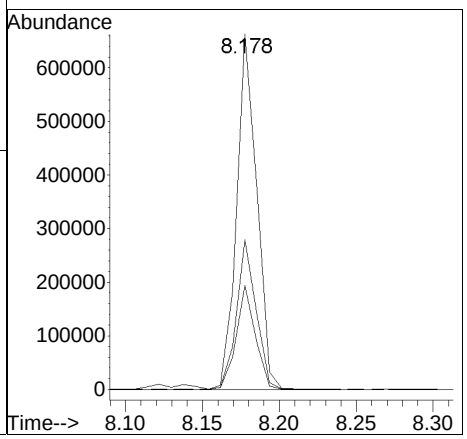


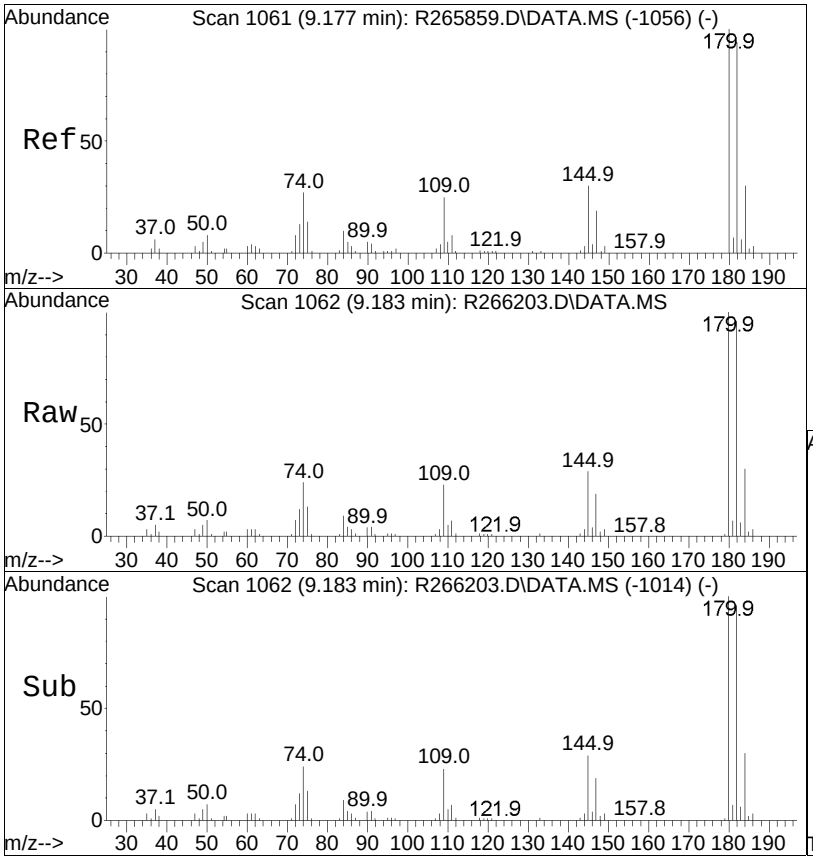


#107
1,2-dichlorobenzene
Concen: 9.44 ppbV
RT: 8.178 min Scan# 930
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:146 Resp: 604017

Ion	Ratio	Lower	Upper
146	100		
111	42.2	32.6	48.8
75	29.3	21.6	32.4

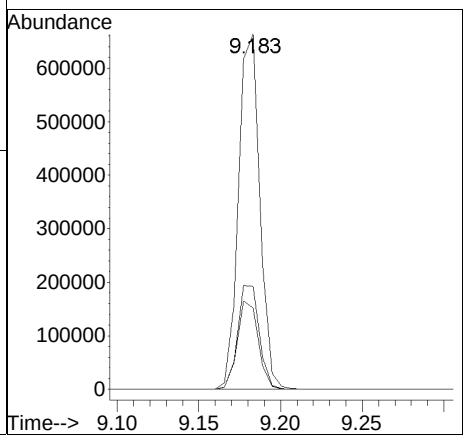


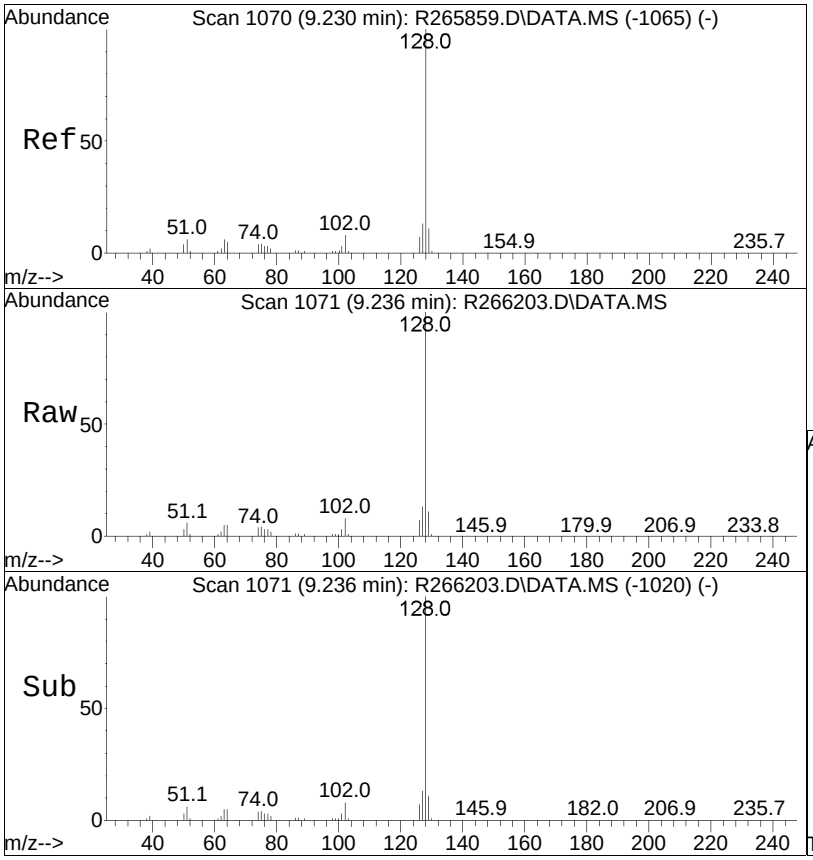


#115
1,2,4-trichlorobenzene
Concen: 9.30 ppbV
RT: 9.183 min Scan# 1062
Delta R.T. 0.006 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:180 Resp: 604248

Ion	Ratio	Lower	Upper
180	100		
145	29.0	24.2	36.2
109	22.9	19.9	29.9

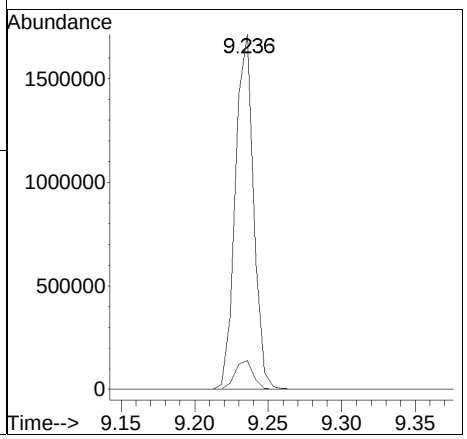


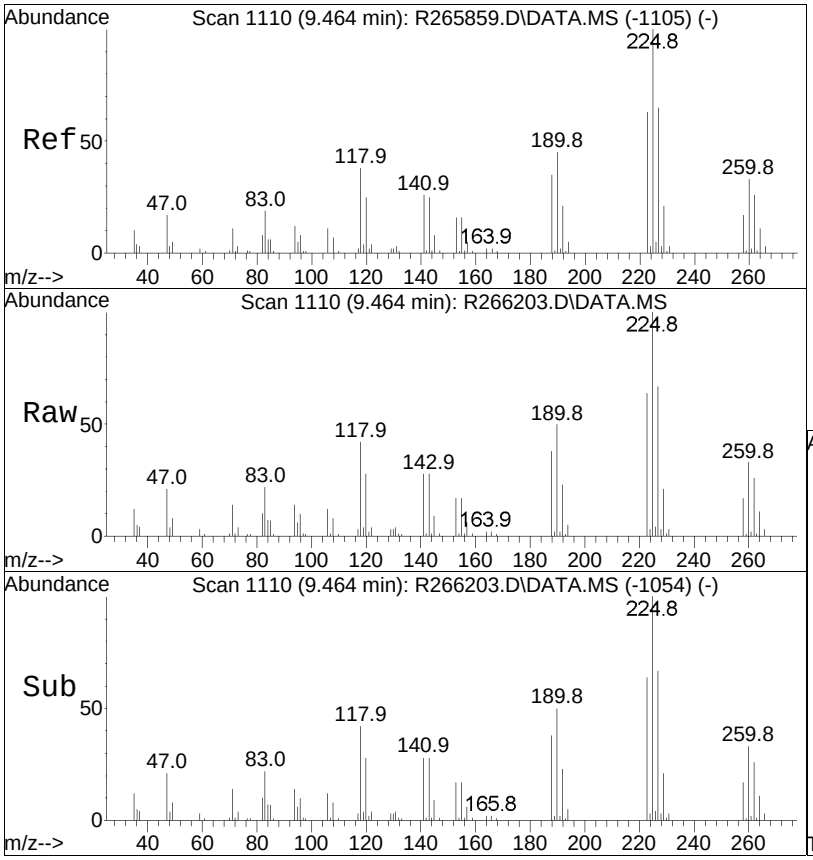


#116
naphthalene
Concen: 10.27 ppbV
RT: 9.236 min Scan# 1071
Delta R.T. 0.006 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:128 Resp: 1485759

Ion	Ratio	Lower	Upper
128	100		
102	8.1	6.5	9.7

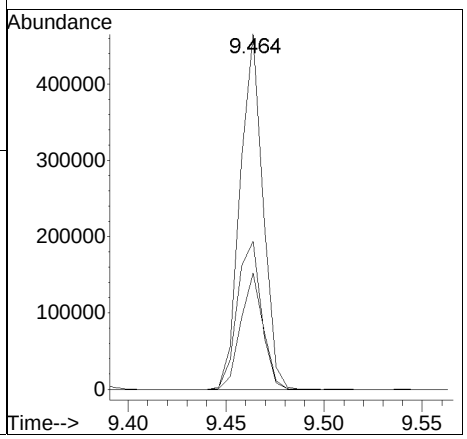




#119
hexachlorobutadiene
Concen: 7.76 ppbV
RT: 9.464 min Scan# 1110
Delta R.T. -0.000 min
Lab File: R266203.D
Acq: 19 Oct 2025 01:01 pm

Tgt Ion:225 Resp: 376711

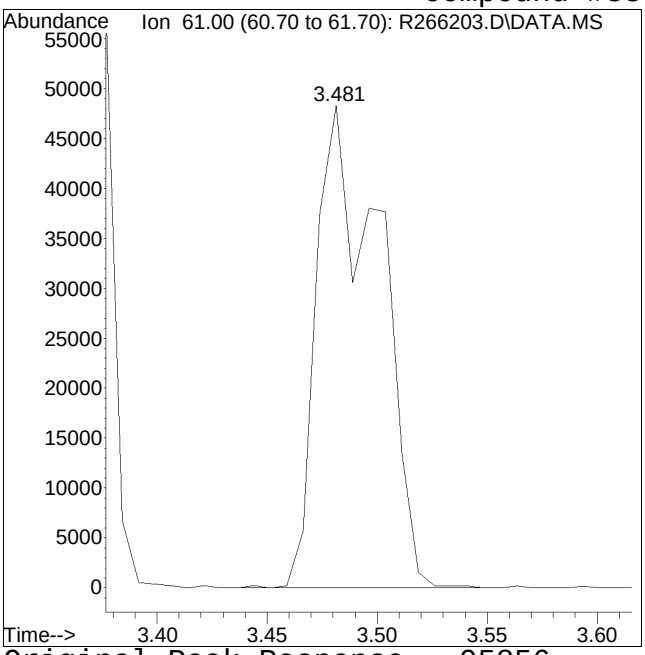
Ion	Ratio	Lower	Upper
225	100		
260	32.7	26.3	39.5
118	41.7	30.6	46.0



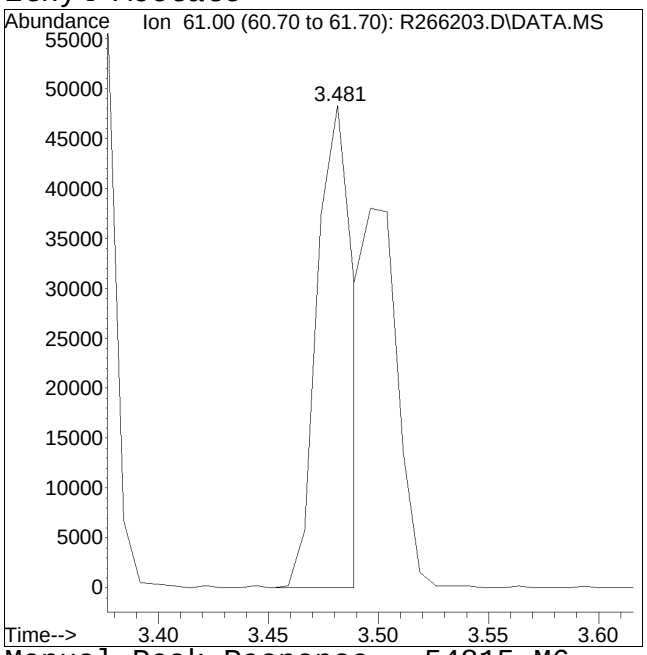
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TFS26_251002.M
Data File : R266203.D Operator : AIRLAB26:RAY
Date Inj'd : 10/19/2025 1:01 pm Instrument : Airlab26
Sample : WG2129876-3,3,250,250 Quant Date : 10/19/2025 2:40 pm

Compound #38: Ethyl Acetate



Original Peak Response = 95856



Manual Peak Response = 54815 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266213.D
Acq On : 19 Oct 2025 10:32 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-5,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 20 07:22:03 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : TO15-NY+NAPH-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.429	49	180559	10.000	ppbV	0.00
Standard Area = 199817			Recovery =		90.36%	
43) 1,4-difluorobenzene	4.317	114	621293	10.000	ppbV	0.00
Standard Area = 700064			Recovery =		88.75%	
67) chlorobenzene-D5	6.438	54	93543	10.000	ppbV	0.00
Standard Area = 104710			Recovery =		89.34%	
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	1.947	85	20659	0.477	ppbV	96
6) chloromethane	1.997	50	6786	0.500	ppbV	92
7) Freon-114	2.024		0	N.D.		
10) 1,3-butadiene	2.096		0	N.D.		
13) bromomethane	2.173		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.255	31	171920	23.999	ppbV	94
17) vinyl bromide	0.000		0	N.D.		
19) acetone	2.397	43	71478	3.269	ppbV #	98
21) trichlorofluoromethane	2.448	101	9636	0.194	ppbV	94
22) isopropyl alcohol	2.465	45	79063	3.007	ppbV	100
27) tertiary butyl alcohol	2.645	59	1824	0.041	ppbV #	64
28) methylene chloride	2.659	49	2750	0.126	ppbV	88
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	2.750		0	N.D.		
31) Freon 113	2.750	101	2788	0.065	ppbV	88
32) trans-1,2-dichloroethene	0.000		0	N.D.	d	
33) 1,1-dichloroethane	3.047		0	N.D.		
34) MTBE	3.083		0	N.D.		
36) 2-butanone	3.207	43	6816	0.249	ppbV	91
38) Ethyl Acetate	3.496	61	649	0.125	ppbV #	1
39) chloroform	3.489	83	5029	0.142	ppbV #	84
40) Tetrahydrofuran	3.690	42	1542	0.135	ppbV #	54
42) 1,2-dichloroethane	3.798		0	N.D.		
44) hexane	3.474	57	3519	0.176	ppbV #	1
50) benzene	4.129	78	4119	0.085	ppbV #	81
53) cyclohexane	4.260	56	690	0.035	ppbV #	75
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266213.D
Acq On : 19 Oct 2025 10:32 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-5,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 20 07:22:03 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2025\10\1019T\R266202.D
Sub List : TO15-NY+NAPH-7-SIM - .

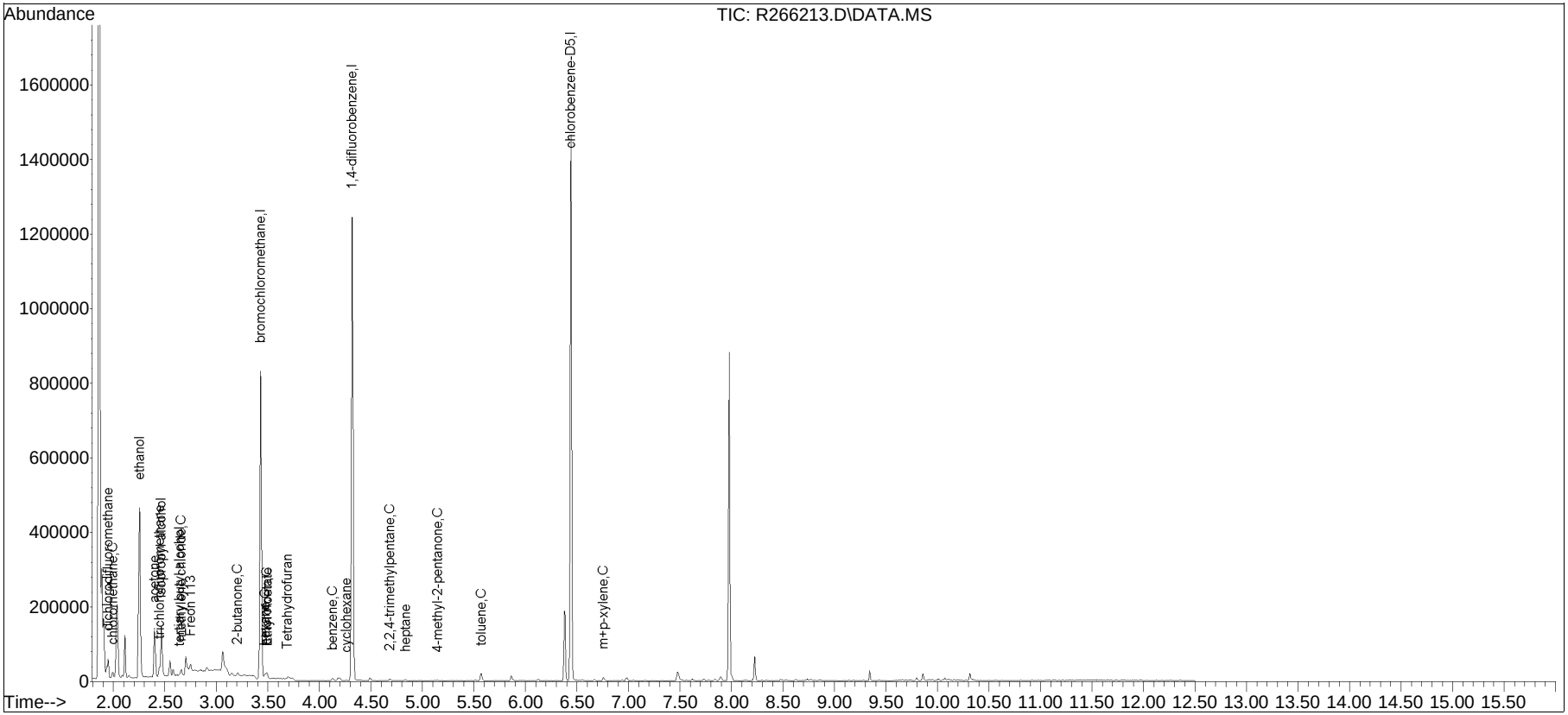
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 1,4-dioxane	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	4.685	57	2832	0.045	ppbV #	74
62) heptane	4.835	43	896	0.048	ppbV #	86
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	5.149	43	1079	0.042	ppbV #	56
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	5.573	91	9780	0.158	ppbV	94
72) 2-hexanone	5.716		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	6.667		0	N.D.		
83) m+p-xylene	6.754	91	4609	0.073	ppbV	94
84) bromoform	0.000		0	N.D.		
85) styrene	6.940		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	6.986		0	N.D.		
96) 4-ethyl toluene	7.643		0	N.D.		
97) 1,3,5-trimethylbenzene	7.690		0	N.D.		
99) 1,2,4-trimethylbenzene	7.898		0	N.D.		
101) Benzyl Chloride	0.000		0	N.D.	d	
102) 1,3-dichlorobenzene	0.000		0	N.D.	d	
103) 1,4-dichlorobenzene	0.000		0	N.D.	d	
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
116) naphthalene	9.247		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

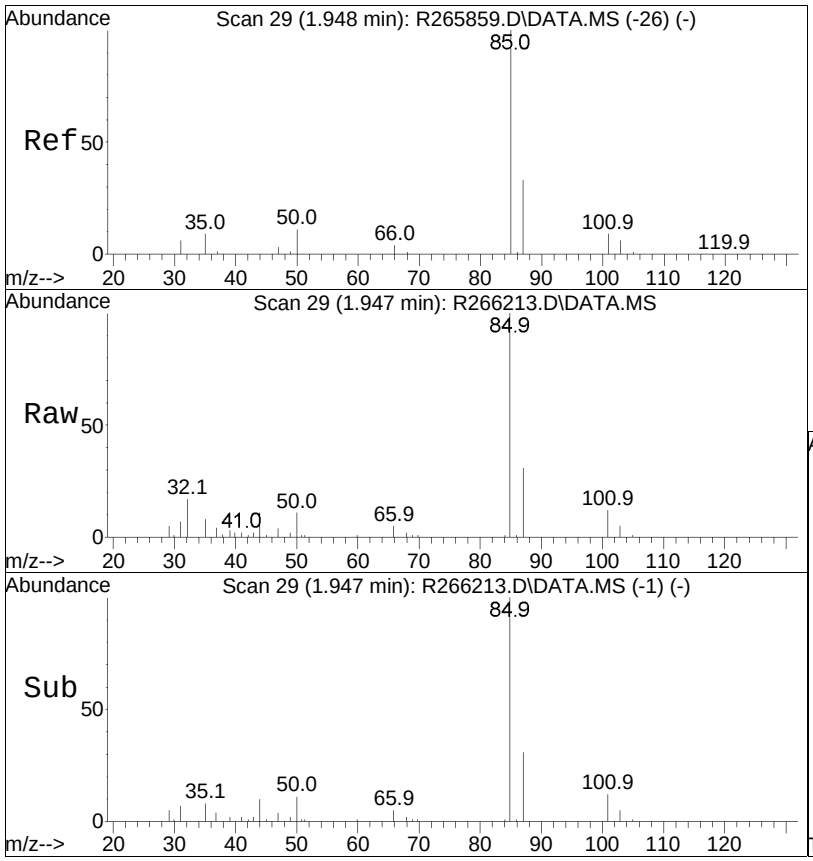
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY+NAPH-7-SIM - .6\2025\10\1019T\R266202.D

Data Path : X:\Airlab\Data\Airlab26\2025\10\1019T\
Data File : R266213.D
Acq On : 19 Oct 2025 10:32 pm
Operator : AIRLAB26:RAY
Sample : WG2129876-5,3,250,250
Misc : WG2129876,ICAL22711
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 20 07:22:03 2025
Quant Method : X:\Airlab\Data\Airlab26\2025\10\1019T\TFS26_251002.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Oct 03 15:52:47 2025
Response via : Initial Calibration

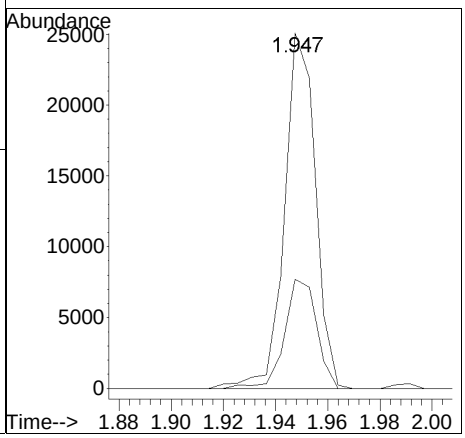


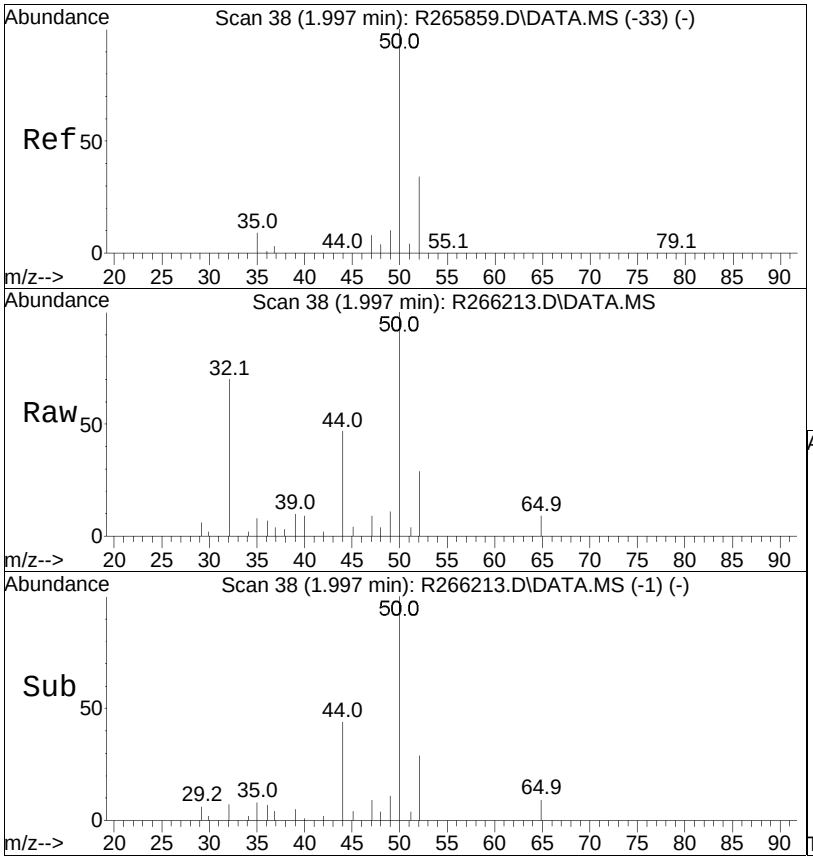


#5
dichlorodifluoromethane
Concen: 0.48 ppbV
RT: 1.947 min Scan# 29
Delta R.T. -0.000 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 85 Resp: 20659

Ion	Ratio	Lower	Upper
85	100		
87	30.7	26.4	39.6

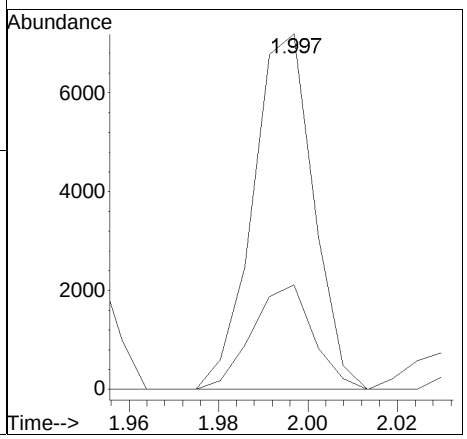


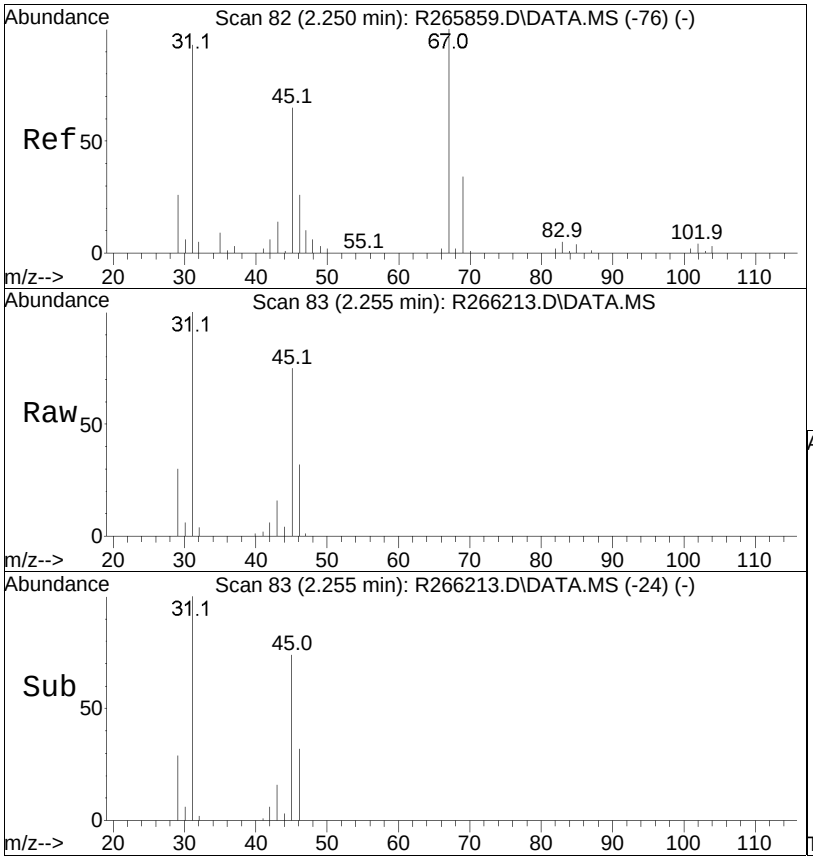


#6
chloromethane
Concen: 0.50 ppbV
RT: 1.997 min Scan# 38
Delta R.T. -0.000 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 50 Resp: 6786

Ion	Ratio	Lower	Upper
50	100		
52	29.4	27.3	40.9

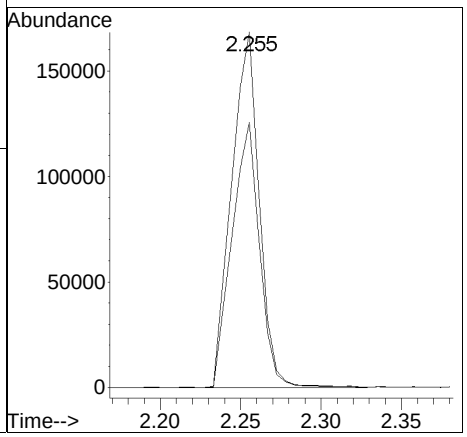


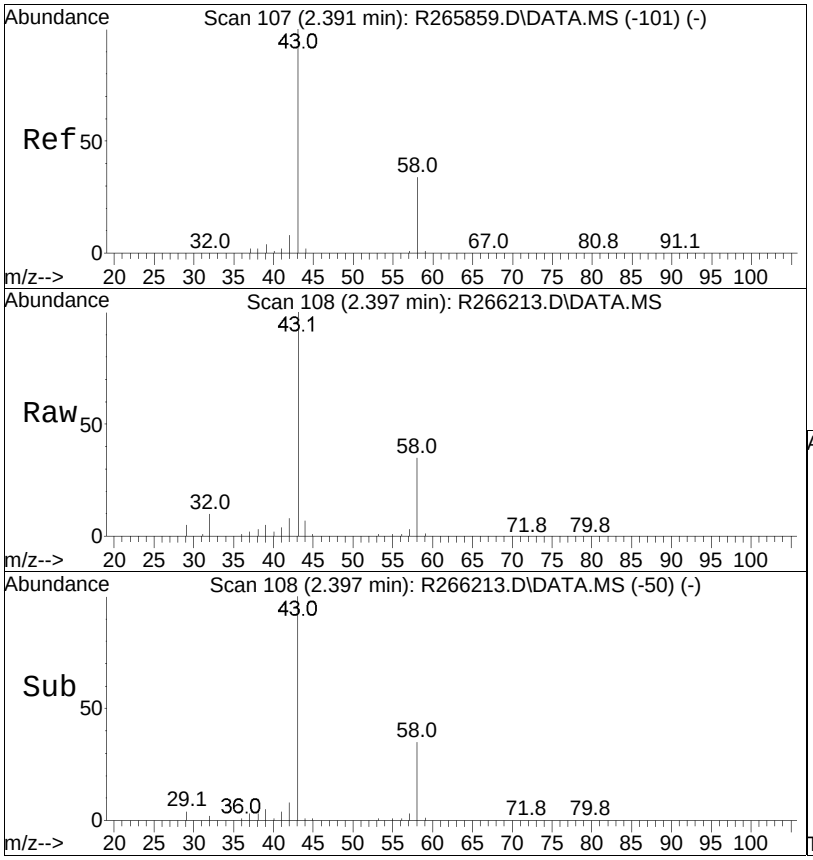


#15
ethanol
Concen: 24.00 ppbV
RT: 2.255 min Scan# 83
Delta R.T. 0.006 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 31 Resp: 171920

Ion	Ratio	Lower	Upper
31	100		
45	74.6	55.6	83.4

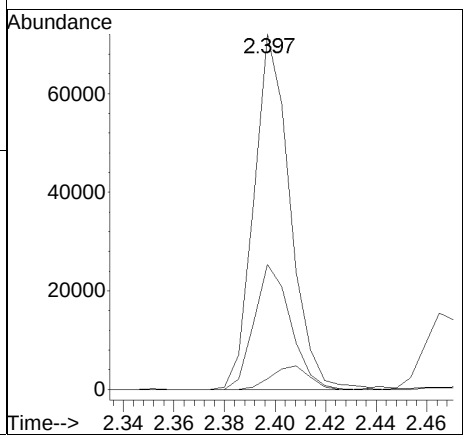


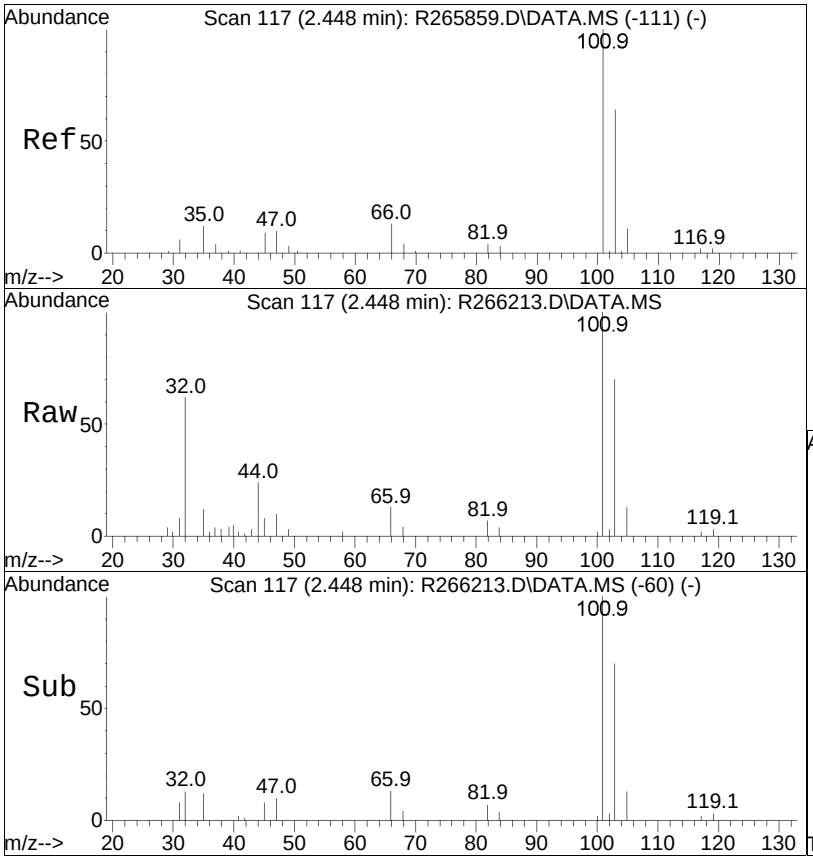


#19
acetone
Concen: 3.27 ppbV
RT: 2.397 min Scan# 108
Delta R.T. 0.006 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 43 Resp: 71478

Ion	Ratio	Lower	Upper
43	100		
58	35.2	27.4	41.2
57	3.0	0.7	1.1#

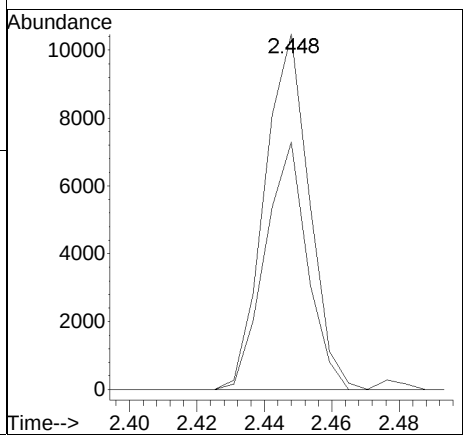


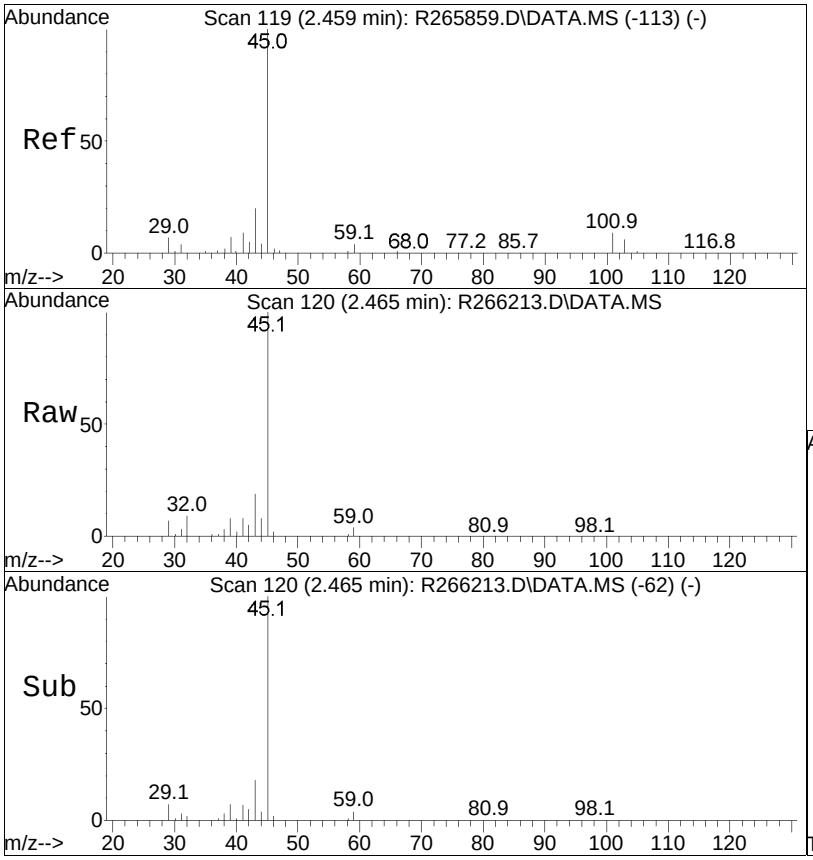


#21
trichlorofluoromethane
Concen: 0.19 ppbV
RT: 2.448 min Scan# 117
Delta R.T. -0.000 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion:101 Resp: 9636

Ion	Ratio	Lower	Upper
101	100		
103	69.6	51.6	77.4

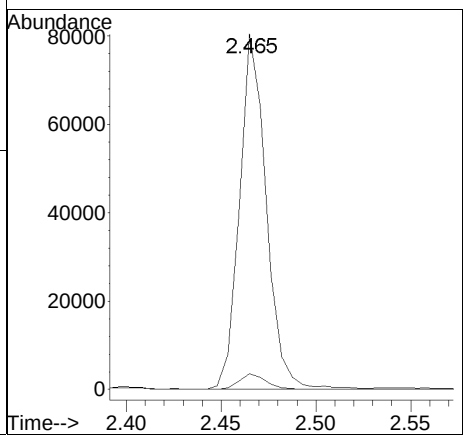


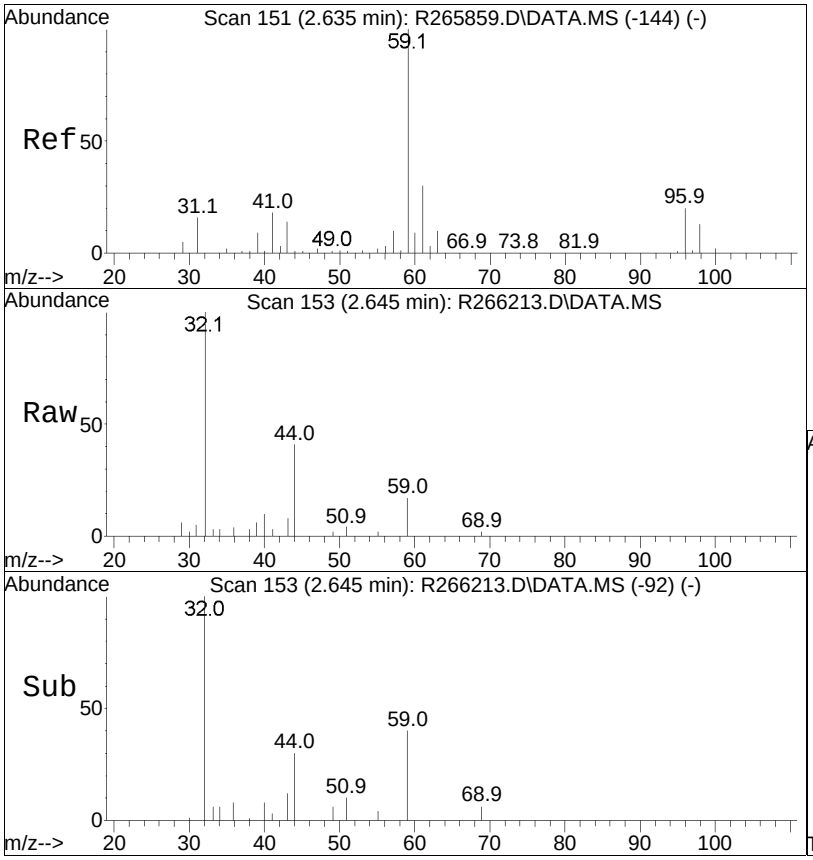


#22
isopropyl alcohol
Concen: 3.01 ppbV
RT: 2.465 min Scan# 120
Delta R.T. 0.006 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 45 Resp: 79063

Ion	Ratio	Lower	Upper
45	100		
59	4.4	3.4	5.2

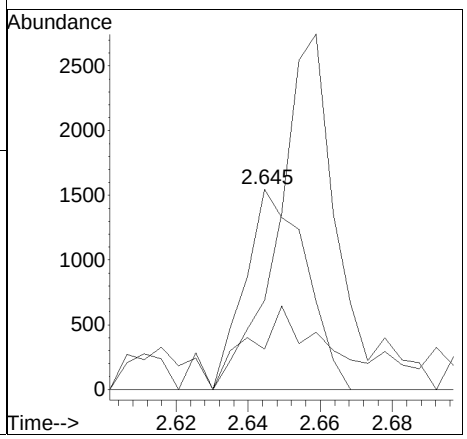


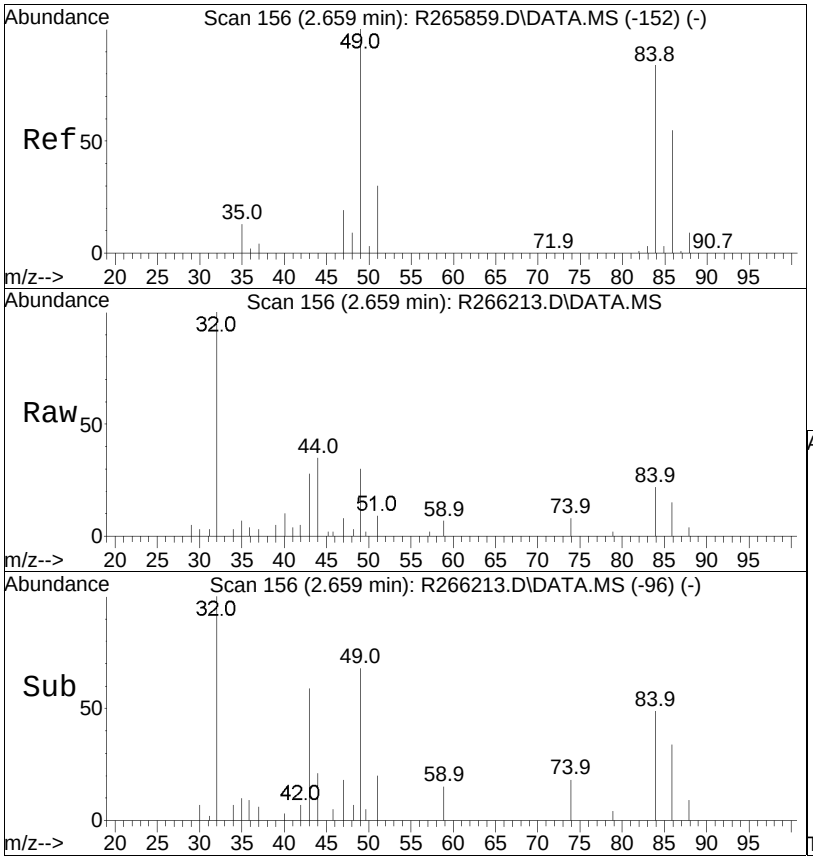


#27
tertiary butyl alcohol
Concen: 0.04 ppbV
RT: 2.645 min Scan# 153
Delta R.T. 0.009 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 59 Resp: 1824

Ion	Ratio	Lower	Upper
59	100		
41	20.2	14.2	21.4
43	44.5	11.0	16.4#

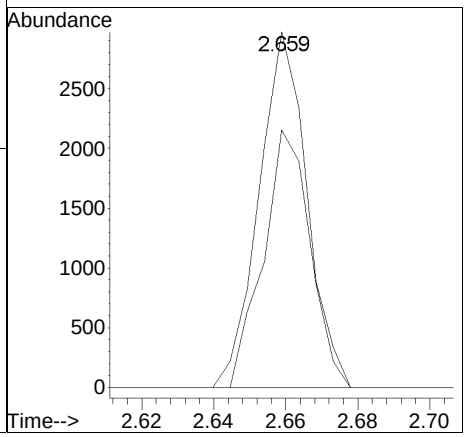


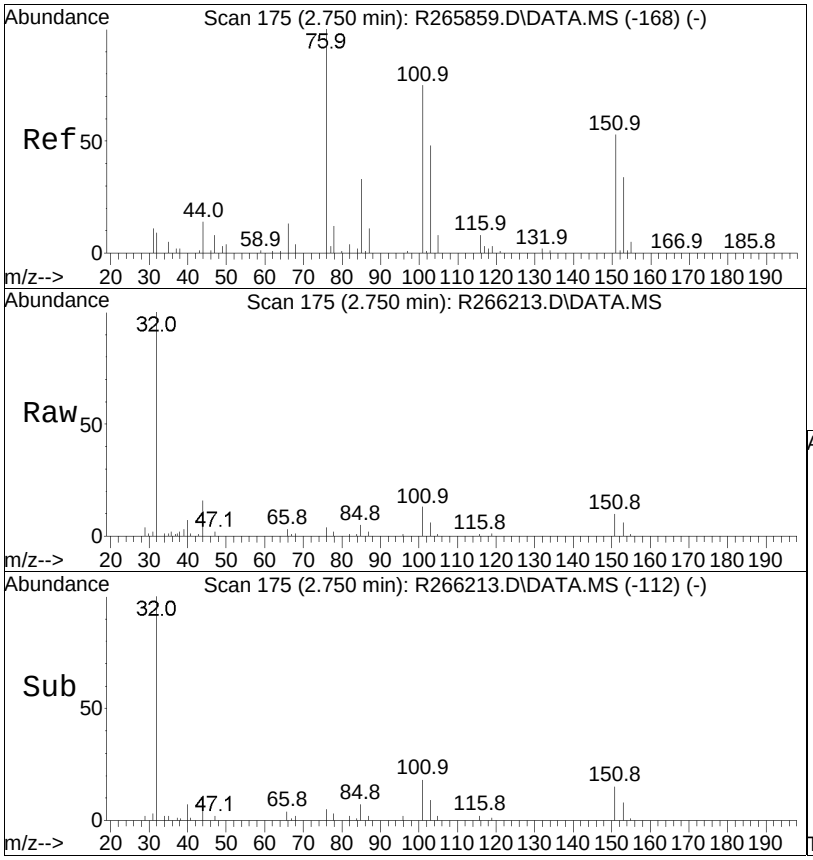


#28
methylene chloride
Concen: 0.13 ppbV
RT: 2.659 min Scan# 156
Delta R.T. -0.000 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 49 Resp: 2750

Ion	Ratio	Lower	Upper
49	100		
84	72.4	66.6	99.8

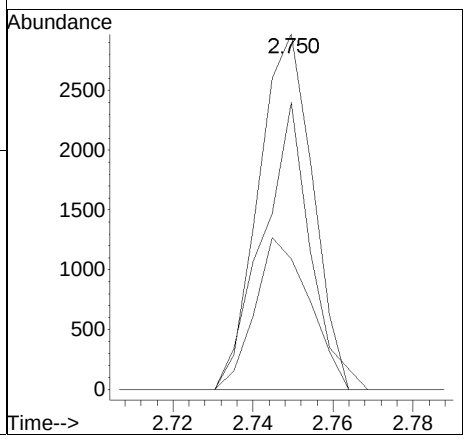


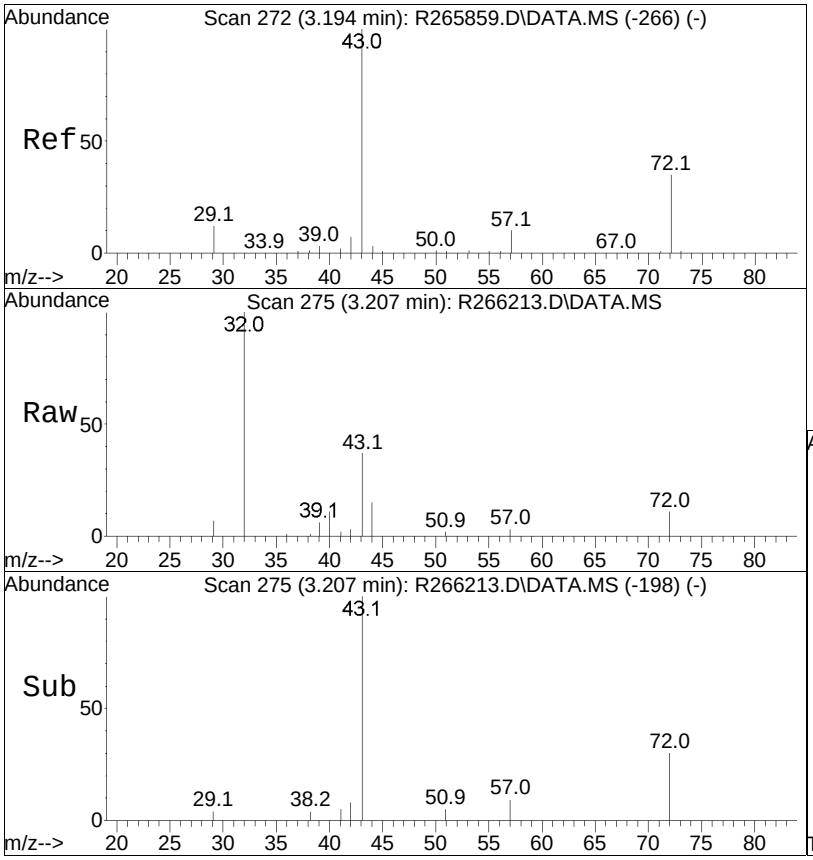


#31
Freon 113
Concen: 0.07 ppbV
RT: 2.750 min Scan# 175
Delta R.T. -0.000 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion:101 Resp: 2788

Ion	Ratio	Lower	Upper
101	100		
85	36.8	35.0	52.4
151	80.7	55.8	83.8

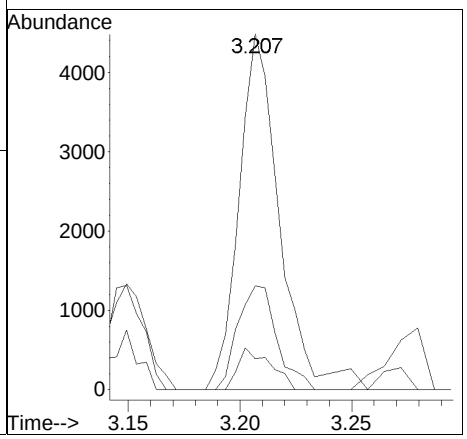


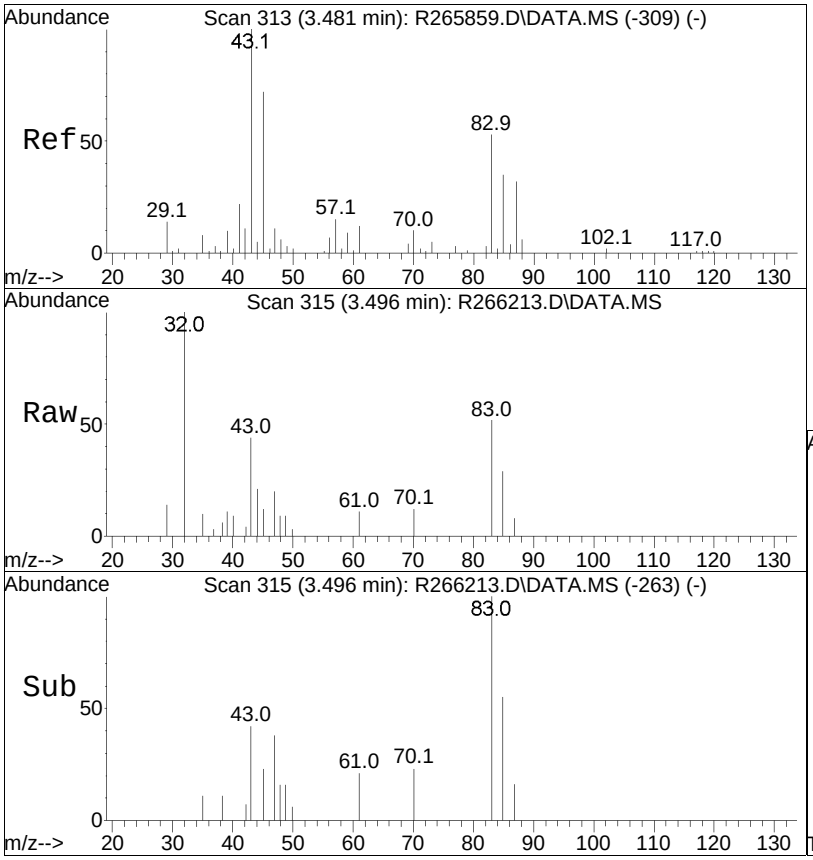


#36
2-butanone
Concen: 0.25 ppbV
RT: 3.207 min Scan# 275
Delta R.T. 0.013 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 43 Resp: 6816

Ion	Ratio	Lower	Upper
43	100		
72	29.1	27.9	41.9
57	8.6	8.2	12.2

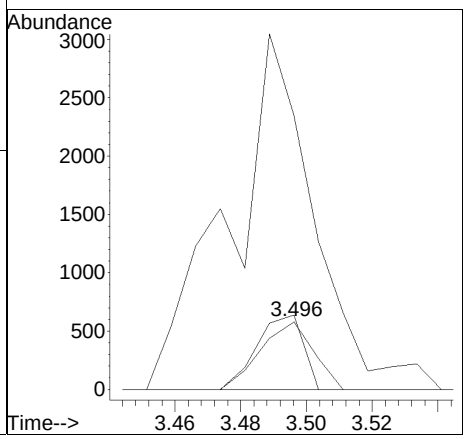


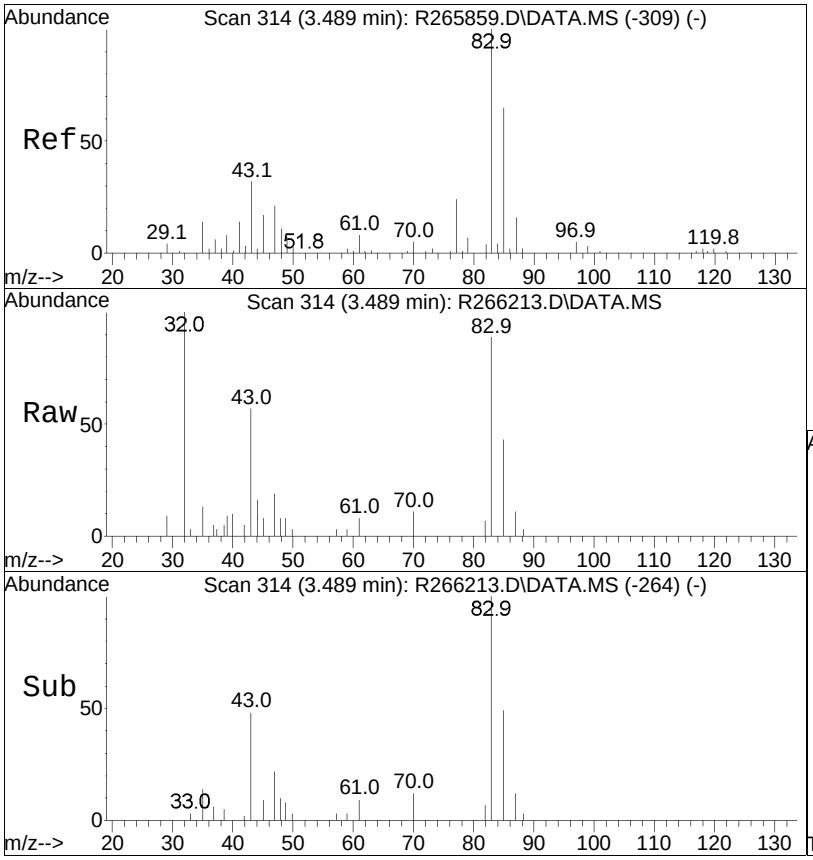


#38
Ethyl Acetate
Concen: 0.12 ppbV
RT: 3.496 min Scan# 315
Delta R.T. 0.015 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 61 Resp: 649

Ion	Ratio	Lower	Upper
61	100		
70	110.2	68.1	102.1#
43	405.2	670.2	1005.4#

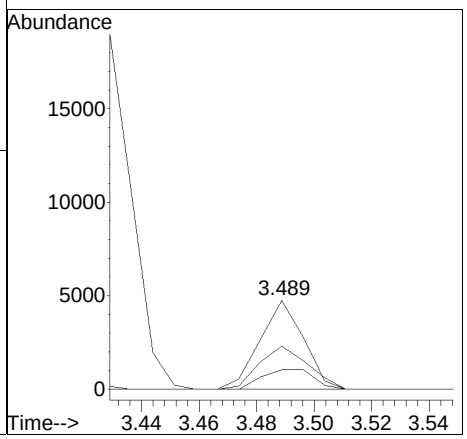


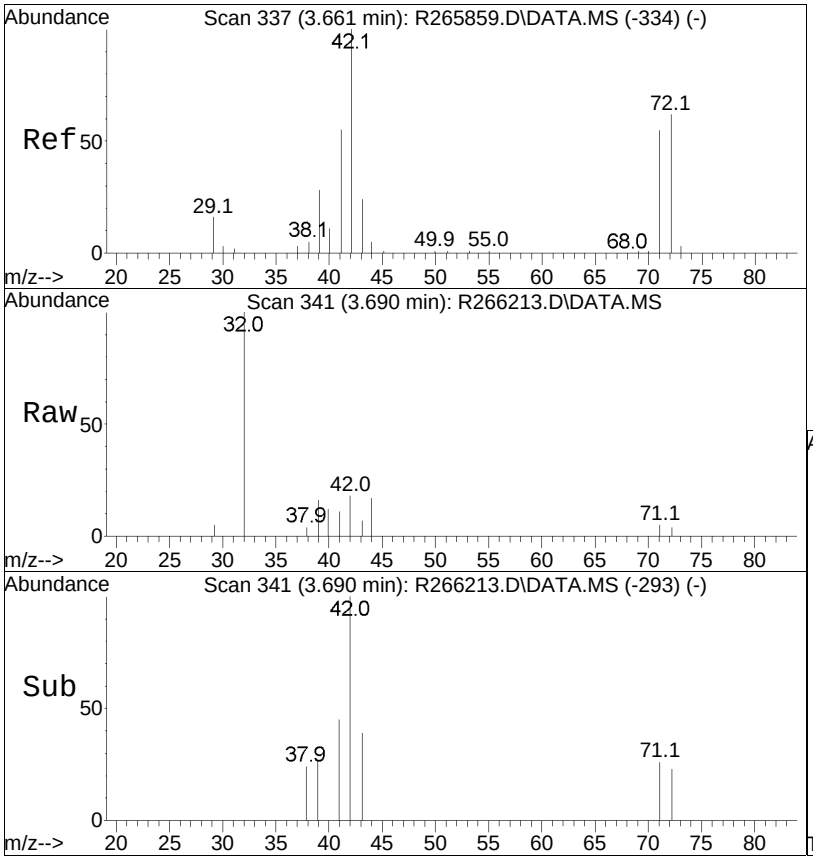


#39
chloroform
Concen: 0.14 ppbV
RT: 3.489 min Scan# 314
Delta R.T. -0.000 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 83 Resp: 5029

Ion	Ratio	Lower	Upper
83	100		
85	48.7	51.9	77.9#
47	22.0	17.0	25.4

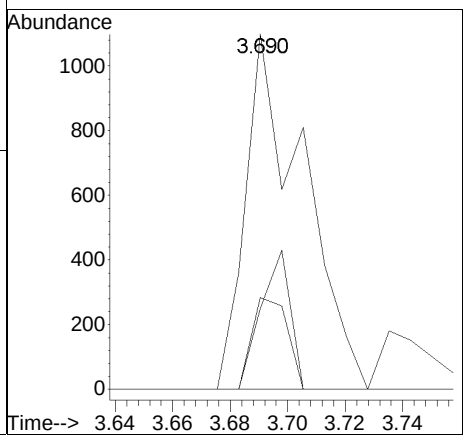


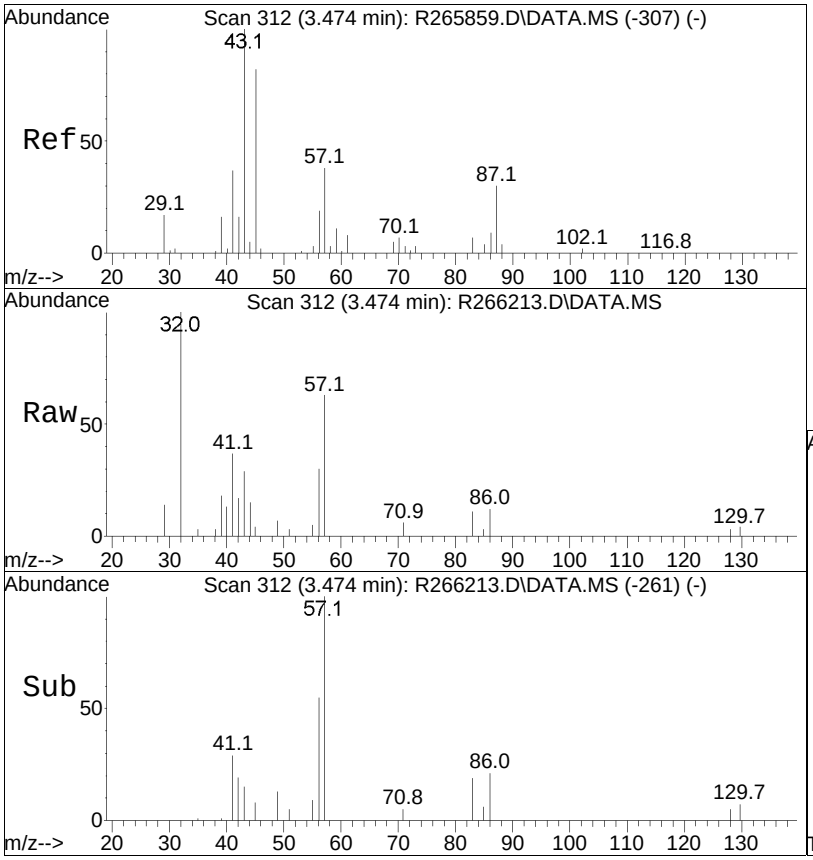


#40
Tetrahydrofuran
Concen: 0.13 ppbV
RT: 3.690 min Scan# 341
Delta R.T. 0.030 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 42 Resp: 1542

Ion	Ratio	Lower	Upper
42	100		
71	25.8	44.3	66.5#
72	22.7	49.4	74.2#

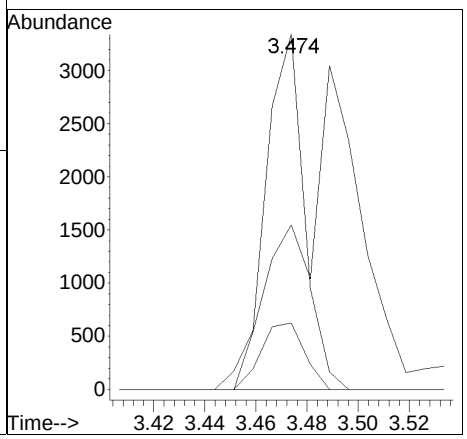


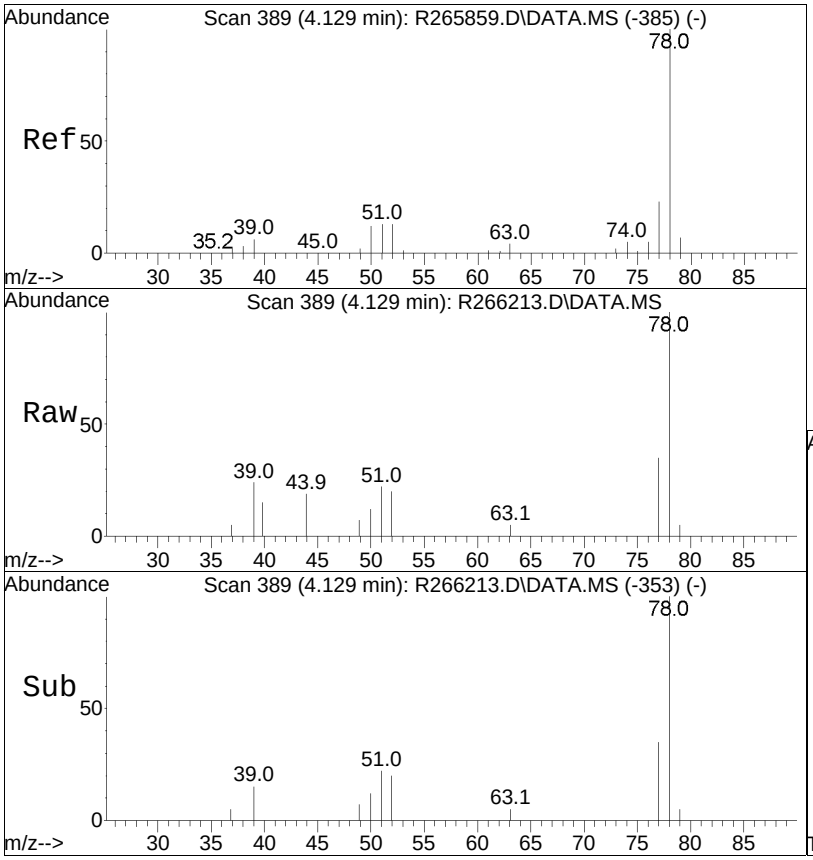


#44
hexane
Concen: 0.18 ppbV
RT: 3.474 min Scan# 312
Delta R.T. -0.000 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 57 Resp: 3519

Ion	Ratio	Lower	Upper
57	100		
43	46.3	209.9	314.9#
86	18.7	18.6	27.8

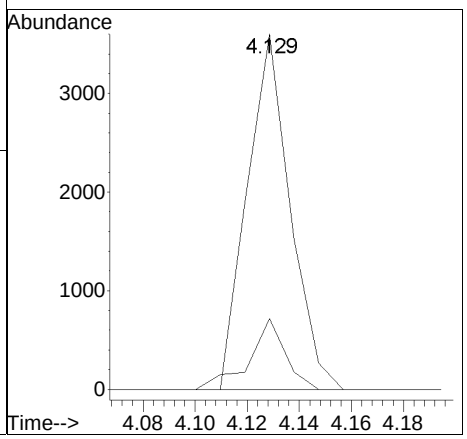


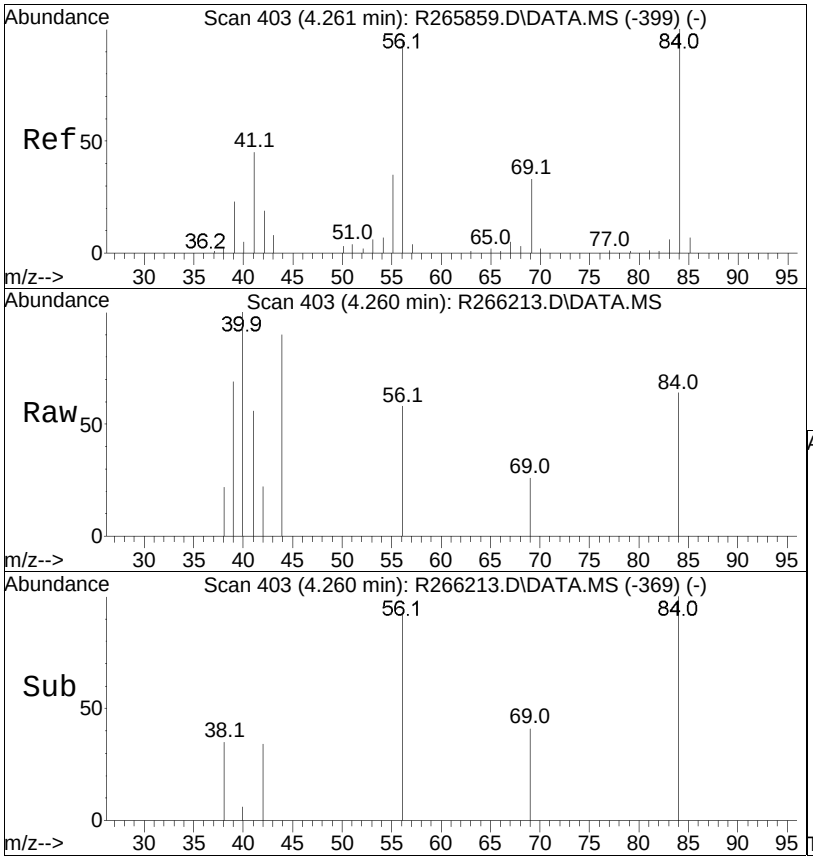


#50
benzene
Concen: 0.09 ppbV
RT: 4.129 min Scan# 389
Delta R.T. -0.000 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 78 Resp: 4119

Ion	Ratio	Lower	Upper
78	100		
52	20.0	10.1	15.1#

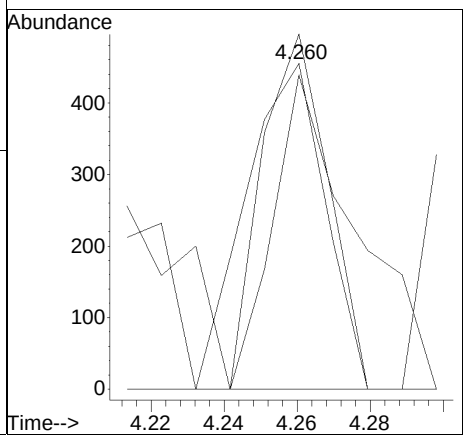


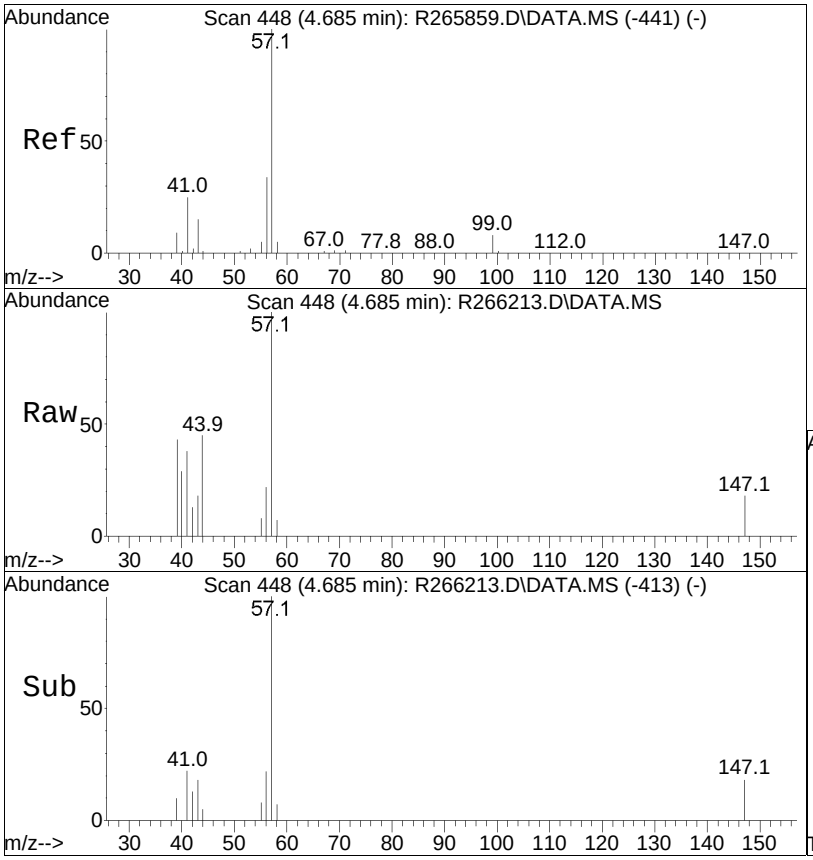


#53
cyclohexane
Concen: 0.03 ppbV
RT: 4.260 min Scan# 403
Delta R.T. -0.000 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 56 Resp: 690

Ion	Ratio	Lower	Upper
56	100		
84	109.0	84.6	126.8
41	96.5	37.9	56.9#

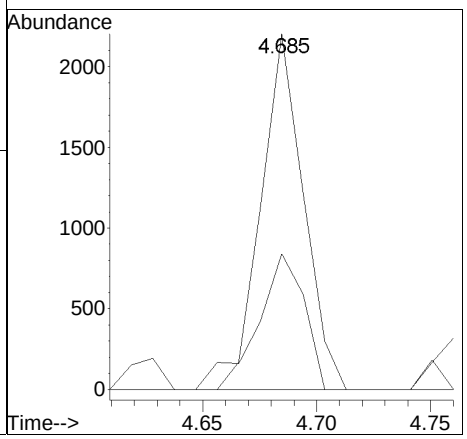


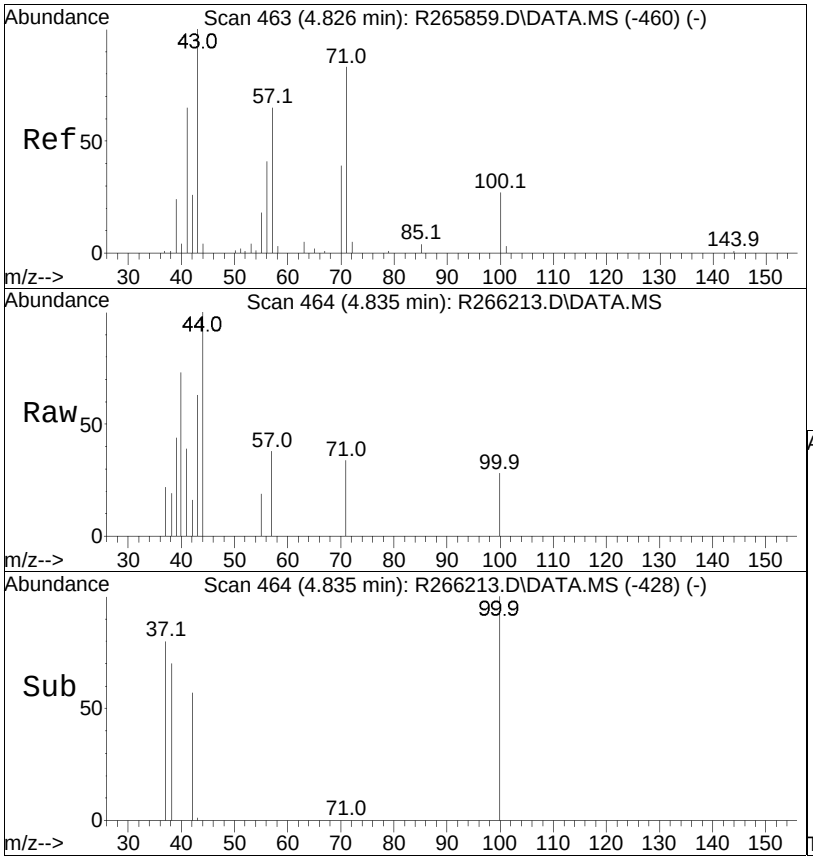


#60
2,2,4-trimethylpentane
Concen: 0.04 ppbV
RT: 4.685 min Scan# 448
Delta R.T. -0.000 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 57 Resp: 2832

Ion	Ratio	Lower	Upper
57	100		
99	0.0	6.2	9.2#
41	38.2	19.8	29.8#

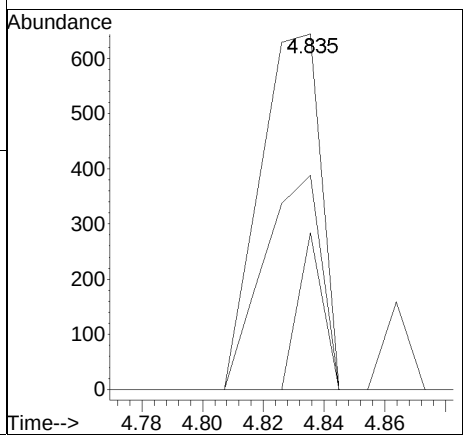


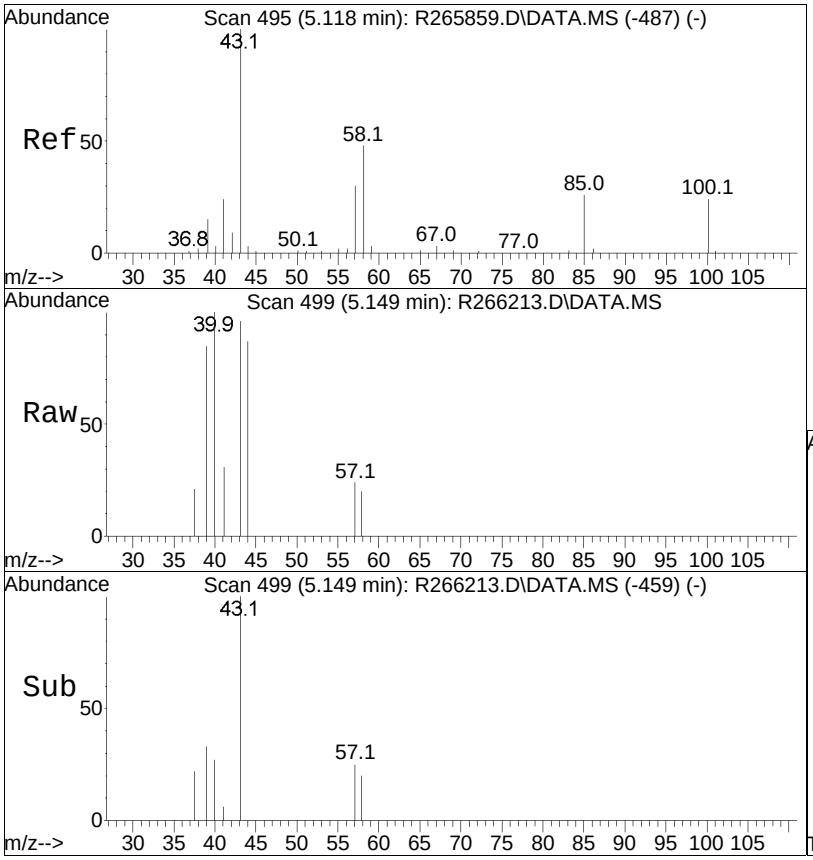


#62
heptane
Concen: 0.05 ppbV
RT: 4.835 min Scan# 464
Delta R.T. 0.009 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 43 Resp: 896

Ion	Ratio	Lower	Upper
43	100		
57	60.2	52.1	78.1
100	44.1	22.3	33.5#

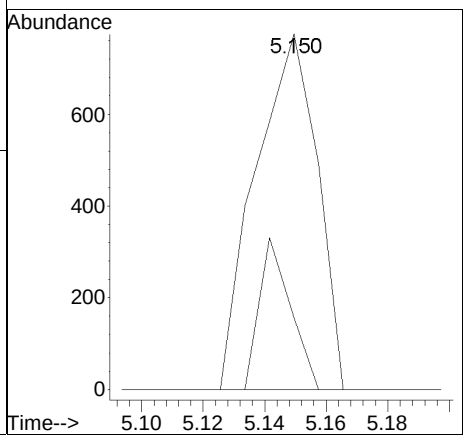


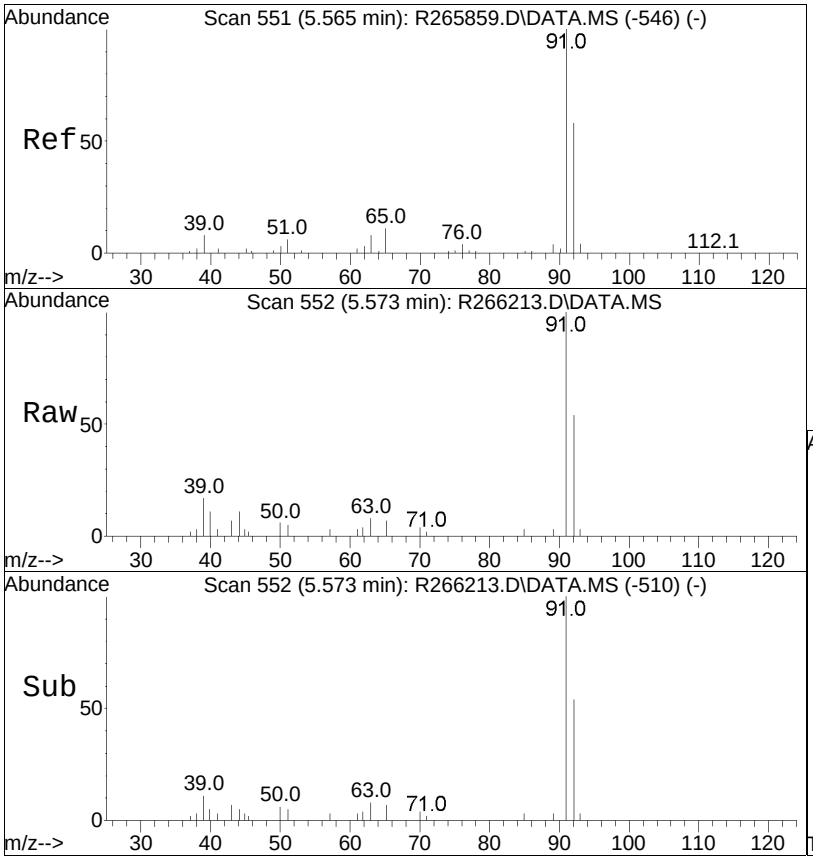


#64
4-methyl-2-pentanone
Concen: 0.04 ppbV
RT: 5.149 min Scan# 499
Delta R.T. 0.032 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 43 Resp: 1079

Ion	Ratio	Lower	Upper
43	100		
58	20.3	38.6	57.8#
100	0.0	19.1	28.7#

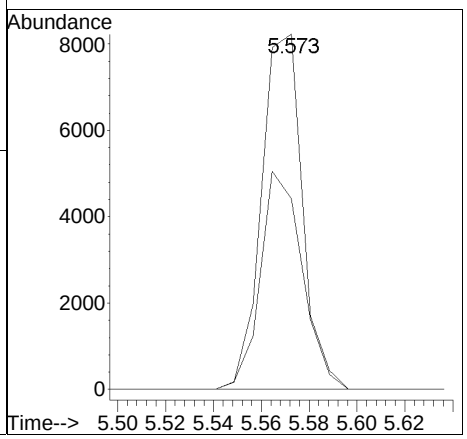


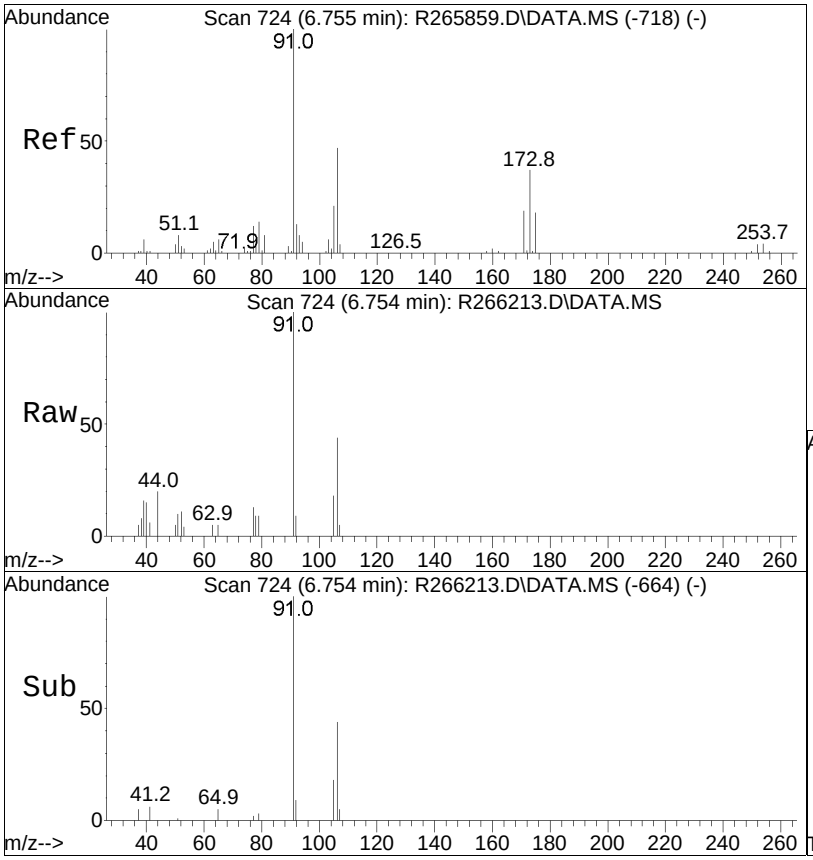


#68
toluene
Concen: 0.16 ppbV
RT: 5.573 min Scan# 552
Delta R.T. 0.008 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 91 Resp: 9780

Ion	Ratio	Lower	Upper
91	100		
92	53.7	46.4	69.6

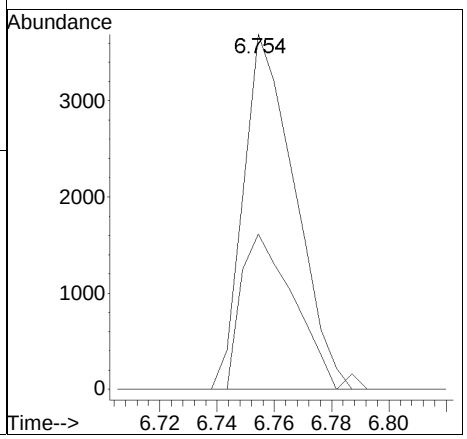




#83
m+p-xylene
Concen: 0.07 ppbV
RT: 6.754 min Scan# 724
Delta R.T. -0.000 min
Lab File: R266213.D
Acq: 19 Oct 2025 10:32 pm

Tgt Ion: 91 Resp: 4609

Ion	Ratio	Lower	Upper
91	100		
106	43.7	38.0	57.0

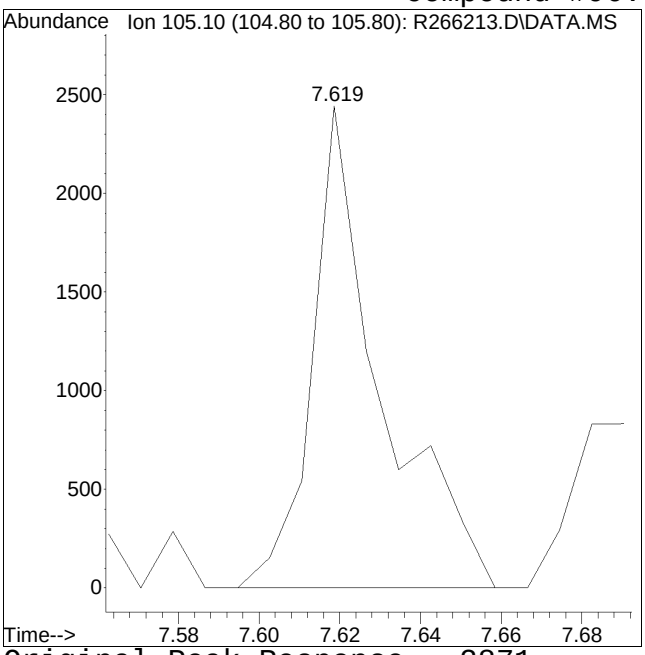


Manual Integration Report

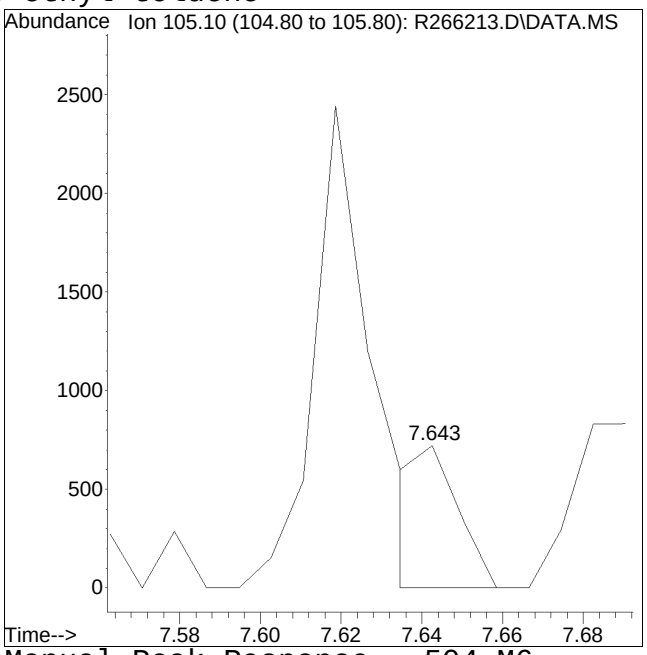
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R266213.D
Date Inj'd : 10/19/2025 10:32 pm
Sample : WG2129876-5,3,250,250

Method : TFS26_251002.M
Operator : AIRLAB26:RAY
Instrument : Airlab26
Quant Date : 10/20/2025 7:22 am

Compound #96: 4-ethyl toluene



Original Peak Response = 2871



Manual Peak Response = 504 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Calculation of Volatile Organic Compounds in Air

The instrument will calculate the concentration (ppbv). If the sample is diluted (DF), the result is multiplied by the DF to generate the final result.

Result, ppbv = C_s x DF
Where:
C_s = Concentration of sample (ppbv)
DF = Dilution Factor

Calculation of Instrument Dilution Factor

For dilutions, smaller sample volumes (< 250mL) are analyzed. The smallest volume that can be analyzed with accuracy is 10 mL.

Samples that arrive at the laboratory with pressures below -15 inches Hg must be pressurized with zero air to greater than -15 inches Hg. This pressurization results in a dilution factor.

Calculation of Dilution Factor
$DF = V_{cf} / V_{ci}$
Where:
V_{ci} = volume of air in canister prior to pressurization, L
P =

Conversion of ppbv to ug/m^3
ug/m^3 = (ppbv) * MW / 24.47
Where:
24.47 = molar gas constant (g/g-mole)
MW = molecular weight of the compound of interest

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

$V_{ci} = 2.7 * Pl/14.696$

Step 2: Calculate the volume in the canister after pressurization.

$V_{cf} = 2.7 * PF/14.696$

Step 3: Calculate the dilution factor.

$DF = V_{cf} / V_{ci}$

Where:

V_{ci} = volume of air in canister prior to pressurization, L
PI = pressure reading of canister prior to pressurization (psia)
V_{cf} = volume of air in canister after pressurization, L
PF = pressure reading of canister after pressurization (psia)
DF = dilution factor
14.696 = atmospheric pressure (psia)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Oct 20 2025, 12:39 pm

Work Group: WG2129876 for Department: 3 GC/MS

Created: 19-OCT-25 Due: Operator: BJB

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2565201-01	EFF-1	S	TO15-LL	SOIL_VAPOR	DONE	U	1108	1023	S0	Can-2.7
L2565378-01	SVE-INF-01_20251015	S	TO15-LL	SOIL_VAPOR	DONE	U	1114	1022	S0	Tedlar-Poly5
L2565378-02	SVE-EFF-01_20251015	S	TO15-LL	SOIL_VAPOR	DONE	U	1114	1022	S0	Tedlar-Poly5
L2565378-03	SVE-INF-02_20251015	S	TO15-LL	SOIL_VAPOR	DONE	U	1114	1022	S0	Tedlar-Poly5
L2565378-04	SVE-EFF-02_20251015	S	TO15-LL	SOIL_VAPOR	DONE	U	1114	1022	S0	Tedlar-Poly5
L2565460-11	AA-01	S	TO15-LL	AIR	DONE	U	1114	1022	S0	Can-6
L2566057-01	SS-1	S	TO15-LL	SOIL_VAPOR	DONE	U	1115	1021	3B	Can-6
L2566057-02	IA-1	S	TO15-LL	AIR	DONE	U	1115	1021	3B	Can-6
L2566057-03	SS-2	S	TO15-LL	SOIL_VAPOR	DONE	U	1115	1021	3B	Can-6
L2566057-04	IA-2	S	TO15-LL	AIR	DONE	U	1115	1021	3B	Can-6
L2566057-05	OA-1	S	TO15-LL	AIR	DONE	U	1115	1021	3B	Can-6
L2566081-01	109W-B-SS	S	TO15-LL	SOIL_VAPOR	DONE	U	1116	1021	3B	Can-6
L2566081-02	109W-IA	S	TO15-LL	AIR	DONE	U	1116	1021	3B	Can-6
L2566081-03	109W-OA	S	TO15-LL	AIR	DONE	U	1116	1021	3B	Can-6
WG2129876-1	MS BFB Tune Standard	S	TO15-LL	AIR	DONE	U				
WG2129876-1	MS BFB Tune Standard	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2129876-2	Continuing Calibrati	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2129876-2	Continuing Calibrati	S	TO15-LL	AIR	DONE	U				
WG2129876-3	Laboratory Control S	S	TO15-LL	AIR	DONE	U				
WG2129876-3	Laboratory Control S	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2129876-4	Laboratory Method Bl	S	TO15-LL	AIR	DONE	U				
WG2129876-4	Laboratory Method Bl	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2129876-5	Duplicate Sample	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2129876-5	Duplicate Sample	S	TO15-LL	AIR	DONE	U				

Comments:

WG2129876-5 L2566057-04

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRLAB26

Internal Standard/Surrogate IDs: SS24-016 / SS24-017

Date: 10/02/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: APR

Sequence Name 251002.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	TA26091701	TO15_SFS.M	R265851.D	250 mL	TUNE		NA
2	ITO15-SIMSTD0.02	TO15_SFS.M	R265852.D	SS25-020D 50 mL	SIM ONLY	DEF	NA
3	ITO15-SIMSTD0.05	TO15_SFS.M	R265853.D	SS25-020D 125 mL	SIM ONLY	DEF	NA
3	ITO15-SIMSTD0.1	TO15_SFS.M	R265854.D	SS25-020D 250 mL	SIM ONLY	DEF	NA
	ITO15-LLSTD0.2	TO15_SFS.M	R265855.D	SS25-020C 50 mL		DEF	NA
1	ITO15-LLSTD0.5	TO15_SFS.M	R265856.D	SS25-020C 125 mL		DEF	NA
1	ITO15-LLSTD1.0	TO15_SFS.M	R265857.D	SS25-020C 250 mL		DEF	NA
	ITO15-LLSTD5.0	TO15_SFS.M	R265858.D	SS25-020B 125 mL		DEF	NA
	ITO15-LLSTD010	TO15_SFS.M	R265859.D	SS25-020B 250 mL		DEF	NA
	ITO15-LLSTD020	TO15_SFS.M	R265860.D	SS25-020A 50 mL		DEF	NA
	ITO15-LLSTD050	TO15_SFS.M	R265861.D	SS25-020A 125 mL		DEF	NA
	ITO15-LLSTD100	TO15_SFS.M	R265862.D	SS25-020A 250 mL	LL ONLY	DEF	NA
	BA26091701	TO15_SFS.M	R265863.D	250ML			NA
	Pause	TO15_SFS.M					NA

Alpha Analytical Air Lab
Instrument Run Log

	BA26091702	TO15_SFS.M	R265864.D	250ML			NA
	CTO15-LLSTD010	TO15_SFS.M	R265865.D	SS25-032A 250 mL	LL ICV	DEF-ICV	NA
	CTO15-SIMSTD5.0	TO15_SFS.M	R265866.D	SS25-032A 125 mL	SIM ICV	DEF-ICV	NA

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRLAB26

Internal Standard/Surrogate IDs: SS24-016 / SS24-017

Date: 10/19/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: DJR

Sequence Name 251019.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	TA26101201	TO15_SFS.M	R266201.D	250 mL	TUNE		NA
2	CA26101201	TO15_SFS.M	R266202.D	SS25-030I 250 mL	CC		NA
3	CTO15-LLSTD010	TO15_SFS.M	R266203.D	SS25-032A 250 mL	LL LCS	REPORT HITS OF T13DCP VIA SIM	NA
3	CTO15-SIMSTD5.0	TO15_SFS.M	R266204.D	SS25-032A 125 mL	SIM LCS		NA
	PAUSE						NA
1	BA26101201	TO15_SFS.M	R266205.D	250mL	LL BLANK		NA
1	BA26101202	TO15_SFS.M	R266206.D	250mL	SIM BLANK		NA
1	L2566057-05,3,250,250	TO15_SFS.M	R266207.D	WG2129876,ICAL22711		NY+NAPH-7SIM	Y
2	L2566081-03,3,250,250	TO15_SFS.M	R266208.D	WG2129876,ICAL22711		NY+NAPH-7SIM	Y
3	L2565460-11,3,250,250	TO15_SFS.M	R266209.D	WG2129876,ICAL22711		NY+NAPH	Y
4	L2566081-02,3,250,250	TO15_SFS.M	R266210.D	WG2129876,ICAL22711		NY+NAPH-7SIM	Y
5	L2566057-02,3,250,250	TO15_SFS.M	R266211.D	WG2129876,ICAL22711		NY+NAPH-7SIM	Y
6	L2566057-04,3,250,250	TO15_SFS.M	R266212.D	WG2129876,ICAL22711		NY+NAPH-7SIM	Y
6	L2566057-04DUP,3,250,250	TO15_SFS.M	R266213.D	WG2129876,ICAL22711	LL/SIM DUP	NY+NAPH-7SIM	Y
7	L2566057-01D,3,25,250	TO15_SFS.M	R266214.D	WG2129876,ICAL22711	T	NY+NAPH	Y
8	L2566057-03D,3,50,250	TO15_SFS.M	R266215.D	WG2129876,ICAL22711	T	NY+NAPH	Y
9	L2566081-01,3,250,250	TO15_SFS.M	R266216.D	WG2129876,ICAL22711		NY+NAPH	Y
10	L2565201-01D,3,12.46,250	TO15_SFS.M	R266217.D	WG2129876,ICAL22711	T	NY+NAPH	Y
11	L2566043-01,3,250,250	TO15_SFS.M	R266218.D	WG2129876,ICAL22711		NY+NAPH	Y

Alpha Analytical Air Lab
Instrument Run Log

12	L2566043-02,3,250,250	TO15_SFS.M	R266219.D	WG2129876,ICAL22711		NY+NAPH	Y
13	L2565378-01D,3,9.83,250	TO15_SFS.M	R266220.D	WG2129876,ICAL22711	T	NY+NAPH	Y
14	L2565378-02D,3,70,250	TO15_SFS.M	R266221.D	WG2129876,ICAL22711	T	NY+NAPH	Y
15	L2565378-03D,3,3.65,250	TO15_SFS.M	R266222.D	WG2129876,ICAL22711	T	NY+NAPH	Y
16	L2565378-04D,3,70,250	TO15_SFS.M	R266223.D	WG2129876,ICAL22711	T	NY+NAPH	Y

Alpha Analytical, Inc.
Canister Dilution Worksheet

	NJDEP Required Information							Pressurization Dilution				Can Dilution				Instrument Dilution					
Sample ID	Can size, L	$P_{1,}$ in Hg	$P_{1,}$ atm	$V_{1,}$ L	$P_{2,}$ in Hg	$P_{2,}$ atm	$V_{2,}$ L	$P_{1,}$ psia	$P_{2,}$ psia	Dilution factor	Gas Used*	Volume injected, mL	Final Pressure, psia	Volume of Dilution Gas in Can, L	Can dilution factor	Volume of Bag or Can Analyzed, mL	Instrument Dilution Factor	Final Dilution Factor **	Final Volume Injected, mL ***	Analyst Initials
L2565378-01D	2.7	-0.35	0.99	2.67	30.27	2.01	5.43	14.5	29.5	2.03	N2	1000	14.7	1.00	1.00	20	12.50	25.43	9.83	BJB
L2565378-03D	2.7	-7.90	0.74	1.99	30.27	2.01	5.43	10.8	29.5	2.73	N2	200	29.4	2.00	10.02	100	2.50	68.43	3.65	BJB

Barcode	SAMPLE ID SCANS
	I2565378-01x
	I2565378-03x

*N2 = Nitrogen and H2= Hydrogen

** Dilution factor on this spreadsheet may differ from reported dilution factor (calculated by LIMs) due to different rounding rules

*** Reported to 2 decimal places unless 0.01 or less; then 3 decimal places are reported

Analyst data input fields

Analyst Comments:

in Hg = ((psia/14.67)*29.94)-29.94 atm =psia/14.67 psig=psia - 14.67 psia = dilution instrument reading

Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2577844

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Project Name: 1885 ATLANTIC
Project Number: 205125

Lab Number: L2577844
Report Date: 12/12/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2577844-01	SVE-INF	SOIL_VAPOR	BROOKLYN, NY	12/08/25 10:45	12/08/25
L2577844-02	SVE-EFF	SOIL_VAPOR	BROOKLYN, NY	12/08/25 10:50	12/08/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Volatile Organics in Air

L2577844-01D and -02: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2577844-01D and -02: Samples were transferred from a Tedlar bag into a fused silica lined canister upon receipt in order to extend the holding time for analysis.

The WG2152814-3 LCS recoveries for tert-butyl alcohol (61%) are below the 70%-130% acceptance limit. Detections for these anaytes may be biased low.

The WG2152814-3 LCS recovery associated with L2577844-01D and -02D is above the upper 130% acceptance limit for trans-1,3-dichloropropene (143%). All samples associated with this LCS do not have reportable amounts of this analyte.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J Anderson Report Date: 12/12/25

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

ND or U - Not detected at the reporting limit (RL) for the sample.

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Pace Job Number : L2577844

Account Name : Haley & Aldrich
Project Number : 205125
Project Name : 1885 ATLANTIC

Received : 08-DEC-2025
Reviewer : Christopher J Anderson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Dec 12 2025, 05:36 pm

Login Number: L2577844
Account: HALEY-NYC Haley & AldrichProject: 205125
Received: 08DEC25 Due Date: 15DEC25

Sample #	Client ID	Mat	PR	Collected
L2577844-01	SVE-INF	11	S0	08DEC25 10:45
| ASP-B Package Due Date: 12/15/25				
ASP-B,TEDLAR-POLY5,TO15-LL				
L2577844-02	SVE-EFF	11	S0	08DEC25 10:50
| Package Due Date: 12/15/25				
TEDLAR-POLY5,TO15-LL				

Logged By: Christopher J Anderson

AIR ANALYSIS

PAGE 1 OF 1

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 12/9/25

Pace® Job #: L2507844

Client Information

Client: Haley & Aldrich
Address: 213 west 35th Street
New York, NY
Phone: 862-377-3587
Fax:
Email: mfarshey@haleyaldrich.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: 1885 Atlantic
Project Location: Brooklyn, NY
Project #: 205125
Project Manager: Matt Levy
Pace® Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
7844-01	SVE-INF	12/8/25	1045				SV	MF				X					Tedlar bag
-02	SVE-EFF	12/8/25	1050				SV	MF				X					Tedlar bag

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Matt	12/8/25	Omar Pace	12-8-25 12:40
Omar Pace	12-8-25 15:50	Paul Magella	12/8/25 1700
Paul Magella	12/8/25		12-8-25 2140
Chris Pace	12/9/25 0105		12/9/25 0105

Form No: 101-02 Rev: (25-Sep-15)

Organics

Volatile Organics in Air
TO-15 Low Level

Volatiles QC Summary

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2577844
Project Name	: 1885 ATLANTIC	**Project Number**	: 205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2152814-3	**Analysis Date** : 12/11/25 15:40	**File ID** : R237278
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
Dichlorodifluoromethane	10	10.3	103				-	70-130	-
Chloromethane	10	10.6	106				-	70-130	-
Freon-114	10	11.1	111				-	70-130	-
Vinyl chloride	10	10.9	109				-	70-130	-
1,3-Butadiene	10	10.9	109				-	70-130	-
Bromomethane	10	11.2	112				-	70-130	-
Chloroethane	10	11.2	112				-	70-130	-
Ethanol	50	40.1	80				-	40-160	-
Vinyl bromide	10	9.89	99				-	70-130	-
Acetone	50	49.5	99				-	40-160	-
Trichlorofluoromethane	10	9.32	93				-	70-130	-
Isopropanol	25	20.3	81				-	40-160	-
1,1-Dichloroethene	10	11.0	110				-	70-130	-
Tertiary butyl Alcohol	10	6.13	61 Q				-	70-130	-
Methylene chloride	10	9.94	99				-	70-130	-
3-Chloropropene	10	9.80	98				-	70-130	-
Carbon disulfide	10	10.2	102				-	70-130	-
Freon-113	10	9.44	94				-	70-130	-
trans-1,2-Dichloroethene	10	10.3	103				-	70-130	-
1,1-Dichloroethane	10	10.2	102				-	70-130	-
Methyl tert butyl ether	10	9.73	97				-	70-130	-
2-Butanone	10	9.93	99				-	70-130	-
cis-1,2-Dichloroethene	10	10.2	102				-	70-130	-
Ethyl Acetate	10	10.9	109				-	70-130	-
Chloroform	10	9.56	96				-	70-130	-
Tetrahydrofuran	10	10.2	102				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2577844
Project Name	: 1885 ATLANTIC	**Project Number**	: 205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2152814-3	**Analysis Date** : 12/11/25 15:40	**File ID** : R237278
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dichloroethane	10	9.66	97				-	70-130	-
n-Hexane	10	12.4	124				-	70-130	-
1,1,1-Trichloroethane	10	10.6	106				-	70-130	-
Benzene	10	11.6	116				-	70-130	-
Carbon tetrachloride	10	10.3	103				-	70-130	-
Cyclohexane	10	12.2	122				-	70-130	-
1,2-Dichloropropane	10	12.4	124				-	70-130	-
Bromodichloromethane	10	12.0	120				-	70-130	-
1,4-Dioxane	10	11.8	118				-	70-130	-
Trichloroethene	10	10.2	102				-	70-130	-
2,2,4-Trimethylpentane	10	12.5	125				-	70-130	-
Heptane	10	12.2	122				-	70-130	-
cis-1,3-Dichloropropene	10	12.9	129				-	70-130	-
4-Methyl-2-pentanone	10	11.9	119				-	70-130	-
trans-1,3-Dichloropropene	10	14.3	143 Q				-	70-130	-
1,1,2-Trichloroethane	10	11.3	113				-	70-130	-
Toluene	10	11.0	110				-	70-130	-
2-Hexanone	10	11.3	113				-	70-130	-
Dibromochloromethane	10	11.0	110				-	70-130	-
1,2-Dibromoethane	10	11.4	114				-	70-130	-
Tetrachloroethene	10	9.47	95				-	70-130	-
Chlorobenzene	10	10.8	108				-	70-130	-
Ethylbenzene	10	11.0	110				-	70-130	-
p/m-Xylene	20	22.2	111				-	70-130	-
Bromoform	10	9.97	100				-	70-130	-
Styrene	10	11.0	110				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2577844
Project Name	: 1885 ATLANTIC	**Project Number**	: 205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2152814-3	**Analysis Date** : 12/11/25 15:40	**File ID** : R237278
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
1,1,2,2-Tetrachloroethane	10	11.8	118				-	70-130	-
o-Xylene	10	11.2	112				-	70-130	-
4-Ethyltoluene	10	11.3	113				-	70-130	-
1,3,5-Trimethylbenzene	10	11.5	115				-	70-130	-
1,2,4-Trimethylbenzene	10	11.9	119				-	70-130	-
Benzyl chloride	10	10.4	104				-	70-130	-
1,3-Dichlorobenzene	10	11.7	117				-	70-130	-
1,4-Dichlorobenzene	10	12.3	123				-	70-130	-
1,2-Dichlorobenzene	10	11.9	119				-	70-130	-
1,2,4-Trichlorobenzene	10	11.2	112				-	70-130	-
Naphthalene	10	10.4	104				-	70-130	-
Hexachlorobutadiene	10	10.4	104				-	70-130	-

Method Blank Summary
Form 4
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2577844
Project Name	: 1885 ATLANTIC	**Project Number**	: 205125
Lab Sample ID	: WG2152814-4	**Lab File ID**	: R237280
Instrument ID	: AIRLAB23		
Matrix	: AIR	**Analysis Date**	: 12/11/25 19:28

Client Sample No.	Lab Sample ID	Analysis Date
WG2152814-3LCS	WG2152814-3	12/11/25 15:40
IA-05_20251209DUP	WG2152814-5	12/12/25 01:41
SVE-INF	L2577844-01D	12/12/25 09:30
SVE-EFF	L2577844-02D	12/12/25 10:06

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2577844
Project Name	: 1885 ATLANTIC	**Project Number**	: 205125
Instrument ID	: AIRLAB23	**Analysis Date**	: 11/21/25 20:09
Tune Standard	: WG2145605-1	**Tune File ID**	: R236980_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	15.7
75	30.0 - 66.0% of mass 95	47.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.8 (.8)1
174	50.0 - 120.0% of mass 95	104
175	4.0 - 9.0% of mass 174	7.5 (7.2)1
176	93.0 - 101% of mass 174	101.8 (97.9)1
177	5.0 - 9.0% of mass 176	6.5 (6.4)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.2	R2039932-2	R236984	11/21/25 22:35
STD0.5	R2039932-1	R236985	11/21/25 23:14
STD1.0	R2039932-3	R236986	11/21/25 23:55
STD5.0	R2039932-4	R236987	11/22/25 00:33
STD010	R2039932-5	R236988	11/22/25 01:14
STD020	R2039932-6	R236989	11/22/25 01:52
STD050	R2039932-7	R236990	11/22/25 02:30
STD100	R2039932-8	R236991	11/22/25 03:11
ICV QUANT	R2039932-9	R236994	11/22/25 05:16

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2577844
Project Name	: 1885 ATLANTIC	**Project Number**	: 205125
Instrument ID	: AIRLAB23	**Analysis Date**	: 12/11/25 13:39
Tune Standard	: WG2152814-1	**Tune File ID**	: R237275_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	17.3
75	30.0 - 66.0% of mass 95	50.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	1 (1)1
174	50.0 - 120.0% of mass 95	91.5
175	4.0 - 9.0% of mass 174	7 (7.7)1
176	93.0 - 101% of mass 174	90.4 (98.7)1
177	5.0 - 9.0% of mass 176	5.9 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2152814-2CCAL	WG2152814-2	R237278	12/11/25 15:40
WG2152814-3LCS	WG2152814-3	R237278	12/11/25 15:40
WG2152814-4BLANK	WG2152814-4	R237280	12/11/25 19:28
WG2152814-5DUP	WG2152814-5	R237289	12/12/25 01:41
SVE-INF	L2577844-01D	R237301	12/12/25 09:30
SVE-EFF	L2577844-02D	R237302	12/12/25 10:06

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2577844
Project Name	: 1885 ATLANTIC	**Project Number**	: 205125
Instrument ID	: AIRLAB23	**Analysis Date**	: 12/11/25 15:40:00
Sample No	: WG2152814-2	**Lab File ID**	: R237278

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG2152814-2	166247	8.87	589128	11.06	84733	15.74
Upper Limit	232746	9.20	824779	11.39	118626	16.07
Lower Limit	99748	8.54	353477	10.73	50840	15.41
Sample ID						
WG2152814-3 LCS	166247	8.87	589128	11.06	84733	15.74
WG2152814-4 BLANK	174725	8.87	650006	11.05	94036	15.74
IA-05_20251209 DUP	147343	8.88	530390	11.06	76022	15.73
SVE-INF	159859	8.88	598692	11.06	92250	15.73
SVE-EFF	172479	8.87	643538	11.05	93998	15.74

Area Upper Limit = +40% of internal standard area
Area Lower Limit = - 40% of internal standard area

RT Upper Limit = +0.33 minutes of internal standard RT
RT Lower Limit = -0.33 minutes of internal standard RT

* Values outside of QC limits

Date Created: 04/17/25
Created By: Jason Hebert
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Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,1,1-Trichloroethane	71-55-6	0.2	0.0614	ppbV	70-130			25	25			
1,1,2,2-Tetrachloroethane	79-34-5	0.2	0.052	ppbV	70-130			25	25			
1,1,2-Trichloroethane	79-00-5	0.2	0.0582	ppbV	70-130			25	25			
1,1-Dichloroethane	75-34-3	0.2	0.0568	ppbV	70-130			25	25			
1,1-Dichloroethene	75-35-4	0.2	0.0568	ppbV	70-130			25	25			
1,2,3-Trimethylbenzene	526-73-8	0.2	0.0576	ppbV	70-130			25	25			
1,2,4-Trichlorobenzene	120-82-1	0.2	0.1	ppbV	70-130			25	25			
1,2,4-Trimethylbenzene	95-63-6	0.2	0.0577	ppbV	70-130			25	25			
1,2,4,5-Tetramethylbenzene	95-93-2	0.2	0.135	ppbV	70-130			25	25			
1,2-Dibromoethane	106-93-4	0.2	0.0544	ppbV	70-130			25	25			
1,2-Dichlorobenzene	95-50-1	0.2	0.0619	ppbV	70-130			25	25			
1,2-Dichloroethane	107-06-2	0.2	0.0787	ppbV	70-130			25	25			
1,2-Dichloropropane	78-87-5	0.2	0.0631	ppbV	70-130			25	25			
1,3,5-Trimethylbenzene	108-67-8	0.2	0.06	ppbV	70-130			25	25			
1,3-Butadiene	106-99-0	0.2	0.0619	ppbV	70-130			25	25			
1,3-Dichlorobenzene	541-73-1	0.2	0.0777	ppbV	70-130			25	25			
1,4-Dichlorobenzene	106-46-7	0.2	0.0826	ppbV	70-130			25	25			
1,4-Dioxane	123-91-1	0.2	0.0538	ppbV	70-130			25	25			
2,2,4-Trimethylpentane	540-84-1	0.2	0.0692	ppbV	70-130			25	25			
2-Butanone	78-93-3	0.5	0.099	ppbV	70-130			25	25			
2-Hexanone	591-78-6	0.2	0.0912	ppbV	70-130			25	25			
2-Methylthiophene	554-14-3	0.2	0.0622	ppbV	70-130			25	25			
3-Methylthiophene	616-44-4	0.2	0.0634	ppbV	70-130			25	25			
3-Chloropropene	107-05-1	0.2	0.086	ppbV	70-130			25	25			
2-Ethylthiophene	872-55-9	0.2	0.0612	ppbV	70-130			25	25			
4-Ethyltoluene	622-96-8	0.2	0.0554	ppbV	70-130			25	25			
Acetone	67-64-1	1	0.515	ppbV	40-160			25	25			
Benzene	71-43-2	0.2	0.0643	ppbV	70-130			25	25			
Benzyl chloride	100-44-7	0.2	0.0939	ppbV	70-130			25	25			
Benzothiophene	95-15-8	0.5	0.273	ppbV	70-130			25	25			
Bromodichloromethane	75-27-4	0.2	0.0689	ppbV	70-130			25	25			
Bromoform	75-25-2	0.2	0.0596	ppbV	70-130			25	25			
Bromomethane	74-83-9	0.2	0.0547	ppbV	70-130			25	25			
Carbon disulfide	75-15-0	0.2	0.0465	ppbV	70-130			25	25			
Carbon tetrachloride	56-23-5	0.2	0.0686	ppbV	70-130			25	25			
Chlorobenzene	108-90-7	0.2	0.0516	ppbV	70-130			25	25			
Chloroethane	75-00-3	0.2	0.0649	ppbV	70-130			25	25			
Chloroform	67-66-3	0.2	0.0552	ppbV	70-130			25	25			
Chloromethane	74-87-3	0.2	0.0576	ppbV	70-130			25	25			
cis-1,2-Dichloroethene	156-59-2	0.2	0.0595	ppbV	70-130			25	25			
cis-1,3-Dichloropropene	10061-01-5	0.2	0.0674	ppbV	70-130			25	25			
Cyclohexane	110-82-7	0.2	0.0728	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibromochloromethane	124-48-1	0.2	0.0566	ppbV	70-130			25	25			
Dichlorodifluoromethane	75-71-8	0.2	0.0757	ppbV	70-130			25	25			
Ethyl Alcohol	GCDAI06	5	1.74	ppbV	40-160			25	25			
Ethyl Acetate	141-78-6	0.5	0.297	ppbV	70-130			25	25			
Ethylbenzene	100-41-4	0.2	0.0575	ppbV	70-130			25	25			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	0.2	0.0506	ppbV	70-130			25	25			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	0.2	0.0504	ppbV	70-130			25	25			
Hexachlorobutadiene	87-68-3	0.2	0.0607	ppbV	70-130			25	25			
iso-Propyl Alcohol	67-63-0	1	0.272	ppbV	40-160			25	25			
Methylene chloride	75-09-2	0.5	0.125	ppbV	70-130			25	25			
4-Methyl-2-pentanone	108-10-1	0.5	0.19	ppbV	70-130			25	25			
Methyl tert butyl ether	1634-04-4	0.2	0.045	ppbV	70-130			25	25			
Methyl Methacrylate	80-62-6	0.5	0.226	ppbV	40-160			25	25			
p/m-Xylene	179601-23-1	0.4	0.125	ppbV	70-130			25	25			
o-Xylene	95-47-6	0.2	0.0621	ppbV	70-130			25	25			
Xylene (Total)	1330-20-7	0.2	0.0621	ppbV				25	25			
Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Hexane	110-54-3	0.2	0.0743	ppbV	70-130			25	25			
Propylene	115-07-1	0.5	0.135	ppbV	70-130			25	25			
Styrene	100-42-5	0.2	0.0596	ppbV	70-130			25	25			
Tetrachloroethene	127-18-4	0.2	0.0627	ppbV	70-130			25	25			
Thiophene	110-02-1	0.2	0.052	ppbV	70-130			25	25			
Tetrahydrofuran	109-99-9	0.5	0.117	ppbV	70-130			25	25			
Toluene	108-88-3	0.2	0.0867	ppbV	70-130			25	25			
trans-1,2-Dichloroethene	156-60-5	0.2	0.0755	ppbV	70-130			25	25			
1,2-Dichloroethene (total)	540-59-0	0.2	0.0595	ppbV				25	25			
trans-1,3-Dichloropropene	10061-02-6	0.2	0.0783	ppbV	70-130			25	25			
1,3-Dichloropropene, Total	542-75-6	0.2	0.0674	ppbV				25	25			
Trichloroethene	79-01-6	0.2	0.0548	ppbV	70-130			25	25			
Trichlorofluoromethane	75-69-4	0.2	0.0787	ppbV	70-130			25	25			
Vinyl acetate	108-05-4	1	0.323	ppbV	70-130			25	25			
Vinyl bromide	593-60-2	0.2	0.0722	ppbV	70-130			25	25			
Vinyl chloride	75-01-4	0.2	0.0582	ppbV	70-130			25	25			
Naphthalene	91-20-3	0.19	0.059	ppbV	70-130			25	25			
Total HC As Hexane	NONE	10	0.0743	ppbV	70-130			25	25			
Total VOCs As Toluene	NONE	10	0.0867	ppbV	70-130			25	25			
Propane	74-98-6	0.5	0.152	ppbV	70-130			25	25			
Acrylonitrile	107-13-1	0.5	0.0894	ppbV	70-130			25	25			
Acrolein	107-02-8	0.5	0.149	ppbV	60-113			25	25			
1,1,1,2-Tetrachloroethane	630-20-6	0.2	0.0508	ppbV	70-130			25	25			
Isopropylbenzene	98-82-8	0.2	0.0621	ppbV	70-130			25	25			

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Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,2,3-Trichloropropane	96-18-4	0.2	0.0575	ppbV	70-130			25	25			
Acetonitrile	75-05-8	0.2	0.101	ppbV	70-130			25	25			
Bromobenzene	108-86-1	0.2	0.0579	ppbV	70-130			25	25			
Chlorodifluoromethane	75-45-6	0.2	0.0463	ppbV	70-130			25	25			
Dichlorofluoromethane	75-43-4	0.2	0.112	ppbV	70-130			25	25			
Dibromomethane	74-95-3	0.2	0.0598	ppbV	70-130			25	25			
Pentane	109-66-0	0.2	0.113	ppbV	70-130			25	25			
Octane	111-65-9	0.2	0.0676	ppbV	70-130			25	25			
Tertiary-Amyl Methyl Ether	994-05-8	0.2	0.0672	ppbV	70-130			25	25			
o-Chlorotoluene	95-49-8	0.2	0.0761	ppbV	70-130			25	25			
p-Chlorotoluene	106-43-4	0.2	0.0765	ppbV	70-130			25	25			
2,2-Dichloropropane	594-20-7	0.2	0.0429	ppbV	70-130			25	25			
1,1-Dichloropropene	563-58-6	0.2	0.0593	ppbV	70-130			25	25			
Isopropyl Ether	108-20-3	0.2	0.0631	ppbV	70-130			25	25			
Ethyl-Tert-Butyl-Ether	637-92-3	0.2	0.0731	ppbV	70-130			25	25			
1,2,3-Trichlorobenzene	87-61-6	0.2	0.0738	ppbV	70-130			25	25			
Ethyl ether	60-29-7	0.2	0.0853	ppbV	70-130			25	25			
n-Butylbenzene	104-51-8	0.2	0.0536	ppbV	70-130			25	25			
sec-Butylbenzene	135-98-8	0.2	0.0547	ppbV	70-130			25	25			
tert-Butylbenzene	98-06-6	0.2	0.0551	ppbV	70-130			25	25			
1,2-Dibromo-3-chloropropane	96-12-8	0.2	0.0624	ppbV	70-130			25	25			
p-Isopropyltoluene	99-87-6	0.2	0.0567	ppbV	70-130			25	25			
n-Propylbenzene	103-65-1	0.2	0.0633	ppbV	70-130			25	25			
1,3-Dichloropropane	142-28-9	0.2	0.0536	ppbV	70-130			25	25			
Methanol	67-56-1	5	3.029	ppbV	70-130			25	25			
Acetaldehyde	75-07-0	2.5	1.73	ppbV	70-130			25	25			
Butane	106-97-8	0.2	0.08	ppbV	70-130			25	25			
Nonane (C9)	111-84-2	0.2	0.0737	ppbV	70-130			25	25			
Decane (C10)	124-18-5	0.2	0.0697	ppbV	70-130			25	25			
Undecane	1120-21-4	0.2	0.0709	ppbV	70-130			25	25			
Indane	496-11-7	0.2	0.0591	ppbV	70-130			25	25			
Indene	95-13-6	0.2	0.0711	ppbV	70-130			25	25			
1-Methylnaphthalene	90-12-0	1	0.264	ppbV	70-130			25	25			
Dodecane (C12)	112-40-3	0.2	0.0891	ppbV	70-130			25	25			
Butyl Acetate	123-86-4	0.5	0.208	ppbV	70-130			25	25			
tert-Butyl Alcohol	75-65-0	0.5	0.132	ppbV	70-130			25	25			
2-Methylnaphthalene	91-57-6	1	0.259	ppbV	70-130			25	25			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
Bromofluorobenzene	*460-00-4*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2577844
Project Name	: 1885 ATLANTIC	Project Number	: 205125
Lab ID	: L2577844-01D	Date Collected	: 12/08/25 10:45
Client ID	: SVE-INF	Date Received	: 12/08/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 12/12/25 09:30
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 22.34
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237301	Instrument ID	: AIRLAB23
Sample Amount	: 11.2 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	4.47	--	ND	22.1	--	U
74-87-3	Chloromethane	ND	4.47	--	ND	9.23	--	U
76-14-2	Freon-114	ND	4.47	--	ND	31.2	--	U
75-01-4	Vinyl chloride	ND	4.47	--	ND	11.4	--	U
106-99-0	1,3-Butadiene	ND	4.47	--	ND	9.89	--	U
74-83-9	Bromomethane	ND	4.47	--	ND	17.4	--	U
75-00-3	Chloroethane	ND	4.47	--	ND	11.8	--	U
64-17-5	Ethanol	760	112	--	1430	211	--	
593-60-2	Vinyl bromide	ND	4.47	--	ND	19.5	--	U
67-64-1	Acetone	ND	22.3	--	ND	53.0	--	U
75-69-4	Trichlorofluoromethane	ND	4.47	--	ND	25.1	--	U
67-63-0	Isopropanol	52.1	22.3	--	128	54.8	--	
75-35-4	1,1-Dichloroethene	ND	4.47	--	ND	17.7	--	U
75-65-0	Tertiary butyl Alcohol	ND	11.2	--	ND	34.0	--	U
75-09-2	Methylene chloride	ND	11.2	--	ND	38.9	--	U
107-05-1	3-Chloropropene	ND	4.47	--	ND	14.0	--	U
75-15-0	Carbon disulfide	ND	4.47	--	ND	13.9	--	U
76-13-1	Freon-113	ND	4.47	--	ND	34.3	--	U
156-60-5	trans-1,2-Dichloroethene	ND	4.47	--	ND	17.7	--	U
75-34-3	1,1-Dichloroethane	ND	4.47	--	ND	18.1	--	U
1634-04-4	Methyl tert butyl ether	ND	4.47	--	ND	16.1	--	U
78-93-3	2-Butanone	ND	11.2	--	ND	33.0	--	U
156-59-2	cis-1,2-Dichloroethene	ND	4.47	--	ND	17.7	--	U
141-78-6	Ethyl Acetate	ND	11.2	--	ND	40.4	--	U
67-66-3	Chloroform	ND	4.47	--	ND	21.8	--	U
109-99-9	Tetrahydrofuran	ND	11.2	--	ND	33.0	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2577844
Project Name	: 1885 ATLANTIC	Project Number	: 205125
Lab ID	: L2577844-01D	Date Collected	: 12/08/25 10:45
Client ID	: SVE-INF	Date Received	: 12/08/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 12/12/25 09:30
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 22.34
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237301	Instrument ID	: AIRLAB23
Sample Amount	: 11.2 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	4.47	--	ND	18.1	--	U
110-54-3	n-Hexane	1590	4.47	--	5600	15.8	--	
71-55-6	1,1,1-Trichloroethane	ND	4.47	--	ND	24.4	--	U
71-43-2	Benzene	85.5	4.47	--	273	14.3	--	
56-23-5	Carbon tetrachloride	ND	4.47	--	ND	28.1	--	U
110-82-7	Cyclohexane	292	4.47	--	1010	15.4	--	
78-87-5	1,2-Dichloropropane	ND	4.47	--	ND	20.7	--	U
75-27-4	Bromodichloromethane	ND	4.47	--	ND	29.9	--	U
123-91-1	1,4-Dioxane	ND	4.47	--	ND	16.1	--	U
79-01-6	Trichloroethene	ND	4.47	--	ND	24.0	--	U
540-84-1	2,2,4-Trimethylpentane	1270	4.47	--	5930	20.9	--	
142-82-5	Heptane	494	4.47	--	2020	18.3	--	
10061-01-5	cis-1,3-Dichloropropene	ND	4.47	--	ND	20.3	--	U
108-10-1	4-Methyl-2-pentanone	ND	11.2	--	ND	45.9	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	4.47	--	ND	20.3	--	U
79-00-5	1,1,2-Trichloroethane	ND	4.47	--	ND	24.4	--	U
108-88-3	Toluene	208	4.47	--	784	16.8	--	
591-78-6	2-Hexanone	ND	4.47	--	ND	18.3	--	U
124-48-1	Dibromochloromethane	ND	4.47	--	ND	38.1	--	U
106-93-4	1,2-Dibromoethane	ND	4.47	--	ND	34.4	--	U
127-18-4	Tetrachloroethene	10.1	4.47	--	68.5	30.3	--	
108-90-7	Chlorobenzene	ND	4.47	--	ND	20.6	--	U
100-41-4	Ethylbenzene	21.3	4.47	--	92.5	19.4	--	
179601-23-1	p/m-Xylene	247	8.94	--	1070	38.8	--	
75-25-2	Bromoform	ND	4.47	--	ND	46.2	--	U
100-42-5	Styrene	ND	4.47	--	ND	19.0	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2577844
Project Name	: 1885 ATLANTIC	Project Number	: 205125
Lab ID	: L2577844-01D	Date Collected	: 12/08/25 10:45
Client ID	: SVE-INF	Date Received	: 12/08/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 12/12/25 09:30
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 22.34
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237301	Instrument ID	: AIRLAB23
Sample Amount	: 11.2 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.47	--	ND	30.7	--	U
95-47-6	o-Xylene	97.9	4.47	--	425	19.4	--	
622-96-8	4-Ethyltoluene	14.7	4.47	--	72.3	22.0	--	
108-67-8	1,3,5-Trimethylbenzene	32.8	4.47	--	161	22.0	--	
95-63-6	1,2,4-Trimethylbenzene	33.2	4.47	--	163	22.0	--	
100-44-7	Benzyl chloride	ND	4.47	--	ND	23.1	--	U
541-73-1	1,3-Dichlorobenzene	ND	4.47	--	ND	26.9	--	U
106-46-7	1,4-Dichlorobenzene	ND	4.47	--	ND	26.9	--	U
95-50-1	1,2-Dichlorobenzene	ND	4.47	--	ND	26.9	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	4.47	--	ND	33.2	--	U
91-20-3	Naphthalene	ND	4.24	--	ND	22.2	--	U
87-68-3	Hexachlorobutadiene	ND	4.47	--	ND	47.7	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2577844
Project Name	: 1885 ATLANTIC	Project Number	: 205125
Lab ID	: L2577844-02D	Date Collected	: 12/08/25 10:50
Client ID	: SVE-EFF	Date Received	: 12/08/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 12/12/25 10:06
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 3.333
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237302	Instrument ID	: AIRLAB23
Sample Amount	: 75.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.667	--	ND	3.30	--	U
74-87-3	Chloromethane	ND	0.667	--	ND	1.38	--	U
76-14-2	Freon-114	ND	0.667	--	ND	4.66	--	U
75-01-4	Vinyl chloride	ND	0.667	--	ND	1.71	--	U
106-99-0	1,3-Butadiene	ND	0.667	--	ND	1.48	--	U
74-83-9	Bromomethane	ND	0.667	--	ND	2.59	--	U
75-00-3	Chloroethane	ND	0.667	--	ND	1.76	--	U
64-17-5	Ethanol	65.5	16.7	--	123	31.5	--	
593-60-2	Vinyl bromide	ND	0.667	--	ND	2.92	--	U
67-64-1	Acetone	19.7	3.33	--	46.8	7.91	--	
75-69-4	Trichlorofluoromethane	ND	0.667	--	ND	3.75	--	U
67-63-0	Isopropanol	55.7	3.33	--	137	8.19	--	
75-35-4	1,1-Dichloroethene	ND	0.667	--	ND	2.64	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.67	--	ND	5.06	--	U
75-09-2	Methylene chloride	ND	1.67	--	ND	5.80	--	U
107-05-1	3-Chloropropene	ND	0.667	--	ND	2.09	--	U
75-15-0	Carbon disulfide	ND	0.667	--	ND	2.08	--	U
76-13-1	Freon-113	ND	0.667	--	ND	5.11	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--	U
75-34-3	1,1-Dichloroethane	ND	0.667	--	ND	2.70	--	U
1634-04-4	Methyl tert butyl ether	ND	0.667	--	ND	2.40	--	U
78-93-3	2-Butanone	ND	1.67	--	ND	4.93	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--	U
141-78-6	Ethyl Acetate	ND	1.67	--	ND	6.02	--	U
67-66-3	Chloroform	ND	0.667	--	ND	3.26	--	U
109-99-9	Tetrahydrofuran	ND	1.67	--	ND	4.93	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2577844
Project Name	: 1885 ATLANTIC	Project Number	: 205125
Lab ID	: L2577844-02D	Date Collected	: 12/08/25 10:50
Client ID	: SVE-EFF	Date Received	: 12/08/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 12/12/25 10:06
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 3.333
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237302	Instrument ID	: AIRLAB23
Sample Amount	: 75.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.667	--	ND	2.70	--	U
110-54-3	n-Hexane	132	0.667	--	465	2.35	--	
71-55-6	1,1,1-Trichloroethane	ND	0.667	--	ND	3.64	--	U
71-43-2	Benzene	14.8	0.667	--	47.3	2.13	--	
56-23-5	Carbon tetrachloride	ND	0.667	--	ND	4.20	--	U
110-82-7	Cyclohexane	29.2	0.667	--	101	2.30	--	
78-87-5	1,2-Dichloropropane	0.766	0.667	--	3.54	3.08	--	
75-27-4	Bromodichloromethane	ND	0.667	--	ND	4.47	--	U
123-91-1	1,4-Dioxane	ND	0.667	--	ND	2.40	--	U
79-01-6	Trichloroethene	ND	0.667	--	ND	3.58	--	U
540-84-1	2,2,4-Trimethylpentane	94.6	0.667	--	442	3.12	--	
142-82-5	Heptane	100	0.667	--	410	2.73	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--	U
108-10-1	4-Methyl-2-pentanone	1.70	1.67	--	6.97	6.84	--	
10061-02-6	trans-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.667	--	ND	3.64	--	U
108-88-3	Toluene	64.2	0.667	--	242	2.51	--	
591-78-6	2-Hexanone	ND	0.667	--	ND	2.73	--	U
124-48-1	Dibromochloromethane	ND	0.667	--	ND	5.68	--	U
106-93-4	1,2-Dibromoethane	ND	0.667	--	ND	5.13	--	U
127-18-4	Tetrachloroethene	1.37	0.667	--	9.29	4.52	--	
108-90-7	Chlorobenzene	ND	0.667	--	ND	3.07	--	U
100-41-4	Ethylbenzene	9.59	0.667	--	41.7	2.90	--	
179601-23-1	p/m-Xylene	143	1.33	--	621	5.78	--	
75-25-2	Bromoform	ND	0.667	--	ND	6.90	--	U
100-42-5	Styrene	ND	0.667	--	ND	2.84	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2577844
Project Name	: 1885 ATLANTIC	Project Number	: 205125
Lab ID	: L2577844-02D	Date Collected	: 12/08/25 10:50
Client ID	: SVE-EFF	Date Received	: 12/08/25
Sample Location	: BROOKLYN, NY	Date Analyzed	: 12/12/25 10:06
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 3.333
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237302	Instrument ID	: AIRLAB23
Sample Amount	: 75.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.667	--	ND	4.58	--	U
95-47-6	o-Xylene	60.8	0.667	--	264	2.90	--	
622-96-8	4-Ethyltoluene	8.92	0.667	--	43.9	3.28	--	
108-67-8	1,3,5-Trimethylbenzene	27.1	0.667	--	133	3.28	--	
95-63-6	1,2,4-Trimethylbenzene	32.5	0.667	--	160	3.28	--	
100-44-7	Benzyl chloride	ND	0.667	--	ND	3.45	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.667	--	ND	4.01	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.667	--	ND	4.01	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.667	--	ND	4.01	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.667	--	ND	4.95	--	U
91-20-3	Naphthalene	ND	0.633	--	ND	3.32	--	U
87-68-3	Hexachlorobutadiene	ND	0.667	--	ND	7.11	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2577844
Project Name	: 1885 ATLANTIC	Project Number	: 205125
Lab ID	: WG2152814-4	Date Collected	: NA
Client ID	: WG2152814-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/11/25 19:28
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237280	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2577844
Project Name	: 1885 ATLANTIC	Project Number	: 205125
Lab ID	: WG2152814-4	Date Collected	: NA
Client ID	: WG2152814-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/11/25 19:28
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237280	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2577844
Project Name	: 1885 ATLANTIC	Project Number	: 205125
Lab ID	: WG2152814-4	Date Collected	: NA
Client ID	: WG2152814-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/11/25 19:28
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237280	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237301.D
Acq On : 12 Dec 2025 09:30 am
Operator : AIRLAB23:APR
Sample : L2577844-01D,3,11.19,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 10:06:04 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.877	49	159859	10.000	ppbV	0.00
Standard Area = 166247			Recovery = 96.16%			
43) 1,4-difluorobenzene	11.064	114	598692	10.000	ppbV	0.00
Standard Area = 589128			Recovery = 101.62%			
67) chlorobenzene-D5	15.733	54	92250	10.000	ppbV	0.00
Standard Area = 84733			Recovery = 108.87%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.874	85	5088	0.118	ppbV	99
6) chloromethane	0.000		0	N.D.	d	
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	4.998	31	209793	34.038	ppbV	86
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.484	43	2847M6	0.182	ppbV	
21) trichlorofluoromethane	5.677		0	N.D.		
22) isopropyl alcohol	5.783	45	38331	2.333	ppbV	99
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	0.000		0	N.D.	d	
28) methylene chloride	6.510		0	N.D.		
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	6.818		0	N.D.		
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.	d	
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	0.000		0	N.D.		
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	8.950	61	1176	0.315	ppbV #	1
39) chloroform	9.023	83	1275	0.035	ppbV #	55
40) Tetrahydrofuran	0.000		0	N.D.	d	
42) 1,2-dichloroethane	0.000		0	N.D.	d	
44) hexane	8.950	57	1135448	71.348	ppbV #	4

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237301.D
Acq On : 12 Dec 2025 09:30 am
Operator : AIRLAB23:APR
Sample : L2577844-01D,3,11.19,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 10:06:04 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	10.132		0	N.D.		
50) benzene	10.649	78	167028	3.829	ppbV	99
52) carbon tetrachloride	10.819		0	N.D.		
53) cyclohexane	10.960	56	209254	13.097	ppbV	94
56) 1,2-dichloropropane	0.000		0	N.D. d		
57) bromodichloromethane	0.000		0	N.D. d		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	11.903	57	2800004	56.884	ppbV	97
62) heptane	12.214	43	334238	22.126	ppbV	96
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	12.928	43	10297M6	0.470	ppbV	
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D. d		
68) toluene	13.979	91	594554	9.310	ppbV	100
72) 2-hexanone	0.000		0	N.D. d		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.155	166	18132	0.453	ppbV	96
80) chlorobenzene	0.000		0	N.D. d		
81) ethylbenzene	16.108	91	77842	0.953	ppbV	99
83) m+p-xylene	16.256	91	686271	11.065	ppbV	98
84) bromoform	0.000		0	N.D.		
85) styrene	16.578		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D. d		
87) o-xylene	16.665	91	274800	4.384	ppbV	97
96) 4-ethyl toluene	17.675	105	54337M6	0.659	ppbV	
97) 1,3,5-trimethylbenzene	17.744	105	102090	1.470	ppbV	99
99) 1,2,4-trimethylbenzene	18.078	105	110269	1.486	ppbV #	54
101) Benzyl Chloride	0.000		0	N.D. d		
102) 1,3-dichlorobenzene	0.000		0	N.D.		
103) 1,4-dichlorobenzene	0.000		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
116) naphthalene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237301.D
Acq On : 12 Dec 2025 09:30 am
Operator : AIRLAB23:APR
Sample : L2577844-01D,3,11.19,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 10:06:04 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

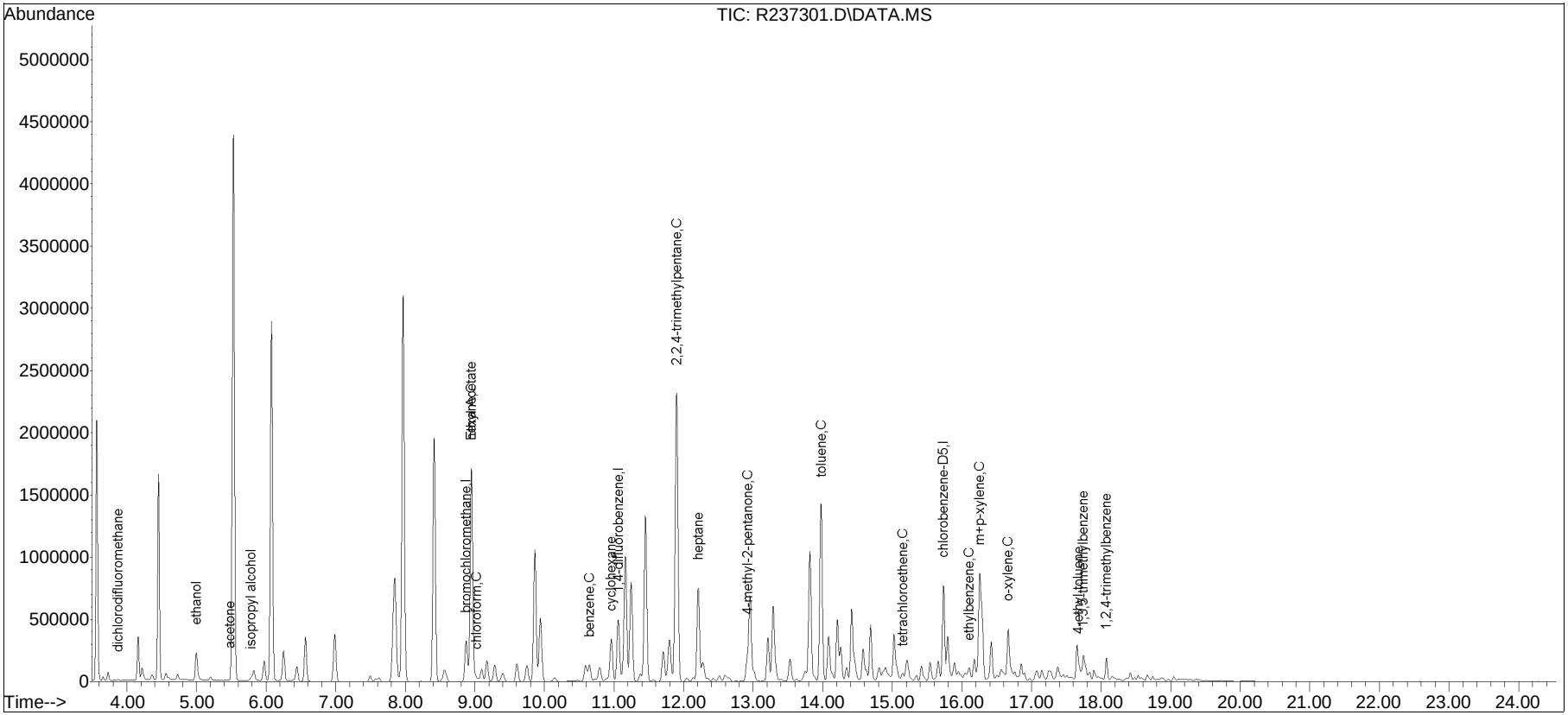
CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+Naphthalene - .

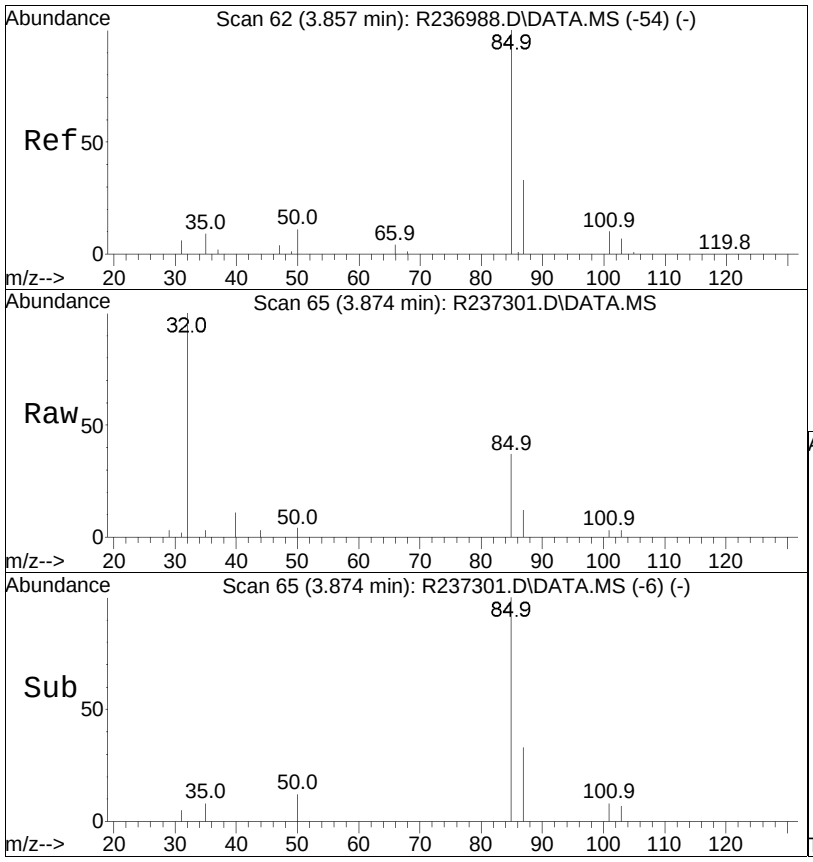
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\12\1211T\R237278.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237301.D
Acq On : 12 Dec 2025 09:30 am
Operator : AIRLAB23:APR
Sample : L2577844-01D,3,11.19,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 10:06:04 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

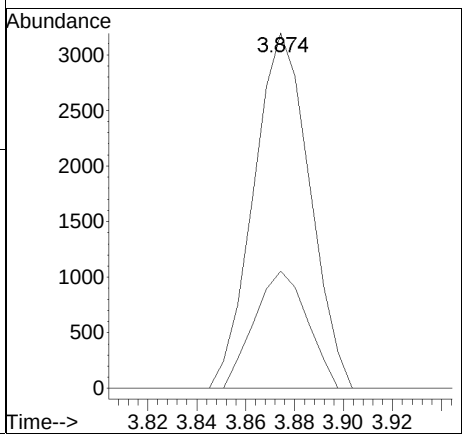


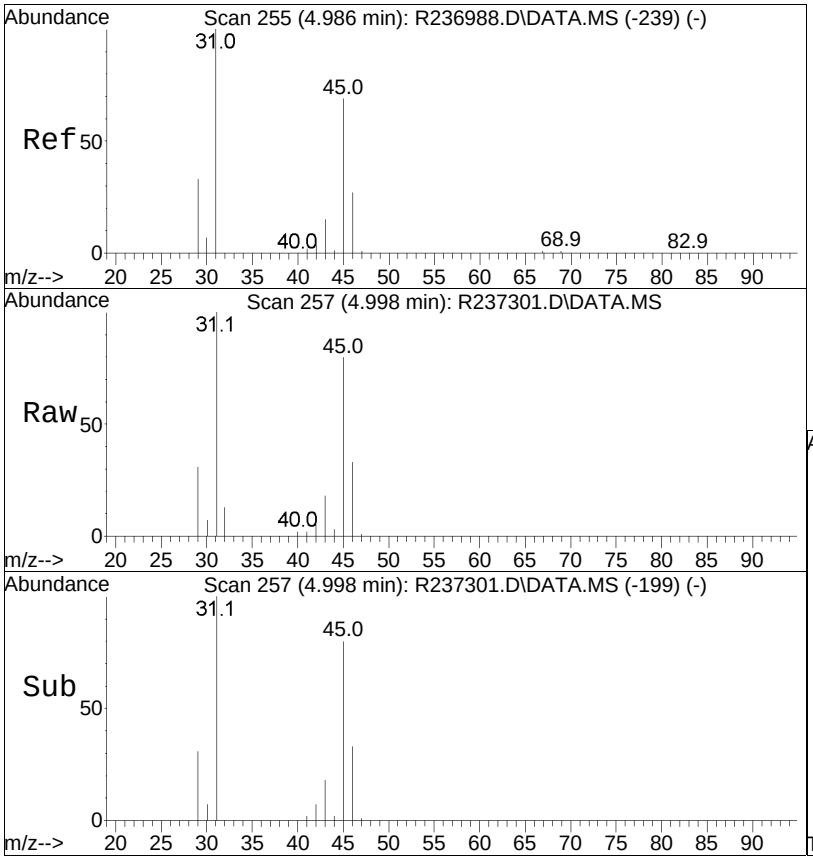


#5
dichlorodifluoromethane
Concen: 0.12 ppbV
RT: 3.874 min Scan# 65
Delta R.T. 0.018 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 85 Resp: 5088

Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.8	40.2

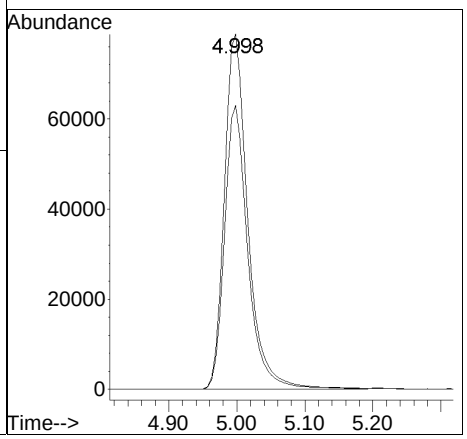


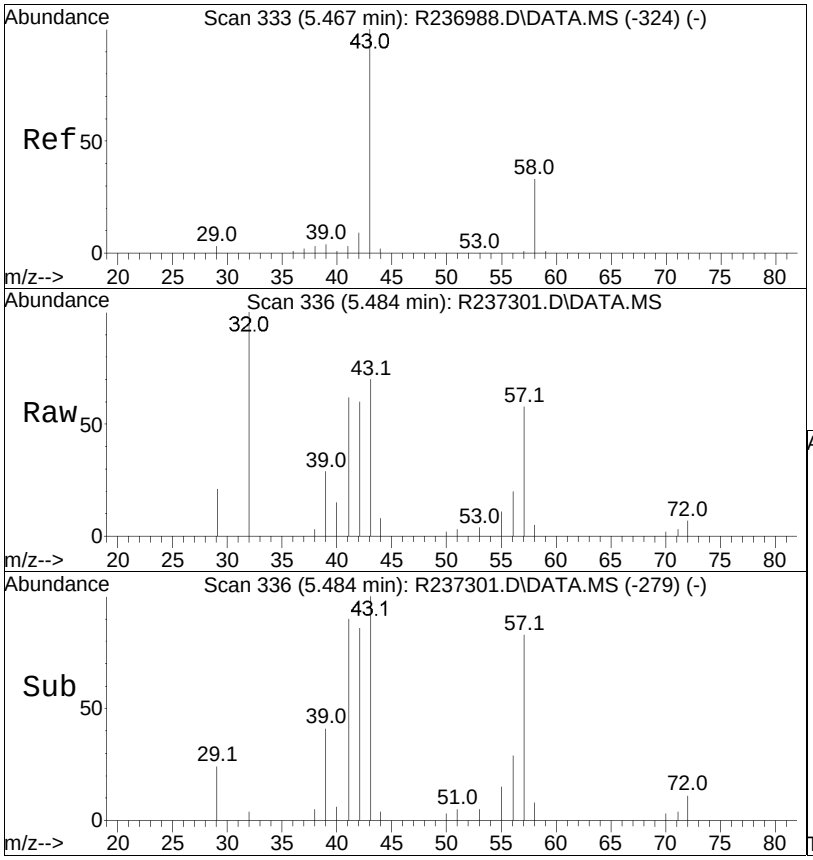


#15
ethanol
Concen: 34.04 ppbV
RT: 4.998 min Scan# 257
Delta R.T. 0.012 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 31 Resp: 209793

Ion	Ratio	Lower	Upper
31	100		
45	79.9	55.0	82.6

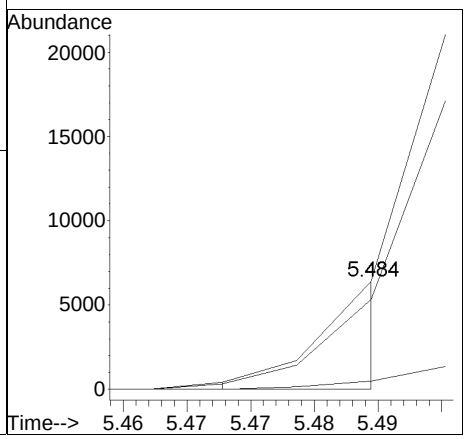


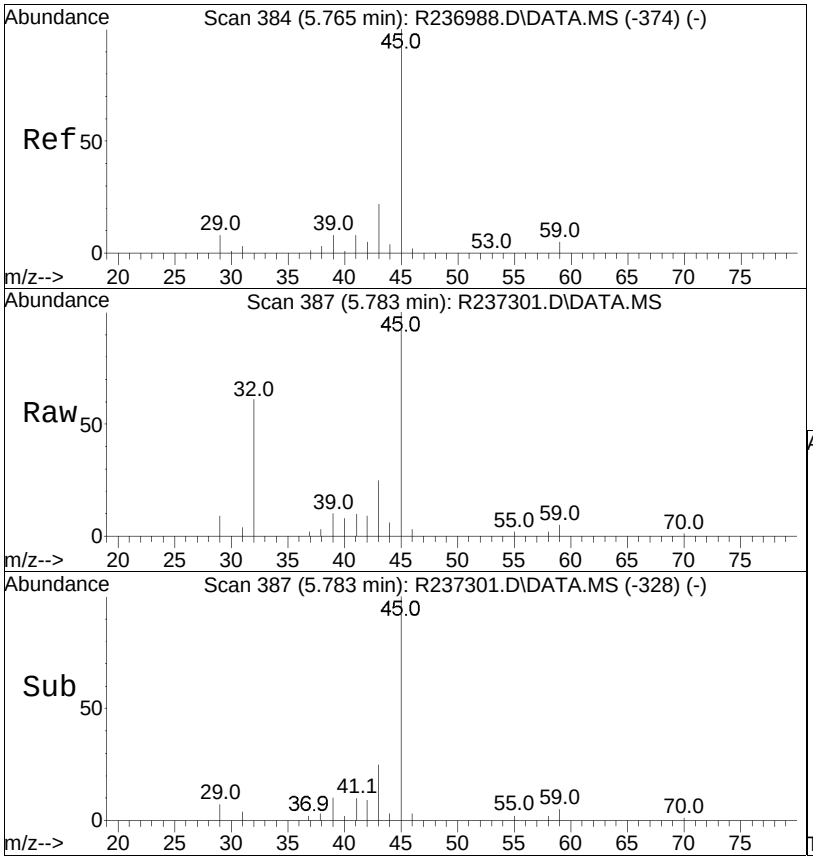


#19
acetone
Concen: 0.18 ppbV m
RT: 5.484 min Scan# 336
Delta R.T. 0.017 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 43 Resp: 2847

Ion	Ratio	Lower	Upper
43	100		
58	7.7	26.2	39.4#
57	83.2	0.7	1.1#

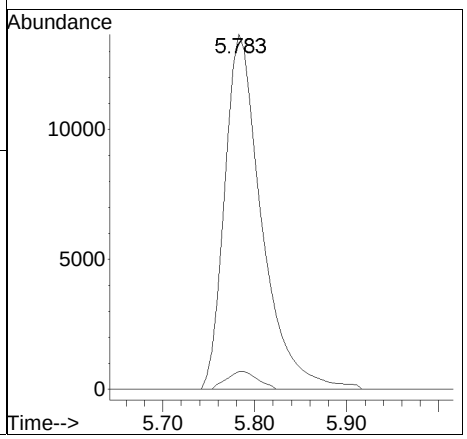


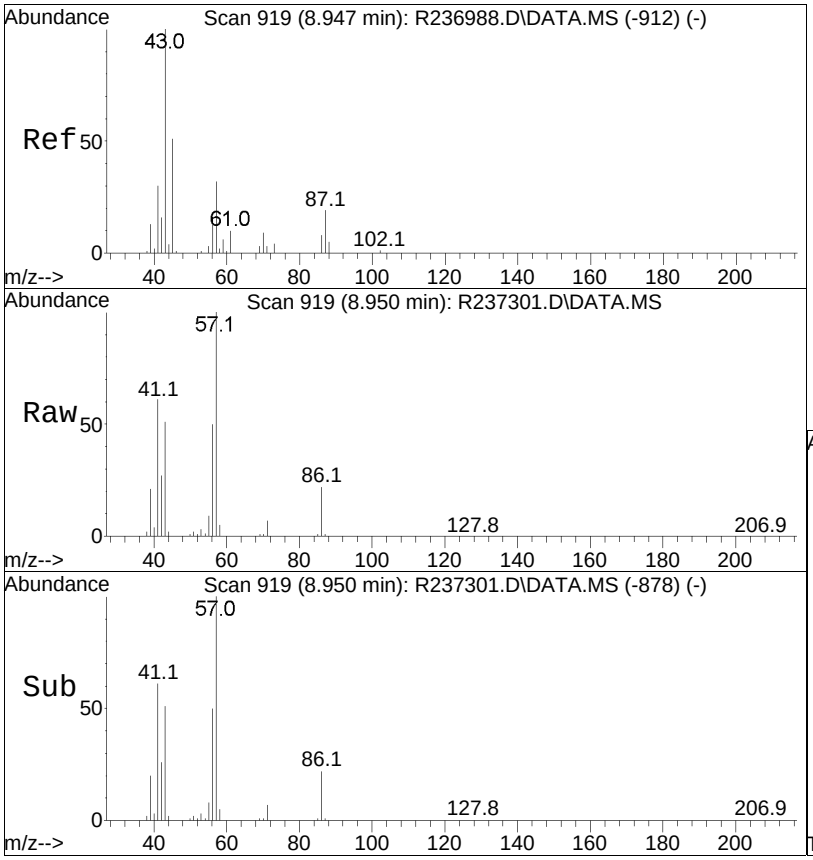


#22
isopropyl alcohol
Concen: 2.33 ppbV
RT: 5.783 min Scan# 387
Delta R.T. 0.017 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 45 Resp: 38331

Ion	Ratio	Lower	Upper
45	100		
59	5.0	3.8	5.6

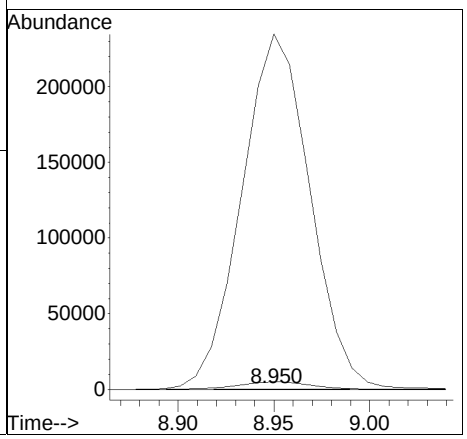


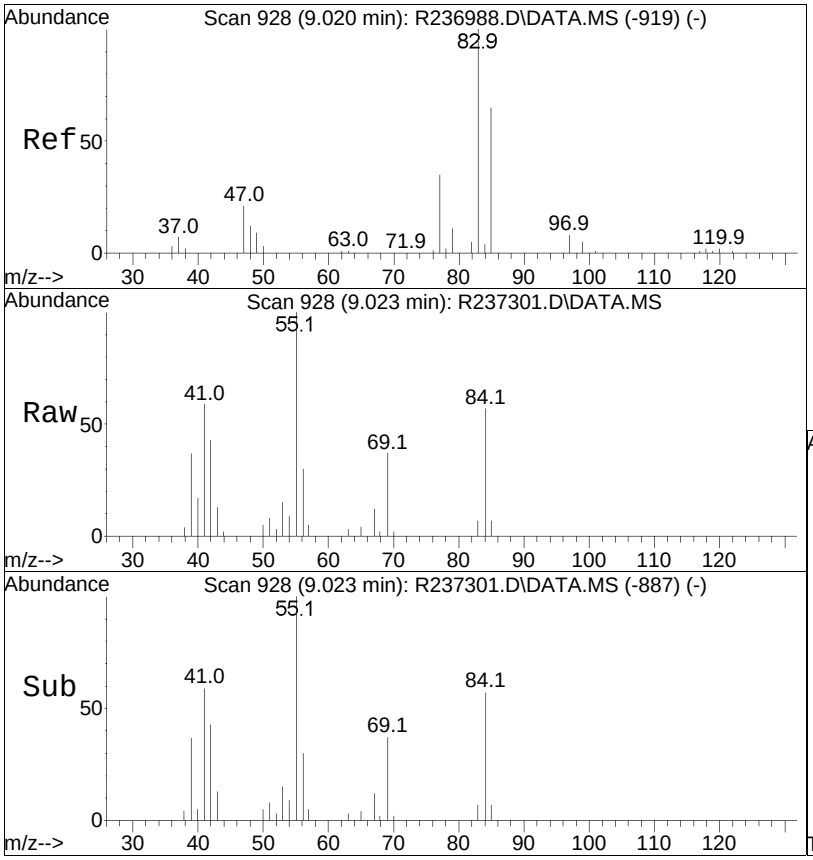


#38
Ethyl Acetate
Concen: 0.32 ppbV
RT: 8.950 min Scan# 919
Delta R.T. 0.003 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 61 Resp: 1176

Ion	Ratio	Lower	Upper
61	100		
70	1227.2	72.2	108.2#
43	56582.2	818.1	1227.1#

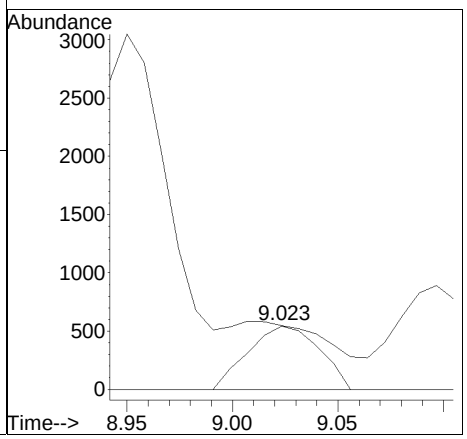


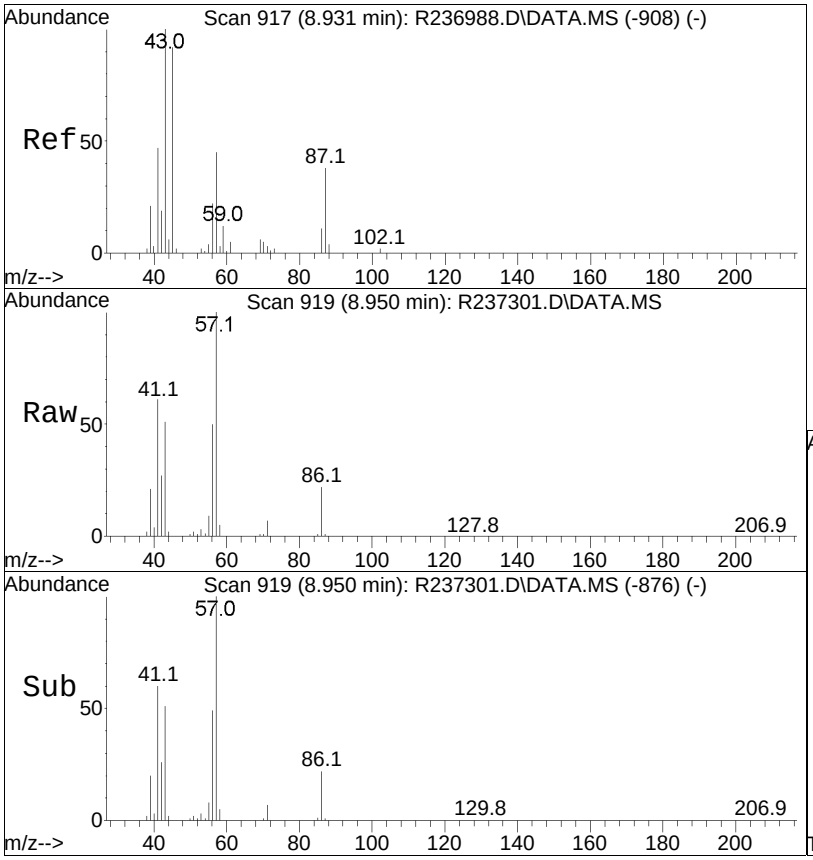


#39
chloroform
Concen: 0.04 ppbV
RT: 9.023 min Scan# 928
Delta R.T. 0.003 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 83 Resp: 1275

Ion	Ratio	Lower	Upper
83	100		
85	100.7	52.3	78.5#
47	0.0	17.1	25.7#

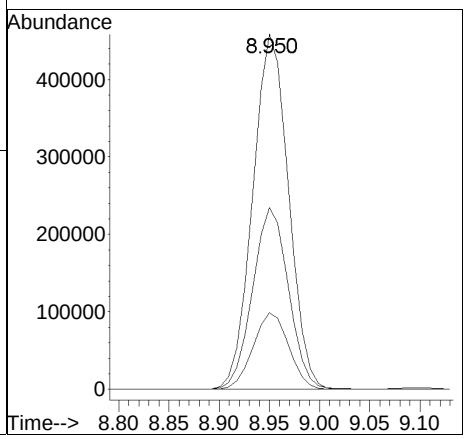


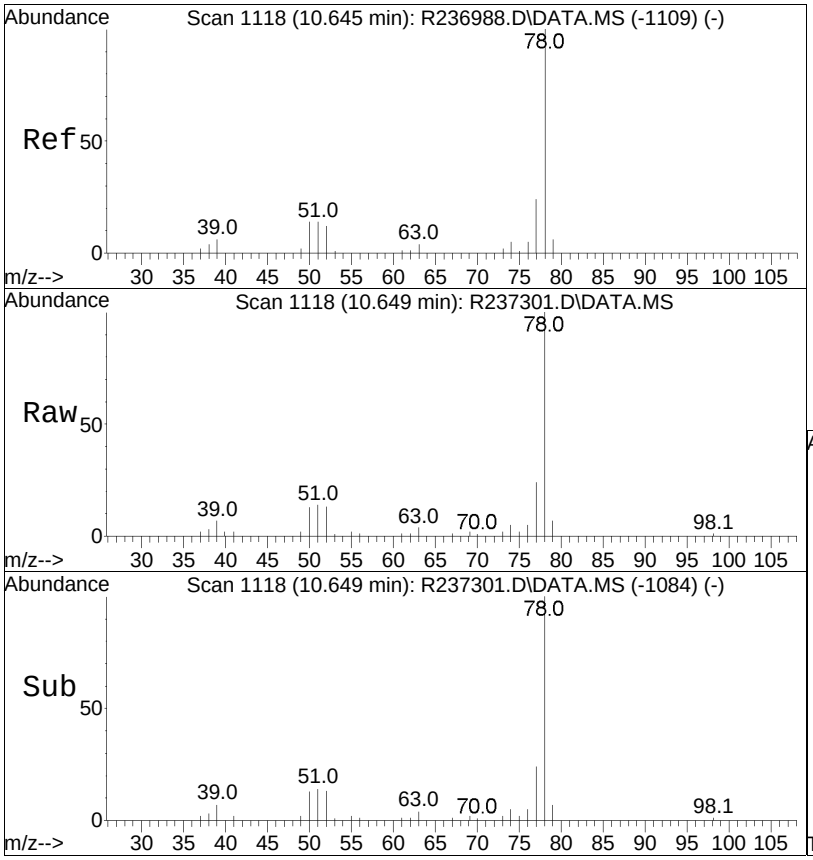


#44
hexane
Concen: 71.35 ppbV
RT: 8.950 min Scan# 919
Delta R.T. 0.019 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 57 Resp: 1135448

Ion	Ratio	Lower	Upper
57	100		
43	51.2	177.1	265.7#
86	21.6	18.6	28.0

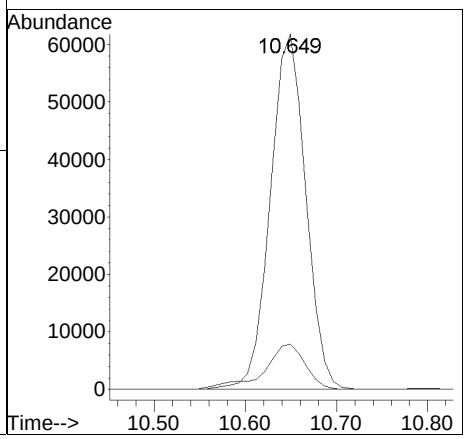


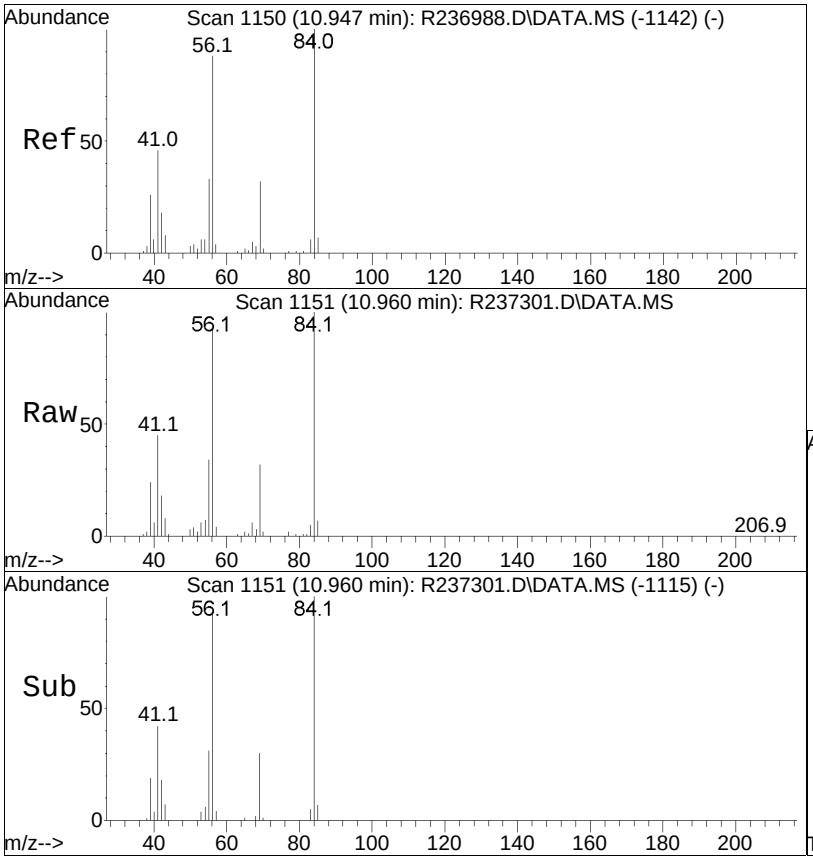


#50
benzene
Concen: 3.83 ppbV
RT: 10.649 min Scan# 1118
Delta R.T. 0.004 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 78 Resp: 167028

Ion	Ratio	Lower	Upper
78	100		
52	12.7	9.9	14.9

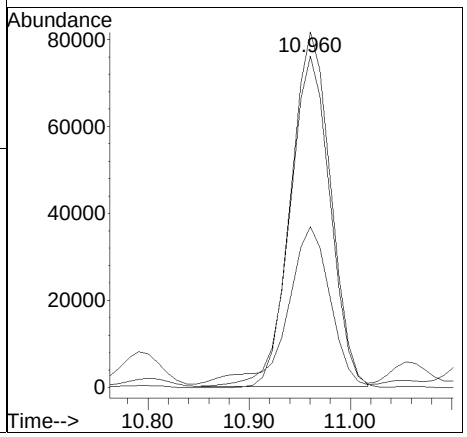


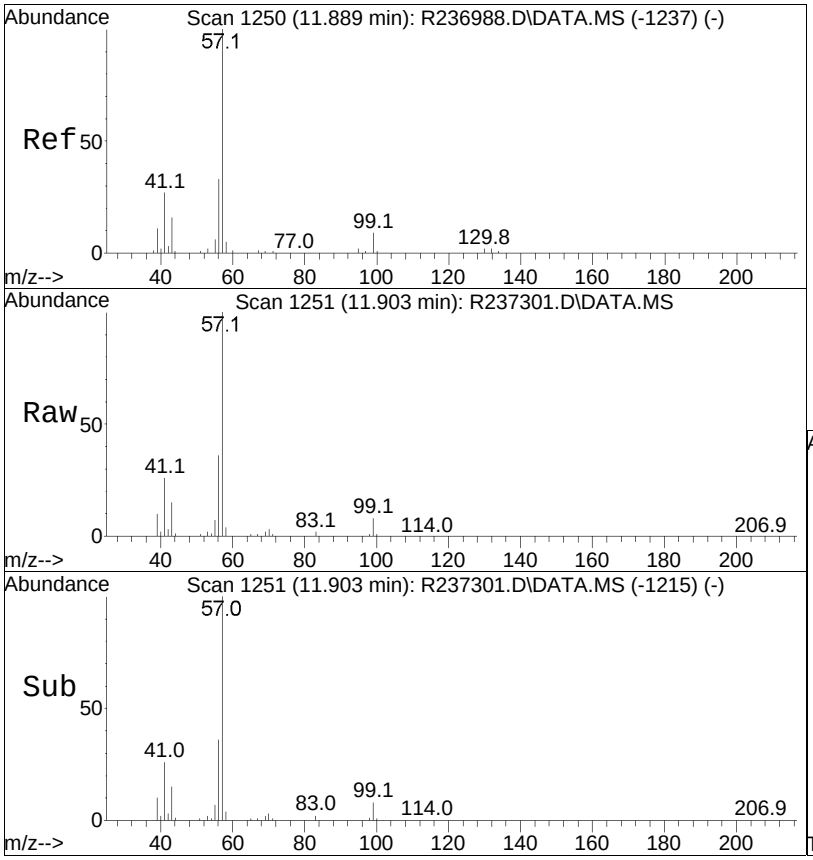


#53
cyclohexane
Concen: 13.10 ppbV
RT: 10.960 min Scan# 1151
Delta R.T. 0.014 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 56 Resp: 209254

Ion	Ratio	Lower	Upper
56	100		
84	107.3	91.1	136.7
41	48.5	42.2	63.2

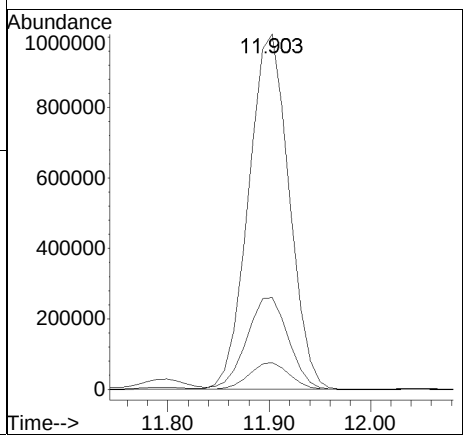


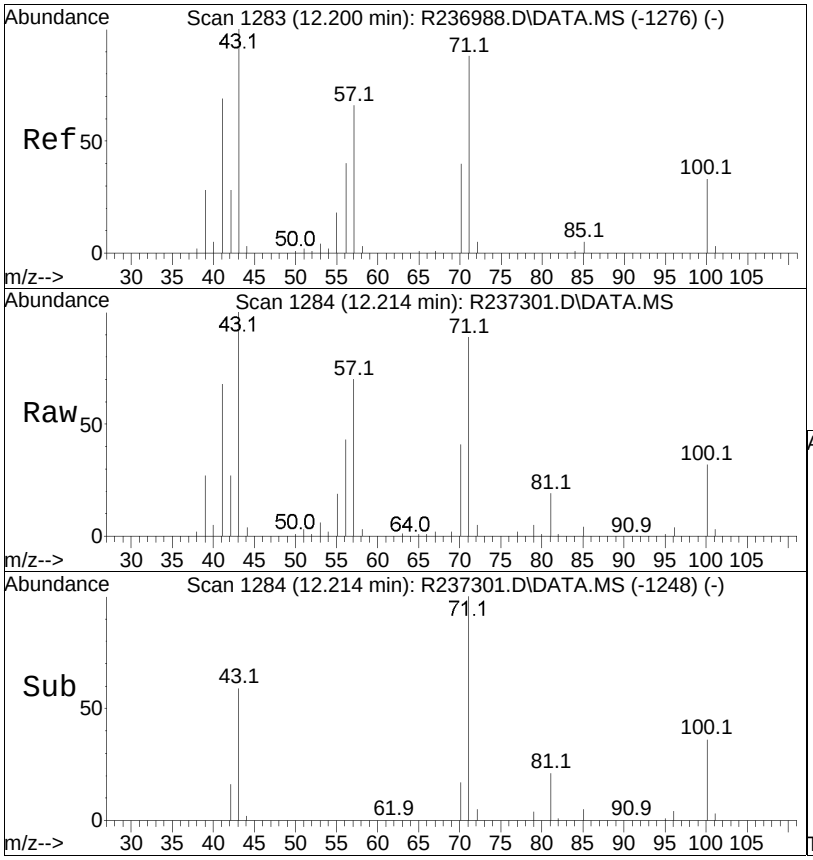


#60
2,2,4-trimethylpentane
Concen: 56.88 ppbV
RT: 11.903 min Scan# 1251
Delta R.T. 0.014 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 57 Resp: 2800004

Ion	Ratio	Lower	Upper
57	100		
99	7.6	6.8	10.2
41	25.8	21.8	32.8

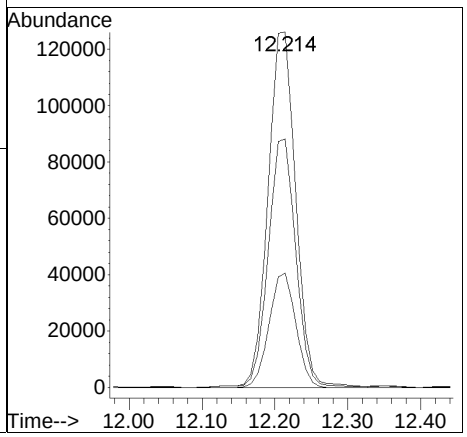


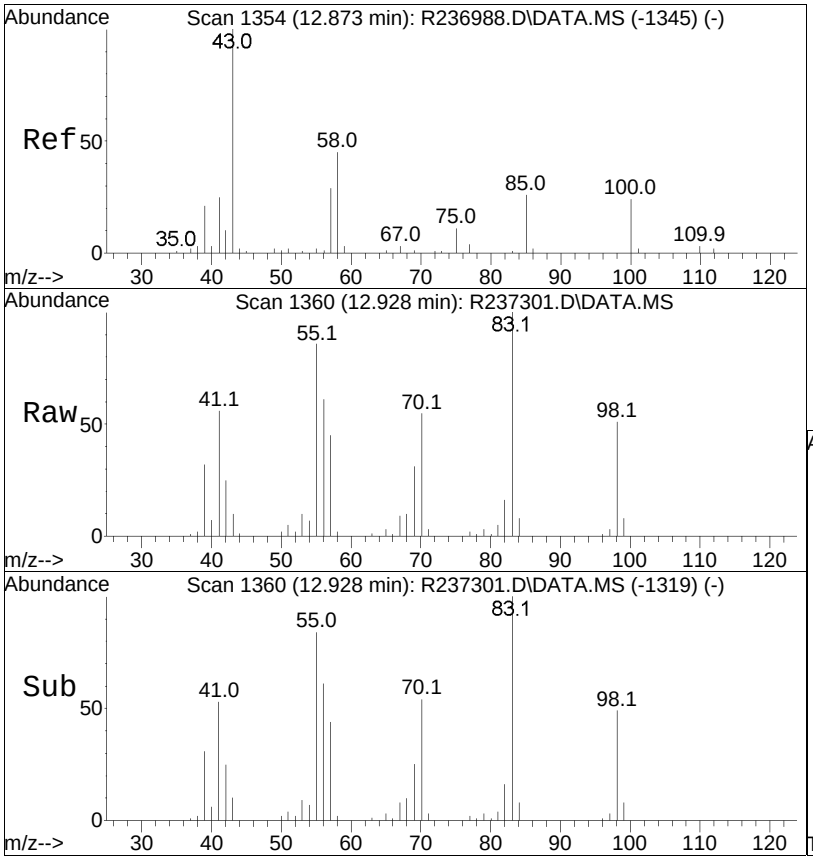


#62
heptane
Concen: 22.13 ppbV
RT: 12.214 min Scan# 1284
Delta R.T. 0.014 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 43 Resp: 334238

Ion	Ratio	Lower	Upper
43	100		
57	69.9	52.8	79.2
100	32.2	26.8	40.2

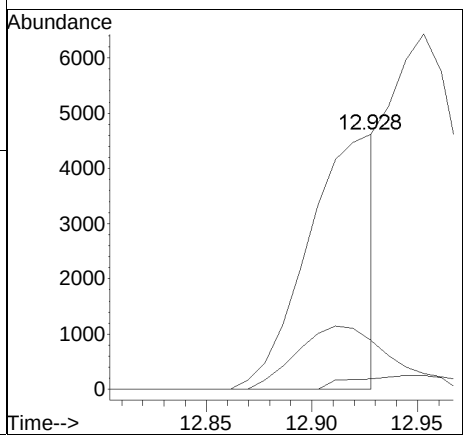


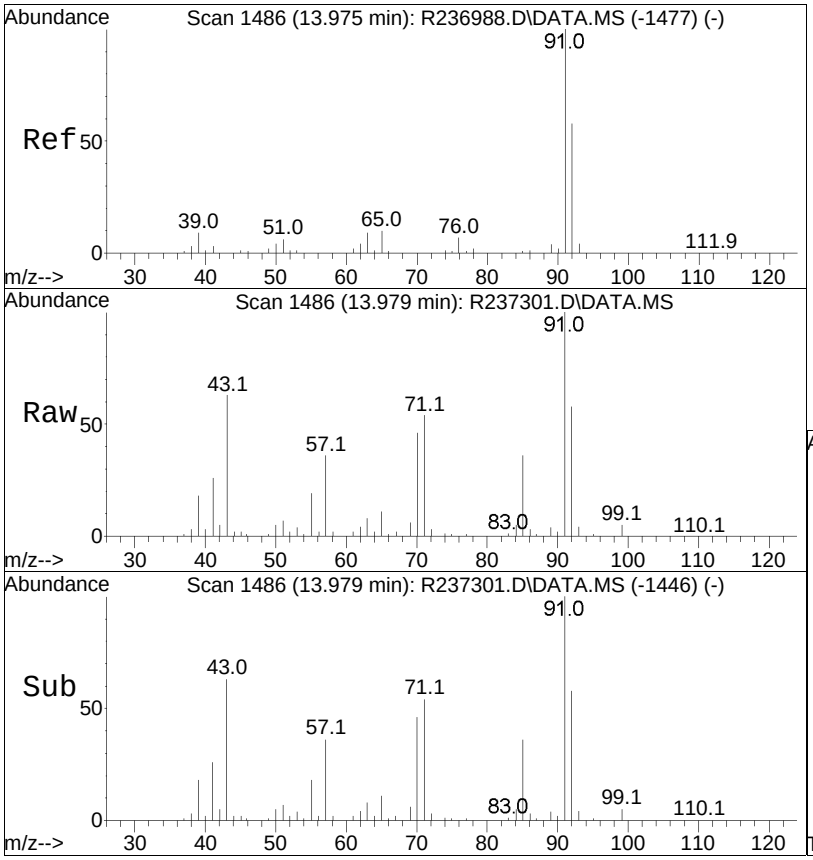


#64
4-methyl-2-pentanone
Concen: 0.47 ppbV m
RT: 12.928 min Scan# 1360
Delta R.T. 0.054 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 43 Resp: 10297

Ion	Ratio	Lower	Upper
43	100		
58	19.3	35.7	53.5#
100	4.1	19.0	28.6#

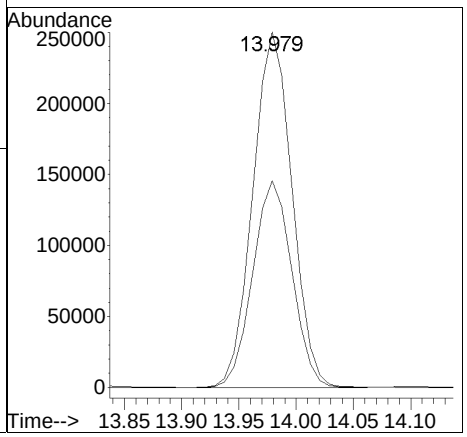


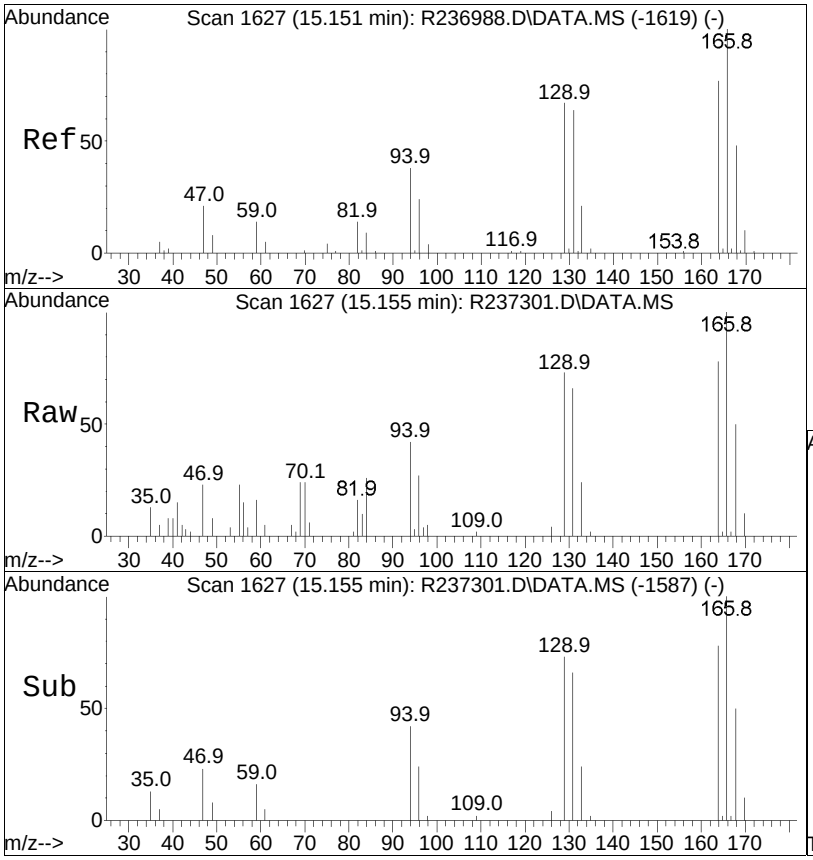


#68
toluene
Concen: 9.31 ppbV
RT: 13.979 min Scan# 1486
Delta R.T. 0.004 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 91 Resp: 594554

Ion	Ratio	Lower	Upper
91	100		
92	58.2	46.6	70.0

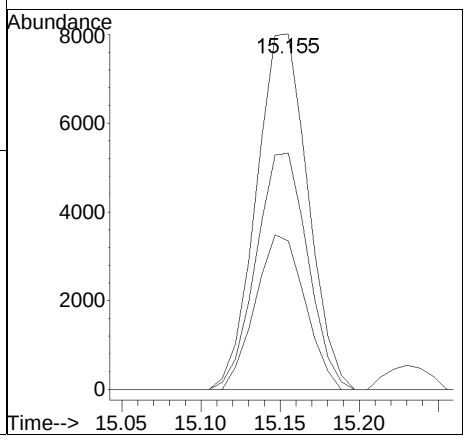


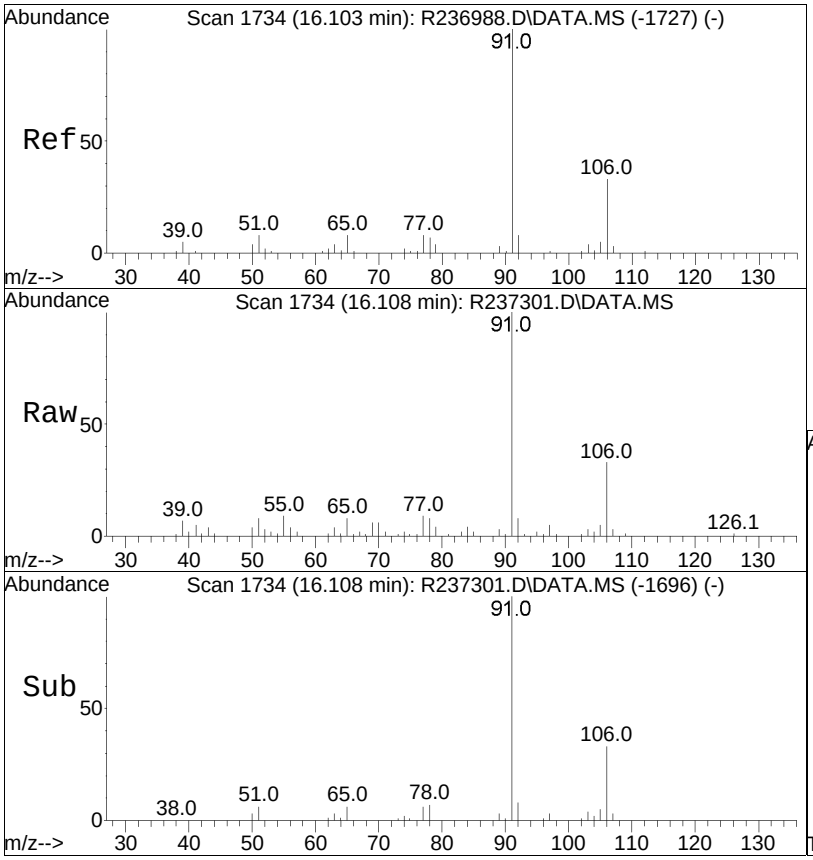


#78
tetrachloroethene
Concen: 0.45 ppbV
RT: 15.155 min Scan# 1627
Delta R.T. 0.004 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion:166 Resp: 18132

Ion	Ratio	Lower	Upper
166	100		
131	66.5	51.4	77.0
94	41.7	30.2	45.2

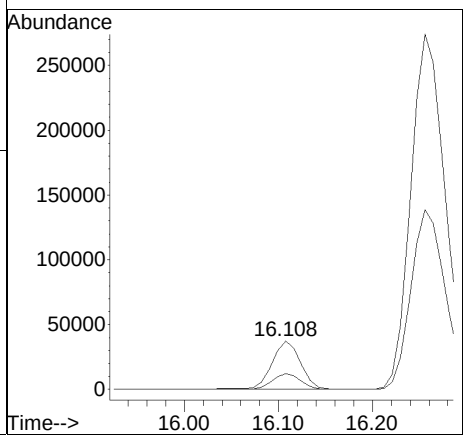


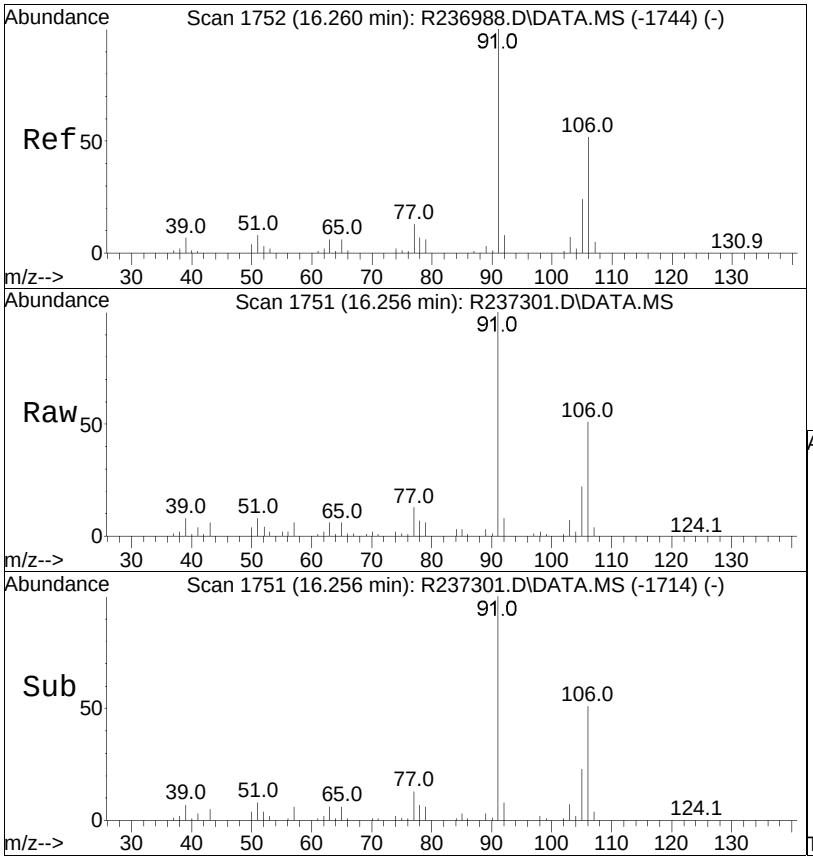


#81
ethylbenzene
Concen: 0.95 ppbV
RT: 16.108 min Scan# 1734
Delta R.T. 0.004 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 91 Resp: 77842

Ion	Ratio	Lower	Upper
91	100		
106	32.9	26.6	40.0

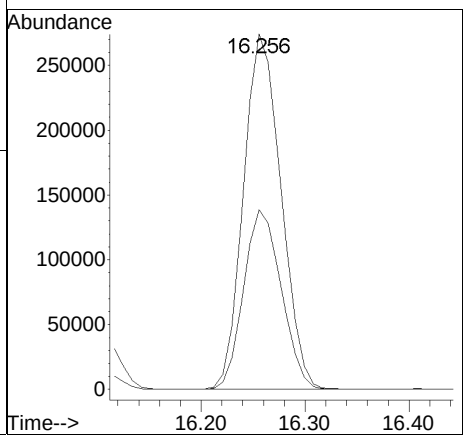


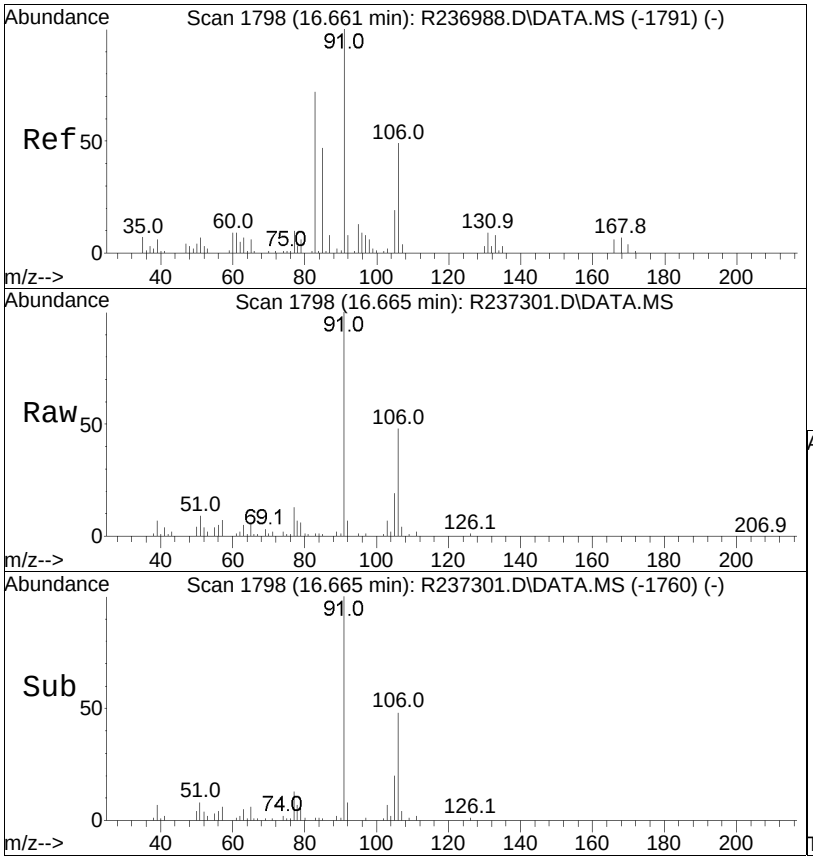


#83
m+p-xylene
Concen: 11.07 ppbV
RT: 16.256 min Scan# 1751
Delta R.T. -0.004 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 91 Resp: 686271

Ion	Ratio	Lower	Upper
91	100		
106	50.6	41.7	62.5

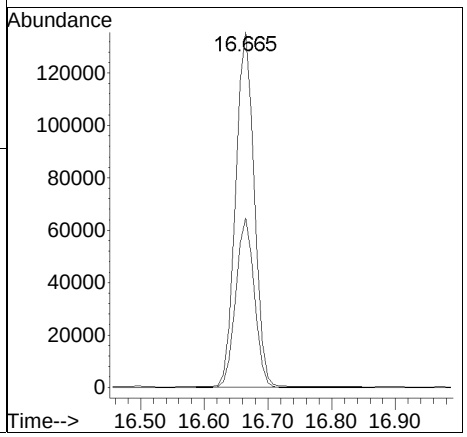


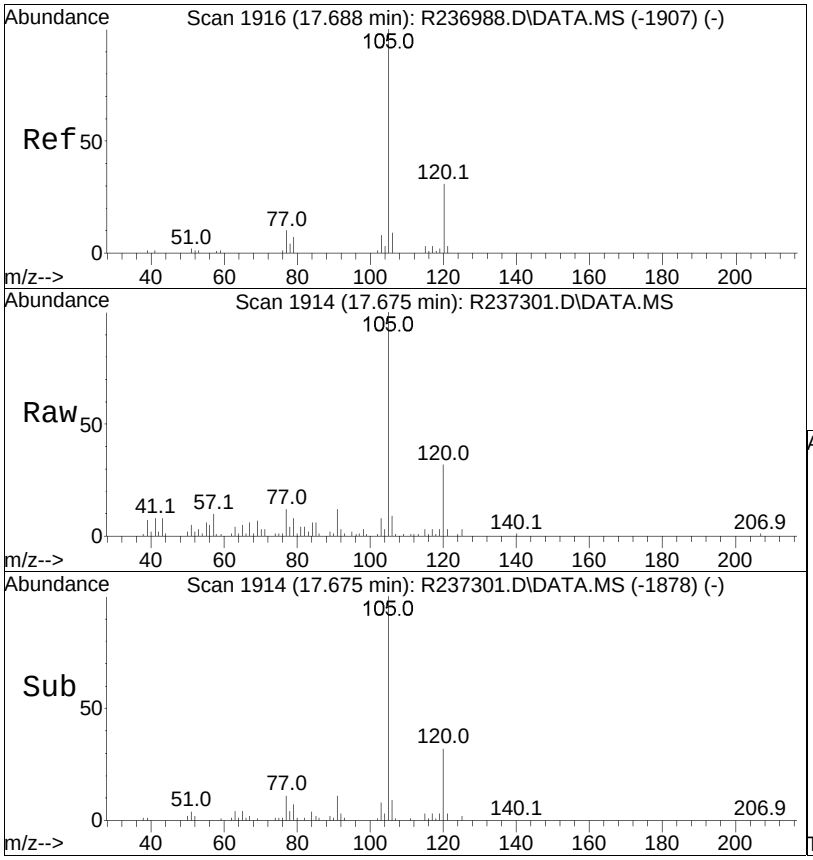


#87
o-xylene
Concen: 4.38 ppbV
RT: 16.665 min Scan# 1798
Delta R.T. 0.004 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion: 91 Resp: 274800

Ion	Ratio	Lower	Upper
91	100		
106	47.7	39.6	59.4

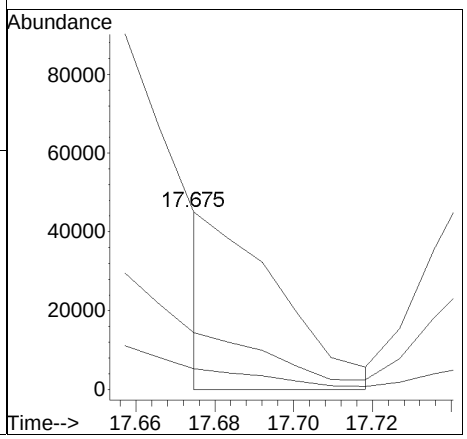


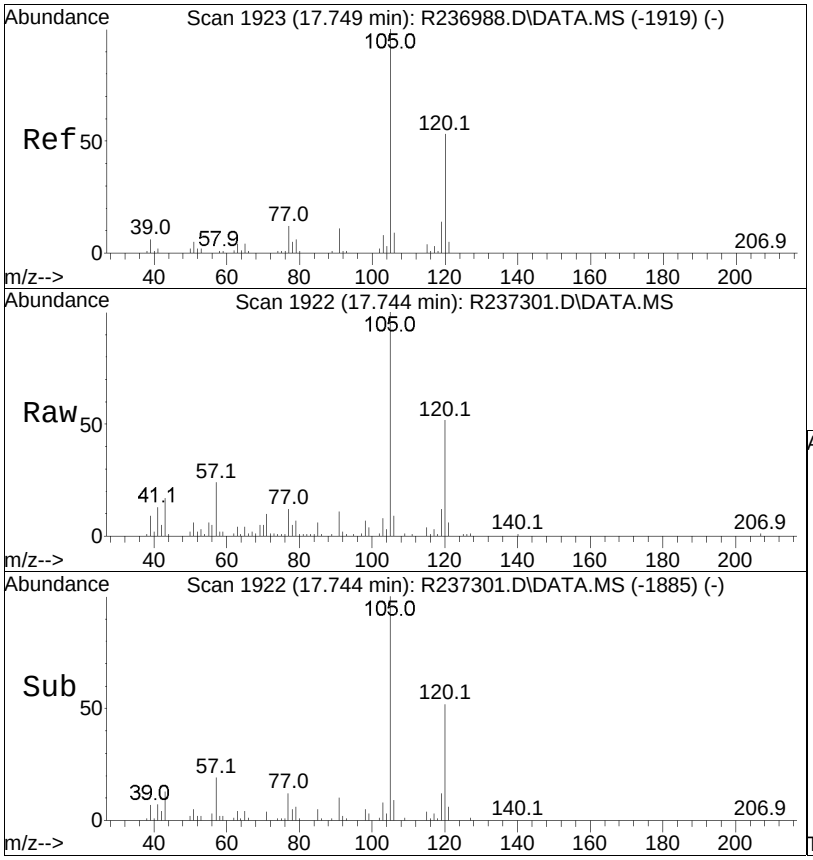


#96
4-ethyl toluene
Concen: 0.66 ppbV m
RT: 17.675 min Scan# 1914
Delta R.T. -0.013 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion:105 Resp: 54337

Ion	Ratio	Lower	Upper
105	100		
120	32.0	25.1	37.7
91	11.7	8.8	13.2

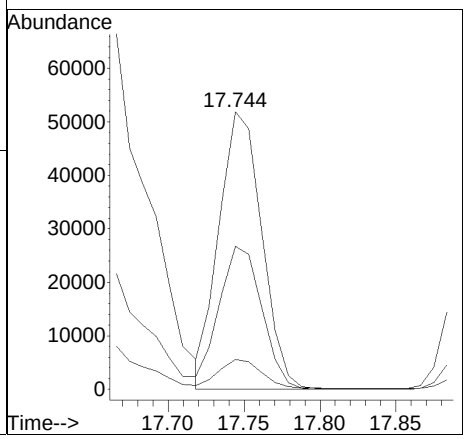


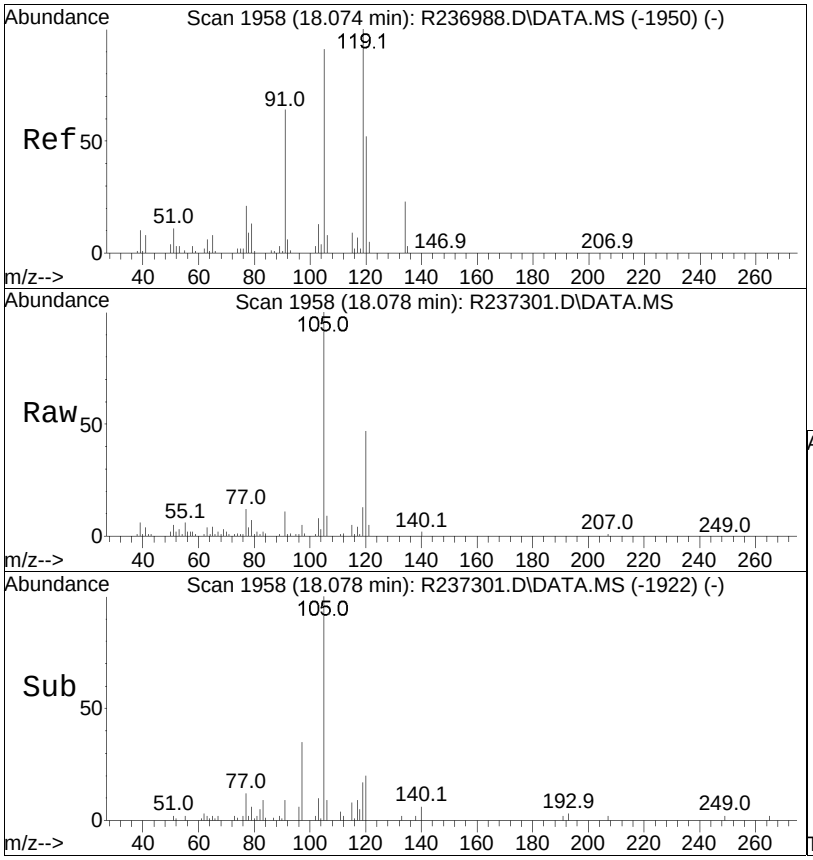


#97
1,3,5-trimethylbenzene
Concen: 1.47 ppbV
RT: 17.744 min Scan# 1922
Delta R.T. -0.004 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion:105 Resp: 102090

Ion	Ratio	Lower	Upper
105	100		
120	51.5	40.7	61.1
91	10.8	8.5	12.7

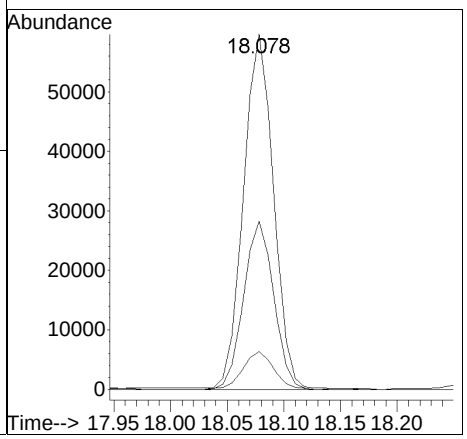




#99
1,2,4-trimethylbenzene
Concen: 1.49 ppbV
RT: 18.078 min Scan# 1958
Delta R.T. 0.004 min
Lab File: R237301.D
Acq: 12 Dec 2025 09:30 am

Tgt Ion:105 Resp: 110269

Ion	Ratio	Lower	Upper
105	100		
120	47.4	45.9	68.9
91	10.6	56.2	84.2#

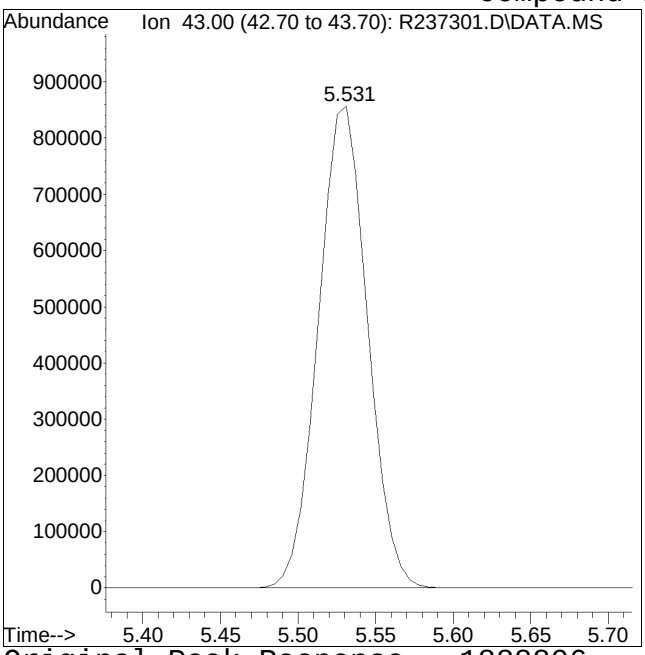


Manual Integration Report

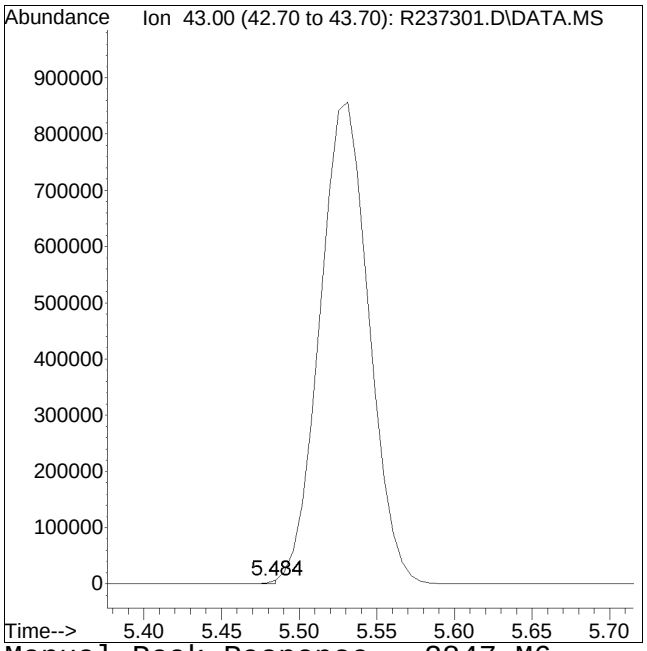
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R237301.D
Date Inj'd : 12/12/2025 9:30 am
Sample : L2577844-01D,3,11.19,250

Method : TFS23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/12/2025 10:06 am

Compound #19: acetone



Original Peak Response = 1888806



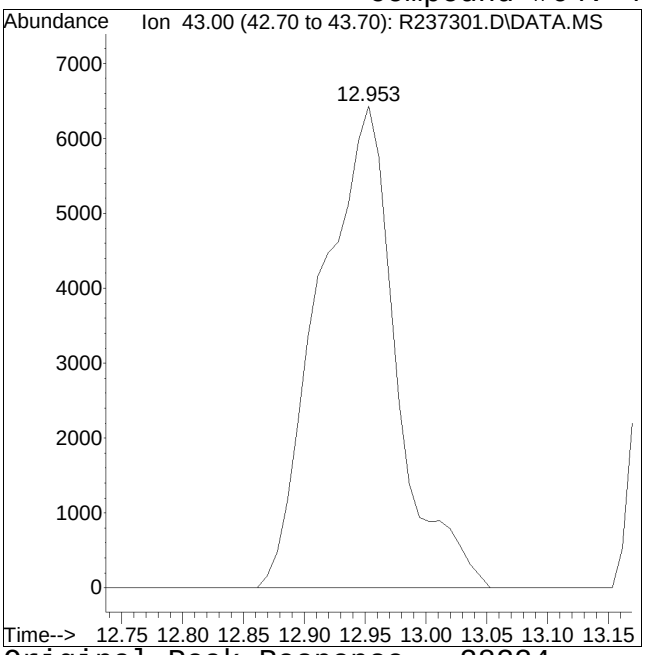
Manual Peak Response = 2847 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

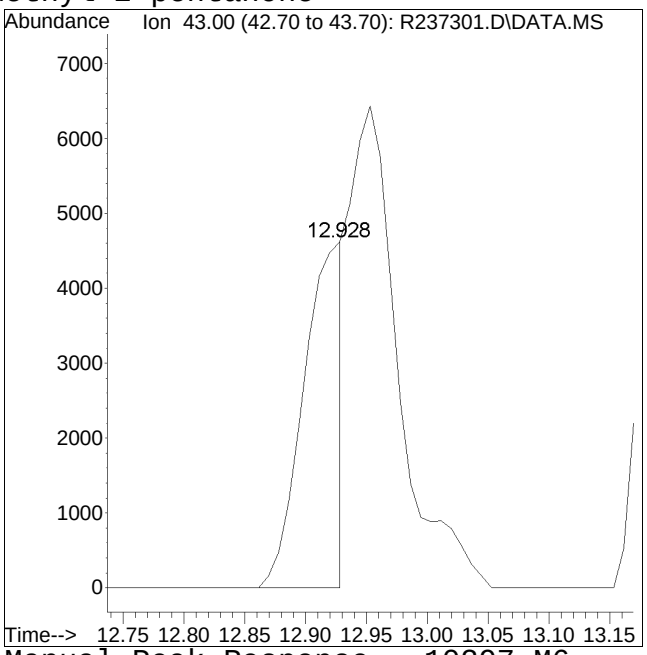
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R237301.D Operator : AIRLAB23:APR
Date Inj'd : 12/12/2025 9:30 am Instrument : Airlab 23
Sample : L2577844-01D,3,11.19,250 Quant Date : 12/12/2025 10:06 am

Compound #64: 4-methyl-2-pentanone



Original Peak Response = 28224



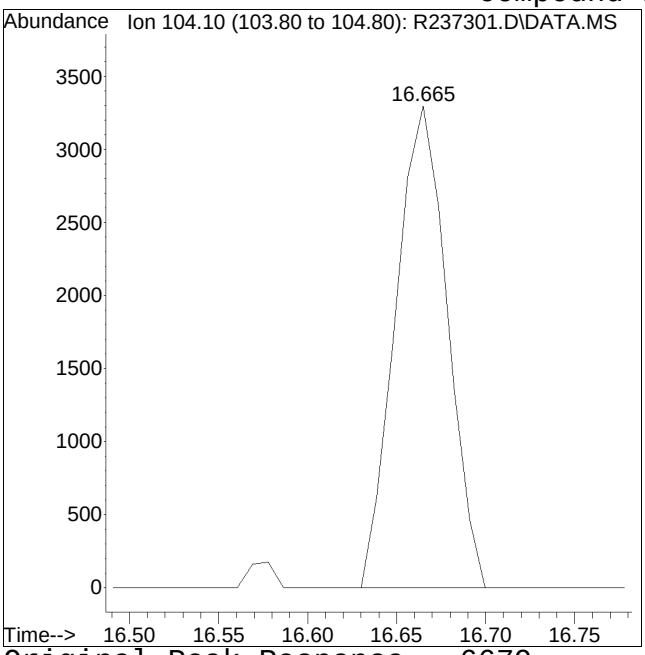
Manual Peak Response = 10297 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

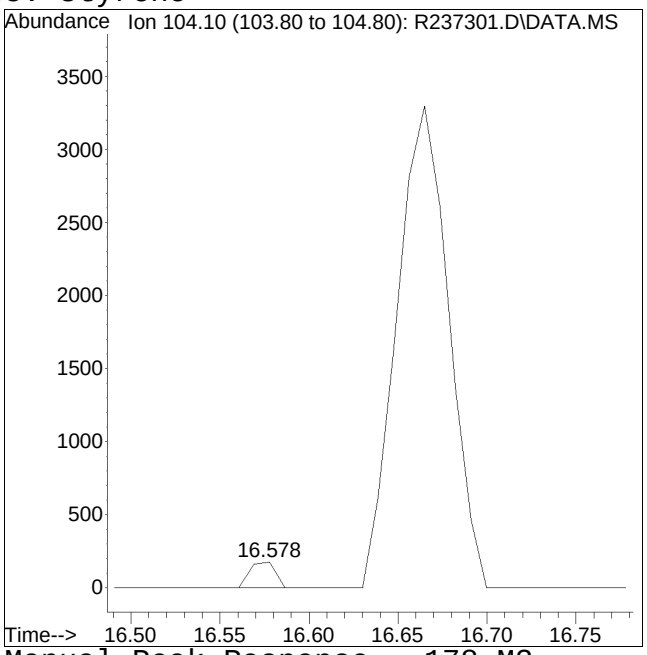
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R237301.D Operator : AIRLAB23:APR
Date Inj'd : 12/12/2025 9:30 am Instrument : Airlab 23
Sample : L2577844-01D,3,11.19,250 Quant Date : 12/12/2025 10:06 am

Compound #85: styrene



Original Peak Response = 6679



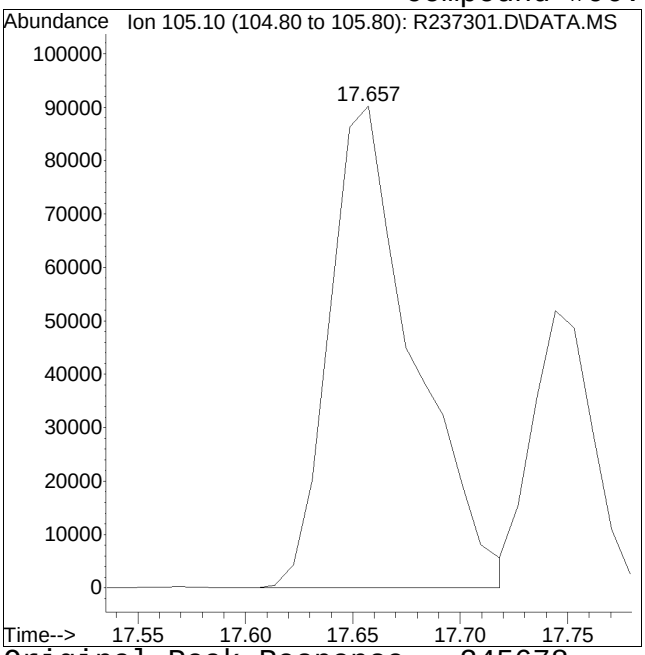
Manual Peak Response = 178 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

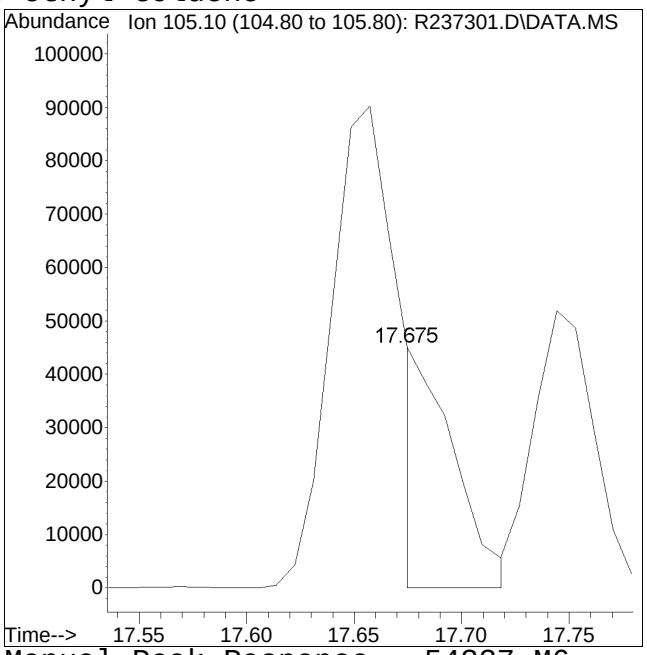
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R237301.D Operator : AIRLAB23:APR
Date Inj'd : 12/12/2025 9:30 am Instrument : Airlab 23
Sample : L2577844-01D,3,11.19,250 Quant Date : 12/12/2025 10:06 am

Compound #96: 4-ethyl toluene



Original Peak Response = 245678



Manual Peak Response = 54337 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237302.D
Acq On : 12 Dec 2025 10:06 am
Operator : AIRLAB23:APR
Sample : L2577844-02D,3,75,250
Misc : WG2152814,ICAL22840
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 10:41:21 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	8.865	49	172479	10.000	ppbV		0.00
Standard Area = 166247			Recovery = 103.75%				
43) 1,4-difluorobenzene	11.050	114	643538	10.000	ppbV		0.00
Standard Area = 589128			Recovery = 109.24%				
67) chlorobenzene-D5	15.738	54	93998	10.000	ppbV		0.00
Standard Area = 84733			Recovery = 110.93%				
System Monitoring Compounds							
Target Compounds							Qvalue
5) dichlorodifluoromethane	3.863		0	N.D.			
6) chloromethane	4.038	50	635	0.049	ppbV	#	41
7) Freon-114	0.000		0	N.D.			
9) vinyl chloride	0.000		0	N.D.			
10) 1,3-butadiene	0.000		0	N.D.	d		
13) bromomethane	0.000		0	N.D.			
14) chloroethane	0.000		0	N.D.			
15) ethanol	4.986	31	130636	19.644	ppbV		84
17) vinyl bromide	0.000		0	N.D.			
19) acetone	5.496	43	99535M6	5.909	ppbV		
21) trichlorofluoromethane	0.000		0	N.D.			
22) isopropyl alcohol	5.759	45	296475	16.723	ppbV		100
26) 1,1-dichloroethene	6.233		0	N.D.			
27) tertiary butyl alcohol	6.437	59	2001	0.090	ppbV	#	1
28) methylene chloride	6.493	49	974	0.065	ppbV		93
29) 3-chloropropene	0.000		0	N.D.	d		
30) carbon disulfide	6.807	76	1837	0.046	ppbV	#	25
31) Freon 113	0.000		0	N.D.			
32) trans-1,2-dichloroethene	0.000		0	N.D.			
33) 1,1-dichloroethane	0.000		0	N.D.	d		
34) MTBE	0.000		0	N.D.	d		
36) 2-butanone	0.000		0	N.D.			
37) cis-1,2-dichloroethene	0.000		0	N.D.			
38) Ethyl Acetate	8.938	61	654	0.163	ppbV	#	1
39) chloroform	9.159		0	N.D.			
40) Tetrahydrofuran	9.476	42	2416	0.217	ppbV		95
42) 1,2-dichloroethane	9.851	62	2321	0.100	ppbV	#	1
44) hexane	8.938	57	678264	39.650	ppbV	#	4

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237302.D
Acq On : 12 Dec 2025 10:06 am
Operator : AIRLAB23:APR
Sample : L2577844-02D,3,75,250
Misc : WG2152814,ICAL22840
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 10:41:21 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.			
50) benzene	10.645	78	208408	4.445	ppbV		98
52) carbon tetrachloride	0.000		0	N.D.			
53) cyclohexane	10.956	56	150530	8.765	ppbV		94
56) 1,2-dichloropropane	11.446	63	3382	0.230	ppbV	#	1
57) bromodichloromethane	0.000		0	N.D.	d		
58) 1,4-dioxane	0.000		0	N.D.			
59) trichloroethene	0.000		0	N.D.			
60) 2,2,4-trimethylpentane	11.898	57	1501823	28.385	ppbV		99
62) heptane	12.209	43	487745	30.038	ppbV		96
63) cis-1,3-dichloropropene	0.000		0	N.D.			
64) 4-methyl-2-pentanone	12.923	43	12014M6	0.510	ppbV		
65) trans-1,3-dichloropropene	0.000		0	N.D.			
66) 1,1,2-trichloroethane	0.000		0	N.D.	d		
68) toluene	13.974	91	1253959	19.270	ppbV		100
72) 2-hexanone	0.000		0	N.D.	d		
74) dibromochloromethane	0.000		0	N.D.			
75) 1,2-dibromoethane	0.000		0	N.D.			
78) tetrachloroethene	15.150	166	16765	0.411	ppbV		96
80) chlorobenzene	0.000		0	N.D.	d		
81) ethylbenzene	16.112	91	239356	2.877	ppbV		98
83) m+p-xylene	16.260	91	2719083	43.026	ppbV		100
84) bromoform	0.000		0	N.D.			
85) styrene	16.573	104	1650	0.033	ppbV	#	77
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d		
87) o-xylene	16.660	91	1164955	18.238	ppbV		98
96) 4-ethyl toluene	17.679	105	224789M6	2.676	ppbV		
97) 1,3,5-trimethylbenzene	17.748	105	575744	8.136	ppbV		98
99) 1,2,4-trimethylbenzene	18.073	105	736848	9.745	ppbV	#	53
101) Benzyl Chloride	0.000		0	N.D.	d		
102) 1,3-dichlorobenzene	0.000		0	N.D.			
103) 1,4-dichlorobenzene	0.000		0	N.D.			
107) 1,2-dichlorobenzene	0.000		0	N.D.			
115) 1,2,4-trichlorobenzene	0.000		0	N.D.			
116) naphthalene	20.081		0	N.D.			
119) hexachlorobutadiene	0.000		0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237302.D
Acq On : 12 Dec 2025 10:06 am
Operator : AIRLAB23:APR
Sample : L2577844-02D,3,75,250
Misc : WG2152814,ICAL22840
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 10:41:21 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

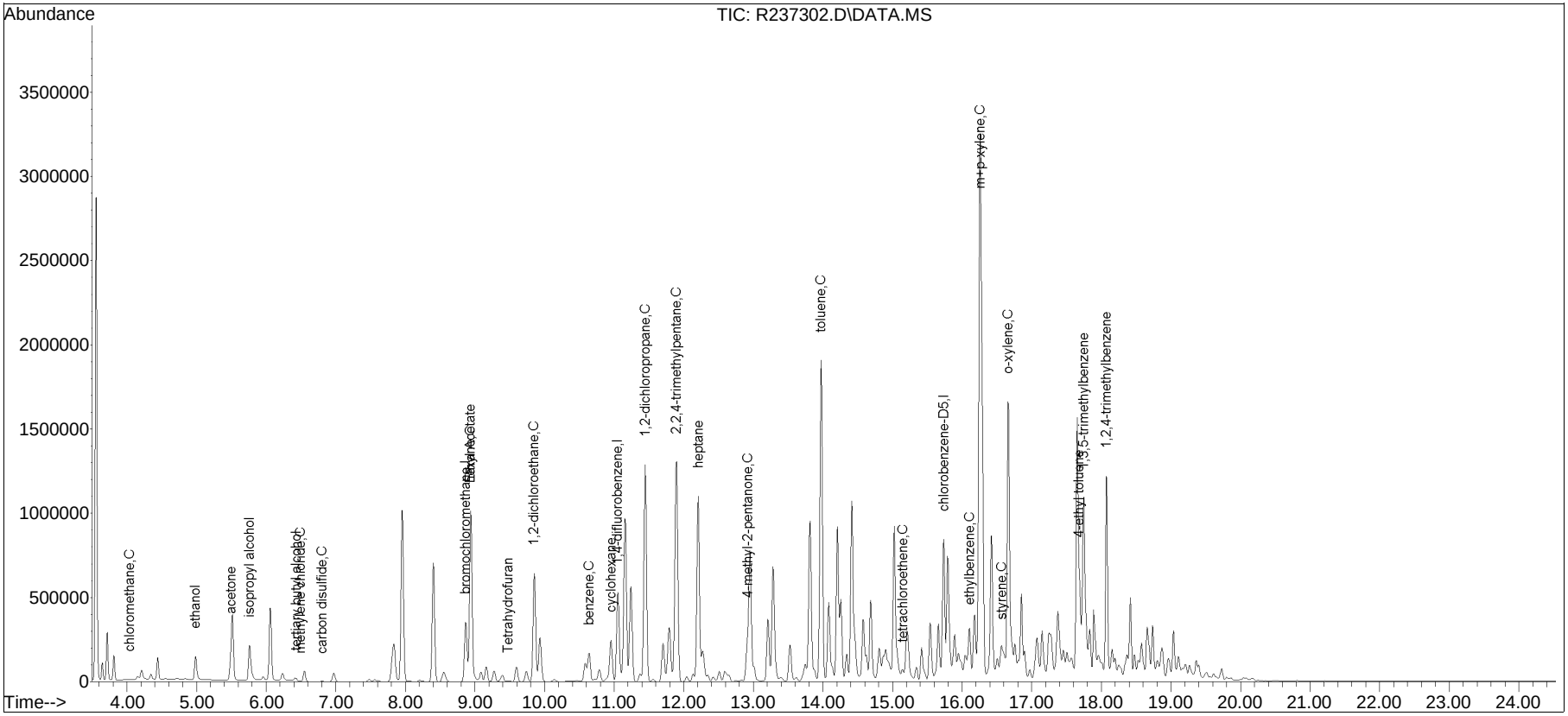
CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+Naphthalene - .

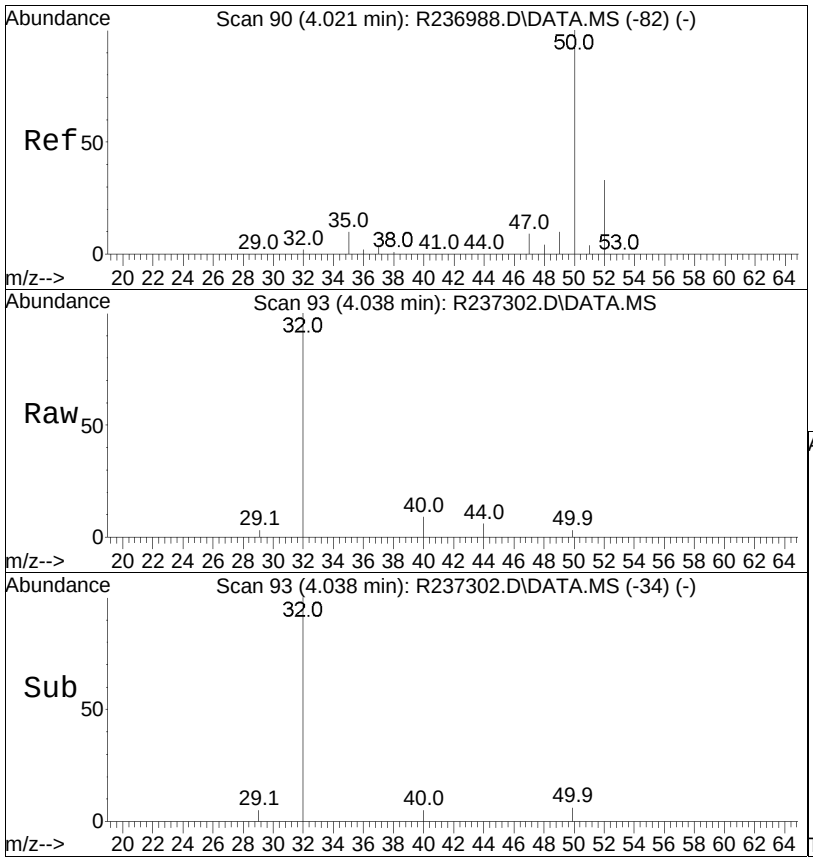
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\12\1211T\R237278.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237302.D
Acq On : 12 Dec 2025 10:06 am
Operator : AIRLAB23:APR
Sample : L2577844-02D,3,75,250
Misc : WG2152814,ICAL22840
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 10:41:21 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

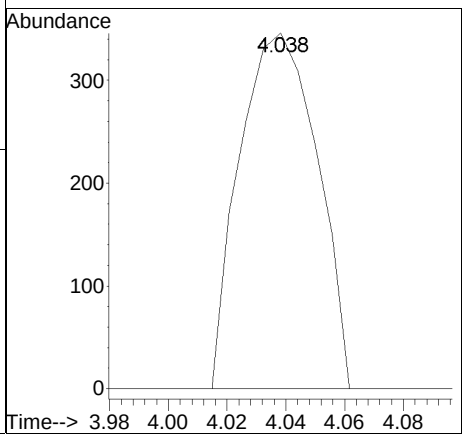


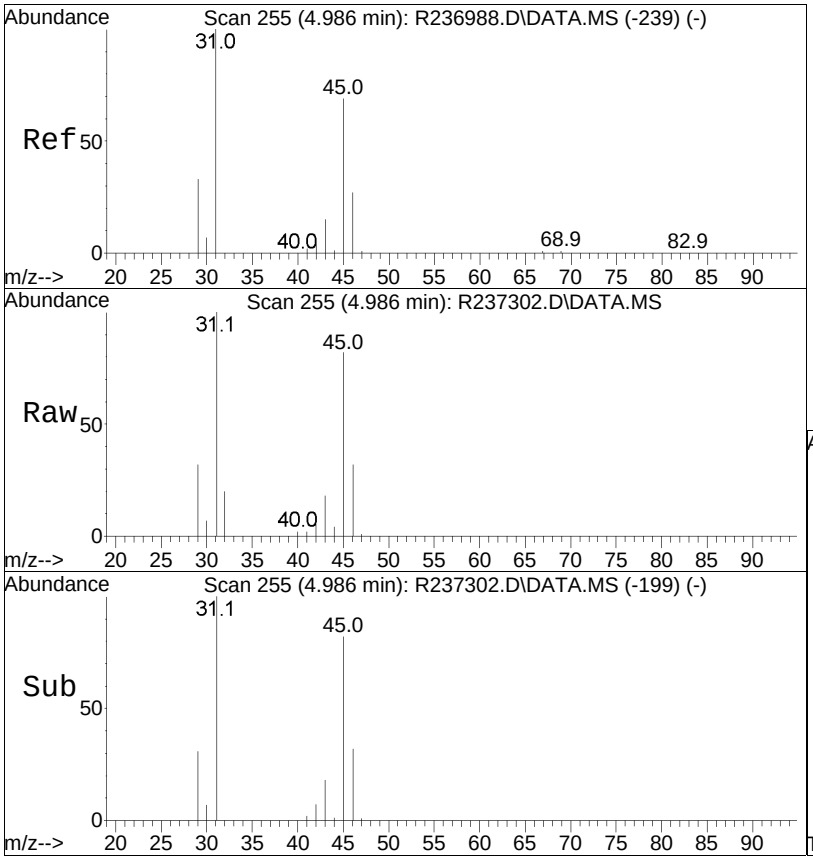


#6
chloromethane
Concen: 0.05 ppbV
RT: 4.038 min Scan# 93
Delta R.T. 0.018 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 50 Resp: 635

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.8	40.2#

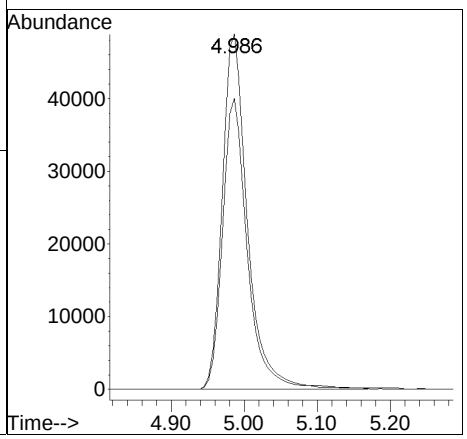


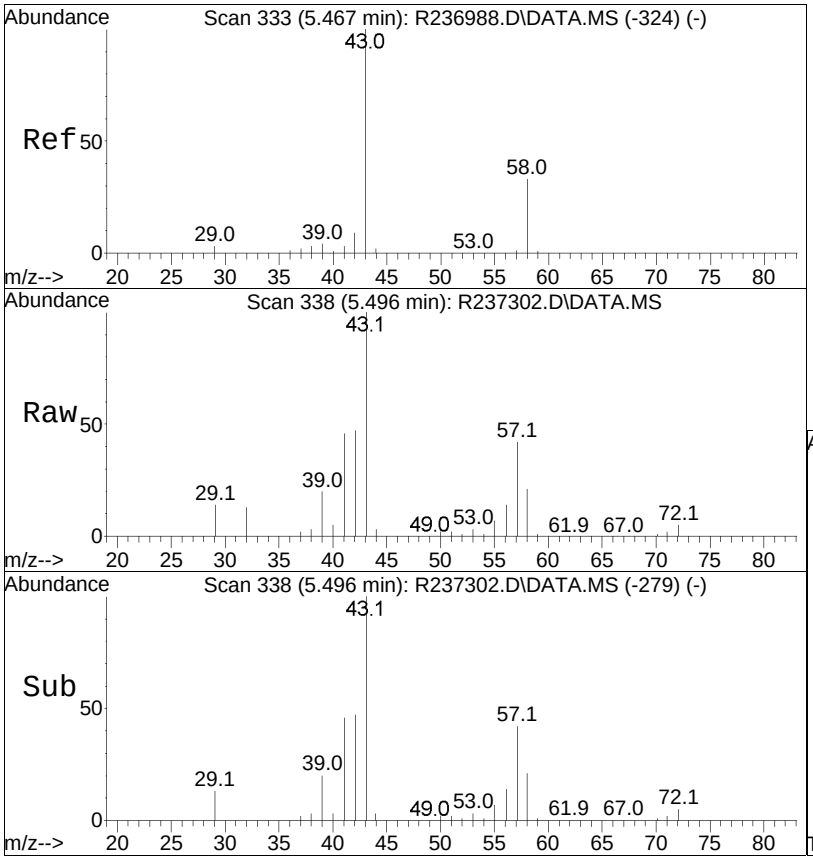


#15
ethanol
Concen: 19.64 ppbV
RT: 4.986 min Scan# 255
Delta R.T. 0.000 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 31 Resp: 130636

Ion	Ratio	Lower	Upper
31	100		
45	81.9	55.0	82.6

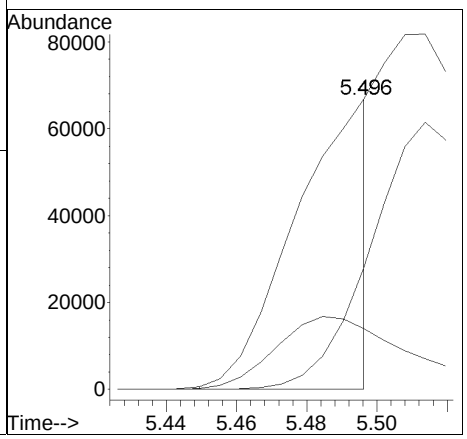


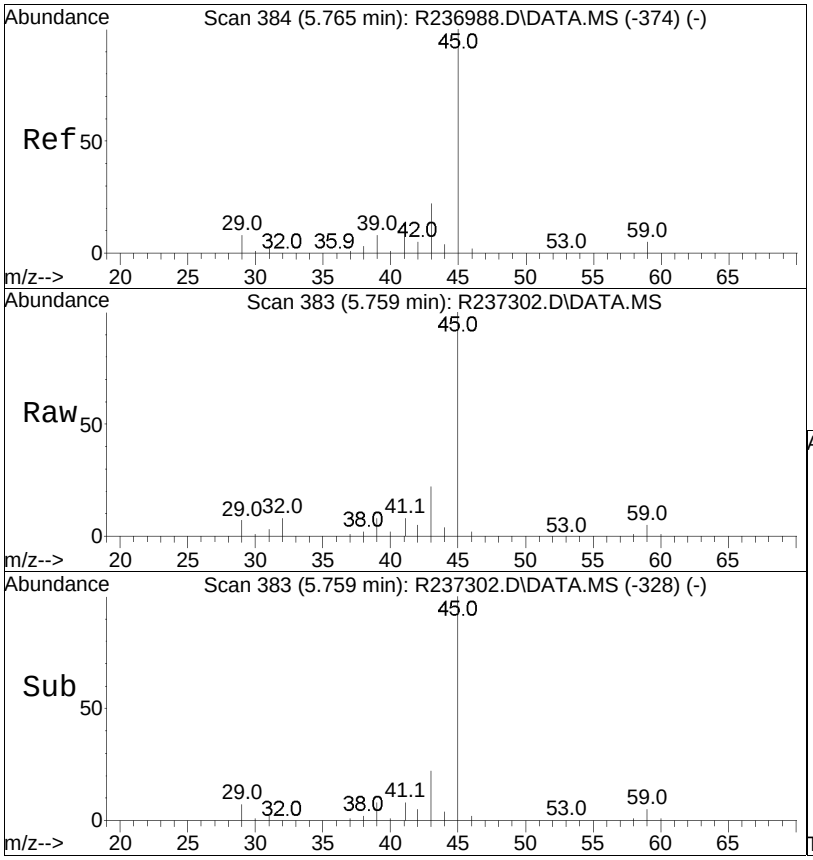


#19
acetone
Concen: 5.91 ppbV m
RT: 5.496 min Scan# 338
Delta R.T. 0.029 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 43 Resp: 99535

Ion	Ratio	Lower	Upper
43	100		
58	21.0	26.2	39.4#
57	41.8	0.7	1.1#

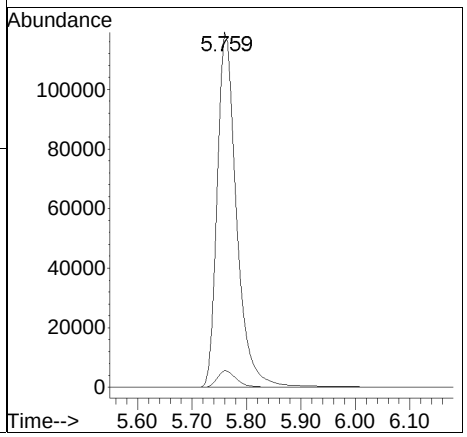


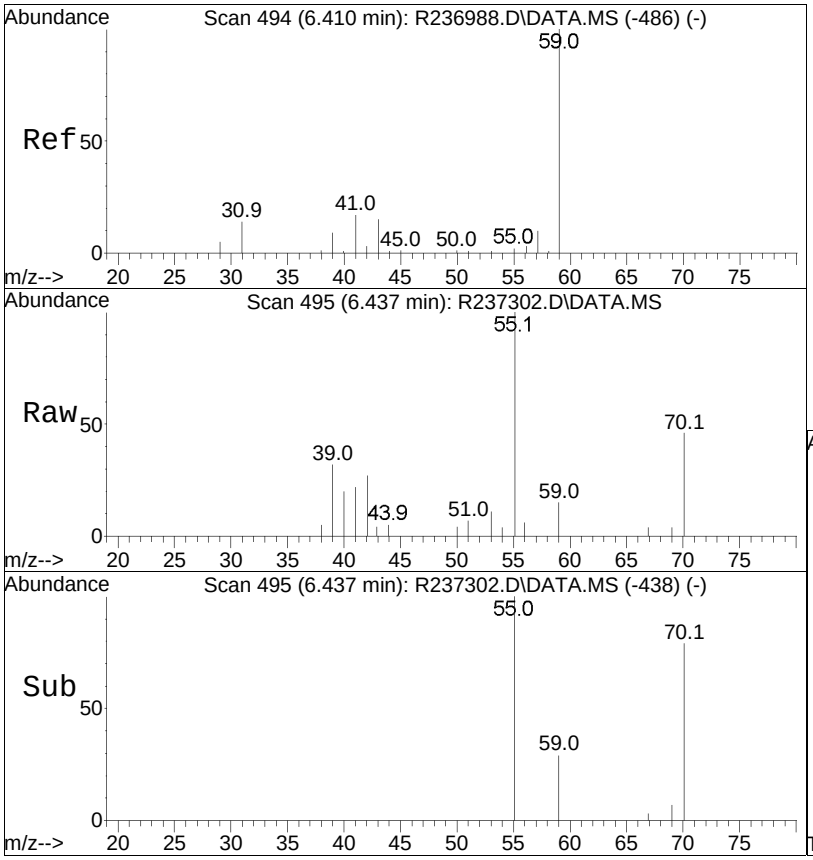


#22
isopropyl alcohol
Concen: 16.72 ppbV
RT: 5.759 min Scan# 383
Delta R.T. -0.006 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 45 Resp: 296475

Ion	Ratio	Lower	Upper
45	100		
59	4.7	3.8	5.6

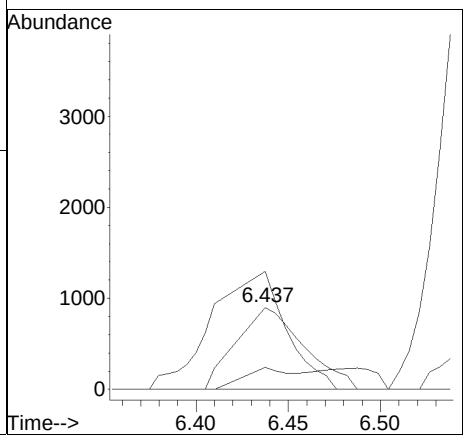


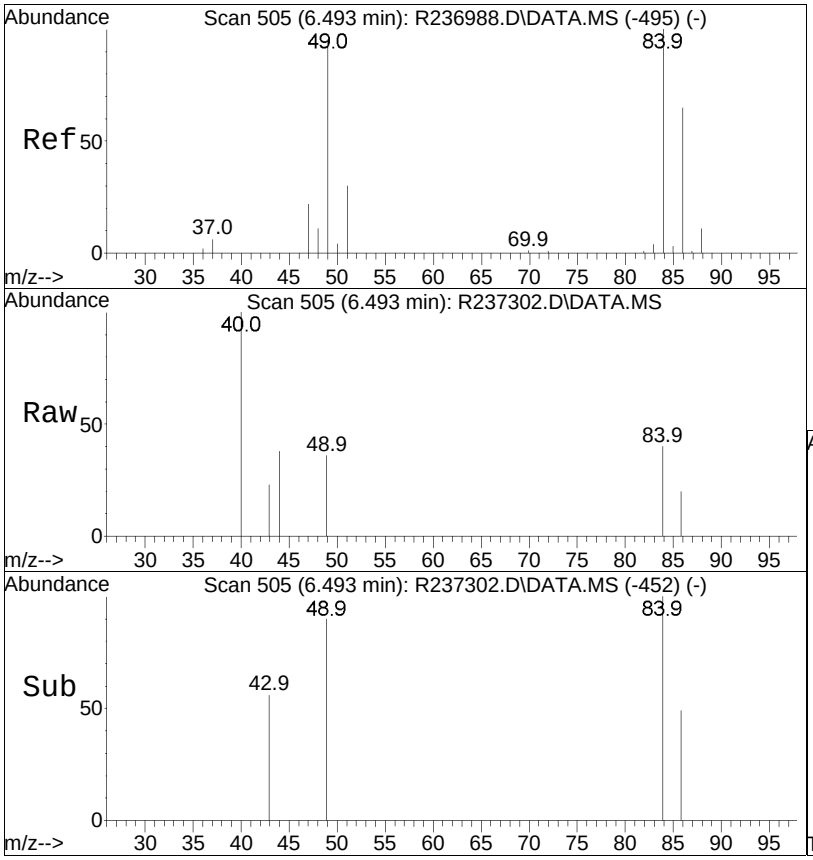


#27
tertiary butyl alcohol
Concen: 0.09 ppbV
RT: 6.437 min Scan# 495
Delta R.T. 0.027 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 59 Resp: 2001

Ion	Ratio	Lower	Upper
59	100		
41	144.3	13.6	20.4#
43	26.9	11.7	17.5#

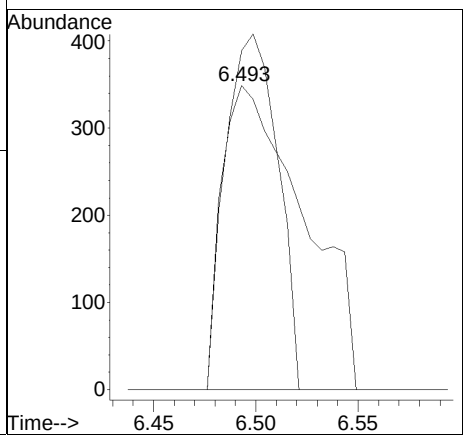


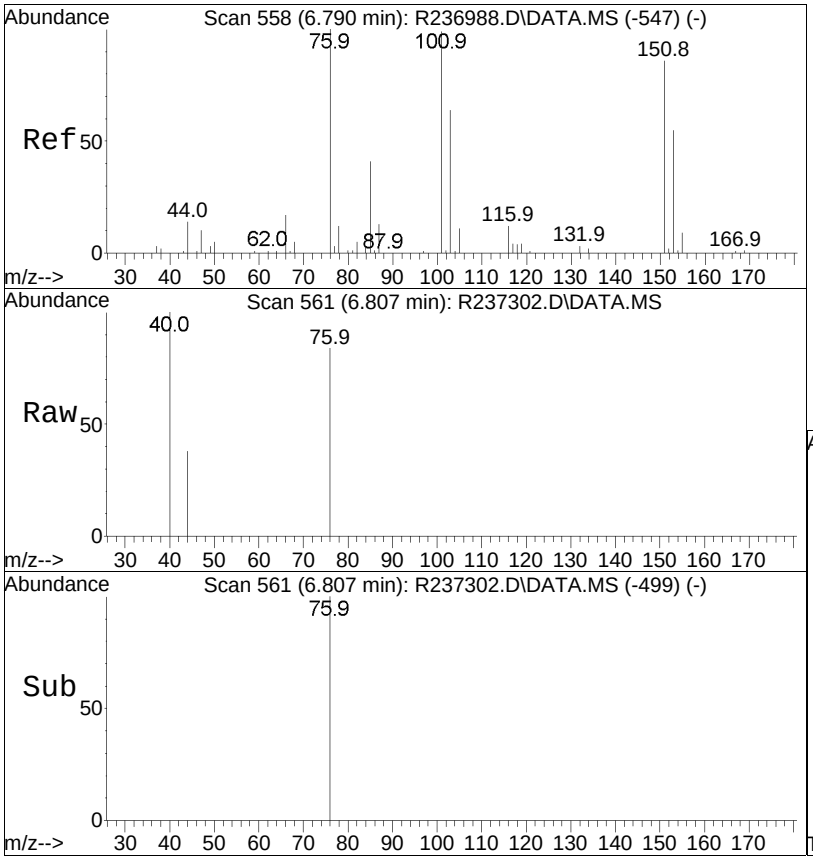


#28
methylene chloride
Concen: 0.07 ppbV
RT: 6.493 min Scan# 505
Delta R.T. -0.000 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 49 Resp: 974

Ion	Ratio	Lower	Upper
49	100		
84	111.5	83.7	125.5

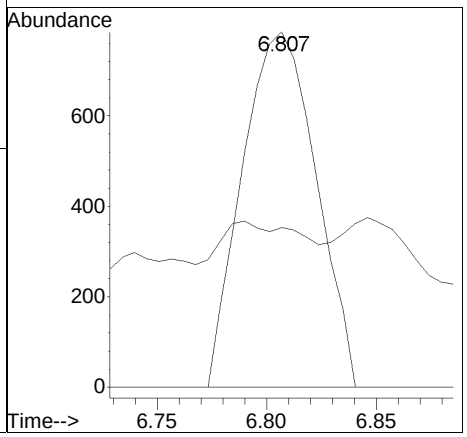


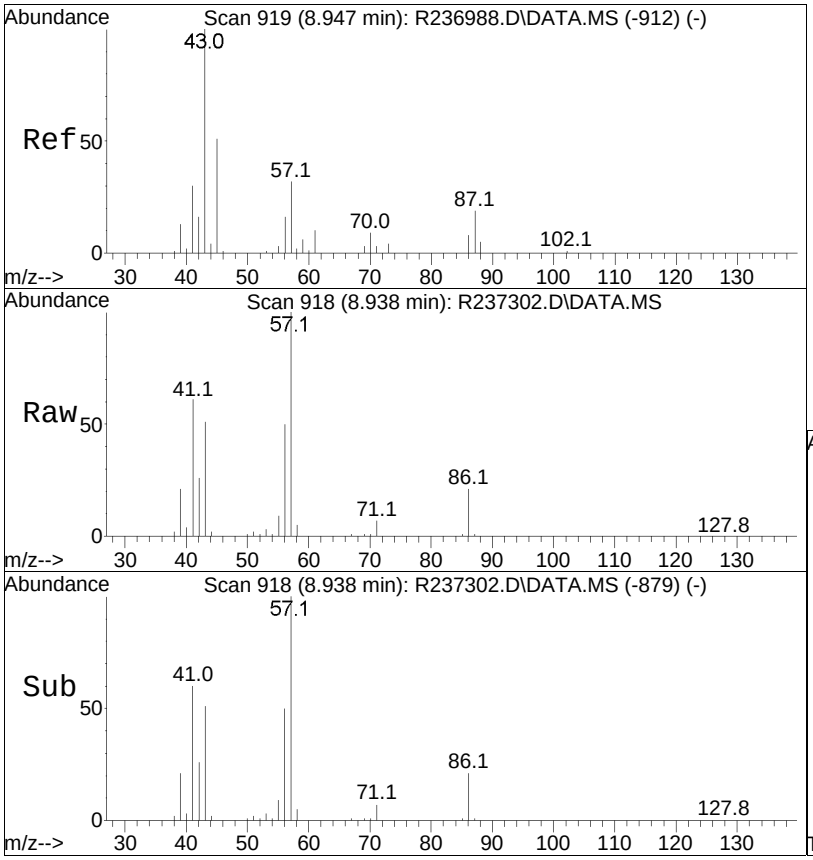


#30
carbon disulfide
Concen: 0.05 ppbV
RT: 6.807 min Scan# 561
Delta R.T. 0.016 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 76 Resp: 1837

Ion	Ratio	Lower	Upper
76	100		
44	45.0	11.5	17.3#

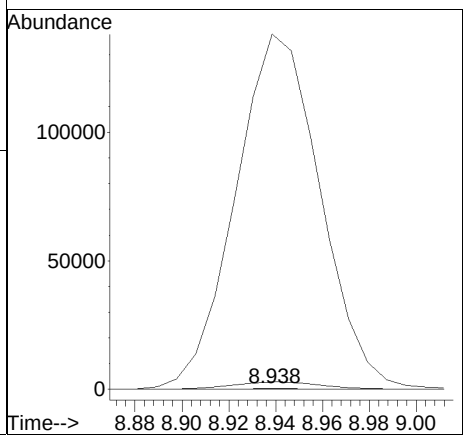


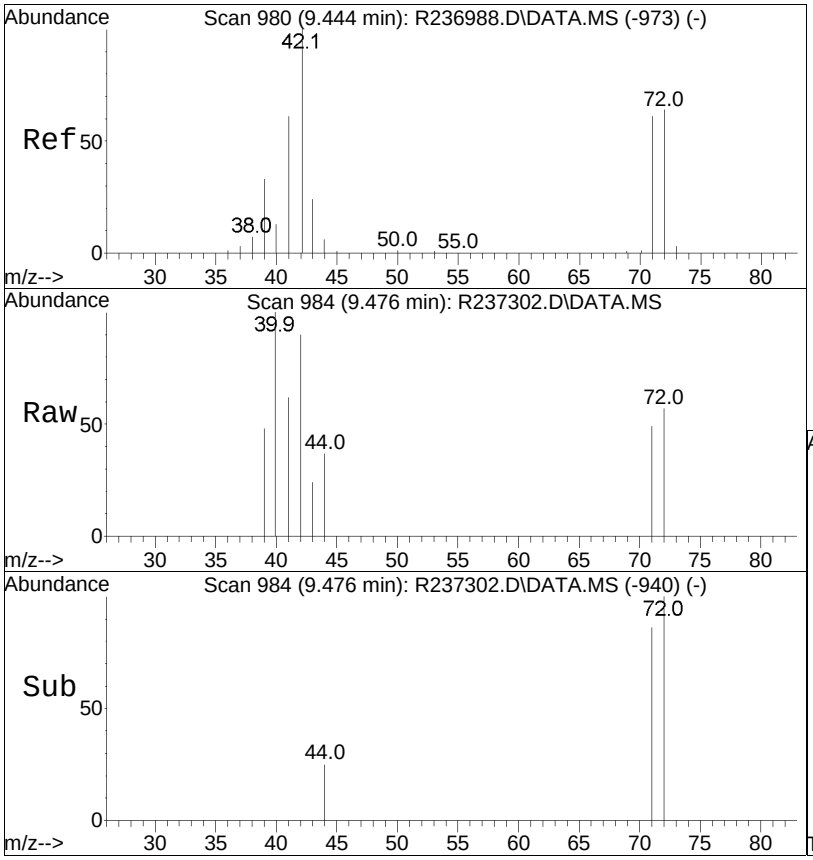


#38
Ethyl Acetate
Concen: 0.16 ppbV
RT: 8.938 min Scan# 918
Delta R.T. -0.008 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 61 Resp: 654

Ion	Ratio	Lower	Upper
61	100		
70	1074.7	72.2	108.2#
43	50613.9	818.1	1227.1#

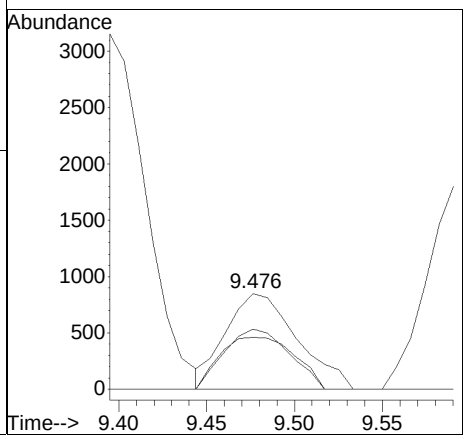


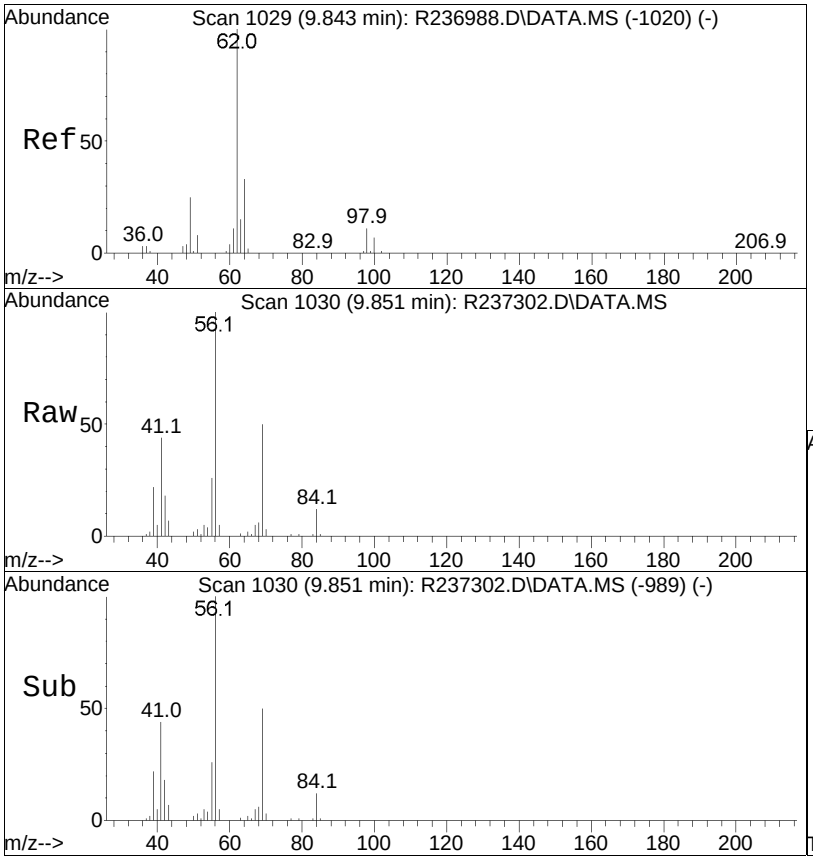


#40
Tetrahydrofuran
Concen: 0.22 ppbV
RT: 9.476 min Scan# 984
Delta R.T. 0.032 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 42 Resp: 2416

Ion	Ratio	Lower	Upper
42	100		
71	54.4	48.6	72.8
72	63.0	51.2	76.8

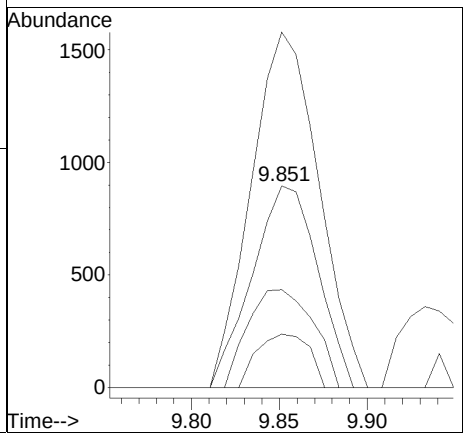


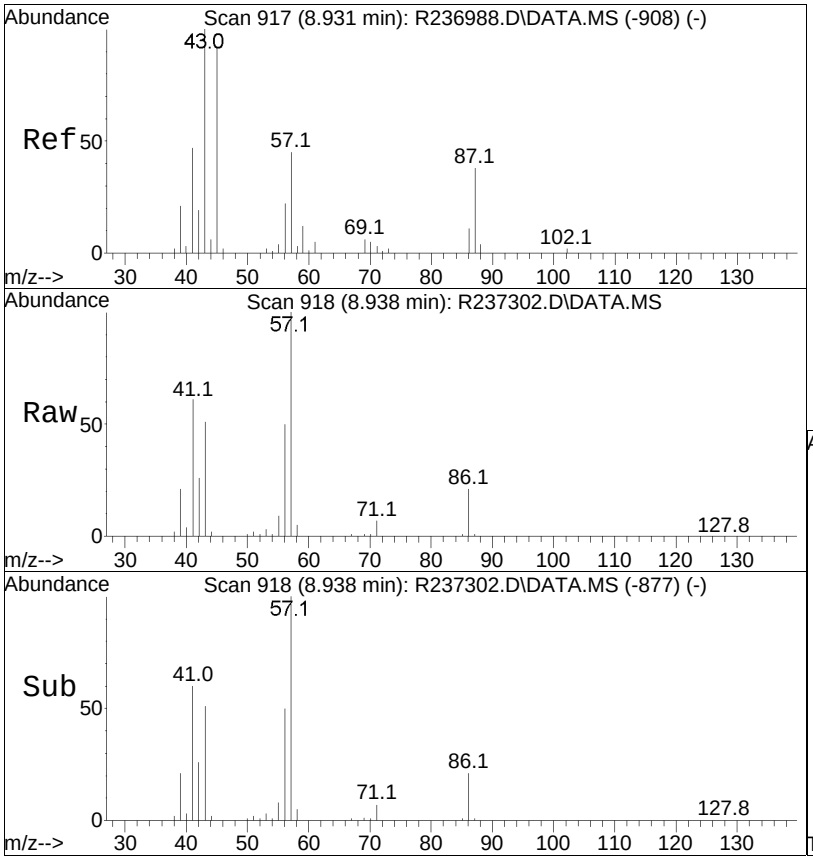


#42
1,2-dichloroethane
Concen: 0.10 ppbV
RT: 9.851 min Scan# 1030
Delta R.T. 0.008 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 62 Resp: 2321

Ion	Ratio	Lower	Upper
62	100		
64	26.5	26.2	39.4
49	48.5	20.2	30.2#
63	176.3	12.4	18.6#

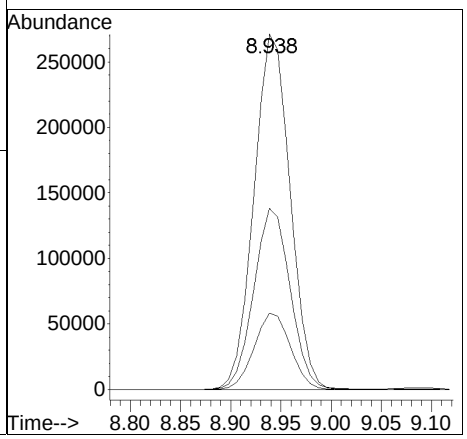


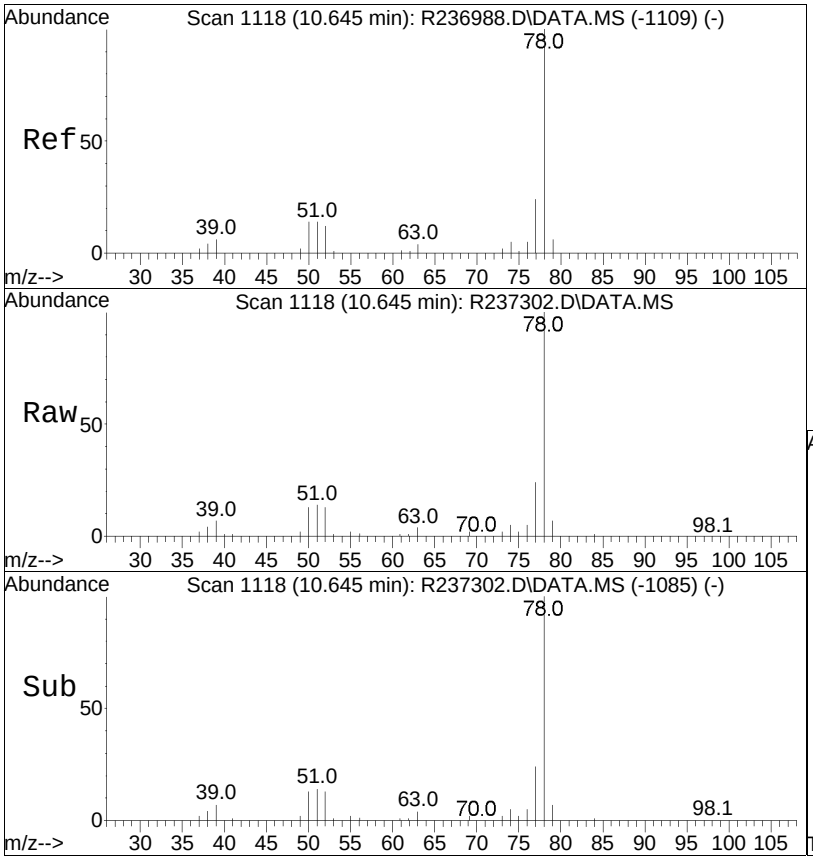


#44
hexane
Concen: 39.65 ppbV
RT: 8.938 min Scan# 918
Delta R.T. 0.008 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 57 Resp: 678264

Ion	Ratio	Lower	Upper
57	100		
43	50.9	177.1	265.7#
86	21.5	18.6	28.0

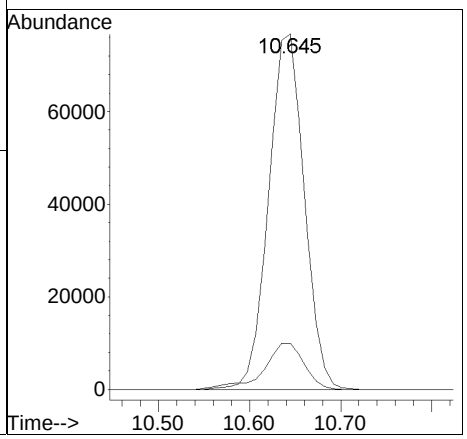


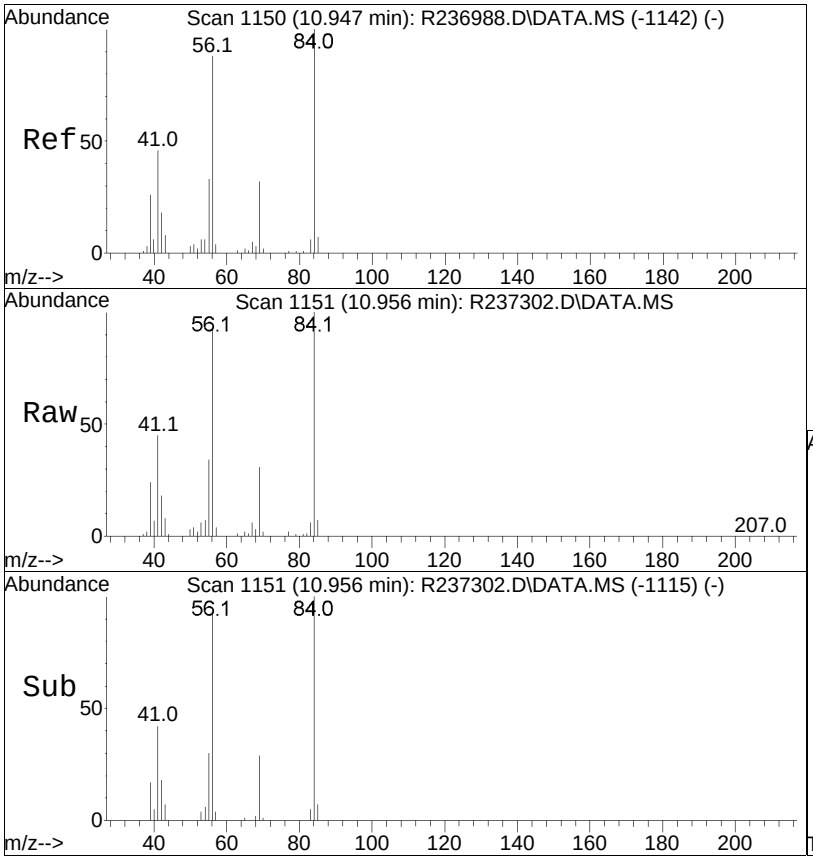


#50
benzene
Concen: 4.44 ppbV
RT: 10.645 min Scan# 1118
Delta R.T. -0.000 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 78 Resp: 208408

Ion	Ratio	Lower	Upper
78	100		
52	13.0	9.9	14.9

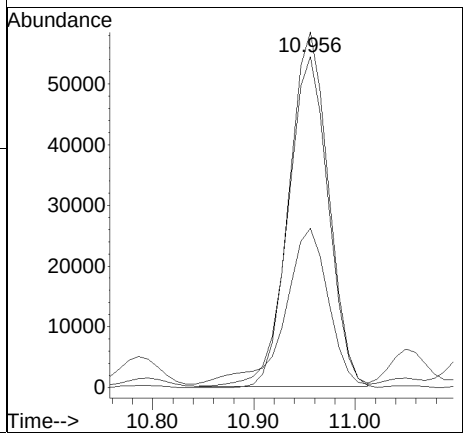


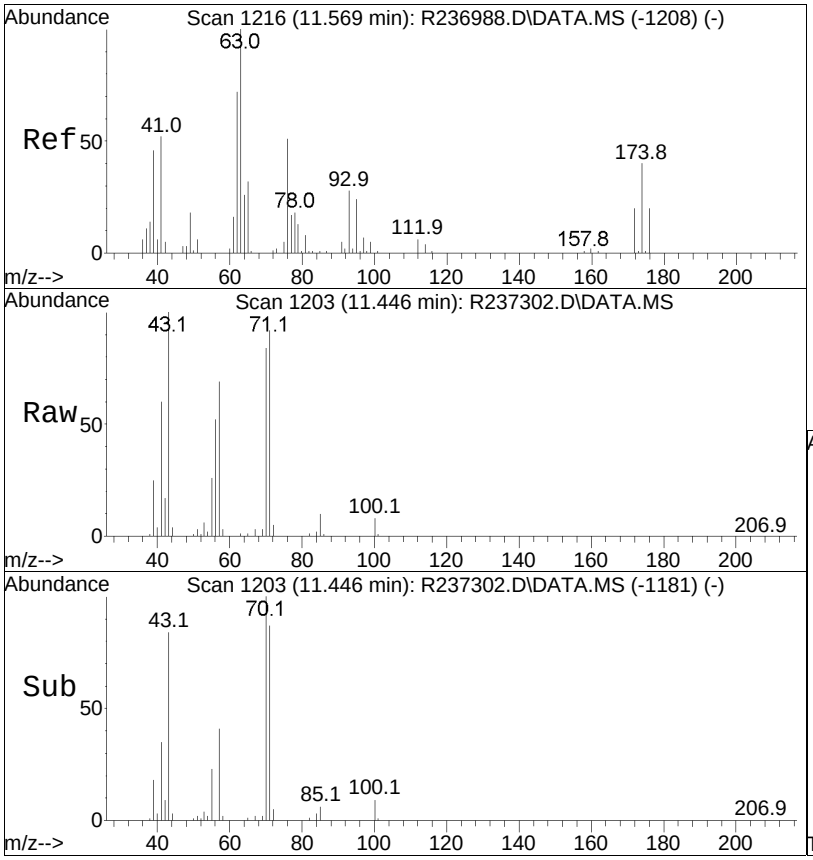


#53
cyclohexane
Concen: 8.76 ppbV
RT: 10.956 min Scan# 1151
Delta R.T. 0.009 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 56 Resp: 150530

Ion	Ratio	Lower	Upper
56	100		
84	107.5	91.1	136.7
41	48.1	42.2	63.2

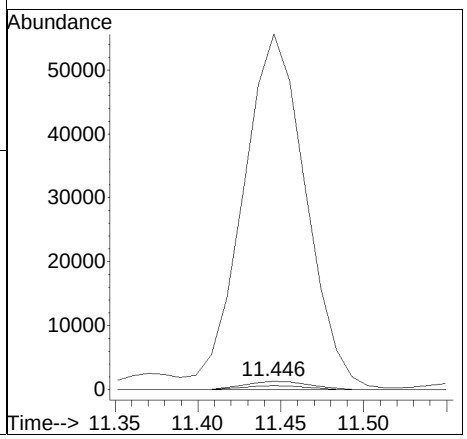


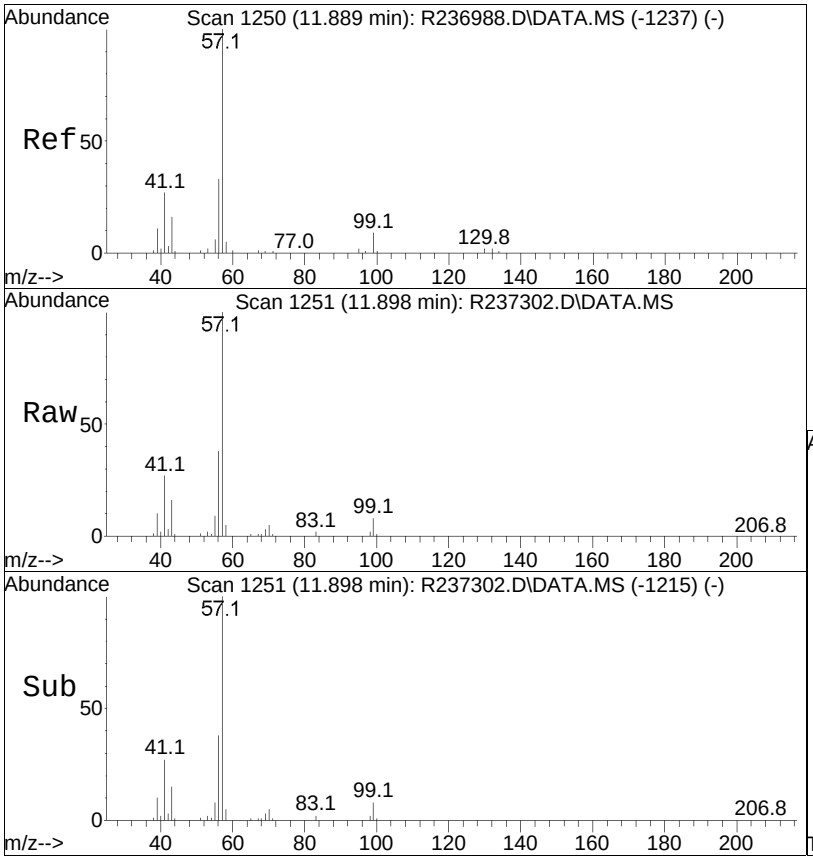


#56
1,2-dichloropropane
Concen: 0.23 ppbV
RT: 11.446 min Scan# 1203
Delta R.T. -0.123 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 63 Resp: 3382

Ion	Ratio	Lower	Upper
63	100		
62	47.1	57.8	86.6#
39	4369.5	37.0	55.4#

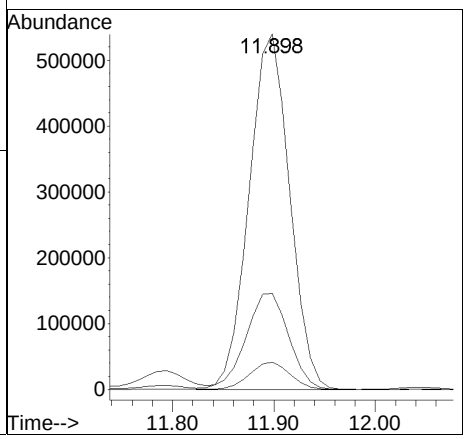


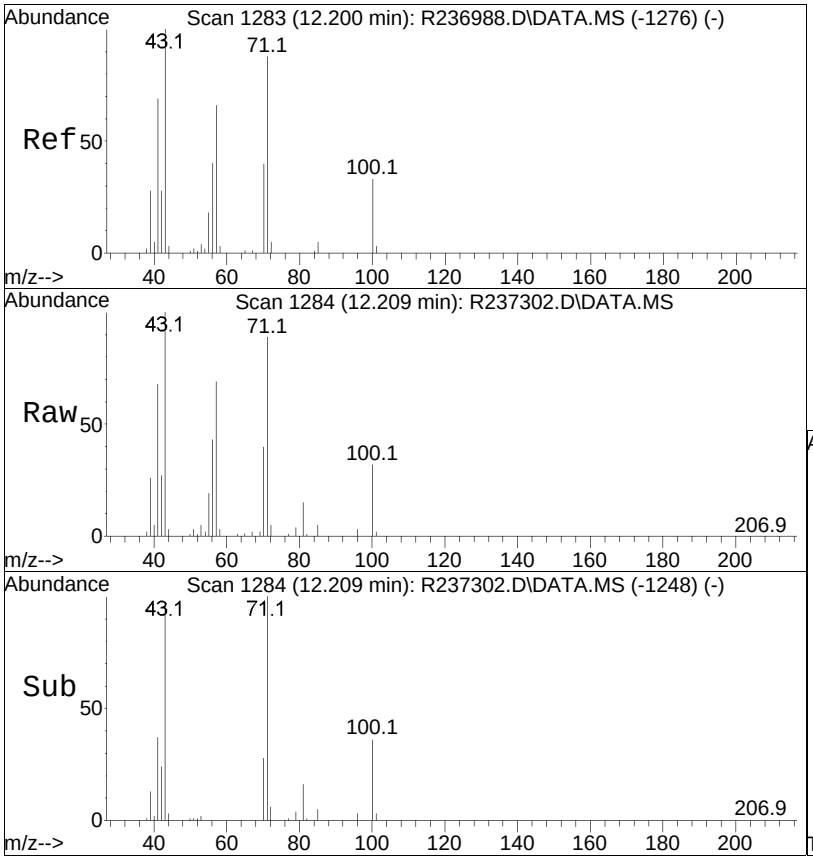


#60
2,2,4-trimethylpentane
Concen: 28.38 ppbV
RT: 11.898 min Scan# 1251
Delta R.T. 0.009 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 57 Resp: 1501823

Ion	Ratio	Lower	Upper
57	100		
99	7.7	6.8	10.2
41	27.0	21.8	32.8

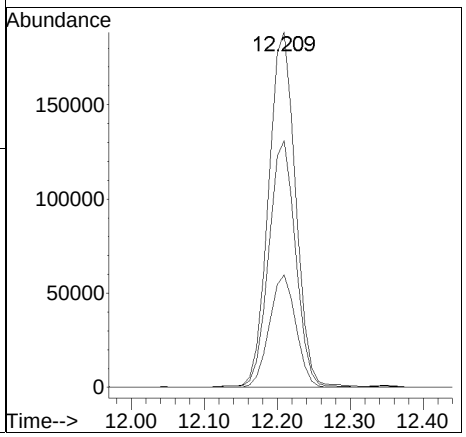


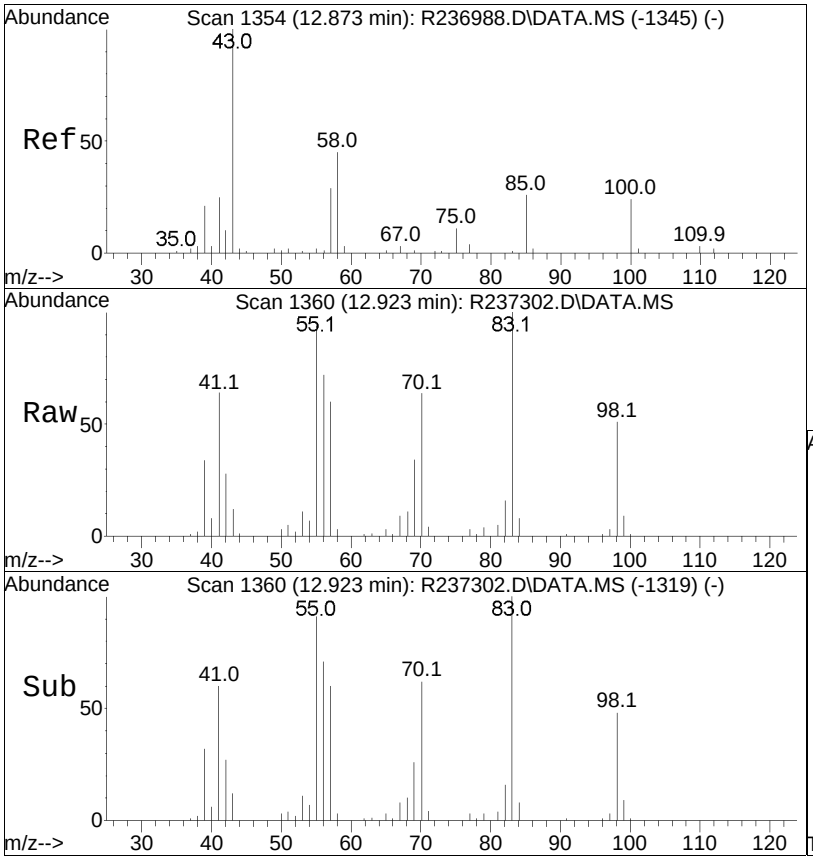


#62
heptane
Concen: 30.04 ppbV
RT: 12.209 min Scan# 1284
Delta R.T. 0.009 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 43 Resp: 487745

Ion	Ratio	Lower	Upper
43	100		
57	69.5	52.8	79.2
100	31.7	26.8	40.2

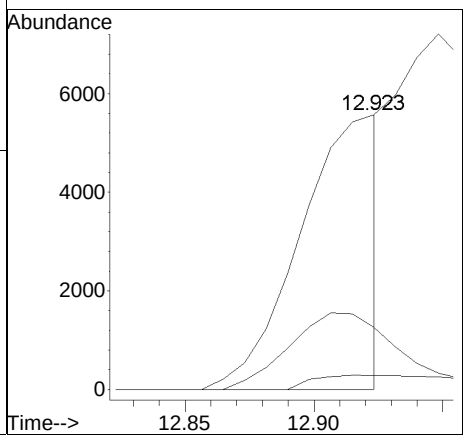


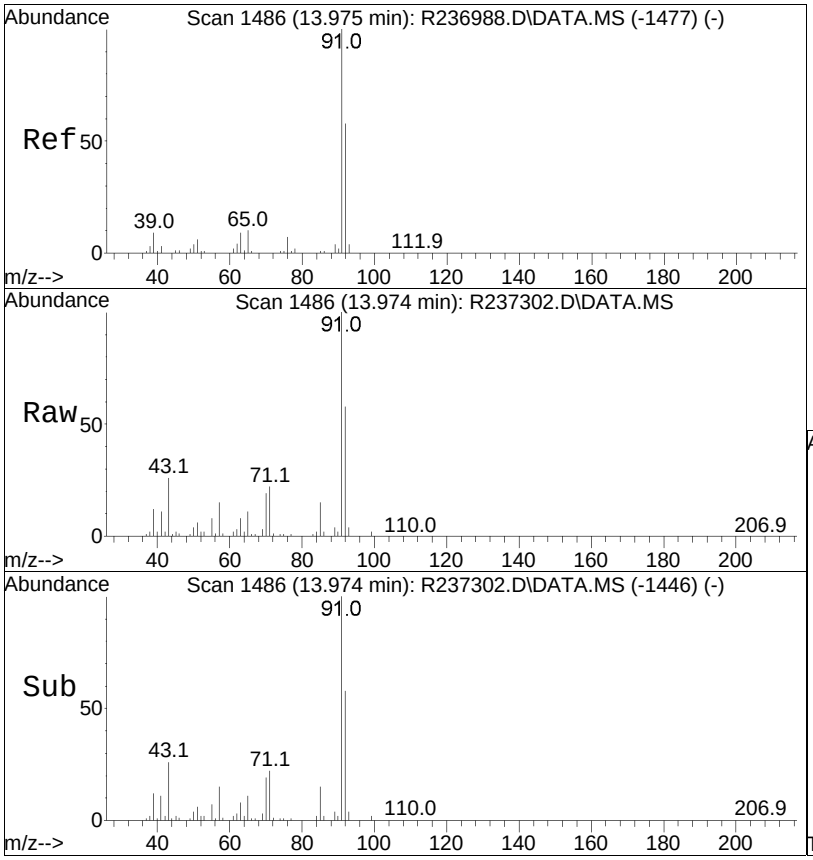


#64
4-methyl-2-pentanone
Concen: 0.51 ppbV m
RT: 12.923 min Scan# 1360
Delta R.T. 0.050 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 43 Resp: 12014

Ion	Ratio	Lower	Upper
43	100		
58	22.6	35.7	53.5#
100	5.1	19.0	28.6#

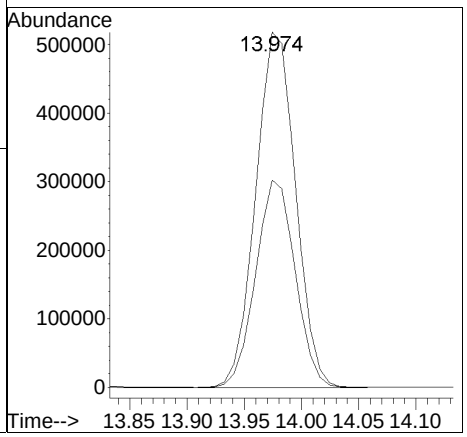


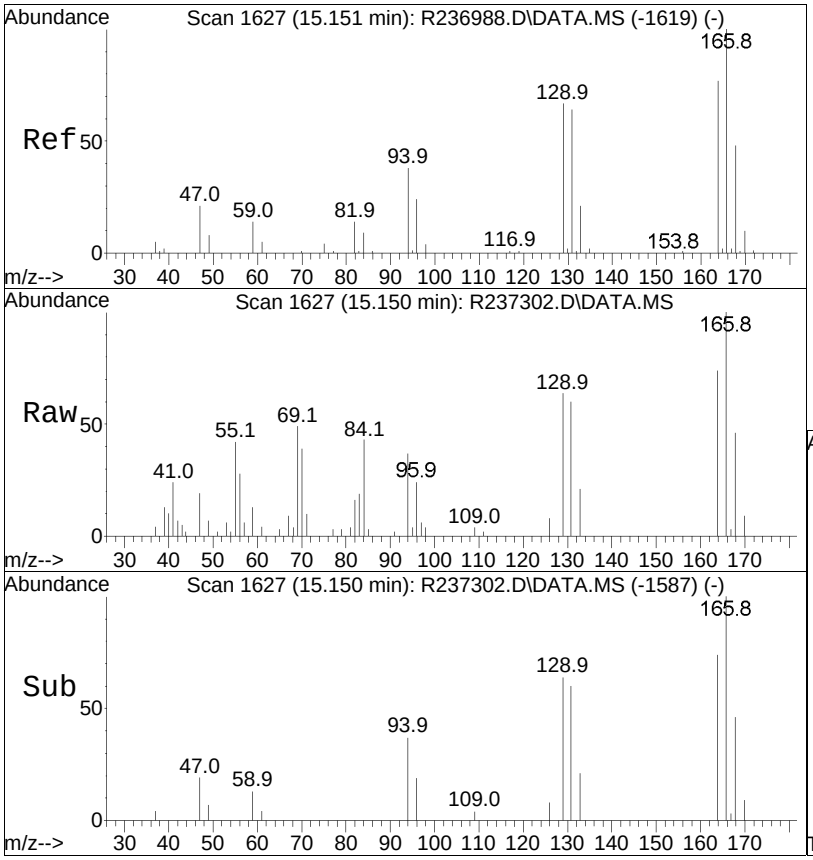


#68
toluene
Concen: 19.27 ppbV
RT: 13.974 min Scan# 1486
Delta R.T. -0.000 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 91 Resp: 1253959

Ion	Ratio	Lower	Upper
91	100		
92	58.4	46.6	70.0

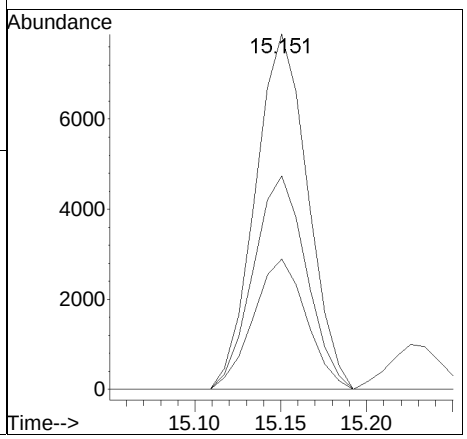


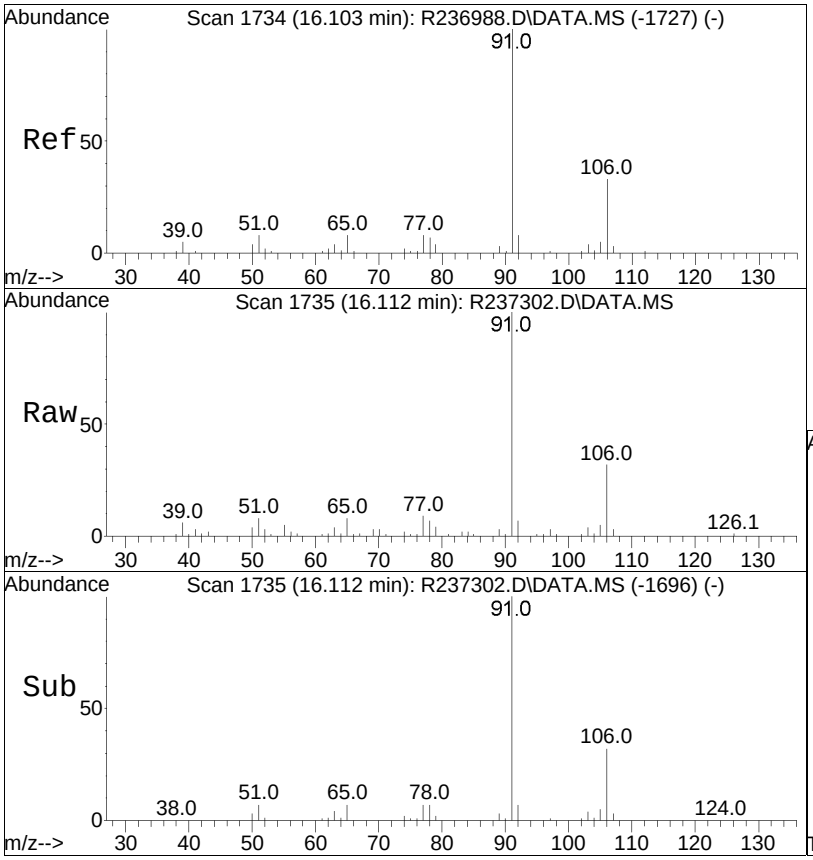


#78
tetrachloroethene
Concen: 0.41 ppbV
RT: 15.150 min Scan# 1627
Delta R.T. -0.000 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion:166 Resp: 16765

Ion	Ratio	Lower	Upper
166	100		
131	60.1	51.4	77.0
94	36.7	30.2	45.2

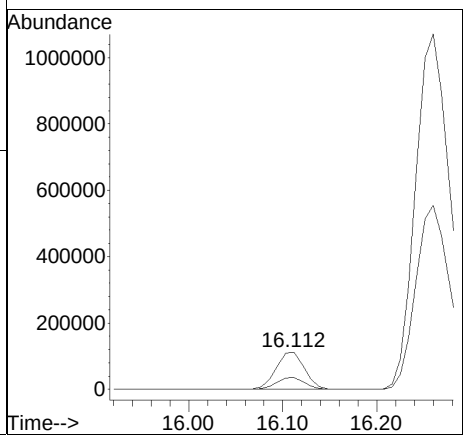


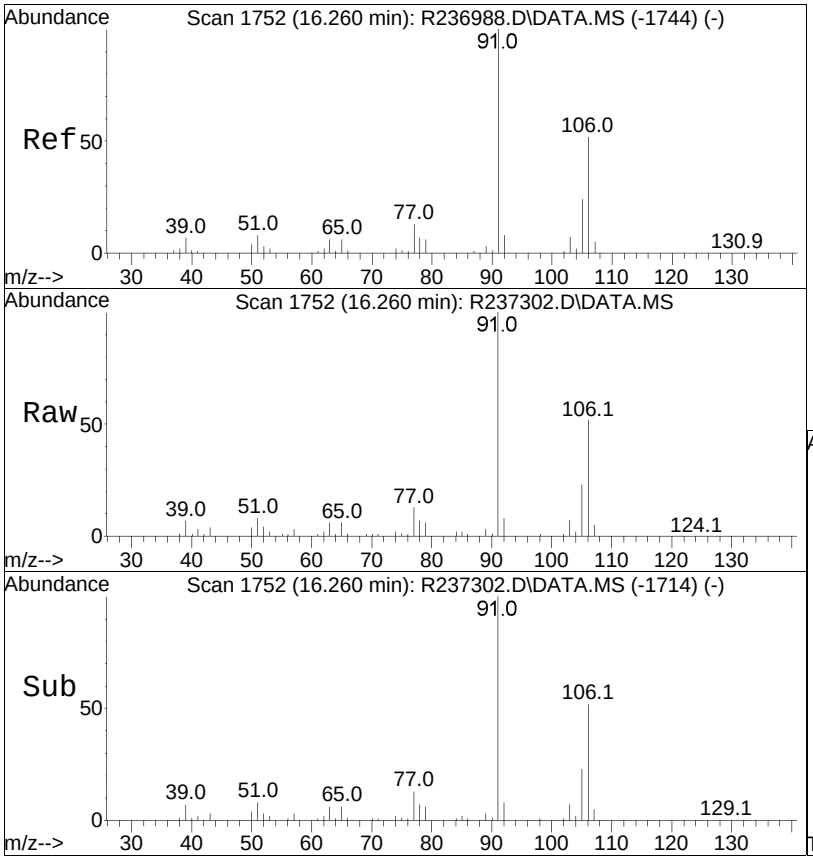


#81
ethylbenzene
Concen: 2.88 ppbV
RT: 16.112 min Scan# 1735
Delta R.T. 0.008 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 91 Resp: 239356

Ion	Ratio	Lower	Upper
91	100		
106	32.0	26.6	40.0

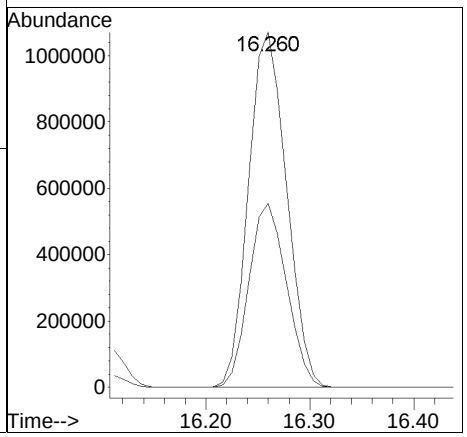


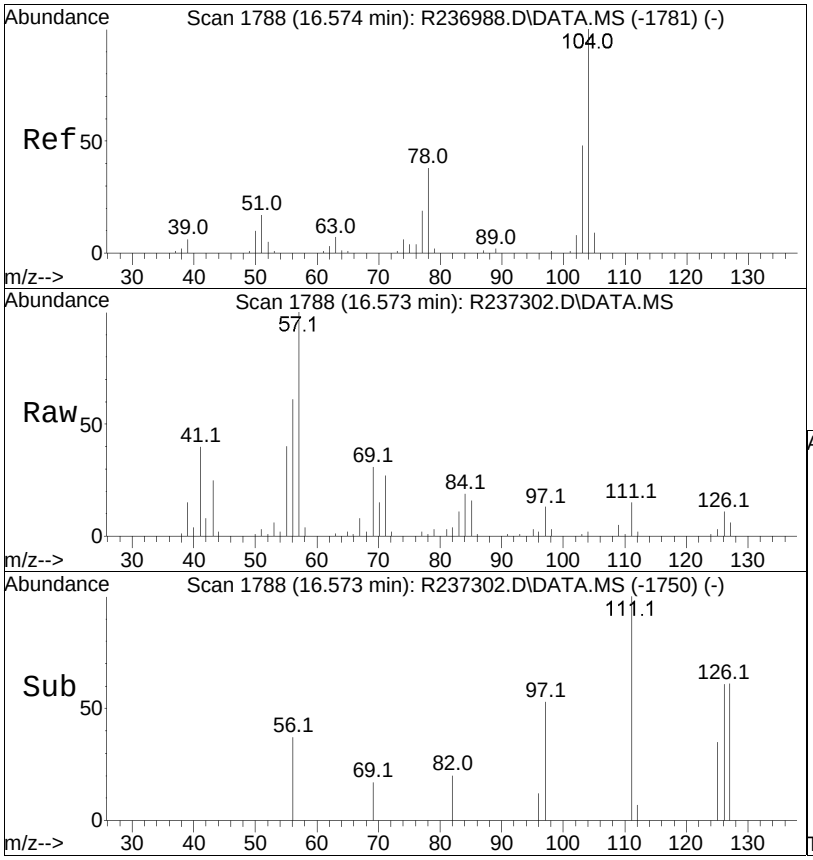


#83
m+p-xylene
Concen: 43.03 ppbV
RT: 16.260 min Scan# 1752
Delta R.T. -0.000 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 91 Resp: 2719083

Ion	Ratio	Lower	Upper
91	100		
106	51.8	41.7	62.5

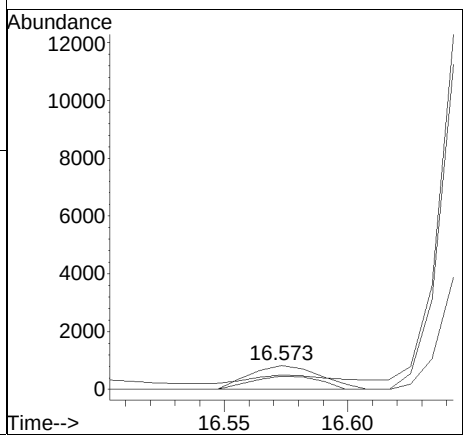


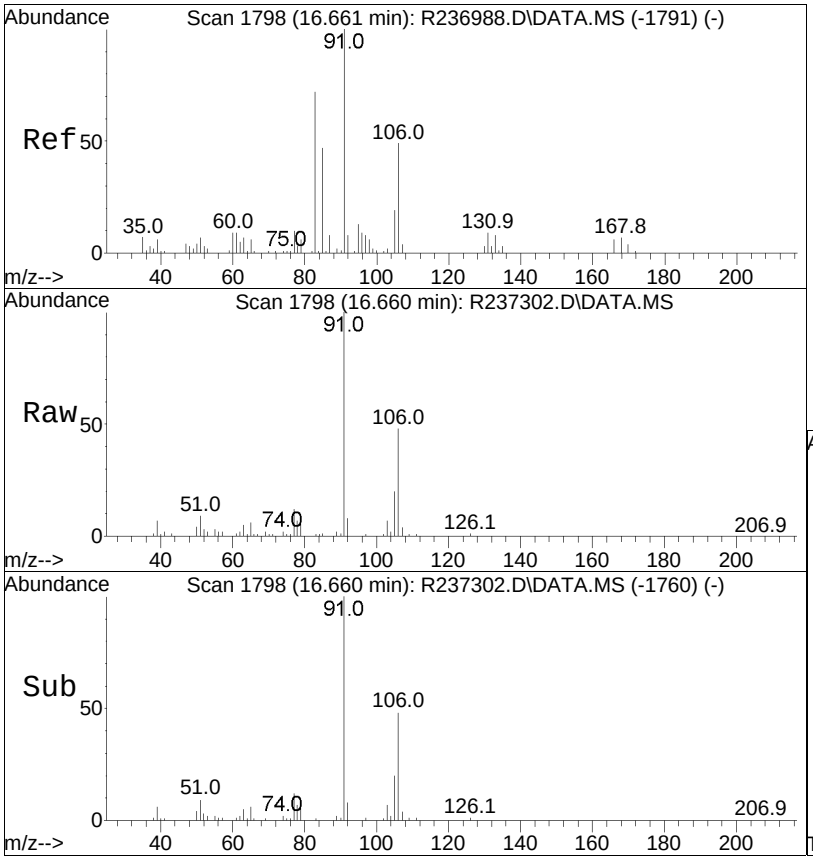


#85
styrene
Concen: 0.03 ppbV
RT: 16.573 min Scan# 1788
Delta R.T. -0.000 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion:104 Resp: 1650

Ion	Ratio	Lower	Upper
104	100		
103	56.1	38.2	57.4
78	60.5	30.6	45.8#

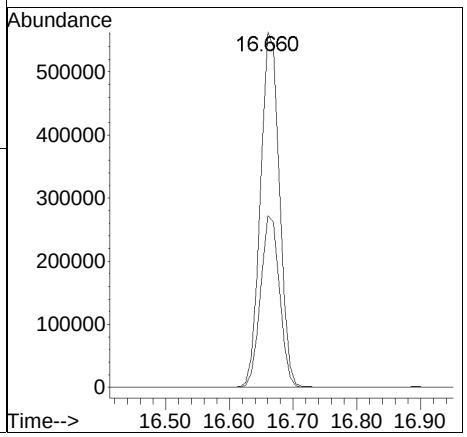


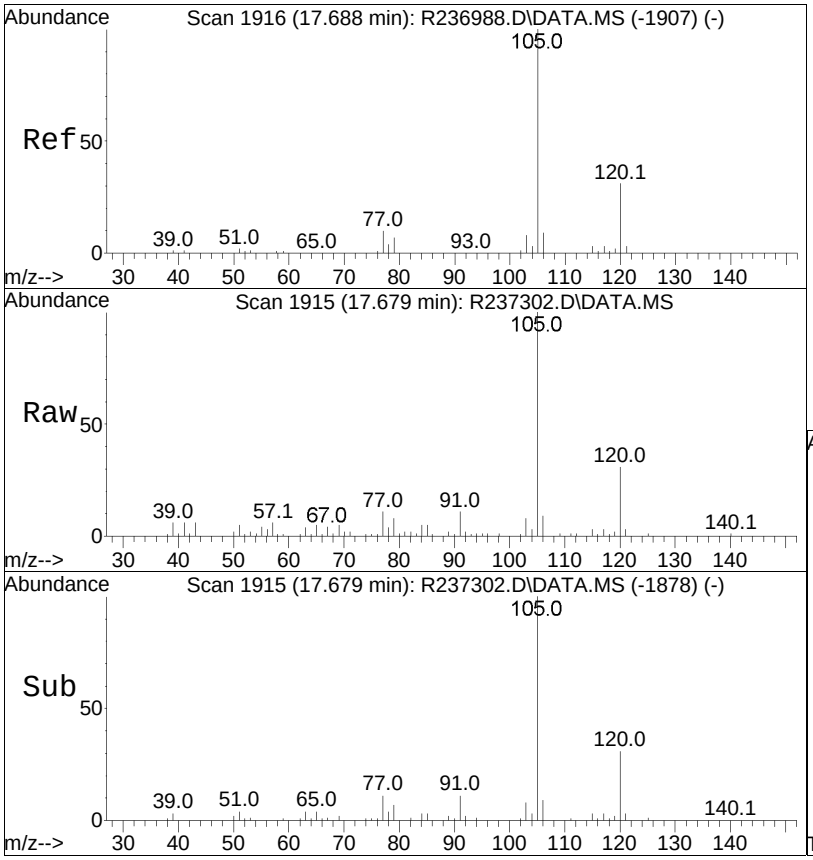


#87
o-xylene
Concen: 18.24 ppbV
RT: 16.660 min Scan# 1798
Delta R.T. -0.000 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion: 91 Resp: 1164955

Ion	Ratio	Lower	Upper
91	100		
106	48.4	39.6	59.4

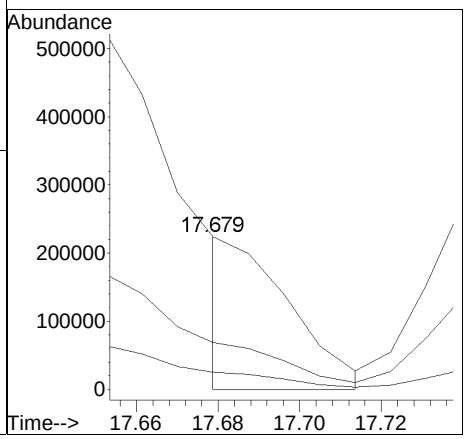


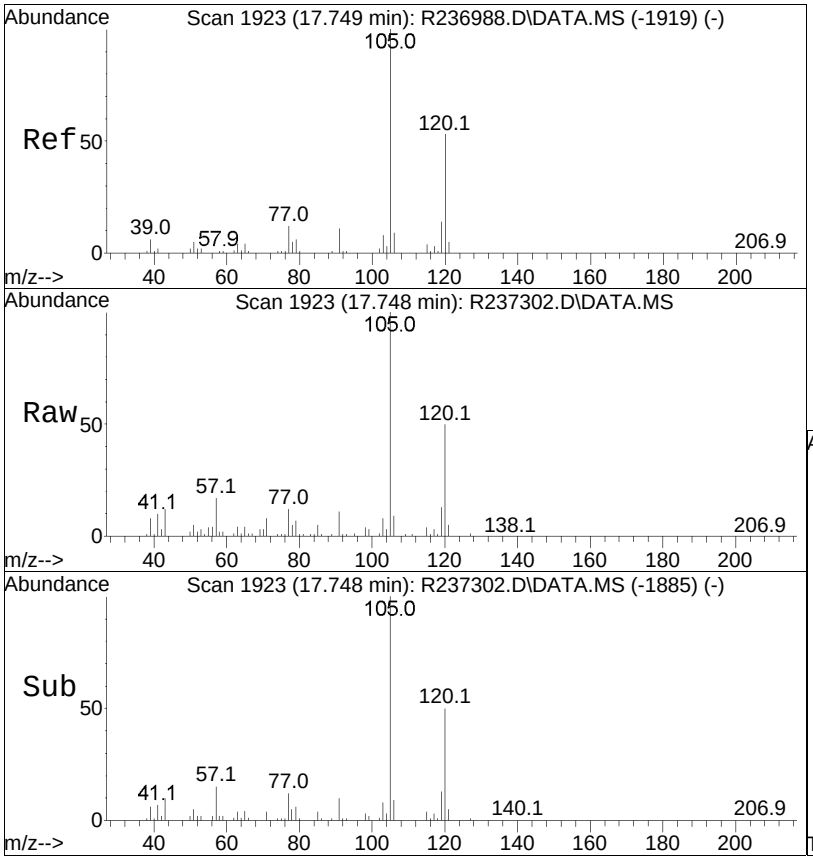


#96
4-ethyl toluene
Concen: 2.68 ppbV m
RT: 17.679 min Scan# 1915
Delta R.T. -0.009 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion:105 Resp: 224789

Ion	Ratio	Lower	Upper
105	100		
120	30.7	25.1	37.7
91	11.3	8.8	13.2

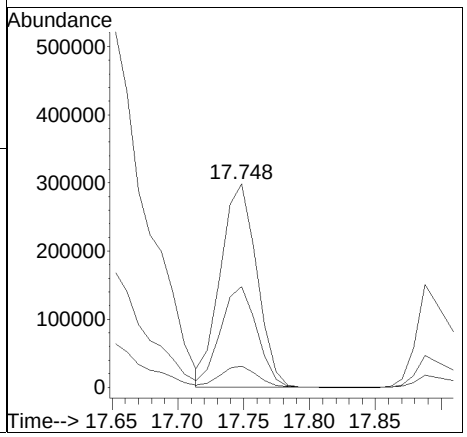


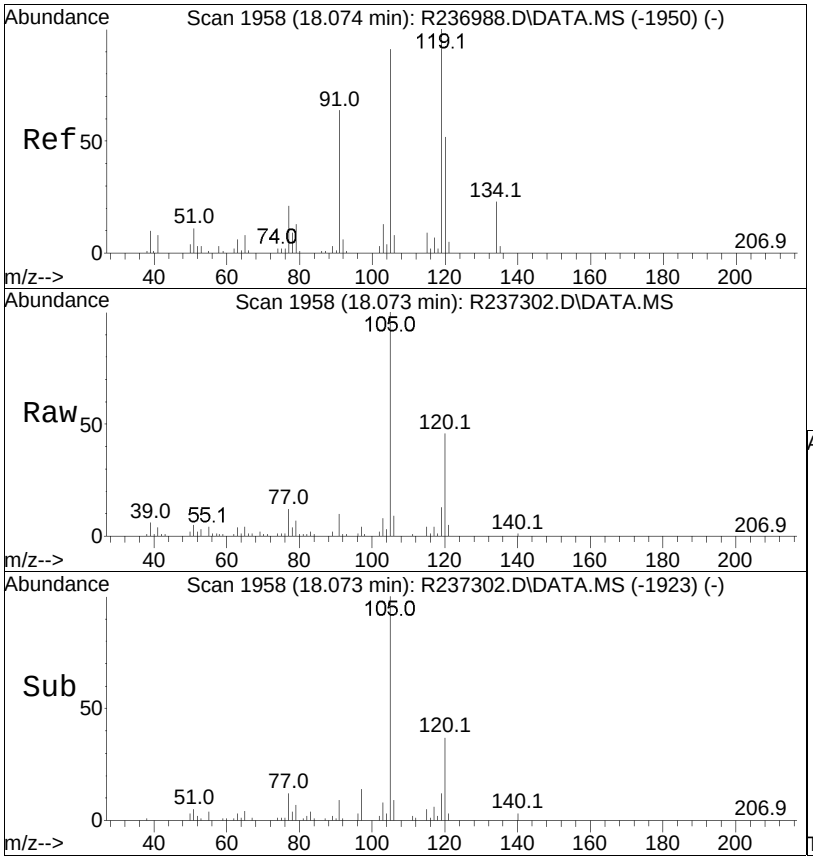


#97
1,3,5-trimethylbenzene
Concen: 8.14 ppbV
RT: 17.748 min Scan# 1923
Delta R.T. -0.000 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion:105 Resp: 575744

Ion	Ratio	Lower	Upper
105	100		
120	49.6	40.7	61.1
91	10.5	8.5	12.7

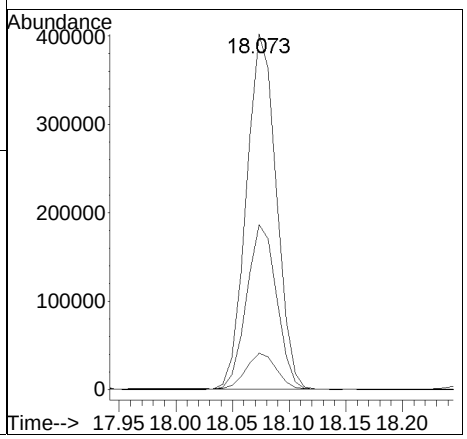




#99
1,2,4-trimethylbenzene
Concen: 9.75 ppbV
RT: 18.073 min Scan# 1958
Delta R.T. -0.001 min
Lab File: R237302.D
Acq: 12 Dec 2025 10:06 am

Tgt Ion:105 Resp: 736848

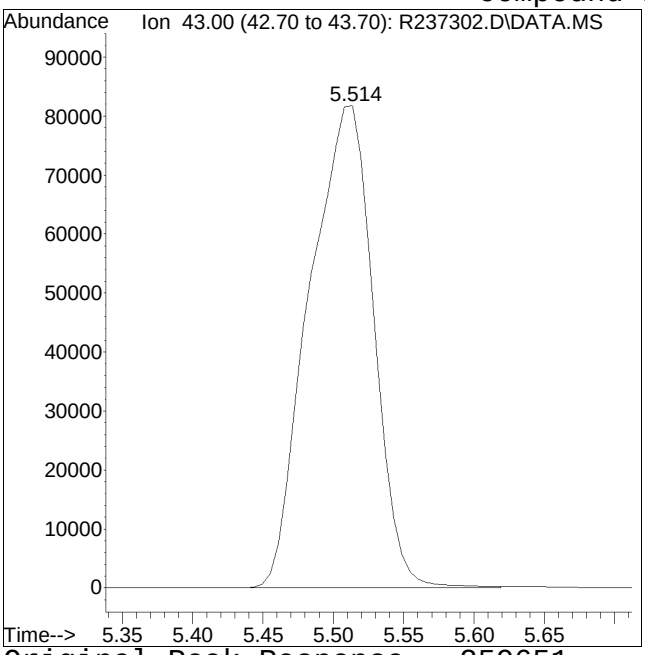
Ion	Ratio	Lower	Upper
105	100		
120	46.4	45.9	68.9
91	10.2	56.2	84.2#



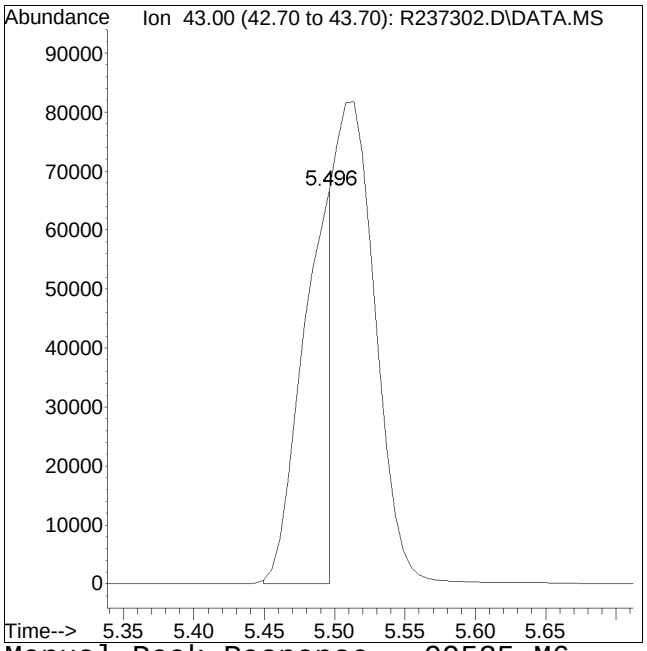
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R237302.D Operator : AIRLAB23:APR
Date Inj'd : 12/12/2025 10:06 am Instrument : Airlab 23
Sample : L2577844-02D,3,75,250 Quant Date : 12/12/2025 10:41 am

Compound #19: acetone



Original Peak Response = 259651



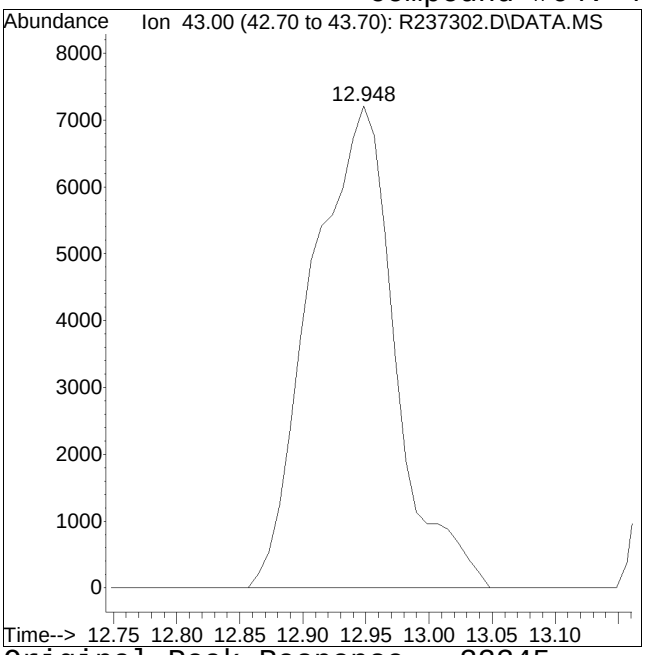
Manual Peak Response = 99535 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

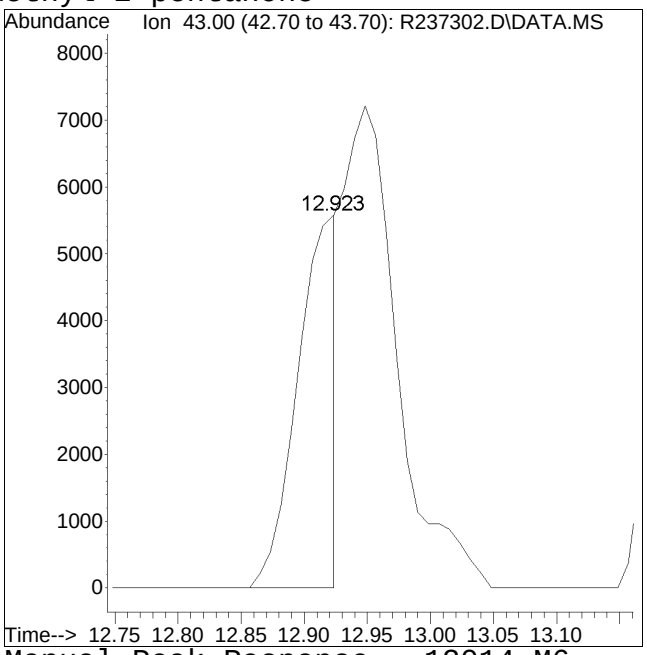
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R237302.D Operator : AIRLAB23:APR
Date Inj'd : 12/12/2025 10:06 am Instrument : Airlab 23
Sample : L2577844-02D,3,75,250 Quant Date : 12/12/2025 10:41 am

Compound #64: 4-methyl-2-pentanone



Original Peak Response = 33345



Manual Peak Response = 12014 M6

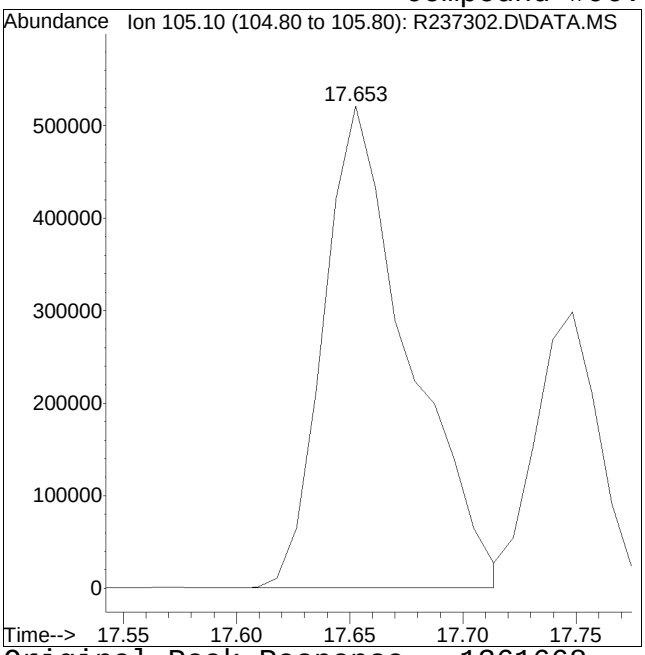
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

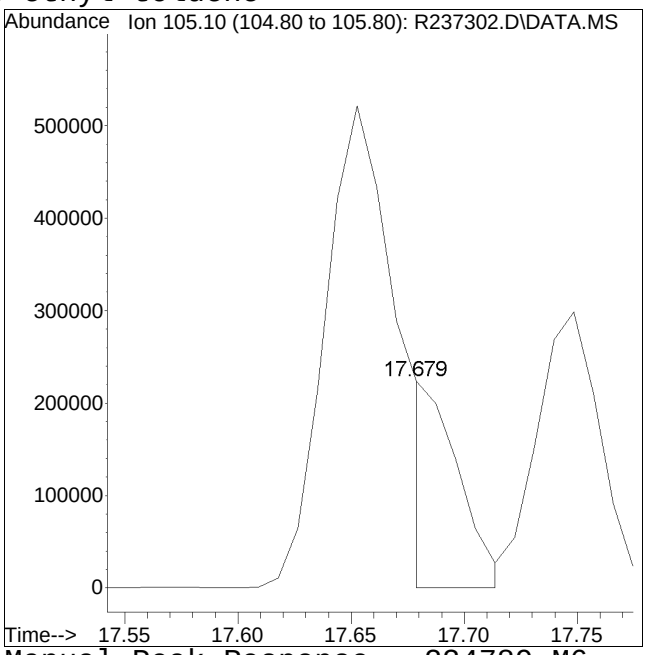
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R237302.D
Date Inj'd : 12/12/2025 10:06 am
Sample : L2577844-02D,3,75,250

Method : TFS23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/12/2025 10:41 am

Compound #96: 4-ethyl toluene



Original Peak Response = 1361668



Manual Peak Response = 224789 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2577844**
Project Name	**: 1885 ATLANTIC**	**Project Number**	**: 205125**
Instrument ID	**: AIRLAB23**	**Ical Ref**	**: ICAL22840**
Calibration dates	**: 11/21/25 22:35 11/22/25 03:11**		

Calibration Files

0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D

50 =R236990.D 100 =R236991.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoromethane	1.183	1.193	1.284	1.057	0.967	0.951	0.911	0.823	1.046	15.33
3)		propylene		0.484	0.454	0.395	0.349	0.397	0.374	0.387	0.406	11.57
4)		propane		0.333	0.336	0.286	0.273	0.283	0.275	0.274	0.294	9.47
5)		dichlorodifluoromethane	3.097	2.941	3.061	2.700	2.546	2.572	2.418	2.296	2.704	11.08
6)	C	chloromethane	0.869	0.815	0.826	0.712	0.714	0.726	0.689	0.647	0.750	10.29
7)		Freon-114	3.722	3.589	3.678	3.227	3.160	3.124	2.902	2.527	3.241	12.72
8)	C	methanol			0.229	0.190	0.185	0.189	0.183	0.173	0.192	10.16
9)	C	vinyl chloride	1.185	1.125	1.083	0.968	0.953	0.944	0.881	0.827	0.996	12.41
10)	C	1,3-butadiene	0.754	0.741	0.707	0.583	0.574	0.626	0.589	0.548	0.640	12.76
11)		butane	1.518	1.362	1.297	1.140	1.144	1.143	1.066	0.983	1.207	14.40
13)	C	bromomethane	1.371	1.352	1.369	1.189	1.187	1.183	1.096	0.980	1.216	11.58
14)	C	chloroethane	0.660	0.651	0.643	0.563	0.574	0.567	0.530	0.482	0.584	10.79
15)		ethanol			0.379	0.389	0.378	0.400	0.382	0.385	0.386	2.11
16)		dichlorofluoromethane	2.120	2.071	2.080	1.867	1.856	1.933	1.912	2.029	1.983	5.22
17)	C	vinyl bromide	0.952	0.995	0.957	0.836	0.832	0.956	0.947	0.904	0.922	6.50
18)	C	acrolein		0.336	0.343	0.313	0.317	0.329	0.325	0.313	0.325	3.60
19)		acetone	1.163	1.078	1.064	0.871	0.857	0.946	0.934	0.899	0.977	11.41
20)	C	acetonitrile	0.677	0.556	0.510	0.465	0.462	0.555	0.484	0.472	0.523	13.93
21)		trichlorofluoromethane	3.193	3.146	3.059	2.808	2.755	2.813	2.714	2.588	2.884	7.63
22)		isopropyl alcohol	1.210	1.124	1.101	0.922	0.864	1.009	1.002	0.990	1.028	10.93
23)	C	acrylonitrile	0.636	0.531	0.609	0.526	0.528	0.551	0.564	0.576	0.565	7.11
24)		pentane	1.151	1.256	1.219	1.076	1.044	1.077	1.075	1.081	1.122	6.92
25)		ethyl ether	0.574	0.578	0.545	0.498	0.491	0.512	0.520	0.567	0.536	6.52
26)	C	1,1-dichloroethene	1.874	1.434	1.457	1.576	1.530	1.537	1.466	1.447	1.540	9.35
27)		tertiary butyl alcohol		1.284	1.386	1.374	1.144	1.032	1.037	1.772	1.290	20.02
28)	C	methylene chloride		0.957	0.953	0.827	0.793	0.915	0.886	0.743	0.868	9.50
29)	C	3-chloropropene	0.869	0.769	0.736	0.624	0.601	0.675	0.662	0.655	0.699	12.58
30)	C	carbon disulfide	2.466	2.614	2.530	2.119	2.055	2.283	2.226	2.180	2.309	8.84
31)		Freon 113	2.565	2.582	2.520	2.231	2.165	2.209	2.159	2.087	2.315	8.84
32)		trans-1,2-dichloroethene	1.214	1.218	1.205	1.043	1.026	1.150	1.107	1.058	1.128	7.09
33)	C	1,1-dichloroethane	1.711	1.732	1.684	1.573	1.538	1.557	1.483	1.414	1.587	7.14
34)	C	MTBE	2.634	2.698	2.649	2.209	2.151	2.360	2.252	2.139	2.386	9.95
35)	C	vinyl acetate			1.542	1.068	1.162	1.443	1.514	1.521	1.375	15.02
36)	C	2-butanone		1.363	1.360	1.158	1.132	1.270	1.242	1.204	1.247	7.31
37)		cis-1,2-dichloroethene	1.282	1.295	1.290	1.199	1.184	1.216	1.171	1.116	1.219	5.32

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2577844**
Project Name	**: 1885 ATLANTIC**	**Project Number**	**: 205125**
Instrument ID	**: AIRLAB23**	**Ical Ref**	**: ICAL22840**
Calibration dates	**: 11/21/25 22:35 11/22/25 03:11**		

Calibration Files

0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D

50 =R236990.D 100 =R236991.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
38)		Ethyl Acetate		0.249	0.242	0.219	0.213	0.237	0.240	0.233	0.233	5.52
39)	C	chloroform	2.507	2.435	2.424	2.197	2.136	2.164	2.111	2.052	2.253	7.73
40)		Tetrahydrofuran	0.768	0.772	0.735	0.539	0.538	0.610	0.602	0.588	0.644	15.33
41)		2,2-dichloropropane	1.839	1.851	1.887	1.760	1.741	1.792	1.782	1.782	1.804	2.75
42)	C	1,2-dichloroethane	1.385	1.454	1.393	1.304	1.298	1.330	1.298	1.254	1.340	4.90
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.289	0.287	0.287	0.227	0.237	0.260	0.270	0.270	0.266	8.83
45)		diisopropyl ether	0.213	0.205	0.221	0.201	0.208	0.212	0.212	0.208	0.210	2.89
46)		tert-butyl ethyl ether	0.641	0.628	0.649	0.587	0.605	0.608	0.599	0.586	0.613	3.90
47)	s	1,2-dichloroethane-D4				0.269	0.280	0.278	0.280	0.271	0.276	1.92
48)	C	1,1,1-trichloroethane	0.641	0.619	0.644	0.570	0.593	0.608	0.597	0.650	0.615	4.62
49)		1,1-dichloropropene	0.385	0.375	0.389	0.355	0.375	0.381	0.369	0.355	0.373	3.39
50)	C	benzene	0.782	0.774	0.788	0.698	0.722	0.722	0.695	0.648	0.729	6.81
52)	C	carbon tetrachloride	0.704	0.709	0.714	0.625	0.645	0.665	0.672	0.663	0.675	4.76
53)		cyclohexane	0.314	0.285	0.289	0.233	0.239	0.262	0.259	0.256	0.267	10.20
54)		tert-amyl methyl ether	0.673	0.660	0.673	0.620	0.653	0.679	0.673	0.655	0.661	2.90
55)		dibromomethane	0.347	0.343	0.360	0.330	0.344	0.356	0.352	0.342	0.347	2.70
56)	C	1,2-dichloropropane	0.253	0.231	0.235	0.219	0.223	0.226	0.222	0.219	0.229	4.94
57)		bromodichloromethane	0.560	0.576	0.581	0.493	0.513	0.569	0.567	0.546	0.550	5.75
58)	C	1,4-dioxane	0.162	0.161	0.170	0.147	0.150	0.170	0.169	0.167	0.162	5.53
59)	C	trichloroethene	0.460	0.446	0.468	0.406	0.421	0.427	0.431	0.423	0.435	4.82
60)	C	2,2,4-trimethylpentane	0.896	0.888	0.902	0.732	0.747	0.808	0.802	0.804	0.822	8.08
61)		methyl methacrylate		0.234	0.224	0.206	0.214	0.222	0.228	0.235	0.223	4.81
62)		heptane	0.287	0.263	0.263	0.216	0.225	0.247	0.255	0.261	0.252	8.98
63)	C	cis-1,3-dichloropropene	0.364	0.386	0.393	0.377	0.397	0.414	0.410	0.395	0.392	4.17
64)	C	4-methyl-2-pentanone		0.375	0.380	0.334	0.347	0.377	0.377	0.373	0.366	4.89
65)		trans-1,3-dichloropropene	0.273	0.286	0.312	0.301	0.322	0.336	0.336	0.322	0.311	7.33
66)	C	1,1,2-trichloroethane	0.402	0.361	0.377	0.344	0.356	0.363	0.351	0.330	0.360	6.07
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	7.888	7.523	7.632	6.705	6.716	6.830	6.209	5.880	6.923	10.20
69)	s	toluene-D8			6.647	6.429	6.379	6.517	6.001	5.904	6.313	4.67
71)		1,3-dichloropropane	3.247	3.204	3.319	2.932	2.893	2.959	2.702	2.709	2.996	7.93
72)		2-hexanone	2.499	2.489	2.596	2.285	2.271	2.605	2.589	2.551	2.486	5.44
74)		dibromochloromethane	5.175	4.771	5.078	4.271	4.361	5.040	4.801	4.681	4.772	6.89
75)	C	1,2-dibromoethane	4.349	4.115	4.348	3.940	4.029	4.164	3.883	3.731	4.070	5.37
76)		butyl acetate		0.876	0.858	0.803	0.800	0.837	0.775	0.774	0.818	4.92

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2577844**
Project Name	**: 1885 ATLANTIC**	**Project Number**	**: 205125**
Instrument ID	**: AIRLAB23**	**Ical Ref**	**: ICAL22840**
Calibration dates	**: 11/21/25 22:35 11/22/25 03:11**		

Calibration Files

0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D

50 =R236990.D 100 =R236991.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
77)		octane	2.234	2.180	2.361	1.993	1.987	2.040	1.914	1.942	2.082	7.63
78)	C	tetrachloroethene	4.765	4.512	4.652	4.087	4.139	4.348	4.205	4.033	4.343	6.30
79)		1,1,1,2-tetrachloroethane	3.606	3.532	3.699	3.357	3.481	3.795	3.698	3.391	3.570	4.39
80)	C	chlorobenzene	6.232	6.153	6.242	5.596	5.664	5.934	5.599	5.229	5.831	6.29
81)	C	ethylbenzene	9.382	9.320	9.567	8.719	8.771	8.976	8.252	7.819	8.851	6.72
83)	C	m+p-xylene	7.427	7.099	7.328	6.444	6.479	6.625	6.357	6.025	6.723	7.48
84)	C	bromoform	4.679	4.631	4.880	4.141	4.334	5.330	5.353	5.003	4.794	9.09
85)	C	styrene	5.527	5.210	5.457	5.138	5.250	5.525	5.178	4.972	5.282	3.81
86)	C	1,1,2,2-tetrachloroethane	5.355	5.148	5.186	4.721	4.789	4.966	4.794	4.181	4.893	7.44
87)	C	o-xylene	7.592	7.074	7.347	6.510	6.595	6.836	6.613	5.795	6.795	8.20
88)		1,2,3-trichloropropane	3.711	3.497	3.669	3.267	3.265	3.397	3.251	3.315	3.422	5.41
89)		nonane	2.972	2.725	2.867	2.568	2.590	2.758	2.867	2.840	2.774	5.10
90)	s	bromofluorobenzene			3.521	3.552	3.489	3.624	3.566	3.515	3.545	1.34
91)	C	isopropylbenzene	0.992	0.973	1.005	0.932	0.950	1.006	0.936	0.861	0.957	5.07
92)		bromobenzene	4.550	4.482	4.553	4.093	4.116	4.335	4.233	4.243	4.326	4.28
93)		2-chlorotoluene	2.780	2.718	2.958	2.722	2.687	3.011	2.824	2.803	2.813	4.14
94)		n-propylbenzene	2.852	2.850	2.937	2.725	2.769	2.980	2.886	2.845	2.855	2.89
95)		4-chlorotoluene	2.667	2.634	2.634	2.390	2.560	2.712	2.719	2.678	2.624	4.09
96)		4-ethyl toluene	9.408	9.070	9.551	8.429	8.232	9.592	8.836	8.377	8.937	6.16
97)		1,3,5-trimethylbenzene	7.929	7.580	7.848	7.059	7.484	7.667	7.525	7.133	7.528	4.09
98)		tert-butylbenzene	9.468	9.138	9.441	8.817	9.160	9.914	9.368	7.104	9.051	9.37
99)		1,2,4-trimethylbenzene	8.122	8.053	8.415	7.944	8.204	8.718	8.478	6.417	8.044	8.75
100)		decane	3.554	3.330	3.578	3.342	3.401	3.689	3.892	3.767	3.569	5.75
101)	C	Benzyl Chloride	4.399	4.691	5.023	5.349	5.814	6.896	7.214	6.576	5.745	18.35
102)		1,3-dichlorobenzene	6.237	6.101	6.551	6.191	6.213	6.869	6.899	6.025	6.386	5.38
103)	C	1,4-dichlorobenzene	5.982	5.988	6.140	5.752	6.120	6.550	6.470	5.941	6.118	4.42
104)		sec-butylbenzene	1.223	1.210	1.241	1.116	1.124	1.186	1.119	0.998	1.152	6.90
106)		p-isopropyltoluene	1.113	1.103	1.128	1.083	1.131	1.224	1.150	0.810	1.093	11.16
107)		1,2-dichlorobenzene	5.969	5.620	5.970	5.791	5.931	6.467	6.476	6.066	6.036	4.98
108)		n-butylbenzene	8.784	8.680	9.116	8.724	8.963	9.332	8.943	8.052	8.824	4.30
111)	C	1,2-dibromo-3-chloropr...	2.003	2.084	2.214	2.316	2.431	2.618	2.750	2.744	2.395	12.11
112)		undecane	6.033	5.556	5.941	5.177	5.578	6.106	5.021	4.029	5.430	12.67
114)		dodecane	2.520	3.017	3.203	3.730	3.928	4.176	4.129	3.825	3.566	16.56
115)	C	1,2,4-trichlorobenzene	3.399	4.004	4.485	5.400	5.946	6.479	6.819	5.971	5.313	23.09
116)		naphthalene	0.718	0.869	0.986	1.214	1.294	1.291	1.236	1.101	1.089	19.54
117)		1,2,3-trichlorobenzene	3.541	4.071	4.461	5.367	5.886	6.162	6.547	5.530	5.196	20.47

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2577844**
Project Name	**: 1885 ATLANTIC**	**Project Number**	**: 205125**
Instrument ID	**: AIRLAB23**	**Ical Ref**	**: ICAL22840**
Calibration dates	**: 11/21/25 22:35 11/22/25 03:11**		

Calibration Files

0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D

50 =R236990.D 100 =R236991.D

	Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
119) C	hexachlorobutadiene	3.541	4.024	4.209	4.659	5.039	5.453	5.813	4.378	4.640	16.37

Response Factor Report Airlab 23

Method Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Method File : TFS23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 15:33:01 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D
50 =R236990.D 100 =R236991.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoro...	1.183	1.193	1.284	1.057	0.967	0.951	0.911	0.823	1.046	15.33
3)		propylene		0.484	0.454	0.395	0.349	0.397	0.374	0.387	0.406	11.57
4)		propane		0.333	0.336	0.286	0.273	0.283	0.275	0.274	0.294	9.47
5)		dichlorodifluo...	3.097	2.941	3.061	2.700	2.546	2.572	2.418	2.296	2.704	11.08
6)	C	chloromethane	0.869	0.815	0.826	0.712	0.714	0.726	0.689	0.647	0.750	10.29
7)		Freon-114	3.722	3.589	3.678	3.227	3.160	3.124	2.902	2.527	3.241	12.72
8)	C	methanol			0.229	0.190	0.185	0.189	0.183	0.173	0.192	10.16
9)	C	vinyl chloride	1.185	1.125	1.083	0.968	0.953	0.944	0.881	0.827	0.996	12.41
10)	C	1,3-butadiene	0.754	0.741	0.707	0.583	0.574	0.626	0.589	0.548	0.640	12.76
11)		butane	1.518	1.362	1.297	1.140	1.144	1.143	1.066	0.983	1.207	14.40
13)	C	bromomethane	1.371	1.352	1.369	1.189	1.187	1.183	1.096	0.980	1.216	11.58
14)	C	chloroethane	0.660	0.651	0.643	0.563	0.574	0.567	0.530	0.482	0.584	10.79
15)		ethanol			0.379	0.389	0.378	0.400	0.382	0.385	0.386	2.11
16)		dichlorofluoro...	2.120	2.071	2.080	1.867	1.856	1.933	1.912	2.029	1.983	5.22
17)	C	vinyl bromide	0.952	0.995	0.957	0.836	0.832	0.956	0.947	0.904	0.922	6.50
18)	C	acrolein		0.336	0.343	0.313	0.317	0.329	0.325	0.313	0.325	3.60
19)		acetone	1.163	1.078	1.064	0.871	0.857	0.946	0.934	0.899	0.977	11.41
20)	C	acetonitrile	0.677	0.556	0.510	0.465	0.462	0.555	0.484	0.472	0.523	13.93
21)		trichlorofluor...	3.193	3.146	3.059	2.808	2.755	2.813	2.714	2.588	2.884	7.63
22)		isopropyl alcohol	1.210	1.124	1.101	0.922	0.864	1.009	1.002	0.990	1.028	10.93
23)	C	acrylonitrile	0.636	0.531	0.609	0.526	0.528	0.551	0.564	0.576	0.565	7.11
24)		pentane	1.151	1.256	1.219	1.076	1.044	1.077	1.075	1.081	1.122	6.92
25)		ethyl ether	0.574	0.578	0.545	0.498	0.491	0.512	0.520	0.567	0.536	6.52
26)	C	1,1-dichloroet...	1.874	1.434	1.457	1.576	1.530	1.537	1.466	1.447	1.540	9.35
27)		tertiary butyl...		1.284	1.386	1.374	1.144	1.032	1.037	1.772	1.290	20.02
28)	C	methylene chlo...		0.957	0.953	0.827	0.793	0.915	0.886	0.743	0.868	9.50
29)	C	3-chloropropene	0.869	0.769	0.736	0.624	0.601	0.675	0.662	0.655	0.699	12.58
30)	C	carbon disulfide	2.466	2.614	2.530	2.119	2.055	2.283	2.226	2.180	2.309	8.84
31)		Freon 113	2.565	2.582	2.520	2.231	2.165	2.209	2.159	2.087	2.315	8.84
32)		trans-1,2-dich...	1.214	1.218	1.205	1.043	1.026	1.150	1.107	1.058	1.128	7.09

Response Factor Report Airlab 23

Method Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Method File : TFS23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 15:33:01 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D
50 =R236990.D 100 =R236991.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
33)	C	1,1-dichloroet...	1.711	1.732	1.684	1.573	1.538	1.557	1.483	1.414	1.587	7.14
34)	C	MTBE	2.634	2.698	2.649	2.209	2.151	2.360	2.252	2.139	2.386	9.95
35)	C	vinyl acetate			1.542	1.068	1.162	1.443	1.514	1.521	1.375	15.02
36)	C	2-butanone			1.363	1.360	1.158	1.132	1.270	1.242	1.204	1.247	7.31
37)		cis-1,2-dichlo...	1.282	1.295	1.290	1.199	1.184	1.216	1.171	1.116	1.219	5.32
38)		Ethyl Acetate			0.249	0.242	0.219	0.213	0.237	0.240	0.233	0.233	5.52
39)	C	chloroform	2.507	2.435	2.424	2.197	2.136	2.164	2.111	2.052	2.253	7.73
40)		Tetrahydrofuran	0.768	0.772	0.735	0.539	0.538	0.610	0.602	0.588	0.644	15.33
41)		2,2-dichloropr...	1.839	1.851	1.887	1.760	1.741	1.792	1.782	1.782	1.804	2.75
42)	C	1,2-dichloroet...	1.385	1.454	1.393	1.304	1.298	1.330	1.298	1.254	1.340	4.90
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.289	0.287	0.287	0.227	0.237	0.260	0.270	0.270	0.266	8.83
45)		diisopropyl ether	0.213	0.205	0.221	0.201	0.208	0.212	0.212	0.208	0.210	2.89
46)		tert-butyl eth...	0.641	0.628	0.649	0.587	0.605	0.608	0.599	0.586	0.613	3.90
47)	s	1,2-dichloroet...				0.269	0.280	0.278	0.280	0.271	0.276	1.92
48)	C	1,1,1-trichlor...	0.641	0.619	0.644	0.570	0.593	0.608	0.597	0.650	0.615	4.62
49)		1,1-dichloropr...	0.385	0.375	0.389	0.355	0.375	0.381	0.369	0.355	0.373	3.39
50)	C	benzene	0.782	0.774	0.788	0.698	0.722	0.722	0.695	0.648	0.729	6.81
52)	C	carbon tetrach...	0.704	0.709	0.714	0.625	0.645	0.665	0.672	0.663	0.675	4.76
53)		cyclohexane	0.314	0.285	0.289	0.233	0.239	0.262	0.259	0.256	0.267	10.20
54)		tert-amyl meth...	0.673	0.660	0.673	0.620	0.653	0.679	0.673	0.655	0.661	2.90
55)		dibromomethane	0.347	0.343	0.360	0.330	0.344	0.356	0.352	0.342	0.347	2.70
56)	C	1,2-dichloropr...	0.253	0.231	0.235	0.219	0.223	0.226	0.222	0.219	0.229	4.94
57)		bromodichlorom...	0.560	0.576	0.581	0.493	0.513	0.569	0.567	0.546	0.550	5.75
58)	C	1,4-dioxane	0.162	0.161	0.170	0.147	0.150	0.170	0.169	0.167	0.162	5.53
59)	C	trichloroethene	0.460	0.446	0.468	0.406	0.421	0.427	0.431	0.423	0.435	4.82
60)	C	2,2,4-trimethy...	0.896	0.888	0.902	0.732	0.747	0.808	0.802	0.804	0.822	8.08
61)		methyl methacr...			0.234	0.224	0.206	0.214	0.222	0.228	0.235	0.223	4.81
62)		heptane	0.287	0.263	0.263	0.216	0.225	0.247	0.255	0.261	0.252	8.98
63)	C	cis-1,3-dichlo...	0.364	0.386	0.393	0.377	0.397	0.414	0.410	0.395	0.392	4.17
64)	C	4-methyl-2-pen...			0.375	0.380	0.334	0.347	0.377	0.377	0.373	0.366	4.89

Method Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Method File : TFS23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 15:33:01 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D
50 =R236990.D 100 =R236991.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
65)		trans-1,3-dich...	0.273	0.286	0.312	0.301	0.322	0.336	0.336	0.322	0.311	7.33
66)	C	1,1,2-trichlor...	0.402	0.361	0.377	0.344	0.356	0.363	0.351	0.330	0.360	6.07
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	7.888	7.523	7.632	6.705	6.716	6.830	6.209	5.880	6.923	10.20
69)	s	toluene-D8			6.647	6.429	6.379	6.517	6.001	5.904	6.313	4.67
71)		1,3-dichloropr...	3.247	3.204	3.319	2.932	2.893	2.959	2.702	2.709	2.996	7.93
72)		2-hexanone	2.499	2.489	2.596	2.285	2.271	2.605	2.589	2.551	2.486	5.44
74)		dibromochlorom...	5.175	4.771	5.078	4.271	4.361	5.040	4.801	4.681	4.772	6.89
75)	C	1,2-dibromoethane	4.349	4.115	4.348	3.940	4.029	4.164	3.883	3.731	4.070	5.37
76)		butyl acetate			0.876	0.858	0.803	0.800	0.837	0.775	0.774	0.818	4.92
77)		octane	2.234	2.180	2.361	1.993	1.987	2.040	1.914	1.942	2.082	7.63
78)	C	tetrachloroethene	4.765	4.512	4.652	4.087	4.139	4.348	4.205	4.033	4.343	6.30
79)		1,1,1,2-tetrac...	3.606	3.532	3.699	3.357	3.481	3.795	3.698	3.391	3.570	4.39
80)	C	chlorobenzene	6.232	6.153	6.242	5.596	5.664	5.934	5.599	5.229	5.831	6.29
81)	C	ethylbenzene	9.382	9.320	9.567	8.719	8.771	8.976	8.252	7.819	8.851	6.72
83)	C	m+p-xylene	7.427	7.099	7.328	6.444	6.479	6.625	6.357	6.025	6.723	7.48
84)	C	bromoform	4.679	4.631	4.880	4.141	4.334	5.330	5.353	5.003	4.794	9.09
85)	C	styrene	5.527	5.210	5.457	5.138	5.250	5.525	5.178	4.972	5.282	3.81
86)	C	1,1,2,2-tetrac...	5.355	5.148	5.186	4.721	4.789	4.966	4.794	4.181	4.893	7.44
87)	C	o-xylene	7.592	7.074	7.347	6.510	6.595	6.836	6.613	5.795	6.795	8.20
88)		1,2,3-trichlor...	3.711	3.497	3.669	3.267	3.265	3.397	3.251	3.315	3.422	5.41
89)		nonane	2.972	2.725	2.867	2.568	2.590	2.758	2.867	2.840	2.774	5.10
90)	s	bromofluoroben...			3.521	3.552	3.489	3.624	3.566	3.515	3.545	1.34
91)	C	isopropylbenzene	0.992	0.973	1.005	0.932	0.950	1.006	0.936	0.861	0.957	5.07
92)		bromobenzene	4.550	4.482	4.553	4.093	4.116	4.335	4.233	4.243	4.326	4.28
93)		2-chlorotoluene	2.780	2.718	2.958	2.722	2.687	3.011	2.824	2.803	2.813	4.14
94)		n-propylbenzene	2.852	2.850	2.937	2.725	2.769	2.980	2.886	2.845	2.855	2.89
95)		4-chlorotoluene	2.667	2.634	2.634	2.390	2.560	2.712	2.719	2.678	2.624	4.09
96)		4-ethyl toluene	9.408	9.070	9.551	8.429	8.232	9.592	8.836	8.377	8.937	6.16
97)		1,3,5-trimethy...	7.929	7.580	7.848	7.059	7.484	7.667	7.525	7.133	7.528	4.09
98)		tert-butylbenzene	9.468	9.138	9.441	8.817	9.160	9.914	9.368	7.104	9.051	9.37

Method Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Method File : TFS23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 15:33:01 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D
50 =R236990.D 100 =R236991.D

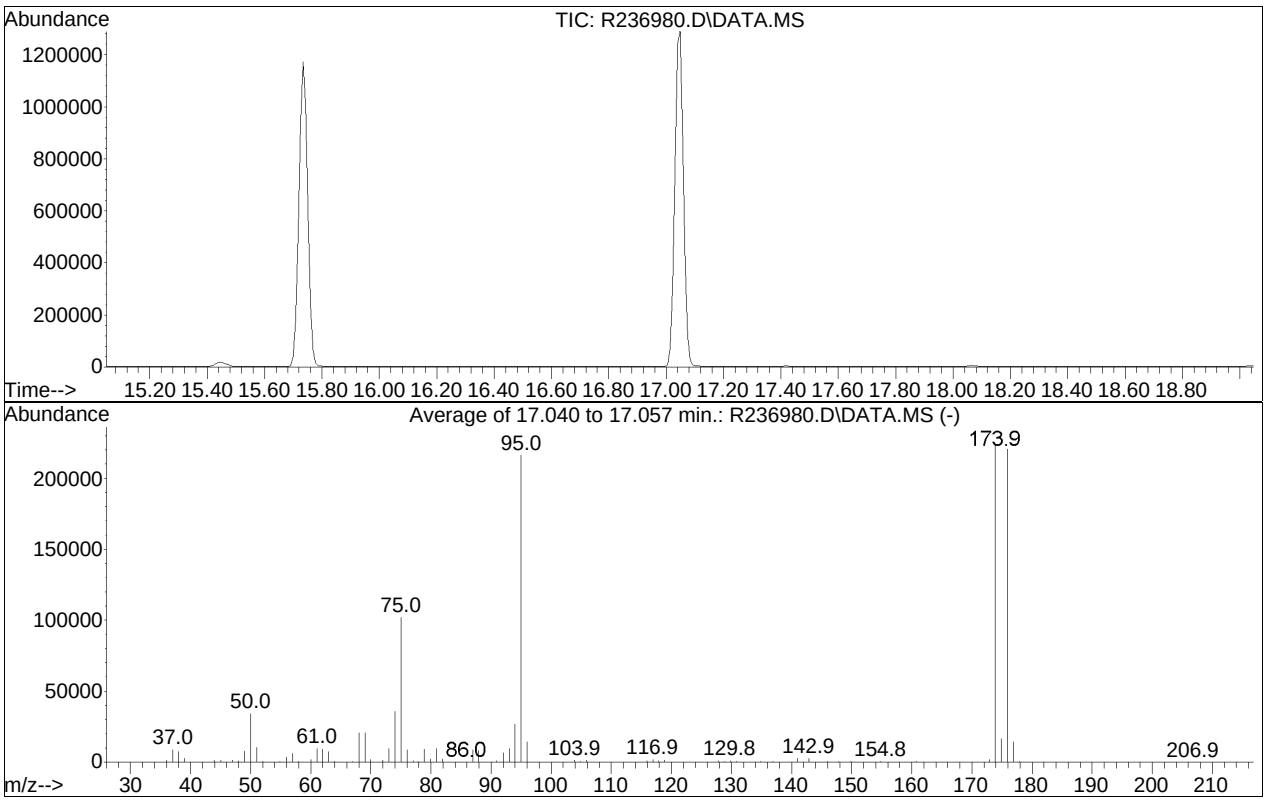
		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
99)		1,2,4-trimethy...	8.122	8.053	8.415	7.944	8.204	8.718	8.478	6.417	8.044	8.75
100)		decane	3.554	3.330	3.578	3.342	3.401	3.689	3.892	3.767	3.569	5.75
101)	C	Benzyl Chloride	4.399	4.691	5.023	5.349	5.814	6.896	7.214	6.576	5.745	18.35
102)		1,3-dichlorobe...	6.237	6.101	6.551	6.191	6.213	6.869	6.899	6.025	6.386	5.38
103)	C	1,4-dichlorobe...	5.982	5.988	6.140	5.752	6.120	6.550	6.470	5.941	6.118	4.42
104)		sec-butylbenzene	1.223	1.210	1.241	1.116	1.124	1.186	1.119	0.998	1.152	6.90
106)		p-isopropyltol...	1.113	1.103	1.128	1.083	1.131	1.224	1.150	0.810	1.093	11.16
107)		1,2-dichlorobe...	5.969	5.620	5.970	5.791	5.931	6.467	6.476	6.066	6.036	4.98
108)		n-butylbenzene	8.784	8.680	9.116	8.724	8.963	9.332	8.943	8.052	8.824	4.30
111)	C	1,2-dibromo-3-...	2.003	2.084	2.214	2.316	2.431	2.618	2.750	2.744	2.395	12.11
112)		undecane	6.033	5.556	5.941	5.177	5.578	6.106	5.021	4.029	5.430	12.67
114)		dodecane	2.520	3.017	3.203	3.730	3.928	4.176	4.129	3.825	3.566	16.56
115)	C	1,2,4-trichlor...	3.399	4.004	4.485	5.400	5.946	6.479	6.819	5.971	5.313	23.09
116)		naphthalene	0.718	0.869	0.986	1.214	1.294	1.291	1.236	1.101	1.089	19.54
117)		1,2,3-trichlor...	3.541	4.071	4.461	5.367	5.886	6.162	6.547	5.530	5.196	20.47
119)	C	hexachlorobuta...	3.541	4.024	4.209	4.659	5.039	5.453	5.813	4.378	4.640	16.37

(#) = Out of Range

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236980.D
Acq On : 21 Nov 2025 08:09 pm
Operator : AIRLAB23:BJB
Sample : WG2145605-1,3,250,250
Misc : WG2145605
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 15:33:01 2025



Spectrum Information: Average of 17.040 to 17.057 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	15.7	34024	PASS
75	95	30	66	47.1	101915	PASS
95	95	100	100	100.0	216448	PASS
96	95	5	9	6.5	14166	PASS
173	174	0.00	2	0.8	1777	PASS
174	95	50	120	104.0	225088	PASS
175	174	4	9	7.2	16309	PASS
176	174	93	101	97.9	220395	PASS
177	176	5	9	6.4	14077	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236984.D
Acq On : 21 Nov 2025 10:35 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:45 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.862	49	254578	10.000	ppbV	-0.01
Standard Area = 215783			Recovery = 117.98%			
43) 1,4-difluorobenzene	11.047	114	1079425	10.000	ppbV	-0.01
Standard Area = 895236			Recovery = 120.57%			
67) chlorobenzene-D5	15.734	54	141267	10.000	ppbV	0.00
Standard Area = 128102			Recovery = 110.28%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.710	65	297308	9.837	ppbV	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.37%			
69) toluene-D8	13.863	98	918062	10.187	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.87%			
90) bromofluorobenzene	17.040	95	477794	9.693	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.93%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.763	51	6023	0.245	ppbV	97
3) propylene	3.787	41	2960M6	0.333	ppbV	
4) propane	3.810	29	1943	0.279	ppbV	85
5) dichlorodifluoromethane	3.857	85	15768	0.243	ppbV	99
6) chloromethane	4.033	50	4426	0.243	ppbV	94
7) Freon-114	4.126	85	18952	0.236	ppbV	98
8) methanol	4.220	31	6698	1.419	ppbV #	1
9) vinyl chloride	4.249	62	6032	0.249	ppbV	94
10) 1,3-butadiene	4.390	54	3841	0.263	ppbV	82
11) butane	4.437	43	7729	0.265	ppbV	92
12) acetaldehyde	4.167	29	10302	1.443	ppbV	88
13) bromomethane	4.665	94	6979	0.231	ppbV	96
14) chloroethane	4.846	64	3359	0.230	ppbV	92
15) ethanol	4.998	31	10805	1.123	ppbV	97
16) dichlorofluoromethane	4.946	67	10793	0.228	ppbV	99
17) vinyl bromide	5.216	106	4849	0.229	ppbV	95
18) acrolein	5.356	56	1619	0.201	ppbV #	56
19) acetone	5.502	43	29609	1.358	ppbV #	99
20) acetonitrile	5.222	41	3445	0.293	ppbV #	1
21) trichlorofluoromethane	5.666	101	16258	0.232	ppbV	100
22) isopropyl alcohol	5.783	45	15407	0.700	ppbV	98
23) acrylonitrile	5.999	53	3239	0.241	ppbV	93
24) pentane	6.058	43	5859	0.220	ppbV	95

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236984.D
Acq On : 21 Nov 2025 10:35 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:45 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.104	31	2925	0.234	ppbV		92
26) 1,1-dichloroethene	6.358	61	9541	0.245	ppbV		99
27) tertiary butyl alcohol	6.443	59	10729	0.369	ppbV	#	91
28) methylene chloride	6.493	49	5092	0.252	ppbV		98
29) 3-chloropropene	6.622	41	4423	0.289	ppbV		95
30) carbon disulfide	6.801	76	12555	0.240	ppbV	#	84
31) Freon 113	6.790	101	13062	0.237	ppbV		97
32) trans-1,2-dichloroethene	7.530	61	6179	0.237	ppbV		95
33) 1,1-dichloroethane	7.747	63	8711	0.222	ppbV		98
34) MTBE	7.844	73	13411	0.245	ppbV		97
35) vinyl acetate	7.942	43	9362	0.317	ppbV		99
36) 2-butanone	8.223	43	7586	0.263	ppbV	#	96
37) cis-1,2-dichloroethene	8.683	61	6526	0.217	ppbV		94
38) Ethyl Acetate	8.976	61	1233	0.228	ppbV	#	25
39) chloroform	9.009	83	12767	0.235	ppbV		97
40) Tetrahydrofuran	9.498	42	3911	0.285	ppbV		98
41) 2,2-dichloropropane	9.041	77	9361	0.211	ppbV		94
42) 1,2-dichloroethane	9.832	62	7054	0.213	ppbV		97
44) hexane	8.935	57	6236	0.244	ppbV	#	54
45) diisopropyl ether	8.944	87	4600	0.205	ppbV		97
46) tert-butyl ethyl ether	9.555	59	13846	0.212	ppbV		99
48) 1,1,1-trichloroethane	10.125	97	13839	0.216	ppbV		96
49) 1,1-dichloropropene	10.481	75	8322	0.206	ppbV		95
50) benzene	10.632	78	16890	0.217	ppbV		100
51) thiophene	10.783	84	15385	0.159	ppbV		98
52) carbon tetrachloride	10.802	117	15199	0.218	ppbV		98
53) cyclohexane	10.953	56	6772	0.263	ppbV		96
54) tert-amyl methyl ether	11.339	73	14528	0.206	ppbV		97
55) dibromomethane	11.537	93	7484	0.201	ppbV		97
56) 1,2-dichloropropane	11.565	63	5457	0.226	ppbV		96
57) bromodichloromethane	11.791	83	12086	0.218	ppbV		97
58) 1,4-dioxane	11.876	88	3499	0.216	ppbV	#	65
59) trichloroethene	11.839	130	9926	0.218	ppbV		93
60) 2,2,4-trimethylpentane	11.895	57	19346	0.240	ppbV		96
61) methyl methacrylate	12.103	41	5126	0.222	ppbV		97
62) heptane	12.206	43	6203	0.255	ppbV		92
63) cis-1,3-dichloropropene	12.837	75	7862	0.184	ppbV		95
64) 4-methyl-2-pentanone	12.920	43	7952	0.212	ppbV		94
65) trans-1,3-dichloropropene	13.454	75	5892	0.170	ppbV	#	87
66) 1,1,2-trichloroethane	13.654	97	8685	0.226	ppbV		86

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236984.D
Acq On : 21 Nov 2025 10:35 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:45 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	13.980	91	22287	0.235	ppbV	98
70) 2-methylthiophene	14.046	97	22476	0.174	ppbV	97
71) 1,3-dichloropropane	14.005	76	9173	0.224	ppbV	98
72) 2-hexanone	14.313	43	7060	0.220	ppbV	98
73) 3-methylthiophene	14.247	97	22209	0.163	ppbV	98
74) dibromochloromethane	14.430	129	14621	0.237	ppbV	99
75) 1,2-dibromoethane	14.689	107	12286	0.216	ppbV	95
76) butyl acetate	14.964	73	2690	0.238	ppbV	86
77) octane	15.022	85	6312	0.225	ppbV	86
78) tetrachloroethene	15.147	166	13462	0.230	ppbV	96
79) 1,1,1,2-tetrachloroethane	15.760	131	10189	0.207	ppbV	94
80) chlorobenzene	15.778	112	17607	0.220	ppbV	96
81) ethylbenzene	16.108	91	26507	0.214	ppbV	98
82) 2-ethylthiophene	16.143	97	25597	0.161	ppbV	96
83) m+p-xylene	16.265	91	41968M6	0.459	ppbV	
84) bromoform	16.326	173	13220	0.216	ppbV	99
85) styrene	16.578	104	15615	0.211	ppbV	97
86) 1,1,2,2-tetrachloroethane	16.666	83	15131	0.224	ppbV	100
87) o-xylene	16.666	91	21449	0.230	ppbV	93
88) 1,2,3-trichloropropane	16.779	75	10485	0.227	ppbV	96
89) nonane	16.857	43	8398	0.229	ppbV	91
91) isopropylbenzene	17.153	105	28020	0.209	ppbV	100
92) bromobenzene	17.223	77	12856	0.221	ppbV	94
93) 2-chlorotoluene	17.545	126	7855	0.207	ppbV	97
94) n-propylbenzene	17.571	120	8059	0.206	ppbV	89
95) 4-chlorotoluene	17.606	126	7535	0.208	ppbV	90
96) 4-ethyl toluene	17.693	105	26581	0.229	ppbV	98
97) 1,3,5-trimethylbenzene	17.754	105	22401	0.212	ppbV	99
98) tert-butylbenzene	18.079	119	26749	0.207	ppbV	100
99) 1,2,4-trimethylbenzene	18.079	105	22946	0.198	ppbV	98
100) decane	18.159	57	10041	0.209	ppbV	95
101) Benzyl Chloride	18.198	91	12429	0.151	ppbV	100
102) 1,3-dichlorobenzene	18.206	146	17623	0.201	ppbV	96
103) 1,4-dichlorobenzene	18.262	146	16902	0.196	ppbV	98
104) sec-butylbenzene	18.294	105	34553	0.218	ppbV	98
105) 1,2,3-trimethylbenzene	18.422	105	25104	0.207	ppbV	97
106) p-isopropyltoluene	18.422	119	31442	0.197	ppbV	97
107) 1,2-dichlorobenzene	18.534	146	16864	0.201	ppbV	97
108) n-butylbenzene	18.757	91	24817	0.196	ppbV	97
109) indan	18.582	117	20892	0.216	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236984.D
Acq On : 21 Nov 2025 10:35 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:45 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

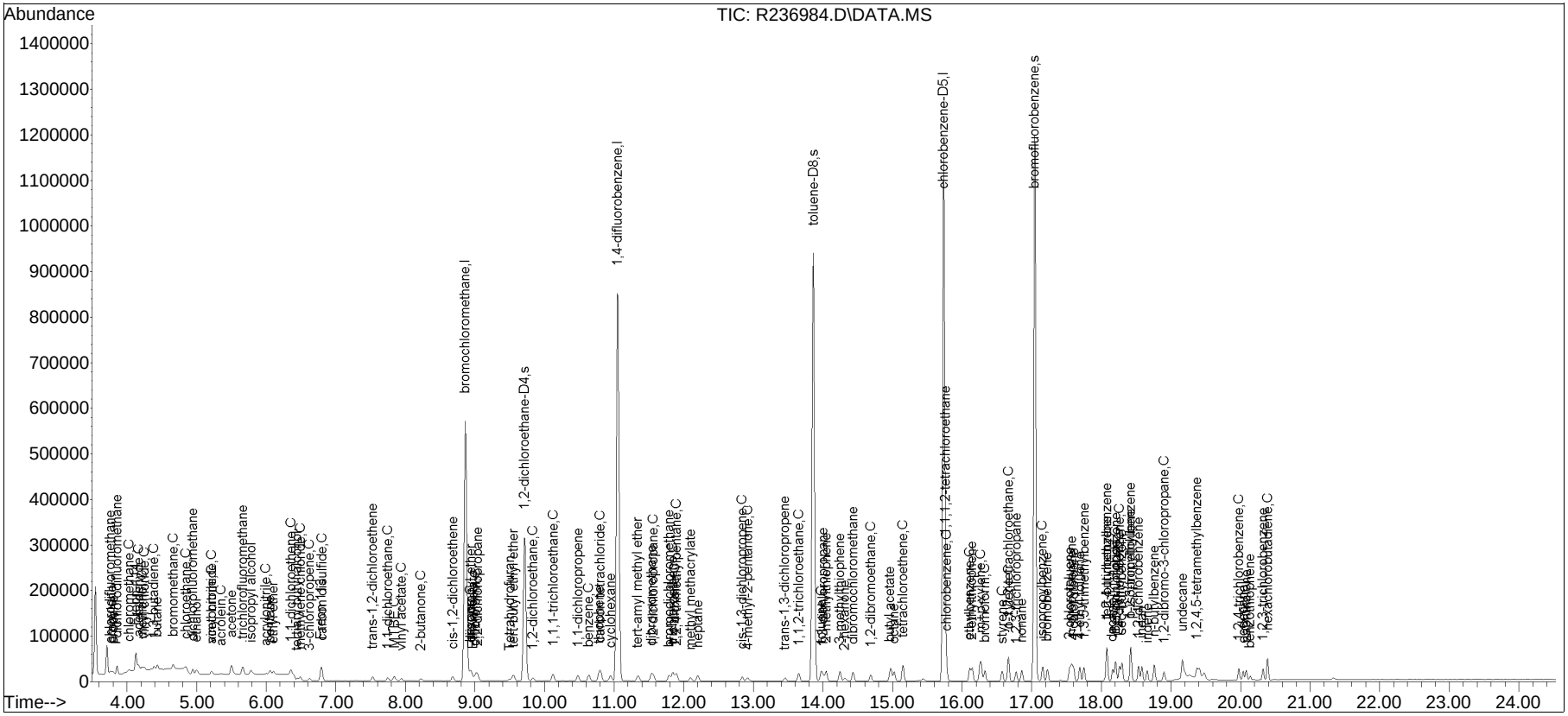
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	18.661	115	15642	0.196	ppbV		95
111) 1,2-dibromo-3-chloropr...	18.901	75	5658	0.165	ppbV		88
112) undecane	19.164	57	17044	0.216	ppbV		98
113) 1,2,4,5-tetramethylben...	19.372	119	13173	0.152	ppbV	#	97
114) dodecane	20.039	57	7120	0.128	ppbV		100
115) 1,2,4-trichlorobenzene	19.975	180	9602	0.114	ppbV		98
116) naphthalene	20.080	128	20292	0.111	ppbV		100
117) 1,2,3-trichlorobenzene	20.325	180	10004	0.120	ppbV		97
118) benzothiophene	20.138	134	8864	0.070	ppbV	#	95
119) hexachlorobutadiene	20.390	225	10005	0.141	ppbV		95
120) 2-methylnaphthalene	21.161		0	N.D.			
121) 1-methylnaphthalene	21.337		0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236984.D
Acq On : 21 Nov 2025 10:35 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:45 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

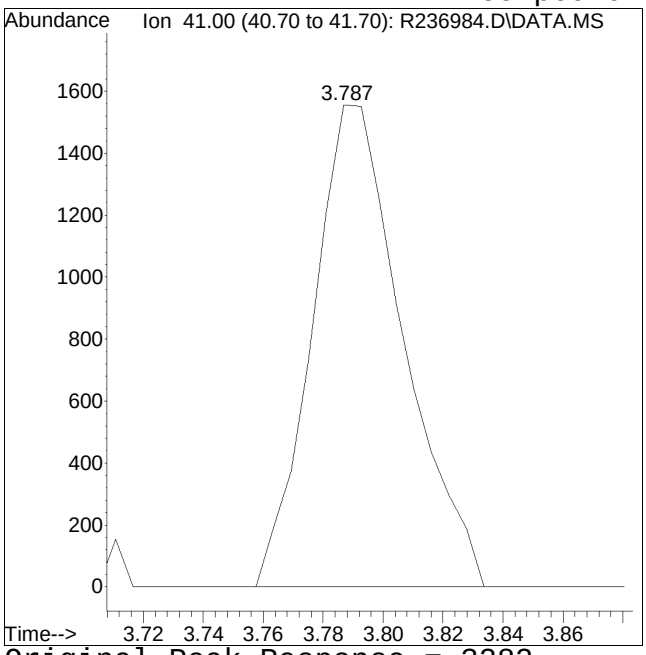


Manual Integration Report

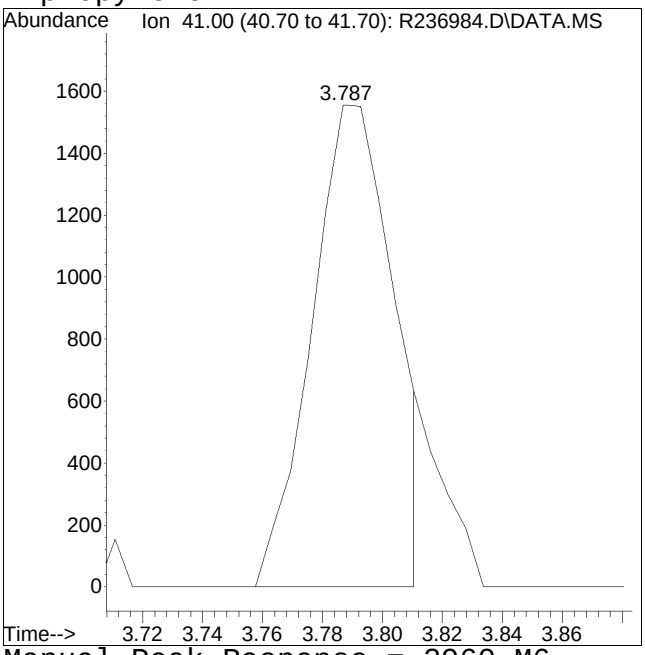
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236984.D
Date Inj'd : 11/21/2025 10:35 pm
Sample : ITO15-SIMSTD0.2

Method : TFS23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 8:48 am

Compound #3: propylene



Original Peak Response = 3282



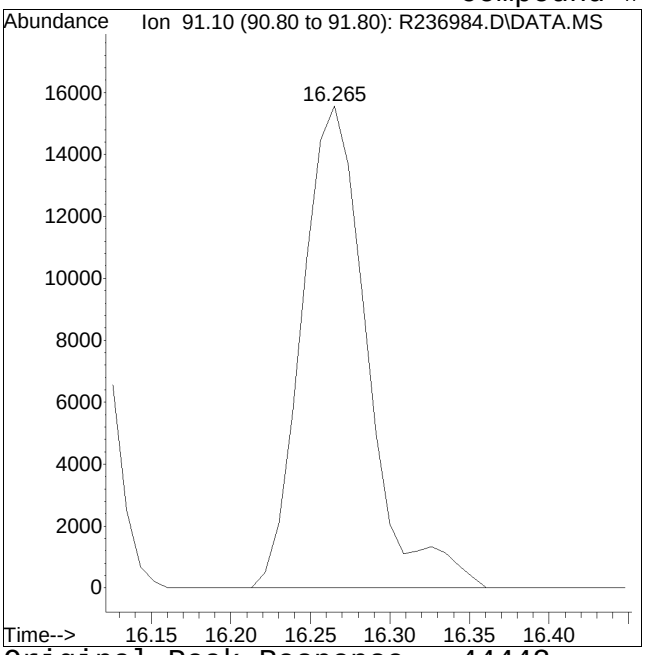
Manual Peak Response = 2960 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

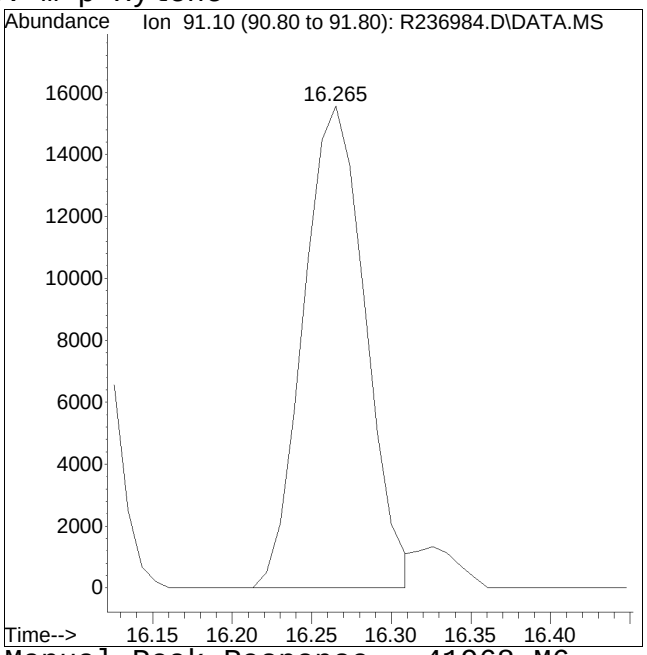
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R236984.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 10:35 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.2 Quant Date : 11/22/2025 8:48 am

Compound #83: m+p-xylene



Original Peak Response = 44442



Manual Peak Response = 41968 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236985.D
Acq On : 21 Nov 2025 11:14 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:54 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.860	49	240700	10.000	ppbV	-0.01
Standard Area = 215783			Recovery = 111.55%			
43) 1,4-difluorobenzene	11.052	114	1062049	10.000	ppbV	0.00
Standard Area = 895236			Recovery = 118.63%			
67) chlorobenzene-D5	15.731	54	142287	10.000	ppbV	0.00
Standard Area = 128102			Recovery = 111.07%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.715	65	283521	9.534	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.34%			
69) toluene-D8	13.860	98	909143	10.016	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.16%			
90) bromofluorobenzene	17.046	95	497891	10.029	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.29%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.757	51	14358	0.617	ppbV	98
3) propylene	3.787	41	5827M6	0.694	ppbV	
4) propane	3.810	29	4012	0.610	ppbV	92
5) dichlorodifluoromethane	3.857	85	35397	0.578	ppbV	100
6) chloromethane	4.027	50	9804	0.570	ppbV	95
7) Freon-114	4.126	85	43190	0.568	ppbV	98
8) methanol	4.214	31	14917	3.343	ppbV #	1
9) vinyl chloride	4.243	62	13542	0.590	ppbV	95
10) 1,3-butadiene	4.384	54	8918	0.645	ppbV	98
11) butane	4.436	43	16389	0.595	ppbV	97
12) acetaldehyde	4.161	29	21919	3.246	ppbV	95
13) bromomethane	4.665	94	16275	0.569	ppbV	96
14) chloroethane	4.840	64	7832	0.567	ppbV	97
15) ethanol	4.986	31	26125	2.872	ppbV	99
16) dichlorofluoromethane	4.945	67	24923	0.558	ppbV	98
17) vinyl bromide	5.216	106	11978	0.598	ppbV	99
18) acrolein	5.350	56	4042	0.530	ppbV #	85
19) acetone	5.490	43	64862	3.145	ppbV #	100
20) acetonitrile	5.216	41	6697	0.602	ppbV #	34
21) trichlorofluoromethane	5.660	101	37857	0.571	ppbV	98
22) isopropyl alcohol	5.765	45	33824	1.626	ppbV	99
23) acrylonitrile	5.993	53	6395	0.503	ppbV	92
24) pentane	6.057	43	15111	0.601	ppbV	97

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236985.D
Acq On : 21 Nov 2025 11:14 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:54 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.092	31	6954	0.588	ppbV		94
26) 1,1-dichloroethene	6.354	61	17254	0.468	ppbV		98
27) tertiary butyl alcohol	6.438	59	15457	0.562	ppbV		95
28) methylene chloride	6.493	49	11518	0.604	ppbV		98
29) 3-chloropropene	6.622	41	9252	0.639	ppbV		96
30) carbon disulfide	6.796	76	31463	0.636	ppbV	#	90
31) Freon 113	6.790	101	31076	0.596	ppbV		99
32) trans-1,2-dichloroethene	7.530	61	14654	0.593	ppbV		98
33) 1,1-dichloroethane	7.747	63	20849	0.563	ppbV		100
34) MTBE	7.834	73	32468	0.627	ppbV		99
35) vinyl acetate	7.936	43	21319	0.763	ppbV		100
36) 2-butanone	8.207	43	16409	0.602	ppbV		95
37) cis-1,2-dichloroethene	8.680	61	15589	0.547	ppbV		98
38) Ethyl Acetate	8.965	61	2992	0.585	ppbV	#	43
39) chloroform	9.014	83	29304	0.570	ppbV		99
40) Tetrahydrofuran	9.479	42	9291	0.717	ppbV		95
41) 2,2-dichloropropane	9.039	77	22272	0.532	ppbV		93
42) 1,2-dichloroethane	9.838	62	17500	0.560	ppbV		99
44) hexane	8.933	57	15253	0.606	ppbV	#	61
45) diisopropyl ether	8.933	87	10902	0.493	ppbV		95
46) tert-butyl ethyl ether	9.544	59	33357	0.519	ppbV		98
48) 1,1,1-trichloroethane	10.123	97	32854	0.522	ppbV		97
49) 1,1-dichloropropene	10.478	75	19920	0.500	ppbV		96
50) benzene	10.638	78	41099	0.536	ppbV		99
51) thiophene	10.779	84	36990	0.389	ppbV		99
52) carbon tetrachloride	10.807	117	37627	0.549	ppbV		98
53) cyclohexane	10.949	56	15111	0.596	ppbV		96
54) tert-amyl methyl ether	11.335	73	35034	0.505	ppbV		98
55) dibromomethane	11.533	93	18234	0.499	ppbV		98
56) 1,2-dichloropropane	11.571	63	12276	0.517	ppbV		97
57) bromodichloromethane	11.788	83	30573	0.561	ppbV		97
58) 1,4-dioxane	11.863	88	8557	0.537	ppbV	#	85
59) trichloroethene	11.844	130	23679	0.529	ppbV		98
60) 2,2,4-trimethylpentane	11.891	57	47132	0.594	ppbV		98
61) methyl methacrylate	12.089	41	12450	0.548	ppbV	#	90
62) heptane	12.202	43	13955	0.584	ppbV		97
63) cis-1,3-dichloropropene	12.842	75	20477	0.486	ppbV		98
64) 4-methyl-2-pentanone	12.892	43	19939	0.541	ppbV		95
65) trans-1,3-dichloropropene	13.451	75	15201	0.445	ppbV		98
66) 1,1,2-trichloroethane	13.651	97	19190	0.507	ppbV		100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236985.D
Acq On : 21 Nov 2025 11:14 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:54 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	13.977	91	53519	0.560	ppbV		98
70) 2-methylthiophene	14.044	97	53269	0.410	ppbV		97
71) 1,3-dichloropropane	14.002	76	22792	0.554	ppbV		100
72) 2-hexanone	14.294	43	17706	0.548	ppbV	#	92
73) 3-methylthiophene	14.244	97	55153	0.401	ppbV		98
74) dibromochloromethane	14.436	129	33946	0.547	ppbV		95
75) 1,2-dibromoethane	14.686	107	29272	0.511	ppbV		98
76) butyl acetate	14.944	73	6233	0.548	ppbV		96
77) octane	15.020	85	15506	0.548	ppbV		96
78) tetrachloroethene	15.145	166	32102	0.545	ppbV		98
79) 1,1,1,2-tetrachloroethane	15.757	131	25126	0.507	ppbV		99
80) chlorobenzene	15.775	112	43775	0.543	ppbV		99
81) ethylbenzene	16.106	91	66307	0.531	ppbV		98
82) 2-ethylthiophene	16.140	97	62496	0.389	ppbV		96
83) m+p-xylene	16.262	91	101013	1.096	ppbV		100
84) bromoform	16.323	173	32945	0.534	ppbV		97
85) styrene	16.576	104	37064	0.496	ppbV		100
86) 1,1,2,2-tetrachloroethane	16.663	83	36628	0.538	ppbV		99
87) o-xylene	16.663	91	50328	0.536	ppbV		100
88) 1,2,3-trichloropropane	16.776	75	24880	0.535	ppbV		97
89) nonane	16.854	43	19388	0.526	ppbV		96
91) isopropylbenzene	17.150	105	69196	0.512	ppbV		99
92) bromobenzene	17.229	77	31885	0.544	ppbV		95
93) 2-chlorotoluene	17.542	126	19338	0.506	ppbV		99
94) n-propylbenzene	17.568	120	20273	0.515	ppbV		98
95) 4-chlorotoluene	17.603	126	18738	0.514	ppbV		94
96) 4-ethyl toluene	17.690	105	64530	0.551	ppbV		97
97) 1,3,5-trimethylbenzene	17.751	105	53928	0.506	ppbV		99
98) tert-butylbenzene	18.076	119	65008	0.499	ppbV		99
99) 1,2,4-trimethylbenzene	18.076	105	57289	0.491	ppbV		99
100) decane	18.156	57	23690	0.489	ppbV		97
101) Benzyl Chloride	18.196	91	33373	0.403	ppbV		97
102) 1,3-dichlorobenzene	18.204	146	43407	0.491	ppbV		99
103) 1,4-dichlorobenzene	18.260	146	42602	0.489	ppbV		97
104) sec-butylbenzene	18.291	105	86056	0.538	ppbV		98
105) 1,2,3-trimethylbenzene	18.419	105	58963	0.482	ppbV		97
106) p-isopropyltoluene	18.419	119	78463	0.488	ppbV		99
107) 1,2-dichlorobenzene	18.531	146	39982	0.474	ppbV		98
108) n-butylbenzene	18.754	91	61751	0.484	ppbV		100
109) indan	18.579	117	51107	0.526	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236985.D
Acq On : 21 Nov 2025 11:14 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:54 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

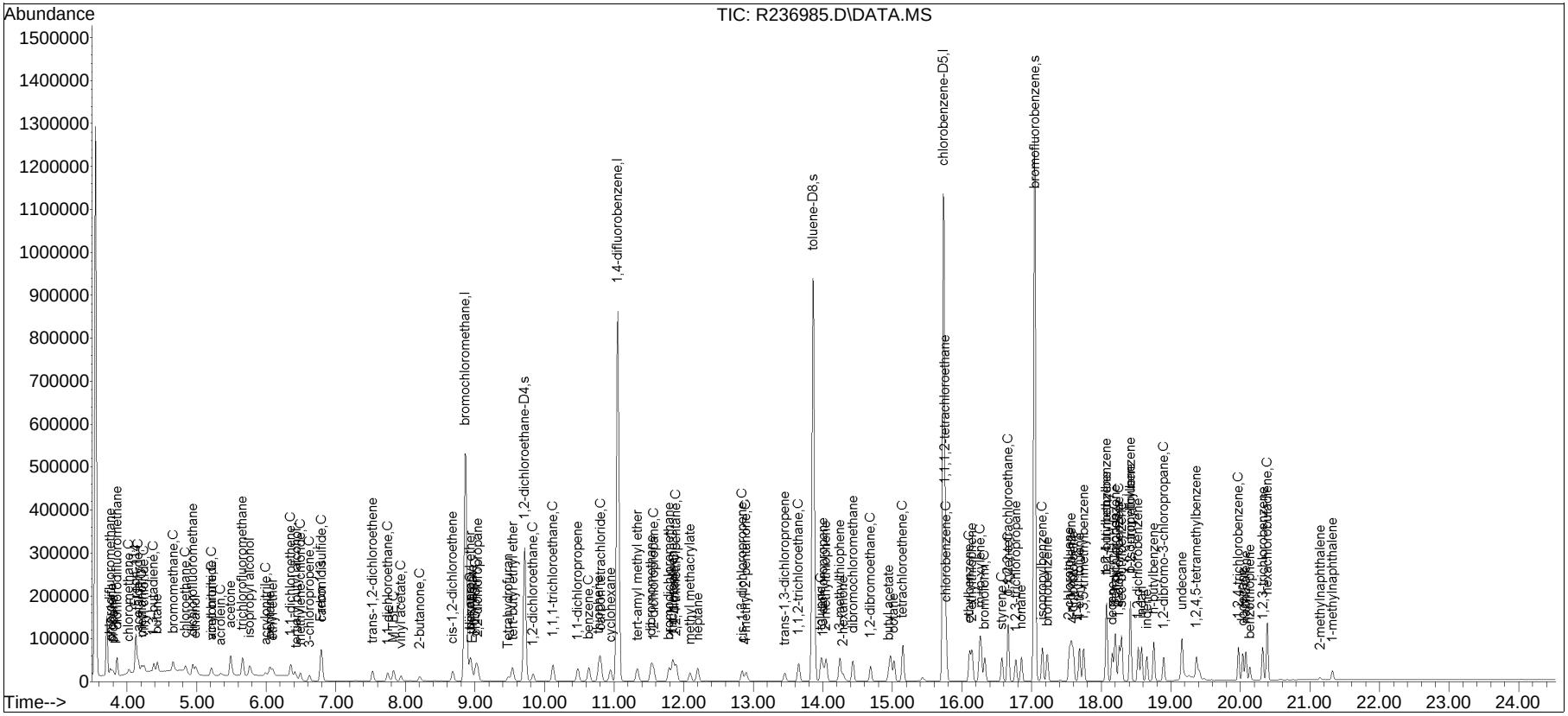
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.659	115	38980	0.484	ppbV	99
111) 1,2-dibromo-3-chloropr...	18.898	75	14823	0.429	ppbV	96
112) undecane	19.162	57	39529	0.498	ppbV	97
113) 1,2,4,5-tetramethylben...	19.369	119	33182	0.380	ppbV	98
114) dodecane	20.030	57	21465	0.384	ppbV	98
115) 1,2,4-trichlorobenzene	19.972	180	28488	0.337	ppbV	99
116) naphthalene	20.077	128	61796	0.336	ppbV	99
117) 1,2,3-trichlorobenzene	20.323	180	28964	0.346	ppbV	99
118) benzothiophene	20.136	134	28397	0.222	ppbV	98
119) hexachlorobutadiene	20.387	225	28629	0.399	ppbV	96
120) 2-methylnaphthalene	21.147	142	5294	0.110	ppbV	96
121) 1-methylnaphthalene	21.322	142	15848	0.115	ppbV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236985.D
Acq On : 21 Nov 2025 11:14 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

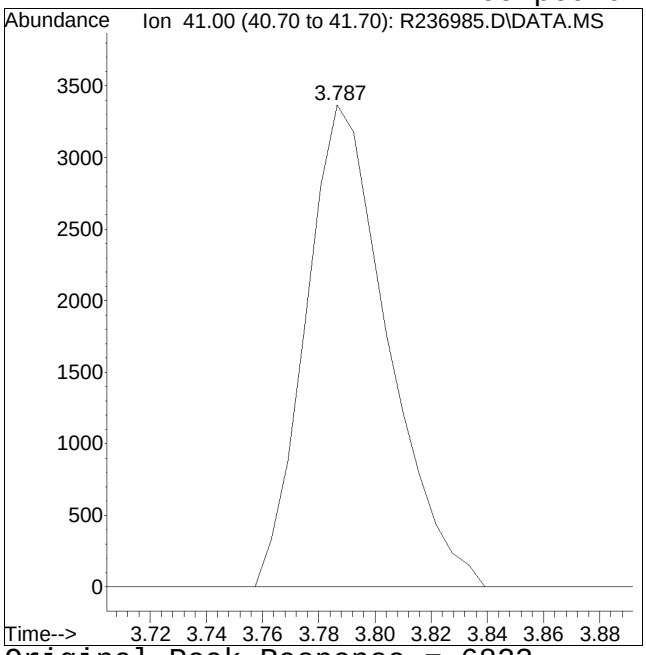
Quant Time: Nov 22 08:48:54 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration



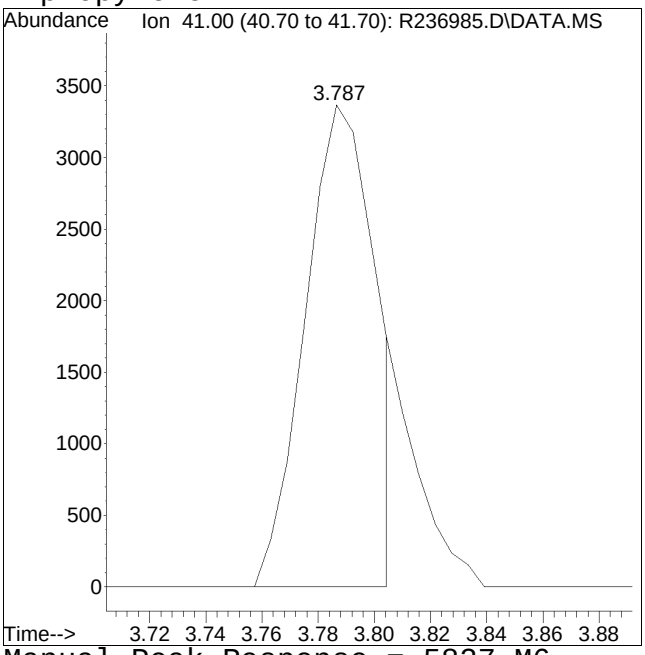
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R236985.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 11:14 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.5 Quant Date : 11/22/2025 8:48 am

Compound #3: propylene



Original Peak Response = 6823



Manual Peak Response = 5827 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236986.D
Acq On : 21 Nov 2025 11:55 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:49:02 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.865	49	238742	10.000	ppbV	0.00
Standard Area = 215783			Recovery = 110.64%			
43) 1,4-difluorobenzene	11.050	114	1001924	10.000	ppbV	0.00
Standard Area = 895236			Recovery = 111.92%			
67) chlorobenzene-D5	15.738	54	134475	10.000	ppbV	0.00
Standard Area = 128102			Recovery = 104.97%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.713	65	279474	9.962	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.62%			
69) toluene-D8	13.858	98	893799	10.419	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.19%			
90) bromofluorobenzene	17.043	95	473446	10.090	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.90%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.757	51	30654	1.328	ppbV	99
3) propylene	3.787	41	10841M6	1.301	ppbV	
4) propane	3.804	29	8018	1.229	ppbV	95
5) dichlorodifluoromethane	3.857	85	73075	1.202	ppbV	99
6) chloromethane	4.021	50	19723	1.157	ppbV	97
7) Freon-114	4.126	85	87816	1.164	ppbV	98
8) methanol	4.208	31	27388	6.188	ppbV #	12
9) vinyl chloride	4.243	62	25847	1.136	ppbV	99
10) 1,3-butadiene	4.384	54	16890	1.231	ppbV	97
11) butane	4.431	43	30963	1.133	ppbV	96
12) acetaldehyde	4.155	29	42505	6.347	ppbV	97
13) bromomethane	4.659	94	32695	1.153	ppbV	98
14) chloroethane	4.834	64	15358	1.120	ppbV	98
15) ethanol	4.975	31	45199	5.009	ppbV	99
16) dichlorofluoromethane	4.940	67	49665	1.121	ppbV	99
17) vinyl bromide	5.210	106	22837	1.150	ppbV	99
18) acrolein	5.344	56	8196	1.083	ppbV	90
19) acetone	5.479	43	127069	6.212	ppbV	99
20) acetonitrile	5.204	41	12182	1.105	ppbV #	68
21) trichlorofluoromethane	5.660	101	73033	1.111	ppbV	98
22) isopropyl alcohol	5.753	45	65716	3.185	ppbV	99
23) acrylonitrile	5.981	53	14539	1.153	ppbV	99
24) pentane	6.052	43	29101	1.168	ppbV	98

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236986.D
Acq On : 21 Nov 2025 11:55 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:49:02 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	6.087	31	13003	1.109	ppbV	98
26) 1,1-dichloroethene	6.349	61	34792	0.952	ppbV	98
27) tertiary butyl alcohol	6.410	59	33085	1.212	ppbV	97
28) methylene chloride	6.488	49	22748	1.202	ppbV	98
29) 3-chloropropene	6.616	41	17575	1.224	ppbV	97
30) carbon disulfide	6.790	76	60409	1.231	ppbV	97
31) Freon 113	6.790	101	60153	1.164	ppbV	97
32) trans-1,2-dichloroethene	7.525	61	28777	1.175	ppbV	99
33) 1,1-dichloroethane	7.747	63	40196	1.095	ppbV	96
34) MTBE	7.823	73	63243	1.232	ppbV	99
35) vinyl acetate	7.931	43	36811	1.327	ppbV	98
36) 2-butanone	8.197	43	32468	1.201	ppbV	98
37) cis-1,2-dichloroethene	8.678	61	30800	1.090	ppbV	96
38) Ethyl Acetate	8.955	61	5783	1.139	ppbV	68
39) chloroform	9.012	83	57878	1.135	ppbV	98
40) Tetrahydrofuran	9.460	42	17536	1.365	ppbV	98
41) 2,2-dichloropropane	9.036	77	45040	1.084	ppbV	98
42) 1,2-dichloroethane	9.835	62	33251	1.073	ppbV	98
44) hexane	8.930	57	28726	1.210	ppbV	81
45) diisopropyl ether	8.930	87	22141	1.062	ppbV	99
46) tert-butyl ethyl ether	9.533	59	64991	1.071	ppbV	99
48) 1,1,1-trichloroethane	10.120	97	64510	1.086	ppbV	99
49) 1,1-dichloropropene	10.475	75	38994	1.038	ppbV	98
50) benzene	10.635	78	78984	1.092	ppbV	99
51) thiophene	10.786	84	72116	0.804	ppbV	98
52) carbon tetrachloride	10.805	117	71574	1.108	ppbV	99
53) cyclohexane	10.946	56	28982	1.212	ppbV	98
54) tert-amyl methyl ether	11.323	73	67439	1.031	ppbV	100
55) dibromomethane	11.531	93	36081	1.046	ppbV	97
56) 1,2-dichloropropane	11.568	63	23546	1.052	ppbV	97
57) bromodichloromethane	11.785	83	58204	1.133	ppbV	98
58) 1,4-dioxane	11.851	88	17076	1.136	ppbV	98
59) trichloroethene	11.842	130	46858	1.110	ppbV	95
60) 2,2,4-trimethylpentane	11.889	57	90338	1.208	ppbV	98
61) methyl methacrylate	12.087	41	22451	1.047	ppbV	98
62) heptane	12.200	43	26353	1.168	ppbV	99
63) cis-1,3-dichloropropene	12.840	75	39333	0.990	ppbV	97
64) 4-methyl-2-pentanone	12.890	43	38052	1.094	ppbV	99
65) trans-1,3-dichloropropene	13.449	75	31310	0.972	ppbV	99
66) 1,1,2-trichloroethane	13.649	97	37726	1.057	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236986.D
Acq On : 21 Nov 2025 11:55 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:49:02 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	13.974	91	102638	1.137	ppbV	98
70) 2-methylthiophene	14.049	97	100880	0.822	ppbV	100
71) 1,3-dichloropropane	14.008	76	44632	1.147	ppbV	99
72) 2-hexanone	14.275	43	34904	1.143	ppbV	96
73) 3-methylthiophene	14.241	97	103893	0.799	ppbV	97
74) dibromochloromethane	14.433	129	68284	1.164	ppbV	99
75) 1,2-dibromoethane	14.683	107	58464	1.079	ppbV	99
76) butyl acetate	14.942	73	11544	1.073	ppbV	93
77) octane	15.025	85	31751	1.188	ppbV	99
78) tetrachloroethene	15.151	166	62561	1.124	ppbV	98
79) 1,1,1,2-tetrachloroethane	15.764	131	49746	1.063	ppbV	99
80) chlorobenzene	15.772	112	83937	1.102	ppbV	99
81) ethylbenzene	16.112	91	128647	1.091	ppbV	99
82) 2-ethylthiophene	16.147	97	122086	0.805	ppbV	100
83) m+p-xylene	16.260	91	197090	2.262	ppbV	99
84) bromoform	16.329	173	65619	1.126	ppbV	98
85) styrene	16.573	104	73378	1.039	ppbV	99
86) 1,1,2,2-tetrachloroethane	16.660	83	69742	1.083	ppbV	99
87) o-xylene	16.660	91	98801	1.114	ppbV	99
88) 1,2,3-trichloropropane	16.773	75	49342	1.124	ppbV	99
89) nonane	16.852	43	38556	1.107	ppbV	99
91) isopropylbenzene	17.156	105	135137	1.057	ppbV	100
92) bromobenzene	17.226	77	61227	1.106	ppbV	95
93) 2-chlorotoluene	17.539	126	39772	1.101	ppbV	92
94) n-propylbenzene	17.566	120	39498	1.061	ppbV	84
95) 4-chlorotoluene	17.600	126	35427	1.029	ppbV	89
96) 4-ethyl toluene	17.687	105	128432	1.160	ppbV	99
97) 1,3,5-trimethylbenzene	17.748	105	105531	1.049	ppbV	100
98) tert-butylbenzene	18.073	119	126962	1.031	ppbV	99
99) 1,2,4-trimethylbenzene	18.073	105	113158	1.026	ppbV	97
100) decane	18.153	57	48117	1.052	ppbV	99
101) Benzyl Chloride	18.193	91	67542	0.864	ppbV	100
102) 1,3-dichlorobenzene	18.201	146	88101	1.054	ppbV	97
103) 1,4-dichlorobenzene	18.257	146	82573	1.003	ppbV	98
104) sec-butylbenzene	18.289	105	166901	1.104	ppbV	98
105) 1,2,3-trimethylbenzene	18.417	105	116532	1.008	ppbV	99
106) p-isopropyltoluene	18.417	119	151638	0.997	ppbV	100
107) 1,2-dichlorobenzene	18.528	146	80285	1.007	ppbV	98
108) n-butylbenzene	18.752	91	122587	1.017	ppbV	98
109) indan	18.576	117	100617	1.095	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236986.D
Acq On : 21 Nov 2025 11:55 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:49:02 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

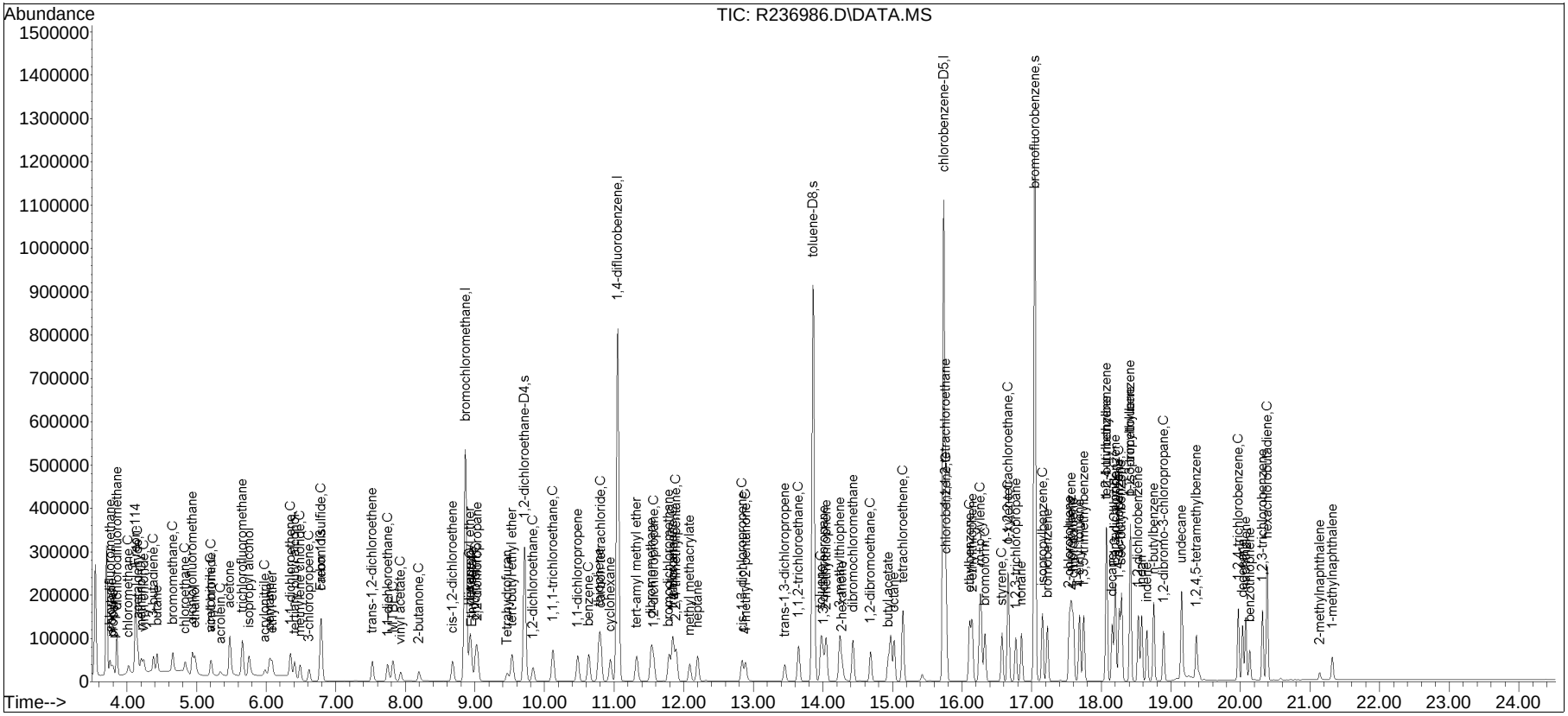
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.656	115	77226	1.014	ppbV	99
111) 1,2-dibromo-3-chloropr...	18.896	75	29773	0.911	ppbV	93
112) undecane	19.151	57	79895	1.065	ppbV	99
113) 1,2,4,5-tetramethylben...	19.367	119	64997	0.787	ppbV	100
114) dodecane	20.028	57	43076	0.815	ppbV	99
115) 1,2,4-trichlorobenzene	19.970	180	60306	0.754	ppbV	99
116) naphthalene	20.075	128	132565	0.762	ppbV	99
117) 1,2,3-trichlorobenzene	20.314	180	59991	0.758	ppbV	98
118) benzothiophene	20.133	134	61116	0.505	ppbV	99
119) hexachlorobutadiene	20.385	225	56595	0.835	ppbV	97
120) 2-methylnaphthalene	21.139	142	13627	0.300	ppbV	95
121) 1-methylnaphthalene	21.320	142	35780	0.274	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236986.D
Acq On : 21 Nov 2025 11:55 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:49:02 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

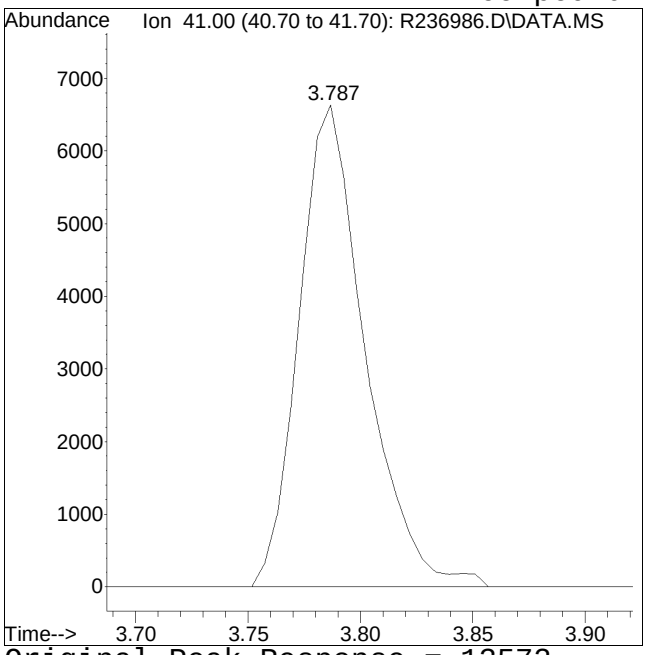


Manual Integration Report

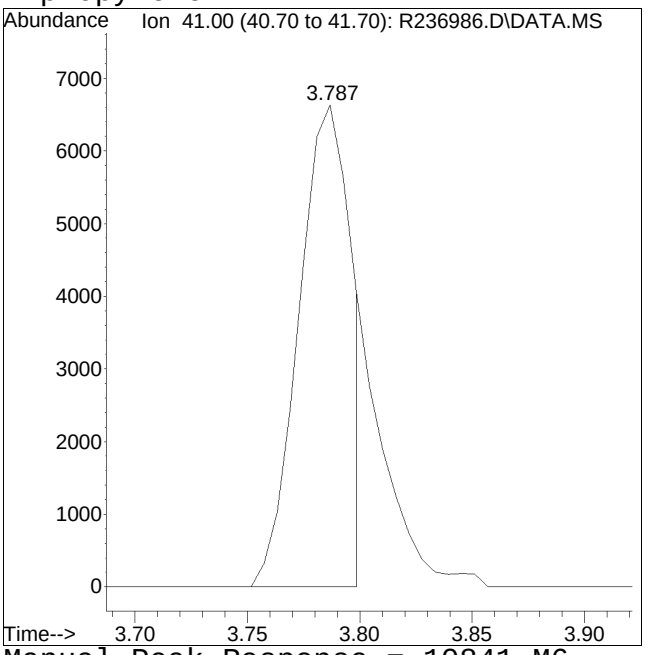
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236986.D
Date Inj'd : 11/21/2025 11:55 pm
Sample : ITO15-SIMSTD1.0

Method : TFS23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 8:49 am

Compound #3: propylene



Original Peak Response = 13572



Manual Peak Response = 10841 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236987.D
Acq On : 22 Nov 2025 12:33 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:49:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.870	49	219470	10.000	ppbV	0.00
Standard Area = 215783			Recovery = 101.71%			
43) 1,4-difluorobenzene	11.057	114	954407	10.000	ppbV	0.00
Standard Area = 895236			Recovery = 106.61%			
67) chlorobenzene-D5	15.734	54	131294	10.000	ppbV	0.00
Standard Area = 128102			Recovery = 102.49%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.718	65	256658	9.604	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.04%			
69) toluene-D8	13.863	98	844110	10.078	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.78%			
90) bromofluorobenzene	17.040	95	466409	10.181	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.81%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.757	51	115996	5.466	ppbV	100
3) propylene	3.786	41	43378M6	5.663	ppbV	
4) propane	3.810	29	31391	5.236	ppbV	93
5) dichlorodifluoromethane	3.857	85	296304	5.302	ppbV	99
6) chloromethane	4.021	50	78158	4.988	ppbV	99
7) Freon-114	4.126	85	354111	5.107	ppbV	99
8) methanol	4.202	31	104041	25.570	ppbV #	87
9) vinyl chloride	4.243	62	106233	5.080	ppbV	99
10) 1,3-butadiene	4.383	54	63950	5.072	ppbV	99
11) butane	4.436	43	125144	4.983	ppbV	99
12) acetaldehyde	4.149	29	162280	26.360	ppbV	99
13) bromomethane	4.659	94	130477	5.007	ppbV	100
14) chloroethane	4.840	64	61813	4.904	ppbV	98
15) ethanol	4.980	31	213568	25.747	ppbV	100
16) dichlorofluoromethane	4.945	67	204917	5.031	ppbV	100
17) vinyl bromide	5.210	106	91726	5.025	ppbV	100
18) acrolein	5.338	56	34304	4.932	ppbV	98
19) acetone	5.467	43	477911	25.416	ppbV	99
20) acetonitrile	5.198	41	51072	5.039	ppbV	99
21) trichlorofluoromethane	5.660	101	308166	5.098	ppbV	99
22) isopropyl alcohol	5.753	45	253003	13.340	ppbV	100
23) acrylonitrile	5.981	53	57768	4.985	ppbV	99
24) pentane	6.057	43	118082	5.153	ppbV	99

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236987.D
Acq On : 22 Nov 2025 12:33 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:49:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	6.075	31	54690	5.076	ppbV	99
26) 1,1-dichloroethene	6.354	61	172899	5.147	ppbV	99
27) tertiary butyl alcohol	6.405	59	150801	6.008	ppbV	98
28) methylene chloride	6.493	49	90765	5.218	ppbV	99
29) 3-chloropropene	6.622	41	68434	5.185	ppbV	98
30) carbon disulfide	6.790	76	232537	5.156	ppbV	99
31) Freon 113	6.790	101	244833	5.152	ppbV	100
32) trans-1,2-dichloroethene	7.530	61	114461	5.084	ppbV	99
33) 1,1-dichloroethane	7.747	63	172650	5.115	ppbV	100
34) MTBE	7.817	73	242350	5.135	ppbV	99
35) vinyl acetate	7.931	43	117166	4.596	ppbV	100
36) 2-butanone	8.186	43	127059	5.115	ppbV	99
37) cis-1,2-dichloroethene	8.683	61	131622	5.066	ppbV	100
38) Ethyl Acetate	8.952	61	24080	5.161	ppbV	67
39) chloroform	9.017	83	241112	5.143	ppbV	100
40) Tetrahydrofuran	9.449	42	59157	5.008	ppbV	99
41) 2,2-dichloropropane	9.042	77	193168	5.056	ppbV	100
42) 1,2-dichloroethane	9.840	62	143131	5.023	ppbV	99
44) hexane	8.936	57	108158	4.781	ppbV	94
45) diisopropyl ether	8.928	87	95781	4.824	ppbV	99
46) tert-butyl ethyl ether	9.531	59	279951	4.845	ppbV	100
48) 1,1,1-trichloroethane	10.126	97	272117	4.810	ppbV	100
49) 1,1-dichloropropene	10.482	75	169626	4.742	ppbV	98
50) benzene	10.642	78	333114	4.836	ppbV	100
51) thiophene	10.783	84	412379	4.825	ppbV	99
52) carbon tetrachloride	10.812	117	298153	4.845	ppbV	99
53) cyclohexane	10.943	56	111045	4.877	ppbV	99
54) tert-amyl methyl ether	11.320	73	295695	4.745	ppbV	99
55) dibromomethane	11.537	93	157543	4.795	ppbV	98
56) 1,2-dichloropropane	11.566	63	104451	4.900	ppbV	98
57) bromodichloromethane	11.792	83	235161	4.804	ppbV	100
58) 1,4-dioxane	11.829	88	70383	4.914	ppbV	98
59) trichloroethene	11.848	130	193650	4.816	ppbV	99
60) 2,2,4-trimethylpentane	11.895	57	349175	4.901	ppbV	100
61) methyl methacrylate	12.084	41	98080	4.804	ppbV	99
62) heptane	12.197	43	103236	4.803	ppbV	99
63) cis-1,3-dichloropropene	12.837	75	179990	4.755	ppbV	99
64) 4-methyl-2-pentanone	12.879	43	159534	4.815	ppbV	99
65) trans-1,3-dichloropropene	13.454	75	143548	4.677	ppbV	99
66) 1,1,2-trichloroethane	13.655	97	163952	4.823	ppbV	99

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236987.D
Acq On : 22 Nov 2025 12:33 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:49:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	13.980	91	440142	4.992	ppbV	99
70) 2-methylthiophene	14.047	97	609348	5.088	ppbV	100
71) 1,3-dichloropropane	14.005	76	192448	5.066	ppbV	99
72) 2-hexanone	14.263	43	150015	5.032	ppbV	99
73) 3-methylthiophene	14.247	97	636352	5.011	ppbV	99
74) dibromochloromethane	14.430	129	280365	4.897	ppbV	100
75) 1,2-dibromoethane	14.689	107	258667	4.890	ppbV	99
76) butyl acetate	14.931	73	52717	5.019	ppbV	96
77) octane	15.023	85	130858	5.016	ppbV	99
78) tetrachloroethene	15.148	166	268293	4.937	ppbV	98
79) 1,1,1,2-tetrachloroethane	15.760	131	220390	4.822	ppbV	99
80) chlorobenzene	15.778	112	367384	4.940	ppbV	99
81) ethylbenzene	16.109	91	572383	4.970	ppbV	100
82) 2-ethylthiophene	16.143	97	746063	5.036	ppbV	99
83) m+p-xylene	16.265	91	846098	9.946	ppbV	100
84) bromoform	16.326	173	271849	4.778	ppbV	99
85) styrene	16.570	104	337296	4.894	ppbV	100
86) 1,1,2,2-tetrachloroethane	16.657	83	309941	4.930	ppbV	99
87) o-xylene	16.666	91	427361	4.936	ppbV	100
88) 1,2,3-trichloropropane	16.770	75	214496	5.003	ppbV	100
89) nonane	16.849	43	168572	4.957	ppbV	99
91) isopropylbenzene	17.153	105	611866	4.904	ppbV	100
92) bromobenzene	17.223	77	268684	4.972	ppbV	95
93) 2-chlorotoluene	17.536	126	178710	5.067	ppbV	92
94) n-propylbenzene	17.571	120	178873	4.920	ppbV	95
95) 4-chlorotoluene	17.597	126	156885	4.667	ppbV	88
96) 4-ethyl toluene	17.684	105	553334	5.119	ppbV	100
97) 1,3,5-trimethylbenzene	17.745	105	463418	4.716	ppbV	100
98) tert-butylbenzene	18.071	119	578830	4.813	ppbV	100
99) 1,2,4-trimethylbenzene	18.071	105	521528	4.842	ppbV	97
100) decane	18.151	57	219378	4.912	ppbV	98
101) Benzyl Chloride	18.191	91	351123	4.600	ppbV	100
102) 1,3-dichlorobenzene	18.199	146	406389	4.982	ppbV	99
103) 1,4-dichlorobenzene	18.255	146	377575	4.699	ppbV	99
104) sec-butylbenzene	18.287	105	732689	4.965	ppbV	99
105) 1,2,3-trimethylbenzene	18.414	105	544830	4.827	ppbV	99
106) p-isopropyltoluene	18.414	119	710733	4.787	ppbV	100
107) 1,2-dichlorobenzene	18.526	146	380187	4.882	ppbV	99
108) n-butylbenzene	18.750	91	572693	4.867	ppbV	99
109) indan	18.582	117	437639	4.877	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236987.D
Acq On : 22 Nov 2025 12:33 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:49:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

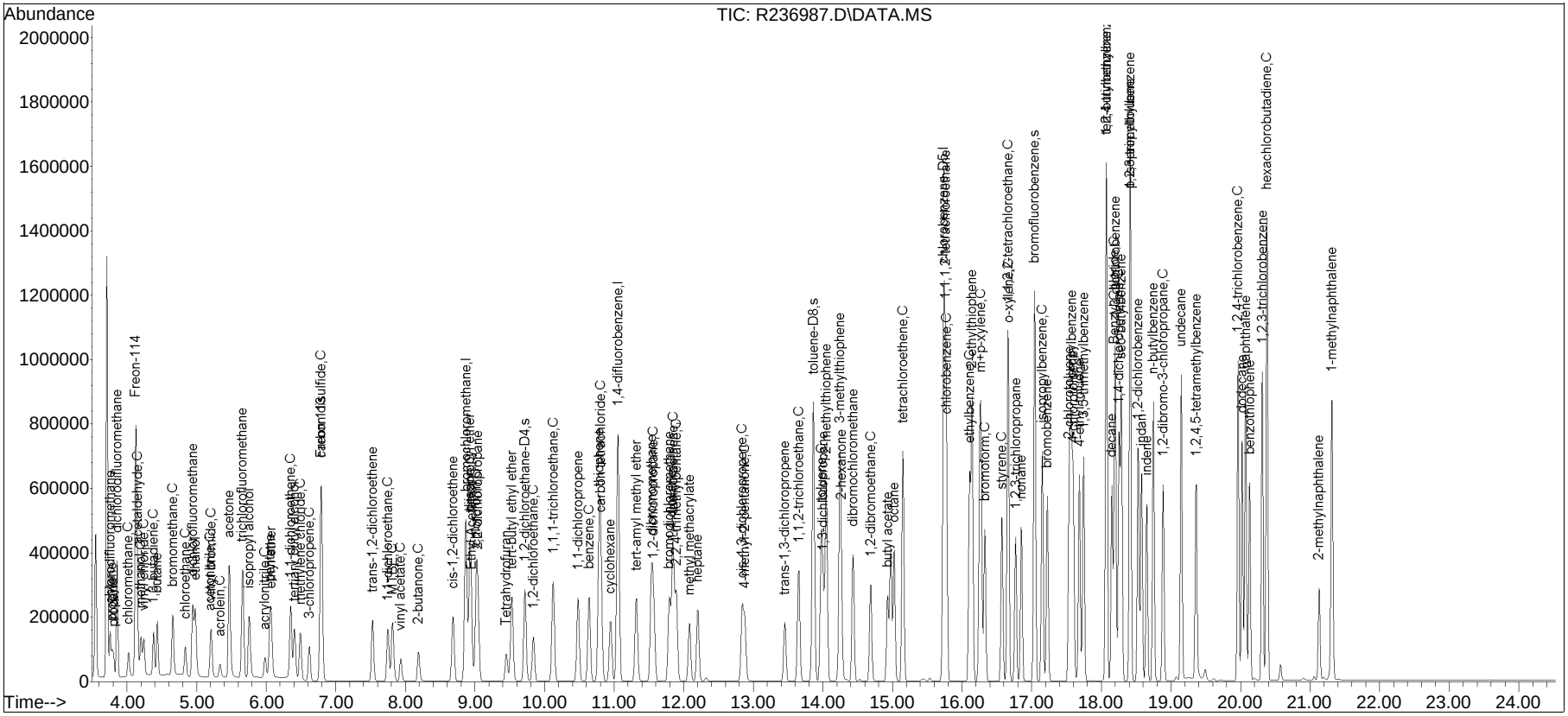
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.654	115	357296	4.806	ppbV	100
111) 1,2-dibromo-3-chloropr...	18.885	75	152014	4.763	ppbV	96
112) undecane	19.149	57	339824	4.640	ppbV	99
113) 1,2,4,5-tetramethylben...	19.364	119	410157	5.086	ppbV	99
114) dodecane	20.022	57	244868	4.748	ppbV	98
115) 1,2,4-trichlorobenzene	19.963	180	354513	4.541	ppbV	100
116) naphthalene	20.074	128	796722	4.689	ppbV	100
117) 1,2,3-trichlorobenzene	20.314	180	352298	4.559	ppbV	99
118) benzothiophene	20.133	134	536350	4.541	ppbV	100
119) hexachlorobutadiene	20.378	225	305868	4.623	ppbV	97
120) 2-methylnaphthalene	21.127	142	174786	3.947	ppbV	99
121) 1-methylnaphthalene	21.314	142	531938	4.166	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236987.D
Acq On : 22 Nov 2025 12:33 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

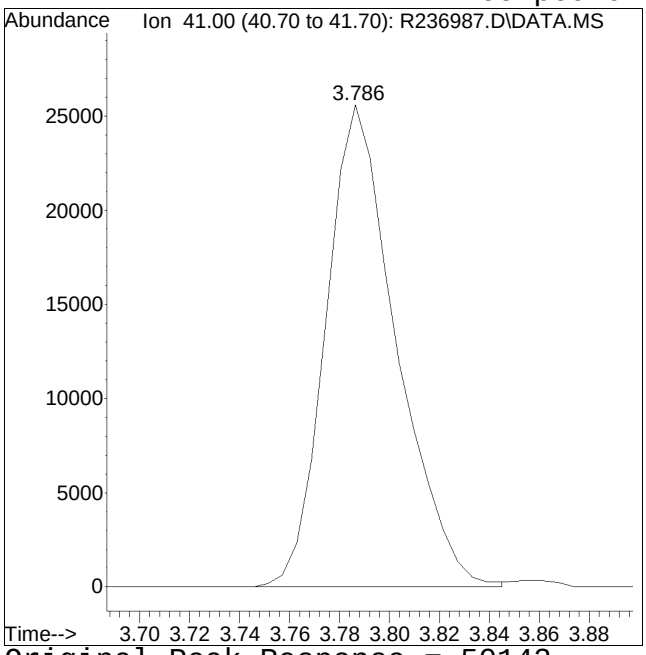
Quant Time: Nov 22 08:49:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration



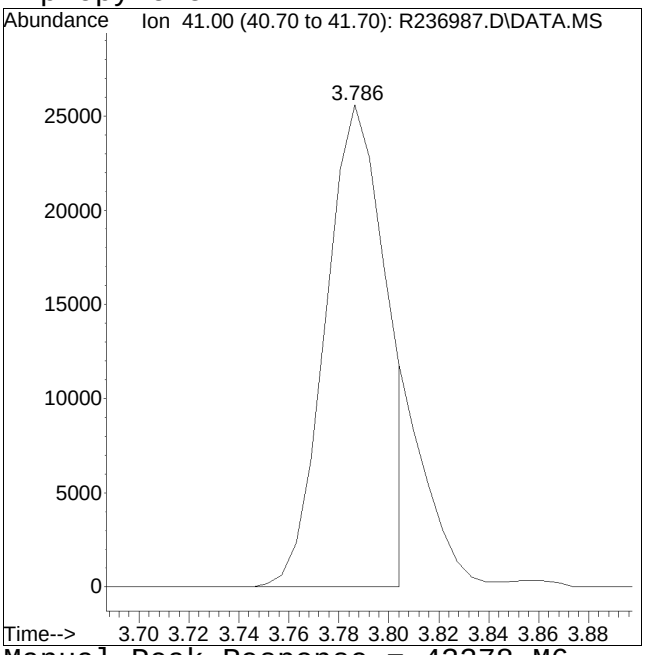
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R236987.D Operator : AIRLAB23:BJB
Date Inj'd : 11/22/2025 12:33 am Instrument : Airlab 23
Sample : ITO15-SIMSTD5.0 Quant Date : 11/22/2025 8:49 am

Compound #3: propylene



Original Peak Response = 50142



Manual Peak Response = 43378 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236988.D
Acq On : 22 Nov 2025 01:14 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD010
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:40:28 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Oct 12 15:01:07 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.874	49	215783	10.000	ppbV	# 0.00
Standard Area = 215783			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.060	114	895236	10.000	ppbV	# 0.00
Standard Area = 895236			Recovery = 100.00%			
67) chlorobenzene-D5	15.738	54	128102	10.000	ppbV	# 0.00
Standard Area = 128102			Recovery = 100.00%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.721	65	250667	7.885	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 78.85%			
69) toluene-D8	13.866	98	817190	12.180	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 121.80%			
90) bromofluorobenzene	17.044	95	446976	12.007	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 120.07%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.757	51	208645	9.036	ppbV	93
3) propylene	3.787	41	75308M6	6.616	ppbV	
4) propane	3.804	29	58943	7.703	ppbV	95
5) dichlorodifluoromethane	3.857	85	549450	11.893	ppbV	98
6) chloromethane	4.021	50	154072	10.004	ppbV	100
7) Freon-114	4.126	85	681775	13.454	ppbV	88
8) methanol	4.202	31	200025	44.547	ppbV	98
9) vinyl chloride	4.243	62	205605	11.579	ppbV	99
10) 1,3-butadiene	4.384	54	123963	10.126	ppbV	96
11) butane	4.436	43	246903	10.478	ppbV	99
12) acetaldehyde	4.144	29	302641	50.209	ppbV	99
13) bromomethane	4.659	94	256208	14.492	ppbV	99
14) chloroethane	4.840	64	123939	12.030	ppbV	99
15) ethanol	4.986	31	407783	42.957	ppbV	100
16) dichlorofluoromethane	4.945	67	400434	9.867	ppbV	99
17) vinyl bromide	5.210	106	179468	11.379	ppbV	98
18) acrolein	5.333	56	68379	9.073	ppbV	97
19) acetone	5.467	43	924365	40.966	ppbV	99
20) acetonitrile	5.204	41	99649	7.766	ppbV	98
21) trichlorofluoromethane	5.660	101	594381	12.844	ppbV	99
22) isopropyl alcohol	5.765	45	466162	18.691	ppbV	99
23) acrylonitrile	5.987	53	113926	8.888	ppbV	98
24) pentane	6.057	43	225285	8.386	ppbV #	95

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236988.D
Acq On : 22 Nov 2025 01:14 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD010
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:40:28 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Oct 12 15:01:07 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.075	31	105937	8.021	ppbV		90
26) 1,1-dichloroethene	6.354	61	330253	10.542	ppbV	#	89
27) tertiary butyl alcohol	6.410	59	246779	9.115	ppbV		96
28) methylene chloride	6.493	49	171015	8.801	ppbV	#	79
29) 3-chloropropene	6.622	41	129771	7.564	ppbV	#	82
30) carbon disulfide	6.790	76	443428	9.662	ppbV		100
31) Freon 113	6.790	101	467261	12.321	ppbV		93
32) trans-1,2-dichloroethene	7.531	61	221354	9.085	ppbV	#	80
33) 1,1-dichloroethane	7.753	63	331873	10.013	ppbV		100
34) MTBE	7.812	73	464070	9.962	ppbV		96
35) vinyl acetate	7.937	43	250636	7.162	ppbV	#	91
36) 2-butanone	8.186	43	244253	7.953	ppbV	#	90
37) cis-1,2-dichloroethene	8.686	61	255470	9.897	ppbV	#	78
38) Ethyl Acetate	8.947	61	45874	8.897	ppbV		88
39) chloroform	9.020	83	460901	11.769	ppbV		98
40) Tetrahydrofuran	9.444	42	116136	7.336	ppbV	#	83
41) 2,2-dichloropropane	9.045	77	375656	11.151	ppbV		92
42) 1,2-dichloroethane	9.843	62	280176	10.588	ppbV		98
44) hexane	8.931	57	212211	6.132	ppbV	#	96
45) diisopropyl ether	8.931	87	186260	8.358	ppbV	#	62
46) tert-butyl ethyl ether	9.534	59	542044	6.999	ppbV		92
48) 1,1,1-trichloroethane	10.121	97	530627	8.960	ppbV		92
49) 1,1-dichloropropene	10.485	75	335556	7.845	ppbV		89
50) benzene	10.645	78	646111	7.885	ppbV		94
51) thiophene	10.786	84	801721	11.537	ppbV		92
52) carbon tetrachloride	10.805	117	577226	9.565	ppbV		99
53) cyclohexane	10.947	56	213575	5.964	ppbV	#	87
54) tert-amyl methyl ether	11.314	73	584549	7.670	ppbV		95
55) dibromomethane	11.540	93	308190	8.740	ppbV		90
56) 1,2-dichloropropane	11.569	63	199960	6.953	ppbV		97
57) bromodichloromethane	11.795	83	459138	7.809	ppbV		99
58) 1,4-dioxane	11.833	88	134363	7.712	ppbV	#	82
59) trichloroethene	11.842	130	377182	9.554	ppbV		98
60) 2,2,4-trimethylpentane	11.889	57	668308	6.069	ppbV	#	97
61) methyl methacrylate	12.078	41	191516	6.027	ppbV	#	78
62) heptane	12.200	43	201596	5.446	ppbV	#	89
63) cis-1,3-dichloropropene	12.840	75	355085	7.900	ppbV		94
64) 4-methyl-2-pentanone	12.873	43	310814	6.144	ppbV	#	95
65) trans-1,3-dichloropropene	13.449	75	287906	8.075	ppbV		95
66) 1,1,2-trichloroethane	13.649	97	318861	8.882	ppbV		93

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236988.D
Acq On : 22 Nov 2025 01:14 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD010
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:40:28 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Oct 12 15:01:07 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68)	toluene	13.975	91	860301	11.693	ppbV		100
70)	2-methylthiophene	14.050	97	1168480	17.271	ppbV		98
71)	1,3-dichloropropane	14.008	76	370656	10.381	ppbV		88
72)	2-hexanone	14.267	43	290860	8.256	ppbV	#	94
73)	3-methylthiophene	14.250	97	1238964	17.527	ppbV		99
74)	dibromochloromethane	14.433	129	558608	12.173	ppbV		100
75)	1,2-dibromoethane	14.684	107	516061	12.784	ppbV		100
76)	butyl acetate	14.926	73	102473	10.232	ppbV		80
77)	octane	15.026	85	254555	10.972	ppbV	#	75
78)	tetrachloroethene	15.151	166	530245	13.581	ppbV		94
79)	1,1,1,2-tetrachloroethane	15.764	131	445942	13.170	ppbV		99
80)	chlorobenzene	15.773	112	725611	12.386	ppbV		94
81)	ethylbenzene	16.103	91	1123572	11.834	ppbV		97
82)	2-ethylthiophene	16.147	97	1445441	17.432	ppbV	#	96
83)	m+p-xylene	16.260	91	1659995	23.066	ppbV		98
84)	bromoform	16.330	173	555143	12.295	ppbV		99
85)	styrene	16.574	104	672494	12.339	ppbV		97
86)	1,1,2,2-tetrachloroethane	16.661	83	613450	11.194	ppbV		99
87)	o-xylene	16.661	91	844813	11.618	ppbV		98
88)	1,2,3-trichloropropane	16.765	75	418315	10.033	ppbV		92
89)	nonane	16.852	43	331833	8.051	ppbV	#	94
91)	isopropylbenzene	17.148	105	1217459	11.970	ppbV		99
92)	bromobenzene	17.226	77	527253	10.199	ppbV	#	78
93)	2-chlorotoluene	17.540	126	344153	12.054	ppbV		73
94)	n-propylbenzene	17.566	120	354707	12.095	ppbV		90
95)	4-chlorotoluene	17.601	126	327997	12.310	ppbV		77
96)	4-ethyl toluene	17.688	105	1054577	10.733	ppbV		99
97)	1,3,5-trimethylbenzene	17.749	105	958737	12.178	ppbV		100
98)	tert-butylbenzene	18.074	119	1173368	12.568	ppbV		99
99)	1,2,4-trimethylbenzene	18.074	105	1050984	12.596	ppbV		98
100)	decane	18.154	57	435731	8.511	ppbV	#	96
101)	Benzyl Chloride	18.186	91	744779	10.906	ppbV		98
102)	1,3-dichlorobenzene	18.202	146	795916	12.714	ppbV		93
103)	1,4-dichlorobenzene	18.258	146	783972	13.141	ppbV		93
104)	sec-butylbenzene	18.290	105	1439903	11.657	ppbV		97
105)	1,2,3-trimethylbenzene	18.418	105	1101173	12.078	ppbV		99
106)	p-isopropyltoluene	18.410	119	1448744	12.584	ppbV		99
107)	1,2-dichlorobenzene	18.529	146	759821	12.703	ppbV		95
108)	n-butylbenzene	18.745	91	1148183	11.473	ppbV		97
109)	indan	18.577	117	875578	11.533	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236988.D
Acq On : 22 Nov 2025 01:14 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD010
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:40:28 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Oct 12 15:01:07 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

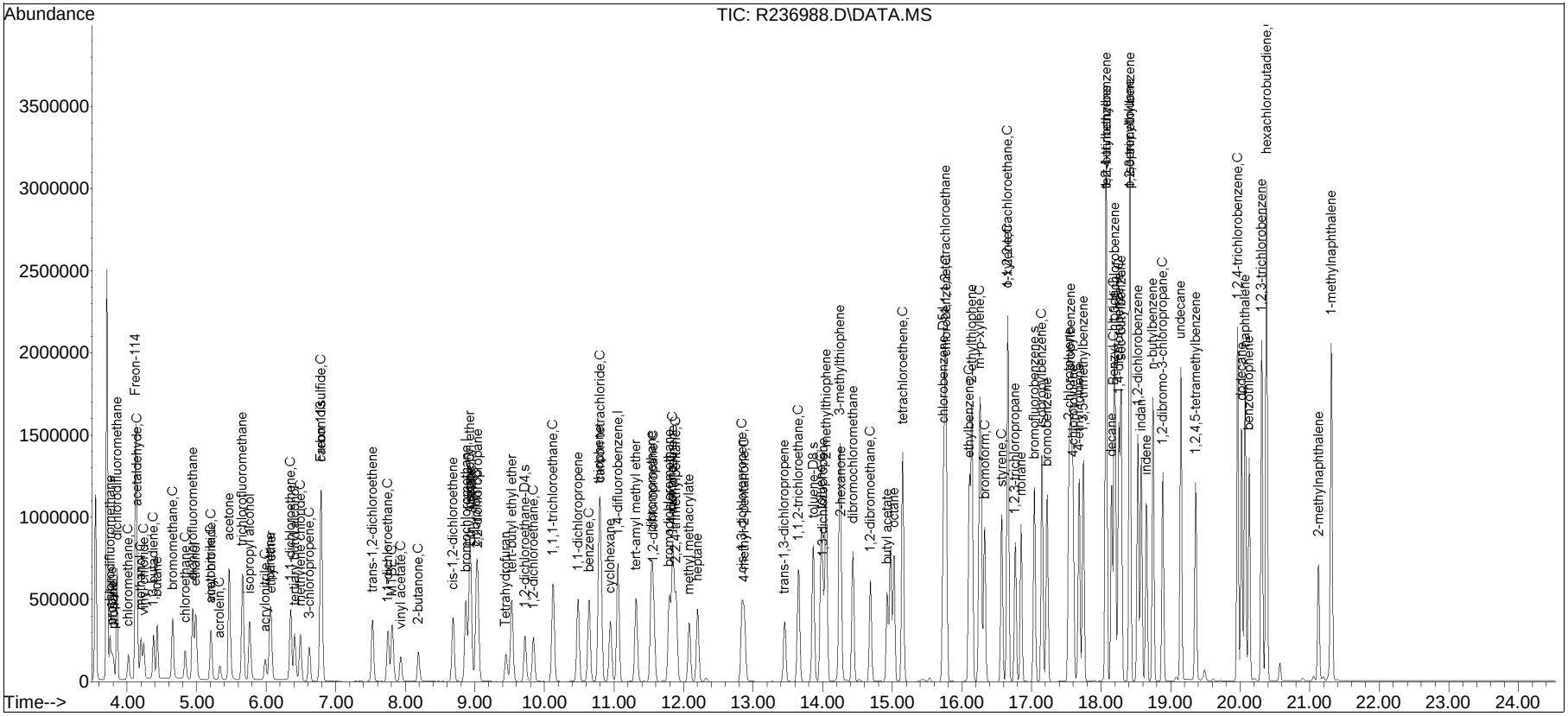
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	18.649	115	725390	11.748	ppbV		100
111) 1,2-dibromo-3-chloropr...	18.889	75	311388	10.526	ppbV		83
112) undecane	19.144	57	714568	9.772	ppbV	#	97
113) 1,2,4,5-tetramethylben...	19.360	119	786771	19.664	ppbV		98
114) dodecane	20.017	57	503191	8.404	ppbV		100
115) 1,2,4-trichlorobenzene	19.965	180	761631	14.741	ppbV		99
116) naphthalene	20.070	128	1657723	13.491	ppbV		99
117) 1,2,3-trichlorobenzene	20.310	180	753998	15.001	ppbV		99
118) benzothiophene	20.128	134	1152483	15.511	ppbV		97
119) hexachlorobutadiene	20.380	225	645503	14.237	ppbV		98
120) 2-methylnaphthalene	21.128	142	432051	17.754	ppbV		99
121) 1-methylnaphthalene	21.309	142	1245740	35.859	ppbV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236988.D
Acq On : 22 Nov 2025 01:14 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD010
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

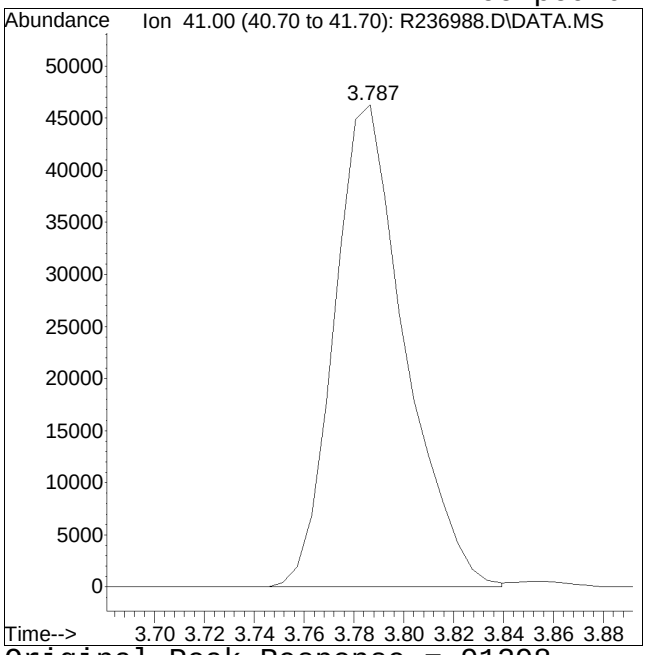
Quant Time: Nov 22 08:40:28 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Oct 12 15:01:07 2025
Response via : Initial Calibration



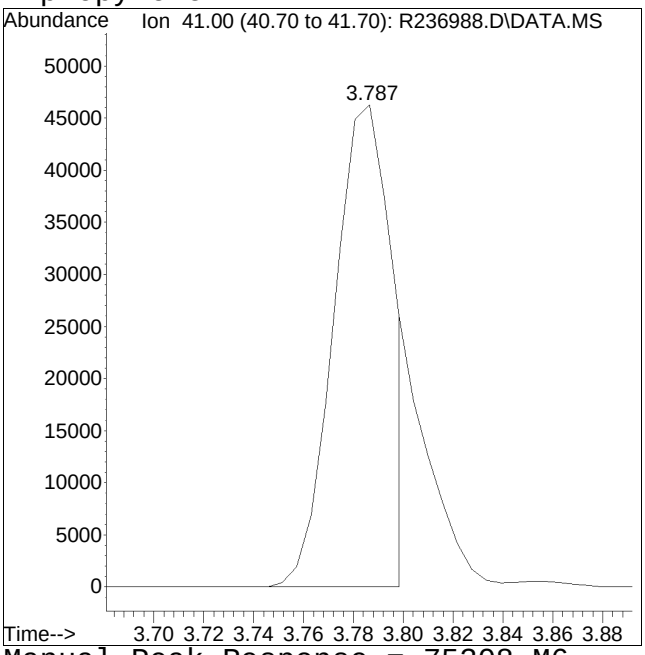
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R236988.D Operator : AIRLAB23:BJB
Date Inj'd : 11/22/2025 1:14 am Instrument : Airlab 23
Sample : ITO15-SIMSTD010 Quant Date : 11/22/2025 8:40 am

Compound #3: propylene



Original Peak Response = 91298



Manual Peak Response = 75308 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236989.D
Acq On : 22 Nov 2025 01:52 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD020
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.871	49	217031	10.000	ppbV	0.00
Standard Area = 215783			Recovery = 100.58%			
43) 1,4-difluorobenzene	11.057	114	911195	10.000	ppbV	0.00
Standard Area = 895236			Recovery = 101.78%			
67) chlorobenzene-D5	15.735	54	128743	10.000	ppbV	0.00
Standard Area = 128102			Recovery = 100.50%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.727	65	253688	9.943	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.43%			
69) toluene-D8	13.864	98	838986	10.216	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.16%			
90) bromofluorobenzene	17.041	95	466574	10.386	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.86%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.751	51	412791	19.671	ppbV	100
3) propylene	3.781	41	172446M6	22.767	ppbV	
4) propane	3.804	29	122854	20.723	ppbV	95
5) dichlorodifluoromethane	3.857	85	1116305	20.200	ppbV	100
6) chloromethane	4.021	50	315269	20.345	ppbV	100
7) Freon-114	4.126	85	1356121	19.777	ppbV	98
8) methanol	4.208	31	410498	102.022	ppbV	96
9) vinyl chloride	4.243	62	409900	19.822	ppbV	100
10) 1,3-butadiene	4.384	54	271635	21.787	ppbV	98
11) butane	4.436	43	495943	19.971	ppbV	100
12) acetaldehyde	4.144	29	609719	100.154	ppbV	99
13) bromomethane	4.653	94	513406	19.923	ppbV	100
14) chloroethane	4.840	64	246312	19.759	ppbV	99
15) ethanol	4.998	31	867676	105.778	ppbV	100
16) dichlorofluoromethane	4.945	67	838876	20.829	ppbV	100
17) vinyl bromide	5.210	106	415021	22.992	ppbV	99
18) acrolein	5.333	56	142903	20.778	ppbV	98
19) acetone	5.467	43	2053706	110.449	ppbV	98
20) acetonitrile	5.204	41	240905	24.036	ppbV	100
21) trichlorofluoromethane	5.660	101	1221003	20.424	ppbV	99
22) isopropyl alcohol	5.771	45	1095236	58.399	ppbV	100
23) acrylonitrile	5.993	53	239278	20.882	ppbV	98
24) pentane	6.057	43	467355	20.626	ppbV	99

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236989.D
Acq On : 22 Nov 2025 01:52 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD020
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	6.069	31	222159	20.850	ppbV	99
26) 1,1-dichloroethene	6.354	61	667080	20.083	ppbV	100
27) tertiary butyl alcohol	6.410	59	447913	18.046	ppbV	99
28) methylene chloride	6.493	49	397239	23.095	ppbV	99
29) 3-chloropropene	6.622	41	292849	22.437	ppbV	98
30) carbon disulfide	6.790	76	990851	22.217	ppbV	100
31) Freon 113	6.790	101	958954	20.405	ppbV	98
32) trans-1,2-dichloroethene	7.531	61	499367	22.430	ppbV	99
33) 1,1-dichloroethane	7.753	63	675870	20.248	ppbV	100
34) MTBE	7.813	73	1024569	21.951	ppbV	99
35) vinyl acetate	7.937	43	626261	24.843	ppbV	99
36) 2-butanone	8.186	43	551189	22.437	ppbV	100
37) cis-1,2-dichloroethene	8.692	61	527961	20.547	ppbV	100
38) Ethyl Acetate	8.953	61	102991	22.322	ppbV	71
39) chloroform	9.026	83	939319	20.263	ppbV	100
40) Tetrahydrofuran	9.450	42	264886	22.677	ppbV	99
41) 2,2-dichloropropane	9.042	77	777863	20.588	ppbV	99
42) 1,2-dichloroethane	9.849	62	577128	20.480	ppbV	99
44) hexane	8.937	57	473820	21.937	ppbV	94
45) diisopropyl ether	8.928	87	386151	20.369	ppbV	97
46) tert-butyl ethyl ether	9.531	59	1108760	20.097	ppbV	100
48) 1,1,1-trichloroethane	10.126	97	1107441	20.505	ppbV	100
49) 1,1-dichloropropene	10.482	75	693779	20.313	ppbV	98
50) benzene	10.643	78	1315347	20.001	ppbV	99
51) thiophene	10.793	84	1233581	15.117	ppbV	97
52) carbon tetrachloride	10.812	117	1211761	20.625	ppbV	99
53) cyclohexane	10.954	56	476739	21.931	ppbV	99
54) tert-amyl methyl ether	11.321	73	1238243	20.812	ppbV	100
55) dibromomethane	11.538	93	649153	20.694	ppbV	99
56) 1,2-dichloropropane	11.576	63	412513	20.268	ppbV	97
57) bromodichloromethane	11.793	83	1036330	22.176	ppbV	100
58) 1,4-dioxane	11.830	88	310143	22.678	ppbV	99
59) trichloroethene	11.849	130	777491	20.252	ppbV	99
60) 2,2,4-trimethylpentane	11.896	57	1472112	21.642	ppbV	100
61) methyl methacrylate	12.085	41	405366	20.795	ppbV	99
62) heptane	12.207	43	450444	21.953	ppbV	99
63) cis-1,3-dichloropropene	12.838	75	754075	20.865	ppbV	99
64) 4-methyl-2-pentanone	12.871	43	686593	21.703	ppbV	100
65) trans-1,3-dichloropropene	13.455	75	612520	20.902	ppbV	99
66) 1,1,2-trichloroethane	13.655	97	661309	20.376	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236989.D
Acq On : 22 Nov 2025 01:52 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD020
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	toluene	13.981	91	1758570	20.340	ppbV	100
70)	2-methylthiophene	14.047	97	1724789	14.687	ppbV	100
71)	1,3-dichloropropane	14.006	76	761850	20.452	ppbV	99
72)	2-hexanone	14.264	43	670860	22.950	ppbV	99
73)	3-methylthiophene	14.248	97	1836674	14.750	ppbV	99
74)	dibromochloromethane	14.431	129	1297808	23.117	ppbV	100
75)	1,2-dibromoethane	14.690	107	1072123	20.672	ppbV	99
76)	butyl acetate	14.923	73	215613	20.936	ppbV	99
77)	octane	15.023	85	525298	20.533	ppbV	99
78)	tetrachloroethene	15.149	166	1119598	21.010	ppbV	99
79)	1,1,1,2-tetrachloroethane	15.761	131	977158	21.803	ppbV	100
80)	chlorobenzene	15.779	112	1527962	20.953	ppbV	99
81)	ethylbenzene	16.109	91	2311267	20.468	ppbV	99
82)	2-ethylthiophene	16.144	97	2141029	14.739	ppbV	99
83)	m+p-xylene	16.266	91	3411919	40.903	ppbV	98
84)	bromoform	16.327	173	1372506	24.600	ppbV	99
85)	styrene	16.571	104	1422614	21.049	ppbV	99
86)	1,1,2,2-tetrachloroethane	16.658	83	1278669	20.740	ppbV	100
87)	o-xylene	16.667	91	1760286	20.733	ppbV	99
88)	1,2,3-trichloropropane	16.771	75	874607	20.804	ppbV	98
89)	nonane	16.849	43	710198	21.296	ppbV	99
91)	isopropylbenzene	17.154	105	2590662	21.173	ppbV	98
92)	bromobenzene	17.224	77	1116325	21.067	ppbV	98
93)	2-chlorotoluene	17.546	126	775393	22.418	ppbV	88
94)	n-propylbenzene	17.572	120	767313	21.525	ppbV	91
95)	4-chlorotoluene	17.598	126	698221	21.181	ppbV	95
96)	4-ethyl toluene	17.685	105	2469771	23.303	ppbV	99
97)	1,3,5-trimethylbenzene	17.746	105	1974050	20.488	ppbV	98
98)	tert-butylbenzene	18.072	119	2552827	21.648	ppbV	99
99)	1,2,4-trimethylbenzene	18.080	105	2244686	21.252	ppbV	99
100)	decane	18.152	57	949785	21.689	ppbV	99
101)	Benzyl Chloride	18.192	91	1775509	23.721	ppbV	97
102)	1,3-dichlorobenzene	18.200	146	1768558	22.110	ppbV	100
103)	1,4-dichlorobenzene	18.255	146	1686557	21.406	ppbV	100
104)	sec-butylbenzene	18.287	105	3054049	21.104	ppbV	98
105)	1,2,3-trimethylbenzene	18.415	105	2388432	21.582	ppbV	99
106)	p-isopropyltoluene	18.415	119	3151916	21.648	ppbV	98
107)	1,2-dichlorobenzene	18.535	146	1665276	21.808	ppbV	99
108)	n-butylbenzene	18.750	91	2402865	20.823	ppbV	96
109)	indan	18.583	117	1957670	22.247	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236989.D
Acq On : 22 Nov 2025 01:52 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD020
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.655	115	1620428	22.227	ppbV	100
111) 1,2-dibromo-3-chloropr...	18.886	75	674057	21.539	ppbV	99
112) undecane	19.149	57	1572216	21.893	ppbV	97
113) 1,2,4,5-tetramethylben...	19.357	119	1233183	15.596	ppbV	100
114) dodecane	20.017	57	1075186	21.261	ppbV	98
115) 1,2,4-trichlorobenzene	19.964	180	1668354	21.796	ppbV	99
116) naphthalene	20.069	128	3324019	19.952	ppbV	100
117) 1,2,3-trichlorobenzene	20.309	180	1586715	20.939	ppbV	99
118) benzothiophene	20.128	134	1835168	15.844	ppbV	99
119) hexachlorobutadiene	20.379	225	1403991	21.642	ppbV	98
120) 2-methylnaphthalene	21.122	142	595090	13.705	ppbV	99
121) 1-methylnaphthalene	21.309	142	1232420	9.844	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sub List     : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236989.D
Acq On    : 22 Nov 2025  01:52 am
Operator  : AIRLAB23:BJB
Sample    : ITO15-SIMSTD020
Misc      : WG2145605
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Nov 22 08:49:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title  : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration
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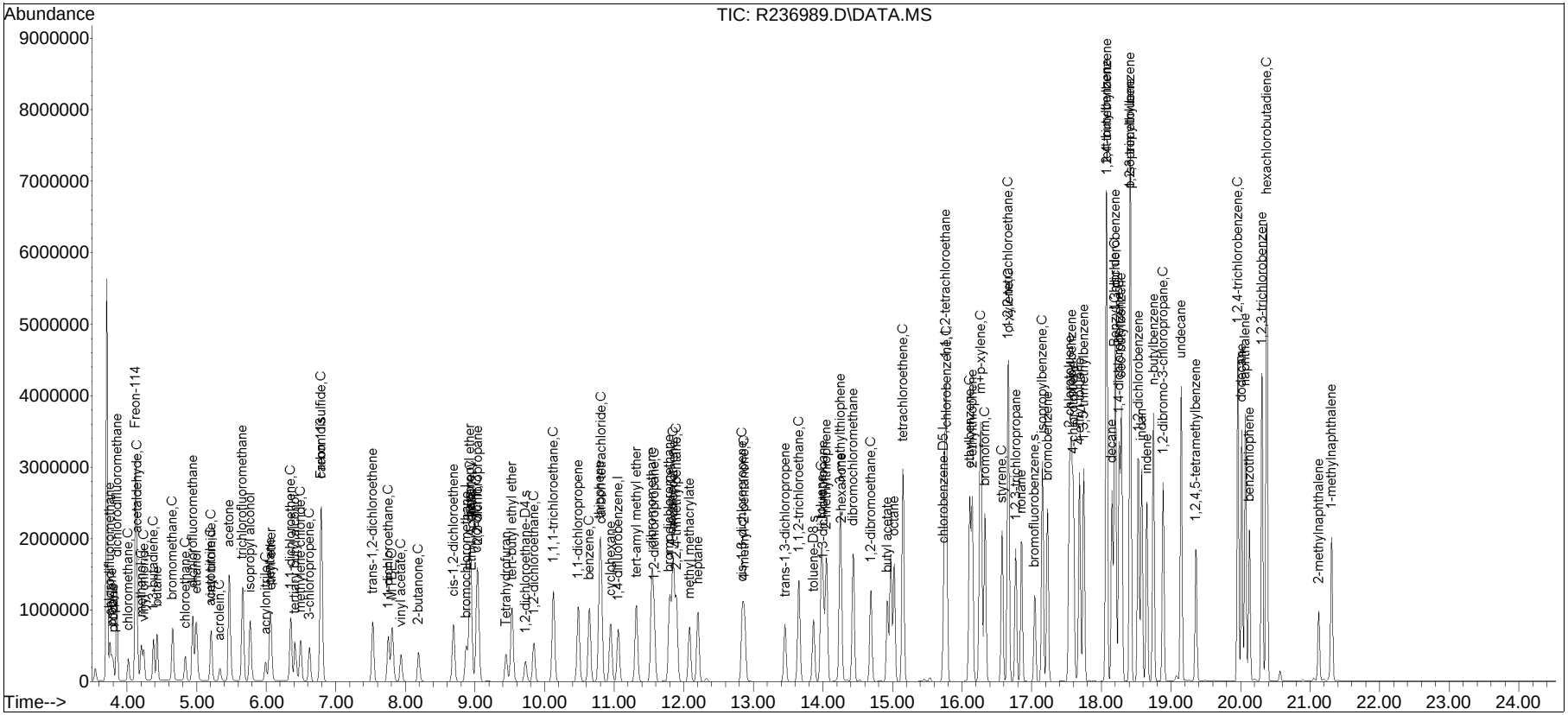
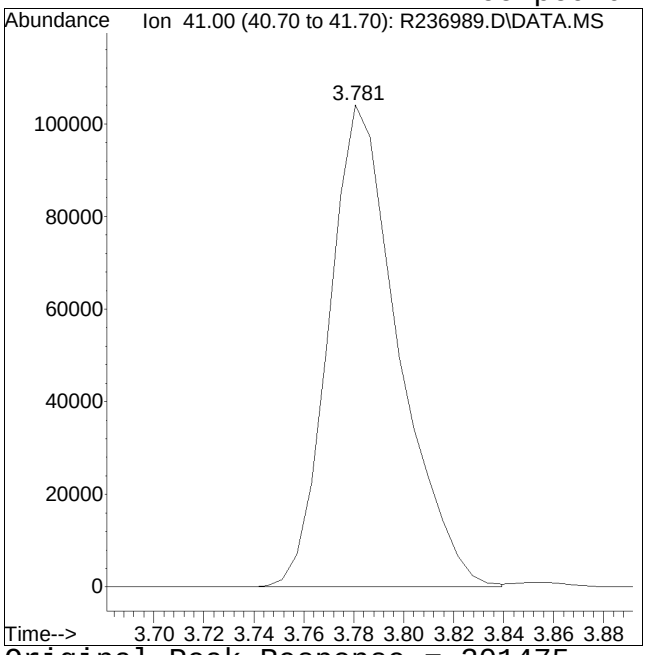


Manual Integration Report

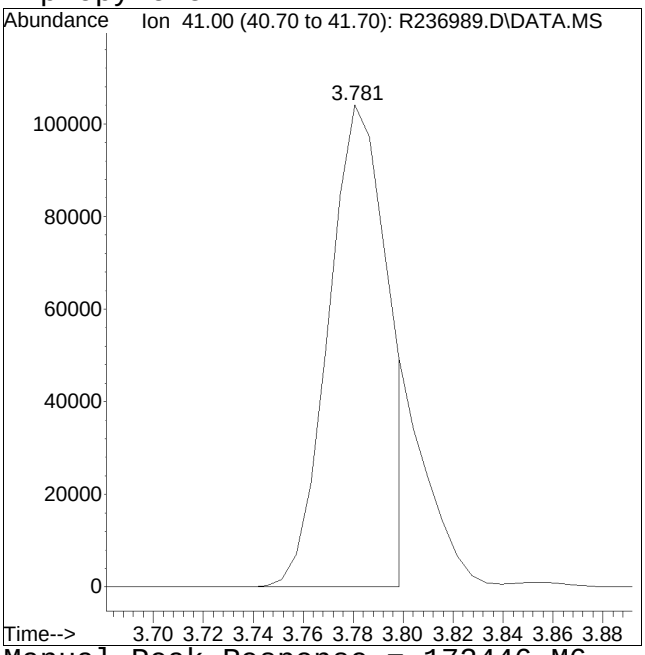
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236989.D
Date Inj'd : 11/22/2025 1:52 am
Sample : ITO15-SIMSTD020

Method : TFS23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 8:49 am

Compound #3: propylene



Original Peak Response = 201475



Manual Peak Response = 172446 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236990.D
Acq On : 22 Nov 2025 02:30 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD050
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:27 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.882	49	217434	10.000	ppbV	0.00
Standard Area = 215783			Recovery = 100.77%			
43) 1,4-difluorobenzene	11.060	114	898107	10.000	ppbV	0.00
Standard Area = 895236			Recovery = 100.32%			
67) chlorobenzene-D5	15.738	54	136363	10.000	ppbV	# 0.00
Standard Area = 128102			Recovery = 106.45%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.730	65	251071	9.984	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.84%			
69) toluene-D8	13.866	98	818323	9.407	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.07%			
90) bromofluorobenzene	17.044	95	486287	10.220	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.20%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.757	51	990929M4	47.133	ppbV	
3) propylene	3.781	41	407030M6	53.638	ppbV	
4) propane	3.804	29	298931	50.330	ppbV	95
5) dichlorodifluoromethane	3.857	85	2628510	47.476	ppbV	100
6) chloromethane	4.021	50	749410	48.271	ppbV	100
7) Freon-114	4.126	85	3155044	45.926	ppbV	100
8) methanol	4.214	31	997034	247.335	ppbV	92
9) vinyl chloride	4.243	62	958198	46.250	ppbV	100
10) 1,3-butadiene	4.383	54	640333	51.263	ppbV	99
11) butane	4.436	43	1158923	46.582	ppbV	100
12) acetaldehyde	4.143	29	1336787	219.177	ppbV	91
13) bromomethane	4.659	94	1191890	46.167	ppbV	100
14) chloroethane	4.840	64	576237	46.141	ppbV	100
15) ethanol	5.010	31	2079175	253.001	ppbV	98
16) dichlorofluoromethane	4.951	67	2079104	51.527	ppbV	100
17) vinyl bromide	5.216	106	1029207	56.912	ppbV	99
18) acrolein	5.338	56	353561	51.313	ppbV	97
19) acetone	5.479	43	5075193	272.439	ppbV	99
20) acetonitrile	5.216	41	525993	52.384	ppbV	97
21) trichlorofluoromethane	5.666	101	2950397	49.261	ppbV	99
22) isopropyl alcohol	5.788	45	2722716	144.909	ppbV	100
23) acrylonitrile	5.999	53	612904	53.390	ppbV	98
24) pentane	6.057	43	1168973	51.495	ppbV	98

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236990.D
Acq On : 22 Nov 2025 02:30 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD050
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:27 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	6.075	31	565786	53.002	ppbV	95
26) 1,1-dichloroethene	6.359	61	1593720	47.891	ppbV	100
27) tertiary butyl alcohol	6.438	59	1127361	45.336	ppbV	100
28) methylene chloride	6.499	49	963210	55.895	ppbV	98
29) 3-chloropropene	6.628	41	719683	55.037	ppbV	97
30) carbon disulfide	6.796	76	2419691	54.154	ppbV	99
31) Freon 113	6.796	101	2346987	49.847	ppbV	96
32) trans-1,2-dichloroethene	7.536	61	1203663	53.964	ppbV	99
33) 1,1-dichloroethane	7.764	63	1612755	48.227	ppbV	99
34) MTBE	7.812	73	2448767	52.367	ppbV	99
35) vinyl acetate	7.943	43	1645572	65.157	ppbV	100
36) 2-butanone	8.197	43	1350337	54.865	ppbV	99
37) cis-1,2-dichloroethene	8.695	61	1272823	49.444	ppbV	98
38) Ethyl Acetate	8.955	61	260699	56.398	ppbV	80
39) chloroform	9.037	83	2294987	49.415	ppbV	99
40) Tetrahydrofuran	9.444	42	654204	55.903	ppbV	98
41) 2,2-dichloropropane	9.053	77	1937764	51.192	ppbV	98
42) 1,2-dichloroethane	9.852	62	1411199	49.986	ppbV	100
44) hexane	8.939	57	1211657	56.914	ppbV	97
45) diisopropyl ether	8.931	87	954169	51.064	ppbV	92
46) tert-butyl ethyl ether	9.534	59	2688054	49.433	ppbV	100
48) 1,1,1-trichloroethane	10.129	97	2681173	50.367	ppbV	99
49) 1,1-dichloropropene	10.485	75	1658004	49.253	ppbV	96
50) benzene	10.645	78	3120196	48.138	ppbV	98
51) thiophene	10.796	84	3005126	37.364	ppbV	100
52) carbon tetrachloride	10.815	117	3016534	52.092	ppbV	99
53) cyclohexane	10.956	56	1163399	54.298	ppbV	99
54) tert-amyl methyl ether	11.324	73	3020101	51.500	ppbV	98
55) dibromomethane	11.550	93	1580663	51.125	ppbV	95
56) 1,2-dichloropropane	11.578	63	998257	49.763	ppbV	99
57) bromodichloromethane	11.805	83	2544577	55.244	ppbV	99
58) 1,4-dioxane	11.833	88	758248	56.252	ppbV	98
59) trichloroethene	11.852	130	1933466	51.097	ppbV	99
60) 2,2,4-trimethylpentane	11.899	57	3603375	53.746	ppbV	99
61) methyl methacrylate	12.087	41	1025212	53.360	ppbV	97
62) heptane	12.210	43	1147069	56.718	ppbV	98
63) cis-1,3-dichloropropene	12.849	75	1841534	51.696	ppbV	95
64) 4-methyl-2-pentanone	12.874	43	1692329	54.274	ppbV	99
65) trans-1,3-dichloropropene	13.458	75	1507521	52.194	ppbV	98
66) 1,1,2-trichloroethane	13.658	97	1576521	49.284	ppbV	99

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236990.D
Acq On : 22 Nov 2025 02:30 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD050
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:27 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	13.983	91	4233225	46.225	ppbV	99
70) 2-methylthiophene	14.058	97	4157209	33.423	ppbV	99
71) 1,3-dichloropropane	14.008	76	1842600	46.700	ppbV	95
72) 2-hexanone	14.267	43	1765151	57.011	ppbV	97
73) 3-methylthiophene	14.250	97	4525485	34.314	ppbV	98
74) dibromochloromethane	14.442	129	3273214	55.046	ppbV	99
75) 1,2-dibromoethane	14.692	107	2647152	48.188	ppbV	99
76) butyl acetate	14.926	73	528411	48.442	ppbV	97
77) octane	15.026	85	1305321	48.172	ppbV	94
78) tetrachloroethene	15.151	166	2866787	50.790	ppbV	99
79) 1,1,1,2-tetrachloroethane	15.764	131	2521427	53.116	ppbV	99
80) chlorobenzene	15.782	112	3817756	49.427	ppbV	99
81) ethylbenzene	16.112	91	5626064	47.040	ppbV	97
82) 2-ethylthiophene	16.147	97	5287160	34.362	ppbV	98
83) m+p-xylene	16.269	91	8668866	98.117	ppbV	98
84) bromoform	16.330	173	3650021	61.766	ppbV	99
85) styrene	16.574	104	3530537	49.319	ppbV	98
86) 1,1,2,2-tetrachloroethane	16.661	83	3268541	50.053	ppbV	99
87) o-xylene	16.669	91	4508670	50.136	ppbV	98
88) 1,2,3-trichloropropane	16.774	75	2216663	49.780	ppbV	98
89) nonane	16.852	43	1955025	55.347	ppbV	98
91) isopropylbenzene	17.157	105	6382717	49.250	ppbV	96
92) bromobenzene	17.227	77	2886135	51.423	ppbV	97
93) 2-chlorotoluene	17.540	126	1925424	52.557	ppbV	83
94) n-propylbenzene	17.566	120	1967433	52.106	ppbV	86
95) 4-chlorotoluene	17.601	126	1853570	53.088	ppbV	94
96) 4-ethyl toluene	17.688	105	6024733	53.668	ppbV	97
97) 1,3,5-trimethylbenzene	17.749	105	5130741	50.274	ppbV	96
98) tert-butylbenzene	18.074	119	6387296	51.138	ppbV	97
99) 1,2,4-trimethylbenzene	18.074	105	5780446	51.668	ppbV	95
100) decane	18.154	57	2653365	57.206	ppbV	99
101) Benzyl Chloride	18.194	91	4918856	62.043	ppbV	95
102) 1,3-dichlorobenzene	18.202	146	4703881	55.520	ppbV	96
103) 1,4-dichlorobenzene	18.258	146	4411558	52.863	ppbV	97
104) sec-butylbenzene	18.290	105	7628029	49.767	ppbV	95
105) 1,2,3-trimethylbenzene	18.417	105	6182777	52.746	ppbV	99
106) p-isopropyltoluene	18.417	119	7843217	50.858	ppbV	95
107) 1,2-dichlorobenzene	18.529	146	4415578	54.593	ppbV	98
108) n-butylbenzene	18.753	91	6097473	49.888	ppbV	92
109) indan	18.585	117	4949533	53.104	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236990.D
Acq On : 22 Nov 2025 02:30 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD050
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:27 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

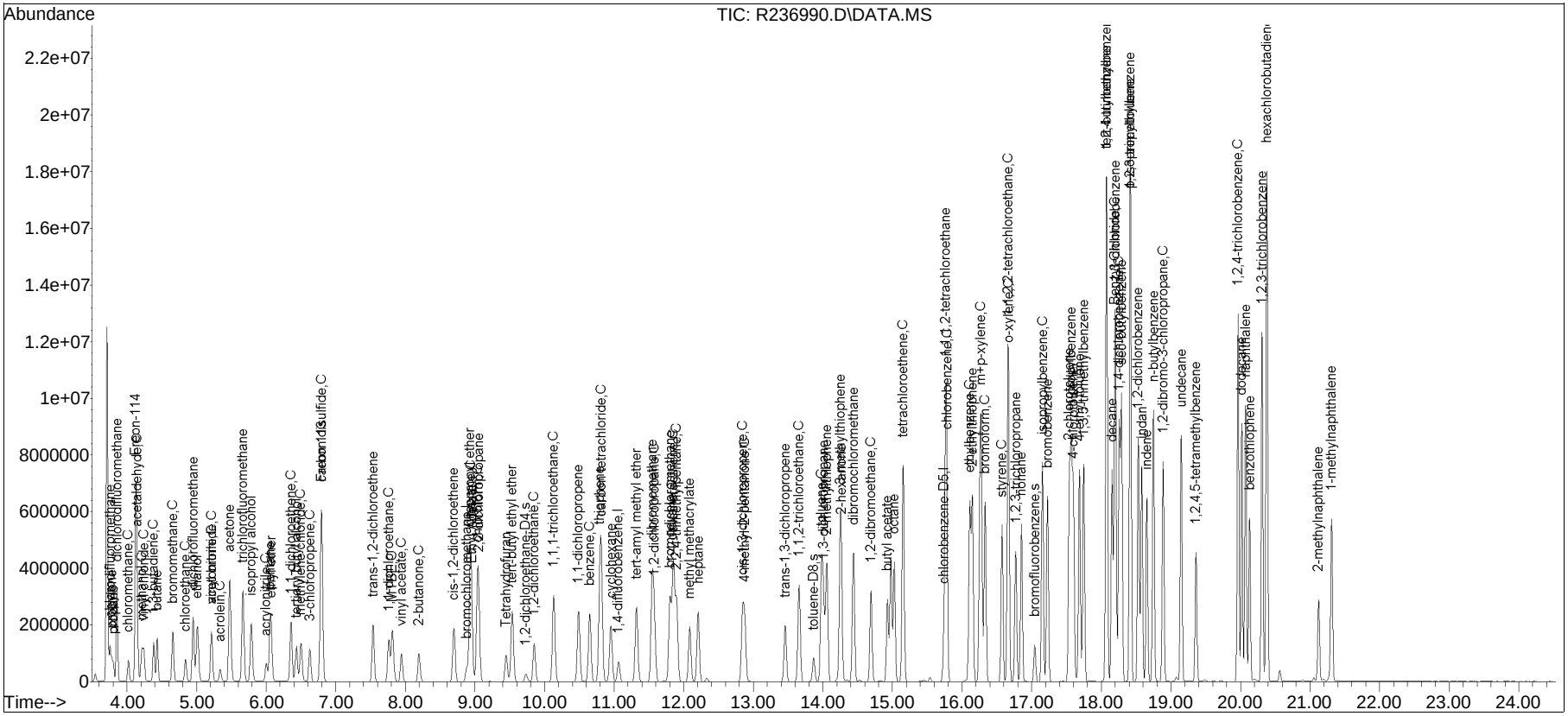
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.657	115	4135495	53.557	ppbV	99
111) 1,2-dibromo-3-chloropr...	18.888	75	1874855	56.562	ppbV	100
112) undecane	19.152	57	3423600	45.009	ppbV	96
113) 1,2,4,5-tetramethylben...	19.359	119	3012947	35.975	ppbV	99
114) dodecane	20.017	57	2814940	52.553	ppbV	100
115) 1,2,4-trichlorobenzene	19.964	180	4649357	57.347	ppbV	99
116) naphthalene	20.075	128	8425284	47.745	ppbV	97
117) 1,2,3-trichlorobenzene	20.309	180	4463581	55.613	ppbV	99
118) benzothiophene	20.134	134	4986480	40.646	ppbV	100
119) hexachlorobutadiene	20.379	225	3963566	57.683	ppbV	97
120) 2-methylnaphthalene	21.122	142	1751330	38.080	ppbV	99
121) 1-methylnaphthalene	21.309	142	3471320	26.177	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236990.D
Acq On : 22 Nov 2025 02:30 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD050
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:27 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

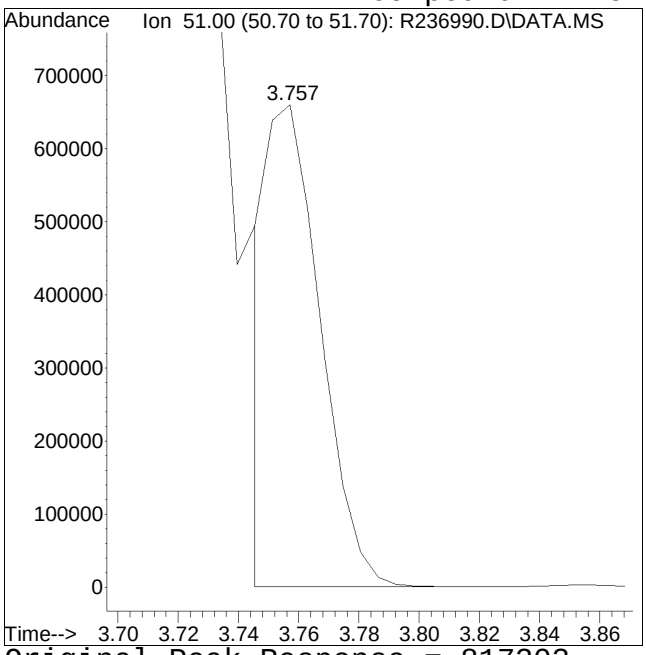


Manual Integration Report

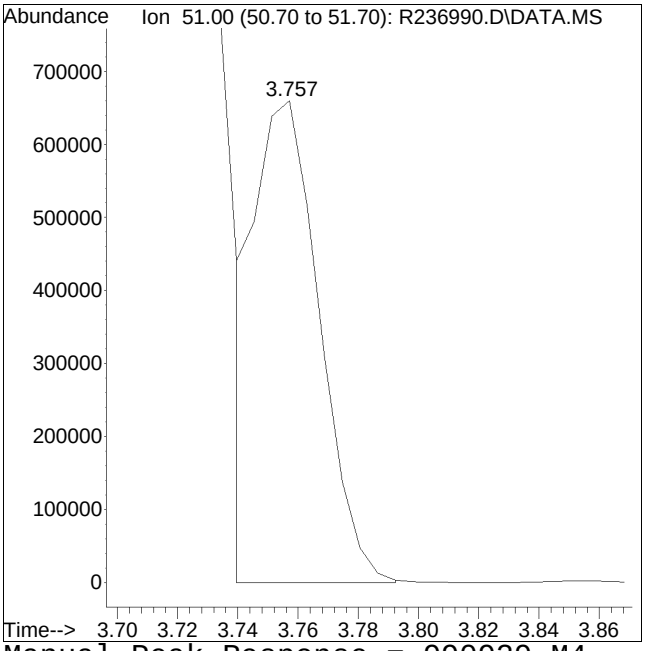
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236990.D
Date Inj'd : 11/22/2025 2:30 am
Sample : ITO15-SIMSTD050

Method : TFS23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 8:49 am

Compound #2: chlorodifluoromethane



Original Peak Response = 817303



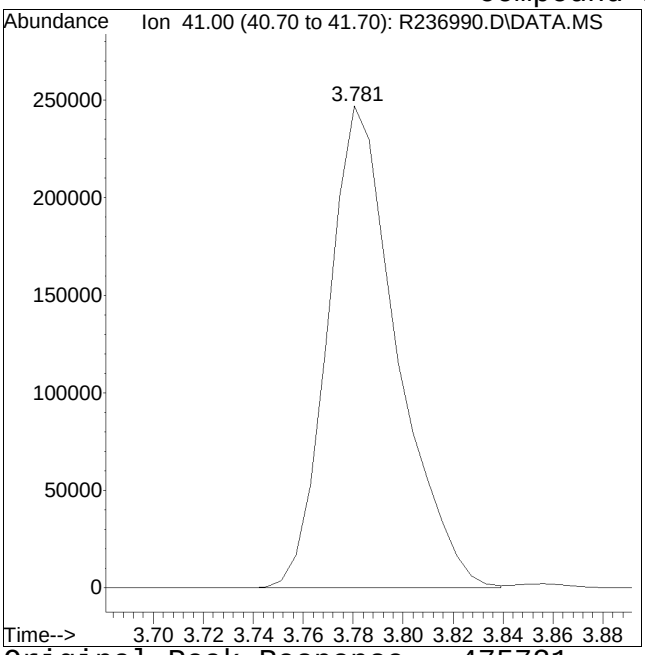
Manual Peak Response = 990929 M4

M4 = Poor automated baseline construction.

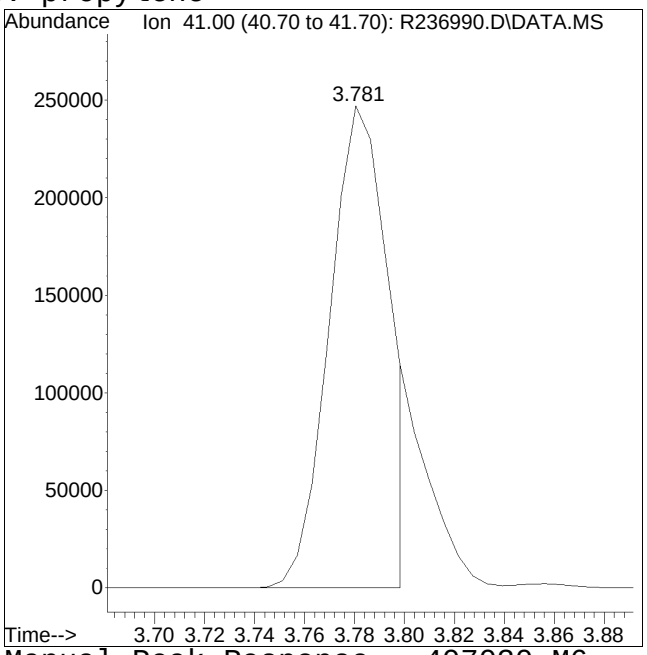
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R236990.D Operator : AIRLAB23:BJB
Date Inj'd : 11/22/2025 2:30 am Instrument : Airlab 23
Sample : ITO15-SIMSTD050 Quant Date : 11/22/2025 8:49 am

Compound #3: propylene



Original Peak Response = 475721



Manual Peak Response = 407030 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236991.D
Acq On : 22 Nov 2025 03:11 am
Operator : AIRLAB23:BJB
Sample : ITO15-LLSTD100
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:35 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	8.888	49	228284	10.000	ppbV		0.01
Standard Area = 215783			Recovery = 105.79%				
43) 1,4-difluorobenzene	11.067	114	937277	10.000	ppbV		0.00
Standard Area = 895236			Recovery = 104.70%				
67) chlorobenzene-D5	15.744	54	140212	10.000	ppbV	#	0.00
Standard Area = 128102			Recovery = 109.45%				
System Monitoring Compounds							
47) 1,2-dichloroethane-D4	9.743	65	253736	9.668	ppbV		0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.68%				
69) toluene-D8	13.872	98	827849	9.255	ppbV		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.55%				
90) bromofluorobenzene	17.050	95	492876	10.075	ppbV		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.75%				
Target Compounds							Qvalue
2) chlorodifluoromethane	3.758	51	1879351M3	85.142	ppbV		
3) propylene	3.787	41	882962M6	110.826	ppbV		
4) propane	3.810	29	626632	100.490	ppbV	#	90
5) dichlorodifluoromethane	3.857	85	5242523	90.189	ppbV		99
6) chloromethane	4.027	50	1477729	90.659	ppbV		100
7) Freon-114	4.132	85	5768663	79.979	ppbV		99
8) methanol	4.226	31	1973751	466.358	ppbV		88
9) vinyl chloride	4.249	62	1887803	86.789	ppbV		99
10) 1,3-butadiene	4.390	54	1250529	95.355	ppbV		97
11) butane	4.436	43	2244570	85.931	ppbV		99
12) acetaldehyde	4.156	29	2357193	368.111	ppbV	#	82
13) bromomethane	4.665	94	2237355	82.544	ppbV		99
14) chloroethane	4.846	64	1100823	83.956	ppbV		100
15) ethanol	5.034	31	4396943	509.605	ppbV		98
16) dichlorofluoromethane	4.957	67	4631450	109.327	ppbV		99
17) vinyl bromide	5.222	106	2062598	108.635	ppbV		99
18) acrolein	5.350	56	715400	98.894	ppbV		97
19) acetone	5.491	43	10265875	524.885	ppbV		96
20) acetonitrile	5.228	41	1077303	102.190	ppbV		97
21) trichlorofluoromethane	5.672	101	5907741	93.950	ppbV		98
22) isopropyl alcohol	5.806	45	5649578	286.392	ppbV		100
23) acrylonitrile	6.017	53	1316057	109.193	ppbV		99
24) pentane	6.063	43	2467142	103.515	ppbV		97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236991.D
Acq On : 22 Nov 2025 03:11 am
Operator : AIRLAB23:BJB
Sample : ITO15-LLSTD100
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:35 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.081	31	1294425	115.497	ppbV		93
26) 1,1-dichloroethene	6.363	61	3302575	94.525	ppbV		98
27) tertiary butyl alcohol	6.448	59	4044052	154.900	ppbV		98
28) methylene chloride	6.510	49	1695574	93.718	ppbV		95
29) 3-chloropropene	6.633	41	1495556	108.935	ppbV		94
30) carbon disulfide	6.802	76	4977086	106.095	ppbV		98
31) Freon 113	6.802	101	4764387	96.381	ppbV		93
32) trans-1,2-dichloroethene	7.542	61	2415762	103.159	ppbV		97
33) 1,1-dichloroethane	7.769	63	3228778	91.962	ppbV		99
34) MTBE	7.818	73	4882922	99.458	ppbV		97
35) vinyl acetate	7.953	43	3473009	130.980	ppbV		99
36) 2-butanone	8.208	43	2748768	106.375	ppbV		98
37) cis-1,2-dichloroethene	8.708	61	2547299	94.250	ppbV		97
38) Ethyl Acetate	8.969	61	531614	109.540	ppbV	#	54
39) chloroform	9.051	83	4684564	96.073	ppbV		97
40) Tetrahydrofuran	9.458	42	1343101	109.316	ppbV		96
41) 2,2-dichloropropane	9.059	77	4067259	102.342	ppbV		98
42) 1,2-dichloroethane	9.857	62	2861729	96.547	ppbV		99
44) hexane	8.945	57	2532559	113.989	ppbV		82
45) diisopropyl ether	8.945	87	1946085	99.796	ppbV		89
46) tert-butyl ethyl ether	9.540	59	5495382	96.835	ppbV		99
48) 1,1,1-trichloroethane	10.135	97	6094795	109.708	ppbV		97
49) 1,1-dichloropropene	10.492	75	3329314	94.767	ppbV		95
50) benzene	10.652	78	6069938	89.732	ppbV		96
51) thiophene	10.803	84	6078773	72.421	ppbV		98
52) carbon tetrachloride	10.822	117	6216151	102.860	ppbV		100
53) cyclohexane	10.954	56	2395350	107.124	ppbV		96
54) tert-amyl methyl ether	11.331	73	6138696	100.306	ppbV		97
55) dibromomethane	11.557	93	3203145	99.272	ppbV		95
56) 1,2-dichloropropane	11.585	63	2052382	98.036	ppbV		99
57) bromodichloromethane	11.811	83	5114198	106.391	ppbV		98
58) 1,4-dioxane	11.840	88	1565587	111.293	ppbV		95
59) trichloroethene	11.859	130	3963011	100.356	ppbV		99
60) 2,2,4-trimethylpentane	11.906	57	7531585	107.641	ppbV		98
61) methyl methacrylate	12.094	41	2203683	109.904	ppbV		92
62) heptane	12.207	43	2448685	116.017	ppbV		95
63) cis-1,3-dichloropropene	12.846	75	3700353	99.536	ppbV		95
64) 4-methyl-2-pentanone	12.888	43	3499301	107.535	ppbV		99
65) trans-1,3-dichloropropene	13.463	75	3017563	100.109	ppbV		96
66) 1,1,2-trichloroethane	13.664	97	3090008	92.561	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236991.D
Acq On : 22 Nov 2025 03:11 am
Operator : AIRLAB23:BJB
Sample : ITO15-LLSTD100
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:35 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68)	toluene	13.989	91	8245022	87.561	ppbV		97
70)	2-methylthiophene	14.064	97	8275800	64.708	ppbV		98
71)	1,3-dichloropropane	14.022	76	3797871	93.614	ppbV		93
72)	2-hexanone	14.273	43	3577480	112.374	ppbV		99
73)	3-methylthiophene	14.256	97	8881622	65.494	ppbV		97
74)	dibromochloromethane	14.439	129	6562951	107.340	ppbV		98
75)	1,2-dibromoethane	14.698	107	5230871	92.607	ppbV		99
76)	butyl acetate	14.932	73	1085210	96.755	ppbV		98
77)	octane	15.032	85	2723336	97.744	ppbV		94
78)	tetrachloroethene	15.157	166	5655407	97.445	ppbV		97
79)	1,1,1,2-tetrachloroethane	15.770	131	4755037	97.420	ppbV		99
80)	chlorobenzene	15.779	112	7331668	92.314	ppbV		95
81)	ethylbenzene	16.118	91	10963352	89.148	ppbV		95
82)	2-ethylthiophene	16.153	97	10272439	64.930	ppbV		96
83)	m+p-xylene	16.275	91	16894750	185.971	ppbV		96
84)	bromoform	16.336	173	7014951	115.449	ppbV		97
85)	styrene	16.580	104	6971385	94.711	ppbV		96
86)	1,1,2,2-tetrachloroethane	16.667	83	5861858	87.303	ppbV		99
87)	o-xylene	16.667	91	8125939	87.879	ppbV		98
88)	1,2,3-trichloropropane	16.771	75	4647725	101.510	ppbV		100
89)	nonane	16.858	43	3982051	109.637	ppbV		99
91)	isopropylbenzene	17.154	105	12070943	90.585	ppbV		92
92)	bromobenzene	17.232	77	5948834	103.082	ppbV		99
93)	2-chlorotoluene	17.546	126	3930468	104.343	ppbV		87
94)	n-propylbenzene	17.572	120	3989117	102.749	ppbV		69
95)	4-chlorotoluene	17.607	126	3755319	104.604	ppbV		89
96)	4-ethyl toluene	17.685	105	11746163	101.763	ppbV		93
97)	1,3,5-trimethylbenzene	17.746	105	10000909	95.304	ppbV		95
98)	tert-butylbenzene	18.080	119	9960997	77.560	ppbV		96
99)	1,2,4-trimethylbenzene	18.080	105	8996882	78.211	ppbV		95
100)	decane	18.160	57	5281239	110.736	ppbV		96
101)	Benzyl Chloride	18.200	91	9220643	113.111	ppbV		94
102)	1,3-dichlorobenzene	18.208	146	8447651	96.970	ppbV		92
103)	1,4-dichlorobenzene	18.263	146	8330134	97.078	ppbV		93
104)	sec-butylbenzene	18.295	105	13996959	88.812	ppbV	#	90
105)	1,2,3-trimethylbenzene	18.423	105	9279830	76.994	ppbV		99
106)	p-isopropyltoluene	18.423	119	11350354	71.579	ppbV		94
107)	1,2-dichlorobenzene	18.535	146	8505620	102.274	ppbV		93
108)	n-butylbenzene	18.750	91	11289673	89.834	ppbV		89
109)	indan	18.583	117	9593004	100.099	ppbV		94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236991.D
Acq On : 22 Nov 2025 03:11 am
Operator : AIRLAB23:BJB
Sample : ITO15-LLSTD100
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:35 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	18.663	115	8078628	101.751	ppbV		97
111) 1,2-dibromo-3-chloropr...	18.894	75	3847270	112.881	ppbV	#	90
112) undecane	19.149	57	5648798	72.224	ppbV		94
113) 1,2,4,5-tetramethylben...	19.365	119	5558183	64.544	ppbV		99
114) dodecane	20.023	57	5363565	97.385	ppbV		93
115) 1,2,4-trichlorobenzene	19.970	180	8371402	100.421	ppbV		95
116) naphthalene	20.075	128	15438162	85.085	ppbV	#	92
117) 1,2,3-trichlorobenzene	20.315	180	7753742	93.953	ppbV		95
118) benzothiophene	20.134	134	9685936	76.785	ppbV		97
119) hexachlorobutadiene	20.379	225	6138771	86.887	ppbV		98
120) 2-methylnaphthalene	21.127	142	1580412	33.420	ppbV		99
121) 1-methylnaphthalene	21.309	142	2591846	19.009	ppbV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Sub List     : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236991.D
Acq On    : 22 Nov 2025  03:11 am
Operator  : AIRLAB23:BJB
Sample    : ITO15-LLSTD100
Misc      : WG2145605
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Nov 22 08:49:35 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title  : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration
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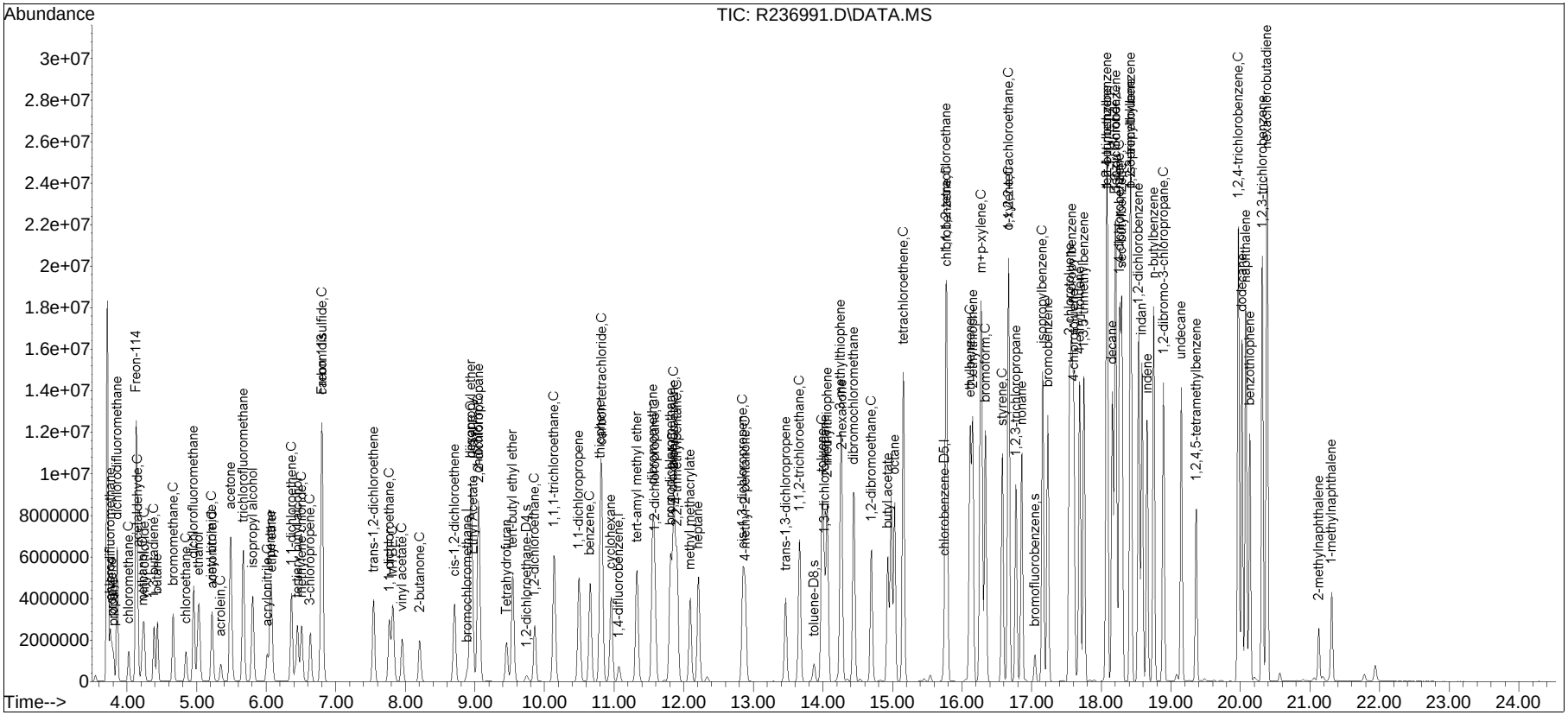
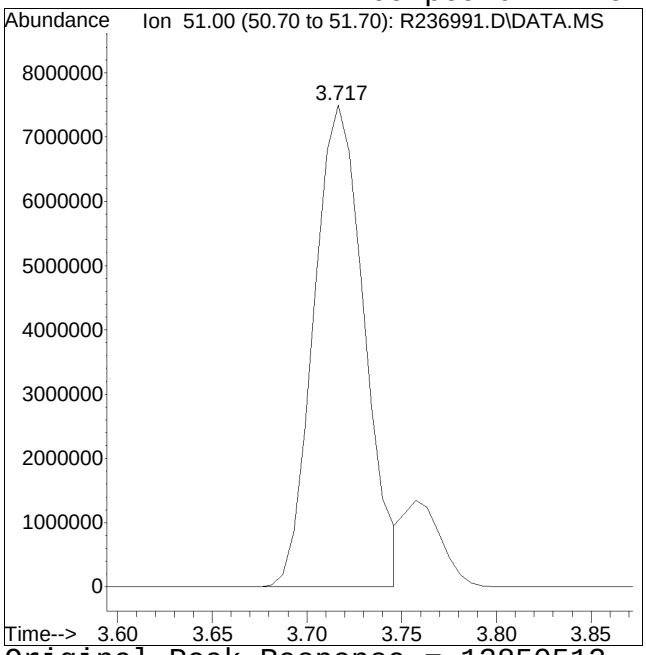
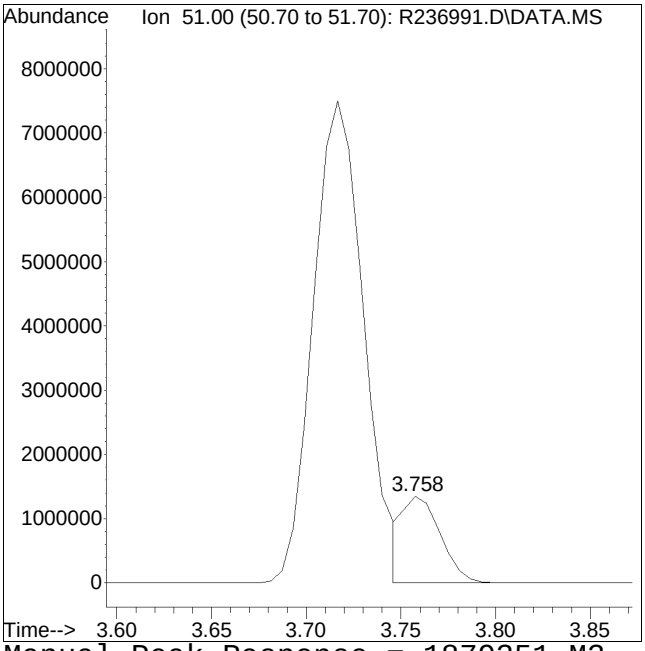


Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R236991.D Operator : AIRLAB23:BJB
Date Inj'd : 11/22/2025 3:11 am Instrument : Airlab 23
Sample : ITO15-LLSTD100 Quant Date : 11/22/2025 8:49 am

Compound #2: chlorodifluoromethane





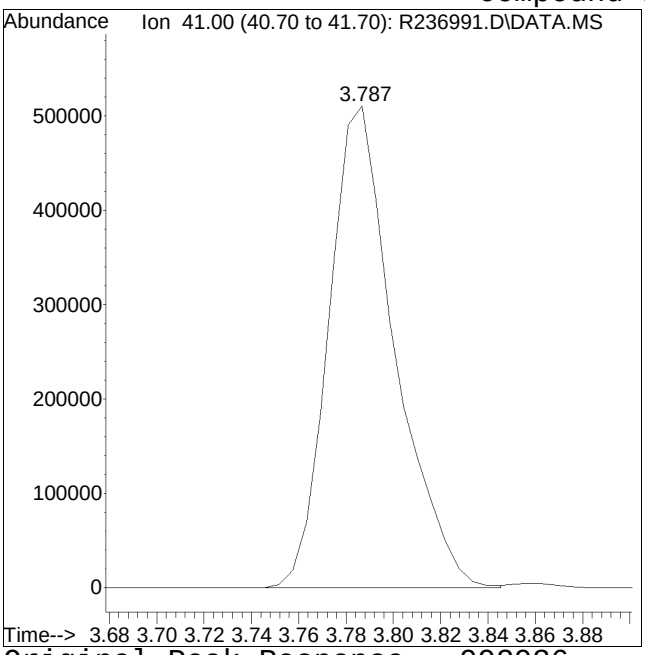
Original Peak Response = 13850512 Manual Peak Response = 1879351 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

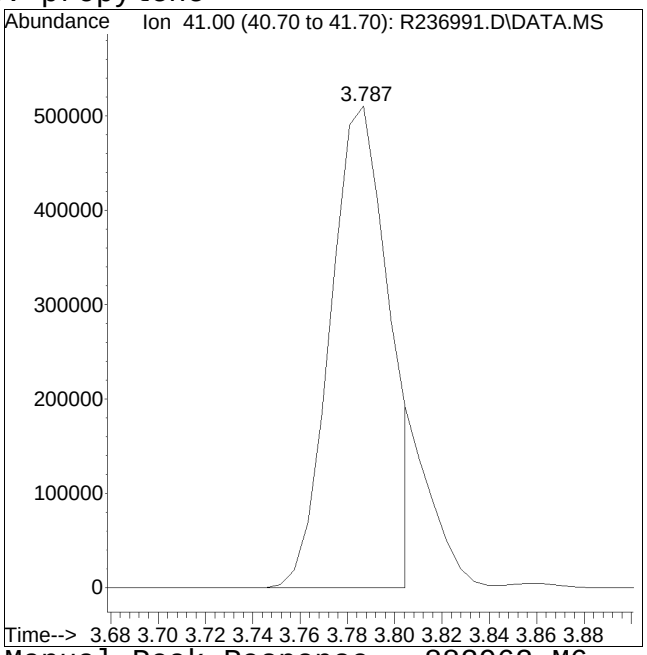
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R236991.D Operator : AIRLAB23:BJB
Date Inj'd : 11/22/2025 3:11 am Instrument : Airlab 23
Sample : ITO15-LLSTD100 Quant Date : 11/22/2025 8:49 am

Compound #3: propylene



Original Peak Response = 992936



Manual Peak Response = 882962 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	106	0.00
2		chlorodifluoromethane	1.046	1.104	-5.5	121	0.00
3		propylene	0.406	0.429	-5.7	130	0.00
4		propane	0.294	0.295	-0.3	114	0.00
5		dichlorodifluoromethane	2.704	2.585	4.4	107	0.00
6	C	chloromethane	0.750	0.633	15.6	94	0.00
7		Freon-114	3.241	3.087	4.8	103	0.00
8	C	methanol	0.192	0.167	13.0	95	0.00
9	C	vinyl chloride	0.996	0.853	14.4	95	0.00
10	C	1,3-butadiene	0.640	0.567	11.4	104	0.00
11		butane	1.207	0.976	19.1	90	0.00
13	C	bromomethane	1.216	1.129	7.2	100	0.00
14	C	chloroethane	0.584	0.513	12.2	94	0.00
15		ethanol	0.386	0.330	14.5	92	0.00
16		dichlorofluoromethane	1.983	1.666	16.0	95	0.00
17	C	vinyl bromide	0.922	0.924	-0.2	117	0.00
18	C	acrolein	0.325	0.250	23.1	83	0.00
19		acetone	0.977	0.890	8.9	110	0.00
20	C	acetonitrile	0.523	0.459	12.2	105	0.00
21		trichlorofluoromethane	2.884	2.684	6.9	103	0.00
22		isopropyl alcohol	1.028	0.988	3.9	121	0.00
23	C	acrylonitrile	0.565	0.439	22.3	88	0.00
24		pentane	1.122	0.926	17.5	94	0.00
25		ethyl ether	0.536	0.447	16.6	96	0.00
26	C	1,1-dichloroethene	1.540	1.490	3.2	103	0.00
27		tertiary butyl alcohol	1.290	0.839	35.0#	78	-0.01
28	C	methylene chloride	0.868	0.764	12.0	102	0.00
29	C	3-chloropropene	0.699	0.646	7.6	113	0.00
30	C	carbon disulfide	2.309	2.097	9.2	108	0.00
31		Freon 113	2.315	2.083	10.0	102	0.00
32		trans-1,2-dichloroethene	1.128	1.066	5.5	110	0.00
33	C	1,1-dichloroethane	1.587	1.434	9.6	99	0.00
34	C	MTBE	2.386	2.259	5.3	111	0.00
35	C	vinyl acetate	1.375	0.787	42.8#	72	0.00
36	C	2-butanone	1.247	1.145	8.2	107	0.00
37		cis-1,2-dichloroethene	1.219	1.110	8.9	99	0.00
38		Ethyl Acetate	0.233	0.223	4.3	111	0.00
39	C	chloroform	2.253	1.965	12.8	97	0.00
40		Tetrahydrofuran	0.644	0.610	5.3	120	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	1.804	1.511	16.2	92	0.00
42	C	1,2-dichloroethane	1.340	1.188	11.3	97	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	112	0.00
44	C	hexane	0.266	0.260	2.3	123	0.00
45		diisopropyl ether	0.210	0.170	19.0	92	0.00
46		tert-butyl ethyl ether	0.613	0.495	19.2	92	0.00
47	s	1,2-dichloroethane-D4	0.276	0.259	6.2	104	0.00
48	C	1,1,1-trichloroethane	0.615	0.518	15.8	98	0.00
49		1,1-dichloropropene	0.373	0.320	14.2	96	0.00
50	C	benzene	0.729	0.606	16.9	94	0.00
52	C	carbon tetrachloride	0.675	0.586	13.2	102	0.00
53		cyclohexane	0.267	0.237	11.2	111	0.00
54		tert-amyl methyl ether	0.661	0.550	16.8	95	0.00
55		dibromomethane	0.347	0.283	18.4	92	0.00
56	C	1,2-dichloropropane	0.229	0.194	15.3	98	0.00
57		bromodichloromethane	0.550	0.503	8.5	110	0.00
58	C	1,4-dioxane	0.162	0.147	9.3	110	0.00
59	C	trichloroethene	0.435	0.366	15.9	98	0.00
60	C	2,2,4-trimethylpentane	0.822	0.729	11.3	110	0.00
61		methyl methacrylate	0.223	0.175	21.5	92	0.00
62		heptane	0.252	0.225	10.7	112	0.00
63	C	cis-1,3-dichloropropene	0.392	0.373	4.8	106	0.00
64	C	4-methyl-2-pentanone	0.366	0.335	8.5	108	0.00
65		trans-1,3-dichloropropene	0.311	0.334	-7.4	117	0.00
66	C	1,1,2-trichloroethane	0.360	0.307	14.7	97	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	103	0.00
68	C	toluene	6.923	6.238	9.9	96	0.00
69	s	toluene-D8	6.313	6.434	-1.9	104	0.00
71		1,3-dichloropropane	2.996	2.506	16.4	89	0.00
72		2-hexanone	2.486	2.412	3.0	109	0.00
74		dibromochloromethane	4.772	4.797	-0.5	113	0.00
75	C	1,2-dibromoethane	4.070	3.937	3.3	101	0.00
76		butyl acetate	0.818	0.706	13.7	91	0.00
77		octane	2.082	1.800	13.5	93	0.00
78	C	tetrachloroethene	4.343	4.011	7.6	100	0.00
79		1,1,1,2-tetrachloroethane	3.570	3.033	15.0	90	0.00
80	C	chlorobenzene	5.831	5.304	9.0	96	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	C	ethylbenzene	8.851	8.004	9.6	94	0.00
83	C	m+p-xylene	6.723	6.120	9.0	97	0.00
84	C	bromoform	4.794	4.751	0.9	113	0.00
85	C	styrene	5.282	4.944	6.4	97	0.00
86	C	1,1,2,2-tetrachloroethane	4.893	4.393	10.2	95	0.00
87	C	o-xylene	6.795	6.097	10.3	95	0.00
88		1,2,3-trichloropropane	3.422	2.939	14.1	93	0.00
89		nonane	2.774	2.352	15.2	94	0.00
90	s	bromofluorobenzene	3.545	3.549	-0.1	105	0.00
91	C	isopropylbenzene	9.569	8.483	11.3	92	0.00
92		bromobenzene	4.326	3.619	16.3	91	0.00
93		2-chlorotoluene	2.813	2.419	14.0	93	0.00
94		n-propylbenzene	2.855	2.504	12.3	93	0.00
95		4-chlorotoluene	2.624	2.265	13.7	91	0.00
96		4-ethyl toluene	8.937	8.584	3.9	107	0.00
97		1,3,5-trimethylbenzene	7.528	7.305	3.0	101	0.00
98		tert-butylbenzene	9.051	8.157	9.9	92	0.00
99		1,2,4-trimethylbenzene	8.044	7.834	2.6	98	0.00
100		decane	3.569	2.993	16.1	91	0.00
101	C	Benzyl Chloride	5.745	4.759	17.2	84	0.00
102		1,3-dichlorobenzene	6.386	6.101	4.5	101	0.00
103	C	1,4-dichlorobenzene	6.118	5.641	7.8	95	0.00
104		sec-butylbenzene	11.521	9.788	15.0	90	0.00
106		p-isopropyltoluene	10.926	9.818	10.1	89	0.00
107		1,2-dichlorobenzene	6.036	5.601	7.2	97	0.00
108		n-butylbenzene	8.824	8.253	6.5	95	0.00
111	C	1,2-dibromo-3-chloropropane	2.395	1.999	16.5	85	0.00
112		undecane	5.430	4.664	14.1	86	0.00
114		dodecane	3.566	3.287	7.8	86	0.00
115	C	1,2,4-trichlorobenzene	5.313	5.750	-8.2	100	0.00
116		naphthalene	10.885	10.297	5.4	82	0.00
117		1,2,3-trichlorobenzene	5.196	4.974	4.3	87	0.00
119	C	hexachlorobutadiene	4.640	4.738	-2.1	97	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.864	49	227967	10.000	ppbV	0.00
Standard Area = 215783			Recovery = 105.65%			
43) 1,4-difluorobenzene	11.059	114	1004699	10.000	ppbV	0.00
Standard Area = 895236			Recovery = 112.23%			
67) chlorobenzene-D5	15.736	54	131995	10.000	ppbV	0.00
Standard Area = 128102			Recovery = 103.04%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.720	65	260442	9.409	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.09%			
69) toluene-D8	13.865	98	849293	10.192	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.92%			
90) bromofluorobenzene	17.042	95	468488	10.013	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.13%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.751	51	251620	10.550	ppbV	100
3) propylene	3.781	41	97727M6	10.563	ppbV	
4) propane	3.804	29	67207	10.013	ppbV	94
5) dichlorodifluoromethane	3.851	85	589195	9.559	ppbV	99
6) chloromethane	4.015	50	144297	8.441	ppbV	100
7) Freon-114	4.120	85	703658	9.523	ppbV	98
8) methanol	4.196	31	190432	43.586	ppbV	98
9) vinyl chloride	4.237	62	194366	8.562	ppbV	100
10) 1,3-butadiene	4.378	54	129326	8.859	ppbV	98
11) butane	4.430	43	222546	8.090	ppbV	100
13) bromomethane	4.653	94	257455	9.287	ppbV	98
14) chloroethane	4.834	64	116897	8.782	ppbV	99
15) ethanol	4.981	31	376143	42.795	ppbV	99
16) dichlorofluoromethane	4.940	67	379786	8.399	ppbV	100
17) vinyl bromide	5.204	106	210602	10.017	ppbV	98
18) acrolein	5.333	56	57053	7.696	ppbV	98
19) acetone	5.467	43	1014118	45.553	ppbV	99
20) acetonitrile	5.198	41	104542	8.774	ppbV	99
21) trichlorofluoromethane	5.660	101	611911	9.306	ppbV	100
22) isopropyl alcohol	5.759	45	563044	24.029	ppbV	100
23) acrylonitrile	5.981	53	100027	7.762	ppbV	98
24) pentane	6.052	43	211190	8.255	ppbV	99
25) ethyl ether	6.069	31	101833	8.339	ppbV	97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) 1,1-dichloroethene	6.349	61	339664	9.675	ppbV	99
27) tertiary butyl alcohol	6.400	59	191303	6.506	ppbV	99
28) methylene chloride	6.489	49	174149	8.805	ppbV	98
29) 3-chloropropene	6.618	41	147238	9.243	ppbV	97
30) carbon disulfide	6.792	76	478089	9.082	ppbV	100
31) Freon 113	6.786	101	474807	8.998	ppbV	98
32) trans-1,2-dichloroethene	7.527	61	243004	9.453	ppbV	99
33) 1,1-dichloroethane	7.749	63	326976	9.040	ppbV	99
34) MTBE	7.808	73	514926	9.465	ppbV	100
35) vinyl acetate	7.933	43	179517	5.728	ppbV	99
36) 2-butanone	8.182	43	260927	9.178	ppbV	99
37) cis-1,2-dichloroethene	8.685	61	253070	9.105	ppbV	99
38) Ethyl Acetate	8.946	61	50931	9.578	ppbV	86
39) chloroform	9.019	83	447914	8.719	ppbV	99
40) Tetrahydrofuran	9.443	42	139012	9.468	ppbV	100
41) 2,2-dichloropropane	9.044	77	344409	8.374	ppbV	99
42) 1,2-dichloroethane	9.842	62	270848	8.870	ppbV	99
44) hexane	8.930	57	260861	9.768	ppbV	87
45) diisopropyl ether	8.921	87	170910	8.100	ppbV	96
46) tert-butyl ethyl ether	9.525	59	497724	8.082	ppbV	99
48) 1,1,1-trichloroethane	10.119	97	520575	8.422	ppbV	99
49) 1,1-dichloropropene	10.484	75	321089	8.565	ppbV	97
50) benzene	10.644	78	608750	8.316	ppbV	100
52) carbon tetrachloride	10.804	117	589045	8.692	ppbV	98
53) cyclohexane	10.946	56	237810	8.869	ppbV	100
54) tert-amyl methyl ether	11.313	73	552406	8.322	ppbV	99
55) dibromomethane	11.539	93	284462	8.164	ppbV	97
56) 1,2-dichloropropane	11.568	63	195096	8.494	ppbV	98
57) bromodichloromethane	11.794	83	505298	9.138	ppbV	100
58) 1,4-dioxane	11.831	88	147509	9.054	ppbV	100
59) trichloroethene	11.841	130	368033	8.420	ppbV	99
60) 2,2,4-trimethylpentane	11.888	57	732398	8.866	ppbV	99
61) methyl methacrylate	12.077	41	175714	7.828	ppbV	97
62) heptane	12.199	43	226120	8.920	ppbV	99
63) cis-1,3-dichloropropene	12.839	75	374885	9.522	ppbV	98
64) 4-methyl-2-pentanone	12.872	43	336835	9.154	ppbV	99
65) trans-1,3-dichloropropene	13.448	75	335857	10.749	ppbV	99
66) 1,1,2-trichloroethane	13.648	97	308178	8.510	ppbV	99
68) toluene	13.974	91	823355	9.010	ppbV	99
71) 1,3-dichloropropane	14.007	76	330752	8.365	ppbV	99

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default-ICV-AP2 - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
72)	2-hexanone	14.265	43	318411	9.705	ppbV	#	91
74)	dibromochloromethane	14.432	129	633189	10.052	ppbV		99
75)	1,2-dibromoethane	14.683	107	519662	9.674	ppbV		100
76)	butyl acetate	14.925	73	93161	8.631	ppbV		99
77)	octane	15.025	85	237540	8.646	ppbV		99
78)	tetrachloroethene	15.150	166	529457	9.237	ppbV		99
79)	1,1,1,2-tetrachloroethane	15.762	131	400285	8.495	ppbV		100
80)	chlorobenzene	15.771	112	700096	9.096	ppbV		100
81)	ethylbenzene	16.111	91	1056445	9.043	ppbV		99
83)	m+p-xylene	16.259	91	1615600	18.206	ppbV		99
84)	bromoform	16.328	173	627119	9.911	ppbV		100
85)	styrene	16.572	104	652588	9.360	ppbV		100
86)	1,1,2,2-tetrachloroethane	16.659	83	579831	8.979	ppbV		100
87)	o-xylene	16.659	91	804710	8.972	ppbV		100
88)	1,2,3-trichloropropane	16.764	75	387885	8.588	ppbV		99
89)	nonane	16.851	43	310425	8.479	ppbV		99
91)	isopropylbenzene	17.155	105	1119705	8.865	ppbV		99
92)	bromobenzene	17.225	77	477722	8.367	ppbV		96
93)	2-chlorotoluene	17.538	126	319313	8.600	ppbV		91
94)	n-propylbenzene	17.564	120	330547	8.770	ppbV		98
95)	4-chlorotoluene	17.599	126	299013	8.632	ppbV		99
96)	4-ethyl toluene	17.686	105	1133091	9.605	ppbV		100
97)	1,3,5-trimethylbenzene	17.747	105	964235	9.704	ppbV		99
98)	tert-butylbenzene	18.072	119	1076689	9.012	ppbV		100
99)	1,2,4-trimethylbenzene	18.072	105	1034057	9.739	ppbV		98
100)	decane	18.152	57	395115	8.387	ppbV		99
101)	Benzyl Chloride	18.192	91	628123	8.283	ppbV		98
102)	1,3-dichlorobenzene	18.200	146	805358	9.555	ppbV		99
103)	1,4-dichlorobenzene	18.256	146	744531	9.220	ppbV		99
104)	sec-butylbenzene	18.288	105	1292021	8.496	ppbV		100
106)	p-isopropyltoluene	18.416	119	1295969	8.986	ppbV		99
107)	1,2-dichlorobenzene	18.527	146	739354	9.279	ppbV		100
108)	n-butylbenzene	18.751	91	1089326	9.352	ppbV		97
111)	1,2-dibromo-3-chloropr...	18.887	75	263799	8.346	ppbV		98
112)	undecane	19.150	57	615668	8.590	ppbV		99
114)	dodecane	20.021	57	433918	9.219	ppbV		99
115)	1,2,4-trichlorobenzene	19.963	180	758916	10.822	ppbV		99
116)	naphthalene	20.074	128	1359140	9.460	ppbV		100
117)	1,2,3-trichlorobenzene	20.313	180	656556	9.574	ppbV		99
119)	hexachlorobutadiene	20.378	225	625343	10.211	ppbV		100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default-ICV-AP2 - All compounds listed

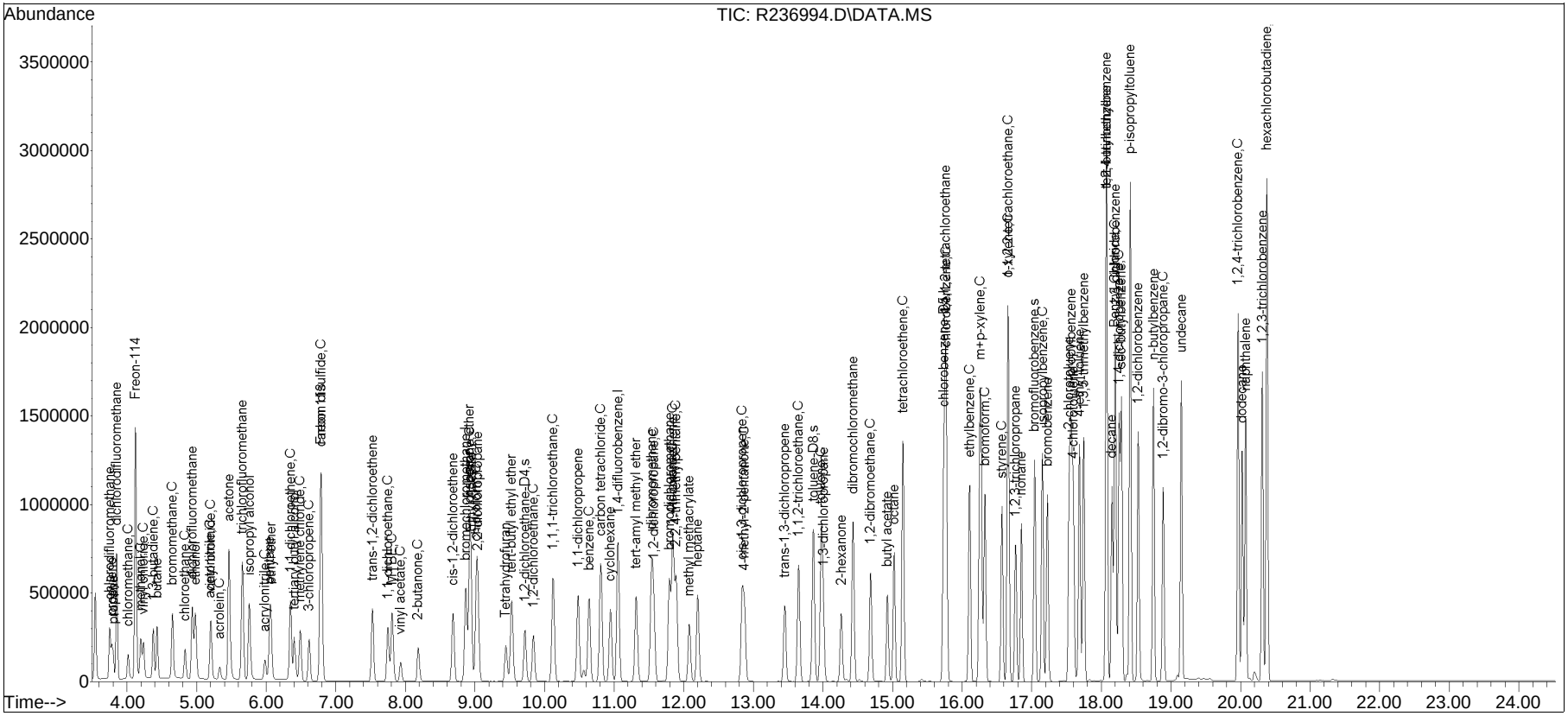
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listedI\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

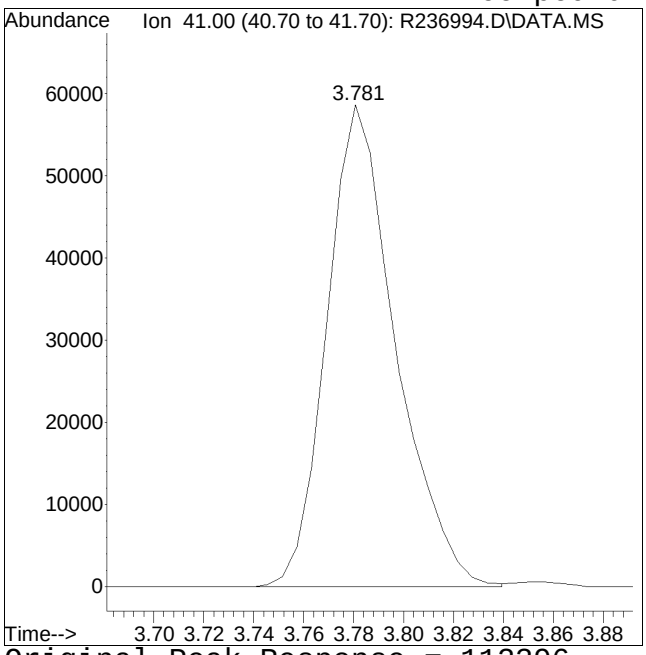


Manual Integration Report

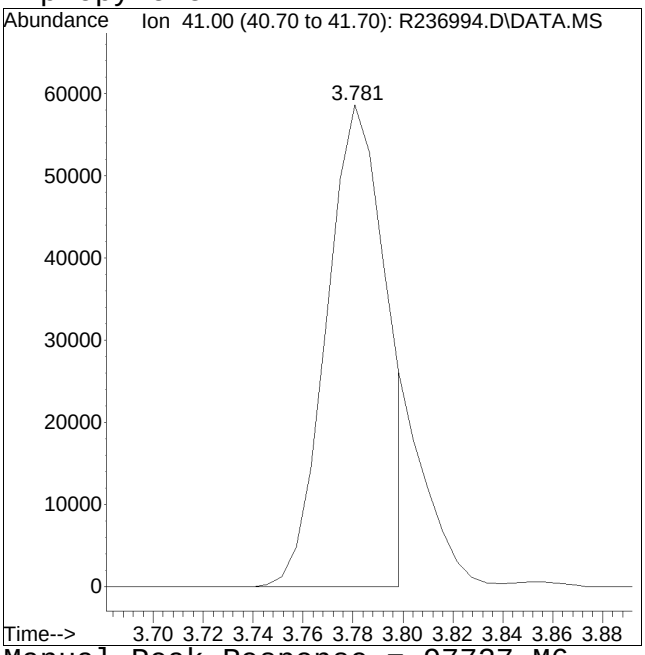
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236994.D
Date Inj'd : 11/22/2025 5:16 am
Sample : CTO15-LLSTD010

Method : TFS23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/23/2025 3:34 pm

Compound #3: propylene



Original Peak Response = 112396



Manual Peak Response = 97727 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		Lab Number	: L2577844	
Project Name	: 1885 ATLANTIC		Project Number	: 205125	
Instrument ID	: AIRLAB23		Calibration Date	: 12/11/25 15:40	
Lab File ID	: R237278		Init. Calib. Date(s)	: 11/21/25	11/22/25
Sample No	: WG2152814-2		Init. Calib. Times	: 22:35	03:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	77	0
chlorodifluoromethane	1.046	1.204	-	-15.1	30	96	.01
propylene	0.406	0.465	-	-14.5	30	103	.01
propane	0.294	0.27	-	8.2	30	76	.01
dichlorodifluoromethane	2.704	2.784	-	-3	30	84	.01
chloromethane	0.75	0.791	-	-5.5	30	85	.01
Freon-114	3.241	3.6	-	-11.1	30	88	.01
methanol	0.192	0.15	-	21.9	30	62	0
vinyl chloride	0.996	1.089	-	-9.3	30	88	.01
1,3-butadiene	0.64	0.698	-	-9.1	30	94	.01
butane	1.207	1.163	-	3.6	30	78	.01
bromomethane	1.216	1.366	-	-12.3	30	89	.01
chloroethane	0.584	0.651	-	-11.5	30	87	.01
ethanol	0.386	0.309	-	19.9	30	63	0
dichlorofluoromethane	1.983	1.826	-	7.9	30	76	0
vinyl bromide	0.922	0.912	-	1.1	30	85	.01
acrolein	0.325	0.274	-	15.7	30	67	.01
acetone	0.977	0.967	-	1	30	87	.01
acetonitrile	0.523	0.432	-	17.4	30	72	0
trichlorofluoromethane	2.884	2.688	-	6.8	30	75	.01
isopropyl alcohol	1.028	0.835	-	18.8	30	74	0
acrylonitrile	0.565	0.506	-	10.4	30	74	0
pentane	1.122	1.013	-	9.7	30	75	.01
ethyl ether	0.536	0.426	-	20.5	30	67	0
1,1-dichloroethene	1.54	1.687	-	-9.5	30	85	0
tertiary butyl alcohol	1.29	0.791	-	38.7*	30	53	0
methylene chloride	0.868	0.863	-	0.6	30	84	0
3-chloropropene	0.699	0.685	-	2	30	88	0
carbon disulfide	2.309	2.364	-	-2.4	30	89	.01
Freon 113	2.315	2.186	-	5.6	30	78	0
trans-1,2-dichloroethene	1.128	1.161	-	-2.9	30	87	0
1,1-dichloroethane	1.587	1.625	-	-2.4	30	81	0
MTBE	2.386	2.321	-	2.7	30	83	0
vinyl acetate	1.375	0.847	-	38.4*	30	56	0
2-butanone	1.247	1.238	-	0.7	30	84	0
cis-1,2-dichloroethene	1.219	1.238	-	-1.6	30	81	0
Ethyl Acetate	0.233	0.255	-	-9.4	30	92	0
chloroform	2.253	2.155	-	4.3	30	78	0
Tetrahydrofuran	0.644	0.655	-	-1.7	30	94	0
2,2-dichloropropane	1.804	1.569	-	13	30	69	0
1,2-dichloroethane	1.34	1.294	-	3.4	30	77	0
1,4-difluorobenzene	1	1	-	0	30	66	0
hexane	0.266	0.331	-	-24.4	30	92	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		Lab Number	: L2577844	
Project Name	: 1885 ATLANTIC		Project Number	: 205125	
Instrument ID	: AIRLAB23		Calibration Date	: 12/11/25 15:40	
Lab File ID	: R237278		Init. Calib. Date(s)	: 11/21/25	11/22/25
Sample No	: WG2152814-2		Init. Calib. Times	: 22:35	03:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.21	0.226	-	-7.6	30	71	0
tert-butyl ethyl ether	0.613	0.667	-	-8.8	30	72	0
1,1,1-trichloroethane	0.615	0.652	-	-6	30	72	0
1,1-dichloropropene	0.373	0.425	-	-13.9	30	75	0
benzene	0.729	0.844	-	-15.8	30	77	0
carbon tetrachloride	0.675	0.696	-	-3.1	30	71	0
cyclohexane	0.267	0.326	-	-22.1	30	90	0
tert-amyl methyl ether	0.661	0.701	-	-6.1	30	71	0
dibromomethane	0.347	0.367	-	-5.8	30	70	0
1,2-dichloropropane	0.229	0.284	-	-24	30	84	0
bromodichloromethane	0.55	0.659	-	-19.8	30	85	0
1,4-dioxane	0.162	0.192	-	-18.5	30	84	0
trichloroethene	0.435	0.442	-	-1.6	30	69	0
2,2,4-trimethylpentane	0.822	1.032	-	-25.5	30	91	0
methyl methacrylate	0.223	0.223	-	0	30	69	0
heptane	0.252	0.307	-	-21.8	30	90	0
cis-1,3-dichloropropene	0.392	0.505	-	-28.8	30	84	0
4-methyl-2-pentanone	0.366	0.435	-	-18.9	30	83	0
trans-1,3-dichloropropene	0.311	0.446	-	-43.4*	30	91	0
1,1,2-trichloroethane	0.36	0.408	-	-13.3	30	75	0
chlorobenzene-D5	1	1	-	0	30	66	0
toluene	6.923	7.645	-	-10.4	30	75	0
1,3-dichloropropane	2.996	3.179	-	-6.1	30	73	0
2-hexanone	2.486	2.817	-	-13.3	30	82	0
dibromochloromethane	4.772	5.266	-	-10.4	30	80	0
1,2-dibromoethane	4.07	4.635	-	-13.9	30	76	0
butyl acetate	0.818	0.87	-	-6.4	30	72	0
octane	2.082	2.212	-	-6.2	30	74	0
tetrachloroethene	4.343	4.113	-	5.3	30	66	0
1,1,1,2-tetrachloroethane	3.57	3.33	-	6.7	30	63	0
chlorobenzene	5.831	6.274	-	-7.6	30	73	0
ethylbenzene	8.851	9.703	-	-9.6	30	73	0
m+p-xylene	6.723	7.465	-	-11	30	76	0
bromoform	4.794	4.778	-	0.3	30	73	0
styrene	5.282	5.8	-	-9.8	30	73	0
1,1,2,2-tetrachloroethane	4.893	5.773	-	-18	30	80	0
o-xylene	6.795	7.602	-	-11.9	30	76	0
1,2,3-trichloropropane	3.422	3.623	-	-5.9	30	73	0
nonane	2.774	2.885	-	-4	30	74	0
isopropylbenzene	9.569	9.975	-	-4.2	30	69	0
bromobenzene	4.326	4.502	-	-4.1	30	72	0
2-chlorotoluene	2.813	2.663	-	5.3	30	66	0
n-propylbenzene	2.855	2.84	-	0.5	30	68	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2577844
Project Name	: 1885 ATLANTIC	**Project Number**	: 205125
Instrument ID	: AIRLAB23	**Calibration Date**	: 12/11/25 15:40
Lab File ID	: R237278	**Init. Calib. Date(s)**	: 11/21/25 11/22/25
Sample No	: WG2152814-2	**Init. Calib. Times**	: 22:35 03:11
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	2.624	2.507	-	4.5	30	65	0
4-ethyl toluene	8.937	10.076	-	-12.7	30	81	0
1,3,5-trimethylbenzene	7.528	8.683	-	-15.3	30	77	0
tert-butylbenzene	9.051	9.606	-	-6.1	30	69	0
1,2,4-trimethylbenzene	8.044	9.594	-	-19.3	30	77	0
decane	3.569	4.042	-	-13.3	30	79	0
Benzyl Chloride	5.745	5.961	-	-3.8	30	68	0
1,3-dichlorobenzene	6.386	7.468	-	-16.9	30	80	0
1,4-dichlorobenzene	6.118	7.527	-	-23	30	81	0
sec-butylbenzene	11.521	12.524	-	-8.7	30	74	0
p-isopropyltoluene	10.926	12.34	-	-12.9	30	72	0
1,2-dichlorobenzene	6.036	7.211	-	-19.5	30	80	0
n-butylbenzene	8.824	10.731	-	-21.6	30	79	0
1,2-dibromo-3-chloropropan	2.395	2.463	-	-2.8	30	67	0
undecane	5.43	6.039	-	-11.2	30	72	0
dodecane	3.566	4.317	-	-21.1	30	73	0
1,2,4-trichlorobenzene	5.313	5.934	-	-11.7	30	66	0
naphthalene	10.885	11.299	-	-3.8	30	58	0
1,2,3-trichlorobenzene	5.196	5.013	-	3.5	30	56	0
hexachlorobutadiene	4.64	4.852	-	-4.6	30	64	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-2,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	77	0.00
2		chlorodifluoromethane	1.046	1.204	-15.1	96	0.01
3		propylene	0.406	0.465	-14.5	103	0.01
4		propane	0.294	0.270	8.2	76	0.01
5		dichlorodifluoromethane	2.704	2.784	-3.0	84	0.01
6	C	chloromethane	0.750	0.791	-5.5	85	0.01
7		Freon-114	3.241	3.600	-11.1	88	0.01
8	C	methanol	0.192	0.150	21.9	62	0.00
9	C	vinyl chloride	0.996	1.089	-9.3	88	0.01
10	C	1,3-butadiene	0.640	0.698	-9.1	94	0.01
11		butane	1.207	1.163	3.6	78	0.01
13	C	bromomethane	1.216	1.366	-12.3	89	0.01
14	C	chloroethane	0.584	0.651	-11.5	87	0.01
15		ethanol	0.386	0.309	19.9	63	0.00
16		dichlorofluoromethane	1.983	1.826	7.9	76	0.00
17	C	vinyl bromide	0.922	0.912	1.1	85	0.01
18	C	acrolein	0.325	0.274	15.7	67	0.01
19		acetone	0.977	0.967	1.0	87	0.01
20	C	acetonitrile	0.523	0.432	17.4	72	0.00
21		trichlorofluoromethane	2.884	2.688	6.8	75	0.01
22		isopropyl alcohol	1.028	0.835	18.8	74	0.00
23	C	acrylonitrile	0.565	0.506	10.4	74	0.00
24		pentane	1.122	1.013	9.7	75	0.01
25		ethyl ether	0.536	0.426	20.5	67	0.00
26	C	1,1-dichloroethene	1.540	1.687	-9.5	85	0.00
27		tertiary butyl alcohol	1.290	0.791	38.7#	53#	0.00
28	C	methylene chloride	0.868	0.863	0.6	84	0.00
29	C	3-chloropropene	0.699	0.685	2.0	88	0.00
30	C	carbon disulfide	2.309	2.364	-2.4	89	0.01
31		Freon 113	2.315	2.186	5.6	78	0.00
32		trans-1,2-dichloroethene	1.128	1.161	-2.9	87	0.00
33	C	1,1-dichloroethane	1.587	1.625	-2.4	81	0.00
34	C	MTBE	2.386	2.321	2.7	83	0.00
35	C	vinyl acetate	1.375	0.847	38.4#	56#	0.00
36	C	2-butanone	1.247	1.238	0.7	84	0.00
37		cis-1,2-dichloroethene	1.219	1.238	-1.6	81	0.00
38		Ethyl Acetate	0.233	0.255	-9.4	92	0.00
39	C	chloroform	2.253	2.155	4.3	78	0.00
40		Tetrahydrofuran	0.644	0.655	-1.7	94	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-2,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	1.804	1.569	13.0	69	0.00
42	C	1,2-dichloroethane	1.340	1.294	3.4	77	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	66	0.00
44	C	hexane	0.266	0.331	-24.4	92	0.00
45		diisopropyl ether	0.210	0.226	-7.6	71	0.00
46		tert-butyl ethyl ether	0.613	0.667	-8.8	72	0.00
48	C	1,1,1-trichloroethane	0.615	0.652	-6.0	72	0.00
49		1,1-dichloropropene	0.373	0.425	-13.9	75	0.00
50	C	benzene	0.729	0.844	-15.8	77	0.00
52	C	carbon tetrachloride	0.675	0.696	-3.1	71	0.00
53		cyclohexane	0.267	0.326	-22.1	90	0.00
54		tert-amyl methyl ether	0.661	0.701	-6.1	71	0.00
55		dibromomethane	0.347	0.367	-5.8	70	0.00
56	C	1,2-dichloropropane	0.229	0.284	-24.0	84	0.00
57		bromodichloromethane	0.550	0.659	-19.8	85	0.00
58	C	1,4-dioxane	0.162	0.192	-18.5	84	0.00
59	C	trichloroethene	0.435	0.442	-1.6	69	0.00
60	C	2,2,4-trimethylpentane	0.822	1.032	-25.5	91	0.00
61		methyl methacrylate	0.223	0.223	0.0	69	0.00
62		heptane	0.252	0.307	-21.8	90	0.00
63	C	cis-1,3-dichloropropene	0.392	0.505	-28.8	84	0.00
64	C	4-methyl-2-pentanone	0.366	0.435	-18.9	83	0.00
65		trans-1,3-dichloropropene	0.311	0.446	-43.4#	91	0.00
66	C	1,1,2-trichloroethane	0.360	0.408	-13.3	75	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	66	0.00
68	C	toluene	6.923	7.645	-10.4	75	0.00
71		1,3-dichloropropane	2.996	3.179	-6.1	73	0.00
72		2-hexanone	2.486	2.817	-13.3	82	0.00
74		dibromochloromethane	4.772	5.266	-10.4	80	0.00
75	C	1,2-dibromoethane	4.070	4.635	-13.9	76	0.00
76		butyl acetate	0.818	0.870	-6.4	72	0.00
77		octane	2.082	2.212	-6.2	74	0.00
78	C	tetrachloroethene	4.343	4.113	5.3	66	0.00
79		1,1,1,2-tetrachloroethane	3.570	3.330	6.7	63	0.00
80	C	chlorobenzene	5.831	6.274	-7.6	73	0.00
81	C	ethylbenzene	8.851	9.703	-9.6	73	0.00
83	C	m+p-xylene	6.723	7.465	-11.0	76	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-2,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
84	C	bromoform	4.794	4.778	0.3	73	0.00
85	C	styrene	5.282	5.800	-9.8	73	0.00
86	C	1,1,2,2-tetrachloroethane	4.893	5.773	-18.0	80	0.00
87	C	o-xylene	6.795	7.602	-11.9	76	0.00
88		1,2,3-trichloropropane	3.422	3.623	-5.9	73	0.00
89		nonane	2.774	2.885	-4.0	74	0.00
91	C	isopropylbenzene	9.569	9.975	-4.2	69	0.00
92		bromobenzene	4.326	4.502	-4.1	72	0.00
93		2-chlorotoluene	2.813	2.663	5.3	66	0.00
94		n-propylbenzene	2.855	2.840	0.5	68	0.00
95		4-chlorotoluene	2.624	2.507	4.5	65	0.00
96		4-ethyl toluene	8.937	10.076	-12.7	81	0.00
97		1,3,5-trimethylbenzene	7.528	8.683	-15.3	77	0.00
98		tert-butylbenzene	9.051	9.606	-6.1	69	0.00
99		1,2,4-trimethylbenzene	8.044	9.594	-19.3	77	0.00
100		decane	3.569	4.042	-13.3	79	0.00
101	C	Benzyl Chloride	5.745	5.961	-3.8	68	0.00
102		1,3-dichlorobenzene	6.386	7.468	-16.9	80	0.00
103	C	1,4-dichlorobenzene	6.118	7.527	-23.0	81	0.00
104		sec-butylbenzene	11.521	12.524	-8.7	74	0.00
106		p-isopropyltoluene	10.926	12.340	-12.9	72	0.00
107		1,2-dichlorobenzene	6.036	7.211	-19.5	80	0.00
108		n-butylbenzene	8.824	10.731	-21.6	79	0.00
111	C	1,2-dibromo-3-chloropropane	2.395	2.463	-2.8	67	0.00
112		undecane	5.430	6.039	-11.2	72	0.00
114		dodecane	3.566	4.317	-21.1	73	0.00
115	C	1,2,4-trichlorobenzene	5.313	5.934	-11.7	66	0.00
116		naphthalene	10.885	11.299	-3.8	58#	0.00
117		1,2,3-trichlorobenzene	5.196	5.013	3.5	56#	0.00
119	C	hexachlorobutadiene	4.640	4.852	-4.6	64	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-2,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.874	49	166247	10.000	ppbV	0.00
Standard Area = 166247			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.060	114	589128	10.000	ppbV	0.00
Standard Area = 589128			Recovery = 100.00%			
67) chlorobenzene-D5	15.738	54	84733	10.000	ppbV	0.00
Standard Area = 84733			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
2) chlorodifluoromethane	3.769	51	200229	11.512	ppbV	99
3) propylene	3.798	41	77252M6	11.449	ppbV	
4) propane	3.816	29	44963	9.186	ppbV #	85
5) dichlorodifluoromethane	3.868	85	462814	10.296	ppbV	99
6) chloromethane	4.032	50	131541	10.551	ppbV	100
7) Freon-114	4.138	85	598497	11.107	ppbV	93
8) methanol	4.208	31	124798	39.168	ppbV	94
9) vinyl chloride	4.255	62	181055	10.937	ppbV	100
10) 1,3-butadiene	4.395	54	116111	10.907	ppbV	89
11) butane	4.448	43	193414	9.642	ppbV	97
13) bromomethane	4.670	94	227071	11.232	ppbV	99
14) chloroethane	4.852	64	108251	11.152	ppbV	100
15) ethanol	4.992	31	257106	40.112	ppbV	86
16) dichlorofluoromethane	4.951	67	303650	9.209	ppbV	99
17) vinyl bromide	5.221	106	151672	9.892	ppbV	99
18) acrolein	5.344	56	45565	8.428	ppbV	95
19) acetone	5.478	43	803781	49.509	ppbV	94
20) acetonitrile	5.210	41	71852	8.269	ppbV	100
21) trichlorofluoromethane	5.671	101	446917	9.320	ppbV	99
22) isopropyl alcohol	5.771	45	347097	20.312	ppbV	99
23) acrylonitrile	5.993	53	84182	8.957	ppbV	99
24) pentane	6.069	43	168440	9.028	ppbV	99
25) ethyl ether	6.080	31	70828	7.953	ppbV	86
26) 1,1-dichloroethene	6.364	61	280410	10.952	ppbV	97
27) tertiary butyl alcohol	6.405	59	131455	6.131	ppbV	97
28) methylene chloride	6.499	49	143398	9.942	ppbV	97
29) 3-chloropropene	6.628	41	113835	9.799	ppbV	95
30) carbon disulfide	6.802	76	392929	10.236	ppbV	96
31) Freon 113	6.796	101	363349	9.442	ppbV	92

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-2,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
32) trans-1,2-dichloroethene	7.536	61	193044	10.297	ppbV		94
33) 1,1-dichloroethane	7.758	63	270183	10.243	ppbV		99
34) MTBE	7.818	73	385902	9.727	ppbV		97
35) vinyl acetate	7.942	43	140750	6.158	ppbV		100
36) 2-butanone	8.192	43	205873	9.930	ppbV		100
37) cis-1,2-dichloroethene	8.694	61	205800	10.154	ppbV		94
38) Ethyl Acetate	8.955	61	42334	10.917	ppbV		64
39) chloroform	9.029	83	358282	9.564	ppbV		99
40) Tetrahydrofuran	9.452	42	108956	10.176	ppbV		99
41) 2,2-dichloropropane	9.045	77	260836	8.697	ppbV		98
42) 1,2-dichloroethane	9.844	62	215090	9.659	ppbV		99
44) hexane	8.939	57	194856	12.443	ppbV		91
45) diisopropyl ether	8.931	87	132919	10.743	ppbV		91
46) tert-butyl ethyl ether	9.534	59	392861	10.879	ppbV		97
48) 1,1,1-trichloroethane	10.129	97	384311	10.604	ppbV		97
49) 1,1-dichloropropene	10.485	75	250250	11.384	ppbV		96
50) benzene	10.645	78	497122	11.582	ppbV		99
52) carbon tetrachloride	10.815	117	410098	10.320	ppbV		100
53) cyclohexane	10.956	56	192027	12.213	ppbV		96
54) tert-amyl methyl ether	11.324	73	412724	10.604	ppbV		97
55) dibromomethane	11.541	93	216410	10.592	ppbV		90
56) 1,2-dichloropropane	11.569	63	167075	12.406	ppbV		93
57) bromodichloromethane	11.795	83	388476	11.981	ppbV		99
58) 1,4-dioxane	11.833	88	113203	11.849	ppbV		96
59) trichloroethene	11.852	130	260538	10.165	ppbV		98
60) 2,2,4-trimethylpentane	11.899	57	607741	12.547	ppbV		95
61) methyl methacrylate	12.087	41	131662	10.004	ppbV		95
62) heptane	12.200	43	180777	12.161	ppbV		96
63) cis-1,3-dichloropropene	12.840	75	297218	12.875	ppbV		96
64) 4-methyl-2-pentanone	12.874	43	256430	11.885	ppbV		97
65) trans-1,3-dichloropropene	13.458	75	262774	14.343	ppbV		96
66) 1,1,2-trichloroethane	13.649	97	240098	11.307	ppbV		98
68) toluene	13.975	91	647777	11.043	ppbV		100
71) 1,3-dichloropropane	14.008	76	269403	10.614	ppbV		96
72) 2-hexanone	14.267	43	238725	11.335	ppbV	#	95
74) dibromochloromethane	14.434	129	446219	11.035	ppbV		100
75) 1,2-dibromoethane	14.684	107	392736	11.389	ppbV		100
76) butyl acetate	14.926	73	73697	10.637	ppbV		94
77) octane	15.026	85	187461	10.629	ppbV		96
78) tetrachloroethene	15.151	166	348525	9.472	ppbV		95

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-2,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

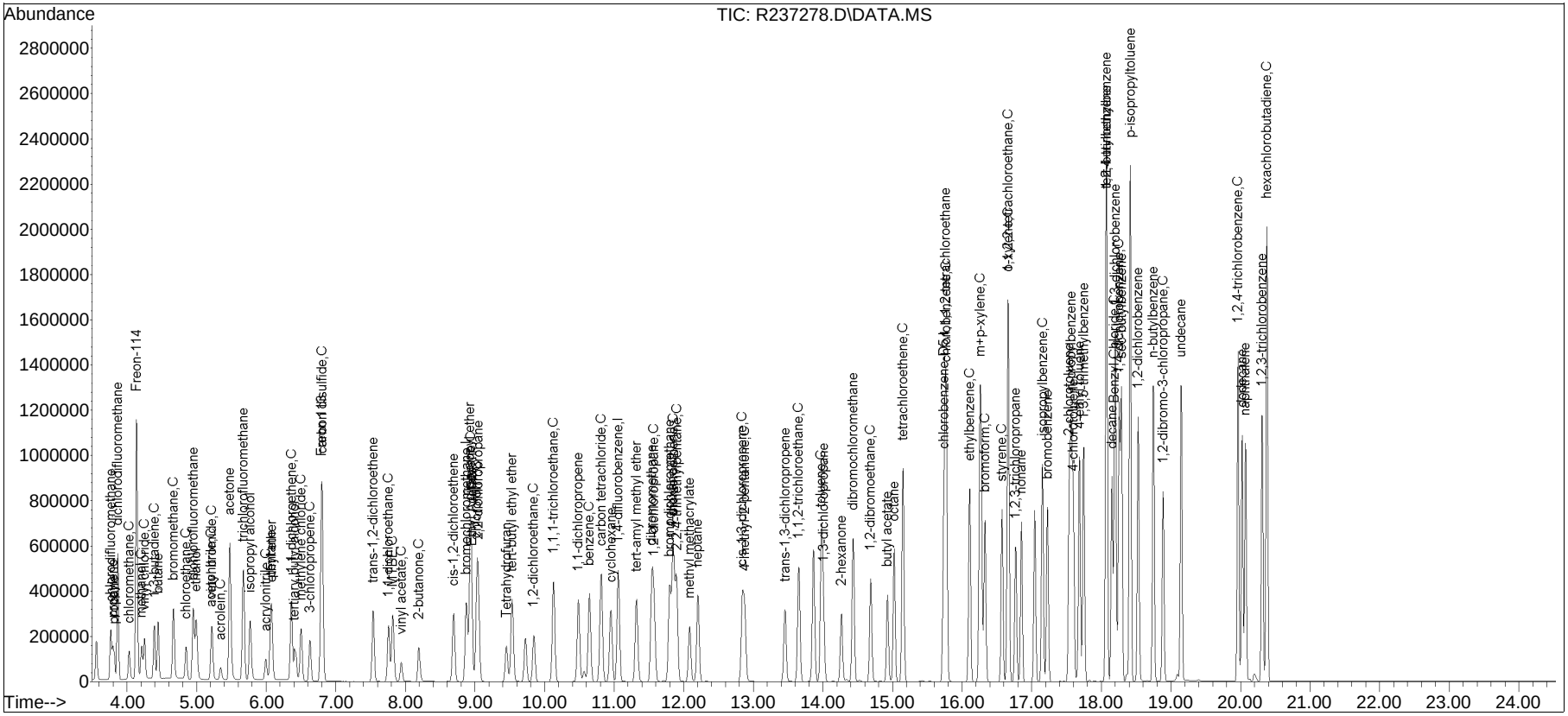
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 1,1,1,2-tetrachloroethane	15.764	131	282203	9.329	ppbV	98
80) chlorobenzene	15.773	112	531633	10.760	ppbV	97
81) ethylbenzene	16.112	91	822196	10.963	ppbV	97
83) m+p-xylene	16.260	91	1265088	22.207	ppbV	99
84) bromoform	16.330	173	404874	9.967	ppbV	100
85) styrene	16.574	104	491486	10.981	ppbV	100
86) 1,1,2,2-tetrachloroethane	16.661	83	489127	11.799	ppbV	99
87) o-xylene	16.661	91	644120	11.187	ppbV	98
88) 1,2,3-trichloropropane	16.765	75	307027	10.590	ppbV	96
89) nonane	16.852	43	244463	10.402	ppbV	97
91) isopropylbenzene	17.157	105	845196	10.424	ppbV	99
92) bromobenzene	17.227	77	381472	10.408	ppbV	87
93) 2-chlorotoluene	17.540	126	225625	9.466	ppbV	92
94) n-propylbenzene	17.566	120	240656	9.946	ppbV	89
95) 4-chlorotoluene	17.601	126	212387	9.551	ppbV	92
96) 4-ethyl toluene	17.688	105	853776	11.275	ppbV	99
97) 1,3,5-trimethylbenzene	17.749	105	735758	11.535	ppbV	98
98) tert-butylbenzene	18.074	119	813962	10.613	ppbV	98
99) 1,2,4-trimethylbenzene	18.074	105	812920	11.927	ppbV	95
100) decane	18.154	57	342526	11.326	ppbV	93
101) Benzyl Chloride	18.186	91	505117	10.376	ppbV	99
102) 1,3-dichlorobenzene	18.202	146	632807	11.695	ppbV	99
103) 1,4-dichlorobenzene	18.257	146	637743	12.302	ppbV	99
104) sec-butylbenzene	18.289	105	1061218	10.871	ppbV	99
106) p-isopropyltoluene	18.417	119	1045645	11.294	ppbV	99
107) 1,2-dichlorobenzene	18.529	146	611033	11.946	ppbV	99
108) n-butylbenzene	18.744	91	909262	12.161	ppbV	100
111) 1,2-dibromo-3-chloropr...	18.888	75	208704	10.285	ppbV	97
112) undecane	19.144	57	511670	11.121	ppbV	96
114) dodecane	20.023	57	365756	12.105	ppbV	94
115) 1,2,4-trichlorobenzene	19.964	180	502836	11.170	ppbV	98
116) naphthalene	20.069	128	957369	10.380	ppbV	100
117) 1,2,3-trichlorobenzene	20.309	180	424745	9.648	ppbV	97
119) hexachlorobutadiene	20.379	225	411104	10.457	ppbV	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedR237278.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-2,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

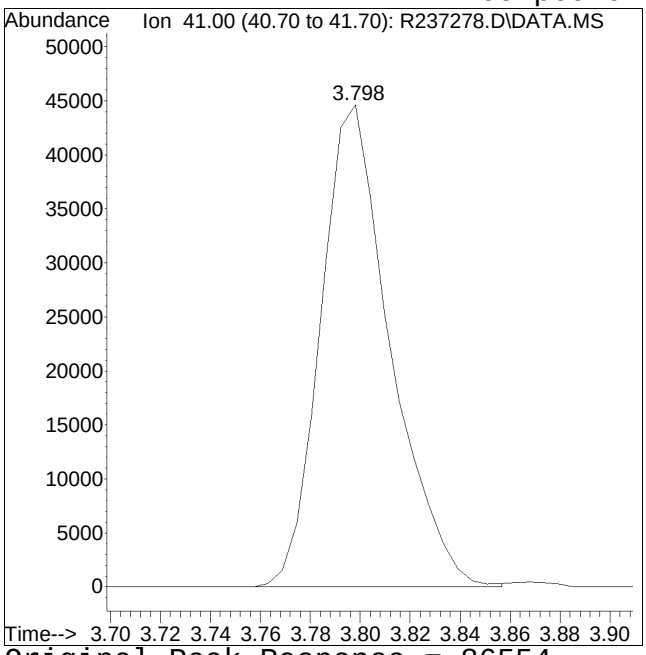


Manual Integration Report

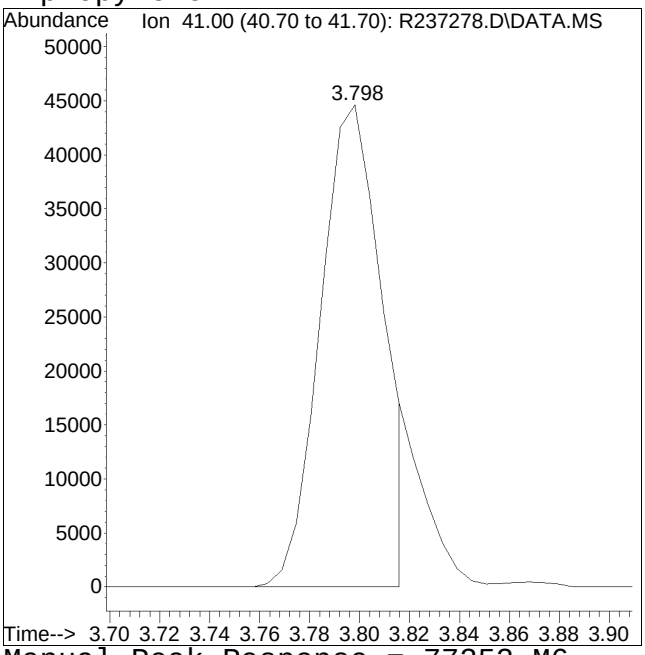
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R237278.D
Date Inj'd : 12/11/2025 3:40 pm
Sample : WG2152814-2,3,250,250

Method : TFS23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/11/2025 4:29 pm

Compound #3: propylene



Original Peak Response = 86554



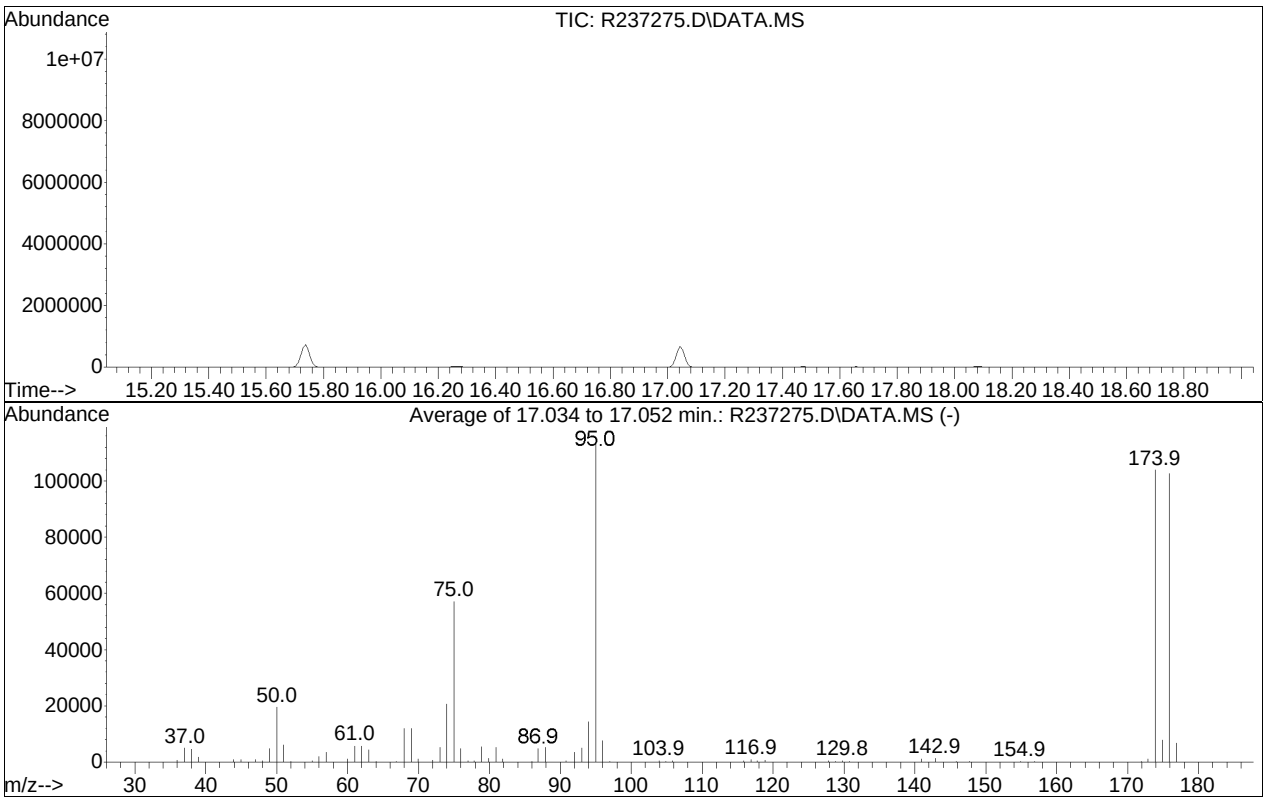
Manual Peak Response = 77252 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237275.D
Acq On : 11 Dec 2025 01:39 pm
Operator : AIRLAB23:APR
Sample : WG2152814-1
Misc : WG2152814,ICAL22840
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 15:33:01 2025



AutoFind: Scans 1841, 1842, 1843; Background Corrected with Scan 1834

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.3	19656	PASS
75	95	30	66	50.3	57131	PASS
95	95	100	100	100.0	113648	PASS
96	95	5	9	6.8	7722	PASS
173	174	0.00	2	1.0	1087	PASS
174	95	50	120	91.5	104040	PASS
175	174	4	9	7.7	7988	PASS
176	174	93	101	98.7	102709	PASS
177	176	5	9	6.5	6693	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237280.D
Acq On : 11 Dec 2025 07:28 pm
Operator : AIRLAB23:APR
Sample : WG2152814-4,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 12 09:11:12 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 12 09:04:16 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.865	49	174725	10.000	ppbV	0.00
Standard Area = 166247			Recovery = 105.10%			
43) 1,4-difluorobenzene	11.050	114	650006	10.000	ppbV	-0.01
Standard Area = 589128			Recovery = 110.33%			
67) chlorobenzene-D5	15.738	54	94036	10.000	ppbV	0.00
Standard Area = 84733			Recovery = 110.98%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	0.000		0	N.D.		
6) chloromethane	0.000		0	N.D.		
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.022	31	238	0.035	ppbV #	66
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.537	43	2070	0.121	ppbV #	95
21) trichlorofluoromethane	0.000		0	N.D.		
22) isopropyl alcohol	0.000		0	N.D.		
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	0.000		0	N.D.		
28) methylene chloride	6.499	49	618	0.041	ppbV #	78
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	6.807		0	N.D.		
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	0.000		0	N.D.		
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	0.000		0	N.D.		
40) Tetrahydrofuran	0.000		0	N.D.		
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	0.000		0	N.D.		

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237280.D
Acq On : 11 Dec 2025 07:28 pm
Operator : AIRLAB23:APR
Sample : WG2152814-4,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 12 09:11:12 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 12 09:04:16 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	0.000		0	N.D.		
52) carbon tetrachloride	0.000		0	N.D.		
53) cyclohexane	0.000		0	N.D.	d	
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	0.000		0	N.D.		
62) heptane	0.000		0	N.D.		
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	0.000		0	N.D.		
72) 2-hexanone	0.000		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	0.000		0	N.D.		
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	0.000		0	N.D.		
83) m+p-xylene	0.000		0	N.D.		
84) bromoform	0.000		0	N.D.		
85) styrene	0.000		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	0.000		0	N.D.		
96) 4-ethyl toluene	0.000		0	N.D.		
97) 1,3,5-trimethylbenzene	0.000		0	N.D.		
99) 1,2,4-trimethylbenzene	0.000		0	N.D.		
101) Benzyl Chloride	0.000		0	N.D.		
102) 1,3-dichlorobenzene	0.000		0	N.D.		
103) 1,4-dichlorobenzene	0.000		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
116) naphthalene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237280.D
Acq On : 11 Dec 2025 07:28 pm
Operator : AIRLAB23:APR
Sample : WG2152814-4,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 12 09:11:12 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 12 09:04:16 2025
Response via : Initial Calibration

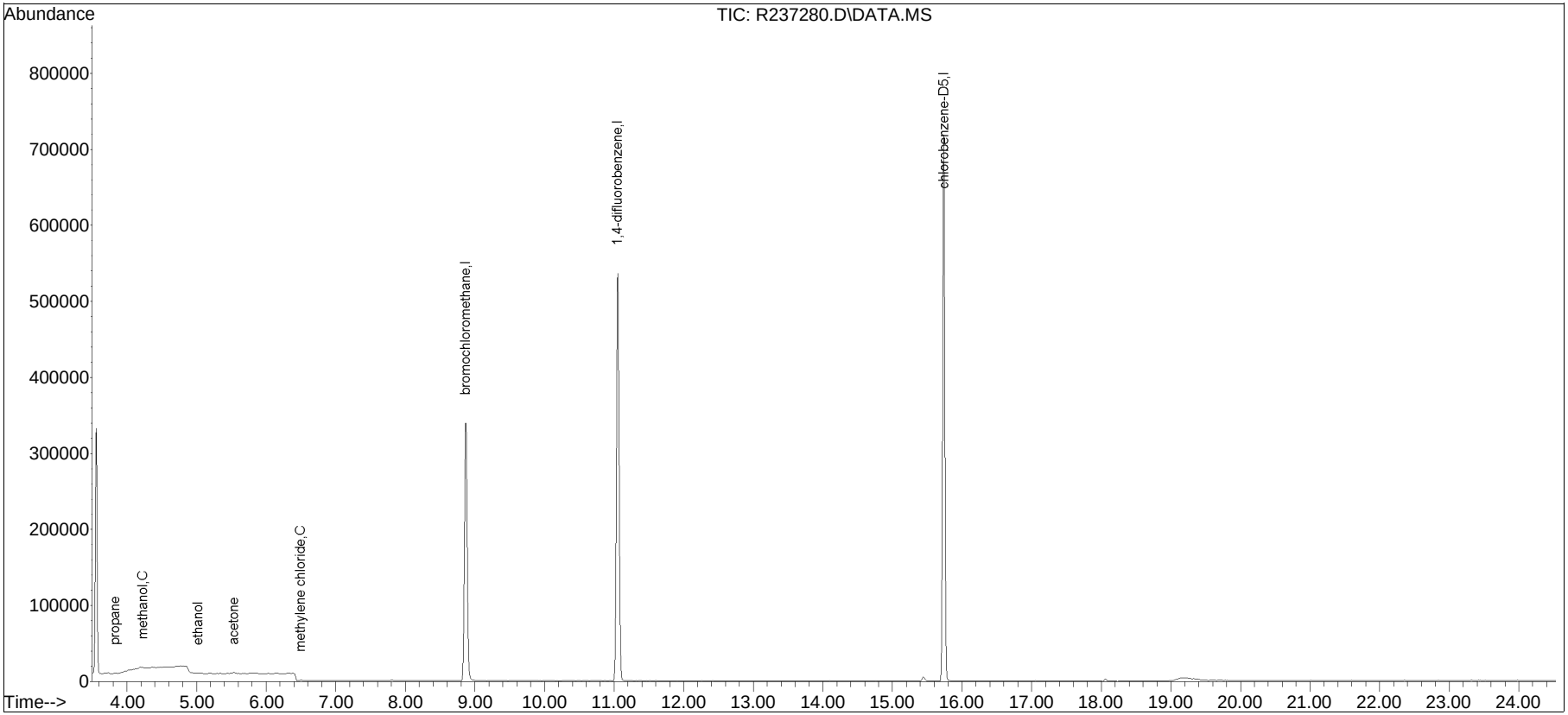
CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

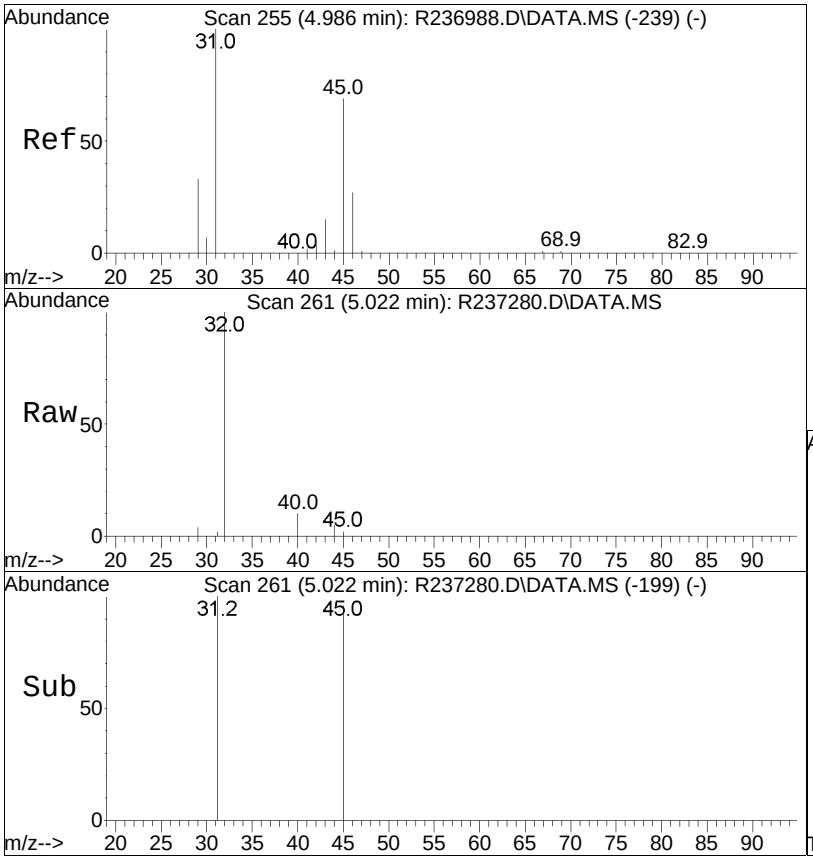
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listedR237278.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237280.D
Acq On : 11 Dec 2025 07:28 pm
Operator : AIRLAB23:APR
Sample : WG2152814-4,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 12 09:11:12 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 12 09:04:16 2025
Response via : Initial Calibration

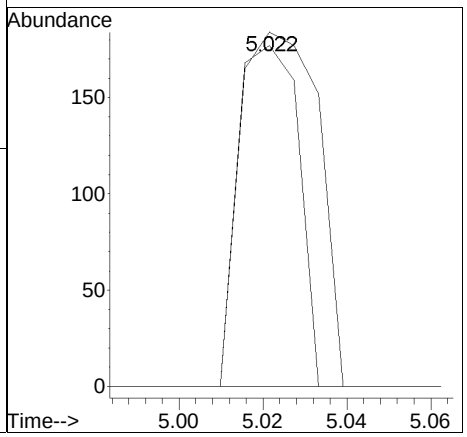


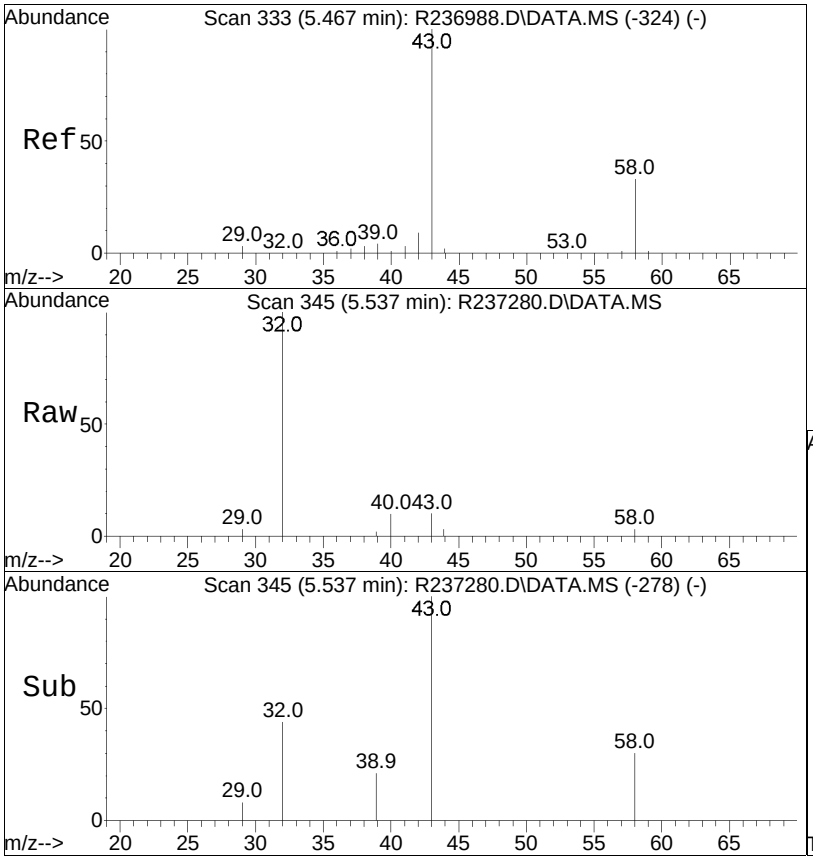


#15
ethanol
Concen: 0.04 ppbV
RT: 5.022 min Scan# 261
Delta R.T. 0.036 min
Lab File: R237280.D
Acq: 11 Dec 2025 07:28 pm

Tgt Ion: 31 Resp: 238

Ion	Ratio	Lower	Upper
31	100		
45	96.2	55.0	82.6#

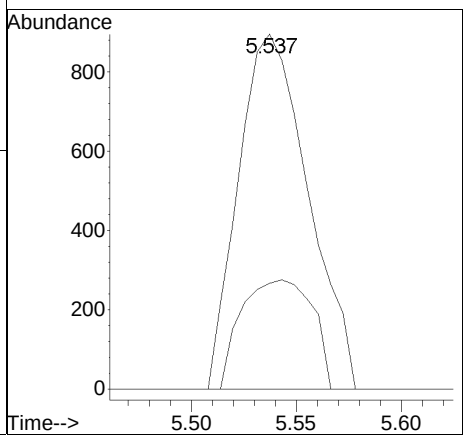


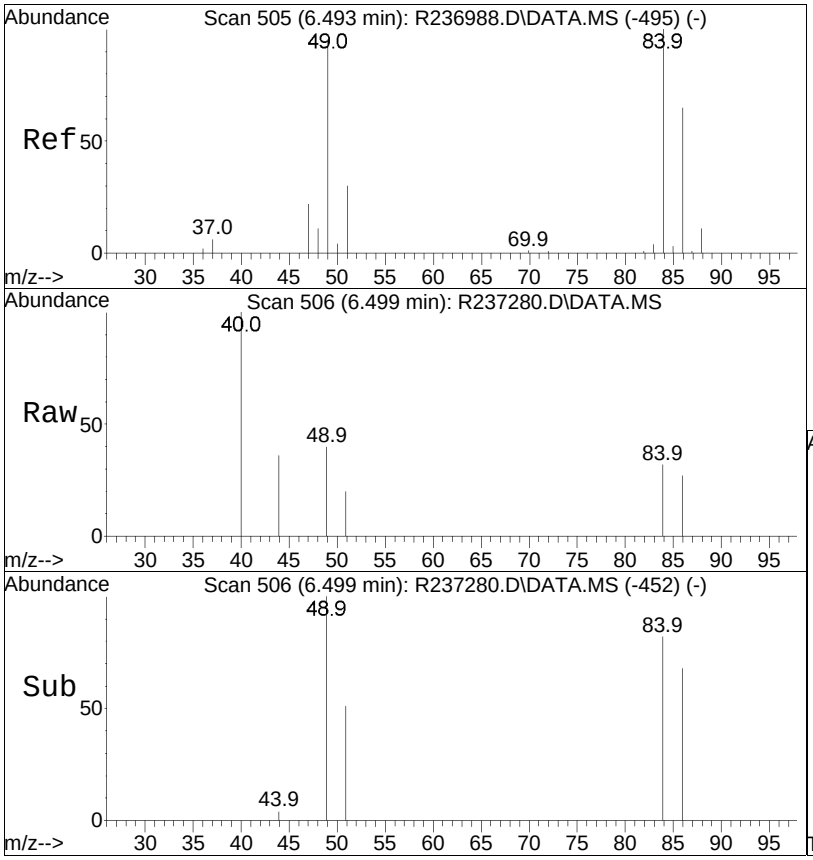


#19
acetone
Concen: 0.12 ppbV
RT: 5.537 min Scan# 345
Delta R.T. 0.070 min
Lab File: R237280.D
Acq: 11 Dec 2025 07:28 pm

Tgt Ion: 43 Resp: 2070

Ion	Ratio	Lower	Upper
43	100		
58	29.8	26.2	39.4
57	0.0	0.7	1.1#

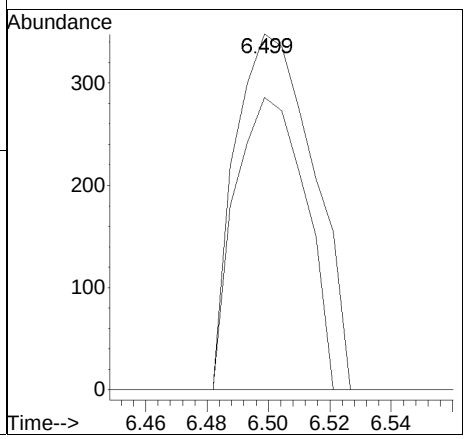




#28
methylene chloride
Concen: 0.04 ppbV
RT: 6.499 min Scan# 506
Delta R.T. 0.006 min
Lab File: R237280.D
Acq: 11 Dec 2025 07:28 pm

Tgt Ion: 49 Resp: 618

Ion	Ratio	Lower	Upper
49	100		
84	82.2	83.7	125.5#



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab23\20	QMethod	: TFS23_251121.M
Data File	: R237280.D	Operator	: AIRLAB23:APR
Date Inj'd	: 12/11/2025 7:28 pm	Instrument	: Airlab 23
Sample	: WG2152814-4,3,250,250	Quant Date	: 12/12/2025 9:11 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-3,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	bromochloromethane	10.000	10.000	0.0	77	0.00
2		chlorodifluoromethane	10.000	11.512	-15.1	96	0.01
3		propylene	10.000	11.449	-14.5	103	0.01
4		propane	10.000	9.186	8.1	76	0.01
5		dichlorodifluoromethane	10.000	10.296	-3.0	84	0.01
6	C	chloromethane	10.000	10.551	-5.5	85	0.01
7		Freon-114	10.000	11.107	-11.1	88	0.01
8	C	methanol	50.000	39.168	21.7	62	0.00
9	C	vinyl chloride	10.000	10.937	-9.4	88	0.01
10	C	1,3-butadiene	10.000	10.907	-9.1	94	0.01
11		butane	10.000	9.642	3.6	78	0.01
13	C	bromomethane	10.000	11.232	-12.3	89	0.01
14	C	chloroethane	10.000	11.152	-11.5	87	0.01
15		ethanol	50.000	40.112	19.8	63	0.00
16		dichlorofluoromethane	10.000	9.209	7.9	76	0.00
17	C	vinyl bromide	10.000	9.892	1.1	85	0.01
18	C	acrolein	10.000	8.428	15.7	67	0.01
19		acetone	50.000	49.509	1.0	87	0.01
20	C	acetonitrile	10.000	8.269	17.3	72	0.00
21		trichlorofluoromethane	10.000	9.320	6.8	75	0.01
22		isopropyl alcohol	25.000	20.312	18.8	74	0.00
23	C	acrylonitrile	10.000	8.957	10.4	74	0.00
24		pentane	10.000	9.028	9.7	75	0.01
25		ethyl ether	10.000	7.953	20.5	67	0.00
26	C	1,1-dichloroethene	10.000	10.952	-9.5	85	0.00
27		tertiary butyl alcohol	10.000	6.131	38.7#	53	0.00
28	C	methylene chloride	10.000	9.942	0.6	84	0.00
29	C	3-chloropropene	10.000	9.799	2.0	88	0.00
30	C	carbon disulfide	10.000	10.236	-2.4	89	0.01
31		Freon 113	10.000	9.442	5.6	78	0.00
32		trans-1,2-dichloroethene	10.000	10.297	-3.0	87	0.00
33	C	1,1-dichloroethane	10.000	10.243	-2.4	81	0.00
34	C	MTBE	10.000	9.727	2.7	83	0.00
35	C	vinyl acetate	10.000	6.158	38.4#	56	0.00
36	C	2-butanone	10.000	9.930	0.7	84	0.00
37		cis-1,2-dichloroethene	10.000	10.154	-1.5	81	0.00
38		Ethyl Acetate	10.000	10.917	-9.2	92	0.00
39	C	chloroform	10.000	9.564	4.4	78	0.00
40		Tetrahydrofuran	10.000	10.176	-1.8	94	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-3,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	10.000	8.697	13.0	69	0.00
42	C	1,2-dichloroethane	10.000	9.659	3.4	77	0.00
43	I	1,4-difluorobenzene	10.000	10.000	0.0	66	0.00
44	C	hexane	10.000	12.443	-24.4	92	0.00
45		diisopropyl ether	10.000	10.743	-7.4	71	0.00
46		tert-butyl ethyl ether	10.000	10.879	-8.8	72	0.00
48	C	1,1,1-trichloroethane	10.000	10.604	-6.0	72	0.00
49		1,1-dichloropropene	10.000	11.384	-13.8	75	0.00
50	C	benzene	10.000	11.582	-15.8	77	0.00
52	C	carbon tetrachloride	10.000	10.320	-3.2	71	0.00
53		cyclohexane	10.000	12.213	-22.1	90	0.00
54		tert-amyl methyl ether	10.000	10.604	-6.0	71	0.00
55		dibromomethane	10.000	10.592	-5.9	70	0.00
56	C	1,2-dichloropropane	10.000	12.406	-24.1	84	0.00
57		bromodichloromethane	10.000	11.981	-19.8	85	0.00
58	C	1,4-dioxane	10.000	11.849	-18.5	84	0.00
59	C	trichloroethene	10.000	10.165	-1.6	69	0.00
60	C	2,2,4-trimethylpentane	10.000	12.547	-25.5	91	0.00
61		methyl methacrylate	10.000	10.004	-0.0	69	0.00
62		heptane	10.000	12.161	-21.6	90	0.00
63	C	cis-1,3-dichloropropene	10.000	12.875	-28.7	84	0.00
64	C	4-methyl-2-pentanone	10.000	11.885	-18.8	83	0.00
65		trans-1,3-dichloropropene	10.000	14.343	-43.4#	91	0.00
66	C	1,1,2-trichloroethane	10.000	11.307	-13.1	75	0.00
67	I	chlorobenzene-D5	10.000	10.000	0.0	66	0.00
68	C	toluene	10.000	11.043	-10.4	75	0.00
71		1,3-dichloropropane	10.000	10.614	-6.1	73	0.00
72		2-hexanone	10.000	11.335	-13.4	82	0.00
74		dibromochloromethane	10.000	11.035	-10.4	80	0.00
75	C	1,2-dibromoethane	10.000	11.389	-13.9	76	0.00
76		butyl acetate	10.000	10.637	-6.4	72	0.00
77		octane	10.000	10.629	-6.3	74	0.00
78	C	tetrachloroethene	10.000	9.472	5.3	66	0.00
79		1,1,1,2-tetrachloroethane	10.000	9.329	6.7	63	0.00
80	C	chlorobenzene	10.000	10.760	-7.6	73	0.00
81	C	ethylbenzene	10.000	10.963	-9.6	73	0.00
83	C	m+p-xylene	20.000	22.207	-11.0	76	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-3,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
84	C	bromoform	10.000	9.967	0.3	73	0.00
85	C	styrene	10.000	10.981	-9.8	73	0.00
86	C	1,1,2,2-tetrachloroethane	10.000	11.799	-18.0	80	0.00
87	C	o-xylene	10.000	11.187	-11.9	76	0.00
88		1,2,3-trichloropropane	10.000	10.590	-5.9	73	0.00
89		nonane	10.000	10.402	-4.0	74	0.00
91	C	isopropylbenzene	10.000	10.424	-4.2	69	0.00
92		bromobenzene	10.000	10.408	-4.1	72	0.00
93		2-chlorotoluene	10.000	9.466	5.3	66	0.00
94		n-propylbenzene	10.000	9.946	0.5	68	0.00
95		4-chlorotoluene	10.000	9.551	4.5	65	0.00
96		4-ethyl toluene	10.000	11.275	-12.8	81	0.00
97		1,3,5-trimethylbenzene	10.000	11.535	-15.4	77	0.00
98		tert-butylbenzene	10.000	10.613	-6.1	69	0.00
99		1,2,4-trimethylbenzene	10.000	11.927	-19.3	77	0.00
100		decane	10.000	11.326	-13.3	79	0.00
101	C	Benzyl Chloride	10.000	10.376	-3.8	68	0.00
102		1,3-dichlorobenzene	10.000	11.695	-17.0	80	0.00
103	C	1,4-dichlorobenzene	10.000	12.302	-23.0	81	0.00
104		sec-butylbenzene	10.000	10.871	-8.7	74	0.00
106		p-isopropyltoluene	10.000	11.294	-12.9	72	0.00
107		1,2-dichlorobenzene	10.000	11.946	-19.5	80	0.00
108		n-butylbenzene	10.000	12.161	-21.6	79	0.00
111	C	1,2-dibromo-3-chloropropane	10.000	10.285	-2.9	67	0.00
112		undecane	10.000	11.121	-11.2	72	0.00
114		dodecane	10.000	12.105	-21.1	73	0.00
115	C	1,2,4-trichlorobenzene	10.000	11.170	-11.7	66	0.00
116		naphthalene	10.000	10.380	-3.8	58	0.00
117		1,2,3-trichlorobenzene	10.000	9.648	3.5	56	0.00
119	C	hexachlorobutadiene	10.000	10.457	-4.6	64	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-3,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.874	49	166247	10.000	ppbV	0.00
Standard Area = 166247			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.060	114	589128	10.000	ppbV	0.00
Standard Area = 589128			Recovery = 100.00%			
67) chlorobenzene-D5	15.738	54	84733	10.000	ppbV	0.00
Standard Area = 84733			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.868	85	462814	10.296	ppbV	99
6) chloromethane	4.032	50	131541	10.551	ppbV	100
7) Freon-114	4.138	85	598497	11.107	ppbV	93
9) vinyl chloride	4.255	62	181055	10.937	ppbV	100
10) 1,3-butadiene	4.395	54	116111	10.907	ppbV	89
13) bromomethane	4.670	94	227071	11.232	ppbV	99
14) chloroethane	4.852	64	108251	11.152	ppbV	100
15) ethanol	4.992	31	257106	40.112	ppbV	86
17) vinyl bromide	5.221	106	151672	9.892	ppbV	99
19) acetone	5.478	43	803781	49.509	ppbV	94
21) trichlorofluoromethane	5.671	101	446917	9.320	ppbV	99
22) isopropyl alcohol	5.771	45	347097	20.312	ppbV	99
26) 1,1-dichloroethene	6.364	61	280410	10.952	ppbV	97
27) tertiary butyl alcohol	6.405	59	131455	6.131	ppbV	97
28) methylene chloride	6.499	49	143398	9.942	ppbV	97
29) 3-chloropropene	6.628	41	113835	9.799	ppbV	95
30) carbon disulfide	6.802	76	392929	10.236	ppbV	96
31) Freon 113	6.796	101	363349	9.442	ppbV	92
32) trans-1,2-dichloroethene	7.536	61	193044	10.297	ppbV	94
33) 1,1-dichloroethane	7.758	63	270183	10.243	ppbV	99
34) MTBE	7.818	73	385902	9.727	ppbV	97
36) 2-butanone	8.192	43	205873	9.930	ppbV	100
37) cis-1,2-dichloroethene	8.694	61	205800	10.154	ppbV	94
38) Ethyl Acetate	8.955	61	42334	10.917	ppbV	64
39) chloroform	9.029	83	358282	9.564	ppbV	99
40) Tetrahydrofuran	9.452	42	108956	10.176	ppbV	99
42) 1,2-dichloroethane	9.844	62	215090	9.659	ppbV	99
44) hexane	8.939	57	194856	12.443	ppbV	91

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-3,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,1,1-trichloroethane	10.129	97	384311	10.604	ppbV		97
50) benzene	10.645	78	497122	11.582	ppbV		99
52) carbon tetrachloride	10.815	117	410098	10.320	ppbV		100
53) cyclohexane	10.956	56	192027	12.213	ppbV		96
56) 1,2-dichloropropane	11.569	63	167075	12.406	ppbV		93
57) bromodichloromethane	11.795	83	388476	11.981	ppbV		99
58) 1,4-dioxane	11.833	88	113203	11.849	ppbV		96
59) trichloroethene	11.852	130	260538	10.165	ppbV		98
60) 2,2,4-trimethylpentane	11.899	57	607741	12.547	ppbV		95
62) heptane	12.200	43	180777	12.161	ppbV		96
63) cis-1,3-dichloropropene	12.840	75	297218	12.875	ppbV		96
64) 4-methyl-2-pentanone	12.874	43	256430	11.885	ppbV		97
65) trans-1,3-dichloropropene	13.458	75	262774	14.343	ppbV		96
66) 1,1,2-trichloroethane	13.649	97	240098	11.307	ppbV		98
68) toluene	13.975	91	647777	11.043	ppbV		100
72) 2-hexanone	14.267	43	238725	11.335	ppbV	#	95
74) dibromochloromethane	14.434	129	446219	11.035	ppbV		100
75) 1,2-dibromoethane	14.684	107	392736	11.389	ppbV		100
78) tetrachloroethene	15.151	166	348525	9.472	ppbV		95
80) chlorobenzene	15.773	112	531633	10.760	ppbV		97
81) ethylbenzene	16.112	91	822196	10.963	ppbV		97
83) m+p-xylene	16.260	91	1265088	22.207	ppbV		99
84) bromoform	16.330	173	404874	9.967	ppbV		100
85) styrene	16.574	104	491486	10.981	ppbV		100
86) 1,1,2,2-tetrachloroethane	16.661	83	489127	11.799	ppbV		99
87) o-xylene	16.661	91	644120	11.187	ppbV		98
96) 4-ethyl toluene	17.688	105	853776	11.275	ppbV		99
97) 1,3,5-trimethylbenzene	17.749	105	735758	11.535	ppbV		98
99) 1,2,4-trimethylbenzene	18.074	105	812920	11.927	ppbV		95
101) Benzyl Chloride	18.186	91	505117	10.376	ppbV		99
102) 1,3-dichlorobenzene	18.202	146	632807	11.695	ppbV		99
103) 1,4-dichlorobenzene	18.257	146	637743	12.302	ppbV		99
107) 1,2-dichlorobenzene	18.529	146	611033	11.946	ppbV		99
115) 1,2,4-trichlorobenzene	19.964	180	502836	11.170	ppbV		98
116) naphthalene	20.069	128	957369	10.380	ppbV		100
119) hexachlorobutadiene	20.379	225	411104	10.457	ppbV		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-3,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

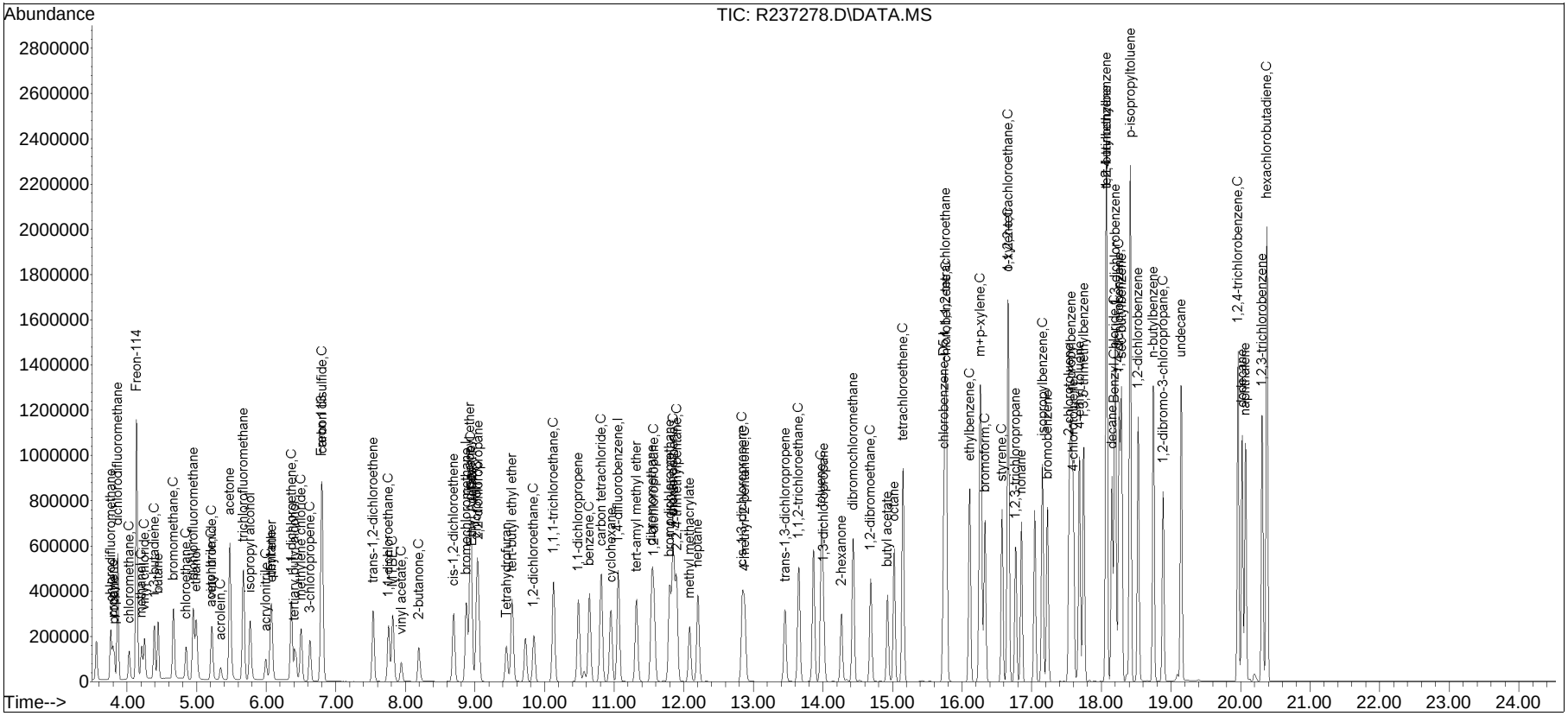
CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

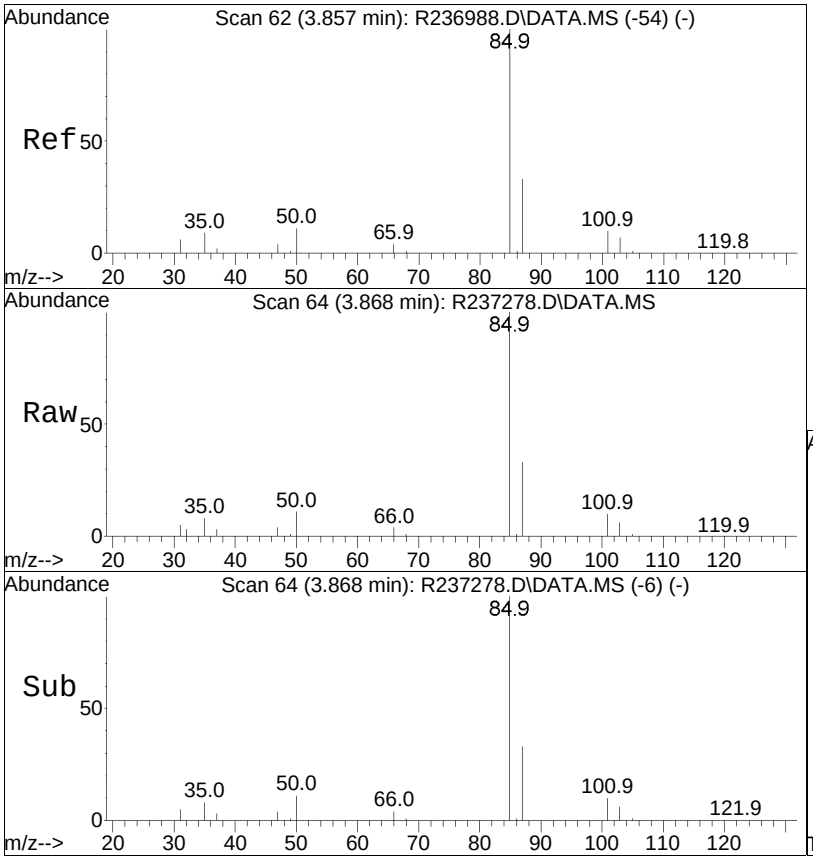
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listedR237278.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-3,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

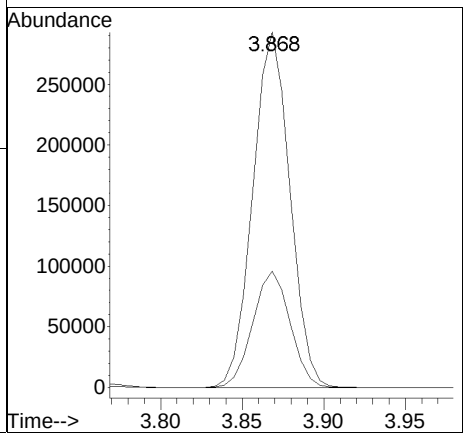


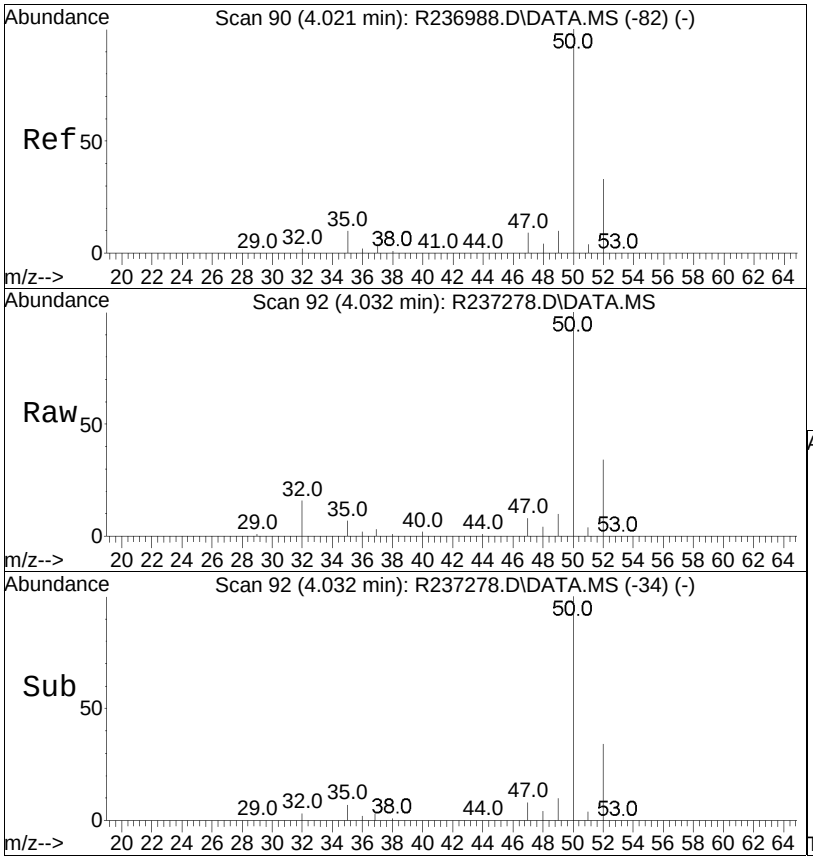


#5
dichlorodifluoromethane
Concen: 10.30 ppbV
RT: 3.868 min Scan# 64
Delta R.T. 0.012 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 85 Resp: 462814

Ion	Ratio	Lower	Upper
85	100		
87	32.7	26.8	40.2

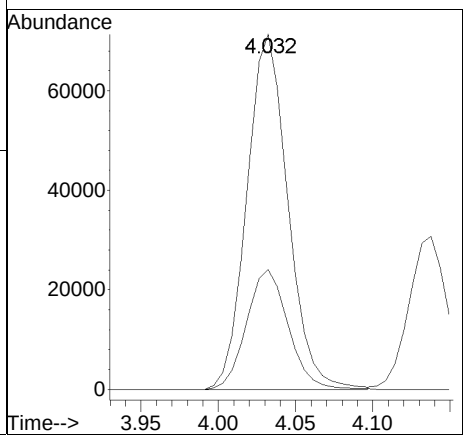


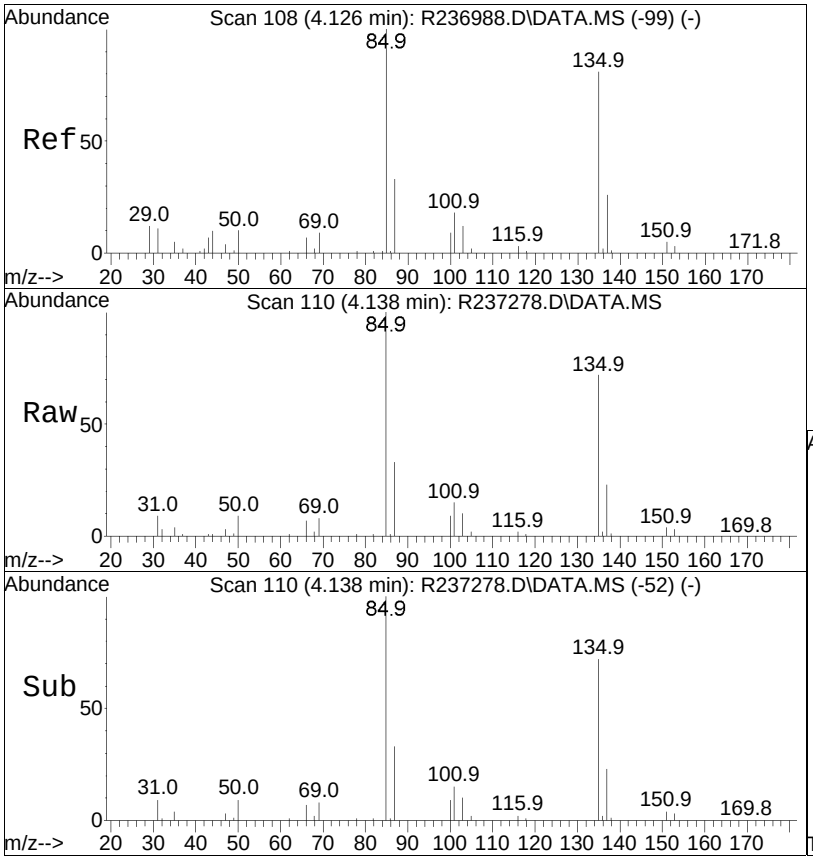


#6
chloromethane
Concen: 10.55 ppbV
RT: 4.032 min Scan# 92
Delta R.T. 0.012 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 50 Resp: 131541

Ion	Ratio	Lower	Upper
50	100		
52	33.7	26.8	40.2

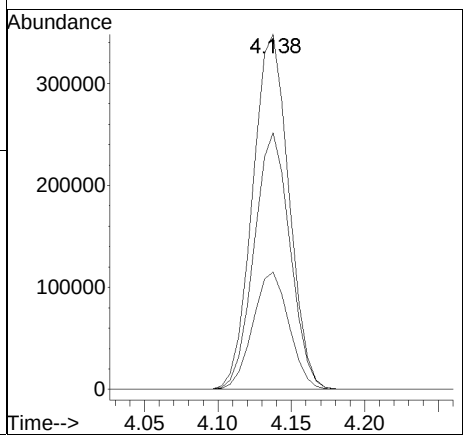


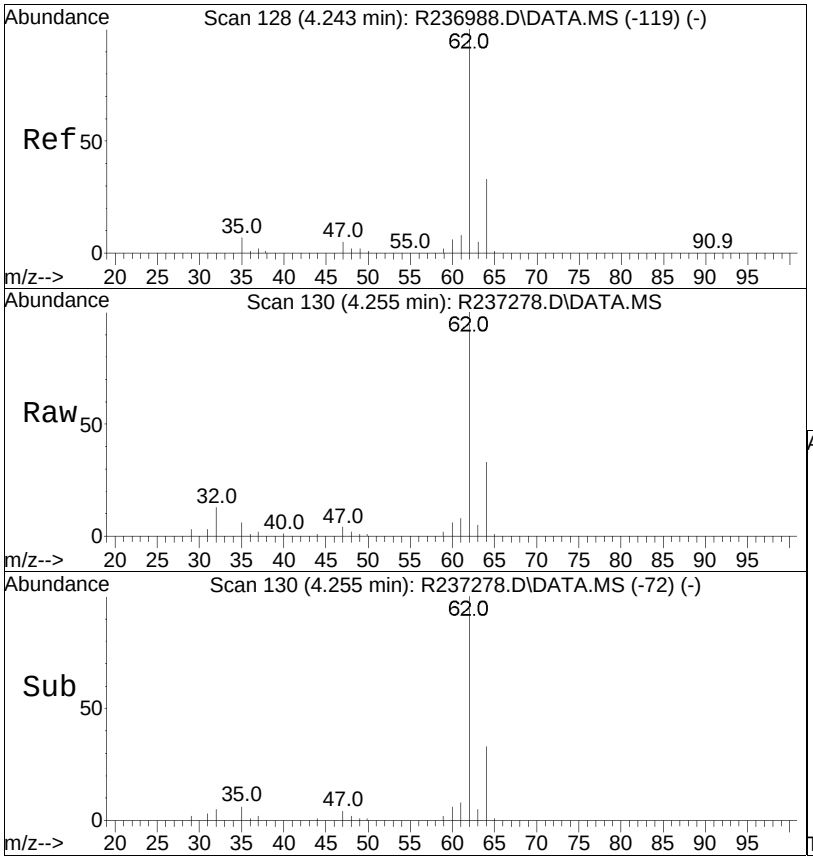


#7
Freon-114
Concen: 11.11 ppbV
RT: 4.138 min Scan# 110
Delta R.T. 0.012 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 85 Resp: 598497

Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.5	39.7
135	72.3	64.6	97.0

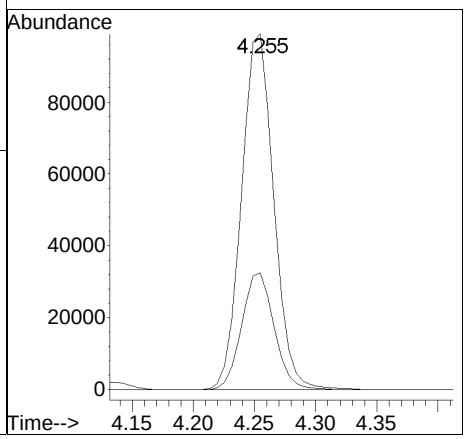


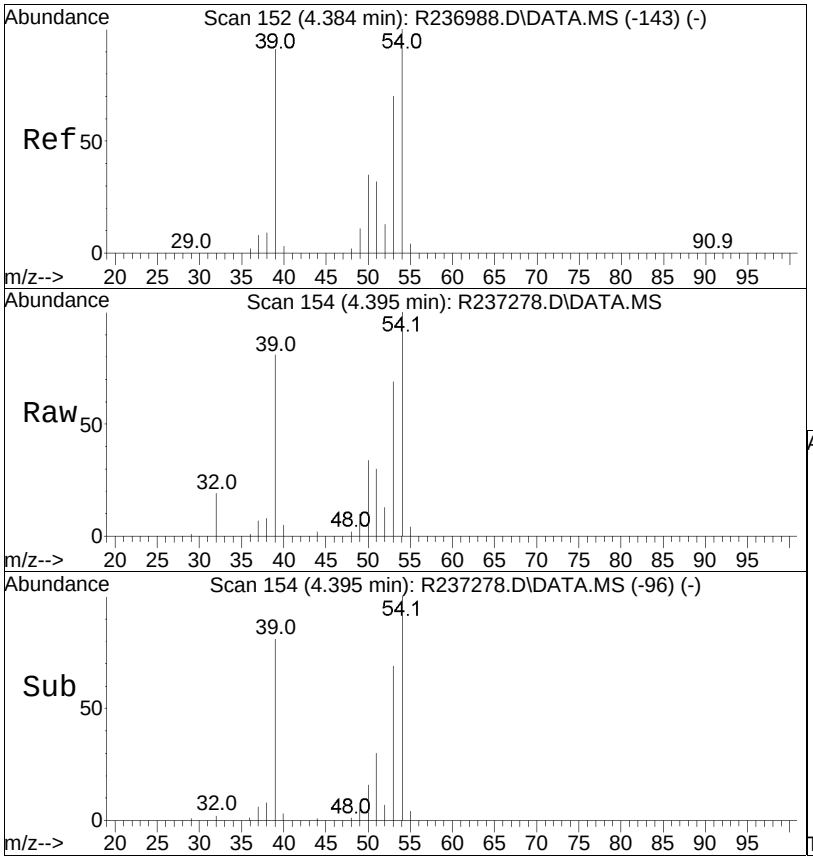


#9
vinyl chloride
Concen: 10.94 ppbV
RT: 4.255 min Scan# 130
Delta R.T. 0.012 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 62 Resp: 181055

Ion	Ratio	Lower	Upper
62	100		
64	32.8	26.1	39.1

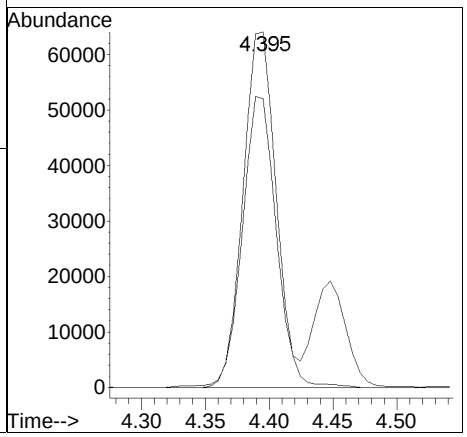


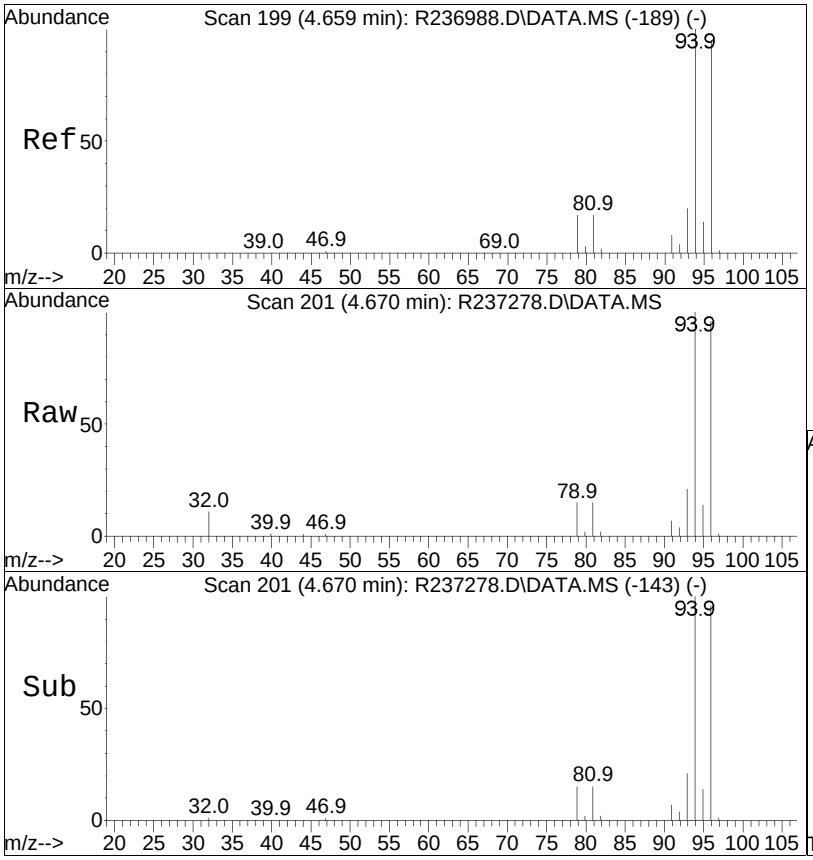


#10
1,3-butadiene
Concen: 10.91 ppbV
RT: 4.395 min Scan# 154
Delta R.T. 0.012 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 54 Resp: 116111

Ion	Ratio	Lower	Upper
54	100		
39	81.3	73.1	109.7

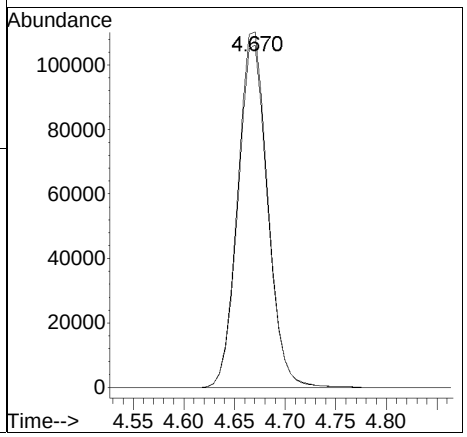


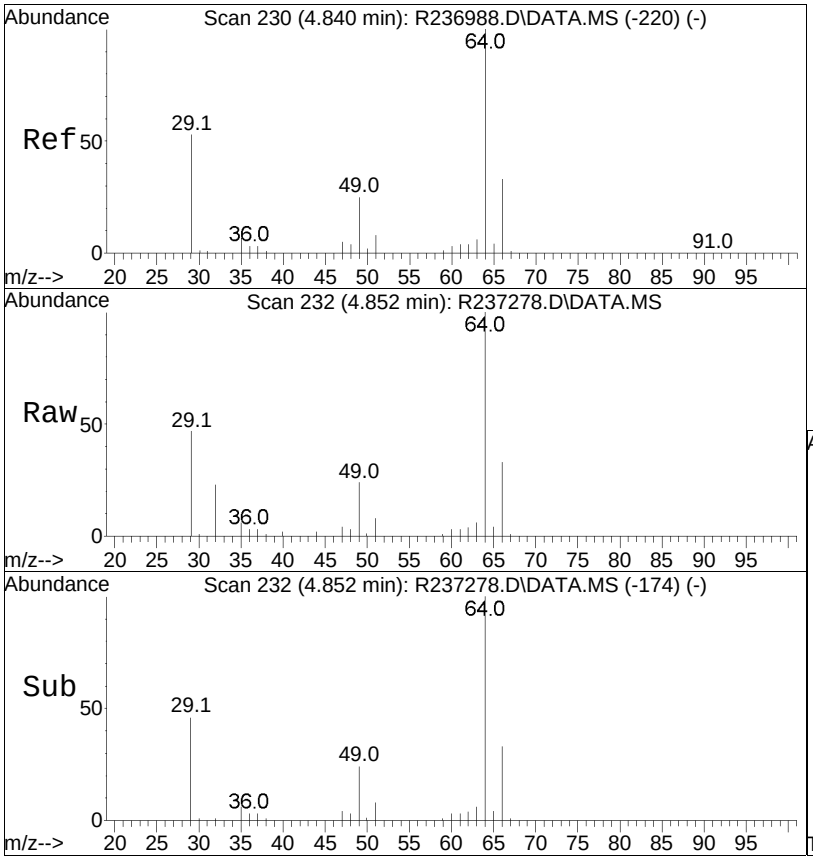


#13
bromomethane
Concen: 11.23 ppbV
RT: 4.670 min Scan# 201
Delta R.T. 0.012 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 94 Resp: 227071

Ion	Ratio	Lower	Upper
94	100		
96	96.4	76.1	114.1

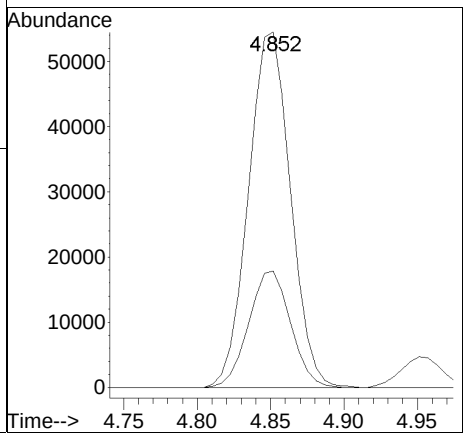


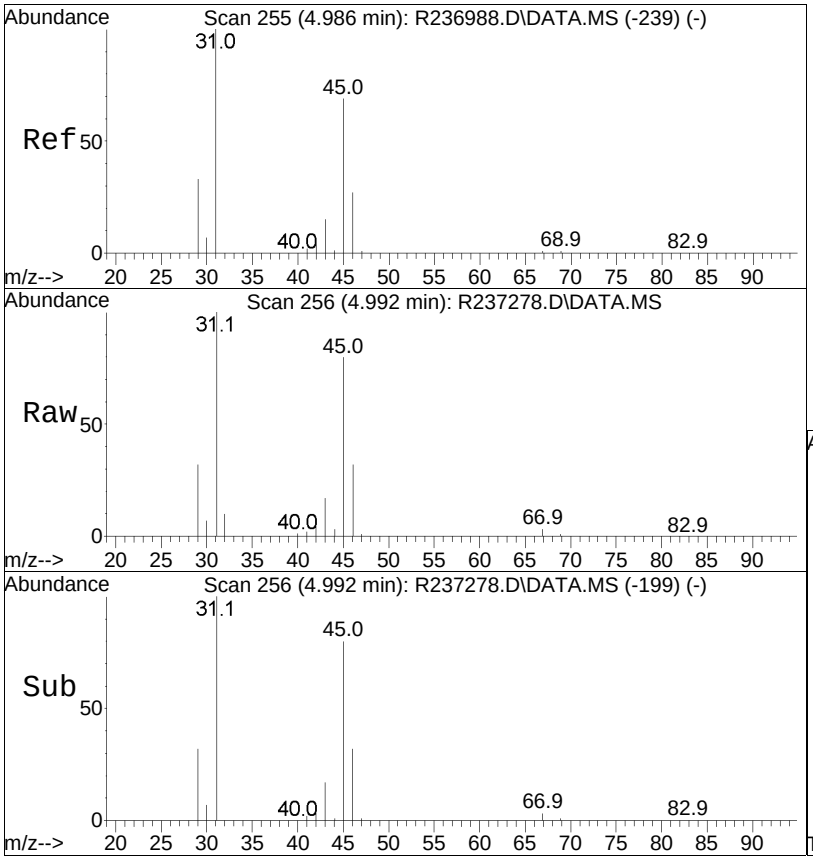


#14
chloroethane
Concen: 11.15 ppbV
RT: 4.852 min Scan# 232
Delta R.T. 0.012 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 64 Resp: 108251

Ion	Ratio	Lower	Upper
64	100		
66	32.8	26.0	39.0

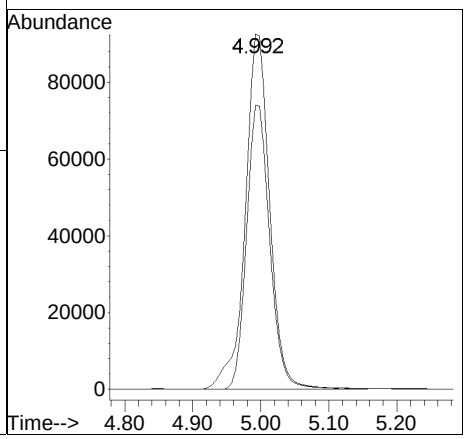


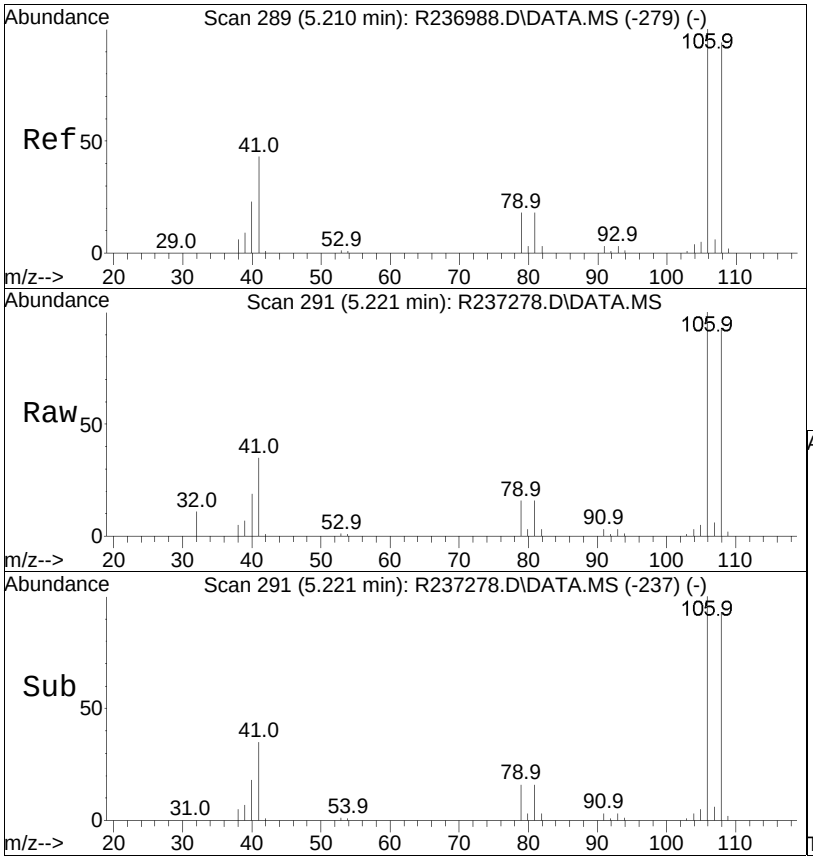


#15
ethanol
Concen: 40.11 ppbV
RT: 4.992 min Scan# 256
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 31 Resp: 257106

Ion	Ratio	Lower	Upper
31	100		
45	80.1	55.0	82.6

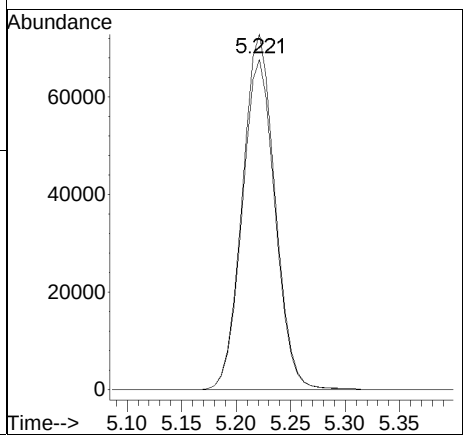


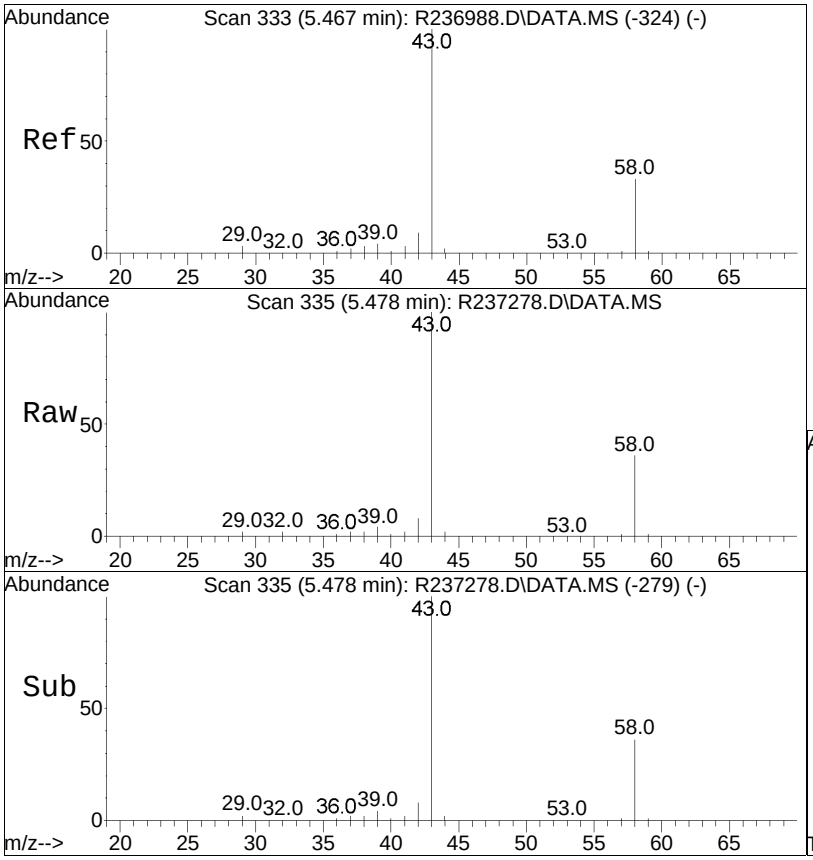


#17
vinyl bromide
Concen: 9.89 ppbV
RT: 5.221 min Scan# 291
Delta R.T. 0.011 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:106 Resp: 151672

Ion	Ratio	Lower	Upper
106	100		
108	92.9	75.4	113.2

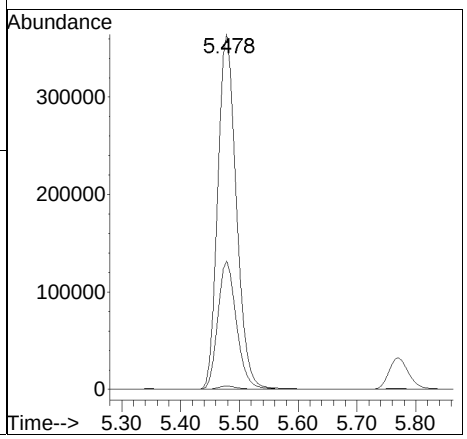


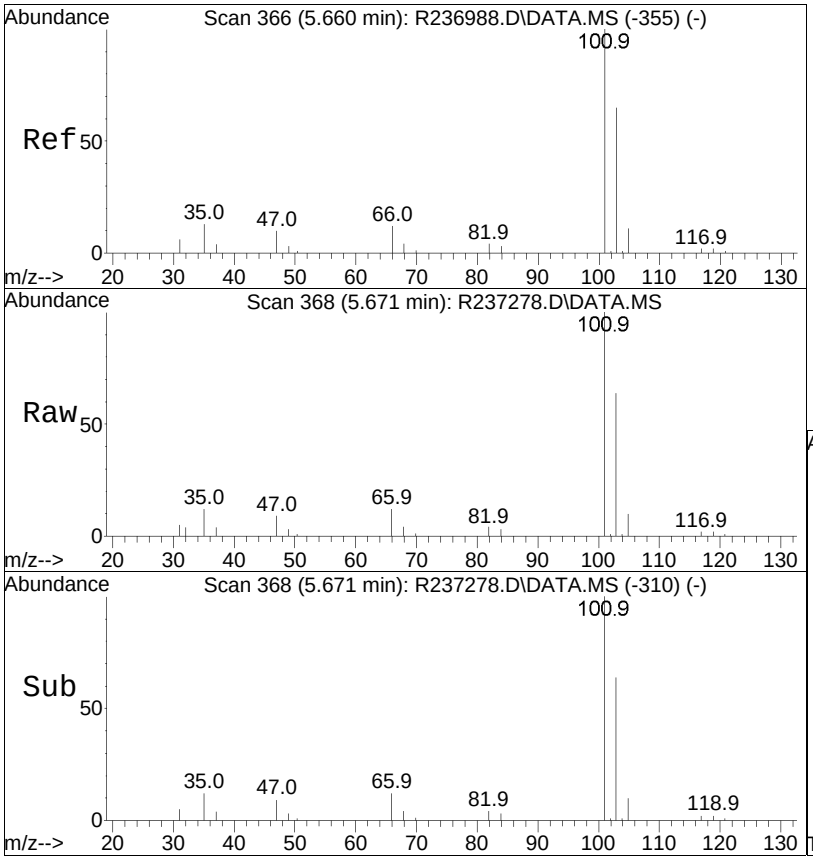


#19
acetone
Concen: 49.51 ppbV
RT: 5.478 min Scan# 335
Delta R.T. 0.011 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 43 Resp: 803781

Ion	Ratio	Lower	Upper
43	100		
58	36.2	26.2	39.4
57	0.9	0.7	1.1

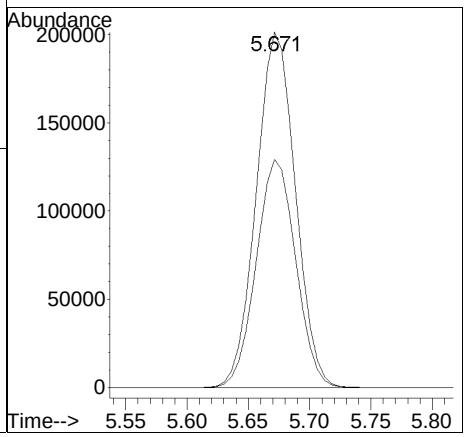


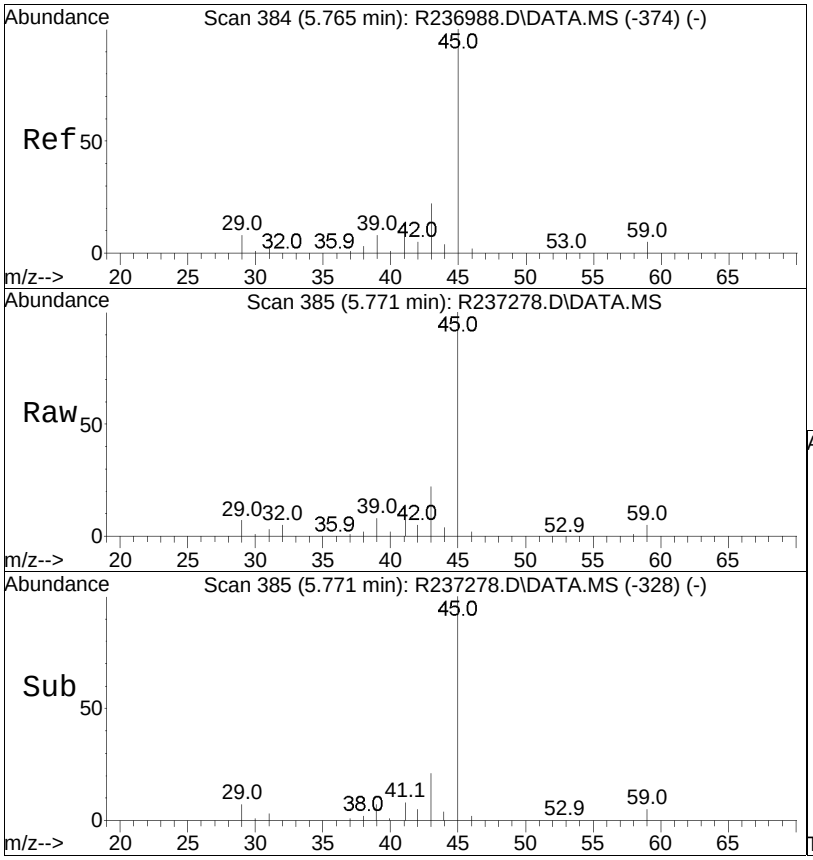


#21
trichlorofluoromethane
Concen: 9.32 ppbV
RT: 5.671 min Scan# 368
Delta R.T. 0.011 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:101 Resp: 446917

Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.1	78.1

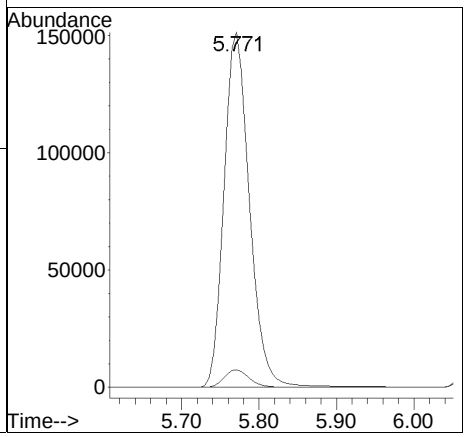


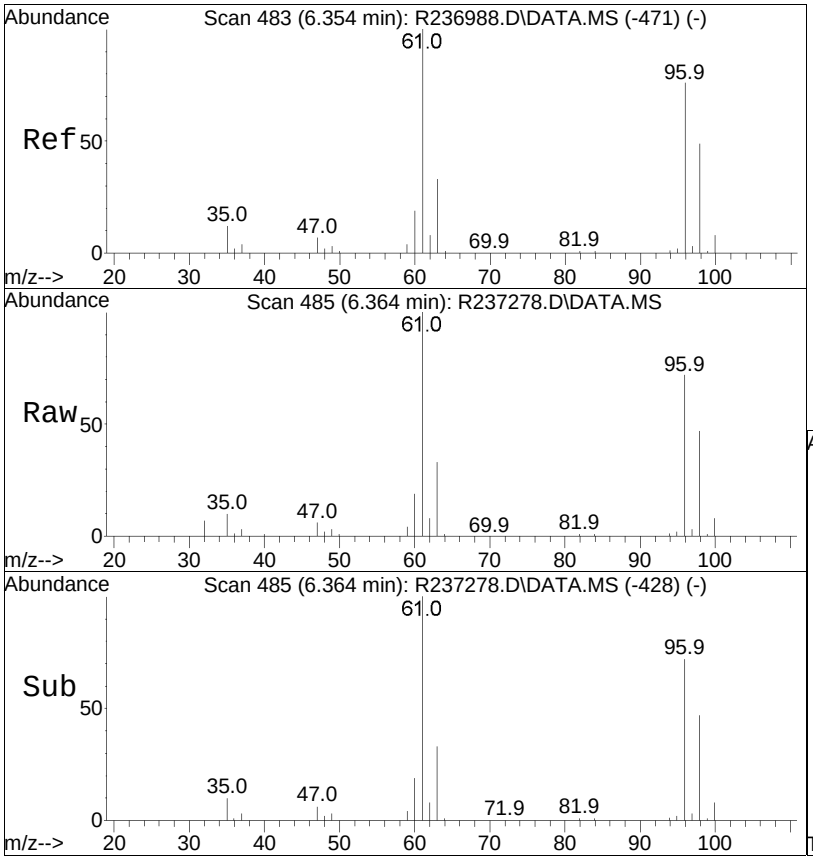


#22
isopropyl alcohol
Concen: 20.31 ppbV
RT: 5.771 min Scan# 385
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 45 Resp: 347097

Ion	Ratio	Lower	Upper
45	100		
59	5.0	3.8	5.6

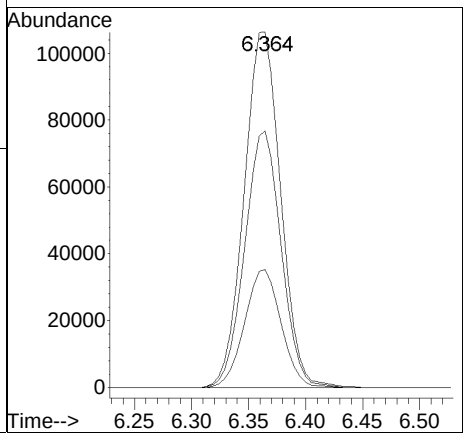


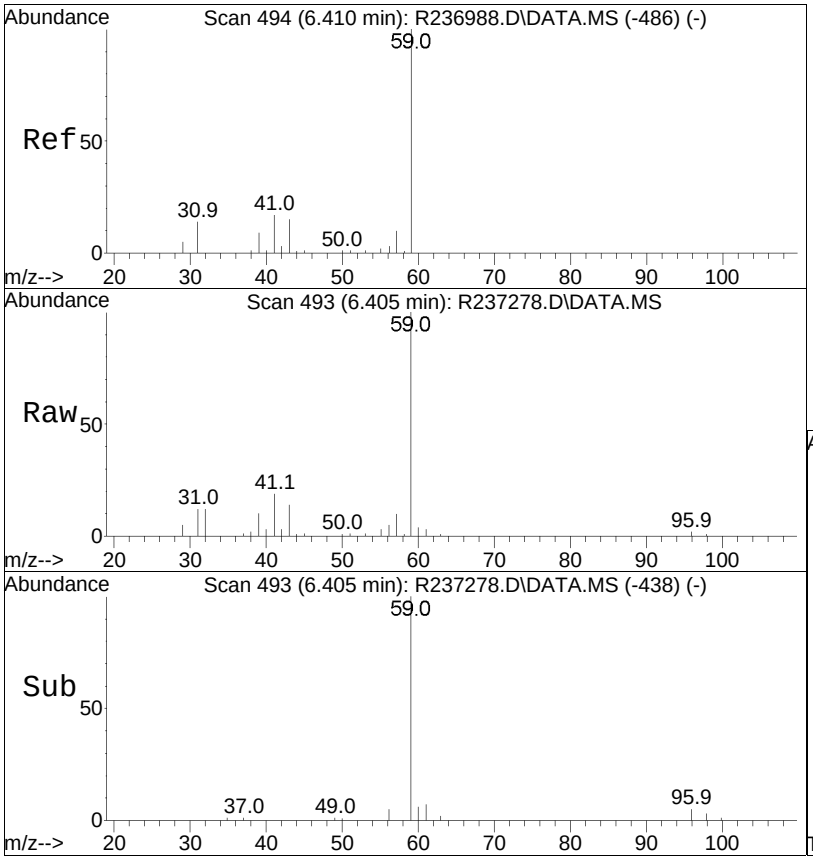


#26
1,1-dichloroethene
Concen: 10.95 ppbV
RT: 6.364 min Scan# 485
Delta R.T. 0.010 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 61 Resp: 280410

Ion	Ratio	Lower	Upper
61	100		
96	72.1	60.8	91.2
63	33.1	26.6	40.0

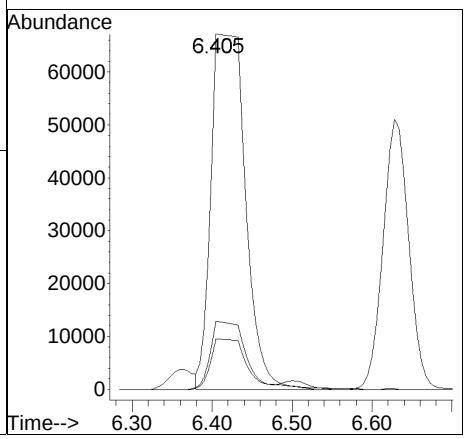


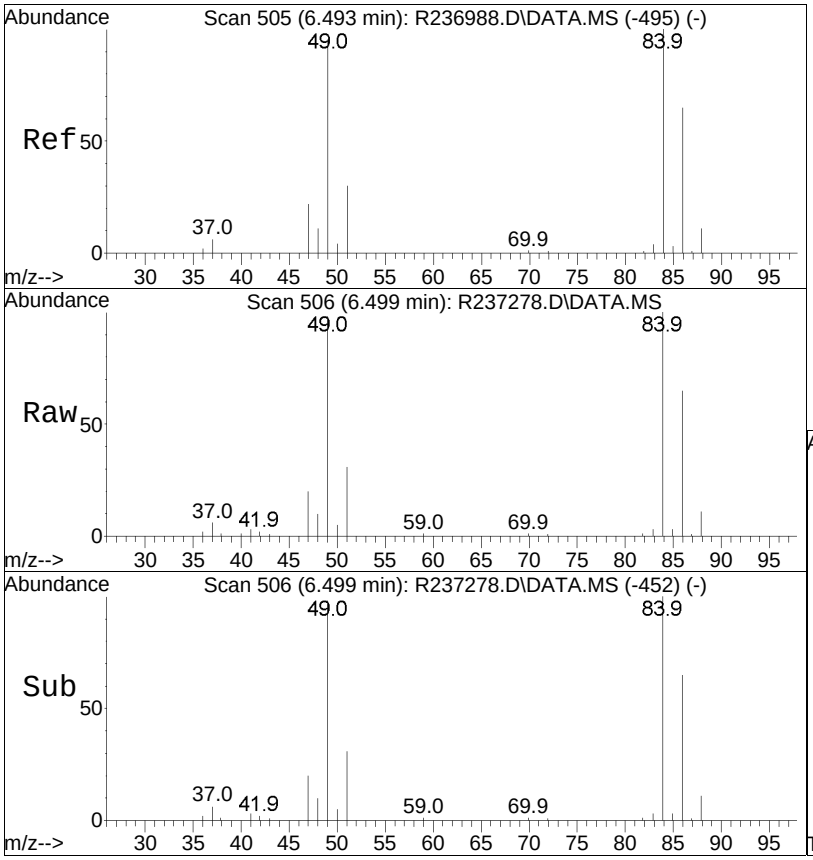


#27
tertiary butyl alcohol
Concen: 6.13 ppbV
RT: 6.405 min Scan# 493
Delta R.T. -0.005 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 59 Resp: 131455

Ion	Ratio	Lower	Upper
59	100		
41	19.2	13.6	20.4
43	14.2	11.7	17.5

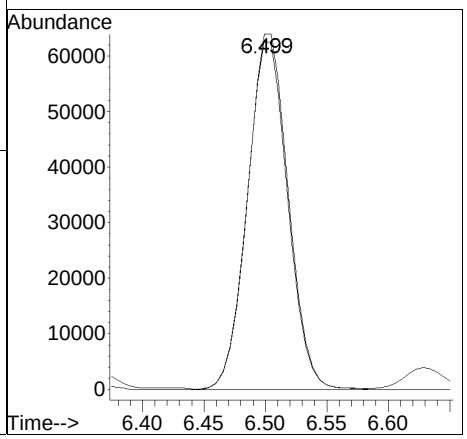


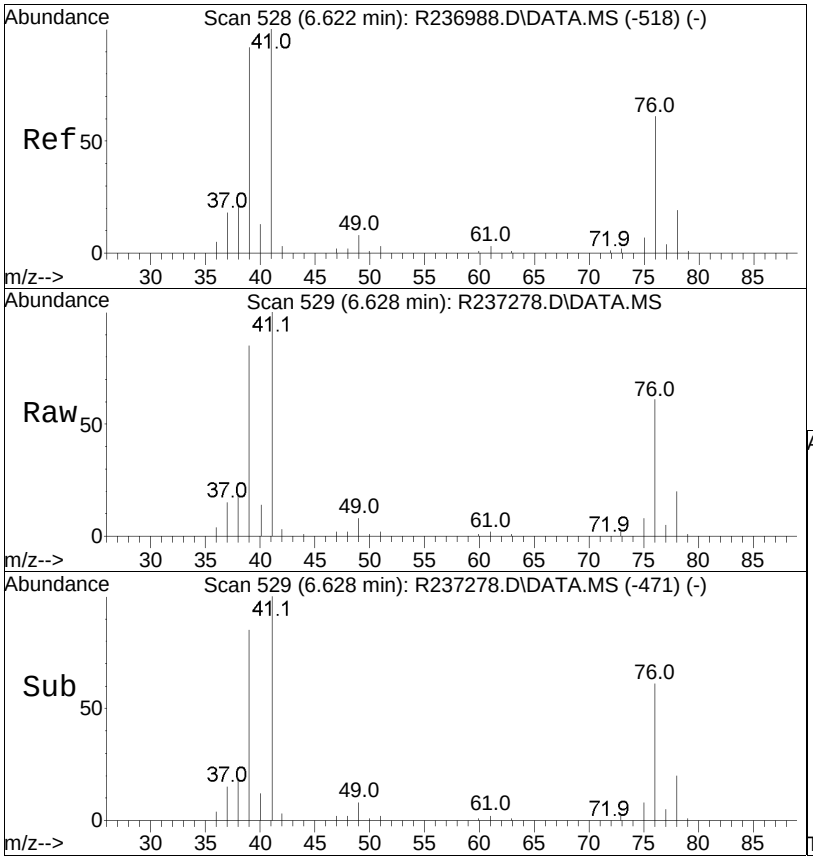


#28
methylene chloride
Concen: 9.94 ppbV
RT: 6.499 min Scan# 506
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 49 Resp: 143398

Ion	Ratio	Lower	Upper
49	100		
84	101.8	83.7	125.5

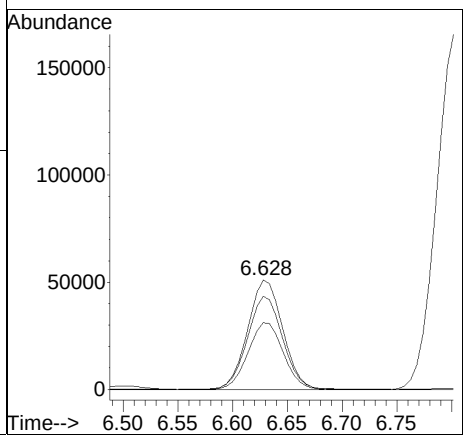


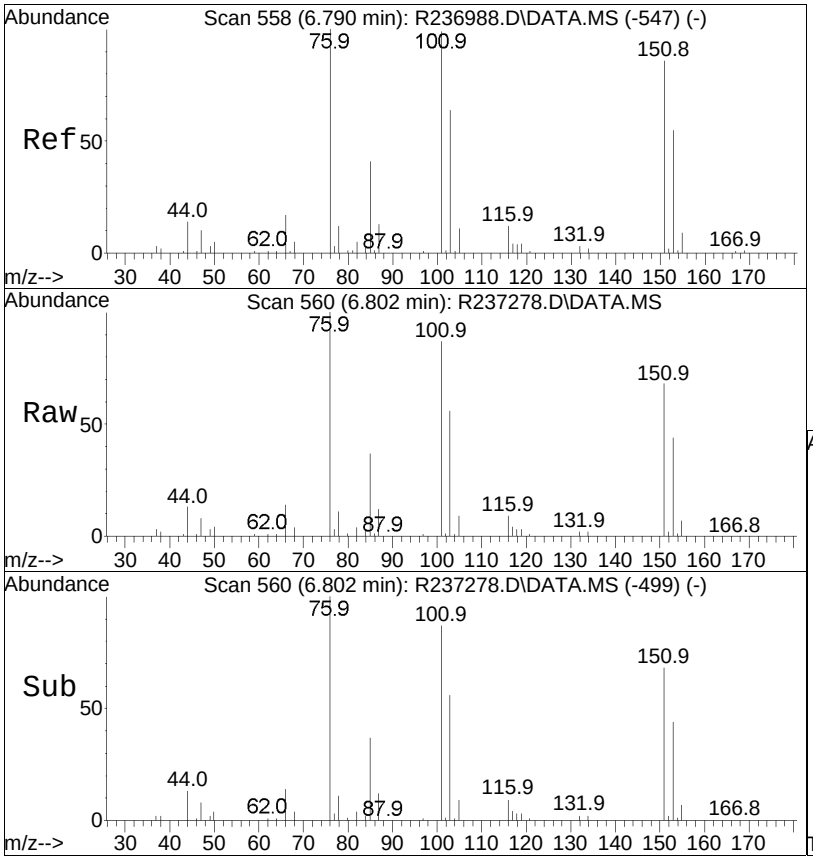


#29
3-chloropropene
Concen: 9.80 ppbV
RT: 6.628 min Scan# 529
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 41 Resp: 113835

Ion	Ratio	Lower	Upper
41	100		
39	85.1	73.8	110.8
76	61.0	48.8	73.2

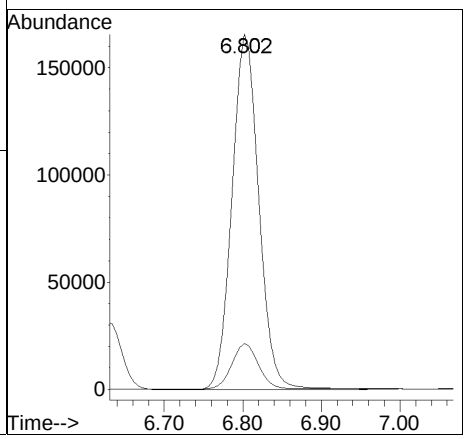


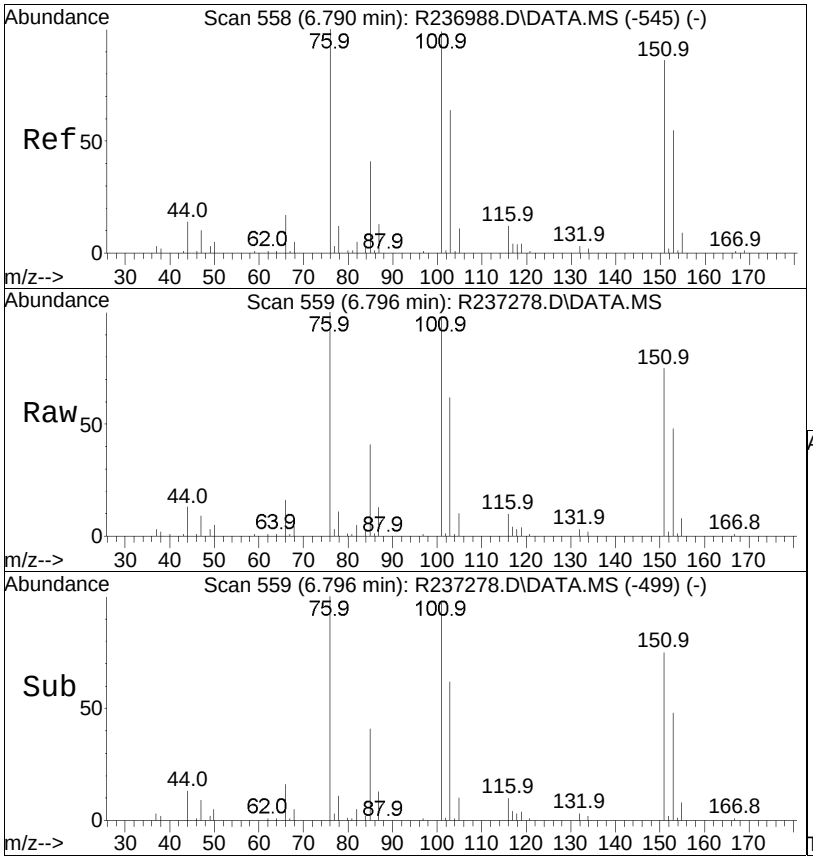


#30
carbon disulfide
Concen: 10.24 ppbV
RT: 6.802 min Scan# 560
Delta R.T. 0.011 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 76 Resp: 392929

Ion	Ratio	Lower	Upper
76	100		
44	12.9	11.5	17.3

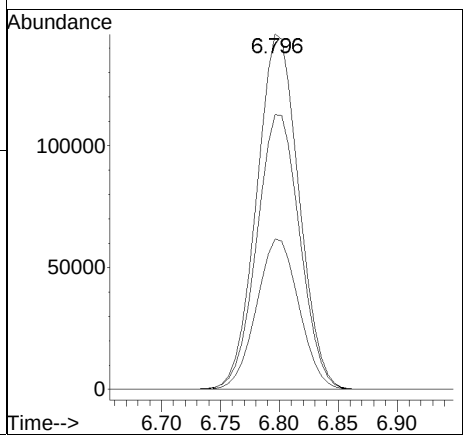


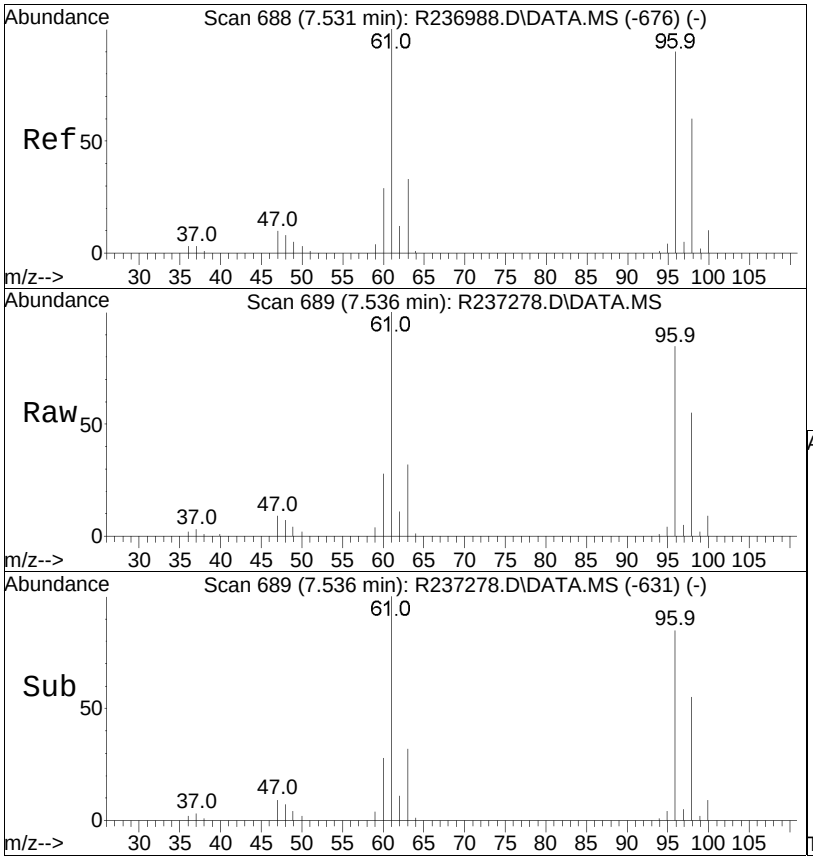


#31
Freon 113
Concen: 9.44 ppbV
RT: 6.796 min Scan# 559
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:101 Resp: 363349

Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.0	49.6
151	77.3	69.8	104.8

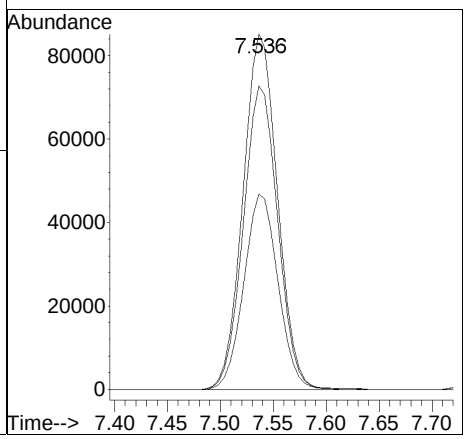


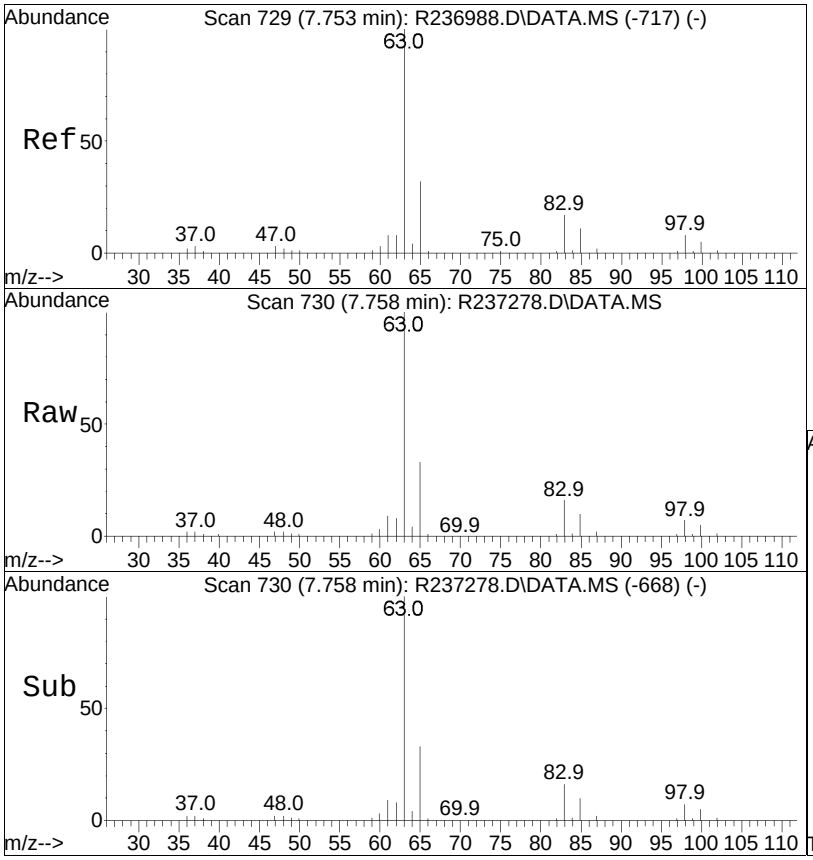


#32
trans-1,2-dichloroethene
Concen: 10.30 ppbV
RT: 7.536 min Scan# 689
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 61 Resp: 193044

Ion	Ratio	Lower	Upper
61	100		
96	85.4	72.4	108.6
98	55.0	47.7	71.5

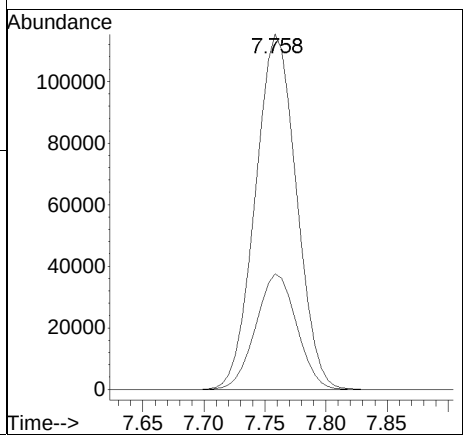


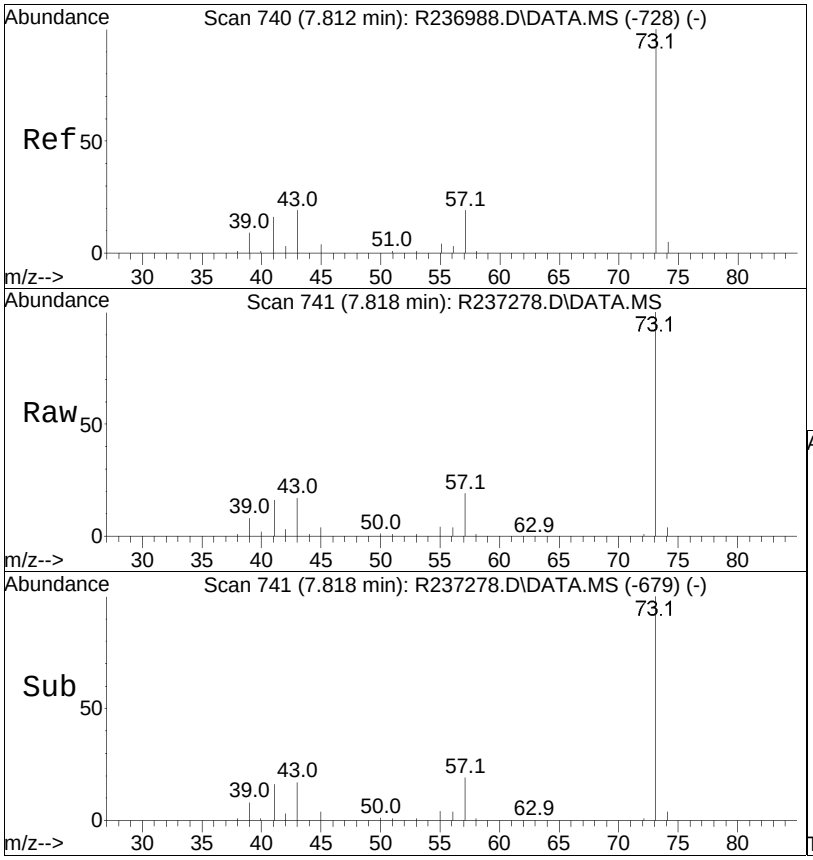


#33
1,1-dichloroethane
Concen: 10.24 ppbV
RT: 7.758 min Scan# 730
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 63 Resp: 270183

Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.8	38.6

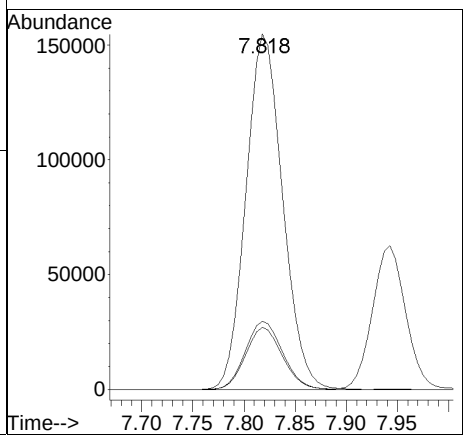


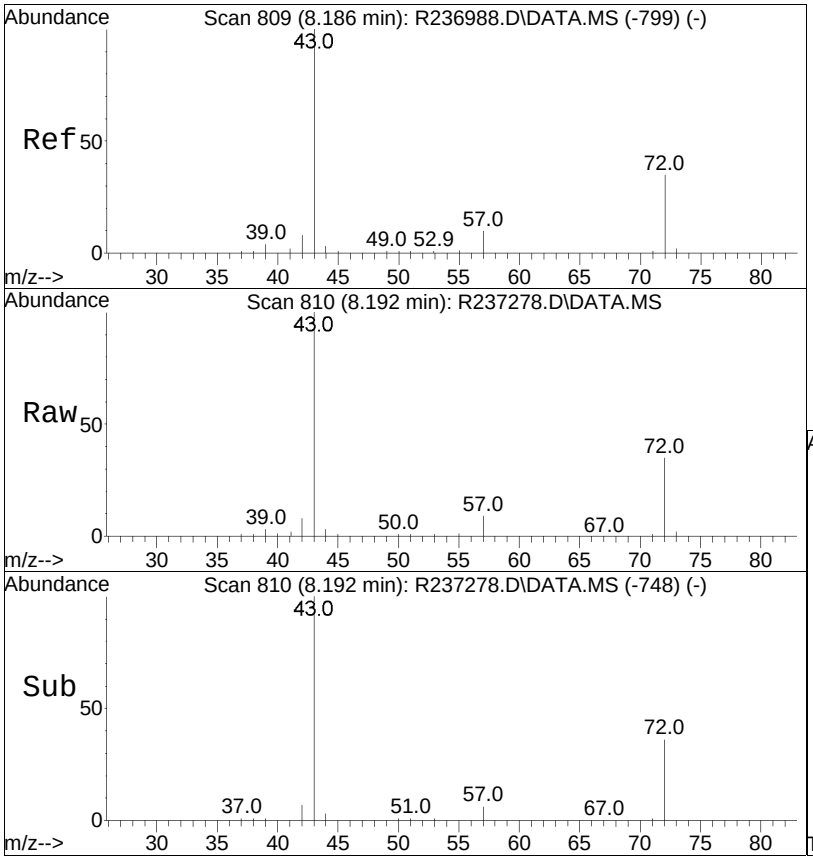


#34
MTBE
Concen: 9.73 ppbV
RT: 7.818 min Scan# 741
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 73 Resp: 385902

Ion	Ratio	Lower	Upper
73	100		
57	19.2	14.8	22.2
43	17.5	15.4	23.2

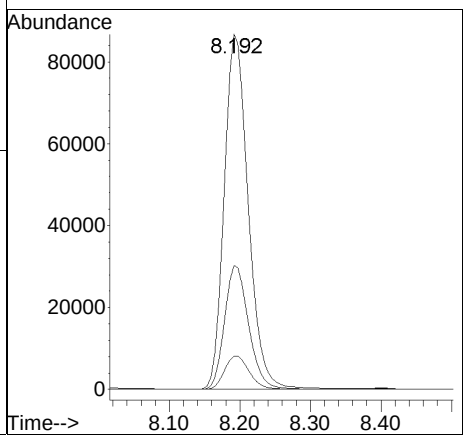


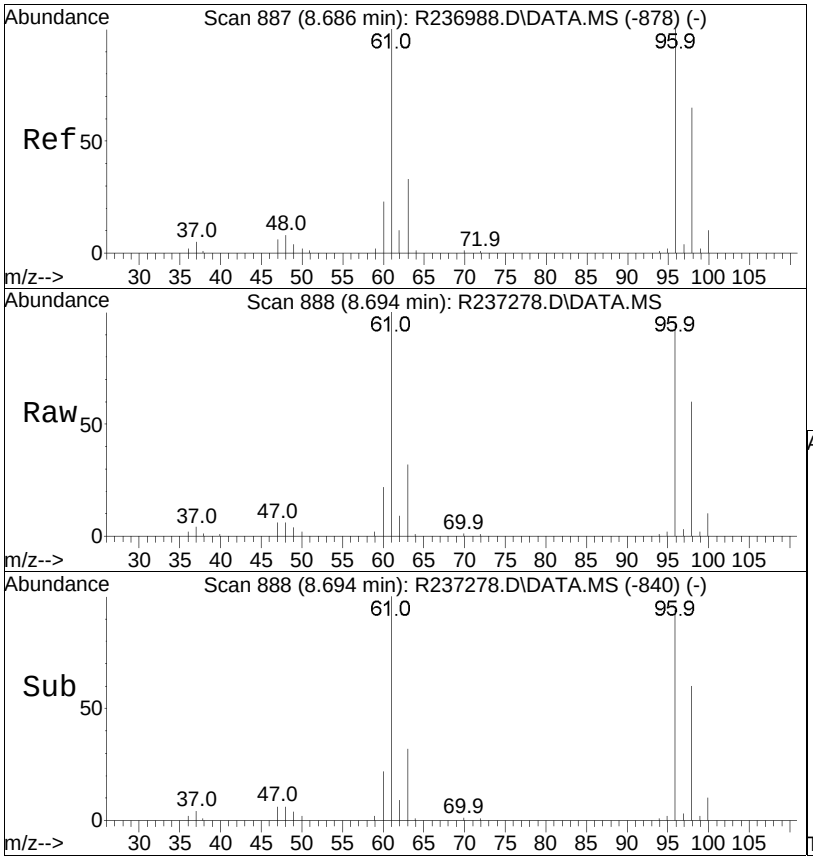


#36
2-butanone
Concen: 9.93 ppbV
RT: 8.192 min Scan# 810
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 43 Resp: 205873

Ion	Ratio	Lower	Upper
43	100		
72	34.9	27.8	41.6
57	9.4	7.7	11.5

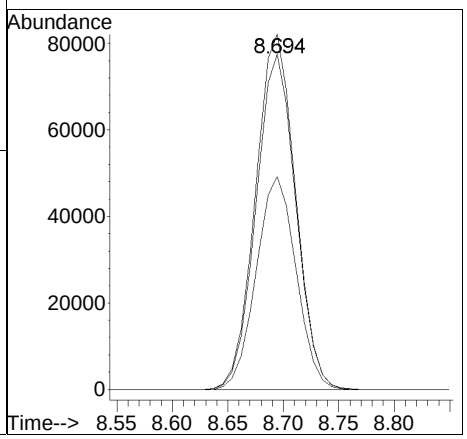


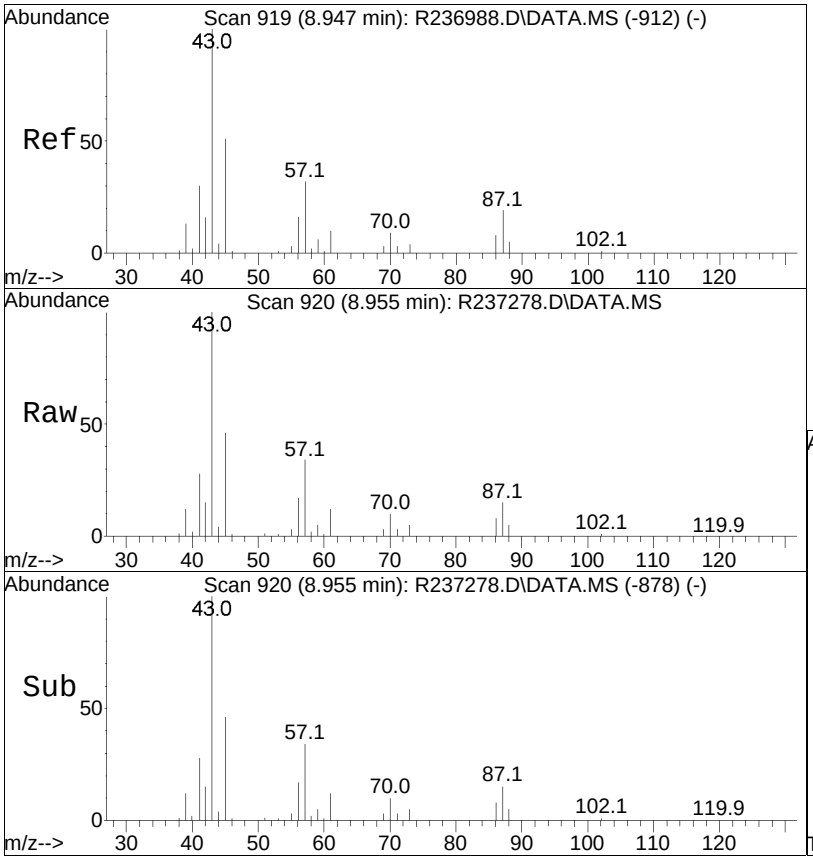


#37
cis-1,2-dichloroethene
Concen: 10.15 ppbV
RT: 8.694 min Scan# 888
Delta R.T. 0.008 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 61 Resp: 205800

Ion	Ratio	Lower	Upper
61	100		
96	94.3	80.2	120.2
98	59.9	51.9	77.9

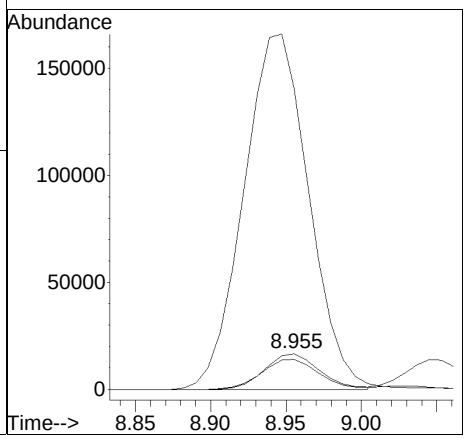


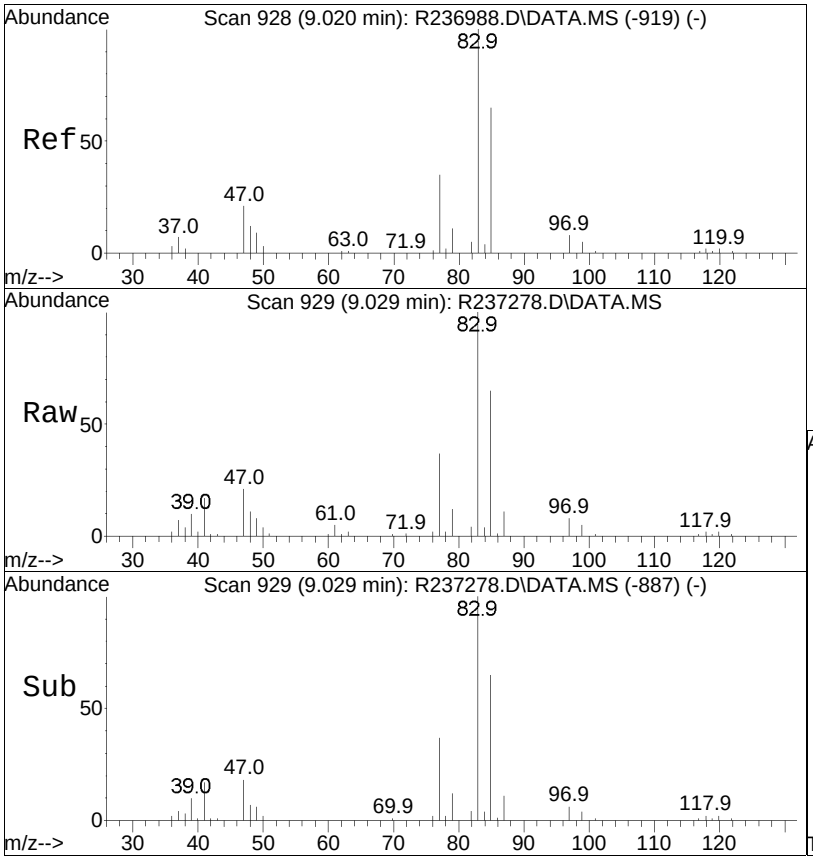


#38
Ethyl Acetate
Concen: 10.92 ppbV
RT: 8.955 min Scan# 920
Delta R.T. 0.008 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 61 Resp: 42334

Ion	Ratio	Lower	Upper
61	100		
70	84.5	72.2	108.2
43	845.7	818.1	1227.1

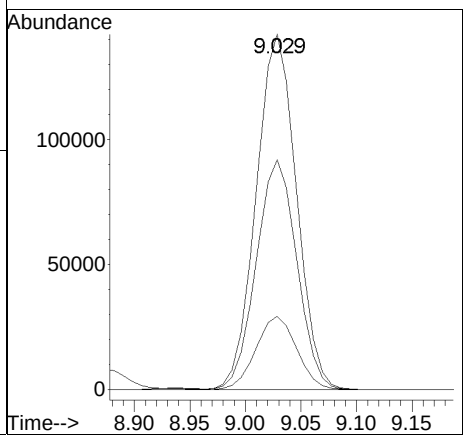


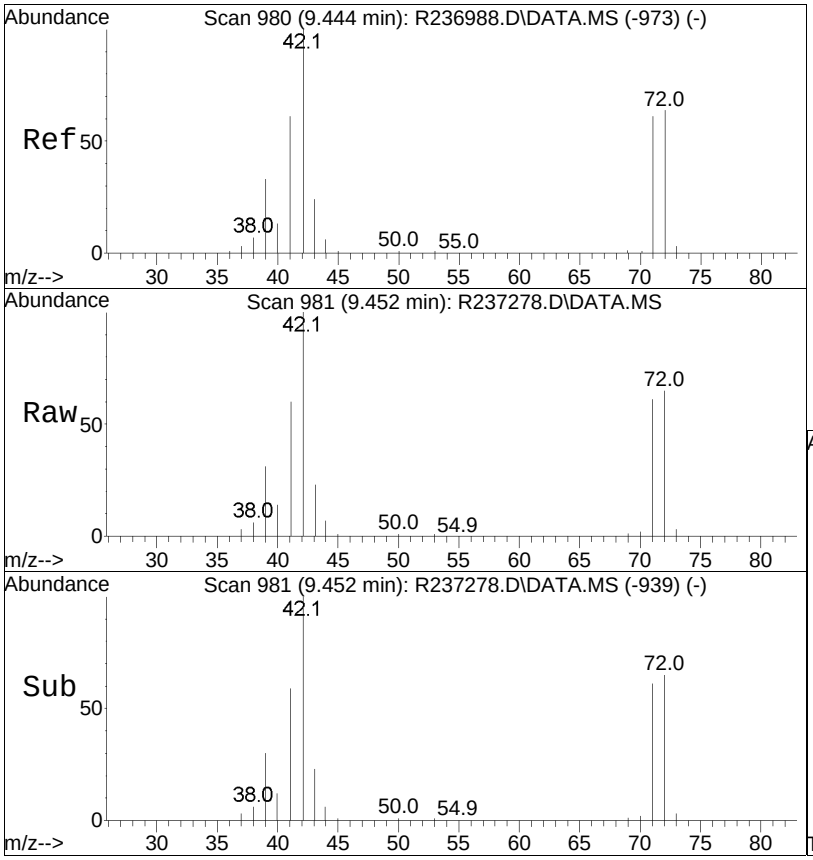


#39
chloroform
Concen: 9.56 ppbV
RT: 9.029 min Scan# 929
Delta R.T. 0.008 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 83 Resp: 358282

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.3	78.5
47	20.6	17.1	25.7

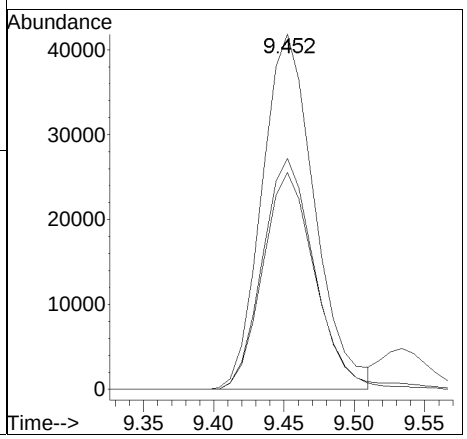


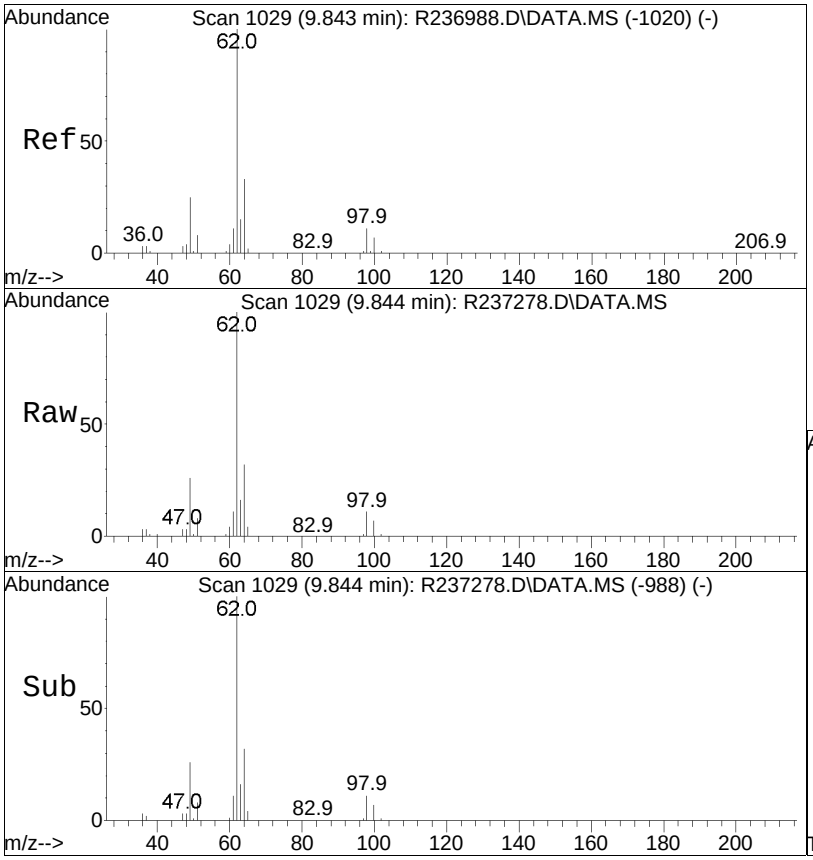


#40
Tetrahydrofuran
Concen: 10.18 ppbV
RT: 9.452 min Scan# 981
Delta R.T. 0.008 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 42 Resp: 108956

Ion	Ratio	Lower	Upper
42	100		
71	61.0	48.6	72.8
72	65.0	51.2	76.8

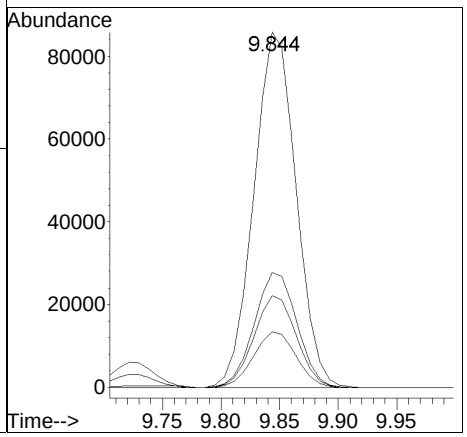


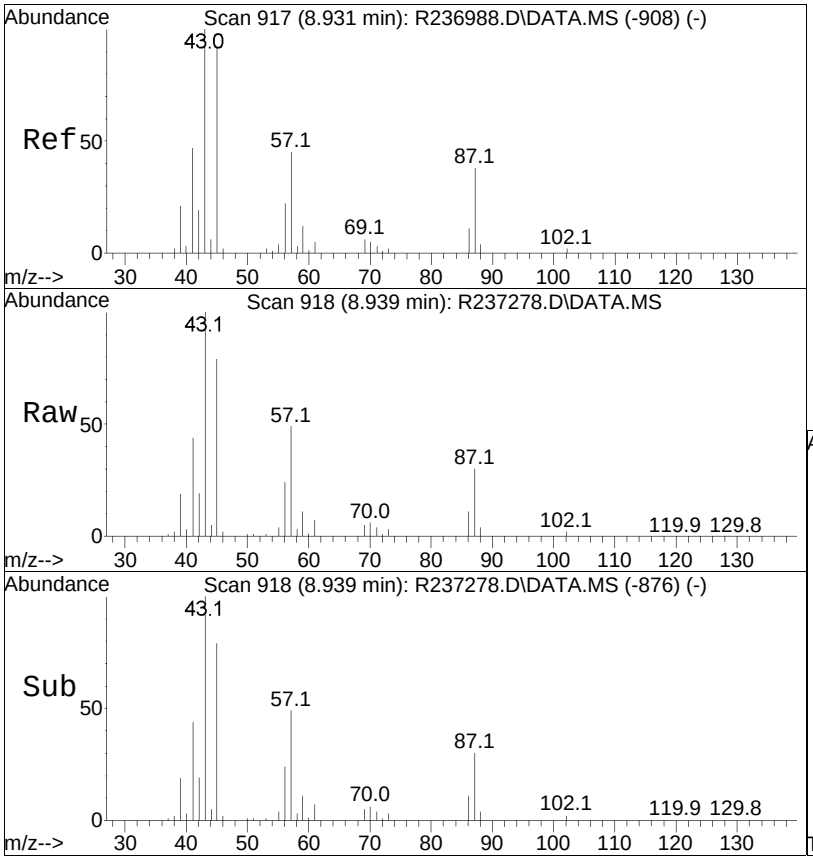


#42
1,2-dichloroethane
Concen: 9.66 ppbV
RT: 9.844 min Scan# 1029
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 62 Resp: 215090

Ion	Ratio	Lower	Upper
62	100		
64	32.3	26.2	39.4
49	25.8	20.2	30.2
63	15.7	12.4	18.6

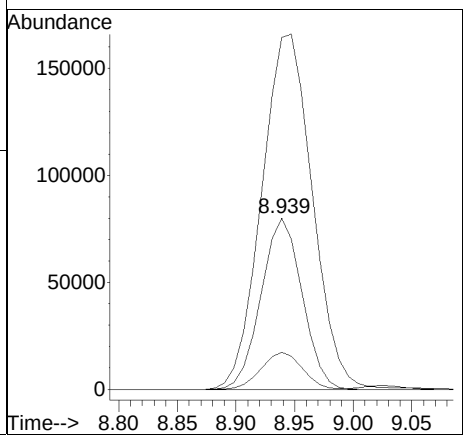


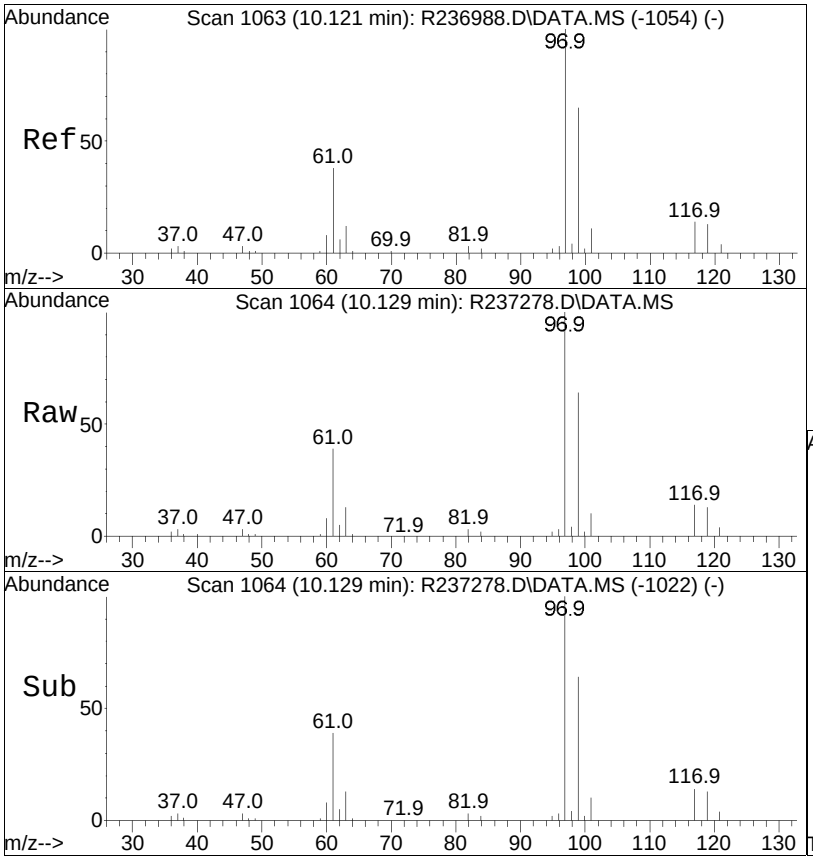


#44
hexane
Concen: 12.44 ppbV
RT: 8.939 min Scan# 918
Delta R.T. 0.008 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 57 Resp: 194856

Ion	Ratio	Lower	Upper
57	100		
43	205.6	177.1	265.7
86	21.8	18.6	28.0

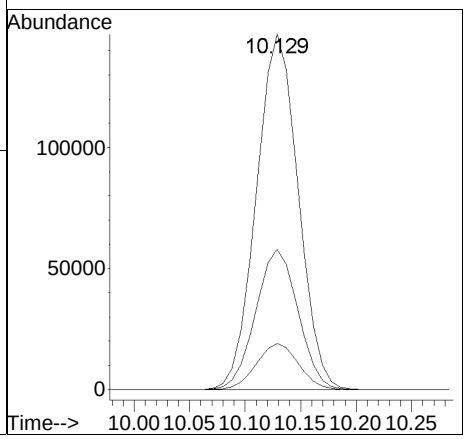


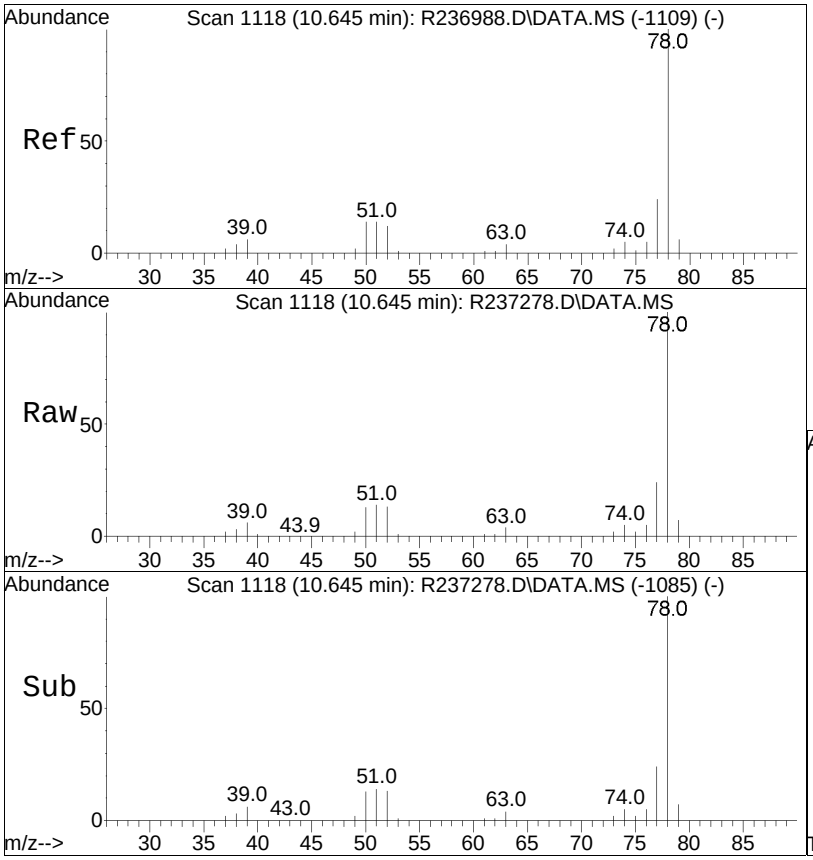


#48
1,1,1-trichloroethane
Concen: 10.60 ppbV
RT: 10.129 min Scan# 1064
Delta R.T. 0.008 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 97 Resp: 384311

Ion	Ratio	Lower	Upper
97	100		
61	39.5	30.1	45.1
119	13.0	10.7	16.1

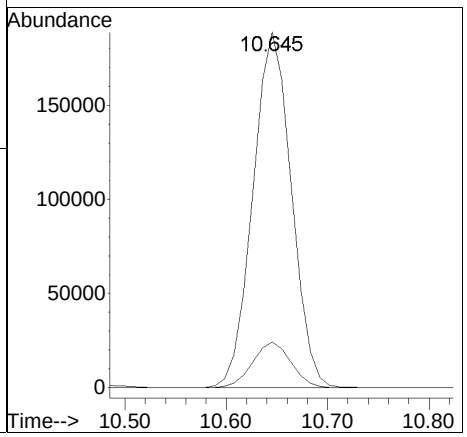


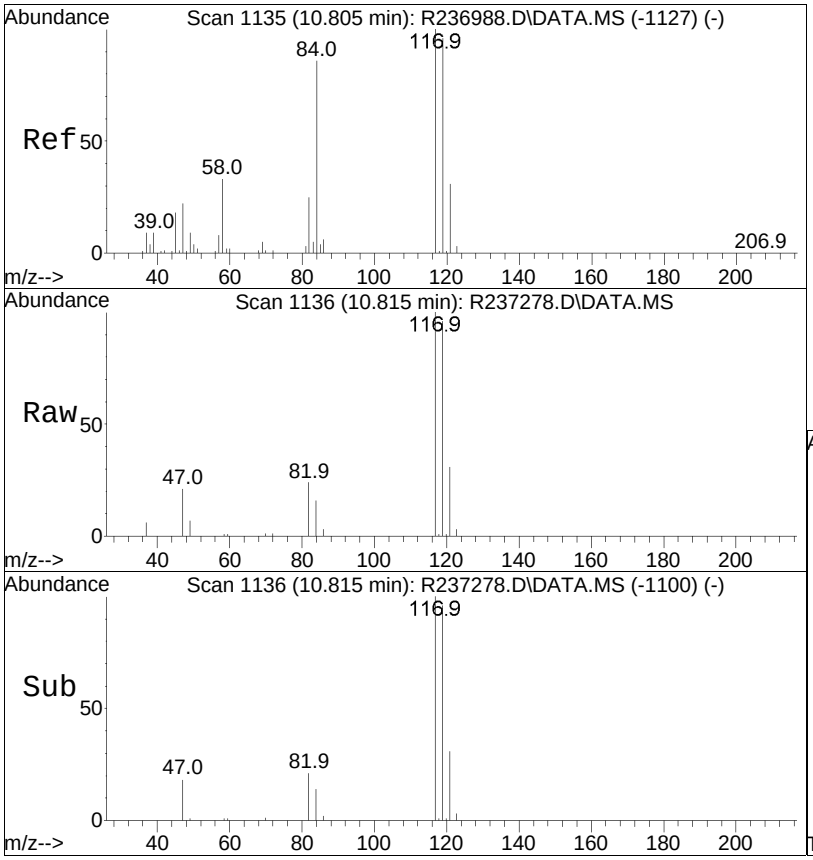


#50
benzene
Concen: 11.58 ppbV
RT: 10.645 min Scan# 1118
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 78 Resp: 497122

Ion	Ratio	Lower	Upper
78	100		
52	12.8	9.9	14.9

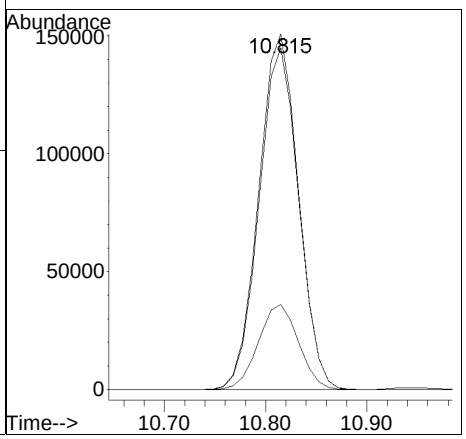


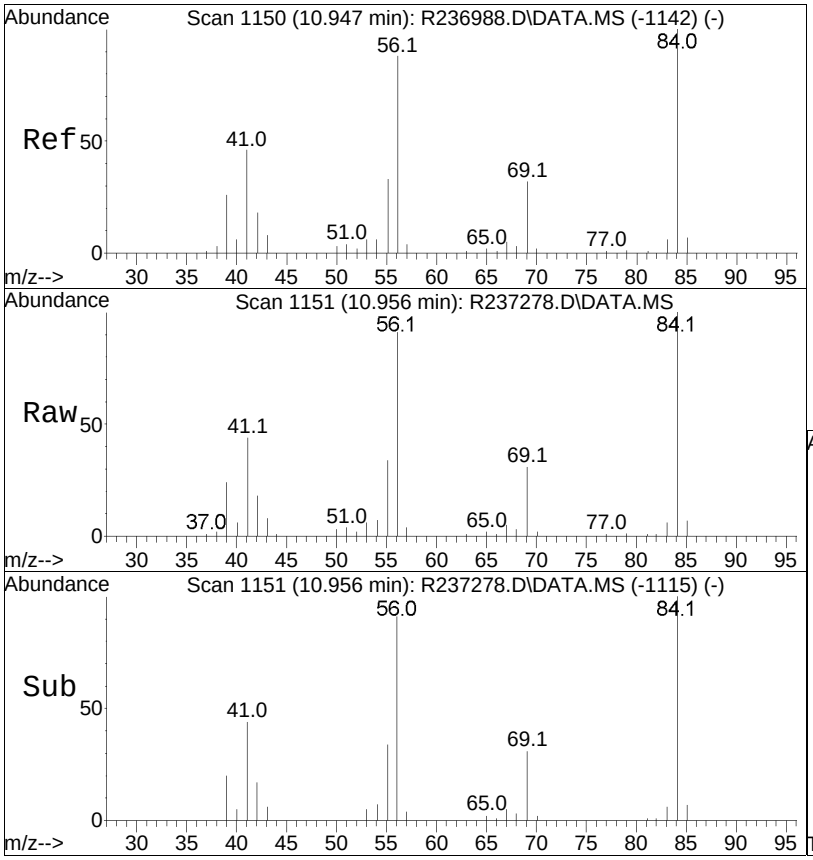


#52
carbon tetrachloride
Concen: 10.32 ppbV
RT: 10.815 min Scan# 1136
Delta R.T. 0.010 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:117 Resp: 410098

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
82	23.9	20.0	30.0

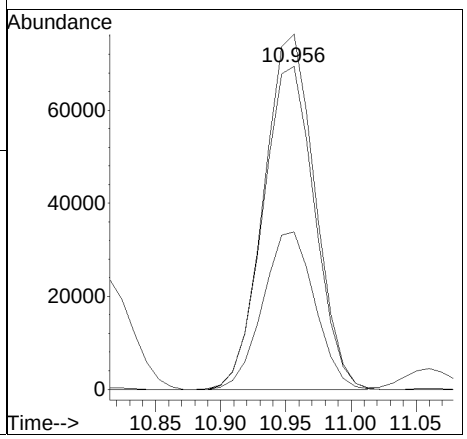


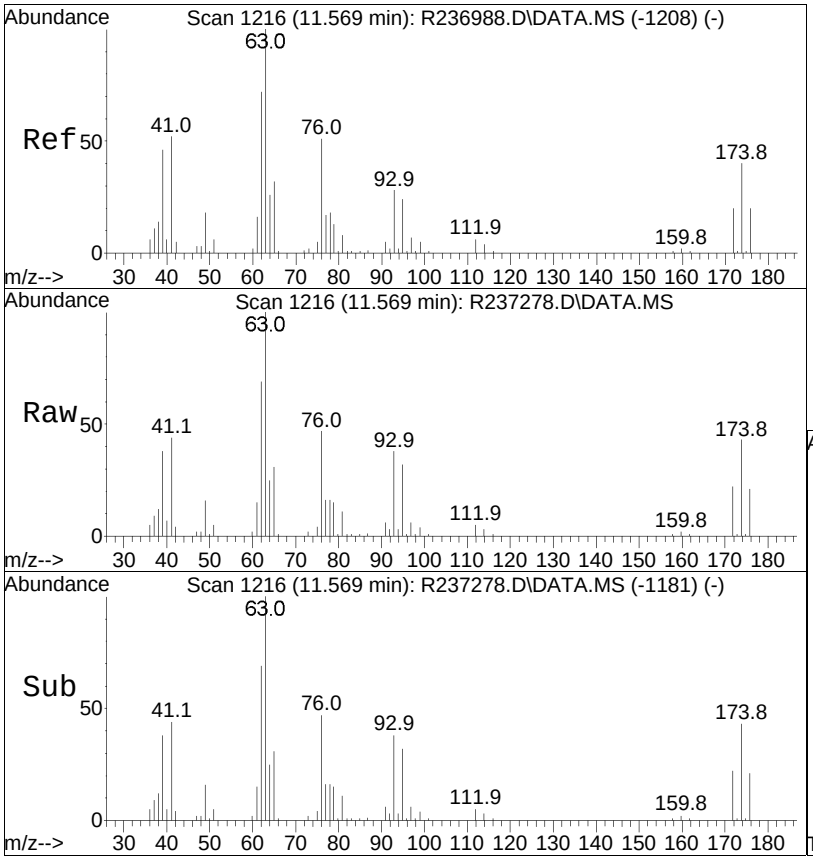


#53
cyclohexane
Concen: 12.21 ppbV
RT: 10.956 min Scan# 1151
Delta R.T. 0.010 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 56 Resp: 192027

Ion	Ratio	Lower	Upper
56	100		
84	110.0	91.1	136.7
41	48.8	42.2	63.2

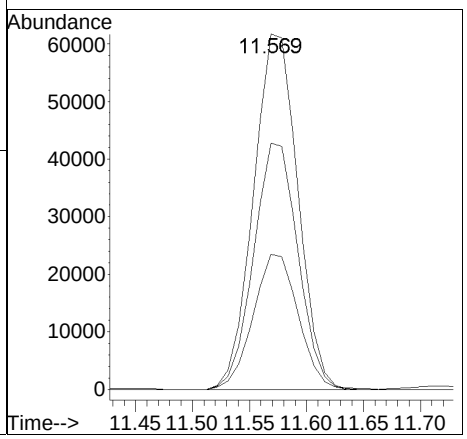


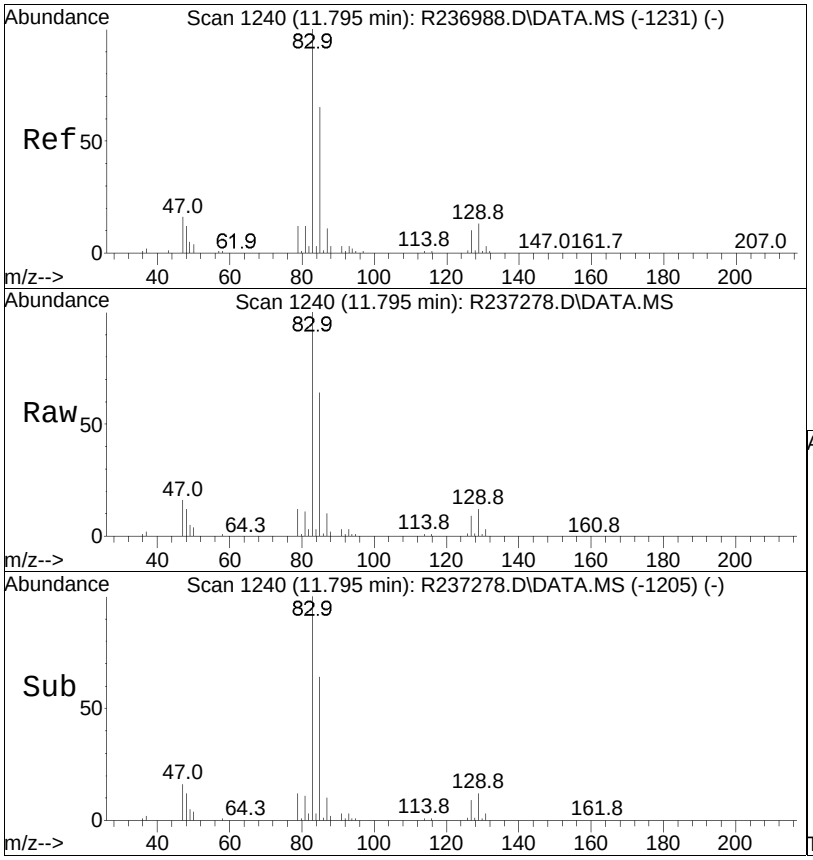


#56
1,2-dichloropropane
Concen: 12.41 ppbV
RT: 11.569 min Scan# 1216
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 63 Resp: 167075

Ion	Ratio	Lower	Upper
63	100		
62	69.3	57.8	86.6
39	38.0	37.0	55.4

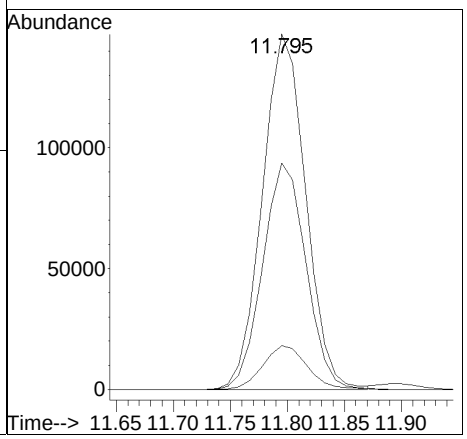


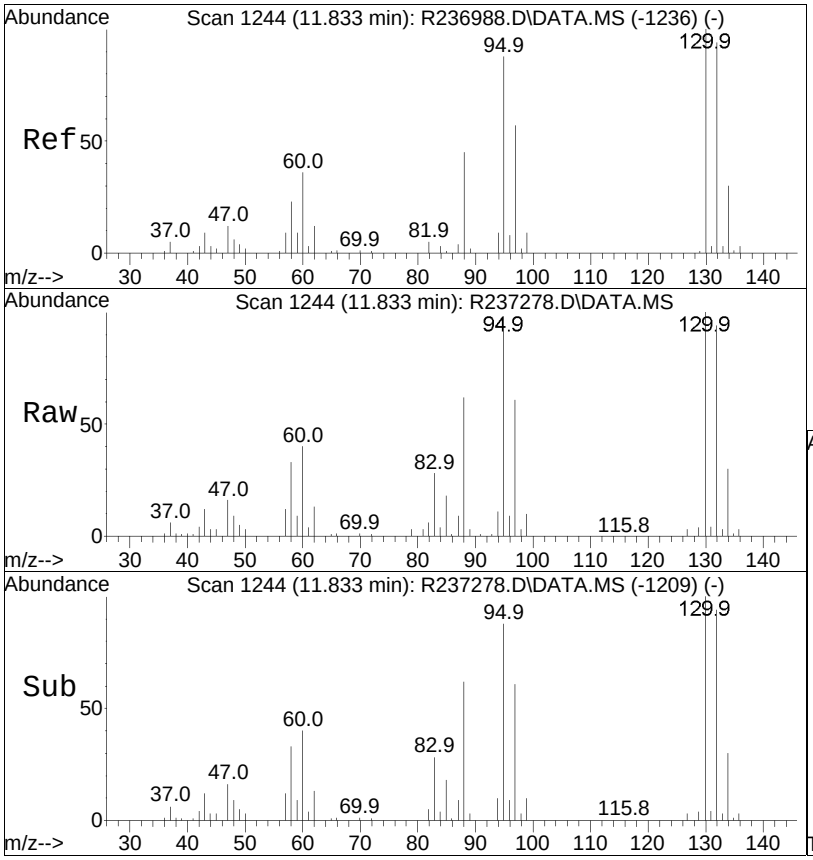


#57
bromodichloromethane
Concen: 11.98 ppbV
RT: 11.795 min Scan# 1240
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 83 Resp: 388476

Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.7	77.5
129	12.3	10.7	16.1

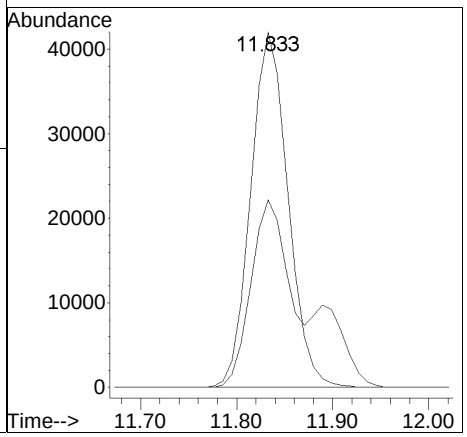


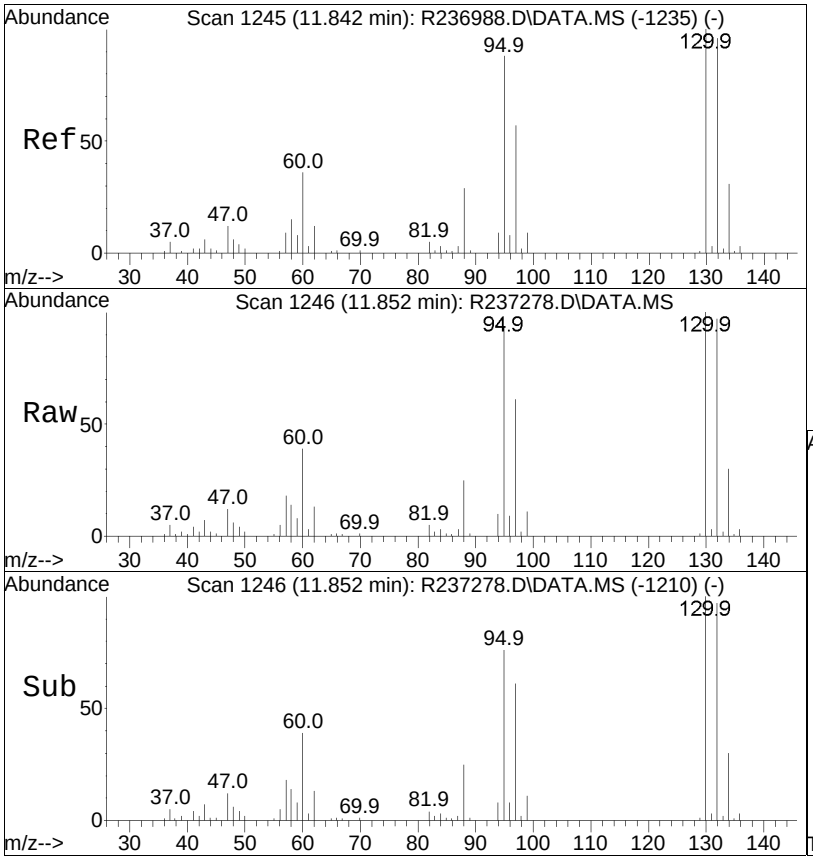


#58
1,4-dioxane
Concen: 11.85 ppbV
RT: 11.833 min Scan# 1244
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 88 Resp: 113203

Ion	Ratio	Lower	Upper
88	100		
58	52.8	40.1	60.1

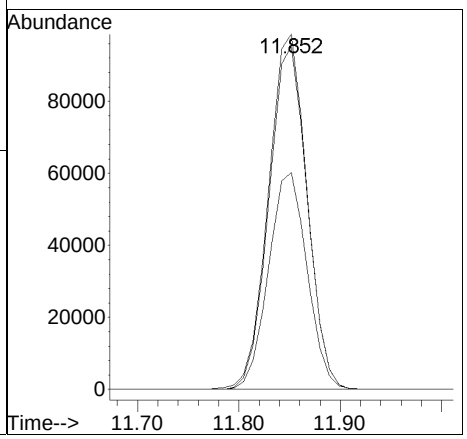


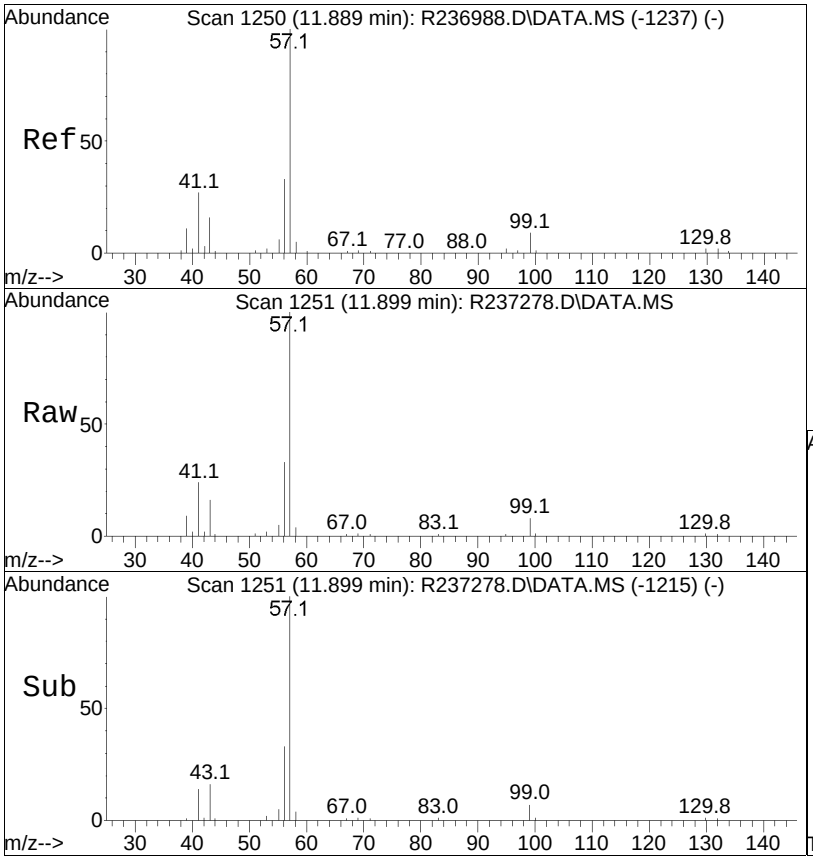


#59
trichloroethene
Concen: 10.17 ppbV
RT: 11.852 min Scan# 1246
Delta R.T. 0.010 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:130 Resp: 260538

Ion	Ratio	Lower	Upper
130	100		
132	96.6	76.7	115.1
97	61.0	45.7	68.5

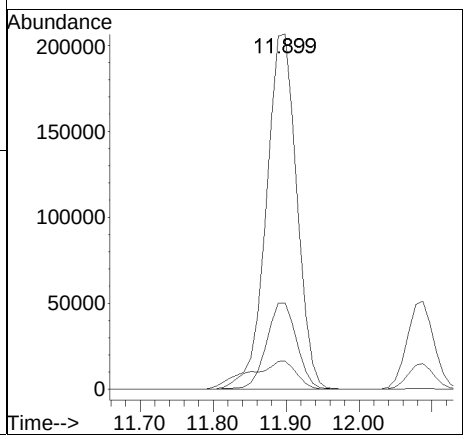


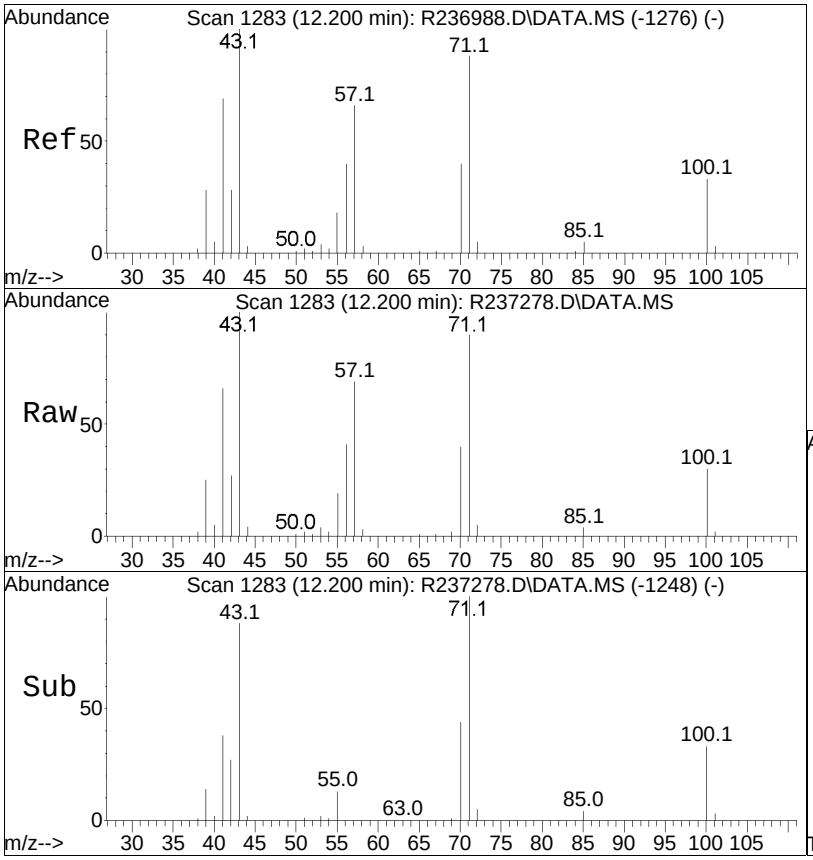


#60
2,2,4-trimethylpentane
Concen: 12.55 ppbV
RT: 11.899 min Scan# 1251
Delta R.T. 0.010 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 57 Resp: 607741

Ion	Ratio	Lower	Upper
57	100		
99	7.9	6.8	10.2
41	24.4	21.8	32.8

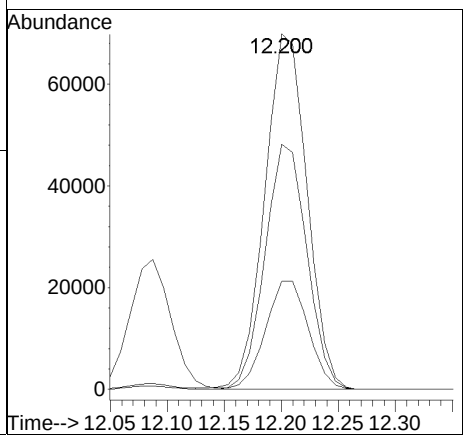


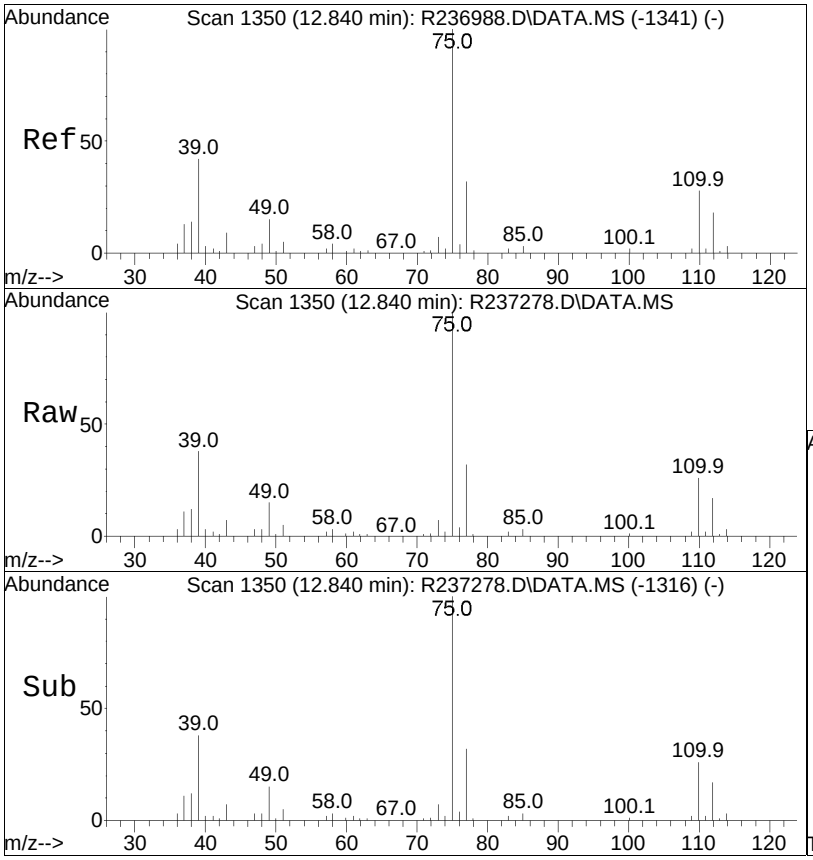


#62
heptane
Concen: 12.16 ppbV
RT: 12.200 min Scan# 1283
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 43 Resp: 180777

Ion	Ratio	Lower	Upper
43	100		
57	69.0	52.8	79.2
100	30.4	26.8	40.2

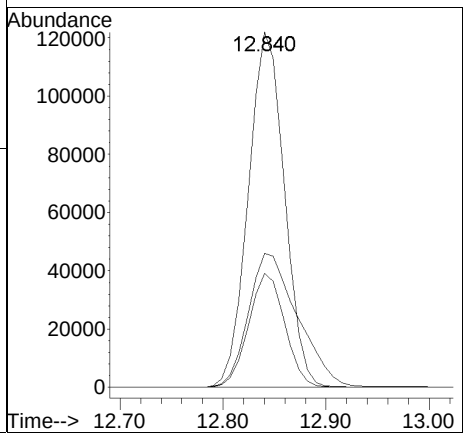


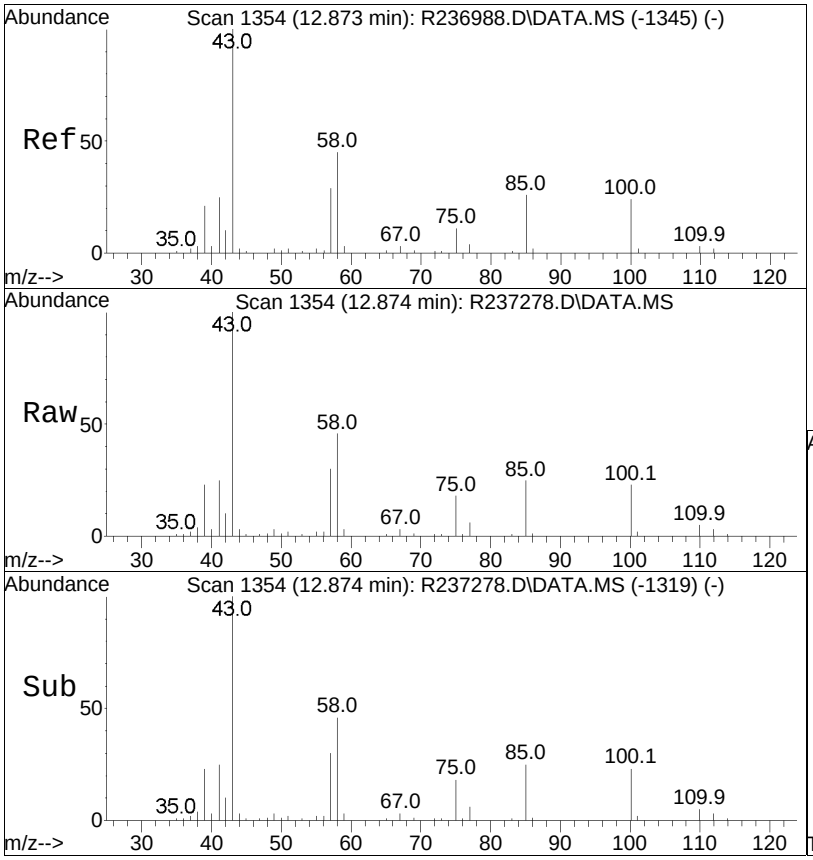


#63
cis-1,3-dichloropropene
Concen: 12.87 ppbV
RT: 12.840 min Scan# 1350
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 75 Resp: 297218

Ion	Ratio	Lower	Upper
75	100		
39	37.7	33.8	50.6
77	32.1	25.5	38.3

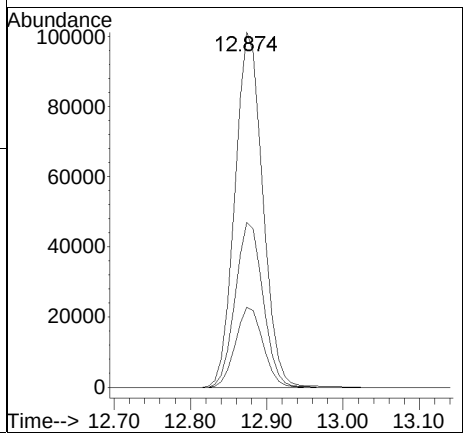


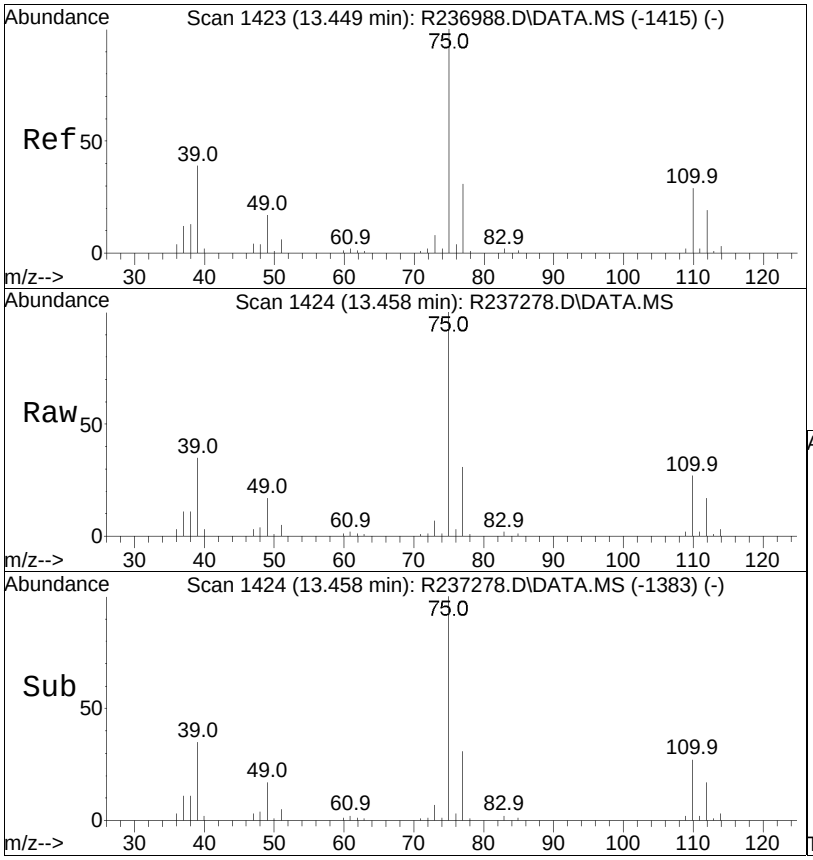


#64
4-methyl-2-pentanone
Concen: 11.88 ppbV
RT: 12.874 min Scan# 1354
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 43 Resp: 256430

Ion	Ratio	Lower	Upper
43	100		
58	46.5	35.7	53.5
100	22.6	19.0	28.6

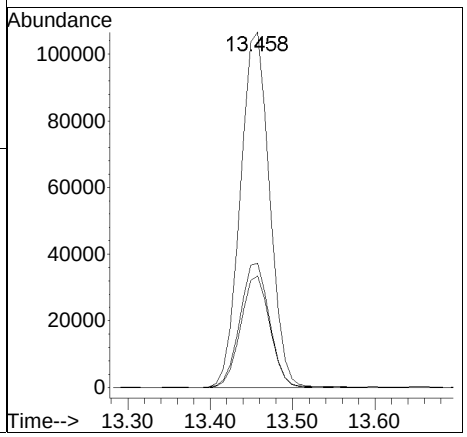


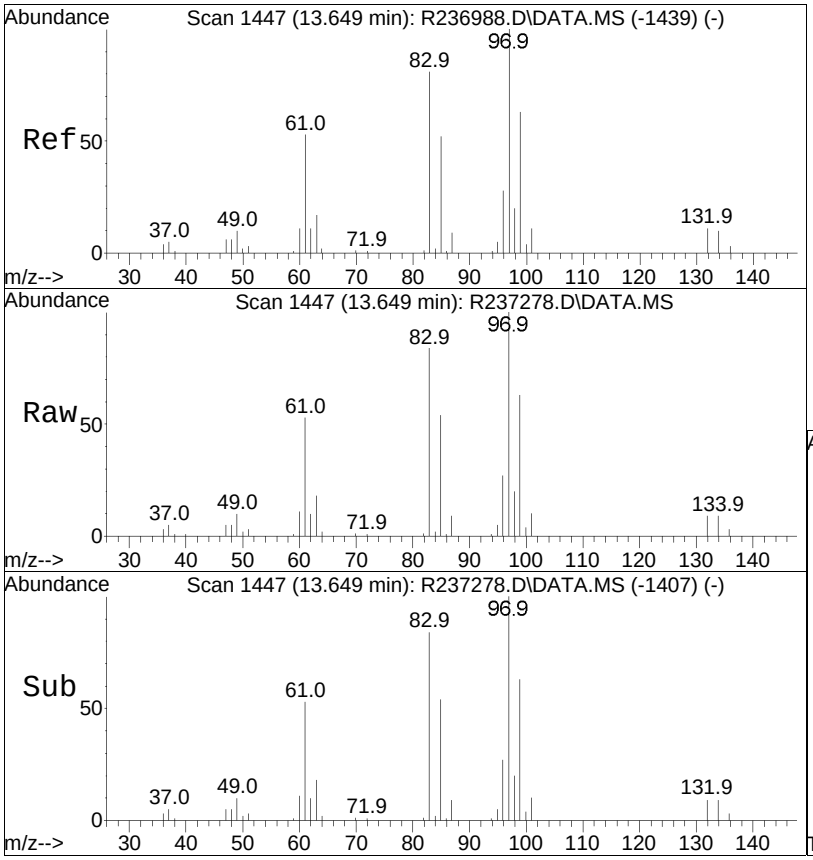


#65
trans-1,3-dichloropropene
Concen: 14.34 ppbV
RT: 13.458 min Scan# 1424
Delta R.T. 0.008 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 75 Resp: 262774

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4
39	34.9	31.0	46.4

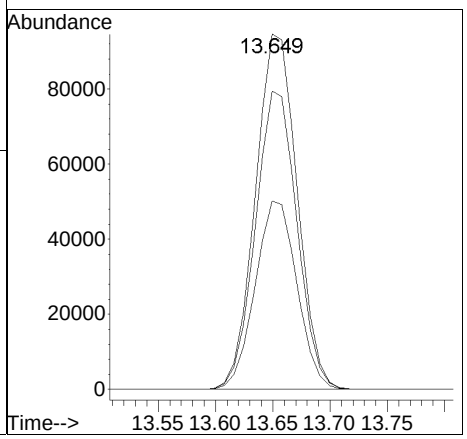


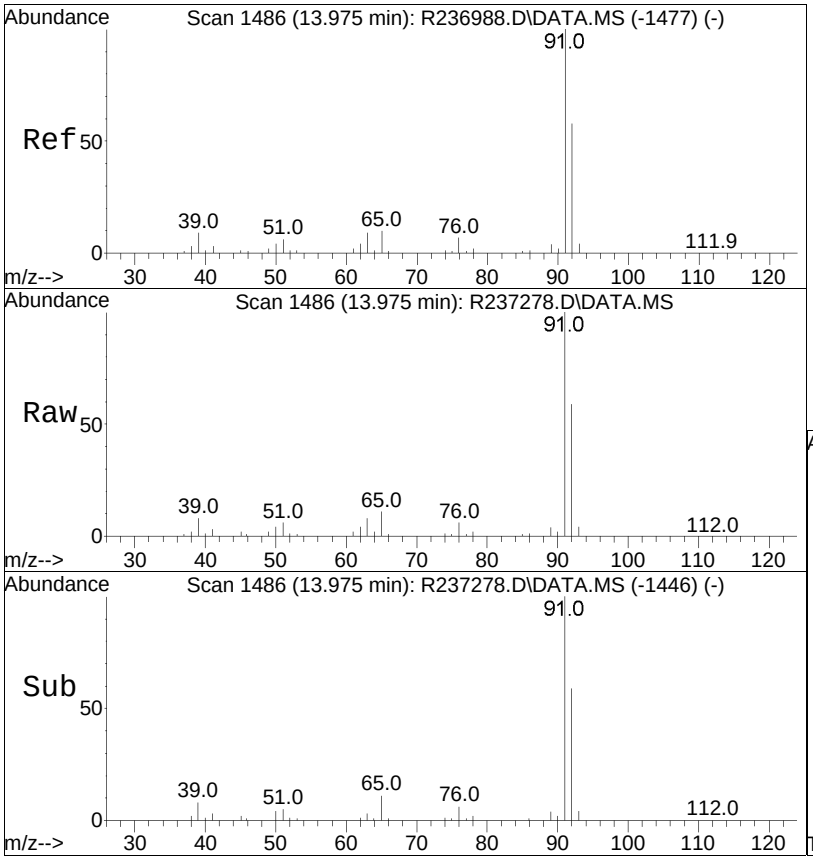


#66
1,1,2-trichloroethane
Concen: 11.31 ppbV
RT: 13.649 min Scan# 1447
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 97 Resp: 240098

Ion	Ratio	Lower	Upper
97	100		
83	84.0	64.5	96.7
61	53.0	42.2	63.2

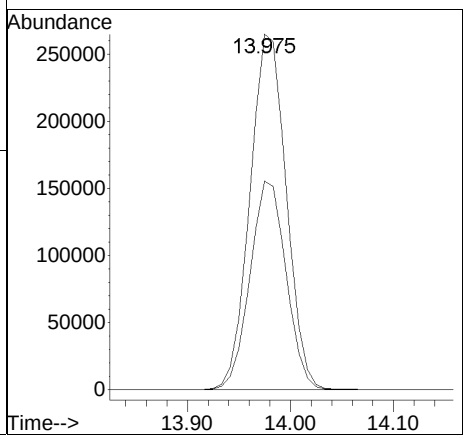


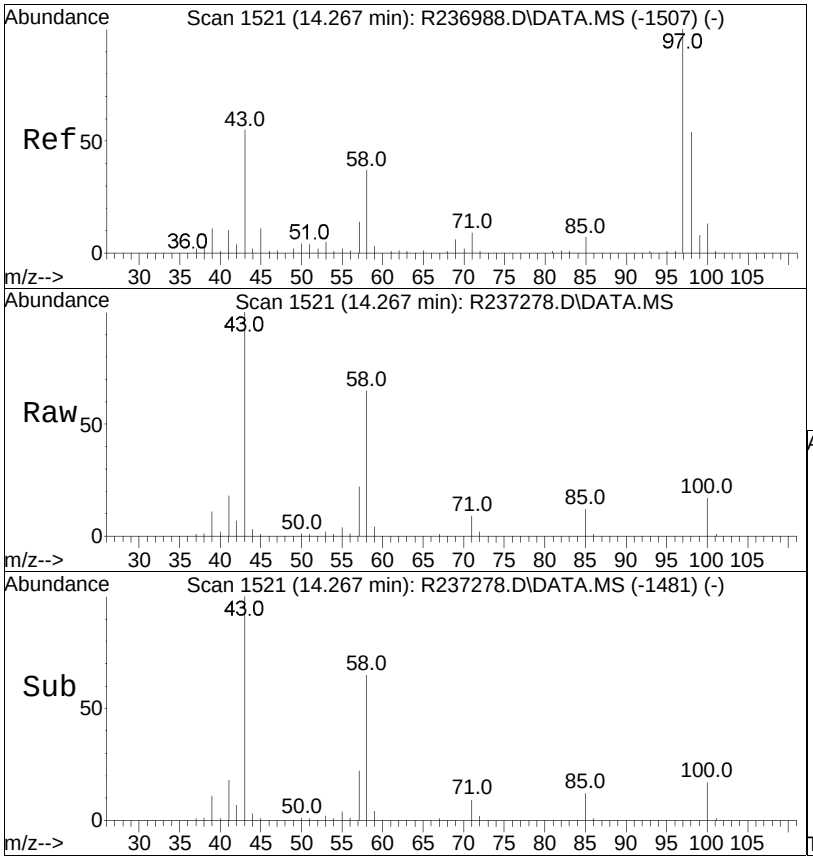


#68
toluene
Concen: 11.04 ppbV
RT: 13.975 min Scan# 1486
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 91 Resp: 647777

Ion	Ratio	Lower	Upper
91	100		
92	58.6	46.6	70.0

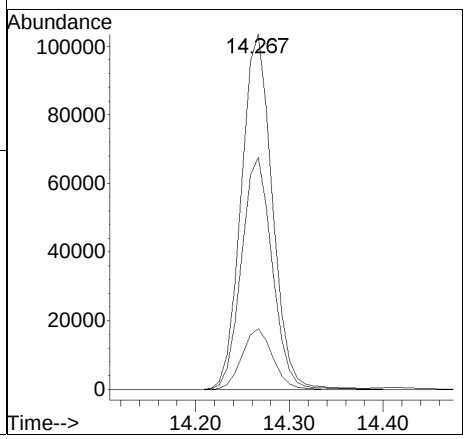


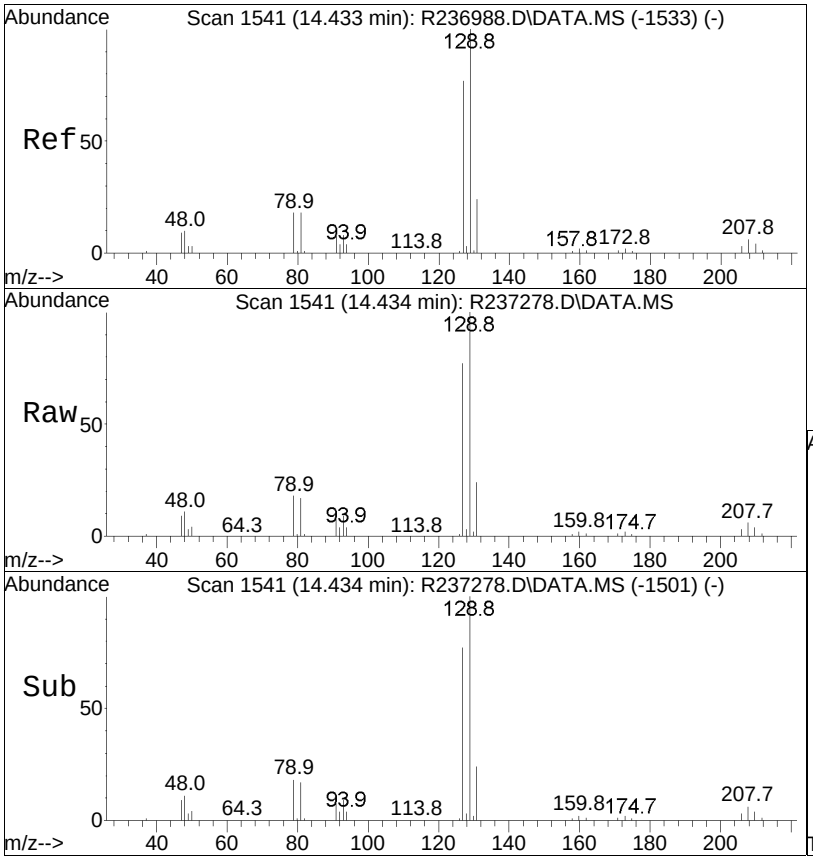


#72
2-hexanone
Concen: 11.33 ppbV
RT: 14.267 min Scan# 1521
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 43 Resp: 238725

Ion	Ratio	Lower	Upper
43	100		
58	65.3	53.6	80.4
100	17.1	18.2	27.4#

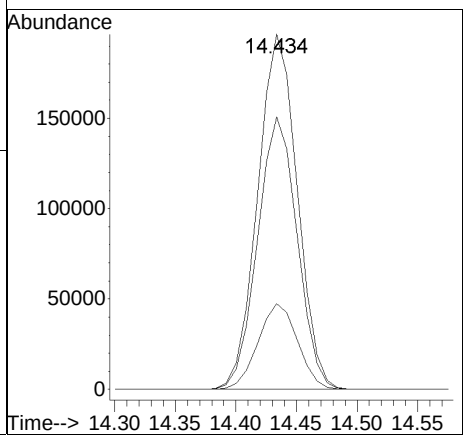


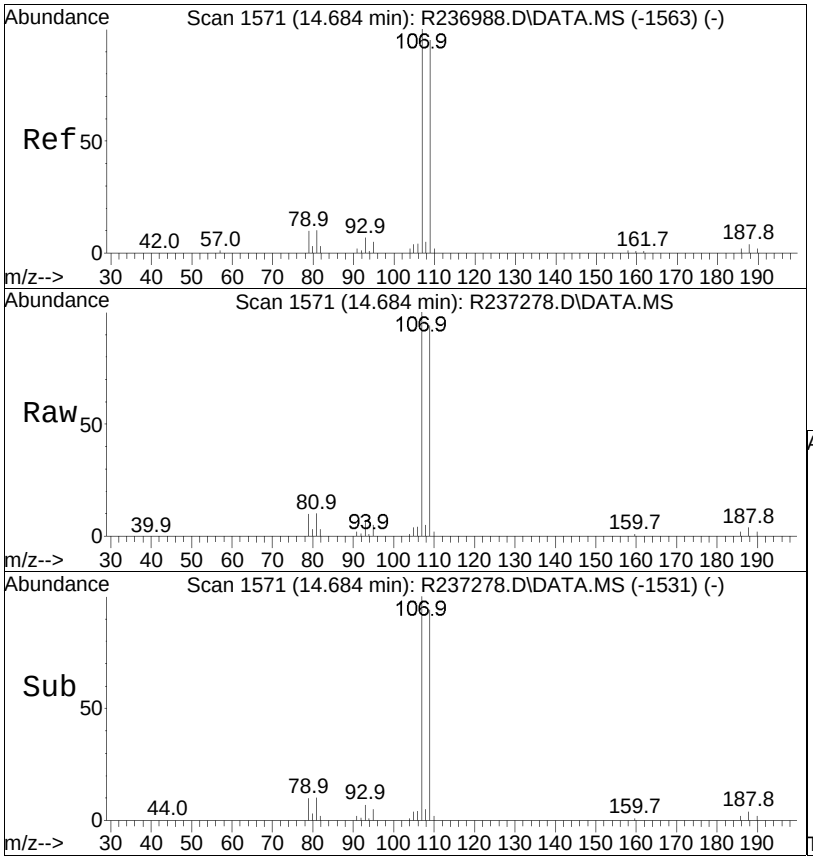


#74
dibromochloromethane
Concen: 11.04 ppbV
RT: 14.434 min Scan# 1541
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:129 Resp: 446219

Ion	Ratio	Lower	Upper
129	100		
127	76.7	61.7	92.5
131	24.1	19.3	28.9

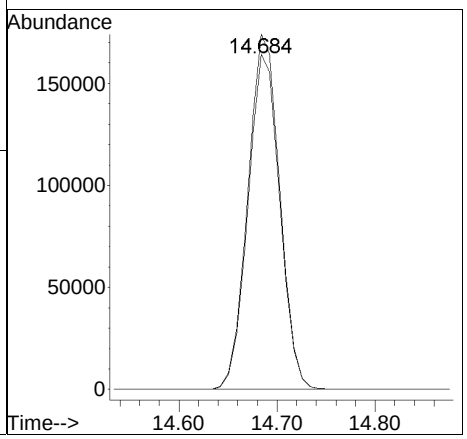


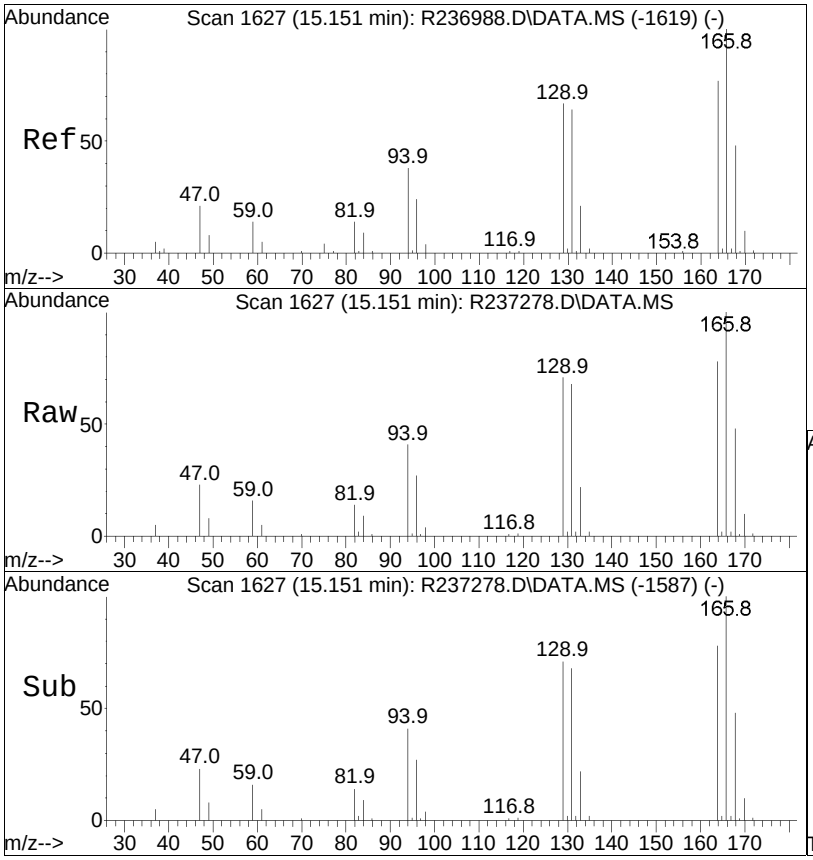


#75
1,2-dibromoethane
Concen: 11.39 ppbV
RT: 14.684 min Scan# 1571
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:107 Resp: 392736

Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.7	113.5

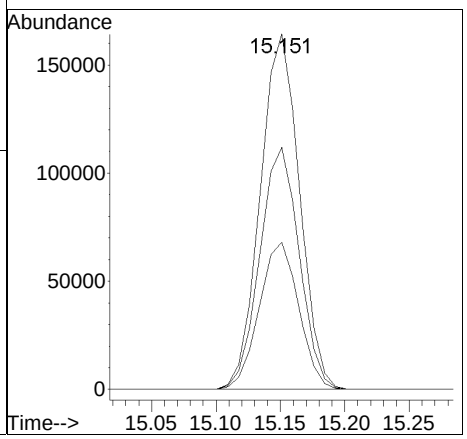


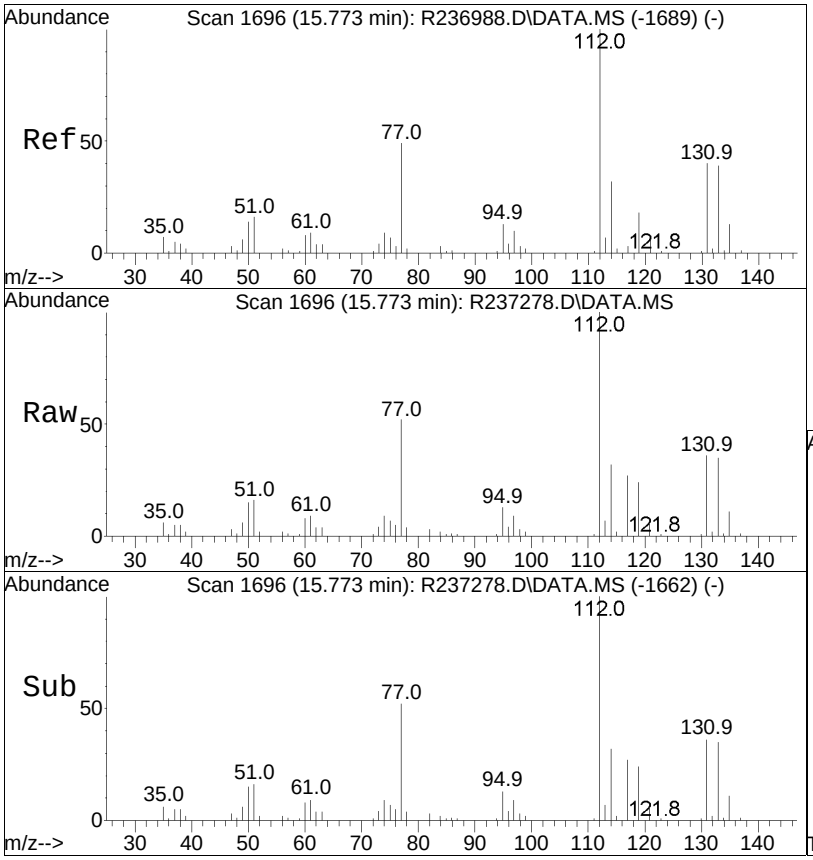


#78
tetrachloroethene
Concen: 9.47 ppbV
RT: 15.151 min Scan# 1627
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:166 Resp: 348525

Ion	Ratio	Lower	Upper
166	100		
131	68.1	51.4	77.0
94	41.4	30.2	45.2

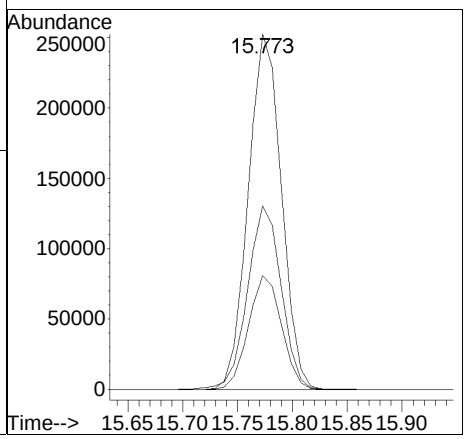


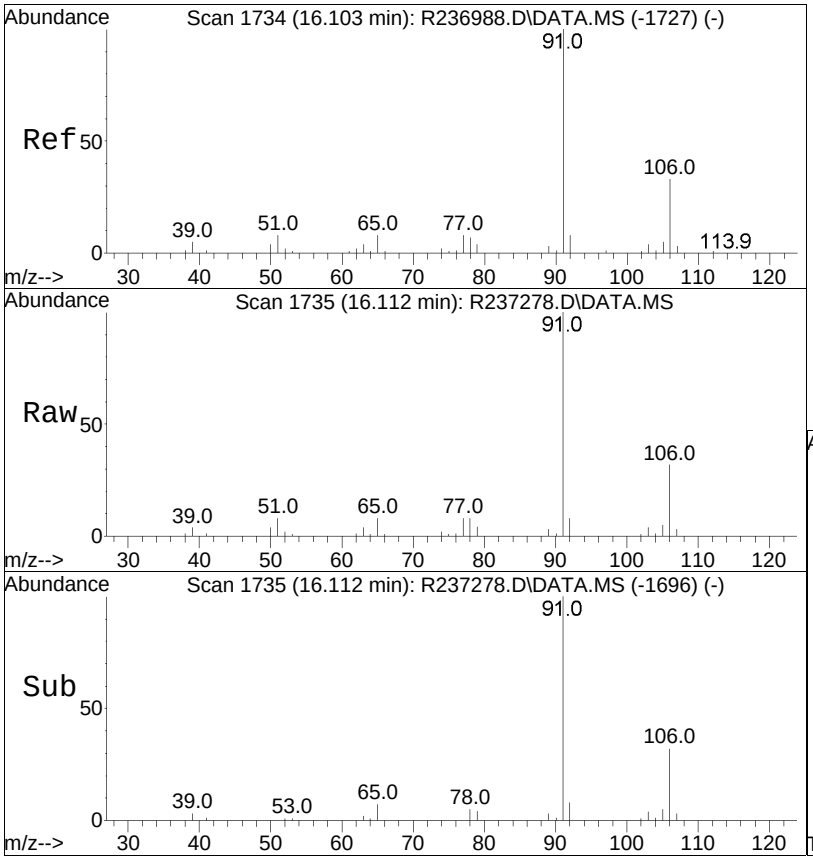


#80
chlorobenzene
Concen: 10.76 ppbV
RT: 15.773 min Scan# 1696
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:112 Resp: 531633

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.9	38.9
77	51.7	39.1	58.7

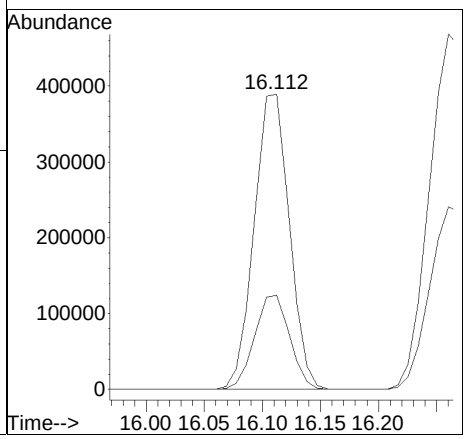


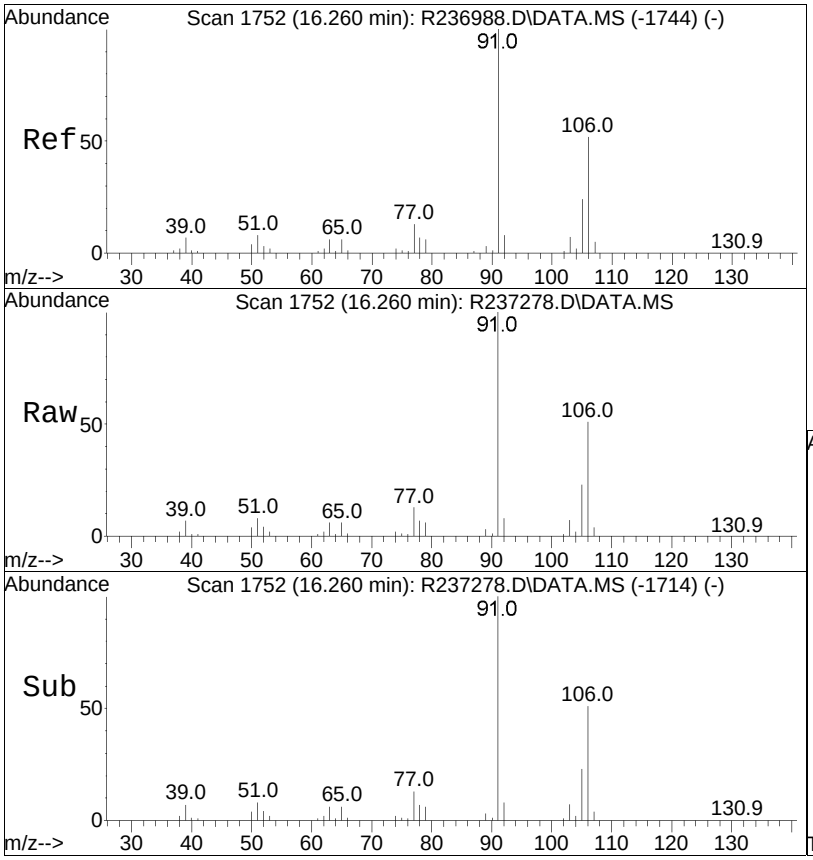


#81
ethylbenzene
Concen: 10.96 ppbV
RT: 16.112 min Scan# 1735
Delta R.T. 0.009 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 91 Resp: 822196

Ion	Ratio	Lower	Upper
91	100		
106	31.9	26.6	40.0

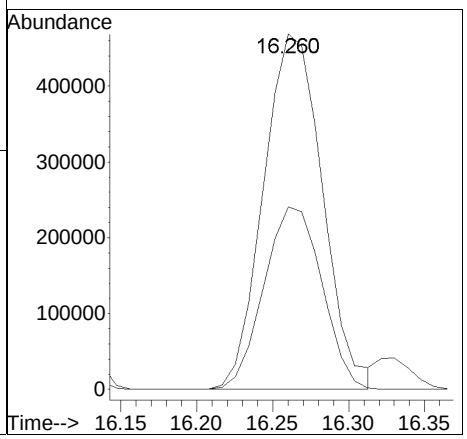


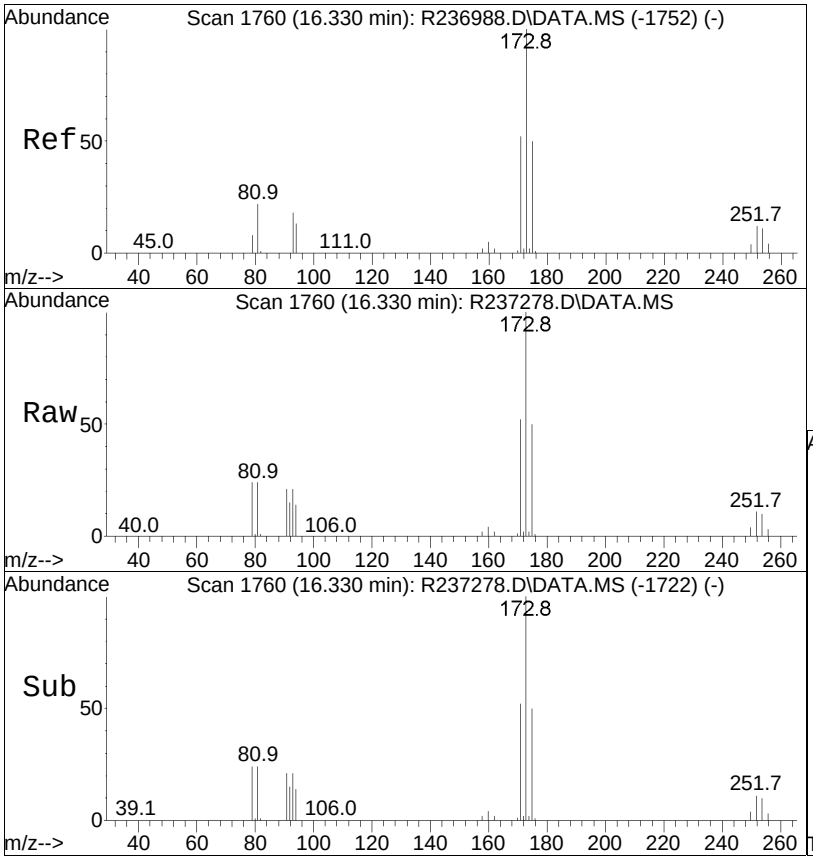


#83
m+p-xylene
Concen: 22.21 ppbV
RT: 16.260 min Scan# 1752
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 91 Resp: 1265088

Ion	Ratio	Lower	Upper
91	100		
106	51.4	41.7	62.5

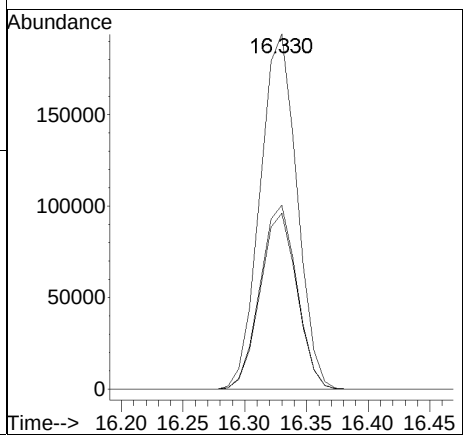


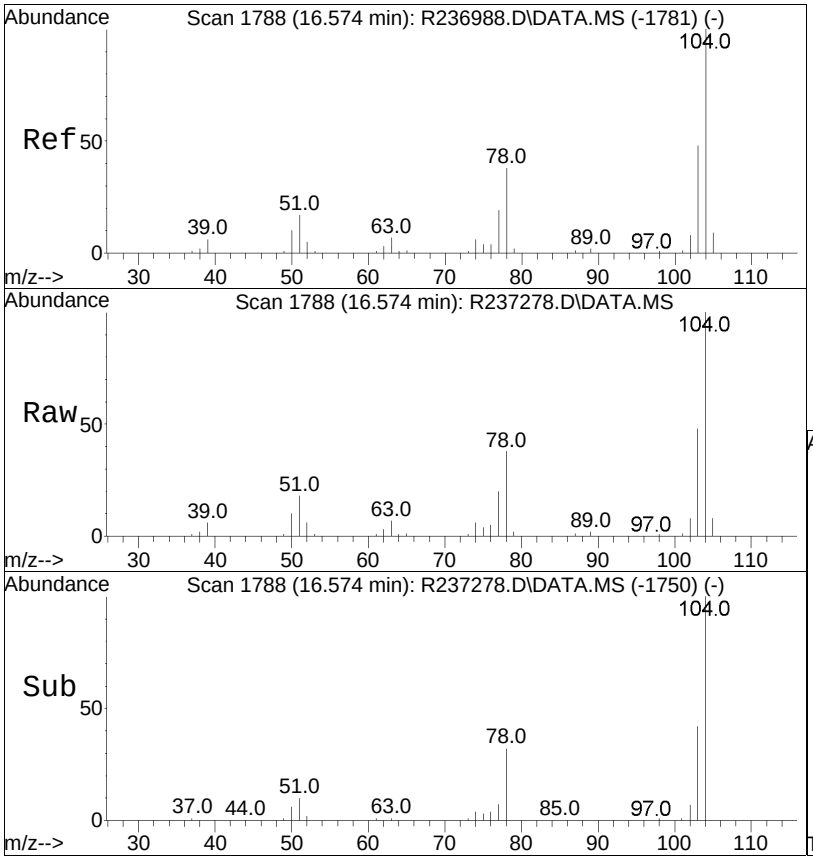


#84
bromoform
Concen: 9.97 ppbV
RT: 16.330 min Scan# 1760
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:173 Resp: 404874

Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.7	59.5
171	51.8	41.4	62.2

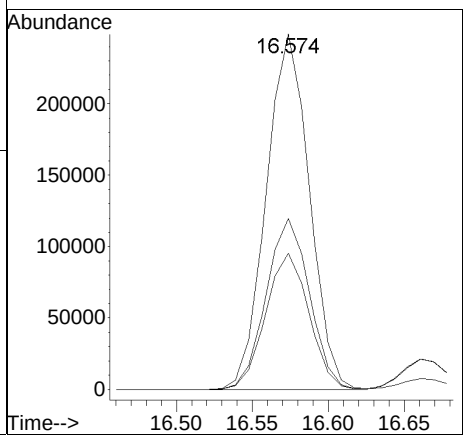


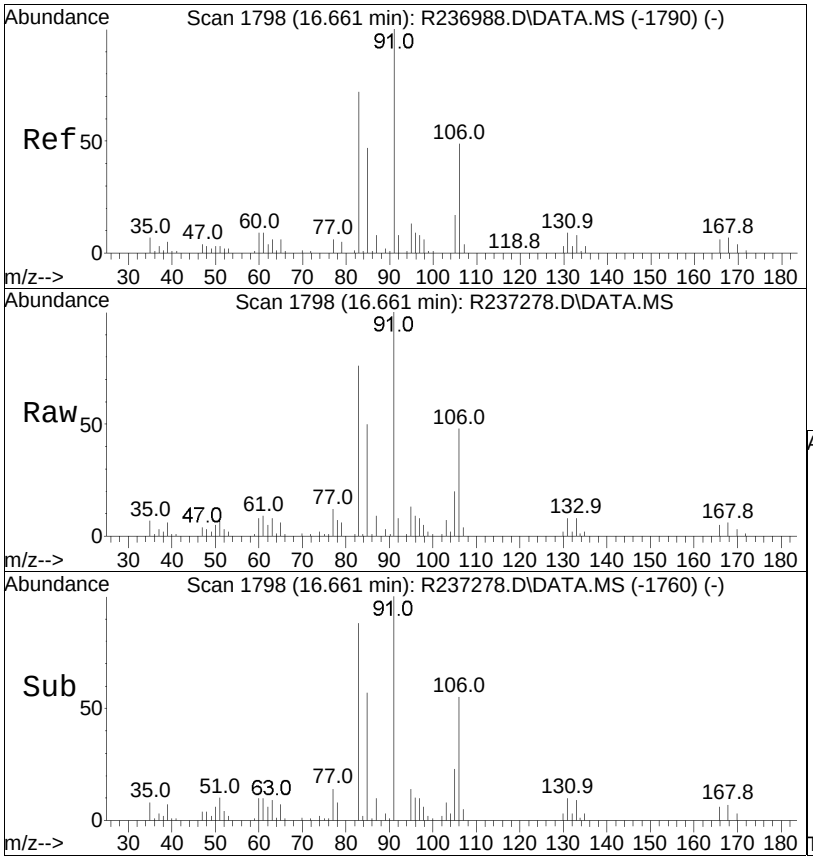


#85
styrene
Concen: 10.98 ppbV
RT: 16.574 min Scan# 1788
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:104 Resp: 491486

Ion	Ratio	Lower	Upper
104	100		
103	48.1	38.2	57.4
78	38.3	30.6	45.8

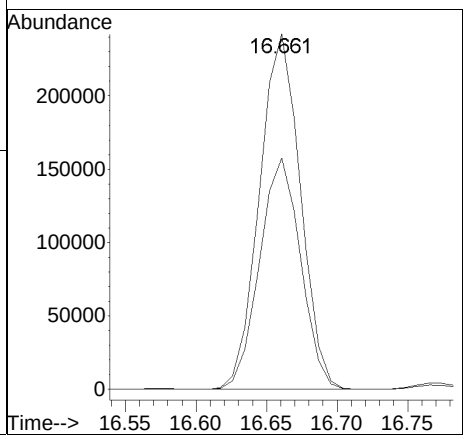


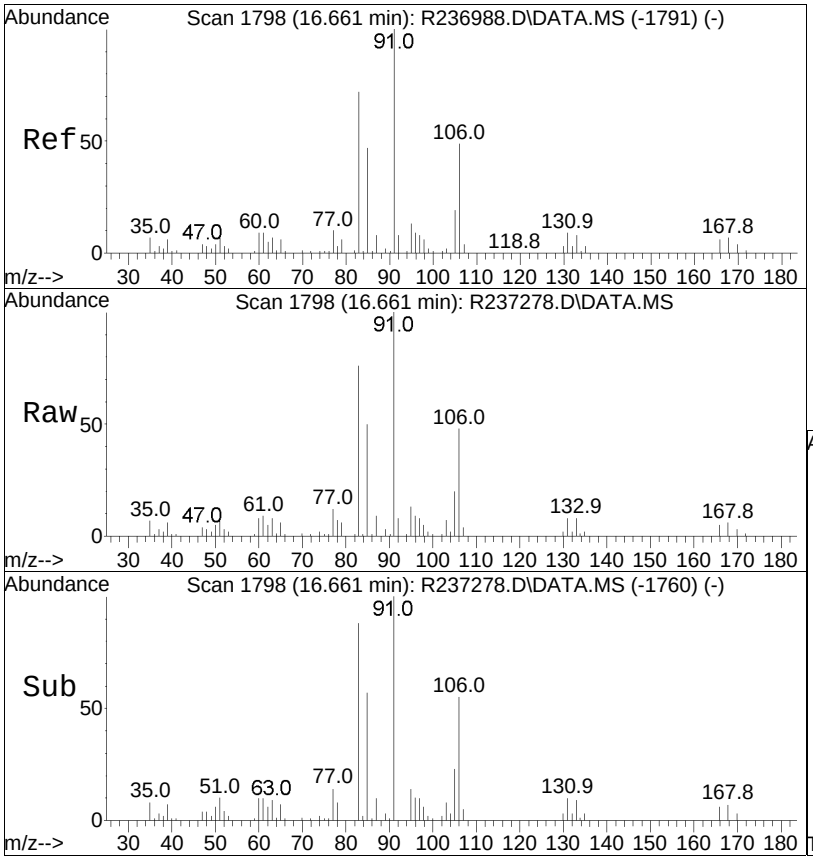


#86
1,1,2,2-tetrachloroethane
Concen: 11.80 ppbV
RT: 16.661 min Scan# 1798
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 83 Resp: 489127

Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.6	78.8

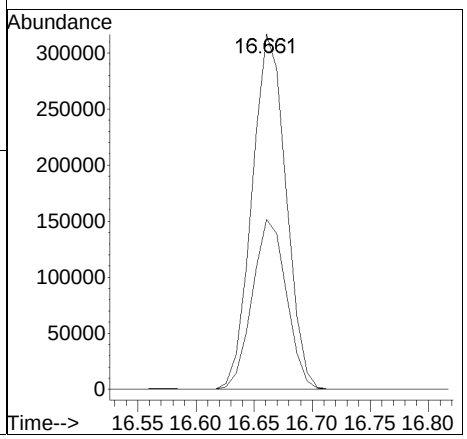


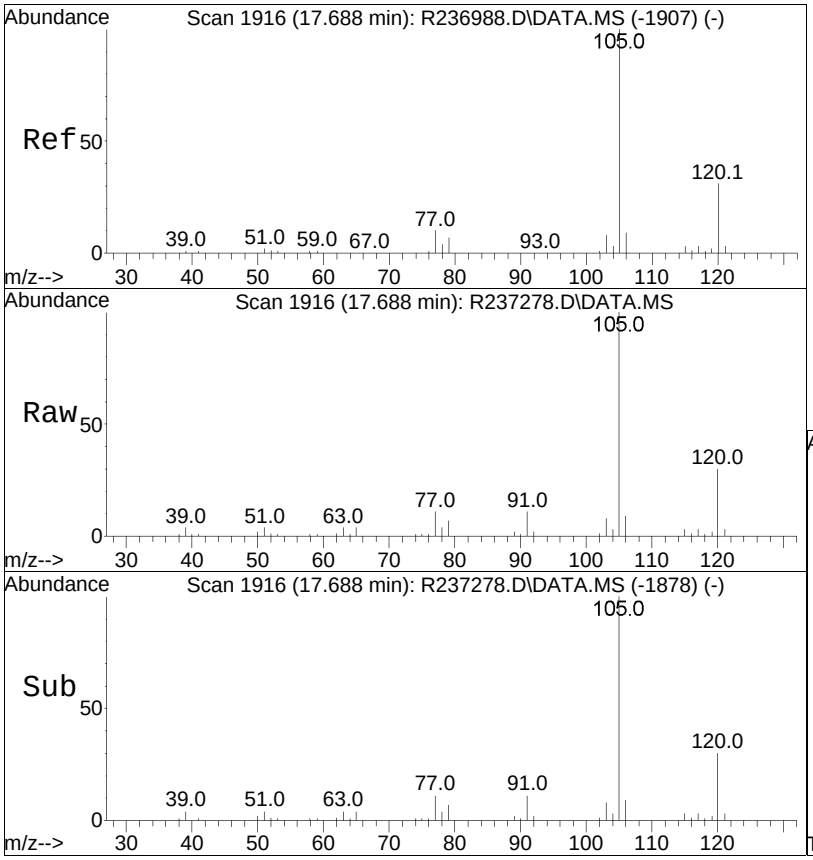


#87
o-xylene
Concen: 11.19 ppbV
RT: 16.661 min Scan# 1798
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 91 Resp: 644120

Ion	Ratio	Lower	Upper
91	100		
106	47.8	39.6	59.4

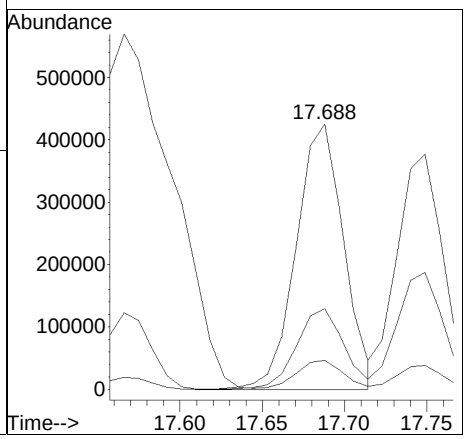


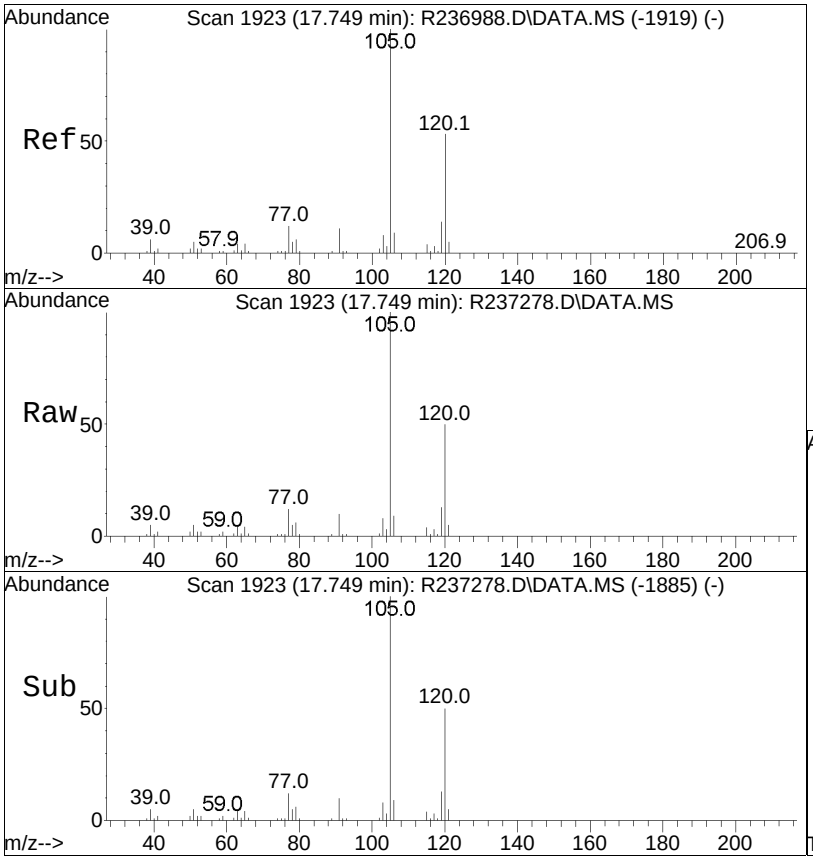


#96
4-ethyl toluene
Concen: 11.27 ppbV
RT: 17.688 min Scan# 1916
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:105 Resp: 853776

Ion	Ratio	Lower	Upper
105	100		
120	30.4	25.1	37.7
91	11.0	8.8	13.2

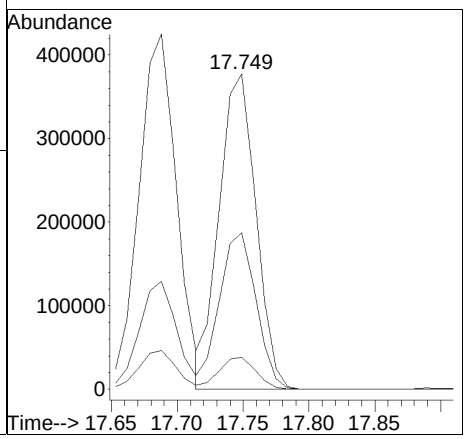


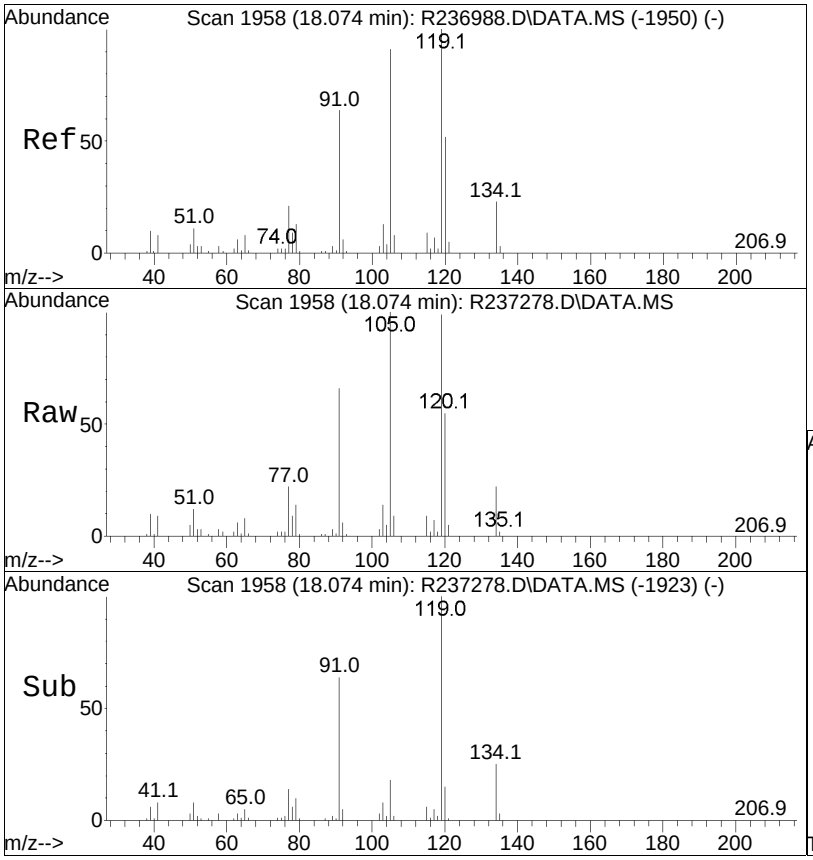


#97
1,3,5-trimethylbenzene
Concen: 11.53 ppbV
RT: 17.749 min Scan# 1923
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:105 Resp: 735758

Ion	Ratio	Lower	Upper
105	100		
120	49.7	40.7	61.1
91	10.2	8.5	12.7

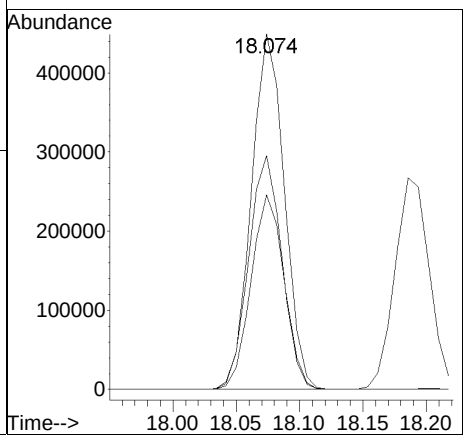


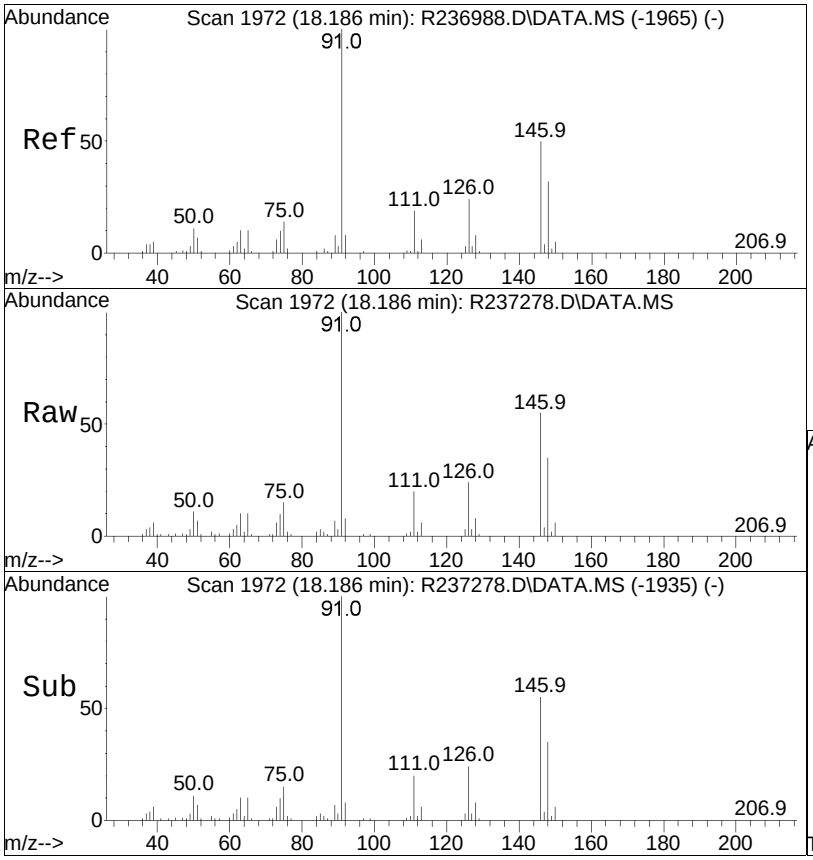


#99
1,2,4-trimethylbenzene
Concen: 11.93 ppbV
RT: 18.074 min Scan# 1958
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:105 Resp: 812920

Ion	Ratio	Lower	Upper
105	100		
120	54.8	45.9	68.9
91	65.8	56.2	84.2

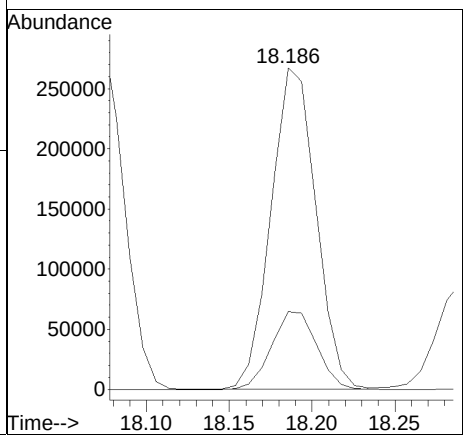


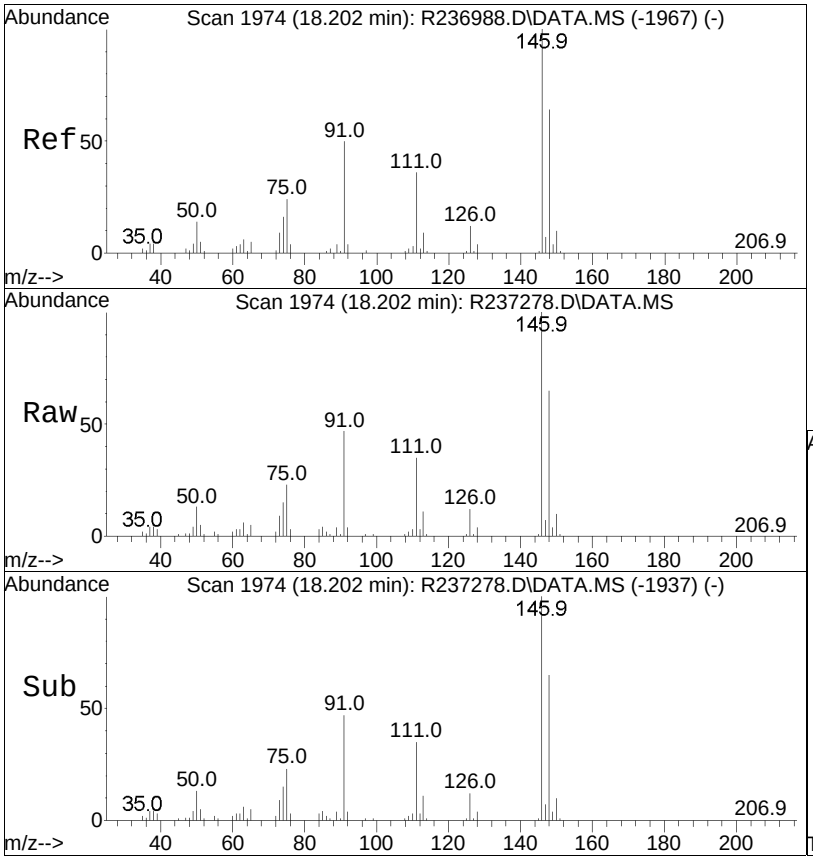


#101
Benzyl Chloride
Concen: 10.38 ppbV
RT: 18.186 min Scan# 1972
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 91 Resp: 505117

Ion	Ratio	Lower	Upper
91	100		
126	24.2	18.9	28.3

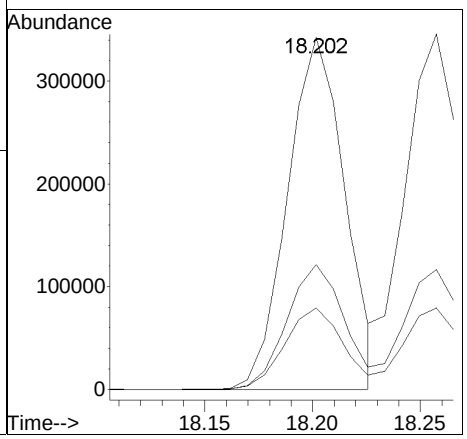


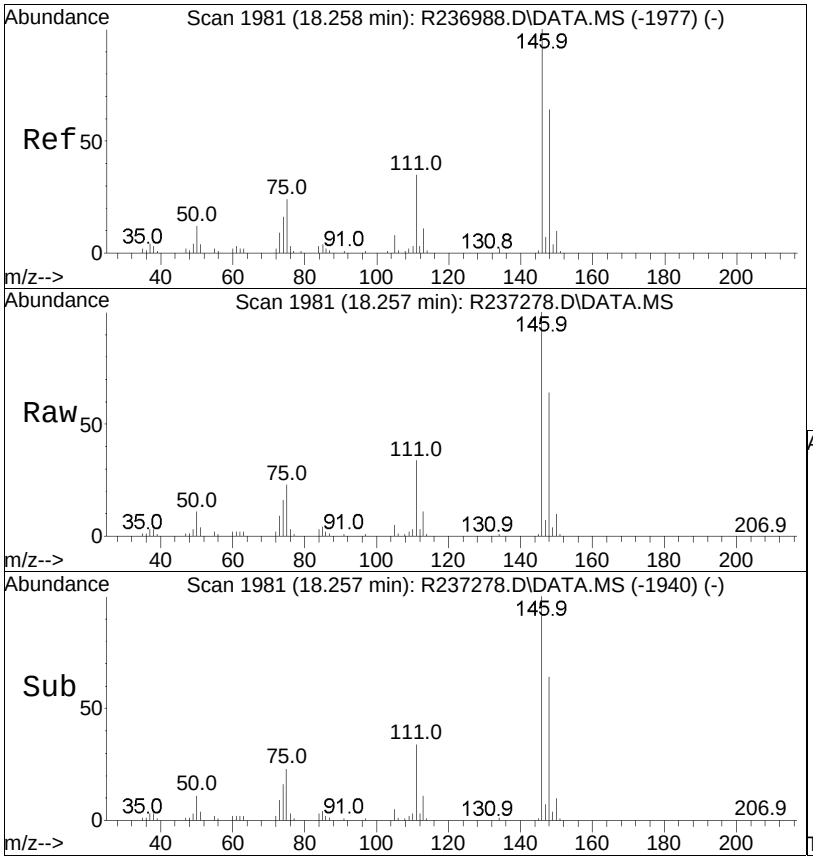


#102
1,3-dichlorobenzene
Concen: 11.70 ppbV
RT: 18.202 min Scan# 1974
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:146 Resp: 632807

Ion	Ratio	Lower	Upper
146	100		
111	35.5	28.8	43.2
75	23.2	18.9	28.3

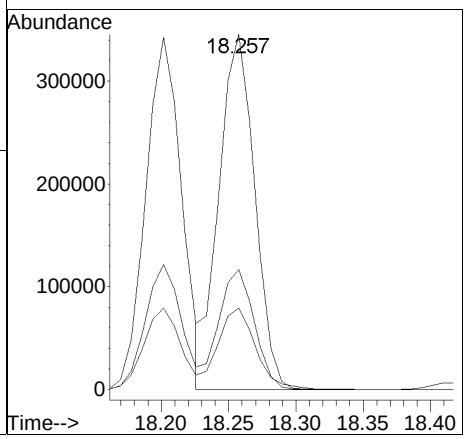


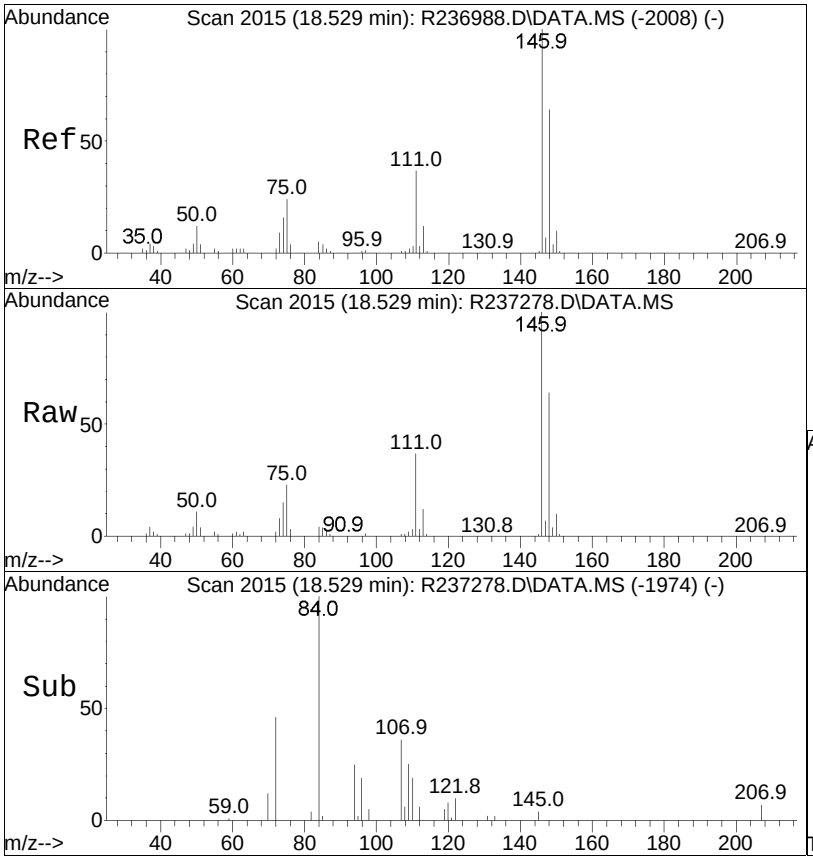


#103
1,4-dichlorobenzene
Concen: 12.30 ppbV
RT: 18.257 min Scan# 1981
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:146 Resp: 637743

Ion	Ratio	Lower	Upper
146	100		
111	33.7	27.7	41.5
75	22.9	18.8	28.2

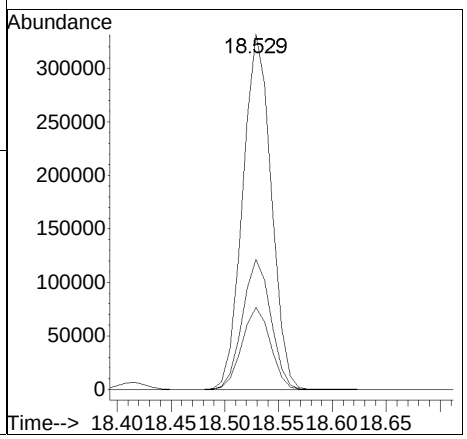


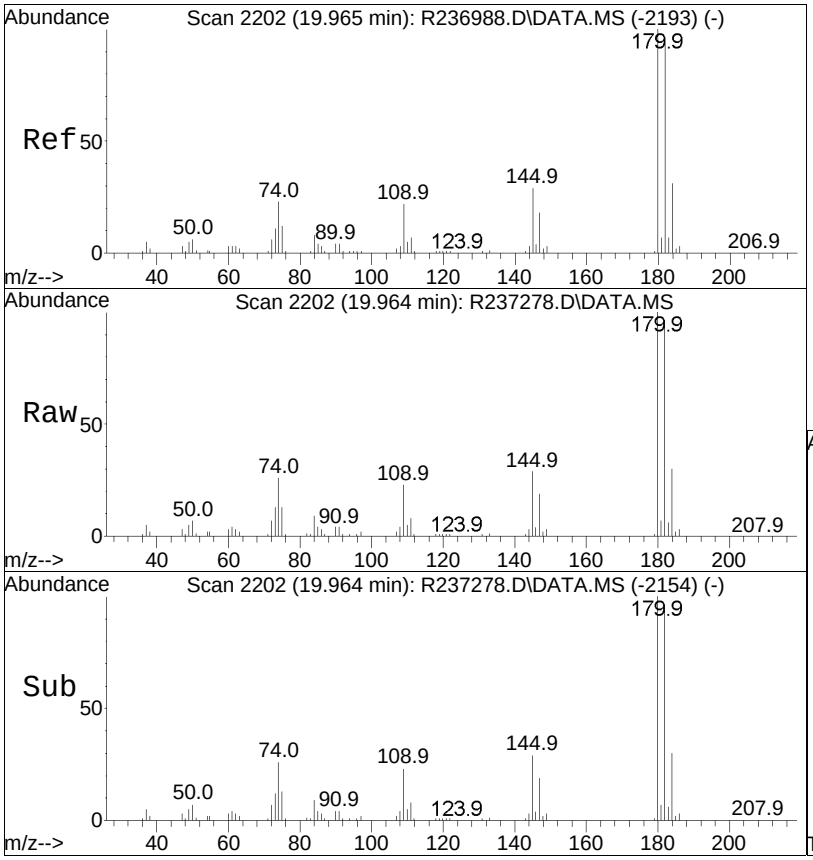


#107
1,2-dichlorobenzene
Concen: 11.95 ppbV
RT: 18.529 min Scan# 2015
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:146 Resp: 611033

Ion	Ratio	Lower	Upper
146	100		
111	36.6	29.8	44.6
75	23.1	18.9	28.3

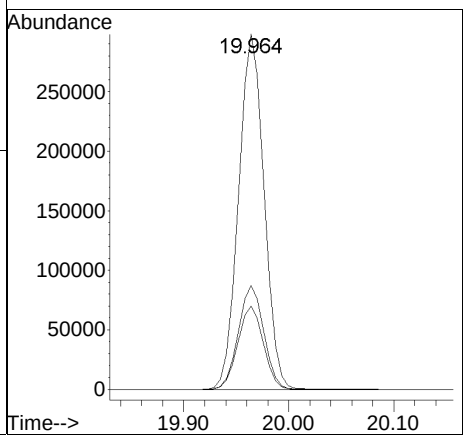


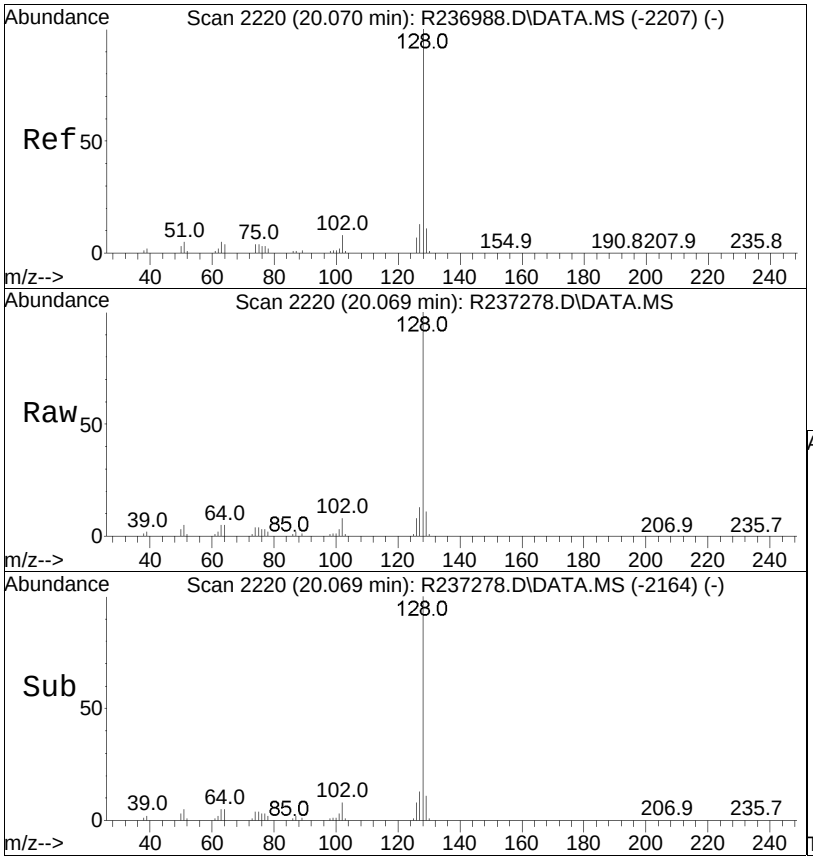


#115
1,2,4-trichlorobenzene
Concen: 11.17 ppbV
RT: 19.964 min Scan# 2202
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:180 Resp: 502836

Ion	Ratio	Lower	Upper
180	100		
145	29.3	22.8	34.2
109	23.5	17.8	26.6

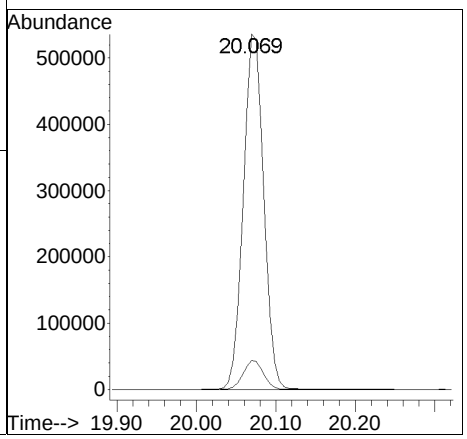


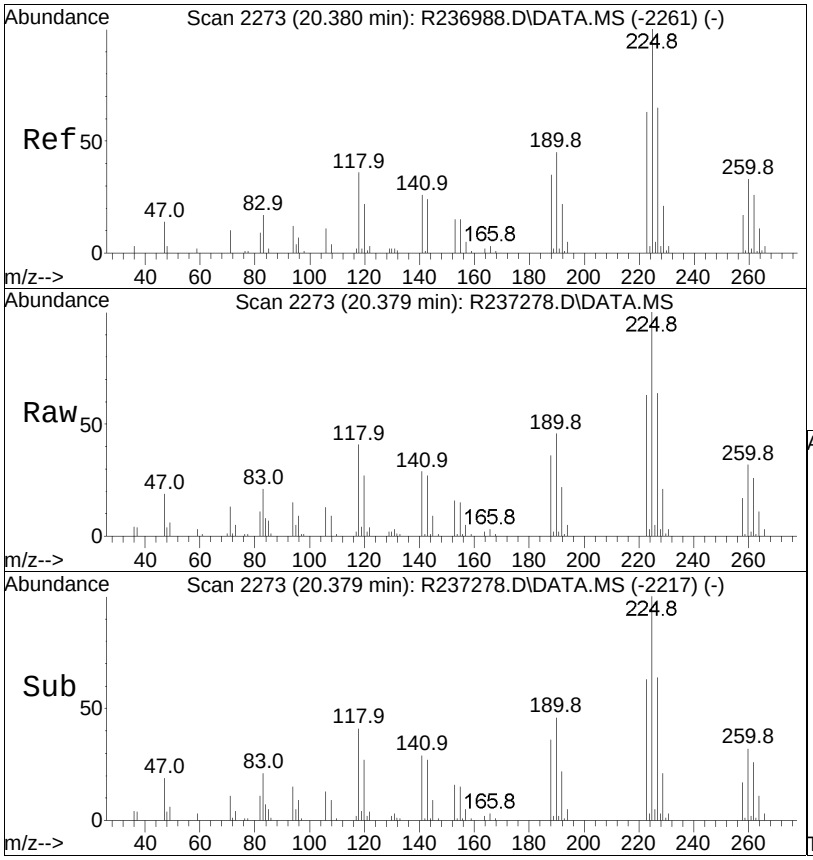


#116
naphthalene
Concen: 10.38 ppbV
RT: 20.069 min Scan# 2220
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:128 Resp: 957369

Ion	Ratio	Lower	Upper
128	100		
102	8.2	6.4	9.6

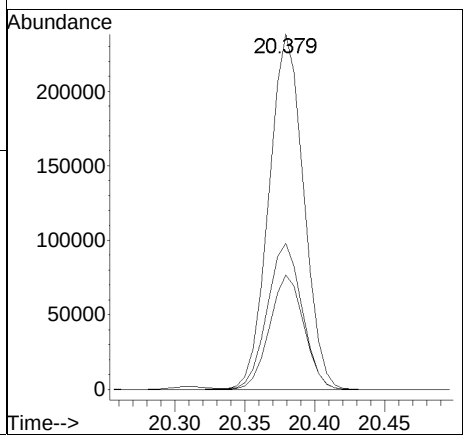




#119
hexachlorobutadiene
Concen: 10.46 ppbV
RT: 20.379 min Scan# 2273
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:225 Resp: 411104

Ion	Ratio	Lower	Upper
225	100		
260	32.2	26.3	39.5
118	41.1	29.2	43.8



Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237289.D
Acq On : 12 Dec 2025 01:41 am
Operator : AIRLAB23:APR
Sample : WG2152814-5,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 12 08:58:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+NAPH-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.878	49	147343	10.000	ppbV	0.00
Standard Area = 166247			Recovery = 88.63%			
43) 1,4-difluorobenzene	11.056	114	530390	10.000	ppbV	0.00
Standard Area = 589128			Recovery = 90.03%			
67) chlorobenzene-D5	15.734	54	76022	10.000	ppbV	0.00
Standard Area = 84733			Recovery = 89.72%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.880	85	14795	0.371	ppbV	100
6) chloromethane	4.050	50	5590	0.506	ppbV	99
7) Freon-114	4.149		0	N.D.		
10) 1,3-butadiene	4.413		0	N.D.		
13) bromomethane	0.000		0	N.D.	d	
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.010	31	22162	3.901	ppbV	84
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.508	43	56129M6	3.901	ppbV	
21) trichlorofluoromethane	5.683	101	7717	0.182	ppbV	95
22) isopropyl alcohol	5.794	45	10283	0.679	ppbV #	86
27) tertiary butyl alcohol	6.482	59	929	0.049	ppbV #	1
28) methylene chloride	6.510	49	1879	0.147	ppbV	88
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	0.000		0	N.D.		
31) Freon 113	6.813	101	1935	0.057	ppbV #	88
32) trans-1,2-dichloroethene	7.546	61	42429	2.554	ppbV	92
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.213	43	30763	1.674	ppbV	98
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	9.025		0	N.D.		
40) Tetrahydrofuran	9.490	42	12417	1.309	ppbV	95
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	8.952	57	1603	0.114	ppbV #	1
50) benzene	10.651	78	8812	0.228	ppbV	99
53) cyclohexane	10.953		0	N.D.		
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237289.D
Acq On : 12 Dec 2025 01:41 am
Operator : AIRLAB23:APR
Sample : WG2152814-5,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 12 08:58:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+NAPH-7-SIM - .

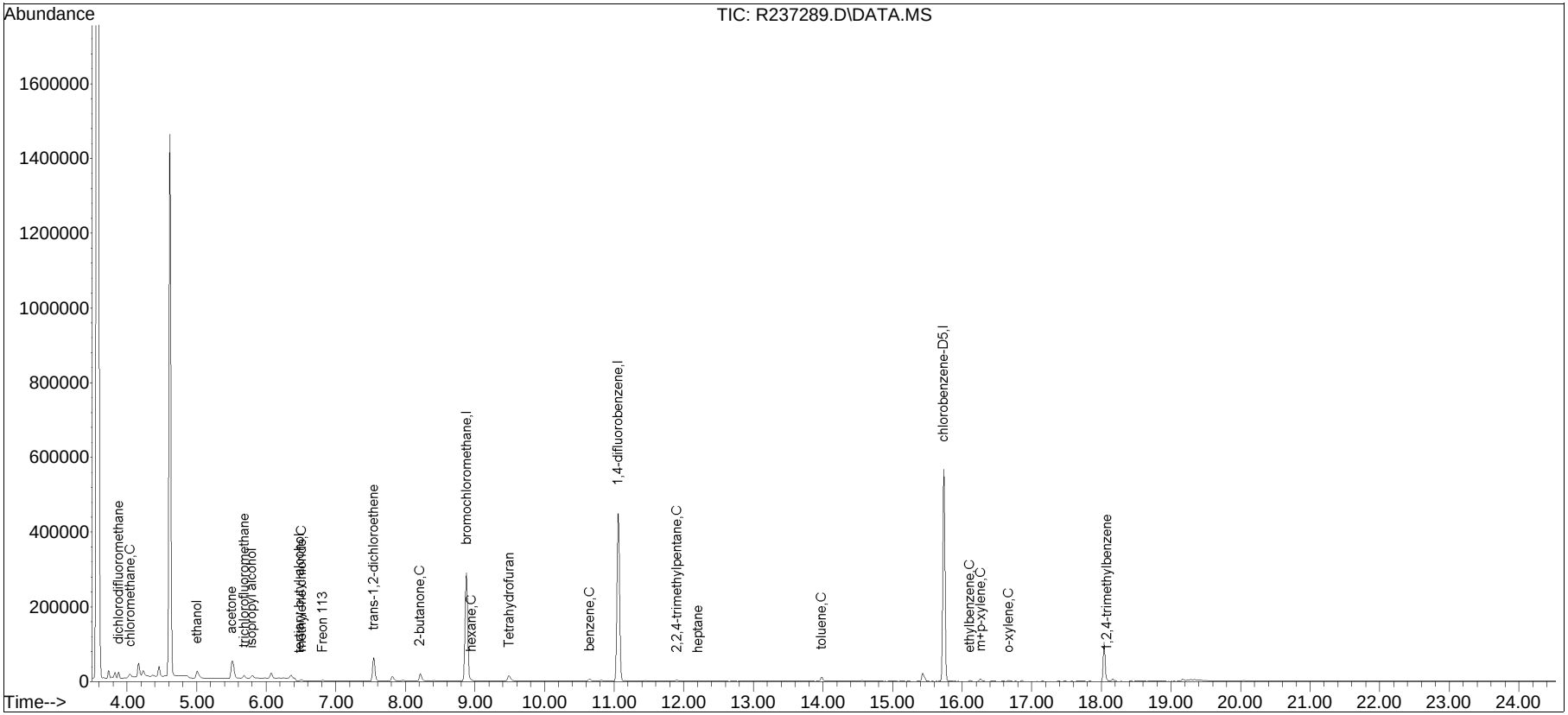
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 1,4-dioxane	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	11.905	57	3543	0.081	ppbV #	84
62) heptane	12.206	43	996	0.074	ppbV #	62
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	13.980	91	12030	0.229	ppbV	99
72) 2-hexanone	0.000		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	16.108	91	3234	0.048	ppbV	99
83) m+p-xylene	16.265	91	6272	0.123	ppbV	96
84) bromoform	0.000		0	N.D.		
85) styrene	16.579		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	16.666	91	2656	0.051	ppbV	100
96) 4-ethyl toluene	17.675		0	N.D.		
97) 1,3,5-trimethylbenzene	17.754		0	N.D.		
99) 1,2,4-trimethylbenzene	18.079	105	2764M4	0.045	ppbV	
101) Benzyl Chloride	18.079		0	N.D.		
102) 1,3-dichlorobenzene	0.000		0	N.D.		
103) 1,4-dichlorobenzene	0.000		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
116) naphthalene	20.098		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

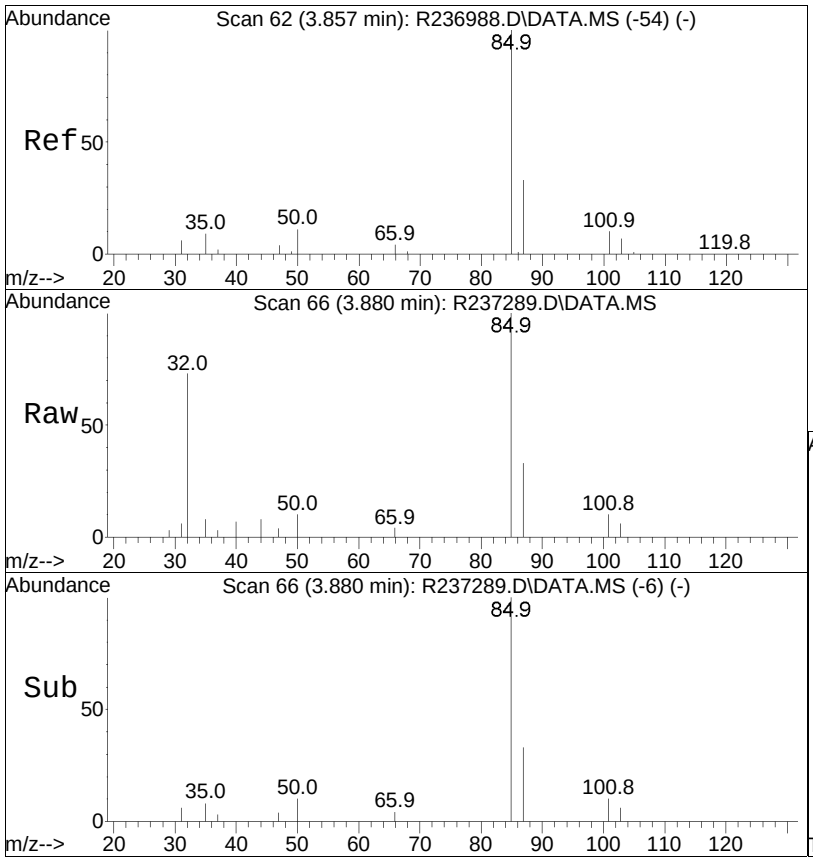
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY+NAPH-7-SIM - .3\2025\12\1211T\R237278.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237289.D
Acq On : 12 Dec 2025 01:41 am
Operator : AIRLAB23:APR
Sample : WG2152814-5,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 12 08:58:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

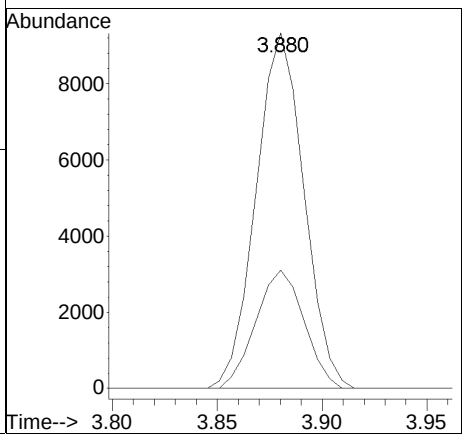


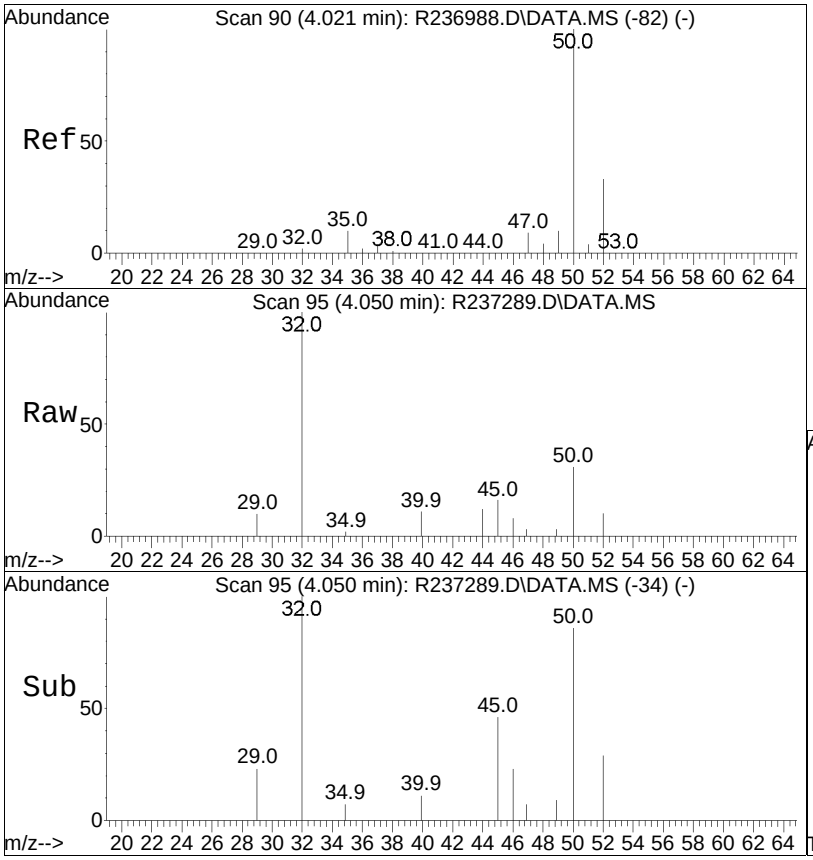


#5
dichlorodifluoromethane
Concen: 0.37 ppbV
RT: 3.880 min Scan# 66
Delta R.T. 0.024 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 85 Resp: 14795

Ion	Ratio	Lower	Upper
85	100		
87	33.3	26.8	40.2

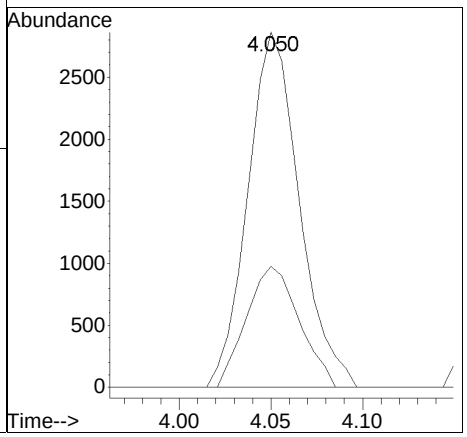


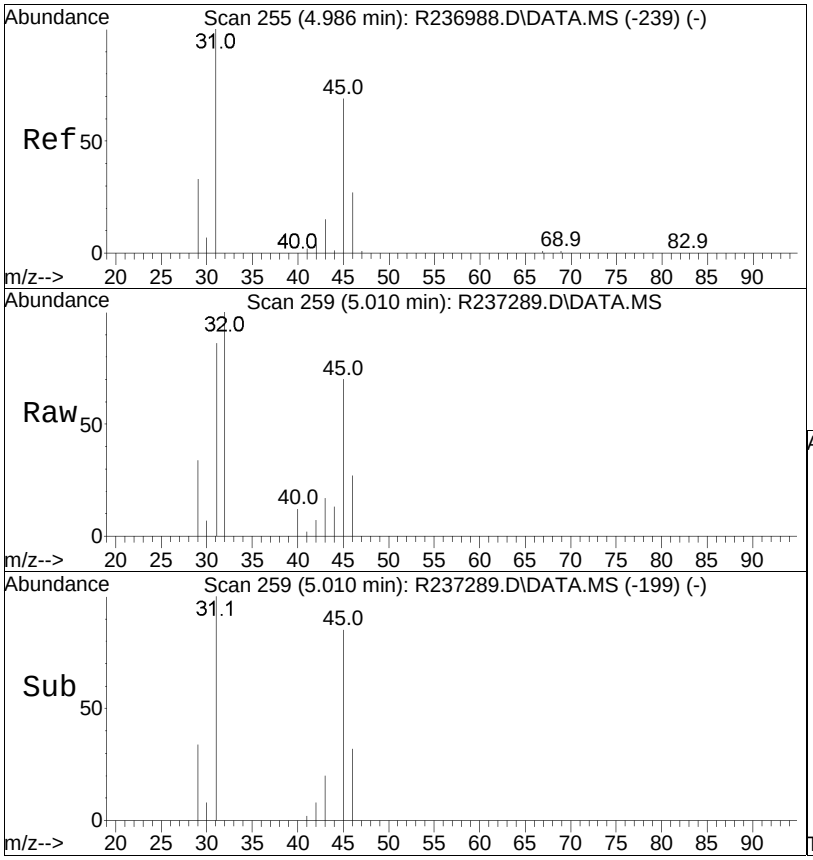


#6
chloromethane
Concen: 0.51 ppbV
RT: 4.050 min Scan# 95
Delta R.T. 0.029 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 50 Resp: 5590

Ion	Ratio	Lower	Upper
50	100		
52	34.1	26.8	40.2

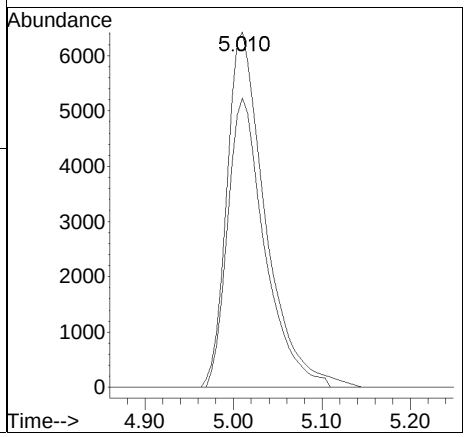


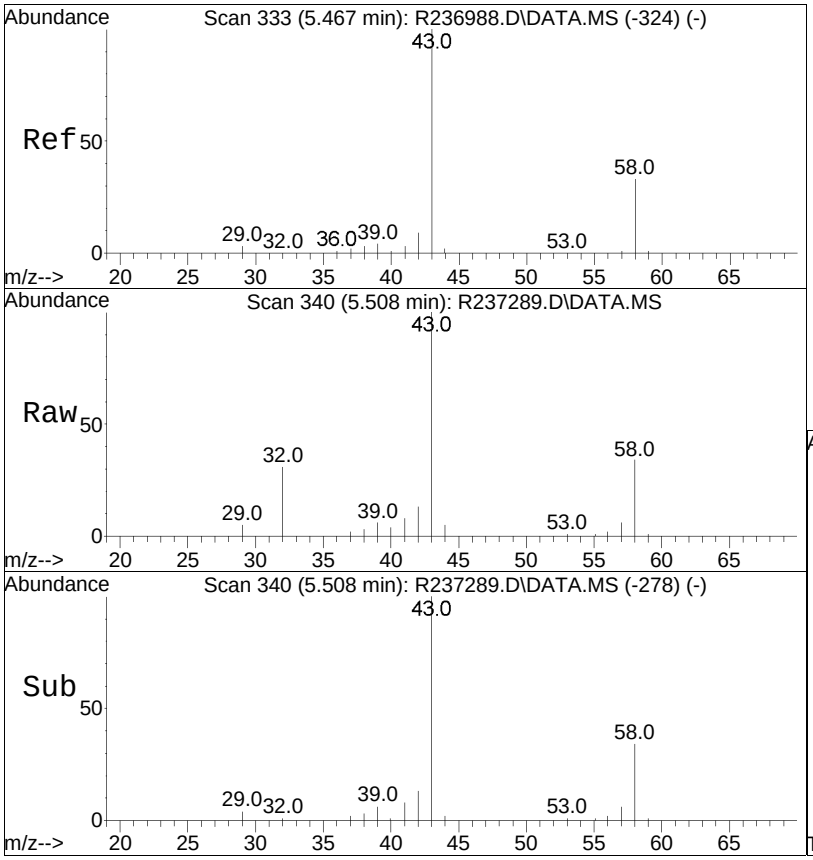


#15
ethanol
Concen: 3.90 ppbV
RT: 5.010 min Scan# 259
Delta R.T. 0.023 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 31 Resp: 22162

Ion	Ratio	Lower	Upper
31	100		
45	81.4	55.0	82.6

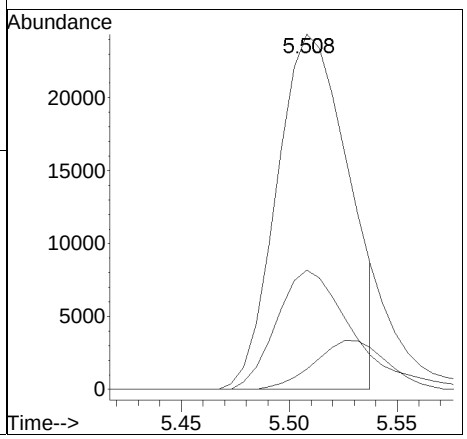


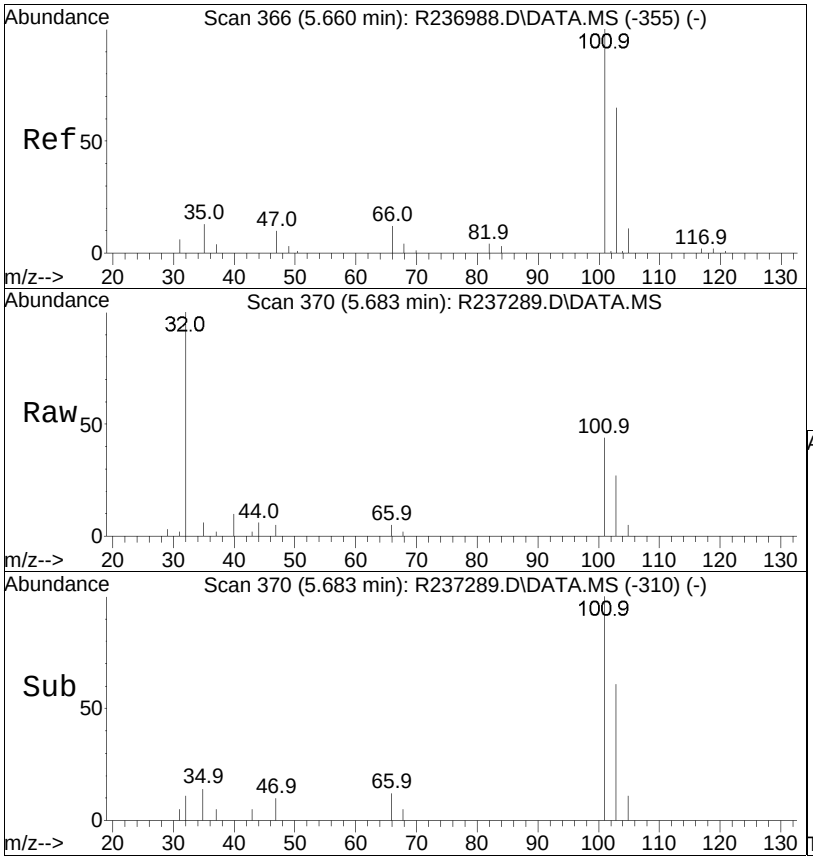


#19
acetone
Concen: 3.90 ppbV m
RT: 5.508 min Scan# 340
Delta R.T. 0.041 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 43 Resp: 56129

Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.2	39.4
57	5.7	0.7	1.1#

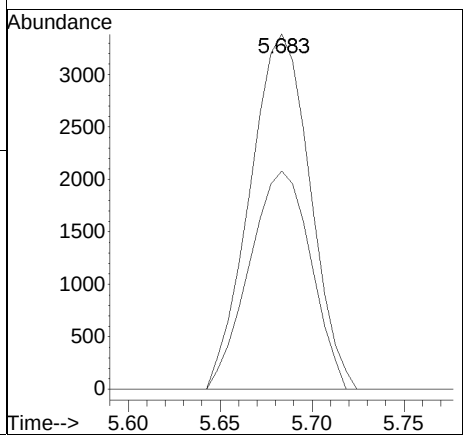


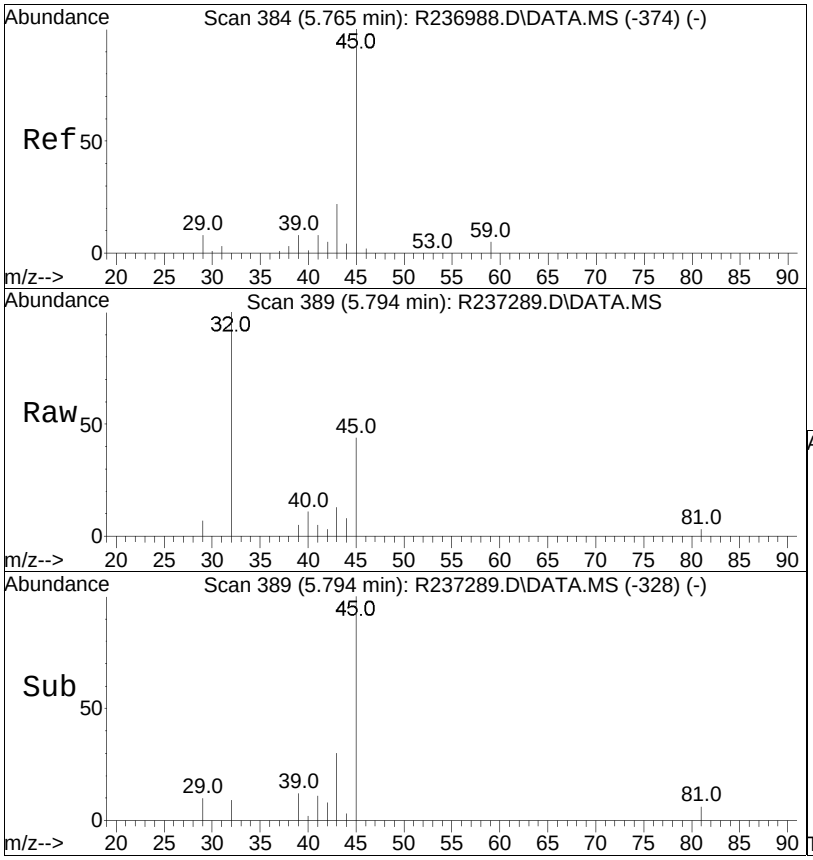


#21
trichlorofluoromethane
Concen: 0.18 ppbV
RT: 5.683 min Scan# 370
Delta R.T. 0.023 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion:101 Resp: 7717

Ion	Ratio	Lower	Upper
101	100		
103	61.5	52.1	78.1

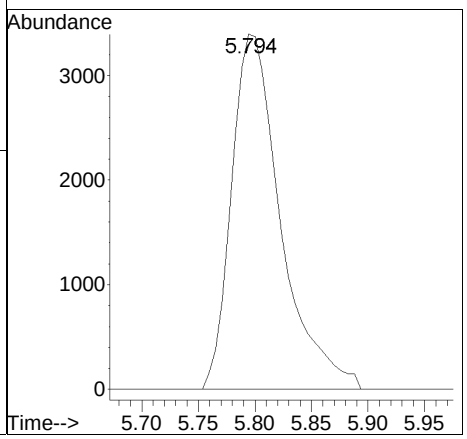


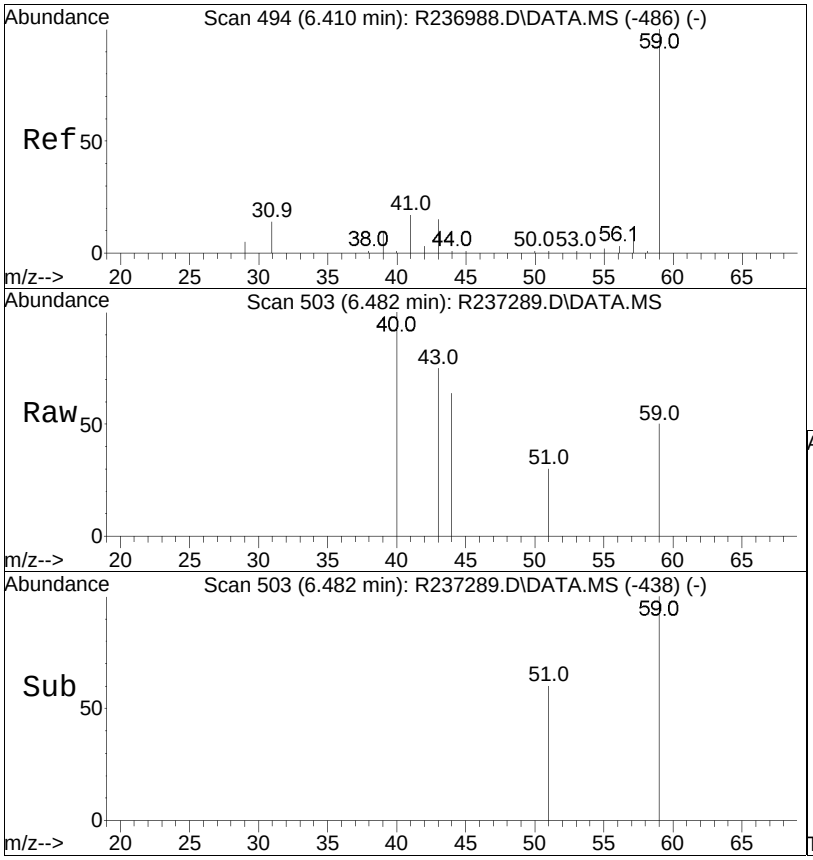


#22
isopropyl alcohol
Concen: 0.68 ppbV
RT: 5.794 min Scan# 389
Delta R.T. 0.029 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 45 Resp: 10283

Ion	Ratio	Lower	Upper
45	100		
59	0.0	3.8	5.6#

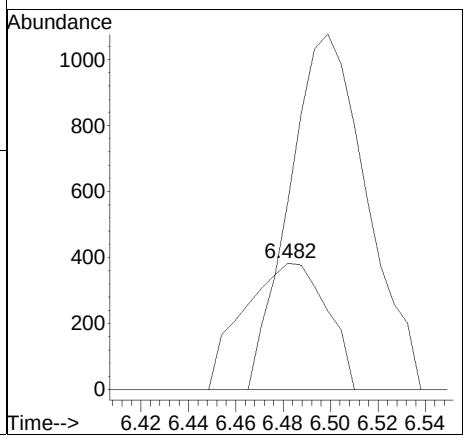


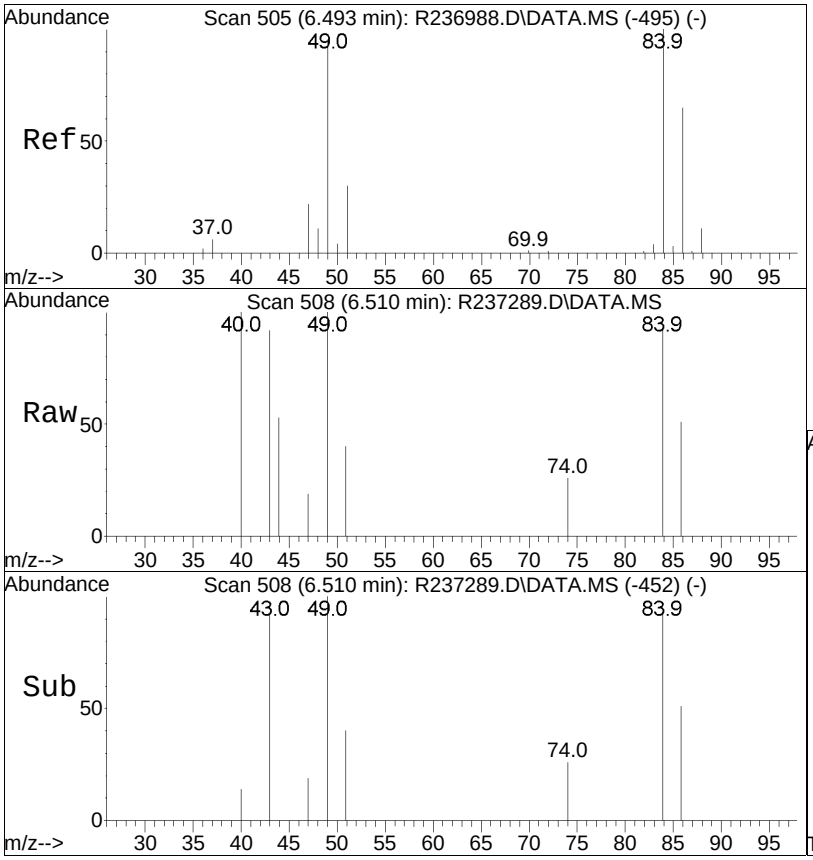


#27
tertiary butyl alcohol
Concen: 0.05 ppbV
RT: 6.482 min Scan# 503
Delta R.T. 0.072 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 59 Resp: 929

Ion	Ratio	Lower	Upper
59	100		
41	0.0	13.6	20.4#
43	149.3	11.7	17.5#

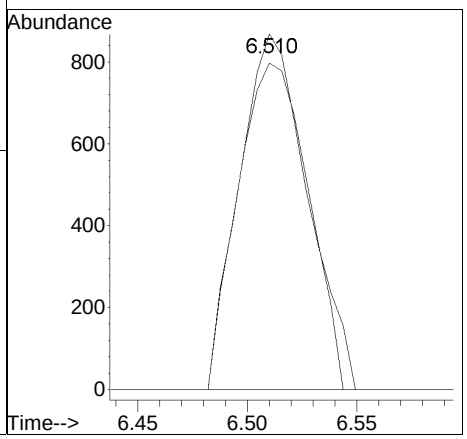


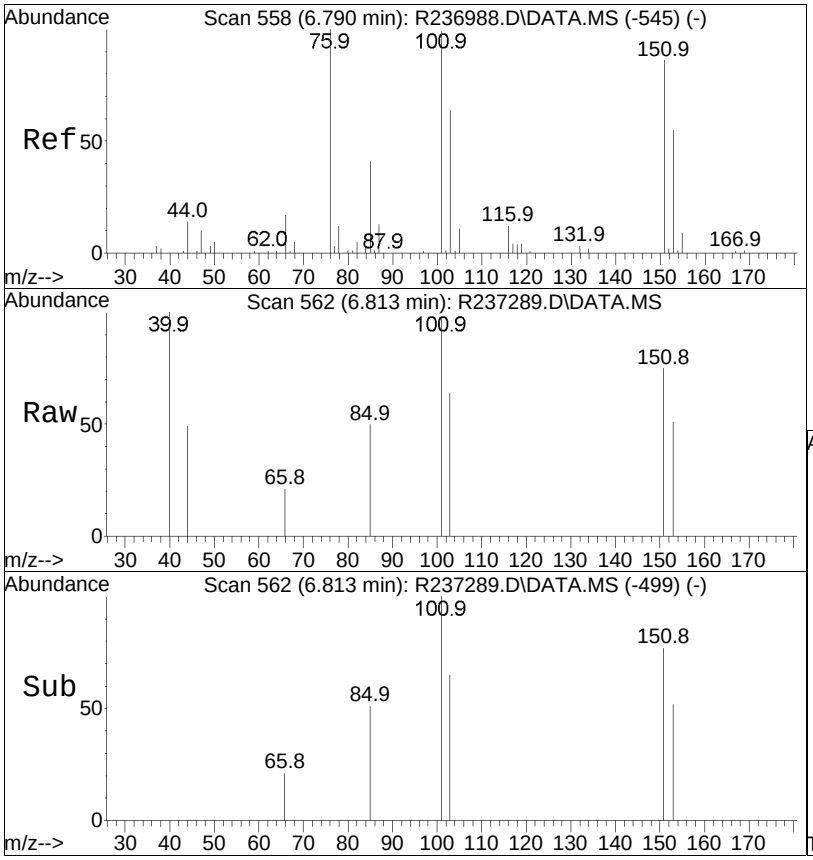


#28
methylene chloride
Concen: 0.15 ppbV
RT: 6.510 min Scan# 508
Delta R.T. 0.017 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 49 Resp: 1879

Ion	Ratio	Lower	Upper
49	100		
84	91.8	83.7	125.5

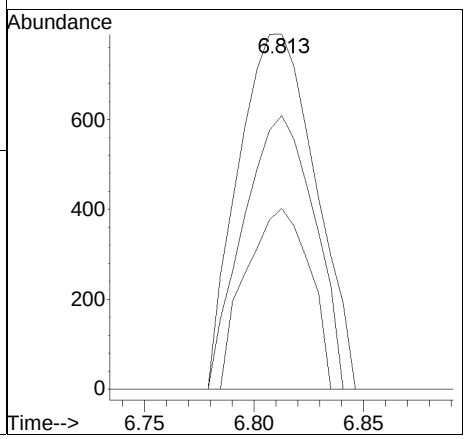


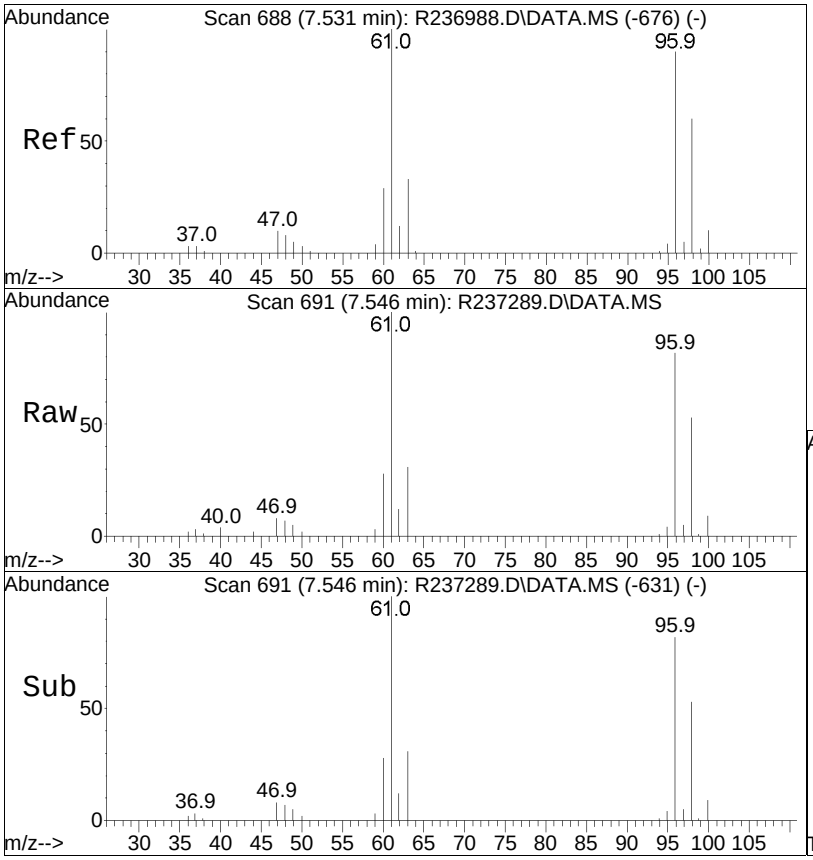


#31
Freon 113
Concen: 0.06 ppbV
RT: 6.813 min Scan# 562
Delta R.T. 0.022 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion:101 Resp: 1935

Ion	Ratio	Lower	Upper
101	100		
85	50.9	33.0	49.6#
151	77.1	69.8	104.8

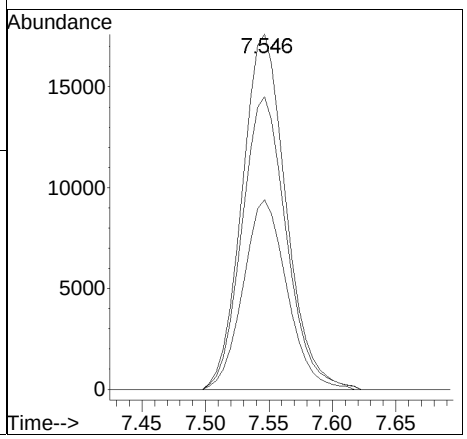


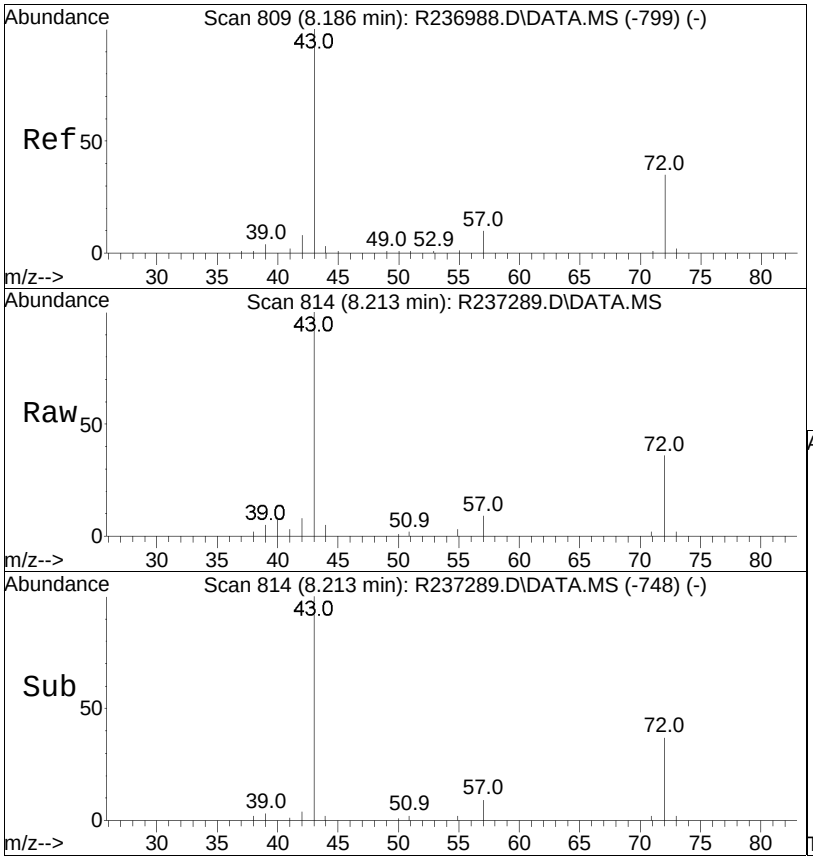


#32
trans-1,2-dichloroethene
Concen: 2.55 ppbV
RT: 7.546 min Scan# 691
Delta R.T. 0.016 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 61 Resp: 42429

Ion	Ratio	Lower	Upper
61	100		
96	82.4	72.4	108.6
98	53.4	47.7	71.5

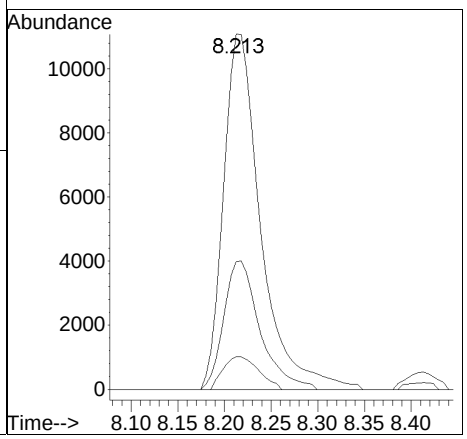


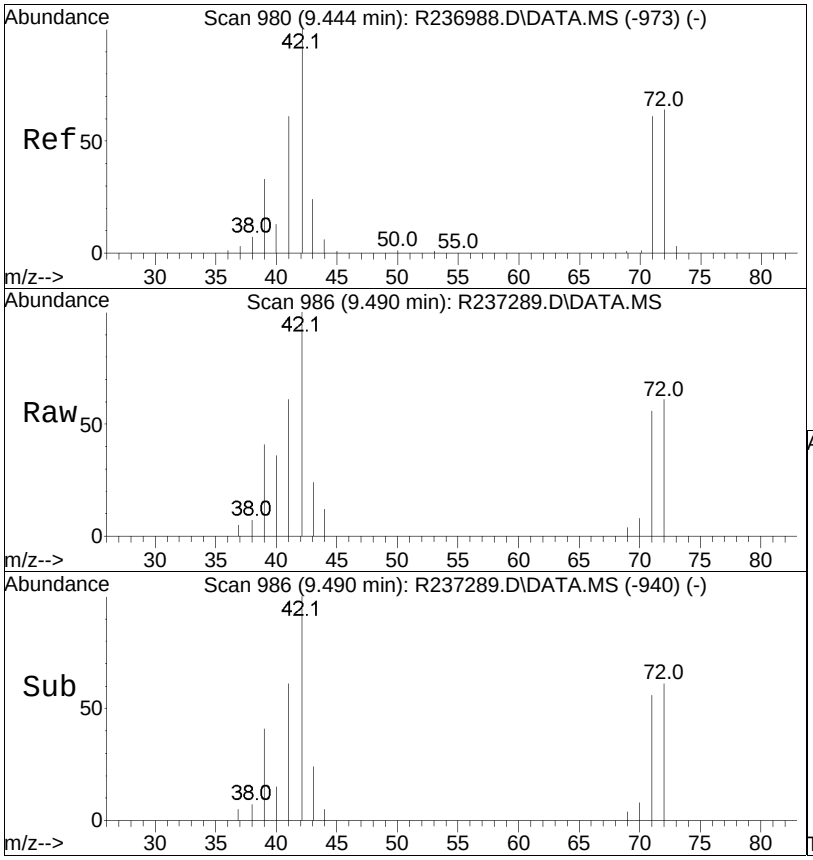


#36
2-butanone
Concen: 1.67 ppbV
RT: 8.213 min Scan# 814
Delta R.T. 0.027 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 43 Resp: 30763

Ion	Ratio	Lower	Upper
43	100		
72	36.0	27.8	41.6
57	9.2	7.7	11.5

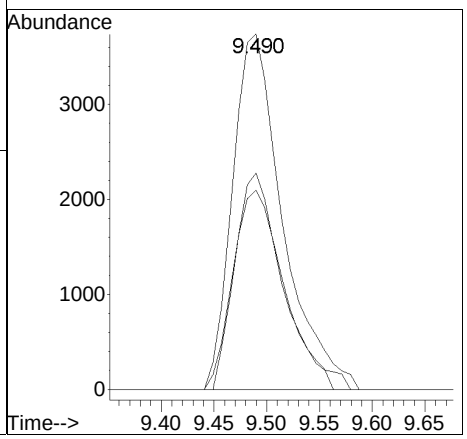


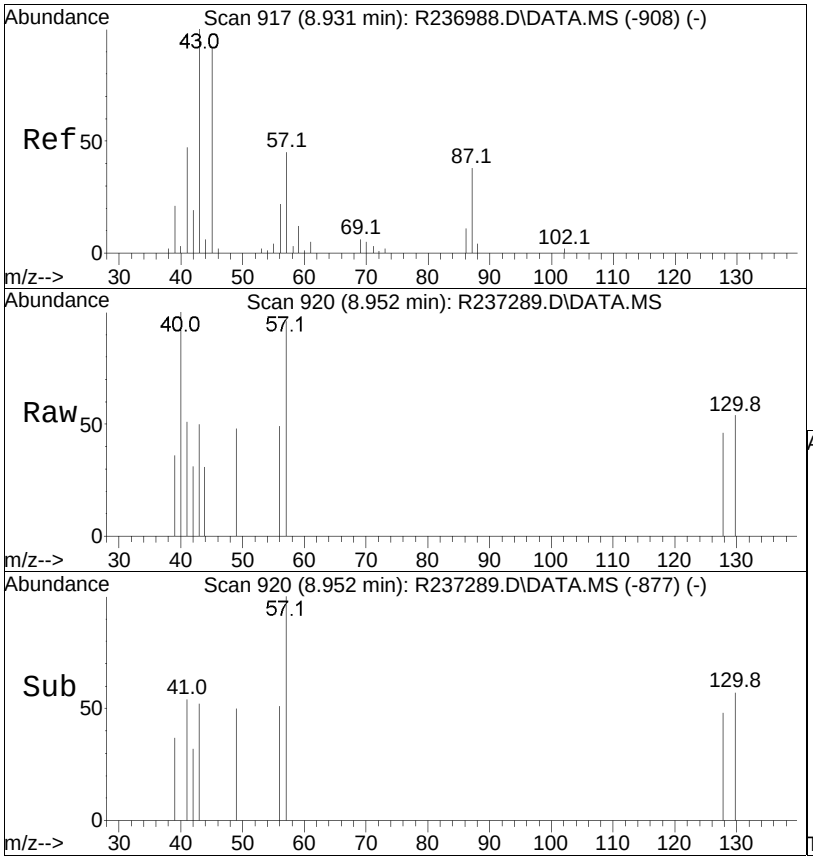


#40
Tetrahydrofuran
Concen: 1.31 ppbV
RT: 9.490 min Scan# 986
Delta R.T. 0.046 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 42 Resp: 12417

Ion	Ratio	Lower	Upper
42	100		
71	56.0	48.6	72.8
72	60.9	51.2	76.8

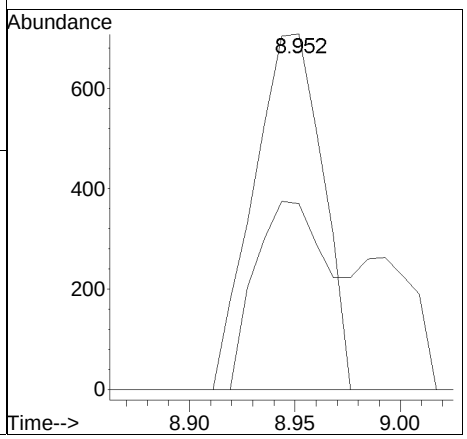


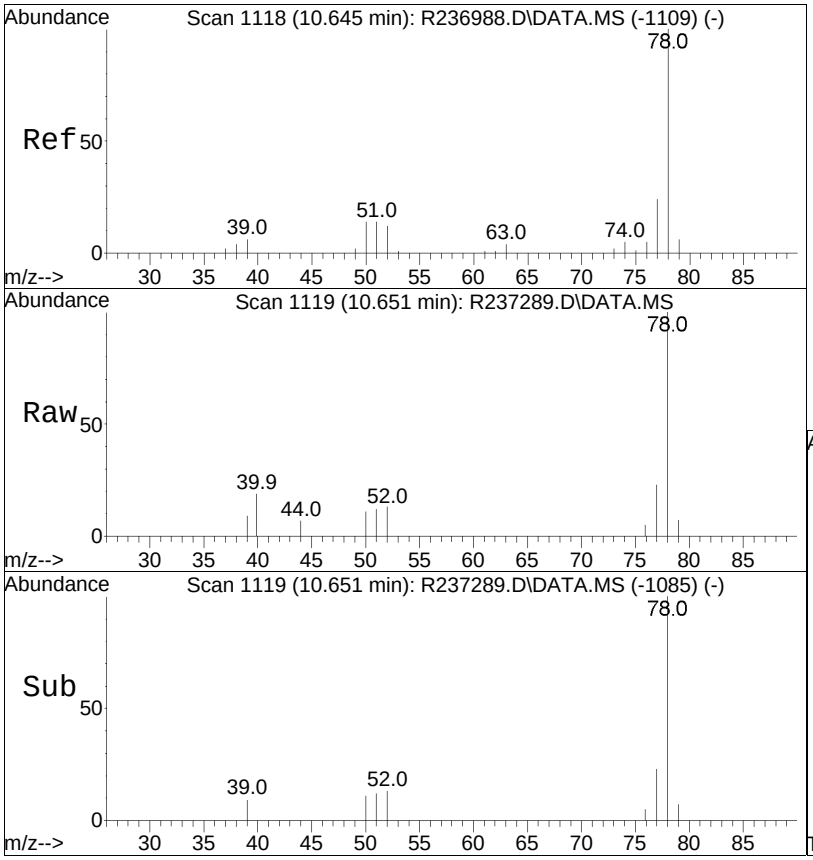


#44
hexane
Concen: 0.11 ppbV
RT: 8.952 min Scan# 920
Delta R.T. 0.021 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 57 Resp: 1603

Ion	Ratio	Lower	Upper
57	100		
43	52.3	177.1	265.7#
86	0.0	18.6	28.0#

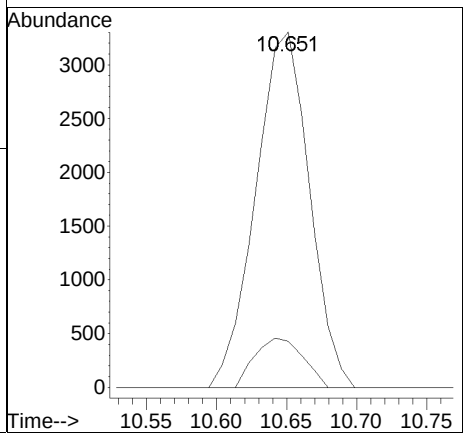


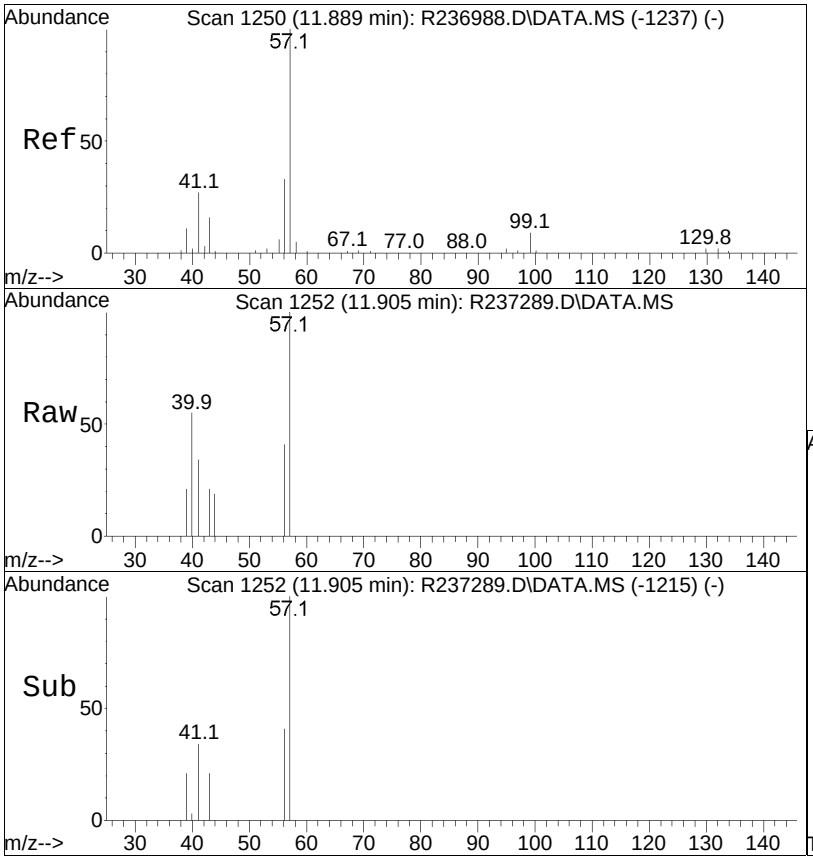


#50
benzene
Concen: 0.23 ppbV
RT: 10.651 min Scan# 1119
Delta R.T. 0.006 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 78 Resp: 8812

Ion	Ratio	Lower	Upper
78	100		
52	13.0	9.9	14.9

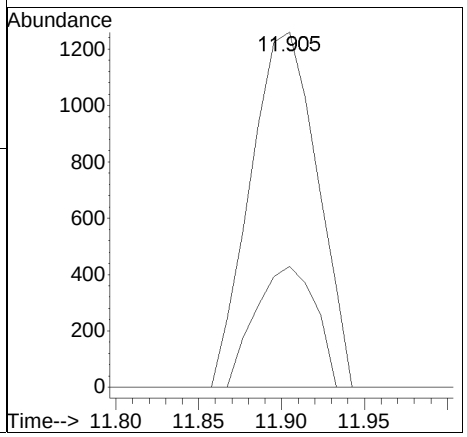


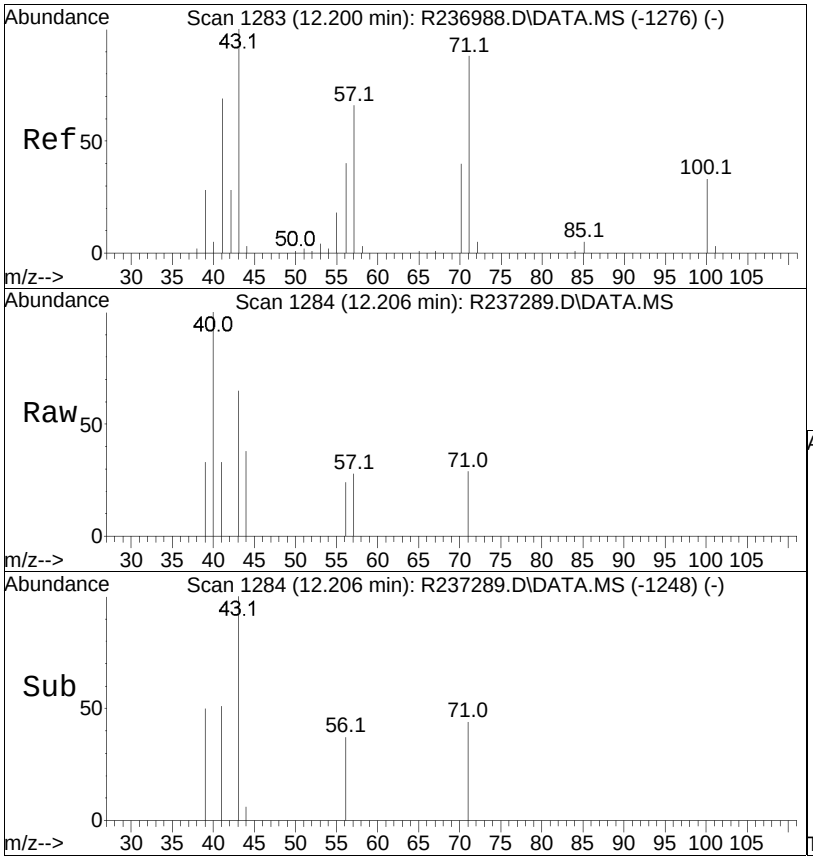


#60
2,2,4-trimethylpentane
Concen: 0.08 ppbV
RT: 11.905 min Scan# 1252
Delta R.T. 0.016 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 57 Resp: 3543

Ion	Ratio	Lower	Upper
57	100		
99	0.0	6.8	10.2#
41	34.0	21.8	32.8#

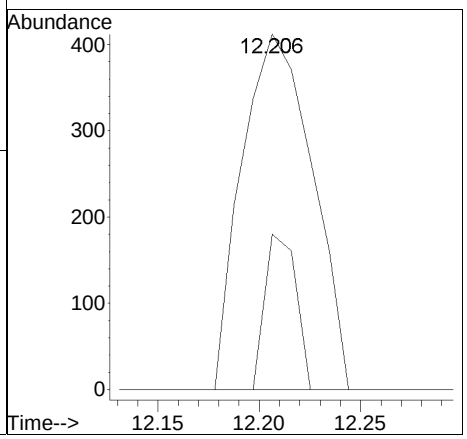


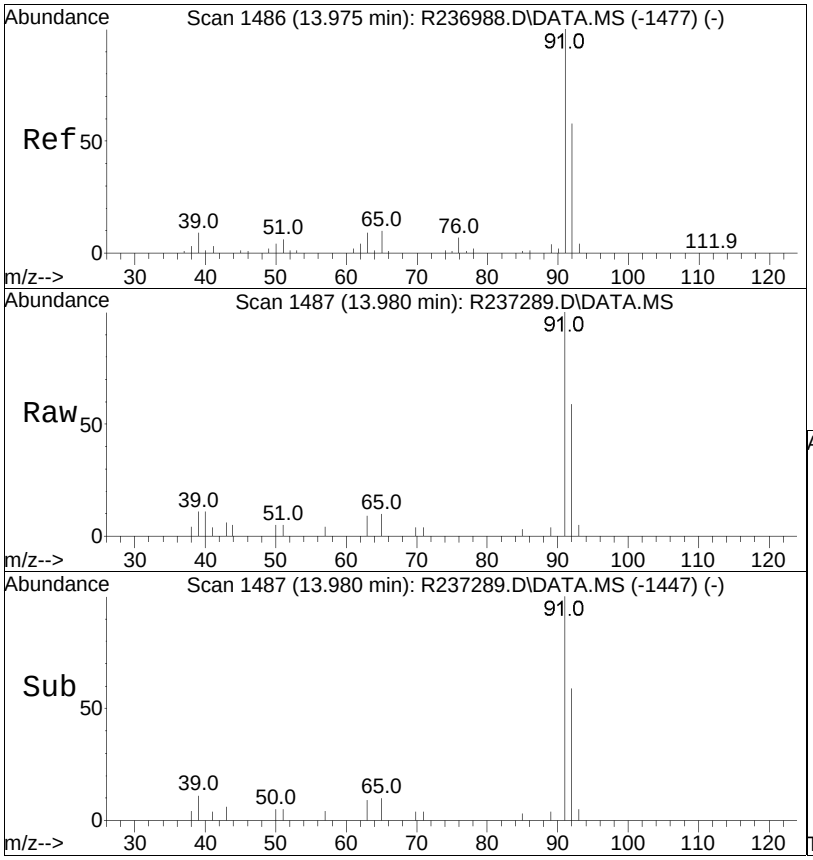


#62
heptane
Concen: 0.07 ppbV
RT: 12.206 min Scan# 1284
Delta R.T. 0.006 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 43 Resp: 996

Ion	Ratio	Lower	Upper
43	100		
57	43.7	52.8	79.2#
100	0.0	26.8	40.2#

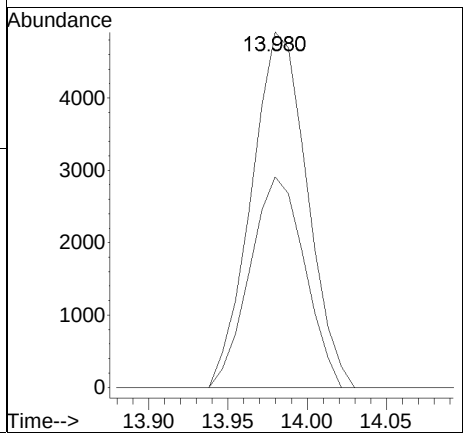


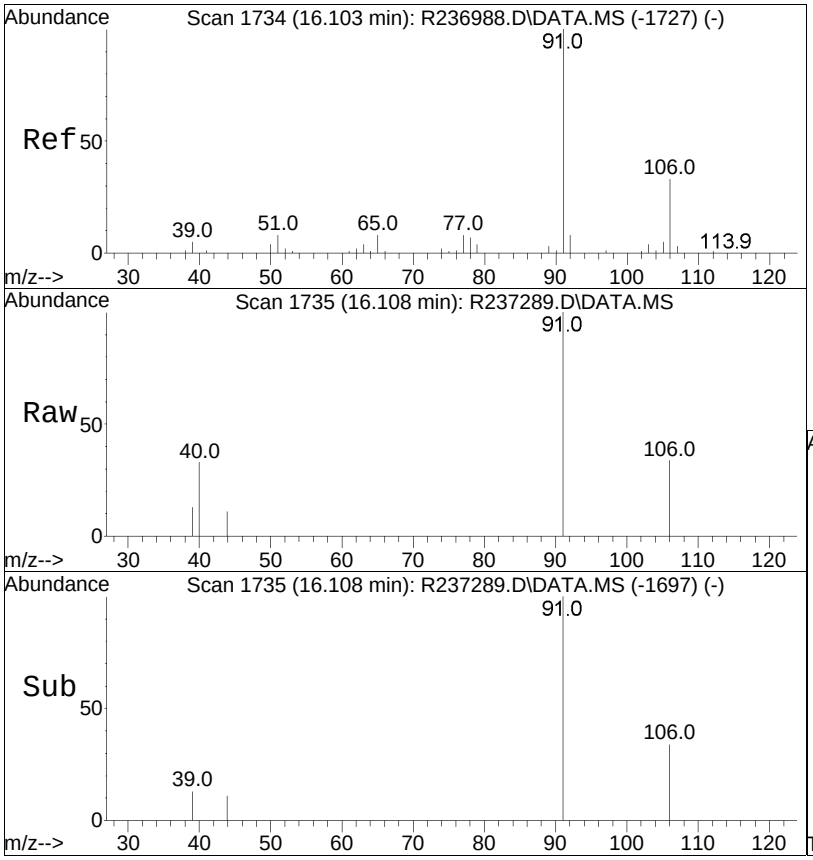


#68
toluene
Concen: 0.23 ppbV
RT: 13.980 min Scan# 1487
Delta R.T. 0.005 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 91 Resp: 12030

Ion	Ratio	Lower	Upper
91	100		
92	59.3	46.6	70.0

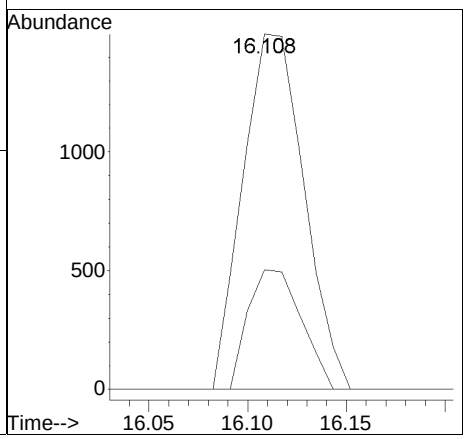


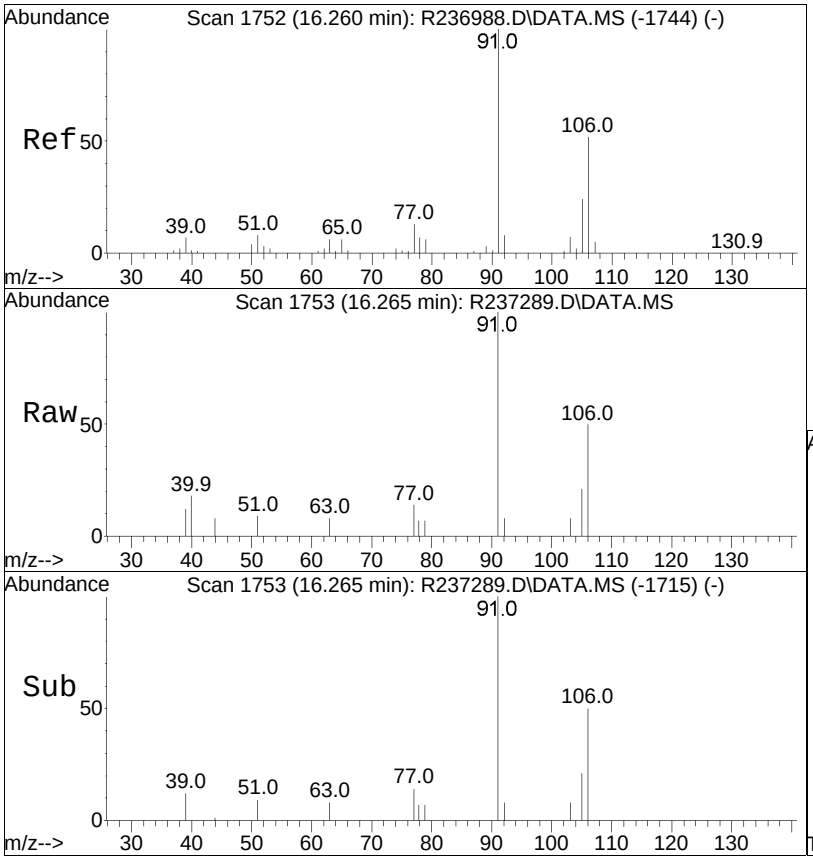


#81
ethylbenzene
Concen: 0.05 ppbV
RT: 16.108 min Scan# 1735
Delta R.T. 0.005 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 91 Resp: 3234

Ion	Ratio	Lower	Upper
91	100		
106	33.7	26.6	40.0

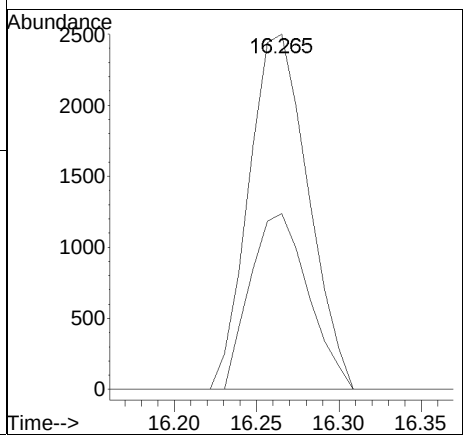


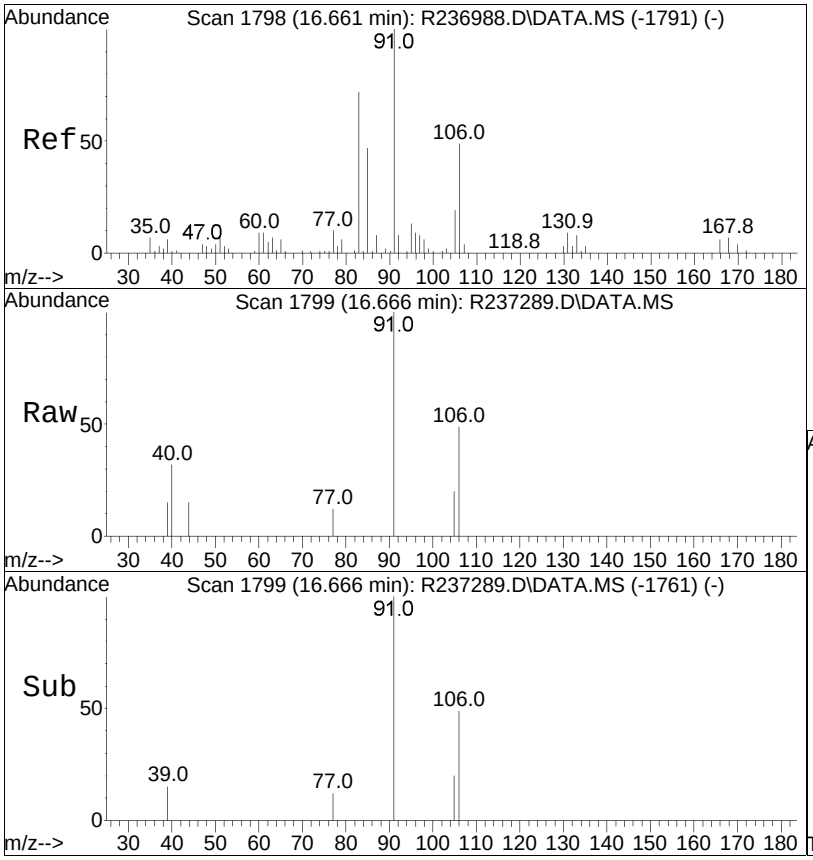


#83
m+p-xylene
Concen: 0.12 ppbV
RT: 16.265 min Scan# 1753
Delta R.T. 0.005 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 91 Resp: 6272

Ion	Ratio	Lower	Upper
91	100		
106	49.5	41.7	62.5

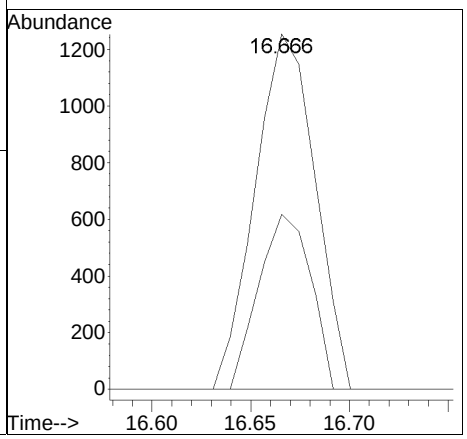


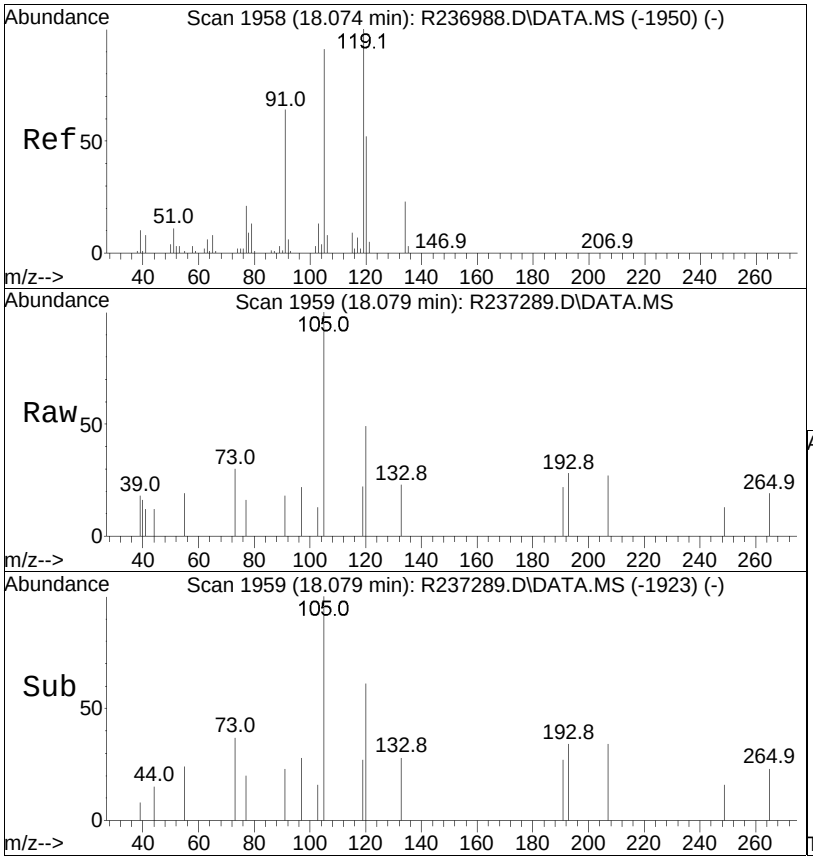


#87
o-xylene
Concen: 0.05 ppbV
RT: 16.666 min Scan# 1799
Delta R.T. 0.005 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 91 Resp: 2656

Ion	Ratio	Lower	Upper
91	100		
106	49.2	39.6	59.4

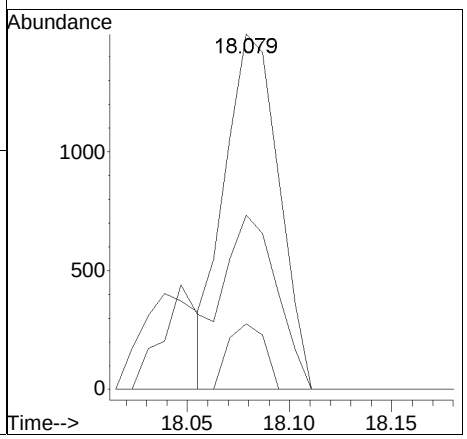




#99
1,2,4-trimethylbenzene
Concen: 0.05 ppbV m
RT: 18.079 min Scan# 1959
Delta R.T. 0.004 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion:105 Resp: 2764

Ion	Ratio	Lower	Upper
105	100		
120	49.1	45.9	68.9
91	18.4	56.2	84.2#

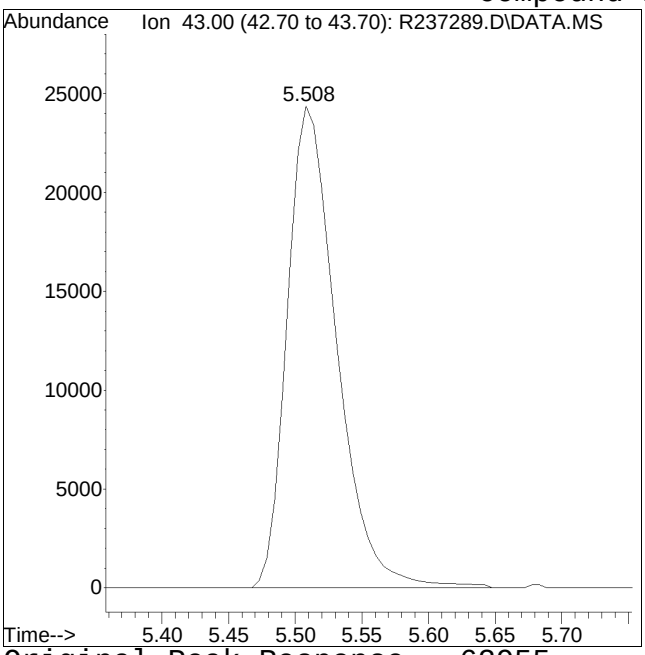


Manual Integration Report

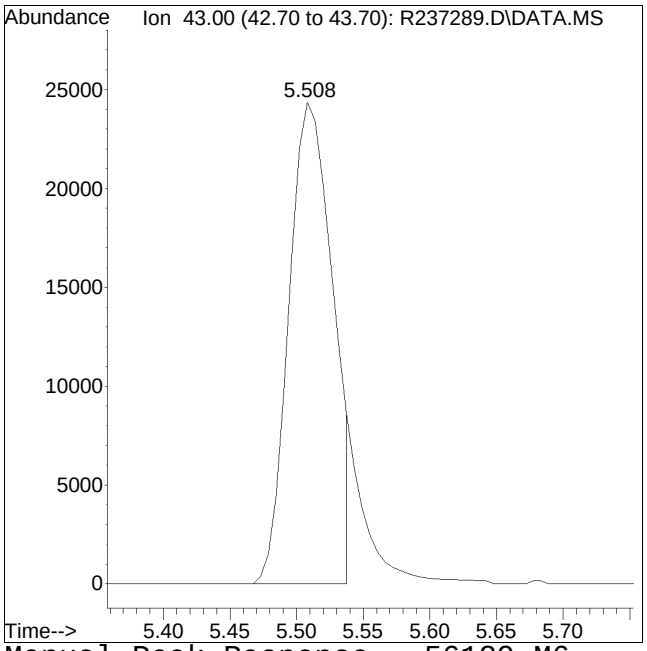
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R237289.D
Date Inj'd : 12/12/2025 1:41 am
Sample : WG2152814-5,3,250,250

Method : TFS23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/12/2025 8:58 am

Compound #19: acetone



Original Peak Response = 62955



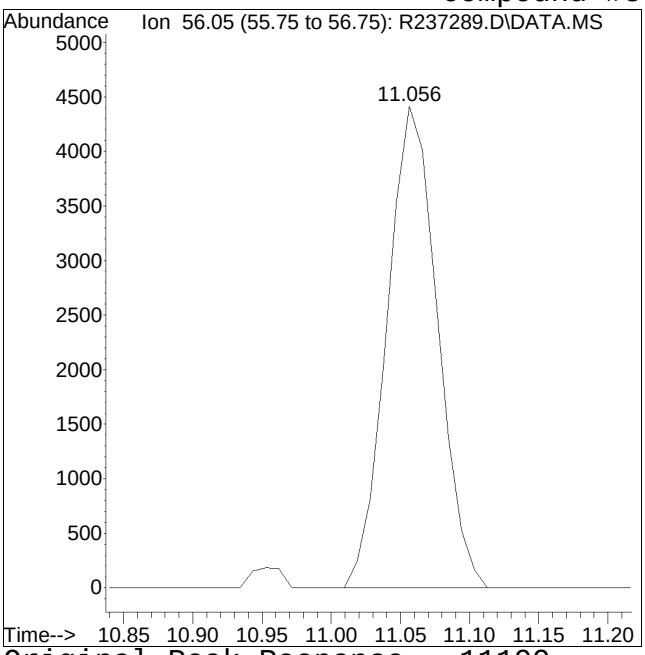
Manual Peak Response = 56129 M6

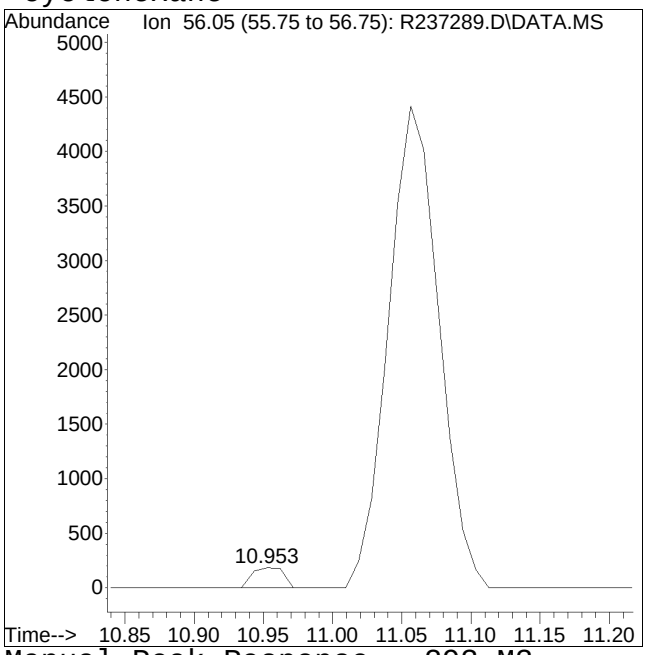
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R237289.D Operator : AIRLAB23:APR
Date Inj'd : 12/12/2025 1:41 am Instrument : Airlab 23
Sample : WG2152814-5,3,250,250 Quant Date : 12/12/2025 8:58 am

Compound #53: cyclohexane



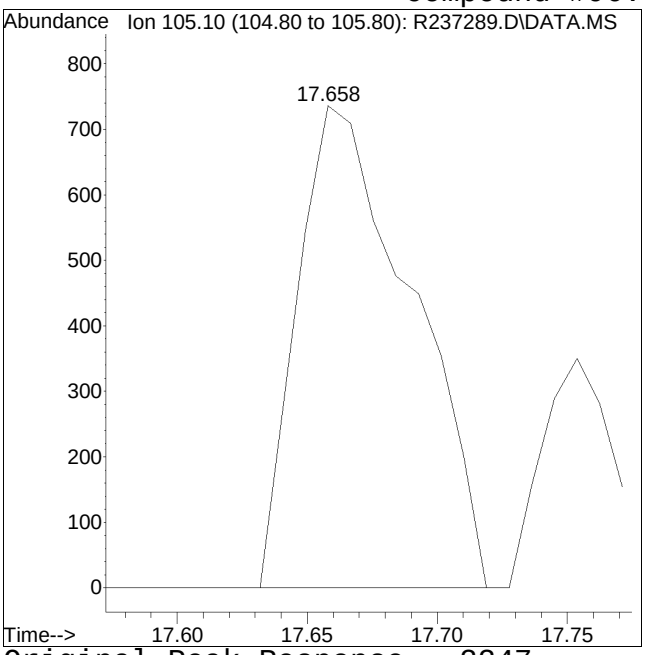


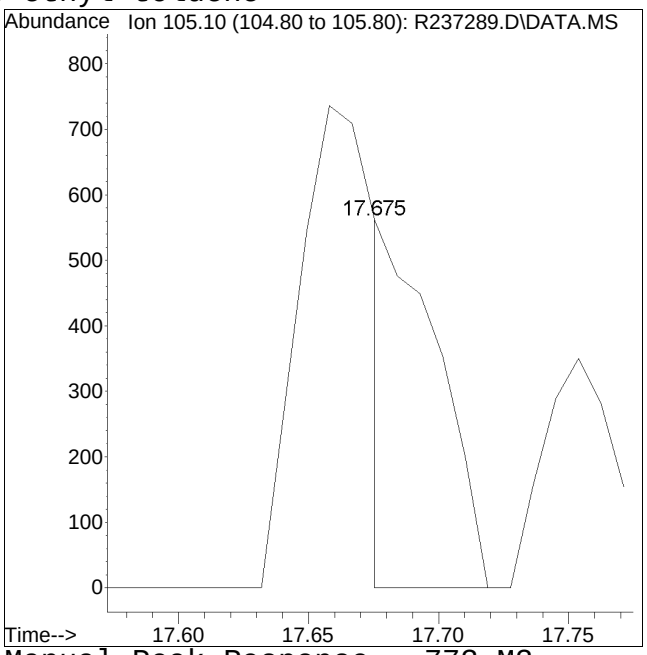
Original Peak Response = 11199 Manual Peak Response = 293 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R237289.D Operator : AIRLAB23:APR
Date Inj'd : 12/12/2025 1:41 am Instrument : Airlab 23
Sample : WG2152814-5,3,250,250 Quant Date : 12/12/2025 8:58 am

Compound #96: 4-ethyl toluene





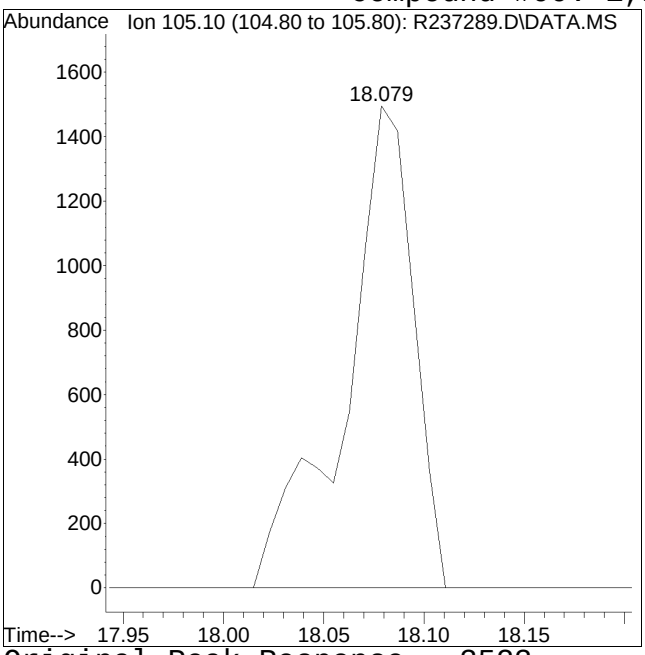
Original Peak Response = 2247 Manual Peak Response = 773 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

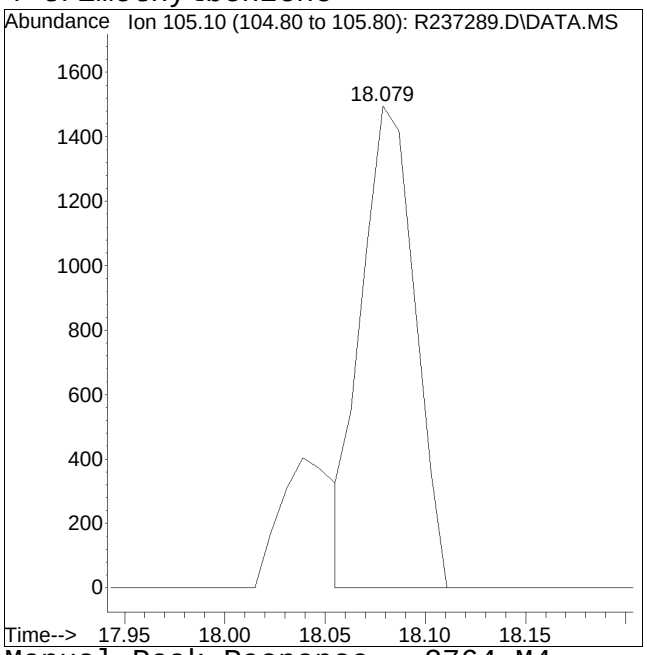
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R237289.D Operator : AIRLAB23:APR
Date Inj'd : 12/12/2025 1:41 am Instrument : Airlab 23
Sample : WG2152814-5,3,250,250 Quant Date : 12/12/2025 8:58 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 3523



Manual Peak Response = 2764 M4

M4 = Poor automated baseline construction.

Calculation of Volatile Organic Compounds in Air

The instrument will calculate the concentration (ppbv). If the sample is diluted (DF), the result is multiplied by the DF to generate the final result.

Result, ppbv = C_s x DF
Where:
C_s = Concentration of sample (ppbv)
DF = Dilution Factor

Calculation of Instrument Dilution Factor

For dilutions, smaller sample volumes (< 250mL) are analyzed. The smallest volume that can be analyzed with accuracy is 10 mL.

Samples that arrive at the laboratory with pressures below -15 inches Hg must be pressurized with zero air to greater than -15 inches Hg. This pressurization results in a dilution factor.

Calculation of Dilution Factor
$DF = V_{cf} / V_{ci}$
Where:
V_{ci} = volume of air in canister prior to pressurization, L
P =

Conversion of ppbv to ug/m^3
ug/m^3 = (ppbv) * MW / 24.47
Where:
24.47 = molar gas constant (g/g-mole)
MW = molecular weight of the compound of interest

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

$V_{ci} = 2.7 * Pl/14.696$

Step 2: Calculate the volume in the canister after pressurization.

$V_{cf} = 2.7 * PF/14.696$

Step 3: Calculate the dilution factor.

$DF = V_{cf} / V_{ci}$

Where:

V_{ci} = volume of air in canister prior to pressurization, L
PI = pressure reading of canister prior to pressurization (psia)
V_{cf} = volume of air in canister after pressurization, L
PF = pressure reading of canister after pressurization (psia)
DF = dilution factor
14.696 = atmospheric pressure (psia)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 12 2025, 01:46 pm

Work Group: WG2152814 for Department: 3 GC/MS

Created: 11-DEC-25 Due: Operator: BJB

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2576049-01	TRC-IA-11	S	TO15-LL	AIR	DONE	U	1225	1212	S0	Can-6
L2576049-02	TRC-IA-12	S	TO15-LL	AIR	DONE	U	1225	1212	S0	Can-6
L2576049-03	TRC-AA-01	S	TO15-LL	AIR	DONE	U	1225	1212	S0	Can-6
L2576218-01	APC-S-403-112625	S	TO15-LL	AIR	DONE	U	1226	1215	S0	Can-1
L2576218-02	APC-S-406-112625	S	TO15-LL	AIR	DONE	U	1226	1215	S0	Can-1
L2576406-01	SV-1	S	TO15-LL	SOIL_VAPOR	DONE	U	1231	1215	S0	Can-6
L2576419-01	5027:SVE-INF:SG11252025	S	TO15-LL	SOIL_VAPOR	DONE	U	1225	1215	S0	Can-2.7
L2576518-01	SV-03_20251202	S	TO15-LL	SOIL_VAPOR	DONE	U	0101	1216	S0	Can-6
L2576518-02	SV-04_20251202	S	TO15-LL	SOIL_VAPOR	DONE	U	0101	1216	S0	Can-6
L2576518-03	SV-05_20251202	S	TO15-LL	SOIL_VAPOR	DONE	U	0101	1216	S0	Can-6
L2576518-04	SV-06_20251202	S	TO15-LL	SOIL_VAPOR	DONE	U	0101	1216	S0	Can-6
L2577844-01	SVE-INF	S	TO15-LL	SOIL_VAPOR	DONE	U	0107	1215	S0	Tedlar-Poly5
L2577844-02	SVE-EFF	S	TO15-LL	SOIL_VAPOR	DONE	U	0107	1215	S0	Tedlar-Poly5
L2578655-01	IA-01_20251209	S	TO15-LL	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-02	IA-02_20251209	S	TO15-LL	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-03	IA-03_20251209	S	TO15-LL	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-04	IA-04_20251209	S	TO15-LL	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-05	IA-05_20251209	S	TO15-LL	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-06	AA-01_20251209	S	TO15-LL	AIR	DONE	U	0109	1212	1B	Can-6
WG2152814-1	MS BFB Tune Standard	S	TO15-LL	AIR	DONE	U				
WG2152814-1	MS BFB Tune Standard	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2152814-2	Continuing Calibrati	S	TO15-LL	AIR	DONE	U				
WG2152814-2	Continuing Calibrati	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2152814-3	Laboratory Control S	S	TO15-LL	AIR	DONE	U				
WG2152814-3	Laboratory Control S	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2152814-4	Laboratory Method Bl	S	TO15-LL	AIR	DONE	U				
WG2152814-4	Laboratory Method Bl	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2152814-5	Duplicate Sample	S	TO15-LL	AIR	DONE	U				
WG2152814-5	Duplicate Sample	S	TO15-LL	SOIL_VAPOR	DONE	U				

Comments:

WG2152814-5 L2578655-05

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRLAB23

Internal Standard/Surrogate IDs: SS24-016 / SS24-017

Date: 11/21/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: DJR

Sequence File Name: 251121.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	BA23112101	TO15_SFS.M	R236977.D	250 mL			NA
1	BA23112102	TO15_SFS.M	R236978.D	250 mL			NA
1	BA23112103	TO15_SFS.M	R236979.D	250 mL			NA
1	TA23112101	TO15_SFS.M	R236980.D	250 mL	TUNE		NA
5	ITO15-SIMSTD0.02	TO15_SFS.M	R236981.D	SS25-037D 50 mL	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.05	TO15_SFS.M	R236982.D	SS25-037D 125 mL	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.1	TO15_SFS.M	R236983.D	SS25-037D 250 mL	SIM ONLY	DEF	NA
6	ITO15-SIMSTD0.2	TO15_SFS.M	R236984.D	SS25-037C 50 mL		DEF	NA
6	ITO15-SIMSTD0.5	TO15_SFS.M	R236985.D	SS25-037C 125 mL		DEF	NA
6	ITO15-SIMSTD1.0	TO15_SFS.M	R236986.D	SS25-037C 250 mL		DEF	NA
7	ITO15-SIMSTD5.0	TO15_SFS.M	R236987.D	SS25-037B 125 mL		DEF	NA
7	ITO15-SIMSTD010	TO15_SFS.M	R236988.D	SS25-037B 250 mL		DEF	NA
8	ITO15-SIMSTD020	TO15_SFS.M	R236989.D	SS25-037A 50 mL		DEF	NA
8	ITO15-SIMSTD050	TO15_SFS.M	R236990.D	SS25-037A 125 mL		DEF	NA
8	ITO15-LLSTD100	TO15_SFS.M	R236991.D	SS25-037A 250 mL	LL ONLY	DEF	NA
1	BA23112101	TO15_SFS.M	R236992.D	250 mL			NA
1	BA23112102	TO15_SFS.M	R236993.D	250 mL			NA
2	CTO15-LLSTD010	TO15_SFS.M	R236994.D	SS25-035C 250 mL	LL ICV	DEF-ICV	NA
2	CTO15-SIMSTD5.0	TO15_SFS.M	R236995.D	SS25-035C 125 mL	SIM ICV	DEF-ICV	NA

Alpha Analytical Air Lab
Instrument Run Log

Date Acquired: see Instrument Performance Check Summary and/or quantitation report.

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (ml), nominal volume analyzed

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRLAB23

Internal Standard/Surrogate IDs: SS24-016 / SS24-017

Date: 12/11/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: BJB

Sequence File Name: 251211.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	TA23120601	TO15_SFS.M	R237275.D	250 mL	DO NOT USE		NA
2	APH CC	TO15_SFS.M	R237276.D	SS25-034D 125 mL	USE AS TUNE		NA
3	CA23120601	TO15_SFS.M	R237277.D	SS25-033H 250 mL	LL CC		NA
4	CTO15-LLSTD010	TO15_SFS.M	R237278.D	SS25-039E 250 mL	LL LCS		NA
4	CTO15-SIMSTD05	TO15_SFS.M	R237279.D	SS25-039E 125 mL	SIM LCS	NARRATE VA OUT LOW/ RISKING T13DCP	NA
	PAUSE	TO15_SFS.M					NA
1	BA23120601	TO15_SFS.M	R237280.D	250 mL	LL B LANK		NA
1	BA23120602	TO15_SFS.M	R237281.D	250 mL	SIM BLANK		NA
2	L2576049-03,3,250,250	TO15_SFS.M	R237282.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
3	L2578655-06,3,250,250	TO15_SFS.M	R237283.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
4	L2578655-01,3,250,250	TO15_SFS.M	R237284.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
5	L2578655-02,3,250,250	TO15_SFS.M	R237285.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
6	L2578655-03,3,250,250	TO15_SFS.M	R237286.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
7	L2578655-04,3,250,250	TO15_SFS.M	R237287.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
8	L2578655-05,3,250,250	TO15_SFS.M	R237288.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
8	L2578655-05DUP,3,250,250	TO15_SFS.M	R237289.D	WG2152814,ICAL22840	LL/SIM DUP	NY+NAPH-7SIM	Y
9	L2576049-01,3,250,250	TO15_SFS.M	R237290.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
10	L2576049-02,3,250,250	TO15_SFS.M	R237291.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
11	L2576834-01,3,250,250	TO15_SFS.M	R237292.D	WG2152815,ICAL22841		STD+NAPH BY SIM	Y
12	L2576419-01D,3,75,250	TO15_SFS.M	R237293.D	WG2152814,ICAL22840		STD+NAPH	Y
13	L2576218-01D,3,75,250	TO15_SFS.M	R237294.D	WG2152815,ICAL22841		STD+NAPH BY SIM/ 2CT+ METHYLMETHACRYLATE BY LL	Y

Alpha Analytical Air Lab
Instrument Run Log

14	L2576218-02,3,250,250	TO15_SFS.M	R237295.D	WG2152815,ICAL22841		STD+NAPH BY SIM/ 2CT+ METHYLMETHACRYLATE BY LL	Y
15	L2576406-01,3,250,250	TO15_SFS.M	R237296.D	WG2152814,ICAL22840		NY+NAPH	Y
16	L2576518-01,3,250,250	TO15_SFS.M	R237297.D	WG2152814,ICAL22840		NY+NAPH	Y
1	L2576518-02,3,250,250	TO15_SFS.M	R237298.D	WG2152814,ICAL22840		NY+NAPH	Y
2	L2576518-03,3,250,250	TO15_SFS.M	R237299.D	WG2152814,ICAL22840		NY+NAPH	Y
3	L2576518-04,3,250,250	TO15_SFS.M	R237300.D	WG2152814,ICAL22840		NY+NAPH	Y
4	L2577844-01D,3,11.19,250	TO15_SFS.M	R237301.D	WG2152814,ICAL22840		NY+NAPH	Y
5	L2577844-02D,3,75,250	TO15_SFS.M	R237302.D	WG2152814,ICAL22840		NY+NAPH	Y

Date Acquired: see Instrument Performance Check Summary and/or quantitation report.

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (ml), nominal volume analyzed

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2610159

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Project Name: 1885 ATLANTIC AVE.
Project Number: 0205125

Lab Number: L2610159
Report Date: 03/05/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2610159-01	SVE-EFF	SOIL_VAPOR	1885 ATLANTIC AVE., BROOKLYN, NY	02/26/26 08:45	02/26/26
L2610159-02	SVE-INF	SOIL_VAPOR	1885 ATLANTIC AVE., BROOKLYN, NY	02/26/26 10:00	02/26/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Volatile Organics in Air

L2610159-01D: Samples were transferred from a Tedlar bag into a fused silica lined canister upon receipt in order to extend the holding time for analysis.

L2610159-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2610159-02D: Samples were transferred from a Tedlar bag into a fused silica lined canister upon receipt in order to extend the holding time for analysis.

L2610159-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

The WG2181463-3 LCS recovery associated with L2610159-01D and -02D is above the upper 130% acceptance limit for 1,3-dichlorobenzene (131%), and 1,2,4-trichlorobenzene (138%). All samples associated with this LCS do not have reportable amounts of this analyte.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J Anderson Report Date: 03/05/26

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

ND or U - Not detected at the reporting limit (RL) for the sample.

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Pace Job Number : L2610159

Account Name : Haley & Aldrich
Project Number : 0205125
Project Name : 1885 ATLANTIC AVE.

Received : 26-FEB-2026
Reviewer : Christopher J Anderson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Present/Intact/N/A			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Mar 05 2026, 08:13 pm

Login Number: L2610159
Account: HALEY-NYC Haley & AldrichProject: 0205125
Received: 26FEB26 Due Date: 05MAR26

Sample #	Client ID	Mat	PR	Collected
L2610159-01	SVE-EFF	11	S0	26FEB26 08:45
| ASP-B Package Due Date: 03/05/26				
ASP-B,TEDLAR-POLY5,TO15-LL				
L2610159-02	SVE-INF	11	S0	26FEB26 10:00
| Package Due Date: 03/05/26				
TEDLAR-POLY5,TO15-LL				

Logged By: Christopher J Anderson

AIR ANALYSIS

PAGE 1 OF 1

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 02/27/26

Pace® Job #: L2610159

Client Information

Client: H&A of New York
Address: 213 W 35th Street, FL 7
New York, New York 10001
Phone: 973-658-3904
Fax:
Email: MForshay@haleyaldrich.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: 1885 Atlantic AVE
Project Location: 1885 Atlantic Ave, Brooklyn
Project #: 0205125
Project Manager: Matt Forshay
Pace® Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15		Sample Comments (i.e. PID)
10159-01	SVE-EFF	02/26/26	08:45	–			SV	TOR	–	–	–	X						5-L Tedlar bag
-02	SVE-INF	02/26/26	10:00	–			SV	TOR	–	–	–	X						5-L Tedlar bag

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: T

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Talia Ritchie	02/26/26 11:33	K. Hamo	2/26/26 11:33
K. Hamo	2/26/26 16:05	NJSC Paul Mazzella	2/26/26 16:05
Paul Mazzella	2/26/26		2/26/26 1700

Form [illegible] (Sep-15)

Organics

Volatile Organics in Air
TO-15 Low Level

Volatiles QC Summary

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2610159
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2181463-3	**Analysis Date** : 03/04/26 13:48	**File ID** : r281646
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
Dichlorodifluoromethane	10	7.37	74				-	70-130	-
Chloromethane	10	9.27	93				-	70-130	-
Freon-114	10	9.46	95				-	70-130	-
Vinyl chloride	10	9.05	90				-	70-130	-
1,3-Butadiene	10	8.90	89				-	70-130	-
Bromomethane	10	11.1	111				-	70-130	-
Chloroethane	10	10.4	104				-	70-130	-
Ethanol	50	36.0	72				-	40-160	-
Vinyl bromide	10	9.30	93				-	70-130	-
Acetone	50	57.0	114				-	40-160	-
Trichlorofluoromethane	10	10.1	101				-	70-130	-
Isopropanol	25	21.6	86				-	40-160	-
1,1-Dichloroethene	10	10.7	107				-	70-130	-
Tertiary butyl Alcohol	10	8.14	81				-	70-130	-
Methylene chloride	10	10.6	106				-	70-130	-
3-Chloropropene	10	10.9	109				-	70-130	-
Carbon disulfide	10	9.73	97				-	70-130	-
Freon-113	10	11.3	113				-	70-130	-
trans-1,2-Dichloroethene	10	10.6	106				-	70-130	-
1,1-Dichloroethane	10	10.3	103				-	70-130	-
Methyl tert butyl ether	10	10.8	108				-	70-130	-
2-Butanone	10	12.0	120				-	70-130	-
cis-1,2-Dichloroethene	10	10.6	106				-	70-130	-
Ethyl Acetate	10	11.6	116				-	70-130	-
Chloroform	10	10.9	109				-	70-130	-
Tetrahydrofuran	10	12.9	129				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2610159
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2181463-3	**Analysis Date** : 03/04/26 13:48	**File ID** : r281646
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dichloroethane	10	9.46	95				-	70-130	-
n-Hexane	10	9.30	93				-	70-130	-
1,1,1-Trichloroethane	10	10.0	100				-	70-130	-
Benzene	10	9.92	99				-	70-130	-
Carbon tetrachloride	10	9.84	98				-	70-130	-
Cyclohexane	10	9.85	98				-	70-130	-
1,2-Dichloropropane	10	10.1	101				-	70-130	-
Bromodichloromethane	10	10.3	103				-	70-130	-
1,4-Dioxane	10	10.2	102				-	70-130	-
Trichloroethene	10	11.1	111				-	70-130	-
2,2,4-Trimethylpentane	10	10.1	101				-	70-130	-
Heptane	10	11.5	115				-	70-130	-
cis-1,3-Dichloropropene	10	11.1	111				-	70-130	-
4-Methyl-2-pentanone	10	11.3	113				-	70-130	-
trans-1,3-Dichloropropene	10	11.2	112				-	70-130	-
1,1,2-Trichloroethane	10	10.2	102				-	70-130	-
Toluene	10	12.1	121				-	70-130	-
2-Hexanone	10	12.1	121				-	70-130	-
Dibromochloromethane	10	12.3	123				-	70-130	-
1,2-Dibromoethane	10	11.7	117				-	70-130	-
Tetrachloroethene	10	11.9	119				-	70-130	-
Chlorobenzene	10	11.3	113				-	70-130	-
Ethylbenzene	10	11.8	118				-	70-130	-
p/m-Xylene	20	23.8	119				-	70-130	-
Bromoform	10	12.1	121				-	70-130	-
Styrene	10	11.6	116				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2610159
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2181463-3	**Analysis Date** : 03/04/26 13:48	**File ID** : r281646
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
1,1,2,2-Tetrachloroethane	10	12.1	121				-	70-130	-
o-Xylene	10	11.9	119				-	70-130	-
4-Ethyltoluene	10	11.6	116				-	70-130	-
1,3,5-Trimethylbenzene	10	11.9	119				-	70-130	-
1,2,4-Trimethylbenzene	10	12.0	120				-	70-130	-
Benzyl chloride	10	8.98	90				-	70-130	-
1,3-Dichlorobenzene	10	13.1	131 Q				-	70-130	-
1,4-Dichlorobenzene	10	12.8	128				-	70-130	-
1,2-Dichlorobenzene	10	12.7	127				-	70-130	-
1,2,4-Trichlorobenzene	10	13.8	138 Q				-	70-130	-
Naphthalene	10	13.0	130				-	70-130	-
Hexachlorobutadiene	10	12.9	129				-	70-130	-

Method Blank Summary
Form 4
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2610159
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Lab Sample ID	: WG2181463-4	**Lab File ID**	: r281649
Instrument ID	: AIRLAB28		
Matrix	: AIR	**Analysis Date**	: 03/04/26 18:57

Client Sample No.	Lab Sample ID	Analysis Date
WG2181463-3LCS	WG2181463-3	03/04/26 13:48
213 PLAYTER BDUP	WG2181463-5	03/04/26 23:50
SVE-EFF	L2610159-01D	03/05/26 06:24
SVE-INF	L2610159-02D	03/05/26 06:55

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2610159
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB28	**Analysis Date**	: 02/10/26 06:18
Tune Standard	: WG2174496-1	**Tune File ID**	: r281198_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	9.5
75	30.0 - 66.0% of mass 95	30.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.3 (.5)1
174	50.0 - 120.0% of mass 95	59.5
175	4.0 - 9.0% of mass 174	3.8 (6.4)1
176	93.0 - 101% of mass 174	58.1 (97.6)1
177	5.0 - 9.0% of mass 176	3.6 (6.1)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.2	R2067076-1	R281202	02/10/26 08:22
STD0.5	R2067076-2	R281203	02/10/26 08:56
STD1.0	R2067076-3	R281204	02/10/26 09:31
STD5.0	R2067076-4	R281205	02/10/26 10:05
STD010	R2067076-5	R281206	02/10/26 10:40
STD020	R2067076-6	R281207	02/10/26 11:12
STD050	R2067076-7	R281208	02/10/26 11:45
STD100	R2067076-8	R281209	02/10/26 12:20
ICV QUANT	R2067076-9	R281212	02/10/26 16:04

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2610159
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB28	**Analysis Date**	: 03/04/26 12:36
Tune Standard	: WG2181463-1	**Tune File ID**	: r281644_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	9.4
75	30.0 - 66.0% of mass 95	30
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.5 (.7)1
174	50.0 - 120.0% of mass 95	64
175	4.0 - 9.0% of mass 174	4.5 (7)1
176	93.0 - 101% of mass 174	62.1 (97)1
177	5.0 - 9.0% of mass 176	4.1 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2181463-2CCAL	WG2181463-2	R281646	03/04/26 13:48
WG2181463-3LCS	WG2181463-3	R281646	03/04/26 13:48
WG2181463-4BLANK	WG2181463-4	R281649	03/04/26 18:57
WG2181463-5DUP	WG2181463-5	R281658	03/04/26 23:50
SVE-EFF	L2610159-01D	R281670	03/05/26 06:24
SVE-INF	L2610159-02D	R281671	03/05/26 06:55

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2610159
Project Name	: 1885 ATLANTIC AVE.	**Project Number**	: 0205125
Instrument ID	: AIRLAB28	**Analysis Date**	: 03/04/26 13:48:00
Sample No	: WG2181463-2	**Lab File ID**	: R281646

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG2181463-2	139207	3.25	574876	4.17	52481	6.34
Upper Limit	194890	3.58	804826	4.50	73473	6.67
Lower Limit	83524	2.92	344926	3.84	31489	6.01
Sample ID						
WG2181463-3 LCS	139207	3.25	574876	4.17	52481	6.34
WG2181463-4 BLANK	138444	3.25	577783	4.17	51184	6.34
213 PLAYTER B DUP	159011	3.25	628912	4.17	64612	6.35
SVE-EFF	169932	3.25	682110	4.16	70006	6.35
SVE-INF	160855	3.25	645930	4.16	69978	6.35

Area Upper Limit = +40% of internal standard area
Area Lower Limit = - 40% of internal standard area

RT Upper Limit = +0.33 minutes of internal standard RT
RT Lower Limit = -0.33 minutes of internal standard RT

* Values outside of QC limits

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19301-1
Page: 1

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,1,1-Trichloroethane	71-55-6	0.2	0.0614	ppbV	70-130			25	25			
1,1,2,2-Tetrachloroethane	79-34-5	0.2	0.052	ppbV	70-130			25	25			
1,1,2-Trichloroethane	79-00-5	0.2	0.0582	ppbV	70-130			25	25			
1,1-Dichloroethane	75-34-3	0.2	0.0568	ppbV	70-130			25	25			
1,1-Dichloroethene	75-35-4	0.2	0.0568	ppbV	70-130			25	25			
1,2,3-Trimethylbenzene	526-73-8	0.2	0.0576	ppbV	70-130			25	25			
1,2,4-Trichlorobenzene	120-82-1	0.2	0.1	ppbV	70-130			25	25			
1,2,4-Trimethylbenzene	95-63-6	0.2	0.0577	ppbV	70-130			25	25			
1,2,4,5-Tetramethylbenzene	95-93-2	0.2	0.135	ppbV	70-130			25	25			
1,2-Dibromoethane	106-93-4	0.2	0.0544	ppbV	70-130			25	25			
1,2-Dichlorobenzene	95-50-1	0.2	0.0619	ppbV	70-130			25	25			
1,2-Dichloroethane	107-06-2	0.2	0.0787	ppbV	70-130			25	25			
1,2-Dichloropropane	78-87-5	0.2	0.0631	ppbV	70-130			25	25			
1,3,5-Trimethylbenzene	108-67-8	0.2	0.06	ppbV	70-130			25	25			
1,3-Butadiene	106-99-0	0.2	0.0619	ppbV	70-130			25	25			
1,3-Dichlorobenzene	541-73-1	0.2	0.0777	ppbV	70-130			25	25			
1,4-Dichlorobenzene	106-46-7	0.2	0.0826	ppbV	70-130			25	25			
1,4-Dioxane	123-91-1	0.2	0.0538	ppbV	70-130			25	25			
2,2,4-Trimethylpentane	540-84-1	0.2	0.0692	ppbV	70-130			25	25			
2-Butanone	78-93-3	0.5	0.099	ppbV	70-130			25	25			
2-Hexanone	591-78-6	0.2	0.0912	ppbV	70-130			25	25			
2-Methylthiophene	554-14-3	0.2	0.0622	ppbV	70-130			25	25			
3-Methylthiophene	616-44-4	0.2	0.0634	ppbV	70-130			25	25			
3-Chloropropene	107-05-1	0.2	0.086	ppbV	70-130			25	25			
2-Ethylthiophene	872-55-9	0.2	0.0612	ppbV	70-130			25	25			
4-Ethyltoluene	622-96-8	0.2	0.0554	ppbV	70-130			25	25			
Acetone	67-64-1	1	0.515	ppbV	40-160			25	25			
Benzene	71-43-2	0.2	0.0643	ppbV	70-130			25	25			
Benzyl chloride	100-44-7	0.2	0.0939	ppbV	70-130			25	25			
Benzothiophene	95-15-8	0.5	0.273	ppbV	70-130			25	25			
Bromodichloromethane	75-27-4	0.2	0.0689	ppbV	70-130			25	25			
Bromoform	75-25-2	0.2	0.0596	ppbV	70-130			25	25			
Bromomethane	74-83-9	0.2	0.0547	ppbV	70-130			25	25			
Carbon disulfide	75-15-0	0.2	0.0465	ppbV	70-130			25	25			
Carbon tetrachloride	56-23-5	0.2	0.0686	ppbV	70-130			25	25			
Chlorobenzene	108-90-7	0.2	0.0516	ppbV	70-130			25	25			
Chloroethane	75-00-3	0.2	0.0649	ppbV	70-130			25	25			
Chloroform	67-66-3	0.2	0.0552	ppbV	70-130			25	25			
Chloromethane	74-87-3	0.2	0.0576	ppbV	70-130			25	25			
cis-1,2-Dichloroethene	156-59-2	0.2	0.0595	ppbV	70-130			25	25			
cis-1,3-Dichloropropene	10061-01-5	0.2	0.0674	ppbV	70-130			25	25			
Cyclohexane	110-82-7	0.2	0.0728	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibromochloromethane	124-48-1	0.2	0.0566	ppbV	70-130			25	25			
Dichlorodifluoromethane	75-71-8	0.2	0.0757	ppbV	70-130			25	25			
Ethyl Alcohol	GCDAI06	5	1.74	ppbV	40-160			25	25			
Ethyl Acetate	141-78-6	0.5	0.297	ppbV	70-130			25	25			
Ethylbenzene	100-41-4	0.2	0.0575	ppbV	70-130			25	25			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	0.2	0.0506	ppbV	70-130			25	25			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	0.2	0.0504	ppbV	70-130			25	25			
Hexachlorobutadiene	87-68-3	0.2	0.0607	ppbV	70-130			25	25			
iso-Propyl Alcohol	67-63-0	1	0.272	ppbV	40-160			25	25			
Methylene chloride	75-09-2	0.5	0.125	ppbV	70-130			25	25			
4-Methyl-2-pentanone	108-10-1	0.5	0.19	ppbV	70-130			25	25			
Methyl tert butyl ether	1634-04-4	0.2	0.045	ppbV	70-130			25	25			
Methyl Methacrylate	80-62-6	0.5	0.226	ppbV	40-160			25	25			
p/m-Xylene	179601-23-1	0.4	0.125	ppbV	70-130			25	25			
o-Xylene	95-47-6	0.2	0.0621	ppbV	70-130			25	25			
Xylene (Total)	1330-20-7	0.2	0.0621	ppbV				25	25			
Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Hexane	110-54-3	0.2	0.0743	ppbV	70-130			25	25			
Propylene	115-07-1	0.5	0.135	ppbV	70-130			25	25			
Styrene	100-42-5	0.2	0.0596	ppbV	70-130			25	25			
Tetrachloroethene	127-18-4	0.2	0.0627	ppbV	70-130			25	25			
Thiophene	110-02-1	0.2	0.052	ppbV	70-130			25	25			
Tetrahydrofuran	109-99-9	0.5	0.117	ppbV	70-130			25	25			
Toluene	108-88-3	0.2	0.0867	ppbV	70-130			25	25			
trans-1,2-Dichloroethene	156-60-5	0.2	0.0755	ppbV	70-130			25	25			
1,2-Dichloroethene (total)	540-59-0	0.2	0.0595	ppbV				25	25			
trans-1,3-Dichloropropene	10061-02-6	0.2	0.0783	ppbV	70-130			25	25			
1,3-Dichloropropene, Total	542-75-6	0.2	0.0674	ppbV				25	25			
Trichloroethene	79-01-6	0.2	0.0548	ppbV	70-130			25	25			
Trichlorofluoromethane	75-69-4	0.2	0.0787	ppbV	70-130			25	25			
Vinyl acetate	108-05-4	1	0.323	ppbV	70-130			25	25			
Vinyl bromide	593-60-2	0.2	0.0722	ppbV	70-130			25	25			
Vinyl chloride	75-01-4	0.2	0.0582	ppbV	70-130			25	25			
Naphthalene	91-20-3	0.19	0.059	ppbV	70-130			25	25			
Total HC As Hexane	NONE	10	0.0743	ppbV	70-130			25	25			
Total VOCs As Toluene	NONE	10	0.0867	ppbV	70-130			25	25			
Propane	74-98-6	0.5	0.152	ppbV	70-130			25	25			
Acrylonitrile	107-13-1	0.5	0.0894	ppbV	70-130			25	25			
Acrolein	107-02-8	0.5	0.149	ppbV	60-113			25	25			
1,1,1,2-Tetrachloroethane	630-20-6	0.2	0.0508	ppbV	70-130			25	25			
Isopropylbenzene	98-82-8	0.2	0.0621	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,2,3-Trichloropropane	96-18-4	0.2	0.0575	ppbV	70-130			25	25			
Acetonitrile	75-05-8	0.2	0.101	ppbV	70-130			25	25			
Bromobenzene	108-86-1	0.2	0.0579	ppbV	70-130			25	25			
Chlorodifluoromethane	75-45-6	0.2	0.0463	ppbV	70-130			25	25			
Dichlorofluoromethane	75-43-4	0.2	0.112	ppbV	70-130			25	25			
Dibromomethane	74-95-3	0.2	0.0598	ppbV	70-130			25	25			
Pentane	109-66-0	0.2	0.113	ppbV	70-130			25	25			
Octane	111-65-9	0.2	0.0676	ppbV	70-130			25	25			
Tertiary-Amyl Methyl Ether	994-05-8	0.2	0.0672	ppbV	70-130			25	25			
o-Chlorotoluene	95-49-8	0.2	0.0761	ppbV	70-130			25	25			
p-Chlorotoluene	106-43-4	0.2	0.0765	ppbV	70-130			25	25			
2,2-Dichloropropane	594-20-7	0.2	0.0429	ppbV	70-130			25	25			
1,1-Dichloropropene	563-58-6	0.2	0.0593	ppbV	70-130			25	25			
Isopropyl Ether	108-20-3	0.2	0.0631	ppbV	70-130			25	25			
Ethyl-Tert-Butyl-Ether	637-92-3	0.2	0.0731	ppbV	70-130			25	25			
1,2,3-Trichlorobenzene	87-61-6	0.2	0.0738	ppbV	70-130			25	25			
Ethyl ether	60-29-7	0.2	0.0853	ppbV	70-130			25	25			
n-Butylbenzene	104-51-8	0.2	0.0536	ppbV	70-130			25	25			
sec-Butylbenzene	135-98-8	0.2	0.0547	ppbV	70-130			25	25			
tert-Butylbenzene	98-06-6	0.2	0.0551	ppbV	70-130			25	25			
1,2-Dibromo-3-chloropropane	96-12-8	0.2	0.0624	ppbV	70-130			25	25			
p-Isopropyltoluene	99-87-6	0.2	0.0567	ppbV	70-130			25	25			
n-Propylbenzene	103-65-1	0.2	0.0633	ppbV	70-130			25	25			
1,3-Dichloropropane	142-28-9	0.2	0.0536	ppbV	70-130			25	25			
Methanol	67-56-1	5	3.029	ppbV	70-130			25	25			
Acetaldehyde	75-07-0	2.5	1.73	ppbV	70-130			25	25			
Butane	106-97-8	0.2	0.08	ppbV	70-130			25	25			
Nonane (C9)	111-84-2	0.2	0.0737	ppbV	70-130			25	25			
Decane (C10)	124-18-5	0.2	0.0697	ppbV	70-130			25	25			
Undecane	1120-21-4	0.2	0.0709	ppbV	70-130			25	25			
Indane	496-11-7	0.2	0.0591	ppbV	70-130			25	25			
Indene	95-13-6	0.2	0.0711	ppbV	70-130			25	25			
1-Methylnaphthalene	90-12-0	1	0.264	ppbV	70-130			25	25			
Dodecane (C12)	112-40-3	0.2	0.0891	ppbV	70-130			25	25			
Butyl Acetate	123-86-4	0.5	0.208	ppbV	70-130			25	25			
tert-Butyl Alcohol	75-65-0	0.5	0.132	ppbV	70-130			25	25			
2-Methylnaphthalene	91-57-6	1	0.259	ppbV	70-130			25	25			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
Bromofluorobenzene	*460-00-4*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2610159
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2610159-01D	Date Collected	: 02/26/26 08:45
Client ID	: SVE-EFF	Date Received	: 02/26/26
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 03/05/26 06:24
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 44.96
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R281670	Instrument ID	: AIRLAB28
Sample Amount	: 5.56 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	8.99	--	ND	44.5	--	U
74-87-3	Chloromethane	ND	8.99	--	ND	18.6	--	U
76-14-2	Freon-114	ND	8.99	--	ND	62.8	--	U
75-01-4	Vinyl chloride	ND	8.99	--	ND	23.0	--	U
106-99-0	1,3-Butadiene	ND	8.99	--	ND	19.9	--	U
74-83-9	Bromomethane	ND	8.99	--	ND	34.9	--	U
75-00-3	Chloroethane	ND	8.99	--	ND	23.7	--	U
64-17-5	Ethanol	ND	225	--	ND	424	--	U
593-60-2	Vinyl bromide	ND	8.99	--	ND	39.3	--	U
67-64-1	Acetone	ND	45.0	--	ND	107.	--	U
75-69-4	Trichlorofluoromethane	ND	8.99	--	ND	50.5	--	U
67-63-0	Isopropanol	ND	45.0	--	ND	111	--	U
75-35-4	1,1-Dichloroethene	ND	8.99	--	ND	35.6	--	U
75-65-0	Tertiary butyl Alcohol	ND	22.5	--	ND	68.2	--	U
75-09-2	Methylene chloride	ND	22.5	--	ND	78.2	--	U
107-05-1	3-Chloropropene	ND	8.99	--	ND	28.1	--	U
75-15-0	Carbon disulfide	ND	8.99	--	ND	28.0	--	U
76-13-1	Freon-113	ND	8.99	--	ND	68.9	--	U
156-60-5	trans-1,2-Dichloroethene	ND	8.99	--	ND	35.6	--	U
75-34-3	1,1-Dichloroethane	ND	8.99	--	ND	36.4	--	U
1634-04-4	Methyl tert butyl ether	ND	8.99	--	ND	32.4	--	U
78-93-3	2-Butanone	ND	22.5	--	ND	66.4	--	U
156-59-2	cis-1,2-Dichloroethene	ND	8.99	--	ND	35.6	--	U
141-78-6	Ethyl Acetate	ND	22.5	--	ND	81.1	--	U
67-66-3	Chloroform	ND	8.99	--	ND	43.9	--	U
109-99-9	Tetrahydrofuran	ND	22.5	--	ND	66.4	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2610159
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2610159-01D	Date Collected	: 02/26/26 08:45
Client ID	: SVE-EFF	Date Received	: 02/26/26
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 03/05/26 06:24
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 44.96
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R281670	Instrument ID	: AIRLAB28
Sample Amount	: 5.56 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	8.99	--	ND	36.4	--	U
110-54-3	n-Hexane	1310	8.99	--	4620	31.7	--	
71-55-6	1,1,1-Trichloroethane	ND	8.99	--	ND	49.0	--	U
71-43-2	Benzene	92.2	8.99	--	295	28.7	--	
56-23-5	Carbon tetrachloride	ND	8.99	--	ND	56.6	--	U
110-82-7	Cyclohexane	203	8.99	--	699	30.9	--	
78-87-5	1,2-Dichloropropane	ND	8.99	--	ND	41.5	--	U
75-27-4	Bromodichloromethane	ND	8.99	--	ND	60.2	--	U
123-91-1	1,4-Dioxane	ND	8.99	--	ND	32.4	--	U
79-01-6	Trichloroethene	ND	8.99	--	ND	48.3	--	U
540-84-1	2,2,4-Trimethylpentane	1640	8.99	--	7660	42.0	--	
142-82-5	Heptane	1120	8.99	--	4590	36.8	--	
10061-01-5	cis-1,3-Dichloropropene	ND	8.99	--	ND	40.8	--	U
108-10-1	4-Methyl-2-pentanone	ND	22.5	--	ND	92.2	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	8.99	--	ND	40.8	--	U
79-00-5	1,1,2-Trichloroethane	ND	8.99	--	ND	49.0	--	U
108-88-3	Toluene	374	8.99	--	1410	33.9	--	
591-78-6	2-Hexanone	ND	8.99	--	ND	36.8	--	U
124-48-1	Dibromochloromethane	ND	8.99	--	ND	76.6	--	U
106-93-4	1,2-Dibromoethane	ND	8.99	--	ND	69.1	--	U
127-18-4	Tetrachloroethene	131	8.99	--	888	61.0	--	
108-90-7	Chlorobenzene	ND	8.99	--	ND	41.4	--	U
100-41-4	Ethylbenzene	ND	8.99	--	ND	39.0	--	U
179601-23-1	p/m-Xylene	ND	18.0	--	ND	78.2	--	U
75-25-2	Bromoform	ND	8.99	--	ND	93.0	--	U
100-42-5	Styrene	ND	8.99	--	ND	38.3	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2610159
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2610159-01D	Date Collected	: 02/26/26 08:45
Client ID	: SVE-EFF	Date Received	: 02/26/26
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 03/05/26 06:24
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 44.96
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R281670	Instrument ID	: AIRLAB28
Sample Amount	: 5.56 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	8.99	--	ND	61.7	--	U
95-47-6	o-Xylene	ND	8.99	--	ND	39.0	--	U
622-96-8	4-Ethyltoluene	ND	8.99	--	ND	44.2	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	8.99	--	ND	44.2	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	8.99	--	ND	44.2	--	U
100-44-7	Benzyl chloride	ND	8.99	--	ND	46.5	--	U
541-73-1	1,3-Dichlorobenzene	ND	8.99	--	ND	54.1	--	U
106-46-7	1,4-Dichlorobenzene	ND	8.99	--	ND	54.1	--	U
95-50-1	1,2-Dichlorobenzene	ND	8.99	--	ND	54.1	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	8.99	--	ND	66.7	--	U
91-20-3	Naphthalene	ND	8.54	--	ND	44.8	--	U
87-68-3	Hexachlorobutadiene	ND	8.99	--	ND	95.9	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2610159
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2610159-02D	Date Collected	: 02/26/26 10:00
Client ID	: SVE-INF	Date Received	: 02/26/26
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 03/05/26 06:55
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 44.01
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R281671	Instrument ID	: AIRLAB28
Sample Amount	: 5.68 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	8.80	--	ND	43.5	--	U
74-87-3	Chloromethane	ND	8.80	--	ND	18.2	--	U
76-14-2	Freon-114	ND	8.80	--	ND	61.5	--	U
75-01-4	Vinyl chloride	ND	8.80	--	ND	22.5	--	U
106-99-0	1,3-Butadiene	ND	8.80	--	ND	19.5	--	U
74-83-9	Bromomethane	ND	8.80	--	ND	34.2	--	U
75-00-3	Chloroethane	ND	8.80	--	ND	23.2	--	U
64-17-5	Ethanol	ND	220	--	ND	415	--	U
593-60-2	Vinyl bromide	ND	8.80	--	ND	38.5	--	U
67-64-1	Acetone	ND	44.0	--	ND	105.	--	U
75-69-4	Trichlorofluoromethane	ND	8.80	--	ND	49.5	--	U
67-63-0	Isopropanol	ND	44.0	--	ND	108	--	U
75-35-4	1,1-Dichloroethene	ND	8.80	--	ND	34.9	--	U
75-65-0	Tertiary butyl Alcohol	ND	22.0	--	ND	66.7	--	U
75-09-2	Methylene chloride	ND	22.0	--	ND	76.4	--	U
107-05-1	3-Chloropropene	ND	8.80	--	ND	27.5	--	U
75-15-0	Carbon disulfide	ND	8.80	--	ND	27.4	--	U
76-13-1	Freon-113	ND	8.80	--	ND	67.4	--	U
156-60-5	trans-1,2-Dichloroethene	ND	8.80	--	ND	34.9	--	U
75-34-3	1,1-Dichloroethane	ND	8.80	--	ND	35.6	--	U
1634-04-4	Methyl tert butyl ether	ND	8.80	--	ND	31.7	--	U
78-93-3	2-Butanone	505	22.0	--	1490	64.9	--	
156-59-2	cis-1,2-Dichloroethene	ND	8.80	--	ND	34.9	--	U
141-78-6	Ethyl Acetate	ND	22.0	--	ND	79.3	--	U
67-66-3	Chloroform	ND	8.80	--	ND	43.0	--	U
109-99-9	Tetrahydrofuran	ND	22.0	--	ND	64.9	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2610159
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2610159-02D	Date Collected	: 02/26/26 10:00
Client ID	: SVE-INF	Date Received	: 02/26/26
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 03/05/26 06:55
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 44.01
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R281671	Instrument ID	: AIRLAB28
Sample Amount	: 5.68 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	8.80	--	ND	35.6	--	U
110-54-3	n-Hexane	1620	8.80	--	5710	31.0	--	
71-55-6	1,1,1-Trichloroethane	ND	8.80	--	ND	48.0	--	U
71-43-2	Benzene	93.9	8.80	--	300	28.1	--	
56-23-5	Carbon tetrachloride	ND	8.80	--	ND	55.4	--	U
110-82-7	Cyclohexane	284	8.80	--	978	30.3	--	
78-87-5	1,2-Dichloropropane	ND	8.80	--	ND	40.7	--	U
75-27-4	Bromodichloromethane	ND	8.80	--	ND	59.0	--	U
123-91-1	1,4-Dioxane	ND	8.80	--	ND	31.7	--	U
79-01-6	Trichloroethene	ND	8.80	--	ND	47.3	--	U
540-84-1	2,2,4-Trimethylpentane	765	8.80	--	3570	41.1	--	
142-82-5	Heptane	806	8.80	--	3300	36.1	--	
10061-01-5	cis-1,3-Dichloropropene	ND	8.80	--	ND	40.0	--	U
108-10-1	4-Methyl-2-pentanone	ND	22.0	--	ND	90.2	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	8.80	--	ND	40.0	--	U
79-00-5	1,1,2-Trichloroethane	ND	8.80	--	ND	48.0	--	U
108-88-3	Toluene	436	8.80	--	1640	33.2	--	
591-78-6	2-Hexanone	ND	8.80	--	ND	36.1	--	U
124-48-1	Dibromochloromethane	ND	8.80	--	ND	75.0	--	U
106-93-4	1,2-Dibromoethane	ND	8.80	--	ND	67.6	--	U
127-18-4	Tetrachloroethene	18.0	8.80	--	122	59.7	--	
108-90-7	Chlorobenzene	ND	8.80	--	ND	40.5	--	U
100-41-4	Ethylbenzene	119	8.80	--	517	38.2	--	
179601-23-1	p/m-Xylene	622	17.6	--	2700	76.4	--	
75-25-2	Bromoform	ND	8.80	--	ND	91.0	--	U
100-42-5	Styrene	ND	8.80	--	ND	37.5	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2610159
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: L2610159-02D	Date Collected	: 02/26/26 10:00
Client ID	: SVE-INF	Date Received	: 02/26/26
Sample Location	: 1885 ATLANTIC AVE., BROOKLYN, NY	Date Analyzed	: 03/05/26 06:55
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 44.01
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R281671	Instrument ID	: AIRLAB28
Sample Amount	: 5.68 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	8.80	--	ND	60.4	--	U
95-47-6	o-Xylene	224	8.80	--	973	38.2	--	
622-96-8	4-Ethyltoluene	41.6	8.80	--	205	43.3	--	
108-67-8	1,3,5-Trimethylbenzene	69.7	8.80	--	343	43.3	--	
95-63-6	1,2,4-Trimethylbenzene	120	8.80	--	590	43.3	--	
100-44-7	Benzyl chloride	ND	8.80	--	ND	45.6	--	U
541-73-1	1,3-Dichlorobenzene	ND	8.80	--	ND	52.9	--	U
106-46-7	1,4-Dichlorobenzene	ND	8.80	--	ND	52.9	--	U
95-50-1	1,2-Dichlorobenzene	ND	8.80	--	ND	52.9	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	8.80	--	ND	65.3	--	U
91-20-3	Naphthalene	ND	8.36	--	ND	43.8	--	U
87-68-3	Hexachlorobutadiene	ND	8.80	--	ND	93.9	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2610159
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: WG2181463-4	Date Collected	: NA
Client ID	: WG2181463-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/04/26 18:57
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R281649	Instrument ID	: AIRLAB28
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2610159
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: WG2181463-4	Date Collected	: NA
Client ID	: WG2181463-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/04/26 18:57
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R281649	Instrument ID	: AIRLAB28
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Haley & Aldrich	Lab Number	: L2610159
Project Name	: 1885 ATLANTIC AVE.	Project Number	: 0205125
Lab ID	: WG2181463-4	Date Collected	: NA
Client ID	: WG2181463-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/04/26 18:57
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R281649	Instrument ID	: AIRLAB28
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281670.D
Acq On : 5 Mar 2026 6:24 AM
Operator : AIRLAB28:TPH
Sample : L2610159-01D,3,5.56,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:55:58 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.247	49	169932	10.000	ppbV	0.00
Standard Area = 139207			Recovery = 122.07%			
44) 1,4-difluorobenzene	4.160	114	682110	10.000	ppbV	0.00
Standard Area = 574876			Recovery = 118.65%			
68) chlorobenzene-D5	6.347	54	70006	10.000	ppbV	0.00
Standard Area = 52481			Recovery = 133.39%			
System Monitoring Compounds						
Target Compounds						Qvalue
6) dichlorodifluoromethane	1.785	85	428	0.035	ppbV	92
7) chloromethane	0.000		0	N.D.	d	
8) Freon-114	1.870		0	N.D.		
10) vinyl chloride	1.850		0	N.D.		
11) 1,3-butadiene	0.000		0	N.D.	d	
14) bromomethane	1.975		0	N.D.		
15) chloroethane	2.195		0	N.D.		
16) ethanol	2.198	31	815	0.157	ppbV	99
18) vinyl bromide	2.123		0	N.D.		
20) acetone	0.000		0	N.D.	d	
22) trichlorofluoromethane	2.231		0	N.D.		
23) isopropyl alcohol	2.261	45	4648	0.331	ppbV	99
27) 1,1-dichloroethene	2.445		0	N.D.		
28) tertiary butyl alcohol	2.450		0	N.D.		
29) methylene chloride	2.375		0	N.D.		
30) 3-chloropropene	0.000		0	N.D.	d	
31) carbon disulfide	2.555		0	N.D.		
32) Freon 113	2.565		0	N.D.		
33) trans-1,2-dichloroethene	2.750		0	N.D.		
34) 1,1-dichloroethane	0.000		0	N.D.	d	
35) MTBE	0.000		0	N.D.	d	
37) 2-butanone	0.000		0	N.D.	d	
38) cis-1,2-dichloroethene	3.173		0	N.D.		
39) Ethyl Acetate	0.000		0	N.D.	d	
40) chloroform	3.307		0	N.D.		
41) Tetrahydrofuran	0.000		0	N.D.	d	
43) 1,2-dichloroethane	0.000		0	N.D.	d	
45) hexane	3.267	57	887276	29.214	ppbV #	59

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281670.D
Acq On : 5 Mar 2026 6:24 AM
Operator : AIRLAB28:TPH
Sample : L2610159-01D,3,5.56,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:55:58 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) 1,1,1-trichloroethane	3.747		0	N.D.		
51) benzene	3.960	78	116497	2.050	ppbV	100
53) carbon tetrachloride	4.033		0	N.D.		
54) cyclohexane	4.087	56	132066	4.511	ppbV #	92
57) 1,2-dichloropropane	0.000		0	N.D.		
58) bromodichloromethane	0.000		0	N.D. d		
59) 1,4-dioxane	0.000		0	N.D.		
60) trichloroethene	4.493		0	N.D.		
61) 2,2,4-trimethylpentane	4.513	57	3137484	36.580	ppbV #	91
63) heptane	4.673	43	678779	24.842	ppbV	94
64) cis-1,3-dichloropropene	4.960		0	N.D.		
65) 4-methyl-2-pentanone	0.000		0	N.D. d		
66) trans-1,3-dichloropropene	5.247		0	N.D.		
67) 1,1,2-trichloroethane	0.000		0	N.D. d		
69) toluene	5.447	91	529927	8.309	ppbV	97
73) 2-hexanone	0.000		0	N.D.		
75) dibromochloromethane	5.660		0	N.D.		
76) 1,2-dibromoethane	5.787		0	N.D.		
79) tetrachloroethene	6.020	166	78599	2.916	ppbV	93
81) chlorobenzene	6.373		0	N.D.		
82) ethylbenzene	6.573	91	2928	0.038	ppbV	95
84) m+p-xylene	6.667	91	9283	0.152	ppbV	92
85) bromoform	6.513		0	N.D.		
86) styrene	6.847		0	N.D.		
87) 1,1,2,2-tetrachloroethane	6.913		0	N.D.		
88) o-xylene	6.893	91	4388	0.072	ppbV	98
97) 4-ethyl toluene	7.553		0	N.D.		
98) 1,3,5-trimethylbenzene	7.600		0	N.D.		
100) 1,2,4-trimethylbenzene	7.820		0	N.D.		
102) Benzyl Chloride	7.893		0	N.D.		
103) 1,3-dichlorobenzene	7.880		0	N.D.		
104) 1,4-dichlorobenzene	7.880		0	N.D.		
108) 1,2-dichlorobenzene	8.107		0	N.D.		
116) 1,2,4-trichlorobenzene	9.123		0	N.D.		
117) naphthalene	9.175		0	N.D.		
120) hexachlorobutadiene	9.385	225	943	0.032	ppbV #	82

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281670.D
Acq On : 5 Mar 2026 6:24 AM
Operator : AIRLAB28:TPH
Sample : L2610159-01D,3,5.56,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:55:58 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

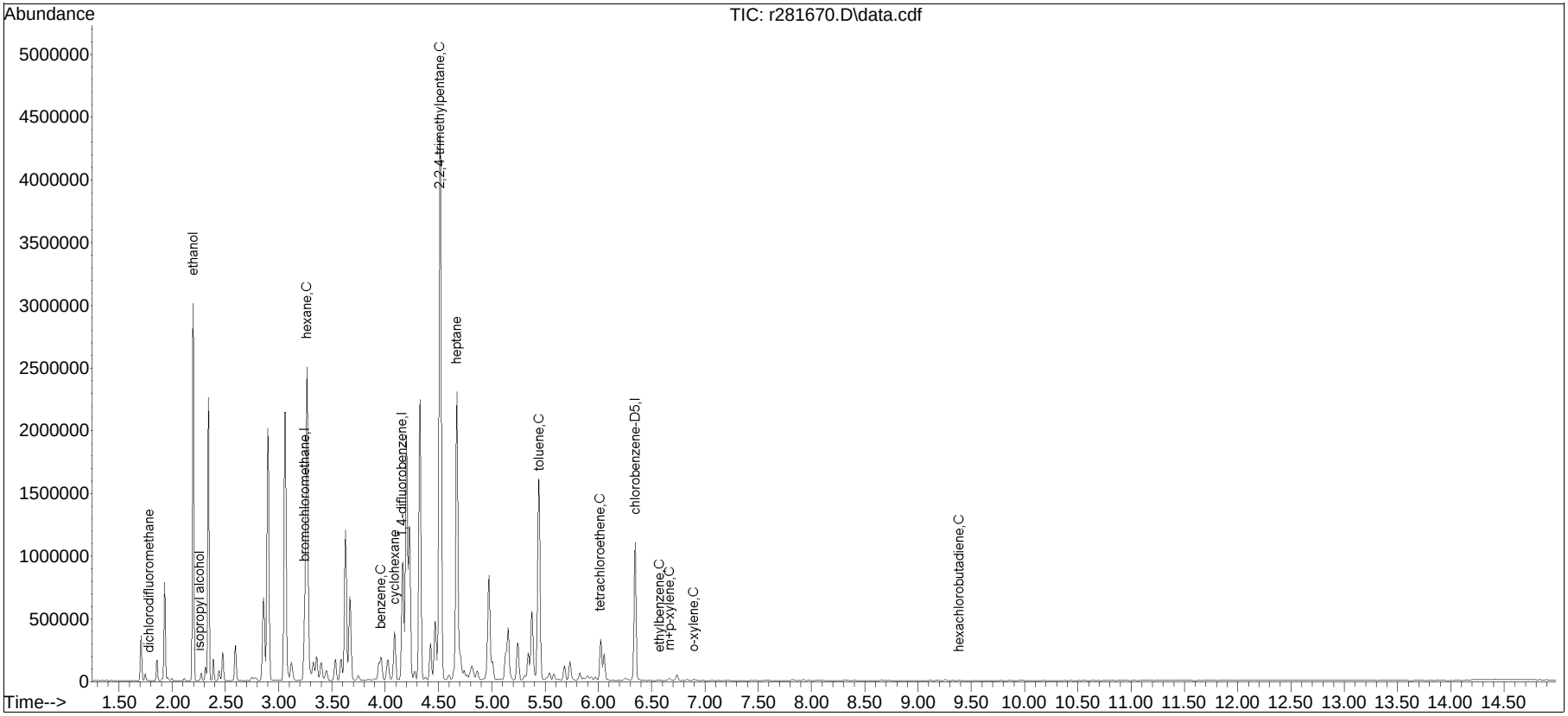
CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : TO15-NY+Naphthalene - .

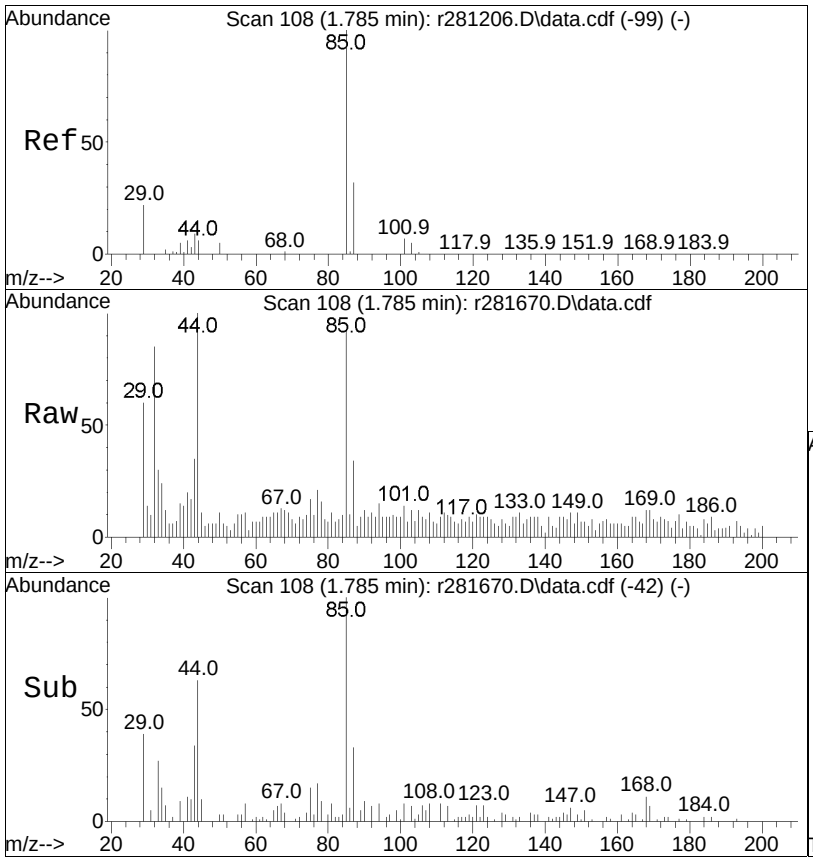
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2026\03\0304T\r281646.D

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281670.D
Acq On : 5 Mar 2026 6:24 AM
Operator : AIRLAB28:TPH
Sample : L2610159-01D,3,5.56,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:55:58 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

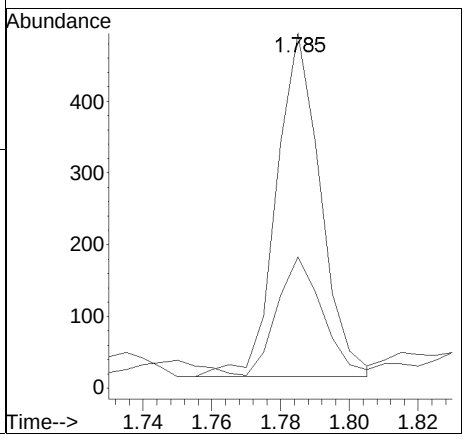


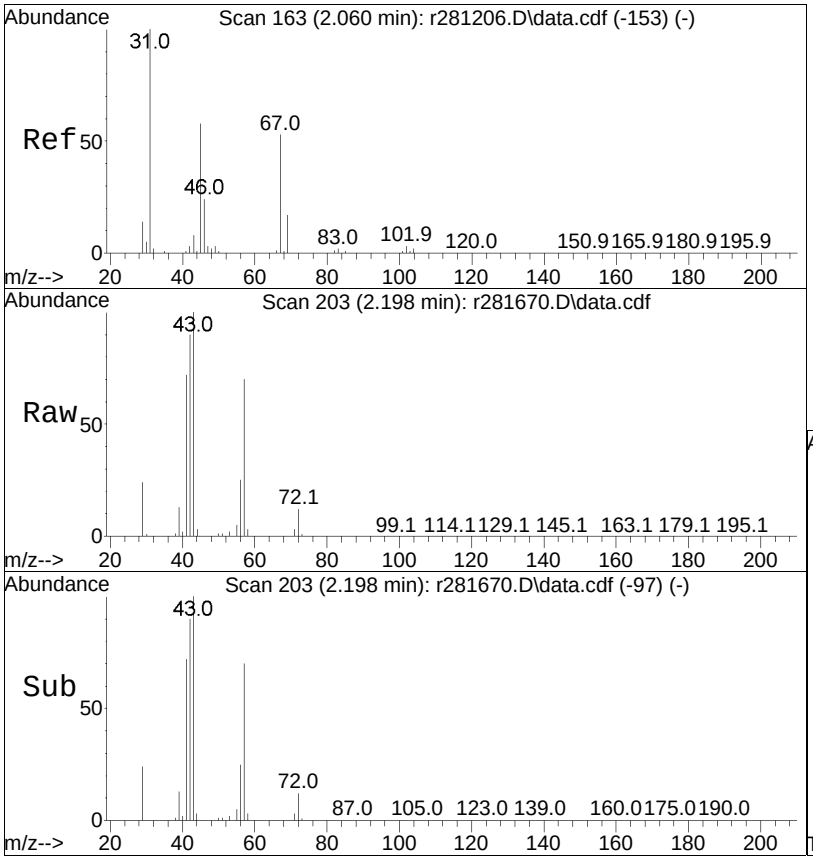


#6
dichlorodifluoromethane
Concen: 0.04 ppbV
RT: 1.785 min Scan# 108
Delta R.T. 0.000 min
Lab File: r281670.D
Acq: 5 Mar 2026 6:24 AM

Tgt Ion: 85 Resp: 428

Ion	Ratio	Lower	Upper
85	100		
87	37.0	25.8	38.8

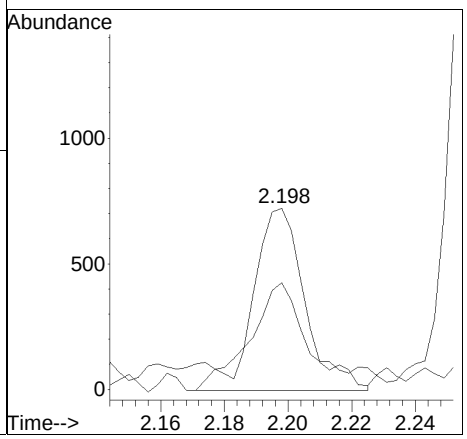


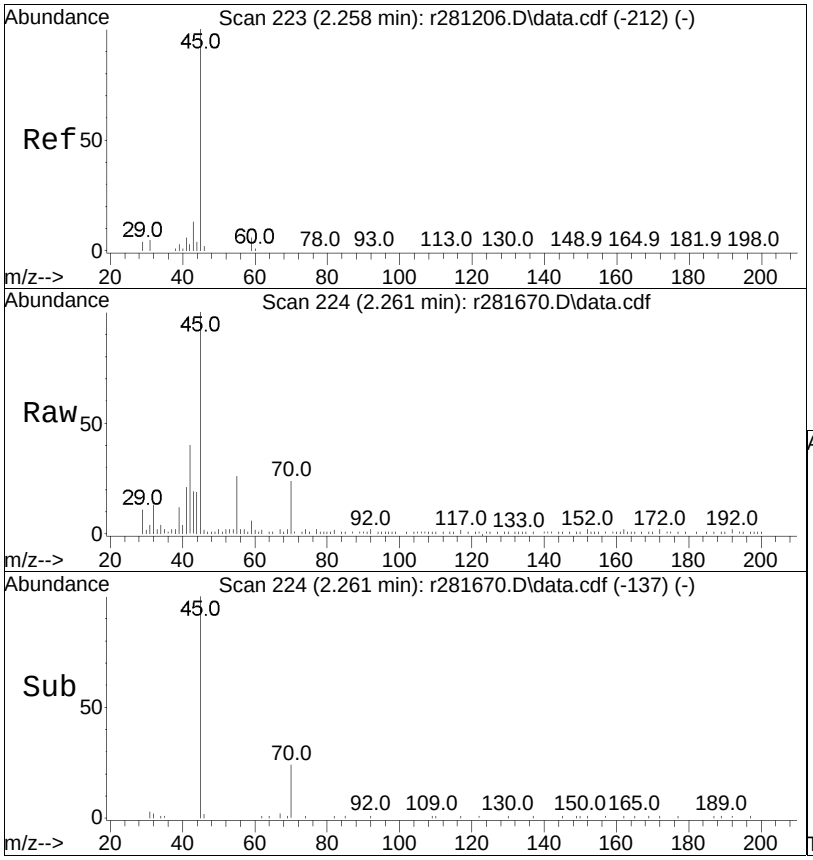


#16
ethanol
Concen: 0.16 ppbV
RT: 2.198 min Scan# 203
Delta R.T. 0.138 min
Lab File: r281670.D
Acq: 5 Mar 2026 6:24 AM

Tgt Ion: 31 Resp: 815

Ion	Ratio	Lower	Upper
31	100		
45	58.9	46.8	70.2

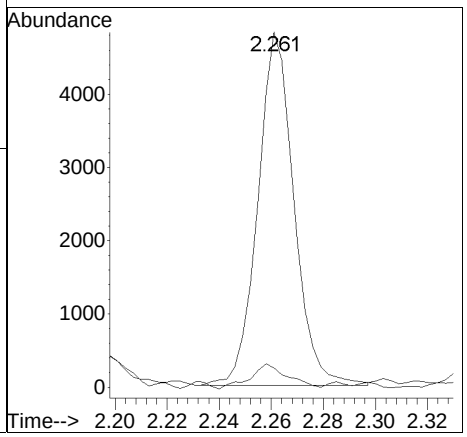


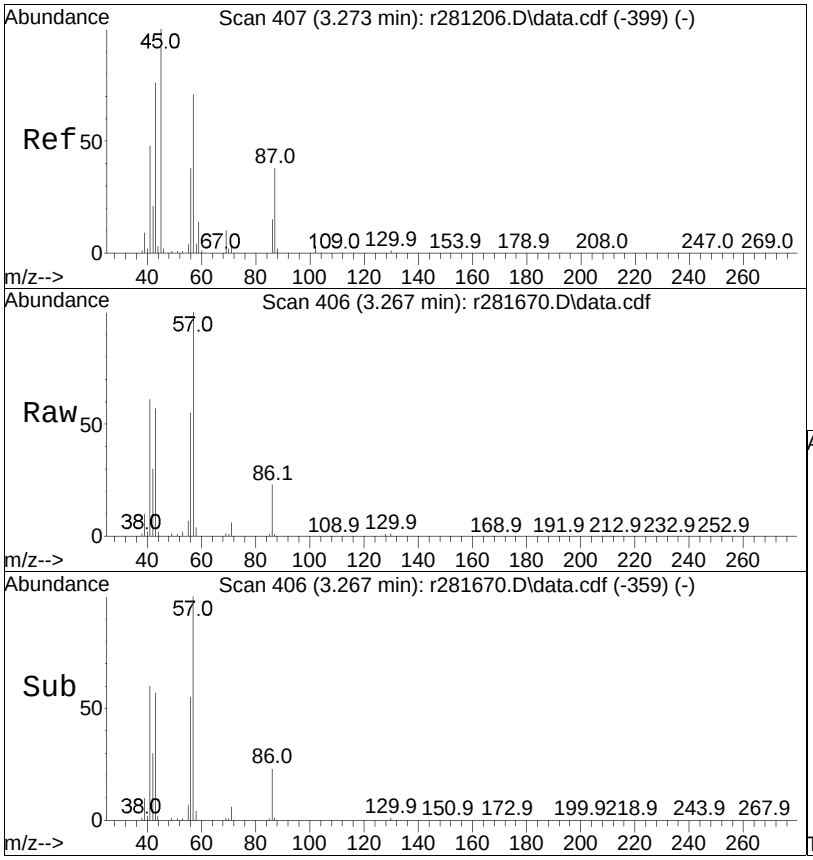


#23
isopropyl alcohol
Concen: 0.33 ppbV
RT: 2.261 min Scan# 224
Delta R.T. 0.003 min
Lab File: r281670.D
Acq: 5 Mar 2026 6:24 AM

Tgt Ion: 45 Resp: 4648

Ion	Ratio	Lower	Upper
45	100		
59	5.5	4.6	7.0

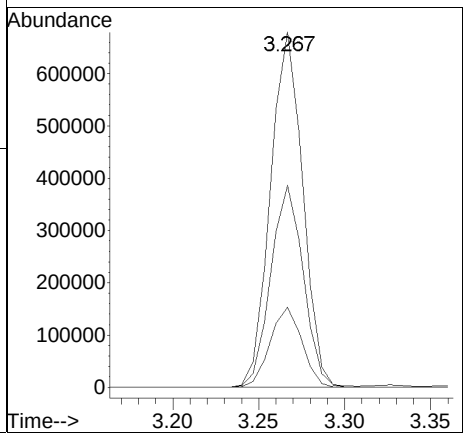


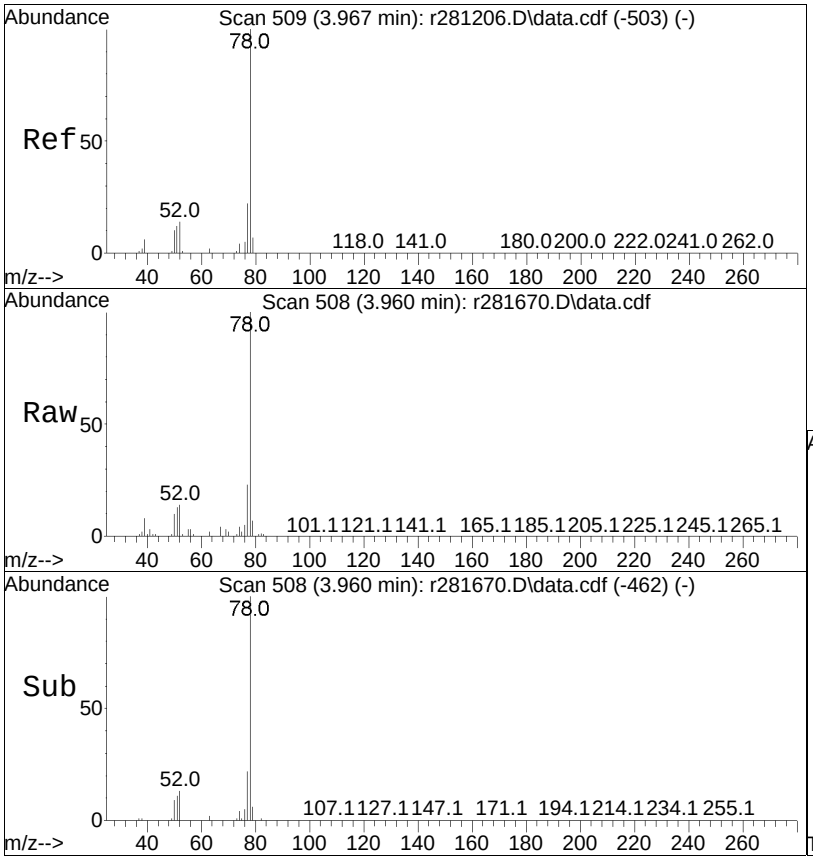


#45
hexane
Concen: 29.21 ppbV
RT: 3.267 min Scan# 406
Delta R.T. -0.007 min
Lab File: r281670.D
Acq: 5 Mar 2026 6:24 AM

Tgt Ion: 57 Resp: 887276

Ion	Ratio	Lower	Upper
57	100		
43	56.9	85.3	127.9#
86	22.5	16.6	25.0

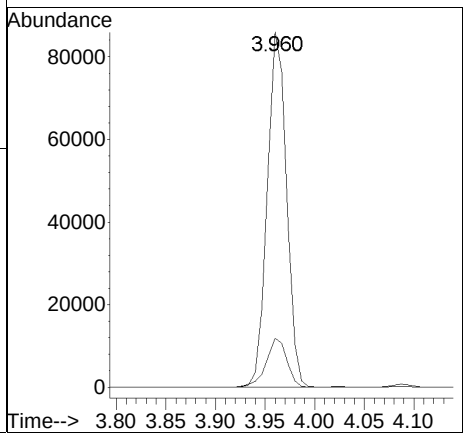


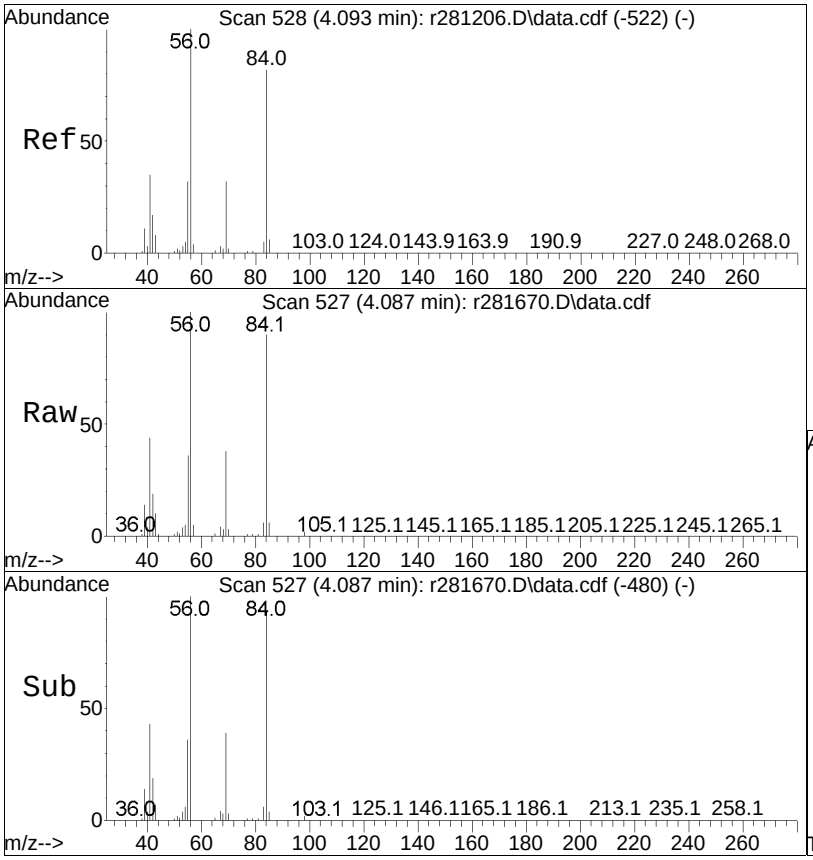


#51
benzene
Concen: 2.05 ppbV
RT: 3.960 min Scan# 508
Delta R.T. -0.007 min
Lab File: r281670.D
Acq: 5 Mar 2026 6:24 AM

Tgt Ion: 78 Resp: 116497

Ion	Ratio	Lower	Upper
78	100		
52	13.8	11.2	16.8

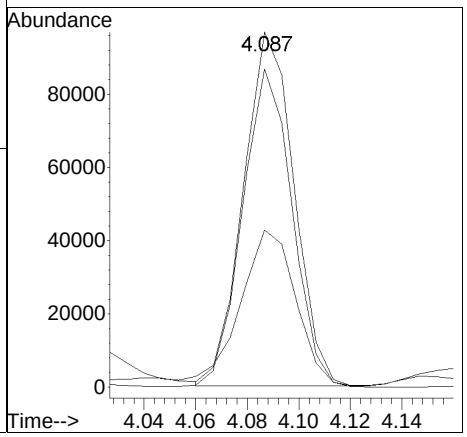


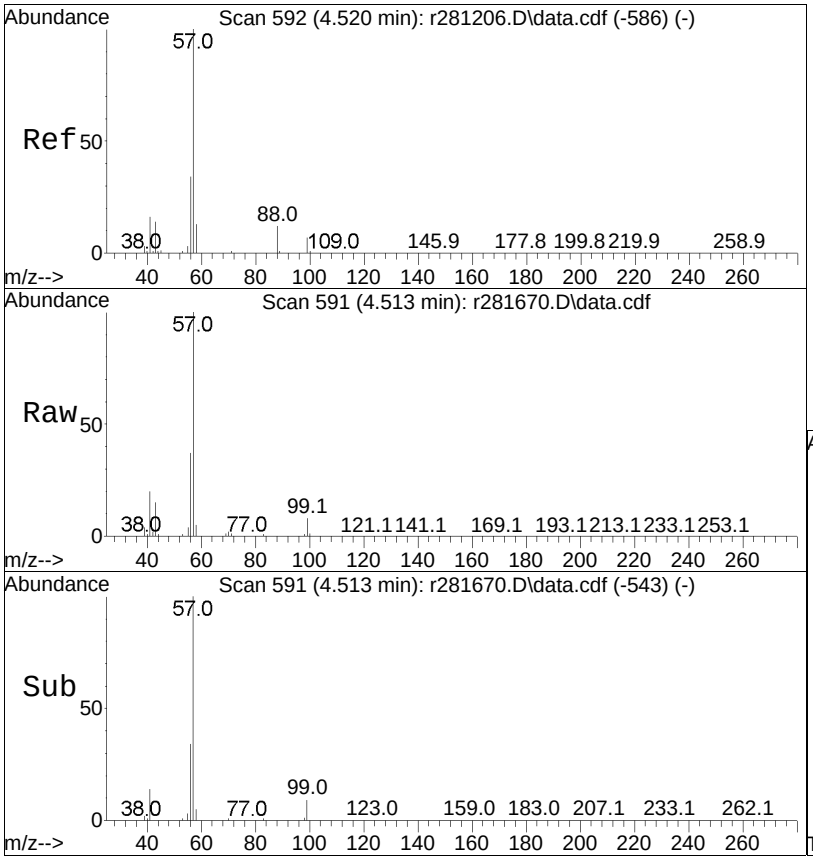


#54
cyclohexane
Concen: 4.51 ppbV
RT: 4.087 min Scan# 527
Delta R.T. -0.007 min
Lab File: r281670.D
Acq: 5 Mar 2026 6:24 AM

Tgt Ion: 56 Resp: 132066

Ion	Ratio	Lower	Upper
56	100		
84	89.6	67.8	101.8
41	44.3	28.4	42.6#

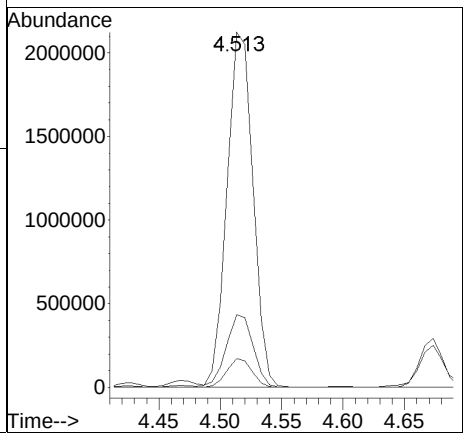


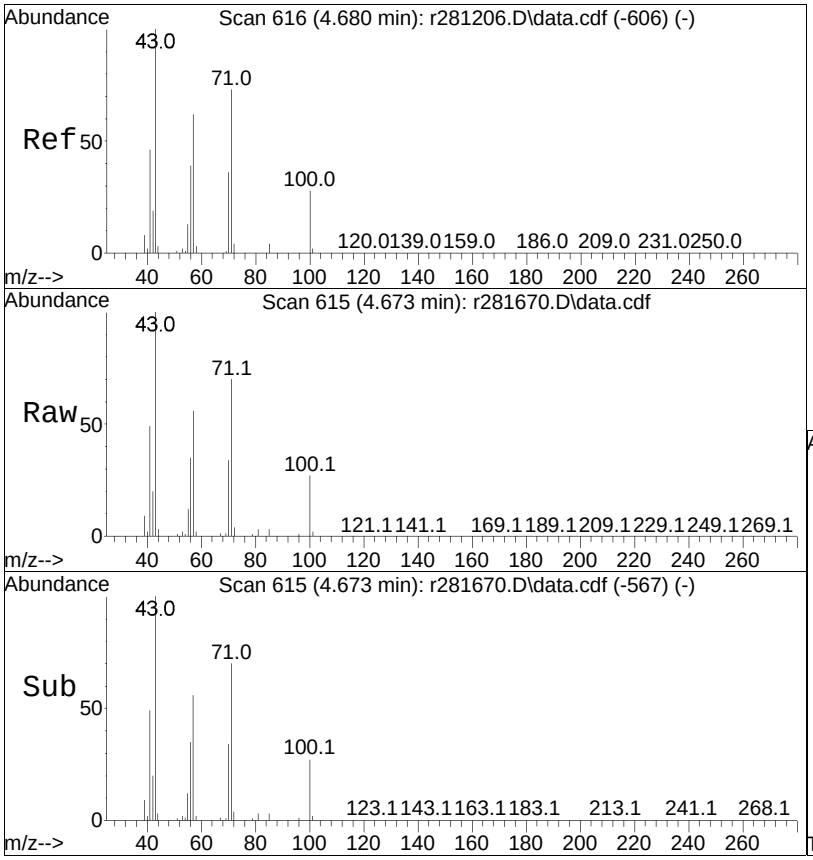


#61
2,2,4-trimethylpentane
Concen: 36.58 ppbV
RT: 4.513 min Scan# 591
Delta R.T. -0.007 min
Lab File: r281670.D
Acq: 5 Mar 2026 6:24 AM

Tgt Ion: 57 Resp: 3137484

Ion	Ratio	Lower	Upper
57	100		
99	8.1	5.5	8.3
41	20.5	12.7	19.1#

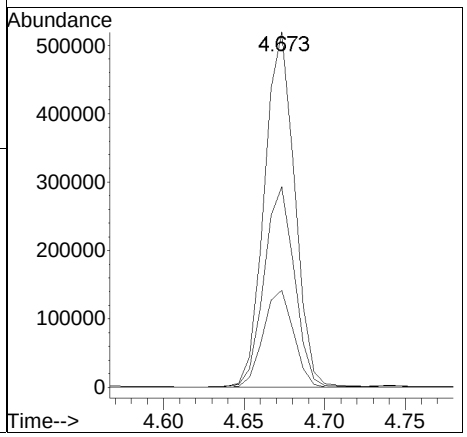


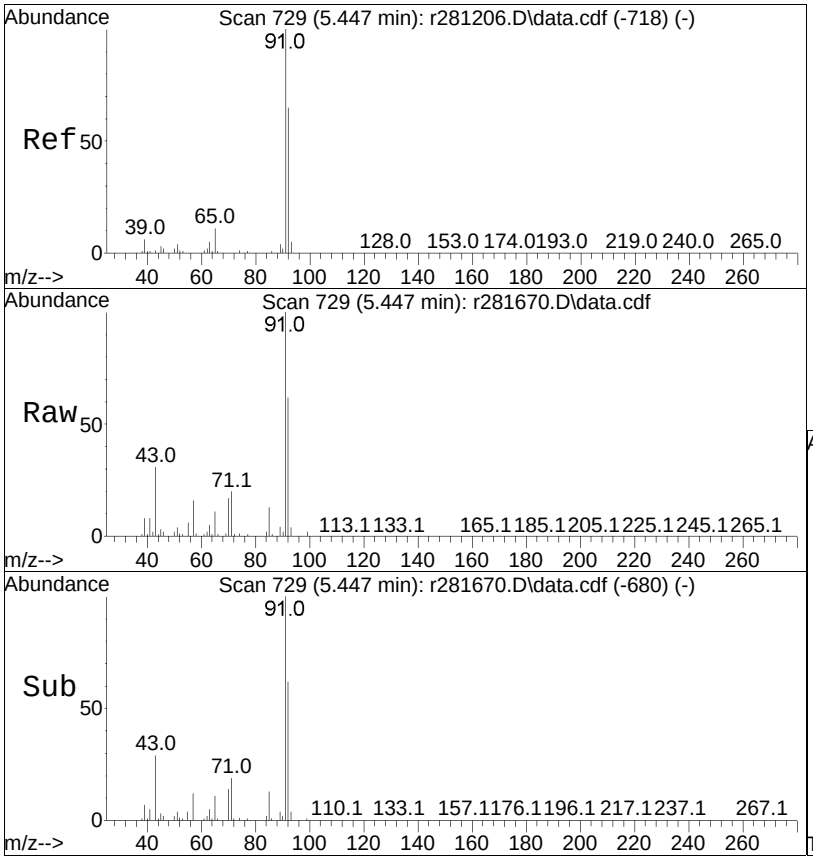


#63
heptane
Concen: 24.84 ppbV
RT: 4.673 min Scan# 615
Delta R.T. -0.007 min
Lab File: r281670.D
Acq: 5 Mar 2026 6:24 AM

Tgt Ion: 43 Resp: 678779

Ion	Ratio	Lower	Upper
43	100		
57	56.4	50.0	75.0
100	27.3	22.8	34.2

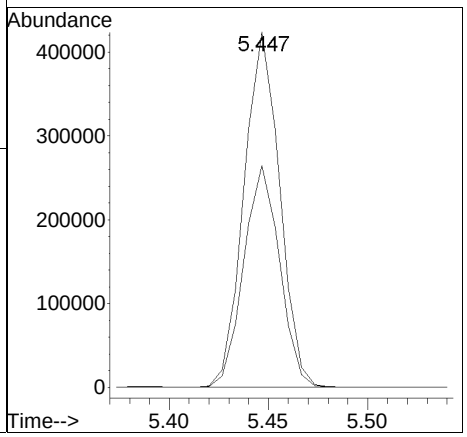


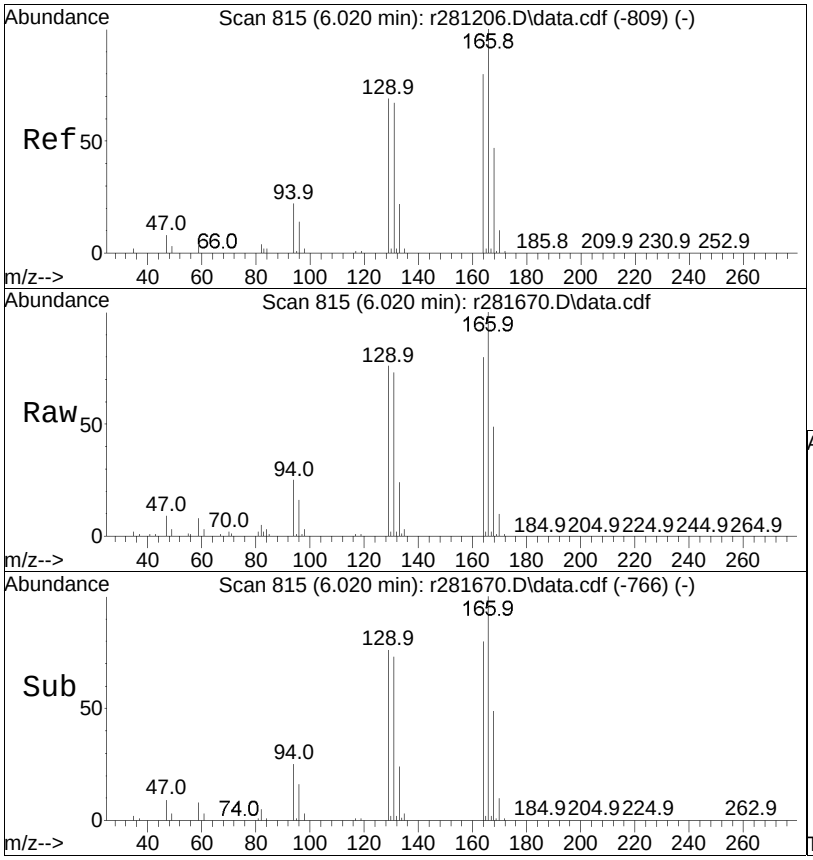


#69
toluene
Concen: 8.31 ppbV
RT: 5.447 min Scan# 729
Delta R.T. 0.000 min
Lab File: r281670.D
Acq: 5 Mar 2026 6:24 AM

Tgt Ion: 91 Resp: 529927

Ion	Ratio	Lower	Upper
91	100		
92	62.5	51.9	77.9

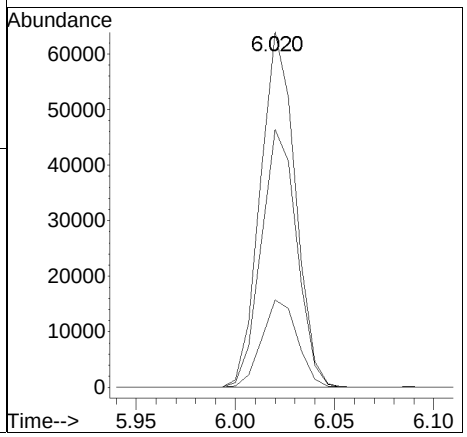


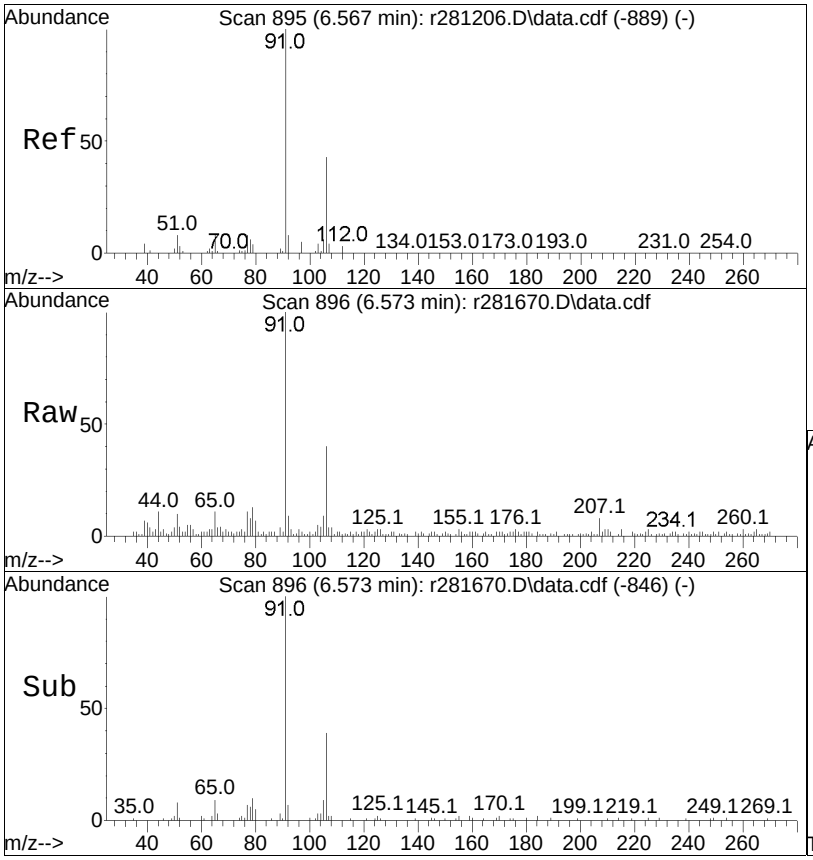


#79
tetrachloroethene
Concen: 2.92 ppbV
RT: 6.020 min Scan# 815
Delta R.T. 0.000 min
Lab File: r281670.D
Acq: 5 Mar 2026 6:24 AM

Tgt Ion:166 Resp: 78599

Ion	Ratio	Lower	Upper
166	100		
131	72.6	53.3	79.9
94	24.6	17.7	26.5

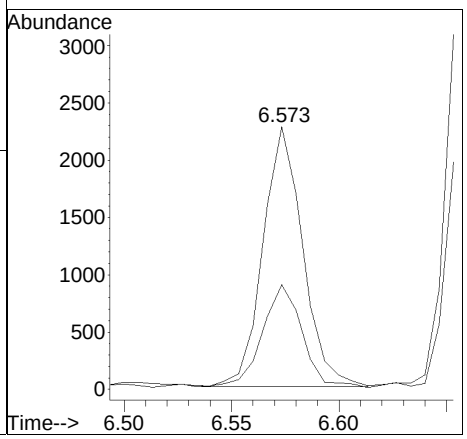


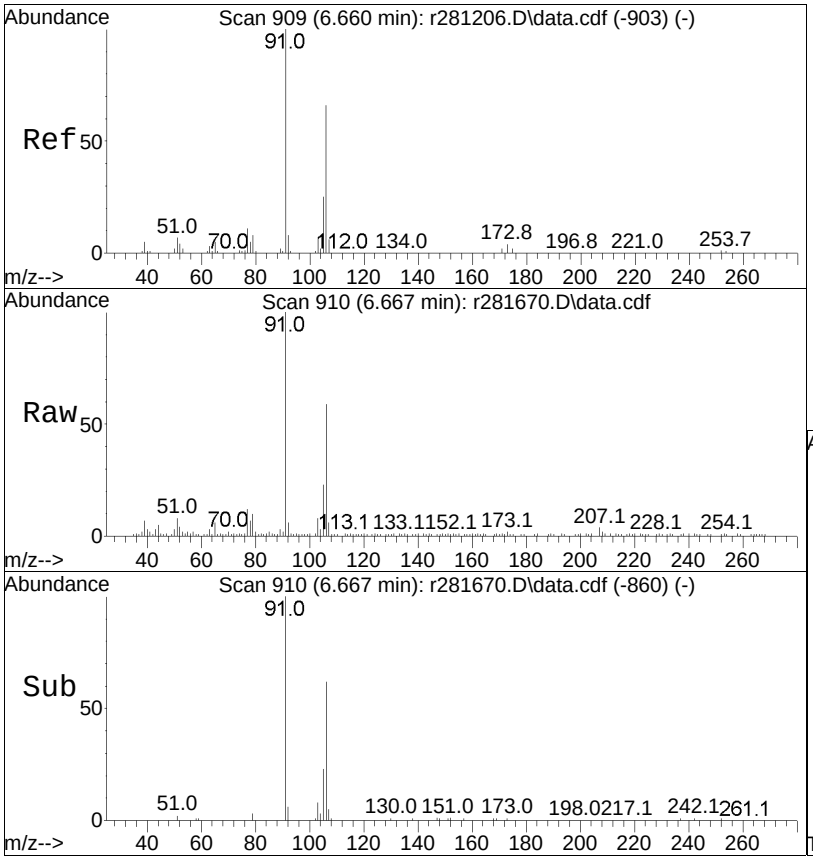


#82
ethylbenzene
Concen: 0.04 ppbV
RT: 6.573 min Scan# 896
Delta R.T. 0.007 min
Lab File: r281670.D
Acq: 5 Mar 2026 6:24 AM

Tgt Ion: 91 Resp: 2928

Ion	Ratio	Lower	Upper
91	100		
106	39.9	34.3	51.5

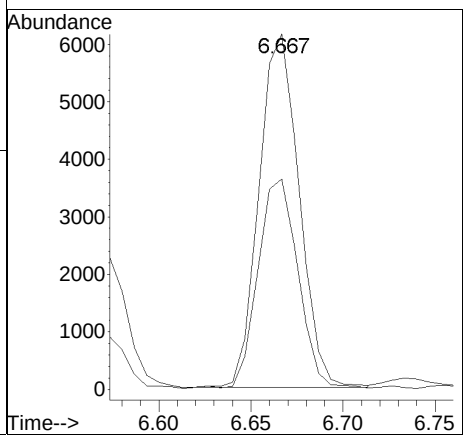


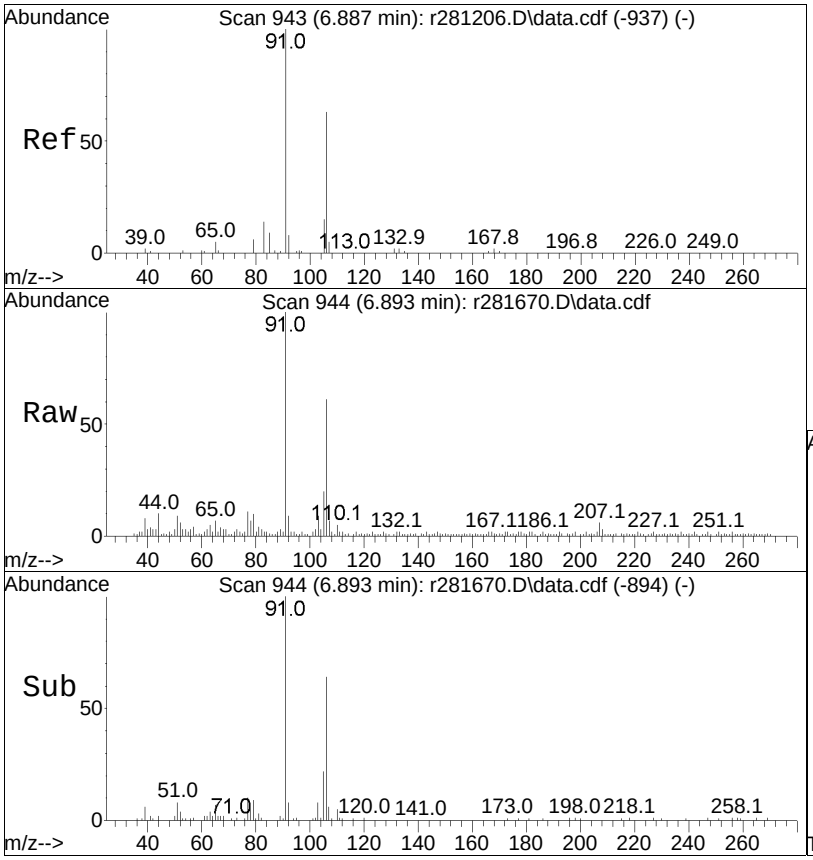


#84
m+p-xylene
Concen: 0.15 ppbV
RT: 6.667 min Scan# 910
Delta R.T. 0.007 min
Lab File: r281670.D
Acq: 5 Mar 2026 6:24 AM

Tgt Ion: 91 Resp: 9283

Ion	Ratio	Lower	Upper
91	100		
106	59.2	52.7	79.1

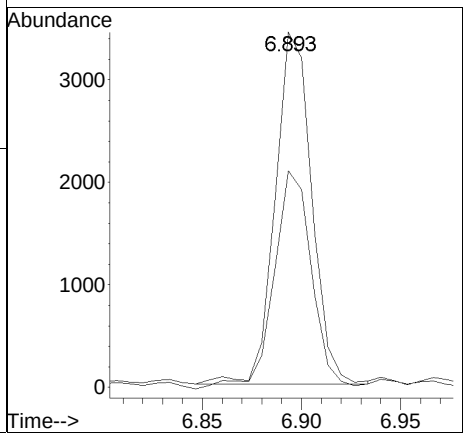


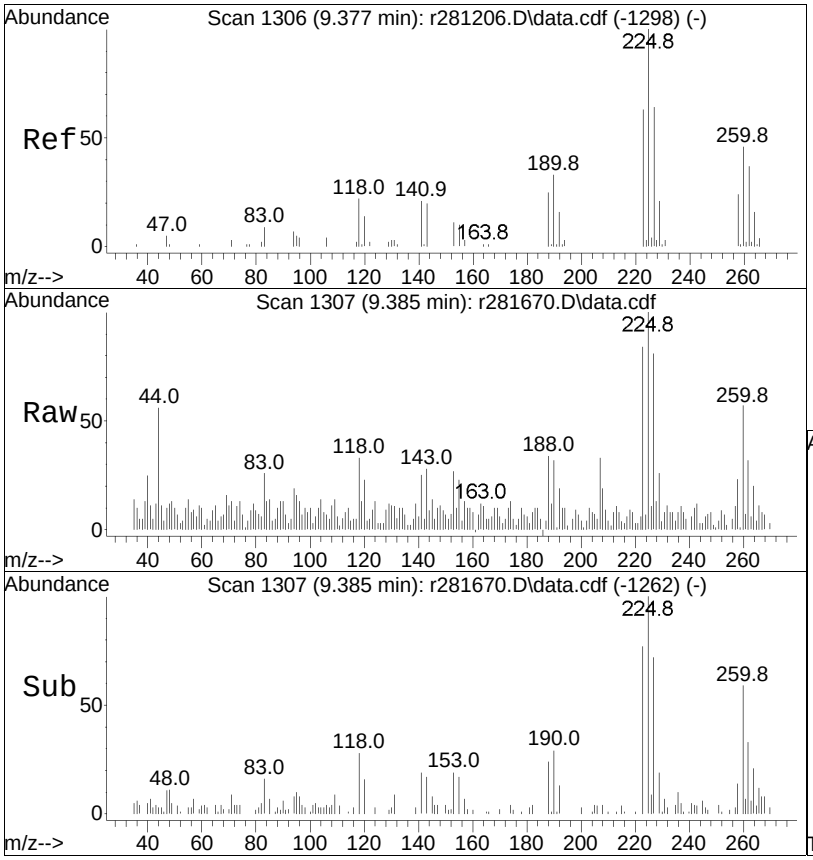


#88
o-xylene
Concen: 0.07 ppbV
RT: 6.893 min Scan# 944
Delta R.T. 0.007 min
Lab File: r281670.D
Acq: 5 Mar 2026 6:24 AM

Tgt Ion: 91 Resp: 4388

Ion	Ratio	Lower	Upper
91	100		
106	61.0	50.2	75.4

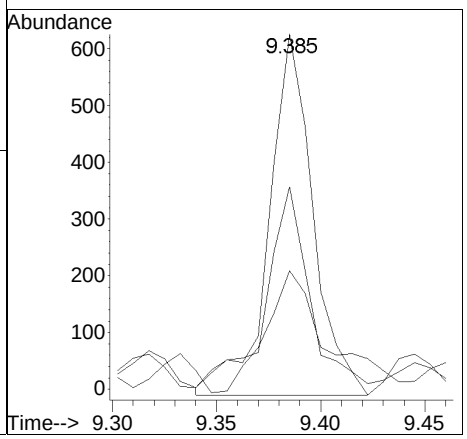




#120
hexachlorobutadiene
Concen: 0.03 ppbV
RT: 9.385 min Scan# 1307
Delta R.T. 0.008 min
Lab File: r281670.D
Acq: 5 Mar 2026 6:24 AM

Tgt Ion:225 Resp: 943

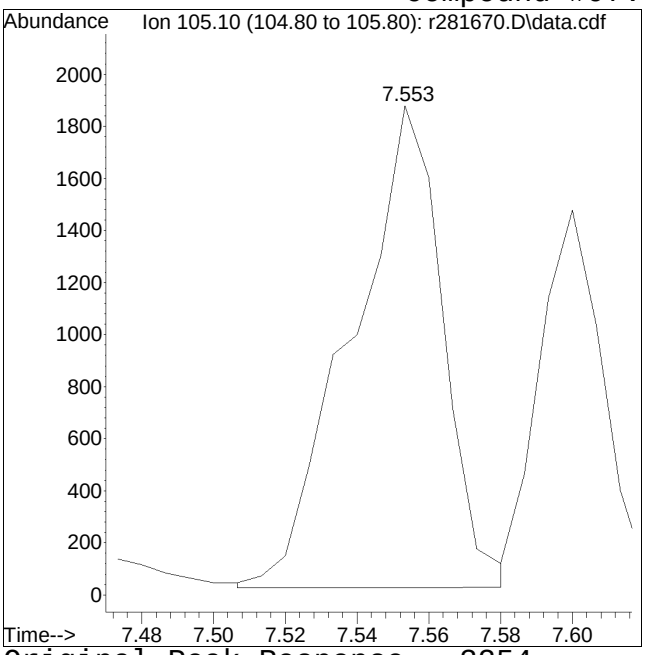
Ion	Ratio	Lower	Upper
225	100		
260	57.0	37.0	55.4#
118	33.4	18.4	27.6#



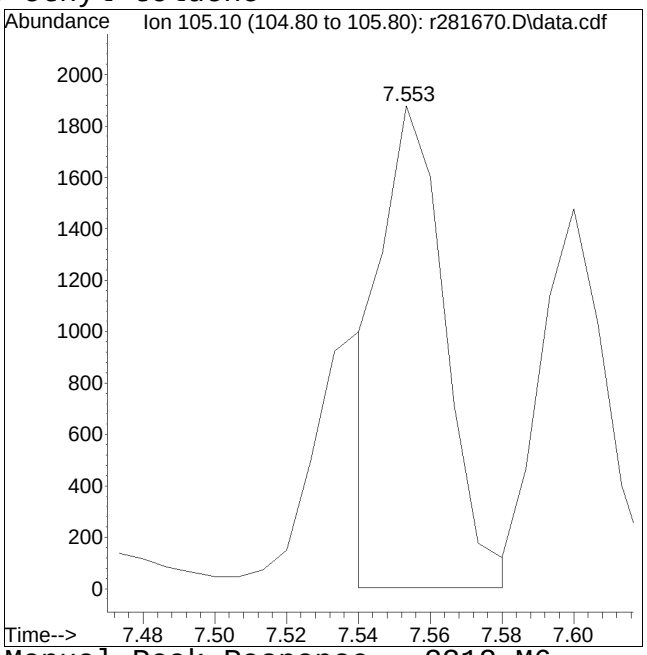
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281670.D Operator : AIRLAB28:TPH
Date Inj'd : 3/5/2026 6:24 AM Instrument :
Sample : L2610159-01D,3,5.56,250 Quant Date : 3/5/2026 7:55 am

Compound #97: 4-ethyl toluene



Original Peak Response = 3254



Manual Peak Response = 2312 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281671.D
Acq On : 5 Mar 2026 6:55 AM
Operator : AIRLAB28:TPH
Sample : L2610159-02D,3,5.68,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:56:19 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.247	49	160855	10.000	ppbV	0.00
Standard Area = 139207			Recovery = 115.55%			
44) 1,4-difluorobenzene	4.160	114	645930	10.000	ppbV	0.00
Standard Area = 574876			Recovery = 112.36%			
68) chlorobenzene-D5	6.347	54	69978	10.000	ppbV	0.00
Standard Area = 52481			Recovery = 133.34%			
System Monitoring Compounds						
Target Compounds						Qvalue
6) dichlorodifluoromethane	1.785	85	450	0.039	ppbV	100
7) chloromethane	0.000		0	N.D.	d	
8) Freon-114	1.865		0	N.D.		
10) vinyl chloride	1.845		0	N.D.		
11) 1,3-butadiene	1.905		0	N.D.		
14) bromomethane	1.970		0	N.D.		
15) chloroethane	2.195		0	N.D.		
16) ethanol	2.198	31	891	0.181	ppbV	86
18) vinyl bromide	2.141		0	N.D.		
20) acetone	0.000		0	N.D.	d	
22) trichlorofluoromethane	2.243		0	N.D.		
23) isopropyl alcohol	2.261	45	3980	0.299	ppbV	99
27) 1,1-dichloroethene	2.440		0	N.D.		
28) tertiary butyl alcohol	2.445		0	N.D.		
29) methylene chloride	2.595		0	N.D.		
30) 3-chloropropene	0.000		0	N.D.	d	
31) carbon disulfide	2.555		0	N.D.		
32) Freon 113	2.540		0	N.D.		
33) trans-1,2-dichloroethene	2.750		0	N.D.		
34) 1,1-dichloroethane	0.000		0	N.D.	d	
35) MTBE	0.000		0	N.D.	d	
37) 2-butanone	3.057	43	292583	11.484	ppbV #	1
38) cis-1,2-dichloroethene	3.187		0	N.D.		
39) Ethyl Acetate	0.000		0	N.D.	d	
40) chloroform	0.000		0	N.D.	d	
41) Tetrahydrofuran	0.000		0	N.D.	d	
43) 1,2-dichloroethane	0.000		0	N.D.	d	
45) hexane	3.267	57	1060824	36.884	ppbV #	60

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281671.D
Acq On : 5 Mar 2026 6:55 AM
Operator : AIRLAB28:TPH
Sample : L2610159-02D,3,5.68,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:56:19 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) 1,1,1-trichloroethane	3.747		0	N.D.		
51) benzene	3.960	78	114816	2.134	ppbV	98
53) carbon tetrachloride	4.027		0	N.D.		
54) cyclohexane	4.087	56	179146	6.462	ppbV #	92
57) 1,2-dichloropropane	0.000		0	N.D.		
58) bromodichloromethane	0.000		0	N.D. d		
59) 1,4-dioxane	0.000		0	N.D. d		
60) trichloroethene	4.493		0	N.D.		
61) 2,2,4-trimethylpentane	4.513	57	1412454	17.390	ppbV #	89
63) heptane	4.673	43	474133	18.324	ppbV	94
64) cis-1,3-dichloropropene	4.960		0	N.D.		
65) 4-methyl-2-pentanone	0.000		0	N.D. d		
66) trans-1,3-dichloropropene	5.240		0	N.D.		
67) 1,1,2-trichloroethane	0.000		0	N.D. d		
69) toluene	5.447	91	632382	9.919	ppbV	98
73) 2-hexanone	0.000		0	N.D. d		
75) dibromochloromethane	5.653		0	N.D.		
76) 1,2-dibromoethane	5.780		0	N.D.		
79) tetrachloroethene	6.020	166	11016	0.409	ppbV	92
81) chlorobenzene	0.000		0	N.D. d		
82) ethylbenzene	6.567	91	208442	2.714	ppbV	96
84) m+p-xylene	6.653	91	864531	14.145	ppbV	94
85) bromoform	6.680		0	N.D.		
86) styrene	6.840		0	N.D.		
87) 1,1,2,2-tetrachloroethane	0.000		0	N.D. d		
88) o-xylene	6.887	91	312678	5.099	ppbV	94
97) 4-ethyl toluene	7.533	105	84834M6	0.945	ppbV	
98) 1,3,5-trimethylbenzene	7.587	105	123165	1.583	ppbV	99
100) 1,2,4-trimethylbenzene	7.807	105	205149	2.721	ppbV #	72
102) Benzyl Chloride	7.887		0	N.D.		
103) 1,3-dichlorobenzene	7.880		0	N.D.		
104) 1,4-dichlorobenzene	7.920		0	N.D.		
108) 1,2-dichlorobenzene	8.107		0	N.D.		
116) 1,2,4-trichlorobenzene	9.123		0	N.D.		
117) naphthalene	9.175	128	3666	0.031	ppbV #	94
120) hexachlorobutadiene	9.265		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281671.D
Acq On : 5 Mar 2026 6:55 AM
Operator : AIRLAB28:TPH
Sample : L2610159-02D,3,5.68,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:56:19 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

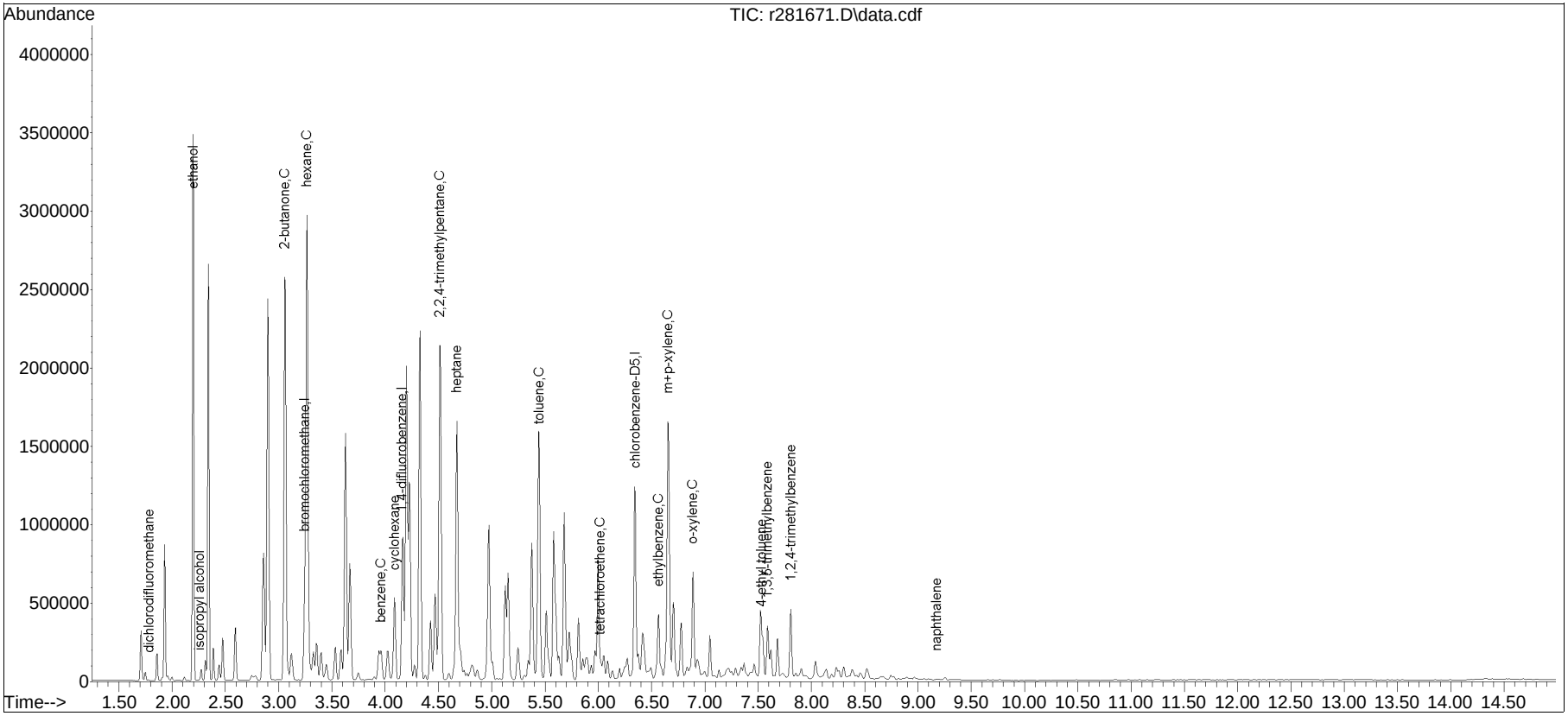
CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : TO15-NY+Naphthalene - .

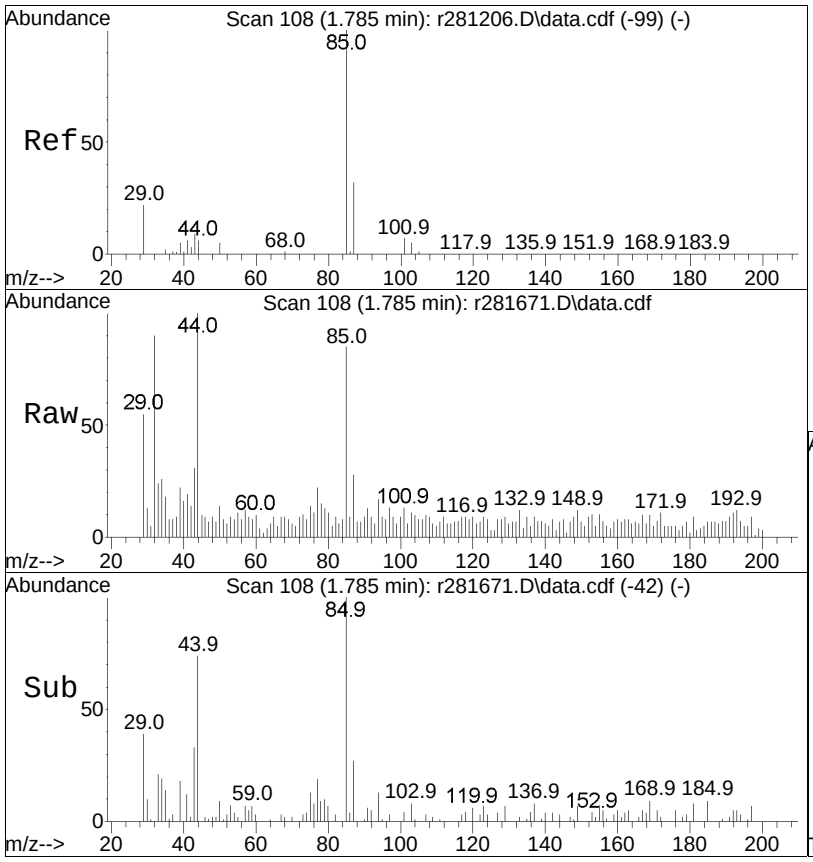
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2026\03\0304T\r281646.D

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281671.D
Acq On : 5 Mar 2026 6:55 AM
Operator : AIRLAB28:TPH
Sample : L2610159-02D,3,5.68,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:56:19 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

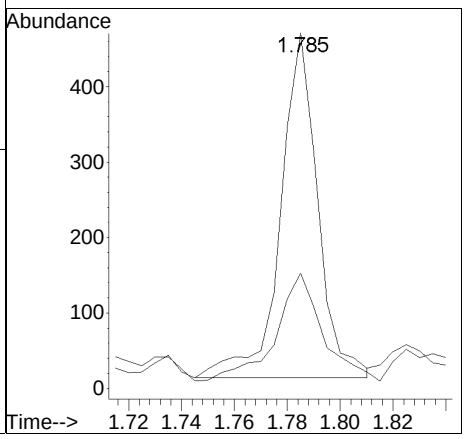


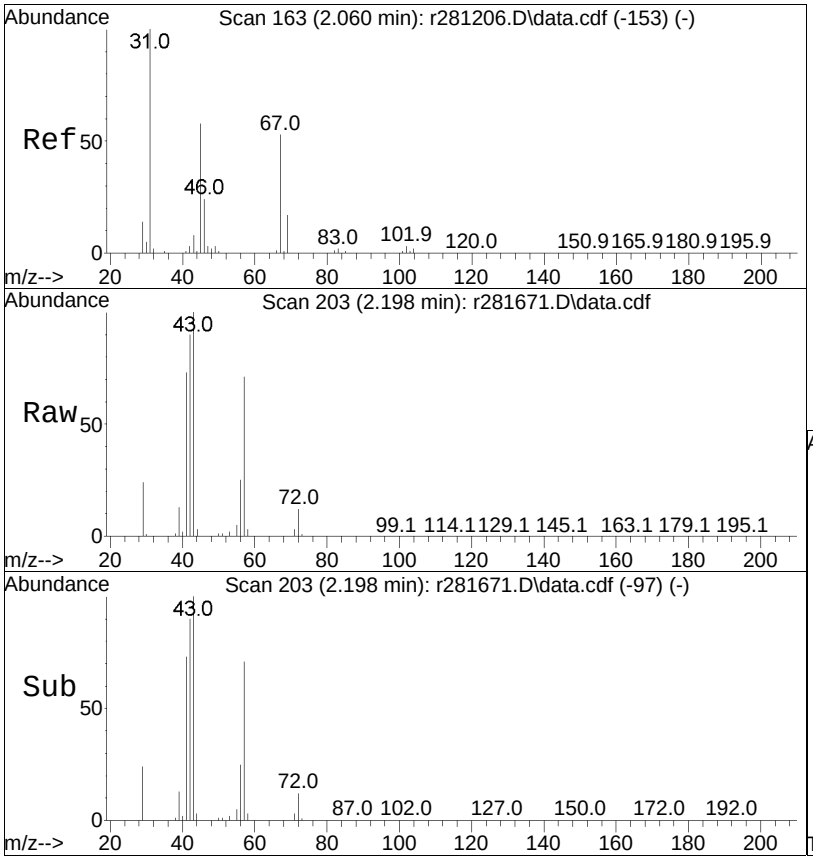


#6
dichlorodifluoromethane
Concen: 0.04 ppbV
RT: 1.785 min Scan# 108
Delta R.T. 0.000 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion: 85 Resp: 450

Ion	Ratio	Lower	Upper
85	100		
87	32.5	25.8	38.8

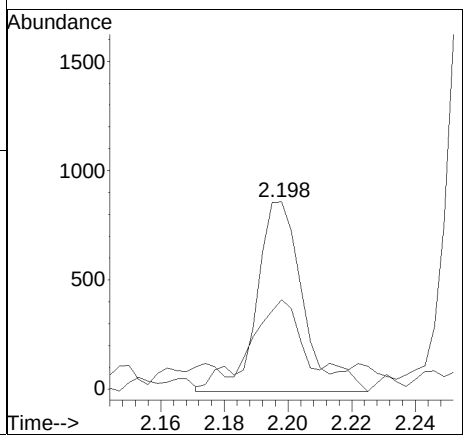


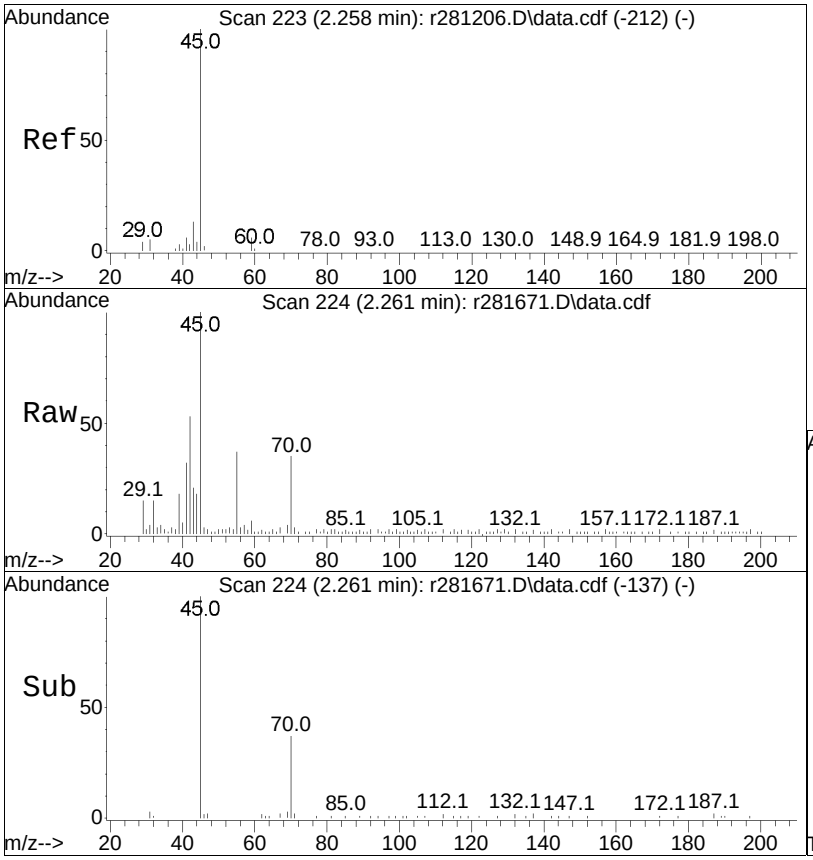


#16
ethanol
Concen: 0.18 ppbV
RT: 2.198 min Scan# 203
Delta R.T. 0.138 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion: 31 Resp: 891

Ion	Ratio	Lower	Upper
31	100		
45	47.8	46.8	70.2

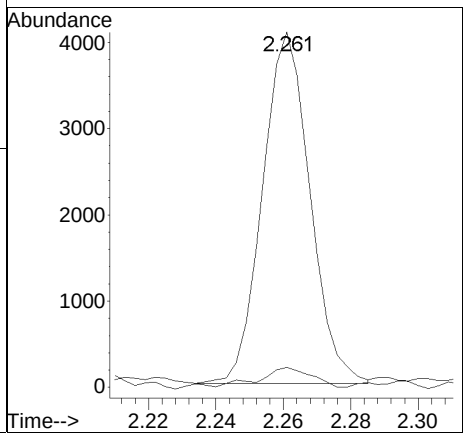


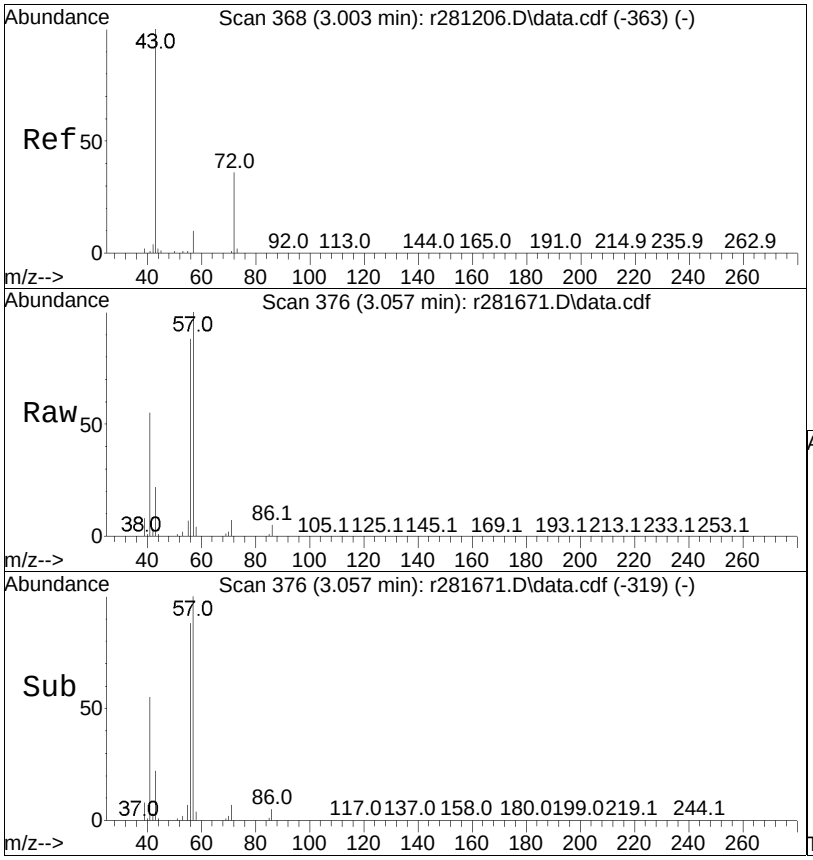


#23
isopropyl alcohol
Concen: 0.30 ppbV
RT: 2.261 min Scan# 224
Delta R.T. 0.003 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion: 45 Resp: 3980

Ion	Ratio	Lower	Upper
45	100		
59	5.6	4.6	7.0

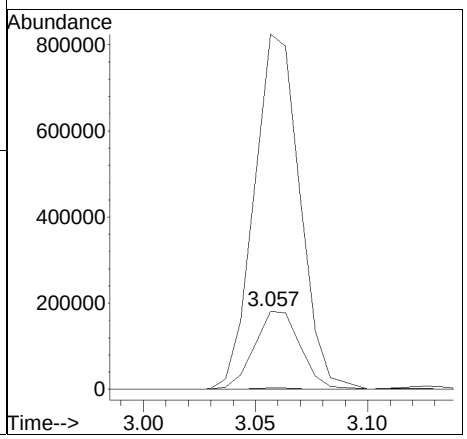


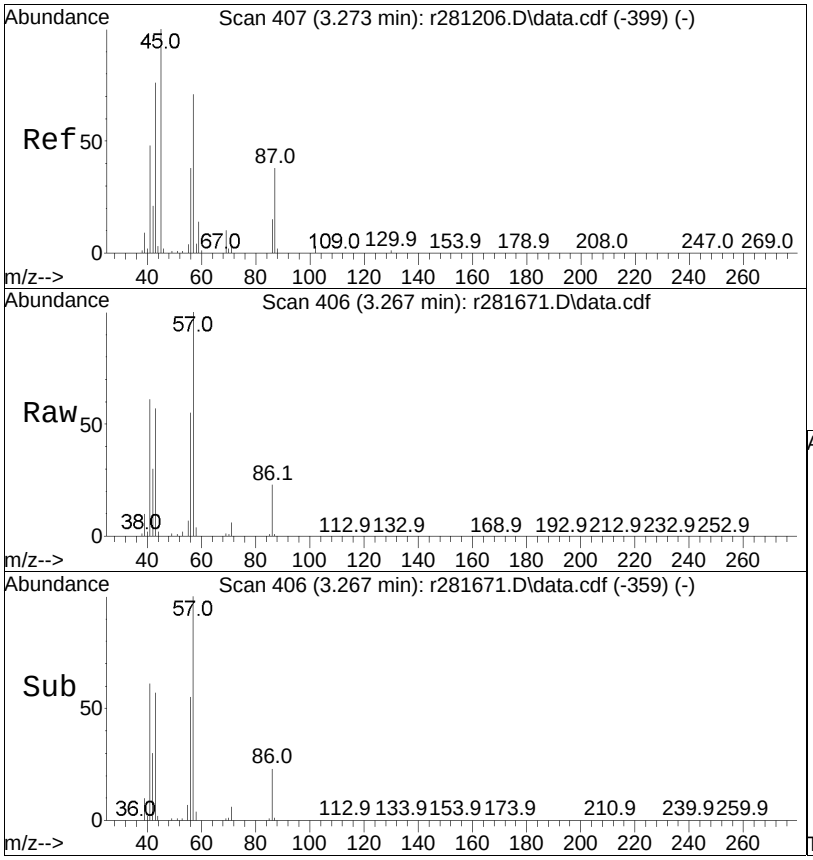


#37
2-butanone
Concen: 11.48 ppbV
RT: 3.057 min Scan# 376
Delta R.T. 0.053 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion: 43 Resp: 292583

Ion	Ratio	Lower	Upper
43	100		
72	1.8	29.0	43.6#
57	455.1	8.2	12.2#

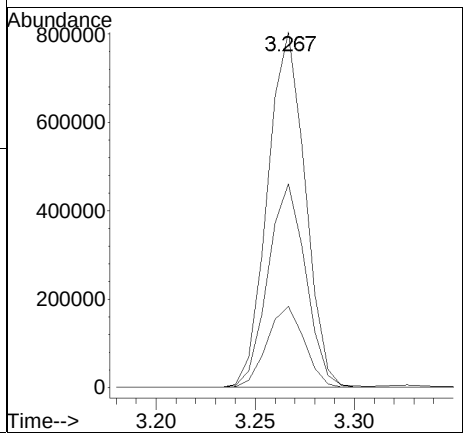


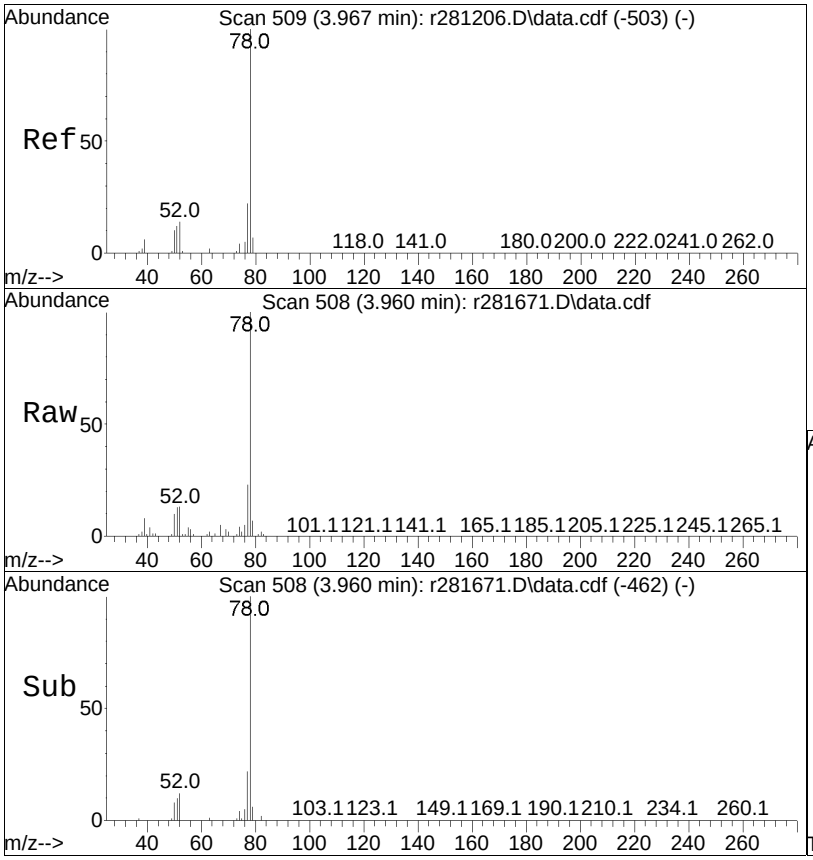


#45
hexane
Concen: 36.88 ppbV
RT: 3.267 min Scan# 406
Delta R.T. -0.007 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion: 57 Resp: 1060824

Ion	Ratio	Lower	Upper
57	100		
43	57.3	85.3	127.9#
86	22.8	16.6	25.0

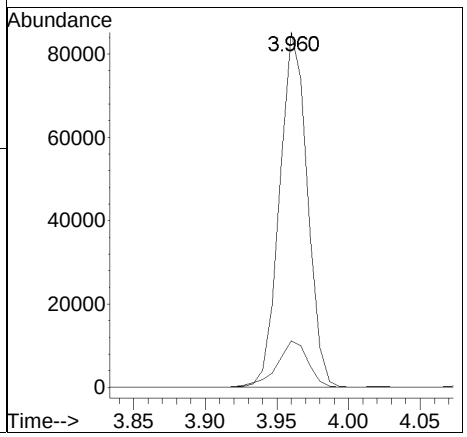


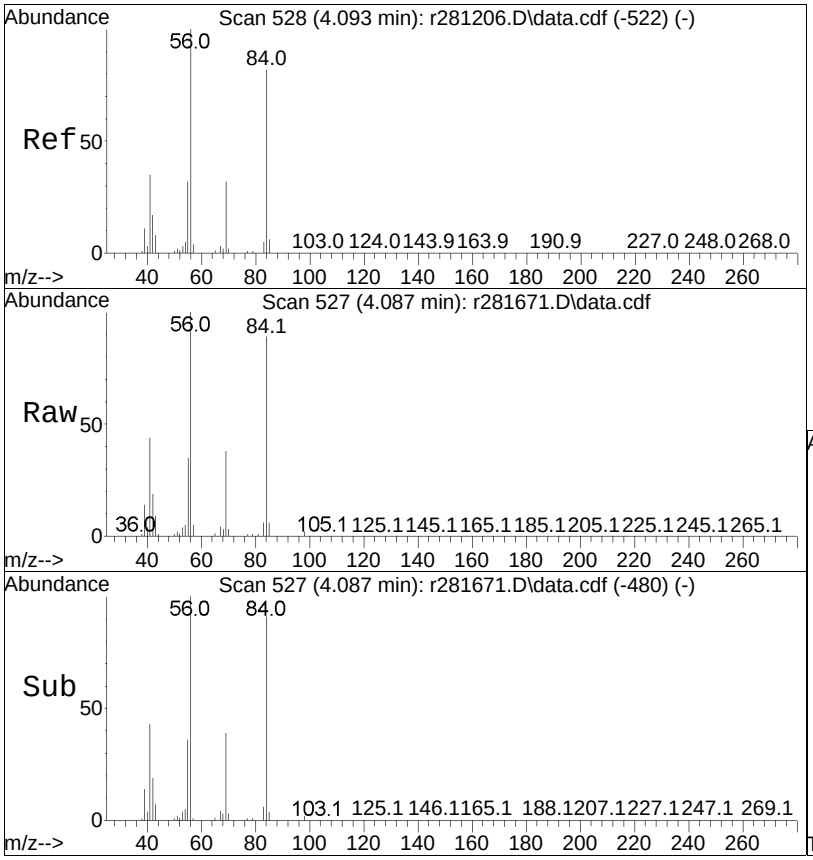


#51
benzene
Concen: 2.13 ppbV
RT: 3.960 min Scan# 508
Delta R.T. -0.007 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion: 78 Resp: 114816

Ion	Ratio	Lower	Upper
78	100		
52	13.1	11.2	16.8

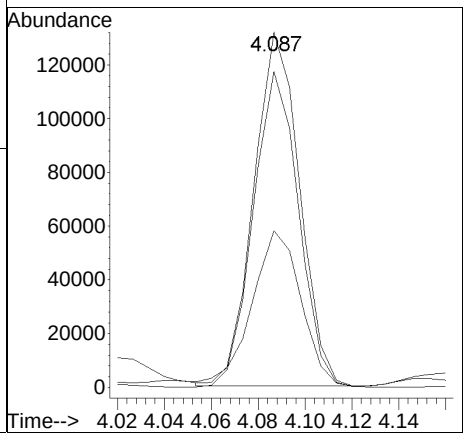


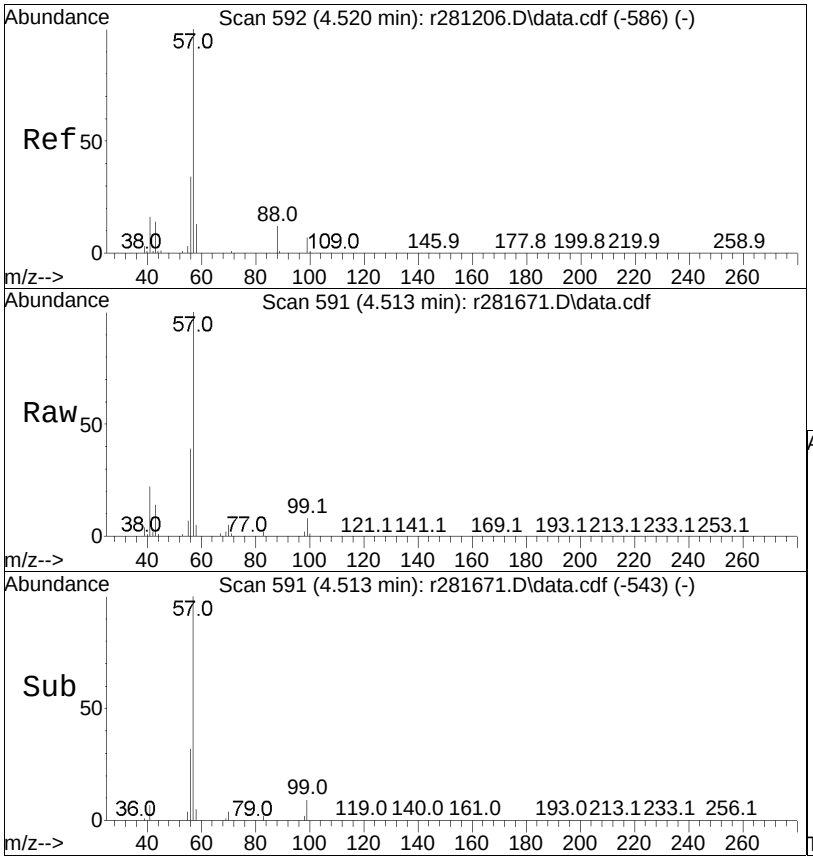


#54
cyclohexane
Concen: 6.46 ppbV
RT: 4.087 min Scan# 527
Delta R.T. -0.007 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion: 56 Resp: 179146

Ion	Ratio	Lower	Upper
56	100		
84	88.9	67.8	101.8
41	44.1	28.4	42.6#

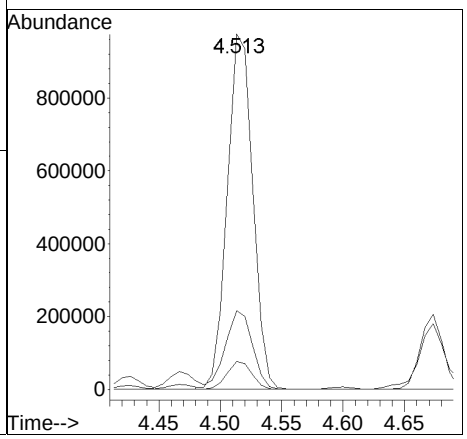


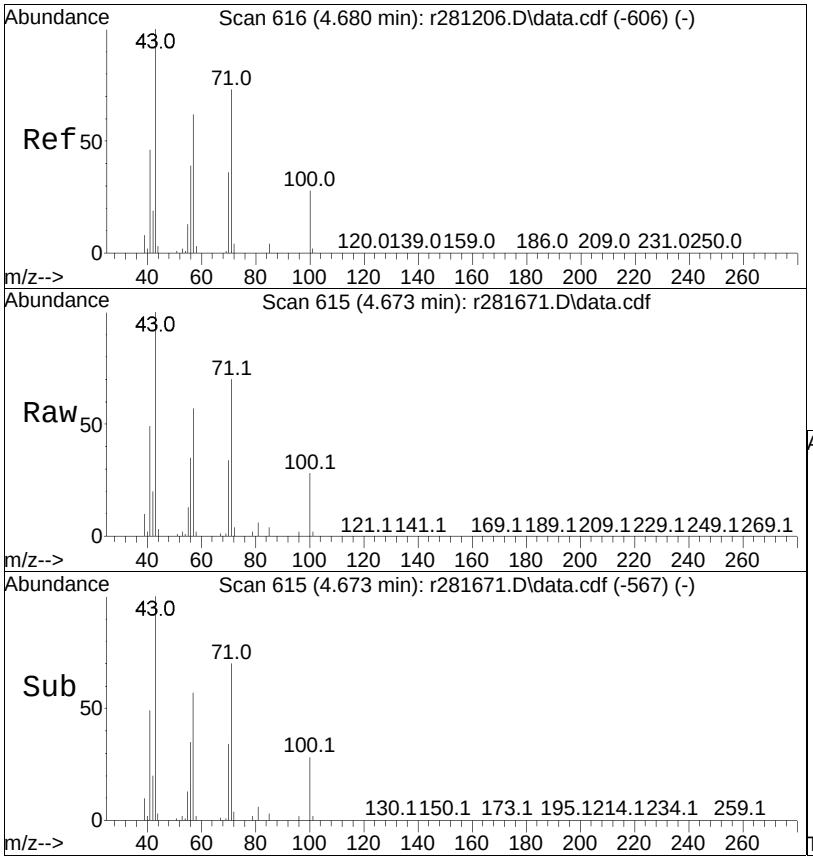


#61
2,2,4-trimethylpentane
Concen: 17.39 ppbV
RT: 4.513 min Scan# 591
Delta R.T. -0.007 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion: 57 Resp: 1412454

Ion	Ratio	Lower	Upper
57	100		
99	7.9	5.5	8.3
41	22.2	12.7	19.1#

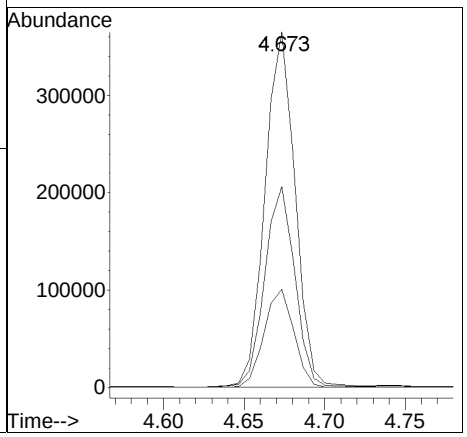


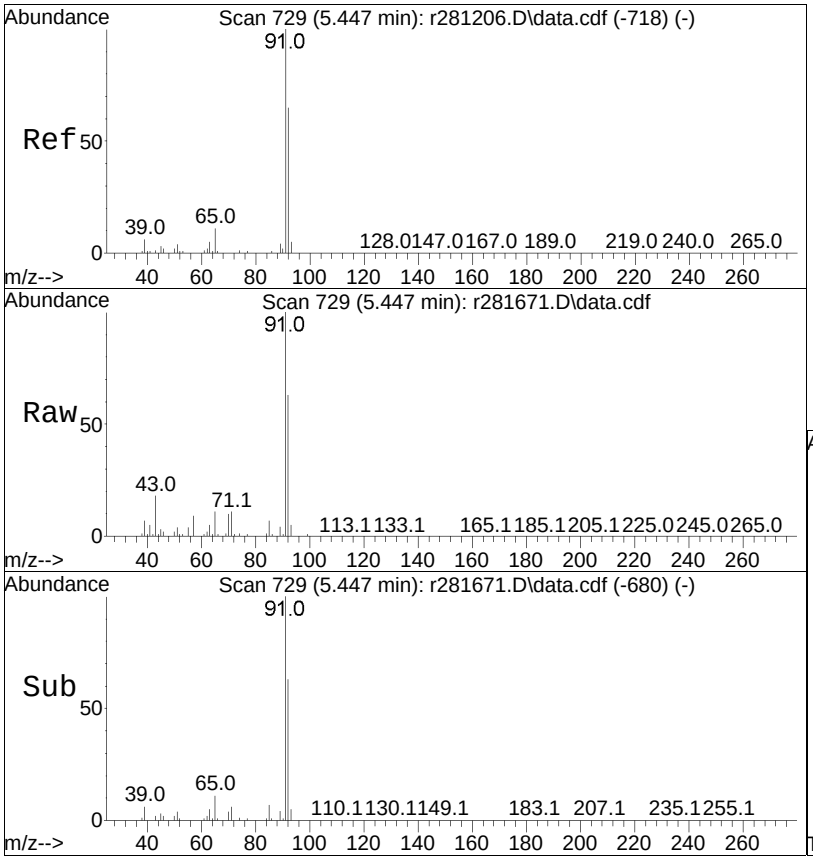


#63
heptane
Concen: 18.32 ppbV
RT: 4.673 min Scan# 615
Delta R.T. -0.007 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion: 43 Resp: 474133

Ion	Ratio	Lower	Upper
43	100		
57	56.5	50.0	75.0
100	27.6	22.8	34.2

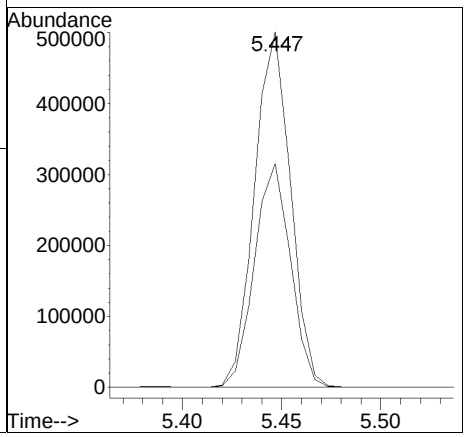


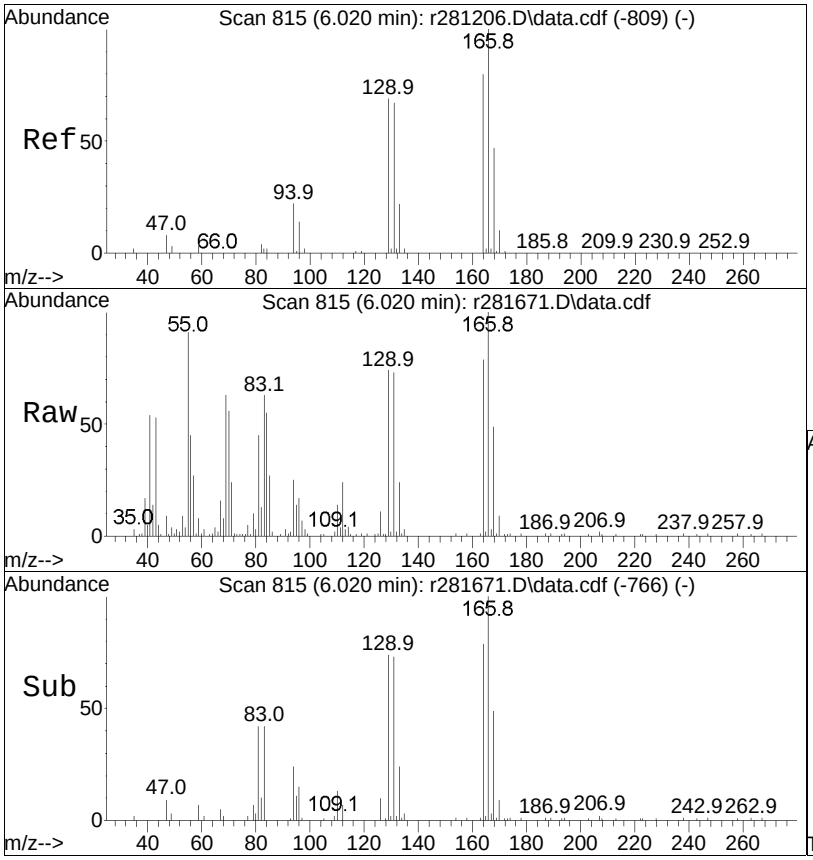


#69
toluene
Concen: 9.92 ppbV
RT: 5.447 min Scan# 729
Delta R.T. 0.000 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion: 91 Resp: 632382

Ion	Ratio	Lower	Upper
91	100		
92	63.0	51.9	77.9

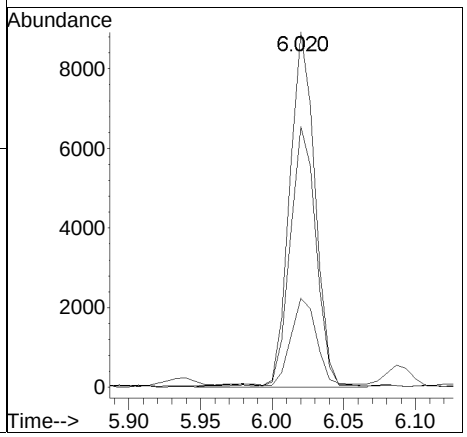


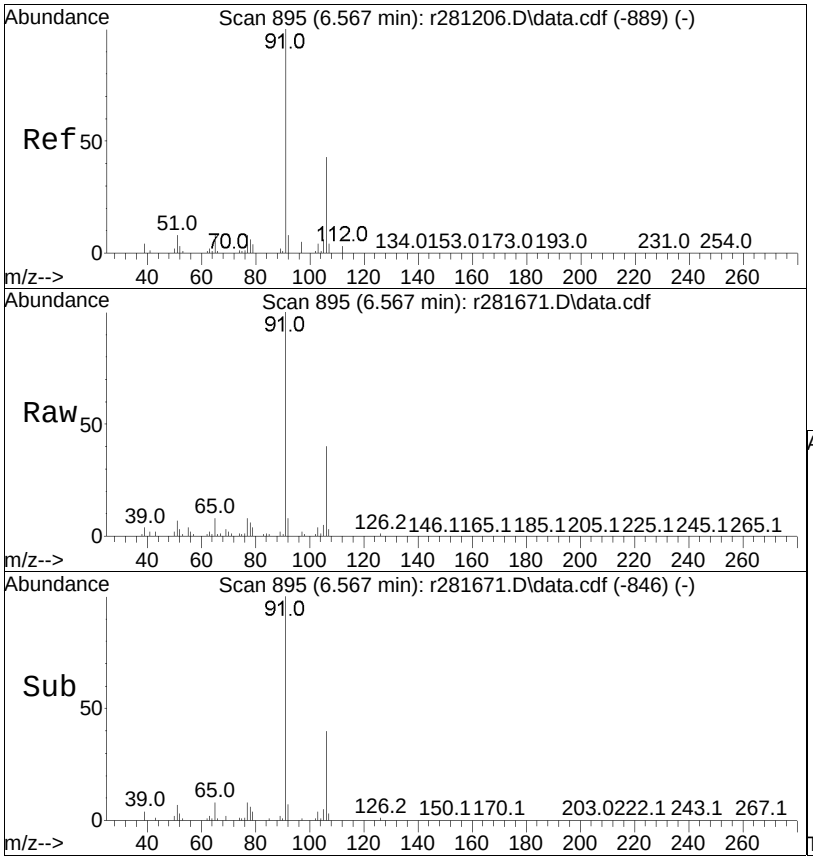


#79
tetrachloroethene
Concen: 0.41 ppbV
RT: 6.020 min Scan# 815
Delta R.T. 0.000 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion:166 Resp: 11016

Ion	Ratio	Lower	Upper
166	100		
131	73.4	53.3	79.9
94	25.1	17.7	26.5

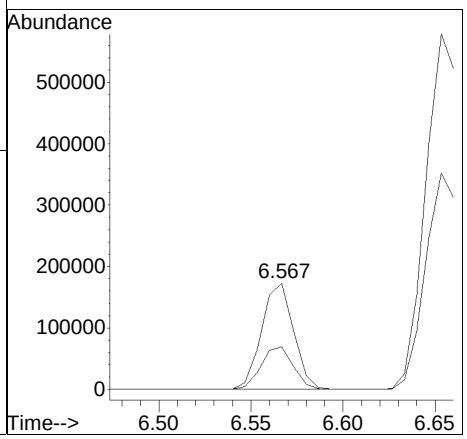


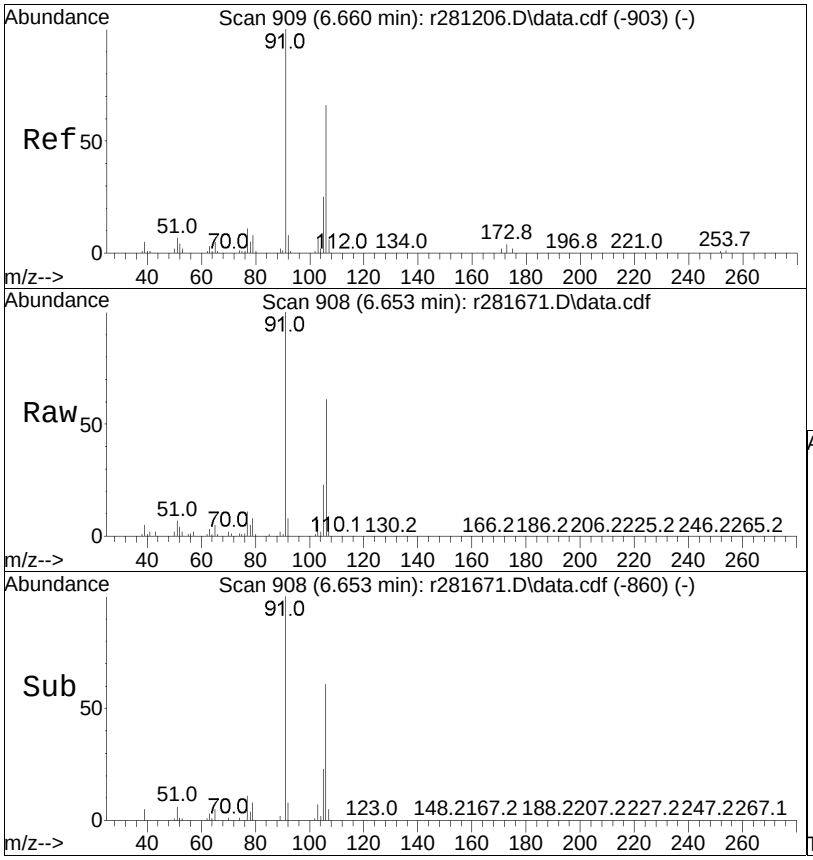


#82
ethylbenzene
Concen: 2.71 ppbV
RT: 6.567 min Scan# 895
Delta R.T. 0.000 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion: 91 Resp: 208442

Ion	Ratio	Lower	Upper
91	100		
106	40.1	34.3	51.5

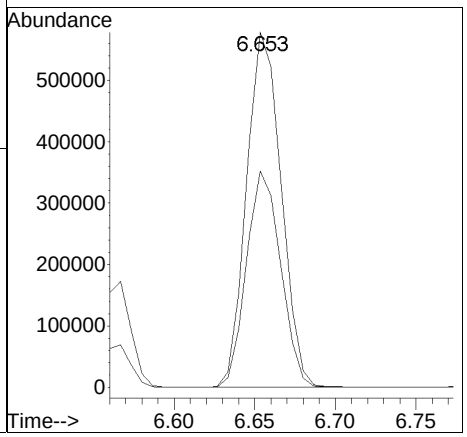


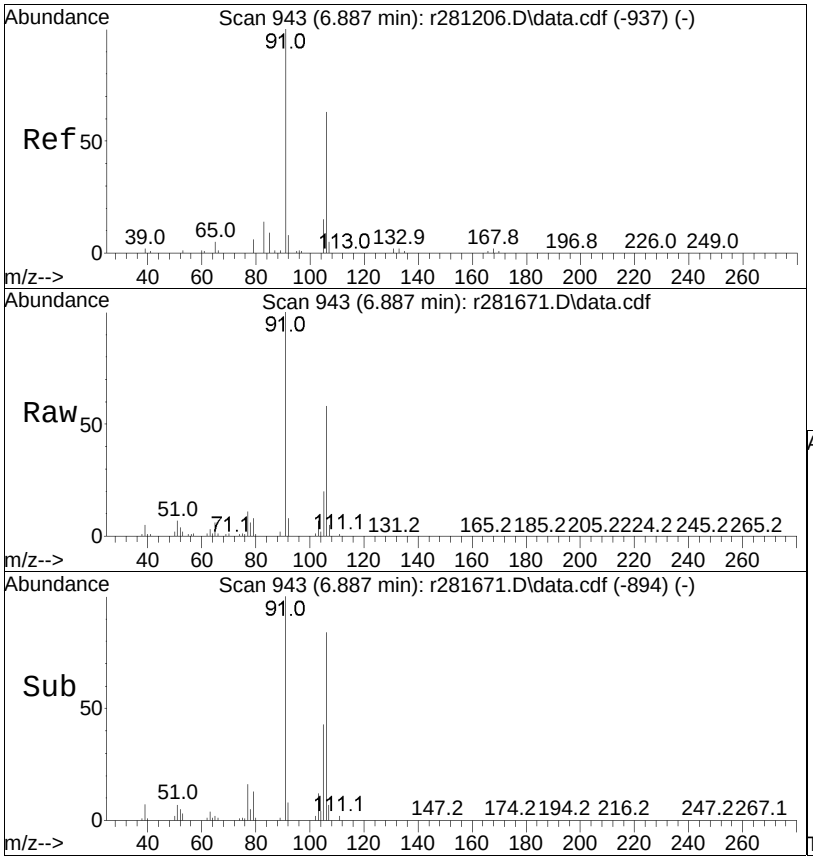


#84
m+p-xylene
Concen: 14.14 ppbV
RT: 6.653 min Scan# 908
Delta R.T. -0.007 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion: 91 Resp: 864531

Ion	Ratio	Lower	Upper
91	100		
106	60.9	52.7	79.1

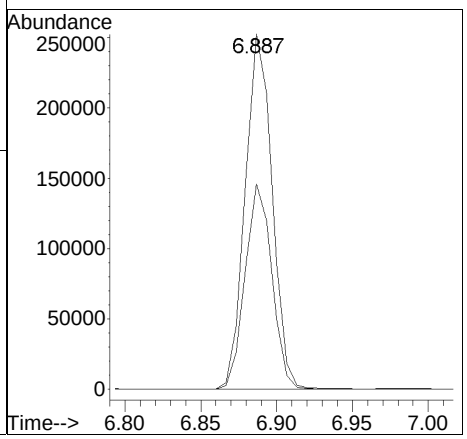


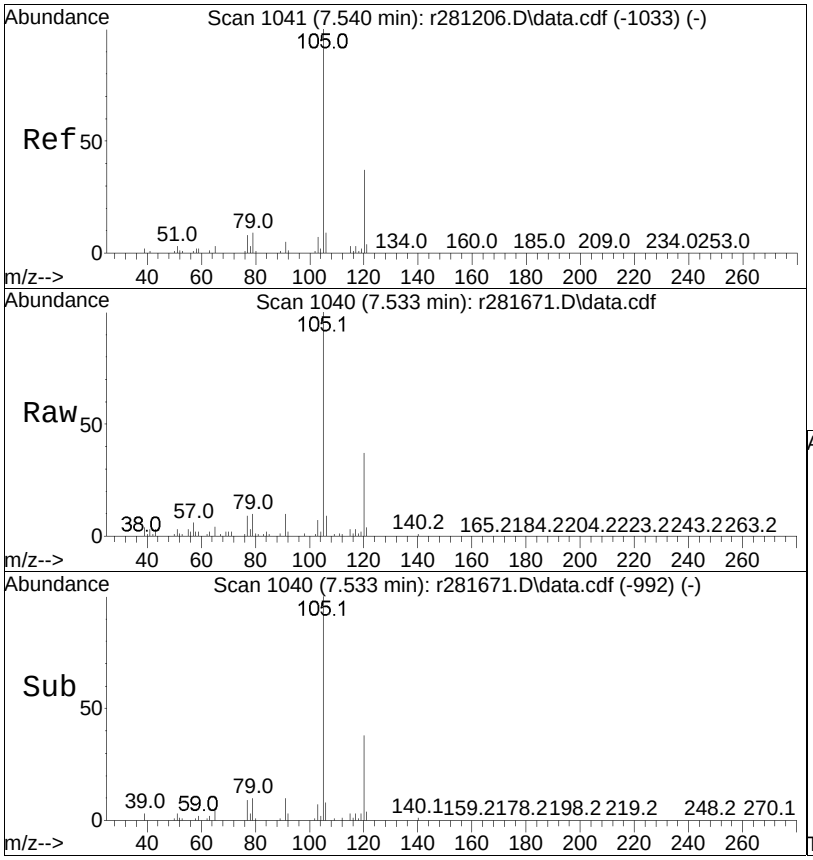


#88
o-xylene
Concen: 5.10 ppbV
RT: 6.887 min Scan# 943
Delta R.T. 0.000 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion: 91 Resp: 312678

Ion	Ratio	Lower	Upper
91	100		
106	57.9	50.2	75.4

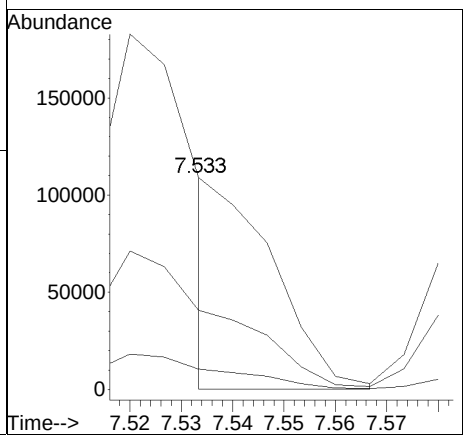


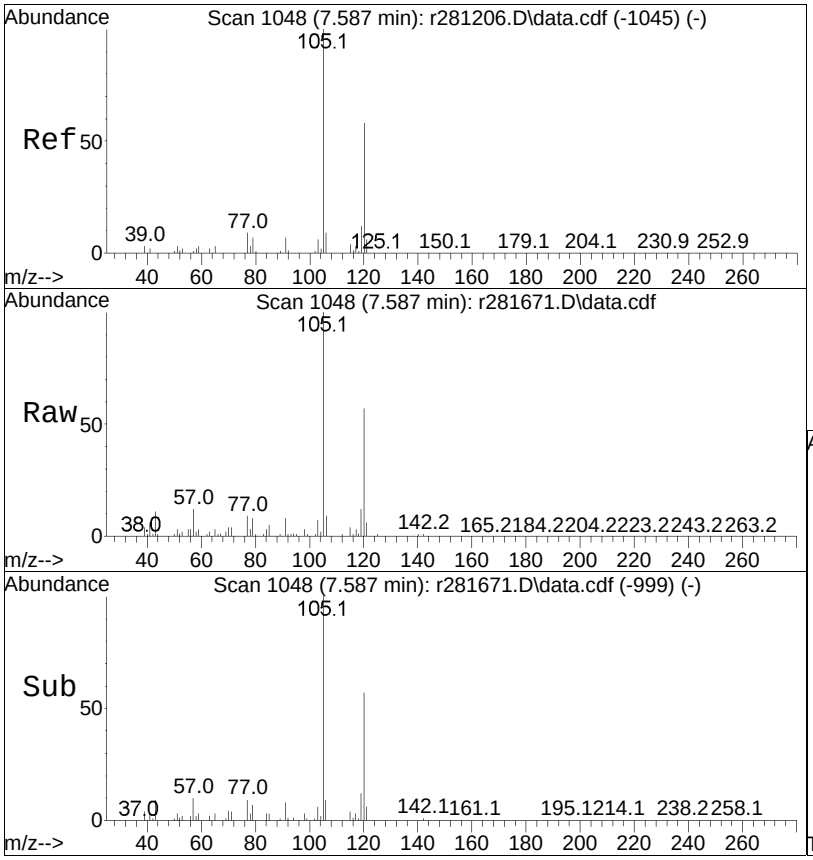


#97
4-ethyl toluene
Concen: 0.95 ppbV m
RT: 7.533 min Scan# 1040
Delta R.T. -0.007 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion:105 Resp: 84834

Ion	Ratio	Lower	Upper
105	100		
120	37.4	29.4	44.0
91	9.6	6.6	9.8

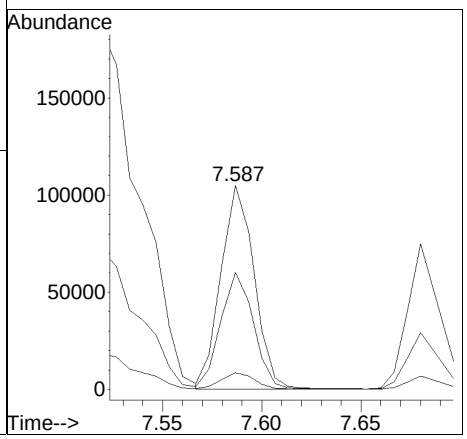


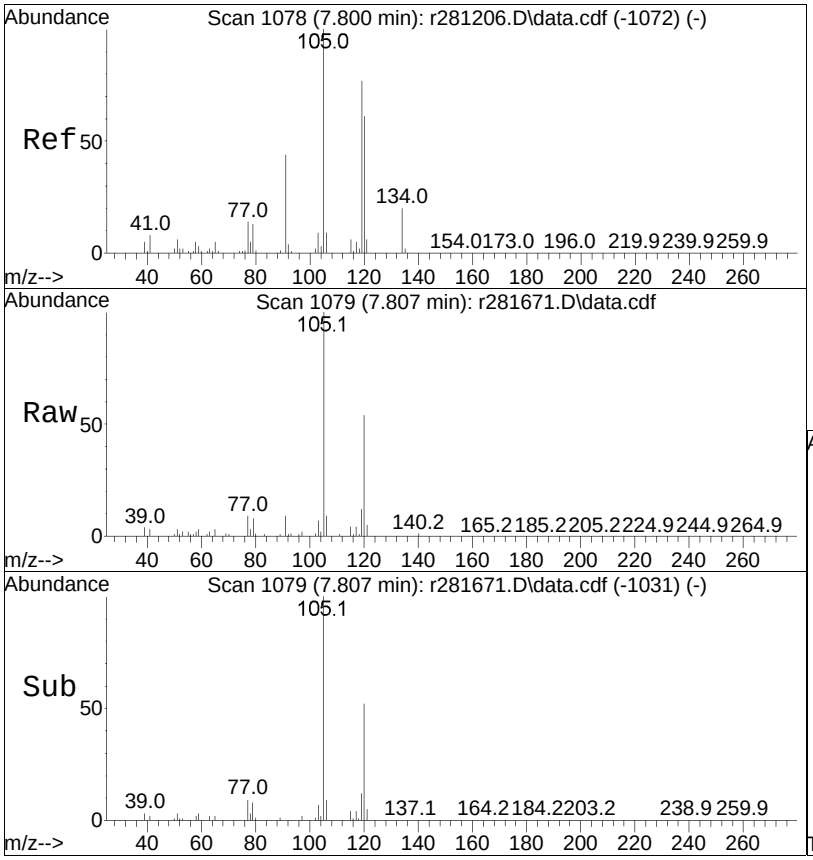


#98
1,3,5-trimethylbenzene
Concen: 1.58 ppbV
RT: 7.587 min Scan# 1048
Delta R.T. 0.000 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion:105 Resp: 123165

Ion	Ratio	Lower	Upper
105	100		
120	57.3	46.2	69.2
91	8.2	6.0	9.0

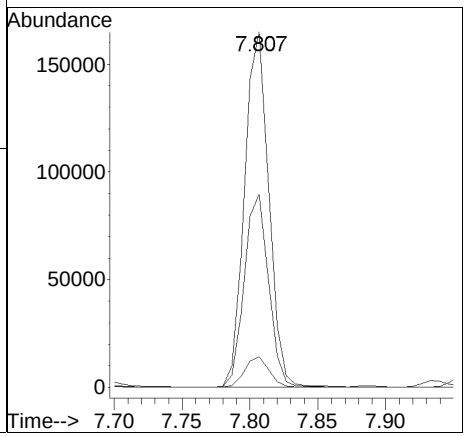


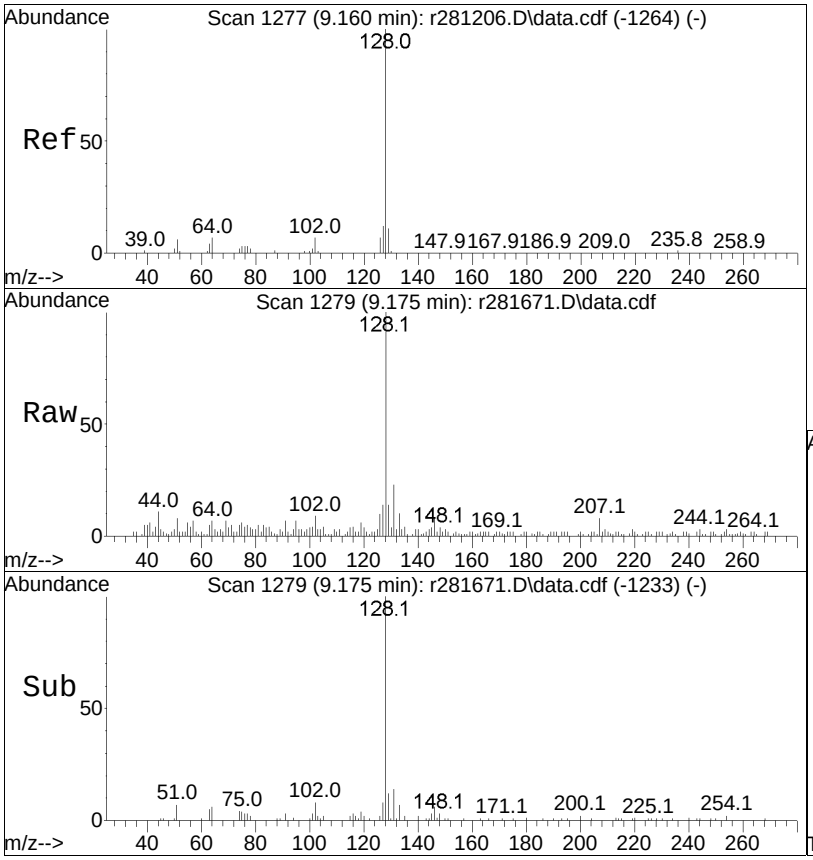


#100
1,2,4-trimethylbenzene
Concen: 2.72 ppbV
RT: 7.807 min Scan# 1079
Delta R.T. 0.007 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion:105 Resp: 205149

Ion	Ratio	Lower	Upper
105	100		
120	54.4	49.2	73.8
91	8.7	35.6	53.4#

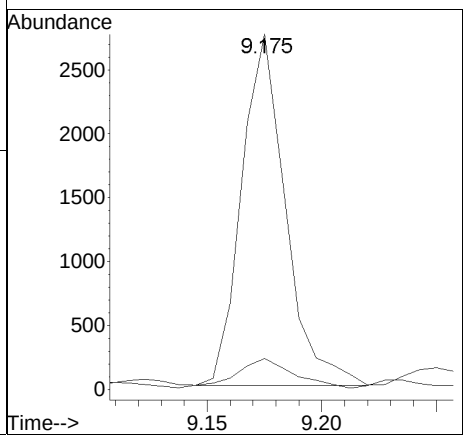




#117
naphthalene
Concen: 0.03 ppbV
RT: 9.175 min Scan# 1279
Delta R.T. 0.015 min
Lab File: r281671.D
Acq: 5 Mar 2026 6:55 AM

Tgt Ion:128 Resp: 3666

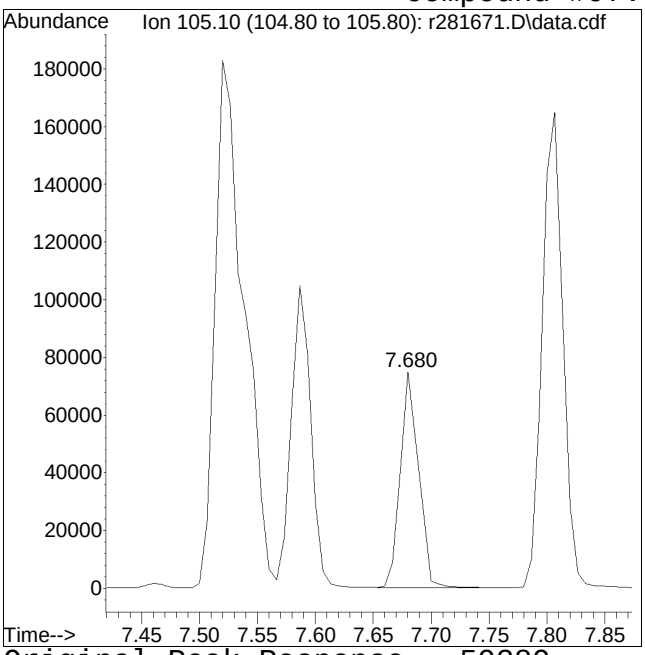
Ion	Ratio	Lower	Upper
128	100		
102	8.7	5.3	7.9#



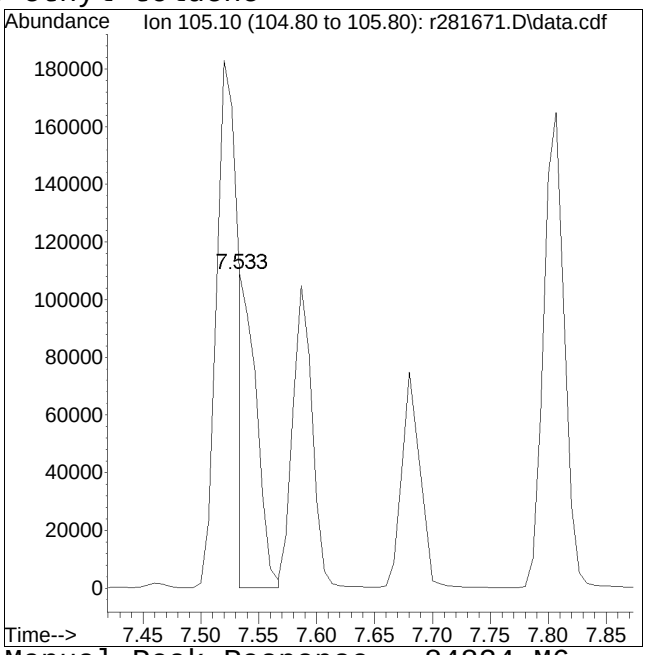
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281671.D Operator : AIRLAB28:TPH
Date Inj'd : 3/5/2026 6:55 AM Instrument :
Sample : L2610159-02D,3,5.68,250 Quant Date : 3/5/2026 7:56 am

Compound #97: 4-ethyl toluene



Original Peak Response = 59389



Manual Peak Response = 84834 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2610159**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB28**	**Ical Ref**	**: ICAL23051**
Calibration dates	**: 02/10/26 08:22 02/10/26 12:20**		

Calibration Files

0.2 =r281202.D 0.5 =r281203.D 1.0 =r281204.D 5.0 =r281205.D 10 =r281206.D 20 =r281207.D

50 =r281208.D 100 =r281209.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		1,1-difluoroethane	1.110	1.073	1.045	0.926	0.852	0.750	0.576	0.412	0.843	29.66
3)		chlorodifluoromethane	0.759	0.759	0.768	0.687	0.705	0.590	0.533	0.576	0.672	13.89
4)		propylene		0.785	0.741	0.649	0.617	0.632	0.593	0.540	0.651	13.07
5)		propane		0.532	0.543	0.526	0.505	0.460	0.424	0.375	0.481	13.15
6)		dichlorodifluoromethane	0.822	0.883	0.775	0.749	0.650	0.727	0.648	0.500	0.719	16.58
7)	C	chloromethane	0.458	0.445	0.420	0.388	0.378	0.378	0.366	0.341	0.397	10.16
8)		Freon-114	1.326	1.236	1.213	1.124	1.063	1.026	0.911	0.780	1.085	16.56
9)	C	methanol			0.236	0.231	0.213	0.188	0.172	0.150	0.199	17.22
10)	C	vinyl chloride	0.674	0.619	0.602	0.557	0.539	0.535	0.510	0.471	0.563	11.58
11)	C	1,3-butadiene	0.495	0.509	0.482	0.431	0.421	0.434	0.413	0.378	0.445	10.20
12)		butane	0.880	0.805	0.803	0.743	0.721	0.699	0.671	0.622	0.743	11.20
13)	C	acetaldehyde		0.261	0.256	0.236	0.219	0.199	0.179	0.157	0.215	18.13
14)	C	bromomethane	0.505	0.466	0.442	0.411	0.391	0.390	0.364	0.327	0.412	13.96
15)	C	chloroethane	0.312	0.359	0.294	0.279	0.296	0.271	0.275	0.268	0.294	10.24
16)		ethanol			0.350	0.343	0.297	0.308	0.291	0.244	0.306	12.67
17)		dichlorofluoromethane	1.198	1.005	0.994	0.963	0.925	0.866	0.781	0.682	0.927	16.82
18)	C	vinyl bromide	0.585	0.561	0.522	0.476	0.458	0.466	0.435	0.382	0.485	13.82
19)	C	acrolein		0.302	0.310	0.286	0.281	0.281	0.275	0.259	0.285	6.01
20)		acetone	0.586	0.557	0.542	0.458	0.448	0.453	0.424	0.383	0.481	14.88
21)	C	acetonitrile	0.602	0.554	0.514	0.477	0.463	0.451	0.436	0.403	0.488	13.46
22)		trichlorofluoromethane	0.724	0.698	0.707	0.643	0.619	0.613	0.578	0.525	0.638	10.78
23)		isopropyl alcohol	1.155	1.071	0.952	0.730	0.650	0.733	0.695	0.628	0.827	24.60
24)	C	acrylonitrile	0.584	0.552	0.545	0.510	0.510	0.496	0.552	0.493	0.530	6.13
25)		pentane	1.211	1.063	1.065	0.954	1.097	0.910	0.971	0.761	1.004	13.57
26)		ethyl ether	0.775	0.690	0.708	0.792	0.754	0.732	0.694	0.605	0.719	8.23
27)	C	1,1-dichloroethene	0.804	0.695	0.688	0.699	0.630	0.604	0.623	0.514	0.657	12.97
28)		tertiary butyl alcohol		1.202	1.112	1.127	1.025	1.059	0.996	0.898	1.060	9.34
29)	C	methylene chloride		0.545	0.511	0.480	0.470	0.467	0.450	0.419	0.477	8.60
30)	C	3-chloropropene	0.791	0.723	0.708	0.643	0.625	0.643	0.628	0.591	0.669	9.87
31)	C	carbon disulfide	1.713	1.651	1.632	1.474	1.426	1.459	1.356	1.392	1.513	8.82
32)		Freon 113	1.012	0.978	1.004	0.911	0.890	0.849	0.766	0.656	0.883	14.05
33)		trans-1,2-dichloroethene	0.691	0.661	0.654	0.591	0.576	0.598	0.568	0.520	0.607	9.35
34)	C	1,1-dichloroethane	0.943	0.880	0.885	0.841	0.811	0.805	0.773	0.711	0.831	8.71
35)	C	MTBE	1.513	1.312	1.315	1.183	1.161	1.185	1.137	1.056	1.233	11.55
36)	C	vinyl acetate			0.715	0.795	0.891	0.988	1.033	1.013	0.906	14.26

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2610159**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB28**	**Ical Ref**	**: ICAL23051**
Calibration dates	**: 02/10/26 08:22 02/10/26 12:20**		

Calibration Files

0.2 =r281202.D 0.5 =r281203.D 1.0 =r281204.D 5.0 =r281205.D 10 =r281206.D 20 =r281207.D

50 =r281208.D 100 =r281209.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
37)	C	2-butanone		1.944	1.628	1.565	1.518	1.543	1.488	1.402	1.584	10.95
38)		cis-1,2-dichloroethene	1.244	1.227	1.162	1.069	1.025	1.002	0.951	0.863	1.068	12.62
39)		Ethyl Acetate		0.343	0.329	0.406	0.390	0.351	0.342	0.337	0.357	8.24
40)	C	chloroform	1.526	1.523	1.454	1.353	1.290	1.258	1.144	0.979	1.316	14.48
41)		Tetrahydrofuran		1.004	0.950	0.845	0.835	0.853	0.833	0.792	0.873	8.59
42)		2,2-dichloropropane	1.173	1.205	1.159	1.130	1.076	1.009	0.912	0.767	1.054	14.28
43)	C	1,2-dichloroethane	0.827	0.804	0.794	0.720	0.693	0.653	0.628	0.556	0.709	13.42
44)	I	1,4-difluorobenzene	----------ISTD----------									
45)	C	hexane	0.613	0.566	0.563	0.405	0.386	0.388	0.351	0.288	0.445	26.66
46)		diisopropyl ether	0.360	0.329	0.320	0.271	0.262	0.248	0.231	0.193	0.277	20.20
47)		tert-butyl ethyl ether	0.840	0.819	0.797	0.753	0.746	0.697	0.644	0.558	0.732	13.01
48)	s	1,2-dichloroethane-D4	0.119	0.112	0.115	0.116	0.115	0.113	0.110	0.105	0.113	3.97
49)	C	1,1,1-trichloroethane	0.327	0.304	0.314	0.294	0.310	0.273	0.274	0.220	0.290	11.71
50)		1,1-dichloropropene	0.347	0.349	0.335	0.330	0.322	0.307	0.292	0.261	0.318	9.43
51)	C	benzene	0.953	0.911	0.890	0.832	0.814	0.799	0.775	0.690	0.833	10.02
52)		thiophene	0.702	0.656	0.626	0.713	0.697	0.567	0.534	0.463	0.620	14.63
53)	C	carbon tetrachloride	0.309	0.294	0.296	0.275	0.263	0.257	0.227	0.188	0.263	15.24
54)		cyclohexane	0.497	0.471	0.460	0.422	0.413	0.418	0.401	0.352	0.429	10.62
55)		tert-amyl methyl ether	0.823	0.772	0.778	0.739	0.734	0.684	0.654	0.584	0.721	10.66
56)		dibromomethane	0.236	0.217	0.217	0.212	0.203	0.192	0.173	0.142	0.199	14.96
57)	C	1,2-dichloropropane	0.316	0.288	0.282	0.270	0.264	0.256	0.240	0.208	0.266	12.27
58)		bromodichloromethane	0.393	0.360	0.372	0.345	0.337	0.338	0.313	0.276	0.342	10.52
59)	C	1,4-dioxane	0.227	0.204	0.182	0.181	0.166	0.183	0.168	0.135	0.181	15.11
60)	C	trichloroethene	0.429	0.412	0.401	0.352	0.343	0.328	0.302	0.247	0.352	17.33
61)	C	2,2,4-trimethylpentane	1.496	1.413	1.409	1.269	1.222	1.223	1.106	0.921	1.257	14.81
62)		methyl methacrylate		0.300	0.306	0.277	0.277	0.267	0.258	0.231	0.274	9.27
63)		heptane	0.461	0.437	0.433	0.393	0.385	0.394	0.372	0.329	0.401	10.47
64)	C	cis-1,3-dichloropropene	0.430	0.399	0.388	0.367	0.363	0.366	0.353	0.321	0.373	8.73
65)	C	4-methyl-2-pentanone		0.497	0.486	0.446	0.448	0.446	0.427	0.385	0.448	8.26
66)		trans-1,3-dichloropropene	0.282	0.270	0.272	0.252	0.250	0.258	0.250	0.230	0.258	6.34
67)	C	1,1,2-trichloroethane	0.328	0.322	0.309	0.293	0.291	0.285	0.270	0.235	0.292	10.23
68)	I	chlorobenzene-D5	----------ISTD----------									
69)	C	toluene	1.097	1.020	1.010	0.928	0.899	0.877	0.789	0.668	0.911	15.06
70)	s	toluene-D8	7.842	7.880	7.993	7.888	7.631	7.697	7.618	7.517	7.758	2.14
71)		2-methylthiophene	8.938	8.657	8.643	9.435	9.057	7.342	6.465	5.164	7.963	18.82
72)		1,3-dichloropropane	4.703	4.513	4.462	4.230	4.069	3.862	3.491	2.862	4.024	15.14

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2610159**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB28**	**Ical Ref**	**: ICAL23051**
Calibration dates	**: 02/10/26 08:22 02/10/26 12:20**		

Calibration Files
0.2 =r281202.D 0.5 =r281203.D 1.0 =r281204.D 5.0 =r281205.D 10 =r281206.D 20 =r281207.D
50 =r281208.D 100 =r281209.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
73)		2-hexanone	4.940	4.683	4.503	4.145	4.113	4.170	3.983	3.509	4.256	10.45
74)		3-methylthiophene	9.463	8.895	8.708	9.687	9.355	7.741	7.039	5.921	8.351	15.97
75)		dibromochloromethane	4.270	3.988	3.992	3.556	3.418	3.524	3.136	2.697	3.573	14.26
76)	C	1,2-dibromoethane	4.748	4.525	4.443	4.050	4.017	4.012	3.722	3.228	4.093	11.82
77)		butyl acetate		1.508	1.501	1.403	1.345	1.320	1.261	1.114	1.350	10.26
78)		octane	4.517	4.258	4.200	3.943	3.823	3.680	3.355	2.841	3.827	14.07
79)	C	tetrachloroethene	4.523	4.355	4.349	3.960	3.825	3.754	3.325	2.711	3.850	15.68
80)		1,1,1,2-tetrachloroethane	4.045	3.495	3.411	3.234	3.130	2.886	2.371	1.821	3.049	22.71
81)	C	chlorobenzene	9.383	9.053	8.872	8.142	7.943	7.684	6.548	5.136	7.845	18.04
82)	C	ethylbenzene	1.299	1.219	1.243	1.141	1.109	1.066	0.935	0.765	1.097	16.04
83)		2-ethylthiophene	0.989	0.932	0.930	1.050	1.017	0.831	0.721	0.576	0.881	18.45
84)	C	m+p-xylene	1.084	1.026	1.012	0.930	0.884	0.842	0.687	0.523	0.873	21.58
85)	C	bromoform	3.632	3.384	3.361	3.017	2.977	2.975	2.578	2.045	2.996	16.78
86)	C	styrene	9.539	9.182	9.259	8.505	8.416	8.457	7.820	6.543	8.465	11.31
87)	C	1,1,2,2-tetrachloroethane	6.823	6.254	6.216	6.106	5.919	5.991	5.274	4.249	5.854	13.28
88)	C	o-xylene	1.065	1.020	0.994	0.922	0.888	0.854	0.713	0.553	0.876	19.47
89)		1,2,3-trichloropropane	5.083	4.889	4.755	4.772	4.706	4.522	4.211	3.671	4.576	9.76
90)		nonane	6.358	6.030	5.980	5.906	5.757	5.390	4.896	4.065	5.548	13.45
91)	s	bromofluorobenzene	4.341	4.343	4.415	4.393	4.369	4.236	4.353	4.456	4.363	1.49
92)	C	isopropylbenzene	1.519	1.455	1.456	1.436	1.405	1.301	1.142	0.887	1.325	16.05
93)		bromobenzene	8.187	7.547	7.256	7.014	6.789	6.379	5.641	4.851	6.708	15.93
94)		2-chlorotoluene	4.284	3.926	3.894	3.895	3.846	3.683	3.438	2.901	3.733	11.03
95)		n-propylbenzene	5.359	4.881	4.855	4.909	4.810	4.516	3.825	3.042	4.525	16.39
96)		4-chlorotoluene	4.169	3.984	3.936	4.040	3.914	3.653	3.141	2.592	3.679	14.74
97)		4-ethyl toluene	1.495	1.394	1.398	1.330	1.299	1.285	1.145	0.915	1.283	14.07
98)		1,3,5-trimethylbenzene	1.258	1.207	1.213	1.189	1.162	1.113	0.972	0.780	1.112	14.37
99)		tert-butylbenzene	1.367	1.316	1.293	1.309	1.263	1.157	0.952	0.735	1.174	18.77
100)		1,2,4-trimethylbenzene	1.285	1.228	1.212	1.202	1.136	1.068	0.859	0.630	1.078	20.77
101)		decane	9.649	9.039	9.032	9.564	9.178	8.519	7.072	5.441	8.437	17.26
102)	C	Benzyl Chloride	9.061	8.716	8.938	8.754	8.160	8.298	6.787	5.332	8.006	16.21
103)		1,3-dichlorobenzene	8.657	8.141	8.071	8.178	7.946	7.603	6.187	4.712	7.437	17.76
104)	C	1,4-dichlorobenzene	8.442	8.258	8.043	8.359	8.196	7.987	6.894	5.300	7.685	14.04
105)		sec-butylbenzene	1.884	1.784	1.795	1.889	1.800	1.712	1.486	1.107	1.682	15.74
106)		1,2,3-trimethylbenzene	1.349	1.262	1.267	1.348	1.302	1.218	1.028	0.810	1.198	15.60
107)		p-isopropyltoluene	1.662	1.575	1.575	1.680	1.622	1.508	1.287	0.997	1.488	15.70
108)		1,2-dichlorobenzene	7.968	7.601	7.601	7.877	7.680	7.682	6.872	5.727	7.376	10.07

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2610159**
Project Name	**: 1885 ATLANTIC AVE.**	**Project Number**	**: 0205125**
Instrument ID	**: AIRLAB28**	**Ical Ref**	**: ICAL23051**
Calibration dates	**: 02/10/26 08:22 02/10/26 12:20**		

Calibration Files
0.2 =r281202.D 0.5 =r281203.D 1.0 =r281204.D 5.0 =r281205.D 10 =r281206.D 20 =r281207.D
50 =r281208.D 100 =r281209.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
109)		n-butylbenzene	1.169	1.146	1.138	1.286	1.239	1.178	1.027	0.844	1.128	12.20
110)		indan	1.178	1.124	1.132	1.128	1.114	1.118	1.002	0.817	1.077	10.79
111)		indene	8.817	8.697	8.713	9.283	8.951	9.339	8.500	7.298	8.700	7.31
112)	C	1,2-dibromo-3-chloropr...	2.237	2.157	2.181	2.777	2.635	2.619	2.329	1.959	2.362	12.04
113)		undecane	0.962	0.951	0.940	1.162	1.105	1.011	0.850	0.674	0.957	15.73
114)		1,2,4,5-tetramethylben...	4.840	4.499	4.435	6.925	6.659	5.149	5.084	4.838	5.304	17.99
115)		dodecane	0.876	0.902	0.886	1.327	1.272	1.057	0.892	0.699	0.989	21.76
116)	C	1,2,4-trichlorobenzene	4.768	4.546	4.716	6.361	6.250	6.257	5.441	4.578	5.365	15.19
117)		naphthalene	1.586	1.568	1.585	2.085	1.978	1.878	1.653	1.138	1.684	17.62
118)		1,2,3-trichlorobenzene	4.499	4.592	4.458	6.927	6.696	6.328	5.803	4.689	5.499	19.21
119)		benzothiophene	0.977	1.006	1.051	1.886	1.830	1.370	1.291	1.040	1.307	28.19
120)	C	hexachlorobutadiene	4.059	4.087	3.852	5.407	5.030	4.837	3.873	2.918	4.258	18.68
121)		2-methylnaphthalene			4.177	8.473	8.591	5.759	6.288	5.724	6.502	26.52
122)		1-methylnaphthalene			0.449	1.545	1.558	0.510	0.563	0.524	0.858	62.70#

Response Factor Report

Method Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Method File : TFS28_2600210.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Wed Feb 11 08:35:36 2026
Response Via : Initial Calibration

Calibration Files
0.2 =r281202.D 0.5 =r281203.D 1.0 =r281204.D 5.0 =r281205.D 10 =r281206.D 20 =r281207.D
50 =r281208.D 100 =r281209.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		1,1-difluoroet...	1.110	1.073	1.045	0.926	0.852	0.750	0.576	0.412	0.843	29.66
3)		chlorodifluoro...	0.759	0.759	0.768	0.687	0.705	0.590	0.533	0.576	0.672	13.89
4)		propylene		0.785	0.741	0.649	0.617	0.632	0.593	0.540	0.651	13.07
5)		propane		0.532	0.543	0.526	0.505	0.460	0.424	0.375	0.481	13.15
6)		dichlorodifluo...	0.822	0.883	0.775	0.749	0.650	0.727	0.648	0.500	0.719	16.58
7)	C	chloromethane	0.458	0.445	0.420	0.388	0.378	0.378	0.366	0.341	0.397	10.16
8)		Freon-114	1.326	1.236	1.213	1.124	1.063	1.026	0.911	0.780	1.085	16.56
9)	C	methanol			0.236	0.231	0.213	0.188	0.172	0.150	0.199	17.22
10)	C	vinyl chloride	0.674	0.619	0.602	0.557	0.539	0.535	0.510	0.471	0.563	11.58
11)	C	1,3-butadiene	0.495	0.509	0.482	0.431	0.421	0.434	0.413	0.378	0.445	10.20
12)		butane	0.880	0.805	0.803	0.743	0.721	0.699	0.671	0.622	0.743	11.20
13)	C	acetaldehyde		0.261	0.256	0.236	0.219	0.199	0.179	0.157	0.215	18.13
14)	C	bromomethane	0.505	0.466	0.442	0.411	0.391	0.390	0.364	0.327	0.412	13.96
15)	C	chloroethane	0.312	0.359	0.294	0.279	0.296	0.271	0.275	0.268	0.294	10.24
16)		ethanol			0.350	0.343	0.297	0.308	0.291	0.244	0.306	12.67
17)		dichlorofluoro...	1.198	1.005	0.994	0.963	0.925	0.866	0.781	0.682	0.927	16.82
18)	C	vinyl bromide	0.585	0.561	0.522	0.476	0.458	0.466	0.435	0.382	0.485	13.82
19)	C	acrolein		0.302	0.310	0.286	0.281	0.281	0.275	0.259	0.285	6.01
20)		acetone	0.586	0.557	0.542	0.458	0.448	0.453	0.424	0.383	0.481	14.88
21)	C	acetonitrile	0.602	0.554	0.514	0.477	0.463	0.451	0.436	0.403	0.488	13.46
22)		trichlorofluor...	0.724	0.698	0.707	0.643	0.619	0.613	0.578	0.525	0.638	10.78
23)		isopropyl alcohol	1.155	1.071	0.952	0.730	0.650	0.733	0.695	0.628	0.827	24.60
24)	C	acrylonitrile	0.584	0.552	0.545	0.510	0.510	0.496	0.552	0.493	0.530	6.13
25)		pentane	1.211	1.063	1.065	0.954	1.097	0.910	0.971	0.761	1.004	13.57
26)		ethyl ether	0.775	0.690	0.708	0.792	0.754	0.732	0.694	0.605	0.719	8.23
27)	C	1,1-dichloroet...	0.804	0.695	0.688	0.699	0.630	0.604	0.623	0.514	0.657	12.97
28)		tertiary butyl...		1.202	1.112	1.127	1.025	1.059	0.996	0.898	1.060	9.34
29)	C	methylene chlo...		0.545	0.511	0.480	0.470	0.467	0.450	0.419	0.477	8.60
30)	C	3-chloropropene	0.791	0.723	0.708	0.643	0.625	0.643	0.628	0.591	0.669	9.87
31)	C	carbon disulfide	1.713	1.651	1.632	1.474	1.426	1.459	1.356	1.392	1.513	8.82

Response Factor Report

Method Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Method File : TFS28_2600210.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Wed Feb 11 08:35:36 2026
Response Via : Initial Calibration

Calibration Files
0.2 =r281202.D 0.5 =r281203.D 1.0 =r281204.D 5.0 =r281205.D 10 =r281206.D 20 =r281207.D
50 =r281208.D 100 =r281209.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
32)		Freon 113	1.012	0.978	1.004	0.911	0.890	0.849	0.766	0.656	0.883	14.05
33)		trans-1,2-dich...	0.691	0.661	0.654	0.591	0.576	0.598	0.568	0.520	0.607	9.35
34)	C	1,1-dichloroet...	0.943	0.880	0.885	0.841	0.811	0.805	0.773	0.711	0.831	8.71
35)	C	MTBE	1.513	1.312	1.315	1.183	1.161	1.185	1.137	1.056	1.233	11.55
36)	C	vinyl acetate			0.715	0.795	0.891	0.988	1.033	1.013	0.906	14.26
37)	C	2-butanone			1.944	1.628	1.565	1.518	1.543	1.488	1.402	1.584	10.95
38)		cis-1,2-dichlo...	1.244	1.227	1.162	1.069	1.025	1.002	0.951	0.863	1.068	12.62
39)		Ethyl Acetate			0.343	0.329	0.406	0.390	0.351	0.342	0.337	0.357	8.24
40)	C	chloroform	1.526	1.523	1.454	1.353	1.290	1.258	1.144	0.979	1.316	14.48
41)		Tetrahydrofuran			1.004	0.950	0.845	0.835	0.853	0.833	0.792	0.873	8.59
42)		2,2-dichloropr...	1.173	1.205	1.159	1.130	1.076	1.009	0.912	0.767	1.054	14.28
43)	C	1,2-dichloroet...	0.827	0.804	0.794	0.720	0.693	0.653	0.628	0.556	0.709	13.42
44)	I	1,4-difluorobenzene	----------ISTD----------									
45)	C	hexane	0.613	0.566	0.563	0.405	0.386	0.388	0.351	0.288	0.445	26.66
46)		diisopropyl ether	0.360	0.329	0.320	0.271	0.262	0.248	0.231	0.193	0.277	20.20
47)		tert-butyl eth...	0.840	0.819	0.797	0.753	0.746	0.697	0.644	0.558	0.732	13.01
48)	s	1,2-dichloroet...	0.119	0.112	0.115	0.116	0.115	0.113	0.110	0.105	0.113	3.97
49)	C	1,1,1-trichlor...	0.327	0.304	0.314	0.294	0.310	0.273	0.274	0.220	0.290	11.71
50)		1,1-dichloropr...	0.347	0.349	0.335	0.330	0.322	0.307	0.292	0.261	0.318	9.43
51)	C	benzene	0.953	0.911	0.890	0.832	0.814	0.799	0.775	0.690	0.833	10.02
52)		thiophene	0.702	0.656	0.626	0.713	0.697	0.567	0.534	0.463	0.620	14.63
53)	C	carbon tetrach...	0.309	0.294	0.296	0.275	0.263	0.257	0.227	0.188	0.263	15.24
54)		cyclohexane	0.497	0.471	0.460	0.422	0.413	0.418	0.401	0.352	0.429	10.62
55)		tert-amyl meth...	0.823	0.772	0.778	0.739	0.734	0.684	0.654	0.584	0.721	10.66
56)		dibromomethane	0.236	0.217	0.217	0.212	0.203	0.192	0.173	0.142	0.199	14.96
57)	C	1,2-dichloropr...	0.316	0.288	0.282	0.270	0.264	0.256	0.240	0.208	0.266	12.27
58)		bromodichlorom...	0.393	0.360	0.372	0.345	0.337	0.338	0.313	0.276	0.342	10.52
59)	C	1,4-dioxane	0.227	0.204	0.182	0.181	0.166	0.183	0.168	0.135	0.181	15.11
60)	C	trichloroethene	0.429	0.412	0.401	0.352	0.343	0.328	0.302	0.247	0.352	17.33
61)	C	2,2,4-trimethy...	1.496	1.413	1.409	1.269	1.222	1.223	1.106	0.921	1.257	14.81
62)		methyl methacr...			0.300	0.306	0.277	0.277	0.267	0.258	0.231	0.274	9.27

Response Factor Report

Method Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Method File : TFS28_2600210.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Wed Feb 11 08:35:36 2026
Response Via : Initial Calibration

Calibration Files
0.2 =r281202.D 0.5 =r281203.D 1.0 =r281204.D 5.0 =r281205.D 10 =r281206.D 20 =r281207.D
50 =r281208.D 100 =r281209.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
63)		heptane	0.461	0.437	0.433	0.393	0.385	0.394	0.372	0.329	0.401	10.47
64)	C	cis-1,3-dichlo...	0.430	0.399	0.388	0.367	0.363	0.366	0.353	0.321	0.373	8.73
65)	C	4-methyl-2-pen...		0.497	0.486	0.446	0.448	0.446	0.427	0.385	0.448	8.26
66)		trans-1,3-dich...	0.282	0.270	0.272	0.252	0.250	0.258	0.250	0.230	0.258	6.34
67)	C	1,1,2-trichlor...	0.328	0.322	0.309	0.293	0.291	0.285	0.270	0.235	0.292	10.23
68)	I	chlorobenzene-D5	----------ISTD----------									
69)	C	toluene	1.097	1.020	1.010	0.928	0.899	0.877	0.789	0.668	0.911	15.06
70)	s	toluene-D8	7.842	7.880	7.993	7.888	7.631	7.697	7.618	7.517	7.758	2.14
71)		2-methylthiophene	8.938	8.657	8.643	9.435	9.057	7.342	6.465	5.164	7.963	18.82
72)		1,3-dichloropr...	4.703	4.513	4.462	4.230	4.069	3.862	3.491	2.862	4.024	15.14
73)		2-hexanone	4.940	4.683	4.503	4.145	4.113	4.170	3.983	3.509	4.256	10.45
74)		3-methylthiophene	9.463	8.895	8.708	9.687	9.355	7.741	7.039	5.921	8.351	15.97
75)		dibromochlorom...	4.270	3.988	3.992	3.556	3.418	3.524	3.136	2.697	3.573	14.26
76)	C	1,2-dibromoethane	4.748	4.525	4.443	4.050	4.017	4.012	3.722	3.228	4.093	11.82
77)		butyl acetate		1.508	1.501	1.403	1.345	1.320	1.261	1.114	1.350	10.26
78)		octane	4.517	4.258	4.200	3.943	3.823	3.680	3.355	2.841	3.827	14.07
79)	C	tetrachloroethene	4.523	4.355	4.349	3.960	3.825	3.754	3.325	2.711	3.850	15.68
80)		1,1,1,2-tetrac...	4.045	3.495	3.411	3.234	3.130	2.886	2.371	1.821	3.049	22.71
81)	C	chlorobenzene	9.383	9.053	8.872	8.142	7.943	7.684	6.548	5.136	7.845	18.04
82)	C	ethylbenzene	1.299	1.219	1.243	1.141	1.109	1.066	0.935	0.765	1.097	16.04
83)		2-ethylthiophene	0.989	0.932	0.930	1.050	1.017	0.831	0.721	0.576	0.881	18.45
84)	C	m+p-xylene	1.084	1.026	1.012	0.930	0.884	0.842	0.687	0.523	0.873	21.58
85)	C	bromoform	3.632	3.384	3.361	3.017	2.977	2.975	2.578	2.045	2.996	16.78
86)	C	styrene	9.539	9.182	9.259	8.505	8.416	8.457	7.820	6.543	8.465	11.31
87)	C	1,1,2,2-tetrac...	6.823	6.254	6.216	6.106	5.919	5.991	5.274	4.249	5.854	13.28
88)	C	o-xylene	1.065	1.020	0.994	0.922	0.888	0.854	0.713	0.553	0.876	19.47
89)		1,2,3-trichlor...	5.083	4.889	4.755	4.772	4.706	4.522	4.211	3.671	4.576	9.76
90)		nonane	6.358	6.030	5.980	5.906	5.757	5.390	4.896	4.065	5.548	13.45
91)	s	bromofluoroben...	4.341	4.343	4.415	4.393	4.369	4.236	4.353	4.456	4.363	1.49
92)	C	isopropylbenzene	1.519	1.455	1.456	1.436	1.405	1.301	1.142	0.887	1.325	16.05
93)		bromobenzene	8.187	7.547	7.256	7.014	6.789	6.379	5.641	4.851	6.708	15.93

Response Factor Report

Method Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Method File : TFS28_2600210.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Wed Feb 11 08:35:36 2026
Response Via : Initial Calibration

Calibration Files
0.2 =r281202.D 0.5 =r281203.D 1.0 =r281204.D 5.0 =r281205.D 10 =r281206.D 20 =r281207.D
50 =r281208.D 100 =r281209.D

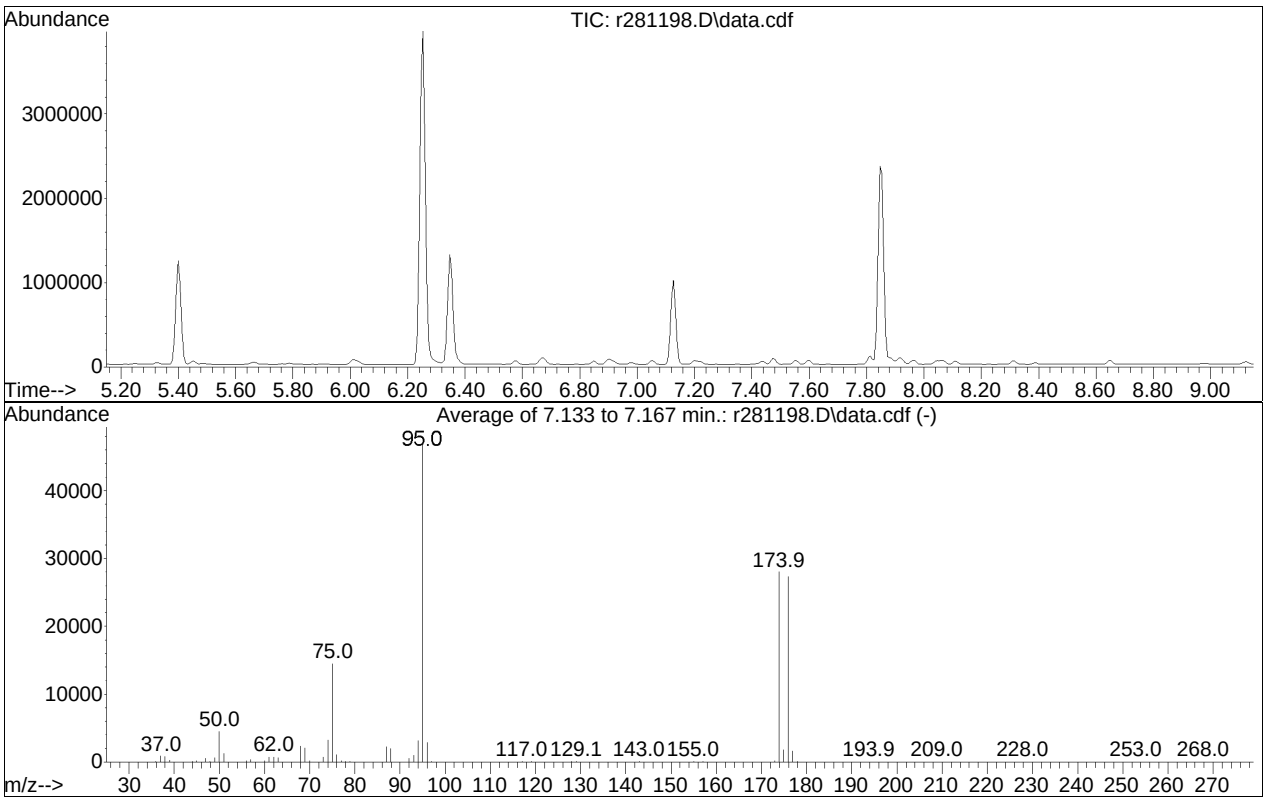
		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
94)		2-chlorotoluene	4.284	3.926	3.894	3.895	3.846	3.683	3.438	2.901	3.733	11.03
95)		n-propylbenzene	5.359	4.881	4.855	4.909	4.810	4.516	3.825	3.042	4.525	16.39
96)		4-chlorotoluene	4.169	3.984	3.936	4.040	3.914	3.653	3.141	2.592	3.679	14.74
97)		4-ethyl toluene	1.495	1.394	1.398	1.330	1.299	1.285	1.145	0.915	1.283	14.07
98)		1,3,5-trimethy...	1.258	1.207	1.213	1.189	1.162	1.113	0.972	0.780	1.112	14.37
99)		tert-butylbenzene	1.367	1.316	1.293	1.309	1.263	1.157	0.952	0.735	1.174	18.77
100)		1,2,4-trimethy...	1.285	1.228	1.212	1.202	1.136	1.068	0.859	0.630	1.078	20.77
101)		decane	9.649	9.039	9.032	9.564	9.178	8.519	7.072	5.441	8.437	17.26
102)	C	Benzyl Chloride	9.061	8.716	8.938	8.754	8.160	8.298	6.787	5.332	8.006	16.21
103)		1,3-dichlorobe...	8.657	8.141	8.071	8.178	7.946	7.603	6.187	4.712	7.437	17.76
104)	C	1,4-dichlorobe...	8.442	8.258	8.043	8.359	8.196	7.987	6.894	5.300	7.685	14.04
105)		sec-butylbenzene	1.884	1.784	1.795	1.889	1.800	1.712	1.486	1.107	1.682	15.74
106)		1,2,3-trimethy...	1.349	1.262	1.267	1.348	1.302	1.218	1.028	0.810	1.198	15.60
107)		p-isopropyltol...	1.662	1.575	1.575	1.680	1.622	1.508	1.287	0.997	1.488	15.70
108)		1,2-dichlorobe...	7.968	7.601	7.601	7.877	7.680	7.682	6.872	5.727	7.376	10.07
109)		n-butylbenzene	1.169	1.146	1.138	1.286	1.239	1.178	1.027	0.844	1.128	12.20
110)		indan	1.178	1.124	1.132	1.128	1.114	1.118	1.002	0.817	1.077	10.79
111)		indene	8.817	8.697	8.713	9.283	8.951	9.339	8.500	7.298	8.700	7.31
112)	C	1,2-dibromo-3-...	2.237	2.157	2.181	2.777	2.635	2.619	2.329	1.959	2.362	12.04
113)		undecane	0.962	0.951	0.940	1.162	1.105	1.011	0.850	0.674	0.957	15.73
114)		1,2,4,5-tetram...	4.840	4.499	4.435	6.925	6.659	5.149	5.084	4.838	5.304	17.99
115)		dodecane	0.876	0.902	0.886	1.327	1.272	1.057	0.892	0.699	0.989	21.76
116)	C	1,2,4-trichlor...	4.768	4.546	4.716	6.361	6.250	6.257	5.441	4.578	5.365	15.19
117)		naphthalene	1.586	1.568	1.585	2.085	1.978	1.878	1.653	1.138	1.684	17.62
118)		1,2,3-trichlor...	4.499	4.592	4.458	6.927	6.696	6.328	5.803	4.689	5.499	19.21
119)		benzothiophene	0.977	1.006	1.051	1.886	1.830	1.370	1.291	1.040	1.307	28.19
120)	C	hexachlorobuta...	4.059	4.087	3.852	5.407	5.030	4.837	3.873	2.918	4.258	18.68
121)		2-methylnaphth...			4.177	8.473	8.591	5.759	6.288	5.724	6.502	26.52
122)		1-methylnaphth...			0.449	1.545	1.558	0.510	0.563	0.524	0.858	62.70#

(#) = Out of Range

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281198.D
Acq On : 10 Feb 2026 6:18 AM
Operator : AIRLAB28:RAY
Sample : WG2174496-1,3,250,250
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Wed Feb 11 08:35:36 2026



Spectrum Information: Average of 7.133 to 7.167 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	9.5	4470	PASS
75	95	30	66	30.8	14499	PASS
95	95	100	100	100.0	47069	PASS
96	95	5	9	6.2	2901	PASS
173	174	0.00	2	0.5	147	PASS
174	95	50	120	59.5	28023	PASS
175	174	4	9	6.4	1796	PASS
176	174	93	101	97.6	27339	PASS
177	176	5	9	6.1	1678	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281202.D
Acq On : 10 Feb 2026 8:22 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:17:40 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.247	49	202985	10.000	ppbV	0.00
Standard Area = 212058			Recovery = 95.72%			
44) 1,4-difluorobenzene	4.167	114	786967	10.000	ppbV	0.00
Standard Area = 795728			Recovery = 98.90%			
68) chlorobenzene-D5	6.347	54	79044	10.000	ppbV	0.00
Standard Area = 84172			Recovery = 93.91%			
System Monitoring Compounds						
48) 1,2-dichloroethane-D4	3.593	65	93873	10.353	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.53%			
70) toluene-D8	5.400	98	619849	10.277	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.77%			
91) bromofluorobenzene	7.127	95	343117	9.935	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.35%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	1.750	51	45048	2.605	ppbV	99
3) chlorodifluoromethane	1.760	51	3083M6	0.216	ppbV	
4) propylene	1.770	41	3641	0.291	ppbV	91
5) propane	1.775	29	2319	0.226	ppbV #	89
6) dichlorodifluoromethane	1.785	85	3339M6	0.253	ppbV	
7) chloromethane	1.830	50	1858M6	0.225	ppbV	
8) Freon-114	1.855	85	5385	0.250	ppbV	100
9) methanol	1.865	31	5548	1.281	ppbV	90
10) vinyl chloride	1.885	62	2738	0.250	ppbV	99
11) 1,3-butadiene	1.920	54	2010	0.235	ppbV	90
12) butane	1.935	43	3572	0.244	ppbV #	77
13) acetaldehyde	1.860	29	5564M3	1.251	ppbV	
14) bromomethane	1.990	94	2051	0.259	ppbV	83
15) chloroethane	2.035	64	1267	0.211	ppbV #	86
16) ethanol	2.060	31	8533	1.413	ppbV	92
17) dichlorofluoromethane	2.060	67	4863	0.259	ppbV #	79
18) vinyl bromide	2.126	106	2374	0.256	ppbV	96
19) acrolein	2.159	56	1473	0.258	ppbV #	46
20) acetone	2.198	43	11891	1.308	ppbV #	96
21) acetonitrile	2.126	41	2445	0.260	ppbV	91
22) trichlorofluoromethane	2.243	101	2939	0.234	ppbV	100
23) isopropyl alcohol	2.264	45	11721	0.888	ppbV	99
24) acrylonitrile	2.330	53	2370	0.229	ppbV	94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281202.D
Acq On : 10 Feb 2026 8:22 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:17:40 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) pentane	2.345	43	4917	0.221	ppbV	#	80
26) ethyl ether	2.354	31	3147	0.206	ppbV		97
27) 1,1-dichloroethene	2.430	61	3265	0.255	ppbV		86
28) tertiary butyl alcohol	2.450	59	5324	0.256	ppbV	#	41
29) methylene chloride	2.470	49	2550	0.268	ppbV		83
30) 3-chloropropene	2.505	41	3213	0.253	ppbV	#	85
31) carbon disulfide	2.555	76	6954	0.240	ppbV	#	22
32) Freon 113	2.545	101	4110	0.227	ppbV	#	92
33) trans-1,2-dichloroethene	2.770	61	2804	0.240	ppbV	#	75
34) 1,1-dichloroethane	2.843	63	3828	0.232	ppbV		93
35) MTBE	2.877	73	6143	0.261	ppbV	#	63
36) vinyl acetate	2.910	43	5335M4	0.295	ppbV		
37) 2-butanone	3.017	43	7158	0.232	ppbV	#	85
38) cis-1,2-dichloroethene	3.180	61	5050	0.243	ppbV		90
39) Ethyl Acetate	3.307	61	1309M6	0.165	ppbV		
40) chloroform	3.313	83	6195	0.237	ppbV		99
41) Tetrahydrofuran	3.500	42	4333	0.256	ppbV		93
42) 2,2-dichloropropane	3.320	77	4761	0.218	ppbV	#	61
43) 1,2-dichloroethane	3.640	62	3356	0.239	ppbV		93
45) hexane	3.273	57	9648	0.317	ppbV	#	62
46) diisopropyl ether	3.293	87	5665	0.275	ppbV		93
47) tert-butyl ethyl ether	3.533	59	13218	0.225	ppbV		92
49) 1,1,1-trichloroethane	3.753	97	5148	0.211	ppbV		100
50) 1,1-dichloropropene	3.907	75	5468	0.216	ppbV		91
51) benzene	3.967	78	14993	0.234	ppbV		99
52) thiophene	4.027	84	11045	0.201	ppbV		97
53) carbon tetrachloride	4.040	117	4866	0.235	ppbV	#	95
54) cyclohexane	4.093	56	7826	0.241	ppbV	#	96
55) tert-amyl methyl ether	4.300	73	12956	0.224	ppbV	#	93
56) dibromomethane	4.367	93	3708	0.232	ppbV		89
57) 1,2-dichloropropane	4.387	63	4981	0.240	ppbV	#	96
58) bromodichloromethane	4.480	83	6188	0.234	ppbV	#	96
59) 1,4-dioxane	4.533	88	3578	0.273	ppbV		95
60) trichloroethene	4.500	130	6754	0.250	ppbV		96
61) 2,2,4-trimethylpentane	4.527	57	23546	0.245	ppbV		95
62) methyl methacrylate	4.653	41	5392	0.248	ppbV		93
63) heptane	4.680	43	7263	0.240	ppbV		96
64) cis-1,3-dichloropropene	4.960	75	6770	0.237	ppbV		94
65) 4-methyl-2-pentanone	5.027	43	8315	0.236	ppbV		95
66) trans-1,3-dichloropropene	5.247	75	4439	0.226	ppbV	#	87

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281202.D
Acq On : 10 Feb 2026 8:22 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:17:40 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) 1,1,2-trichloroethane	5.327	97	5157	0.225	ppbV		97
69) toluene	5.453	91	17336	0.244	ppbV		99
71) 2-methylthiophene	5.480	97	14130	0.197	ppbV		95
72) 1,3-dichloropropane	5.487	76	7435	0.231	ppbV		89
73) 2-hexanone	5.660	43	7810	0.240	ppbV	#	92
74) 3-methylthiophene	5.580	97	14960	0.202	ppbV		97
75) dibromochloromethane	5.667	129	6750	0.250	ppbV		100
76) 1,2-dibromoethane	5.787	107	7506	0.236	ppbV		98
77) butyl acetate	6.007	73	2371M3	0.223	ppbV		
78) octane	6.013	85	7141	0.236	ppbV	#	37
79) tetrachloroethene	6.027	166	7150	0.236	ppbV		95
80) 1,1,1,2-tetrachloroethane	6.373	131	6394	0.258	ppbV		96
81) chlorobenzene	6.367	112	14834	0.236	ppbV		97
82) ethylbenzene	6.573	91	20541	0.234	ppbV		99
83) 2-ethylthiophene	6.593	97	15634	0.194	ppbV		100
84) m+p-xylene	6.667	91	34289	0.491	ppbV		96
85) bromoform	6.680	173	5741	0.244	ppbV		98
86) styrene	6.847	104	15080	0.227	ppbV		98
87) 1,1,2,2-tetrachloroethane	6.913	83	10787	0.231	ppbV		98
88) o-xylene	6.900	91	16835	0.240	ppbV		99
89) 1,2,3-trichloropropane	6.980	75	8035	0.216	ppbV	#	97
90) nonane	7.053	43	10052	0.221	ppbV		98
92) isopropylbenzene	7.200	105	24008	0.216	ppbV		99
93) bromobenzene	7.220	77	12943m	0.241	ppbV		
94) 2-chlorotoluene	7.440	126	6772	0.223	ppbV		97
95) n-propylbenzene	7.473	120	8472	0.223	ppbV		99
96) 4-chlorotoluene	7.480	126	6591	0.213	ppbV		78
97) 4-ethyl toluene	7.553	105	23641	0.230	ppbV		98
98) 1,3,5-trimethylbenzene	7.600	105	19880	0.216	ppbV		99
99) tert-butylbenzene	7.813	119	21615	0.217	ppbV		100
100) 1,2,4-trimethylbenzene	7.813	105	20318	0.226	ppbV	#	90
101) decane	7.913	57	15254	0.210	ppbV		99
102) Benzyl Chloride	7.887	91	14325	0.222	ppbV		99
103) 1,3-dichlorobenzene	7.880	146	13686	0.218	ppbV		100
104) 1,4-dichlorobenzene	7.920	146	13345	0.206	ppbV		97
105) sec-butylbenzene	7.967	105	29791	0.209	ppbV		99
106) 1,2,3-trimethylbenzene	8.047	105	21322	0.207	ppbV		97
107) p-isopropyltoluene	8.067	119	26280	0.205	ppbV		98
108) 1,2-dichlorobenzene	8.107	146	12596	0.207	ppbV		97
109) n-butylbenzene	8.313	91	18477	0.189	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281202.D
Acq On : 10 Feb 2026 8:22 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:17:40 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

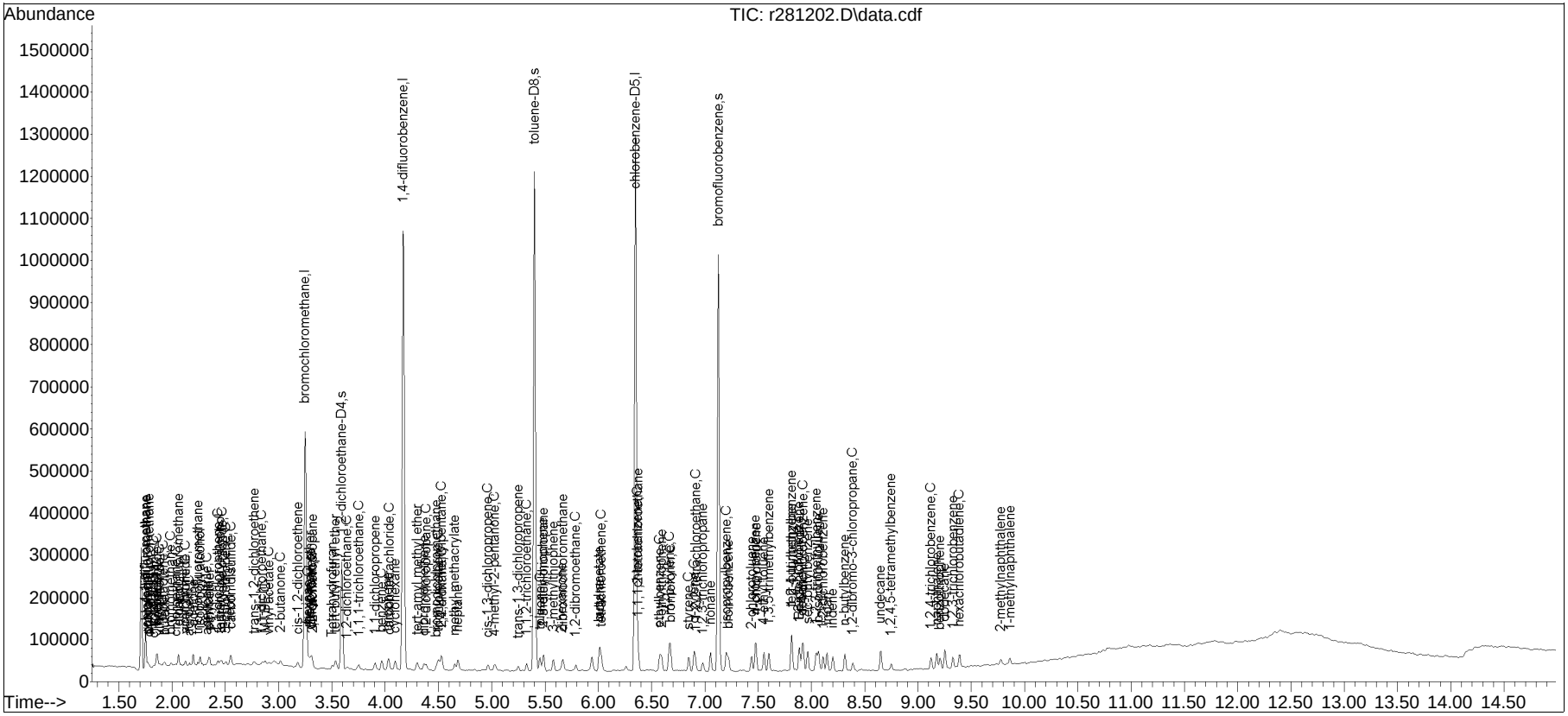
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indan	8.147	117	18623	0.211	ppbV		98
111) indene	8.200	115	13938	0.197	ppbV		99
112) 1,2-dibromo-3-chloropr...	8.387	75	3536	0.170	ppbV		92
113) undecane	8.647	57	15204	0.174	ppbV		98
114) 1,2,4,5-tetramethylben...	8.747	119	7651	0.145	ppbV	#	93
115) dodecane	9.250	57	13851	0.138	ppbV		95
116) 1,2,4-trichlorobenzene	9.123	180	7538	0.153	ppbV	#	95
117) naphthalene	9.175	128	25065	0.160	ppbV		99
118) 1,2,3-trichlorobenzene	9.325	180	7112	0.134	ppbV		96
119) benzothiophene	9.205	134	15449	0.107	ppbV		98
120) hexachlorobutadiene	9.385	225	6417	0.161	ppbV		97
121) 2-methylnaphthalene	9.775	142	5468	0.081	ppbV		99
122) 1-methylnaphthalene	9.865	142	6043	0.049	ppbV		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\0210T_I\r281206.D

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281202.D
Acq On : 10 Feb 2026 8:22 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

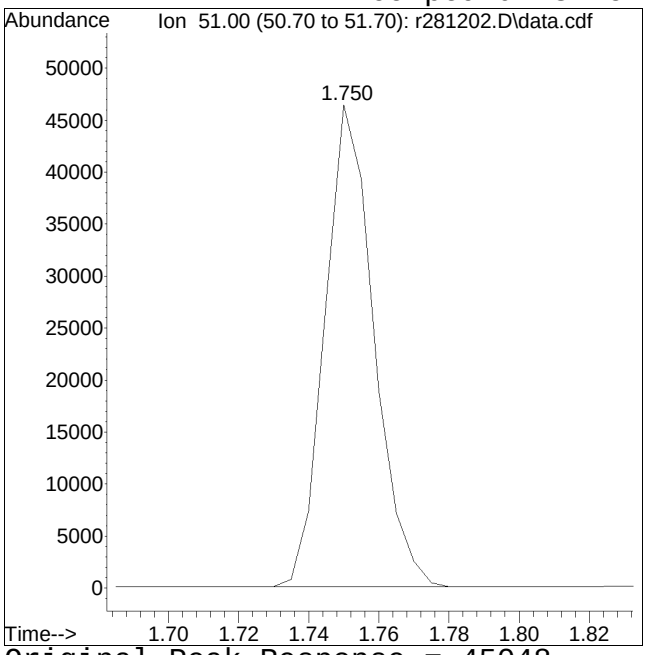
Quant Time: Feb 10 14:17:40 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration



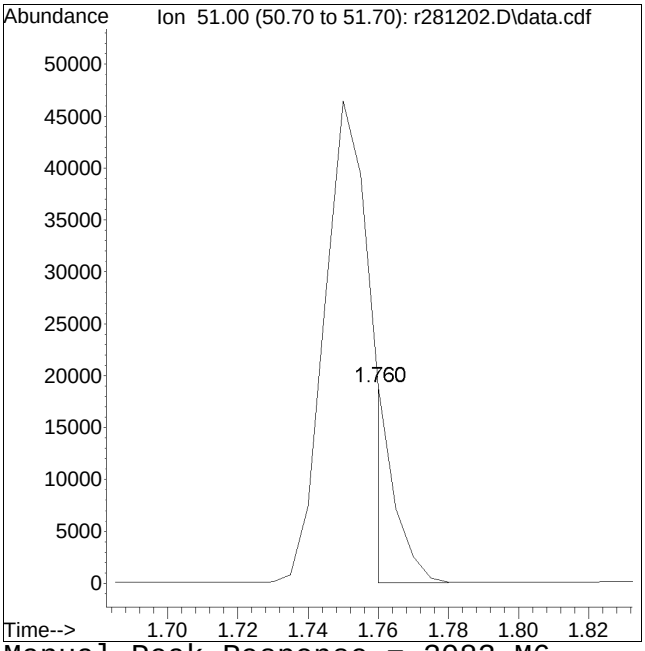
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281202.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 8:22 AM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 2/10/2026 2:17 pm

Compound #3: chlorodifluoromethane



Original Peak Response = 45048



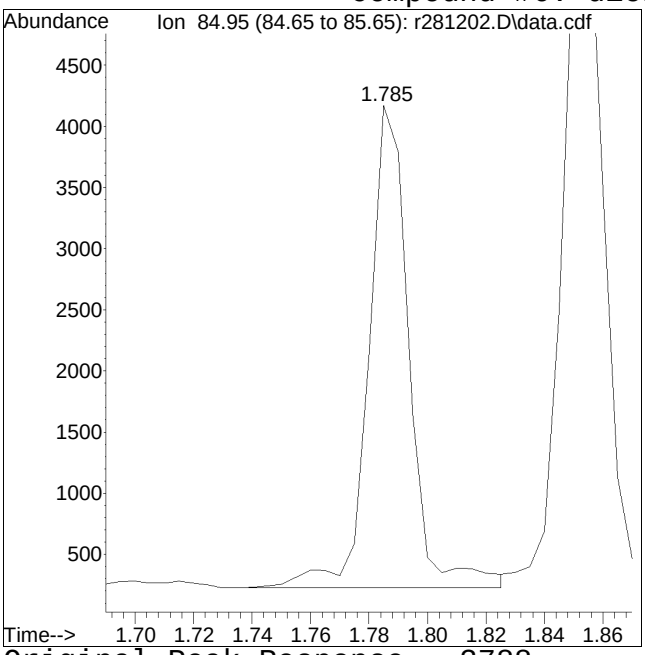
Manual Peak Response = 3083 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

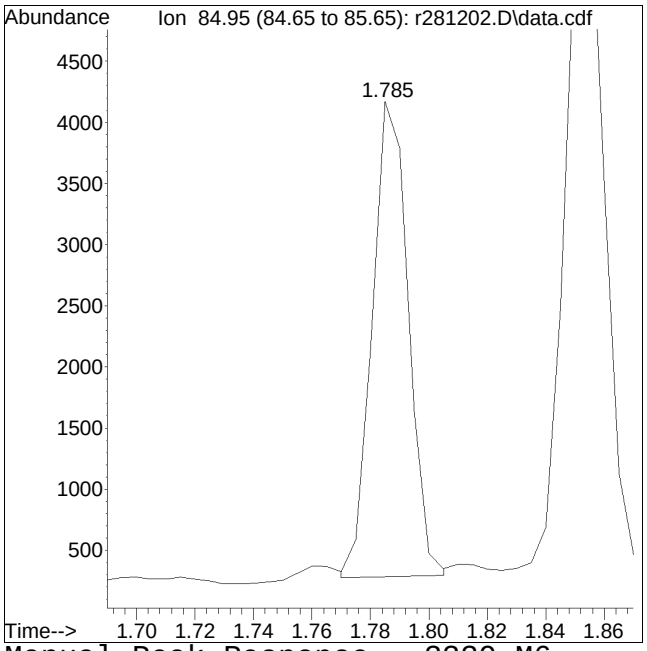
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281202.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 8:22 AM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 2/10/2026 2:17 pm

Compound #6: dichlorodifluoromethane



Original Peak Response = 3788



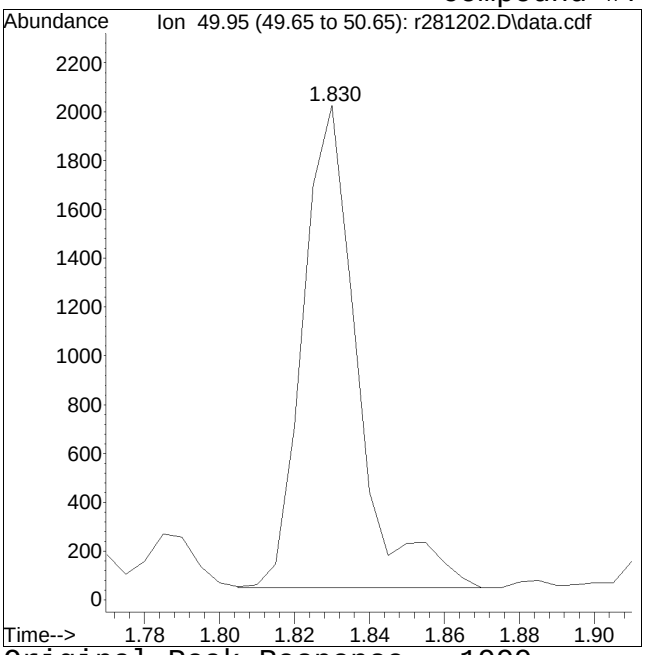
Manual Peak Response = 3339 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

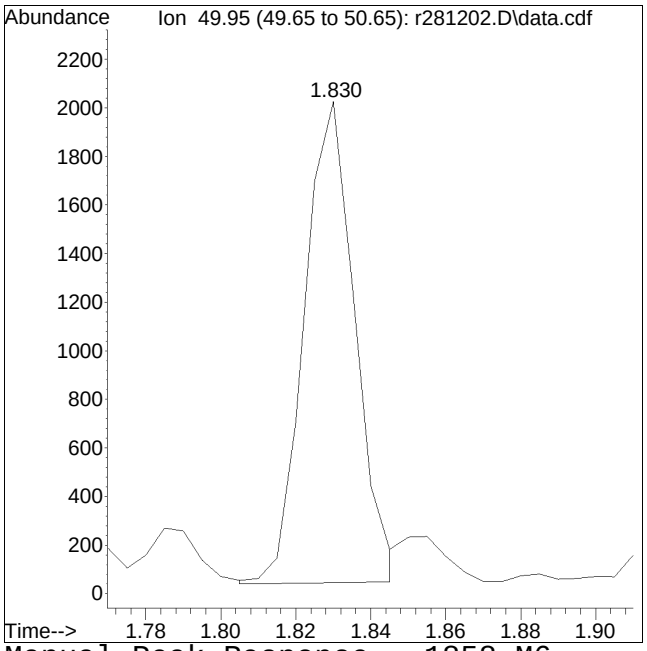
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281202.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 8:22 AM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 2/10/2026 2:17 pm

Compound #7: chloromethane



Original Peak Response = 1999



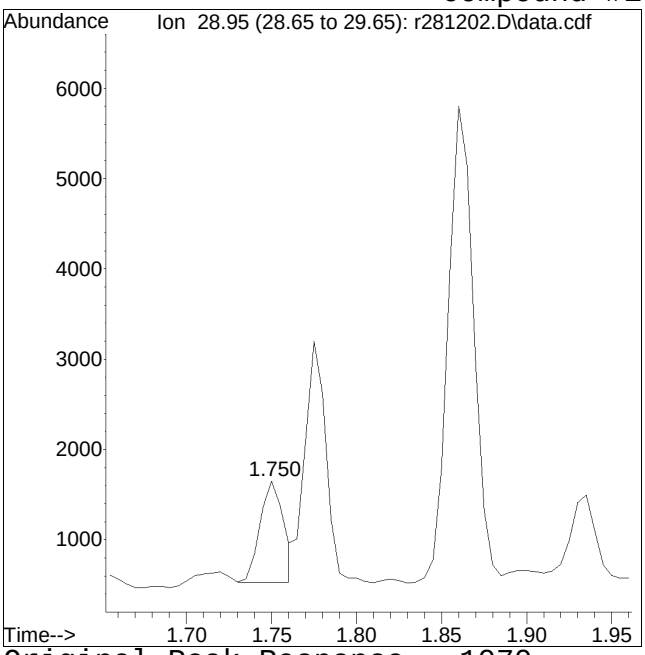
Manual Peak Response = 1858 M6

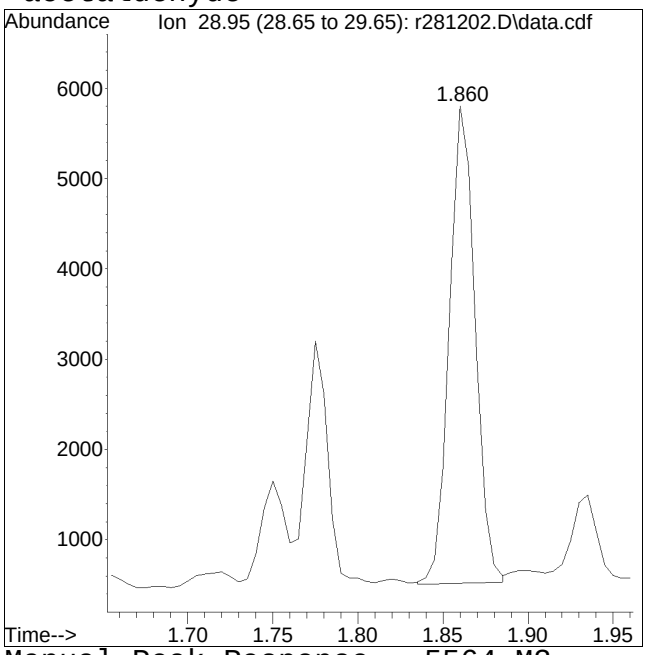
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281202.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 8:22 AM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 2/10/2026 2:17 pm

Compound #13: acetaldehyde





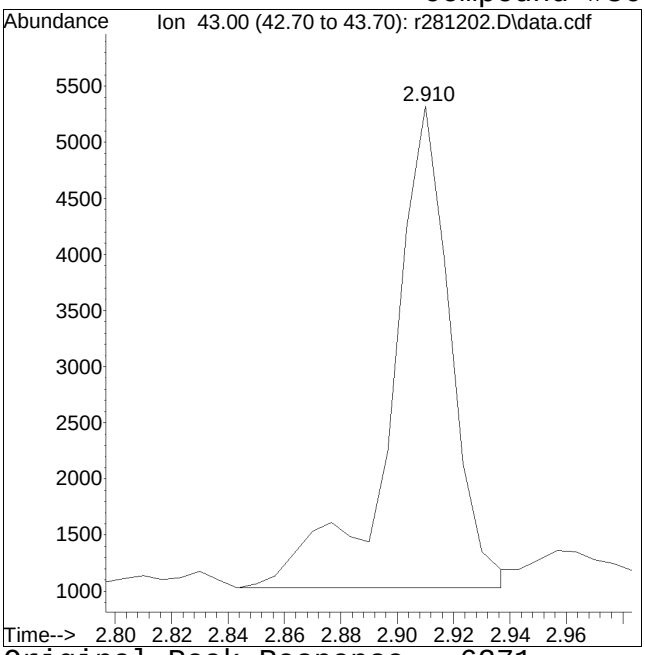
Original Peak Response = 1070 Manual Peak Response = 5564 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

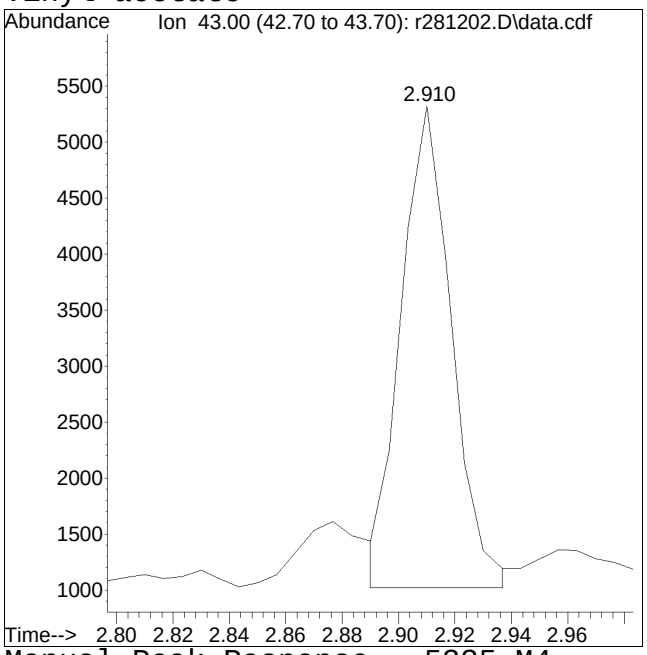
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281202.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 8:22 AM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 2/10/2026 2:17 pm

Compound #36: vinyl acetate



Original Peak Response = 6271



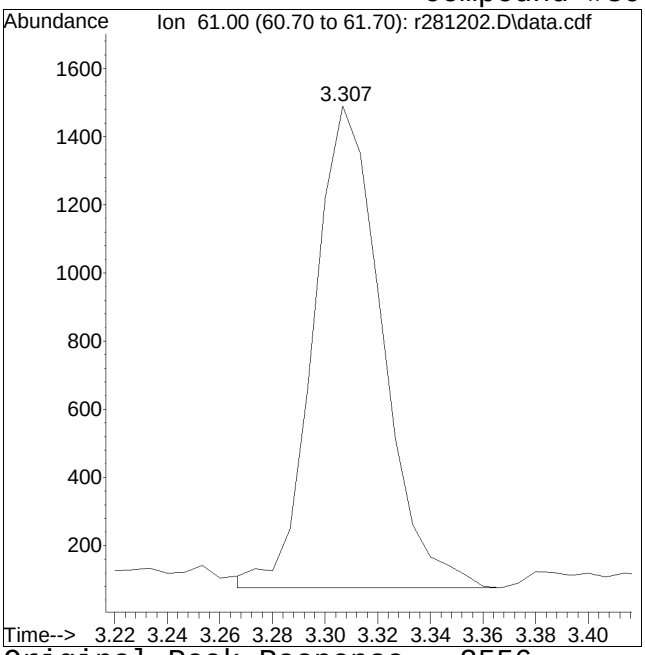
Manual Peak Response = 5335 M4

M4 = Poor automated baseline construction.

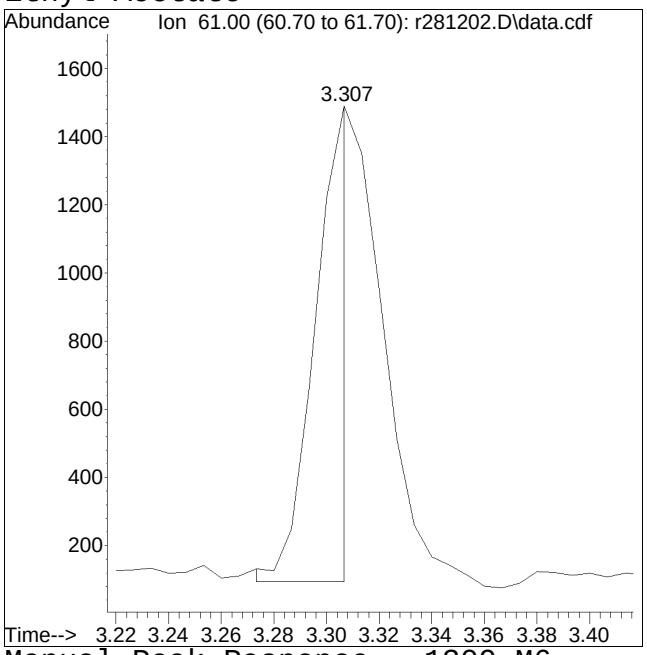
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281202.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 8:22 AM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 2/10/2026 2:17 pm

Compound #39: Ethyl Acetate



Original Peak Response = 2556



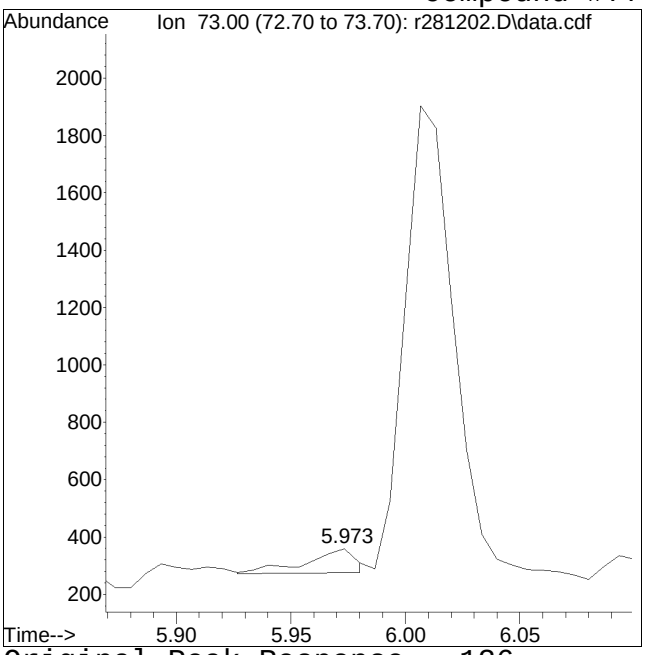
Manual Peak Response = 1309 M6

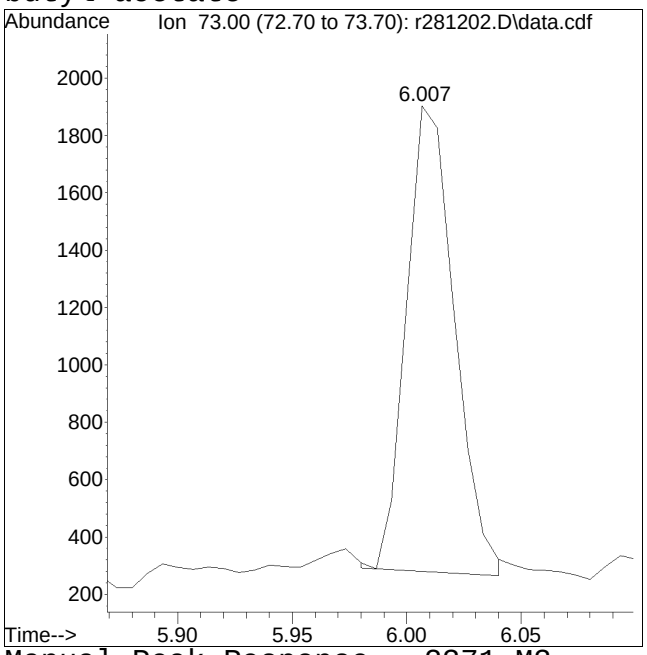
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281202.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 8:22 AM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 2/10/2026 2:17 pm

Compound #77: butyl acetate





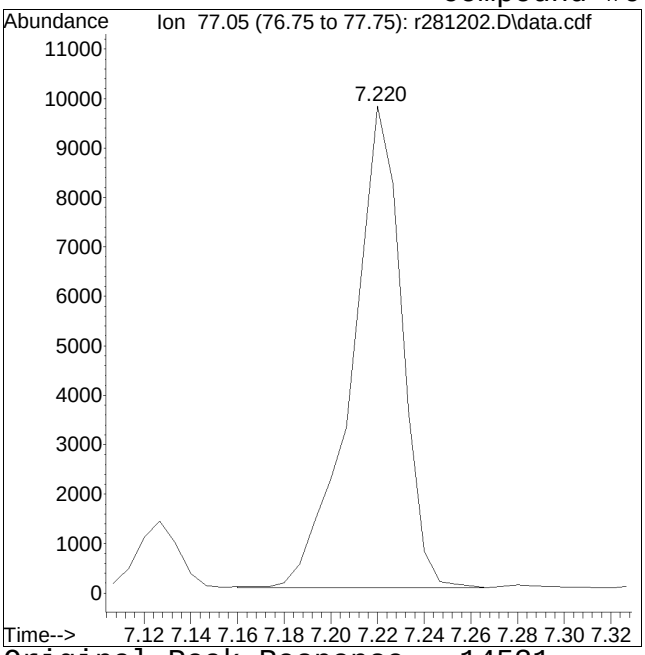
Original Peak Response = 126 Manual Peak Response = 2371 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

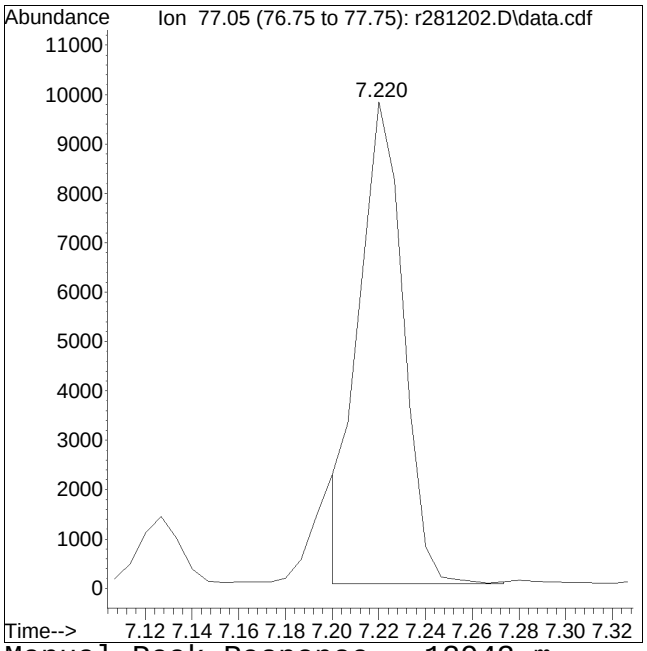
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281202.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 8:22 AM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 2/10/2026 2:17 pm

Compound #93: bromobenzene



Original Peak Response = 14531



Manual Peak Response = 12943 m

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281203.D
Acq On : 10 Feb 2026 8:56 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:17:57 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.253	49	202020	10.000	ppbV	0.00
Standard Area = 212058			Recovery = 95.27%			
44) 1,4-difluorobenzene	4.167	114	783816	10.000	ppbV	0.00
Standard Area = 795728			Recovery = 98.50%			
68) chlorobenzene-D5	6.347	54	79725	10.000	ppbV	0.00
Standard Area = 84172			Recovery = 94.72%			
System Monitoring Compounds						
48) 1,2-dichloroethane-D4	3.593	65	88116	9.757	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.57%			
70) toluene-D8	5.400	98	628239	10.327	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.27%			
91) bromofluorobenzene	7.127	95	346217	9.939	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.39%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	1.750	51	108384	6.296	ppbV	98
3) chlorodifluoromethane	1.760	51	7671M6	0.539	ppbV	
4) propylene	1.770	41	7931	0.637	ppbV	98
5) propane	1.775	29	5374	0.527	ppbV #	92
6) dichlorodifluoromethane	1.785	85	8920	0.680	ppbV	99
7) chloromethane	1.830	50	4499M6	0.548	ppbV	
8) Freon-114	1.855	85	12481	0.581	ppbV	98
9) methanol	1.865	31	13166	3.055	ppbV	96
10) vinyl chloride	1.885	62	6254	0.575	ppbV	98
11) 1,3-butadiene	1.920	54	5145	0.605	ppbV	100
12) butane	1.935	43	8132	0.558	ppbV #	91
13) acetaldehyde	1.860	29	13165	2.973	ppbV	91
14) bromomethane	1.990	94	4709	0.597	ppbV	98
15) chloroethane	2.035	64	3628	0.607	ppbV	100
16) ethanol	2.060	31	19807	3.296	ppbV	96
17) dichlorofluoromethane	2.060	67	10150	0.543	ppbV #	88
18) vinyl bromide	2.126	106	5668	0.613	ppbV	97
19) acrolein	2.159	56	3052	0.537	ppbV #	73
20) acetone	2.198	43	28135	3.108	ppbV #	99
21) acetonitrile	2.123	41	5598	0.599	ppbV	91
22) trichlorofluoromethane	2.243	101	7053	0.564	ppbV	99
23) isopropyl alcohol	2.261	45	27053	2.059	ppbV	99
24) acrylonitrile	2.330	53	5572	0.540	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281203.D
Acq On : 10 Feb 2026 8:56 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:17:57 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) pentane	2.345	43	10737	0.484	ppbV #	94
26) ethyl ether	2.354	31	6967	0.457	ppbV	94
27) 1,1-dichloroethene	2.430	61	7020	0.551	ppbV	97
28) tertiary butyl alcohol	2.450	59	12137	0.586	ppbV #	73
29) methylene chloride	2.470	49	5510	0.581	ppbV	85
30) 3-chloropropene	2.505	41	7302	0.579	ppbV	95
31) carbon disulfide	2.555	76	16679	0.579	ppbV #	69
32) Freon 113	2.545	101	9882	0.549	ppbV	94
33) trans-1,2-dichloroethene	2.770	61	6677	0.574	ppbV	90
34) 1,1-dichloroethane	2.843	63	8886	0.542	ppbV	94
35) MTBE	2.870	73	13253	0.565	ppbV #	83
36) vinyl acetate	2.910	43	10531	0.585	ppbV	99
37) 2-butanone	3.010	43	19637	0.640	ppbV #	94
38) cis-1,2-dichloroethene	3.180	61	12398	0.599	ppbV	97
39) Ethyl Acetate	3.307	61	3466M6	0.439	ppbV	
40) chloroform	3.313	83	15380	0.590	ppbV	98
41) Tetrahydrofuran	3.500	42	10142	0.601	ppbV	97
42) 2,2-dichloropropane	3.320	77	12168	0.560	ppbV #	88
43) 1,2-dichloroethane	3.640	62	8121	0.580	ppbV	99
45) hexane	3.273	57	22200	0.733	ppbV #	64
46) diisopropyl ether	3.287	87	12879	0.627	ppbV	96
47) tert-butyl ethyl ether	3.533	59	32078	0.548	ppbV	96
49) 1,1,1-trichloroethane	3.753	97	11933	0.491	ppbV	99
50) 1,1-dichloropropene	3.907	75	13689	0.542	ppbV	99
51) benzene	3.967	78	35688	0.559	ppbV	99
52) thiophene	4.027	84	25704	0.470	ppbV	99
53) carbon tetrachloride	4.040	117	11505	0.559	ppbV	98
54) cyclohexane	4.093	56	18446	0.571	ppbV	97
55) tert-amyl methyl ether	4.293	73	30240	0.526	ppbV	97
56) dibromomethane	4.367	93	8516	0.535	ppbV	94
57) 1,2-dichloropropane	4.387	63	11299	0.546	ppbV	98
58) bromodichloromethane	4.480	83	14093	0.534	ppbV	98
59) 1,4-dioxane	4.533	88	7993	0.613	ppbV	99
60) trichloroethene	4.500	130	16132	0.600	ppbV	99
61) 2,2,4-trimethylpentane	4.527	57	55382	0.578	ppbV	98
62) methyl methacrylate	4.653	41	11771	0.543	ppbV	97
63) heptane	4.680	43	17136	0.568	ppbV	98
64) cis-1,3-dichloropropene	4.960	75	15642	0.550	ppbV	98
65) 4-methyl-2-pentanone	5.020	43	19474	0.555	ppbV	98
66) trans-1,3-dichloropropene	5.247	75	10593	0.541	ppbV	98

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281203.D
Acq On : 10 Feb 2026 8:56 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:17:57 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) 1,1,2-trichloroethane	5.327	97	12624	0.554	ppbV		99
69) toluene	5.453	91	40678	0.567	ppbV		98
71) 2-methylthiophene	5.480	97	34507	0.478	ppbV		98
72) 1,3-dichloropropane	5.487	76	17990	0.555	ppbV		94
73) 2-hexanone	5.653	43	18669	0.569	ppbV		97
74) 3-methylthiophene	5.573	97	35457	0.475	ppbV		98
75) dibromochloromethane	5.667	129	15898	0.583	ppbV		99
76) 1,2-dibromoethane	5.787	107	18038	0.563	ppbV		97
77) butyl acetate	6.000	73	6013	0.561	ppbV	#	42
78) octane	6.007	85	16975	0.557	ppbV	#	42
79) tetrachloroethene	6.027	166	17361	0.569	ppbV		98
80) 1,1,1,2-tetrachloroethane	6.373	131	13931	0.558	ppbV		96
81) chlorobenzene	6.367	112	36088	0.570	ppbV		99
82) ethylbenzene	6.573	91	48604	0.550	ppbV		99
83) 2-ethylthiophene	6.593	97	37136	0.458	ppbV		97
84) m+p-xylene	6.667	91	81759	1.160	ppbV		97
85) bromoform	6.680	173	13489	0.568	ppbV		99
86) styrene	6.847	104	36603	0.546	ppbV		99
87) 1,1,2,2-tetrachloroethane	6.907	83	24932	0.528	ppbV		97
88) o-xylene	6.893	91	40671	0.574	ppbV		97
89) 1,2,3-trichloropropane	6.980	75	19488	0.519	ppbV		97
90) nonane	7.053	43	24038	0.524	ppbV		98
92) isopropylbenzene	7.200	105	57995	0.518	ppbV		100
93) bromobenzene	7.220	77	30085M6	0.556	ppbV		
94) 2-chlorotoluene	7.433	126	15649	0.510	ppbV		95
95) n-propylbenzene	7.473	120	19458	0.507	ppbV		70
96) 4-chlorotoluene	7.480	126	15883	0.509	ppbV		97
97) 4-ethyl toluene	7.553	105	55574	0.536	ppbV		100
98) 1,3,5-trimethylbenzene	7.600	105	48112	0.519	ppbV		98
99) tert-butylbenzene	7.807	119	52446	0.521	ppbV		99
100) 1,2,4-trimethylbenzene	7.813	105	48949	0.540	ppbV		95
101) decane	7.907	57	36033	0.492	ppbV		99
102) Benzyl Chloride	7.887	91	34744	0.534	ppbV		100
103) 1,3-dichlorobenzene	7.880	146	32452	0.512	ppbV		98
104) 1,4-dichlorobenzene	7.920	146	32919	0.504	ppbV		98
105) sec-butylbenzene	7.960	105	71097	0.496	ppbV		99
106) 1,2,3-trimethylbenzene	8.040	105	50302	0.485	ppbV		98
107) p-isopropyltoluene	8.060	119	62802	0.486	ppbV		100
108) 1,2-dichlorobenzene	8.107	146	30298	0.495	ppbV		99
109) n-butylbenzene	8.307	91	45664	0.462	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281203.D
Acq On : 10 Feb 2026 8:56 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:17:57 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

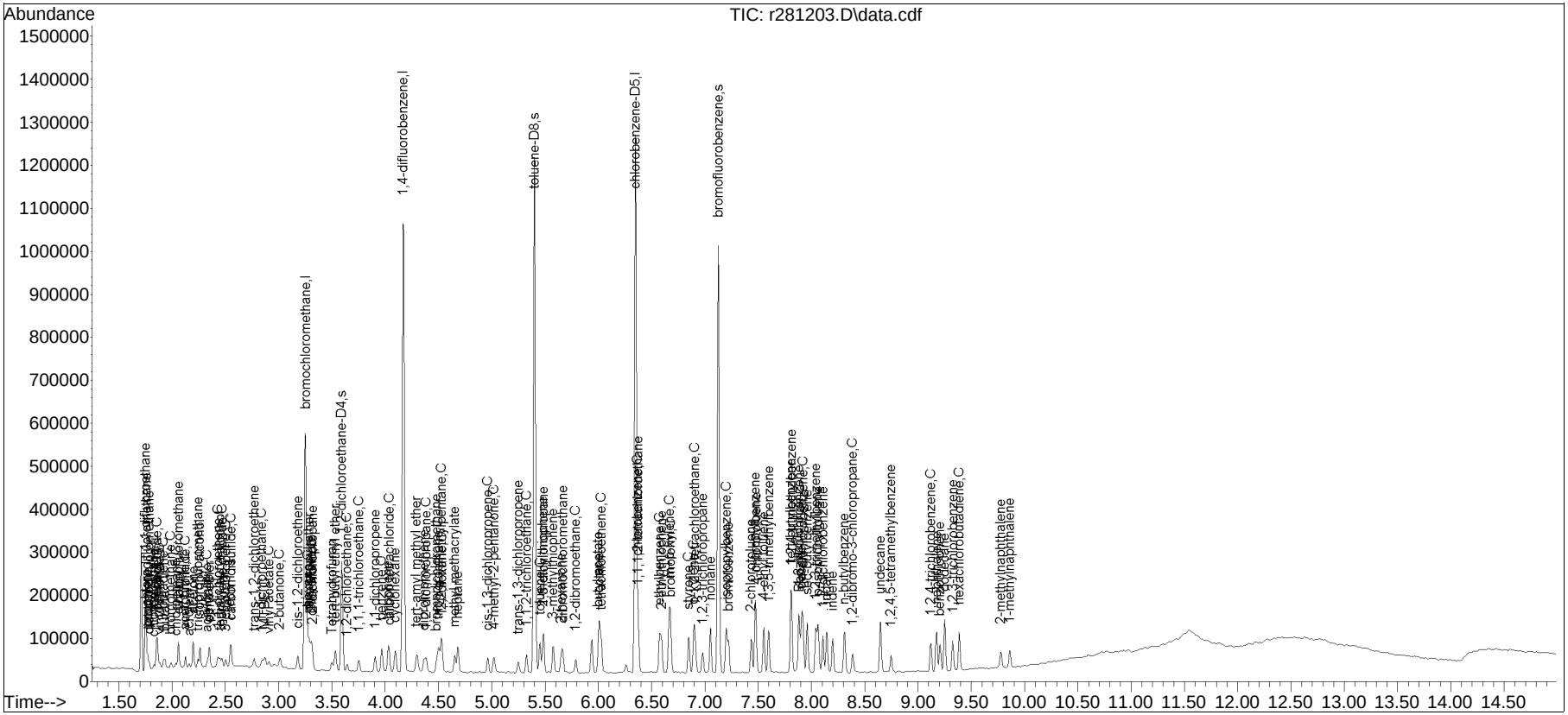
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indan	8.140	117	44786	0.504	ppbV	99
111) indene	8.200	115	34668	0.486	ppbV	98
112) 1,2-dibromo-3-chloropr...	8.387	75	8600	0.409	ppbV	95
113) undecane	8.647	57	37896	0.430	ppbV	99
114) 1,2,4,5-tetramethylben...	8.747	119	17934	0.338	ppbV	98
115) dodecane	9.250	57	35974	0.355	ppbV	100
116) 1,2,4-trichlorobenzene	9.123	180	18120	0.364	ppbV	95
117) naphthalene	9.175	128	62523	0.396	ppbV	99
118) 1,2,3-trichlorobenzene	9.325	180	18306	0.343	ppbV	100
119) benzothiophene	9.205	134	40107	0.275	ppbV	99
120) hexachlorobutadiene	9.385	225	16292	0.406	ppbV	98
121) 2-methylnaphthalene	9.775	142	15382	0.225	ppbV	97
122) 1-methylnaphthalene	9.857	142	17382	0.140	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\0210T_I\r281206.D

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281203.D
Acq On : 10 Feb 2026 8:56 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

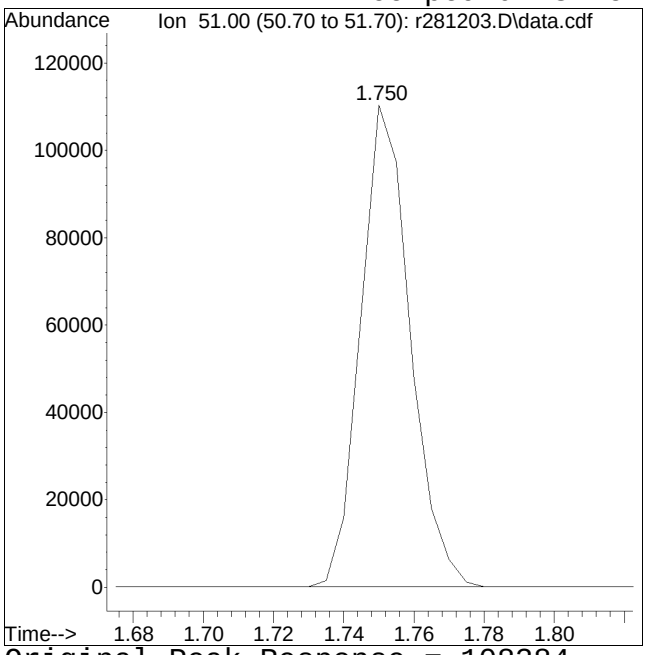
Quant Time: Feb 10 14:17:57 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration



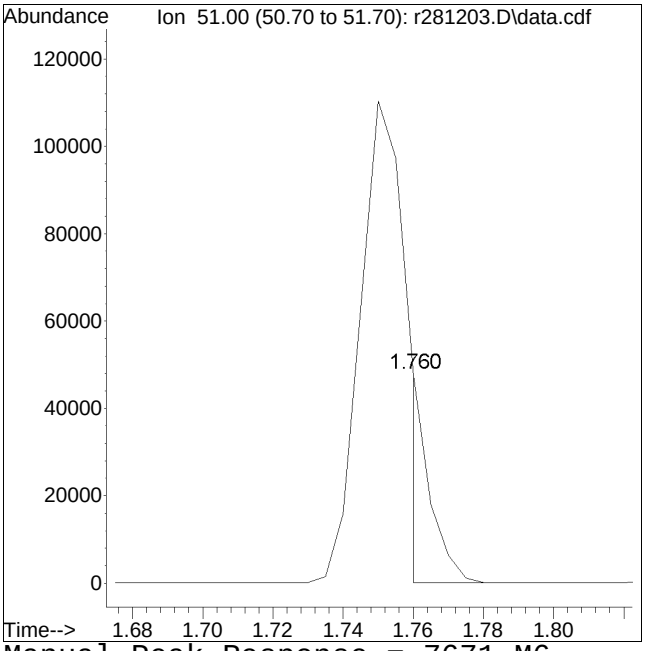
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281203.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 8:56 AM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 2/10/2026 2:17 pm

Compound #3: chlorodifluoromethane



Original Peak Response = 108384



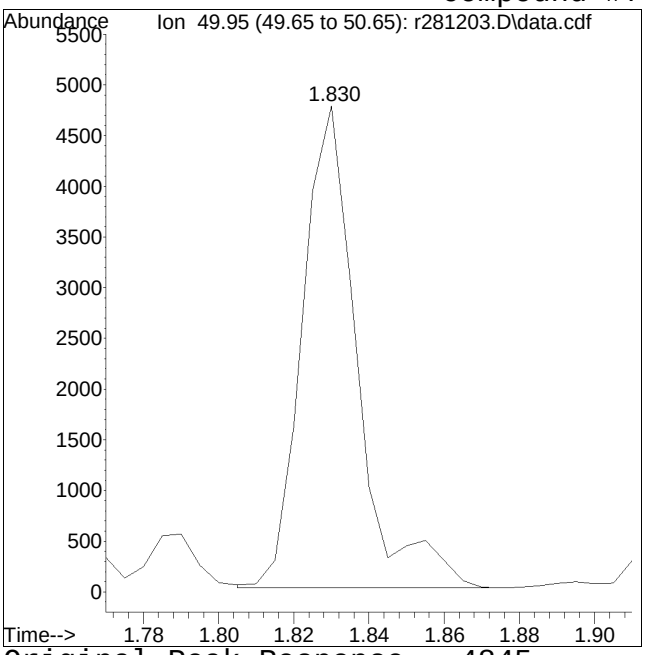
Manual Peak Response = 7671 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

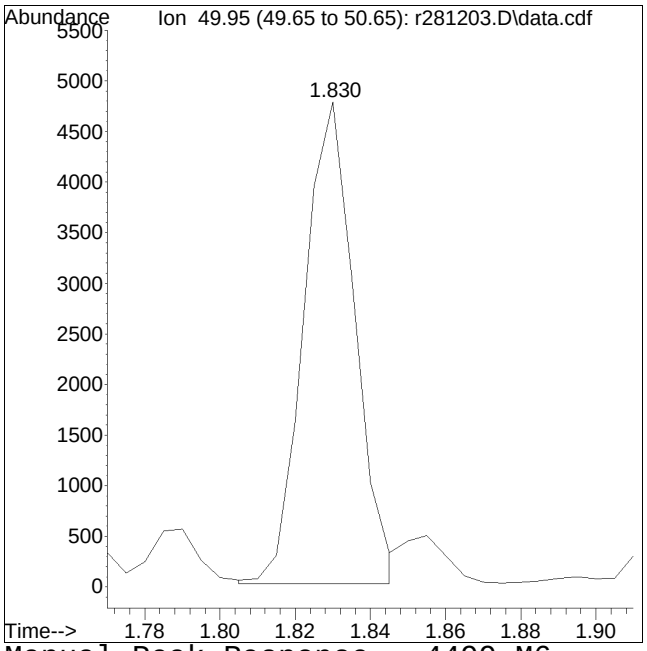
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281203.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 8:56 AM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 2/10/2026 2:17 pm

Compound #7: chloromethane



Original Peak Response = 4845



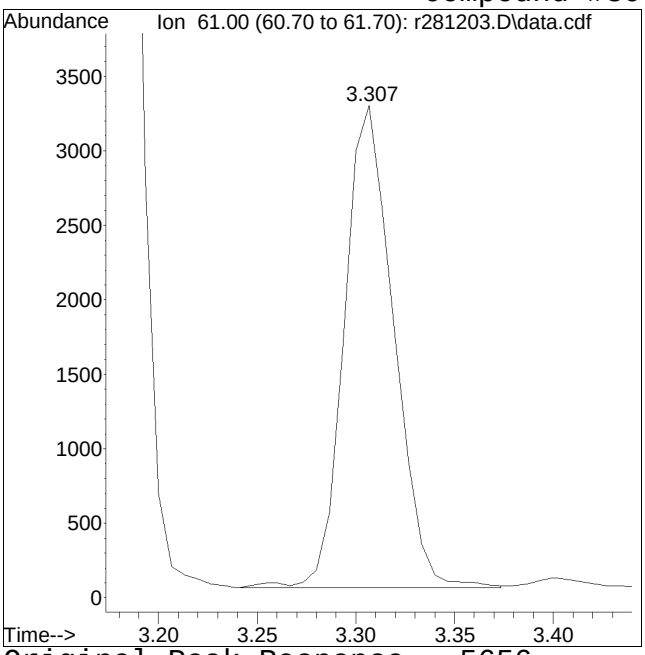
Manual Peak Response = 4499 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

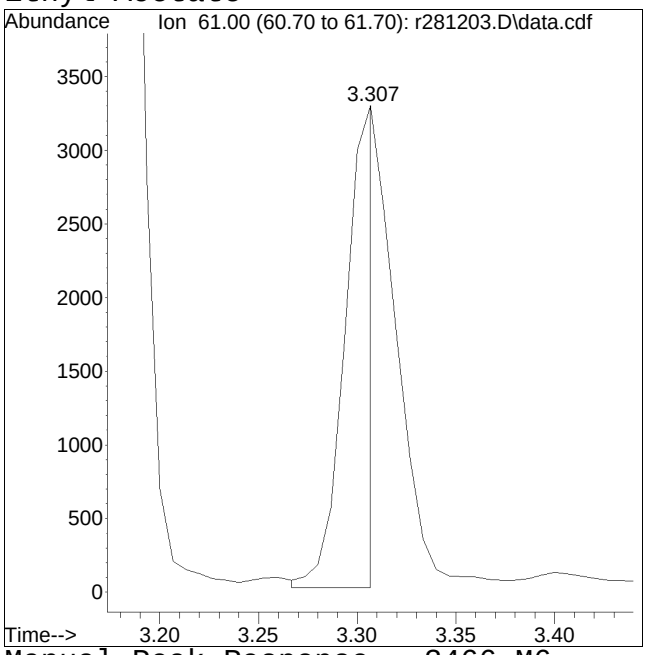
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281203.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 8:56 AM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 2/10/2026 2:17 pm

Compound #39: Ethyl Acetate



Original Peak Response = 5656



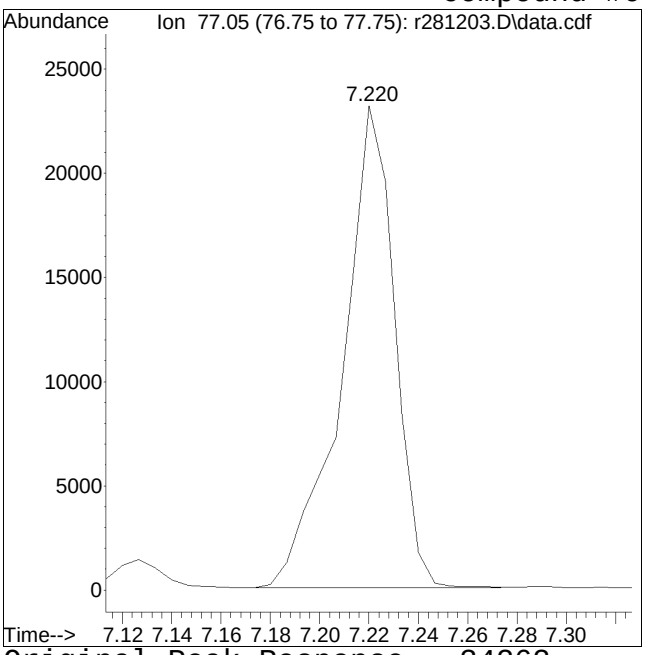
Manual Peak Response = 3466 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

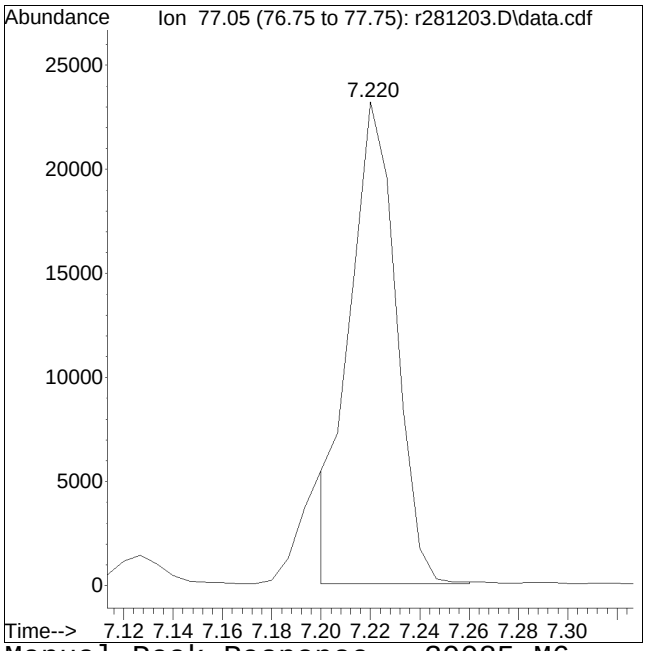
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281203.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 8:56 AM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 2/10/2026 2:17 pm

Compound #93: bromobenzene



Original Peak Response = 34262



Manual Peak Response = 30085 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281204.D
Acq On : 10 Feb 2026 9:31 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:18:15 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.253	49	202917	10.000	ppbV	0.00
Standard Area = 212058			Recovery = 95.69%			
44) 1,4-difluorobenzene	4.167	114	776999	10.000	ppbV	0.00
Standard Area = 795728			Recovery = 97.65%			
68) chlorobenzene-D5	6.347	54	78662	10.000	ppbV	0.00
Standard Area = 84172			Recovery = 93.45%			
System Monitoring Compounds						
48) 1,2-dichloroethane-D4	3.593	65	89584	10.006	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.06%			
70) toluene-D8	5.400	98	628768	10.475	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.75%			
91) bromofluorobenzene	7.127	95	347332	10.106	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.06%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	1.750	51	211984	12.260	ppbV	98
3) chlorodifluoromethane	1.760	51	15579M6	1.090	ppbV	
4) propylene	1.770	41	15041	1.202	ppbV	99
5) propane	1.775	29	11018	1.076	ppbV	98
6) dichlorodifluoromethane	1.785	85	15724	1.193	ppbV	100
7) chloromethane	1.830	50	8517M6	1.032	ppbV	
8) Freon-114	1.855	85	24619	1.141	ppbV	99
9) methanol	1.865	31	23946	5.532	ppbV	93
10) vinyl chloride	1.885	62	12210	1.117	ppbV	100
11) 1,3-butadiene	1.920	54	9781	1.145	ppbV	99
12) butane	1.935	43	16293	1.114	ppbV	96
13) acetaldehyde	1.860	29	26003	5.847	ppbV	93
14) bromomethane	1.990	94	8978	1.132	ppbV	100
15) chloroethane	2.035	64	5964	0.993	ppbV	99
16) ethanol	2.060	31	35487	5.880	ppbV	99
17) dichlorofluoromethane	2.060	67	20161	1.074	ppbV	97
18) vinyl bromide	2.126	106	10587	1.140	ppbV	98
19) acrolein	2.159	56	6300	1.103	ppbV	93
20) acetone	2.198	43	54985	6.048	ppbV #	99
21) acetonitrile	2.123	41	10439	1.111	ppbV	95
22) trichlorofluoromethane	2.243	101	14346	1.143	ppbV	98
23) isopropyl alcohol	2.261	45	48292	3.660	ppbV	99
24) acrylonitrile	2.330	53	11067	1.069	ppbV	99

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281204.D
Acq On : 10 Feb 2026 9:31 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:18:15 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) pentane	2.345	43	21605	0.970	ppbV		96
26) ethyl ether	2.354	31	14359	0.938	ppbV		99
27) 1,1-dichloroethene	2.430	61	13966	1.092	ppbV		97
28) tertiary butyl alcohol	2.445	59	22570	1.086	ppbV	#	90
29) methylene chloride	2.470	49	10368	1.088	ppbV		94
30) 3-chloropropene	2.505	41	14361	1.133	ppbV		98
31) carbon disulfide	2.555	76	33120	1.145	ppbV	#	85
32) Freon 113	2.550	101	20373	1.127	ppbV		96
33) trans-1,2-dichloroethene	2.770	61	13279	1.136	ppbV		96
34) 1,1-dichloroethane	2.843	63	17966	1.091	ppbV		100
35) MTBE	2.870	73	26680	1.132	ppbV	#	93
36) vinyl acetate	2.910	43	14513	0.803	ppbV		98
37) 2-butanone	3.010	43	33026	1.072	ppbV	#	97
38) cis-1,2-dichloroethene	3.180	61	23585	1.134	ppbV		100
39) Ethyl Acetate	3.307	61	6671M6	0.842	ppbV		
40) chloroform	3.313	83	29496	1.127	ppbV		97
41) Tetrahydrofuran	3.493	42	19272	1.137	ppbV		97
42) 2,2-dichloropropane	3.313	77	23508	1.076	ppbV		94
43) 1,2-dichloroethane	3.640	62	16113	1.146	ppbV		99
45) hexane	3.273	57	43772	1.458	ppbV	#	68
46) diisopropyl ether	3.287	87	24886	1.223	ppbV		99
47) tert-butyl ethyl ether	3.527	59	61952	1.068	ppbV		99
49) 1,1,1-trichloroethane	3.753	97	24361	1.010	ppbV		99
50) 1,1-dichloropropene	3.907	75	26004	1.039	ppbV		96
51) benzene	3.967	78	69121	1.093	ppbV		99
52) thiophene	4.027	84	48607	0.898	ppbV		99
53) carbon tetrachloride	4.040	117	22962	1.125	ppbV		99
54) cyclohexane	4.093	56	35750	1.115	ppbV		98
55) tert-amyl methyl ether	4.293	73	60481	1.061	ppbV		98
56) dibromomethane	4.367	93	16895	1.071	ppbV		93
57) 1,2-dichloropropane	4.380	63	21908	1.067	ppbV		96
58) bromodichloromethane	4.480	83	28934	1.107	ppbV		99
59) 1,4-dioxane	4.527	88	14113	1.092	ppbV		92
60) trichloroethene	4.500	130	31150	1.168	ppbV		99
61) 2,2,4-trimethylpentane	4.527	57	109478	1.153	ppbV		98
62) methyl methacrylate	4.653	41	23772	1.105	ppbV		99
63) heptane	4.680	43	33621	1.124	ppbV		97
64) cis-1,3-dichloropropene	4.960	75	30144	1.068	ppbV		99
65) 4-methyl-2-pentanone	5.013	43	37770	1.085	ppbV		99
66) trans-1,3-dichloropropene	5.247	75	21140	1.089	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281204.D
Acq On : 10 Feb 2026 9:31 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:18:15 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) 1,1,2-trichloroethane	5.327	97	24002	1.062	ppbV		99
69) toluene	5.453	91	79456	1.123	ppbV		100
71) 2-methylthiophene	5.480	97	67989	0.954	ppbV		100
72) 1,3-dichloropropane	5.487	76	35096	1.096	ppbV		95
73) 2-hexanone	5.647	43	35422	1.095	ppbV		98
74) 3-methylthiophene	5.573	97	68495	0.931	ppbV		98
75) dibromochloromethane	5.667	129	31398	1.168	ppbV		99
76) 1,2-dibromoethane	5.787	107	34946	1.106	ppbV		99
77) butyl acetate	5.993	73	11806	1.116	ppbV		76
78) octane	6.007	85	33037	1.098	ppbV	#	68
79) tetrachloroethene	6.027	166	34210	1.137	ppbV		98
80) 1,1,1,2-tetrachloroethane	6.373	131	26830	1.090	ppbV		96
81) chlorobenzene	6.367	112	69790	1.117	ppbV		99
82) ethylbenzene	6.573	91	97800	1.121	ppbV		98
83) 2-ethylthiophene	6.593	97	73150	0.914	ppbV		98
84) m+p-xylene	6.667	91	159162	2.288	ppbV		97
85) bromoform	6.680	173	26438	1.129	ppbV		99
86) styrene	6.847	104	72832	1.100	ppbV		100
87) 1,1,2,2-tetrachloroethane	6.907	83	48898	1.050	ppbV		99
88) o-xylene	6.893	91	78210	1.119	ppbV		96
89) 1,2,3-trichloropropane	6.973	75	37405	1.010	ppbV		99
90) nonane	7.053	43	47038	1.039	ppbV		98
92) isopropylbenzene	7.200	105	114512	1.036	ppbV		97
93) bromobenzene	7.220	77	57076M6	1.069	ppbV		
94) 2-chlorotoluene	7.433	126	30630	1.012	ppbV		98
95) n-propylbenzene	7.467	120	38190	1.009	ppbV		95
96) 4-chlorotoluene	7.473	126	30958	1.006	ppbV		66
97) 4-ethyl toluene	7.547	105	110007	1.076	ppbV		99
98) 1,3,5-trimethylbenzene	7.593	105	95444	1.044	ppbV		98
99) tert-butylbenzene	7.800	119	101720	1.024	ppbV		99
100) 1,2,4-trimethylbenzene	7.807	105	95323	1.067	ppbV	#	93
101) decane	7.900	57	71045	0.984	ppbV		98
102) Benzyl Chloride	7.880	91	70310	1.095	ppbV		99
103) 1,3-dichlorobenzene	7.873	146	63492	1.016	ppbV		99
104) 1,4-dichlorobenzene	7.913	146	63270	0.981	ppbV		100
105) sec-butylbenzene	7.953	105	141183	0.997	ppbV		99
106) 1,2,3-trimethylbenzene	8.040	105	99626	0.973	ppbV		98
107) p-isopropyltoluene	8.060	119	123897	0.971	ppbV		99
108) 1,2-dichlorobenzene	8.107	146	59793	0.990	ppbV		99
109) n-butylbenzene	8.307	91	89511	0.919	ppbV		100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281204.D
Acq On : 10 Feb 2026 9:31 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:18:15 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

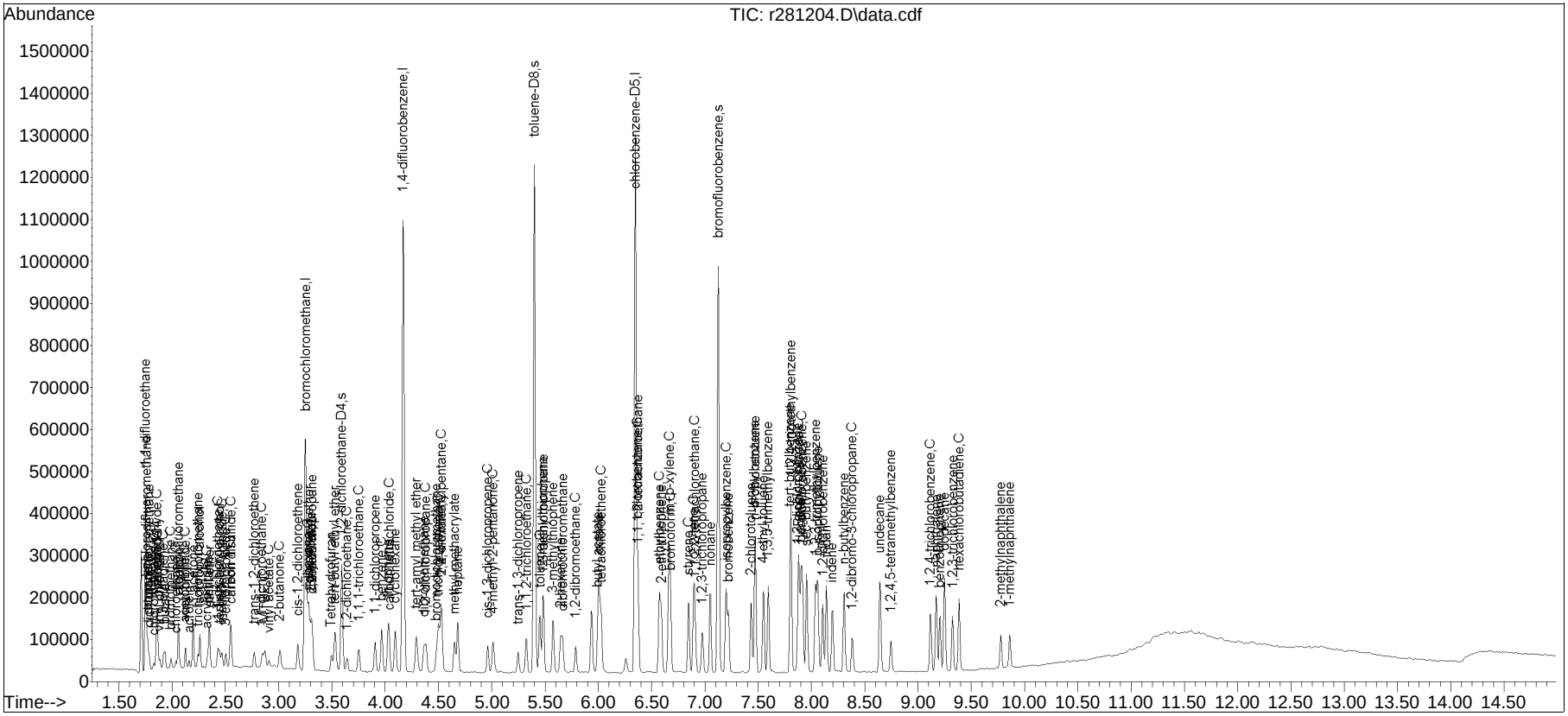
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indan	8.140	117	89020	1.016	ppbV	99
111) indene	8.193	115	68539	0.973	ppbV	99
112) 1,2-dibromo-3-chloropr...	8.380	75	17158	0.828	ppbV	93
113) undecane	8.640	57	73942	0.850	ppbV	99
114) 1,2,4,5-tetramethylben...	8.747	119	34890	0.666	ppbV	99
115) dodecane	9.250	57	69686	0.696	ppbV	99
116) 1,2,4-trichlorobenzene	9.115	180	37094	0.754	ppbV	100
117) naphthalene	9.168	128	124688	0.801	ppbV	100
118) 1,2,3-trichlorobenzene	9.325	180	35064	0.666	ppbV	99
119) benzothiophene	9.205	134	82686	0.574	ppbV	99
120) hexachlorobutadiene	9.385	225	30303	0.766	ppbV	98
121) 2-methylnaphthalene	9.775	142	32854	0.486	ppbV	99
122) 1-methylnaphthalene	9.857	142	35324	0.288	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\0210T_I\r281206.D

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281204.D
Acq On : 10 Feb 2026 9:31 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

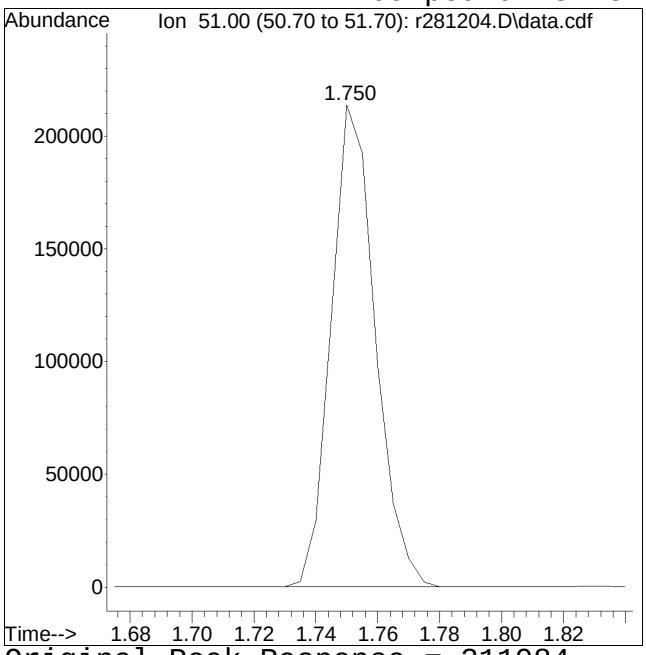
Quant Time: Feb 10 14:18:15 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration



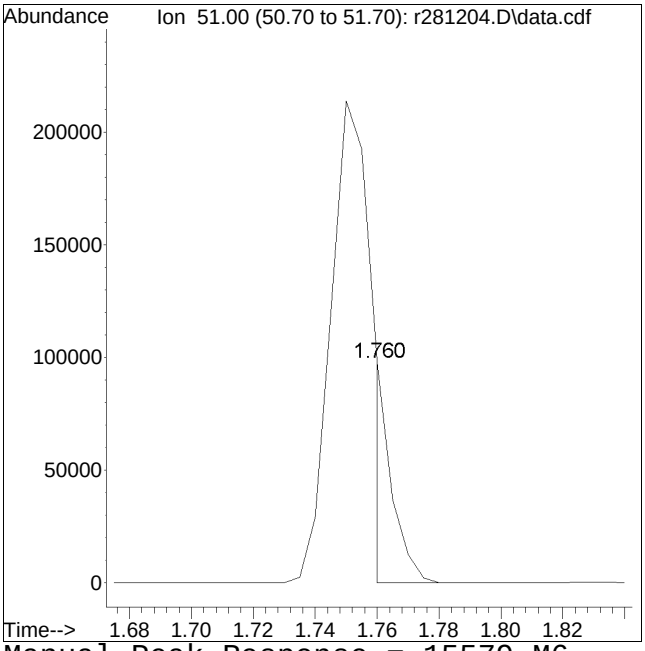
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281204.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 9:31 AM Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 2/10/2026 2:18 pm

Compound #3: chlorodifluoromethane



Original Peak Response = 211984



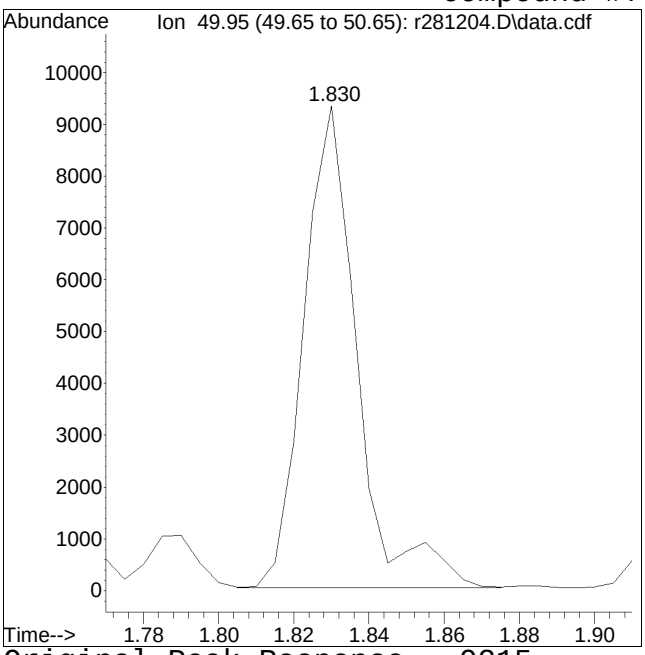
Manual Peak Response = 15579 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

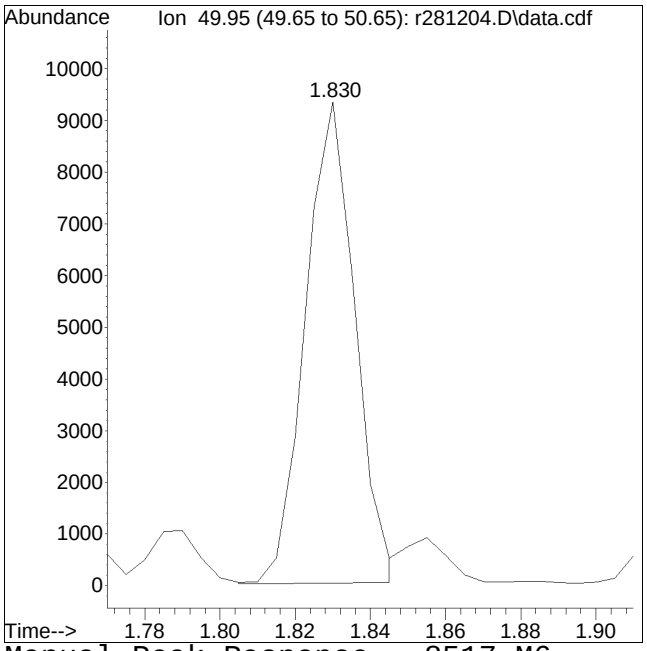
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281204.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 9:31 AM Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 2/10/2026 2:18 pm

Compound #7: chloromethane



Original Peak Response = 9215



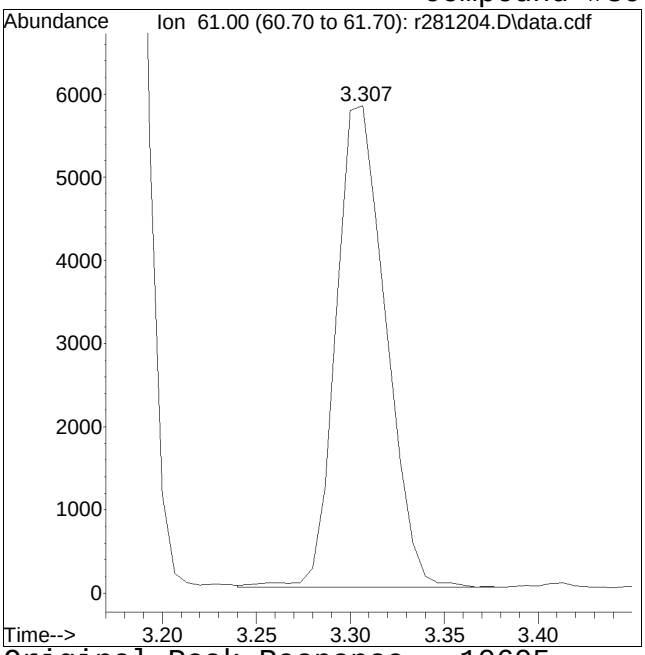
Manual Peak Response = 8517 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

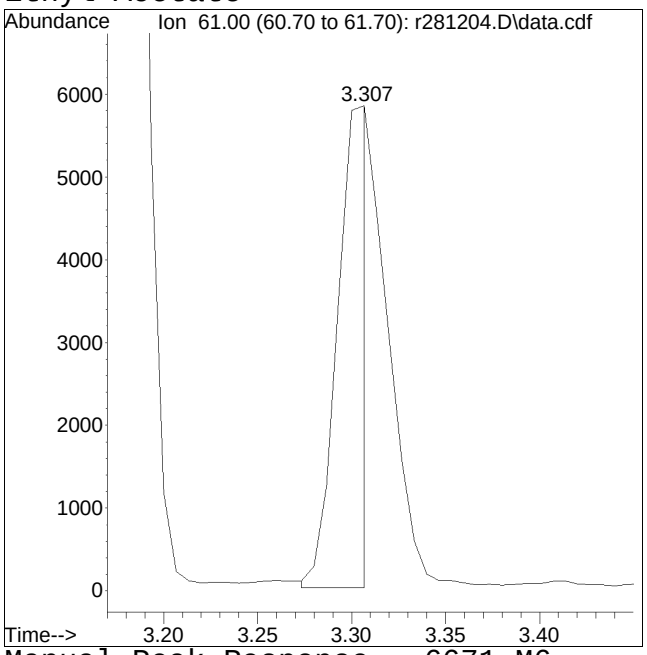
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281204.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 9:31 AM Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 2/10/2026 2:18 pm

Compound #39: Ethyl Acetate



Original Peak Response = 10605



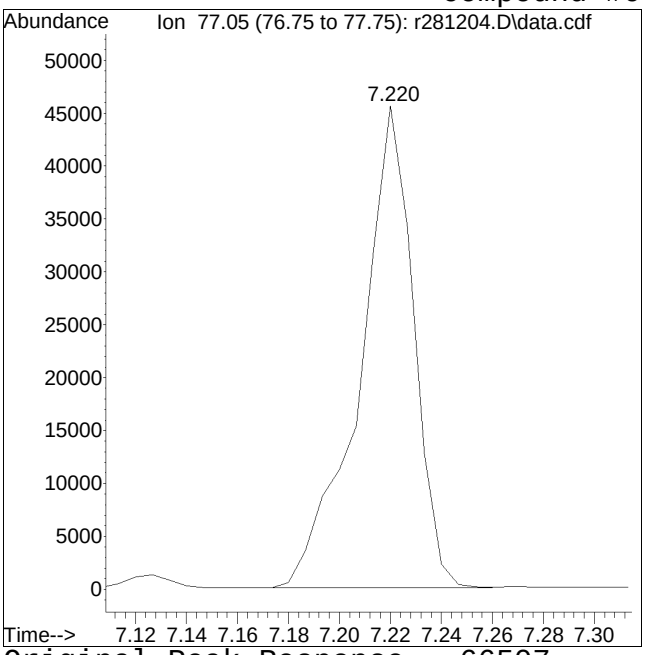
Manual Peak Response = 6671 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

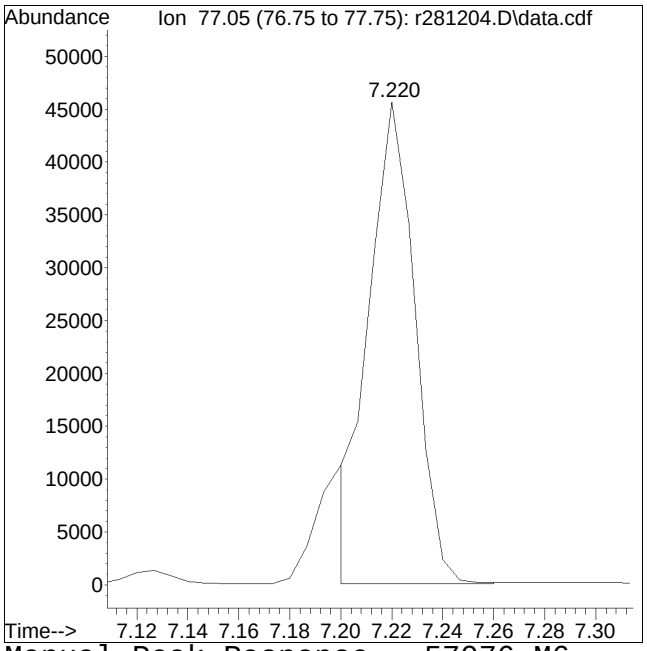
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281204.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 9:31 AM Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 2/10/2026 2:18 pm

Compound #93: bromobenzene



Original Peak Response = 66507



Manual Peak Response = 57076 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281205.D
Acq On : 10 Feb 2026 10:05 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:18:32 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.247	49	202048	10.000	ppbV	0.00
Standard Area = 212058			Recovery = 95.28%			
44) 1,4-difluorobenzene	4.167	114	765295	10.000	ppbV	0.00
Standard Area = 795728			Recovery = 96.18%			
68) chlorobenzene-D5	6.347	54	79701	10.000	ppbV	0.00
Standard Area = 84172			Recovery = 94.69%			
System Monitoring Compounds						
48) 1,2-dichloroethane-D4	3.593	65	88833	10.074	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.74%			
70) toluene-D8	5.400	98	628714	10.338	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.38%			
91) bromofluorobenzene	7.120	95	350091	10.053	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.53%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	1.750	51	935967	54.366	ppbV	100
3) chlorodifluoromethane	1.760	51	69369M6	4.873	ppbV	
4) propylene	1.770	41	65520	5.259	ppbV	99
5) propane	1.775	29	53157	5.214	ppbV	99
6) dichlorodifluoromethane	1.785	85	75648	5.764	ppbV	100
7) chloromethane	1.830	50	39200M6	4.771	ppbV	
8) Freon-114	1.855	85	113540	5.287	ppbV	99
9) methanol	1.865	31	116906	27.125	ppbV	98
10) vinyl chloride	1.885	62	56234	5.168	ppbV	99
11) 1,3-butadiene	1.920	54	43575	5.125	ppbV	99
12) butane	1.935	43	75029	5.150	ppbV	99
13) acetaldehyde	1.860	29	119072	26.888	ppbV	99
14) bromomethane	1.990	94	41489	5.255	ppbV	100
15) chloroethane	2.035	64	28218	4.718	ppbV	98
16) ethanol	2.060	31	173332	28.844	ppbV	99
17) dichlorofluoromethane	2.060	67	97280	5.203	ppbV	100
18) vinyl bromide	2.126	106	48085	5.201	ppbV	100
19) acrolein	2.159	56	28900	5.082	ppbV	97
20) acetone	2.195	43	231378	25.560	ppbV	99
21) acetonitrile	2.123	41	48158	5.149	ppbV	98
22) trichlorofluoromethane	2.243	101	64964	5.196	ppbV	99
23) isopropyl alcohol	2.258	45	184304	14.028	ppbV	100
24) acrylonitrile	2.330	53	51547	4.998	ppbV	99

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281205.D
Acq On : 10 Feb 2026 10:05 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:18:32 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) pentane	2.345	43	96413	4.349	ppbV	99
26) ethyl ether	2.351	31	79987	5.250	ppbV	99
27) 1,1-dichloroethene	2.430	61	70567	5.540	ppbV	99
28) tertiary butyl alcohol	2.440	59	113827	5.498	ppbV	99
29) methylene chloride	2.470	49	48470	5.109	ppbV	98
30) 3-chloropropene	2.505	41	64990	5.150	ppbV	99
31) carbon disulfide	2.555	76	148911	5.169	ppbV	98
32) Freon 113	2.545	101	92049	5.116	ppbV	99
33) trans-1,2-dichloroethene	2.770	61	59744	5.133	ppbV	98
34) 1,1-dichloroethane	2.843	63	84949	5.181	ppbV	99
35) MTBE	2.863	73	119476	5.092	ppbV	99
36) vinyl acetate	2.910	43	80274	4.461	ppbV	99
37) 2-butanone	3.003	43	158055	5.152	ppbV	100
38) cis-1,2-dichloroethene	3.180	61	108038	5.217	ppbV	98
39) Ethyl Acetate	3.300	61	40997M6	5.197	ppbV	
40) chloroform	3.307	83	136734	5.246	ppbV	100
41) Tetrahydrofuran	3.487	42	85384	5.058	ppbV	98
42) 2,2-dichloropropane	3.313	77	114206	5.251	ppbV	99
43) 1,2-dichloroethane	3.640	62	72771	5.197	ppbV	100
45) hexane	3.273	57	155097	5.246	ppbV	95
46) diisopropyl ether	3.280	87	103538M6	5.165	ppbV	
47) tert-butyl ethyl ether	3.527	59	288067	5.043	ppbV	99
49) 1,1,1-trichloroethane	3.747	97	112413	4.733	ppbV	99
50) 1,1-dichloropropene	3.907	75	126144	5.120	ppbV	99
51) benzene	3.967	78	318303	5.109	ppbV	100
52) thiophene	4.027	84	272924	5.116	ppbV	100
53) carbon tetrachloride	4.033	117	105098	5.227	ppbV	99
54) cyclohexane	4.093	56	161622	5.120	ppbV	100
55) tert-amyl methyl ether	4.287	73	282851	5.037	ppbV	99
56) dibromomethane	4.360	93	81080	5.216	ppbV	99
57) 1,2-dichloropropane	4.380	63	103458	5.116	ppbV	99
58) bromodichloromethane	4.480	83	132161	5.132	ppbV	100
59) 1,4-dioxane	4.520	88	69318	5.446	ppbV	92
60) trichloroethene	4.500	130	134721	5.130	ppbV	99
61) 2,2,4-trimethylpentane	4.520	57	485606	5.191	ppbV	100
62) methyl methacrylate	4.647	41	105977	5.003	ppbV	100
63) heptane	4.680	43	150489	5.110	ppbV	99
64) cis-1,3-dichloropropene	4.960	75	140290	5.048	ppbV	100
65) 4-methyl-2-pentanone	5.000	43	170611	4.977	ppbV	98
66) trans-1,3-dichloropropene	5.240	75	96244	5.033	ppbV	100

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281205.D
Acq On : 10 Feb 2026 10:05 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:18:32 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,1,2-trichloroethane	5.320	97	112290	5.046	ppbV	99
69) toluene	5.447	91	369738	5.160	ppbV	100
71) 2-methylthiophene	5.480	97	375978	5.208	ppbV	100
72) 1,3-dichloropropane	5.480	76	168583	5.198	ppbV	100
73) 2-hexanone	5.640	43	165184	5.039	ppbV	98
74) 3-methylthiophene	5.573	97	386051	5.178	ppbV	100
75) dibromochloromethane	5.660	129	141723	5.203	ppbV	99
76) 1,2-dibromoethane	5.787	107	161382	5.041	ppbV	99
77) butyl acetate	5.980	73	55908	5.217	ppbV	95
78) octane	6.000	85	157146	5.157	ppbV	95
79) tetrachloroethene	6.020	166	157820	5.176	ppbV	100
80) 1,1,1,2-tetrachloroethane	6.367	131	128889	5.166	ppbV	100
81) chlorobenzene	6.367	112	324462	5.125	ppbV	99
82) ethylbenzene	6.567	91	454818	5.144	ppbV	99
83) 2-ethylthiophene	6.587	97	418407	5.162	ppbV	100
84) m+p-xylene	6.660	91	741007	10.513	ppbV	99
85) bromoform	6.673	173	120221	5.066	ppbV	99
86) styrene	6.840	104	338924	5.053	ppbV	99
87) 1,1,2,2-tetrachloroethane	6.900	83	243334	5.158	ppbV	100
88) o-xylene	6.887	91	367412	5.190	ppbV	99
89) 1,2,3-trichloropropane	6.967	75	190168	5.070	ppbV	99
90) nonane	7.047	43	235362	5.129	ppbV	98
92) isopropylbenzene	7.193	105	572090	5.109	ppbV	99
93) bromobenzene	7.220	77	279494M6	5.165	ppbV	
94) 2-chlorotoluene	7.427	126	155236	5.064	ppbV	98
95) n-propylbenzene	7.460	120	195641	5.103	ppbV	95
96) 4-chlorotoluene	7.467	126	160994	5.161	ppbV	76
97) 4-ethyl toluene	7.540	105	529975	5.117	ppbV	100
98) 1,3,5-trimethylbenzene	7.587	105	473762	5.115	ppbV	100
99) tert-butylbenzene	7.793	119	521687	5.183	ppbV	99
100) 1,2,4-trimethylbenzene	7.800	105	479109	5.292	ppbV	95
101) decane	7.893	57	381120	5.210	ppbV	99
102) Benzyl Chloride	7.873	91	348844	5.364	ppbV	100
103) 1,3-dichlorobenzene	7.867	146	325894	5.146	ppbV	99
104) 1,4-dichlorobenzene	7.907	146	333102	5.099	ppbV	99
105) sec-butylbenzene	7.947	105	752746	5.248	ppbV	100
106) 1,2,3-trimethylbenzene	8.033	105	537206	5.178	ppbV	99
107) p-isopropyltoluene	8.047	119	669666	5.180	ppbV	100
108) 1,2-dichlorobenzene	8.100	146	313908	5.128	ppbV	99
109) n-butylbenzene	8.293	91	512566	5.192	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281205.D
Acq On : 10 Feb 2026 10:05 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:18:32 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

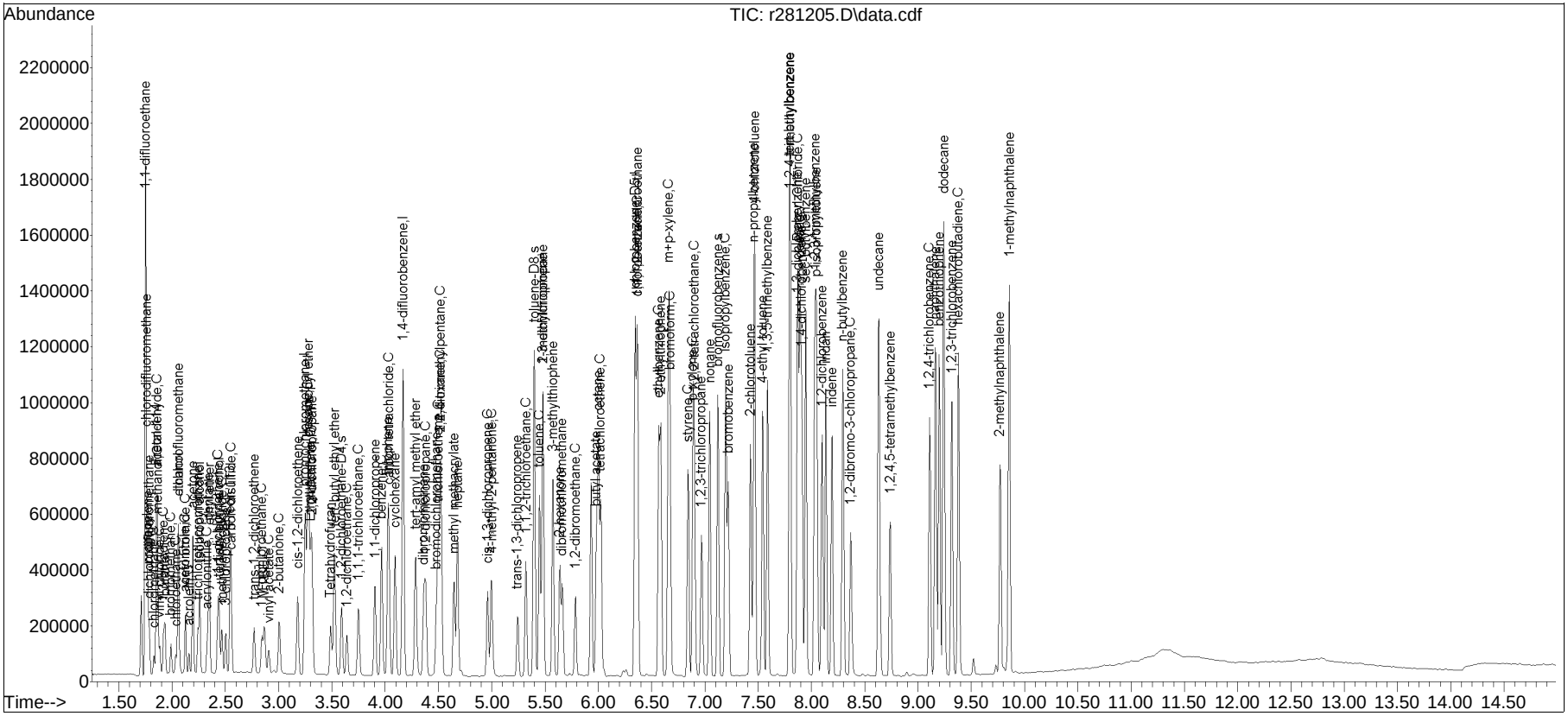
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indan	8.133	117	449498	5.062	ppbV	99
111) indene	8.193	115	369927	5.185	ppbV	98
112) 1,2-dibromo-3-chloropr...	8.367	75	110665	5.270	ppbV	96
113) undecane	8.633	57	463009	5.255	ppbV	99
114) 1,2,4,5-tetramethylben...	8.740	119	275949	5.199	ppbV	98
115) dodecane	9.242	57	528972	5.216	ppbV	99
116) 1,2,4-trichlorobenzene	9.107	180	253483	5.088	ppbV	99
117) naphthalene	9.160	128	830723	5.269	ppbV	100
118) 1,2,3-trichlorobenzene	9.318	180	276027	5.172	ppbV	99
119) benzothiophene	9.197	134	751736	5.154	ppbV	99
120) hexachlorobutadiene	9.377	225	215487	5.375	ppbV	99
121) 2-methylnaphthalene	9.768	142	337666	4.931	ppbV	98
122) 1-methylnaphthalene	9.857	142	615807	4.961	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\0210T_I\r281206.D

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281205.D
Acq On : 10 Feb 2026 10:05 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

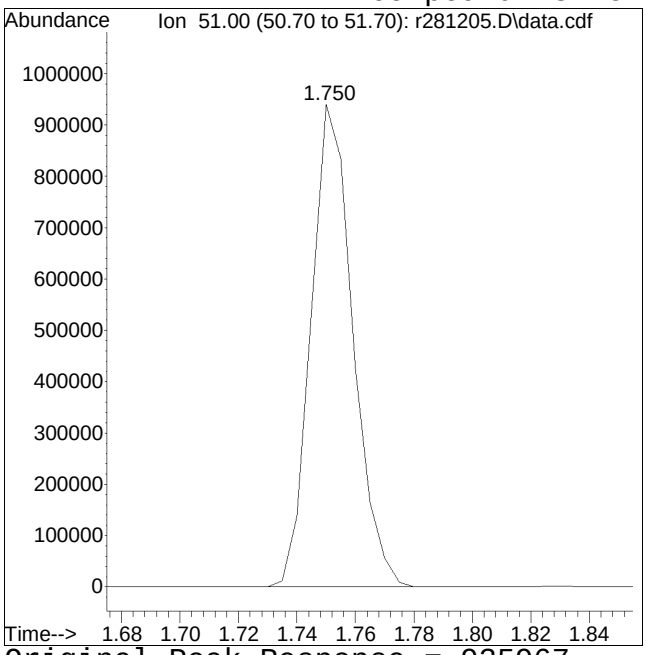
Quant Time: Feb 10 14:18:32 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration



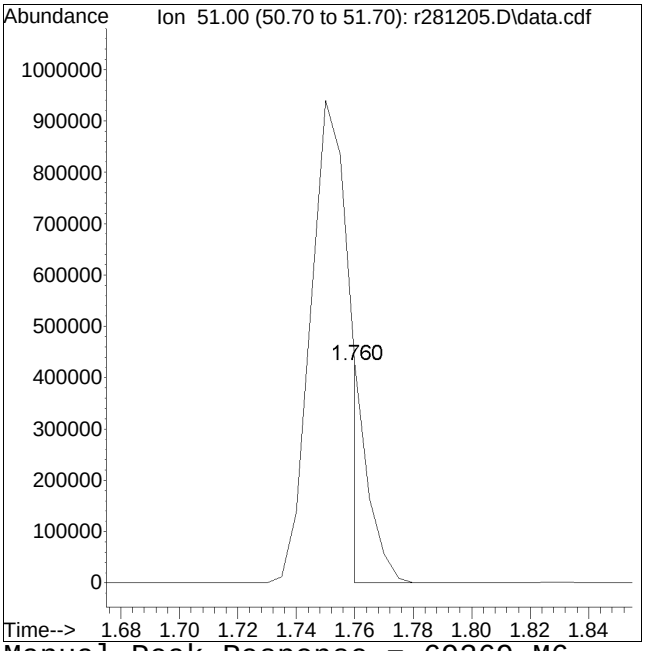
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281205.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 10:05 AM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 2/10/2026 2:18 pm

Compound #3: chlorodifluoromethane



Original Peak Response = 935967



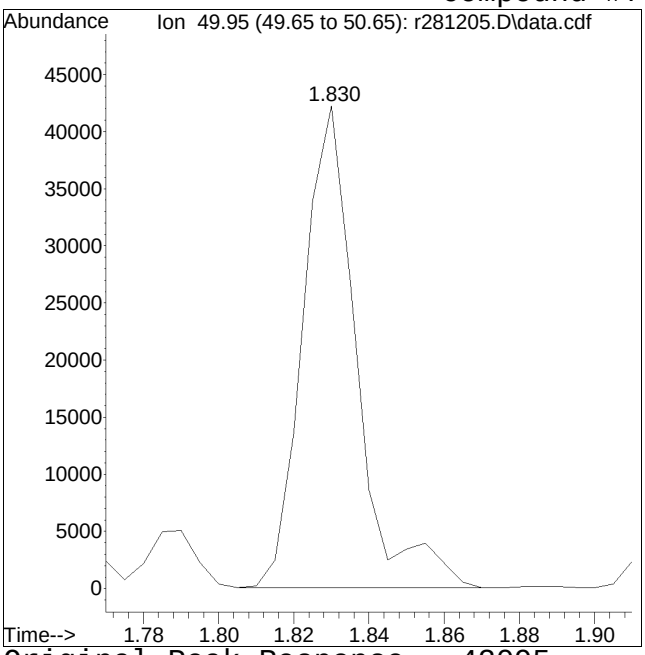
Manual Peak Response = 69369 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

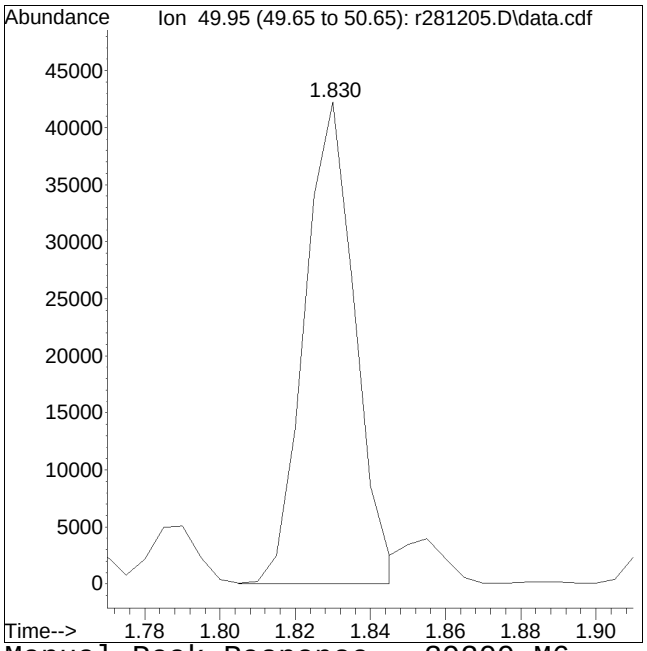
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281205.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 10:05 AM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 2/10/2026 2:18 pm

Compound #7: chloromethane



Original Peak Response = 42095



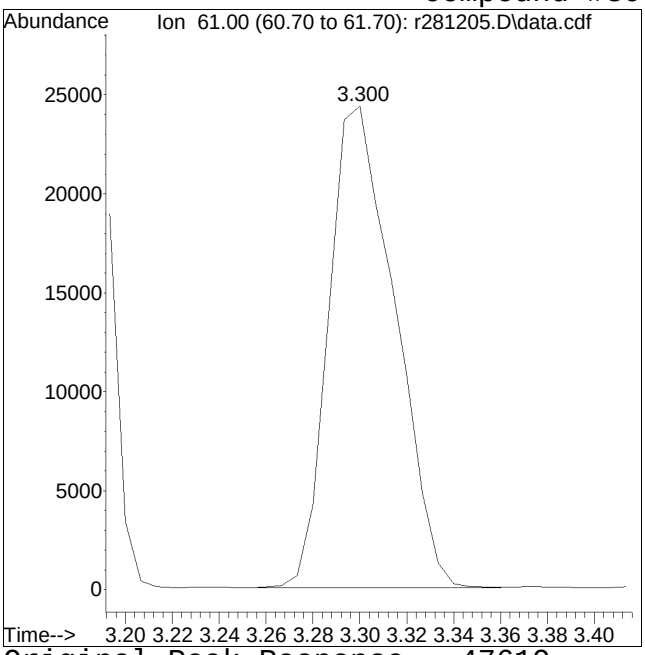
Manual Peak Response = 39200 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

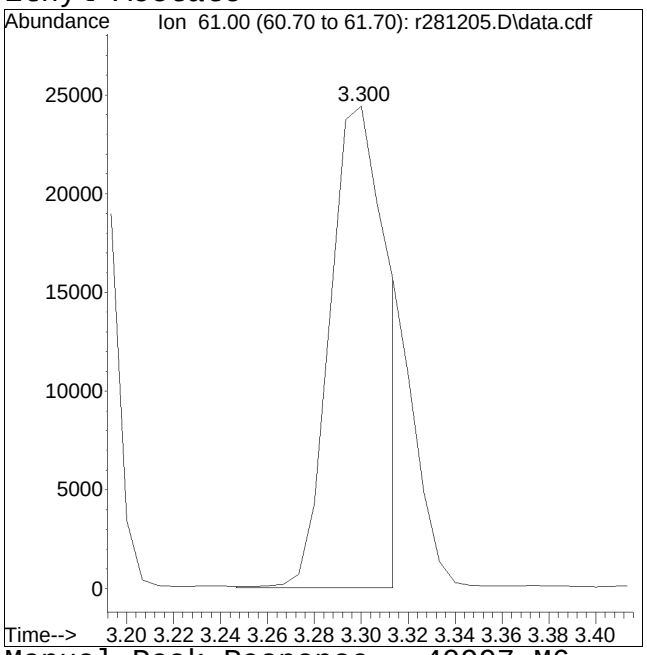
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281205.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 10:05 AM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 2/10/2026 2:18 pm

Compound #39: Ethyl Acetate



Original Peak Response = 47619



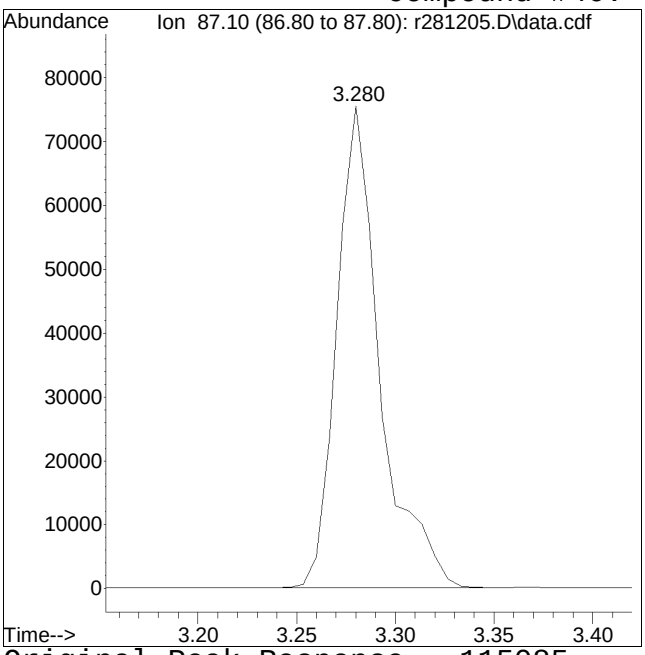
Manual Peak Response = 40997 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

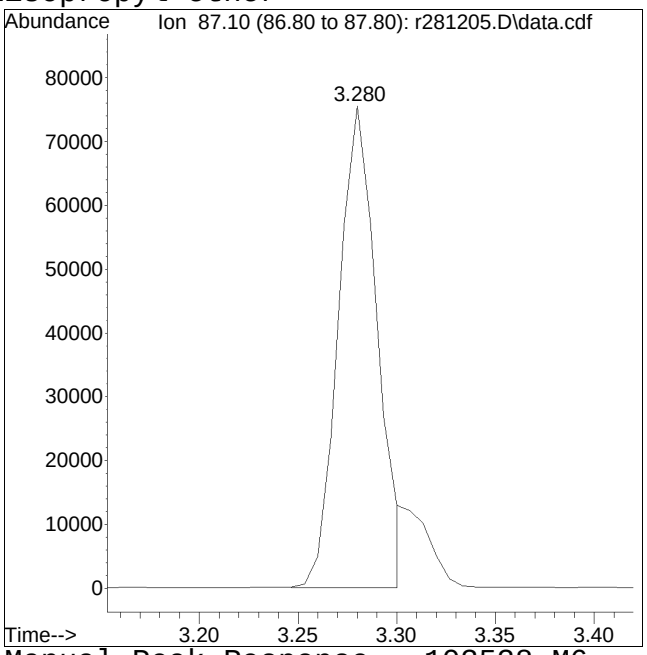
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281205.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 10:05 AM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 2/10/2026 2:18 pm

Compound #46: diisopropyl ether



Original Peak Response = 115085



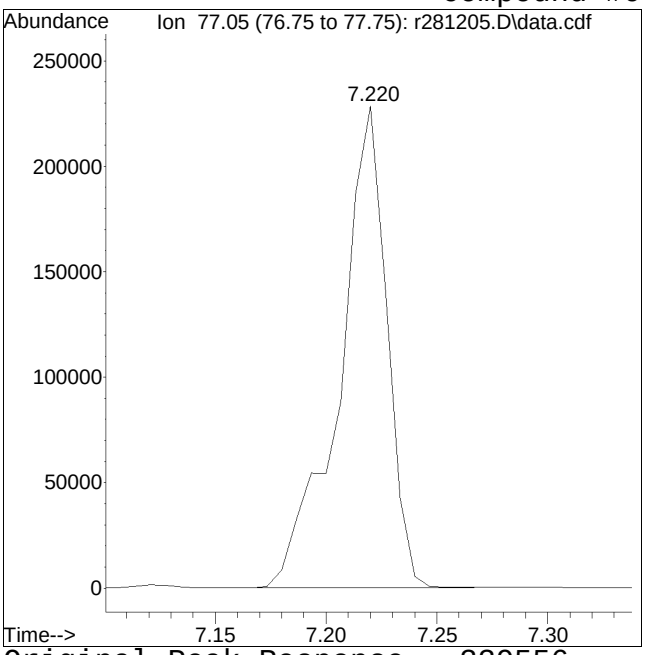
Manual Peak Response = 103538 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

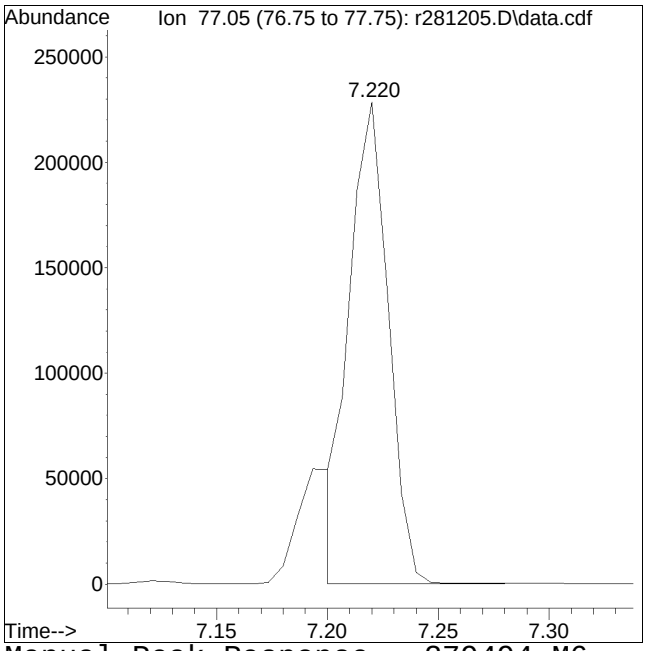
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281205.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 10:05 AM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 2/10/2026 2:18 pm

Compound #93: bromobenzene



Original Peak Response = 339556



Manual Peak Response = 279494 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281206.D
Acq On : 10 Feb 2026 10:40 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD010
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:13:19 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 03:45:52 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.253	49	212058	10.000	ppbV	0.00
Standard Area = 212058			Recovery = 100.00%			
44) 1,4-difluorobenzene	4.167	114	795728	10.000	ppbV	0.00
Standard Area = 795728			Recovery = 100.00%			
68) chlorobenzene-D5	6.347	54	84172	10.000	ppbV	0.00
Standard Area = 84172			Recovery = 100.00%			
System Monitoring Compounds						
48) 1,2-dichloroethane-D4	3.593	65	91684	5.891	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 58.91%#			
70) toluene-D8	5.400	98	642302	11.052	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.52%			
91) bromofluorobenzene	7.120	95	367777	10.438	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.38%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	1.750	51	1806895	124.407	ppbV #	96
3) chlorodifluoromethane	1.760	51	149395M3	1.029	ppbV	
4) propylene	1.770	41	130770	10.232	ppbV	96
5) propane	1.775	29	106992	14.380	ppbV #	69
6) dichlorodifluoromethane	1.785	85	137737	7.906	ppbV	100
7) chloromethane	1.830	50	80230M6	10.823	ppbV	
8) Freon-114	1.855	85	225393	11.583	ppbV	89
9) methanol	1.865	31	226175	77.189	ppbV #	73
10) vinyl chloride	1.885	62	114203	12.218	ppbV	100
11) 1,3-butadiene	1.920	54	89242	12.465	ppbV	90
12) butane	1.935	43	152913	11.094	ppbV	96
13) acetaldehyde	1.860	29	232393	60.546	ppbV	93
14) bromomethane	1.990	94	82866	10.197	ppbV	99
15) chloroethane	2.035	64	62771	11.752	ppbV	99
16) ethanol	2.060	31	315353	57.314	ppbV	87
17) dichlorofluoromethane	2.060	67	196242	10.530	ppbV	99
18) vinyl bromide	2.126	106	97026	11.688	ppbV	99
19) acrolein	2.159	56	59681	13.438	ppbV	98
20) acetone	2.192	43	475038	47.733	ppbV #	78
21) acetonitrile	2.123	41	98162	12.338	ppbV	99
22) trichlorofluoromethane	2.243	101	131210	8.899	ppbV	100
23) isopropyl alcohol	2.258	45	344723	22.469	ppbV	97
24) acrylonitrile	2.330	53	108235	12.863	ppbV	97

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281206.D
Acq On : 10 Feb 2026 10:40 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD010
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:13:19 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 03:45:52 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) pentane	2.345	43	232672	13.491	ppbV		97
26) ethyl ether	2.351	31	159894	14.956	ppbV	#	88
27) 1,1-dichloroethene	2.430	61	133677	10.691	ppbV		99
28) tertiary butyl alcohol	2.440	59	217282	11.087	ppbV	#	95
29) methylene chloride	2.470	49	99569	11.415	ppbV		99
30) 3-chloropropene	2.505	41	132446	10.816	ppbV		94
31) carbon disulfide	2.555	76	302366	11.848	ppbV	#	94
32) Freon 113	2.545	101	188835	11.058	ppbV		98
33) trans-1,2-dichloroethene	2.770	61	122160	11.056	ppbV		95
34) 1,1-dichloroethane	2.843	63	172085	10.821	ppbV		100
35) MTBE	2.863	73	246283	10.135	ppbV		94
36) vinyl acetate	2.910	43	188856	10.934	ppbV		100
37) 2-butanone	3.003	43	321994	19.734	ppbV		98
38) cis-1,2-dichloroethene	3.180	61	217336	9.895	ppbV		95
39) Ethyl Acetate	3.293	61	82795M6	9.779	ppbV		
40) chloroform	3.307	83	273546	8.925	ppbV		98
41) Tetrahydrofuran	3.487	42	177163	9.296	ppbV		93
42) 2,2-dichloropropane	3.313	77	228267	7.916	ppbV	#	90
43) 1,2-dichloroethane	3.640	62	146955	7.009	ppbV	#	87
45) hexane	3.273	57	307429	9.492	ppbV		91
46) diisopropyl ether	3.280	87	208435M6	8.754	ppbV		
47) tert-butyl ethyl ether	3.520	59	593964	9.877	ppbV		96
49) 1,1,1-trichloroethane	3.747	97	246928	6.732	ppbV	#	93
50) 1,1-dichloropropene	3.907	75	256190	8.811	ppbV	#	87
51) benzene	3.967	78	647833	9.985	ppbV		98
52) thiophene	4.027	84	554636	11.305	ppbV		98
53) carbon tetrachloride	4.033	117	209060	6.767	ppbV		98
54) cyclohexane	4.093	56	328238	10.323	ppbV	#	90
55) tert-amyl methyl ether	4.280	73	583900	9.367	ppbV		94
56) dibromomethane	4.360	93	161611	9.190	ppbV		92
57) 1,2-dichloropropane	4.380	63	210271	10.484	ppbV	#	94
58) bromodichloromethane	4.480	83	267765	8.226	ppbV		99
59) 1,4-dioxane	4.513	88	132349	9.273	ppbV		90
60) trichloroethene	4.500	130	273037	9.014	ppbV		98
61) 2,2,4-trimethylpentane	4.520	57	972694	10.520	ppbV	#	90
62) methyl methacrylate	4.647	41	220263	8.596	ppbV	#	84
63) heptane	4.680	43	306211	8.657	ppbV		89
64) cis-1,3-dichloropropene	4.960	75	288940	9.216	ppbV	#	91
65) 4-methyl-2-pentanone	4.993	43	356434	8.751	ppbV	#	86
66) trans-1,3-dichloropropene	5.240	75	198840	8.226	ppbV		93

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281206.D
Acq On : 10 Feb 2026 10:40 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD010
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:13:19 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 03:45:52 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) 1,1,2-trichloroethane	5.320	97	231388	9.690	ppbV		94
69) toluene	5.447	91	756782	11.613	ppbV		99
71) 2-methylthiophene	5.480	97	762376	13.326	ppbV		99
72) 1,3-dichloropropane	5.480	76	342509	11.617	ppbV		91
73) 2-hexanone	5.633	43	346177	10.090	ppbV	#	81
74) 3-methylthiophene	5.573	97	787438	13.236	ppbV		99
75) dibromochloromethane	5.660	129	287689	10.220	ppbV		99
76) 1,2-dibromoethane	5.787	107	338100	11.740	ppbV		99
77) butyl acetate	5.980	73	113177	12.200	ppbV		85
78) octane	6.000	85	321822	12.203	ppbV		96
79) tetrachloroethene	6.020	166	321996	12.075	ppbV	#	88
80) 1,1,1,2-tetrachloroethane	6.367	131	263473	11.276	ppbV		99
81) chlorobenzene	6.367	112	668575	13.085	ppbV		96
82) ethylbenzene	6.567	91	933756	11.617	ppbV		95
83) 2-ethylthiophene	6.587	97	856061	12.599	ppbV		91
84) m+p-xylene	6.660	91	1488761	23.705	ppbV		91
85) bromoform	6.673	173	250601	13.037	ppbV		100
86) styrene	6.840	104	708401	12.880	ppbV		93
87) 1,1,2,2-tetrachloroethane	6.900	83	498205	13.304	ppbV		99
88) o-xylene	6.887	91	747705	11.879	ppbV		92
89) 1,2,3-trichloropropane	6.967	75	396154	11.452	ppbV	#	96
90) nonane	7.040	43	484604	11.722	ppbV		82
92) isopropylbenzene	7.193	105	1182672	12.805	ppbV		99
93) bromobenzene	7.220	77	571470M6	10.094	ppbV		
94) 2-chlorotoluene	7.427	126	323732	11.633	ppbV		98
95) n-propylbenzene	7.460	120	404872	13.299	ppbV		80
96) 4-chlorotoluene	7.467	126	329424	12.393	ppbV		97
97) 4-ethyl toluene	7.540	105	1093789	12.376	ppbV		98
98) 1,3,5-trimethylbenzene	7.587	105	978166	12.329	ppbV		98
99) tert-butylbenzene	7.793	119	1062977	12.822	ppbV		97
100) 1,2,4-trimethylbenzene	7.800	105	956207	12.705	ppbV	#	90
101) decane	7.893	57	772548	15.672	ppbV		90
102) Benzyl Chloride	7.873	91	686834	12.421	ppbV		99
103) 1,3-dichlorobenzene	7.867	146	668820	12.855	ppbV		96
104) 1,4-dichlorobenzene	7.907	146	689900	13.749	ppbV		96
105) sec-butylbenzene	7.947	105	1514878	13.192	ppbV		95
106) 1,2,3-trimethylbenzene	8.027	105	1095634	12.833	ppbV		99
107) p-isopropyltoluene	8.047	119	1365295	13.011	ppbV		98
108) 1,2-dichlorobenzene	8.100	146	646477	12.525	ppbV		97
109) n-butylbenzene	8.293	91	1042505	12.824	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281206.D
Acq On : 10 Feb 2026 10:40 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD010
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:13:19 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 03:45:52 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

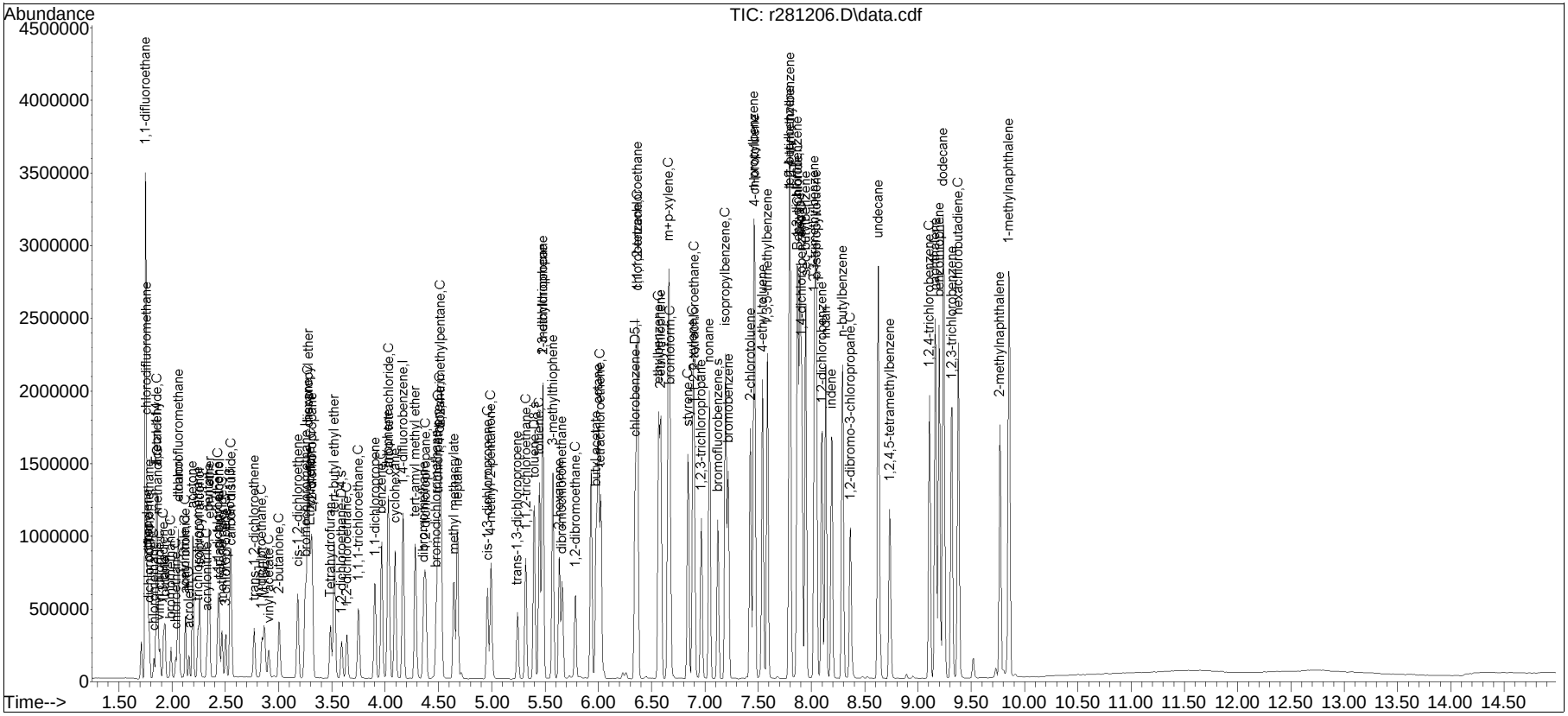
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indan	8.133	117	937762	12.999	ppbV	98
111) indene	8.187	115	753433	12.941	ppbV	97
112) 1,2-dibromo-3-chloropr...	8.367	75	221770	10.882	ppbV	83
113) undecane	8.627	57	930459	16.257	ppbV	92
114) 1,2,4,5-tetramethylben...	8.733	119	560532	14.437	ppbV	98
115) dodecane	9.235	57	1070995	18.736	ppbV	89
116) 1,2,4-trichlorobenzene	9.107	180	526097	14.713	ppbV	97
117) naphthalene	9.160	128	1665084	14.151	ppbV	97
118) 1,2,3-trichlorobenzene	9.318	180	563609	15.674	ppbV	98
119) benzothiophene	9.197	134	1540315	16.745	ppbV	99
120) hexachlorobutadiene	9.377	225	423414	14.622	ppbV	95
121) 2-methylnaphthalene	9.768	142	723154	15.639	ppbV	98
122) 1-methylnaphthalene	9.850	142	1311060	21.456	ppbV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\0210T_I\r281206.D

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281206.D
Acq On : 10 Feb 2026 10:40 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD010
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

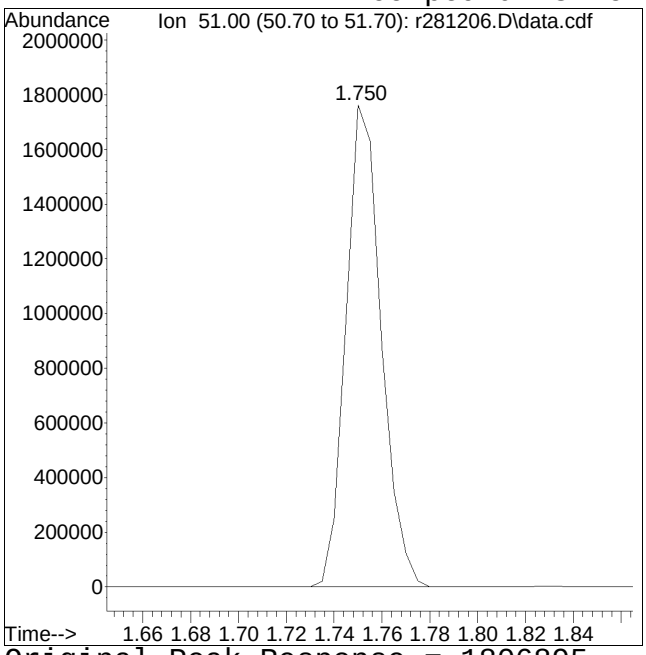
Quant Time: Feb 10 14:13:19 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 03:45:52 2026
Response via : Initial Calibration

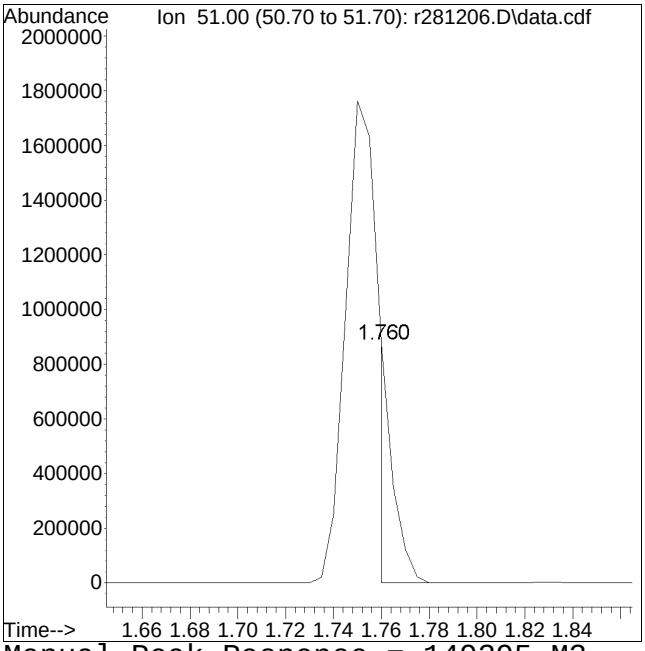


Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281206.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 10:40 AM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 2/10/2026 2:13 pm

Compound #3: chlorodifluoromethane





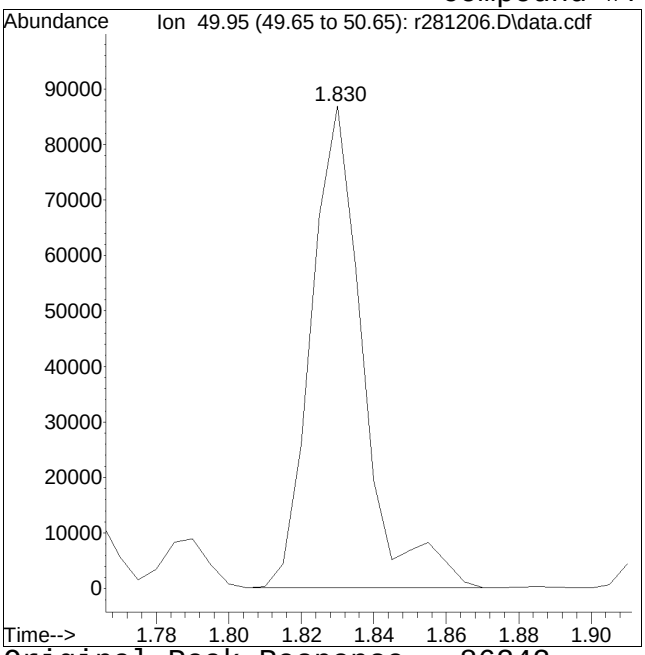
Original Peak Response = 1806895 Manual Peak Response = 149395 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

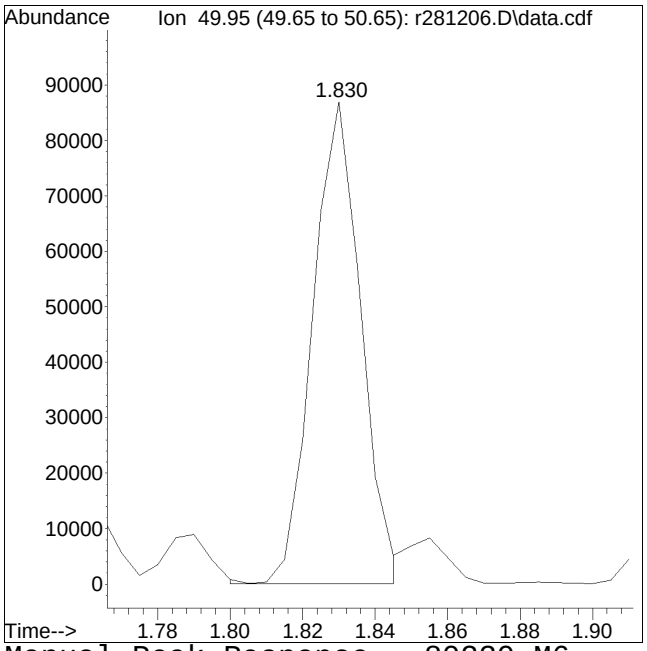
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281206.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 10:40 AM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 2/10/2026 2:13 pm

Compound #7: chloromethane



Original Peak Response = 86242



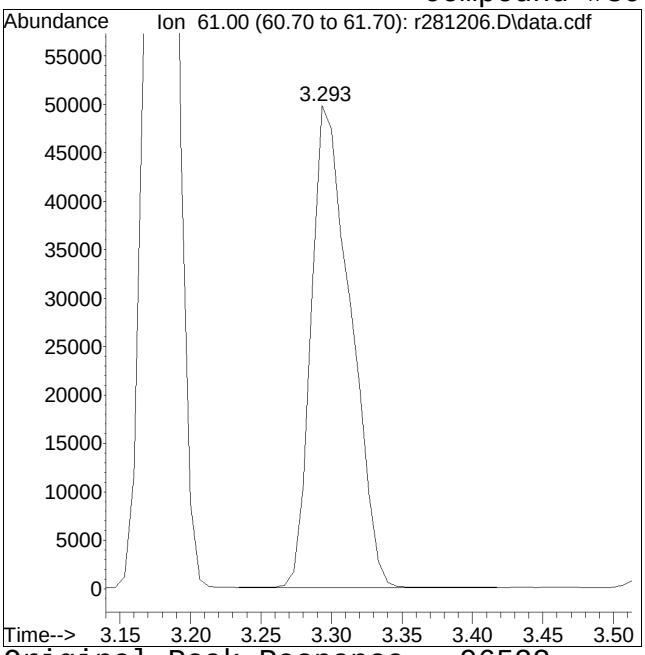
Manual Peak Response = 80230 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

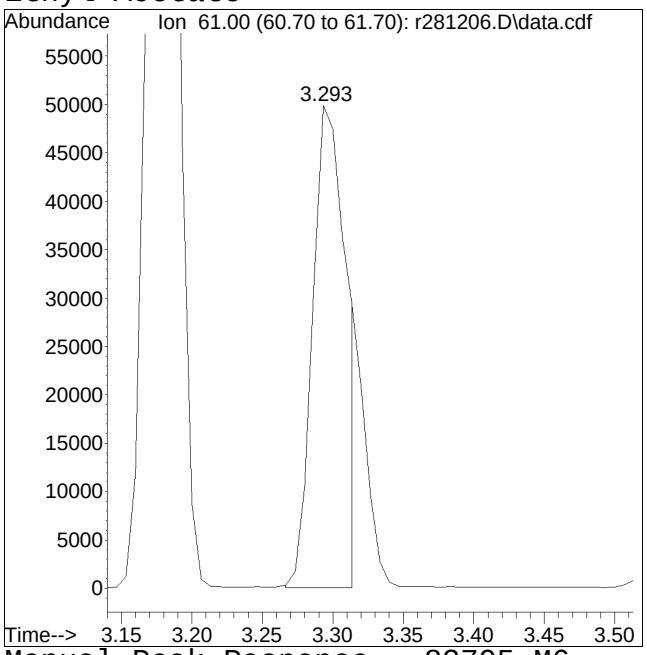
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281206.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 10:40 AM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 2/10/2026 2:13 pm

Compound #39: Ethyl Acetate



Original Peak Response = 96522



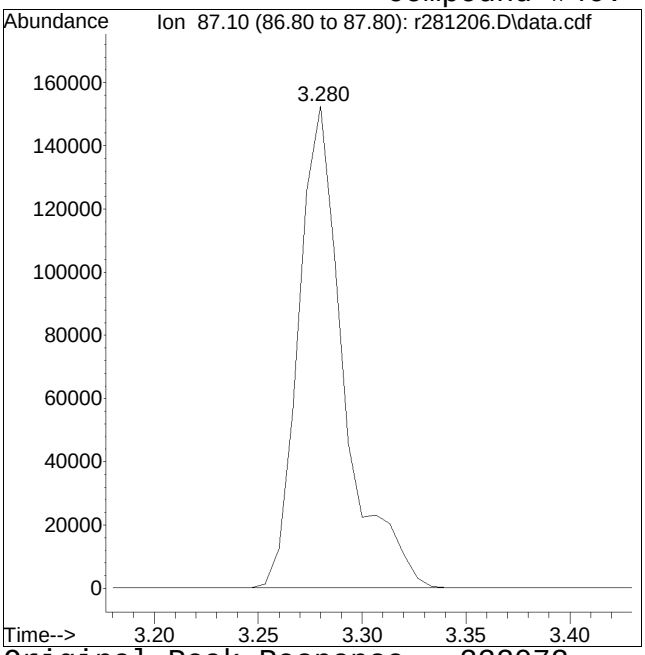
Manual Peak Response = 82795 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

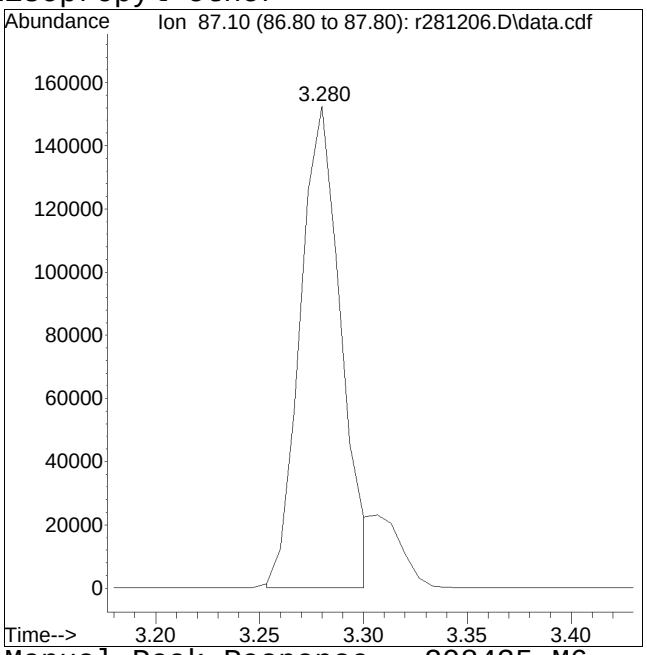
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281206.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 10:40 AM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 2/10/2026 2:13 pm

Compound #46: diisopropyl ether



Original Peak Response = 232072



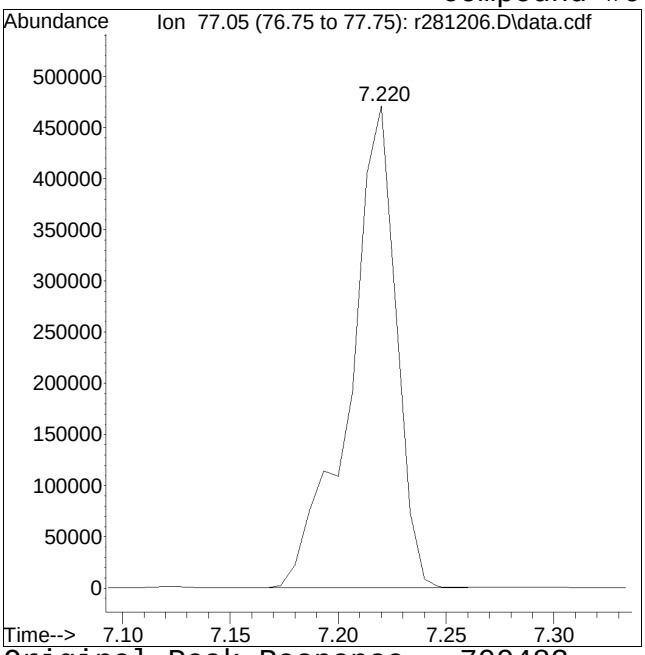
Manual Peak Response = 208435 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

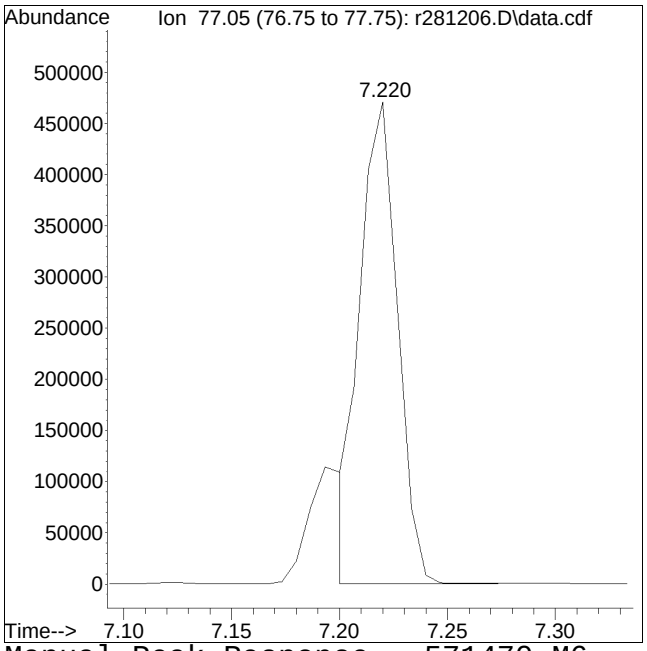
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281206.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 10:40 AM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 2/10/2026 2:13 pm

Compound #93: bromobenzene



Original Peak Response = 700483



Manual Peak Response = 571470 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281207.D
Acq On : 10 Feb 2026 11:12 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD020
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:18:50 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.247	49	202677	10.000	ppbV	0.00
Standard Area = 212058			Recovery = 95.58%			
44) 1,4-difluorobenzene	4.167	114	767048	10.000	ppbV	0.00
Standard Area = 795728			Recovery = 96.40%			
68) chlorobenzene-D5	6.347	54	79748	10.000	ppbV	0.00
Standard Area = 84172			Recovery = 94.74%			
System Monitoring Compounds						
48) 1,2-dichloroethane-D4	3.593	65	86398	9.776	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.76%			
70) toluene-D8	5.400	98	613814	10.087	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.87%			
91) bromofluorobenzene	7.120	95	337789	9.694	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.94%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	1.750	51	3038719	175.958	ppbV	98
3) chlorodifluoromethane	1.760	51	238987M6	16.737	ppbV	
4) propylene	1.770	41	256364	20.512	ppbV	98
5) propane	1.775	29	186282	18.217	ppbV	100
6) dichlorodifluoromethane	1.785	85	294631	22.381	ppbV	100
7) chloromethane	1.830	50	153392M6	18.609	ppbV	
8) Freon-114	1.855	85	415818	19.302	ppbV	100
9) methanol	1.865	31	381107	88.150	ppbV	99
10) vinyl chloride	1.885	62	216768	19.859	ppbV	99
11) 1,3-butadiene	1.920	54	175907	20.624	ppbV	99
12) butane	1.935	43	283202	19.378	ppbV	100
13) acetaldehyde	1.860	29	403926	90.928	ppbV	100
14) bromomethane	1.990	94	157977	19.947	ppbV	99
15) chloroethane	2.035	64	109880	18.315	ppbV	100
16) ethanol	2.060	31	624966	103.676	ppbV	100
17) dichlorofluoromethane	2.055	67	350935	18.710	ppbV	100
18) vinyl bromide	2.126	106	188906	20.371	ppbV	100
19) acrolein	2.159	56	114054	19.995	ppbV	99
20) acetone	2.192	43	917221	101.010	ppbV	100
21) acetonitrile	2.123	41	182865	19.491	ppbV	99
22) trichlorofluoromethane	2.240	101	248298	19.800	ppbV	100
23) isopropyl alcohol	2.255	45	742335	56.327	ppbV	99
24) acrylonitrile	2.330	53	200903	19.421	ppbV	98

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281207.D
Acq On : 10 Feb 2026 11:12 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD020
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:18:50 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) pentane	2.345	43	368972	16.592	ppbV	99
26) ethyl ether	2.351	31	296674	19.413	ppbV	100
27) 1,1-dichloroethene	2.430	61	244909	19.169	ppbV	98
28) tertiary butyl alcohol	2.440	59	429417	20.678	ppbV	100
29) methylene chloride	2.470	49	189330	19.895	ppbV	98
30) 3-chloropropene	2.505	41	260441	20.574	ppbV	99
31) carbon disulfide	2.555	76	591420	20.465	ppbV	99
32) Freon 113	2.545	101	344287	19.076	ppbV	99
33) trans-1,2-dichloroethene	2.770	61	242582	20.777	ppbV	99
34) 1,1-dichloroethane	2.843	63	326423	19.847	ppbV	100
35) MTBE	2.863	73	480413	20.409	ppbV	100
36) vinyl acetate	2.903	43	400353	22.180	ppbV	99
37) 2-butanone	3.003	43	625288	20.318	ppbV	100
38) cis-1,2-dichloroethene	3.180	61	406283	19.559	ppbV	99
39) Ethyl Acetate	3.293	61	142378M6	17.992	ppbV	
40) chloroform	3.307	83	509830	19.500	ppbV	100
41) Tetrahydrofuran	3.480	42	345967	20.432	ppbV	99
42) 2,2-dichloropropane	3.313	77	409110	18.752	ppbV	100
43) 1,2-dichloroethane	3.640	62	264806	18.854	ppbV	99
45) hexane	3.273	57	595786	20.104	ppbV	95
46) diisopropyl ether	3.280	87	379785M6	18.902	ppbV	
47) tert-butyl ethyl ether	3.520	59	1069810	18.685	ppbV	100
49) 1,1,1-trichloroethane	3.747	97	419477	17.623	ppbV	100
50) 1,1-dichloropropene	3.900	75	471162	19.079	ppbV	97
51) benzene	3.967	78	1226186	19.635	ppbV	99
52) thiophene	4.027	84	869358	16.260	ppbV	99
53) carbon tetrachloride	4.033	117	394231	19.562	ppbV	98
54) cyclohexane	4.093	56	641418	20.272	ppbV	100
55) tert-amyl methyl ether	4.280	73	1049460	18.645	ppbV	100
56) dibromomethane	4.360	93	294708	18.917	ppbV	100
57) 1,2-dichloropropane	4.380	63	392024	19.341	ppbV	99
58) bromodichloromethane	4.480	83	518656	20.094	ppbV	100
59) 1,4-dioxane	4.513	88	280162	21.960	ppbV	97
60) trichloroethene	4.500	130	503658	19.136	ppbV	100
61) 2,2,4-trimethylpentane	4.520	57	1876637	20.015	ppbV	99
62) methyl methacrylate	4.640	41	409532	19.288	ppbV	99
63) heptane	4.673	43	603919	20.460	ppbV	98
64) cis-1,3-dichloropropene	4.960	75	561051	20.144	ppbV	100
65) 4-methyl-2-pentanone	4.993	43	684918	19.934	ppbV	99
66) trans-1,3-dichloropropene	5.240	75	395738	20.646	ppbV	100

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281207.D
Acq On : 10 Feb 2026 11:12 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD020
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:18:50 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67)	1,1,2-trichloroethane	5.320	97	437358	19.608	ppbV	100
69)	toluene	5.447	91	1399408	19.517	ppbV	99
71)	2-methylthiophene	5.480	97	1171031	16.212	ppbV	100
72)	1,3-dichloropropane	5.480	76	615993	18.982	ppbV	99
73)	2-hexanone	5.627	43	665038	20.277	ppbV	99
74)	3-methylthiophene	5.573	97	1234650	16.549	ppbV	100
75)	dibromochloromethane	5.660	129	562126	20.623	ppbV	100
76)	1,2-dibromoethane	5.780	107	639826	19.974	ppbV	100
77)	butyl acetate	5.980	73	210492	19.630	ppbV	98
78)	octane	6.000	85	587009	19.252	ppbV	97
79)	tetrachloroethene	6.020	166	598793	19.628	ppbV	100
80)	1,1,1,2-tetrachloroethane	6.367	131	460348	18.442	ppbV	99
81)	chlorobenzene	6.367	112	1225545	19.348	ppbV	99
82)	ethylbenzene	6.567	91	1700891	19.226	ppbV	99
83)	2-ethylthiophene	6.587	97	1325948	16.348	ppbV	99
84)	m+p-xylene	6.660	91	2684678	38.067	ppbV	99
85)	bromoform	6.673	173	474532	19.986	ppbV	99
86)	styrene	6.840	104	1348808	20.096	ppbV	100
87)	1,1,2,2-tetrachloroethane	6.900	83	955486	20.242	ppbV	100
88)	o-xylene	6.887	91	1362444	19.233	ppbV	99
89)	1,2,3-trichloropropane	6.967	75	721292	19.217	ppbV	99
90)	nonane	7.040	43	859641	18.723	ppbV	98
92)	isopropylbenzene	7.193	105	2075447	18.522	ppbV	100
93)	bromobenzene	7.220	77	1017360M6	18.790	ppbV	
94)	2-chlorotoluene	7.427	126	587458	19.153	ppbV	99
95)	n-propylbenzene	7.460	120	720272	18.777	ppbV	97
96)	4-chlorotoluene	7.467	126	582630	18.667	ppbV	79
97)	4-ethyl toluene	7.540	105	2050240	19.784	ppbV	99
98)	1,3,5-trimethylbenzene	7.587	105	1774445	19.147	ppbV	98
99)	tert-butylbenzene	7.793	119	1845062	18.320	ppbV	99
100)	1,2,4-trimethylbenzene	7.800	105	1703612	18.805	ppbV	96
101)	decane	7.893	57	1358805	18.564	ppbV	99
102)	Benzyl Chloride	7.873	91	1323439	20.338	ppbV	98
103)	1,3-dichlorobenzene	7.867	146	1212574	19.136	ppbV	99
104)	1,4-dichlorobenzene	7.907	146	1273942	19.490	ppbV	100
105)	sec-butylbenzene	7.947	105	2731186	19.029	ppbV	100
106)	1,2,3-trimethylbenzene	8.027	105	1941958	18.708	ppbV	99
107)	p-isopropyltoluene	8.040	119	2404644	18.590	ppbV	99
108)	1,2-dichlorobenzene	8.093	146	1225227	20.004	ppbV	97
109)	n-butylbenzene	8.287	91	1879236	19.026	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281207.D
Acq On : 10 Feb 2026 11:12 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD020
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:18:50 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

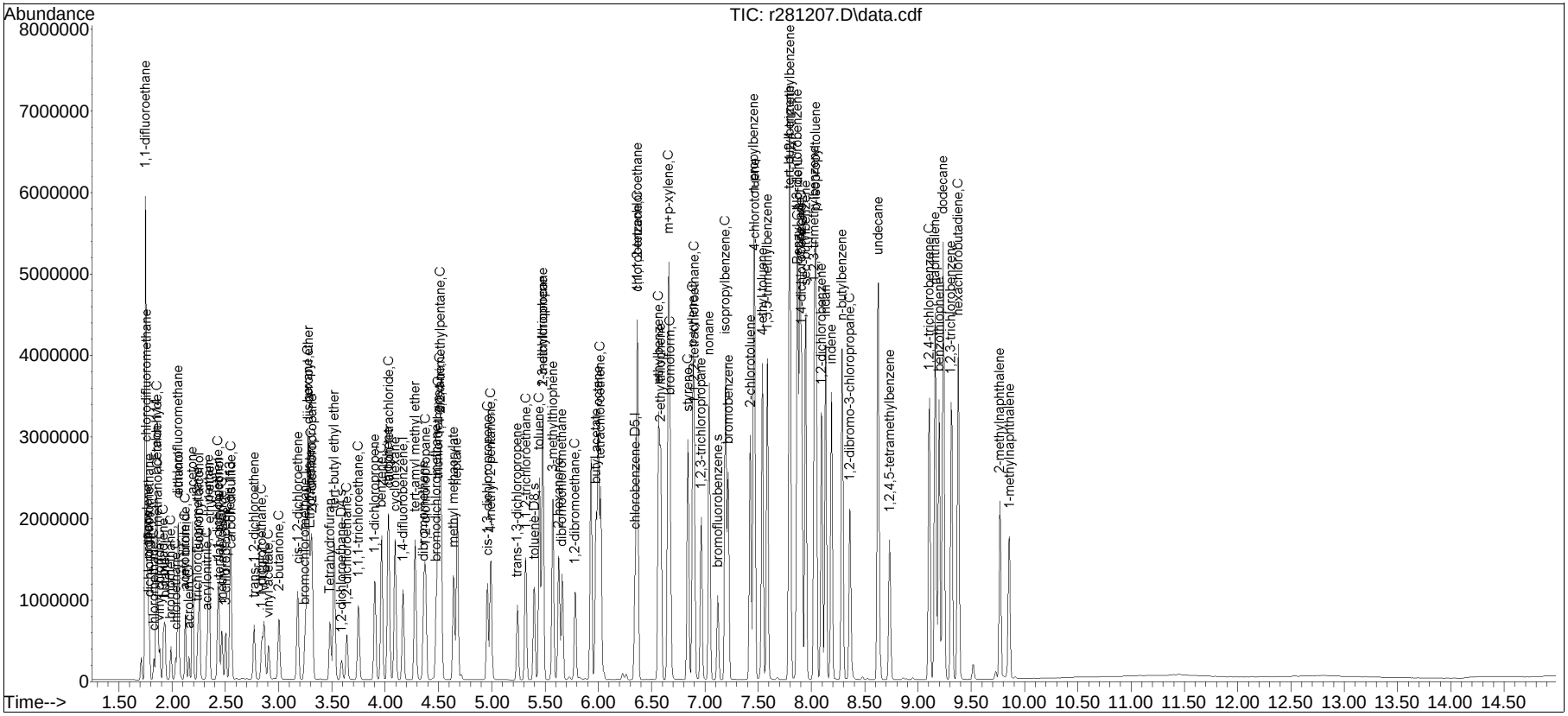
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indan	8.133	117	1783920	20.078	ppbV	99
111) indene	8.187	115	1489569	20.867	ppbV	100
112) 1,2-dibromo-3-chloropr...	8.360	75	417658	19.878	ppbV	93
113) undecane	8.627	57	1612898	18.296	ppbV	99
114) 1,2,4,5-tetramethylben...	8.733	119	821224	15.464	ppbV	100
115) dodecane	9.235	57	1685539	16.611	ppbV	98
116) 1,2,4-trichlorobenzene	9.107	180	998007	20.022	ppbV	100
117) naphthalene	9.160	128	2995938	18.991	ppbV	99
118) 1,2,3-trichlorobenzene	9.310	180	1009252	18.900	ppbV	96
119) benzothiophene	9.197	134	2185854	14.978	ppbV	99
120) hexachlorobutadiene	9.377	225	771502	19.232	ppbV	99
121) 2-methylnaphthalene	9.768	142	918534	13.406	ppbV	99
122) 1-methylnaphthalene	9.857	142	813578	6.550	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\0210T_I\r281206.D

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281207.D
Acq On : 10 Feb 2026 11:12 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD020
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

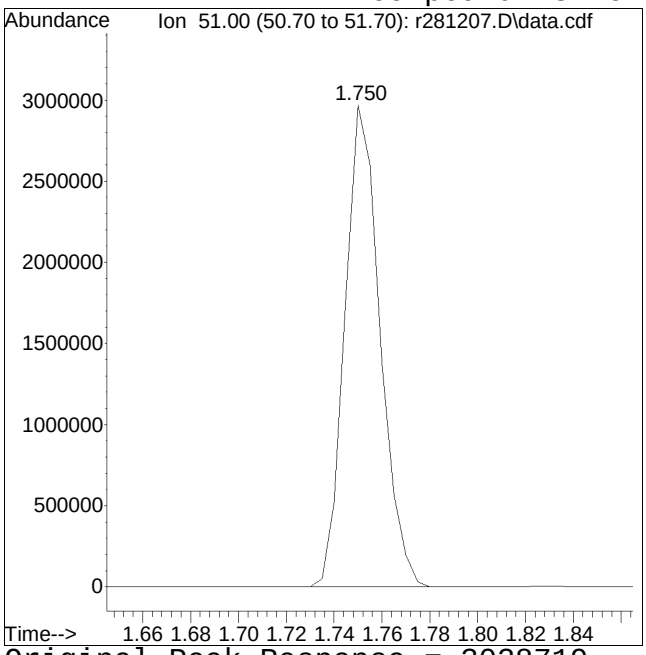
Quant Time: Feb 10 14:18:50 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration



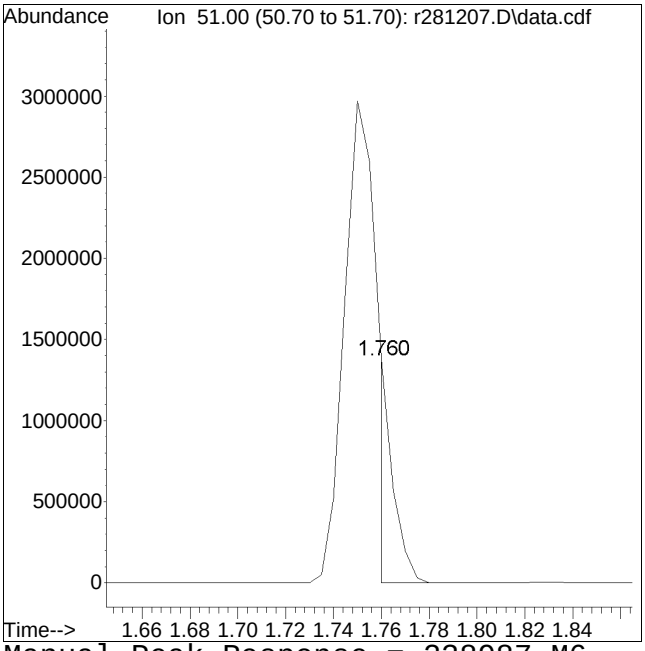
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281207.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 11:12 AM Instrument :
Sample : ITO15-SIMSTD020 Quant Date : 2/10/2026 2:18 pm

Compound #3: chlorodifluoromethane



Original Peak Response = 3038719



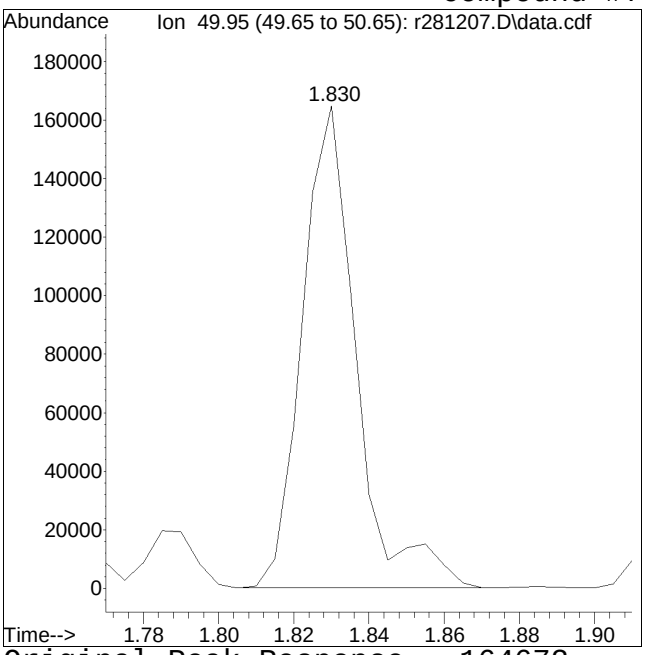
Manual Peak Response = 238987 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

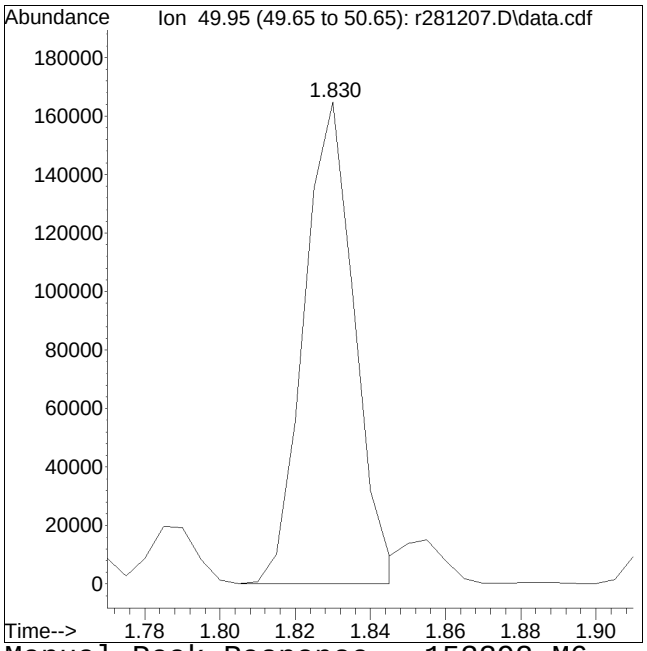
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281207.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 11:12 AM Instrument :
Sample : ITO15-SIMSTD020 Quant Date : 2/10/2026 2:18 pm

Compound #7: chloromethane



Original Peak Response = 164672



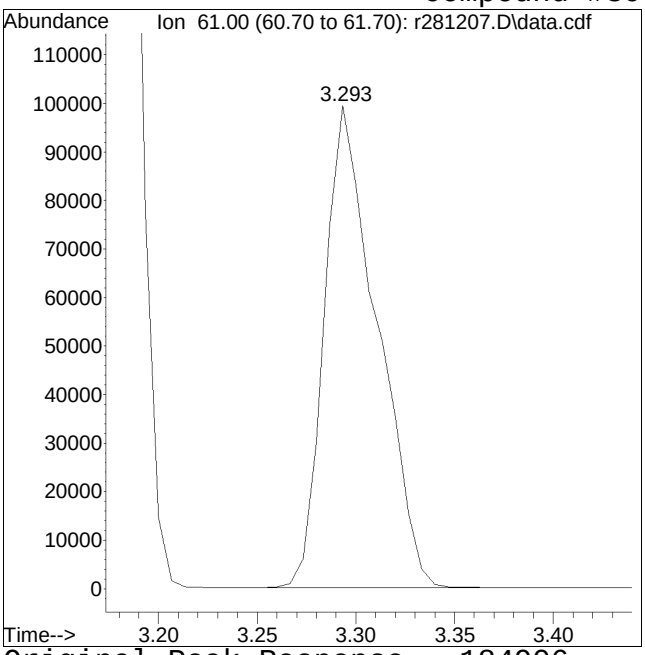
Manual Peak Response = 153392 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

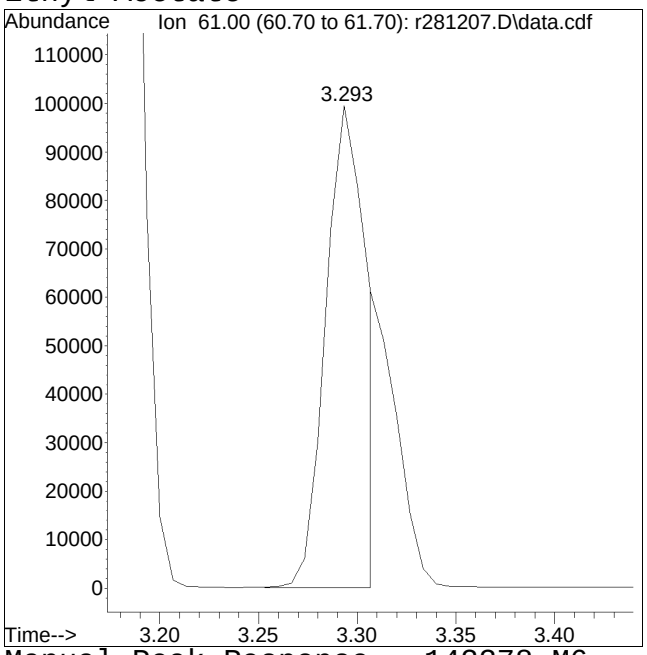
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281207.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 11:12 AM Instrument :
Sample : ITO15-SIMSTD020 Quant Date : 2/10/2026 2:18 pm

Compound #39: Ethyl Acetate



Original Peak Response = 184906



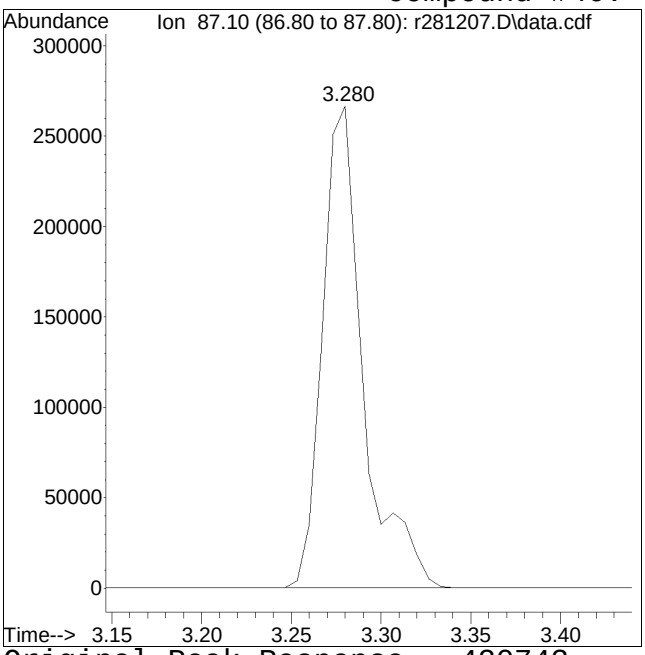
Manual Peak Response = 142378 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

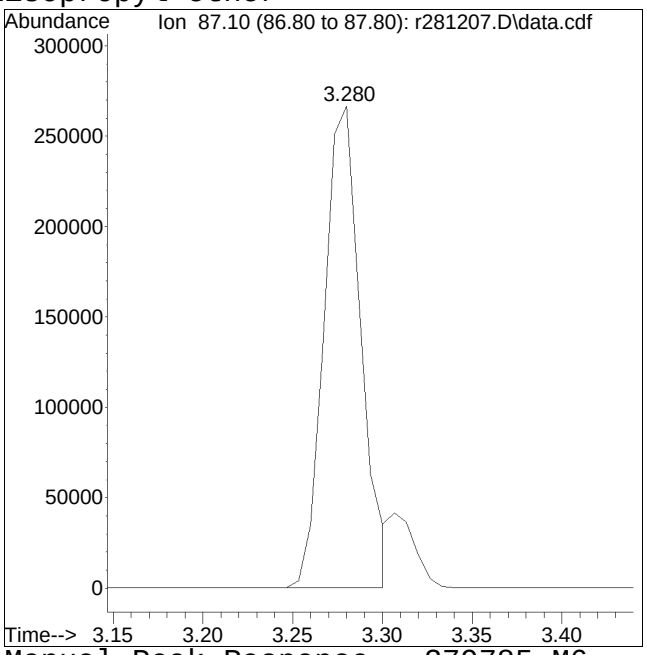
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281207.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 11:12 AM Instrument :
Sample : ITO15-SIMSTD020 Quant Date : 2/10/2026 2:18 pm

Compound #46: diisopropyl ether



Original Peak Response = 420743



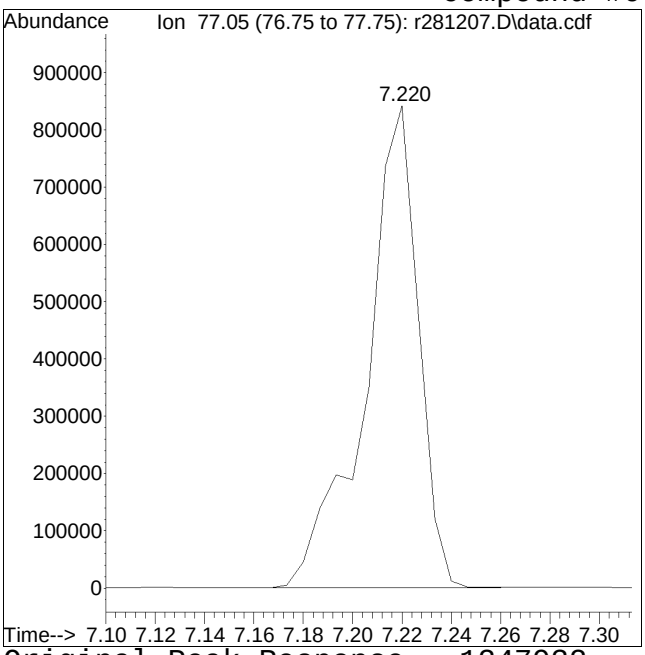
Manual Peak Response = 379785 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

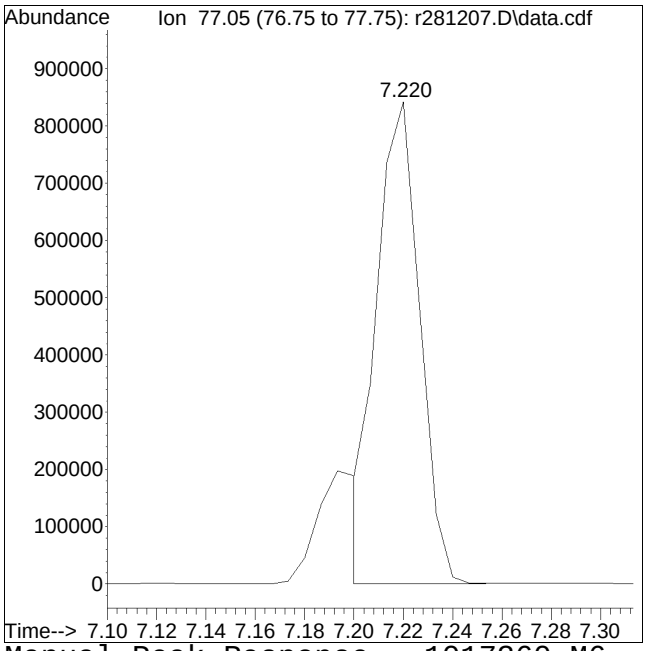
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281207.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 11:12 AM Instrument :
Sample : ITO15-SIMSTD020 Quant Date : 2/10/2026 2:18 pm

Compound #93: bromobenzene



Original Peak Response = 1247932



Manual Peak Response = 1017360 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281208.D
Acq On : 10 Feb 2026 11:45 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD050
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:19:07 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.247	49	202151	10.000	ppbV	0.00
Standard Area = 212058			Recovery =		95.33%	
44) 1,4-difluorobenzene	4.167	114	762361	10.000	ppbV	0.00
Standard Area = 795728			Recovery =		95.81%	
68) chlorobenzene-D5	6.347	54	80721	10.000	ppbV	0.00
Standard Area = 84172			Recovery =		95.90%	
System Monitoring Compounds						
48) 1,2-dichloroethane-D4	3.593	65	83789	9.539	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =		95.39%	
70) toluene-D8	5.400	98	614918	9.983	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =		99.83%	
91) bromofluorobenzene	7.120	95	351348	9.962	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =		99.62%	
Target Compounds						Qvalue
2) 1,1-difluoroethane	1.750	51	5825600	338.210	ppbV	95
3) chlorodifluoromethane	1.760	51	538638M6	37.822	ppbV	
4) propylene	1.770	41	599428	48.085	ppbV	98
5) propane	1.775	29	428208	41.984	ppbV	98
6) dichlorodifluoromethane	1.785	85	654628	49.857	ppbV	100
7) chloromethane	1.830	50	369758M6	44.976	ppbV	
8) Freon-114	1.855	85	921041	42.866	ppbV	99
9) methanol	1.865	31	869291	201.590	ppbV	97
10) vinyl chloride	1.885	62	515264	47.329	ppbV	100
11) 1,3-butadiene	1.920	54	417257	49.047	ppbV	99
12) butane	1.935	43	677809	46.499	ppbV	99
13) acetaldehyde	1.860	29	906888	204.682	ppbV	100
14) bromomethane	1.990	94	367542	46.527	ppbV	99
15) chloroethane	2.035	64	277616	46.394	ppbV	99
16) ethanol	2.060	31	1471196	244.693	ppbV	97
17) dichlorofluoromethane	2.055	67	789382	42.196	ppbV	99
18) vinyl bromide	2.126	106	439809	47.550	ppbV	99
19) acrolein	2.156	56	278029	48.869	ppbV	99
20) acetone	2.192	43	2140632	236.354	ppbV	97
21) acetonitrile	2.123	41	441004	47.128	ppbV	99
22) trichlorofluoromethane	2.240	101	584047	46.694	ppbV	100
23) isopropyl alcohol	2.258	45	1756761	133.648	ppbV	99
24) acrylonitrile	2.327	53	557665	54.049	ppbV	99

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281208.D
Acq On : 10 Feb 2026 11:45 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD050
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:19:07 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) pentane	2.345	43	981702	44.260	ppbV	99
26) ethyl ether	2.348	31	701436	46.019	ppbV	99
27) 1,1-dichloroethene	2.430	61	630087	49.445	ppbV	98
28) tertiary butyl alcohol	2.440	59	1006642	48.599	ppbV	99
29) methylene chloride	2.465	49	454358	47.869	ppbV	98
30) 3-chloropropene	2.505	41	634967	50.291	ppbV	99
31) carbon disulfide	2.555	76	1370896	47.561	ppbV	100
32) Freon 113	2.545	101	773842	42.988	ppbV	98
33) trans-1,2-dichloroethene	2.770	61	573694	49.264	ppbV	99
34) 1,1-dichloroethane	2.843	63	781312	47.628	ppbV	100
35) MTBE	2.863	73	1149213	48.949	ppbV	99
36) vinyl acetate	2.903	43	1044314	58.007	ppbV	99
37) 2-butanone	3.003	43	1503612	48.985	ppbV	100
38) cis-1,2-dichloroethene	3.180	61	961733	46.420	ppbV	100
39) Ethyl Acetate	3.293	61	345292M6	43.748	ppbV	
40) chloroform	3.307	83	1156464	44.349	ppbV	100
41) Tetrahydrofuran	3.480	42	842250	49.871	ppbV	100
42) 2,2-dichloropropane	3.313	77	921710	42.357	ppbV	98
43) 1,2-dichloroethane	3.640	62	634587	45.299	ppbV	98
45) hexane	3.267	57	1338408	45.441	ppbV	83
46) diisopropyl ether	3.273	87	879091M6	44.022	ppbV	
47) tert-butyl ethyl ether	3.520	59	2453698	43.119	ppbV	99
49) 1,1,1-trichloroethane	3.747	97	1044195	44.138	ppbV	99
50) 1,1-dichloropropene	3.900	75	1112584	45.329	ppbV	95
51) benzene	3.967	78	2955423	47.617	ppbV	98
52) thiophene	4.027	84	2034584	38.289	ppbV	97
53) carbon tetrachloride	4.033	117	863881	43.131	ppbV	99
54) cyclohexane	4.093	56	1528429	48.603	ppbV	98
55) tert-amyl methyl ether	4.280	73	2494093	44.584	ppbV	100
56) dibromomethane	4.360	93	657725	42.479	ppbV	96
57) 1,2-dichloropropane	4.380	63	915168	45.428	ppbV	99
58) bromodichloromethane	4.480	83	1192753	46.494	ppbV	99
59) 1,4-dioxane	4.507	88	640222	50.491	ppbV	81
60) trichloroethene	4.500	130	1150298	43.974	ppbV	98
61) 2,2,4-trimethylpentane	4.520	57	4214198	45.221	ppbV	99
62) methyl methacrylate	4.640	41	983370	46.599	ppbV	99
63) heptane	4.673	43	1418157	48.340	ppbV	98
64) cis-1,3-dichloropropene	4.960	75	1343966	48.549	ppbV	100
65) 4-methyl-2-pentanone	4.987	43	1626335	47.625	ppbV	99
66) trans-1,3-dichloropropene	5.240	75	953716	50.063	ppbV	99

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281208.D
Acq On : 10 Feb 2026 11:45 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD050
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:19:07 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67)	1,1,2-trichloroethane	5.313	97	1030382	46.479	ppbV	98
69)	toluene	5.447	91	3182507	43.851	ppbV	100
71)	2-methylthiophene	5.480	97	2609168	35.687	ppbV	99
72)	1,3-dichloropropane	5.473	76	1409186	42.902	ppbV	97
73)	2-hexanone	5.627	43	1607392	48.418	ppbV	100
74)	3-methylthiophene	5.573	97	2840861	37.620	ppbV	99
75)	dibromochloromethane	5.660	129	1265667	45.875	ppbV	98
76)	1,2-dibromoethane	5.780	107	1502076	46.326	ppbV	99
77)	butyl acetate	5.973	73	508929	46.890	ppbV	89
78)	octane	6.000	85	1354046	43.873	ppbV	96
79)	tetrachloroethene	6.020	166	1341908	43.456	ppbV	98
80)	1,1,1,2-tetrachloroethane	6.360	131	956808	37.868	ppbV	98
81)	chlorobenzene	6.367	112	2642794	41.219	ppbV	99
82)	ethylbenzene	6.567	91	3773865	42.144	ppbV	96
83)	2-ethylthiophene	6.587	97	2909761	35.443	ppbV	95
84)	m+p-xylene	6.660	91	5547517	77.711	ppbV	95
85)	bromoform	6.673	173	1040510	43.296	ppbV	99
86)	styrene	6.840	104	3156368	46.461	ppbV	99
87)	1,1,2,2-tetrachloroethane	6.900	83	2128767	44.555	ppbV	99
88)	o-xylene	6.887	91	2877214	40.126	ppbV	96
89)	1,2,3-trichloropropane	6.967	75	1699562	44.736	ppbV	98
90)	nonane	7.040	43	1976024	42.519	ppbV	94
92)	isopropylbenzene	7.193	105	4607187	40.621	ppbV	97
93)	bromobenzene	7.220	77	2276598M6	41.541	ppbV	
94)	2-chlorotoluene	7.427	126	1387464	44.691	ppbV	91
95)	n-propylbenzene	7.460	120	1543592	39.755	ppbV	95
96)	4-chlorotoluene	7.467	126	1267650	40.126	ppbV	65
97)	4-ethyl toluene	7.540	105	4620894	44.053	ppbV	98
98)	1,3,5-trimethylbenzene	7.587	105	3923988	41.831	ppbV	96
99)	tert-butylbenzene	7.793	119	3843585	37.705	ppbV	99
100)	1,2,4-trimethylbenzene	7.800	105	3466178	37.799	ppbV	93
101)	decane	7.893	57	2854284	38.526	ppbV	95
102)	Benzyl Chloride	7.873	91	2739139	41.586	ppbV	94
103)	1,3-dichlorobenzene	7.867	146	2497057	38.931	ppbV	98
104)	1,4-dichlorobenzene	7.907	146	2782282	42.053	ppbV	99
105)	sec-butylbenzene	7.947	105	5998237	41.288	ppbV	99
106)	1,2,3-trimethylbenzene	8.027	105	4149908	39.496	ppbV	94
107)	p-isopropyltoluene	8.040	119	5193355	39.665	ppbV	100
108)	1,2-dichlorobenzene	8.093	146	2773552	44.737	ppbV	97
109)	n-butylbenzene	8.287	91	4144856	41.458	ppbV	96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281208.D
Acq On : 10 Feb 2026 11:45 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD050
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:19:07 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

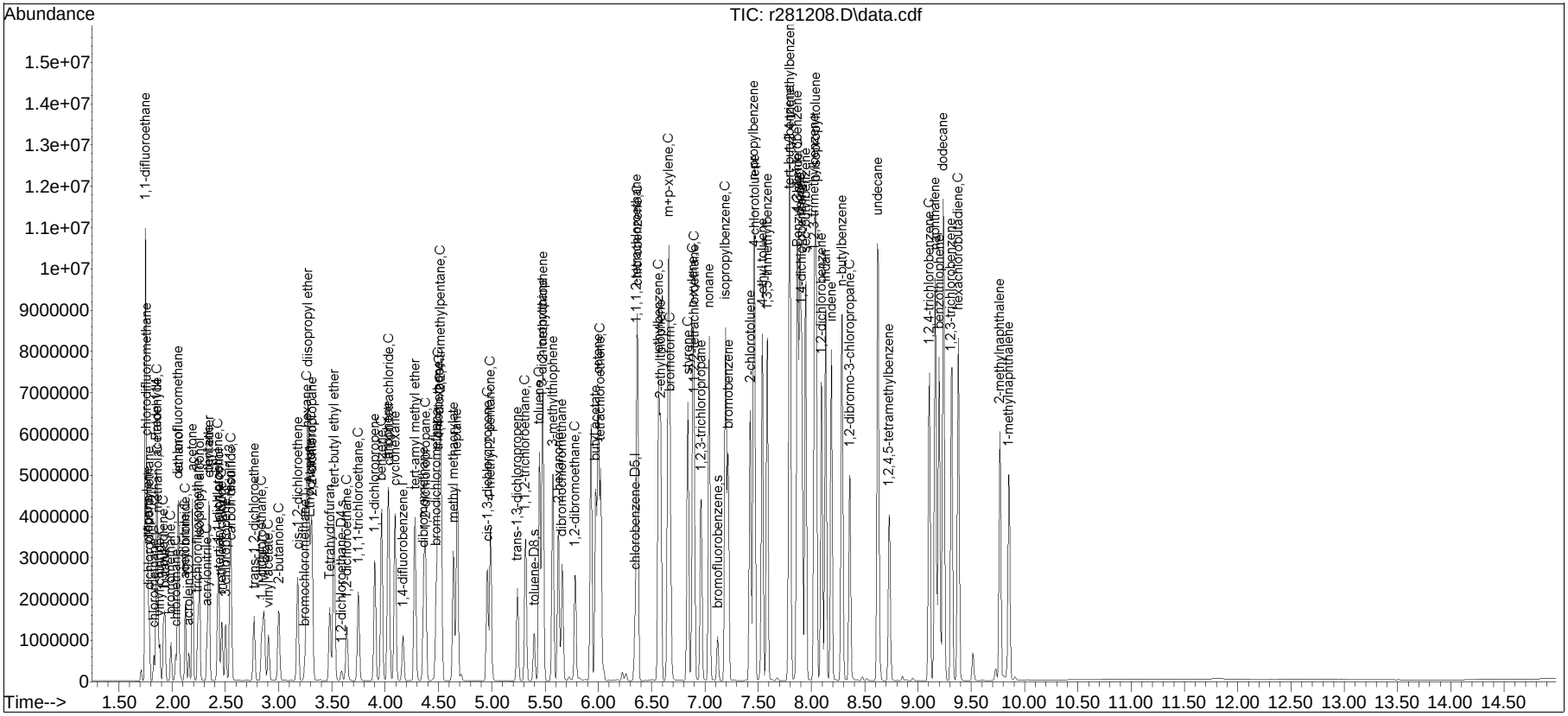
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indan	8.133	117	4043581	44.963	ppbV	98
111) indene	8.187	115	3430492	47.478	ppbV	99
112) 1,2-dibromo-3-chloropr...	8.360	75	939867	44.192	ppbV	92
113) undecane	8.620	57	3431850	38.460	ppbV	94
114) 1,2,4,5-tetramethylben...	8.727	119	2051775	38.169	ppbV	99
115) dodecane	9.235	57	3598553	35.037	ppbV	93
116) 1,2,4-trichlorobenzene	9.107	180	2195954	43.525	ppbV	98
117) naphthalene	9.160	128	6673178	41.791	ppbV	99
118) 1,2,3-trichlorobenzene	9.310	180	2342184	43.334	ppbV	94
119) benzothiophene	9.197	134	5209498	35.267	ppbV	99
120) hexachlorobutadiene	9.377	225	1563269	38.499	ppbV	99
121) 2-methylnaphthalene	9.768	142	2537948	36.596	ppbV	99
122) 1-methylnaphthalene	9.850	142	2274265	18.088	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\0210T_I\r281206.D

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281208.D
Acq On : 10 Feb 2026 11:45 AM
Operator : AIRLAB28:RAY
Sample : ITO15-SIMSTD050
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

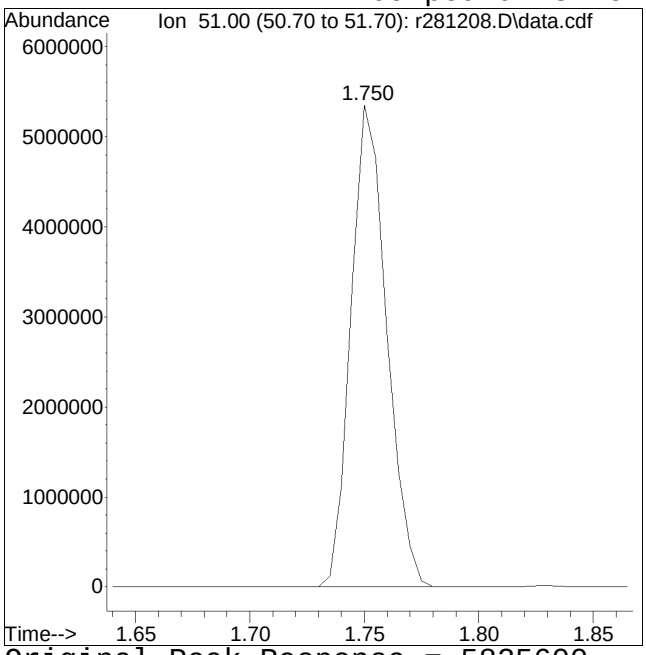
Quant Time: Feb 10 14:19:07 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration



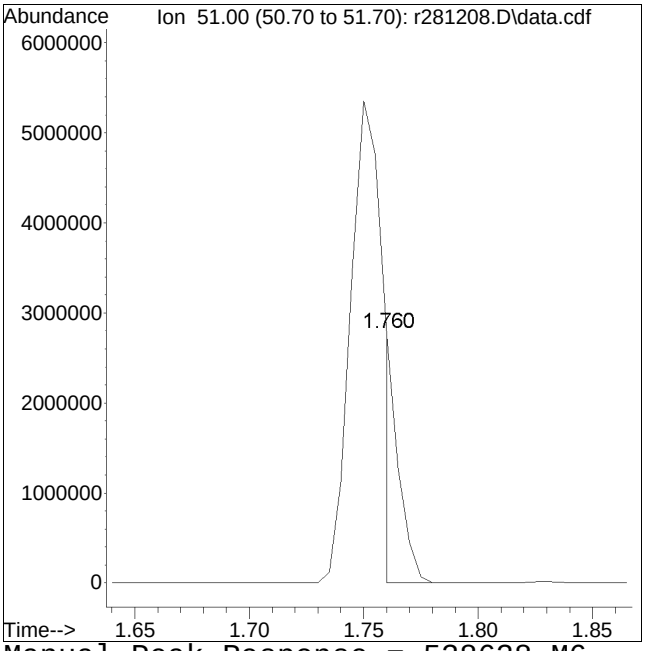
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281208.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 11:45 AM Instrument :
Sample : ITO15-SIMSTD050 Quant Date : 2/10/2026 2:19 pm

Compound #3: chlorodifluoromethane



Original Peak Response = 5825600



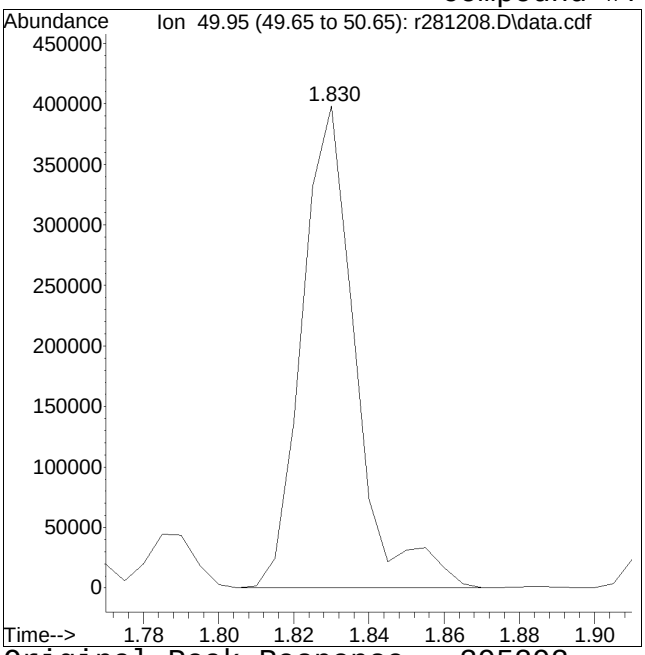
Manual Peak Response = 538638 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

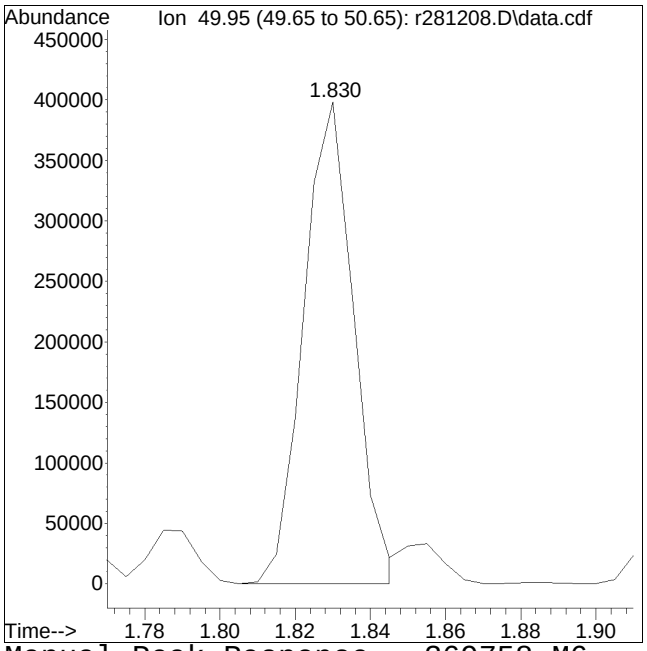
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281208.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 11:45 AM Instrument :
Sample : ITO15-SIMSTD050 Quant Date : 2/10/2026 2:19 pm

Compound #7: chloromethane



Original Peak Response = 395292



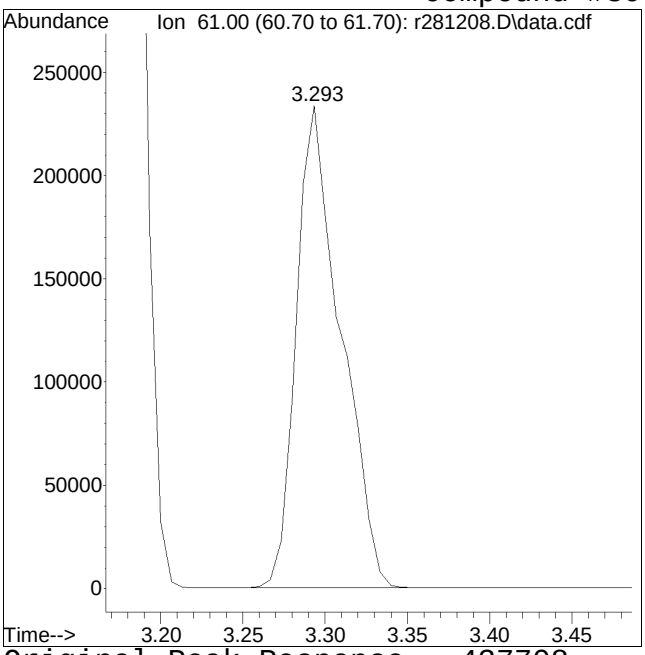
Manual Peak Response = 369758 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

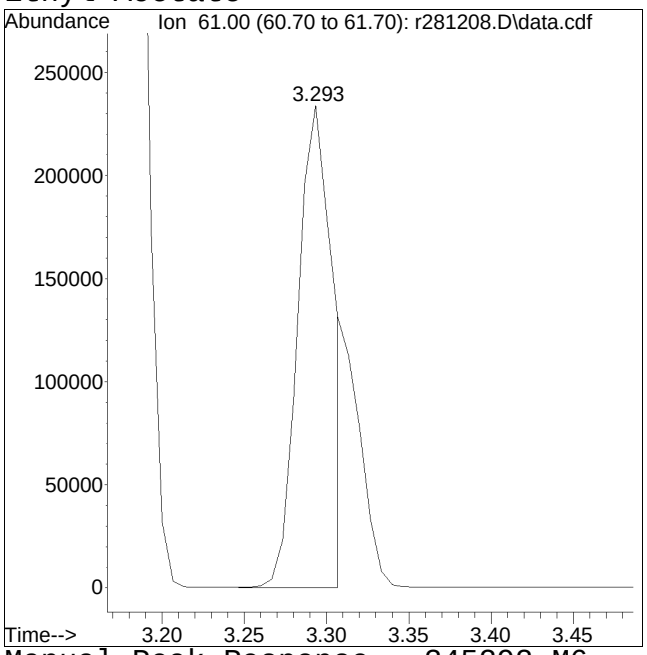
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281208.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 11:45 AM Instrument :
Sample : ITO15-SIMSTD050 Quant Date : 2/10/2026 2:19 pm

Compound #39: Ethyl Acetate



Original Peak Response = 437708



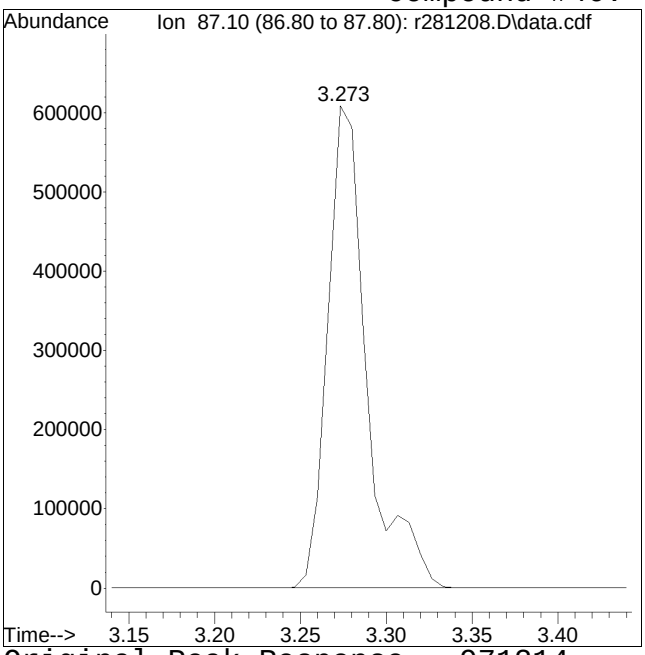
Manual Peak Response = 345292 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

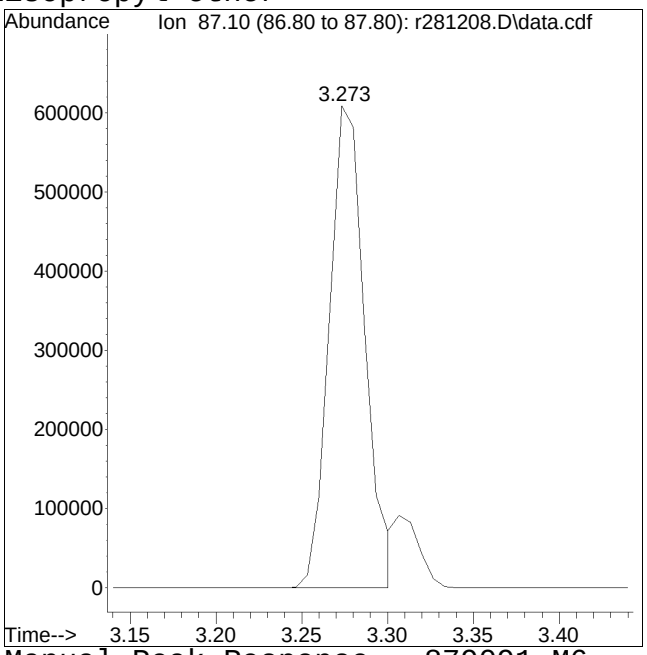
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281208.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 11:45 AM Instrument :
Sample : ITO15-SIMSTD050 Quant Date : 2/10/2026 2:19 pm

Compound #46: diisopropyl ether



Original Peak Response = 971214



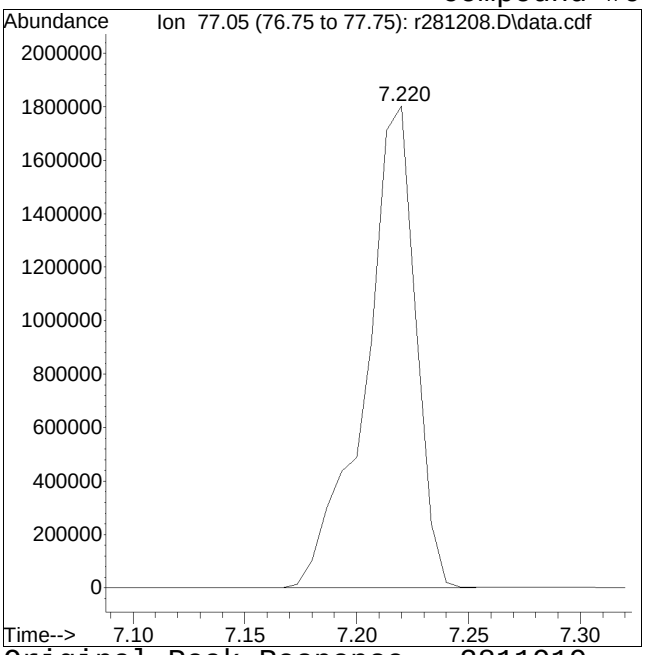
Manual Peak Response = 879091 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

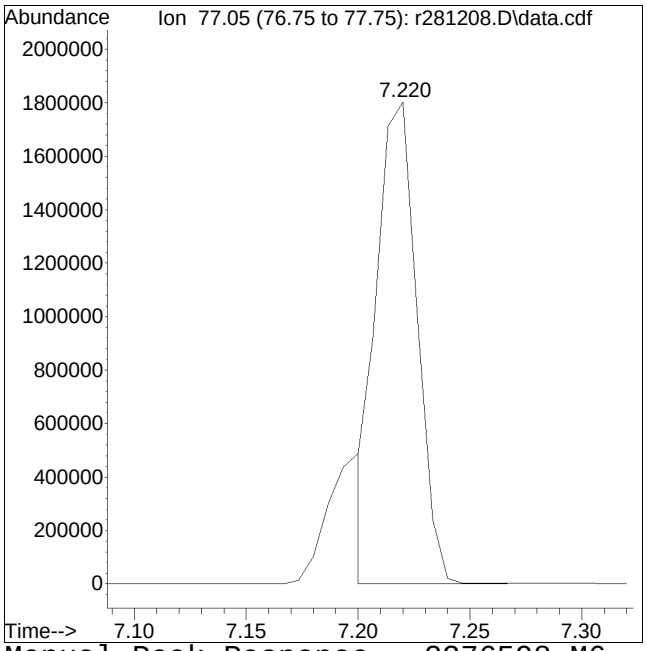
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281208.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 11:45 AM Instrument :
Sample : ITO15-SIMSTD050 Quant Date : 2/10/2026 2:19 pm

Compound #93: bromobenzene



Original Peak Response = 2811919



Manual Peak Response = 2276598 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281209.D
Acq On : 10 Feb 2026 12:20 PM
Operator : AIRLAB28:RAY
Sample : ITO15-LLSTD100
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:19:24 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.253	49	203178	10.000	ppbV	0.00
Standard Area = 212058			Recovery = 95.81%			
44) 1,4-difluorobenzene	4.167	114	781812	10.000	ppbV	0.00
Standard Area = 795728			Recovery = 98.25%			
68) chlorobenzene-D5	6.347	54	83323	10.000	ppbV	0.00
Standard Area = 84172			Recovery = 98.99%			
System Monitoring Compounds						
48) 1,2-dichloroethane-D4	3.593	65	81701	9.070	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.70%			
70) toluene-D8	5.400	98	626308	9.850	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.50%			
91) bromofluorobenzene	7.120	95	371267	10.198	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.98%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	1.755	51	8363996	483.124	ppbV	95
3) chlorodifluoromethane	1.760	51	1171003M6	81.809	ppbV	
4) propylene	1.770	41	1096424	87.508	ppbV	98
5) propane	1.775	29	762450	74.377	ppbV #	85
6) dichlorodifluoromethane	1.790	85	1016397	77.018	ppbV	99
7) chloromethane	1.830	50	693492M6	83.927	ppbV	
8) Freon-114	1.855	85	1585042	73.397	ppbV	99
9) methanol	1.865	31	1527358	352.407	ppbV	96
10) vinyl chloride	1.885	62	957391	87.496	ppbV	99
11) 1,3-butadiene	1.920	54	767947	89.813	ppbV	97
12) butane	1.935	43	1264291	86.294	ppbV	99
13) acetaldehyde	1.860	29	1591913	357.474	ppbV	95
14) bromomethane	1.990	94	663409	83.557	ppbV	99
15) chloroethane	2.035	64	544938	90.608	ppbV	100
16) ethanol	2.060	31	2474328	409.457	ppbV	94
17) dichlorofluoromethane	2.060	67	1386431	73.737	ppbV #	99
18) vinyl bromide	2.129	106	775153	83.383	ppbV	100
19) acrolein	2.159	56	525583	91.914	ppbV	99
20) acetone	2.192	43	3886013	426.898	ppbV	94
21) acetonitrile	2.123	41	818705	87.049	ppbV	99
22) trichlorofluoromethane	2.243	101	1067130	84.884	ppbV	100
23) isopropyl alcohol	2.261	45	3188382	241.334	ppbV	99
24) acrylonitrile	2.330	53	1001665	96.590	ppbV	99

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281209.D
Acq On : 10 Feb 2026 12:20 PM
Operator : AIRLAB28:RAY
Sample : ITO15-LLSTD100
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:19:24 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) pentane	2.345	43	1546768	69.384	ppbV		98
26) ethyl ether	2.351	31	1228756	80.207	ppbV		98
27) 1,1-dichloroethene	2.430	61	1044547	81.555	ppbV		99
28) tertiary butyl alcohol	2.440	59	1824584	87.643	ppbV		99
29) methylene chloride	2.470	49	851708	89.278	ppbV		99
30) 3-chloropropene	2.505	41	1200030	94.565	ppbV		99
31) carbon disulfide	2.560	76	2827537	97.601	ppbV		100
32) Freon 113	2.545	101	1332372	73.641	ppbV		98
33) trans-1,2-dichloroethene	2.770	61	1056171	90.237	ppbV		99
34) 1,1-dichloroethane	2.843	63	1445405	87.665	ppbV		100
35) MTBE	2.863	73	2145130	90.907	ppbV		99
36) vinyl acetate	2.910	43	2058959	113.788	ppbV		100
37) 2-butanone	3.003	43	2848579	92.333	ppbV		99
38) cis-1,2-dichloroethene	3.180	61	1752521	84.161	ppbV		96
39) Ethyl Acetate	3.293	61	683728M6	86.190	ppbV		
40) chloroform	3.313	83	1989525	75.910	ppbV		100
41) Tetrahydrofuran	3.480	42	1609436	94.815	ppbV		99
42) 2,2-dichloropropane	3.313	77	1558891	71.277	ppbV		97
43) 1,2-dichloroethane	3.640	62	1130282	80.275	ppbV		96
45) hexane	3.273	57	2252752	74.581	ppbV		96
46) diisopropyl ether	3.280	87	1505170M6	73.498	ppbV		
47) tert-butyl ethyl ether	3.520	59	4358984	74.694	ppbV		97
49) 1,1,1-trichloroethane	3.753	97	1717184	70.780	ppbV		96
50) 1,1-dichloropropene	3.907	75	2042795	81.157	ppbV		96
51) benzene	3.967	78	5394943	84.759	ppbV		97
52) thiophene	4.027	84	3621427	66.456	ppbV		95
53) carbon tetrachloride	4.040	117	1468252	71.481	ppbV		99
54) cyclohexane	4.093	56	2750545	85.289	ppbV		95
55) tert-amyl methyl ether	4.280	73	4566027	79.591	ppbV		99
56) dibromomethane	4.367	93	1109347	69.865	ppbV		97
57) 1,2-dichloropropane	4.380	63	1628169	78.810	ppbV		99
58) bromodichloromethane	4.480	83	2161540	82.162	ppbV		99
59) 1,4-dioxane	4.507	88	1051801	80.886	ppbV	#	76
60) trichloroethene	4.500	130	1933479	72.074	ppbV		96
61) 2,2,4-trimethylpentane	4.527	57	7200734	75.346	ppbV		98
62) methyl methacrylate	4.640	41	1808102	83.549	ppbV		97
63) heptane	4.680	43	2575693	85.612	ppbV		98
64) cis-1,3-dichloropropene	4.960	75	2513154	88.527	ppbV		98
65) 4-methyl-2-pentanone	4.993	43	3013377	86.047	ppbV		99
66) trans-1,3-dichloropropene	5.247	75	1799330	92.102	ppbV		100

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281209.D
Acq On : 10 Feb 2026 12:20 PM
Operator : AIRLAB28:RAY
Sample : ITO15-LLSTD100
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:19:24 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67)	1,1,2-trichloroethane	5.320	97	1837760	80.837	ppbV		96
69)	toluene	5.453	91	5568802	74.335	ppbV		100
71)	2-methylthiophene	5.480	97	4302754	57.014	ppbV		98
72)	1,3-dichloropropane	5.480	76	2384517	70.328	ppbV		98
73)	2-hexanone	5.627	43	2923904	85.323	ppbV		99
74)	3-methylthiophene	5.573	97	4933663	63.293	ppbV		98
75)	dibromochloromethane	5.667	129	2247471	78.918	ppbV		99
76)	1,2-dibromoethane	5.787	107	2689698	80.364	ppbV		99
77)	butyl acetate	5.980	73	928458	82.872	ppbV		92
78)	octane	6.000	85	2367386	74.312	ppbV		93
79)	tetrachloroethene	6.027	166	2258851	70.866	ppbV		99
80)	1,1,1,2-tetrachloroethane	6.367	131	1517671	58.189	ppbV		98
81)	chlorobenzene	6.367	112	4279153	64.656	ppbV		98
82)	ethylbenzene	6.567	91	6372031	68.936	ppbV		93
83)	2-ethylthiophene	6.587	97	4798260	56.622	ppbV		90
84)	m+p-xylene	6.667	91	8711509	118.223	ppbV		95
85)	bromoform	6.680	173	1703668	68.676	ppbV		99
86)	styrene	6.840	104	5452023	77.747	ppbV		98
87)	1,1,2,2-tetrachloroethane	6.900	83	3540037	71.780	ppbV		99
88)	o-xylene	6.887	91	4611898	62.309	ppbV		93
89)	1,2,3-trichloropropane	6.967	75	3058855	78.001	ppbV		99
90)	nonane	7.047	43	3386831	70.601	ppbV		90
92)	isopropylbenzene	7.193	105	7387921	63.105	ppbV		93
93)	bromobenzene	7.220	77	4041958M6	71.450	ppbV		
94)	2-chlorotoluene	7.427	126	2417385	75.433	ppbV		82
95)	n-propylbenzene	7.460	120	2535040	63.251	ppbV	#	54
96)	4-chlorotoluene	7.473	126	2159738	66.229	ppbV	#	33
97)	4-ethyl toluene	7.540	105	7620584	70.381	ppbV		94
98)	1,3,5-trimethylbenzene	7.587	105	6499864	67.127	ppbV		91
99)	tert-butylbenzene	7.793	119	6123677	58.196	ppbV		97
100)	1,2,4-trimethylbenzene	7.807	105	5251458	55.479	ppbV	#	88
101)	decane	7.893	57	4533904	59.286	ppbV		92
102)	Benzyl Chloride	7.873	91	4442554	65.341	ppbV		90
103)	1,3-dichlorobenzene	7.867	146	3926181	59.301	ppbV		97
104)	1,4-dichlorobenzene	7.913	146	4416056	64.662	ppbV		96
105)	sec-butylbenzene	7.947	105	9221568	61.494	ppbV		90
106)	1,2,3-trimethylbenzene	8.033	105	6749358	62.230	ppbV		90
107)	p-isopropyltoluene	8.047	119	8310947	61.493	ppbV		97
108)	1,2-dichlorobenzene	8.100	146	4771556	74.561	ppbV		99
109)	n-butylbenzene	8.287	91	7032724	68.147	ppbV		94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281209.D
Acq On : 10 Feb 2026 12:20 PM
Operator : AIRLAB28:RAY
Sample : ITO15-LLSTD100
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 10 14:19:24 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default - All compounds listed

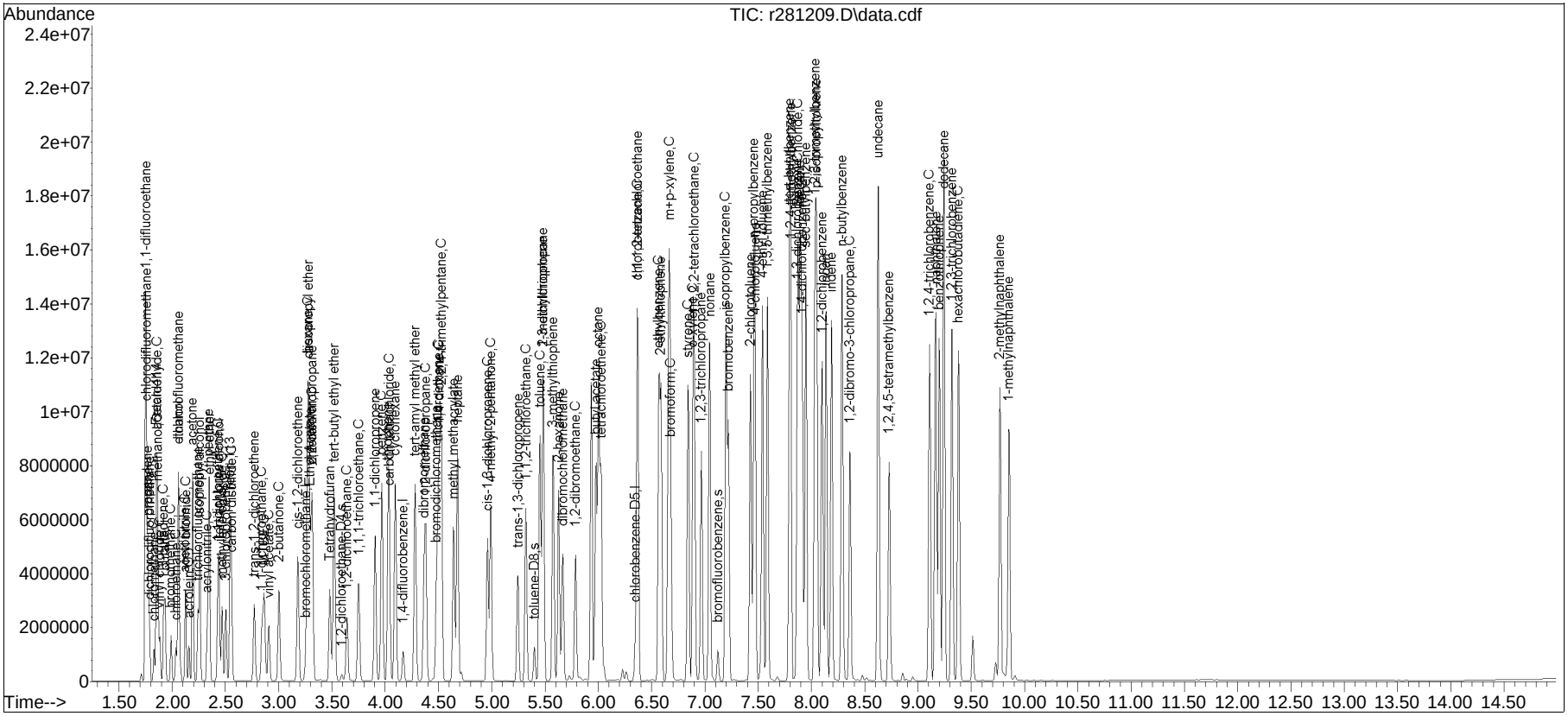
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indan	8.133	117	6804618	73.302	ppbV		98
111) indene	8.187	115	6080935	81.532	ppbV		99
112) 1,2-dibromo-3-chloropr...	8.360	75	1632292	74.353	ppbV		90
113) undecane	8.627	57	5618436	60.999	ppbV		91
114) 1,2,4,5-tetramethylben...	8.727	119	4031344	72.653	ppbV		99
115) dodecane	9.242	57	5821050	54.906	ppbV		88
116) 1,2,4-trichlorobenzene	9.107	180	3814618	73.247	ppbV		96
117) naphthalene	9.168	128	9484914	57.544	ppbV	#	96
118) 1,2,3-trichlorobenzene	9.318	180	3907263	70.032	ppbV		96
119) benzothiophene	9.197	134	8667262	56.843	ppbV		99
120) hexachlorobutadiene	9.377	225	2431397	58.009	ppbV		97
121) 2-methylnaphthalene	9.768	142	4769021	66.619	ppbV		100
122) 1-methylnaphthalene	9.850	142	4368577	33.660	ppbV		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\0210T_I\r281206.D

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281209.D
Acq On : 10 Feb 2026 12:20 PM
Operator : AIRLAB28:RAY
Sample : ITO15-LLSTD100
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

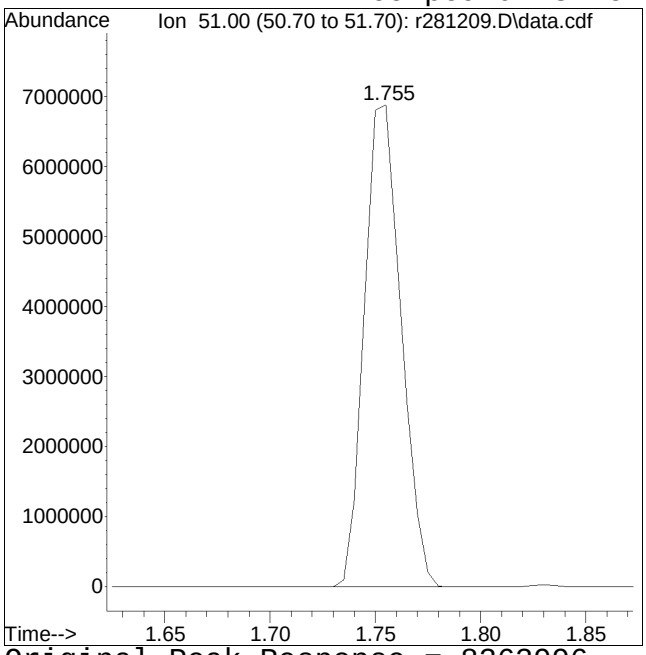
Quant Time: Feb 10 14:19:24 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Feb 10 14:16:37 2026
Response via : Initial Calibration



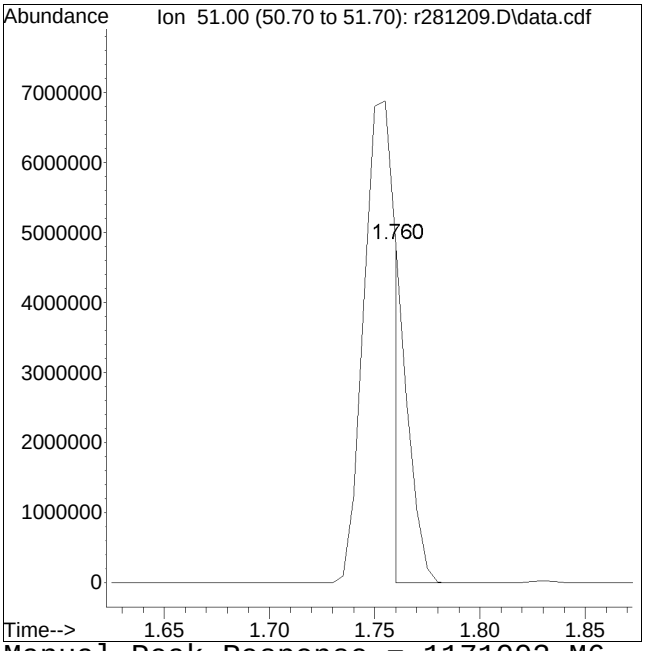
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281209.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 12:20 PM Instrument :
Sample : ITO15-LLSTD100 Quant Date : 2/10/2026 2:19 pm

Compound #3: chlorodifluoromethane



Original Peak Response = 8363996



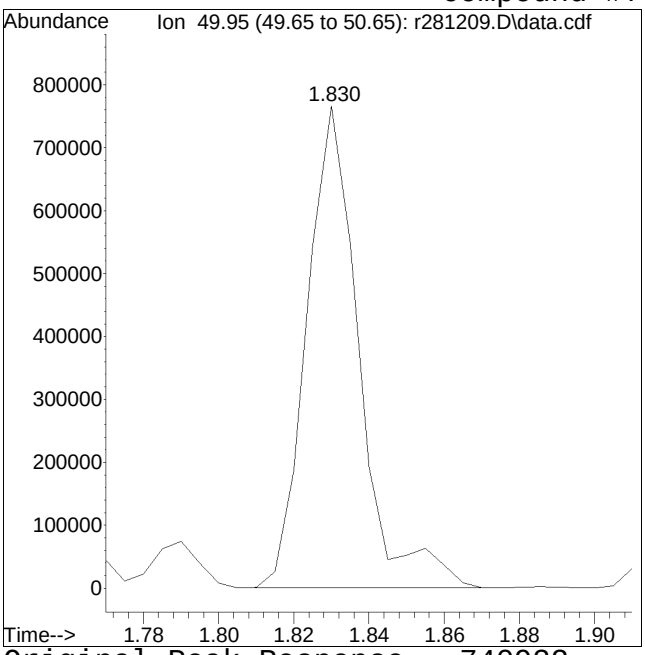
Manual Peak Response = 1171003 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

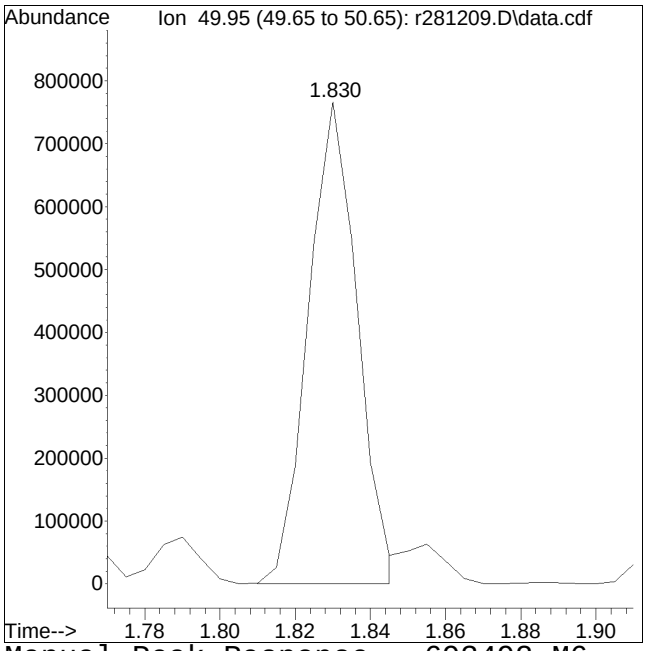
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281209.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 12:20 PM Instrument :
Sample : ITO15-LLSTD100 Quant Date : 2/10/2026 2:19 pm

Compound #7: chloromethane



Original Peak Response = 740922



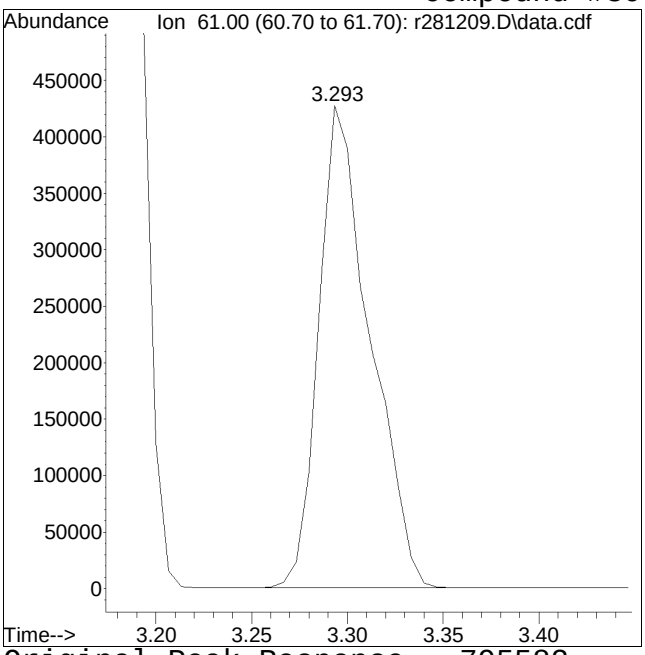
Manual Peak Response = 693492 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

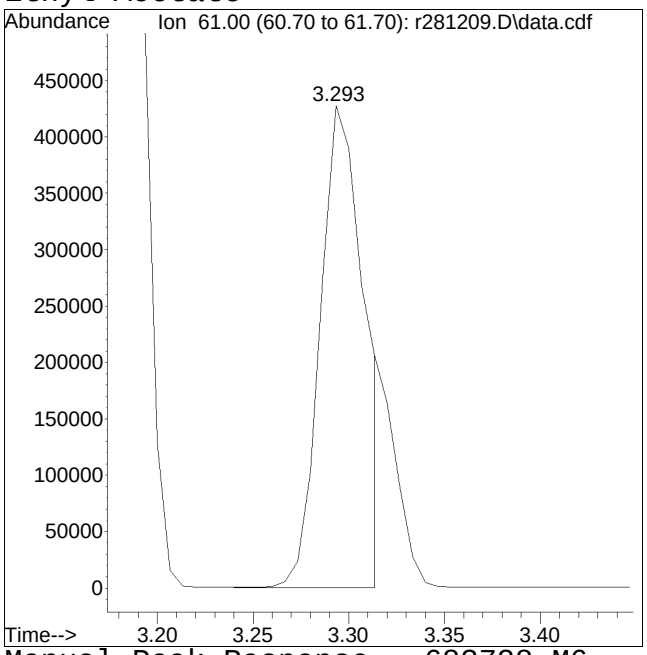
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281209.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 12:20 PM Instrument :
Sample : ITO15-LLSTD100 Quant Date : 2/10/2026 2:19 pm

Compound #39: Ethyl Acetate



Original Peak Response = 795582



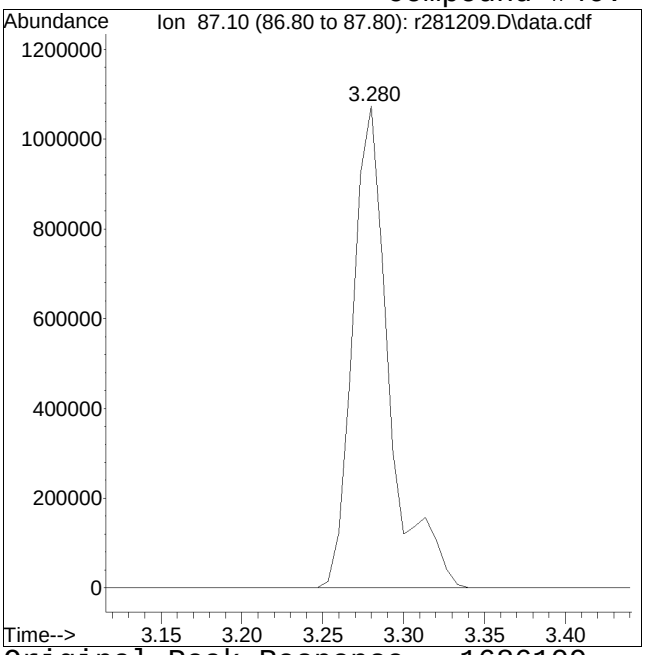
Manual Peak Response = 683728 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

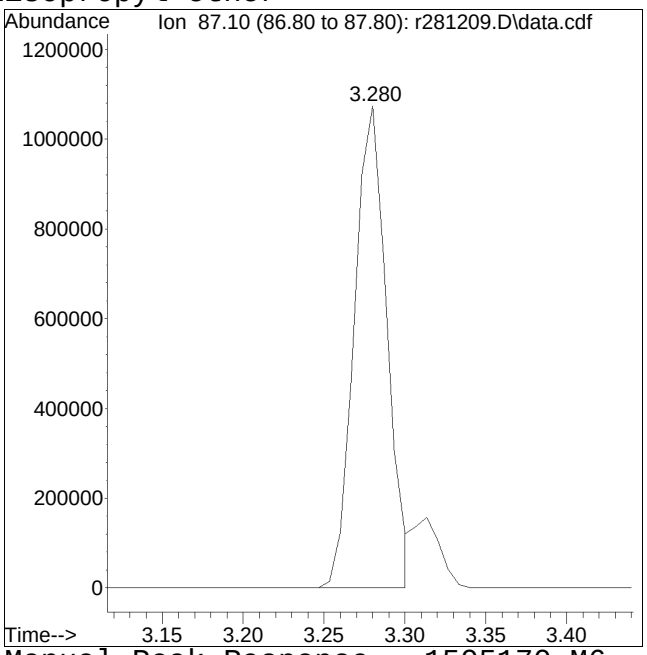
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281209.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 12:20 PM Instrument :
Sample : ITO15-LLSTD100 Quant Date : 2/10/2026 2:19 pm

Compound #46: diisopropyl ether



Original Peak Response = 1686109



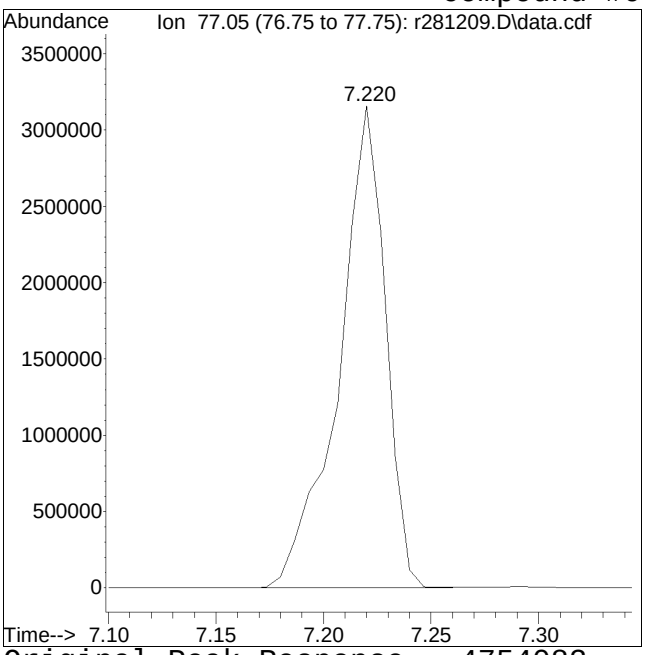
Manual Peak Response = 1505170 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

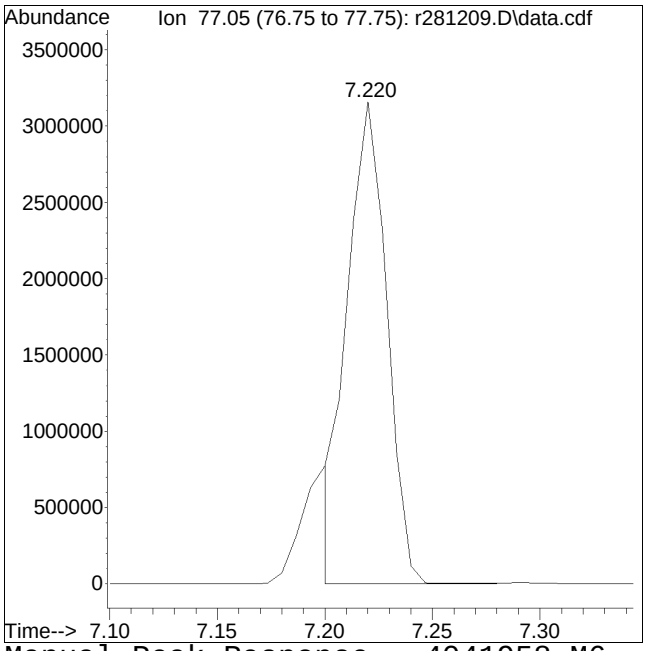
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281209.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 12:20 PM Instrument :
Sample : ITO15-LLSTD100 Quant Date : 2/10/2026 2:19 pm

Compound #93: bromobenzene



Original Peak Response = 4754083



Manual Peak Response = 4041958 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281212.D
Acq On : 10 Feb 2026 4:04 PM
Operator : AIRLAB28:RAY
Sample : CTO15-LLSTD010
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 11 08:36:12 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	90	0.00
3		chlorodifluoromethane	0.672	0.979	-45.7#	125	0.00
4		propylene	0.651	0.668	-2.6	97	0.00
5		propane	0.481	0.501	-4.2	89	0.00
6		dichlorodifluoromethane	0.719	0.725	-0.8	100	0.00
7	C	chloromethane	0.397	0.395	0.5	94	0.00
8		Freon-114	1.085	1.150	-6.0	97	0.00
9	C	methanol	0.199	0.170	14.6	72	0.00
10	C	vinyl chloride	0.563	0.578	-2.7	96	0.00
11	C	1,3-butadiene	0.445	0.489	-9.9	104	0.00
12		butane	0.743	0.703	5.4	88	0.00
14	C	bromomethane	0.412	0.460	-11.7	106	0.00
15	C	chloroethane	0.294	0.294	0.0	89	0.00
16		ethanol	0.306	0.280	8.5	85	0.00
17		dichlorofluoromethane	0.927	0.825	11.0	80	0.00
18	C	vinyl bromide	0.485	0.529	-9.1	104	0.00
19	C	acrolein	0.285	0.247	13.3	79	0.00
20		acetone	0.481	0.496	-3.1	99	0.00
21	C	acetonitrile	0.488	0.432	11.5	84	0.00
22		trichlorofluoromethane	0.638	0.659	-3.3	96	0.00
23		isopropyl alcohol	0.827	0.685	17.2	95	0.00
24	C	acrylonitrile	0.530	0.550	-3.8	97	0.00
25		pentane	1.004	1.062	-5.8	87	0.00
26		ethyl ether	0.719	0.772	-7.4	92	0.00
27	C	1,1-dichloroethene	0.657	0.751	-14.3	107	0.00
28		tertiary butyl alcohol	1.060	0.956	9.8	84	0.00
29	C	methylene chloride	0.477	0.514	-7.8	98	0.00
30	C	3-chloropropene	0.669	0.721	-7.8	104	0.00
31	C	carbon disulfide	1.513	1.632	-7.9	103	0.00
32		Freon 113	0.883	0.968	-9.6	98	0.00
33		trans-1,2-dichloroethene	0.607	0.676	-11.4	105	0.00
34	C	1,1-dichloroethane	0.831	0.875	-5.3	97	0.00
35	C	MTBE	1.233	1.337	-8.4	103	0.00
36	C	vinyl acetate	0.906	0.645	28.8	65	0.00
37	C	2-butanone	1.584	1.602	-1.1	95	0.00
38		cis-1,2-dichloroethene	1.068	1.068	0.0	94	0.00
39		Ethyl Acetate	0.357	0.395	-10.6	91	0.00
40	C	chloroform	1.316	1.355	-3.0	94	0.00
41		Tetrahydrofuran	0.873	1.004	-15.0	108	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281212.D
Acq On : 10 Feb 2026 4:04 PM
Operator : AIRLAB28:RAY
Sample : CTO15-LLSTD010
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 11 08:36:12 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42		2,2-dichloropropane	1.054	0.987	6.4	82	0.00
43	C	1,2-dichloroethane	0.709	0.656	7.5	85	0.00
44	I	1,4-difluorobenzene	1.000	1.000	0.0	91	0.00
45	C	hexane	0.445	0.461	-3.6	108	0.00
46		diisopropyl ether	0.277	0.260	6.1	90	0.00
47		tert-butyl ethyl ether	0.732	0.687	6.1	83	0.00
48	s	1,2-dichloroethane-D4	0.113	0.108	4.4	85	0.00
49	C	1,1,1-trichloroethane	0.290	0.279	3.8	81	0.00
50		1,1-dichloropropene	0.318	0.314	1.3	88	0.00
51	C	benzene	0.833	0.860	-3.2	96	0.00
53	C	carbon tetrachloride	0.263	0.270	-2.7	93	0.00
54		cyclohexane	0.429	0.470	-9.6	103	0.00
55		tert-amyl methyl ether	0.721	0.696	3.5	86	0.00
56		dibromomethane	0.199	0.193	3.0	86	0.00
57	C	1,2-dichloropropane	0.266	0.275	-3.4	94	0.00
58		bromodichloromethane	0.342	0.373	-9.1	100	0.00
59	C	1,4-dioxane	0.181	0.185	-2.2	101	0.00
60	C	trichloroethene	0.352	0.365	-3.7	96	0.00
61	C	2,2,4-trimethylpentane	1.257	1.405	-11.8	104	0.00
62		methyl methacrylate	0.274	0.257	6.2	84	0.00
63		heptane	0.401	0.440	-9.7	104	0.00
64	C	cis-1,3-dichloropropene	0.373	0.449	-20.4	112	0.00
65	C	4-methyl-2-pentanone	0.448	0.488	-8.9	99	0.00
66		trans-1,3-dichloropropene	0.258	0.314	-21.7	114	0.00
67	C	1,1,2-trichloroethane	0.292	0.308	-5.5	96	0.00
68	I	chlorobenzene-D5	1.000	1.000	0.0	89	0.00
69	C	toluene	9.110	9.651	-5.9	96	0.00
70	s	toluene-D8	7.758	7.764	-0.1	91	0.00
72		1,3-dichloropropane	4.024	3.932	2.3	86	0.00
73		2-hexanone	4.256	4.325	-1.6	94	0.00
75		dibromochloromethane	3.573	3.955	-10.7	103	0.00
76	C	1,2-dibromoethane	4.093	4.449	-8.7	99	0.00
77		butyl acetate	1.350	1.299	3.8	86	0.00
78		octane	3.827	3.727	2.6	87	0.00
79	C	tetrachloroethene	3.850	4.083	-6.1	95	0.00
80		1,1,1,2-tetrachloroethane	3.049	2.888	5.3	82	0.00
81	C	chlorobenzene	7.845	8.417	-7.3	94	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281212.D
Acq On : 10 Feb 2026 4:04 PM
Operator : AIRLAB28:RAY
Sample : CTO15-LLSTD010
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 11 08:36:12 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
82	C	ethylbenzene	10.973	11.561	-5.4	93	0.00
84	C	m+p-xylene	8.734	9.439	-8.1	95	0.00
85	C	bromoform	2.996	3.526	-17.7	106	0.00
86	C	styrene	8.465	9.306	-9.9	99	0.00
87	C	1,1,2,2-tetrachloroethane	5.854	6.511	-11.2	98	0.00
88	C	o-xylene	8.763	9.300	-6.1	93	0.00
89		1,2,3-trichloropropane	4.576	4.475	2.2	85	0.00
90		nonane	5.548	5.527	0.4	86	0.00
91	s	bromofluorobenzene	4.363	4.260	2.4	87	0.00
92	C	isopropylbenzene	13.249	13.268	-0.1	84	0.00
93		bromobenzene	6.708	6.647	0.9	87	0.00
94		2-chlorotoluene	3.733	3.766	-0.9	87	0.00
95		n-propylbenzene	4.525	4.514	0.2	84	0.00
96		4-chlorotoluene	3.679	3.607	2.0	82	0.00
97		4-ethyl toluene	12.828	14.458	-12.7	99	0.00
98		1,3,5-trimethylbenzene	11.117	12.634	-13.6	97	0.00
99		tert-butylbenzene	11.740	12.264	-4.5	87	0.00
100		1,2,4-trimethylbenzene	10.776	12.744	-18.3	100	0.00
101		decane	8.437	8.808	-4.4	86	0.00
102	C	Benzyl Chloride	8.006	7.493	6.4	82	0.00
103		1,3-dichlorobenzene	7.437	8.798	-18.3	99	0.00
104	C	1,4-dichlorobenzene	7.685	8.854	-15.2	96	0.00
105		sec-butylbenzene	16.821	17.418	-3.5	86	0.00
107		p-isopropyltoluene	14.884	15.598	-4.8	86	0.00
108		1,2-dichlorobenzene	7.376	8.410	-14.0	98	0.00
109		n-butylbenzene	11.283	12.499	-10.8	90	0.00
112	C	1,2-dibromo-3-chloropropane	2.362	2.480	-5.0	84	0.00
113		undecane	9.569	11.164	-16.7	90	0.00
115		dodecane	9.889	13.780	-39.3#	97	0.00
116	C	1,2,4-trichlorobenzene	5.365	7.348	-37.0#	105	0.00
117		naphthalene	16.840	20.345	-20.8	92	0.00
118		1,2,3-trichlorobenzene	5.499	7.198	-30.9#	96	0.00
120	C	hexachlorobutadiene	4.258	5.843	-37.2#	104	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 2

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281212.D
Acq On : 10 Feb 2026 4:04 PM
Operator : AIRLAB28:RAY
Sample : CTO15-LLSTD010
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 11 08:36:12 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.253	49	190377	10.000	ppbV	0.00
Standard Area = 212058			Recovery = 89.78%			
44) 1,4-difluorobenzene	4.173	114	720785	10.000	ppbV	0.00
Standard Area = 795728			Recovery = 90.58%			
68) chlorobenzene-D5	6.353	54	75010	10.000	ppbV	0.00
Standard Area = 84172			Recovery = 89.12%			
System Monitoring Compounds						
48) 1,2-dichloroethane-D4	3.593	65	77536	9.505	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.05%			
70) toluene-D8	5.400	98	582388	10.008	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.08%			
91) bromofluorobenzene	7.127	95	319563	9.764	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.64%			
Target Compounds						Qvalue
3) chlorodifluoromethane	1.765	51	186430M3	14.571	ppbV	
4) propylene	1.775	41	127192	10.263	ppbV	98
5) propane	1.780	29	95373	10.424	ppbV #	88
6) dichlorodifluoromethane	1.790	85	137933	10.074	ppbV	99
7) chloromethane	1.830	50	75234M6	9.958	ppbV	
8) Freon-114	1.855	85	218977	10.602	ppbV	97
9) methanol	1.870	31	161863	42.826	ppbV #	73
10) vinyl chloride	1.890	62	110087	10.266	ppbV	99
11) 1,3-butadiene	1.925	54	93173	10.988	ppbV	99
12) butane	1.935	43	133816	9.462	ppbV	100
14) bromomethane	1.995	94	87551	11.165	ppbV	99
15) chloroethane	2.040	64	56021	9.999	ppbV	99
16) ethanol	2.060	31	266824	45.868	ppbV	98
17) dichlorofluoromethane	2.060	67	157121	8.906	ppbV	100
18) vinyl bromide	2.132	106	100735	10.899	ppbV	100
19) acrolein	2.162	56	47102	8.680	ppbV	99
20) acetone	2.198	43	472053	51.529	ppbV	99
21) acetonitrile	2.126	41	82232	8.858	ppbV	99
22) trichlorofluoromethane	2.246	101	125411	10.320	ppbV	100
23) isopropyl alcohol	2.261	45	326183	20.725	ppbV	100
24) acrylonitrile	2.333	53	104647	10.367	ppbV	98
25) pentane	2.348	43	202134	10.574	ppbV	100
26) ethyl ether	2.354	31	147030	10.747	ppbV	99

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281212.D
Acq On : 10 Feb 2026 4:04 PM
Operator : AIRLAB28:RAY
Sample : CTO15-LLSTD010
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 11 08:36:12 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,1-dichloroethene	2.435	61	142927	11.423	ppbV		97
28) tertiary butyl alcohol	2.445	59	182068	9.024	ppbV		100
29) methylene chloride	2.470	49	97931	10.776	ppbV		99
30) 3-chloropropene	2.505	41	137311	10.783	ppbV		99
31) carbon disulfide	2.560	76	310616	10.784	ppbV		100
32) Freon 113	2.550	101	184283	10.958	ppbV		99
33) trans-1,2-dichloroethene	2.777	61	128787	11.137	ppbV		96
34) 1,1-dichloroethane	2.850	63	166519	10.522	ppbV		99
35) MTBE	2.870	73	254518	10.845	ppbV		99
36) vinyl acetate	2.910	43	122820	7.123	ppbV		99
37) 2-butanone	3.010	43	304929	10.113	ppbV		100
38) cis-1,2-dichloroethene	3.187	61	203372	10.002	ppbV		99
39) Ethyl Acetate	3.300	61	75234M6	11.076	ppbV		
40) chloroform	3.313	83	258018	10.300	ppbV		100
41) Tetrahydrofuran	3.487	42	191232	11.502	ppbV		99
42) 2,2-dichloropropane	3.320	77	187982	9.369	ppbV		99
43) 1,2-dichloroethane	3.647	62	124797	9.240	ppbV		97
45) hexane	3.273	57	332112	10.348	ppbV	#	76
46) diisopropyl ether	3.280	87	187054M6	9.385	ppbV		
47) tert-butyl ethyl ether	3.527	59	495003	9.386	ppbV		100
49) 1,1,1-trichloroethane	3.753	97	200946	9.629	ppbV		99
50) 1,1-dichloropropene	3.907	75	226416	9.881	ppbV		96
51) benzene	3.973	78	619857	10.325	ppbV		100
53) carbon tetrachloride	4.040	117	194785	10.260	ppbV	#	98
54) cyclohexane	4.100	56	338654	10.946	ppbV		99
55) tert-amyl methyl ether	4.287	73	501638	9.652	ppbV		100
56) dibromomethane	4.367	93	139277	9.711	ppbV		98
57) 1,2-dichloropropane	4.387	63	198528	10.368	ppbV		99
58) bromodichloromethane	4.487	83	268912	10.915	ppbV		99
59) 1,4-dioxane	4.520	88	133591	10.257	ppbV		95
60) trichloroethene	4.507	130	263206	10.381	ppbV		100
61) 2,2,4-trimethylpentane	4.527	57	1012622	11.173	ppbV		100
62) methyl methacrylate	4.647	41	184898	9.371	ppbV		95
63) heptane	4.680	43	317220	10.987	ppbV		98
64) cis-1,3-dichloropropene	4.967	75	323462	12.020	ppbV		100
65) 4-methyl-2-pentanone	5.000	43	351686	10.893	ppbV		100
66) trans-1,3-dichloropropene	5.247	75	226201	12.163	ppbV		100
67) 1,1,2-trichloroethane	5.327	97	221671	10.544	ppbV		100
69) toluene	5.453	91	723955	10.594	ppbV		99
72) 1,3-dichloropropane	5.480	76	294963	9.772	ppbV	#	95

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281212.D
Acq On : 10 Feb 2026 4:04 PM
Operator : AIRLAB28:RAY
Sample : CTO15-LLSTD010
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 11 08:36:12 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 2-hexanone	5.640	43	324451	10.164	ppbV	100
75) dibromochloromethane	5.667	129	296663	11.070	ppbV	100
76) 1,2-dibromoethane	5.787	107	333703	10.869	ppbV	100
77) butyl acetate	5.987	73	97418	9.618	ppbV	94
78) octane	6.000	85	279582	9.739	ppbV	96
79) tetrachloroethene	6.027	166	306248	10.604	ppbV	99
80) 1,1,1,2-tetrachloroethane	6.367	131	216650	9.473	ppbV	99
81) chlorobenzene	6.373	112	631368	10.729	ppbV	99
82) ethylbenzene	6.573	91	867177	10.535	ppbV	99
84) m+p-xylene	6.667	91	1416071	21.614	ppbV	100
85) bromoform	6.680	173	264487	11.769	ppbV	100
86) styrene	6.847	104	698050	10.993	ppbV	99
87) 1,1,2,2-tetrachloroethane	6.907	83	488426	11.123	ppbV	100
88) o-xylene	6.893	91	697589	10.613	ppbV	100
89) 1,2,3-trichloropropane	6.973	75	335659	9.779	ppbV	99
90) nonane	7.047	43	414585	9.963	ppbV	99
92) isopropylbenzene	7.200	105	995270	10.015	ppbV	99
93) bromobenzene	7.220	77	498558M6	9.909	ppbV	
94) 2-chlorotoluene	7.427	126	282457	10.086	ppbV	93
95) n-propylbenzene	7.460	120	338559	9.975	ppbV	78
96) 4-chlorotoluene	7.473	126	270574	9.806	ppbV	73
97) 4-ethyl toluene	7.547	105	1084477	11.271	ppbV	99
98) 1,3,5-trimethylbenzene	7.593	105	947658	11.364	ppbV	99
99) tert-butylbenzene	7.800	119	919892	10.446	ppbV	98
100) 1,2,4-trimethylbenzene	7.800	105	955915	11.827	ppbV	94
101) decane	7.893	57	660673	10.440	ppbV	98
102) Benzyl Chloride	7.880	91	562087	9.360	ppbV	100
103) 1,3-dichlorobenzene	7.873	146	659964	11.831	ppbV	99
104) 1,4-dichlorobenzene	7.913	146	664159	11.522	ppbV	99
105) sec-butylbenzene	7.947	105	1306488	10.355	ppbV	99
107) p-isopropyltoluene	8.047	119	1170032	10.480	ppbV	99
108) 1,2-dichlorobenzene	8.100	146	630840	11.402	ppbV	95
109) n-butylbenzene	8.293	91	937580	11.078	ppbV	99
112) 1,2-dibromo-3-chloropr...	8.367	75	186047	10.502	ppbV	91
113) undecane	8.633	57	837394	11.666	ppbV	99
115) dodecane	9.242	57	1033632	13.934	ppbV	100
116) 1,2,4-trichlorobenzene	9.107	180	551147	13.697	ppbV	97
117) naphthalene	9.168	128	1526054	12.081	ppbV	99
118) 1,2,3-trichlorobenzene	9.318	180	539941	13.090	ppbV	97
120) hexachlorobutadiene	9.377	225	438287	13.722	ppbV	97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281212.D
Acq On : 10 Feb 2026 4:04 PM
Operator : AIRLAB28:RAY
Sample : CTO15-LLSTD010
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 11 08:36:12 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\02\0210T_I\r281206.D
Sub List : Default-ICV-AP2 - All compounds listed

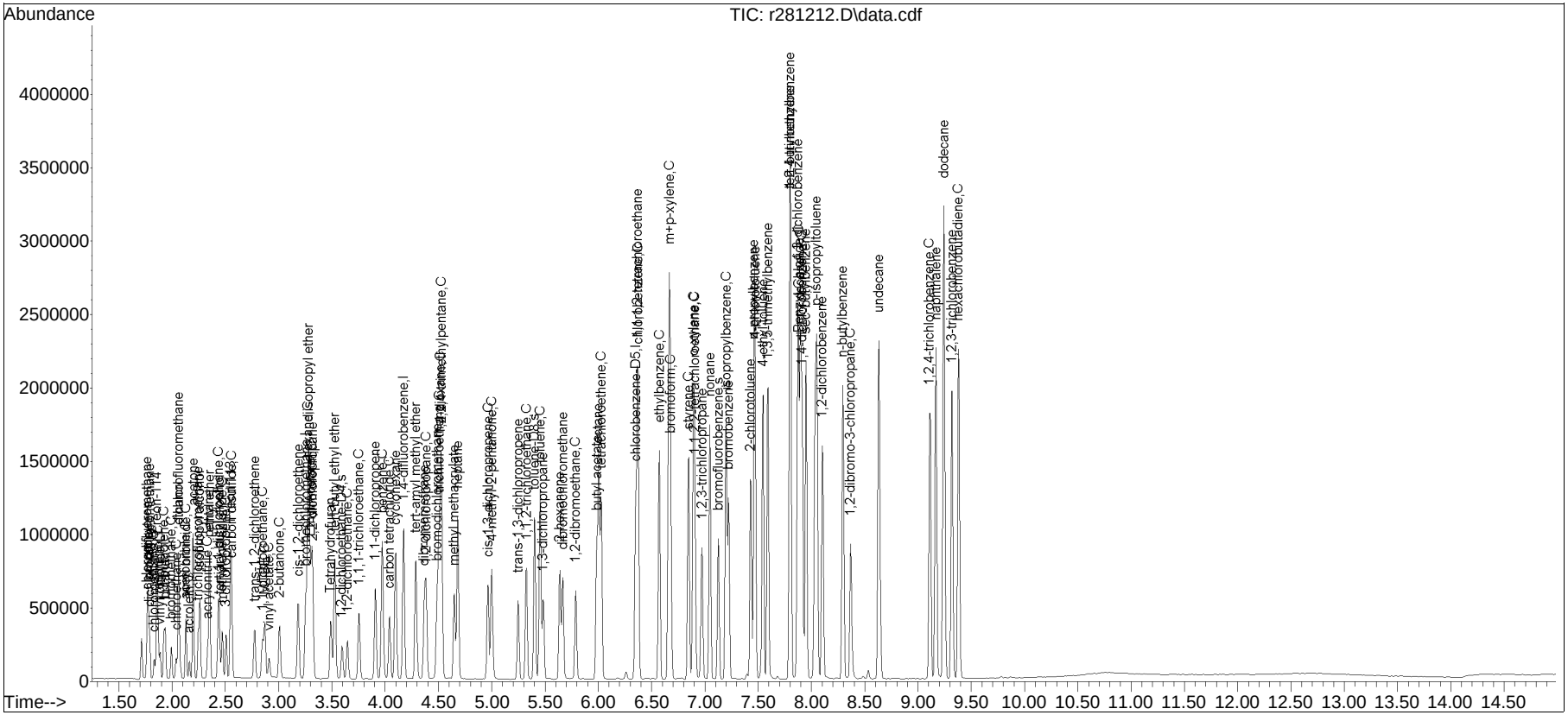
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listedI\r281206.D

Data Path : X:\Airlab\Data\Airlab28\2026\02\0210T_I\
Data File : r281212.D
Acq On : 10 Feb 2026 4:04 PM
Operator : AIRLAB28:RAY
Sample : CTO15-LLSTD010
Misc : WG2174496
ALS Vial : 0 Sample Multiplier: 1

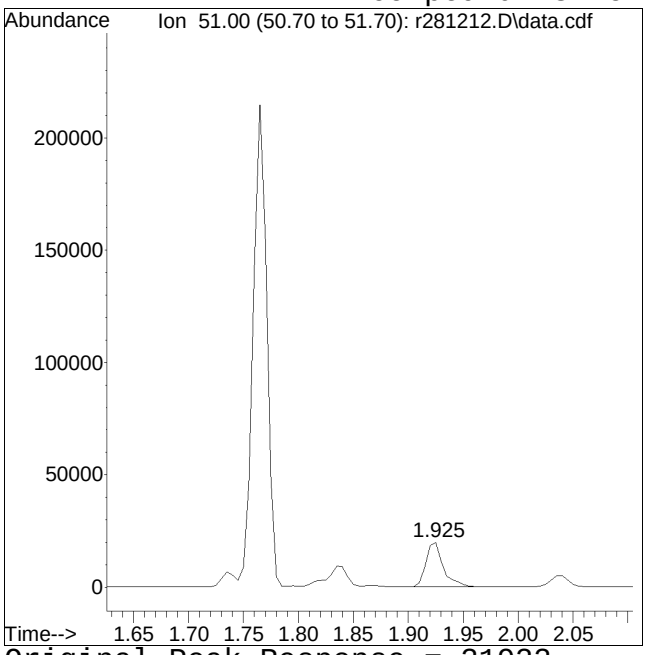
Quant Time: Feb 11 08:36:12 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\02\0210T_I\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

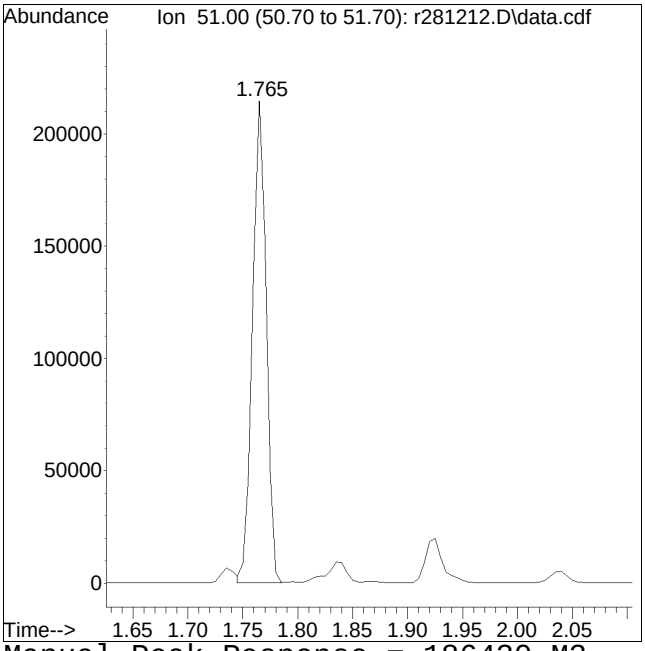


Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281212.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 4:04 PM Instrument :
Sample : CTO15-LLSTD010 Quant Date : 2/11/2026 8:36 am

Compound #3: chlorodifluoromethane





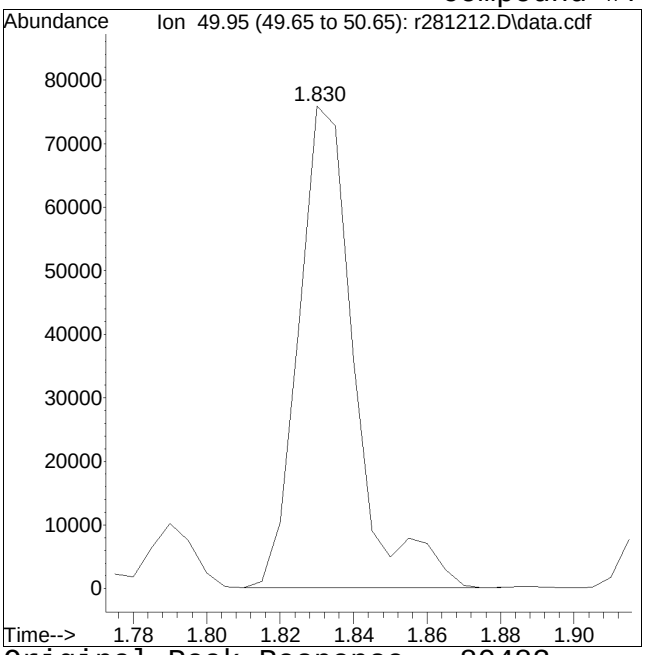
Original Peak Response = 21922 Manual Peak Response = 186430 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

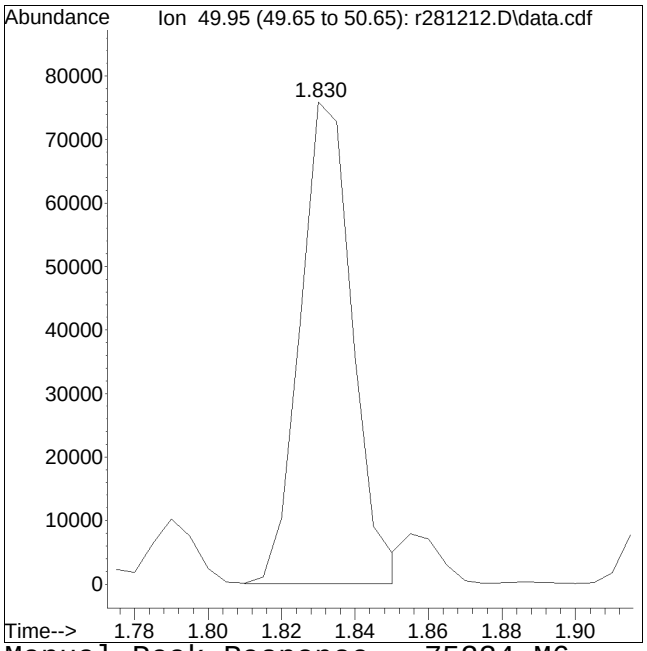
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281212.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 4:04 PM Instrument :
Sample : CTO15-LLSTD010 Quant Date : 2/11/2026 8:36 am

Compound #7: chloromethane



Original Peak Response = 80483



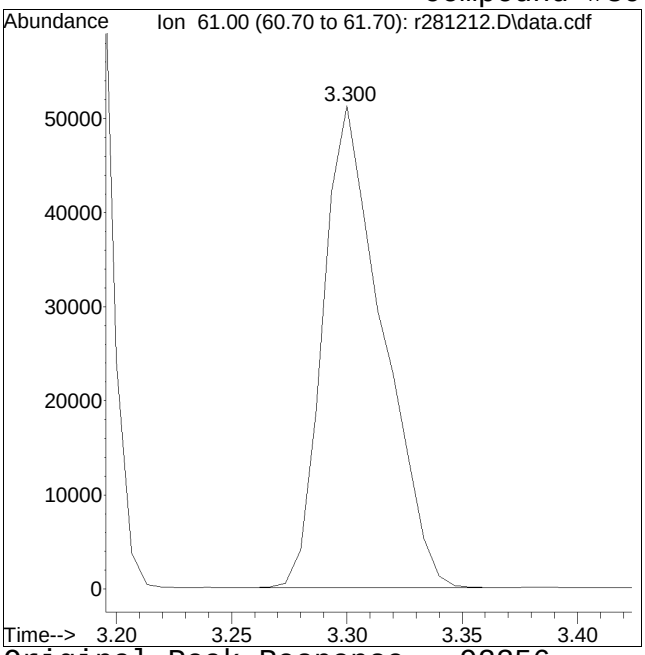
Manual Peak Response = 75234 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

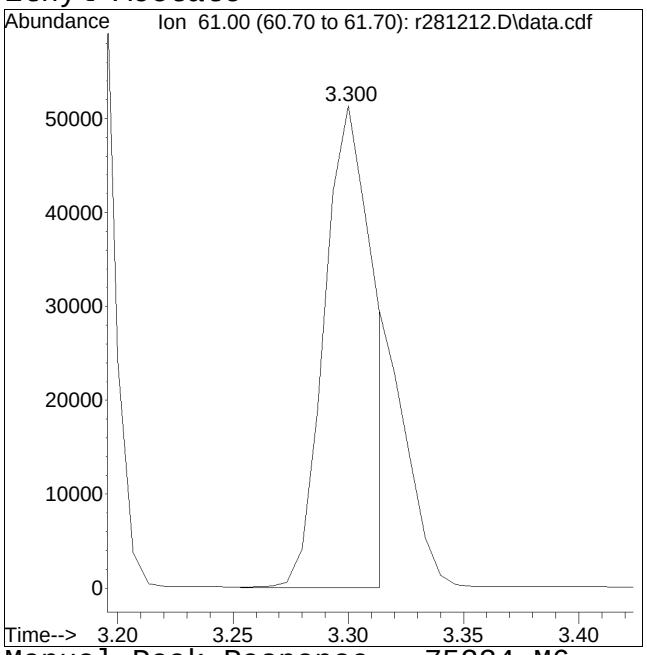
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281212.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 4:04 PM Instrument :
Sample : CTO15-LLSTD010 Quant Date : 2/11/2026 8:36 am

Compound #39: Ethyl Acetate



Original Peak Response = 92356



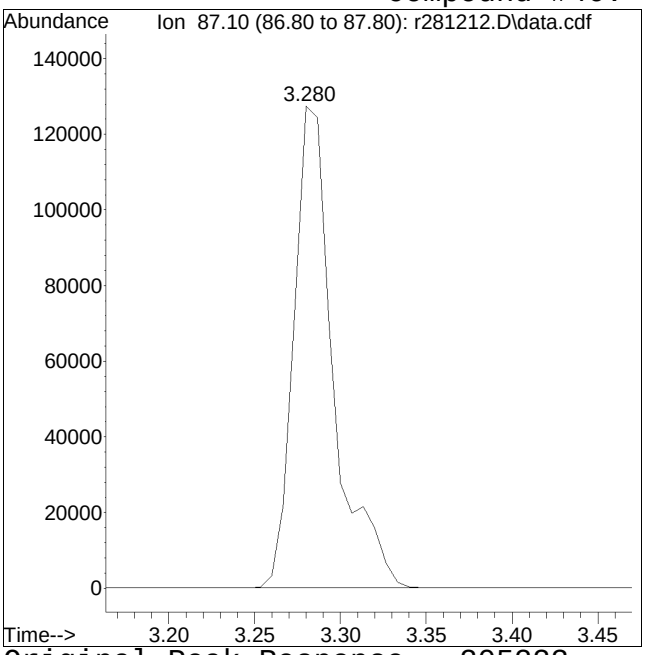
Manual Peak Response = 75234 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

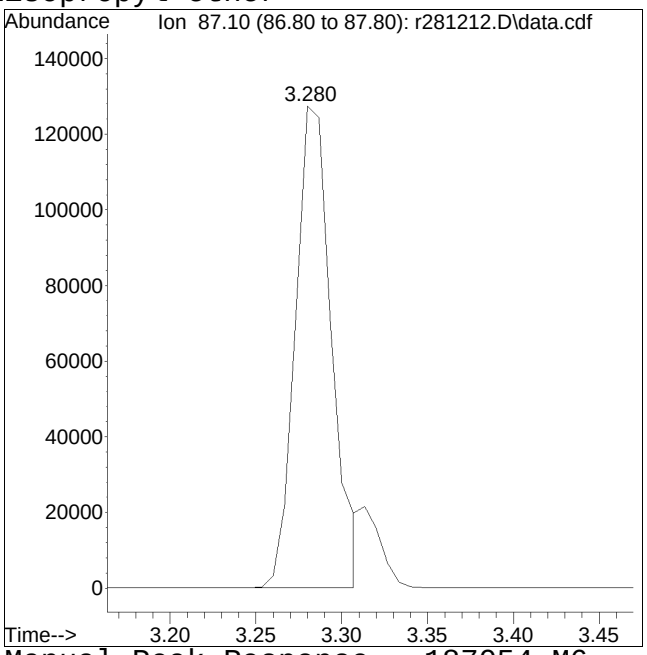
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281212.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 4:04 PM Instrument :
Sample : CTO15-LLSTD010 Quant Date : 2/11/2026 8:36 am

Compound #46: diisopropyl ether



Original Peak Response = 205223



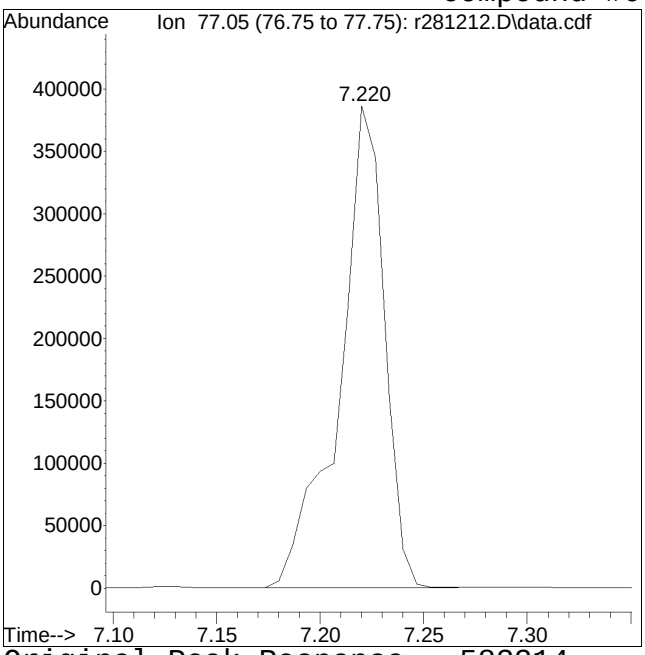
Manual Peak Response = 187054 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

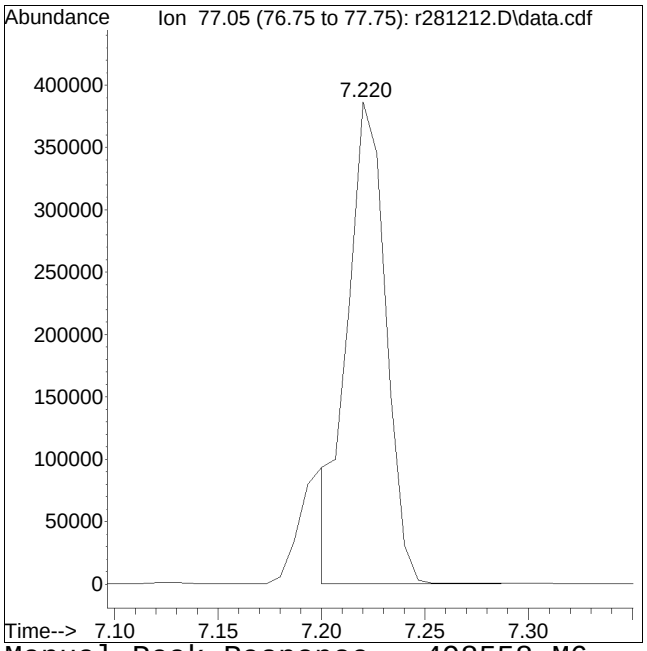
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281212.D Operator : AIRLAB28:RAY
Date Inj'd : 2/10/2026 4:04 PM Instrument :
Sample : CTO15-LLSTD010 Quant Date : 2/11/2026 8:36 am

Compound #93: bromobenzene



Original Peak Response = 583314



Manual Peak Response = 498558 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		Lab Number	: L2610159	
Project Name	: 1885 ATLANTIC AVE.		Project Number	: 0205125	
Instrument ID	: AIRLAB28		Calibration Date	: 03/04/26 13:48	
Lab File ID	: R281646		Init. Calib. Date(s)	: 02/10/26	02/10/26
Sample No	: WG2181463-2		Init. Calib. Times	: 08:22	12:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	66	0
chlorodifluoromethane	0.672	0.899	-	-33.8*	30	84	0
propylene	0.651	0.696	-	-6.9	30	74	0
propane	0.481	0.369	-	23.3	30	48	0
dichlorodifluoromethane	0.719	0.53	-	26.3	30	54	0
chloromethane	0.397	0.368	-	7.3	30	64	0
Freon-114	1.085	1.027	-	5.3	30	63	0
methanol	0.199	0.135	-	32.2*	30	42	0
vinyl chloride	0.563	0.51	-	9.4	30	62	0
1,3-butadiene	0.445	0.397	-	10.8	30	62	0
butane	0.743	0.731	-	1.6	30	67	0
bromomethane	0.412	0.458	-	-11.2	30	77	0
chloroethane	0.294	0.306	-	-4.1	30	68	0
ethanol	0.306	0.22	-	28.1	30	49	0
dichlorofluoromethane	0.927	0.843	-	9.1	30	60	0
vinyl bromide	0.485	0.452	-	6.8	30	65	0
acrolein	0.285	0.199	-	30.2*	30	46	0
acetone	0.481	0.549	-	-14.1	30	80	0
acetonitrile	0.488	0.409	-	16.2	30	58	0
trichlorofluoromethane	0.638	0.647	-	-1.4	30	69	0
isopropyl alcohol	0.827	0.716	-	13.4	30	72	0
acrylonitrile	0.53	0.405	-	23.6	30	52	0
pentane	1.004	0.911	-	9.3	30	54	0
ethyl ether	0.719	0.597	-	17	30	52	0
1,1-dichloroethene	0.657	0.706	-	-7.5	30	74	0
tertiary butyl alcohol	1.06	0.863	-	18.6	30	55	0
methylene chloride	0.477	0.504	-	-5.7	30	70	0
3-chloropropene	0.669	0.729	-	-9	30	77	0
carbon disulfide	1.513	1.472	-	2.7	30	68	0
Freon 113	0.883	0.998	-	-13	30	74	0
trans-1,2-dichloroethene	0.607	0.642	-	-5.8	30	73	0
1,1-dichloroethane	0.831	0.86	-	-3.5	30	70	0
MTBE	1.233	1.325	-	-7.5	30	75	0
vinyl acetate	0.906	0.669	-	26.2	30	49	0
2-butanone	1.584	1.897	-	-19.8	30	82	0
cis-1,2-dichloroethene	1.068	1.134	-	-6.2	30	73	0
Ethyl Acetate	0.357	0.414	-	-16	30	70	0
chloroform	1.316	1.432	-	-8.8	30	73	0
Tetrahydrofuran	0.873	1.13	-	-29.4	30	89	0
2,2-dichloropropane	1.054	1.013	-	3.9	30	62	0
1,2-dichloroethane	0.709	0.671	-	5.4	30	64	0
1,4-difluorobenzene	1	1	-	0	30	72	0
hexane	0.445	0.414	-	7	30	77	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		Lab Number	: L2610159	
Project Name	: 1885 ATLANTIC AVE.		Project Number	: 0205125	
Instrument ID	: AIRLAB28		Calibration Date	: 03/04/26 13:48	
Lab File ID	: R281646		Init. Calib. Date(s)	: 02/10/26	02/10/26
Sample No	: WG2181463-2		Init. Calib. Times	: 08:22	12:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.277	0.28	-	-1.1	30	77	0
tert-butyl ethyl ether	0.732	0.635	-	13.3	30	61	0
1,1,1-trichloroethane	0.29	0.29	-	0	30	67	0
1,1-dichloropropene	0.318	0.336	-	-5.7	30	75	0
benzene	0.833	0.826	-	0.8	30	73	0
carbon tetrachloride	0.263	0.259	-	1.5	30	71	0
cyclohexane	0.429	0.423	-	1.4	30	74	0
tert-amyl methyl ether	0.721	0.643	-	10.8	30	63	0
dibromomethane	0.199	0.192	-	3.5	30	68	0
1,2-dichloropropane	0.266	0.268	-	-0.8	30	73	0
bromodichloromethane	0.342	0.352	-	-2.9	30	76	0
1,4-dioxane	0.181	0.185	-	-2.2	30	80	0
trichloroethene	0.352	0.39	-	-10.8	30	82	0
2,2,4-trimethylpentane	1.257	1.265	-	-0.6	30	75	0
methyl methacrylate	0.274	0.28	-	-2.2	30	73	0
heptane	0.401	0.462	-	-15.2	30	87	0
cis-1,3-dichloropropene	0.373	0.414	-	-11	30	82	0
4-methyl-2-pentanone	0.448	0.507	-	-13.2	30	82	0
trans-1,3-dichloropropene	0.258	0.288	-	-11.6	30	83	0
1,1,2-trichloroethane	0.292	0.297	-	-1.7	30	74	0
chlorobenzene-D5	1	1	-	0	30	62	0
toluene	9.11	11.036	-	-21.1	30	77	0
1,3-dichloropropane	4.024	4.235	-	-5.2	30	65	0
2-hexanone	4.256	5.164	-	-21.3	30	78	0
dibromochloromethane	3.573	4.408	-	-23.4	30	80	0
1,2-dibromoethane	4.093	4.778	-	-16.7	30	74	0
butyl acetate	1.35	1.332	-	1.3	30	62	0
octane	3.827	4.182	-	-9.3	30	68	0
tetrachloroethene	3.85	4.6	-	-19.5	30	75	0
1,1,1,2-tetrachloroethane	3.049	3.27	-	-7.2	30	65	0
chlorobenzene	7.845	8.893	-	-13.4	30	70	0
ethylbenzene	10.973	12.978	-	-18.3	30	73	0
m+p-xylene	8.734	10.411	-	-19.2	30	73	0
bromoform	2.996	3.629	-	-21.1	30	76	0
styrene	8.465	9.79	-	-15.7	30	73	0
1,1,2,2-tetrachloroethane	5.854	7.09	-	-21.1	30	75	0
o-xylene	8.763	10.413	-	-18.8	30	73	0
1,2,3-trichloropropane	4.576	4.825	-	-5.4	30	64	0
nonane	5.548	6.487	-	-16.9	30	70	0
isopropylbenzene	13.249	14.131	-	-6.7	30	63	0
bromobenzene	6.708	7.208	-	-7.5	30	66	0
2-chlorotoluene	3.733	4.504	-	-20.7	30	73	0
n-propylbenzene	4.525	5.143	-	-13.7	30	67	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Haley & Aldrich		**Lab Number**	: L2610159	
Project Name	: 1885 ATLANTIC AVE.		**Project Number**	: 0205125	
Instrument ID	: AIRLAB28		**Calibration Date**	: 03/04/26 13:48	
Lab File ID	: R281646		**Init. Calib. Date(s)**	: 02/10/26	02/10/26
Sample No	: WG2181463-2		**Init. Calib. Times**	: 08:22	12:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	3.679	4.179	-	-13.6	30	67	0
4-ethyl toluene	12.828	14.903	-	-16.2	30	72	0
1,3,5-trimethylbenzene	11.117	13.259	-	-19.3	30	71	0
tert-butylbenzene	11.74	13.176	-	-12.2	30	65	0
1,2,4-trimethylbenzene	10.776	12.902	-	-19.7	30	71	0
decane	8.437	8.774	-	-4	30	60	0
Benzyl Chloride	8.006	7.188	-	10.2	30	55	0
1,3-dichlorobenzene	7.437	9.758	-	-31.2*	30	77	0
1,4-dichlorobenzene	7.685	9.805	-	-27.6	30	75	0
sec-butylbenzene	16.821	17.809	-	-5.9	30	62	0
p-isopropyltoluene	14.884	16.947	-	-13.9	30	65	0
1,2-dichlorobenzene	7.376	9.403	-	-27.5	30	76	0
n-butylbenzene	11.283	13.335	-	-18.2	30	67	0
1,2-dibromo-3-chloropropan	2.362	2.493	-	-5.5	30	59	0
undecane	9.569	10.592	-	-10.7	30	60	0
dodecane	9.889	12.232	-	-23.7	30	60	0
1,2,4-trichlorobenzene	5.365	7.401	-	-37.9*	30	74	0
naphthalene	16.84	21.907	-	-30.1*	30	69	0
1,2,3-trichlorobenzene	5.499	7.184	-	-30.6*	30	67	0
hexachlorobutadiene	4.258	5.484	-	-28.8	30	68	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281646.D
Acq On : 4 Mar 2026 1:48 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-2,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 14:44:01 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	66	0.00
3		chlorodifluoromethane	0.672	0.899	-33.8#	84	0.00
4		propylene	0.651	0.696	-6.9	74	0.00
5		propane	0.481	0.369	23.3	48#	0.00
6		dichlorodifluoromethane	0.719	0.530	26.3	54#	0.00
7	C	chloromethane	0.397	0.368	7.3	64	0.00
8		Freon-114	1.085	1.027	5.3	63	0.00
9	C	methanol	0.199	0.135	32.2#	42#	0.00
10	C	vinyl chloride	0.563	0.510	9.4	62	0.00
11	C	1,3-butadiene	0.445	0.397	10.8	62	0.00
12		butane	0.743	0.731	1.6	67	0.00
14	C	bromomethane	0.412	0.458	-11.2	77	0.00
15	C	chloroethane	0.294	0.306	-4.1	68	0.00
16		ethanol	0.306	0.220	28.1	49#	0.00
17		dichlorofluoromethane	0.927	0.843	9.1	60#	0.00
18	C	vinyl bromide	0.485	0.452	6.8	65	0.00
19	C	acrolein	0.285	0.199	30.2#	46#	0.00
20		acetone	0.481	0.549	-14.1	80	0.00
21	C	acetonitrile	0.488	0.409	16.2	58#	0.00
22		trichlorofluoromethane	0.638	0.647	-1.4	69	0.00
23		isopropyl alcohol	0.827	0.716	13.4	72	0.00
24	C	acrylonitrile	0.530	0.405	23.6	52#	0.00
25		pentane	1.004	0.911	9.3	54#	0.00
26		ethyl ether	0.719	0.597	17.0	52#	0.00
27	C	1,1-dichloroethene	0.657	0.706	-7.5	74	0.00
28		tertiary butyl alcohol	1.060	0.863	18.6	55#	0.00
29	C	methylene chloride	0.477	0.504	-5.7	70	0.00
30	C	3-chloropropene	0.669	0.729	-9.0	77	0.00
31	C	carbon disulfide	1.513	1.472	2.7	68	0.00
32		Freon 113	0.883	0.998	-13.0	74	0.00
33		trans-1,2-dichloroethene	0.607	0.642	-5.8	73	0.00
34	C	1,1-dichloroethane	0.831	0.860	-3.5	70	0.00
35	C	MTBE	1.233	1.325	-7.5	75	0.00
36	C	vinyl acetate	0.906	0.669	26.2	49#	0.00
37	C	2-butanone	1.584	1.897	-19.8	82	0.00
38		cis-1,2-dichloroethene	1.068	1.134	-6.2	73	0.00
39		Ethyl Acetate	0.357	0.414	-16.0	70	0.00
40	C	chloroform	1.316	1.432	-8.8	73	0.00
41		Tetrahydrofuran	0.873	1.130	-29.4	89	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281646.D
Acq On : 4 Mar 2026 1:48 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-2,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 14:44:01 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42		2,2-dichloropropane	1.054	1.013	3.9	62	0.00
43	C	1,2-dichloroethane	0.709	0.671	5.4	64	0.00
44	I	1,4-difluorobenzene	1.000	1.000	0.0	72	0.00
45	C	hexane	0.445	0.414	7.0	77	0.00
46		diisopropyl ether	0.277	0.280	-1.1	77	0.00
47		tert-butyl ethyl ether	0.732	0.635	13.3	61	0.00
49	C	1,1,1-trichloroethane	0.290	0.290	0.0	67	0.00
50		1,1-dichloropropene	0.318	0.336	-5.7	75	0.00
51	C	benzene	0.833	0.826	0.8	73	0.00
53	C	carbon tetrachloride	0.263	0.259	1.5	71	0.00
54		cyclohexane	0.429	0.423	1.4	74	0.00
55		tert-amyl methyl ether	0.721	0.643	10.8	63	0.00
56		dibromomethane	0.199	0.192	3.5	68	0.00
57	C	1,2-dichloropropane	0.266	0.268	-0.8	73	0.00
58		bromodichloromethane	0.342	0.352	-2.9	76	0.00
59	C	1,4-dioxane	0.181	0.185	-2.2	80	0.00
60	C	trichloroethene	0.352	0.390	-10.8	82	0.00
61	C	2,2,4-trimethylpentane	1.257	1.265	-0.6	75	0.00
62		methyl methacrylate	0.274	0.280	-2.2	73	0.00
63		heptane	0.401	0.462	-15.2	87	0.00
64	C	cis-1,3-dichloropropene	0.373	0.414	-11.0	82	0.00
65	C	4-methyl-2-pentanone	0.448	0.507	-13.2	82	0.00
66		trans-1,3-dichloropropene	0.258	0.288	-11.6	83	0.00
67	C	1,1,2-trichloroethane	0.292	0.297	-1.7	74	0.00
68	I	chlorobenzene-D5	1.000	1.000	0.0	62	0.00
69	C	toluene	9.110	11.036	-21.1	77	0.00
72		1,3-dichloropropane	4.024	4.235	-5.2	65	0.00
73		2-hexanone	4.256	5.164	-21.3	78	0.00
75		dibromochloromethane	3.573	4.408	-23.4	80	0.00
76	C	1,2-dibromoethane	4.093	4.778	-16.7	74	0.00
77		butyl acetate	1.350	1.332	1.3	62	0.00
78		octane	3.827	4.182	-9.3	68	0.00
79	C	tetrachloroethene	3.850	4.600	-19.5	75	0.00
80		1,1,1,2-tetrachloroethane	3.049	3.270	-7.2	65	0.00
81	C	chlorobenzene	7.845	8.893	-13.4	70	0.00
82	C	ethylbenzene	10.973	12.978	-18.3	73	0.00
84	C	m+p-xylene	8.734	10.411	-19.2	73	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281646.D
Acq On : 4 Mar 2026 1:48 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-2,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 14:44:01 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
85	C	bromoform	2.996	3.629	-21.1	76	0.00
86	C	styrene	8.465	9.790	-15.7	73	0.00
87	C	1,1,2,2-tetrachloroethane	5.854	7.090	-21.1	75	0.00
88	C	o-xylene	8.763	10.413	-18.8	73	0.00
89		1,2,3-trichloropropane	4.576	4.825	-5.4	64	0.00
90		nonane	5.548	6.487	-16.9	70	0.00
92	C	isopropylbenzene	13.249	14.131	-6.7	63	0.00
93		bromobenzene	6.708	7.208	-7.5	66	0.00
94		2-chlorotoluene	3.733	4.504	-20.7	73	0.00
95		n-propylbenzene	4.525	5.143	-13.7	67	0.00
96		4-chlorotoluene	3.679	4.179	-13.6	67	0.00
97		4-ethyl toluene	12.828	14.903	-16.2	72	0.00
98		1,3,5-trimethylbenzene	11.117	13.259	-19.3	71	0.00
99		tert-butylbenzene	11.740	13.176	-12.2	65	0.00
100		1,2,4-trimethylbenzene	10.776	12.902	-19.7	71	0.00
101		decane	8.437	8.774	-4.0	60#	0.00
102	C	Benzyl Chloride	8.006	7.188	10.2	55#	0.00
103		1,3-dichlorobenzene	7.437	9.758	-31.2#	77	0.00
104	C	1,4-dichlorobenzene	7.685	9.805	-27.6	75	0.00
105		sec-butylbenzene	16.821	17.809	-5.9	62	0.00
107		p-isopropyltoluene	14.884	16.947	-13.9	65	0.00
108		1,2-dichlorobenzene	7.376	9.403	-27.5	76	0.00
109		n-butylbenzene	11.283	13.335	-18.2	67	0.00
112	C	1,2-dibromo-3-chloropropane	2.362	2.493	-5.5	59#	0.00
113		undecane	9.569	10.592	-10.7	60#	0.00
115		dodecane	9.889	12.232	-23.7	60#	0.00
116	C	1,2,4-trichlorobenzene	5.365	7.401	-37.9#	74	0.00
117		naphthalene	16.840	21.907	-30.1#	69	0.00
118		1,2,3-trichlorobenzene	5.499	7.184	-30.6#	67	0.00
120	C	hexachlorobutadiene	4.258	5.484	-28.8	68	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 3

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281646.D
Acq On : 4 Mar 2026 1:48 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-2,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 14:44:01 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	3.247	49	139207	10.000	ppbV	#	0.00
Standard Area = 139207			Recovery = 100.00%				
44) 1,4-difluorobenzene	4.167	114	574876	10.000	ppbV		0.00
Standard Area = 574876			Recovery = 100.00%				
68) chlorobenzene-D5	6.340	54	52481	10.000	ppbV	#	0.00
Standard Area = 52481			Recovery = 100.00%				
System Monitoring Compounds							
Target Compounds							Qvalue
3) chlorodifluoromethane	1.760	51	125142M6	13.376	ppbV		
4) propylene	1.770	41	96896	10.693	ppbV		98
5) propane	1.775	29	51361	7.677	ppbV	#	71
6) dichlorodifluoromethane	1.785	85	73786	7.370	ppbV		99
7) chloromethane	1.830	50	51235M6	9.274	ppbV		
8) Freon-114	1.855	85	142927	9.464	ppbV		89
9) methanol	1.865	31	94158	34.070	ppbV	#	79
10) vinyl chloride	1.885	62	70945	9.048	ppbV		99
11) 1,3-butadiene	1.920	54	55217	8.905	ppbV		88
12) butane	1.935	43	101789	9.843	ppbV	#	96
14) bromomethane	1.990	94	63728	11.114	ppbV		98
15) chloroethane	2.035	64	42562	10.389	ppbV		99
16) ethanol	2.060	31	153131	36.000	ppbV	#	80
17) dichlorofluoromethane	2.055	67	117314	9.094	ppbV	#	99
18) vinyl bromide	2.126	106	62886	9.305	ppbV		98
19) acrolein	2.156	56	27664	6.972	ppbV		97
20) acetone	2.192	43	381878	57.009	ppbV	#	81
21) acetonitrile	2.123	41	56921	8.386	ppbV		98
22) trichlorofluoromethane	2.240	101	90125	10.142	ppbV		100
23) isopropyl alcohol	2.255	45	249044	21.641	ppbV	#	96
24) acrylonitrile	2.327	53	56365	7.636	ppbV		96
25) pentane	2.342	43	126781	9.070	ppbV		94
26) ethyl ether	2.348	31	83048	8.302	ppbV	#	90
27) 1,1-dichloroethene	2.430	61	98287	10.742	ppbV		98
28) tertiary butyl alcohol	2.440	59	120085	8.140	ppbV	#	91
29) methylene chloride	2.465	49	70177	10.560	ppbV		95
30) 3-chloropropene	2.500	41	101547	10.905	ppbV		94
31) carbon disulfide	2.555	76	204846	9.726	ppbV	#	94
32) Freon 113	2.545	101	138861	11.292	ppbV		95

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281646.D
Acq On : 4 Mar 2026 1:48 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-2,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 14:44:01 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) trans-1,2-dichloroethene	2.770	61	89351	10.567	ppbV		93
34) 1,1-dichloroethane	2.837	63	119759	10.349	ppbV		99
35) MTBE	2.863	73	184494	10.751	ppbV	#	94
36) vinyl acetate	2.903	43	93108	7.384	ppbV		95
37) 2-butanone	3.003	43	264069	11.977	ppbV		94
38) cis-1,2-dichloroethene	3.173	61	157906	10.621	ppbV		95
39) Ethyl Acetate	3.293	61	57590M6	11.595	ppbV		
40) chloroform	3.307	83	199303	10.881	ppbV		98
41) Tetrahydrofuran	3.480	42	157268M6	12.936	ppbV		
42) 2,2-dichloropropane	3.313	77	140974	9.609	ppbV	#	91
43) 1,2-dichloroethane	3.640	62	93422	9.460	ppbV		98
45) hexane	3.267	57	238056	9.300	ppbV		88
46) diisopropyl ether	3.273	87	160914	10.123	ppbV		93
47) tert-butyl ethyl ether	3.520	59	364984	8.677	ppbV		97
49) 1,1,1-trichloroethane	3.747	97	166534	10.006	ppbV		97
50) 1,1-dichloropropene	3.900	75	193160	10.569	ppbV		96
51) benzene	3.960	78	475128	9.923	ppbV		96
53) carbon tetrachloride	4.033	117	148925	9.836	ppbV	#	97
54) cyclohexane	4.087	56	243132	9.853	ppbV		89
55) tert-amyl methyl ether	4.280	73	369674	8.918	ppbV		95
56) dibromomethane	4.360	93	110176	9.632	ppbV		98
57) 1,2-dichloropropane	4.373	63	154274	10.102	ppbV		99
58) bromodichloromethane	4.480	83	202197	10.290	ppbV		99
59) 1,4-dioxane	4.513	88	106294	10.233	ppbV		100
60) trichloroethene	4.493	130	224470	11.100	ppbV		95
61) 2,2,4-trimethylpentane	4.520	57	727424	10.063	ppbV		95
62) methyl methacrylate	4.640	41	160704	10.212	ppbV	#	85
63) heptane	4.673	43	265827	11.543	ppbV		92
64) cis-1,3-dichloropropene	4.953	75	238244	11.101	ppbV		97
65) 4-methyl-2-pentanone	4.993	43	291177	11.308	ppbV		92
66) trans-1,3-dichloropropene	5.240	75	165769	11.176	ppbV		96
67) 1,1,2-trichloroethane	5.313	97	170826	10.188	ppbV		99
69) toluene	5.447	91	579186	12.114	ppbV		98
72) 1,3-dichloropropane	5.473	76	222267	10.525	ppbV	#	92
73) 2-hexanone	5.633	43	271014	12.134	ppbV		89
75) dibromochloromethane	5.660	129	231312	12.337	ppbV		99
76) 1,2-dibromoethane	5.780	107	250746	11.673	ppbV		98
77) butyl acetate	5.980	73	69928	9.868	ppbV	#	77
78) octane	5.993	85	219476	10.927	ppbV		84
79) tetrachloroethene	6.020	166	241392	11.946	ppbV		95

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281646.D
Acq On : 4 Mar 2026 1:48 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-2,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 14:44:01 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : Default-LCS-AP2 - All compounds listed

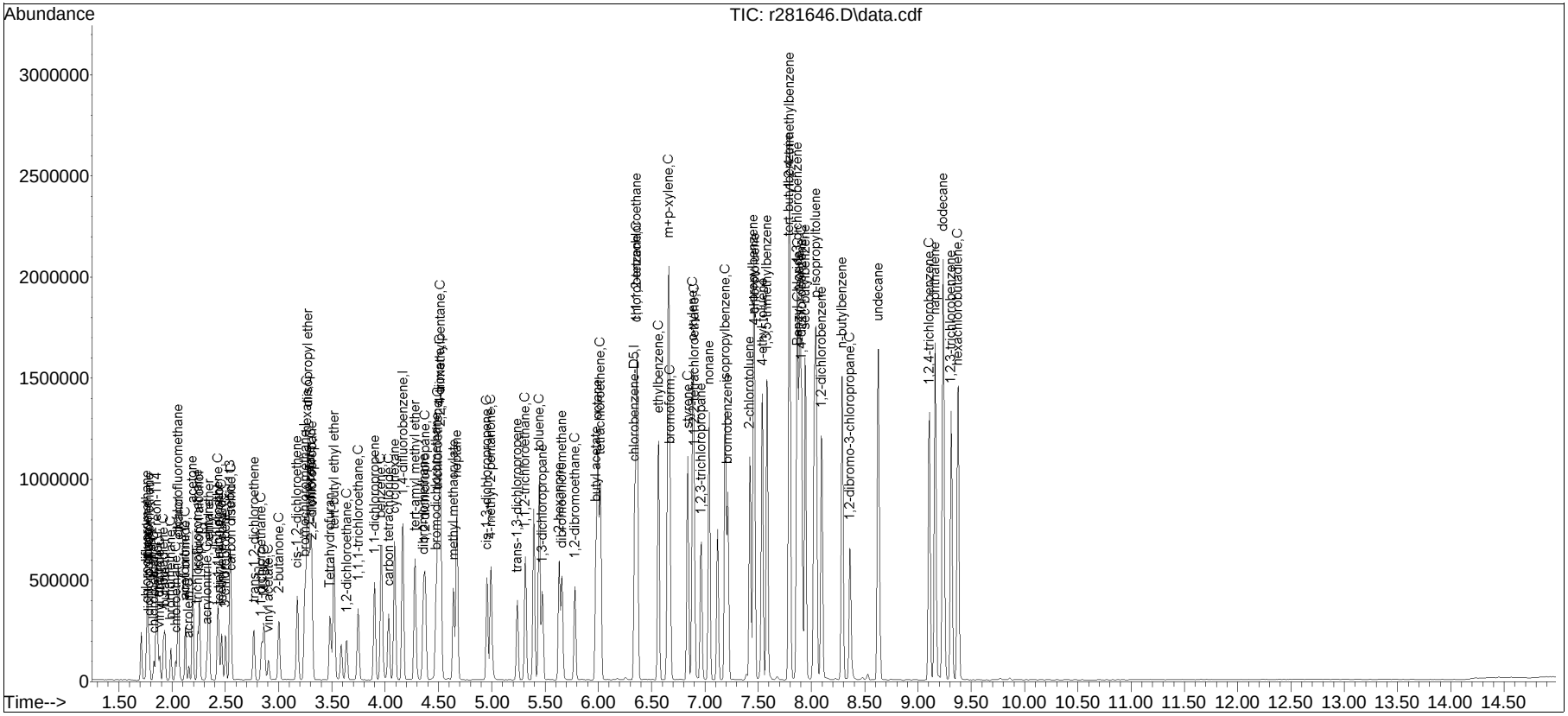
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) 1,1,1,2-tetrachloroethane	6.360	131	171596	10.723	ppbV		98
81) chlorobenzene	6.360	112	466718	11.336	ppbV		99
82) ethylbenzene	6.567	91	681111	11.827	ppbV		96
84) m+p-xylene	6.660	91	1092781	23.840	ppbV		95
85) bromoform	6.673	173	190446	12.112	ppbV		97
86) styrene	6.840	104	513771	11.565	ppbV		100
87) 1,1,2,2-tetrachloroethane	6.900	83	372113	12.112	ppbV		99
88) o-xylene	6.887	91	546498	11.883	ppbV		96
89) 1,2,3-trichloropropane	6.967	75	253244	10.545	ppbV		98
90) nonane	7.040	43	340438	11.693	ppbV		86
92) isopropylbenzene	7.193	105	741604	10.665	ppbV		96
93) bromobenzene	7.213	77	378297M6	10.746	ppbV		
94) 2-chlorotoluene	7.420	126	236372	12.064	ppbV		84
95) n-propylbenzene	7.453	120	269907	11.366	ppbV		73
96) 4-chlorotoluene	7.467	126	219335	11.361	ppbV	#	63
97) 4-ethyl toluene	7.540	105	782134	11.618	ppbV		95
98) 1,3,5-trimethylbenzene	7.580	105	695869	11.927	ppbV		94
99) tert-butylbenzene	7.787	119	691491	11.223	ppbV		94
100) 1,2,4-trimethylbenzene	7.793	105	677113	11.973	ppbV	#	88
101) decane	7.887	57	460480	10.400	ppbV		91
102) Benzyl Chloride	7.873	91	377231	8.979	ppbV		96
103) 1,3-dichlorobenzene	7.867	146	512097M4	13.121	ppbV		
104) 1,4-dichlorobenzene	7.907	146	514579	12.759	ppbV		97
105) sec-butylbenzene	7.940	105	934639	10.587	ppbV		92
107) p-isopropyltoluene	8.040	119	889380	11.386	ppbV		96
108) 1,2-dichlorobenzene	8.093	146	493462	12.748	ppbV		92
109) n-butylbenzene	8.287	91	699850	11.819	ppbV		94
112) 1,2-dibromo-3-chloropr...	8.360	75	130835	10.556	ppbV		89
113) undecane	8.627	57	555881	11.069	ppbV		94
115) dodecane	9.235	57	641943	12.369	ppbV		89
116) 1,2,4-trichlorobenzene	9.107	180	388391	13.795	ppbV		98
117) naphthalene	9.160	128	1149699	13.009	ppbV		97
118) 1,2,3-trichlorobenzene	9.310	180	377015	13.064	ppbV		97
120) hexachlorobutadiene	9.370	225	287827	12.880	ppbV		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedr281646.D

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281646.D
Acq On : 4 Mar 2026 1:48 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-2,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

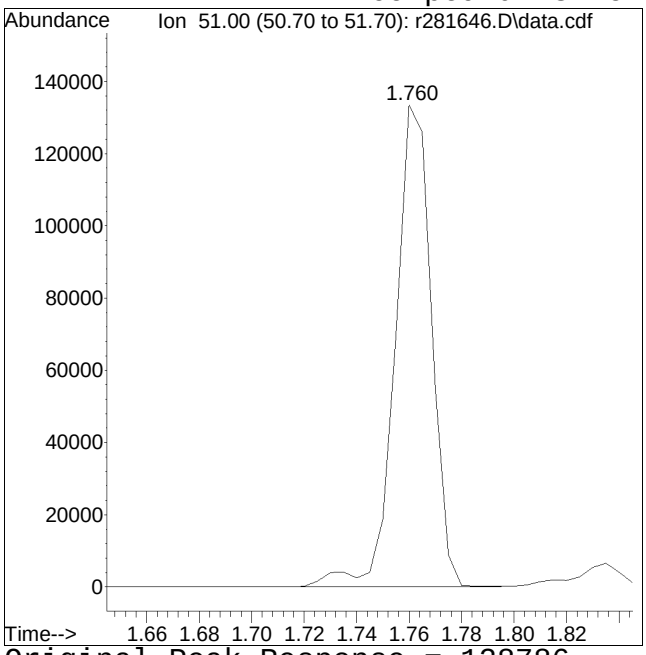
Quant Time: Mar 04 14:44:01 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration



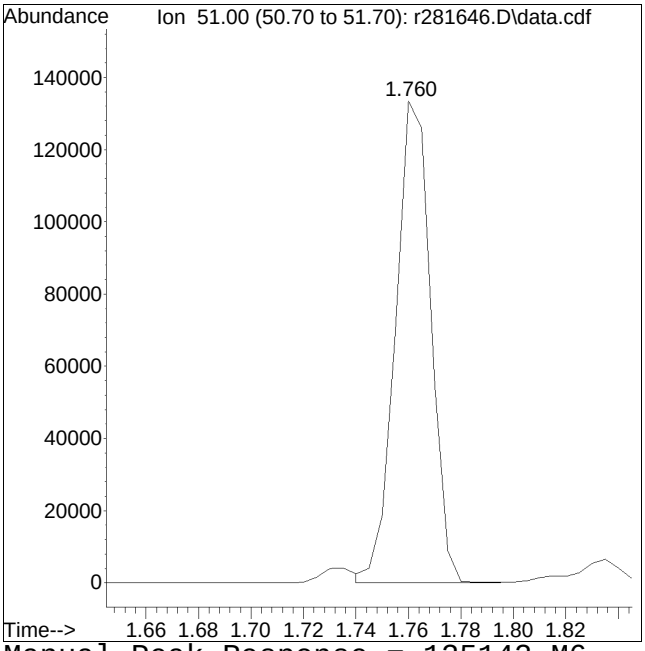
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281646.D Operator : AIRLAB28:TPH
Date Inj'd : 3/4/2026 1:48 PM Instrument :
Sample : WG2181463-2,3,250,250 Quant Date : 3/4/2026 2:44 pm

Compound #3: chlorodifluoromethane



Original Peak Response = 128786



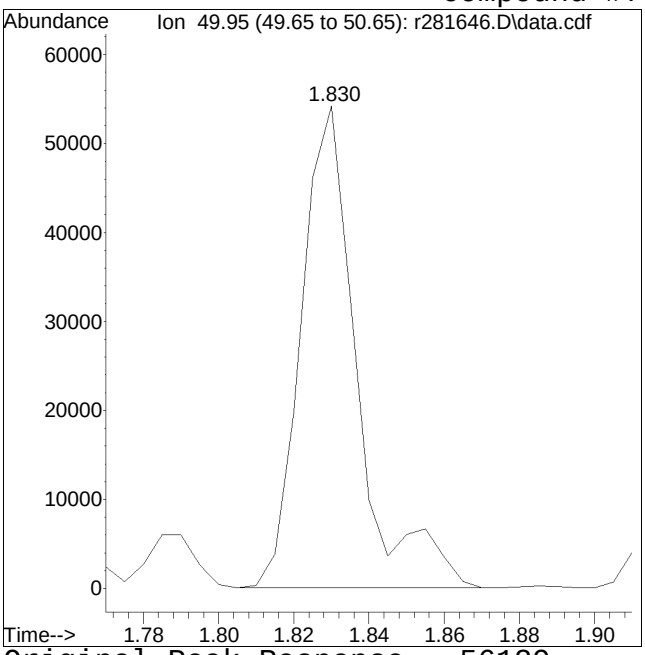
Manual Peak Response = 125142 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

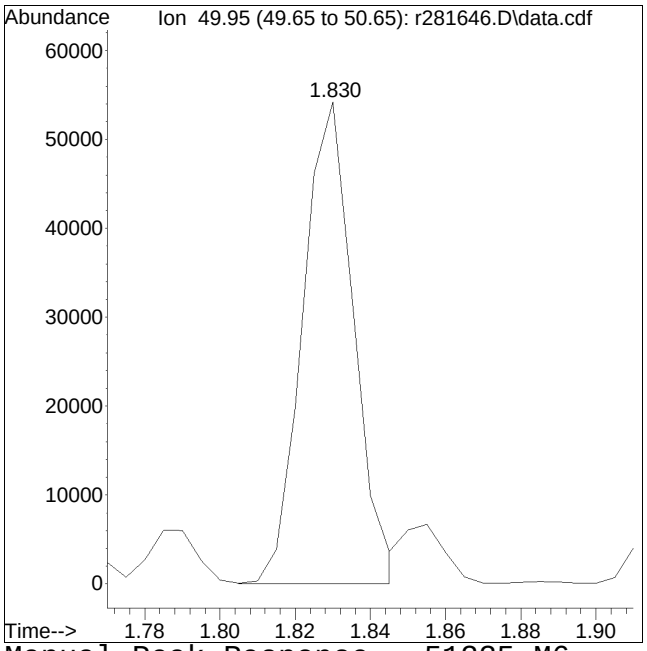
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281646.D Operator : AIRLAB28:TPH
Date Inj'd : 3/4/2026 1:48 PM Instrument :
Sample : WG2181463-2,3,250,250 Quant Date : 3/4/2026 2:44 pm

Compound #7: chloromethane



Original Peak Response = 56129



Manual Peak Response = 51235 M6

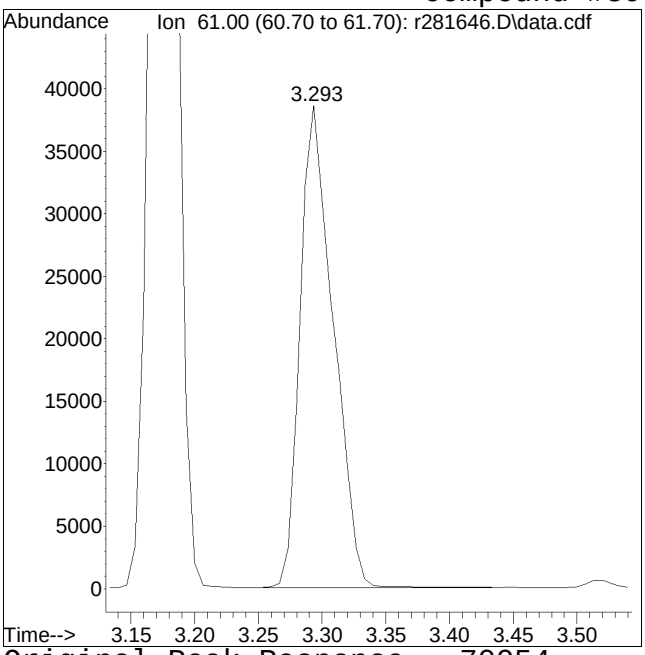
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

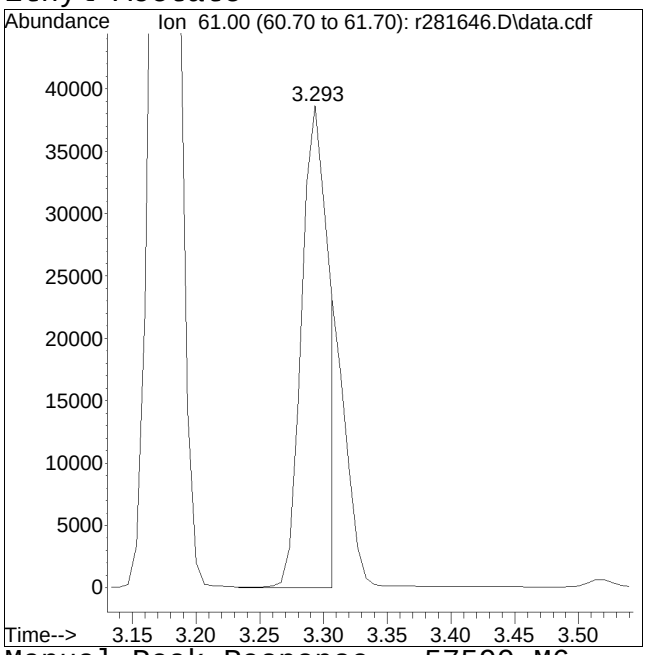
Data Path : X:\Airlab\Data\Airlab28\20Q
Data File : r281646.D
Date Inj'd : 3/4/2026 1:48 PM
Sample : WG2181463-2,3,250,250

Method : TFS28_2600210.M
Operator : AIRLAB28:TPH
Instrument :
Quant Date : 3/4/2026 2:44 pm

Compound #39: Ethyl Acetate



Original Peak Response = 70054



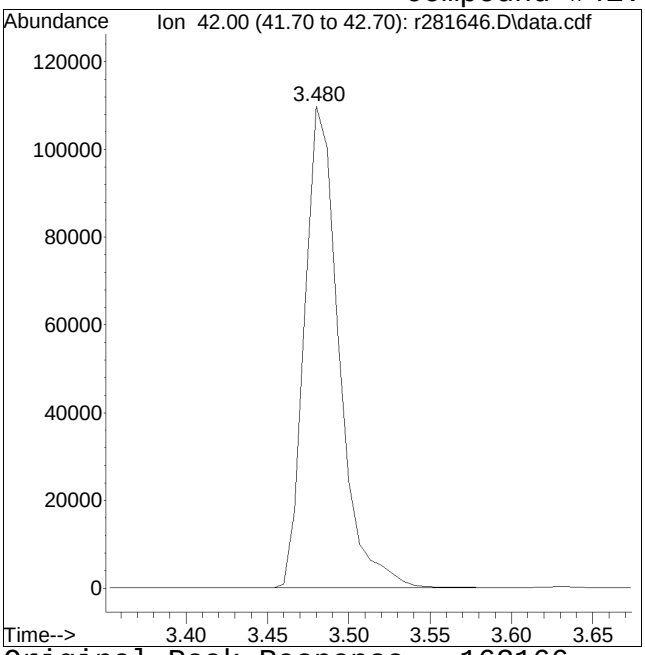
Manual Peak Response = 57590 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

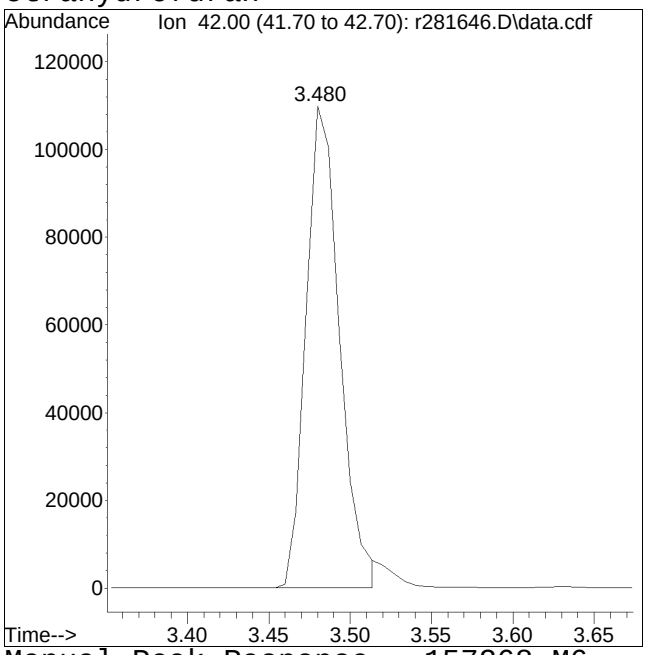
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281646.D Operator : AIRLAB28:TPH
Date Inj'd : 3/4/2026 1:48 PM Instrument :
Sample : WG2181463-2,3,250,250 Quant Date : 3/4/2026 2:44 pm

Compound #41: Tetrahydrofuran



Original Peak Response = 162166



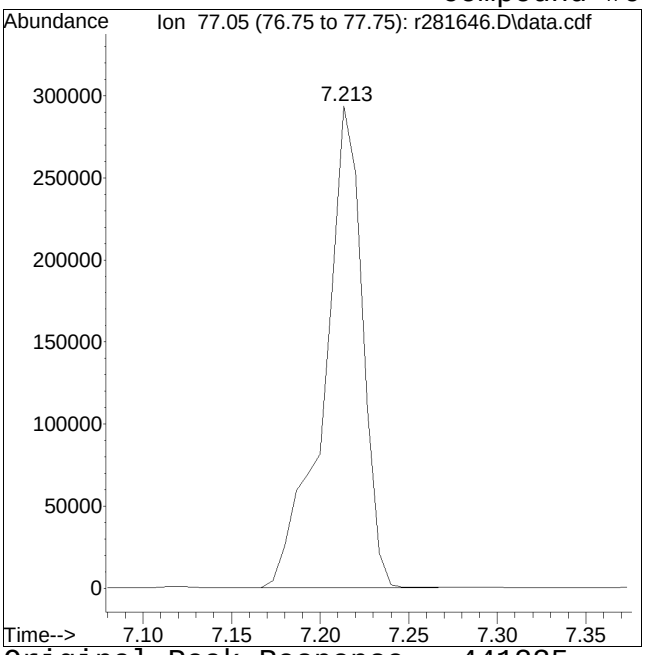
Manual Peak Response = 157268 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

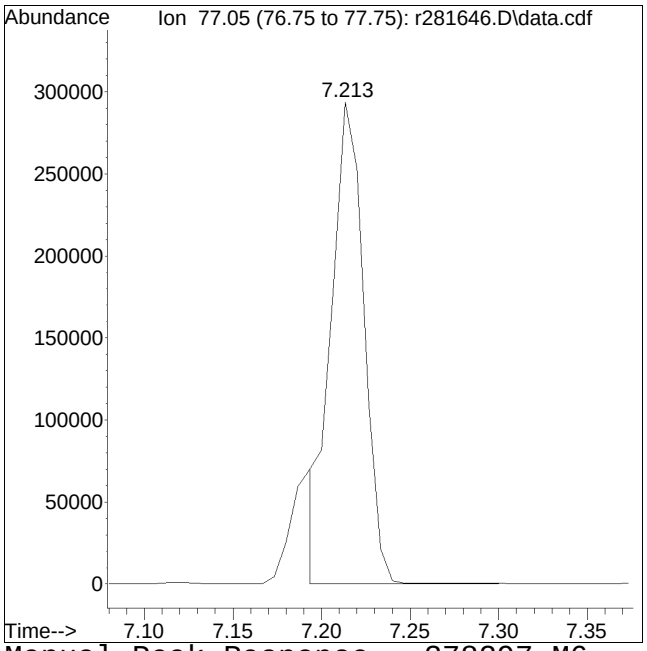
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281646.D Operator : AIRLAB28:TPH
Date Inj'd : 3/4/2026 1:48 PM Instrument :
Sample : WG2181463-2,3,250,250 Quant Date : 3/4/2026 2:44 pm

Compound #93: bromobenzene



Original Peak Response = 441235



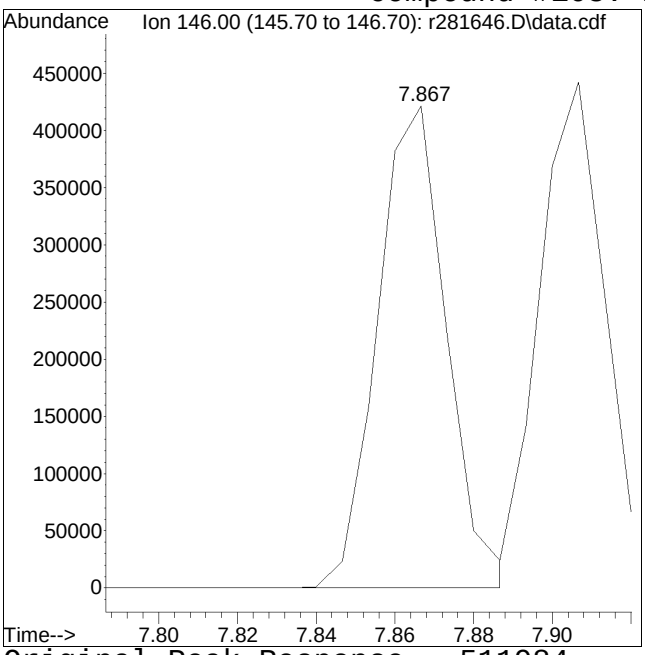
Manual Peak Response = 378297 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

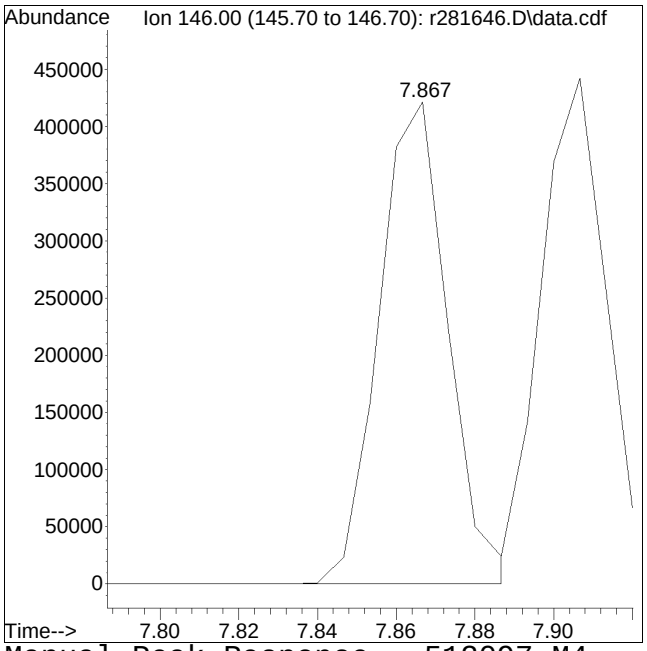
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281646.D Operator : AIRLAB28:TPH
Date Inj'd : 3/4/2026 1:48 PM Instrument :
Sample : WG2181463-2,3,250,250 Quant Date : 3/4/2026 2:44 pm

Compound #103: 1,3-dichlorobenzene



Original Peak Response = 511984



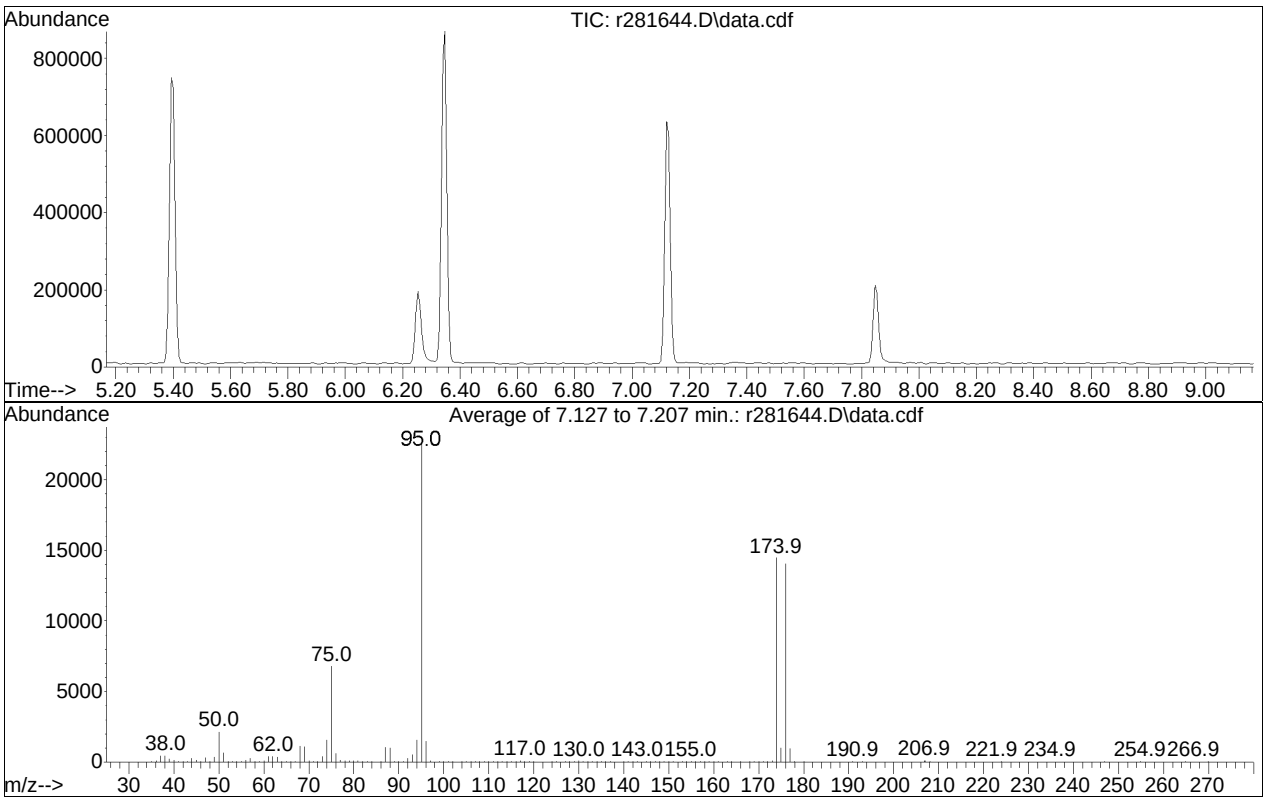
Manual Peak Response = 512097 M4

M4 = Poor automated baseline construction.

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281644.D
Acq On : 4 Mar 2026 12:36 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-1,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Wed Feb 11 08:35:36 2026



Spectrum Information: Average of 7.127 to 7.207 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	9.4	2138	PASS
75	95	30	66	30.0	6793	PASS
95	95	100	100	100.0	22627	PASS
96	95	5	9	6.6	1496	PASS
173	174	0.00	2	0.7	108	PASS
174	95	50	120	64.0	14487	PASS
175	174	4	9	7.0	1009	PASS
176	174	93	101	97.0	14053	PASS
177	176	5	9	6.7	936	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281649.D
Acq On : 4 Mar 2026 6:57 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-4,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:48:59 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.247	49	138444	10.000	ppbV	# 0.00
Standard Area = 139207			Recovery = 99.45%			
44) 1,4-difluorobenzene	4.167	114	577783	10.000	ppbV	0.00
Standard Area = 574876			Recovery = 100.51%			
68) chlorobenzene-D5	6.340	54	51184	10.000	ppbV	# 0.00
Standard Area = 52481			Recovery = 97.53%			
System Monitoring Compounds						
Target Compounds						Qvalue
6) dichlorodifluoromethane	1.820		0	N.D.		
7) chloromethane	1.830		0	N.D.		
8) Freon-114	1.820		0	N.D.		
10) vinyl chloride	1.865		0	N.D.		
11) 1,3-butadiene	2.005		0	N.D.		
14) bromomethane	1.930		0	N.D.		
15) chloroethane	0.000		0	N.D.	d	
16) ethanol	2.147		0	N.D.		
18) vinyl bromide	2.060		0	N.D.		
20) acetone	2.198	43	577	0.087	ppbV #	82
22) trichlorofluoromethane	2.189		0	N.D.		
23) isopropyl alcohol	2.264	45	1050	0.092	ppbV	99
27) 1,1-dichloroethene	2.430		0	N.D.		
28) tertiary butyl alcohol	2.450		0	N.D.		
29) methylene chloride	2.465	49	293	0.044	ppbV	95
30) 3-chloropropene	2.348		0	N.D.		
31) carbon disulfide	2.550		0	N.D.		
32) Freon 113	2.500		0	N.D.		
33) trans-1,2-dichloroethene	2.783		0	N.D.		
34) 1,1-dichloroethane	2.890		0	N.D.		
35) MTBE	2.857		0	N.D.		
37) 2-butanone	3.017		0	N.D.		
38) cis-1,2-dichloroethene	3.173		0	N.D.		
39) Ethyl Acetate	3.253		0	N.D.		
40) chloroform	3.293		0	N.D.		
41) Tetrahydrofuran	3.500		0	N.D.		
43) 1,2-dichloroethane	3.620		0	N.D.		
45) hexane	3.267		0	N.D.		

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281649.D
Acq On : 4 Mar 2026 6:57 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-4,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:48:59 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) 1,1,1-trichloroethane	3.740		0	N.D.		
51) benzene	3.967		0	N.D.		
53) carbon tetrachloride	4.040		0	N.D.		
54) cyclohexane	4.027		0	N.D.		
57) 1,2-dichloropropane	0.000		0	N.D.		
58) bromodichloromethane	4.387		0	N.D.		
59) 1,4-dioxane	0.000		0	N.D.		
60) trichloroethene	4.513		0	N.D.		
61) 2,2,4-trimethylpentane	4.520		0	N.D.		
63) heptane	4.587		0	N.D.		
64) cis-1,3-dichloropropene	4.960		0	N.D.		
65) 4-methyl-2-pentanone	4.893		0	N.D.		
66) trans-1,3-dichloropropene	5.240		0	N.D.		
67) 1,1,2-trichloroethane	5.467		0	N.D.		
69) toluene	5.380		0	N.D.		
73) 2-hexanone	5.640		0	N.D.		
75) dibromochloromethane	5.653		0	N.D.		
76) 1,2-dibromoethane	5.740		0	N.D.		
79) tetrachloroethene	5.993		0	N.D.		
81) chlorobenzene	6.360		0	N.D.		
82) ethylbenzene	6.580		0	N.D.		
84) m+p-xylene	6.580		0	N.D.		
85) bromoform	6.673		0	N.D.		
86) styrene	6.840		0	N.D.		
87) 1,1,2,2-tetrachloroethane	6.907		0	N.D.		
88) o-xylene	6.873		0	N.D.		
97) 4-ethyl toluene	7.553		0	N.D.		
98) 1,3,5-trimethylbenzene	7.600		0	N.D.		
100) 1,2,4-trimethylbenzene	0.000		0	N.D.	d	
102) Benzyl Chloride	7.893		0	N.D.		
103) 1,3-dichlorobenzene	7.847		0	N.D.		
104) 1,4-dichlorobenzene	7.927		0	N.D.		
108) 1,2-dichlorobenzene	8.107		0	N.D.		
116) 1,2,4-trichlorobenzene	9.115		0	N.D.		
117) naphthalene	9.175		0	N.D.		
120) hexachlorobutadiene	9.385		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281649.D
Acq On : 4 Mar 2026 6:57 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-4,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:48:59 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

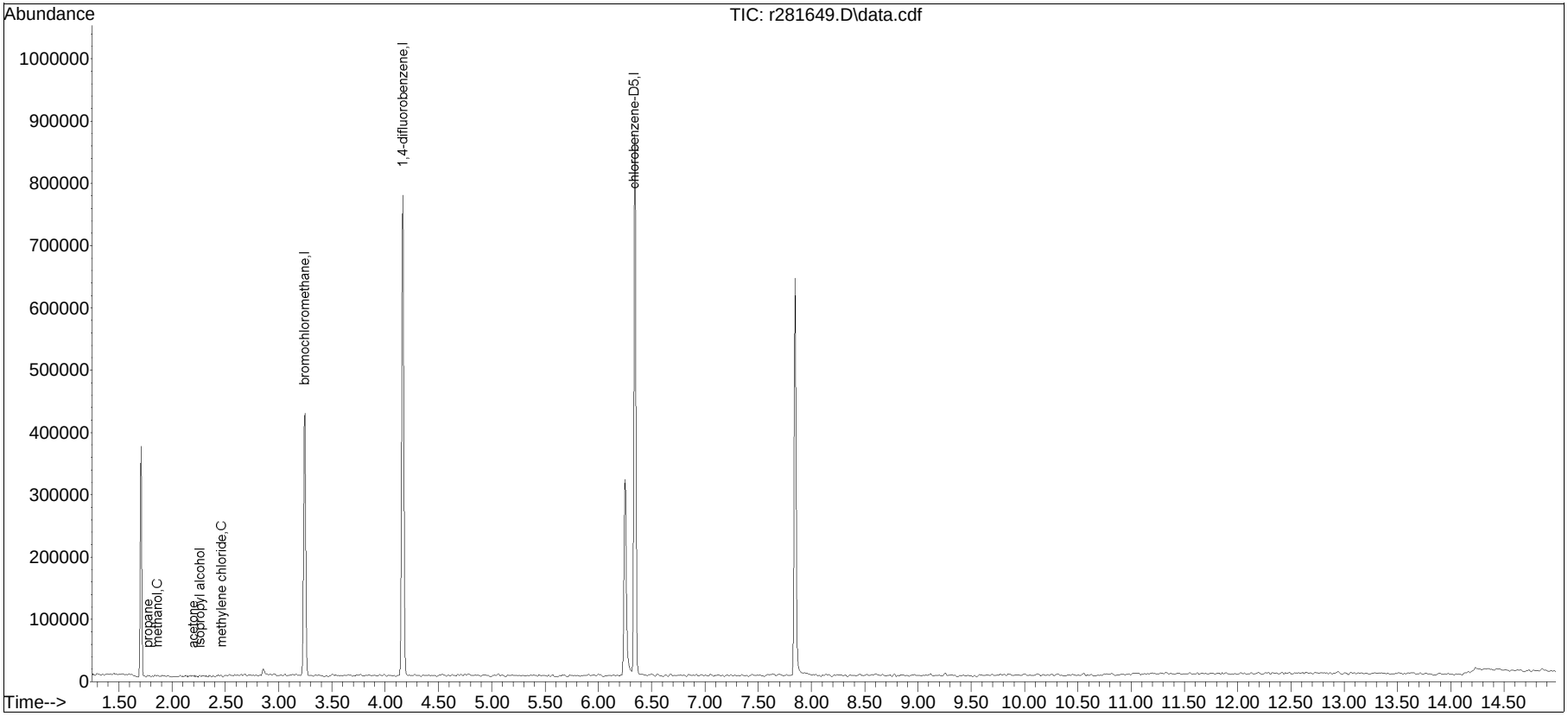
CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : Default-LCS-AP2 - All compounds listed

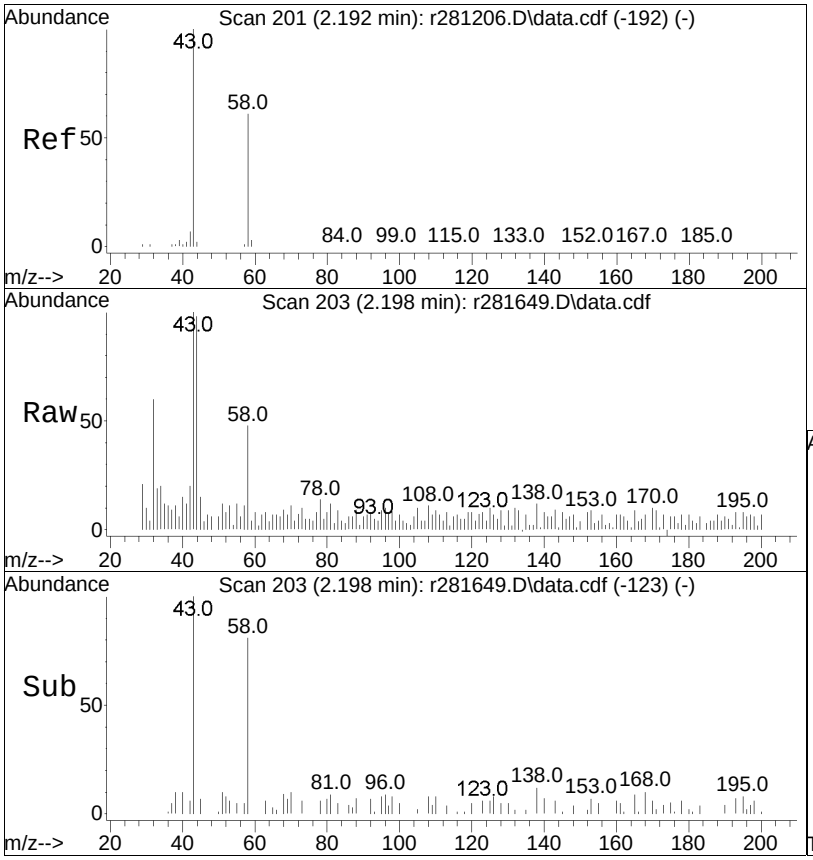
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listedr281646.D

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281649.D
Acq On : 4 Mar 2026 6:57 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-4,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:48:59 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

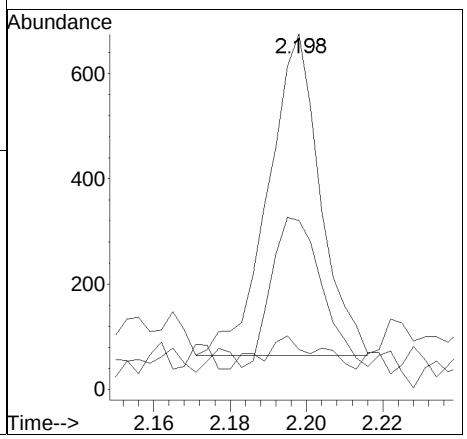


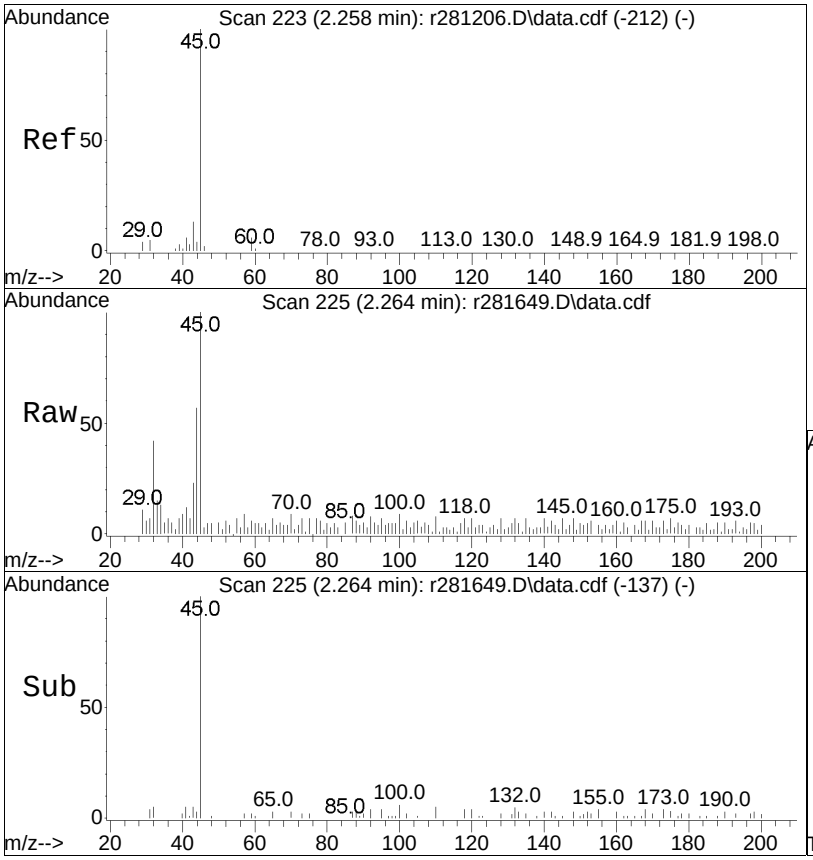


#20
acetone
Concen: 0.09 ppbV
RT: 2.198 min Scan# 203
Delta R.T. 0.006 min
Lab File: r281649.D
Acq: 4 Mar 2026 6:57 PM

Tgt Ion: 43 Resp: 577

Ion	Ratio	Lower	Upper
43	100		
58	47.6	49.0	73.4#
57	11.3	1.4	2.0#

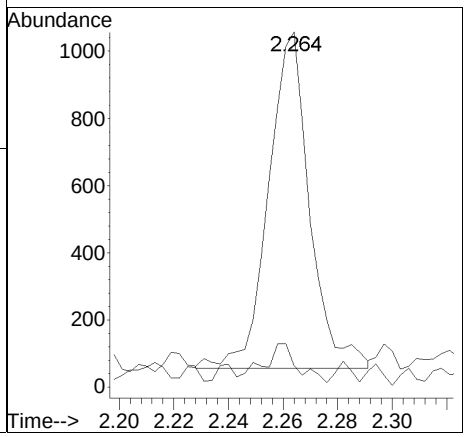


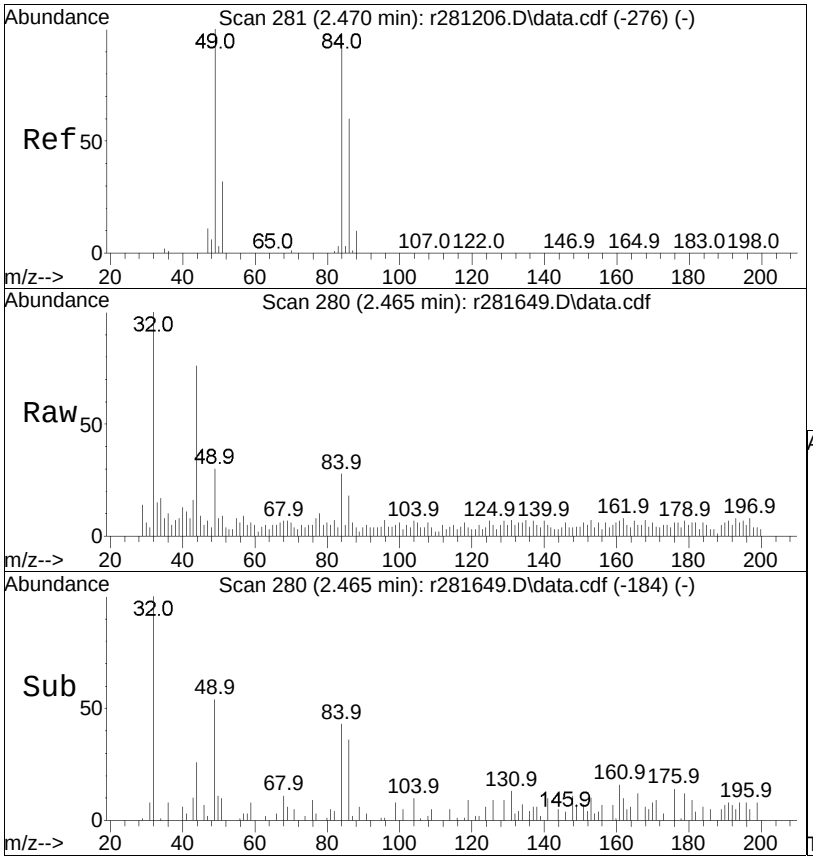


#23
isopropyl alcohol
Concen: 0.09 ppbV
RT: 2.264 min Scan# 225
Delta R.T. 0.006 min
Lab File: r281649.D
Acq: 4 Mar 2026 6:57 PM

Tgt Ion: 45 Resp: 1050

Ion	Ratio	Lower	Upper
45	100		
59	6.1	4.6	7.0

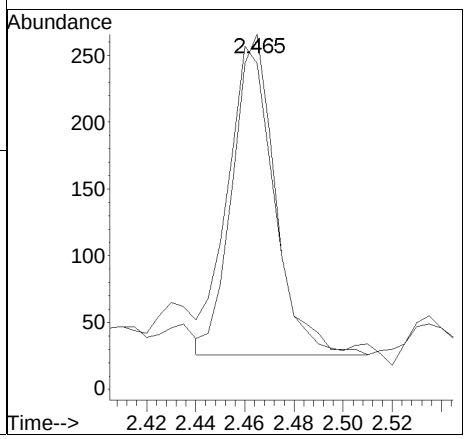




#29
methylene chloride
Concen: 0.04 ppbV
RT: 2.465 min Scan# 280
Delta R.T. -0.005 min
Lab File: r281649.D
Acq: 4 Mar 2026 6:57 PM

Tgt Ion: 49 Resp: 293

Ion	Ratio	Lower	Upper
49	100		
84	91.7	77.6	116.4



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab28\20	QMethod	: TFS28_2600210.M
Data File	: r281649.D	Operator	: AIRLAB28:TPH
Date Inj'd	: 3/4/2026 6:57 PM	Instrument	:
Sample	: WG2181463-4,3,250,250	Quant Date	: 3/5/2026 7:48 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281646.D
Acq On : 4 Mar 2026 1:48 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-3,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 14:44:01 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	bromochloromethane	10.000	10.000	0.0	66	0.00
3		chlorodifluoromethane	10.000	13.376	-33.8#	84	0.00
4		propylene	10.000	10.693	-6.9	74	0.00
5		propane	10.000	7.677	23.2	48	0.00
6		dichlorodifluoromethane	10.000	7.370	26.3	54	0.00
7	C	chloromethane	10.000	9.274	7.3	64	0.00
8		Freon-114	10.000	9.464	5.4	63	0.00
9	C	methanol	50.000	34.070	31.9#	42	0.00
10	C	vinyl chloride	10.000	9.048	9.5	62	0.00
11	C	1,3-butadiene	10.000	8.905	11.0	62	0.00
12		butane	10.000	9.843	1.6	67	0.00
14	C	bromomethane	10.000	11.114	-11.1	77	0.00
15	C	chloroethane	10.000	10.389	-3.9	68	0.00
16		ethanol	50.000	36.000	28.0	49	0.00
17		dichlorofluoromethane	10.000	9.094	9.1	60	0.00
18	C	vinyl bromide	10.000	9.305	7.0	65	0.00
19	C	acrolein	10.000	6.972	30.3#	46	0.00
20		acetone	50.000	57.009	-14.0	80	0.00
21	C	acetonitrile	10.000	8.386	16.1	58	0.00
22		trichlorofluoromethane	10.000	10.142	-1.4	69	0.00
23		isopropyl alcohol	25.000	21.641	13.4	72	0.00
24	C	acrylonitrile	10.000	7.636	23.6	52	0.00
25		pentane	10.000	9.070	9.3	54	0.00
26		ethyl ether	10.000	8.302	17.0	52	0.00
27	C	1,1-dichloroethene	10.000	10.742	-7.4	74	0.00
28		tertiary butyl alcohol	10.000	8.140	18.6	55	0.00
29	C	methylene chloride	10.000	10.560	-5.6	70	0.00
30	C	3-chloropropene	10.000	10.905	-9.0	77	0.00
31	C	carbon disulfide	10.000	9.726	2.7	68	0.00
32		Freon 113	10.000	11.292	-12.9	74	0.00
33		trans-1,2-dichloroethene	10.000	10.567	-5.7	73	0.00
34	C	1,1-dichloroethane	10.000	10.349	-3.5	70	0.00
35	C	MTBE	10.000	10.751	-7.5	75	0.00
36	C	vinyl acetate	10.000	7.384	26.2	49	0.00
37	C	2-butanone	10.000	11.977	-19.8	82	0.00
38		cis-1,2-dichloroethene	10.000	10.621	-6.2	73	0.00
39		Ethyl Acetate	10.000	11.595	-16.0	70	0.00
40	C	chloroform	10.000	10.881	-8.8	73	0.00
41		Tetrahydrofuran	10.000	12.936	-29.4	89	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281646.D
Acq On : 4 Mar 2026 1:48 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-3,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 14:44:01 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42		2,2-dichloropropane	10.000	9.609	3.9	62	0.00
43	C	1,2-dichloroethane	10.000	9.460	5.4	64	0.00
44	I	1,4-difluorobenzene	10.000	10.000	0.0	72	0.00
45	C	hexane	10.000	9.300	7.0	77	0.00
46		diisopropyl ether	10.000	10.123	-1.2	77	0.00
47		tert-butyl ethyl ether	10.000	8.677	13.2	61	0.00
49	C	1,1,1-trichloroethane	10.000	10.006	-0.1	67	0.00
50		1,1-dichloropropene	10.000	10.569	-5.7	75	0.00
51	C	benzene	10.000	9.923	0.8	73	0.00
53	C	carbon tetrachloride	10.000	9.836	1.6	71	0.00
54		cyclohexane	10.000	9.853	1.5	74	0.00
55		tert-amyl methyl ether	10.000	8.918	10.8	63	0.00
56		dibromomethane	10.000	9.632	3.7	68	0.00
57	C	1,2-dichloropropane	10.000	10.102	-1.0	73	0.00
58		bromodichloromethane	10.000	10.290	-2.9	76	0.00
59	C	1,4-dioxane	10.000	10.233	-2.3	80	0.00
60	C	trichloroethene	10.000	11.100	-11.0	82	0.00
61	C	2,2,4-trimethylpentane	10.000	10.063	-0.6	75	0.00
62		methyl methacrylate	10.000	10.212	-2.1	73	0.00
63		heptane	10.000	11.543	-15.4	87	0.00
64	C	cis-1,3-dichloropropene	10.000	11.101	-11.0	82	0.00
65	C	4-methyl-2-pentanone	10.000	11.308	-13.1	82	0.00
66		trans-1,3-dichloropropene	10.000	11.176	-11.8	83	0.00
67	C	1,1,2-trichloroethane	10.000	10.188	-1.9	74	0.00
68	I	chlorobenzene-D5	10.000	10.000	0.0	62	0.00
69	C	toluene	10.000	12.114	-21.1	77	0.00
72		1,3-dichloropropane	10.000	10.525	-5.3	65	0.00
73		2-hexanone	10.000	12.134	-21.3	78	0.00
75		dibromochloromethane	10.000	12.337	-23.4	80	0.00
76	C	1,2-dibromoethane	10.000	11.673	-16.7	74	0.00
77		butyl acetate	10.000	9.868	1.3	62	0.00
78		octane	10.000	10.927	-9.3	68	0.00
79	C	tetrachloroethene	10.000	11.946	-19.5	75	0.00
80		1,1,1,2-tetrachloroethane	10.000	10.723	-7.2	65	0.00
81	C	chlorobenzene	10.000	11.336	-13.4	70	0.00
82	C	ethylbenzene	10.000	11.827	-18.3	73	0.00
84	C	m+p-xylene	20.000	23.840	-19.2	73	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281646.D
Acq On : 4 Mar 2026 1:48 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-3,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 14:44:01 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
85	C	bromoform	10.000	12.112	-21.1	76	0.00
86	C	styrene	10.000	11.565	-15.6	73	0.00
87	C	1,1,2,2-tetrachloroethane	10.000	12.112	-21.1	75	0.00
88	C	o-xylene	10.000	11.883	-18.8	73	0.00
89		1,2,3-trichloropropane	10.000	10.545	-5.4	64	0.00
90		nonane	10.000	11.693	-16.9	70	0.00
92	C	isopropylbenzene	10.000	10.665	-6.6	63	0.00
93		bromobenzene	10.000	10.746	-7.5	66	0.00
94		2-chlorotoluene	10.000	12.064	-20.6	73	0.00
95		n-propylbenzene	10.000	11.366	-13.7	67	0.00
96		4-chlorotoluene	10.000	11.361	-13.6	67	0.00
97		4-ethyl toluene	10.000	11.618	-16.2	72	0.00
98		1,3,5-trimethylbenzene	10.000	11.927	-19.3	71	0.00
99		tert-butylbenzene	10.000	11.223	-12.2	65	0.00
100		1,2,4-trimethylbenzene	10.000	11.973	-19.7	71	0.00
101		decane	10.000	10.400	-4.0	60	0.00
102	C	Benzyl Chloride	10.000	8.979	10.2	55	0.00
103		1,3-dichlorobenzene	10.000	13.121	-31.2#	77	0.00
104	C	1,4-dichlorobenzene	10.000	12.759	-27.6	75	0.00
105		sec-butylbenzene	10.000	10.587	-5.9	62	0.00
107		p-isopropyltoluene	10.000	11.386	-13.9	65	0.00
108		1,2-dichlorobenzene	10.000	12.748	-27.5	76	0.00
109		n-butylbenzene	10.000	11.819	-18.2	67	0.00
112	C	1,2-dibromo-3-chloropropane	10.000	10.556	-5.6	59	0.00
113		undecane	10.000	11.069	-10.7	60	0.00
115		dodecane	10.000	12.369	-23.7	60	0.00
116	C	1,2,4-trichlorobenzene	10.000	13.795	-38.0#	74	0.00
117		naphthalene	10.000	13.009	-30.1#	69	0.00
118		1,2,3-trichlorobenzene	10.000	13.064	-30.6#	67	0.00
120	C	hexachlorobutadiene	10.000	12.880	-28.8	68	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 3

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281646.D
Acq On : 4 Mar 2026 1:48 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-3,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 14:44:01 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.247	49	139207	10.000	ppbV	# 0.00
Standard Area = 139207			Recovery = 100.00%			
44) 1,4-difluorobenzene	4.167	114	574876	10.000	ppbV	0.00
Standard Area = 574876			Recovery = 100.00%			
68) chlorobenzene-D5	6.340	54	52481	10.000	ppbV	# 0.00
Standard Area = 52481			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
6) dichlorodifluoromethane	1.785	85	73786	7.370	ppbV	99
7) chloromethane	1.830	50	51235M6	9.274	ppbV	
8) Freon-114	1.855	85	142927	9.464	ppbV	89
10) vinyl chloride	1.885	62	70945	9.048	ppbV	99
11) 1,3-butadiene	1.920	54	55217	8.905	ppbV	88
14) bromomethane	1.990	94	63728	11.114	ppbV	98
15) chloroethane	2.035	64	42562	10.389	ppbV	99
16) ethanol	2.060	31	153131	36.000	ppbV #	80
18) vinyl bromide	2.126	106	62886	9.305	ppbV	98
20) acetone	2.192	43	381878	57.009	ppbV #	81
22) trichlorofluoromethane	2.240	101	90125	10.142	ppbV	100
23) isopropyl alcohol	2.255	45	249044	21.641	ppbV #	96
27) 1,1-dichloroethene	2.430	61	98287	10.742	ppbV	98
28) tertiary butyl alcohol	2.440	59	120085	8.140	ppbV #	91
29) methylene chloride	2.465	49	70177	10.560	ppbV	95
30) 3-chloropropene	2.500	41	101547	10.905	ppbV	94
31) carbon disulfide	2.555	76	204846	9.726	ppbV #	94
32) Freon 113	2.545	101	138861	11.292	ppbV	95
33) trans-1,2-dichloroethene	2.770	61	89351	10.567	ppbV	93
34) 1,1-dichloroethane	2.837	63	119759	10.349	ppbV	99
35) MTBE	2.863	73	184494	10.751	ppbV #	94
37) 2-butanone	3.003	43	264069	11.977	ppbV	94
38) cis-1,2-dichloroethene	3.173	61	157906	10.621	ppbV	95
39) Ethyl Acetate	3.293	61	57590M6	11.595	ppbV	
40) chloroform	3.307	83	199303	10.881	ppbV	98
41) Tetrahydrofuran	3.480	42	157268M6	12.936	ppbV	
43) 1,2-dichloroethane	3.640	62	93422	9.460	ppbV	98
45) hexane	3.267	57	238056	9.300	ppbV	88

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281646.D
Acq On : 4 Mar 2026 1:48 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-3,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 14:44:01 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) 1,1,1-trichloroethane	3.747	97	166534	10.006	ppbV		97
51) benzene	3.960	78	475128	9.923	ppbV		96
53) carbon tetrachloride	4.033	117	148925	9.836	ppbV	#	97
54) cyclohexane	4.087	56	243132	9.853	ppbV		89
57) 1,2-dichloropropane	4.373	63	154274	10.102	ppbV		99
58) bromodichloromethane	4.480	83	202197	10.290	ppbV		99
59) 1,4-dioxane	4.513	88	106294	10.233	ppbV		100
60) trichloroethene	4.493	130	224470	11.100	ppbV		95
61) 2,2,4-trimethylpentane	4.520	57	727424	10.063	ppbV		95
63) heptane	4.673	43	265827	11.543	ppbV		92
64) cis-1,3-dichloropropene	4.953	75	238244	11.101	ppbV		97
65) 4-methyl-2-pentanone	4.993	43	291177	11.308	ppbV		92
66) trans-1,3-dichloropropene	5.240	75	165769	11.176	ppbV		96
67) 1,1,2-trichloroethane	5.313	97	170826	10.188	ppbV		99
69) toluene	5.447	91	579186	12.114	ppbV		98
73) 2-hexanone	5.633	43	271014	12.134	ppbV		89
75) dibromochloromethane	5.660	129	231312	12.337	ppbV		99
76) 1,2-dibromoethane	5.780	107	250746	11.673	ppbV		98
79) tetrachloroethene	6.020	166	241392	11.946	ppbV		95
81) chlorobenzene	6.360	112	466718	11.336	ppbV		99
82) ethylbenzene	6.567	91	681111	11.827	ppbV		96
84) m+p-xylene	6.660	91	1092781	23.840	ppbV		95
85) bromoform	6.673	173	190446	12.112	ppbV		97
86) styrene	6.840	104	513771	11.565	ppbV		100
87) 1,1,2,2-tetrachloroethane	6.900	83	372113	12.112	ppbV		99
88) o-xylene	6.887	91	546498	11.883	ppbV		96
97) 4-ethyl toluene	7.540	105	782134	11.618	ppbV		95
98) 1,3,5-trimethylbenzene	7.580	105	695869	11.927	ppbV		94
100) 1,2,4-trimethylbenzene	7.793	105	677113	11.973	ppbV	#	88
102) Benzyl Chloride	7.873	91	377231	8.979	ppbV		96
103) 1,3-dichlorobenzene	7.867	146	512097M4	13.121	ppbV		
104) 1,4-dichlorobenzene	7.907	146	514579	12.759	ppbV		97
108) 1,2-dichlorobenzene	8.093	146	493462	12.748	ppbV		92
116) 1,2,4-trichlorobenzene	9.107	180	388391	13.795	ppbV		98
117) naphthalene	9.160	128	1149699	13.009	ppbV		97
120) hexachlorobutadiene	9.370	225	287827	12.880	ppbV		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281646.D
Acq On : 4 Mar 2026 1:48 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-3,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 14:44:01 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

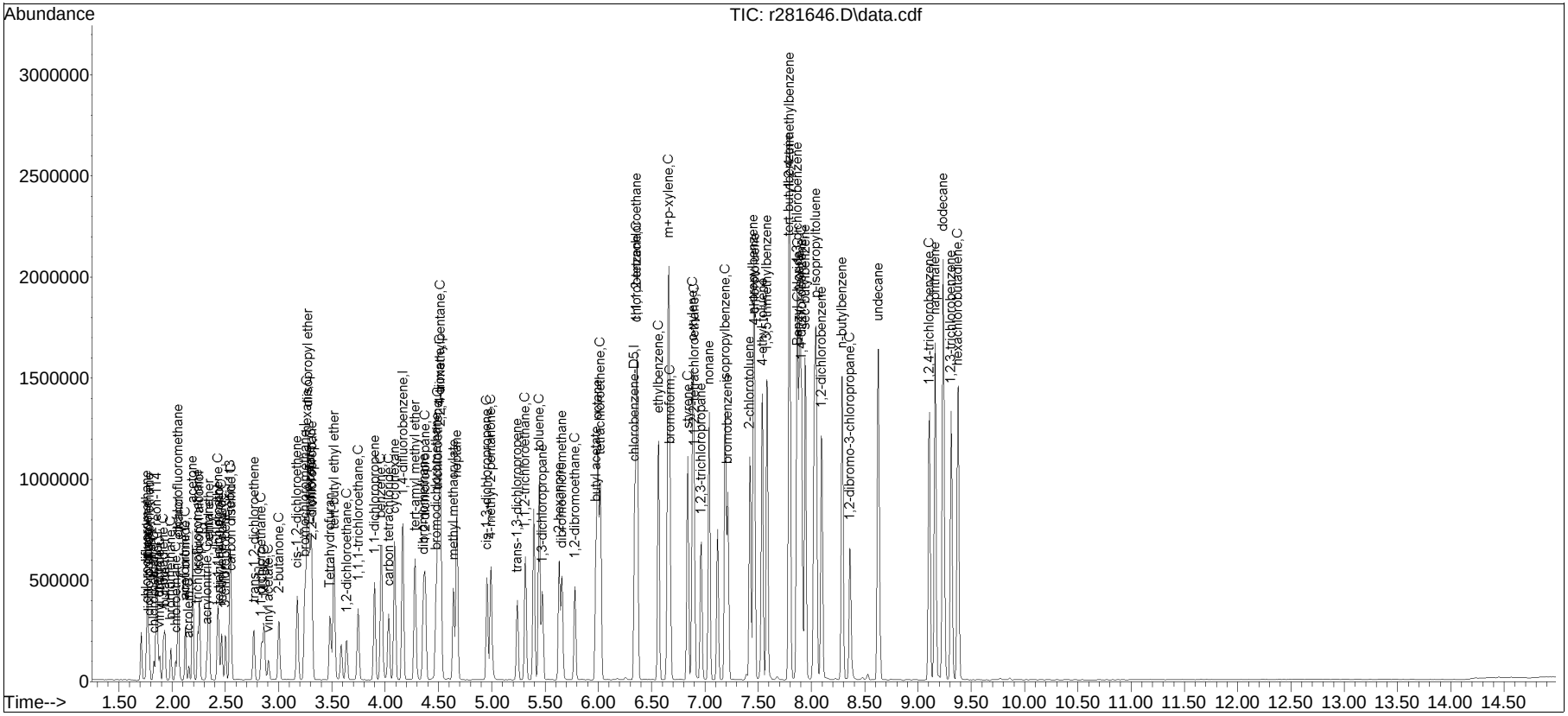
CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : Default-LCS-AP2 - All compounds listed

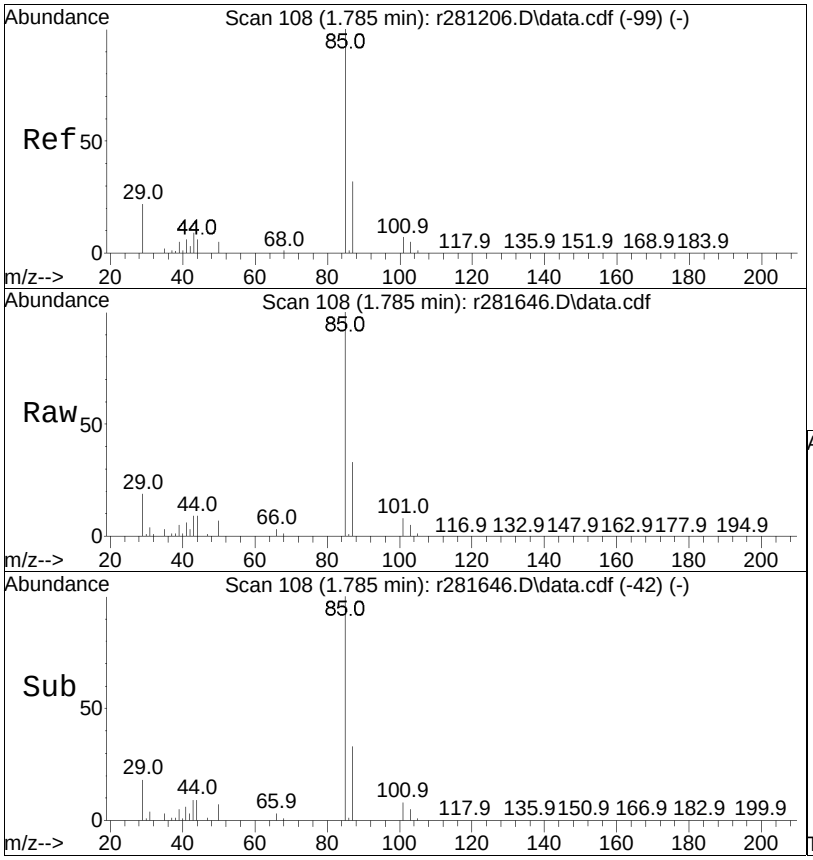
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listedr281646.D

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281646.D
Acq On : 4 Mar 2026 1:48 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-3,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 14:44:01 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:39 2026
Response via : Initial Calibration

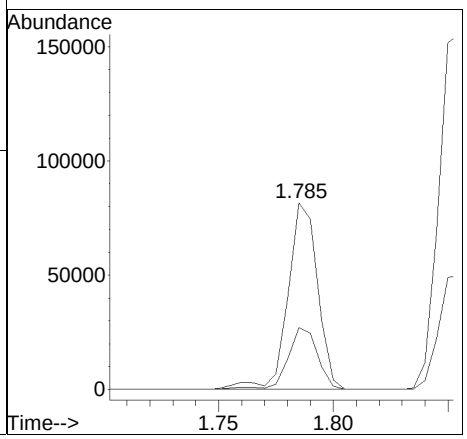


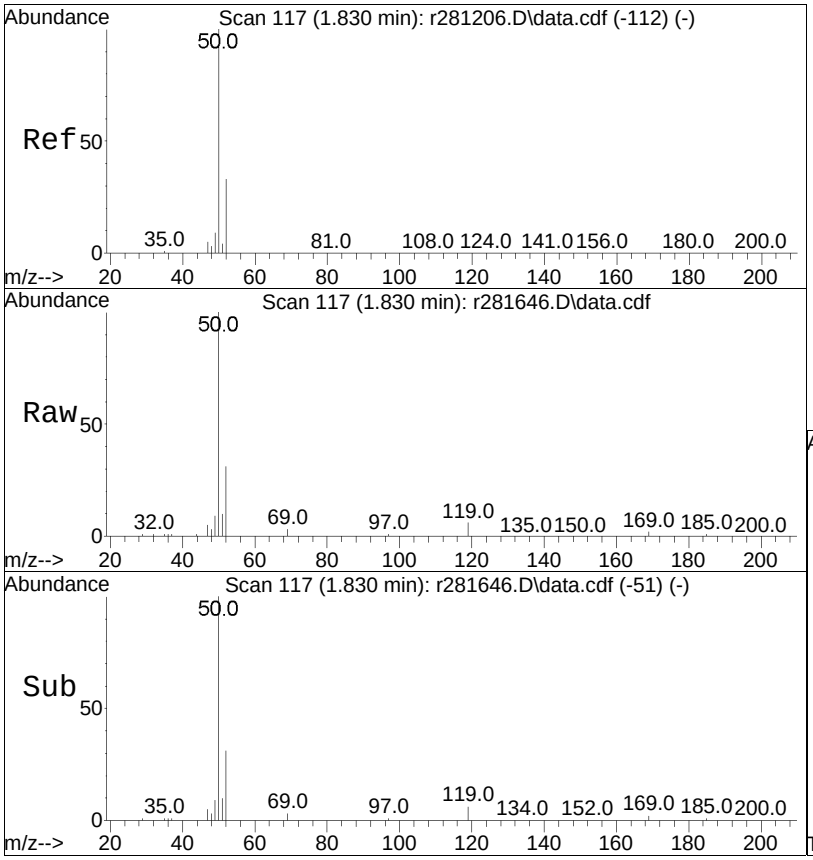


#6
dichlorodifluoromethane
Concen: 7.37 ppbV
RT: 1.785 min Scan# 108
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 85 Resp: 73786

Ion	Ratio	Lower	Upper
85	100		
87	33.1	25.8	38.8

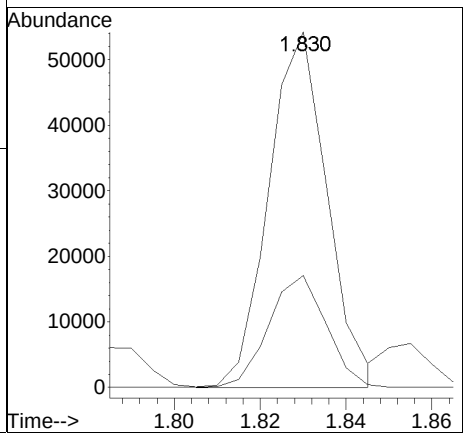


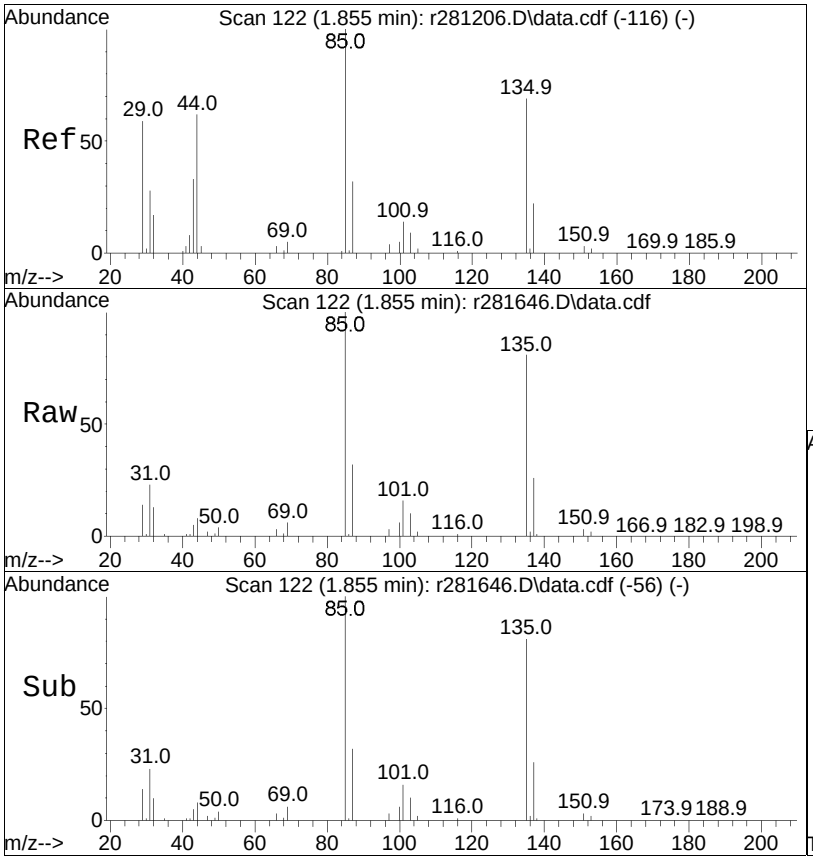


#7
chloromethane
Concen: 9.27 ppbV m
RT: 1.830 min Scan# 117
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 50 Resp: 51235

Ion	Ratio	Lower	Upper
50	100		
52	31.5	26.7	40.1

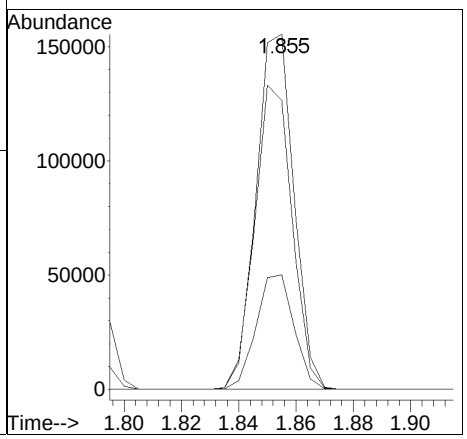


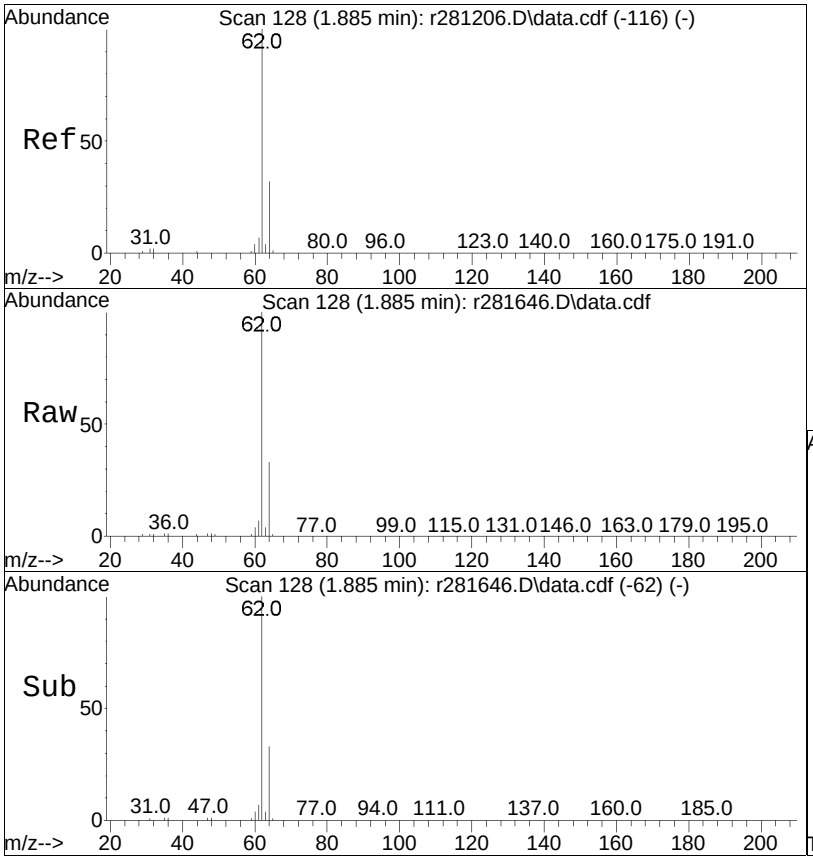


#8
Freon-114
Concen: 9.46 ppbV
RT: 1.855 min Scan# 122
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 85 Resp: 142927

Ion	Ratio	Lower	Upper
85	100		
87	32.2	25.3	37.9
135	81.3	55.2	82.8

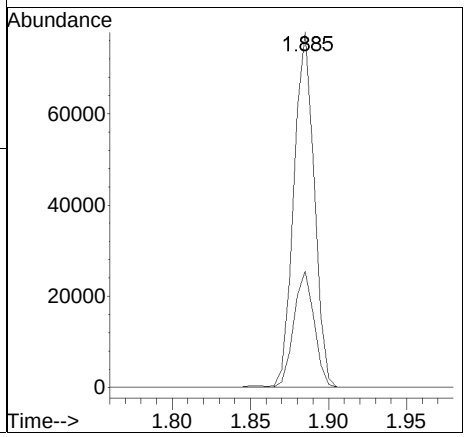


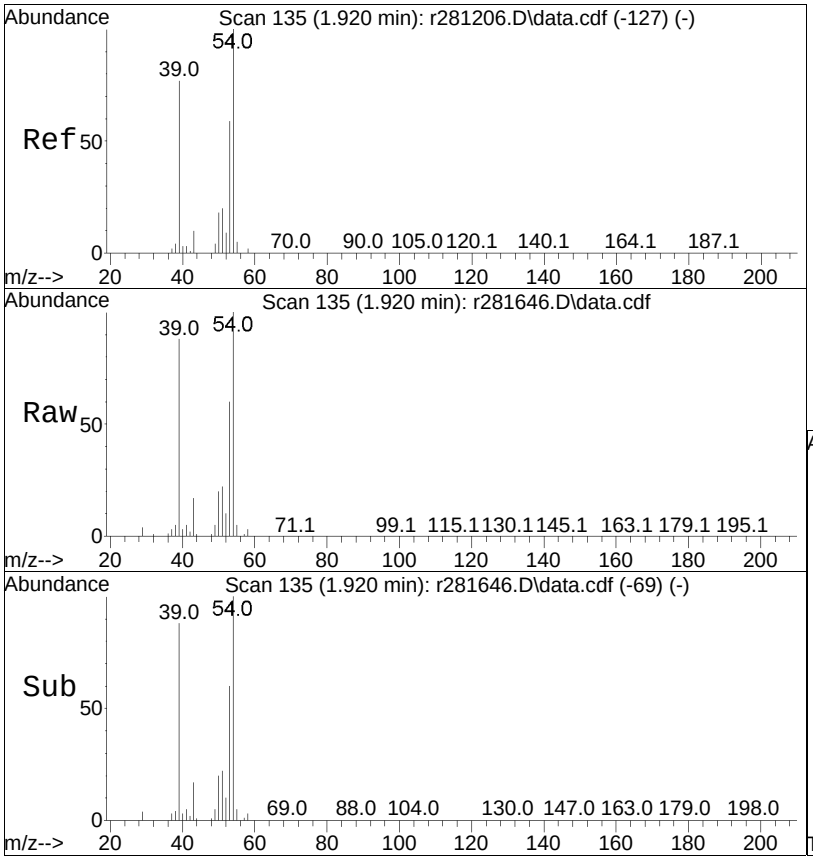


#10
vinyl chloride
Concen: 9.05 ppbV
RT: 1.885 min Scan# 128
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 62 Resp: 70945

Ion	Ratio	Lower	Upper
62	100		
64	32.8	25.8	38.8

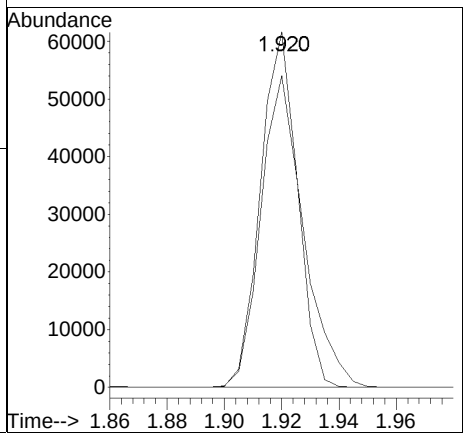


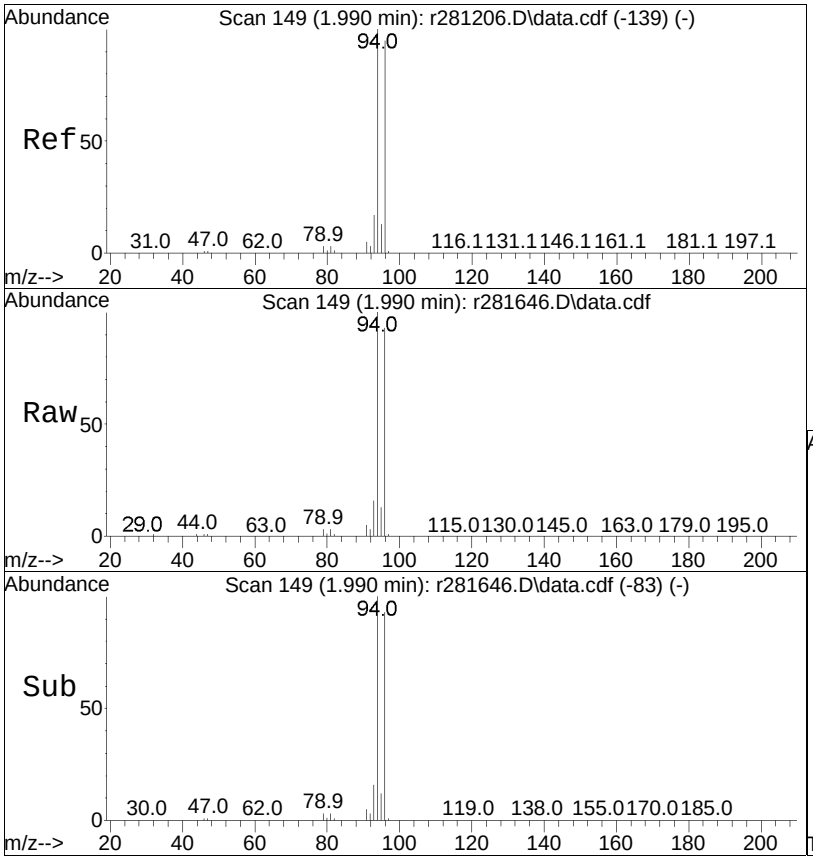


#11
1,3-butadiene
Concen: 8.91 ppbV
RT: 1.920 min Scan# 135
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 54 Resp: 55217

Ion	Ratio	Lower	Upper
54	100		
39	87.7	61.6	92.4

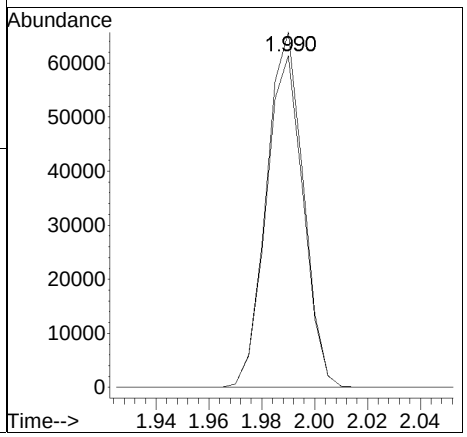


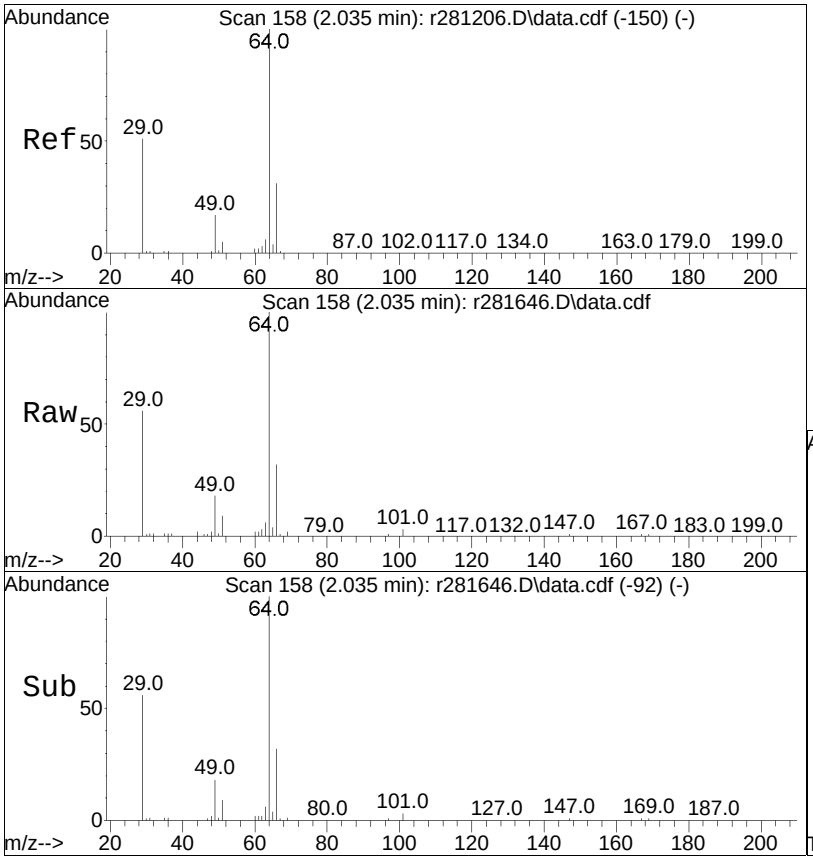


#14
bromomethane
Concen: 11.11 ppbV
RT: 1.990 min Scan# 149
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 94 Resp: 63728

Ion	Ratio	Lower	Upper
94	100		
96	93.4	76.2	114.2

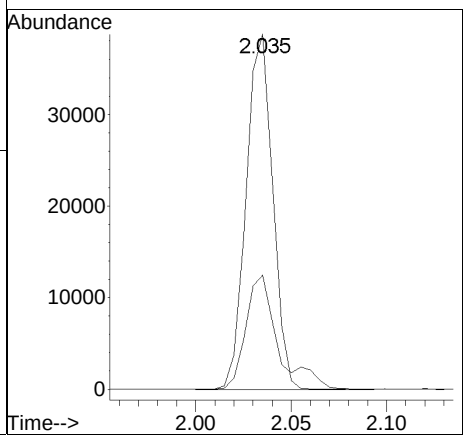


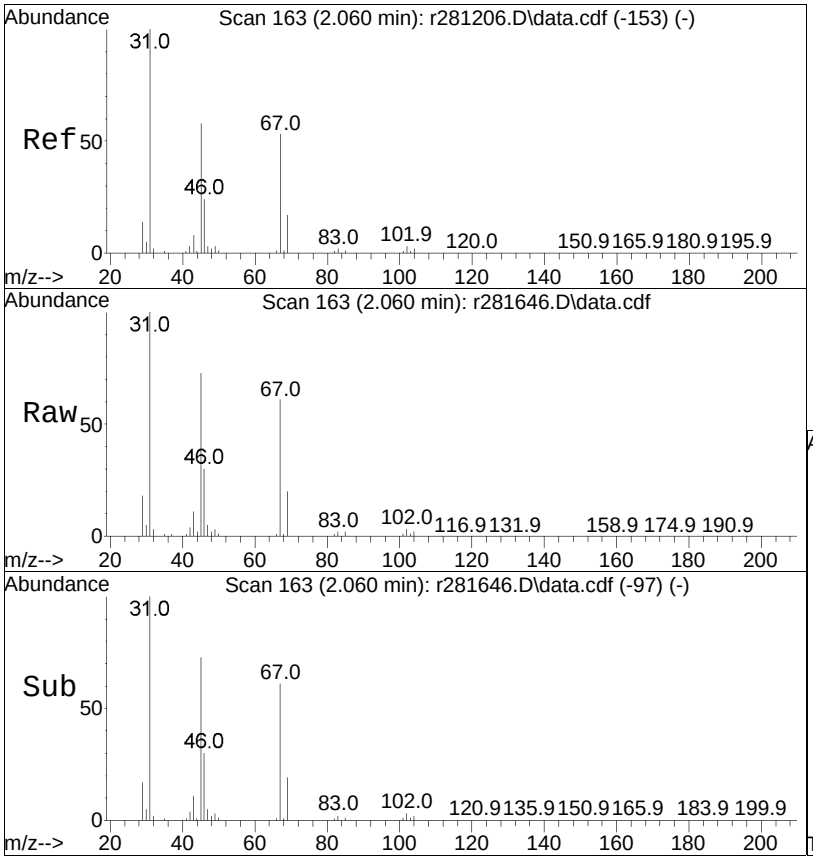


#15
chloroethane
Concen: 10.39 ppbV
RT: 2.035 min Scan# 158
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 64 Resp: 42562

Ion	Ratio	Lower	Upper
64	100		
66	32.2	25.1	37.7

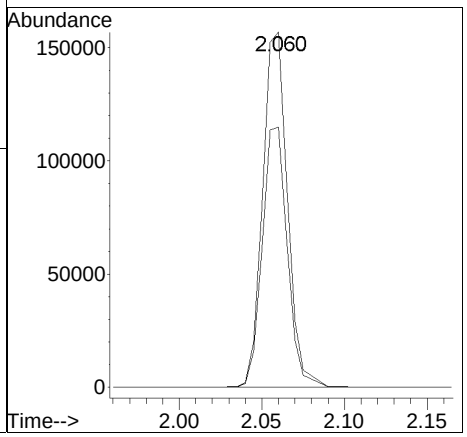


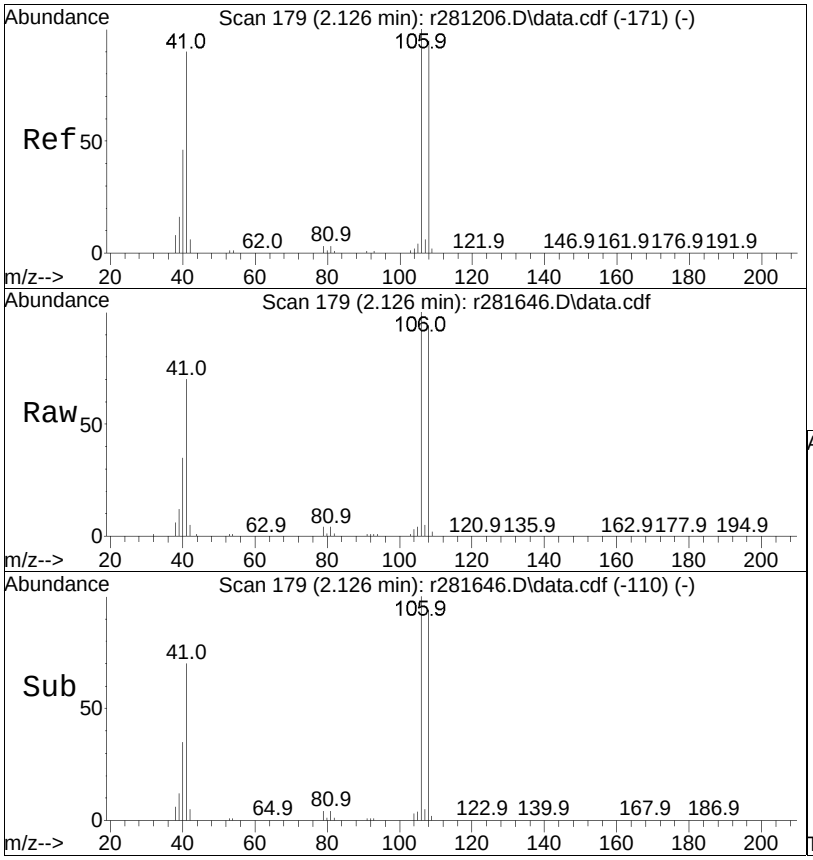


#16
ethanol
Concen: 36.00 ppbV
RT: 2.060 min Scan# 163
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 31 Resp: 153131

Ion	Ratio	Lower	Upper
31	100		
45	73.3	46.8	70.2#

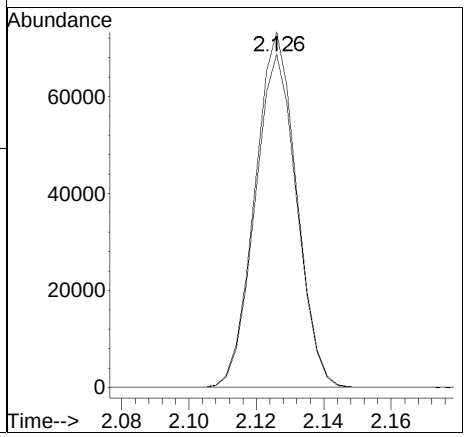


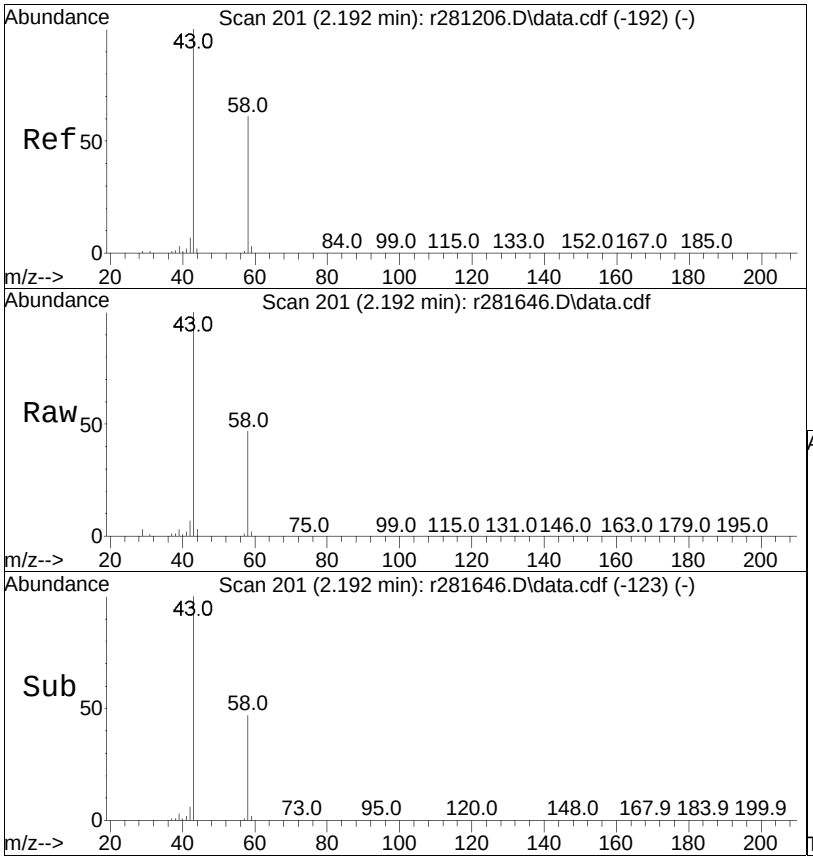


#18
vinyl bromide
Concen: 9.31 ppbV
RT: 2.126 min Scan# 179
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:106 Resp: 62886

Ion	Ratio	Lower	Upper
106	100		
108	93.8	76.4	114.6

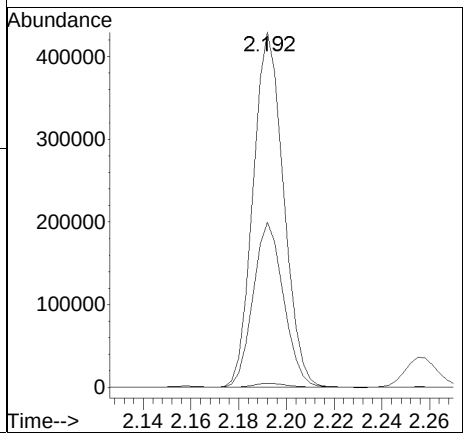


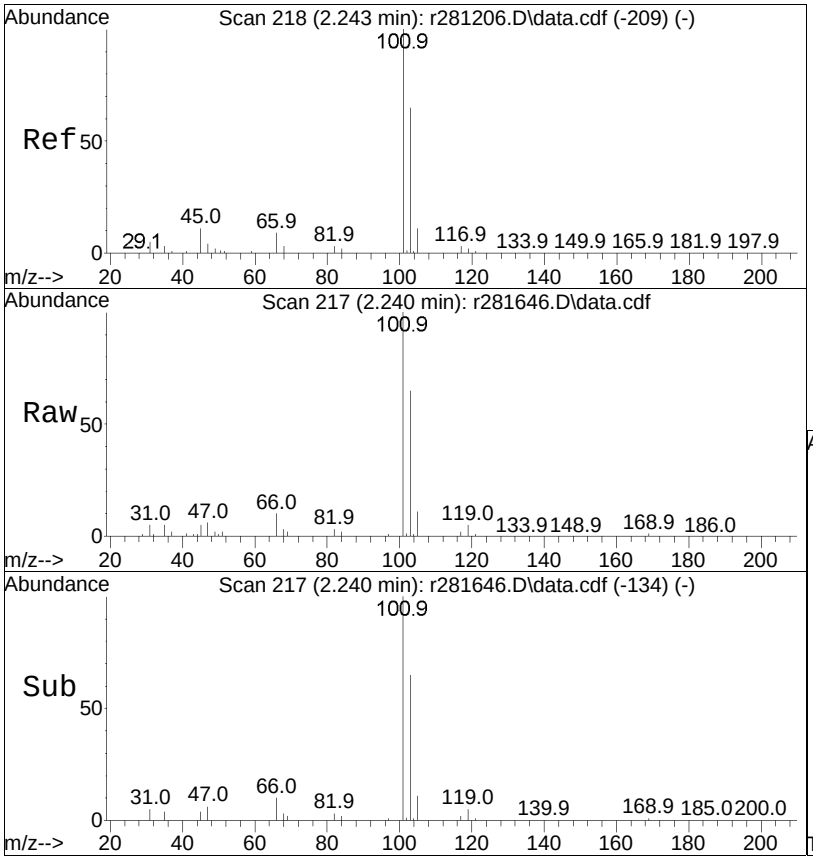


#20
acetone
Concen: 57.01 ppbV
RT: 2.192 min Scan# 201
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 43 Resp: 381878

Ion	Ratio	Lower	Upper
43	100		
58	46.5	49.0	73.4#
57	1.2	1.4	2.0#

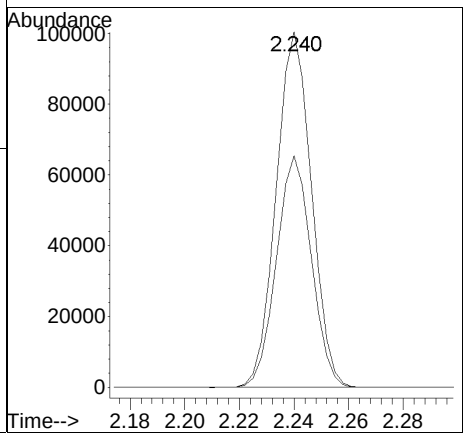


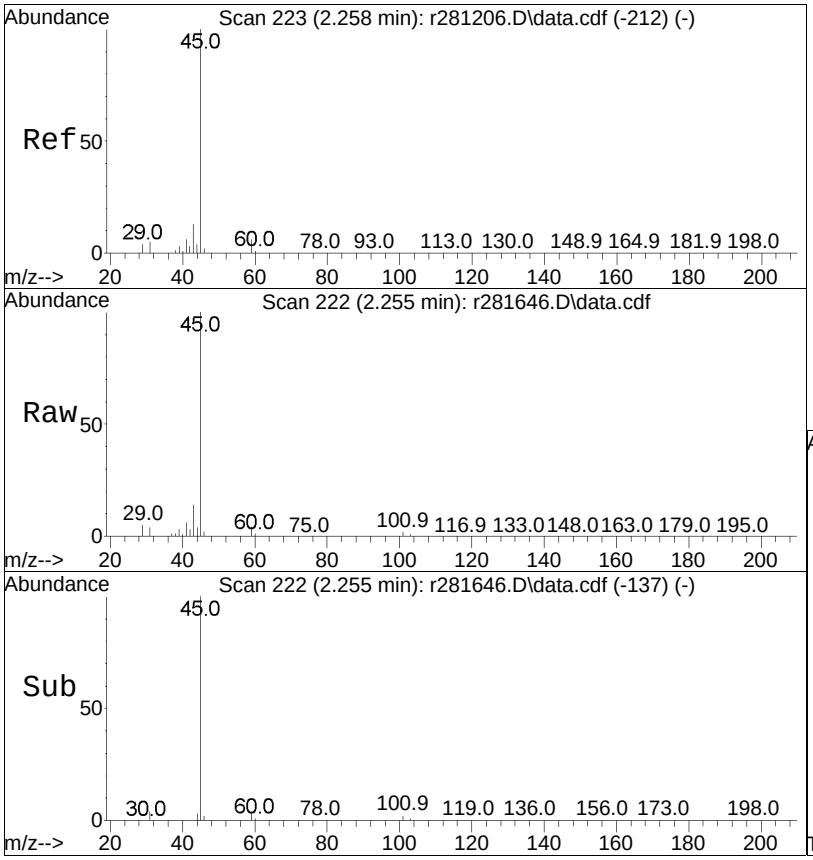


#22
trichlorofluoromethane
Concen: 10.14 ppbV
RT: 2.240 min Scan# 217
Delta R.T. -0.003 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:101 Resp: 90125

Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.4	78.6

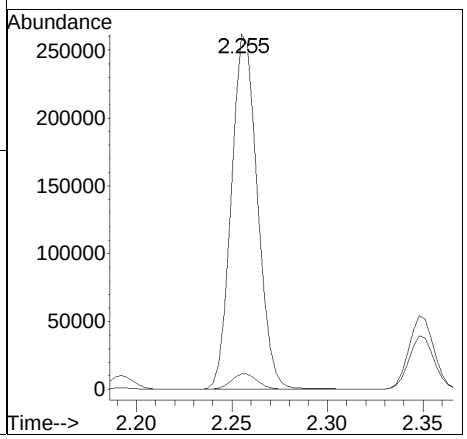


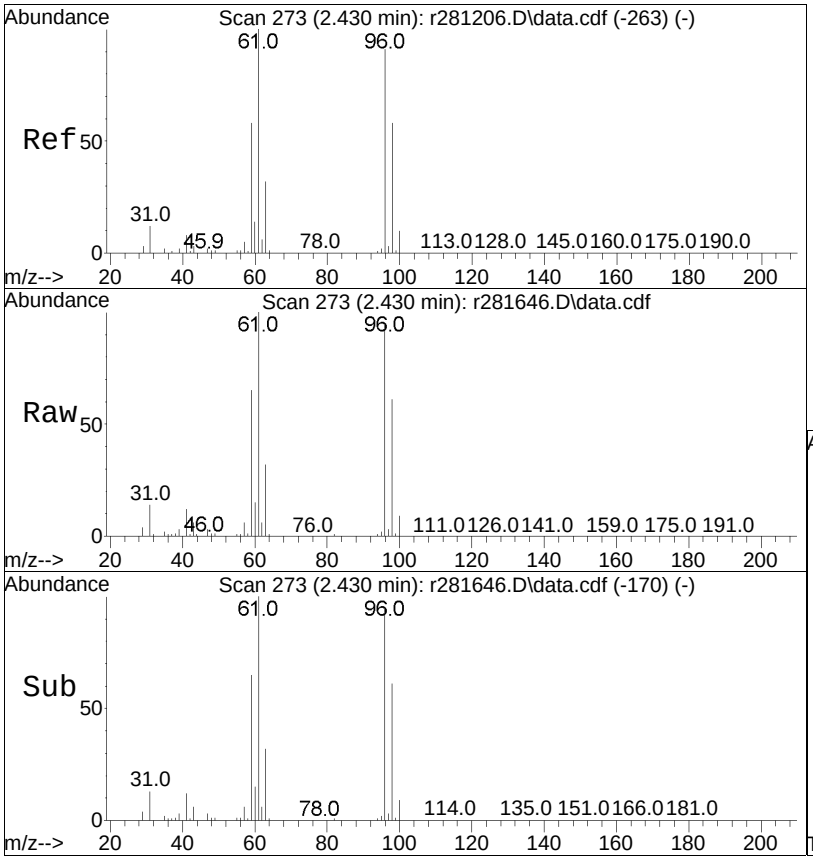


#23
isopropyl alcohol
Concen: 21.64 ppbV
RT: 2.255 min Scan# 222
Delta R.T. -0.003 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 45 Resp: 249044

Ion	Ratio	Lower	Upper
45	100		
59	4.4	4.6	7.0#

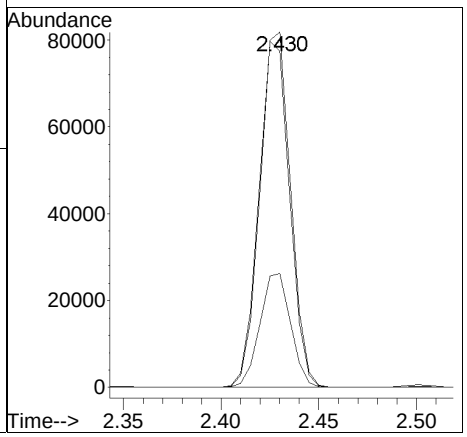


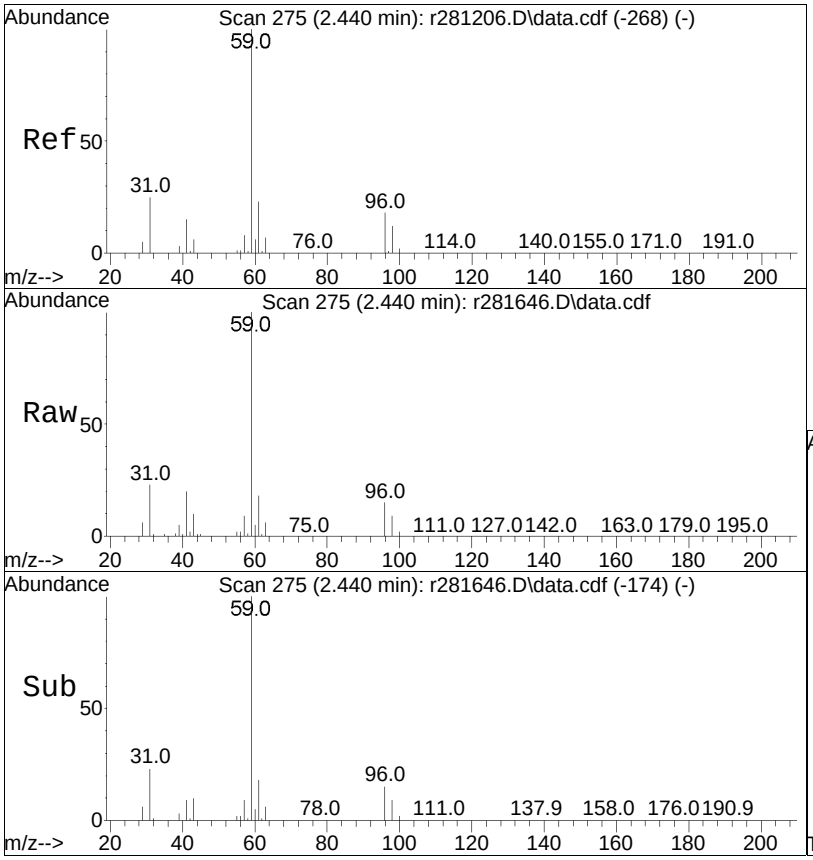


#27
1,1-dichloroethene
Concen: 10.74 ppbV
RT: 2.430 min Scan# 273
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 61 Resp: 98287

Ion	Ratio	Lower	Upper
61	100		
96	94.6	73.4	110.2
63	32.0	25.6	38.4

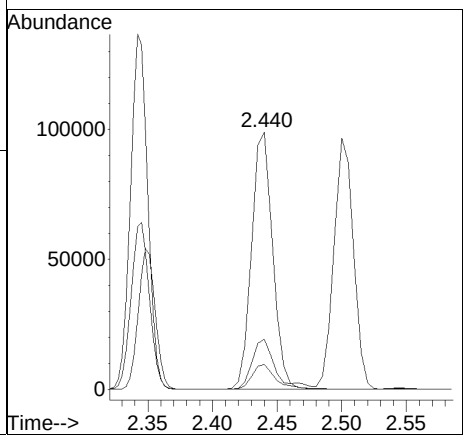


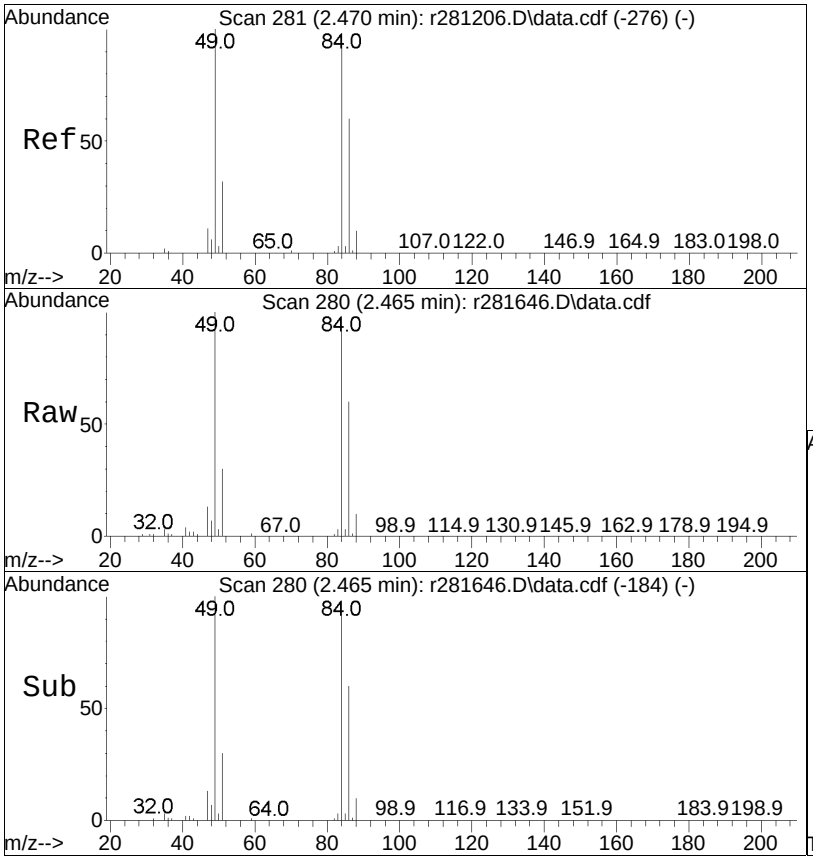


#28
tertiary butyl alcohol
Concen: 8.14 ppbV
RT: 2.440 min Scan# 275
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 59 Resp: 120085

Ion	Ratio	Lower	Upper
59	100		
41	19.5	12.5	18.7#
43	9.7	5.5	8.3#

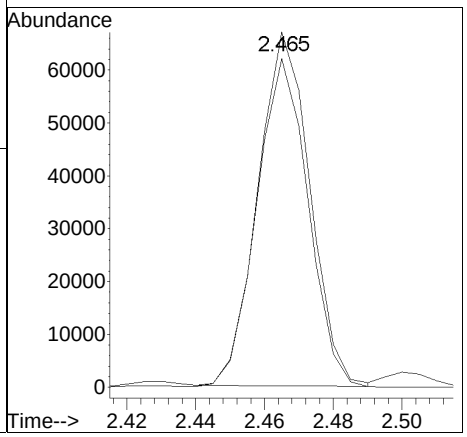


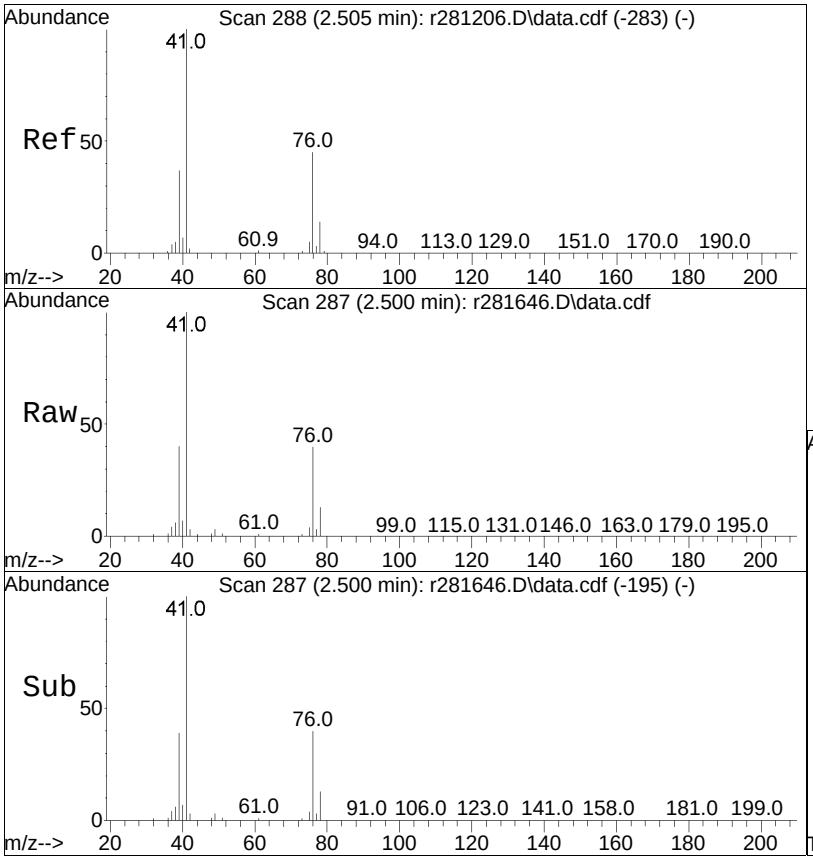


#29
methylene chloride
Concen: 10.56 ppbV
RT: 2.465 min Scan# 280
Delta R.T. -0.005 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 49 Resp: 70177

Ion	Ratio	Lower	Upper
49	100		
84	92.5	77.6	116.4

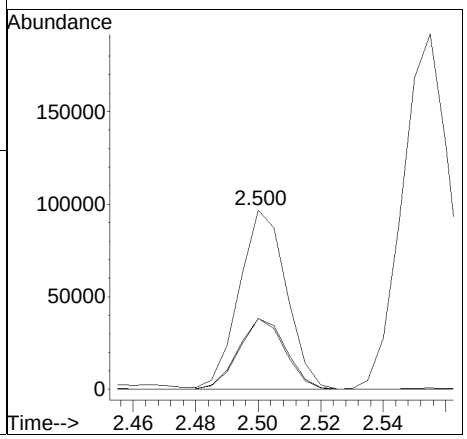


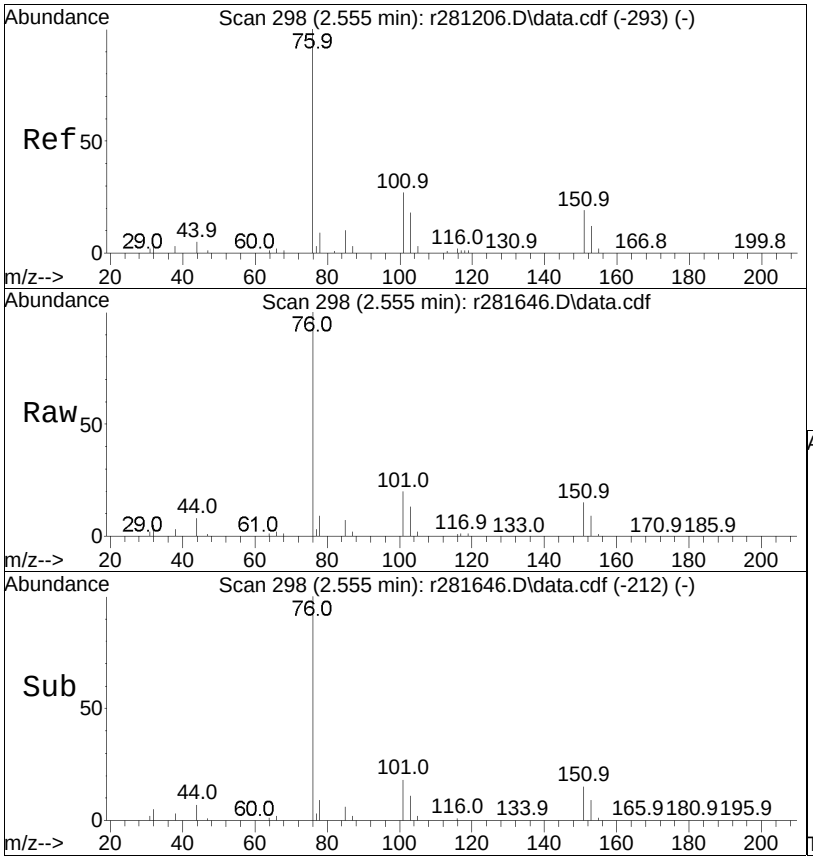


#30
3-chloropropene
Concen: 10.91 ppbV
RT: 2.500 min Scan# 287
Delta R.T. -0.005 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 41 Resp: 101547

Ion	Ratio	Lower	Upper
41	100		
39	39.6	29.4	44.2
76	39.6	35.4	53.2

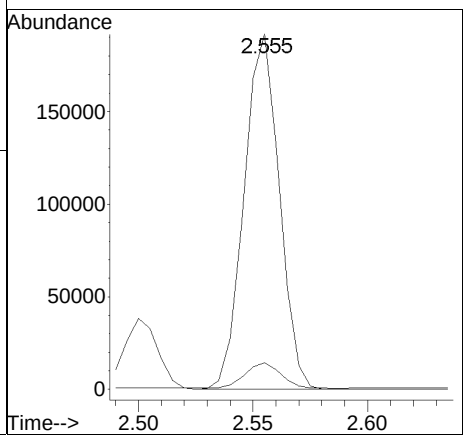


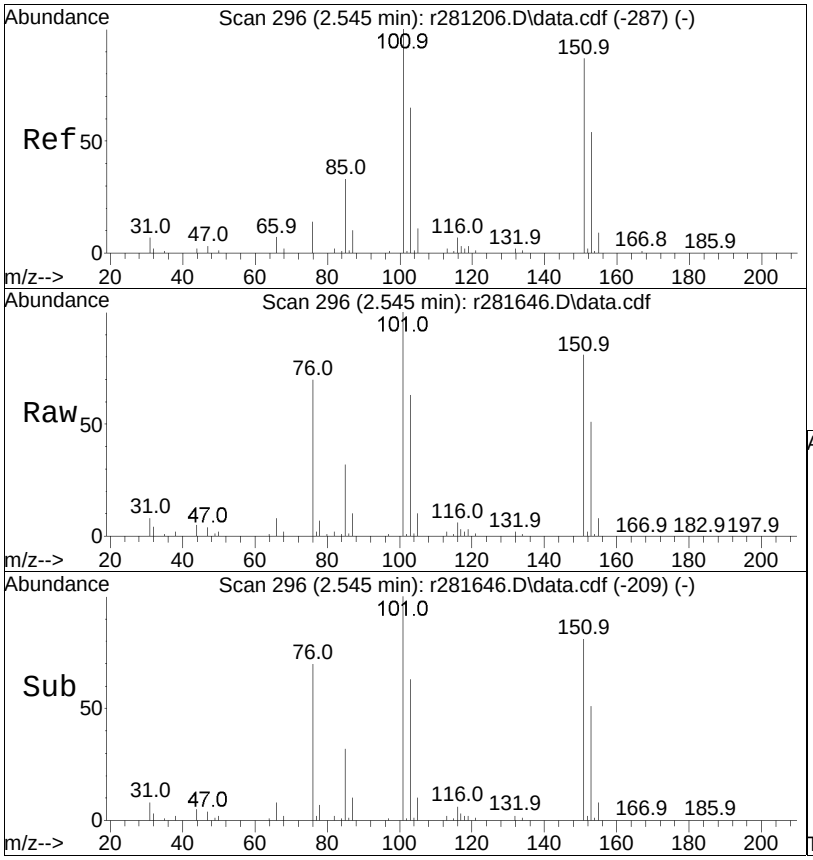


#31
carbon disulfide
Concen: 9.73 ppbV
RT: 2.555 min Scan# 298
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 76 Resp: 204846

Ion	Ratio	Lower	Upper
76	100		
44	7.5	4.5	6.7#

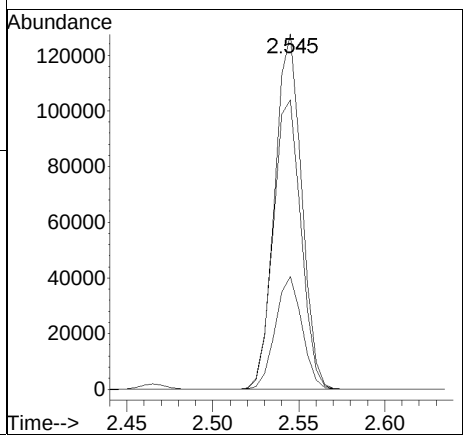


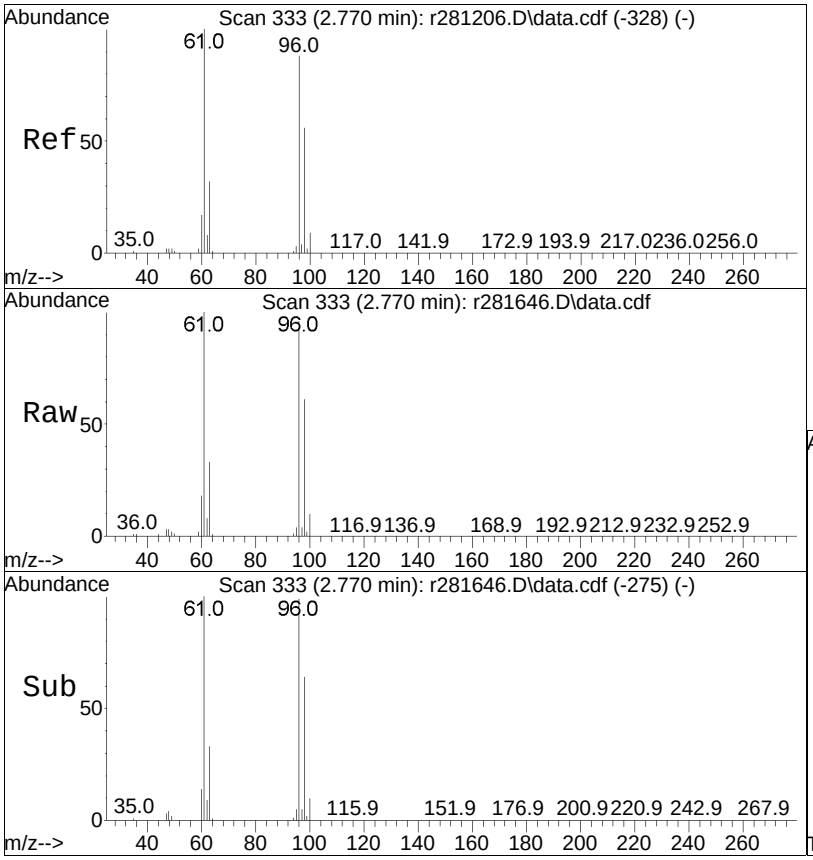


#32
Freon 113
Concen: 11.29 ppbV
RT: 2.545 min Scan# 296
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:101 Resp: 138861

Ion	Ratio	Lower	Upper
101	100		
85	31.8	26.8	40.2
151	81.5	69.6	104.4

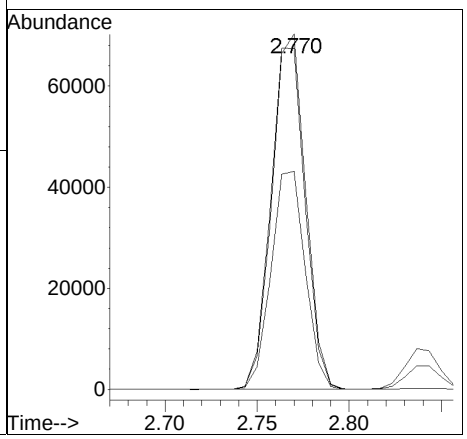


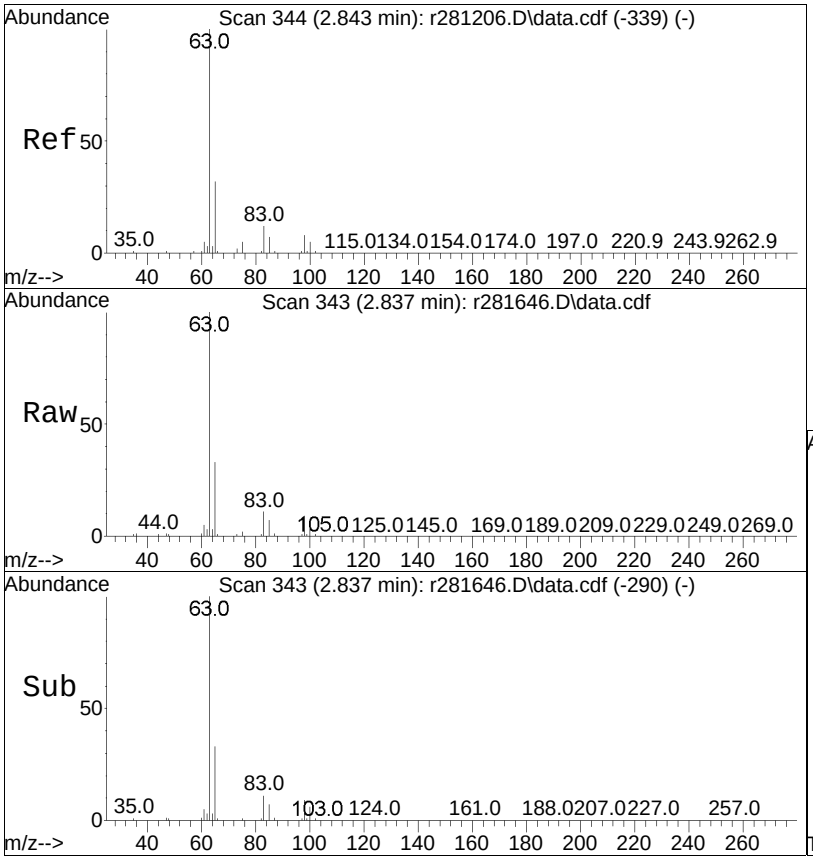


#33
trans-1,2-dichloroethene
Concen: 10.57 ppbV
RT: 2.770 min Scan# 333
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 61 Resp: 89351

Ion	Ratio	Lower	Upper
61	100		
96	95.9	71.0	106.6
98	61.4	45.1	67.7

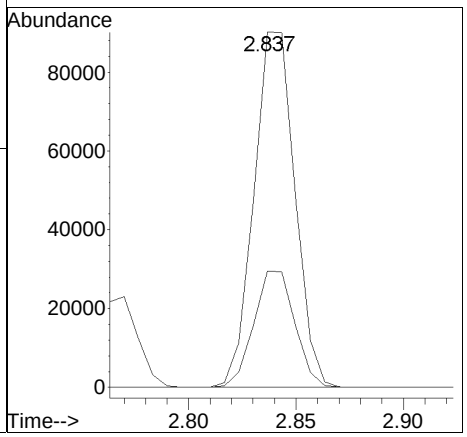


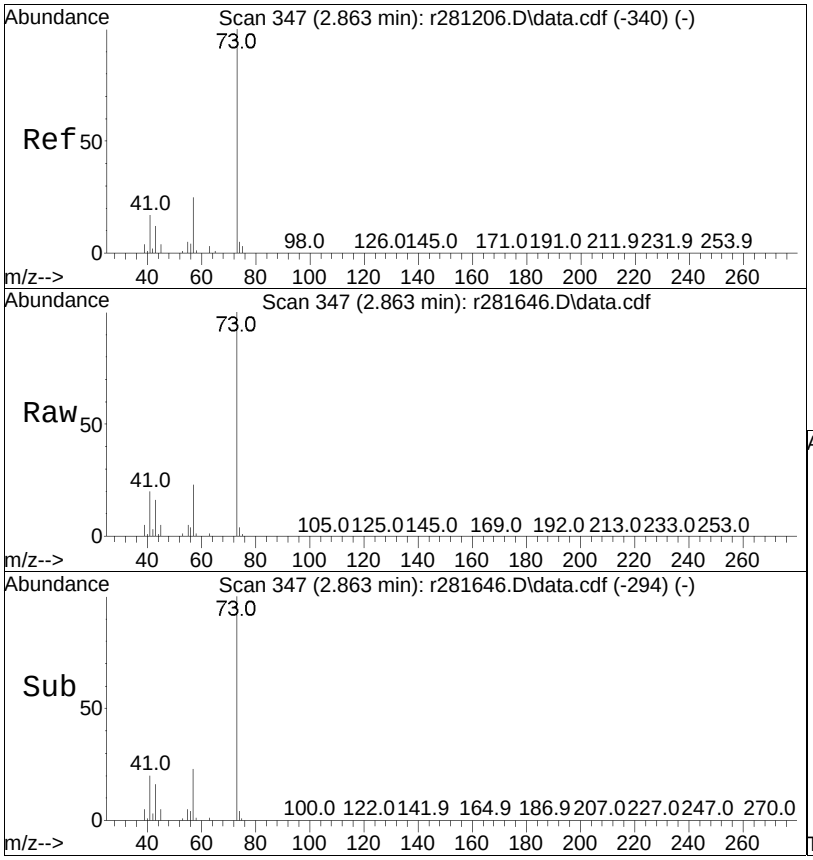


#34
1,1-dichloroethane
Concen: 10.35 ppbV
RT: 2.837 min Scan# 343
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 63 Resp: 119759

Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.8	38.8

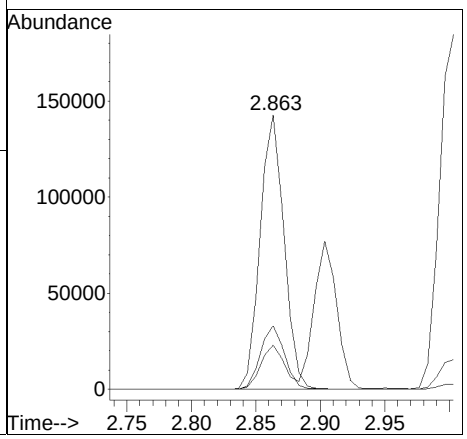


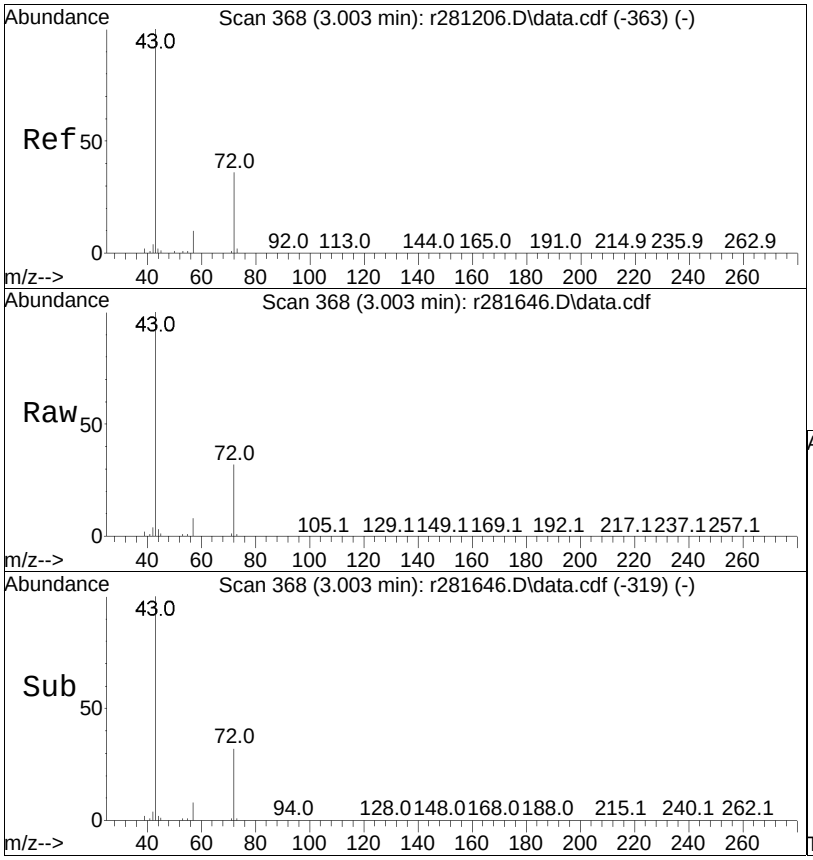


#35
MTBE
Concen: 10.75 ppbV
RT: 2.863 min Scan# 347
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 73 Resp: 184494

Ion	Ratio	Lower	Upper
73	100		
57	23.2	20.4	30.6
43	16.2	10.2	15.4#

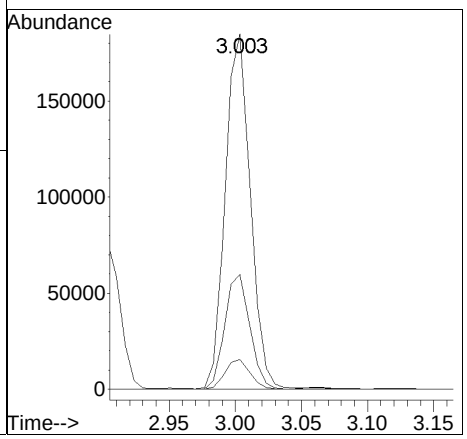


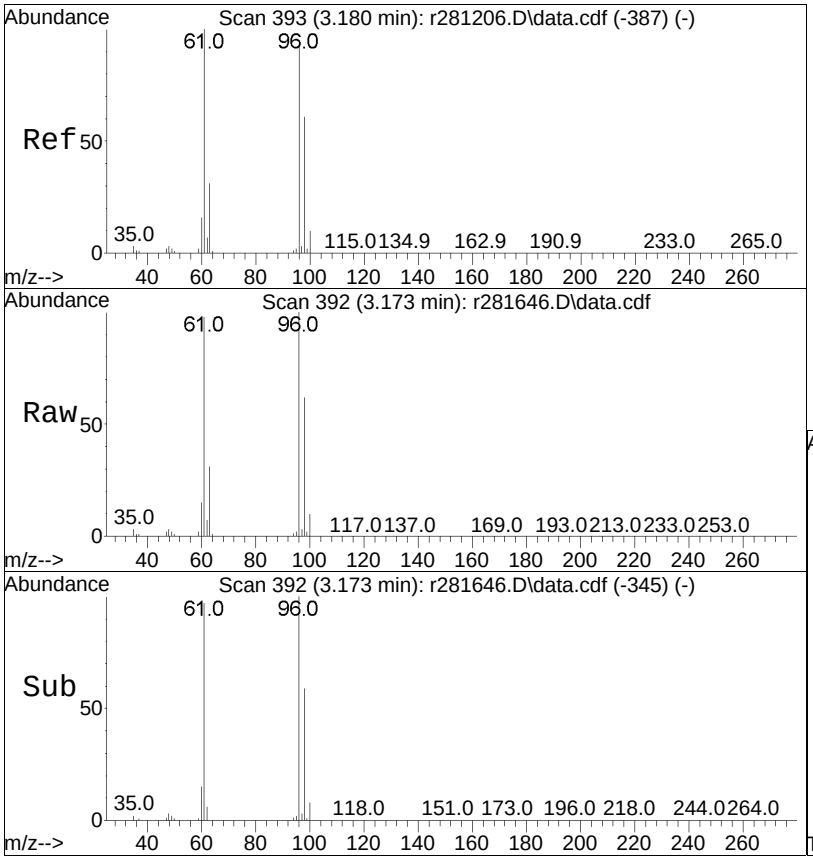


#37
2-butanone
Concen: 11.98 ppbV
RT: 3.003 min Scan# 368
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 43 Resp: 264069

Ion	Ratio	Lower	Upper
43	100		
72	32.4	29.0	43.6
57	8.4	8.2	12.2

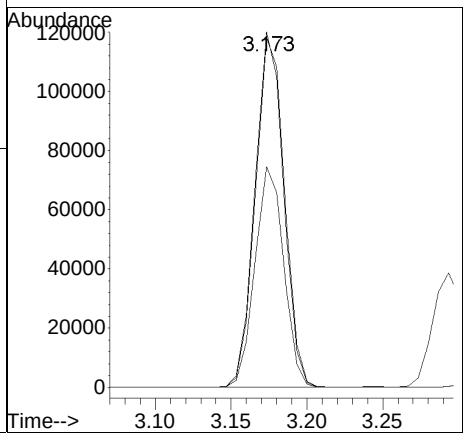


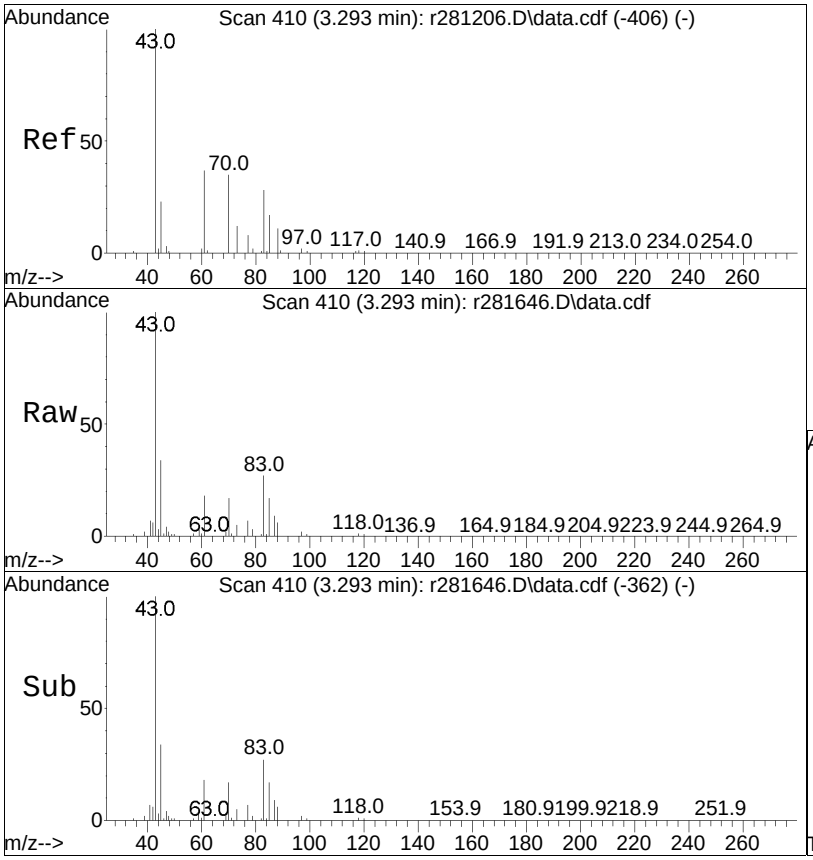


#38
cis-1,2-dichloroethene
Concen: 10.62 ppbV
RT: 3.173 min Scan# 392
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 61 Resp: 157906

Ion	Ratio	Lower	Upper
61	100		
96	101.5	76.4	114.6
98	63.1	49.0	73.6

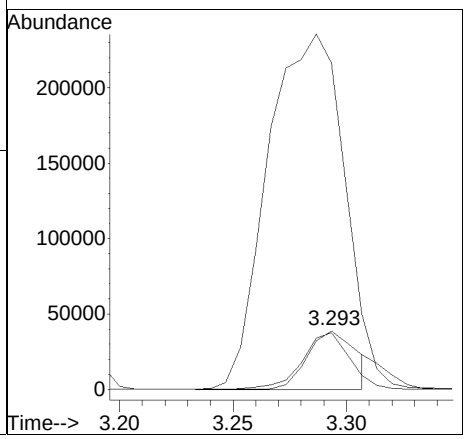


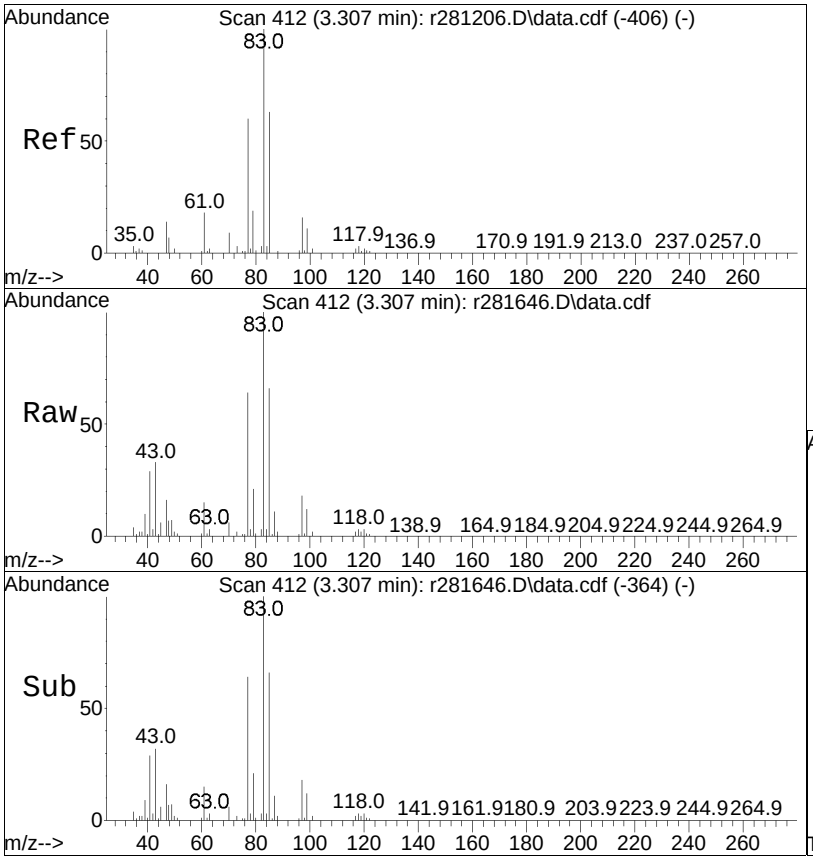


#39
Ethyl Acetate
Concen: 11.60 ppbV m
RT: 3.293 min Scan# 410
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 61 Resp: 57590

Ion	Ratio	Lower	Upper
61	100		
70	97.2	81.4	122.0
43	560.1	467.4	701.0

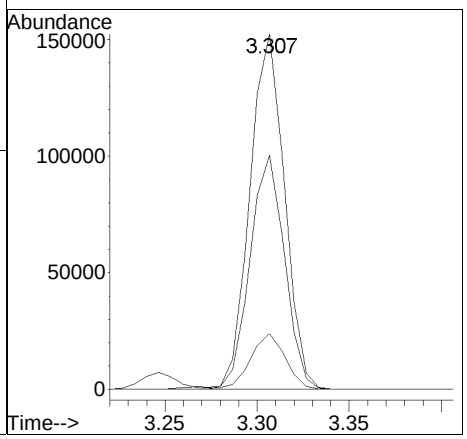


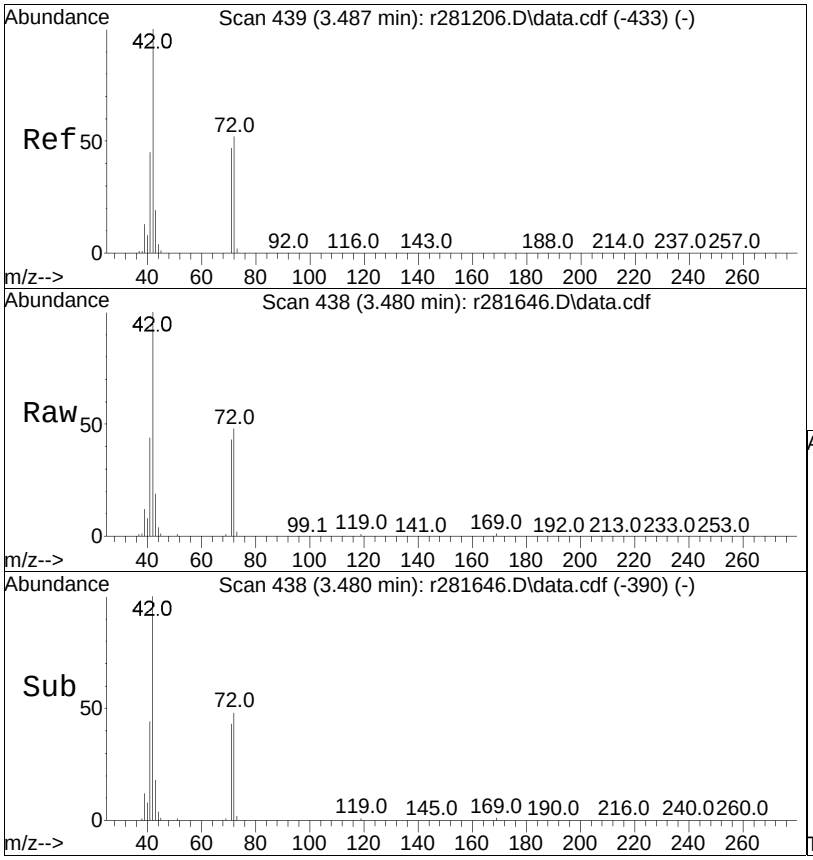


#40
chloroform
Concen: 10.88 ppbV
RT: 3.307 min Scan# 412
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 83 Resp: 199303

Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.1	76.7
47	15.7	12.1	18.1

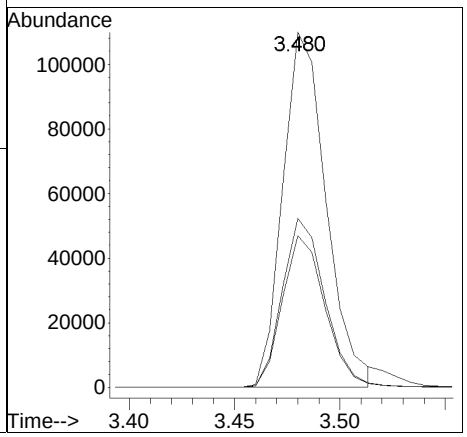


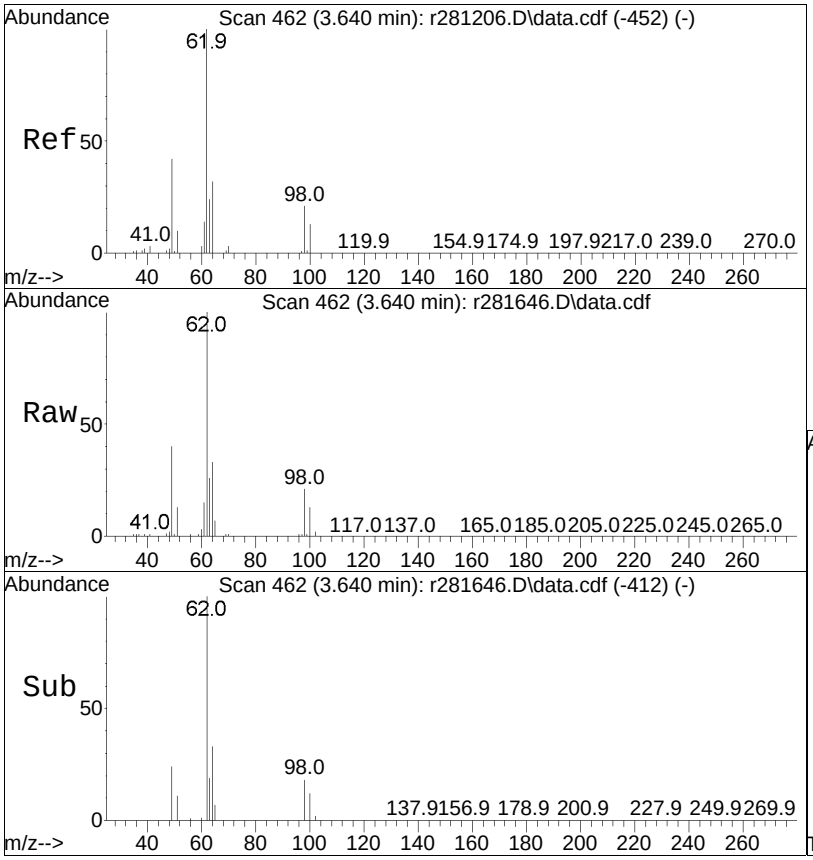


#41
Tetrahydrofuran
Concen: 12.94 ppbV m
RT: 3.480 min Scan# 438
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 42 Resp: 157268

Ion	Ratio	Lower	Upper
42	100		
71	42.7	38.0	57.0
72	47.6	41.5	62.3

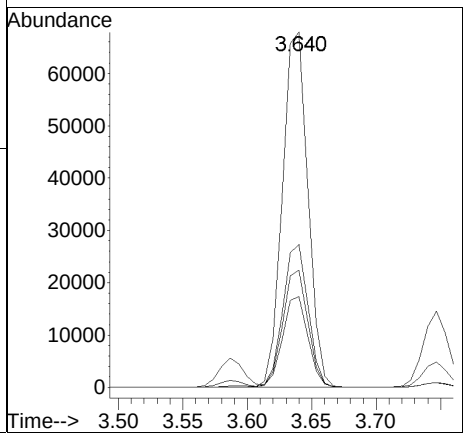


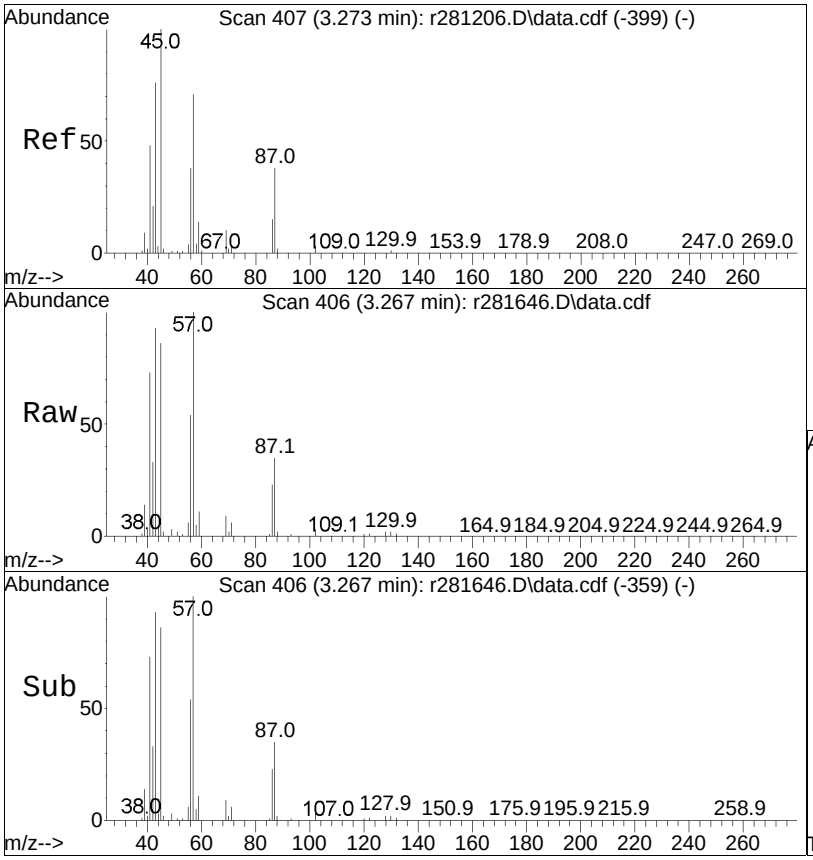


#43
1,2-dichloroethane
Concen: 9.46 ppbV
RT: 3.640 min Scan# 462
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 62 Resp: 93422

Ion	Ratio	Lower	Upper
62	100		
64	33.0	25.6	38.4
49	40.2	33.7	50.5
63	25.6	19.8	29.6

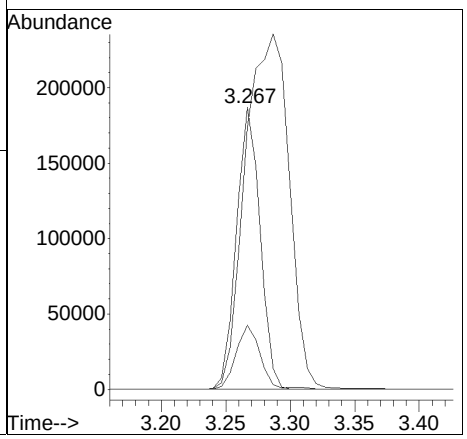


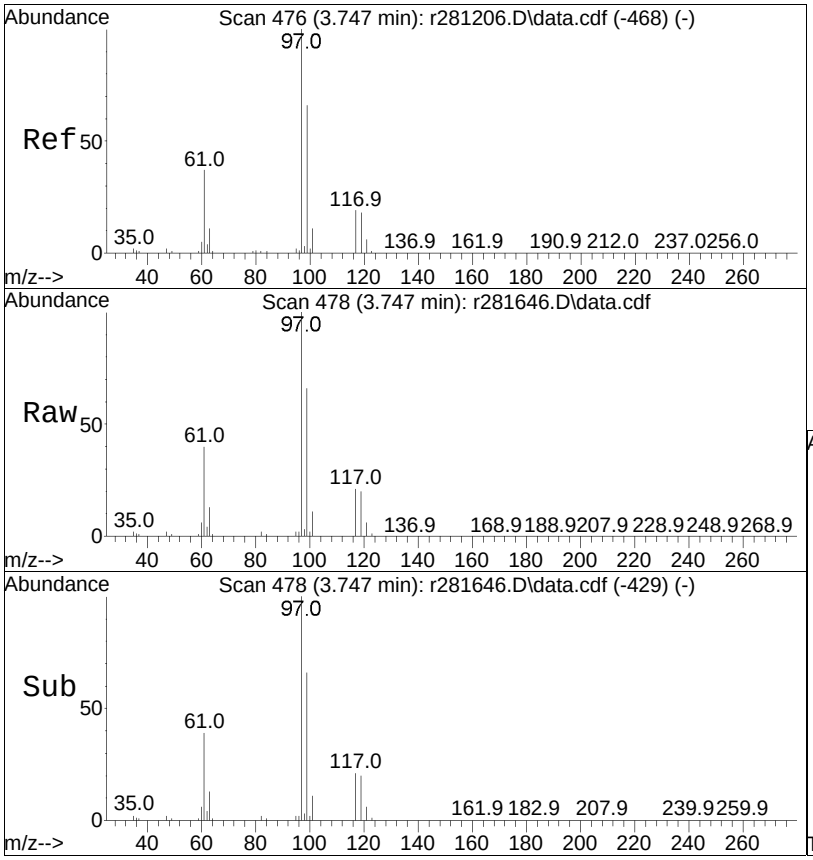


#45
hexane
Concen: 9.30 ppbV
RT: 3.267 min Scan# 406
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 57 Resp: 238056

Ion	Ratio	Lower	Upper
57	100		
43	93.0	85.3	127.9
86	22.7	16.6	25.0

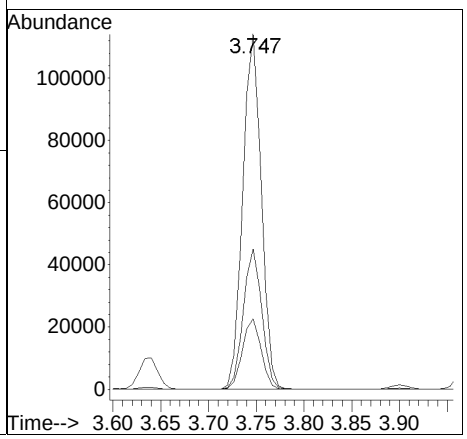


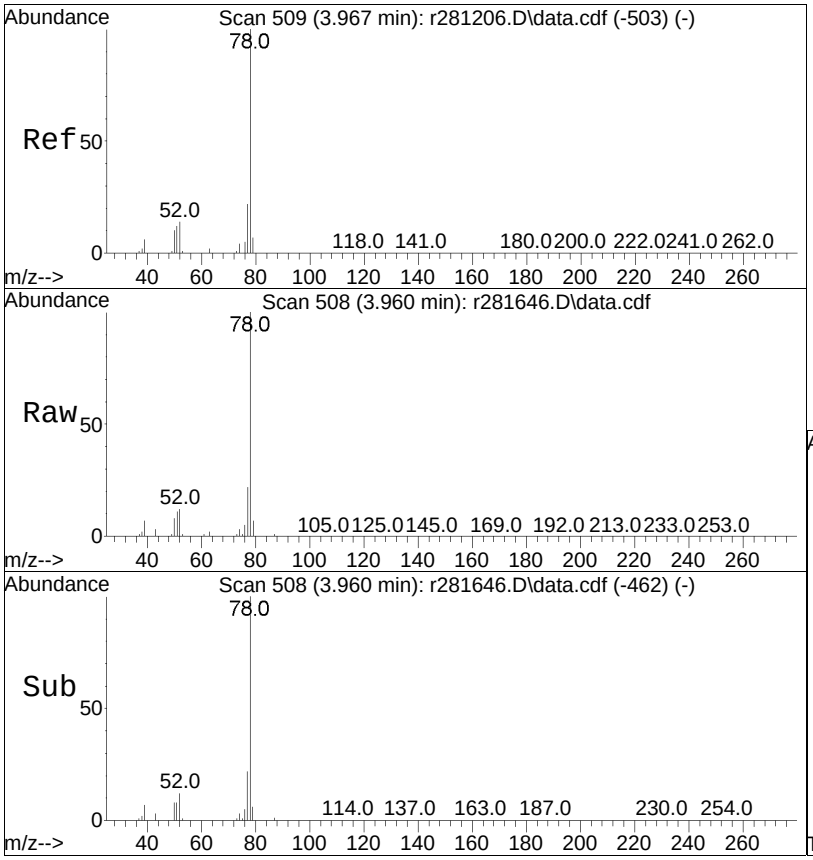


#49
1,1,1-trichloroethane
Concen: 10.01 ppbV
RT: 3.747 min Scan# 478
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 97 Resp: 166534

Ion	Ratio	Lower	Upper
97	100		
61	39.5	30.0	45.0
119	19.8	14.6	22.0

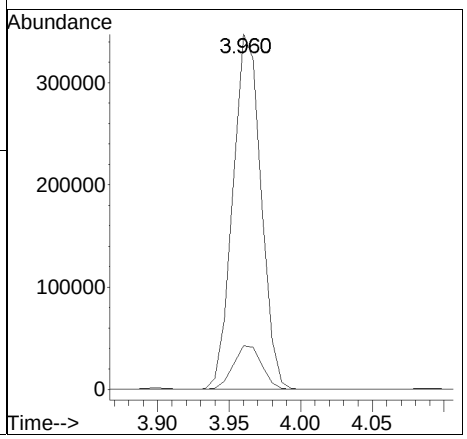


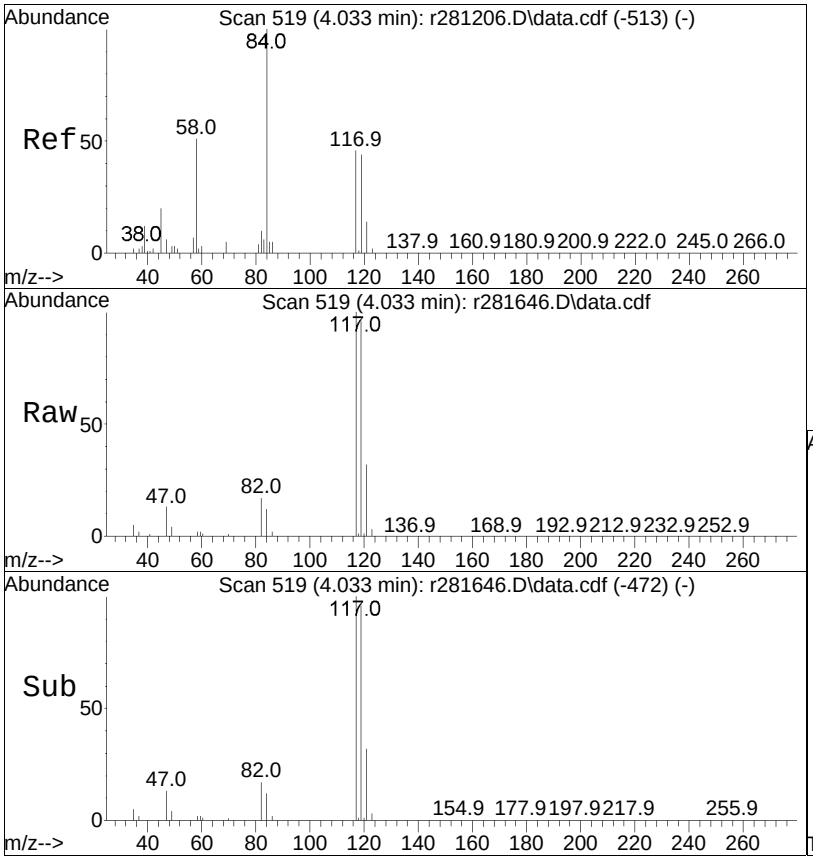


#51
benzene
Concen: 9.92 ppbV
RT: 3.960 min Scan# 508
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 78 Resp: 475128

Ion	Ratio	Lower	Upper
78	100		
52	12.3	11.2	16.8

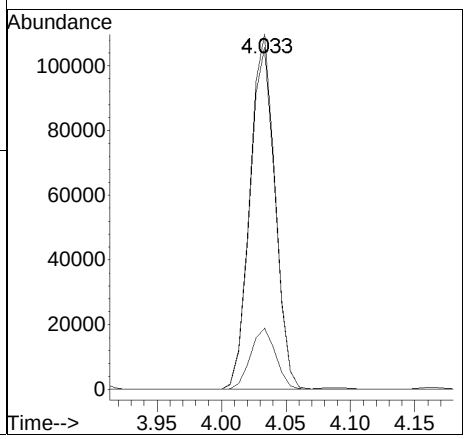


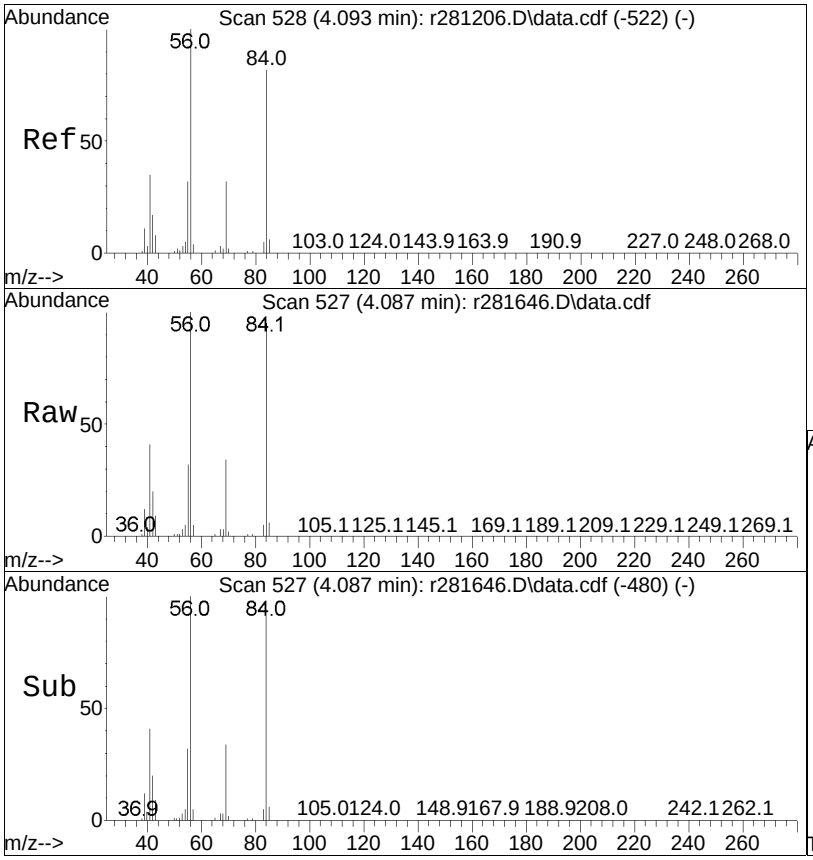


#53
carbon tetrachloride
Concen: 9.84 ppbV
RT: 4.033 min Scan# 519
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:117 Resp: 148925

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.4	114.6
82	17.2	17.8	26.6#

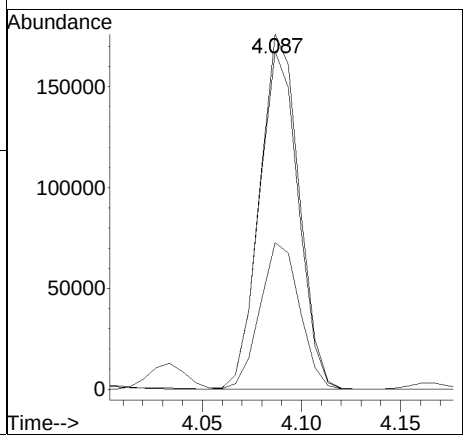


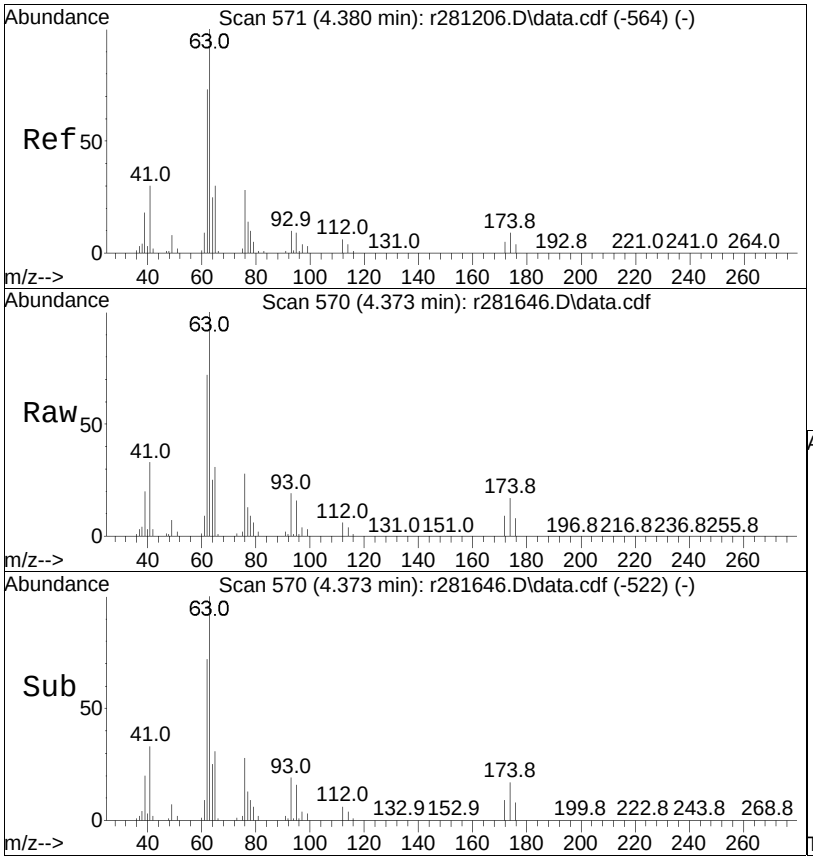


#54
cyclohexane
Concen: 9.85 ppbV
RT: 4.087 min Scan# 527
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 56 Resp: 243132

Ion	Ratio	Lower	Upper
56	100		
84	95.2	67.8	101.8
41	41.3	28.4	42.6

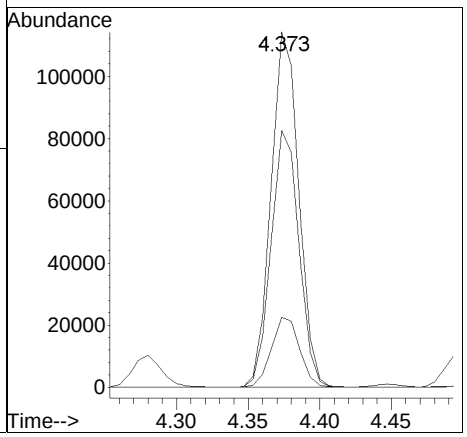


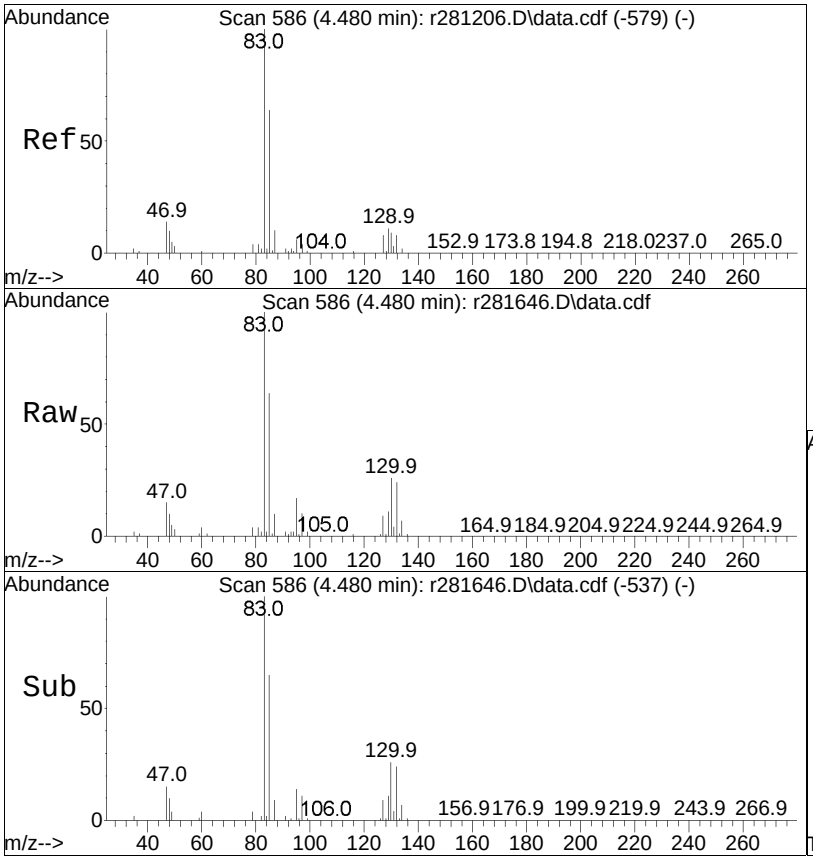


#57
1,2-dichloropropane
Concen: 10.10 ppbV
RT: 4.373 min Scan# 570
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 63 Resp: 154274

Ion	Ratio	Lower	Upper
63	100		
62	72.3	58.1	87.1
39	19.8	14.8	22.2

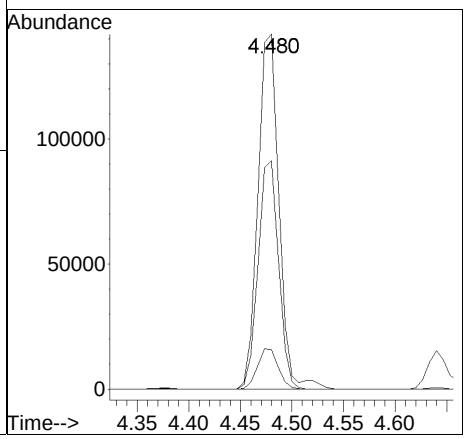


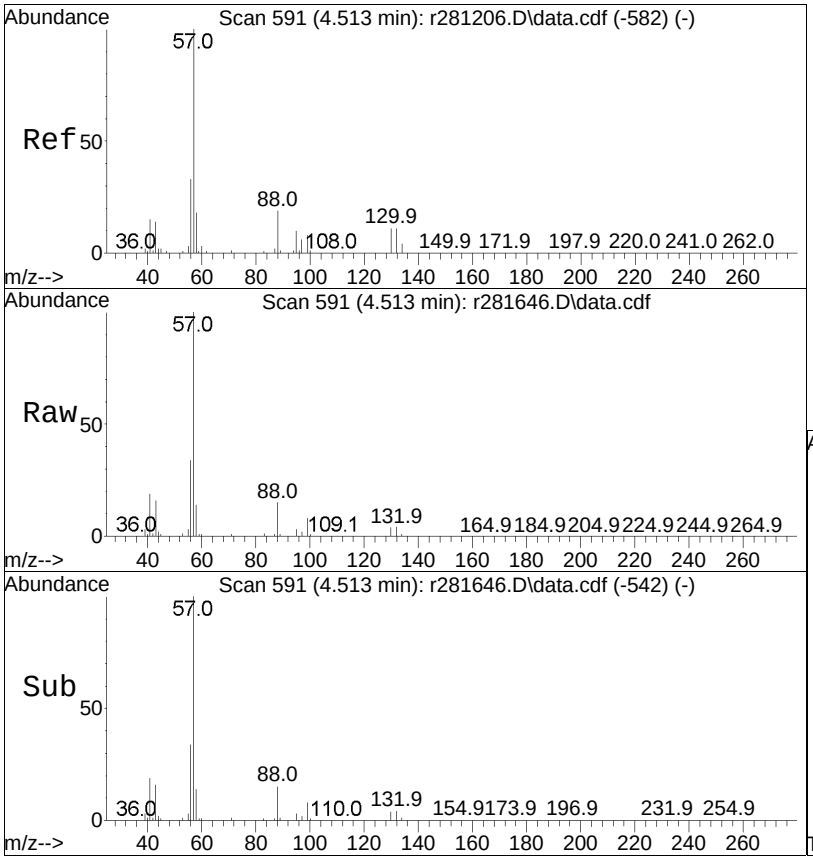


#58
bromodichloromethane
Concen: 10.29 ppbV
RT: 4.480 min Scan# 586
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 83 Resp: 202197

Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.8	76.2
129	11.2	8.4	12.6

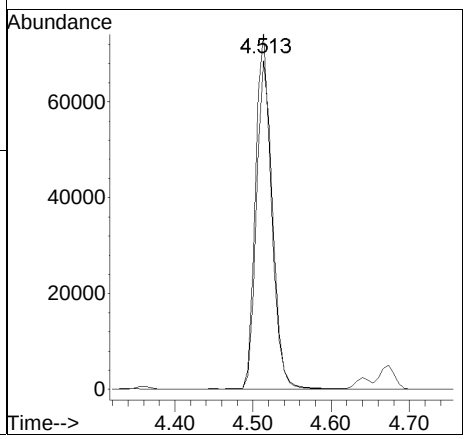


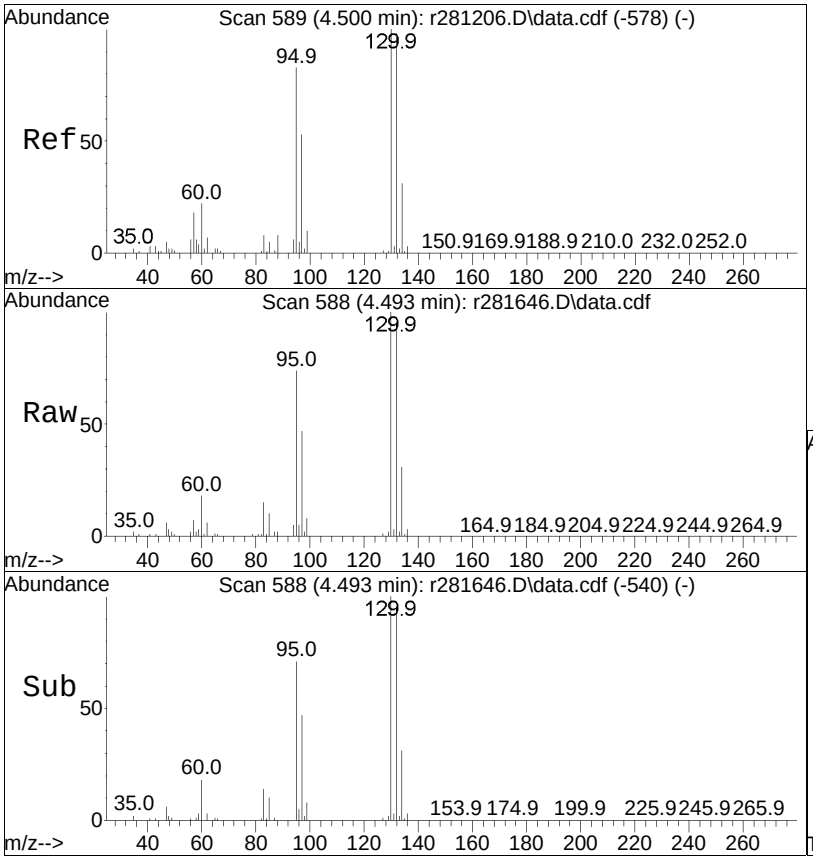


#59
1,4-dioxane
Concen: 10.23 ppbV
RT: 4.513 min Scan# 591
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 88 Resp: 106294

Ion	Ratio	Lower	Upper
88	100		
58	92.5	74.3	111.5

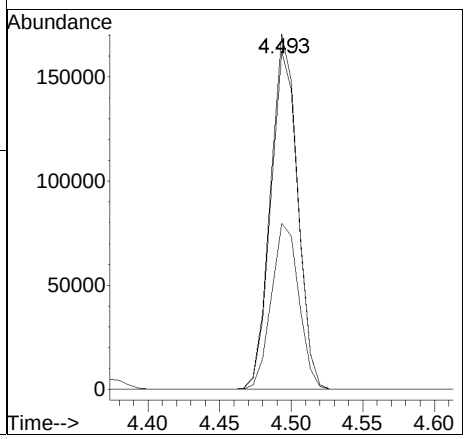


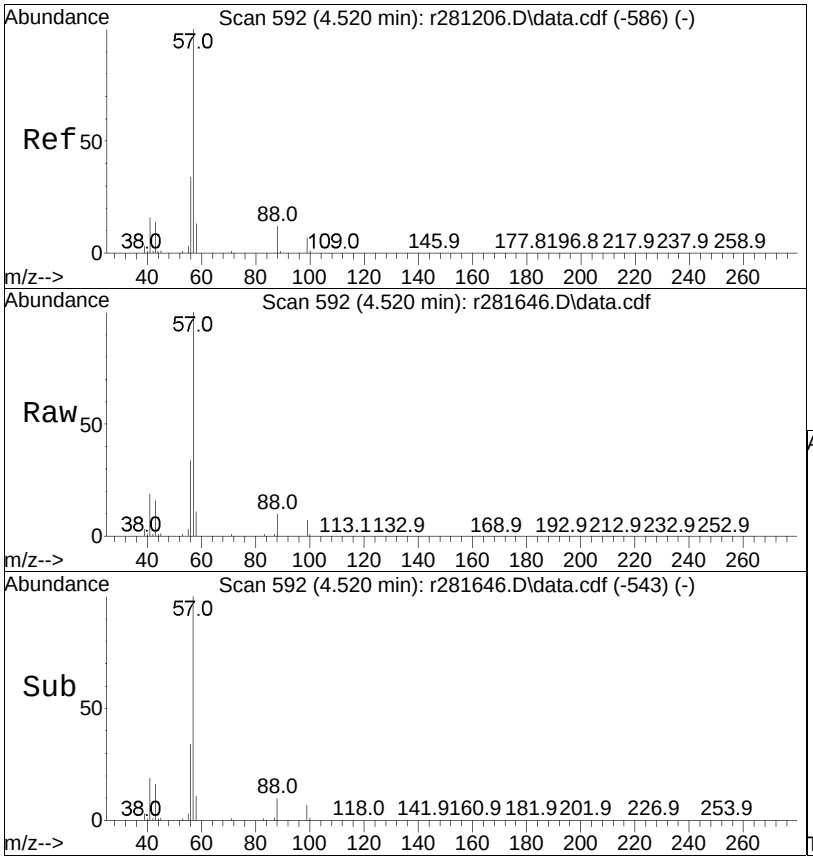


#60
trichloroethene
Concen: 11.10 ppbV
RT: 4.493 min Scan# 588
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:130 Resp: 224470

Ion	Ratio	Lower	Upper
130	100		
132	95.2	78.1	117.1
97	46.8	42.6	64.0

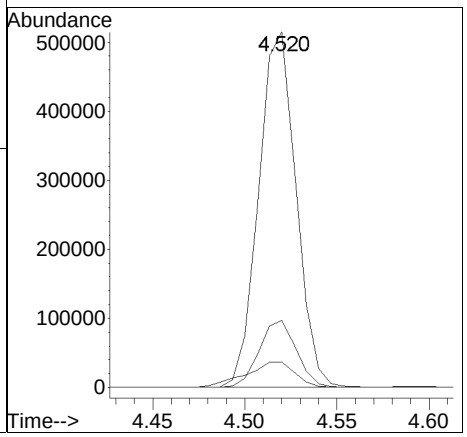


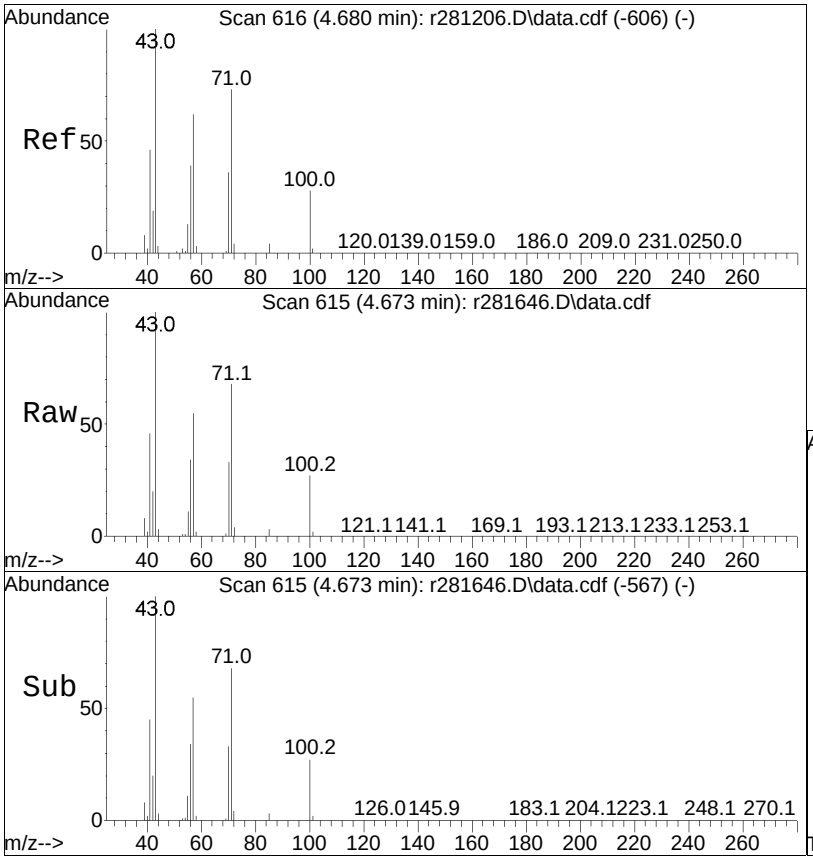


#61
2,2,4-trimethylpentane
Concen: 10.06 ppbV
RT: 4.520 min Scan# 592
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 57 Resp: 727424

Ion	Ratio	Lower	Upper
57	100		
99	7.2	5.5	8.3
41	18.9	12.7	19.1

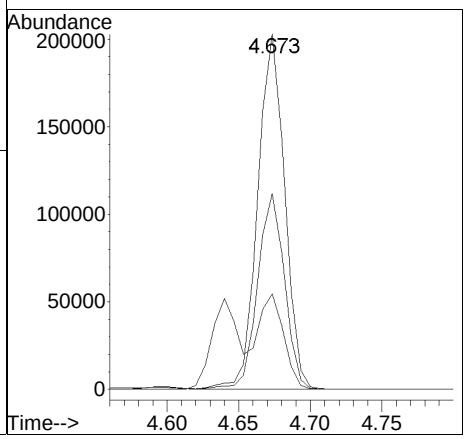


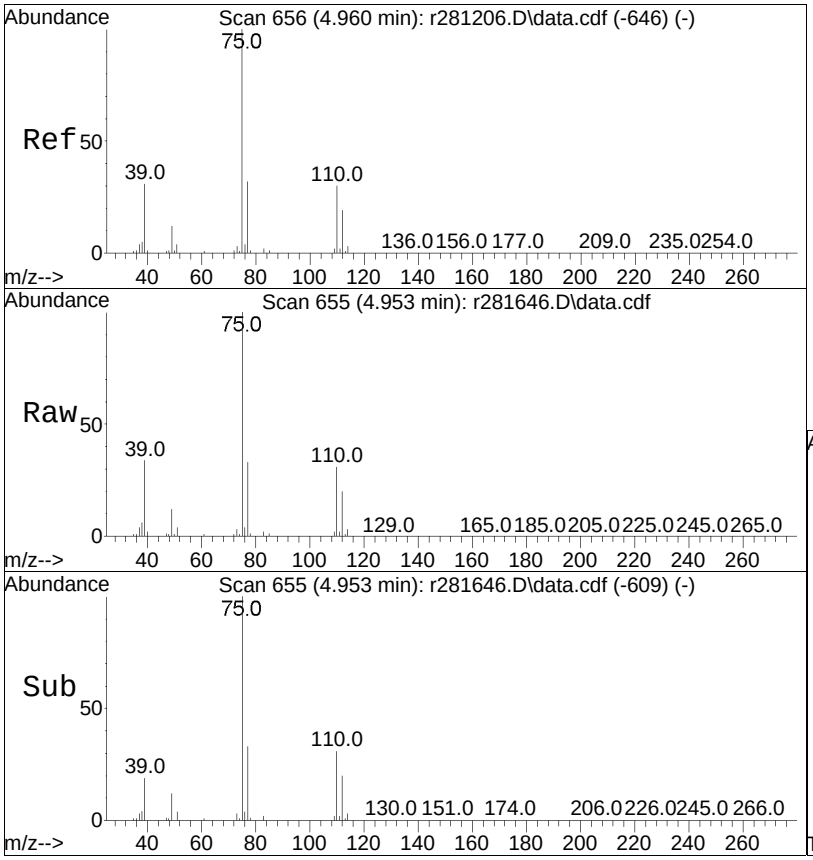


#63
heptane
Concen: 11.54 ppbV
RT: 4.673 min Scan# 615
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 43 Resp: 265827

Ion	Ratio	Lower	Upper
43	100		
57	55.1	50.0	75.0
100	26.9	22.8	34.2

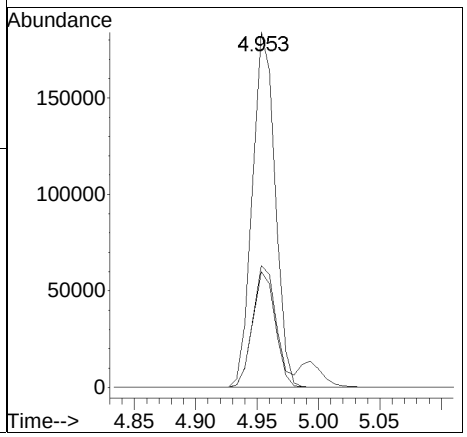


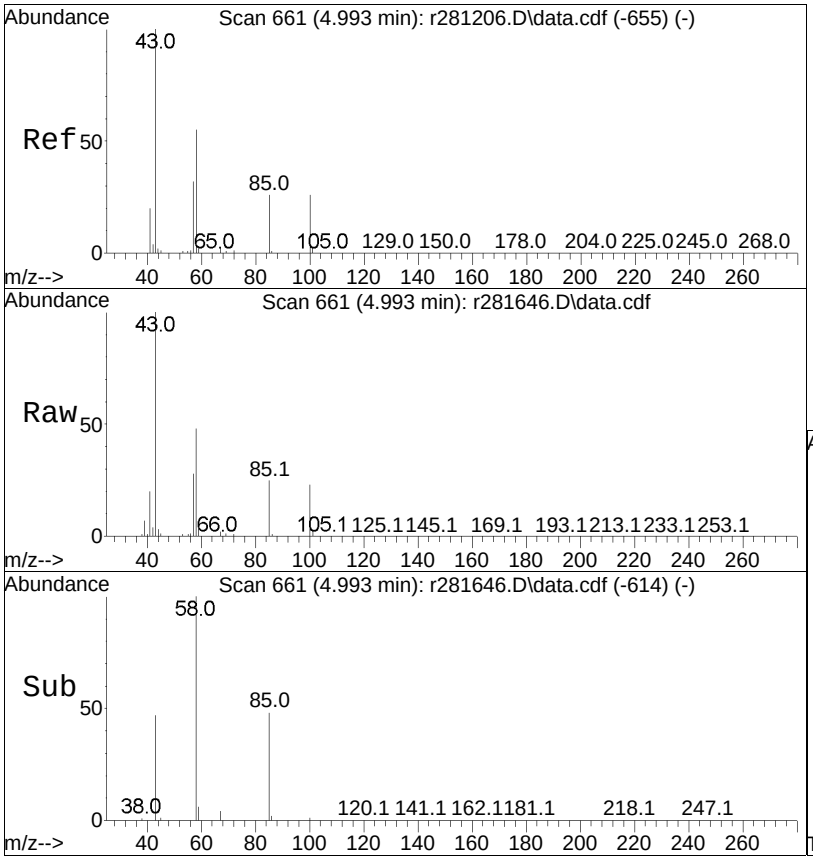


#64
cis-1,3-dichloropropene
Concen: 11.10 ppbV
RT: 4.953 min Scan# 655
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 75 Resp: 238244

Ion	Ratio	Lower	Upper
75	100		
39	34.3	24.9	37.3
77	32.5	25.8	38.6

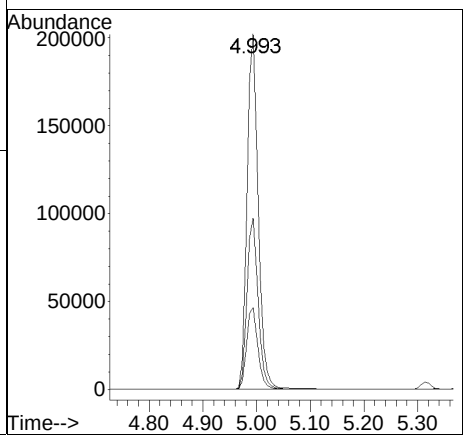


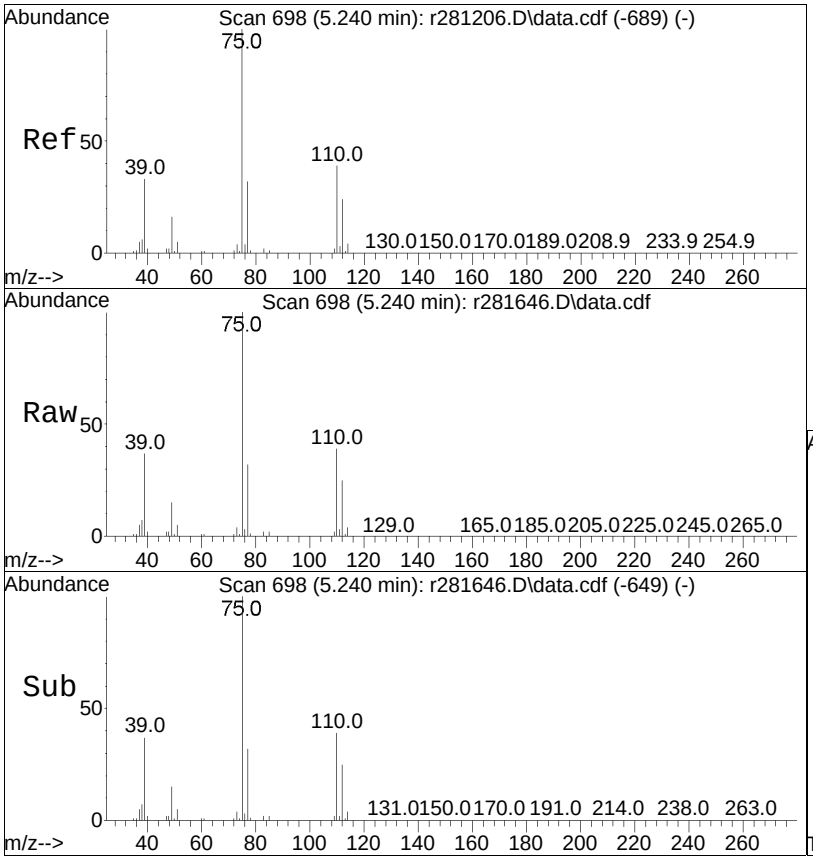


#65
4-methyl-2-pentanone
Concen: 11.31 ppbV
RT: 4.993 min Scan# 661
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 43 Resp: 291177

Ion	Ratio	Lower	Upper
43	100		
58	48.2	43.9	65.9
100	23.0	20.5	30.7

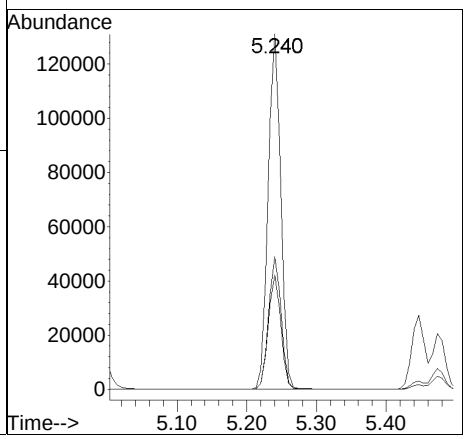


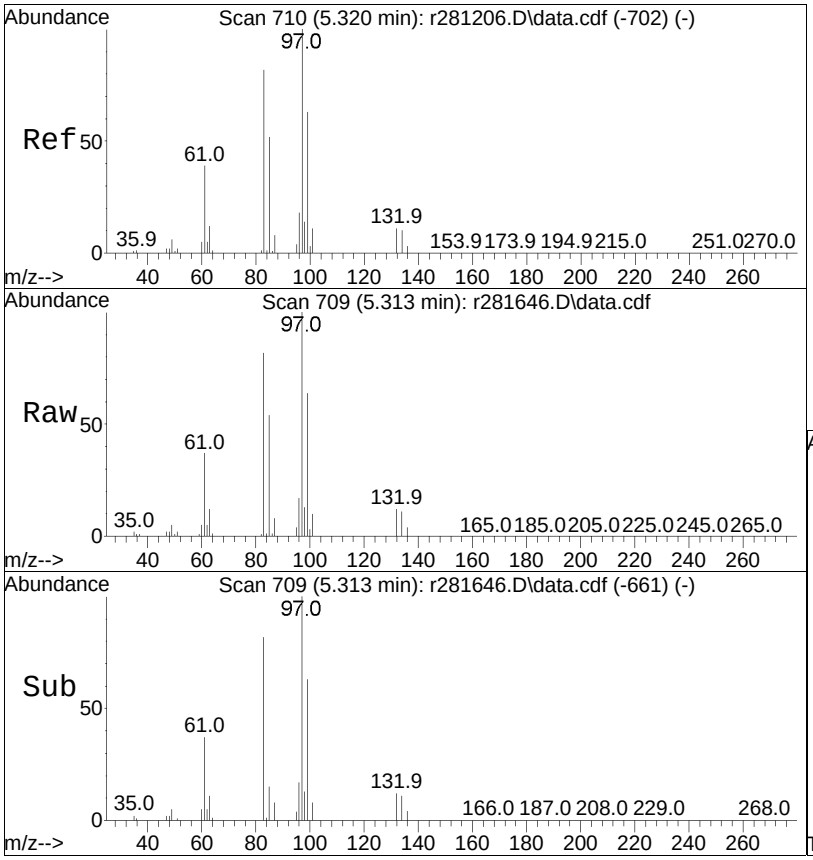


#66
trans-1,3-dichloropropene
Concen: 11.18 ppbV
RT: 5.240 min Scan# 698
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 75 Resp: 165769

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.8
39	37.3	26.2	39.2

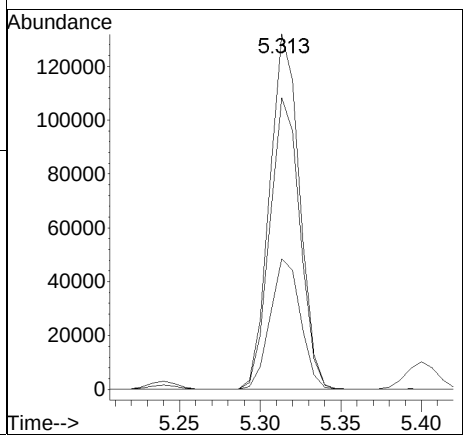


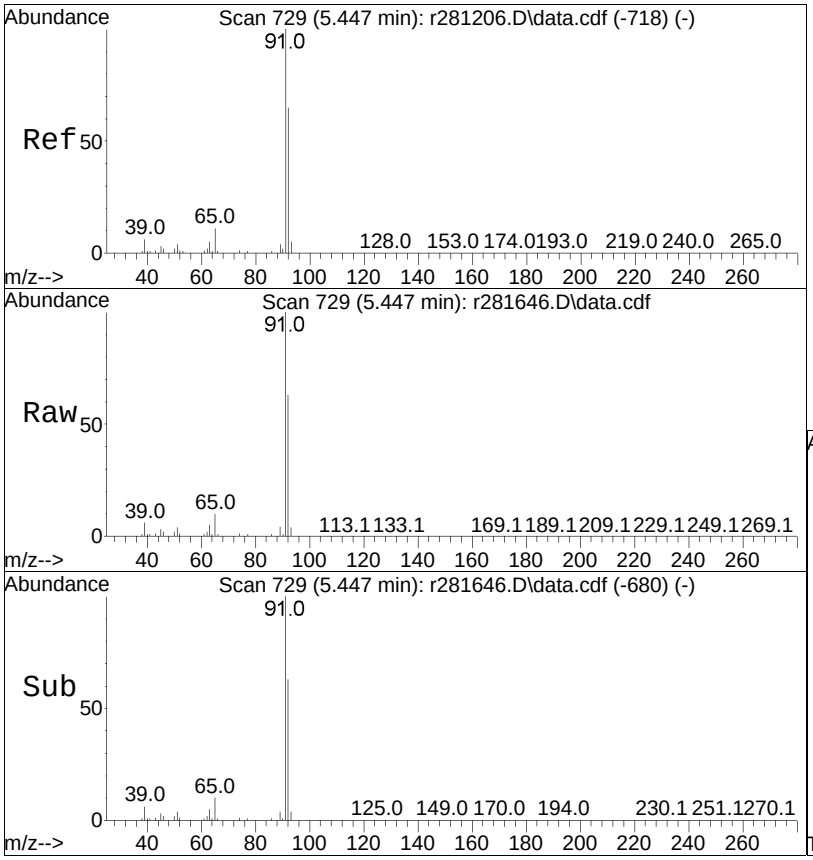


#67
1,1,2-trichloroethane
Concen: 10.19 ppbV
RT: 5.313 min Scan# 709
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 97 Resp: 170826

Ion	Ratio	Lower	Upper
97	100		
83	82.1	65.7	98.5
61	36.8	30.9	46.3

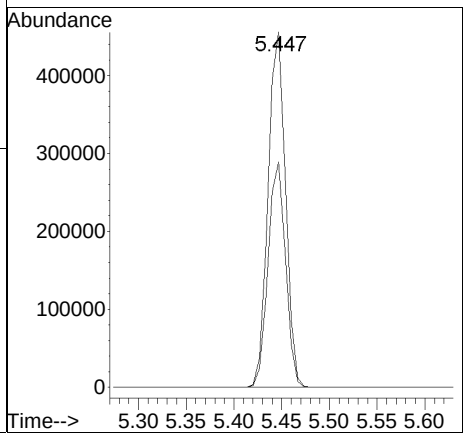


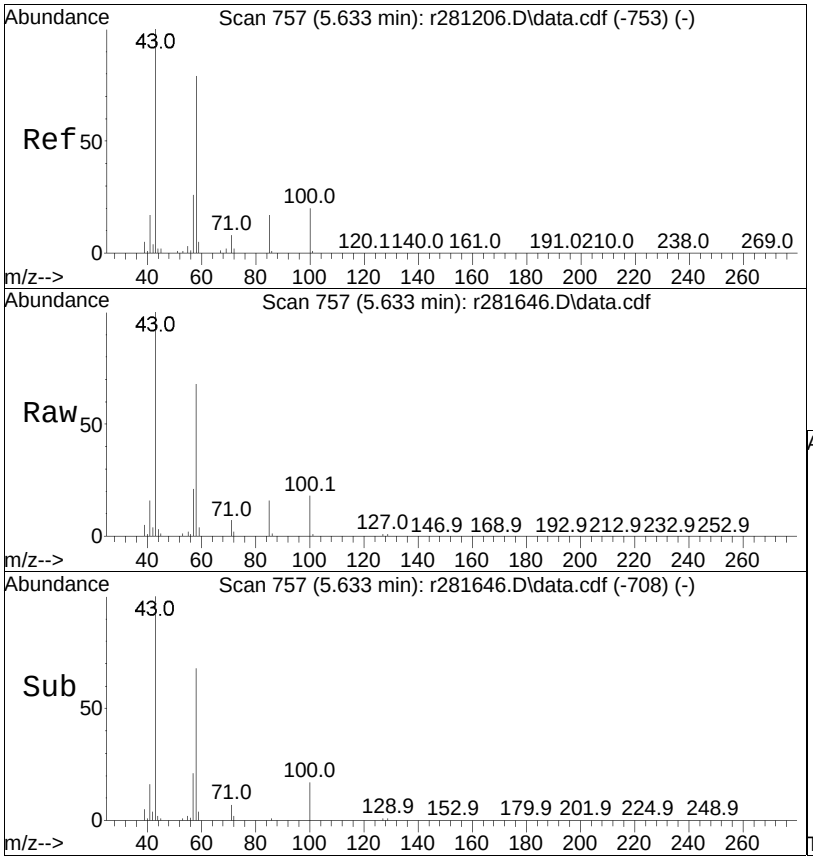


#69
toluene
Concen: 12.11 ppbV
RT: 5.447 min Scan# 729
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 91 Resp: 579186

Ion	Ratio	Lower	Upper
91	100		
92	63.4	51.9	77.9

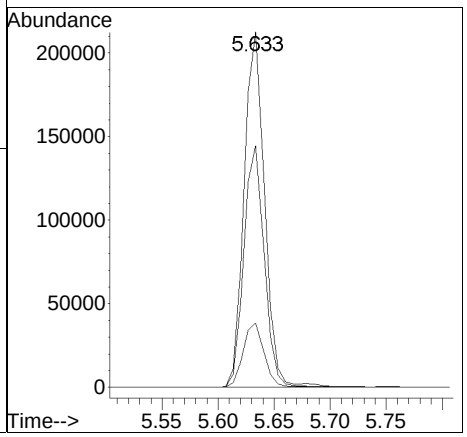


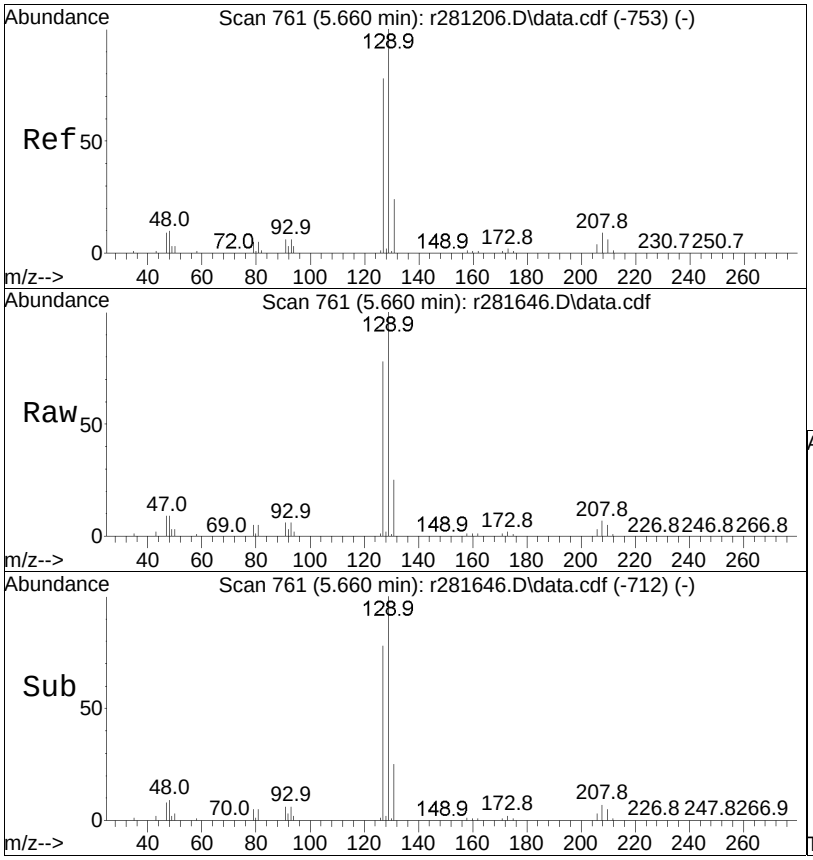


#73
2-hexanone
Concen: 12.13 ppbV
RT: 5.633 min Scan# 757
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 43 Resp: 271014

Ion	Ratio	Lower	Upper
43	100		
58	68.0	63.0	94.4
100	18.1	16.4	24.6

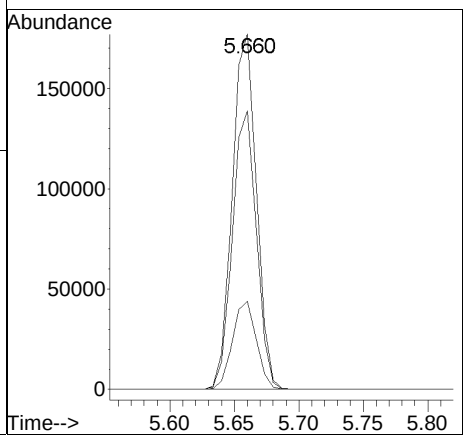


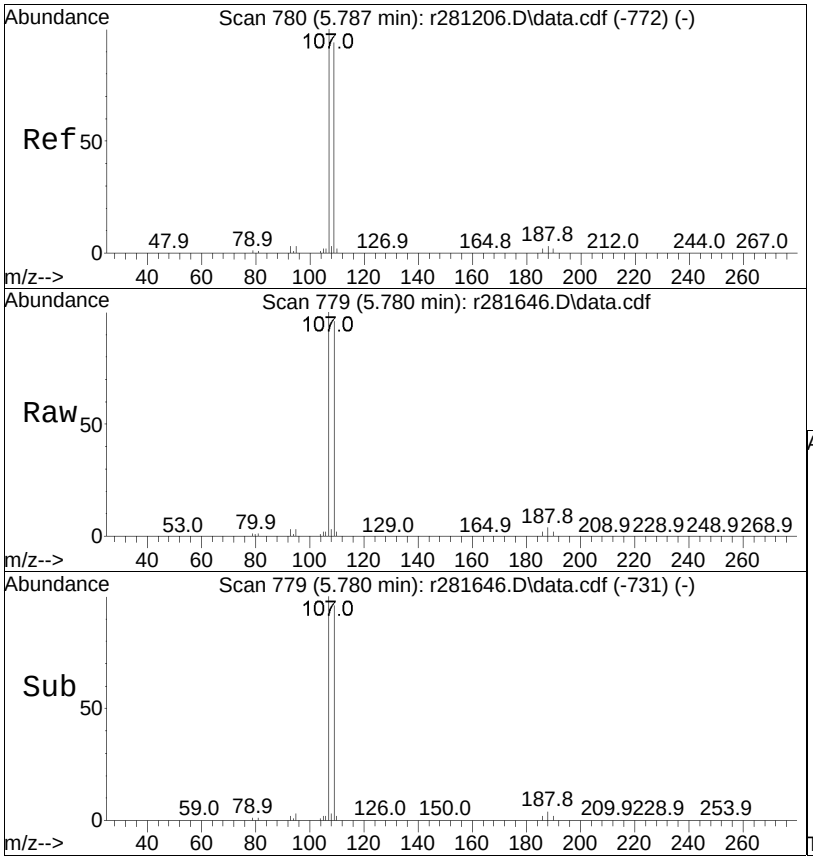


#75
dibromochloromethane
Concen: 12.34 ppbV
RT: 5.660 min Scan# 761
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:129 Resp: 231312

Ion	Ratio	Lower	Upper
129	100		
127	78.4	62.1	93.1
131	24.8	19.4	29.2

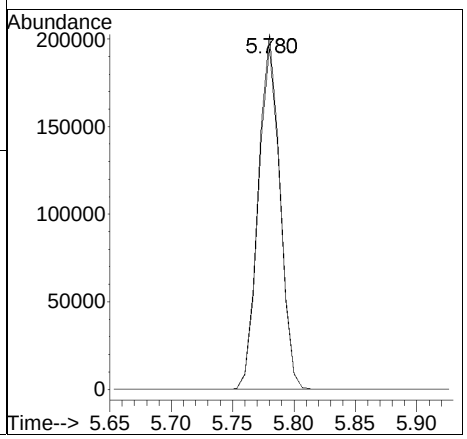


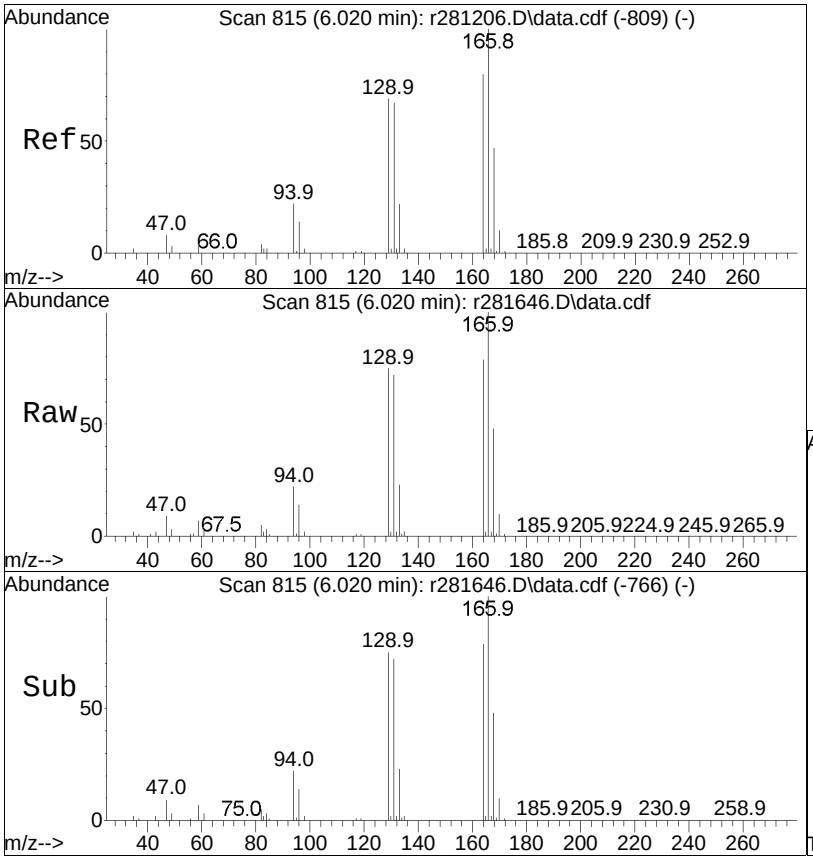


#76
1,2-dibromoethane
Concen: 11.67 ppbV
RT: 5.780 min Scan# 779
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:107 Resp: 250746

Ion	Ratio	Lower	Upper
107	100		
109	96.2	75.3	112.9

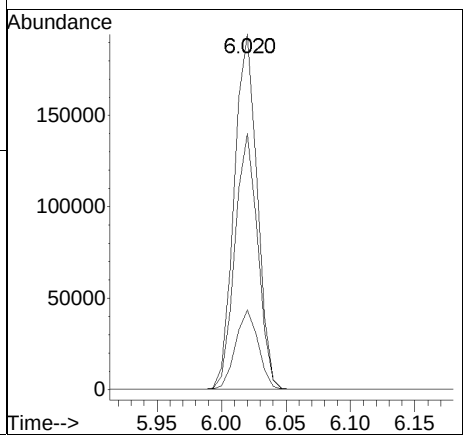


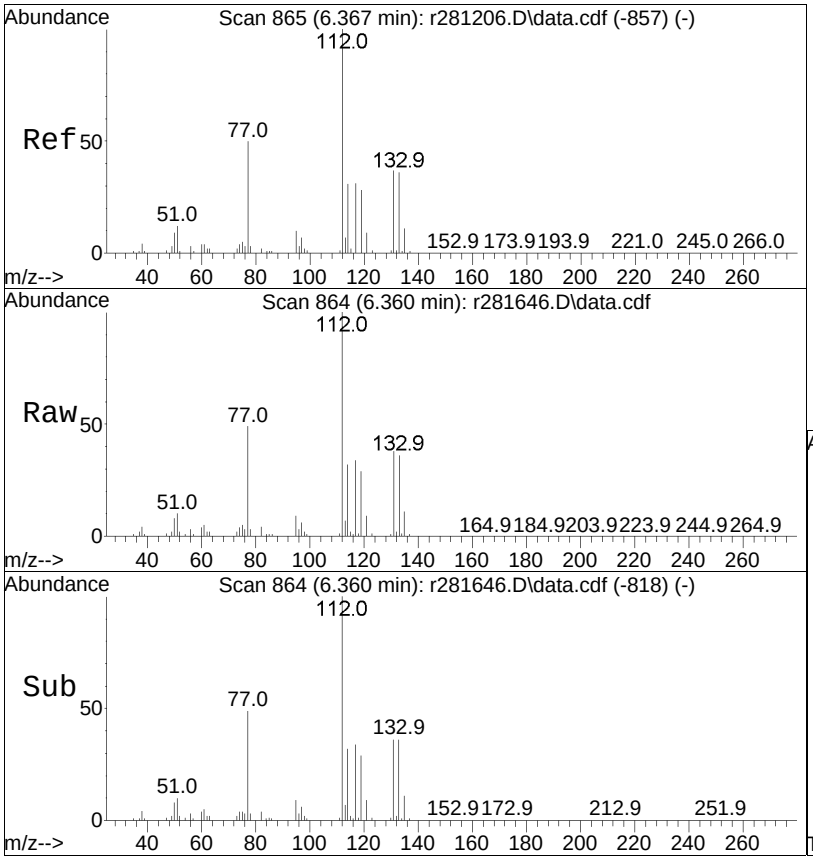


#79
tetrachloroethene
Concen: 11.95 ppbV
RT: 6.020 min Scan# 815
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:166 Resp: 241392

Ion	Ratio	Lower	Upper
166	100		
131	72.0	53.3	79.9
94	22.4	17.7	26.5

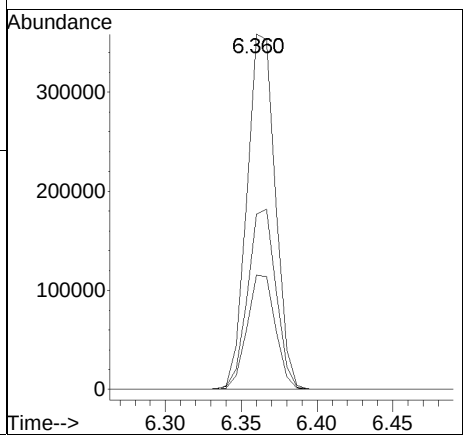


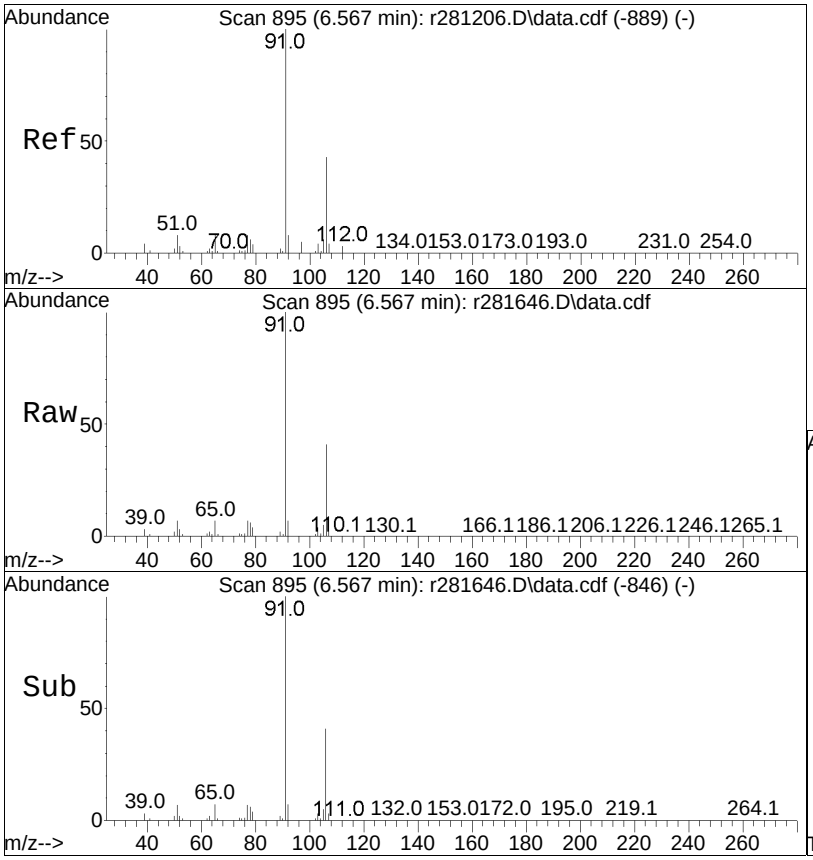


#81
chlorobenzene
Concen: 11.34 ppbV
RT: 6.360 min Scan# 864
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:112 Resp: 466718

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.1	37.7
77	49.3	40.2	60.4

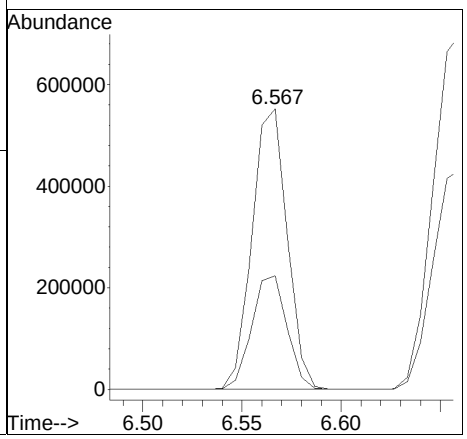


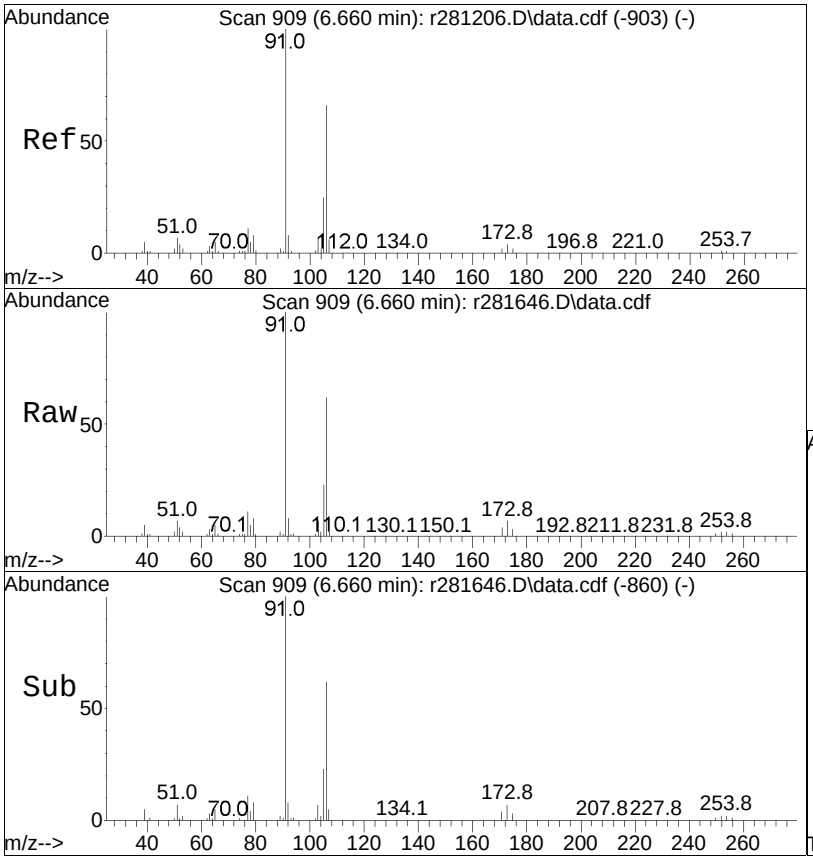


#82
ethylbenzene
Concen: 11.83 ppbV
RT: 6.567 min Scan# 895
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 91 Resp: 681111

Ion	Ratio	Lower	Upper
91	100		
106	40.5	34.3	51.5

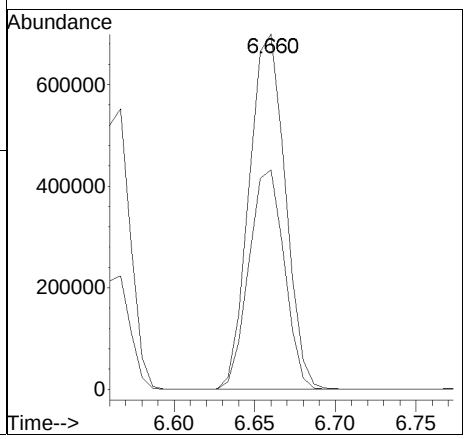


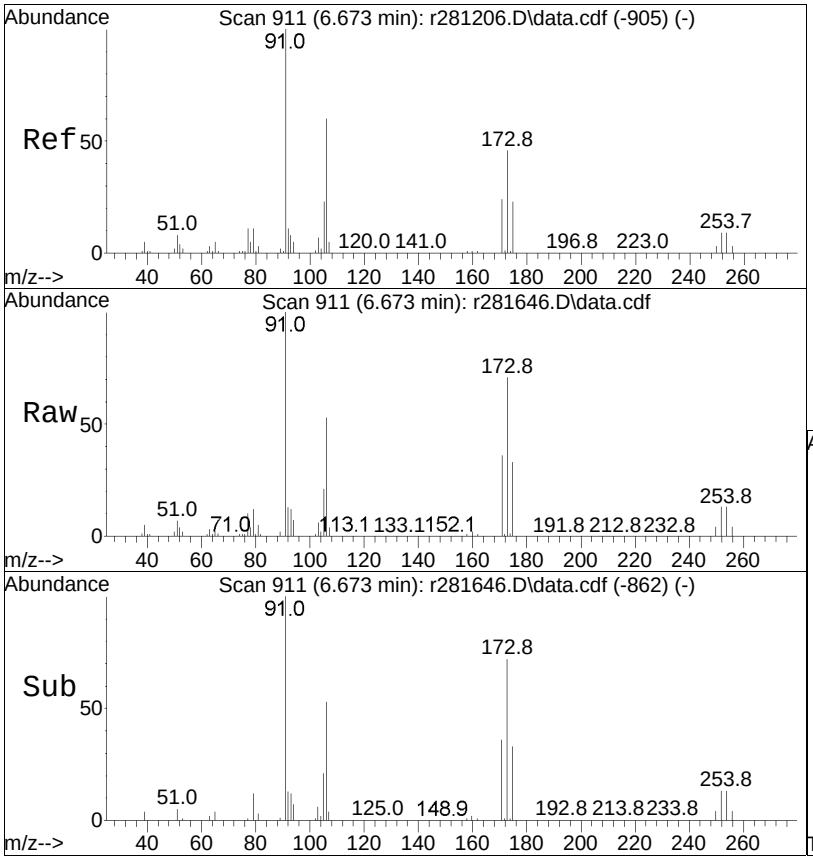


#84
m+p-xylene
Concen: 23.84 ppbV
RT: 6.660 min Scan# 909
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 91 Resp: 1092781

Ion	Ratio	Lower	Upper
91	100		
106	61.8	52.7	79.1

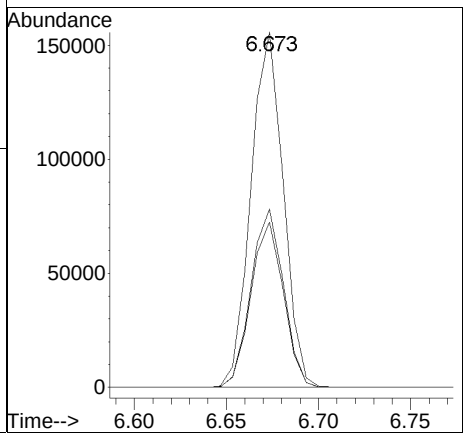


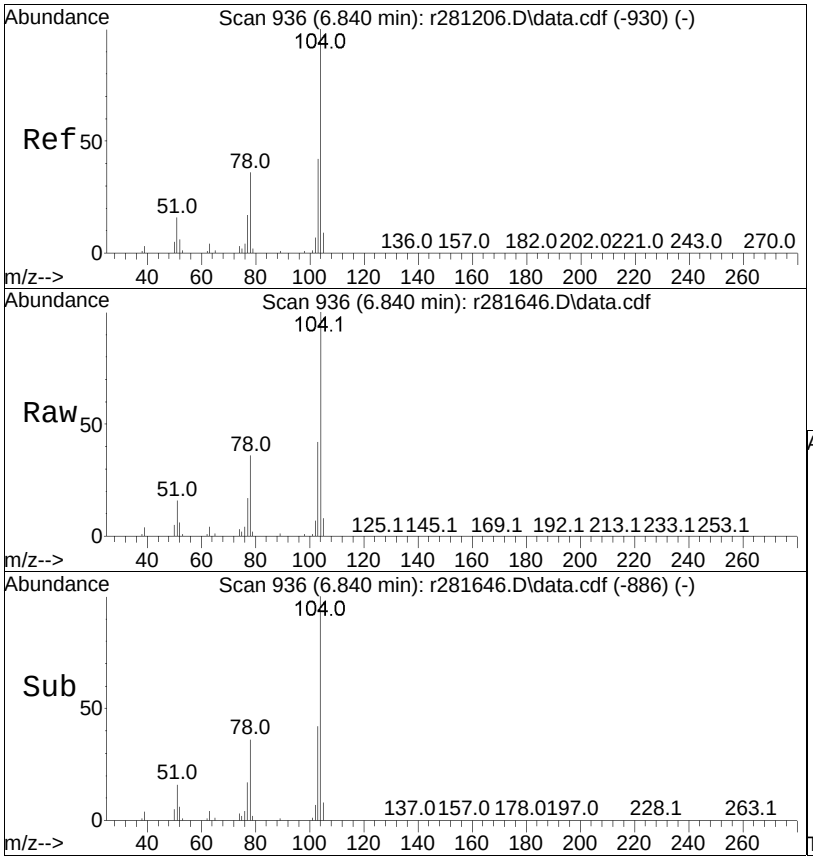


#85
bromoform
Concen: 12.11 ppbV
RT: 6.673 min Scan# 911
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:173 Resp: 190446

Ion	Ratio	Lower	Upper
173	100		
175	46.6	38.9	58.3
171	50.2	42.0	63.0

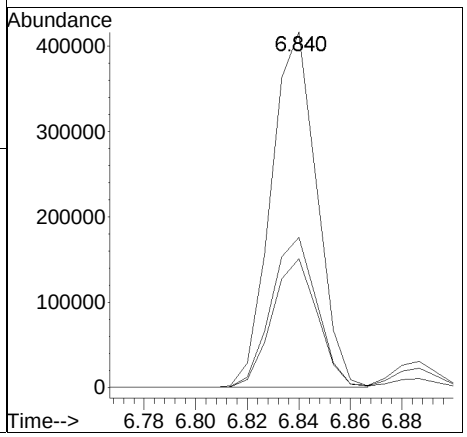


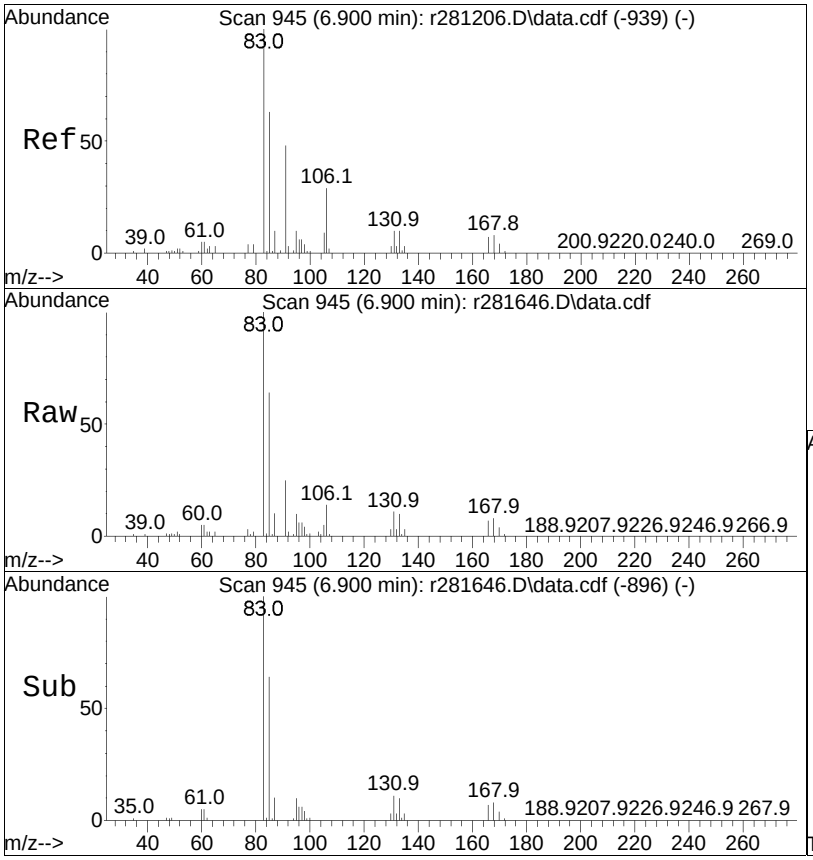


#86
styrene
Concen: 11.56 ppbV
RT: 6.840 min Scan# 936
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:104 Resp: 513771

Ion	Ratio	Lower	Upper
104	100		
103	42.2	33.6	50.4
78	36.2	29.0	43.6

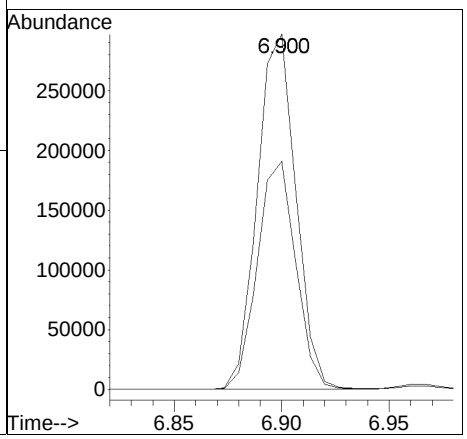


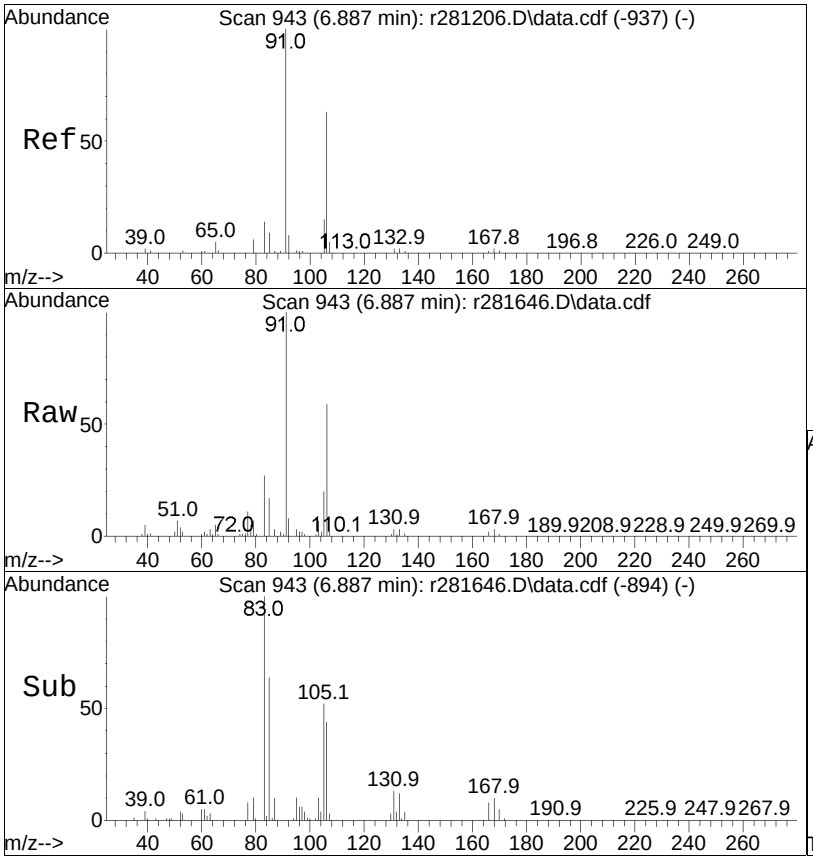


#87
1,1,2,2-tetrachloroethane
Concen: 12.11 ppbV
RT: 6.900 min Scan# 945
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 83 Resp: 372113

Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.7	76.1

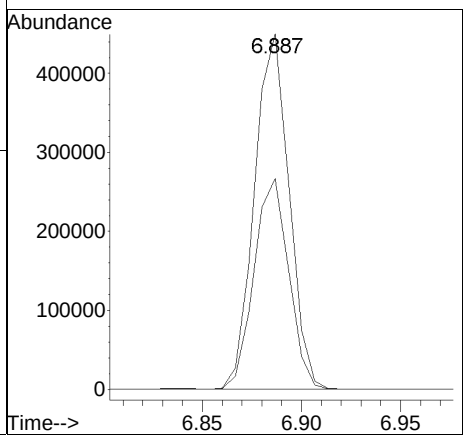


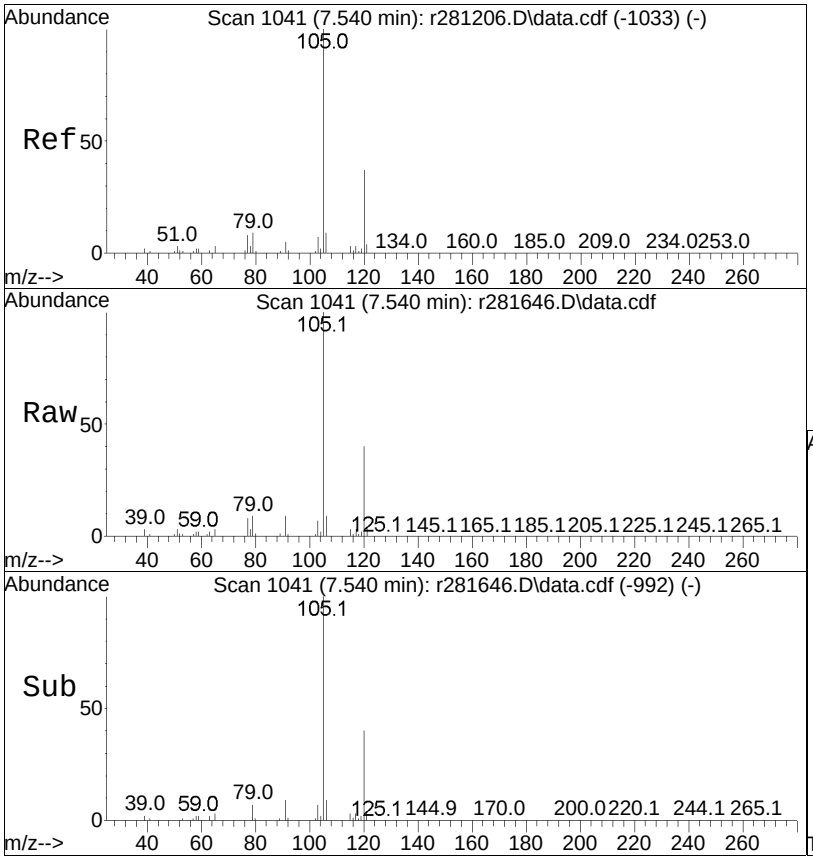


#88
o-xylene
Concen: 11.88 ppbV
RT: 6.887 min Scan# 943
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 91 Resp: 546498

Ion	Ratio	Lower	Upper
91	100		
106	59.3	50.2	75.4

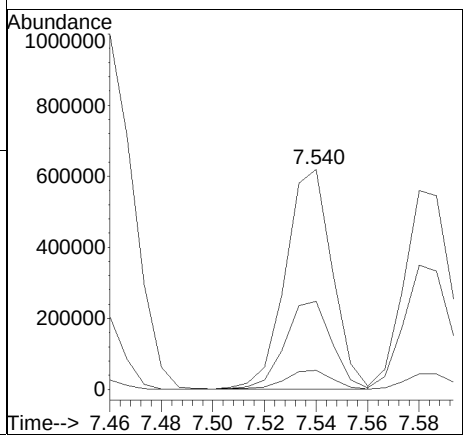


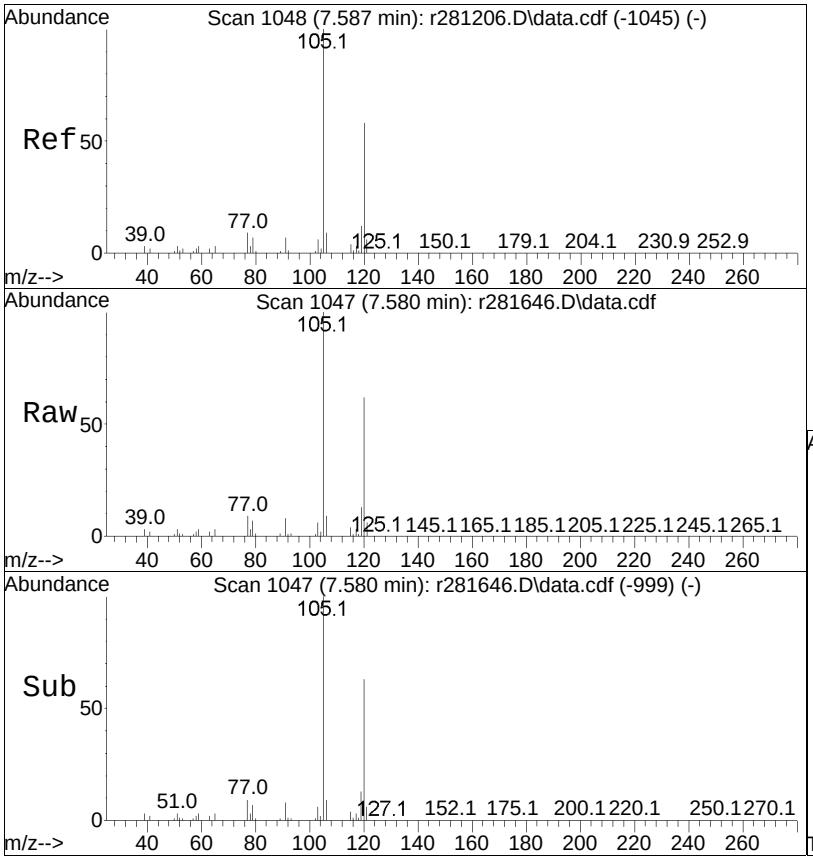


#97
4-ethyl toluene
Concen: 11.62 ppbV
RT: 7.540 min Scan# 1041
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:105 Resp: 782134

Ion	Ratio	Lower	Upper
105	100		
120	40.0	29.4	44.0
91	8.7	6.6	9.8

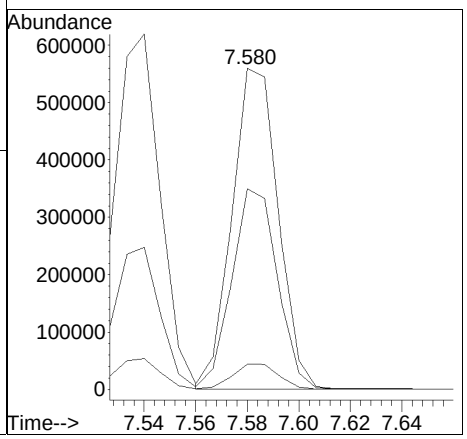


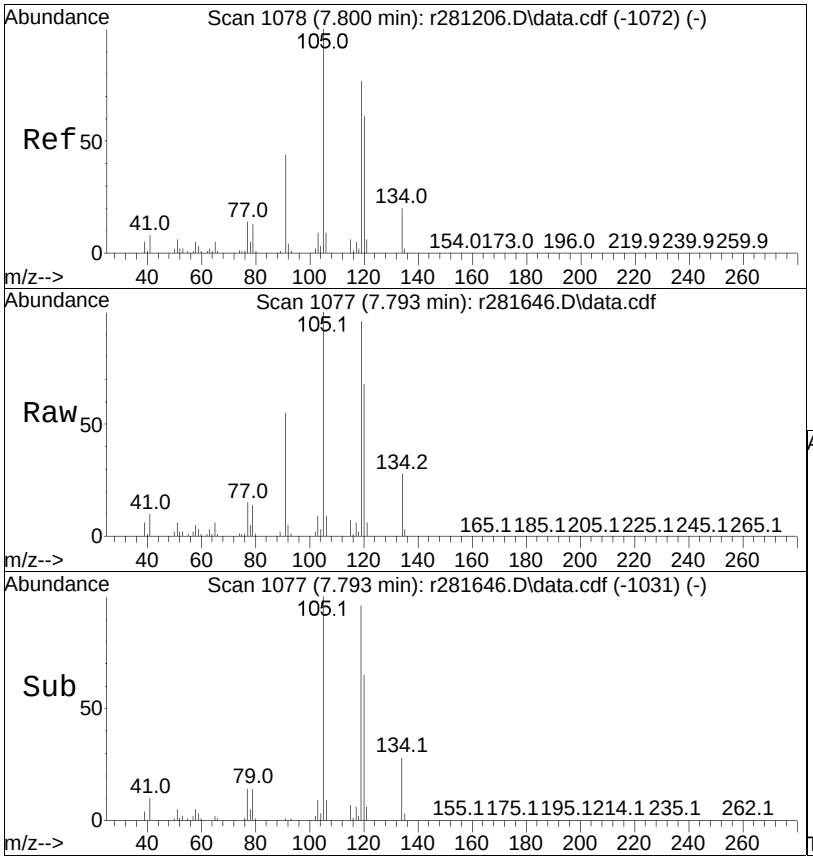


#98
1,3,5-trimethylbenzene
Concen: 11.93 ppbV
RT: 7.580 min Scan# 1047
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:105 Resp: 695869

Ion	Ratio	Lower	Upper
105	100		
120	62.5	46.2	69.2
91	7.9	6.0	9.0

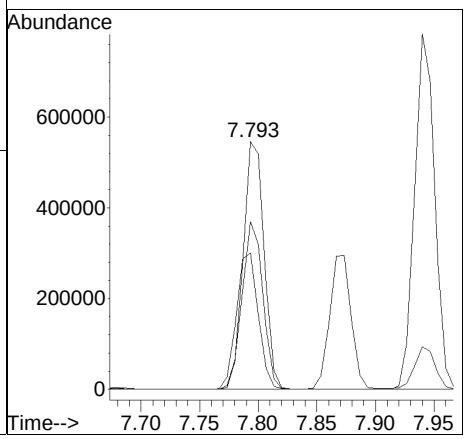


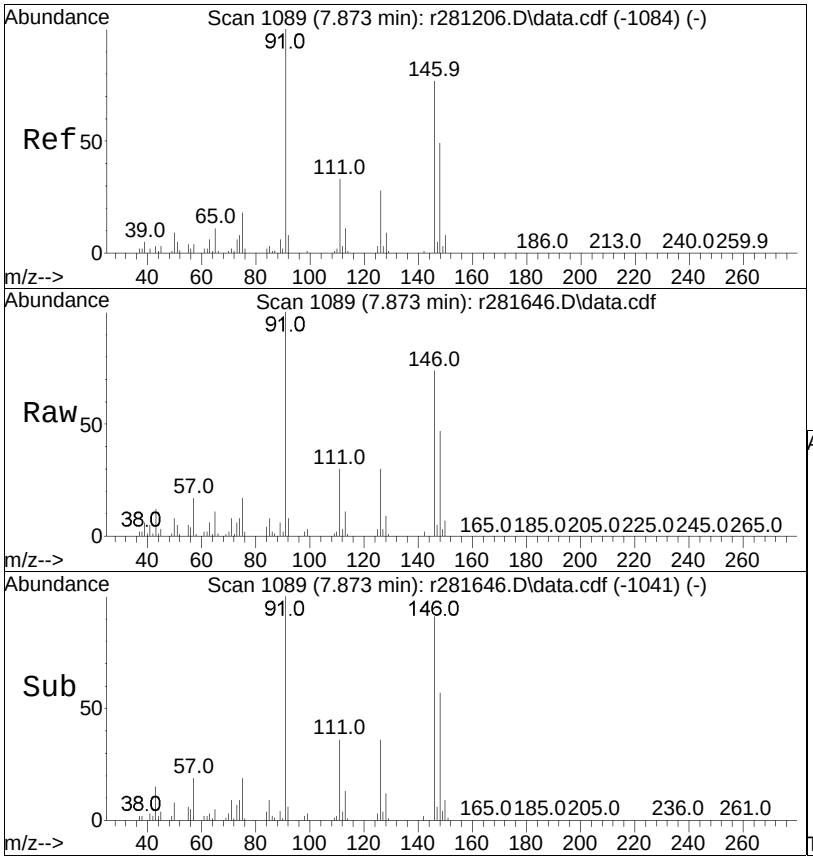


#100
1,2,4-trimethylbenzene
Concen: 11.97 ppbV
RT: 7.793 min Scan# 1077
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:105 Resp: 677113

Ion	Ratio	Lower	Upper
105	100		
120	67.7	49.2	73.8
91	55.1	35.6	53.4#

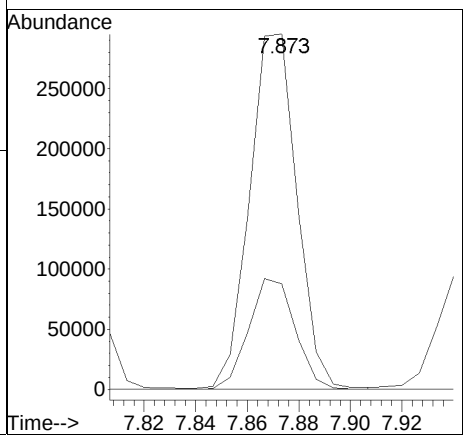


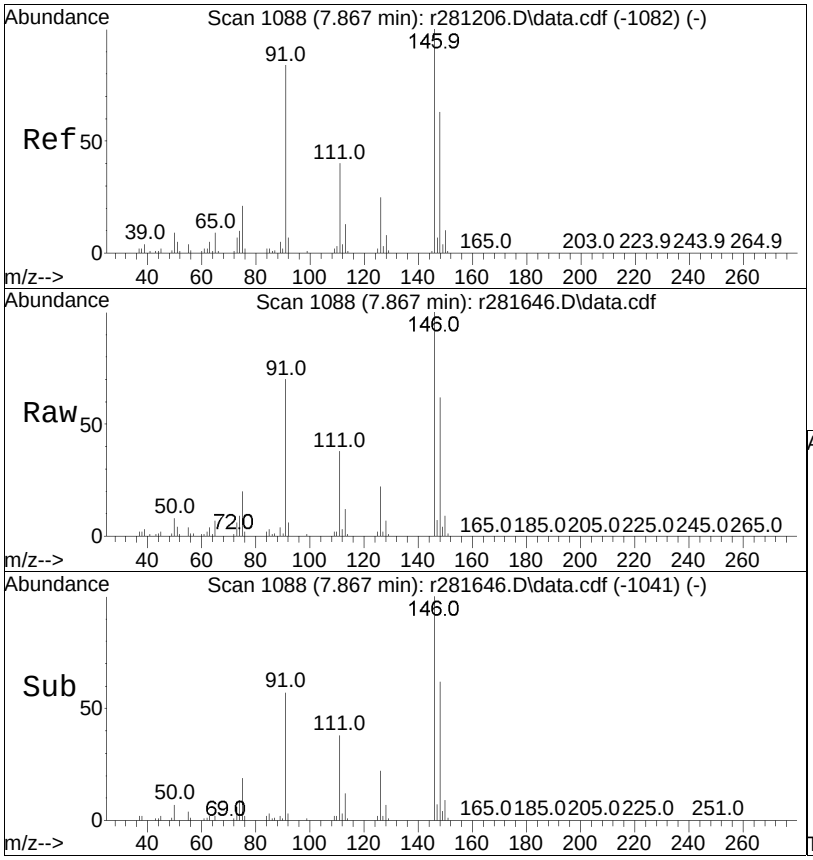


#102
Benzyl Chloride
Concen: 8.98 ppbV
RT: 7.873 min Scan# 1089
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion: 91 Resp: 377231

Ion	Ratio	Lower	Upper
91	100		
126	29.7	22.2	33.4

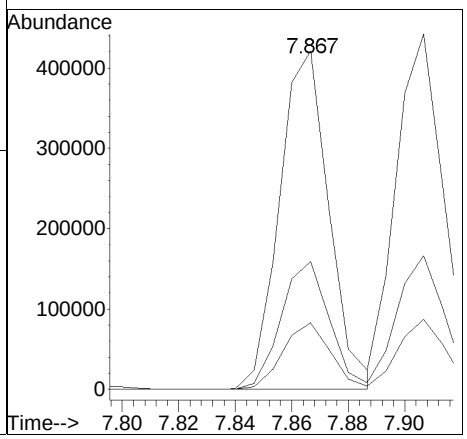


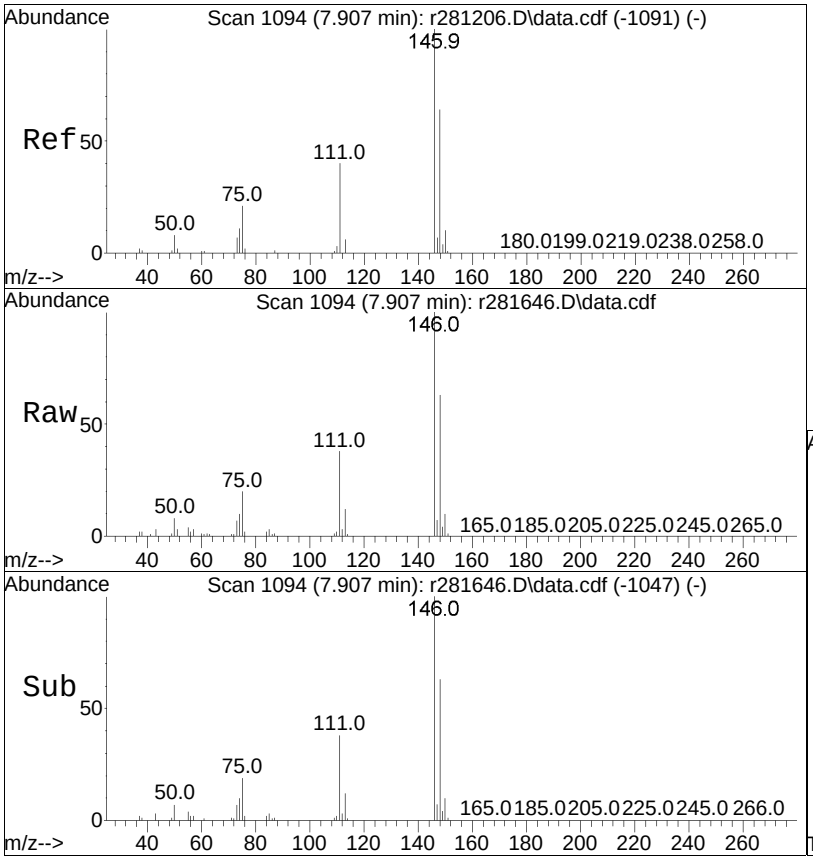


#103
1,3-dichlorobenzene
Concen: 13.12 ppbV m
RT: 7.867 min Scan# 1088
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:146 Resp: 512097

Ion	Ratio	Lower	Upper
146	100		
111	37.8	32.3	48.5
75	19.6	16.5	24.7

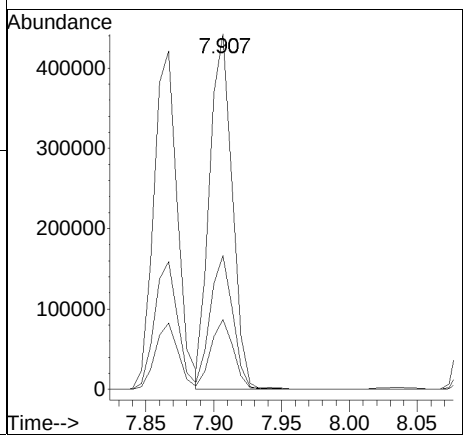


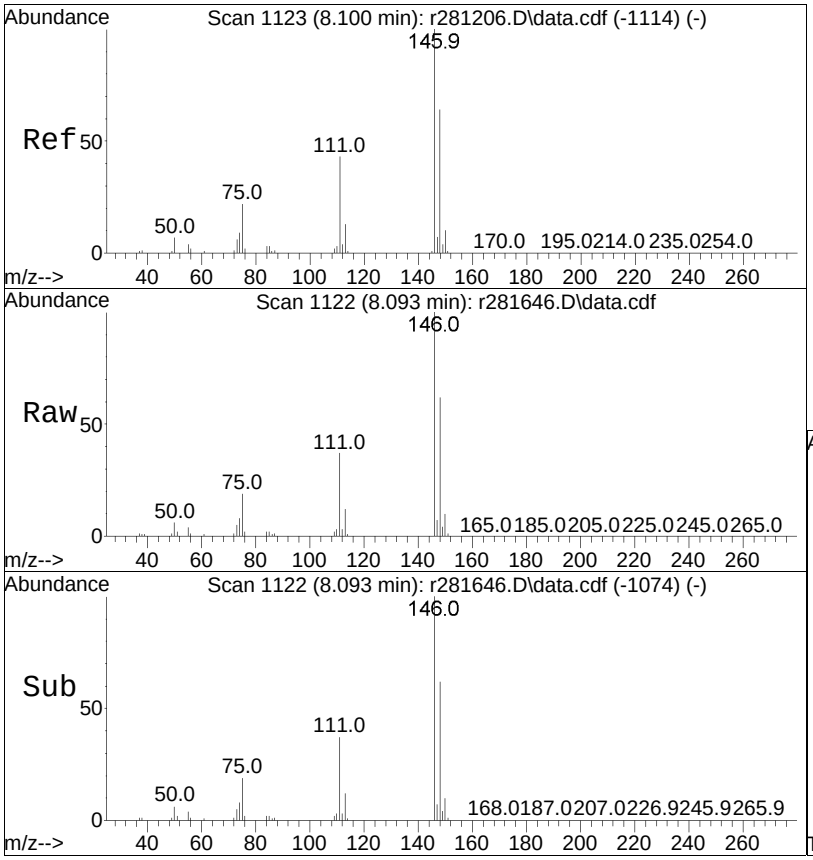


#104
1,4-dichlorobenzene
Concen: 12.76 ppbV
RT: 7.907 min Scan# 1094
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:146 Resp: 514579

Ion	Ratio	Lower	Upper
146	100		
111	37.6	32.0	48.0
75	19.7	16.8	25.2

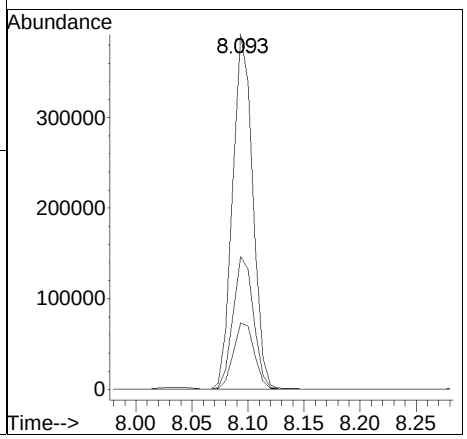


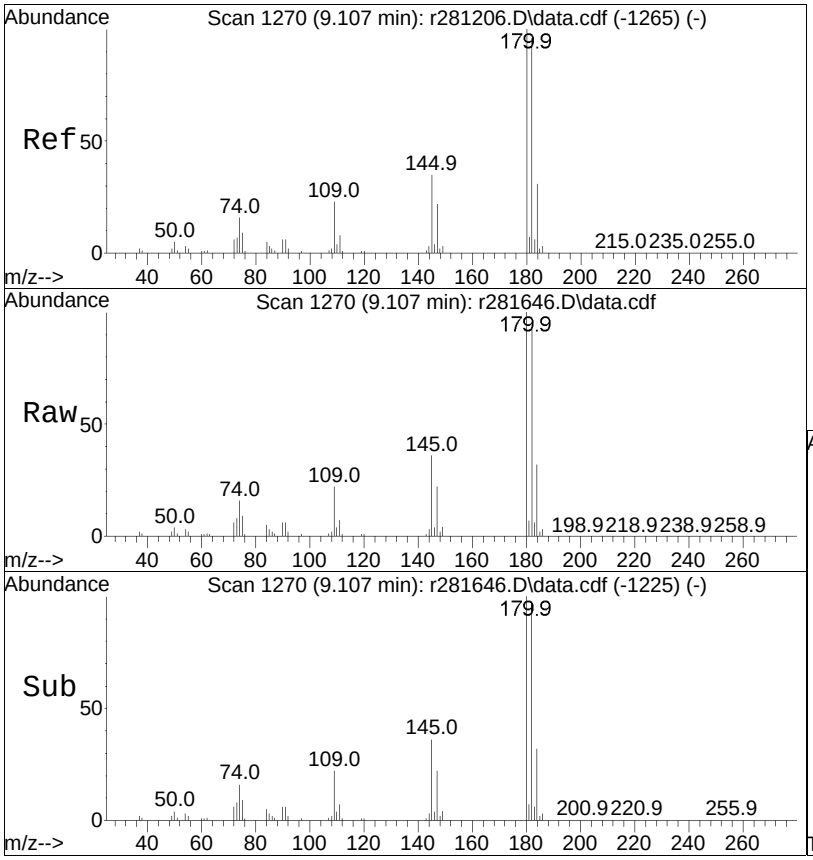


#108
1,2-dichlorobenzene
Concen: 12.75 ppbV
RT: 8.093 min Scan# 1122
Delta R.T. -0.007 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:146 Resp: 493462

Ion	Ratio	Lower	Upper
146	100		
111	37.4	34.4	51.6
75	18.8	18.1	27.1

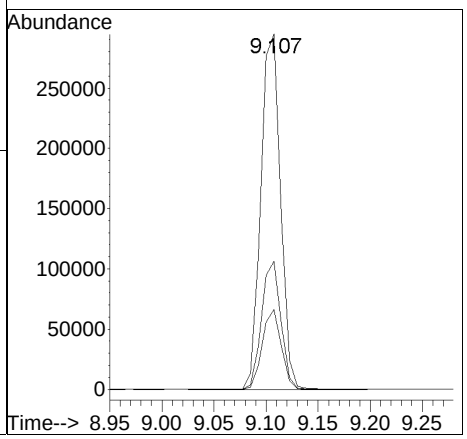


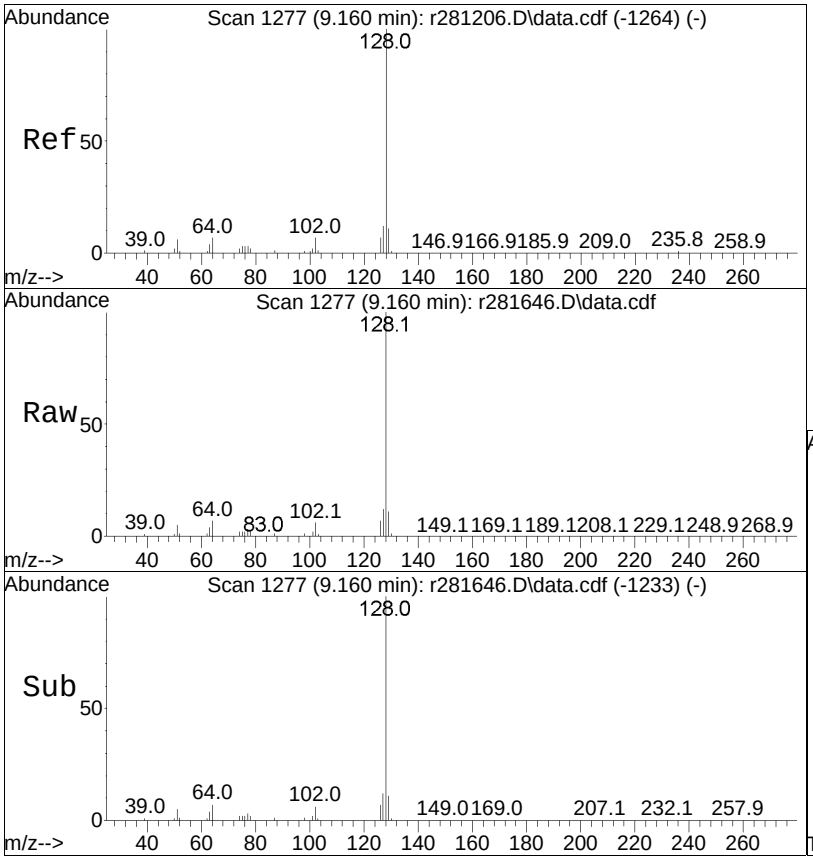


#116
1,2,4-trichlorobenzene
Concen: 13.80 ppbV
RT: 9.107 min Scan# 1270
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:180 Resp: 388391

Ion	Ratio	Lower	Upper
180	100		
145	36.0	27.8	41.8
109	22.5	18.6	27.8

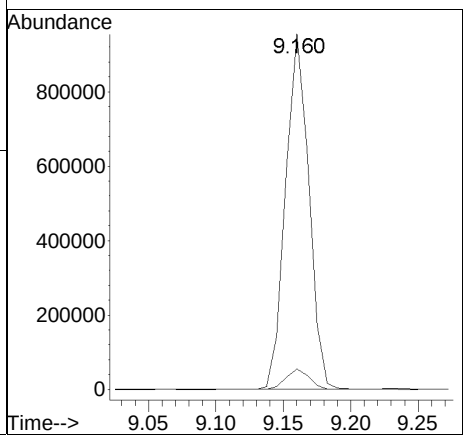


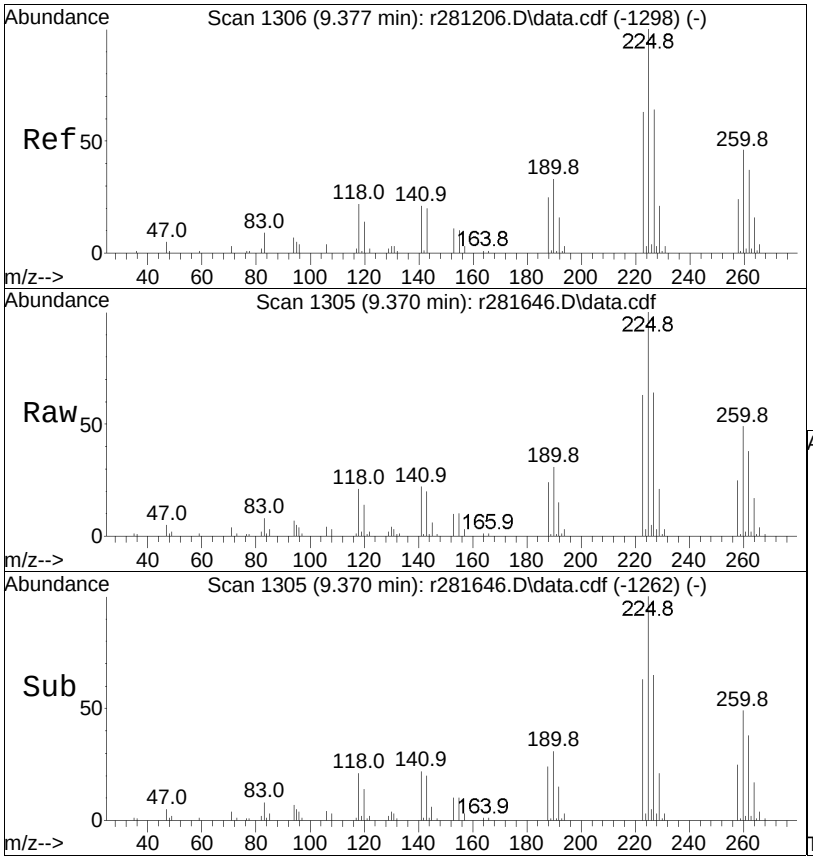


#117
naphthalene
Concen: 13.01 ppbV
RT: 9.160 min Scan# 1277
Delta R.T. 0.000 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:128 Resp: 1149699

Ion	Ratio	Lower	Upper
128	100		
102	5.7	5.3	7.9

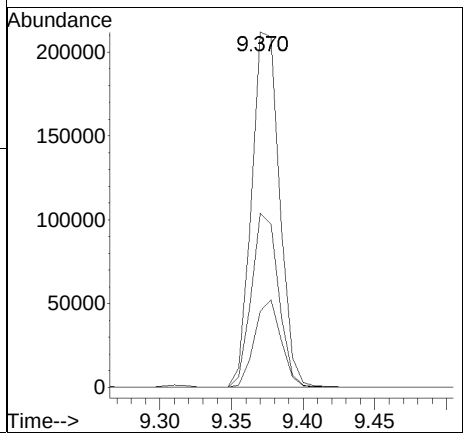




#120
hexachlorobutadiene
Concen: 12.88 ppbV
RT: 9.370 min Scan# 1305
Delta R.T. -0.008 min
Lab File: r281646.D
Acq: 4 Mar 2026 1:48 PM

Tgt Ion:225 Resp: 287827

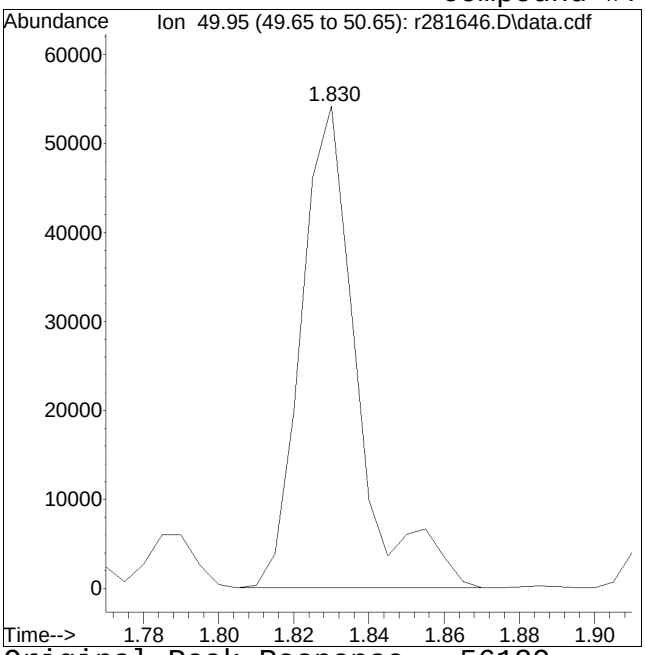
Ion	Ratio	Lower	Upper
225	100		
260	49.0	37.0	55.4
118	21.5	18.4	27.6



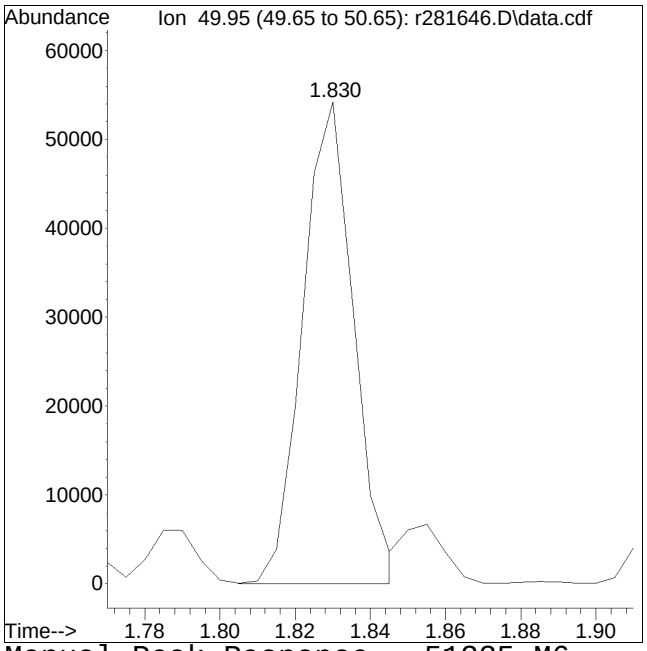
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281646.D Operator : AIRLAB28:TPH
Date Inj'd : 3/4/2026 1:48 PM Instrument :
Sample : WG2181463-3,3,250,250 Quant Date : 3/4/2026 2:44 pm

Compound #7: chloromethane



Original Peak Response = 56129



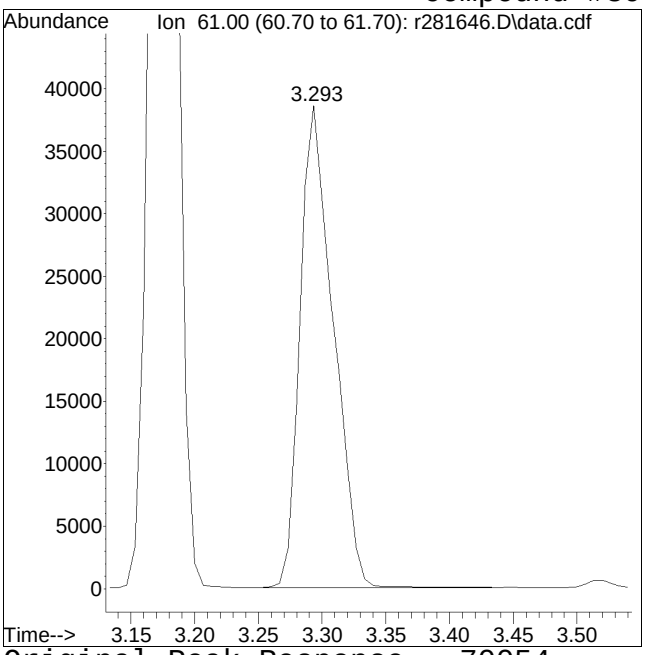
Manual Peak Response = 51235 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

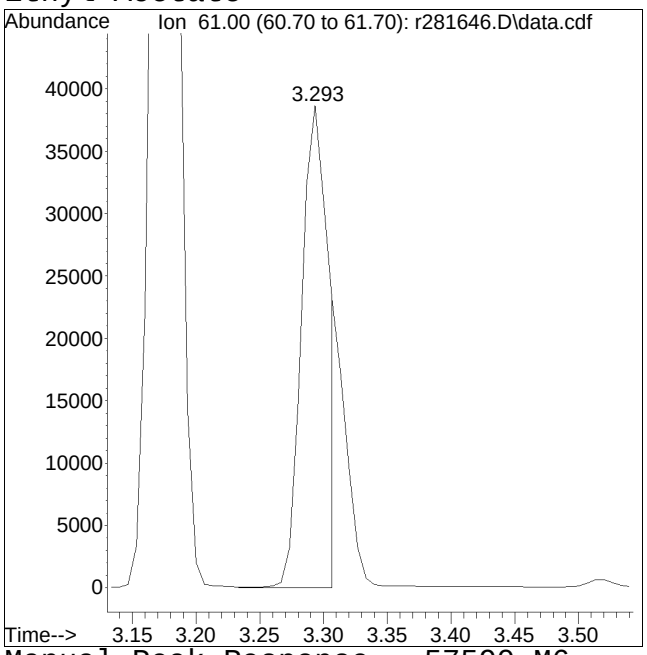
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281646.D Operator : AIRLAB28:TPH
Date Inj'd : 3/4/2026 1:48 PM Instrument :
Sample : WG2181463-3,3,250,250 Quant Date : 3/4/2026 2:44 pm

Compound #39: Ethyl Acetate



Original Peak Response = 70054



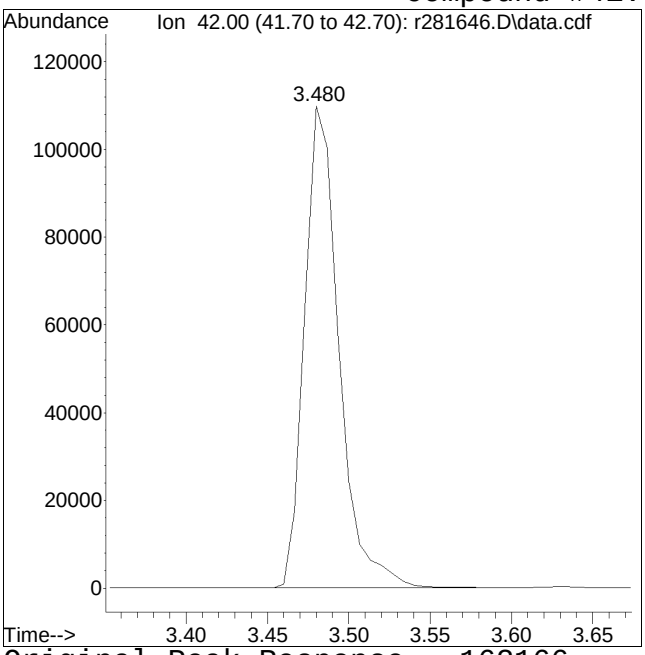
Manual Peak Response = 57590 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

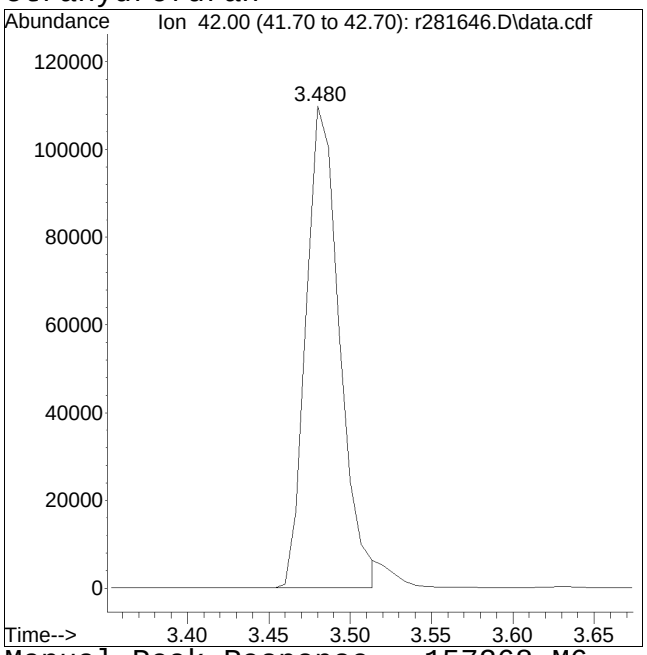
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281646.D Operator : AIRLAB28:TPH
Date Inj'd : 3/4/2026 1:48 PM Instrument :
Sample : WG2181463-3,3,250,250 Quant Date : 3/4/2026 2:44 pm

Compound #41: Tetrahydrofuran



Original Peak Response = 162166

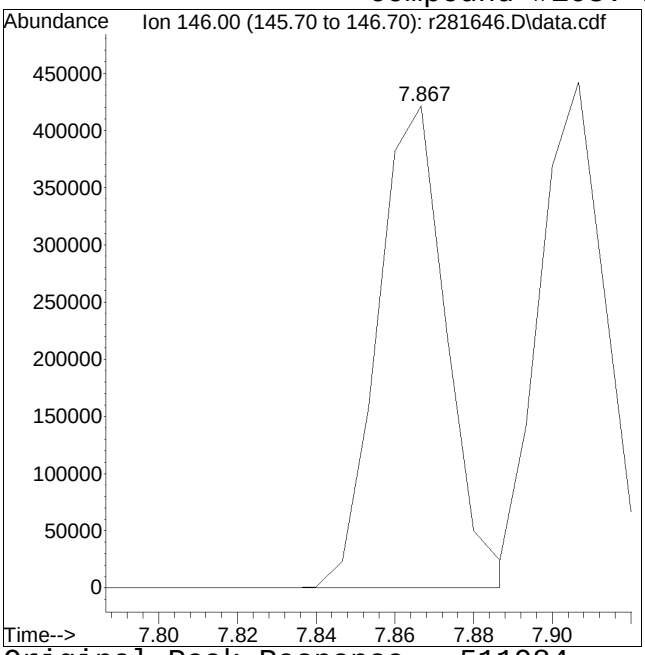


Manual Peak Response = 157268 M6

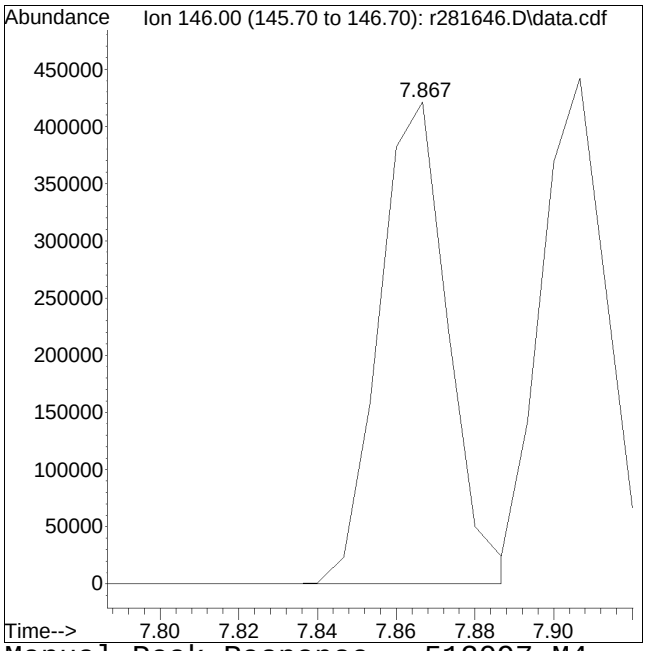
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281646.D Operator : AIRLAB28:TPH
Date Inj'd : 3/4/2026 1:48 PM Instrument :
Sample : WG2181463-3,3,250,250 Quant Date : 3/4/2026 2:44 pm

Compound #103: 1,3-dichlorobenzene



Original Peak Response = 511984



Manual Peak Response = 512097 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281658.D
Acq On : 4 Mar 2026 11:50 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-5,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:51:48 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : TO15-NY+NAPH-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.247	49	159011	10.000	ppbV	0.00
Standard Area = 139207			Recovery = 114.23%			
44) 1,4-difluorobenzene	4.167	114	628912	10.000	ppbV	0.00
Standard Area = 574876			Recovery = 109.40%			
68) chlorobenzene-D5	6.347	54	64612	10.000	ppbV	0.00
Standard Area = 52481			Recovery = 123.12%			
System Monitoring Compounds						
Target Compounds						Qvalue
6) dichlorodifluoromethane	1.785	85	3742M6	0.327	ppbV	
7) chloromethane	1.830	50	3099	0.491	ppbV	99
8) Freon-114	1.850		0	N.D.		
11) 1,3-butadiene	2.020		0	N.D.		
14) bromomethane	1.985		0	N.D.		
15) chloroethane	2.090		0	N.D.		
16) ethanol	2.060	31	28539	5.874	ppbV #	77
18) vinyl bromide	2.135		0	N.D.		
20) acetone	2.195	43	88841M6	11.611	ppbV	
22) trichlorofluoromethane	2.240	101	2331	0.230	ppbV	94
23) isopropyl alcohol	2.261	45	18705	1.423	ppbV	98
28) tertiary butyl alcohol	2.445	59	8085	0.480	ppbV #	86
29) methylene chloride	2.465	49	1131	0.149	ppbV	98
30) 3-chloropropene	0.000		0	N.D.	d	
31) carbon disulfide	2.555		0	N.D.		
32) Freon 113	2.545	101	1053	0.075	ppbV	95
33) trans-1,2-dichloroethene	2.770		0	N.D.		
34) 1,1-dichloroethane	2.850		0	N.D.		
35) MTBE	2.857		0	N.D.		
37) 2-butanone	3.010	43	62688	2.489	ppbV	95
39) Ethyl Acetate	3.307	61	392	0.069	ppbV	72
40) chloroform	3.307	83	1582	0.076	ppbV #	95
41) Tetrahydrofuran	3.493	42	35248	2.538	ppbV	96
43) 1,2-dichloroethane	3.640		0	N.D.		
45) hexane	3.267	57	13170	0.470	ppbV #	60
51) benzene	3.967	78	10036	0.192	ppbV	100
54) cyclohexane	4.093	56	8911	0.330	ppbV #	92
57) 1,2-dichloropropane	0.000		0	N.D.		
58) bromodichloromethane	0.000		0	N.D.	d	

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281658.D
Acq On : 4 Mar 2026 11:50 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-5,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:51:48 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab28\2026\03\0304T\r281646.D
Sub List : TO15-NY+NAPH-7-SIM - .

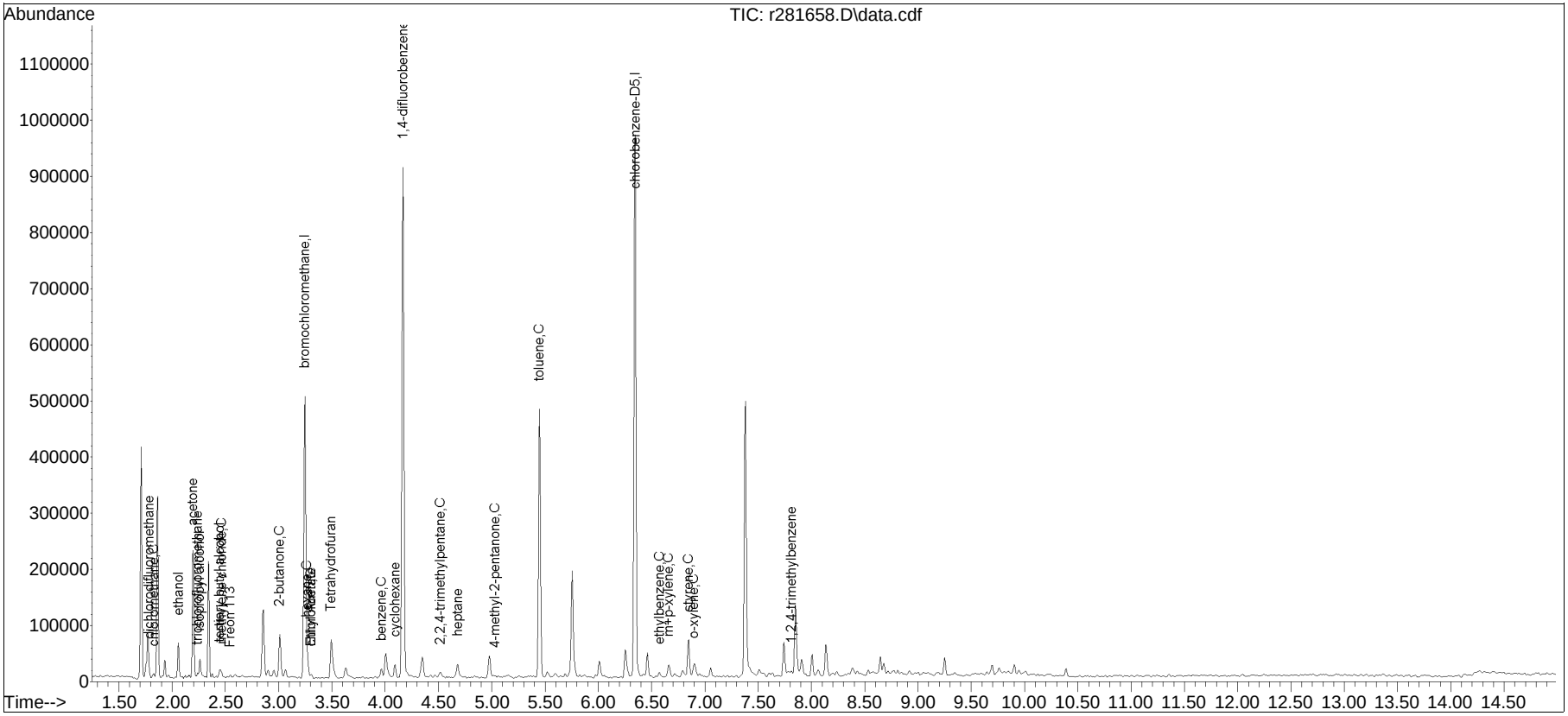
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,4-dioxane	0.000		0	N.D.		
61) 2,2,4-trimethylpentane	4.520	57	4674	0.059	ppbV #	72
63) heptane	4.680	43	7732M6	0.307	ppbV	
64) cis-1,3-dichloropropene	4.973		0	N.D.		
65) 4-methyl-2-pentanone	5.033	43	2600	0.092	ppbV	90
66) trans-1,3-dichloropropene	5.247		0	N.D.		
67) 1,1,2-trichloroethane	5.320		0	N.D.		
69) toluene	5.447	91	271910	4.619	ppbV	98
73) 2-hexanone	0.000		0	N.D.	d	
75) dibromochloromethane	5.660		0	N.D.		
76) 1,2-dibromoethane	5.820		0	N.D.		
81) chlorobenzene	6.373		0	N.D.		
82) ethylbenzene	6.573	91	4278	0.060	ppbV	92
84) m+p-xylene	6.660	91	11687	0.207	ppbV	92
85) bromoform	6.680		0	N.D.		
86) styrene	6.847	104	19364	0.354	ppbV	94
87) 1,1,2,2-tetrachloroethane	6.793		0	N.D.		
88) o-xylene	6.893	91	4649	0.082	ppbV	92
97) 4-ethyl toluene	7.547		0	N.D.		
98) 1,3,5-trimethylbenzene	7.593		0	N.D.		
100) 1,2,4-trimethylbenzene	7.813	105	4132	0.059	ppbV #	73
102) Benzyl Chloride	7.947		0	N.D.		
103) 1,3-dichlorobenzene	7.847		0	N.D.		
104) 1,4-dichlorobenzene	7.920		0	N.D.		
108) 1,2-dichlorobenzene	8.087		0	N.D.		
116) 1,2,4-trichlorobenzene	9.123		0	N.D.		
117) naphthalene	9.175		0	N.D.		
120) hexachlorobutadiene	9.377		0	N.D.		

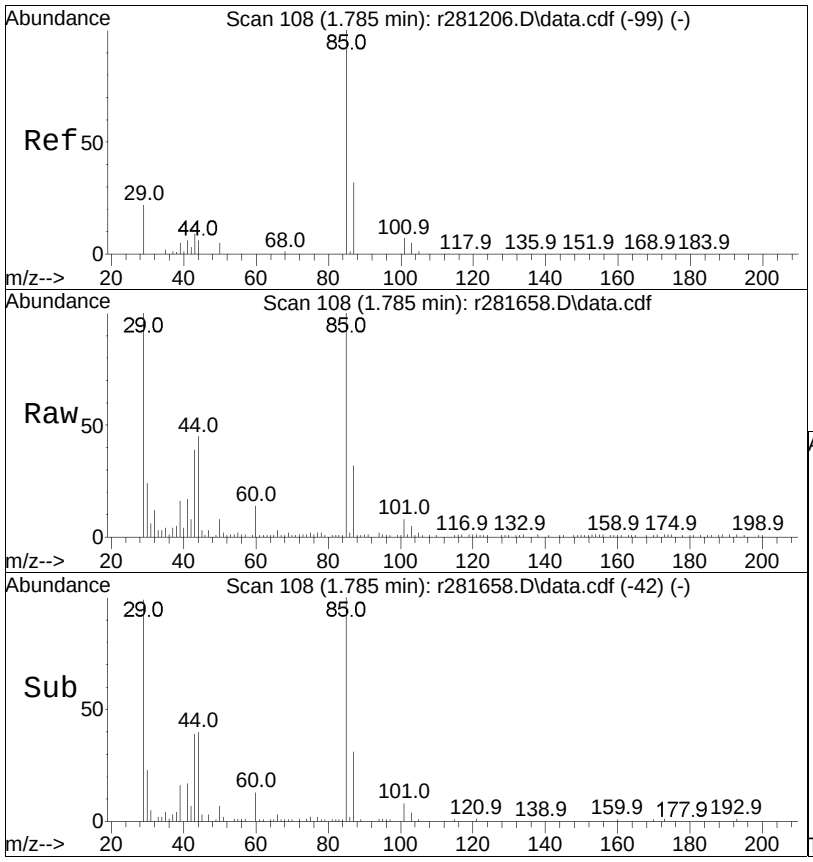
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY+NAPH-7-SIM - .8\2026\03\0304T\r281646.D

Data Path : X:\Airlab\Data\Airlab28\2026\03\0304T\
Data File : r281658.D
Acq On : 4 Mar 2026 11:50 PM
Operator : AIRLAB28:TPH
Sample : WG2181463-5,3,250,250
Misc : WG2181463,ICAL23051
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 07:51:48 2026
Quant Method : X:\Airlab\Data\Airlab28\2026\03\0304T\TFS28_2600210.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Feb 11 08:35:36 2026
Response via : Initial Calibration

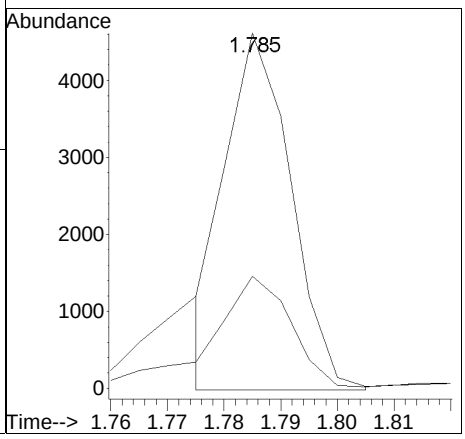


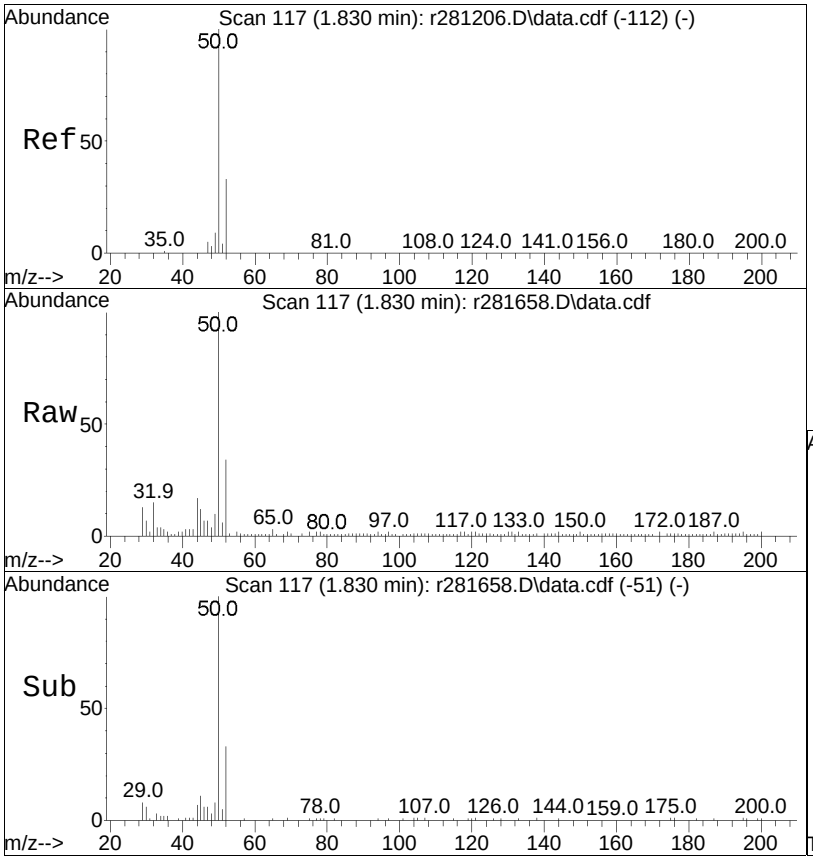


#6
dichlorodifluoromethane
Concen: 0.33 ppbV m
RT: 1.785 min Scan# 108
Delta R.T. 0.000 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 85 Resp: 3742

Ion	Ratio	Lower	Upper
85	100		
87	31.5	25.8	38.8

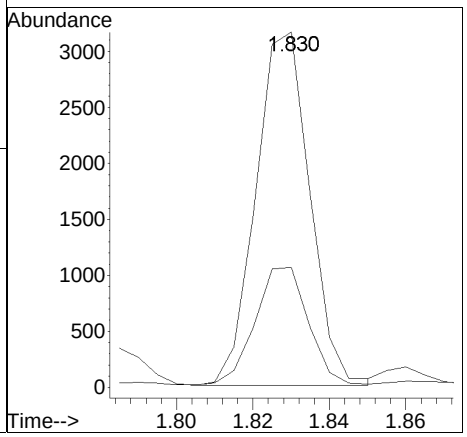


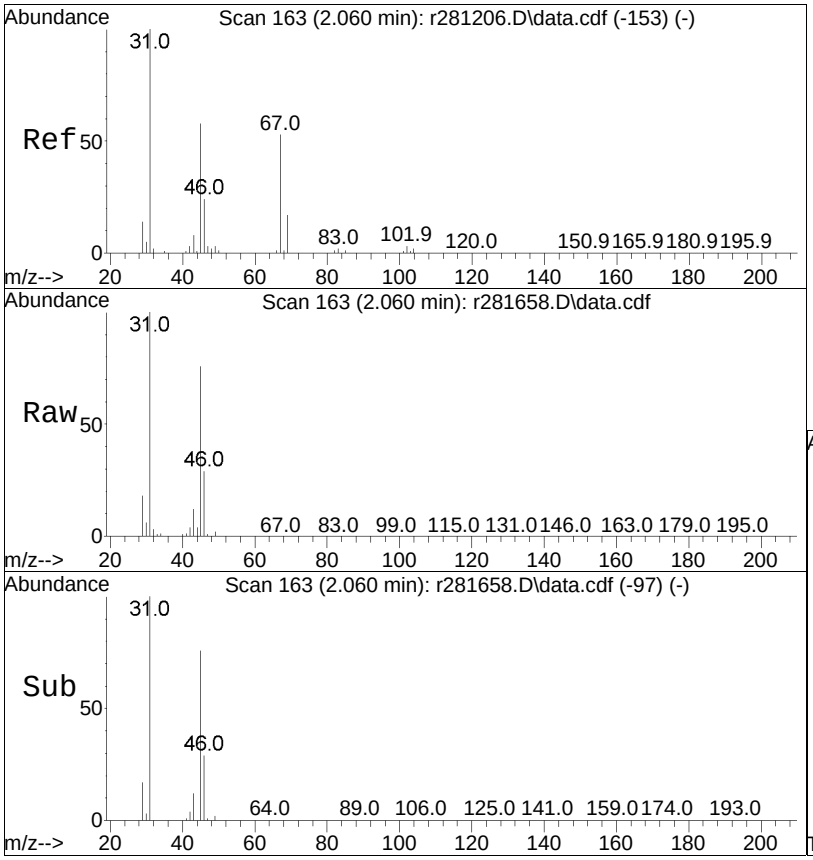


#7
chloromethane
Concen: 0.49 ppbV
RT: 1.830 min Scan# 117
Delta R.T. 0.000 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 50 Resp: 3099

Ion	Ratio	Lower	Upper
50	100		
52	33.8	26.7	40.1

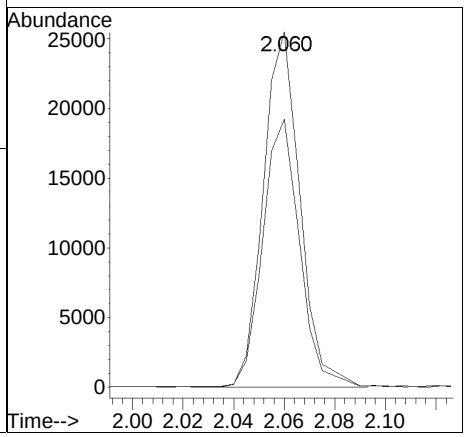


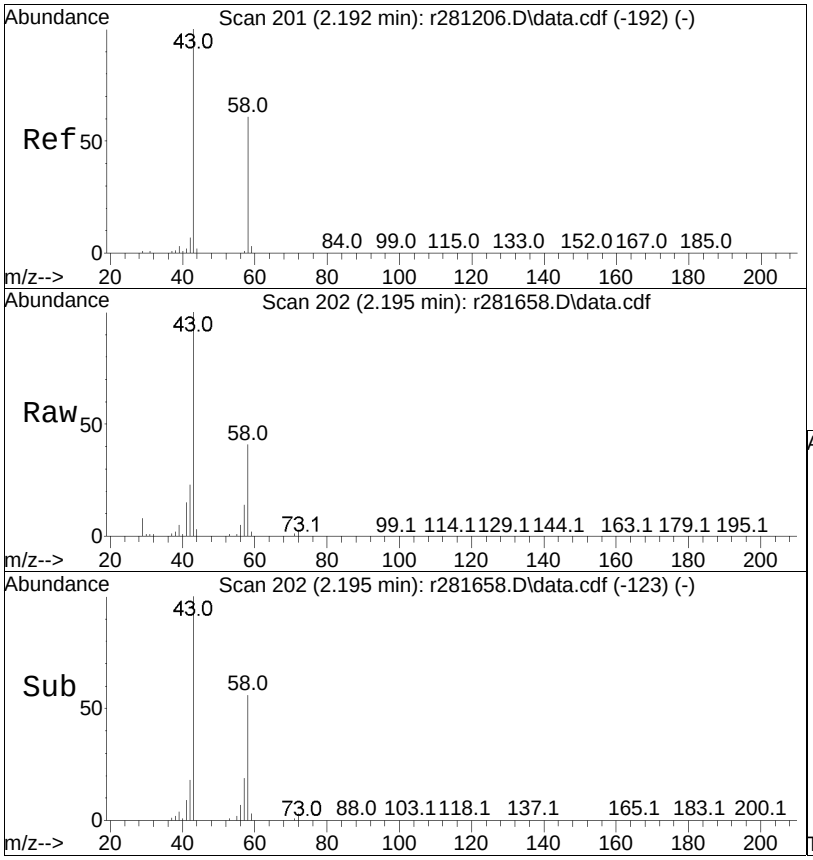


#16
ethanol
Concen: 5.87 ppbV
RT: 2.060 min Scan# 163
Delta R.T. 0.000 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 31 Resp: 28539

Ion	Ratio	Lower	Upper
31	100		
45	75.5	46.8	70.2#

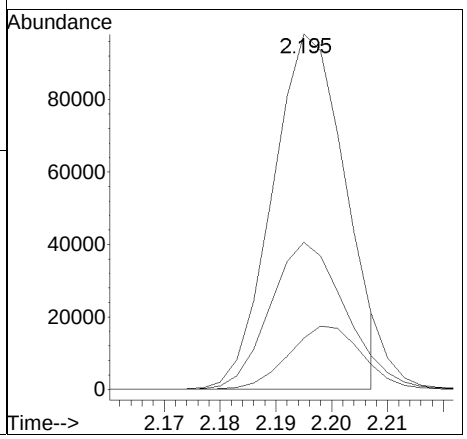


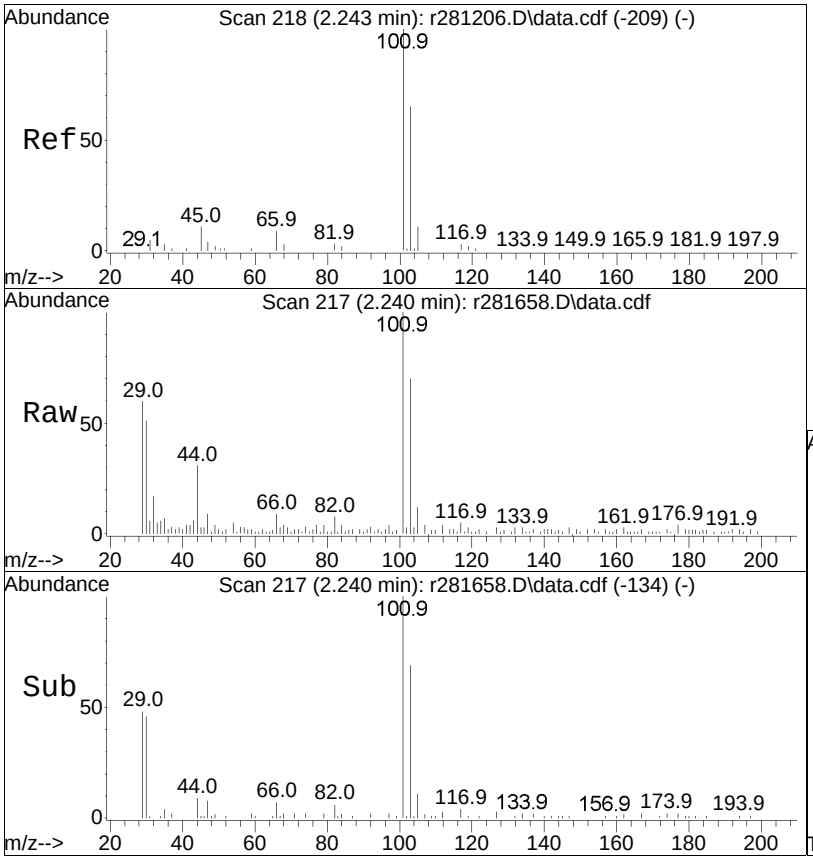


#20
acetone
Concen: 11.61 ppbV m
RT: 2.195 min Scan# 202
Delta R.T. 0.003 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 43 Resp: 88841

Ion	Ratio	Lower	Upper
43	100		
58	41.4	49.0	73.4#
57	14.4	1.4	2.0#

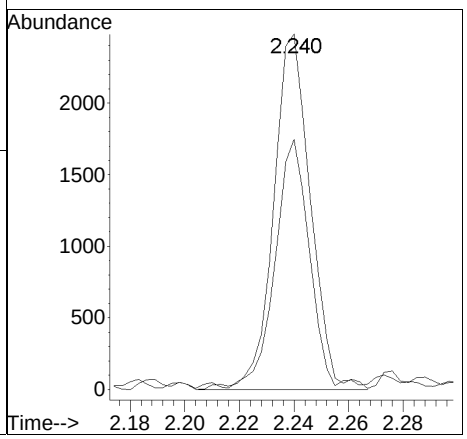


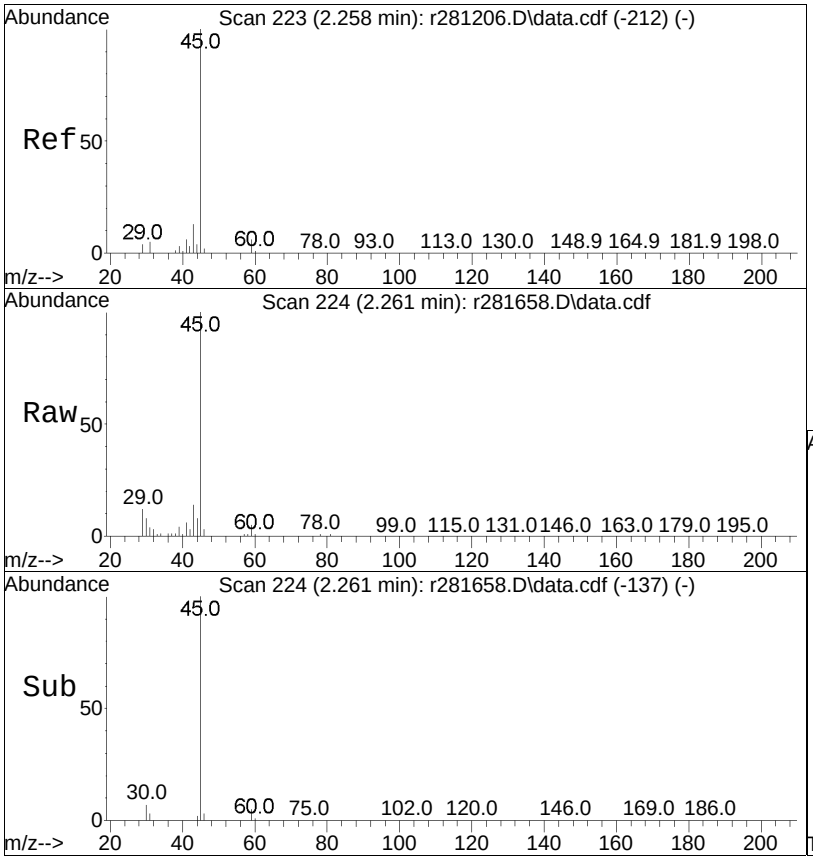


#22
trichlorofluoromethane
Concen: 0.23 ppbV
RT: 2.240 min Scan# 217
Delta R.T. -0.003 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion:101 Resp: 2331

Ion	Ratio	Lower	Upper
101	100		
103	70.4	52.4	78.6

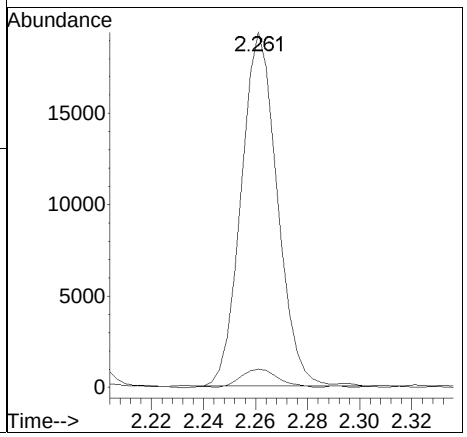


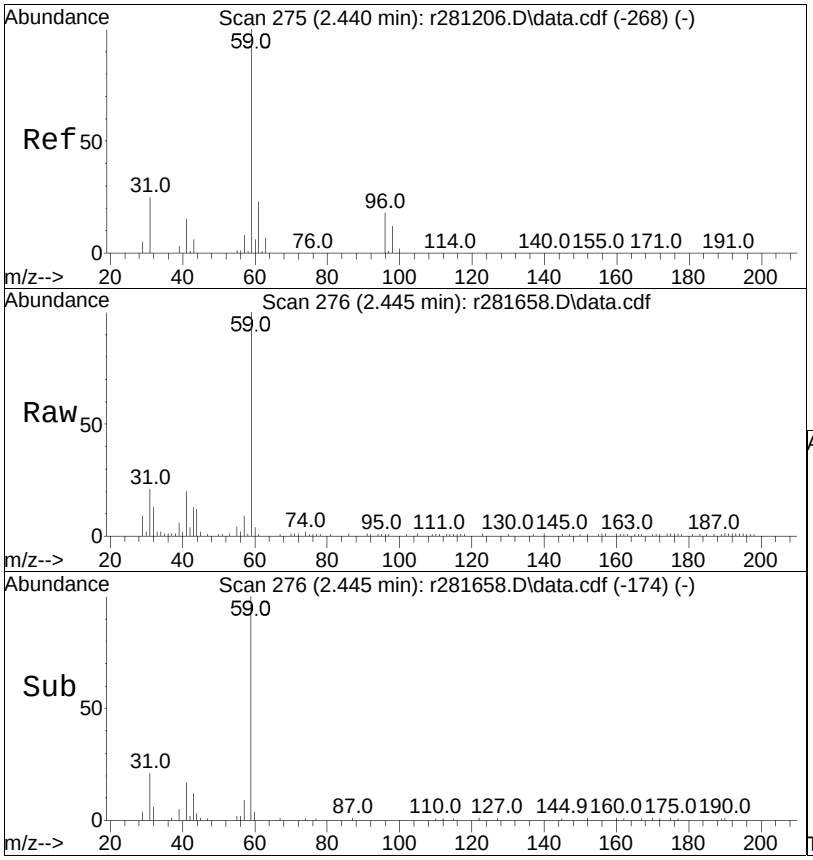


#23
isopropyl alcohol
Concen: 1.42 ppbV
RT: 2.261 min Scan# 224
Delta R.T. 0.003 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 45 Resp: 18705

Ion	Ratio	Lower	Upper
45	100		
59	5.2	4.6	7.0

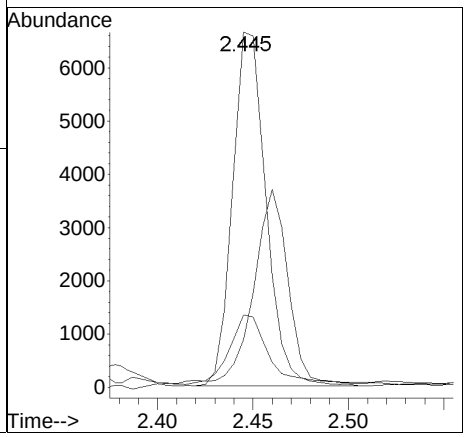


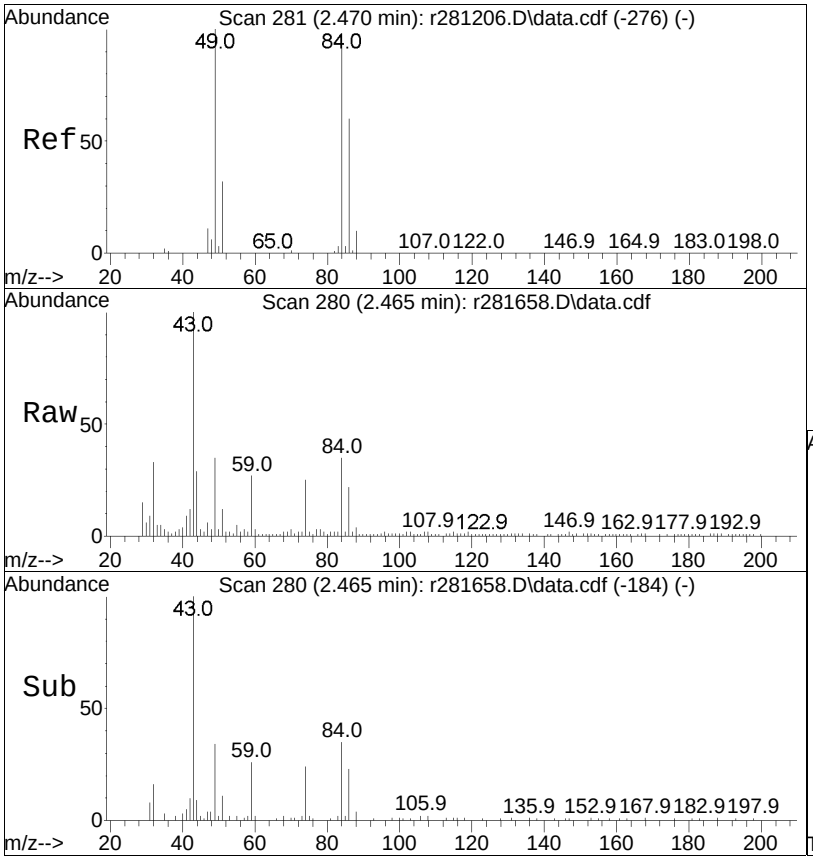


#28
tertiary butyl alcohol
Concen: 0.48 ppbV
RT: 2.445 min Scan# 276
Delta R.T. 0.005 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 59 Resp: 8085

Ion	Ratio	Lower	Upper
59	100		
41	20.4	12.5	18.7#
43	13.4	5.5	8.3#

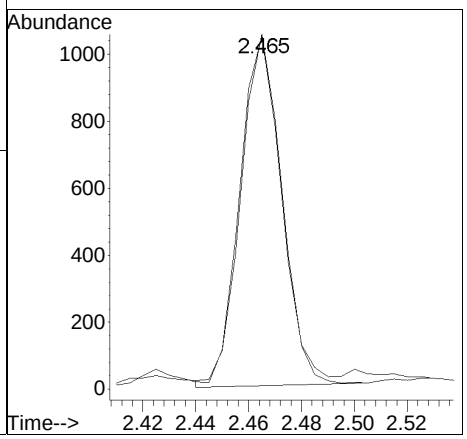


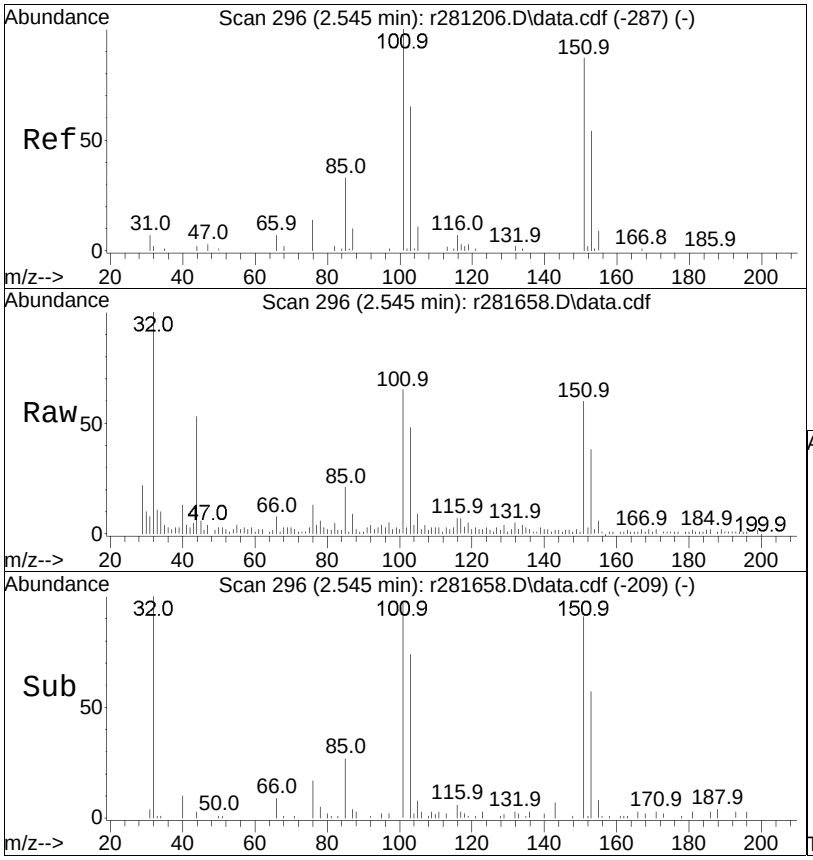


#29
methylene chloride
Concen: 0.15 ppbV
RT: 2.465 min Scan# 280
Delta R.T. -0.005 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 49 Resp: 1131

Ion	Ratio	Lower	Upper
49	100		
84	99.3	77.6	116.4

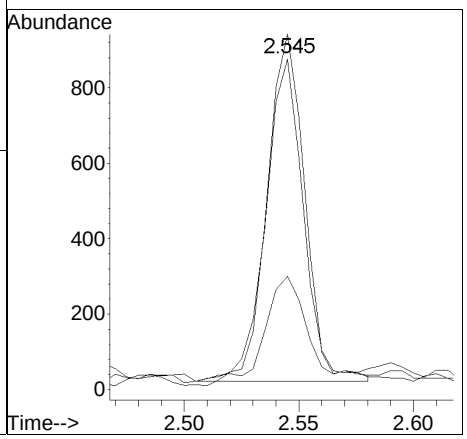


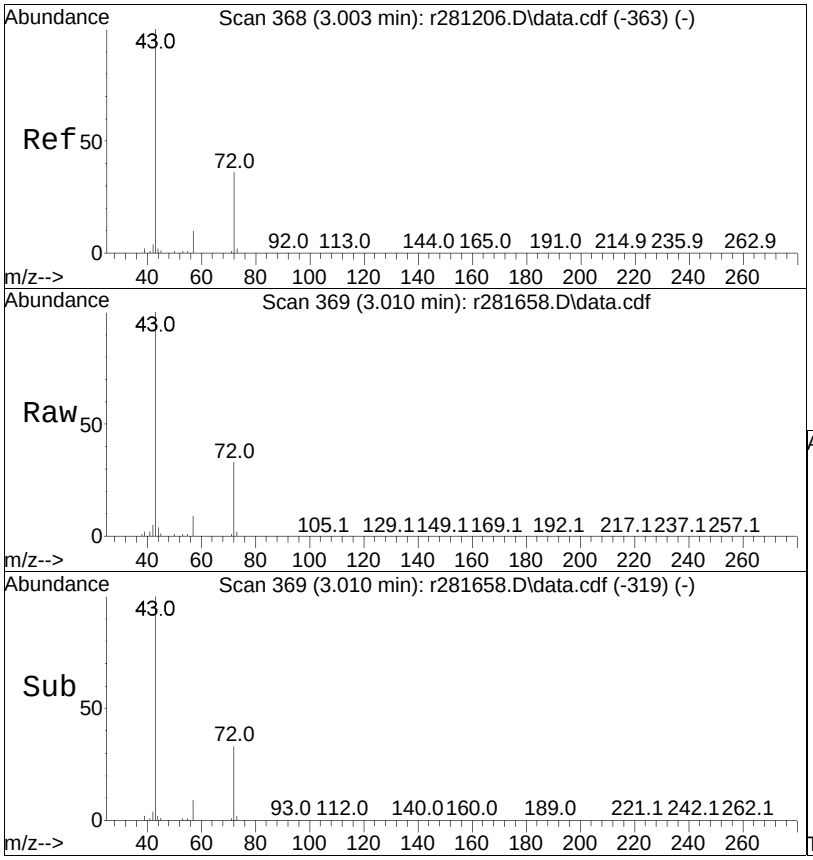


#32
Freon 113
Concen: 0.07 ppbV
RT: 2.545 min Scan# 296
Delta R.T. 0.000 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion:101 Resp: 1053

Ion	Ratio	Lower	Upper
101	100		
85	31.8	26.8	40.2
151	92.9	69.6	104.4

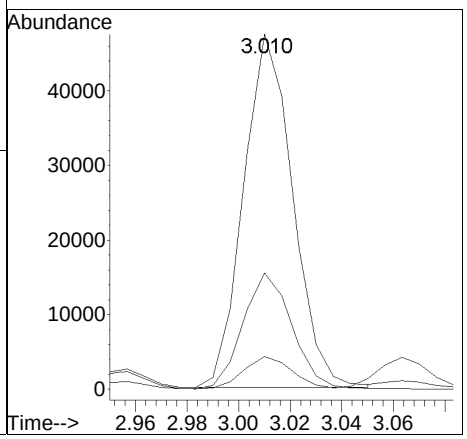


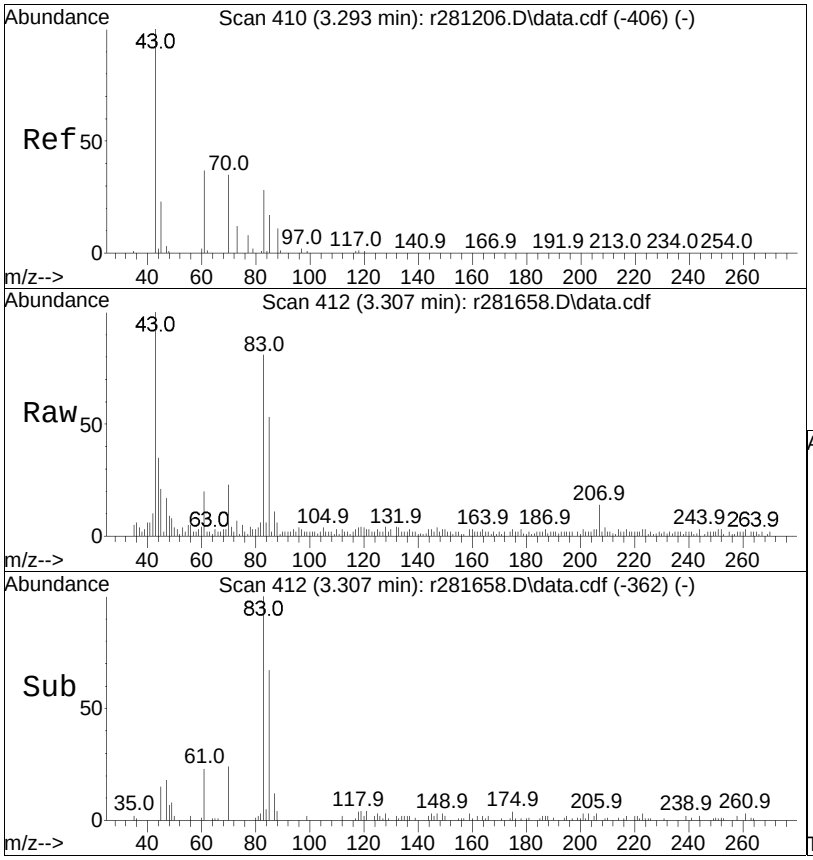


#37
2-butanone
Concen: 2.49 ppbV
RT: 3.010 min Scan# 369
Delta R.T. 0.007 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 43 Resp: 62688

Ion	Ratio	Lower	Upper
43	100		
72	32.8	29.0	43.6
57	9.3	8.2	12.2

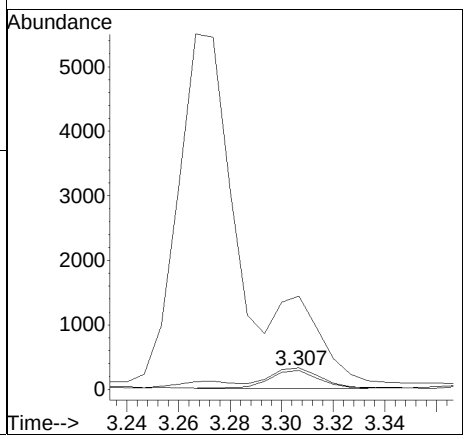


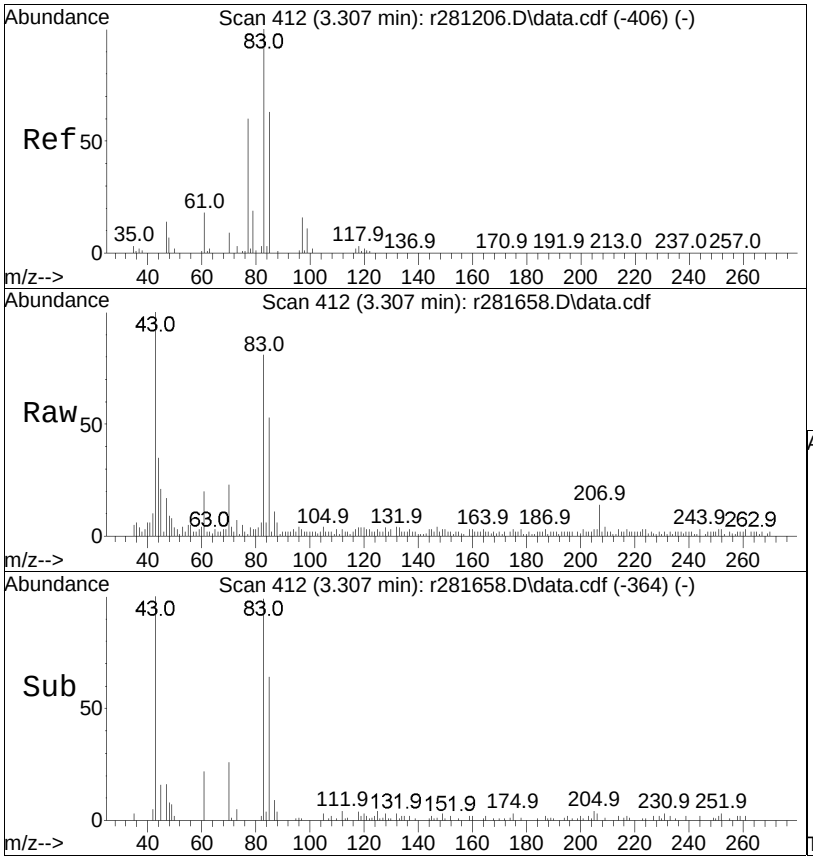


#39
Ethyl Acetate
Concen: 0.07 ppbV
RT: 3.307 min Scan# 412
Delta R.T. 0.013 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 61 Resp: 392

Ion	Ratio	Lower	Upper
61	100		
70	113.2	81.4	122.0
43	490.5	467.4	701.0

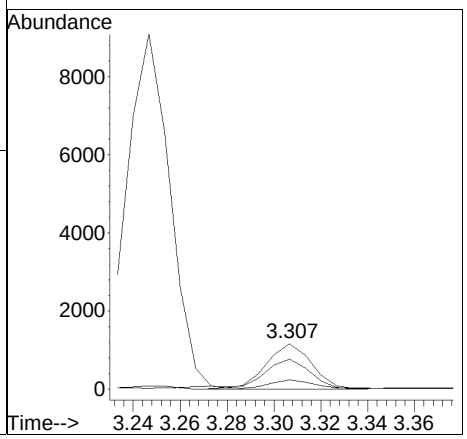


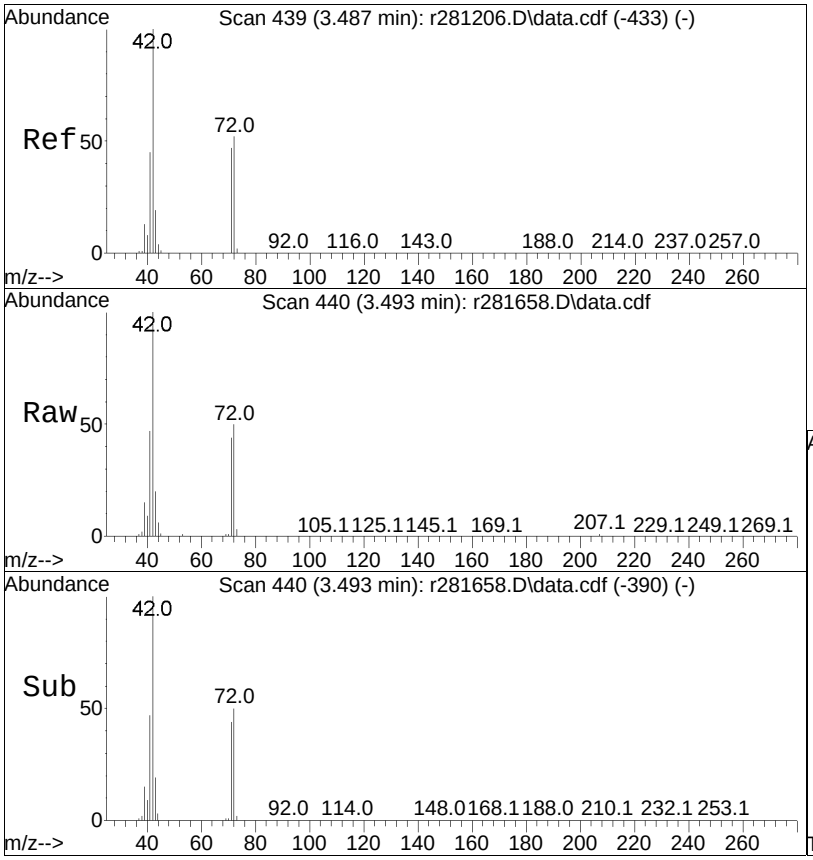


#40
chloroform
Concen: 0.08 ppbV
RT: 3.307 min Scan# 412
Delta R.T. 0.000 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 83 Resp: 1582

Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.1	76.7
47	20.9	12.1	18.1#

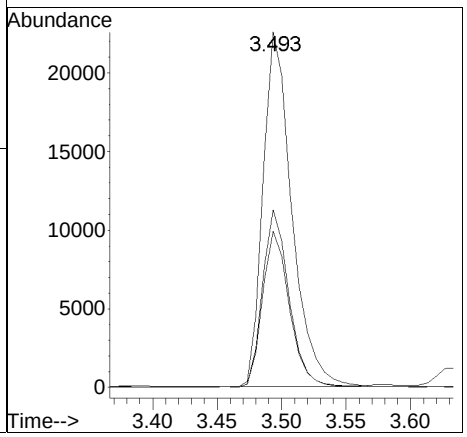


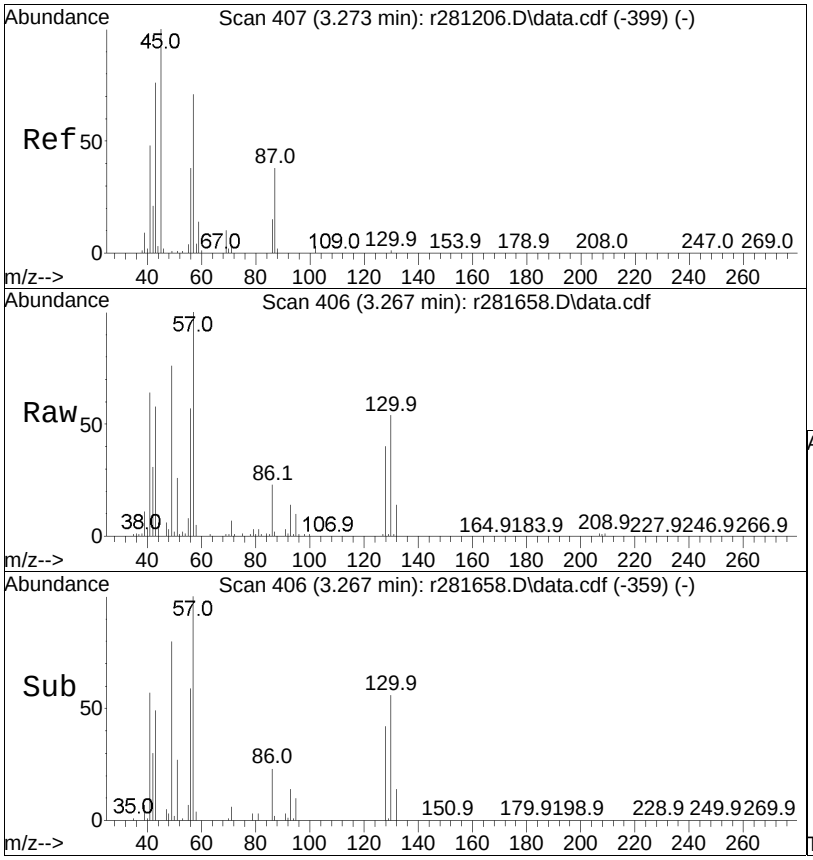


#41
Tetrahydrofuran
Concen: 2.54 ppbV
RT: 3.493 min Scan# 440
Delta R.T. 0.007 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 42 Resp: 35248

Ion	Ratio	Lower	Upper
42	100		
71	44.0	38.0	57.0
72	50.0	41.5	62.3

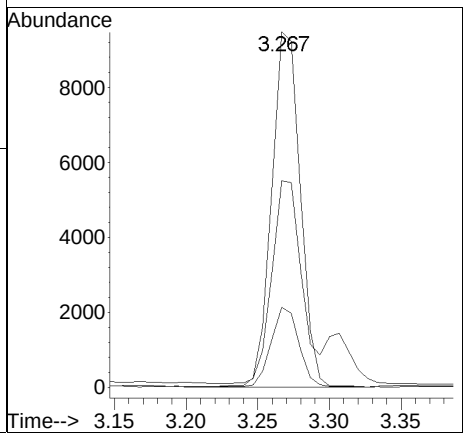


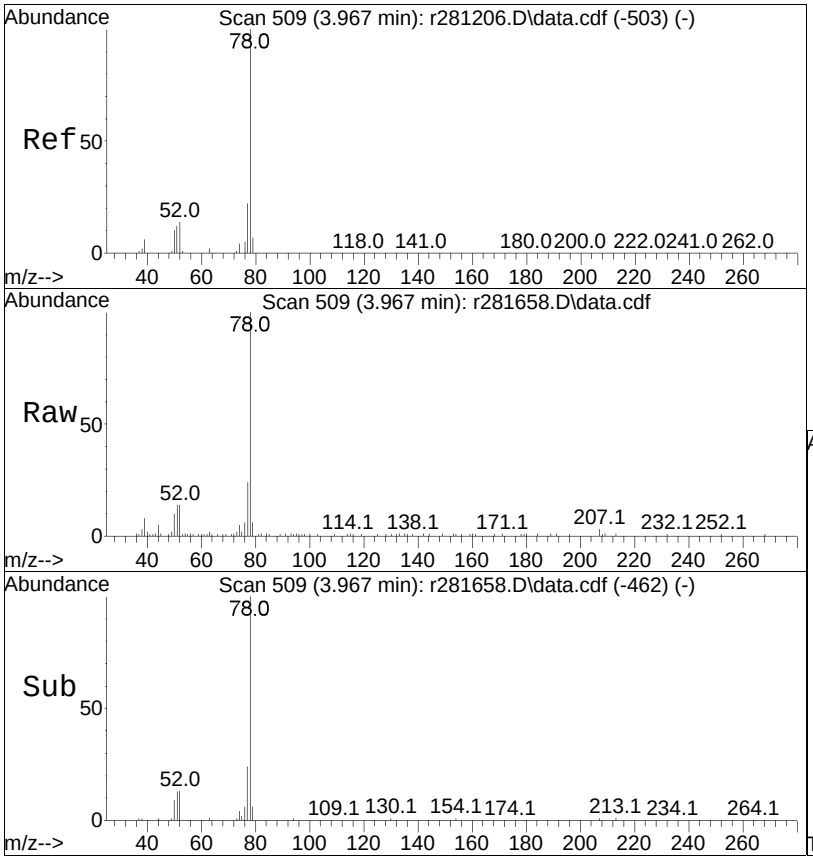


#45
hexane
Concen: 0.47 ppbV
RT: 3.267 min Scan# 406
Delta R.T. -0.007 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 57 Resp: 13170

Ion	Ratio	Lower	Upper
57	100		
43	58.1	85.3	127.9#
86	22.6	16.6	25.0

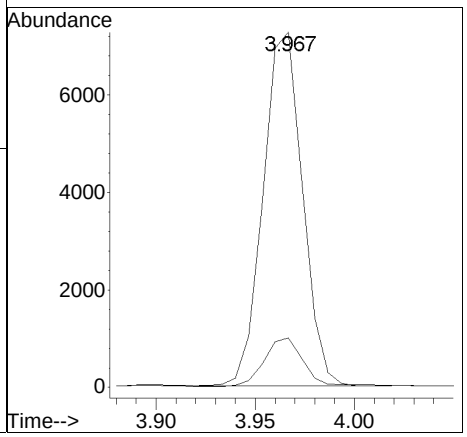


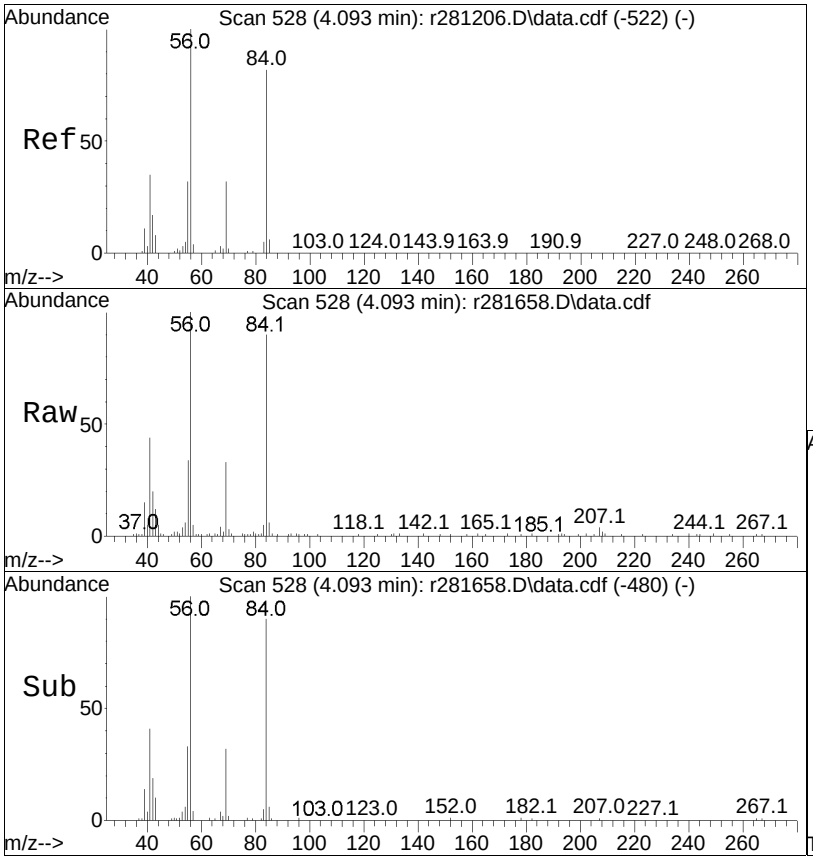


#51
benzene
Concen: 0.19 ppbV
RT: 3.967 min Scan# 509
Delta R.T. 0.000 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 78 Resp: 10036

Ion	Ratio	Lower	Upper
78	100		
52	13.9	11.2	16.8

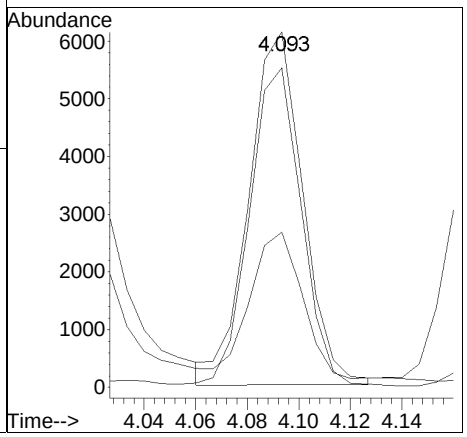


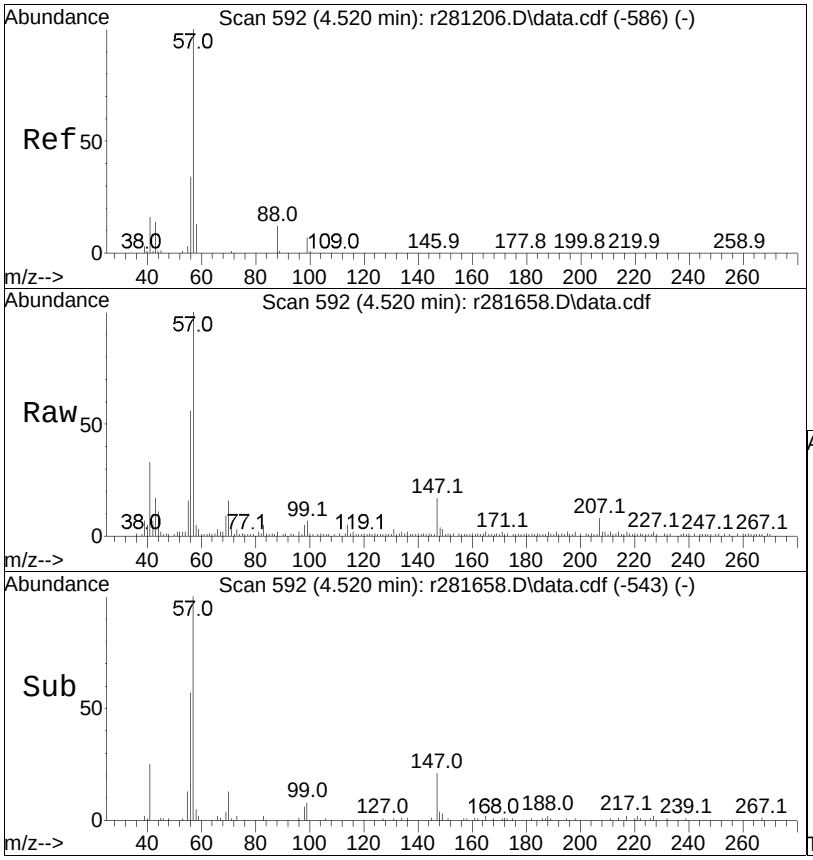


#54
cyclohexane
Concen: 0.33 ppbV
RT: 4.093 min Scan# 528
Delta R.T. 0.000 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 56 Resp: 8911

Ion	Ratio	Lower	Upper
56	100		
84	89.9	67.8	101.8
41	43.7	28.4	42.6#

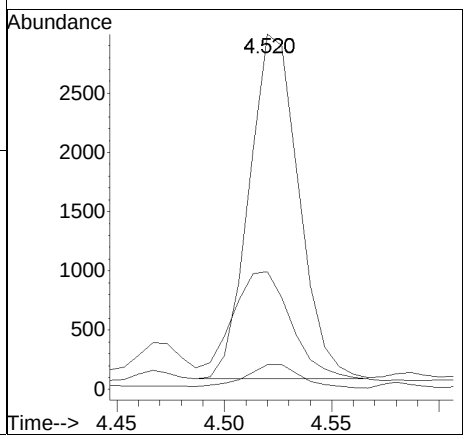


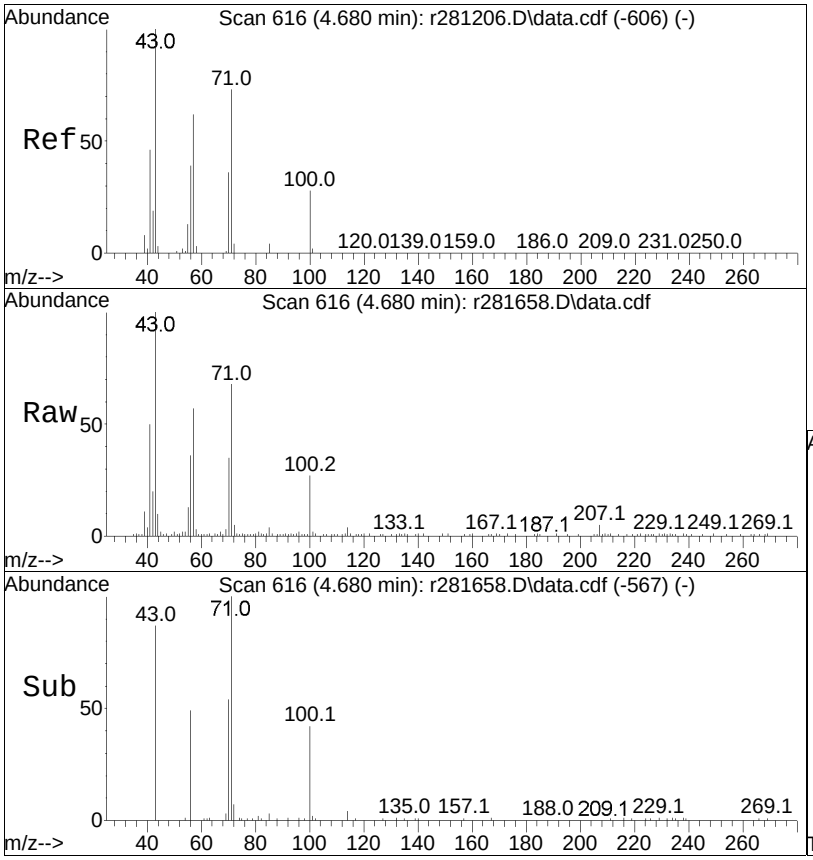


#61
2,2,4-trimethylpentane
Concen: 0.06 ppbV
RT: 4.520 min Scan# 592
Delta R.T. 0.000 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 57 Resp: 4674

Ion	Ratio	Lower	Upper
57	100		
99	7.0	5.5	8.3
41	33.1	12.7	19.1#

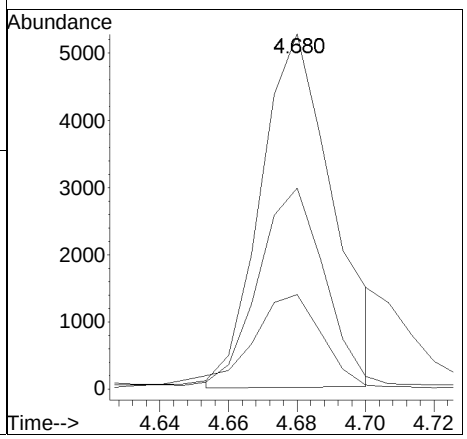


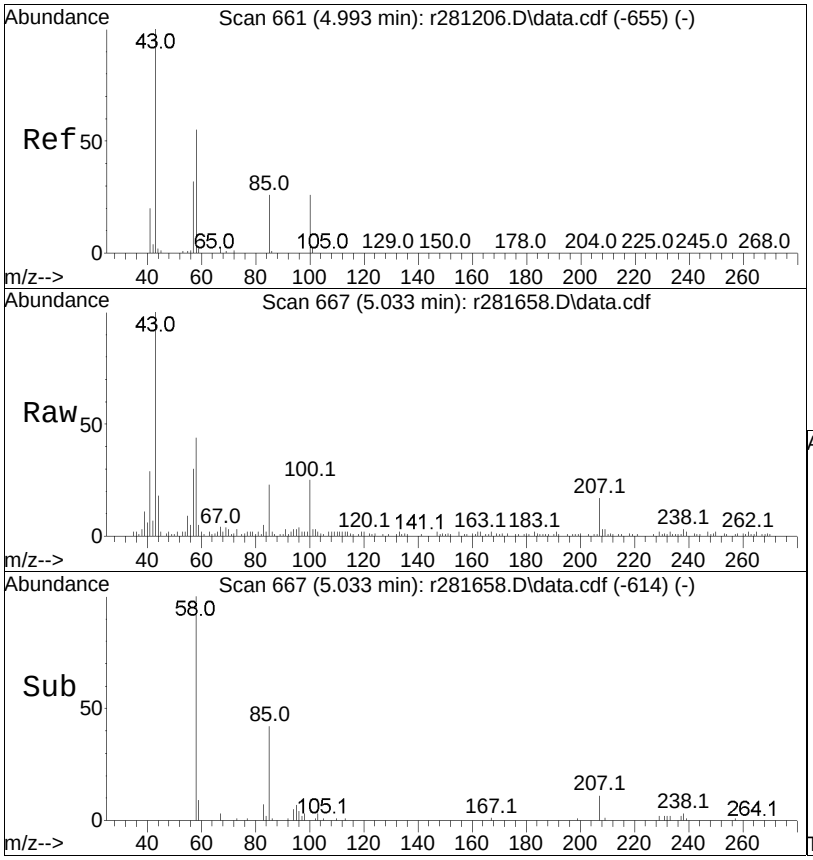


#63
heptane
Concen: 0.31 ppbV m
RT: 4.680 min Scan# 616
Delta R.T. 0.000 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 43 Resp: 7732

Ion	Ratio	Lower	Upper
43	100		
57	56.6	50.0	75.0
100	26.7	22.8	34.2

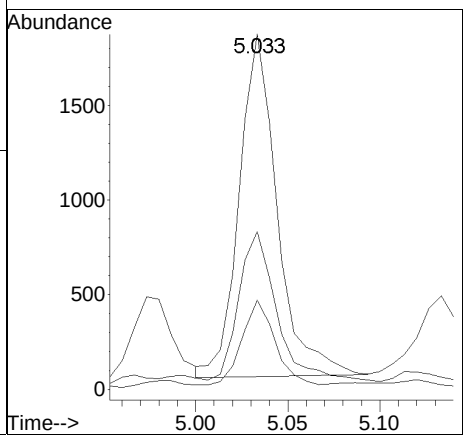


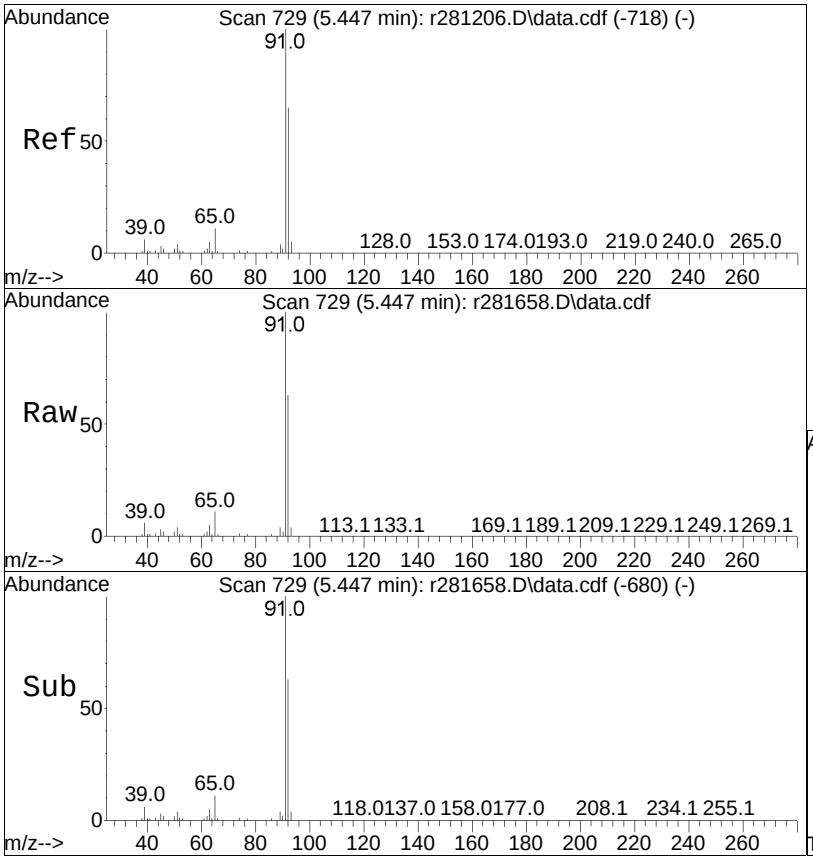


#65
4-methyl-2-pentanone
Concen: 0.09 ppbV
RT: 5.033 min Scan# 667
Delta R.T. 0.040 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 43 Resp: 2600

Ion	Ratio	Lower	Upper
43	100		
58	44.5	43.9	65.9
100	25.1	20.5	30.7

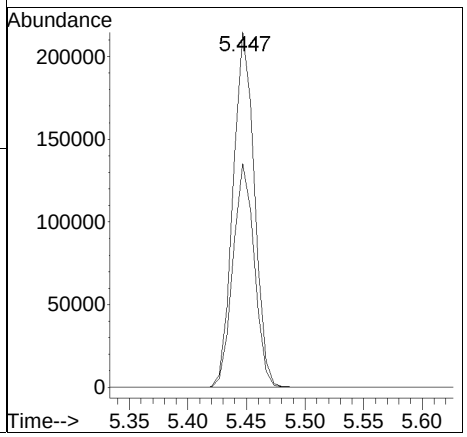


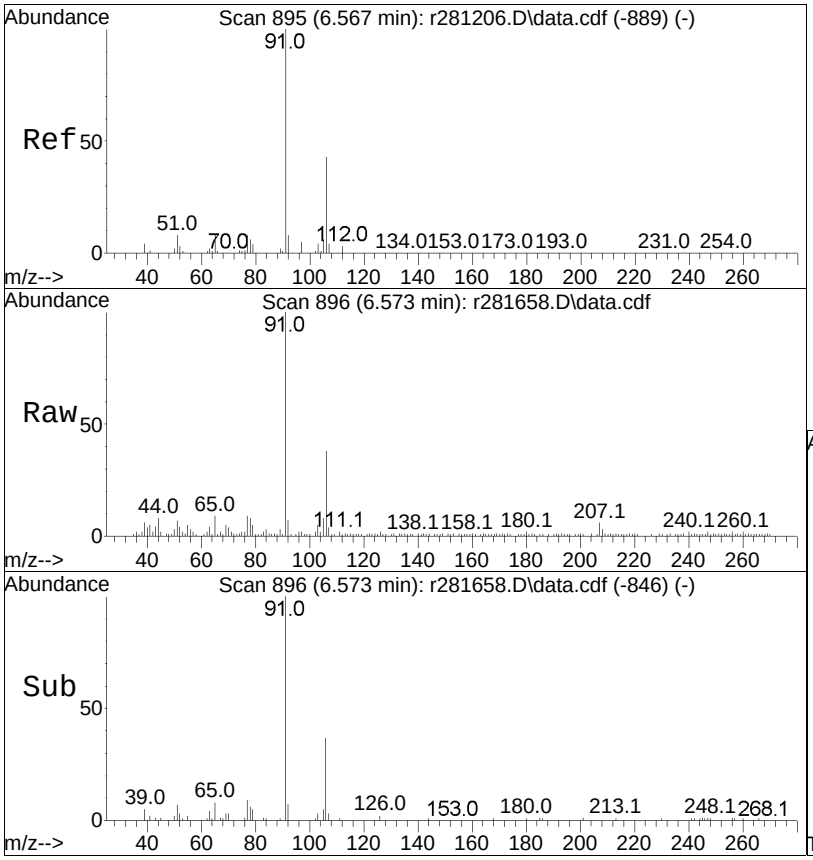


#69
toluene
Concen: 4.62 ppbV
RT: 5.447 min Scan# 729
Delta R.T. 0.000 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 91 Resp: 271910

Ion	Ratio	Lower	Upper
91	100		
92	62.9	51.9	77.9

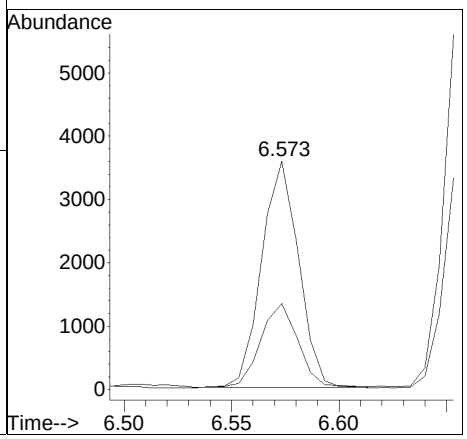


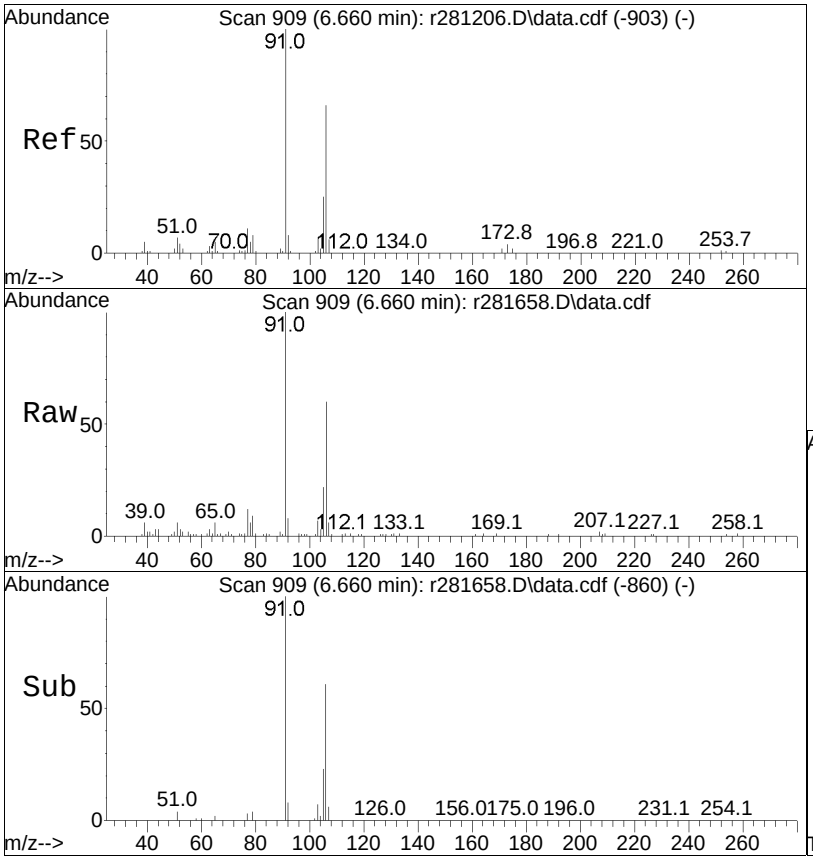


#82
ethylbenzene
Concen: 0.06 ppbV
RT: 6.573 min Scan# 896
Delta R.T. 0.007 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 91 Resp: 4278

Ion	Ratio	Lower	Upper
91	100		
106	37.6	34.3	51.5

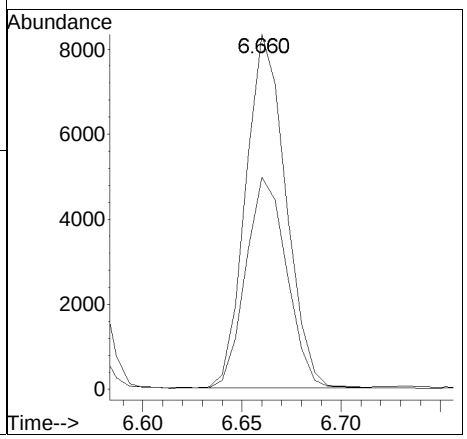


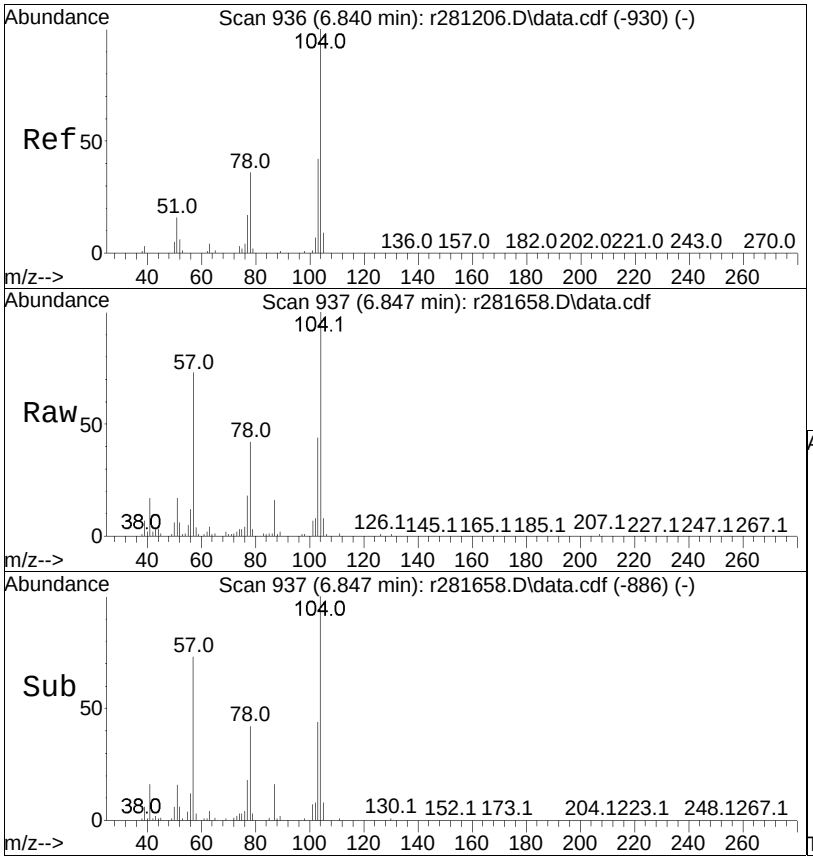


#84
m+p-xylene
Concen: 0.21 ppbV
RT: 6.660 min Scan# 909
Delta R.T. 0.000 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 91 Resp: 11687

Ion	Ratio	Lower	Upper
91	100		
106	59.7	52.7	79.1

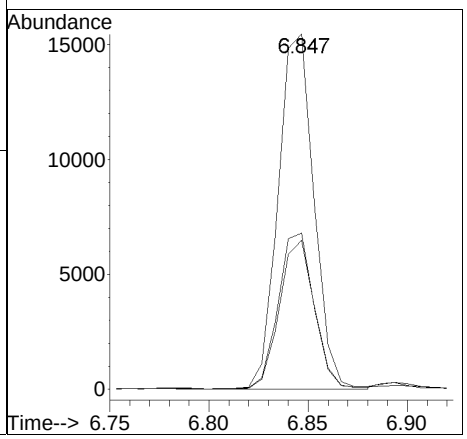


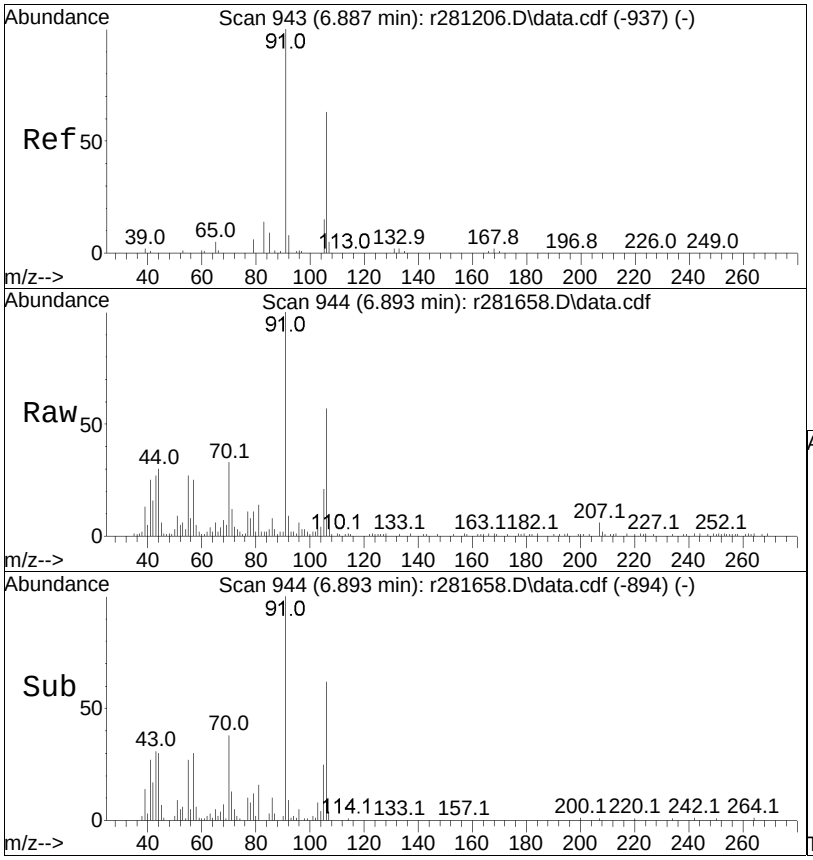


#86
styrene
Concen: 0.35 ppbV
RT: 6.847 min Scan# 937
Delta R.T. 0.007 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion:104 Resp: 19364

Ion	Ratio	Lower	Upper
104	100		
103	44.0	33.6	50.4
78	41.9	29.0	43.6

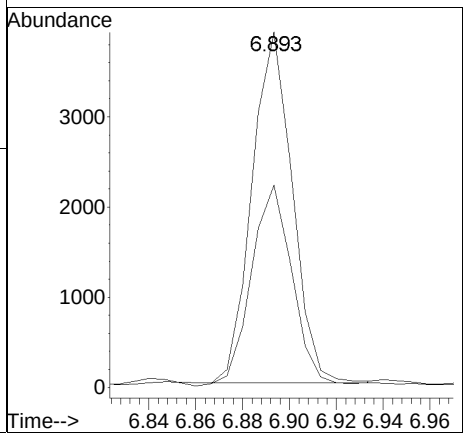


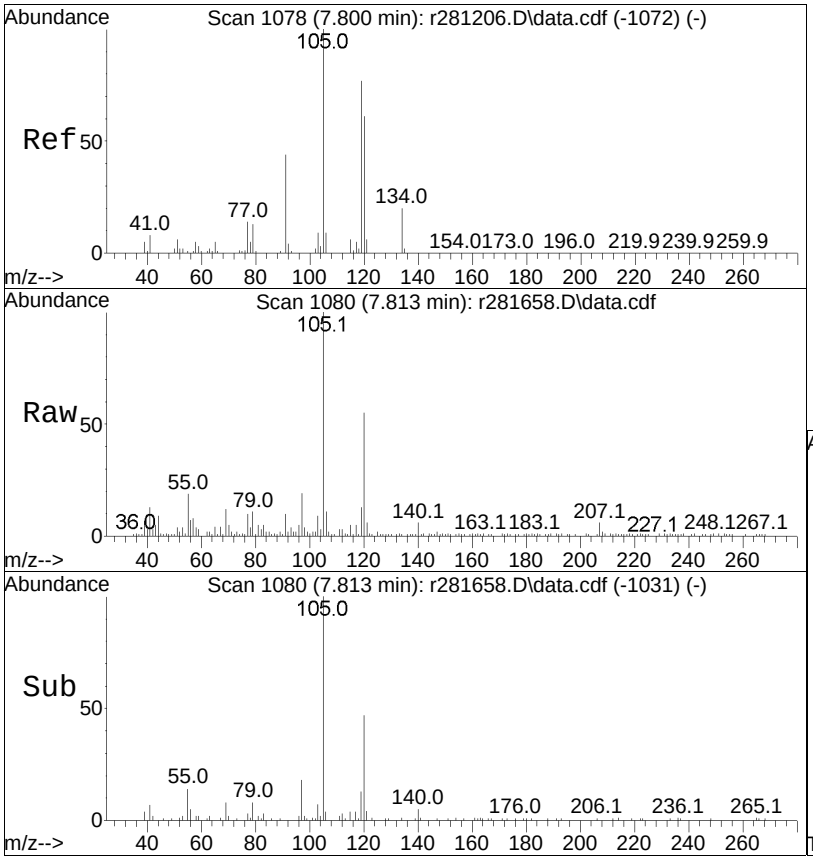


#88
o-xylene
Concen: 0.08 ppbV
RT: 6.893 min Scan# 944
Delta R.T. 0.007 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion: 91 Resp: 4649

Ion	Ratio	Lower	Upper
91	100		
106	56.9	50.2	75.4

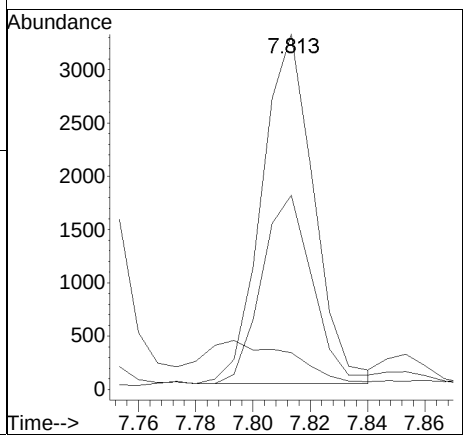




#100
1,2,4-trimethylbenzene
Concen: 0.06 ppbV
RT: 7.813 min Scan# 1080
Delta R.T. 0.013 min
Lab File: r281658.D
Acq: 4 Mar 2026 11:50 PM

Tgt Ion:105 Resp: 4132

Ion	Ratio	Lower	Upper
105	100		
120	54.7	49.2	73.8
91	10.3	35.6	53.4#

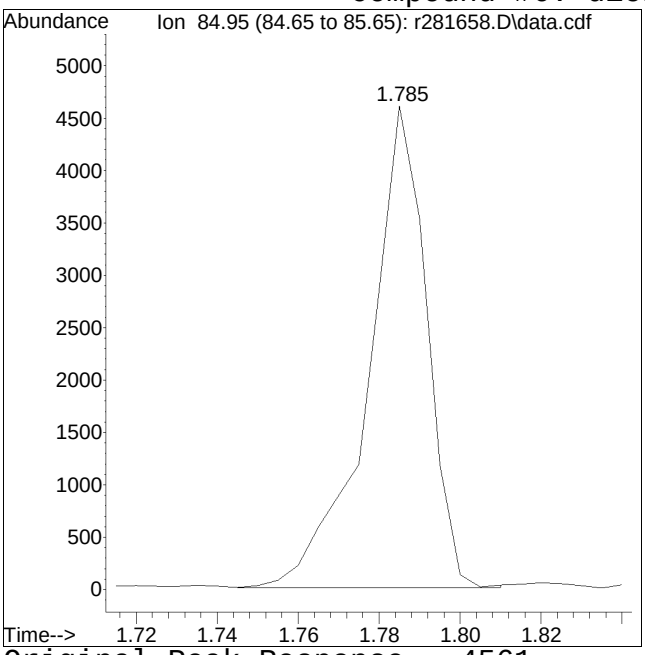


Manual Integration Report

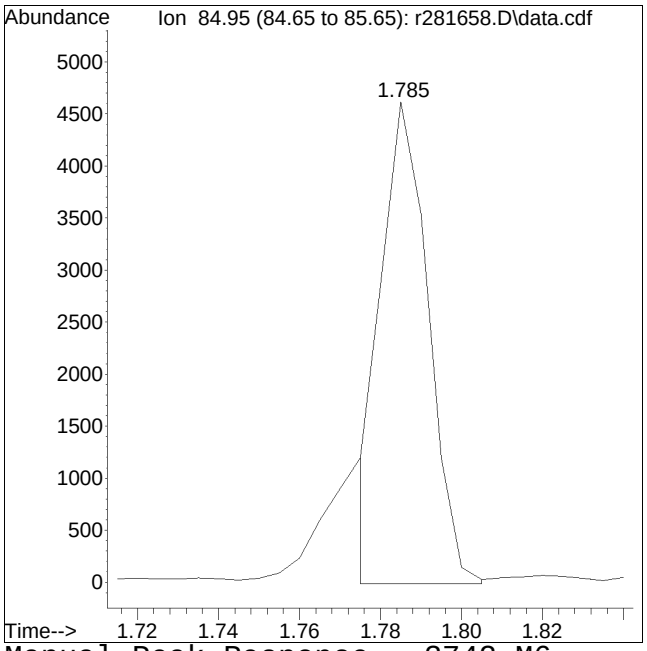
Data Path : X:\Airlab\Data\Airlab28\20Q
Data File : r281658.D
Date Inj'd : 3/4/2026 11:50 PM
Sample : WG2181463-5,3,250,250

Method : TFS28_2600210.M
Operator : AIRLAB28:TPH
Instrument :
Quant Date : 3/5/2026 7:51 am

Compound #6: dichlorodifluoromethane



Original Peak Response = 4561



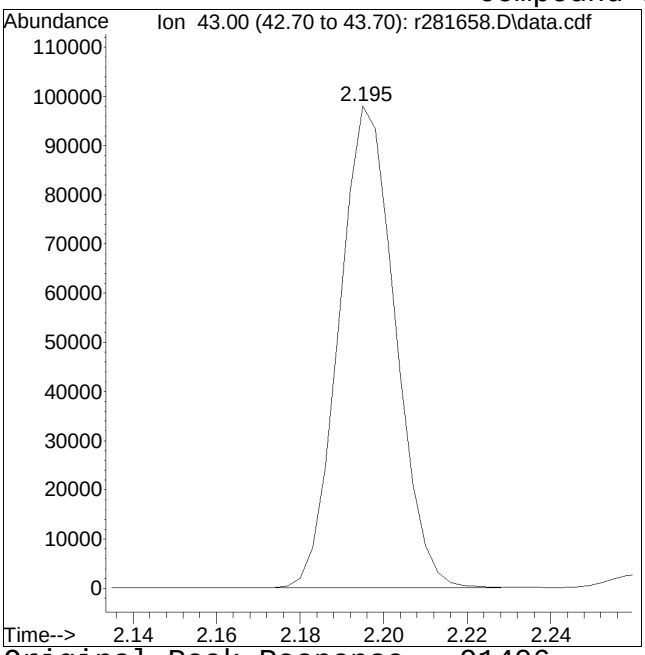
Manual Peak Response = 3742 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

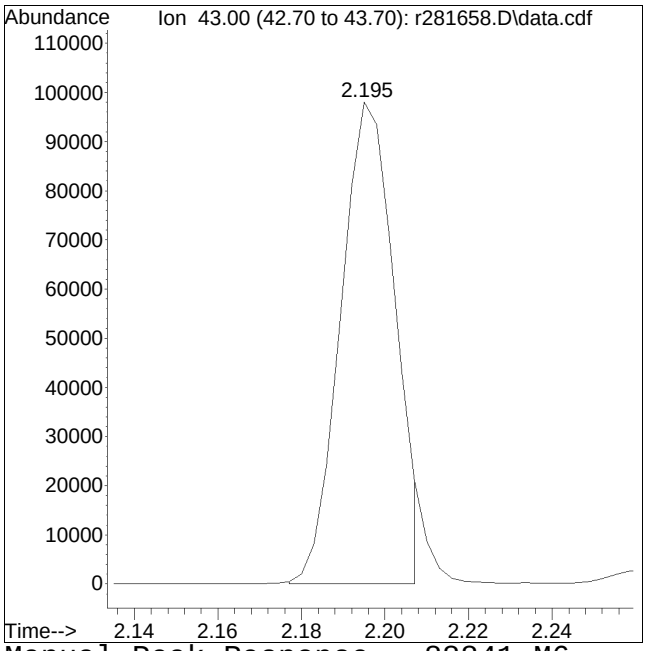
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281658.D Operator : AIRLAB28:TPH
Date Inj'd : 3/4/2026 11:50 PM Instrument :
Sample : WG2181463-5,3,250,250 Quant Date : 3/5/2026 7:51 am

Compound #20: acetone



Original Peak Response = 91406



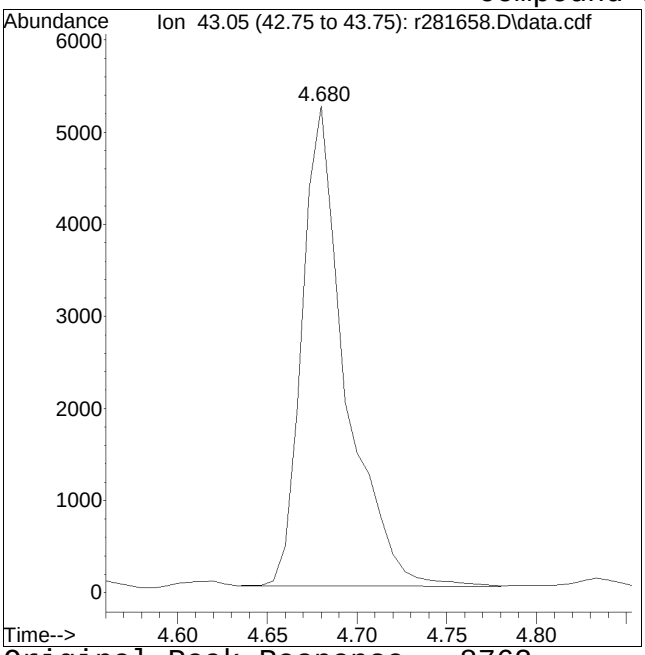
Manual Peak Response = 88841 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

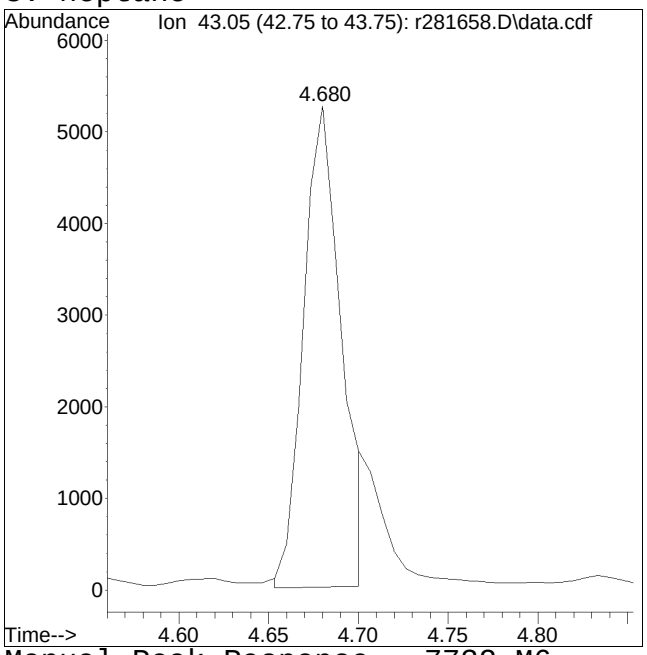
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281658.D Operator : AIRLAB28:TPH
Date Inj'd : 3/4/2026 11:50 PM Instrument :
Sample : WG2181463-5,3,250,250 Quant Date : 3/5/2026 7:51 am

Compound #63: heptane



Original Peak Response = 8762



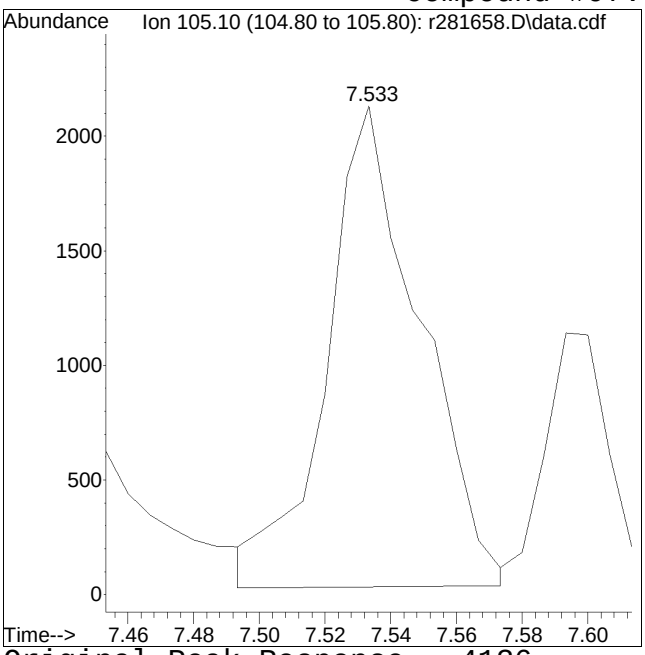
Manual Peak Response = 7732 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

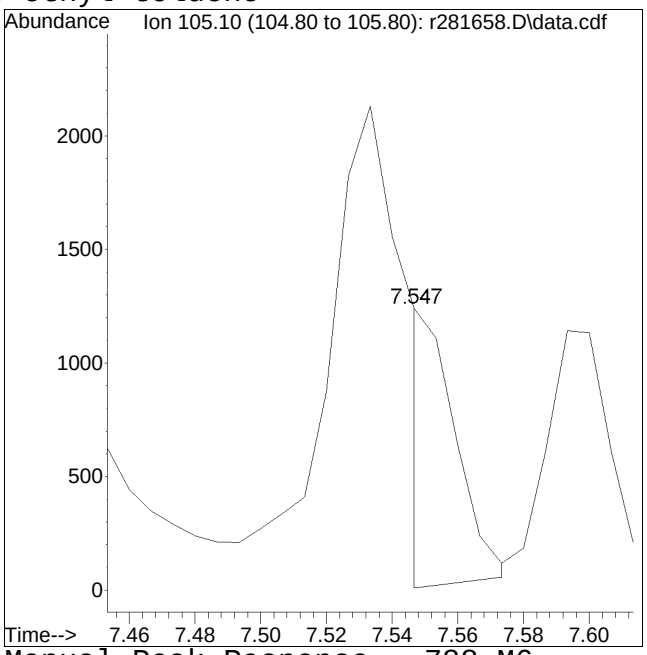
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab28\20QMethod : TFS28_2600210.M
Data File : r281658.D Operator : AIRLAB28:TPH
Date Inj'd : 3/4/2026 11:50 PM Instrument :
Sample : WG2181463-5,3,250,250 Quant Date : 3/5/2026 7:51 am

Compound #97: 4-ethyl toluene



Original Peak Response = 4136



Manual Peak Response = 788 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Calculation of Volatile Organic Compounds in Air

The instrument will calculate the concentration (ppbv). If the sample is diluted (DF), the result is multiplied by the DF to generate the final result.

Result, ppbv = C_s x DF
Where:
C_s = Concentration of sample (ppbv)
DF = Dilution Factor

Calculation of Instrument Dilution Factor

For dilutions, smaller sample volumes (< 250mL) are analyzed. The smallest volume that can be analyzed with accuracy is 10 mL.

Samples that arrive at the laboratory with pressures below -15 inches Hg must be pressurized with zero air to greater than -15 inches Hg. This pressurization results in a dilution factor.

Calculation of Dilution Factor
$DF = V_{cf} / V_{ci}$
Where:
V_{ci} = volume of air in canister prior to pressurization, L
P =

Conversion of ppbv to ug/m^3
ug/m^3 = (ppbv) * MW / 24.47
Where:
24.47 = molar gas constant (g/g-mole)
MW = molecular weight of the compound of interest

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

$V_{ci} = 2.7 * Pl/14.696$

Step 2: Calculate the volume in the canister after pressurization.

$V_{cf} = 2.7 * PF/14.696$

Step 3: Calculate the dilution factor.

$DF = V_{cf} / V_{ci}$

Where:

V_{ci} = volume of air in canister prior to pressurization, L
PI = pressure reading of canister prior to pressurization (psia)
V_{cf} = volume of air in canister after pressurization, L
PF = pressure reading of canister after pressurization (psia)
DF = dilution factor
14.696 = atmospheric pressure (psia)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 05 2026, 11:54 am

Work Group: WG2181463 for Department: 3 GC/MS

Created: 04-MAR-26 Due: Operator: ONG

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2609822-01	IA-1	S	TO15-LL	AIR	DONE	U	0321	0303	S0	Can-6
L2609822-02	IA-4	S	TO15-LL	AIR	DONE	U	0321	0303	S0	Can-6
L2610159-01	SVE-EFF	S	TO15-LL	SOIL_VAPOR	DONE	U	0328	0305	S0	Tedlar-Poly5
L2610159-02	SVE-INF	S	TO15-LL	SOIL_VAPOR	DONE	U	0328	0305	S0	Tedlar-Poly5
L2610327-01	SSV-01	S	TO15-LL	SOIL_VAPOR	DONE	U	0328	0305	2F	Can-2.7
L2611274-01	229 PLAYTER	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
L2611274-02	223 PLAYTER	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
L2611274-03	221 PLAYTER	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
L2611274-04	213 PLAYTER B	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
L2611274-05	OA-1	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
L2611274-06	213 PLAYTER C	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
L2611274-07	OA-2	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
L2611274-08	213 PLAYTER F	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
L2611274-09	213 PLAYTER G	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
L2611274-10	120 PLAYTER	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
L2611274-11	OA-3	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
L2611274-12	126 PLAYTER B	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
L2611274-13	126 PLAYTER C	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
L2611274-14	126 PLAYTER F	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
L2611274-15	126 PLAYTER G	S	TO15-LL	AIR	DONE	U	0402	0305	3B	Can-6
WG2181463-1	MS BFB Tune Standard	S	TO15-LL	AIR	DONE	U				
WG2181463-1	MS BFB Tune Standard	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2181463-2	Continuing Calibrati	S	TO15-LL	AIR	DONE	U				
WG2181463-2	Continuing Calibrati	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2181463-3	Laboratory Control S	S	TO15-LL	AIR	DONE	U				
WG2181463-3	Laboratory Control S	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2181463-4	Laboratory Method Bl	S	TO15-LL	AIR	DONE	U				
WG2181463-4	Laboratory Method Bl	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2181463-5	Duplicate Sample	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2181463-5	Duplicate Sample	S	TO15-LL	AIR	DONE	U				

Comments:

WG2181463-5 L2611274-04

t ID: AIRLAB28

Date: 02/10/2026

Analyst Initials: KMH

Internal Standard/Surrogate IDs: SS23-026 / SS23-018

Internal Standard/Surrogate Volume: 100 ml

Sequence File Name: 260210.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	TA28021001	TO15_SFS.qgm	R281198.qgd	250 mL			
5	ITO15-SIMSTD0.02	TO15_SFS.qgm	R281199.qgd	SS25-033D 50 mL			
5	ITO15-SIMSTD0.05	TO15_SFS.qgm	R281200.qgd	SS25-033D 125 mL			NA
5	ITO15-SIMSTD0.1	TO15_SFS.qgm	R281201.qgd	SS25-033D 250 mL			NA
6	ITO15-SIMSTD0.2	TO15_SFS.qgm	R281202.qgd	SS25-033C 50 mL			NA
6	ITO15-SIMSTD0.5	TO15_SFS.qgm	R281203.qgd	SS25-033C 125 mL			NA
6	ITO15-SIMSTD1.0	TO15_SFS.qgm	R281204.qgd	SS25-033C 250 mL			NA
7	ITO15-SIMSTD5.0	TO15_SFS.qgm	R281205.qgd	SS25-033B 125 mL			NA
7	ITO15-SIMSTD010	TO15_SFS.qgm	R281206.qgd	SS25-033B 250 mL			NA
8	ITO15-SIMSTD020	TO15_SFS.qgm	R281207.qgd	SS25-033A 50 mL			NA
8	ITO15-SIMSTD050	TO15_SFS.qgm	R281208.qgd	SS25-033A 125 mL			NA
8	ITO15-LLSTD100	TO15_SFS.qgm	R281209.qgd	SS25-033A 250 mL			NA
1	BA28021001	TO15_SFS.qgm	R281210.qgd	250 mL			NA
1	BA28021002	TO15_SFS.qgm	R281211.qgd	250 mL			NA
2	CTO15-LLSTD010	TO15_SFS.qgm	R281212.qgd	SS25-039D 250 mL	LL ICV		NA
2	CTO15-SIMSTD5.0	TO15_SFS.qgm	R281213.qgd	SS25-039D 125 mL	SIM ICV		NA
							NA

							NA
							NA

Date(s) of Initial Calibration: Refer to Initial Calibration Summary Form 6

Date Acquired: see Instrument Performance Check Summary and/or quantitation report.

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (mL), nominal volume analyzed (mL) }

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

t ID: AIRLAB28

Internal Standard/Surrogate IDs: SS23-026 / SS23-018

Date: 03/04/2026

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: ONG/ZPC

Sequence File Name: 260304.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	BA28022801	TO15_SFS.qgm	R281642.qgd	250 mL	BLANK		NA
1	BA28022802	TO15_SFS.qgm	R281643.qgd	250 mL	BLANK		NA
1	TA28022801	TO15_SFS.qgm	R281644.qgd	250 mL	TUNE		NA
2	CA28022801	TO15_SFS.qgm	R281645.qgd	SS25-033B 250mL	CC	NJ CC FAILS	NA
3	CT015-LLSTD010	TO15_SFS.qgm	R281646.qgd	SS25-040B 250 mL	LL LCS	RISKING 124TCB, NARRATE VA LOW. REPORT HITS OF 13DCB IN LL VIA SIM	NA
3	CT015-LLSTD010	TO15_SFS.qgm	R281647.qgd	SS25-040B 250 mL	LL LCSD		NA
3	CT015-SIMSTD5.0	TO15_SFS.qgm	R281648.qgd	SS25-040B 125 mL	SIM LCS	RISKING 124TCB	NA
1	BA28022801	TO15_SFS.qgm	R281649.qgd	250 mL	BLANK		Y
1	BA28022802	TO15_SFS.qgm	R281650.qgd	250 mL	BLANK		Y
2	L2611274-05,3,250,250	TO15_SFS.qgm	R281651.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
3	L2611274-07,3,250,250	TO15_SFS.qgm	R281652.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
4	L2611274-11,3,250,250	TO15_SFS.qgm	R281653.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
5	L2611274-01,3,250,250	TO15_SFS.qgm	R281654.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
6	L2611274-02,3,250,250	TO15_SFS.qgm	R281655.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
7	L2611274-03,3,250,250	TO15_SFS.qgm	R281656.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
8	L2611274-04,3,250,250	TO15_SFS.qgm	R281657.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
8	L2611274-04DUP,3,250,250	TO15_SFS.qgm	R281658.qgd	WG2181463,ICAL23051	LL/SIM DUP	NY+NAPH-7SIM	Y

9	L2611274-06,3,250,250	TO15_SFS.qgm	R281659.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
10	L2611274-08,3,250,250	TO15_SFS.qgm	R281660.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
11	L2611274-09,3,250,250	TO15_SFS.qgm	R281661.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
12	L2611274-10,3,250,250	TO15_SFS.qgm	R281662.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
13	L2611274-12,3,250,250	TO15_SFS.qgm	R281663.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
14	L2611274-13,3,250,250	TO15_SFS.qgm	R281664.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
15	L2611274-14,3,250,250	TO15_SFS.qgm	R281665.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
16	L2611274-15,3,250,250	TO15_SFS.qgm	R281666.qgd	WG2181463,ICAL23051	2BUT OVERCAL	NY+NAPH-7SIM	Y
1	L2609822-01,3,250,250	TO15_SFS.qgm	R281667.qgd	WG2181463,ICAL23051	ACETONE OVERCAL	NY+NAPH-7SIM	Y
2	L2609822-02,3,250,250	TO15_SFS.qgm	R281668.qgd	WG2181463,ICAL23051		NY+NAPH-7SIM	Y
3	L2610327-01,3,250,250	TO15_SFS.qgm	R281669.qgd	WG2181463,ICAL23051		NY+NAPH	Y
4	L2610159-01D,3,5.56,250	TO15_SFS.qgm	R281670.qgd	WG2181463,ICAL23051	920/NT	NY+NAPH	Y
5	L2610159-02D,3,5.68,250	TO15_SFS.qgm	R281671.qgd	WG2181463,ICAL23051	920/NT	NY+NAPH	Y
16	L2611274-15D,3,50,250	TO15_SFS.qgm	R281672.qgd	WG2181463,ICAL23051		2BUT	Y
1	L2609822-01D,3,50,250	TO15_SFS.qgm	R281673.qgd	WG2181463,ICAL23051		ACETONE	Y

Date(s) of Initial Calibration: Refer to Initial Calibration Summary Form 6

Date Acquired: see Instrument Performance Check Summary and/or quantitation report.

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (mL), nominal volume analyzed (mL) }

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Alpha Analytical, Inc.
Canister Dilution Worksheet

	NJDEP Required Information							Pressurization Dilution				Can Dilution				Instrument Dilution					
Sample ID	Can size, L	$P_{1,}$ in Hg	$P_{1,}$ atm	$V_{1,}$ L	$P_{2,}$ in Hg	$P_{2,}$ atm	$V_{2,}$ L	$P_{1,}$ psia	$P_{2,}$ psia	Dilution factor	Gas Used*	Volume injected, mL	Final Pressure, psia	Volume of Dilution Gas in Can, L	Can dilution factor	Volume of Bag or Can Analyzed, mL	Instrument Dilution Factor	Final Dilution Factor **	Final Volume Injected, mL ***	Analyst Initials
L2610159-01D	2.7	-1.98	0.93	2.52	30.27	2.01	5.43	13.7	29.5	2.15	N2	200	29.4	2.00	10.02	120	2.08	44.95	5.562	ONG
L2610159-02D	2.7	-1.37	0.95	2.58	30.27	2.01	5.43	14.0	29.5	2.11	N2	200	29.4	2.00	10.02	120	2.08	43.99	5.683	ONG

Barcode	SAMPLE ID SCANS
	I2610159-01x
	I2610159-02x

*N2 = Nitrogen and H2= Hydrogen
** Dilution factor on this spreadsheet may differ from reported dilution factor (calculated by LIMs) due to different rounding rules
*** Reported to 2 decimal places unless 0.01 or less; then 3 decimal places are reported
Analyst data input fields

Analyst Comments:

in Hg = ((psia/14.67)*29.94)-29.94 atm =psia/14.67 psig=psia - 14.67 psia = dilution instrument reading

APPENDIX E
Data Validation

Data Usability Summary Report

Project Name: 1885 Atlantic Avenue

Project Description: Groundwater Samples

Sample Date(s): March 14, 2024

Analytical Laboratory: Eurofins Edison – Edison, New Jersey

Validation Performed by: Santa McKenna

Validation Reviewed by: Katherine Miller

Validation Date: March 28, 2024

H & A of New York Engineering and Geology, LLP prepared this Data Usability Summary Report (DUSR) to summarize the review and validation of the analytical results for the Sample Delivery Group(s) (SDG) listed. This DUSR is organized into the following sections:

1. **Sample Delivery Group Number**
2. **Explanations**
3. **Glossary**
4. **Abbreviations**
5. **Qualifiers**

References

This data validation and usability assessment was performed per the guidance and requirements established by the United States Environmental Protection Agency (USEPA) using the following reference materials:

- National Functional Guidelines (NFG) for Organic Data Review.

Data reported in this sampling event were reported to the laboratory reporting limit (RL). Results found between the method detection limit (MDL) and RL are flagged “J” as estimated.

Sample data were qualified in accordance with the laboratory’s standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives (DQOs) for the project and are therefore usable; any exceptions are noted in the following pages.

1. Sample Delivery Group Number

1.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number 460-300167-1, dated March 20, 2024.

Samples were collected, preserved, and shipped following standard chain of custody (COC) protocols.

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Date	Matrix	Methods	Holding Time
MW-06_20240314	N	460-300167-1	03/14/2024	WG	Volatile organic compounds (VOCs) by USEPA Method 8260D	Seven days unpreserved; 14 days preserved
MW-07_20240314	N	460-300167-2	03/14/2024	WG		
MW-08_20240314	N	460-300167-3	03/14/2024	WG		
TB-01_20240314	TB	460-300167-4	03/14/2024	WQ		
FB-01_20240314	FB	460-300167-5	03/14/2024	WQ		
DUP-01_20240314	FD	460-300167-6	03/14/2024	WG		

1.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

1.3 REPORTING LIMITS AND SAMPLE DILUTIONS

No sample dilutions were performed for the analysis of the samples in this report.

1.4 SURROGATE RECOVERY COMPLIANCE

Refer to Section E 1.2. The percent recovery (%R) for each surrogate compound added to each project sample was determined to be within the laboratory-specified quality control (QC) limits.

1.5 LABORATORY CONTROL SAMPLES

Refer to Section E 1.3. Compounds associated with the laboratory control samples/laboratory control sample duplicate (LCS/LCSD) analyses associated with client samples exhibited recoveries and relative percent differences (RPDs) within the specified limits, with the following exceptions:

Sample Type	Method	Batch ID	Analyte	%R/RPD	Qualifier	Affected Samples
LCS	8260D	964707	Methylene Chloride	138%	J/None	460-300167-5
LCSD	8260D	964707	Methylene Chloride	31 RPD	J/None	460-300167-5

1.6 MATRIX SPIKE SAMPLES

Refer to Section E 1.4. The sample(s) below were used for matrix spike/matrix spike duplicate (MS/MSD):

Lab Sample Number	Matrix Spike/Matrix Spike Duplicate Sample Client ID	Method(s)
460-300167-1	MW-06_20240314	USEPA 8260D

The MS/MSD recoveries and the RPD between the MS and MSD results were within the specified limits, with the following exceptions:

Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
MSD	USEPA 8260D	MW-06_20240314	Bromomethane	31 RPD	J/None	None, samples are non-detect (ND)
MSD	USEPA 8260D	MW-06_20240314	Methylene Chloride	141%	J/None	460-300167-5

1.7 BLANK SAMPLE ANALYSIS

Refer to Section E 1.5. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred.

The analysis of the blank samples for field QC was free of target compounds, with the following exceptions:

Blank Type	Date of Blank	Analyte Detected in Blank	Concentration (micrograms per liter [µg/L])	Qualifier	Affected Samples
Field Blank	3/14/2024	Methylene Chloride	1.7	NA	None, samples are ND

1.8 DUPLICATE SAMPLE ANALYSIS

Refer to Section E 1.6. The laboratory did not analyze any laboratory duplicates as per the method or laboratory SOP.

The following sample(s) were used for field duplicate analysis. The RPD comparison for detections in either the parent or duplicate sample(s) is shown below. RPDs were all below 35 percent for water (or the absolute difference rule was satisfied if detects were less than five times the RL).

Primary Sample ID	Duplicate Sample ID	Method
MW-06_20240314	DUP-01_20240314	USEPA 8260D

1.9 PRECISION AND ACCURACY

Refer to Section E 1.7. Some measurement of analytical accuracy and precision was reported for each method with the site samples.

1.10 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the DQOs for the project and the guidelines specified by the analytical method. Based on the review of this report, the data are useable and acceptable as no data was rejected. The qualifiers applied to this dataset are summarized in the table below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
FB-01_20240314	Methylene chloride	1.7	1.7 J	LCSD and MSD %R high

2. Explanations

The following explanations include more detailed information regarding each of the sections in the DUSR above. Not all sections in the Explanations are represented:

- E 1.2 Surrogate Recovery Compliance
  - Surrogates, also known as system monitoring compounds, are compounds added to each sample prior to sample preparation to determine the efficiency of the extraction procedure by evaluating the %R of the compounds.
- E 1.3 Laboratory Control Samples
  - The LCS/LCSD analyses are used to assess the precision and accuracy of the analytical method independent of matrix interferences.
- E 1.4 Matrix Spike Samples
  - MS/MSD data are used to assess the precision and accuracy of the analytical method and evaluate the effects of the sample matrix on the sample preparation procedures and measurement methodologies.
  - For inorganic methods, when an MS recovery falls outside of the control limits and the sample result is less than four times the spike added, a post-digestion spike (PDS) is performed.
- E 1.5 Blank Sample Analysis
  - Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination.
  - Field blanks are prepared to identify contamination that may have been introduced during field activity. Equipment blanks are prepared to identify contamination that may have been introduced while decontaminating sampling equipment. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport.
- E 1.6 Laboratory and Field Duplicate Sample Analysis
  - The laboratory duplicate sample analysis is used by the laboratory at the time of the analysis to demonstrate acceptable method precision. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
  - The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
- E 1.7 Precision and Accuracy
  - Precision measures the reproducibility of repetitive measurements. In a laboratory environment, this will be measured by determining the RPD found between a primary and a duplicate sample. This can be an LCS/LCSD pair, an MS/MSD pair, a laboratory duplicate performed on a site sample, or a field duplicate collected and analyzed concurrently with a site sample.

- Accuracy is a statistical measurement of the correctness of a measured value and includes components of random error (variability caused by imprecision) and systematic error. In a laboratory environment, this will be measured by determining the %R of certain spiked compounds. This can be assessed using LCS, blank spike (BS), MS, and/or surrogate recoveries.

3. Glossary

Not all of the following symbols, acronyms, or qualifiers occur in this document.

- Sample Types:
  - EB Equipment Blank Sample
  - FB Field Blank Sample
  - FD Field Duplicate Sample
  - N Primary Sample
  - TB Trip Blank Sample
- Units:
  - µg/kg micrograms per kilogram
  - µg/L micrograms per liter
  - µg/m^3 micrograms per cubic meter
  - mg/kg milligrams per kilogram
  - mg/L milligrams per liter
  - ppb v/v parts per billion volume/volume
  - pCi/L picocuries per liter
  - pg/g picograms per gram
  - pg/L picograms per liter
- Matrices:
  - AA Ambient Air
  - GS Soil Gas
  - GW/WG Groundwater
  - QW Water Quality
  - IA Indoor Air
  - SE Sediment
  - SO Soil
  - SSV Sub-slab Vapor
  - WQ Water Quality control matrix
  - WS Surface Water
- Table Footnotes:
  - NA Not applicable
  - ND Non-detect
  - NR Not reported
- Common Symbols:
  - % percent
  - < less than
  - ≤ less than or equal to
  - > greater than
  - ≥ greater than or equal to
  - = equal
  - °C degrees Celsius
  - ± plus or minus
  - ~ approximately
  - x times (multiplier)

- Fractions:
  - N Normal (method cannot be filtered)
  - D Dissolved (filtered)
  - T Total (unfiltered)

4. Abbreviations

%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation
%v/v	Percent volume by volume
2s	2 sigma
4,4-DDT	4 4-dichlorodiphenyltrichloroethane
Abs Diff	Absolute Difference
amu	atomic mass unit
BPJ	Best Professional Judgement
BS	Blank Spike
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CCVL	Continuing Calibration Verification Low
COC	Chain of Custody
COM	Combined Isotope Calculation
Cr (VI)	Hexavalent Chromium
CRI	Collision Reaction Interface
DoD	Department of Defense
DQO	data quality objective
DUSR	Data Usability Summary Report
EIS	Extraction Internal Standard
EMPC	Estimated Maximum Possible Concentration
FBK	Field Blank Contamination
FDP	Field Duplicate
GC	Gas Chromatograph
GC/MS	Gas Chromatography/Mass Spectrometry
GPC	Gel Permeation Chromatography
H_2	Hydrogen gas
HCl	Hydrochloric Acid
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICP/MS	Inductively Coupled Plasma/Mass Spectrometry
ICV	Initial Calibration Verification
ICVL	Initial Calibration Verification Low
IPA	Isopropyl Alcohol
LC	Laboratory Control
LCS/LCSD	Laboratory Control Sample/Laboratory Control Sample Duplicate
MBK	Method Blank Contamination
MDC	Minimum Detectable Concentration
MDL	Laboratory Method Detection Limit
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NA	not applicable
ND	Non-Detect
NFG	National Functional Guidelines
NH_3	Ammonia
NYSDEC	New York State Department of Environmental Conservation
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PDS	Post-Digestion Spike
PEM	Performance Evaluation Mixture
PFAS	Per- and Polyfluoroalkyl Substances
PFBA	Perfluorbutanoic Acid
PFD	Perfluorodecalin
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctane sulfonate
PFPeA	Perfluoropentanoic Acid
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
R^2	R-squared value
Ra-226	Radium-226
Ra-228	Radium-228
RESC	Resolution Check Measure
RL	Laboratory Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
RT	Retention Time
SAP	Sampling Analysis Plan
SDG	Sample Delivery Group
SIM	Selected ion monitoring
SOP	Standard Operating Procedure
SPE	Solid-Phase Extraction
SVOC	Semi-Volatile Organic Compound
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TKN	Total Kjeldahl Nitrogen
TPH	Total Petroleum Hydrocarbon
TPU	Total Propagated Uncertainty
USEPA	U.S. Environmental Protection Agency
VOC	Volatile Organic Compound
WP	Work Plan

5. Qualifiers

The qualifiers below are from the USEPA NFG, and the data in the DUSR may contain these qualifiers:

- Concentration (C) Qualifiers:

  U The compound was analyzed for but not detected. The associated value is either the compound quantitation limit if not detected by the analytical instrument or could be the reported or blank concentration if qualified by blank contamination. This can also be displayed as less than the associated compound quantitation limit (<RL or <MDL), or "ND."

  B The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers:

  E The compound was quantitated above the calibration range.

  D The concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  J+ The result is an estimated quantity, but the result may be biased high.

  J- The result is an estimated quantity, but the result may be biased low.

  J/UJ As listed in the exception tables, J applies to detected data and UJ applies to non-detected data as reported by the laboratory.

  UJ The compound was not detected above the reported sample quantitation limit; however, the reported limit is estimated and may or may not represent the actual limit of quantitation.

  NJ The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is an estimated concentration only.

  R The sample results were rejected as unusable; the compound may or may not be present in the sample.

  S Result is suspect. See DUSR for details.

References

1. United States Environmental Protection Agency, 2020. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-20-005. November.

Haley & Aldrich, Inc.
600 South Meyer Ave
Suite 100
Tucson, AZ 85701
520.289.8621

Data Usability Summary Report

Project Name: 1885 Atlantic Avenue, Brooklyn

Project Description: Groundwater Samples

Sample Date(s): 19 July 2024

Analytical Laboratory: Eurofins Edison – Edison, NJ

Validation Performed by: Gabrielle Davis

Validation Reviewed by: Kristina Ilina

Validation Date: 2 August 2024

Haley & Aldrich, Inc. prepared this Data Usability Summary Report (DUSR) to summarize the review and validation of the analytical results for Sample Delivery Group(s) (SDG) listed. This DUSR is organized into the following sections:

1. **Sample Delivery Group 460-308013-1**
2. **Explanations**
3. **Glossary**
4. **Abbreviations**
5. **Qualifiers**

References

This data validation and usability assessment was performed per the guidance and requirements established by the United States Environmental Protection Agency (USEPA) using the following reference materials:

- National Functional Guidelines (NFG) for Organic Data Review.

Data reported in this sampling event were reported to the laboratory method detection (MDL). Results found between the MDL and reporting limit (RL) are flagged J as estimated.

Sample data were qualified in accordance with the laboratory's standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives (DQOs) for the project and therefore usable; any exceptions are noted in the following pages.

1. Sample Delivery Group 460-308013-1

1.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG 460-308013-1, dated 31 July 2024.

Samples were collected, preserved, and shipped following standard chain of custody (COC) protocol.

Samples were also received appropriately, identified correctly, and analyzed according to the COC. Issues noted with sample management are listed below:

- The second "relinquished by" signature and date are missing from the COC.

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Date	Matrix	Methods
MW-8_20240719	N	460-308013-1	07/19/2024	WG	A
MW-7_20240719	N	460-308013-2	07/19/2024	WG	A
MW-6_20240719	N	460-308013-3	07/19/2024	WG	A
DUP-01_20240719	FD	460-308013-4	07/19/2024	WG	A
FB-01_20240719	FB	460-308013-5	07/19/2024	WQ	A
TB-01_20240719	TB	460-308013-6	07/19/2024	WQ	A

Method Holding Times			
A	SW8260D	Volatile Organic Compounds (VOCs)	14 days for liquid, preserved 7 days for liquid unpreserved

1.2 CASE NARRATIVE

The laboratory report case narrative lists various additional quality control issues such continuing calibration verification (CCV) exceedances. Since these additional quality control issues were not required for the project's data quality objectives, these quality control issues were not reviewed.

1.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

1.4 REPORTING LIMITS AND SAMPLE DILUTIONS

No sample dilutions were performed for the analysis of the samples in this report.

1.5 SURROGATE RECOVERY COMPLIANCE

Refer to Section E 1.2. The percent recovery (%R) for each surrogate compound added to each project sample were determined to be within the laboratory-specified quality control (QC) limits.

1.6 LABORATORY CONTROL SAMPLES

Refer to Section E 1.3. Compounds associated with the laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses associated with client samples exhibited recoveries and relative percent differences (RPDs) within the specified limits.

1.7 MATRIX SPIKE SAMPLES

Refer to Section E 1.4. The sample(s) below were used for matrix spike/matrix spike duplicate (MS/MSD):

Lab Sample Number	Matrix Spike/ Matrix Spike Duplicate Sample Client ID	Method(s)
460-308013-1	MW-8_20240719	SW8260D

The MS/MSD recoveries and the RPD between the MS and MSD results were within the specified limits.

1.8 BLANK SAMPLE ANALYSIS

Refer to Section E 1.5. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred.

The analysis of the blank samples for field quality control was free of target compounds.

1.9 DUPLICATE SAMPLE ANALYSIS

Refer to Section E 1.6. The laboratory did not analyze any laboratory duplicates as per the method or laboratory SOP.

The following sample(s) were used for field duplicate analysis. RPDs were all below 35 percent for water (or the absolute difference rule was satisfied if detects were less than 5 times the RL).

Primary Sample ID	Duplicate Sample ID	Method(s)
MW-7_20240719	DUP-01_20240719	SW8260D

1.10 PRECISION AND ACCURACY

Refer to Section E 1.7. Where required by the method, some measurement of analytical accuracy and precision was reported for each method with the site samples.

1.11 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by the analytical method. Based on the review of this report, the data are useable and acceptable as no data was rejected. No qualifiers were applied to any data in this report.

2. Explanations

The following explanations include more detailed information regarding each of the sections in the DUSR above. Not all sections in the Explanations are represented:

- E 1.2 Surrogate Recovery Compliance
  - Surrogates, also known as system monitoring compounds, are compounds added to each sample prior to sample preparation to determining the efficiency of the extraction procedure by evaluating the percent recovery (%R) of the compounds.
- E 1.3 Laboratory Control Samples
  - The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses are used to assess the precision and accuracy of the analytical method independent of matrix interferences.
- E 1.4 Matrix Spike Samples
  - Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effects of the sample matrix on the sample preparation procedures and measurement methodologies.
- E 1.5 Blank Sample Analysis
  - Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination.
  - Field blanks are prepared to identify contamination that may have been introduced during field activity. Equipment blanks are prepared to identify contamination that may have been introduced while decontaminating sampling equipment. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport.
- E 1.6 Laboratory and Field Duplicate Sample Analysis
  - The laboratory duplicate sample analysis is used by the laboratory at the time of the analysis to demonstrate acceptable method precision. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
  - The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The relative percent difference (RPD) or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
- E 1.7 Precision and Accuracy
  - Precision measures the reproducibility of repetitive measurements. In a laboratory environment, this will be measured by determining the relative percent difference (RPD) found between a primary and a duplicate sample. This can be an LCS/LCSD pair, a MS/MSD pair, a laboratory duplicate performed on a site sample, or a field duplicate collected and analyzed concurrently with a site sample.
  - Accuracy is a statistical measurement of the correctness of a measured value and includes components of random error (variability caused by imprecision) and systematic error. In a laboratory environment, this will be measured by determining the percent

recovery (%R) of certain spiked compounds. This can be assessed using LCS, blank spike (BS), MS, and/or surrogate recoveries.

3. Glossary

Not all of the following symbols, acronyms, or qualifiers occur in this document.

- Sample Types:
  - EB Equipment Blank Sample
  - FB Field Blank Sample
  - FD Field Duplicate Sample
  - N Primary Sample
  - TB Trip Blank Sample
- Units:
  - µg/kg microgram per kilogram
  - µg/L microgram per liter
  - µg/m^3 microgram per cubic meter
  - mg/kg milligram per kilogram
  - mg/L milligram per liter
  - ppb v/v parts per billion volume/volume
  - pCi/L picocuries per liter
  - pg/g picograms per gram
- Matrices:
  - AA Ambient Air
  - GS Soil Gas
  - GW/WG Groundwater
  - QW Water Quality
  - IA Indoor Air
  - SE Sediment
  - SO Soil
  - WQ Water Quality control matrix
  - WS Surface Water
- Table Footnotes:
  - NA Not applicable
  - ND Non-detect
  - NR Not reported
- Common Symbols:
  - % percent
  - < less than
  - ≤ less than or equal to
  - > greater than
  - ≥ greater than or equal to
  - = equal
  - °C degrees Celsius
  - ± plus or minus
  - ~ approximately
  - x times (multiplier)

4. Abbreviations

%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation
%v/v	Percent volume by volume
µg/L	micrograms per liter
2s	2 sigma
4,4-DDT	4 4-dichlorodiphenyltrichloroethane
Abs Diff	Absolute Difference
amu	atomic mass unit
BPJ	Best Professional Judgement
BS	Blank Spike
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CCVL	Continuing Calibration Verification Low
COC	Chain of Custody
COM	Combined Isotope Calculation
Cr (VI)	Hexavalent Chromium
CRI	Collision Reaction Interface
DoD	Department of Defense
DQO	data quality objective
DUSR	Data Usability Summary Report
EMPC	Estimated Maximum Possible Concentration
FBK	Field Blank Contamination
FDP	Field Duplicate
GC	Gas Chromatograph
GC/MS	Gas Chromatography/Mass Spectrometry
GPC	Gel Permeation Chromatography
H2	Hydrogen gas
HCl	Hydrochloric Acid
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICP/MS	Inductively Coupled Plasma/ Mass Spectrometry
ICV	Initial Calibration Verification
ICVL	Initial Calibration Verification Low
IPA	Isopropyl Alcohol
LC	Laboratory Control
LCS/LCSD	Laboratory Control Sample/Laboratory Control Sample Duplicate
MBK	Method Blank Contamination
MDC	Minimum Detectable Concentration
MDL	Laboratory Method Detection Limit
mg/kg	milligrams per kilogram
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NA	not applicable
ND	Non-Detect
NFG	National Functional Guidelines
NH_3	Ammonia
NYSDEC	New York State Department of Environmental Conservation
PAH	polycyclic aromatic hydrocarbon
PCB	Polychlorinated Biphenyl
PDS	Post Digestion Spike
PEM	Performance Evaluation Mixture
PFAS	Per- and Polyfluoroalkyl Substances
PFBA	Perfluorbutanoic Acid
PFD	Perfluorodecalin
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctane sulfonate
PFPeA	Perfluoropentanoic Acid
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
R^2	R-squared value
Ra-226	Radium-226
Ra-228	Radium-228
RESC	Resolution Check Measure
RL	Laboratory Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factors
RT	Retention Time
SAP	sampling analysis plan
SDG	Sample Delivery Group
SIM	Selected ion monitoring
SOP	Standard Operating Procedure
SPE	Solid Phase Extraction
SVOC	Semi-Volatile Organic Compound
TIC	Tentatively Identified Compound
TKN	Total Kjeldahl Nitrogen
TPH	Total Petroleum Hydrocarbon
TPU	Total Propagated Uncertainty
amu	atomic mass unit
USEPA	U.S. Environmental Protection Agency
VOC	Volatile Organic Compound
WP	Work Plan

5. Qualifiers

The qualifiers below are from the USEPA National Functional Guidelines and the data in the DUSR may contain these qualifiers:

- Concentration (C) Qualifiers:

  U — The compound was analyzed for but not detected. The associated value is either the compound quantitation limit if not detected by the analytical instrument or could be the reported or blank concentration if qualified by blank contamination. This can also be displayed as less than the associated compound quantitation limit (<RL or <MDL), or "ND".

  B — The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.

  F — The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria

- Quantitation (Q) Qualifiers:

  E — The compound was quantitated above the calibration range.

  D — The concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J — The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  J+ — The result is an estimated quantity, but the result may be biased high.

  J- — The result is an estimated quantity, but the result may be biased low.

  J/UJ — as listed in exception tables J applies to detected data and UJ applies to non-detected data as reported by the laboratory.

  UJ — The compound was not detected above the reported sample quantitation limit; however, the reported limit is estimated and may or may not represent the actual limit of quantitation.

  NJ — The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is an estimated concentration only.

  R — The sample results were rejected as unusable; the compound may or may not be present in the sample.

  S — Result is suspect. See DUSR for details.

References

1. United States Environmental Protection Agency (USEPA), 2020. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-20-005. November.

Data Usability Summary Report

Project Name: 1885 Atlantic Avenue, Brooklyn

Project Description: Groundwater Samples

Sample Date(s): September 10, 2024

Analytical Laboratory: Eurofins Edison – Edison, New Jersey

Validation Performed by: Kristina Ilina

Validation Reviewed by: Vanessa Godard

Validation Date: September 19, 2024

H & A of New York Engineering and Geology, LLP prepared this Data Usability Summary Report (DUSR) to summarize the review and validation of the analytical results for the Sample Delivery Group(s) (SDG) listed. This DUSR is organized into the following sections:

1. **Sample Delivery Group 460-311225-1**
2. **Explanations**
3. **Glossary**
4. **Abbreviations**
5. **Qualifiers**

References

This data validation and usability assessment was performed per the guidance and requirements established by the United States Environmental Protection Agency (USEPA) using the following reference materials:

- National Functional Guidelines (NFG) for Organic Data Review.

Data reported in this sampling event were reported to the laboratory reporting limit (RL). Results found between the method detection limit (MDL) and RL are flagged "J" as estimated.

Sample data were qualified in accordance with the laboratory's standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives (DQOs) for the project and are therefore usable; any exceptions are noted in the following pages.

1. Sample Delivery Group 460-311225-1

1.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG 460-311225-1, dated September 17, 2024. Samples were collected, preserved, and shipped following standard chain of custody (COC) protocol. Samples were also received appropriately, identified correctly, and analyzed according to the COC.

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Date	Matrix	Methods
MW-06_20240910	N	460-311225-1	09/10/2024	WG	A
MW-07_20240910	N	460-311225-2	09/10/2024	WG	A
MW-08_20240910	N	460-311225-3	09/10/2024	WG	A
DUP-01_20240910	FD	460-311225-4	09/10/2024	WG	A
FB-01_20240910	FB	460-311225-5	09/10/2024	WQ	A
TB-01_20240910	TB	460-311225-6	09/10/2024	WQ	A

Method Holding Times			
A	SW8260D	Volatile Organic Compounds (VOCs)	14 days for liquid, preserved seven days for liquid, unpreserved

1.2 CASE NARRATIVE

The laboratory report case narrative lists various additional quality control (QC) issues, such as continuing calibration verification (CCV) exceedances. Since these additional QC issues were not required for the project's DQOs, these QC issues were not reviewed.

1.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

1.4 REPORTING LIMITS AND SAMPLE DILUTIONS

No sample dilutions were performed for the analysis of the samples in this report.

1.5 SURROGATE RECOVERY COMPLIANCE

Refer to Section E 1.2. The percent recovery (%R) for each surrogate compound added to each project sample was determined to be within the laboratory-specified QC limits.

1.6 LABORATORY CONTROL SAMPLES

Refer to Section E 1.3. Compounds associated with the laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses associated with client samples exhibited recoveries and relative percent differences (RPDs) within the specified limits, with the following exceptions:

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCS	SW8260D	995734	Carbon tetrachloride	136%	J/None	None, samples are non-detect (ND)
LCS	SW8260D	995829	Bromoform	135%	J/None	None, samples are ND
			Carbon tetrachloride	152%	J/None	None, samples are ND
			Chlorodibromomethane	126%	J/None	None, samples are ND

1.7 MATRIX SPIKE SAMPLES

Refer to Section E 1.4. The sample(s) below were used for matrix spike/matrix spike duplicate (MS/MSD):

Lab Sample Number	MS/MSD Sample Client ID	Method(s)
460-311225-1	MW-06_20240910	SW8260D

The MS/MSD recoveries and the RPD between the MS and MSD results were within the specified limits, with the following exceptions:

Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
MS	SW8260D	MW-06_20240910	Carbon tetrachloride	140%	J/None	None, samples are ND
MSD	SW8260D	MW-06_20240910	Tetrachloroethene	35%/15%	NA	None, native sample > 4x the spike added

1.8 BLANK SAMPLE ANALYSIS

Refer to Section E 1.5. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred.

The analysis of the blank samples for field quality control was free of target compounds with the following exceptions:

Blank Type	Date of Blank	Analyte Detected in Blank	Concentration (micrograms per liter [µg/L])	Qualifier	Affected Samples
FB	9/10/2024	Methylene chloride (Dichloromethane)	1.1	NA	None, samples are ND
TB	9/10/2024		1.2		

1.9 DUPLICATE SAMPLE ANALYSIS

Refer to Section E 1.6. The laboratory did not analyze any laboratory duplicates as per the method or laboratory SOP.

The following sample(s) were used for field duplicate analysis. RPDs were all below 35 percent for water (or the absolute difference rule was satisfied if detects were less than five times the RL).

Primary Sample ID	Duplicate Sample ID	Method(s)
MW-06_20240910	DUP-01_20240910	SW8260D

1.10 PRECISION AND ACCURACY

Refer to Section E 1.7. Where required by the method, some measurement of analytical accuracy and precision was reported for each method with the site samples.

1.11 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the DQOs for the project and the guidelines specified by the analytical method. Based on the review of this report, the data are useable and acceptable as no data was rejected. No qualifiers were applied to any data in this report.

2. Explanations

The following explanations include more detailed information regarding each of the sections in the DUSR above. Not all sections in the Explanations are represented:

- E 1.2 Surrogate Recovery Compliance
  - Surrogates, also known as system monitoring compounds, are compounds added to each sample prior to sample preparation to determine the efficiency of the extraction procedure by evaluating the %R of the compounds.
- E 1.3 Laboratory Control Samples
  - The LCS/LCSD analyses are used to assess the precision and accuracy of the analytical method independent of matrix interferences.
- E 1.4 Matrix Spike Samples
  - MS/MSD data are used to assess the precision and accuracy of the analytical method and evaluate the effects of the sample matrix on the sample preparation procedures and measurement methodologies.
- E 1.5 Blank Sample Analysis
  - Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination.
  - Field blanks are prepared to identify contamination that may have been introduced during field activity. Equipment blanks are prepared to identify contamination that may have been introduced while decontaminating sampling equipment. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport.
- E 1.6 Laboratory and Field Duplicate Sample Analysis
  - The laboratory duplicate sample analysis is used by the laboratory at the time of the analysis to demonstrate acceptable method precision. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
  - The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
- E 1.7 Precision and Accuracy
  - Precision measures the reproducibility of repetitive measurements. In a laboratory environment, this will be measured by determining the RPD found between a primary and a duplicate sample. This can be an LCS/LCSD pair, an MS/MSD pair, a laboratory duplicate performed on a site sample, or a field duplicate collected and analyzed concurrently with a site sample.
  - Accuracy is a statistical measurement of the correctness of a measured value and includes components of random error (variability caused by imprecision) and systematic error. In a laboratory environment, this will be measured by determining the %R of certain spiked compounds. This can be assessed using LCS, blank spike (BS), MS, and/or surrogate recoveries.

3. Glossary

Not all of the following symbols, acronyms, or qualifiers occur in this document.

- Sample Types:
  - EB Equipment Blank Sample
  - FB Field Blank Sample
  - FD Field Duplicate Sample
  - N Primary Sample
  - TB Trip Blank Sample
- Units:
  - µg/kg microgram per kilogram
  - µg/L microgram per liter
  - µg/m^3 microgram per cubic meter
  - mg/kg milligram per kilogram
  - mg/L milligram per liter
  - ppb v/v parts per billion volume/volume
  - pCi/L picocuries per liter
  - pg/g picograms per gram
- Matrices:
  - AA Ambient Air
  - GS Soil Gas
  - GW/WG Groundwater
  - QW Water Quality
  - IA Indoor Air
  - SE Sediment
  - SO Soil
  - WQ Water Quality control matrix
  - WS Surface Water
- Table Footnotes:
  - NA Not applicable
  - ND Non-detect
  - NR Not reported
- Common Symbols:
  - % percent
  - < less than
  - ≤ less than or equal to
  - > greater than
  - ≥ greater than or equal to
  - = equal
  - °C degrees Celsius
  - ± plus or minus
  - ~ approximately
  - x times (multiplier)

4. Abbreviations

%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation
%v/v	Percent volume by volume
µg/L	micrograms per liter
2s	2 sigma
4,4-DDT	4 4-dichlorodiphenyltrichloroethane
Abs Diff	Absolute Difference
amu	atomic mass unit
BPJ	Best Professional Judgement
BS	Blank Spike
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CCVL	Continuing Calibration Verification Low
COC	Chain of Custody
COM	Combined Isotope Calculation
Cr (VI)	Hexavalent Chromium
CRI	Collision Reaction Interface
DoD	Department of Defense
DQO	data quality objective
DUSR	Data Usability Summary Report
EMPC	Estimated Maximum Possible Concentration
FBK	Field Blank Contamination
FDP	Field Duplicate
GC	Gas Chromatograph
GC/MS	Gas Chromatography/Mass Spectrometry
GPC	Gel Permeation Chromatography
H2	Hydrogen gas
HCl	Hydrochloric Acid
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICP/MS	Inductively Coupled Plasma/ Mass Spectrometry
ICV	Initial Calibration Verification
ICVL	Initial Calibration Verification Low
IPA	Isopropyl Alcohol
LC	Laboratory Control
LCS/LCSD	Laboratory Control Sample/Laboratory Control Sample Duplicate
MBK	Method Blank Contamination
MDC	Minimum Detectable Concentration
MDL	Laboratory Method Detection Limit
mg/kg	milligrams per kilogram
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NA	not applicable
ND	Non-Detect
NFG	National Functional Guidelines
NH_3	Ammonia
NYSDEC	New York State Department of Environmental Conservation
PAH	polycyclic aromatic hydrocarbon
PCB	Polychlorinated Biphenyl
PDS	Post Digestion Spike
PEM	Performance Evaluation Mixture
PFAS	Per- and Polyfluoroalkyl Substances
PFBA	Perfluorbutanoic Acid
PFD	Perfluorodecalin
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctane sulfonate
PFPeA	Perfluoropentanoic Acid
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
R^2	R-squared value
Ra-226	Radium-226
Ra-228	Radium-228
RESC	Resolution Check Measure
RL	Laboratory Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factors
RT	Retention Time
SAP	sampling analysis plan
SDG	Sample Delivery Group
SIM	Selected ion monitoring
SOP	Standard Operating Procedure
SPE	Solid Phase Extraction
SVOC	Semi-Volatile Organic Compound
TIC	Tentatively Identified Compound
TKN	Total Kjeldahl Nitrogen
TPH	Total Petroleum Hydrocarbon
TPU	Total Propagated Uncertainty
amu	atomic mass unit
USEPA	U.S. Environmental Protection Agency
VOC	Volatile Organic Compound
WP	Work Plan

5. Qualifiers

The qualifiers below are from the USEPA NFG, and the data in the DUSR may contain these qualifiers:

- Concentration (C) Qualifiers:

  U The compound was analyzed for but not detected. The associated value is either the compound quantitation limit if not detected by the analytical instrument or could be the reported or blank concentration if qualified by blank contamination. This can also be displayed as less than the associated compound quantitation limit (<RL or <MDL), or "ND."

  B The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.

  F The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria

- Quantitation (Q) Qualifiers:

  E The compound was quantitated above the calibration range.

  D The concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  J+ The result is an estimated quantity, but the result may be biased high.

  J- The result is an estimated quantity, but the result may be biased low.

  J/UJ As listed in the exception tables, J applies to detected data and UJ applies to non-detected data as reported by the laboratory.

  UJ The compound was not detected above the reported sample quantitation limit; however, the reported limit is estimated and may or may not represent the actual limit of quantitation.

  NJ The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is an estimated concentration only.

  R The sample results were rejected as unusable; the compound may or may not be present in the sample.

  S Result is suspect. See DUSR for details.

References

1. United States Environmental Protection Agency, 2020. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-20-005. November.

Data Usability Summary Report

Project Name: 1885 Atlantic Avenue Brooklyn, New York

Project Description: Water and Soil Gas Samples

Sample Dates: March 12 and 13, 2025

Analytical Laboratory: Eurofins Burlington – South Burlington, VT

Eurofins Edison – Edison, NJ

Validation Performed by: Abigail Peters

Validation Reviewed by: Katherine Miller

Validation Date: 3 April 2025

H & A of New York Engineering and Geology, LLP prepared this Data Usability Summary Report (DUSR) to summarize the review and validation of the analytical results for the Sample Delivery Groups (SDGs) listed. This DUSR is organized into the following sections:

1. **Sample Delivery Group Number 200-77312-1 and 460-322068-1**
2. **Explanations**
3. **Glossary**
4. **Abbreviations**
5. **Qualifiers**

References

This data validation and usability assessment was performed per the guidance and requirements established by the United States Environmental Protection Agency (USEPA) using the following reference materials:

- National Functional Guidelines (NFG) for Organic Data Review.
- Analysis of Volatile Organic Compounds (VOCs) in Air Contained in Canisters by Method TO-15.

Data reported in this sampling event were reported to the laboratory method detection limit (MDL). Results found between the MDL and reporting limit (RL) are flagged J as estimated.

Sample data were qualified in accordance with the laboratory's standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives (DQOs) for the project and are therefore usable; any exceptions are noted in the following pages and listed below.

A subset of data was qualified as estimated due to low canister pressure. All results are usable. A summary of qualifications is provided in Table 1.

1. Sample Delivery Group Number 200-77312-1 and 460-322068-1

1.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG numbers:

- 200-77312-1, dated March 25, 2025; and
- 460-322068-1, dated March 19, 2025.

Samples were collected, preserved, and shipped following standard chain of custody (COC) protocols.

Samples were also received appropriately, identified correctly, and analyzed according to the COC. Issues noted with sample management are listed below:

- SDG 200-77312-1: Custody seals were not used on the sample cooler.
- SDG 200-77312-1: The container label (2911) for sample MP-1_20250312 did not match the COC, which listed 2511. The laboratory logged the sample by container ID.

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Date	Matrix	Methods
MP-1_20250312	N	200-77312-1	03/13/2025	GS	A
MP-2_20250312	N	200-77312-2	03/13/2025	GS	A
MP-3_20250312	N	200-77312-3	03/13/2025	GS	A
MP-4_20250312	N	200-77312-4	03/13/2025	GS	A
MP-5_20250312	N	200-77312-5	03/13/2025	GS	A
MP-6_20250312	N	200-77312-6	03/13/2025	GS	A
IA-01_20250312	N	200-77312-7	03/13/2025	IA	A
IA-02_20250312	N	200-77312-8	03/13/2025	IA	A
IA-03_20250312	N	200-77312-9	03/13/2025	IA	A
IA-04_20250312	N	200-77312-10	03/13/2025	IA	A
IA-05_20250312	N	200-77312-11	03/13/2025	IA	A
IA-06_20250312	N	200-77312-12	03/13/2025	IA	A
AA-01_20250312	N	200-77312-13	03/13/2025	AA	A
MW-08_03122025	N	460-322068-1	03/12/2025	WG	B
MW-07_03122025	N	460-322068-2	03/12/2025	WG	B
MW-06_03122025	N	460-322068-3	03/12/2025	WG	B
DUP-01_03122025	FD	460-322068-4	03/12/2025	WG	B
FB-01_03122025	FB	460-322068-5	03/12/2025	WQ	B
TB-01_03122025	TB	460-322068-6	03/12/2025	WQ	B

Method Holding Times			
A.	TO-15	Volatile Organic Compounds (VOCs) in Air	30 days for air, unpreserved
B.	SW8260D	Volatile Organic Compounds (VOCs)	14 days for liquid, preserved 7 days for liquid, unpreserved

1.2 CASE NARRATIVE

The laboratory report case narrative lists various additional quality control issues, such continuing calibration verification (CCV) exceedances not evaluated by this review thus, no qualifiers were applied to the reported results.

1.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

1.4 REPORTING LIMITS AND SAMPLE DILUTIONS

All sample dilutions were reviewed and found to be justified. Only detected analytes were reported from a sample dilution analysis.

1.5 SURROGATE RECOVERY COMPLIANCE

Refer to Section E 1.1. The percent recovery (%R) for each surrogate compound added to each project sample were determined to be within the laboratory-specified quality control (QC) limits. No additional qualification of the reported results is recommended.

1.6 LABORATORY CONTROL SAMPLES

Refer to Section E 1.2. Compounds associated with the laboratory control sample (LCS) analyses associated with client samples exhibited recoveries within the specified limits.

1.7 MATRIX SPIKE SAMPLES

Refer to Section E 1.3. The sample(s) below were used for matrix spike/matrix spike duplicate (MS/MSD):

Lab Sample Number	Matrix Spike/Matrix Spike Duplicate Sample Client ID	Method(s)
460-322068-1	MW-08_03122025	SW8260D

The MS/MSD recoveries and the relative percent difference (RPD) between the MS and MSD results were within the specified limits, with the following exceptions:

Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
MSD	SW8260D	MW-08_03122025	Dichlorobromomethane	125%	J/None	None, sample is non-detect (ND)
			Carbon Disulfide	RPD = 41		

1.8 BLANK SAMPLE ANALYSIS

Refer to Section E 1.4. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred.

The analysis of the blank samples for field quality control had no detections, indicating that no contamination from field activities occurred, with the following exceptions:

Blank Type	Date of Blank	Analyte Detected in Blank	Concentration (µg/L)	Qualifier	Affected Samples
Field Blank	3/12/2025	Toluene	0.56	NA	None, samples are ND

1.9 DUPLICATE SAMPLE ANALYSIS

Refer to Section E 1.5. The laboratory did not analyze any laboratory duplicates as per the method or laboratory SOP.

The following sample was used for field duplicate analysis. RPDs were all below 35 percent for water (or the absolute difference rule was satisfied if detects were less than 5 times the RL).

Primary Sample ID	Duplicate Sample ID	Method(s)
MW-07_03122025	DUP-01_03122025	SW8260D

1.10 PRECISION AND ACCURACY

Refer to Section E 1.6. Where required by the method, some measurement of analytical accuracy and precision was reported for each method with the site samples, with the following exceptions:

- No precision was reported for TO-15.

1.11 CLEAN CANISTER CERTIFICATION

The canisters used for the TO-15 SIM sample collection were certified clean by individual can analysis prior to sampling to ensure that no target analytes were present. These analysis sheets were reviewed, and no target analytes were detected in the laboratory-provided canisters.

1.12 CANISTER PRESSURE CHECK

Analysis of canister integrity during sampling, including verification that initial canister pressure is less than absolute vacuum (at standard temperature (0 degrees Celsius [°C]), absolute vacuum is measured at -29.92 inches of mercury), to determine potential for bias in the sample result in the event that either constituents of concern may be present within the sample canister prior to sample collection, or that soil vapor results may be diluted if a portion of the sample canister volume contains vapor without the specified constituents of concern. Percent relative error should be less than 10%. The canister pressure was within specified limits, with the following exceptions:

Lab Sample ID	P_A (in-Hg)	P_I (in-Hg)	P_F (in-Hg)	% Relative Error	Qualification
200-77312-5	30	26	8	18.2%	J/UJ

Notes:
P_A = absolute vacuum pressure
P_I = initial vacuum pressure within the canister at the start of sampling
P_F = final vacuum pressure within the canister at the end of sampling

1.13 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the DQOs for the project and the guidelines specified by the analytical method. Based on the review of this report, the data are useable and acceptable as no data was rejected. A summary of qualifiers applied to this dataset is shown in Table 1.

2. Explanations

The following explanations include more detailed information regarding each of the sections in the DUSR above. Not all sections in the Explanations are represented:

- E 1.1 Surrogate Recovery Compliance
  - Surrogates, also known as system monitoring compounds, are compounds added to each sample prior to sample preparation to determining the efficiency of the extraction procedure by evaluating the %R of the compounds.
- E 1.2 Laboratory Control Samples
  - The LCS/laboratory control sample duplicate (LCSD) analyses are used to assess the precision and accuracy of the analytical method independent of matrix interferences.
- E 1.3 Matrix Spike Samples
  - MS/MSD data are used to assess the precision and accuracy of the analytical method and evaluate the effects of the sample matrix on the sample preparation procedures and measurement methodologies.
- E 1.4 Blank Sample Analysis
  - Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination.
  - Field blanks are prepared to identify contamination that may have been introduced during field activity. Equipment blanks are prepared to identify contamination that may have been introduced while decontaminating sampling equipment. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport.
- E 1.5 Laboratory and Field Duplicate Sample Analysis
  - The laboratory duplicate sample analysis is used by the laboratory at the time of the analysis to demonstrate acceptable method precision. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
  - The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
- E 1.6 Precision and Accuracy
  - Precision measures the reproducibility of repetitive measurements. In a laboratory environment, this will be measured by determining the RPD found between a primary and a duplicate sample. This can be an LCS/LCSD pair, a MS/MSD pair, a laboratory duplicate performed on a site sample, or a field duplicate collected and analyzed concurrently with a site sample.
  - Accuracy is a statistical measurement of the correctness of a measured value and includes components of random error (variability caused by imprecision) and systematic error. In a laboratory environment, this will be measured by determining the %R of certain spiked compounds. This can be assessed using LCS, blank spike (BS), MS, and/or surrogate recoveries.

3. Glossary

*Analyte names may be abbreviated for simplicity. Please reference the laboratory report for the full analyte name.
Not all of the following symbols, acronyms, or qualifiers occur in this document.

- Sample Types:
  - EB Equipment Blank Sample
  - FB Field Blank Sample
  - FD Field Duplicate Sample
  - N Primary Sample
  - TB Trip Blank Sample
- Units:
  - ng/kg nanograms per kilogram
  - µg/L micrograms per liter
  - µg/m3 micrograms per cubic meter
  - mg/kg milligrams per kilogram
  - mg/L milligrams per liter
  - ppbv/v parts per billion volume/volume
  - pCi/L picocuries per liter
  - pg/g picograms per gram
  - pg/L picograms per liter
- Matrices:
  - AA Ambient Air
  - GS Soil Gas
  - GW/WG Groundwater
  - IA Indoor Air
  - SE Sediment
  - SO Soil
  - SSV Sub-slab Vapor
  - ST Solid Waste
  - WQ Water Quality control matrix
  - WS Surface Water
  - WW Waste Water
- Table Footnotes:
  - NA Not applicable
  - ND Non-detect
  - NR Not reported
- Common Symbols:
  - % percent
  - < less than
  - ≤ less than or equal to
  - > greater than
  - ≥ greater than or equal to
  - = equal
  - °C degrees Celsius
  - ± plus or minus
  - ~ approximately
  - x times (multiplier)
- Fractions:
  - N Normal (method cannot be filtered)
  - D Dissolved (filtered)
  - T Total (unfiltered)

4. Abbreviations

%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation
%v/v	Percent volume by volume
2s	2 sigma
4,4-DDT	4 4-dichlorodiphenyltrichloroethane
Abs Diff	Absolute Difference
amu	atomic mass unit
BPJ	Best Professional Judgement
BS	Blank Spike
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CCVL	Continuing Calibration Verification Low
COC	Chain of Custody
COM	Combined Isotope Calculation
Cr (VI)	Hexavalent Chromium
CRI	Collision Reaction Interface
DoD	Department of Defense
DQO	data quality objective
DUSR	Data Usability Summary Report
EIS	Extraction Internal Standard
EMPC	Estimated Maximum Possible Concentration
FBK	Field Blank Contamination
FDP	Field Duplicate
GC	Gas Chromatograph
GC/MS	Gas Chromatography/Mass Spectrometry
GPC	Gel Permeation Chromatography
H_2	Hydrogen gas
HCl	Hydrochloric Acid
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICP/MS	Inductively Coupled Plasma/Mass Spectrometry
ICV	Initial Calibration Verification
ICVL	Initial Calibration Verification Low
IPA	Isopropyl Alcohol
LC	Laboratory Control
LCS/LCSD	Laboratory Control Sample/Laboratory Control Sample Duplicate
MBK	Method Blank Contamination
MDC	Minimum Detectable Concentration
MDL	Laboratory Method Detection Limit
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NA	not applicable
ND	Non-Detect
NFG	National Functional Guidelines
NH_3	Ammonia
NYSDEC	New York State Department of Environmental Conservation
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PDS	Post-Digestion Spike
PEM	Performance Evaluation Mixture
PFAS	Per- and Polyfluoroalkyl Substances
PFBA	Perfluorbutanoic Acid
PFD	Perfluorodecalin
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctane sulfonate
PFPeA	Perfluoropentanoic Acid
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
R^2	R-squared value
Ra-226	Radium-226
Ra-228	Radium-228
RESC	Resolution Check Measure
RL	Laboratory Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
RT	Retention Time
SAP	Sampling Analysis Plan
SDG	Sample Delivery Group
SIM	Selected ion monitoring
SOP	Standard Operating Procedure
SPE	Solid-Phase Extraction
SVOC	Semi-Volatile Organic Compound
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TKN	Total Kjeldahl Nitrogen
TPH	Total Petroleum Hydrocarbon
TPU	Total Propagated Uncertainty
USEPA	U.S. Environmental Protection Agency
VOC	Volatile Organic Compound
WP	Work Plan

5. Qualifiers

The qualifiers below are from the USEPA NFG and the data in the DUSR may contain these qualifiers:

- Concentration (C) Qualifiers:

  U The compound was analyzed for but not detected. The associated value is either the compound quantitation limit if not detected by the analytical instrument or could be the reported or blank concentration if qualified by blank contamination. This can also be displayed as less than the associated compound quantitation limit (<RL or <MDL), or "ND".

  B The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers:

  E The compound was quantitated above the calibration range.

  D The concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  J+ The result is an estimated quantity, but the result may be biased high.

  J- The result is an estimated quantity, but the result may be biased low.

  J/UJ as listed in exception tables J applies to detected data and UJ applies to non-detected data as reported by the laboratory.

  UJ The compound was not detected. The reported sample quantitation limit is approximate.

  NJ The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is an estimated concentration only.

  R The sample results were rejected as unusable; the compound may or may not be present in the sample.

  S Result is suspect. See DUSR for details.

References

1. United States Environmental Protection Agency, 2014. Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15, SOP NO. HW-31, Revision 6. June.
2. United States Environmental Protection Agency, 2020. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-20-005. November.

Attachment:

Table 1 – System Performance Summary

TABLE

TABLE 1
SYSTEM PERFORMANCE SUMMARY
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

SDG	Method	Sample ID	Lab ID	Analyte	Fraction	Reported Result	Validated Result	Reason for Qualifier
200773121	TO15	MP-5_20250312	200-77312-5	1,1,1-Trichloroethane	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,1,2,2-Tetrachloroethane	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,1,2-Trichloroethane	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,1-Dichloroethane	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,1-Dichloroethene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,2,4-Trichlorobenzene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,2,4-Trimethylbenzene	N	1.3	1.3 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,2-Dibromoethane (Ethylene Dibromide)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,2-Dichlorobenzene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,2-Dichloroethane	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,2-Dichloropropane	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,2-Dichlorotetrafluoroethane (CFC 114)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,3,5-Trimethylbenzene	N	0.3 J	0.3 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,3-Butadiene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,3-Dichlorobenzene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,4-Dichlorobenzene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	1,4-Dioxane	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	2,2,4-Trimethylpentane	N	0.96	0.96 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	2-Butanone (Methyl Ethyl Ketone)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	2-Chlorotoluene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	2-Hexanone (Methyl Butyl Ketone)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	2-Phenylbutane (sec-Butylbenzene)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Acetone	N	11 J	11 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Allyl chloride	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Benzene	N	0.74	0.74 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Benzyl Chloride (alpha-Chlorotoluene)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Bromodichloromethane	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Bromoform	N	U	UJ	LCP

SDG	Method	Sample ID	Lab ID	Analyte	Fraction	Reported Result	Validated Result	Reason for Qualifier
200773121	TO15	MP-5_20250312	200-77312-5	Bromomethane (Methyl Bromide)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Butane	N	4.3	4.3 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Carbon disulfide	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Carbon tetrachloride	N	0.41	0.41 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Chlorobenzene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Chlorodifluoromethane	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Chloroethane	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Chloroform (Trichloromethane)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Chloromethane (Methyl Chloride)	N	0.77 J	0.77 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Cyclohexane	N	0.61 J	0.61 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Cymene (p-Isopropyltoluene)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Dibromochloromethane	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Dichlorodifluoromethane (CFC-12)	N	2.1 J	2.1 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Ethylbenzene	N	0.58 J	0.58 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Hexachlorobutadiene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Hexane	N	4.1	4.1 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Isopropyl Alcohol (2-Propanol)	N	8.7 J	8.7 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Isopropylbenzene (Cumene)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Methyl Tert Butyl Ether (MTBE)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Methyl methacrylate	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Methylene chloride (Dichloromethane)	N	0.67 J	0.67 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	N-Heptane	N	0.66 J	0.66 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Naphthalene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Styrene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Tert-Butyl Alcohol (tert-Butanol)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Tetrachloroethene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Tetrahydrofuran	N	12 J	12 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Toluene	N	2.4	2.4 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Trichloroethene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Trichlorofluoromethane (CFC-11)	N	1 J	1 J	LCP

TABLE 1
SYSTEM PERFORMANCE SUMMARY
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

SDG	Method	Sample ID	Lab ID	Analyte	Fraction	Reported Result	Validated Result	Reason for Qualifier
200773121	TO15	MP-5_20250312	200-77312-5	Trifluorotrichloroethane (Freon 113)	N	0.45 J	0.45 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Vinyl Bromide (Bromoethene)	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	Vinyl chloride	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	cis-1,2-Dichloroethene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	cis-1,3-Dichloropropene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	m,p-Xylenes	N	2.5	2.5 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	n-Butylbenzene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	n-Propylbenzene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	o-Xylene	N	1	1 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	tert-Butylbenzene	N	U	UJ	LCP
200773121	TO15	MP-5_20250312	200-77312-5	trans-1,2-Dichloroethene	N	0.72 J	0.72 J	LCP
200773121	TO15	MP-5_20250312	200-77312-5	trans-1,3-Dichloropropene	N	U	UJ	LCP

Notes:

LCP = Low canister pressure.

J = Estimated concentration.

Data Usability Summary Report

Project Name: 1885 Atlantic Avenue Brooklyn, New York

Project Description: Water Samples

Sample Dates: May 1, 2025

Analytical Laboratory: Eurofins Edison – Edison, NJ

Validation Performed by: Kristina Ilina

Validation Reviewed by: Katherine Miller

Validation Date: May 19, 2025

H & A of New York Engineering and Geology, LLP prepared this Data Usability Summary Report (DUSR) to summarize the review and validation of the analytical results for the Sample Delivery Group (SDG) listed. This DUSR is organized into the following sections:

1. **Sample Delivery Group Number 460-325502-1**
2. **Explanations**
3. **Glossary**
4. **Abbreviations**
5. **Qualifiers**

References

This data validation and usability assessment was performed per the guidance and requirements established by the United States Environmental Protection Agency (USEPA) using the following reference materials:

- National Functional Guidelines (NFG) for Organic Data Review.

Data reported in this sampling event were reported to the laboratory method detection limit (MDL). Results found between the MDL and reporting limit (RL) are flagged J as estimated.

Sample data were qualified in accordance with the laboratory's standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives (DQOs) for the project and are therefore usable; any exceptions are noted in the following pages and listed below.

A subset of data was qualified as estimated due to low matrix spike/matrix spike duplicate (MS/MSD) percent recovery (%R). All results are usable. A summary of qualifications is provided in Section 1.11.

1. Sample Delivery Group Number 460-325502-1

1.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number 460-325502-1, dated May 8, 2025.

Samples were collected, preserved, and shipped following standard chain of custody (COC) protocols. Samples were also received appropriately, identified correctly, and analyzed according to the COC.

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Date	Matrix	Method	Holding Time
MW-06_20250501	N	460-325502-1	05/01/2025	WG	Volatile Organic Compounds (VOCs) by SW8260D	14 days for liquid, preserved 7 days for liquid, unpreserved
MW-07_20250501	N	460-325502-2	05/01/2025	WG		
MW-08_20250501	N	460-325502-3	05/01/2025	WG		
Dup-01_20250501	FD	460-325502-4	05/01/2025	WG		
FB-01_20250501	FB	460-325502-5	05/01/2025	WQ		
TB-01_20250501	TB	460-325502-6	05/01/2025	WQ		

1.2 CASE NARRATIVE

The laboratory report case narrative lists various additional quality control (QC) issues, such continuing calibration verification (CCV) exceedances not evaluated by this review thus, no qualifiers were applied to the reported results.

1.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

1.4 REPORTING LIMITS AND SAMPLE DILUTIONS

No sample dilutions were performed for the analysis of the samples in this report.

1.5 SURROGATE RECOVERY COMPLIANCE

Refer to Section E 1.1. The %R for each surrogate compound added to each project sample were determined to be within the laboratory-specified QC limits. No additional qualification of the reported results is recommended.

1.6 LABORATORY CONTROL SAMPLES

Refer to Section E 1.2. Compounds associated with the laboratory control sample (LCS) analyses associated with client samples exhibited recoveries within the specified limits.

1.7 MATRIX SPIKE SAMPLES

Refer to Section E 1.3. The sample(s) below were used for MS/MSD:

Lab Sample Number	Matrix Spike/Matrix Spike Duplicate Sample Client ID	Method(s)
460-325502-1	MW-06_20250501	SW8260D

The MS/MSD recoveries and the relative percent difference (RPD) between the MS and MSD results were within the specified limits, with the following exceptions:

Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
MS	SW8260D	MW-06_20250501	Styrene	80%	J/UJ	MW-06_20250501
MS/MSD			Bromomethane	RPD=54	J/None	None, sample is non-detect (ND)
			Tetrachloroethene	39%/53%	J/UJ	MW-06_20250501

1.8 BLANK SAMPLE ANALYSIS

Refer to Section E 1.4. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred.

The analysis of the blank samples for field QC had no detections, indicating that no contamination from field activities occurred.

1.9 DUPLICATE SAMPLE ANALYSIS

Refer to Section E 1.5. The laboratory did not analyze any laboratory duplicates as per the method or laboratory SOP.

The following sample was used for field duplicate analysis. RPDs were all below 35 percent for water (or the absolute difference rule was satisfied if detects were less than 5 times the RL).

Primary Sample ID	Duplicate Sample ID	Method(s)
MW-07_20250501	Dup-01_20250501	SW8260D

1.10 PRECISION AND ACCURACY

Refer to Section E 1.6. Where required by the method, some measurement of analytical accuracy and precision was reported for each method with the site samples.

1.11 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the DQOs for the project and the guidelines specified by the analytical method. Based on the review of this report, the data are useable and acceptable, as no data was rejected. The qualifiers applied to this dataset are summarized in the table below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
MW-06_20250501	Styrene	0.42 U	0.42 UJ	MS/MSD %R low
	Tetrachloroethene	42	42 J	

2. Explanations

The following explanations include more detailed information regarding each of the sections in the DUSR above. Not all sections in the Explanations are represented:

- E 1.1 Surrogate Recovery Compliance
  - Surrogates, also known as system monitoring compounds, are compounds added to each sample prior to sample preparation to determining the efficiency of the extraction procedure by evaluating the %R of the compounds.
- E 1.2 Laboratory Control Samples
  - The LCS/laboratory control sample duplicate (LCSD) analyses are used to assess the precision and accuracy of the analytical method independent of matrix interferences.
- E 1.3 Matrix Spike Samples
  - MS/MSD data are used to assess the precision and accuracy of the analytical method and evaluate the effects of the sample matrix on the sample preparation procedures and measurement methodologies.
- E 1.4 Blank Sample Analysis
  - Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination.
  - Field blanks are prepared to identify contamination that may have been introduced during field activity. Equipment blanks are prepared to identify contamination that may have been introduced while decontaminating sampling equipment. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport.
- E 1.5 Laboratory and Field Duplicate Sample Analysis
  - The laboratory duplicate sample analysis is used by the laboratory at the time of the analysis to demonstrate acceptable method precision. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
  - The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
- E 1.6 Precision and Accuracy
  - Precision measures the reproducibility of repetitive measurements. In a laboratory environment, this will be measured by determining the RPD found between a primary and a duplicate sample. This can be an LCS/LCSD pair, a MS/MSD pair, a laboratory duplicate performed on a site sample, or a field duplicate collected and analyzed concurrently with a site sample.
  - Accuracy is a statistical measurement of the correctness of a measured value and includes components of random error (variability caused by imprecision) and systematic error. In a laboratory environment, this will be measured by determining the %R of certain spiked compounds. This can be assessed using LCS, blank spike (BS), MS, and/or surrogate recoveries.

3. Glossary

*Analyte names may be abbreviated for simplicity. Please reference the laboratory report for the full analyte name.
Not all of the following symbols, acronyms, or qualifiers occur in this document.

- Sample Types:
  - EB Equipment Blank Sample
  - FB Field Blank Sample
  - FD Field Duplicate Sample
  - N Primary Sample
  - TB Trip Blank Sample
- Units:
  - ng/kg nanograms per kilogram
  - µg/L micrograms per liter
  - µg/m3 micrograms per cubic meter
  - mg/kg milligrams per kilogram
  - mg/L milligrams per liter
  - ppbv/v parts per billion volume/volume
  - pCi/L picocuries per liter
  - pg/g picograms per gram
  - pg/L picograms per liter
- Matrices:
  - AA Ambient Air
  - GS Soil Gas
  - GW/WG Groundwater
  - IA Indoor Air
  - SE Sediment
  - SO Soil
  - SSV Sub-slab Vapor
  - ST Solid Waste
  - WQ Water Quality control matrix
  - WS Surface Water
  - WW Waste Water
- Table Footnotes:
  - NA Not applicable
  - ND Non-detect
  - NR Not reported
- Common Symbols:
  - % percent
  - < less than
  - ≤ less than or equal to
  - > greater than
  - ≥ greater than or equal to
  - = equal
  - °C degrees Celsius
  - ± plus or minus
  - ~ approximately
  - x times (multiplier)
- Fractions:
  - N Normal (method cannot be filtered)
  - D Dissolved (filtered)
  - T Total (unfiltered)

4. Abbreviations

%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation
%v/v	Percent volume by volume
2s	2 sigma
4,4-DDT	4 4-dichlorodiphenyltrichloroethane
Abs Diff	Absolute Difference
amu	atomic mass unit
BPJ	Best Professional Judgement
BS	Blank Spike
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CCVL	Continuing Calibration Verification Low
COC	Chain of Custody
COM	Combined Isotope Calculation
Cr (VI)	Hexavalent Chromium
CRI	Collision Reaction Interface
DoD	Department of Defense
DQO	data quality objective
DUSR	Data Usability Summary Report
EIS	Extraction Internal Standard
EMPC	Estimated Maximum Possible Concentration
FBK	Field Blank Contamination
FDP	Field Duplicate
GC	Gas Chromatograph
GC/MS	Gas Chromatography/Mass Spectrometry
GPC	Gel Permeation Chromatography
H_2	Hydrogen gas
HCl	Hydrochloric Acid
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICP/MS	Inductively Coupled Plasma/Mass Spectrometry
ICV	Initial Calibration Verification
ICVL	Initial Calibration Verification Low
IPA	Isopropyl Alcohol
LC	Laboratory Control
LCS/LCSD	Laboratory Control Sample/Laboratory Control Sample Duplicate
MBK	Method Blank Contamination
MDC	Minimum Detectable Concentration
MDL	Laboratory Method Detection Limit
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NA	not applicable
ND	Non-Detect
NFG	National Functional Guidelines
NH_3	Ammonia
NYSDEC	New York State Department of Environmental Conservation
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PDS	Post-Digestion Spike
PEM	Performance Evaluation Mixture
PFAS	Per- and Polyfluoroalkyl Substances
PFBA	Perfluorbutanoic Acid
PFD	Perfluorodecalin
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctane sulfonate
PFPeA	Perfluoropentanoic Acid
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
R^2	R-squared value
Ra-226	Radium-226
Ra-228	Radium-228
RESC	Resolution Check Measure
RL	Laboratory Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
RT	Retention Time
SAP	Sampling Analysis Plan
SDG	Sample Delivery Group
SIM	Selected ion monitoring
SOP	Standard Operating Procedure
SPE	Solid-Phase Extraction
SVOC	Semi-Volatile Organic Compound
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TKN	Total Kjeldahl Nitrogen
TPH	Total Petroleum Hydrocarbon
TPU	Total Propagated Uncertainty
USEPA	U.S. Environmental Protection Agency
VOC	Volatile Organic Compound
WP	Work Plan

5. Qualifiers

The qualifiers below are from the USEPA NFG and the data in the DUSR may contain these qualifiers:

- Concentration (C) Qualifiers:

  U The compound was analyzed for but not detected. The associated value is either the compound quantitation limit if not detected by the analytical instrument or could be the reported or blank concentration if qualified by blank contamination. This can also be displayed as less than the associated compound quantitation limit (<RL or <MDL), or "ND".

  B The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers:

  E The compound was quantitated above the calibration range.

  D The concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  J+ The result is an estimated quantity, but the result may be biased high.

  J- The result is an estimated quantity, but the result may be biased low.

  J/UJ as listed in exception tables J applies to detected data and UJ applies to non-detected data as reported by the laboratory.

  UJ The compound was not detected. The reported sample quantitation limit is approximate.

  NJ The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is an estimated concentration only.

  R The sample results were rejected as unusable; the compound may or may not be present in the sample.

  S Result is suspect. See DUSR for details.

References

1. United States Environmental Protection Agency, 2020. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-20-005. November.

Data Usability Summary Report

Project Name: 1885 Atlantic Avenue, Brooklyn, New York

Project Description: Groundwater and Soil Gas Samples

Sample Date(s): February 2025 through March 2026

Analytical Laboratory: Pace Analytical - Mansfield, Massachusetts

Eurofins Burlington - South Burlington, Vermont

Validation Performed by: Kristina Ilina

Validation Reviewed by: Katherine Miller

Validation Date: March 24, 2026

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1. Introduction

H & A of New York Engineering and Geology, LLP prepared this Data Usability Summary Report (DUSR) to summarize the review and validation of the analytical results for the Sample Delivery Groups (SDGs) listed.

This data validation and usability assessment was performed per the guidance and requirements established by the United States Environmental Protection Agency (USEPA) using the following reference materials:

- National Functional Guidelines (NFG) for Organic Data Review.
- Analysis of Volatile Organic Compounds (VOCs) in Air Contained in Canisters by Method TO-15.

Data reported in this sampling event were reported to the laboratory method detection limit (MDL). Results reported between the MDL and reporting limit (RL) are flagged "J" as estimated.

Sample data were qualified in accordance with the laboratory's standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives (DQOs) for the project and are therefore usable; any exceptions are noted in the following pages.

A subset of data was qualified as estimated due to holding time exceedance and low laboratory control sample/laboratory control sample duplicate (LCS/LCSD) and/or matrix spike/matrix spike duplicate (MS/MSD) recoveries. All results are usable except for those that are marked non-reportable due to calibration curve exceedances. A summary of qualifications is provided in Section 2.12.

2. Sample Delivery Group

2.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG numbers:

- 200-78914-1, dated August 20, 2025;
- L2509420, dated February 28, 2025;
- L2536987, dated June 24, 2025;
- L2543344, dated July 16, 2025;
- L2560983, dated September 30, 2025;
- L2565378, dated October 20, 2025;
- L2577844, dated December 12, 2025;
- 460-332933-1, dated August 22, 2025;
- 460-341362-1, dated December 17, 2025;
- 460-344099-1, dated February 5, 2026; and
- L2610159, dated March 5, 2026.

Samples were collected, preserved, and shipped following standard chain of custody (COC) protocols. Samples were also received appropriately, identified correctly, and analyzed according to the COC.

- L2509420, L2536987, L2543344, L2577844: the COCs are missing the end sample collection time.
- L2560983, L2565378: the COCs are missing the start sample collection time.
- 200-78914-1: The container labels for the following samples did not match the information listed on the COC: SVE_INF_20250813; SVE_EFF_20250813; SSDS_INF_20250813. Sample IDs were changed as follows to match the sampling date per client's request: "SVE_INF_20250813" to "SVE_INF_20250814"; "SVE_EFF_20250813" to "SVE_EFF_20250814"; "SSDS_INF_20250813" to "SSDS_INF_20250814".
- 460-341362-1: Per laboratory policy, the trip blank (460-341362-6) date/time was added to reflect the date/time of the latest sampling event.
- 460-344099-1: The container label for the field blank (FB) did not match the information documented on the COC: vials indicate sample collection times of 11:35 and 11:40, neither of which corresponds to the time recorded on the COC. The samples were logged in accordance with the COC documentation (14:45).

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Date	Matrix	Methods	Holding Time
SVE_INF_20250814	N	200-78914-1	08/14/2025	GS	VOCs in Air by TO-15	Three days for Tedlar bags and 30 days for canisters
SVE_EFF_20250814	N	200-78914-2	08/14/2025	GS		
SSDS_INF_20250814	N	200-78914-3	08/14/2025	GS		
SVE-INF-20250220	N	L2509420-01	02/20/2025	GS		
GAC-2-EFF-20250220	N	L2509420-02	02/20/2025	GS		
SVE-INF	N	L2610159-01	2/26/2026	GS		
SVE-EFF	N	L2610159-02	2/26/2026	GS		

Sample ID	Sample Type	Lab ID	Sample Date	Matrix	Methods	Holding Time
SVE-INF_20250612	N	L2536987-01	06/12/2025	GS		
SVE-EFF_20250612	N	L2536987-02	06/12/2025	GS		
SVE-EFF-01_20250710	N	L2543344-01	07/10/2025	GS		
SVE-INF-01_20250710	N	L2543344-02	07/10/2025	GS		
SVE-INF-02_20250710	N	L2543344-03	07/10/2025	GS		
SVE-EFF-02_20250710	N	L2543344-04	07/10/2025	GS		
SVE-INF-01_20250926	N	L2560983-01	09/26/2025	GS		
SVE-EFF-01_20250926	N	L2560983-02	09/26/2025	GS		
SVE-INF-02_20250926	N	L2560983-03	09/26/2025	GS		
SVE-EFF-02_20250926	N	L2560983-04	09/26/2025	GS		
SVE-INF-01_20251015	N	L2565378-01	10/15/2025	GS		
SVE-EFF-01_20251015	N	L2565378-02	10/15/2025	GS		
SVE-INF-02_20251015	N	L2565378-03	10/15/2025	GS		
SVE-EFF-02_20251015	N	L2565378-04	10/15/2025	GS		
SVE-INF-20251208	N	L2577844-01	12/08/2025	GS		
SVE-EFF-20251208	N	L2577844-02	12/08/2025	GS		
MW-6_20250815	N	460-332933-1	08/15/2025	WG	VOCs by SW8260D	14 days for liquid, preserved; seven days for liquid unpreserved
DUP-01_20250815	FD	460-332933-2	08/15/2025	WG		
MW-7_20250815	N	460-332933-3	08/15/2025	WG		
MW-8_20250815	N	460-332933-4	08/15/2025	WG		
FB-01_20250815	FB	460-332933-5	08/15/2025	WQ		
TB-01_20250815	TB	460-332933-6	08/15/2025	WQ		
MW-7_20251211	N	460-341362-1	12/11/2025	WG		
MW-6_20251211	N	460-341362-2	12/11/2025	WG		
MW-8_20251211	N	460-341362-3	12/11/2025	WG		
DUP-1_20251211	FD	460-341362-4	12/11/2025	WG		
FB-1_20251211	FB	460-341362-5	12/11/2025	WQ		
TB-1 Blank	TB	460-341362-6	12/11/2025	WQ		
MW-8_20260128	N	460-344099-1	01/28/2026	WG		
MW-7_20260128	N	460-344099-2	01/28/2026	WG		
MW-6_20260128	N	460-344099-3	01/28/2026	WG		
DUP-01_20260128	FD	460-344099-4	01/28/2026	WG		
FB-01_20260128	FB	460-344099-5	01/28/2026	WQ		
TB-01_20260128	TB	460-344099-6	01/28/2026	WQ		

2.2 MULTIPLE SAMPLE RESULTS

The laboratory reported multiple results for the samples listed below. The validator chose the results that best met the DQOs of the project.

Lab ID	Analysis Date/Time	Method	Analyte	Qualification
200-78914-3	8/18/2025 12:20 p.m.	TO-15	All analytes (except for 2,2,4-Trimethylpentane)	Sample was reanalyzed since 2,2,4-Trimethylpentane exceeded calibration range. Reanalysis was performed outside of analytical Holding Time. 2,2,4-Trimethylpentane result was accepted from the reanalysis, and all other analytes results were accepted from the original run.
L2509420-01 L2509420-02 L2543344-02	2/28/2025 2/28/2025 7/16/2025	TO-15	Hexane	The laboratory reanalyzed the samples due to concentration exceeding range of the calibration curve and/or linear range of the instrument and required dilution. The original results are marked nonreportable, and the reanalysis results are accepted.

2.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

- Samples in SDGs L2509420, L2536987, L2543344, and L2610159 were transferred from a Tedlar bag into a fused silica-lined canister upon receipt in order to extend the holding time for analysis.
- Sample SSDS_INF_20250814 was analyzed outside of holding time for 2,2,4-Trimethylpentane, and the result was qualified J.

2.4 REPORTING LIMITS AND SAMPLE DILUTIONS

No sample dilutions were performed for the analysis of the groundwater samples in this report.

Soil gas samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Samples collected in Summa canisters are pressurized by the laboratory, resulting in an approximately two-times dilution.

2.5 SURROGATE RECOVERY COMPLIANCE

Refer to Section E 1.2. The percent recovery (%R) for each surrogate compound added to each project sample was determined to be within the laboratory-specified quality control (QC) limits.

2.6 BLANK SAMPLE ANALYSIS

Refer to Section E 1.5. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred.

The analysis of the blank samples for field quality control had no detections, indicating that no contamination from field activities occurred, with the following exceptions:

Blank Type	Date of Blank	Analyte Detected in Blank	Concentration (micrograms per liter [µg/L])	Qualifier	Affected Samples
Field Blank	12/11/25	Acetone	13	NA	Qualified non-detect (ND) based on trip blank contamination
Field Blank	1/28/26	Methylene chloride (Dichloromethane)	1.2	NA	None, samples are ND
Field Blank	1/28/26	Xylene (Total)	1.6	NA	Qualified ND based on trip blank contamination
Field Blank	1/28/26	m,p-Xylenes	1.2		
Field Blank	1/28/26	o-Xylene	0.36		
Trip Blank	12/11/25	Acetone	15	Result U	FB-1_20251211
Trip Blank	1/28/26	1,2,4-Trimethylbenzene	0.86 J	NA	None, samples are ND
Trip Blank	1/28/26	Acetone	24		
Trip Blank	1/28/26	Ethylbenzene	3.2		
Trip Blank	1/28/26	Methyl acetate	3.7 J		
Trip Blank	1/28/26	Xylene (Total)	20	RL U	FB-01_20260128
Trip Blank	1/28/26	m,p-Xylenes	14	Result U	FB-01_20260128
Trip Blank	1/28/26	o-Xylene	5.8	RL U	FB-01_20260128

2.7 LABORATORY CONTROL SAMPLES

Refer to Section E 1.3. Compounds associated with the LCS analyses associated with client samples exhibited recoveries, with the following exceptions:

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCS	TO-15	WG2152814	trans-1,3-Dichloropropene	143%	J/None	None, samples are ND
			Tert-Butyl Alcohol (tert-Butanol)	61%	J/UJ	SVE-EFF-20251208 SVE-INF-20251208
		WG2129876	trans-1,3-Dichloropropene	133%	J/None	None, samples are ND

Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
LCS/ LCSD	SW8260D	1088584	2-Hexanone	67%/ 67%	J/UJ	MW-8_20260128 MW-7_20260128 MW-6_20260128 DUP-01_20260128 FB-01_20260128 TB-01_20260128
			Dichlorodifluoromethane	158%/ 161%	J/None	None, samples are ND
LCS	TO-15	WG2181463	1,3-Dichlorobenzene	131%	J/None	None, samples are ND
			1,2,4-Trichlorobenzene	138%		

2.8 MATRIX SPIKE SAMPLES

Refer to Section E 1.5. The sample(s) below were used for MS/MSD:

Lab Sample Number	MS/MSD Sample Client ID	Method(s)
460-332933-3	MW-7_20250815	SW8260D
460-341362-1	MW-7_20251211	
460-344099-2	MW-7_20260128	

The MS/MSD recoveries and the relative percent difference (RPD) between the MS and MSD results were within the specified limits, with the following exceptions:

Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
MS/MSD	SW8260D	MW-7_20250815	Tetrachloroethene	12%/54%	J/R	MW-7_20250815
			1,2,3-Trichlorobenzene	RPD=37	J/None	None, sample is ND
			1,2,4-Trichlorobenzene	RPD=34		
MSD			1,1,2-Trichloroethane	127%		
			1,2-Dichlorobenzene	123%		
			1,3-Dichlorobenzene	126%		
			1,4-Dichlorobenzene	124%		
			Chlorobenzene	127%		
			m-Xylene & p-Xylene	122%		
			Toluene	122%		

Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
MS/MSD		MW-7_20251211	Tetrachloroethene	16%/33%	J/UJ	MW-7_20251211
			Bromomethane	RPD=46	J/None	None, sample is ND
		MW-7_20260128	2-Hexanone	61%/65%	J/UJ	MW-7_20260128
			Tetrachloroethene	43%/49%		

2.9 DUPLICATE SAMPLE ANALYSIS

Refer to Section E 1.6. The laboratory did not analyze any laboratory duplicates as per the method or laboratory SOP.

The following sample(s) were used for field duplicate analysis. RPDs were all below 35 percent for water (or the absolute difference rule was satisfied if detects were less than five times the RL).

Primary Sample ID	Duplicate Sample ID	Method(s)
MW-6_20250815	DUP-01_20250815	SW8260D
MW-8_20251211	DUP-1_20251211	
MW-7_20260128	DUP-01_20260128	

2.10 PRECISION AND ACCURACY

Refer to Section E 1.7. Where required by the method, some measurement of analytical accuracy and precision was reported for each method with the site samples.

2.11 CLEAN CANISTER CERTIFICATION

The canisters used for the TO-15 sample collection were certified clean by batch analysis prior to sampling to ensure that no target analytes were present. These analysis sheets were reviewed, and no target analytes were detected in the laboratory-provided canisters.

2.12 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the DQOs for the project and the guidelines specified by the analytical method. Based on the review of this report, the data are useable and acceptable, as no data was rejected. The qualifiers applied to this dataset are summarized in the table below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
SSDS_INF_20250814	All analytes (except for 2,2,4-Trimethylpentane)	Detect/ND	Non-reportable	Another result is available

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
	2,2,4-Trimethylpentane	1300	1300 J	Holding Time Exceedance
		1100	Non-reportable	Exceeds Calibration Curve; Alternative Result Available
SVE-INF-20250220	Hexane	3010	Non-reportable	
GAC-2-EFF-20250220		1990		
SVE-INF-01_20250710		680		
SVE-INF-20251208	Tert-Butyl Alcohol (tert-Butanol)	ND U	ND UJ	Low LCS or LCS/LCSD %R
SVE-EFF-20251208		ND U	ND UJ	
MW-8_20260128	2-Hexanone (Methyl Butyl Ketone)	ND U	ND UJ	
MW-6_20260128				
DUP-01_20260128				
FB-01_20260128				
TB-01_20260128				
MW-7_20260128				Low LCS/LCSD %R. Low MS/MSD %R
MW-7_20250815	Tetrachloroethene	99	99	Low MS/MSD %R
MW-7_20251211		95	95	
MW-7_20260128		91	91	
FB-1_20251211	Acetone	13	13 U	Trip Blank Contamination
FB-01_20260128	m,p-Xylenes	1.2	1.2 U	Trip Blank Contamination
	o-Xylene	0.36	1.0 U	
	Xylene (Total)	1.6	2.0 U	

3. Explanations

The following explanations include more detailed information regarding each of the sections in the DUSR above. Not all sections in the Explanations are represented:

- E 1.2 Surrogate Recovery Compliance
  - Surrogates, also known as system monitoring compounds, are compounds added to each sample prior to sample preparation to determine the efficiency of the extraction procedure by evaluating the %R of the compounds.
- E 1.3 Laboratory Control Samples
  - The LCS/LCSD analyses are used to assess the precision and accuracy of the analytical method independent of matrix interferences.
- E 1.5 Blank Sample Analysis
  - Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination.
  - Field blanks are prepared to identify contamination that may have been introduced during field activity. Equipment blanks are prepared to identify contamination that may have been introduced while decontaminating sampling equipment. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport.
- E 1.6 Laboratory and Field Duplicate Sample Analysis
  - The laboratory duplicate sample analysis is used by the laboratory at the time of the analysis to demonstrate acceptable method precision. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
  - The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
- E 1.7 Precision and Accuracy
  - Precision measures the reproducibility of repetitive measurements. In a laboratory environment, this will be measured by determining the RPD found between a primary and a duplicate sample. This can be an LCS/LCSD pair, an MS/MSD pair, a laboratory duplicate performed on a site sample, or a field duplicate collected and analyzed concurrently with a site sample.
  - Accuracy is a statistical measurement of the correctness of a measured value and includes components of random error (variability caused by imprecision) and systematic error. In a laboratory environment, this will be measured by determining the %R of certain spiked compounds. This can be assessed using LCS, blank spike (BS), MS, and/or surrogate recoveries.

4. Glossary

*Analyte names may be abbreviated for simplicity. Please refer to the laboratory report for the full analyte name.
Not all of the following symbols, acronyms, or qualifiers occur in this document.

- Sample Types:
  - EB Equipment Blank Sample
  - FB Field Blank Sample
  - FD Field Duplicate Sample
  - N Primary Sample
  - TB Trip Blank Sample
- Units:
  - ng/kg nanograms per kilogram
  - µg/L micrograms per liter
  - µg/m3 micrograms per cubic meter
  - mg/kg milligrams per kilogram
  - mg/L milligrams per liter
  - ppbv/v parts per billion volume/volume
  - pCi/L picocuries per liter
  - pg/g picograms per gram
  - pg/L picograms per liter
- Matrices:
  - AA Ambient Air
  - GS Soil Gas
  - GW/WG Groundwater
  - IA Indoor Air
  - SE Sediment
  - SO Soil
  - SSV Sub-slab Vapor
  - ST Solid Waste
  - WM Stormwater
  - WQ Water Quality control matrix
  - WS Surface Water
  - WW Waste Water
- Table Footnotes:
  - NA Not applicable
  - ND Non-detect
  - NR Not reported
- Common Symbols:
  - % percent
  - < less than
  - ≤ less than or equal to
  - > greater than
  - ≥ greater than or equal to
  - = equal
  - °C degrees Celsius
  - ± plus or minus
  - ~ approximately
  - x times (multiplier)
- Fractions:
  - N Normal (method cannot be filtered)
  - D Dissolved (filtered)
  - T Total (unfiltered)

5. Abbreviations

%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation
%v/v	Percent volume by volume
2s	2 sigma
4,4-DDT	4 4-dichlorodiphenyltrichloroethane
Abs Diff	Absolute Difference
amu	atomic mass unit
BPJ	Best Professional Judgement
BS	Blank Spike
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CCVL	Continuing Calibration Verification Low
COC	Chain of Custody
COM	Combined Isotope Calculation
Cr (VI)	Hexavalent Chromium
CRI	Collision Reaction Interface
DoD	Department of Defense
DQO	data quality objective
DUSR	Data Usability Summary Report
EIS	Extraction Internal Standard
EMPC	Estimated Maximum Possible Concentration
FBK	Field Blank Contamination
FDP	Field Duplicate
GC	Gas Chromatograph
GC/MS	Gas Chromatography/Mass Spectrometry
GPC	Gel Permeation Chromatography
H_2	Hydrogen gas
HCl	Hydrochloric Acid
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICP/MS	Inductively Coupled Plasma/Mass Spectrometry
ICV	Initial Calibration Verification
ICVL	Initial Calibration Verification Low
IPA	Isopropyl Alcohol
LC	Laboratory Control
LCS/LCSD	Laboratory Control Sample/Laboratory Control Sample Duplicate
MBK	Method Blank Contamination
MDC	Minimum Detectable Concentration
MDL	Laboratory Method Detection Limit
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NA	not applicable
ND	Non-Detect
NFG	National Functional Guidelines
NH_3	Ammonia
NYSDEC	New York State Department of Environmental Conservation
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PDS	Post-Digestion Spike
PEM	Performance Evaluation Mixture
PFAS	Per- and Polyfluoroalkyl Substances
PFBA	Perfluorobutanoic Acid
PFD	Perfluorodecalin
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctane sulfonate
PFPeA	Perfluoropentanoic Acid
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
R^2	R-squared value
Ra-226	Radium-226
Ra-228	Radium-228
RESC	Resolution Check Measure
RL	Laboratory Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
RT	Retention Time
SAP	Sampling Analysis Plan
SDG	Sample Delivery Group
SIM	Selected ion monitoring
SOP	Standard Operating Procedure
SPE	Solid-Phase Extraction
SVOC	Semi-Volatile Organic Compound
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TKN	Total Kjeldahl Nitrogen
TPH	Total Petroleum Hydrocarbon
TPU	Total Propagated Uncertainty
USEPA	U.S. Environmental Protection Agency
VOC	Volatile Organic Compound
WP	Work Plan

6. Qualifiers

The qualifiers below are from the USEPA NFG, and the data in the DUSR may contain these qualifiers:

- Concentration (C) Qualifiers:

  U — The compound was analyzed for but not detected. The associated value is either the compound quantitation limit if not detected by the analytical instrument or could be the reported or blank concentration if qualified by blank contamination. This can also be displayed as less than the associated compound quantitation limit (<RL or <MDL), or "ND."

  B — The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers:

  E — The compound was quantitated above the calibration range.

  D — The concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J — The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  J+ — The result is an estimated quantity, but the result may be biased high.

  J- — The result is an estimated quantity, but the result may be biased low.

  J/UJ — As listed in the exception tables, J applies to detected data and UJ applies to non-detected data as reported by the laboratory.

  UJ — The compound was not detected. The reported sample quantitation limit is approximate.

  NJ — The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is an estimated concentration only.

  R — The sample results were rejected as unusable; the compound may or may not be present in the sample.

  S — Result is suspect. See DUSR for details.

References

1. United States Environmental Protection Agency, 2014. Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15, SOP NO. HW-31, Revision 6. June.
2. United States Environmental Protection Agency, 2020. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-20-005. November.

From: Colby-George, Binks
To: nyenvedd@dec.ny.gov; paige.shovelton@dec.ny.gov
Cc: Munz, Keila; Forshay, Matt
Subject: Data Submittal 1885 Atlantic Ave - C224347 SV
Date: Monday, April 13, 2026 12:26:06 PM
Attachments: 20260413 1219.C224347.NYSDEC_v5_MERGE.zip

Hello,

Please see attached data submittal for 1885 Atlantic Ave – C224347. Submittal includes SV data from 2025.

Thanks,

Binks

Binks Colby-George
(He/Him/His)

Database Manager

Haley & Aldrich, Inc.
75 Washington Avenue, Suite 1A
Portland, Maine 04101

T: 207-482-4605
C: 207-318-4132

www.haleyaldrich.com

From: NYENVDATA@dec.ny.gov
To: Colby-George, Binks
Subject: Successfully loaded EDD (20260413 1215.C224347.NYSDEC_v5_MERGE.zip)
Date: Monday, April 13, 2026 12:50:25 PM
Attachments: 20260413 1215.C224347.NYSDEC_v5_MERGE.Commit.zip

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External Sender: Use extra caution with links and actions.

Data from '20260413 1215.C224347.NYSDEC_v5_MERGE.zip' has been successfully loaded into the database.

APPENDIX F
Groundwater Purge Logs

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Ave Post-Remedy Groundwater Sampling**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Ave, Brooklyn, NY**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**C. Evertz, Z. Richards**
CONTRACTOR	**N/A**	**DATE**	**3/14/2024**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-6**	**Well Volume:**	0.95 gallons	**Start Time:**	8:25
Well Depth:	58.34	**Equipment:**		**Sample Time:**	9:05
Depth to Water:	52.5				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, ms/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
8:25		15.16	1.67	0.82	6.99	-19	610.0	52.64
8:30		15.57	1.68	0.47	7.01	-27	521.0	52.64
8:35		16.10	1.68	0.13	7.02	-36	267.0	52.64
8:40		16.36	1.68	0.00	7.02	-36	208.0	52.64
8:45		16.54	1.67	0.00	7.02	-35	177.0	52.64
8:50		16.63	1.67	0.00	7.01	-34	138.0	52.64
8:55		16.66	1.66	0.00	7.01	-33	129.0	52.64
9:00		16.68	1.66	0.00	7.01	-32	130.0	52.64
9:05		16.67	1.67	0.00	7.01	-33	129.0	52.64

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Ave Post-Remedy Groundwater Sampling**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Ave, Brooklyn, NY**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**C. Evertz, Z. Richards**
CONTRACTOR	**N/A**	**DATE**	**3/14/2024**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-7**	**Well Volume:**	1.00 gallons	**Start Time:**	9:40
Well Depth:	58.9	**Equipment:**		**Sample Time:**	10:25
Depth to Water:	52.72				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, ms/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
9:40		15.43	2.76	1.80	7.08	100	467.0	52.73
9:45		15.31	2.78	1.98	7.08	110	359.0	52.73
9:50		15.15	2.82	2.36	7.09	120	303.0	52.73
9:55		15.00	2.86	2.79	7.1	128	284.0	52.73
10:00		15.03	2.96	3.43	7.11	139	282.0	52.73
10:05		15.05	3	3.68	7.12	143	226.0	52.73
10:10		15.05	3.06	3.98	7.13	153	196.0	52.73
10:15		15.00	3.1	4.12	7.13	157	184.0	52.73
10:20		14.88	3.13	4.01	7.13	159	188.0	52.73
10:25		14.84	3.22	4.01	7.13	162	190.0	52.73

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Ave Post-Remedy Groundwater Sampling**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Ave, Brooklyn, NY**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**C. Evertz, Z. Richards**
CONTRACTOR	**N/A**	**DATE**	**3/14/2024**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-8**	**Well Volume:**	.64 gallons	**Start Time:**	
Well Depth:	56.59	**Equipment:**		**Sample Time:**	
Depth to Water:	52.62				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, ms/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
10:55		14.08	2.26	5.82	7.27	92	119.0	52.75
11:00		14.07	2.18	5.88	7.22	65	64.6	52.75
11:05		14.15	2.18	5.93	7.26	48	55.1	52.75
11:10		0.64	2.2	5.98	7.29	37	51.8	52.75
11:15		14.26	2.24	5.73	7.3	33	47.1	52.75
11:20		14.26	2.26	5.62	7.3	31	47.0	52.75

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Ave Post-Remedy Groundwater Sampling**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Ave, Brooklyn, NY**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**N. Manzione, C. Lorthioir**
CONTRACTOR	**N/A**	**DATE**	**7/19/2024**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-6**	**Well Volume:**	3.2 gallons	**Start Time:**	14:05
Well Depth:	59.35	**Equipment:**	Bladder Pump & YSI	**Sample Time:**	14:50
Depth to Water:	52.18				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, ms/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
14:05	0.3	16.8	1.242	5.71	6.96	220.6	90.71	52.15
14:10	0.6	16.7	1.236	5.85	6.86	227.9	98.35	52.18
14:15	0.9	16.7	1.232	6.21	6.83	231.9	85.01	52.15
14:20	1.3	16.6	1.23	6.46	6.83	235.5	53.34	52.17
14:25	1.8	16.6	1.228	6.68	6.82	239.5	54.97	52.18
14:30	2.2	16.6	1.229	6.66	6.81	242.4	19.76	52.16
14:35	2.6	16.6	1.229	6.51	6.81	244.6	16.47	52.18
14:40	2.9	16.6	1.23	6.49	6.80	246.9	13.01	52.17
14:45	3.3	16.6	1.231	6.51	6.80	248.8	9.26	52.16

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Ave Post-Remedy Groundwater Sampling**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Ave, Brooklyn, NY**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**N. Manzione, C. Lorthioir**
CONTRACTOR	**N/A**	**DATE**	**7/19/2024**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-7**	**Well Volume:**	3.4 gallons	**Start Time:**	12:25
Well Depth:	59.3	**Equipment:**	Bladder Pump & YSI	**Sample Time:**	13:15
Depth to Water:	52.24				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, ms/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
12:25	0.1	17.4	2.064	6.34	7.69	211.6	61.95	52.25
12:30	0.4	17.0	2.074	5.73	7.46	219.9	38.24	52.24
12:35	0.7	16.8	2.079	5.63	7.33	226.1	22.23	52.24
12:40	1.0	16.8	2.082	5.61	7.24	231.6	23.70	52.24
12:45	1.3	16.8	2.081	5.53	7.19	235.5	12.26	52.25
12:50	1.8	16.8	2.080	5.49	7.16	238.7	10.82	52.24
12:55	2.1	16.8	2.076	5.52	7.13	241.7	7.85	52.24
13:00	2.5	16.7	2.073	5.43	7.11	244.9	7.62	52.24
13:05	2.8	16.7	2.074	5.42	7.09	247.3	3.98	52.24
13:10	3.1	16.7	2.072	5.66	7.08	249.8	1.34	52.24
13:15	3.6	16.7	2.069	5.60	7.08	252.1	0.57	52.24

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Ave Post-Remedy Groundwater Sampling**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Ave, Brooklyn, NY**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**N. Manzione, C. Lorthioir**
CONTRACTOR	**N/A**	**DATE**	**7/19/2024**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-8**	**Well Volume:**	2.50 gallons	**Start Time:**	9:20
Well Depth:	57.5	**Equipment:**	Bladder Pump & YSI	**Sample Time:**	10:25
Depth to Water:	52.24				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, ms/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
9:20	0.25	18.80	2.750	7.89	7.29	240.2	90.00	52.22
9:25	0..5	18.70	2.710	7.66	7.18	239.7	62.32	52.23
9:30	0.75	18.70	2.534	7.69	7.15	232.1	52.45	52.23
9:35	1.00	18.60	2.227	7.71	7.13	217.3	43.86	52.22
9:40	1.25	18.50	2.033	7.70	7.11	211.4	39.98	52.24
9:45	1.50	17.20	2.038	7.49	7.11	213.4	22.53	52.22
9:50	1.80	17.20	2.045	7.36	7.09	217.0	12.96	52.22
9:55	2.10	17.20	2.043	7.28	7.08	219.5	9.91	52.23
10:00	2.40	17.20	2.039	7.24	7.08	222.7	4.22	52.23
10:05	2.60	17.20	2.036	7.20	7.07	225.0	3.44	52.23
10:10	2.80	17.20	2.033	7.17	7.07	227.7	0.55	52.23
10:15	3.10	17.20	2.033	7.21	7.07	231.6	0.00	52.23

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Avenue**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**A. Stewart**
CONTRACTOR	**H & A of New York Engineering and Geology, LLP**	**DATE**	**9/10/2024**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-06**	**Well Volume:**	1.13 gallons	**Start Time:**	10:45
Well Depth:	59.2 ft	**Equipment:**	**Monsoon Pump, Horiba U-52**	**Sample Time:**	11:55
Depth to Water:	52.66 ft				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, us/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
1045	0.5	19.84	1.28	3.31	7.52	96	902	52.35
1050	0.75	19.95	1.28	2.01	7.31	96	645	52.3
1055	1	19.96	1.28	1.98	7.29	96	619	52.34
1100	1.25	19.96	1.28	1.97	7.29	97	594	52.35
1115	1.5	19.96	1.28	1.72	7.3	96	550	52.36
1120	1.75	19.9	1.27	0.78	7.24	99	530	52.35
1125	2	19.64	1.26	0.81	7.14	104	269	52.3
1130	2.25	19.72	1.26	0.075	7.08	111	99	52.35
1135	2.5	19.77	1.25	0.075	7.08	111	89	52.35
1140	2.75	19.49	1.25	0	7.06	111	38	52.36
1145	3	19.55	1.25	0.01	7.07	111	35	52.36
1150	3.25	19.54	1.24	0	7.07	115	36	52.36

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Avenue**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**A. Stewart**
CONTRACTOR	**H & A of New York Engineering and Geology, LLP**	**DATE**	**9/10/2024**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-07**	**Well Volume:**	1.22 gallons	**Start Time:**	12:20
Well Depth:	59.8 ft	**Equipment:**	**Monsoon Pump, Horiba U-52**	**Sample Time:**	13:10
Depth to Water:	52.3 ft				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, us/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
1220	0.25	18.81	1.97	5.35	7.11	134	402	52.3
1225	0.5	18.38	2.01	2.05	7.36	131	350	52.35
1230	0.75	18.4	2	2.06	7.3	130	268	52.32
1235	1	18.48	2.05	2.01	7.21	129	241	52.3
1240	1.25	19.79	2.07	1.59	7.39	122	130	52.35
1245	1.5	19.77	2.12	0.68	7.37	121	98	52.3
1250	1.75	19.95	2.13	0.97	7.39	116	64.2	52.32
1255	2	19.89	2.13	0.61	7.4	112	45.6	52.35
1300	2.25	19.3	2.13	0.04	7.41	112	41.2	52.35
1305	2.5	19.26	2.13	0.03	7.4	112	42.7	52.3
1310	2.75	19.32	2.13	0.05	7.4	111	41.5	52.3

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Avenue**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**A. Stewart**
CONTRACTOR	**H & A of New York Engineering and Geology, LLP**	**DATE**	**9/10/2024**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-08**	**Well Volume:**	0.81 gallons	**Start Time:**	13:25
Well Depth:	57.3 ft	**Equipment:**	**Monsoon Pump, Horiba U-52**	**Sample Time:**	14:00
Depth to Water:	52.32 ft				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, us/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
1325	0.25	18.55	1.88	4.14	7.59	102	90.6	52.35
1330	0.5	18.3	1.91	3.21	7.46	98	40.5	52.36
1335	0.75	18.28	1.91	3.1	7.45	96	21.5	52.36
1340	1	18.07	1.89	1.81	7.42	93	21.5	52.37
1345	1.25	18.06	1.89	1.77	7.42	93	20.6	52.38
1350	1.5	18.09	1.9	1.7	7.42	101	16.7	52.36
1355	1.75	18.09	1.89	1.65	7.38	100	16.6	52.37
1400	2	18.08	1.91	1.62	7.4	99	16.5	52.38

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Ave Post-Remedy Groundwater Sampling**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Ave, Brooklyn, NY**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**C. Evertz, Z. Richards**
CONTRACTOR	**N/A**	**DATE**	**3/12/2025**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-6**	**Well Volume:**	0.95 gallons	**Start Time:**	8:25
Well Depth:	58.34	**Equipment:**		**Sample Time:**	9:05
Depth to Water:	52.5				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, ms/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
8:25		15.16	1.67	0.82	6.99	-19	610.0	52.64
8:30		15.57	1.68	0.47	7.01	-27	521.0	52.64
8:35		16.10	1.68	0.13	7.02	-36	267.0	52.64
8:40		16.36	1.68	0.00	7.02	-36	208.0	52.64
8:45		16.54	1.67	0.00	7.02	-35	177.0	52.64
8:50		16.63	1.67	0.00	7.01	-34	138.0	52.64
8:55		16.66	1.66	0.00	7.01	-33	129.0	52.64
9:00		16.68	1.66	0.00	7.01	-32	130.0	52.64
9:05		16.67	1.67	0.00	7.01	-33	129.0	52.64

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Ave Post-Remedy Groundwater Sampling**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Ave, Brooklyn, NY**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**C. Evertz, Z. Richards**
CONTRACTOR	**N/A**	**DATE**	**3/12/2025**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-7**	**Well Volume:**	1.00 gallons	**Start Time:**	9:40
Well Depth:	58.9	**Equipment:**		**Sample Time:**	10:25
Depth to Water:	52.72				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, ms/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
9:40		15.43	2.76	1.80	7.08	100	467.0	52.73
9:45		15.31	2.78	1.98	7.08	110	359.0	52.73
9:50		15.15	2.82	2.36	7.09	120	303.0	52.73
9:55		15.00	2.86	2.79	7.1	128	284.0	52.73
10:00		15.03	2.96	3.43	7.11	139	282.0	52.73
10:05		15.05	3	3.68	7.12	143	226.0	52.73
10:10		15.05	3.06	3.98	7.13	153	196.0	52.73
10:15		15.00	3.1	4.12	7.13	157	184.0	52.73
10:20		14.88	3.13	4.01	7.13	159	188.0	52.73
10:25		14.84	3.22	4.01	7.13	162	190.0	52.73

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Ave Post-Remedy Groundwater Sampling**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Ave, Brooklyn, NY**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**C. Evertz, Z. Richards**
CONTRACTOR	**N/A**	**DATE**	**3/12/2025**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-8**	**Well Volume:**	.64 gallons	**Start Time:**	
Well Depth:	56.59	**Equipment:**		**Sample Time:**	
Depth to Water:	52.62				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, ms/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
10:55		14.08	2.26	5.82	7.27	92	119.0	52.75
11:00		14.07	2.18	5.88	7.22	65	64.6	52.75
11:05		14.15	2.18	5.93	7.26	48	55.1	52.75
11:10		0.64	2.2	5.98	7.29	37	51.8	52.75
11:15		14.26	2.24	5.73	7.3	33	47.1	52.75
11:20		14.26	2.26	5.62	7.3	31	47.0	52.75

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Avenue**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**M. Sanchez**
CONTRACTOR	**H & A of New York Engineering and Geology, LLP**	**DATE**	**5/1/2025**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-06**	**Well Volume:**	0.89 gallons	**Start Time:**	13:05
Well Depth:	59.0 ft	**Equipment:**	**Bladder pump, YSI**	**Sample Time:**	14:15
Depth to Water:	53.49 ft				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, us/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
13:05	0	16.6	1.267	4.79	7.2	197	129.71	53.49
13:10	0.25	16.5	1.267	4.16	7.13	202.7	136.39	53.49
13:15	0.5	16.7	1.272	4.02	7.11	203.6	138.9	53.48
13:20	0.75	16.7	1.276	4.02	7.11	203.6	138.1	53.47
13:25	1	16.5	1.274	3.93	7.11	203.5	142.3	53.48
13:30	1.5	16.5	1.273	3.82	7.1	202.9	142.39	53.49
13:35	1.75	16.5	1.267	3.77	7.09	202.3	144.96	53.45
13:40	2.25	16.5	1.269	3.74	7.09	202.2	145.3	53.48
13:45	2.5	16.5	1.257	3.73	7.09	201.8	146.37	53.48
13:50	2.75	16.5	1.259	3.71	7.08	201.5	146.54	53.48
13:55	3	16.5	1.245	3.66	7.08	200.9	146.5	53.5
14:00	3.5	16.5	1.262	3.92	7.12	198.1	146.66	53.45
14:05	3.75	16.5	1.261	3.82	7.08	200.3	146.51	53.45
14:10	4	16.5	1.253	3.73	7.07	201	147.23	53.43

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Avenue**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**M. Sanchez**
CONTRACTOR	**H & A of New York Engineering and Geology, LLP**	**DATE**	**5/1/2025**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-07**	**Well Volume:**	0.98 gallons	**Start Time:**	15:13
Well Depth:	59.54 ft	**Equipment:**	**Bladder pump, YSI**	**Sample Time:**	15:55
Depth to Water:	53.50 ft				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, us/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
15:13	0	17.1	1.436	6.6	7.35	188.1	112.56	59.54
15:18	0.5	16.4	1.501	2.91	7.16	126.9	189.9	59.54
15:23	0.8	16.4	1.532	2.63	7.12	188.4	141.37	59.54
15:28	1.25	16.4	1.563	2.67	7.08	185.6	145.83	59.54
15:33	1.5	16.4	1.589	2.86	7.05	183.3	147.61	59.51
15:38	2	16.4	1.601	2.87	7.04	181.2	148.11	59.5
15:43	2.45	16.4	1.604	2.83	7.04	178.2	148.19	59.5
15:48	2.75	16.4	1.613	2.84	7.02	175.6	148.21	59.49
15:53	3	16.4	1.618	2.85	7.02	174.4	148.2	59.45

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Avenue**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**M. Sanchez**
CONTRACTOR	**H & A of New York Engineering and Geology, LLP**	**DATE**	**5/1/2025**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-08**	**Well Volume:**	0.57 gallons	**Start Time:**	16:17
Well Depth:	57 ft	**Equipment:**	**Bladder pump, YSI**	**Sample Time:**	16:40
Depth to Water:	53.48 ft				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, us/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
16:17	0	16.7	1.400	7.17	7.42	151.2	64.11	53.48
16:22	0.5	16.2	1.326	5.66	7.31	156.4	98.83	53.49
16:27	1	16.2	1.310	4.95	7.23	159.3	135.13	53.46
16:32	1.25	16.2	1.308	4.80	7.21	159.4	143.16	53.41
16:37	1.75	16.2	1.308	4.62	7.19	158.8	146.09	53.41

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Avenue**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**Z. Richards**
CONTRACTOR	**H & A of New York Engineering and Geology, LLP**	**DATE**	**8/15/2025**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-06**	**Well Volume:**	0.83 gallons	**Start Time:**	9:20
Well Depth:	58.85 ft	**Equipment:**	**Bladder pump, YSI**	**Sample Time:**	10:05
Depth to Water:	53.74 ft				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, us/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
9:20	0	19	1.455	5.24	6.92	9.2	487	53.71
9:25	0.25	17.7	1.469	4.65	6.86	35.5	1250	53.71
9:30	0.5	17.7	1.461	6.04	6.86	48.7	1158	53.71
9:35	0.75	17.4	1.477	4.35	6.85	54	567	53.71
9:40	1	17.4	1.476	4.37	6.85	54.5	419	53.71
9:45	1.25	17.4	1.46	4.32	6.85	55.9	220	53.71
9:50	1.5	17.4	1.447	4.29	6.85	56.5	110.02	53.71
9:55	1.75	17.4	1.436	4.25	6.85	57.2	53.81	53.71
10:00	2	17.4	1.430	4.23	6.84	57.8	36.32	53.71

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Avenue**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**Z. Richards**
CONTRACTOR	**H & A of New York Engineering and Geology, LLP**	**DATE**	**8/15/2025**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-07**	**Well Volume:**	0.93 gallons	**Start Time:**	10:50
Well Depth:	59.40 ft	**Equipment:**	**Bladder pump, YSI**	**Sample Time:**	11:50
Depth to Water:	53.72 ft				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, us/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
10:50	0	19	1.4	4.20	7.04	-6.3	75.02	53.7
10:55	0.25	17.7	1.402	3.30	7.02	10.2	89.65	53.7
11:00	0.5	17.6	1.401	3.16	7.01	14.1	94.66	53.7
11:05	0.75	17.6	1.402	3.11	7.01	15.7	89.22	53.7
11:10	1	17.6	1.401	3.06	7.00	17	84.45	53.7
11:15	1.25	17.6	1.401	3.03	6.99	18.5	78.01	53.7
11:20	1.5	17.6	1.399	2.99	6.99	19.5	76.22	53.7
11:25	1.75	17.6	1.393	2.94	6.99	20	77.69	53.7
11:30	2	17.6	1.394	2.88	6.99	20	77.19	53.7
11:35	2.25	17.6	1.391	2.83	6.99	19.4	82.36	53.7
11:40	2.5	17.6	1.390	2.79	6.99	20.1	82.92	53.7
11:45	2.75	17.5	1.390	2.77	6.99	20.6	91.87	53.7

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Avenue**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**Z. Richards**
CONTRACTOR	**H & A of New York Engineering and Geology, LLP**	**DATE**	**8/15/2025**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-08**	**Well Volume:**	0.47 gallons	**Start Time:**	12:30
Well Depth:	56.64 ft	**Equipment:**	**Bladder pump, YSI**	**Sample Time:**	13:05
Depth to Water:	53.73 ft				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, us/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
12:30	0	18.1	1.175	5.66	6.96	20.1	334.22	53.7
12:35	0.25	17.8	1.157	5.55	6.96	26.4	315.79	53.7
12:40	0.5	17.7	1.167	5.22	6.94	30.7	278.28	53.7
12:45	0.75	17.5	1.171	4.92	6.93	32.9	323.75	53.7
12:50	1	17.7	1.173	4.96	6.93	36	326.34	53.7
12:55	1.25	17.4	1.167	4.78	6.93	36.8	325.23	53.7
13:00	1.5	17.4	1.17	4.86	6.91	42	1.7	53.7

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**205125**
LOCATION	**1885 Atlantic Avenue, Brooklyn NY**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**O. Colon**
CONTRACTOR		**DATE**	**12/11/2025**

GROUNDWATER SAMPLING INFORMATION

Well ID:	MW-6	**Well Volume (gal):**	0.86	**Start Time:**	1325
Well Depth:	59.53 ft	**Equipment:**	QED Bladder pump Horiba	**Sample Time:**	1400
Depth to Water:	54.26 ft				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, ms/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
1325	-	15.0	1.481	6.31	7	163.7	1000	54.26
1330	0.5	15.2	1.369	4.29	7.12	56.1	1000	54.21
1335	0.9	15.5	1.351	4.12	6.98	54.8	532	54.18
1340	1.25	16.1	1.349	2.94	6.91	57.2	249	54.18
1345	1.5	16.2	1.343	2.41	9.88	60.8	111	54.19
1350	1.8	16.2	1.343	2.22	6.87	61.2	75.2	54.20
1355	2.1	16.2	1.340	2.29	6.87	61.5	30.3	54.20
1400	2.5	16.2	1.340	2.21	6.87	61.1	30.1	54.20

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**205125**
LOCATION	**1885 Atlantic Avenue, Brooklyn NY**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**O. Colon**
CONTRACTOR		**DATE**	**12/11/2025**

GROUNDWATER SAMPLING INFORMATION

Well ID:	MW-7	**Well Volume (gal):**	0.95	**Start Time:**	1045
Well Depth:	60.04 ft	**Equipment:**	QED Bladder pump Horiba	**Sample Time:**	1135
Depth to Water:	54.21 ft			**MS/MSD:**	1140

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, ms/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
1045	-	16.8	1.429	3.86	7.01	16.1	114	53.96
1050	0.3	16.3	1.437	2.93	7.01	17.5	101	53.95
1055	0.5	16.2	1.460	2.62	7.00	48.2	74.2	54.06
1100	0.8	16.2	1.433	2.17	7.00	53.1	86.4	54.10
1105	1.2	16.1	1.426	2.14	7.00	21.5	81.1	54.10
1110	1.5	16.1	1.420	2.11	6.98	23.6	83.2	54.10
1115	1.8	16.1	1.384	2.11	6.98	16.4	72.8	54.10
1120	2.2	16.1	1.384	2.11	6.98	18.2	72.1	54.10
1125	2.5	16.1	1.384	2.11	6.98	19.3	70.6	54.10
1130	3	16.1	1.384	2.11	6.98	18.1	74.9	54.10
1135	3.25	16.1	1.384	2.11	6.98	20.2	76.4	54.10
1140	3.5	16.1	1.382	2.10	6.98	20	71.8	54.10

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**205125**
LOCATION	**1885 Atlantic Avenue, Brooklyn NY**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**O. Colon**
CONTRACTOR		**DATE**	**12/11/2025**

GROUNDWATER SAMPLING INFORMATION

Well ID:	MW-8	**Well Volume (gal):**	0.55	**Start Time:**	1230
Well Depth:	57.63 ft	**Equipment:**	QED Bladder pump Horiba	**Sample Time:**	1305
Depth to Water:	54.25 ft			**DUP:**	1310

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, ms/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
1230	-	15.3	1.230	4.21	7.1	112.6	49.8	
1235	0.25	15.8	1.164	3.93	6.93	59.4	36.2	
1240	0.5	15.8	1.125	3.75	6.91	44.7	36.1	
1245	0.75	15.8	1.130	3.72	6.91	36.8	42.5	
1250	1.0	15.8	1.133	3.70	6.93	41.9	44.9	
1255	1.25	15.8	1.129	3.70	6.93	33.8	29.6	
1300	1.5	15.8	1.126	3.71	6.93	33.7	23.5	
1305	1.75	15.8	1.240	3.70	6.93	33.2	25.3	

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Avenue**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**S. Greco**
CONTRACTOR	**H & A of New York Engineering and Geology, LLP**	**DATE**	**1/29/2026**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-06**	**Well Volume:**	gallons	**Start Time:**	12:10
Well Depth:	59.30 ft	**Equipment:**	**Monsoon pump, horiba**	**Sample Time:**	12:55
Depth to Water:	54.4 ft				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, us/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
12:12	0.2	15.9	1.14	3.05	7.48	211	1000	54.44
12:17	0.5	17.3	1.15	2.25	7.31	152	1000	54.45
12:22	1.25	18.52	1.14	2.31	7.28	113	627	54.44
12:27	2.25	18.15	1.14	1.97	7.25	152	220	54.4
12:32	2.75	18.47	1.13	1.9	7.24	161	604	54.45
12:37	3	18.11	1.15	1.78	7.27	165	49.5	54.46
12:42	3.25	18.3	1.14	1.77	7.23	147	32.6	54.46
12:49	3.5	18.16	1.12	1.77	7.23	147	31.2	54.44
12:54	3.75	18.15	1.120	1.76	7.22	147	31	54.44

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Avenue**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**S. Greco**
CONTRACTOR	**H & A of New York Engineering and Geology, LLP**	**DATE**	**1/29/2026**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-07**	**Well Volume:**	gallons	**Start Time:**	13:19
Well Depth:	59.80 ft	**Equipment:**	**Monsoon pump, horiba**	**Sample Time:**	13:52
Depth to Water:	55.45 ft				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, us/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
13:19	0.25	15.57	1.29	0.00	7.37	218	1000	55.45
13:24	1	17.99	1.3	2.21	7.27	171	1000	55.5
13:29	1.5	18.27	1.33	2	7.26	161	380	55.52
13:32	2	18.33	1.34	0	7.26	166	146	55.45
13:37	2.3	18.32	1.35	0	7.27	170	82.4	55.5
13:42	2.75	18.44	1.36	0	7.27	173	36.4	55.45
13:47	2.9	18.43	1.37	0	7.27	178	26.1	55.45
13:52	3.2	18.43	1.37	0	7.27	178	21.2	55.45

LOW-FLOW GROUNDWATER SAMPLING RECORD

PROJECT	**1885 Atlantic Avenue**	**H&A FILE NO.**	**0205125**
LOCATION	**1885 Atlantic Avenue**	**PROJECT MGR.**	**M. Levy**
CLIENT		**FIELD REP**	**S. Greco**
CONTRACTOR	**H & A of New York Engineering and Geology, LLP**	**DATE**	**1/29/2026**

GROUNDWATER SAMPLING INFORMATION

Well ID:	**MW-08**	**Well Volume:**	gallons	**Start Time:**	11:06
Well Depth:	57 ft	**Equipment:**	**Monsoon pump, horiba**	**Sample Time:**	
Depth to Water:	55.4 ft				

Time	Volume purged, gallons	Temp, C (+/-3%)	Conductivity, us/cm (+/- 3%)	Dissolved Oxygen, mg/L (+/- 10%)	pH (+/-0.1)	ORP/eH, mv (+/-10mv)	Turbidity, NTU (<5 NTU)	Depth to Water (ft)
11:06	0.5	11.46	1.120	1.28	7.46	171	1000	55.43
11:12	0.75	16.89	1.01	1.13	7.35	93	254	55.4
11:16	1.25	17.2	1.020	1.48	7.34	95	64.2	55.43
11:21	2	17.43	1.03	1.43	7.34	108	24.1	
11:26	2.5	17.38	1.25	1.36	7.34	119	8.6	

Monsoon pump was clogged with sand, used bailer to pump 12 gallons before sampling

APPENDIX G
Groundwater Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich, Inc.
213 West 35th St
New York NY 10001

Generated 3/20/2024 1:03 PM

JOB DESCRIPTION

1885 Atlantic Avenue, Brooklyn

JOB NUMBER

460-300167-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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Authorization

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CASE NARRATIVE

Client: Haley & Aldrich, Inc.

Project: 1885 Atlantic Avenue, Brooklyn

Report Number: 460-300167-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 3/14/2024 8:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.8º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples MW-06_20240314 (460-300167-1), MW-07_20240314 (460-300167-2), MW-08_20240314 (460-300167-3), TB-01_20240314 (460-300167-4), FB-01_20240314 (460-300167-5) and DUP-01_20240314 (460-300167-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 03/19/2024.

The continuing calibration verification (CCV) analyzed in batch 460-964707 was outside the method criteria for the following analyte(s): 1,1-Dichloroethane (biased high) and Methyl acetate (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) for analytical batch 460-964707 recovered outside control limits for the following analyte: Methylene Chloride. This analyte was biased high in the LCS and was within control limits in the LCSD. The data has been flagged and reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-964707 recovered outside control limits for the following analyte: Methylene Chloride.

Methylene Chloride failed the recovery criteria high for the MSD of sample MW-06_20240314MSD (460-300167-1) in batch 460-964707. Bromomethane exceeded the RPD limit.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-300167-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-300167-1	MW-06_20240314	Water	03/14/24 09:05	03/14/24 20:00
460-300167-2	MW-07_20240314	Water	03/14/24 10:25	03/14/24 20:00
460-300167-3	MW-08_20240314	Water	03/14/24 11:25	03/14/24 20:00
460-300167-4	TB-01_20240314	Water	03/14/24 11:25	03/14/24 20:00
460-300167-5	FB-01_20240314	Water	03/14/24 07:00	03/14/24 20:00
460-300167-6	DUP-01_20240314	Water	03/14/24 09:15	03/14/24 20:00

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-300167-1

Client Sample ID: MW-06_20240314 — Lab Sample ID: 460-300167-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.3		1.0	0.37	ug/L	1		8260D	Total/NA
1,3,5-Trimethylbenzene	1.0		1.0	0.33	ug/L	1		8260D	Total/NA
Chloroform	0.54	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.45	J	1.0	0.22	ug/L	1		8260D	Total/NA
n-Butylbenzene	0.57	J	1.0	0.32	ug/L	1		8260D	Total/NA
N-Propylbenzene	0.52	J	1.0	0.32	ug/L	1		8260D	Total/NA
Tetrachloroethene	52		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.88	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-07_20240314 — Lab Sample ID: 460-300167-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.87	J	1.0	0.33	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.82	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	26		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: MW-08_20240314 — Lab Sample ID: 460-300167-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	8.2		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: TB-01_20240314 — Lab Sample ID: 460-300167-4

No Detections.

Client Sample ID: FB-01_20240314 — Lab Sample ID: 460-300167-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.7	*	1.0	0.32	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-01_20240314 — Lab Sample ID: 460-300167-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.7		1.0	0.37	ug/L	1		8260D	Total/NA
1,3,5-Trimethylbenzene	1.1		1.0	0.33	ug/L	1		8260D	Total/NA
Chloroform	0.55	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.35	J	1.0	0.22	ug/L	1		8260D	Total/NA
n-Butylbenzene	0.82	J	1.0	0.32	ug/L	1		8260D	Total/NA
N-Propylbenzene	0.56	J	1.0	0.32	ug/L	1		8260D	Total/NA
Tetrachloroethene	57		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.93	J	1.0	0.31	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-300167-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: MW-06_20240314
Date Collected: 03/14/24 09:05
Date Received: 03/14/24 20:00

Lab Sample ID: 460-300167-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/19/24 04:58	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/19/24 04:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/19/24 04:58	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/19/24 04:58	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/19/24 04:58	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/19/24 04:58	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/19/24 04:58	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/19/24 04:58	1
1,2,4-Trimethylbenzene	**2.3**		1.0	0.37	ug/L			03/19/24 04:58	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/19/24 04:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/19/24 04:58	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/19/24 04:58	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/19/24 04:58	1
1,3,5-Trimethylbenzene	**1.0**		1.0	0.33	ug/L			03/19/24 04:58	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/19/24 04:58	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/19/24 04:58	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/19/24 04:58	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/19/24 04:58	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/19/24 04:58	1
Acetone	5.0	U	5.0	4.4	ug/L			03/19/24 04:58	1
Benzene	1.0	U	1.0	0.20	ug/L			03/19/24 04:58	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/19/24 04:58	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/19/24 04:58	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/19/24 04:58	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/19/24 04:58	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/19/24 04:58	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/19/24 04:58	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/19/24 04:58	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/19/24 04:58	1
Chloroform	**0.54**	**J**	1.0	0.33	ug/L			03/19/24 04:58	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/19/24 04:58	1
cis-1,2-Dichloroethene	**0.45**	**J**	1.0	0.22	ug/L			03/19/24 04:58	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/19/24 04:58	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/19/24 04:58	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/19/24 04:58	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/19/24 04:58	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/19/24 04:58	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/19/24 04:58	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/19/24 04:58	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/19/24 04:58	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/19/24 04:58	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/19/24 04:58	1
Methylene Chloride	1.0	U *	1.0	0.32	ug/L			03/19/24 04:58	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/19/24 04:58	1
n-Butylbenzene	**0.57**	**J**	1.0	0.32	ug/L			03/19/24 04:58	1
N-Propylbenzene	**0.52**	**J**	1.0	0.32	ug/L			03/19/24 04:58	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/19/24 04:58	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/19/24 04:58	1
Styrene	1.0	U	1.0	0.42	ug/L			03/19/24 04:58	1

Client Sample ID: MW-06_20240314 Lab Sample ID: 460-300167-1

Date Collected: 03/14/24 09:05 **Matrix: Water**
Date Received: 03/14/24 20:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/19/24 04:58	1
Tetrachloroethene	**52**		1.0	0.25	ug/L			03/19/24 04:58	1
Toluene	1.0	U	1.0	0.38	ug/L			03/19/24 04:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/19/24 04:58	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/19/24 04:58	1
Trichloroethene	**0.88**	**J**	1.0	0.31	ug/L			03/19/24 04:58	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/19/24 04:58	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/19/24 04:58	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/19/24 04:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*03/19/24 04:58*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*03/19/24 04:58*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*03/19/24 04:58*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/19/24 04:58*	*1*

Client Sample ID: MW-07_20240314 Lab Sample ID: 460-300167-2

Date Collected: 03/14/24 10:25 **Matrix: Water**
Date Received: 03/14/24 20:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/19/24 05:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/19/24 05:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/19/24 05:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/19/24 05:49	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/19/24 05:49	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/19/24 05:49	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/19/24 05:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/19/24 05:49	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/19/24 05:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/19/24 05:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/19/24 05:49	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/19/24 05:49	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/19/24 05:49	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/19/24 05:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/19/24 05:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/19/24 05:49	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/19/24 05:49	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/19/24 05:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/19/24 05:49	1
Acetone	5.0	U	5.0	4.4	ug/L			03/19/24 05:49	1
Benzene	1.0	U	1.0	0.20	ug/L			03/19/24 05:49	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/19/24 05:49	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/19/24 05:49	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/19/24 05:49	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/19/24 05:49	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/19/24 05:49	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/19/24 05:49	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/19/24 05:49	1

Client Sample ID: MW-07_20240314 Lab Sample ID: 460-300167-2

Date Collected: 03/14/24 10:25 **Matrix: Water**
Date Received: 03/14/24 20:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			03/19/24 05:49	1
Chloroform	**0.87**	**J**	1.0	0.33	ug/L			03/19/24 05:49	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/19/24 05:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/19/24 05:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/19/24 05:49	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/19/24 05:49	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/19/24 05:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/19/24 05:49	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/19/24 05:49	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/19/24 05:49	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/19/24 05:49	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/19/24 05:49	1
Methyl tert-butyl ether	**0.82**	**J**	1.0	0.22	ug/L			03/19/24 05:49	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/19/24 05:49	1
Methylene Chloride	1.0	U *	1.0	0.32	ug/L			03/19/24 05:49	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/19/24 05:49	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/19/24 05:49	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/19/24 05:49	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/19/24 05:49	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/19/24 05:49	1
Styrene	1.0	U	1.0	0.42	ug/L			03/19/24 05:49	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/19/24 05:49	1
Tetrachloroethene	**26**		1.0	0.25	ug/L			03/19/24 05:49	1
Toluene	1.0	U	1.0	0.38	ug/L			03/19/24 05:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/19/24 05:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/19/24 05:49	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			03/19/24 05:49	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/19/24 05:49	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/19/24 05:49	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/19/24 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 128*		*03/19/24 05:49*	*1*
4-Bromofluorobenzene	*88*		*76 - 120*		*03/19/24 05:49*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*03/19/24 05:49*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/19/24 05:49*	*1*

Client Sample ID: MW-08_20240314 Lab Sample ID: 460-300167-3

Date Collected: 03/14/24 11:25 **Matrix: Water**
Date Received: 03/14/24 20:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/19/24 05:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/19/24 05:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/19/24 05:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/19/24 05:23	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/19/24 05:23	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/19/24 05:23	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/19/24 05:23	1

Client Sample ID: MW-08_20240314
Date Collected: 03/14/24 11:25
Date Received: 03/14/24 20:00

Lab Sample ID: 460-300167-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/19/24 05:23	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/19/24 05:23	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/19/24 05:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/19/24 05:23	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/19/24 05:23	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/19/24 05:23	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/19/24 05:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/19/24 05:23	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/19/24 05:23	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/19/24 05:23	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/19/24 05:23	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/19/24 05:23	1
Acetone	5.0	U	5.0	4.4	ug/L			03/19/24 05:23	1
Benzene	1.0	U	1.0	0.20	ug/L			03/19/24 05:23	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/19/24 05:23	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/19/24 05:23	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/19/24 05:23	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/19/24 05:23	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/19/24 05:23	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/19/24 05:23	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/19/24 05:23	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/19/24 05:23	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/19/24 05:23	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/19/24 05:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/19/24 05:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/19/24 05:23	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/19/24 05:23	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/19/24 05:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/19/24 05:23	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/19/24 05:23	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/19/24 05:23	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/19/24 05:23	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/19/24 05:23	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/19/24 05:23	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/19/24 05:23	1
Methylene Chloride	1.0	U *	1.0	0.32	ug/L			03/19/24 05:23	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/19/24 05:23	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/19/24 05:23	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/19/24 05:23	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/19/24 05:23	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/19/24 05:23	1
Styrene	1.0	U	1.0	0.42	ug/L			03/19/24 05:23	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/19/24 05:23	1
Tetrachloroethene	**8.2**		1.0	0.25	ug/L			03/19/24 05:23	1
Toluene	1.0	U	1.0	0.38	ug/L			03/19/24 05:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/19/24 05:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/19/24 05:23	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			03/19/24 05:23	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/19/24 05:23	1

Client Sample ID: MW-08_20240314 — Lab Sample ID: 460-300167-3

Date Collected: 03/14/24 11:25 — **Matrix: Water**
Date Received: 03/14/24 20:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/19/24 05:23	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/19/24 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*		*03/19/24 05:23*	*1*
4-Bromofluorobenzene	*77*		*76 - 120*		*03/19/24 05:23*	*1*
Dibromofluoromethane (Surr)	*90*		*77 - 132*		*03/19/24 05:23*	*1*
Toluene-d8 (Surr)	*86*		*80 - 120*		*03/19/24 05:23*	*1*

Client Sample ID: TB-01_20240314 — Lab Sample ID: 460-300167-4

Date Collected: 03/14/24 11:25 — **Matrix: Water**
Date Received: 03/14/24 20:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/19/24 01:11	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/19/24 01:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/19/24 01:11	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/19/24 01:11	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/19/24 01:11	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/19/24 01:11	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/19/24 01:11	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/19/24 01:11	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/19/24 01:11	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/19/24 01:11	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/19/24 01:11	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/19/24 01:11	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/19/24 01:11	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/19/24 01:11	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/19/24 01:11	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/19/24 01:11	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/19/24 01:11	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/19/24 01:11	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/19/24 01:11	1
Acetone	5.0	U	5.0	4.4	ug/L			03/19/24 01:11	1
Benzene	1.0	U	1.0	0.20	ug/L			03/19/24 01:11	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/19/24 01:11	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/19/24 01:11	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/19/24 01:11	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/19/24 01:11	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/19/24 01:11	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/19/24 01:11	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/19/24 01:11	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/19/24 01:11	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/19/24 01:11	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/19/24 01:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/19/24 01:11	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/19/24 01:11	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/19/24 01:11	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/19/24 01:11	1

Client Sample ID: TB-01_20240314
Lab Sample ID: 460-300167-4
Date Collected: 03/14/24 11:25
Matrix: Water
Date Received: 03/14/24 20:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/19/24 01:11	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/19/24 01:11	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/19/24 01:11	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/19/24 01:11	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/19/24 01:11	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/19/24 01:11	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/19/24 01:11	1
Methylene Chloride	1.0	U *	1.0	0.32	ug/L			03/19/24 01:11	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/19/24 01:11	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/19/24 01:11	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/19/24 01:11	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/19/24 01:11	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/19/24 01:11	1
Styrene	1.0	U	1.0	0.42	ug/L			03/19/24 01:11	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/19/24 01:11	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			03/19/24 01:11	1
Toluene	1.0	U	1.0	0.38	ug/L			03/19/24 01:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/19/24 01:11	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/19/24 01:11	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			03/19/24 01:11	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/19/24 01:11	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/19/24 01:11	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/19/24 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*		*03/19/24 01:11*	*1*
4-Bromofluorobenzene	*91*		*76 - 120*		*03/19/24 01:11*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 132*		*03/19/24 01:11*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/19/24 01:11*	*1*

Client Sample ID: FB-01_20240314
Lab Sample ID: 460-300167-5
Date Collected: 03/14/24 07:00
Matrix: Water
Date Received: 03/14/24 20:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/19/24 00:46	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/19/24 00:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/19/24 00:46	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/19/24 00:46	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/19/24 00:46	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/19/24 00:46	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/19/24 00:46	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/19/24 00:46	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/19/24 00:46	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/19/24 00:46	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/19/24 00:46	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/19/24 00:46	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/19/24 00:46	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/19/24 00:46	1

Client Sample ID: FB-01_20240314
Date Collected: 03/14/24 07:00
Date Received: 03/14/24 20:00

Lab Sample ID: 460-300167-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/19/24 00:46	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/19/24 00:46	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/19/24 00:46	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/19/24 00:46	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/19/24 00:46	1
Acetone	5.0	U	5.0	4.4	ug/L			03/19/24 00:46	1
Benzene	1.0	U	1.0	0.20	ug/L			03/19/24 00:46	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/19/24 00:46	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/19/24 00:46	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/19/24 00:46	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/19/24 00:46	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/19/24 00:46	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/19/24 00:46	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/19/24 00:46	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/19/24 00:46	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/19/24 00:46	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/19/24 00:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/19/24 00:46	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/19/24 00:46	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/19/24 00:46	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/19/24 00:46	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/19/24 00:46	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/19/24 00:46	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/19/24 00:46	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/19/24 00:46	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/19/24 00:46	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/19/24 00:46	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/19/24 00:46	1
Methylene Chloride	**1.7**	*	1.0	0.32	ug/L			03/19/24 00:46	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/19/24 00:46	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/19/24 00:46	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/19/24 00:46	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/19/24 00:46	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/19/24 00:46	1
Styrene	1.0	U	1.0	0.42	ug/L			03/19/24 00:46	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/19/24 00:46	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			03/19/24 00:46	1
Toluene	1.0	U	1.0	0.38	ug/L			03/19/24 00:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/19/24 00:46	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/19/24 00:46	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			03/19/24 00:46	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/19/24 00:46	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/19/24 00:46	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/19/24 00:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*03/19/24 00:46*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*03/19/24 00:46*	*1*
Dibromofluoromethane (Surr)	*105*		*77 - 132*		*03/19/24 00:46*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/19/24 00:46*	*1*

Client Sample ID: DUP-01_20240314
Lab Sample ID: 460-300167-6

Date Collected: 03/14/24 09:15
Matrix: Water

Date Received: 03/14/24 20:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/19/24 06:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/19/24 06:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/19/24 06:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/19/24 06:14	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/19/24 06:14	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/19/24 06:14	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/19/24 06:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/19/24 06:14	1
1,2,4-Trimethylbenzene	**2.7**		1.0	0.37	ug/L			03/19/24 06:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/19/24 06:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/19/24 06:14	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/19/24 06:14	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/19/24 06:14	1
1,3,5-Trimethylbenzene	**1.1**		1.0	0.33	ug/L			03/19/24 06:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/19/24 06:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/19/24 06:14	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/19/24 06:14	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/19/24 06:14	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/19/24 06:14	1
Acetone	5.0	U	5.0	4.4	ug/L			03/19/24 06:14	1
Benzene	1.0	U	1.0	0.20	ug/L			03/19/24 06:14	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/19/24 06:14	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/19/24 06:14	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/19/24 06:14	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/19/24 06:14	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/19/24 06:14	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/19/24 06:14	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/19/24 06:14	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/19/24 06:14	1
Chloroform	**0.55**	**J**	1.0	0.33	ug/L			03/19/24 06:14	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/19/24 06:14	1
cis-1,2-Dichloroethene	**0.35**	**J**	1.0	0.22	ug/L			03/19/24 06:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/19/24 06:14	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/19/24 06:14	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/19/24 06:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/19/24 06:14	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/19/24 06:14	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/19/24 06:14	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/19/24 06:14	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/19/24 06:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/19/24 06:14	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/19/24 06:14	1
Methylene Chloride	1.0	U *	1.0	0.32	ug/L			03/19/24 06:14	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/19/24 06:14	1
n-Butylbenzene	**0.82**	**J**	1.0	0.32	ug/L			03/19/24 06:14	1
N-Propylbenzene	**0.56**	**J**	1.0	0.32	ug/L			03/19/24 06:14	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/19/24 06:14	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/19/24 06:14	1
Styrene	1.0	U	1.0	0.42	ug/L			03/19/24 06:14	1

Client Sample ID: DUP-01_20240314
Lab Sample ID: 460-300167-6

Date Collected: 03/14/24 09:15
Matrix: Water
Date Received: 03/14/24 20:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/19/24 06:14	1
Tetrachloroethene	**57**		1.0	0.25	ug/L			03/19/24 06:14	1
Toluene	1.0	U	1.0	0.38	ug/L			03/19/24 06:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/19/24 06:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/19/24 06:14	1
Trichloroethene	**0.93**	**J**	1.0	0.31	ug/L			03/19/24 06:14	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/19/24 06:14	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/19/24 06:14	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/19/24 06:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*		*03/19/24 06:14*	*1*
4-Bromofluorobenzene	*90*		*76 - 120*		*03/19/24 06:14*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*03/19/24 06:14*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/19/24 06:14*	*1*

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-300167-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-300167-1	MW-06_20240314	106	95	103	98
460-300167-1 MS	MW-06_20240314	98	97	94	102
460-300167-1 MSD	MW-06_20240314	96	99	99	95
460-300167-2	MW-07_20240314	107	88	104	96
460-300167-3	MW-08_20240314	92	77	90	86
460-300167-4	TB-01_20240314	102	91	97	97
460-300167-5	FB-01_20240314	106	95	105	101
460-300167-6	DUP-01_20240314	105	90	104	97
LCS 460-964707/4	Lab Control Sample	103	99	102	102
LCSD 460-964707/5	Lab Control Sample Dup	106	96	100	105
MB 460-964707/9	Method Blank	105	91	106	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-964707/9
Matrix: Water
Analysis Batch: 964707

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/18/24 23:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/18/24 23:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/18/24 23:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/18/24 23:26	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/18/24 23:26	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/18/24 23:26	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/18/24 23:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/18/24 23:26	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/18/24 23:26	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/18/24 23:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/18/24 23:26	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/18/24 23:26	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/18/24 23:26	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/18/24 23:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/18/24 23:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/18/24 23:26	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/18/24 23:26	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/18/24 23:26	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/18/24 23:26	1
Acetone	5.0	U	5.0	4.4	ug/L			03/18/24 23:26	1
Benzene	1.0	U	1.0	0.20	ug/L			03/18/24 23:26	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/18/24 23:26	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/18/24 23:26	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/18/24 23:26	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/18/24 23:26	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/18/24 23:26	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/18/24 23:26	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/18/24 23:26	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/18/24 23:26	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/18/24 23:26	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/18/24 23:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/18/24 23:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/18/24 23:26	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/18/24 23:26	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/18/24 23:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/18/24 23:26	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/18/24 23:26	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/18/24 23:26	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/18/24 23:26	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/18/24 23:26	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/18/24 23:26	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/18/24 23:26	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/18/24 23:26	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/18/24 23:26	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/18/24 23:26	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/18/24 23:26	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/18/24 23:26	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/18/24 23:26	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-964707/9
Matrix: Water
Analysis Batch: 964707

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			03/18/24 23:26	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/18/24 23:26	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			03/18/24 23:26	1
Toluene	1.0	U	1.0	0.38	ug/L			03/18/24 23:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/18/24 23:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/18/24 23:26	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			03/18/24 23:26	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/18/24 23:26	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/18/24 23:26	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/18/24 23:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*		*03/18/24 23:26*	*1*
4-Bromofluorobenzene	*91*		*76 - 120*		*03/18/24 23:26*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*03/18/24 23:26*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/18/24 23:26*	*1*

Lab Sample ID: LCS 460-964707/4
Matrix: Water
Analysis Batch: 964707

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.8		ug/L		104	72 - 128
1,1,2,2-Tetrachloroethane	20.0	22.5		ug/L		112	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	24.2		ug/L		121	51 - 142
1,1,2-Trichloroethane	20.0	21.0		ug/L		105	74 - 125
1,1-Dichloroethane	20.0	23.8		ug/L		119	73 - 130
1,1-Dichloroethene	20.0	23.6		ug/L		118	68 - 133
1,2,3-Trichlorobenzene	20.0	24.0		ug/L		120	52 - 120
1,2,4-Trichlorobenzene	20.0	23.1		ug/L		116	67 - 132
1,2,4-Trimethylbenzene	20.0	24.0		ug/L		120	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	22.3		ug/L		111	58 - 132
1,2-Dichlorobenzene	20.0	22.7		ug/L		113	80 - 120
1,2-Dichloroethane	20.0	21.1		ug/L		105	66 - 129
1,2-Dichloropropane	20.0	23.0		ug/L		115	68 - 128
1,3,5-Trimethylbenzene	20.0	24.2		ug/L		121	75 - 125
1,3-Dichlorobenzene	20.0	22.2		ug/L		111	80 - 120
1,4-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120
2-Butanone (MEK)	100	109		ug/L		109	61 - 142
2-Hexanone	100	129		ug/L		129	61 - 134
4-Methyl-2-pentanone (MIBK)	100	119		ug/L		119	69 - 139
Acetone	100	121		ug/L		121	49 - 149
Benzene	20.0	19.8		ug/L		99	71 - 126
Bromoform	20.0	20.5		ug/L		102	58 - 136
Bromomethane	20.0	21.2		ug/L		106	10 - 120
Carbon disulfide	20.0	22.0		ug/L		110	68 - 138
Carbon tetrachloride	20.0	21.5		ug/L		107	65 - 142
Chlorobenzene	20.0	21.0		ug/L		105	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-964707/4
Matrix: Water
Analysis Batch: 964707

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	21.5		ug/L		108	76 - 134
Chlorodibromomethane	20.0	20.6		ug/L		103	69 - 130
Chloroethane	20.0	24.2		ug/L		121	48 - 150
Chloroform	20.0	22.4		ug/L		112	78 - 125
Chloromethane	20.0	21.1		ug/L		106	43 - 140
cis-1,2-Dichloroethene	20.0	21.4		ug/L		107	78 - 121
cis-1,3-Dichloropropene	20.0	20.7		ug/L		104	74 - 125
Cyclohexane	20.0	19.9		ug/L		99	60 - 142
Dichlorobromomethane	20.0	21.4		ug/L		107	76 - 121
Dichlorodifluoromethane	20.0	18.9		ug/L		95	27 - 120
Ethylbenzene	20.0	21.5		ug/L		108	78 - 120
Ethylene Dibromide	20.0	20.5		ug/L		102	79 - 126
Isopropylbenzene	20.0	23.0		ug/L		115	79 - 125
Methyl acetate	40.0	34.3		ug/L		86	43 - 120
Methyl tert-butyl ether	20.0	22.9		ug/L		114	72 - 131
Methylcyclohexane	20.0	20.9		ug/L		105	49 - 149
Methylene Chloride	20.0	27.6	*	ug/L		138	74 - 127
m-Xylene & p-Xylene	20.0	21.9		ug/L		109	78 - 120
n-Butylbenzene	20.0	23.4		ug/L		117	69 - 135
N-Propylbenzene	20.0	24.1		ug/L		120	68 - 129
o-Xylene	20.0	22.1		ug/L		111	78 - 120
sec-Butylbenzene	20.0	24.2		ug/L		121	68 - 129
Styrene	20.0	22.1		ug/L		110	82 - 127
tert-Butylbenzene	20.0	23.6		ug/L		118	62 - 120
Tetrachloroethene	20.0	20.1		ug/L		101	70 - 127
Toluene	20.0	20.5		ug/L		103	78 - 120
trans-1,2-Dichloroethene	20.0	20.2		ug/L		101	74 - 126
trans-1,3-Dichloropropene	20.0	20.5		ug/L		102	66 - 127
Trichloroethene	20.0	20.2		ug/L		101	51 - 121
Trichlorofluoromethane	20.0	22.5		ug/L		113	50 - 120
Vinyl chloride	20.0	23.5		ug/L		117	55 - 144
Xylenes, Total	40.0	44.0		ug/L		110	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*102*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-964707/5
Matrix: Water
Analysis Batch: 964707

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	19.0		ug/L		95	72 - 128	9	30
1,1,2,2-Tetrachloroethane	20.0	22.6		ug/L		113	63 - 139	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.6		ug/L		98	51 - 142	21	30
1,1,2-Trichloroethane	20.0	20.7		ug/L		103	74 - 125	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-964707/5
Matrix: Water
Analysis Batch: 964707

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane			20.0	21.8		ug/L		109	73 - 130	9	30
1,1-Dichloroethene			20.0	21.5		ug/L		107	68 - 133	9	30
1,2,3-Trichlorobenzene			20.0	22.5		ug/L		112	52 - 120	7	30
1,2,4-Trichlorobenzene			20.0	22.1		ug/L		110	67 - 132	5	30
1,2,4-Trimethylbenzene			20.0	22.6		ug/L		113	75 - 125	6	30
1,2-Dibromo-3-Chloropropane			20.0	21.1		ug/L		106	58 - 132	5	30
1,2-Dichlorobenzene			20.0	20.5		ug/L		102	80 - 120	10	30
1,2-Dichloroethane			20.0	20.3		ug/L		102	66 - 129	4	30
1,2-Dichloropropane			20.0	21.1		ug/L		105	68 - 128	9	30
1,3,5-Trimethylbenzene			20.0	23.2		ug/L		116	75 - 125	4	30
1,3-Dichlorobenzene			20.0	20.2		ug/L		101	80 - 120	10	30
1,4-Dichlorobenzene			20.0	19.8		ug/L		99	80 - 120	5	30
2-Butanone (MEK)			100	99.5		ug/L		99	61 - 142	9	30
2-Hexanone			100	110		ug/L		110	61 - 134	16	30
4-Methyl-2-pentanone (MIBK)			100	111		ug/L		111	69 - 139	7	30
Acetone			100	115		ug/L		115	49 - 149	6	30
Benzene			20.0	20.2		ug/L		101	71 - 126	2	30
Bromoform			20.0	20.1		ug/L		100	58 - 136	2	30
Bromomethane			20.0	19.9		ug/L		100	10 - 120	6	30
Carbon disulfide			20.0	16.4		ug/L		82	68 - 138	29	30
Carbon tetrachloride			20.0	18.7		ug/L		93	65 - 142	14	30
Chlorobenzene			20.0	19.5		ug/L		97	80 - 120	7	30
Chlorobromomethane			20.0	20.2		ug/L		101	76 - 134	6	30
Chlorodibromomethane			20.0	19.6		ug/L		98	69 - 130	5	30
Chloroethane			20.0	22.5		ug/L		112	48 - 150	7	30
Chloroform			20.0	20.7		ug/L		104	78 - 125	8	30
Chloromethane			20.0	18.8		ug/L		94	43 - 140	12	30
cis-1,2-Dichloroethene			20.0	20.1		ug/L		101	78 - 121	6	30
cis-1,3-Dichloropropene			20.0	20.3		ug/L		102	74 - 125	2	30
Cyclohexane			20.0	17.0		ug/L		85	60 - 142	15	30
Dichlorobromomethane			20.0	20.3		ug/L		101	76 - 121	5	30
Dichlorodifluoromethane			20.0	15.0		ug/L		75	27 - 120	23	30
Ethylbenzene			20.0	21.1		ug/L		105	78 - 120	2	30
Ethylene Dibromide			20.0	20.1		ug/L		100	79 - 126	2	30
Isopropylbenzene			20.0	20.6		ug/L		103	79 - 125	11	30
Methyl acetate			40.0	33.9		ug/L		85	43 - 120	1	30
Methyl tert-butyl ether			20.0	21.3		ug/L		106	72 - 131	7	30
Methylcyclohexane			20.0	17.5		ug/L		88	49 - 149	18	30
Methylene Chloride			20.0	20.2	*	ug/L		101	74 - 127	31	30
m-Xylene & p-Xylene			20.0	20.6		ug/L		103	78 - 120	6	30
n-Butylbenzene			20.0	22.4		ug/L		112	69 - 135	4	30
N-Propylbenzene			20.0	22.1		ug/L		110	68 - 129	9	30
o-Xylene			20.0	20.5		ug/L		102	78 - 120	8	30
sec-Butylbenzene			20.0	22.6		ug/L		113	68 - 129	7	30
Styrene			20.0	20.4		ug/L		102	82 - 127	8	30
tert-Butylbenzene			20.0	21.4		ug/L		107	62 - 120	10	30
Tetrachloroethene			20.0	19.2		ug/L		96	70 - 127	5	30
Toluene			20.0	19.9		ug/L		99	78 - 120	3	30
trans-1,2-Dichloroethene			20.0	18.9		ug/L		94	74 - 126	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-964707/5
Matrix: Water
Analysis Batch: 964707

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			20.0	20.8		ug/L		104	66 - 127	1	30
Trichloroethene			20.0	19.6		ug/L		98	51 - 121	3	30
Trichlorofluoromethane			20.0	20.9		ug/L		104	50 - 120	7	30
Vinyl chloride			20.0	19.8		ug/L		99	55 - 144	17	30
Xylenes, Total			40.0	41.1		ug/L		103	80 - 120	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*
4-Bromofluorobenzene	*96*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 132*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 460-300167-1 MS
Matrix: Water
Analysis Batch: 964707

Client Sample ID: MW-06_20240314
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	17.7		ug/L		89	72 - 128
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.7		ug/L		103	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	20.6		ug/L		103	51 - 142
1,1,2-Trichloroethane	1.0	U	20.0	21.5		ug/L		108	74 - 125
1,1-Dichloroethane	1.0	U	20.0	24.5		ug/L		123	73 - 130
1,1-Dichloroethene	1.0	U	20.0	23.0		ug/L		115	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	18.8		ug/L		94	52 - 120
1,2,4-Trichlorobenzene	1.0	U	20.0	19.3		ug/L		96	67 - 132
1,2,4-Trimethylbenzene	2.3		20.0	22.9		ug/L		103	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	18.6		ug/L		93	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	19.2		ug/L		96	80 - 120
1,2-Dichloroethane	1.0	U	20.0	18.4		ug/L		92	66 - 129
1,2-Dichloropropane	1.0	U	20.0	20.2		ug/L		101	68 - 128
1,3,5-Trimethylbenzene	1.0		20.0	22.1		ug/L		105	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	19.4		ug/L		97	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	18.4		ug/L		92	80 - 120
2-Butanone (MEK)	5.0	U	100	91.3		ug/L		91	61 - 142
2-Hexanone	5.0	U	100	95.3		ug/L		95	61 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	103		ug/L		103	69 - 139
Acetone	5.0	U	100	86.5		ug/L		86	49 - 149
Benzene	1.0	U	20.0	20.3		ug/L		101	71 - 126
Bromoform	1.0	U	20.0	19.2		ug/L		96	58 - 136
Bromomethane	1.0	U	20.0	16.0		ug/L		80	10 - 120
Carbon disulfide	1.0	U	20.0	17.6		ug/L		88	68 - 138
Carbon tetrachloride	1.0	U	20.0	18.7		ug/L		93	65 - 142
Chlorobenzene	1.0	U	20.0	19.2		ug/L		96	80 - 120
Chlorobromomethane	1.0	U	20.0	18.6		ug/L		93	76 - 134
Chlorodibromomethane	1.0	U	20.0	19.4		ug/L		97	69 - 130
Chloroethane	1.0	U	20.0	20.7		ug/L		103	48 - 150
Chloroform	0.54	J	20.0	19.0		ug/L		93	78 - 125
Chloromethane	1.0	U	20.0	15.9		ug/L		79	43 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-300167-1 MS
Client Sample ID: MW-06_20240314
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 964707

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.45	J	20.0	18.8		ug/L		92	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	19.5		ug/L		98	74 - 125
Cyclohexane	1.0	U	20.0	16.8		ug/L		84	60 - 142
Dichlorobromomethane	1.0	U	20.0	18.6		ug/L		93	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	15.4		ug/L		77	27 - 120
Ethylbenzene	1.0	U	20.0	19.7		ug/L		99	78 - 120
Ethylene Dibromide	1.0	U	20.0	20.2		ug/L		101	79 - 126
Isopropylbenzene	1.0	U	20.0	20.5		ug/L		102	79 - 125
Methyl acetate	5.0	U	40.0	34.0		ug/L		85	43 - 120
Methyl tert-butyl ether	1.0	U	20.0	24.6		ug/L		123	72 - 131
Methylcyclohexane	1.0	U	20.0	17.9		ug/L		90	49 - 149
Methylene Chloride	1.0	U *	20.0	24.0		ug/L		120	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	20.4		ug/L		102	78 - 120
n-Butylbenzene	0.57	J	20.0	20.4		ug/L		99	69 - 135
N-Propylbenzene	0.52	J	20.0	21.2		ug/L		103	68 - 129
o-Xylene	1.0	U	20.0	19.7		ug/L		98	78 - 120
sec-Butylbenzene	1.0	U	20.0	21.0		ug/L		105	68 - 129
Styrene	1.0	U	20.0	20.7		ug/L		104	82 - 127
tert-Butylbenzene	1.0	U	20.0	20.4		ug/L		102	62 - 120
Tetrachloroethene	52		20.0	70.7		ug/L		95	70 - 127
Toluene	1.0	U	20.0	20.6		ug/L		103	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	19.2		ug/L		96	74 - 126
trans-1,3-Dichloropropene	1.0	U	20.0	19.3		ug/L		96	66 - 127
Trichloroethene	0.88	J	20.0	19.3		ug/L		92	51 - 121
Trichlorofluoromethane	1.0	U	20.0	20.5		ug/L		103	50 - 120
Vinyl chloride	1.0	U	20.0	18.4		ug/L		92	55 - 144
Xylenes, Total	2.0	U	40.0	40.1		ug/L		100	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*
4-Bromofluorobenzene	*97*		*76 - 120*
Dibromofluoromethane (Surr)	*94*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 460-300167-1 MSD
Client Sample ID: MW-06_20240314
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 964707

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	20.6		ug/L		103	72 - 128	15	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	21.8		ug/L		109	63 - 139	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	23.5		ug/L		117	51 - 142	13	30
1,1,2-Trichloroethane	1.0	U	20.0	21.3		ug/L		106	74 - 125	1	30
1,1-Dichloroethane	1.0	U	20.0	23.9		ug/L		119	73 - 130	3	30
1,1-Dichloroethene	1.0	U	20.0	23.5		ug/L		118	68 - 133	2	30
1,2,3-Trichlorobenzene	1.0	U	20.0	21.9		ug/L		110	52 - 120	15	30
1,2,4-Trichlorobenzene	1.0	U	20.0	21.1		ug/L		106	67 - 132	9	30
1,2,4-Trimethylbenzene	2.3		20.0	25.0		ug/L		114	75 - 125	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-300167-1 MSD
Client Sample ID: MW-06_20240314
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 964707

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	19.8		ug/L		99	58 - 132	6	30
1,2-Dichlorobenzene	1.0	U	20.0	20.4		ug/L		102	80 - 120	6	30
1,2-Dichloroethane	1.0	U	20.0	20.9		ug/L		104	66 - 129	13	30
1,2-Dichloropropane	1.0	U	20.0	20.5		ug/L		103	68 - 128	2	30
1,3,5-Trimethylbenzene	1.0		20.0	23.3		ug/L		111	75 - 125	5	30
1,3-Dichlorobenzene	1.0	U	20.0	20.4		ug/L		102	80 - 120	5	30
1,4-Dichlorobenzene	1.0	U	20.0	20.0		ug/L		100	80 - 120	8	30
2-Butanone (MEK)	5.0	U	100	94.0		ug/L		94	61 - 142	3	30
2-Hexanone	5.0	U	100	117		ug/L		117	61 - 134	21	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	115		ug/L		115	69 - 139	11	30
Acetone	5.0	U	100	97.7		ug/L		98	49 - 149	12	30
Benzene	1.0	U	20.0	18.5		ug/L		93	71 - 126	9	30
Bromoform	1.0	U	20.0	20.9		ug/L		105	58 - 136	9	30
Bromomethane	1.0	U	20.0	21.8	*	ug/L		109	10 - 120	31	30
Carbon disulfide	1.0	U	20.0	21.4		ug/L		107	68 - 138	19	30
Carbon tetrachloride	1.0	U	20.0	21.2		ug/L		106	65 - 142	13	30
Chlorobenzene	1.0	U	20.0	20.4		ug/L		102	80 - 120	6	30
Chlorobromomethane	1.0	U	20.0	20.7		ug/L		103	76 - 134	11	30
Chlorodibromomethane	1.0	U	20.0	19.2		ug/L		96	69 - 130	1	30
Chloroethane	1.0	U	20.0	23.7		ug/L		119	48 - 150	14	30
Chloroform	0.54	J	20.0	21.3		ug/L		104	78 - 125	11	30
Chloromethane	1.0	U	20.0	19.7		ug/L		98	43 - 140	21	30
cis-1,2-Dichloroethene	0.45	J	20.0	21.0		ug/L		103	78 - 121	11	30
cis-1,3-Dichloropropene	1.0	U	20.0	18.6		ug/L		93	74 - 125	5	30
Cyclohexane	1.0	U	20.0	18.1		ug/L		90	60 - 142	7	30
Dichlorobromomethane	1.0	U	20.0	21.1		ug/L		105	76 - 121	13	30
Dichlorodifluoromethane	1.0	U	20.0	18.1		ug/L		91	27 - 120	17	30
Ethylbenzene	1.0	U	20.0	21.3		ug/L		107	78 - 120	8	30
Ethylene Dibromide	1.0	U	20.0	20.1		ug/L		101	79 - 126	0	30
Isopropylbenzene	1.0	U	20.0	22.1		ug/L		110	79 - 125	8	30
Methyl acetate	5.0	U	40.0	30.7		ug/L		77	43 - 120	10	30
Methyl tert-butyl ether	1.0	U	20.0	26.3		ug/L		131	72 - 131	7	30
Methylcyclohexane	1.0	U	20.0	17.6		ug/L		88	49 - 149	2	30
Methylene Chloride	1.0	U *	20.0	28.1	*	ug/L		141	74 - 127	16	30
m-Xylene & p-Xylene	1.0	U	20.0	21.8		ug/L		109	78 - 120	7	30
n-Butylbenzene	0.57	J	20.0	22.3		ug/L		108	69 - 135	9	30
N-Propylbenzene	0.52	J	20.0	22.0		ug/L		108	68 - 129	4	30
o-Xylene	1.0	U	20.0	21.1		ug/L		105	78 - 120	7	30
sec-Butylbenzene	1.0	U	20.0	22.9		ug/L		114	68 - 129	9	30
Styrene	1.0	U	20.0	20.7		ug/L		103	82 - 127	0	30
tert-Butylbenzene	1.0	U	20.0	22.0		ug/L		110	62 - 120	7	30
Tetrachloroethene	52		20.0	69.2		ug/L		87	70 - 127	2	30
Toluene	1.0	U	20.0	19.6		ug/L		98	78 - 120	5	30
trans-1,2-Dichloroethene	1.0	U	20.0	24.8		ug/L		124	74 - 126	26	30
trans-1,3-Dichloropropene	1.0	U	20.0	19.2		ug/L		96	66 - 127	1	30
Trichloroethene	0.88	J	20.0	20.9		ug/L		100	51 - 121	8	30
Trichlorofluoromethane	1.0	U	20.0	22.1		ug/L		110	50 - 120	7	30
Vinyl chloride	1.0	U	20.0	21.9		ug/L		109	55 - 144	17	30
Xylenes, Total	2.0	U	40.0	42.9		ug/L		107	80 - 120	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 132*
Toluene-d8 (Surr)	*95*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
*	Duplicate RPD exceeds control limits
*	MS or MSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-300167-1

GC/MS VOA

Analysis Batch: 964707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-300167-1	MW-06_20240314	Total/NA	Water	8260D	
460-300167-2	MW-07_20240314	Total/NA	Water	8260D	
460-300167-3	MW-08_20240314	Total/NA	Water	8260D	
460-300167-4	TB-01_20240314	Total/NA	Water	8260D	
460-300167-5	FB-01_20240314	Total/NA	Water	8260D	
460-300167-6	DUP-01_20240314	Total/NA	Water	8260D	
MB 460-964707/9	Method Blank	Total/NA	Water	8260D	
LCS 460-964707/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-964707/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-300167-1 MS	MW-06_20240314	Total/NA	Water	8260D	
460-300167-1 MSD	MW-06_20240314	Total/NA	Water	8260D	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 460-300167-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: MW-06_20240314
Lab Sample ID: 460-300167-1
Date Collected: 03/14/24 09:05
Matrix: Water
Date Received: 03/14/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	964707	EMM	EET EDI	03/19/24 04:58

Client Sample ID: MW-07_20240314
Lab Sample ID: 460-300167-2
Date Collected: 03/14/24 10:25
Matrix: Water
Date Received: 03/14/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	964707	EMM	EET EDI	03/19/24 05:49

Client Sample ID: MW-08_20240314
Lab Sample ID: 460-300167-3
Date Collected: 03/14/24 11:25
Matrix: Water
Date Received: 03/14/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	964707	EMM	EET EDI	03/19/24 05:23

Client Sample ID: TB-01_20240314
Lab Sample ID: 460-300167-4
Date Collected: 03/14/24 11:25
Matrix: Water
Date Received: 03/14/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	964707	EMM	EET EDI	03/19/24 01:11

Client Sample ID: FB-01_20240314
Lab Sample ID: 460-300167-5
Date Collected: 03/14/24 07:00
Matrix: Water
Date Received: 03/14/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	964707	EMM	EET EDI	03/19/24 00:46

Client Sample ID: DUP-01_20240314
Lab Sample ID: 460-300167-6
Date Collected: 03/14/24 09:15
Matrix: Water
Date Received: 03/14/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	964707	EMM	EET EDI	03/19/24 06:14

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc. Job ID: 460-300167-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-24

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00166	03/17/24	02/17/24	MeOH, Lot 22L0562016	10 mL	14DIOXINTER_00154	100 uL	1,4-Dioxane	500.001 ug/mL
.14DIOXINTER_00154	02/28/25	03/31/23	MeOH, Lot 22C2862010	10 mL	14DIOXNEAT_00004	483.56 uL	1,4-Dioxane	50000.1 ug/mL
..14DIOXNEAT_00004	02/28/25	SIGMA-ALDRICH, Lot BCCH3811			(Purchased Reagent)		1,4-Dioxane	1.034 g/g
524FREONS_00015	03/21/24	02/21/24	MeOH, Lot 22L0562016	50 mL	7 Freons_00003	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00003	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00012	04/01/24	03/01/24	MeOH, Lot 22L0562016	5 mL	7 Freons_00003	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00003	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00177	03/17/24	02/17/24	MeOH, Lot 22L0562016	10 mL	KetonesC SS_00016	200 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix SS_00020	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00016	02/28/26		RESTEK, Lot A0194631		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix SS_00020	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260ISNEW_00171	05/31/26		RESTEK, Lot A0172729		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
8260MIX1COMB_00184	03/29/24	02/29/24	MeOH, Lot 22L0562016	50 mL	2-CEVEC_00028	1 mL	2-Chloroethyl vinyl ether	50.12 ug/mL
					EPICH(working_00013	500 uL	Epichlorohydrin	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					ETHANOL(new)_00021	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00021	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00027	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					LIST2/STD6_00020	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00023	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00037	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00026	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00097	1 mL	Vinyl acetate	100 ug/mL
.2-CEVEC_00028	09/30/26		RESTEK, Lot A0202590		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.EPICH(working_00013	09/08/25	09/08/23	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new)_00021	03/31/26		RESTEK, Lot A0195429		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00021	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00027	01/31/26		RESTEK, Lot A0193494		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.LIST2/STD6_00020	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00023	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00037	09/30/24		RESTEK, Lot A0183568		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00026	02/28/25		RESTEK, Lot A0194786		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00097	01/31/25		RESTEK, Lot A0200199		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00184	03/29/24	02/29/24	MeOH, Lot 22L0562016	50 mL	Mega Mix_00037	1 mL	Xylenes, Total	100 ug/mL
.Mega Mix_00037	09/30/24		RESTEK, Lot A0183568		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
8260SURR250_00245	04/17/24	02/17/24	MeOH, Lot 22L0562016	50 mL	8260 SURR C_00062	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.8260 SURR C_00062	09/30/28		RESTEK, Lot A0201943		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
ACROLEIN W_00166	03/23/24	02/23/24	MeOH, Lot 22L0562016	10 mL	ACROLEIN_00024	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00024	08/31/24		RESTEK, Lot A0194513		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00122	03/17/24	02/17/24	MeOH, Lot 22L0562016	10 mL	Acrylonitrile_00009	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00013	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00009	11/18/24		ABSOLUTE, Lot 111821		(Purchased Reagent)		Acrylonitrile	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.EPICH(working_00013	09/08/25	09/08/23	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25	FLUKA, Lot SHBD0368V			(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00035							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	200 uL	4-Bromofluorobenzene	50 ug/mL
							BFB	50 ug/mL
.VMC21SU_00011	03/08/27	Absolute, Lot 030822			(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
Ethanol mix_00087	04/01/24	03/01/24	MeOH, Lot 22L0562016	5 mL	ETHANOL(new)_00021	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00021	03/31/26	RESTEK, Lot A0195429			(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00558	03/16/24	03/09/24	MeOH, Lot 22L0562016	10 mL	GASES SS_00023	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00023	07/31/26	RESTEK, Lot A0200059			(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00464	03/14/24	02/29/24	MeOH, Lot 22L0562016	5 mL	GASES C_00040	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00040	05/31/26	RESTEK, Lot A0198219			(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00575	03/16/24	03/09/24	MeOH, Lot 22L0562016	25 mL	GASES C_00040	0.5 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00040	05/31/26		RESTEK, Lot A0198219		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00576	03/22/24	03/15/24	MeOH, Lot 22L0562016	25 mL	GASES C_00040	0.5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00040	05/31/26		RESTEK, Lot A0198219		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00147	04/01/24	03/01/24	MeOH, Lot 22L0562016	5 mL	2-CEVEC_00028	1 mL	2-Chloroethyl vinyl ether	501.2 ug/mL
					Extra Cmpd_00021	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00020	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	12500 ug/mL
					LIST2/STD7_00023	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00026	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.2-CEVEC_00028	09/30/26		RESTEK, Lot A0202590		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.Extra Cmpd_00021	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00020	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00023	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00026	02/28/25		RESTEK, Lot A0194786		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00174	04/01/24	03/01/24	MeOH, Lot 22L0562016	5 mL	EPICH(working_00013	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00027	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					Mega Mix_00037	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chlorodibromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromomethane	500 ug/mL
							Dichlorobromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00097	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00013	09/08/25	09/08/23	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00027	01/31/26		RESTEK, Lot A0193494		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00037	09/30/24		RESTEK, Lot A0183568		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00097	01/31/25	RESTEK, Lot A0200199			(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMTBA500_00047	03/27/24	02/27/24	MeOH, Lot 22L0562016	2 mL	TBA AB_00007	50 uL	2-Methyl-2-propanol	500 ug/mL
.TBA AB_00007	11/11/25	ABSOLUTE, Lot 111120			(Purchased Reagent)		2-Methyl-2-propanol	20000 ug/mL

Reagent

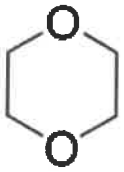
14DIOXNEAT_00004

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
1,4-Dioxane - analytical standard

Product Number:	**76887**
Batch Number:	**BCCH3811**
Brand:	SIAL
CAS Number:	123-91-1
Formula:	C4H8O2
Formula Weight:	88,11 g/mol
Quality Release Date:	18 MAR 2022
Expiration Date:	FEB 2025



R2386

HS 3/31/23 #10669636

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Purity (GC)	≥ 99.5 %	100.0 %
Refractive index at 20 °C	1.421 - 1.423	1.422
Water (Coulometric)	≤ 0.05 %	0.03 %
Peroxide (as H2O2)	≤ 50.00 mg/kg	< 50.00 mg/kg

Dr. R. Schwenninger

Dr.Reinhold Schwenninger
Quality Assurance
Buchs,Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

2-CEVEC_00028

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309
www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2467
1/25/2024 MC #11480075

3/20/2024 1:03:26 PM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569723 **Lot No.:** A0202590

Description : 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Chloroethyl vinyl ether	110-75-8	MKCK6742	99%	2,518.0 µg/mL	+/- 31.3370

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Reagent

7 Freons_00003

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s):	Lot#
Methanol	EF282-USQ5

R2449
11/29/2023 MS #11349853

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Eli Aliaga		040723
Formulated By:	Eli Aliaga	DATE
Pedro Rentas		040723
Reviewed By:	Pedro L. Rentas	DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Reagent

8260 SURR C_00062

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0201943

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,522.5 µg/mL	+/- 141.7031
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,507.5 µg/mL	+/- 140.8605
3	Toluene-d8	2037-26-5	PR-33397	99%	2,514.5 µg/mL	+/- 141.2537
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,522.5 µg/mL	+/- 141.7031

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260ISNEW_00171

R 2280

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0172729

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	tert-Butyl-d9-alcohol **CAS #** 25725-11-5 **Purity** 99% (Lot CD-107)	5,000.7 µg/mL	+/- 29.0730 µg/mL +/- 107.0652 µg/mL +/- 110.1778 µg/mL	Gravimetric Unstressed Stressed
2	2-Butanone-d5 **CAS #** 24313-50-6 **Purity** 99% (Lot M-276)	1,250.3 µg/mL	+/- 7.2695 µg/mL +/- 26.7698 µg/mL +/- 27.5480 µg/mL	Gravimetric Unstressed Stressed
3	Fluorobenzene **CAS #** 462-06-6 **Purity** 99% (Lot BCBZ5549)	250.6 µg/mL	+/- 1.4604 µg/mL +/- 5.3663 µg/mL +/- 5.5222 µg/mL	Gravimetric Unstressed Stressed
4	1,4-Dioxane-d8 **CAS #** 17647-74-4 **Purity** 99% (Lot RP210421V)	5,000.9 µg/mL	+/- 29.0740 µg/mL +/- 107.0687 µg/mL +/- 110.1814 µg/mL	Gravimetric Unstressed Stressed
5	Chlorobenzene-d5 **CAS #** 3114-55-4 **Purity** 99% (Lot PR-29571)	250.8 µg/mL	+/- 1.4615 µg/mL +/- 5.3706 µg/mL +/- 5.5267 µg/mL	Gravimetric Unstressed Stressed
6	1,4-Dichlorobenzene-d4 **CAS #** 3855-82-1 **Purity** 99% (Lot PR-30447)	250.4 µg/mL	+/- 1.4590 µg/mL +/- 5.3613 µg/mL +/- 5.5171 µg/mL	Gravimetric Unstressed Stressed

Reagent

ACROLEIN_00024

R24731

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0194513

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2024 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RD230201	99%	19,768.0 µg/mL	+/- 580.7437

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

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Reagent

Acrylonitrile_00009

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CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 111821
Description: Acrylonitrile

Solvent: Methanol **Lot#** EA899-USQ2

R2401 # 10853228 MS 5/31/23

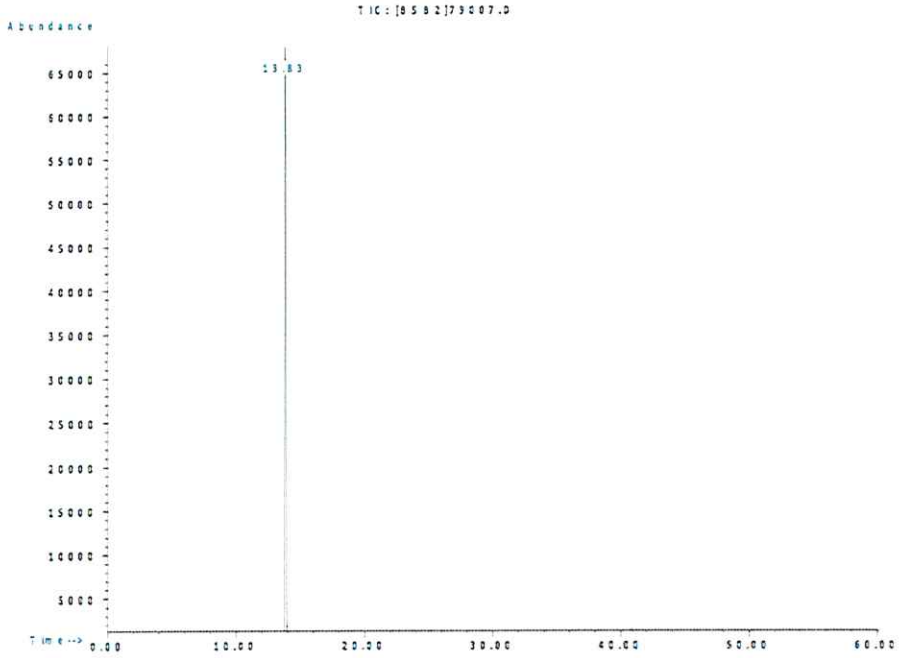
Expiration Date: 111824
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

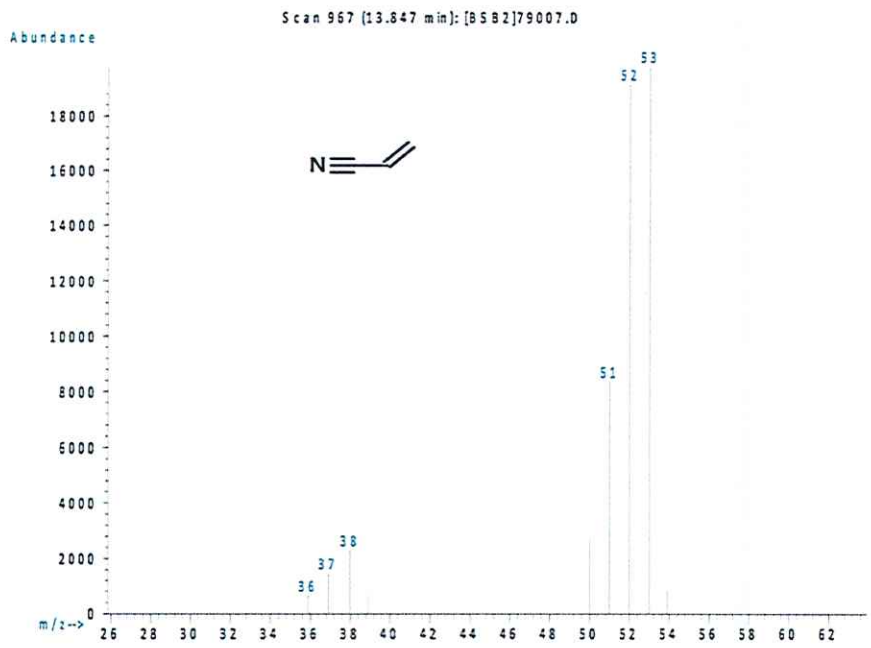
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	111821
Formulated By: Prashant Chauhan	DATE
Pedro L. Rentas	111821
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05064	1002.0	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

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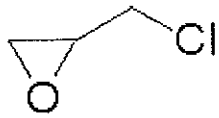
Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 °C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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ETHANOL(new)_00021

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0195429

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBQ2807	99%	100,006.7 µg/mL	+/- 1,243.9578

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Extra Cmpd_00021

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R 2453

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CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 092922
Description: VOC Standard 2015
14 components
Expiration Date: 092925
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EC592-USQ6

Formulated By:	Benson Chan	092922 DATE
Reviewed By:	Pedro L. Rentas	092922 DATE

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	n-Amyl acetate	1515	OGL01	2500	98	0.2	0.25511	0.25561	2504.9	10.3	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2.	tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.25511	0.25536	2502.4	10.3	919-94-8	N/A	inh-mus 81284mg/m3/15H
3.	n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.25254	0.25273	2501.9	10.2	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4.	Butyl methacrylate	1314	03220HG	2500	99	0.2	0.25254	0.25285	2503.1	10.2	97-88-1	N/A	orl-rat 18 g/kg
5.	Cyclopentene	519	04013BX	2500	99	0.2	0.25254	0.25265	2501.1	10.2	142-29-0	N/A	orl-rat 1656mg/kg
6.	4-Ethyltoluene	1001	031097	2500	99	0.2	0.25254	0.25313	2505.9	10.2	622-96-8	N/A	N/A
7.	Indan	955	02625MQ	2500	96	0.2	0.26043	0.26075	2503.1	10.5	496-11-7	N/A	N/A
8.	Isoprene	1541	SHBN7340	2500	99.7	0.2	0.25076	0.25112	2503.5	10.1	78-79-5	N/A	N/A
9.	Isopropyl acetate	1106	U17E045	2500	99.9	0.2	0.25026	0.25097	2507.1	10.1	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10.	Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.25026	0.25088	2506.2	10.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11.	n-Pentane	783	SHBM5087	**5000**	99.4	0.2	0.50304	0.50358	**5005.3**	20.2	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12.	Propyl acetate	1105	05017HY	2500	99	0.2	0.25254	0.25286	2503.2	10.2	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13.	1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.25511	0.25520	2500.8	10.3	95-93-2	N/A	orl-rat 6989mg/kg
14.	1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.25511	0.25536	2502.4	10.3	105-05-5	N/A	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

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MS 12/11/23

#11357235

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0198219

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00012554	99%	2,501.0 µg/mL	+/- 141.1841
2	Chloromethane (methyl chloride)	74-87-3	SHBM9611	99%	2,503.5 µg/mL	+/- 141.4535
3	Vinyl chloride	75-01-4	00015559	99%	2,504.0 µg/mL	+/- 141.5201
4	1,3-Butadiene	106-99-0	00015314	99%	2,503.4 µg/mL	+/- 140.8433
5	Bromomethane (methyl bromide)	74-83-9	101604	99%	2,508.8 µg/mL	+/- 141.7591
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,500.4 µg/mL	+/- 141.1450
7	Dichlorofluoromethane (CFC-21)	75-43-4	14150400	90%	2,502.0 µg/mL	+/- 140.5515
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCL8411	99%	2,504.2 µg/mL	+/- 141.6568

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

GASES SS_00023

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0200059

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28302	99%	2,498.7 µg/mL	+/- 141.3032
2	Chloromethane (methyl chloride)	74-87-3.SEC	00016950	99%	2,499.9 µg/mL	+/- 141.5220
3	Vinyl chloride	75-01-4.SEC	MKBK6872V	99%	2,500.7 µg/mL	+/- 142.8051
4	1,3-Butadiene	106-99-0.SEC	26996	99%	2,500.4 µg/mL	+/- 141.3330
5	Bromomethane (methyl bromide)	74-83-9.SEC	00017022	99%	2,505.7 µg/mL	+/- 141.5475
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,499.8 µg/mL	+/- 141.4404
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14150400	90%	2,502.0 µg/mL	+/- 140.5657
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,500.7 µg/mL	+/- 142.0532

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

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Reagent

KetonesC SS_00016

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MS 11/7/23 R2444 #11295656

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0194631

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	S25F025	99%	12,530.8 µg/mL	+/- 433.0935
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,522.8 µg/mL	+/- 432.8170
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,555.6 µg/mL	+/- 433.9507
4	2-Hexanone	591-78-6.SEC	Y3TUO	99%	12,580.4 µg/mL	+/- 434.8078

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

KetonesC_00027

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309
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CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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Certificate of Analysis

chromatographic plus

R2452

MS 12/11/23

11357243

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0193494

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	12,581.8 µg/mL	+/- 434.7671
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	12,578.5 µg/mL	+/- 434.6548
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	12,602.3 µg/mL	+/- 435.4755
4	2-Hexanone	591-78-6	MKCQ6663	99%	12,587.5 µg/mL	+/- 434.9658

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

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Reagent

LIST2/STD6_00020

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Fax: 1-814-353-1309

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Certificate of Analysis

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1/25/2024 MS # 11480084

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0203604

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBQ4760	99%	25,118.5 µg/mL	+/- 410.7356
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	230928JLM	99%	2,517.5 µg/mL	+/- 41.1780
3	Methacrylonitrile	126-98-7	1012014	99%	25,073.0 µg/mL	+/- 409.9916
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBP5702	99%	2,521.5 µg/mL	+/- 41.2434
5	1-Butanol	71-36-3	101601K21K	99%	62,717.5 µg/mL	+/- 1,025.5446
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,037.2 µg/mL	+/- 82.3680
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,509.5 µg/mL	+/- 41.0471
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-36	98%	2,524.0 µg/mL	+/- 41.2841
9	Benzyl chloride	100-44-7	SHBH2102V	99%	2,511.5 µg/mL	+/- 41.0798
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,515.0 µg/mL	+/- 41.1371

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD7_00023

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2469
1/25/2024 MS #11480095

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0200274

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBP9289	99%	5,031.0 µg/mL	+/- 173.8830
2	Ethyl acrylate	140-88-5	10129902	99%	2,502.5 µg/mL	+/- 86.4979
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,000.0 µg/mL	+/- 172.8116
4	Butyl acetate	123-86-4	SHBP6314	99%	2,506.0 µg/mL	+/- 86.6188

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Mega Mix SS_00020

R2396

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992.SEC **Lot No.:** A0195252

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7.SEC	F23X068	99%	2,516.7 µg/mL	+/- 86.9644
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1.SEC	18342	99%	2,520.0 µg/mL	+/- 87.0795
3	1,1-Dichloroethene	75-35-4.SEC	13896500	99%	2,525.0 µg/mL	+/- 87.2523
4	tert-Butanol (TBA)	75-65-0.SEC	DI34O	99%	25,129.5 µg/mL	+/- 868.3580
5	Methyl acetate	79-20-9.SEC	UCNEL	99%	5,029.0 µg/mL	+/- 173.7790
6	Iodomethane (methyl iodide)	74-88-4.SEC	Y25A027	99%	2,521.7 µg/mL	+/- 87.1371
7	Allyl chloride (3-chloropropene)	107-05-1.SEC	RD210329	99%	2,518.2 µg/mL	+/- 87.0162
8	Methylene chloride (dichloromethane)	75-09-2.SEC	FGM02	99%	2,516.7 µg/mL	+/- 86.9644
9	Carbon disulfide	75-15-0.SEC	MKBL1376V	99%	2,511.7 µg/mL	+/- 86.7916
10	Acrylonitrile	107-13-1.SEC	V54AD	99%	25,200.3 µg/mL	+/- 870.8057
11	Methyl-tert-butyl ether (MTBE)	1634-04-4.SEC	CDCQG	99%	2,517.3 µg/mL	+/- 86.9874
12	cis-1,2-Dichloroethene	156-59-2.SEC	YZO5O	99%	2,515.3 µg/mL	+/- 86.9183
13	n-Hexane (C6)	110-54-3.SEC	10188491	99%	2,514.7 µg/mL	+/- 86.8953
14	1,1-Dichloroethane	75-34-3.SEC	1026.30-3	98%	2,512.6 µg/mL	+/- 86.8223
15	2,2-Dichloropropane	594-20-7.SEC	GI01	99%	2,521.5 µg/mL	+/- 87.1314
16	trans-1,2-Dichloroethene	156-60-5.SEC	L5QOH	99%	2,525.0 µg/mL	+/- 87.2523

17	Isobutanol (2-Methyl-1-propanol)	78-83-1.SEC PH2XK	99%	62,830.8	µg/mL	+/- 2,171.1398
18	Chloroform	67-66-3.SEC 1297547	99%	2,511.7	µg/mL	+/- 86.7916
19	Bromochloromethane	74-97-5 * 230206JLM	99%	2,515.7	µg/mL	+/- 86.9298
20	Tetrahydrofuran	109-99-9.SEC 3NYHE	99%	5,018.5	µg/mL	+/- 173.4162
21	1,1,1-Trichloroethane	71-55-6.SEC 13891800	99%	2,506.5	µg/mL	+/- 86.6130
22	Cyclohexane	110-82-7.SEC YADRA	99%	2,523.3	µg/mL	+/- 87.1947
23	1,1-Dichloropropene	563-58-6.SEC 556500	99%	2,520.5	µg/mL	+/- 87.0968
24	Carbon tetrachloride	56-23-5.SEC 11466	99%	2,520.5	µg/mL	+/- 87.0968
25	n-Heptane (C7)	142-82-5.SEC TFHUC	99%	2,516.5	µg/mL	+/- 86.9586
26	1,2-Dichloroethane	107-06-2.SEC 00016165	99%	2,519.8	µg/mL	+/- 87.0738
27	Benzene	71-43-2.SEC 101960P29K	99%	2,518.8	µg/mL	+/- 87.0392
28	Trichloroethene	79-01-6.SEC H04X050	99%	2,524.3	µg/mL	+/- 87.2293
29	Methylcyclohexane	108-87-2.SEC Q02QG	99%	2,515.8	µg/mL	+/- 86.9356
30	1,2-Dichloropropane	78-87-5.SEC ERRBI-RH	99%	2,516.8	µg/mL	+/- 86.9701
31	1,4-Dioxane	123-91-1.SEC QHRWO	99%	50,137.2	µg/mL	+/- 1,732.5061
32	Dibromomethane	74-95-3.SEC MOKKJ	99%	2,516.3	µg/mL	+/- 86.9528
33	cis-1,3-Dichloropropene	10061-01-5.SEC ZLXJ-TJ	99%	2,502.8	µg/mL	+/- 86.4863
34	Toluene	108-88-3.SEC YND2B-BD	99%	2,522.2	µg/mL	+/- 87.1544
35	Ethyl methacrylate	97-63-2.SEC AQSPO	99%	2,510.8	µg/mL	+/- 86.7628
36	trans-1,3-Dichloropropene	10061-02-6.SEC DMSL	98%	2,517.1	µg/mL	+/- 86.9804
37	1,1,2-Trichloroethane	79-00-5.SEC 9245400	99%	2,512.2	µg/mL	+/- 86.8089
38	1,3-Dichloropropane	142-28-9.SEC IQCON	99%	2,519.3	µg/mL	+/- 87.0565
39	Tetrachloroethene	127-18-4.SEC F09W014	99%	2,521.3	µg/mL	+/- 87.1256
40	Dibromochloromethane	124-48-1.SEC 10234064	99%	2,517.5	µg/mL	+/- 86.9932
41	1,2-Dibromoethane (EDB)	106-93-4.SEC 050675P15E	99%	2,518.3	µg/mL	+/- 87.0220
42	Chlorobenzene	108-90-7.SEC 1161936	99%	2,515.8	µg/mL	+/- 86.9356
43	m-Xylene	108-38-3.SEC 7ZV6F	99%	1,255.3	µg/mL	+/- 43.3814
44	p-Xylene	106-42-3.SEC D6UOA	99%	1,260.3	µg/mL	+/- 43.5541
45	Ethylbenzene	100-41-4.SEC PI4SE	99%	2,517.7	µg/mL	+/- 86.9989
46	1,1,1,2-Tetrachloroethane	630-20-6.SEC 13789800	99%	2,517.5	µg/mL	+/- 86.9932
47	o-Xylene	95-47-6.SEC UJ6RI	99%	2,515.8	µg/mL	+/- 86.9356
48	Styrene	100-42-5.SEC QGQ7F	99%	2,521.3	µg/mL	+/- 87.1256
49	Isopropylbenzene (cumene)	98-82-8.SEC 7P24L	99%	2,515.0	µg/mL	+/- 86.9068
50	Bromoform	75-25-2.SEC 13723500	99%	2,522.5	µg/mL	+/- 87.1659
51	Bromodichloromethane	75-27-4.SEC 28128	99%	2,524.2	µg/mL	+/- 87.2235
52	1,1,2,2-Tetrachloroethane	79-34-5.SEC BCCD5088	99%	2,523.7	µg/mL	+/- 87.2063

53	1,2,3-Trichloropropane	96-18-4.SEC 6V2ED	99%	2,522.2 µg/mL	+/- 87.1544
54	trans-1,4-Dichloro-2-butene	110-57-6.SEC RD230316RSR	96%	2,517.0 µg/mL	+/- 86.9745
55	n-Propylbenzene	103-65-1.SEC XCGEC	99%	2,518.8 µg/mL	+/- 87.0392
56	Bromobenzene	108-86-1.SEC 2FUHG-EM	99%	2,518.3 µg/mL	+/- 87.0220
57	1,3,5-Trimethylbenzene	108-67-8.SEC GI2SM	99%	2,514.3 µg/mL	+/- 86.8837
58	2-Chlorotoluene	95-49-8.SEC BRHPM	99%	2,515.7 µg/mL	+/- 86.9298
59	4-Chlorotoluene	106-43-4.SEC S5SKD	99%	2,518.8 µg/mL	+/- 87.0392
60	tert-Butylbenzene	98-06-6.SEC D6OHC	99%	2,522.0 µg/mL	+/- 87.1487
61	1,2,4-Trimethylbenzene	95-63-6.SEC JHZDD	99%	2,517.3 µg/mL	+/- 86.9874
62	sec-Butylbenzene	135-98-8.SEC O4HRF	99%	2,522.0 µg/mL	+/- 87.1487
63	4-Isopropyltoluene (p-cymene)	99-87-6.SEC 13889300	98%	2,518.1 µg/mL	+/- 87.0142
64	1,3-Dichlorobenzene	541-73-1.SEC ZA2ZI	99%	2,515.0 µg/mL	+/- 86.9068
65	1,4-Dichlorobenzene	106-46-7.SEC J5GVD	99%	2,522.5 µg/mL	+/- 87.1659
66	n-Butylbenzene	104-51-8.SEC MMPGA	99%	2,523.7 µg/mL	+/- 87.2063
67	1,2-Dichlorobenzene	95-50-1.SEC R6QDM	99%	2,512.0 µg/mL	+/- 86.8031
68	1,2-Dibromo-3-chloropropane	96-12-8.SEC Q135-105	99%	2,517.7 µg/mL	+/- 86.9989
69	1,2,4-Trichlorobenzene	120-82-1.SEC IGLFA	99%	2,515.7 µg/mL	+/- 86.9298
70	Hexachlorobutadiene	87-68-3.SEC 13889400	97%	2,520.4 µg/mL	+/- 87.0928
71	Naphthalene	91-20-3.SEC AM5NG	99%	2,520.0 µg/mL	+/- 87.0795
72	1,2,3-Trichlorobenzene	87-61-6.SEC A0043055	99%	2,517.8 µg/mL	+/- 87.0047

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant pressure 30 psi

Temp. Program:
40°C (hold 6 min.) to 240°C
@ 6°C/min. (hold 10 min.)

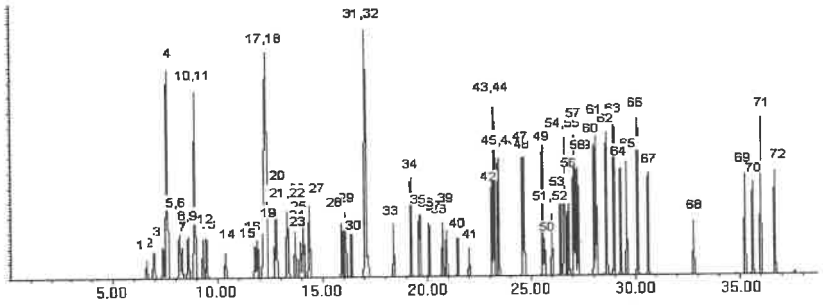
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
20.0 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

John Friedline - Operations Technician I

Date Mixed: 28-Feb-2023 **Balance Serial #** 1127510105

Christie Mills - Operations Tech II - ARM QC

Date Passed: 22-Mar-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Reagent

Mega Mix_00037

RESTEK
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Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0183568

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2024 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Diethyl ether (ethyl ether) **CAS #** 60-29-7 (Lot SHBN4280) **Purity** 99%	2,506.6 µg/mL	+/- 14.5737 µg/mL +/- 151.2358 µg/mL +/- 151.5949 µg/mL	Gravimetric Unstressed Stressed
2	1,1,2-Trichlorotrifluoroethane (CFC-113) **CAS #** 76-13-1 (Lot 00016133) **Purity** 99%	2,514.5 µg/mL	+/- 14.6195 µg/mL +/- 151.7109 µg/mL +/- 152.0711 µg/mL	Gravimetric Unstressed Stressed
3	1,1-dichloroethene **CAS #** 75-35-4 (Lot SHBG8609V) **Purity** 99%	2,515.1 µg/mL	+/- 14.6232 µg/mL +/- 151.7486 µg/mL +/- 152.1089 µg/mL	Gravimetric Unstressed Stressed
4	tert-Butanol (TBA) **CAS #** 75-65-0 (Lot 101619K21F-1) **Purity** 99%	25,080.8 µg/mL	+/- 145.8140 µg/mL +/- 1,513.2321 µg/mL +/- 1,516.8247 µg/mL	Gravimetric Unstressed Stressed
5	Methyl acetate **CAS #** 79-20-9 (Lot SHBM1320) **Purity** 99%	5,026.6 µg/mL	+/- 29.2252 µg/mL +/- 303.2786 µg/mL +/- 303.9986 µg/mL	Gravimetric Unstressed Stressed
6	Iodomethane (methyl iodide) **CAS #** 74-88-4 (Lot RD220125) **Purity** 99%	2,505.3 µg/mL	+/- 14.5657 µg/mL +/- 151.1528 µg/mL +/- 151.5117 µg/mL	Gravimetric Unstressed Stressed
7	Allyl chloride (3-chloropropene) **CAS #** 107-05-1 (Lot RD211021) **Purity** 99%	2,509.1 µg/mL	+/- 14.5883 µg/mL +/- 151.3866 µg/mL +/- 151.7460 µg/mL	Gravimetric Unstressed Stressed

625

8	Methylene chloride (dichloromethane)		2,513.3	µg/mL	+/-	14.6123	µg/mL	Gravimetric
	CAS # 75-09-2	(Lot SHBP1417)			+/-	151.6355	µg/mL	Unstressed
	Purity 99%				+/-	151.9955	µg/mL	Stressed
9	Carbon disulfide		2,510.1	µg/mL	+/-	14.5941	µg/mL	Gravimetric
	CAS # 75-15-0	(Lot N28F701)			+/-	151.4470	µg/mL	Unstressed
	Purity 99%				+/-	151.8065	µg/mL	Stressed
10	Acrylonitrile		25,102.9	µg/mL	+/-	145.9426	µg/mL	Gravimetric
	CAS # 107-13-1	(Lot SHBK4954)			+/-	1,514.5670	µg/mL	Unstressed
	Purity 99%				+/-	1,518.1628	µg/mL	Stressed
11	Methyl-tert-butyl ether (MTBE)		2,513.8	µg/mL	+/-	14.6152	µg/mL	Gravimetric
	CAS # 1634-04-4	(Lot SHBN6497)			+/-	151.6657	µg/mL	Unstressed
	Purity 99%				+/-	152.0258	µg/mL	Stressed
12	cis-1,2-Dichloroethene		2,515.1	µg/mL	+/-	14.6232	µg/mL	Gravimetric
	CAS # 156-59-2	(Lot MKCP7830)			+/-	151.7486	µg/mL	Unstressed
	Purity 99%				+/-	152.1089	µg/mL	Stressed
13	n-Hexane (C6)		2,515.5	µg/mL	+/-	14.6253	µg/mL	Gravimetric
	CAS # 110-54-3	(Lot SHBL9879)			+/-	151.7713	µg/mL	Unstressed
	Purity 99%				+/-	152.1316	µg/mL	Stressed
14	1,1-Dichloroethane		2,517.9	µg/mL	+/-	14.6391	µg/mL	Gravimetric
	CAS # 75-34-3	(Lot 760200)			+/-	151.9146	µg/mL	Unstressed
	Purity 99%				+/-	152.2752	µg/mL	Stressed
15	2,2-Dichloropropane		2,517.9	µg/mL	+/-	14.6391	µg/mL	Gravimetric
	CAS # 594-20-7	(Lot RD211103)			+/-	151.9146	µg/mL	Unstressed
	Purity 99%				+/-	152.2752	µg/mL	Stressed
16	trans-1,2-Dichloroethene		2,511.4	µg/mL	+/-	14.6014	µg/mL	Gravimetric
	CAS # 156-60-5	(Lot MKBH9850V)			+/-	151.5224	µg/mL	Unstressed
	Purity 99%				+/-	151.8821	µg/mL	Stressed
17	Isobutanol (2-Methyl-1-propanol)		62,633.1	µg/mL	+/-	364.1354	µg/mL	Gravimetric
	CAS # 78-83-1	(Lot 098794J01H)			+/-	3,778.9321	µg/mL	Unstressed
	Purity 99%				+/-	3,787.9040	µg/mL	Stressed
18	chloroform		2,510.9	µg/mL	+/-	14.5984	µg/mL	Gravimetric
	CAS # 67-66-3	(Lot SHBN8469)			+/-	151.4922	µg/mL	Unstressed
	Purity 99%				+/-	151.8519	µg/mL	Stressed
19	Bromochloromethane		2,517.0	µg/mL	+/-	14.6341	µg/mL	Gravimetric
	CAS # 74-97-5	(Lot 00008541)			+/-	151.8618	µg/mL	Unstressed
	Purity 99%				+/-	152.2223	µg/mL	Stressed
20	Tetrahydrofuran		5,036.1	µg/mL	+/-	29.2805	µg/mL	Gravimetric
	CAS # 109-99-9	(Lot SHBN3757)			+/-	303.8517	µg/mL	Unstressed
	Purity 99%				+/-	304.5731	µg/mL	Stressed
21	1,1,1-trichloroethane		2,509.6	µg/mL	+/-	14.5912	µg/mL	Gravimetric
	CAS # 71-55-6	(Lot RD220215)			+/-	151.4168	µg/mL	Unstressed
	Purity 99%				+/-	151.7763	µg/mL	Stressed
22	Cyclohexane		2,510.0	µg/mL	+/-	14.5934	µg/mL	Gravimetric
	CAS # 110-82-7	(Lot EA003-US)			+/-	151.4394	µg/mL	Unstressed
	Purity 99%				+/-	151.7990	µg/mL	Stressed
23	1,1-Dichloropropene		2,513.8	µg/mL	+/-	14.6152	µg/mL	Gravimetric
	CAS # 563-58-6	(Lot 220217JLM)			+/-	151.6657	µg/mL	Unstressed
	Purity 99%				+/-	152.0258	µg/mL	Stressed

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24	carbon tetrachloride		2,513.5 µg/mL	+/-	14.6137	µg/mL	Gravimetric
	CAS # 56-23-5	(Lot SHBL8097)		+/-	151.6506	µg/mL	Unstressed
	Purity 99%			+/-	152.0106	µg/mL	Stressed
25	n-Heptane (C7)		2,511.4 µg/mL	+/-	14.6014	µg/mL	Gravimetric
	CAS # 142-82-5	(Lot SGBL9221)		+/-	151.5224	µg/mL	Unstressed
	Purity 99%			+/-	151.8821	µg/mL	Stressed
26	1,2-Dichloroethane		2,514.4 µg/mL	+/-	14.6188	µg/mL	Gravimetric
	CAS # 107-06-2	(Lot MKCN9758)		+/-	151.7034	µg/mL	Unstressed
	Purity 99%			+/-	152.0636	µg/mL	Stressed
27	Benzene		2,509.3 µg/mL	+/-	14.5890	µg/mL	Gravimetric
	CAS # 71-43-2	(Lot MKCM9242)		+/-	151.3942	µg/mL	Unstressed
	Purity 99%			+/-	151.7536	µg/mL	Stressed
28	Trichloroethene		2,507.5 µg/mL	+/-	14.5788	µg/mL	Gravimetric
	CAS # 79-01-6	(Lot SHBL5816)		+/-	151.2886	µg/mL	Unstressed
	Purity 99%			+/-	151.6478	µg/mL	Stressed
29	Methylcyclohexane		2,510.3 µg/mL	+/-	14.5948	µg/mL	Gravimetric
	CAS # 108-87-2	(Lot SHBL0078)		+/-	151.4545	µg/mL	Unstressed
	Purity 99%			+/-	151.8141	µg/mL	Stressed
30	1,2-Dichloropropane		2,510.9 µg/mL	+/-	14.5984	µg/mL	Gravimetric
	CAS # 78-87-5	(Lot BCBR0882V)		+/-	151.4922	µg/mL	Unstressed
	Purity 99%			+/-	151.8519	µg/mL	Stressed
31	1,4-Dioxane		50,187.5 µg/mL	+/-	291.7792	µg/mL	Gravimetric
	CAS # 123-91-1	(Lot SHBM9675)		+/-	3,028.0328	µg/mL	Unstressed
	Purity 99%			+/-	3,035.2219	µg/mL	Stressed
32	Dibromomethane		2,511.0 µg/mL	+/-	14.5992	µg/mL	Gravimetric
	CAS # 74-95-3	(Lot 10201030)		+/-	151.4998	µg/mL	Unstressed
	Purity 99%			+/-	151.8594	µg/mL	Stressed
33	cis-1,3-Dichloropropene		2,513.8 µg/mL	+/-	14.6152	µg/mL	Gravimetric
	CAS # 10061-01-5	(Lot RD220311)		+/-	151.6657	µg/mL	Unstressed
	Purity 99%			+/-	152.0258	µg/mL	Stressed
34	Toluene		2,518.4 µg/mL	+/-	14.6420	µg/mL	Gravimetric
	CAS # 108-88-3	(Lot MKCQ2779)		+/-	151.9447	µg/mL	Unstressed
	Purity 99%			+/-	152.3055	µg/mL	Stressed
35	Ethyl methacrylate		2,511.4 µg/mL	+/-	14.6014	µg/mL	Gravimetric
	CAS # 97-63-2	(Lot MKCL0907)		+/-	151.5224	µg/mL	Unstressed
	Purity 99%			+/-	151.8821	µg/mL	Stressed
36	trans-1,3-Dichloropropene		2,504.5 µg/mL	+/-	14.5615	µg/mL	Gravimetric
	CAS # 10061-02-6	(Lot RD211104)		+/-	151.1083	µg/mL	Unstressed
	Purity 98%			+/-	151.4671	µg/mL	Stressed
37	1,1,2-Trichloroethane		2,513.6 µg/mL	+/-	14.6144	µg/mL	Gravimetric
	CAS # 79-00-5	(Lot FGB01)		+/-	151.6581	µg/mL	Unstressed
	Purity 99%			+/-	152.0182	µg/mL	Stressed
38	1,3-Dichloropropane		2,513.6 µg/mL	+/-	14.6144	µg/mL	Gravimetric
	CAS # 142-28-9	(Lot BCBC6265)		+/-	151.6581	µg/mL	Unstressed
	Purity 99%			+/-	152.0182	µg/mL	Stressed
39	Tetrachloroethene		2,507.5 µg/mL	+/-	14.5788	µg/mL	Gravimetric
	CAS # 127-18-4	(Lot SHBJ7422)		+/-	151.2886	µg/mL	Unstressed
	Purity 99%			+/-	151.6478	µg/mL	Stressed

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40	dibromochloromethane		2,514.8	µg/mL	+/-	14.6210	µg/mL	Gravimetric
	CAS # 124-48-1	(Lot MKCM8659)			+/-	151.7260	µg/mL	Unstressed
	Purity 99%				+/-	152.0862	µg/mL	Stressed
41	1,2-Dibromoethane (EDB)		2,513.9	µg/mL	+/-	14.6159	µg/mL	Gravimetric
	CAS # 106-93-4	(Lot BCCF5058)			+/-	151.6732	µg/mL	Unstressed
	Purity 99%				+/-	152.0333	µg/mL	Stressed
42	Chlorobenzene		2,507.9	µg/mL	+/-	14.5810	µg/mL	Gravimetric
	CAS # 108-90-7	(Lot SHBL8110)			+/-	151.3112	µg/mL	Unstressed
	Purity 99%				+/-	151.6704	µg/mL	Stressed
43	m-Xylene		1,260.0	µg/mL	+/-	7.3257	µg/mL	Gravimetric
	CAS # 108-38-3	(Lot Q13G020)			+/-	76.0214	µg/mL	Unstressed
	Purity 99%				+/-	76.2019	µg/mL	Stressed
44	p-Xylene		1,258.6	µg/mL	+/-	7.3178	µg/mL	Gravimetric
	CAS # 106-42-3	(Lot 10234437)			+/-	75.9384	µg/mL	Unstressed
	Purity 99%				+/-	76.1187	µg/mL	Stressed
45	Ethylbenzene		2,516.0	µg/mL	+/-	14.6282	µg/mL	Gravimetric
	CAS # 100-41-4	(Lot SHBM4308)			+/-	151.8014	µg/mL	Unstressed
	Purity 99%				+/-	152.1618	µg/mL	Stressed
46	1,1,1,2-Tetrachloroethane		2,519.1	µg/mL	+/-	14.6464	µg/mL	Gravimetric
	CAS # 630-20-6	(Lot TMWGK)			+/-	151.9900	µg/mL	Unstressed
	Purity 99%				+/-	152.3508	µg/mL	Stressed
47	o-Xylene		2,513.5	µg/mL	+/-	14.6134	µg/mL	Gravimetric
	CAS # 95-47-6	(Lot SHBN5105)			+/-	151.6479	µg/mL	Unstressed
	Purity 98%				+/-	152.0079	µg/mL	Stressed
48	Styrene		2,509.1	µg/mL	+/-	14.5883	µg/mL	Gravimetric
	CAS # 100-42-5	(Lot MKCP3941)			+/-	151.3866	µg/mL	Unstressed
	Purity 99%				+/-	151.7460	µg/mL	Stressed
49	Isopropylbenzene (cumene)		2,518.5	µg/mL	+/-	14.6428	µg/mL	Gravimetric
	CAS # 98-82-8	(Lot Z20D022)			+/-	151.9523	µg/mL	Unstressed
	Purity 99%				+/-	152.3130	µg/mL	Stressed
50	bromoform		2,511.0	µg/mL	+/-	14.5992	µg/mL	Gravimetric
	CAS # 75-25-2	(Lot SHBK4455)			+/-	151.5001	µg/mL	Unstressed
	Purity 98%				+/-	151.8597	µg/mL	Stressed
51	bromodichloromethane		2,518.1	µg/mL	+/-	14.6406	µg/mL	Gravimetric
	CAS # 75-27-4	(Lot MKCM7156)			+/-	151.9296	µg/mL	Unstressed
	Purity 99%				+/-	152.2903	µg/mL	Stressed
52	1,1,2,2-Tetrachloroethane		2,515.5	µg/mL	+/-	14.6253	µg/mL	Gravimetric
	CAS # 79-34-5	(Lot CFA4D)			+/-	151.7713	µg/mL	Unstressed
	Purity 99%				+/-	152.1316	µg/mL	Stressed
53	1,2,3-Trichloropropane		2,512.5	µg/mL	+/-	14.6079	µg/mL	Gravimetric
	CAS # 96-18-4	(Lot 332900)			+/-	151.5903	µg/mL	Unstressed
	Purity 99%				+/-	151.9502	µg/mL	Stressed
54	trans-1,4-dichloro-2-butene		2,511.8	µg/mL	+/-	14.6038	µg/mL	Gravimetric
	CAS # 110-57-6	(Lot RD220405A)			+/-	151.5480	µg/mL	Unstressed
	Purity 95%				+/-	151.9078	µg/mL	Stressed
55	n-Propylbenzene		2,515.6	µg/mL	+/-	14.6261	µg/mL	Gravimetric
	CAS # 103-65-1	(Lot MKCN1126)			+/-	151.7788	µg/mL	Unstressed
	Purity 99%				+/-	152.1392	µg/mL	Stressed

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56	Bromobenzene		2,516.9	µg/mL	+/-	14.6333	µg/mL	Gravimetric
	CAS # 108-86-1	(Lot MKBD4032V)			+/-	151.8542	µg/mL	Unstressed
	Purity 99%				+/-	152.2147	µg/mL	Stressed
57	1,3,5-Trimethylbenzene		2,512.3	µg/mL	+/-	14.6064	µg/mL	Gravimetric
	CAS # 108-67-8	(Lot BCCD0427)			+/-	151.5752	µg/mL	Unstressed
	Purity 99%				+/-	151.9350	µg/mL	Stressed
58	2-Chlorotoluene		2,510.9	µg/mL	+/-	14.5984	µg/mL	Gravimetric
	CAS # 95-49-8	(Lot MKCF5243)			+/-	151.4922	µg/mL	Unstressed
	Purity 99%				+/-	151.8519	µg/mL	Stressed
59	4-Chlorotoluene		2,513.1	µg/mL	+/-	14.6115	µg/mL	Gravimetric
	CAS # 106-43-4	(Lot MKCC8496)			+/-	151.6280	µg/mL	Unstressed
	Purity 99%				+/-	151.9880	µg/mL	Stressed
60	tert-Butylbenzene		2,514.6	µg/mL	+/-	14.6202	µg/mL	Gravimetric
	CAS # 98-06-6	(Lot STBD6954V)			+/-	151.7185	µg/mL	Unstressed
	Purity 99%				+/-	152.0787	µg/mL	Stressed
61	1,2,4-Trimethylbenzene		2,517.1	µg/mL	+/-	14.6348	µg/mL	Gravimetric
	CAS # 95-63-6	(Lot WXBC9428V)			+/-	151.8696	µg/mL	Unstressed
	Purity 98%				+/-	152.2302	µg/mL	Stressed
62	sec-Butylbenzene		2,519.3	µg/mL	+/-	14.6471	µg/mL	Gravimetric
	CAS # 135-98-8	(Lot MKCN2920)			+/-	151.9975	µg/mL	Unstressed
	Purity 99%				+/-	152.3584	µg/mL	Stressed
63	p-Isopropyltoluene (p-Cymene)		2,512.0	µg/mL	+/-	14.6050	µg/mL	Gravimetric
	CAS # 99-87-6	(Lot MKCP6638)			+/-	151.5601	µg/mL	Unstressed
	Purity 99%				+/-	151.9199	µg/mL	Stressed
64	1,3-Dichlorobenzene		2,515.5	µg/mL	+/-	14.6253	µg/mL	Gravimetric
	CAS # 541-73-1	(Lot BCBZ7498)			+/-	151.7713	µg/mL	Unstressed
	Purity 99%				+/-	152.1316	µg/mL	Stressed
65	1,4-Dichlorobenzene		2,513.4	µg/mL	+/-	14.6130	µg/mL	Gravimetric
	CAS # 106-46-7	(Lot MKBS4401V)			+/-	151.6431	µg/mL	Unstressed
	Purity 99%				+/-	152.0031	µg/mL	Stressed
66	n-Butylbenzene		2,511.0	µg/mL	+/-	14.5992	µg/mL	Gravimetric
	CAS # 104-51-8	(Lot 09418JJ)			+/-	151.4998	µg/mL	Unstressed
	Purity 99%				+/-	151.8594	µg/mL	Stressed
67	1,2-Dichlorobenzene		2,511.4	µg/mL	+/-	14.6014	µg/mL	Gravimetric
	CAS # 95-50-1	(Lot SHBN3835)			+/-	151.5224	µg/mL	Unstressed
	Purity 99%				+/-	151.8821	µg/mL	Stressed
68	1,2-Dibromo-3-chloropropane		2,512.4	µg/mL	+/-	14.6074	µg/mL	Gravimetric
	CAS # 96-12-8	(Lot HBMVB)			+/-	151.5855	µg/mL	Unstressed
	Purity 97%				+/-	151.9454	µg/mL	Stressed
69	1,2,4-Trichlorobenzene		2,510.4	µg/mL	+/-	14.5955	µg/mL	Gravimetric
	CAS # 120-82-1	(Lot SHBM0526)			+/-	151.4620	µg/mL	Unstressed
	Purity 99%				+/-	151.8216	µg/mL	Stressed
70	Hexachlorobutadiene		2,509.3	µg/mL	+/-	14.5890	µg/mL	Gravimetric
	CAS # 87-68-3	(Lot X05J)			+/-	151.3942	µg/mL	Unstressed
	Purity 99%				+/-	151.7536	µg/mL	Stressed
71	Naphthalene		2,520.6	µg/mL	+/-	14.6551	µg/mL	Gravimetric
	CAS # 91-20-3	(Lot MKCH0219)			+/-	152.0805	µg/mL	Unstressed
	Purity 99%				+/-	152.4415	µg/mL	Stressed

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72	1,2,3-Trichlorobenzene		2,513.0 µg/mL	+/-	14.6108	µg/mL	Gravimetric
	CAS # 87-61-6	(Lot MKBX7627V)		+/-	151.6204	µg/mL	Unstressed
	Purity 99%			+/-	151.9804	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

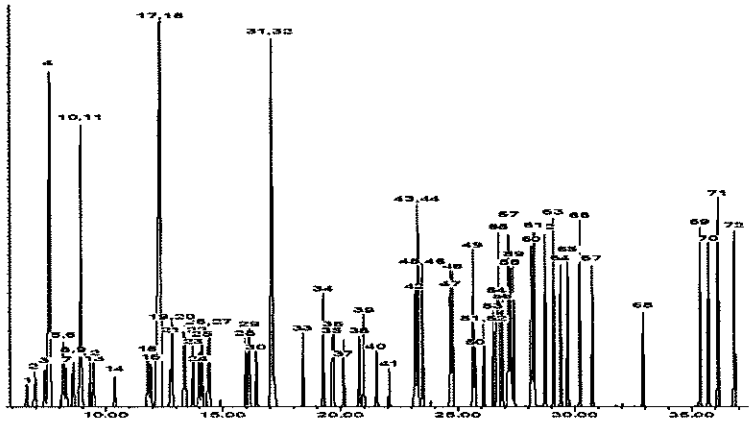
Carrier Gas:
helium-constant pressure 30 psi

Temp. Program:
40°C (hold 6 min.) to 240°C
@ 6°C/min. (hold 10 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

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Tom Suckar - Mix Technician

Date Mixed: 31-Mar-2022 **Balance:** B707717271

Date Passed: 21-Apr-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

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Reagent

POLAR ADD_00026

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2466

1/25/2024 MS # 11479995

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0194786

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBH6233	99%	25,178.4 µg/mL	+/- 411.7151
2	Diisopropyl ether (DIPE)	108-20-3	STBK3450	99%	2,519.2 µg/mL	+/- 41.2058
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCP5997	99%	2,512.8 µg/mL	+/- 41.1011
4	Propionitrile	107-12-0	BCCF4167	99%	25,095.6 µg/mL	+/- 410.3612
5	tert-Amyl alcohol	75-85-4	STBB1898V	99%	25,105.6 µg/mL	+/- 410.5247
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBG7745V	99%	2,514.0 µg/mL	+/- 41.1207

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

TBA AB_00007

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 90766
Lot Number: 111120
Description: tert-Butyl alcohol (t-Butanol)
(2-Methyl-2-propanol)
Expiration Date: 111125
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 20000
NIST Test ID#: 23060

Solvent(s): **Lot#**
Methanol DY186-US

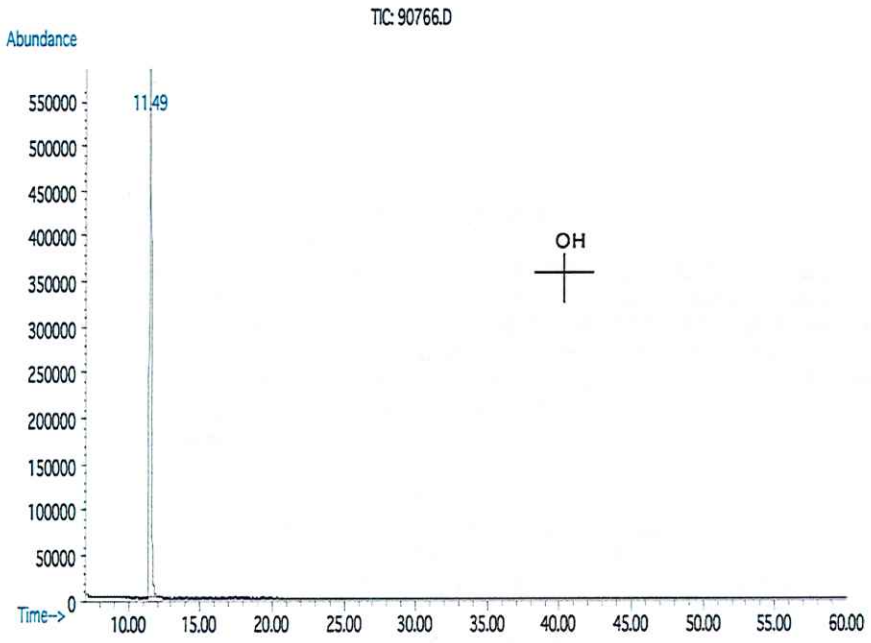
R 2420
MS 7120123 #10991629

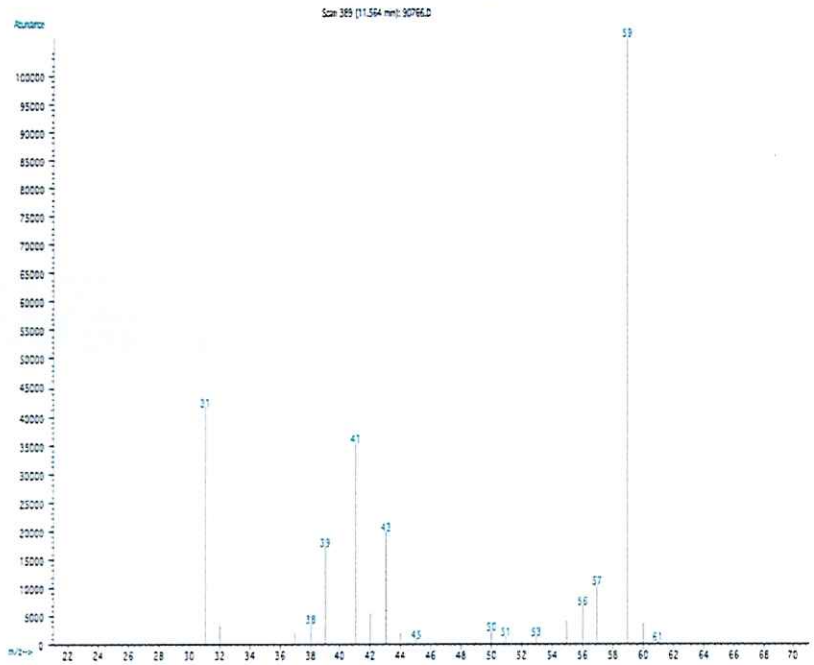
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 200.0 0.058 Flask Uncertainty

Formulated By:	Eli Aliaga	111120 DATE
Reviewed By:	Pedro L. Rentas	111120 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. tert-Butyl alcohol (t-Butanol)	988	21796PMV	20000	99	0.2	4.04024	4.04070	20002.3	81.6	75-65-0	100 ppm (300mg/m3/8H)	orl-rat 3500mg/kg

Method: GC6MSD-1. **Detector:** MSD. **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1=10min.), Temp. 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

Vinyl Acetate_00097

R2448

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0200199

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD220630	99%	5,036.0 µg/mL	+/- 174.0672

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

3/20/2024
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CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

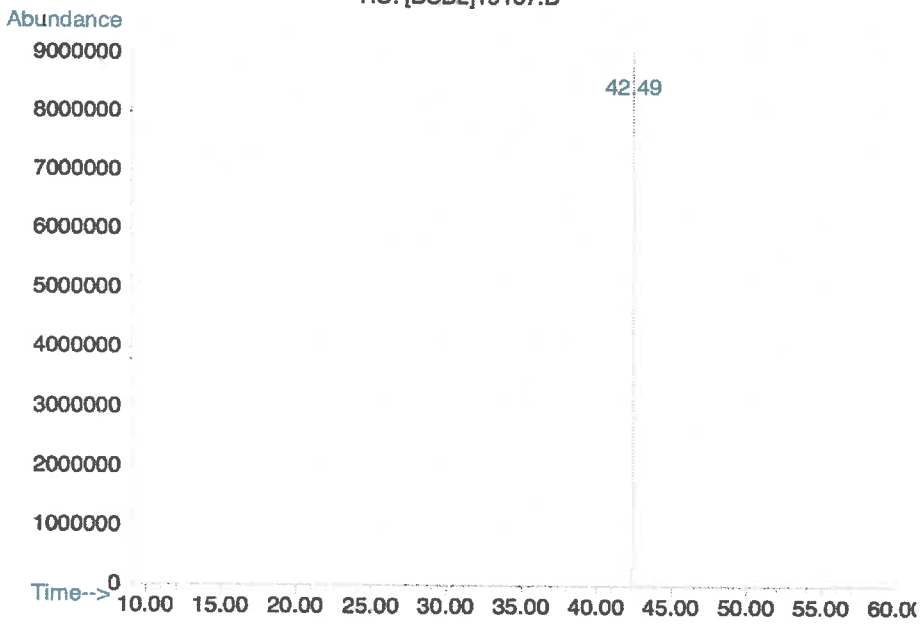
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	030822
Formulated By: Benson Chan	DATE
	030822
Reviewed By: Pedro L. Rentas	DATE

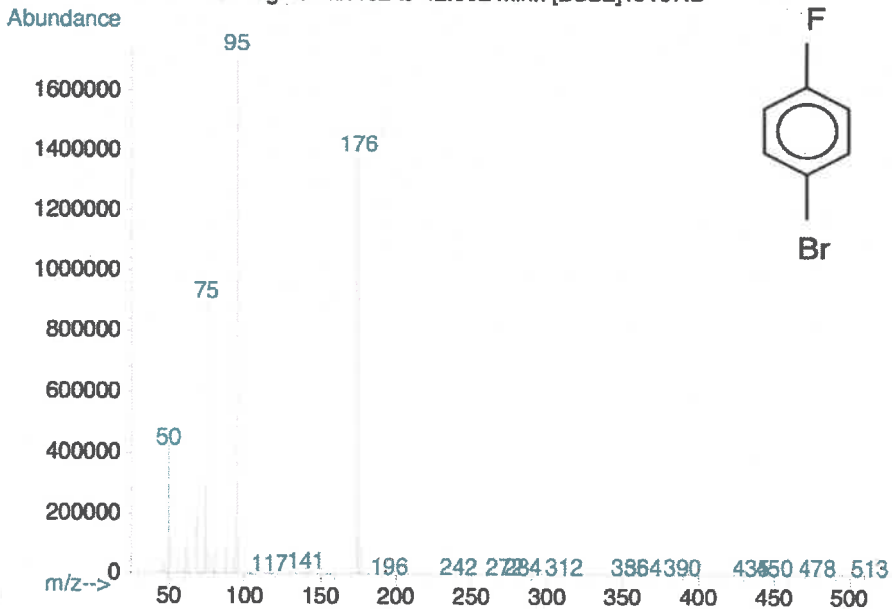
	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	orl-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.

TIC: [BSB2]19167.D



Average of 42.462 to 42.502 min.: [BSB2]19167.D



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-06_20240314	460-300167-1	103	106	98	95
MW-07_20240314	460-300167-2	104	107	96	88
MW-08_20240314	460-300167-3	90	92	86	77
TB-01_20240314	460-300167-4	97	102	97	91
FB-01_20240314	460-300167-5	105	106	101	95
DUP-01_20240314	460-300167-6	104	105	97	90
	MB 460-964707/9	106	105	99	91
	LCS 460-964707/4	102	103	102	99
	LCSD 460-964707/5	100	106	105	96
MW-06_20240314 MS	460-300167-1 MS	94	98	102	97
MW-06_20240314 MSD	460-300167-1 MSD	99	96	95	99

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J02162.D

Lab ID: LCS 460-964707/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.8	104	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.5	112	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	24.2	121	51-142	
1,1,2-Trichloroethane	20.0	21.0	105	74-125	
1,1-Dichloroethane	20.0	23.8	119	73-130	
1,1-Dichloroethene	20.0	23.6	118	68-133	
1,2,3-Trichlorobenzene	20.0	24.0	120	52-120	
1,2,4-Trichlorobenzene	20.0	23.1	116	67-132	
1,2,4-Trimethylbenzene	20.0	24.0	120	75-125	
1,2-Dibromo-3-Chloropropane	20.0	22.3	111	58-132	
1,2-Dichlorobenzene	20.0	22.7	113	80-120	
1,2-Dichloroethane	20.0	21.1	105	66-129	
1,2-Dichloropropane	20.0	23.0	115	68-128	
1,3,5-Trimethylbenzene	20.0	24.2	121	75-125	
1,3-Dichlorobenzene	20.0	22.2	111	80-120	
1,4-Dichlorobenzene	20.0	20.8	104	80-120	
2-Butanone (MEK)	100	109	109	61-142	
2-Hexanone	100	129	129	61-134	
4-Methyl-2-pentanone (MIBK)	100	119	119	69-139	
Acetone	100	121	121	49-149	
Benzene	20.0	19.8	99	71-126	
Bromoform	20.0	20.5	102	58-136	
Bromomethane	20.0	21.2	106	10-120	
Carbon disulfide	20.0	22.0	110	68-138	
Carbon tetrachloride	20.0	21.5	107	65-142	
Chlorobenzene	20.0	21.0	105	80-120	
Chlorobromomethane	20.0	21.5	108	76-134	
Chlorodibromomethane	20.0	20.6	103	69-130	
Chloroethane	20.0	24.2	121	48-150	
Chloroform	20.0	22.4	112	78-125	
Chloromethane	20.0	21.1	106	43-140	
cis-1,2-Dichloroethene	20.0	21.4	107	78-121	
cis-1,3-Dichloropropene	20.0	20.7	104	74-125	
Cyclohexane	20.0	19.9	99	60-142	
Dichlorobromomethane	20.0	21.4	107	76-121	
Dichlorodifluoromethane	20.0	18.9	95	27-120	
Ethylbenzene	20.0	21.5	108	78-120	
Ethylene Dibromide	20.0	20.5	102	79-126	
Isopropylbenzene	20.0	23.0	115	79-125	
Methyl acetate	40.0	34.3	86	43-120	
Methyl tert-butyl ether	20.0	22.9	114	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J02162.D

Lab ID: LCS 460-964707/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	20.9	105	49-149	
Methylene Chloride	20.0	27.6	138	74-127	*
m-Xylene & p-Xylene	20.0	21.9	109	78-120	
n-Butylbenzene	20.0	23.4	117	69-135	
N-Propylbenzene	20.0	24.1	120	68-129	
o-Xylene	20.0	22.1	111	78-120	
sec-Butylbenzene	20.0	24.2	121	68-129	
Styrene	20.0	22.1	110	82-127	
tert-Butylbenzene	20.0	23.6	118	62-120	
Tetrachloroethene	20.0	20.1	101	70-127	
Toluene	20.0	20.5	103	78-120	
trans-1,2-Dichloroethene	20.0	20.2	101	74-126	
trans-1,3-Dichloropropene	20.0	20.5	102	66-127	
Trichloroethene	20.0	20.2	101	51-121	
Trichlorofluoromethane	20.0	22.5	113	50-120	
Vinyl chloride	20.0	23.5	117	55-144	
Xylenes, Total	40.0	44.0	110	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J02163.D

Lab ID: LCSD 460-964707/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.0	95	9	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.6	113	0	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.6	98	21	30	51-142	
1,1,2-Trichloroethane	20.0	20.7	103	1	30	74-125	
1,1-Dichloroethane	20.0	21.8	109	9	30	73-130	
1,1-Dichloroethene	20.0	21.5	107	9	30	68-133	
1,2,3-Trichlorobenzene	20.0	22.5	112	7	30	52-120	
1,2,4-Trichlorobenzene	20.0	22.1	110	5	30	67-132	
1,2,4-Trimethylbenzene	20.0	22.6	113	6	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	21.1	106	5	30	58-132	
1,2-Dichlorobenzene	20.0	20.5	102	10	30	80-120	
1,2-Dichloroethane	20.0	20.3	102	4	30	66-129	
1,2-Dichloropropane	20.0	21.1	105	9	30	68-128	
1,3,5-Trimethylbenzene	20.0	23.2	116	4	30	75-125	
1,3-Dichlorobenzene	20.0	20.2	101	10	30	80-120	
1,4-Dichlorobenzene	20.0	19.8	99	5	30	80-120	
2-Butanone (MEK)	100	99.5	99	9	30	61-142	
2-Hexanone	100	110	110	16	30	61-134	
4-Methyl-2-pentanone (MIBK)	100	111	111	7	30	69-139	
Acetone	100	115	115	6	30	49-149	
Benzene	20.0	20.2	101	2	30	71-126	
Bromoform	20.0	20.1	100	2	30	58-136	
Bromomethane	20.0	19.9	100	6	30	10-120	
Carbon disulfide	20.0	16.4	82	29	30	68-138	
Carbon tetrachloride	20.0	18.7	93	14	30	65-142	
Chlorobenzene	20.0	19.5	97	7	30	80-120	
Chlorobromomethane	20.0	20.2	101	6	30	76-134	
Chlorodibromomethane	20.0	19.6	98	5	30	69-130	
Chloroethane	20.0	22.5	112	7	30	48-150	
Chloroform	20.0	20.7	104	8	30	78-125	
Chloromethane	20.0	18.8	94	12	30	43-140	
cis-1,2-Dichloroethene	20.0	20.1	101	6	30	78-121	
cis-1,3-Dichloropropene	20.0	20.3	102	2	30	74-125	
Cyclohexane	20.0	17.0	85	15	30	60-142	
Dichlorobromomethane	20.0	20.3	101	5	30	76-121	
Dichlorodifluoromethane	20.0	15.0	75	23	30	27-120	
Ethylbenzene	20.0	21.1	105	2	30	78-120	
Ethylene Dibromide	20.0	20.1	100	2	30	79-126	
Isopropylbenzene	20.0	20.6	103	11	30	79-125	
Methyl acetate	40.0	33.9	85	1	30	43-120	
Methyl tert-butyl ether	20.0	21.3	106	7	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J02163.D

Lab ID: LCSD 460-964707/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	17.5	88	18	30	49-149	
Methylene Chloride	20.0	20.2	101	31	30	74-127	*
m-Xylene & p-Xylene	20.0	20.6	103	6	30	78-120	
n-Butylbenzene	20.0	22.4	112	4	30	69-135	
N-Propylbenzene	20.0	22.1	110	9	30	68-129	
o-Xylene	20.0	20.5	102	8	30	78-120	
sec-Butylbenzene	20.0	22.6	113	7	30	68-129	
Styrene	20.0	20.4	102	8	30	82-127	
tert-Butylbenzene	20.0	21.4	107	10	30	62-120	
Tetrachloroethene	20.0	19.2	96	5	30	70-127	
Toluene	20.0	19.9	99	3	30	78-120	
trans-1,2-Dichloroethene	20.0	18.9	94	7	30	74-126	
trans-1,3-Dichloropropene	20.0	20.8	104	1	30	66-127	
Trichloroethene	20.0	19.6	98	3	30	51-121	
Trichlorofluoromethane	20.0	20.9	104	7	30	50-120	
Vinyl chloride	20.0	19.8	99	17	30	55-144	
Xylenes, Total	40.0	41.1	103	7	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J02188.D

Lab ID: 460-300167-1 MS Client ID: MW-06_20240314 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	17.7	89	72-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	20.7	103	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	20.6	103	51-142	
1,1,2-Trichloroethane	20.0	1.0 U	21.5	108	74-125	
1,1-Dichloroethane	20.0	1.0 U	24.5	123	73-130	
1,1-Dichloroethene	20.0	1.0 U	23.0	115	68-133	
1,2,3-Trichlorobenzene	20.0	1.0 U	18.8	94	52-120	
1,2,4-Trichlorobenzene	20.0	1.0 U	19.3	96	67-132	
1,2,4-Trimethylbenzene	20.0	2.3	22.9	103	75-125	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	18.6	93	58-132	
1,2-Dichlorobenzene	20.0	1.0 U	19.2	96	80-120	
1,2-Dichloroethane	20.0	1.0 U	18.4	92	66-129	
1,2-Dichloropropane	20.0	1.0 U	20.2	101	68-128	
1,3,5-Trimethylbenzene	20.0	1.0	22.1	105	75-125	
1,3-Dichlorobenzene	20.0	1.0 U	19.4	97	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	18.4	92	80-120	
2-Butanone (MEK)	100	5.0 U	91.3	91	61-142	
2-Hexanone	100	5.0 U	95.3	95	61-134	
4-Methyl-2-pentanone (MIBK)	100	5.0 U	103	103	69-139	
Acetone	100	5.0 U	86.5	86	49-149	
Benzene	20.0	1.0 U	20.3	101	71-126	
Bromoform	20.0	1.0 U	19.2	96	58-136	
Bromomethane	20.0	1.0 U	16.0	80	10-120	
Carbon disulfide	20.0	1.0 U	17.6	88	68-138	
Carbon tetrachloride	20.0	1.0 U	18.7	93	65-142	
Chlorobenzene	20.0	1.0 U	19.2	96	80-120	
Chlorobromomethane	20.0	1.0 U	18.6	93	76-134	
Chlorodibromomethane	20.0	1.0 U	19.4	97	69-130	
Chloroethane	20.0	1.0 U	20.7	103	48-150	
Chloroform	20.0	0.54 J	19.0	93	78-125	
Chloromethane	20.0	1.0 U	15.9	79	43-140	
cis-1,2-Dichloroethene	20.0	0.45 J	18.8	92	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	19.5	98	74-125	
Cyclohexane	20.0	1.0 U	16.8	84	60-142	
Dichlorobromomethane	20.0	1.0 U	18.6	93	76-121	
Dichlorodifluoromethane	20.0	1.0 U	15.4	77	27-120	
Ethylbenzene	20.0	1.0 U	19.7	99	78-120	
Ethylene Dibromide	20.0	1.0 U	20.2	101	79-126	
Isopropylbenzene	20.0	1.0 U	20.5	102	79-125	
Methyl acetate	40.0	5.0 U	34.0	85	43-120	
Methyl tert-butyl ether	20.0	1.0 U	24.6	123	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J02188.D

Lab ID: 460-300167-1 MS Client ID: MW-06_20240314 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	1.0 U	17.9	90	49-149	
Methylene Chloride	20.0	1.0 U	24.0	120	74-127	
m-Xylene & p-Xylene	20.0	1.0 U	20.4	102	78-120	
n-Butylbenzene	20.0	0.57 J	20.4	99	69-135	
N-Propylbenzene	20.0	0.52 J	21.2	103	68-129	
o-Xylene	20.0	1.0 U	19.7	98	78-120	
sec-Butylbenzene	20.0	1.0 U	21.0	105	68-129	
Styrene	20.0	1.0 U	20.7	104	82-127	
tert-Butylbenzene	20.0	1.0 U	20.4	102	62-120	
Tetrachloroethene	20.0	52	70.7	95	70-127	
Toluene	20.0	1.0 U	20.6	103	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	19.2	96	74-126	
trans-1,3-Dichloropropene	20.0	1.0 U	19.3	96	66-127	
Trichloroethene	20.0	0.88 J	19.3	92	51-121	
Trichlorofluoromethane	20.0	1.0 U	20.5	103	50-120	
Vinyl chloride	20.0	1.0 U	18.4	92	55-144	
Xylenes, Total	40.0	2.0 U	40.1	100	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J02189.D

Lab ID: 460-300167-1 MSD Client ID: MW-06_20240314 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.6	103	15	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	21.8	109	6	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.5	117	13	30	51-142	
1,1,2-Trichloroethane	20.0	21.3	106	1	30	74-125	
1,1-Dichloroethane	20.0	23.9	119	3	30	73-130	
1,1-Dichloroethene	20.0	23.5	118	2	30	68-133	
1,2,3-Trichlorobenzene	20.0	21.9	110	15	30	52-120	
1,2,4-Trichlorobenzene	20.0	21.1	106	9	30	67-132	
1,2,4-Trimethylbenzene	20.0	25.0	114	9	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	19.8	99	6	30	58-132	
1,2-Dichlorobenzene	20.0	20.4	102	6	30	80-120	
1,2-Dichloroethane	20.0	20.9	104	13	30	66-129	
1,2-Dichloropropane	20.0	20.5	103	2	30	68-128	
1,3,5-Trimethylbenzene	20.0	23.3	111	5	30	75-125	
1,3-Dichlorobenzene	20.0	20.4	102	5	30	80-120	
1,4-Dichlorobenzene	20.0	20.0	100	8	30	80-120	
2-Butanone (MEK)	100	94.0	94	3	30	61-142	
2-Hexanone	100	117	117	21	30	61-134	
4-Methyl-2-pentanone (MIBK)	100	115	115	11	30	69-139	
Acetone	100	97.7	98	12	30	49-149	
Benzene	20.0	18.5	93	9	30	71-126	
Bromoform	20.0	20.9	105	9	30	58-136	
Bromomethane	20.0	21.8	109	31	30	10-120	*
Carbon disulfide	20.0	21.4	107	19	30	68-138	
Carbon tetrachloride	20.0	21.2	106	13	30	65-142	
Chlorobenzene	20.0	20.4	102	6	30	80-120	
Chlorobromomethane	20.0	20.7	103	11	30	76-134	
Chlorodibromomethane	20.0	19.2	96	1	30	69-130	
Chloroethane	20.0	23.7	119	14	30	48-150	
Chloroform	20.0	21.3	104	11	30	78-125	
Chloromethane	20.0	19.7	98	21	30	43-140	
cis-1,2-Dichloroethene	20.0	21.0	103	11	30	78-121	
cis-1,3-Dichloropropene	20.0	18.6	93	5	30	74-125	
Cyclohexane	20.0	18.1	90	7	30	60-142	
Dichlorobromomethane	20.0	21.1	105	13	30	76-121	
Dichlorodifluoromethane	20.0	18.1	91	17	30	27-120	
Ethylbenzene	20.0	21.3	107	8	30	78-120	
Ethylene Dibromide	20.0	20.1	101	0	30	79-126	
Isopropylbenzene	20.0	22.1	110	8	30	79-125	
Methyl acetate	40.0	30.7	77	10	30	43-120	
Methyl tert-butyl ether	20.0	26.3	131	7	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J02189.D

Lab ID: 460-300167-1 MSD Client ID: MW-06_20240314 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	17.6	88	2	30	49-149	
Methylene Chloride	20.0	28.1	141	16	30	74-127	*
m-Xylene & p-Xylene	20.0	21.8	109	7	30	78-120	
n-Butylbenzene	20.0	22.3	108	9	30	69-135	
N-Propylbenzene	20.0	22.0	108	4	30	68-129	
o-Xylene	20.0	21.1	105	7	30	78-120	
sec-Butylbenzene	20.0	22.9	114	9	30	68-129	
Styrene	20.0	20.7	103	0	30	82-127	
tert-Butylbenzene	20.0	22.0	110	7	30	62-120	
Tetrachloroethene	20.0	69.2	87	2	30	70-127	
Toluene	20.0	19.6	98	5	30	78-120	
trans-1,2-Dichloroethene	20.0	24.8	124	26	30	74-126	
trans-1,3-Dichloropropene	20.0	19.2	96	1	30	66-127	
Trichloroethene	20.0	20.9	100	8	30	51-121	
Trichlorofluoromethane	20.0	22.1	110	7	30	50-120	
Vinyl chloride	20.0	21.9	109	17	30	55-144	
Xylenes, Total	40.0	42.9	107	7	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Lab File ID: J02167.D Lab Sample ID: MB 460-964707/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 03/18/2024 23:26

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-964707/4	J02162.D	03/18/2024 21:20
	LCSD 460-964707/5	J02163.D	03/18/2024 21:45
FB-01_20240314	460-300167-5	J02170.D	03/19/2024 00:46
TB-01_20240314	460-300167-4	J02171.D	03/19/2024 01:11
MW-06_20240314	460-300167-1	J02180.D	03/19/2024 04:58
MW-08_20240314	460-300167-3	J02181.D	03/19/2024 05:23
MW-07_20240314	460-300167-2	J02182.D	03/19/2024 05:49
DUP-01_20240314	460-300167-6	J02183.D	03/19/2024 06:14
MW-06_20240314 MS	460-300167-1 MS	J02188.D	03/19/2024 08:20
MW-06_20240314 MSD	460-300167-1 MSD	J02189.D	03/19/2024 08:45

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Lab File ID: J02052.D BFB Injection Date: 03/14/2024

Instrument ID: CVOAMS8 BFB Injection Time: 09:16

Analysis Batch No.: 964051

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	105.8
96	5 - 9% of m/z 95	6.0
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	94.5
175	5 - 9% of m/z 174	8.8
176	95 -105% of m/z 174	95.1
177	5 - 10% of m/z 176	7.1

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-964051/3	J02054.D	03/14/2024	11:30
	STD1 460-964051/4	J02055.D	03/14/2024	11:55
	STD5 460-964051/5	J02056.D	03/14/2024	12:20
	STD20 460-964051/6	J02057.D	03/14/2024	12:45
	STD200 460-964051/8	J02059.D	03/14/2024	13:35
	STD500 460-964051/9	J02060.D	03/14/2024	14:01
	STD50 460-964051/18	J02068.D	03/14/2024	17:38
	ICV 460-964051/17	J02069.D	03/14/2024	18:04

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Sample No.: STD20 460-964051/6 Date Analyzed: 03/14/2024 12:45

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J02057.D Heated Purge: (Y/N) N

Calibration ID: 96339

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		177644	2.36	319823	3.26	657686	4.27
UPPER LIMIT		355288	2.86	639646	3.76	1315372	4.77
LOWER LIMIT		88822	1.86	159912	2.76	328843	3.77
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-964051/17		173471	2.36	272503	3.27	596937	4.28

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Sample No.: STD20 460-964051/6 Date Analyzed: 03/14/2024 12:45

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J02057.D Heated Purge: (Y/N) N

Calibration ID: 96339

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		30513	4.98	518589	7.93	275975	10.33
UPPER LIMIT		61026	5.48	1037178	8.43	551950	10.83
LOWER LIMIT		15257	4.48	259295	7.43	137988	9.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-964051/17		29269	4.98	505263	7.93	283696	10.33

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Sample No.: CCVIS 460-964707/3 Date Analyzed: 03/18/2024 20:54

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J02161.D Heated Purge: (Y/N) N

Calibration ID: 96339

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		213694	2.37	352343	3.27	657656	4.28
UPPER LIMIT		427388	2.87	704686	3.77	1315312	4.78
LOWER LIMIT		106847	1.87	176172	2.77	328828	3.78
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-964707/4		256076	2.37	345680	3.27	681622	4.28
LCSD 460-964707/5		232396	2.37	395728	3.27	730242	4.28
MB 460-964707/9		290881	2.37	348463	3.27	632226	4.28
460-300167-5	FB-01_20240314	280142	2.37	343267	3.27	615509	4.29
460-300167-4	TB-01_20240314	209220	2.37	370088	3.27	683951	4.28
460-300167-1	MW-06_20240314	262078	2.37	321686	3.27	607563	4.28
460-300167-3	MW-08_20240314	204832	2.37	361651	3.27	638201	4.28
460-300167-2	MW-07_20240314	278747	2.37	340515	3.27	589814	4.28
460-300167-6	DUP-01_20240314	246406	2.37	355734	3.27	632927	4.28
460-300167-1 MS	MW-06_20240314 MS	305496	2.37	404087	3.27	764778	4.28
460-300167-1 MSD	MW-06_20240314 MSD	262424	2.37	336353	3.27	647293	4.28

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Sample No.: CCVIS 460-964707/3 Date Analyzed: 03/18/2024 20:54

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J02161.D Heated Purge: (Y/N) N

Calibration ID: 96339

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		33682	4.99	538010	7.95	280308	10.34
UPPER LIMIT		67364	5.49	1076020	8.45	560616	10.84
LOWER LIMIT		16841	4.49	269005	7.45	140154	9.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-964707/4		35912	4.99	546414	7.94	280067	10.33
LCSD 460-964707/5		32944	4.99	560044	7.94	279504	10.34
MB 460-964707/9		32729	4.98	518880	7.94	255807	10.34
460-300167-5	FB-01_20240314	29987	4.99	501174	7.94	255115	10.34
460-300167-4	TB-01_20240314	30545	4.99	512011	7.94	257998	10.34
460-300167-1	MW-06_20240314	29006	4.99	486061	7.94	257568	10.34
460-300167-3	MW-08_20240314	29193	4.99	494685	7.94	253297	10.34
460-300167-2	MW-07_20240314	28550	5.00	488657	7.95	248436	10.34
460-300167-6	DUP-01_20240314	28783	4.99	494327	7.95	253153	10.34
460-300167-1 MS	MW-06_20240314 MS	33951	4.98	545997	7.94	279618	10.34
460-300167-1 MSD	MW-06_20240314 MSD	34353	4.99	520379	7.94	280150	10.33

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: MW-06_20240314 | Lab Sample ID: 460-300167-1

Matrix: Water | Lab File ID: J02180.D

Analysis Method: 8260D | Date Collected: 03/14/2024 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 04:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	2.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0		1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.54	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.45	J	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: MW-06_20240314 | Lab Sample ID: 460-300167-1

Matrix: Water | Lab File ID: J02180.D

Analysis Method: 8260D | Date Collected: 03/14/2024 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 04:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U *	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	0.57	J	1.0	0.32
103-65-1	N-Propylbenzene	0.52	J	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	52		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.88	J	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D
Lims ID: 460-300167-B-1
Client ID: MW-06_20240314
Sample Type: Client
Inject. Date: 19-Mar-2024 04:58:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-B-1
Misc. Info.: 460-0173523-022
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 12:23:12 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: K0HS Date: 19-Mar-2024 11:52:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.371	2.366	0.005	75	262078	1000.0	
* 43 2-Butanone-d5	46	3.272	3.273	0.000	86	321686	250.0	
44 cis-1,2-Dichloroethene	96	3.308	3.303	0.005	22	1376	0.4550	
52 Chloroform	83	3.552	3.552	0.000	90	2813	0.5387	
$ 55 Dibromofluoromethane (Surr)	113	3.698	3.698	0.000	96	166901	51.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.026	4.027	-0.001	0	170758	53.0	
* 66 Fluorobenzene	96	4.282	4.282	0.000	99	607563	50.0	
68 Trichloroethene	95	4.628	4.629	-0.001	92	2457	0.8841	
* 72 1,4-Dioxane-d8	96	4.993	4.994	-0.001	0	29006	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.991	5.986	0.005	98	492582	49.1	
88 Tetrachloroethene	166	6.739	6.734	0.005	99	148590	51.7	
* 94 Chlorobenzene-d5	117	7.944	7.945	-0.001	85	486061	50.0	
$ 105 4-Bromofluorobenzene	174	9.282	9.283	-0.001	96	174628	47.4	
108 N-Propylbenzene	91	9.495	9.490	0.005	95	5897	0.5190	
113 1,3,5-Trimethylbenzene	105	9.672	9.672	0.000	95	7934	1.02	
117 1,2,4-Trimethylbenzene	105	10.012	10.013	-0.001	98	18996	2.30	
* 121 1,4-Dichlorobenzene-d4	152	10.341	10.335	0.006	95	257568	50.0	
127 n-Butylbenzene	92	10.627	10.621	0.006	86	2241	0.5734	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00245 Amount Added: 1.00 Units: uL Run Reagent

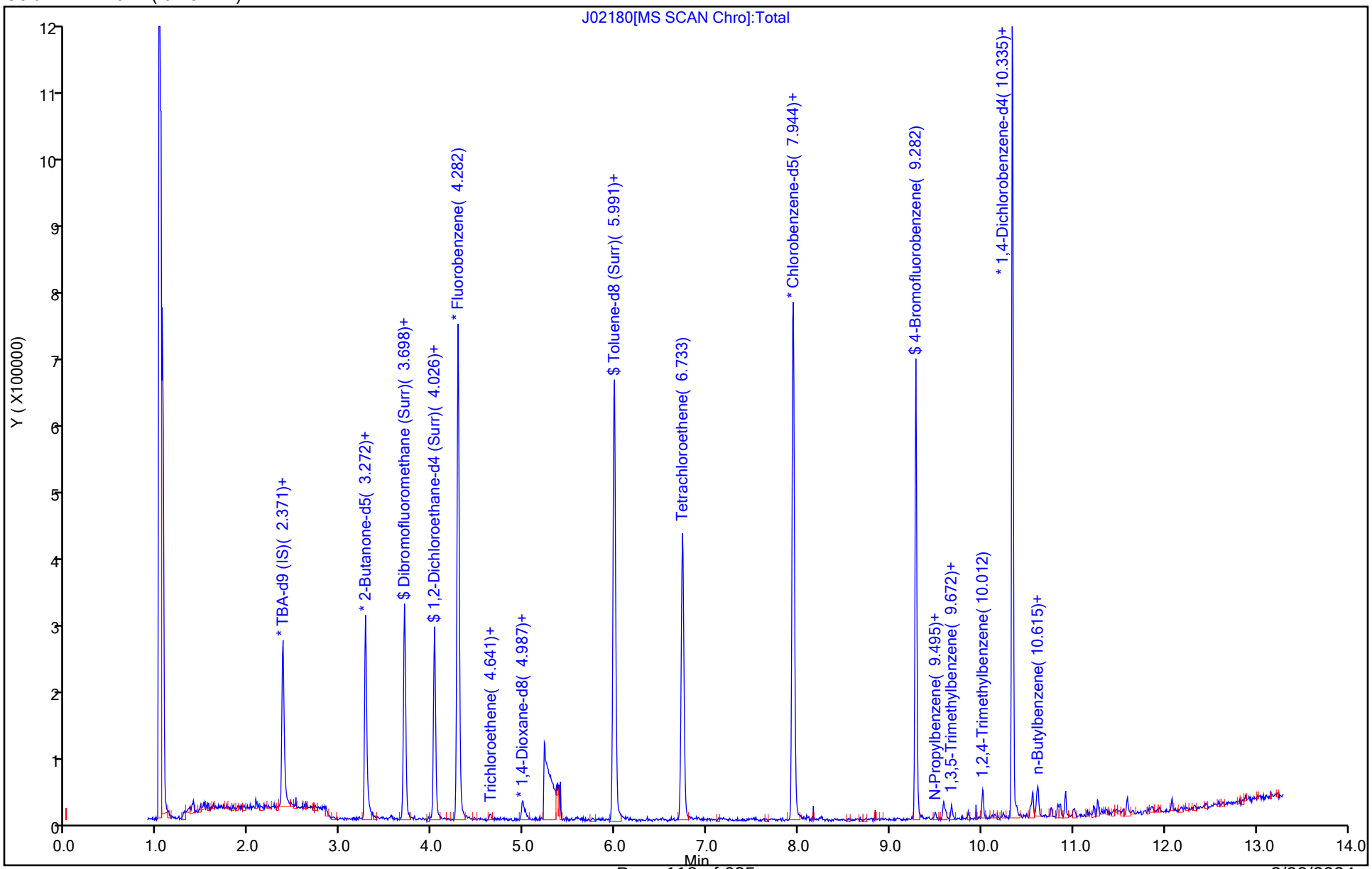
Report Date: 19-Mar-2024 15:46:00 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D

Injection Date:	19-Mar-2024 04:58:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-300167-B-1	Lab Sample ID:	460-300167-1	Worklist Smp#:	22
Client ID:	MW-06_20240314				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



3/20/2024
1:03:26 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D
Lims ID: 460-300167-B-1
Client ID: MW-06_20240314
Sample Type: Client
Inject. Date: 19-Mar-2024 04:58:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-B-1
Misc. Info.: 460-0173523-022
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 12:23:12 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: K0HS Date: 19-Mar-2024 11:52:52

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.6	103.19
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	53.0	105.98
$ 83 Toluene-d8 (Surr)	50.0	49.1	98.27
$ 105 4-Bromofluorobenzene	50.0	47.4	94.88

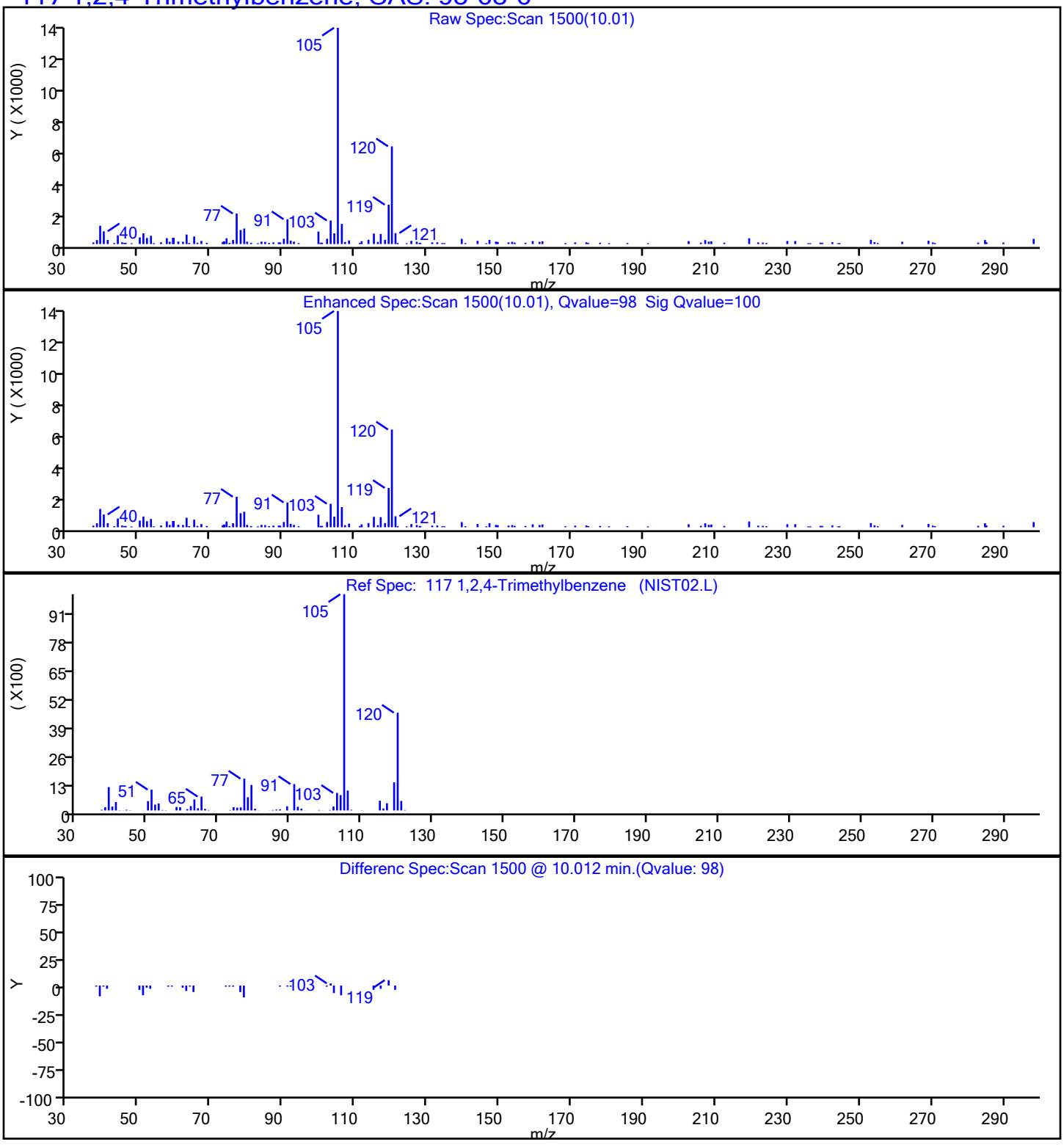
Report Date: 19-Mar-2024 15:46:01 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D

Injection Date:	19-Mar-2024 04:58:30	Instrument ID:	CVOAMS8
Lims ID:	460-300167-B-1	Lab Sample ID:	460-300167-1
Client ID:	MW-06_20240314		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

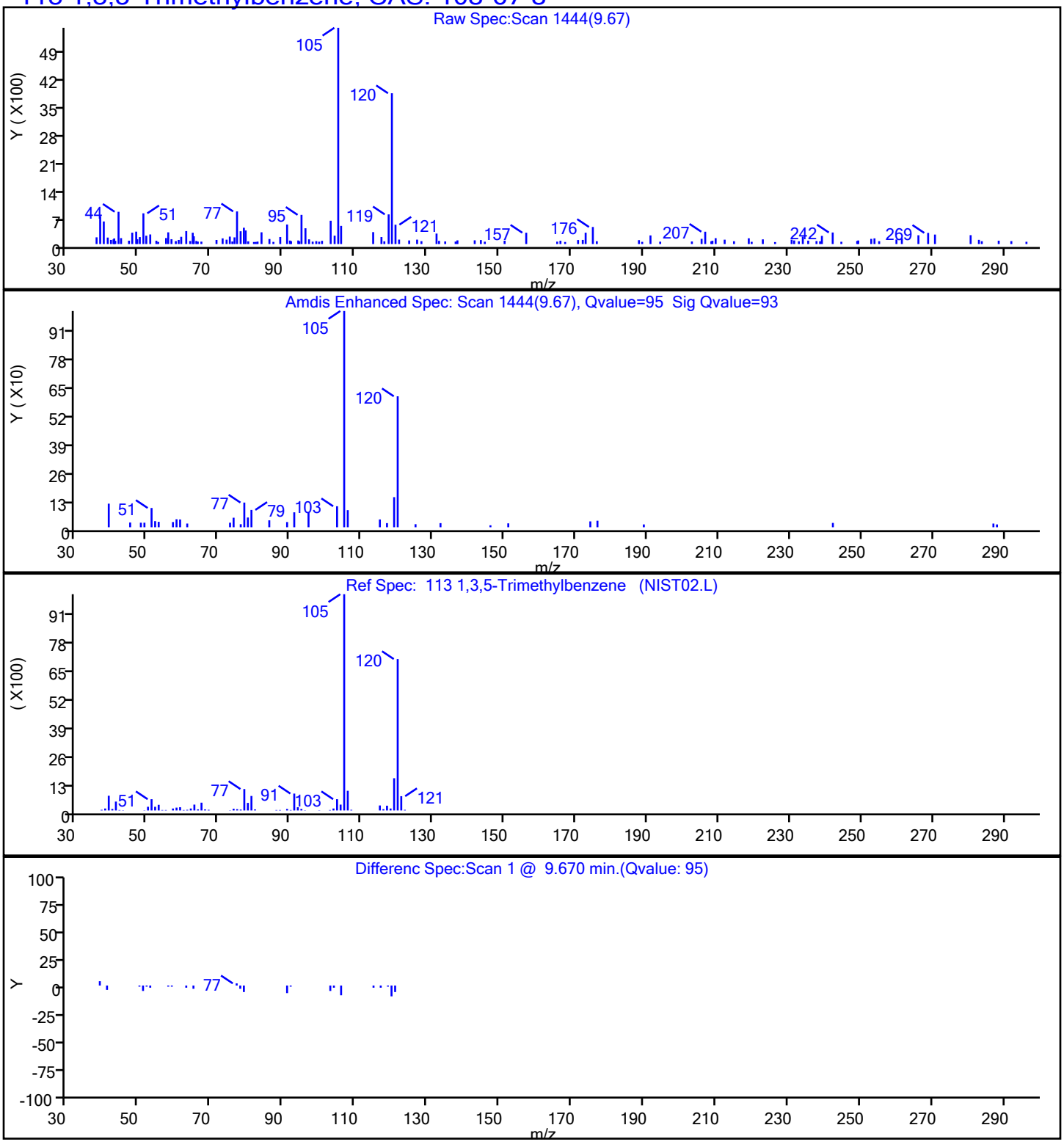
117 1,2,4-Trimethylbenzene, CAS: 95-63-6



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D				
Injection Date:	19-Mar-2024 04:58:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-1	Lab Sample ID:	460-300167-1		
Client ID:	MW-06_20240314				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

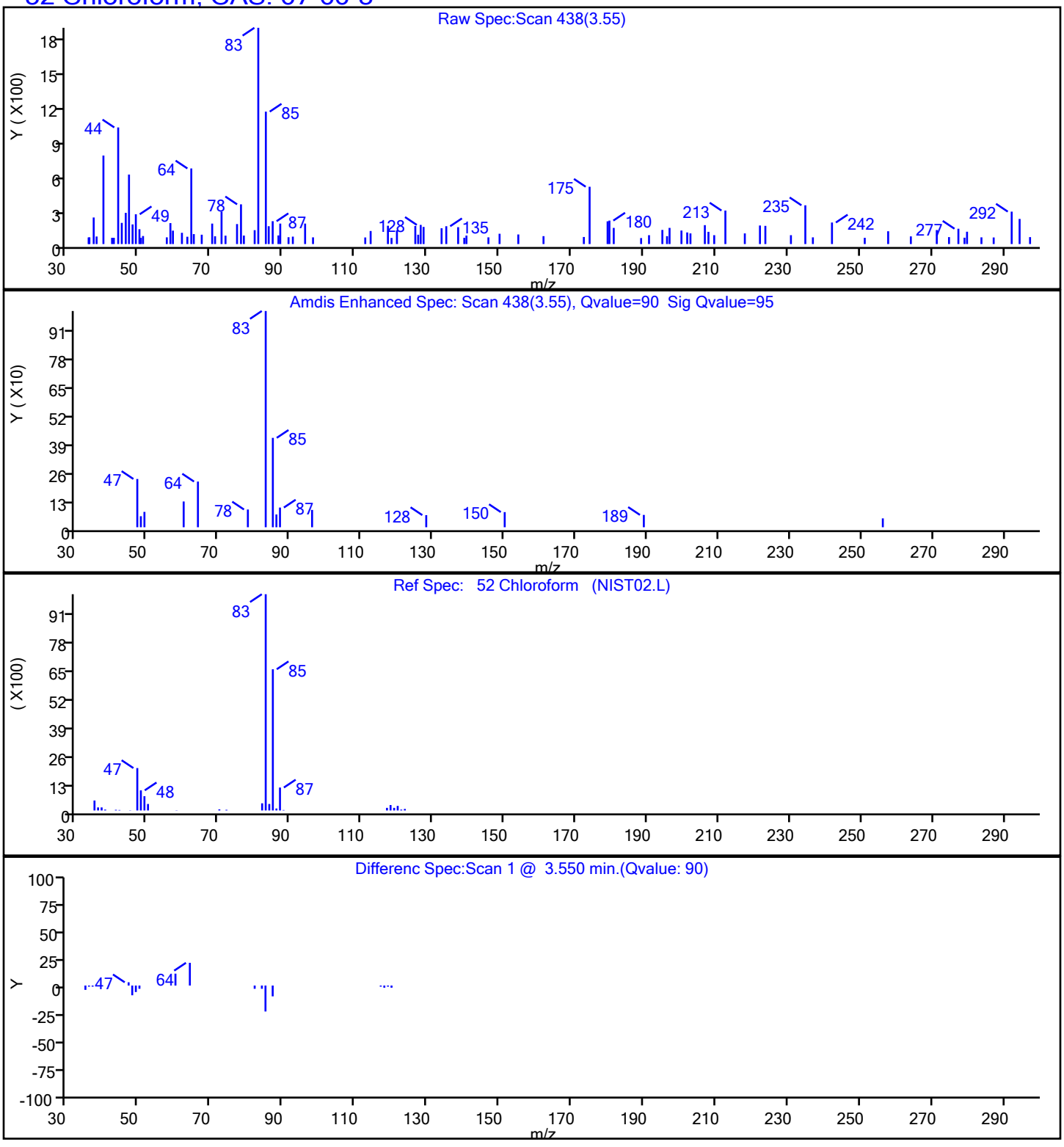
113 1,3,5-Trimethylbenzene, CAS: 108-67-8



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D		
Injection Date:	19-Mar-2024 04:58:30	Instrument ID:	CVOAMS8
Lims ID:	460-300167-B-1	Lab Sample ID:	460-300167-1
Client ID:	MW-06_20240314		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

52 Chloroform, CAS: 67-66-3



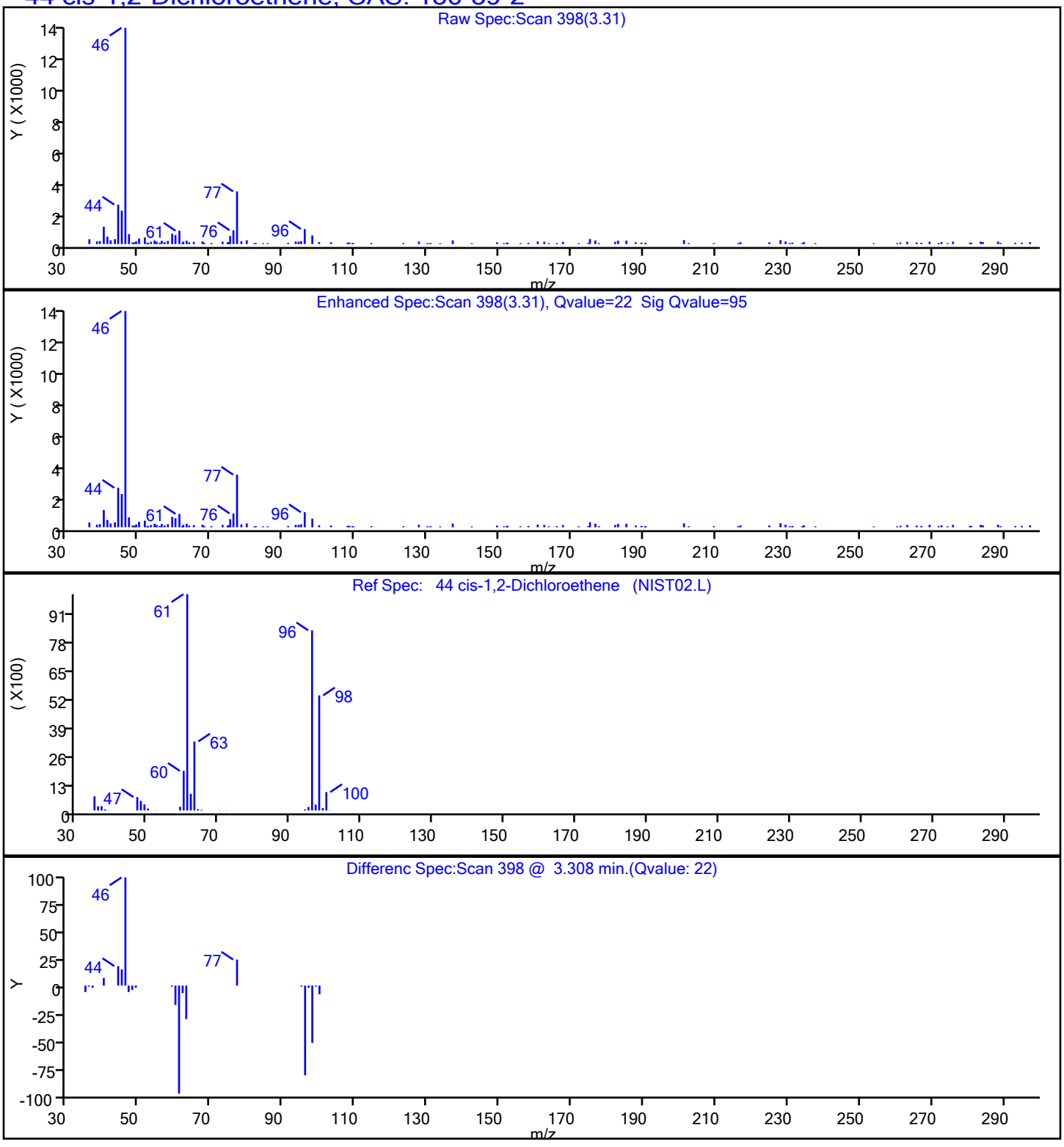
Report Date: 19-Mar-2024 15:46:00 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D

Injection Date:	19-Mar-2024 04:58:30	Instrument ID:	CVOAMS8
Lims ID:	460-300167-B-1	Lab Sample ID:	460-300167-1
Client ID:	MW-06_20240314		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

44 cis-1,2-Dichloroethene, CAS: 156-59-2

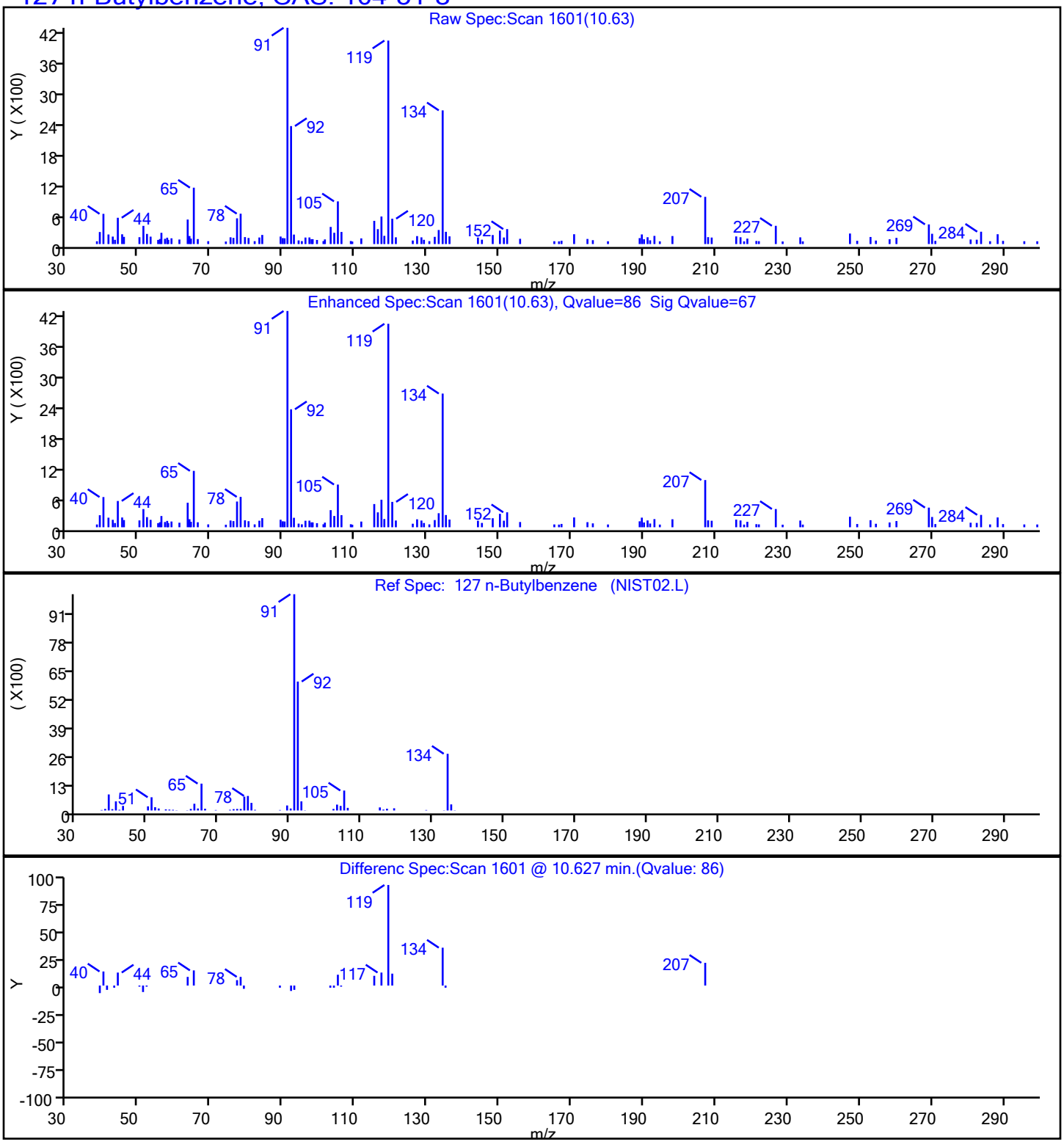


3/20/2024
1:03:26 PM

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D		
Injection Date:	19-Mar-2024 04:58:30	Instrument ID:	CVOAMS8
Lims ID:	460-300167-B-1	Lab Sample ID:	460-300167-1
Client ID:	MW-06_20240314		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

127 n-Butylbenzene, CAS: 104-51-8



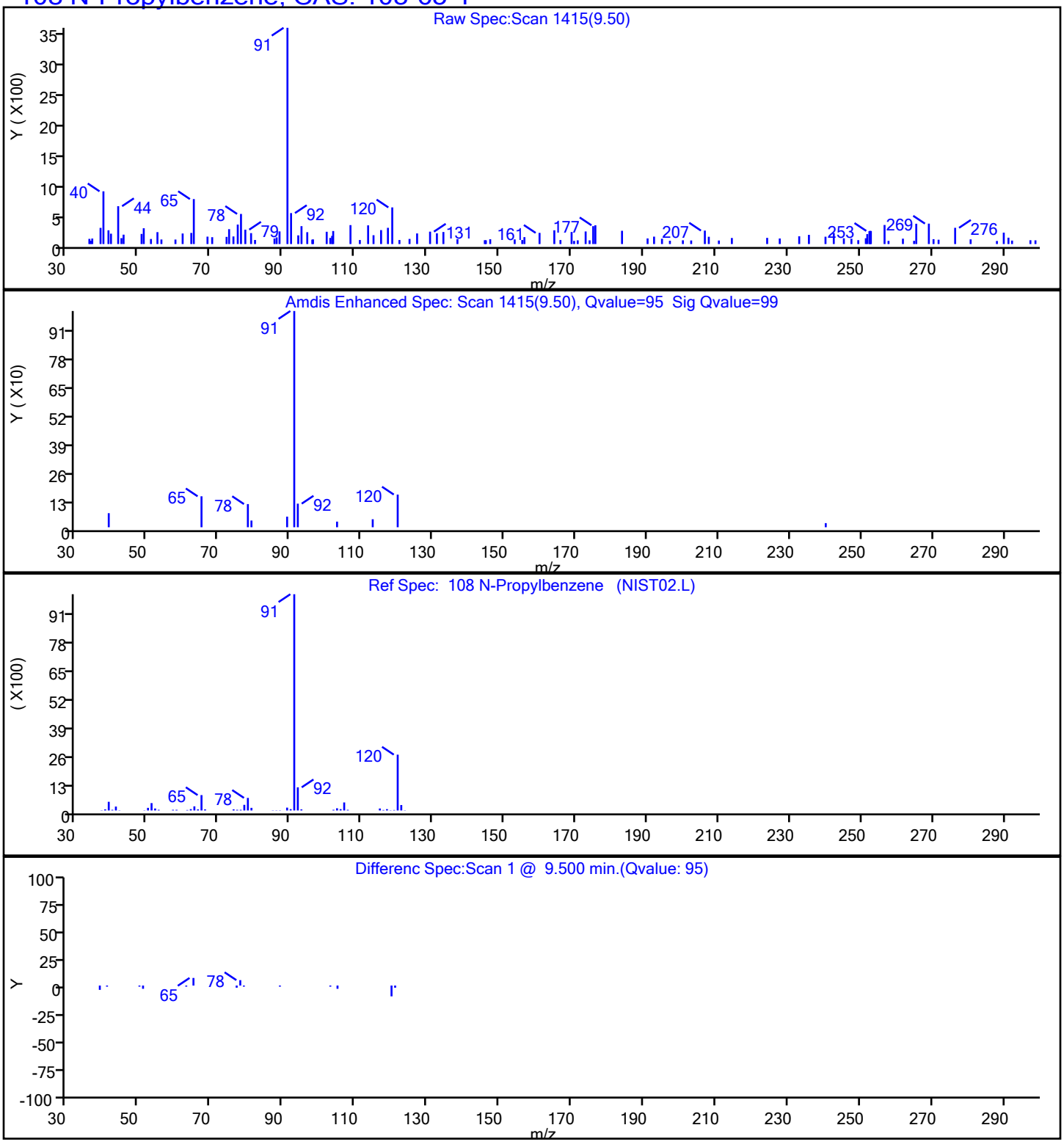
Report Date: 19-Mar-2024 15:46:01 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D

Injection Date:	19-Mar-2024 04:58:30	Instrument ID:	CVOAMS8
Lims ID:	460-300167-B-1	Lab Sample ID:	460-300167-1
Client ID:	MW-06_20240314		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

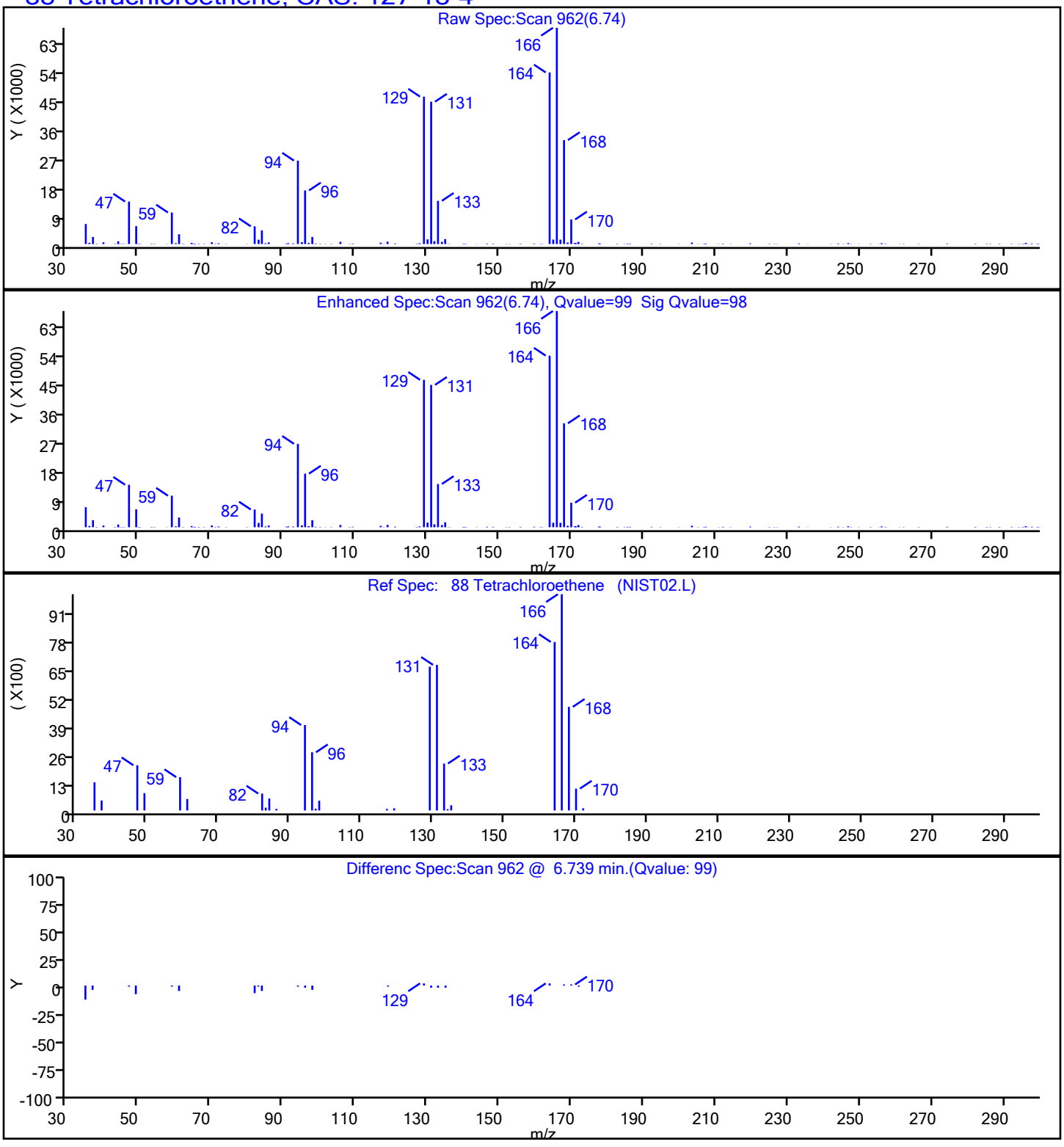
108 N-Propylbenzene, CAS: 103-65-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D
Injection Date: 19-Mar-2024 04:58:30 Instrument ID: CVOAMS8
Lims ID: 460-300167-B-1 Lab Sample ID: 460-300167-1
Client ID: MW-06_20240314
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

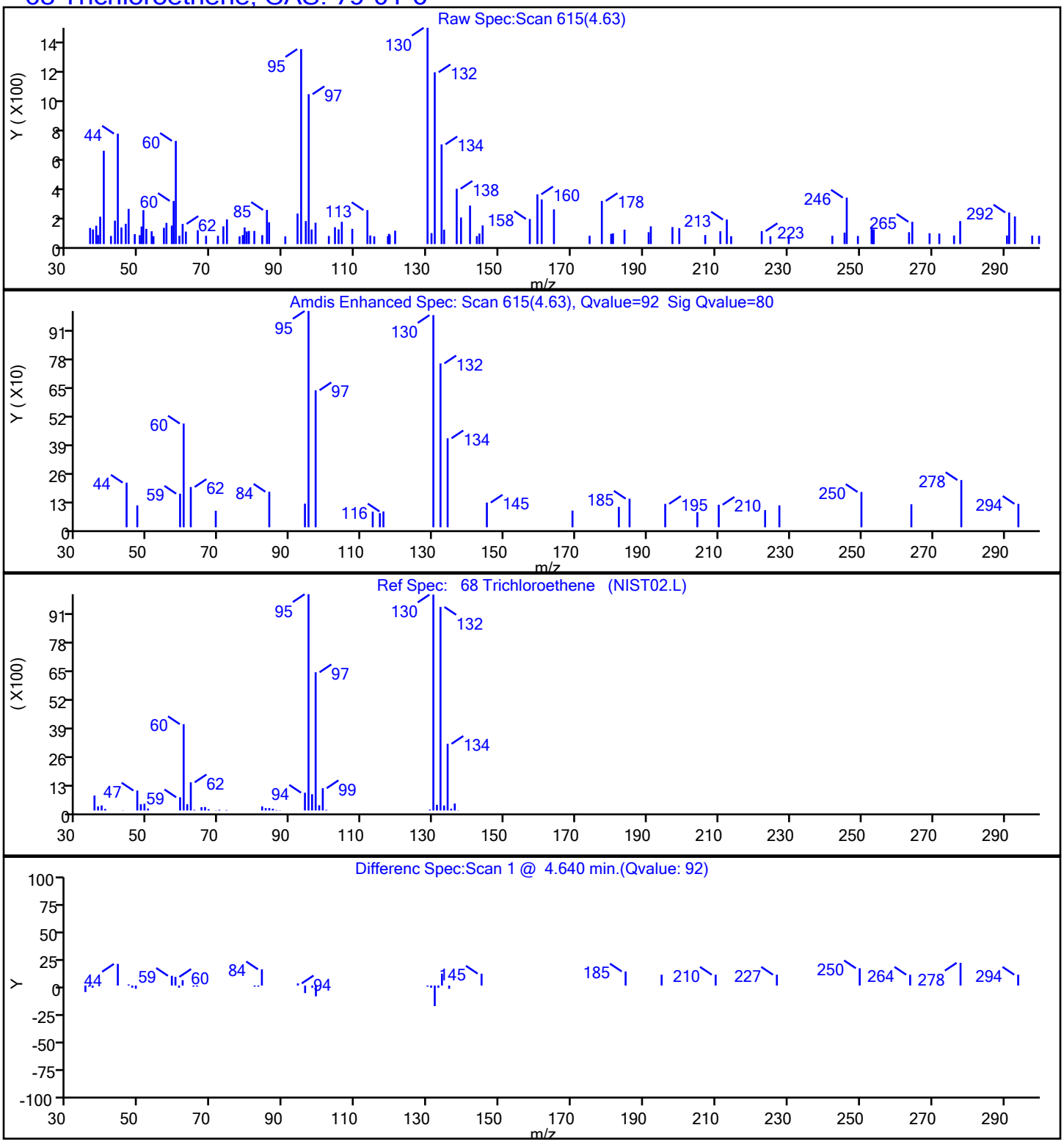
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D		
Injection Date:	19-Mar-2024 04:58:30	Instrument ID:	CVOAMS8
Lims ID:	460-300167-B-1	Lab Sample ID:	460-300167-1
Client ID:	MW-06_20240314		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

68 Trichloroethene, CAS: 79-01-6



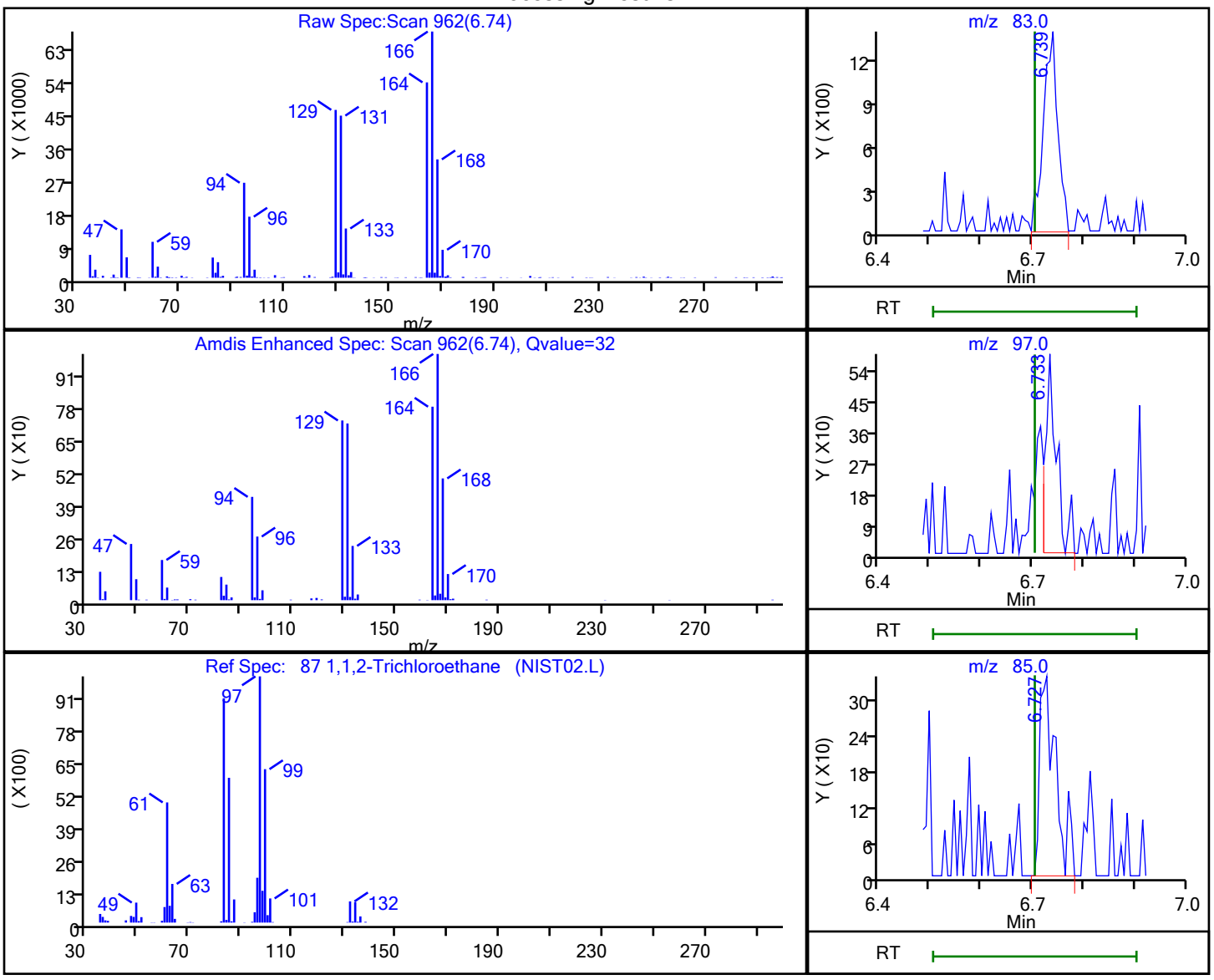
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D				
Injection Date:	19-Mar-2024 04:58:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-1	Lab Sample ID:	460-300167-1		
Client ID:	MW-06_20240314				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.74	83.00	2683	1.201358
6.73	97.00	885	
6.73	85.00	749	

Reviewer: K0HS, 19-Mar-2024 11:52:10 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

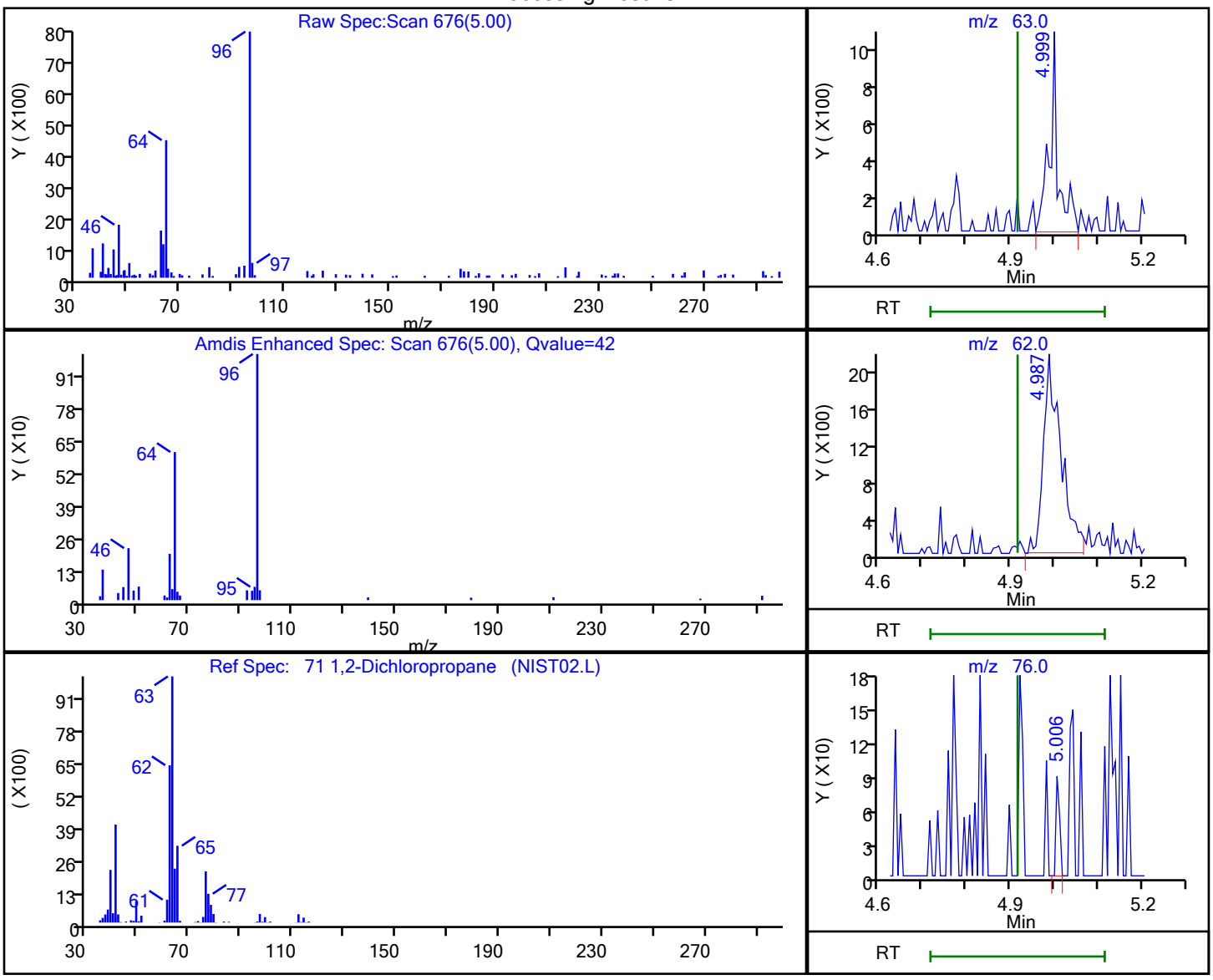
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D				
Injection Date:	19-Mar-2024 04:58:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-1	Lab Sample ID:	460-300167-1		
Client ID:	MW-06_20240314				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

71 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
5.00	63.00	1465	0.541400
4.99	62.00	5997	
5.01	76.00	52	
4.92	112.00	0	

Reviewer: K0HS, 19-Mar-2024 11:51:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

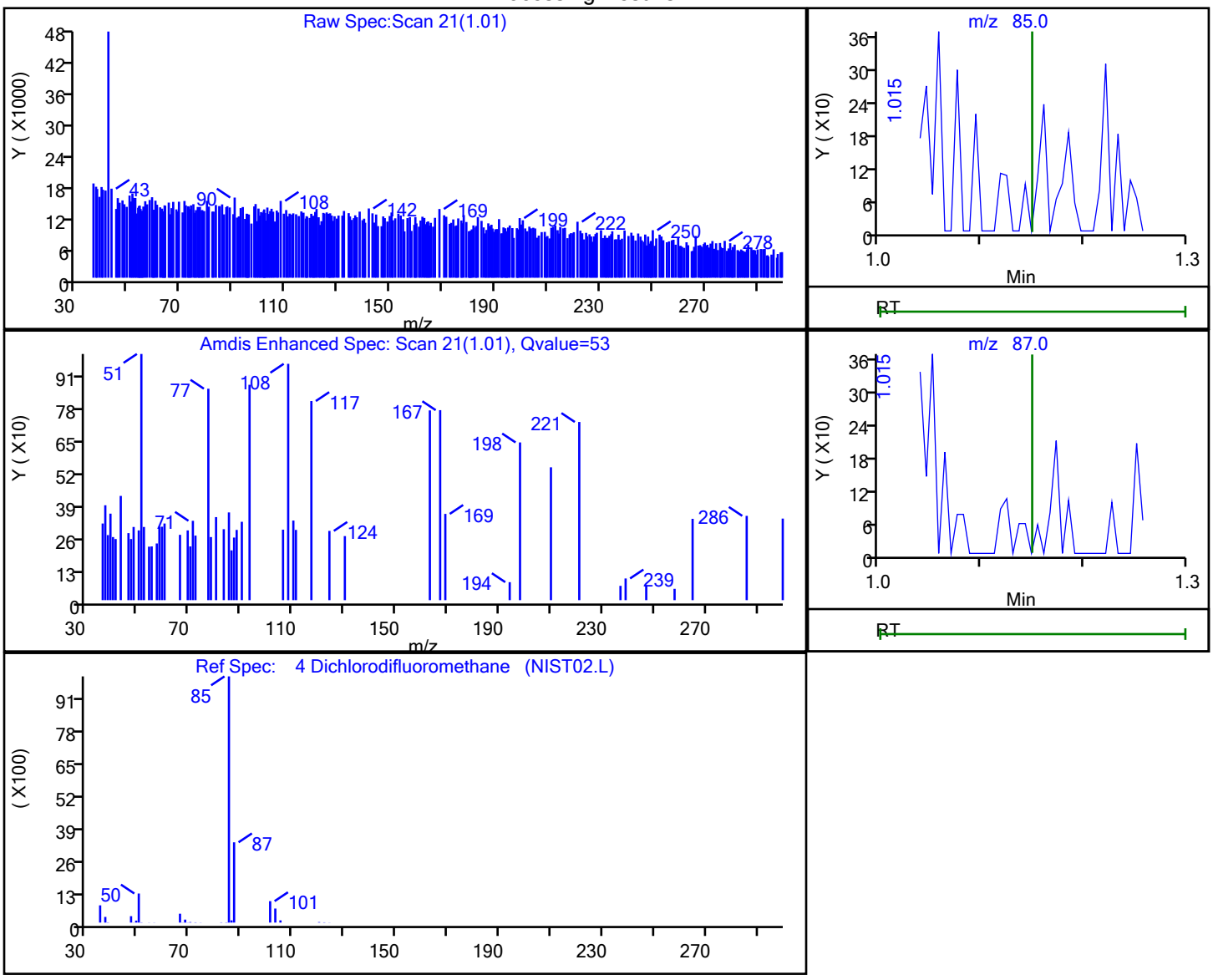
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D				
Injection Date:	19-Mar-2024 04:58:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-1	Lab Sample ID:	460-300167-1		
Client ID:	MW-06_20240314				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.01	85.00	23895	6.854934
1.01	87.00	25502	

Reviewer: K0HS, 19-Mar-2024 11:51:45 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

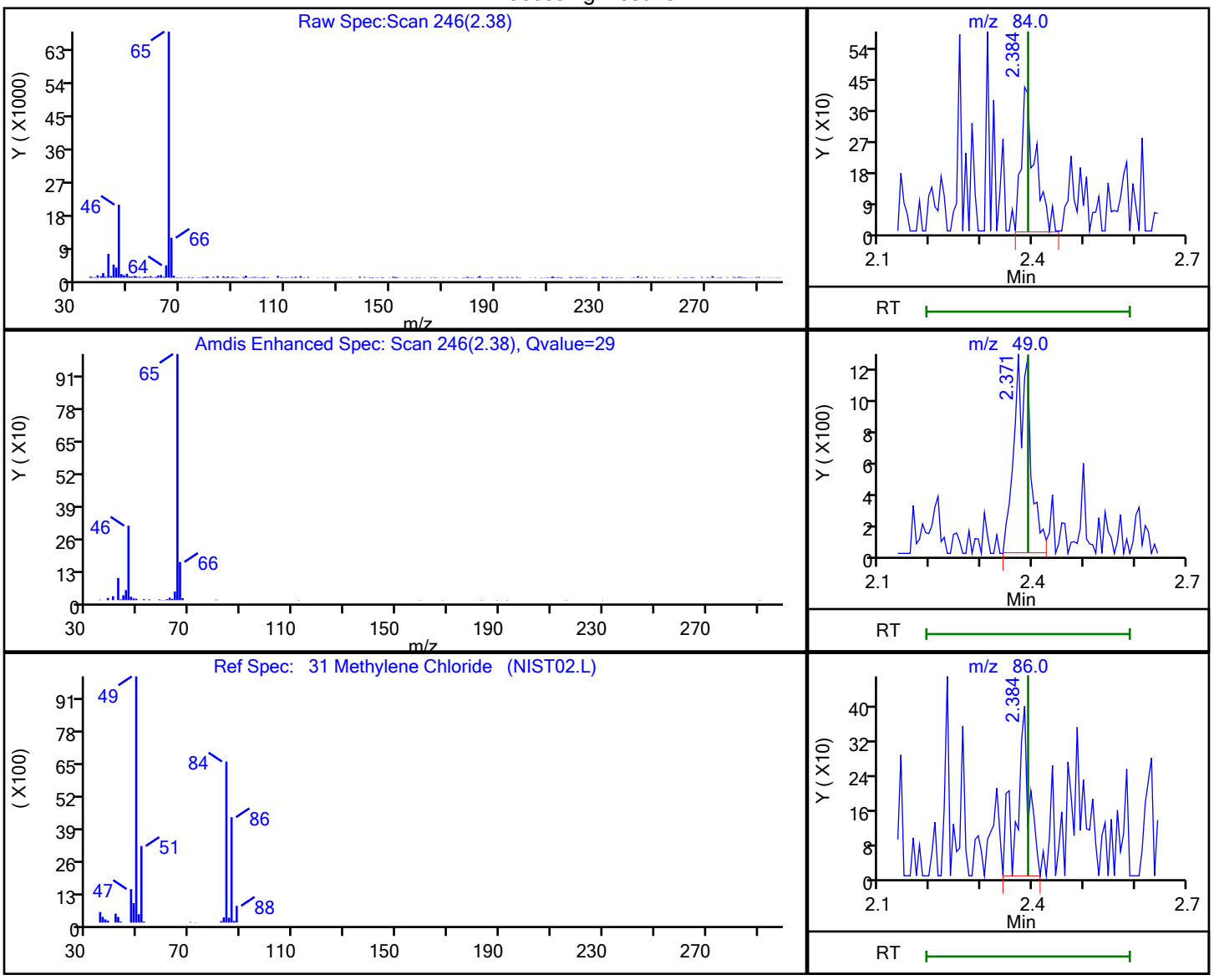
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D				
Injection Date:	19-Mar-2024 04:58:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-1	Lab Sample ID:	460-300167-1		
Client ID:	MW-06_20240314				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

31 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.38	84.00	789	0.366418
2.37	49.00	2733	
2.38	86.00	669	

Reviewer: K0HS, 19-Mar-2024 11:51:51 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

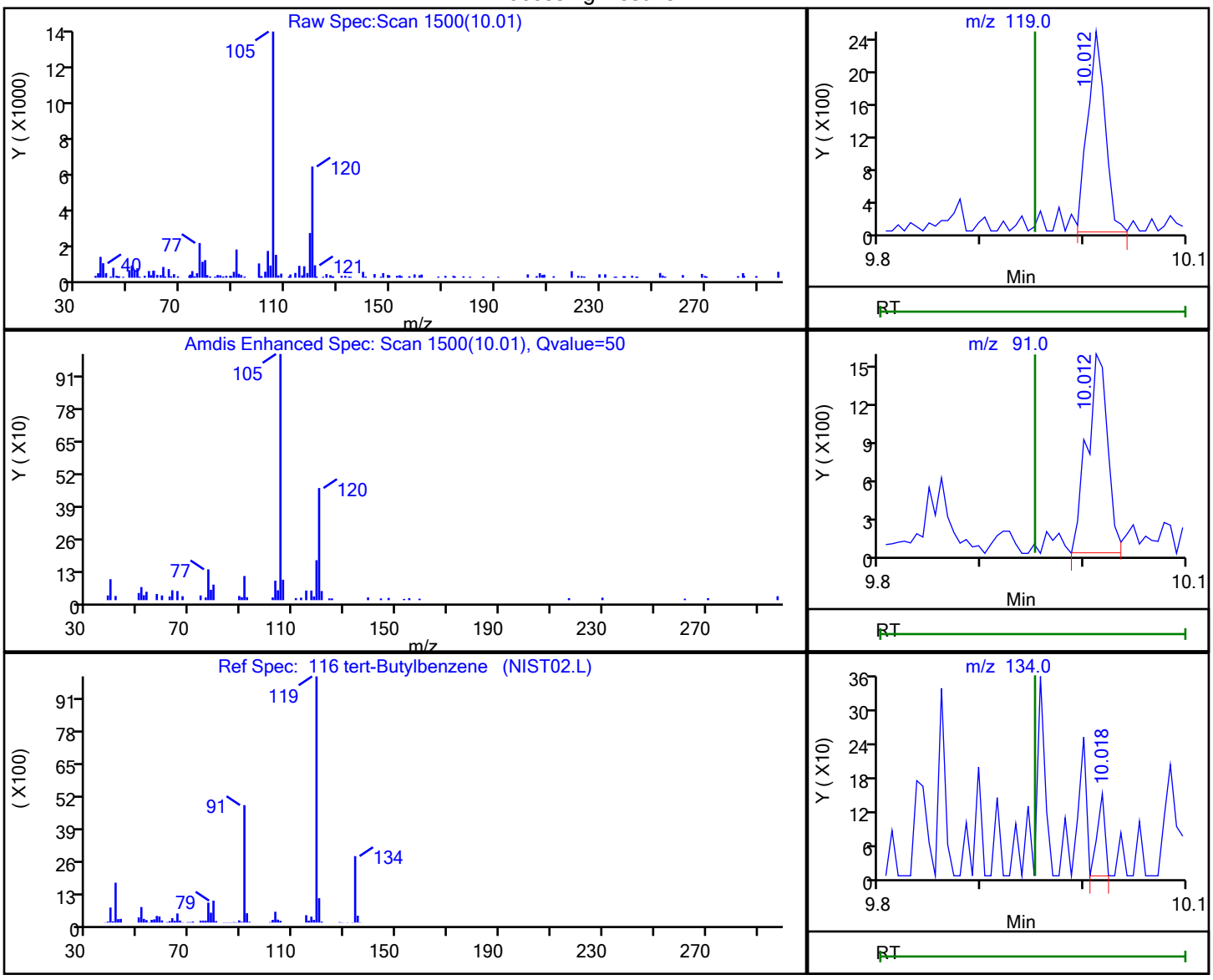
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02180.D				
Injection Date:	19-Mar-2024 04:58:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-1	Lab Sample ID:	460-300167-1		
Client ID:	MW-06_20240314				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.01	119.00	2881	0.451360
10.01	91.00	2177	
10.02	134.00	75	

Reviewer: K0HS, 19-Mar-2024 11:52:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: MW-07_20240314 | Lab Sample ID: 460-300167-2

Matrix: Water | Lab File ID: J02182.D

Analysis Method: 8260D | Date Collected: 03/14/2024 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 05:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.87	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: MW-07_20240314 | Lab Sample ID: 460-300167-2

Matrix: Water | Lab File ID: J02182.D

Analysis Method: 8260D | Date Collected: 03/14/2024 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 05:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.82	J	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U *	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	26		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-128
460-00-4	4-Bromofluorobenzene	88		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02182.D
Lims ID: 460-300167-B-2
Client ID: MW-07_20240314
Sample Type: Client
Inject. Date: 19-Mar-2024 05:49:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-B-2
Misc. Info.: 460-0173523-024
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 12:23:12 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: K0HS Date: 19-Mar-2024 11:54:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.367	2.366	0.000	76	278747	1000.0	
33 Methyl tert-butyl ether	73	2.513	2.506	0.006	76	3513	0.8198	
* 43 2-Butanone-d5	46	3.273	3.273	0.001	86	340515	250.0	
52 Chloroform	83	3.553	3.552	0.001	97	4389	0.8657	
$ 55 Dibromofluoromethane (Surr)	113	3.699	3.698	0.001	96	163971	52.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.021	4.027	-0.006	0	166874	53.3	
* 66 Fluorobenzene	96	4.283	4.282	0.001	99	589814	50.0	
* 72 1,4-Dioxane-d8	96	4.995	4.994	0.001	0	28550	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.986	5.986	0.000	99	486119	48.2	
88 Tetrachloroethene	166	6.734	6.734	0.000	98	74432	25.8	
* 94 Chlorobenzene-d5	117	7.945	7.945	0.000	85	488657	50.0	
$ 105 4-Bromofluorobenzene	174	9.283	9.283	0.000	96	163432	44.2	
* 121 1,4-Dichlorobenzene-d4	152	10.336	10.335	0.001	95	248436	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00245 Amount Added: 1.00 Units: uL Run Reagent

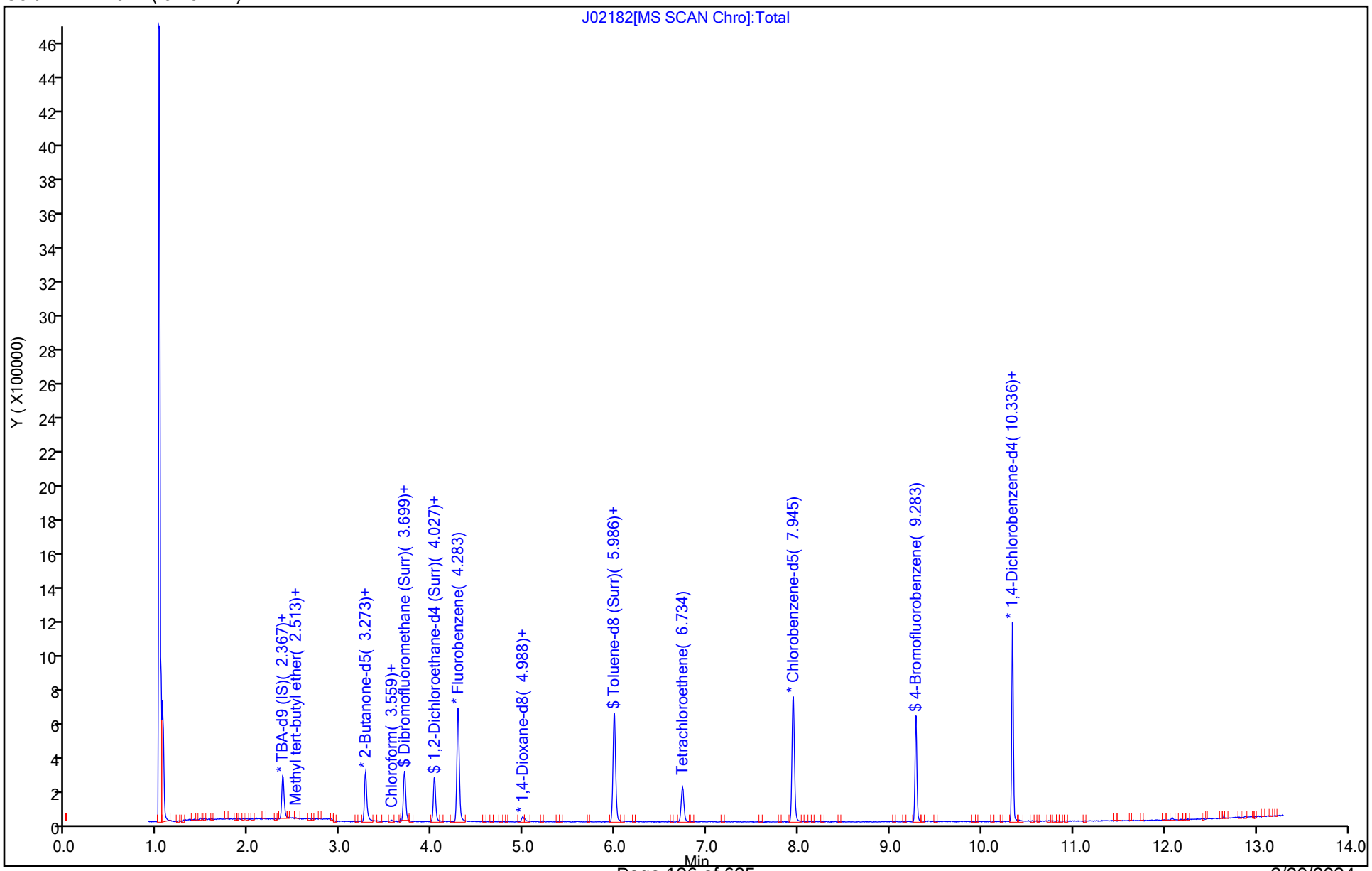
Report Date: 19-Mar-2024 15:46:37 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02182.D

Injection Date:	19-Mar-2024 05:49:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-300167-B-2	Lab Sample ID:	460-300167-2	Worklist Smp#:	24
Client ID:	MW-07_20240314				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



3/20/2024
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02182.D
Lims ID: 460-300167-B-2
Client ID: MW-07_20240314
Sample Type: Client
Inject. Date: 19-Mar-2024 05:49:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-B-2
Misc. Info.: 460-0173523-024
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 12:23:12 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

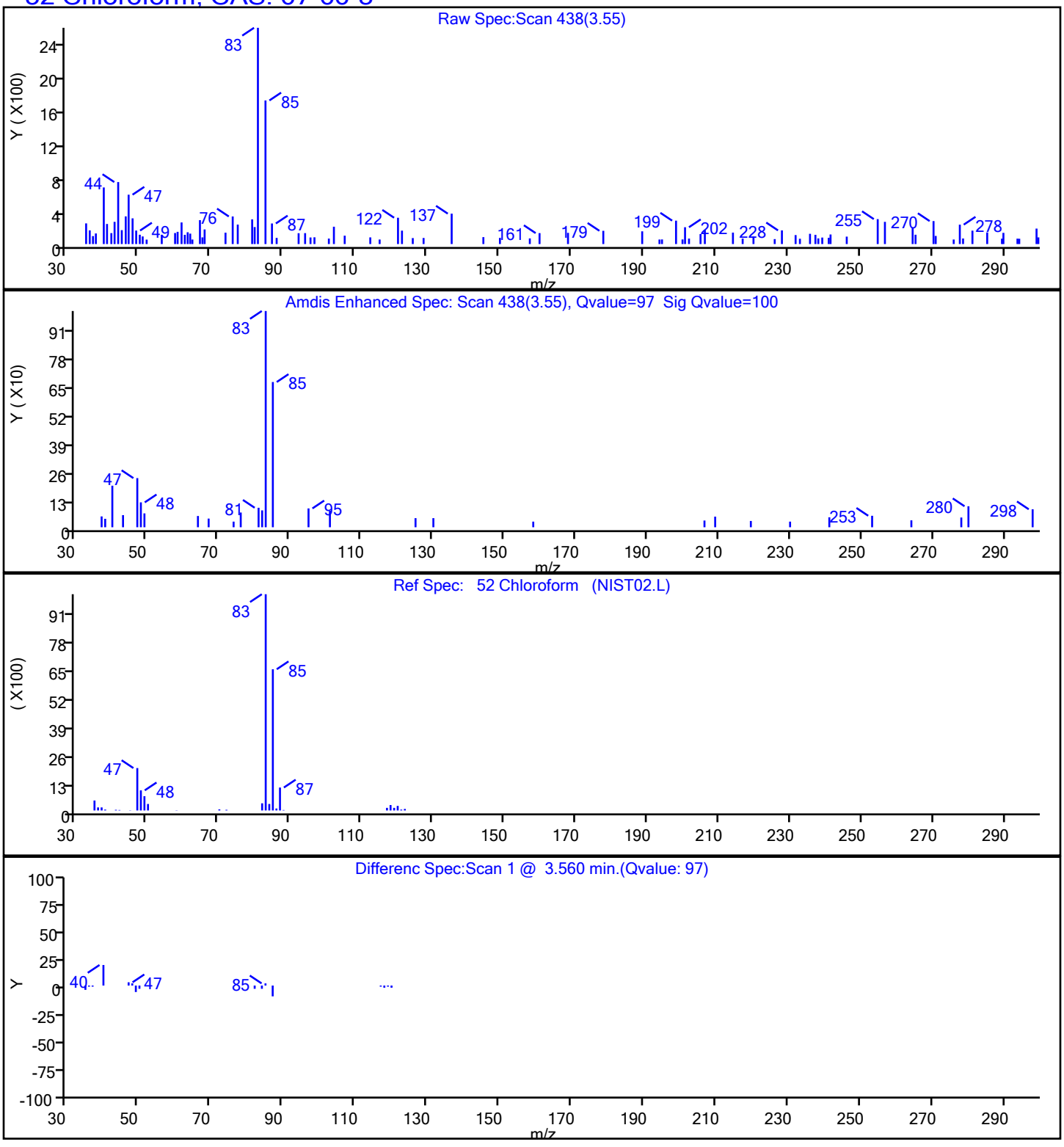
First Level Reviewer: K0HS Date: 19-Mar-2024 11:54:15

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	52.2	104.43
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	53.3	106.69
$ 83 Toluene-d8 (Surr)	50.0	48.2	96.47
$ 105 4-Bromofluorobenzene	50.0	44.2	88.32

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02182.D		
Injection Date:	19-Mar-2024 05:49:30	Instrument ID:	CVOAMS8
Lims ID:	460-300167-B-2	Lab Sample ID:	460-300167-2
Client ID:	MW-07_20240314		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

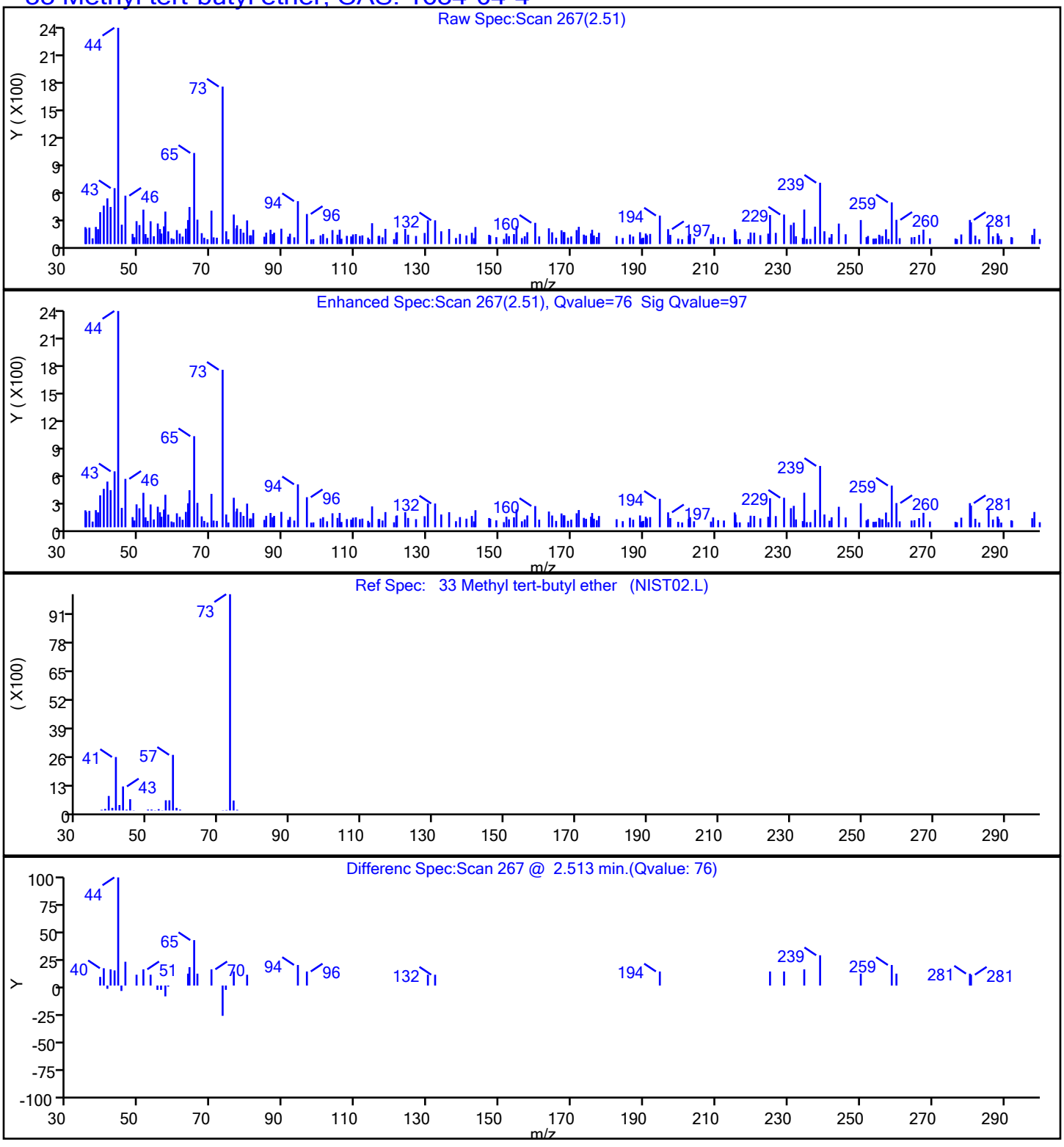
52 Chloroform, CAS: 67-66-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02182.D				
Injection Date:	19-Mar-2024 05:49:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-2	Lab Sample ID:	460-300167-2		
Client ID:	MW-07_20240314				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

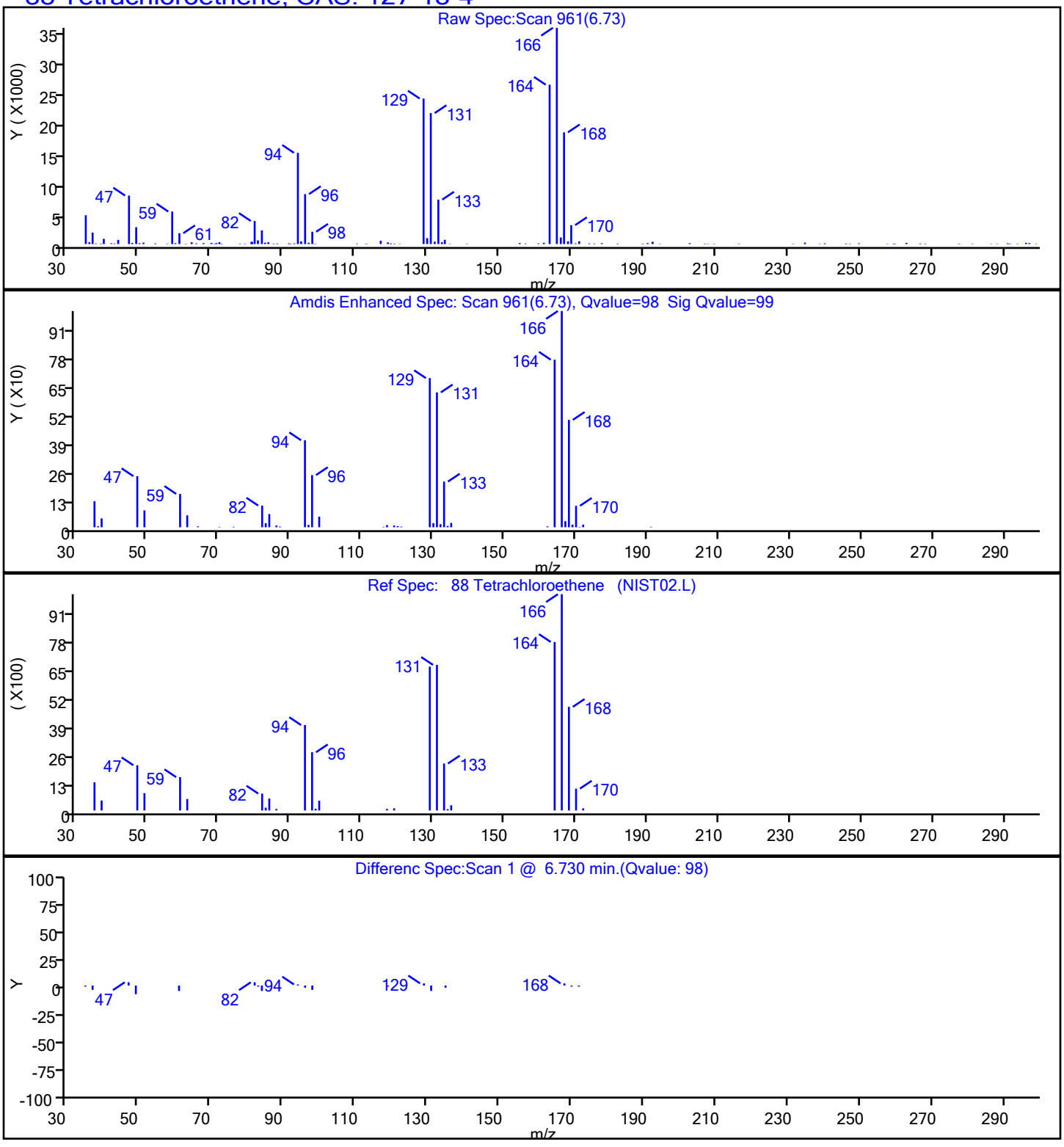
33 Methyl tert-butyl ether, CAS: 1634-04-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02182.D
Injection Date: 19-Mar-2024 05:49:30 Instrument ID: CVOAMS8
Lims ID: 460-300167-B-2 Lab Sample ID: 460-300167-2
Client ID: MW-07_20240314
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



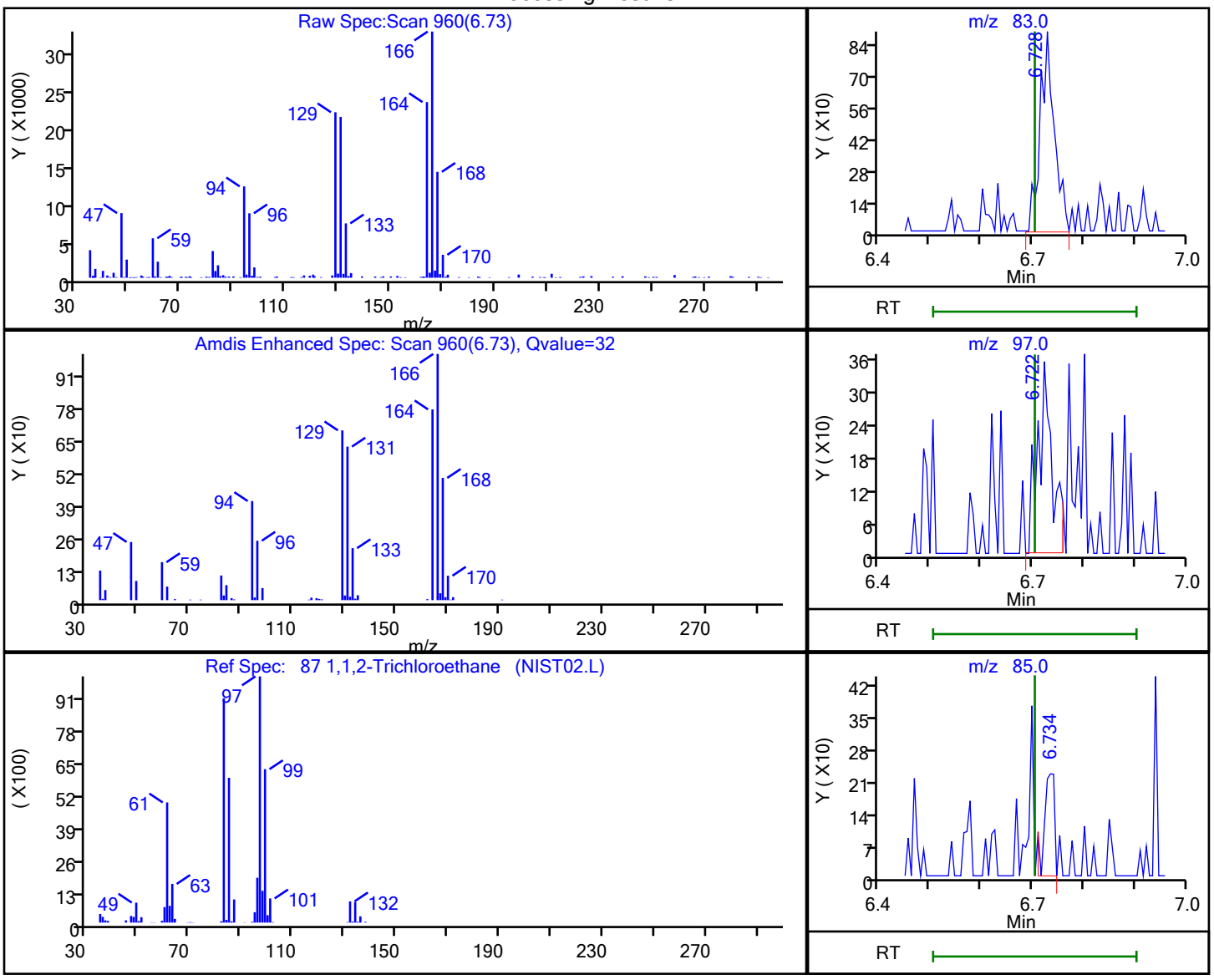
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02182.D				
Injection Date:	19-Mar-2024 05:49:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-2	Lab Sample ID:	460-300167-2		
Client ID:	MW-07_20240314				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.73	83.00	1718	0.765177
6.72	97.00	686	
6.73	85.00	313	

Reviewer: K0HS, 19-Mar-2024 11:54:04 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

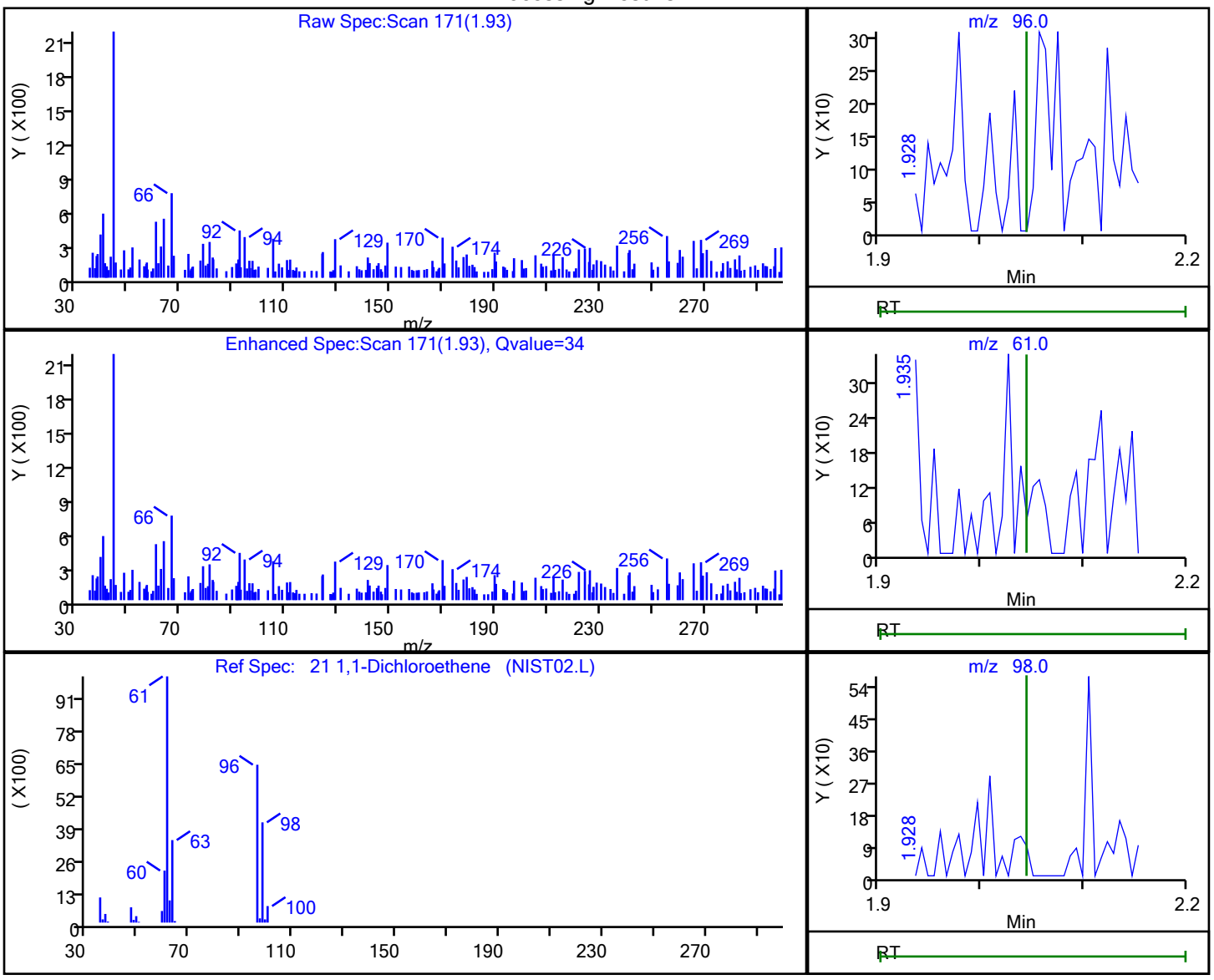
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02182.D				
Injection Date:	19-Mar-2024 05:49:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-2	Lab Sample ID:	460-300167-2		
Client ID:	MW-07_20240314				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
1.93	96.00	249	0.126768
1.93	61.00	355	
1.93	98.00	114	
1.93	63.00	596	

Reviewer: K0HS, 19-Mar-2024 11:53:54 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: MW-08_20240314 | Lab Sample ID: 460-300167-3

Matrix: Water | Lab File ID: J02181.D

Analysis Method: 8260D | Date Collected: 03/14/2024 11:25

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 05:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: MW-08_20240314 | Lab Sample ID: 460-300167-3

Matrix: Water | Lab File ID: J02181.D

Analysis Method: 8260D | Date Collected: 03/14/2024 11:25

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 05:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U *	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	8.2		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	77		76-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-132
2037-26-5	Toluene-d8 (Surr)	86		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02181.D
Lims ID: 460-300167-B-3
Client ID: MW-08_20240314
Sample Type: Client
Inject. Date: 19-Mar-2024 05:23:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-B-3
Misc. Info.: 460-0173523-023
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 12:23:12 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: K0HS Date: 19-Mar-2024 11:53:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.366	2.366	0.000	76	204832	1000.0	
* 43 2-Butanone-d5	46	3.272	3.273	0.000	87	361651	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.698	3.698	0.000	96	152269	44.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.027	4.027	0.000	0	155777	46.0	
* 66 Fluorobenzene	96	4.282	4.282	0.000	99	638201	50.0	
* 72 1,4-Dioxane-d8	96	4.988	4.994	-0.006	0	29193	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.986	5.986	0.000	99	438002	42.9	
88 Tetrachloroethene	166	6.740	6.734	0.006	98	23868	8.16	
* 94 Chlorobenzene-d5	117	7.944	7.945	-0.001	85	494685	50.0	
$ 105 4-Bromofluorobenzene	174	9.283	9.283	0.000	95	144704	38.6	
* 121 1,4-Dichlorobenzene-d4	152	10.341	10.335	0.006	95	253297	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00245 Amount Added: 1.00 Units: uL Run Reagent

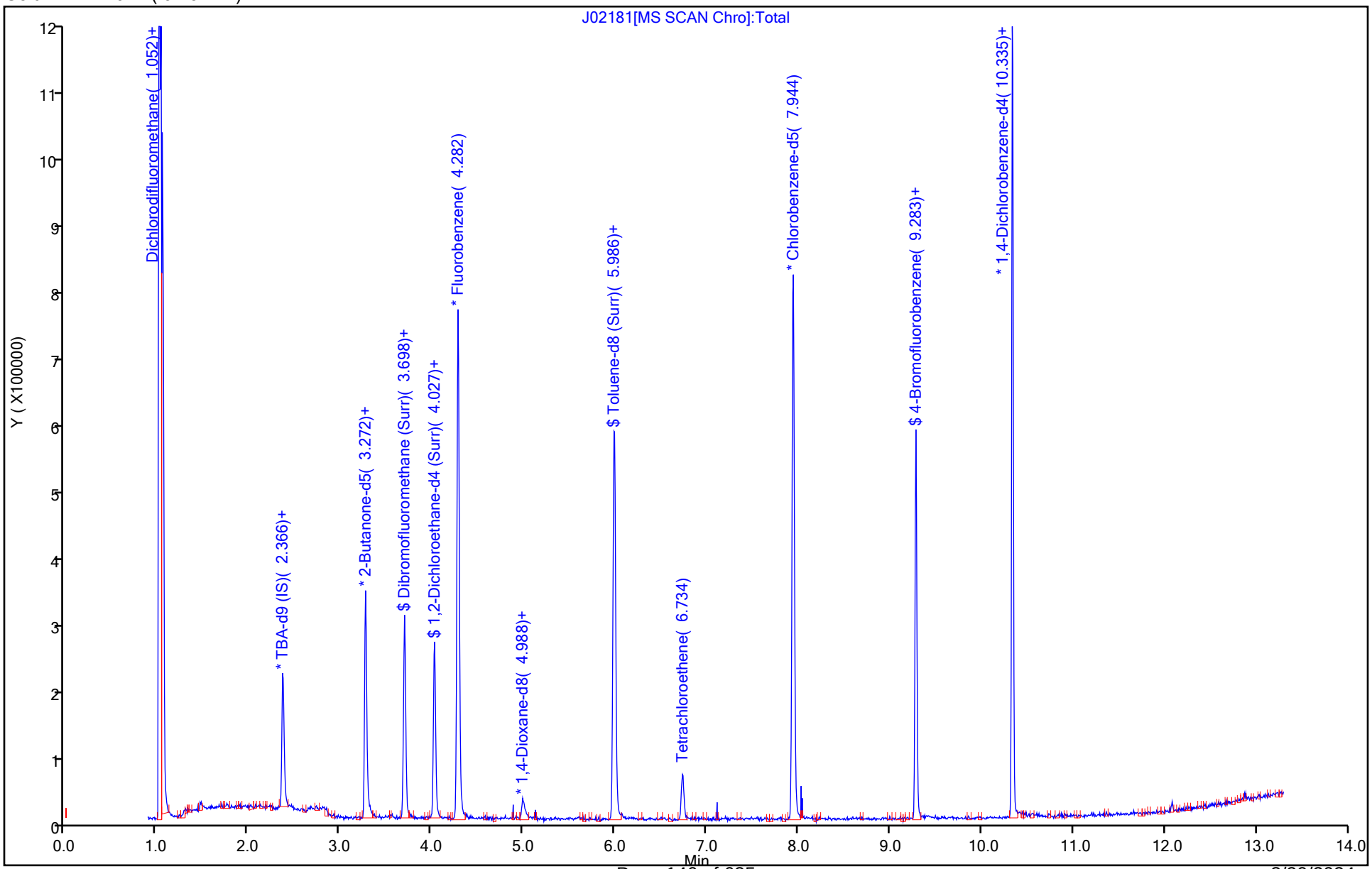
Report Date: 19-Mar-2024 15:45:02 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02181.D

Injection Date:	19-Mar-2024 05:23:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-300167-B-3	Lab Sample ID:	460-300167-3	Worklist Smp#:	23
Client ID:	MW-08_20240314				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02181.D
Lims ID: 460-300167-B-3
Client ID: MW-08_20240314
Sample Type: Client
Inject. Date: 19-Mar-2024 05:23:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-B-3
Misc. Info.: 460-0173523-023
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 12:23:12 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: K0HS Date: 19-Mar-2024 11:53:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	44.8	89.62
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	46.0	92.04
$ 83 Toluene-d8 (Surr)	50.0	42.9	85.86
$ 105 4-Bromofluorobenzene	50.0	38.6	77.25

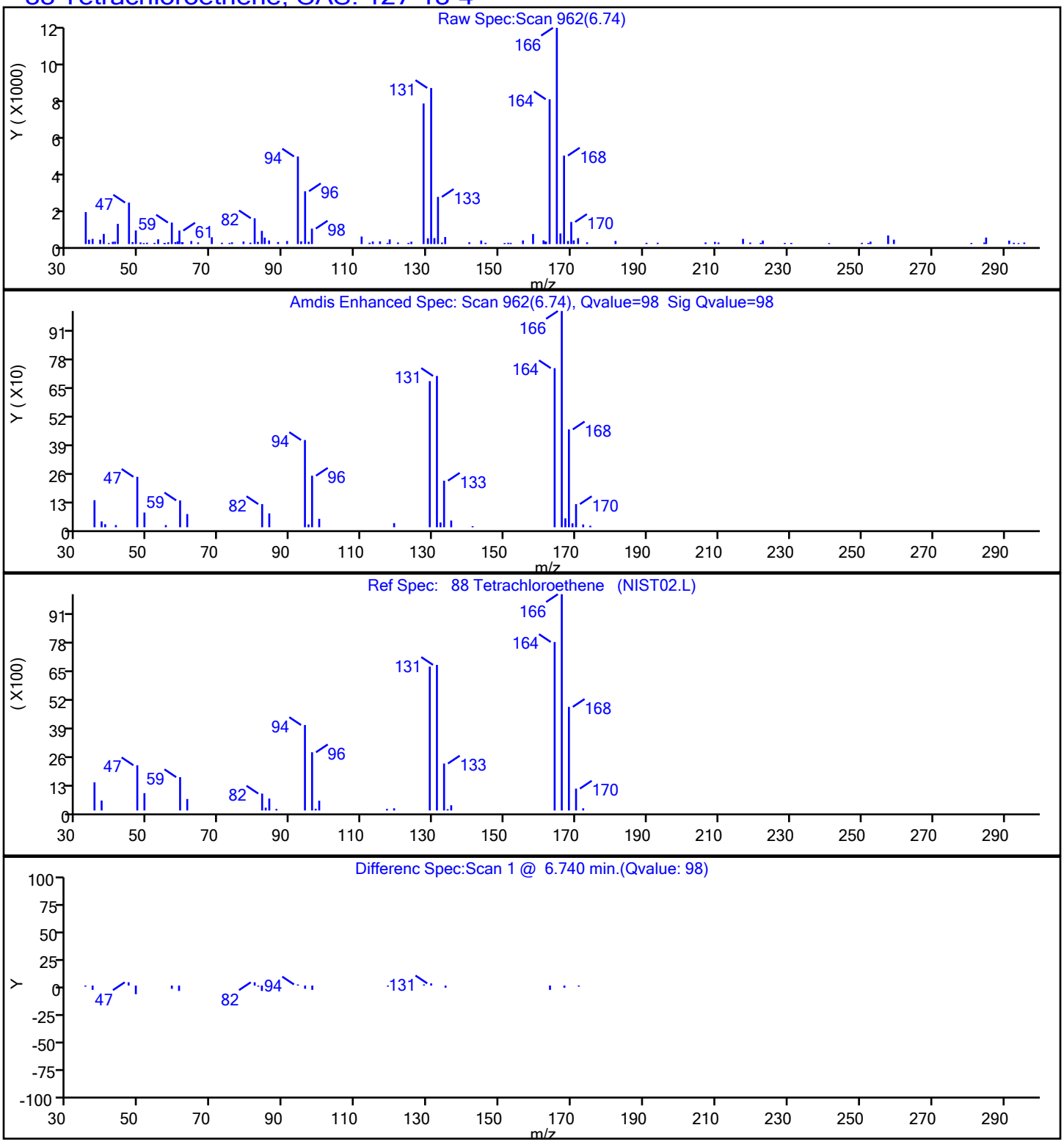
Report Date: 19-Mar-2024 15:45:02 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02181.D

Injection Date:	19-Mar-2024 05:23:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-3	Lab Sample ID:	460-300167-3		
Client ID:	MW-08_20240314				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 Tetrachloroethene, CAS: 127-18-4



3/20/2024
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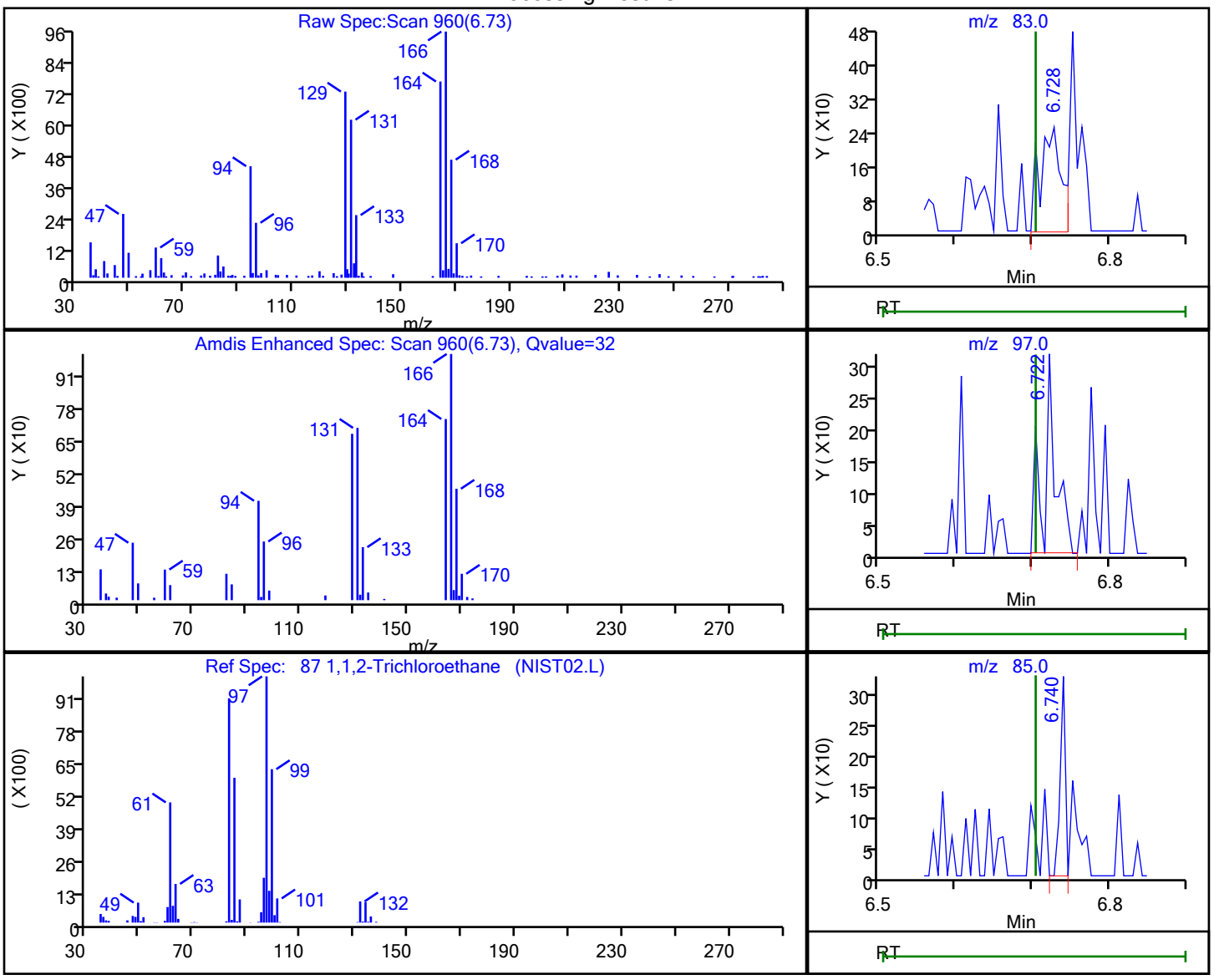
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02181.D				
Injection Date:	19-Mar-2024 05:23:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-3	Lab Sample ID:	460-300167-3		
Client ID:	MW-08_20240314				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.73	83.00	473	0.208101
6.72	97.00	341	
6.74	85.00	152	

Reviewer: K0HS, 19-Mar-2024 11:53:37 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

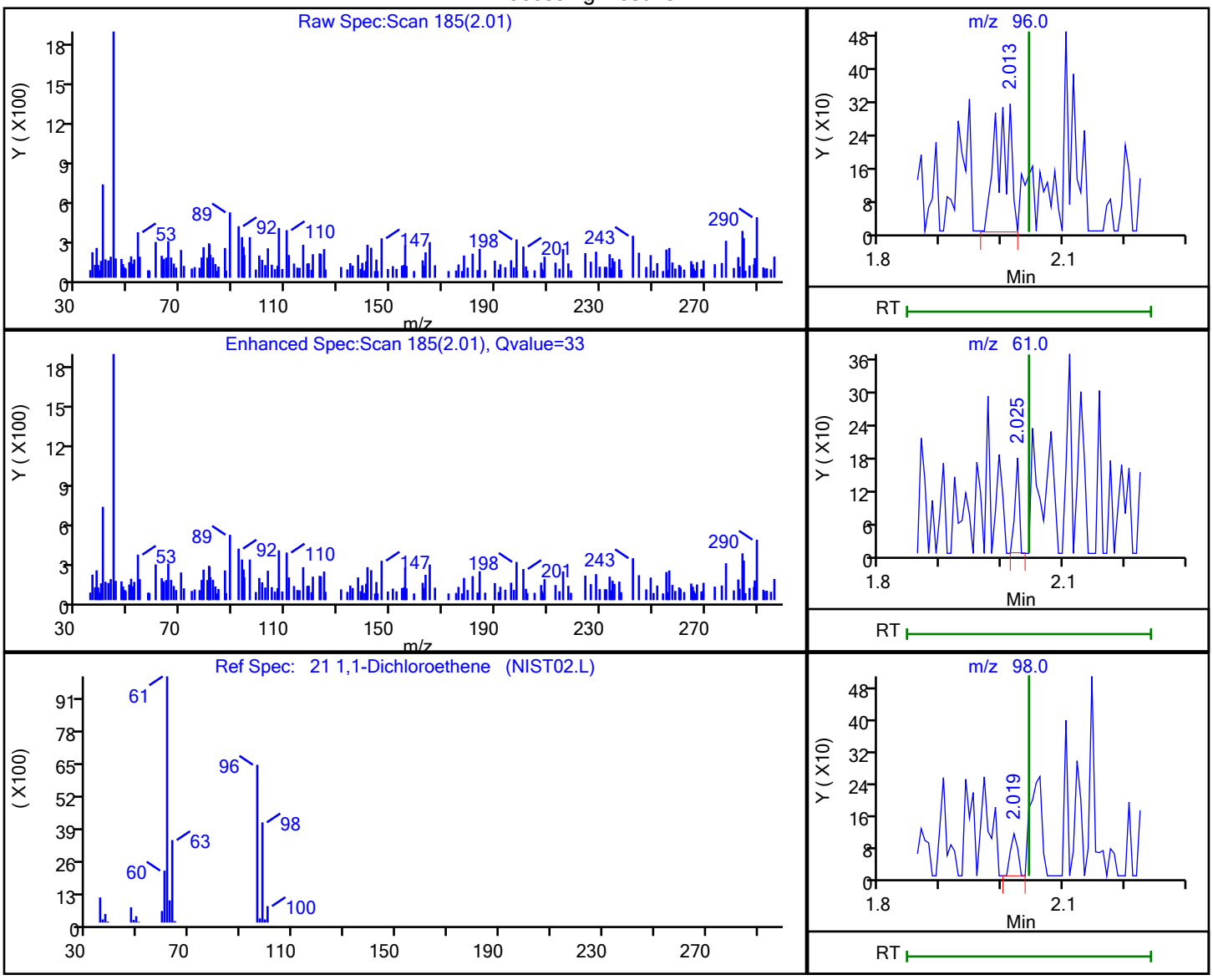
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02181.D				
Injection Date:	19-Mar-2024 05:23:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-3	Lab Sample ID:	460-300167-3		
Client ID:	MW-08_20240314				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.01	96.00	497	0.233842
2.03	61.00	85	
2.02	98.00	87	
2.01	63.00	495	

Reviewer: K0HS, 19-Mar-2024 11:53:30 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: TB-01_20240314 | Lab Sample ID: 460-300167-4

Matrix: Water | Lab File ID: J02171.D

Analysis Method: 8260D | Date Collected: 03/14/2024 11:25

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 01:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: TB-01_20240314 | Lab Sample ID: 460-300167-4

Matrix: Water | Lab File ID: J02171.D

Analysis Method: 8260D | Date Collected: 03/14/2024 11:25

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 01:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U *	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	4-Bromofluorobenzene	91		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02171.D
Lims ID: 460-300167-A-4
Client ID: TB-01_20240314
Sample Type: Client
Inject. Date: 19-Mar-2024 01:11:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-A-4
Misc. Info.: 460-0173523-013
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 11:47:43 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 19-Mar-2024 04:04:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.368	2.366	0.002	75	209220	1000.0	
* 43 2-Butanone-d5	46	3.268	3.273	-0.004	87	370088	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.694	3.698	-0.004	96	176727	48.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.022	4.027	-0.005	0	184722	50.9	
* 66 Fluorobenzene	96	4.284	4.282	0.002	99	683951	50.0	
* 72 1,4-Dioxane-d8	96	4.990	4.994	-0.004	0	30545	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.987	5.986	0.001	99	514774	48.7	
* 94 Chlorobenzene-d5	117	7.940	7.945	-0.005	85	512011	50.0	
$ 105 4-Bromofluorobenzene	174	9.285	9.283	0.002	97	176592	45.5	
* 121 1,4-Dichlorobenzene-d4	152	10.337	10.335	0.002	95	257998	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00245 Amount Added: 1.00 Units: uL Run Reagent

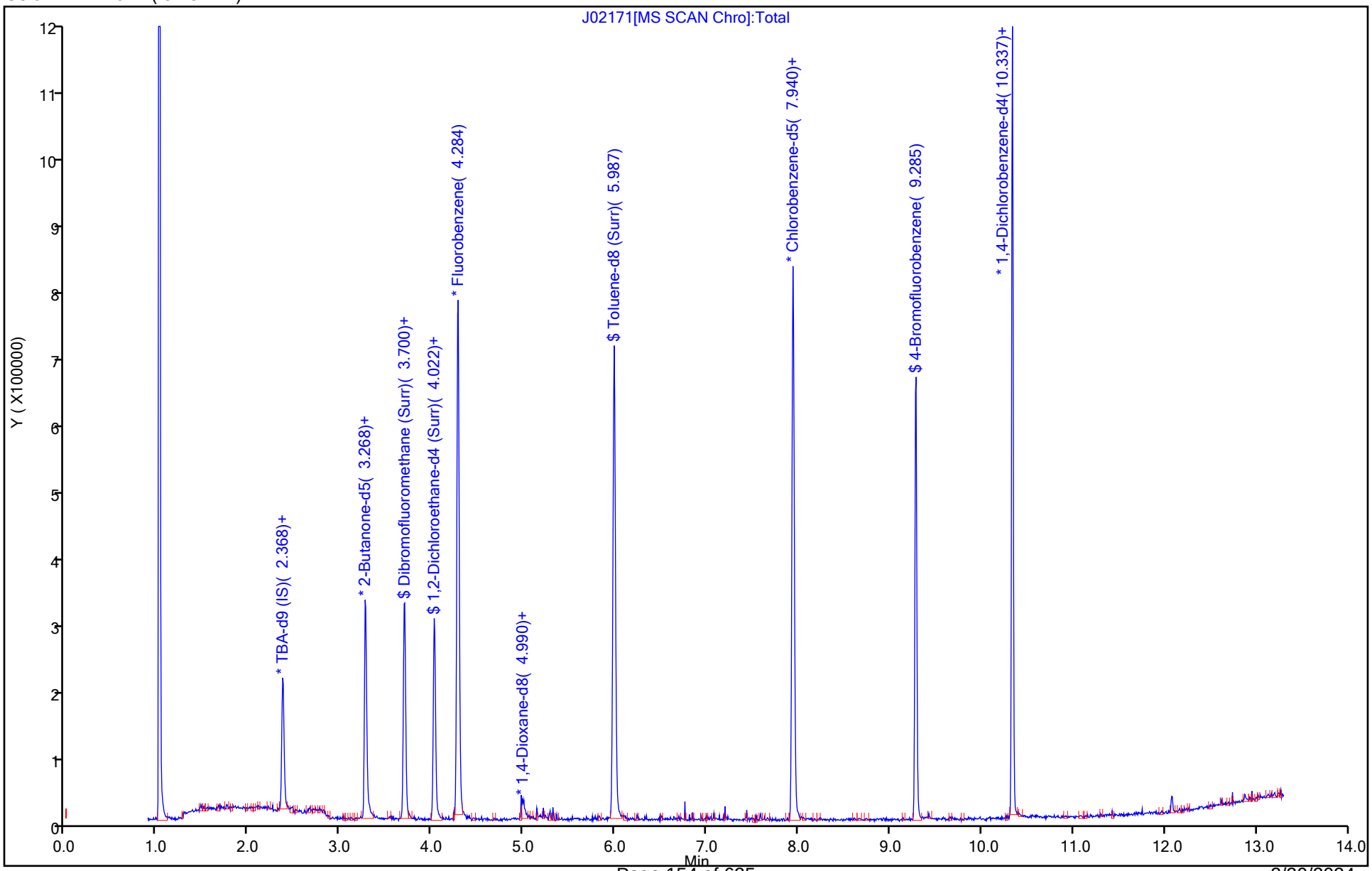
Report Date: 19-Mar-2024 11:50:11 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02171.D

Injection Date:	19-Mar-2024 01:11:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-300167-A-4	Lab Sample ID:	460-300167-4	Worklist Smp#:	13
Client ID:	TB-01_20240314				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



3/20/2024
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02171.D
Lims ID: 460-300167-A-4
Client ID: TB-01_20240314
Sample Type: Client
Inject. Date: 19-Mar-2024 01:11:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-A-4
Misc. Info.: 460-0173523-013
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 11:47:43 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 19-Mar-2024 04:04:02

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	48.5	97.06
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.9	101.84
$ 83 Toluene-d8 (Surr)	50.0	48.7	97.50
$ 105 4-Bromofluorobenzene	50.0	45.5	91.08

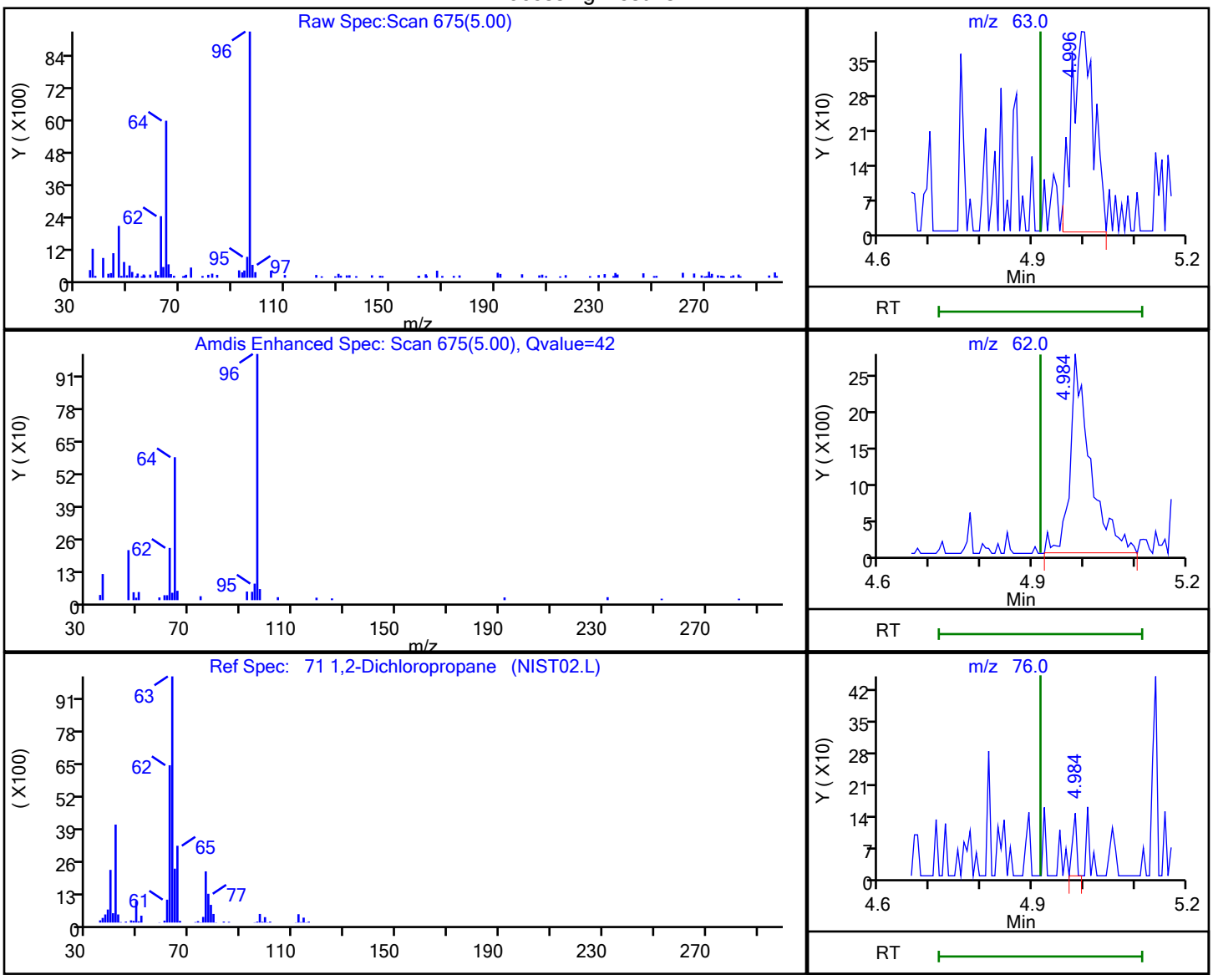
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02171.D				
Injection Date:	19-Mar-2024 01:11:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-A-4	Lab Sample ID:	460-300167-4		
Client ID:	TB-01_20240314				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

71 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
5.00	63.00	1213	0.398206
4.98	62.00	7662	
4.98	76.00	77	
4.91	112.00	0	

Reviewer: HVW2, 19-Mar-2024 04:03:56 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: FB-01_20240314 | Lab Sample ID: 460-300167-5

Matrix: Water | Lab File ID: J02170.D

Analysis Method: 8260D | Date Collected: 03/14/2024 07:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 00:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: FB-01_20240314 | Lab Sample ID: 460-300167-5

Matrix: Water | Lab File ID: J02170.D

Analysis Method: 8260D | Date Collected: 03/14/2024 07:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 00:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.7	*	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02170.D
Lims ID: 460-300167-A-5
Client ID: FB-01_20240314
Sample Type: Client
Inject. Date: 19-Mar-2024 00:46:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-A-5
Misc. Info.: 460-0173523-012
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 11:47:43 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 19-Mar-2024 04:03:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.368	2.366	0.002	76	280142	1000.0	
31 Methylene Chloride	84	2.387	2.390	-0.003	93	3651	1.67	
* 43 2-Butanone-d5	46	3.269	3.273	-0.003	87	343267	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.695	3.698	-0.003	96	171779	52.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.023	4.027	-0.004	0	172652	52.9	
* 66 Fluorobenzene	96	4.285	4.282	0.003	99	615509	50.0	
* 72 1,4-Dioxane-d8	96	4.990	4.994	-0.004	0	29987	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.988	5.986	0.002	99	519726	50.3	
* 94 Chlorobenzene-d5	117	7.941	7.945	-0.004	86	501174	50.0	
$ 105 4-Bromofluorobenzene	174	9.285	9.283	0.002	96	179627	47.3	
* 121 1,4-Dichlorobenzene-d4	152	10.338	10.335	0.003	95	255115	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00245 Amount Added: 1.00 Units: uL Run Reagent

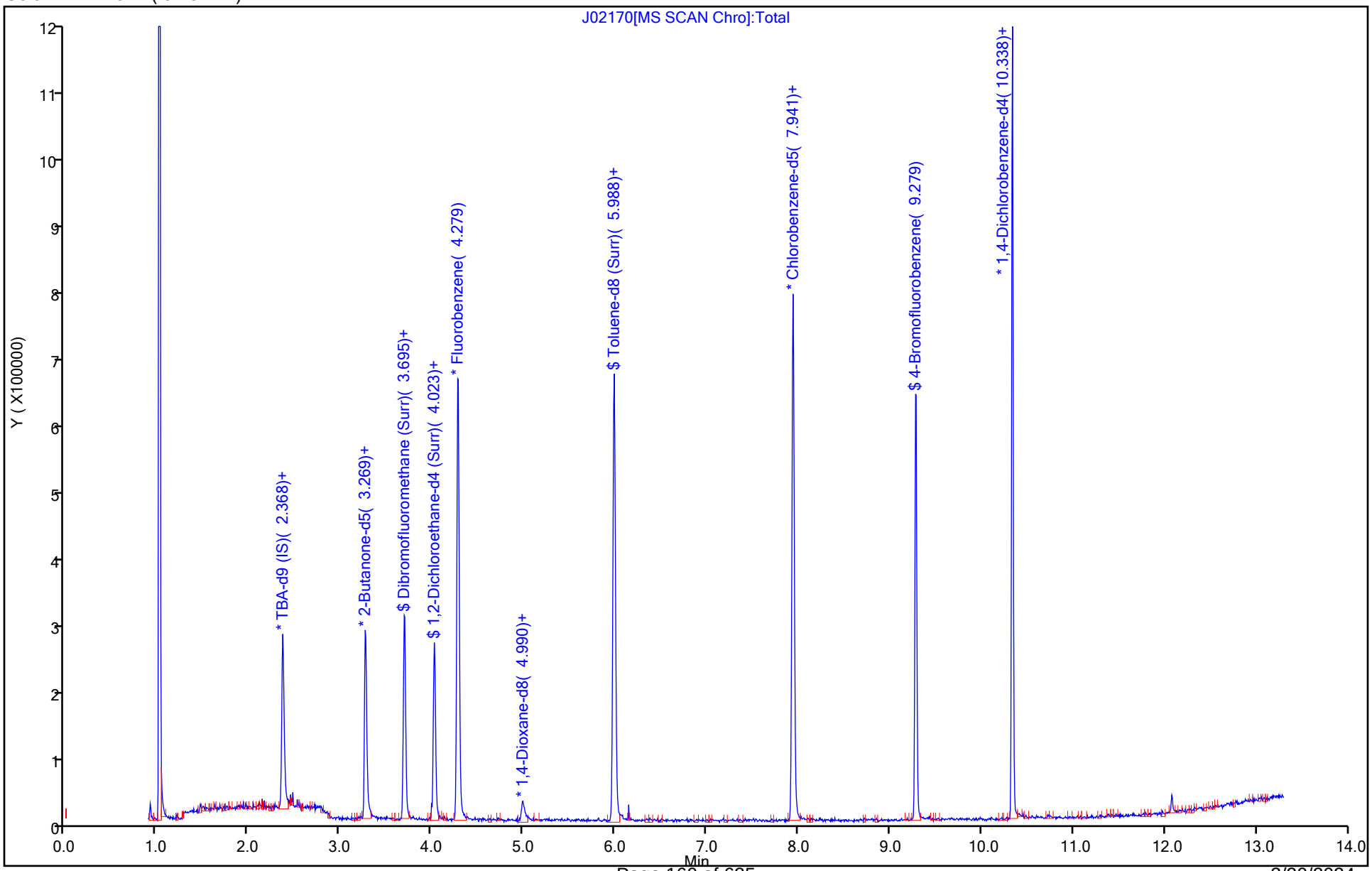
Report Date: 19-Mar-2024 11:50:08 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02170.D

Injection Date:	19-Mar-2024 00:46:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-300167-A-5	Lab Sample ID:	460-300167-5	Worklist Smp#:	12
Client ID:	FB-01_20240314				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



3/20/2024
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02170.D
Lims ID: 460-300167-A-5
Client ID: FB-01_20240314
Sample Type: Client
Inject. Date: 19-Mar-2024 00:46:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-A-5
Misc. Info.: 460-0173523-012
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 11:47:43 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

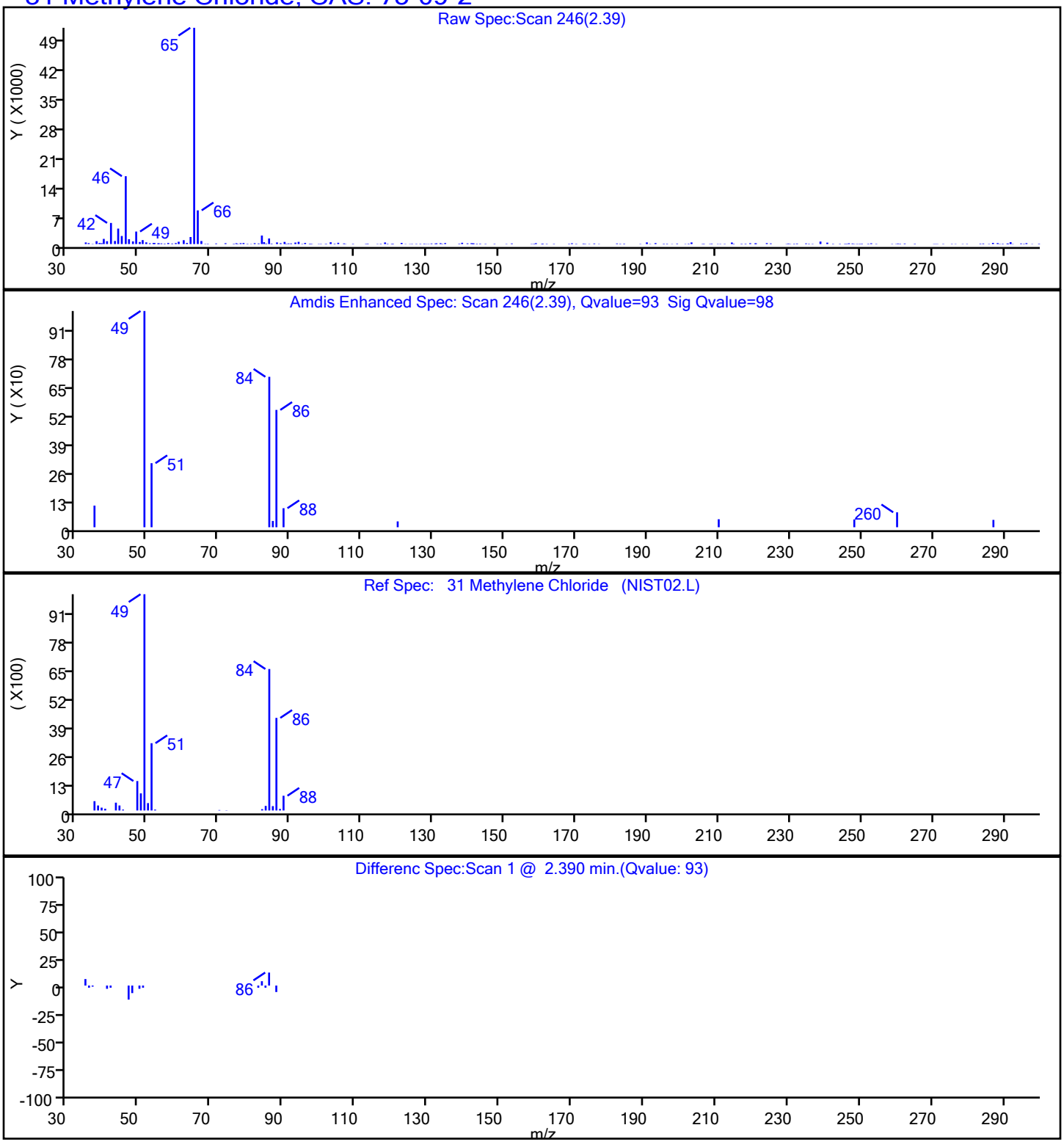
First Level Reviewer: HVW2 Date: 19-Mar-2024 04:03:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	52.4	104.83
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	52.9	105.77
$ 83 Toluene-d8 (Surr)	50.0	50.3	100.56
$ 105 4-Bromofluorobenzene	50.0	47.3	94.65

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02170.D
Injection Date: 19-Mar-2024 00:46:30 Instrument ID: CVOAMS8
Lims ID: 460-300167-A-5 Lab Sample ID: 460-300167-5
Client ID: FB-01_20240314
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Methylene Chloride, CAS: 75-09-2



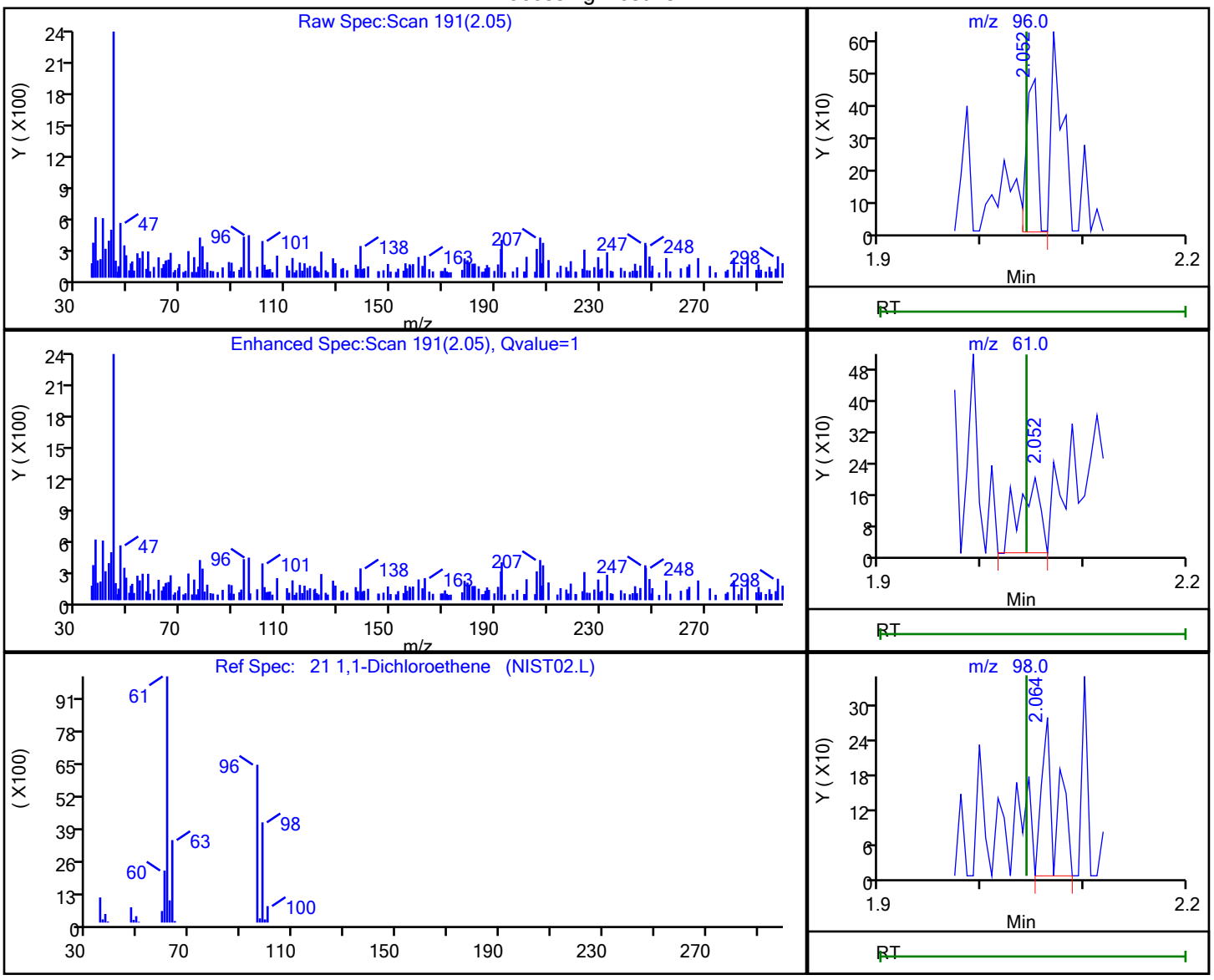
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02170.D				
Injection Date:	19-Mar-2024 00:46:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-A-5	Lab Sample ID:	460-300167-5		
Client ID:	FB-01_20240314				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.05	96.00	356	0.173676
2.05	61.00	297	
2.06	98.00	276	
2.06	63.00	789	

Reviewer: HVW2, 19-Mar-2024 04:03:42 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

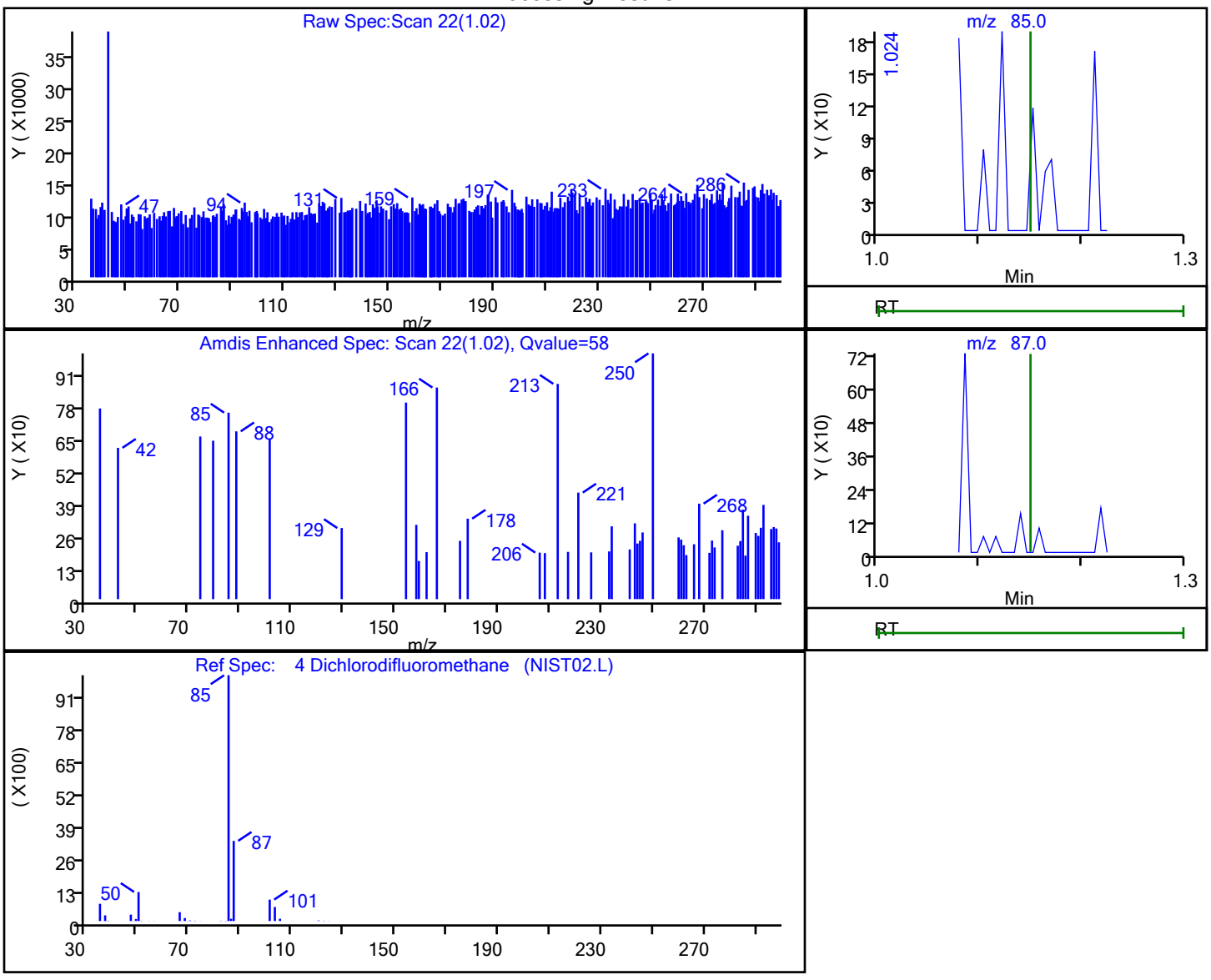
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02170.D				
Injection Date:	19-Mar-2024 00:46:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-A-5	Lab Sample ID:	460-300167-5		
Client ID:	FB-01_20240314				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.02	85.00	5130	1.452682
1.02	87.00	13243	

Reviewer: HVW2, 19-Mar-2024 04:03:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

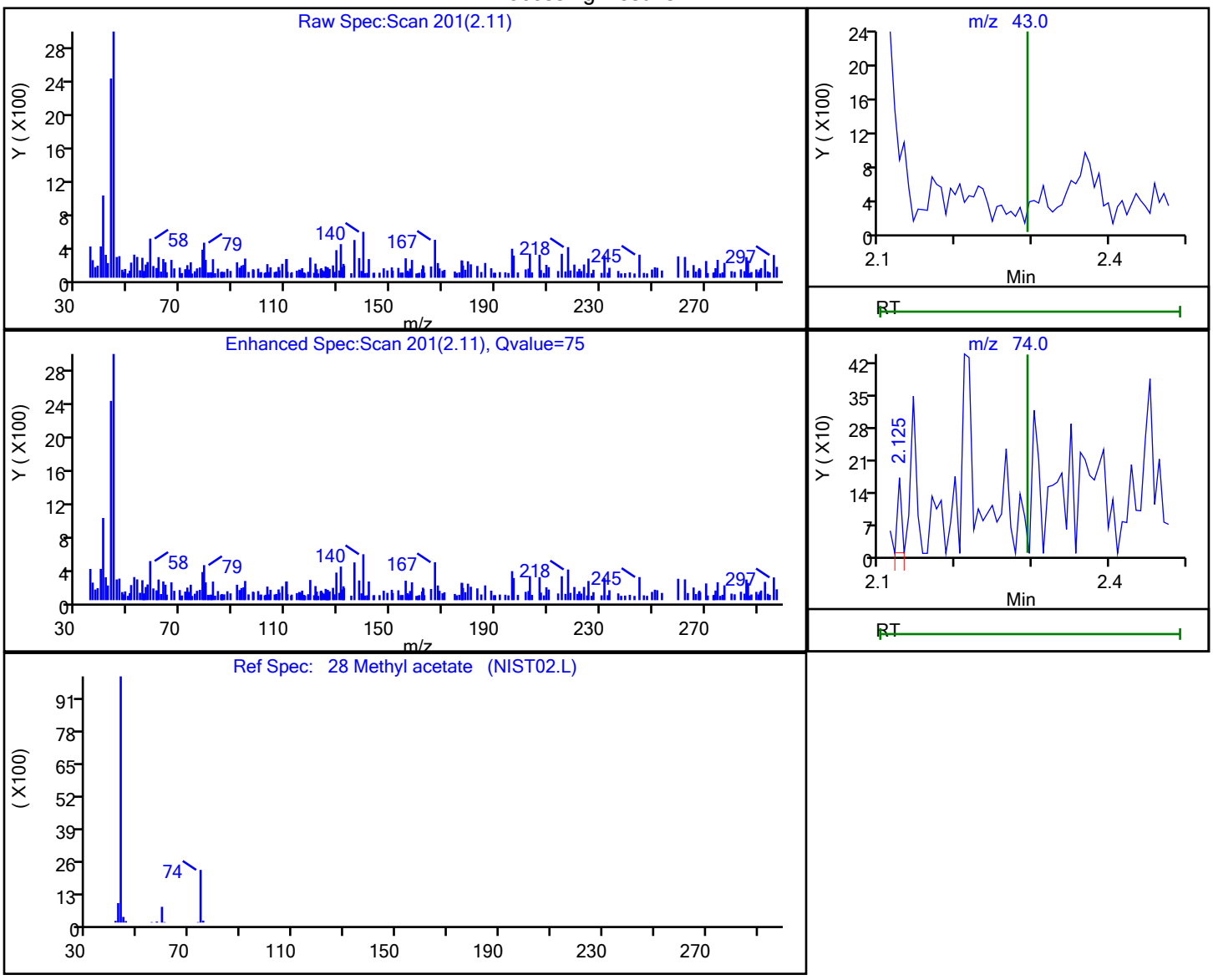
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02170.D				
Injection Date:	19-Mar-2024 00:46:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-A-5	Lab Sample ID:	460-300167-5		
Client ID:	FB-01_20240314				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

28 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.11	43.00	3081	1.339783
2.13	74.00	61	

Reviewer: HVW2, 19-Mar-2024 04:03:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: DUP-01_20240314 | Lab Sample ID: 460-300167-6

Matrix: Water | Lab File ID: J02183.D

Analysis Method: 8260D | Date Collected: 03/14/2024 09:15

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 06:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	2.7		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.1		1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.55	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.35	J	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: DUP-01_20240314 | Lab Sample ID: 460-300167-6

Matrix: Water | Lab File ID: J02183.D

Analysis Method: 8260D | Date Collected: 03/14/2024 09:15

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 06:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U *	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	0.82	J	1.0	0.32
103-65-1	N-Propylbenzene	0.56	J	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	57		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.93	J	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	90		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D
Lims ID: 460-300167-B-6
Client ID: DUP-01_20240314
Sample Type: Client
Inject. Date: 19-Mar-2024 06:14:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-B-6
Misc. Info.: 460-0173523-025
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 15:48:00 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: K0HS Date: 19-Mar-2024 11:55:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.367	2.366	0.001	76	246406	1000.0	
* 43 2-Butanone-d5	46	3.273	3.273	0.001	87	355734	250.0	
44 cis-1,2-Dichloroethene	96	3.303	3.303	0.000	29	1097	0.3482	
52 Chloroform	83	3.553	3.552	0.001	96	2990	0.5496	
$ 55 Dibromofluoromethane (Surr)	113	3.699	3.698	0.001	96	174608	51.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.021	4.027	-0.006	0	175852	52.4	
* 66 Fluorobenzene	96	4.283	4.282	0.001	99	632927	50.0	
68 Trichloroethene	95	4.624	4.629	-0.005	92	2687	0.9281	M
* 72 1,4-Dioxane-d8	96	4.989	4.994	-0.005	0	28783	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.986	5.986	0.000	99	495812	48.6	
88 Tetrachloroethene	166	6.734	6.734	0.000	99	167113	57.2	
* 94 Chlorobenzene-d5	117	7.945	7.945	0.000	85	494327	50.0	
$ 105 4-Bromofluorobenzene	174	9.283	9.283	0.000	96	167669	44.8	
108 N-Propylbenzene	91	9.496	9.490	0.006	98	6254	0.5600	
113 1,3,5-Trimethylbenzene	105	9.673	9.672	0.001	92	8064	1.05	
117 1,2,4-Trimethylbenzene	105	10.013	10.013	0.000	97	21599	2.66	
* 121 1,4-Dichlorobenzene-d4	152	10.336	10.335	0.001	95	253153	50.0	
127 n-Butylbenzene	92	10.622	10.621	0.001	74	3138	0.8169	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00245 Amount Added: 1.00 Units: uL Run Reagent

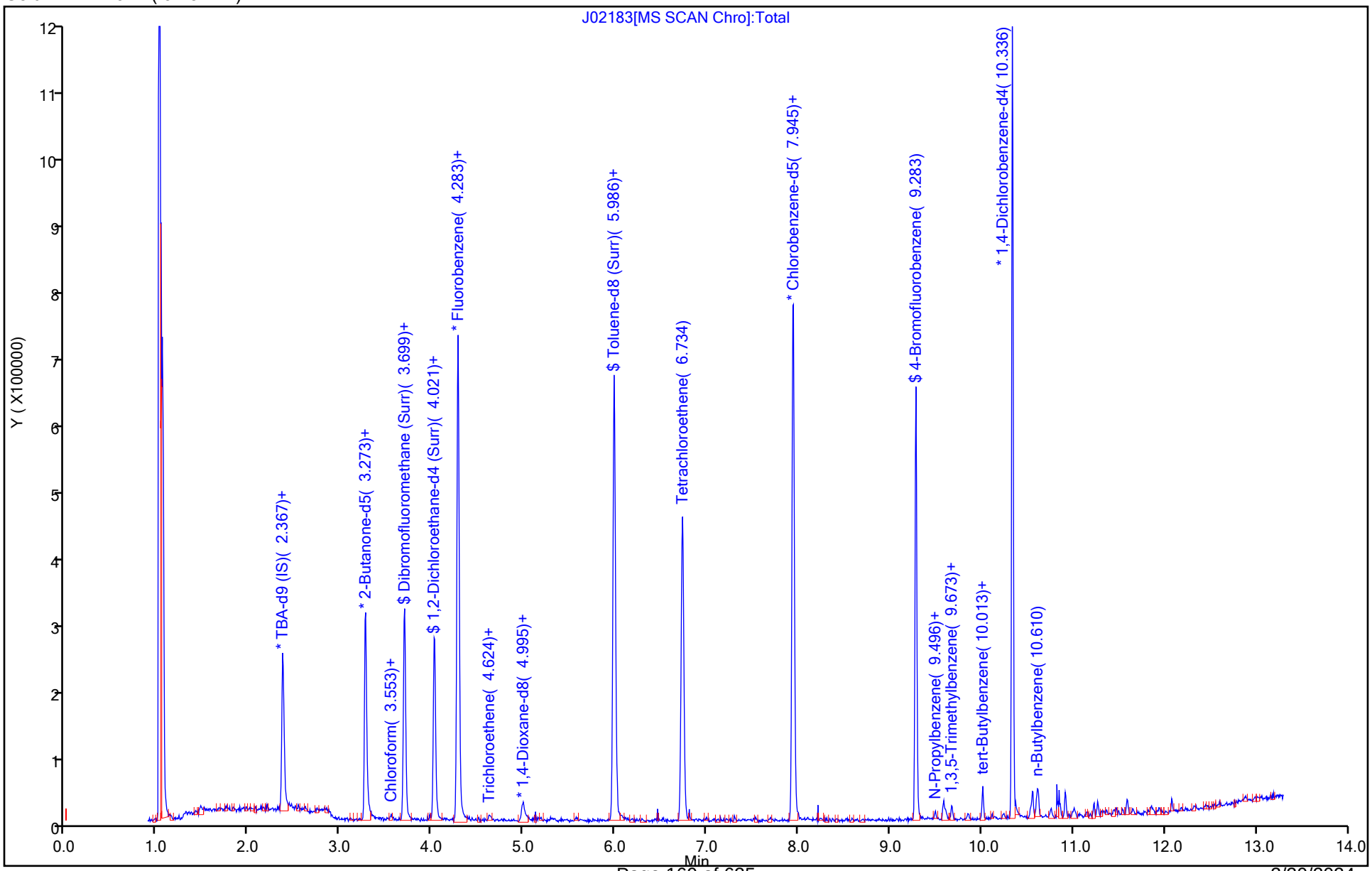
Report Date: 19-Mar-2024 15:48:01 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D

Injection Date:	19-Mar-2024 06:14:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-300167-B-6	Lab Sample ID:	460-300167-6	Worklist Smp#:	25
Client ID:	DUP-01_20240314				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D
Lims ID: 460-300167-B-6
Client ID: DUP-01_20240314
Sample Type: Client
Inject. Date: 19-Mar-2024 06:14:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-B-6
Misc. Info.: 460-0173523-025
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 15:48:00 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

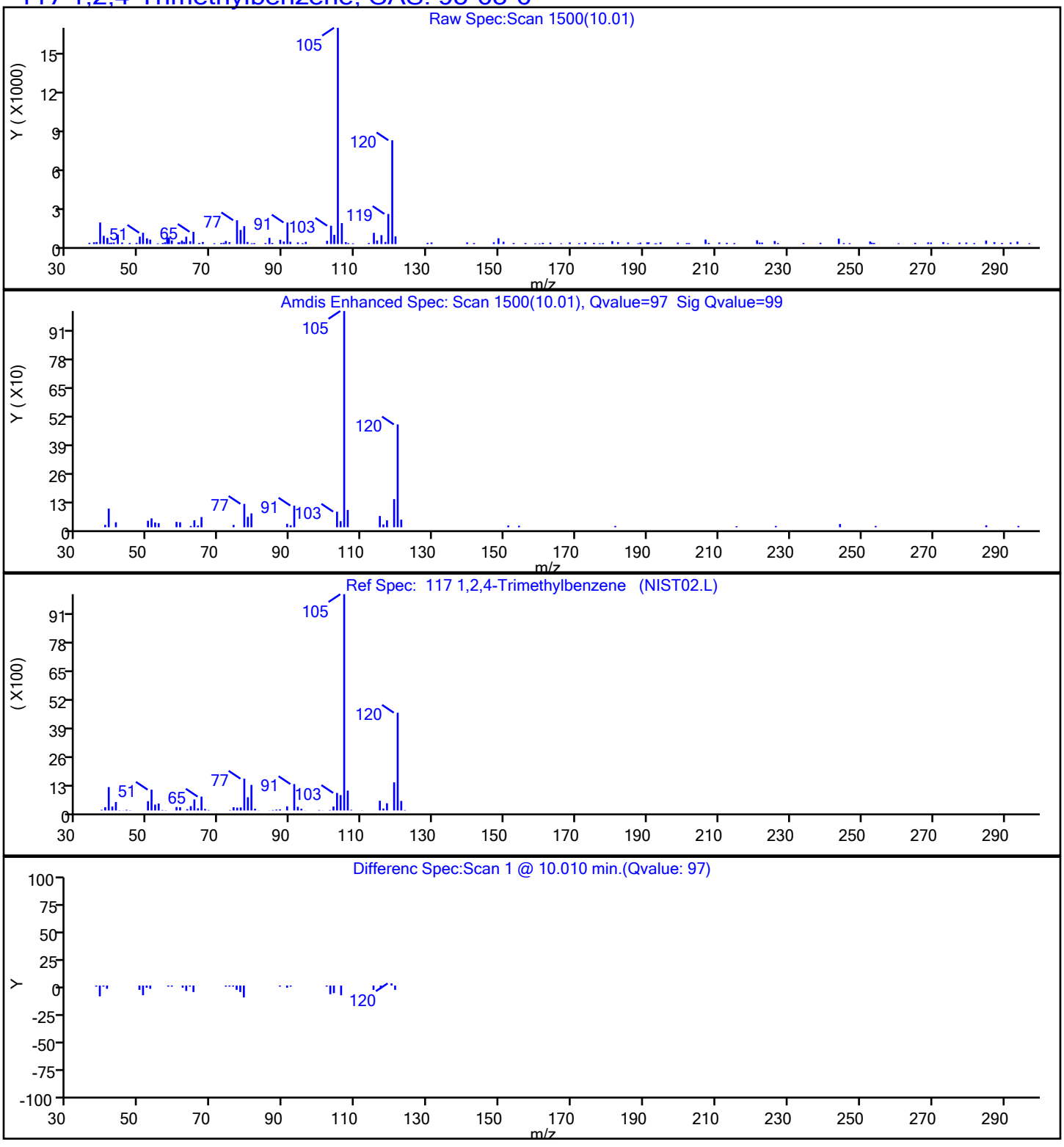
First Level Reviewer: K0HS Date: 19-Mar-2024 11:55:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.8	103.63
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	52.4	104.77
$ 83 Toluene-d8 (Surr)	50.0	48.6	97.26
$ 105 4-Bromofluorobenzene	50.0	44.8	89.57

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D				
Injection Date:	19-Mar-2024 06:14:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-6	Lab Sample ID:	460-300167-6		
Client ID:	DUP-01_20240314				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

117 1,2,4-Trimethylbenzene, CAS: 95-63-6



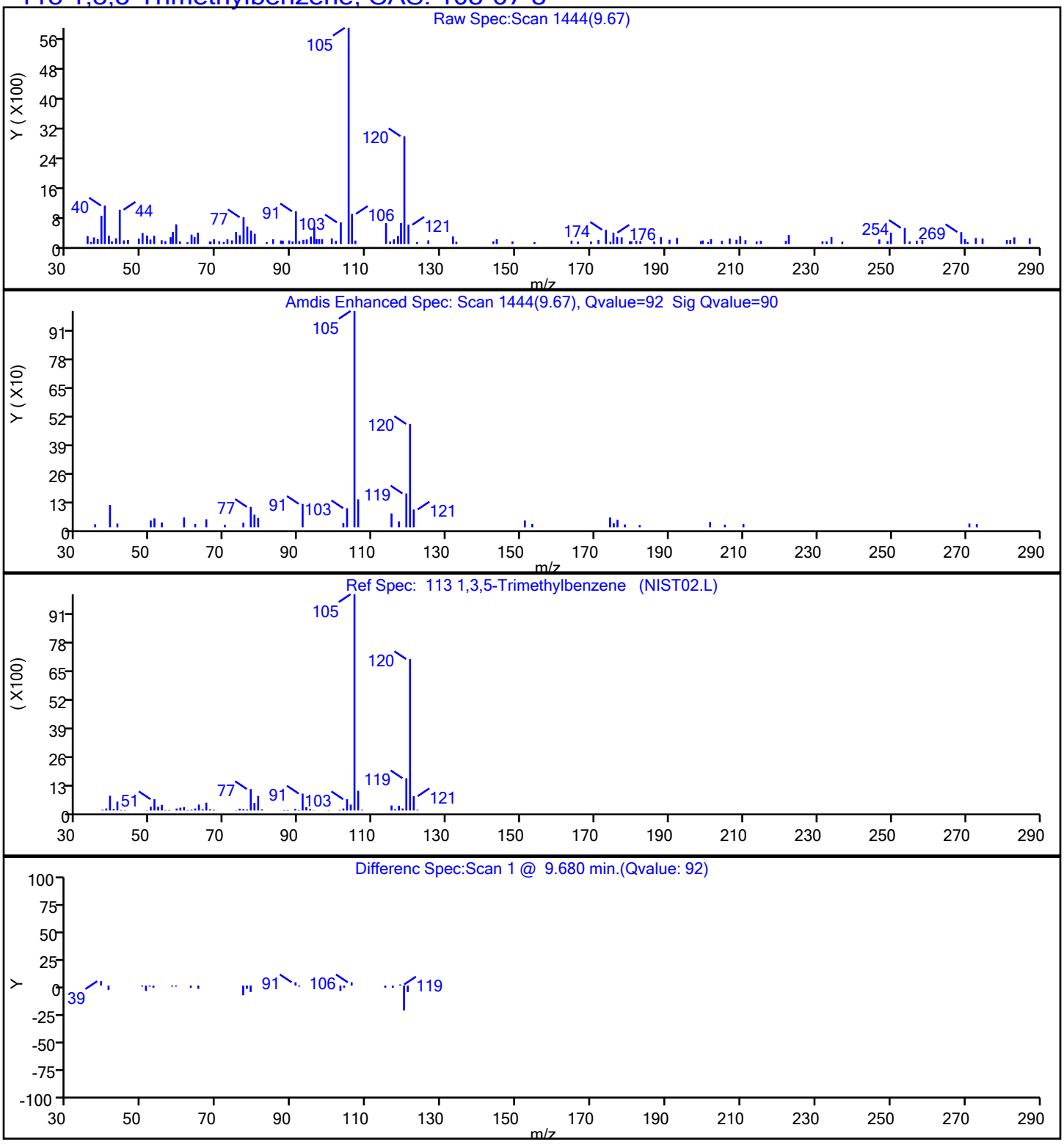
Report Date: 19-Mar-2024 15:48:02 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D

Injection Date:	19-Mar-2024 06:14:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-6	Lab Sample ID:	460-300167-6		
Client ID:	DUP-01_20240314				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

113 1,3,5-Trimethylbenzene, CAS: 108-67-8



3/20/2024
1:03:26 PM

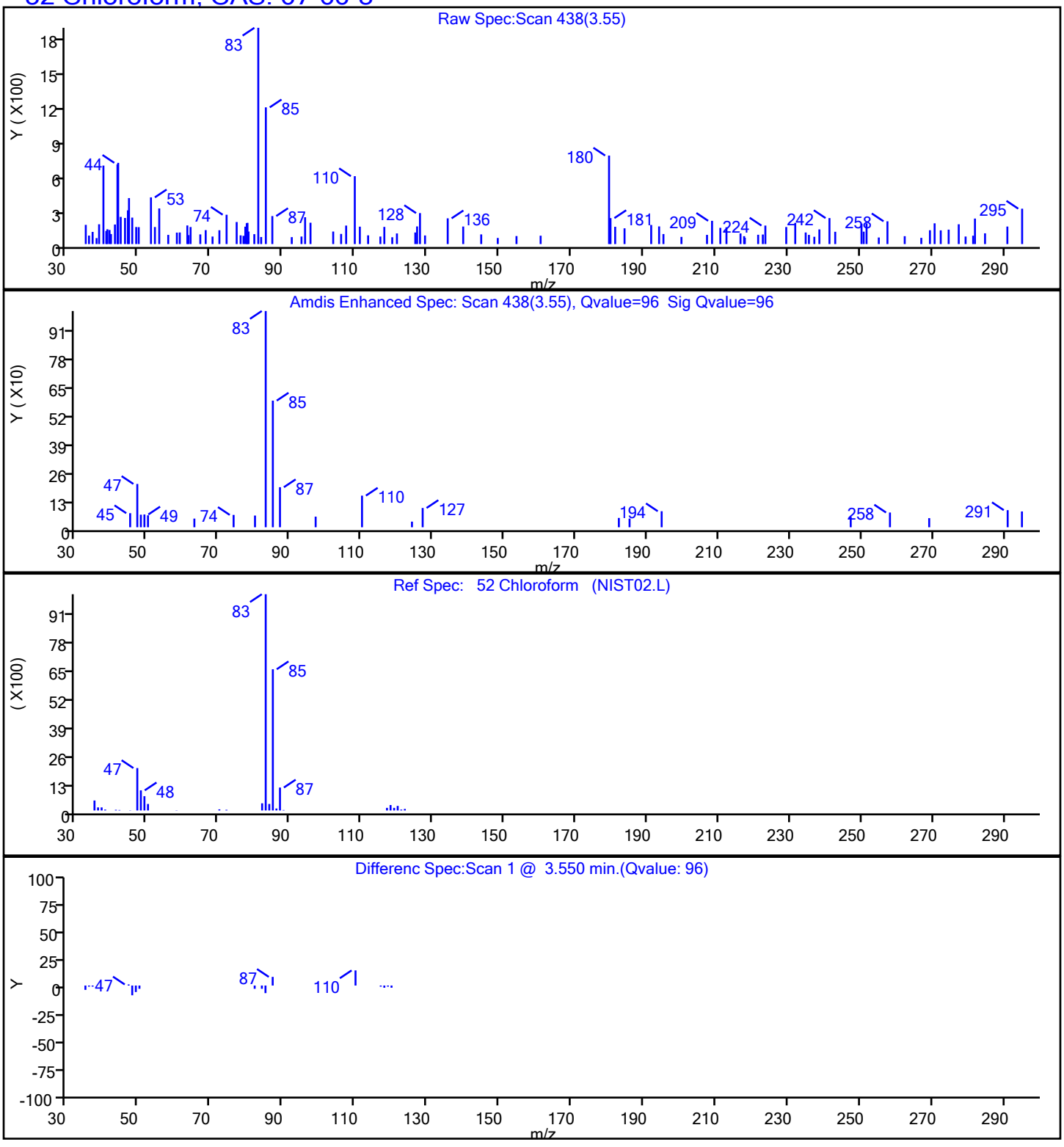
Report Date: 19-Mar-2024 15:48:01 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D

Injection Date:	19-Mar-2024 06:14:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-6	Lab Sample ID:	460-300167-6		
Client ID:	DUP-01_20240314				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

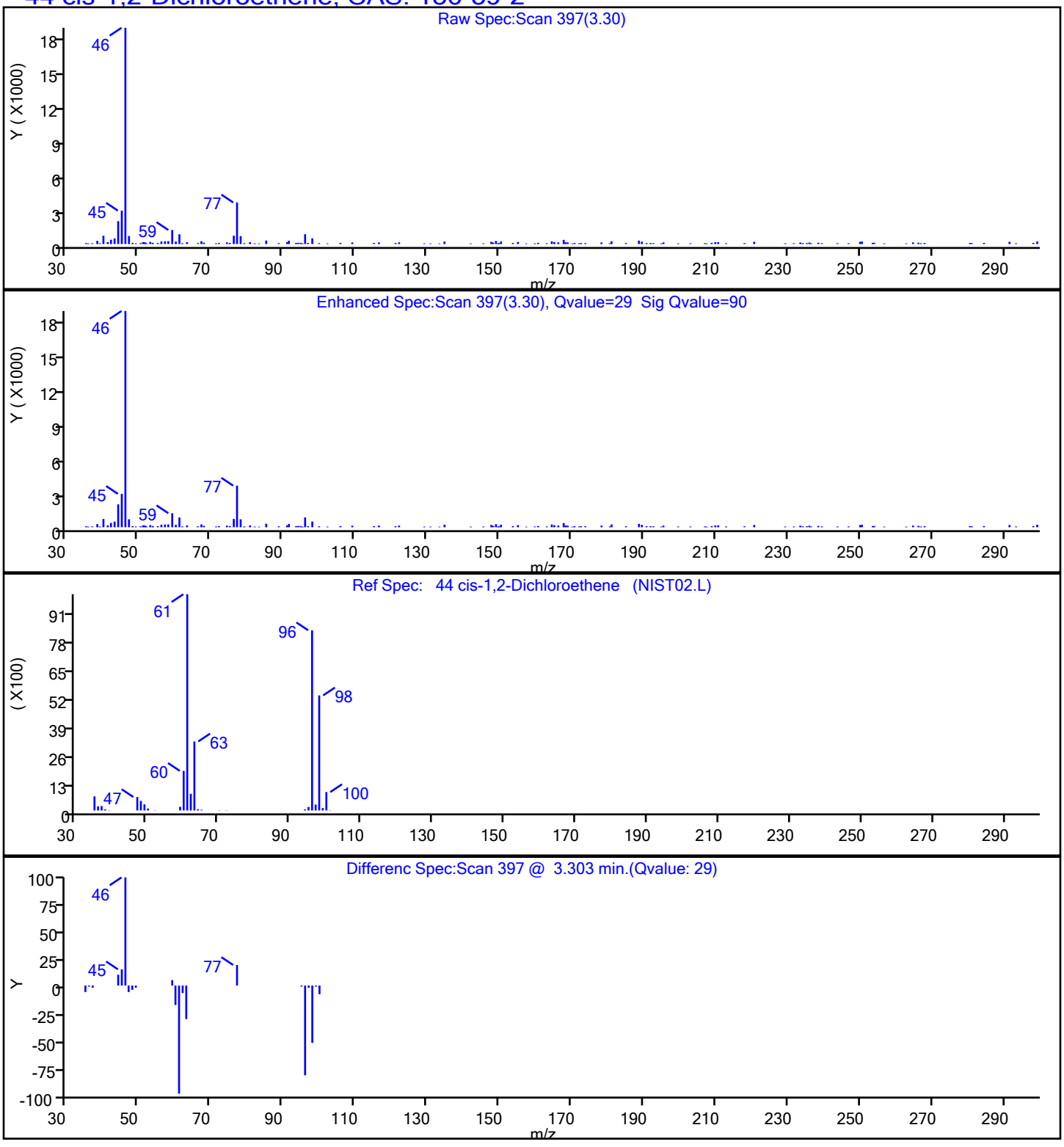
52 Chloroform, CAS: 67-66-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D		
Injection Date:	19-Mar-2024 06:14:30	Instrument ID:	CVOAMS8
Lims ID:	460-300167-B-6	Lab Sample ID:	460-300167-6
Client ID:	DUP-01_20240314		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

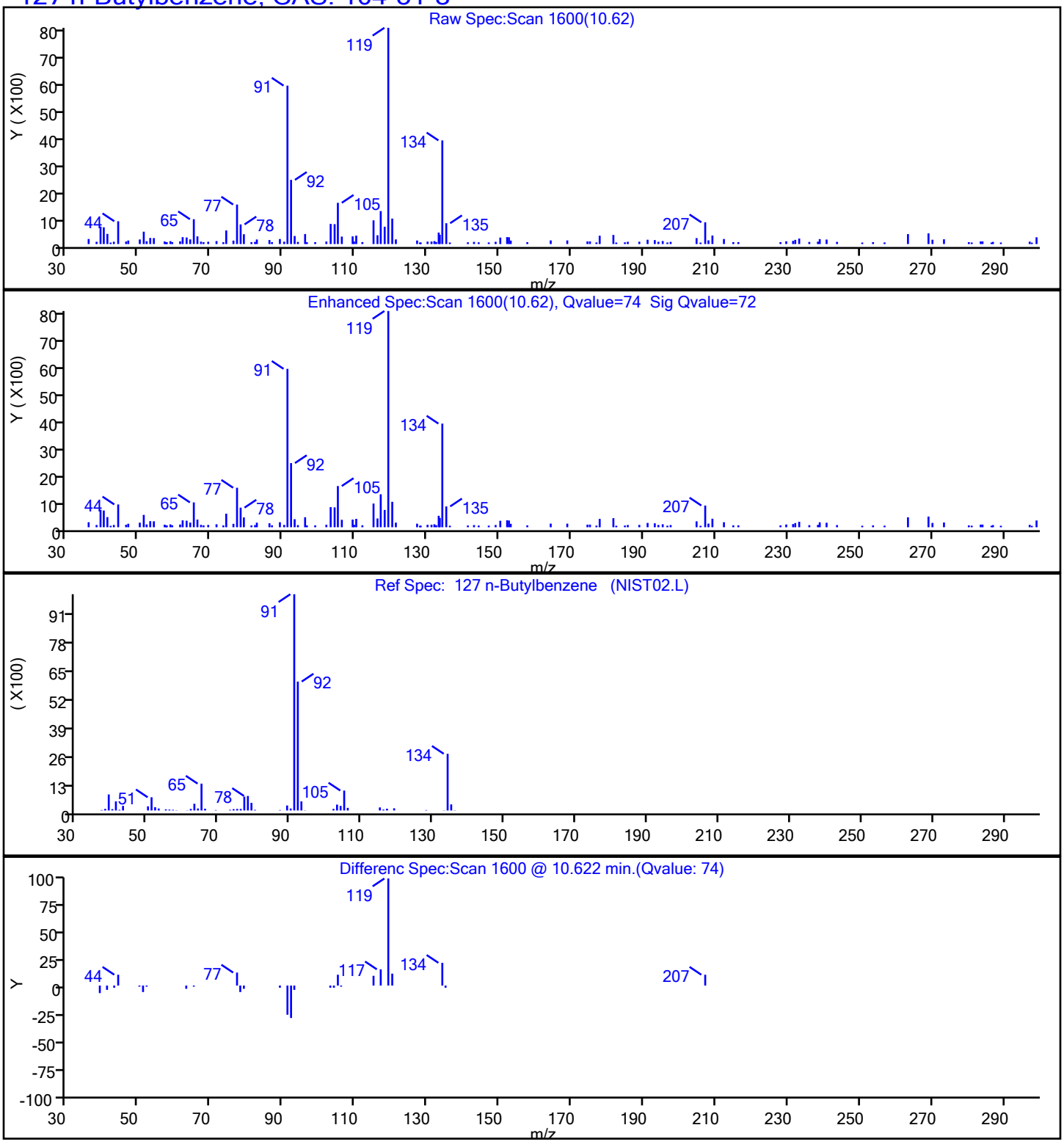
44 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D
Injection Date: 19-Mar-2024 06:14:30 Instrument ID: CVOAMS8
Lims ID: 460-300167-B-6 Lab Sample ID: 460-300167-6
Client ID: DUP-01_20240314
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

127 n-Butylbenzene, CAS: 104-51-8



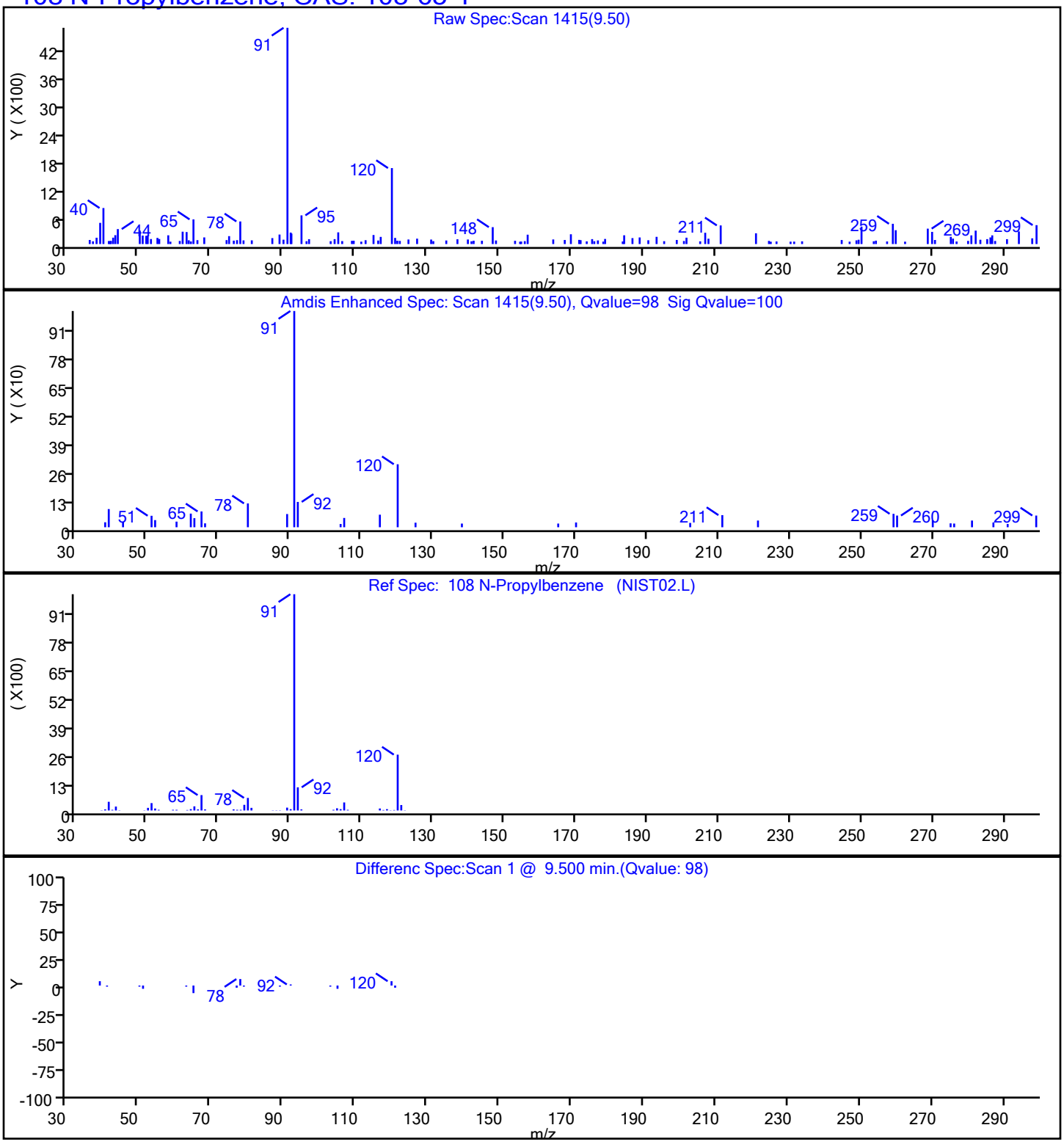
Report Date: 19-Mar-2024 15:48:02 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D

Injection Date:	19-Mar-2024 06:14:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-6	Lab Sample ID:	460-300167-6		
Client ID:	DUP-01_20240314				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

108 N-Propylbenzene, CAS: 103-65-1



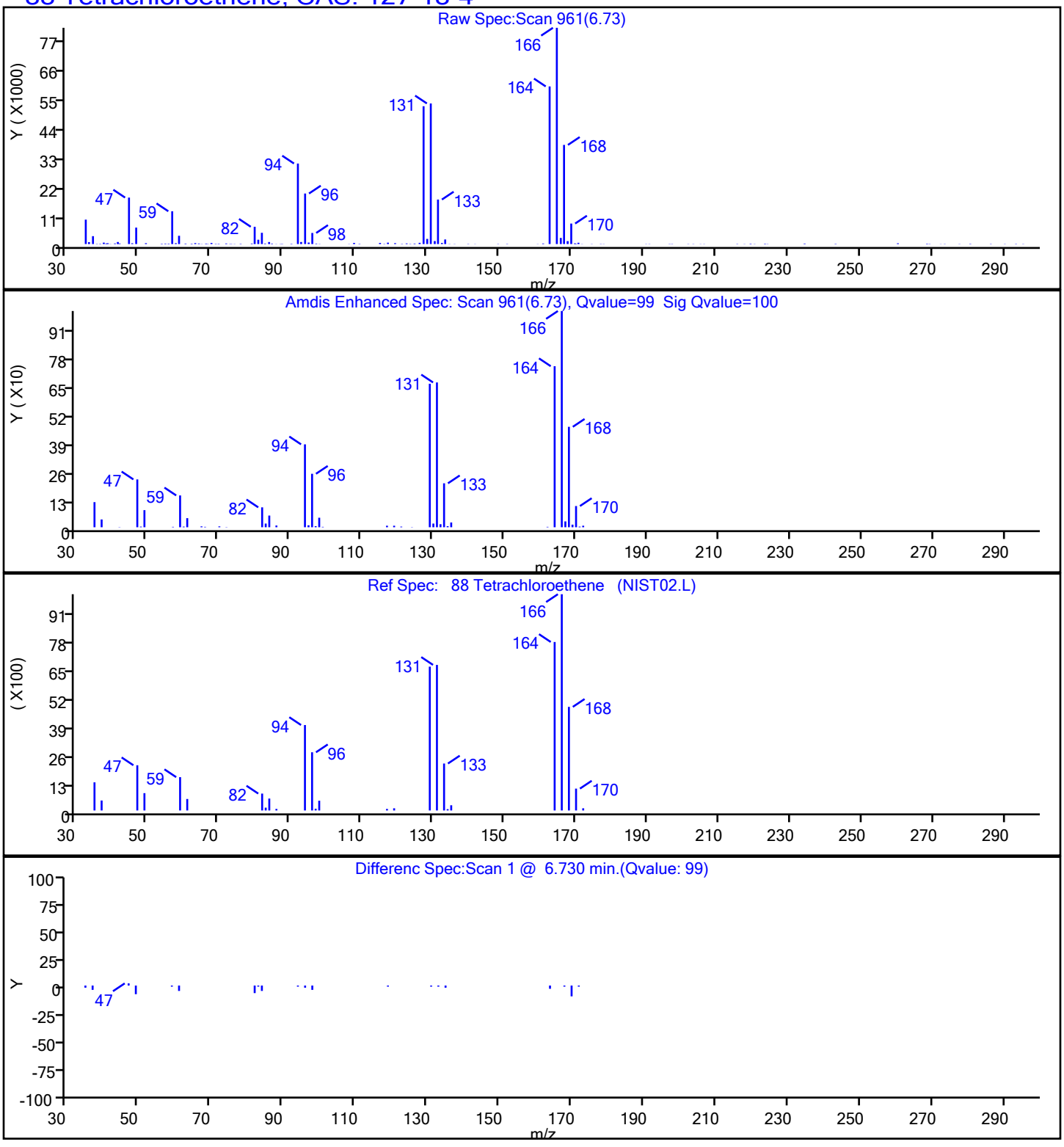
Report Date: 19-Mar-2024 15:48:02 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D

Injection Date:	19-Mar-2024 06:14:30	Instrument ID:	CVOAMS8
Lims ID:	460-300167-B-6	Lab Sample ID:	460-300167-6
Client ID:	DUP-01_20240314		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

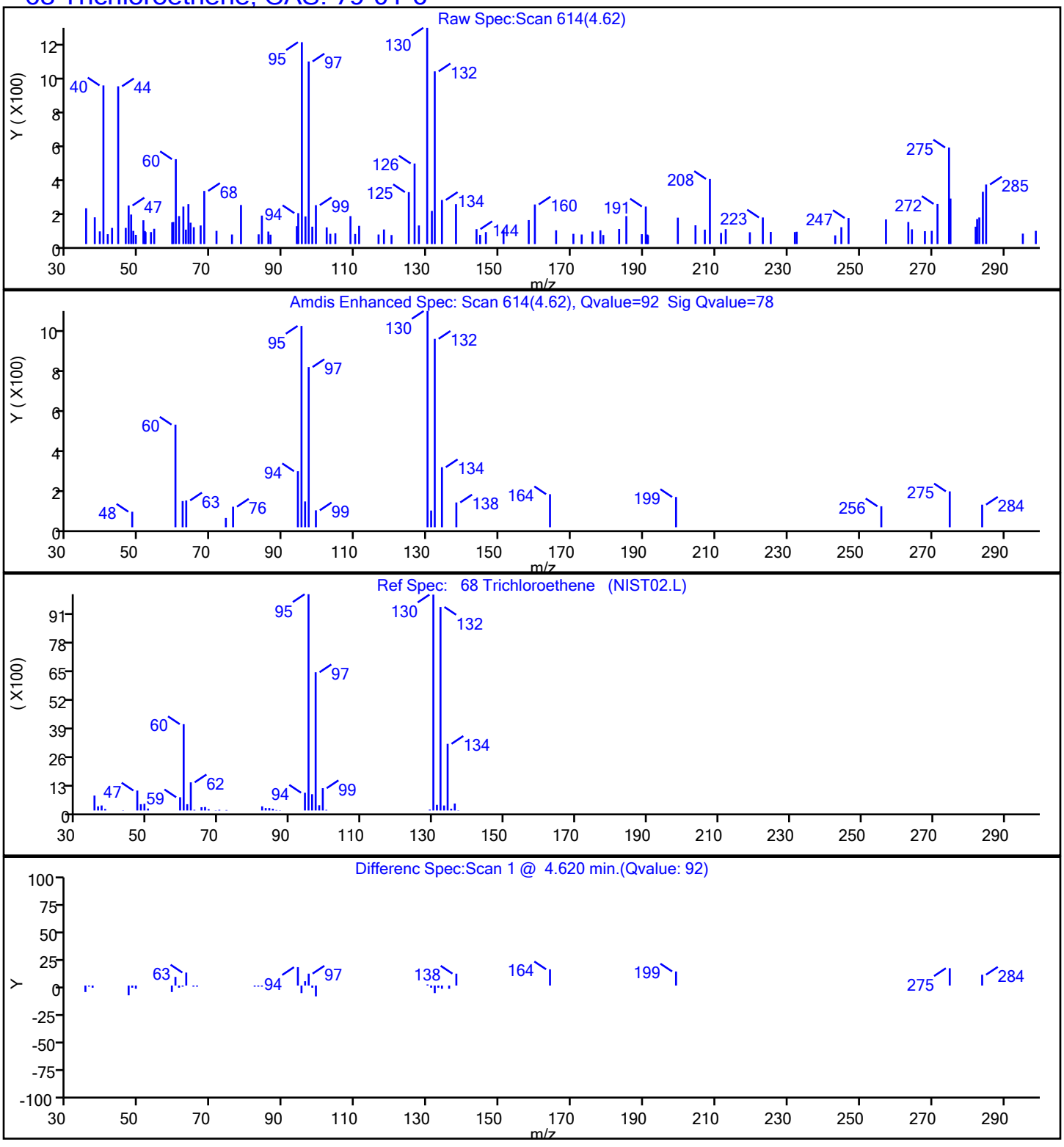


3/20/2024
1:03:26 PM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D
Injection Date: 19-Mar-2024 06:14:30 Instrument ID: CVOAMS8
Lims ID: 460-300167-B-6 Lab Sample ID: 460-300167-6
Client ID: DUP-01_20240314
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 Trichloroethene, CAS: 79-01-6



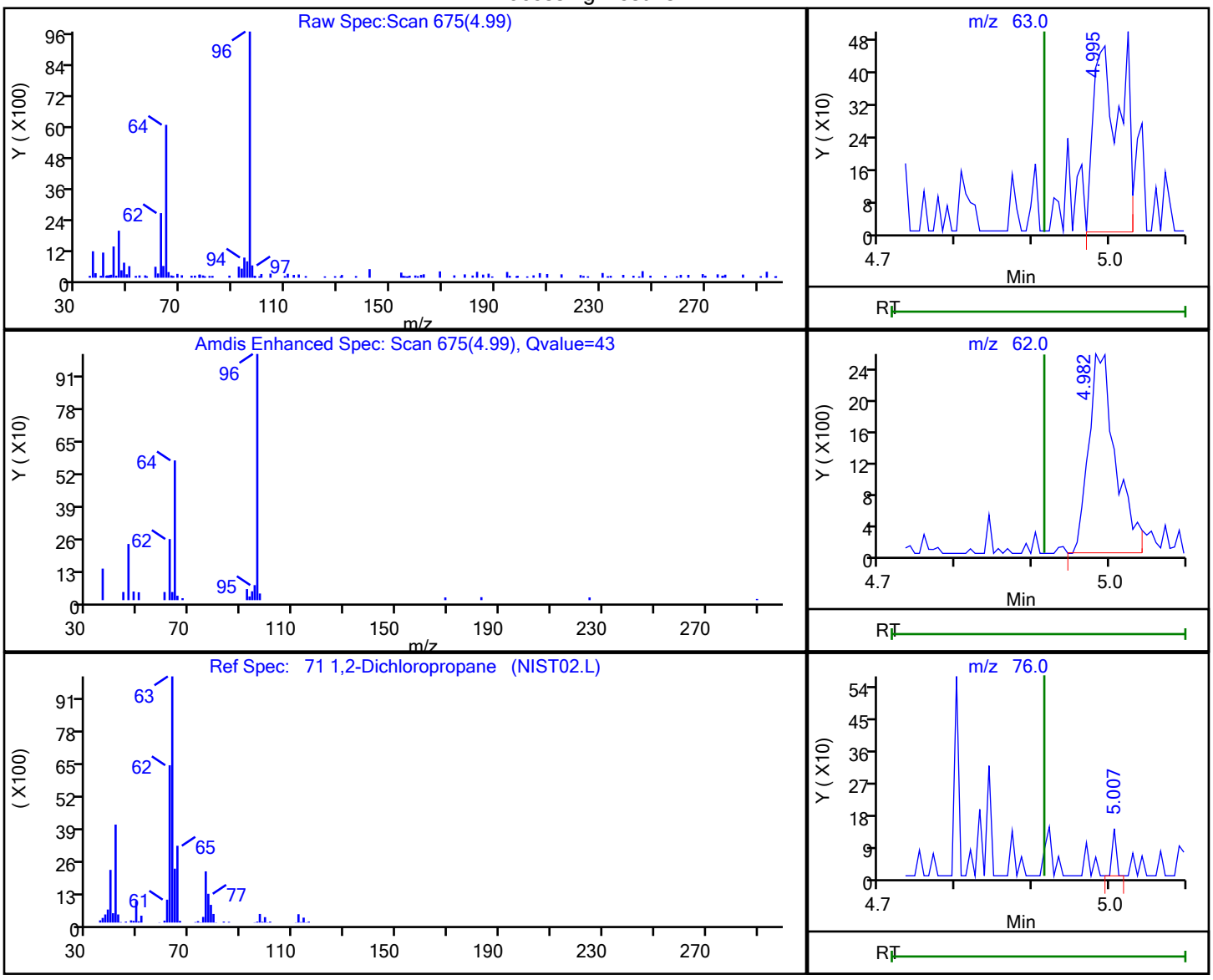
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D				
Injection Date:	19-Mar-2024 06:14:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-6	Lab Sample ID:	460-300167-6		
Client ID:	DUP-01_20240314				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

71 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
4.99	63.00	1171	0.415408
4.98	62.00	6340	
5.01	76.00	49	
5.01	112.00	146	

Reviewer: K0HS, 19-Mar-2024 11:54:51 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison

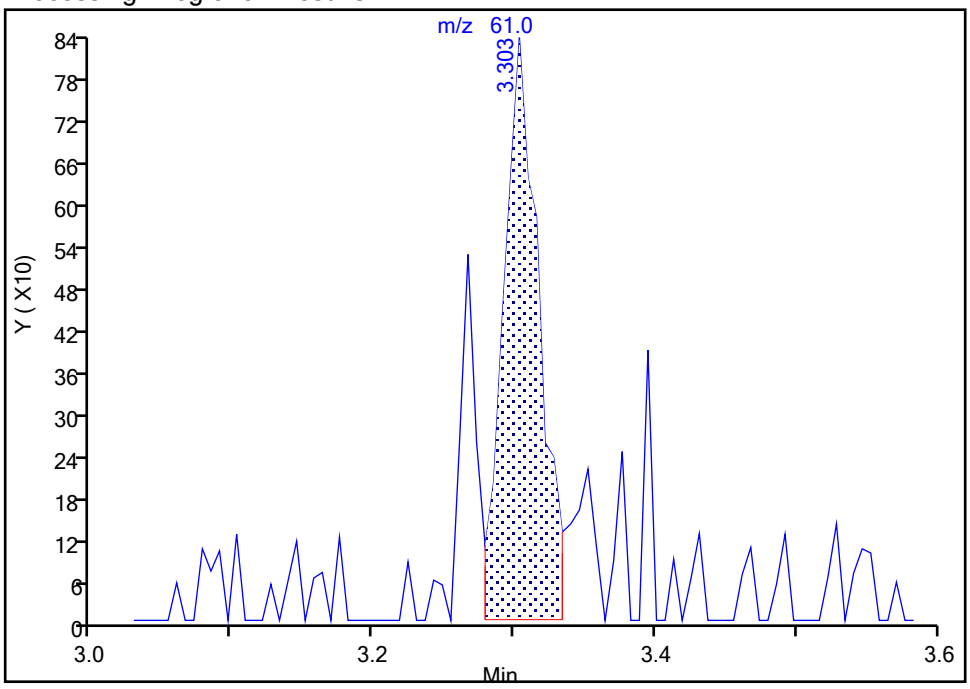
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D				
Injection Date:	19-Mar-2024 06:14:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-6	Lab Sample ID:	460-300167-6		
Client ID:	DUP-01_20240314				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 2

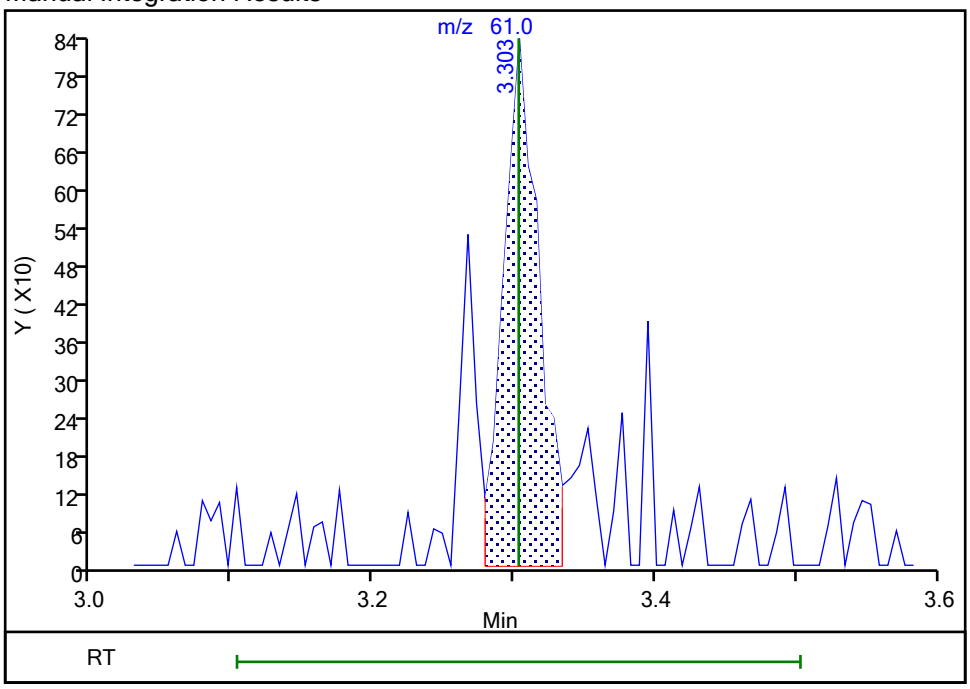
Processing Integration Results

RT: 3.30
Area: 1482
Amount: 0.348177
Amount Units: ug/l



Manual Integration Results

RT: 3.30
Area: 1482
Amount: 0.348177
Amount Units: ug/l



Reviewer: K0HS, 19-Mar-2024 11:54:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D

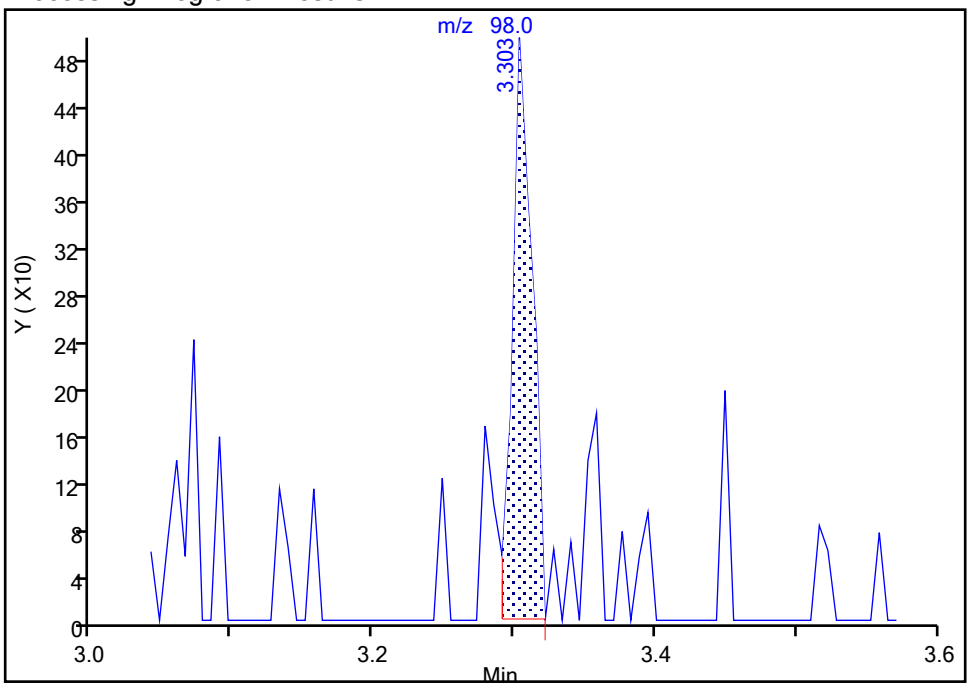
Injection Date:	19-Mar-2024 06:14:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-6	Lab Sample ID:	460-300167-6		
Client ID:	DUP-01_20240314				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 3

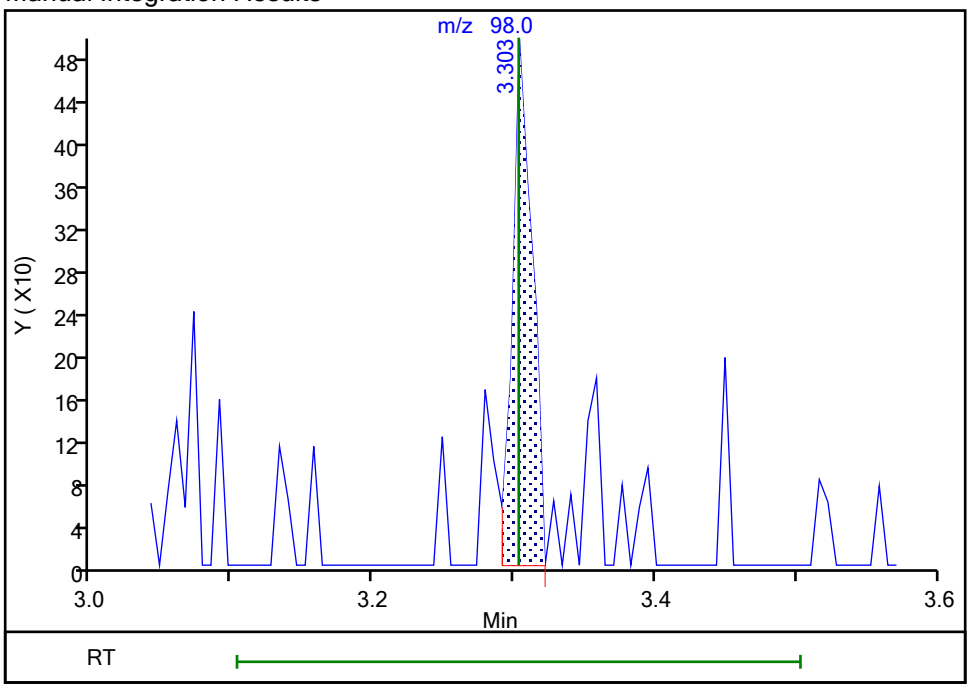
Processing Integration Results

RT: 3.30
Area: 480
Amount: 0.348177
Amount Units: ug/l



Manual Integration Results

RT: 3.30
Area: 480
Amount: 0.348177
Amount Units: ug/l



Reviewer: K0HS, 19-Mar-2024 11:54:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

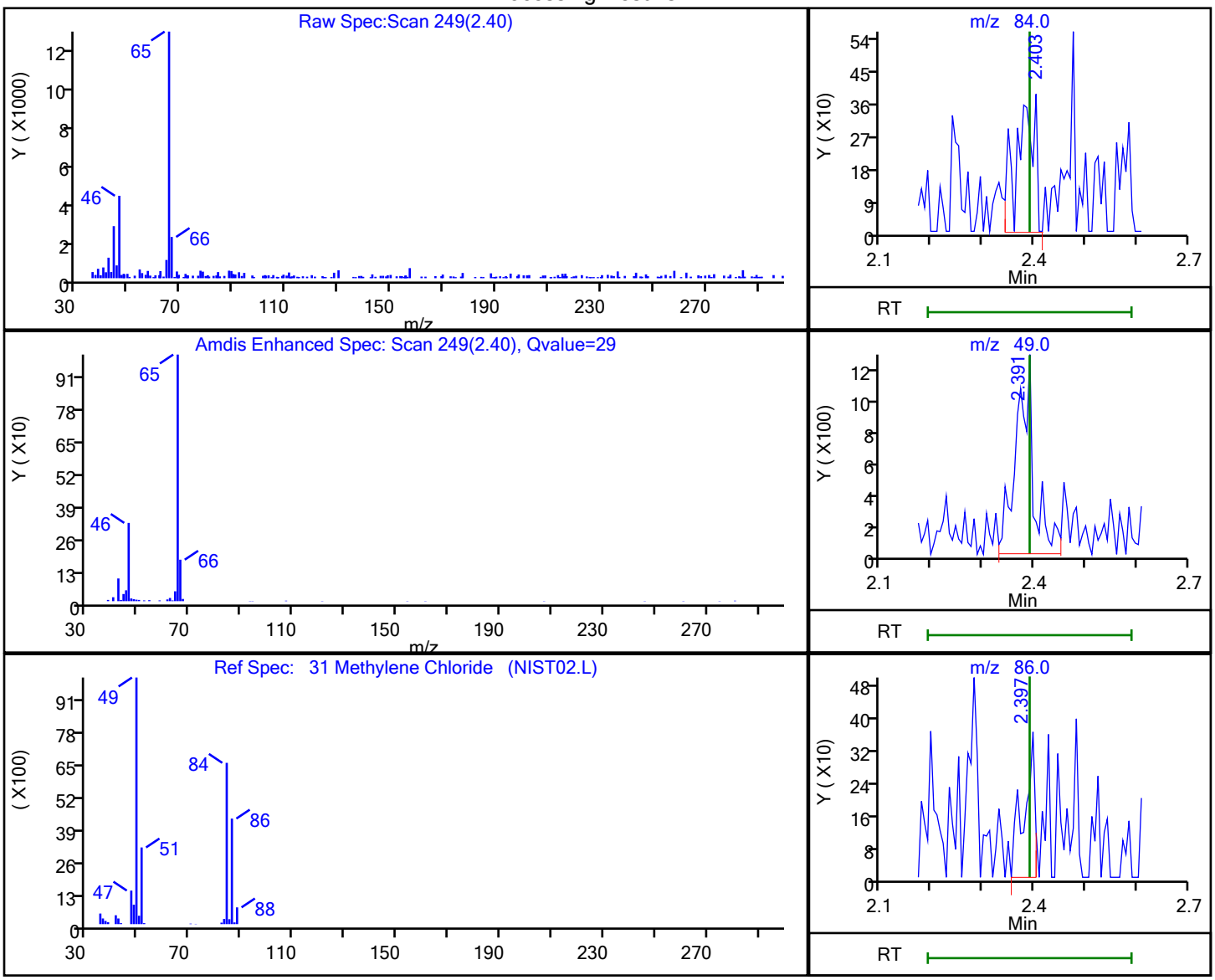
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D				
Injection Date:	19-Mar-2024 06:14:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-6	Lab Sample ID:	460-300167-6		
Client ID:	DUP-01_20240314				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

31 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.40	84.00	942	0.419952
2.39	49.00	3125	
2.40	86.00	533	

Reviewer: K0HS, 19-Mar-2024 11:54:24 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

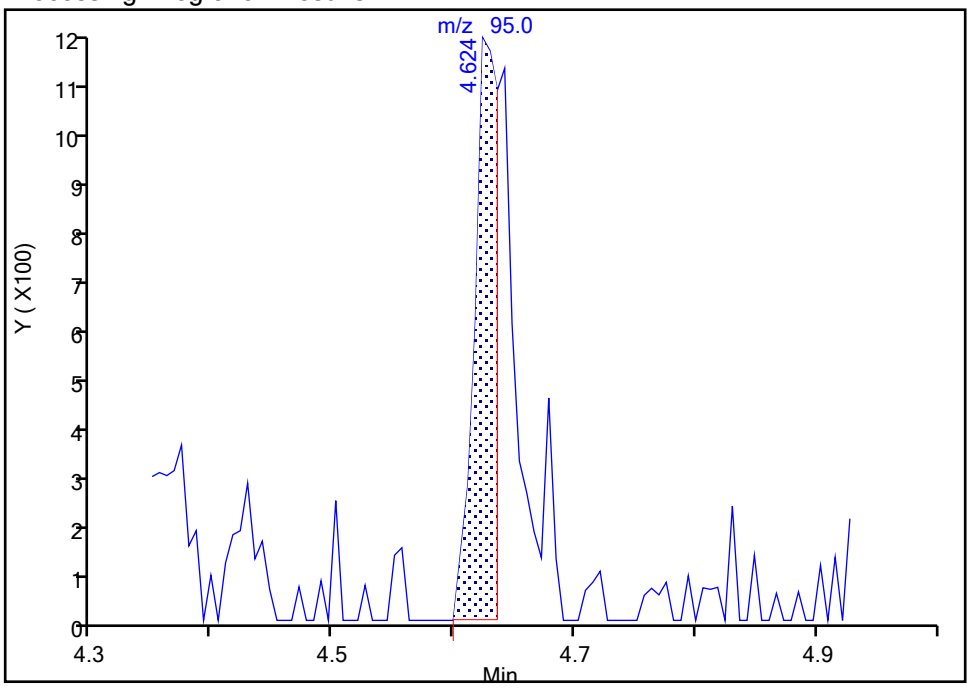
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02183.D				
Injection Date:	19-Mar-2024 06:14:30	Instrument ID:	CVOAMS8		
Lims ID:	460-300167-B-6	Lab Sample ID:	460-300167-6		
Client ID:	DUP-01_20240314				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

68 Trichloroethene, CAS: 79-01-6

Signal: 1

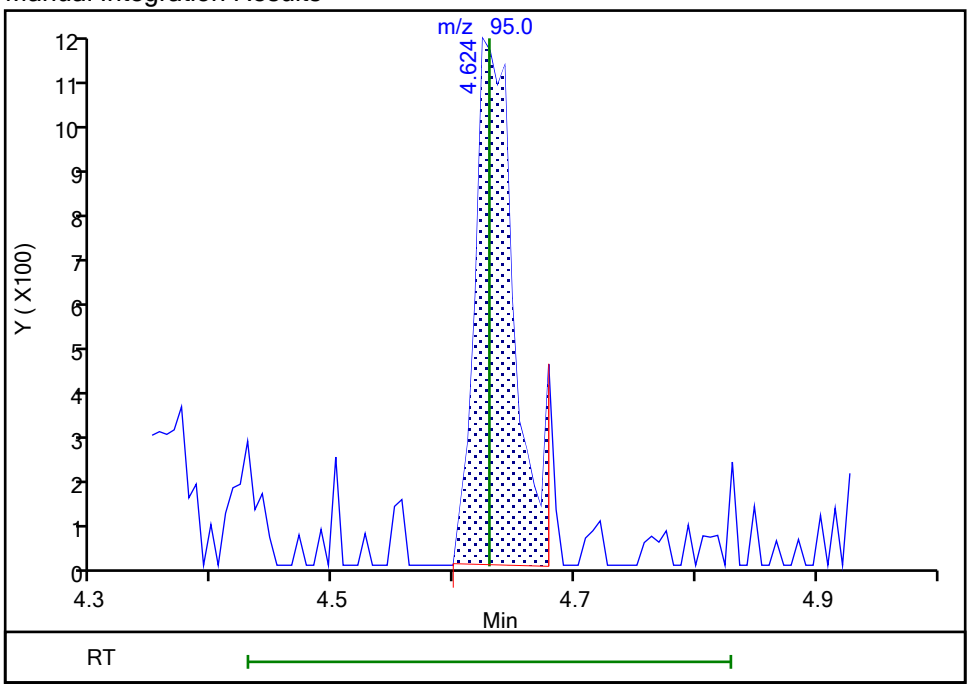
Processing Integration Results

RT: 4.62
Area: 1592
Amount: 0.549890
Amount Units: ug/l



Manual Integration Results

RT: 4.62
Area: 2687
Amount: 0.928112
Amount Units: ug/l



Reviewer: K0HS, 19-Mar-2024 11:54:47 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-300167-1 Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 Calibration End Date: 03/14/2024 17:38 Calibration ID: 96339

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-964051/3	J02054.D
Level 2	STD1 460-964051/4	J02055.D
Level 3	STD5 460-964051/5	J02056.D
Level 4	STD20 460-964051/6	J02057.D
Level 5	STD50 460-964051/18	J02068.D
Level 6	STD200 460-964051/8	J02059.D
Level 7	STD500 460-964051/9	J02060.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0126	0.0176 0.0130	0.0217	0.0140	0.0189	QuaF		0.0132	0						0.9970		0.9900
Dichlorodifluoromethane	+++++ 0.2624	0.3103 0.2651	0.3007	0.2908	0.2919	Ave		0.2869			0.1000	6.7		20.0			
Chlorodifluoromethane	+++++ 0.0361	0.0566 0.0338	0.0464	0.0433	0.0460	Ave		0.0437				18.7		20.0			
Chloromethane	+++++ 0.2465	0.3539 0.2546	0.2864	0.2935	0.3112	Ave		0.2910			0.1000	13.5		20.0			
Vinyl chloride	+++++ 0.2126	0.2471 0.2197	0.2751	0.2493	0.2598	Ave		0.2439			0.1000	9.8		20.0			
Butadiene	0.2634 0.2352	0.2448 0.2180	0.2243	0.2349	0.2436	Ave		0.2378				6.3		20.0			
Bromomethane	+++++ 0.1403	0.1563 0.1657	0.1091	0.1308	0.1411	Ave		0.1406			0.1000	14.1		20.0			
Chloroethane	+++++ 0.0991	0.1257 0.1018	0.1391	0.1226	0.1157	Ave		0.1173			0.1000	12.9		20.0			
Trichlorofluoromethane	+++++ 0.2891	0.3625 0.3040	0.3390	0.3270	0.3434	Ave		0.3275			0.1000	8.2		20.0			
Dichlorofluoromethane	+++++ 0.4577	0.3956 0.2980	0.4053	0.3522	0.3638	Ave		0.3788				14.3		20.0			
Pentane	+++++ 0.2508	0.3400 0.2748	0.2391	0.2799	0.3044	Ave		0.2815				13.0		20.0			
Ethanol	+++++ 0.0350	+++++ 0.0373	0.0349	0.0325	0.0458	Ave		0.0371				13.9		20.0			
Ethyl ether	+++++ 0.1230	0.2064 0.1395	0.1464	0.1381	0.1238	Lin2	0.0769	0.1298							0.9970		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-300167-1 Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 Calibration End Date: 03/14/2024 17:38 Calibration ID: 96339

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.1663	0.1781 0.1755	0.1446	0.1521	0.1697	Ave		0.1644				8.1		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.1537	0.1736 0.1587	0.1565	0.1591	0.1437	Ave		0.1575				6.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.2425	0.3277 0.2757	0.3019	0.2821	0.2436	Ave		0.2789				11.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.1889	0.1961 0.1930	0.1981	0.1779	0.2121	Ave		0.1943			0.1000	5.8		20.0			
Acrolein	+++++ 1.9908	2.9148 1.9167	1.7115	1.7104	2.3576	QuaF		2.1750	-0.000654						0.9970		0.9900
1,1-Dichloroethene	+++++ 0.1613	0.1981 0.1650	0.1713	0.1468	0.1565	Ave		0.1665			0.1000	10.5		20.0			
Acetone	+++++ 0.5545	0.5809 0.5561	0.5040	0.4161	0.5382	Ave		0.5250			0.0500	11.3		20.0			
Iodomethane	+++++ 0.1971	0.1756 0.2097	0.1745	0.1586	0.1996	Ave		0.1859				10.4		20.0			
Isopropyl alcohol	+++++ 0.5455	0.7769 0.6609	0.5124	0.5495	0.6572	Ave		0.6171				16.2		20.0			
Carbon disulfide	+++++ 0.5826	0.7563 0.5623	0.7459	0.6815	0.7551	Ave		0.6806			0.1000	13.0		20.0			
3-Chloro-1-propene	+++++ 0.1057	0.1509 0.0820	0.1146	0.0971	0.0851	Qua2	0.0547	0.0972	-0.000023						0.9900		0.9900
Methyl acetate	+++++ 7.8383	11.427 7.6297	7.7865	7.6392	6.9323	Ave		8.2088			0.1000	19.6		20.0			
Cyclopentene	+++++ 0.2890	0.4448 0.3288	0.3453	0.3338	0.2662	Ave		0.3346				18.4		20.0			
Acetonitrile	+++++ 1.8511	1.1983 1.4241	1.5473	1.7137	1.9383	Ave		1.6121				17.2		20.0			
Methylene Chloride	+++++ 0.1642	0.2316 0.1354	0.2202	0.1803	0.1335	QuaF		0.1772	-0.000083		0.1000				0.9990		0.9900
2-Methyl-2-propanol	+++++ 0.7142	1.0066 0.7830	0.8325	0.8200	0.6619	Ave		0.8030				14.8		20.0			
Methyl tert-butyl ether	+++++ 0.4375	0.3324 0.3857	0.3876	0.3824	0.2540	Ave		0.3633			0.1000	17.4		20.0			
trans-1,2-Dichloroethene	+++++ 0.1834	0.2044 0.1668	0.2087	0.1826	0.1327	Ave		0.1798			0.1000	15.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-300167-1 Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 Calibration End Date: 03/14/2024 17:38 Calibration ID: 96339

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	5.0672 3.7712	3.7734 3.5512	3.7563	3.8342	4.1536	Ave		3.9867				12.8		20.0			
Hexane	+++++ 0.1710	0.1456 0.1541	0.1532	0.1559	0.1358	Ave		0.1526				7.7		20.0			
Isopropyl ether	+++++ 0.4588	0.4832 0.4873	0.4437	0.5159	0.3471	Ave		0.4560				12.9		20.0			
1,1-Dichloroethane	+++++ 0.3046	0.3746 0.2870	0.3869	0.3912	0.2654	Ave		0.3350			0.2000	16.6		20.0			
Vinyl acetate	+++++ 0.3230	0.2685 0.3041	0.3057	0.3407	0.2048	Ave		0.2911				16.7		20.0			
2-Chloro-1,3-butadiene	+++++ 0.1462	0.1213 0.1502	0.1565	0.1608	0.1271	Ave		0.1437				11.1		20.0			
Tert-butyl ethyl ether	+++++ 0.5447	0.4956 0.5770	0.4779	0.5004	0.4788	Ave		0.5124				7.8		20.0			
2,2-Dichloropropane	+++++ 0.1084	0.1635 0.1095	0.1145	0.1180	0.1198	Ave		0.1223				16.9		20.0			
cis-1,2-Dichloroethene	+++++ 0.2236	0.3012 0.2346	0.2633	0.2432	0.2275	Ave		0.2489			0.1000	11.8		20.0			
2-Butanone (MEK)	+++++ 0.2156	0.1921 0.2012	0.1897	0.1883	0.1906	Ave		0.1962			0.0500	5.4		20.0			
Ethyl acetate	+++++ 0.1963	0.3224 0.1942	0.1982	0.1721	0.1715	Lin2	0.2812	0.1792							0.9940		0.9900
Methyl acrylate	+++++ 0.1505	0.1625 0.1587	0.1435	0.1483	0.1314	Ave		0.1492				7.5		20.0			
Propionitrile	+++++ 1.9739	1.9287 1.9418	1.9733	1.9163	2.5934	Ave		2.0546				12.9		20.0			
Chlorobromomethane	+++++ 0.1166	0.1576 0.1089	0.1342	0.1342	0.1264	Ave		0.1297				13.1		20.0			
Tetrahydrofuran	+++++ 0.2052	0.1880 0.2147	0.1983	0.2223	0.2094	Ave		0.2063				5.9		20.0			
Methacrylonitrile	+++++ 0.0672	0.0796 0.0677	0.0763	0.0768	0.0699	Ave		0.0729				7.3		20.0			
Chloroform	+++++ 0.3844	0.4691 0.4018	0.4730	0.4346	0.4157	Ave		0.4298			0.2000	8.4		20.0			
Cyclohexane	+++++ 0.2835	0.2914 0.2832	0.2339	0.2624	0.2833	Ave		0.2729			0.1000	7.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-300167-1 Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 Calibration End Date: 03/14/2024 17:38 Calibration ID: 96339

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.3465	0.4370 0.3469	0.3320	0.3475	0.3790	Ave		0.3648			0.1000	10.6		20.0			
Carbon tetrachloride	+++++ 0.3126	0.2852 0.3165	0.2946	0.3063	0.3211	Ave		0.3060			0.1000	4.5		20.0			
1,1-Dichloropropene	+++++ 0.3090	0.2952 0.3109	0.2685	0.2648	0.2968	Ave		0.2909				6.8		20.0			
Isobutyl alcohol	+++++ 0.7476	0.7862 0.7248	0.5843	0.5867	0.9109	Ave		0.7234				17.2		20.0			
Isooctane	+++++ 0.3548	0.3209 0.3681	0.3467	0.3711	0.3557	Ave		0.3529				5.1		20.0			
Benzene	+++++ 1.2139	1.1579 1.2180	1.0201	1.0719	1.1742	Ave		1.1427			0.5000	7.0		20.0			
Isopropyl acetate	+++++ 0.4588	0.4790 0.4938	0.5132	0.4579	0.4020	Ave		0.4674				8.2		20.0			
Tert-amyl methyl ether	+++++ 0.1119	0.1878 0.1224	0.1474	0.1372	0.1110	Qua2	0.0664	0.1237	-0.000012						0.9920		0.9900
1,2-Dichloroethane	+++++ 0.2898	0.3823 0.2917	0.3114	0.3179	0.3015	Ave		0.3158			0.1000	10.9		20.0			
n-Heptane	+++++ 0.0802	0.0807 0.0794	0.0878	0.0811	0.0807	Ave		0.0816				3.8		20.0			
n-Butanol	+++++ 0.2374	+++++ 0.2665	0.1339	0.1885	0.2664	Ave		0.2185				26.1	*	20.0			
Trichloroethene	+++++ 0.2351	0.2492 0.2333	0.2185	0.2090	0.2270	Ave		0.2287			0.2000	6.1		20.0			
Methylcyclohexane	+++++ 0.2559	0.2612 0.2730	0.2107	0.2358	0.2423	Ave		0.2465			0.1000	8.9		20.0			
Ethyl acrylate	+++++ 0.3981	0.4059 0.4191	0.3864	0.4010	0.3895	Ave		0.4000				3.0		20.0			
1,2-Dichloropropane	+++++ 0.2363	0.2361 0.2285	0.2078	0.2138	0.2137	Ave		0.2227			0.1000	5.6		20.0			
Methyl methacrylate	+++++ 0.0378	0.0392 0.0384	0.0430	0.0427	0.0374	Ave		0.0398				6.2		20.0			
1,4-Dioxane	+++++ 0.7836	1.0674 0.9319	0.8616	0.6672	0.6319	Ave		0.8239				20.0		20.0			
Dibromomethane	+++++ 0.1476	0.1868 0.1457	0.1821	0.1635	0.1619	Ave		0.1646				10.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-300167-1 Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 Calibration End Date: 03/14/2024 17:38 Calibration ID: 96339

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.2199	0.2091 0.2355	0.2285	0.2191	0.2030	Ave		0.2192				5.5		20.0			
Dichlorobromomethane	+++++ 0.3188	0.3423 0.3055	0.3171	0.3153	0.3207	Ave		0.3199			0.2000	3.8		20.0			
2-Nitropropane	+++++ 3.8479	5.0159 4.0238	3.5011	3.3818	4.4017	Ave		4.0287				15.1		20.0			
2-Chloroethyl vinyl ether	+++++ 0.0752	0.0448 0.0786	0.0564	0.0687	0.0696	Ave		0.0656				19.3		20.0			
Epichlorohydrin	0.1731 0.1852	0.1202 0.1590	0.1465	0.1621	0.1769	Ave		0.1604				13.6		20.0			
cis-1,3-Dichloropropene	+++++ 0.5239	0.4988 0.5554	0.4075	0.4236	0.4475	Ave		0.4761			0.2000	12.4		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 1.7356	1.4189 1.5495	1.5991	1.6801	1.6823	Ave		1.6109			0.0500	7.1		20.0			
Toluene	+++++ 1.0953	1.2839 1.1308	1.0827	1.0680	1.1128	Ave		1.1289			0.4000	7.0		20.0			
trans-1,3-Dichloropropene	+++++ 0.4645	0.4283 0.4791	0.3450	0.3850	0.4046	Ave		0.4178			0.1000	12.0		20.0			
Ethyl methacrylate	+++++ 0.1922	0.1777 0.1822	0.1938	0.1928	0.1879	Ave		0.1878				3.5		20.0			
1,1,2-Trichloroethane	+++++ 0.2431	0.2383 0.2452	0.2183	0.2163	0.2172	Ave		0.2297			0.1000	6.0		20.0			
Tetrachloroethene	+++++ 0.3016	0.2894 0.3211	0.2800	0.2835	0.2982	Ave		0.2956			0.2000	5.1		20.0			
1,3-Dichloropropane	+++++ 0.4383	0.3733 0.4353	0.3671	0.3735	0.3746	Ave		0.3937				8.5		20.0			
2-Hexanone	+++++ 0.6590	0.4792 0.5752	0.5004	0.6207	0.6585	Ave		0.5822			0.0500	13.4		20.0			
n-Butyl acetate	+++++ 0.3278	0.2839 0.3252	0.3193	0.3318	0.3277	Ave		0.3193				5.6		20.0			
Chlorodibromomethane	+++++ 0.3518	0.3299 0.3445	0.3006	0.3115	0.3135	Ave		0.3253			0.1000	6.2		20.0			
Ethylene Dibromide	+++++ 0.3038	0.2981 0.3031	0.2668	0.2883	0.2831	Ave		0.2905			0.1000	4.9		20.0			
Chlorobenzene	+++++ 0.7478	0.7905 0.7366	0.7279	0.7248	0.7587	Ave		0.7477			0.5000	3.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-300167-1 Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 Calibration End Date: 03/14/2024 17:38 Calibration ID: 96339

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.3694	0.3238 0.3716	0.3368	0.3495	0.3770	Ave		0.3547			0.1000	6.0		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.2911	0.2606 0.3006	0.2687	0.2654	0.2582	Ave		0.2741				6.4		20.0			
m-Xylene & p-Xylene	+++++ 0.4619	0.4083 0.4412	0.3973	0.4044	0.4669	Ave		0.4300			0.1000	7.1		20.0			
o-Xylene	+++++ 0.4566	0.4140 0.4469	0.3731	0.4163	0.4455	Ave		0.4254			0.3000	7.3		20.0			
n-Butyl acrylate	+++++ 0.1888	0.1143 0.1921	0.1372	0.1678	0.1819	Ave		0.1637				19.2		20.0			
Styrene	+++++ 0.7933	0.5563 0.7601	0.6525	0.7237	0.8005	Ave		0.7144			0.3000	13.2		20.0			
Bromoform	+++++ 0.2374	0.2195 0.2380	0.2077	0.2140	0.2215	Ave		0.2230			0.1000	5.5		20.0			
Amyl acetate (mixed isomers)	+++++ 0.7292	0.5794 0.7221	0.6405	0.6887	0.6799	Ave		0.6733				8.3		20.0			
Isopropylbenzene	+++++ 1.0764	0.9158 1.0061	0.8759	0.9879	1.1019	Ave		0.9940			0.1000	8.8		20.0			
Bromobenzene	+++++ 0.6503	0.6541 0.6109	0.6235	0.6221	0.6282	Ave		0.6315				2.7		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6131	0.6474 0.5893	0.6868	0.6357	0.5568	Ave		0.6215			0.3000	7.4		20.0			
N-Propylbenzene	+++++ 2.3107	2.2907 2.1362	2.0343	2.1549	2.3071	Ave		2.2056				5.2		20.0			
1,2,3-Trichloropropane	+++++ 0.1503	0.2223 0.1451	0.1624	0.1507	0.1420	Ave		0.1621				18.7		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1748	0.1862 0.1678	0.1609	0.1649	0.1533	Ave		0.1680				6.8		20.0			
2-Chlorotoluene	+++++ 1.6344	1.4835 1.5572	1.5667	1.5891	1.6797	Ave		1.5851				4.3		20.0			
4-Ethyltoluene	+++++ 1.8572	1.8042 1.7625	1.7110	1.8545	1.9174	Ave		1.8178				4.1		20.0			
1,3,5-Trimethylbenzene	+++++ 1.6186	1.3237 1.5405	1.4755	1.5510	1.5537	Ave		1.5105				6.8		20.0			
4-Chlorotoluene	+++++ 1.5659	1.4327 1.5837	1.4821	1.5703	1.6378	Ave		1.5454				4.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-300167-1 Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 Calibration End Date: 03/14/2024 17:38 Calibration ID: 96339

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.5607	0.3295 0.6035	0.4691	0.5193	0.5073	Ave		0.4982				19.0		20.0			
tert-Butylbenzene	+++++ 1.3056	1.2117 1.2401	1.1823	1.2224	1.2723	Ave		1.2391				3.6		20.0			
1,2,4-Trimethylbenzene	+++++ 1.7146	1.4260 1.6753	1.5005	1.6738	1.6431	Ave		1.6055				7.2		20.0			
sec-Butylbenzene	+++++ 1.8801	1.5544 1.8193	1.5833	1.7380	1.8185	Ave		1.7323				7.8		20.0			
1,3-Dichlorobenzene	+++++ 1.1038	1.0408 1.0946	1.0686	1.0822	1.0607	Ave		1.0751			0.6000	2.2		20.0			
4-Isopropyltoluene	+++++ 1.6263	1.3000 1.6220	1.3134	1.5095	1.5464	Ave		1.4863				9.8		20.0			
1,4-Dichlorobenzene	+++++ 1.1392	1.2803 1.1243	1.1603	1.1282	1.1196	Ave		1.1586			0.5000	5.3		20.0			
1,2,3-Trimethylbenzene	+++++ 1.7438	1.6395 1.7494	1.6840	1.7663	1.7969	Ave		1.7300				3.3		20.0			
Benzyl chloride	+++++ 1.0856	0.9223 1.1691	0.9747	0.9693	0.9917	Ave		1.0188				8.9		20.0			
Indan	+++++ 1.7562	1.6330 1.7623	1.7113	1.7464	1.8178	Ave		1.7378				3.6		20.0			
p-Diethylbenzene	+++++ 0.9318	0.8590 1.0053	0.8381	0.8787	0.9402	Ave		0.9088				6.8		20.0			
n-Butylbenzene	+++++ 0.7824	0.7327 0.8078	0.6919	0.7522	0.7853	Ave		0.7587				5.5		20.0			
1,2-Dichlorobenzene	+++++ 1.0666	0.9651 1.1015	1.1203	1.0446	1.0588	Ave		1.0595			0.4000	5.1		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.5222	1.0393 1.6183	1.1877	1.3178	1.4656	Ave		1.3585				16.1		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1413	0.1338 0.1507	0.1174	0.1286	0.1271	Ave		0.1331			0.0500	8.8		20.0			
1,3,5-Trichlorobenzene	+++++ 0.7274	0.7296 0.7807	0.6627	0.7101	0.7348	Ave		0.7242				5.3		20.0			
1,2,4-Trichlorobenzene	+++++ 0.7343	0.5673 0.7726	0.6120	0.6515	0.6475	Ave		0.6642			0.2000	11.5		20.0			
Hexachlorobutadiene	+++++ 0.2594	0.2781 0.2752	0.2538	0.2400	0.2418	Ave		0.2581				6.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-300167-1 Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 Calibration End Date: 03/14/2024 17:38 Calibration ID: 96339

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.7870	1.5378 1.7928	1.2244	1.4138	1.4687	Ave		1.5374				14.4		20.0			
1,2,3-Trichlorobenzene	+++++ 0.6678	0.5203 0.6967	0.6074	0.5661	0.5848	Ave		0.6072				10.8		20.0			
Dibromofluoromethane (Surr)	0.2867 0.2359	0.2762 0.2453	0.2857	0.2723	0.2613	Ave		0.2662				7.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2677 0.2342	0.2803 0.2477	0.2875	0.2744	0.2645	Ave		0.2652				7.0		20.0			
Toluene-d8 (Surr)	0.9759 1.0315	1.0141 1.0914	1.0260	1.0178	1.0619	Ave		1.0312				3.6		20.0			
4-Bromofluorobenzene	0.3574 0.3855	0.3637 0.3704	0.3863	0.3761	0.4112	Ave		0.3787				4.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-300167-1 | Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 | Calibration End Date: 03/14/2024 17:38 | Calibration ID: 96339

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-964051/3	J02054.D
Level 2	STD1 460-964051/4	J02055.D
Level 3	STD5 460-964051/5	J02056.D
Level 4	STD20 460-964051/6	J02057.D
Level 5	STD50 460-964051/18	J02068.D
Level 6	STD200 460-964051/8	J02059.D
Level 7	STD500 460-964051/9	J02060.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 38321	227 106141	1381	3695	12195	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 798448	4000 2156362	19116	76505	188314	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 109902	729 275246	2950	11397	29704	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 749971	4562 2070479	18208	77208	200811	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 646866	3186 1786931	17485	65586	167624	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	789 715675	3156 1773162	14261	61808	157168	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 426870	2015 1348049	6936	34415	91024	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 301532	1620 827686	8842	32242	74651	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 879705	4673 2472902	21547	86033	221595	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1392569	5100 2423831	25761	92660	234704	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 1526152	8765 4470516	30399	147269	392815	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd9	Ave	+++++ 50677	+++++ 143161	1383	4623	11296	+++++ 8000	+++++ 20000	200	800	2000
Ethyl ether	FB	Lin2	+++++ 374192	2661 1134629	9304	36325	79875	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 505866	2296 1427322	9190	40021	109524	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 467655	2238 1290978	9946	41848	92742	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++	4224	19194	74207	157157	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-300167-1 | Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 | Calibration End Date: 03/14/2024 17:38 | Calibration ID: 96339

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			737939	2242601				200	500			
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 574752	2528 1569680	12592	46795	136866	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	QuaF	+++++ 72029	2056 147244	6791	12154	29076	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 490920	2554 1341754	10891	38611	101009	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 718821	3901 2040560	15818	53230	150835	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 599799	2264 1705442	11091	41726	128786	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 197384	1370 634634	5083	19523	40525	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 1772556	9749 4573849	47417	179284	487218	+++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Qua2	+++++ 321639	1945 667285	7284	25541	54900	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 567205	4030 1465321	15448	54282	85494	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 879316	5734 2674013	21951	87814	171758	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd9	Ave	+++++ 669766	2113 1367493	15349	60885	119525	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	QuaF	+++++ 499522	2986 1101292	14000	47436	86110	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 258422	1775 751907	8258	29132	40817	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 1331160	4285 3137472	24641	100594	163885	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 558102	2635 1356863	13268	48027	85604	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	TBAd9	Ave	1659 1364471	6654 3410149	37261	136224	256127	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 520162	1877 1253376	9736	41023	87620	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 1395891	6229 3963388	28206	135708	223959	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 926834	4829 2334384	24596	102920	171265	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++	6923	38865	179275	264295	+++++	2.00	10.0	40.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-300167-1 | Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 | Calibration End Date: 03/14/2024 17:38 | Calibration ID: 96339

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1965614	4947220				400	1000			
2-Chloro-1,3-butadiene	FB	Ave	+++++ 444967	1564 1221736	9947	42308	82014	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1657415	6389 4693282	30382	131639	308913	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 329795	2108 890778	7277	31038	77316	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 680457	3883 1908135	16737	63967	146789	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 279462	1290 738300	5955	24084	53413	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Lin2	+++++ 101779	866 285040	2488	8806	19222	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 457993	2095 1290437	9125	39019	84766	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd9	Ave	+++++ 714176	3401 1864646	19575	68084	159919	+++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	+++++ 354708	2032 885400	8534	35315	81573	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 106418	505 315202	2490	11378	23476	+++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	+++++ 2044900	10255 5504792	48479	202079	450724	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1169693	6047 3267864	30065	114341	268236	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 862597	3757 2303362	14868	69035	182763	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1054362	5634 2821661	21107	91413	244532	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 951055	3676 2574112	18727	80572	207195	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 940081	3805 2528917	17069	69668	191475	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 676260	3466 1740128	14490	52116	140424	+++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	+++++ 1079497	4137 2993740	22042	97616	229498	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZd5	Ave	+++++ 2600065	11596 6517361	51922	222354	577901	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++	6175	32620	120449	259410	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-300167-1 | Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 | Calibration End Date: 03/14/2024 17:38 | Calibration ID: 96339

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1395874	4016428				200	500			
Tert-amyl methyl ether	FB	Qua2	+++++ 340386	2421 995845	9367	36084	71617	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 881763	4928 2372837	19794	83644	194524	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 244047	1040 645526	5582	21325	52092	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 214784	+++++ 639892	3320	16739	41071	+++++ 5000	+++++ 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 715478	3213 1897964	13888	54995	146465	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 778741	3367 2220457	13393	62023	156329	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 1211242	5232 3408867	24563	105482	251319	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 718919	3043 1858614	13208	56258	137863	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 229982	1011 625334	5467	22446	48262	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 100433	1369 281878	2473	8143	19235	+++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 449172	2408 1184996	11576	43007	104493	+++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	+++++ 669181	2695 1915331	14523	57627	130958	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 969928	4412 2484587	20157	82937	206918	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	TBAd9	Ave	+++++ 278451	1769 772786	6946	24030	54285	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 229455	579 640709	3596	18109	45008	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	1004 960330	3228 2333958	18394	82952	198337	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 1122041	4995 2972093	20744	87873	220256	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2249802	9528 5686086	50189	214939	471438	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZd5	Ave	+++++ 2345981	12858 6050802	55107	221545	547689	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-300167-1 | Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 | Calibration End Date: 03/14/2024 17:38 | Calibration ID: 96339

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 994875	4289 2563468	17563	79870	199159	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	+++++ 584821	2291 1482192	12317	50720	121242	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 520682	2386 1312189	11110	44874	106920	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZd5	Ave	+++++ 646091	2898 1718187	14253	58800	146778	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 938677	3738 2329334	18687	77471	184350	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 854281	3218 2110857	15706	79401	184552	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZd5	Ave	+++++ 702165	2843 1740195	16250	68836	161299	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZd5	Ave	+++++ 753487	3304 1843220	15300	64623	154314	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZd5	Ave	+++++ 650783	2985 1621714	13580	59800	139312	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZd5	Ave	+++++ 1601591	7916 3941707	37049	150346	373440	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZd5	Ave	+++++ 791275	3243 1988516	17145	72497	185528	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 623557	2610 1608483	13679	55051	127091	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 989268	4089 2360710	20225	83894	229787	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZd5	Ave	+++++ 978081	4146 2391192	18990	86357	219281	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZd5	Ave	+++++ 404442	1145 1027679	6984	34809	89518	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-300167-1 | Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 | Calibration End Date: 03/14/2024 17:38 | Calibration ID: 96339

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Styrene	CBNZd5	Ave	+++++ 1699100	5571 4067472	33210	150116	394002	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZd5	Ave	+++++ 508457	2198 1273551	10572	44388	108999	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 862012	3031 2182427	17001	76022	194319	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZd5	Ave	+++++ 2305459	9171 5383753	44583	204932	542315	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd4	Ave	+++++ 768694	3422 1846522	16550	68679	179532	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 724779	3387 1781045	18231	70172	159132	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd4	Ave	+++++ 2731461	11984 6456431	53998	237877	659356	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 177630	1163 438479	4312	16640	40596	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 206623	974 507308	4272	18206	43817	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	+++++ 1932004	7761 4706464	41585	175417	480044	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd4	Ave	+++++ 2195437	9439 5326994	45415	204722	547980	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 1913321	6925 4655957	39166	171218	444028	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	+++++ 1851032	7495 4786789	39341	173345	468079	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd4	Ave	+++++ 662767	1724 1823966	12452	57331	144981	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	+++++ 1543317	6339 3748149	31383	134945	363628	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 2026781	7460 5063511	39828	184770	469576	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	+++++ 2222415	8132 5498710	42026	191855	519725	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 1304847	5445 3308503	28364	119467	303139	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 1922402	6801 4902381	34862	166636	441944	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++	6698	30799	124539	319961	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-300167-1 | Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 | Calibration End Date: 03/14/2024 17:38 | Calibration ID: 96339

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1346642	3398092				200	500			
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 2061373	8577 5287528	44699	194984	513537	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd4	Ave	+++++ 1283232	4825 3533537	25873	106999	283425	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd4	Ave	+++++ 2076061	8543 5326401	45425	192781	519514	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd4	Ave	+++++ 1101513	4494 3038351	22246	96995	268695	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd4	Ave	+++++ 924892	3833 2441389	18365	83039	224438	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 1260847	5049 3329345	29738	115315	302604	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 1799359	5437 4891306	31525	145472	418863	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 166979	700 455544	3115	14193	36313	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 859809	3817 2359747	17591	78388	210012	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 867986	2968 2335276	16244	71914	185058	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 306648	1455 831746	6736	26493	69119	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd4	Ave	+++++ 2112434	8045 5418540	32501	156072	419752	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 789437	2722 2105774	16122	62497	167137	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	171745 179442	178056 199552	181601	179115	168619	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	160394 178183	180677 201429	182760	180493	170640	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	485882 552308	507801 583999	522245	527799	522641	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	177936 206436	182108 198203	196650	195052	202377	50.0 50.0	50.0 50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-300167-1 | Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 | Calibration End Date: 03/14/2024 17:38 | Calibration ID: 96339

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-300167-1 | Analy Batch No.: 964051

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/14/2024 11:30 | Calibration End Date: 03/14/2024 17:38 | Calibration ID: 96339

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-964051/3	J02054.D
Level 2	STD1 460-964051/4	J02055.D
Level 3	STD5 460-964051/5	J02056.D
Level 4	STD20 460-964051/6	J02057.D
Level 5	STD50 460-964051/18	J02068.D
Level 6	STD200 460-964051/8	J02059.D
Level 7	STD500 460-964051/9	J02060.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Ethyl ether	+++++	-0.2						30				
Ethyl acetate	+++++	1.5						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 14-Mar-2024 11:30:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0173383-003
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2024 19:52:18 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: HVW2 Date: 14-Mar-2024 19:31:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.344	1.344	0.000	56	789	0.2500	0.2770	
* 30 TBA-d9 (IS)	65	2.360	2.360	0.000	75	163701	1000.0	1000.0	
35 Acrylonitrile	53	2.591	2.591	0.000	63	1659	2.00	2.54	
* 43 2-Butanone-d5	46	3.260	3.260	0.000	86	290012	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.686	3.686	0.000	96	171745	50.0	53.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.015	4.015	0.000	0	160394	50.0	50.5	
* 66 Fluorobenzene	96	4.270	4.270	0.000	99	599048	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.976	4.976	0.000	0	25831	1000.0	1000.0	
80 Epichlorohydrin	57	5.700	5.700	0.000	9	1004	5.00	5.39	M
$ 83 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	485882	50.0	47.3	
* 94 Chlorobenzene-d5	117	7.926	7.926	0.000	86	497856	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.271	9.271	0.000	94	177936	50.0	47.2	
* 121 1,4-Dichlorobenzene-d4	152	10.329	10.329	0.000	95	257316	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

524FREONS_00015	Amount Added:	0.00	Units: uL	
ACROLEIN W_00166	Amount Added:	0.00	Units: uL	
GASES Li_00575	Amount Added:	2.50	Units: uL	
8260MIX1COMB_00184	Amount Added:	0.00	Units: uL	
14DIOXINTER_00166	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00122	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00147	Amount Added:	0.00	Units: uL	
MIX I Hi_00174	Amount Added:	0.00	Units: uL	
GAS Hi_00464	Amount Added:	0.00	Units: uL	
7 Freons Hi_00012	Amount Added:	0.00	Units: uL	
Ethanol mix_00087	Amount Added:	0.00	Units: uL	
VMTBA500_00047	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

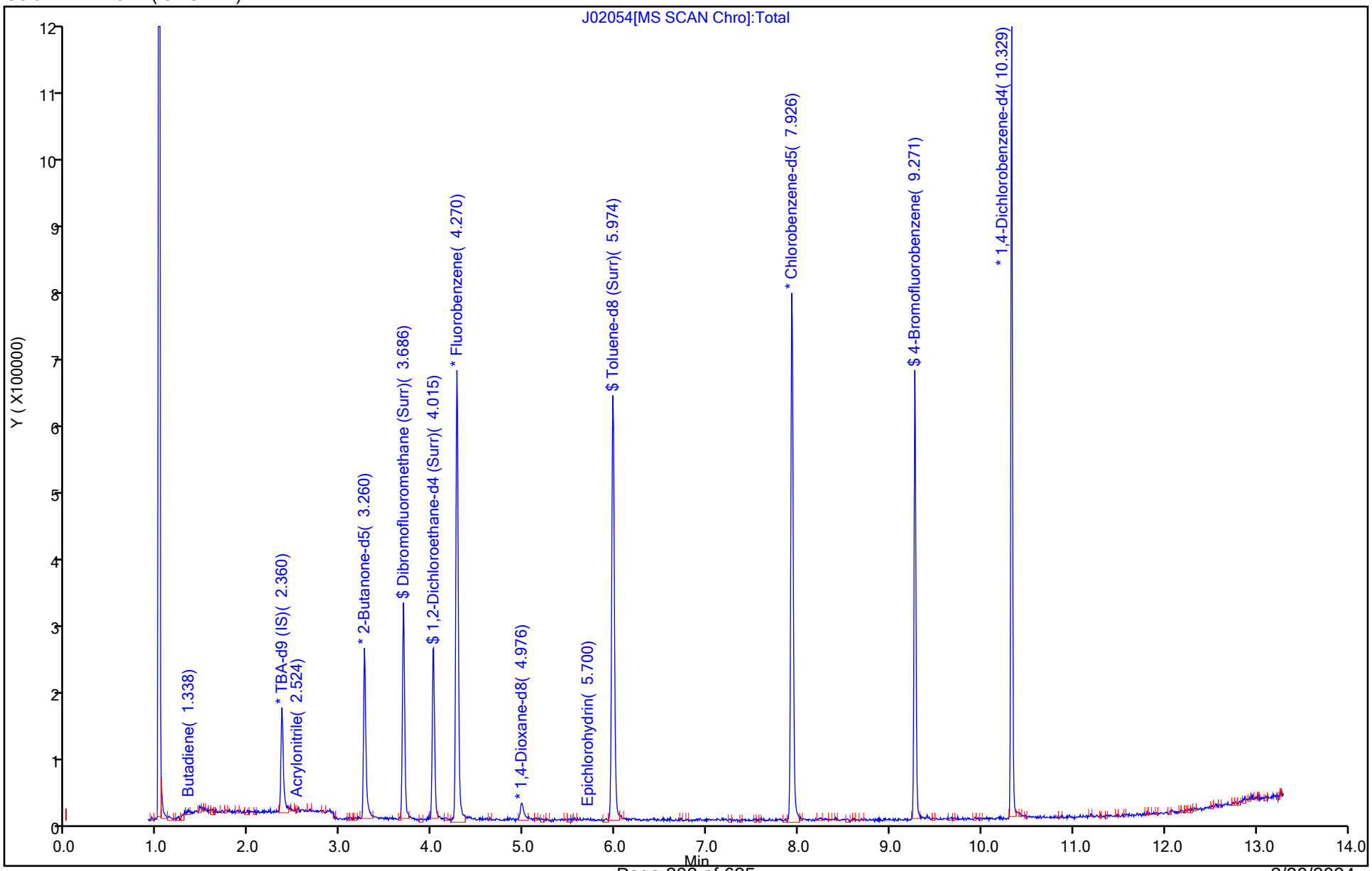
Report Date: 15-Mar-2024 19:52:18 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D

Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



3/20/2024
1:03:26 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

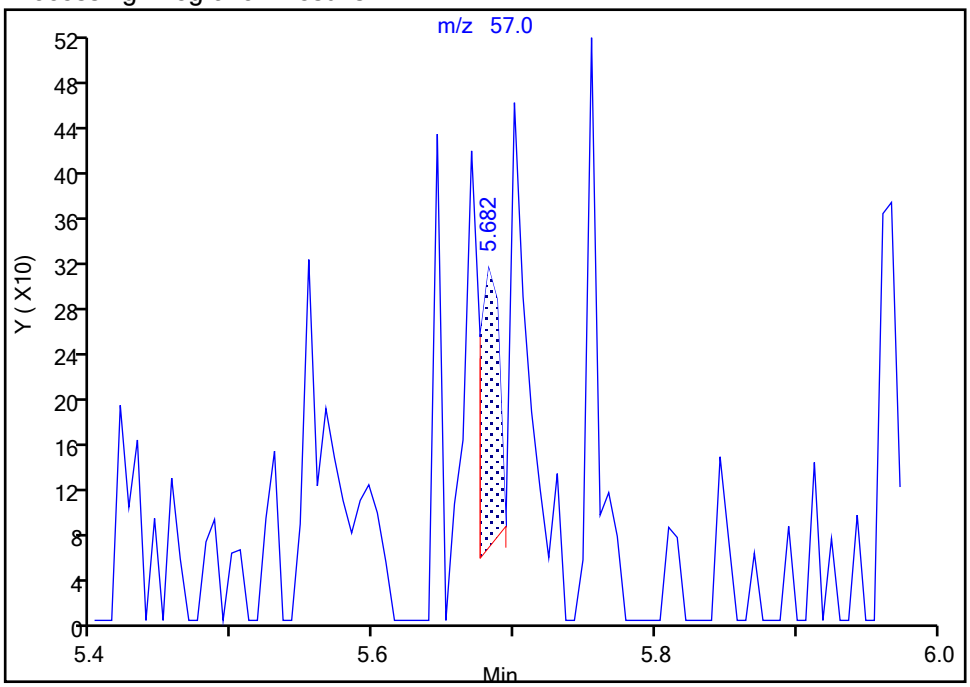
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

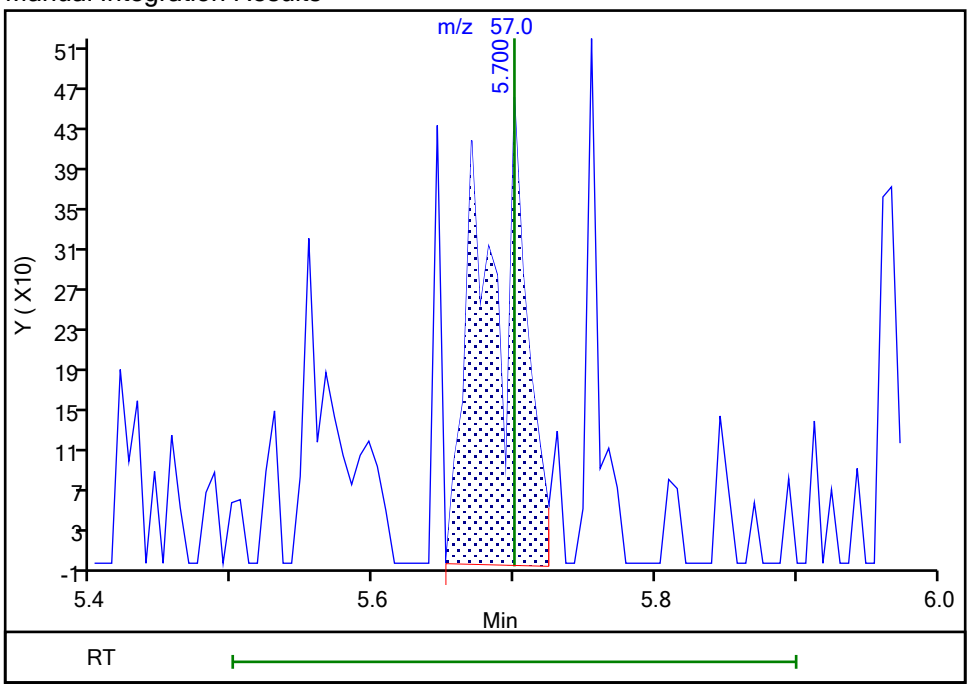
Processing Integration Results

RT: 5.68
Area: 241
Amount: 1.045236
Amount Units: ug/l



Manual Integration Results

RT: 5.70
Area: 1004
Amount: 5.394630
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:30:07 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

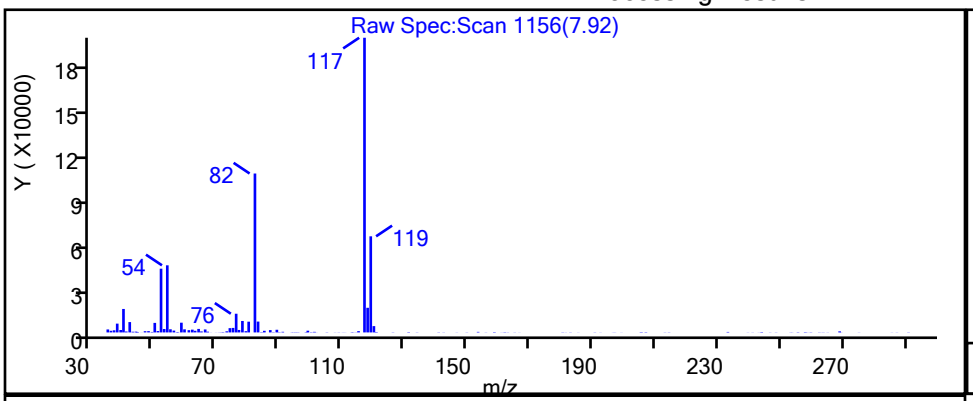
User Disabled Compound Report

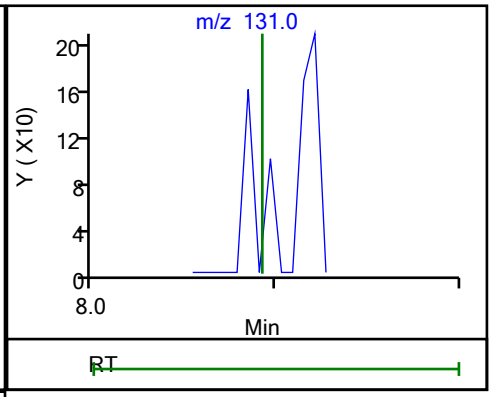
Eurofins Edison

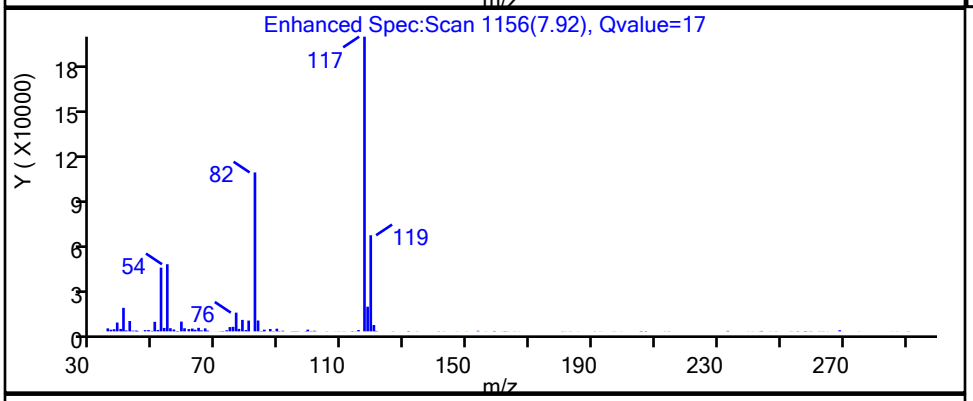
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

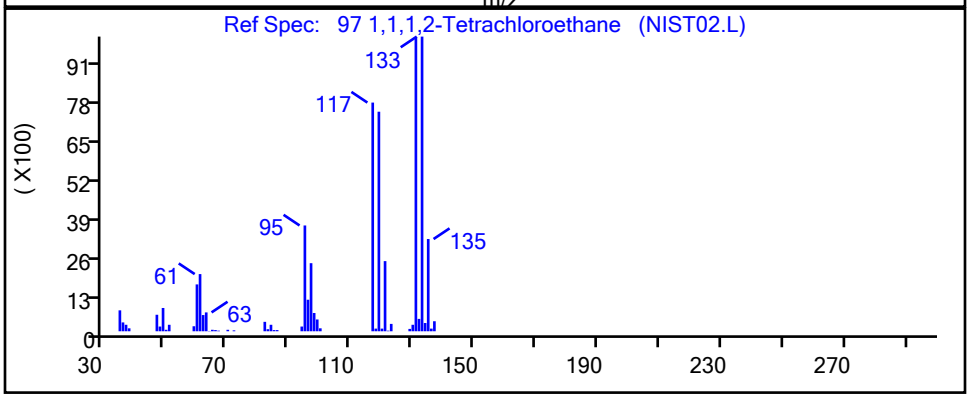
97 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results









RT	Mass	Response	Amount
7.92	131.00	85	0.031142

Reviewer: HVW2, 14-Mar-2024 19:30:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

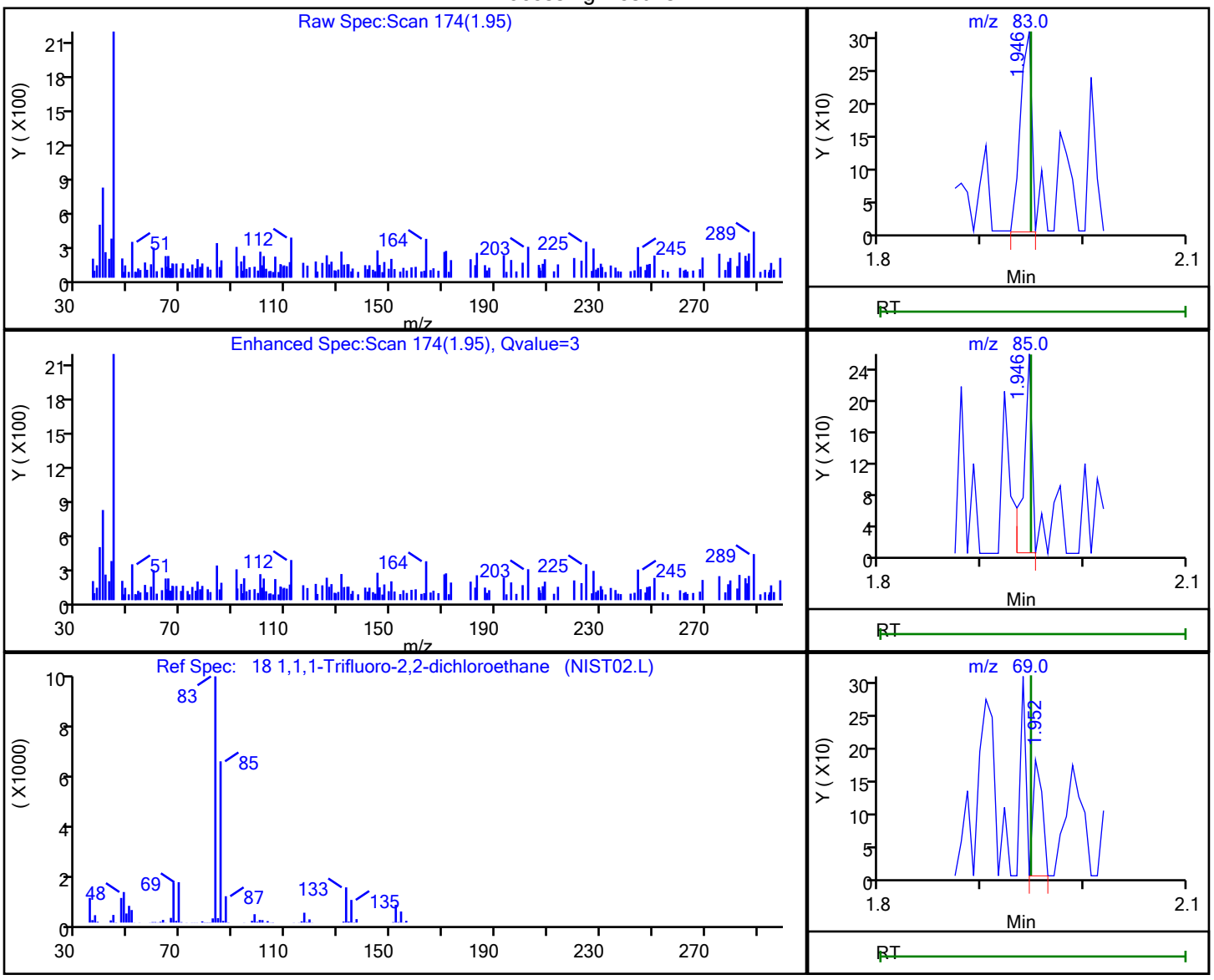
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
1.95	83.00	234	0.104427
1.95	85.00	138	
1.95	69.00	111	
1.95	67.00	94	

Reviewer: HVW2, 14-Mar-2024 19:28:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

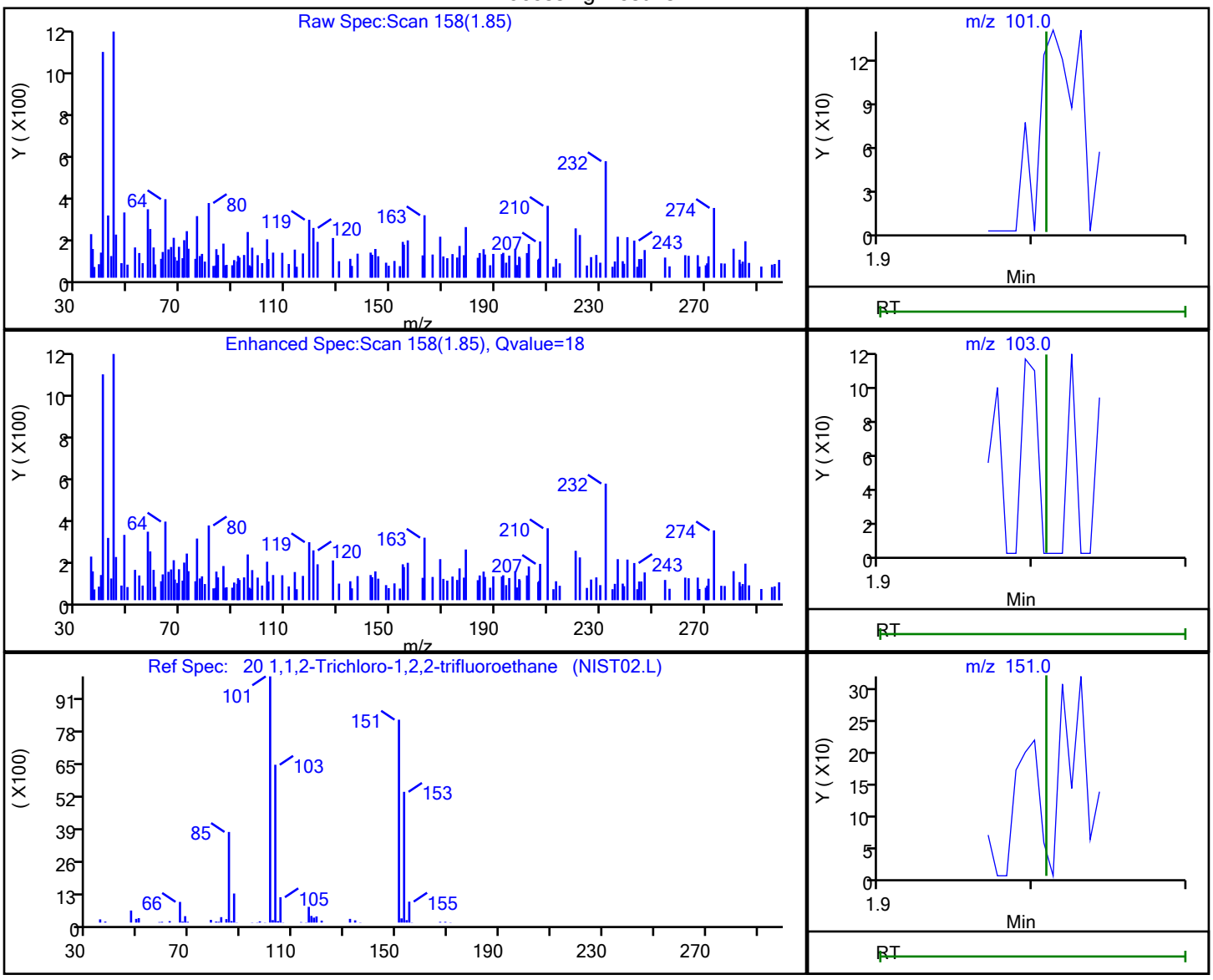
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
1.85	101.00	25	0.010737
1.85	103.00	204	
1.85	151.00	28	
1.84	85.00	19	

Reviewer: HVW2, 14-Mar-2024 19:28:32 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

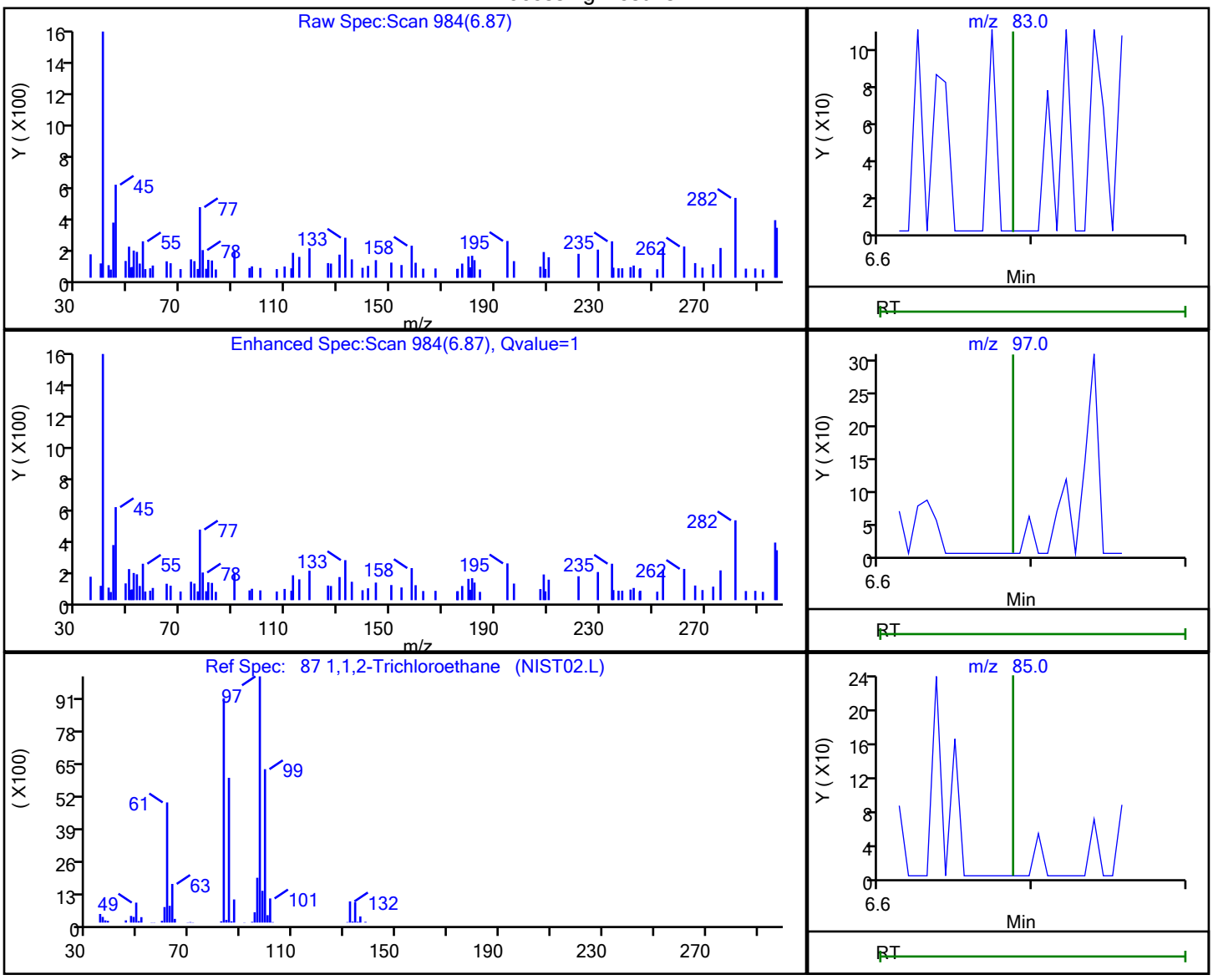
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.87	83.00	19	0.008306
6.87	97.00	78	
6.89	85.00	48	

Reviewer: HVW2, 14-Mar-2024 19:30:19 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

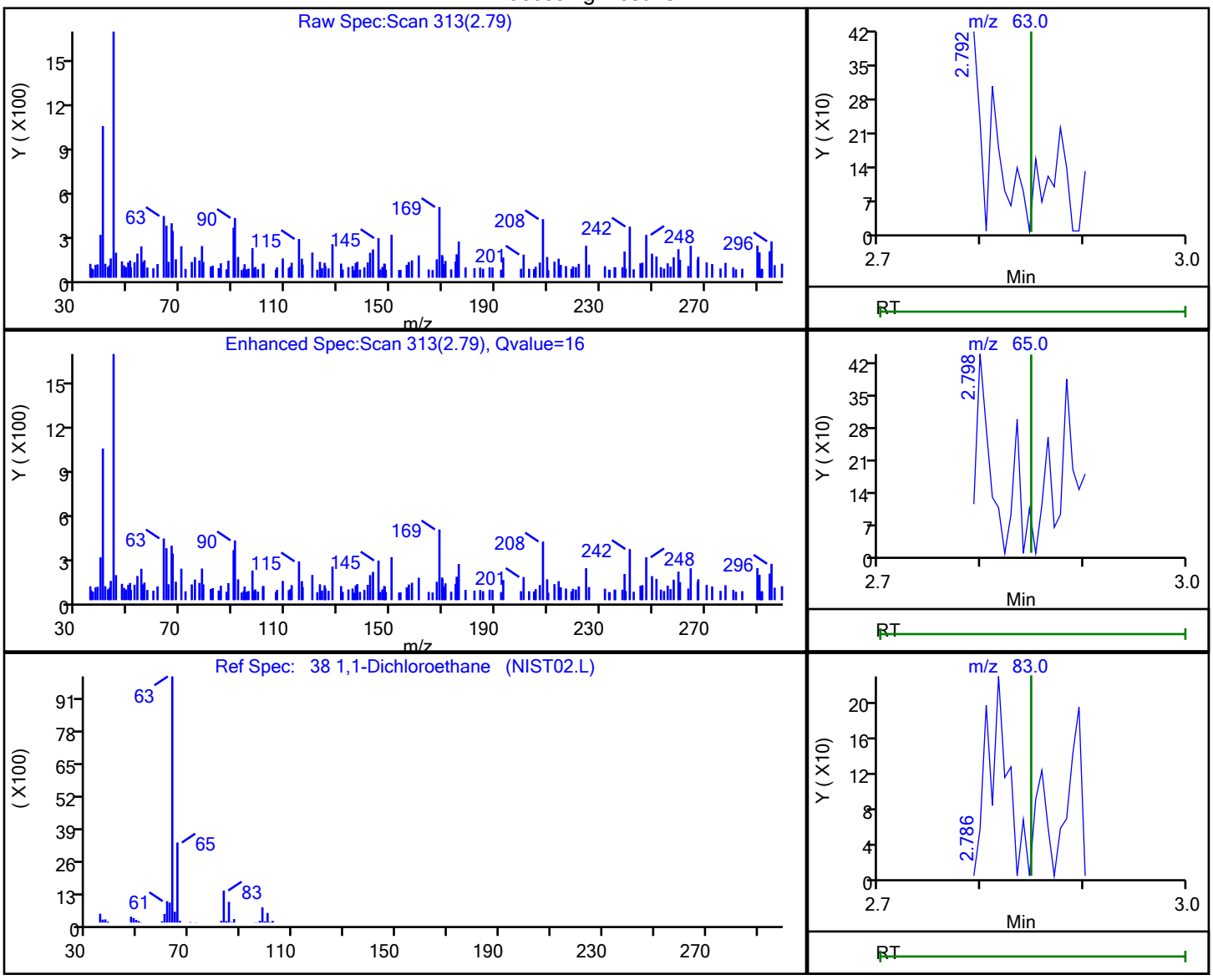
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
2.79	63.00	258	0.064288
2.80	65.00	408	
2.79	83.00	74	

Reviewer: HVW2, 14-Mar-2024 19:28:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

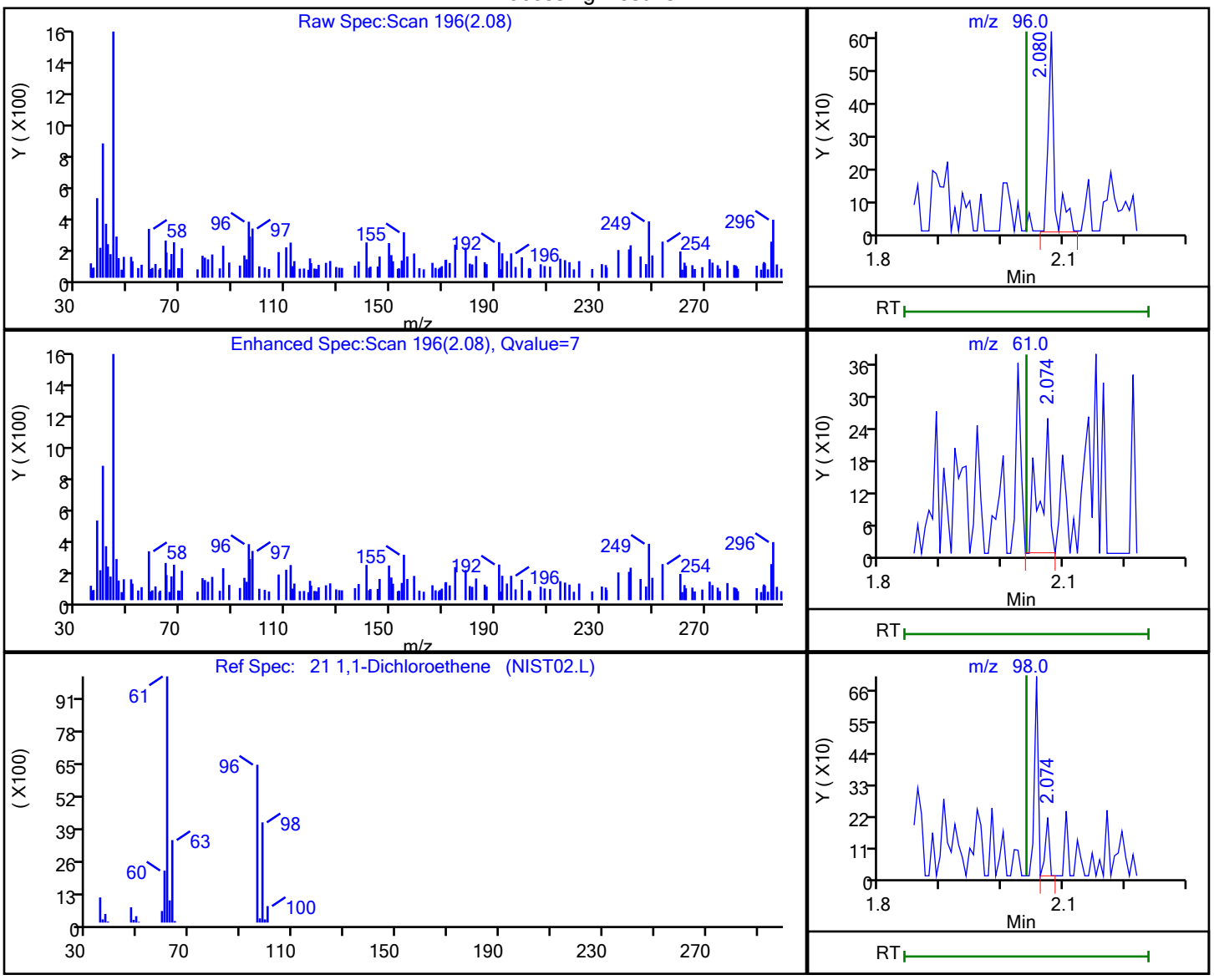
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.08	96.00	429	0.215040
2.07	61.00	269	
2.07	98.00	95	
2.07	63.00	274	

Reviewer: HVW2, 14-Mar-2024 19:28:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

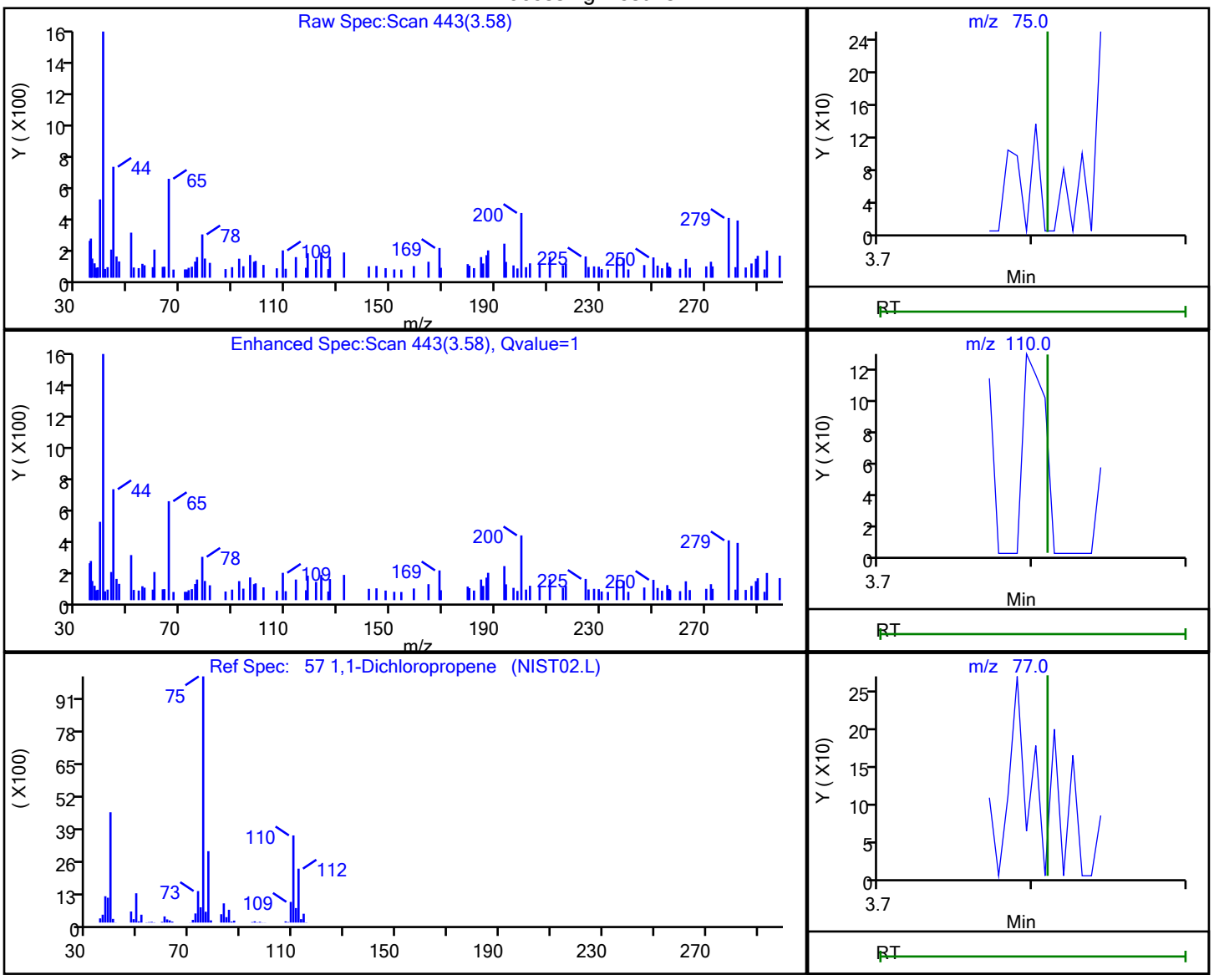
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
3.58	75.00	37	0.010124
3.59	110.00	162	
3.58	77.00	410	

Reviewer: HVW2, 14-Mar-2024 19:29:19 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

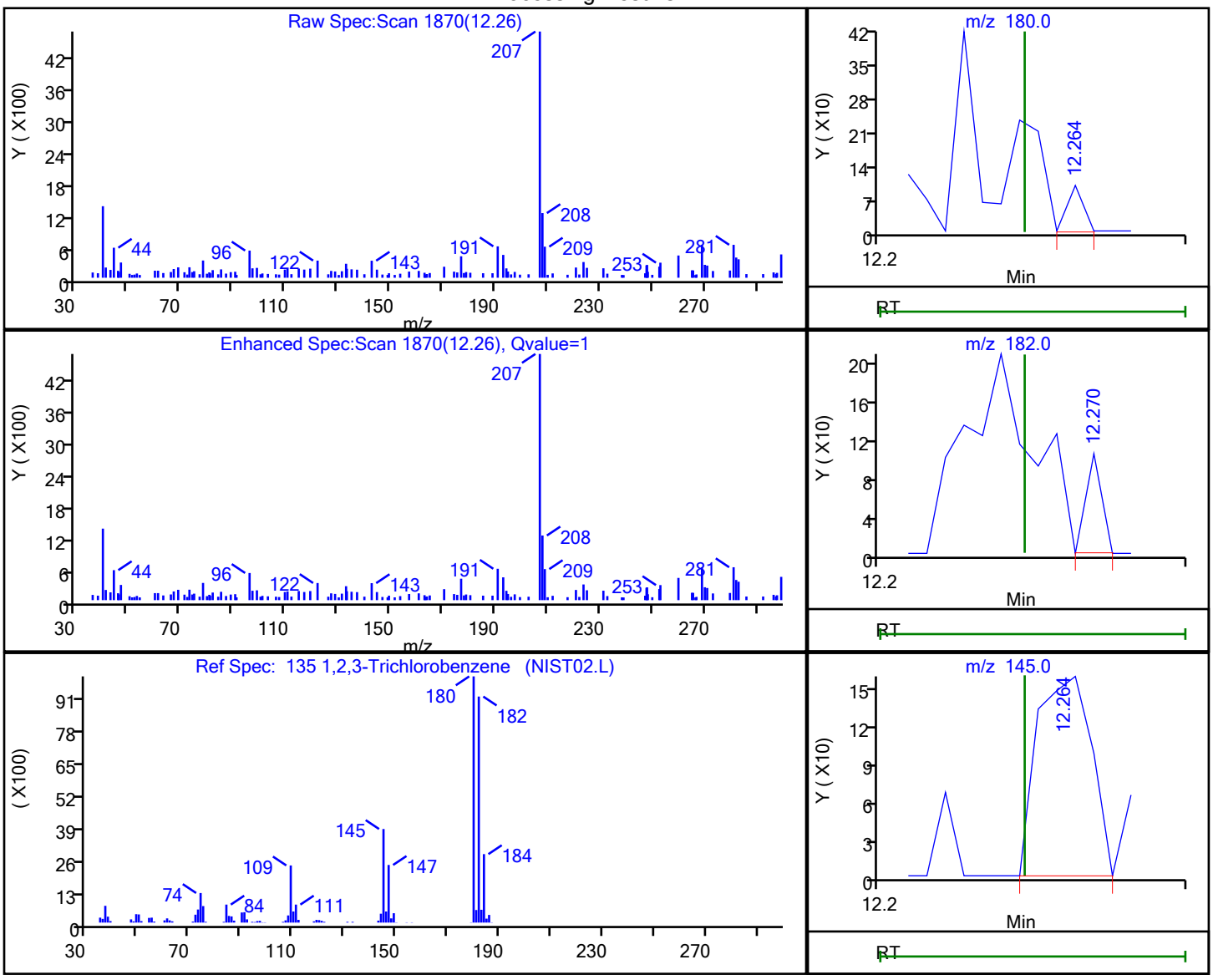
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.26	180.00	34	0.010881
12.27	182.00	38	
12.26	145.00	189	

Reviewer: HVW2, 14-Mar-2024 19:31:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

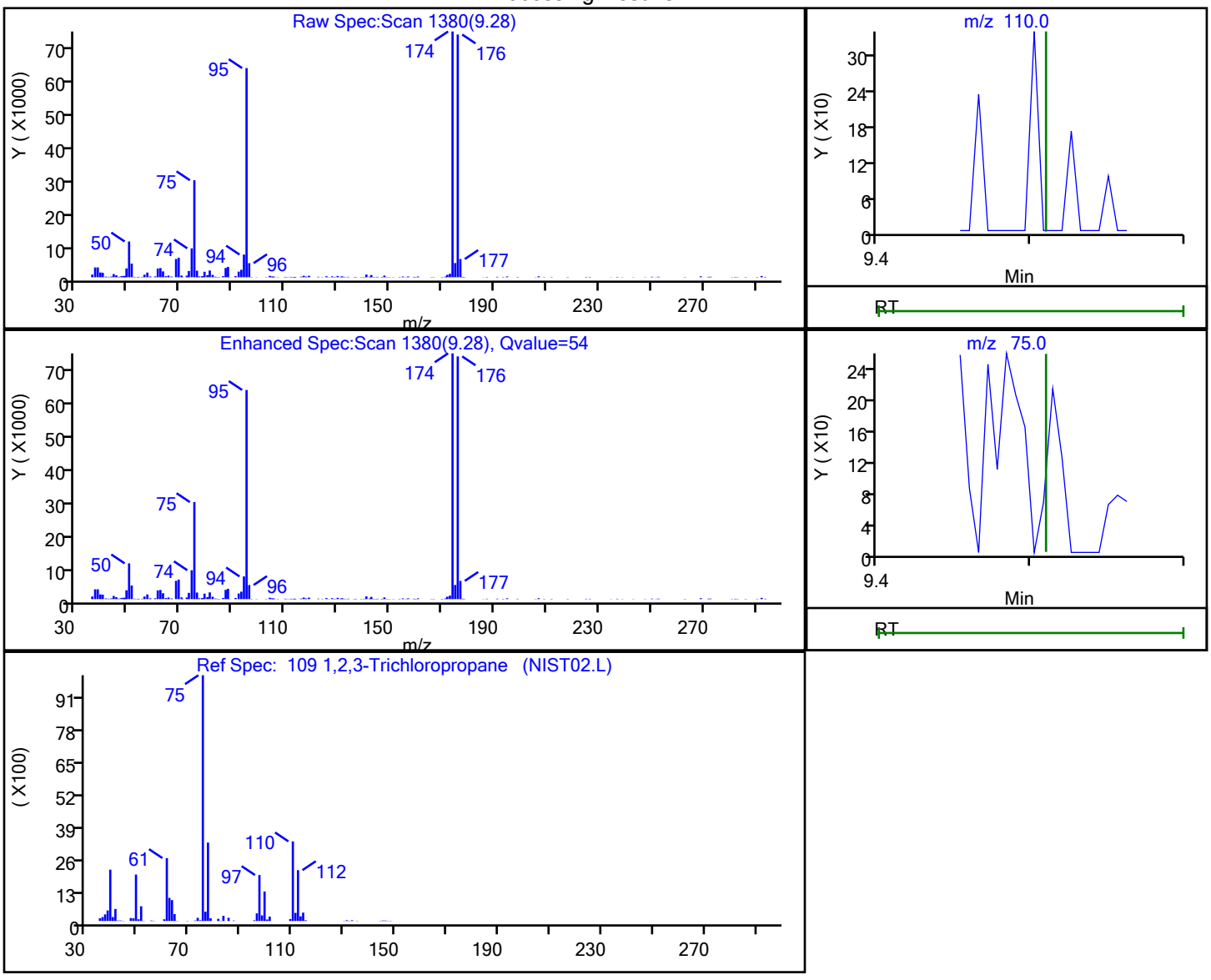
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

109 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.28	110.00	111	0.393499
9.27	75.00	85600	

Reviewer: HVW2, 14-Mar-2024 19:30:39 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

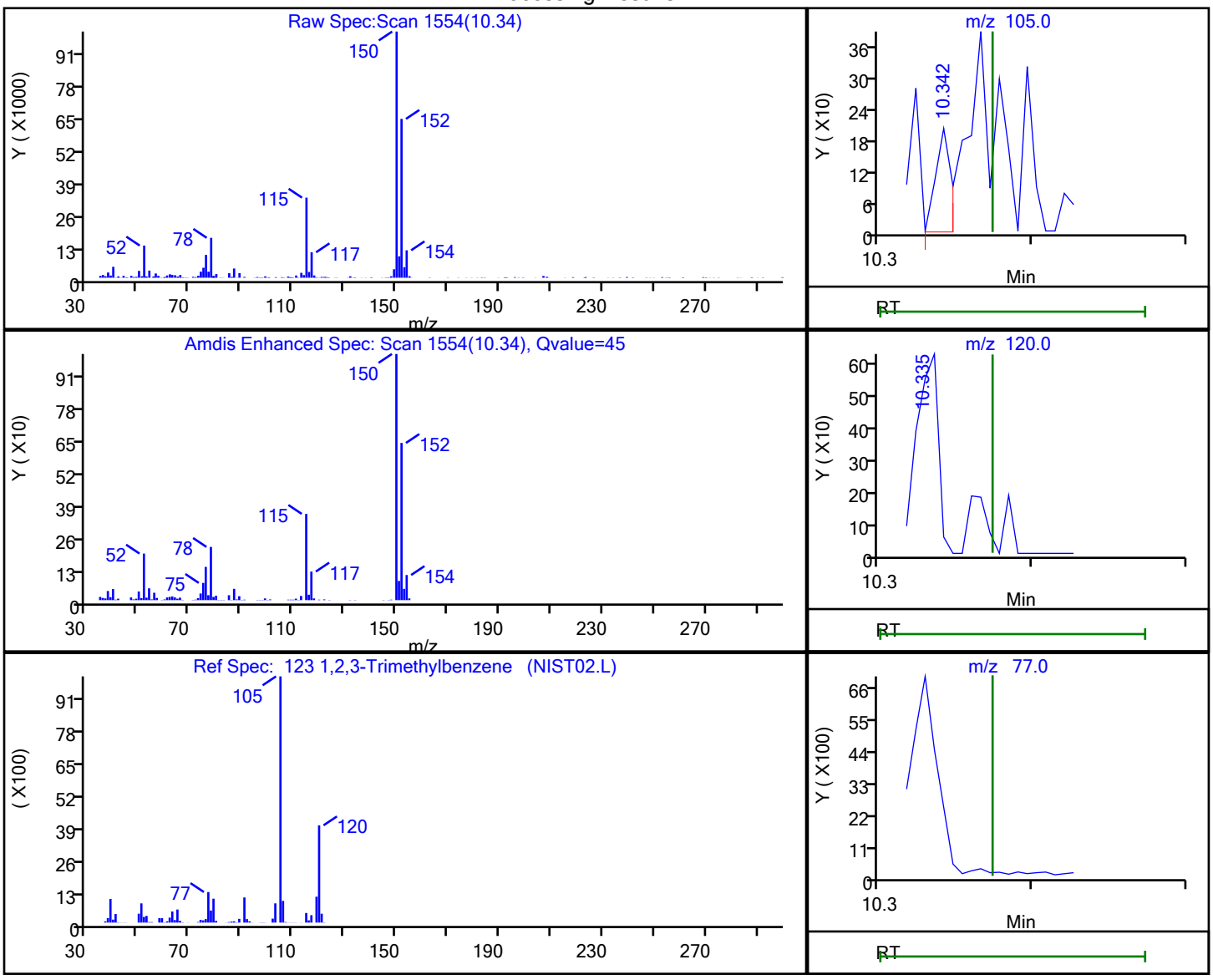
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.34	105.00	139	0.015613
10.34	120.00	614	
10.33	77.00	8358	

Reviewer: HVW2, 14-Mar-2024 19:31:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

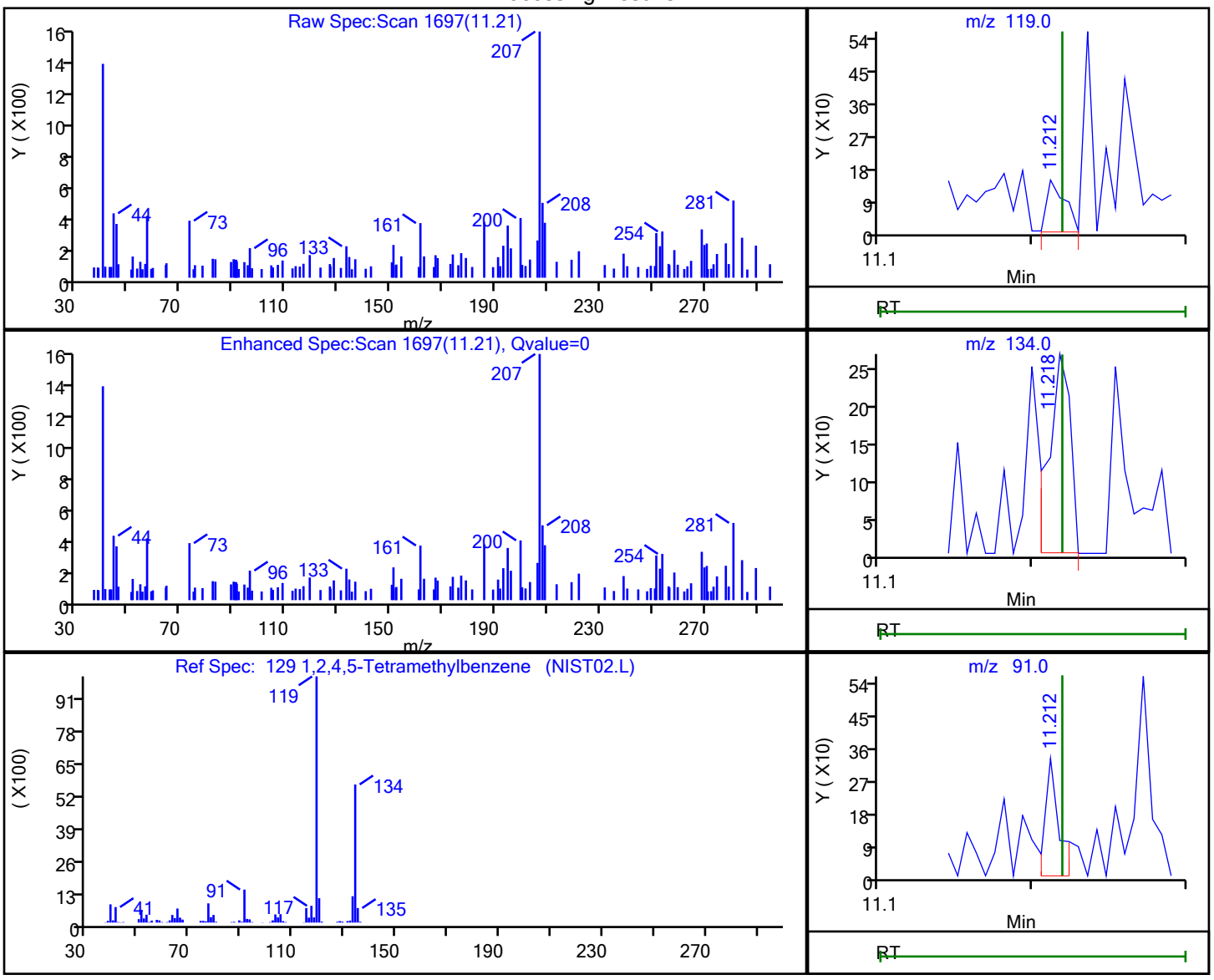
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.21	119.00	114	0.016306
11.22	134.00	263	
11.21	91.00	211	

Reviewer: HVW2, 14-Mar-2024 19:31:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

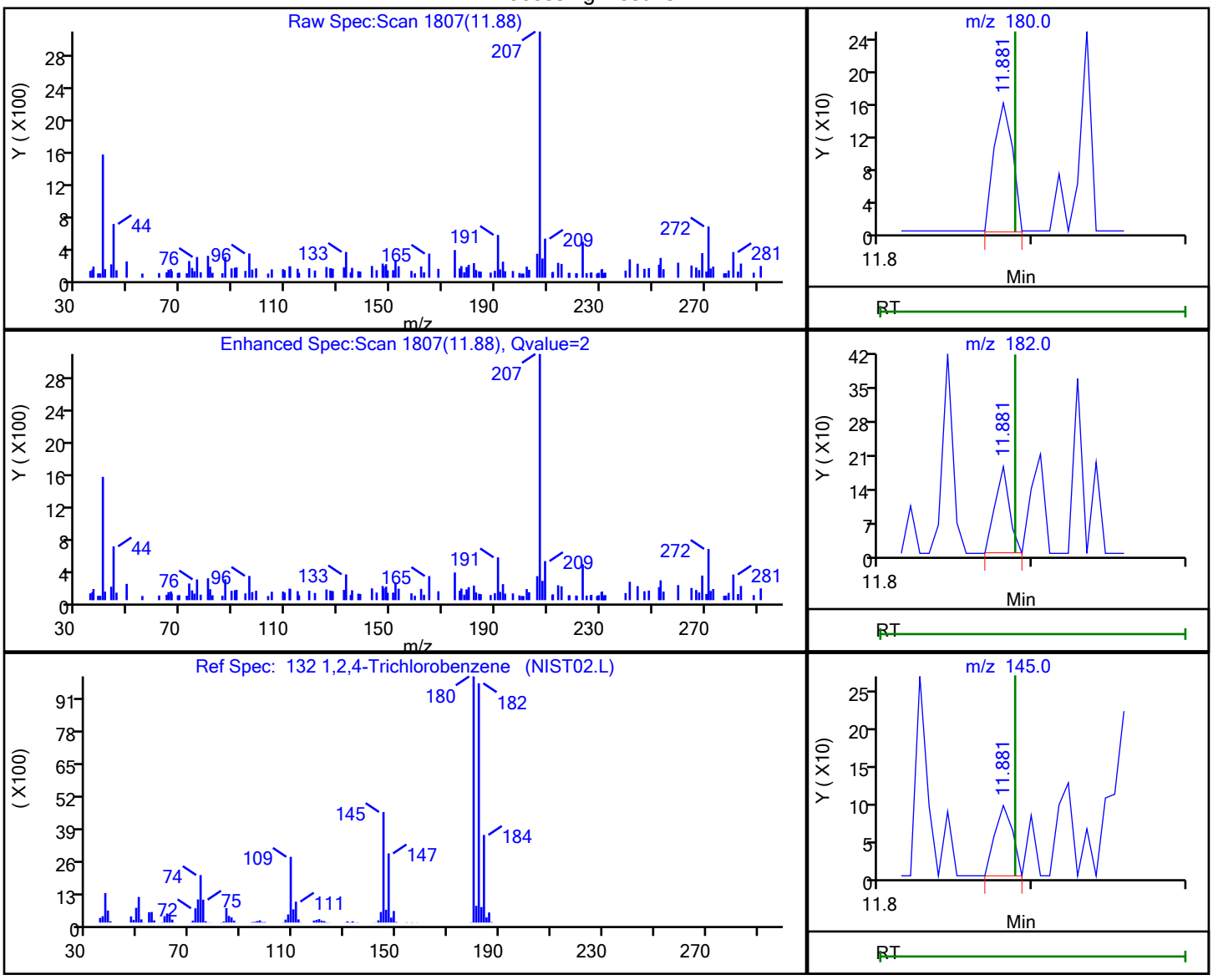
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
11.88	180.00	133	0.038910
11.88	182.00	118	
11.88	145.00	75	

Reviewer: HVW2, 14-Mar-2024 19:31:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

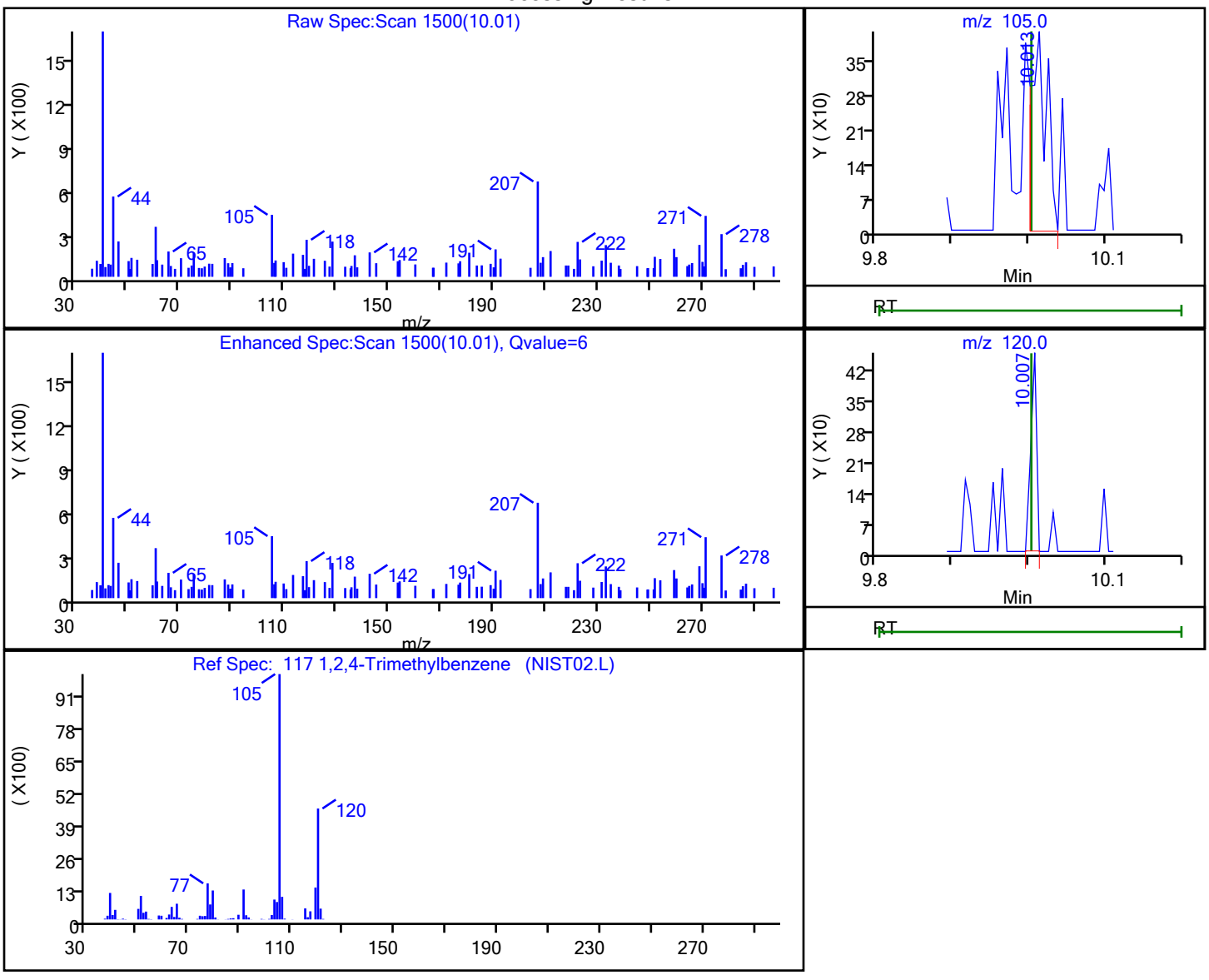
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.01	105.00	575	0.069591
10.01	120.00	243	

Reviewer: HVW2, 14-Mar-2024 19:30:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

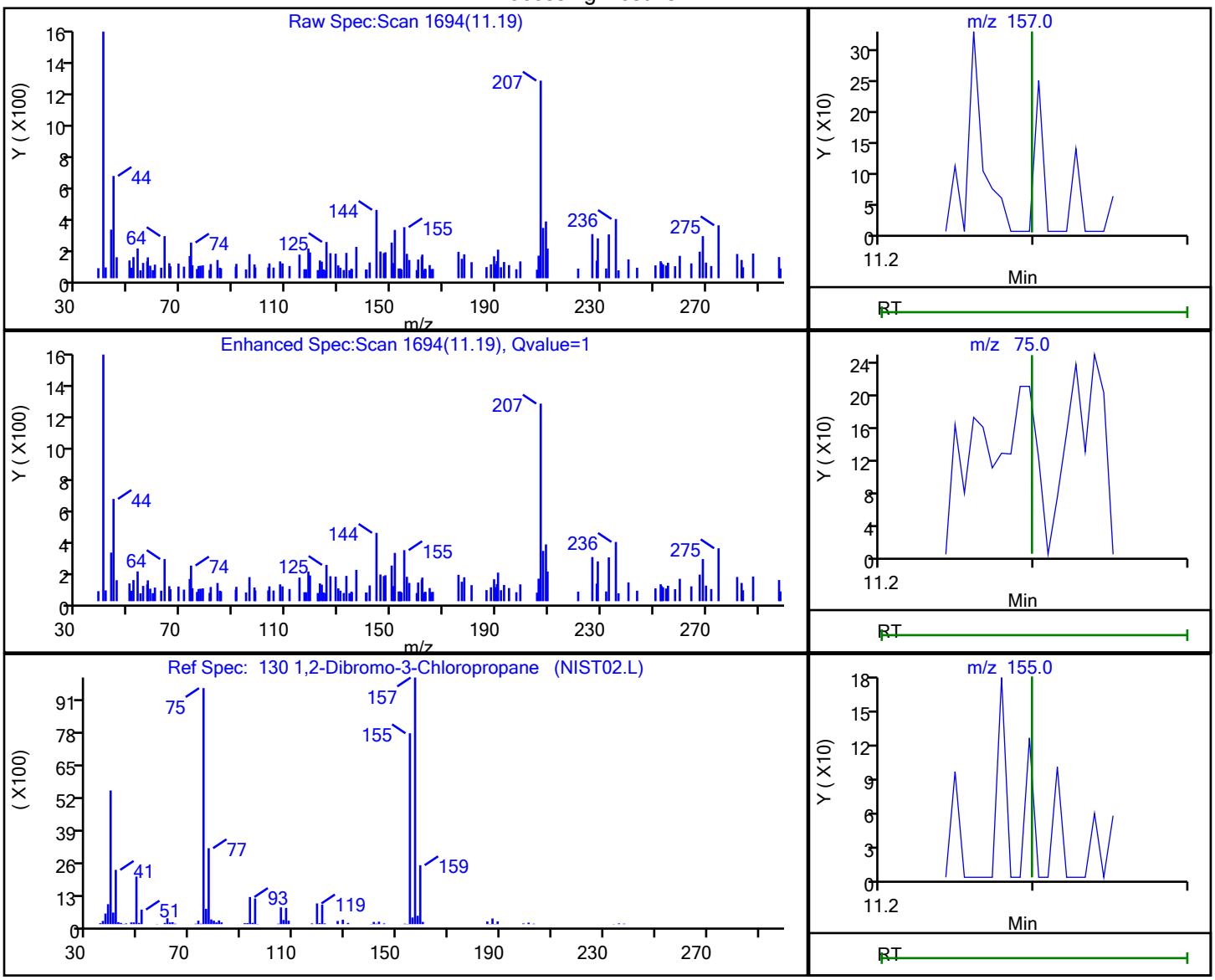
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

130 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
11.19	157.00	63	0.091955
11.21	75.00	198	
11.19	155.00	219	

Reviewer: HVW2, 14-Mar-2024 19:31:09 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

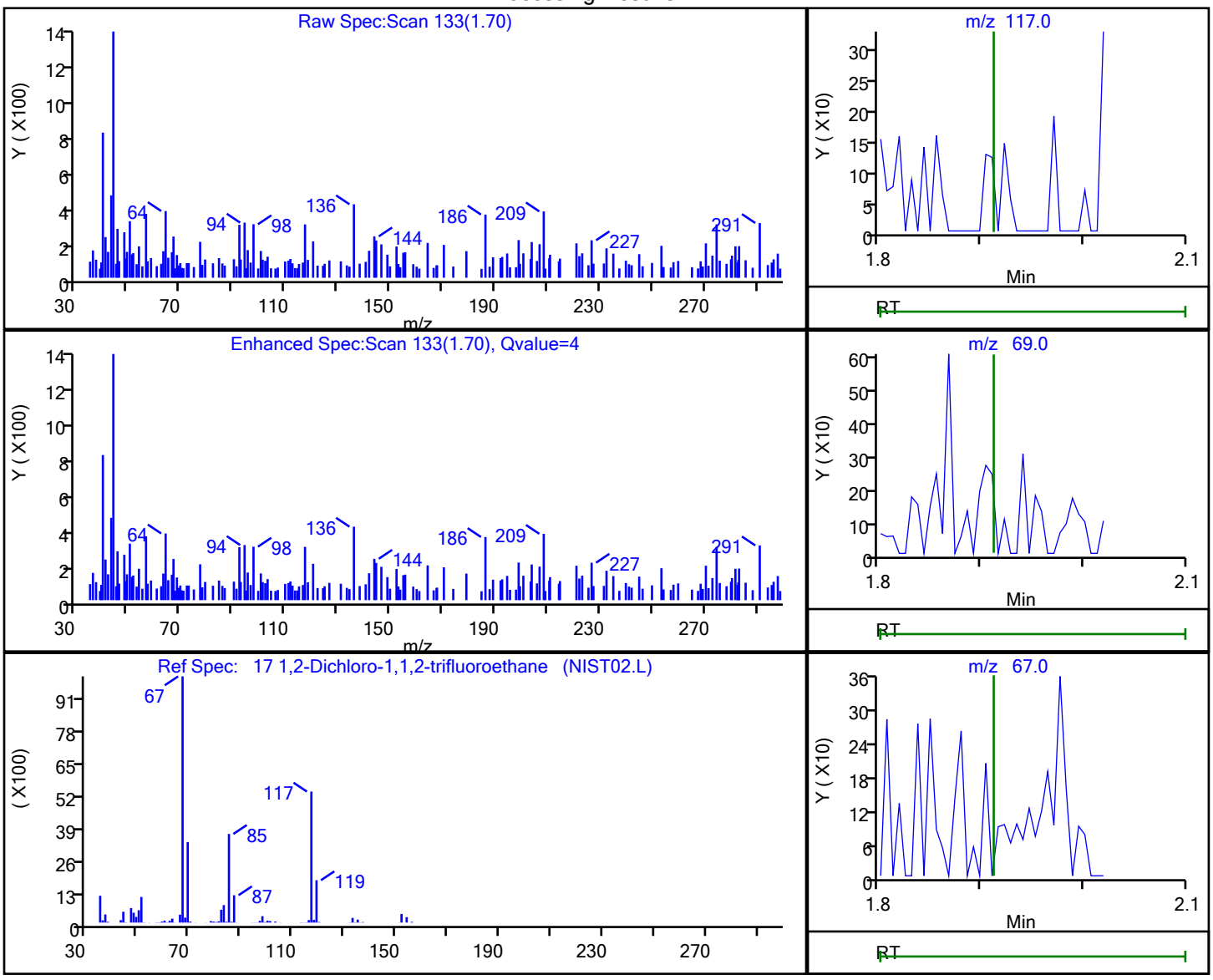
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
1.70	117.00	266	3.776011
1.68	69.00	212	
1.71	67.00	1516	
1.70	119.00	68	

Reviewer: HVW2, 14-Mar-2024 19:28:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

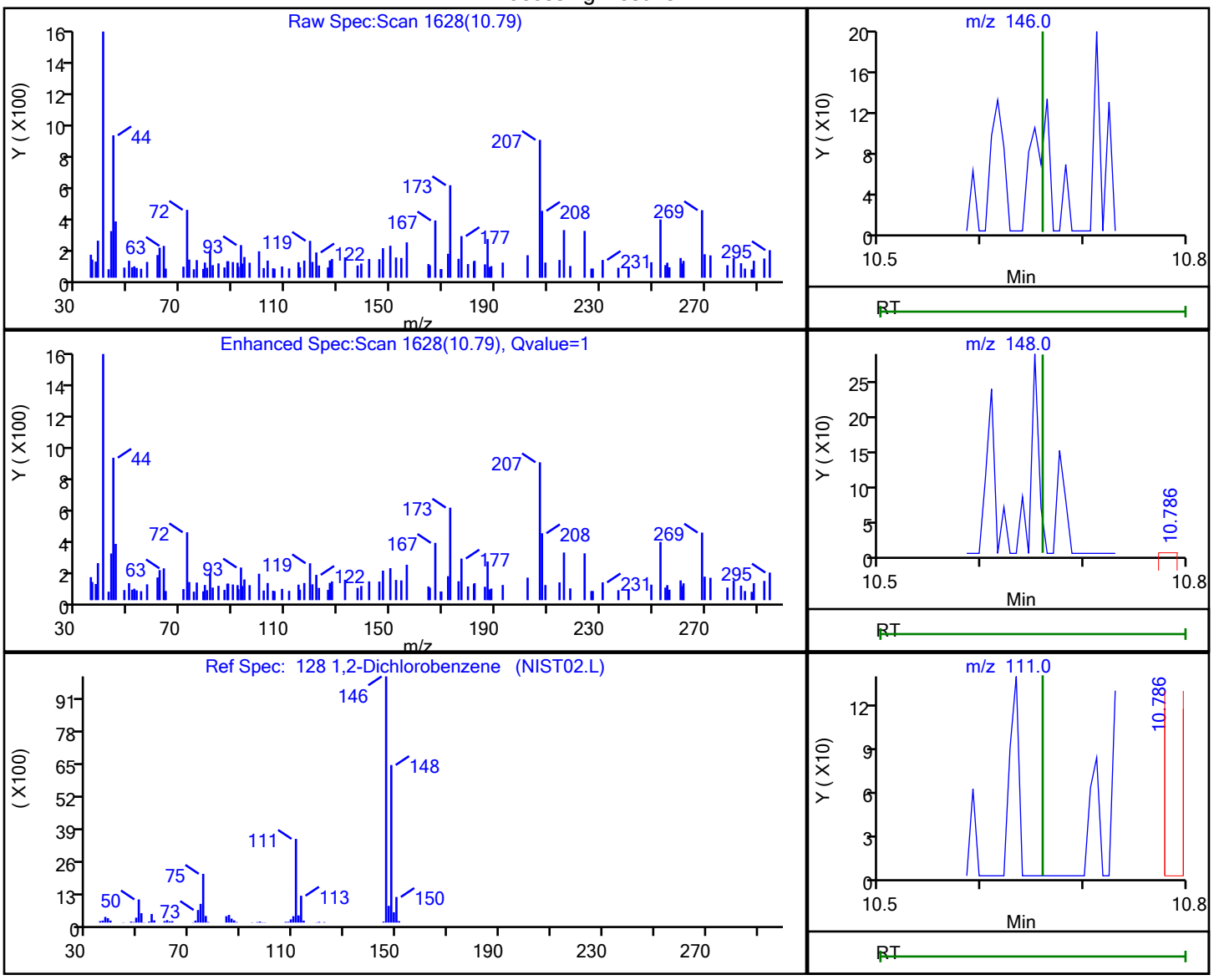
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.79	146.00	60	0.016554
10.79	148.00	119	
10.79	111.00	57	

Reviewer: HVW2, 14-Mar-2024 19:31:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

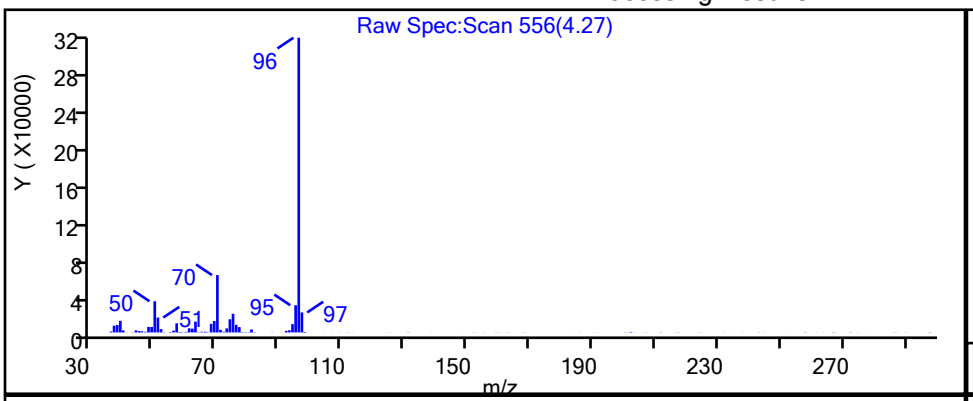
User Disabled Compound Report

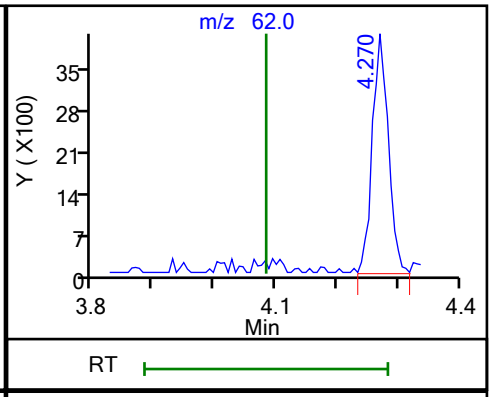
Eurofins Edison

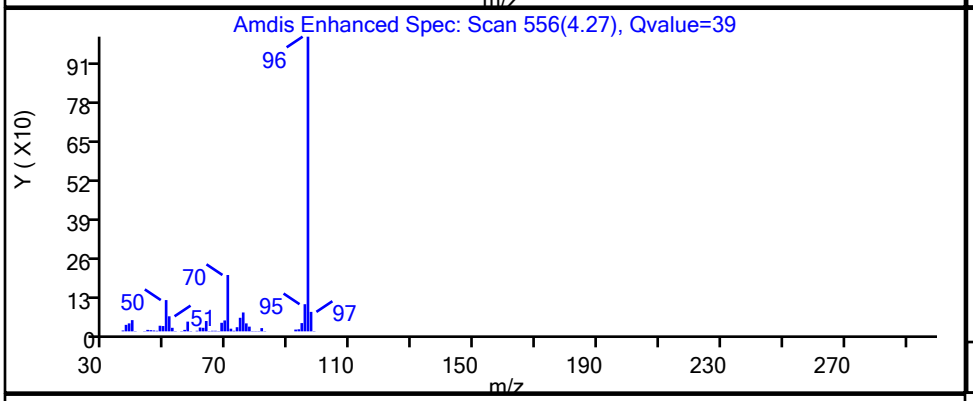
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

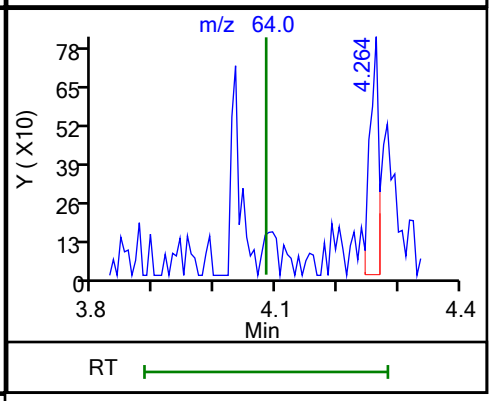
64 1,2-Dichloroethane, CAS: 107-06-2

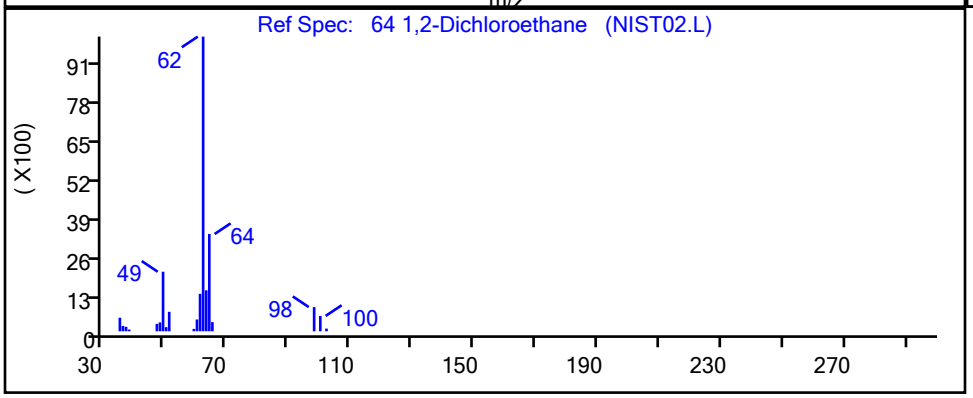
Processing Results











RT	Mass	Response	Amount
4.27	62.00	7293	1.927718
4.26	64.00	809	

Reviewer: HVW2, 14-Mar-2024 19:29:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

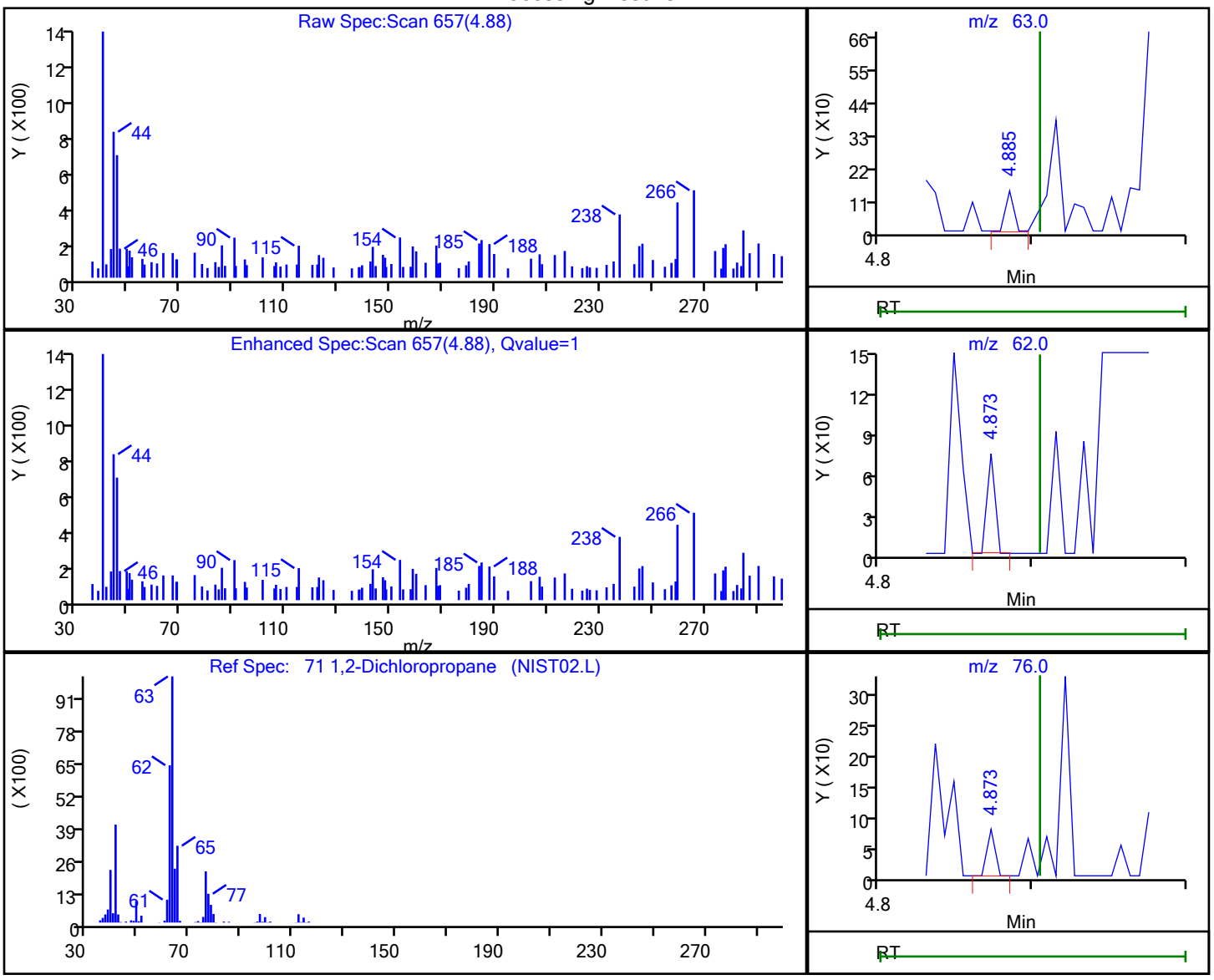
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
4.88	63.00	49	0.018366
4.87	62.00	26	
4.87	76.00	28	
4.84	112.00	0	

Reviewer: HVW2, 14-Mar-2024 19:29:33 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

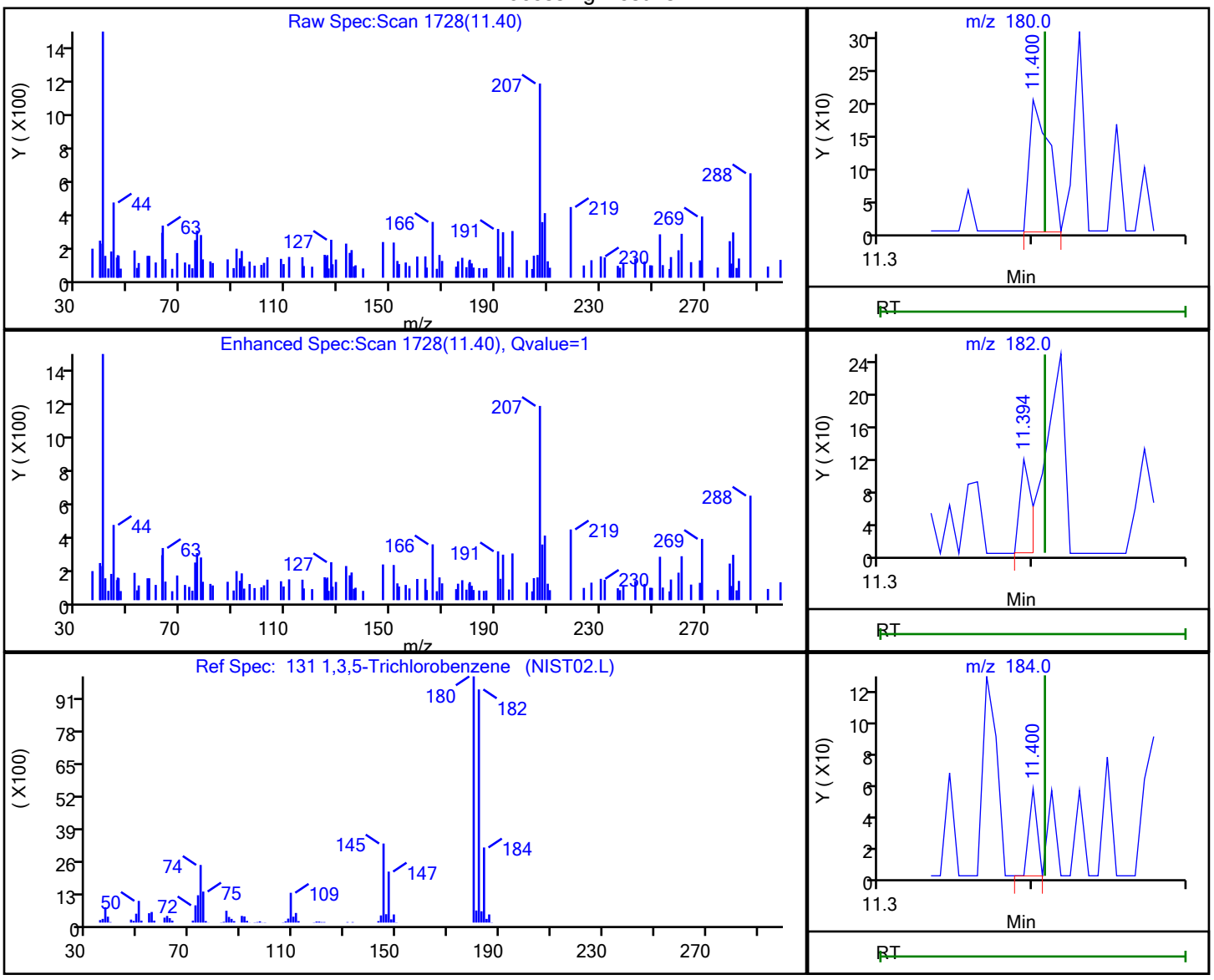
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
11.40	180.00	173	0.046417
11.39	182.00	64	
11.40	184.00	20	

Reviewer: HVW2, 14-Mar-2024 19:31:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

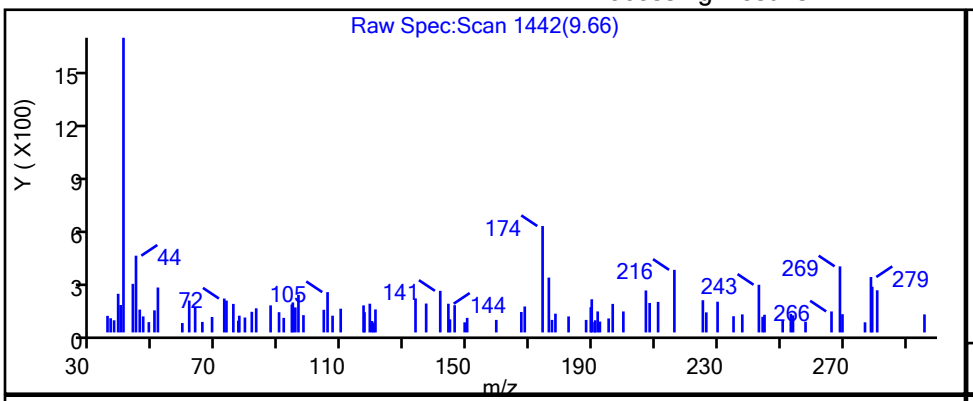
User Disabled Compound Report

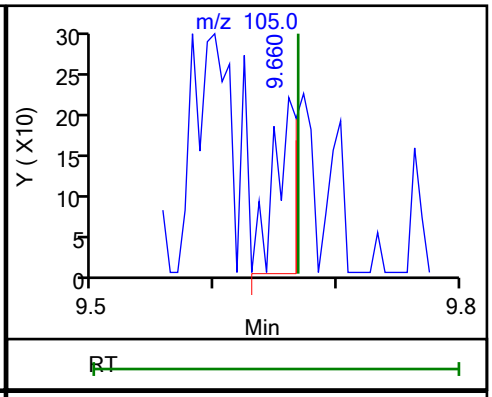
Eurofins Edison

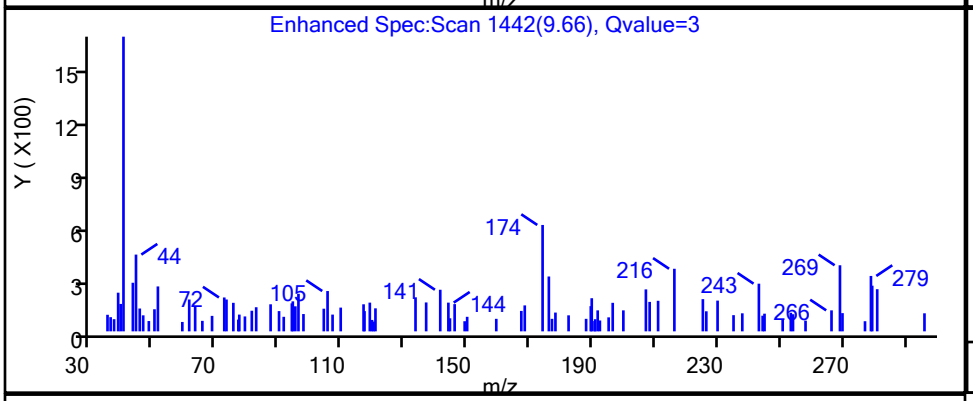
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

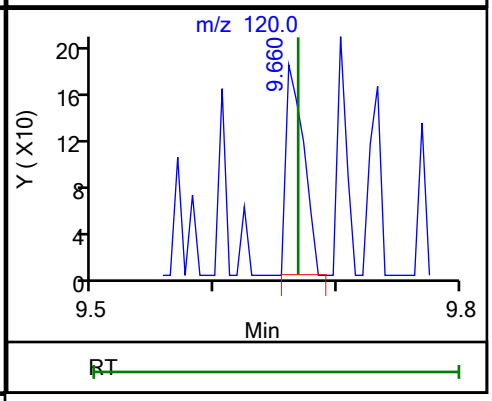
113 1,3,5-Trimethylbenzene, CAS: 108-67-8

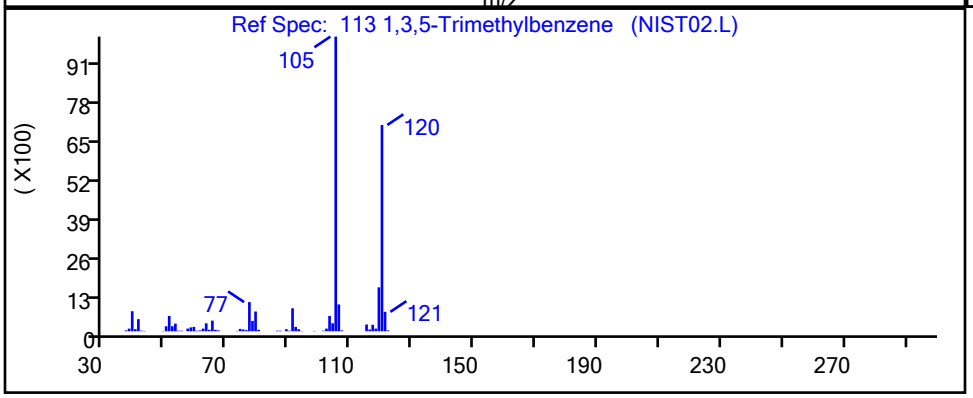
Processing Results











RT	Mass	Response	Amount
9.66	105.00	283	0.036406
9.66	120.00	180	

Reviewer: HVW2, 14-Mar-2024 19:30:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

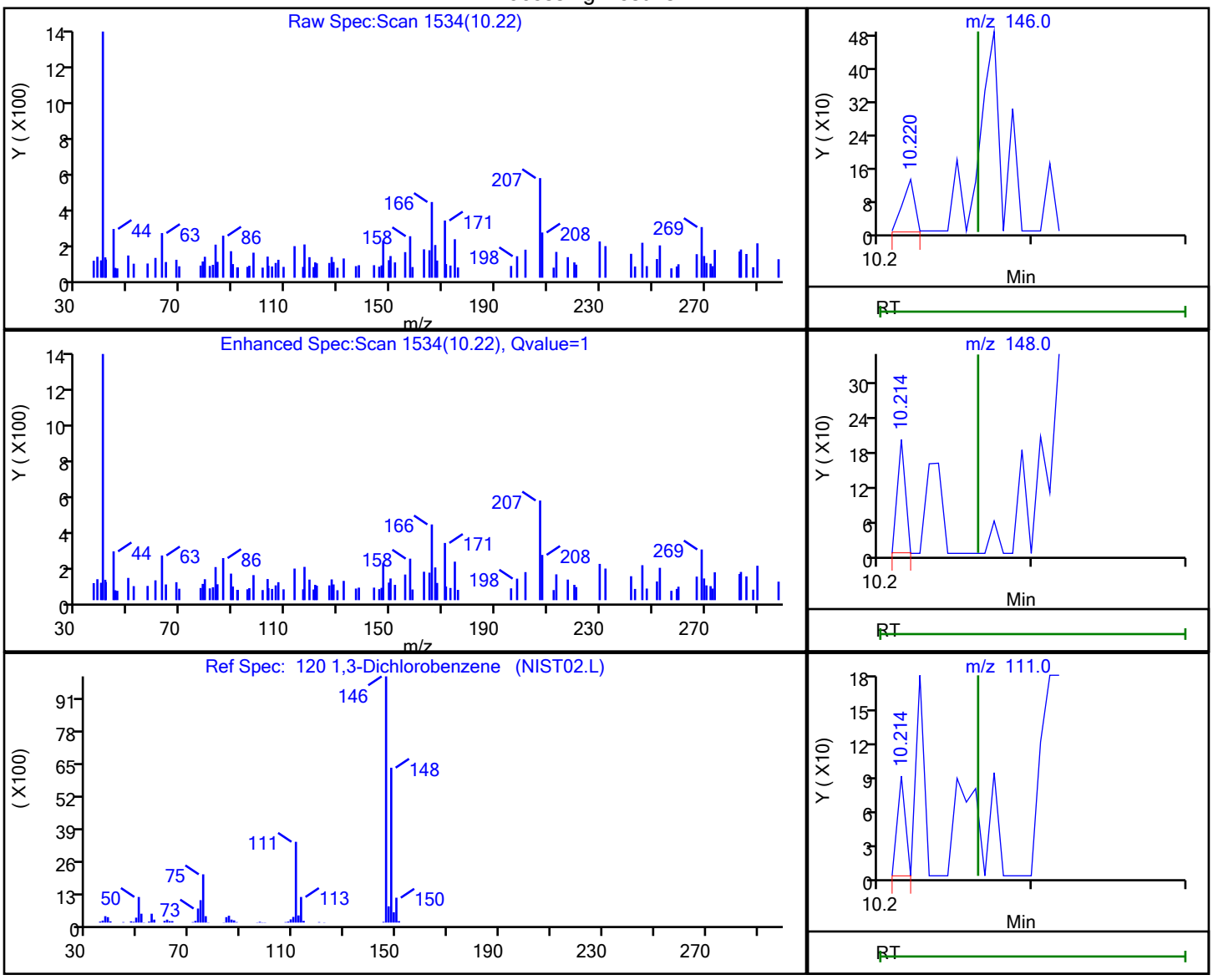
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

120 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.22	146.00	67	0.012109
10.21	148.00	72	
10.21	111.00	32	

Reviewer: HVW2, 14-Mar-2024 19:30:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

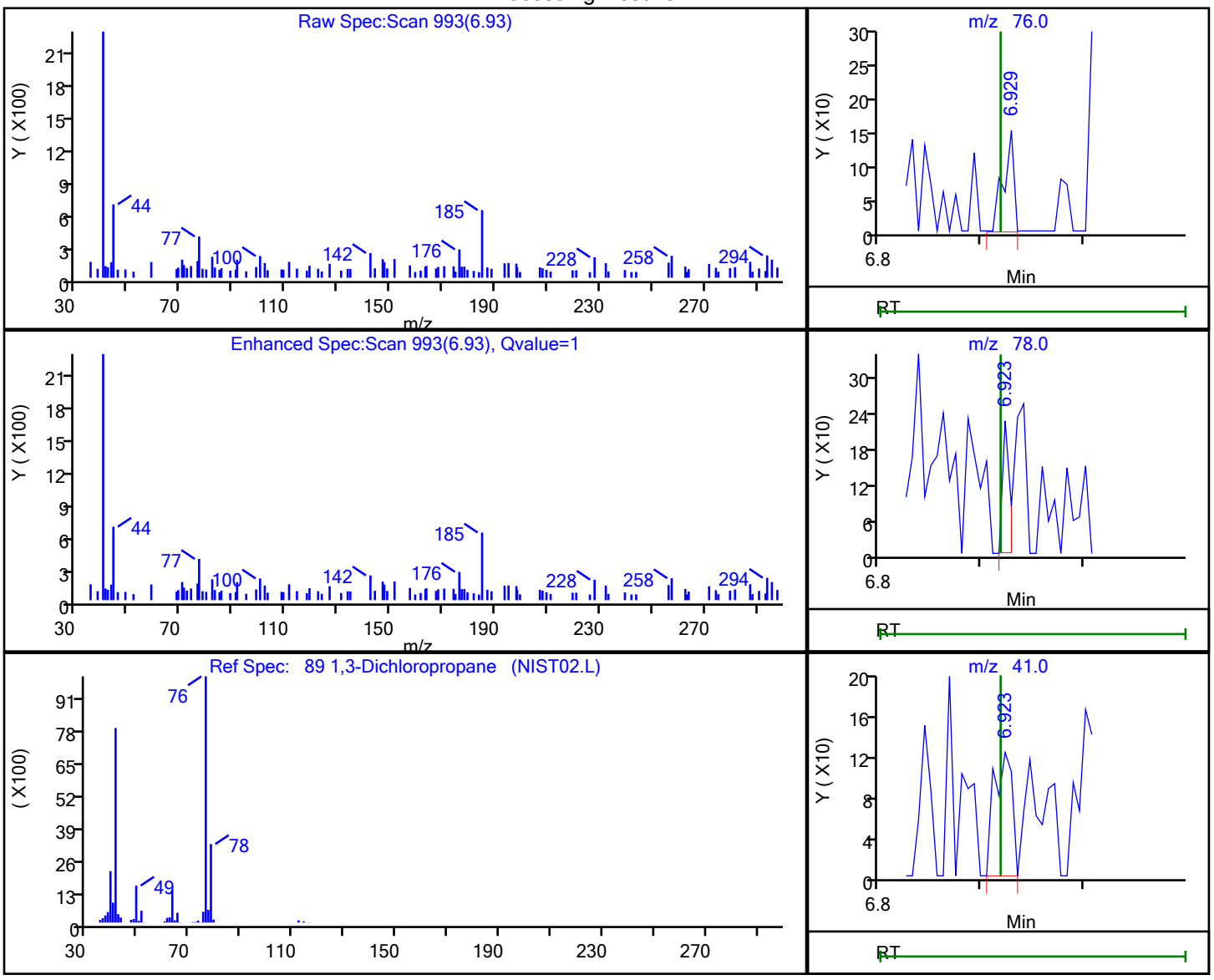
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
6.93	76.00	104	0.026532
6.92	78.00	112	
6.92	41.00	151	

Reviewer: HVW2, 14-Mar-2024 19:30:21 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

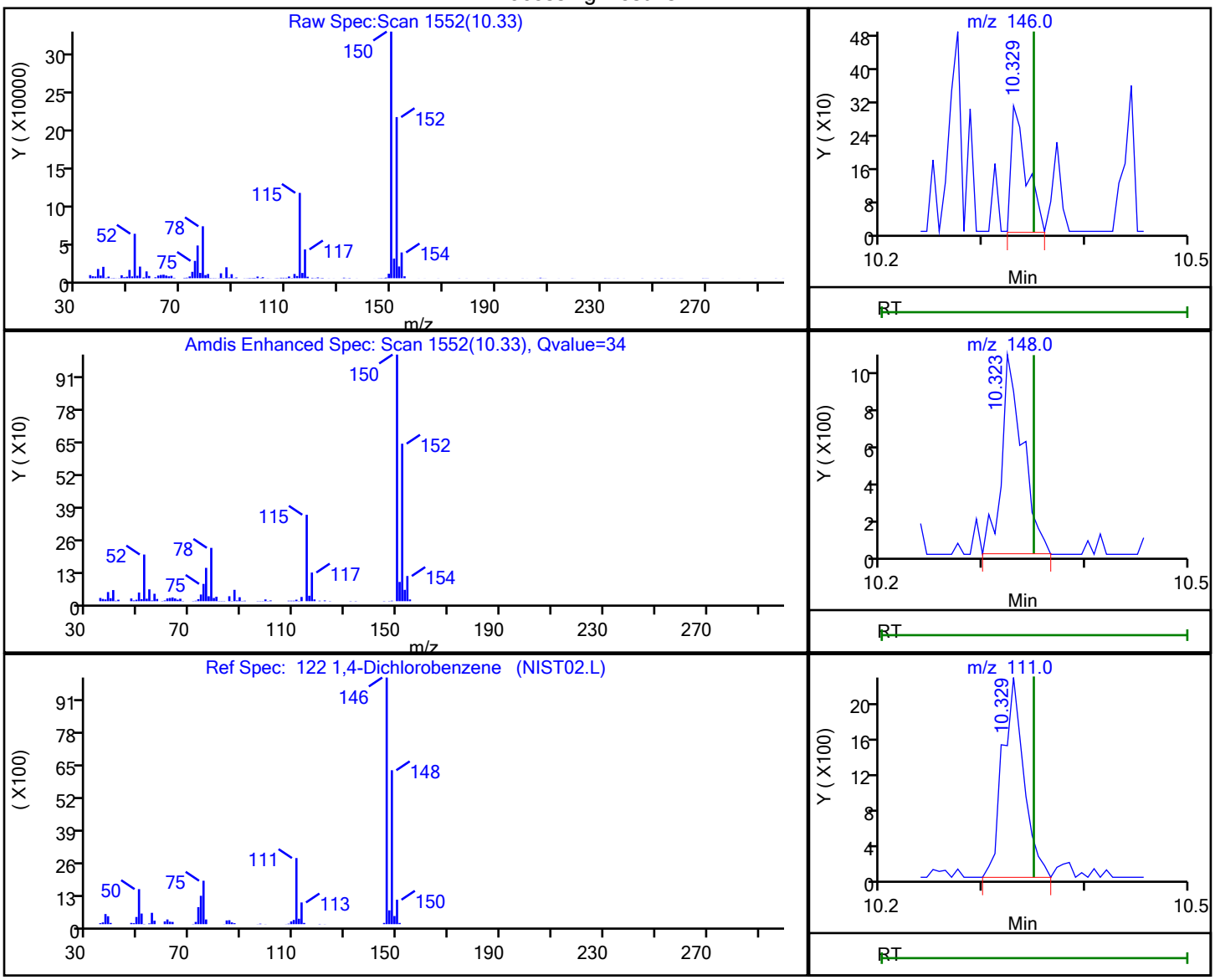
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.33	146.00	318	0.053331
10.32	148.00	1470	
10.33	111.00	3208	

Reviewer: HVW2, 14-Mar-2024 19:31:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

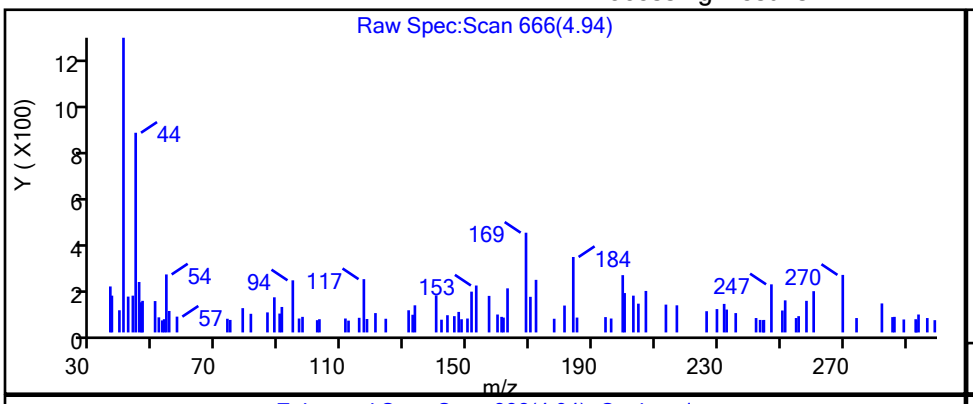
User Disabled Compound Report

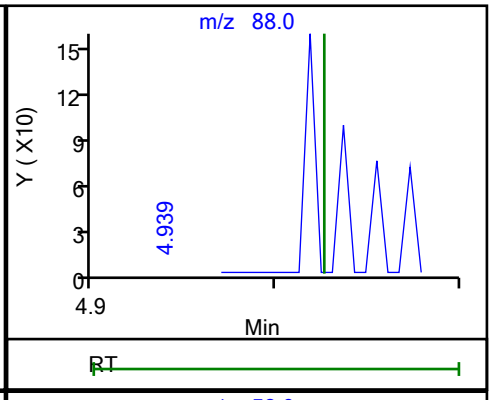
Eurofins Edison

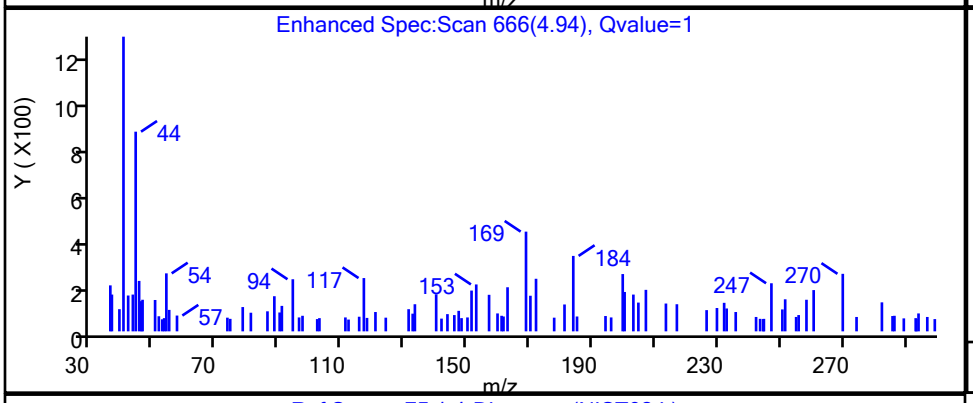
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

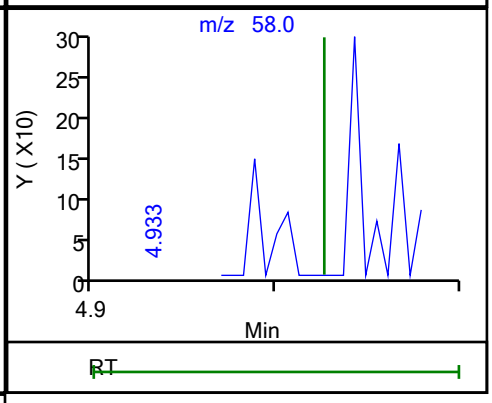
75 1,4-Dioxane, CAS: 123-91-1

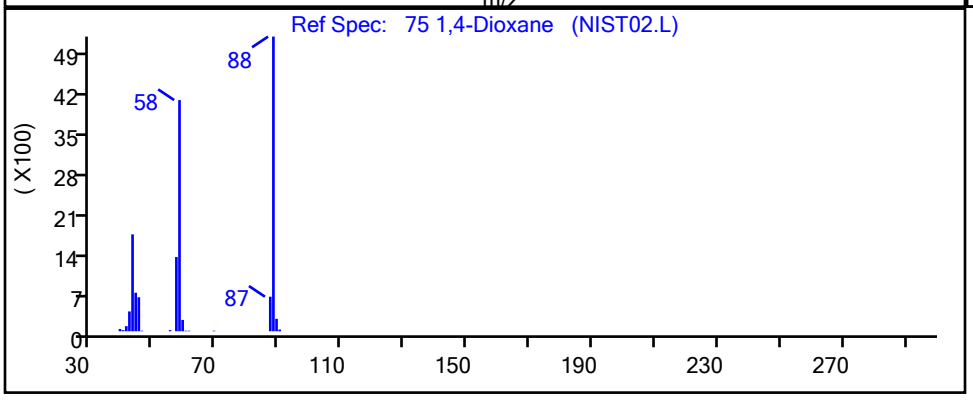
Processing Results











RT	Mass	Response	Amount
4.94	88.00	76	6.225387
4.93	58.00	126	

Reviewer: HVW2, 14-Mar-2024 19:29:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

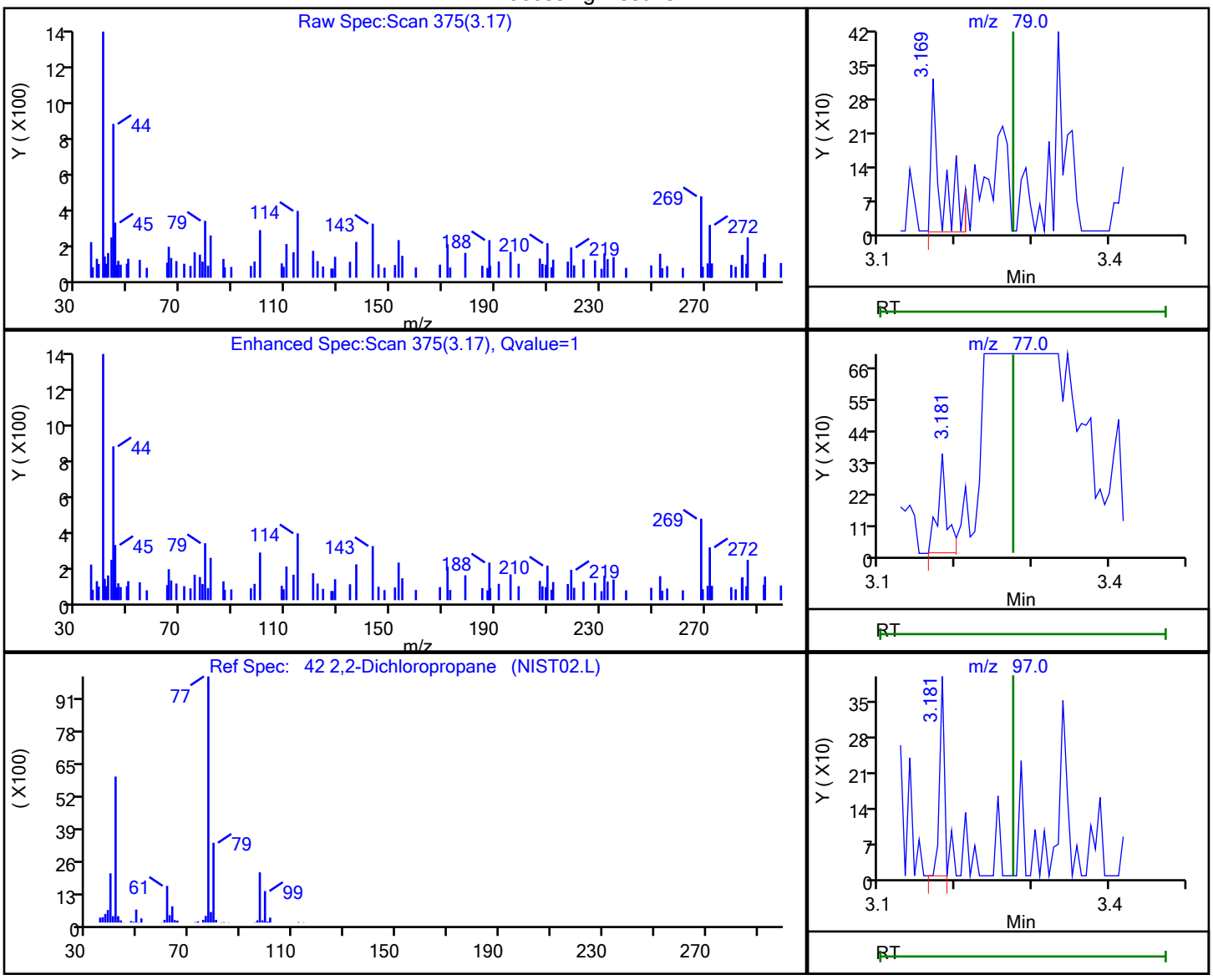
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
3.17	79.00	288	0.196573
3.18	77.00	299	
3.18	97.00	167	

Reviewer: HVW2, 14-Mar-2024 19:29:04 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

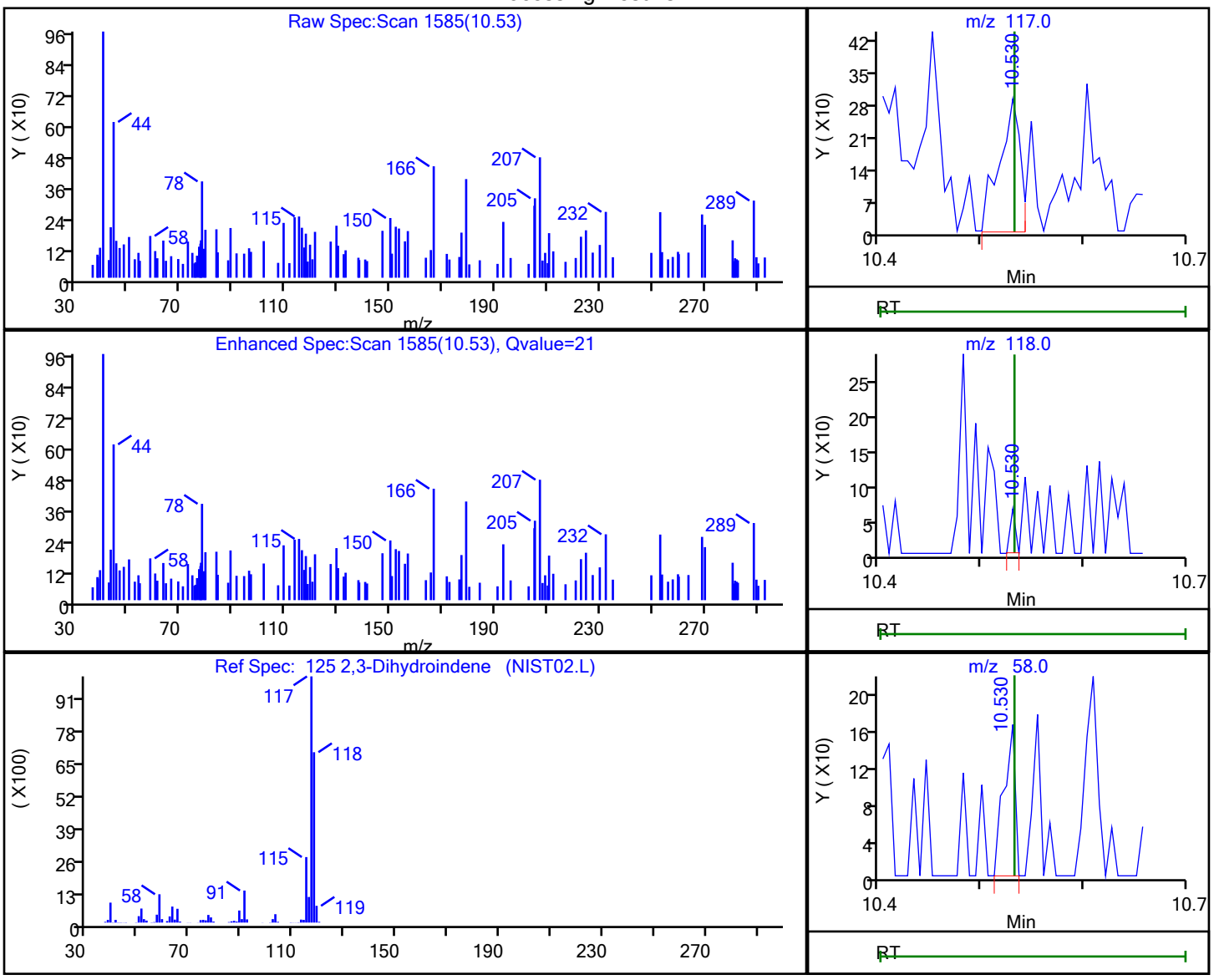
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
10.53	117.00	415	0.046403
10.53	118.00	23	
10.53	58.00	126	

Reviewer: HVW2, 14-Mar-2024 19:31:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

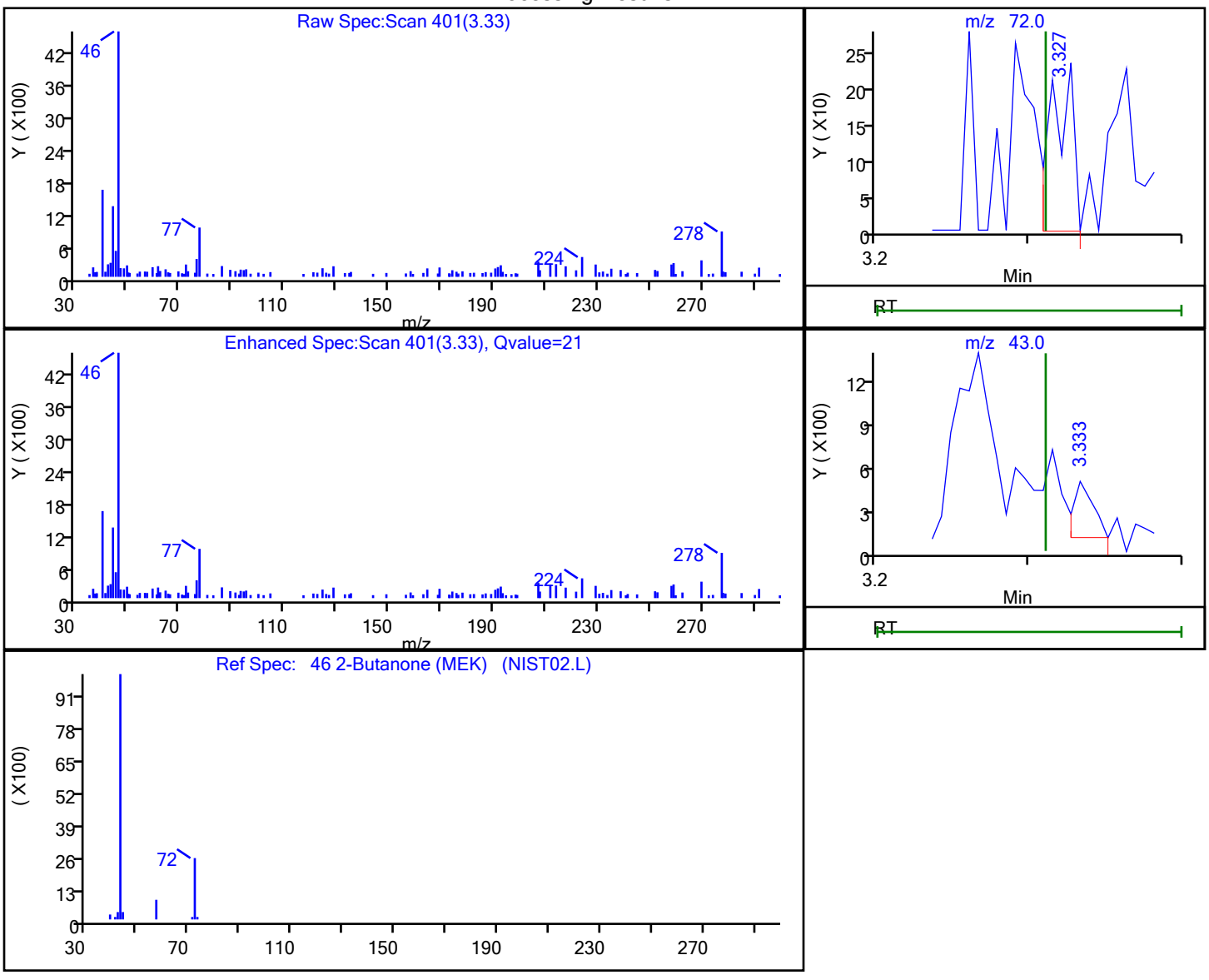
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.33	72.00	226	0.992734
3.33	43.00	363	

Reviewer: HVW2, 14-Mar-2024 19:29:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

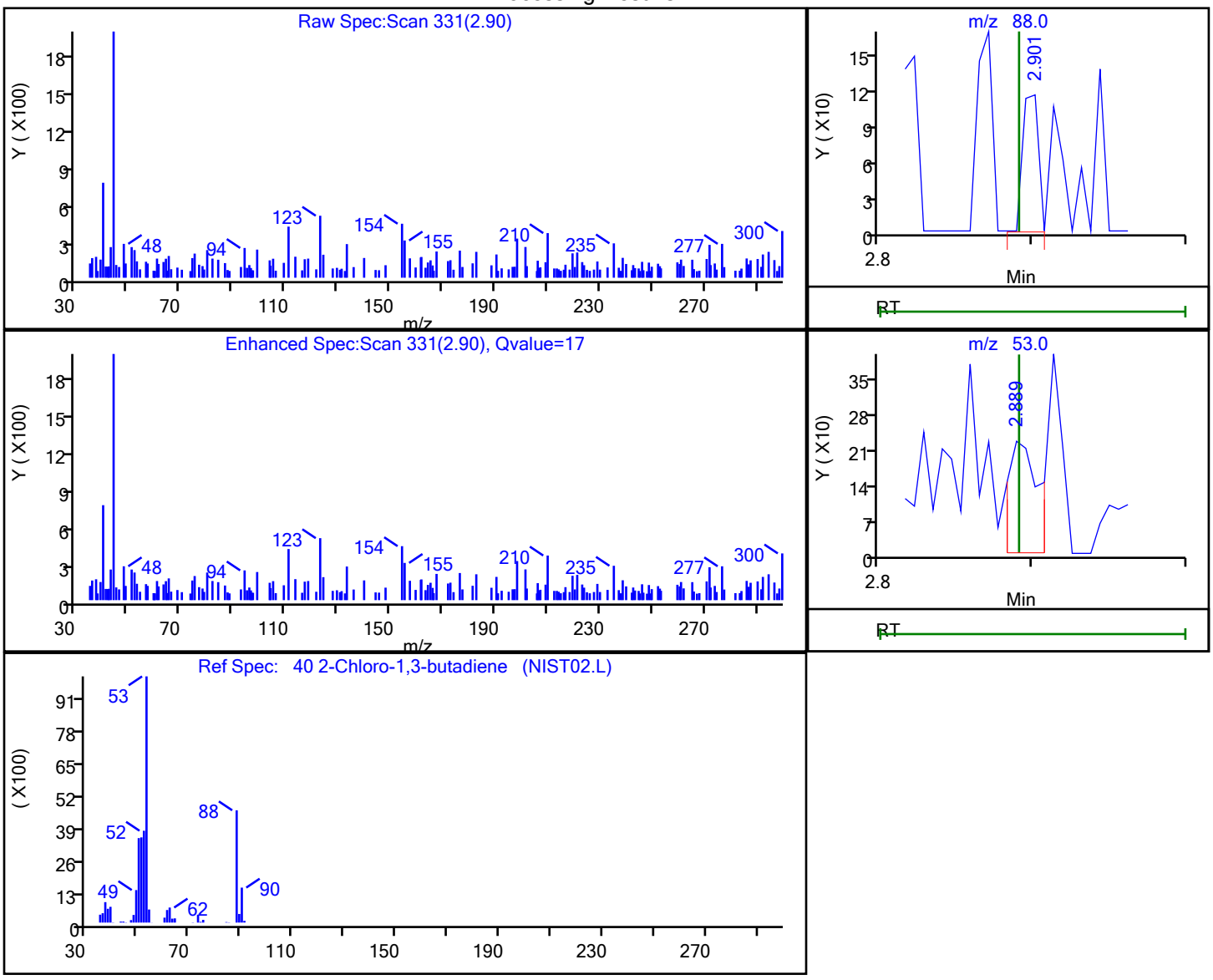
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

40 2-Chloro-1,3-butadiene, CAS: 126-99-8

Processing Results



RT	Mass	Response	Amount
2.90	88.00	84	0.048791
2.89	53.00	307	

Reviewer: HVW2, 14-Mar-2024 19:29:02 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

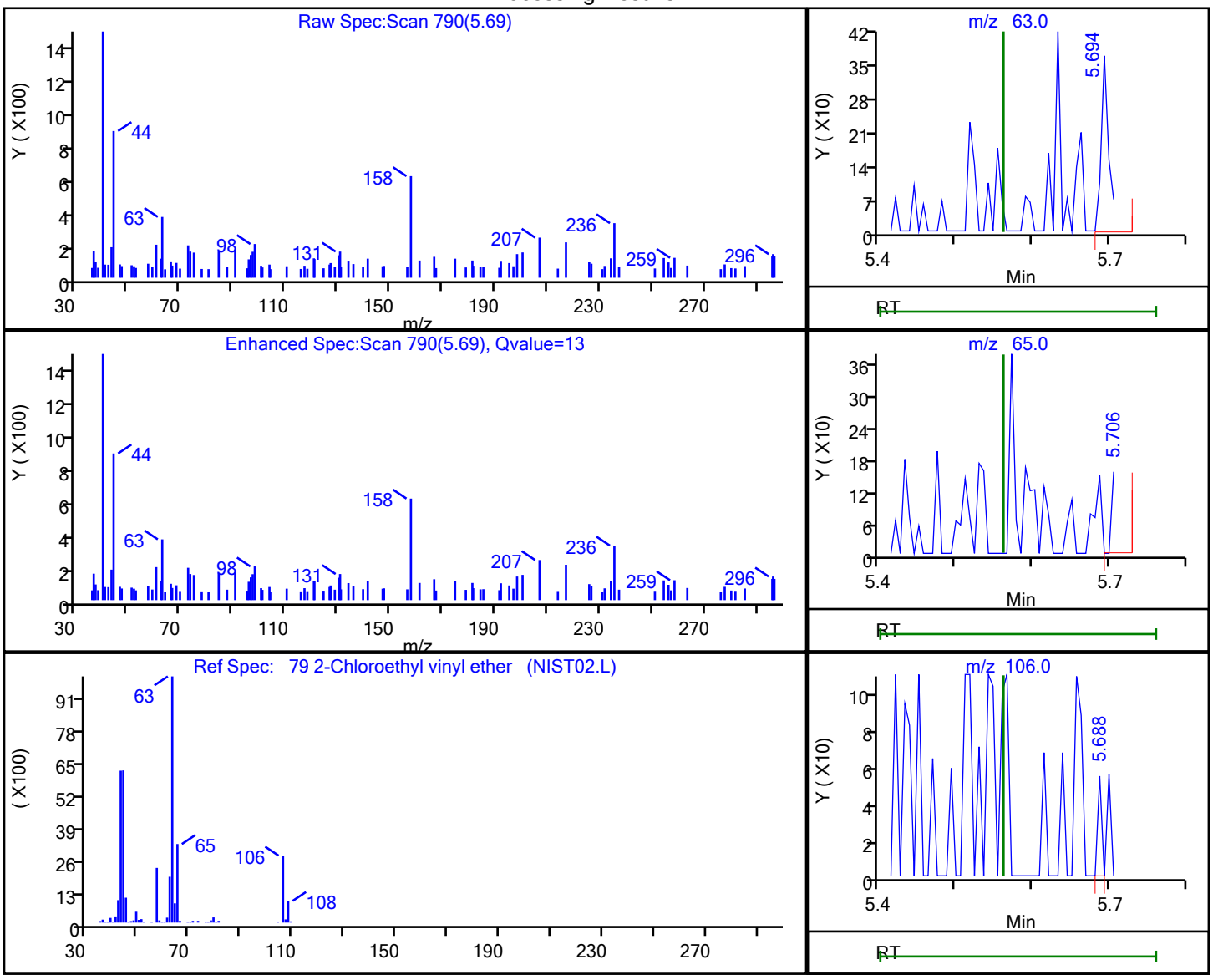
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
5.69	63.00	272	0.313908
5.71	65.00	108	
5.69	106.00	19	

Reviewer: HVW2, 14-Mar-2024 19:29:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

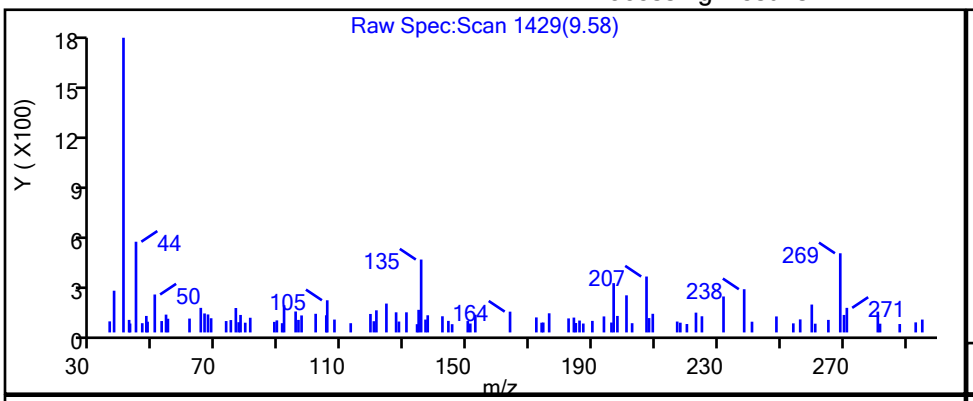
User Disabled Compound Report

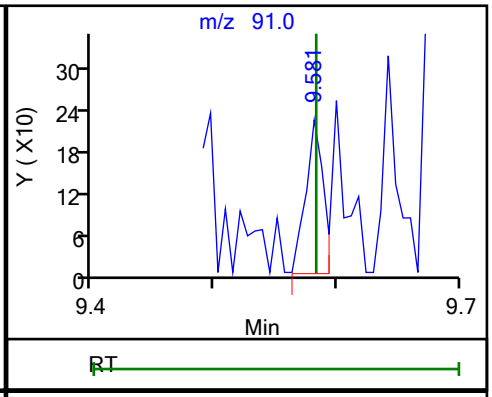
Eurofins Edison

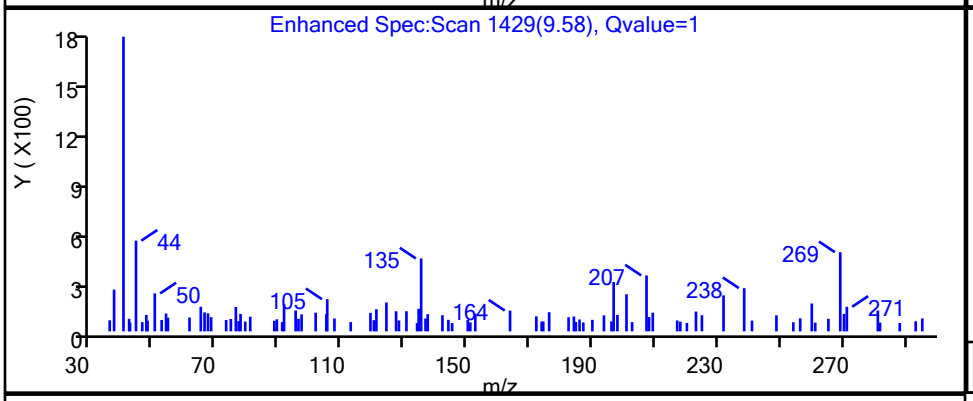
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

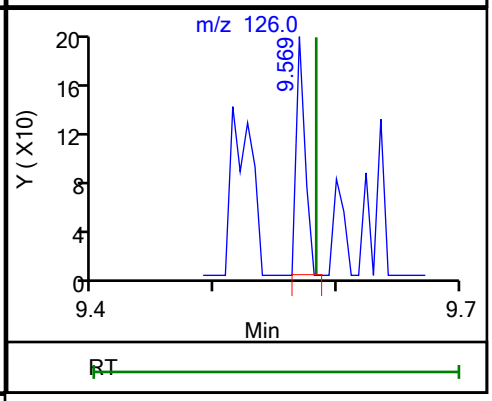
111 2-Chlorotoluene, CAS: 95-49-8

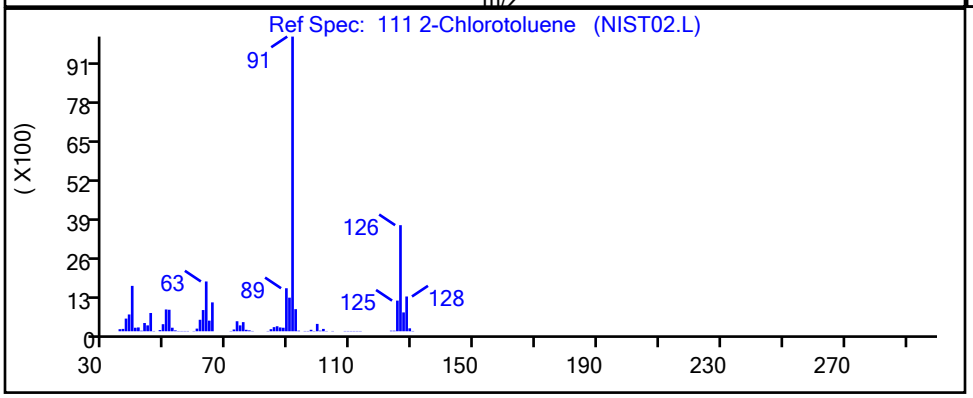
Processing Results











RT	Mass	Response	Amount
9.58	91.00	223	0.027337
9.57	126.00	96	

Reviewer: HVW2, 14-Mar-2024 19:30:44 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

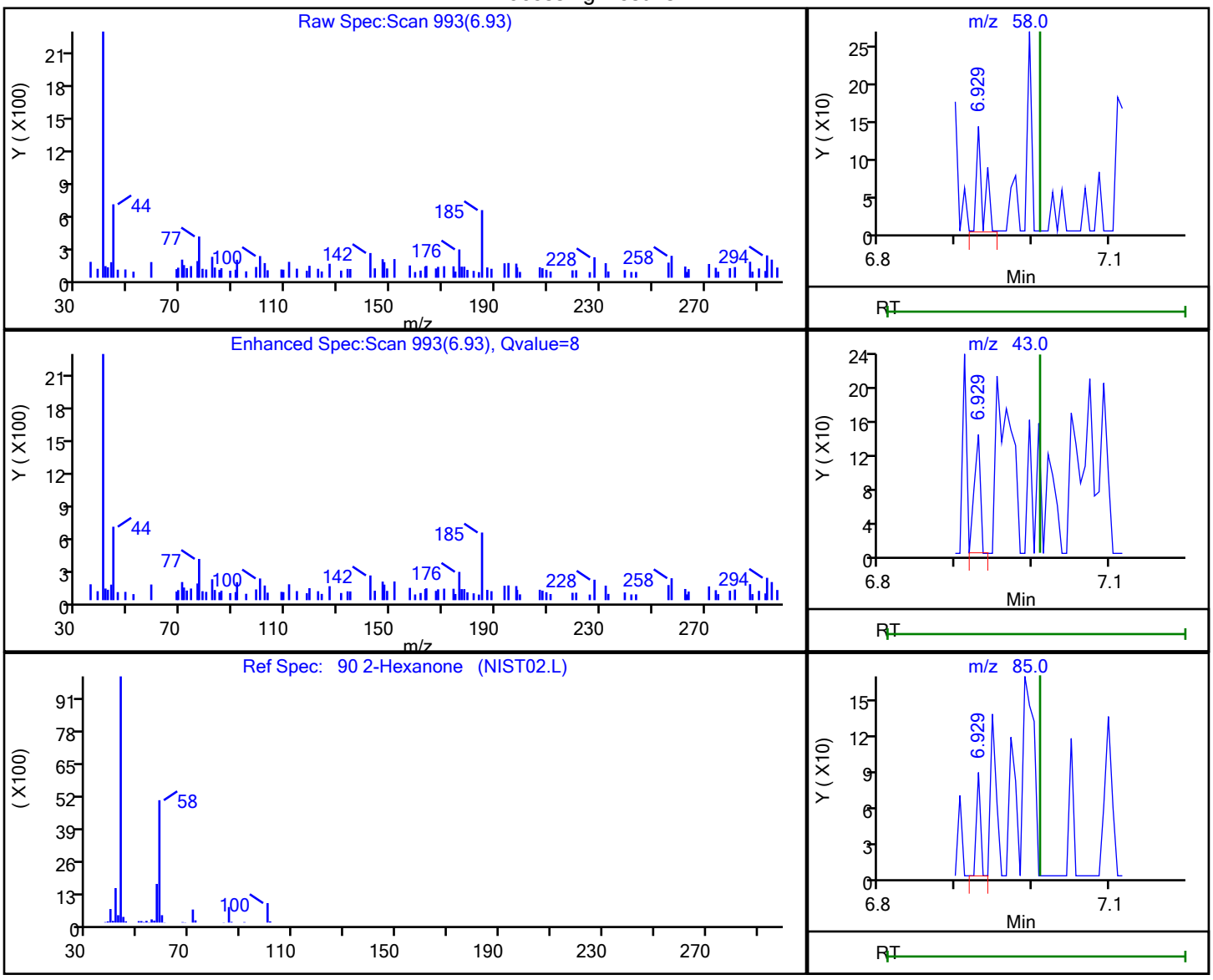
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

90 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
6.93	58.00	82	0.100027
6.93	43.00	78	
6.93	85.00	31	
6.93	100.00	142	

Reviewer: HVW2, 14-Mar-2024 19:30:22 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

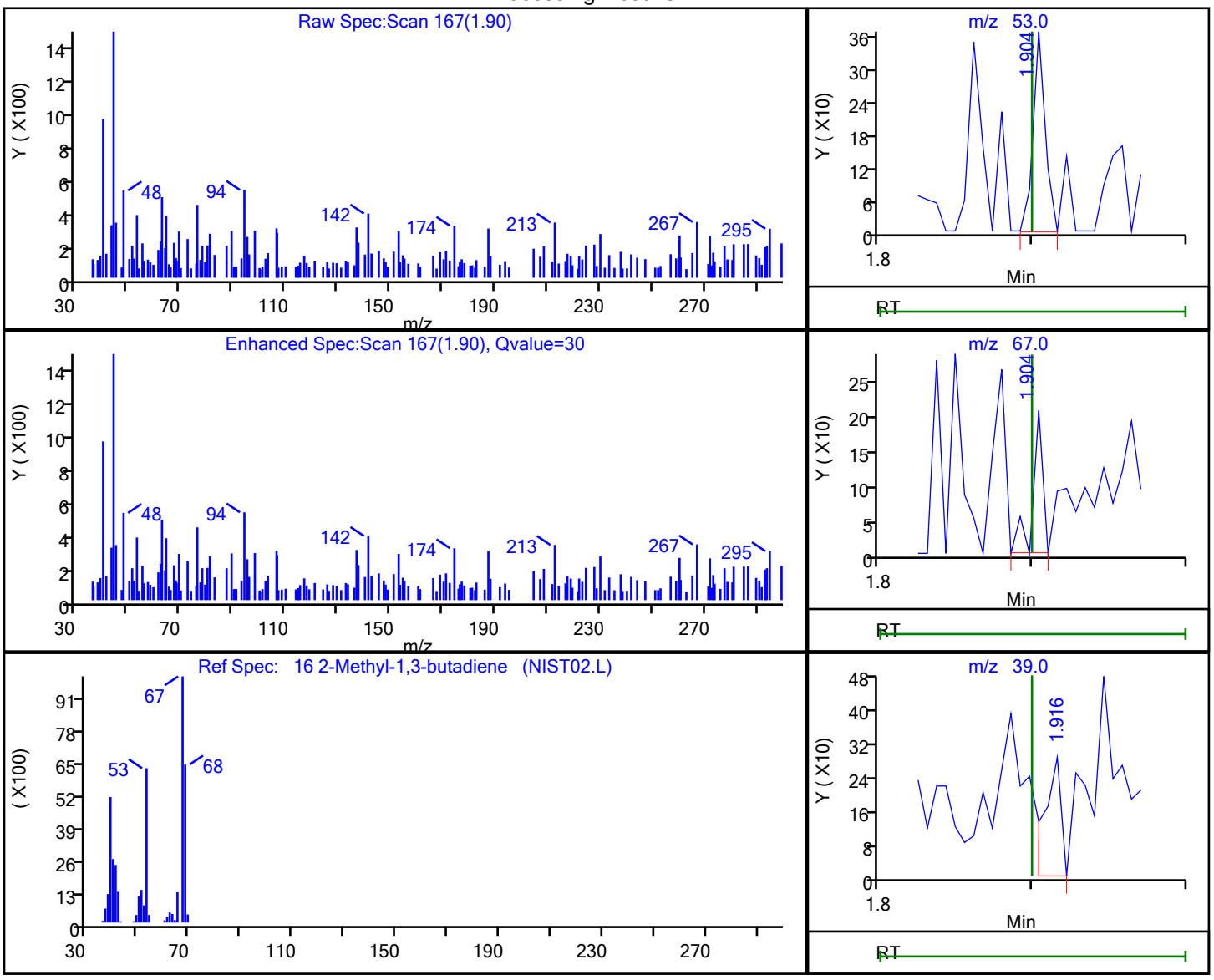
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.90	53.00	201	0.102059
1.90	67.00	93	
1.92	39.00	210	

Reviewer: HVW2, 14-Mar-2024 19:28:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

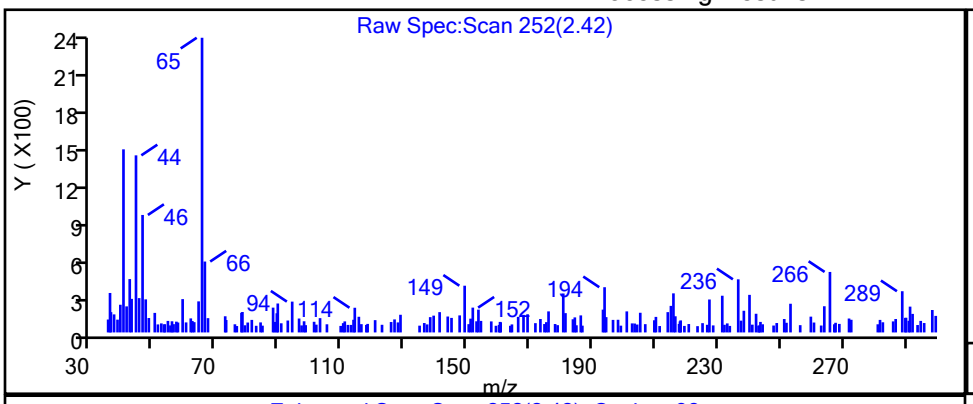
User Disabled Compound Report

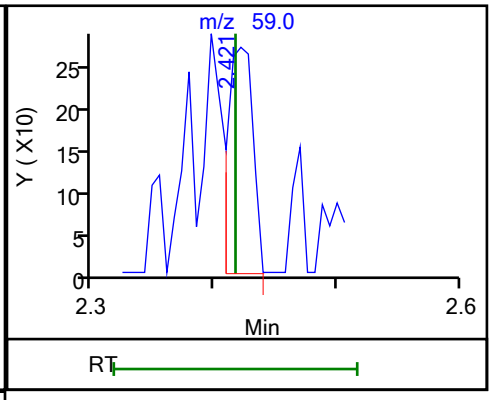
Eurofins Edison

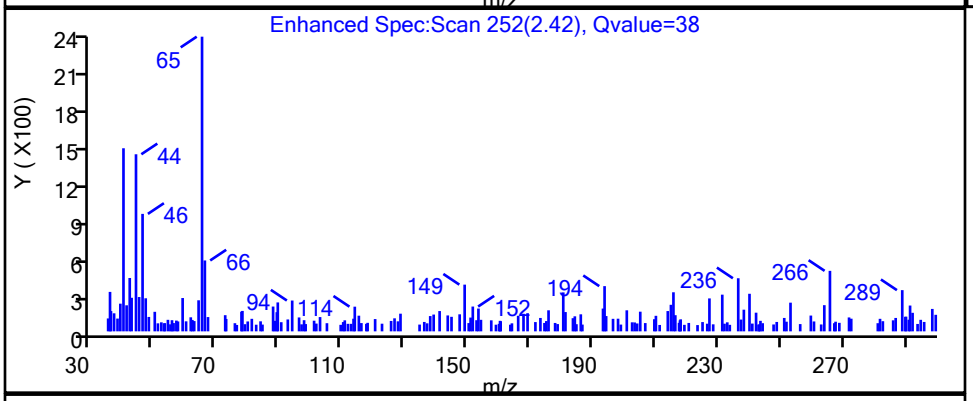
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

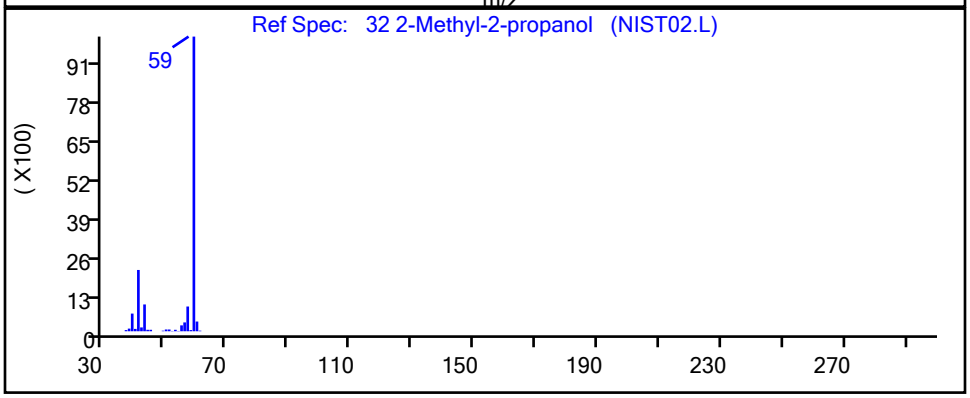
32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results









RT	Mass	Response	Amount
2.42	59.00	380	3.481614

Reviewer: HVW2, 14-Mar-2024 19:28:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

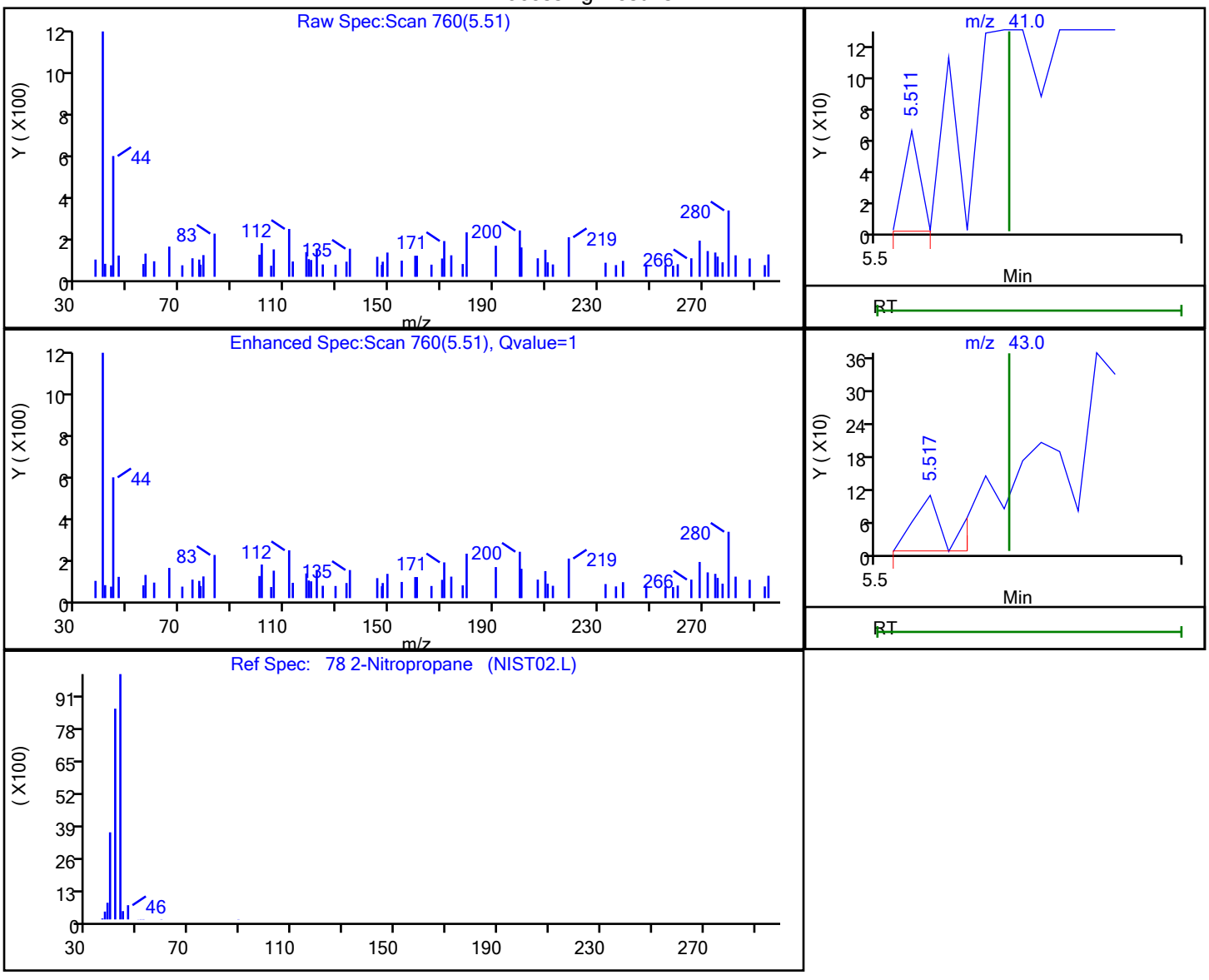
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
5.51	41.00	22	0.033359
5.52	43.00	81	

Reviewer: HVW2, 14-Mar-2024 19:29:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

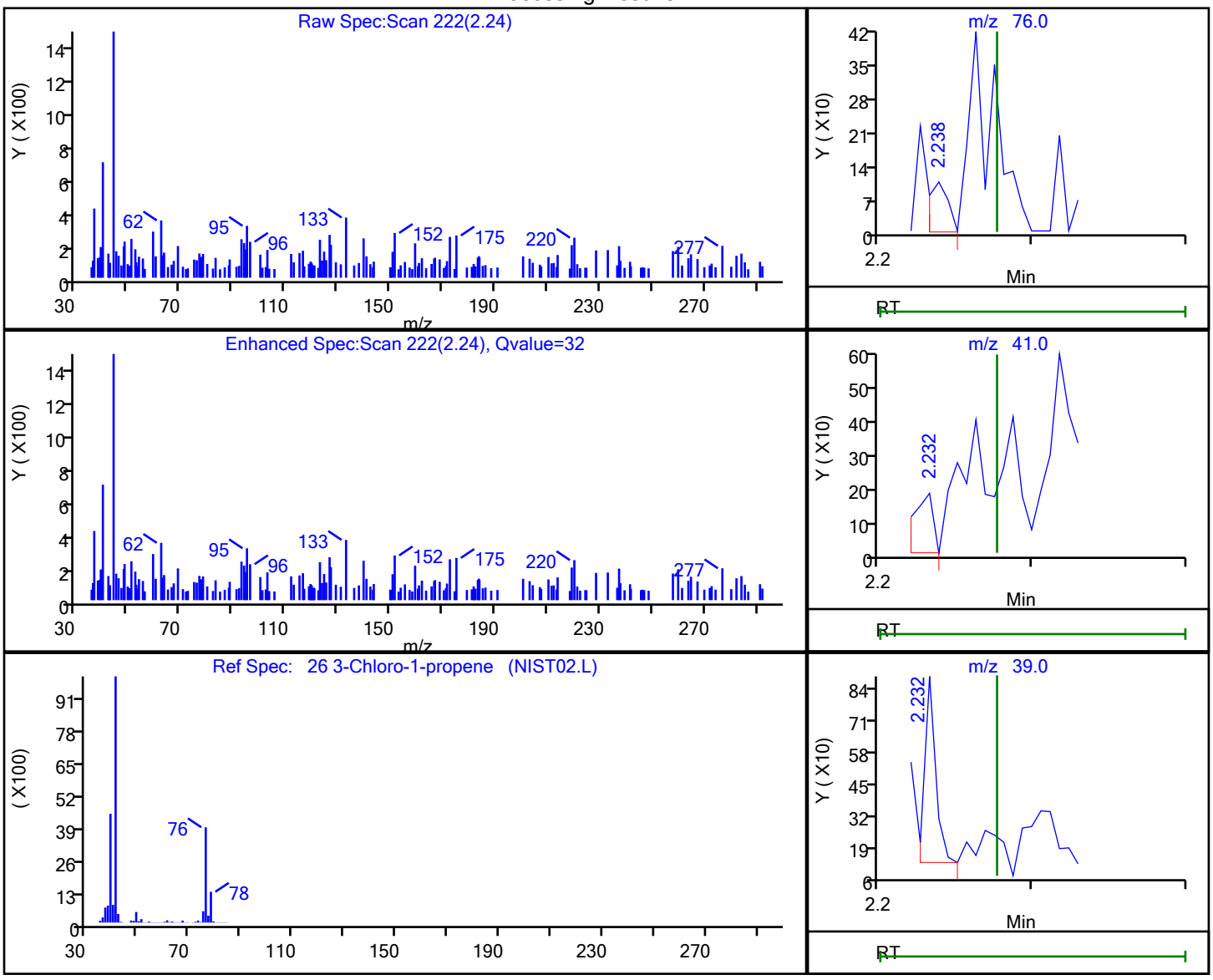
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.24	76.00	89	0.063753
2.23	41.00	156	
2.23	39.00	383	

Reviewer: HVW2, 14-Mar-2024 19:28:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

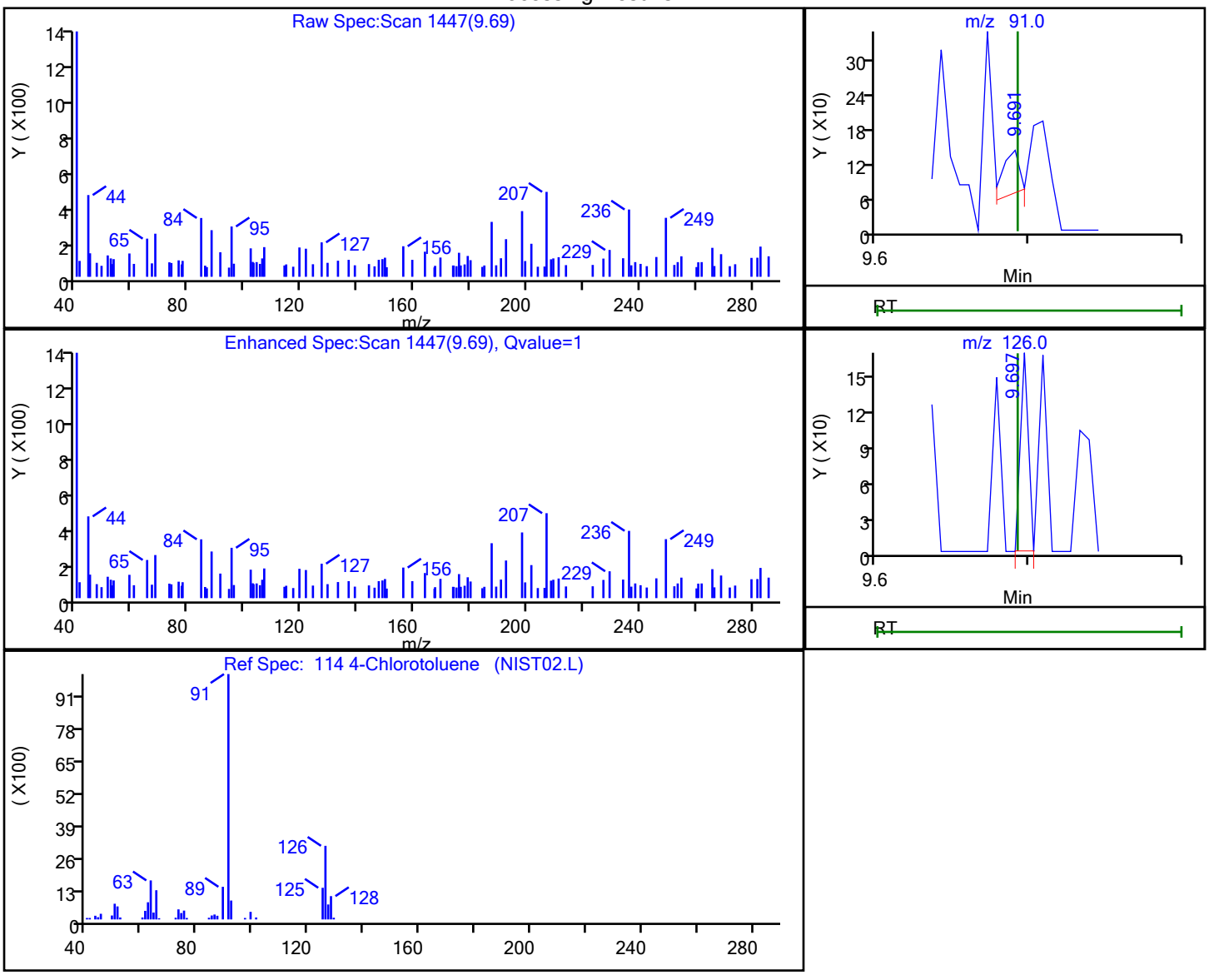
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

114 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
9.69	91.00	57	0.007167
9.70	126.00	62	

Reviewer: HVW2, 14-Mar-2024 19:30:47 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

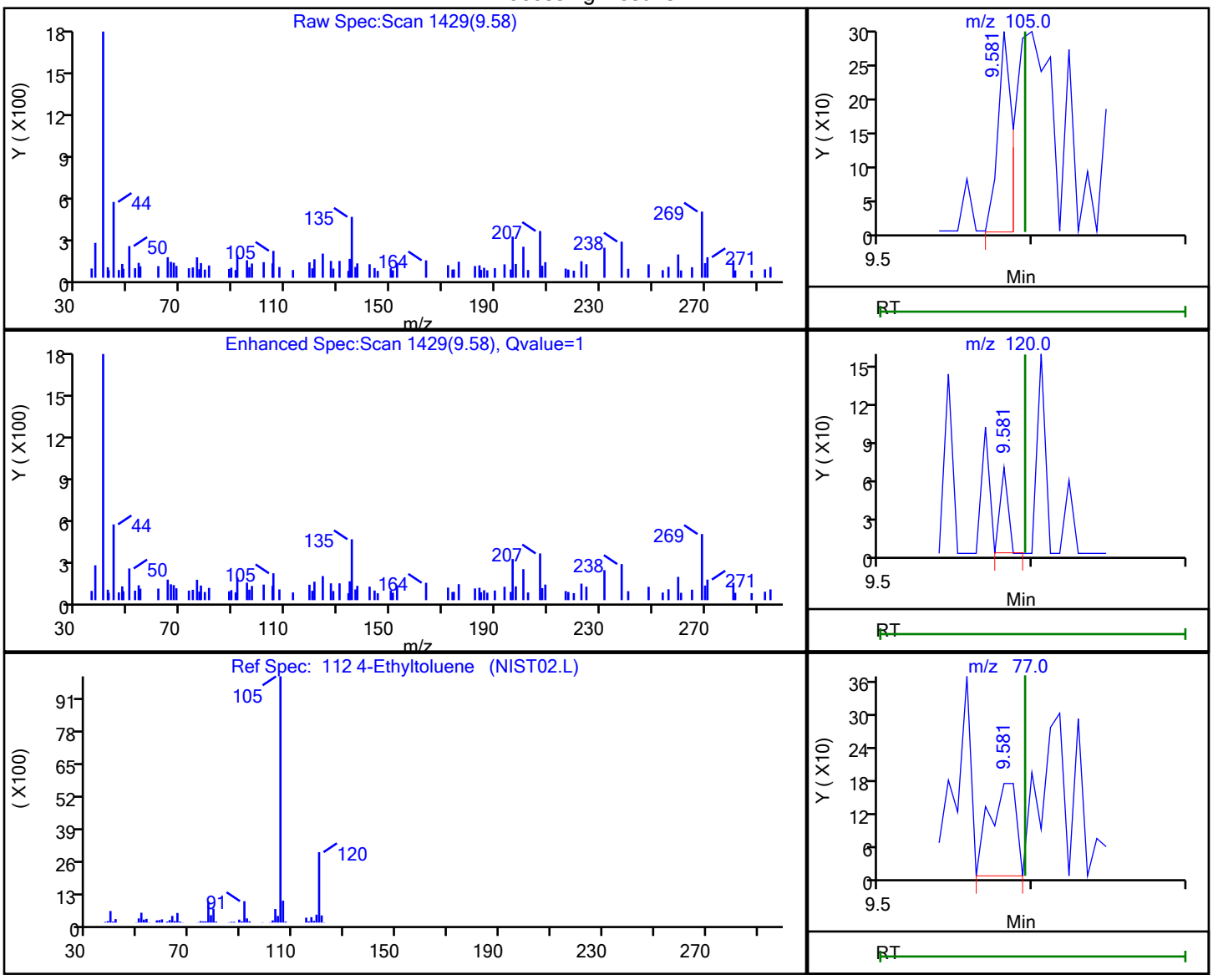
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.58	105.00	193	0.020631
9.58	120.00	25	
9.58	77.00	202	

Reviewer: HVW2, 14-Mar-2024 19:30:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

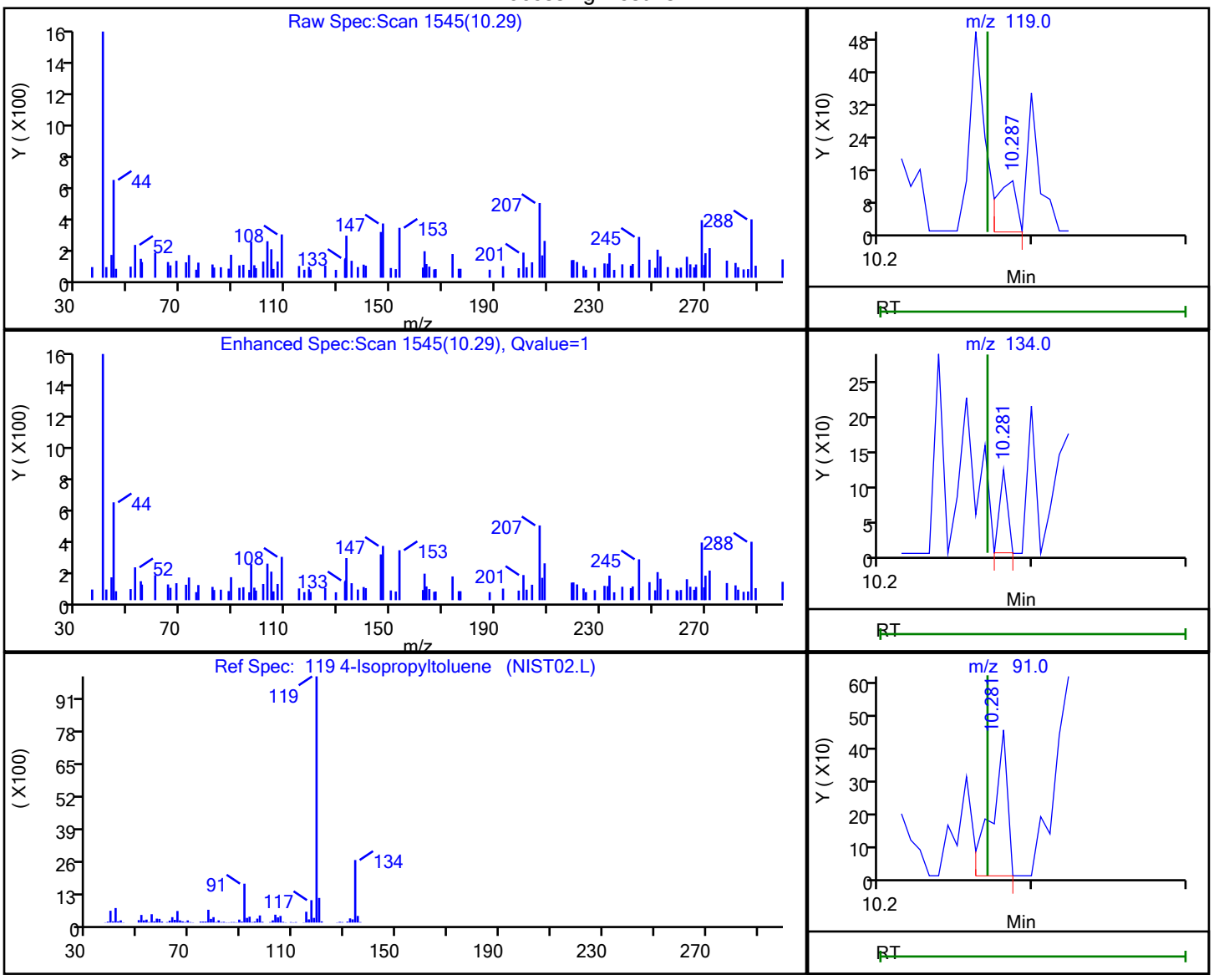
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.29	119.00	113	0.014774
10.28	134.00	43	
10.28	91.00	313	

Reviewer: HVW2, 14-Mar-2024 19:31:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

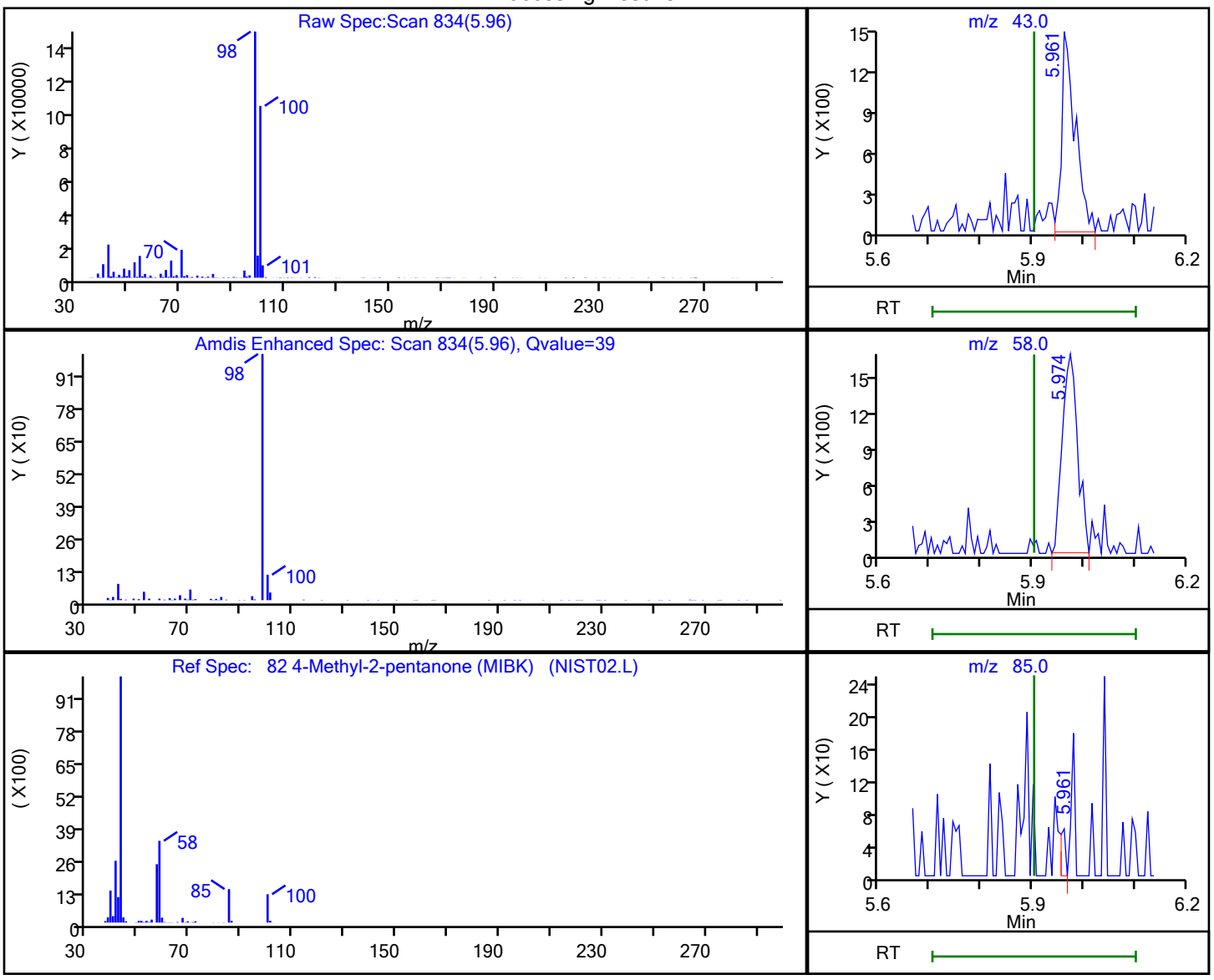
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.96	43.00	2716	1.453395
5.97	58.00	3533	
5.96	85.00	39	
5.97	100.00	327001	

Reviewer: HVW2, 14-Mar-2024 19:30:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

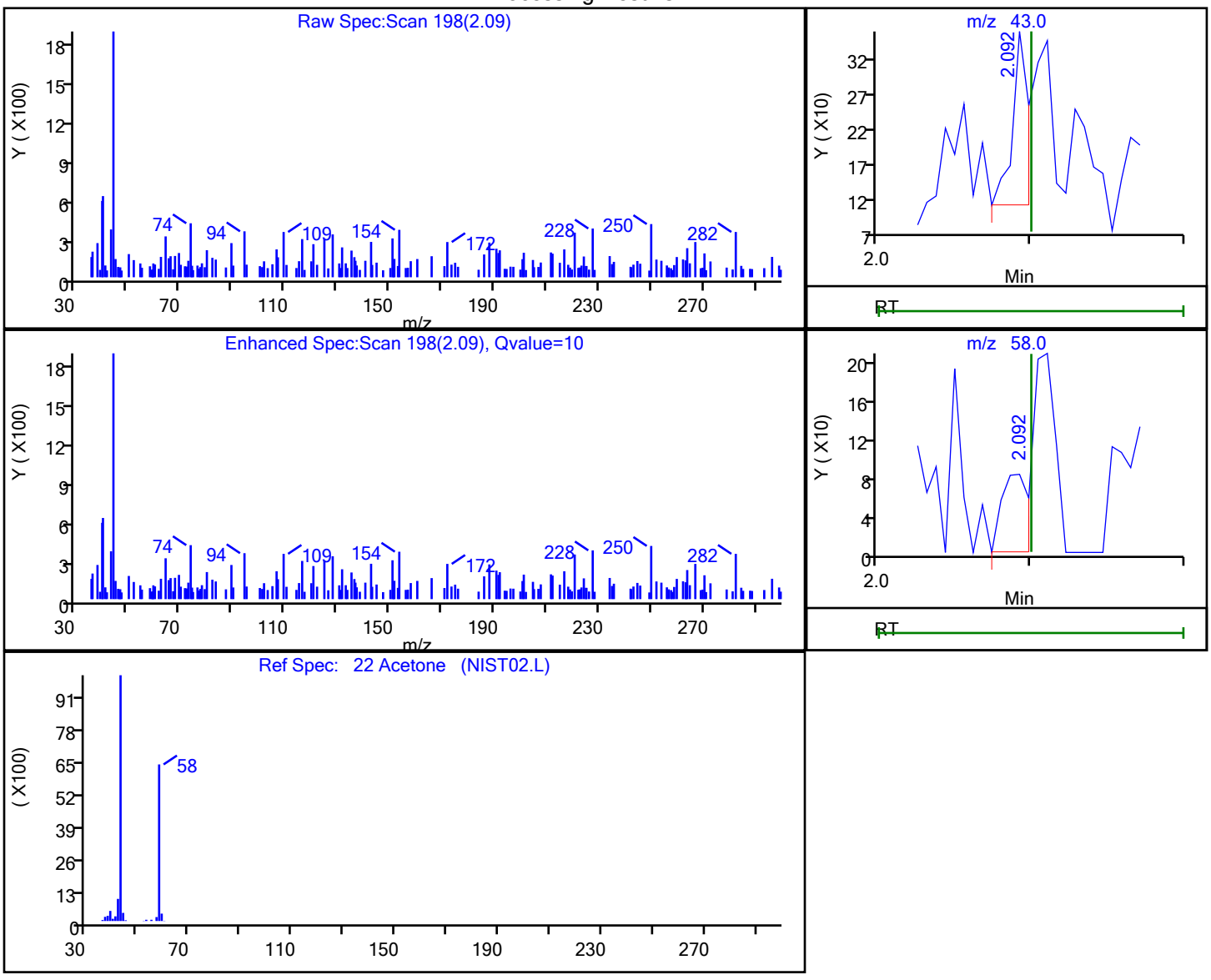
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.09	43.00	175	0.287361
2.09	58.00	100	

Reviewer: HVW2, 14-Mar-2024 19:28:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

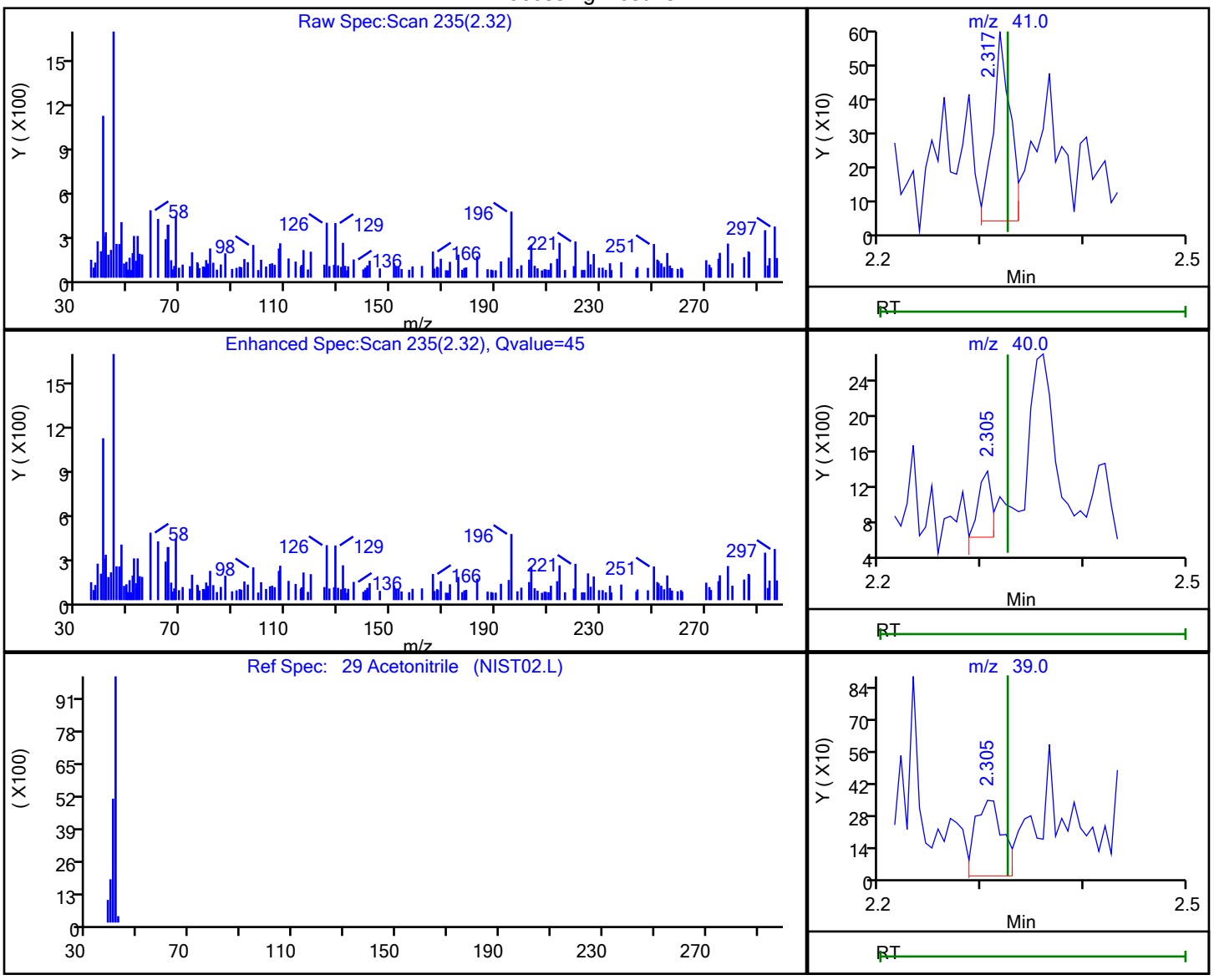
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.32	41.00	666	2.496826
2.31	40.00	631	
2.31	39.00	638	
2.33	38.00	324	

Reviewer: HVW2, 14-Mar-2024 19:28:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

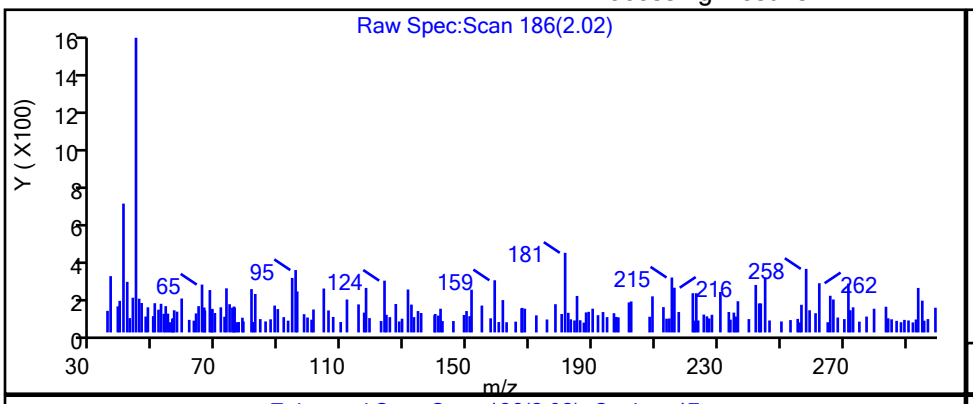
User Disabled Compound Report

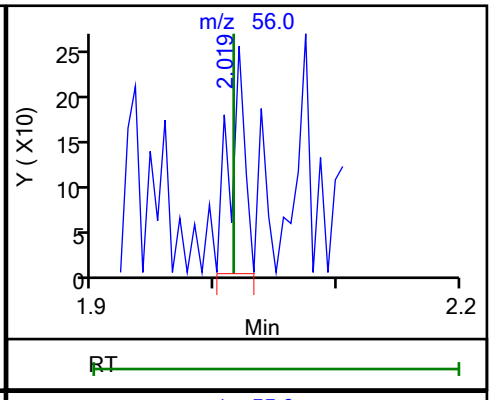
Eurofins Edison

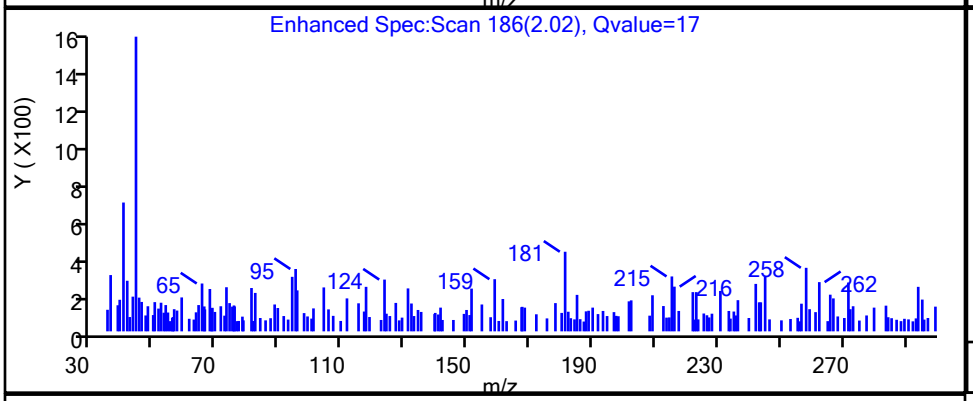
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

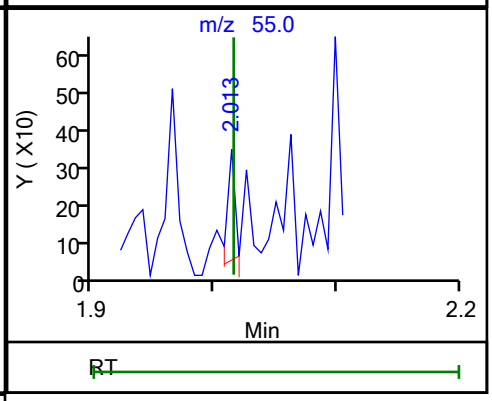
19 Acrolein, CAS: 107-02-8

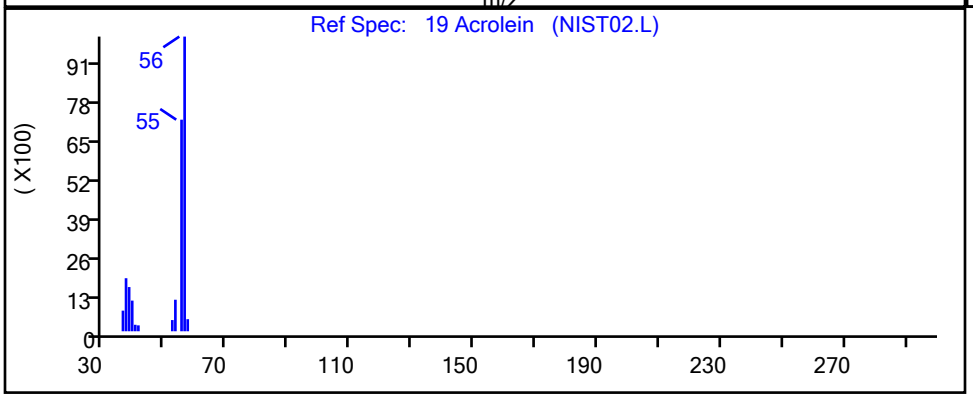
Processing Results











RT	Mass	Response	Amount
2.02	56.00	217	0.609565
2.01	55.00	127	

Reviewer: HVW2, 14-Mar-2024 19:28:33 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

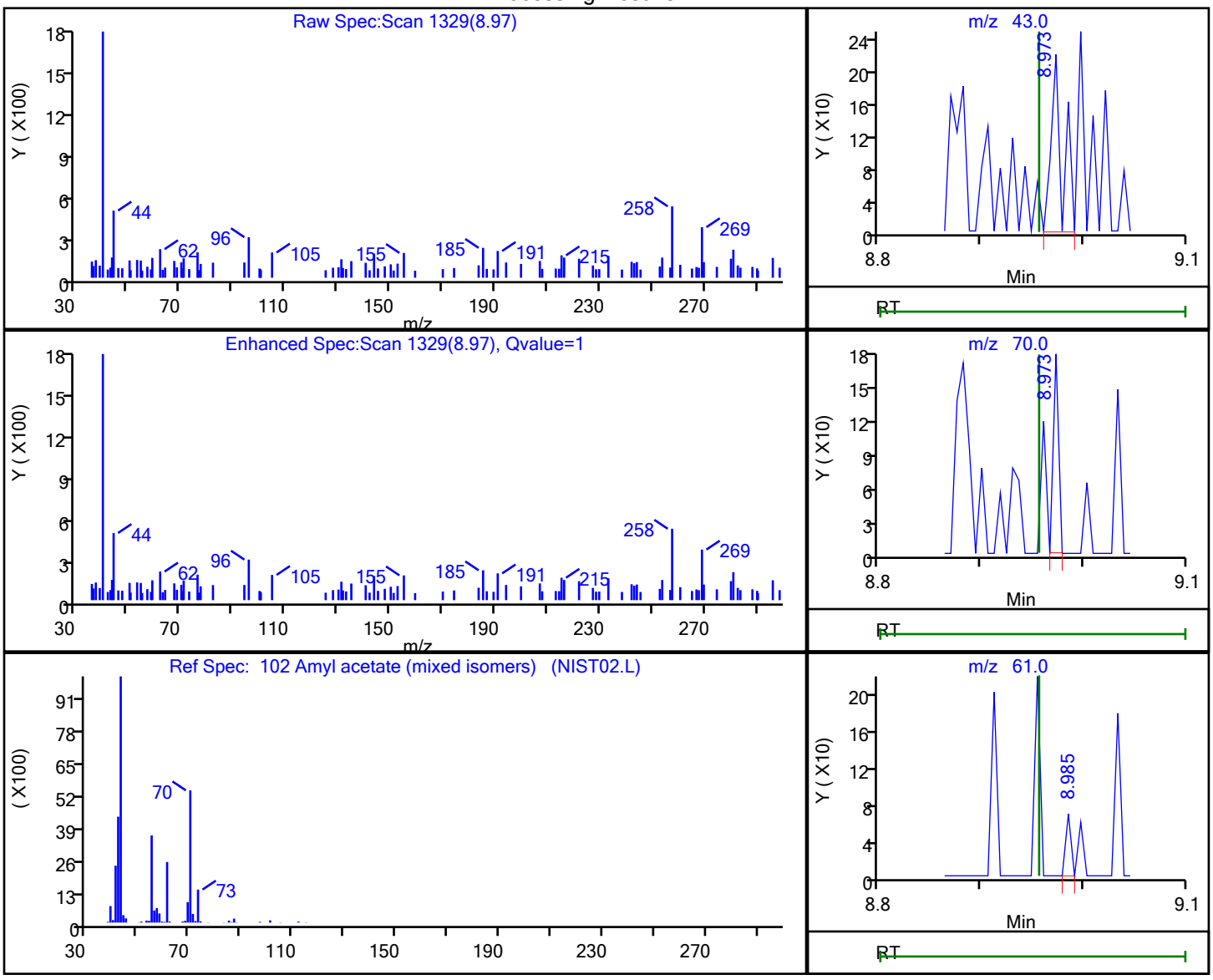
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.97	43.00	167	0.048197
8.97	70.00	64	
8.98	61.00	24	

Reviewer: HVW2, 14-Mar-2024 19:30:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

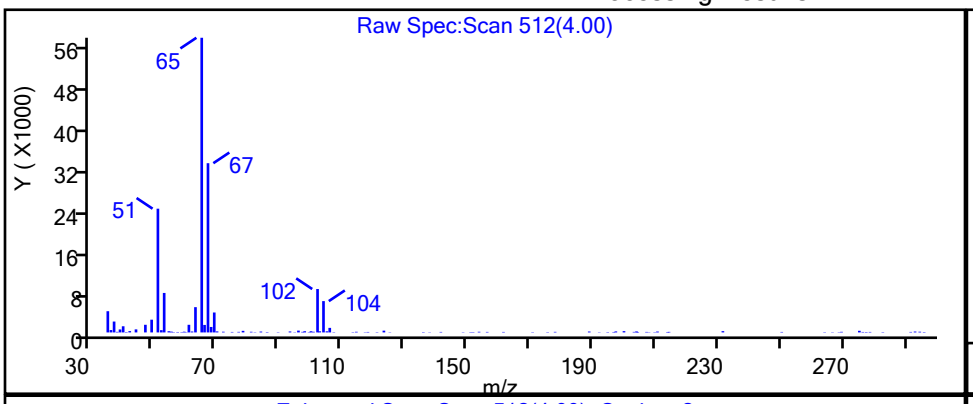
User Disabled Compound Report

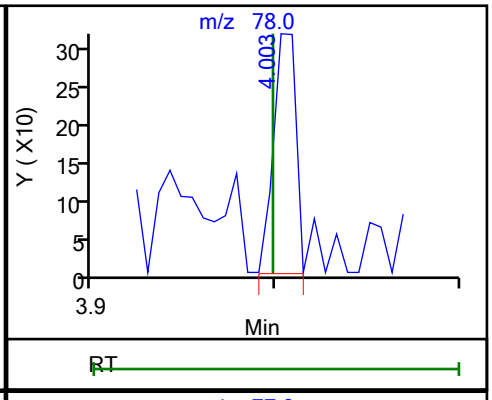
Eurofins Edison

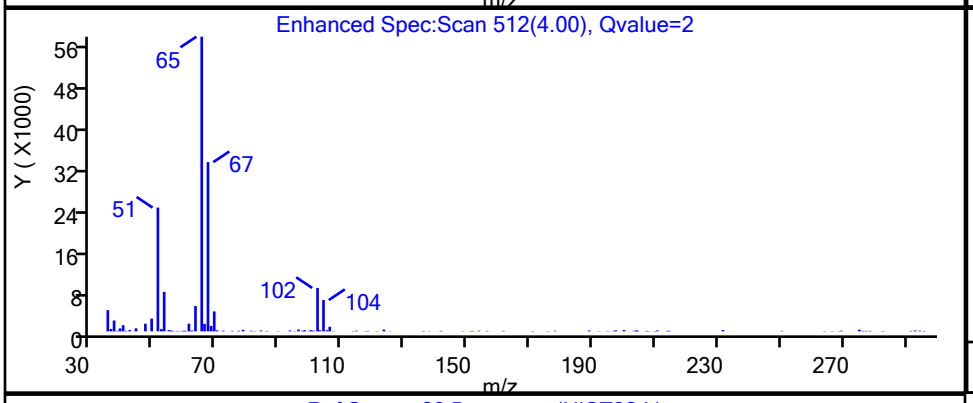
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

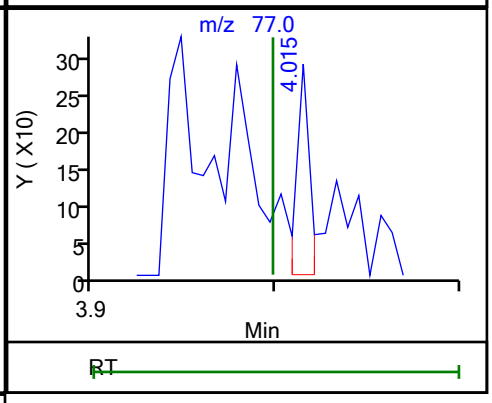
60 Benzene, CAS: 71-43-2

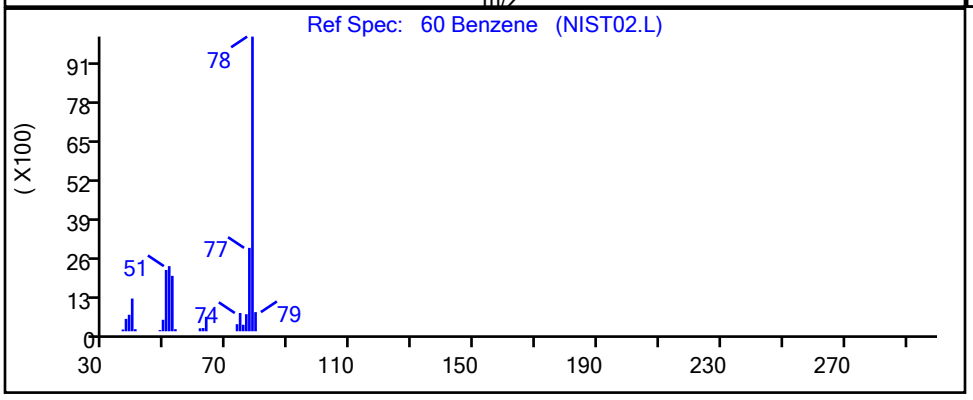
Processing Results











RT	Mass	Response	Amount
4.00	78.00	265	0.023291
4.01	77.00	144	

Reviewer: HVW2, 14-Mar-2024 19:29:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

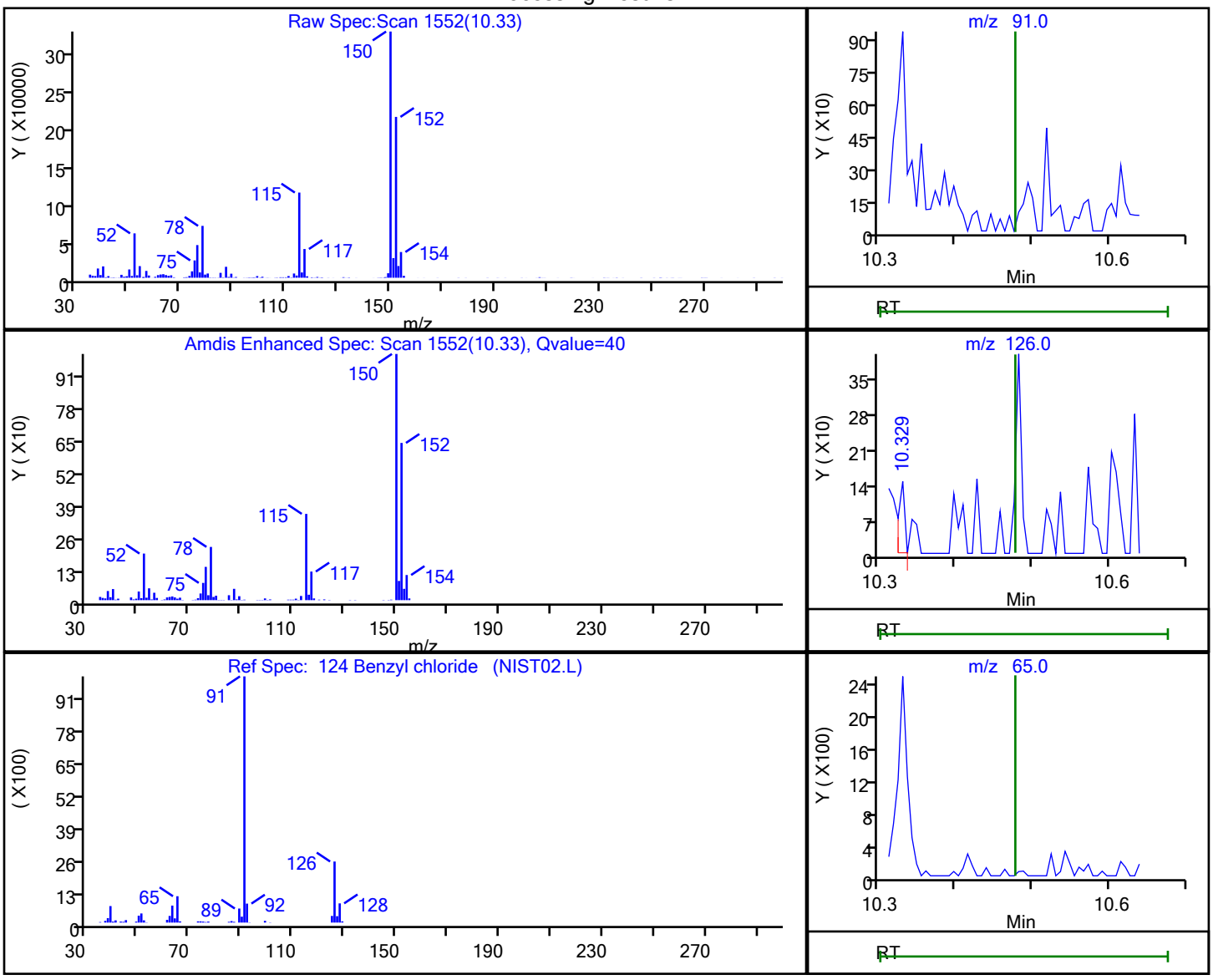
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.33	91.00	1095	0.414970
10.33	126.00	78	
10.33	65.00	2326	

Reviewer: HVW2, 14-Mar-2024 19:31:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

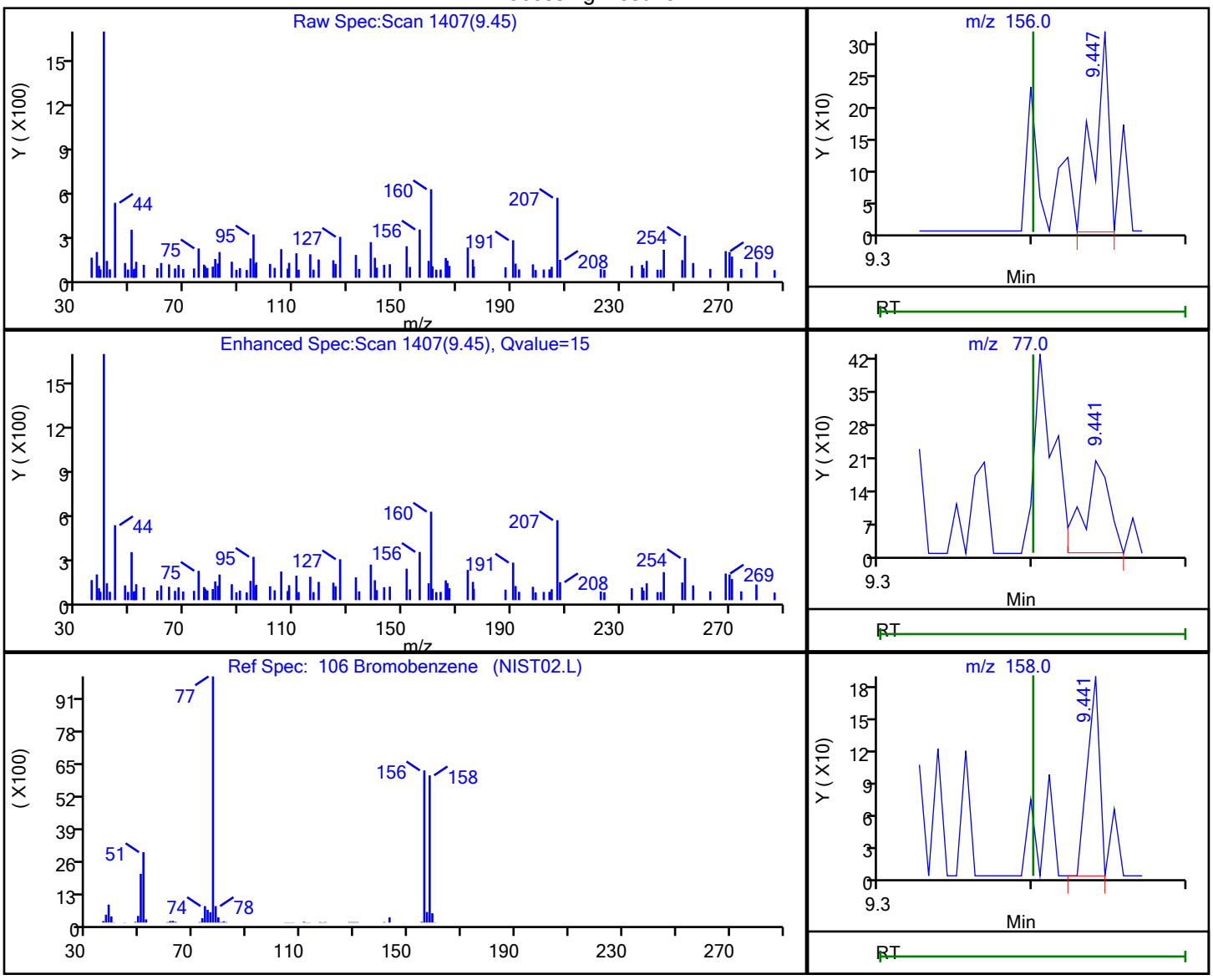
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.45	156.00	208	0.063999
9.44	77.00	230	
9.44	158.00	101	

Reviewer: HVW2, 14-Mar-2024 19:30:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

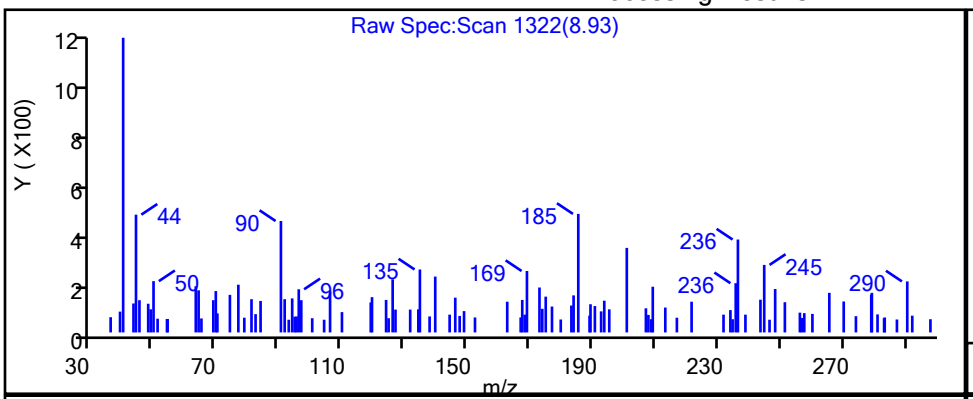
User Disabled Compound Report

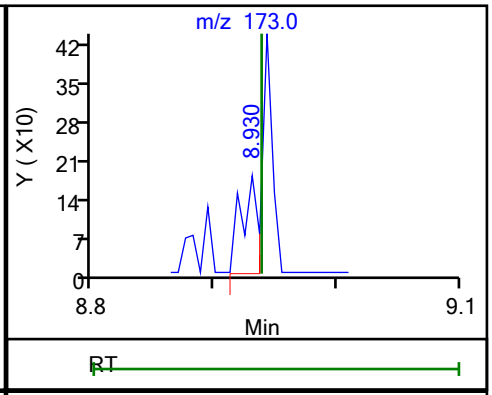
Eurofins Edison

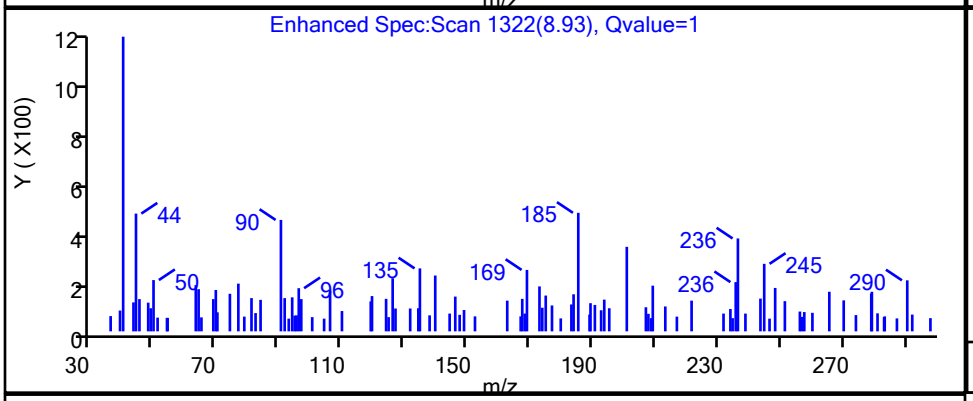
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

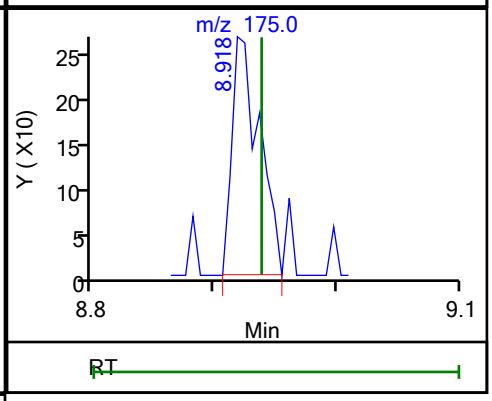
103 Bromoform, CAS: 75-25-2

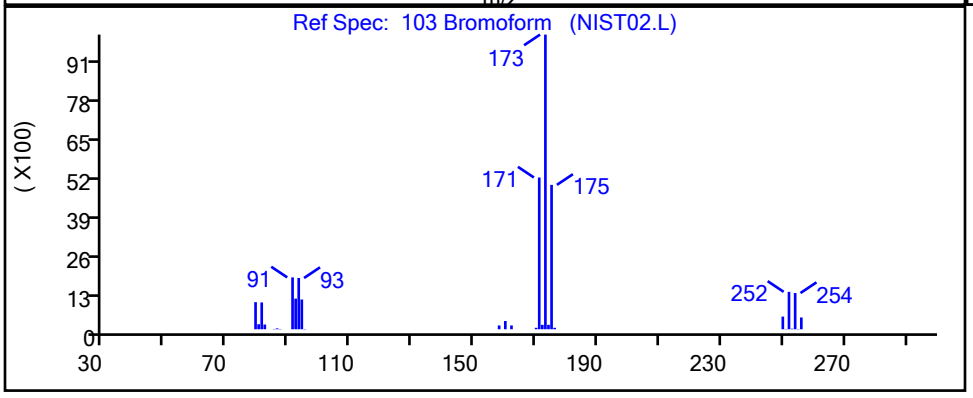
Processing Results











RT	Mass	Response	Amount
8.93	173.00	168	0.075660
8.92	175.00	416	

Reviewer: HVW2, 14-Mar-2024 19:30:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

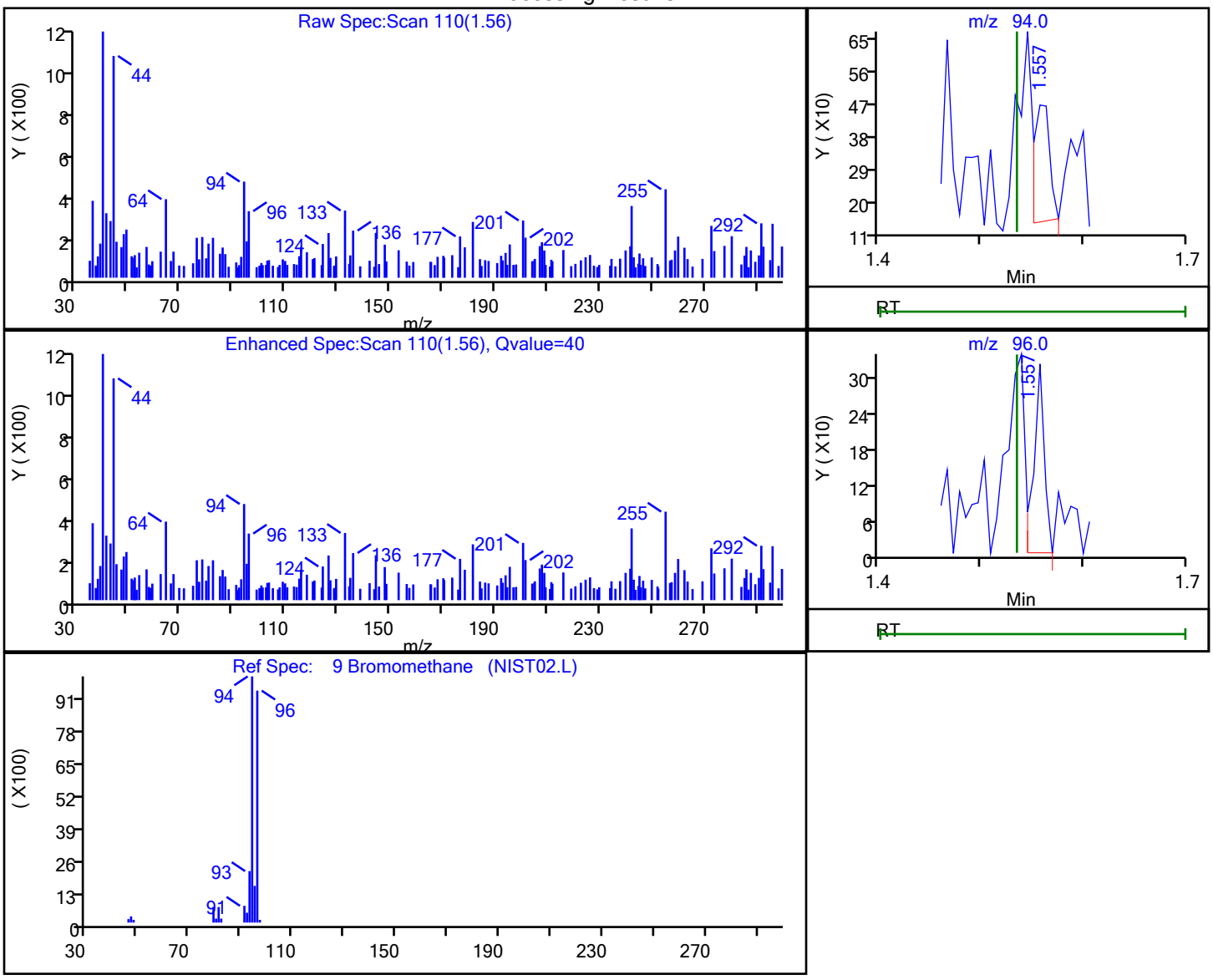
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.56	94.00	350	0.212968
1.56	96.00	232	

Reviewer: HVW2, 14-Mar-2024 19:28:18 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

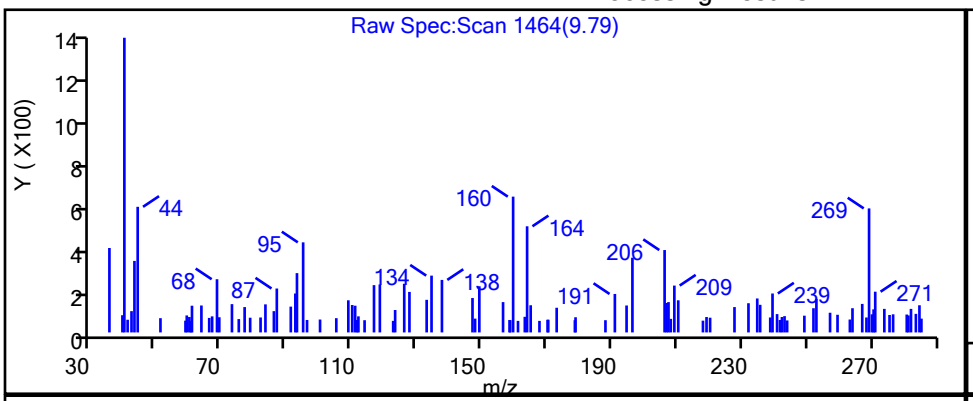
User Disabled Compound Report

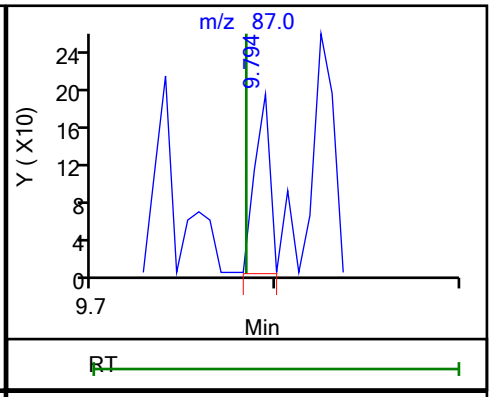
Eurofins Edison

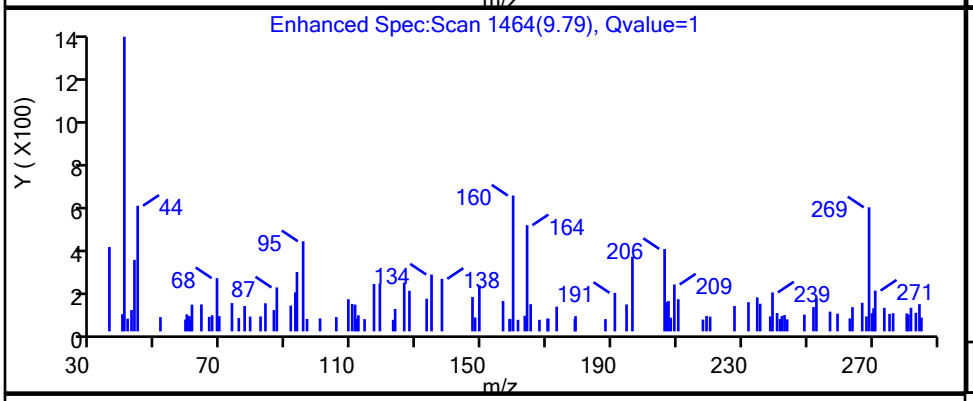
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

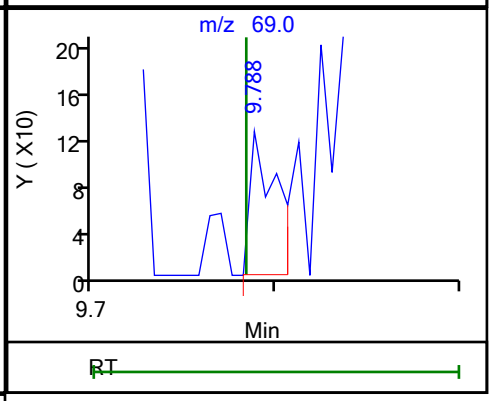
115 Butyl Methacrylate, CAS: 97-88-1

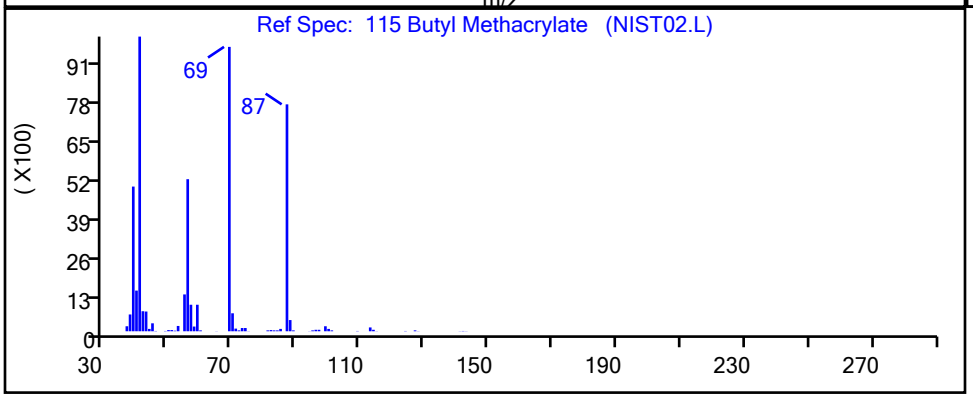
Processing Results











RT	Mass	Response	Amount
9.79	87.00	112	0.043680
9.79	69.00	123	

Reviewer: HVW2, 14-Mar-2024 19:30:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

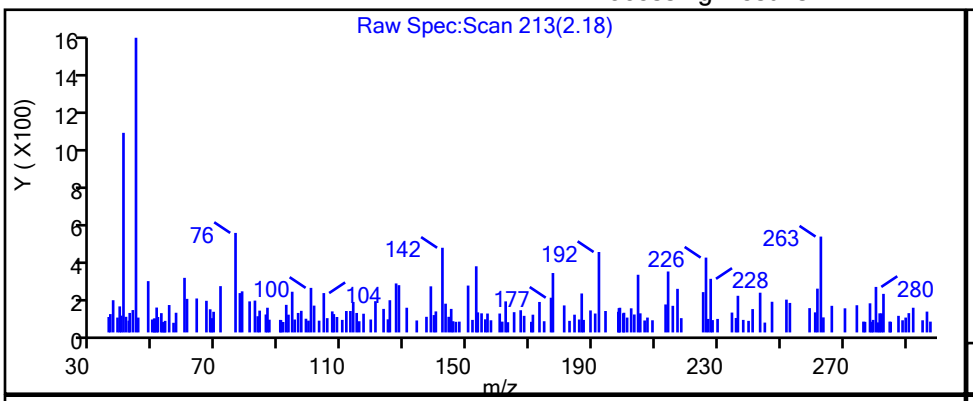
User Disabled Compound Report

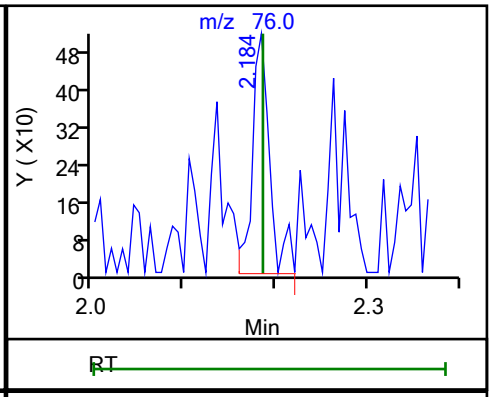
Eurofins Edison

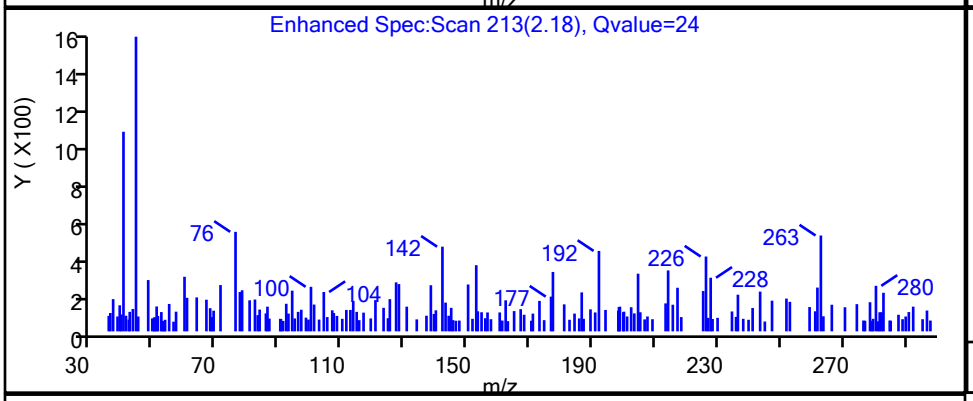
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

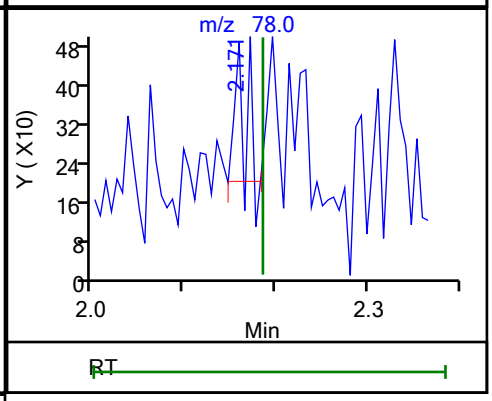
24 Carbon disulfide, CAS: 75-15-0

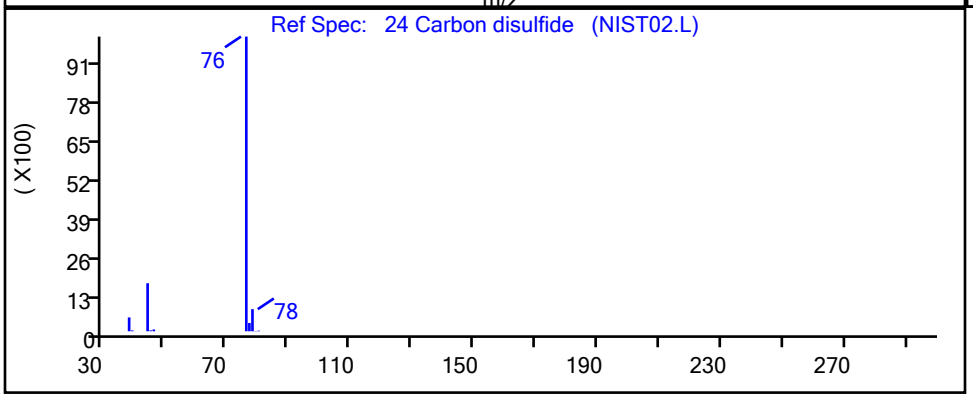
Processing Results











RT	Mass	Response	Amount
2.18	76.00	672	0.082409
2.17	78.00	216	

Reviewer: HVW2, 14-Mar-2024 19:28:42 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

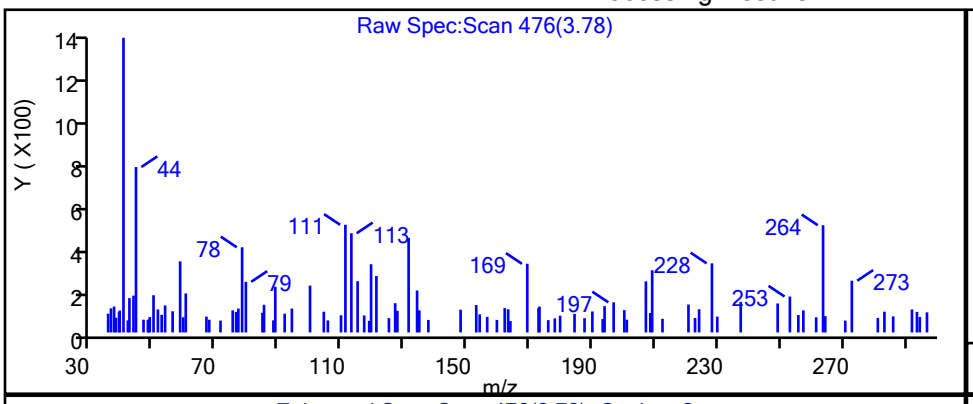
User Disabled Compound Report

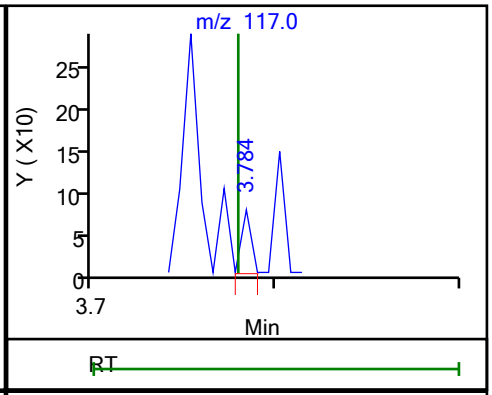
Eurofins Edison

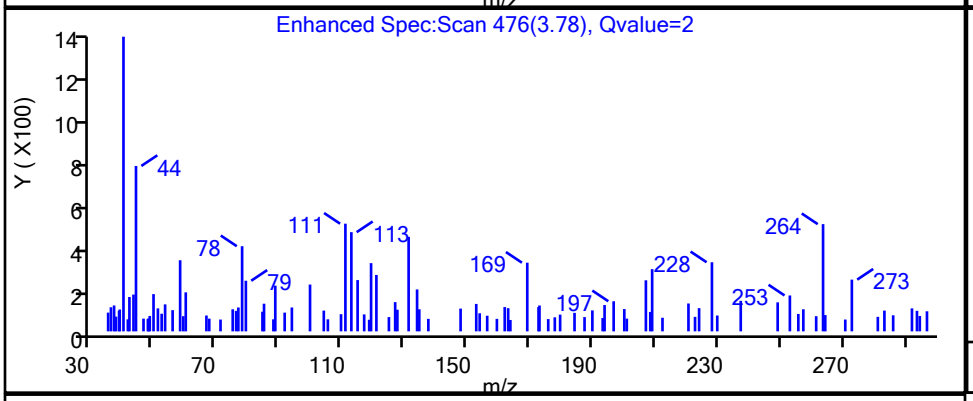
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

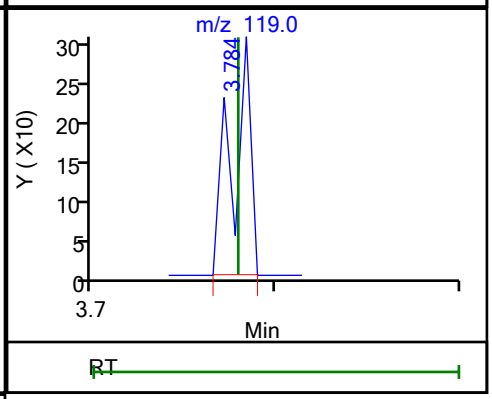
56 Carbon tetrachloride, CAS: 56-23-5

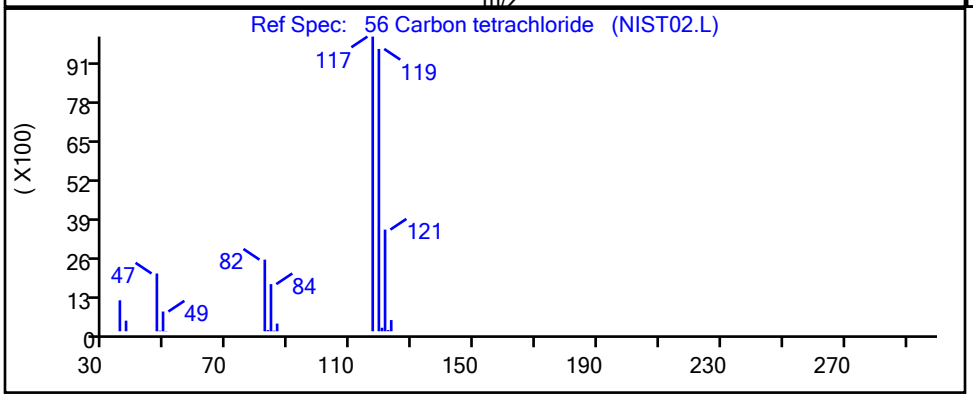
Processing Results











RT	Mass	Response	Amount
3.78	117.00	28	0.007637
3.78	119.00	214	

Reviewer: HVW2, 14-Mar-2024 19:29:18 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

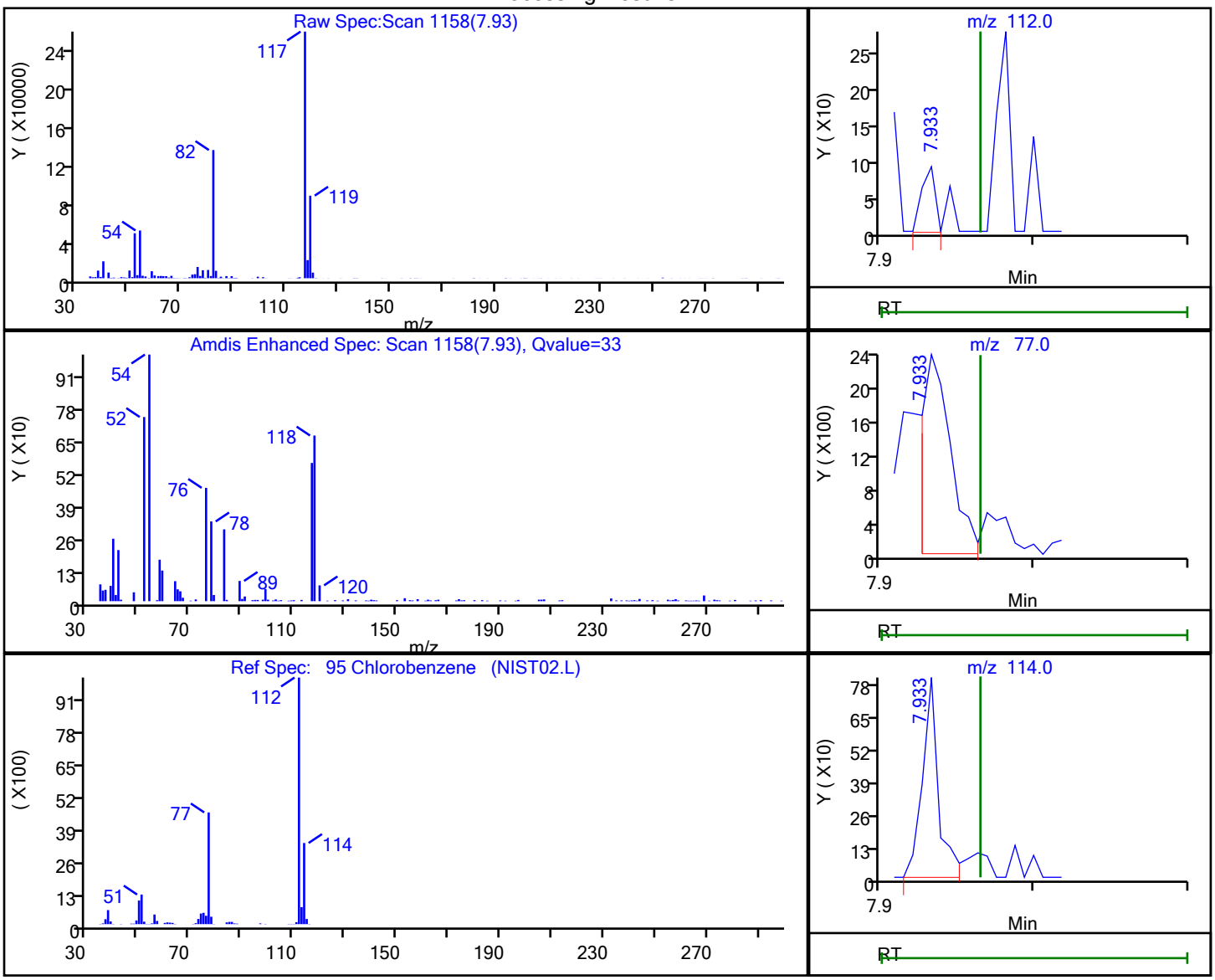
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
7.93	112.00	55	0.007387
7.93	77.00	3003	
7.93	114.00	585	

Reviewer: HVW2, 14-Mar-2024 19:30:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

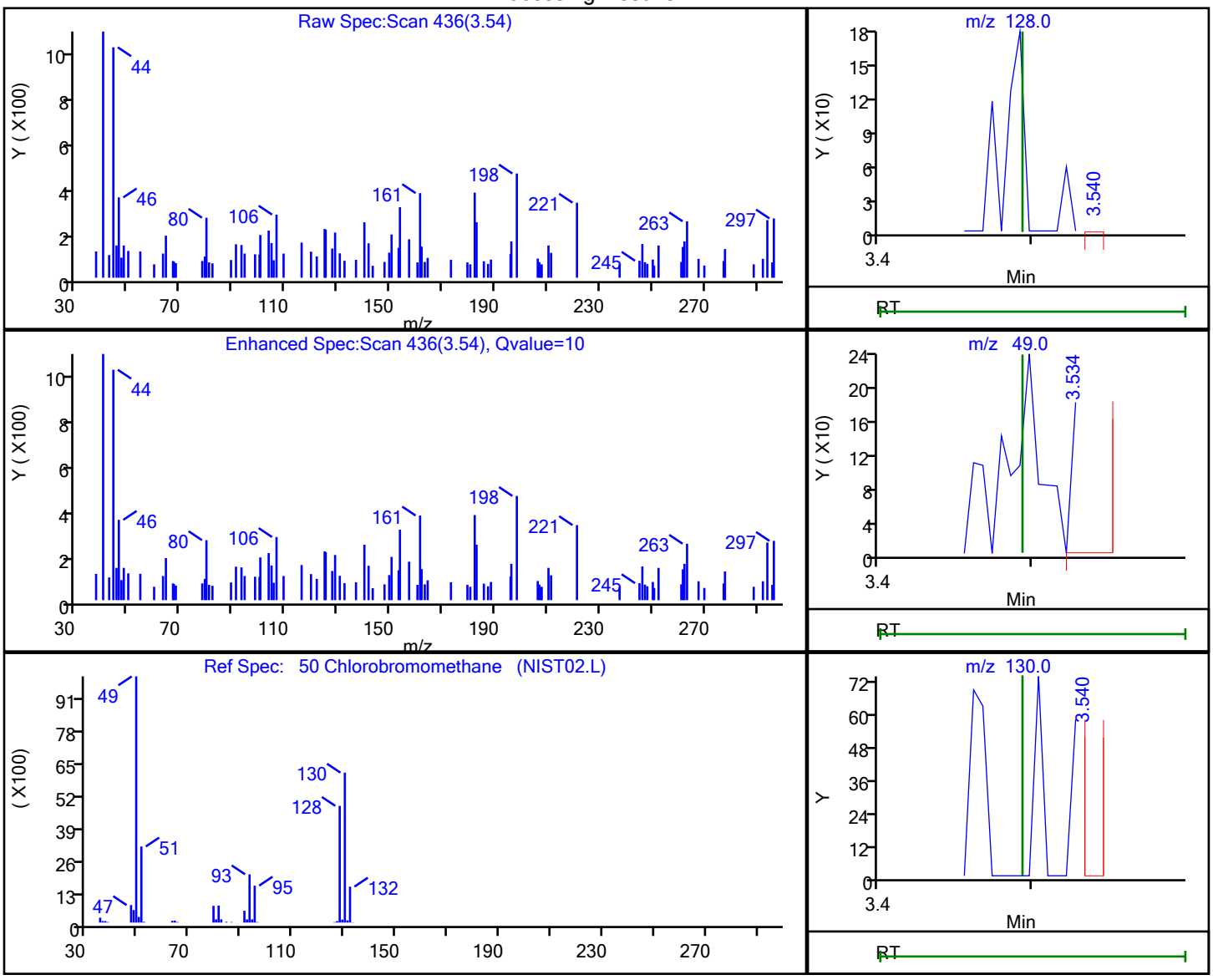
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
3.54	128.00	45	0.028967
3.53	49.00	170	
3.54	130.00	37	

Reviewer: HVW2, 14-Mar-2024 19:29:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

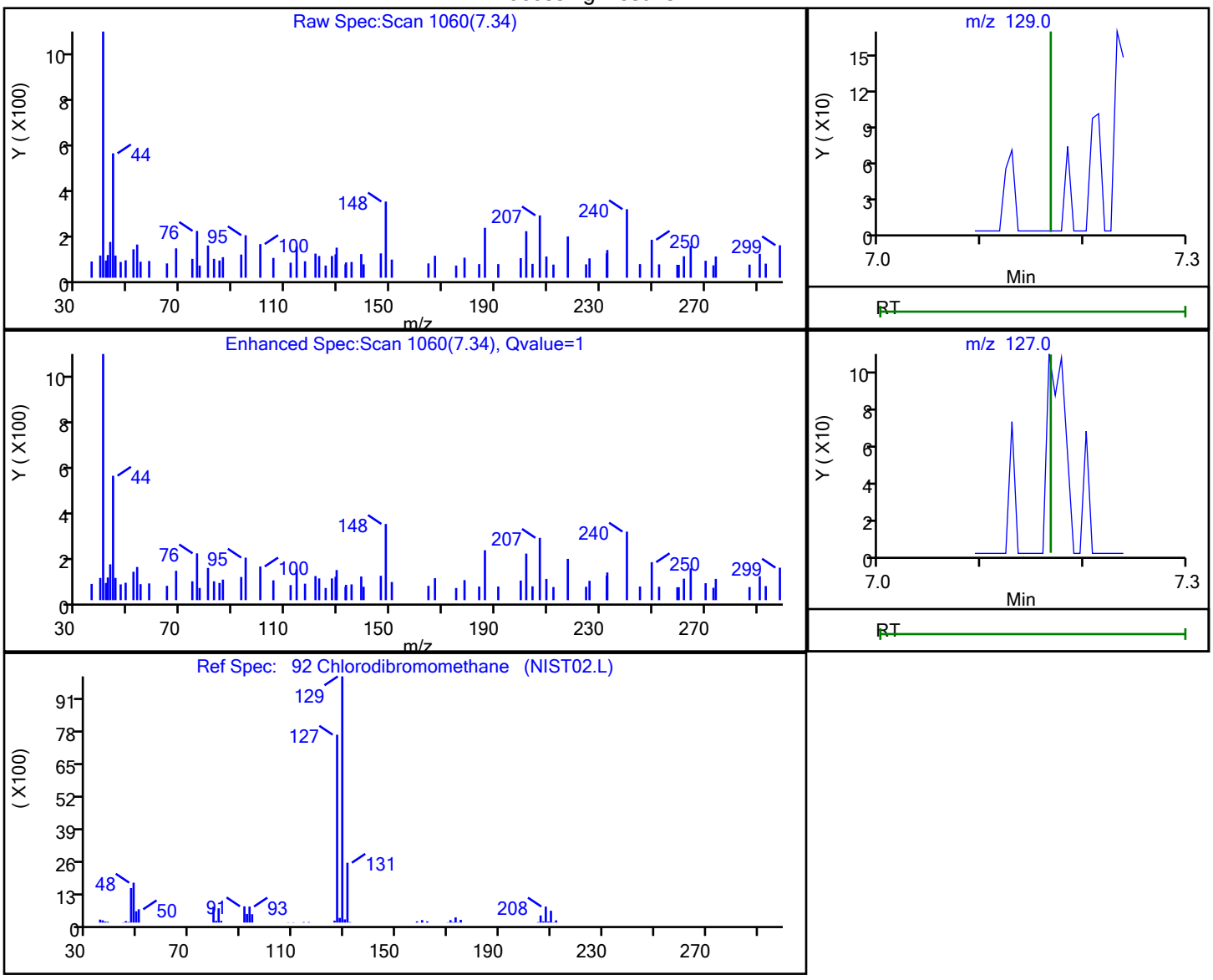
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

92 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
7.34	129.00	178	0.054954
7.34	127.00	33	

Reviewer: HVW2, 14-Mar-2024 19:30:25 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

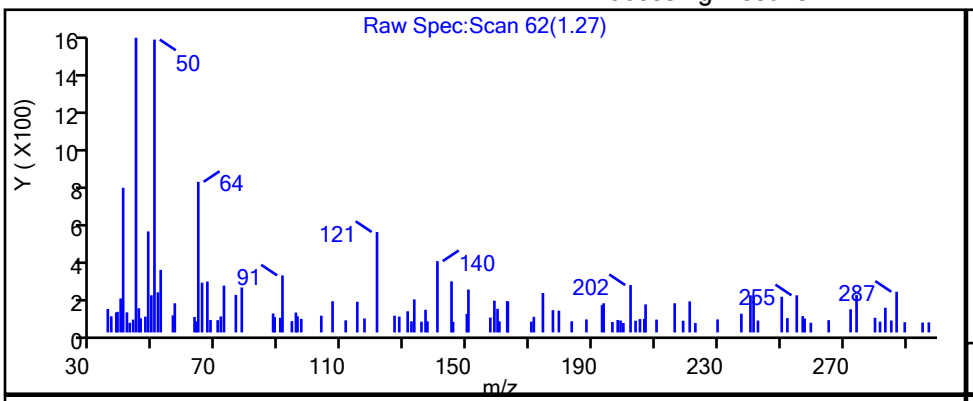
User Disabled Compound Report

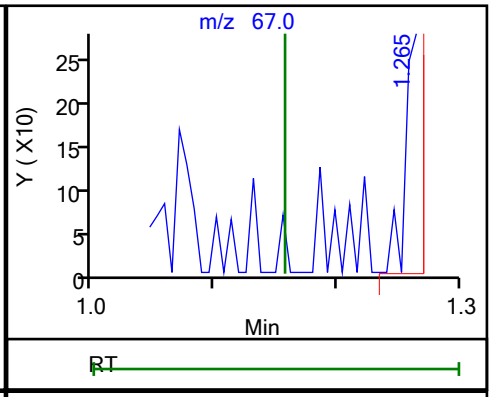
Eurofins Edison

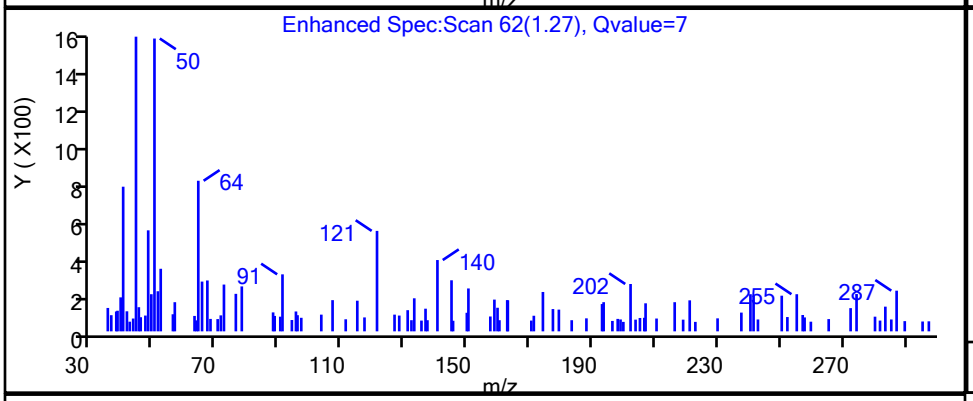
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

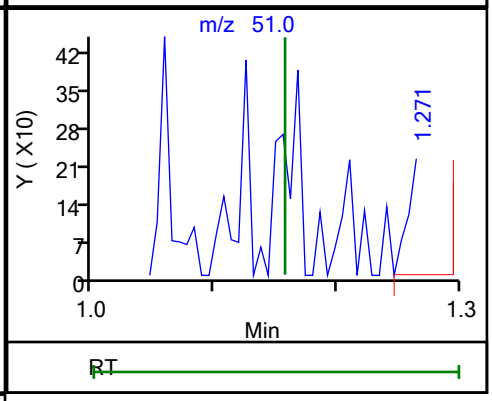
5 Chlorodifluoromethane, CAS: 75-45-6

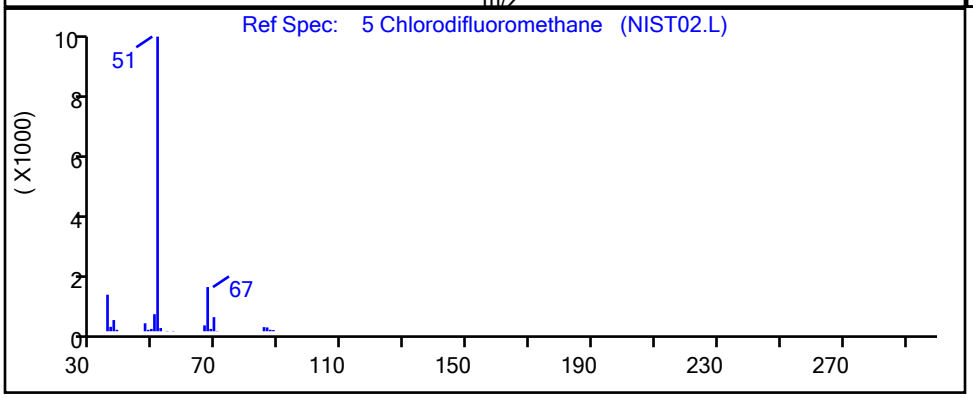
Processing Results











RT	Mass	Response	Amount
1.27	67.00	215	0.410523
1.27	51.00	324	

Reviewer: HVW2, 14-Mar-2024 19:28:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

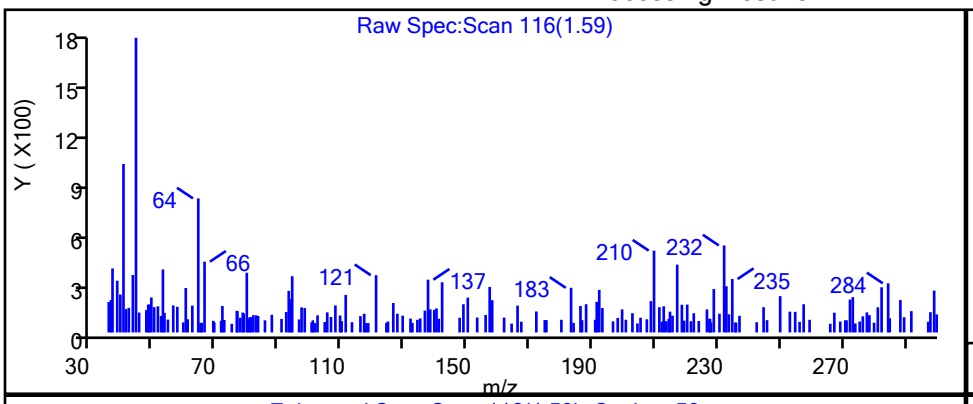
User Disabled Compound Report

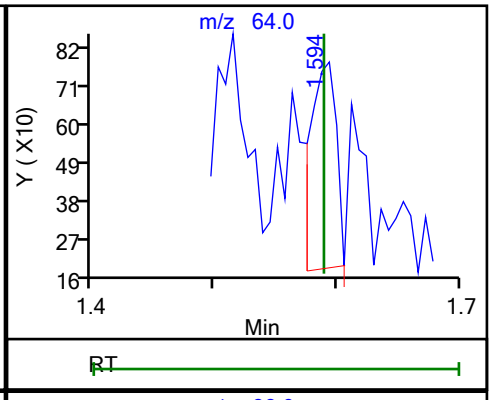
Eurofins Edison

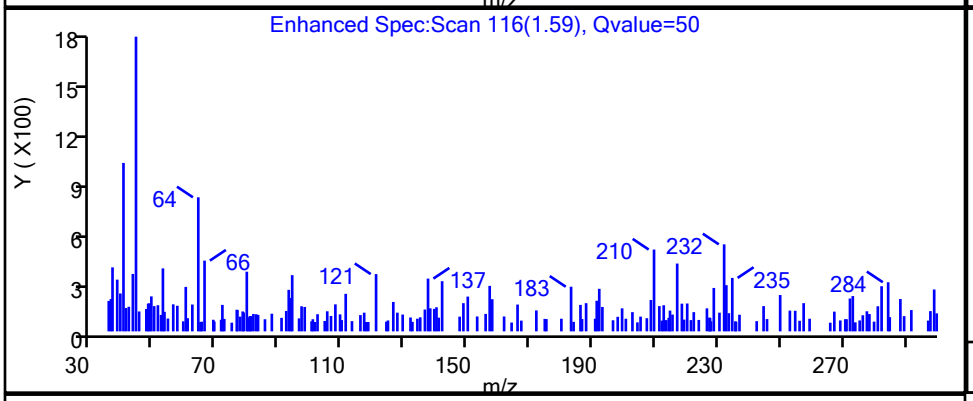
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

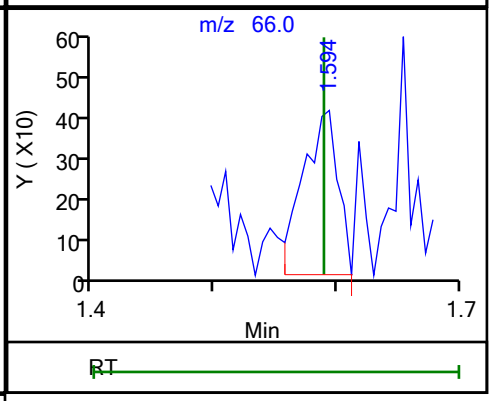
10 Chloroethane, CAS: 75-00-3

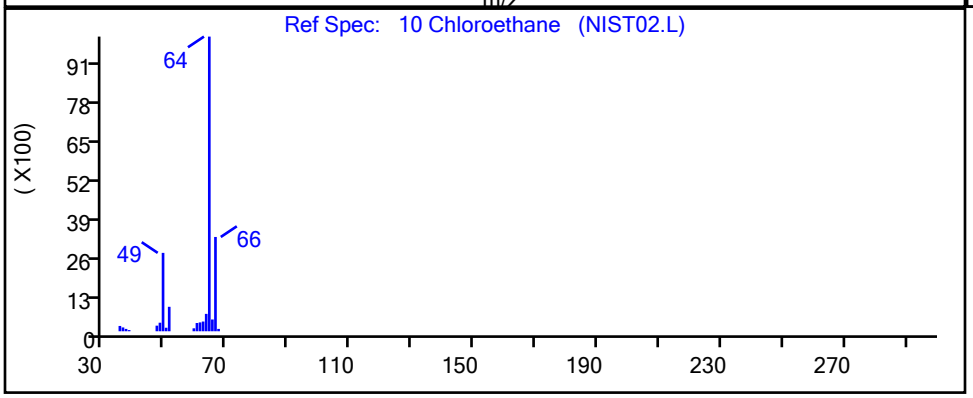
Processing Results











RT	Mass	Response	Amount
1.59	64.00	883	0.733927
1.59	66.00	825	

Reviewer: HVW2, 14-Mar-2024 19:28:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

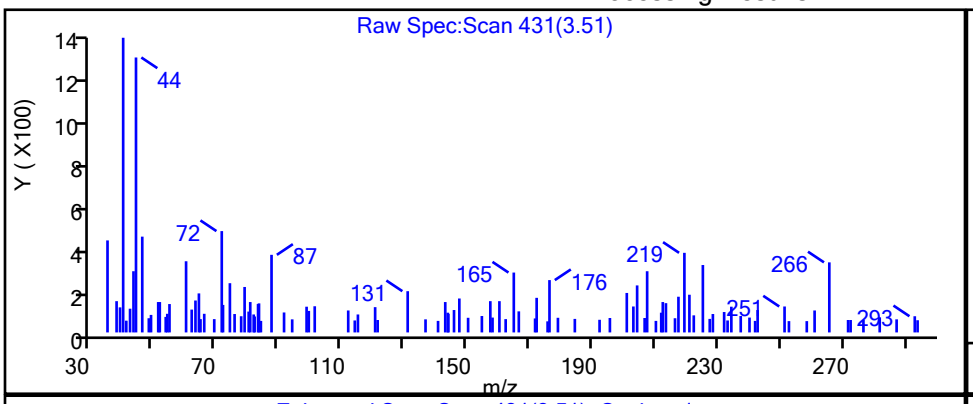
User Disabled Compound Report

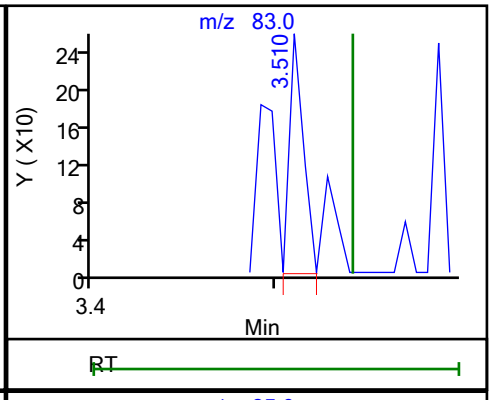
Eurofins Edison

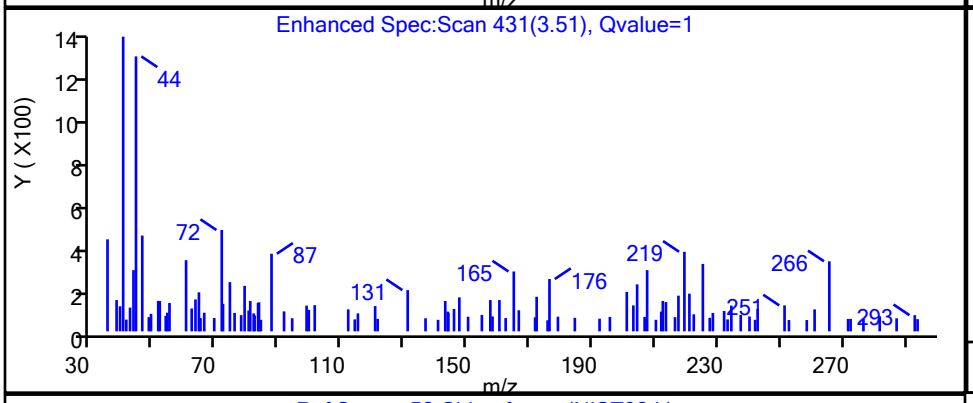
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

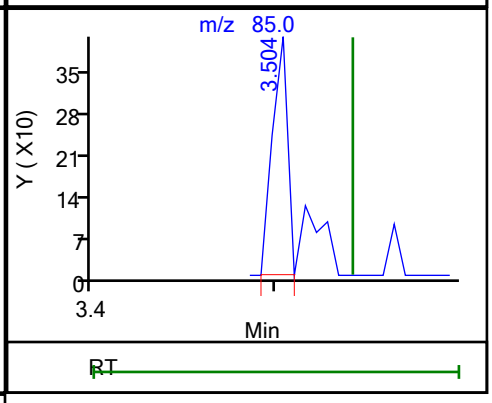
52 Chloroform, CAS: 67-66-3

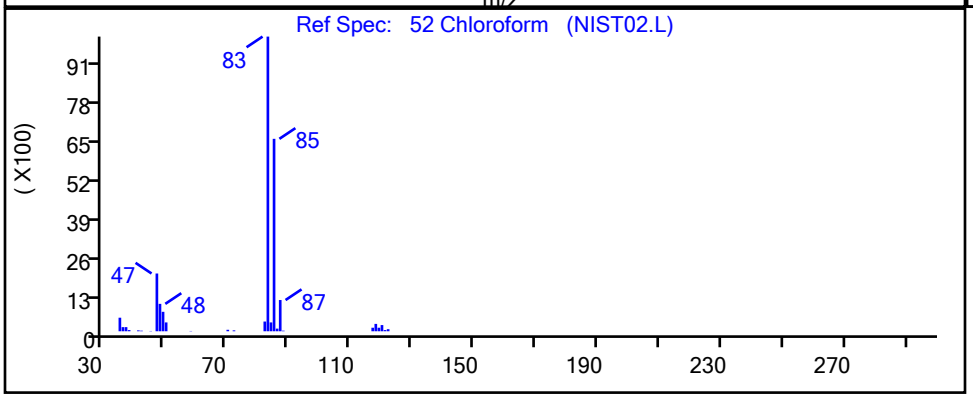
Processing Results











RT	Mass	Response	Amount
3.51	83.00	136	0.026413
3.50	85.00	232	

Reviewer: HVW2, 14-Mar-2024 19:29:14 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

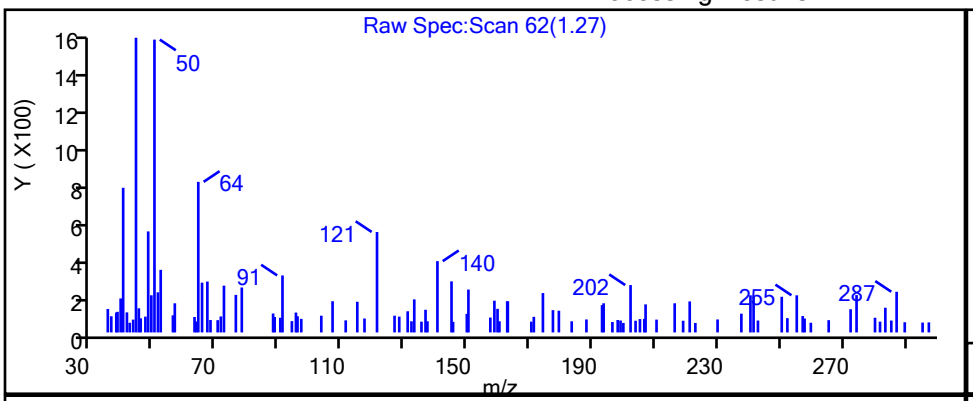
User Disabled Compound Report

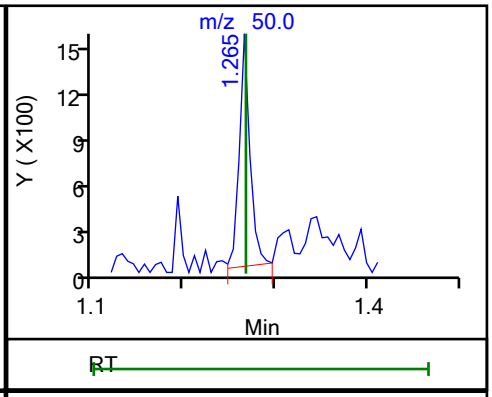
Eurofins Edison

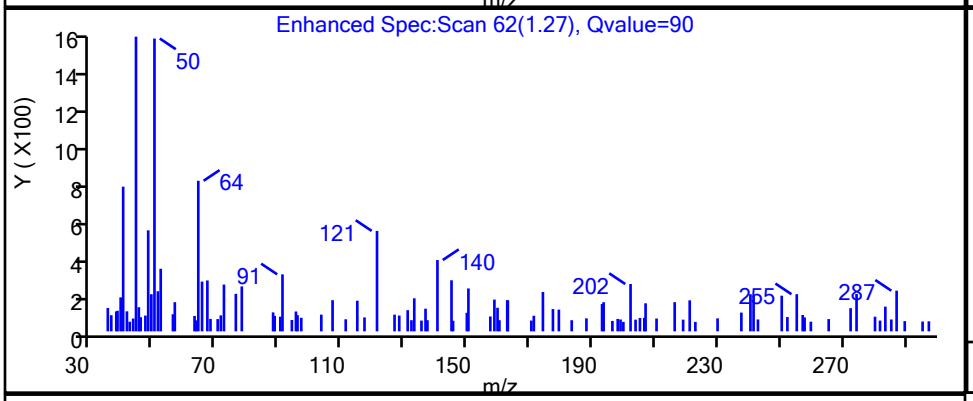
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

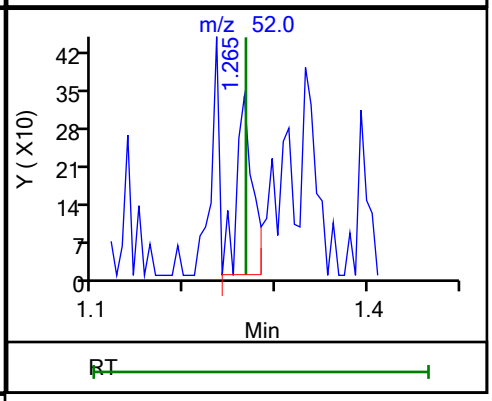
6 Chloromethane, CAS: 74-87-3

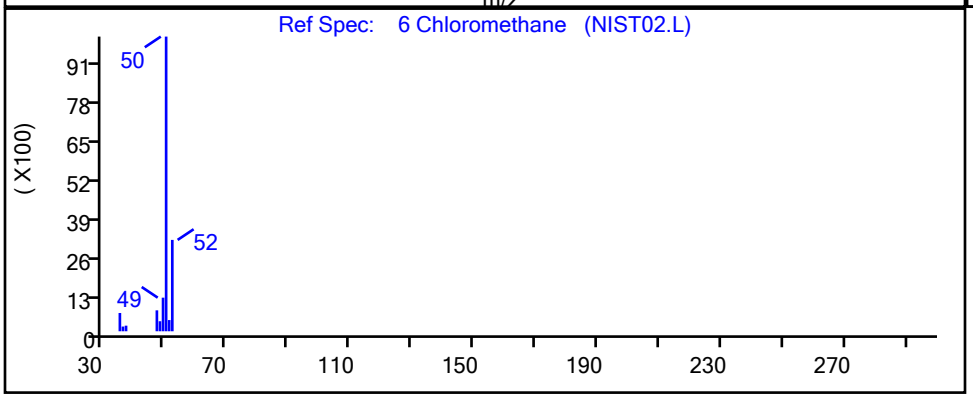
Processing Results











RT	Mass	Response	Amount
1.27	50.00	1244	0.336273
1.27	52.00	418	

Reviewer: HVW2, 14-Mar-2024 19:28:19 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

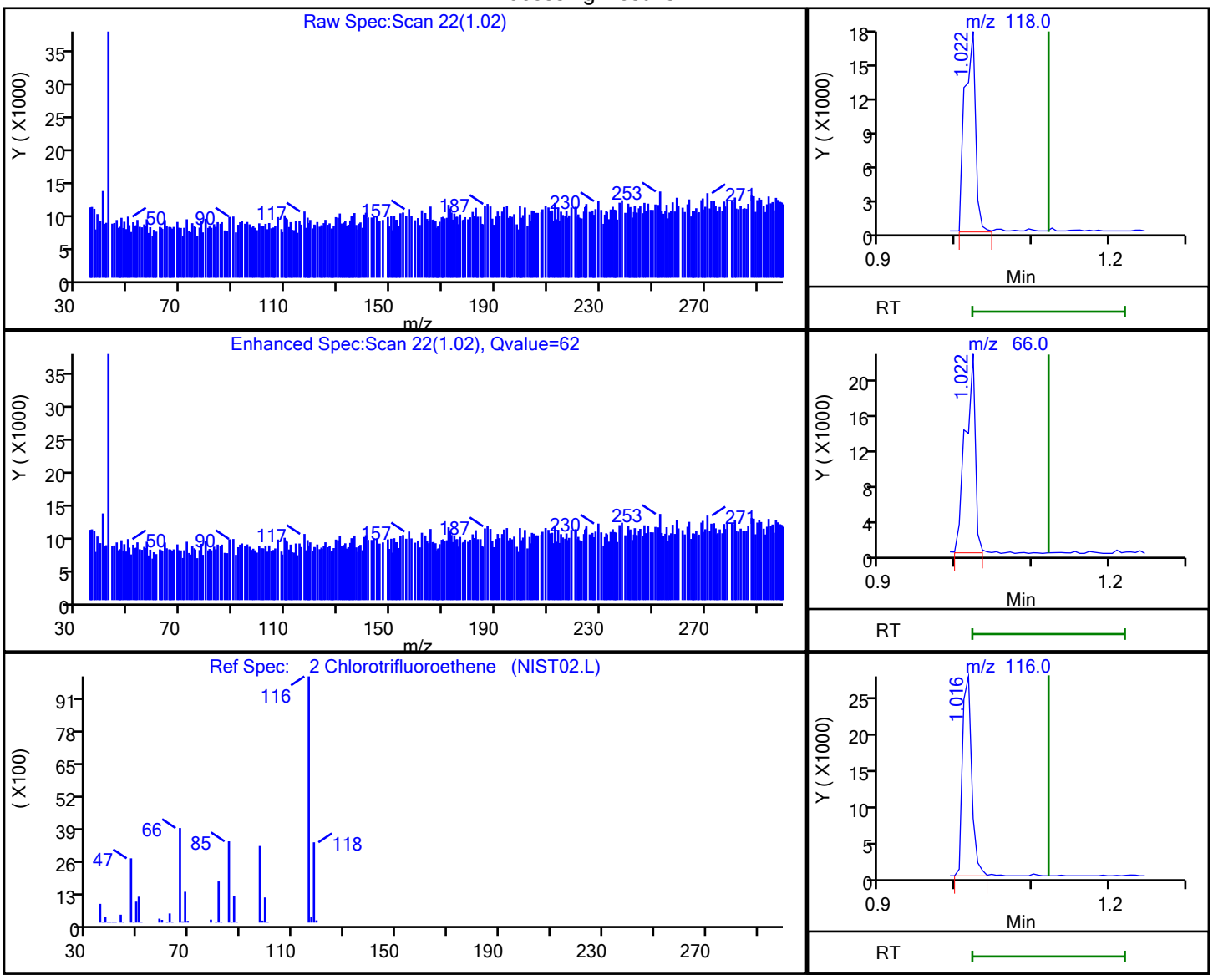
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.02	118.00	16764	106.0823
1.02	66.00	20458	
1.02	116.00	23473	

Reviewer: HVW2, 14-Mar-2024 19:28:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

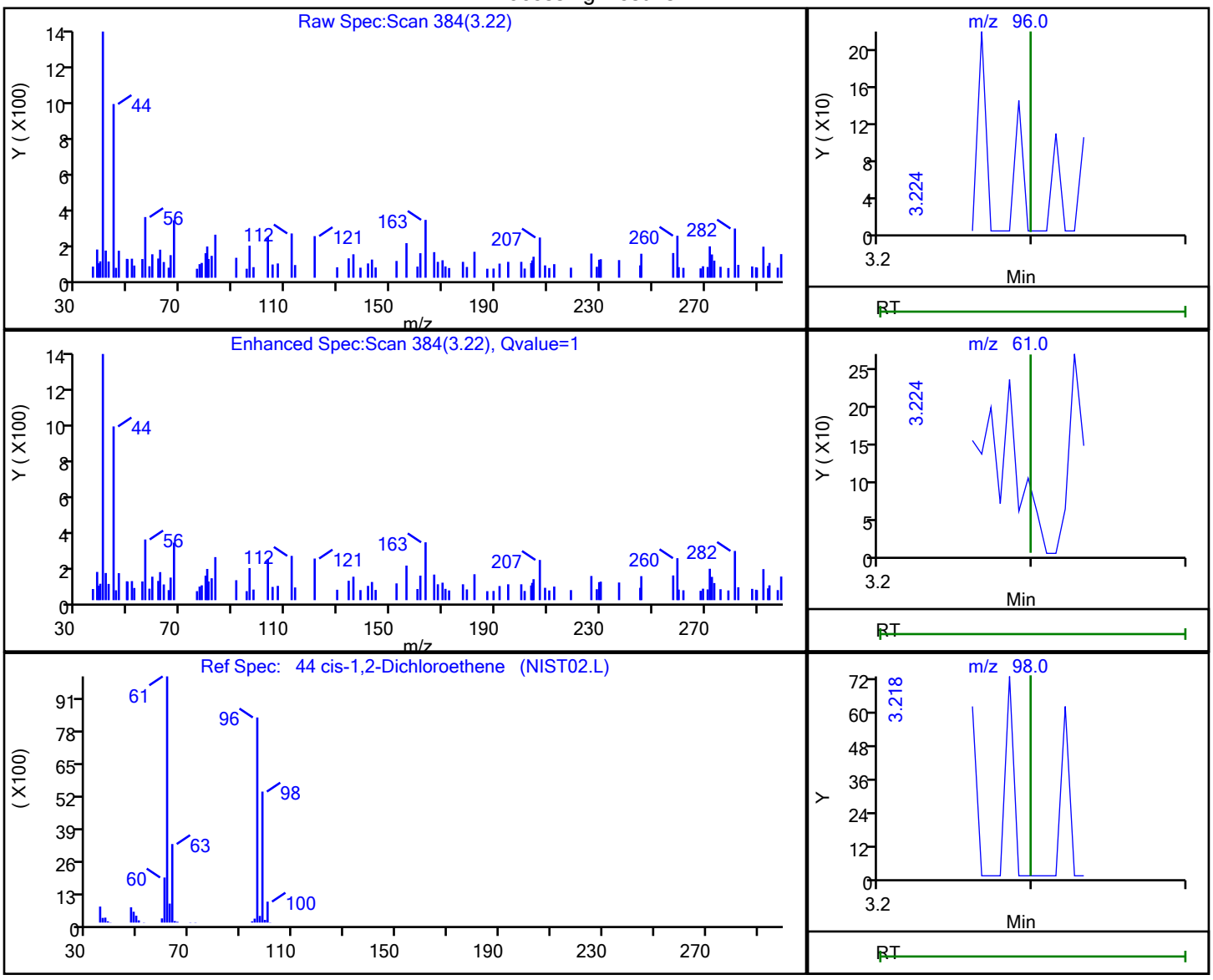
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
3.22	96.00	66	0.022132
3.22	61.00	91	
3.22	98.00	21	

Reviewer: HVW2, 14-Mar-2024 19:29:05 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

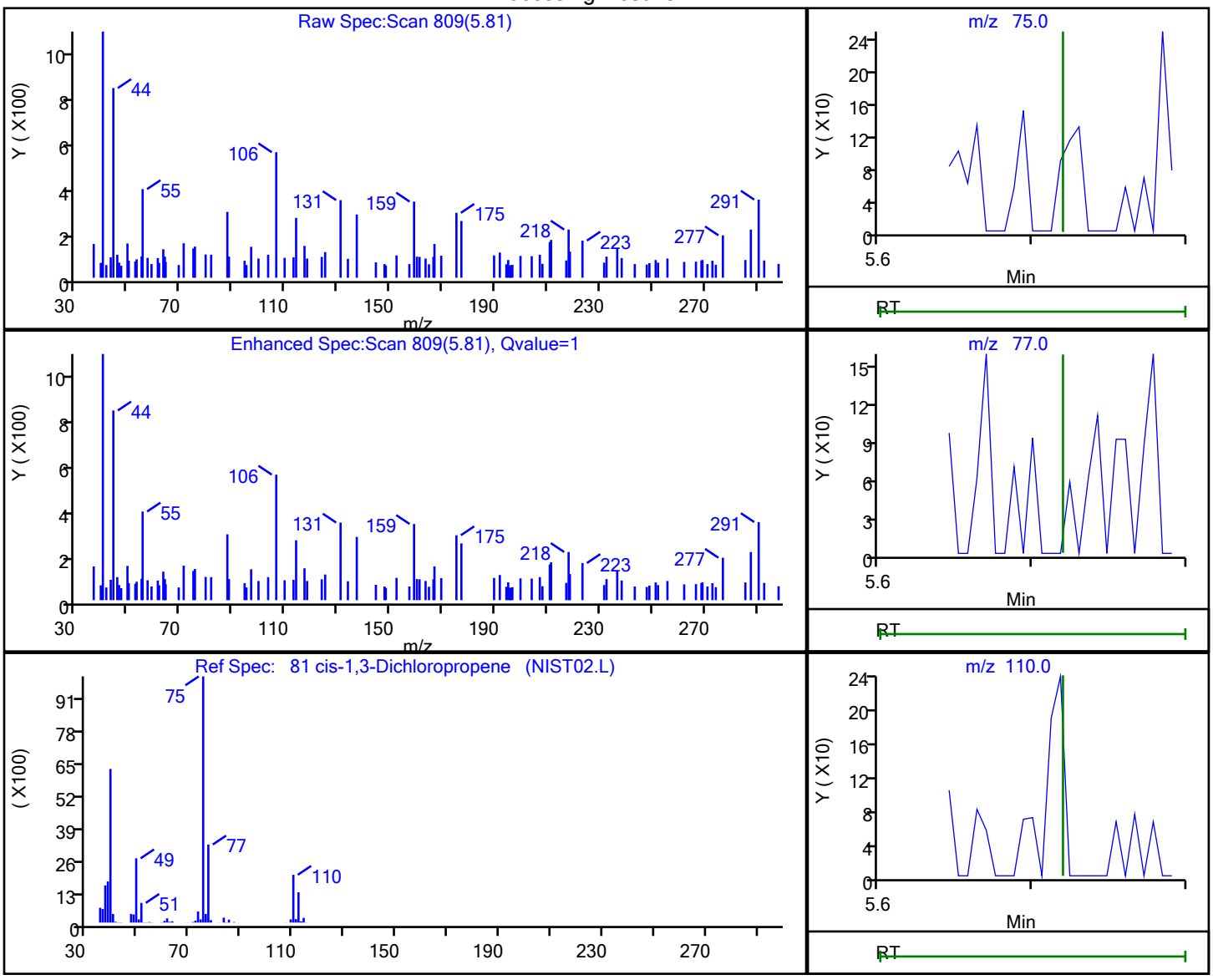
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
5.81	75.00	47	0.010048
5.80	77.00	153	
5.82	110.00	156	

Reviewer: HVW2, 14-Mar-2024 19:30:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

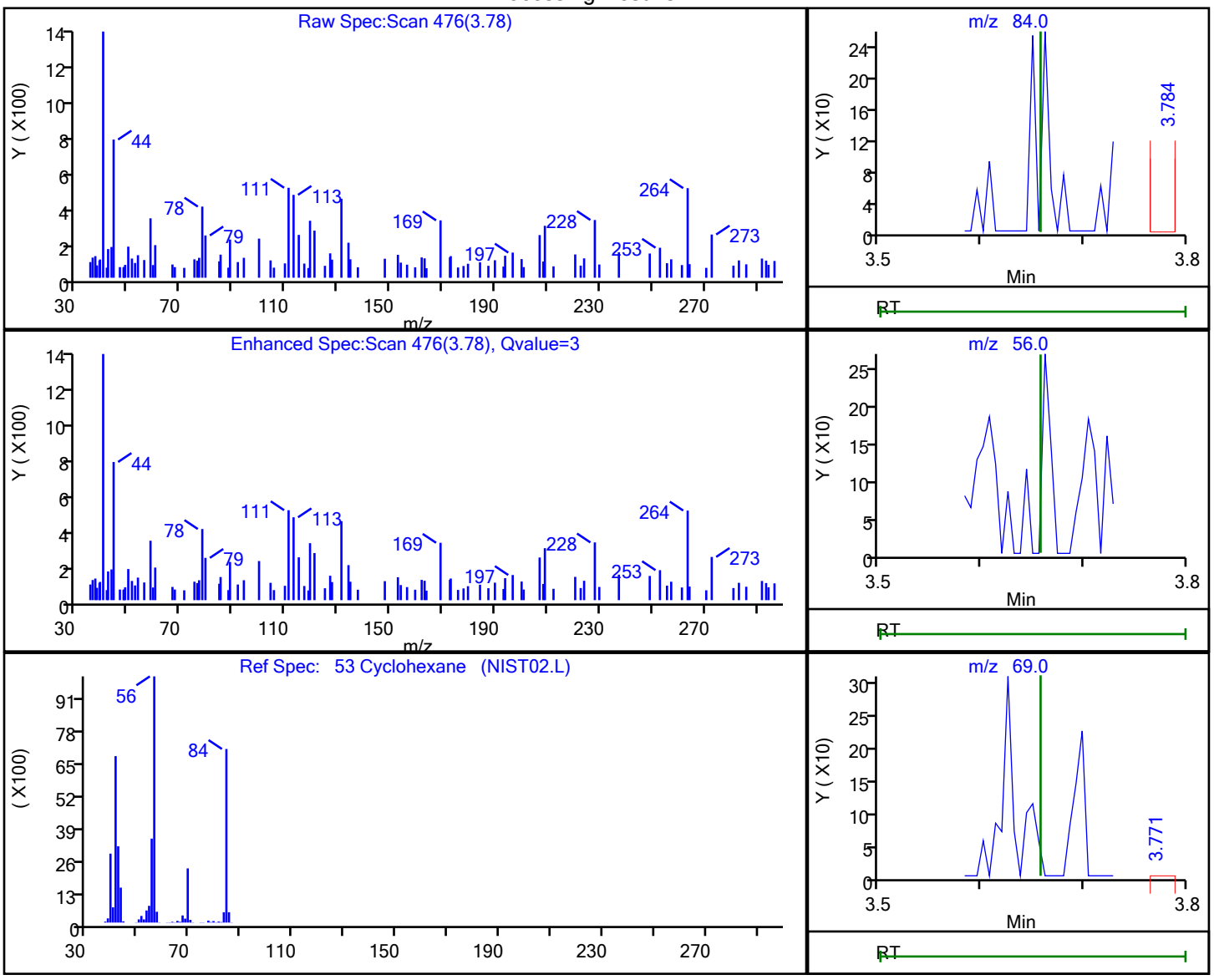
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
3.78	84.00	57	0.017430
3.79	56.00	112	
3.77	69.00	91	

Reviewer: HVW2, 14-Mar-2024 19:29:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

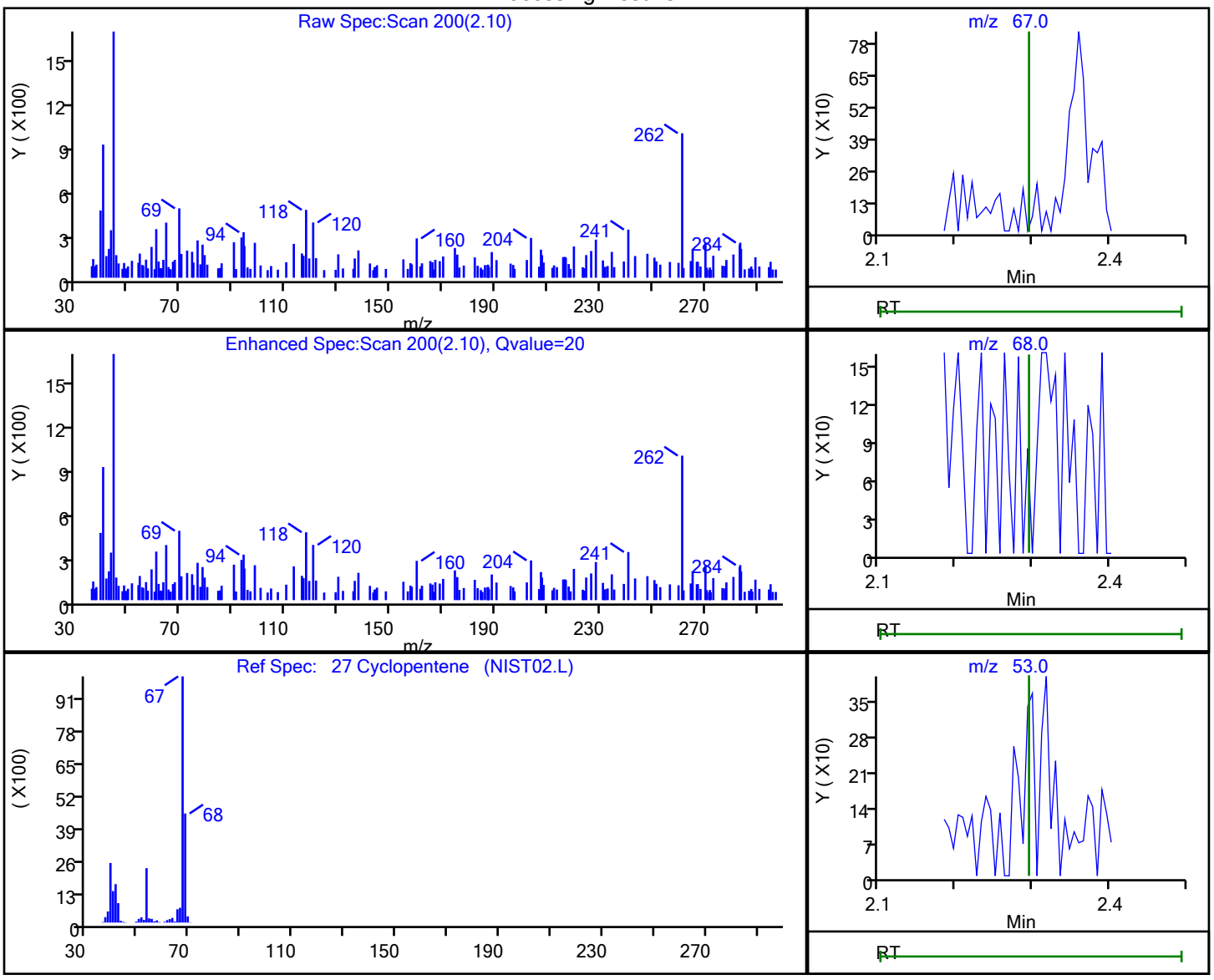
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.10	67.00	255	0.063601
2.11	68.00	28	
2.10	53.00	634	

Reviewer: HVW2, 14-Mar-2024 19:28:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

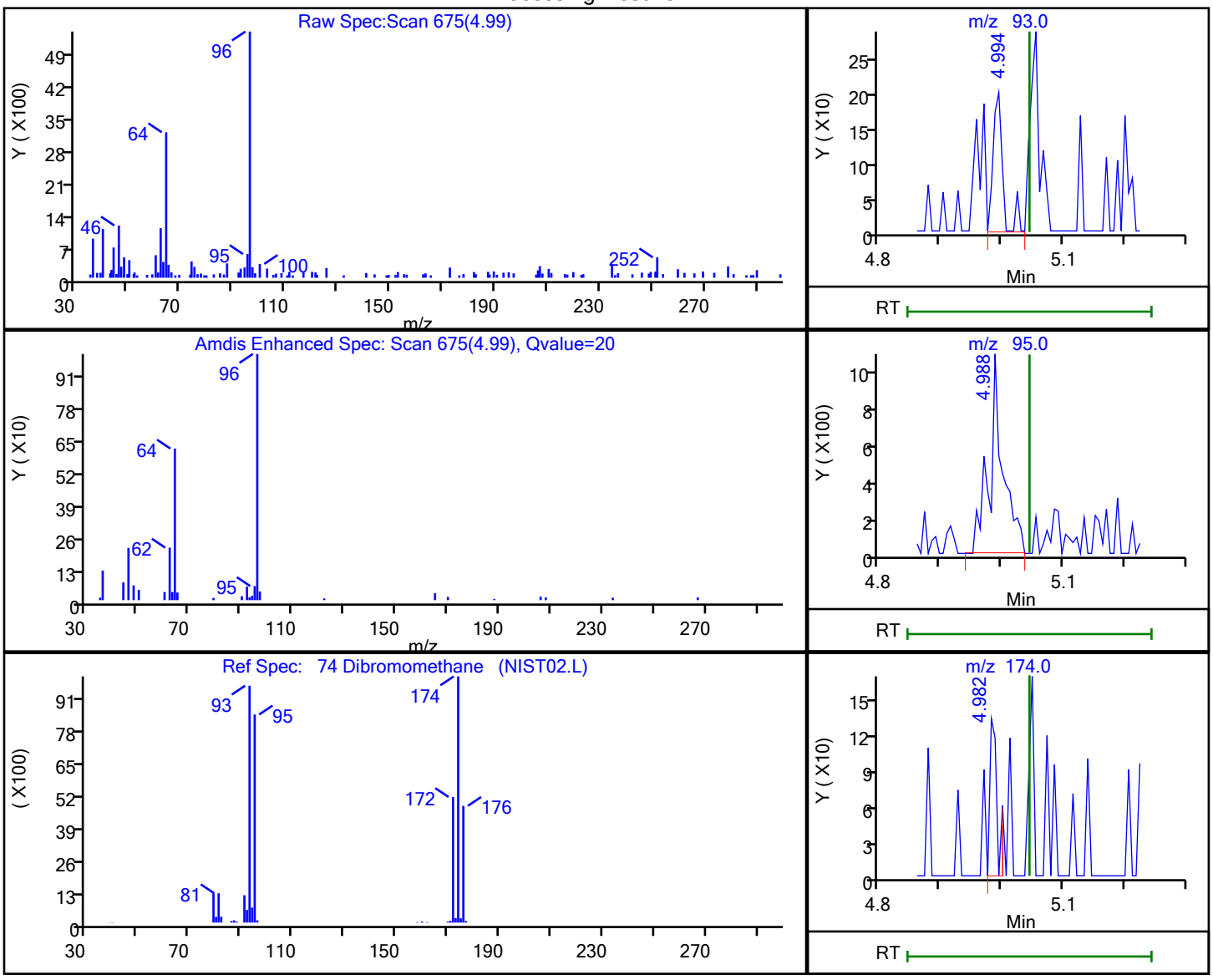
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

74 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
4.99	93.00	209	0.105976
4.99	95.00	1676	
4.98	174.00	110	

Reviewer: HVW2, 14-Mar-2024 19:29:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

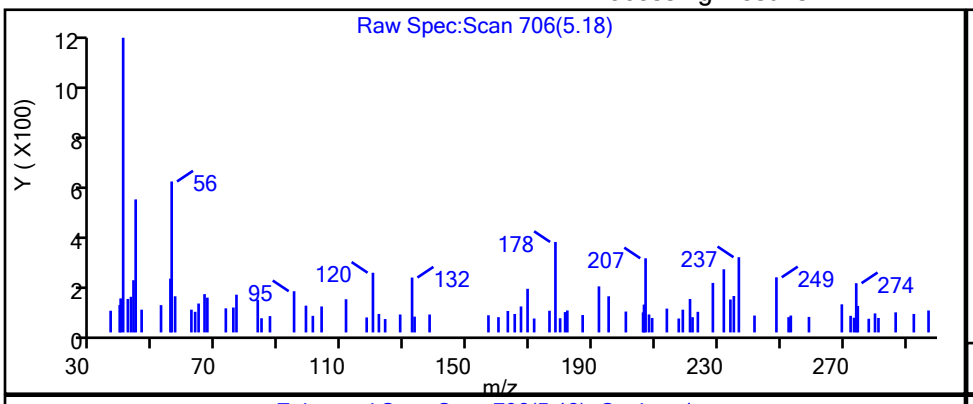
User Disabled Compound Report

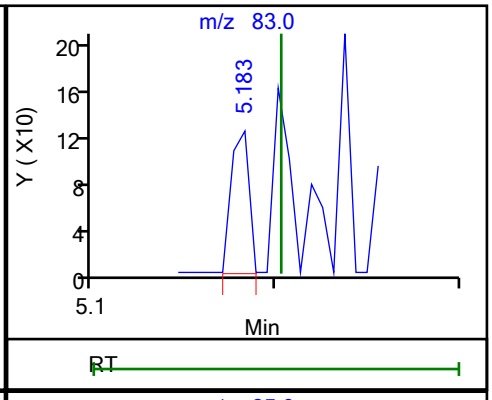
Eurofins Edison

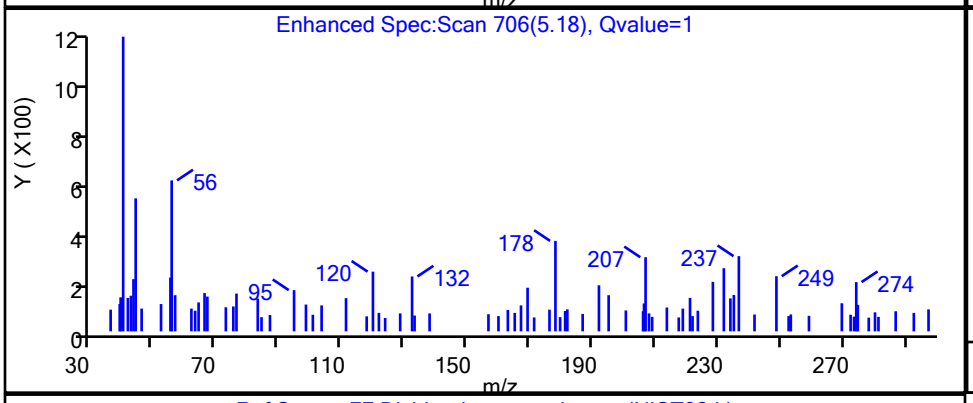
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

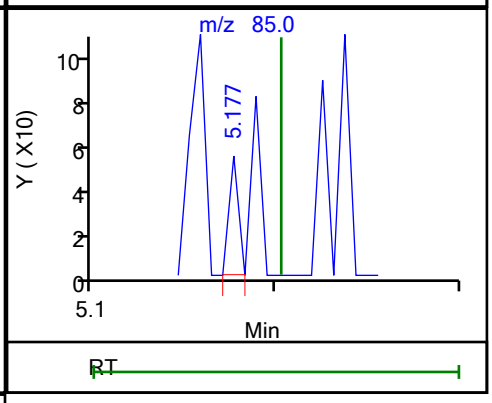
77 Dichlorobromomethane, CAS: 75-27-4

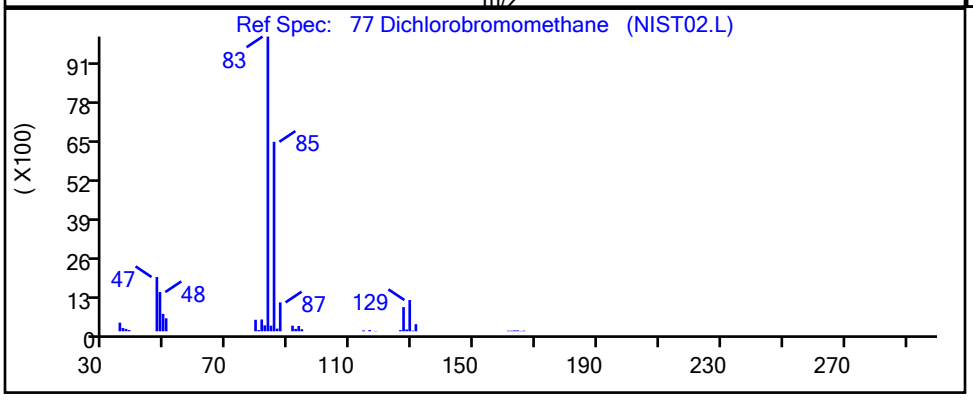
Processing Results











RT	Mass	Response	Amount
5.18	83.00	83	0.021654
5.18	85.00	19	

Reviewer: HVW2, 14-Mar-2024 19:29:46 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

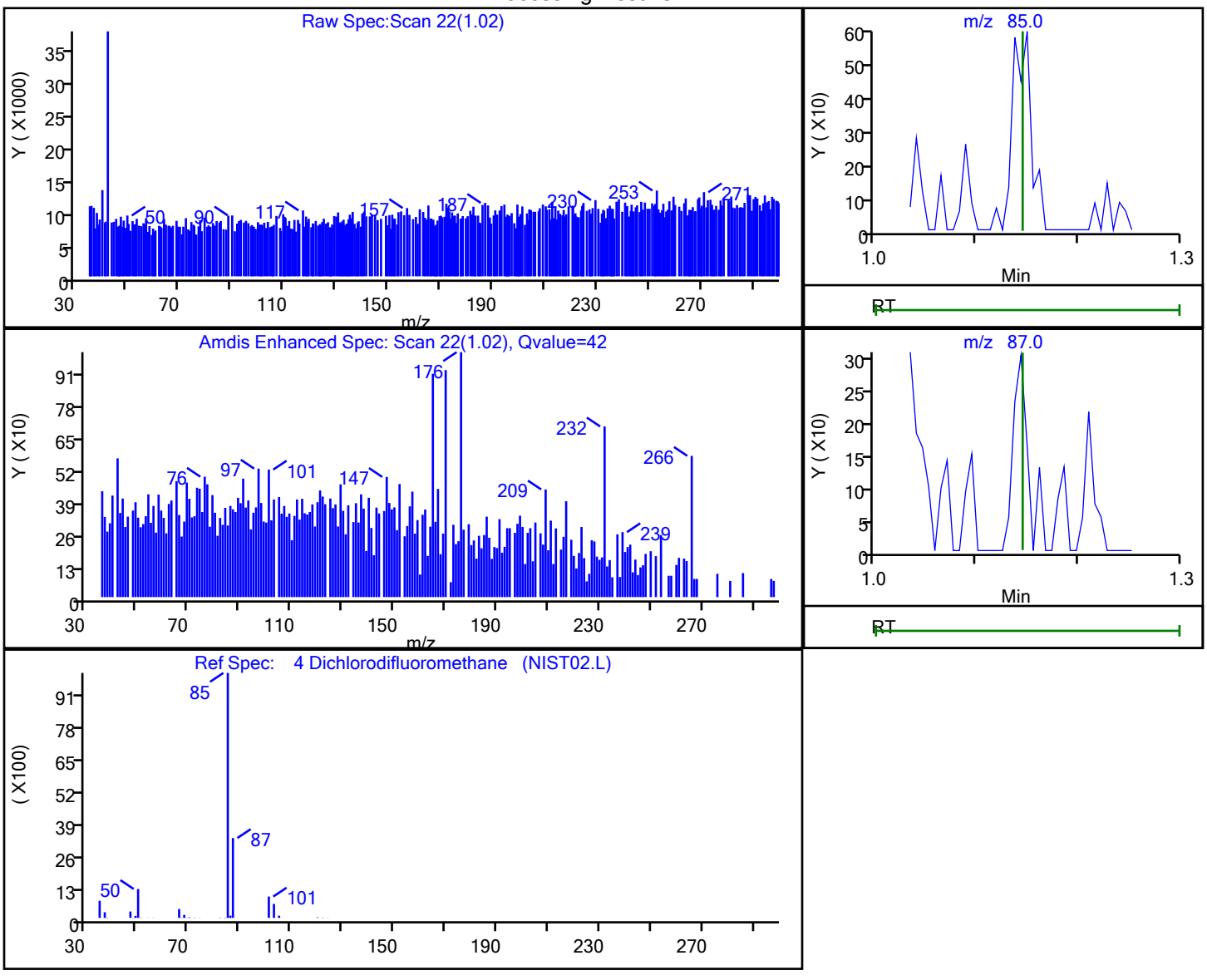
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.02	85.00	16562	5.205025
1.01	87.00	18921	

Reviewer: HVW2, 14-Mar-2024 19:28:09 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

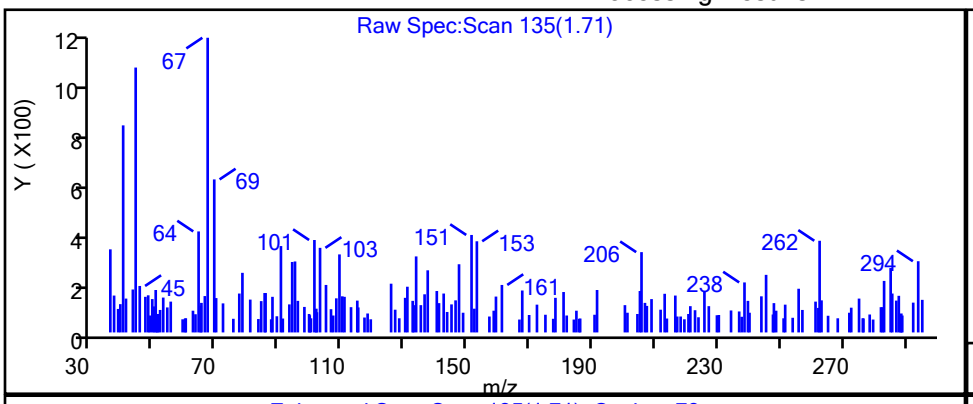
User Disabled Compound Report

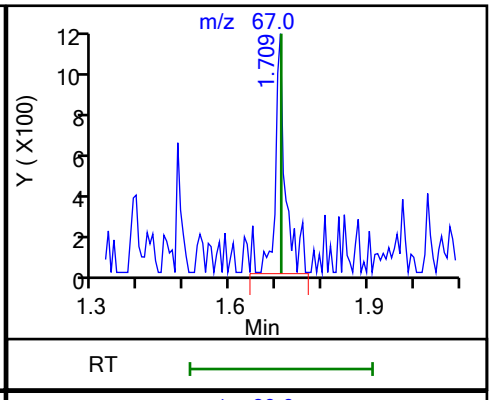
Eurofins Edison

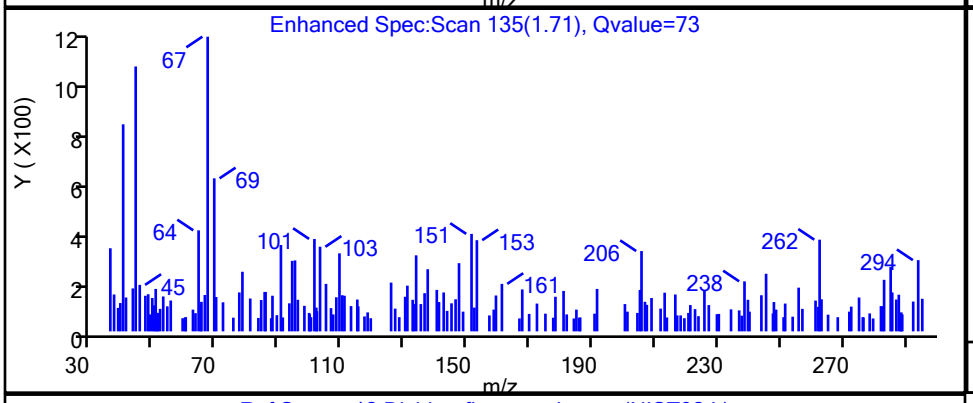
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

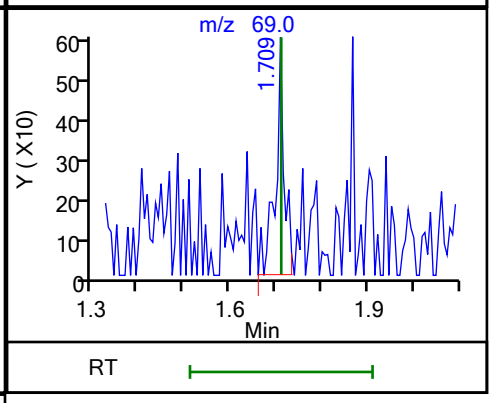
12 Dichlorofluoromethane, CAS: 75-43-4

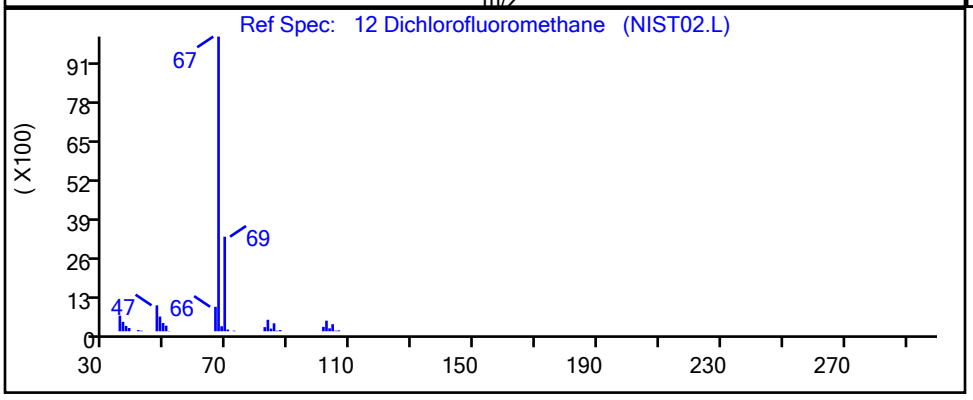
Processing Results











RT	Mass	Response	Amount
1.71	67.00	1787	0.278598
1.71	69.00	811	

Reviewer: HVW2, 14-Mar-2024 19:28:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

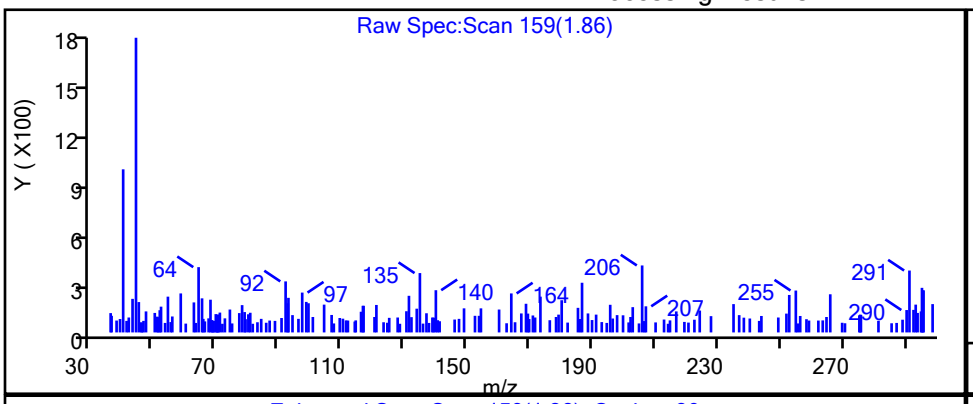
User Disabled Compound Report

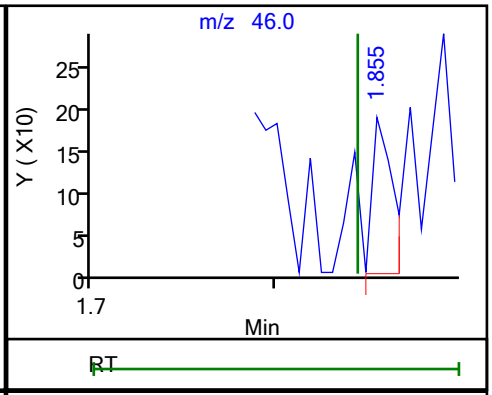
Eurofins Edison

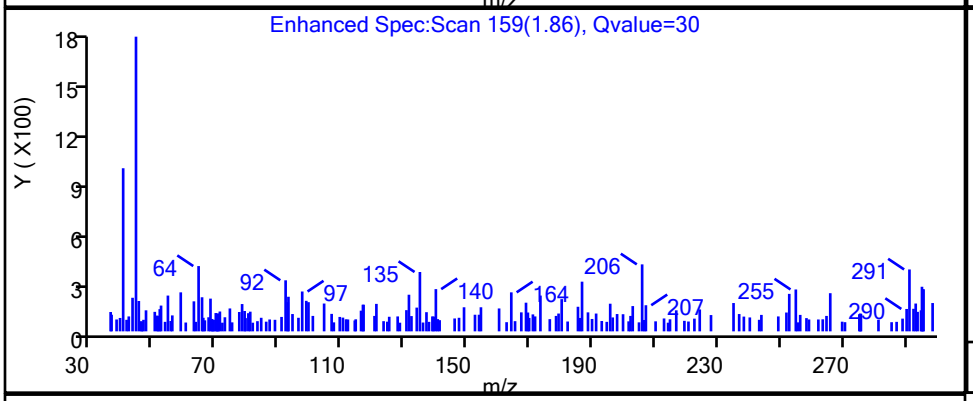
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

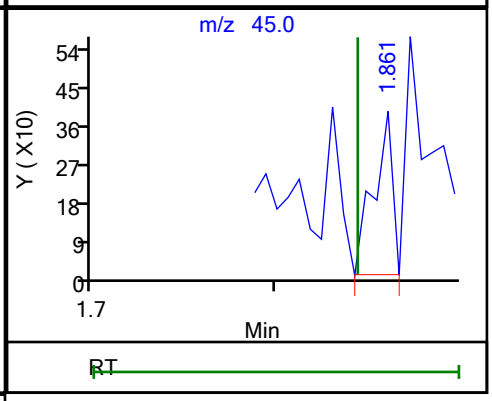
14 Ethanol, CAS: 64-17-5

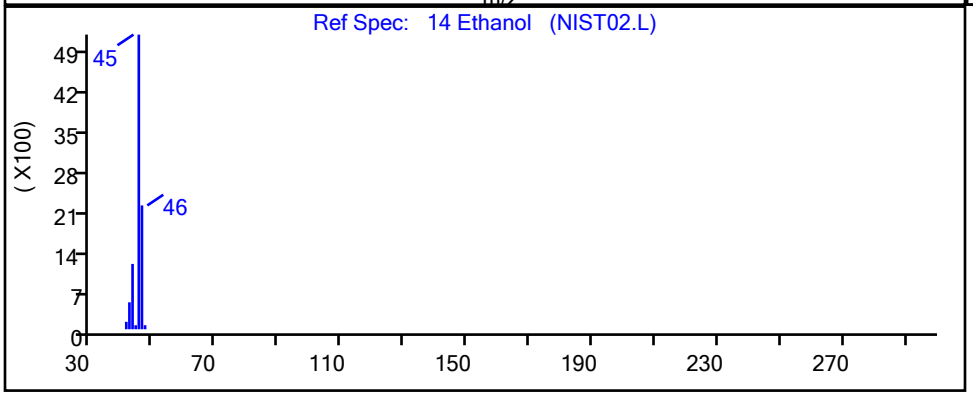
Processing Results











RT	Mass	Response	Amount
1.86	46.00	140	26.261579
1.86	45.00	281	

Reviewer: HVW2, 14-Mar-2024 19:28:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

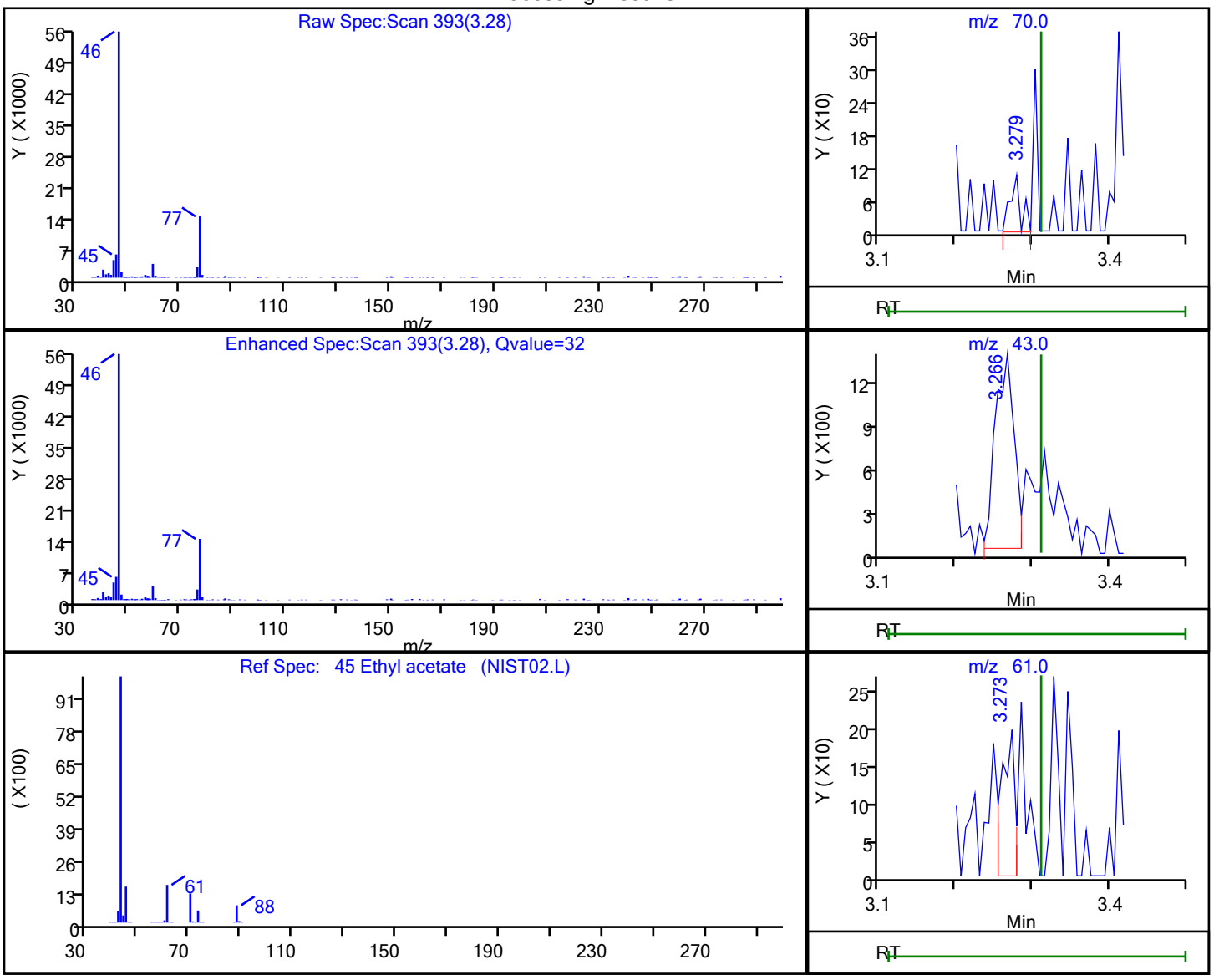
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.28	70.00	99	0.472951
3.27	43.00	2319	
3.27	61.00	233	

Reviewer: HVW2, 14-Mar-2024 19:29:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

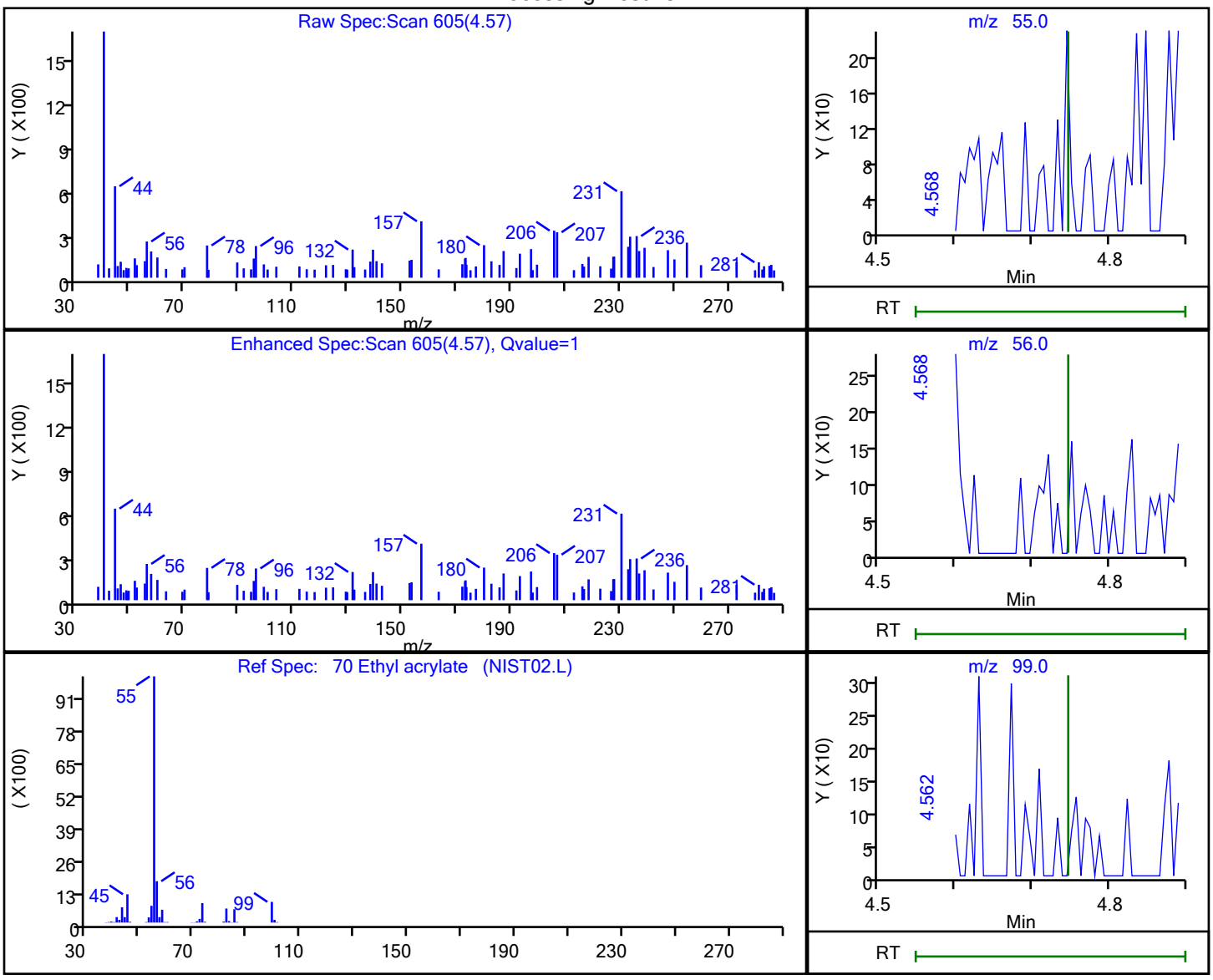
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
4.57	55.00	164	0.035585
4.57	56.00	90	
4.56	99.00	212	

Reviewer: HVW2, 14-Mar-2024 19:29:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

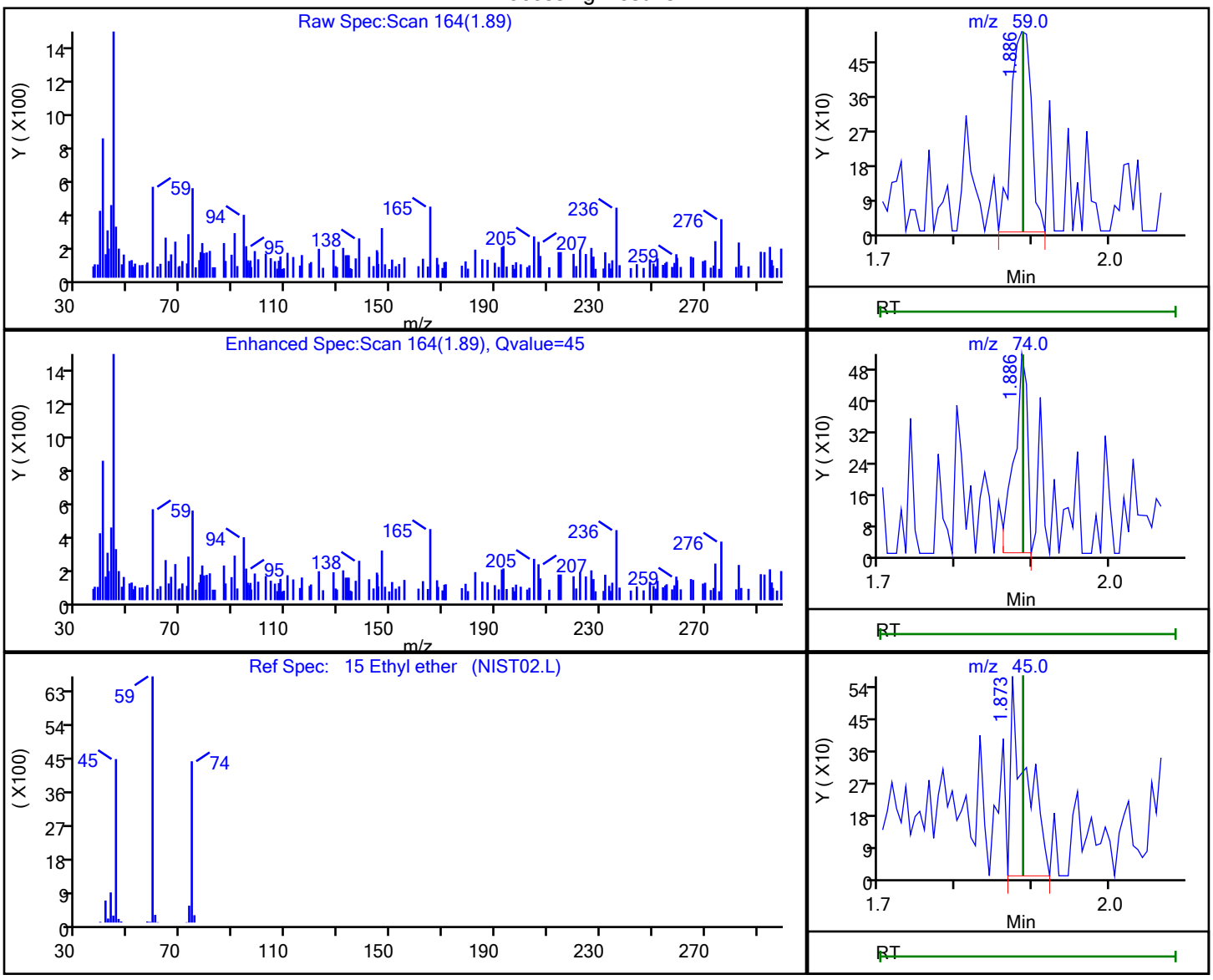
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.89	59.00	947	0.694092
1.89	74.00	612	
1.87	45.00	809	

Reviewer: HVW2, 14-Mar-2024 19:28:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

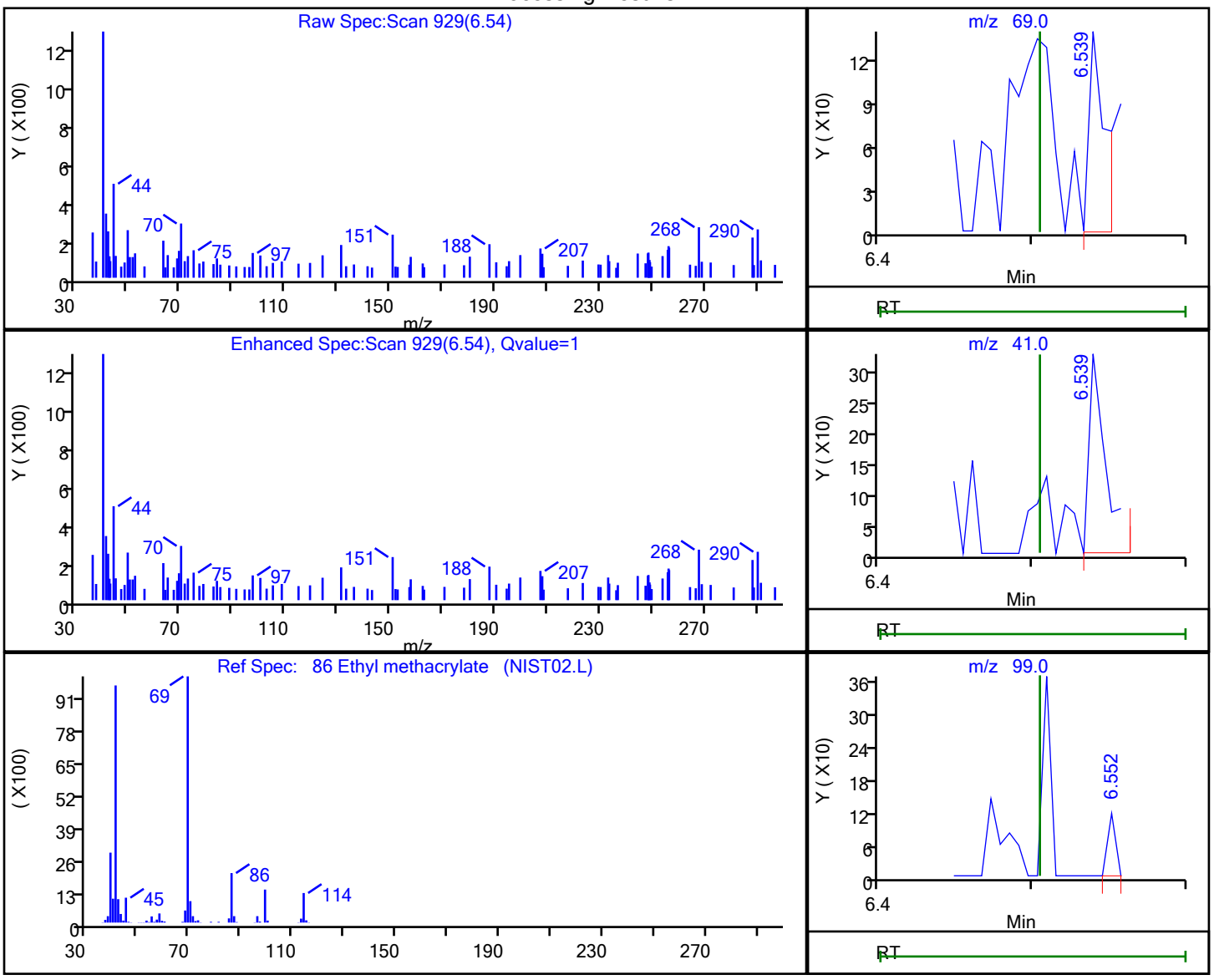
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
6.54	69.00	102	0.045340
6.54	41.00	241	
6.55	99.00	42	

Reviewer: HVW2, 14-Mar-2024 19:30:18 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

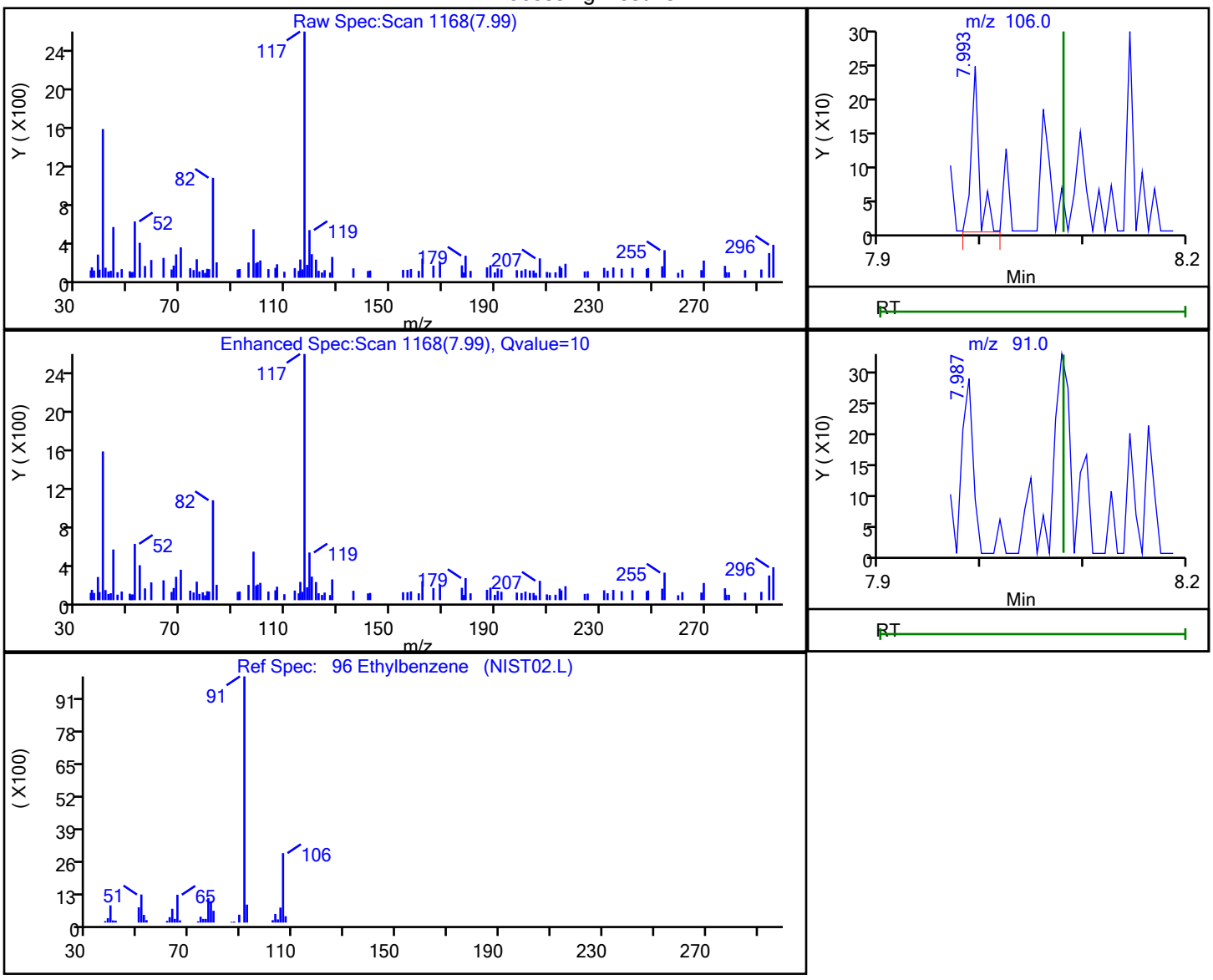
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

96 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
7.99	106.00	131	0.037092
7.99	91.00	292	

Reviewer: HVW2, 14-Mar-2024 19:30:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

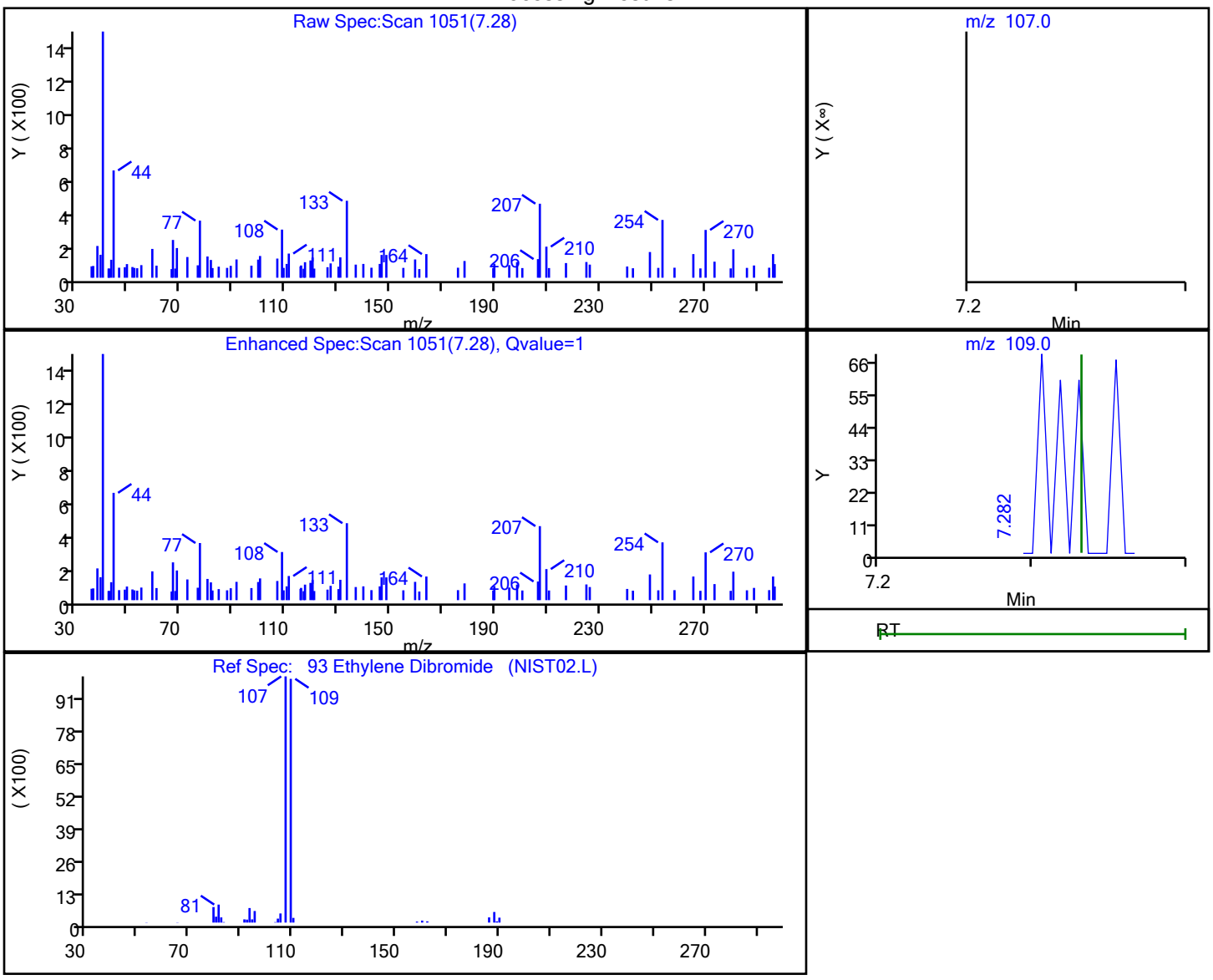
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

93 Ethylene Dibromide, CAS: 106-93-4

Processing Results



RT	Mass	Response	Amount
7.28	107.00	40	0.013828
7.28	109.00	21	

Reviewer: HVW2, 14-Mar-2024 19:30:26 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

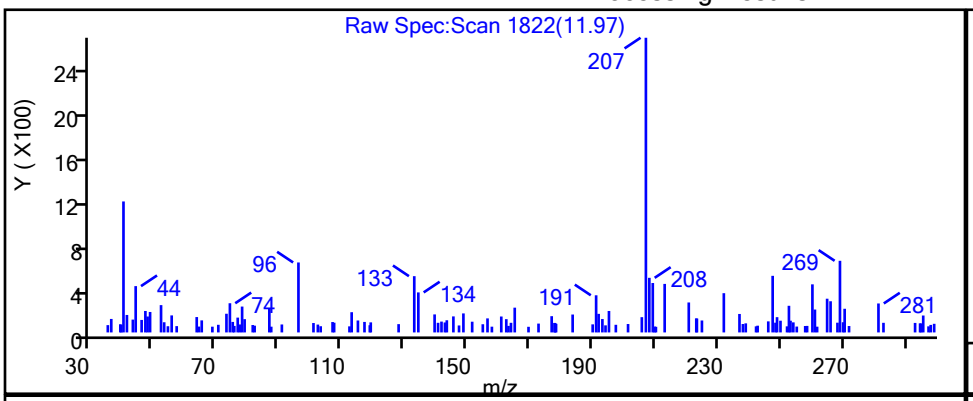
User Disabled Compound Report

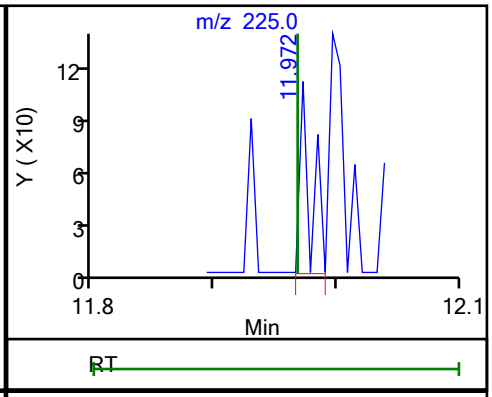
Eurofins Edison

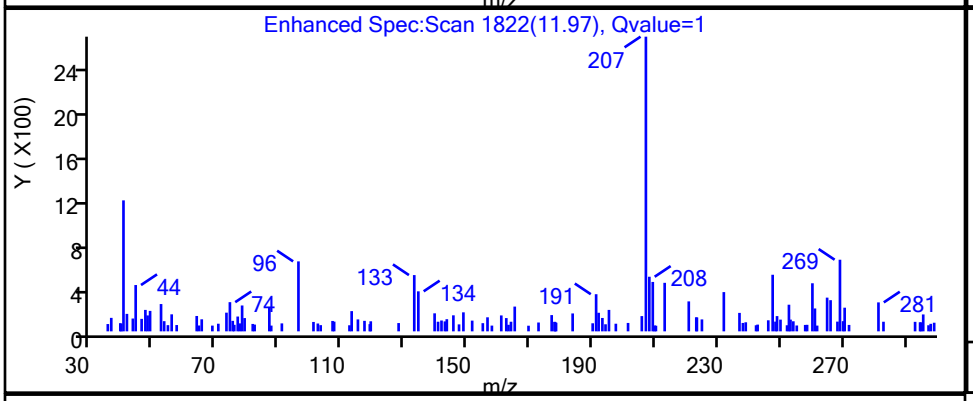
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

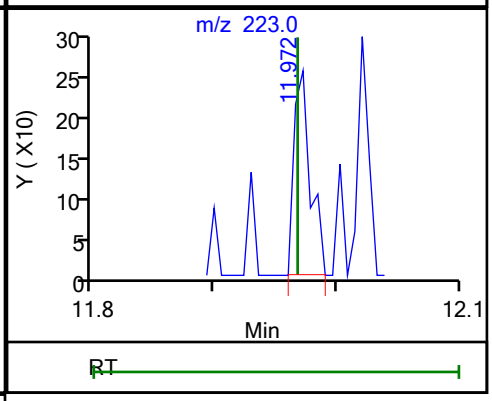
133 Hexachlorobutadiene, CAS: 87-68-3

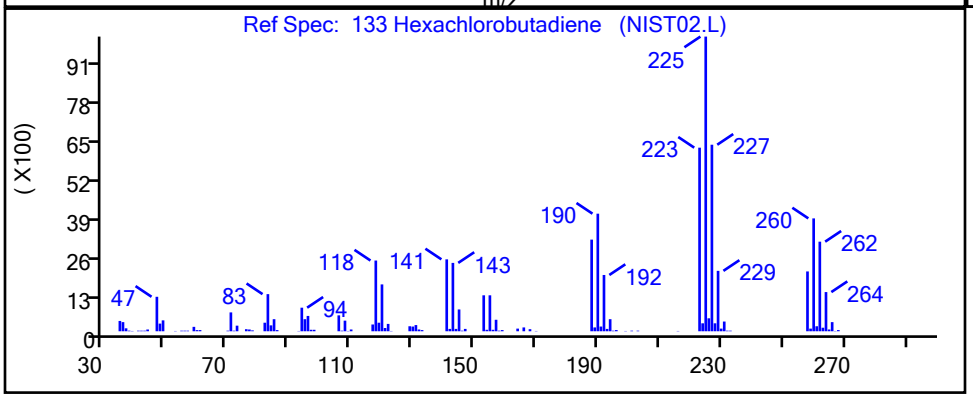
Processing Results











RT	Mass	Response	Amount
11.97	225.00	68	0.051203
11.97	223.00	236	

Reviewer: HVW2, 14-Mar-2024 19:31:13 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

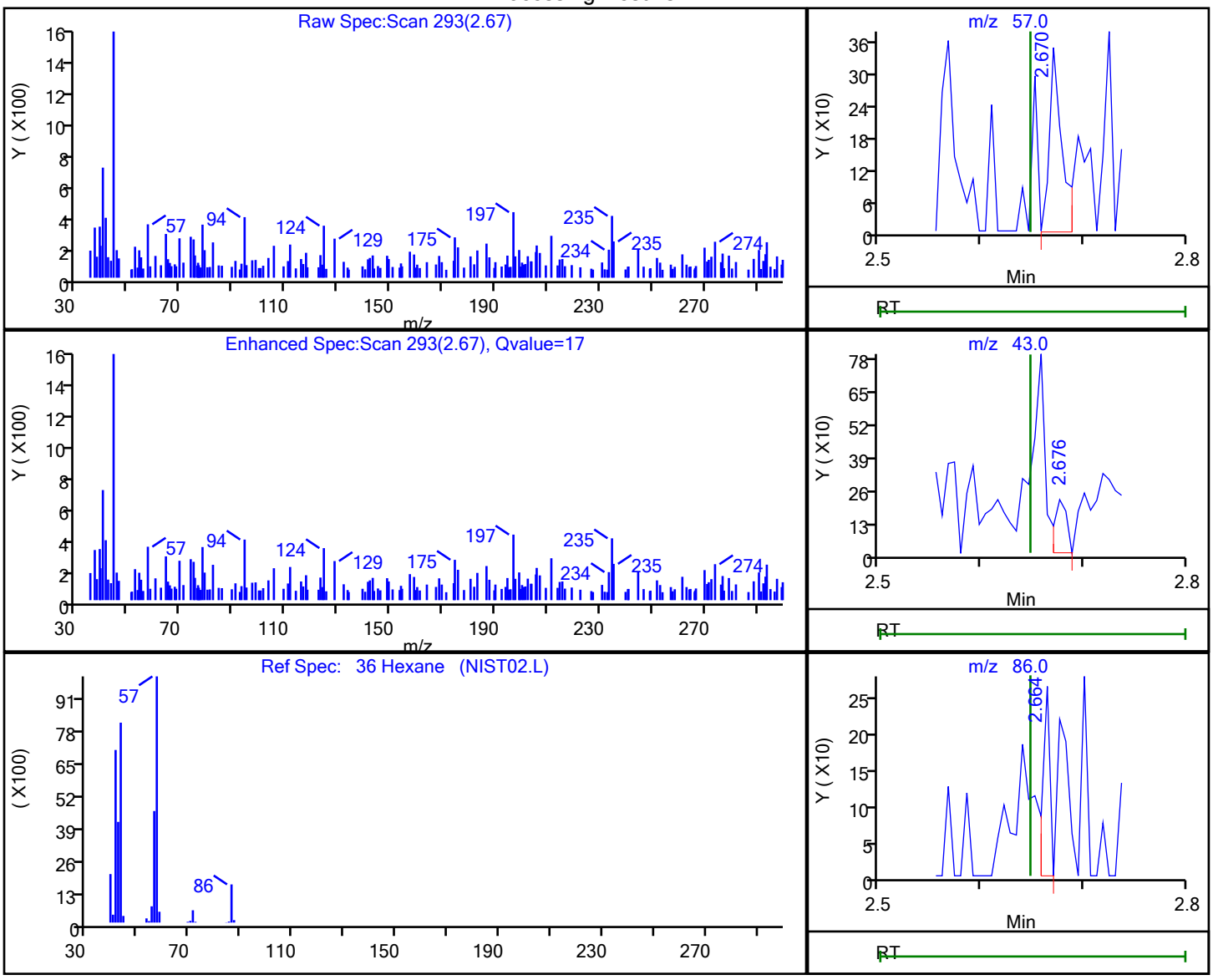
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.67	57.00	292	0.159721
2.68	43.00	179	
2.66	86.00	127	
2.68	56.00	160	

Reviewer: HVW2, 14-Mar-2024 19:28:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

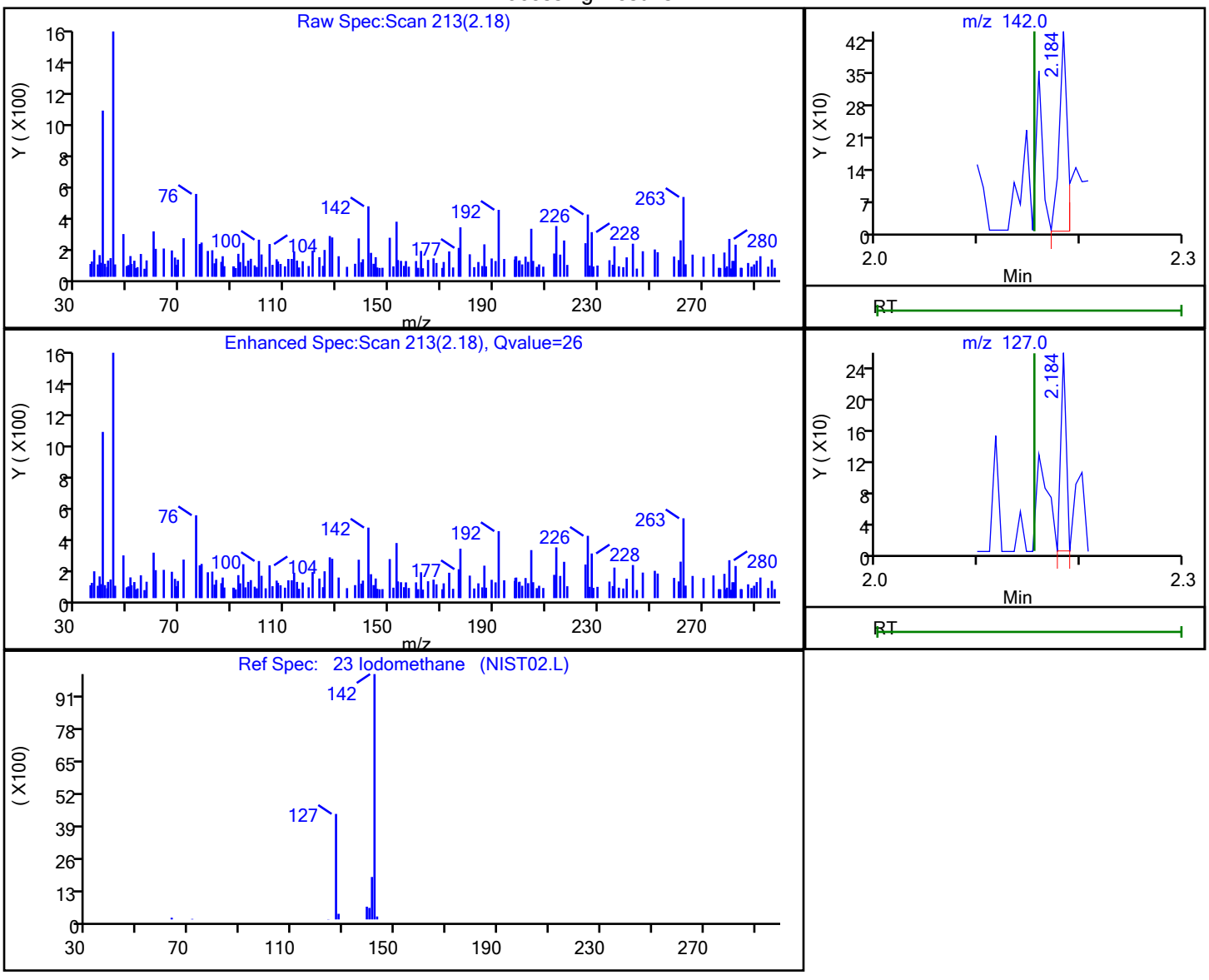
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
2.18	142.00	240	0.107784
2.18	127.00	93	

Reviewer: HVW2, 14-Mar-2024 19:28:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

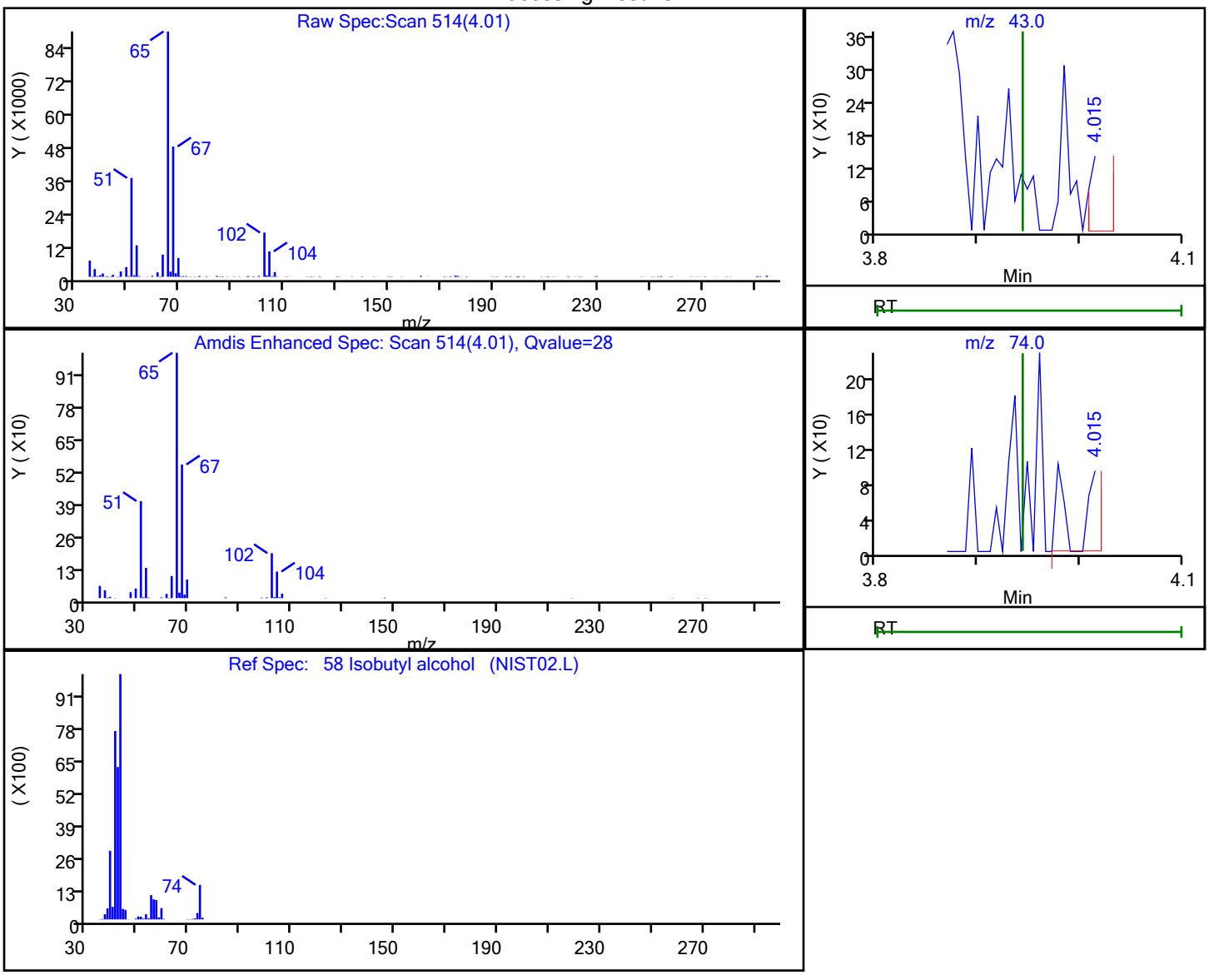
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.01	43.00	104	0.878175
4.01	74.00	114	

Reviewer: HVW2, 14-Mar-2024 19:29:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

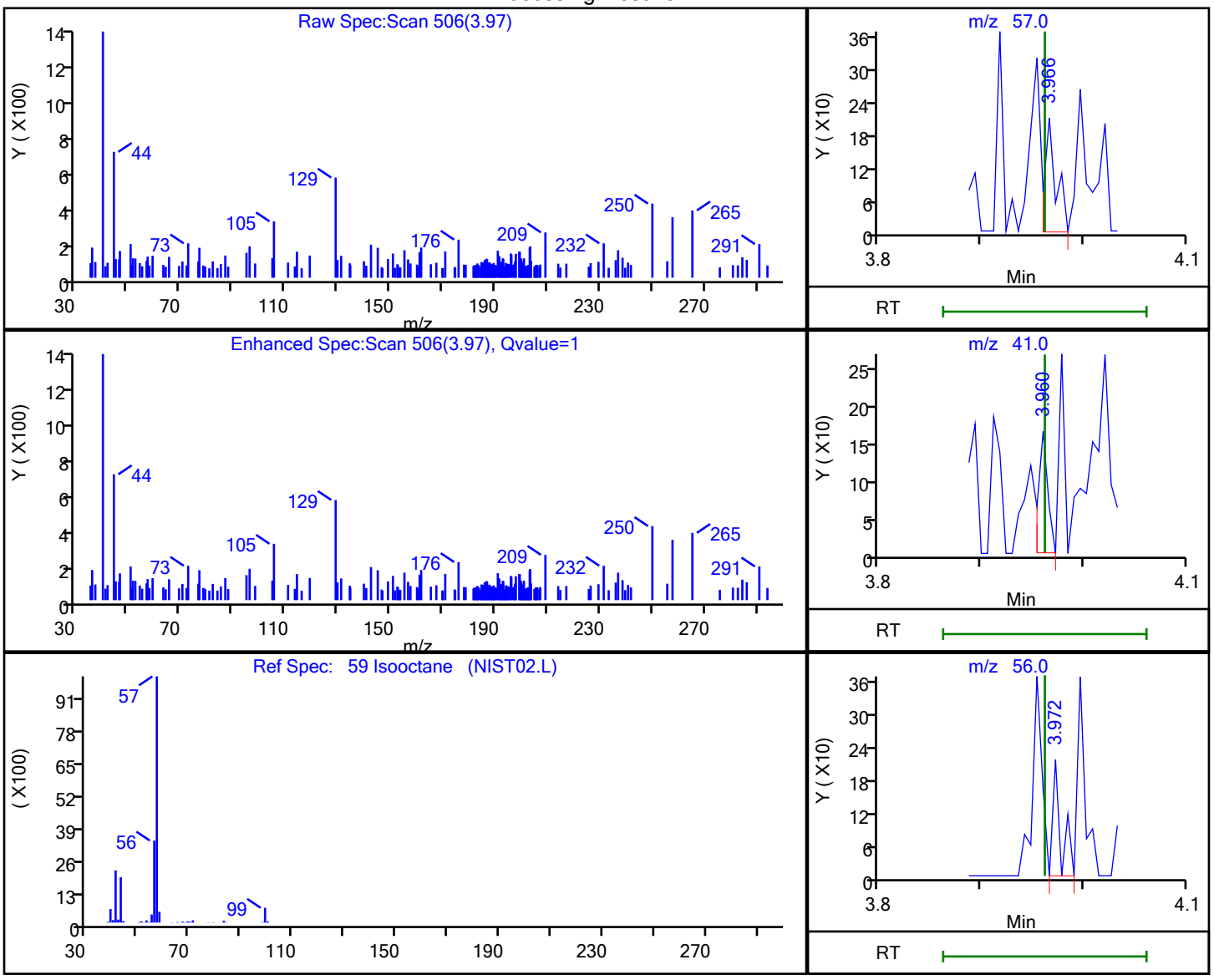
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.97	57.00	157	0.044681
3.96	41.00	106	
3.97	56.00	117	

Reviewer: HVW2, 14-Mar-2024 19:29:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

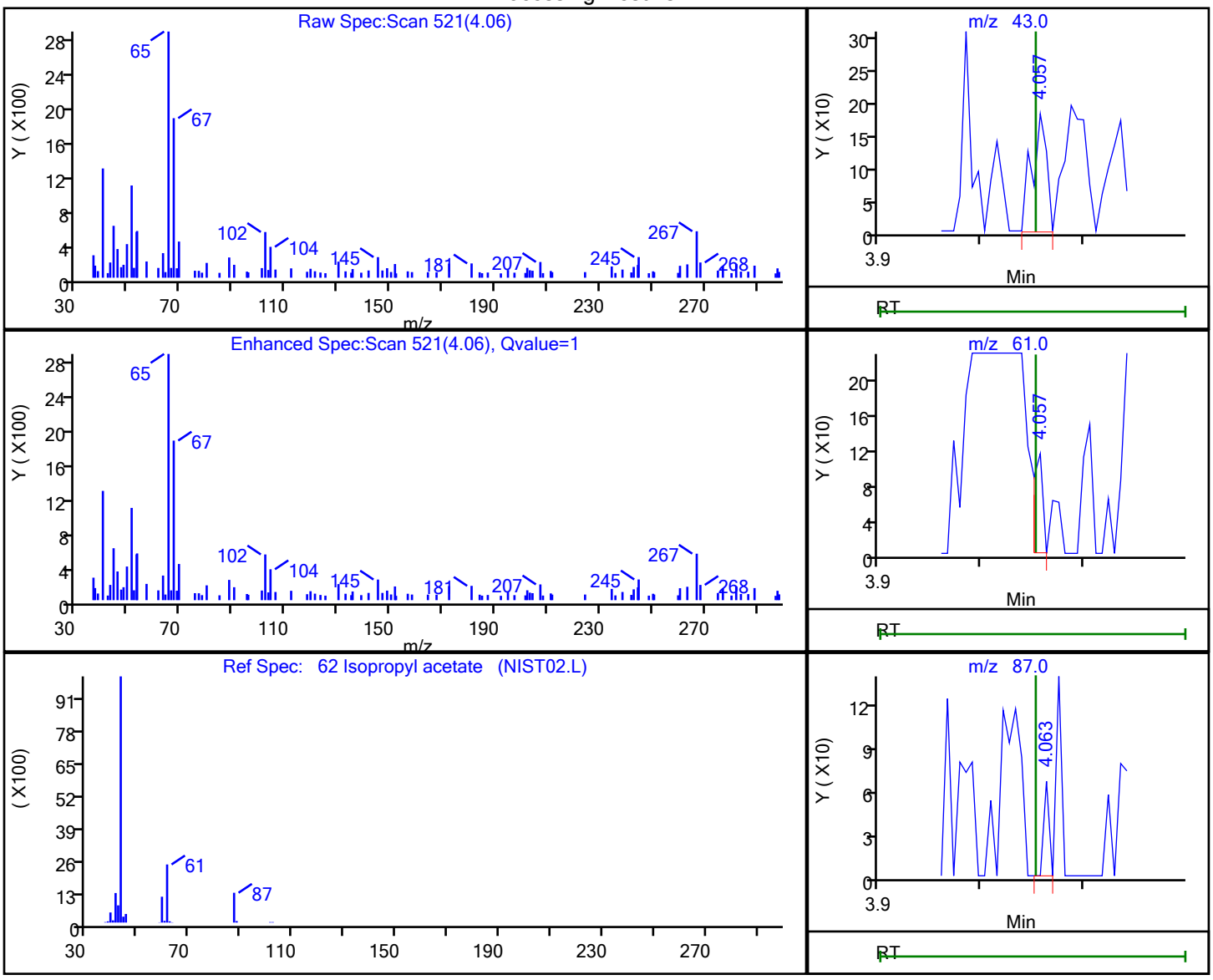
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

62 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
4.06	43.00	180	0.032141
4.06	61.00	74	
4.06	87.00	23	

Reviewer: HVW2, 14-Mar-2024 19:29:24 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

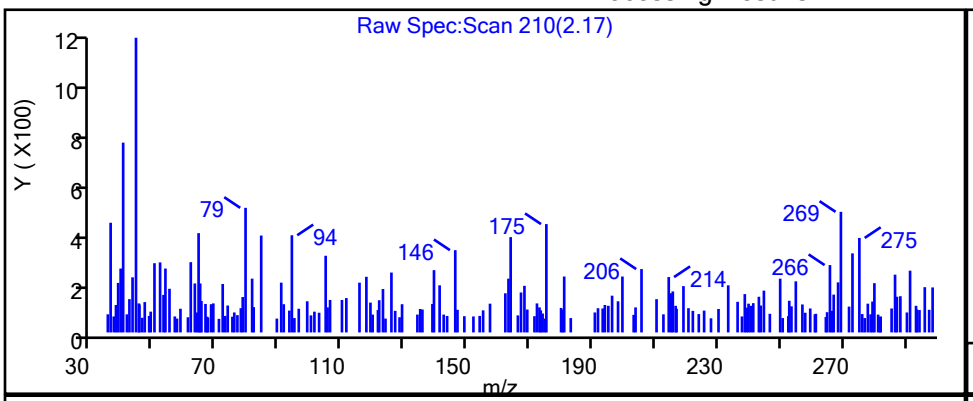
User Disabled Compound Report

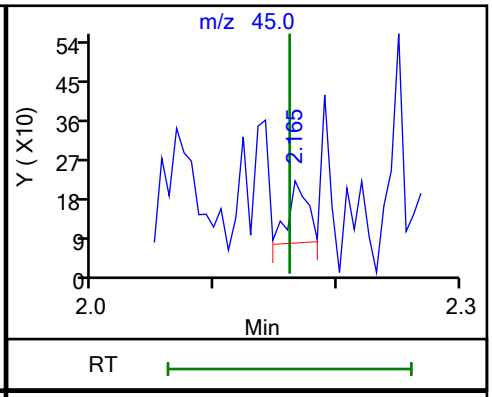
Eurofins Edison

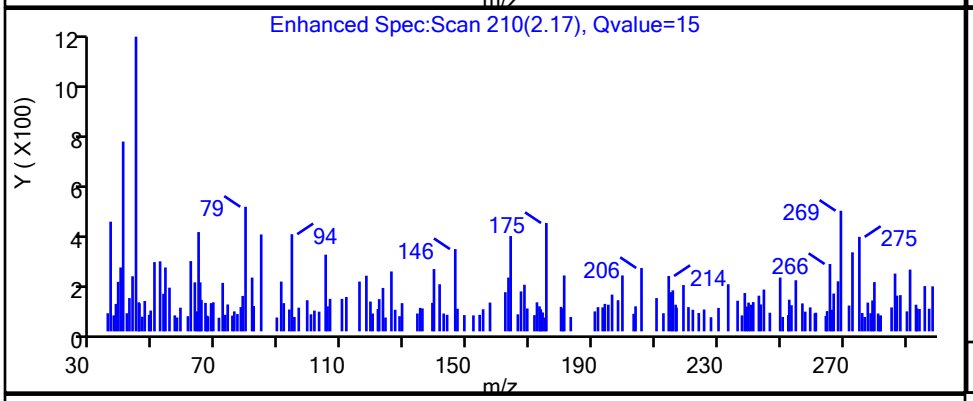
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

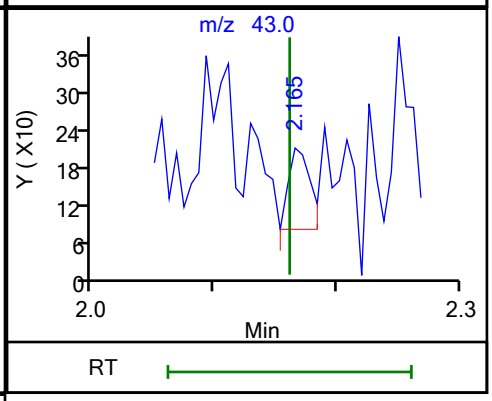
25 Isopropyl alcohol, CAS: 67-63-0

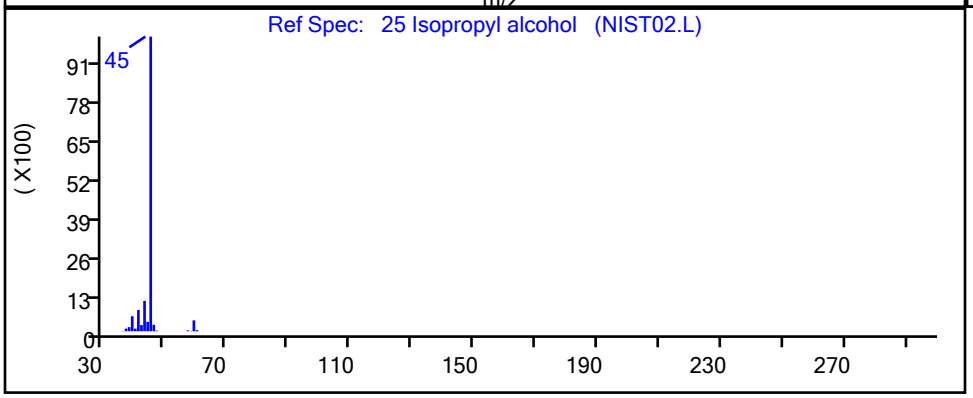
Processing Results











RT	Mass	Response	Amount
2.17	45.00	156	1.697453
2.17	43.00	163	

Reviewer: HVW2, 14-Mar-2024 19:28:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

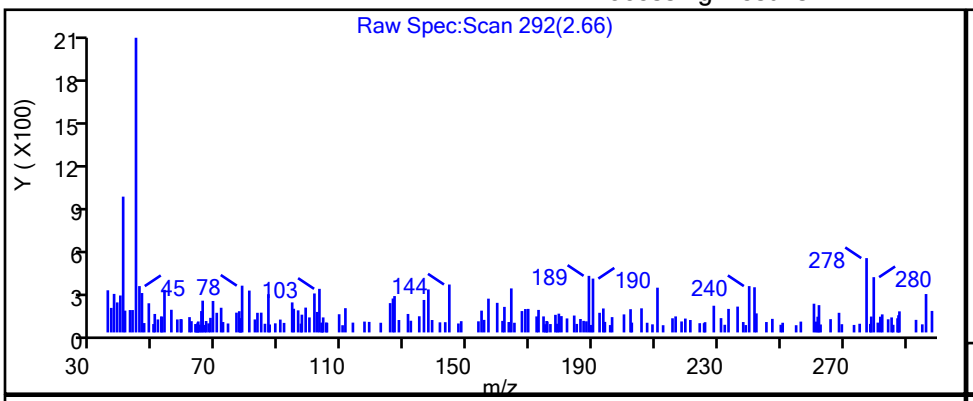
User Disabled Compound Report

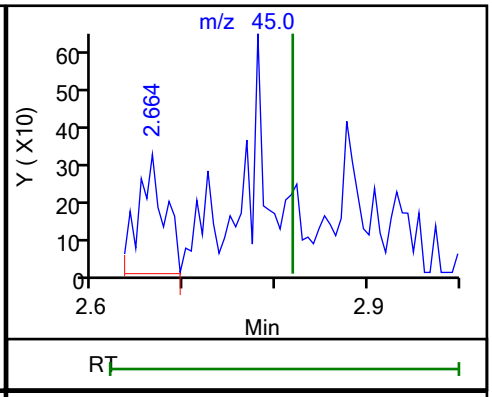
Eurofins Edison

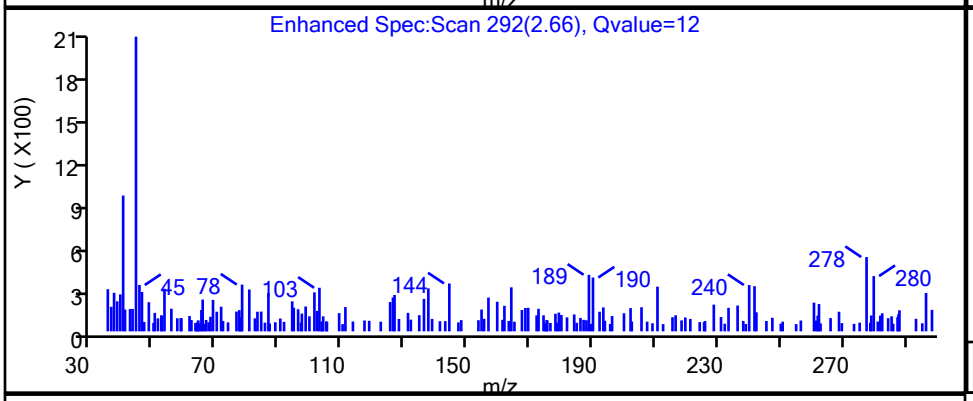
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

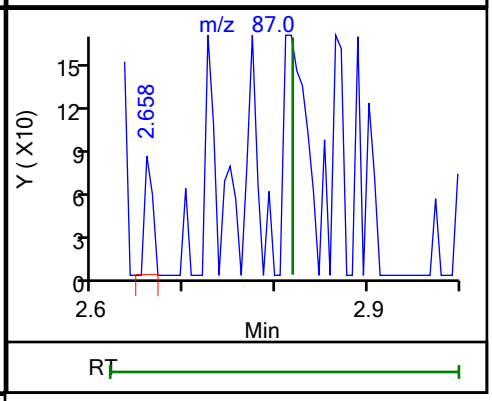
37 Isopropyl ether, CAS: 108-20-3

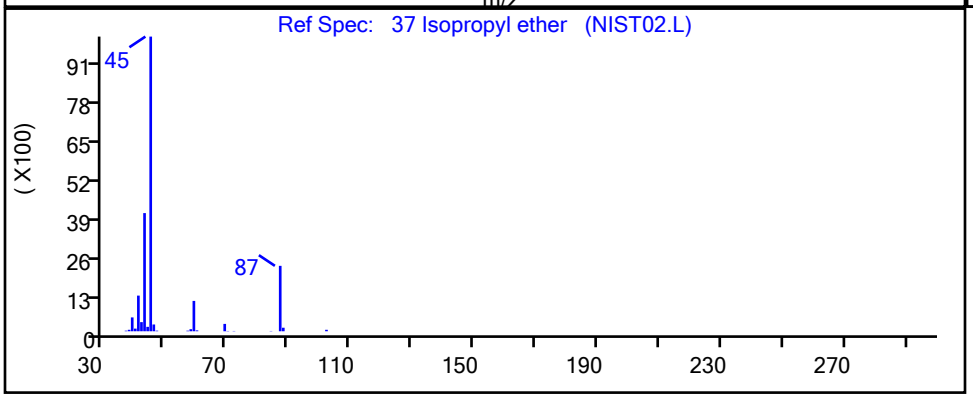
Processing Results











RT	Mass	Response	Amount
2.66	45.00	623	0.111159
2.66	87.00	50	

Reviewer: HVW2, 14-Mar-2024 19:28:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

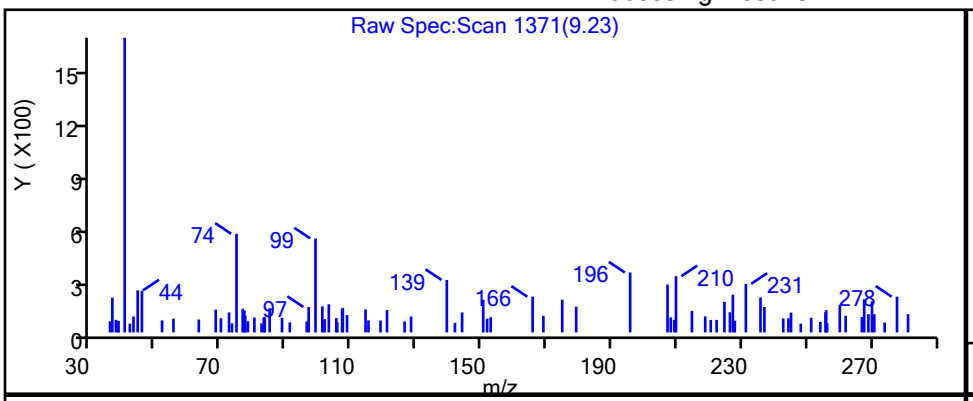
User Disabled Compound Report

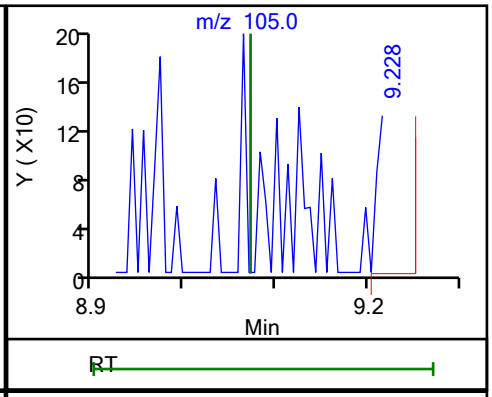
Eurofins Edison

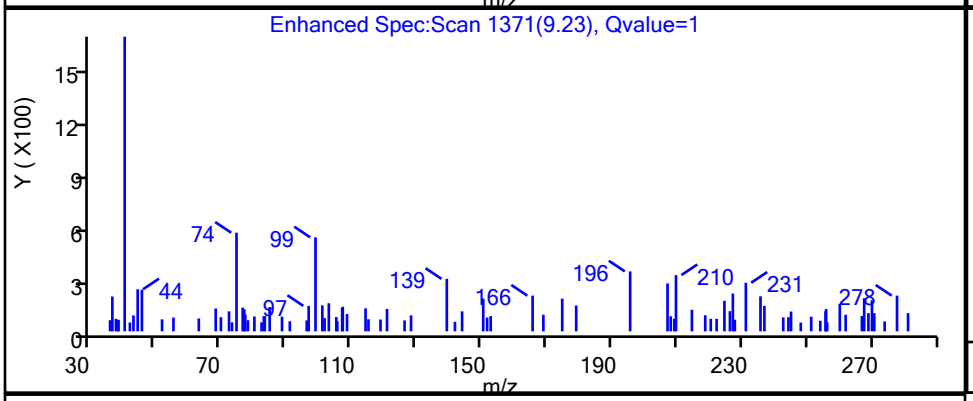
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

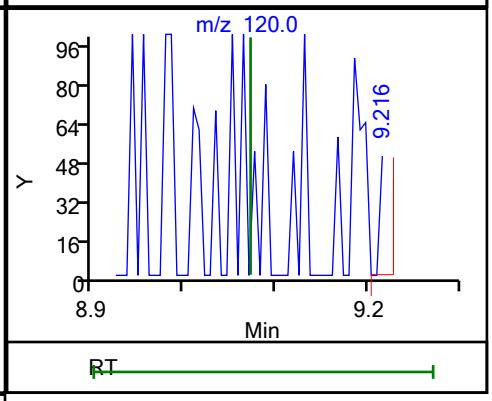
104 Isopropylbenzene, CAS: 98-82-8

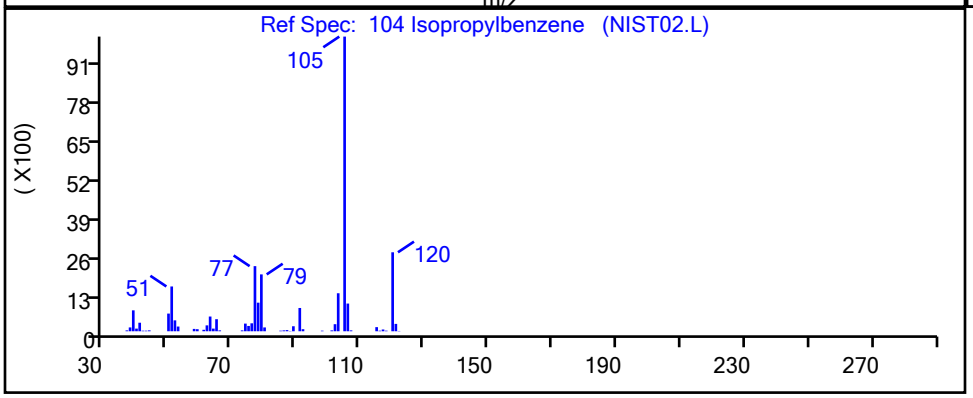
Processing Results











RT	Mass	Response	Amount
9.23	105.00	221	0.033423
9.22	120.00	18	

Reviewer: HVW2, 14-Mar-2024 19:30:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

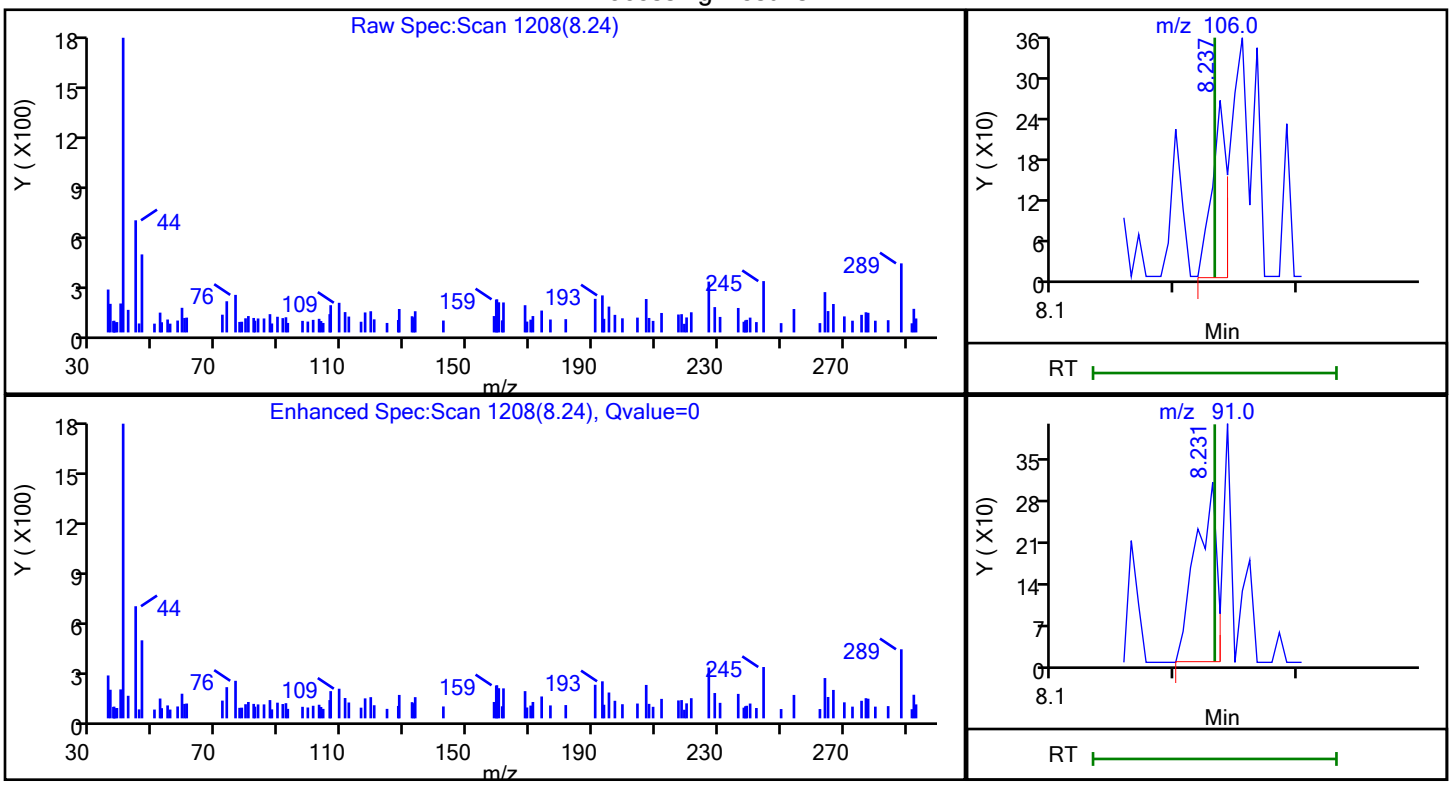
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.24	106.00	227	0.053018
8.23	91.00	375	

Reviewer: HVW2, 14-Mar-2024 19:30:30 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

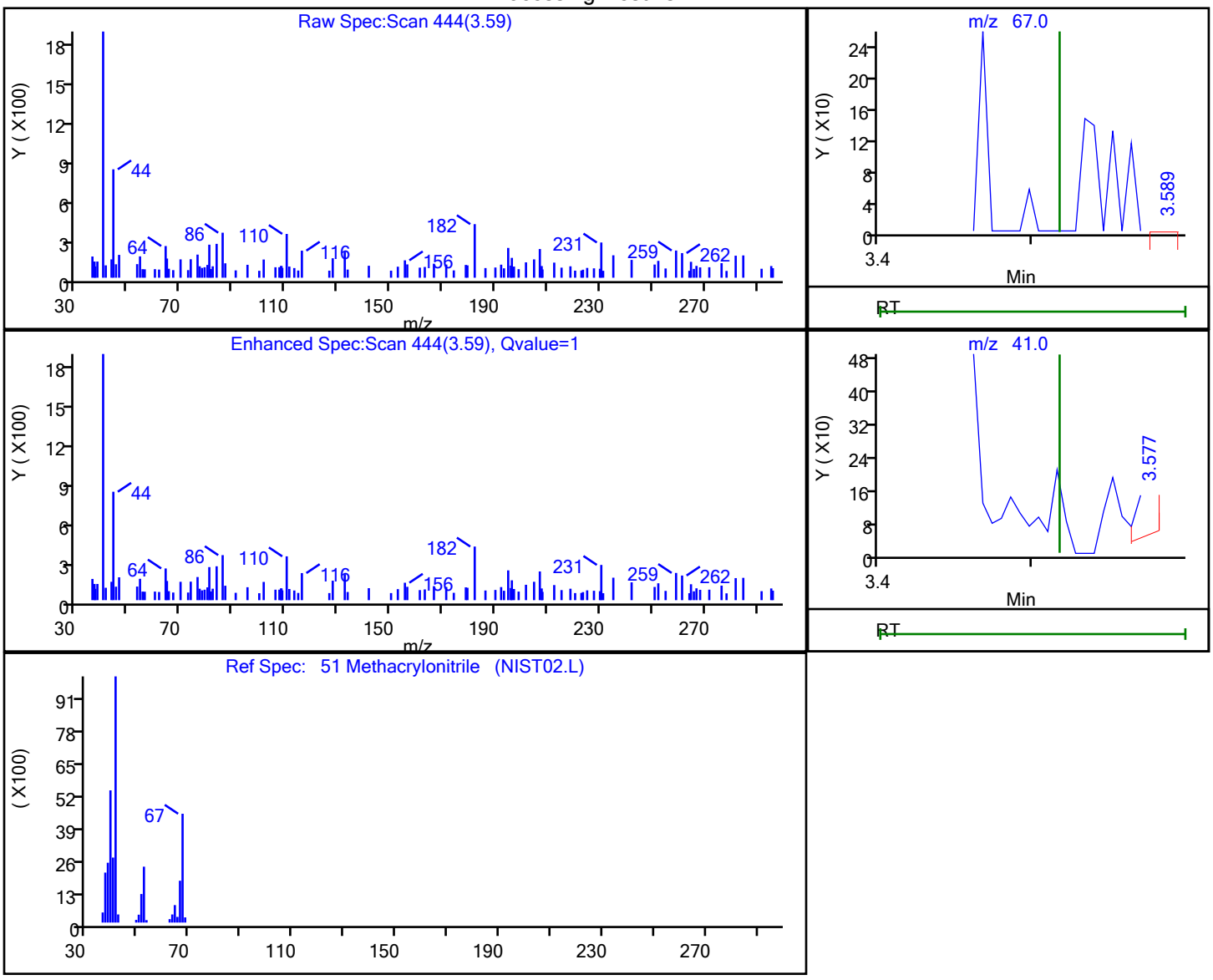
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

51 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.59	67.00	39	0.048288
3.58	41.00	125	

Reviewer: HVW2, 14-Mar-2024 19:29:13 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

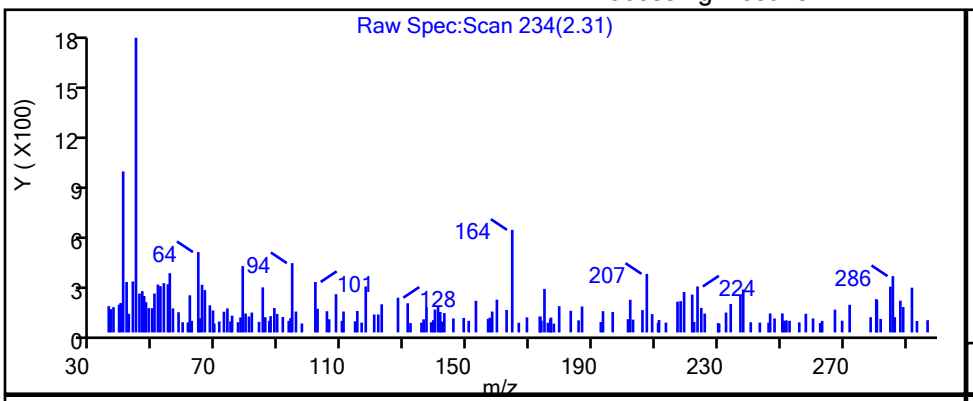
User Disabled Compound Report

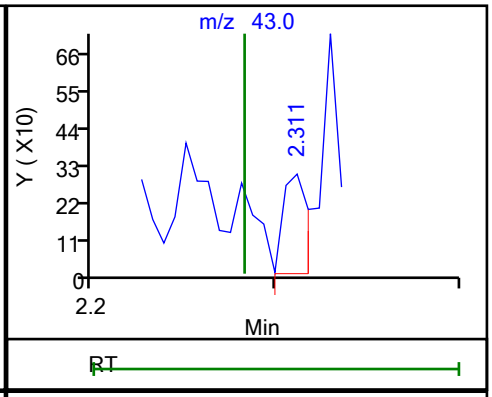
Eurofins Edison

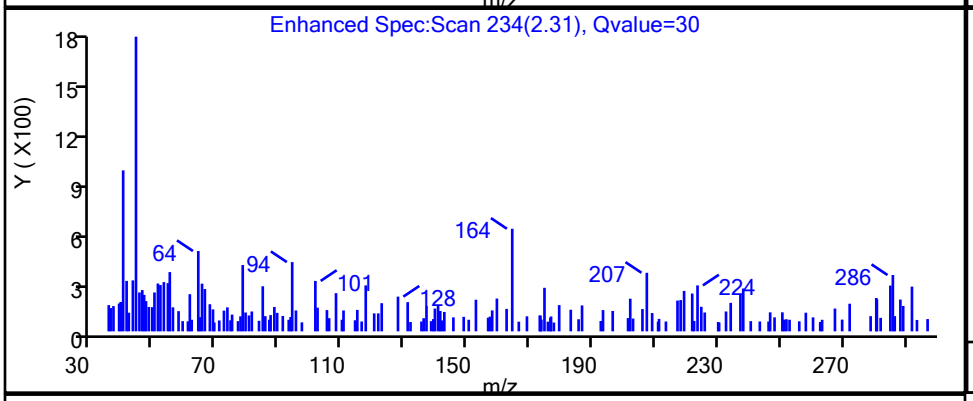
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

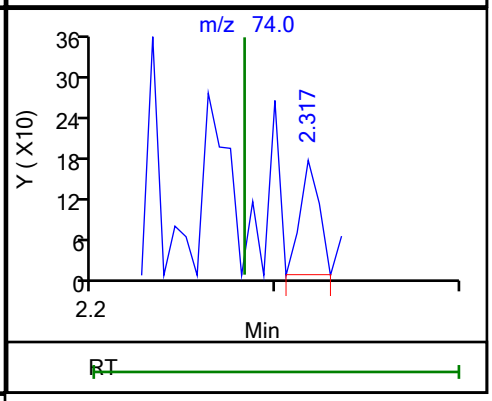
28 Methyl acetate, CAS: 79-20-9

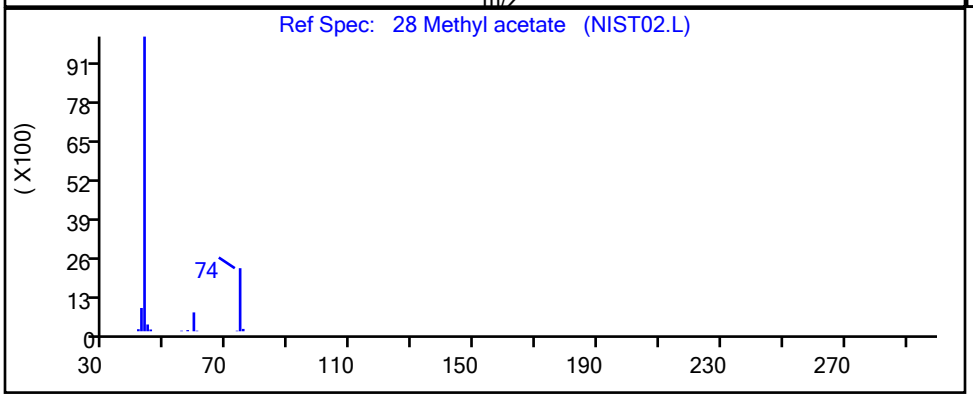
Processing Results











RT	Mass	Response	Amount
2.31	43.00	272	0.204105
2.32	74.00	126	

Reviewer: HVW2, 14-Mar-2024 19:28:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

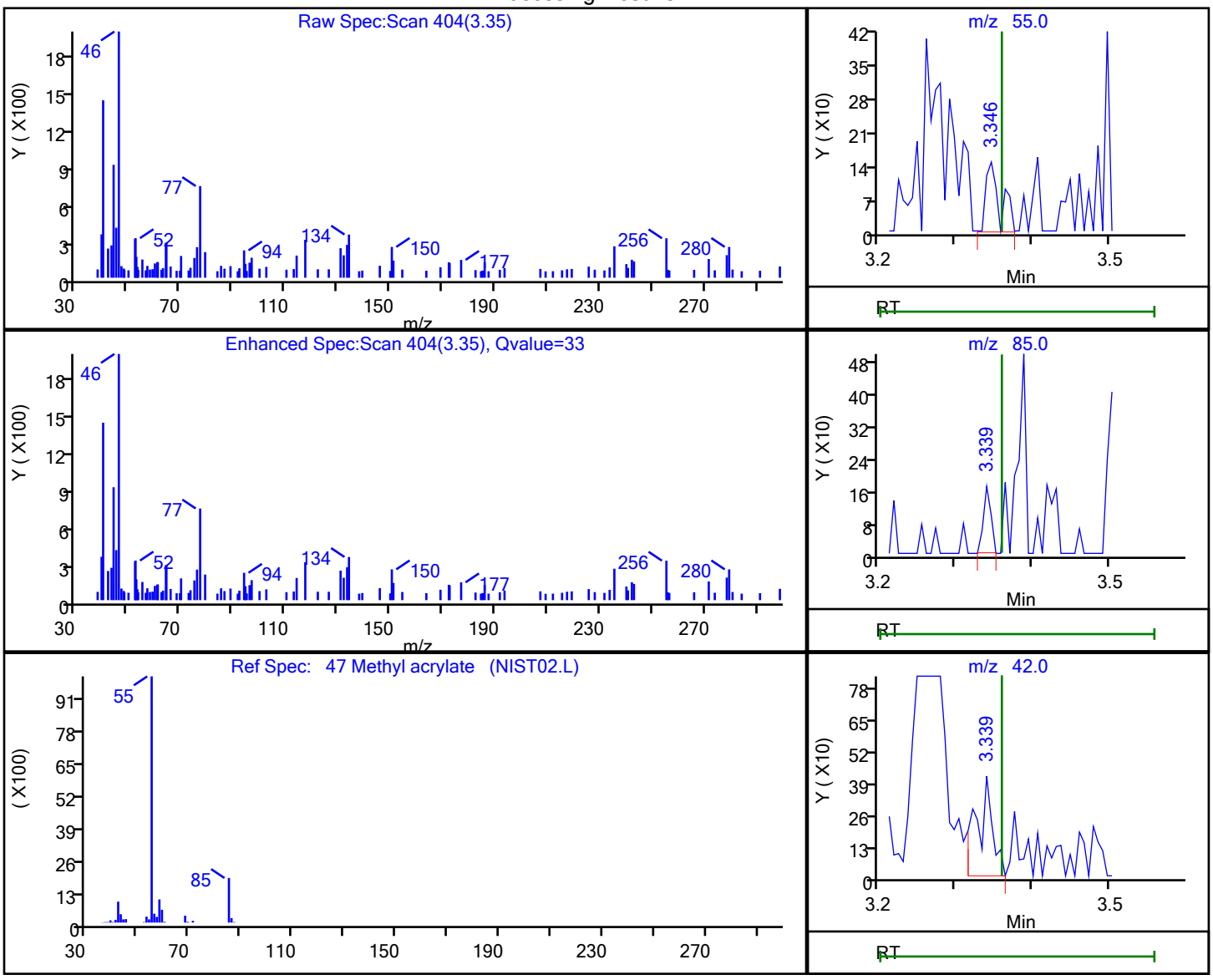
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.35	55.00	185	0.103524
3.34	85.00	115	
3.34	42.00	599	

Reviewer: HVW2, 14-Mar-2024 19:29:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

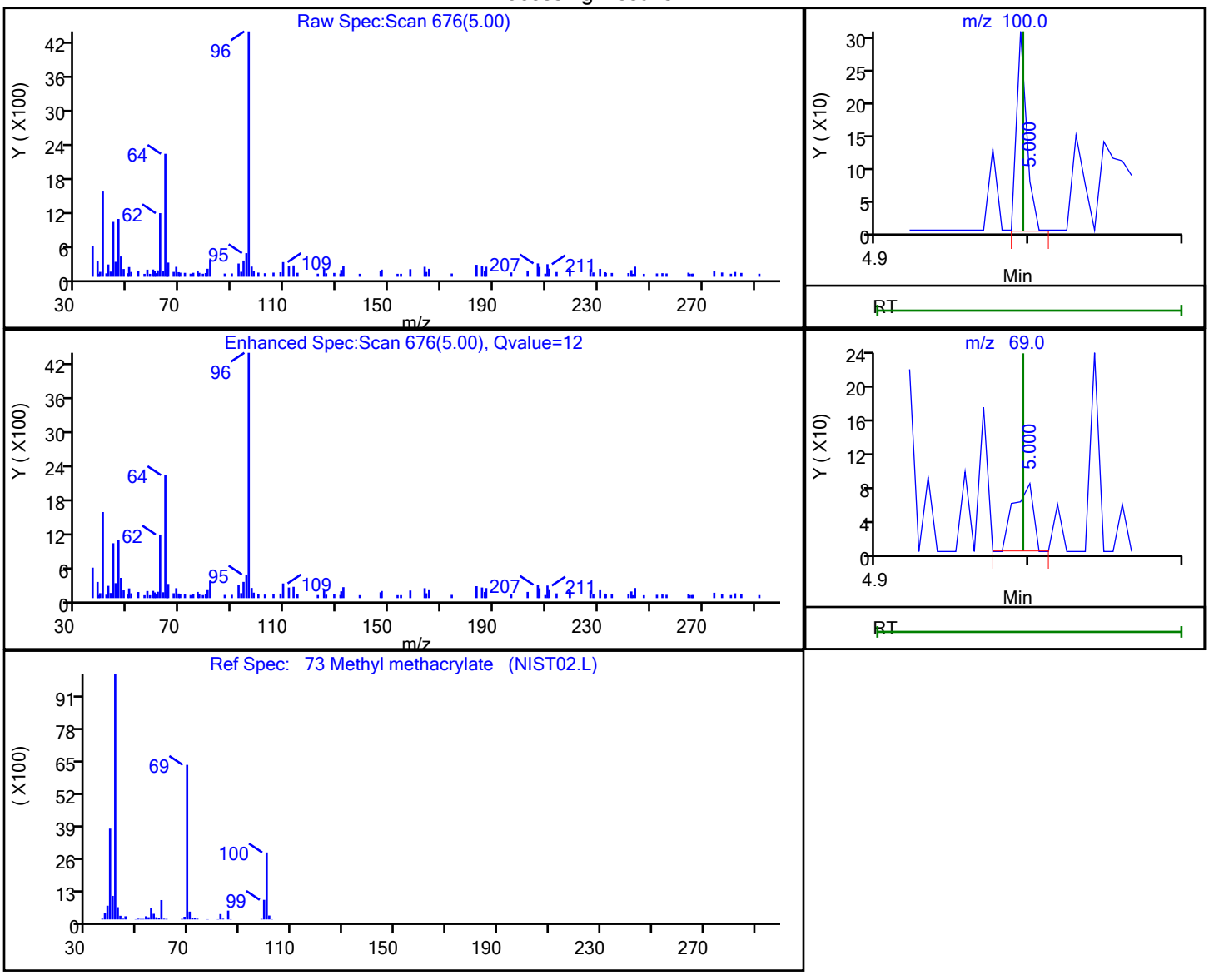
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

73 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
5.00	100.00	137	0.287658
5.00	69.00	73	

Reviewer: HVW2, 14-Mar-2024 19:29:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

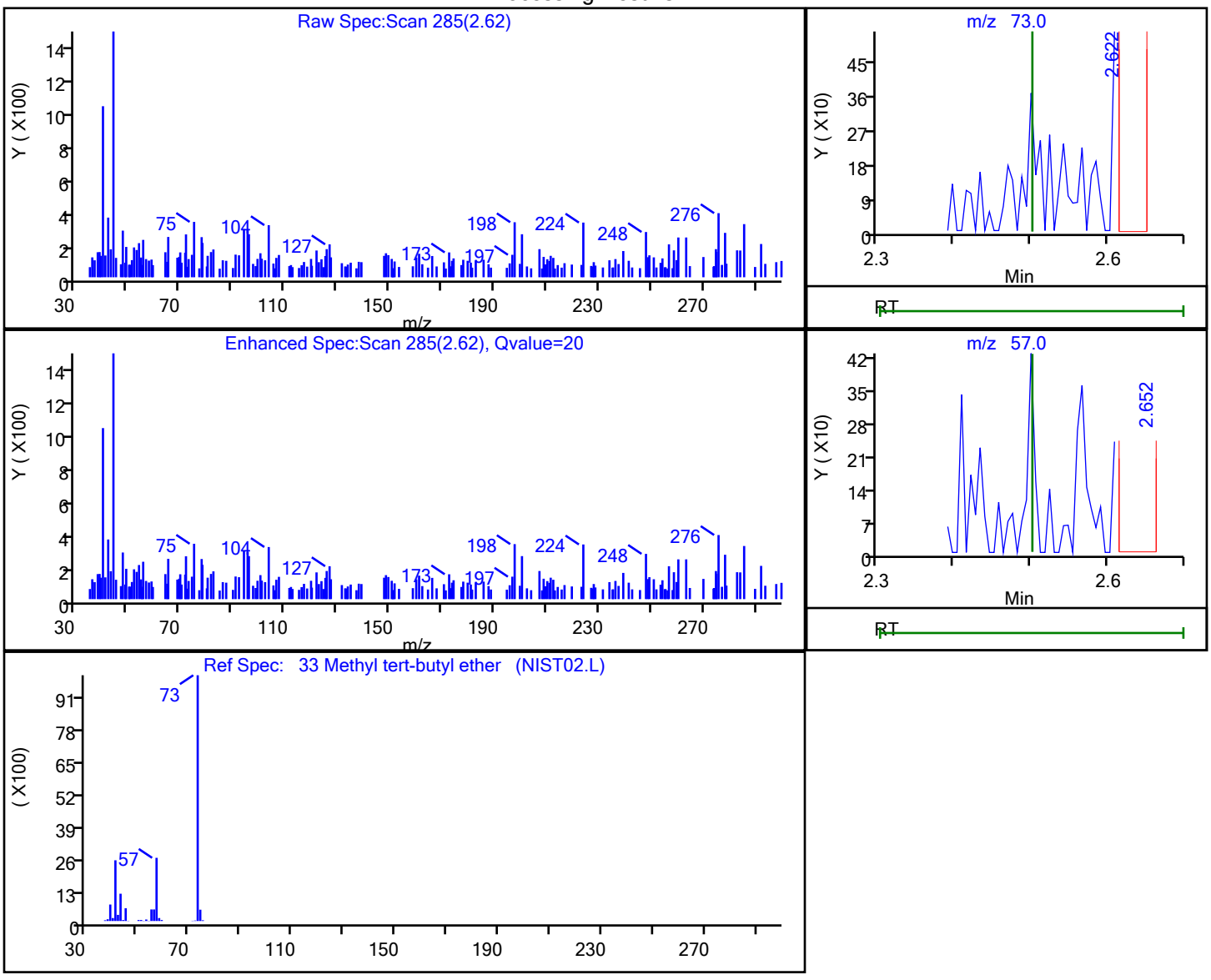
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.62	73.00	114	0.026193
2.65	57.00	168	

Reviewer: HVW2, 14-Mar-2024 19:28:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

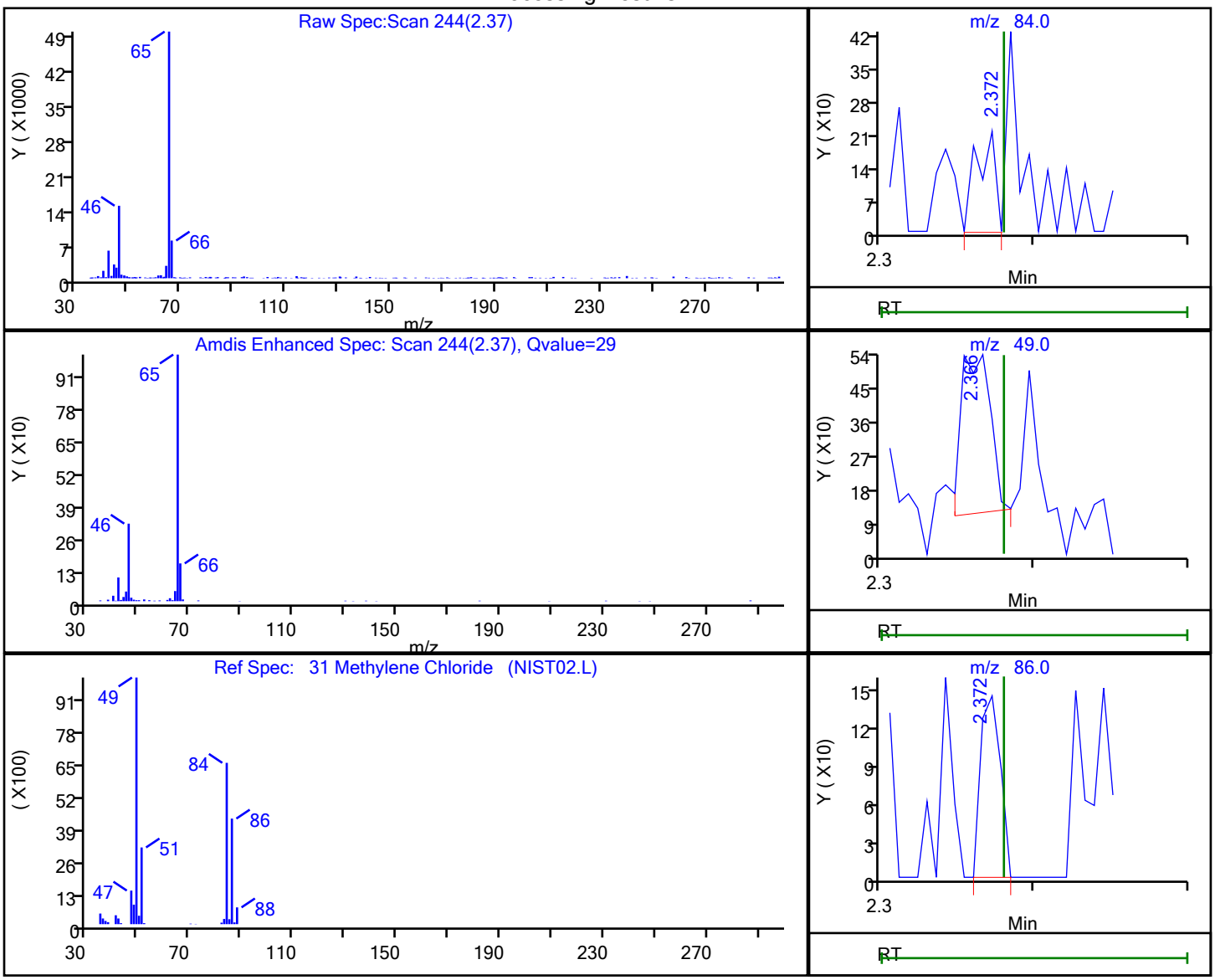
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.37	84.00	183	0.091056
2.37	49.00	570	
2.37	86.00	125	

Reviewer: HVW2, 14-Mar-2024 19:28:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

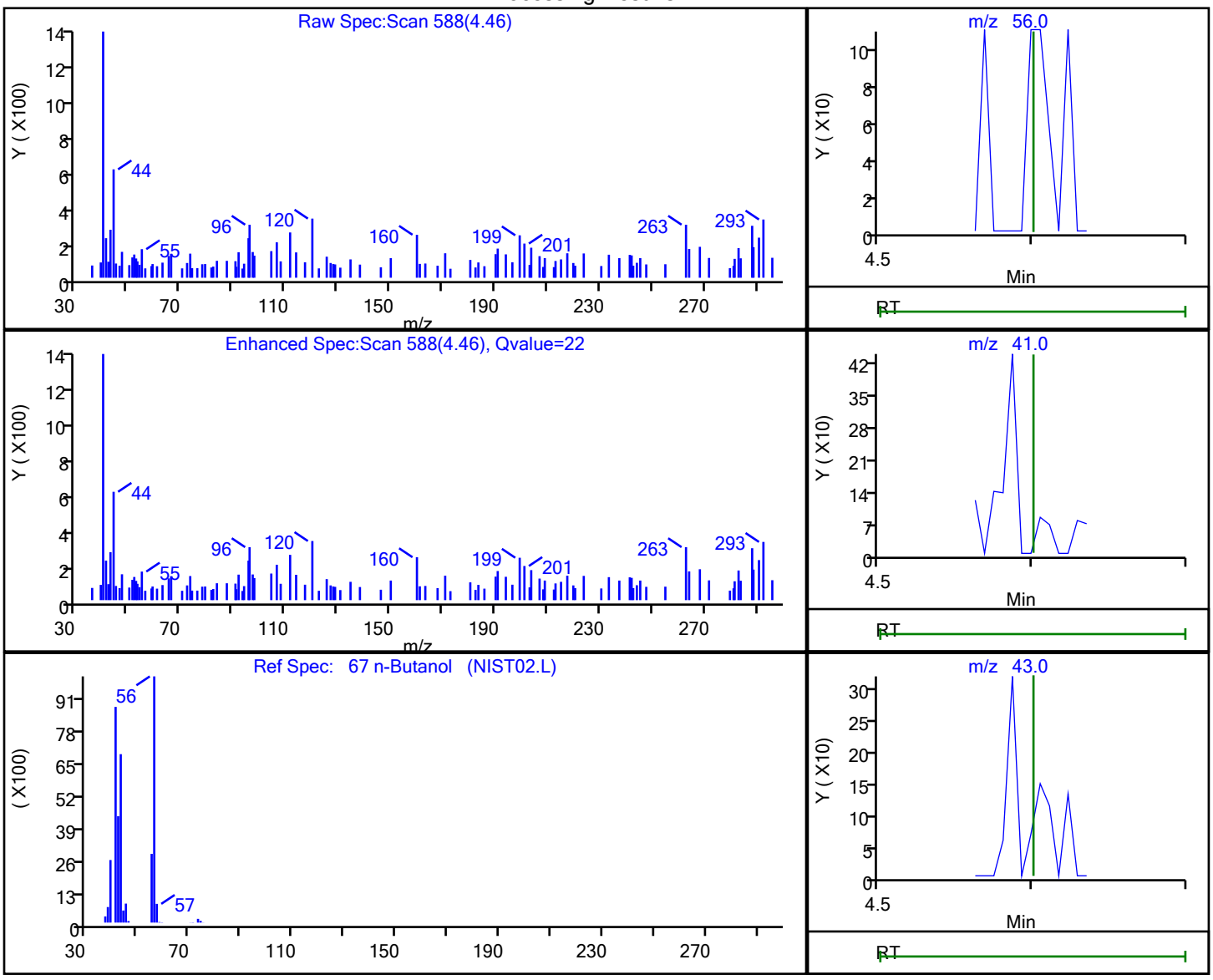
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.46	56.00	19	0.651230
4.46	41.00	237	
4.46	43.00	438	

Reviewer: HVW2, 14-Mar-2024 19:29:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

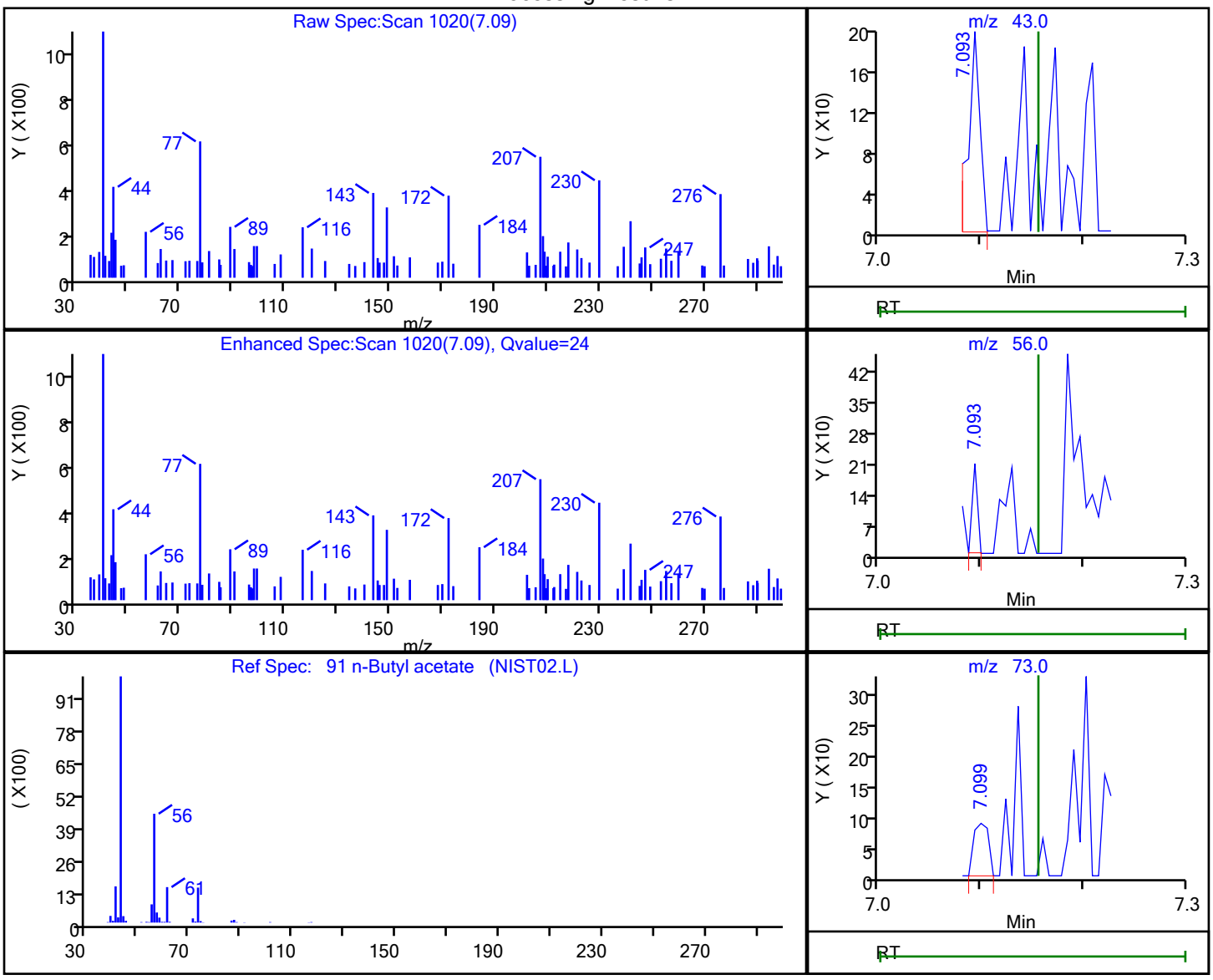
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

91 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.09	43.00	157	0.049383
7.09	56.00	74	
7.10	73.00	87	

Reviewer: HVW2, 14-Mar-2024 19:30:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

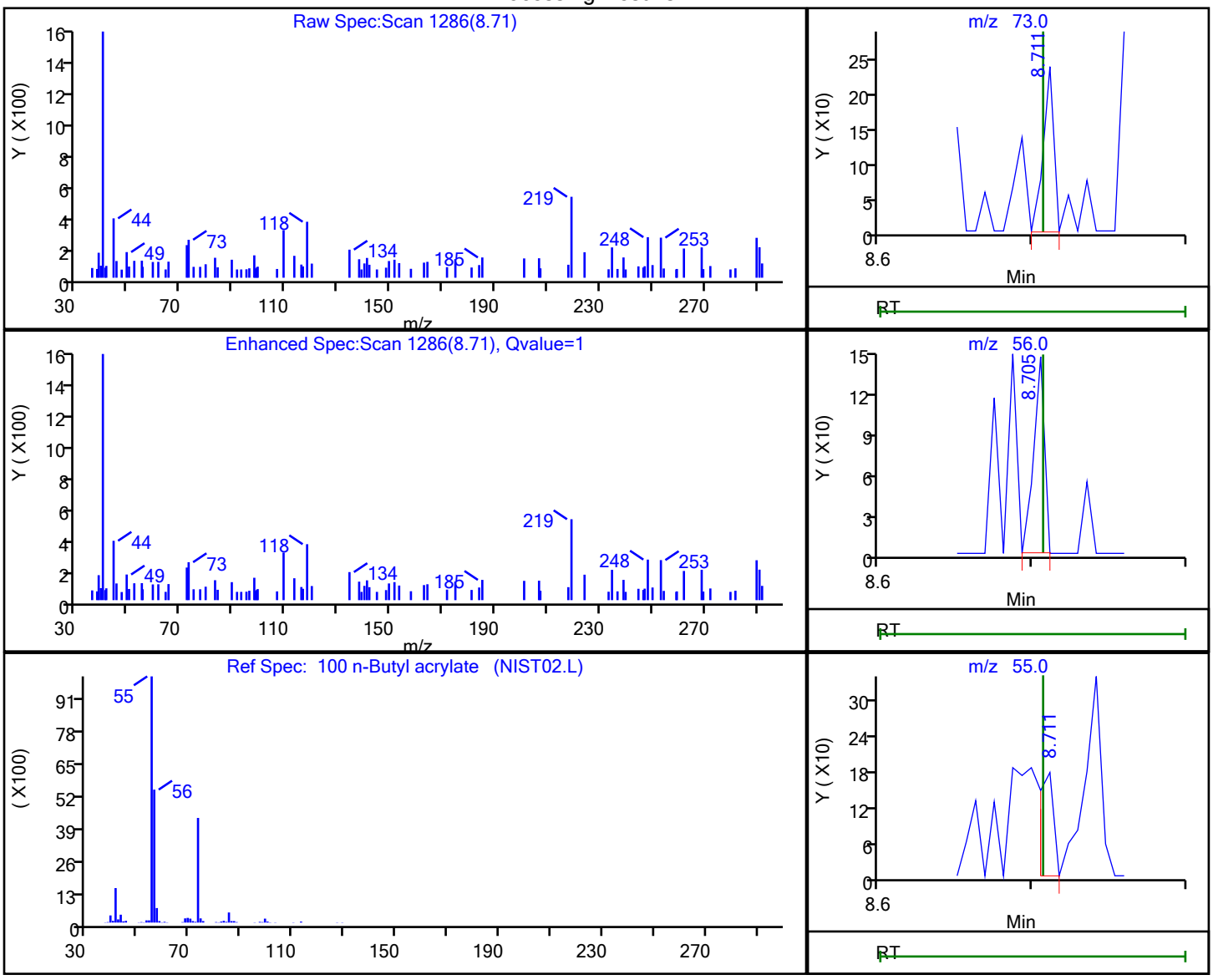
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

100 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.71	73.00	112	0.060663
8.71	56.00	71	
8.71	55.00	114	

Reviewer: HVW2, 14-Mar-2024 19:30:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

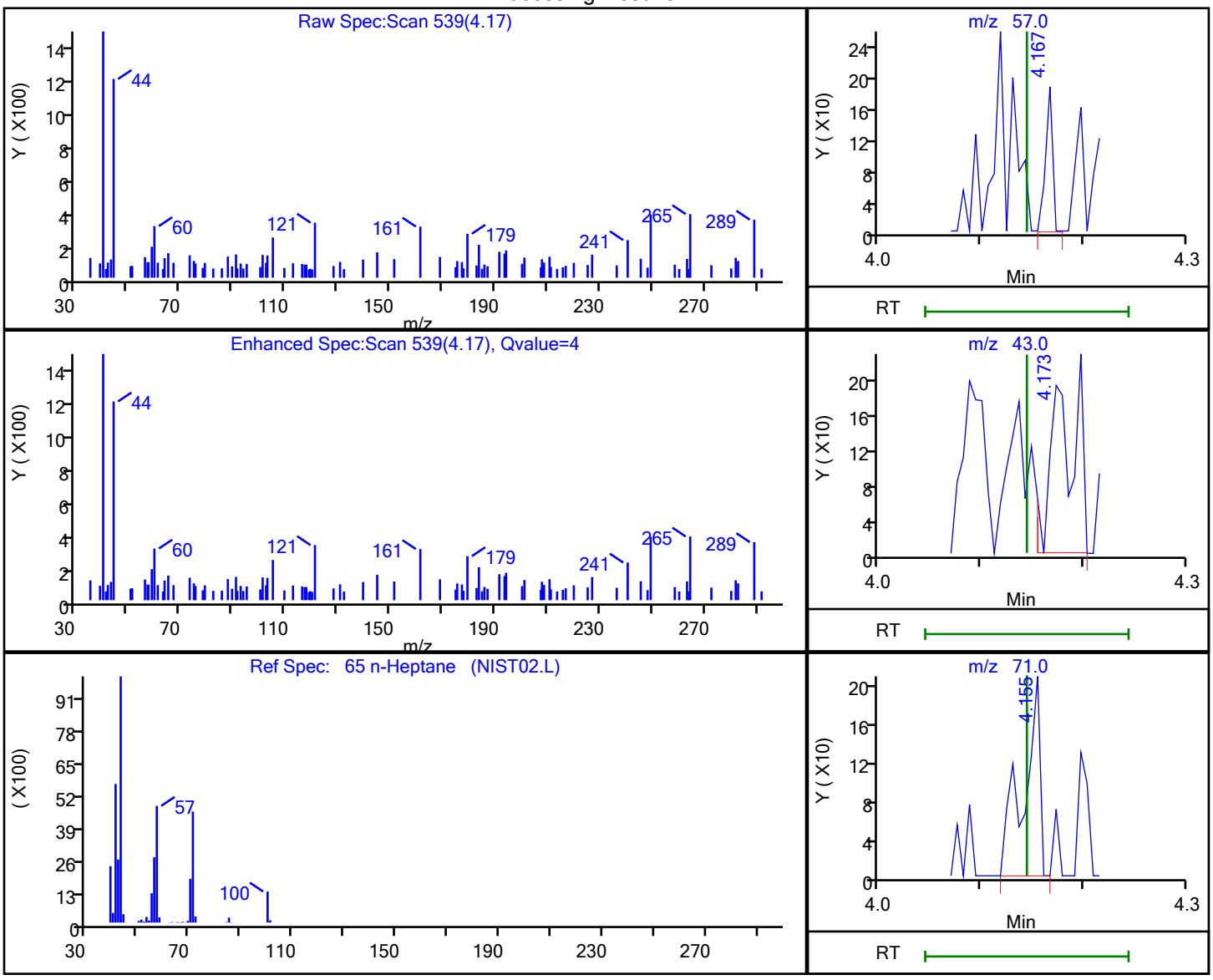
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.17	57.00	90	0.087506
4.17	43.00	331	
4.15	71.00	231	

Reviewer: HVW2, 14-Mar-2024 19:29:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

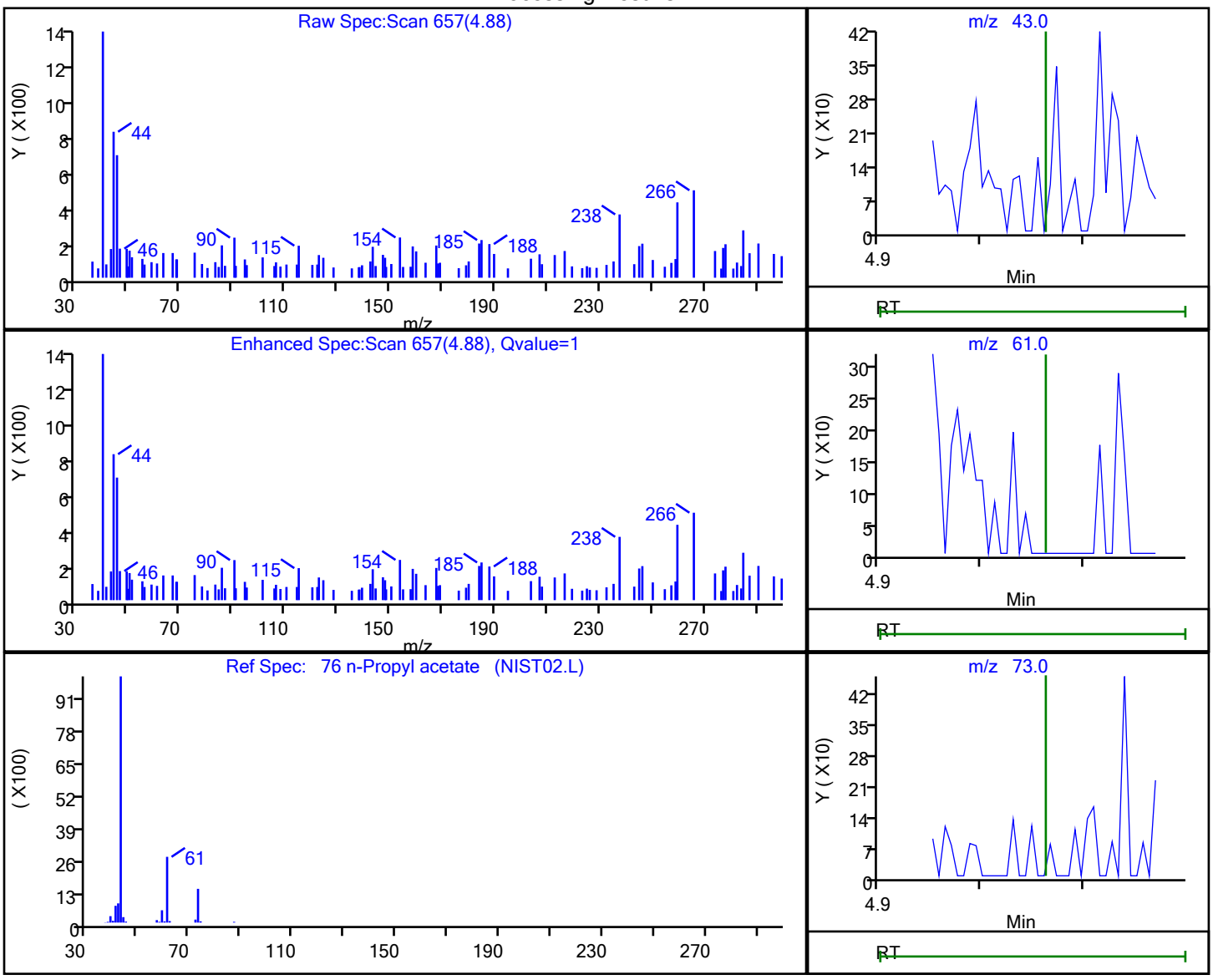
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

76 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
4.88	43.00	268	0.107169
4.88	61.00	131	
4.87	73.00	141	

Reviewer: HVW2, 14-Mar-2024 19:29:45 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

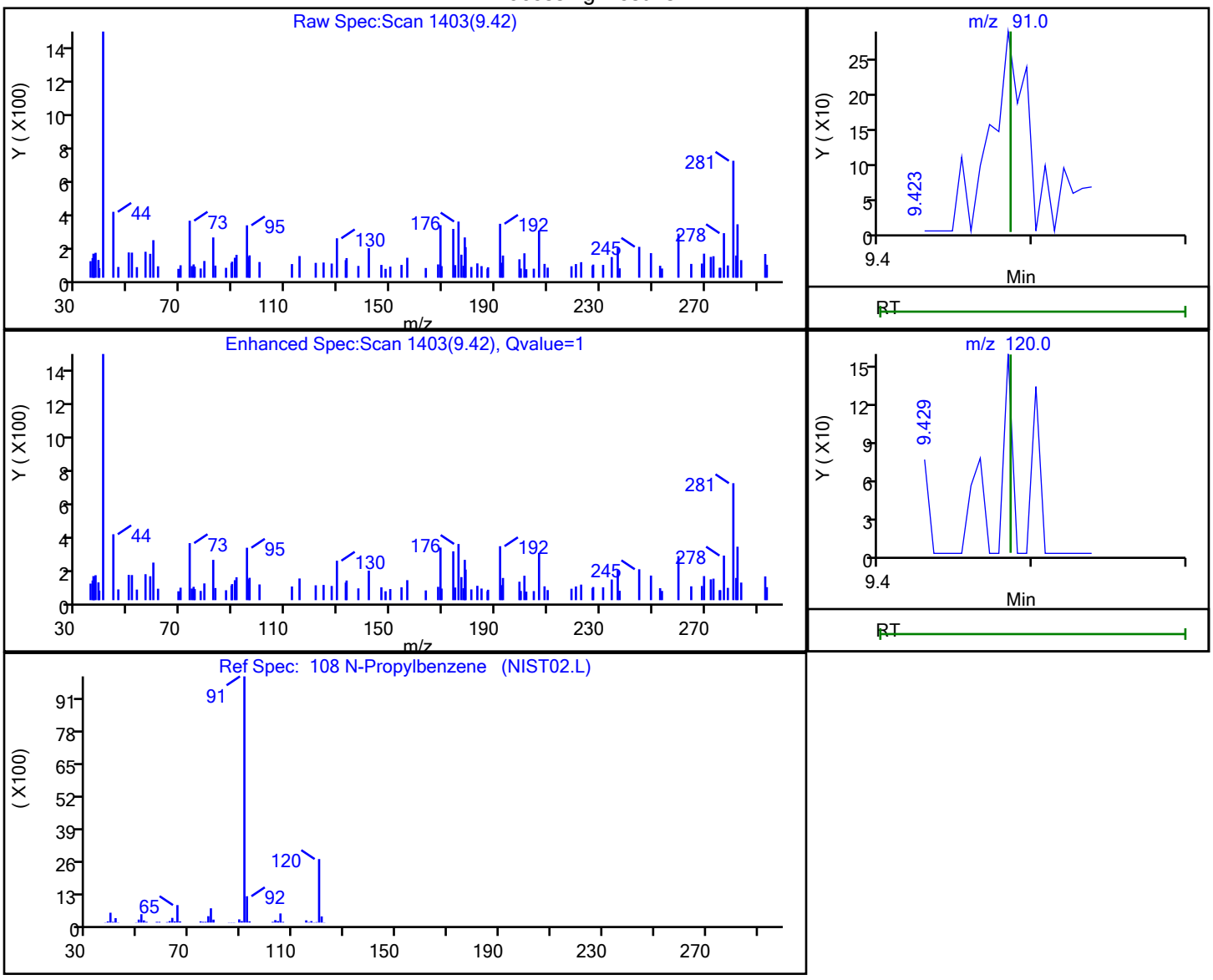
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

108 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
9.42	91.00	101	0.008898
9.43	120.00	26	

Reviewer: HVW2, 14-Mar-2024 19:30:42 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

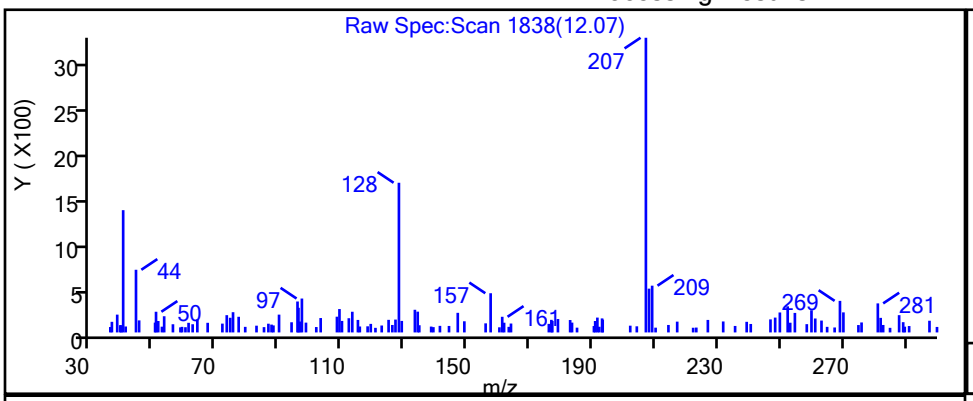
User Disabled Compound Report

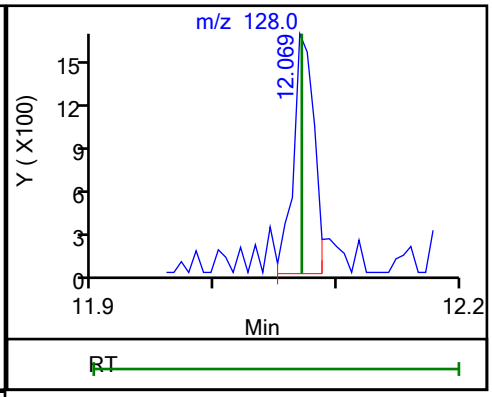
Eurofins Edison

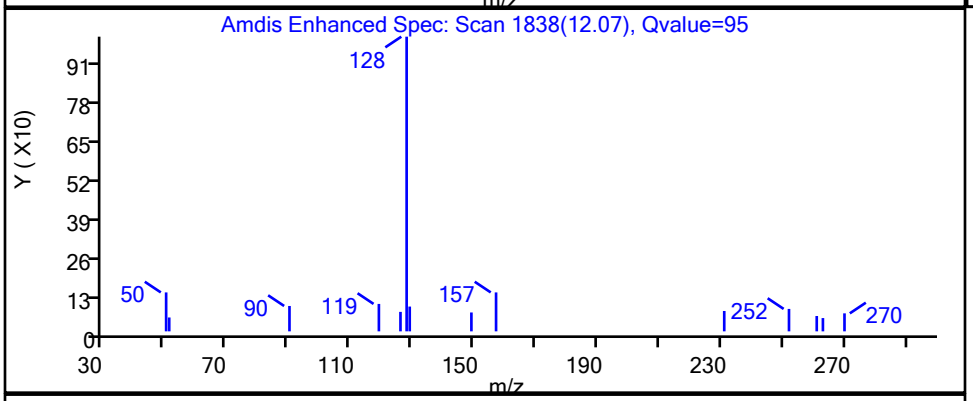
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

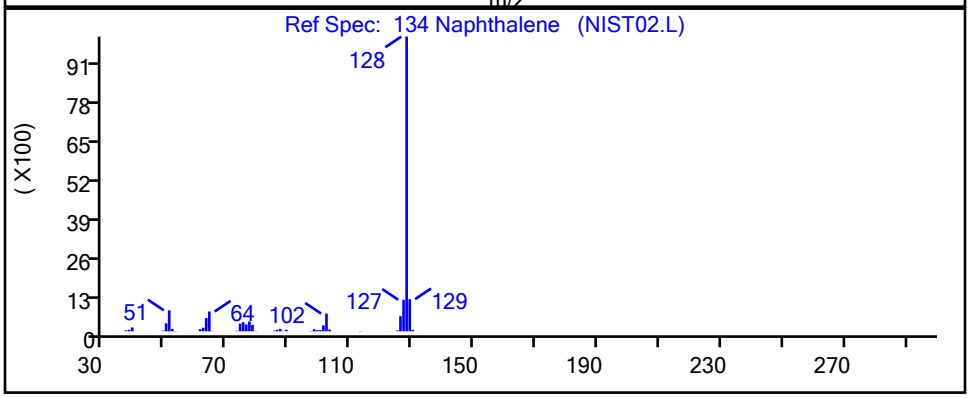
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
12.07	128.00	1964	0.248228

Reviewer: HVW2, 14-Mar-2024 19:31:15 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

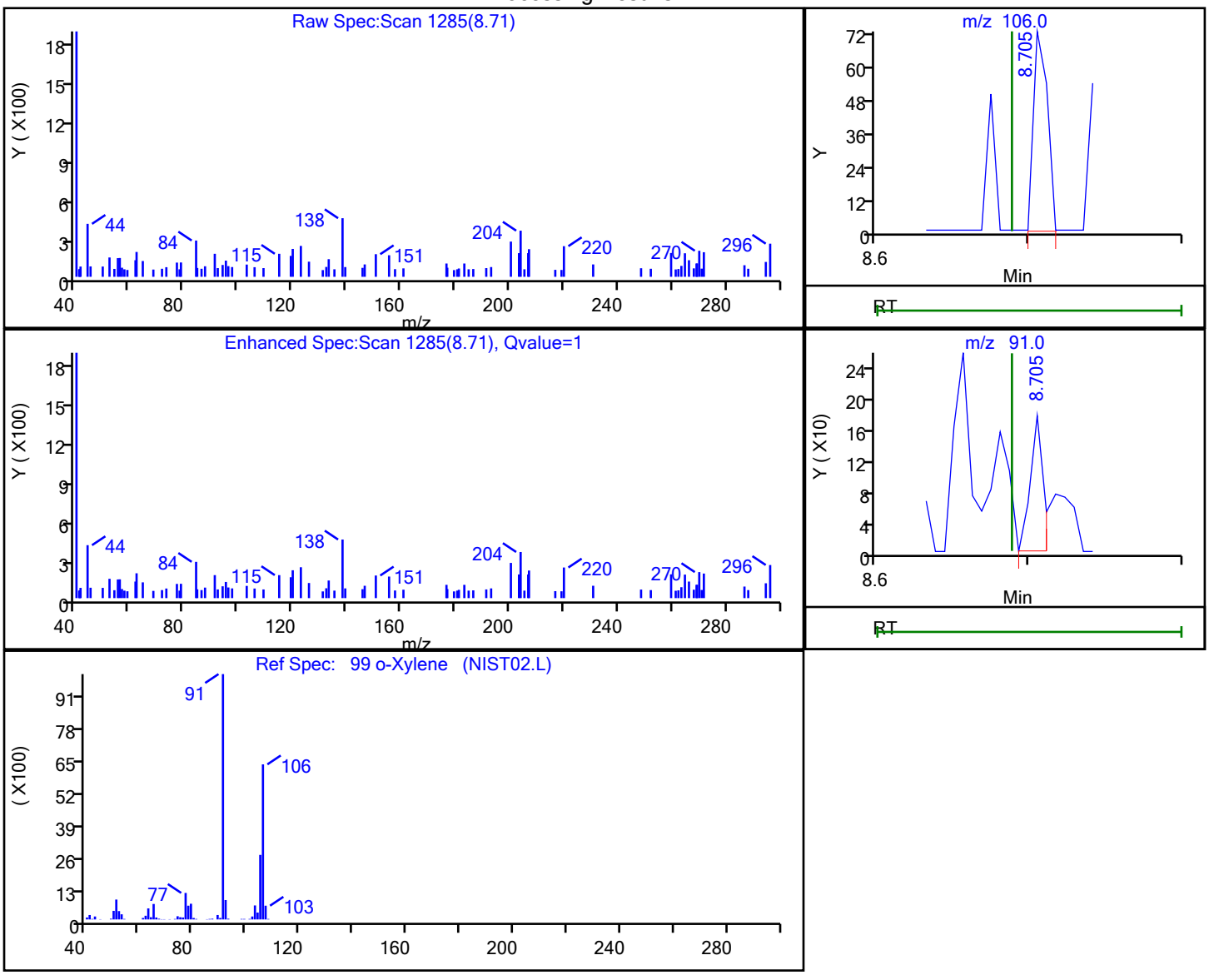
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

99 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
8.71	106.00	46	0.010860
8.71	91.00	105	

Reviewer: HVW2, 14-Mar-2024 19:30:31 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

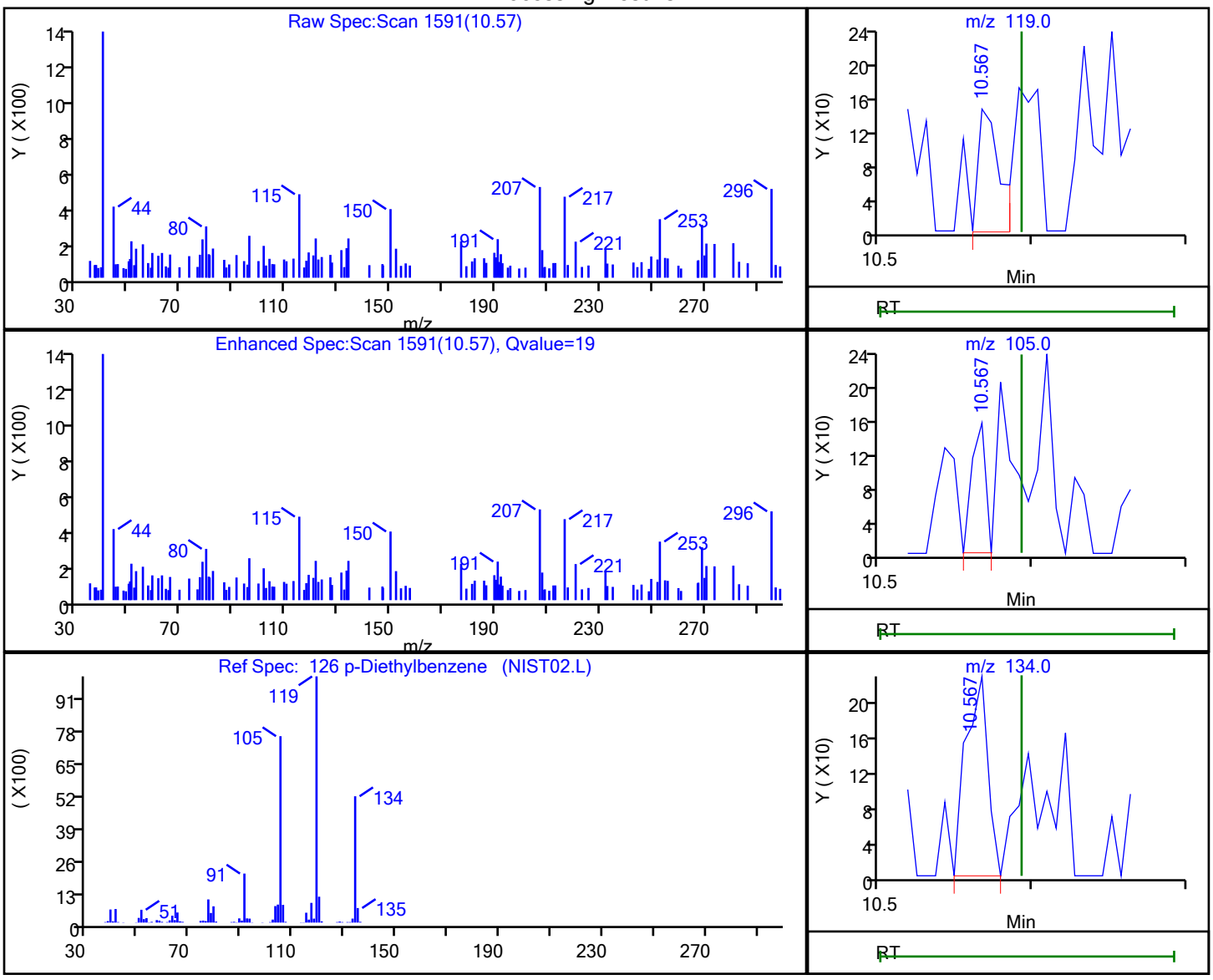
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.57	119.00	138	0.029505
10.57	105.00	97	
10.57	134.00	223	

Reviewer: HVW2, 14-Mar-2024 19:31:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

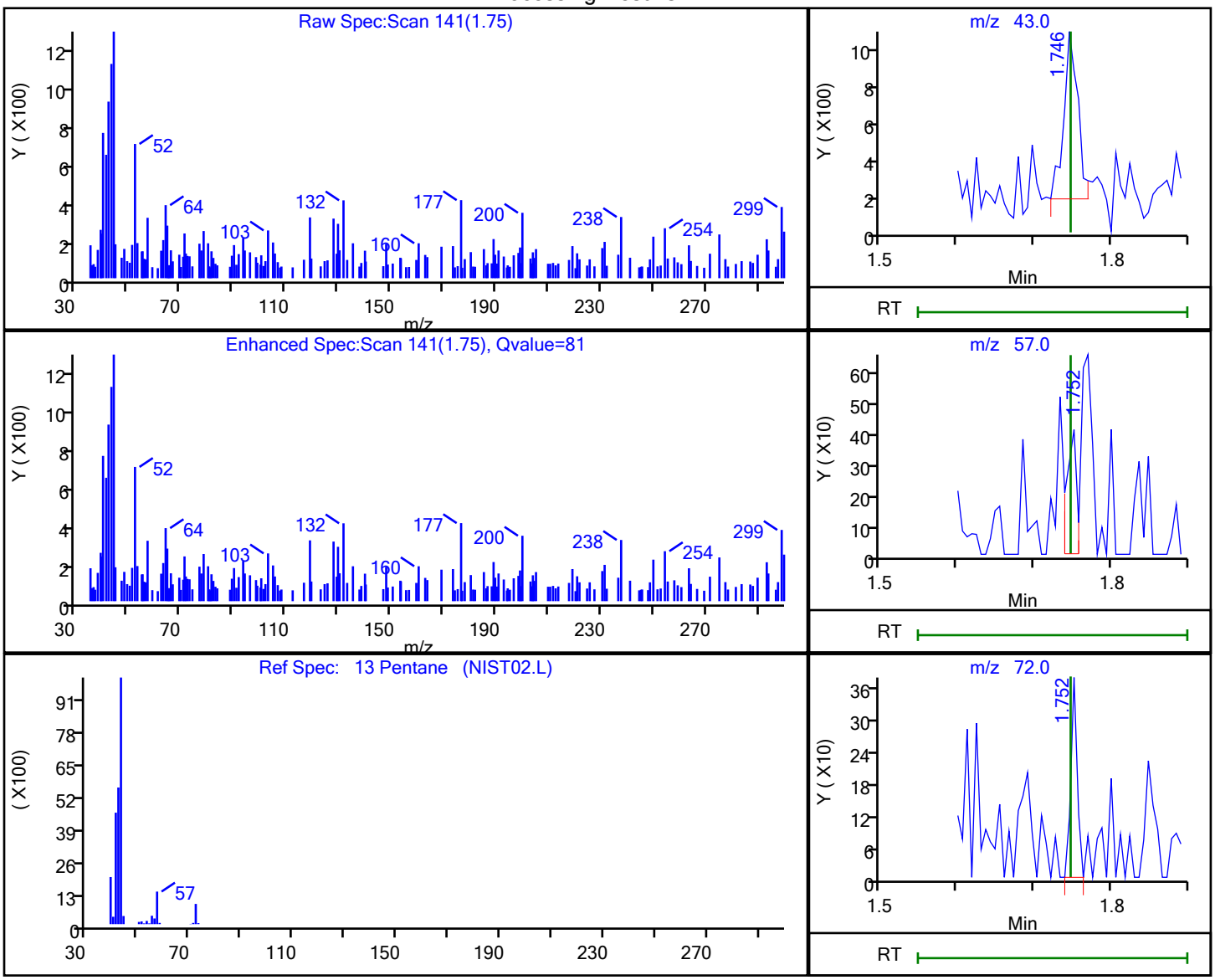
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.75	43.00	1142	0.338612
1.75	57.00	369	
1.75	72.00	219	

Reviewer: HVW2, 14-Mar-2024 19:28:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

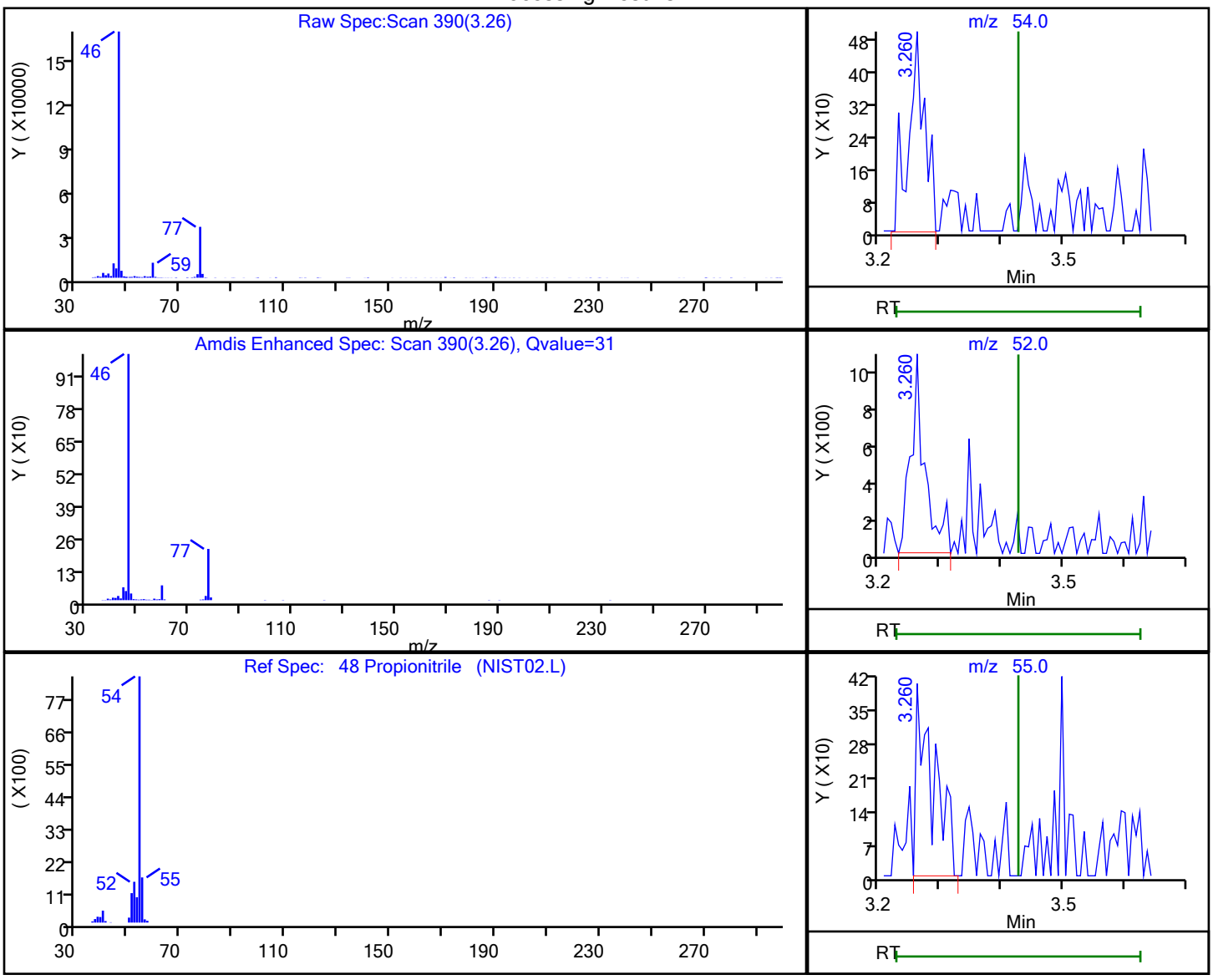
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.26	54.00	922	2.738428
3.26	52.00	1730	
3.26	55.00	798	

Reviewer: HVW2, 14-Mar-2024 19:29:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

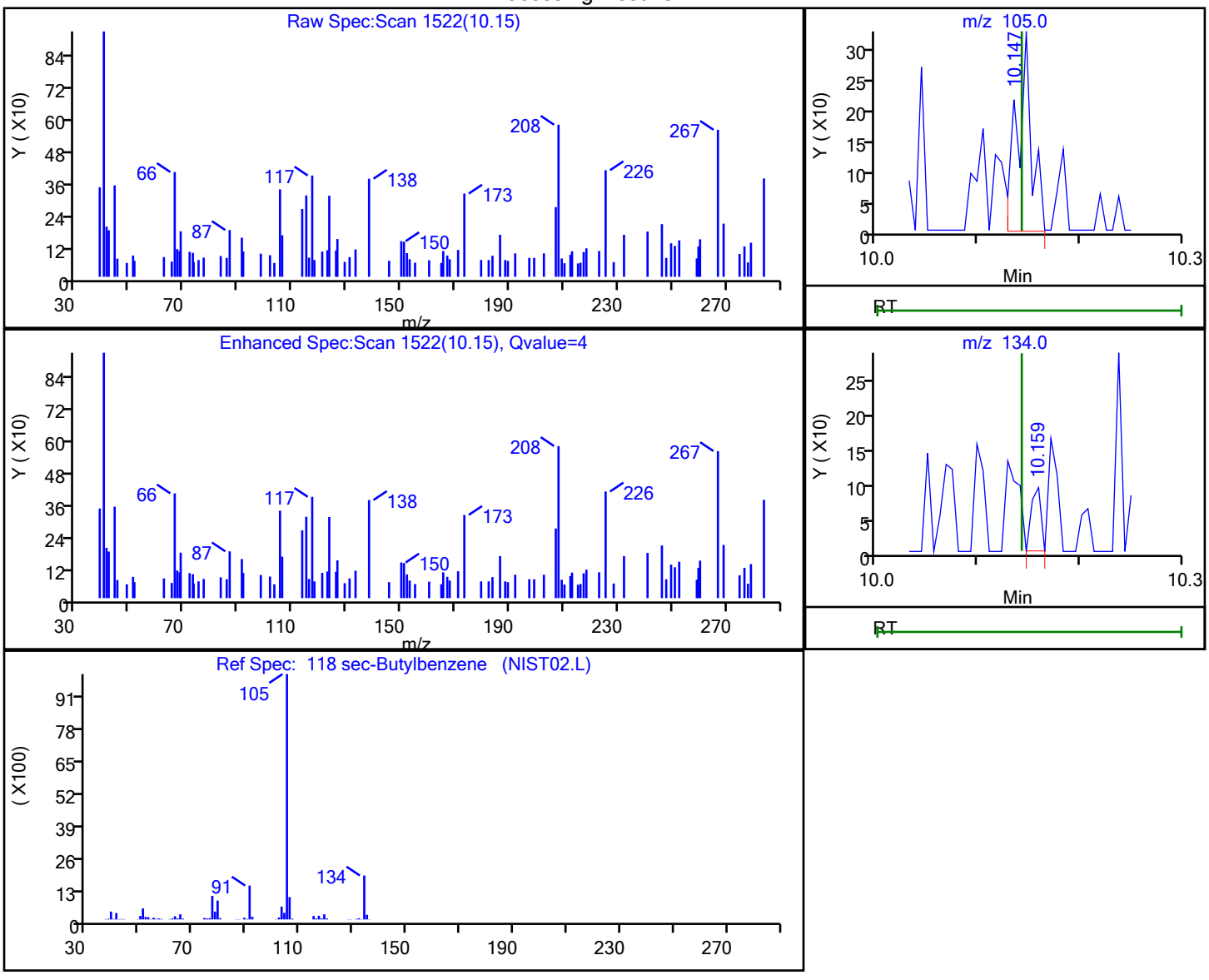
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.15	105.00	326	0.036569
10.16	134.00	60	

Reviewer: HVW2, 14-Mar-2024 19:30:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

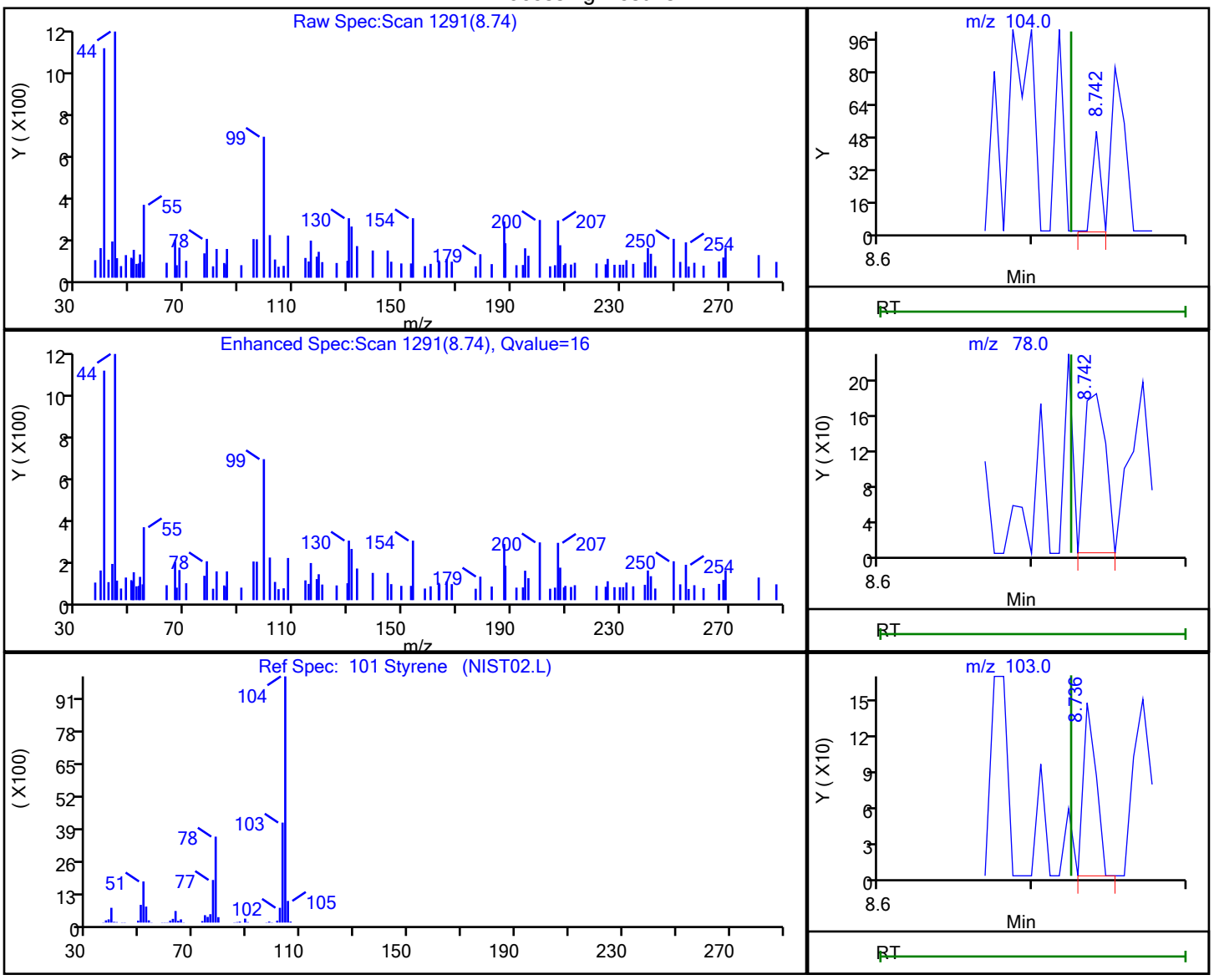
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.74	104.00	18	0.002530
8.74	78.00	171	
8.74	103.00	83	

Reviewer: HVW2, 14-Mar-2024 19:30:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

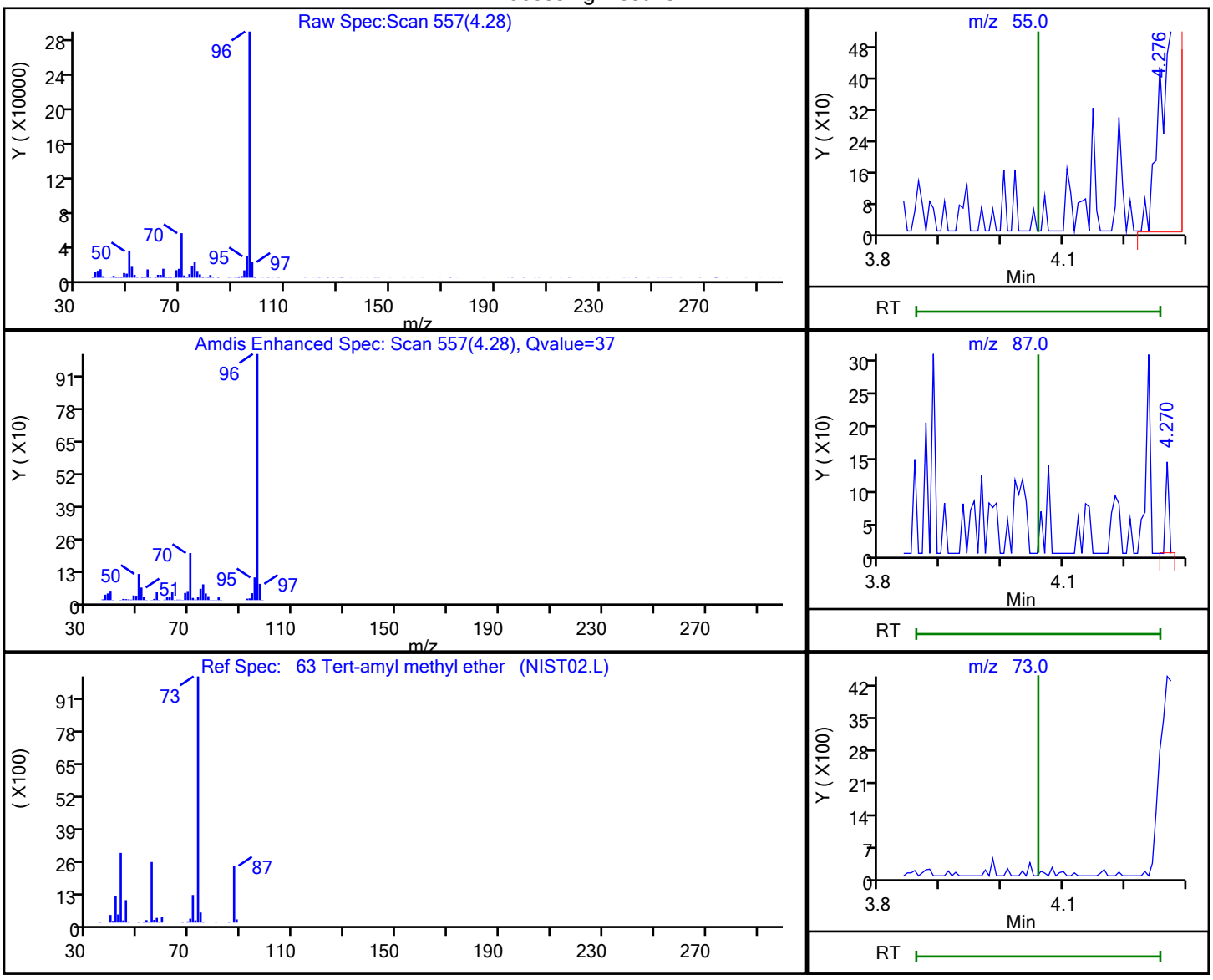
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
4.28	55.00	962	1.623202
4.27	87.00	51	
4.27	73.00	8312	

Reviewer: HVW2, 14-Mar-2024 19:29:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

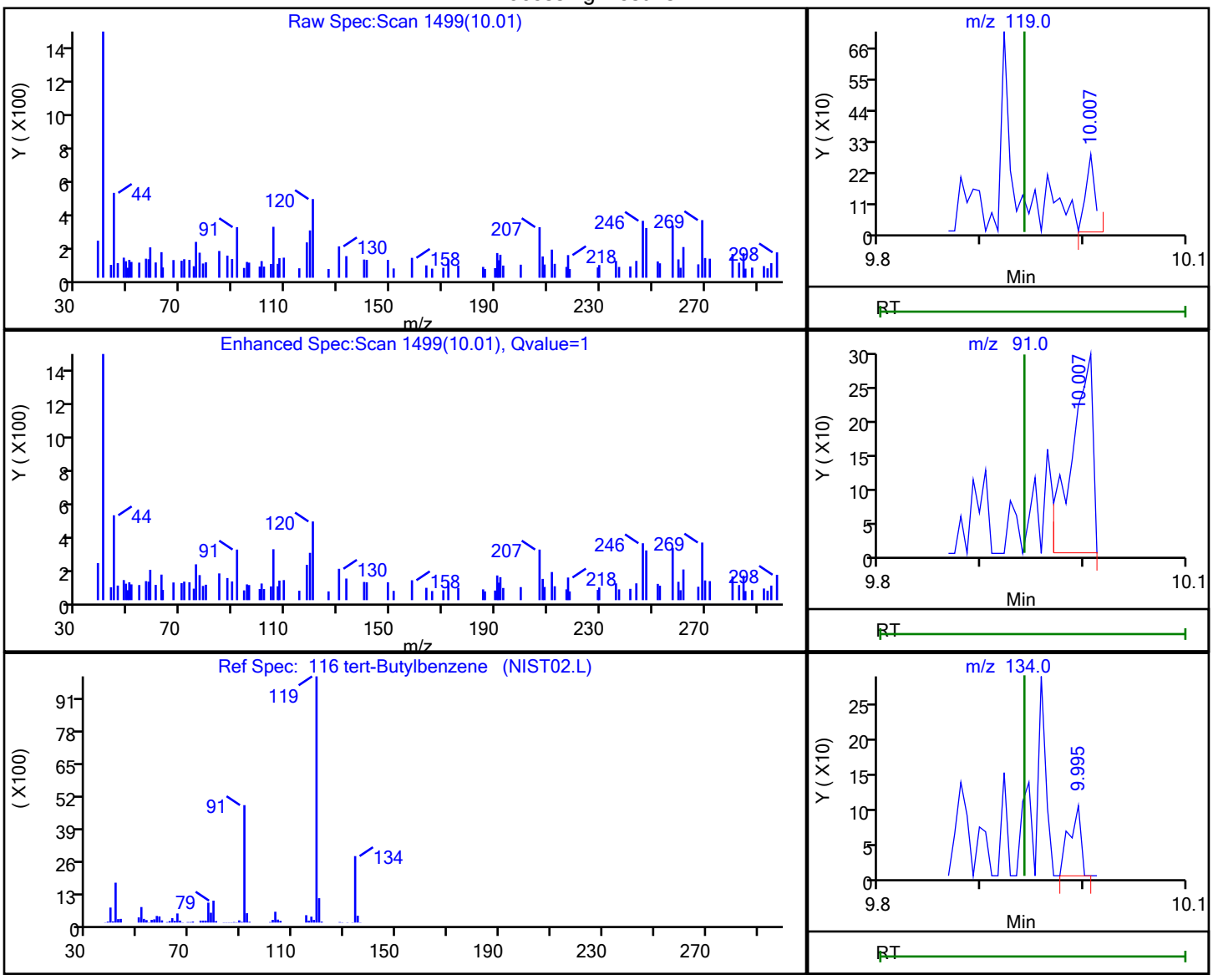
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.01	119.00	168	0.026346
10.01	91.00	425	
9.99	134.00	81	

Reviewer: HVW2, 14-Mar-2024 19:30:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

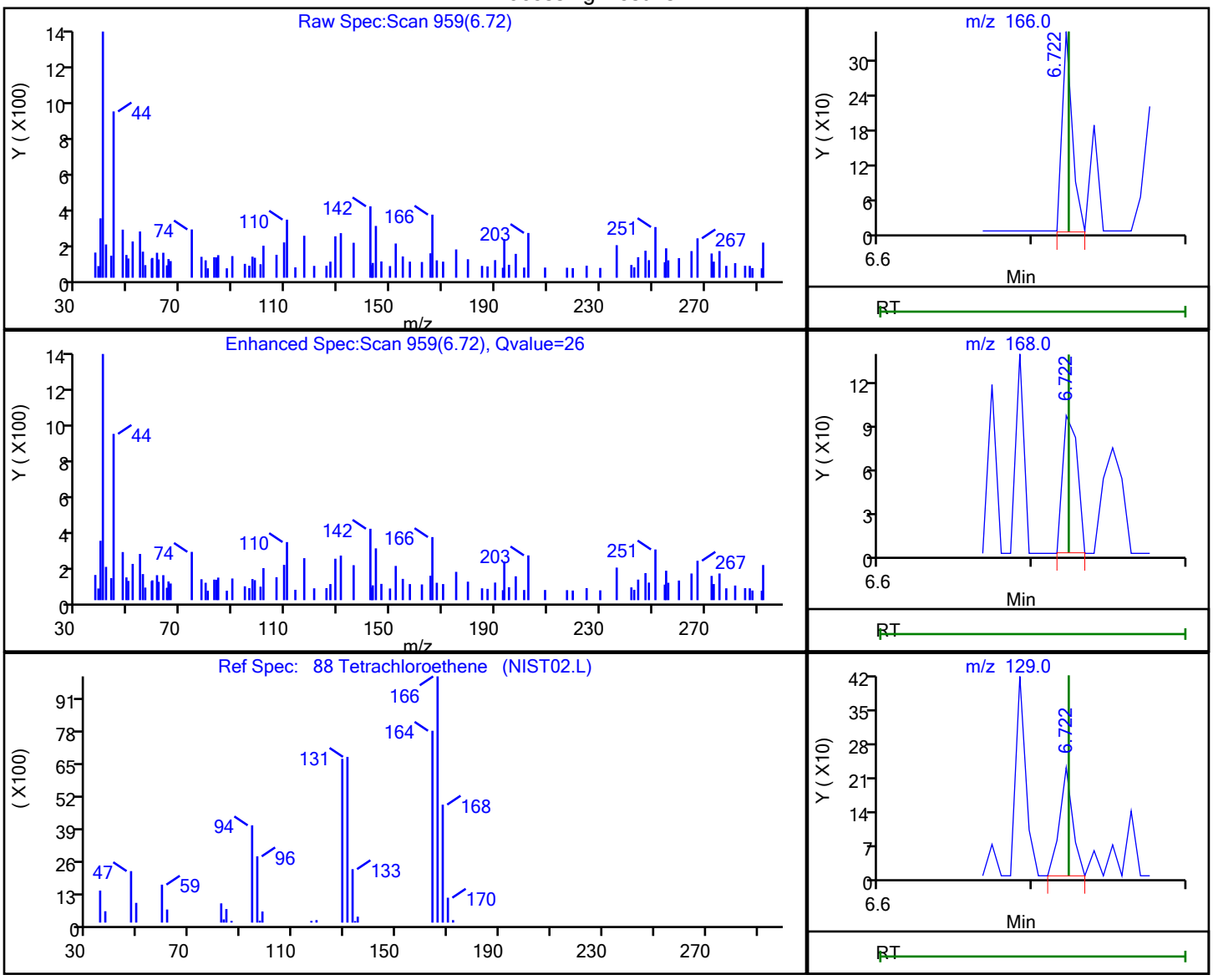
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Processing Results



RT	Mass	Response	Amount
6.72	166.00	155	0.052655
6.72	168.00	63	
6.72	129.00	134	

Reviewer: HVW2, 14-Mar-2024 19:30:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

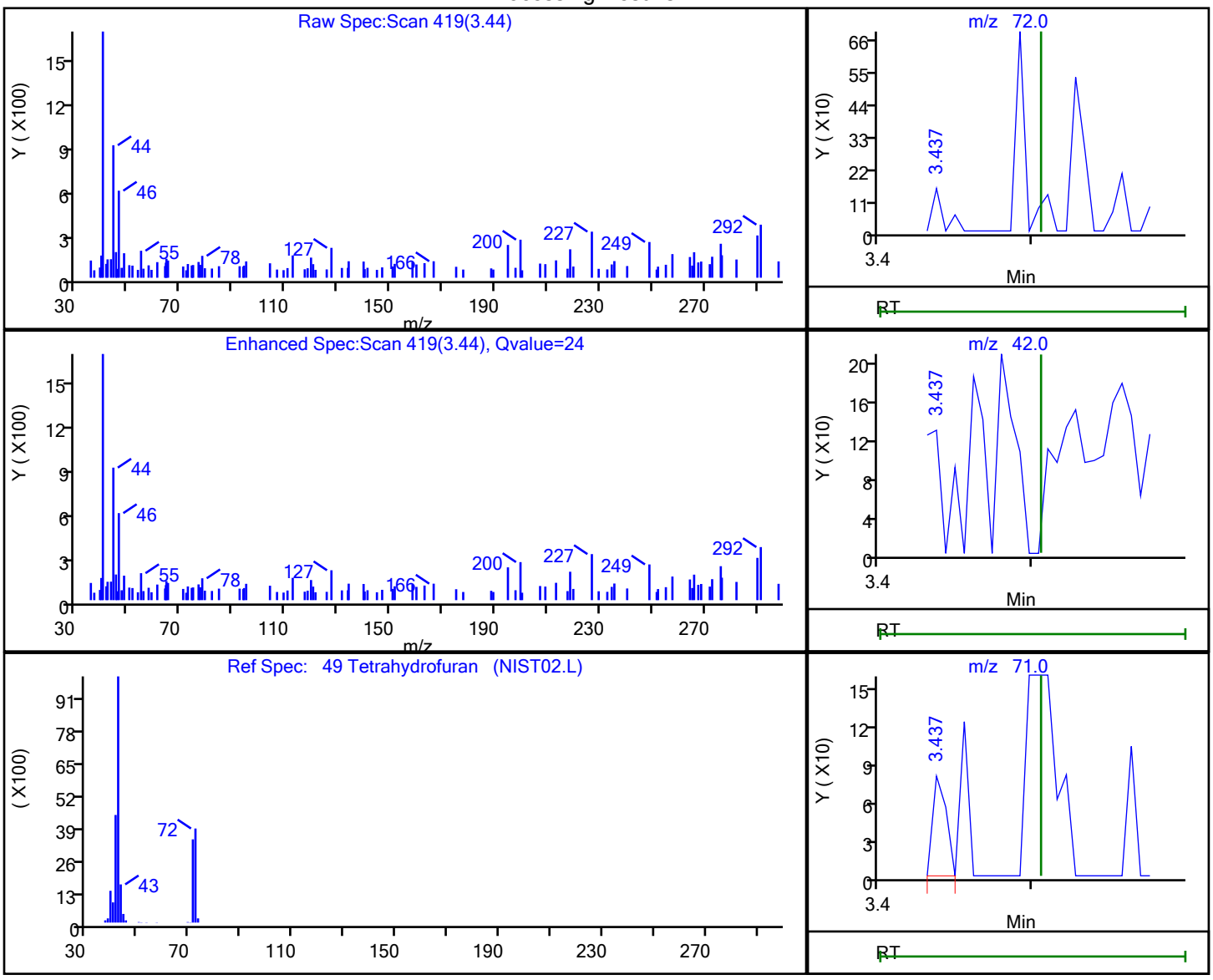
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.44	72.00	77	0.331274
3.44	42.00	149	
3.44	71.00	47	

Reviewer: HVW2, 14-Mar-2024 19:29:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

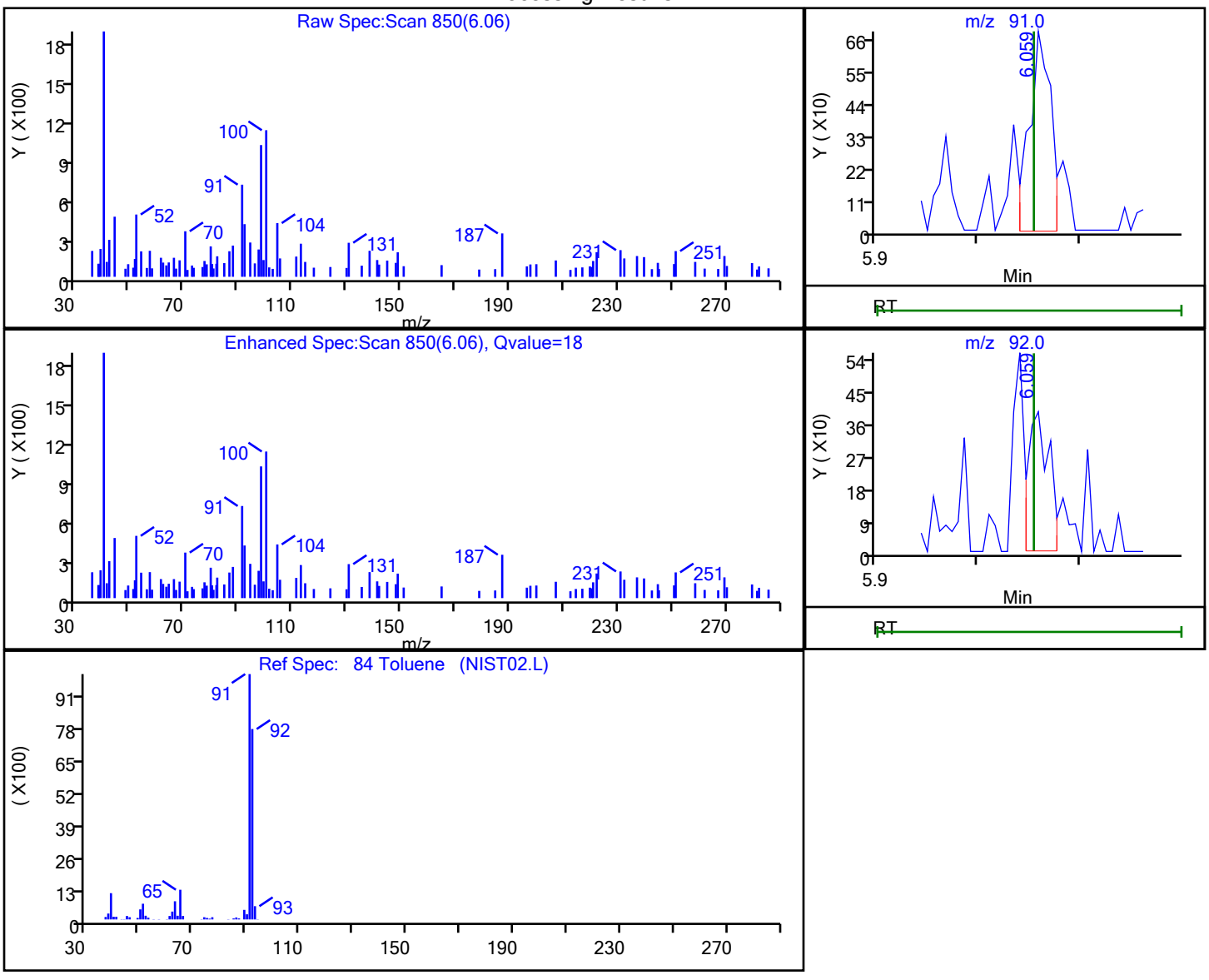
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D				
Injection Date:	14-Mar-2024 11:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.06	91.00	1021	0.090831
6.06	92.00	578	

Reviewer: HVW2, 14-Mar-2024 19:30:16 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

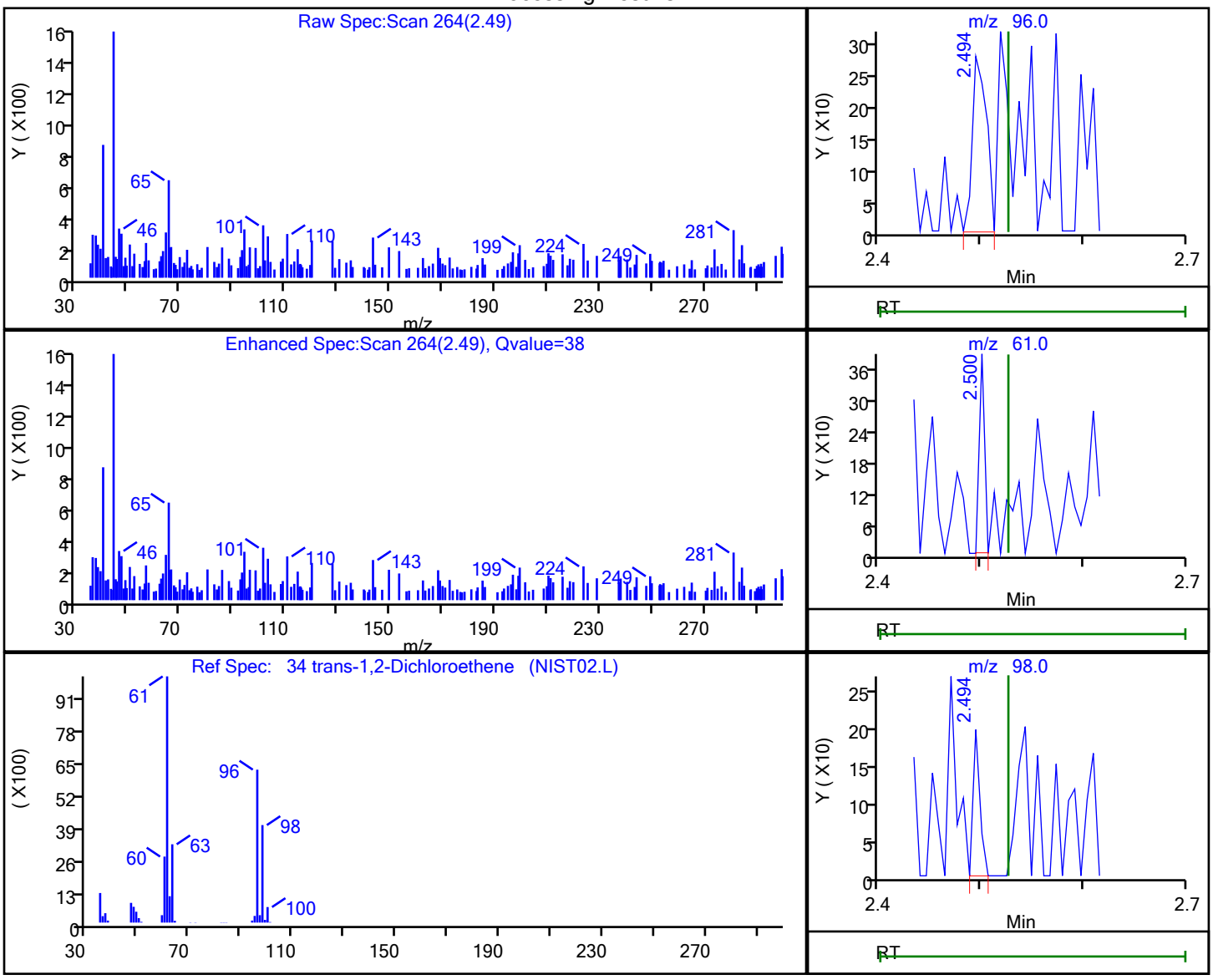
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
2.49	96.00	270	0.125361
2.50	61.00	141	
2.49	98.00	90	

Reviewer: HVW2, 14-Mar-2024 19:28:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

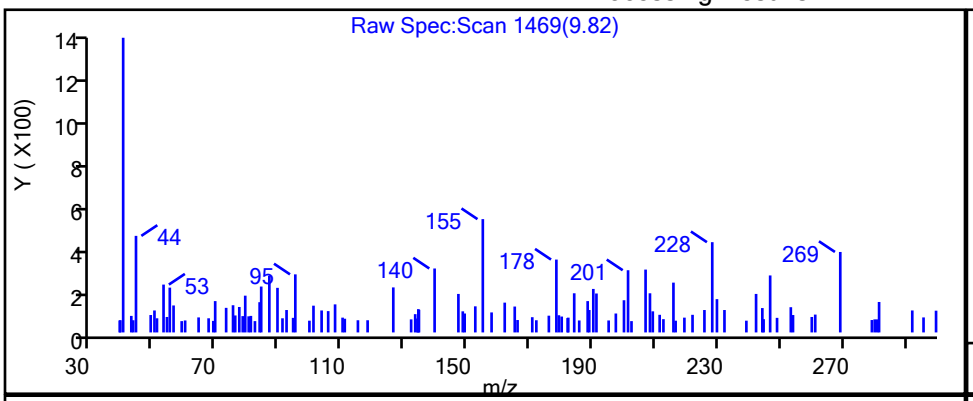
User Disabled Compound Report

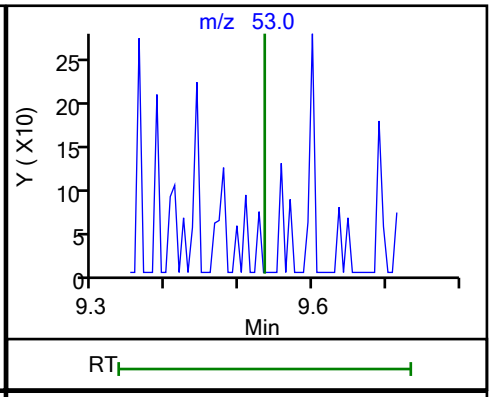
Eurofins Edison

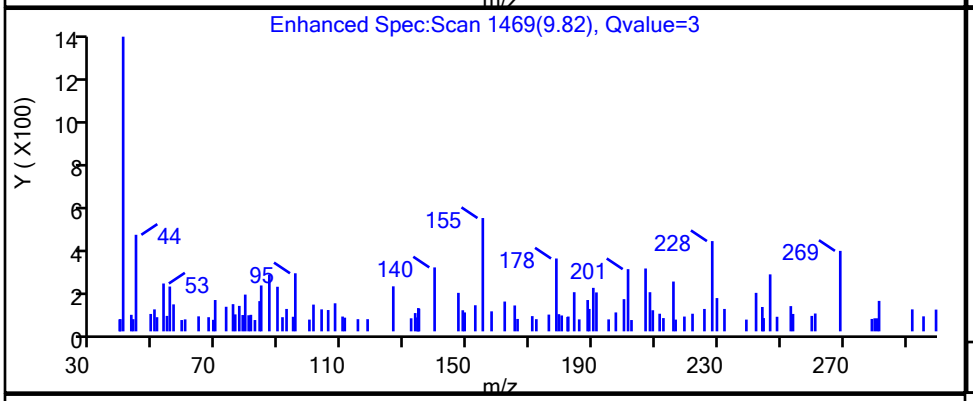
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

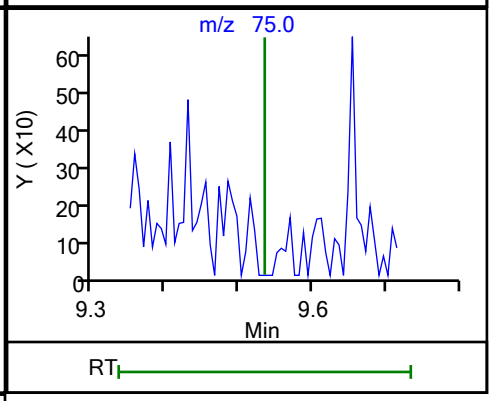
110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

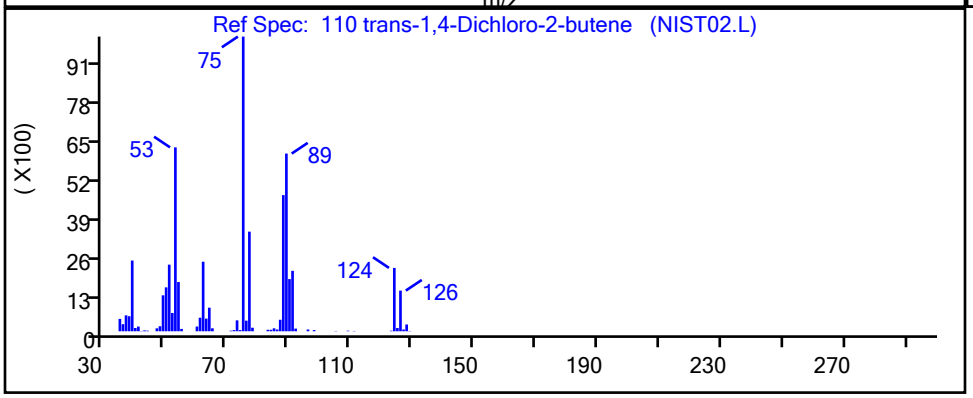
Processing Results











RT	Mass	Response	Amount
9.82	53.00	335	3.629636
9.81	75.00	189	

Reviewer: HVW2, 14-Mar-2024 19:30:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

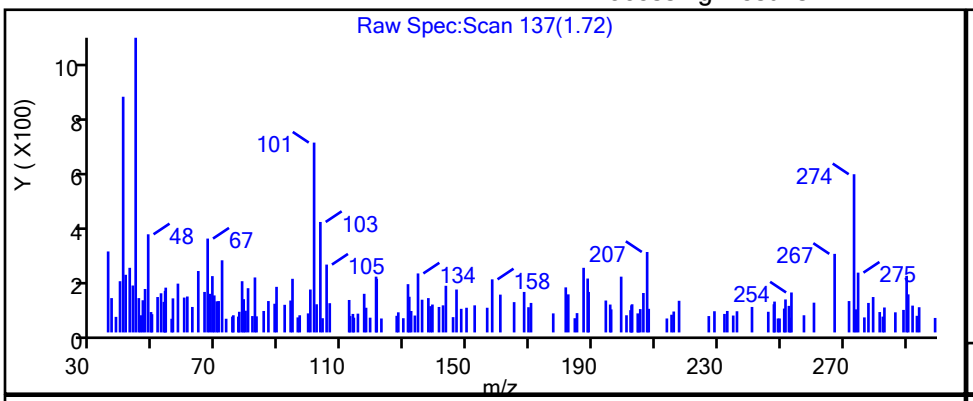
User Disabled Compound Report

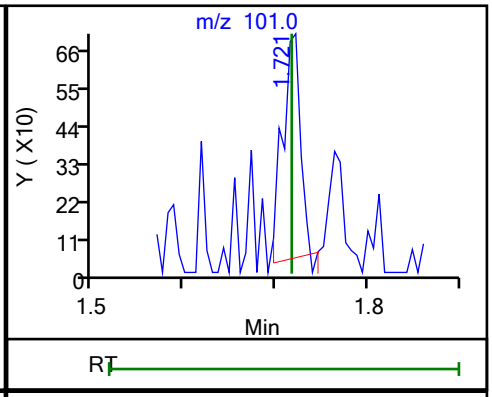
Eurofins Edison

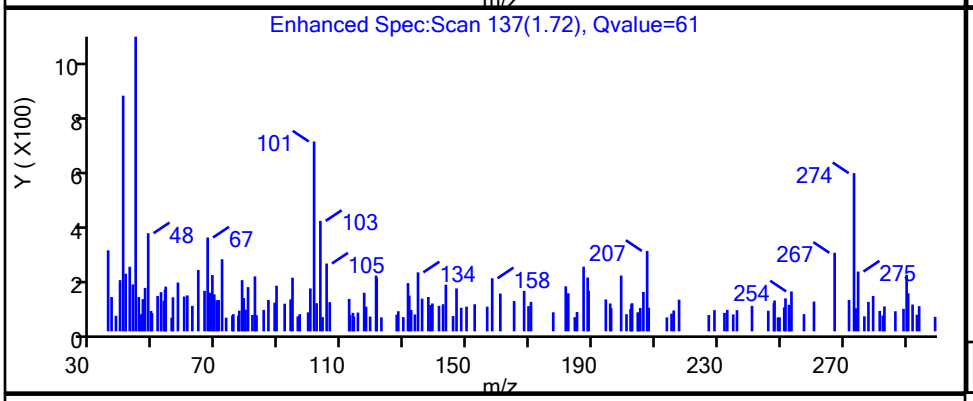
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

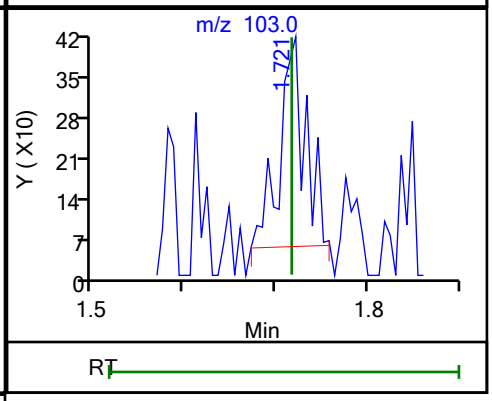
11 Trichlorofluoromethane, CAS: 75-69-4

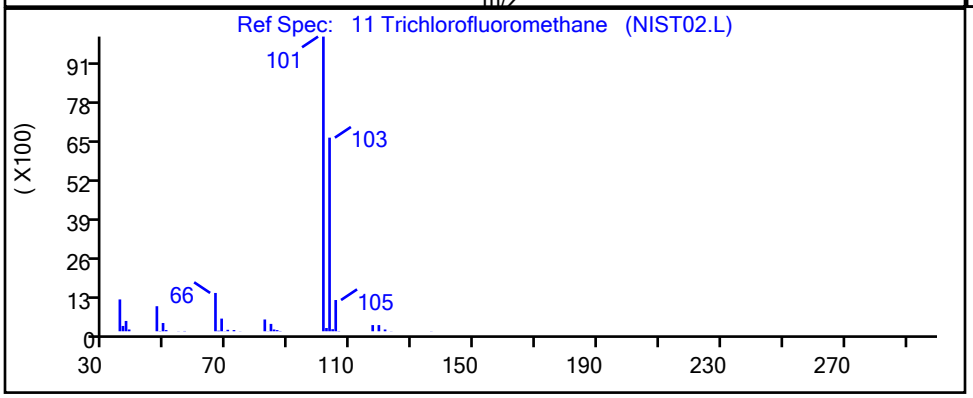
Processing Results











RT	Mass	Response	Amount
1.72	101.00	894	0.230756
1.72	103.00	714	

Reviewer: HVW2, 14-Mar-2024 19:28:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

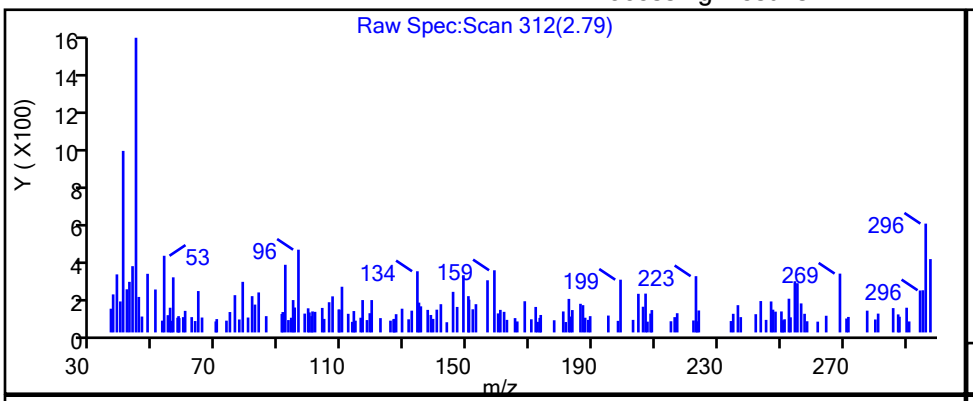
User Disabled Compound Report

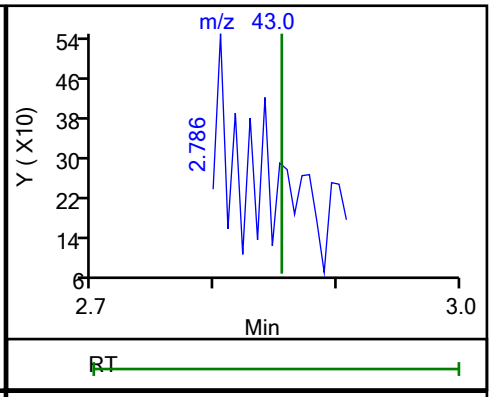
Eurofins Edison

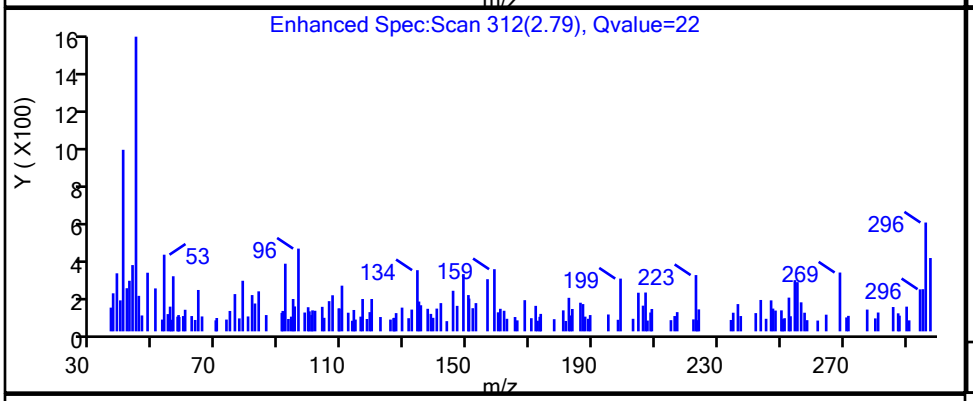
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

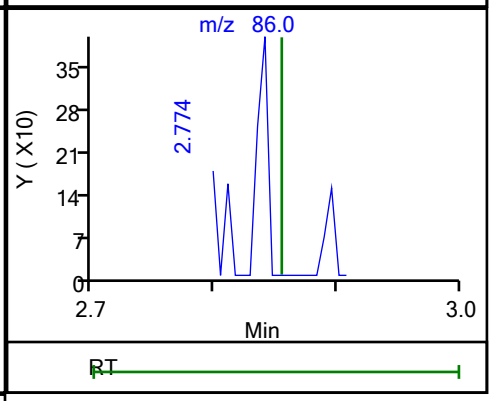
39 Vinyl acetate, CAS: 108-05-4

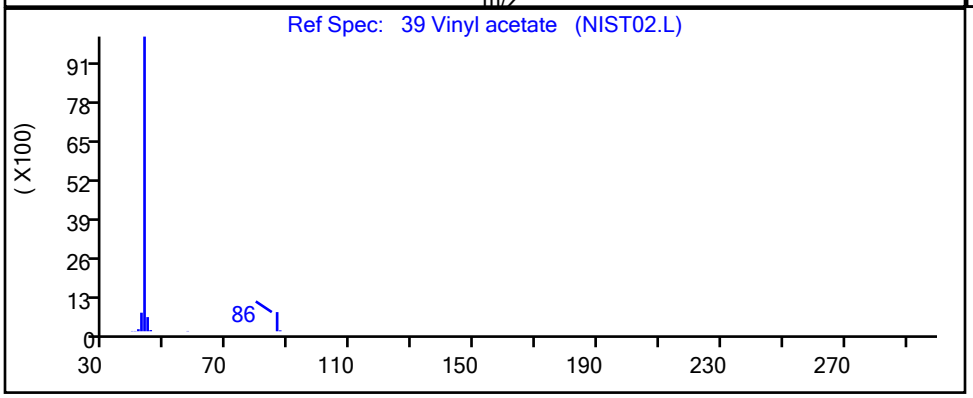
Processing Results











RT	Mass	Response	Amount
2.79	43.00	148	0.038846
2.77	86.00	156	

Reviewer: HVW2, 14-Mar-2024 19:29:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

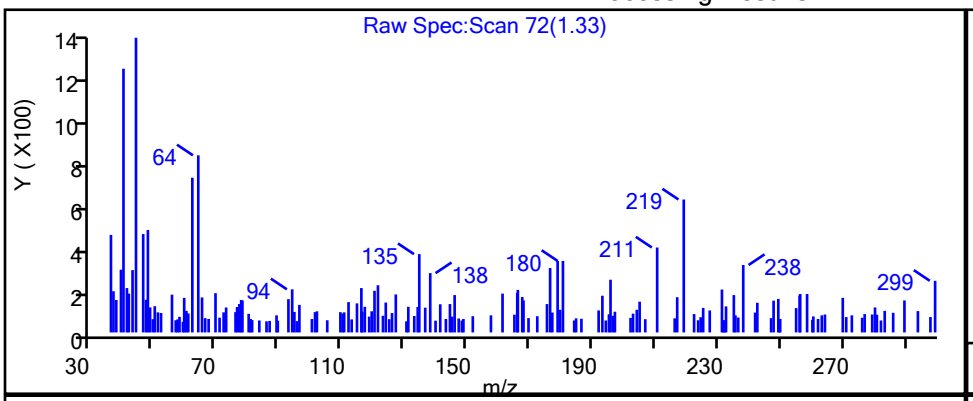
User Disabled Compound Report

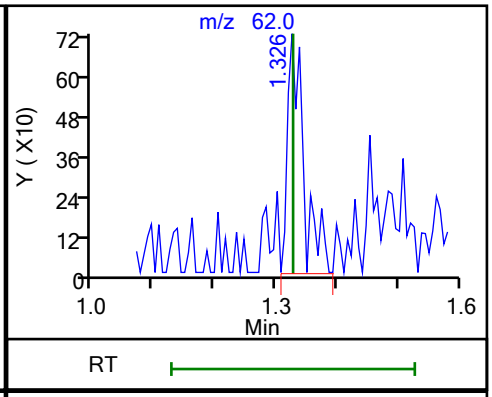
Eurofins Edison

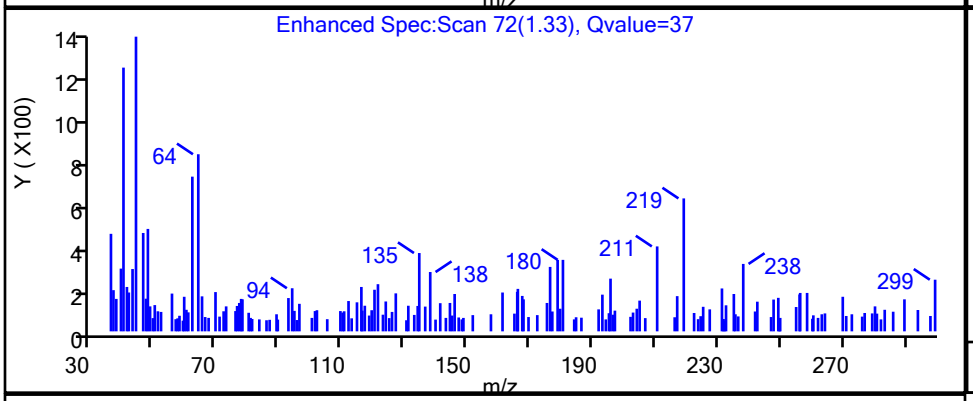
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02054.D
Injection Date: 14-Mar-2024 11:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

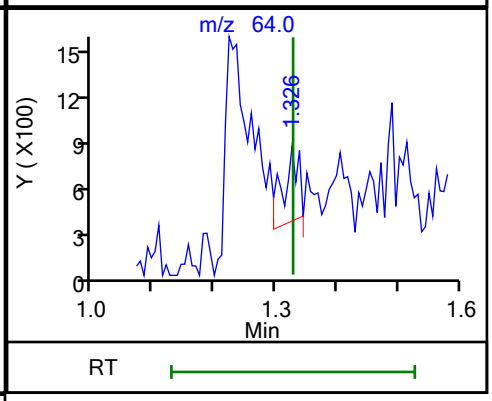
7 Vinyl chloride, CAS: 75-01-4

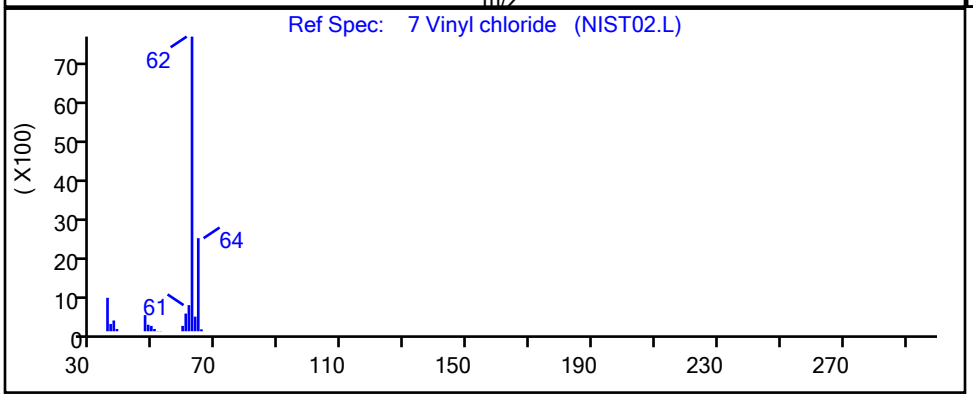
Processing Results











RT	Mass	Response	Amount
1.33	62.00	1333	0.515480
1.33	64.00	869	

Reviewer: HVW2, 14-Mar-2024 19:28:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 14-Mar-2024 11:55:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0173383-004
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2024 19:52:33 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: RD6L Date: 14-Mar-2024 13:17:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.115	1.121	-0.006	40	227	1.00	1.33	
4 Dichlorodifluoromethane	85	1.145	1.145	0.000	99	4000	1.00	1.08	
5 Chlorodifluoromethane	67	1.157	1.157	0.000	97	729	1.00	1.29	
6 Chloromethane	50	1.267	1.267	0.000	96	4562	1.00	1.22	
7 Vinyl chloride	62	1.328	1.328	0.000	95	3186	1.00	1.01	
8 Butadiene	54	1.340	1.344	-0.004	96	3156	1.00	1.03	
9 Bromomethane	94	1.535	1.534	0.001	87	2015	1.00	1.11	
10 Chloroethane	64	1.595	1.589	0.006	73	1620	1.00	1.07	
12 Dichlorofluoromethane	67	1.711	1.711	0.000	90	5100	1.00	1.04	
11 Trichlorofluoromethane	101	1.711	1.717	-0.006	89	4673	1.00	1.11	
13 Pentane	43	1.747	1.747	0.000	98	8765	2.00	2.42	
15 Ethyl ether	59	1.887	1.887	0.000	95	2661	1.00	1.00	
16 2-Methyl-1,3-butadiene	53	1.906	1.899	0.007	86	2296	1.00	1.08	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.918	1.912	0.006	80	2238	1.00	1.10	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.948	1.948	0.000	92	4224	1.00	1.17	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.009	2.009	0.000	93	2528	1.00	1.01	
19 Acrolein	56	2.015	2.015	0.000	78	2056	4.00	5.37	
21 1,1-Dichloroethene	96	2.033	2.039	-0.006	93	2554	1.00	1.19	
22 Acetone	43	2.106	2.100	0.006	81	3901	5.00	5.53	
23 Iodomethane	142	2.161	2.155	0.006	88	2264	1.00	0.9450	
25 Isopropyl alcohol	45	2.161	2.161	0.000	23	1370	10.0	12.6	M
24 Carbon disulfide	76	2.185	2.185	0.000	99	9749	1.00	1.11	
26 3-Chloro-1-propene	76	2.277	2.277	0.000	88	1945	1.00	0.9896	
28 Methyl acetate	43	2.277	2.283	-0.006	90	4030	2.00	2.78	a
27 Cyclopentene	67	2.301	2.295	0.006	94	5734	1.00	1.33	
29 Acetonitrile	41	2.325	2.325	0.000	74	2113	10.0	7.43	
* 30 TBA-d9 (IS)	65	2.362	2.360	0.002	75	176340	1000.0	1000.0	
31 Methylene Chloride	84	2.374	2.380	-0.006	93	2986	1.00	1.31	
32 2-Methyl-2-propanol	59	2.411	2.416	-0.005	35	1775	10.0	12.5	M
33 Methyl tert-butyl ether	73	2.496	2.502	-0.006	92	4285	1.00	0.9150	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.526	2.526	0.000	87	2635	1.00	1.14	
35 Acrylonitrile	53	2.587	2.591	-0.004	84	6654	10.0	9.46	
36 Hexane	57	2.648	2.648	0.000	77	1877	1.00	0.9542	
37 Isopropyl ether	45	2.812	2.818	-0.006	94	6229	1.00	1.06	
38 1,1-Dichloroethane	63	2.849	2.848	0.001	97	4829	1.00	1.12	
39 Vinyl acetate	43	2.855	2.854	0.001	96	6923	2.00	1.84	
40 2-Chloro-1,3-butadiene	88	2.891	2.891	0.000	90	1564	1.00	0.8443	
41 Tert-butyl ethyl ether	59	3.080	3.086	-0.006	85	6389	1.00	0.9672	
* 43 2-Butanone-d5	46	3.262	3.260	0.002	87	335761	250.0	250.0	
42 2,2-Dichloropropane	79	3.268	3.274	-0.006	45	2108	1.00	1.34	
44 cis-1,2-Dichloroethene	96	3.299	3.299	0.000	95	3883	1.00	1.21	
45 Ethyl acetate	70	3.323	3.311	0.012	92	866	2.00	2.03	M
46 2-Butanone (MEK)	72	3.317	3.311	0.006	94	1290	5.00	4.89	
47 Methyl acrylate	55	3.366	3.359	0.007	63	2095	1.00	1.09	
48 Propionitrile	54	3.427	3.426	0.000	96	3401	10.0	9.39	
50 Chlorobromomethane	128	3.493	3.493	0.000	85	2032	1.00	1.22	
49 Tetrahydrofuran	72	3.506	3.505	0.001	34	505	2.00	1.82	
51 Methacrylonitrile	67	3.524	3.518	0.006	94	10255	10.0	10.9	
52 Chloroform	83	3.542	3.542	0.000	98	6047	1.00	1.09	
53 Cyclohexane	84	3.658	3.657	0.001	89	3757	1.00	1.07	
54 1,1,1-Trichloroethane	97	3.676	3.670	0.006	85	5634	1.00	1.20	
$ 55 Dibromofluoromethane (Surr)	113	3.688	3.686	0.002	96	178056	50.0	51.9	
56 Carbon tetrachloride	117	3.785	3.779	0.006	98	3676	1.00	0.9318	
57 1,1-Dichloropropene	75	3.816	3.810	0.006	84	3805	1.00	1.01	
58 Isobutyl alcohol	43	3.974	3.943	0.031	52	3466	25.0	27.2	
59 Isooctane	57	3.974	3.962	0.012	77	4137	1.00	0.9094	M
60 Benzene	78	3.998	3.998	0.000	95	11596	1.00	1.01	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.011	4.015	-0.004	0	180677	50.0	52.9	
62 Isopropyl acetate	43	4.059	4.053	0.006	87	6175	1.00	1.02	
63 Tert-amyl methyl ether	55	4.059	4.059	0.000	78	2421	1.00	0.9815	M
64 1,2-Dichloroethane	62	4.084	4.083	0.001	94	4928	1.00	1.21	
65 n-Heptane	57	4.132	4.144	-0.012	69	1040	1.00	0.9882	
* 66 Fluorobenzene	96	4.272	4.270	0.002	99	644550	50.0	50.0	
68 Trichloroethene	95	4.625	4.619	0.006	88	3213	1.00	1.09	
69 Methylcyclohexane	83	4.734	4.740	-0.006	91	3367	1.00	1.06	
70 Ethyl acrylate	55	4.771	4.746	0.025	70	5232	1.00	1.01	Ma
71 1,2-Dichloropropane	63	4.905	4.905	0.000	88	3043	1.00	1.06	
* 72 1,4-Dioxane-d8	96	4.978	4.976	0.002	0	25650	1000.0	1000.0	
73 Methyl methacrylate	100	5.002	4.996	0.006	55	1011	2.00	1.97	
75 1,4-Dioxane	88	5.002	5.026	-0.024	27	1369	50.0	64.8	a
74 Dibromomethane	93	5.045	5.045	0.001	85	2408	1.00	1.13	
76 n-Propyl acetate	43	5.075	5.063	0.012	91	2695	1.00	0.9539	M
77 Dichlorobromomethane	83	5.197	5.203	-0.006	94	4412	1.00	1.07	
78 2-Nitropropane	41	5.531	5.543	-0.012	43	1769	2.00	2.49	a
79 2-Chloroethyl vinyl ether	63	5.574	5.562	0.012	53	579	1.00	0.6852	a
80 Epichlorohydrin	57	5.677	5.700	-0.023	80	3228	20.0	15.0	
81 cis-1,3-Dichloropropene	75	5.720	5.720	0.000	92	4995	1.00	1.05	
82 4-Methyl-2-pentanone (MIBK)	43	5.909	5.902	0.007	95	9528	5.00	4.40	
$ 83 Toluene-d8 (Surr)	98	5.975	5.974	0.001	99	507801	50.0	49.2	
84 Toluene	91	6.061	6.054	0.007	95	12858	1.00	1.14	
85 trans-1,3-Dichloropropene	75	6.456	6.462	-0.006	84	4289	1.00	1.03	
86 Ethyl methacrylate	69	6.523	6.505	0.018	47	2291	1.00	0.9465	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.699	6.687	0.012	69	2386	1.00	1.04	
88 Tetrachloroethene	166	6.724	6.724	0.000	89	2898	1.00	0.9788	
89 1,3-Dichloropropane	76	6.924	6.918	0.006	87	3738	1.00	0.9482	
90 2-Hexanone	58	7.022	7.009	0.013	75	3218	5.00	4.12	M
91 n-Butyl acetate	43	7.168	7.155	0.013	83	2843	1.00	0.8891	
92 Chlorodibromomethane	129	7.174	7.168	0.006	91	3304	1.00	1.01	
93 Ethylene Dibromide	107	7.338	7.332	0.006	67	2985	1.00	1.03	
* 94 Chlorobenzene-d5	117	7.928	7.926	0.002	85	500725	50.0	50.0	
95 Chlorobenzene	112	7.965	7.965	0.000	95	7916	1.00	1.06	
96 Ethylbenzene	106	8.080	8.080	0.000	99	3243	1.00	0.9130	
97 1,1,1,2-Tetrachloroethane	131	8.099	8.092	0.007	70	2610	1.00	0.9508	
98 m-Xylene & p-Xylene	106	8.232	8.232	0.000	0	4089	1.00	0.9496	
99 o-Xylene	106	8.695	8.689	0.007	91	4146	1.00	0.9732	
100 n-Butyl acrylate	73	8.713	8.707	0.006	82	1145	1.00	0.6985	
101 Styrene	104	8.725	8.725	0.000	95	5571	1.00	0.7787	
103 Bromoform	173	8.932	8.938	-0.006	89	2198	1.00	0.9842	
102 Amyl acetate (mixed isomers)	43	8.962	8.956	0.006	76	3031	1.00	0.8605	
104 Isopropylbenzene	105	9.078	9.072	0.006	96	9171	1.00	0.9213	
$ 105 4-Bromofluorobenzene	174	9.273	9.271	0.002	95	182108	50.0	48.0	
106 Bromobenzene	156	9.394	9.400	-0.006	96	3422	1.00	1.04	
107 1,1,2,2-Tetrachloroethane	83	9.473	9.473	0.000	68	3387	1.00	1.04	
108 N-Propylbenzene	91	9.486	9.485	0.001	99	11984	1.00	1.04	
109 1,2,3-Trichloropropane	110	9.510	9.510	0.000	88	1163	1.00	1.37	
110 trans-1,4-Dichloro-2-butene	53	9.534	9.534	0.000	51	974	1.00	1.11	Ma
111 2-Chlorotoluene	91	9.583	9.583	0.000	96	7761	1.00	0.9359	
112 4-Ethyltoluene	105	9.595	9.595	0.000	97	9439	1.00	0.99	
113 1,3,5-Trimethylbenzene	105	9.668	9.668	0.000	92	6925	1.00	0.8763	
114 4-Chlorotoluene	91	9.692	9.692	0.000	94	7495	1.00	0.9270	
115 Butyl Methacrylate	87	9.778	9.784	-0.006	87	1724	1.00	0.6614	
116 tert-Butylbenzene	119	9.942	9.942	0.000	93	6339	1.00	0.9779	
117 1,2,4-Trimethylbenzene	105	10.003	10.003	0.000	95	7460	1.00	0.8882	
118 sec-Butylbenzene	105	10.137	10.142	-0.005	98	8132	1.00	0.8973	
120 1,3-Dichlorobenzene	146	10.270	10.264	0.006	92	5445	1.00	0.9681	
119 4-Isopropyltoluene	119	10.270	10.270	0.000	96	6801	1.00	0.8747	
* 121 1,4-Dichlorobenzene-d4	152	10.331	10.329	0.002	95	261577	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.343	10.349	-0.006	39	6698	1.00	1.11	
123 1,2,3-Trimethylbenzene	105	10.368	10.374	-0.006	95	8577	1.00	0.9477	
124 Benzyl chloride	91	10.483	10.477	0.006	96	4825	1.00	0.9053	
125 2,3-Dihydroindene	117	10.532	10.532	0.000	96	8543	1.00	0.9397	
126 p-Diethylbenzene	119	10.593	10.593	0.000	92	4494	1.00	0.9452	
127 n-Butylbenzene	92	10.611	10.617	-0.006	94	3833	1.00	0.9657	
128 1,2-Dichlorobenzene	146	10.660	10.660	0.000	86	5049	1.00	0.9109	
129 1,2,4,5-Tetramethylbenzene	119	11.219	11.219	0.000	95	5437	1.00	0.7650	
130 1,2-Dibromo-3-Chloropropane	157	11.305	11.298	0.007	36	700	1.00	1.01	
131 1,3,5-Trichlorobenzene	180	11.414	11.408	0.006	95	3817	1.00	1.01	
132 1,2,4-Trichlorobenzene	180	11.889	11.888	0.001	90	2968	1.00	0.8542	
133 Hexachlorobutadiene	225	11.974	11.968	0.006	84	1455	1.00	1.08	
134 Naphthalene	128	12.065	12.071	-0.006	98	8045	1.00	1.00	
135 1,2,3-Trichlorobenzene	180	12.248	12.247	0.001	91	2722	1.00	0.8569	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.35	
S 137 Xylenes, Total	100				0		2.00	1.92	
S 138 Total BTEX	1				0		5.00	4.99	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00015	Amount Added:	10.00	Units: uL	
ACROLEIN W_00166	Amount Added:	4.00	Units: uL	
GASES Li_00575	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00184	Amount Added:	10.00	Units: uL	
14DIOXINTER_00166	Amount Added:	30.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2024 19:52:34 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D

Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8 Operator ID:

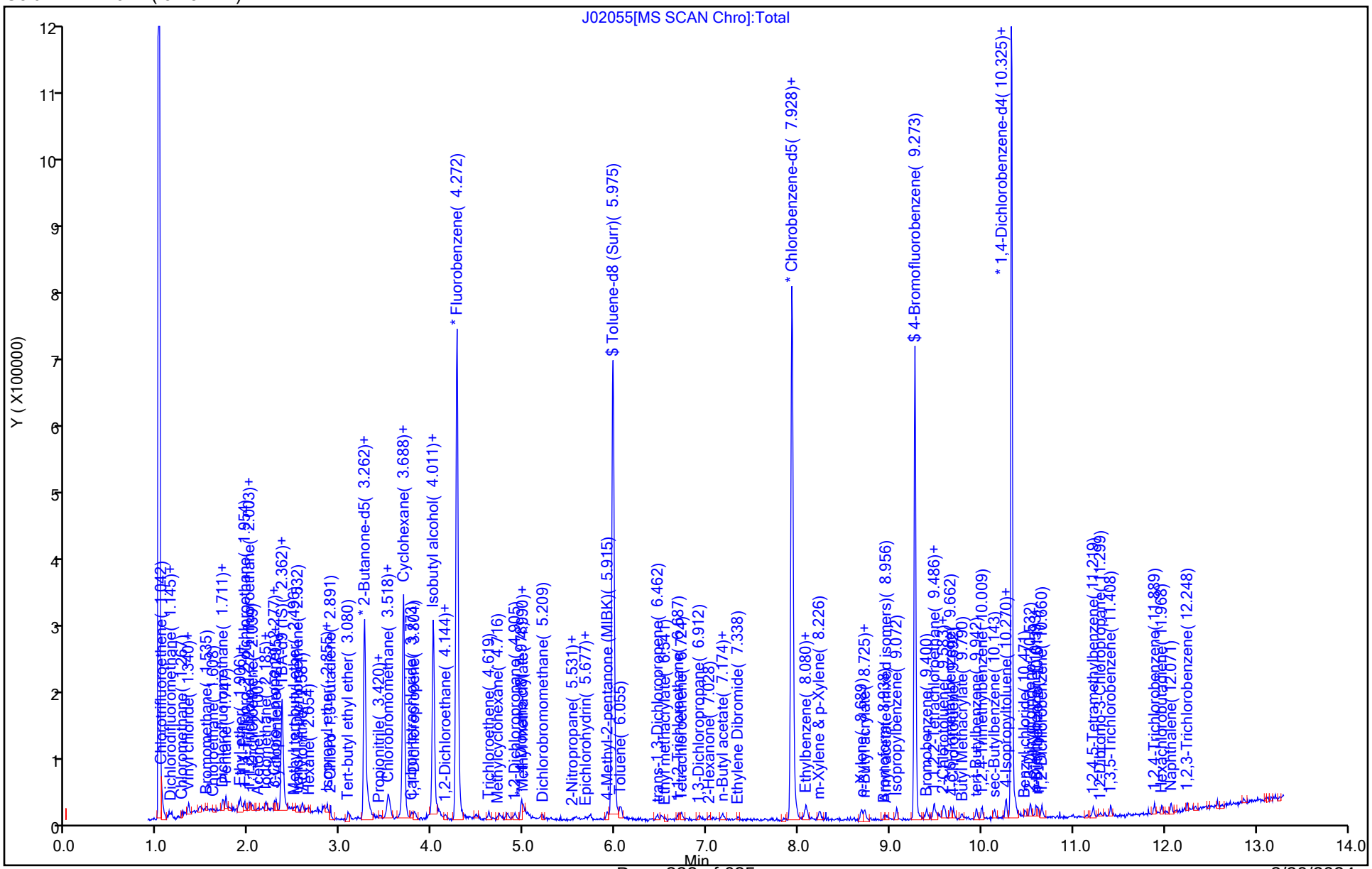
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



3/20/2024
1:03:26 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

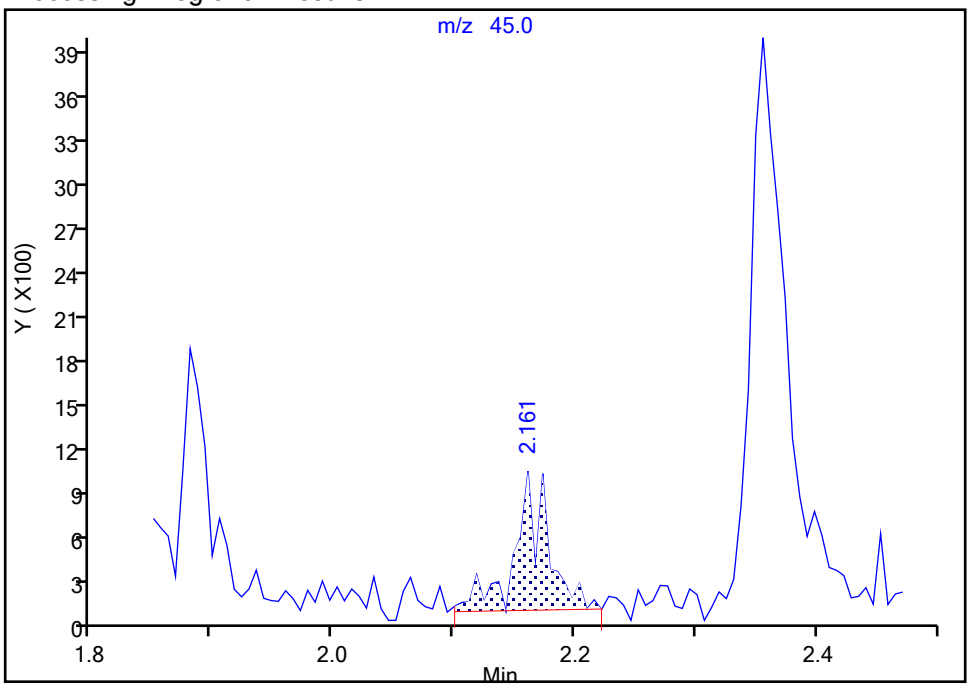
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

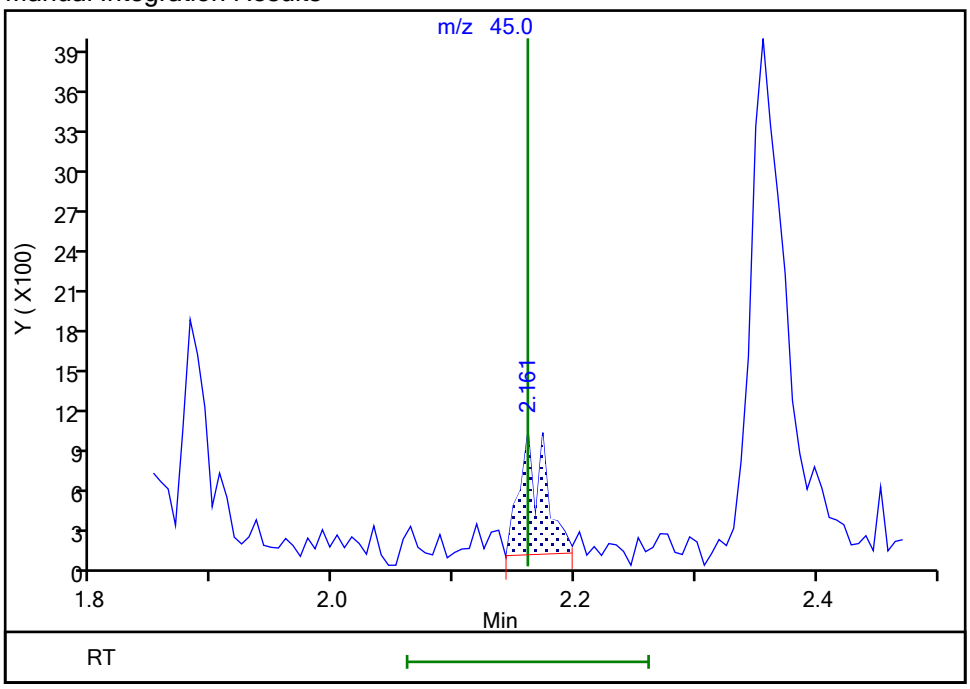
Processing Integration Results

RT: 2.16
Area: 1783
Amount: 20.460029
Amount Units: ug/l



Manual Integration Results

RT: 2.16
Area: 1370
Amount: 12.590215
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:23:49 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

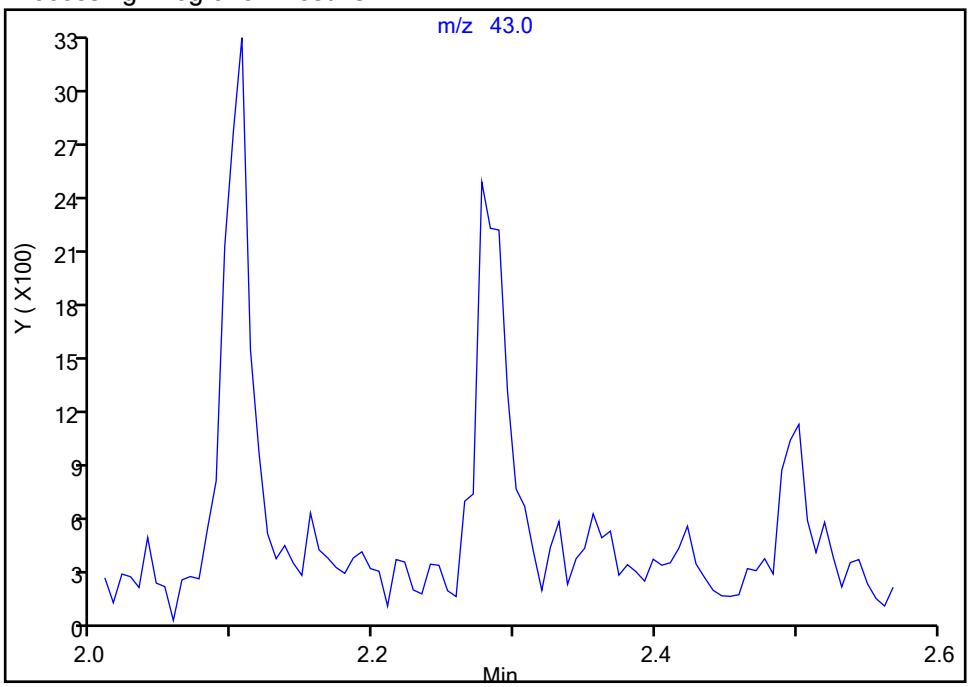
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

28 Methyl acetate, CAS: 79-20-9

Signal: 1

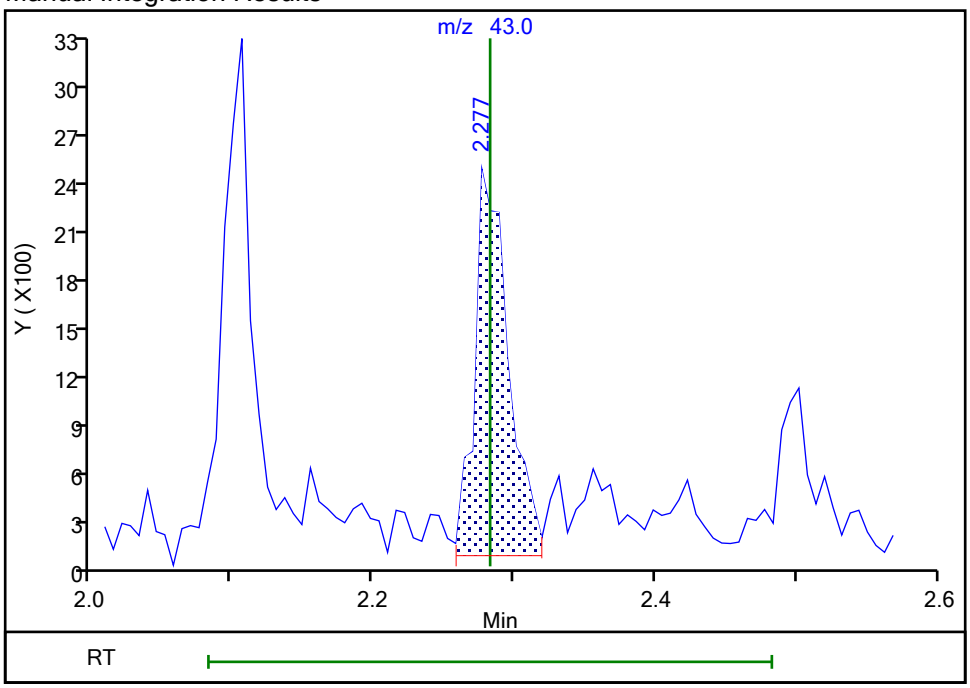
Not Detected
Expected RT: 2.28

Processing Integration Results



Manual Integration Results

RT: 2.28
Area: 4030
Amount: 2.784038
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:23:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

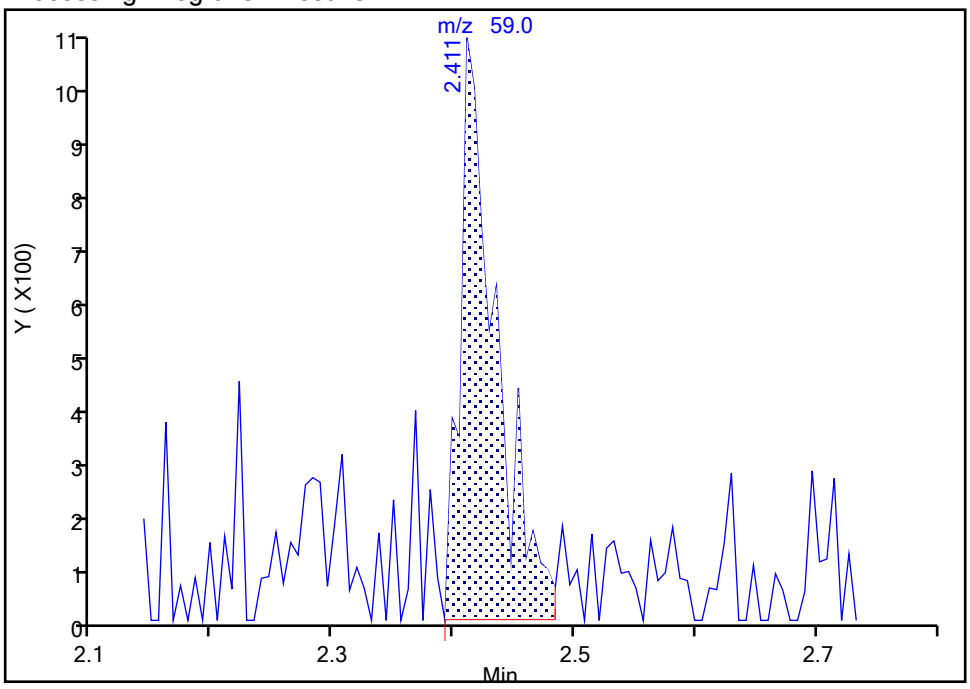
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

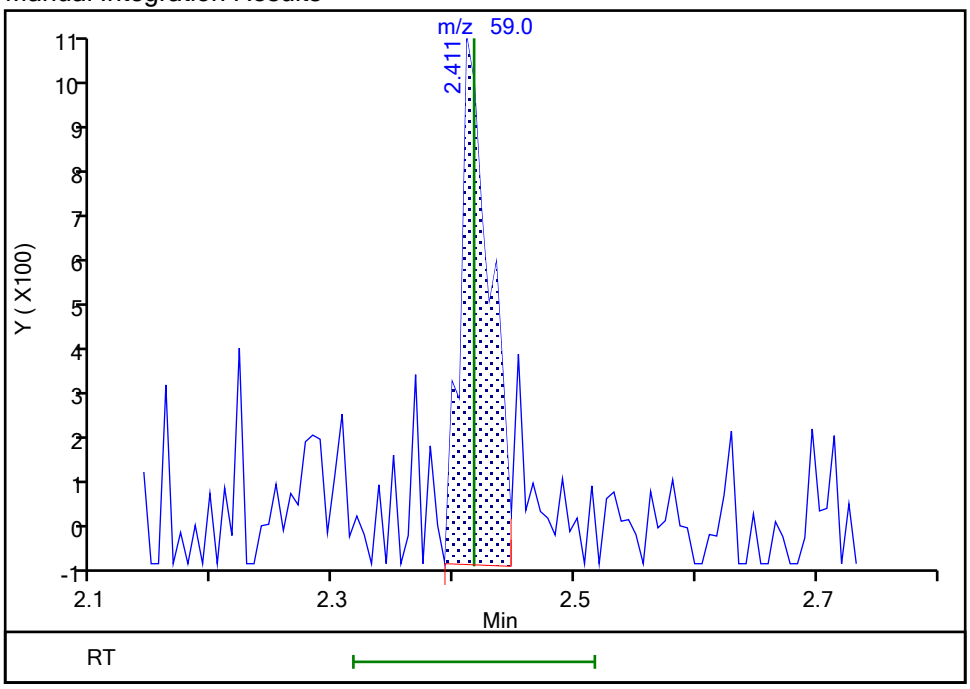
Processing Integration Results

RT: 2.41
Area: 2103
Amount: 17.798519
Amount Units: ug/l



Manual Integration Results

RT: 2.41
Area: 1775
Amount: 12.534718
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:32:45 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

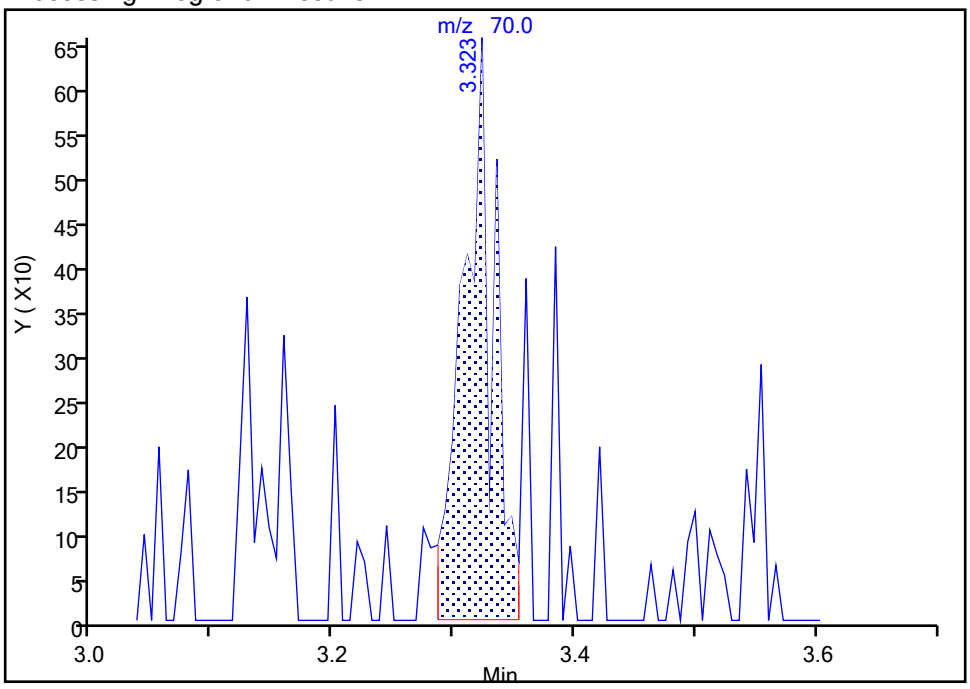
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

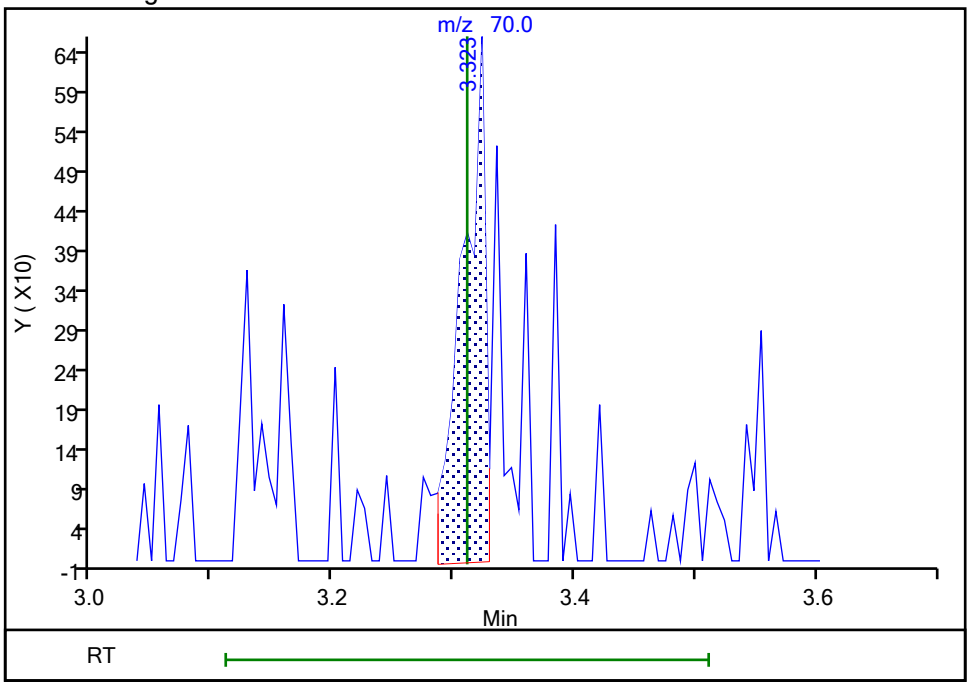
Processing Integration Results

RT: 3.32
Area: 1155
Amount: 4.442448
Amount Units: ug/l



Manual Integration Results

RT: 3.32
Area: 866
Amount: 2.029358
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:40:29 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

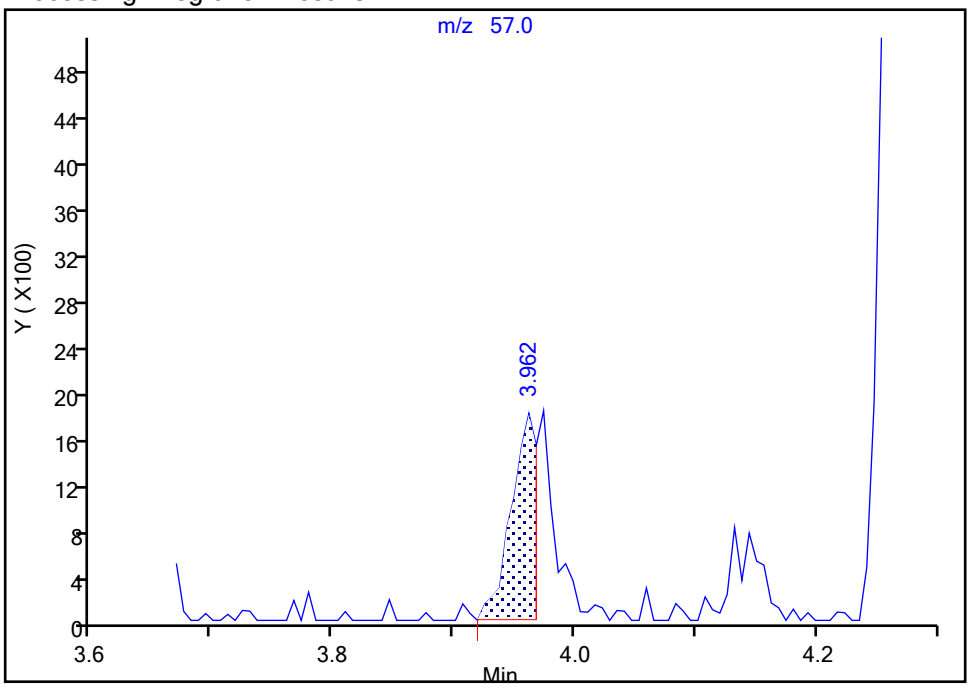
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Signal: 1

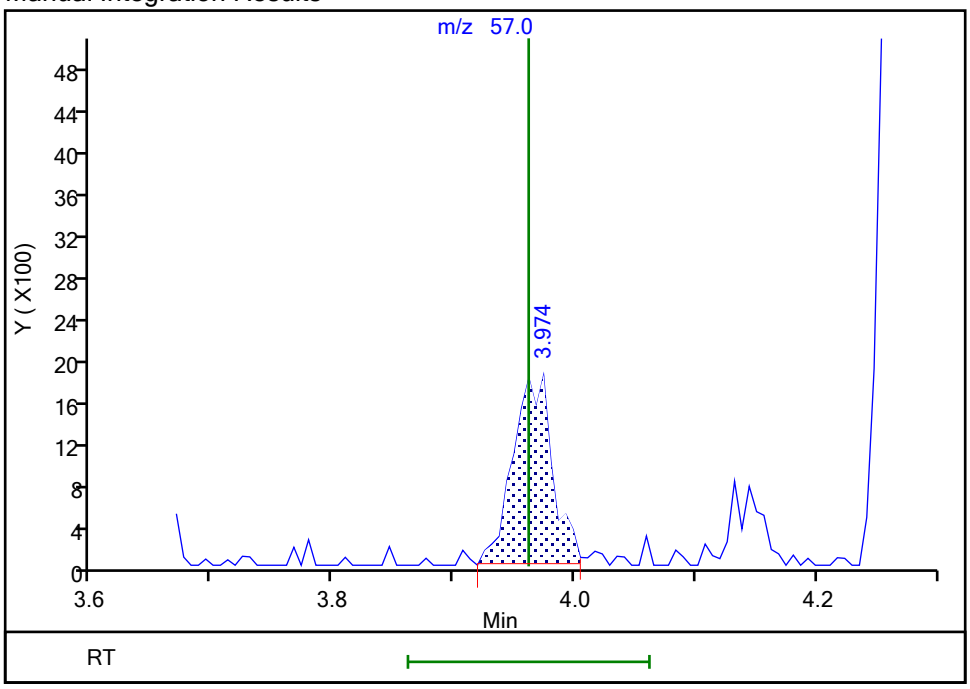
Processing Integration Results

RT: 3.96
Area: 2667
Amount: 0.619665
Amount Units: ug/l



Manual Integration Results

RT: 3.97
Area: 4137
Amount: 0.909443
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:25:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

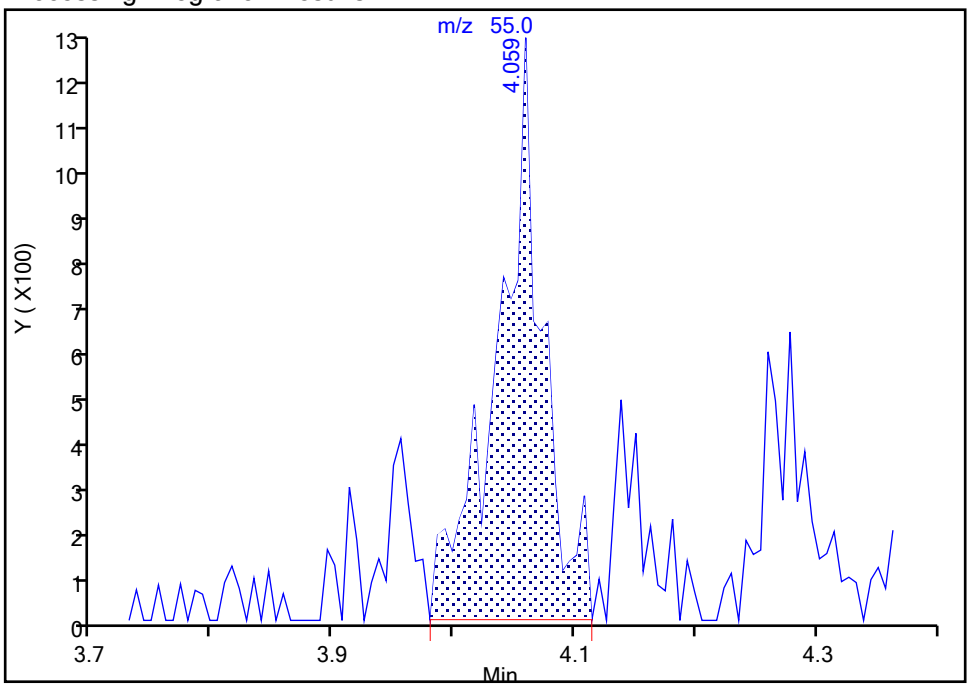
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

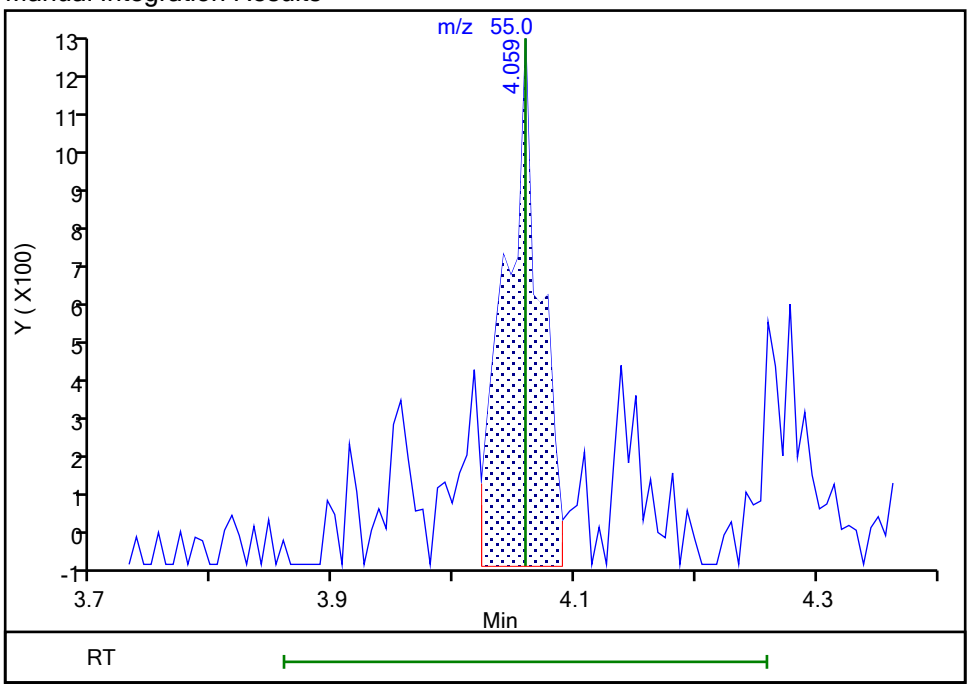
Processing Integration Results

RT: 4.06
Area: 3113
Amount: 0.990916
Amount Units: ug/l



Manual Integration Results

RT: 4.06
Area: 2421
Amount: 0.981491
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:25:59 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

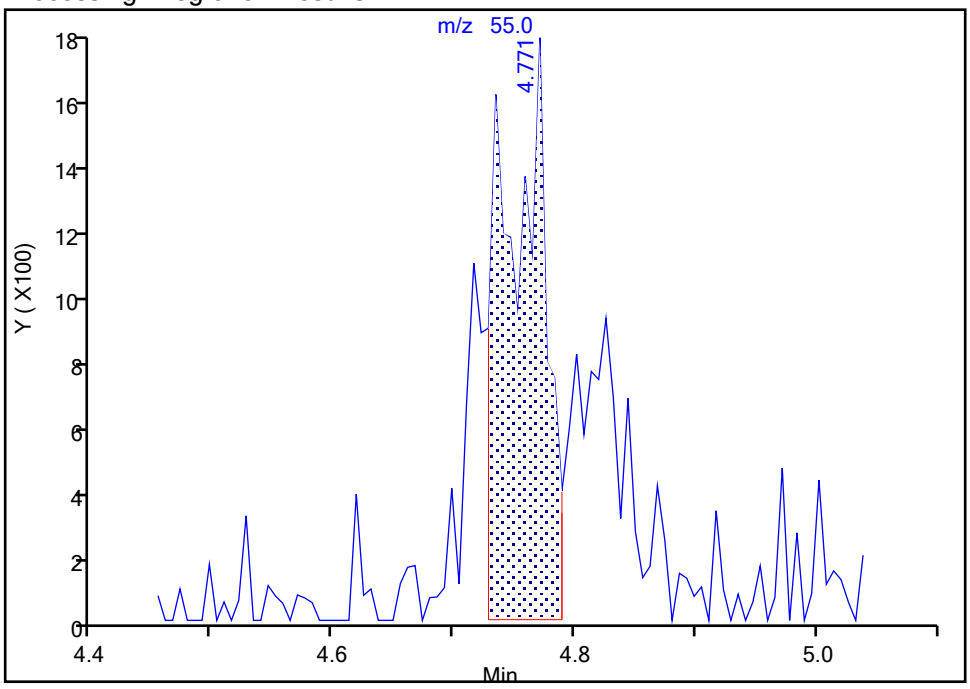
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

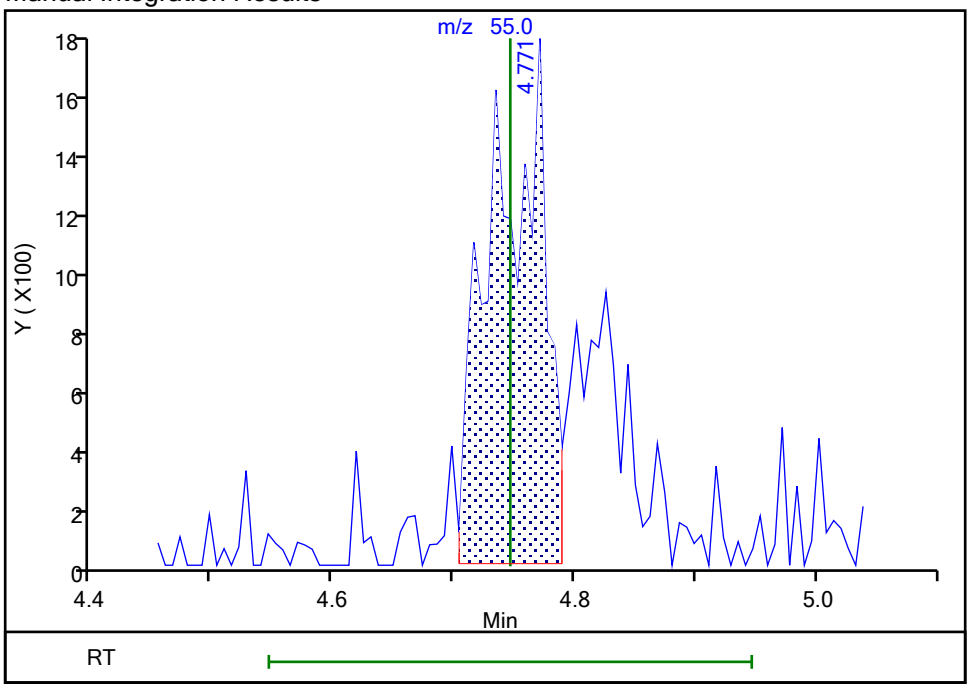
Processing Integration Results

RT: 4.77
Area: 4269
Amount: 0.854530
Amount Units: ug/l



Manual Integration Results

RT: 4.77
Area: 5232
Amount: 1.014695
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:36:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

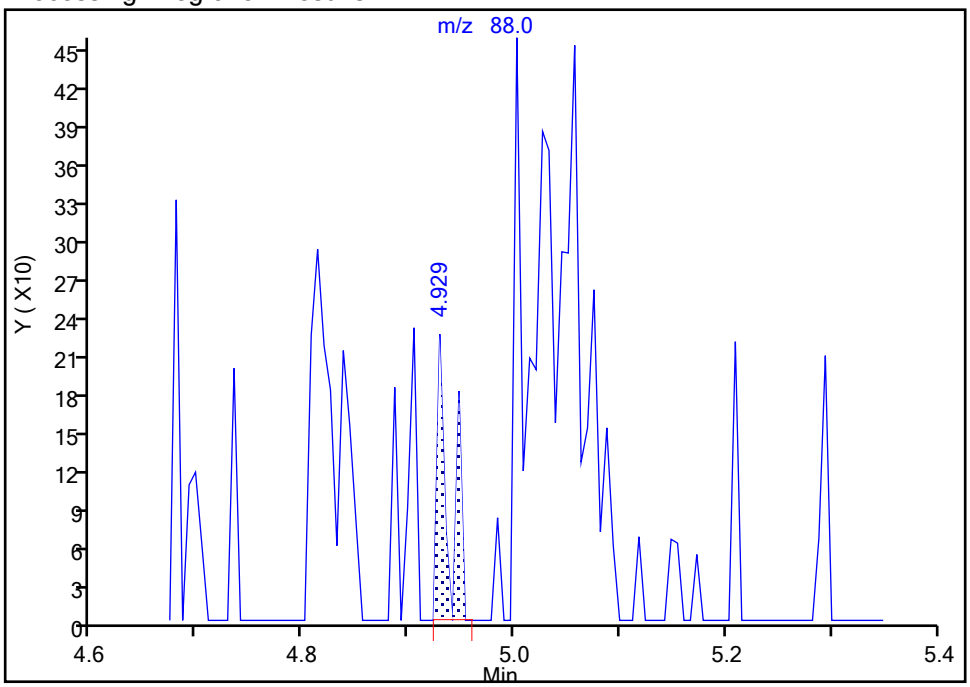
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

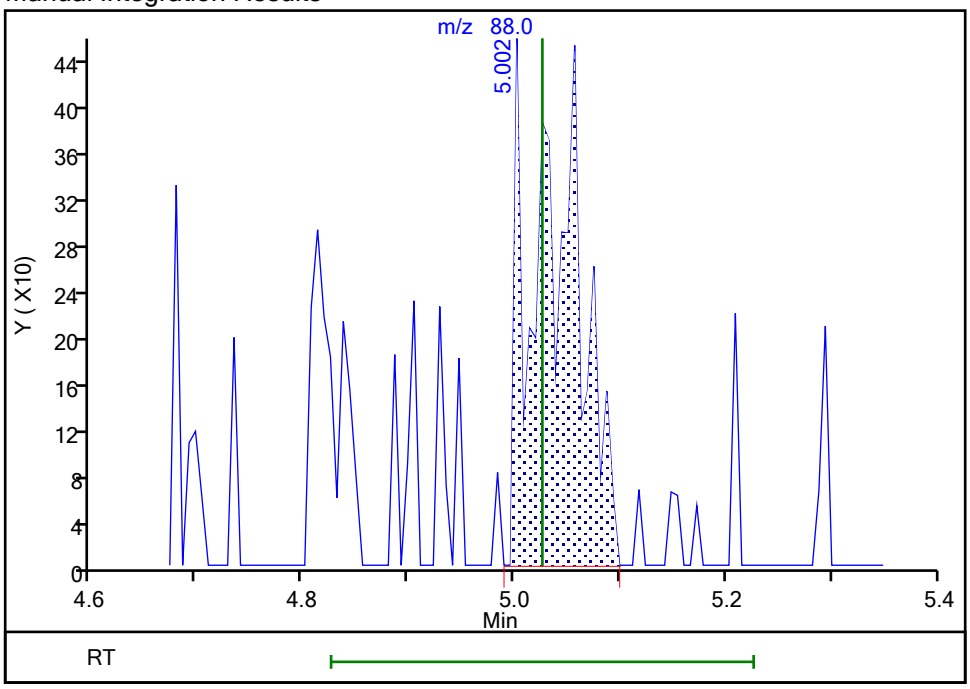
Processing Integration Results

RT: 4.93
Area: 174
Amount: 10.066130
Amount Units: ug/l



Manual Integration Results

RT: 5.00
Area: 1369
Amount: 64.777501
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:26:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

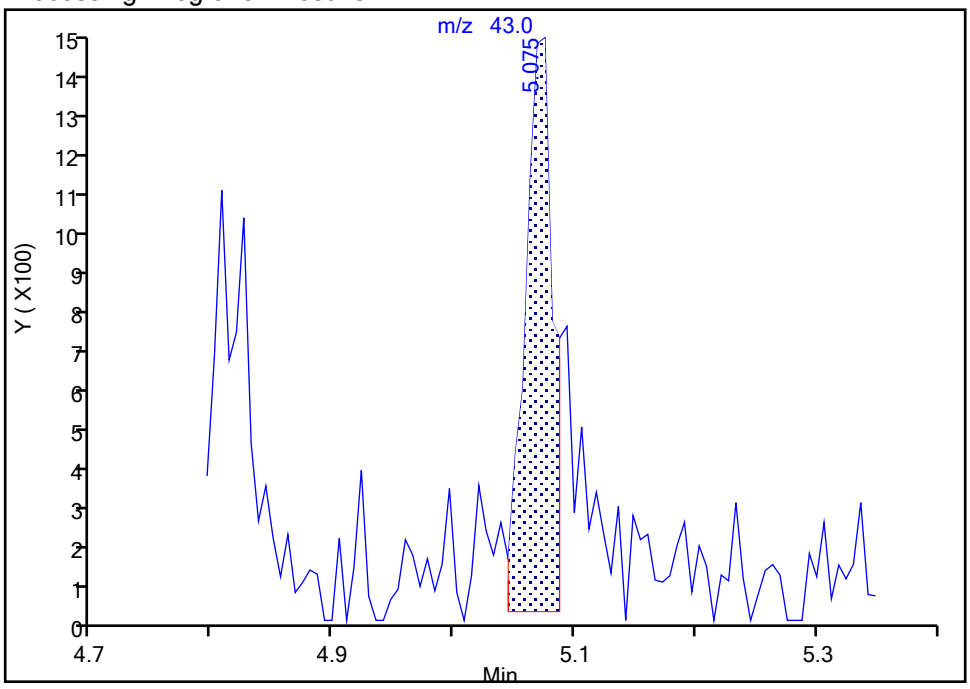
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 n-Propyl acetate, CAS: 109-60-4

Signal: 1

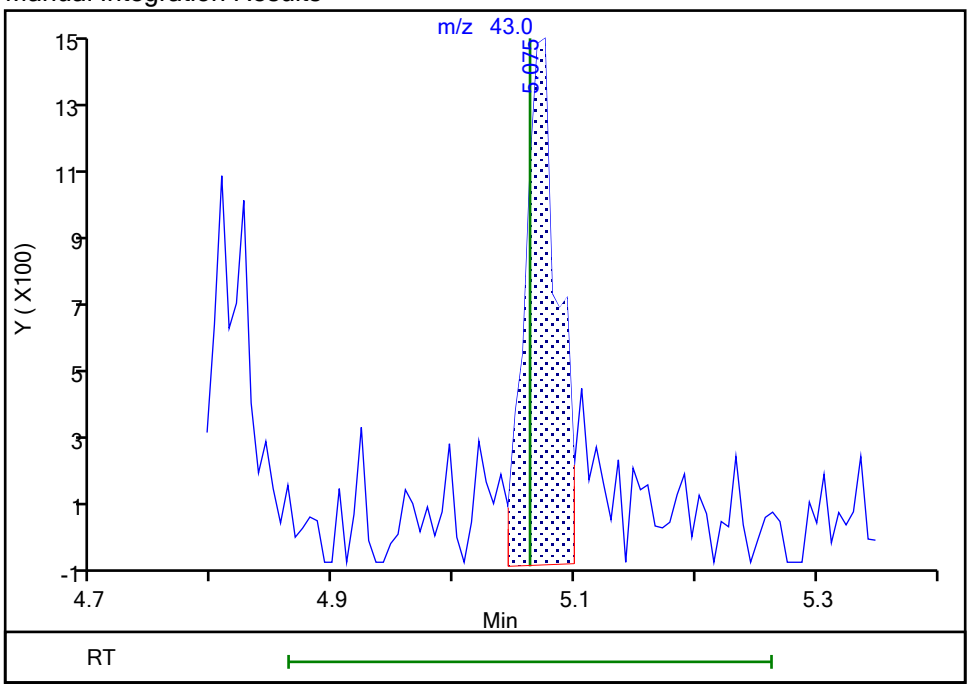
Processing Integration Results

RT: 5.08
Area: 2251
Amount: 0.818196
Amount Units: ug/l



Manual Integration Results

RT: 5.08
Area: 2695
Amount: 0.953923
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:26:53 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

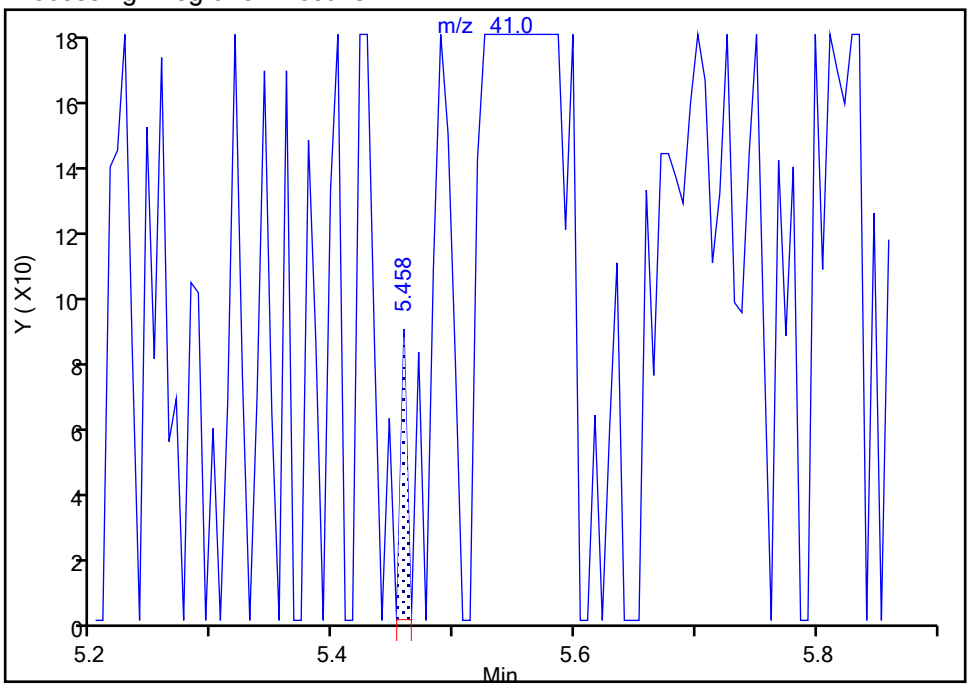
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

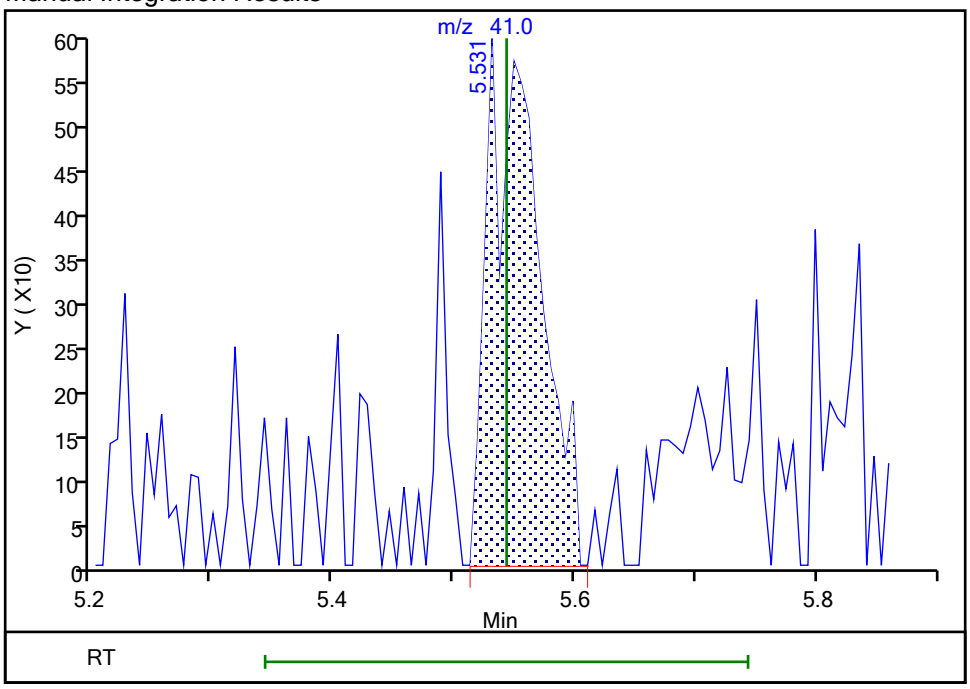
Processing Integration Results

RT: 5.46
Area: 32
Amount: 0.047639
Amount Units: ug/l



Manual Integration Results

RT: 5.53
Area: 1769
Amount: 2.490074
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:27:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

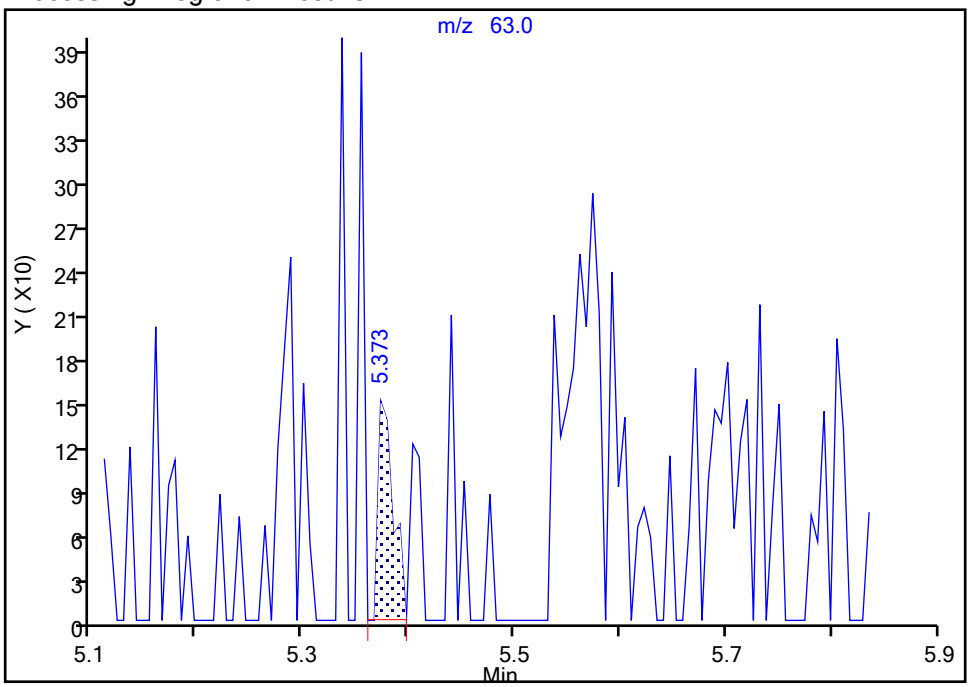
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

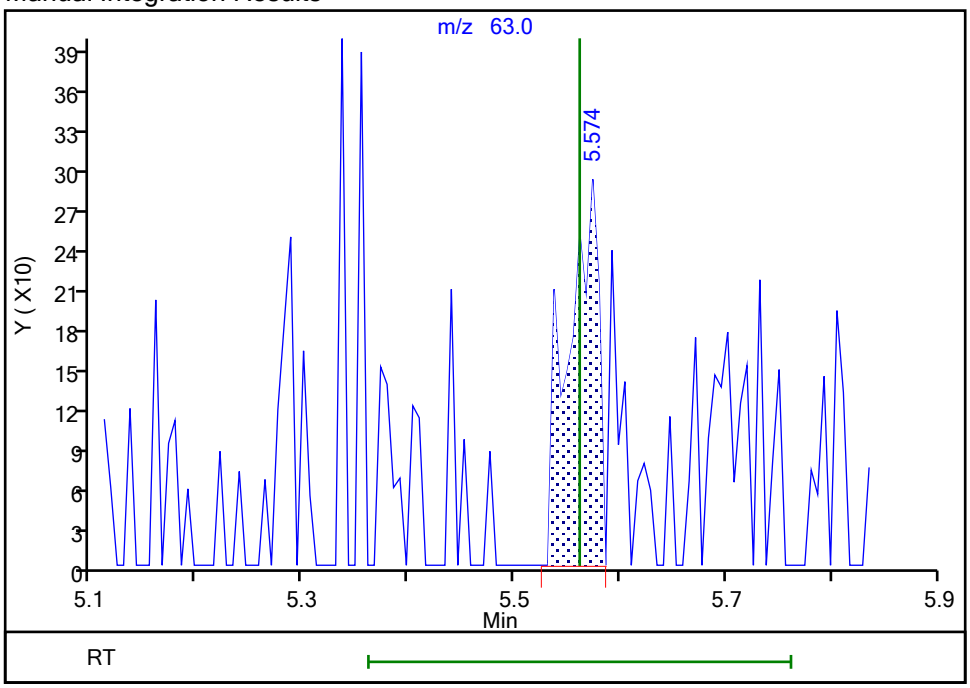
Processing Integration Results

RT: 5.37
Area: 148
Amount: 0.158748
Amount Units: ug/l



Manual Integration Results

RT: 5.57
Area: 579
Amount: 0.685175
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:27:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

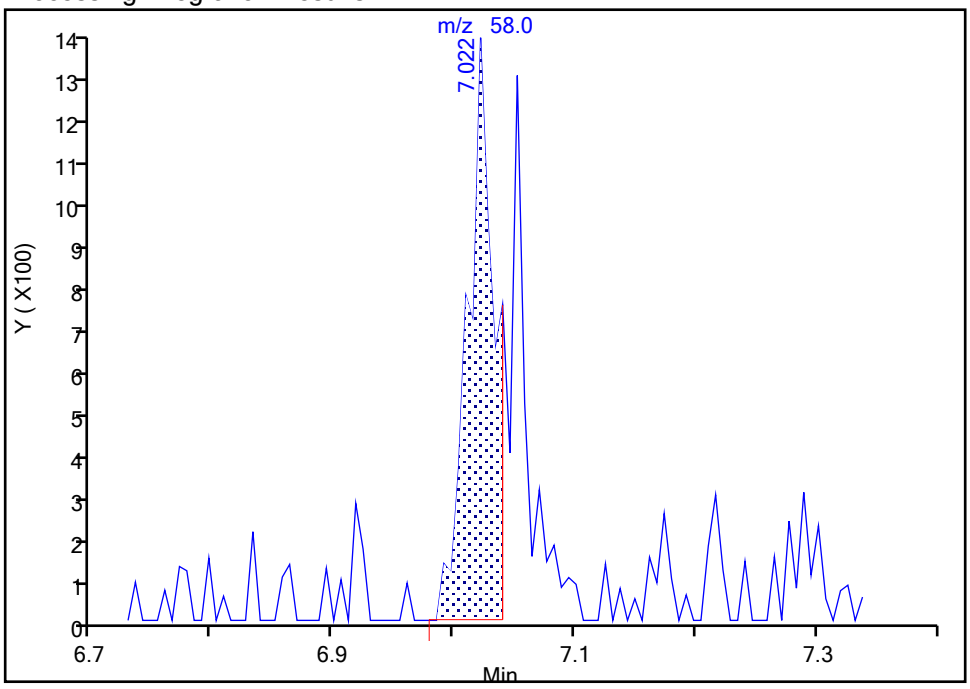
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

90 2-Hexanone, CAS: 591-78-6

Signal: 1

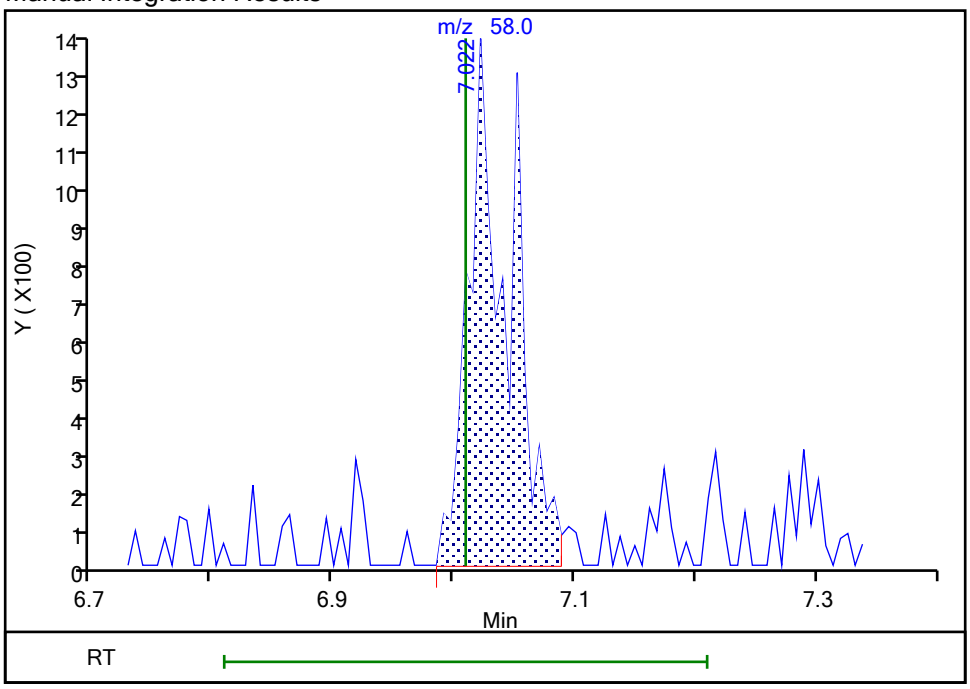
Processing Integration Results

RT: 7.02
Area: 2107
Amount: 2.220355
Amount Units: ug/l



Manual Integration Results

RT: 7.02
Area: 3218
Amount: 4.115645
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:27:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

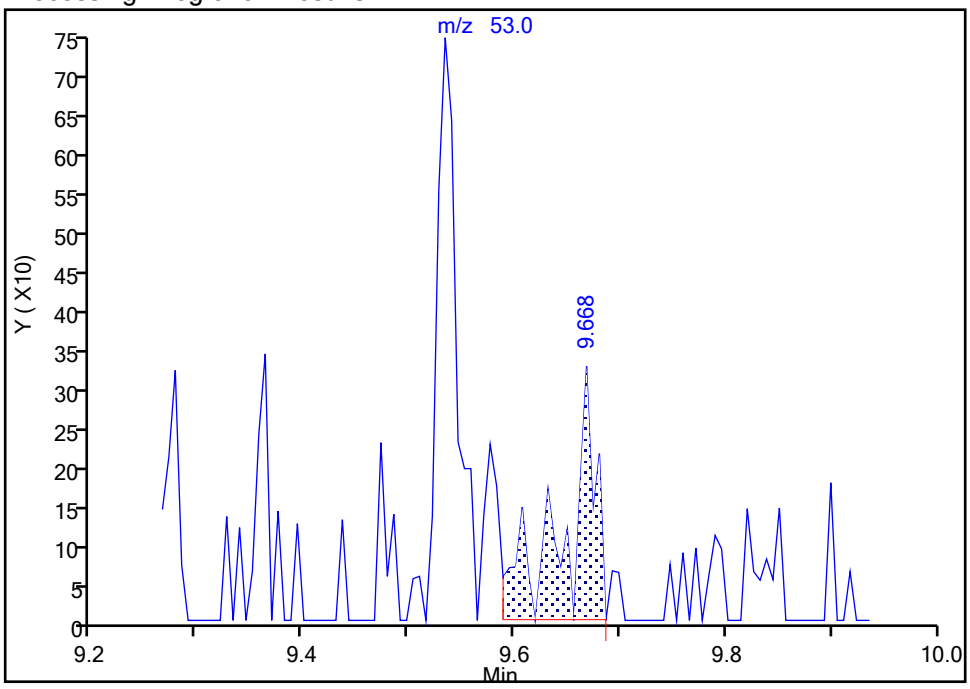
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

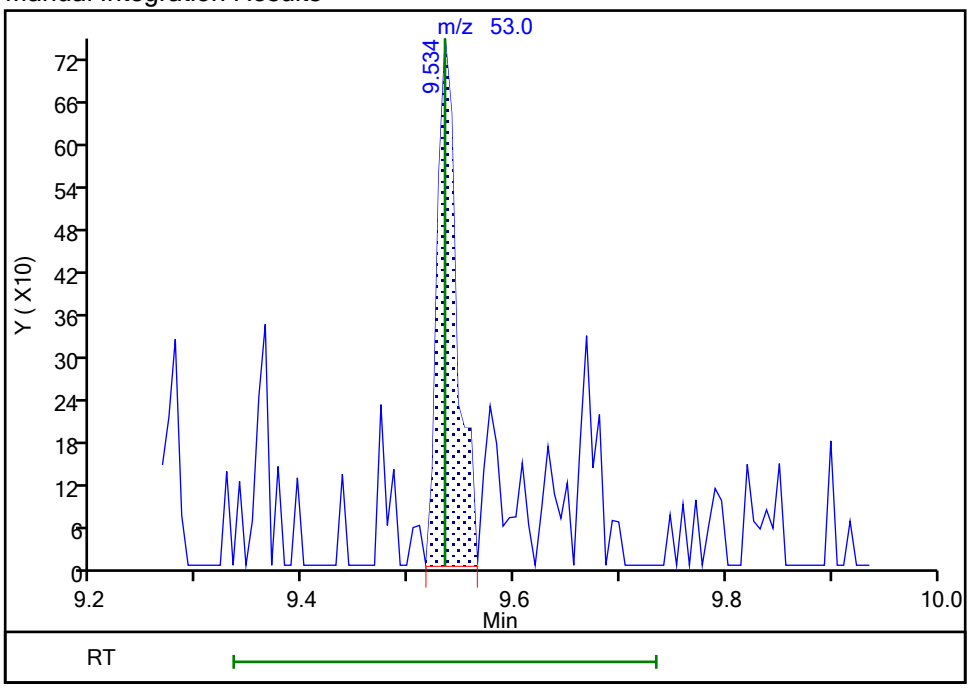
Processing Integration Results

RT: 9.67
Area: 643
Amount: 0.780591
Amount Units: ug/l



Manual Integration Results

RT: 9.53
Area: 974
Amount: 1.108202
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:28:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

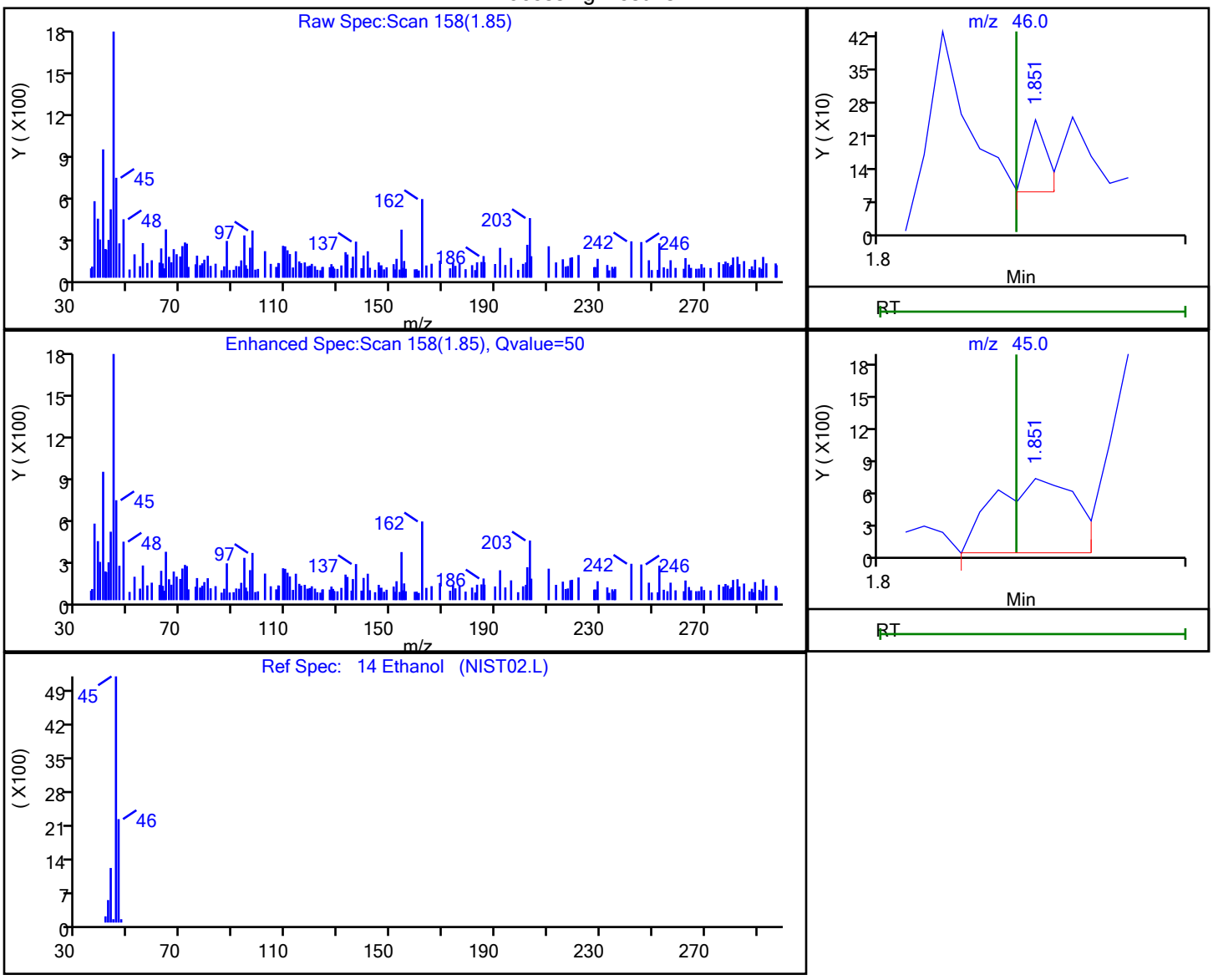
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.85	46.00	70	12.189653
1.85	45.00	1329	

Reviewer: W9CM, 15-Mar-2024 19:34:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

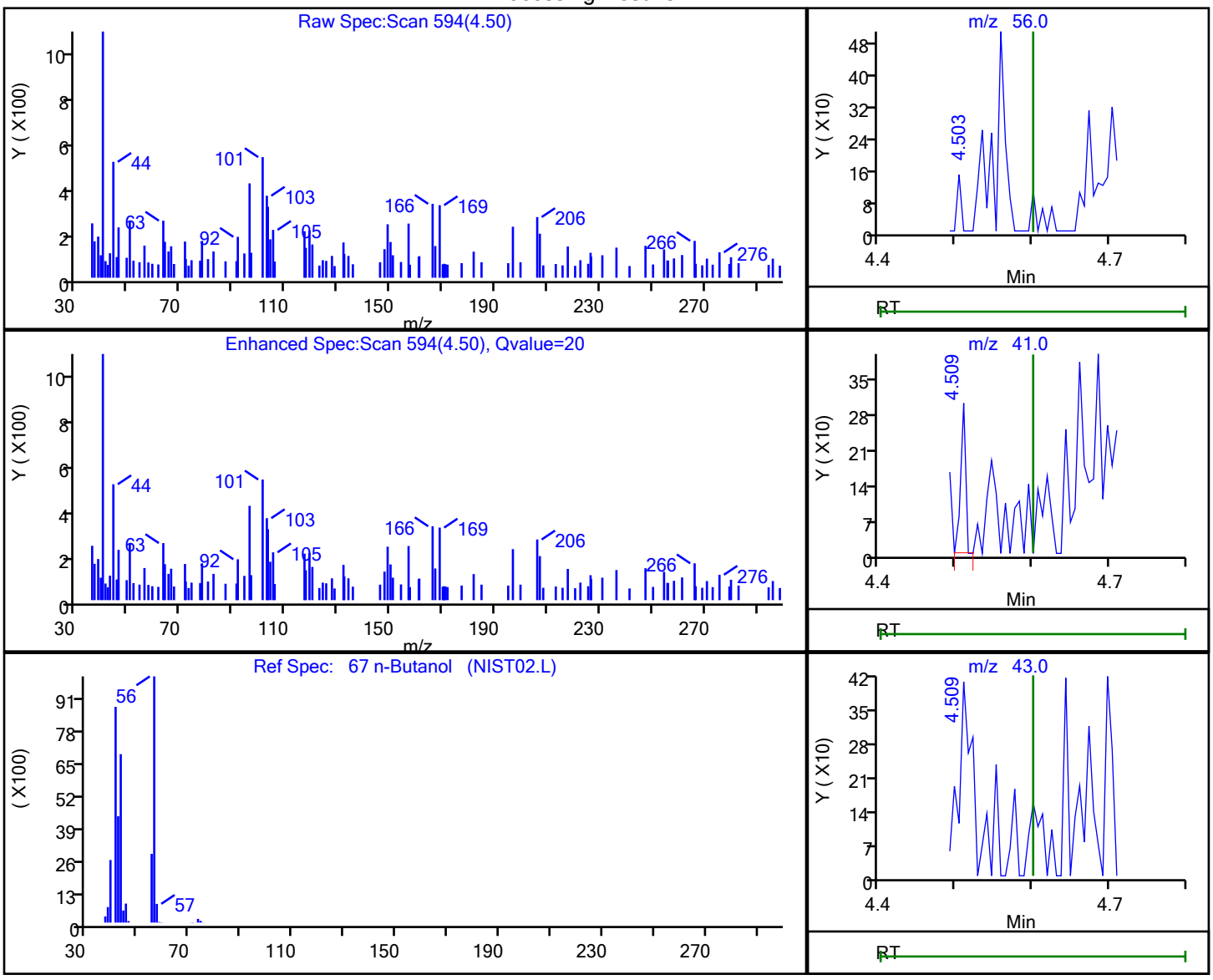
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02055.D
Injection Date: 14-Mar-2024 11:55:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.50	56.00	76	2.390828
4.51	41.00	136	
4.51	43.00	647	

Reviewer: W9CM, 15-Mar-2024 19:26:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 14-Mar-2024 12:20:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0173383-005
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2024 19:52:54 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: RD6L Date: 14-Mar-2024 13:16:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.114	1.121	-0.007	43	1381	5.00	8.21	a
4 Dichlorodifluoromethane	85	1.139	1.145	-0.006	99	19116	5.00	5.24	
5 Chlorodifluoromethane	67	1.157	1.157	0.000	98	2950	5.00	5.31	
6 Chloromethane	50	1.266	1.267	-0.001	98	18208	5.00	4.92	
7 Vinyl chloride	62	1.327	1.328	-0.001	98	17485	5.00	5.64	
8 Butadiene	54	1.339	1.344	-0.005	95	14261	5.00	4.72	
9 Bromomethane	94	1.534	1.534	0.000	96	6936	5.00	3.88	
10 Chloroethane	64	1.595	1.589	0.006	97	8842	5.00	5.93	
12 Dichlorofluoromethane	67	1.711	1.711	0.000	97	25761	5.00	5.35	
11 Trichlorofluoromethane	101	1.717	1.717	0.000	99	21547	5.00	5.17	
13 Pentane	43	1.747	1.747	0.000	95	30399	10.0	8.49	
14 Ethanol	46	1.844	1.845	-0.001	92	1383	200.0	187.9	
15 Ethyl ether	59	1.881	1.887	-0.006	95	9304	5.00	5.04	
16 2-Methyl-1,3-butadiene	53	1.905	1.899	0.006	90	9190	5.00	4.40	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.917	1.912	0.005	85	9946	5.00	4.97	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.954	1.948	0.006	95	19194	5.00	5.41	a
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.009	2.009	0.000	94	12592	5.00	5.10	
19 Acrolein	56	2.015	2.015	0.000	93	6791	20.0	15.8	
21 1,1-Dichloroethene	96	2.039	2.039	0.000	96	10891	5.00	5.14	
22 Acetone	43	2.100	2.100	0.000	86	15818	25.0	24.0	
23 Iodomethane	142	2.161	2.155	0.006	94	11091	5.00	4.69	
25 Isopropyl alcohol	45	2.161	2.161	0.000	51	5083	50.0	41.5	
24 Carbon disulfide	76	2.185	2.185	0.000	100	47417	5.00	5.48	
26 3-Chloro-1-propene	76	2.276	2.277	-0.001	90	7284	5.00	5.34	
28 Methyl acetate	43	2.289	2.283	0.005	96	15448	10.0	9.49	
27 Cyclopentene	67	2.301	2.295	0.006	96	21951	5.00	5.16	
29 Acetonitrile	41	2.331	2.325	0.006	95	15349	50.0	48.0	
* 30 TBA-d9 (IS)	65	2.362	2.360	0.002	75	198394	1000.0	1000.0	
31 Methylene Chloride	84	2.380	2.380	0.000	94	14000	5.00	6.23	
32 2-Methyl-2-propanol	59	2.428	2.416	0.012	94	8258	50.0	51.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.495	2.502	-0.007	98	24641	5.00	5.34	
34 trans-1,2-Dichloroethene	96	2.526	2.526	0.000	95	13268	5.00	5.81	
35 Acrylonitrile	53	2.581	2.591	-0.011	96	37261	50.0	47.1	
36 Hexane	57	2.647	2.648	-0.001	92	9736	5.00	5.02	
37 Isopropyl ether	45	2.812	2.818	-0.006	98	28206	5.00	4.87	
38 1,1-Dichloroethane	63	2.848	2.848	0.000	99	24596	5.00	5.78	
39 Vinyl acetate	43	2.860	2.854	0.006	100	38865	10.0	10.5	a
40 2-Chloro-1,3-butadiene	88	2.891	2.891	0.000	94	9947	5.00	5.44	
41 Tert-butyl ethyl ether	59	3.085	3.086	-0.001	87	30382	5.00	4.66	
* 43 2-Butanone-d5	46	3.262	3.260	0.002	89	313866	250.0	250.0	
42 2,2-Dichloropropane	79	3.274	3.274	0.000	52	7277	5.00	4.68	
44 cis-1,2-Dichloroethene	96	3.292	3.299	-0.007	96	16737	5.00	5.29	
45 Ethyl acetate	70	3.323	3.311	0.012	96	2488	10.0	9.49	
46 2-Butanone (MEK)	72	3.311	3.311	0.000	96	5955	25.0	24.2	
47 Methyl acrylate	55	3.365	3.359	0.006	97	9125	5.00	4.81	
48 Propionitrile	54	3.432	3.426	0.006	98	19575	50.0	48.0	
50 Chlorobromomethane	128	3.499	3.493	0.006	87	8534	5.00	5.18	
49 Tetrahydrofuran	72	3.499	3.505	-0.006	48	2490	10.0	9.61	a
51 Methacrylonitrile	67	3.517	3.518	-0.001	95	48479	50.0	52.3	a
52 Chloroform	83	3.542	3.542	0.000	98	30065	5.00	5.50	
53 Cyclohexane	84	3.657	3.657	0.000	97	14868	5.00	4.28	
54 1,1,1-Trichloroethane	97	3.663	3.670	-0.007	99	21107	5.00	4.55	
$ 55 Dibromofluoromethane (Surr)	113	3.688	3.686	0.002	96	181601	50.0	53.7	
56 Carbon tetrachloride	117	3.779	3.779	0.000	99	18727	5.00	4.81	
57 1,1-Dichloropropene	75	3.809	3.810	-0.001	95	17069	5.00	4.62	a
58 Isobutyl alcohol	43	3.943	3.943	0.000	82	14490	125.0	101.0	a
59 Isooctane	57	3.961	3.962	-0.001	92	22042	5.00	4.91	a
60 Benzene	78	3.998	3.998	0.000	96	51922	5.00	4.46	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.010	4.015	-0.005	0	182760	50.0	54.2	
62 Isopropyl acetate	43	4.059	4.053	0.006	91	32620	5.00	5.49	
63 Tert-amyl methyl ether	55	4.059	4.059	0.000	72	9367	5.00	5.42	a
64 1,2-Dichloroethane	62	4.083	4.083	0.000	96	19794	5.00	4.93	
65 n-Heptane	57	4.144	4.144	0.000	96	5582	5.00	5.38	
* 66 Fluorobenzene	96	4.272	4.270	0.002	99	635681	50.0	50.0	
67 n-Butanol	56	4.625	4.600	0.025	22	3320	125.0	76.6	M
68 Trichloroethene	95	4.612	4.619	-0.007	97	13888	5.00	4.78	
69 Methylcyclohexane	83	4.740	4.740	0.000	93	13393	5.00	4.27	
70 Ethyl acrylate	55	4.752	4.746	0.006	96	24563	5.00	4.83	
71 1,2-Dichloropropane	63	4.910	4.905	0.005	92	13208	5.00	4.67	
* 72 1,4-Dioxane-d8	96	4.983	4.976	0.007	0	28702	1000.0	1000.0	
73 Methyl methacrylate	100	5.002	4.996	0.006	94	5467	10.0	10.8	
75 1,4-Dioxane	88	5.032	5.026	0.006	35	2473	100.0	104.6	a
74 Dibromomethane	93	5.038	5.045	-0.006	92	11576	5.00	5.53	
76 n-Propyl acetate	43	5.069	5.063	0.006	98	14523	5.00	5.21	
77 Dichlorobromomethane	83	5.196	5.203	-0.007	98	20157	5.00	4.96	
78 2-Nitropropane	41	5.543	5.543	0.000	97	6946	10.0	8.69	
79 2-Chloroethyl vinyl ether	63	5.561	5.562	-0.001	72	3596	5.01	4.31	
80 Epichlorohydrin	57	5.671	5.700	-0.029	98	18394	100.0	91.3	
81 cis-1,3-Dichloropropene	75	5.726	5.720	0.006	93	20744	5.00	4.28	
82 4-Methyl-2-pentanone (MIBK)	43	5.908	5.902	0.006	97	50189	25.0	24.8	
$ 83 Toluene-d8 (Surr)	98	5.975	5.974	0.001	99	522245	50.0	49.7	
84 Toluene	91	6.060	6.054	0.006	92	55107	5.00	4.80	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.462	6.462	0.000	98	17563	5.00	4.13	
86 Ethyl methacrylate	69	6.504	6.505	-0.001	91	12317	5.00	5.16	
87 1,1,2-Trichloroethane	83	6.693	6.687	0.006	95	11110	5.00	4.75	
88 Tetrachloroethene	166	6.717	6.724	-0.007	94	14253	5.00	4.74	
89 1,3-Dichloropropane	76	6.912	6.918	-0.006	96	18687	5.00	4.66	
90 2-Hexanone	58	7.021	7.009	0.012	97	15706	25.0	21.5	
91 n-Butyl acetate	43	7.161	7.155	0.006	95	16250	5.00	5.00	
92 Chlorodibromomethane	129	7.174	7.168	0.006	97	15300	5.00	4.62	
93 Ethylene Dibromide	107	7.338	7.332	0.006	98	13580	5.00	4.59	
* 94 Chlorobenzene-d5	117	7.928	7.926	0.002	86	508999	50.0	50.0	
95 Chlorobenzene	112	7.970	7.965	0.005	94	37049	5.00	4.87	
96 Ethylbenzene	106	8.080	8.080	0.000	99	17145	5.00	4.75	
97 1,1,1,2-Tetrachloroethane	131	8.092	8.092	0.000	96	13679	5.00	4.90	
98 m-Xylene & p-Xylene	106	8.226	8.232	-0.006	0	20225	5.00	4.62	
99 o-Xylene	106	8.688	8.689	0.000	94	18990	5.00	4.39	
100 n-Butyl acrylate	73	8.713	8.707	0.006	87	6984	5.00	4.19	
101 Styrene	104	8.725	8.725	0.000	96	33210	5.00	4.57	
103 Bromoform	173	8.938	8.938	0.000	94	10572	5.00	4.66	
102 Amyl acetate (mixed isomers)	43	8.956	8.956	0.000	88	17001	5.00	4.76	
104 Isopropylbenzene	105	9.072	9.072	0.000	96	44583	5.00	4.41	
$ 105 4-Bromofluorobenzene	174	9.272	9.271	0.001	96	196650	50.0	51.0	
106 Bromobenzene	156	9.400	9.400	0.000	91	16550	5.00	4.94	
107 1,1,2,2-Tetrachloroethane	83	9.473	9.473	0.000	98	18231	5.00	5.53	
108 N-Propylbenzene	91	9.485	9.485	0.000	98	53998	5.00	4.61	
109 1,2,3-Trichloropropane	110	9.503	9.510	-0.007	97	4312	5.00	5.01	a
110 trans-1,4-Dichloro-2-butene	53	9.534	9.534	0.000	72	4272	5.00	4.79	a
111 2-Chlorotoluene	91	9.583	9.583	0.000	97	41585	5.00	4.94	
112 4-Ethyltoluene	105	9.601	9.595	0.006	98	45415	5.00	4.71	
113 1,3,5-Trimethylbenzene	105	9.662	9.668	-0.006	92	39166	5.00	4.88	
114 4-Chlorotoluene	91	9.692	9.692	0.000	97	39341	5.00	4.80	
115 Butyl Methacrylate	87	9.783	9.784	-0.001	94	12452	5.00	4.71	
116 tert-Butylbenzene	119	9.948	9.942	0.006	94	31383	5.00	4.77	
117 1,2,4-Trimethylbenzene	105	10.002	10.003	-0.001	97	39828	5.00	4.67	
118 sec-Butylbenzene	105	10.142	10.142	0.000	99	42026	5.00	4.57	
120 1,3-Dichlorobenzene	146	10.264	10.264	0.000	96	28364	5.00	4.97	
119 4-Isopropyltoluene	119	10.270	10.270	0.000	97	34862	5.00	4.42	
* 121 1,4-Dichlorobenzene-d4	152	10.331	10.329	0.002	95	265436	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.349	10.349	0.000	95	30799	5.00	5.01	
123 1,2,3-Trimethylbenzene	105	10.367	10.374	-0.007	98	44699	5.00	4.87	
124 Benzyl chloride	91	10.477	10.477	0.000	98	25873	5.00	4.78	a
125 2,3-Dihydroindene	117	10.532	10.532	0.000	94	45425	5.00	4.92	
126 p-Diethylbenzene	119	10.592	10.593	-0.001	92	22246	5.00	4.61	
127 n-Butylbenzene	92	10.617	10.617	0.000	97	18365	5.00	4.56	
128 1,2-Dichlorobenzene	146	10.659	10.660	-0.001	97	29738	5.00	5.29	
129 1,2,4,5-Tetramethylbenzene	119	11.219	11.219	0.000	97	31525	5.00	4.37	
130 1,2-Dibromo-3-Chloropropane	157	11.304	11.298	0.006	92	3115	5.00	4.41	
131 1,3,5-Trichlorobenzene	180	11.414	11.408	0.006	95	17591	5.00	4.58	
132 1,2,4-Trichlorobenzene	180	11.888	11.888	0.000	94	16244	5.00	4.61	
133 Hexachlorobutadiene	225	11.973	11.968	0.005	94	6736	5.00	4.92	
134 Naphthalene	128	12.071	12.071	0.000	99	32501	5.00	3.98	
135 1,2,3-Trichlorobenzene	180	12.247	12.247	0.000	94	16122	5.00	5.00	
S 136 1,2-Dichloroethene, Total	100				0		10.0	11.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		10.0	9.01	
S 138 Total BTEX	1				0		25.0	23.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00015	Amount Added:	10.00	Units: uL	
ACROLEIN W_00166	Amount Added:	4.00	Units: uL	
GASES Li_00575	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00184	Amount Added:	10.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2024 19:52:55 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D

Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8 Operator ID:

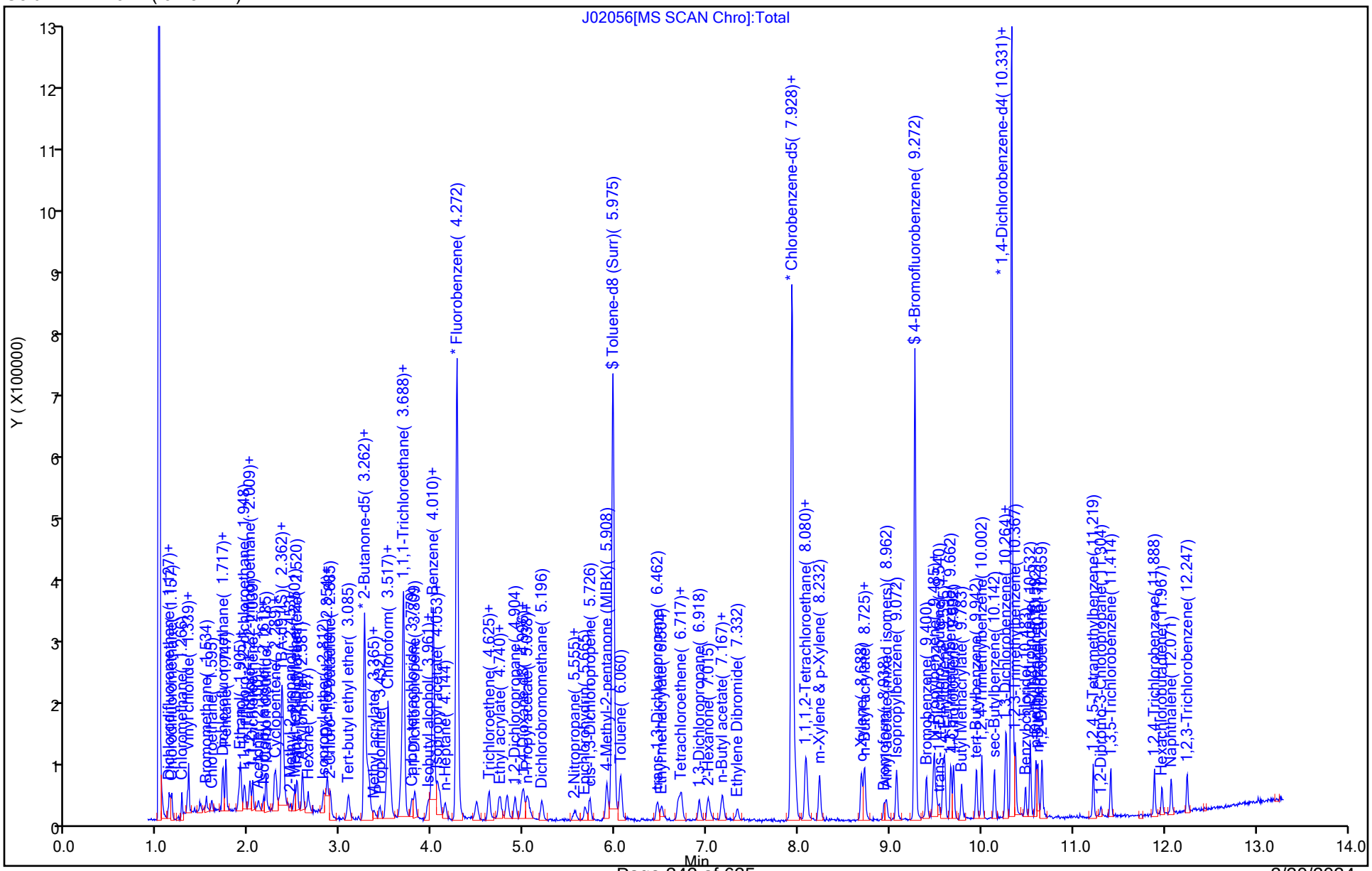
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



3/20/2024
1:03:26 PM

Eurofins Edison

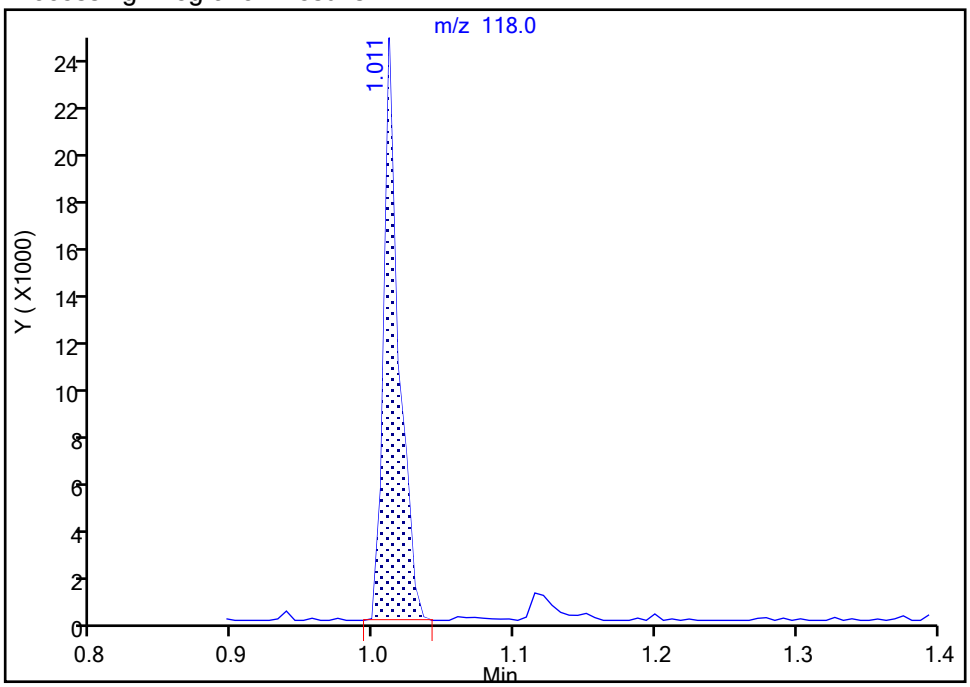
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

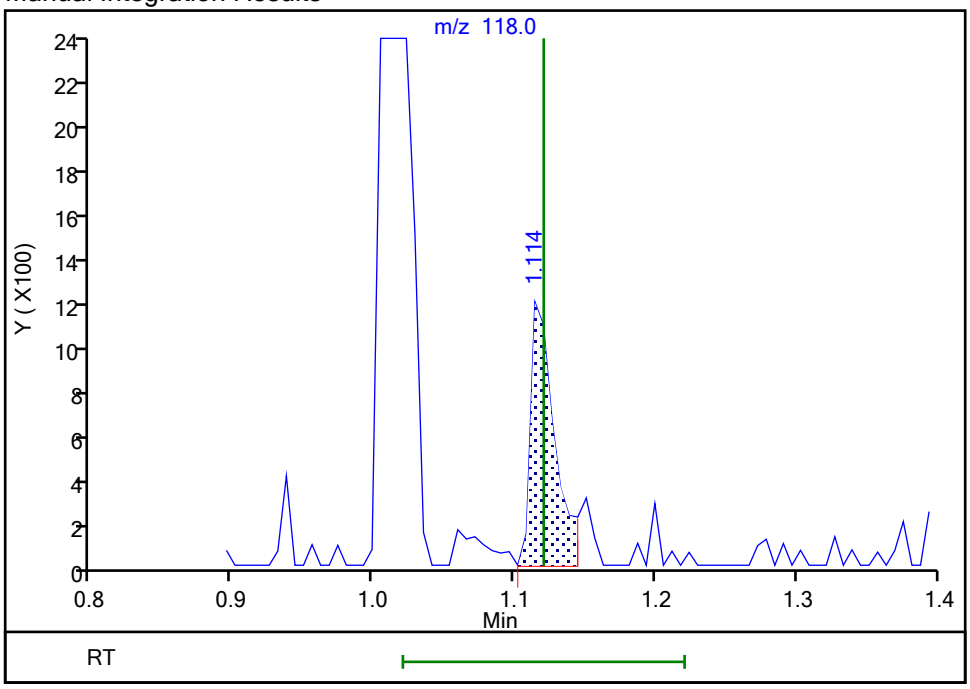
Processing Integration Results

RT: 1.01
Area: 18282
Amount: 1.841524
Amount Units: ug/l



Manual Integration Results

RT: 1.11
Area: 1381
Amount: 8.209040
Amount Units: ug/l



Reviewer: RD6L, 14-Mar-2024 13:16:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

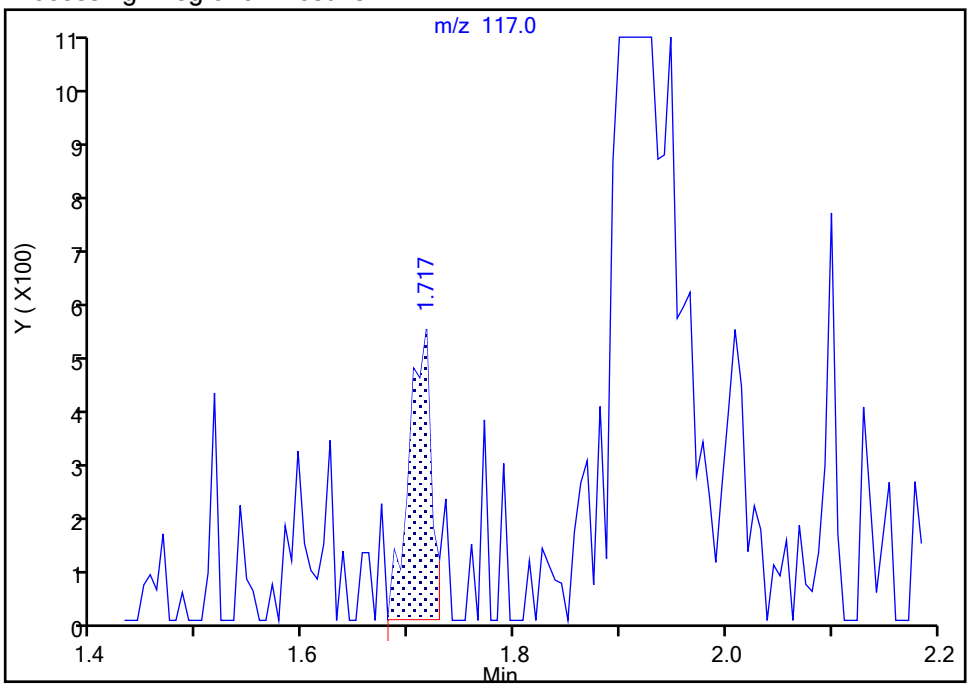
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

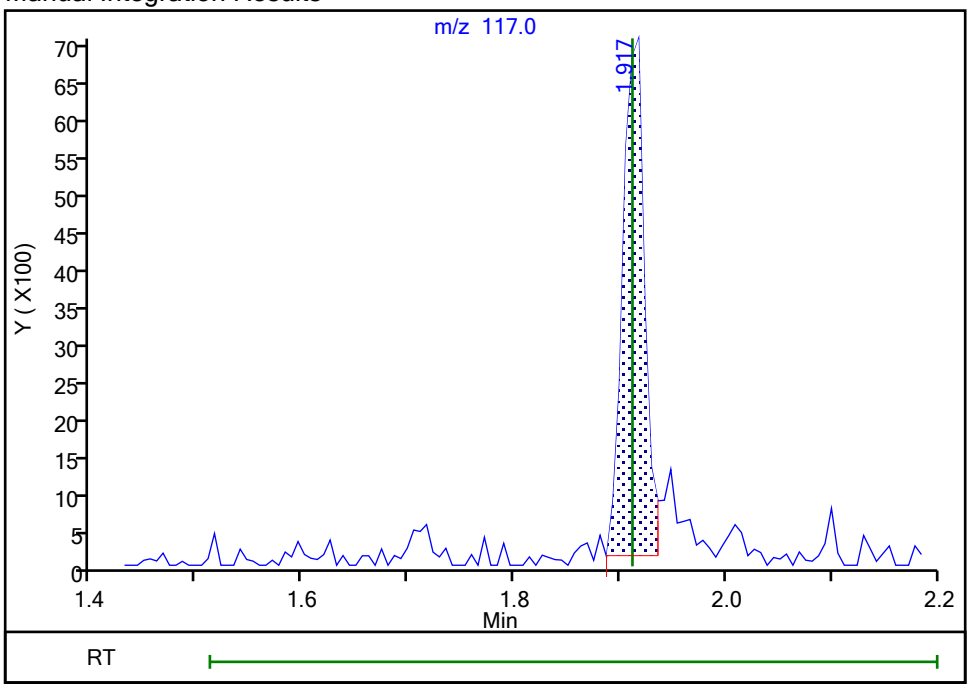
Processing Integration Results

RT: 1.72
Area: 801
Amount: 10.716663
Amount Units: ug/l



Manual Integration Results

RT: 1.92
Area: 9946
Amount: 4.965487
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:38:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

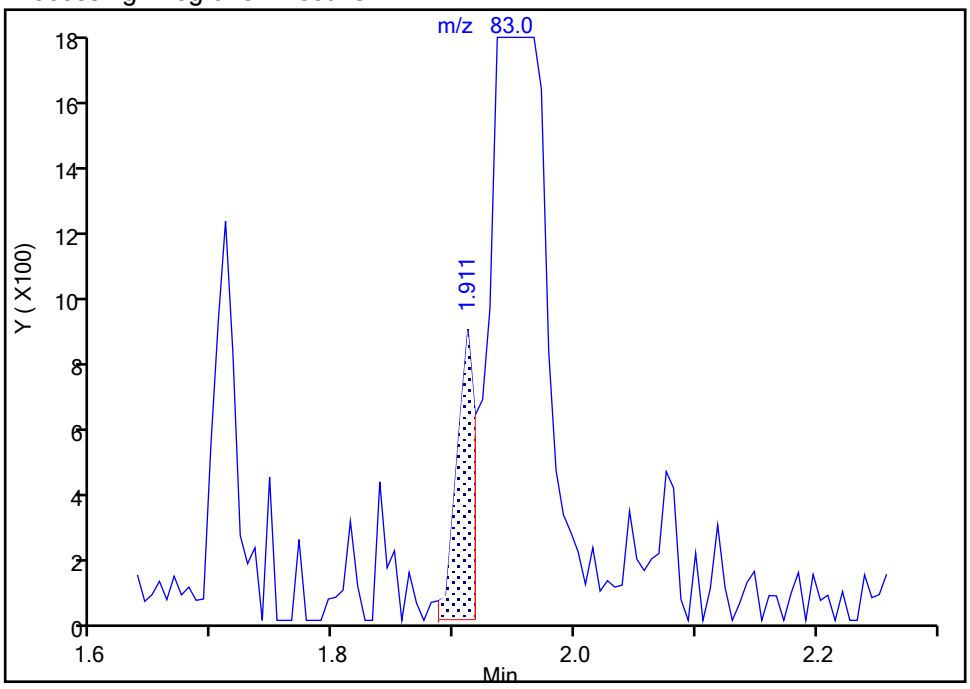
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

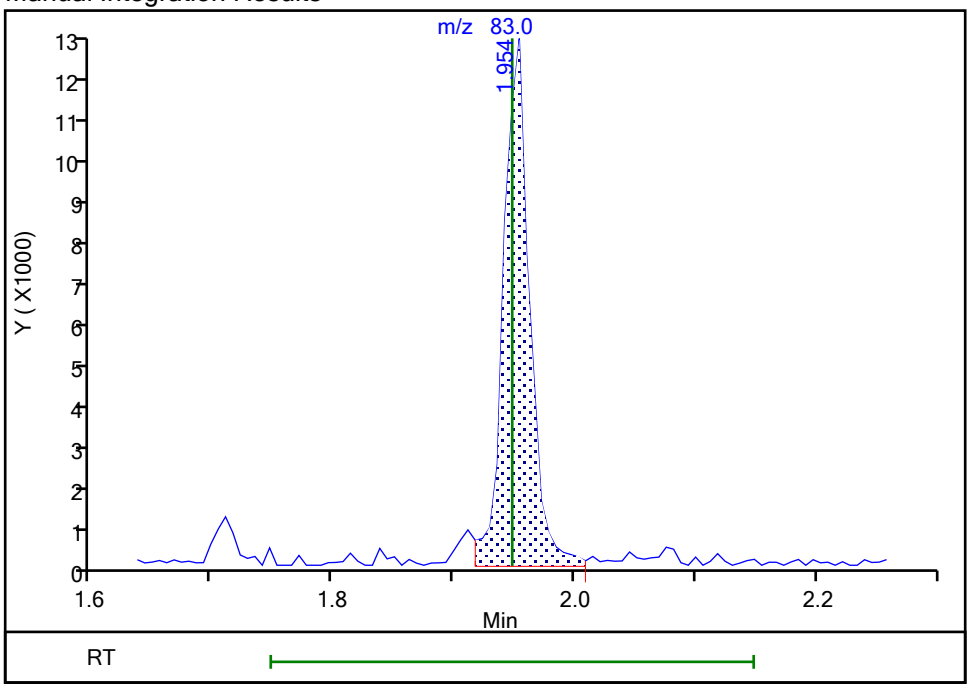
Processing Integration Results

RT: 1.91
Area: 926
Amount: 0.389430
Amount Units: ug/l



Manual Integration Results

RT: 1.95
Area: 19194
Amount: 5.412780
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:39:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

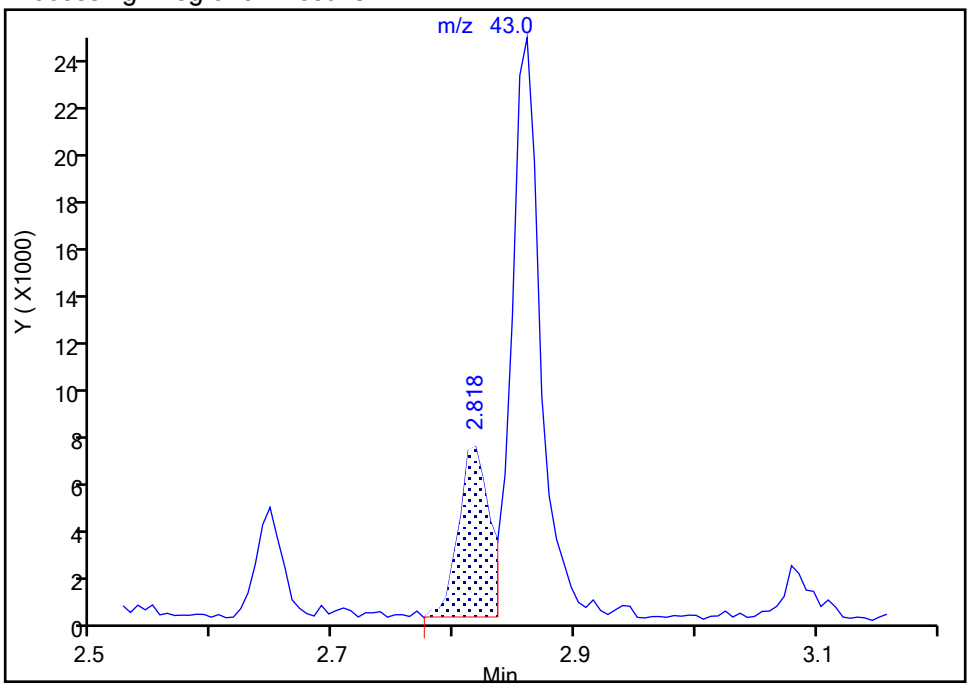
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

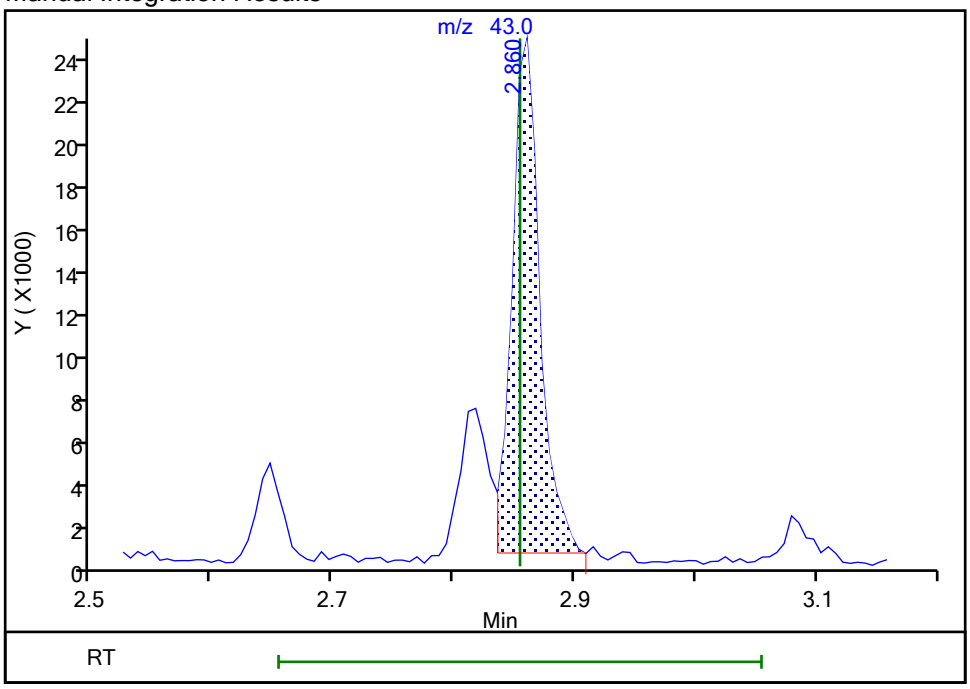
Processing Integration Results

RT: 2.82
Area: 13264
Amount: 3.281277
Amount Units: ug/l



Manual Integration Results

RT: 2.86
Area: 38865
Amount: 10.499721
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:20:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

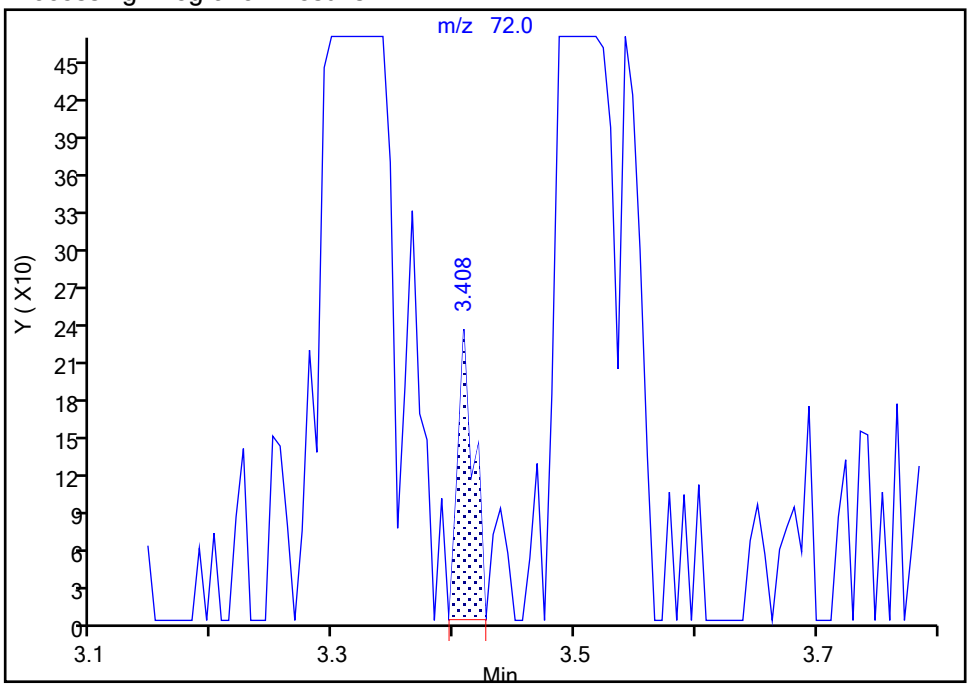
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

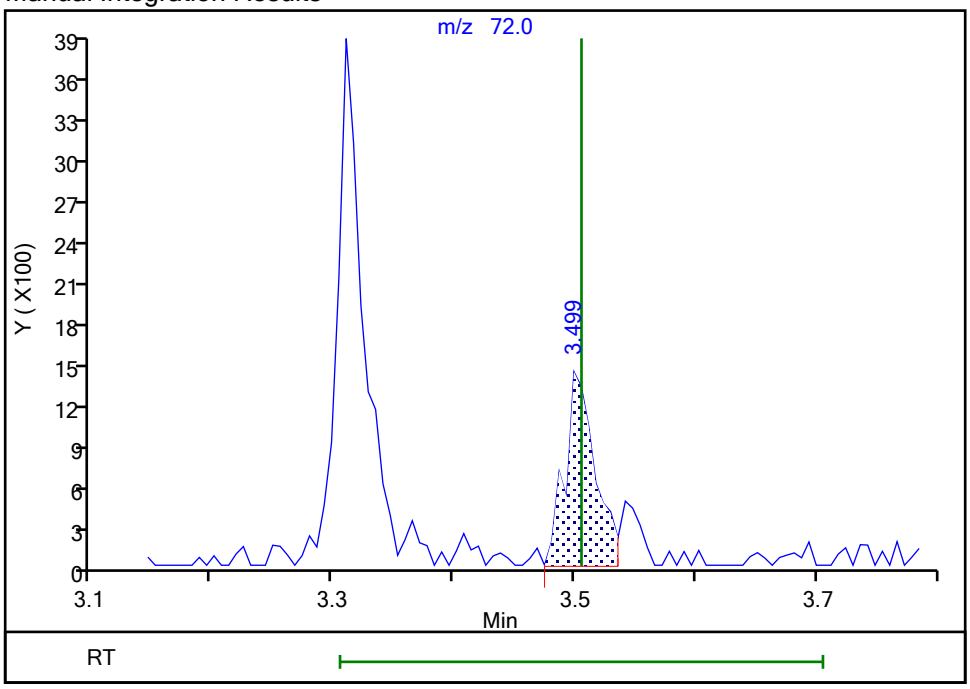
Processing Integration Results

RT: 3.41
Area: 217
Amount: 0.981100
Amount Units: ug/l



Manual Integration Results

RT: 3.50
Area: 2490
Amount: 9.611534
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:39:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

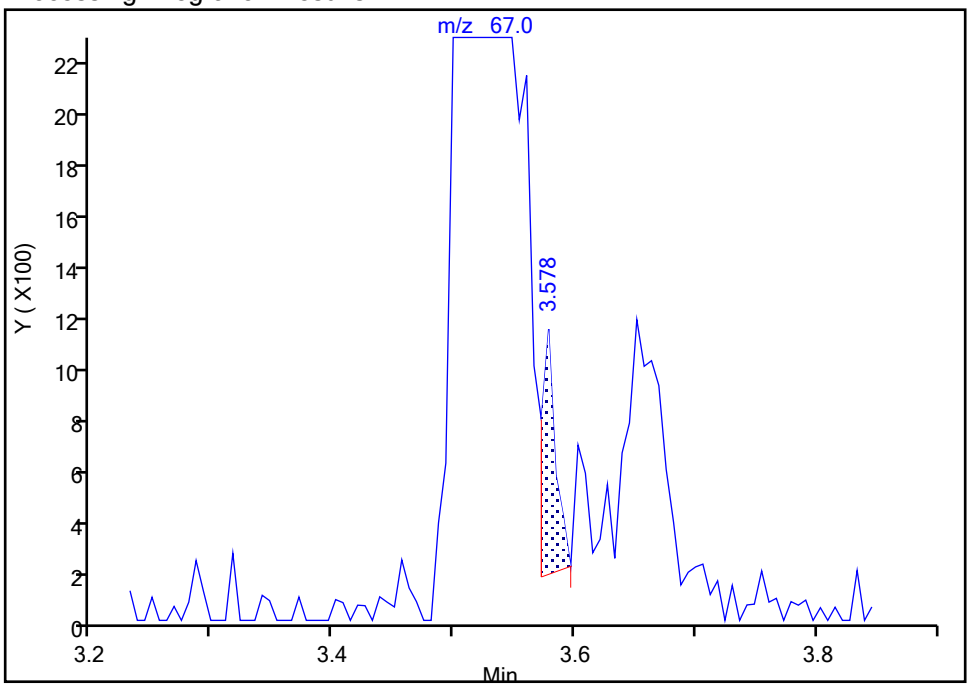
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

51 Methacrylonitrile, CAS: 126-98-7

Signal: 1

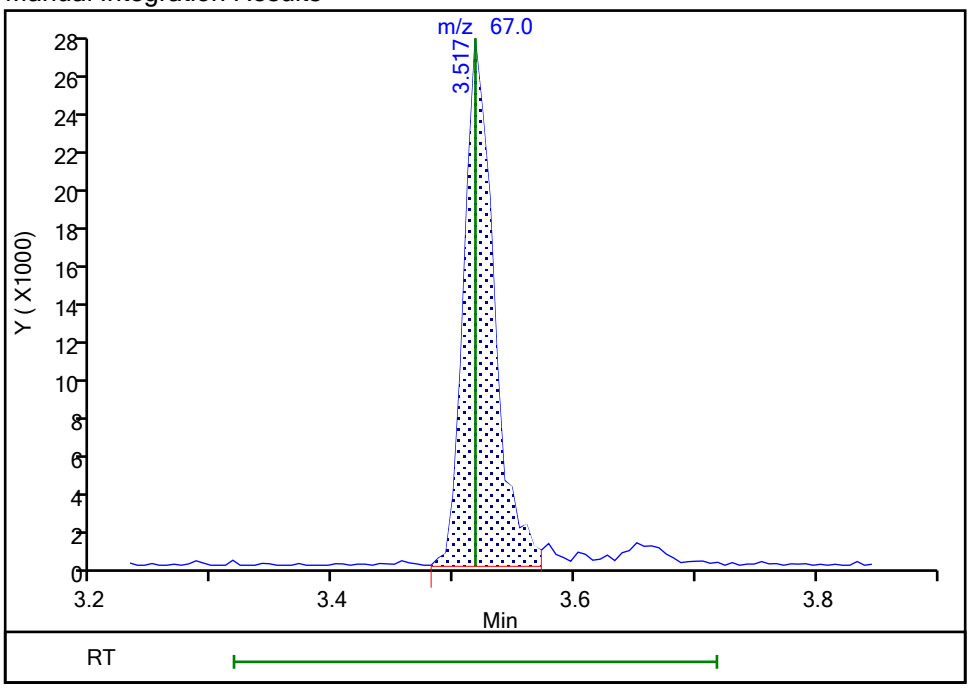
Processing Integration Results

RT: 3.58
Area: 801
Amount: 1.043196
Amount Units: ug/l



Manual Integration Results

RT: 3.52
Area: 48479
Amount: 52.310220
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:39:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

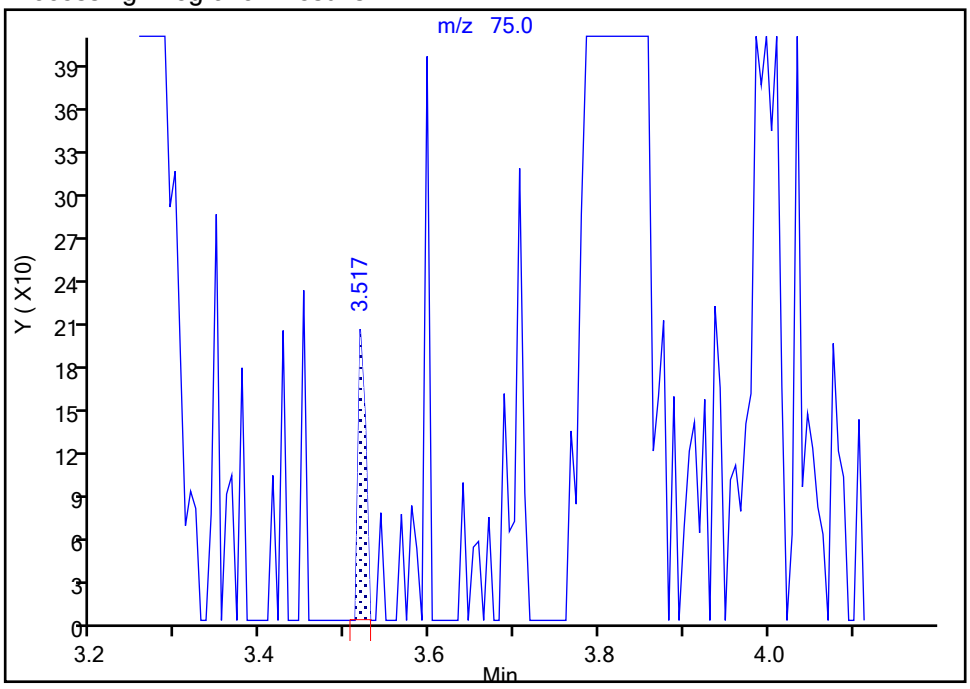
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

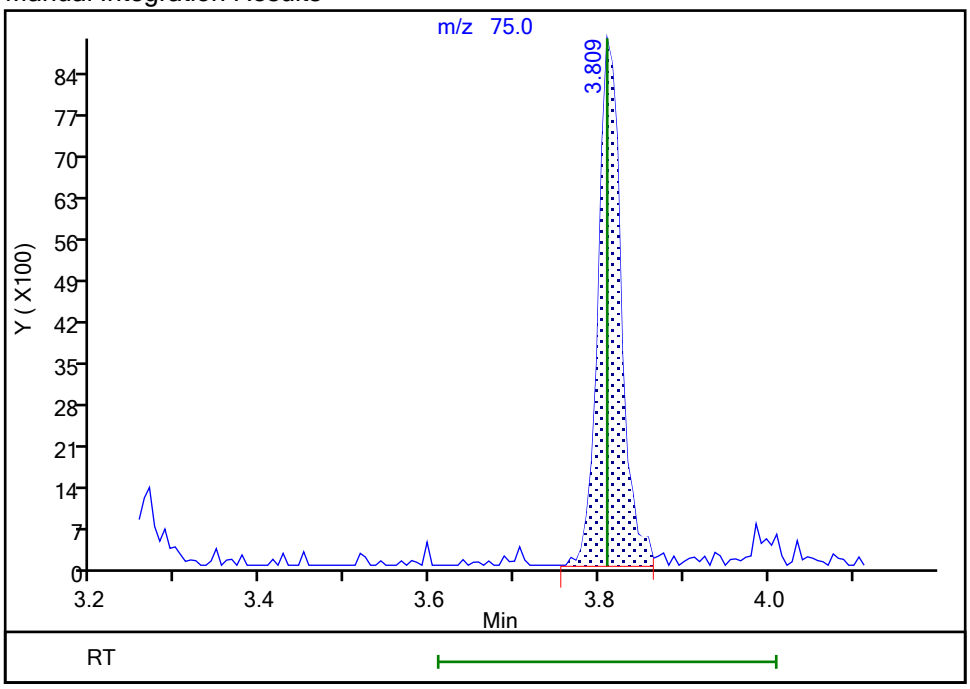
Processing Integration Results

RT: 3.52
Area: 125
Amount: 0.140883
Amount Units: ug/l



Manual Integration Results

RT: 3.81
Area: 17069
Amount: 4.615927
Amount Units: ug/l



Reviewer: RD6L, 14-Mar-2024 13:32:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

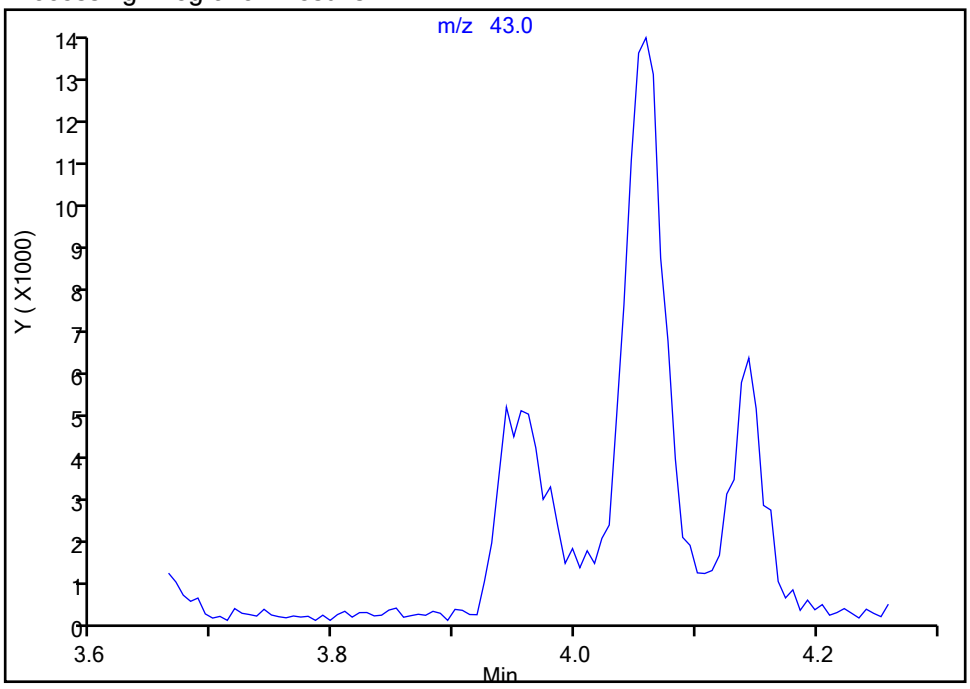
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

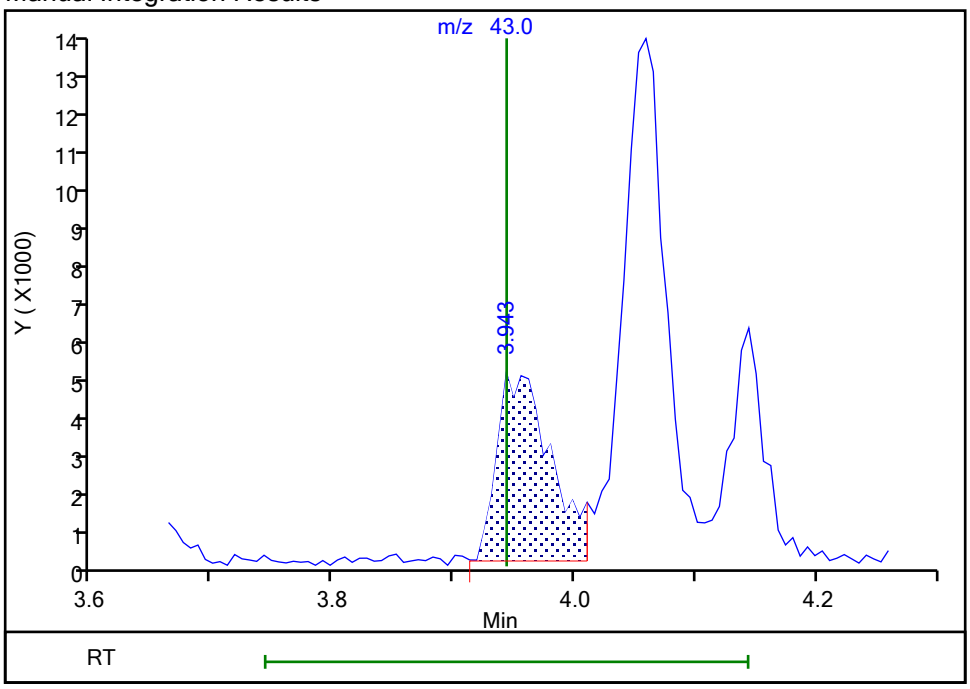
Not Detected
Expected RT: 3.94

Processing Integration Results



Manual Integration Results

RT: 3.94
Area: 14490
Amount: 100.9576
Amount Units: ug/l



Reviewer: RD6L, 14-Mar-2024 13:32:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

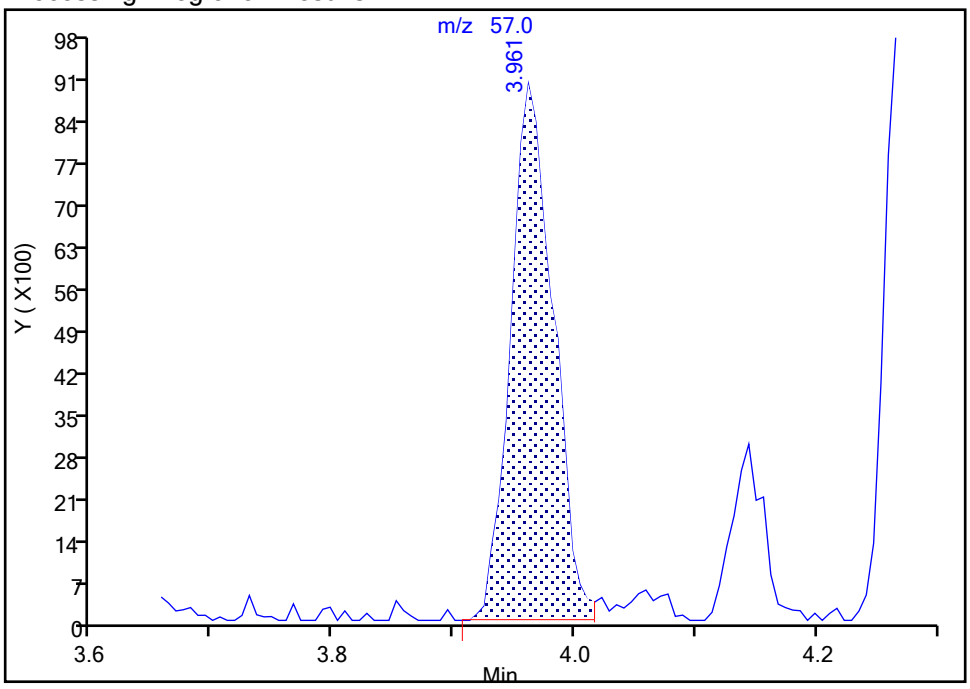
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Signal: 1

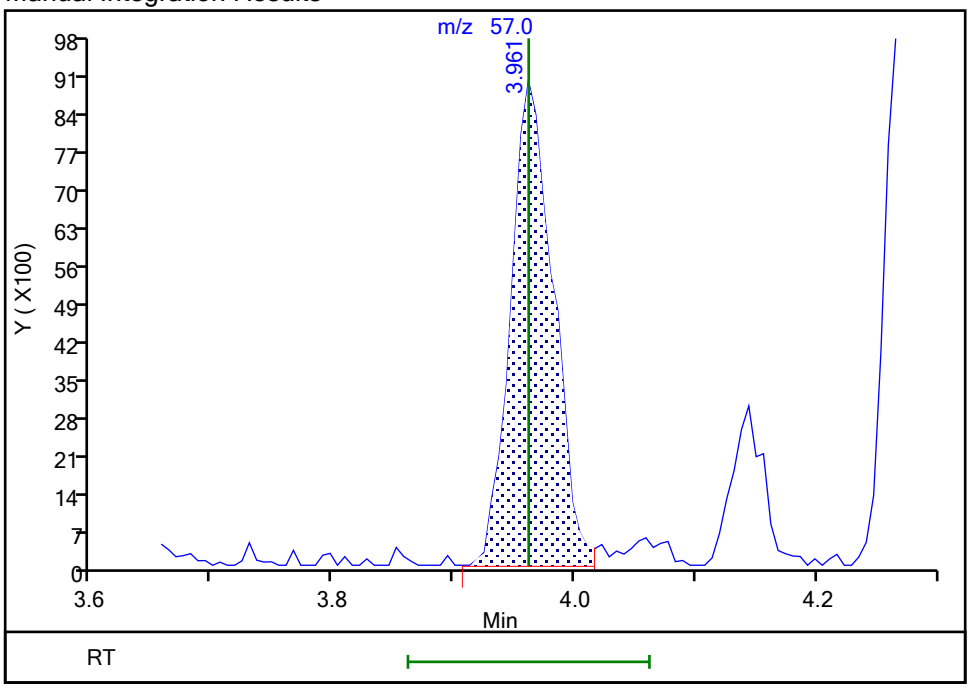
Processing Integration Results

RT: 3.96
Area: 22042
Amount: 12.232288
Amount Units: ug/l



Manual Integration Results

RT: 3.96
Area: 22042
Amount: 4.913130
Amount Units: ug/l



Reviewer: RD6L, 14-Mar-2024 13:34:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

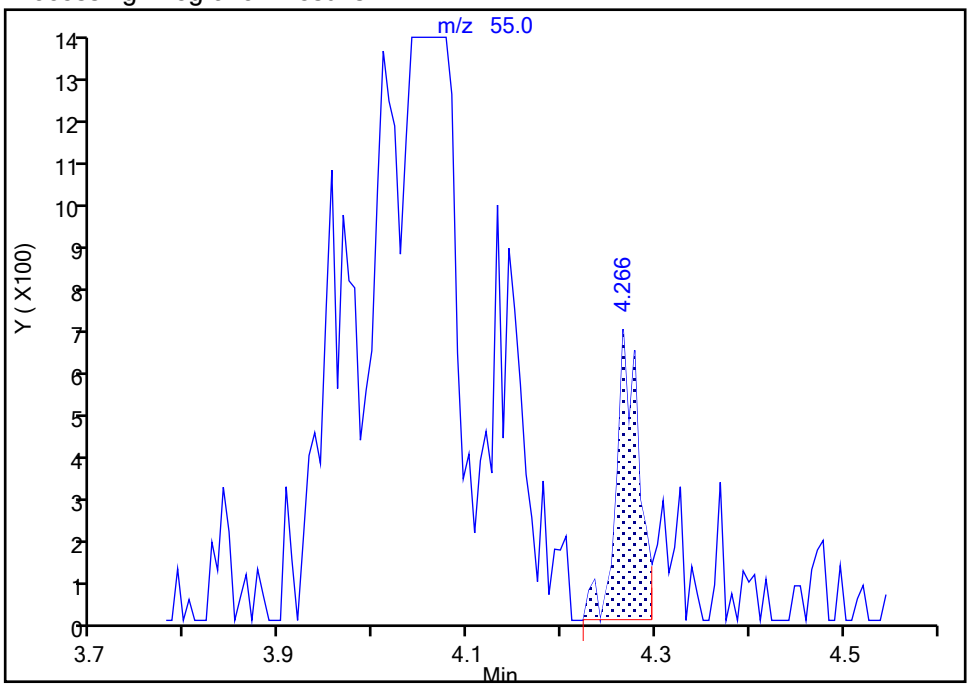
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

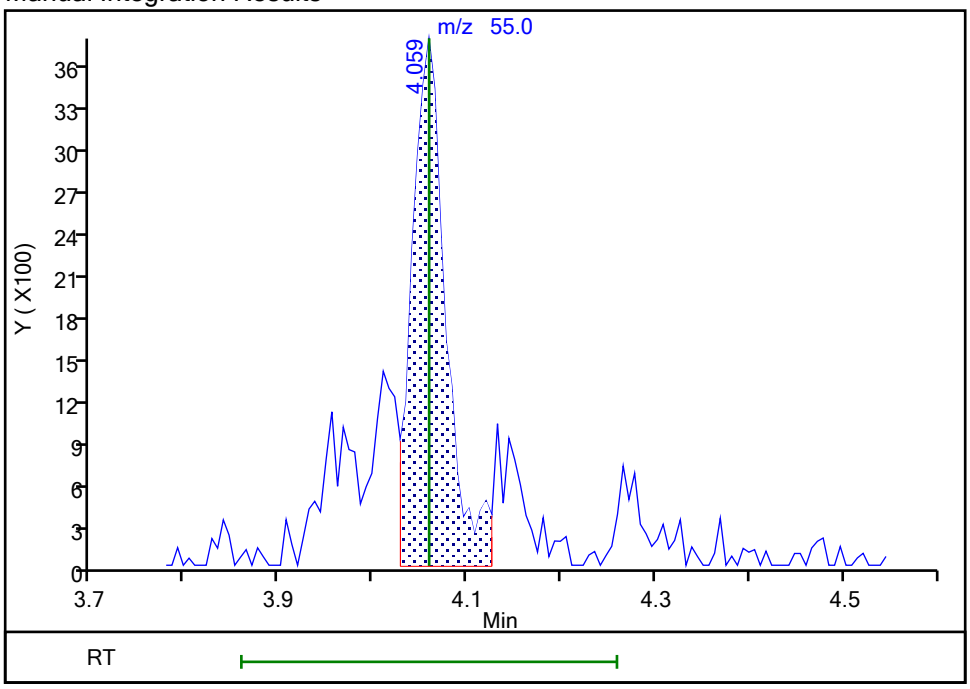
Processing Integration Results

RT: 4.27
Area: 1164
Amount: 1.136844
Amount Units: ug/l



Manual Integration Results

RT: 4.06
Area: 9367
Amount: 5.420789
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:40:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

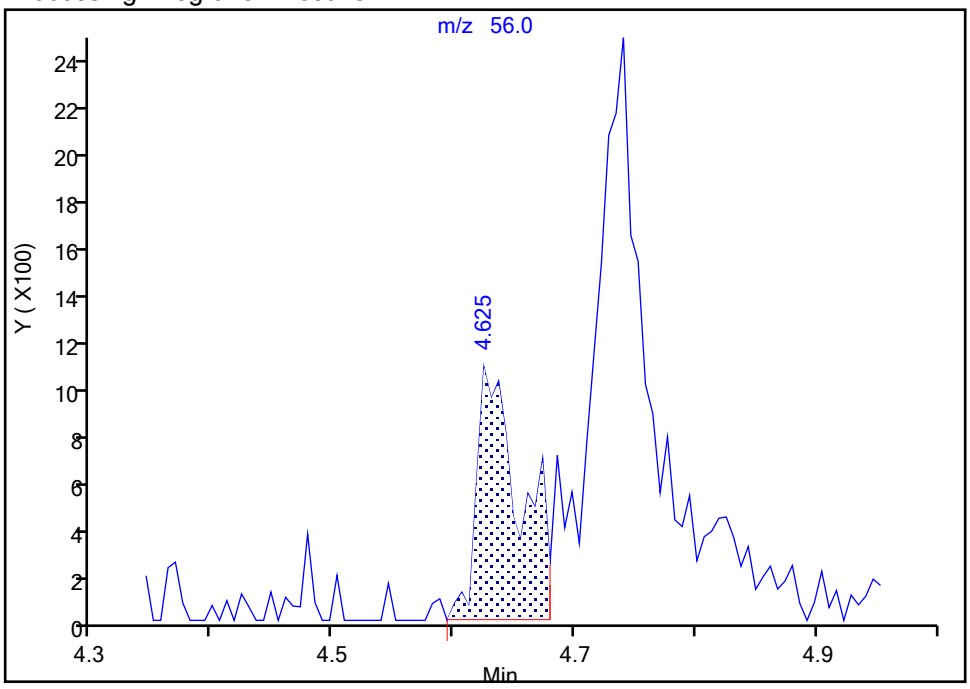
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 n-Butanol, CAS: 71-36-3

Signal: 1

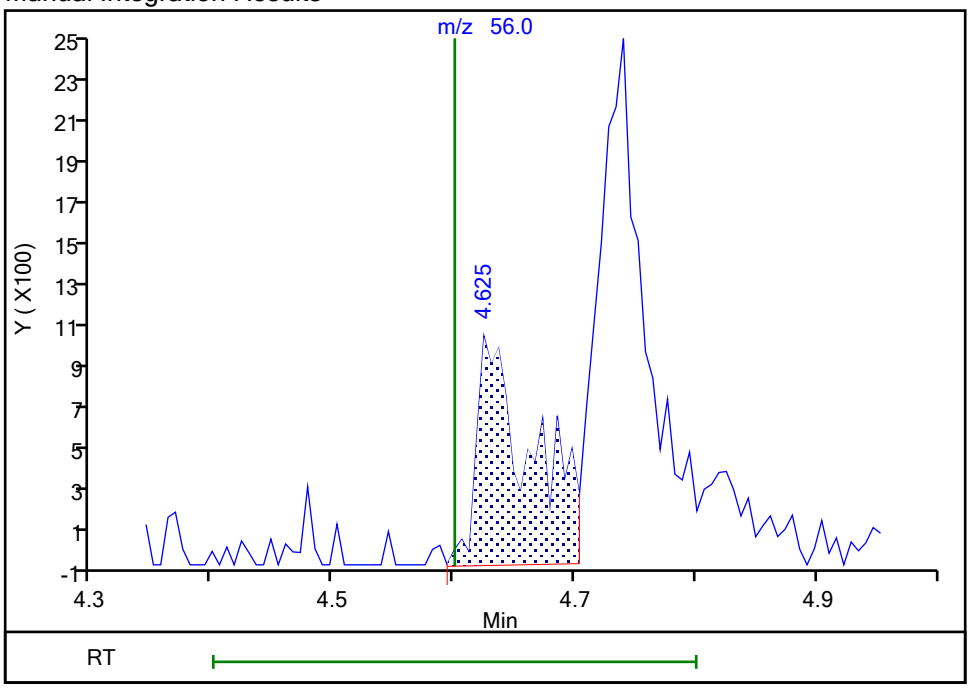
Processing Integration Results

RT: 4.62
Area: 2616
Amount: 61.942900
Amount Units: ug/l



Manual Integration Results

RT: 4.62
Area: 3320
Amount: 76.570309
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:41:35 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

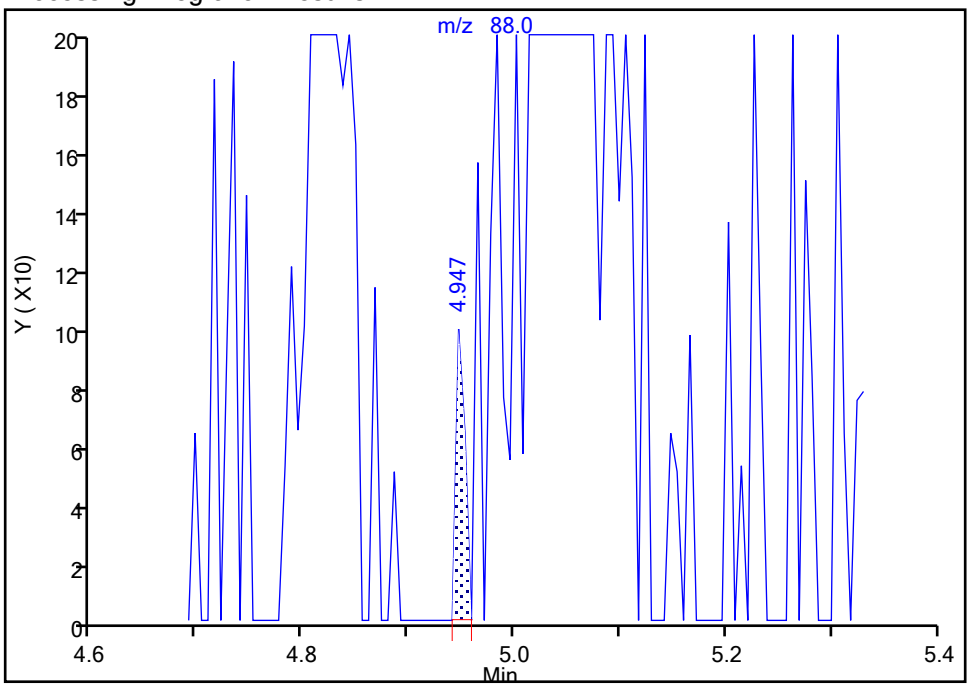
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

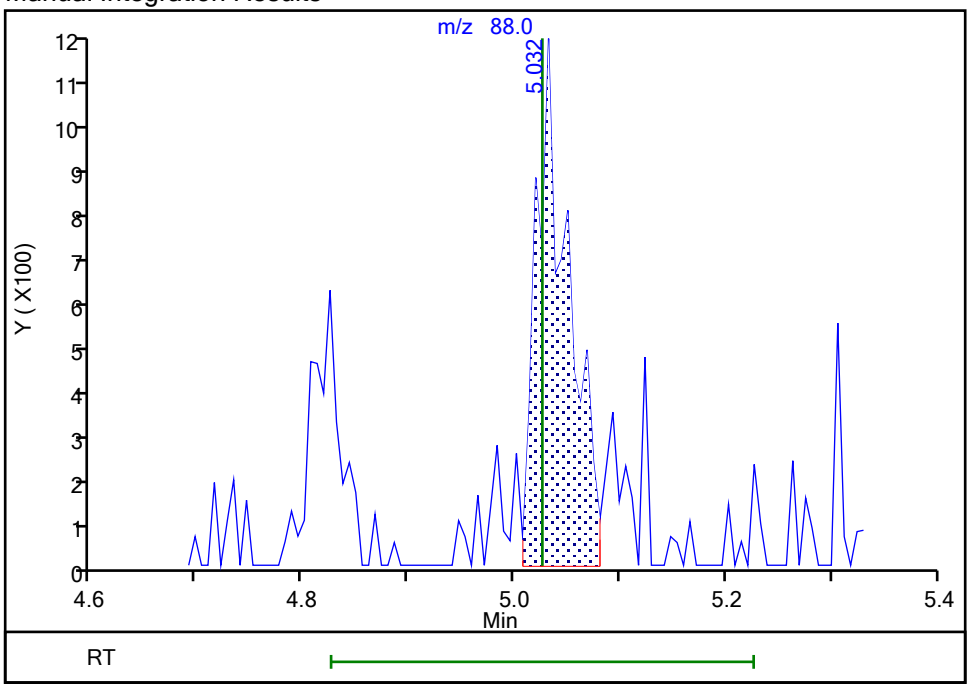
Processing Integration Results

RT: 4.95
Area: 59
Amount: 3.235563
Amount Units: ug/l



Manual Integration Results

RT: 5.03
Area: 2473
Amount: 104.5731
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:41:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

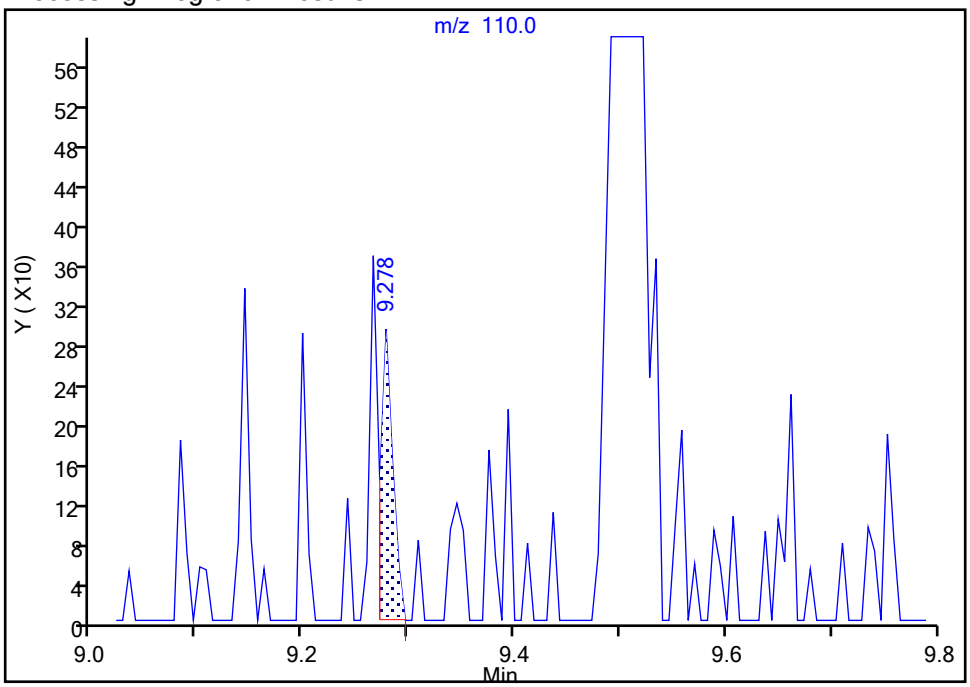
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

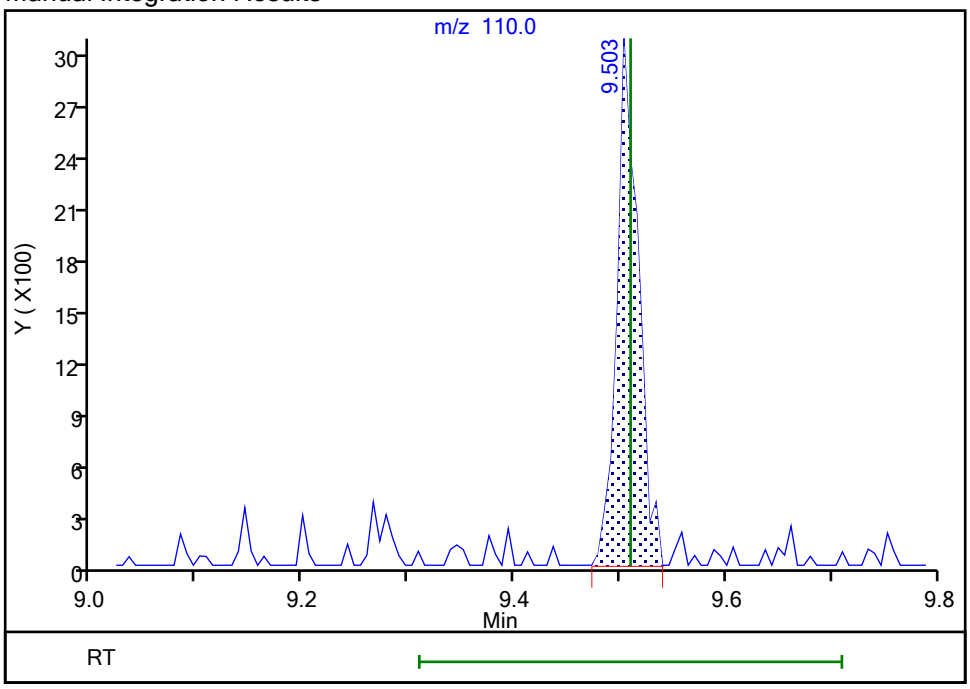
Processing Integration Results

RT: 9.28
Area: 237
Amount: 0.814472
Amount Units: ug/l



Manual Integration Results

RT: 9.50
Area: 4312
Amount: 5.009340
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:41:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

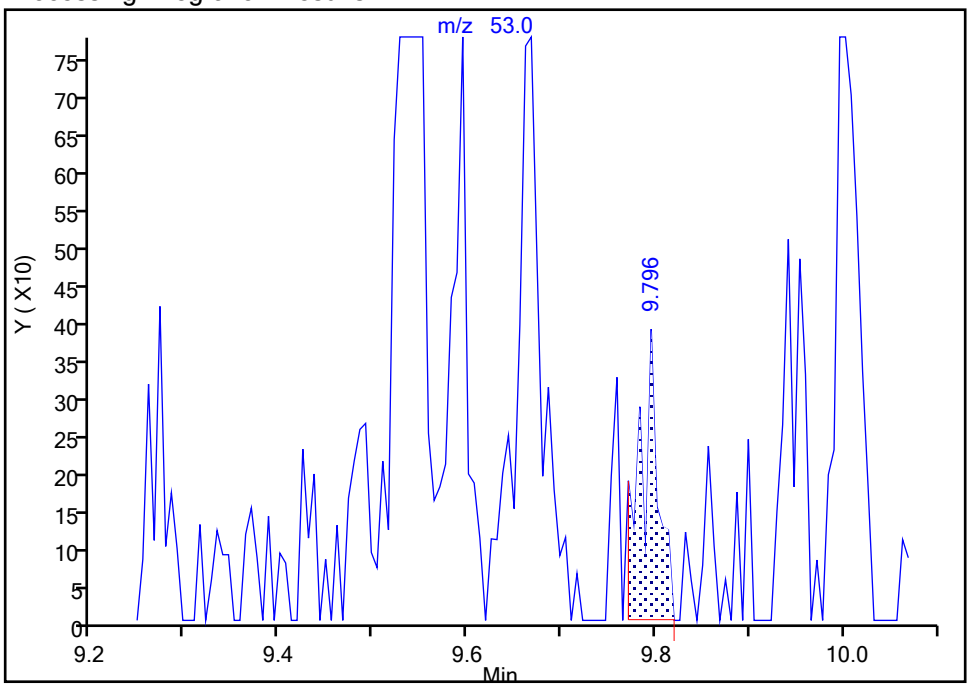
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

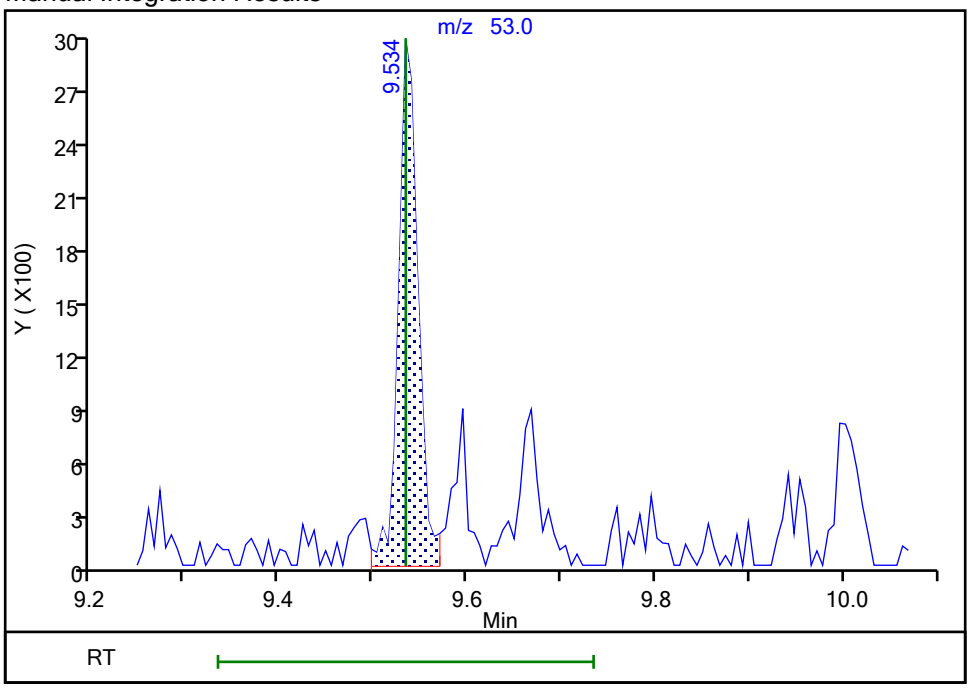
Processing Integration Results

RT: 9.80
Area: 530
Amount: 0.637162
Amount Units: ug/l



Manual Integration Results

RT: 9.53
Area: 4272
Amount: 4.789950
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:42:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

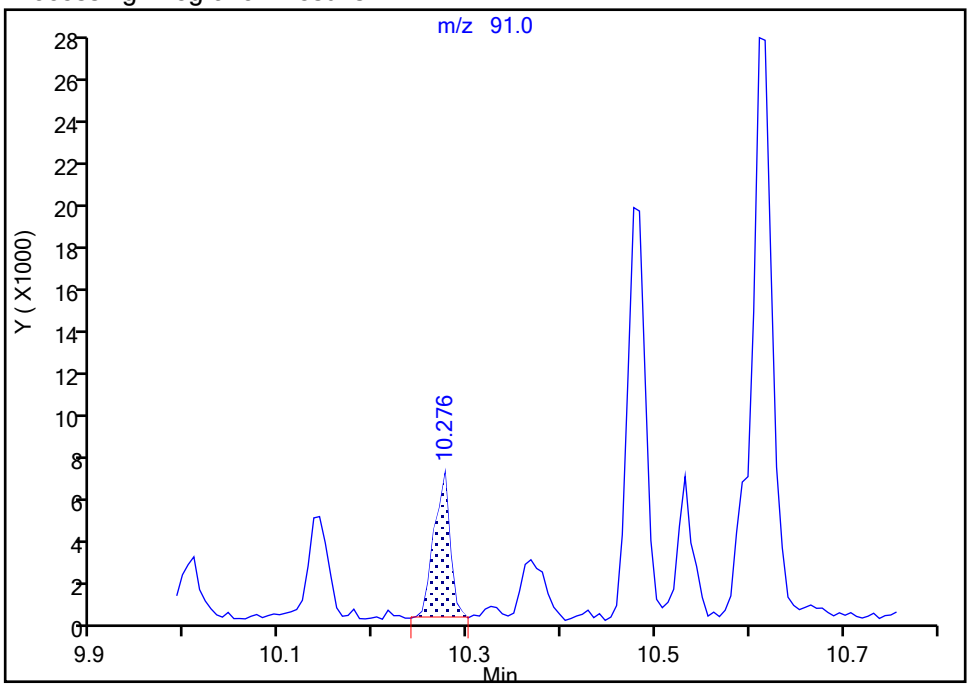
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02056.D
Injection Date: 14-Mar-2024 12:20:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Signal: 1

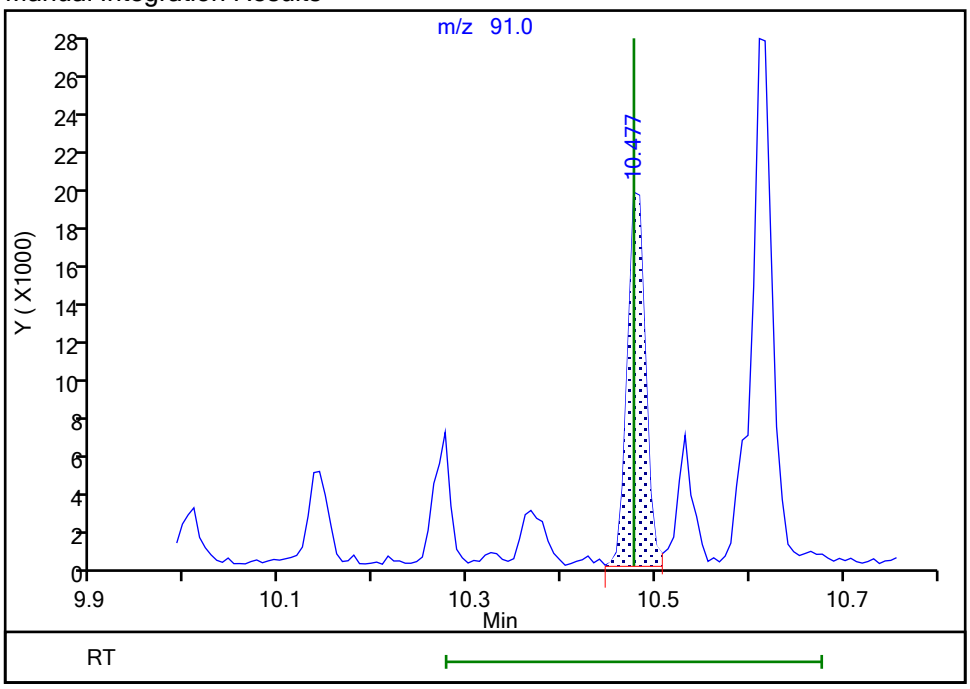
Processing Integration Results

RT: 10.28
Area: 8032
Amount: 2.289729
Amount Units: ug/l



Manual Integration Results

RT: 10.48
Area: 25873
Amount: 4.783845
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:43:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 14-Mar-2024 12:45:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0173383-006
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2024 19:53:17 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: RD6L Date: 14-Mar-2024 13:16:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.121	1.121	0.000	84	3695	20.0	21.2	a
4 Dichlorodifluoromethane	85	1.145	1.145	0.000	100	76505	20.0	20.3	a
5 Chlorodifluoromethane	67	1.157	1.157	0.000	99	11397	20.0	19.8	
6 Chloromethane	50	1.267	1.267	0.000	99	77208	20.0	20.2	
7 Vinyl chloride	62	1.328	1.328	0.000	99	65586	20.0	20.4	
8 Butadiene	54	1.340	1.340	0.000	96	61808	20.0	19.8	
9 Bromomethane	94	1.534	1.534	0.000	98	34415	20.0	18.6	
10 Chloroethane	64	1.589	1.589	0.000	98	32242	20.0	20.9	
12 Dichlorofluoromethane	67	1.711	1.711	0.000	98	92660	20.0	18.6	
11 Trichlorofluoromethane	101	1.717	1.717	0.000	99	86033	20.0	20.0	
13 Pentane	43	1.747	1.747	0.000	95	147269	40.0	39.8	
14 Ethanol	46	1.845	1.845	0.000	98	4623	800.0	701.6	
15 Ethyl ether	59	1.887	1.887	0.000	95	36325	20.0	20.7	
16 2-Methyl-1,3-butadiene	53	1.899	1.899	0.000	98	40021	20.0	18.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.912	1.912	0.000	95	41848	20.0	20.2	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.948	1.948	0.000	97	74207	20.0	20.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.009	2.009	0.000	98	46795	20.0	18.3	
19 Acrolein	56	2.015	2.015	0.000	94	12154	40.0	31.8	
21 1,1-Dichloroethene	96	2.039	2.039	0.000	97	38611	20.0	17.6	
22 Acetone	43	2.100	2.100	0.000	86	53230	100.0	79.3	
23 Iodomethane	142	2.155	2.155	0.000	100	41726	20.0	17.1	
25 Isopropyl alcohol	45	2.161	2.161	0.000	53	19523	200.0	178.1	
24 Carbon disulfide	76	2.185	2.185	0.000	100	179284	20.0	20.0	
26 3-Chloro-1-propene	76	2.277	2.277	0.000	95	25541	20.0	19.5	
28 Methyl acetate	43	2.283	2.283	0.000	99	54282	40.0	37.2	
27 Cyclopentene	67	2.295	2.295	0.000	93	87814	20.0	19.9	
29 Acetonitrile	41	2.325	2.325	0.000	98	60885	200.0	212.6	
* 30 TBA-d9 (IS)	65	2.362	2.362	0.000	78	177644	1000.0	1000.0	
31 Methylene Chloride	84	2.380	2.380	0.000	94	47436	20.0	20.5	
32 2-Methyl-2-propanol	59	2.416	2.416	0.000	99	29132	200.0	204.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.502	2.502	0.000	97	100594	20.0	21.1	
34 trans-1,2-Dichloroethene	96	2.526	2.526	0.000	95	48027	20.0	20.3	
35 Acrylonitrile	53	2.581	2.581	0.000	94	136224	200.0	192.3	
36 Hexane	57	2.648	2.648	0.000	92	41023	20.0	20.4	
37 Isopropyl ether	45	2.818	2.818	0.000	98	135708	20.0	22.6	
38 1,1-Dichloroethane	63	2.848	2.848	0.000	99	102920	20.0	23.4	
39 Vinyl acetate	43	2.854	2.854	0.000	100	179275	40.0	46.8	a
40 2-Chloro-1,3-butadiene	88	2.891	2.891	0.000	92	42308	20.0	22.4	
41 Tert-butyl ethyl ether	59	3.086	3.086	0.000	87	131639	20.0	19.5	
* 43 2-Butanone-d5	46	3.262	3.262	0.000	98	319823	250.0	250.0	
42 2,2-Dichloropropane	79	3.274	3.274	0.000	76	31038	20.0	19.3	
44 cis-1,2-Dichloroethene	96	3.299	3.299	0.000	97	63967	20.0	19.5	
45 Ethyl acetate	70	3.311	3.311	0.000	95	8806	40.0	36.8	
46 2-Butanone (MEK)	72	3.311	3.311	0.000	95	24084	100.0	95.9	
47 Methyl acrylate	55	3.359	3.359	0.000	99	39019	20.0	19.9	
48 Propionitrile	54	3.426	3.426	0.000	97	68084	200.0	186.5	
50 Chlorobromomethane	128	3.493	3.493	0.000	88	35315	20.0	20.7	
49 Tetrahydrofuran	72	3.505	3.505	0.000	61	11378	40.0	43.1	
51 Methacrylonitrile	67	3.518	3.518	0.000	95	202079	200.0	210.8	a
52 Chloroform	83	3.542	3.542	0.000	98	114341	20.0	20.2	
53 Cyclohexane	84	3.657	3.657	0.000	96	69035	20.0	19.2	
54 1,1,1-Trichloroethane	97	3.670	3.670	0.000	98	91413	20.0	19.0	
$ 55 Dibromofluoromethane (Surr)	113	3.688	3.688	0.000	96	179115	50.0	51.1	
56 Carbon tetrachloride	117	3.779	3.779	0.000	99	80572	20.0	20.0	
57 1,1-Dichloropropene	75	3.810	3.810	0.000	95	69668	20.0	18.2	a
58 Isobutyl alcohol	43	3.943	3.943	0.000	94	52116	500.0	405.5	a
59 Isooctane	57	3.962	3.962	0.000	97	97616	20.0	21.0	a
60 Benzene	78	3.998	3.998	0.000	96	222354	20.0	18.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.016	4.016	0.000	0	180493	50.0	51.7	
62 Isopropyl acetate	43	4.053	4.053	0.000	92	120449	20.0	19.6	
63 Tert-amyl methyl ether	55	4.059	4.059	0.000	84	36084	20.0	21.7	a
64 1,2-Dichloroethane	62	4.083	4.083	0.000	97	83644	20.0	20.1	
65 n-Heptane	57	4.144	4.144	0.000	93	21325	20.0	19.9	
* 66 Fluorobenzene	96	4.272	4.272	0.000	99	657686	50.0	50.0	
67 n-Butanol	56	4.600	4.600	0.000	84	16739	500.0	431.2	
68 Trichloroethene	95	4.619	4.619	0.000	98	54995	20.0	18.3	
69 Methylcyclohexane	83	4.740	4.740	0.000	91	62023	20.0	19.1	
70 Ethyl acrylate	55	4.746	4.746	0.000	96	105482	20.0	20.0	
71 1,2-Dichloropropane	63	4.905	4.905	0.000	89	56258	20.0	19.2	
* 72 1,4-Dioxane-d8	96	4.978	4.978	0.000	0	30513	1000.0	1000.0	
73 Methyl methacrylate	100	4.996	4.996	0.000	92	22446	40.0	42.9	
75 1,4-Dioxane	88	5.026	5.026	0.000	42	8143	400.0	323.9	
74 Dibromomethane	93	5.045	5.045	0.000	97	43007	20.0	19.9	
76 n-Propyl acetate	43	5.063	5.063	0.000	99	57627	20.0	20.0	
77 Dichlorobromomethane	83	5.203	5.203	0.000	99	82937	20.0	19.7	
78 2-Nitropropane	41	5.543	5.543	0.000	98	24030	40.0	33.6	
79 2-Chloroethyl vinyl ether	63	5.562	5.562	0.000	91	18109	20.0	21.0	
80 Epichlorohydrin	57	5.665	5.665	0.000	99	82952	400.0	404.2	
81 cis-1,3-Dichloropropene	75	5.720	5.720	0.000	93	87873	20.0	17.8	
82 4-Methyl-2-pentanone (MIBK)	43	5.902	5.902	0.000	98	214939	100.0	104.3	
$ 83 Toluene-d8 (Surr)	98	5.975	5.975	0.000	99	527799	50.0	49.3	
84 Toluene	91	6.054	6.054	0.000	93	221545	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.462	6.462	0.000	95	79870	20.0	18.4	
86 Ethyl methacrylate	69	6.505	6.505	0.000	91	50720	20.0	20.5	
87 1,1,2-Trichloroethane	83	6.687	6.687	0.000	97	44874	20.0	18.8	
88 Tetrachloroethene	166	6.724	6.724	0.000	98	58800	20.0	19.2	
89 1,3-Dichloropropane	76	6.918	6.918	0.000	96	77471	20.0	19.0	
90 2-Hexanone	58	7.009	7.009	0.000	99	79401	100.0	106.6	
91 n-Butyl acetate	43	7.155	7.155	0.000	97	68836	20.0	20.8	
92 Chlorodibromomethane	129	7.168	7.168	0.000	98	64623	20.0	19.2	
93 Ethylene Dibromide	107	7.332	7.332	0.000	98	59800	20.0	19.8	
* 94 Chlorobenzene-d5	117	7.928	7.928	0.000	85	518589	50.0	50.0	
95 Chlorobenzene	112	7.965	7.965	0.000	96	150346	20.0	19.4	
96 Ethylbenzene	106	8.080	8.080	0.000	98	72497	20.0	19.7	
97 1,1,1,2-Tetrachloroethane	131	8.092	8.092	0.000	95	55051	20.0	19.4	
98 m-Xylene & p-Xylene	106	8.232	8.232	0.000	0	83894	20.0	18.8	
99 o-Xylene	106	8.689	8.689	0.000	94	86357	20.0	19.6	
100 n-Butyl acrylate	73	8.707	8.707	0.000	98	34809	20.0	20.5	
101 Styrene	104	8.725	8.725	0.000	96	150116	20.0	20.3	
103 Bromoform	173	8.938	8.938	0.000	96	44388	20.0	19.2	
102 Amyl acetate (mixed isomers)	43	8.956	8.956	0.000	88	76022	20.0	20.5	
104 Isopropylbenzene	105	9.072	9.072	0.000	96	204932	20.0	19.9	a
$ 105 4-Bromofluorobenzene	174	9.273	9.273	0.000	95	195052	50.0	49.7	
106 Bromobenzene	156	9.400	9.400	0.000	93	68679	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	9.473	9.473	0.000	98	70172	20.0	20.5	
108 N-Propylbenzene	91	9.485	9.485	0.000	98	237877	20.0	19.5	
109 1,2,3-Trichloropropane	110	9.510	9.510	0.000	95	16640	20.0	18.6	a
110 trans-1,4-Dichloro-2-butene	53	9.534	9.534	0.000	87	18206	20.0	19.6	a
111 2-Chlorotoluene	91	9.583	9.583	0.000	97	175417	20.0	20.1	
112 4-Ethyltoluene	105	9.595	9.595	0.000	98	204722	20.0	20.4	
113 1,3,5-Trimethylbenzene	105	9.668	9.668	0.000	93	171218	20.0	20.5	
114 4-Chlorotoluene	91	9.692	9.692	0.000	97	173345	20.0	20.3	
115 Butyl Methacrylate	87	9.784	9.784	0.000	93	57331	20.0	20.8	
116 tert-Butylbenzene	119	9.942	9.942	0.000	94	134945	20.0	19.7	
117 1,2,4-Trimethylbenzene	105	10.003	10.003	0.000	98	184770	20.0	20.9	
118 sec-Butylbenzene	105	10.142	10.142	0.000	99	191855	20.0	20.1	
120 1,3-Dichlorobenzene	146	10.264	10.264	0.000	97	119467	20.0	20.1	
119 4-Isopropyltoluene	119	10.270	10.270	0.000	97	166636	20.0	20.3	
* 121 1,4-Dichlorobenzene-d4	152	10.331	10.331	0.000	94	275975	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.349	10.349	0.000	96	124539	20.0	19.5	
123 1,2,3-Trimethylbenzene	105	10.374	10.374	0.000	99	194984	20.0	20.4	
124 Benzyl chloride	91	10.477	10.477	0.000	99	106999	20.0	19.0	a
125 2,3-Dihydroindene	117	10.532	10.532	0.000	93	192781	20.0	20.1	
126 p-Diethylbenzene	119	10.593	10.593	0.000	91	96995	20.0	19.3	
127 n-Butylbenzene	92	10.617	10.617	0.000	96	83039	20.0	19.8	
128 1,2-Dichlorobenzene	146	10.660	10.660	0.000	96	115315	20.0	19.7	a
129 1,2,4,5-Tetramethylbenzene	119	11.219	11.219	0.000	97	145472	20.0	19.4	
130 1,2-Dibromo-3-Chloropropane	157	11.298	11.298	0.000	96	14193	20.0	19.3	
131 1,3,5-Trichlorobenzene	180	11.408	11.408	0.000	98	78388	20.0	19.6	
132 1,2,4-Trichlorobenzene	180	11.888	11.888	0.000	93	71914	20.0	19.6	
133 Hexachlorobutadiene	225	11.968	11.968	0.000	95	26493	20.0	18.6	
134 Naphthalene	128	12.071	12.071	0.000	99	156072	20.0	18.4	
135 1,2,3-Trichlorobenzene	180	12.247	12.247	0.000	95	62497	20.0	18.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	38.4	
S 138 Total BTEX	1				0		100.0	95.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524FREONS_00015	Amount Added: 20.00	Units: uL	
ACROLEIN W_00166	Amount Added: 4.00	Units: uL	
GASES Li_00575	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00184	Amount Added: 20.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2024 19:53:17 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D

Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8 Operator ID:

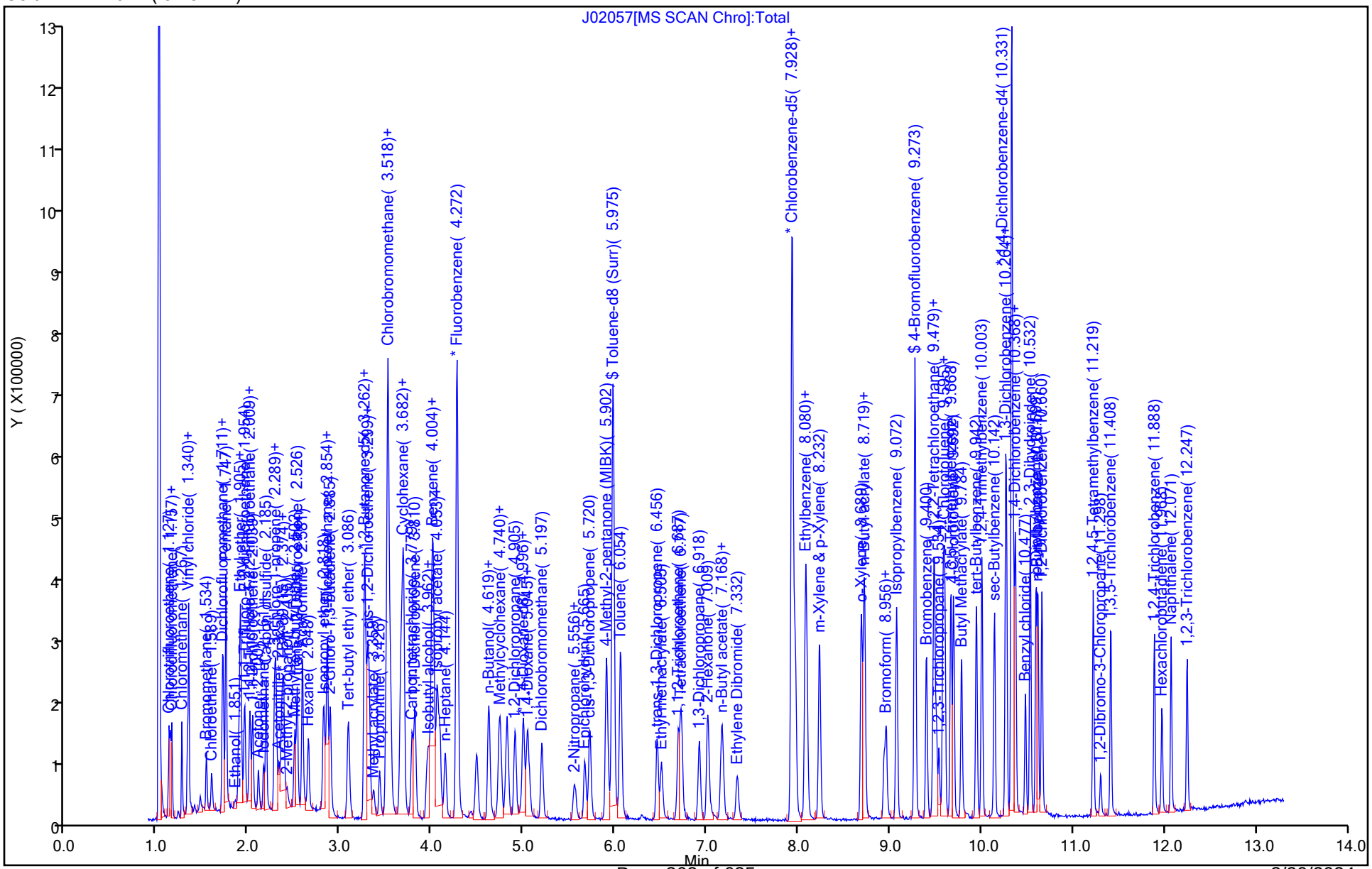
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

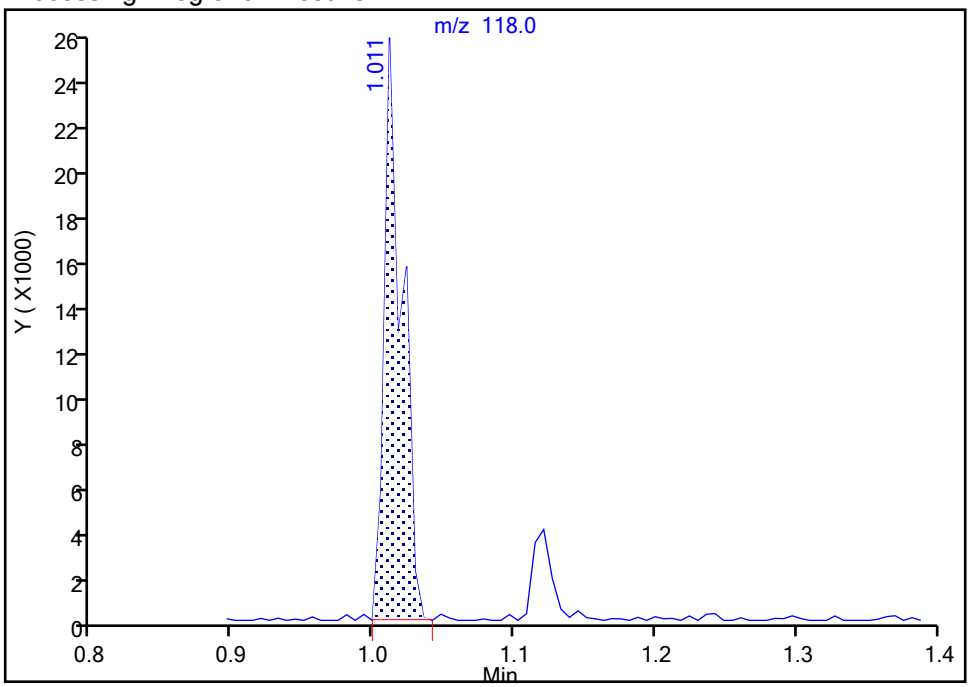
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

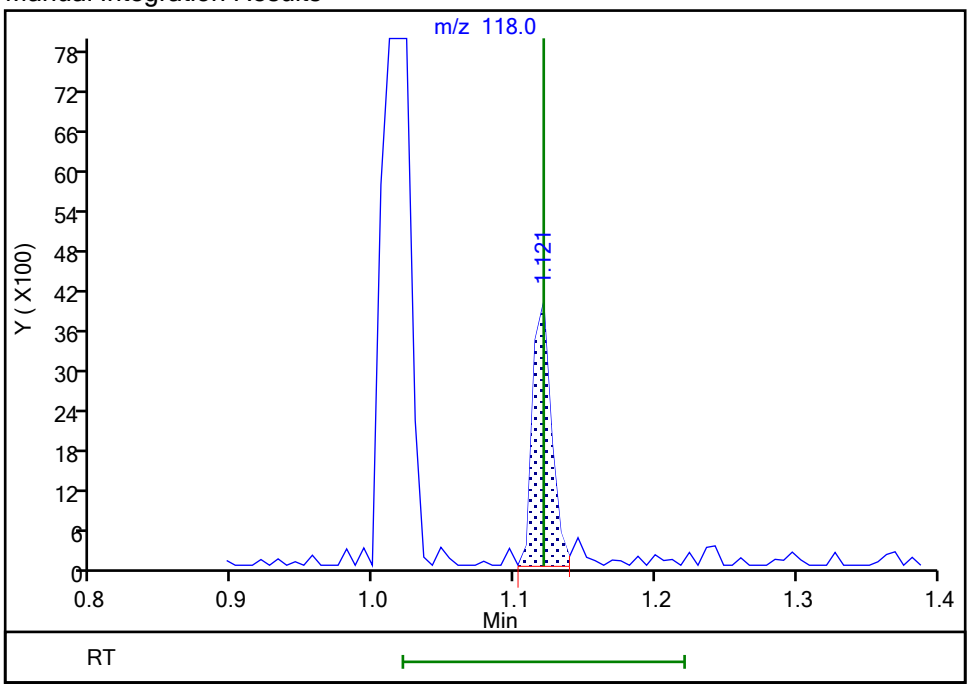
Processing Integration Results

RT: 1.01
Area: 22405
Amount: 2.117046
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 3695
Amount: 21.238236
Amount Units: ug/l



Reviewer: RD6L, 14-Mar-2024 13:15:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

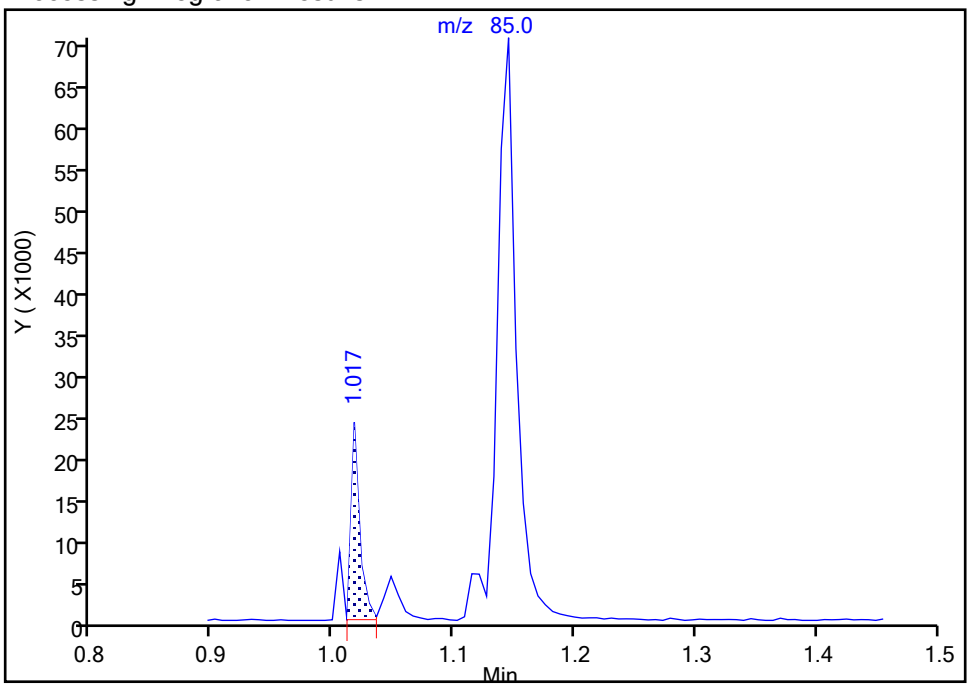
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

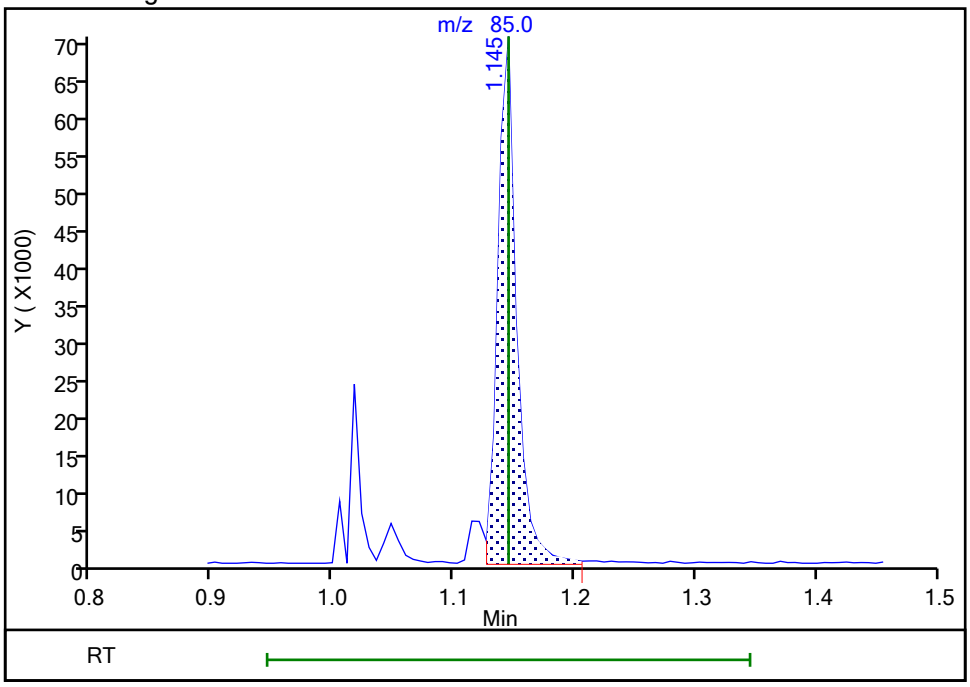
Processing Integration Results

RT: 1.02
Area: 12166
Amount: 0.597999
Amount Units: ug/l



Manual Integration Results

RT: 1.15
Area: 76505
Amount: 20.274903
Amount Units: ug/l



Reviewer: RD6L, 14-Mar-2024 13:15:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

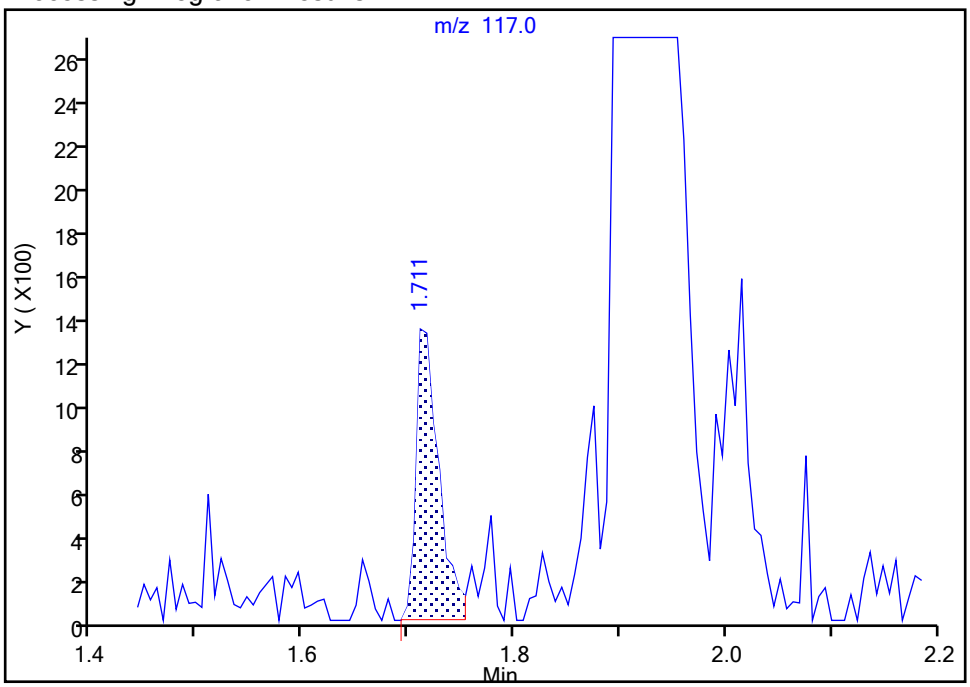
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

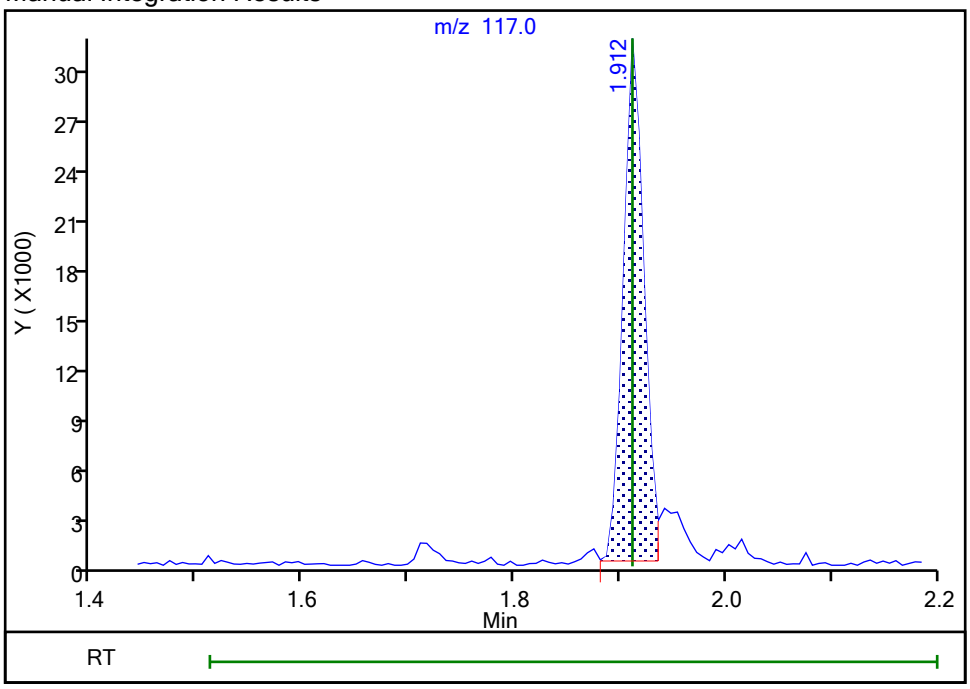
Processing Integration Results

RT: 1.71
Area: 1976
Amount: 4.242401
Amount Units: ug/l



Manual Integration Results

RT: 1.91
Area: 41848
Amount: 20.193367
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:44:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

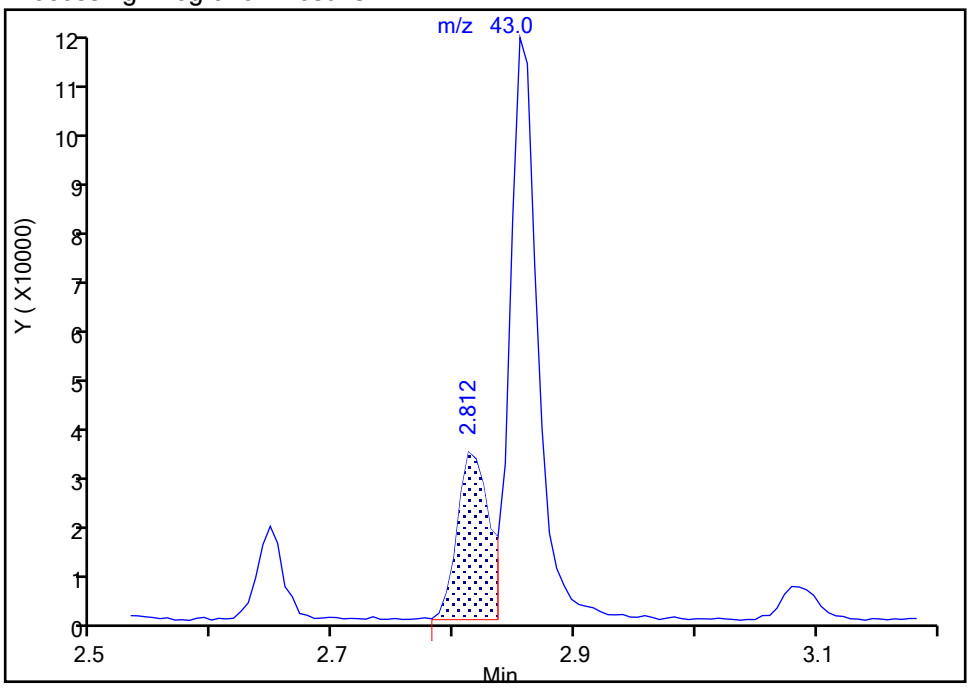
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

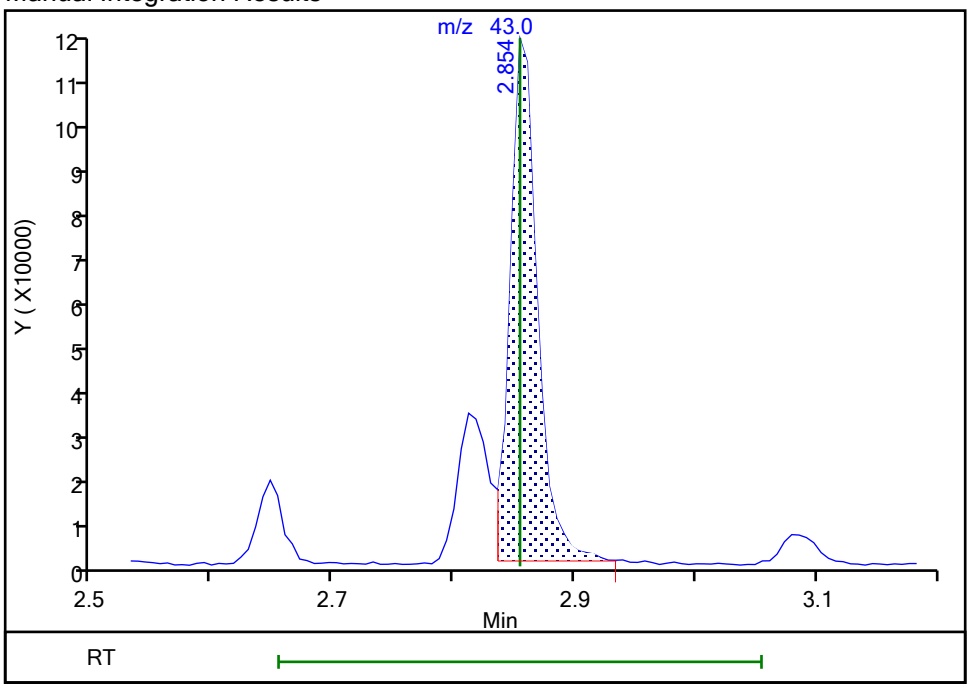
Processing Integration Results

RT: 2.81
Area: 61213
Amount: 40.200021
Amount Units: ug/l



Manual Integration Results

RT: 2.85
Area: 179275
Amount: 46.812244
Amount Units: ug/l



Reviewer: RD6L, 14-Mar-2024 13:31:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

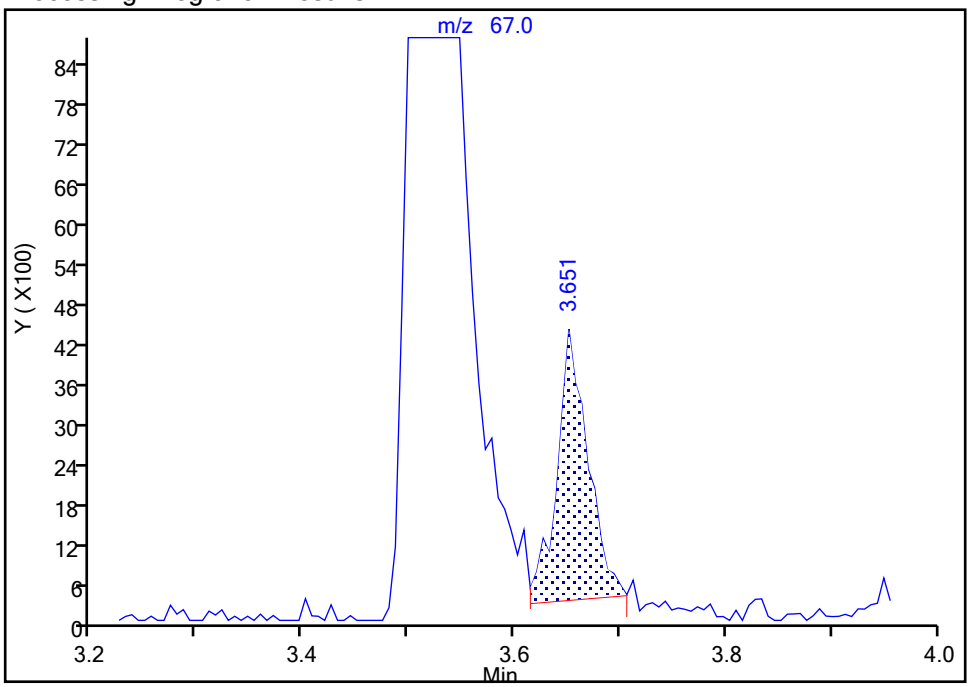
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

51 Methacrylonitrile, CAS: 126-98-7

Signal: 1

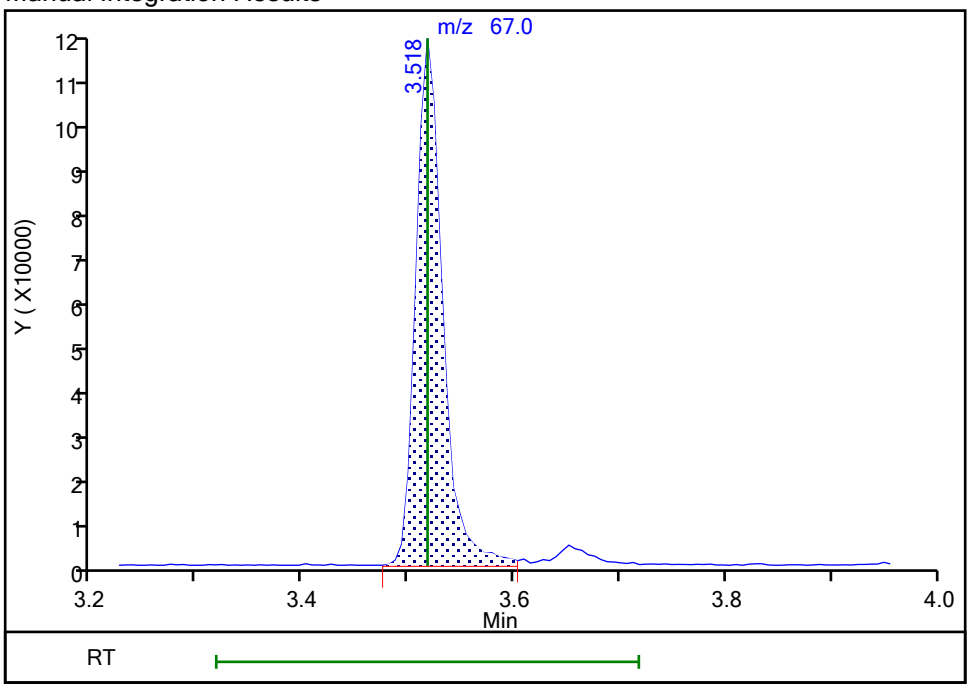
Processing Integration Results

RT: 3.65
Area: 8293
Amount: 206.9019
Amount Units: ug/l



Manual Integration Results

RT: 3.52
Area: 202079
Amount: 210.7535
Amount Units: ug/l



Reviewer: RD6L, 14-Mar-2024 13:31:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

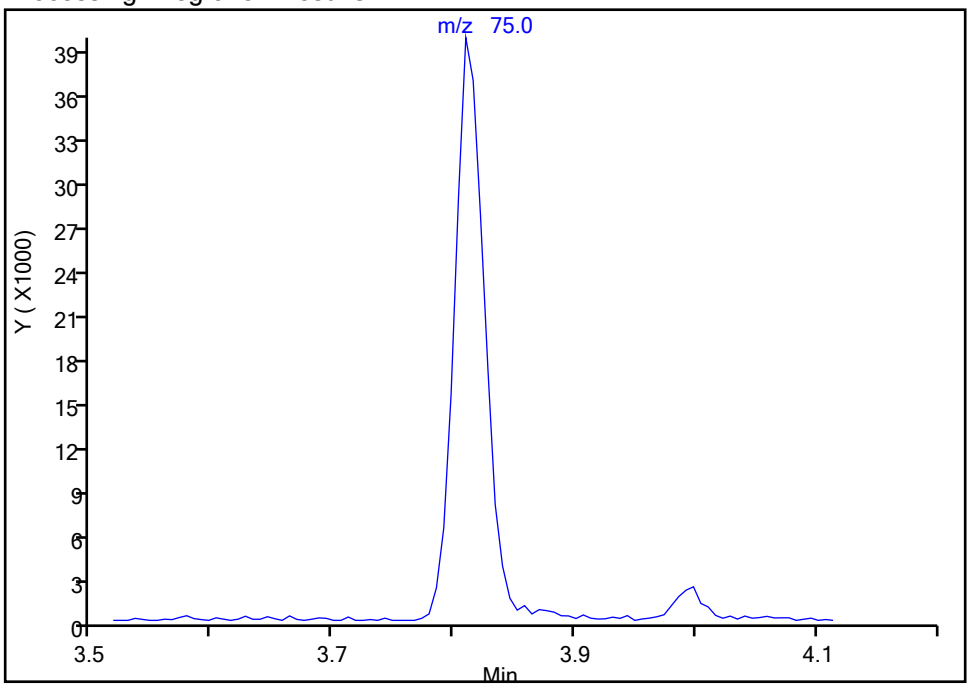
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

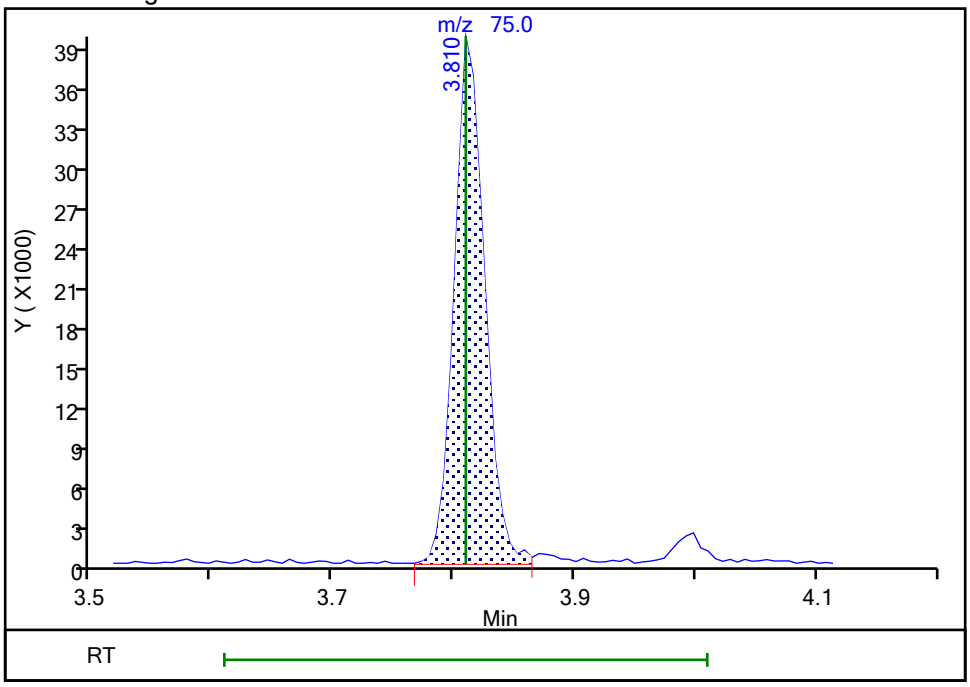
Not Detected
Expected RT: 3.81

Processing Integration Results



Manual Integration Results

RT: 3.81
Area: 69668
Amount: 18.209787
Amount Units: ug/l



Reviewer: RD6L, 14-Mar-2024 13:31:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

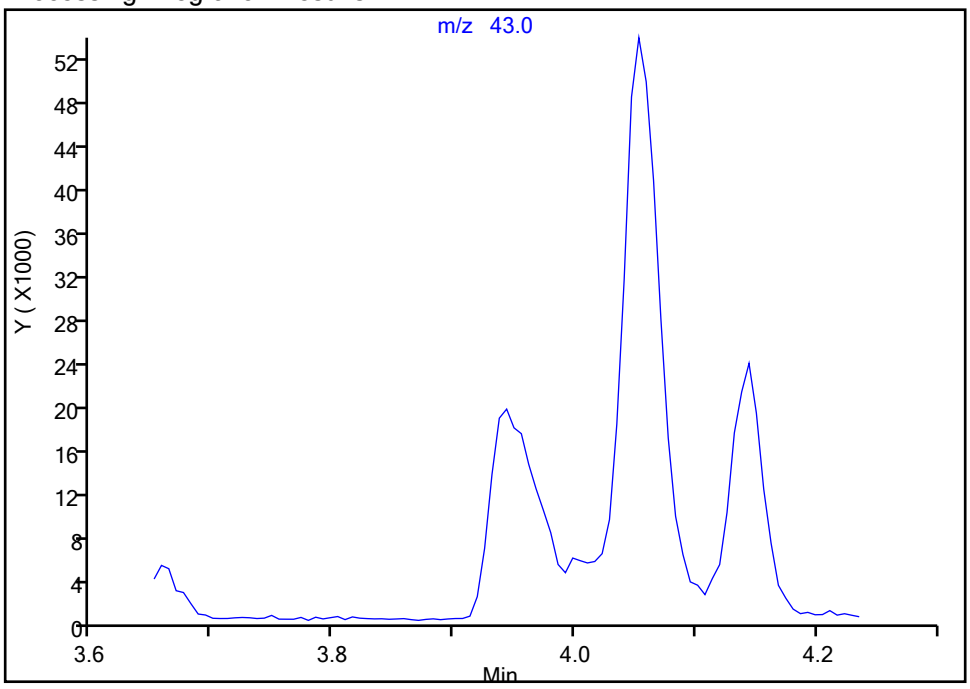
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

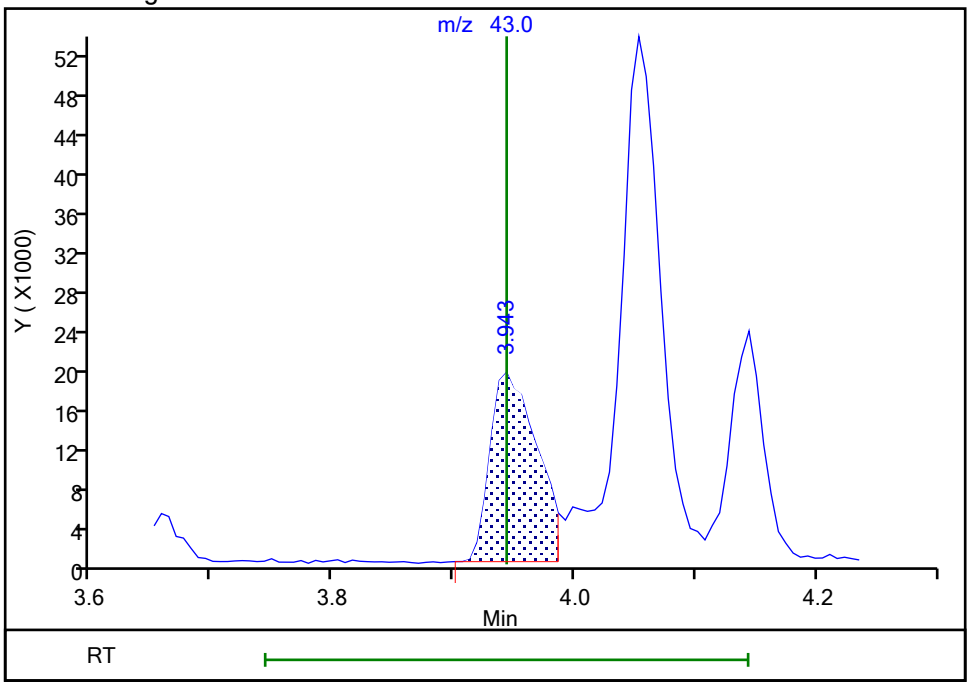
Not Detected
Expected RT: 3.94

Processing Integration Results



Manual Integration Results

RT: 3.94
Area: 52116
Amount: 405.5270
Amount Units: ug/l



Reviewer: RD6L, 14-Mar-2024 13:30:53 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

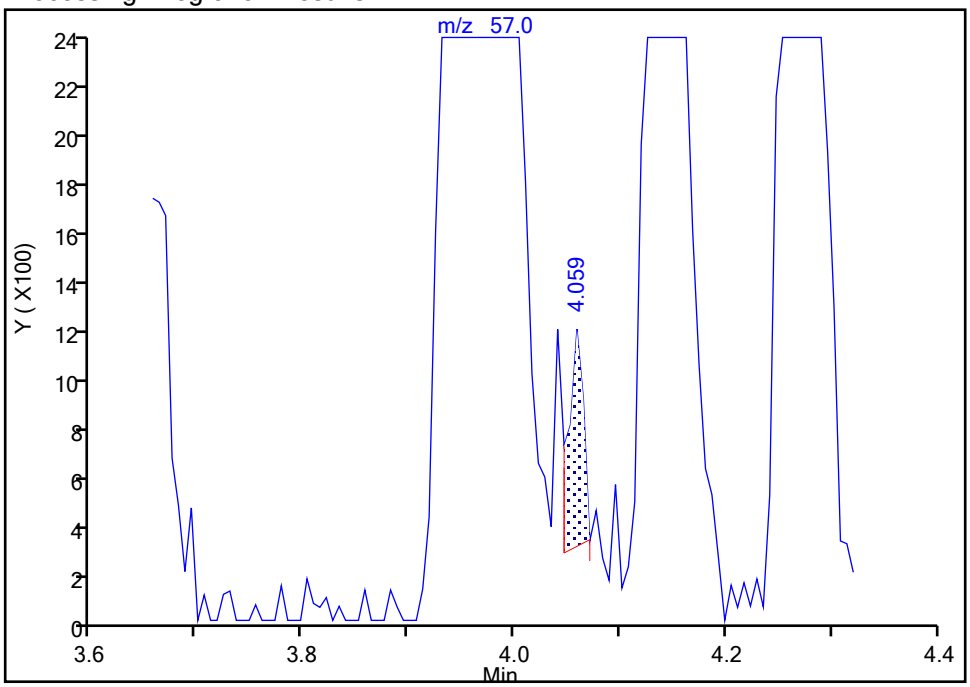
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Signal: 1

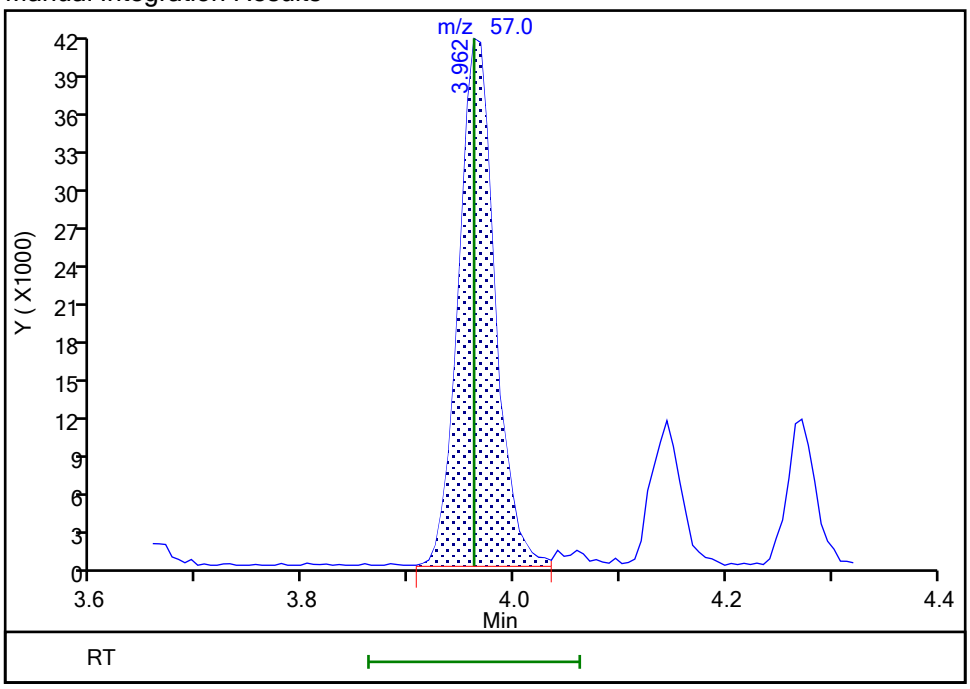
Processing Integration Results

RT: 4.06
Area: 867
Amount: 0.417459
Amount Units: ug/l



Manual Integration Results

RT: 3.96
Area: 97616
Amount: 21.030467
Amount Units: ug/l



Reviewer: RD6L, 14-Mar-2024 13:34:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

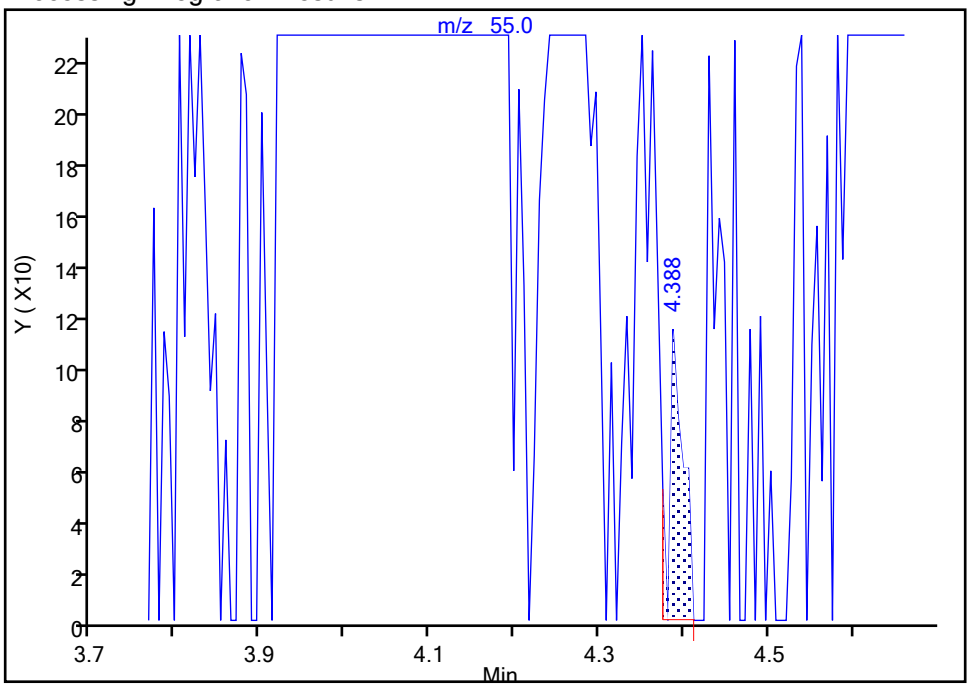
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

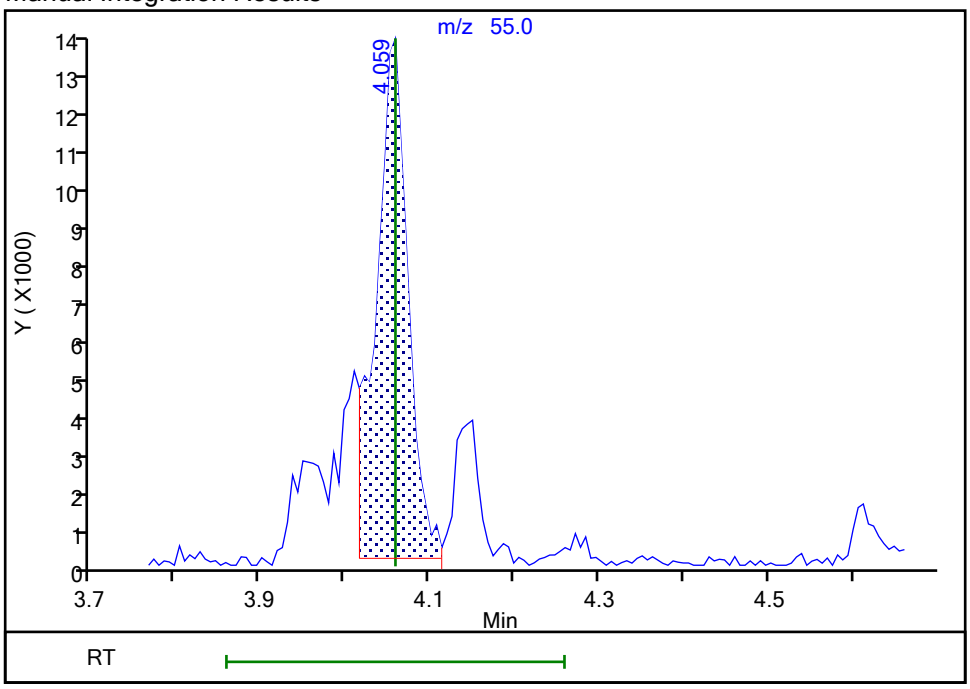
Processing Integration Results

RT: 4.39
Area: 132
Amount: 0.098344
Amount Units: ug/l



Manual Integration Results

RT: 4.06
Area: 36084
Amount: 21.680162
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:45:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

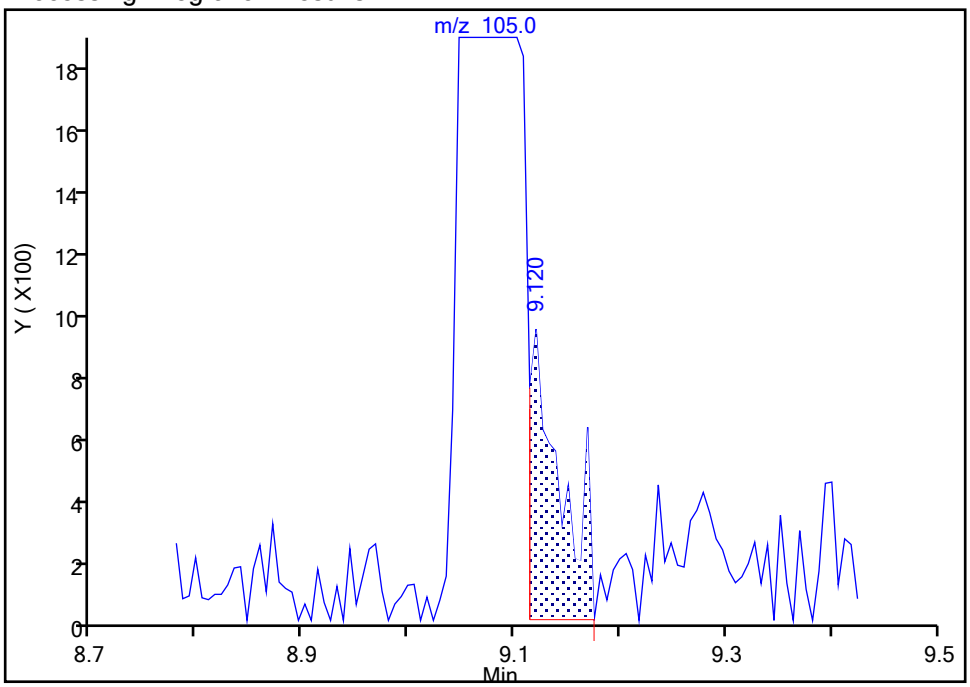
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

104 Isopropylbenzene, CAS: 98-82-8

Signal: 1

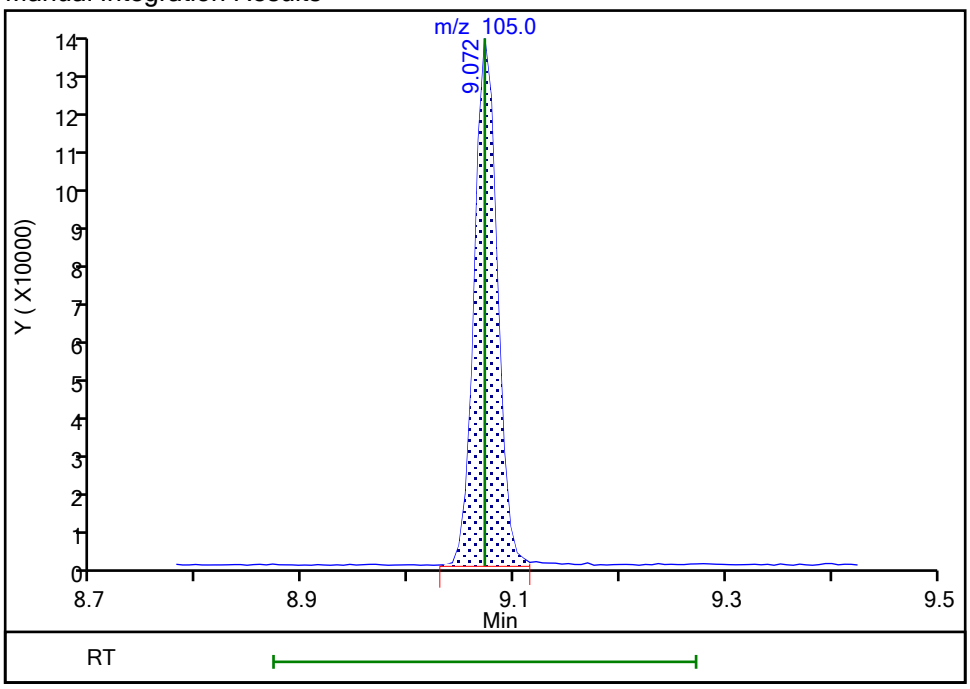
Processing Integration Results

RT: 9.12
Area: 1863
Amount: 0.270490
Amount Units: ug/l



Manual Integration Results

RT: 9.07
Area: 204932
Amount: 19.878028
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:45:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

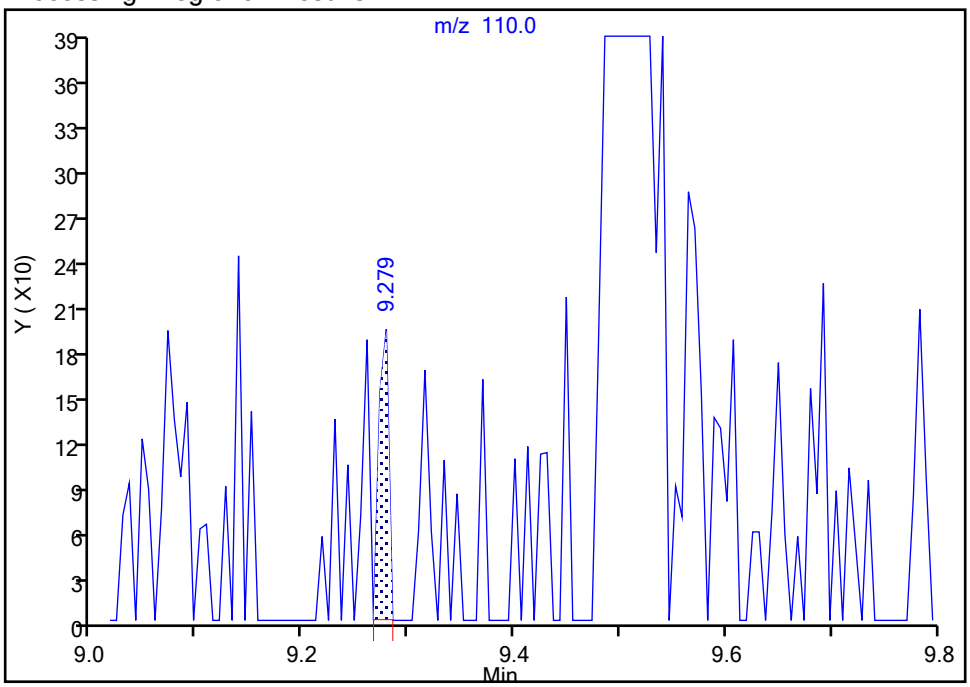
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

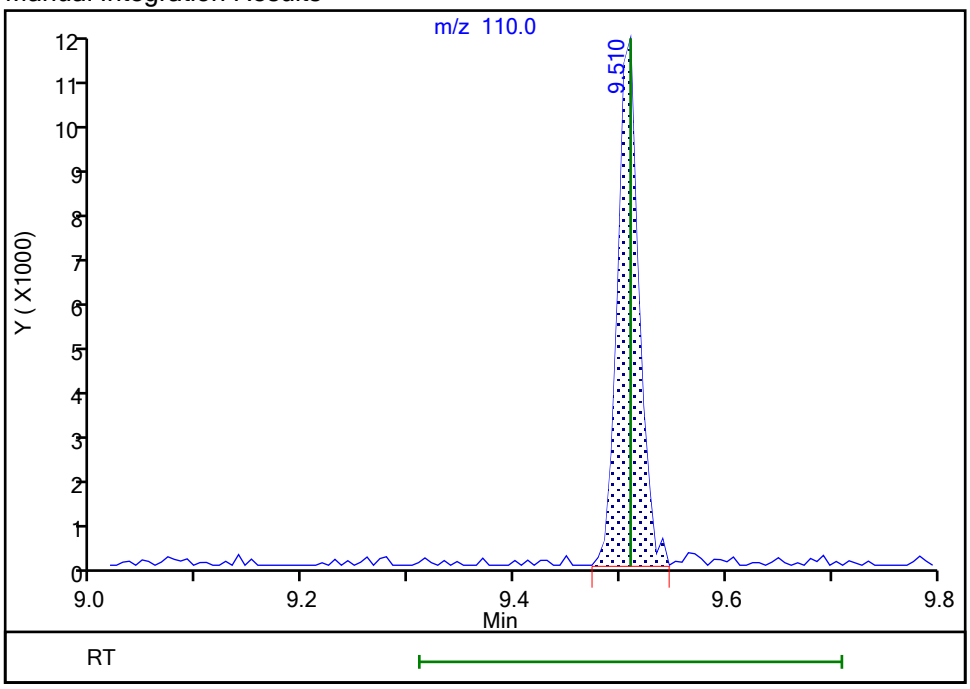
Processing Integration Results

RT: 9.28
Area: 124
Amount: 0.198717
Amount Units: ug/l



Manual Integration Results

RT: 9.51
Area: 16640
Amount: 18.592816
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:45:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

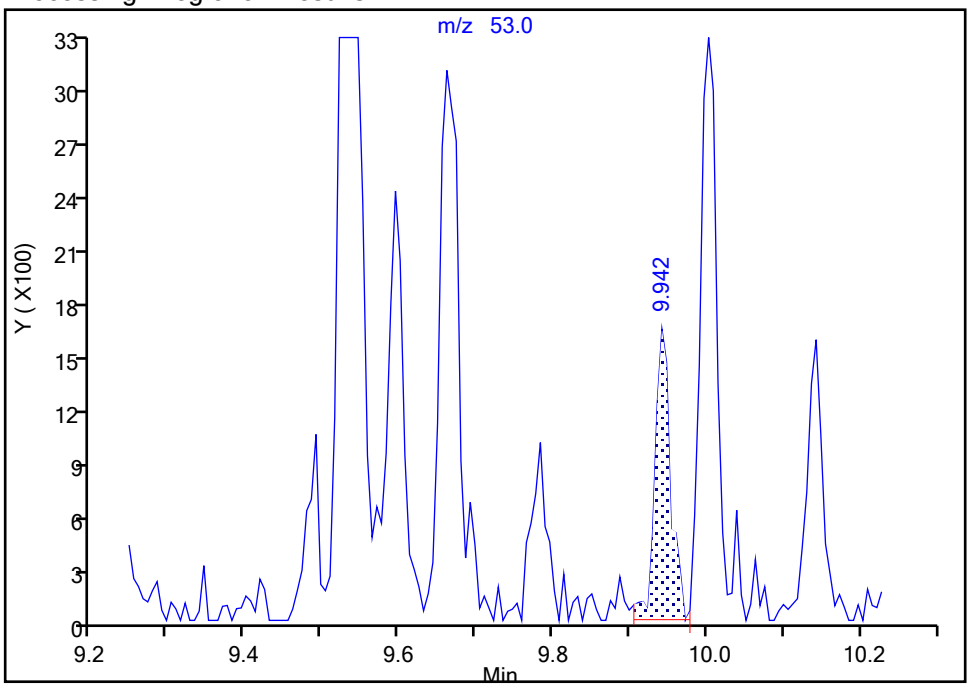
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

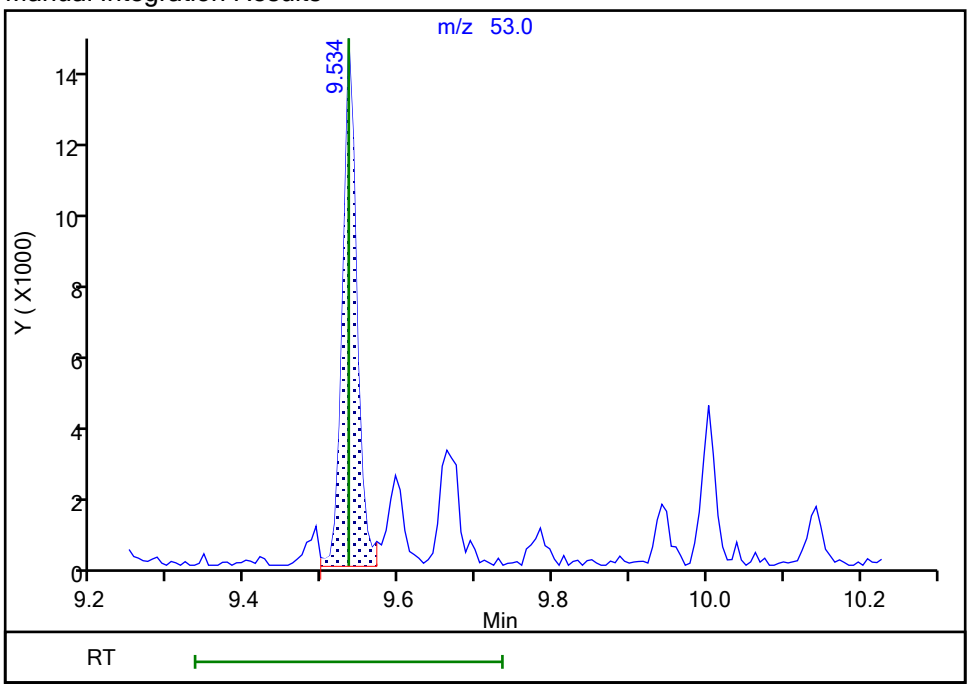
Processing Integration Results

RT: 9.94
Area: 2364
Amount: 2.972606
Amount Units: ug/l



Manual Integration Results

RT: 9.53
Area: 18206
Amount: 19.633802
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:53:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

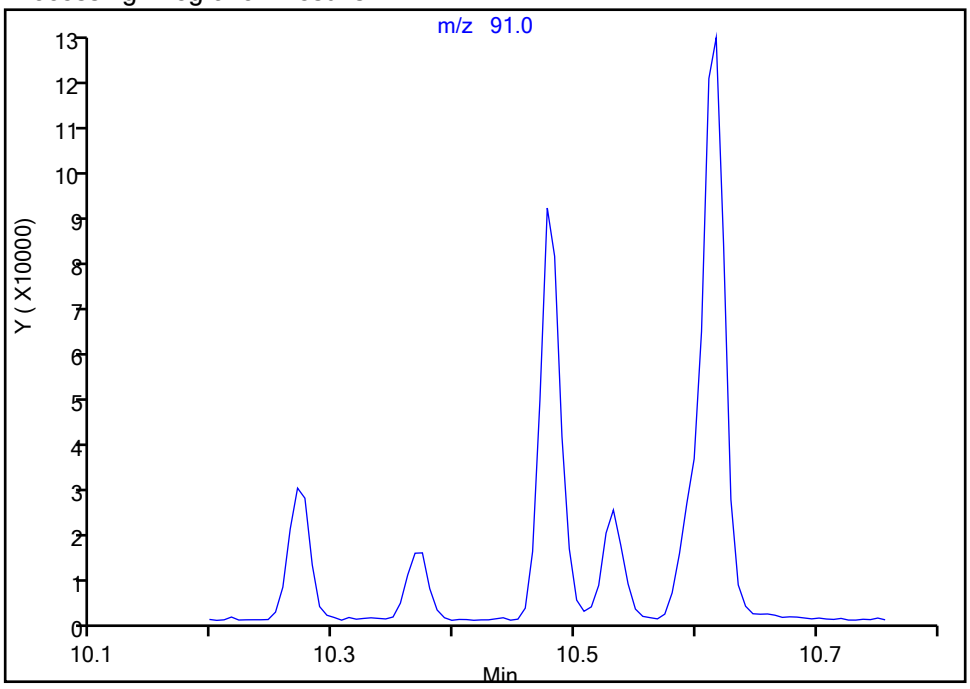
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Signal: 1

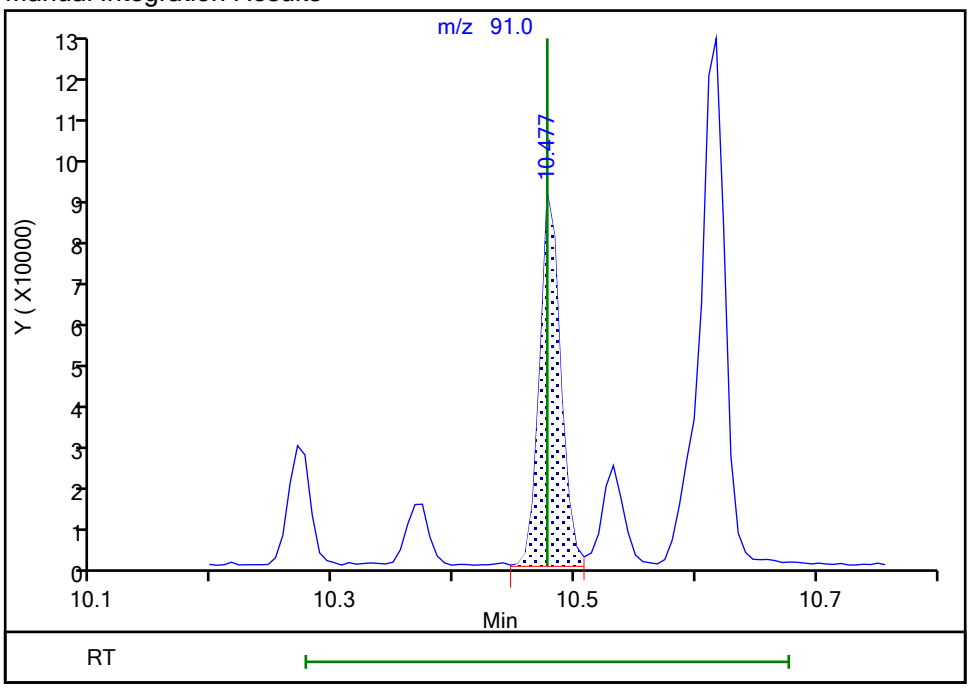
Not Detected
Expected RT: 10.48

Processing Integration Results



Manual Integration Results

RT: 10.48
Area: 106999
Amount: 19.028306
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:45:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

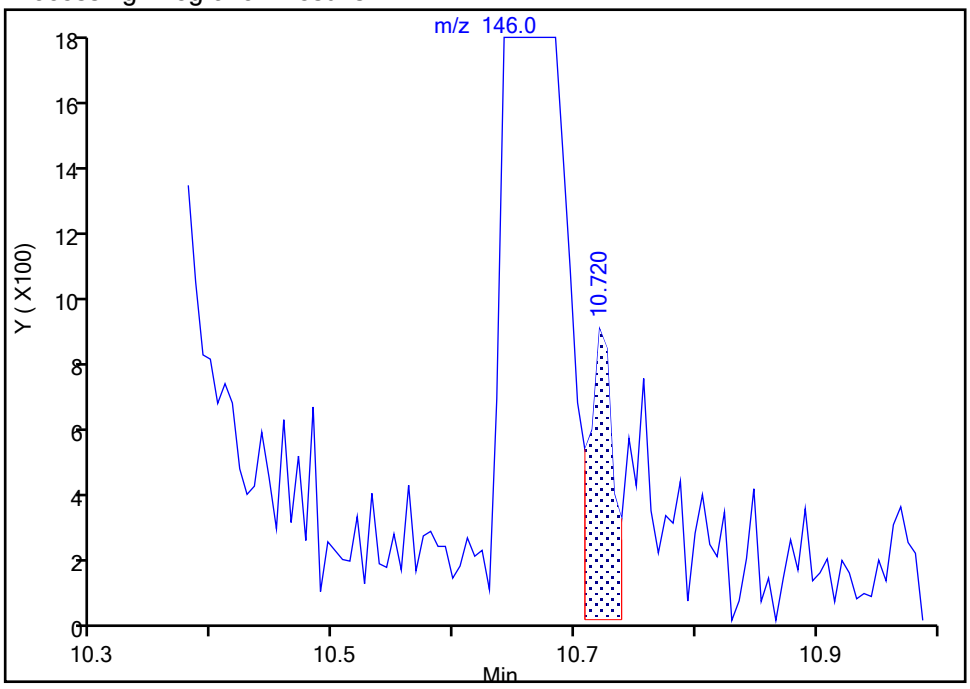
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02057.D
Injection Date: 14-Mar-2024 12:45:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

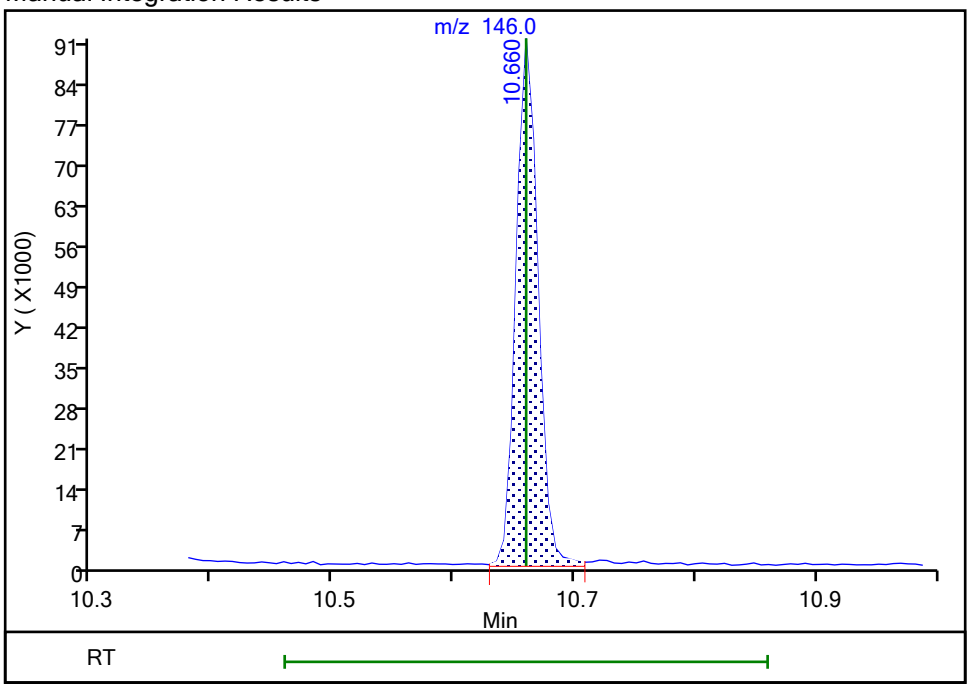
Processing Integration Results

RT: 10.72
Area: 1286
Amount: 0.330812
Amount Units: ug/l



Manual Integration Results

RT: 10.66
Area: 115315
Amount: 19.718871
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:45:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02059.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 14-Mar-2024 13:35:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0173383-008
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2024 19:53:40 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: HVW2 Date: 14-Mar-2024 18:01:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.119	1.121	-0.002	97	38321	200.0	191.5	
4 Dichlorodifluoromethane	85	1.143	1.145	-0.002	100	798448	200.0	182.9	
5 Chlorodifluoromethane	67	1.155	1.157	-0.002	98	109902	200.0	165.3	
6 Chloromethane	50	1.265	1.267	-0.002	100	749971	200.0	169.4	
7 Vinyl chloride	62	1.326	1.328	-0.002	99	646866	200.0	174.3	
8 Butadiene	54	1.344	1.340	0.004	97	715675	200.0	197.9	
9 Bromomethane	94	1.532	1.534	-0.002	99	426870	200.0	199.6	
10 Chloroethane	64	1.593	1.589	0.004	99	301532	200.0	168.9	
12 Dichlorofluoromethane	67	1.903	1.711	0.192	96	1392569	200.0	241.7	a
11 Trichlorofluoromethane	101	1.721	1.717	0.004	100	879705	200.0	176.6	
13 Pentane	43	1.745	1.747	-0.002	94	1526152	400.0	356.4	
14 Ethanol	46	1.849	1.845	0.004	97	50677	8000.0	7551.8	
15 Ethyl ether	59	1.885	1.887	-0.002	96	374192	200.0	188.9	
16 2-Methyl-1,3-butadiene	53	1.903	1.899	0.004	99	505866	200.0	202.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.916	1.912	0.004	93	467655	200.0	195.1	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.952	1.948	0.004	97	737939	200.0	173.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.007	2.009	-0.002	98	574752	200.0	194.4	
19 Acrolein	56	2.013	2.015	-0.002	95	72029	200.0	194.4	
21 1,1-Dichloroethene	96	2.037	2.039	-0.002	98	490920	200.0	193.8	
22 Acetone	43	2.104	2.100	0.004	85	718821	1000.0	1056.3	
23 Iodomethane	142	2.159	2.155	0.004	99	599799	200.0	212.1	
25 Isopropyl alcohol	45	2.165	2.161	0.004	99	197384	2000.0	1768.1	
24 Carbon disulfide	76	2.189	2.185	0.004	99	1772556	200.0	171.2	
26 3-Chloro-1-propene	76	2.281	2.277	0.004	93	321639	200.0	229.3	
28 Methyl acetate	43	2.281	2.283	-0.002	99	567205	400.0	381.9	
27 Cyclopentene	67	2.293	2.295	-0.002	93	879316	200.0	172.7	
29 Acetonitrile	41	2.329	2.325	0.004	98	669766	2000.0	2296.5	
* 30 TBA-d9 (IS)	65	2.360	2.362	-0.002	89	180909	1000.0	1000.0	
31 Methylene Chloride	84	2.378	2.380	-0.002	95	499522	200.0	205.0	
32 2-Methyl-2-propanol	59	2.414	2.416	-0.002	99	258422	2000.0	1778.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.500	2.502	-0.002	97	1331160	200.0	240.9	
34 trans-1,2-Dichloroethene	96	2.524	2.526	-0.002	97	558102	200.0	204.1	
35 Acrylonitrile	53	2.585	2.581	0.004	93	1364471	2000.0	1891.9	
36 Hexane	57	2.646	2.648	-0.002	92	520162	200.0	224.1	
37 Isopropyl ether	45	2.816	2.818	-0.002	99	1395891	200.0	201.2	
38 1,1-Dichloroethane	63	2.853	2.848	0.004	100	926834	200.0	181.9	
39 Vinyl acetate	43	2.859	2.854	0.005	100	1965614	400.0	443.8	
40 2-Chloro-1,3-butadiene	88	2.889	2.891	-0.002	92	444967	200.0	203.5	
41 Tert-butyl ethyl ether	59	3.084	3.086	-0.002	88	1657415	200.0	212.6	
* 43 2-Butanone-d5	46	3.260	3.262	-0.002	80	324075	250.0	250.0	
42 2,2-Dichloropropane	79	3.266	3.274	-0.008	97	329795	200.0	177.3	
44 cis-1,2-Dichloroethene	96	3.297	3.299	-0.002	96	680457	200.0	179.7	
45 Ethyl acetate	70	3.309	3.311	-0.002	94	101779	400.0	436.6	
46 2-Butanone (MEK)	72	3.309	3.311	-0.002	96	279462	1000.0	1098.5	
47 Methyl acrylate	55	3.357	3.359	-0.002	100	457993	200.0	201.8	
48 Propionitrile	54	3.424	3.426	-0.002	97	714176	2000.0	1921.4	
50 Chlorobromomethane	128	3.497	3.493	0.004	90	354708	200.0	179.8	
49 Tetrahydrofuran	72	3.497	3.505	-0.008	53	106418	400.0	397.8	
51 Methacrylonitrile	67	3.522	3.518	0.004	94	2044900	2000.0	1843.9	
52 Chloroform	83	3.546	3.542	0.004	98	1169693	200.0	178.9	
53 Cyclohexane	84	3.662	3.657	0.005	94	862597	200.0	207.7	
54 1,1,1-Trichloroethane	97	3.674	3.670	0.004	98	1054362	200.0	190.0	
$ 55 Dibromofluoromethane (Surr)	113	3.686	3.688	-0.002	96	179442	50.0	44.3	
56 Carbon tetrachloride	117	3.783	3.779	0.004	99	951055	200.0	204.3	
57 1,1-Dichloropropene	75	3.814	3.810	0.004	96	940081	200.0	212.4	
58 Isobutyl alcohol	43	3.935	3.943	-0.008	96	676260	5000.0	5167.2	
59 Isooctane	57	3.966	3.962	0.004	98	1079497	200.0	201.1	a
60 Benzene	78	3.996	3.998	-0.002	97	2600065	200.0	212.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.014	4.016	-0.002	0	178183	50.0	44.2	
62 Isopropyl acetate	43	4.051	4.053	-0.002	96	1395874	200.0	196.3	
63 Tert-amyl methyl ether	55	4.057	4.059	-0.002	92	340386	200.0	183.6	a
64 1,2-Dichloroethane	62	4.087	4.083	0.004	98	881763	200.0	183.5	
65 n-Heptane	57	4.142	4.144	-0.002	96	244047	200.0	196.5	
* 66 Fluorobenzene	96	4.270	4.272	-0.002	99	760682	50.0	50.0	
67 n-Butanol	56	4.592	4.600	-0.008	93	214784	5000.0	5432.4	
68 Trichloroethene	95	4.617	4.619	-0.002	99	715478	200.0	205.6	
69 Methylcyclohexane	83	4.738	4.740	-0.002	87	778741	200.0	207.7	
70 Ethyl acrylate	55	4.744	4.746	-0.002	97	1211242	200.0	199.0	
71 1,2-Dichloropropane	63	4.903	4.905	-0.002	90	718919	200.0	212.2	
* 72 1,4-Dioxane-d8	96	4.976	4.978	-0.002	0	32041	1000.0	1000.0	
73 Methyl methacrylate	100	4.994	4.996	-0.002	93	229982	400.0	380.3	
75 1,4-Dioxane	88	5.030	5.026	0.004	43	100433	4000.0	3804.3	
74 Dibromomethane	93	5.036	5.045	-0.008	98	449172	200.0	179.4	
76 n-Propyl acetate	43	5.055	5.063	-0.008	98	669181	200.0	200.7	
77 Dichlorobromomethane	83	5.195	5.203	-0.008	99	969928	200.0	199.3	
78 2-Nitropropane	41	5.547	5.543	0.004	99	278451	400.0	382.1	
79 2-Chloroethyl vinyl ether	63	5.560	5.562	-0.002	85	229455	200.5	230.1	
80 Epichlorohydrin	57	5.663	5.665	-0.002	99	960330	4000.0	4617.6	
81 cis-1,3-Dichloropropene	75	5.718	5.720	-0.002	94	1122041	200.0	220.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.900	5.902	-0.002	98	2249802	1000.0	1077.4	
$ 83 Toluene-d8 (Surr)	98	5.973	5.975	-0.002	100	552308	50.0	50.0	
84 Toluene	91	6.058	6.054	0.004	93	2345981	200.0	194.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.454	6.462	-0.008	98	994875	200.0	222.4	
86 Ethyl methacrylate	69	6.503	6.505	-0.002	93	584821	200.0	204.7	
87 1,1,2-Trichloroethane	83	6.685	6.687	-0.002	97	520682	200.0	211.6	
88 Tetrachloroethene	166	6.722	6.724	-0.002	99	646091	200.0	204.1	
89 1,3-Dichloropropane	76	6.916	6.918	-0.002	95	938677	200.0	222.7	
90 2-Hexanone	58	7.008	7.009	-0.001	98	854281	1000.0	1132.0	
91 n-Butyl acetate	43	7.154	7.155	-0.001	98	702165	200.0	205.3	
92 Chlorodibromomethane	129	7.172	7.168	0.004	98	753487	200.0	216.3	
93 Ethylene Dibromide	107	7.330	7.332	-0.002	99	650783	200.0	209.2	
* 94 Chlorobenzene-d5	117	7.932	7.928	0.004	85	535467	50.0	50.0	
95 Chlorobenzene	112	7.969	7.965	0.004	95	1601591	200.0	200.0	
96 Ethylbenzene	106	8.078	8.080	-0.002	98	791275	200.0	208.3	
97 1,1,1,2-Tetrachloroethane	131	8.090	8.092	-0.002	96	623557	200.0	212.4	
98 m-Xylene & p-Xylene	106	8.230	8.232	-0.002	0	989268	200.0	214.8	
99 o-Xylene	106	8.687	8.689	-0.001	94	978081	200.0	214.7	
100 n-Butyl acrylate	73	8.705	8.707	-0.002	96	404442	200.0	230.7	
101 Styrene	104	8.723	8.725	-0.002	95	1699100	200.0	222.1	
103 Bromoform	173	8.936	8.938	-0.002	97	508457	200.0	212.9	
102 Amyl acetate (mixed isomers)	43	8.954	8.956	-0.002	88	862012	200.0	216.6	
104 Isopropylbenzene	105	9.070	9.072	-0.002	96	2305459	200.0	216.6	a
$ 105 4-Bromofluorobenzene	174	9.277	9.273	0.004	95	206436	50.0	50.9	
106 Bromobenzene	156	9.398	9.400	-0.002	91	768694	200.0	205.9	
107 1,1,2,2-Tetrachloroethane	83	9.471	9.473	-0.002	98	724779	200.0	197.3	
108 N-Propylbenzene	91	9.483	9.485	-0.002	99	2731461	200.0	209.5	
109 1,2,3-Trichloropropane	110	9.508	9.510	-0.002	96	177630	200.0	185.3	a
110 trans-1,4-Dichloro-2-butene	53	9.532	9.534	-0.002	85	206623	200.0	208.1	a
111 2-Chlorotoluene	91	9.581	9.583	-0.002	97	1932004	200.0	206.2	
112 4-Ethyltoluene	105	9.599	9.595	0.004	98	2195437	200.0	204.3	
113 1,3,5-Trimethylbenzene	105	9.666	9.668	-0.002	93	1913321	200.0	214.3	
114 4-Chlorotoluene	91	9.696	9.692	0.004	97	1851032	200.0	202.6	
115 Butyl Methacrylate	87	9.782	9.784	-0.002	93	662767	200.0	225.1	
116 tert-Butylbenzene	119	9.946	9.942	0.004	93	1543317	200.0	210.7	
117 1,2,4-Trimethylbenzene	105	10.001	10.003	-0.002	98	2026781	200.0	213.6	
118 sec-Butylbenzene	105	10.141	10.142	-0.002	99	2222415	200.0	217.1	
120 1,3-Dichlorobenzene	146	10.262	10.264	-0.002	96	1304847	200.0	205.3	
119 4-Isopropyltoluene	119	10.274	10.270	0.004	97	1922402	200.0	218.8	
* 121 1,4-Dichlorobenzene-d4	152	10.329	10.331	-0.002	95	295525	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.347	10.349	-0.002	95	1346642	200.0	196.6	
123 1,2,3-Trimethylbenzene	105	10.372	10.374	-0.002	98	2061373	200.0	201.6	
124 Benzyl chloride	91	10.481	10.477	0.004	99	1283232	200.0	213.1	a
125 2,3-Dihydroindene	117	10.536	10.532	0.004	94	2076061	200.0	202.1	
126 p-Diethylbenzene	119	10.597	10.593	0.004	93	1101513	200.0	205.1	
127 n-Butylbenzene	92	10.615	10.617	-0.002	98	924892	200.0	206.2	
128 1,2-Dichlorobenzene	146	10.658	10.660	-0.002	97	1260847	200.0	201.3	a
129 1,2,4,5-Tetramethylbenzene	119	11.223	11.219	0.004	97	1799359	200.0	224.1	
130 1,2-Dibromo-3-Chloropropane	157	11.302	11.298	0.004	95	166979	200.0	212.2	
131 1,3,5-Trichlorobenzene	180	11.412	11.408	0.004	98	859809	200.0	200.9	
132 1,2,4-Trichlorobenzene	180	11.886	11.888	-0.002	94	867986	200.0	221.1	
133 Hexachlorobutadiene	225	11.972	11.968	0.004	96	306648	200.0	201.0	
134 Naphthalene	128	12.069	12.071	-0.002	99	2112434	200.0	232.5	
135 1,2,3-Trichlorobenzene	180	12.245	12.247	-0.002	95	789437	200.0	220.0	
S 136 1,2-Dichloroethene, Total	100				0		400.0	383.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		400.0	429.5	
S 138 Total BTEX	1				0		1000.0	1044.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

Ethanol mix_00087	Amount Added:	20.00	Units: uL	
7 Freons Hi_00012	Amount Added:	20.00	Units: uL	
GAS Hi_00464	Amount Added:	20.00	Units: uL	
MIX I Hi_00174	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00147	Amount Added:	20.00	Units: uL	
ACROLEIN W_00166	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2024 19:53:41 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02059.D

Injection Date: 14-Mar-2024 13:35:30 Instrument ID: CVOAMS8 Operator ID:

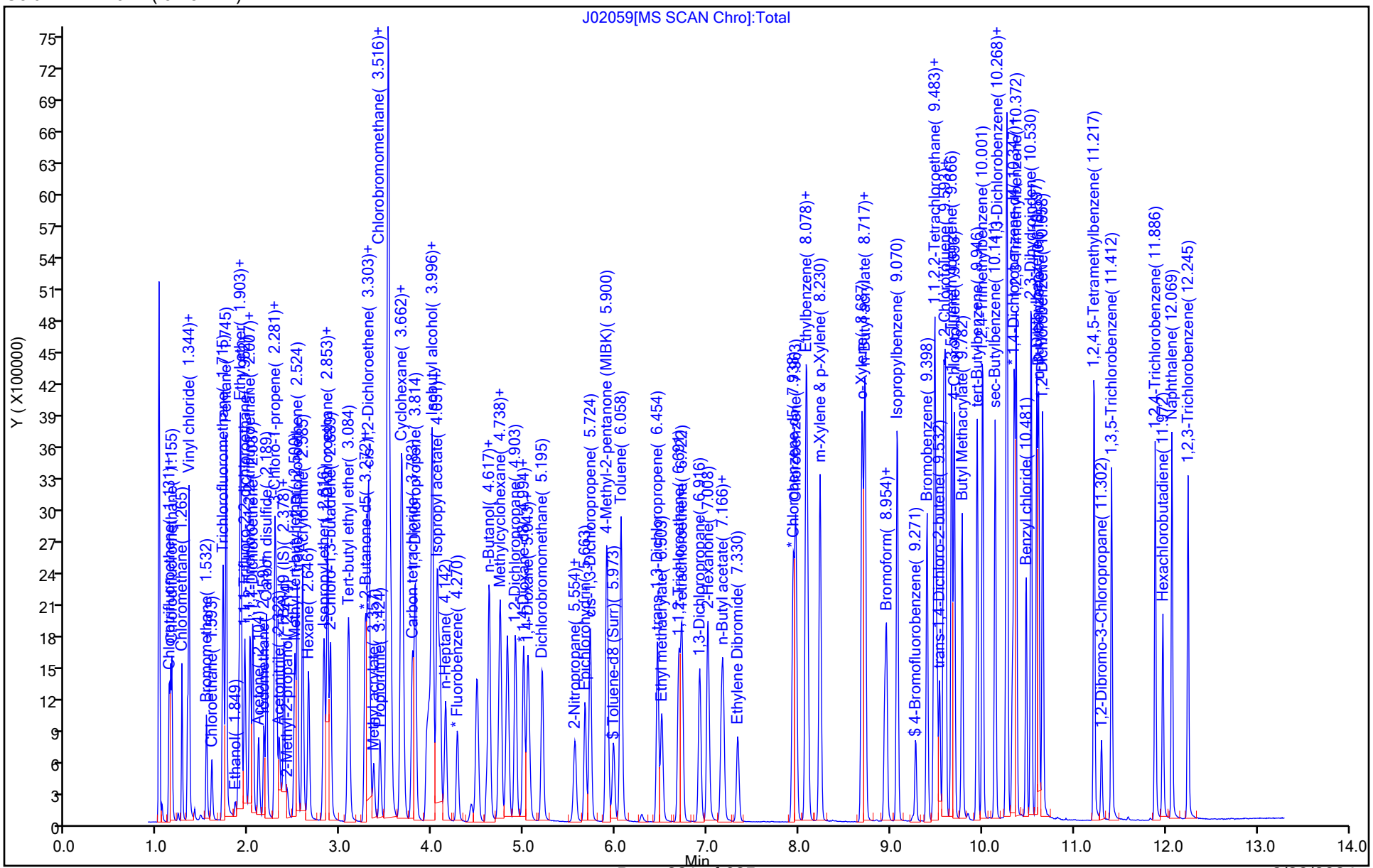
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

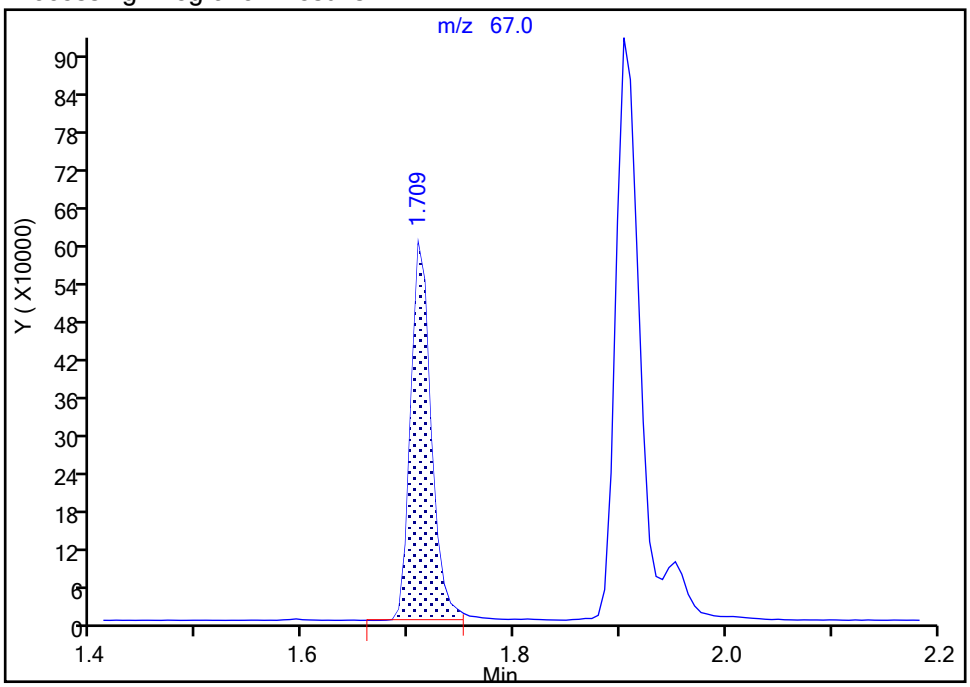
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02059.D
Injection Date: 14-Mar-2024 13:35:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

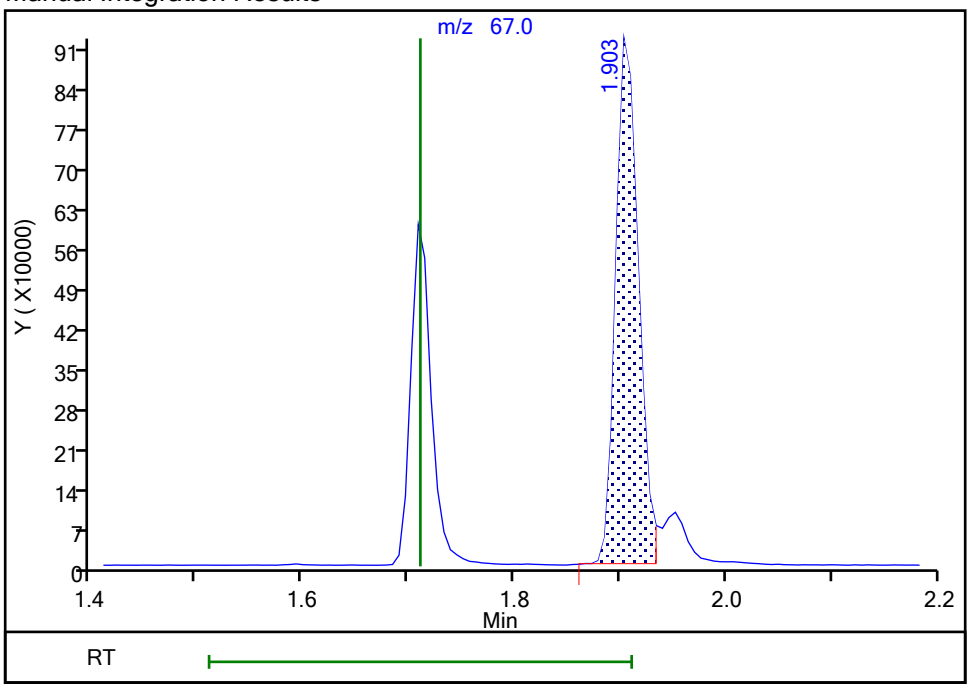
Processing Integration Results

RT: 1.71
Area: 805137
Amount: 192.4760
Amount Units: ug/l



Manual Integration Results

RT: 1.90
Area: 1392569
Amount: 241.6721
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 18:00:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

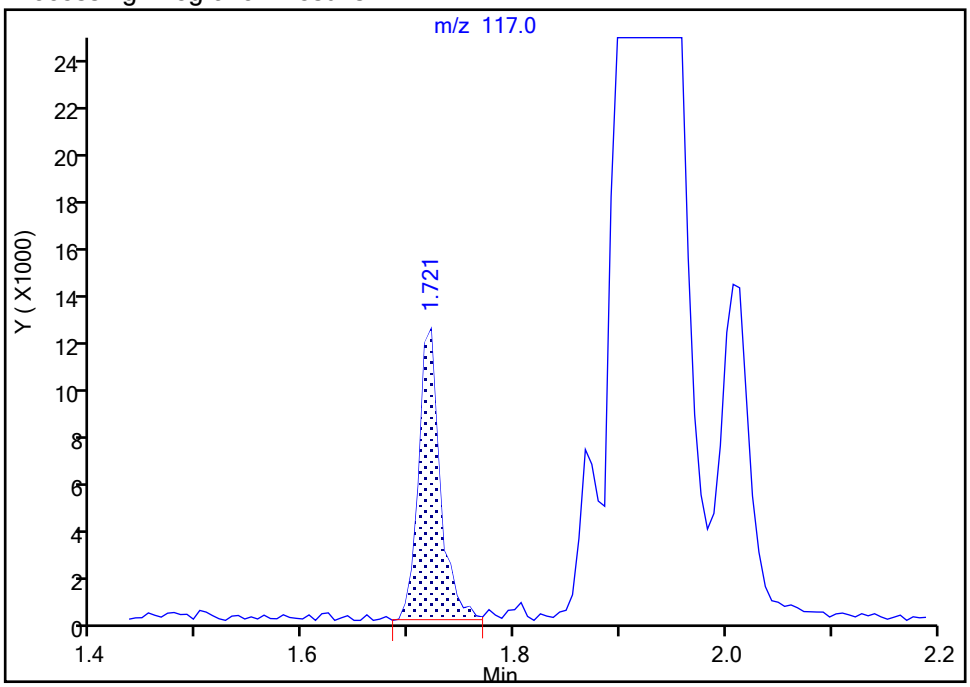
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02059.D
Injection Date: 14-Mar-2024 13:35:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

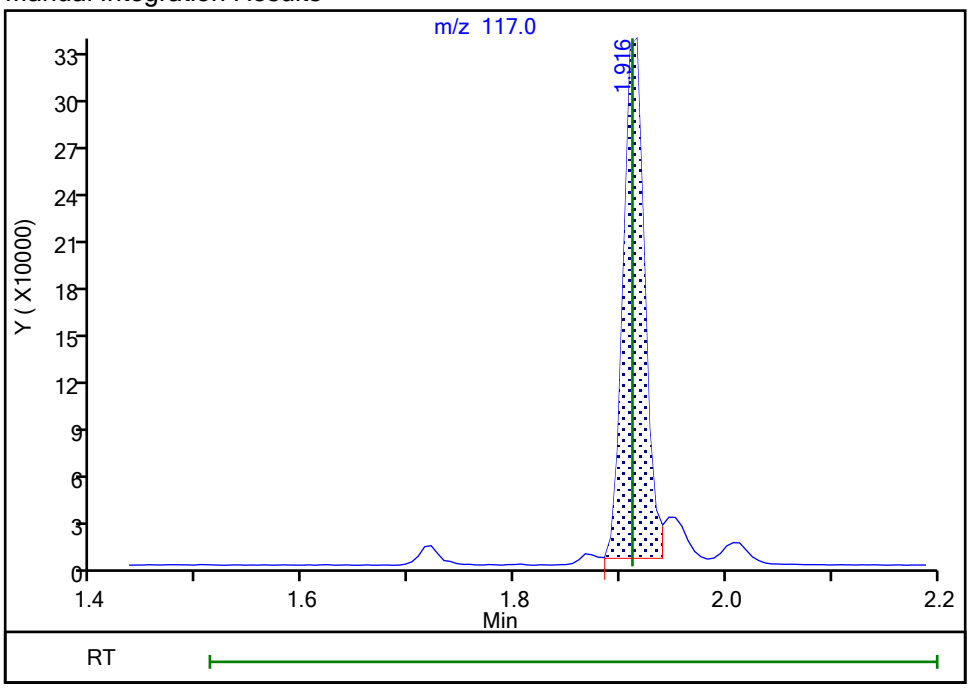
Processing Integration Results

RT: 1.72
Area: 17772
Amount: 13.559269
Amount Units: ug/l



Manual Integration Results

RT: 1.92
Area: 467655
Amount: 195.1080
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:50:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

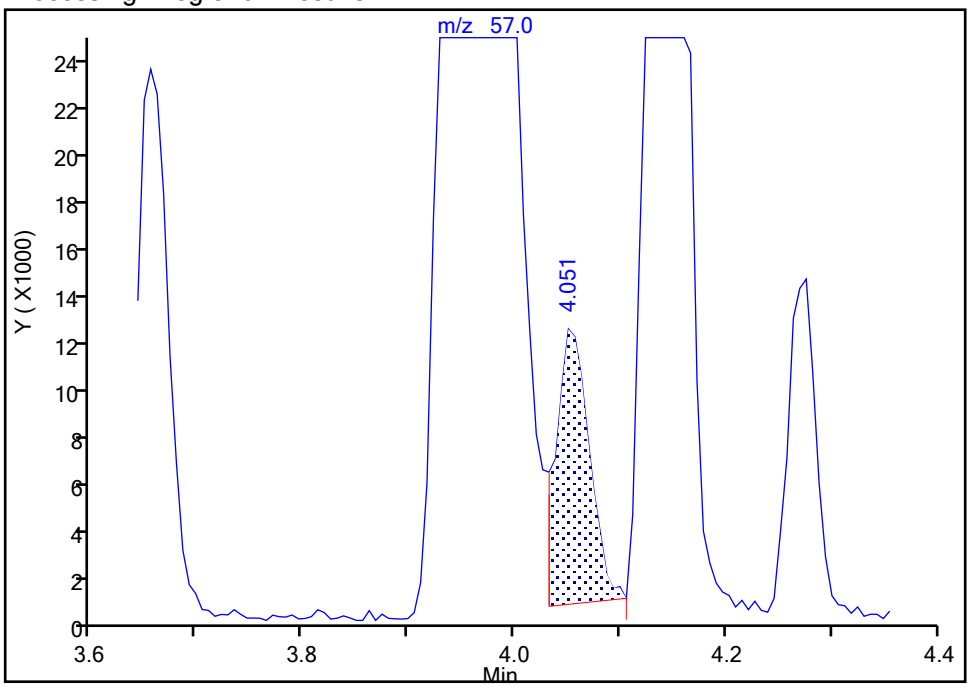
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02059.D
Injection Date: 14-Mar-2024 13:35:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Signal: 1

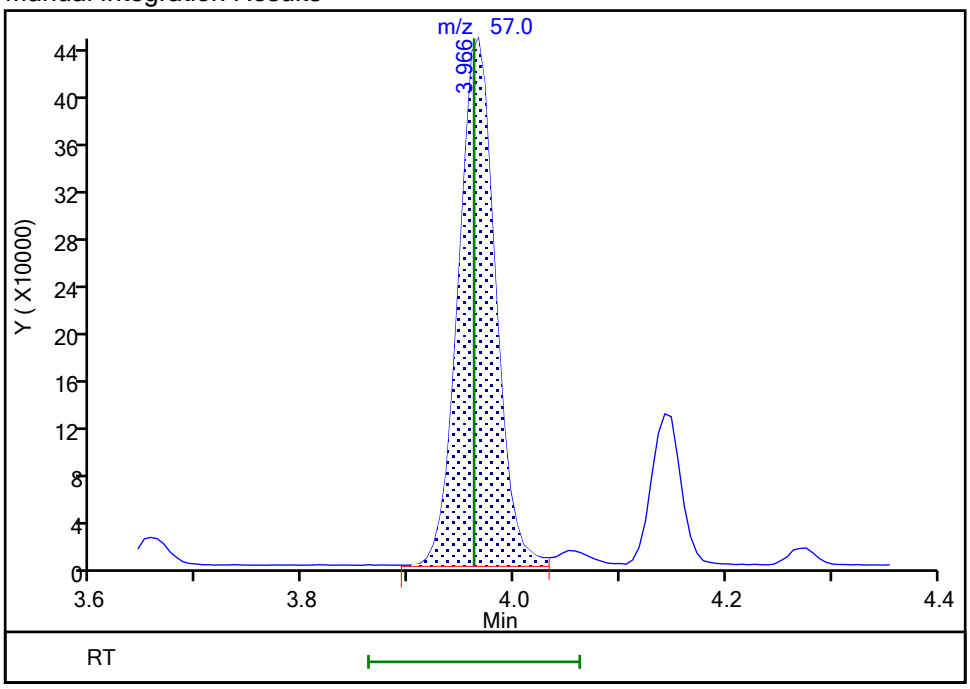
Processing Integration Results

RT: 4.05
Area: 25773
Amount: 7.191615
Amount Units: ug/l



Manual Integration Results

RT: 3.97
Area: 1079497
Amount: 201.0781
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 18:00:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

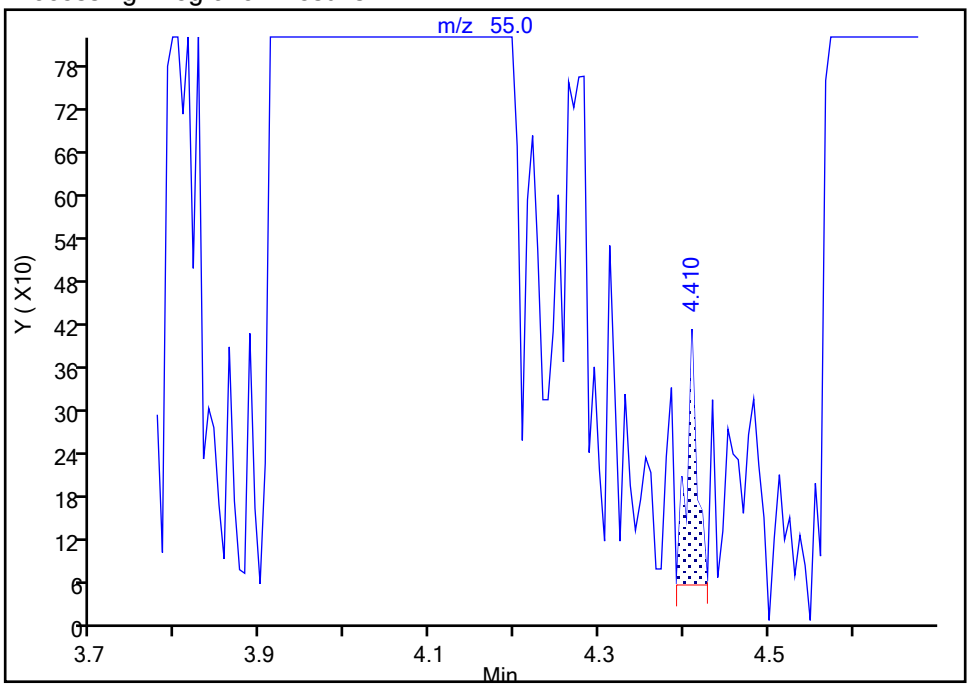
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02059.D
Injection Date: 14-Mar-2024 13:35:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

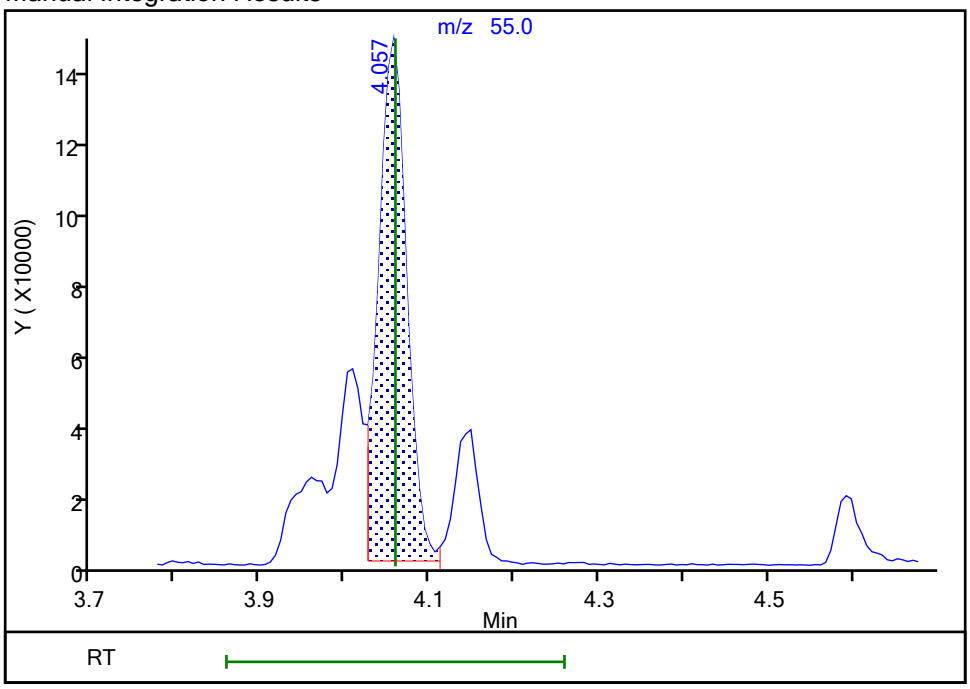
Processing Integration Results

RT: 4.41
Area: 296
Amount: 0.630920
Amount Units: ug/l



Manual Integration Results

RT: 4.06
Area: 340386
Amount: 183.6367
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 18:00:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

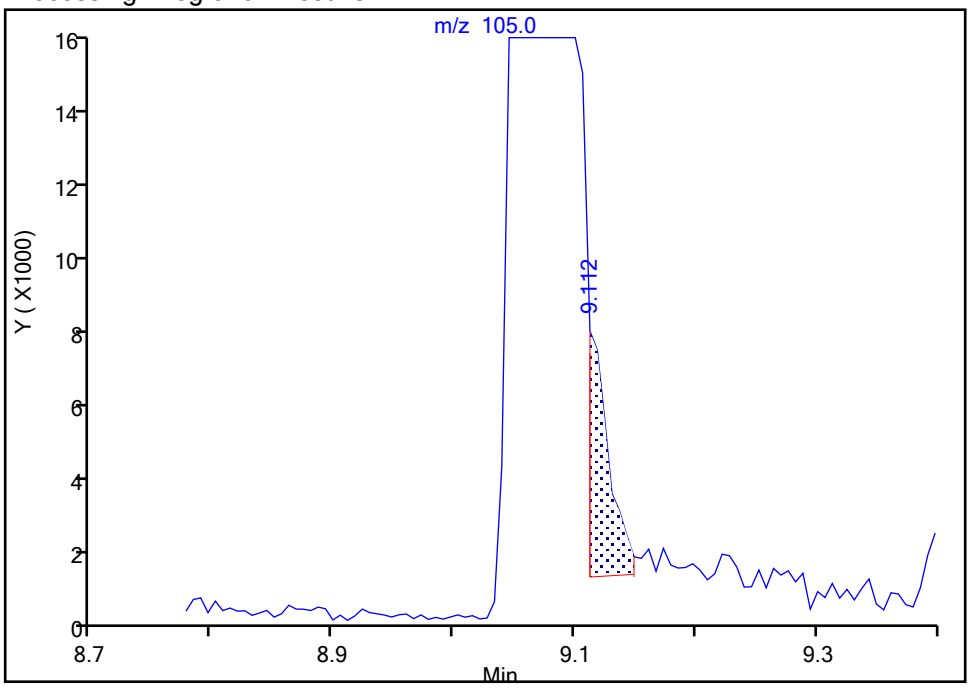
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02059.D
Injection Date: 14-Mar-2024 13:35:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

104 Isopropylbenzene, CAS: 98-82-8

Signal: 1

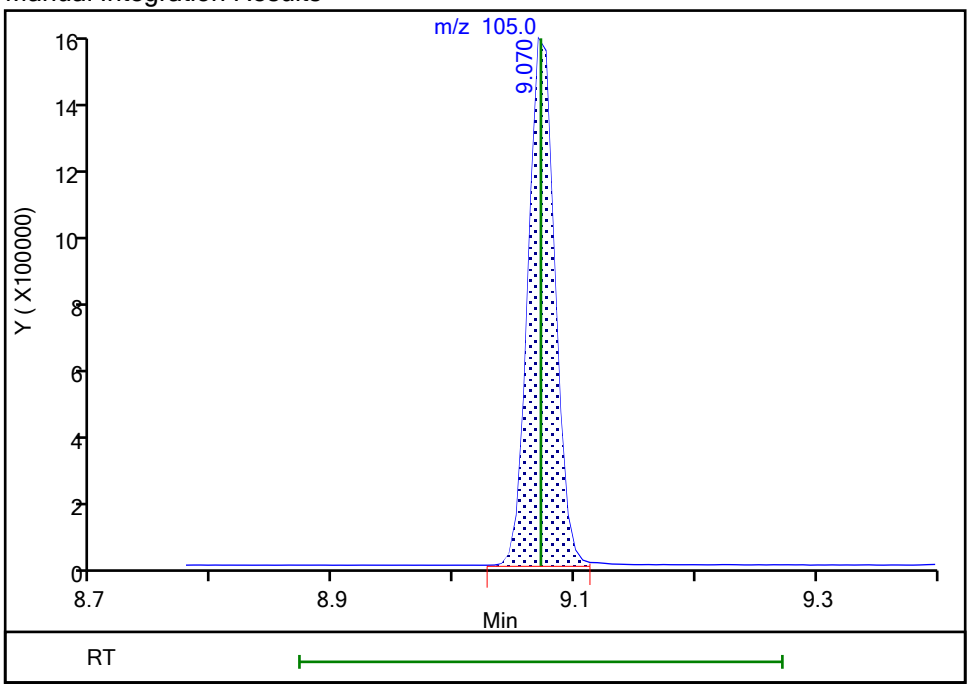
Processing Integration Results

RT: 9.11
Area: 8320
Amount: 1.600810
Amount Units: ug/l



Manual Integration Results

RT: 9.07
Area: 2305459
Amount: 216.5766
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 18:00:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

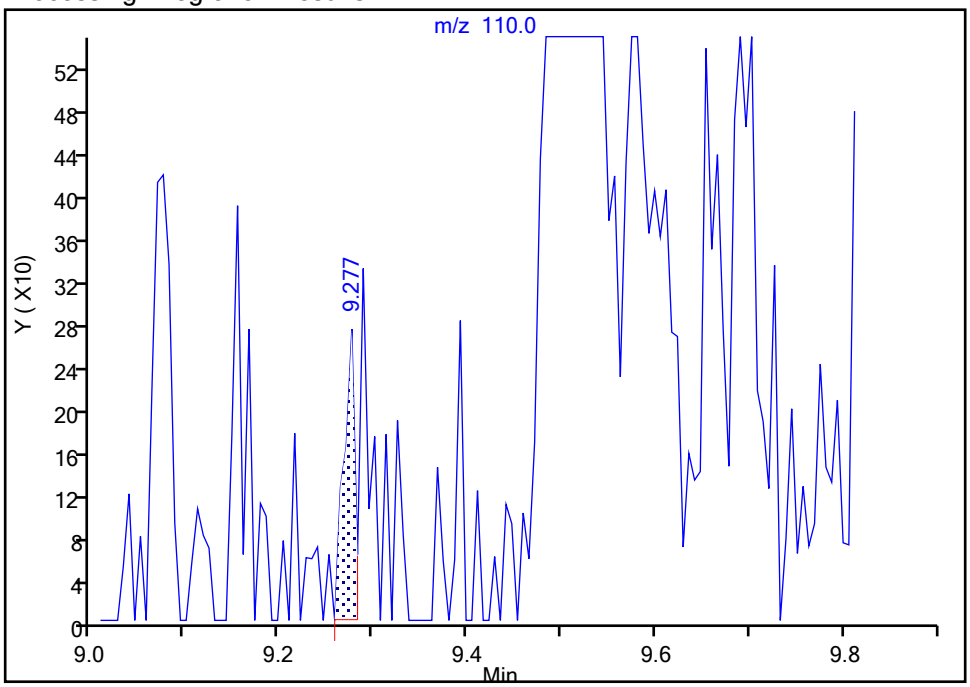
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02059.D
Injection Date: 14-Mar-2024 13:35:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

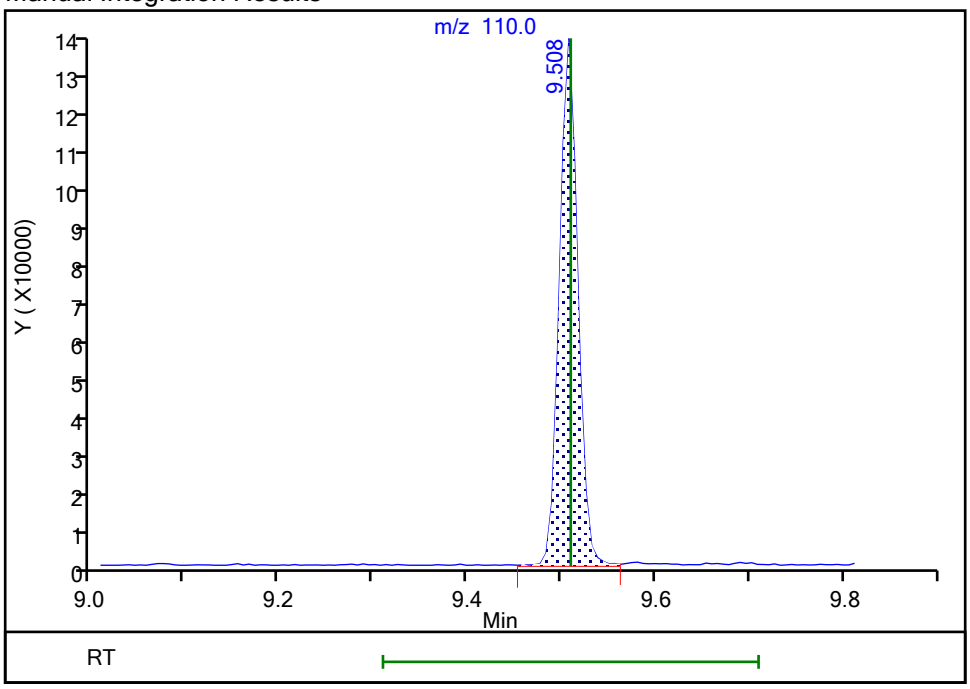
Processing Integration Results

RT: 9.28
Area: 228
Amount: 1.294451
Amount Units: ug/l



Manual Integration Results

RT: 9.51
Area: 177630
Amount: 185.3462
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 18:01:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

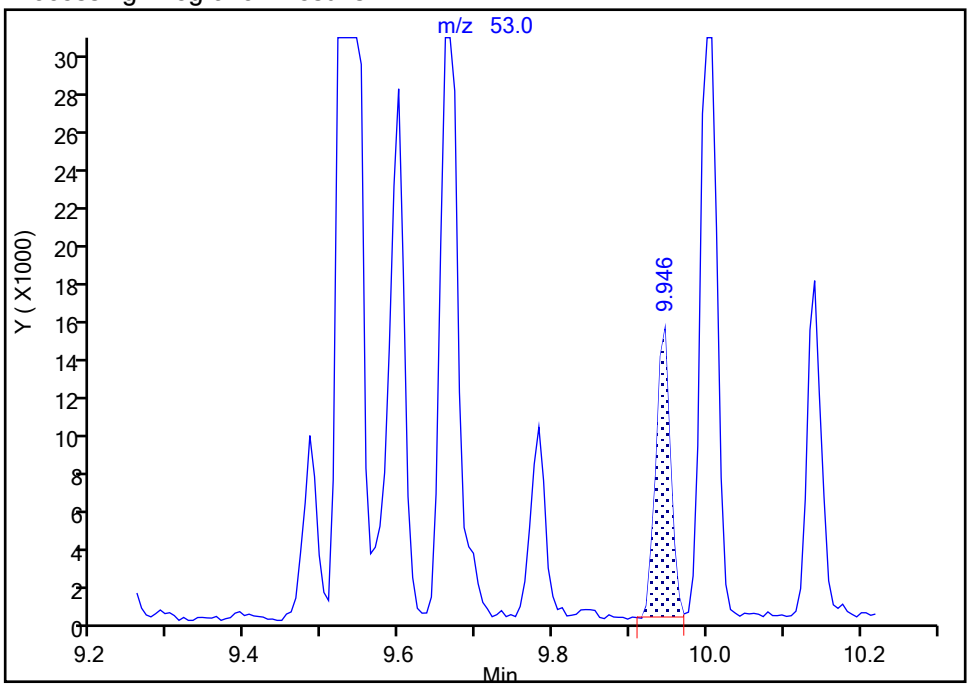
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02059.D
Injection Date: 14-Mar-2024 13:35:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

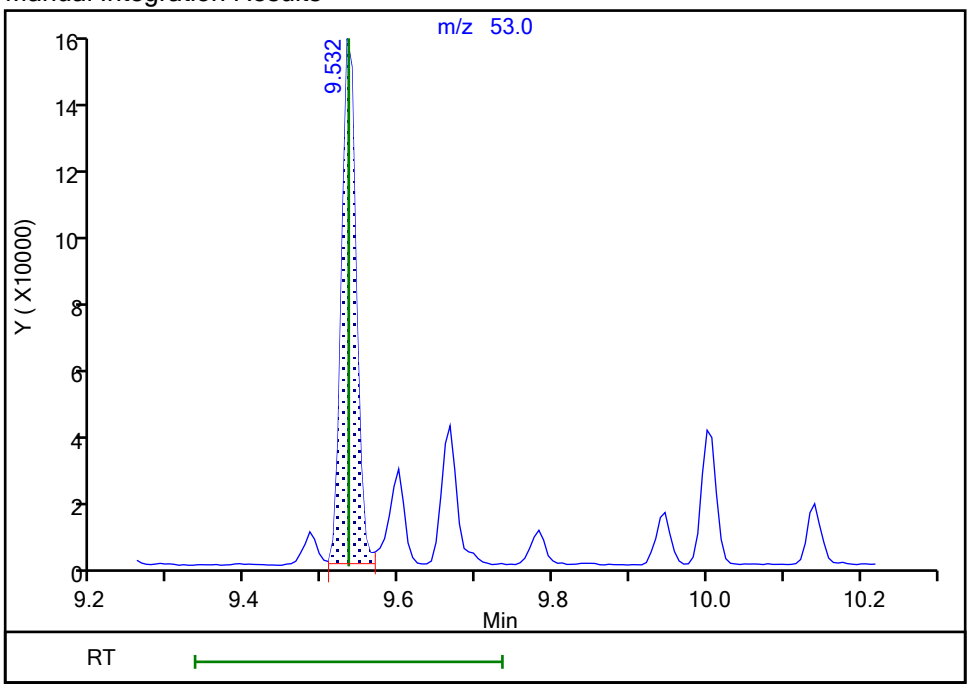
Processing Integration Results

RT: 9.95
Area: 20299
Amount: 48.672976
Amount Units: ug/l



Manual Integration Results

RT: 9.53
Area: 206623
Amount: 208.0866
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:50:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

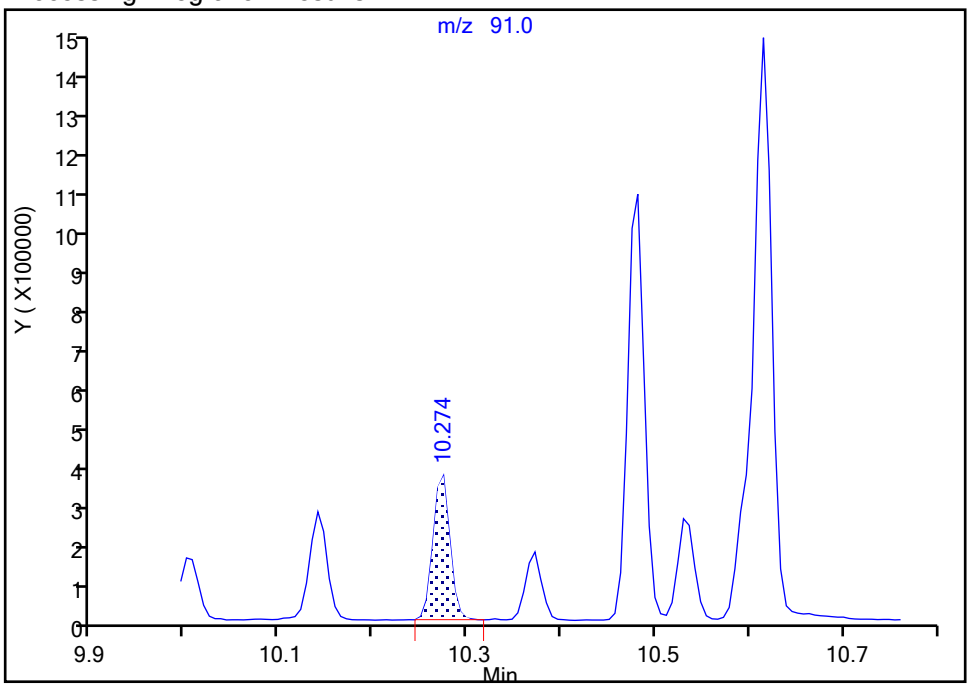
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02059.D
Injection Date: 14-Mar-2024 13:35:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Signal: 1

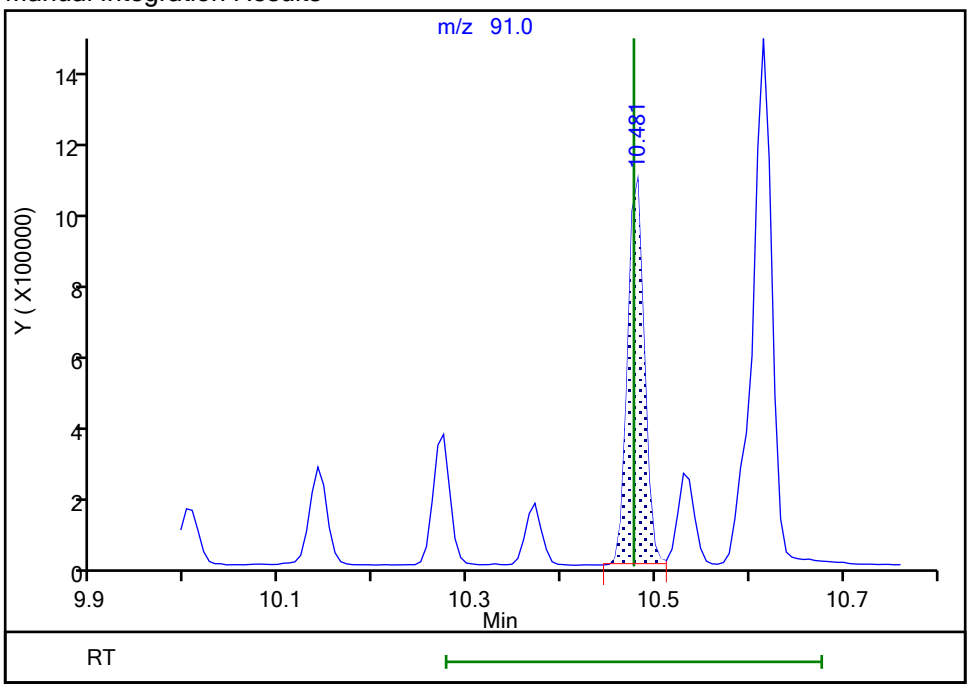
Processing Integration Results

RT: 10.27
Area: 439762
Amount: 201.0706
Amount Units: ug/l



Manual Integration Results

RT: 10.48
Area: 1283232
Amount: 213.1087
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 18:01:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

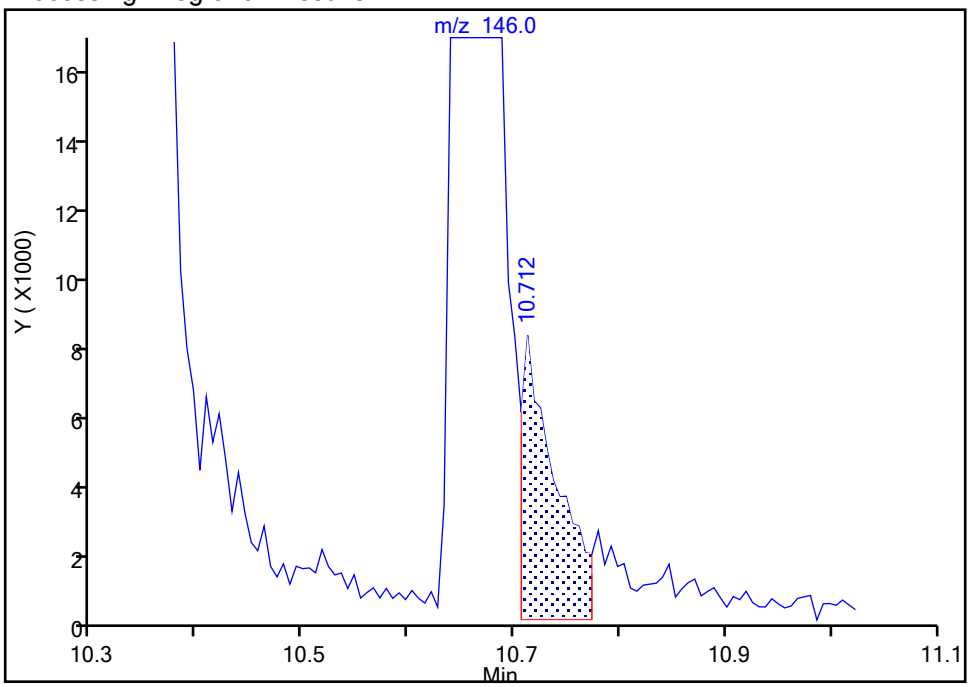
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02059.D
Injection Date: 14-Mar-2024 13:35:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

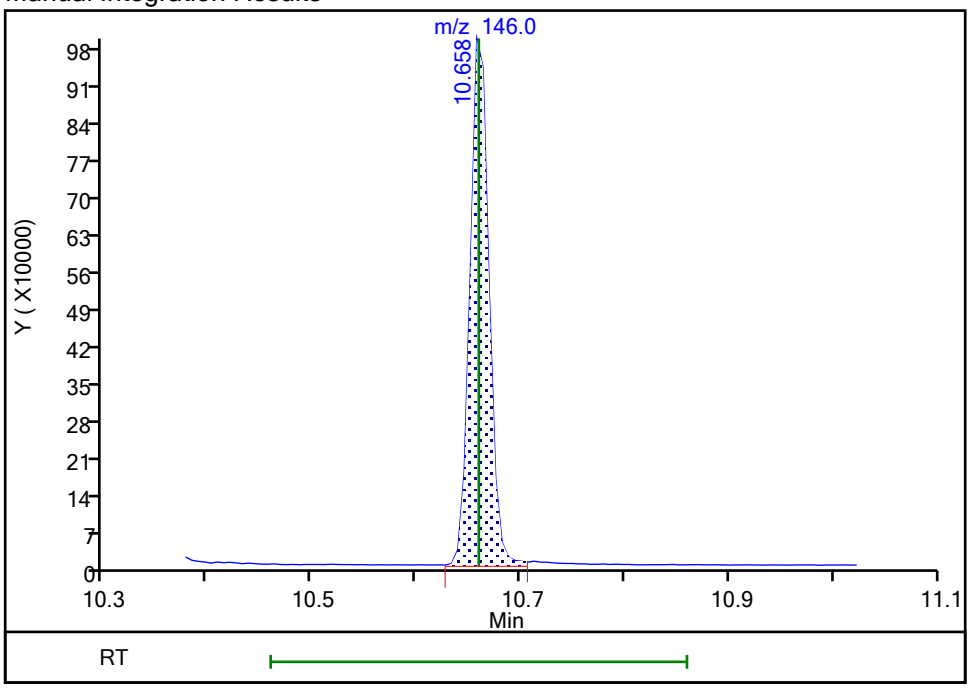
Processing Integration Results

RT: 10.71
Area: 17707
Amount: 5.662908
Amount Units: ug/l



Manual Integration Results

RT: 10.66
Area: 1260847
Amount: 201.3419
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 18:01:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02060.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 14-Mar-2024 14:01:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0173383-009
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2024 19:54:05 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: HVW2 Date: 14-Mar-2024 19:49:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.120	1.121	-0.001	96	106141	500.0	501.2	
4 Dichlorodifluoromethane	85	1.144	1.145	-0.001	100	2156362	500.0	462.1	
5 Chlorodifluoromethane	67	1.156	1.157	-0.001	99	275246	500.0	387.1	
6 Chloromethane	50	1.266	1.267	-0.001	99	2070479	500.0	437.4	
7 Vinyl chloride	62	1.326	1.328	-0.002	99	1786931	500.0	450.3	
8 Butadiene	54	1.345	1.340	0.005	97	1773162	500.0	458.5	
9 Bromomethane	94	1.533	1.534	-0.001	99	1348049	500.0	589.6	
10 Chloroethane	64	1.594	1.589	0.005	99	827686	500.0	433.7	
12 Dichlorofluoromethane	67	1.710	1.711	-0.001	98	2423831	500.0	393.4	
11 Trichlorofluoromethane	101	1.722	1.717	0.005	99	2472902	500.0	464.2	
13 Pentane	43	1.746	1.747	-0.001	94	4470516	1000.0	976.3	
14 Ethanol	46	1.850	1.845	0.005	97	143161	20000	20096	
15 Ethyl ether	59	1.886	1.887	-0.001	95	1134629	500.0	536.7	
16 2-Methyl-1,3-butadiene	53	1.898	1.899	-0.001	98	1427322	500.0	533.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.917	1.912	0.005	94	1290978	500.0	503.7	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.953	1.948	0.005	95	2242601	500.0	494.3	a
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.008	2.009	-0.001	99	1569680	500.0	496.5	
19 Acrolein	56	2.014	2.015	-0.001	94	147244	400.0	400.8	
21 1,1-Dichloroethene	96	2.044	2.039	0.005	99	1341754	500.0	495.4	
22 Acetone	43	2.105	2.100	0.005	85	2040560	2500.0	2648.2	
23 Iodomethane	142	2.160	2.155	0.005	99	1705442	500.0	564.1	
25 Isopropyl alcohol	45	2.166	2.161	0.005	99	634634	5000.0	5355.0	
24 Carbon disulfide	76	2.190	2.185	0.005	99	4573849	500.0	413.1	
26 3-Chloro-1-propene	76	2.282	2.277	0.005	95	667285	500.0	474.2	
28 Methyl acetate	43	2.288	2.283	0.005	100	1465321	1000.0	929.5	
27 Cyclopentene	67	2.294	2.295	-0.001	95	2674013	500.0	491.2	
29 Acetonitrile	41	2.330	2.325	0.005	98	1367493	5000.0	4416.7	
* 30 TBA-d9 (IS)	65	2.361	2.362	-0.001	88	192055	1000.0	1000.0	
31 Methylene Chloride	84	2.379	2.380	-0.001	94	1101292	500.0	499.0	
32 2-Methyl-2-propanol	59	2.415	2.416	-0.001	98	751907	5000.0	4875.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.501	2.502	-0.001	97	3137472	500.0	530.9	
34 trans-1,2-Dichloroethene	96	2.525	2.526	-0.001	96	1356863	500.0	464.0	
35 Acrylonitrile	53	2.586	2.581	0.005	92	3410149	5000.0	4453.8	
36 Hexane	57	2.647	2.648	-0.001	91	1253376	500.0	504.9	
37 Isopropyl ether	45	2.817	2.818	-0.001	98	3963388	500.0	534.3	
38 1,1-Dichloroethane	63	2.853	2.848	0.005	100	2334384	500.0	428.4	
39 Vinyl acetate	43	2.859	2.854	0.005	100	4947220	1000.0	1044.6	
40 2-Chloro-1,3-butadiene	88	2.890	2.891	-0.001	92	1221736	500.0	522.7	
41 Tert-butyl ethyl ether	59	3.085	3.086	-0.001	88	4693282	500.0	563.0	
* 43 2-Butanone-d5	46	3.261	3.262	-0.001	80	366951	250.0	250.0	
42 2,2-Dichloropropane	79	3.267	3.274	-0.007	97	890778	500.0	447.8	
44 cis-1,2-Dichloroethene	96	3.297	3.299	-0.002	97	1908135	500.0	471.3	
45 Ethyl acetate	70	3.310	3.311	-0.001	94	285040	1000.0	1082.2	
46 2-Butanone (MEK)	72	3.310	3.311	-0.001	96	738300	2500.0	2563.1	
47 Methyl acrylate	55	3.358	3.359	-0.001	100	1290437	500.0	531.8	
48 Propionitrile	54	3.431	3.426	0.005	97	1864646	5000.0	4725.5	
50 Chlorobromomethane	128	3.504	3.493	0.011	82	885400	500.0	419.8	
49 Tetrahydrofuran	72	3.498	3.505	-0.007	62	315202	1000.0	1040.7	
51 Methacrylonitrile	67	3.523	3.518	0.005	92	5504792	5000.0	4642.3	
52 Chloroform	83	3.547	3.542	0.005	98	3267864	500.0	467.4	
53 Cyclohexane	84	3.662	3.657	0.005	94	2303362	500.0	518.8	
54 1,1,1-Trichloroethane	97	3.675	3.670	0.005	99	2821661	500.0	475.4	
$ 55 Dibromofluoromethane (Surr)	113	3.687	3.688	-0.001	97	199552	50.0	46.1	
56 Carbon tetrachloride	117	3.784	3.779	0.005	99	2574112	500.0	517.1	
57 1,1-Dichloropropene	75	3.815	3.810	0.005	96	2528917	500.0	534.5	
58 Isobutyl alcohol	43	3.942	3.943	-0.001	95	1740128	12500	12524	
59 Isooctane	57	3.967	3.962	0.005	98	2993740	500.0	521.5	a
60 Benzene	78	3.997	3.998	-0.001	97	6517361	500.0	533.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.015	4.016	-0.001	0	201429	50.0	46.7	
62 Isopropyl acetate	43	4.052	4.053	-0.001	96	4016428	500.0	528.2	
63 Tert-amyl methyl ether	55	4.058	4.059	-0.001	92	995845	500.0	521.3	a
64 1,2-Dichloroethane	62	4.088	4.083	0.005	98	2372837	500.0	461.9	
65 n-Heptane	57	4.143	4.144	-0.001	96	645526	500.0	486.1	
* 66 Fluorobenzene	96	4.271	4.272	-0.001	99	813361	50.0	50.0	
67 n-Butanol	56	4.593	4.600	-0.007	93	639892	12500	15245	
68 Trichloroethene	95	4.618	4.619	-0.001	99	1897964	500.0	510.1	
69 Methylcyclohexane	83	4.739	4.740	-0.001	87	2220457	500.0	553.8	
70 Ethyl acrylate	55	4.745	4.746	-0.001	99	3408867	500.0	523.9	
71 1,2-Dichloropropane	63	4.904	4.905	-0.001	90	1858614	500.0	513.1	
* 72 1,4-Dioxane-d8	96	4.977	4.978	-0.001	0	30249	1000.0	1000.0	M
73 Methyl methacrylate	100	4.995	4.996	-0.001	92	625334	1000.0	967.0	
75 1,4-Dioxane	88	5.031	5.026	0.005	44	281878	10000	11310	
74 Dibromomethane	93	5.037	5.045	-0.007	97	1184996	500.0	442.5	
76 n-Propyl acetate	43	5.056	5.063	-0.007	98	1915331	500.0	537.2	
77 Dichlorobromomethane	83	5.202	5.203	-0.001	99	2484587	500.0	477.4	
78 2-Nitropropane	41	5.548	5.543	0.005	98	772786	1000.0	998.8	
79 2-Chloroethyl vinyl ether	63	5.561	5.562	-0.001	84	640709	501.2	600.8	
80 Epichlorohydrin	57	5.670	5.665	0.005	98	2333958	10000	9911.3	
81 cis-1,3-Dichloropropene	75	5.725	5.720	0.005	94	2972093	500.0	583.3	
82 4-Methyl-2-pentanone (MIBK)	43	5.901	5.902	-0.001	98	5686086	2500.0	2404.8	
$ 83 Toluene-d8 (Surr)	98	5.980	5.975	0.005	98	583999	50.0	52.9	
84 Toluene	91	6.059	6.054	0.005	94	6050802	500.0	500.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.455	6.462	-0.007	99	2563468	500.0	573.4	
86 Ethyl methacrylate	69	6.503	6.505	-0.002	91	1482192	500.0	485.2	
87 1,1,2-Trichloroethane	83	6.692	6.687	0.005	97	1312189	500.0	533.7	
88 Tetrachloroethene	166	6.722	6.724	-0.002	99	1718187	500.0	543.1	
89 1,3-Dichloropropane	76	6.917	6.918	-0.001	95	2329334	500.0	552.9	
90 2-Hexanone	58	7.008	7.009	-0.001	98	2110857	2500.0	2470.2	
91 n-Butyl acetate	43	7.154	7.155	-0.001	98	1740195	500.0	509.3	
92 Chlorodibromomethane	129	7.173	7.168	0.005	98	1843220	500.0	529.4	
93 Ethylene Dibromide	107	7.331	7.332	-0.001	99	1621714	500.0	521.6	
* 94 Chlorobenzene-d5	117	7.933	7.928	0.005	86	535101	50.0	50.0	
95 Chlorobenzene	112	7.964	7.965	-0.001	95	3941707	500.0	492.6	
96 Ethylbenzene	106	8.079	8.080	-0.001	98	1988516	500.0	523.9	
97 1,1,1,2-Tetrachloroethane	131	8.091	8.092	-0.001	96	1608483	500.0	548.3	
98 m-Xylene & p-Xylene	106	8.231	8.232	-0.001	0	2360710	500.0	513.0	
99 o-Xylene	106	8.687	8.689	-0.001	94	2391192	500.0	525.2	
100 n-Butyl acrylate	73	8.706	8.707	-0.001	97	1027679	500.0	586.7	
101 Styrene	104	8.724	8.725	-0.001	94	4067472	500.0	532.0	
103 Bromoform	173	8.937	8.938	-0.001	97	1273551	500.0	533.6	
102 Amyl acetate (mixed isomers)	43	8.955	8.956	-0.001	88	2182427	500.0	536.2	
104 Isopropylbenzene	105	9.071	9.072	-0.001	97	5383753	500.0	506.1	a
$ 105 4-Bromofluorobenzene	174	9.278	9.273	0.005	96	198203	50.0	48.9	
106 Bromobenzene	156	9.399	9.400	-0.001	91	1846522	500.0	483.7	
107 1,1,2,2-Tetrachloroethane	83	9.472	9.473	-0.001	98	1781045	500.0	474.1	
108 N-Propylbenzene	91	9.484	9.485	-0.001	99	6456431	500.0	484.2	
109 1,2,3-Trichloropropane	110	9.509	9.510	-0.001	96	438479	500.0	447.4	a
110 trans-1,4-Dichloro-2-butene	53	9.533	9.534	-0.001	84	507308	500.0	499.5	a
111 2-Chlorotoluene	91	9.582	9.583	-0.001	98	4706464	500.0	491.2	
112 4-Ethyltoluene	105	9.600	9.595	0.005	97	5326994	500.0	484.8	
113 1,3,5-Trimethylbenzene	105	9.667	9.668	-0.001	93	4655957	500.0	509.9	
114 4-Chlorotoluene	91	9.697	9.692	0.005	97	4786789	500.0	512.4	
115 Butyl Methacrylate	87	9.782	9.784	-0.002	93	1823966	500.0	605.6	
116 tert-Butylbenzene	119	9.947	9.942	0.005	93	3748149	500.0	500.4	
117 1,2,4-Trimethylbenzene	105	10.008	10.003	0.005	98	5063511	500.0	521.7	
118 sec-Butylbenzene	105	10.141	10.142	-0.001	98	5498710	500.0	525.1	
120 1,3-Dichlorobenzene	146	10.263	10.264	-0.001	95	3308503	500.0	509.1	
119 4-Isopropyltoluene	119	10.275	10.270	0.005	97	4902381	500.0	545.7	
* 121 1,4-Dichlorobenzene-d4	152	10.330	10.331	-0.001	93	302245	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.348	10.349	-0.001	95	3398092	500.0	485.2	
123 1,2,3-Trimethylbenzene	105	10.373	10.374	-0.001	98	5287528	500.0	505.6	
124 Benzyl chloride	91	10.482	10.477	0.005	99	3533537	500.0	573.8	a
125 2,3-Dihydroindene	117	10.537	10.532	0.005	95	5326401	500.0	507.0	
126 p-Diethylbenzene	119	10.598	10.593	0.005	92	3038351	500.0	553.0	
127 n-Butylbenzene	92	10.616	10.617	-0.001	98	2441389	500.0	532.3	
128 1,2-Dichlorobenzene	146	10.665	10.660	0.005	96	3329345	500.0	519.8	a
129 1,2,4,5-Tetramethylbenzene	119	11.218	11.219	-0.001	98	4891306	500.0	595.6	
130 1,2-Dibromo-3-Chloropropane	157	11.303	11.298	0.005	96	455544	500.0	566.1	
131 1,3,5-Trichlorobenzene	180	11.413	11.408	0.005	98	2359747	500.0	539.0	
132 1,2,4-Trichlorobenzene	180	11.887	11.888	-0.001	94	2335276	500.0	581.6	
133 Hexachlorobutadiene	225	11.973	11.968	0.004	97	831746	500.0	533.2	
134 Naphthalene	128	12.070	12.071	-0.001	99	5418540	500.0	583.0	
135 1,2,3-Trichlorobenzene	180	12.246	12.247	-0.001	96	2105774	500.0	573.7	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	935.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		1000.0	1038.2	
S 138 Total BTEX	1				0		2500.0	2595.8	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

Ethanol mix_00087	Amount Added:	50.00	Units: uL	
7 Freons Hi_00012	Amount Added:	50.00	Units: uL	
GAS Hi_00464	Amount Added:	50.00	Units: uL	
MIX I Hi_00174	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00147	Amount Added:	50.00	Units: uL	
ACROLEIN W_00166	Amount Added:	40.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

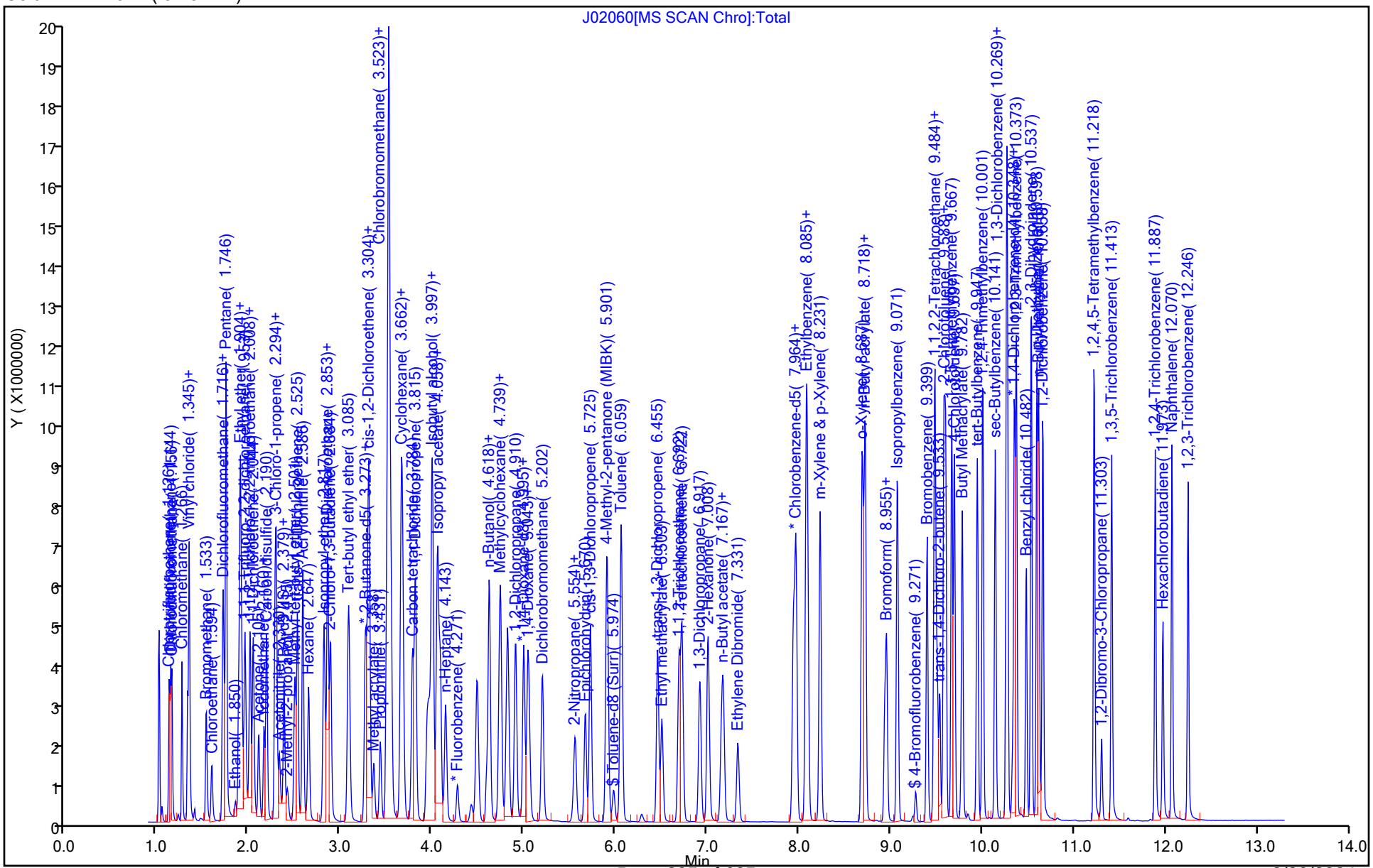
Report Date: 15-Mar-2024 19:54:06 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02060.D

Injection Date:	14-Mar-2024 14:01:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison

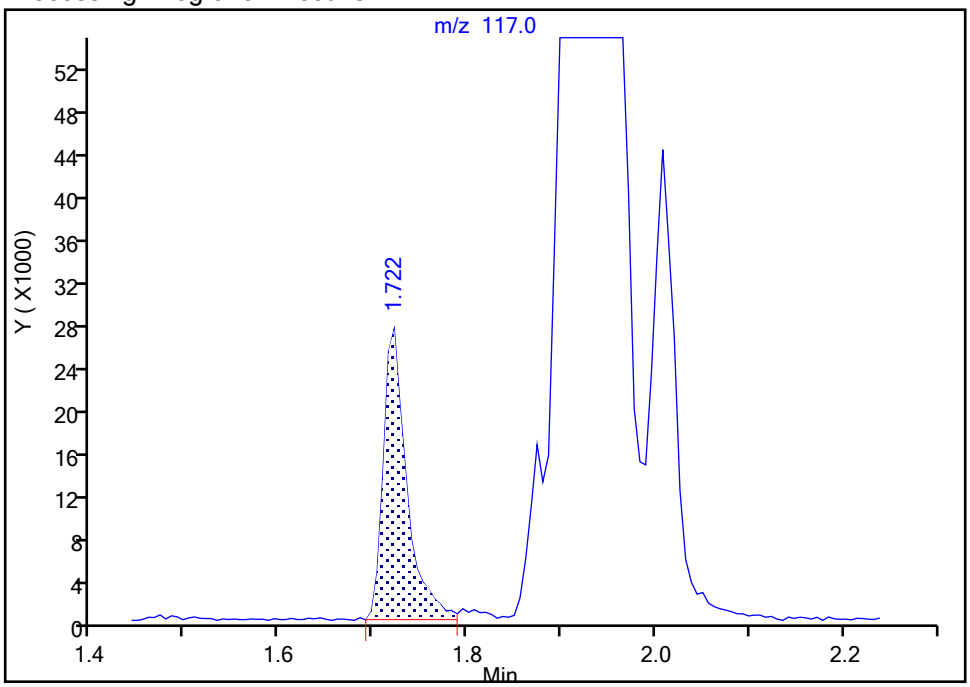
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02060.D
Injection Date: 14-Mar-2024 14:01:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

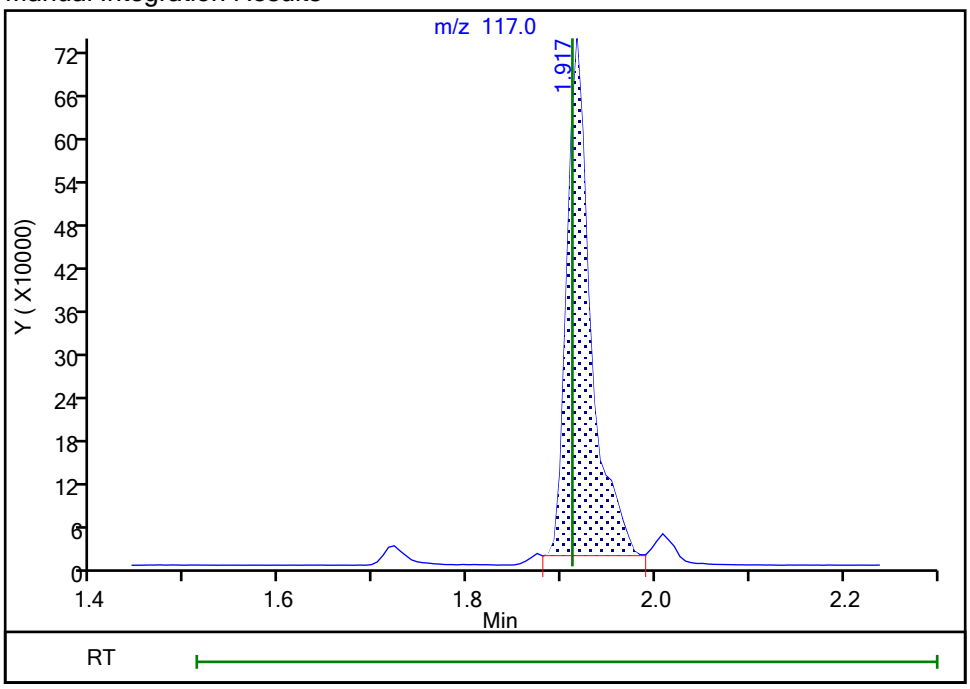
Processing Integration Results

RT: 1.72
Area: 47416
Amount: 48.043554
Amount Units: ug/l



Manual Integration Results

RT: 1.92
Area: 1290978
Amount: 503.7188
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:48:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

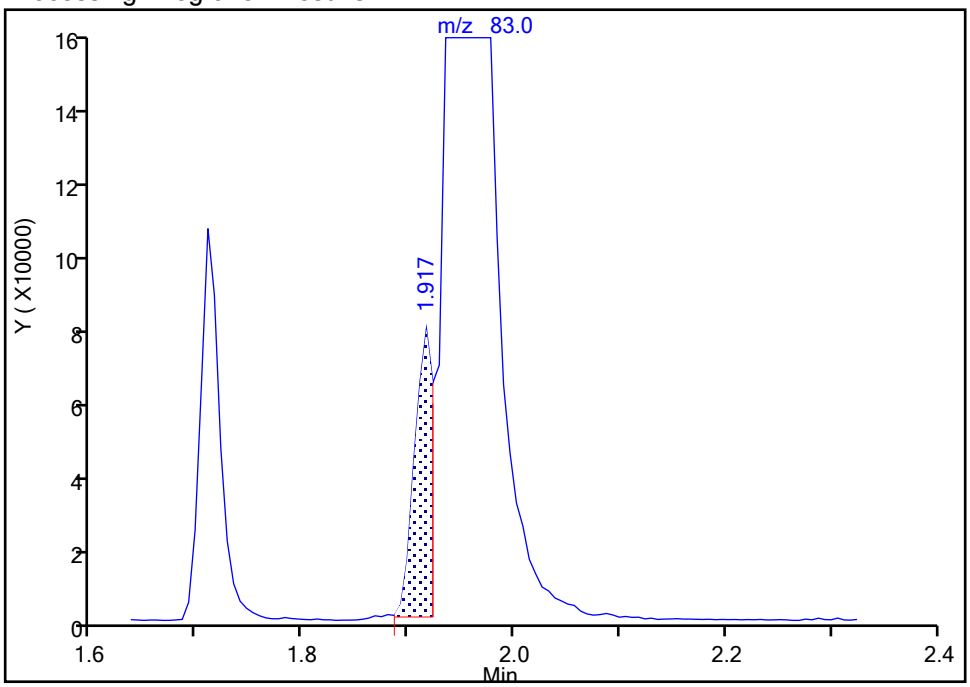
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02060.D
Injection Date: 14-Mar-2024 14:01:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

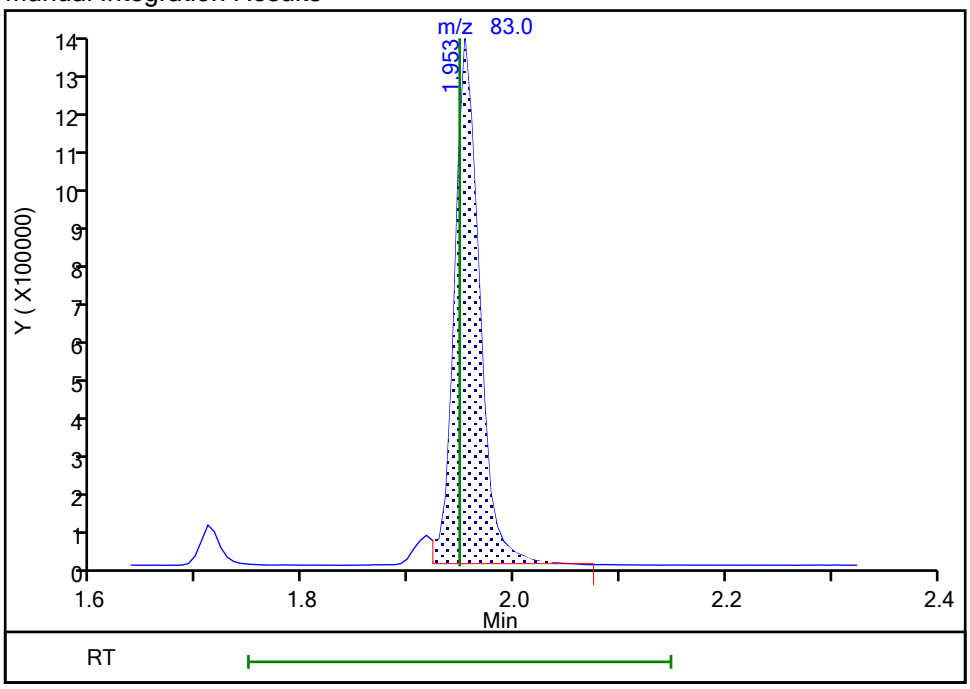
Processing Integration Results

RT: 1.92
Area: 95760
Amount: 25.057568
Amount Units: ug/l



Manual Integration Results

RT: 1.95
Area: 2242601
Amount: 494.2683
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:48:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

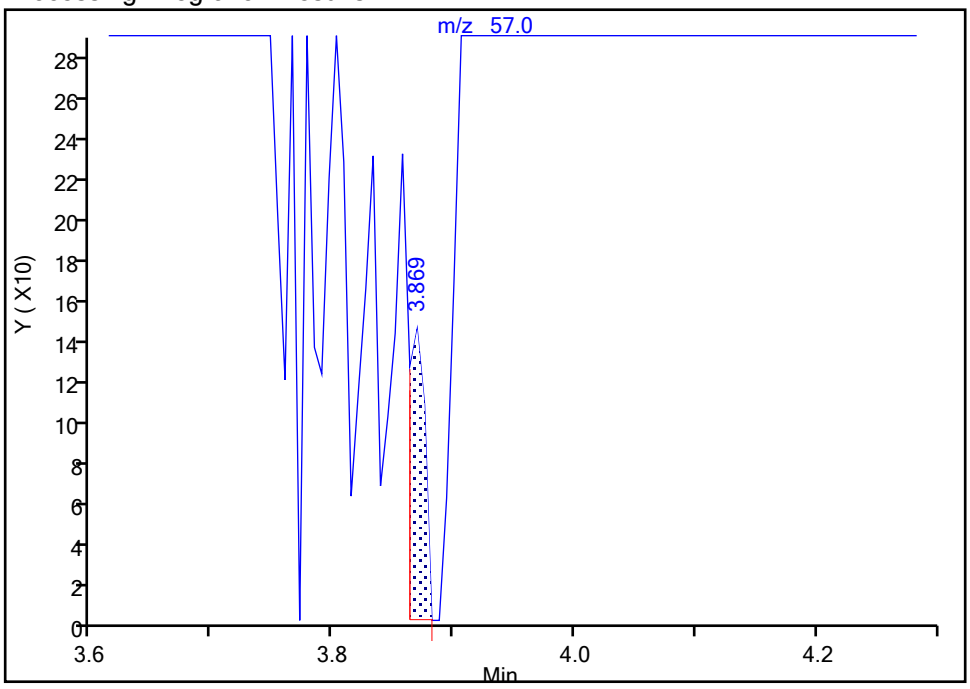
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02060.D
Injection Date: 14-Mar-2024 14:01:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Signal: 1

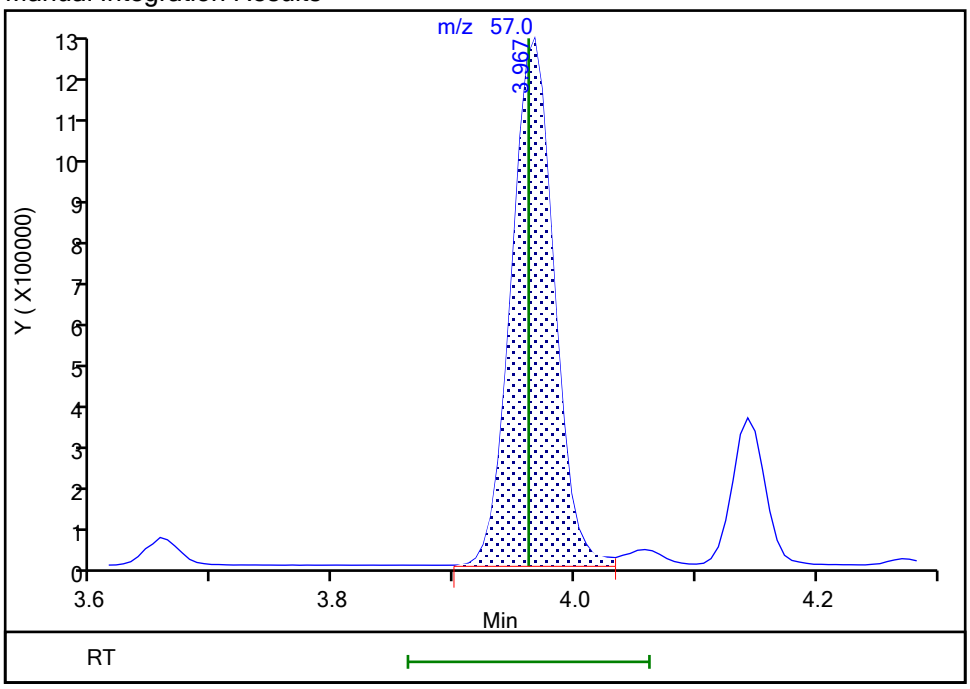
Processing Integration Results

RT: 3.87
Area: 136
Amount: 0.028506
Amount Units: ug/l



Manual Integration Results

RT: 3.97
Area: 2993740
Amount: 521.5275
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:48:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

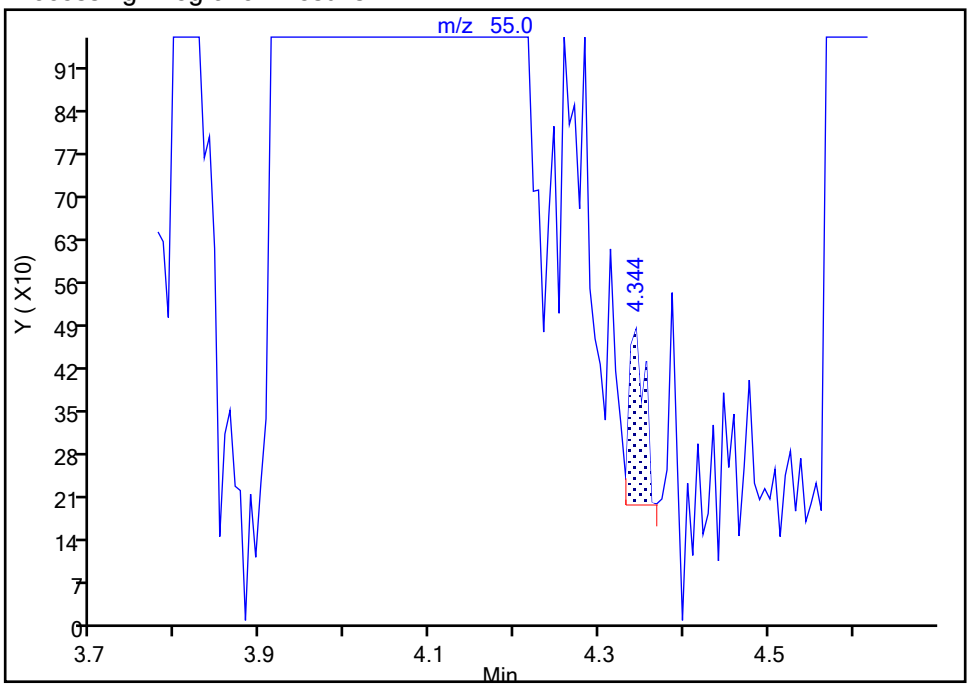
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02060.D
Injection Date: 14-Mar-2024 14:01:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

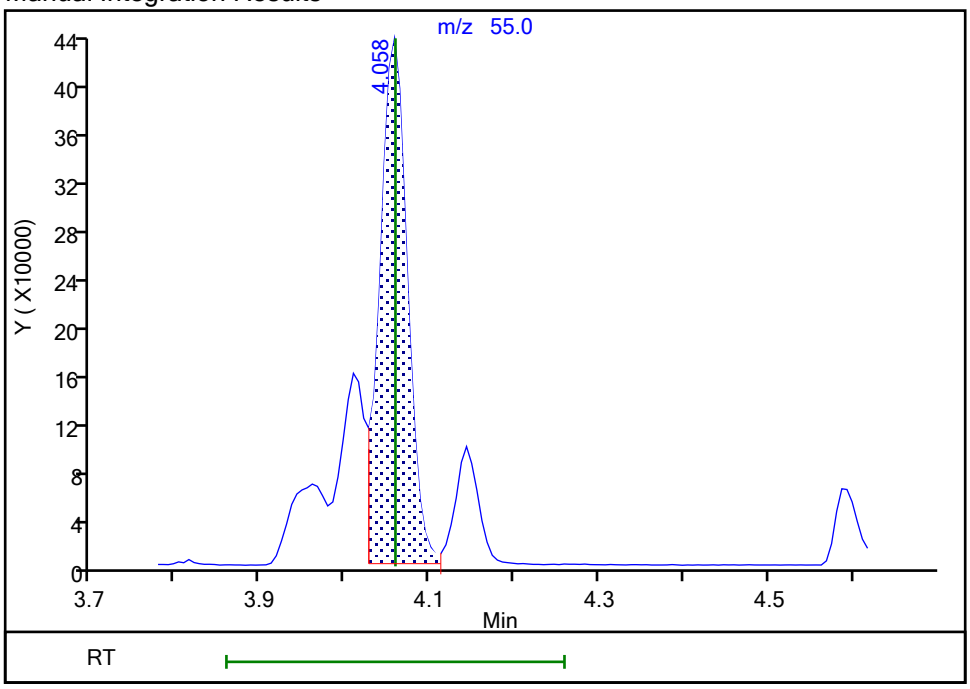
Processing Integration Results

RT: 4.34
Area: 363
Amount: 0.178778
Amount Units: ug/l



Manual Integration Results

RT: 4.06
Area: 995845
Amount: 521.2626
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:48:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

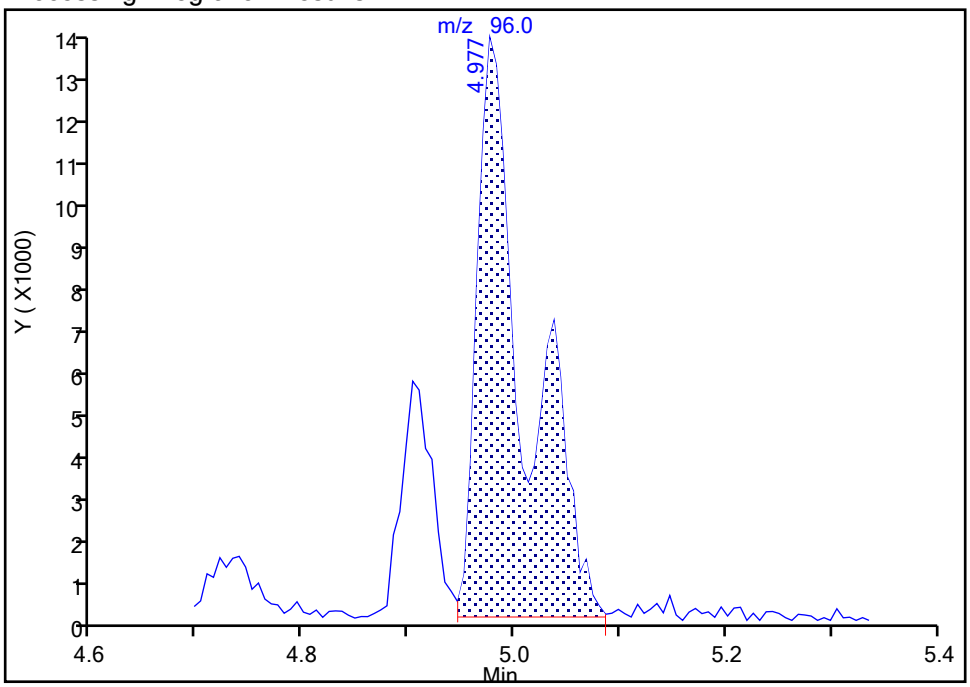
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02060.D
Injection Date: 14-Mar-2024 14:01:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

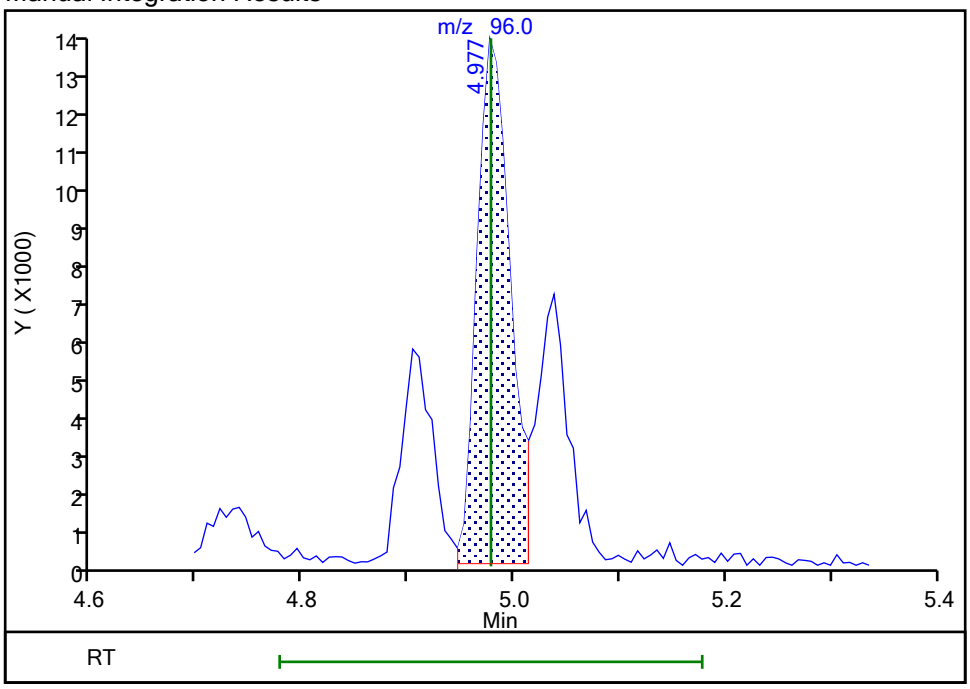
Processing Integration Results

RT: 4.98
Area: 43960
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.98
Area: 30249
Amount: 1000.0000
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:01:40 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison

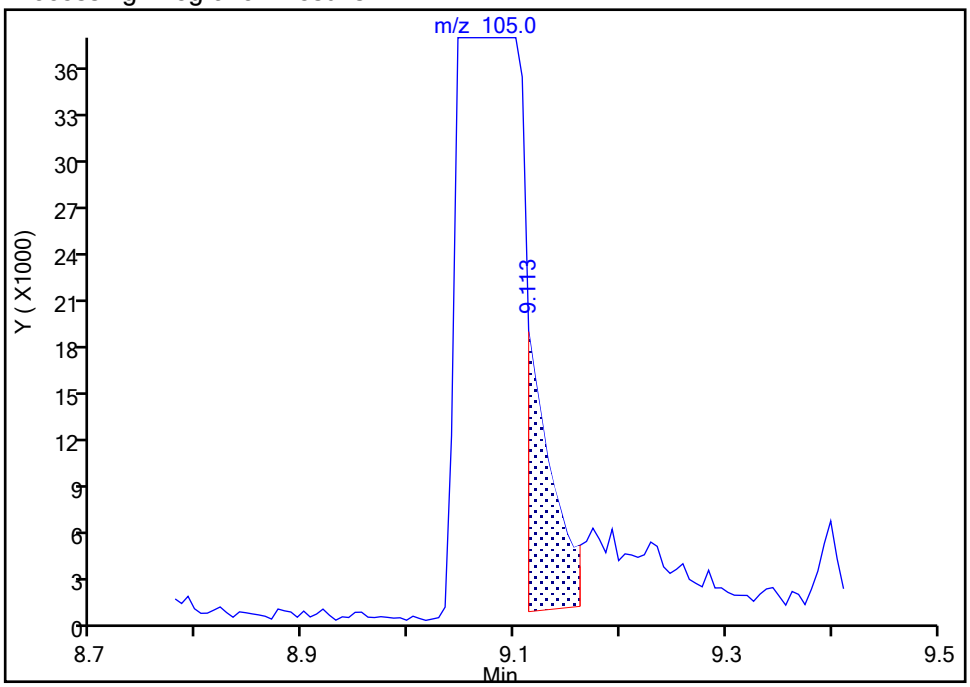
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02060.D
Injection Date: 14-Mar-2024 14:01:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

104 Isopropylbenzene, CAS: 98-82-8

Signal: 1

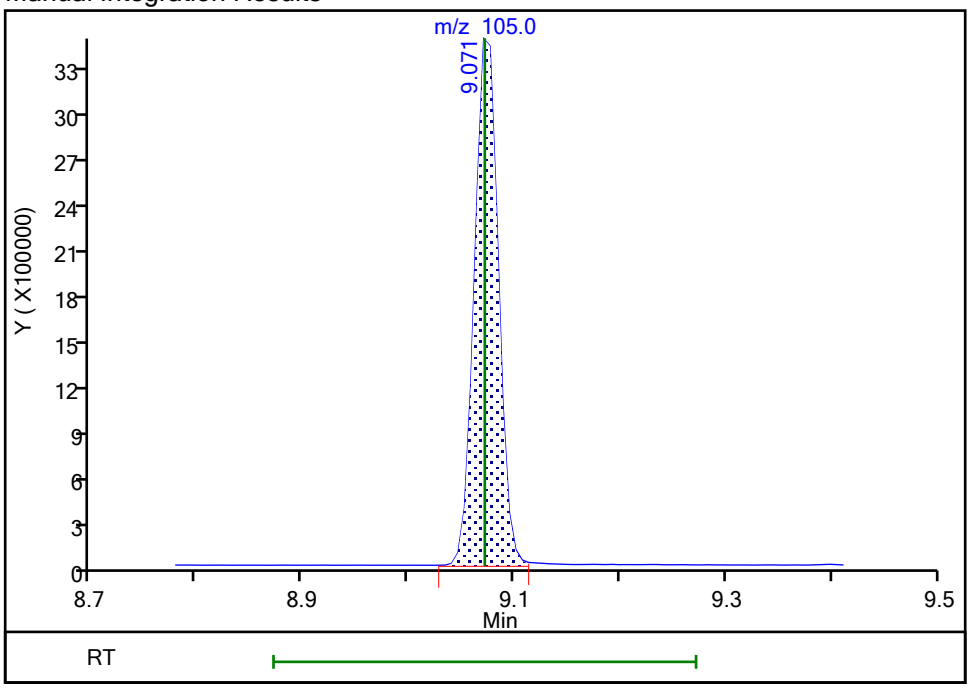
Processing Integration Results

RT: 9.11
Area: 29304
Amount: 3.310097
Amount Units: ug/l



Manual Integration Results

RT: 9.07
Area: 5383753
Amount: 506.0998
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:48:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

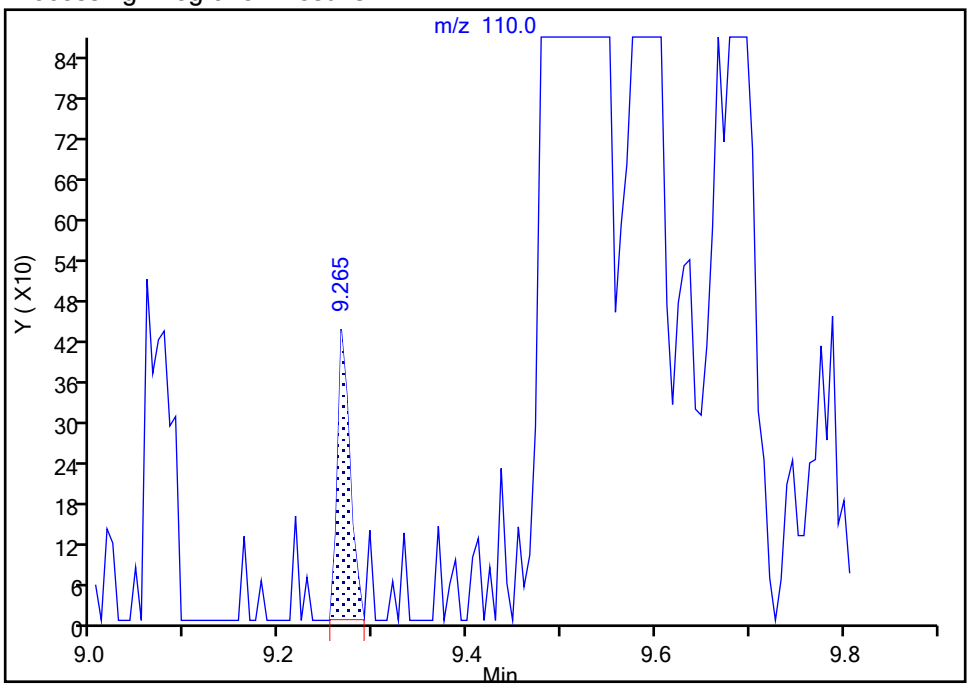
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02060.D
Injection Date: 14-Mar-2024 14:01:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

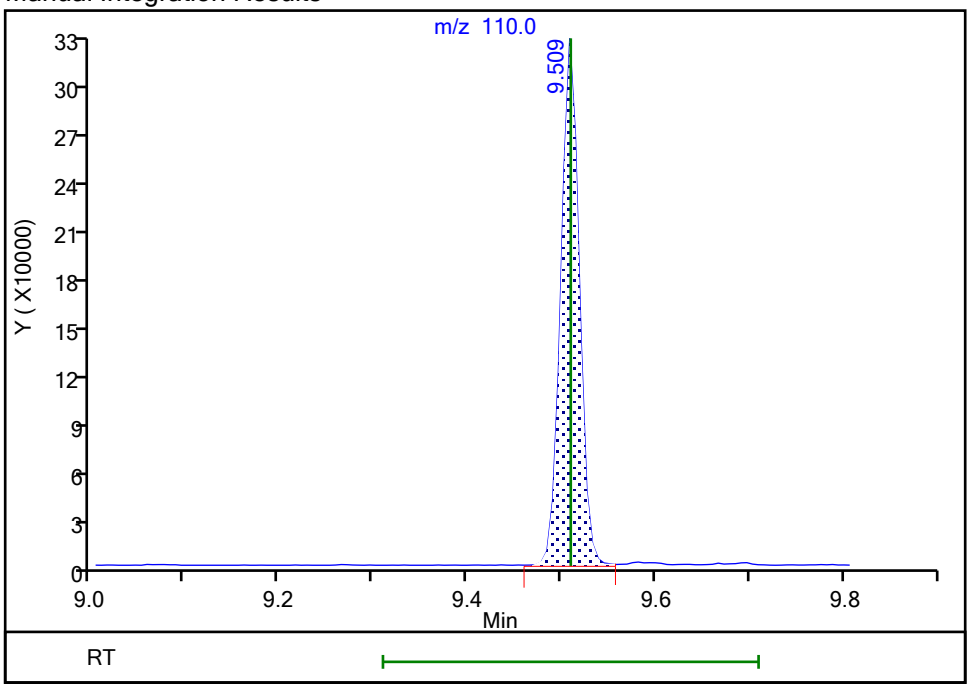
Processing Integration Results

RT: 9.27
Area: 403
Amount: 0.483135
Amount Units: ug/l



Manual Integration Results

RT: 9.51
Area: 438479
Amount: 447.3539
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:48:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

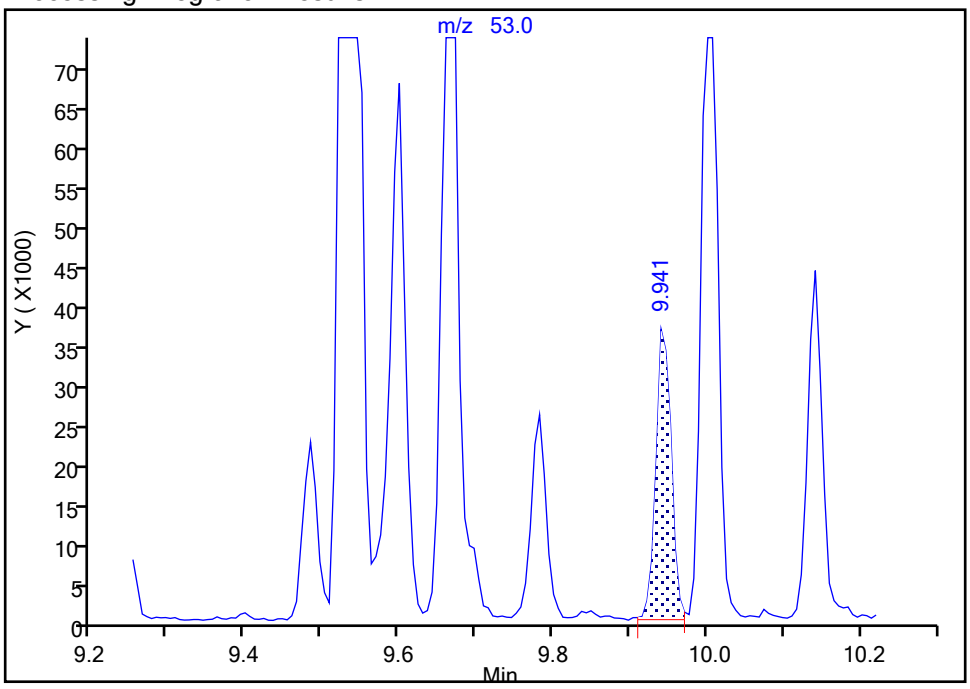
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02060.D
Injection Date: 14-Mar-2024 14:01:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

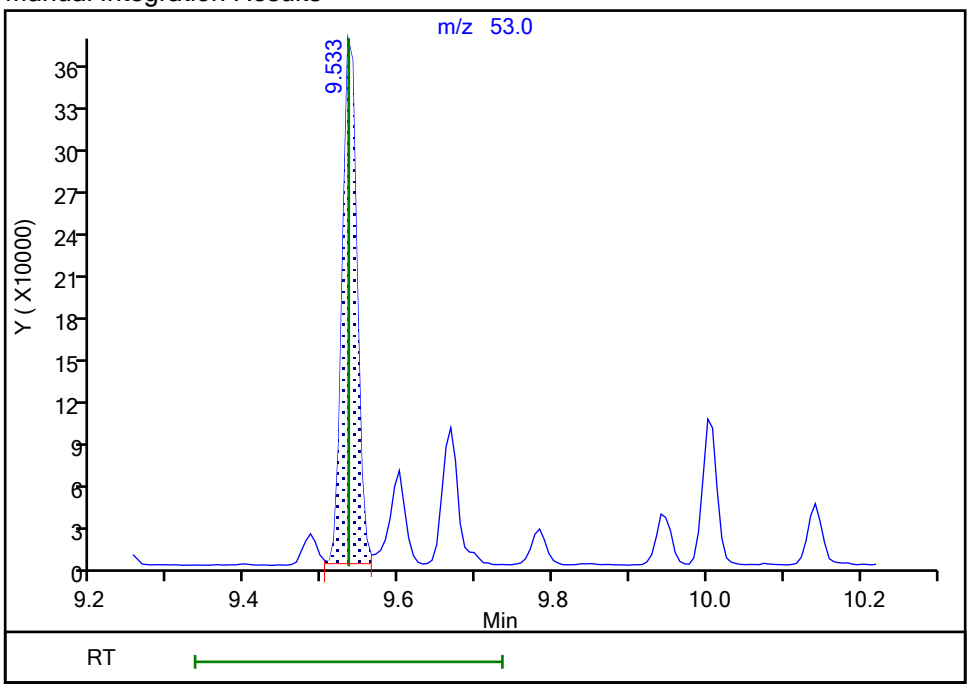
Processing Integration Results

RT: 9.94
Area: 50993
Amount: 87.117970
Amount Units: ug/l



Manual Integration Results

RT: 9.53
Area: 507308
Amount: 499.5422
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:51:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

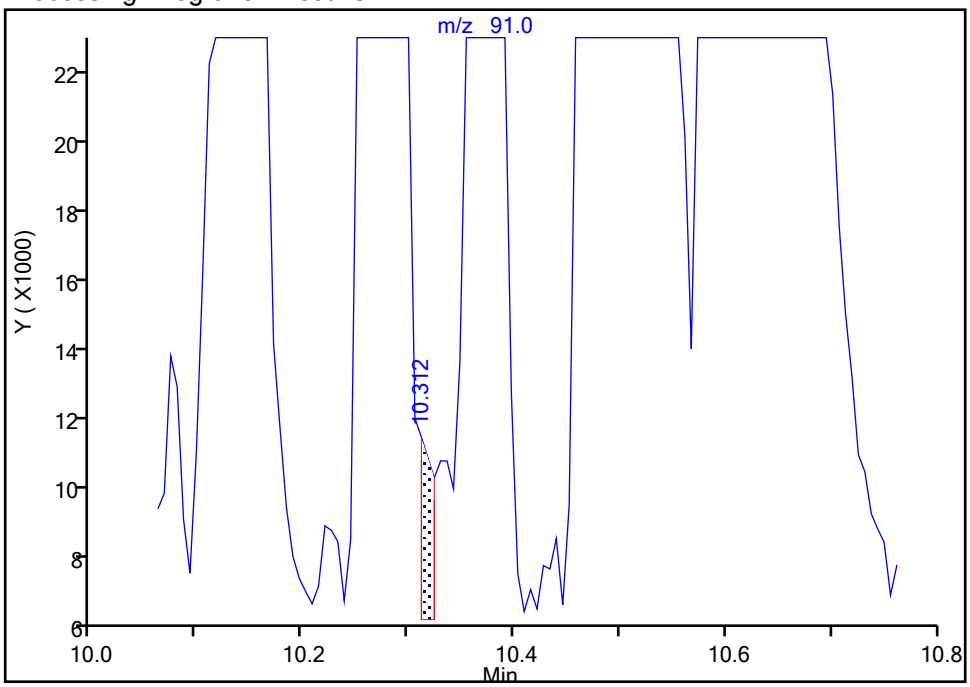
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02060.D
Injection Date: 14-Mar-2024 14:01:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Signal: 1

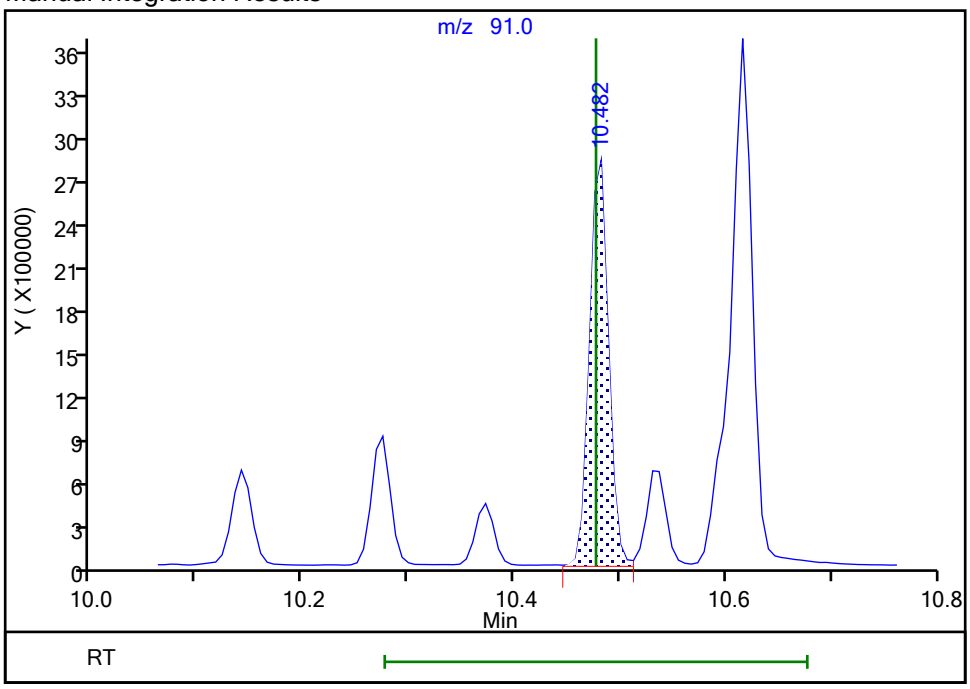
Processing Integration Results

RT: 10.31
Area: 5112
Amount: 1.026038
Amount Units: ug/l



Manual Integration Results

RT: 10.48
Area: 3533537
Amount: 573.7737
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:49:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

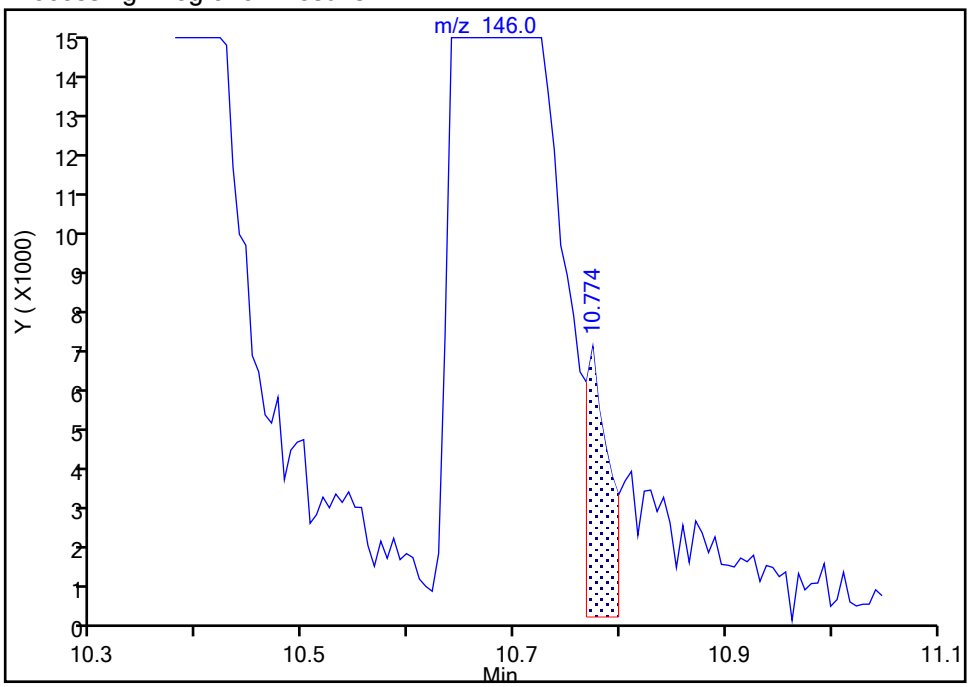
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02060.D
Injection Date: 14-Mar-2024 14:01:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

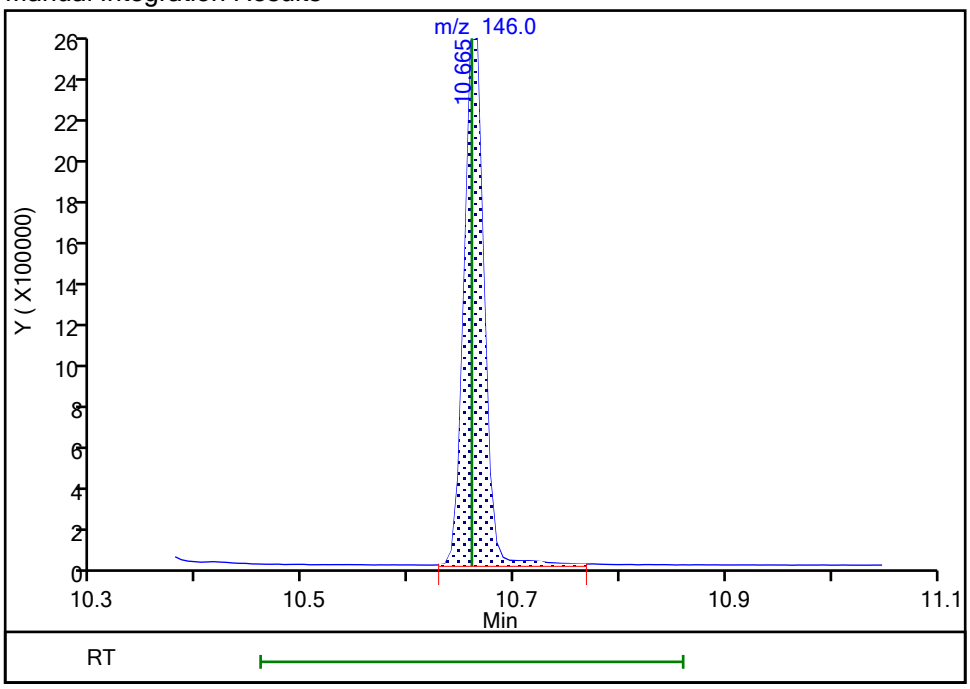
Processing Integration Results

RT: 10.77
Area: 9922
Amount: 1.872732
Amount Units: ug/l



Manual Integration Results

RT: 10.66
Area: 3329345
Amount: 519.8352
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:49:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 14-Mar-2024 17:38:30 ALS Bottle#: 16 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0173383-018
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2024 19:54:31 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: HVW2 Date: 14-Mar-2024 17:59:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.119	1.121	-0.002	97	12195	50.0	71.6	
4 Dichlorodifluoromethane	85	1.143	1.145	-0.002	100	188314	50.0	50.9	
5 Chlorodifluoromethane	67	1.155	1.157	-0.002	99	29704	50.0	52.7	
6 Chloromethane	50	1.265	1.267	-0.002	100	200811	50.0	53.5	
7 Vinyl chloride	62	1.332	1.328	0.004	99	167624	50.0	53.3	
8 Butadiene	54	1.344	1.340	0.004	96	157168	50.0	51.2	
9 Bromomethane	94	1.533	1.534	-0.001	98	91024	50.0	50.2	
10 Chloroethane	64	1.593	1.589	0.004	98	74651	50.0	49.3	
12 Dichlorofluoromethane	67	1.709	1.711	-0.002	99	234704	50.0	48.0	
11 Trichlorofluoromethane	101	1.721	1.717	0.004	98	221595	50.0	52.4	
13 Pentane	43	1.752	1.747	0.005	95	392815	100.0	108.1	
14 Ethanol	46	1.849	1.845	0.004	96	11296	2000.0	2469.3	
15 Ethyl ether	59	1.885	1.887	-0.002	95	79875	50.0	47.1	
16 2-Methyl-1,3-butadiene	53	1.904	1.899	0.005	99	109524	50.0	51.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.916	1.912	0.004	94	92742	50.0	45.6	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.952	1.948	0.004	98	157157	50.0	43.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.007	2.009	-0.002	98	136866	50.0	54.6	
19 Acrolein	56	2.013	2.015	-0.002	96	29076	100.0	112.2	
21 1,1-Dichloroethene	96	2.044	2.039	0.005	98	101009	50.0	47.0	
22 Acetone	43	2.104	2.100	0.004	84	150835	250.0	256.3	
23 Iodomethane	142	2.165	2.155	0.010	98	128786	50.0	53.7	
25 Isopropyl alcohol	45	2.165	2.161	0.004	48	40525	500.0	532.5	
24 Carbon disulfide	76	2.190	2.185	0.005	99	487218	50.0	55.5	
26 3-Chloro-1-propene	76	2.281	2.277	0.004	95	54900	50.0	43.7	
28 Methyl acetate	43	2.287	2.283	0.004	100	85494	100.0	84.4	
27 Cyclopentene	67	2.299	2.295	0.004	95	171758	50.0	39.8	
29 Acetonitrile	41	2.330	2.325	0.005	96	119525	500.0	601.2	
* 30 TBA-d9 (IS)	65	2.360	2.362	-0.002	77	123327	1000.0	1000.0	
31 Methylene Chloride	84	2.384	2.380	0.004	94	86110	50.0	38.3	
32 2-Methyl-2-propanol	59	2.421	2.416	0.005	99	40817	500.0	412.1	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.506	2.502	0.004	96	163885	50.0	35.0	
34 trans-1,2-Dichloroethene	96	2.530	2.526	0.004	95	85604	50.0	36.9	
35 Acrylonitrile	53	2.585	2.581	0.004	92	256127	500.0	520.9	
36 Hexane	57	2.646	2.648	-0.002	91	87620	50.0	44.5	
37 Isopropyl ether	45	2.816	2.818	-0.002	98	223959	50.0	38.1	
38 1,1-Dichloroethane	63	2.853	2.848	0.005	99	171265	50.0	39.6	
39 Vinyl acetate	43	2.859	2.854	0.005	100	264295	100.0	70.3	
40 2-Chloro-1,3-butadiene	88	2.889	2.891	-0.002	92	82014	50.0	44.2	
41 Tert-butyl ethyl ether	59	3.084	3.086	-0.002	87	308913	50.0	46.7	
* 43 2-Butanone-d5	46	3.266	3.262	0.004	83	280240	250.0	250.0	
42 2,2-Dichloropropane	79	3.272	3.274	-0.002	95	77316	50.0	49.0	
44 cis-1,2-Dichloroethene	96	3.297	3.299	-0.002	96	146789	50.0	45.7	
45 Ethyl acetate	70	3.315	3.311	0.004	96	19222	100.0	94.1	
46 2-Butanone (MEK)	72	3.315	3.311	0.004	95	53413	250.0	242.8	
47 Methyl acrylate	55	3.364	3.359	0.005	100	84766	50.0	44.0	
48 Propionitrile	54	3.431	3.426	0.005	97	159919	500.0	631.1	
50 Chlorobromomethane	128	3.498	3.493	0.005	92	81573	50.0	48.8	
49 Tetrahydrofuran	72	3.504	3.505	-0.001	45	23476	100.0	101.5	
51 Methacrylonitrile	67	3.522	3.518	0.004	94	450724	500.0	479.2	
52 Chloroform	83	3.546	3.542	0.004	98	268236	50.0	48.4	
53 Cyclohexane	84	3.662	3.657	0.005	96	182763	50.0	51.9	
54 1,1,1-Trichloroethane	97	3.674	3.670	0.004	98	244532	50.0	51.9	
$ 55 Dibromofluoromethane (Surr)	113	3.692	3.688	0.004	96	168619	50.0	49.1	
56 Carbon tetrachloride	117	3.783	3.779	0.004	99	207195	50.0	52.5	
57 1,1-Dichloropropene	75	3.814	3.810	0.004	96	191475	50.0	51.0	
58 Isobutyl alcohol	43	3.942	3.943	-0.001	94	140424	1250.0	1573.9	
59 Isooctane	57	3.966	3.962	0.004	97	229498	50.0	50.4	a
60 Benzene	78	3.996	3.998	-0.002	97	577901	50.0	51.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.015	4.016	-0.001	0	170640	50.0	49.9	
62 Isopropyl acetate	43	4.057	4.053	0.004	92	259410	50.0	43.0	
63 Tert-amyl methyl ether	55	4.057	4.059	-0.002	84	71617	50.0	44.5	a
64 1,2-Dichloroethane	62	4.088	4.083	0.005	97	194524	50.0	47.7	
65 n-Heptane	57	4.142	4.144	-0.002	94	52092	50.0	49.4	
* 66 Fluorobenzene	96	4.276	4.272	0.004	99	645225	50.0	50.0	
67 n-Butanol	56	4.599	4.600	-0.001	97	41071	1250.0	1523.8	
68 Trichloroethene	95	4.623	4.619	0.004	98	146465	50.0	49.6	
69 Methylcyclohexane	83	4.739	4.740	-0.001	91	156329	50.0	49.1	
70 Ethyl acrylate	55	4.745	4.746	-0.001	97	251319	50.0	48.7	
71 1,2-Dichloropropane	63	4.909	4.905	0.004	90	137863	50.0	48.0	
* 72 1,4-Dioxane-d8	96	4.982	4.978	0.004	0	30441	1000.0	1000.0	
73 Methyl methacrylate	100	5.000	4.996	0.004	93	48262	100.0	94.1	
75 1,4-Dioxane	88	5.031	5.026	0.005	40	19235	1000.0	766.9	
74 Dibromomethane	93	5.043	5.045	-0.001	96	104493	50.0	49.2	
76 n-Propyl acetate	43	5.061	5.063	-0.002	98	130958	50.0	46.3	
77 Dichlorobromomethane	83	5.201	5.203	-0.002	99	206918	50.0	50.1	
78 2-Nitropropane	41	5.548	5.543	0.005	95	54285	100.0	109.3	
79 2-Chloroethyl vinyl ether	63	5.566	5.562	0.004	92	45008	50.1	53.2	
80 Epichlorohydrin	57	5.669	5.665	0.004	99	198337	1000.0	1102.9	
81 cis-1,3-Dichloropropene	75	5.724	5.720	0.004	94	220256	50.0	47.0	
82 4-Methyl-2-pentanone (MIBK)	43	5.907	5.902	0.005	98	471438	250.0	261.1	
$ 83 Toluene-d8 (Surr)	98	5.980	5.975	0.005	99	522641	50.0	51.5	
84 Toluene	91	6.059	6.054	0.005	93	547689	50.0	49.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.460	6.462	-0.002	98	199159	50.0	48.4	
86 Ethyl methacrylate	69	6.503	6.505	-0.002	92	121242	50.0	50.0	
87 1,1,2-Trichloroethane	83	6.691	6.687	0.004	96	106920	50.0	47.3	
88 Tetrachloroethene	166	6.728	6.724	0.004	98	146778	50.0	50.4	
89 1,3-Dichloropropane	76	6.916	6.918	-0.002	95	184350	50.0	47.6	
90 2-Hexanone	58	7.014	7.009	0.005	98	184552	250.0	282.8	
91 n-Butyl acetate	43	7.154	7.155	-0.001	97	161299	50.0	51.3	
92 Chlorodibromomethane	129	7.178	7.168	0.010	98	154314	50.0	48.2	
93 Ethylene Dibromide	107	7.330	7.332	-0.002	98	139312	50.0	48.7	
* 94 Chlorobenzene-d5	117	7.932	7.928	0.004	86	492181	50.0	50.0	
95 Chlorobenzene	112	7.969	7.965	0.004	96	373440	50.0	50.7	
96 Ethylbenzene	106	8.078	8.080	-0.002	99	185528	50.0	53.1	
97 1,1,1,2-Tetrachloroethane	131	8.097	8.092	0.005	96	127091	50.0	47.1	
98 m-Xylene & p-Xylene	106	8.230	8.232	-0.002	0	229787	50.0	54.3	
99 o-Xylene	106	8.693	8.689	0.005	94	219281	50.0	52.4	
100 n-Butyl acrylate	73	8.711	8.707	0.004	97	89518	50.0	55.6	
101 Styrene	104	8.723	8.725	-0.002	95	394002	50.0	56.0	
103 Bromoform	173	8.936	8.938	-0.002	96	108999	50.0	49.7	
102 Amyl acetate (mixed isomers)	43	8.960	8.956	0.004	88	194319	50.0	50.5	
104 Isopropylbenzene	105	9.076	9.072	0.004	96	542315	50.0	55.4	a
$ 105 4-Bromofluorobenzene	174	9.277	9.273	0.004	95	202377	50.0	54.3	
106 Bromobenzene	156	9.399	9.400	-0.002	92	179532	50.0	49.7	
107 1,1,2,2-Tetrachloroethane	83	9.472	9.473	-0.001	98	159132	50.0	44.8	
108 N-Propylbenzene	91	9.490	9.485	0.005	99	659356	50.0	52.3	
109 1,2,3-Trichloropropane	110	9.508	9.510	-0.002	96	40596	50.0	43.8	a
110 trans-1,4-Dichloro-2-butene	53	9.538	9.534	0.004	90	43817	50.0	45.6	a
111 2-Chlorotoluene	91	9.581	9.583	-0.002	98	480044	50.0	53.0	
112 4-Ethyltoluene	105	9.599	9.595	0.004	98	547980	50.0	52.7	
113 1,3,5-Trimethylbenzene	105	9.666	9.668	-0.002	93	444028	50.0	51.4	
114 4-Chlorotoluene	91	9.697	9.692	0.005	96	468079	50.0	53.0	
115 Butyl Methacrylate	87	9.782	9.784	-0.002	93	144981	50.0	50.9	
116 tert-Butylbenzene	119	9.946	9.942	0.004	94	363628	50.0	51.3	
117 1,2,4-Trimethylbenzene	105	10.007	10.003	0.004	98	469576	50.0	51.2	
118 sec-Butylbenzene	105	10.141	10.142	-0.001	99	519725	50.0	52.5	
120 1,3-Dichlorobenzene	146	10.268	10.264	0.004	97	303139	50.0	49.3	
119 4-Isopropyltoluene	119	10.275	10.270	0.005	97	441944	50.0	52.0	
* 121 1,4-Dichlorobenzene-d4	152	10.329	10.331	-0.002	96	285793	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.348	10.349	-0.001	97	319961	50.0	48.3	
123 1,2,3-Trimethylbenzene	105	10.372	10.374	-0.002	98	513537	50.0	51.9	
124 Benzyl chloride	91	10.481	10.477	0.004	98	283425	50.0	48.7	a
125 2,3-Dihydroindene	117	10.536	10.532	0.004	94	519514	50.0	52.3	
126 p-Diethylbenzene	119	10.597	10.593	0.004	93	268695	50.0	51.7	
127 n-Butylbenzene	92	10.615	10.617	-0.002	98	224438	50.0	51.8	
128 1,2-Dichlorobenzene	146	10.664	10.660	0.004	97	302604	50.0	50.0	a
129 1,2,4,5-Tetramethylbenzene	119	11.224	11.219	0.005	98	418863	50.0	53.9	
130 1,2-Dibromo-3-Chloropropane	157	11.303	11.298	0.005	96	36313	50.0	47.7	
131 1,3,5-Trichlorobenzene	180	11.412	11.408	0.004	98	210012	50.0	50.7	
132 1,2,4-Trichlorobenzene	180	11.893	11.888	0.005	94	185058	50.0	48.7	
133 Hexachlorobutadiene	225	11.972	11.968	0.004	96	69119	50.0	46.9	
134 Naphthalene	128	12.075	12.071	0.004	99	419752	50.0	47.8	
135 1,2,3-Trichlorobenzene	180	12.246	12.247	-0.001	96	167137	50.0	48.2	
S 136 1,2-Dichloroethene, Total	100				0		100.0	82.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		100.0	106.7	
S 138 Total BTEX	1				0		250.0	260.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00015	Amount Added:	50.00	Units: uL	
ACROLEIN W_00166	Amount Added:	10.00	Units: uL	
GASES Li_00575	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00184	Amount Added:	50.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2024 19:54:31 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Injection Date: 14-Mar-2024 17:38:30 Instrument ID: CVOAMS8 Operator ID:

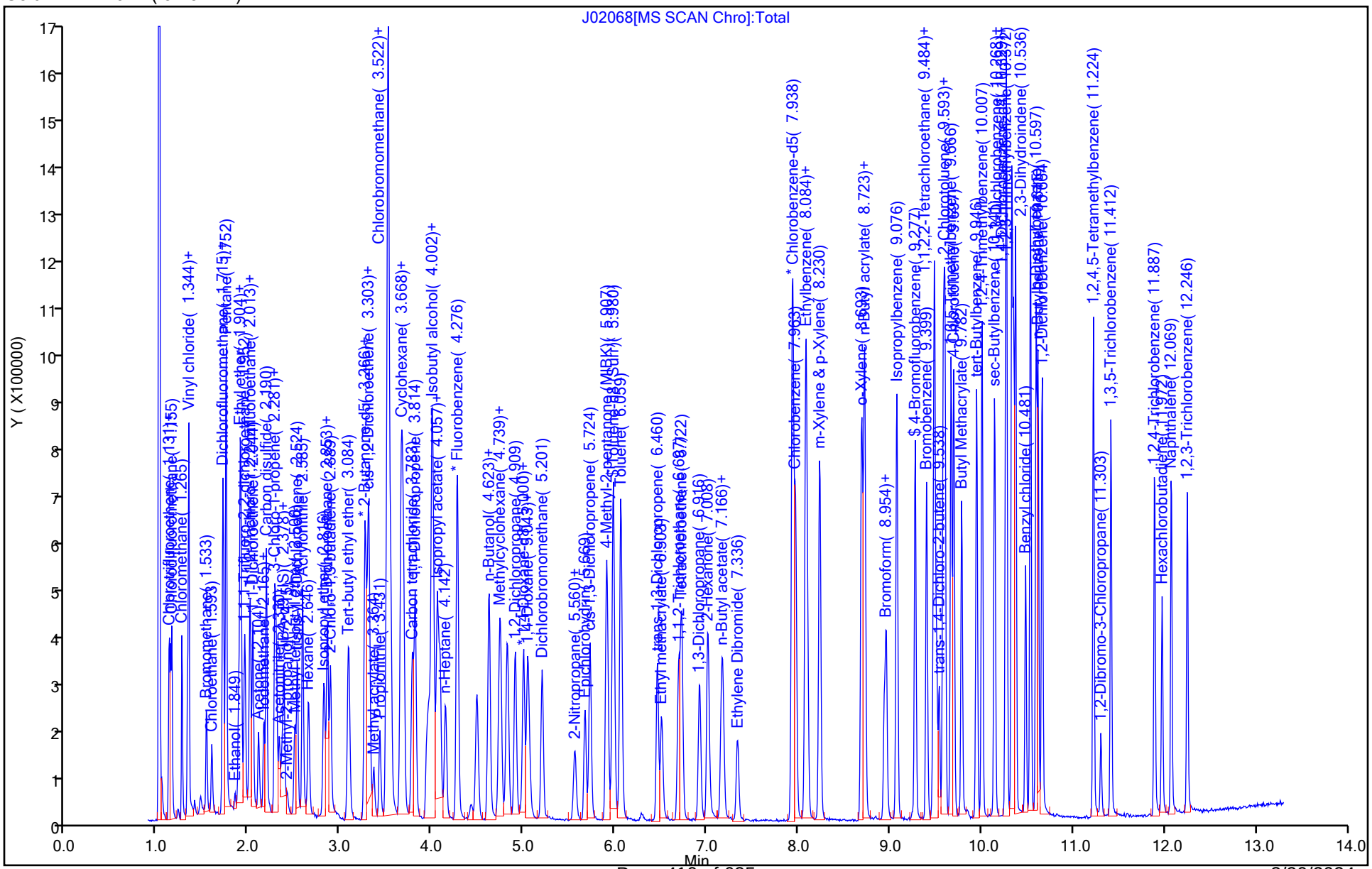
Lims ID: STD50 Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

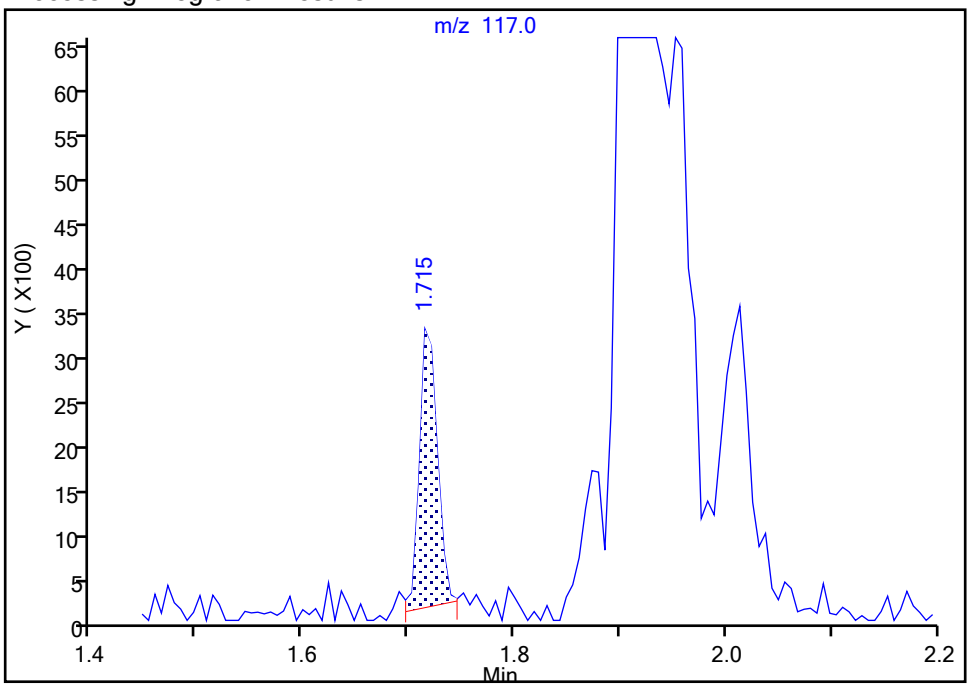
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D
Injection Date: 14-Mar-2024 17:38:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

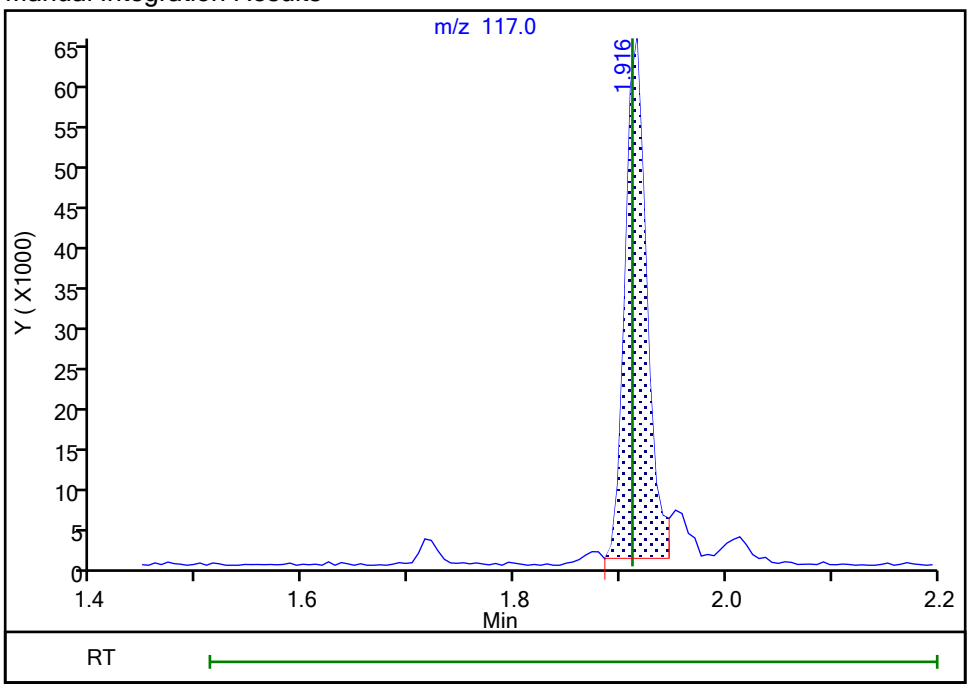
Processing Integration Results

RT: 1.72
Area: 3684
Amount: 2.576671
Amount Units: ug/l



Manual Integration Results

RT: 1.92
Area: 92742
Amount: 45.616073
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:52:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

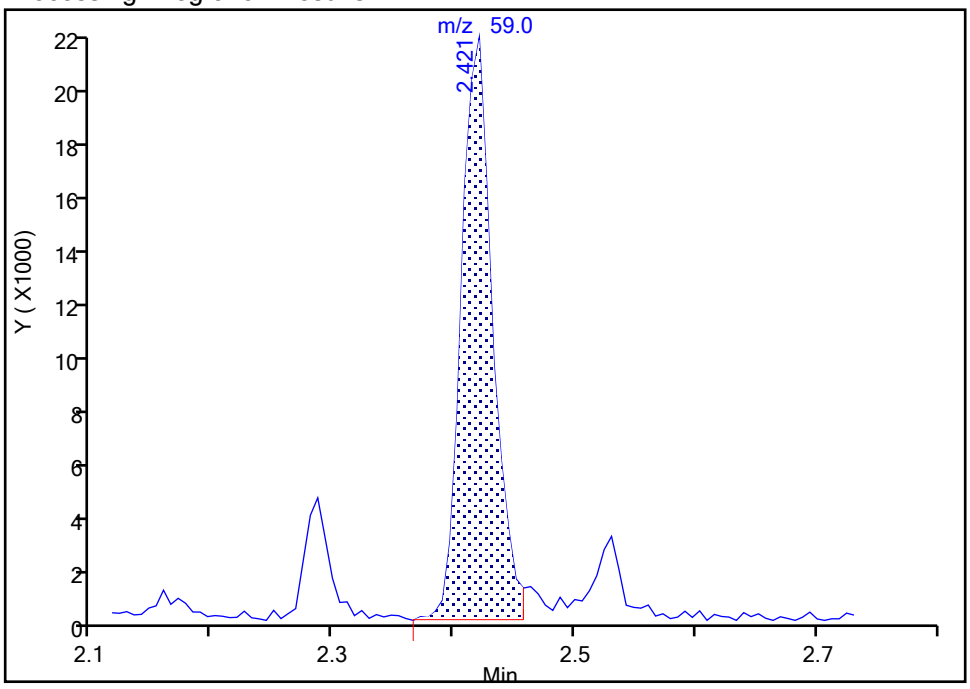
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D
Injection Date: 14-Mar-2024 17:38:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

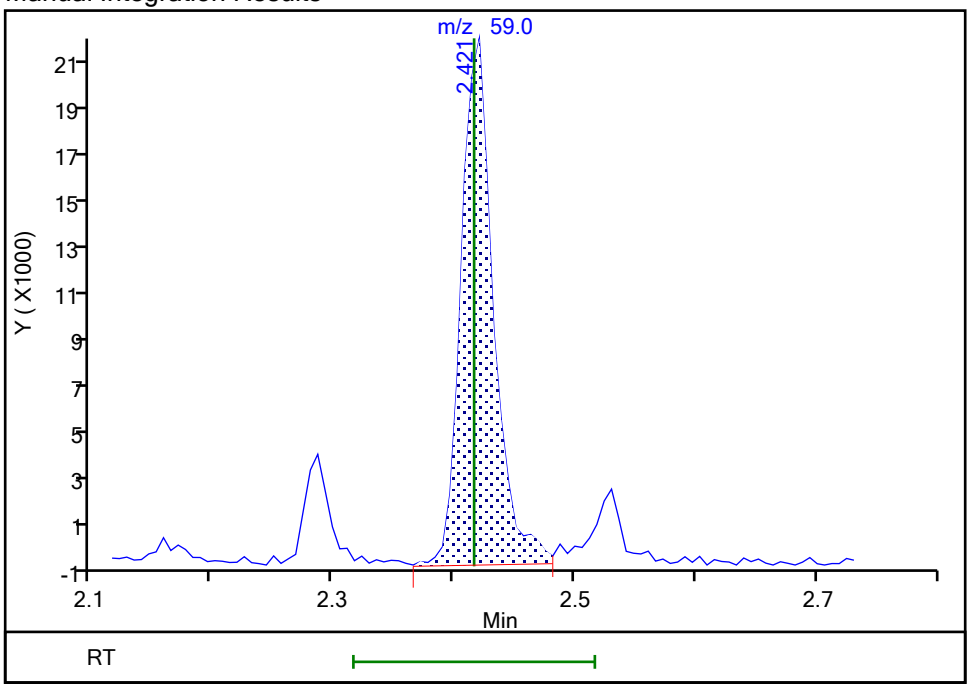
Processing Integration Results

RT: 2.42
Area: 39699
Amount: 474.6596
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 40817
Amount: 412.1449
Amount Units: ug/l



Reviewer: W9CM, 15-Mar-2024 19:29:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

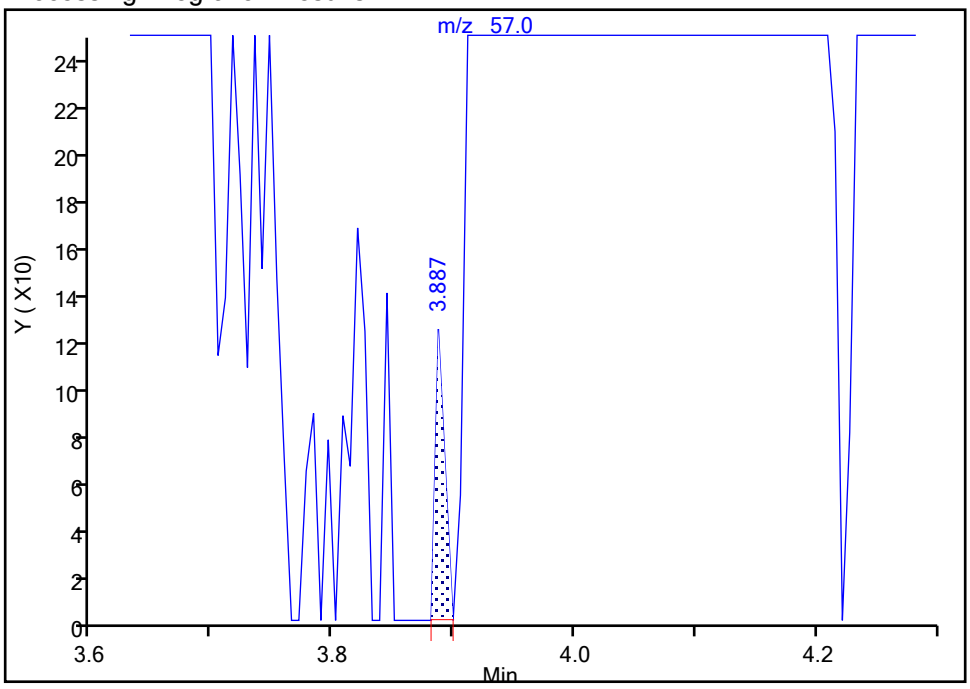
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D
Injection Date: 14-Mar-2024 17:38:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Signal: 1

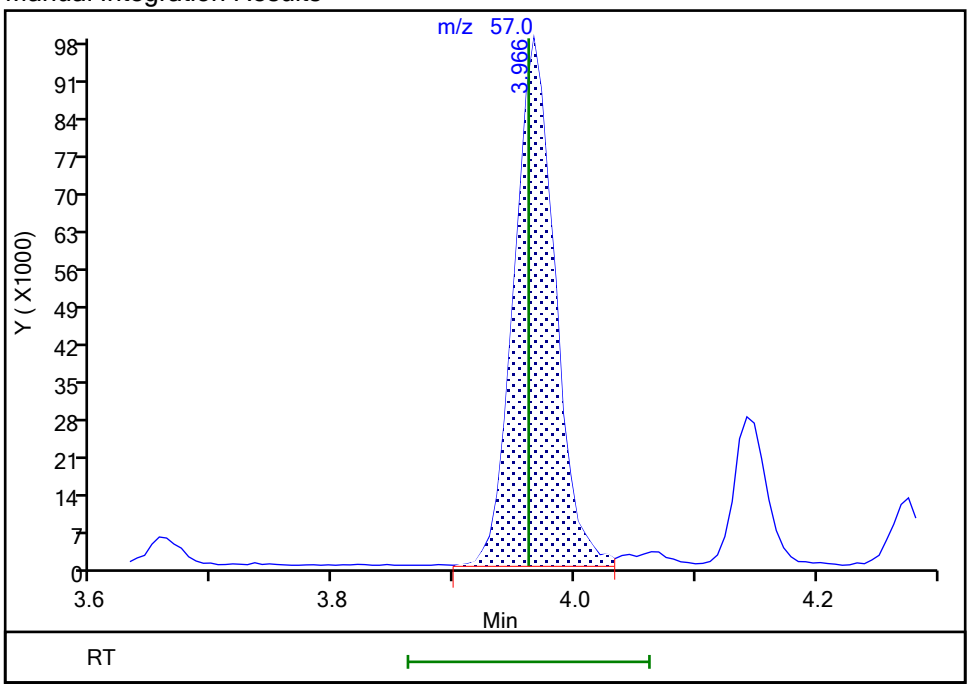
Processing Integration Results

RT: 3.89
Area: 66
Amount: 0.029011
Amount Units: ug/l



Manual Integration Results

RT: 3.97
Area: 229498
Amount: 50.398107
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 17:57:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

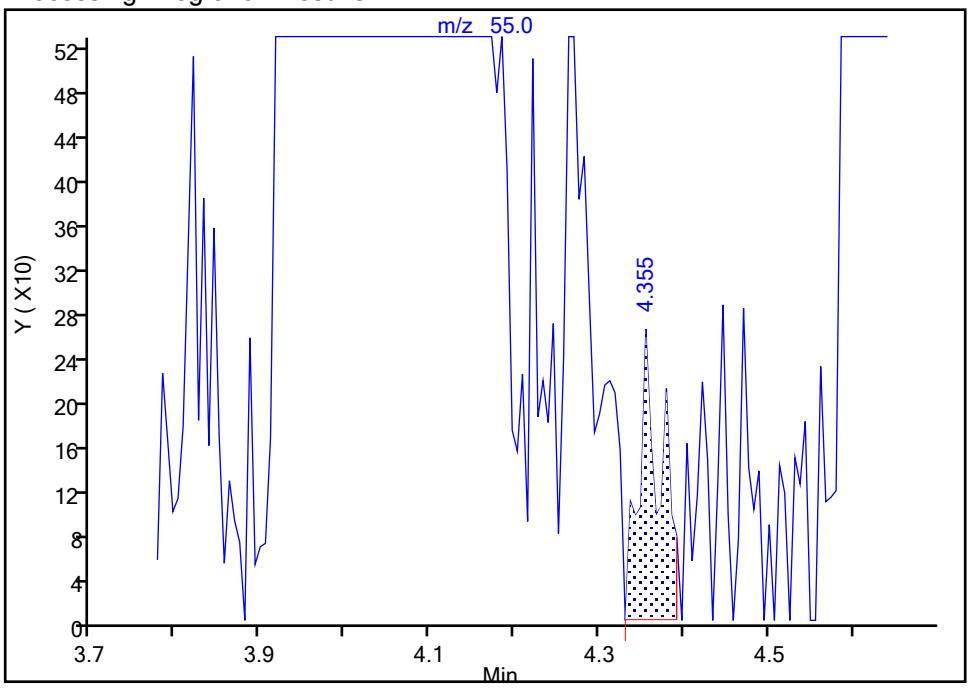
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D
Injection Date: 14-Mar-2024 17:38:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

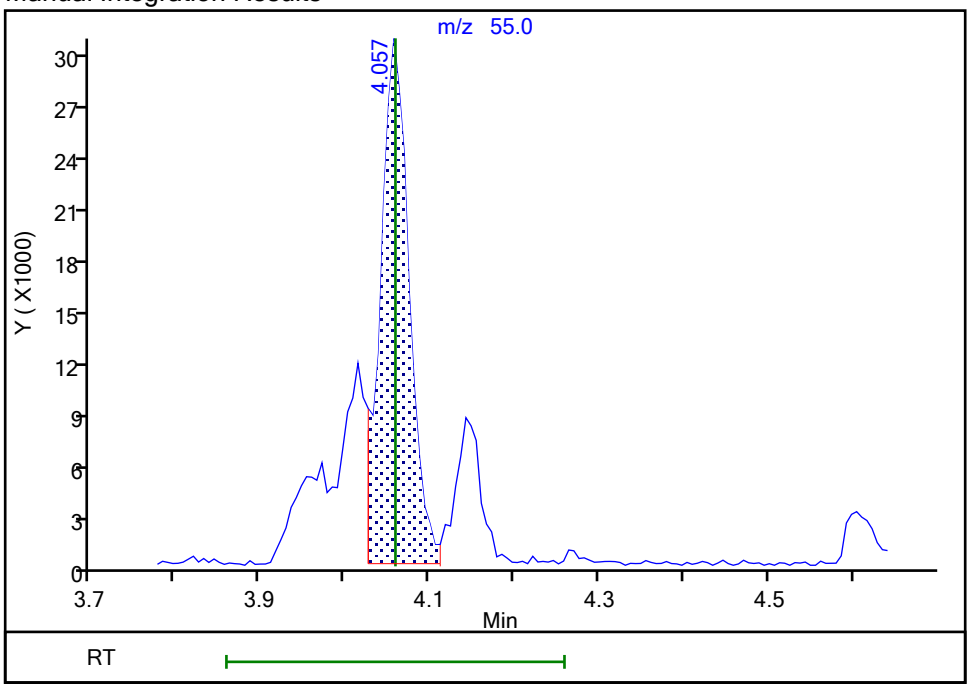
Processing Integration Results

RT: 4.36
Area: 481
Amount: 2.990782
Amount Units: ug/l



Manual Integration Results

RT: 4.06
Area: 71617
Amount: 44.511641
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 17:57:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

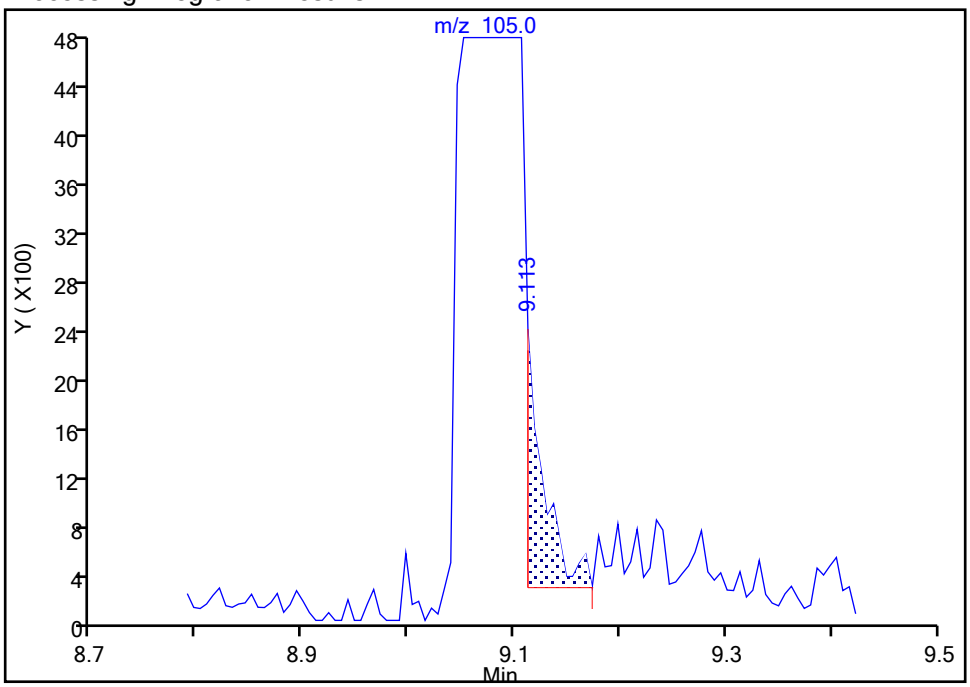
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D
Injection Date: 14-Mar-2024 17:38:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

104 Isopropylbenzene, CAS: 98-82-8

Signal: 1

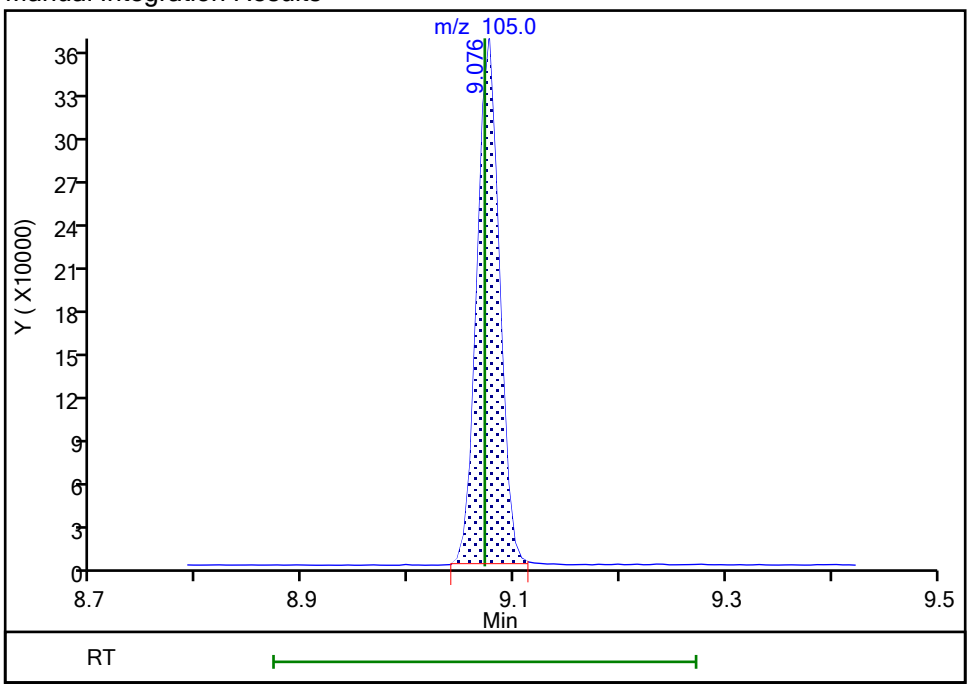
Processing Integration Results

RT: 9.11
Area: 2467
Amount: 0.828483
Amount Units: ug/l



Manual Integration Results

RT: 9.08
Area: 542315
Amount: 55.426006
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 17:58:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

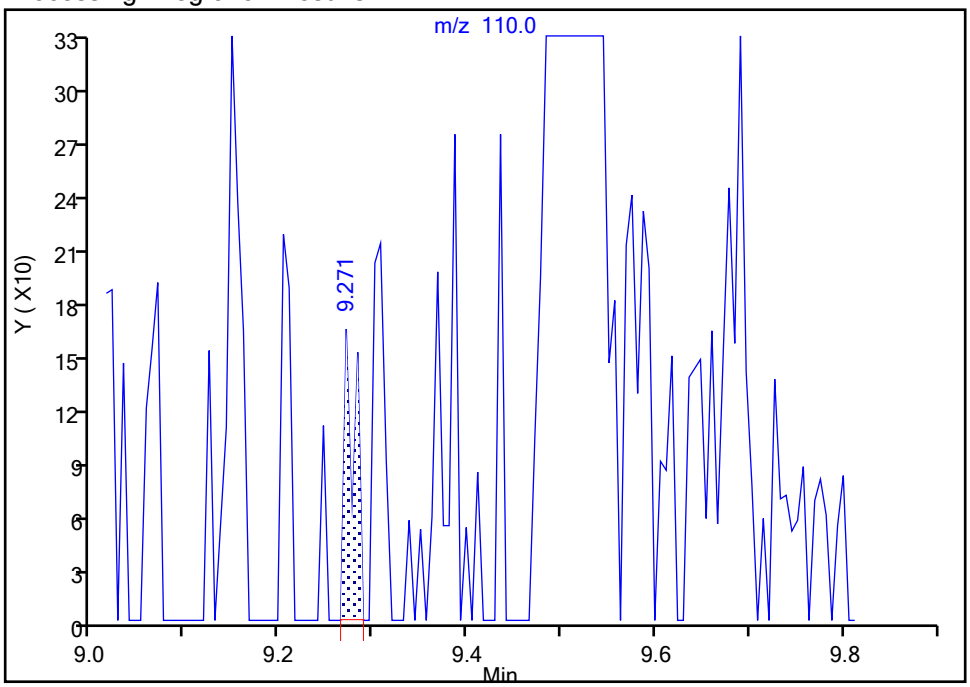
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D
Injection Date: 14-Mar-2024 17:38:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

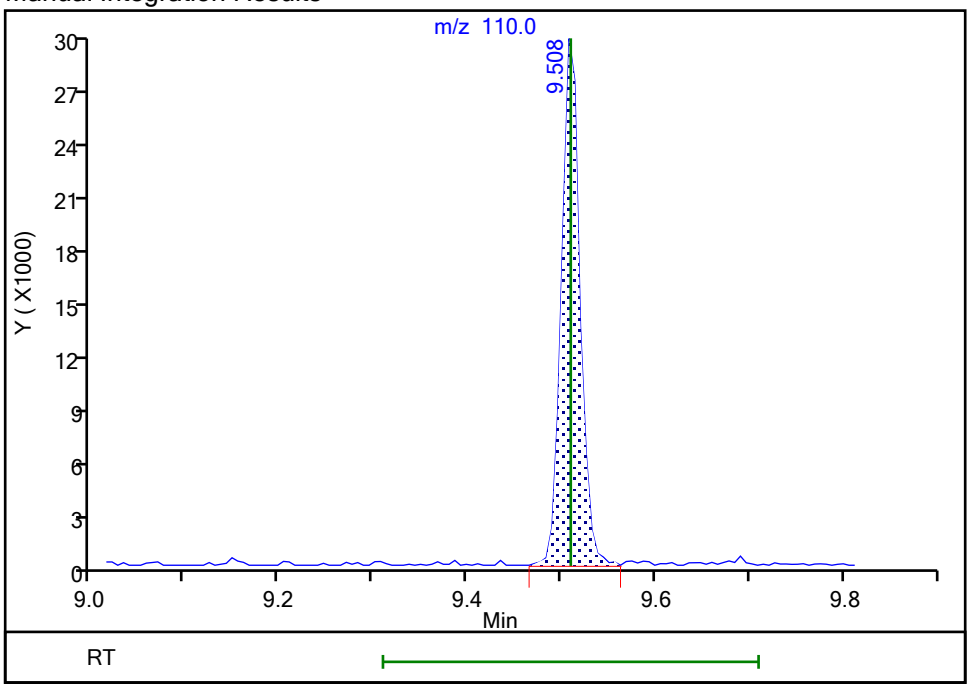
Processing Integration Results

RT: 9.27
Area: 135
Amount: 3.806462
Amount Units: ug/l



Manual Integration Results

RT: 9.51
Area: 40596
Amount: 43.801931
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 17:58:19 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

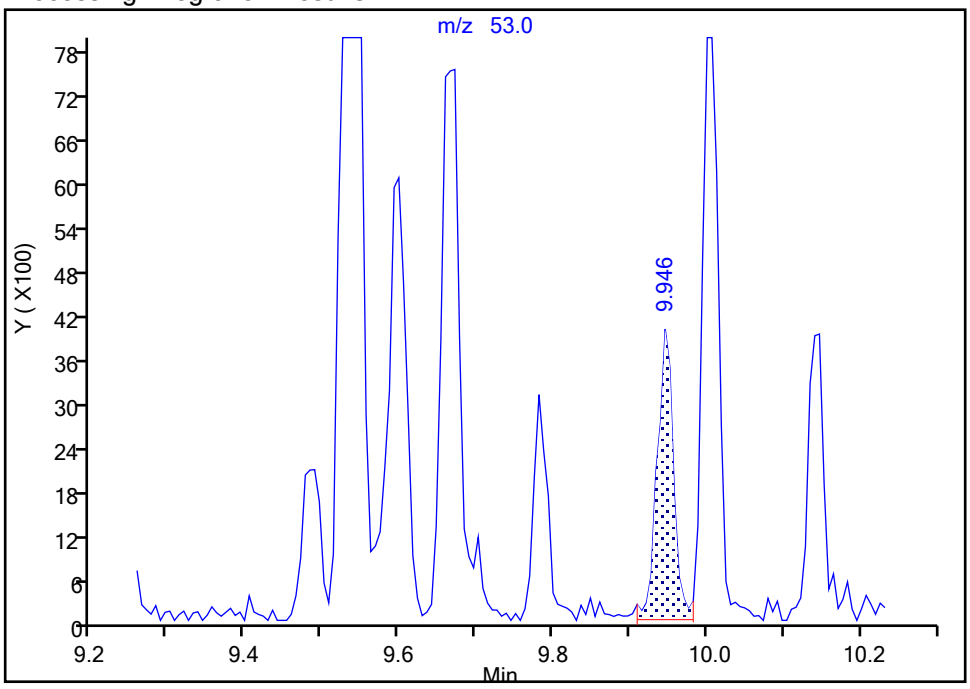
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D
Injection Date: 14-Mar-2024 17:38:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

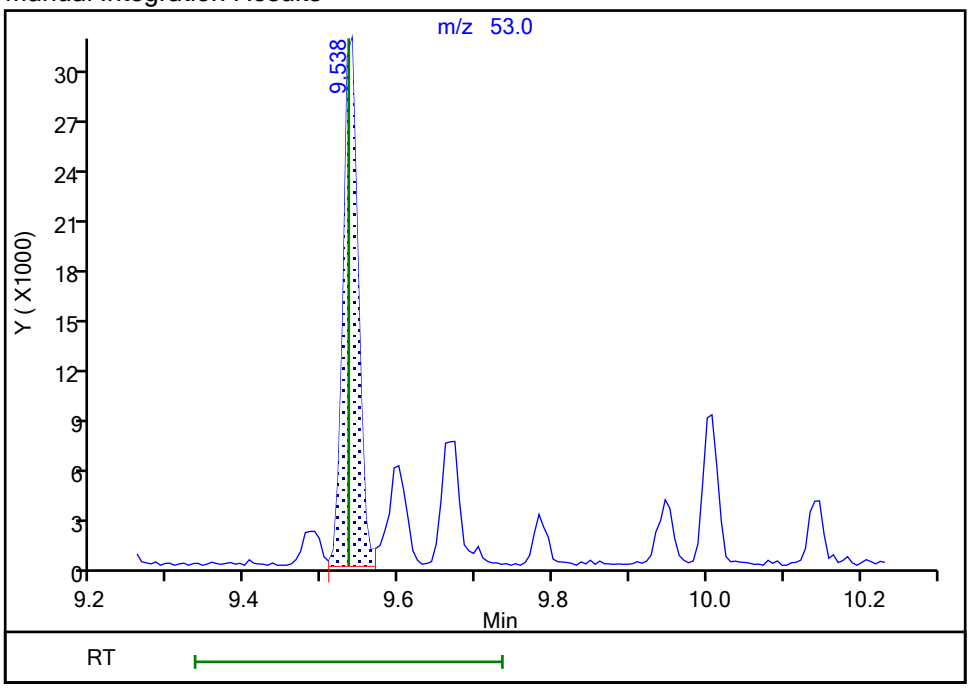
Processing Integration Results

RT: 9.95
Area: 5940
Amount: 8.518608
Amount Units: ug/l



Manual Integration Results

RT: 9.54
Area: 43817
Amount: 45.630020
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 19:52:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

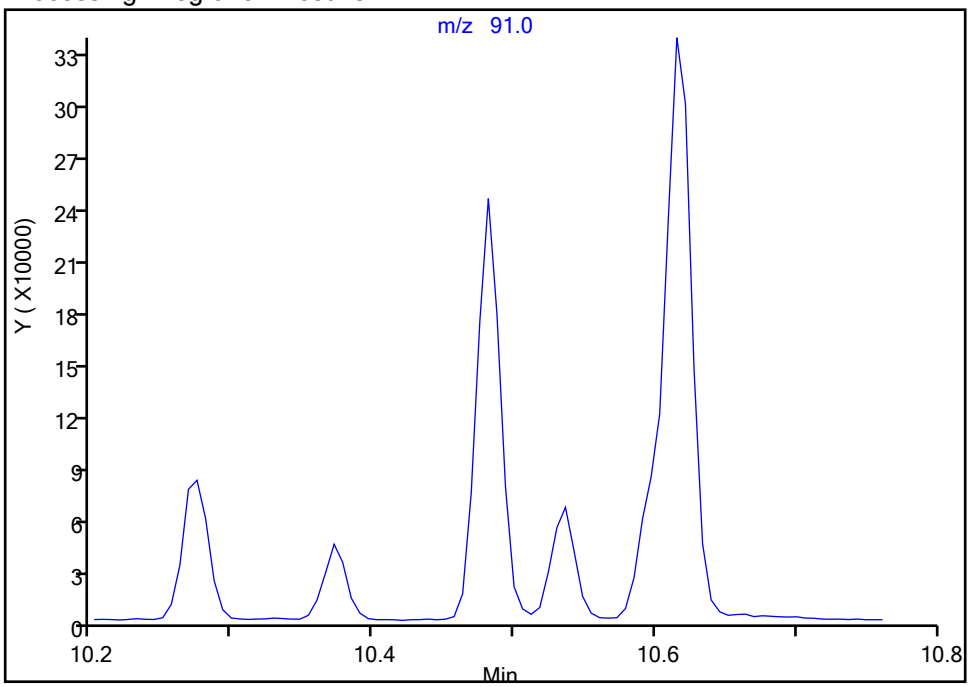
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D
Injection Date: 14-Mar-2024 17:38:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Signal: 1

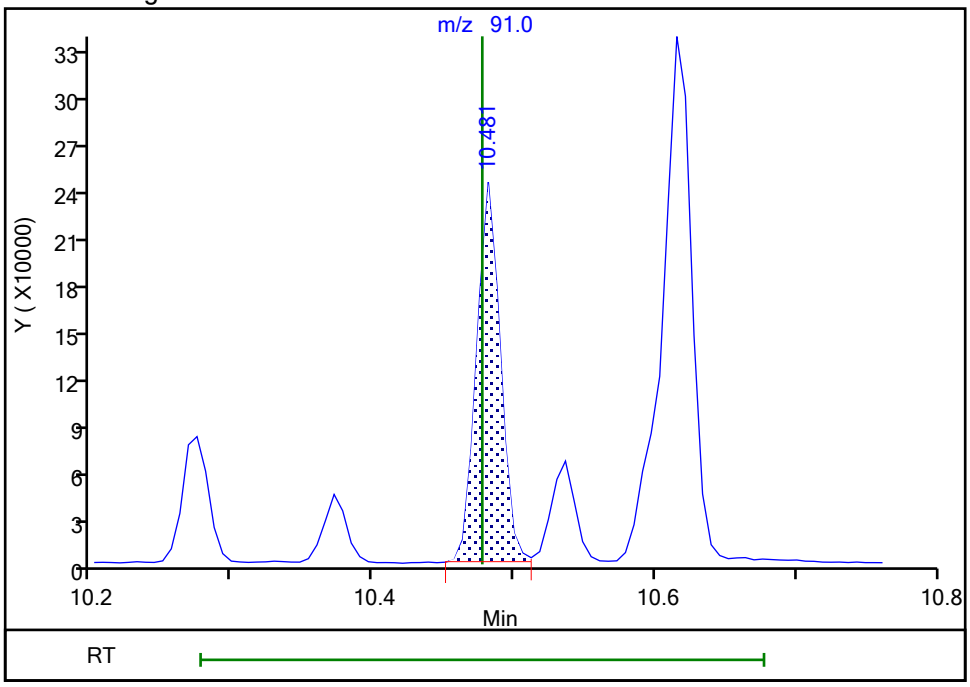
Not Detected
Expected RT: 10.48

Processing Integration Results



Manual Integration Results

RT: 10.48
Area: 283425
Amount: 48.671723
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 17:58:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

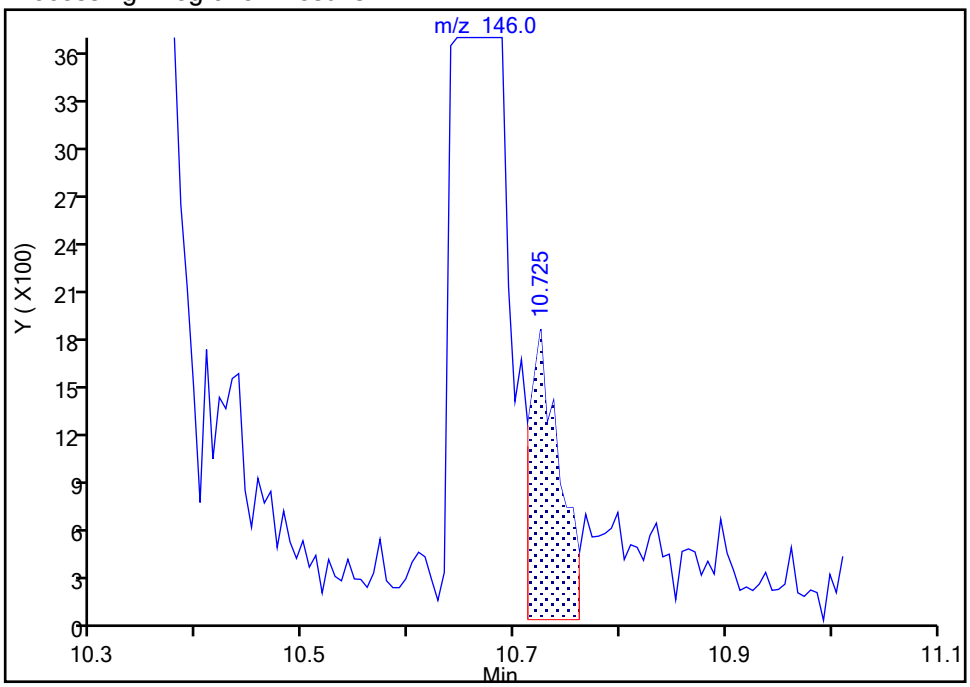
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D
Injection Date: 14-Mar-2024 17:38:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

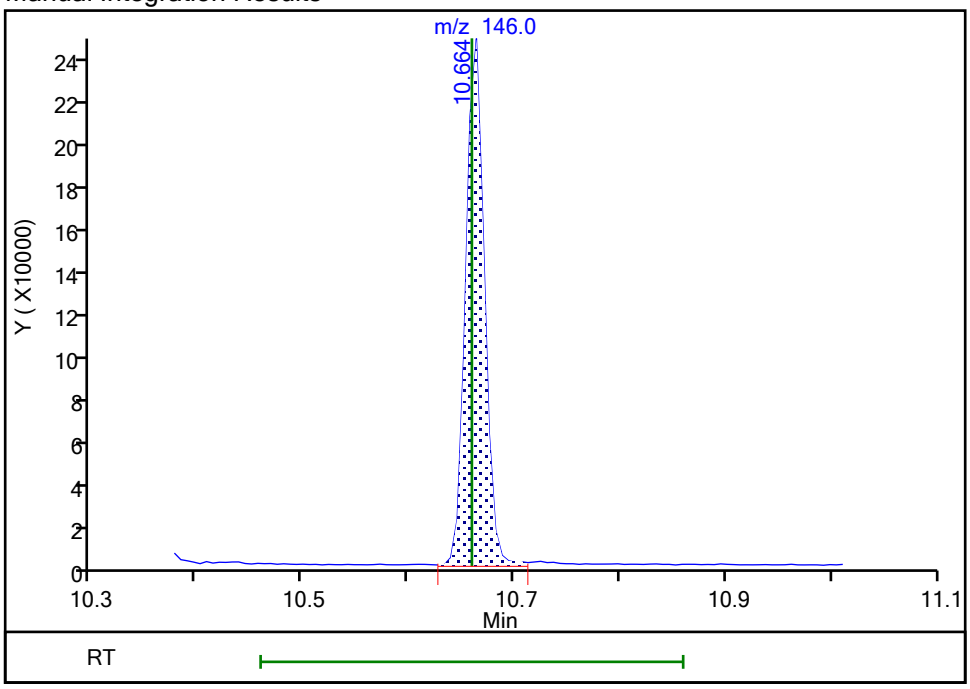
Processing Integration Results

RT: 10.72
Area: 3618
Amount: 1.784685
Amount Units: ug/l



Manual Integration Results

RT: 10.66
Area: 302604
Amount: 49.967666
Amount Units: ug/l



Reviewer: HVW2, 14-Mar-2024 17:58:47 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Calibration / Chlorotrifluoroethene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

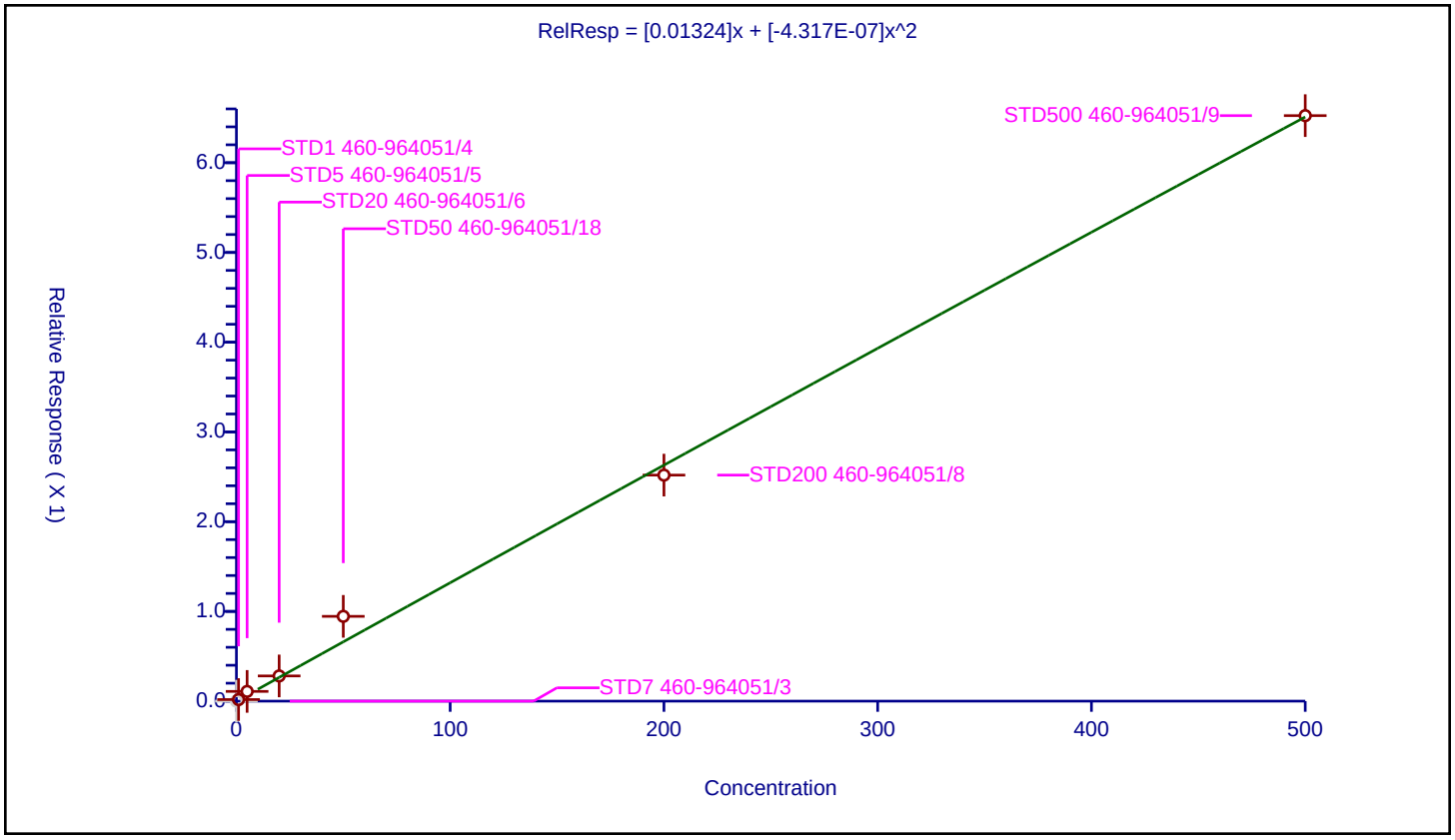
Curve Coefficients

Intercept:	0
Slope:	0.01324
Second Order:	-4.317E-07

Error Coefficients

Relative Standard Deviation:	42.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.017609	50.0	644550.0	0.017609	Y
3	STD5 460-964051/5	5.0	0.108624	50.0	635681.0	0.021725	Y
4	STD20 460-964051/6	20.0	0.280909	50.0	657686.0	0.014045	Y
5	STD50 460-964051/18	50.0	0.945019	50.0	645225.0	0.0189	Y
6	STD200 460-964051/8	200.0	2.518858	50.0	760682.0	0.012594	Y
7	STD500 460-964051/9	500.0	6.52484	50.0	813361.0	0.01305	Y



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Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

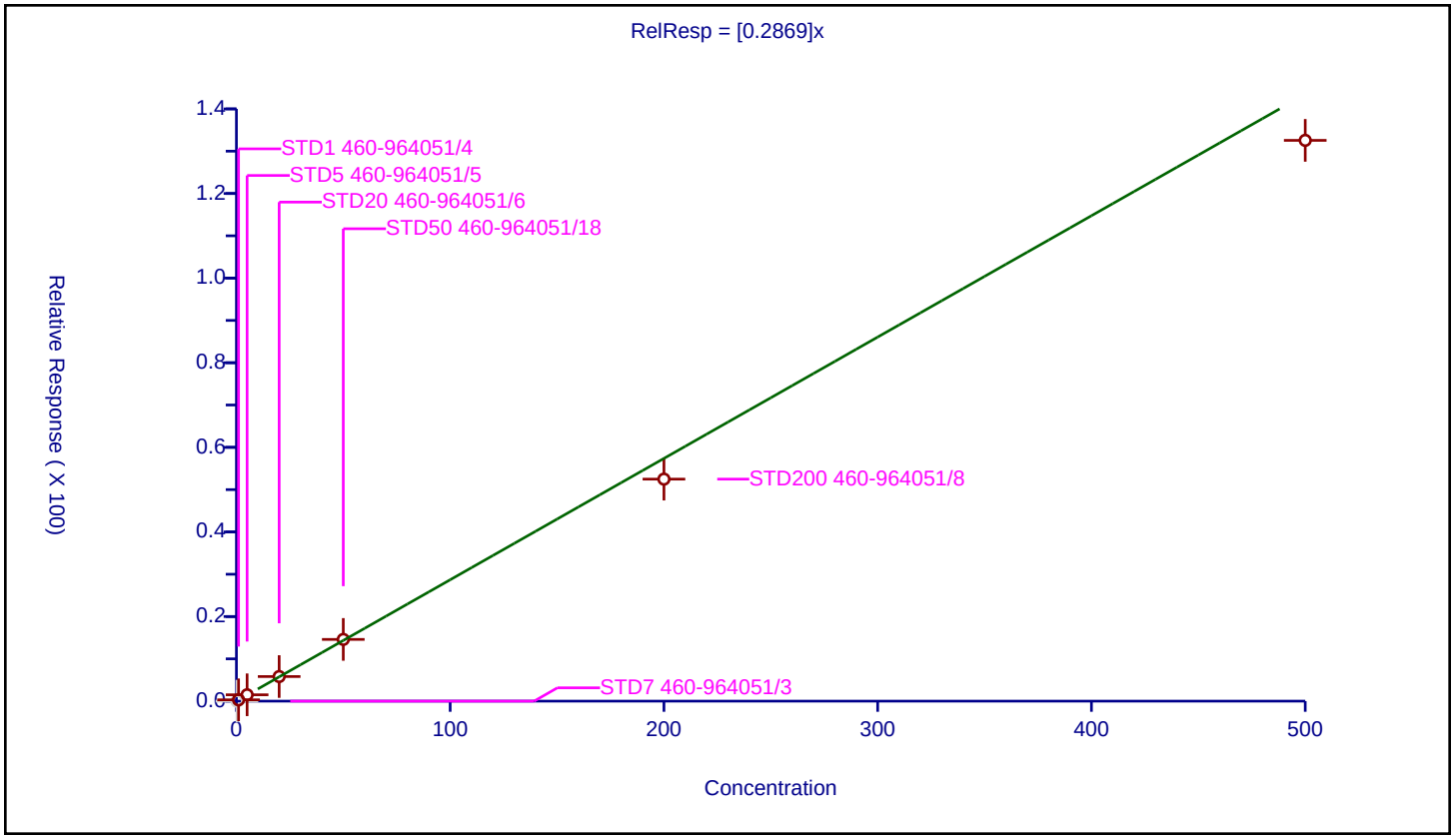
Curve Coefficients

Intercept:	0
Slope:	0.2869

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.25	0.0	50.0	599048.0	0.0	N
2	STD1 460-964051/4	1.0	0.310294	50.0	644550.0	0.310294	Y
3	STD5 460-964051/5	5.0	1.503584	50.0	635681.0	0.300717	Y
4	STD20 460-964051/6	20.0	5.816225	50.0	657686.0	0.290811	Y
5	STD50 460-964051/18	50.0	14.592894	50.0	645225.0	0.291858	Y
6	STD200 460-964051/8	200.0	52.482378	50.0	760682.0	0.262412	Y
7	STD500 460-964051/9	500.0	132.558729	50.0	813361.0	0.265117	Y



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Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

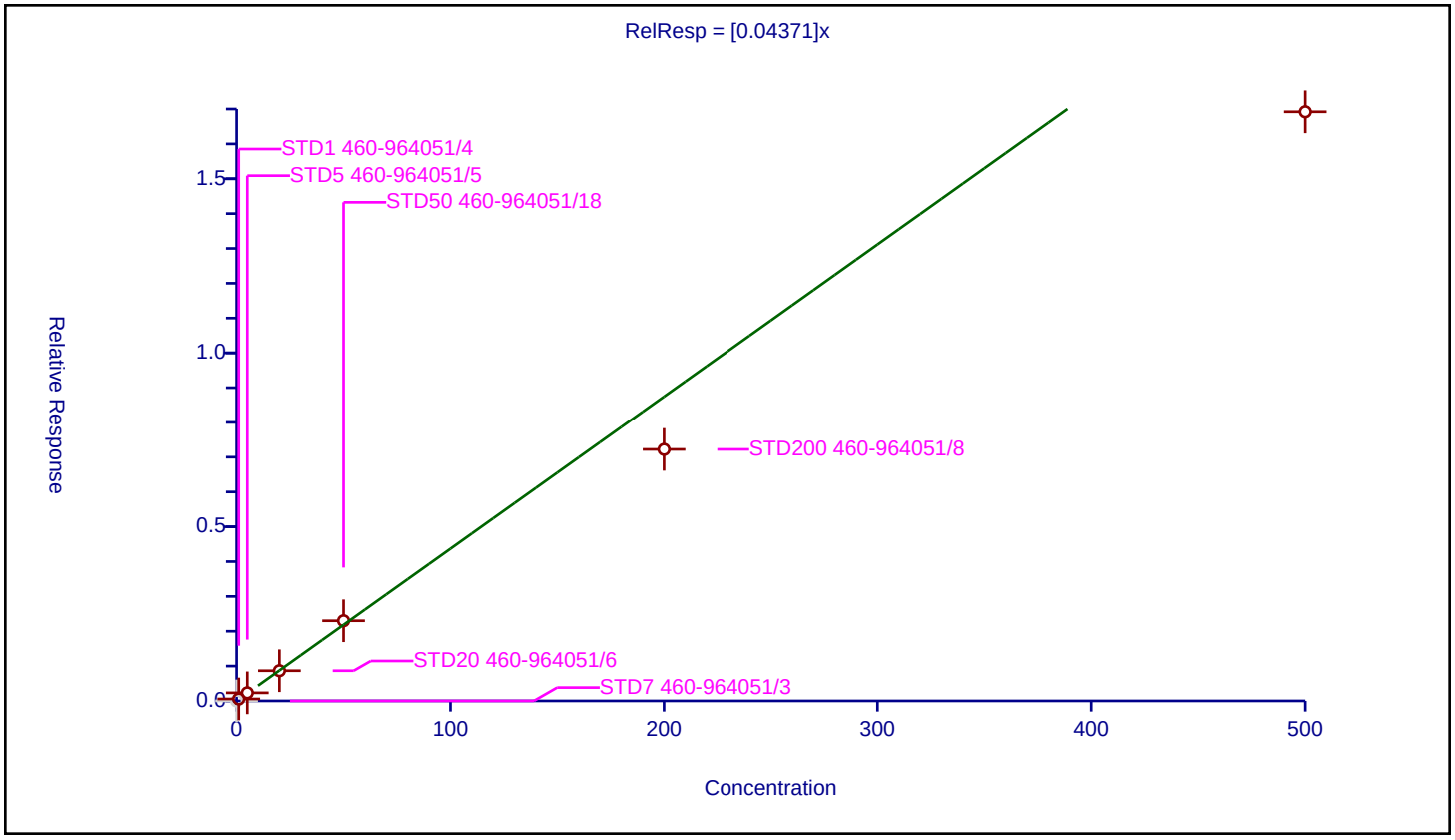
Curve Coefficients

Intercept:	0
Slope:	0.04371

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.056551	50.0	644550.0	0.056551	Y
3	STD5 460-964051/5	5.0	0.232035	50.0	635681.0	0.046407	Y
4	STD20 460-964051/6	20.0	0.866447	50.0	657686.0	0.043322	Y
5	STD50 460-964051/18	50.0	2.301833	50.0	645225.0	0.046037	Y
6	STD200 460-964051/8	200.0	7.223912	50.0	760682.0	0.03612	Y
7	STD500 460-964051/9	500.0	16.920285	50.0	813361.0	0.033841	Y



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Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

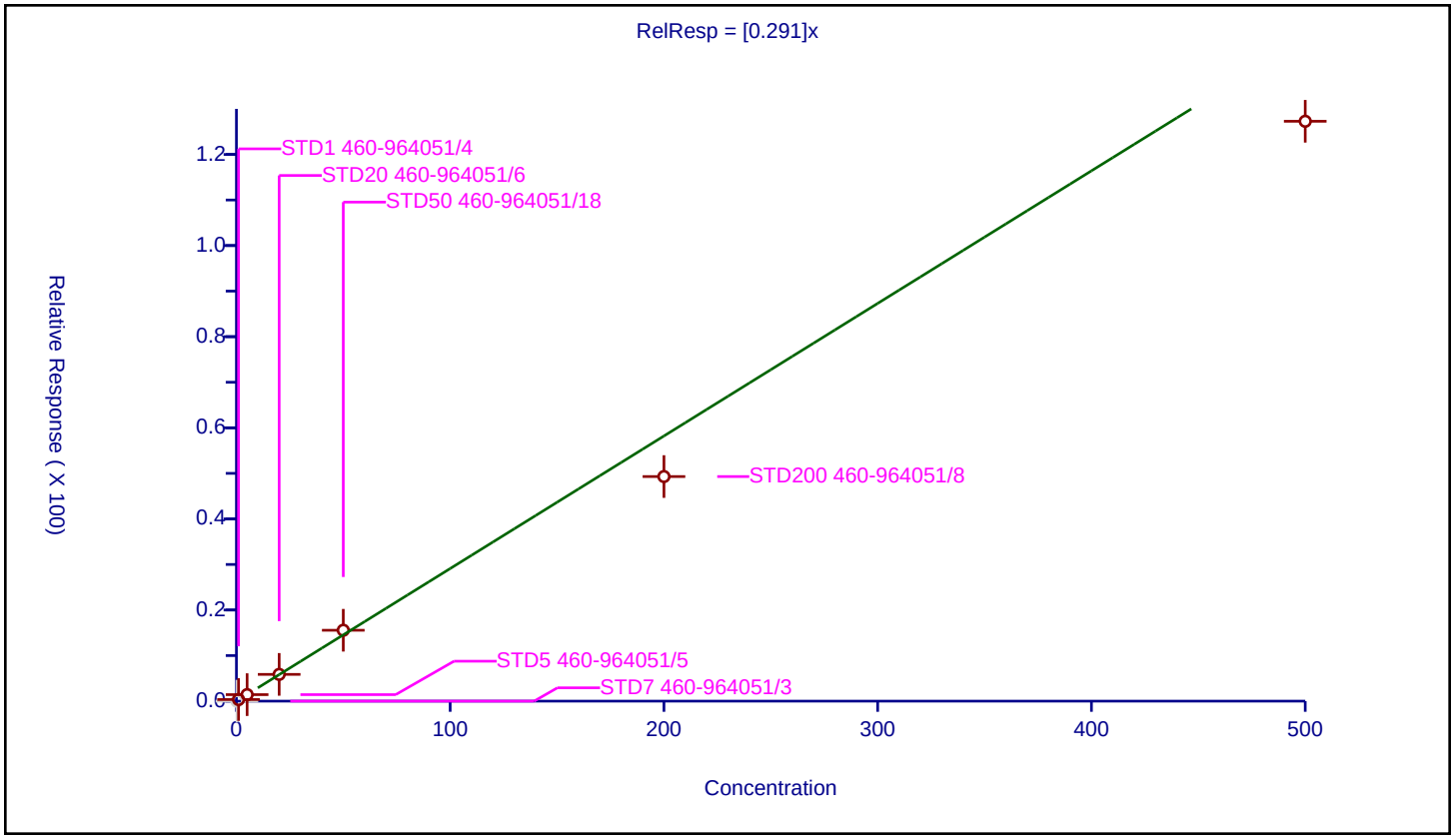
Curve Coefficients

Intercept:	0
Slope:	0.291

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.25	0.0	50.0	599048.0	0.0	N
2	STD1 460-964051/4	1.0	0.35389	50.0	644550.0	0.35389	Y
3	STD5 460-964051/5	5.0	1.432165	50.0	635681.0	0.286433	Y
4	STD20 460-964051/6	20.0	5.86967	50.0	657686.0	0.293484	Y
5	STD50 460-964051/18	50.0	15.561316	50.0	645225.0	0.311226	Y
6	STD200 460-964051/8	200.0	49.295961	50.0	760682.0	0.24648	Y
7	STD500 460-964051/9	500.0	127.279216	50.0	813361.0	0.254558	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

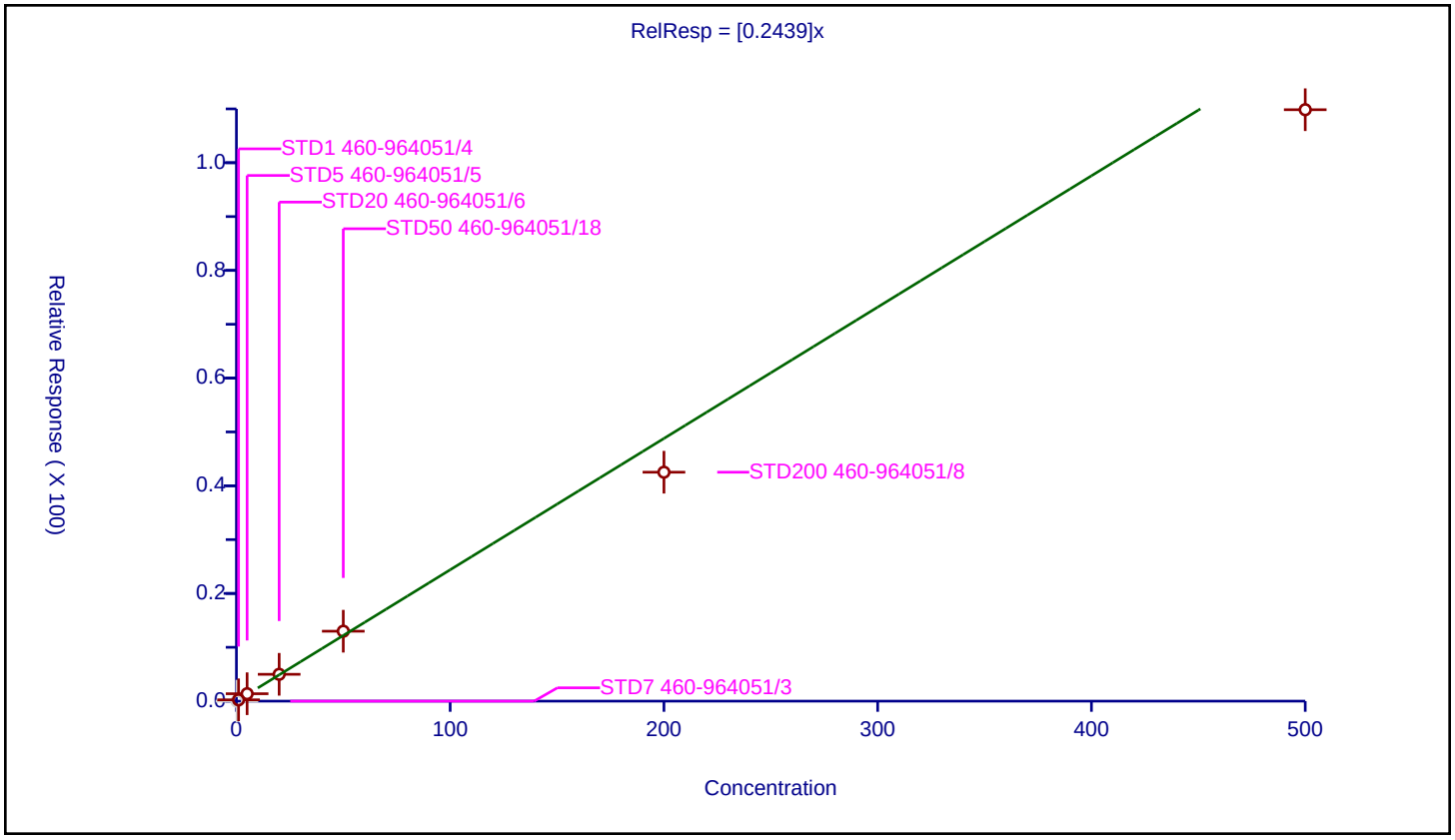
Curve Coefficients

Intercept:	0
Slope:	0.2439

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.25	0.0	50.0	599048.0	0.0	N
2	STD1 460-964051/4	1.0	0.247149	50.0	644550.0	0.247149	Y
3	STD5 460-964051/5	5.0	1.375297	50.0	635681.0	0.275059	Y
4	STD20 460-964051/6	20.0	4.986118	50.0	657686.0	0.249306	Y
5	STD50 460-964051/18	50.0	12.989577	50.0	645225.0	0.259792	Y
6	STD200 460-964051/8	200.0	42.518819	50.0	760682.0	0.212594	Y
7	STD500 460-964051/9	500.0	109.848579	50.0	813361.0	0.219697	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

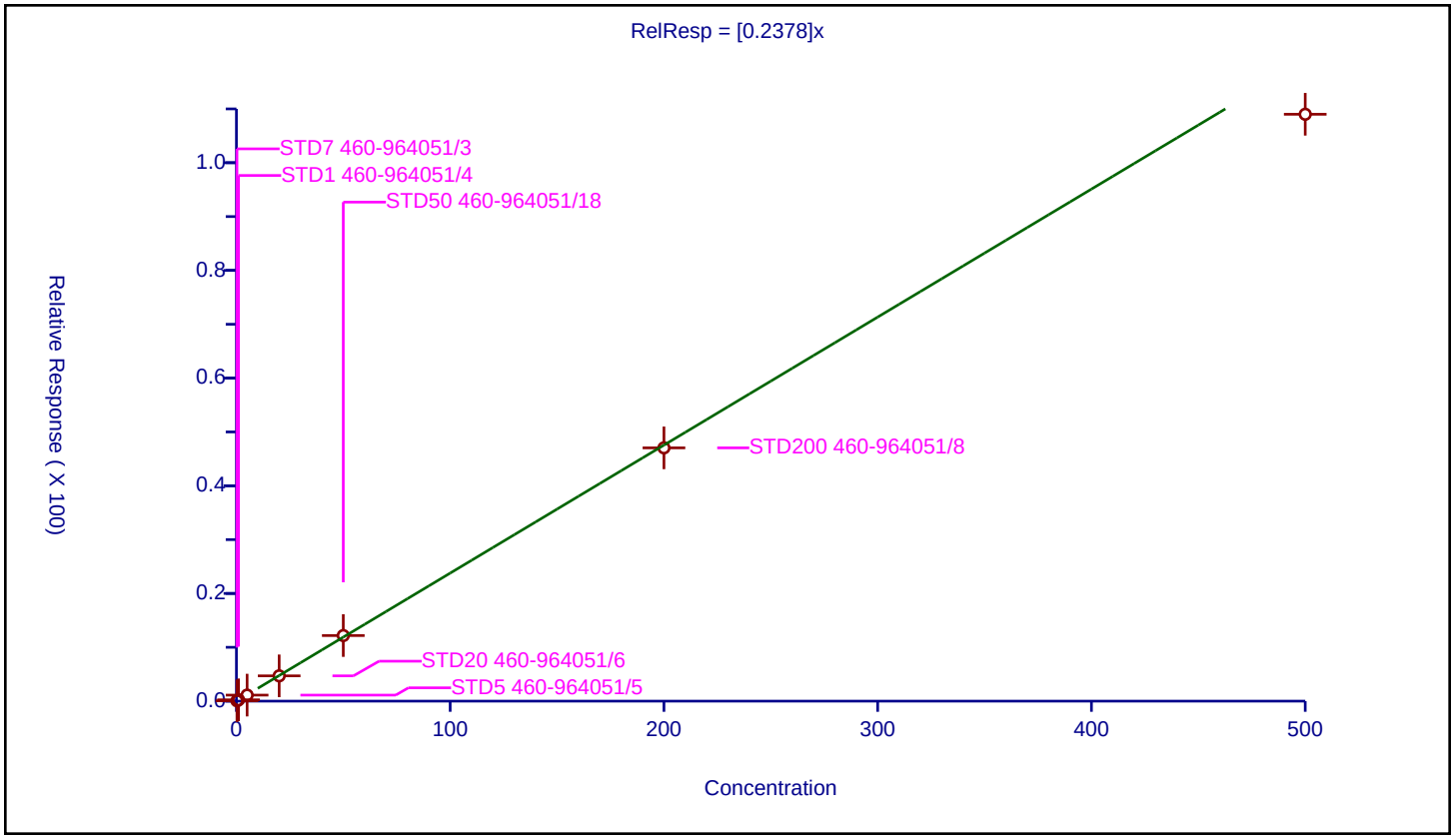
Curve Coefficients

Intercept:	0
Slope:	0.2378

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.25	0.065854	50.0	599048.0	0.263418	Y
2	STD1 460-964051/4	1.0	0.244822	50.0	644550.0	0.244822	Y
3	STD5 460-964051/5	5.0	1.12171	50.0	635681.0	0.224342	Y
4	STD20 460-964051/6	20.0	4.698899	50.0	657686.0	0.234945	Y
5	STD50 460-964051/18	50.0	12.179317	50.0	645225.0	0.243586	Y
6	STD200 460-964051/8	200.0	47.041668	50.0	760682.0	0.235208	Y
7	STD500 460-964051/9	500.0	109.002153	50.0	813361.0	0.218004	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

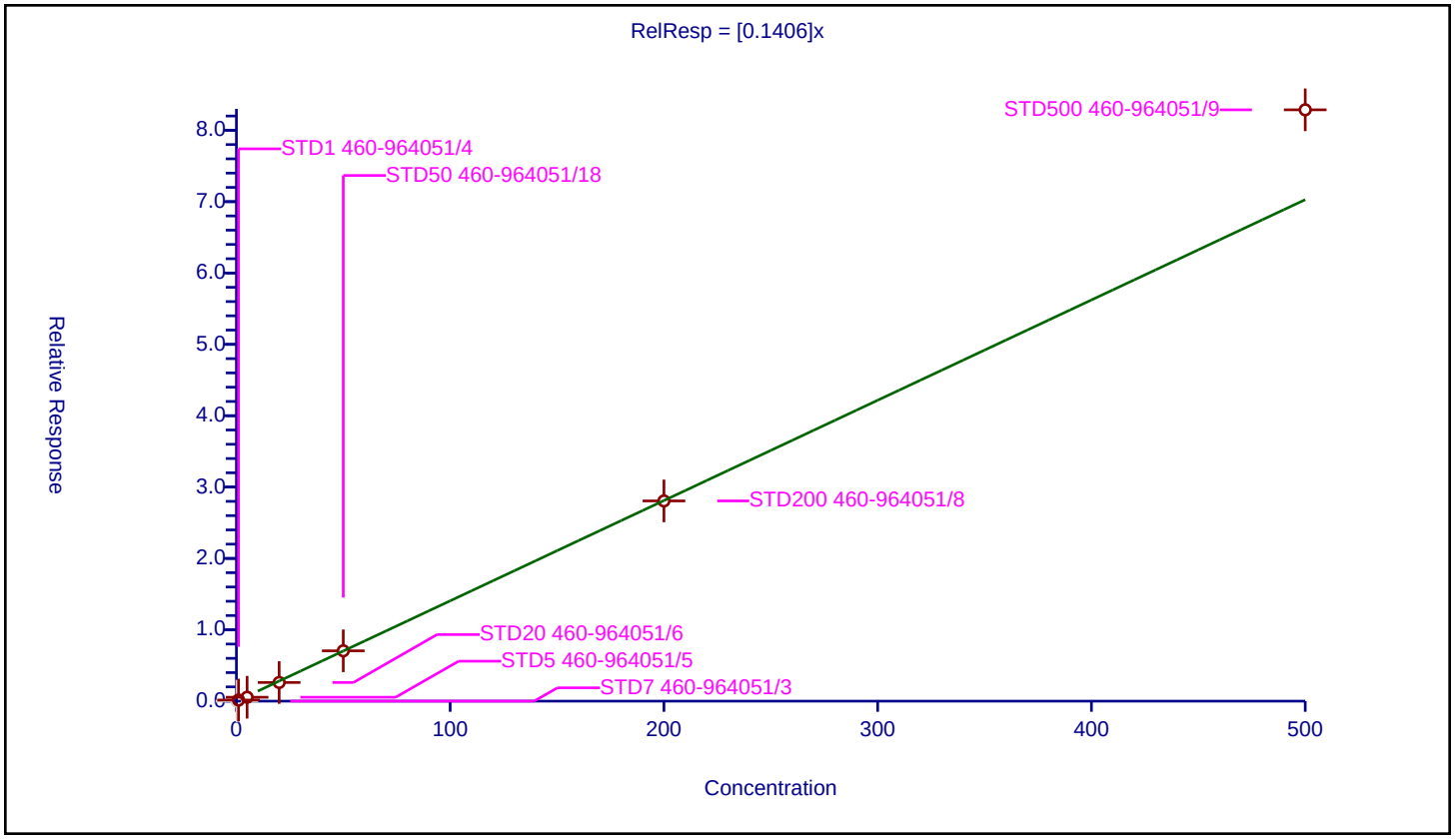
Curve Coefficients

Intercept:	0
Slope:	0.1406

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.25	0.0	50.0	599048.0	0.0	N
2	STD1 460-964051/4	1.0	0.156311	50.0	644550.0	0.156311	Y
3	STD5 460-964051/5	5.0	0.545557	50.0	635681.0	0.109111	Y
4	STD20 460-964051/6	20.0	2.61637	50.0	657686.0	0.130819	Y
5	STD50 460-964051/18	50.0	7.053663	50.0	645225.0	0.141073	Y
6	STD200 460-964051/8	200.0	28.058374	50.0	760682.0	0.140292	Y
7	STD500 460-964051/9	500.0	82.869046	50.0	813361.0	0.165738	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

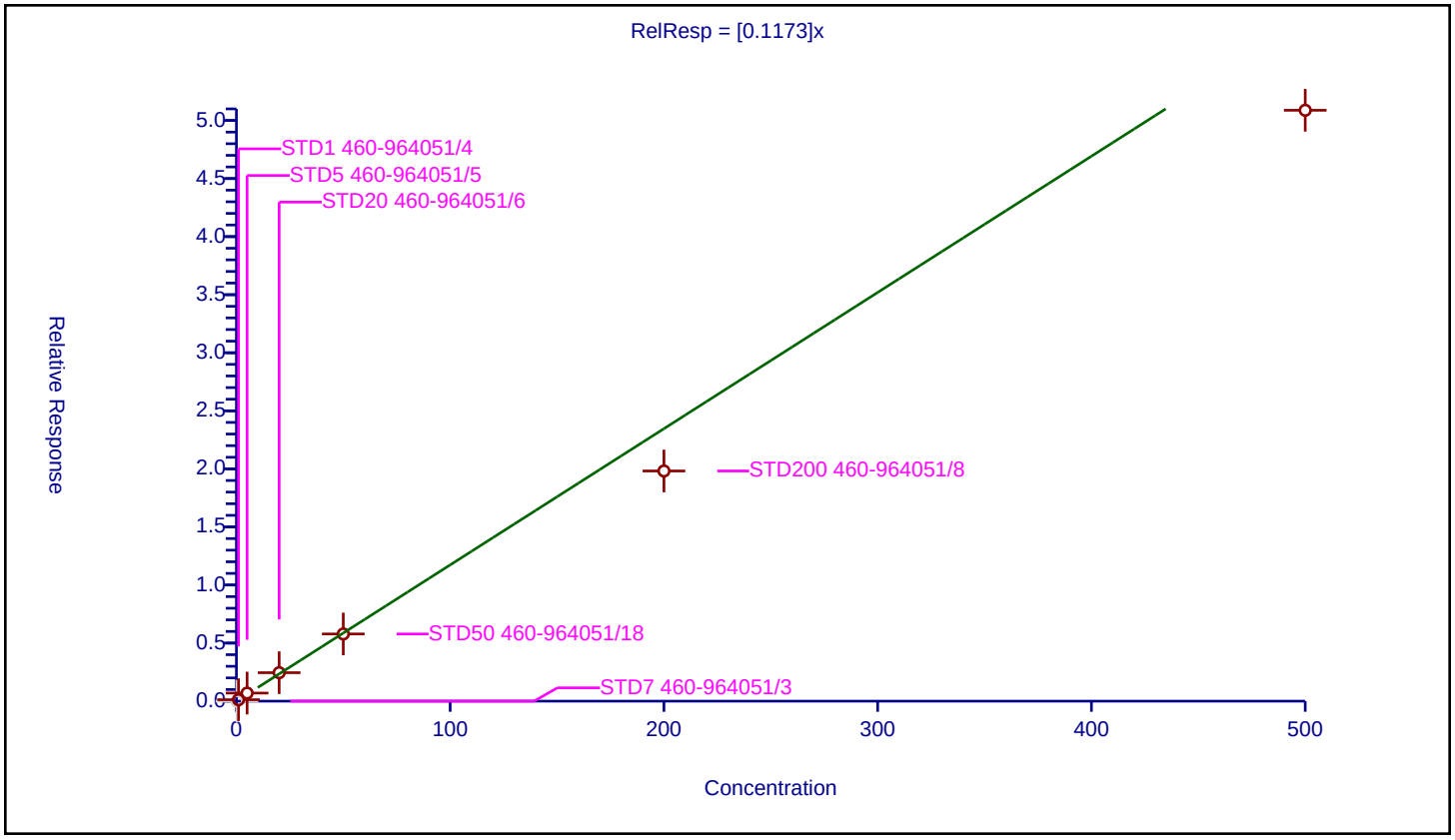
Curve Coefficients

Intercept:	0
Slope:	0.1173

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.25	0.0	50.0	599048.0	0.0	N
2	STD1 460-964051/4	1.0	0.125669	50.0	644550.0	0.125669	Y
3	STD5 460-964051/5	5.0	0.695475	50.0	635681.0	0.139095	Y
4	STD20 460-964051/6	20.0	2.45117	50.0	657686.0	0.122558	Y
5	STD50 460-964051/18	50.0	5.784881	50.0	645225.0	0.115698	Y
6	STD200 460-964051/8	200.0	19.819846	50.0	760682.0	0.099099	Y
7	STD500 460-964051/9	500.0	50.880605	50.0	813361.0	0.101761	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

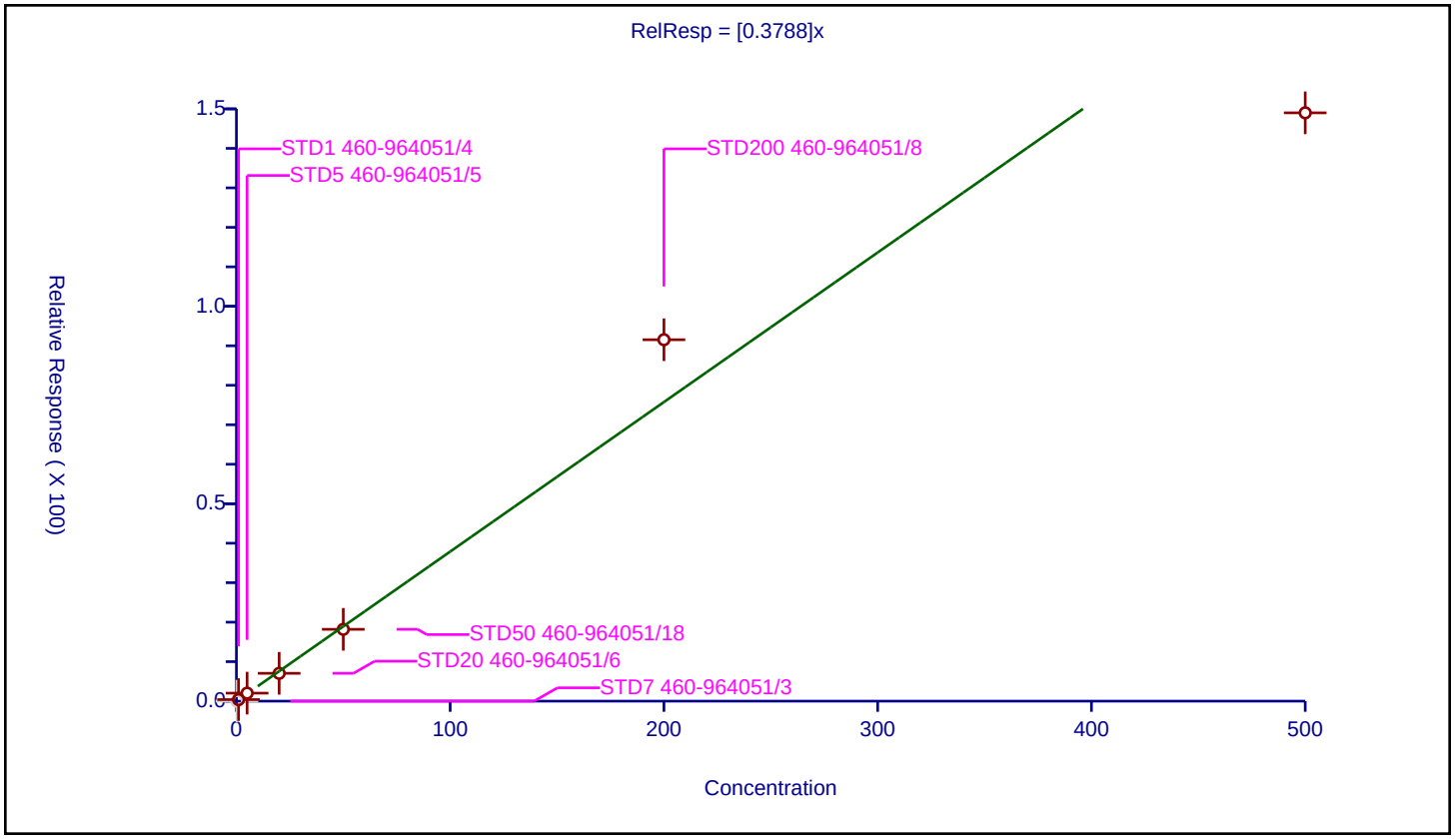
Curve Coefficients

Intercept:	0
Slope:	0.3788

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.25	0.0	50.0	599048.0	0.0	N
2	STD1 460-964051/4	1.0	0.395625	50.0	644550.0	0.395625	Y
3	STD5 460-964051/5	5.0	2.026252	50.0	635681.0	0.40525	Y
4	STD20 460-964051/6	20.0	7.044395	50.0	657686.0	0.35222	Y
5	STD50 460-964051/18	50.0	18.187764	50.0	645225.0	0.363755	Y
6	STD200 460-964051/8	200.0	91.534242	50.0	760682.0	0.457671	Y
7	STD500 460-964051/9	500.0	149.000936	50.0	813361.0	0.298002	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

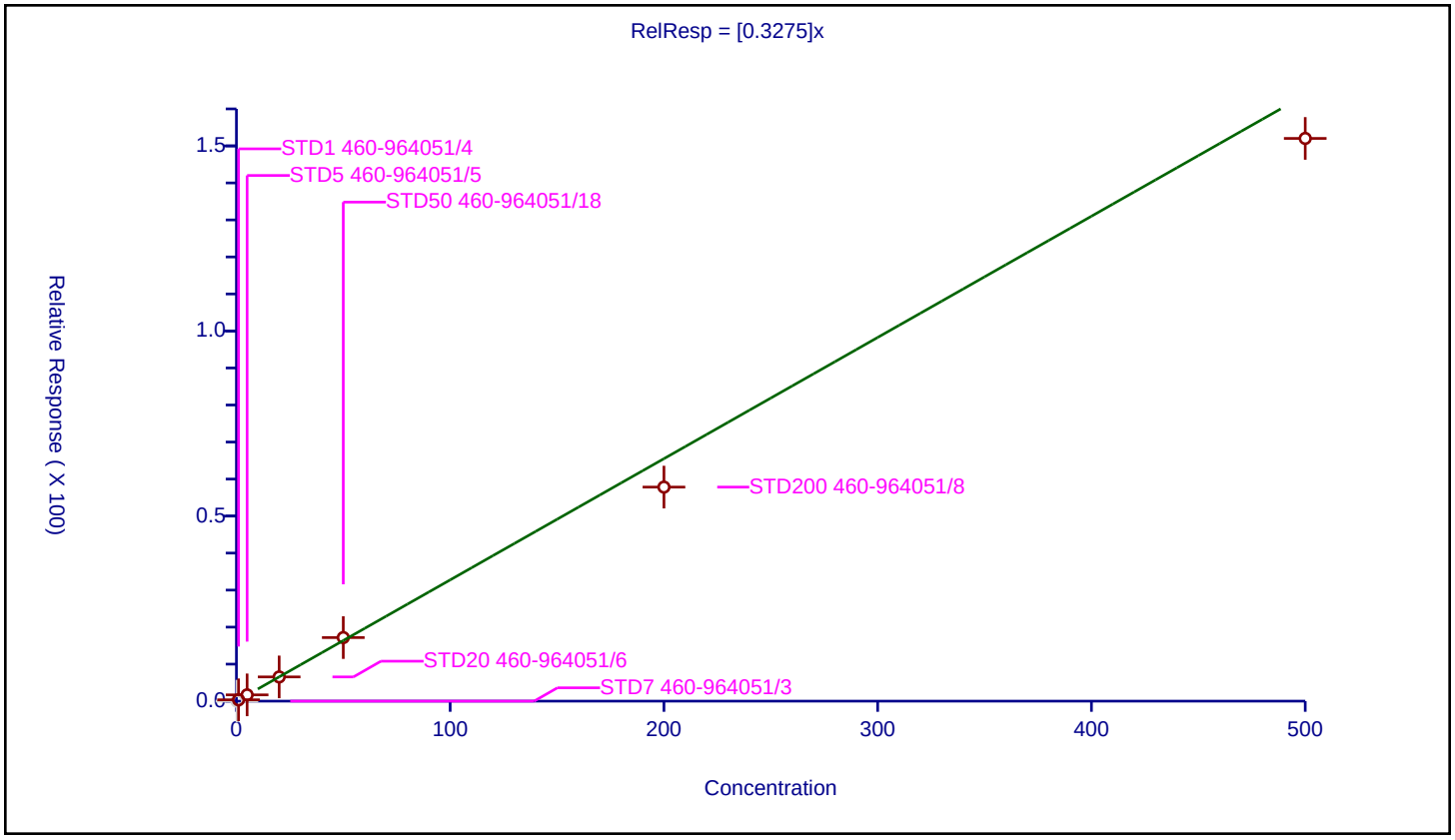
Curve Coefficients

Intercept:	0
Slope:	0.3275

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.25	0.0	50.0	599048.0	0.0	N
2	STD1 460-964051/4	1.0	0.362501	50.0	644550.0	0.362501	Y
3	STD5 460-964051/5	5.0	1.694797	50.0	635681.0	0.338959	Y
4	STD20 460-964051/6	20.0	6.540583	50.0	657686.0	0.327029	Y
5	STD50 460-964051/18	50.0	17.171917	50.0	645225.0	0.343438	Y
6	STD200 460-964051/8	200.0	57.82344	50.0	760682.0	0.289117	Y
7	STD500 460-964051/9	500.0	152.017493	50.0	813361.0	0.304035	Y



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Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

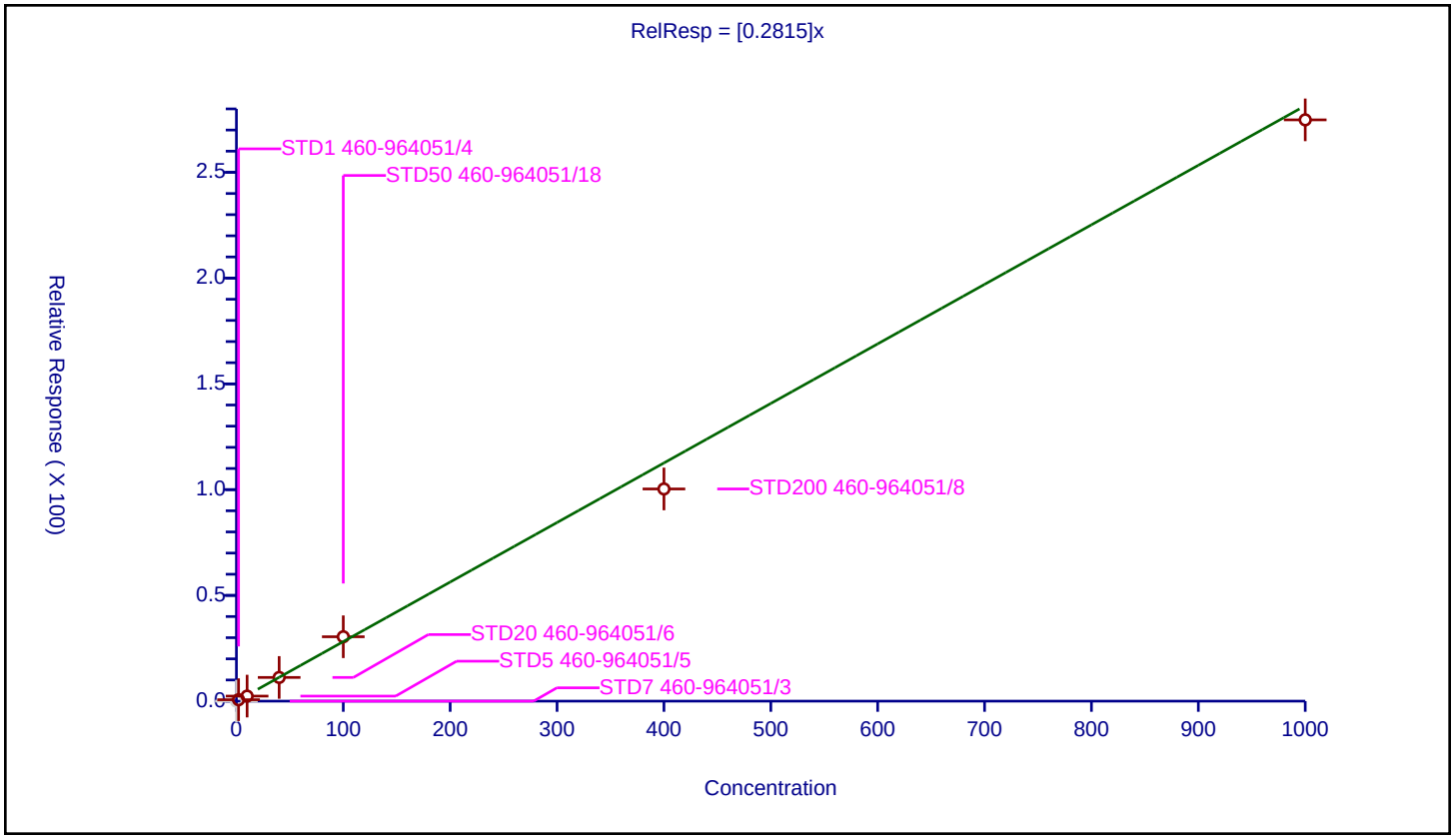
Curve Coefficients

Intercept:	0
Slope:	0.2815

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	2.0	0.679932	50.0	644550.0	0.339966	Y
3	STD5 460-964051/5	10.0	2.391058	50.0	635681.0	0.239106	Y
4	STD20 460-964051/6	40.0	11.195996	50.0	657686.0	0.2799	Y
5	STD50 460-964051/18	100.0	30.440157	50.0	645225.0	0.304402	Y
6	STD200 460-964051/8	400.0	100.314718	50.0	760682.0	0.250787	Y
7	STD500 460-964051/9	1000.0	274.817455	50.0	813361.0	0.274817	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

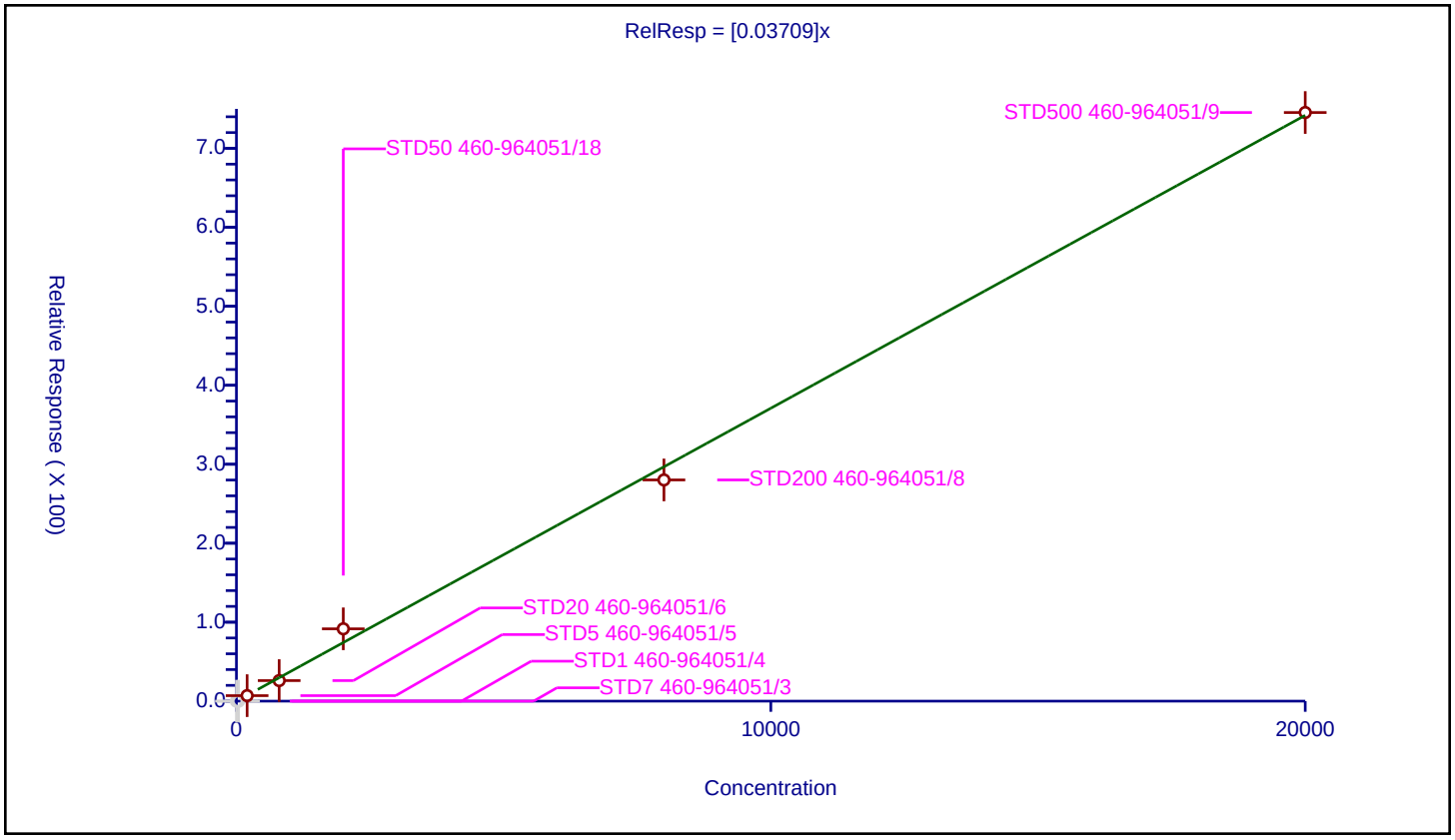
Curve Coefficients

Intercept:	0
Slope:	0.03709

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	1000.0	163701.0	NaN	N
2	STD1 460-964051/4	40.0	0.0	1000.0	176340.0	0.0	N
3	STD5 460-964051/5	200.0	6.970977	1000.0	198394.0	0.034855	Y
4	STD20 460-964051/6	800.0	26.023958	1000.0	177644.0	0.03253	Y
5	STD50 460-964051/18	2000.0	91.593893	1000.0	123327.0	0.045797	Y
6	STD200 460-964051/8	8000.0	280.124261	1000.0	180909.0	0.035016	Y
7	STD500 460-964051/9	20000.0	745.416678	1000.0	192055.0	0.037271	Y



Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

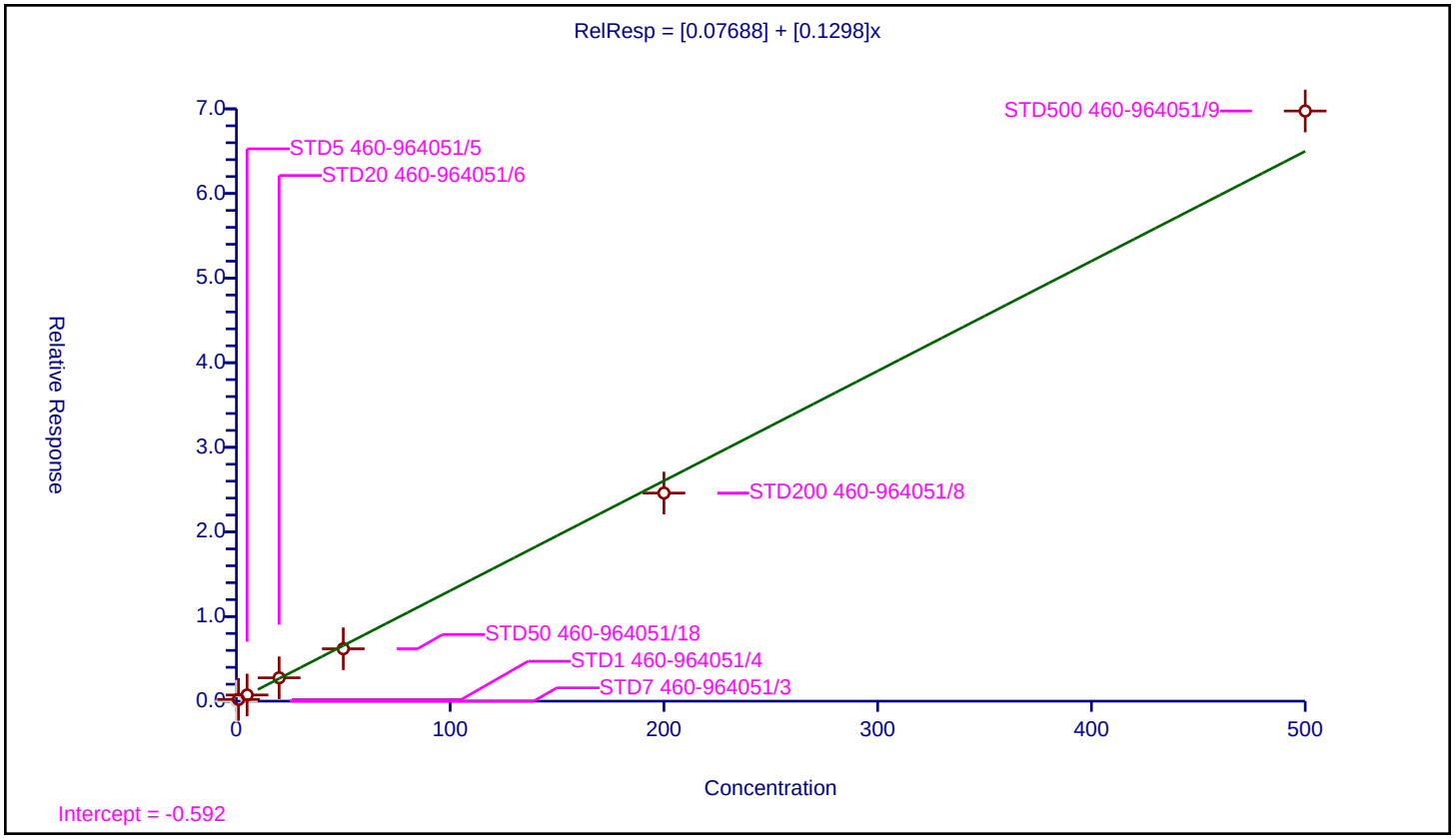
Curve Coefficients

Intercept:	0.07688
Slope:	0.1298

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.206423	50.0	644550.0	0.206423	Y
3	STD5 460-964051/5	5.0	0.731814	50.0	635681.0	0.146363	Y
4	STD20 460-964051/6	20.0	2.761576	50.0	657686.0	0.138079	Y
5	STD50 460-964051/18	50.0	6.189701	50.0	645225.0	0.123794	Y
6	STD200 460-964051/8	200.0	24.595823	50.0	760682.0	0.122979	Y
7	STD500 460-964051/9	500.0	69.74941	50.0	813361.0	0.139499	Y



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Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

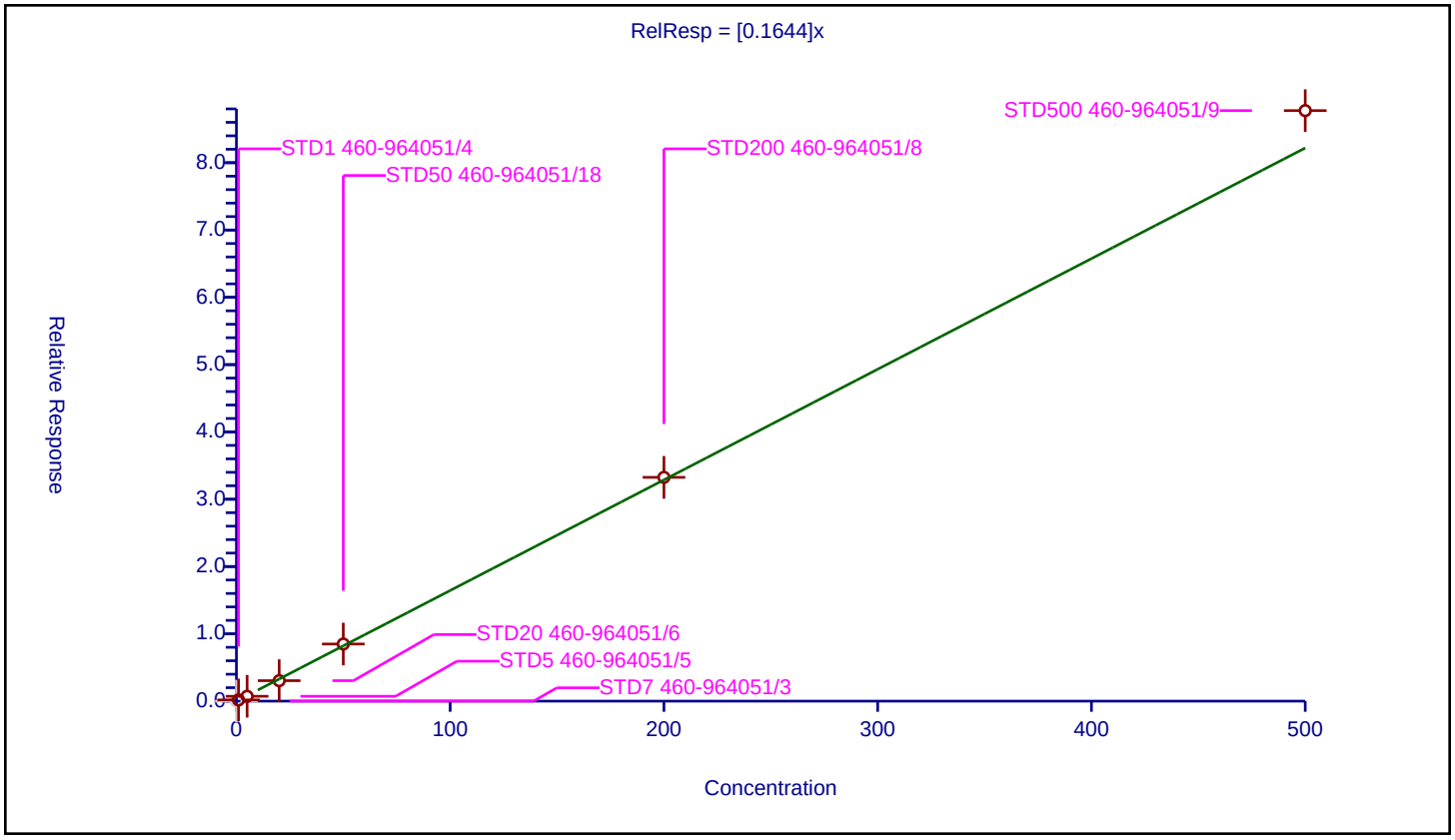
Curve Coefficients

Intercept:	0
Slope:	0.1644

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.178109	50.0	644550.0	0.178109	Y
3	STD5 460-964051/5	5.0	0.722847	50.0	635681.0	0.144569	Y
4	STD20 460-964051/6	20.0	3.042561	50.0	657686.0	0.152128	Y
5	STD50 460-964051/18	50.0	8.487272	50.0	645225.0	0.169745	Y
6	STD200 460-964051/8	200.0	33.25082	50.0	760682.0	0.166254	Y
7	STD500 460-964051/9	500.0	87.74222	50.0	813361.0	0.175484	Y



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Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

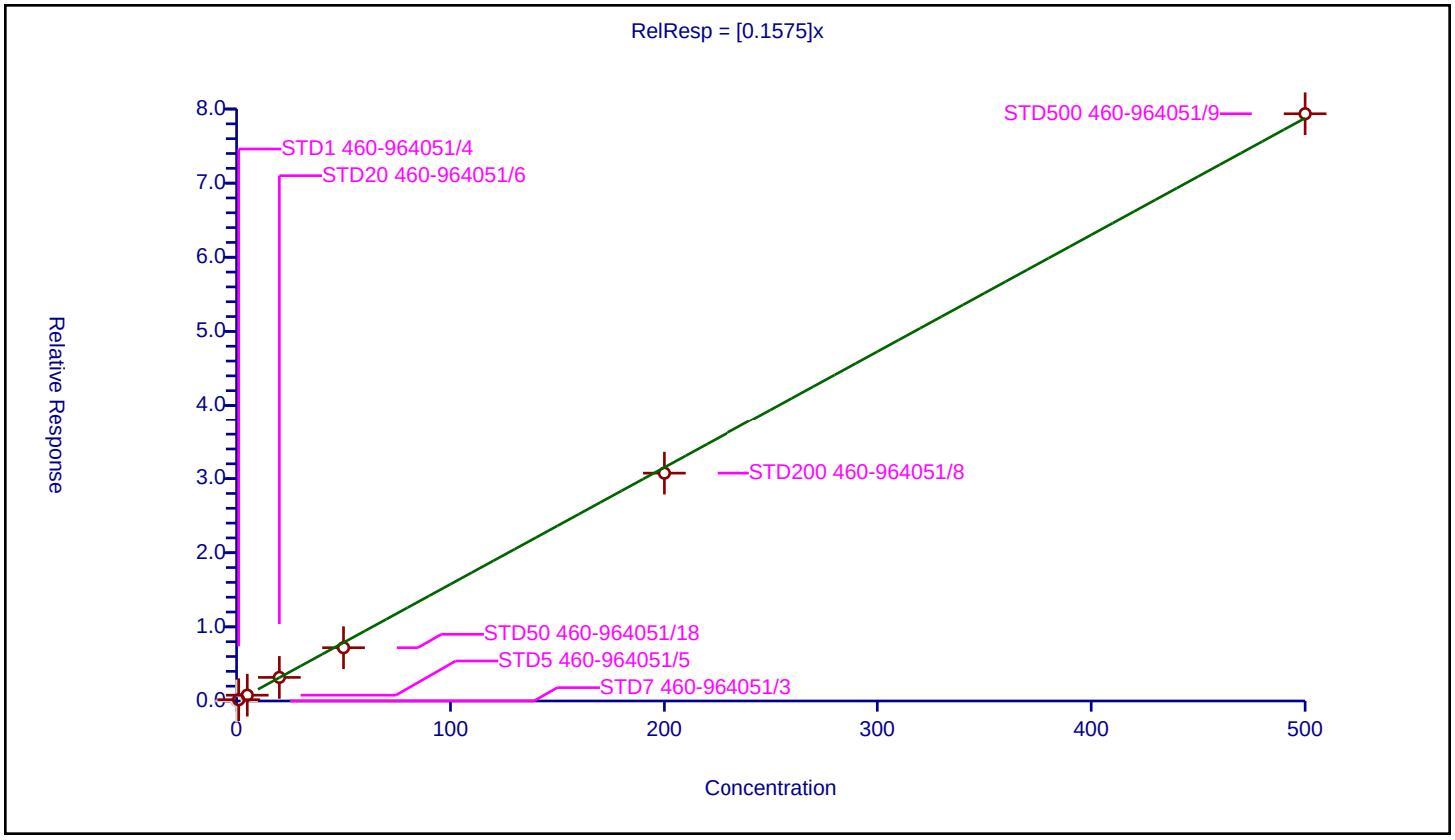
Curve Coefficients

Intercept:	0
Slope:	0.1575

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.173609	50.0	644550.0	0.173609	Y
3	STD5 460-964051/5	5.0	0.782311	50.0	635681.0	0.156462	Y
4	STD20 460-964051/6	20.0	3.181457	50.0	657686.0	0.159073	Y
5	STD50 460-964051/18	50.0	7.186795	50.0	645225.0	0.143736	Y
6	STD200 460-964051/8	200.0	30.739192	50.0	760682.0	0.153696	Y
7	STD500 460-964051/9	500.0	79.360702	50.0	813361.0	0.158721	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

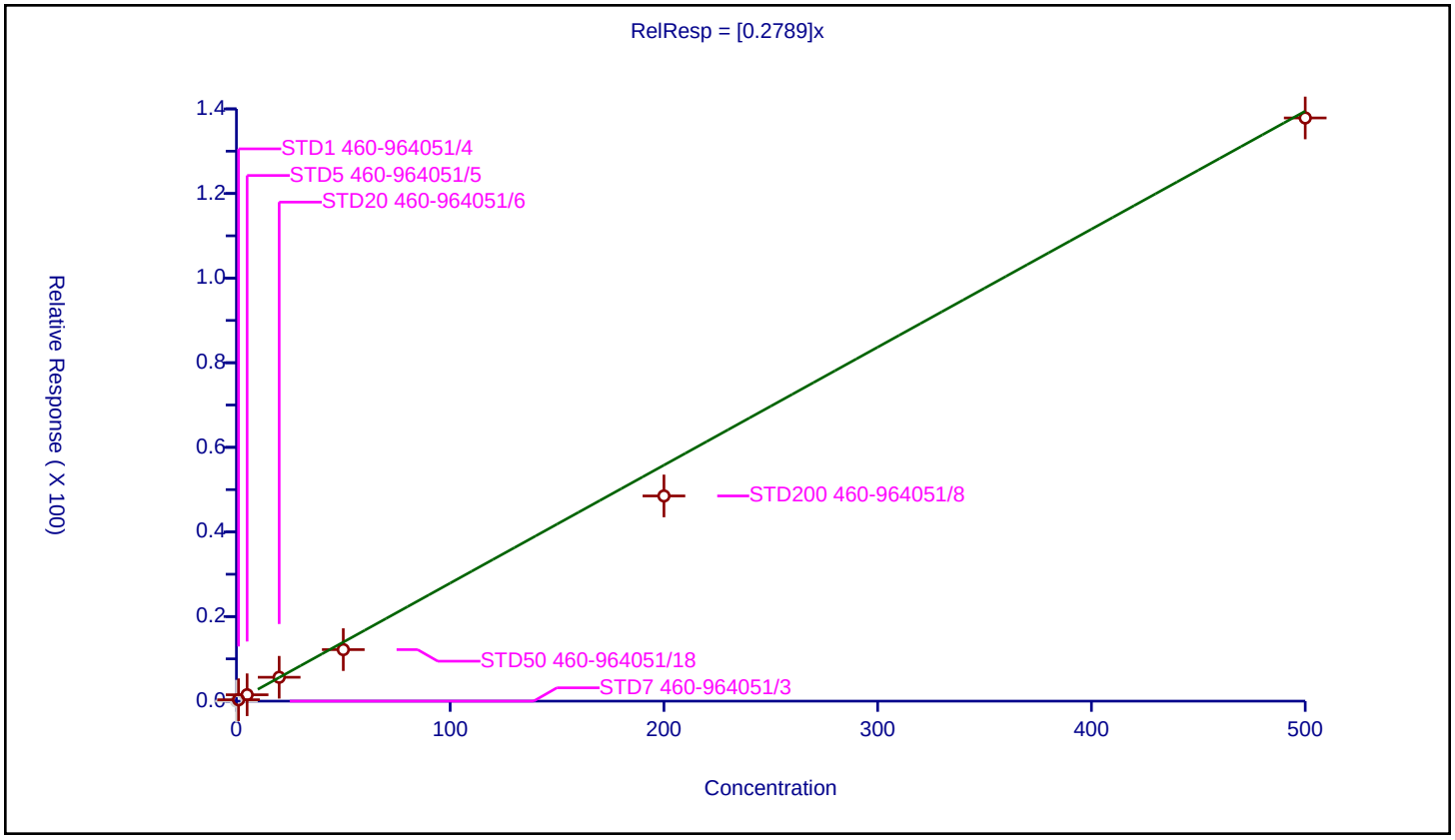
Curve Coefficients

Intercept:	0
Slope:	0.2789

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.32767	50.0	644550.0	0.32767	Y
3	STD5 460-964051/5	5.0	1.509719	50.0	635681.0	0.301944	Y
4	STD20 460-964051/6	20.0	5.641522	50.0	657686.0	0.282076	Y
5	STD50 460-964051/18	50.0	12.178465	50.0	645225.0	0.243569	Y
6	STD200 460-964051/8	200.0	48.505091	50.0	760682.0	0.242525	Y
7	STD500 460-964051/9	500.0	137.860126	50.0	813361.0	0.27572	Y



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Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

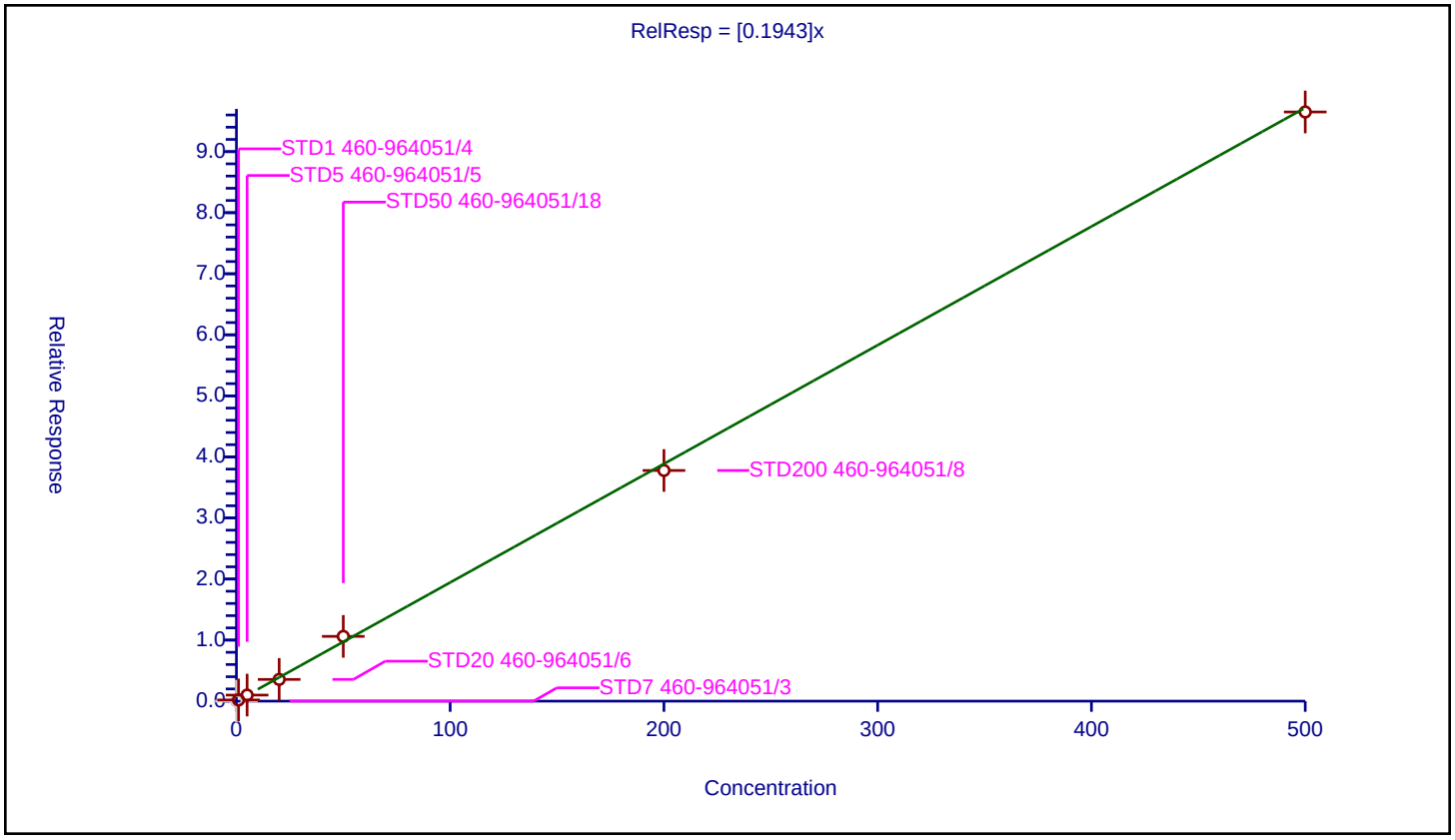
Curve Coefficients

Intercept:	0
Slope:	0.1943

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.196106	50.0	644550.0	0.196106	Y
3	STD5 460-964051/5	5.0	0.990434	50.0	635681.0	0.198087	Y
4	STD20 460-964051/6	20.0	3.557549	50.0	657686.0	0.177877	Y
5	STD50 460-964051/18	50.0	10.606068	50.0	645225.0	0.212121	Y
6	STD200 460-964051/8	200.0	37.77873	50.0	760682.0	0.188894	Y
7	STD500 460-964051/9	500.0	96.493439	50.0	813361.0	0.192987	Y



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Calibration / Acrolein

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

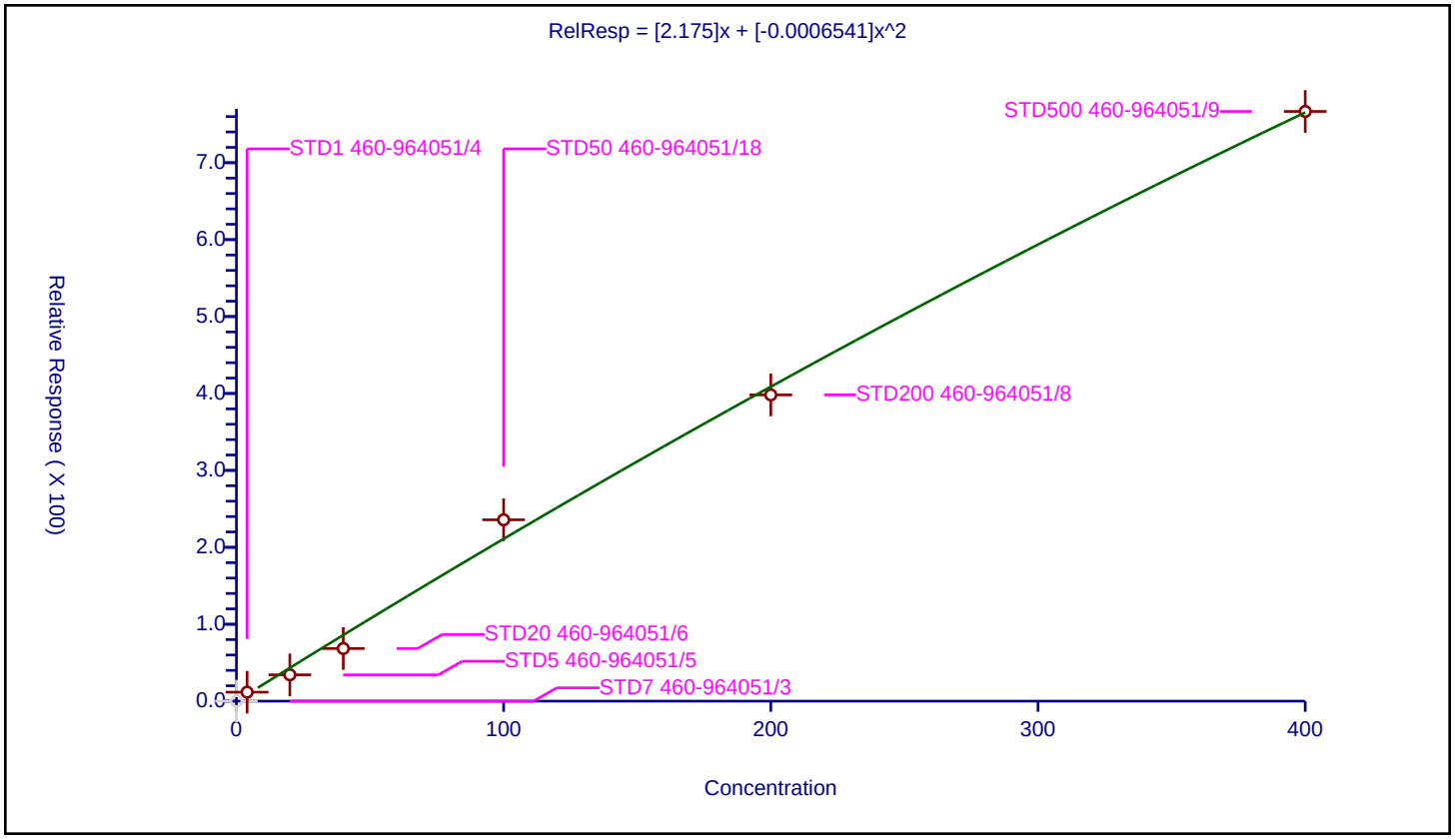
Curve Coefficients

Intercept:	0
Slope:	2.175
Second Order:	-0.0006541

Error Coefficients

Relative Standard Deviation:	23.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	1000.0	163701.0	NaN	N
2	STD1 460-964051/4	4.0	11.659295	1000.0	176340.0	2.914824	Y
3	STD5 460-964051/5	20.0	34.229866	1000.0	198394.0	1.711493	Y
4	STD20 460-964051/6	40.0	68.417734	1000.0	177644.0	1.710443	Y
5	STD50 460-964051/18	100.0	235.763458	1000.0	123327.0	2.357635	Y
6	STD200 460-964051/8	200.0	398.150451	1000.0	180909.0	1.990752	Y
7	STD500 460-964051/9	400.0	766.676213	1000.0	192055.0	1.916691	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

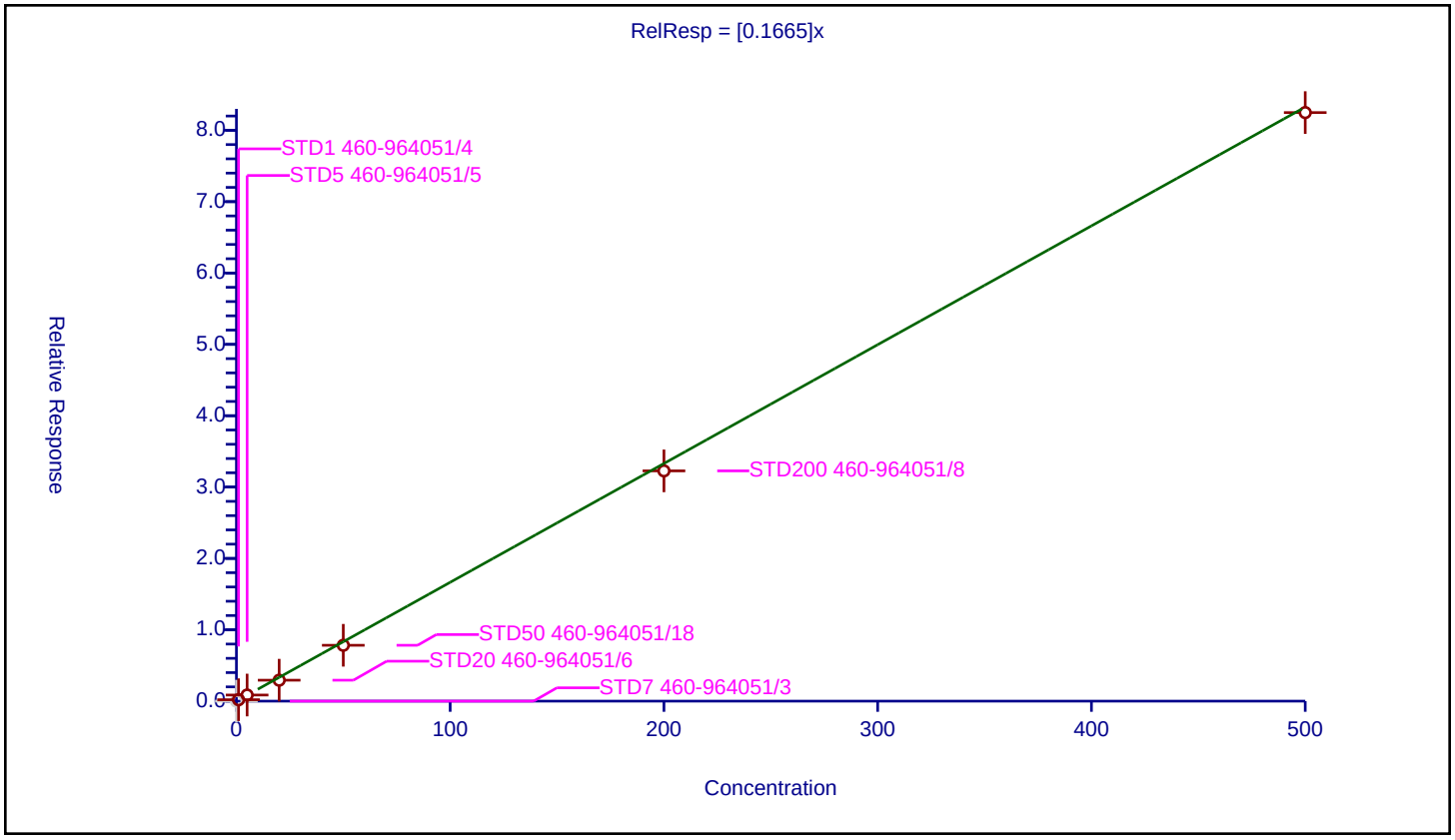
Curve Coefficients

Intercept:	0
Slope:	0.1665

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.198123	50.0	644550.0	0.198123	Y
3	STD5 460-964051/5	5.0	0.85664	50.0	635681.0	0.171328	Y
4	STD20 460-964051/6	20.0	2.935367	50.0	657686.0	0.146768	Y
5	STD50 460-964051/18	50.0	7.827425	50.0	645225.0	0.156548	Y
6	STD200 460-964051/8	200.0	32.268412	50.0	760682.0	0.161342	Y
7	STD500 460-964051/9	500.0	82.482071	50.0	813361.0	0.164964	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

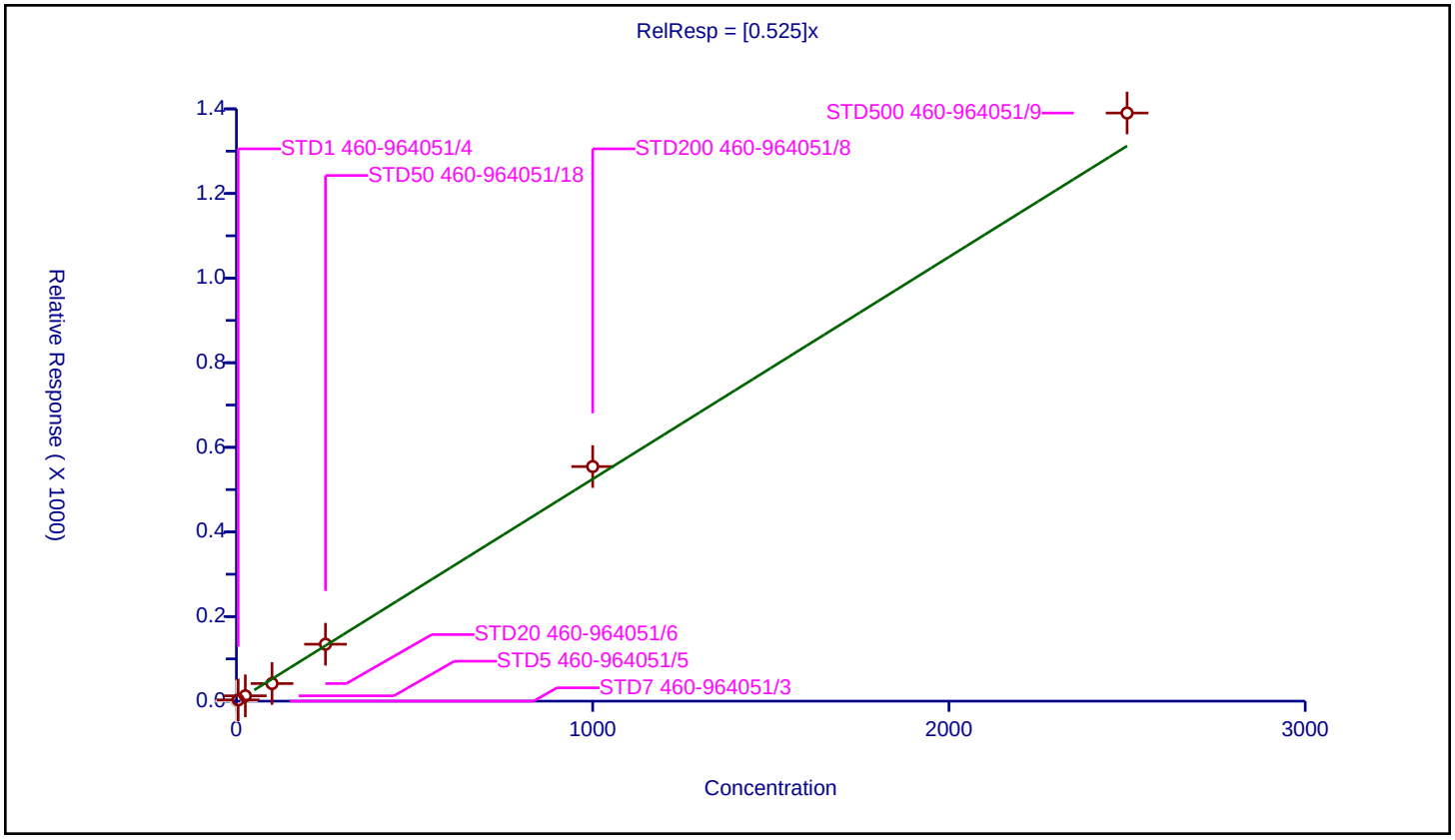
Curve Coefficients

Intercept:	0
Slope:	0.525

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	250.0	290012.0	NaN	N
2	STD1 460-964051/4	5.0	2.904596	250.0	335761.0	0.580919	Y
3	STD5 460-964051/5	25.0	12.599326	250.0	313866.0	0.503973	Y
4	STD20 460-964051/6	100.0	41.608952	250.0	319823.0	0.41609	Y
5	STD50 460-964051/18	250.0	134.558771	250.0	280240.0	0.538235	Y
6	STD200 460-964051/8	1000.0	554.517473	250.0	324075.0	0.554517	Y
7	STD500 460-964051/9	2500.0	1390.212862	250.0	366951.0	0.556085	Y



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Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

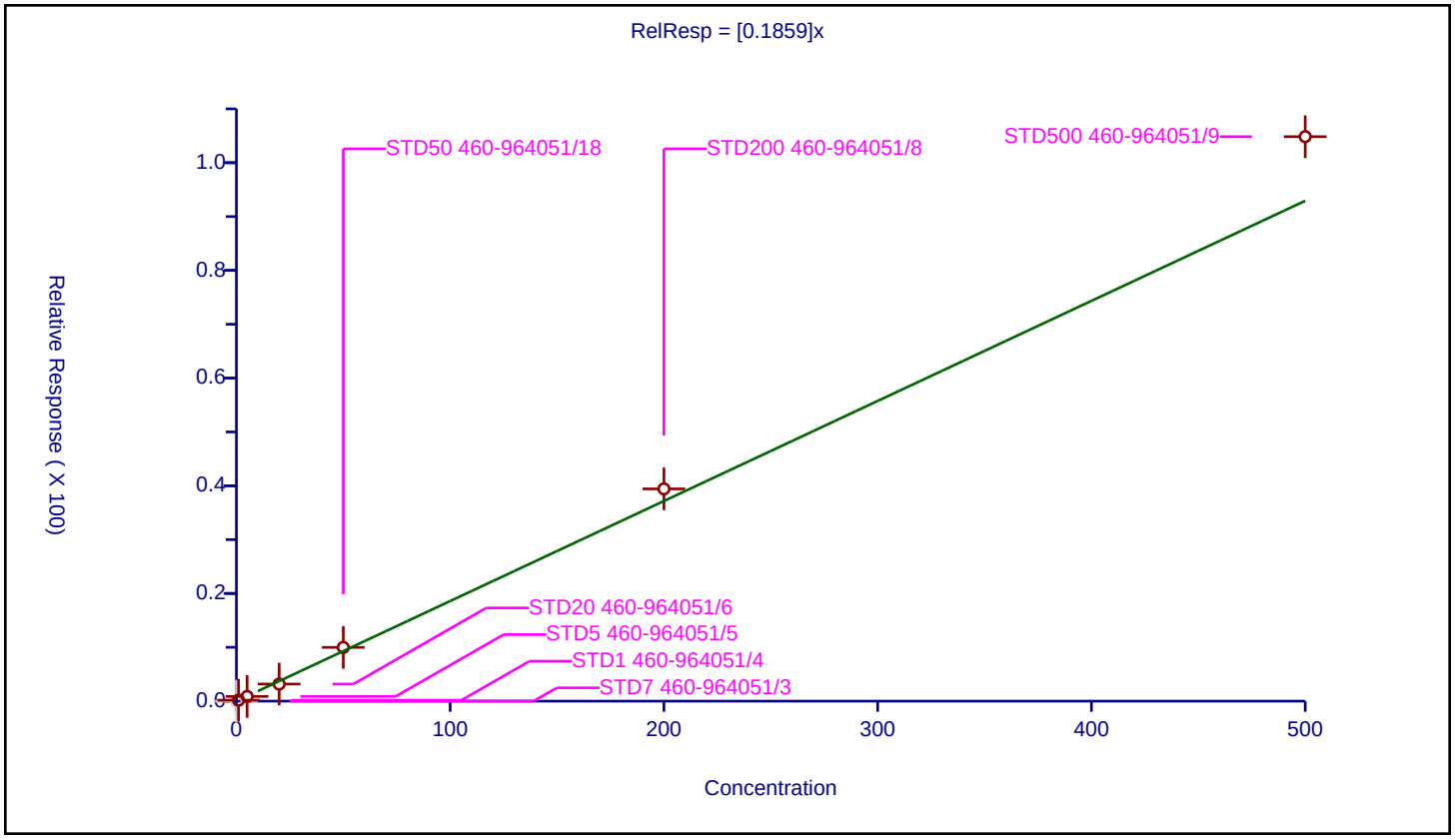
Curve Coefficients

Intercept:	0
Slope:	0.1859

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.175626	50.0	644550.0	0.175626	Y
3	STD5 460-964051/5	5.0	0.872372	50.0	635681.0	0.174474	Y
4	STD20 460-964051/6	20.0	3.172182	50.0	657686.0	0.158609	Y
5	STD50 460-964051/18	50.0	9.979929	50.0	645225.0	0.199599	Y
6	STD200 460-964051/8	200.0	39.425082	50.0	760682.0	0.197125	Y
7	STD500 460-964051/9	500.0	104.83918	50.0	813361.0	0.209678	Y



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Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

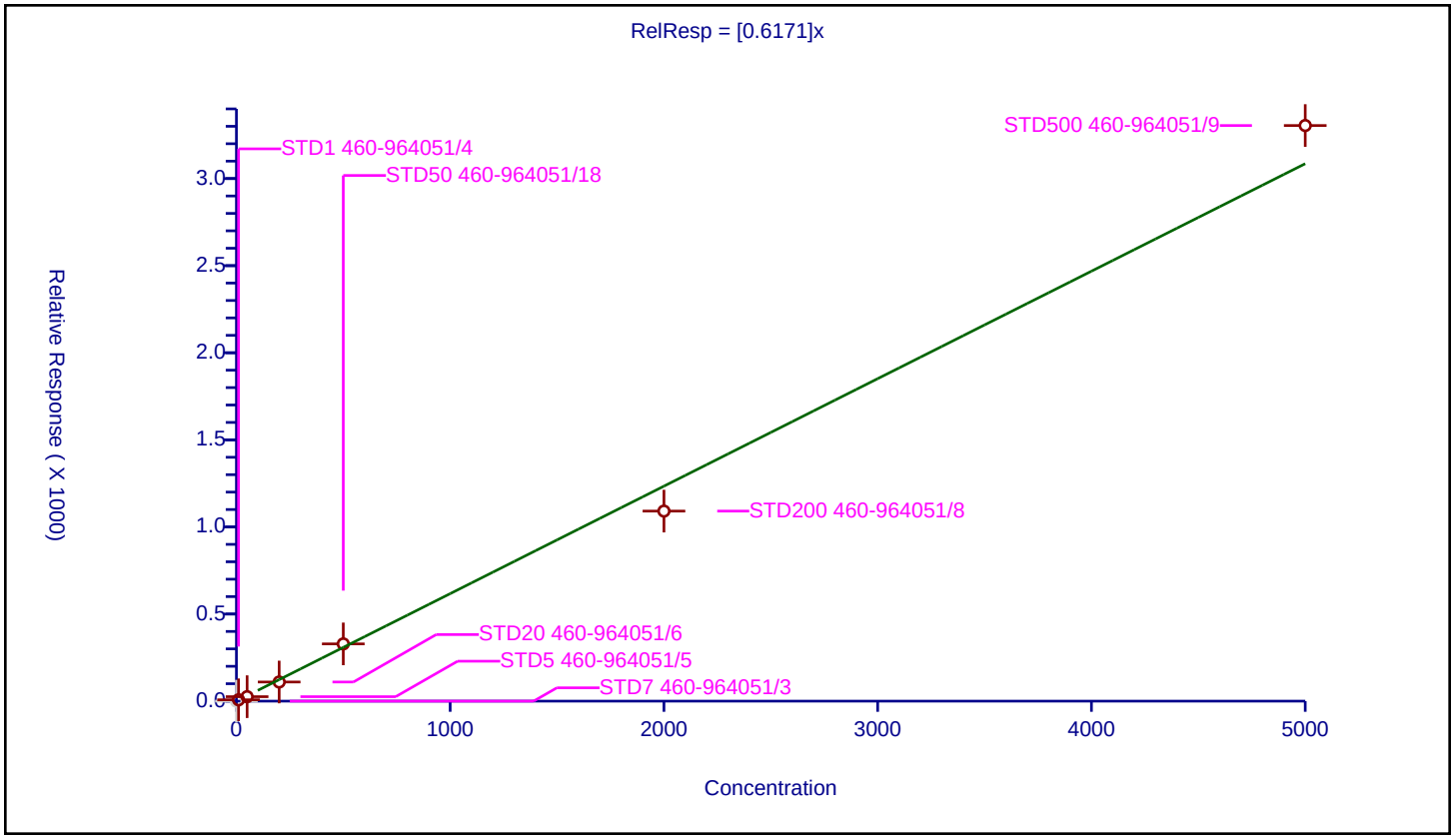
Curve Coefficients

Intercept:	0
Slope:	0.6171

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	1000.0	163701.0	NaN	N
2	STD1 460-964051/4	10.0	7.769082	1000.0	176340.0	0.776908	Y
3	STD5 460-964051/5	50.0	25.620734	1000.0	198394.0	0.512415	Y
4	STD20 460-964051/6	200.0	109.899574	1000.0	177644.0	0.549498	Y
5	STD50 460-964051/18	500.0	328.597955	1000.0	123327.0	0.657196	Y
6	STD200 460-964051/8	2000.0	1091.067885	1000.0	180909.0	0.545534	Y
7	STD500 460-964051/9	5000.0	3304.438833	1000.0	192055.0	0.660888	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

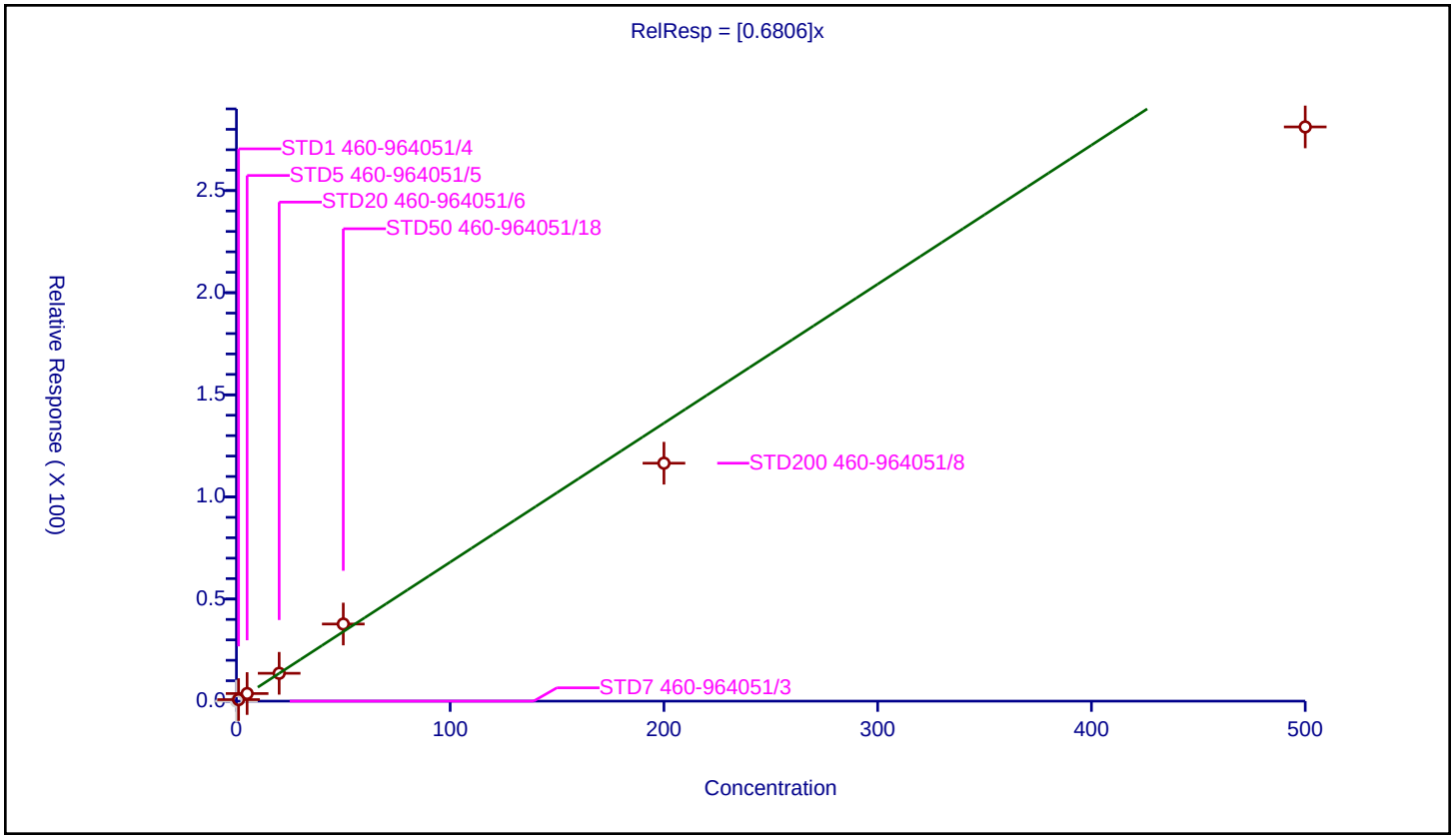
Curve Coefficients

Intercept:	0
Slope:	0.6806

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.756264	50.0	644550.0	0.756264	Y
3	STD5 460-964051/5	5.0	3.729622	50.0	635681.0	0.745924	Y
4	STD20 460-964051/6	20.0	13.629908	50.0	657686.0	0.681495	Y
5	STD50 460-964051/18	50.0	37.755667	50.0	645225.0	0.755113	Y
6	STD200 460-964051/8	200.0	116.510973	50.0	760682.0	0.582555	Y
7	STD500 460-964051/9	500.0	281.169677	50.0	813361.0	0.562339	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

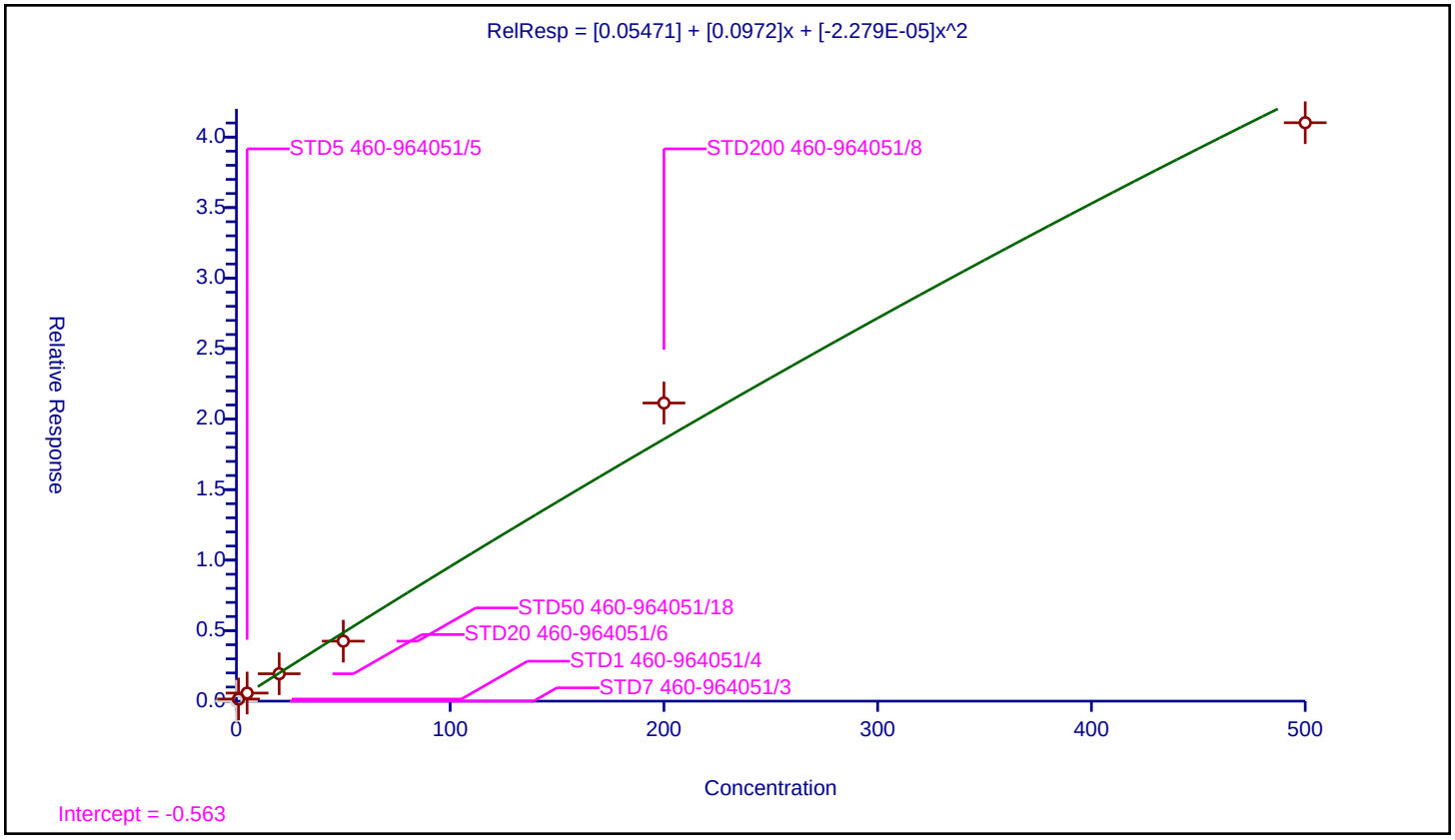
Curve Coefficients

Intercept:	0.05471
Slope:	0.0972
Second Order:	-2.279E-05

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.15088	50.0	644550.0	0.15088	Y
3	STD5 460-964051/5	5.0	0.572929	50.0	635681.0	0.114586	Y
4	STD20 460-964051/6	20.0	1.941732	50.0	657686.0	0.097087	Y
5	STD50 460-964051/18	50.0	4.25433	50.0	645225.0	0.085087	Y
6	STD200 460-964051/8	200.0	21.141489	50.0	760682.0	0.105707	Y
7	STD500 460-964051/9	500.0	41.020223	50.0	813361.0	0.08204	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

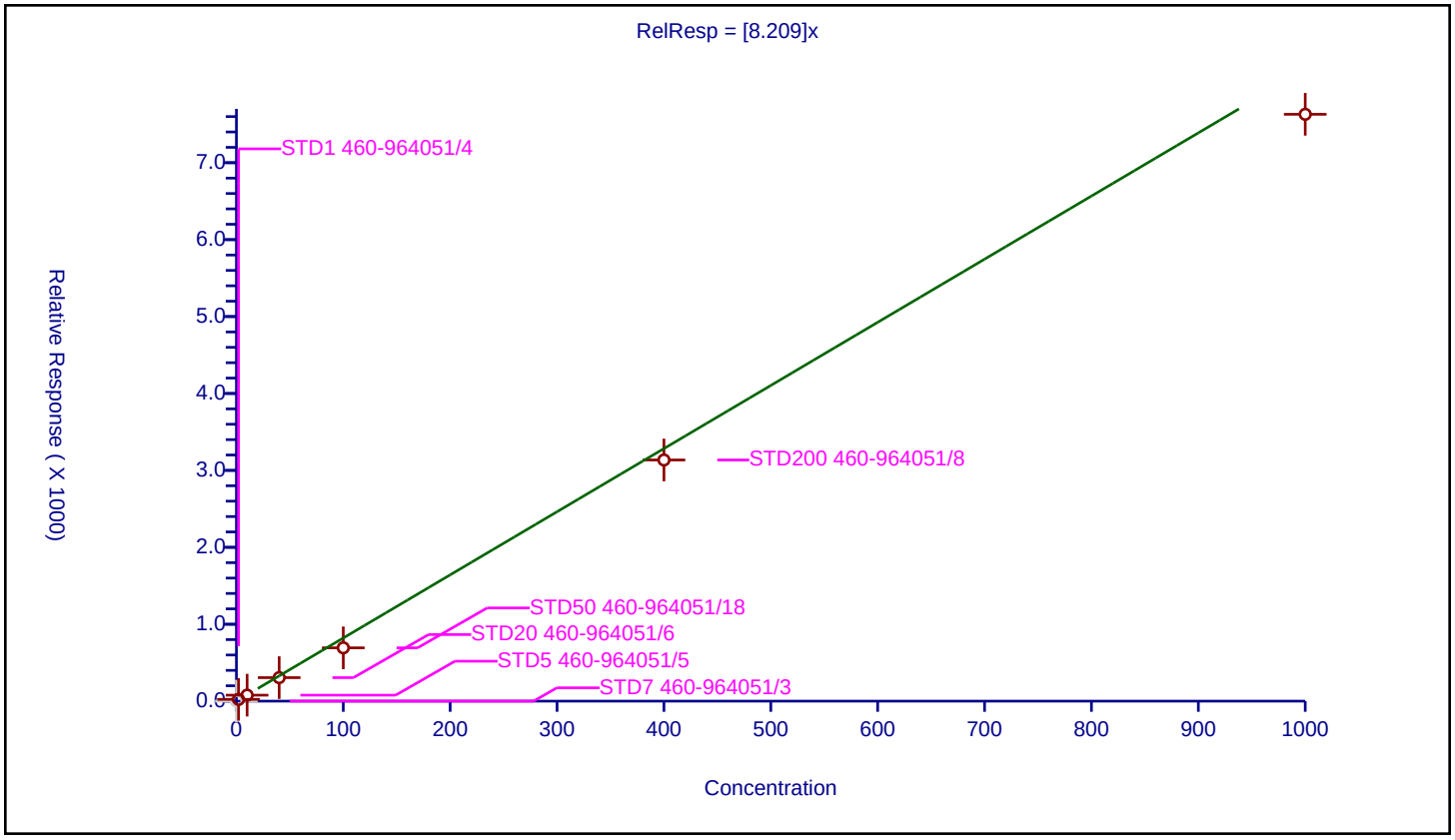
Curve Coefficients

Intercept:	0
Slope:	8.209

Error Coefficients

Relative Standard Deviation:	19.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	1000.0	163701.0	NaN	N
2	STD1 460-964051/4	2.0	22.853578	1000.0	176340.0	11.426789	Y
3	STD5 460-964051/5	10.0	77.865258	1000.0	198394.0	7.786526	Y
4	STD20 460-964051/6	40.0	305.566189	1000.0	177644.0	7.639155	Y
5	STD50 460-964051/18	100.0	693.230193	1000.0	123327.0	6.932302	Y
6	STD200 460-964051/8	400.0	3135.305596	1000.0	180909.0	7.838264	Y
7	STD500 460-964051/9	1000.0	7629.694619	1000.0	192055.0	7.629695	Y



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Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

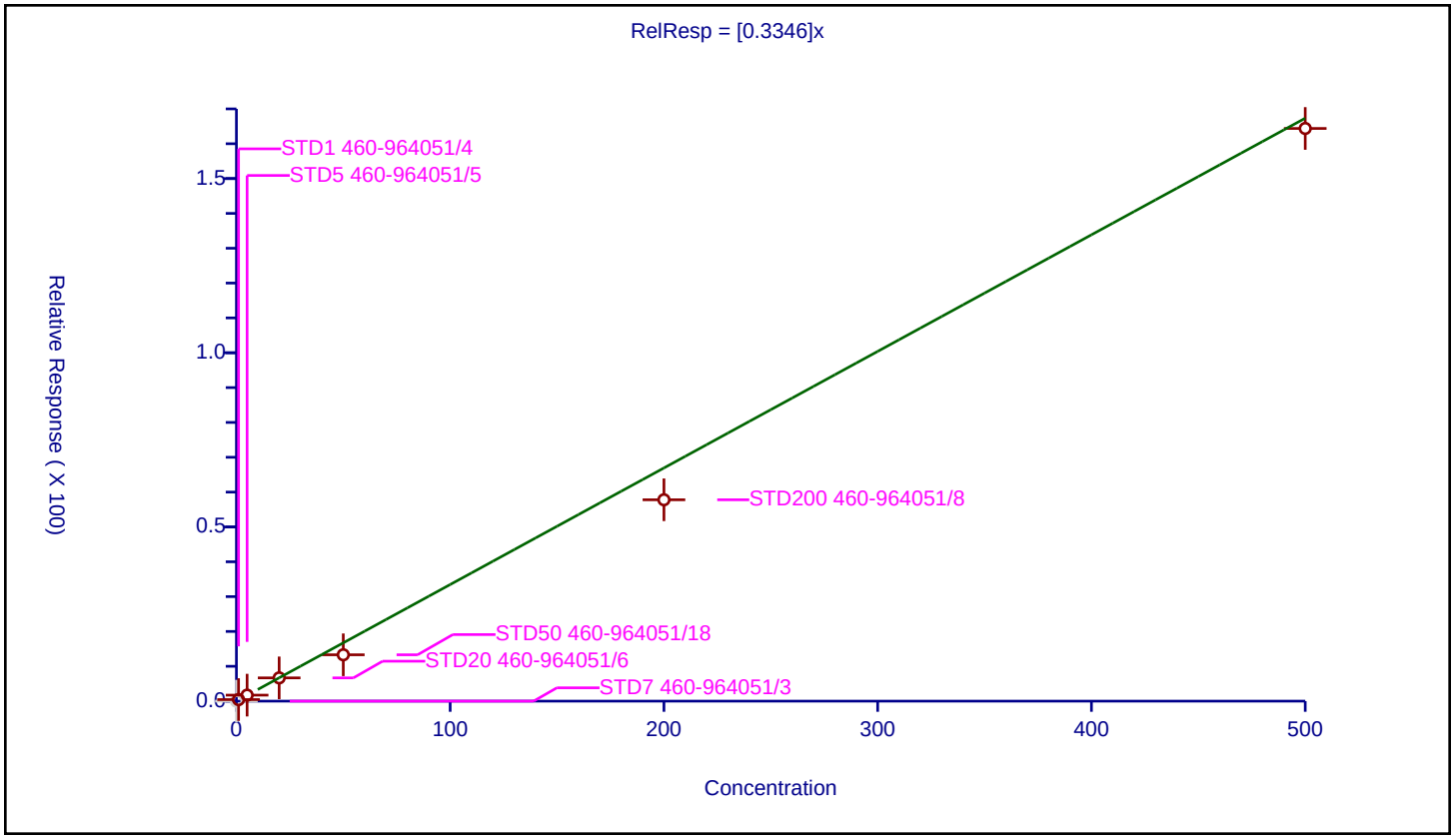
Curve Coefficients

Intercept:	0
Slope:	0.3346

Error Coefficients

Relative Standard Deviation:	18.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.444806	50.0	644550.0	0.444806	Y
3	STD5 460-964051/5	5.0	1.726574	50.0	635681.0	0.345315	Y
4	STD20 460-964051/6	20.0	6.675982	50.0	657686.0	0.333799	Y
5	STD50 460-964051/18	50.0	13.309931	50.0	645225.0	0.266199	Y
6	STD200 460-964051/8	200.0	57.797871	50.0	760682.0	0.288989	Y
7	STD500 460-964051/9	500.0	164.380453	50.0	813361.0	0.328761	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

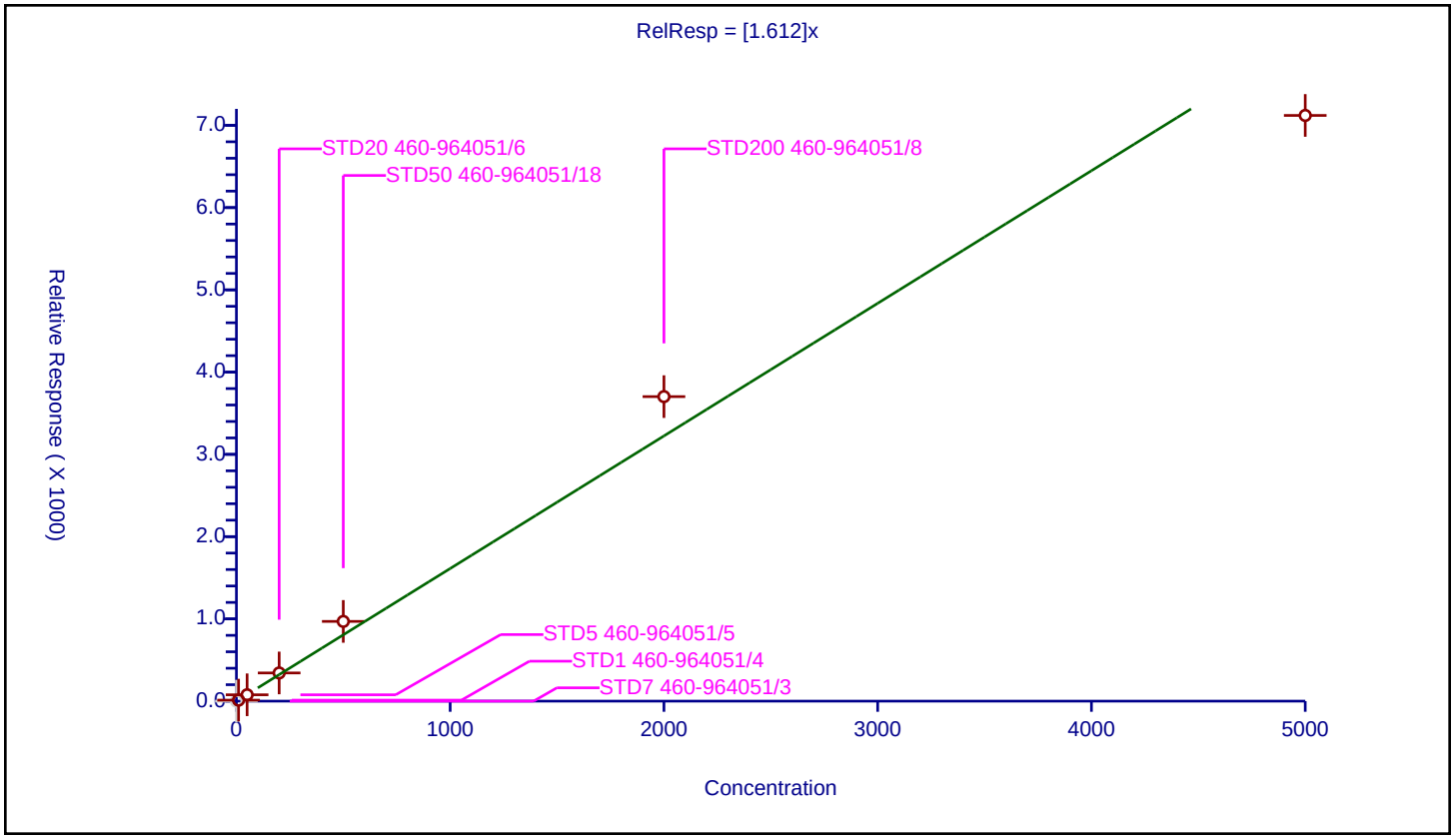
Curve Coefficients

Intercept:	0
Slope:	1.612

Error Coefficients

Relative Standard Deviation:	17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	1000.0	163701.0	NaN	N
2	STD1 460-964051/4	10.0	11.982534	1000.0	176340.0	1.198253	Y
3	STD5 460-964051/5	50.0	77.366251	1000.0	198394.0	1.547325	Y
4	STD20 460-964051/6	200.0	342.736034	1000.0	177644.0	1.71368	Y
5	STD50 460-964051/18	500.0	969.17139	1000.0	123327.0	1.938343	Y
6	STD200 460-964051/8	2000.0	3702.225981	1000.0	180909.0	1.851113	Y
7	STD500 460-964051/9	5000.0	7120.3197	1000.0	192055.0	1.424064	Y



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Calibration / Methylene Chloride

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

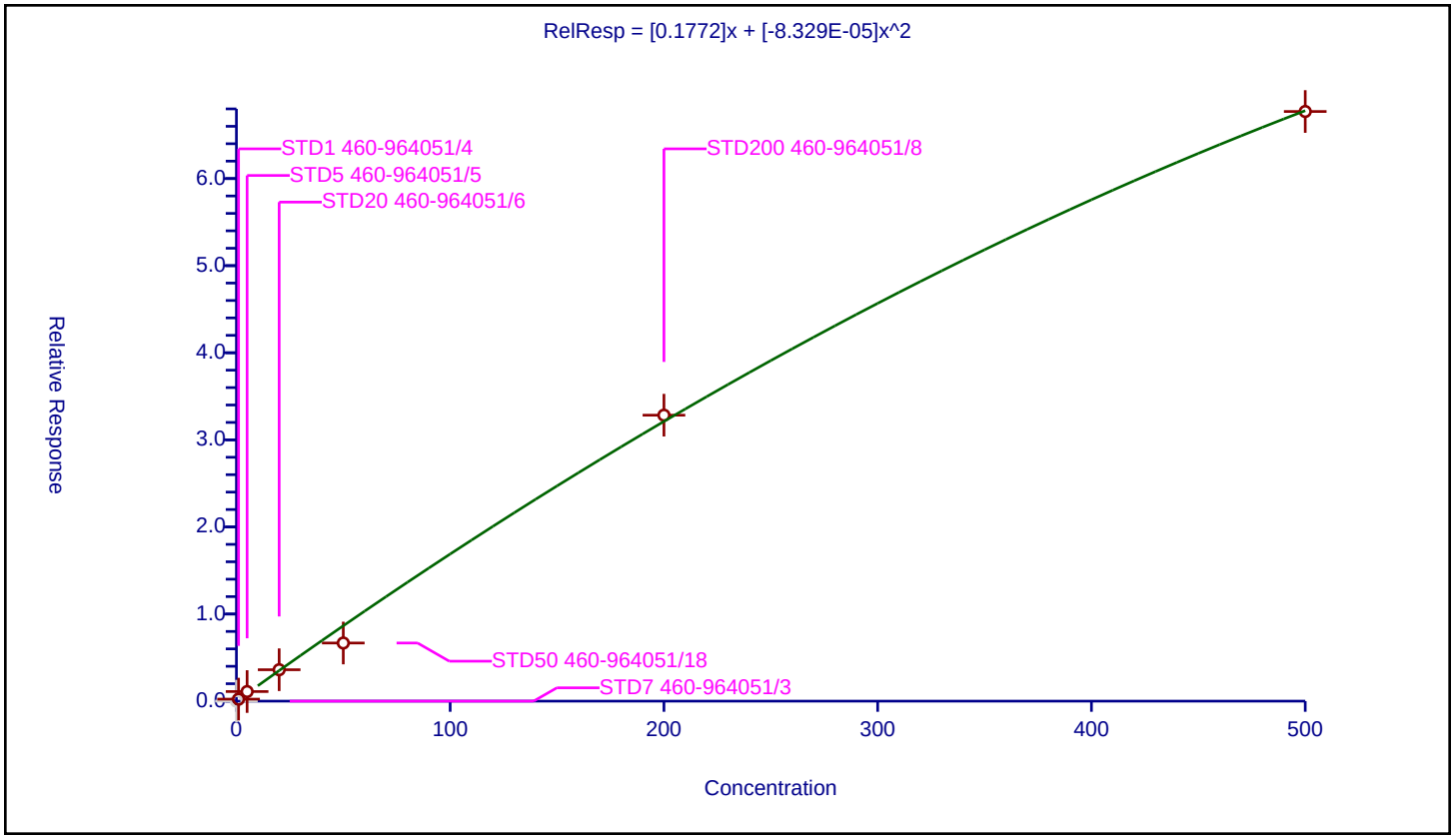
Curve Coefficients

Intercept:	0
Slope:	0.1772
Second Order:	-8.329E-05

Error Coefficients

Relative Standard Deviation:	23.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.231634	50.0	644550.0	0.231634	Y
3	STD5 460-964051/5	5.0	1.101181	50.0	635681.0	0.220236	Y
4	STD20 460-964051/6	20.0	3.60628	50.0	657686.0	0.180314	Y
5	STD50 460-964051/18	50.0	6.672866	50.0	645225.0	0.133457	Y
6	STD200 460-964051/8	200.0	32.833825	50.0	760682.0	0.164169	Y
7	STD500 460-964051/9	500.0	67.700074	50.0	813361.0	0.1354	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

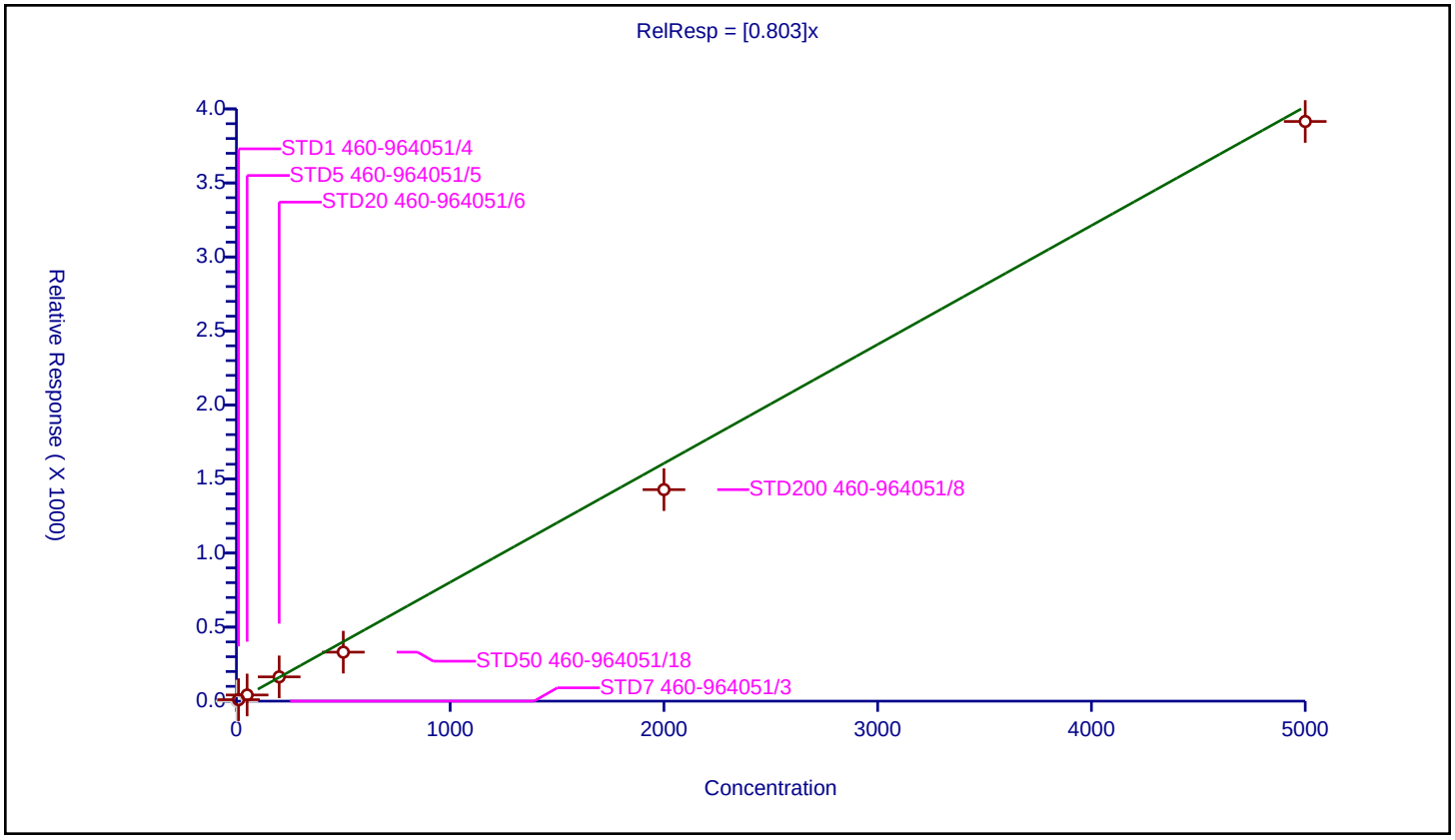
Curve Coefficients

Intercept:	0
Slope:	0.803

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	2.0	0.0	1000.0	163701.0	0.0	N
2	STD1 460-964051/4	10.0	10.065782	1000.0	176340.0	1.006578	Y
3	STD5 460-964051/5	50.0	41.624243	1000.0	198394.0	0.832485	Y
4	STD20 460-964051/6	200.0	163.990903	1000.0	177644.0	0.819955	Y
5	STD50 460-964051/18	500.0	330.965644	1000.0	123327.0	0.661931	Y
6	STD200 460-964051/8	2000.0	1428.464034	1000.0	180909.0	0.714232	Y
7	STD500 460-964051/9	5000.0	3915.06079	1000.0	192055.0	0.783012	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

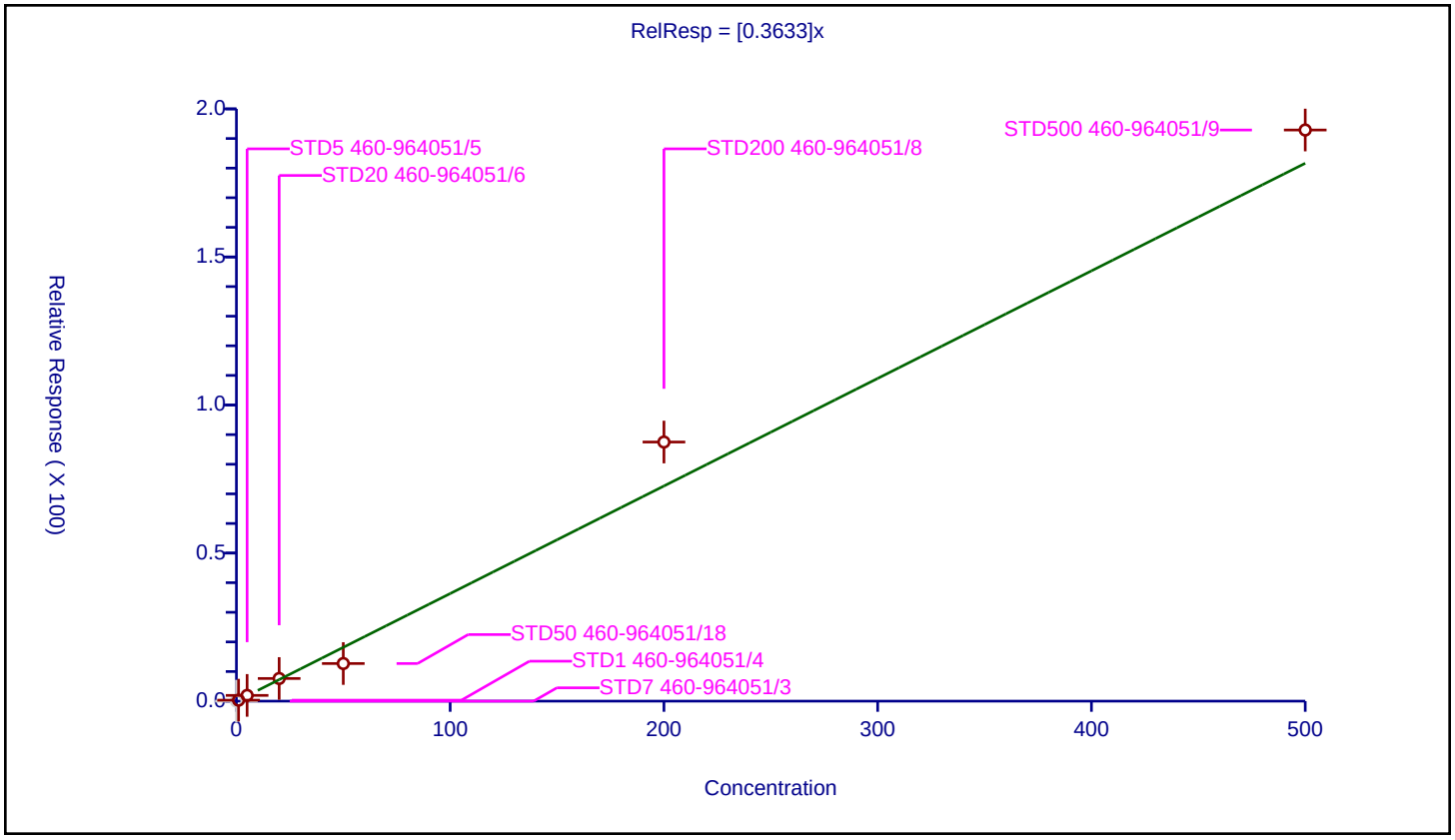
Curve Coefficients

Intercept:	0
Slope:	0.3633

Error Coefficients

Relative Standard Deviation:	17.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.332402	50.0	644550.0	0.332402	Y
3	STD5 460-964051/5	5.0	1.938158	50.0	635681.0	0.387632	Y
4	STD20 460-964051/6	20.0	7.64757	50.0	657686.0	0.382379	Y
5	STD50 460-964051/18	50.0	12.699833	50.0	645225.0	0.253997	Y
6	STD200 460-964051/8	200.0	87.497798	50.0	760682.0	0.437489	Y
7	STD500 460-964051/9	500.0	192.870816	50.0	813361.0	0.385742	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

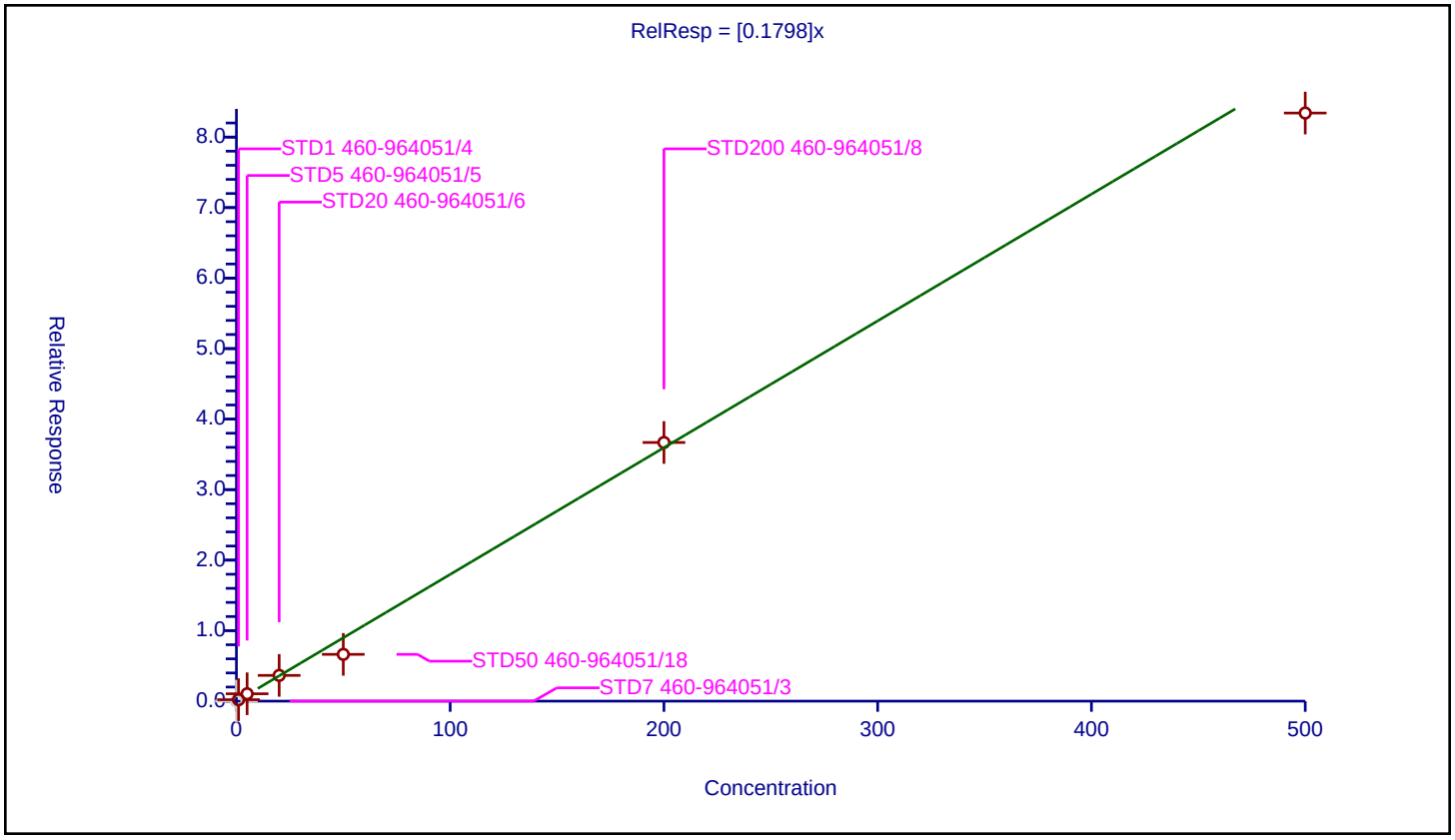
Curve Coefficients

Intercept:	0
Slope:	0.1798

Error Coefficients

Relative Standard Deviation:	15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.204406	50.0	644550.0	0.204406	Y
3	STD5 460-964051/5	5.0	1.043605	50.0	635681.0	0.208721	Y
4	STD20 460-964051/6	20.0	3.65121	50.0	657686.0	0.182561	Y
5	STD50 460-964051/18	50.0	6.633655	50.0	645225.0	0.132673	Y
6	STD200 460-964051/8	200.0	36.684317	50.0	760682.0	0.183422	Y
7	STD500 460-964051/9	500.0	83.410872	50.0	813361.0	0.166822	Y



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Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

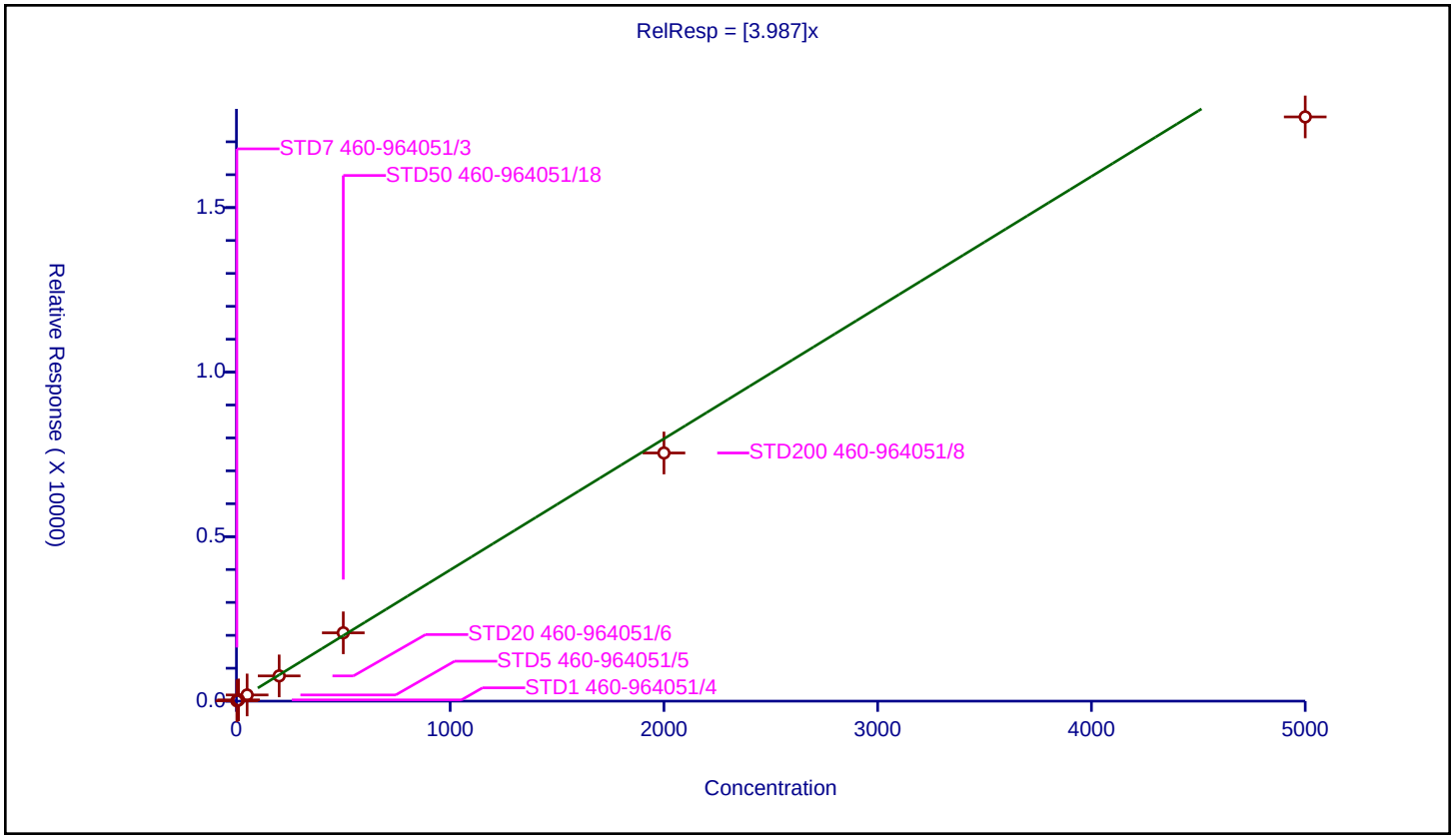
Curve Coefficients

Intercept:	0
Slope:	3.987

Error Coefficients

Relative Standard Deviation:	12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	2.0	10.13433	1000.0	163701.0	5.067165	Y
2	STD1 460-964051/4	10.0	37.733923	1000.0	176340.0	3.773392	Y
3	STD5 460-964051/5	50.0	187.81314	1000.0	198394.0	3.756263	Y
4	STD20 460-964051/6	200.0	766.837045	1000.0	177644.0	3.834185	Y
5	STD50 460-964051/18	500.0	2076.812053	1000.0	123327.0	4.153624	Y
6	STD200 460-964051/8	2000.0	7542.3058	1000.0	180909.0	3.771153	Y
7	STD500 460-964051/9	5000.0	17756.106324	1000.0	192055.0	3.551221	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

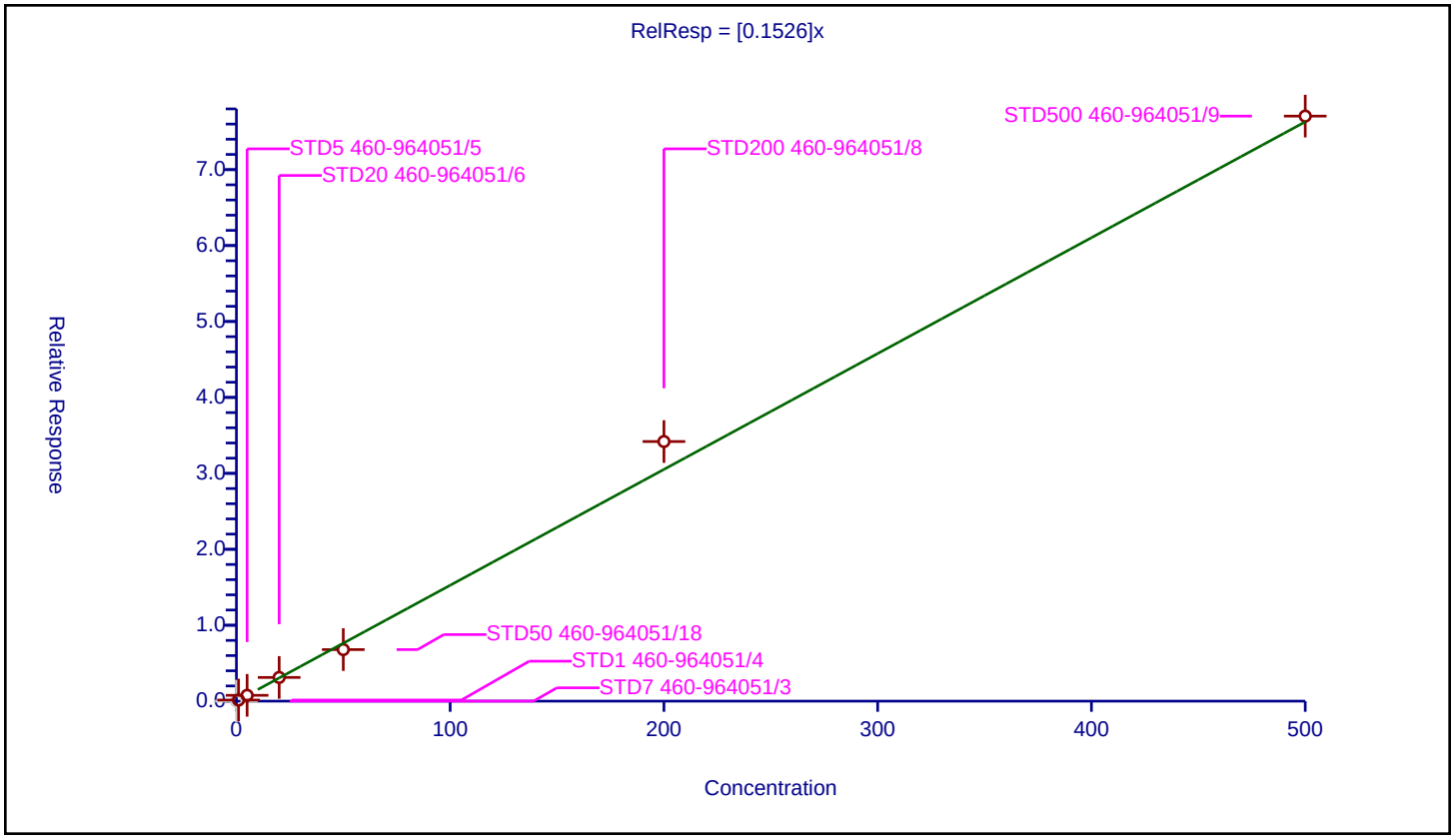
Curve Coefficients

Intercept:	0
Slope:	0.1526

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.145605	50.0	644550.0	0.145605	Y
3	STD5 460-964051/5	5.0	0.765793	50.0	635681.0	0.153159	Y
4	STD20 460-964051/6	20.0	3.118738	50.0	657686.0	0.155937	Y
5	STD50 460-964051/18	50.0	6.789879	50.0	645225.0	0.135798	Y
6	STD200 460-964051/8	200.0	34.190503	50.0	760682.0	0.170953	Y
7	STD500 460-964051/9	500.0	77.049182	50.0	813361.0	0.154098	Y



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Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

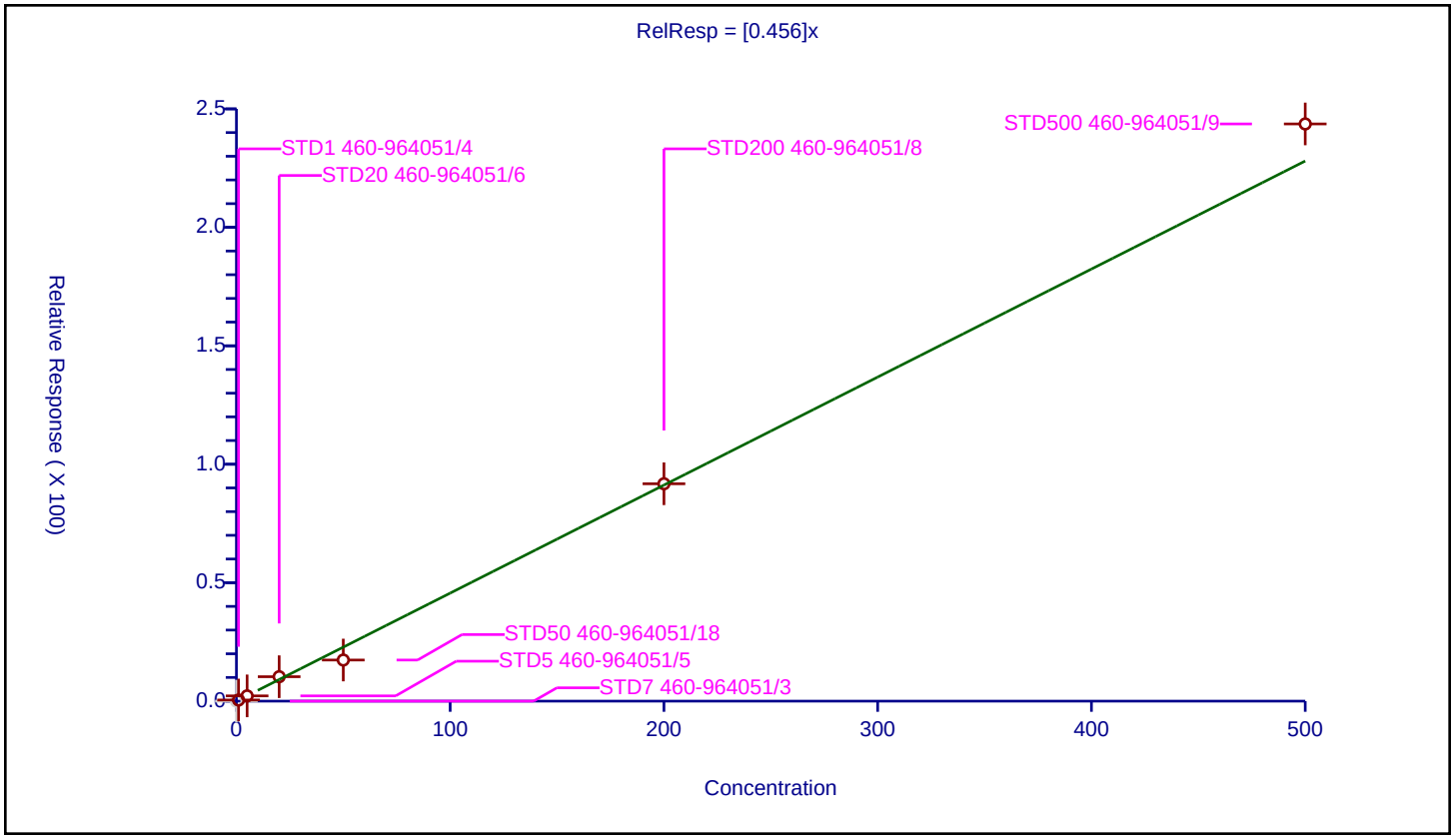
Curve Coefficients

Intercept:	0
Slope:	0.456

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.483205	50.0	644550.0	0.483205	Y
3	STD5 460-964051/5	5.0	2.218566	50.0	635681.0	0.443713	Y
4	STD20 460-964051/6	20.0	10.317081	50.0	657686.0	0.515854	Y
5	STD50 460-964051/18	50.0	17.355109	50.0	645225.0	0.347102	Y
6	STD200 460-964051/8	200.0	91.752598	50.0	760682.0	0.458763	Y
7	STD500 460-964051/9	500.0	243.642614	50.0	813361.0	0.487285	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

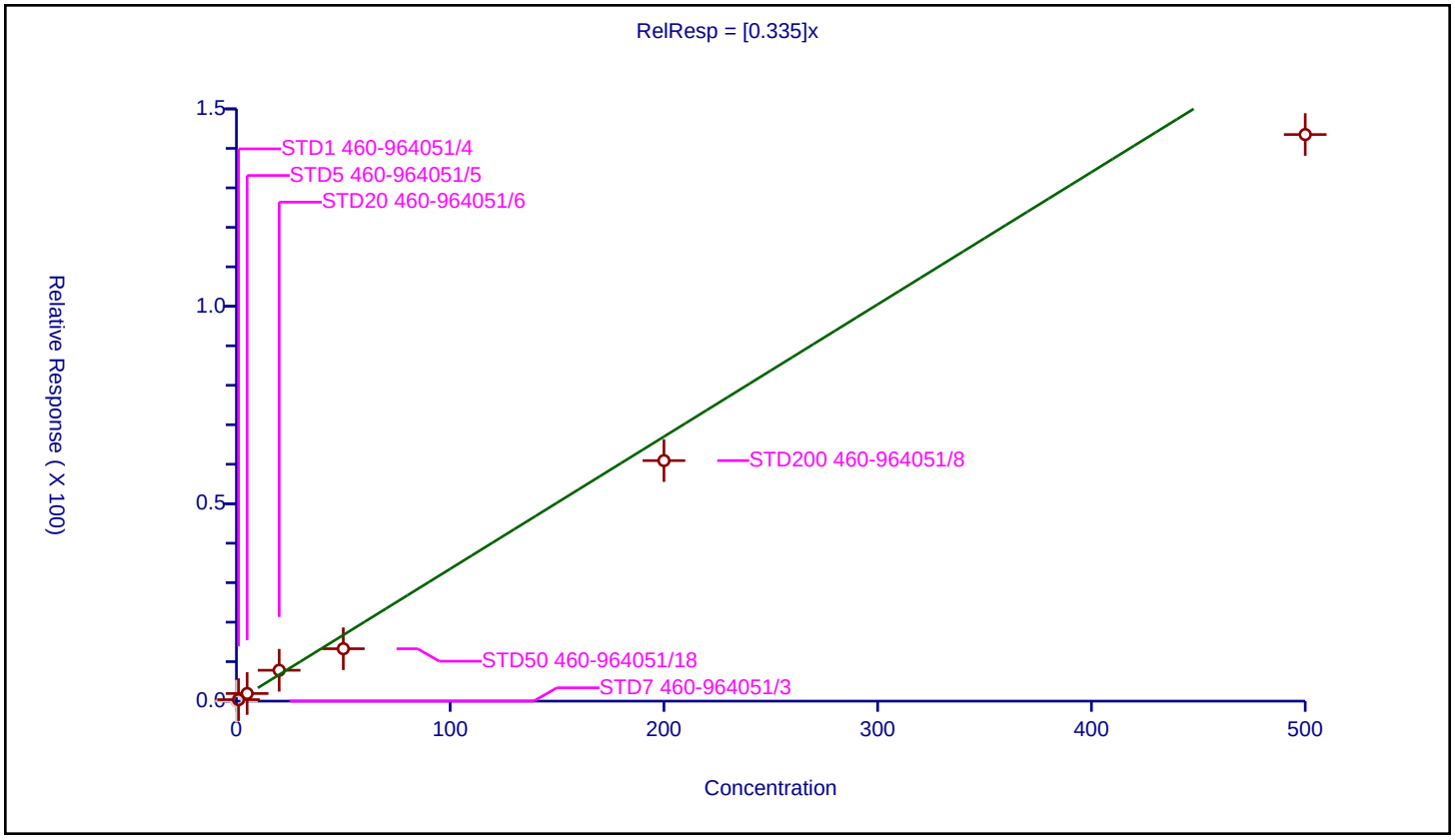
Curve Coefficients

Intercept:	0
Slope:	0.335

Error Coefficients

Relative Standard Deviation:	16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.374602	50.0	644550.0	0.374602	Y
3	STD5 460-964051/5	5.0	1.934618	50.0	635681.0	0.386924	Y
4	STD20 460-964051/6	20.0	7.824403	50.0	657686.0	0.39122	Y
5	STD50 460-964051/18	50.0	13.271727	50.0	645225.0	0.265435	Y
6	STD200 460-964051/8	200.0	60.921252	50.0	760682.0	0.304606	Y
7	STD500 460-964051/9	500.0	143.502332	50.0	813361.0	0.287005	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

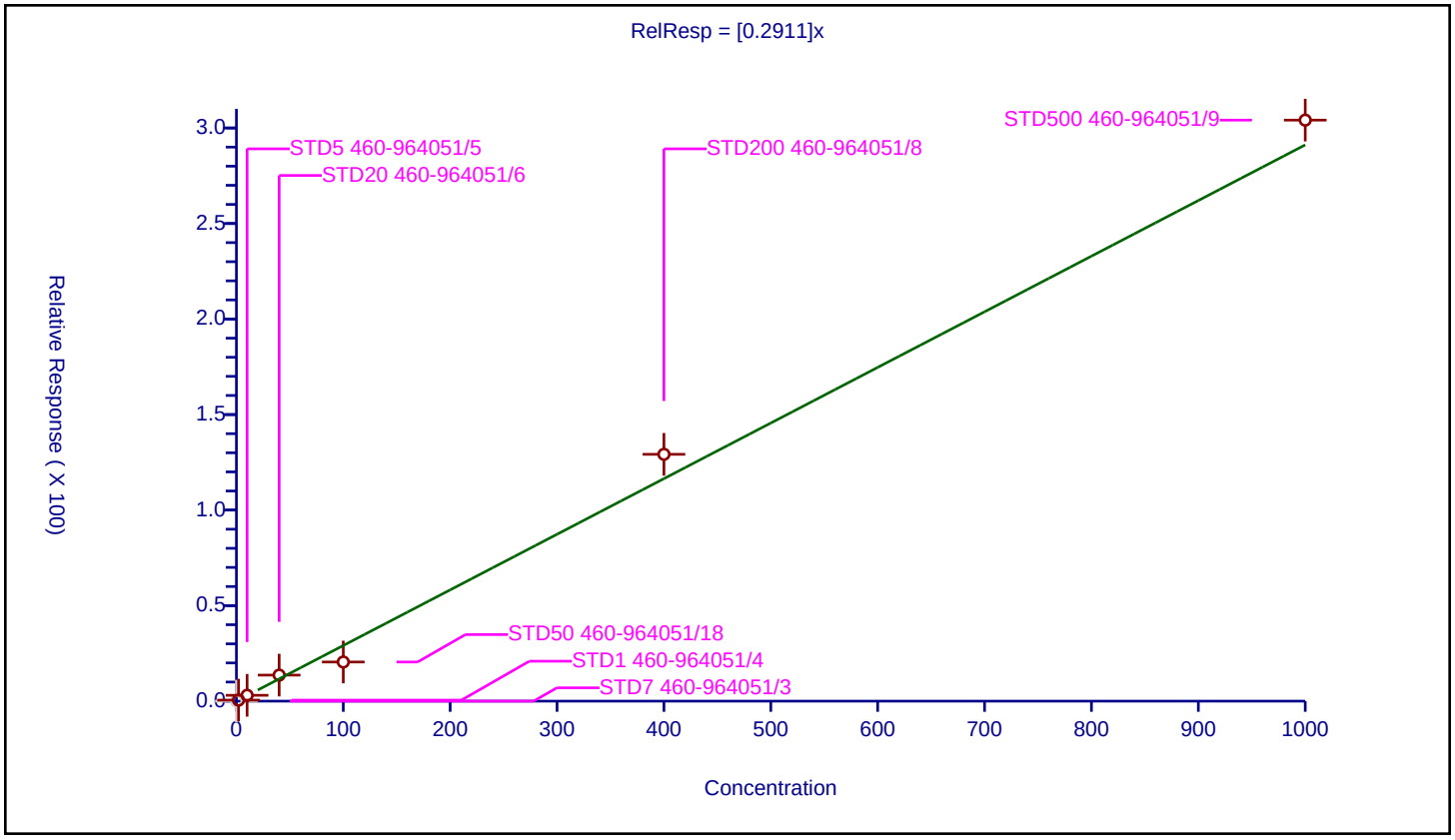
Curve Coefficients

Intercept:	0
Slope:	0.2911

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	2.0	0.537041	50.0	644550.0	0.268521	Y
3	STD5 460-964051/5	10.0	3.056958	50.0	635681.0	0.305696	Y
4	STD20 460-964051/6	40.0	13.629224	50.0	657686.0	0.340731	Y
5	STD50 460-964051/18	100.0	20.48084	50.0	645225.0	0.204808	Y
6	STD200 460-964051/8	400.0	129.20077	50.0	760682.0	0.323002	Y
7	STD500 460-964051/9	1000.0	304.122032	50.0	813361.0	0.304122	Y



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Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

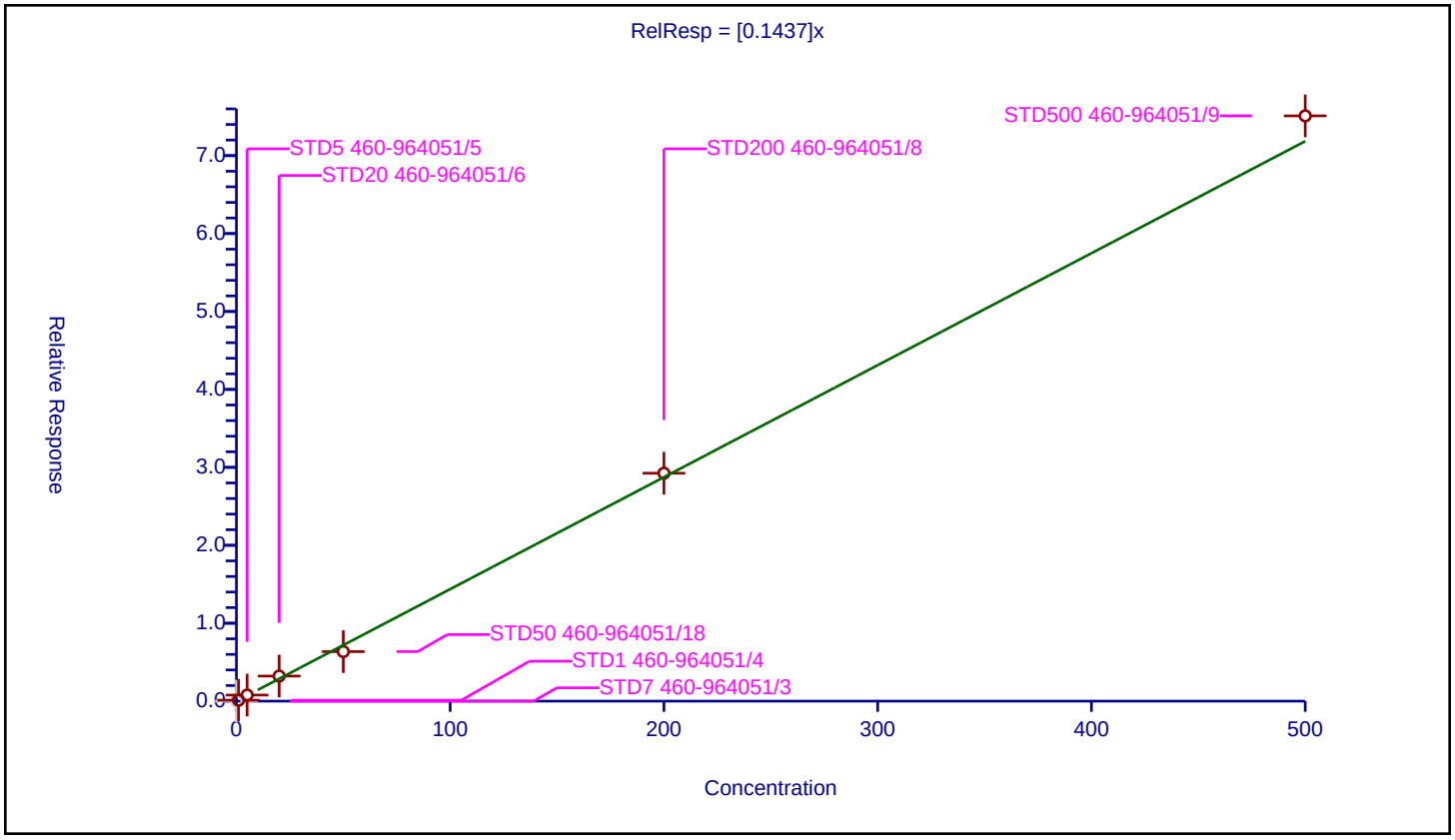
Curve Coefficients

Intercept:	0
Slope:	0.1437

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.121325	50.0	644550.0	0.121325	Y
3	STD5 460-964051/5	5.0	0.782389	50.0	635681.0	0.156478	Y
4	STD20 460-964051/6	20.0	3.216429	50.0	657686.0	0.160821	Y
5	STD50 460-964051/18	50.0	6.355457	50.0	645225.0	0.127109	Y
6	STD200 460-964051/8	200.0	29.247899	50.0	760682.0	0.146239	Y
7	STD500 460-964051/9	500.0	75.104167	50.0	813361.0	0.150208	Y



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Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

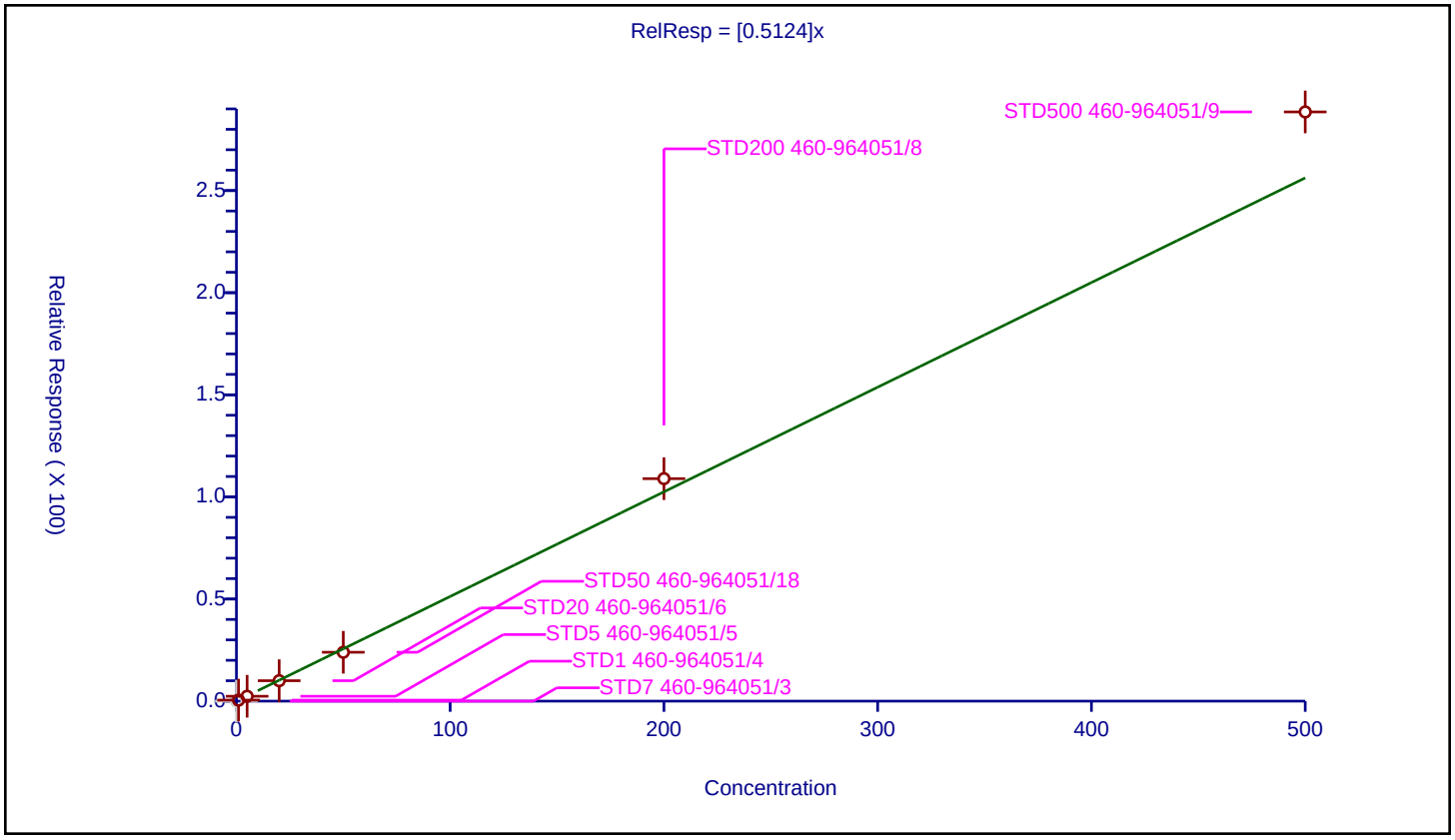
Curve Coefficients

Intercept:	0
Slope:	0.5124

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.495617	50.0	644550.0	0.495617	Y
3	STD5 460-964051/5	5.0	2.389721	50.0	635681.0	0.477944	Y
4	STD20 460-964051/6	20.0	10.007739	50.0	657686.0	0.500387	Y
5	STD50 460-964051/18	50.0	23.938394	50.0	645225.0	0.478768	Y
6	STD200 460-964051/8	200.0	108.942699	50.0	760682.0	0.544713	Y
7	STD500 460-964051/9	500.0	288.51162	50.0	813361.0	0.577023	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

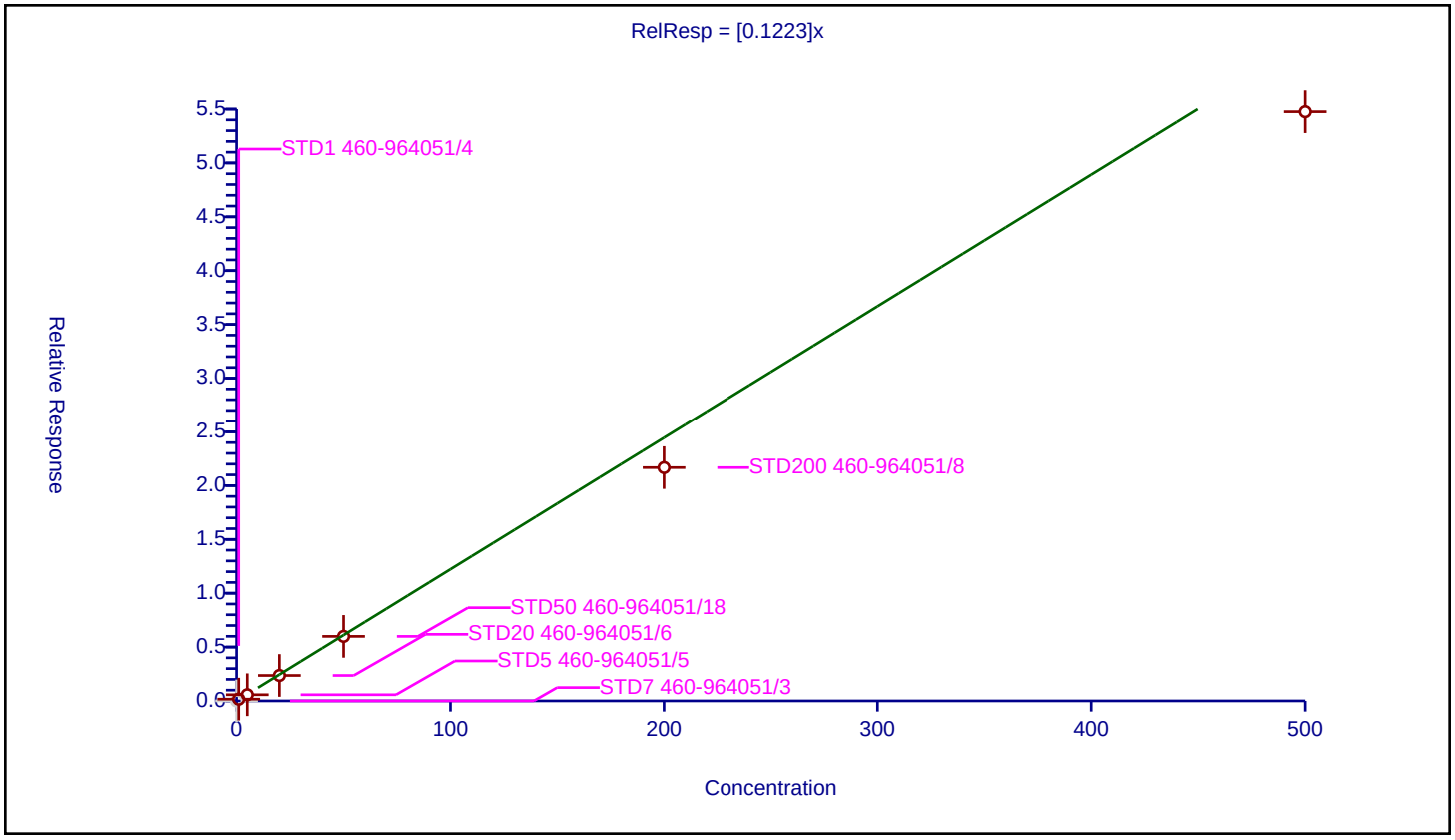
Curve Coefficients

Intercept:	0
Slope:	0.1223

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.163525	50.0	644550.0	0.163525	Y
3	STD5 460-964051/5	5.0	0.572378	50.0	635681.0	0.114476	Y
4	STD20 460-964051/6	20.0	2.359637	50.0	657686.0	0.117982	Y
5	STD50 460-964051/18	50.0	5.991398	50.0	645225.0	0.119828	Y
6	STD200 460-964051/8	200.0	21.677587	50.0	760682.0	0.108388	Y
7	STD500 460-964051/9	500.0	54.75908	50.0	813361.0	0.109518	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

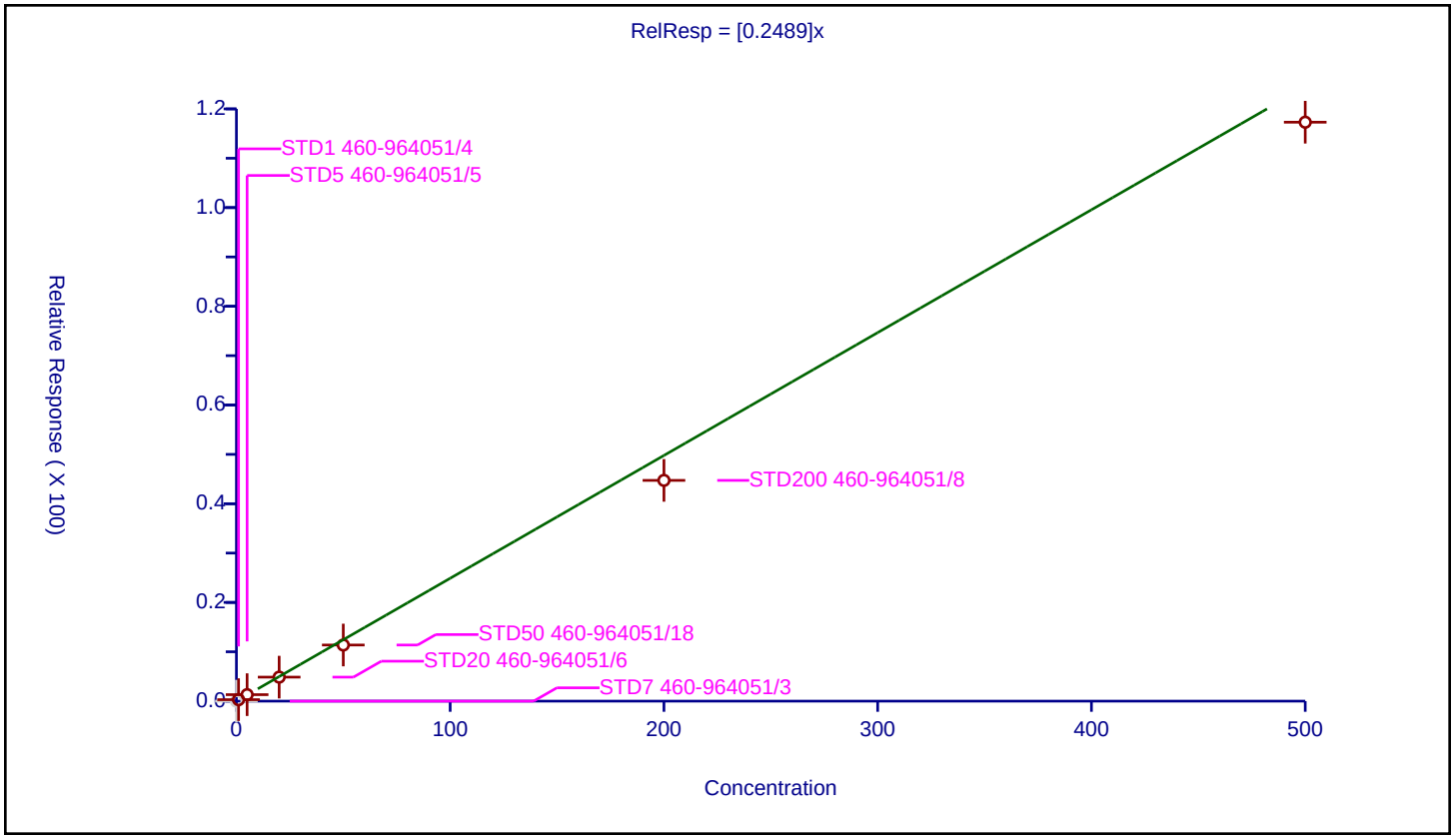
Curve Coefficients

Intercept:	0
Slope:	0.2489

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.301218	50.0	644550.0	0.301218	Y
3	STD5 460-964051/5	5.0	1.316462	50.0	635681.0	0.263292	Y
4	STD20 460-964051/6	20.0	4.863035	50.0	657686.0	0.243152	Y
5	STD50 460-964051/18	50.0	11.375024	50.0	645225.0	0.2275	Y
6	STD200 460-964051/8	200.0	44.726772	50.0	760682.0	0.223634	Y
7	STD500 460-964051/9	500.0	117.299391	50.0	813361.0	0.234599	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

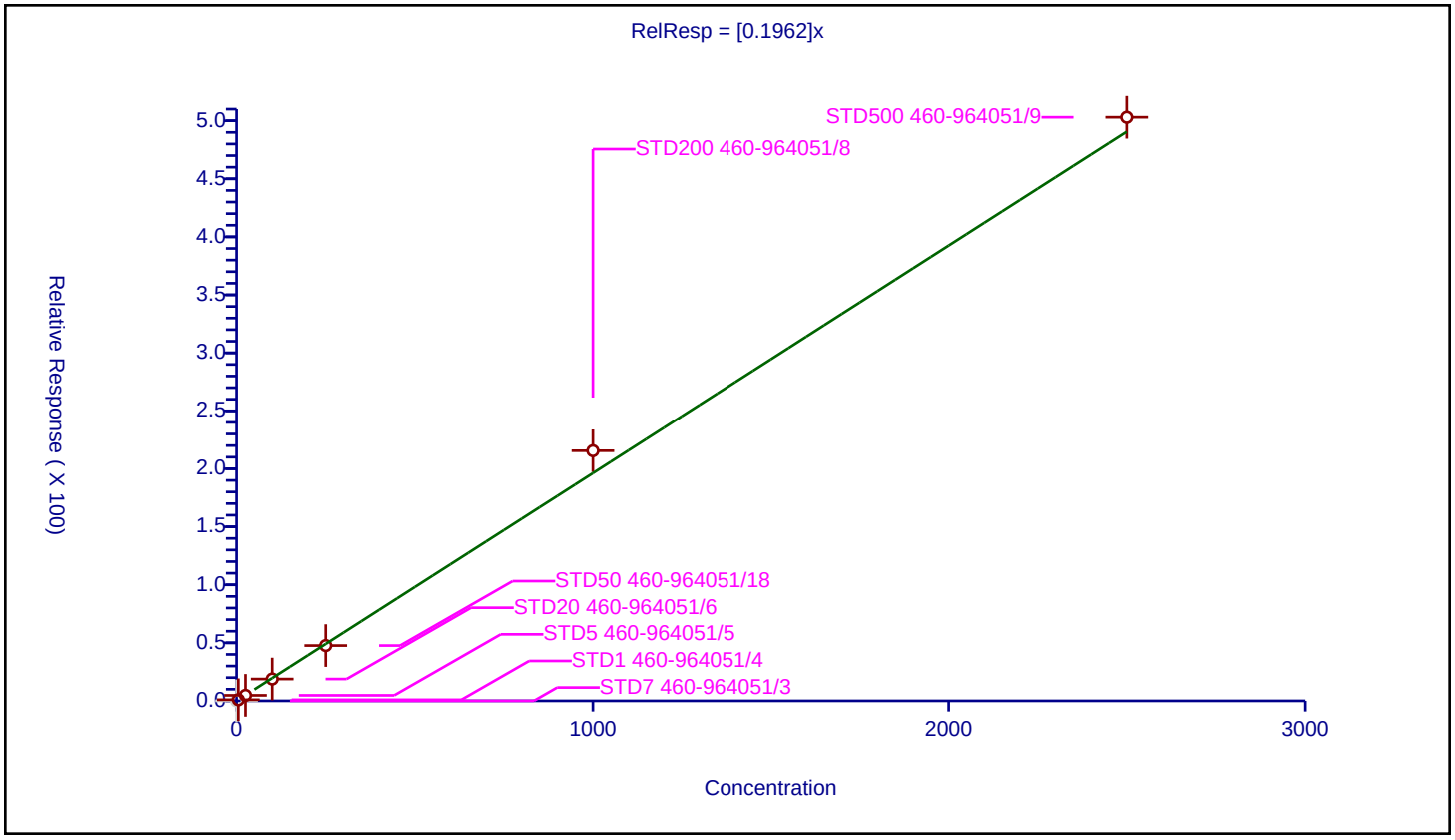
Curve Coefficients

Intercept:	0
Slope:	0.1962

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	250.0	290012.0	NaN	N
2	STD1 460-964051/4	5.0	0.960505	250.0	335761.0	0.192101	Y
3	STD5 460-964051/5	25.0	4.743266	250.0	313866.0	0.189731	Y
4	STD20 460-964051/6	100.0	18.826038	250.0	319823.0	0.18826	Y
5	STD50 460-964051/18	250.0	47.649336	250.0	280240.0	0.190597	Y
6	STD200 460-964051/8	1000.0	215.584355	250.0	324075.0	0.215584	Y
7	STD500 460-964051/9	2500.0	502.996313	250.0	366951.0	0.201199	Y



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Calibration / Ethyl acetate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

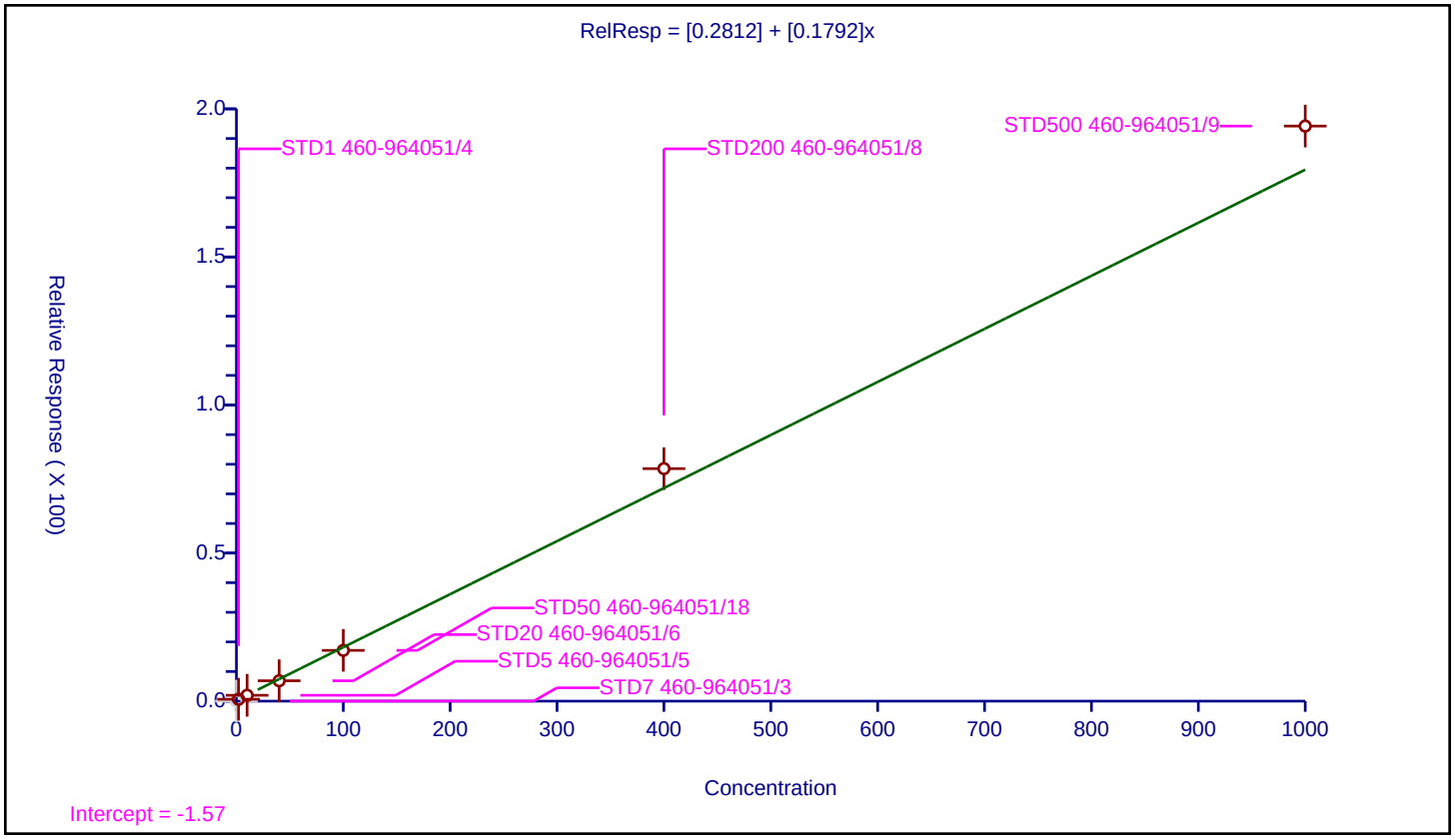
Curve Coefficients

Intercept:	0.2812
Slope:	0.1792

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	250.0	290012.0	NaN	N
2	STD1 460-964051/4	2.0	0.644804	250.0	335761.0	0.322402	Y
3	STD5 460-964051/5	10.0	1.981737	250.0	313866.0	0.198174	Y
4	STD20 460-964051/6	40.0	6.883495	250.0	319823.0	0.172087	Y
5	STD50 460-964051/18	100.0	17.147802	250.0	280240.0	0.171478	Y
6	STD200 460-964051/8	400.0	78.515004	250.0	324075.0	0.196288	Y
7	STD500 460-964051/9	1000.0	194.194865	250.0	366951.0	0.194195	Y



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

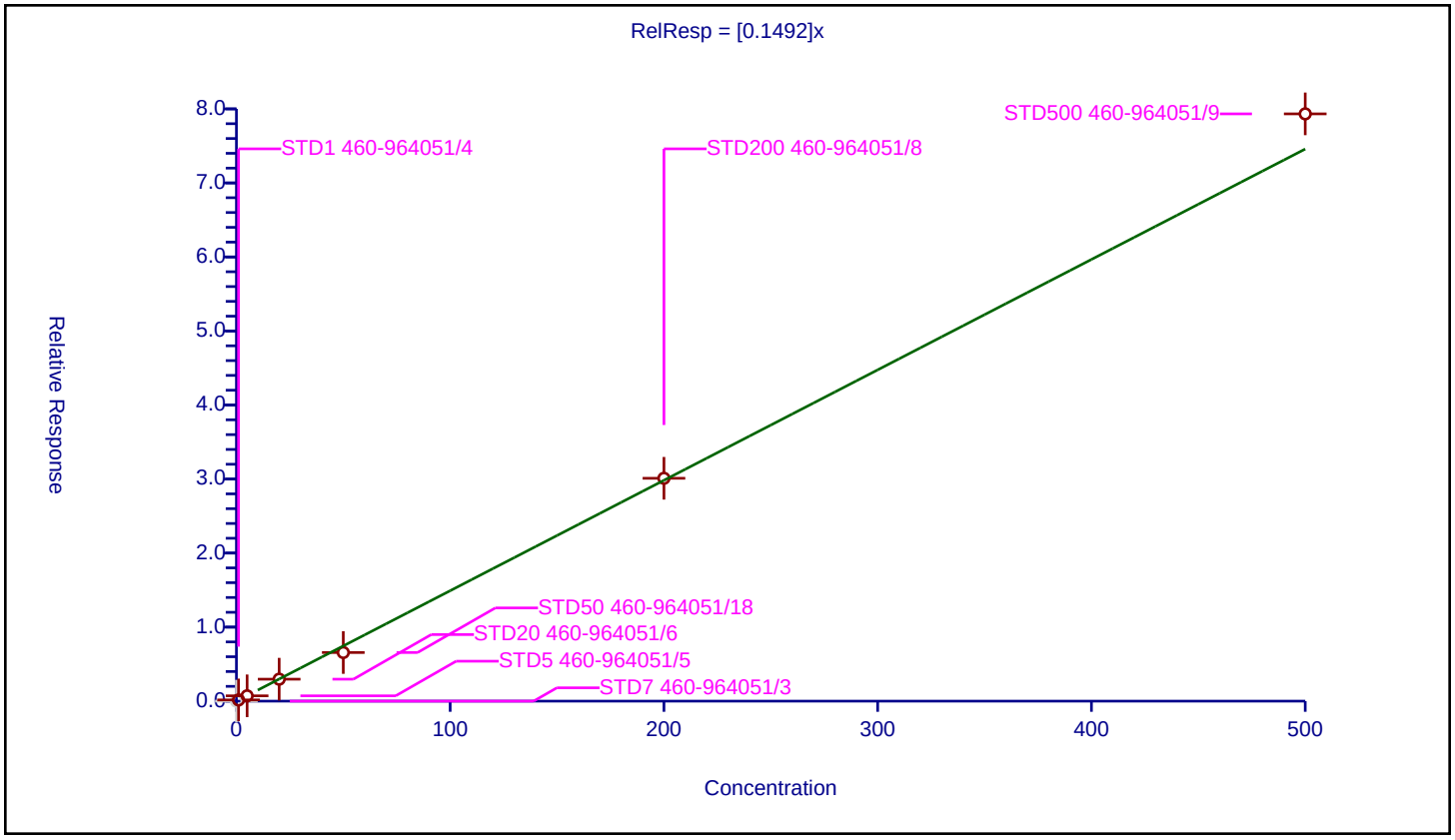
Curve Coefficients

Intercept:	0
Slope:	0.1492

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.162516	50.0	644550.0	0.162516	Y
3	STD5 460-964051/5	5.0	0.717734	50.0	635681.0	0.143547	Y
4	STD20 460-964051/6	20.0	2.966385	50.0	657686.0	0.148319	Y
5	STD50 460-964051/18	50.0	6.568716	50.0	645225.0	0.131374	Y
6	STD200 460-964051/8	200.0	30.104104	50.0	760682.0	0.150521	Y
7	STD500 460-964051/9	500.0	79.327445	50.0	813361.0	0.158655	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

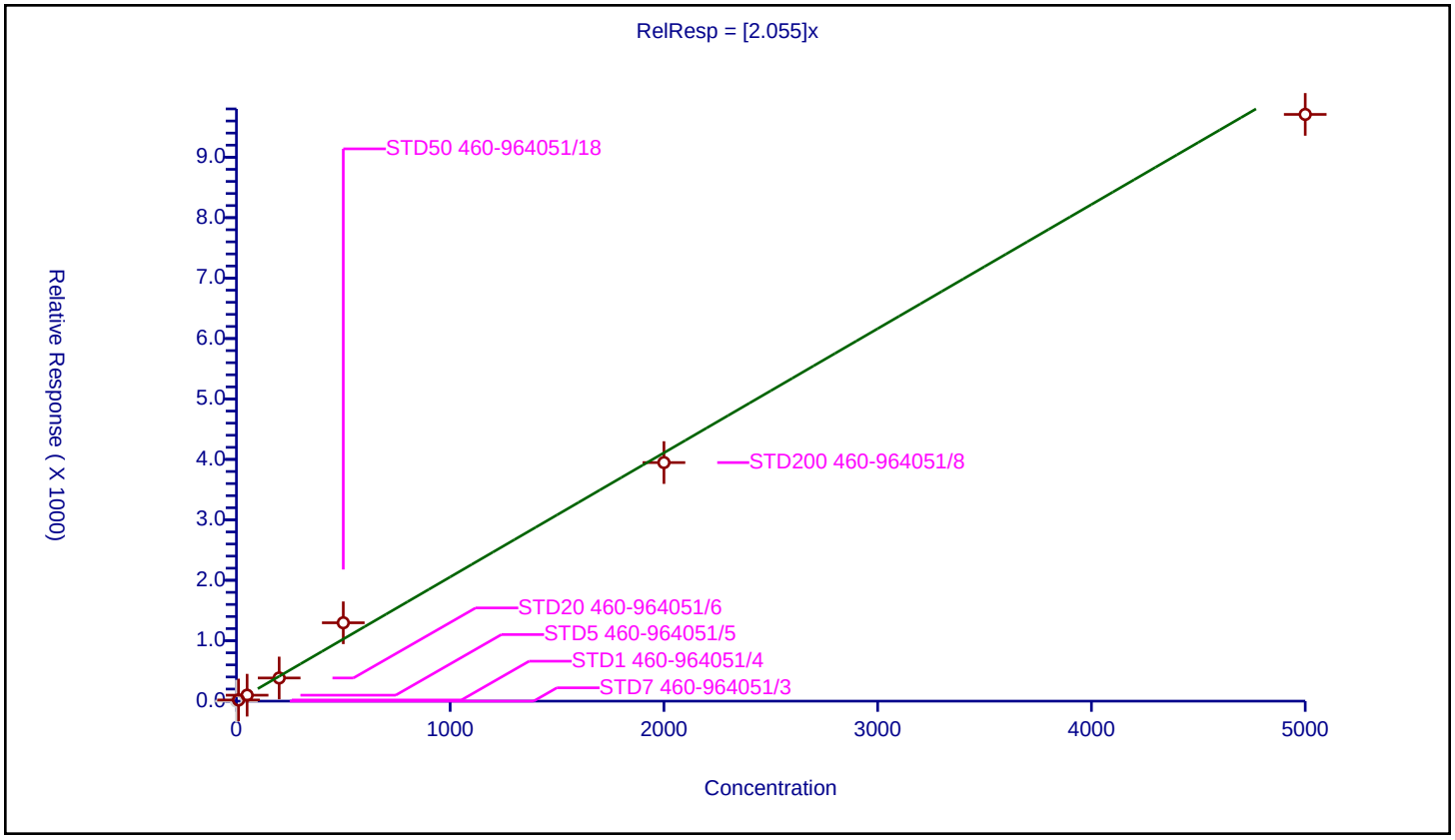
Curve Coefficients

Intercept:	0
Slope:	2.055

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	1000.0	163701.0	NaN	N
2	STD1 460-964051/4	10.0	19.286605	1000.0	176340.0	1.928661	Y
3	STD5 460-964051/5	50.0	98.667298	1000.0	198394.0	1.973346	Y
4	STD20 460-964051/6	200.0	383.260904	1000.0	177644.0	1.916305	Y
5	STD50 460-964051/18	500.0	1296.707128	1000.0	123327.0	2.593414	Y
6	STD200 460-964051/8	2000.0	3947.708516	1000.0	180909.0	1.973854	Y
7	STD500 460-964051/9	5000.0	9708.916717	1000.0	192055.0	1.941783	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

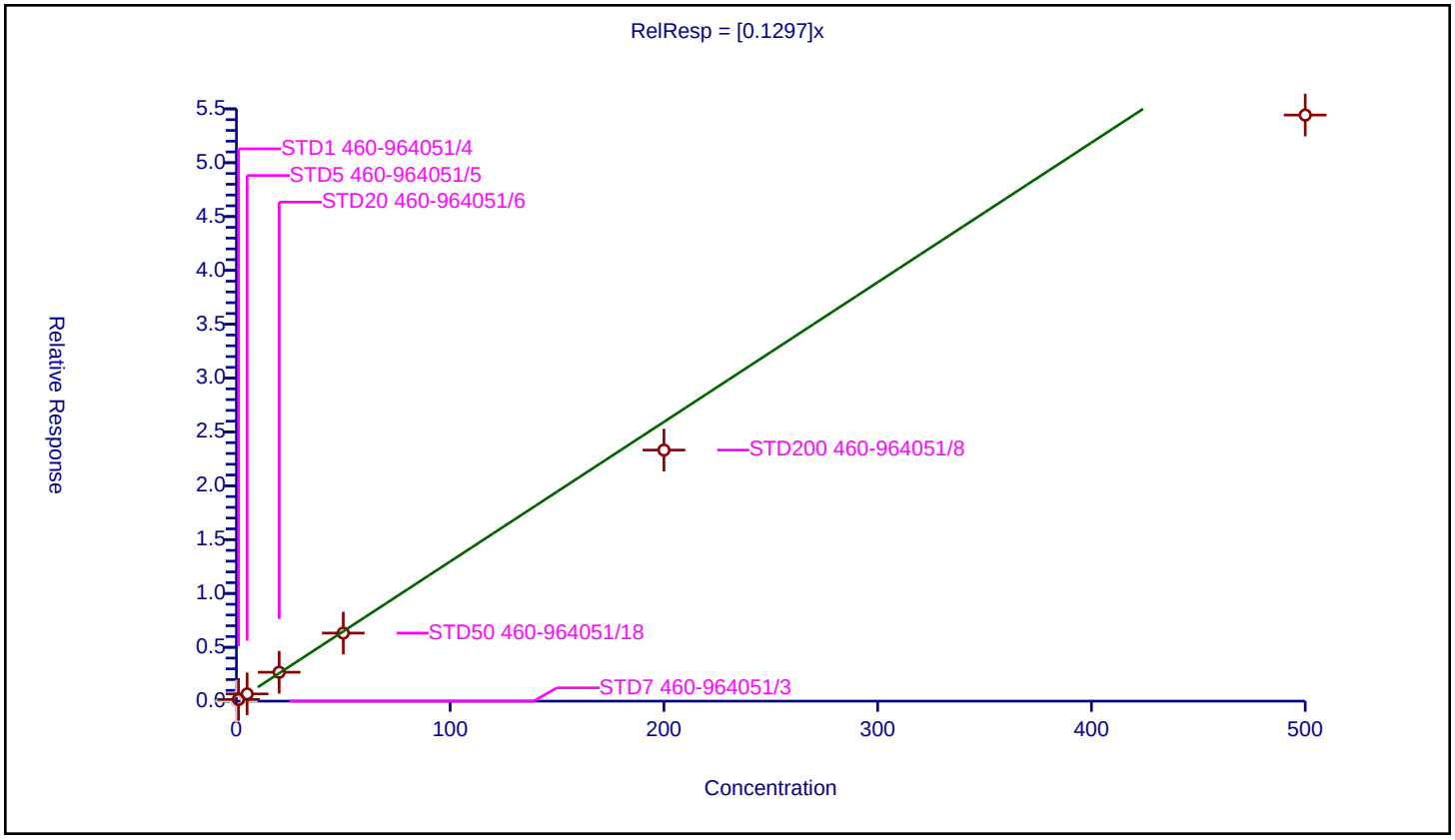
Curve Coefficients

Intercept:	0
Slope:	0.1297

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.157629	50.0	644550.0	0.157629	Y
3	STD5 460-964051/5	5.0	0.671249	50.0	635681.0	0.13425	Y
4	STD20 460-964051/6	20.0	2.684792	50.0	657686.0	0.13424	Y
5	STD50 460-964051/18	50.0	6.321283	50.0	645225.0	0.126426	Y
6	STD200 460-964051/8	200.0	23.31513	50.0	760682.0	0.116576	Y
7	STD500 460-964051/9	500.0	54.428476	50.0	813361.0	0.108857	Y



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Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

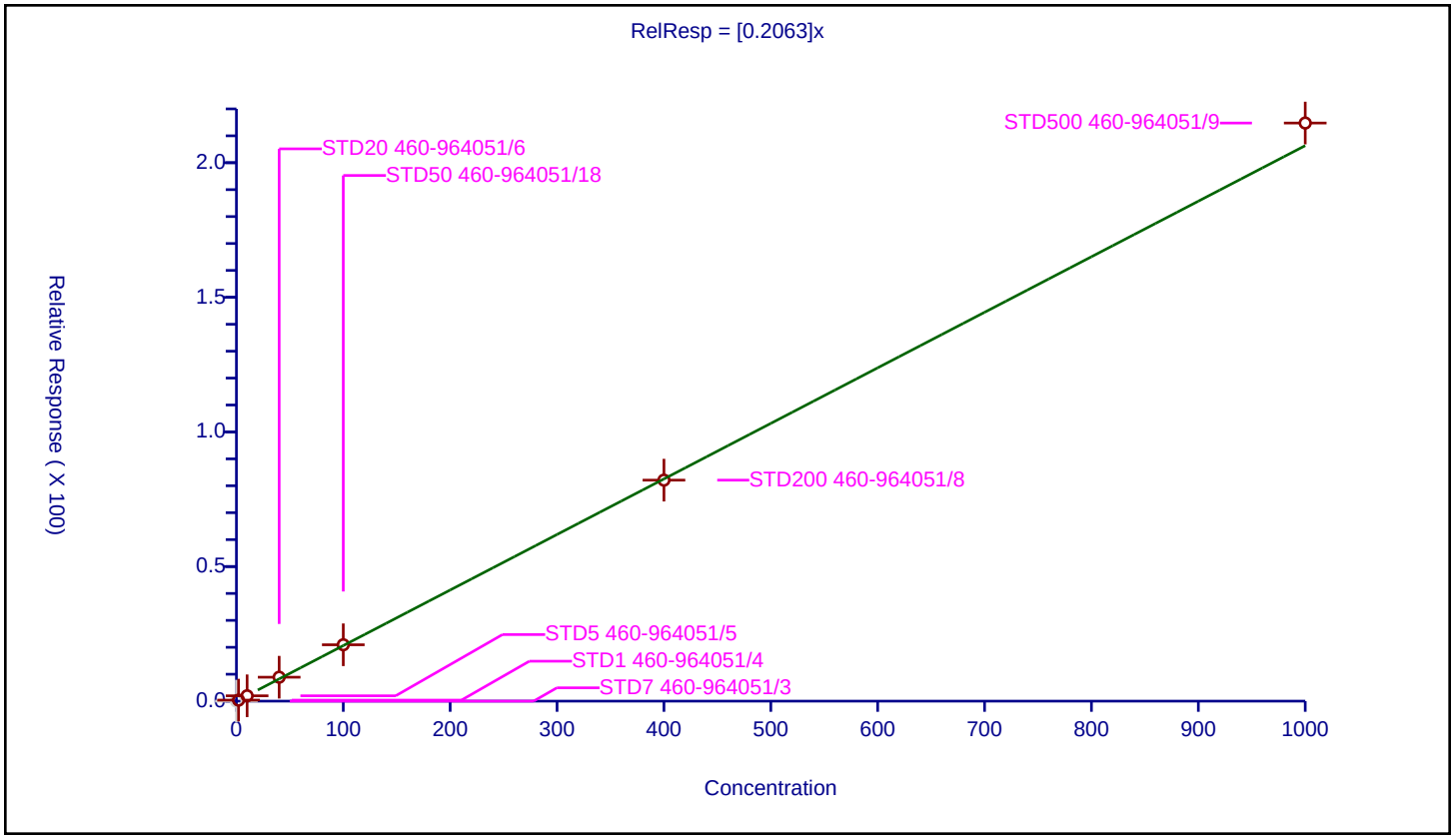
Curve Coefficients

Intercept:	0
Slope:	0.2063

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	250.0	290012.0	NaN	N
2	STD1 460-964051/4	2.0	0.376012	250.0	335761.0	0.188006	Y
3	STD5 460-964051/5	10.0	1.98333	250.0	313866.0	0.198333	Y
4	STD20 460-964051/6	40.0	8.893982	250.0	319823.0	0.22235	Y
5	STD50 460-964051/18	100.0	20.942763	250.0	280240.0	0.209428	Y
6	STD200 460-964051/8	400.0	82.093651	250.0	324075.0	0.205234	Y
7	STD500 460-964051/9	1000.0	214.74393	250.0	366951.0	0.214744	Y



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Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

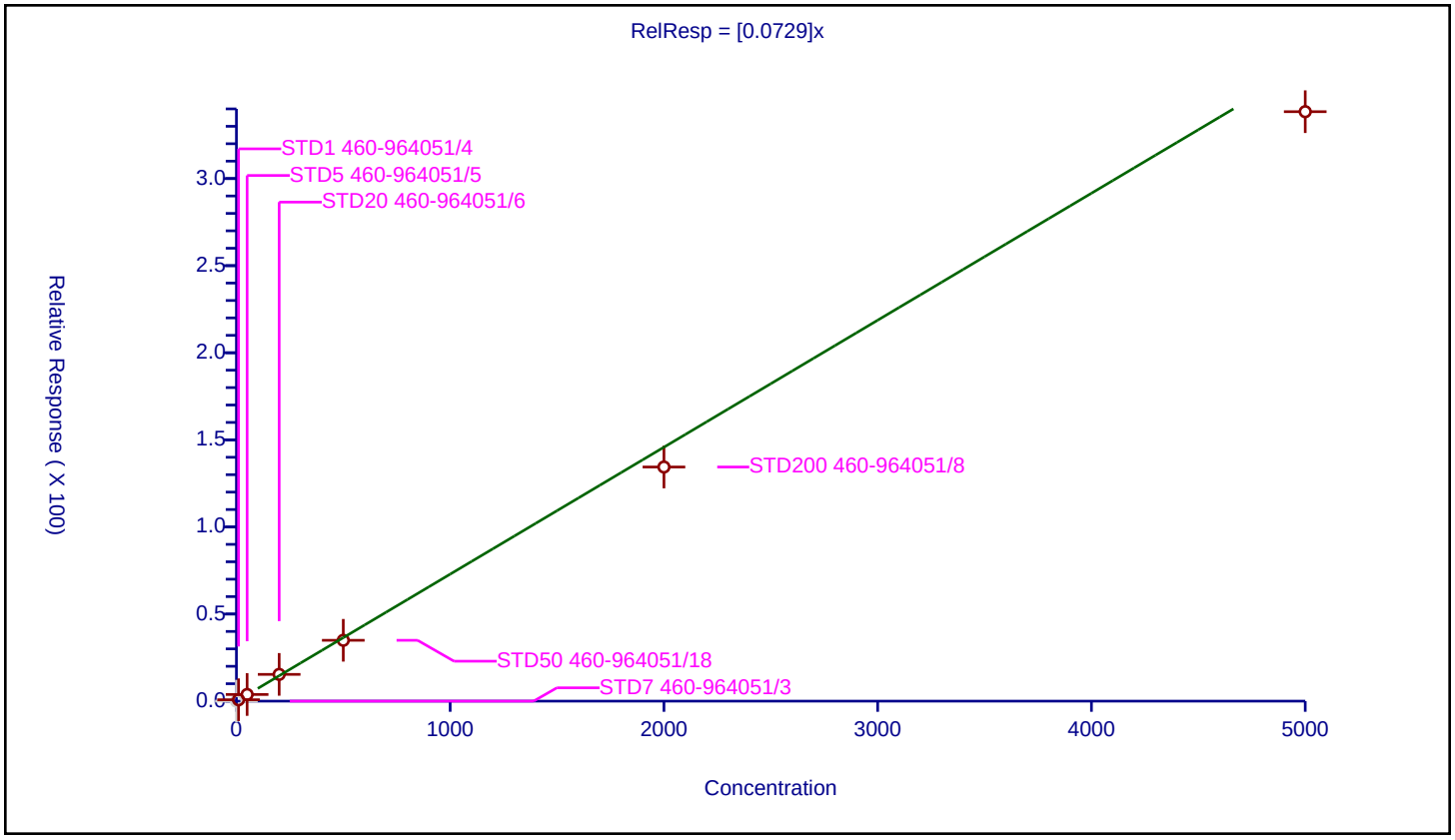
Curve Coefficients

Intercept:	0
Slope:	0.0729

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	10.0	0.795516	50.0	644550.0	0.079552	Y
3	STD5 460-964051/5	50.0	3.813155	50.0	635681.0	0.076263	Y
4	STD20 460-964051/6	200.0	15.362878	50.0	657686.0	0.076814	Y
5	STD50 460-964051/18	500.0	34.927661	50.0	645225.0	0.069855	Y
6	STD200 460-964051/8	2000.0	134.412277	50.0	760682.0	0.067206	Y
7	STD500 460-964051/9	5000.0	338.397833	50.0	813361.0	0.06768	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

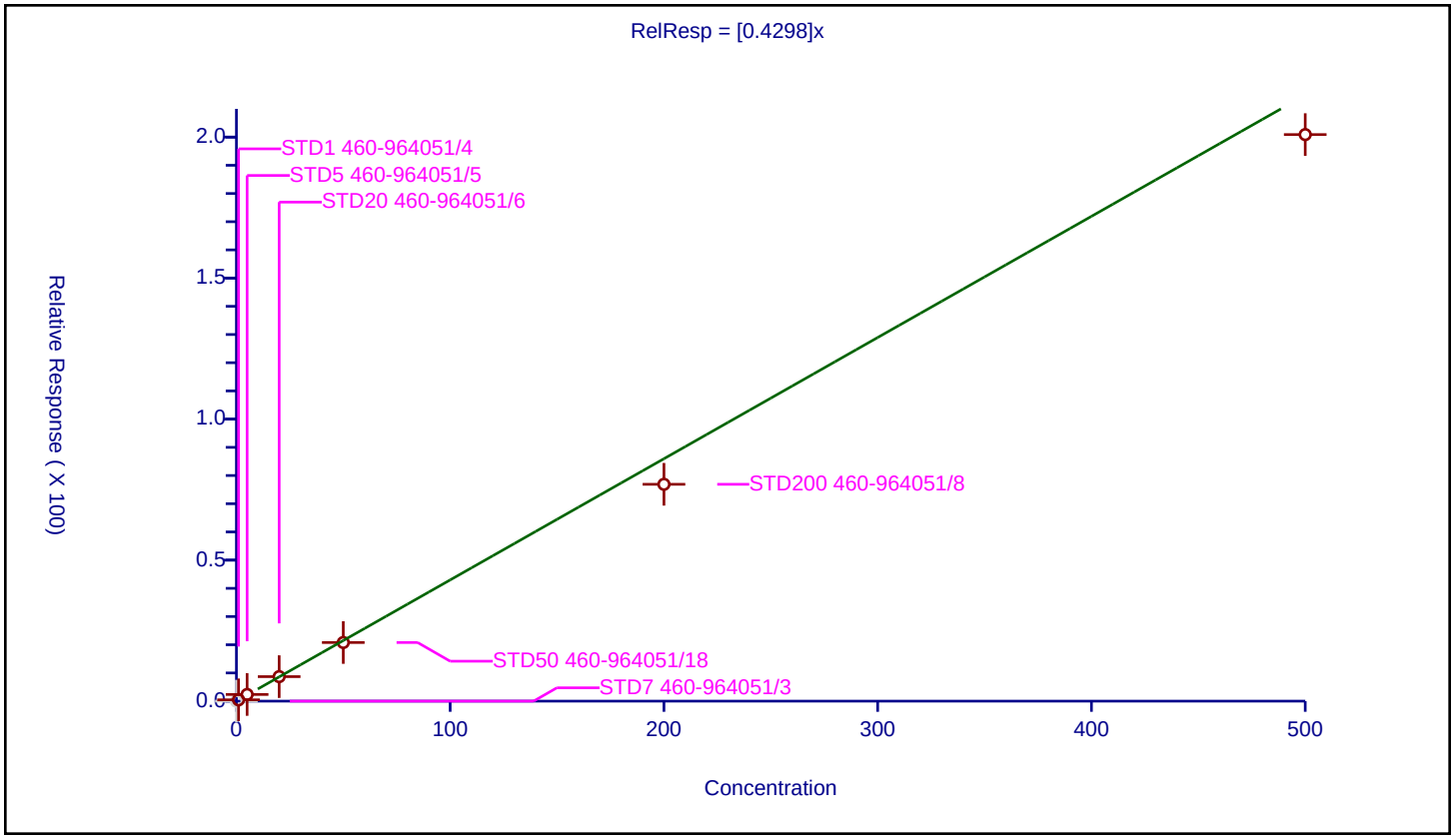
Curve Coefficients

Intercept:	0
Slope:	0.4298

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.469087	50.0	644550.0	0.469087	Y
3	STD5 460-964051/5	5.0	2.364787	50.0	635681.0	0.472957	Y
4	STD20 460-964051/6	20.0	8.692674	50.0	657686.0	0.434634	Y
5	STD50 460-964051/18	50.0	20.786237	50.0	645225.0	0.415725	Y
6	STD200 460-964051/8	200.0	76.884493	50.0	760682.0	0.384422	Y
7	STD500 460-964051/9	500.0	200.886445	50.0	813361.0	0.401773	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

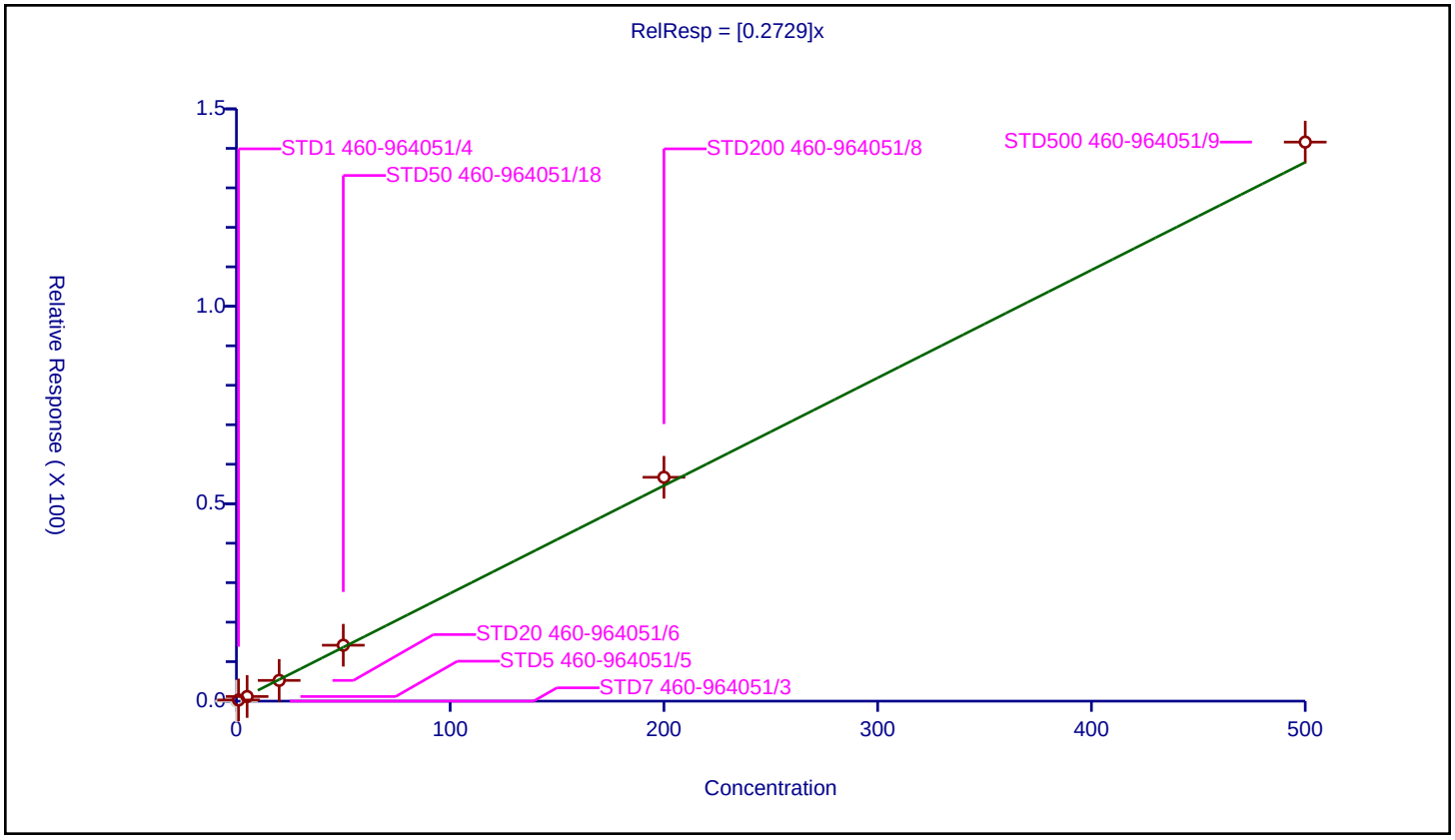
Curve Coefficients

Intercept:	0
Slope:	0.2729

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.291444	50.0	644550.0	0.291444	Y
3	STD5 460-964051/5	5.0	1.169454	50.0	635681.0	0.233891	Y
4	STD20 460-964051/6	20.0	5.248325	50.0	657686.0	0.262416	Y
5	STD50 460-964051/18	50.0	14.162734	50.0	645225.0	0.283255	Y
6	STD200 460-964051/8	200.0	56.698923	50.0	760682.0	0.283495	Y
7	STD500 460-964051/9	500.0	141.595306	50.0	813361.0	0.283191	Y



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Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

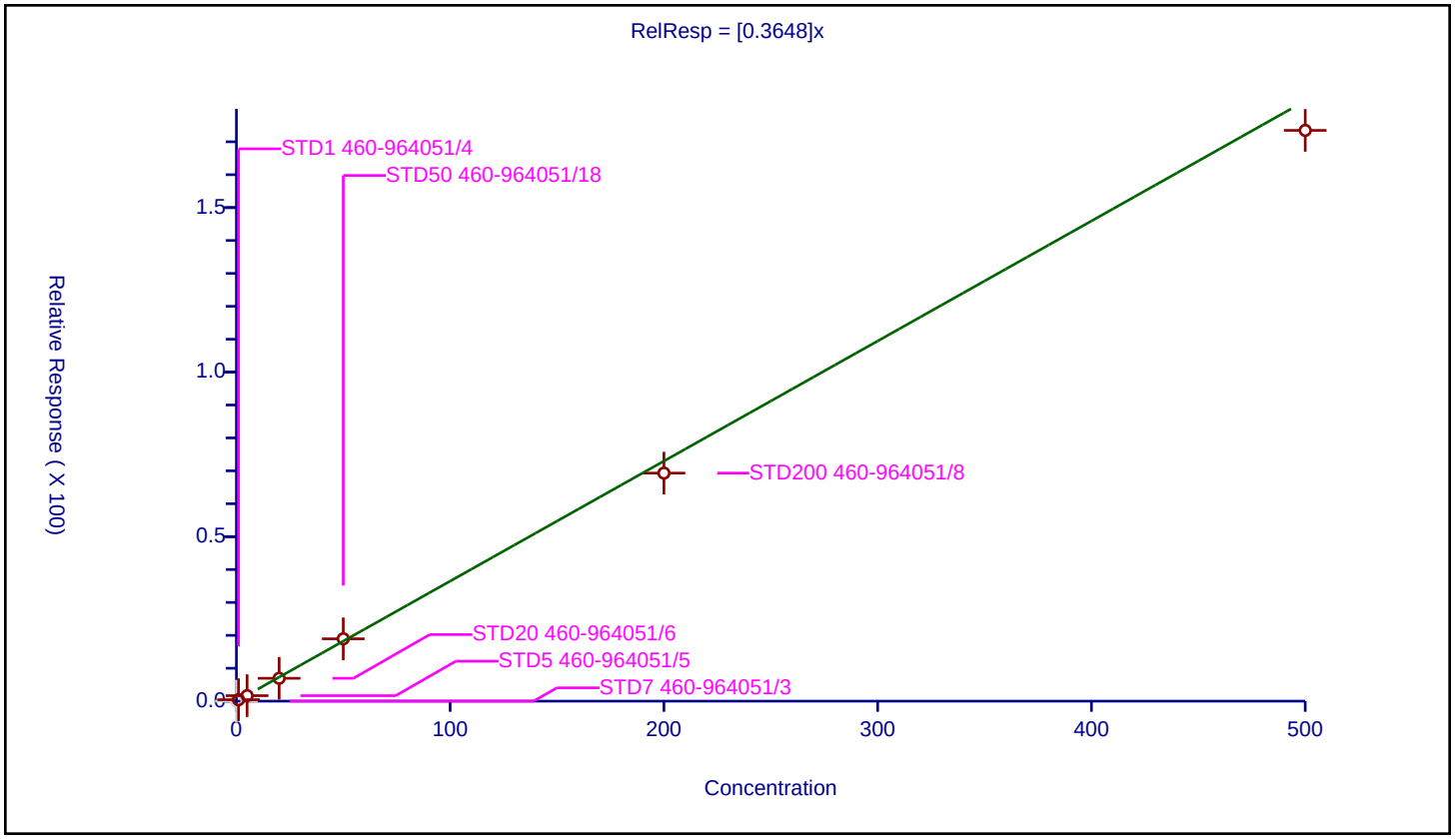
Curve Coefficients

Intercept:	0
Slope:	0.3648

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.437049	50.0	644550.0	0.437049	Y
3	STD5 460-964051/5	5.0	1.660188	50.0	635681.0	0.332038	Y
4	STD20 460-964051/6	20.0	6.949593	50.0	657686.0	0.34748	Y
5	STD50 460-964051/18	50.0	18.949359	50.0	645225.0	0.378987	Y
6	STD200 460-964051/8	200.0	69.30373	50.0	760682.0	0.346519	Y
7	STD500 460-964051/9	500.0	173.456866	50.0	813361.0	0.346914	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

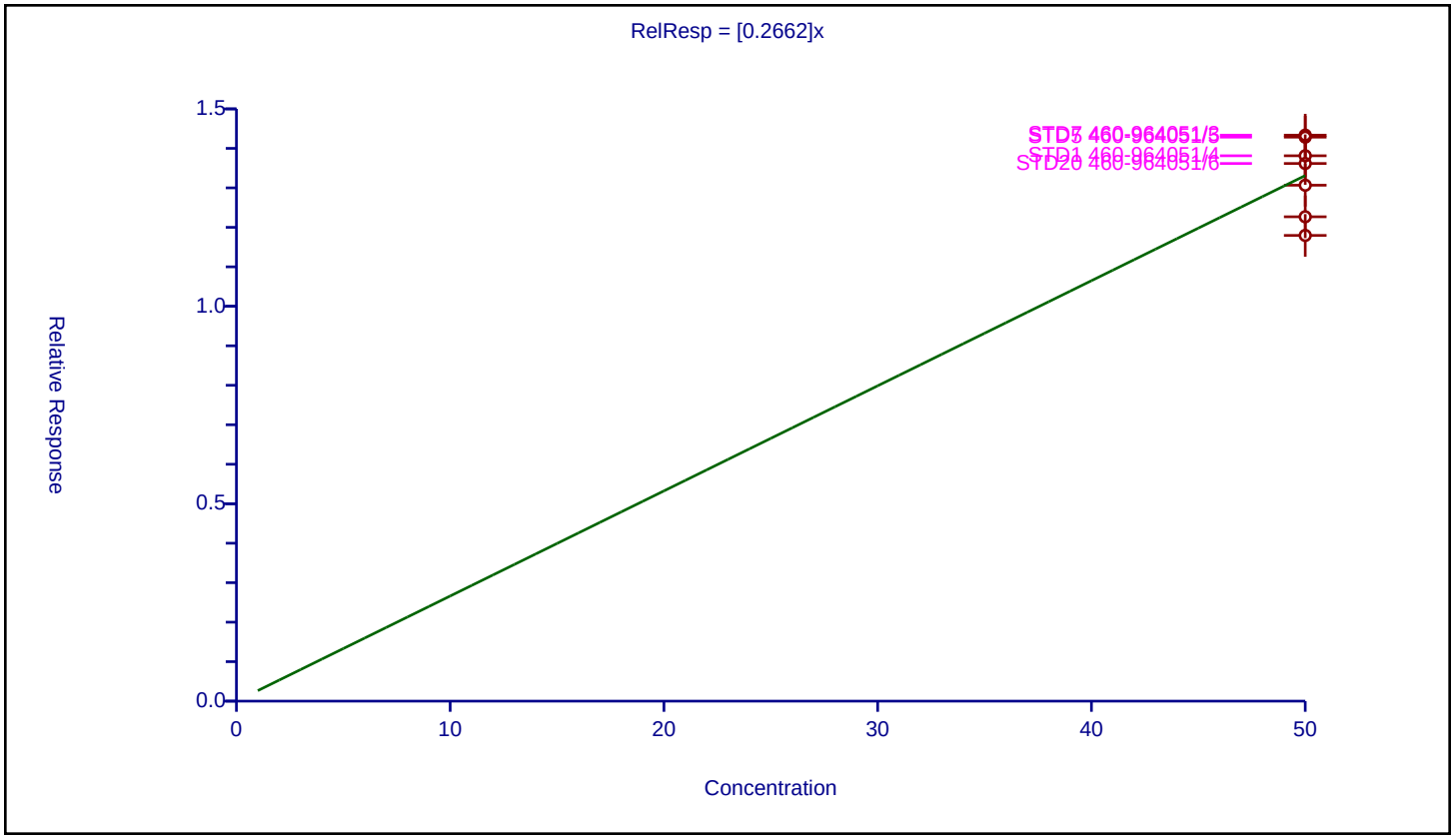
Curve Coefficients

Intercept:	0
Slope:	0.2662

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	50.0	14.334828	50.0	599048.0	0.286697	Y
2	STD1 460-964051/4	50.0	13.812427	50.0	644550.0	0.276249	Y
3	STD5 460-964051/5	50.0	14.283973	50.0	635681.0	0.285679	Y
4	STD20 460-964051/6	50.0	13.61706	50.0	657686.0	0.272341	Y
5	STD200 460-964051/8	50.0	11.79481	50.0	760682.0	0.235896	Y
6	STD500 460-964051/9	50.0	12.267124	50.0	813361.0	0.245342	Y
7	STD50 460-964051/18	50.0	13.066682	50.0	645225.0	0.261334	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

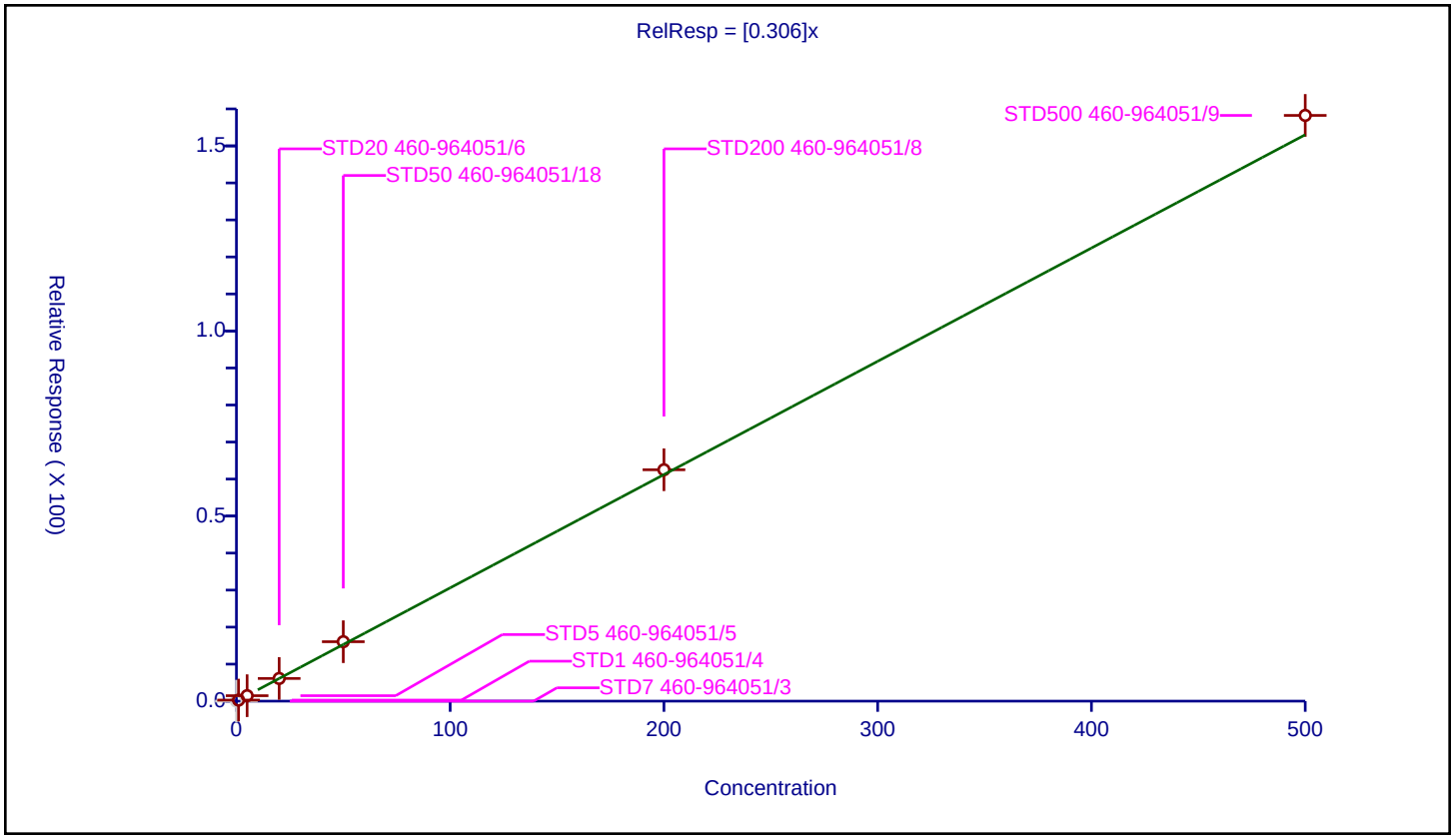
Curve Coefficients

Intercept:	0
Slope:	0.306

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.28516	50.0	644550.0	0.28516	Y
3	STD5 460-964051/5	5.0	1.472987	50.0	635681.0	0.294597	Y
4	STD20 460-964051/6	20.0	6.125415	50.0	657686.0	0.306271	Y
5	STD50 460-964051/18	50.0	16.056027	50.0	645225.0	0.321121	Y
6	STD200 460-964051/8	200.0	62.51331	50.0	760682.0	0.312567	Y
7	STD500 460-964051/9	500.0	158.239207	50.0	813361.0	0.316478	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

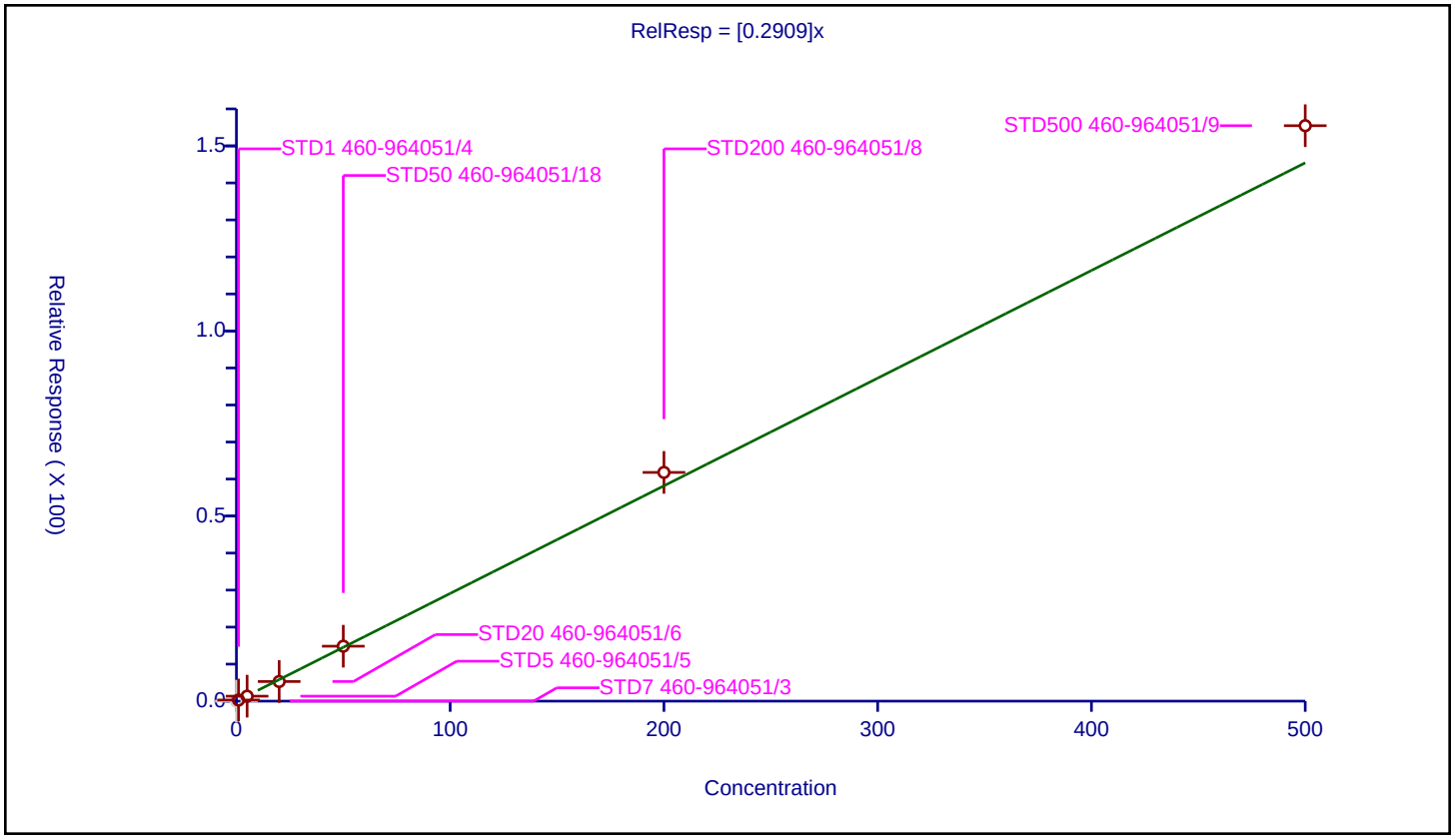
Curve Coefficients

Intercept:	0
Slope:	0.2909

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.295167	50.0	644550.0	0.295167	Y
3	STD5 460-964051/5	5.0	1.342576	50.0	635681.0	0.268515	Y
4	STD20 460-964051/6	20.0	5.296448	50.0	657686.0	0.264822	Y
5	STD50 460-964051/18	50.0	14.837847	50.0	645225.0	0.296757	Y
6	STD200 460-964051/8	200.0	61.791984	50.0	760682.0	0.30896	Y
7	STD500 460-964051/9	500.0	155.460921	50.0	813361.0	0.310922	Y



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Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

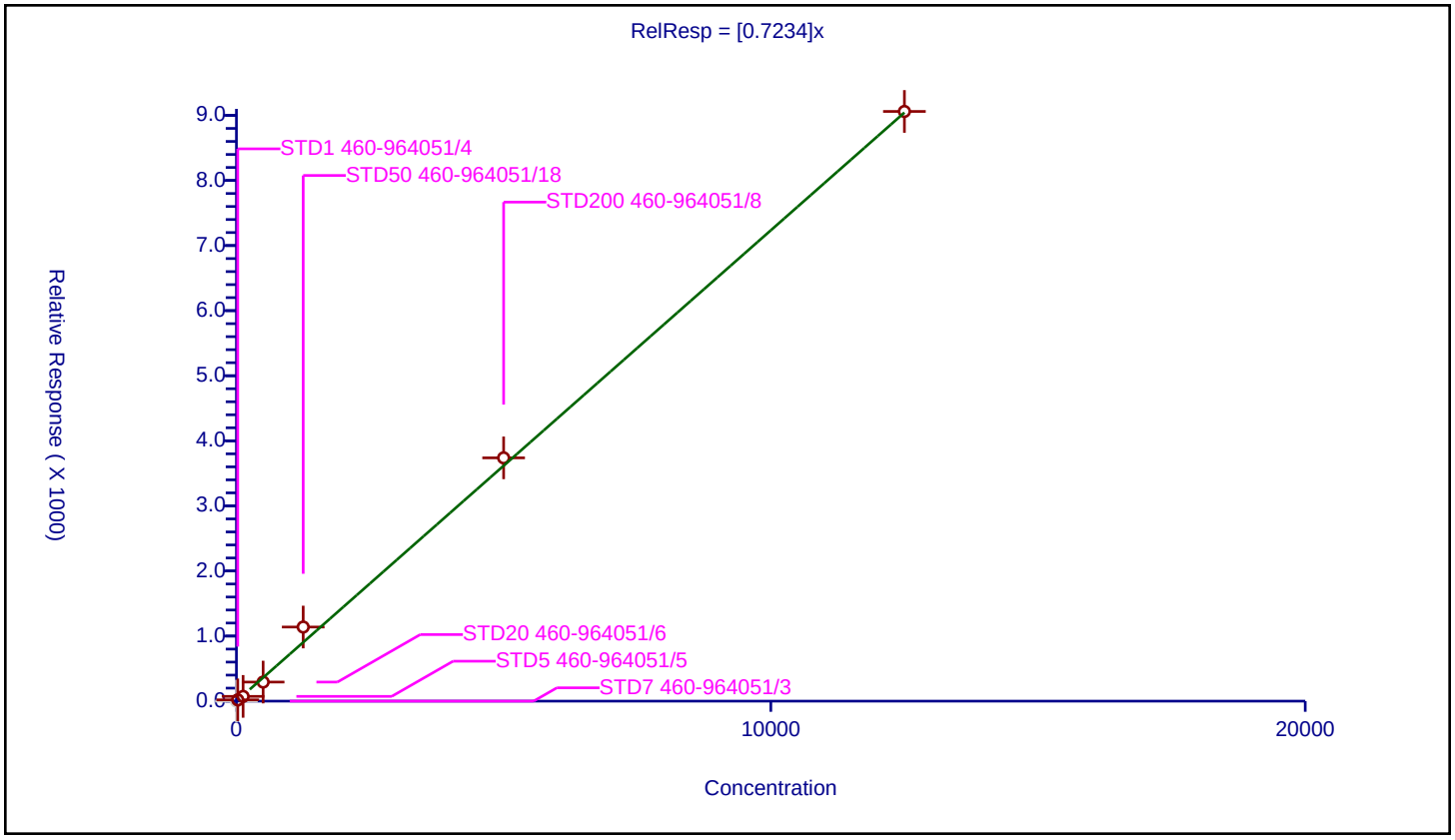
Curve Coefficients

Intercept:	0
Slope:	0.7234

Error Coefficients

Relative Standard Deviation:	17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	1000.0	163701.0	NaN	N
2	STD1 460-964051/4	25.0	19.655212	1000.0	176340.0	0.786208	Y
3	STD5 460-964051/5	125.0	73.036483	1000.0	198394.0	0.584292	Y
4	STD20 460-964051/6	500.0	293.373263	1000.0	177644.0	0.586747	Y
5	STD50 460-964051/18	1250.0	1138.631443	1000.0	123327.0	0.910905	Y
6	STD200 460-964051/8	5000.0	3738.122481	1000.0	180909.0	0.747624	Y
7	STD500 460-964051/9	12500.0	9060.571191	1000.0	192055.0	0.724846	Y



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Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

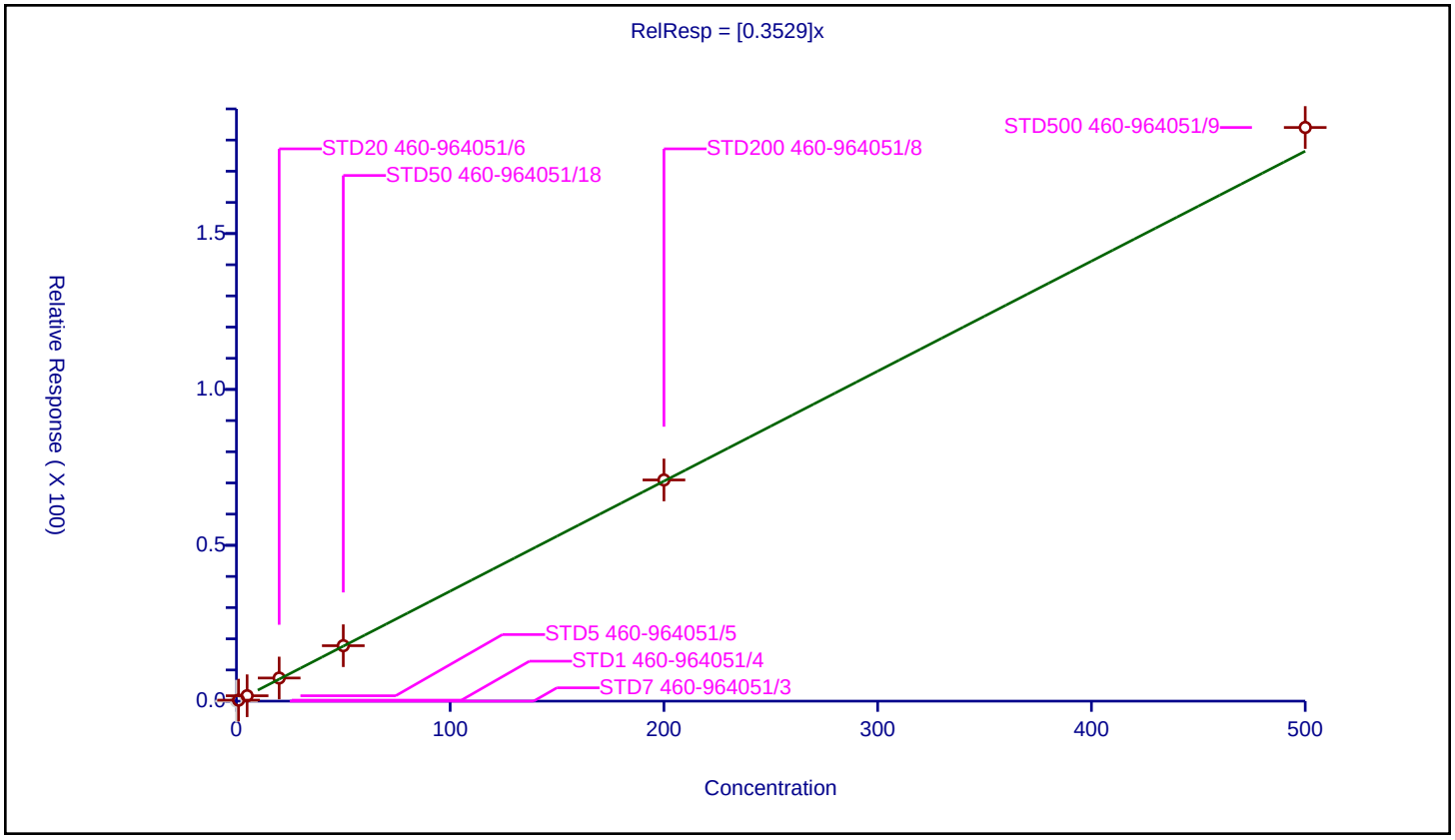
Curve Coefficients

Intercept:	0
Slope:	0.3529

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.320922	50.0	644550.0	0.320922	Y
3	STD5 460-964051/5	5.0	1.733731	50.0	635681.0	0.346746	Y
4	STD20 460-964051/6	20.0	7.421171	50.0	657686.0	0.371059	Y
5	STD50 460-964051/18	50.0	17.784339	50.0	645225.0	0.355687	Y
6	STD200 460-964051/8	200.0	70.955866	50.0	760682.0	0.354779	Y
7	STD500 460-964051/9	500.0	184.035133	50.0	813361.0	0.36807	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

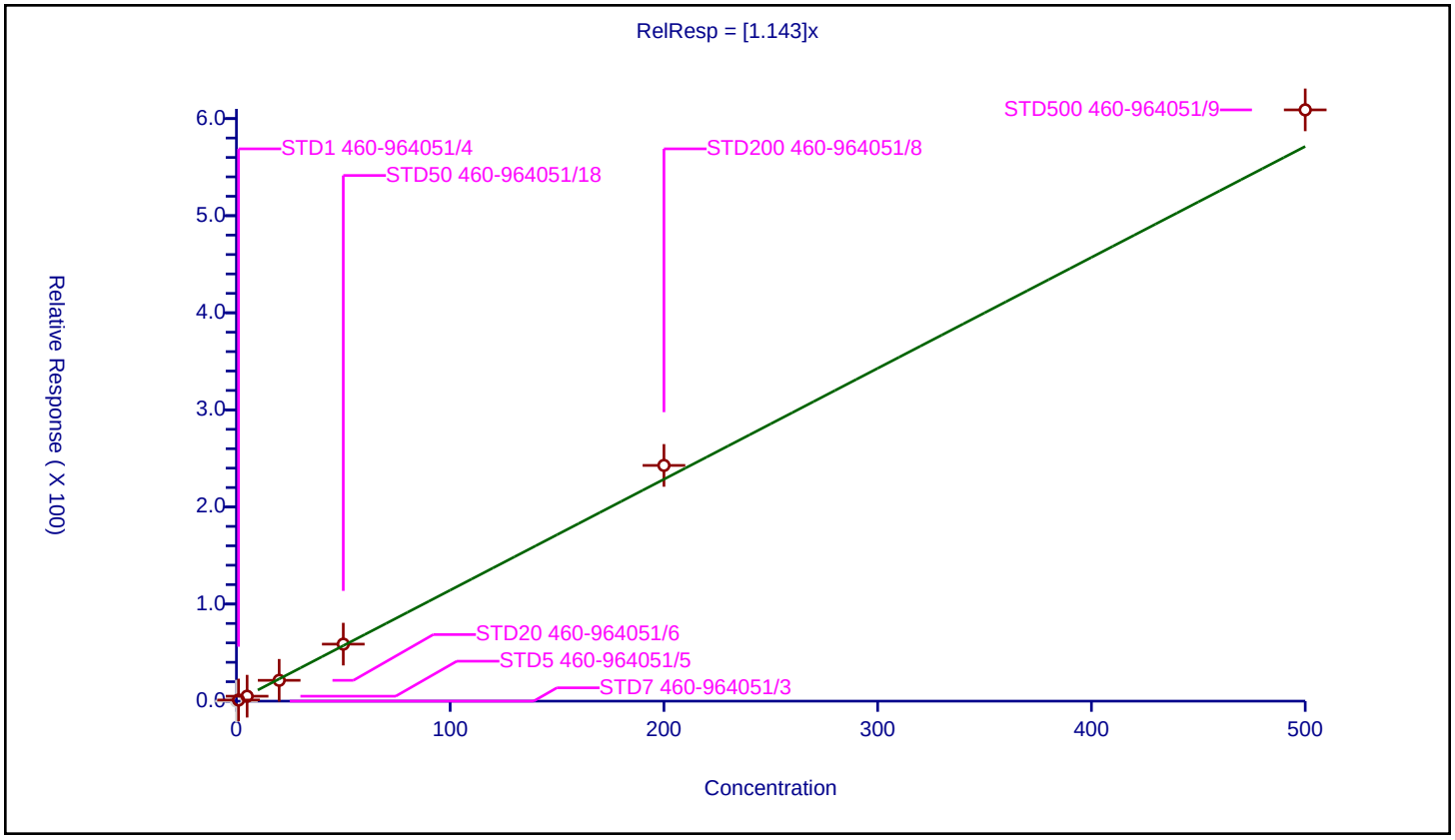
Curve Coefficients

Intercept:	0
Slope:	1.143

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	1.157921	50.0	500725.0	1.157921	Y
3	STD5 460-964051/5	5.0	5.100403	50.0	508999.0	1.020081	Y
4	STD20 460-964051/6	20.0	21.438364	50.0	518589.0	1.071918	Y
5	STD50 460-964051/18	50.0	58.708178	50.0	492181.0	1.174164	Y
6	STD200 460-964051/8	200.0	242.784803	50.0	535467.0	1.213924	Y
7	STD500 460-964051/9	500.0	608.984192	50.0	535101.0	1.217968	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

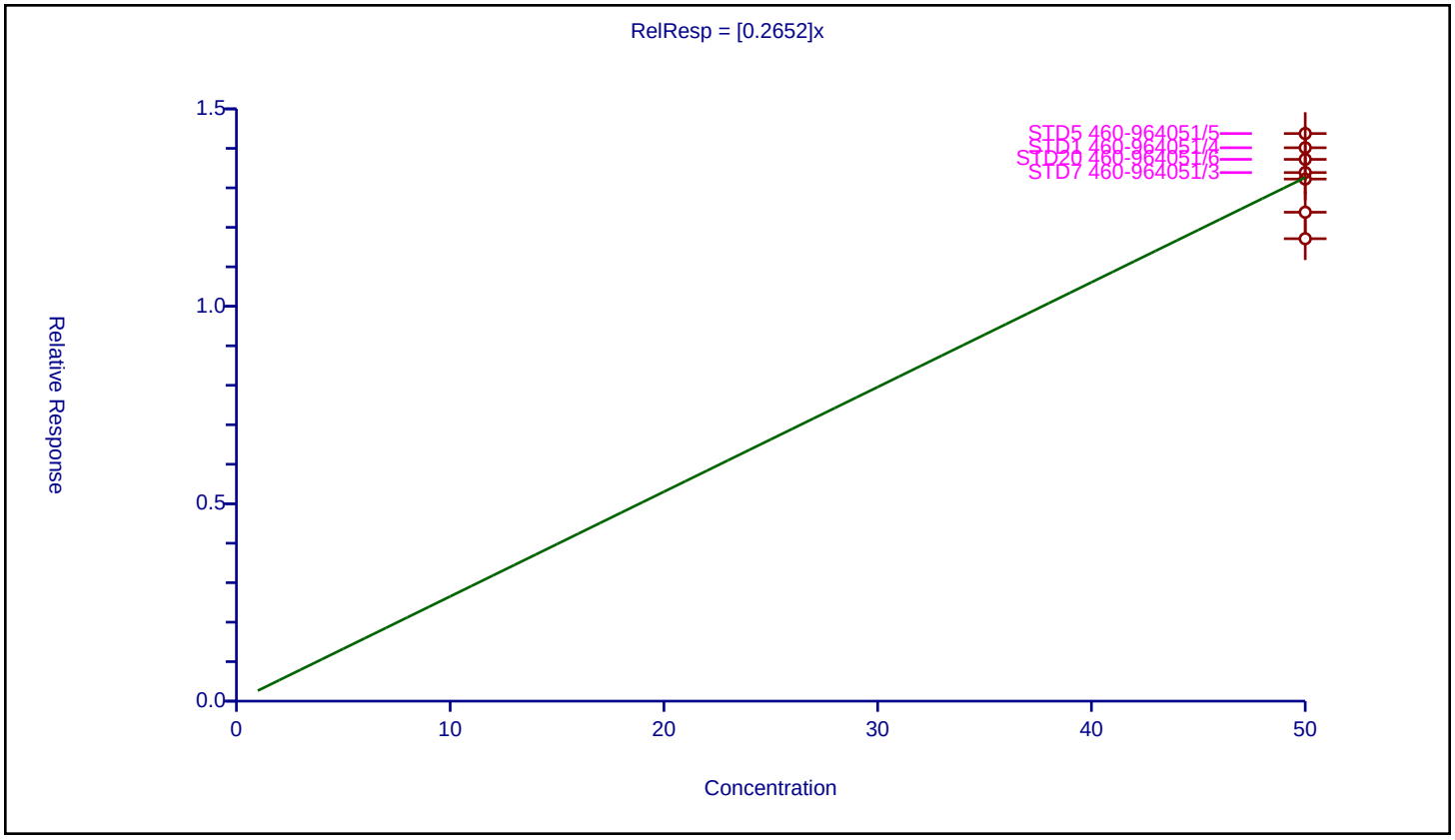
Curve Coefficients

Intercept:	0
Slope:	0.2652

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	50.0	13.387408	50.0	599048.0	0.267748	Y
2	STD1 460-964051/4	50.0	14.015747	50.0	644550.0	0.280315	Y
3	STD5 460-964051/5	50.0	14.375135	50.0	635681.0	0.287503	Y
4	STD20 460-964051/6	50.0	13.721822	50.0	657686.0	0.274436	Y
5	STD200 460-964051/8	50.0	11.712056	50.0	760682.0	0.234241	Y
6	STD500 460-964051/9	50.0	12.382509	50.0	813361.0	0.24765	Y
7	STD50 460-964051/18	50.0	13.223294	50.0	645225.0	0.264466	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

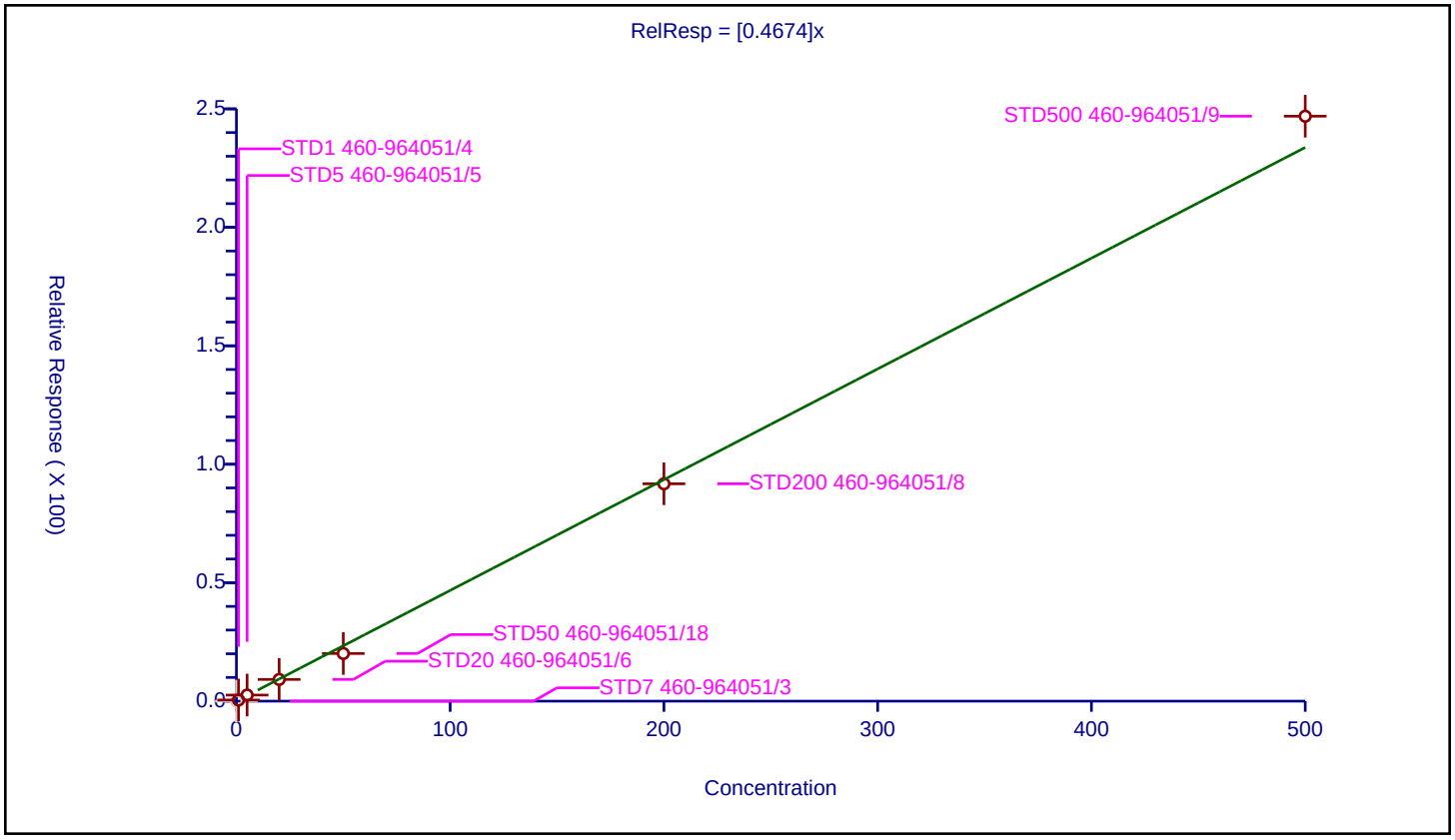
Curve Coefficients

Intercept:	0
Slope:	0.4674

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.479016	50.0	644550.0	0.479016	Y
3	STD5 460-964051/5	5.0	2.565752	50.0	635681.0	0.51315	Y
4	STD20 460-964051/6	20.0	9.157029	50.0	657686.0	0.457851	Y
5	STD50 460-964051/18	50.0	20.10229	50.0	645225.0	0.402046	Y
6	STD200 460-964051/8	200.0	91.751481	50.0	760682.0	0.458757	Y
7	STD500 460-964051/9	500.0	246.903159	50.0	813361.0	0.493806	Y



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Calibration / Tert-amyl methyl ether

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

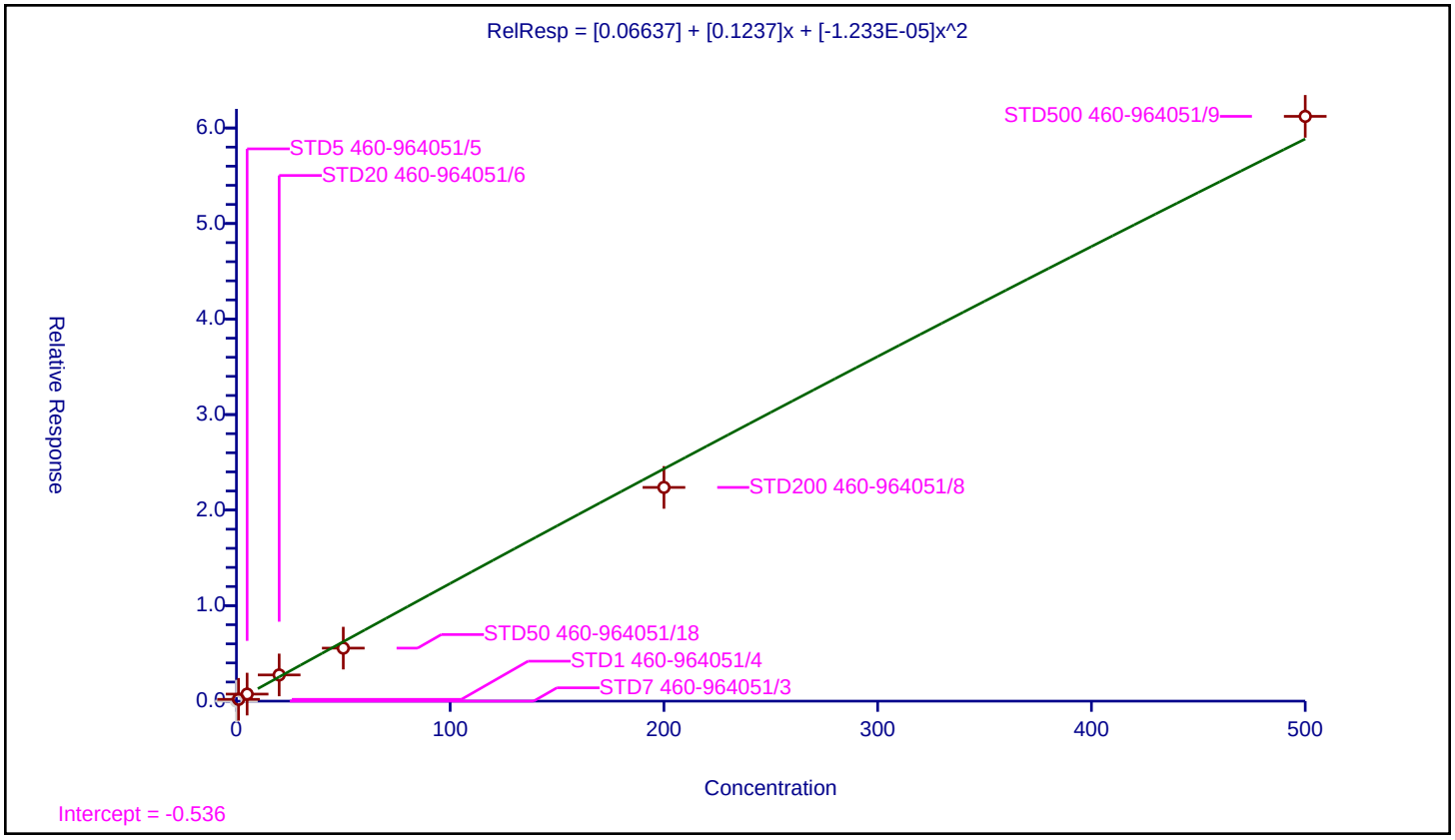
Curve Coefficients

Intercept:	0.06637
Slope:	0.1237
Second Order:	-1.233E-05

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.187805	50.0	644550.0	0.187805	Y
3	STD5 460-964051/5	5.0	0.736769	50.0	635681.0	0.147354	Y
4	STD20 460-964051/6	20.0	2.743254	50.0	657686.0	0.137163	Y
5	STD50 460-964051/18	50.0	5.549769	50.0	645225.0	0.110995	Y
6	STD200 460-964051/8	200.0	22.373738	50.0	760682.0	0.111869	Y
7	STD500 460-964051/9	500.0	61.217897	50.0	813361.0	0.122436	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

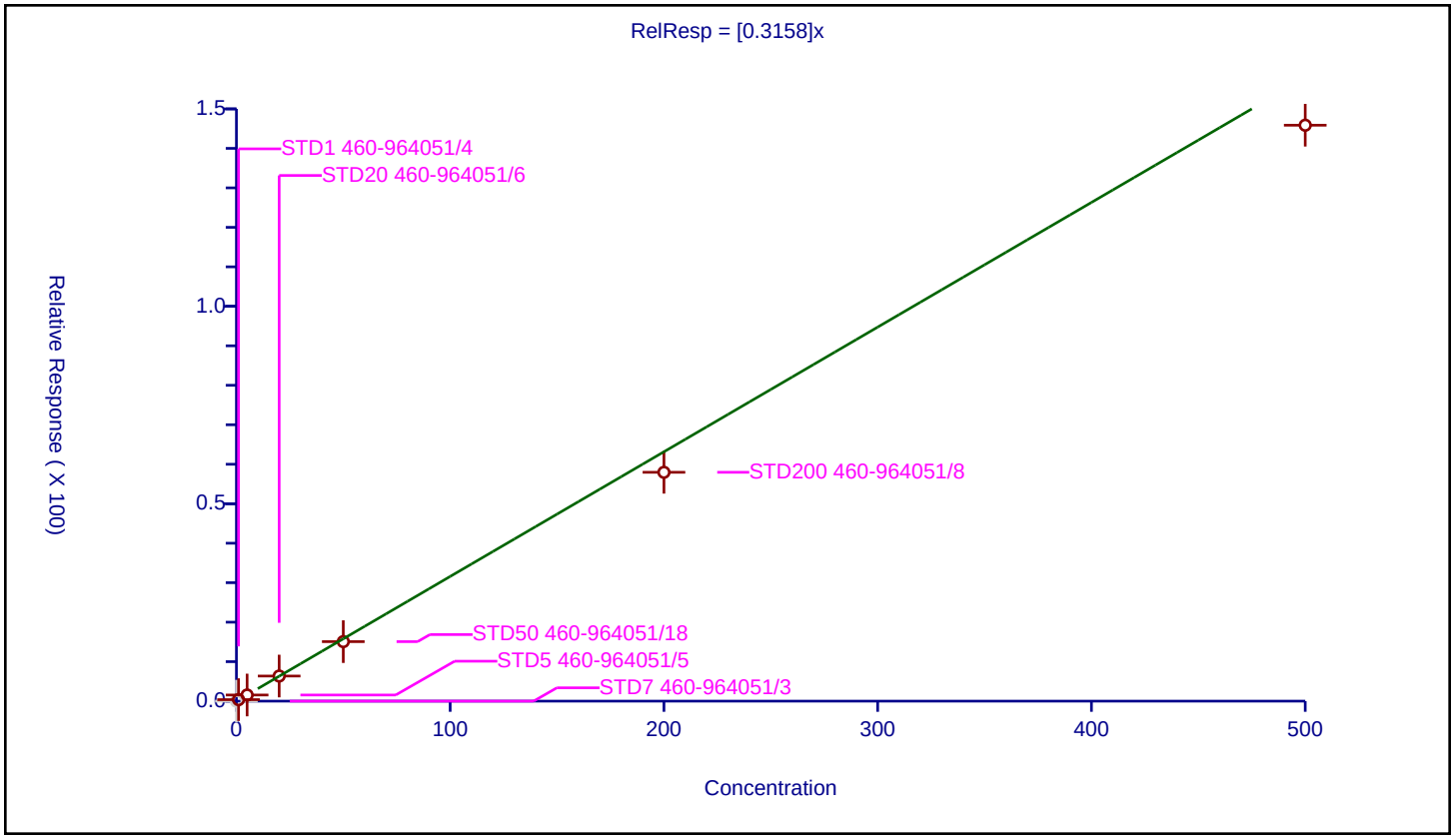
Curve Coefficients

Intercept:	0
Slope:	0.3158

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.382282	50.0	644550.0	0.382282	Y
3	STD5 460-964051/5	5.0	1.556913	50.0	635681.0	0.311383	Y
4	STD20 460-964051/6	20.0	6.358962	50.0	657686.0	0.317948	Y
5	STD50 460-964051/18	50.0	15.074121	50.0	645225.0	0.301482	Y
6	STD200 460-964051/8	200.0	57.958713	50.0	760682.0	0.289794	Y
7	STD500 460-964051/9	500.0	145.866165	50.0	813361.0	0.291732	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

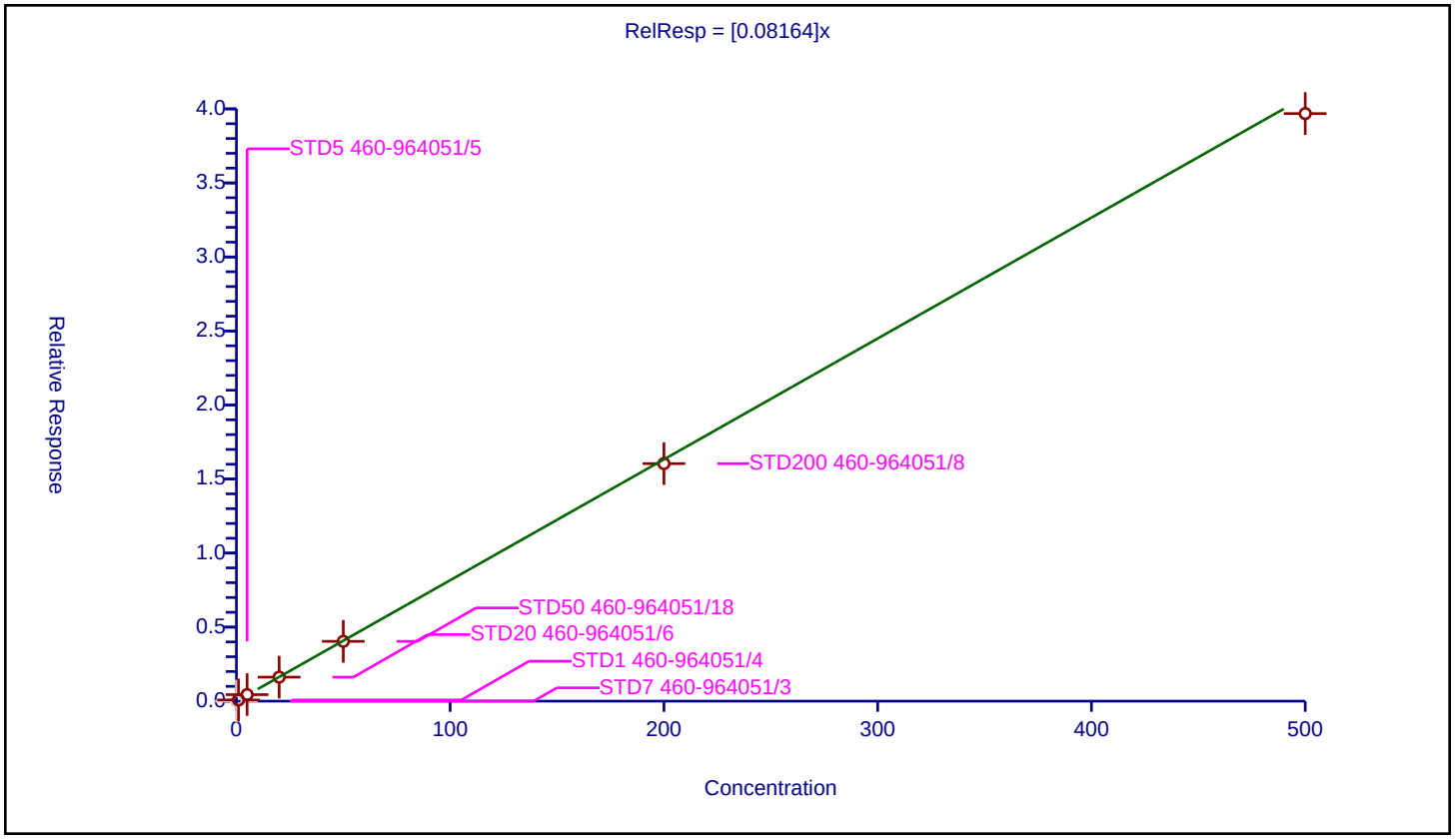
Curve Coefficients

Intercept:	0
Slope:	0.08164

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.080676	50.0	644550.0	0.080676	Y
3	STD5 460-964051/5	5.0	0.439057	50.0	635681.0	0.087811	Y
4	STD20 460-964051/6	20.0	1.621214	50.0	657686.0	0.081061	Y
5	STD50 460-964051/18	50.0	4.036731	50.0	645225.0	0.080735	Y
6	STD200 460-964051/8	200.0	16.041329	50.0	760682.0	0.080207	Y
7	STD500 460-964051/9	500.0	39.682626	50.0	813361.0	0.079365	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

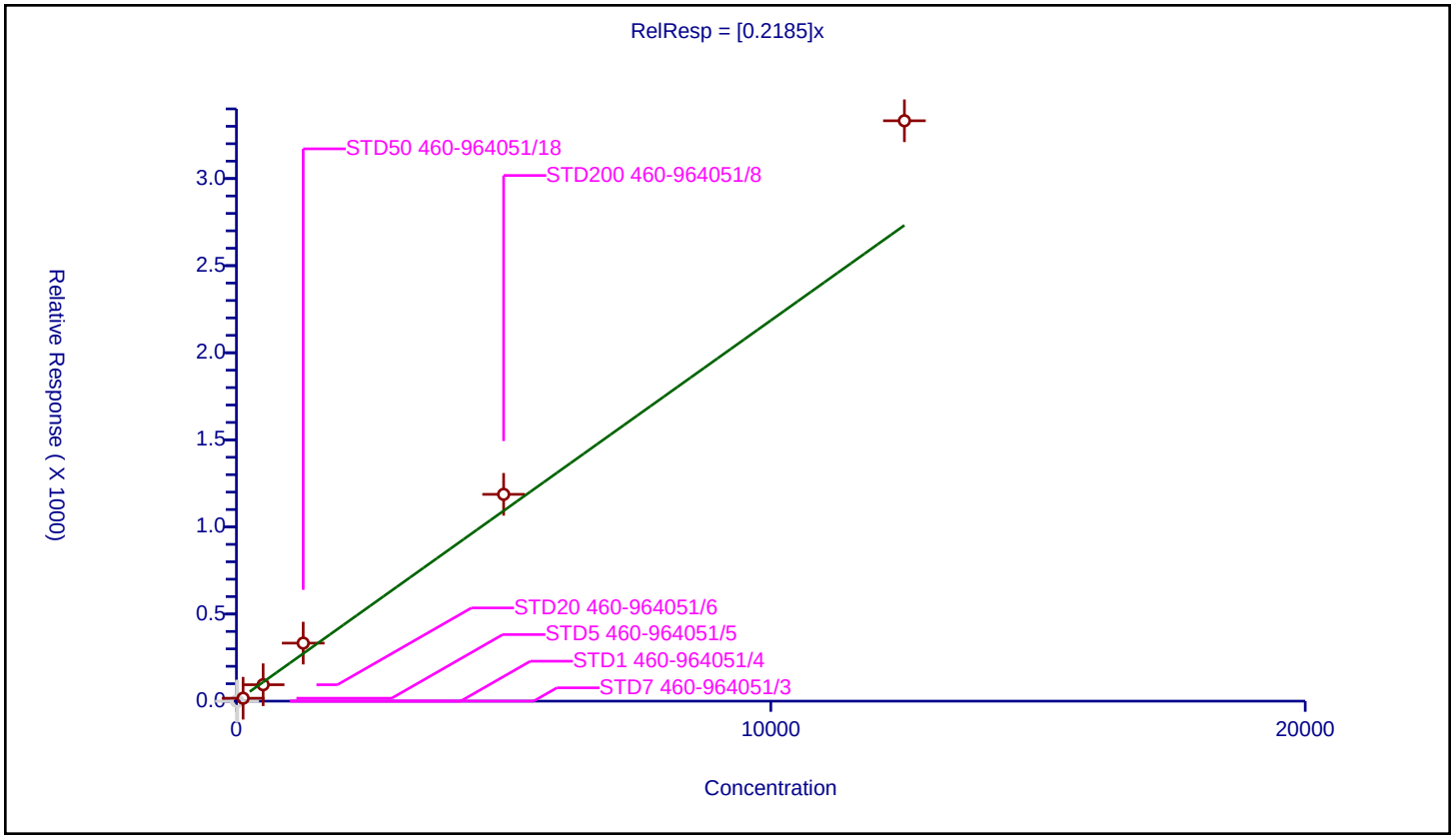
Curve Coefficients

Intercept:	0
Slope:	0.2185

Error Coefficients

Relative Standard Deviation:	26.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	1000.0	163701.0	NaN	N
2	STD1 460-964051/4	25.0	0.0	1000.0	176340.0	0.0	N
3	STD5 460-964051/5	125.0	16.734377	1000.0	198394.0	0.133875	Y
4	STD20 460-964051/6	500.0	94.227781	1000.0	177644.0	0.188456	Y
5	STD50 460-964051/18	1250.0	333.025209	1000.0	123327.0	0.26642	Y
6	STD200 460-964051/8	5000.0	1187.248838	1000.0	180909.0	0.23745	Y
7	STD500 460-964051/9	12500.0	3331.816407	1000.0	192055.0	0.266545	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

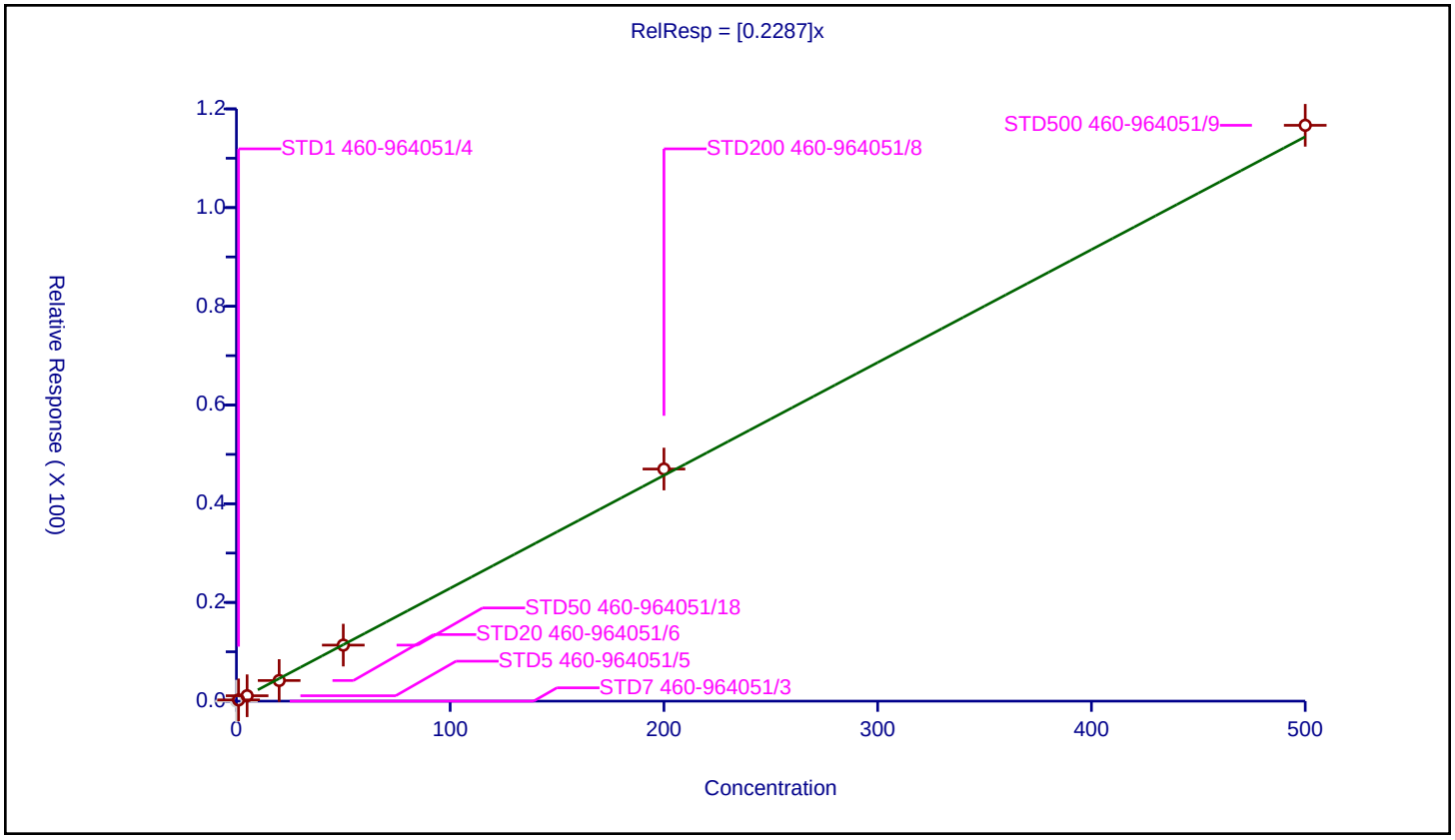
Curve Coefficients

Intercept:	0
Slope:	0.2287

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.249244	50.0	644550.0	0.249244	Y
3	STD5 460-964051/5	5.0	1.092372	50.0	635681.0	0.218474	Y
4	STD20 460-964051/6	20.0	4.180947	50.0	657686.0	0.209047	Y
5	STD50 460-964051/18	50.0	11.349917	50.0	645225.0	0.226998	Y
6	STD200 460-964051/8	200.0	47.028719	50.0	760682.0	0.235144	Y
7	STD500 460-964051/9	500.0	116.674146	50.0	813361.0	0.233348	Y



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Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

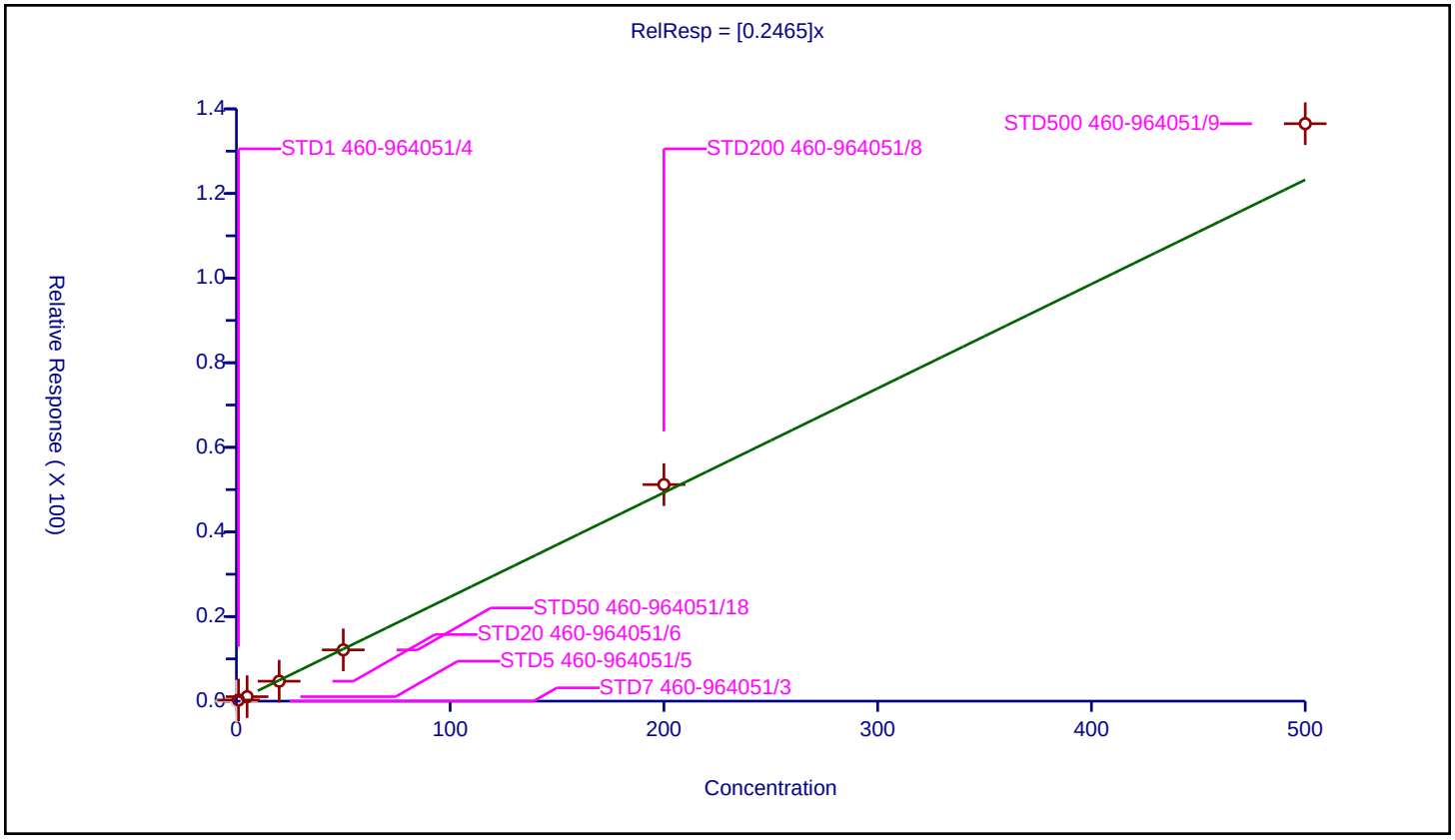
Curve Coefficients

Intercept:	0
Slope:	0.2465

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.26119	50.0	644550.0	0.26119	Y
3	STD5 460-964051/5	5.0	1.053437	50.0	635681.0	0.210687	Y
4	STD20 460-964051/6	20.0	4.715244	50.0	657686.0	0.235762	Y
5	STD50 460-964051/18	50.0	12.114301	50.0	645225.0	0.242286	Y
6	STD200 460-964051/8	200.0	51.187027	50.0	760682.0	0.255935	Y
7	STD500 460-964051/9	500.0	136.498861	50.0	813361.0	0.272998	Y



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Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

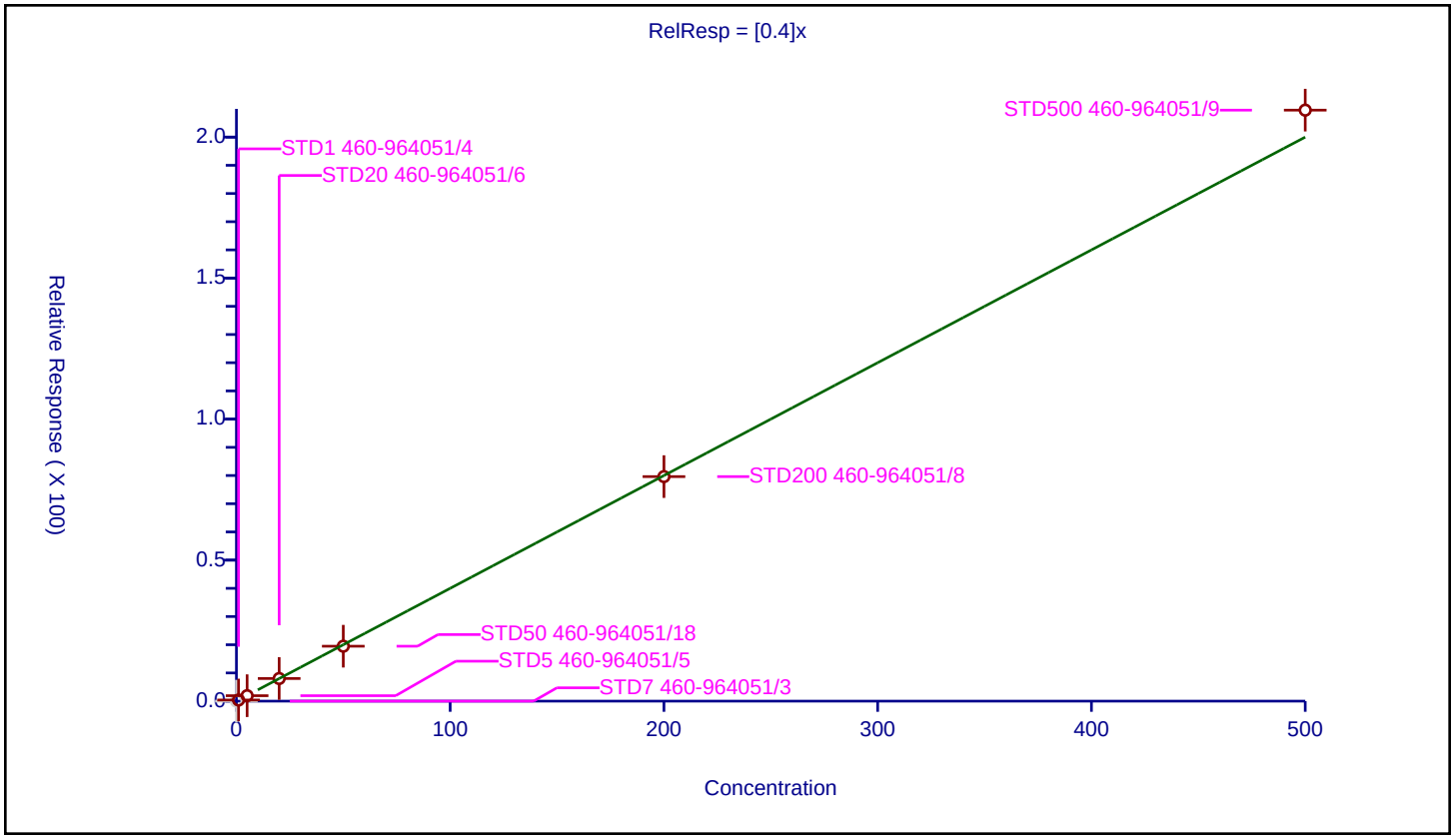
Curve Coefficients

Intercept:	0
Slope:	0.4

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.405865	50.0	644550.0	0.405865	Y
3	STD5 460-964051/5	5.0	1.932023	50.0	635681.0	0.386405	Y
4	STD20 460-964051/6	20.0	8.019176	50.0	657686.0	0.400959	Y
5	STD50 460-964051/18	50.0	19.475299	50.0	645225.0	0.389506	Y
6	STD200 460-964051/8	200.0	79.615529	50.0	760682.0	0.398078	Y
7	STD500 460-964051/9	500.0	209.554368	50.0	813361.0	0.419109	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

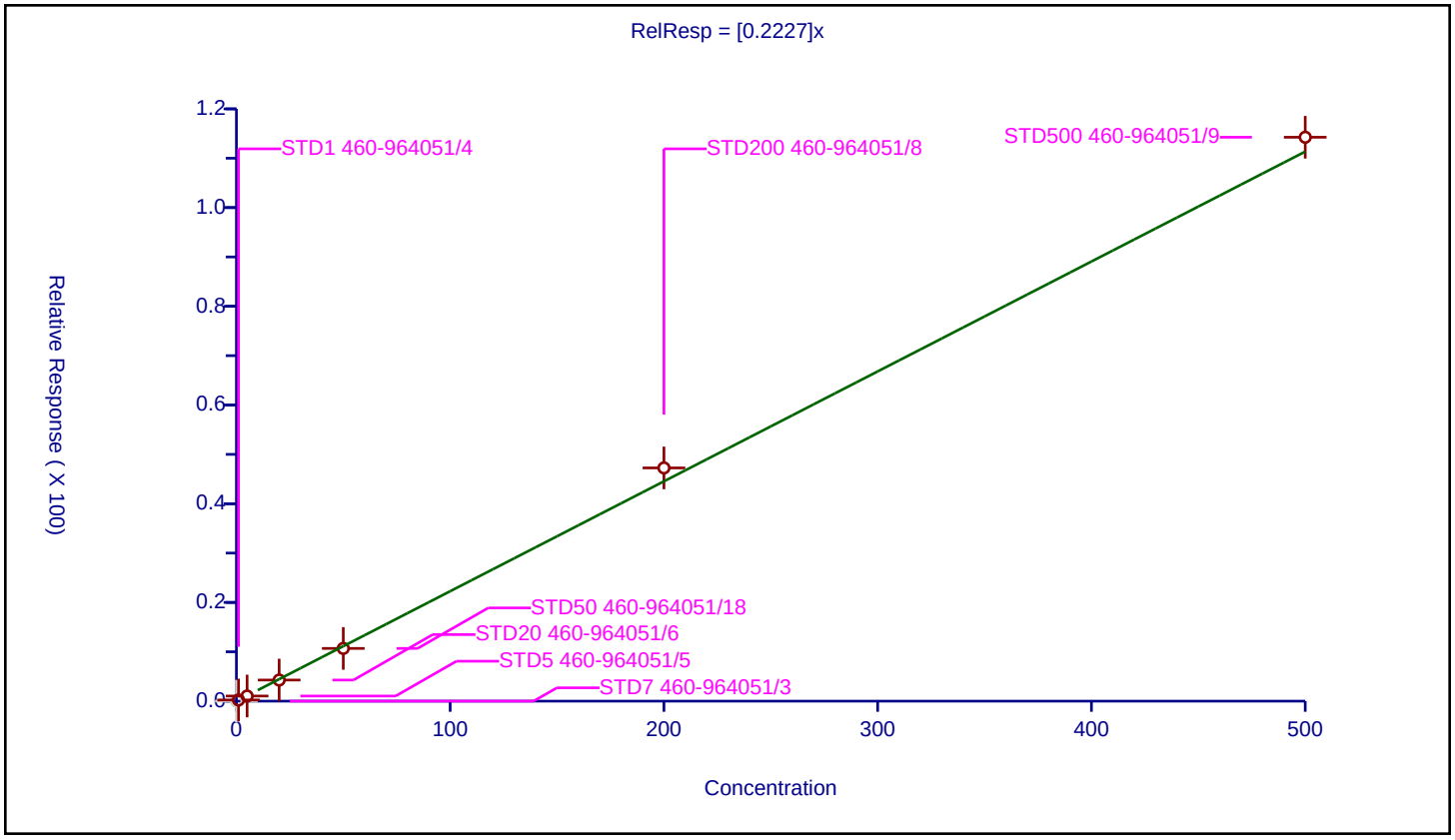
Curve Coefficients

Intercept:	0
Slope:	0.2227

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.236056	50.0	644550.0	0.236056	Y
3	STD5 460-964051/5	5.0	1.038886	50.0	635681.0	0.207777	Y
4	STD20 460-964051/6	20.0	4.276965	50.0	657686.0	0.213848	Y
5	STD50 460-964051/18	50.0	10.683328	50.0	645225.0	0.213667	Y
6	STD200 460-964051/8	200.0	47.254898	50.0	760682.0	0.236274	Y
7	STD500 460-964051/9	500.0	114.255171	50.0	813361.0	0.22851	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

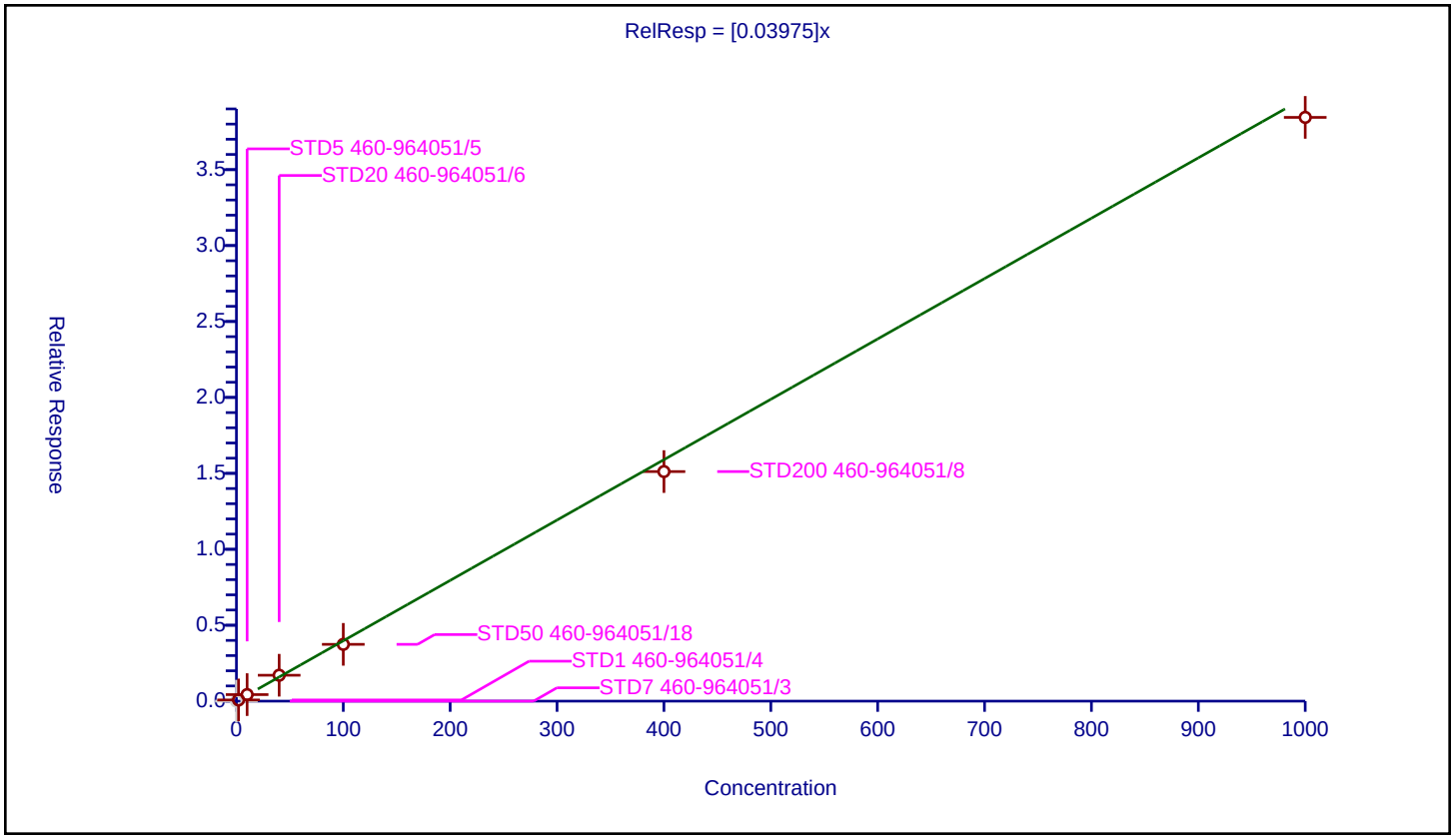
Curve Coefficients

Intercept:	0
Slope:	0.03975

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	2.0	0.078427	50.0	644550.0	0.039213	Y
3	STD5 460-964051/5	10.0	0.430011	50.0	635681.0	0.043001	Y
4	STD20 460-964051/6	40.0	1.706437	50.0	657686.0	0.042661	Y
5	STD50 460-964051/18	100.0	3.739936	50.0	645225.0	0.037399	Y
6	STD200 460-964051/8	400.0	15.116829	50.0	760682.0	0.037792	Y
7	STD500 460-964051/9	1000.0	38.441356	50.0	813361.0	0.038441	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

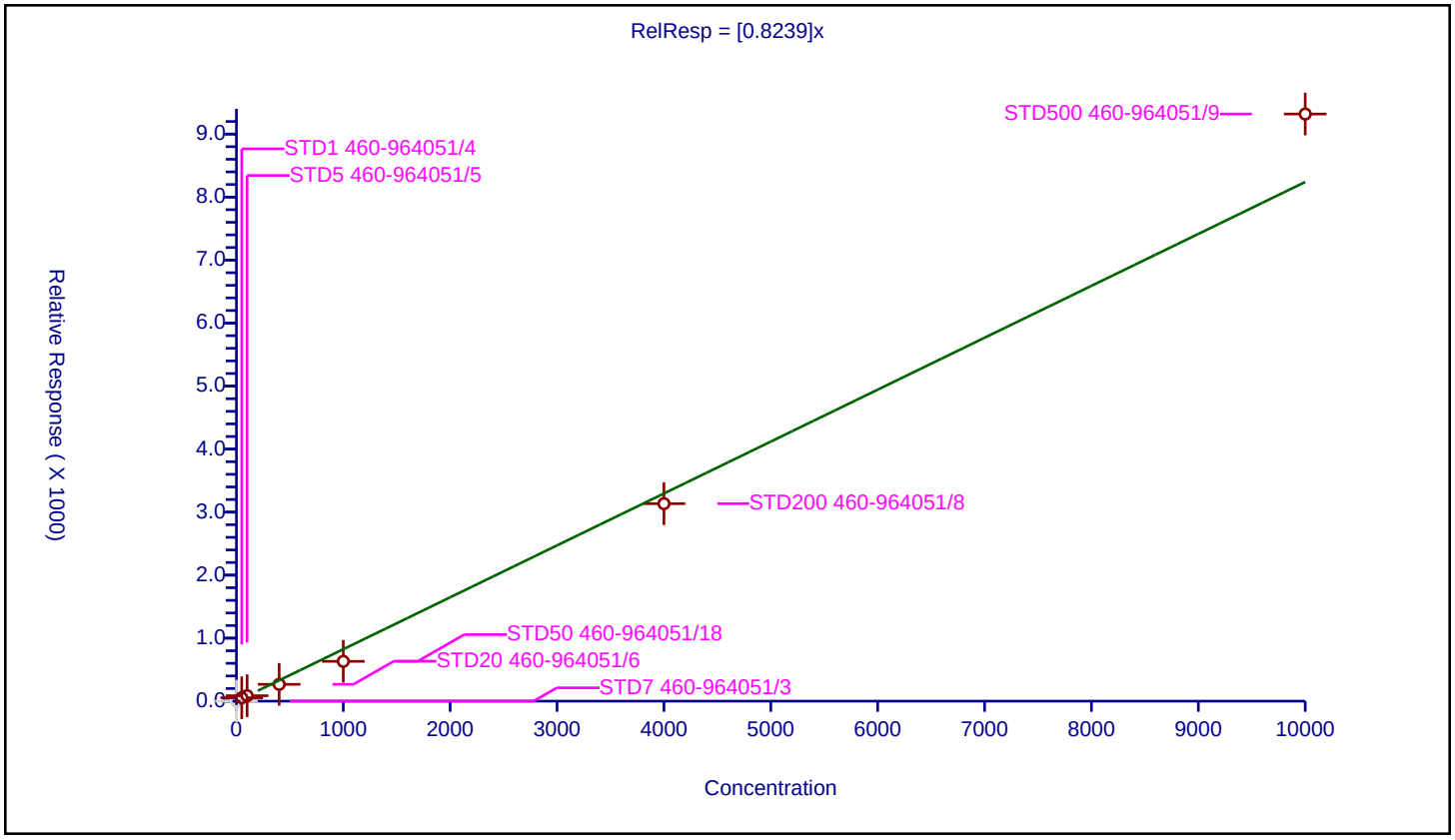
Curve Coefficients

Intercept:	0
Slope:	0.8239

Error Coefficients

Relative Standard Deviation:	20.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	1000.0	25831.0	NaN	N
2	STD1 460-964051/4	50.000062	53.37232	1000.0	25650.0	1.067445	Y
3	STD5 460-964051/5	100.0	86.161243	1000.0	28702.0	0.861612	Y
4	STD20 460-964051/6	400.0	266.869859	1000.0	30513.0	0.667175	Y
5	STD50 460-964051/18	1000.0	631.878059	1000.0	30441.0	0.631878	Y
6	STD200 460-964051/8	4000.0	3134.515152	1000.0	32041.0	0.783629	Y
7	STD500 460-964051/9	10000.0	9318.589044	1000.0	30249.0	0.931859	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

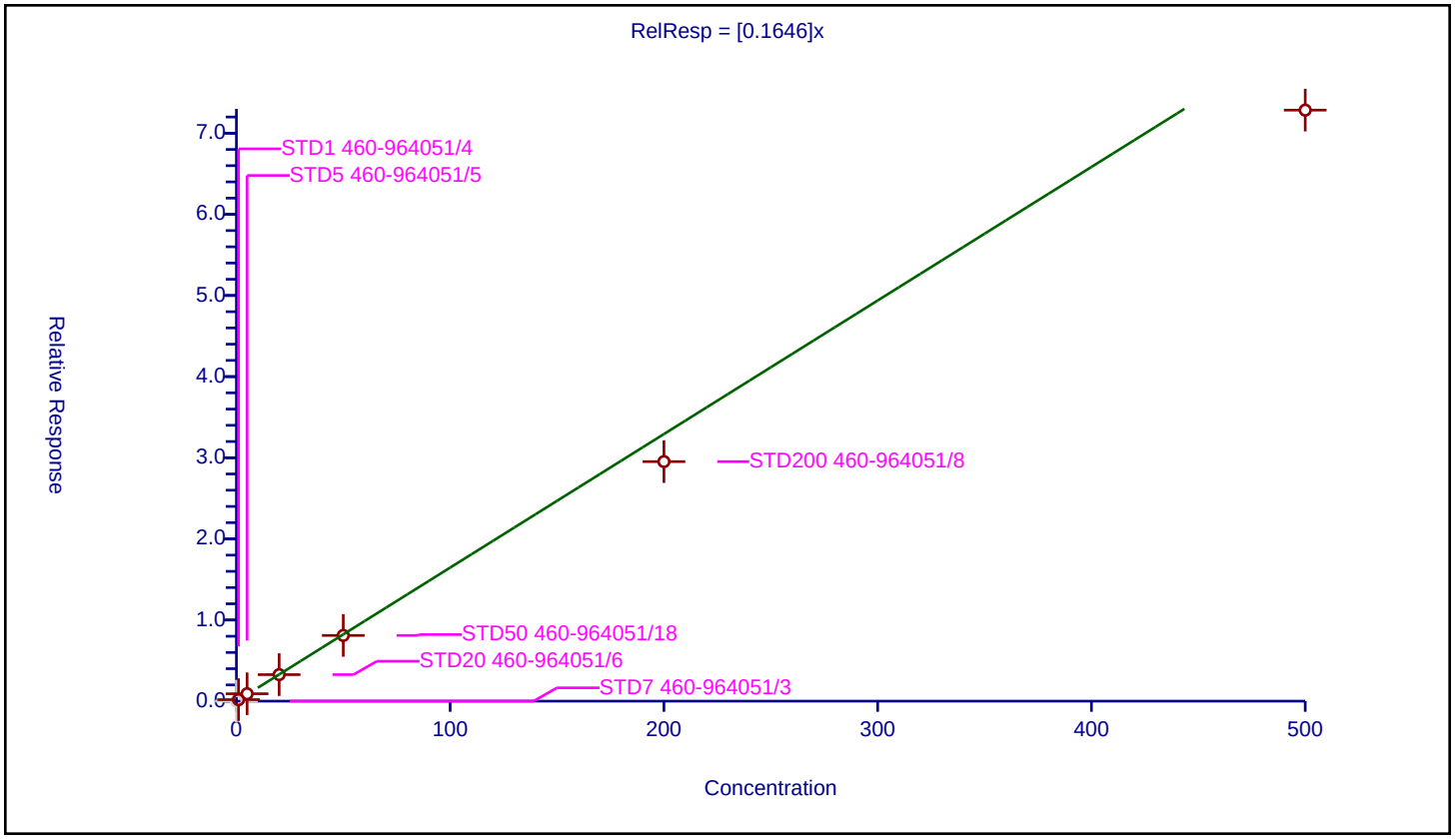
Curve Coefficients

Intercept:	0
Slope:	0.1646

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.186797	50.0	644550.0	0.186797	Y
3	STD5 460-964051/5	5.0	0.91052	50.0	635681.0	0.182104	Y
4	STD20 460-964051/6	20.0	3.269569	50.0	657686.0	0.163478	Y
5	STD50 460-964051/18	50.0	8.097408	50.0	645225.0	0.161948	Y
6	STD200 460-964051/8	200.0	29.524295	50.0	760682.0	0.147621	Y
7	STD500 460-964051/9	500.0	72.845637	50.0	813361.0	0.145691	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

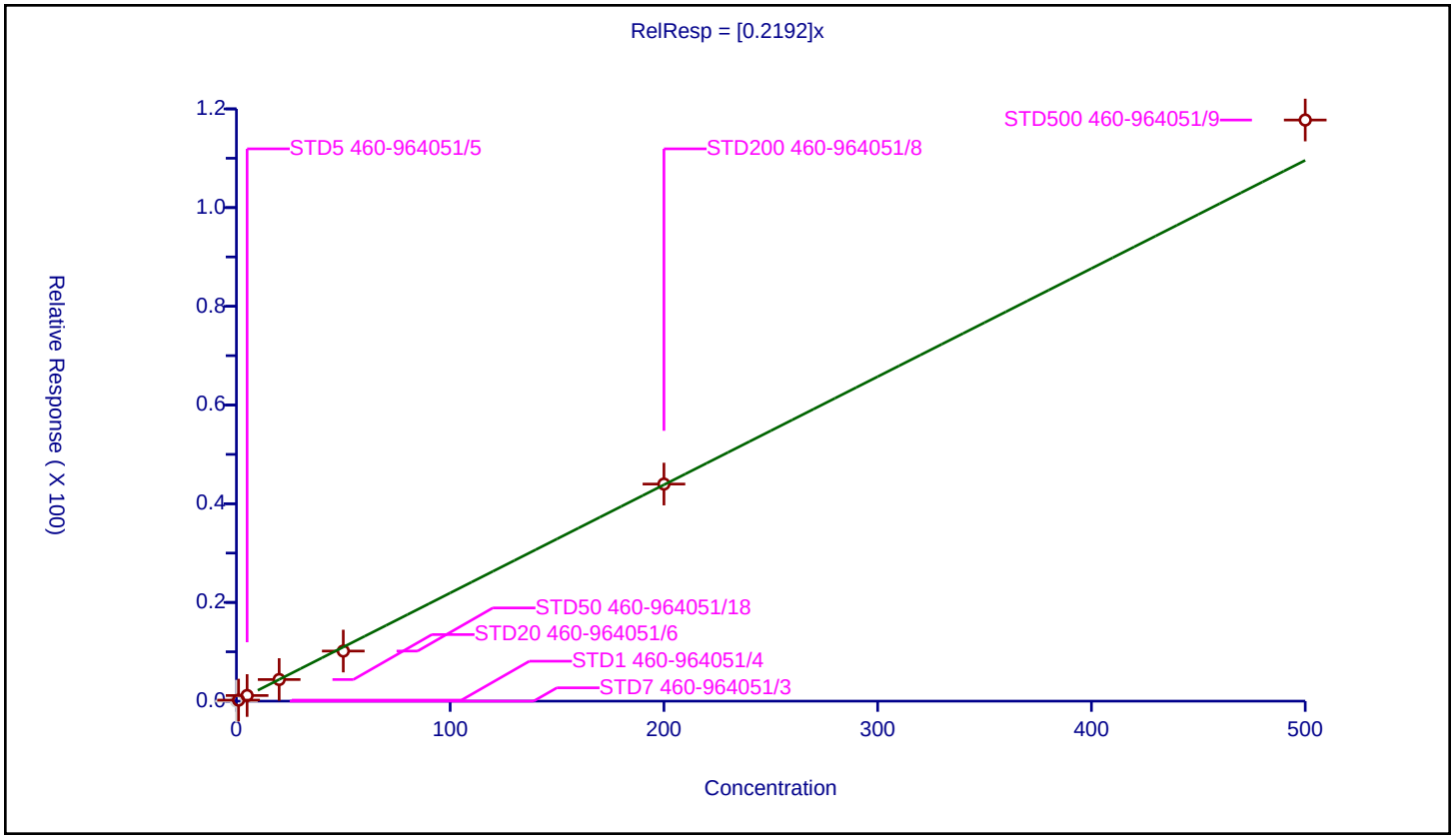
Curve Coefficients

Intercept:	0
Slope:	0.2192

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.209061	50.0	644550.0	0.209061	Y
3	STD5 460-964051/5	5.0	1.142318	50.0	635681.0	0.228464	Y
4	STD20 460-964051/6	20.0	4.381042	50.0	657686.0	0.219052	Y
5	STD50 460-964051/18	50.0	10.148243	50.0	645225.0	0.202965	Y
6	STD200 460-964051/8	200.0	43.985595	50.0	760682.0	0.219928	Y
7	STD500 460-964051/9	500.0	117.741753	50.0	813361.0	0.235484	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

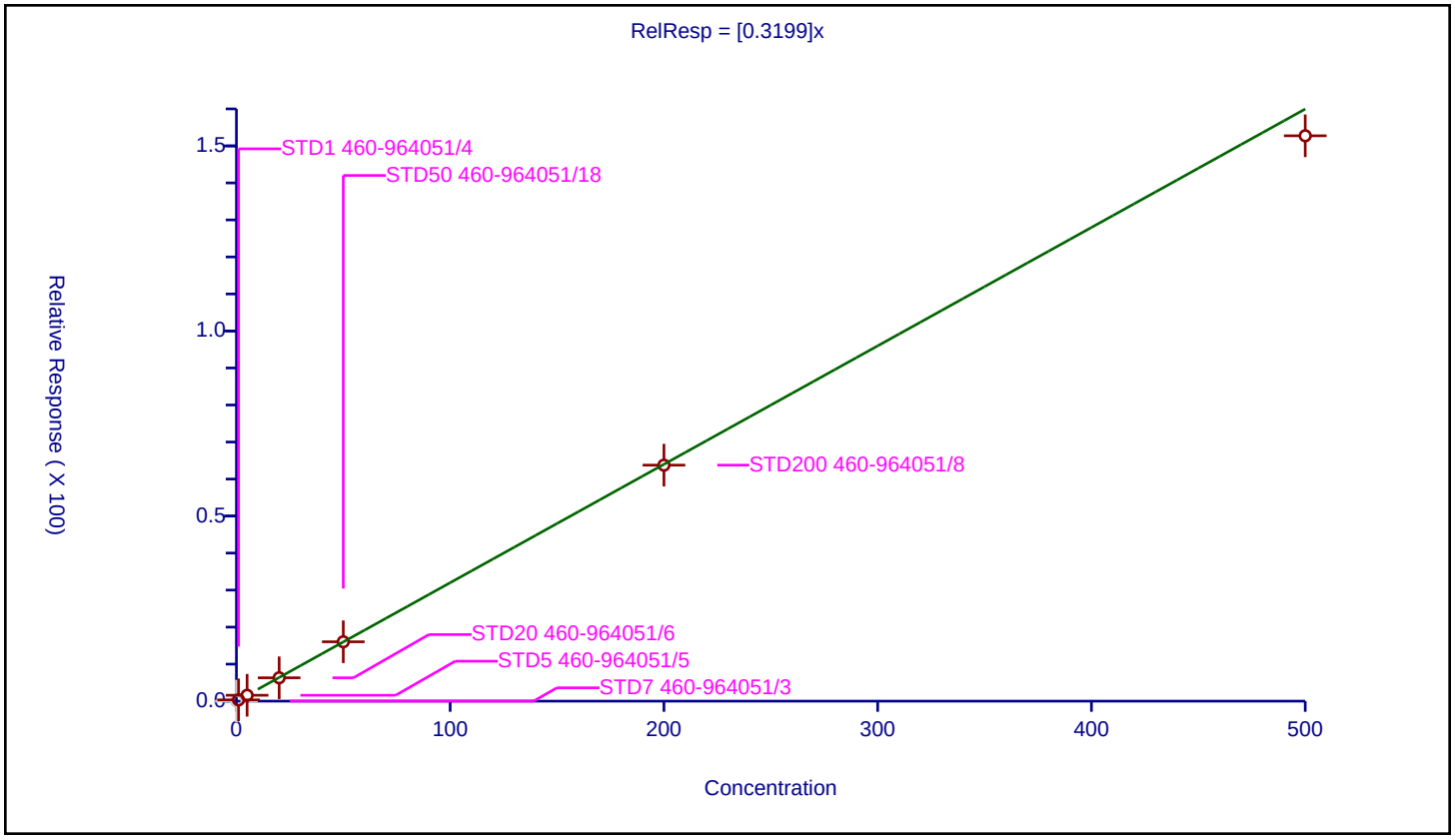
Curve Coefficients

Intercept:	0
Slope:	0.3199

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.342254	50.0	644550.0	0.342254	Y
3	STD5 460-964051/5	5.0	1.585465	50.0	635681.0	0.317093	Y
4	STD20 460-964051/6	20.0	6.305213	50.0	657686.0	0.315261	Y
5	STD50 460-964051/18	50.0	16.034562	50.0	645225.0	0.320691	Y
6	STD200 460-964051/8	200.0	63.753842	50.0	760682.0	0.318769	Y
7	STD500 460-964051/9	500.0	152.735809	50.0	813361.0	0.305472	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

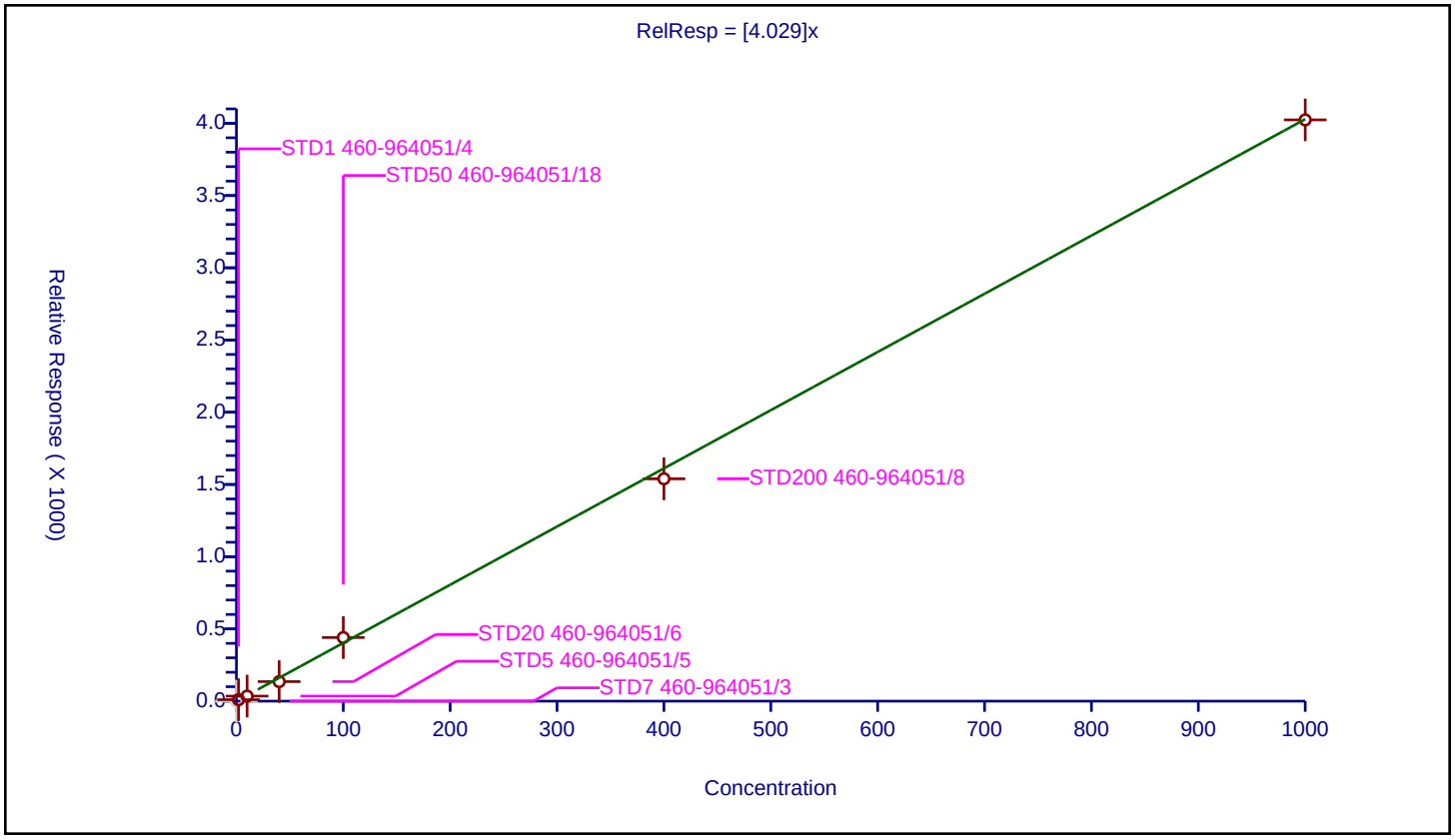
Curve Coefficients

Intercept:	0
Slope:	4.029

Error Coefficients

Relative Standard Deviation:	15.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	1000.0	163701.0	NaN	N
2	STD1 460-964051/4	2.0	10.031757	1000.0	176340.0	5.015878	Y
3	STD5 460-964051/5	10.0	35.011139	1000.0	198394.0	3.501114	Y
4	STD20 460-964051/6	40.0	135.270541	1000.0	177644.0	3.381764	Y
5	STD50 460-964051/18	100.0	440.171252	1000.0	123327.0	4.401713	Y
6	STD200 460-964051/8	400.0	1539.177155	1000.0	180909.0	3.847943	Y
7	STD500 460-964051/9	1000.0	4023.77444	1000.0	192055.0	4.023774	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

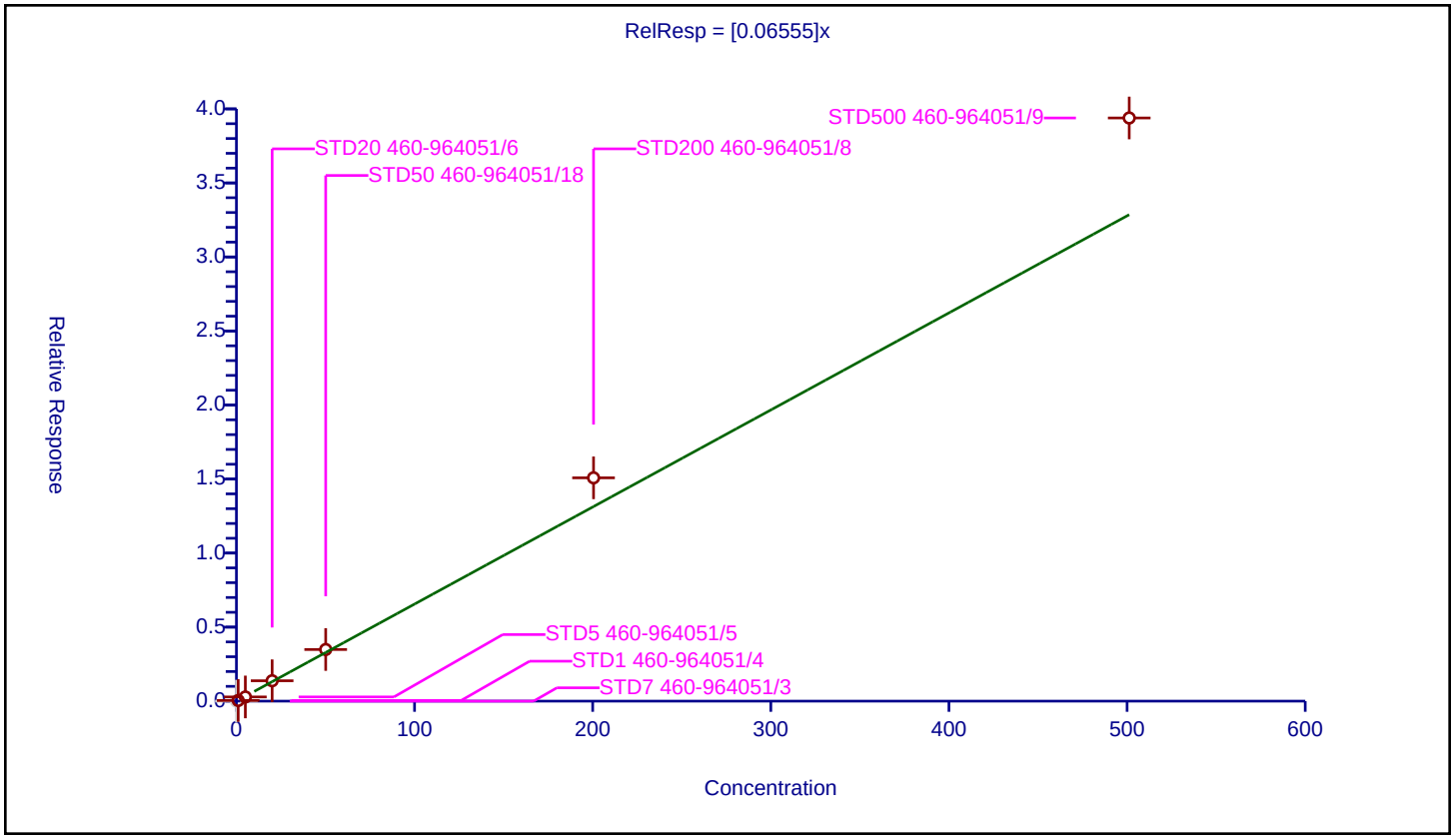
Curve Coefficients

Intercept:	0
Slope:	0.06555

Error Coefficients

Relative Standard Deviation:	19.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0024	0.044915	50.0	644550.0	0.044808	Y
3	STD5 460-964051/5	5.012	0.282846	50.0	635681.0	0.056434	Y
4	STD20 460-964051/6	20.048	1.376721	50.0	657686.0	0.068671	Y
5	STD50 460-964051/18	50.12	3.487776	50.0	645225.0	0.069588	Y
6	STD200 460-964051/8	200.48	15.082189	50.0	760682.0	0.07523	Y
7	STD500 460-964051/9	501.2	39.386509	50.0	813361.0	0.078584	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

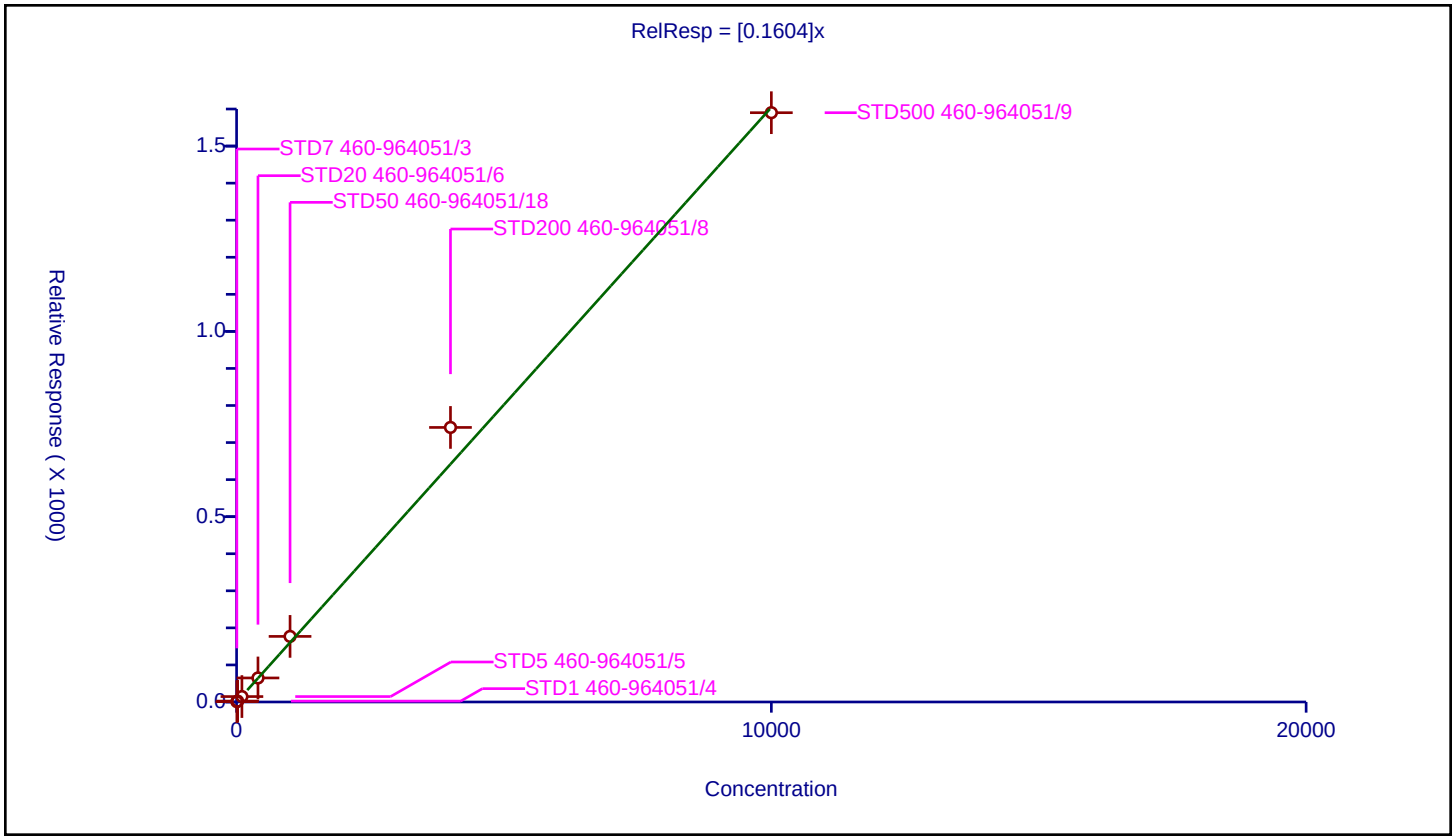
Curve Coefficients

Intercept:	0
Slope:	0.1604

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	5.000009	0.865481	250.0	290012.0	0.173096	Y
2	STD1 460-964051/4	20.000035	2.403495	250.0	335761.0	0.120175	Y
3	STD5 460-964051/5	100.000173	14.651157	250.0	313866.0	0.146511	Y
4	STD20 460-964051/6	400.000692	64.842116	250.0	319823.0	0.162105	Y
5	STD50 460-964051/18	1000.00173	176.934949	250.0	280240.0	0.176935	Y
6	STD200 460-964051/8	4000.00692	740.823883	250.0	324075.0	0.185206	Y
7	STD500 460-964051/9	10000.0173	1590.101948	250.0	366951.0	0.15901	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

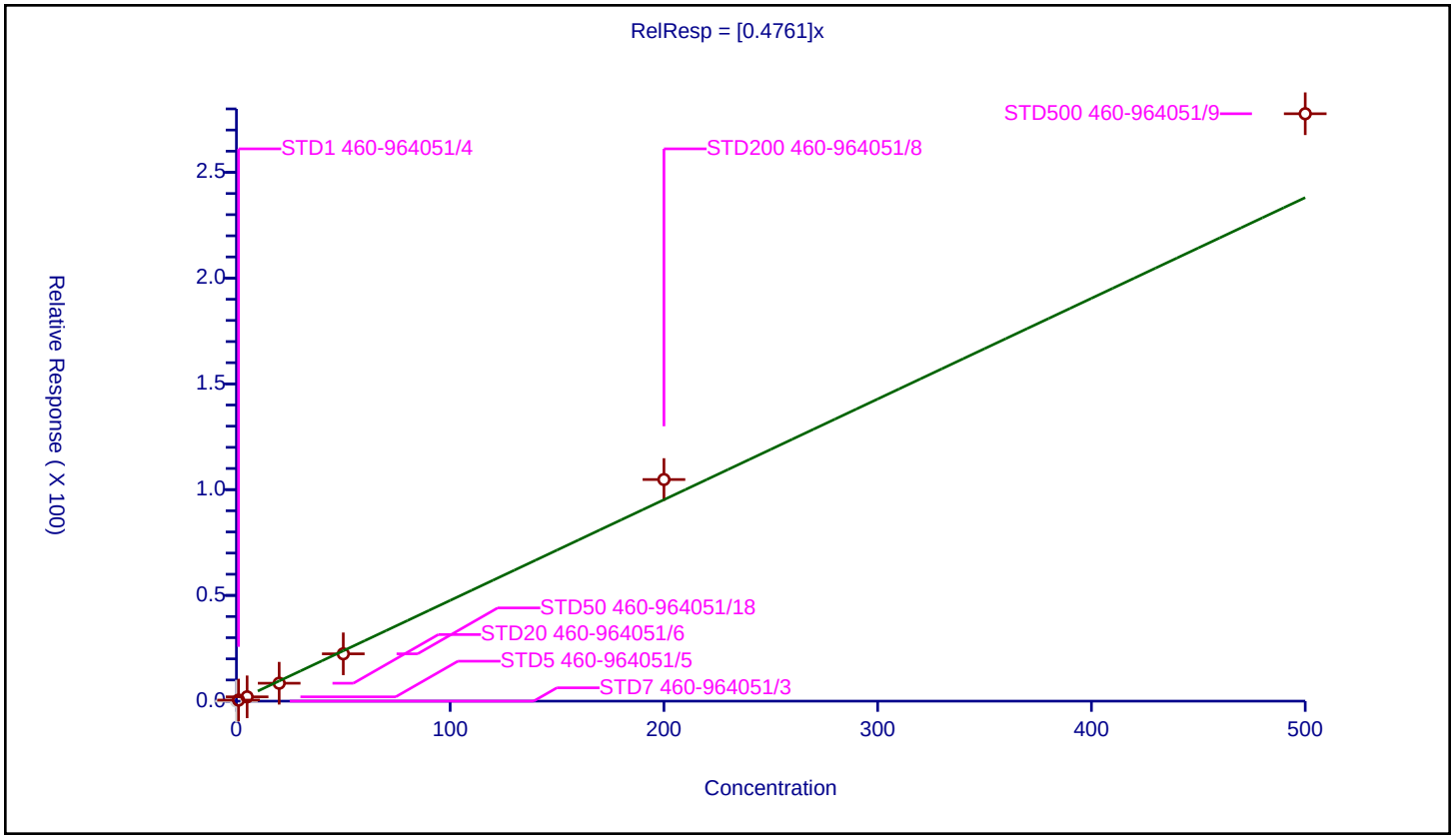
Curve Coefficients

Intercept:	0
Slope:	0.4761

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.498777	50.0	500725.0	0.498777	Y
3	STD5 460-964051/5	5.0	2.037725	50.0	508999.0	0.407545	Y
4	STD20 460-964051/6	20.0	8.472316	50.0	518589.0	0.423616	Y
5	STD50 460-964051/18	50.0	22.375508	50.0	492181.0	0.44751	Y
6	STD200 460-964051/8	200.0	104.77219	50.0	535467.0	0.523861	Y
7	STD500 460-964051/9	500.0	277.713273	50.0	535101.0	0.555427	Y



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Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

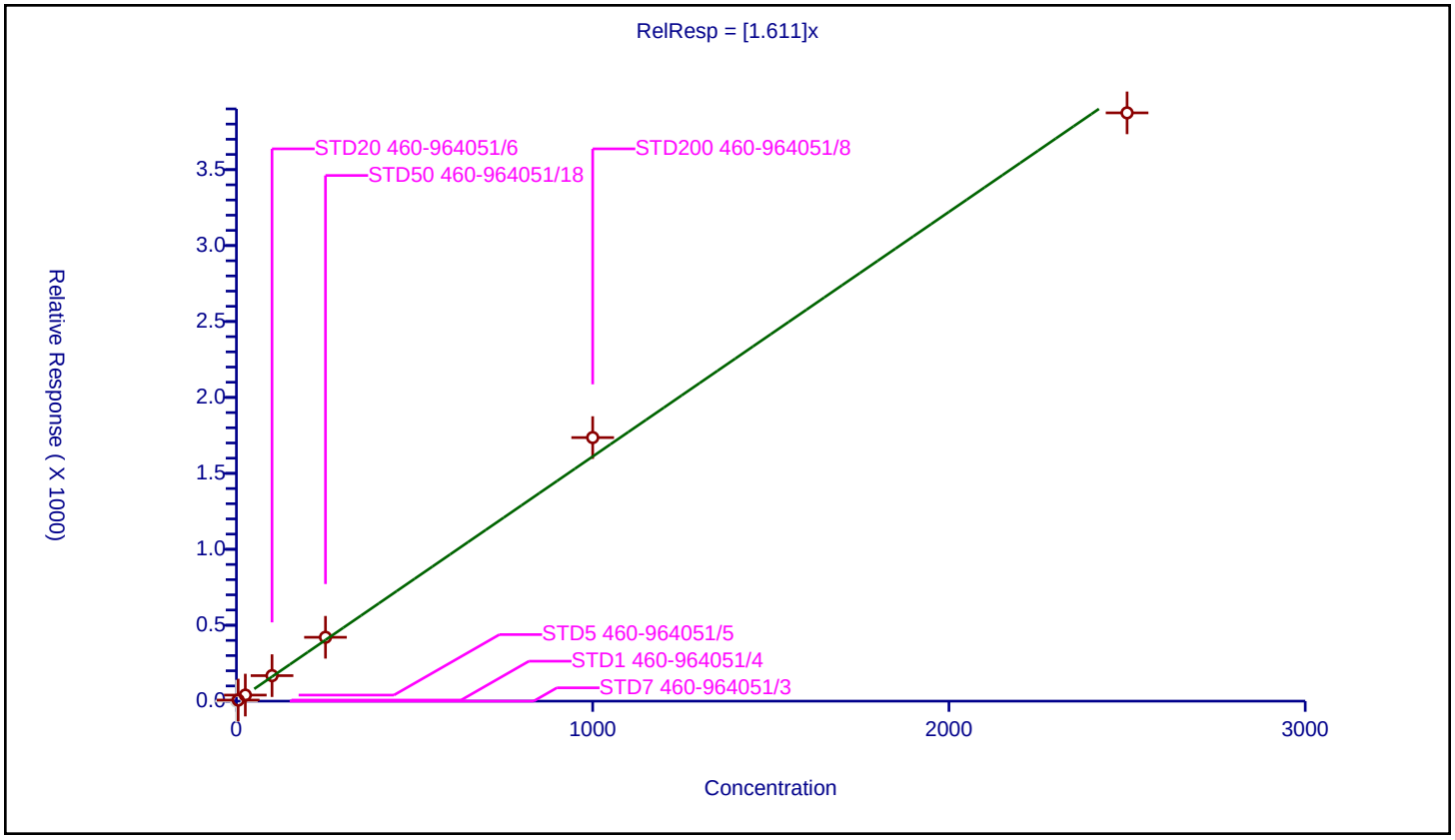
Curve Coefficients

Intercept:	0
Slope:	1.611

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	250.0	290012.0	NaN	N
2	STD1 460-964051/4	5.0	7.094332	250.0	335761.0	1.418866	Y
3	STD5 460-964051/5	25.0	39.976455	250.0	313866.0	1.599058	Y
4	STD20 460-964051/6	100.0	168.014027	250.0	319823.0	1.68014	Y
5	STD50 460-964051/18	250.0	420.5663	250.0	280240.0	1.682265	Y
6	STD200 460-964051/8	1000.0	1735.556584	250.0	324075.0	1.735557	Y
7	STD500 460-964051/9	2500.0	3873.872806	250.0	366951.0	1.549549	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

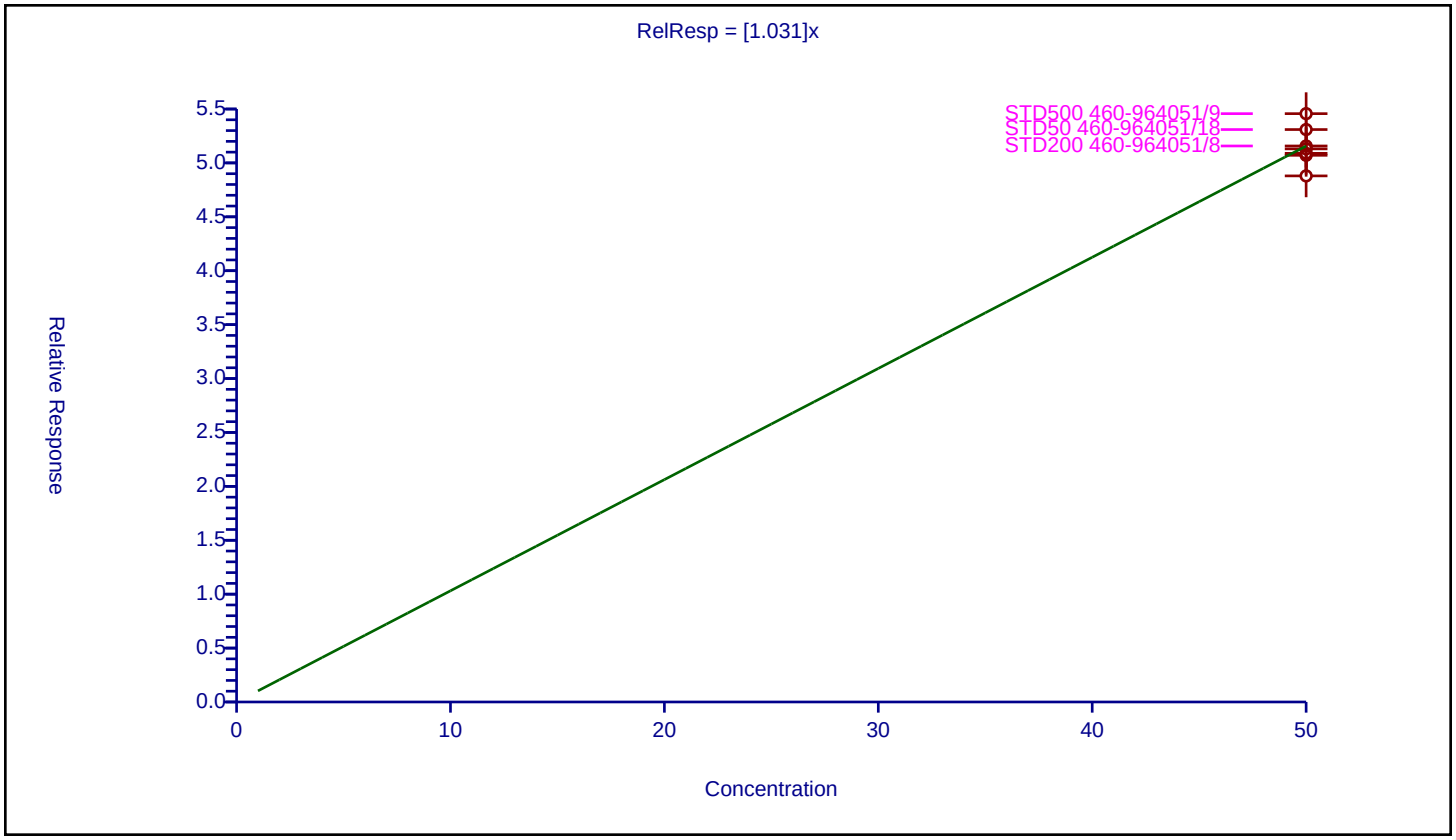
Curve Coefficients

Intercept:	0
Slope:	1.031

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	50.0	48.797443	50.0	497856.0	0.975949	Y
2	STD1 460-964051/4	50.0	50.706575	50.0	500725.0	1.014132	Y
3	STD5 460-964051/5	50.0	51.301181	50.0	508999.0	1.026024	Y
4	STD20 460-964051/6	50.0	50.887986	50.0	518589.0	1.01776	Y
5	STD200 460-964051/8	50.0	51.572553	50.0	535467.0	1.031451	Y
6	STD500 460-964051/9	50.0	54.569044	50.0	535101.0	1.091381	Y
7	STD50 460-964051/18	50.0	53.09439	50.0	492181.0	1.061888	Y



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Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

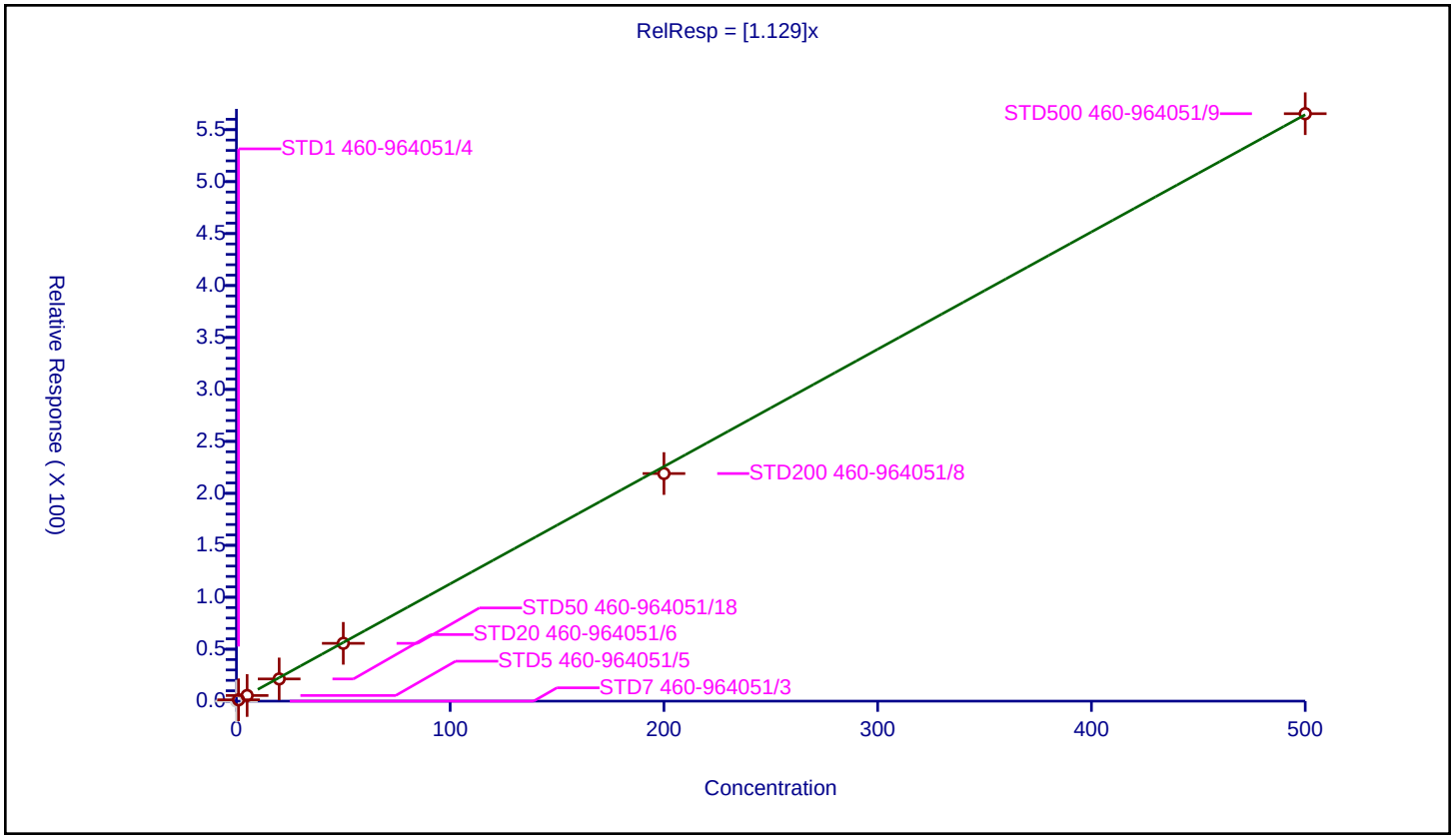
Curve Coefficients

Intercept:	0
Slope:	1.129

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	1.283938	50.0	500725.0	1.283938	Y
3	STD5 460-964051/5	5.0	5.413272	50.0	508999.0	1.082654	Y
4	STD20 460-964051/6	20.0	21.360364	50.0	518589.0	1.068018	Y
5	STD50 460-964051/18	50.0	55.638982	50.0	492181.0	1.11278	Y
6	STD200 460-964051/8	200.0	219.059344	50.0	535467.0	1.095297	Y
7	STD500 460-964051/9	500.0	565.388777	50.0	535101.0	1.130778	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

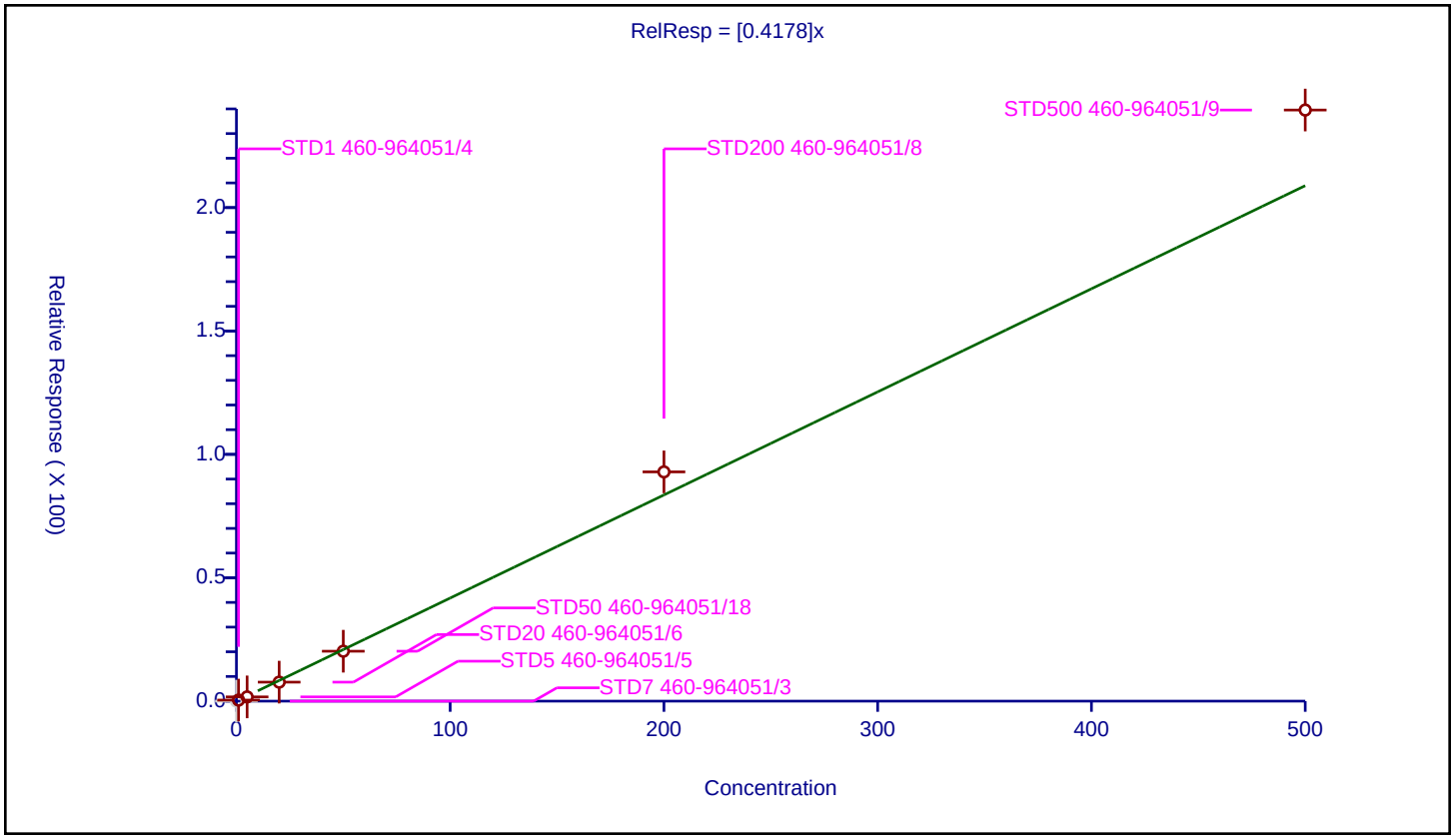
Curve Coefficients

Intercept:	0
Slope:	0.4178

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.428279	50.0	500725.0	0.428279	Y
3	STD5 460-964051/5	5.0	1.725249	50.0	508999.0	0.34505	Y
4	STD20 460-964051/6	20.0	7.700703	50.0	518589.0	0.385035	Y
5	STD50 460-964051/18	50.0	20.232293	50.0	492181.0	0.404646	Y
6	STD200 460-964051/8	200.0	92.897882	50.0	535467.0	0.464489	Y
7	STD500 460-964051/9	500.0	239.531229	50.0	535101.0	0.479062	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

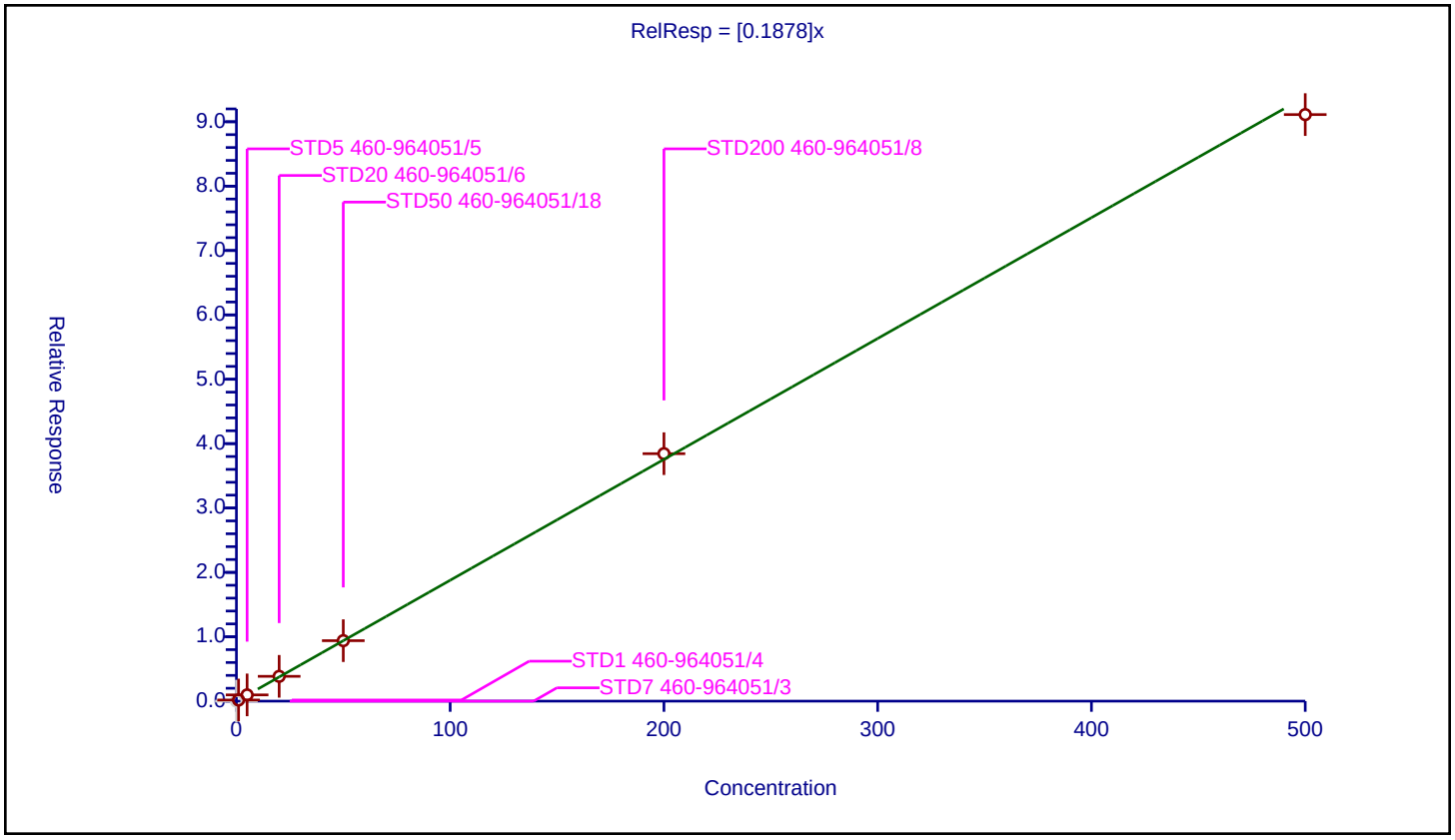
Curve Coefficients

Intercept:	0
Slope:	0.1878

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	599048.0	NaN	N
2	STD1 460-964051/4	1.0	0.177721	50.0	644550.0	0.177721	Y
3	STD5 460-964051/5	5.0	0.968804	50.0	635681.0	0.193761	Y
4	STD20 460-964051/6	20.0	3.855943	50.0	657686.0	0.192797	Y
5	STD50 460-964051/18	50.0	9.395327	50.0	645225.0	0.187907	Y
6	STD200 460-964051/8	200.0	38.44057	50.0	760682.0	0.192203	Y
7	STD500 460-964051/9	500.0	91.115261	50.0	813361.0	0.182231	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

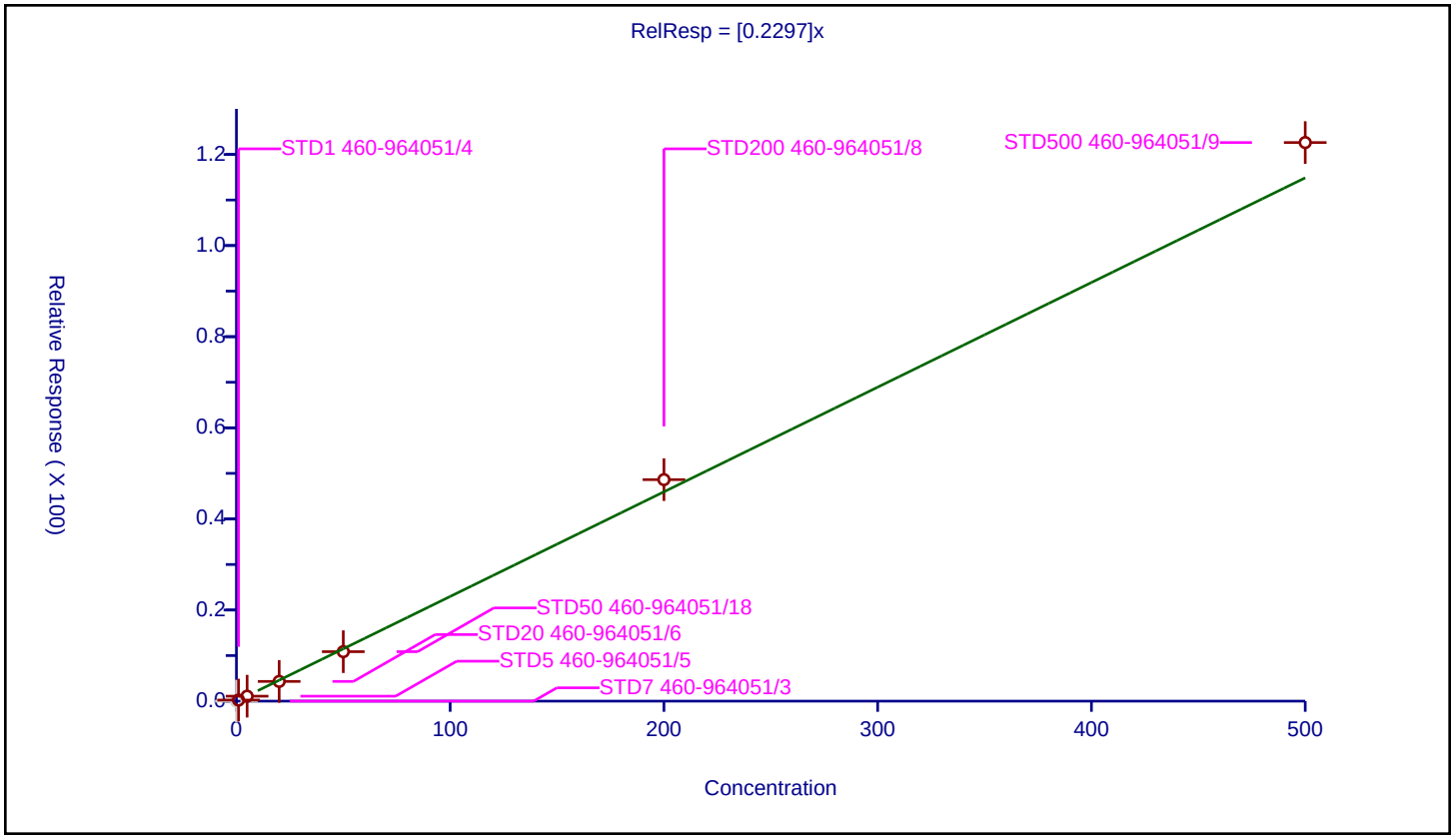
Curve Coefficients

Intercept:	0
Slope:	0.2297

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.238255	50.0	500725.0	0.238255	Y
3	STD5 460-964051/5	5.0	1.091358	50.0	508999.0	0.218272	Y
4	STD20 460-964051/6	20.0	4.326548	50.0	518589.0	0.216327	Y
5	STD50 460-964051/18	50.0	10.861858	50.0	492181.0	0.217237	Y
6	STD200 460-964051/8	200.0	48.619429	50.0	535467.0	0.243097	Y
7	STD500 460-964051/9	500.0	122.611339	50.0	535101.0	0.245223	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

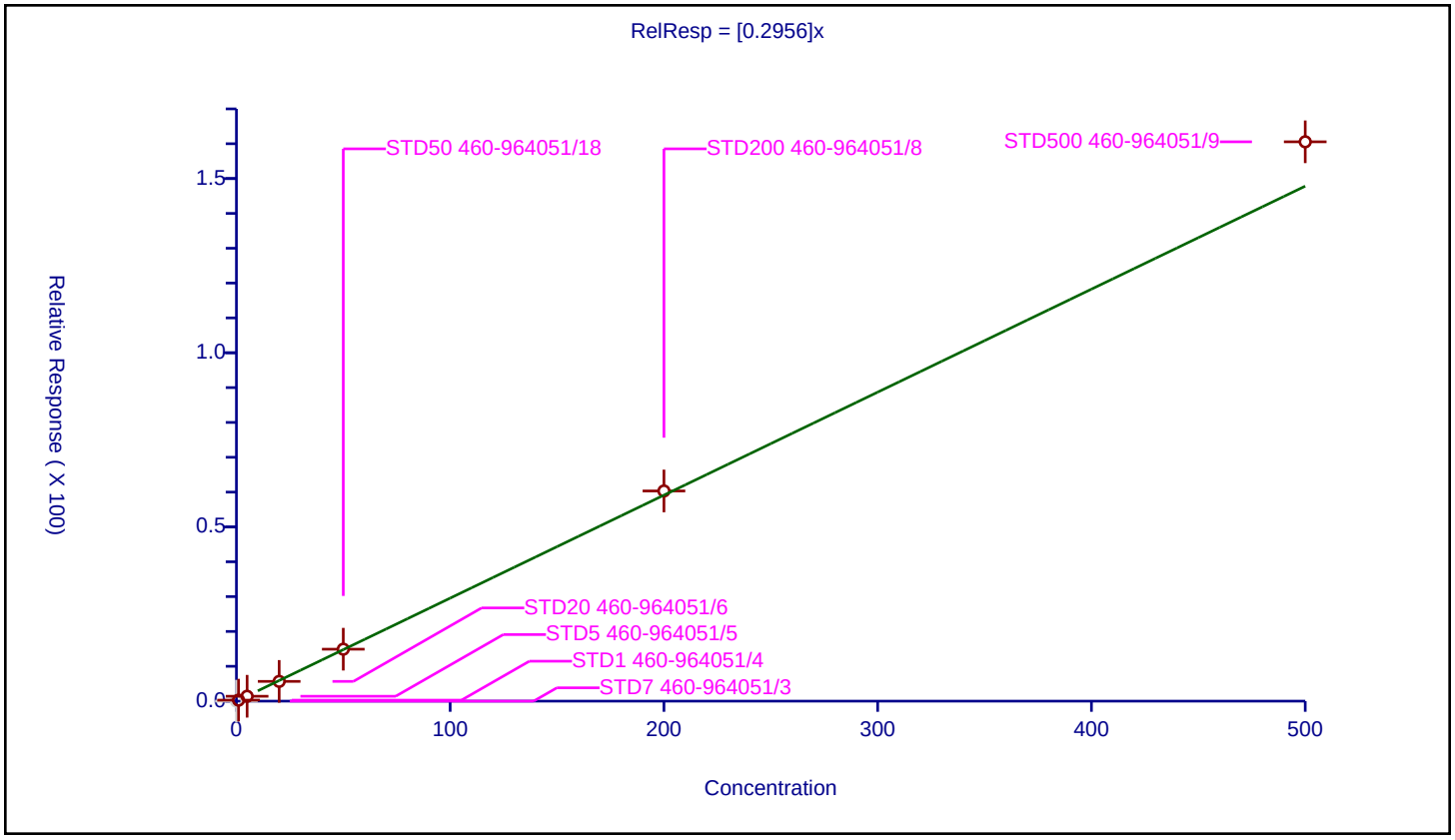
Curve Coefficients

Intercept:	0
Slope:	0.2956

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.28938	50.0	500725.0	0.28938	Y
3	STD5 460-964051/5	5.0	1.400101	50.0	508999.0	0.28002	Y
4	STD20 460-964051/6	20.0	5.669229	50.0	518589.0	0.283461	Y
5	STD50 460-964051/18	50.0	14.910978	50.0	492181.0	0.29822	Y
6	STD200 460-964051/8	200.0	60.329675	50.0	535467.0	0.301648	Y
7	STD500 460-964051/9	500.0	160.547915	50.0	535101.0	0.321096	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

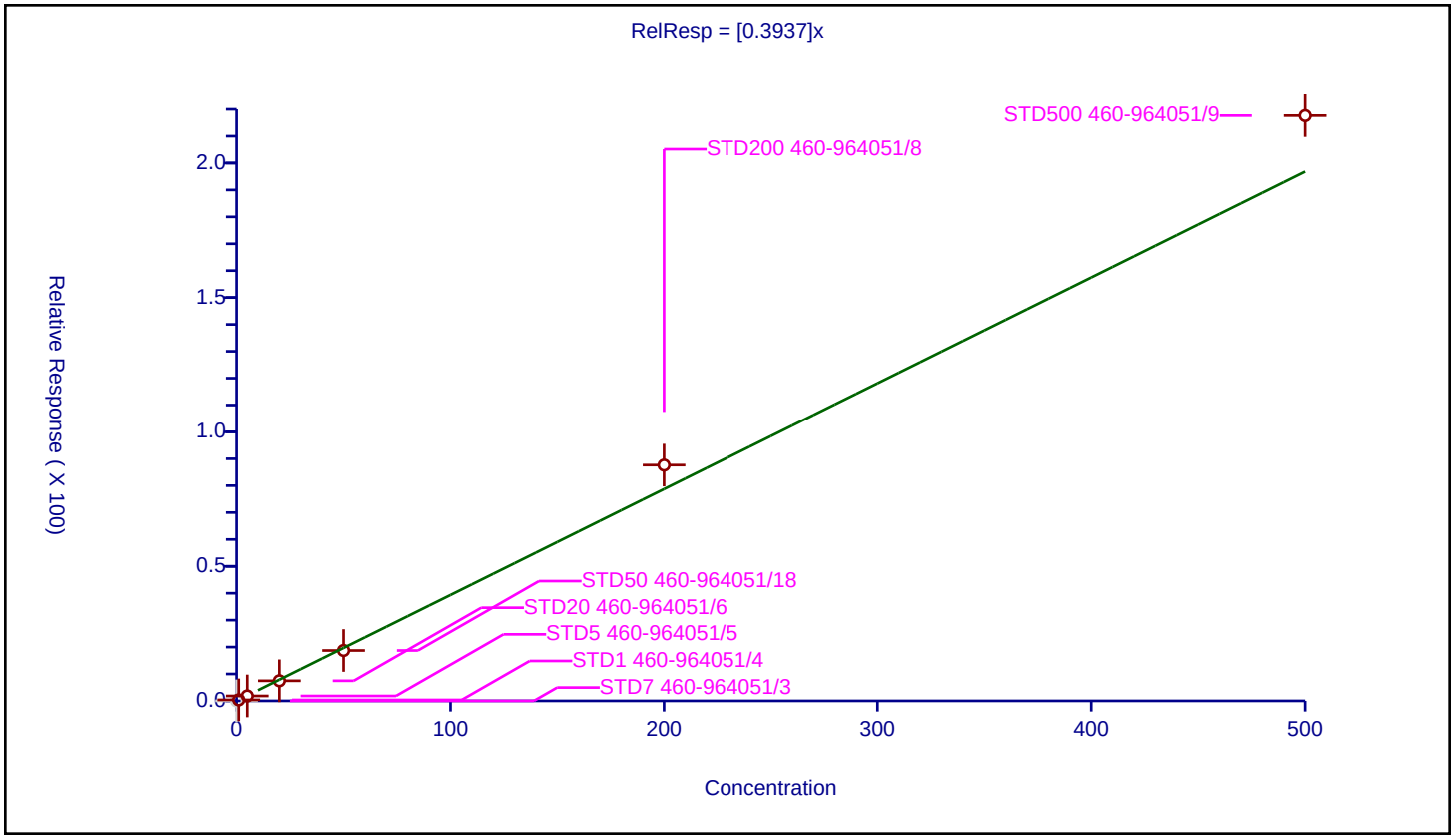
Curve Coefficients

Intercept:	0
Slope:	0.3937

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.373259	50.0	500725.0	0.373259	Y
3	STD5 460-964051/5	5.0	1.835662	50.0	508999.0	0.367132	Y
4	STD20 460-964051/6	20.0	7.469403	50.0	518589.0	0.37347	Y
5	STD50 460-964051/18	50.0	18.727866	50.0	492181.0	0.374557	Y
6	STD200 460-964051/8	200.0	87.650313	50.0	535467.0	0.438252	Y
7	STD500 460-964051/9	500.0	217.653677	50.0	535101.0	0.435307	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

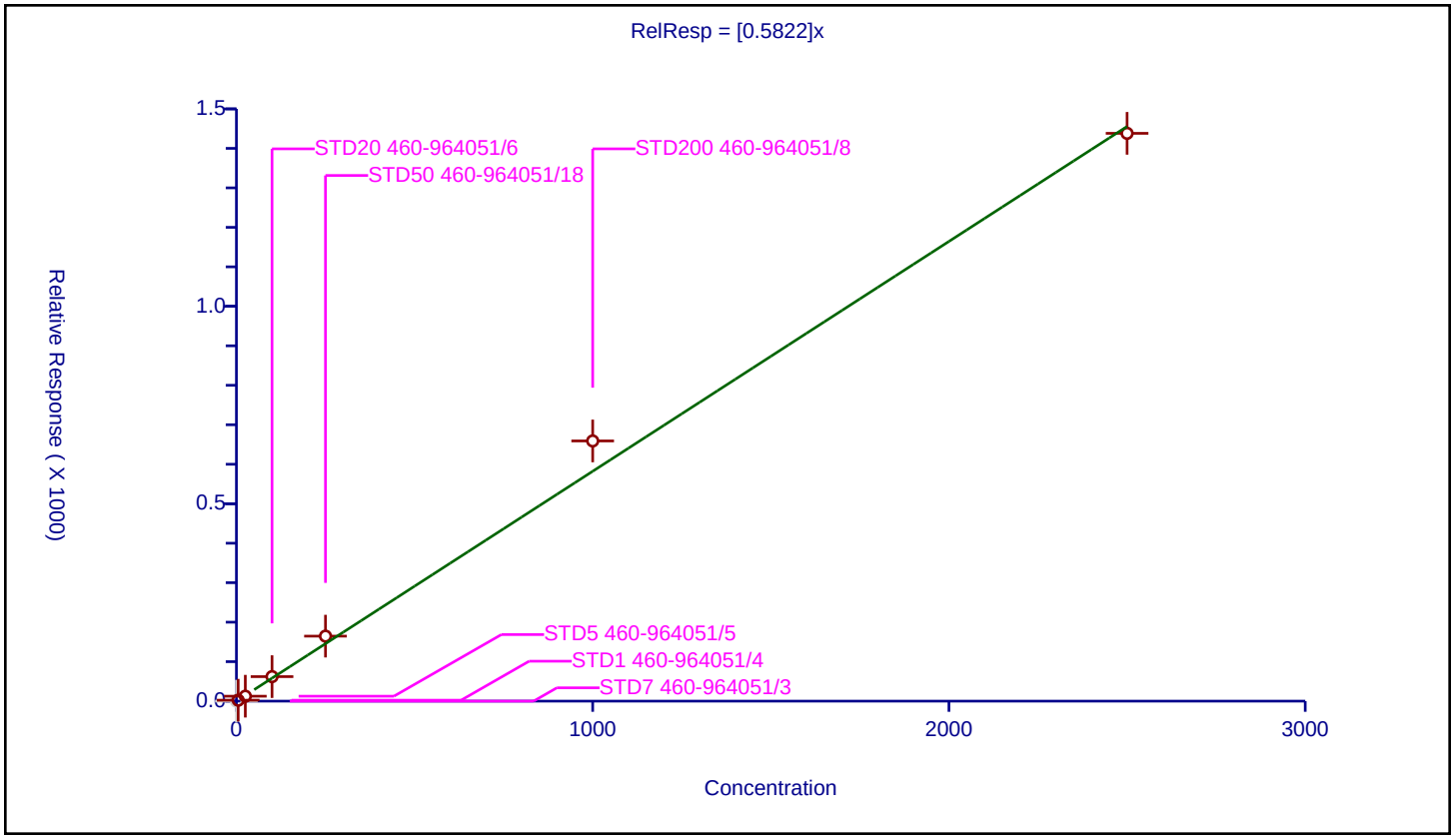
Curve Coefficients

Intercept:	0
Slope:	0.5822

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	250.0	290012.0	NaN	N
2	STD1 460-964051/4	5.0	2.39605	250.0	335761.0	0.47921	Y
3	STD5 460-964051/5	25.0	12.510116	250.0	313866.0	0.500405	Y
4	STD20 460-964051/6	100.0	62.066362	250.0	319823.0	0.620664	Y
5	STD50 460-964051/18	250.0	164.637454	250.0	280240.0	0.65855	Y
6	STD200 460-964051/8	1000.0	659.014889	250.0	324075.0	0.659015	Y
7	STD500 460-964051/9	2500.0	1438.105496	250.0	366951.0	0.575242	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

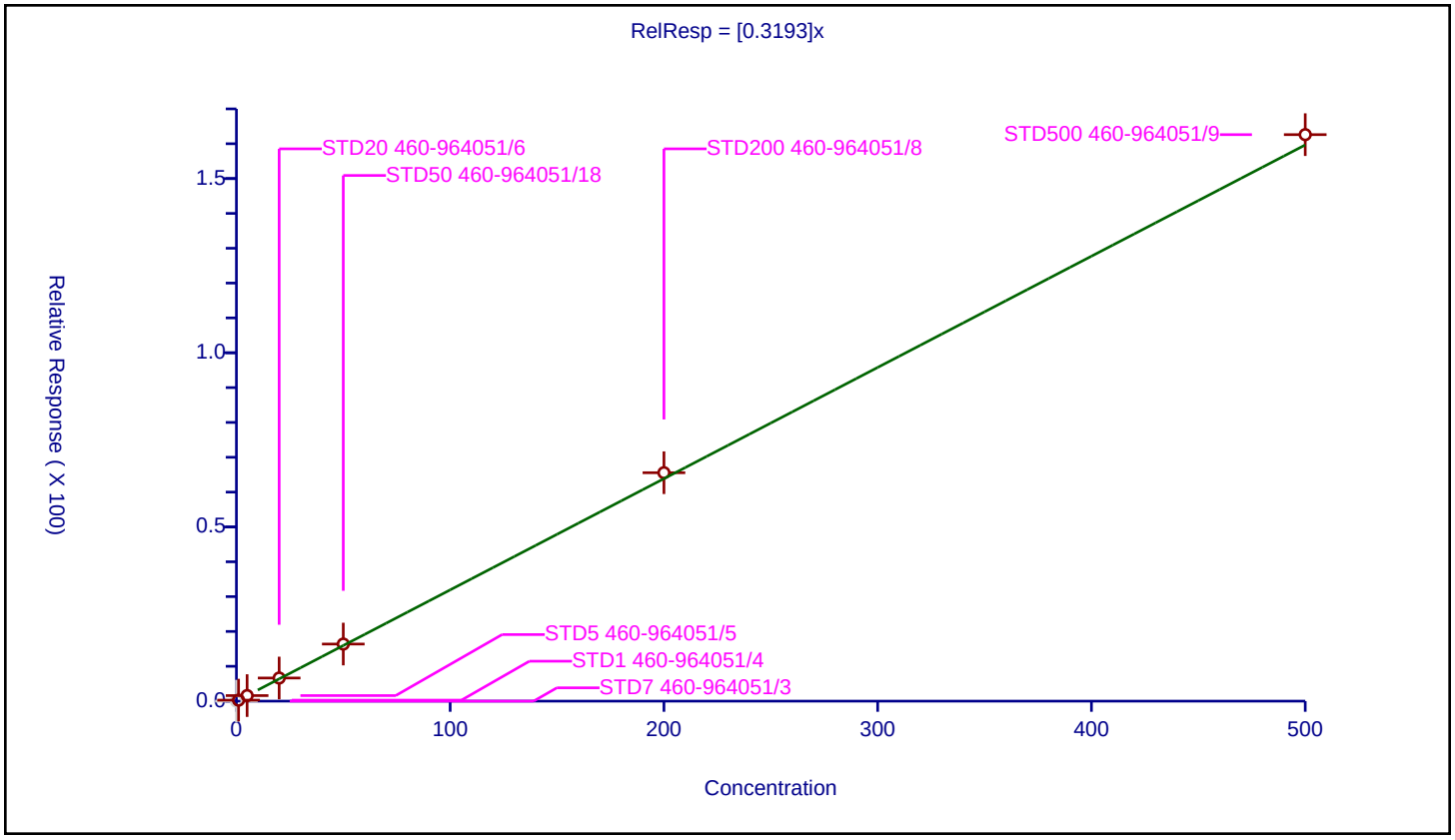
Curve Coefficients

Intercept:	0
Slope:	0.3193

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.283888	50.0	500725.0	0.283888	Y
3	STD5 460-964051/5	5.0	1.59627	50.0	508999.0	0.319254	Y
4	STD20 460-964051/6	20.0	6.636855	50.0	518589.0	0.331843	Y
5	STD50 460-964051/18	50.0	16.386147	50.0	492181.0	0.327723	Y
6	STD200 460-964051/8	200.0	65.565665	50.0	535467.0	0.327828	Y
7	STD500 460-964051/9	500.0	162.604349	50.0	535101.0	0.325209	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

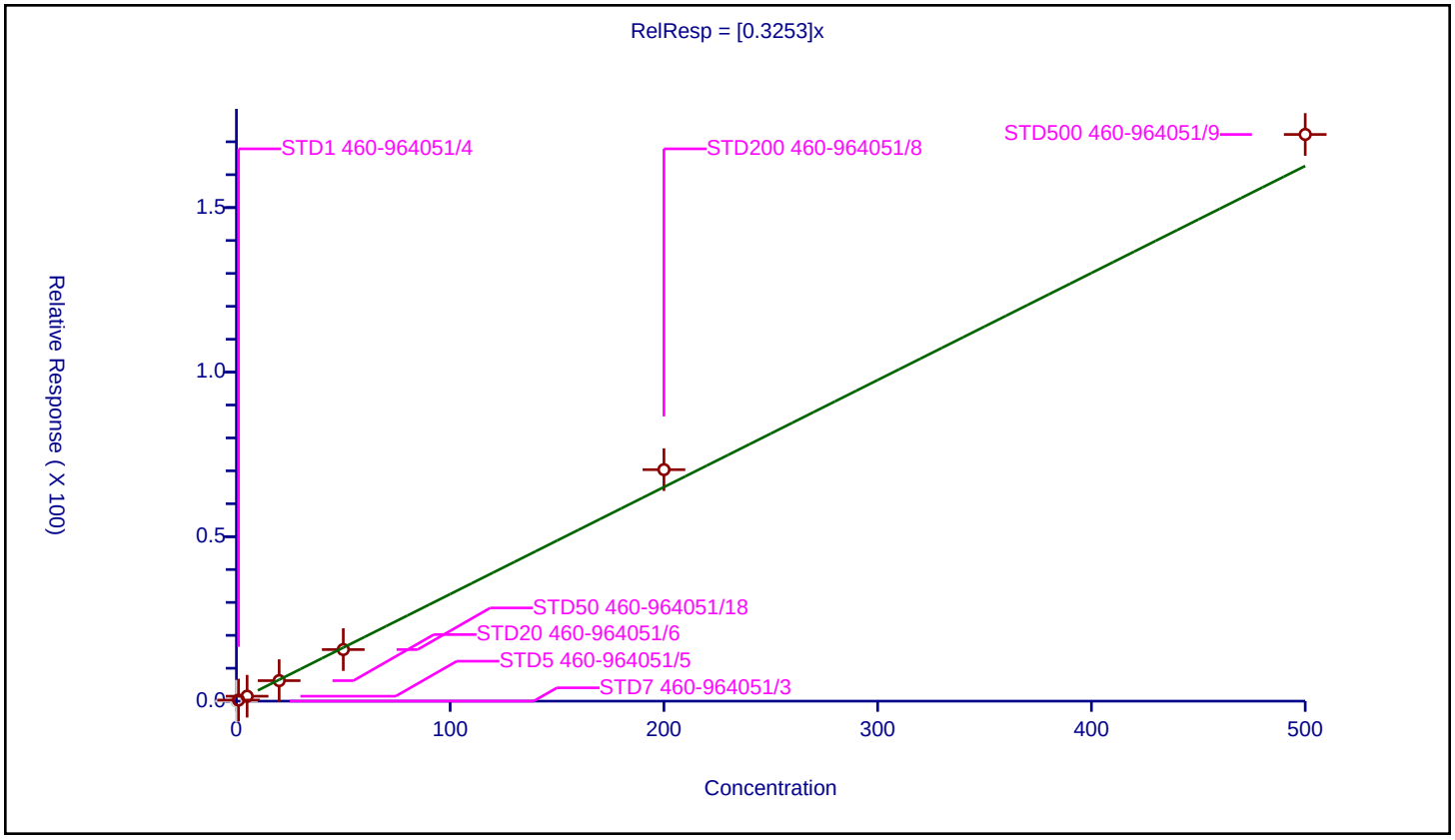
Curve Coefficients

Intercept:	0
Slope:	0.3253

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.329922	50.0	500725.0	0.329922	Y
3	STD5 460-964051/5	5.0	1.50295	50.0	508999.0	0.30059	Y
4	STD20 460-964051/6	20.0	6.230657	50.0	518589.0	0.311533	Y
5	STD50 460-964051/18	50.0	15.67655	50.0	492181.0	0.313531	Y
6	STD200 460-964051/8	200.0	70.357931	50.0	535467.0	0.35179	Y
7	STD500 460-964051/9	500.0	172.231037	50.0	535101.0	0.344462	Y



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Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

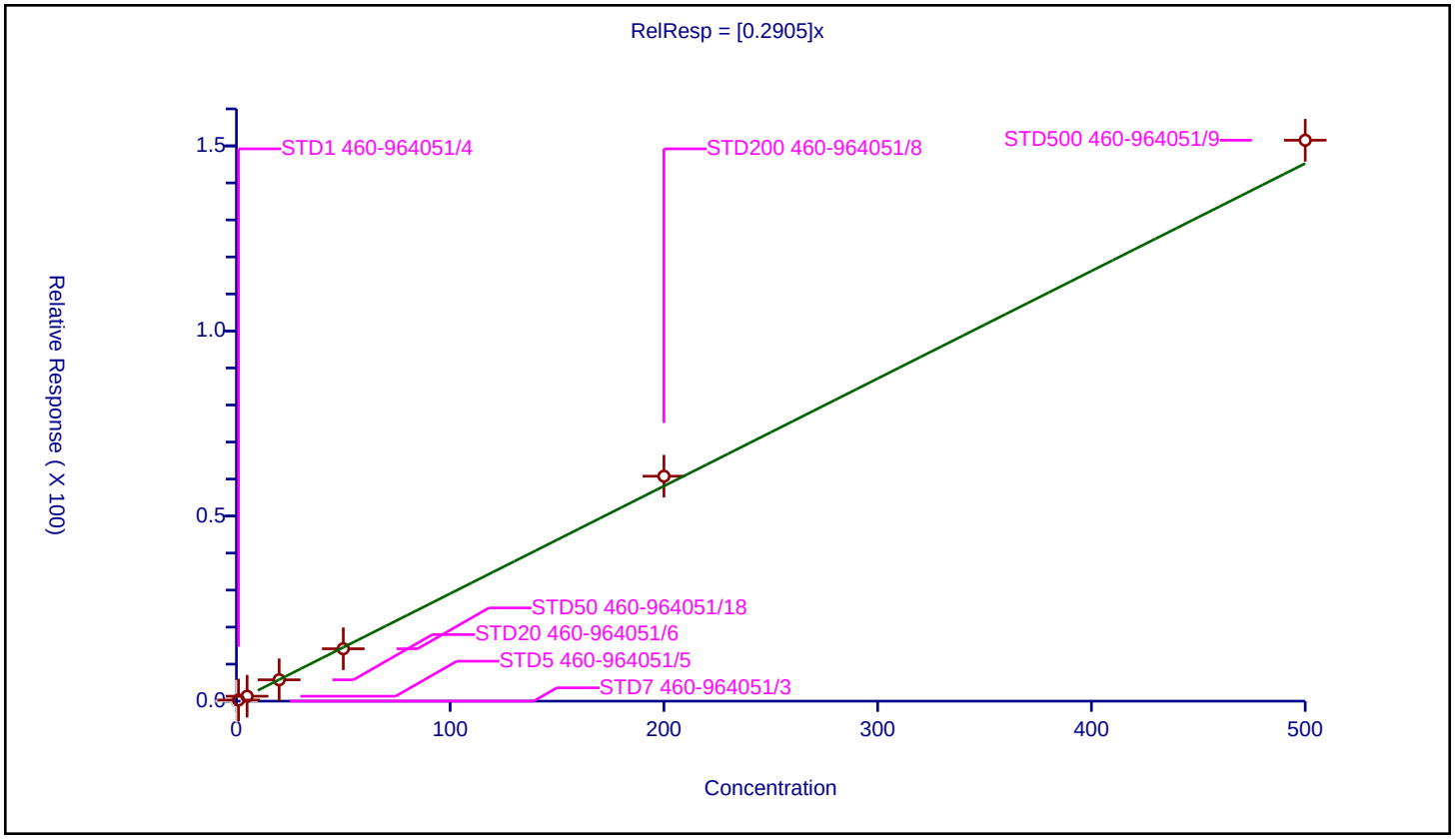
Curve Coefficients

Intercept:	0
Slope:	0.2905

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.298068	50.0	500725.0	0.298068	Y
3	STD5 460-964051/5	5.0	1.333991	50.0	508999.0	0.266798	Y
4	STD20 460-964051/6	20.0	5.765645	50.0	518589.0	0.288282	Y
5	STD50 460-964051/18	50.0	14.152517	50.0	492181.0	0.28305	Y
6	STD200 460-964051/8	200.0	60.767797	50.0	535467.0	0.303839	Y
7	STD500 460-964051/9	500.0	151.533449	50.0	535101.0	0.303067	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

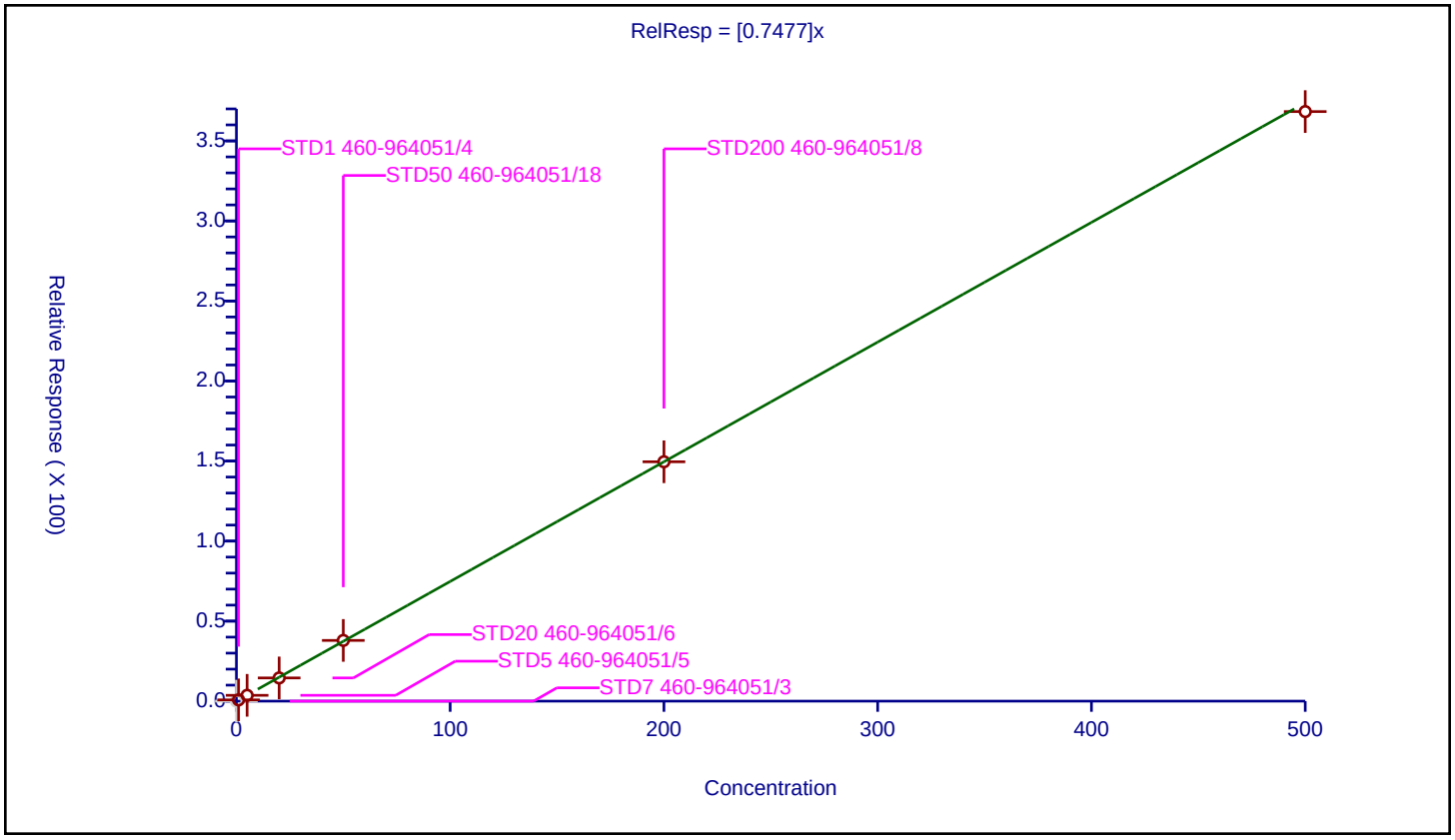
Curve Coefficients

Intercept:	0
Slope:	0.7477

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.790454	50.0	500725.0	0.790454	Y
3	STD5 460-964051/5	5.0	3.639398	50.0	508999.0	0.72788	Y
4	STD20 460-964051/6	20.0	14.49568	50.0	518589.0	0.724784	Y
5	STD50 460-964051/18	50.0	37.937263	50.0	492181.0	0.758745	Y
6	STD200 460-964051/8	200.0	149.550859	50.0	535467.0	0.747754	Y
7	STD500 460-964051/9	500.0	368.3143	50.0	535101.0	0.736629	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

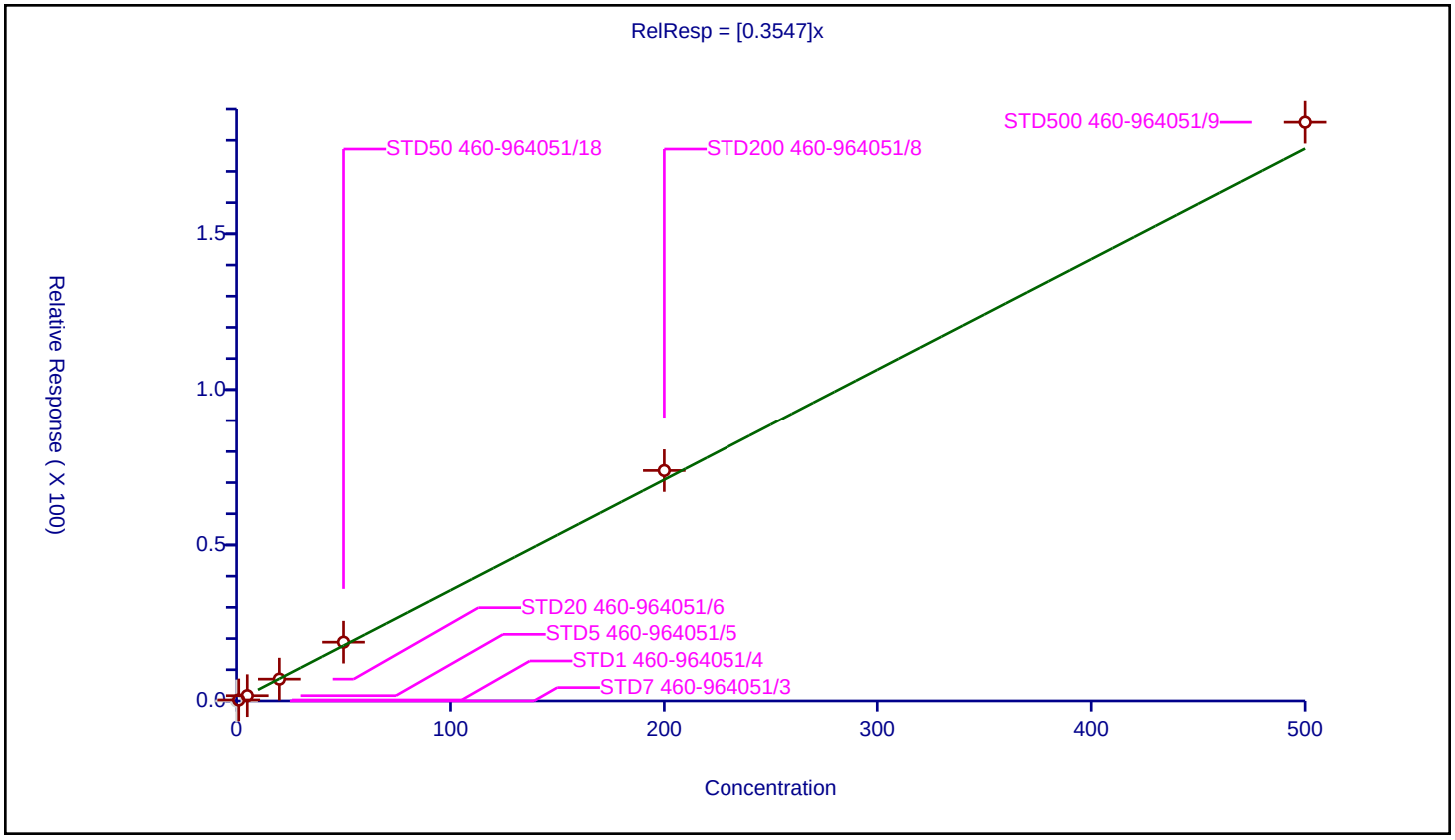
Curve Coefficients

Intercept:	0
Slope:	0.3547

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.32383	50.0	500725.0	0.32383	Y
3	STD5 460-964051/5	5.0	1.684188	50.0	508999.0	0.336838	Y
4	STD20 460-964051/6	20.0	6.989832	50.0	518589.0	0.349492	Y
5	STD50 460-964051/18	50.0	18.847538	50.0	492181.0	0.376951	Y
6	STD200 460-964051/8	200.0	73.886439	50.0	535467.0	0.369432	Y
7	STD500 460-964051/9	500.0	185.807539	50.0	535101.0	0.371615	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

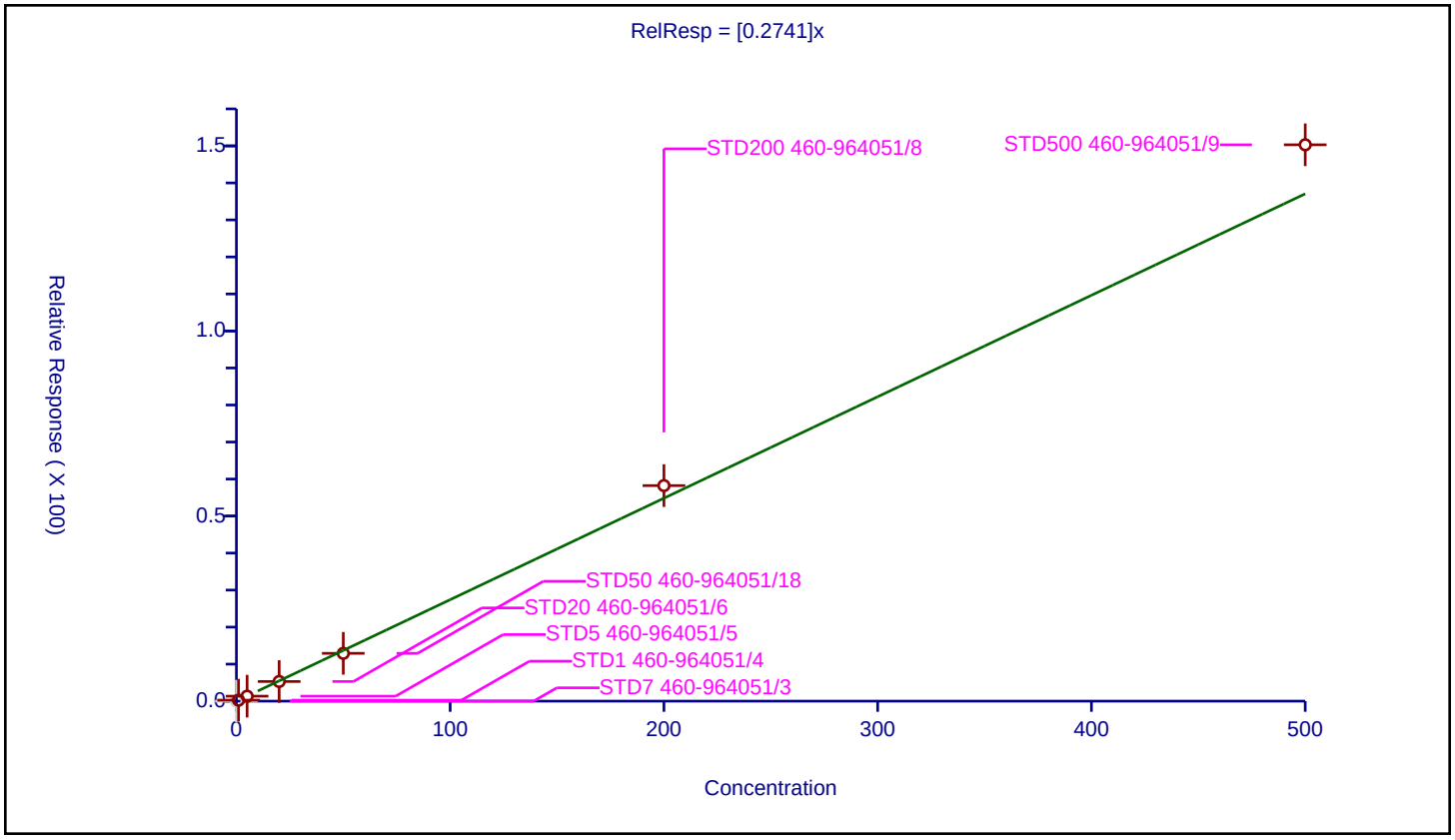
Curve Coefficients

Intercept:	0
Slope:	0.2741

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.260622	50.0	500725.0	0.260622	Y
3	STD5 460-964051/5	5.0	1.343716	50.0	508999.0	0.268743	Y
4	STD20 460-964051/6	20.0	5.307768	50.0	518589.0	0.265388	Y
5	STD50 460-964051/18	50.0	12.911002	50.0	492181.0	0.25822	Y
6	STD200 460-964051/8	200.0	58.22553	50.0	535467.0	0.291128	Y
7	STD500 460-964051/9	500.0	150.29714	50.0	535101.0	0.300594	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

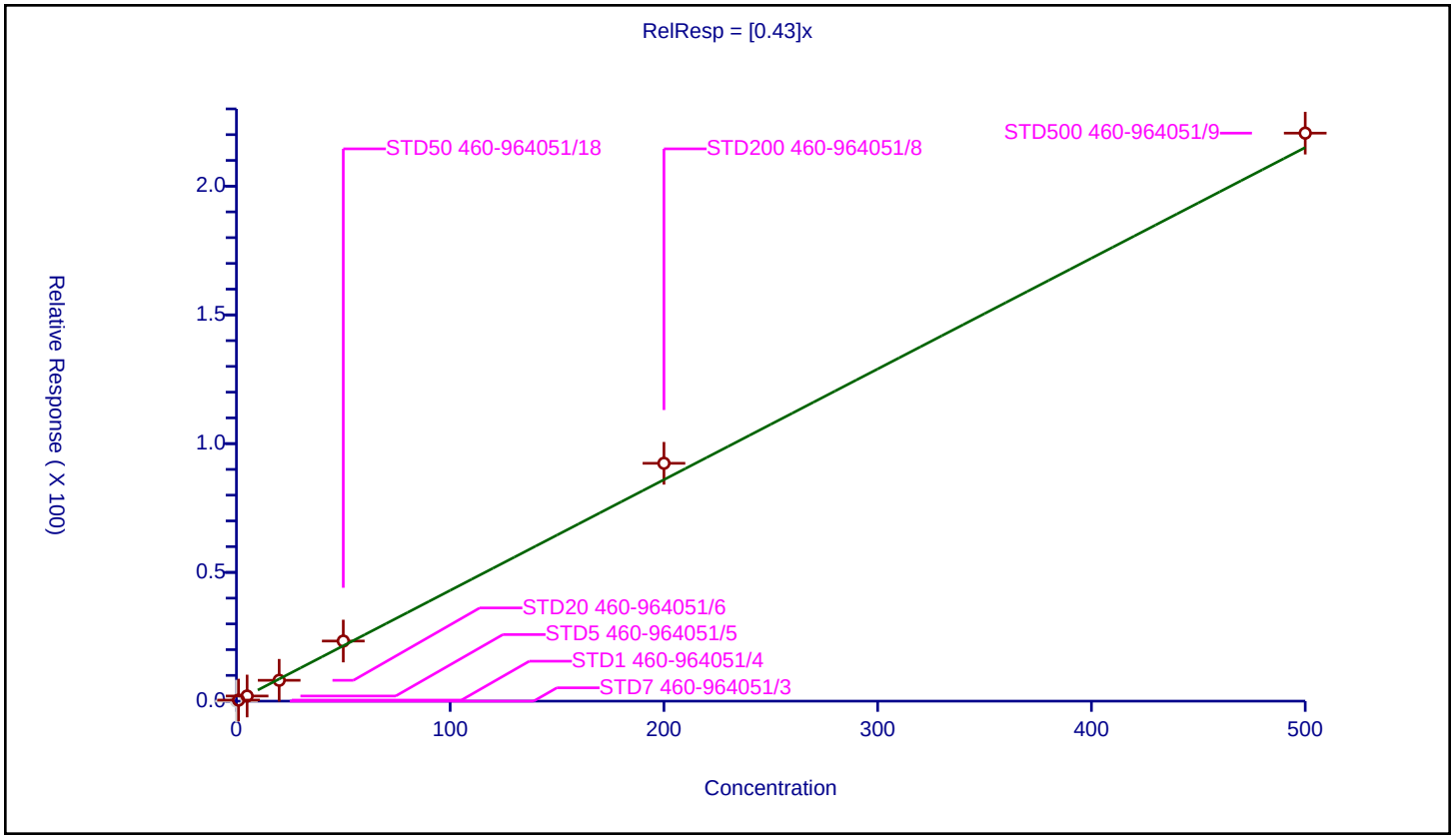
Curve Coefficients

Intercept:	0
Slope:	0.43

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.408308	50.0	500725.0	0.408308	Y
3	STD5 460-964051/5	5.0	1.986743	50.0	508999.0	0.397349	Y
4	STD20 460-964051/6	20.0	8.088679	50.0	518589.0	0.404434	Y
5	STD50 460-964051/18	50.0	23.34375	50.0	492181.0	0.466875	Y
6	STD200 460-964051/8	200.0	92.37432	50.0	535467.0	0.461872	Y
7	STD500 460-964051/9	500.0	220.58546	50.0	535101.0	0.441171	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

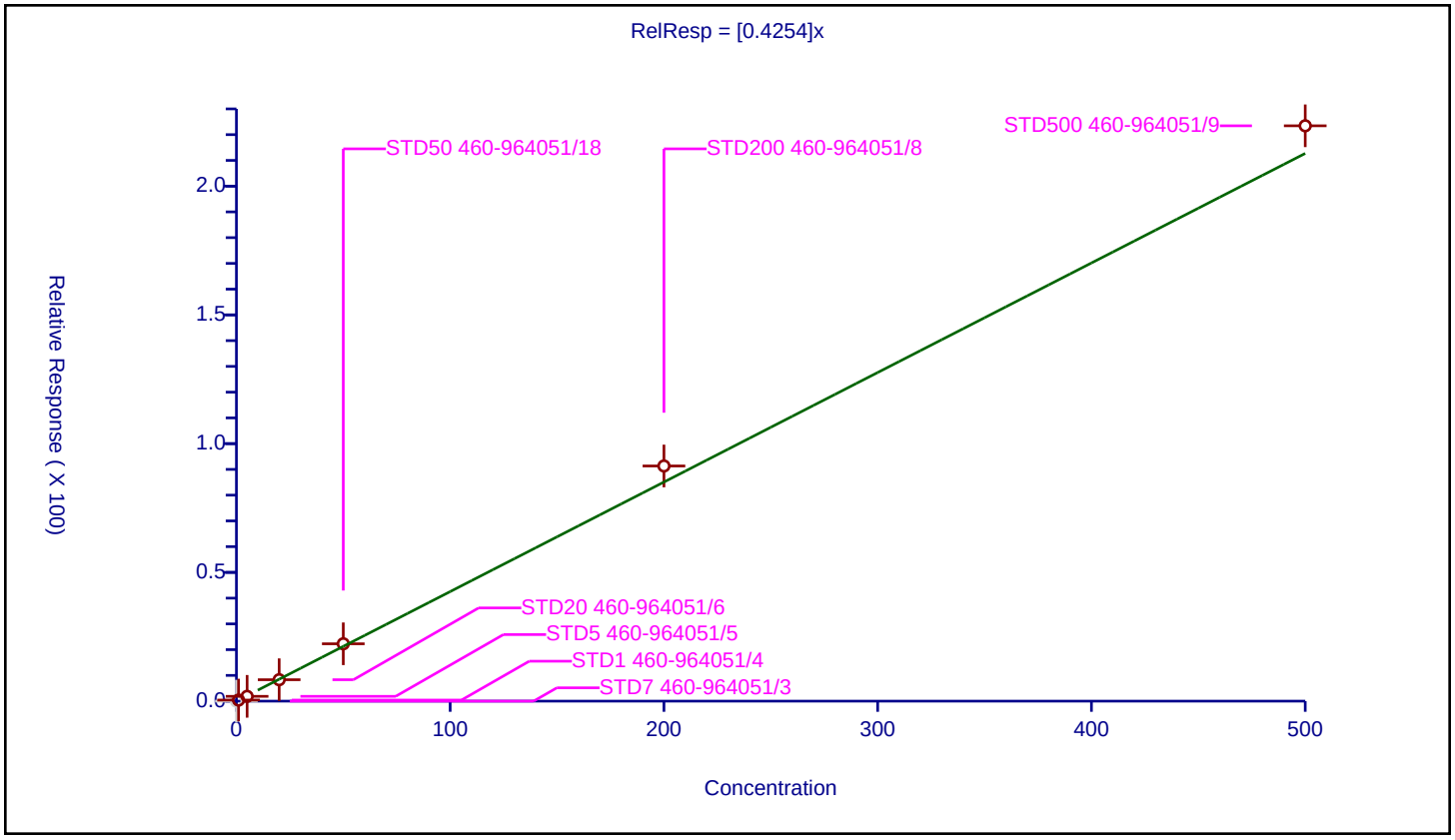
Curve Coefficients

Intercept:	0
Slope:	0.4254

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.414	50.0	500725.0	0.414	Y
3	STD5 460-964051/5	5.0	1.865426	50.0	508999.0	0.373085	Y
4	STD20 460-964051/6	20.0	8.32615	50.0	518589.0	0.416308	Y
5	STD50 460-964051/18	50.0	22.276459	50.0	492181.0	0.445529	Y
6	STD200 460-964051/8	200.0	91.329718	50.0	535467.0	0.456649	Y
7	STD500 460-964051/9	500.0	223.433707	50.0	535101.0	0.446867	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

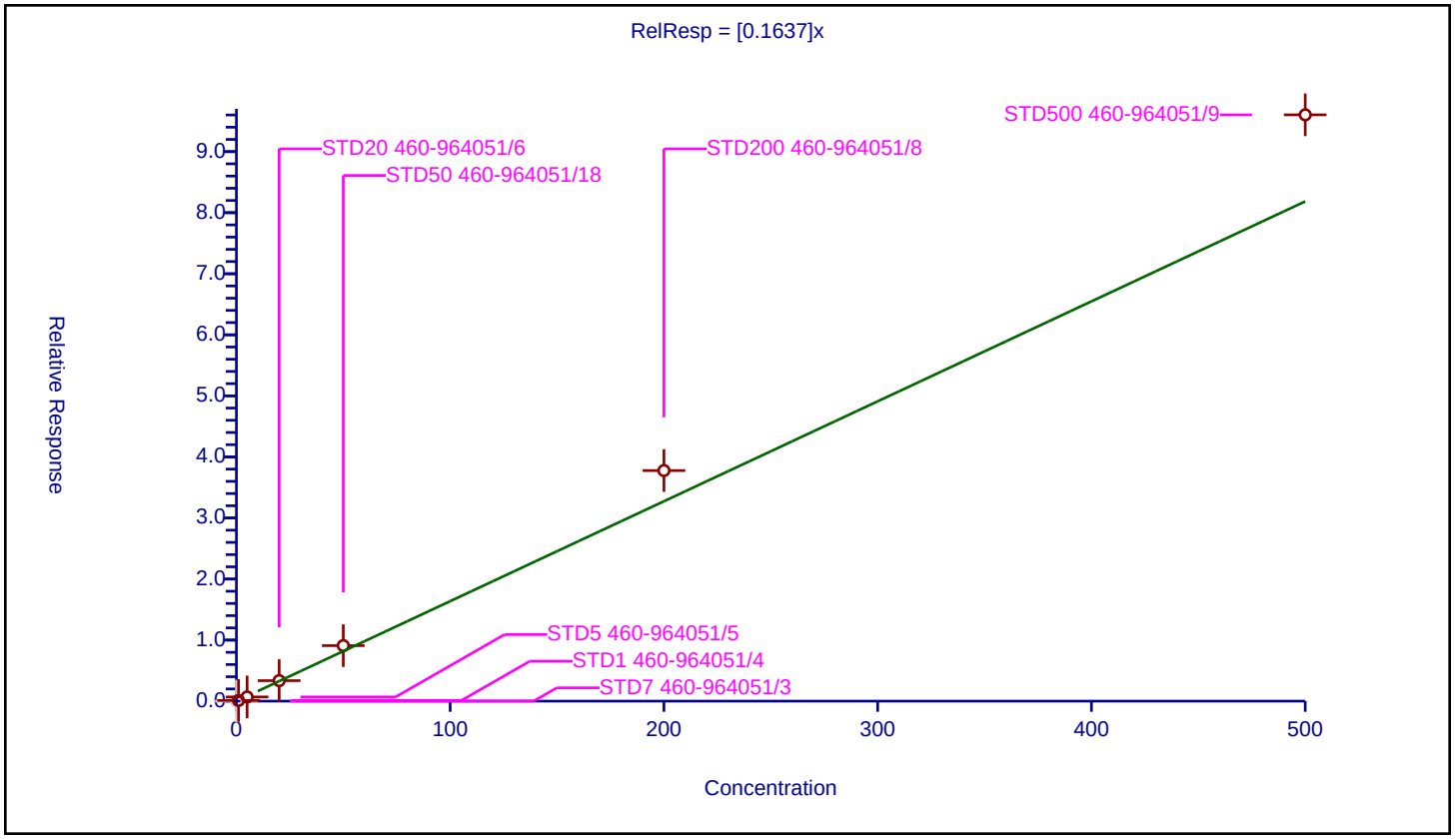
Curve Coefficients

Intercept:	0
Slope:	0.1637

Error Coefficients

Relative Standard Deviation:	19.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.114334	50.0	500725.0	0.114334	Y
3	STD5 460-964051/5	5.0	0.686052	50.0	508999.0	0.13721	Y
4	STD20 460-964051/6	20.0	3.356126	50.0	518589.0	0.167806	Y
5	STD50 460-964051/18	50.0	9.094012	50.0	492181.0	0.18188	Y
6	STD200 460-964051/8	200.0	37.765352	50.0	535467.0	0.188827	Y
7	STD500 460-964051/9	500.0	96.026638	50.0	535101.0	0.192053	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

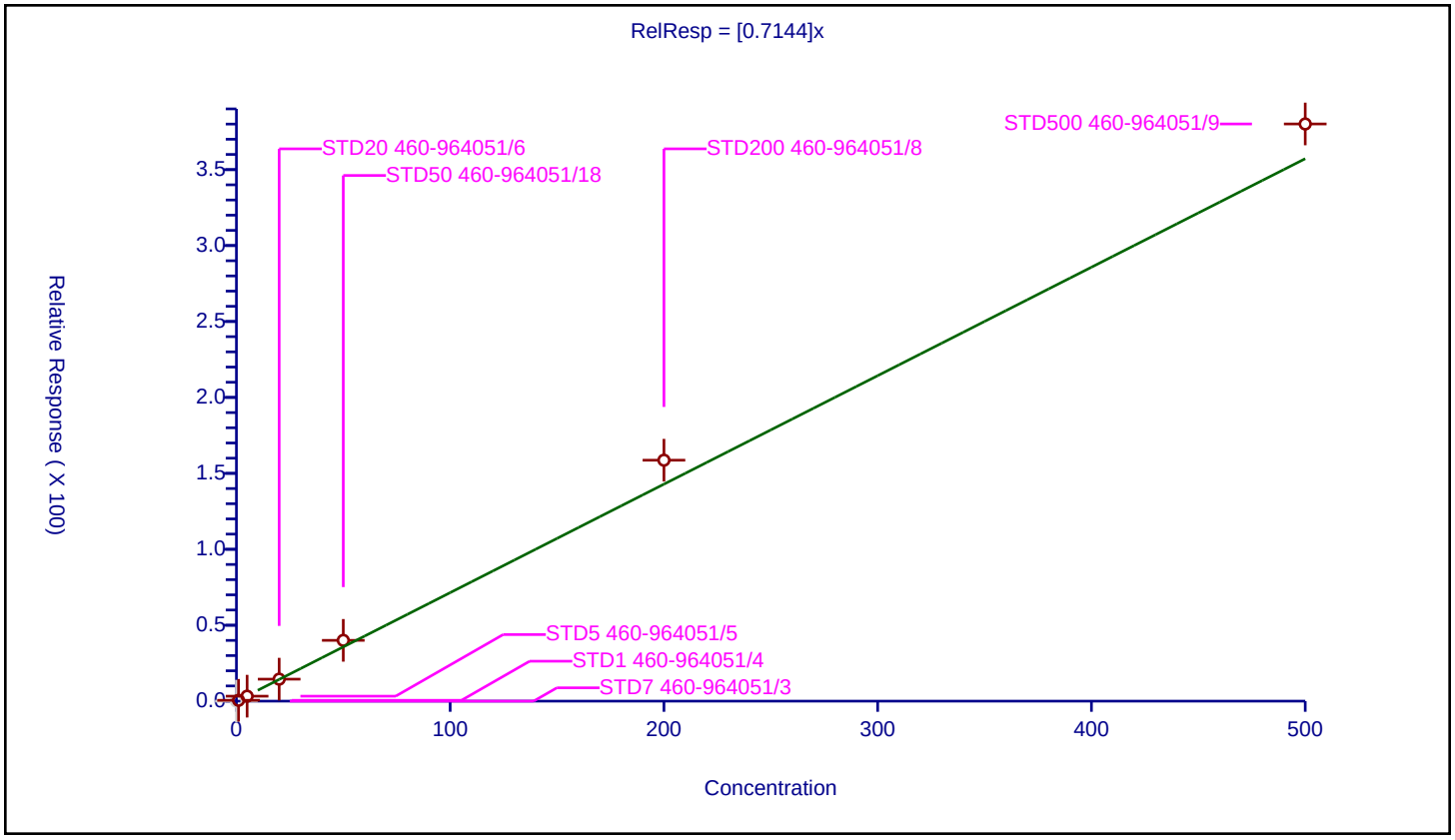
Curve Coefficients

Intercept:	0
Slope:	0.7144

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.556293	50.0	500725.0	0.556293	Y
3	STD5 460-964051/5	5.0	3.262285	50.0	508999.0	0.652457	Y
4	STD20 460-964051/6	20.0	14.473504	50.0	518589.0	0.723675	Y
5	STD50 460-964051/18	50.0	40.026129	50.0	492181.0	0.800523	Y
6	STD200 460-964051/8	200.0	158.655902	50.0	535467.0	0.79328	Y
7	STD500 460-964051/9	500.0	380.065819	50.0	535101.0	0.760132	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

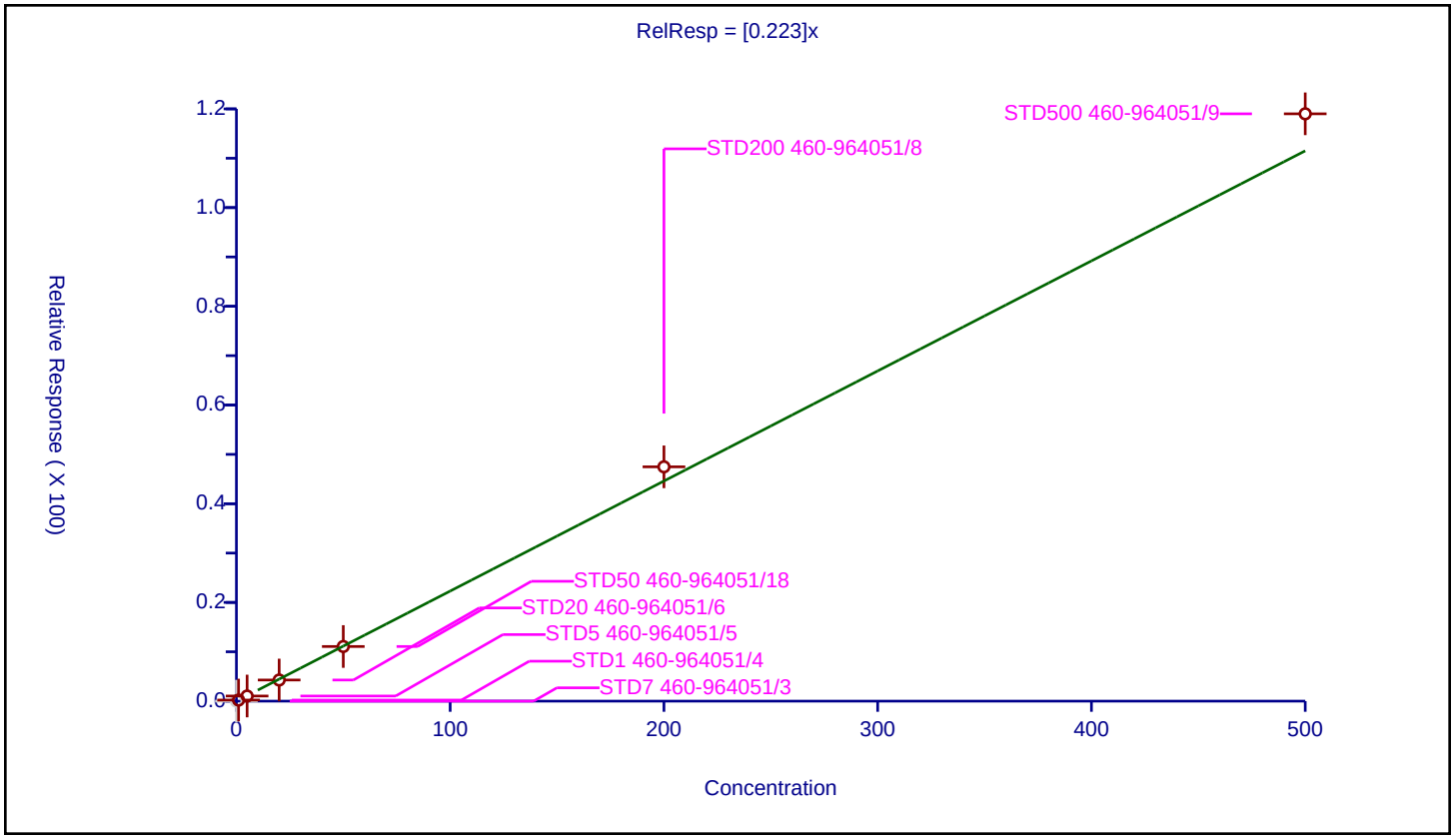
Curve Coefficients

Intercept:	0
Slope:	0.223

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.219482	50.0	500725.0	0.219482	Y
3	STD5 460-964051/5	5.0	1.038509	50.0	508999.0	0.207702	Y
4	STD20 460-964051/6	20.0	4.27969	50.0	518589.0	0.213984	Y
5	STD50 460-964051/18	50.0	11.073061	50.0	492181.0	0.221461	Y
6	STD200 460-964051/8	200.0	47.477902	50.0	535467.0	0.23739	Y
7	STD500 460-964051/9	500.0	119.000992	50.0	535101.0	0.238002	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

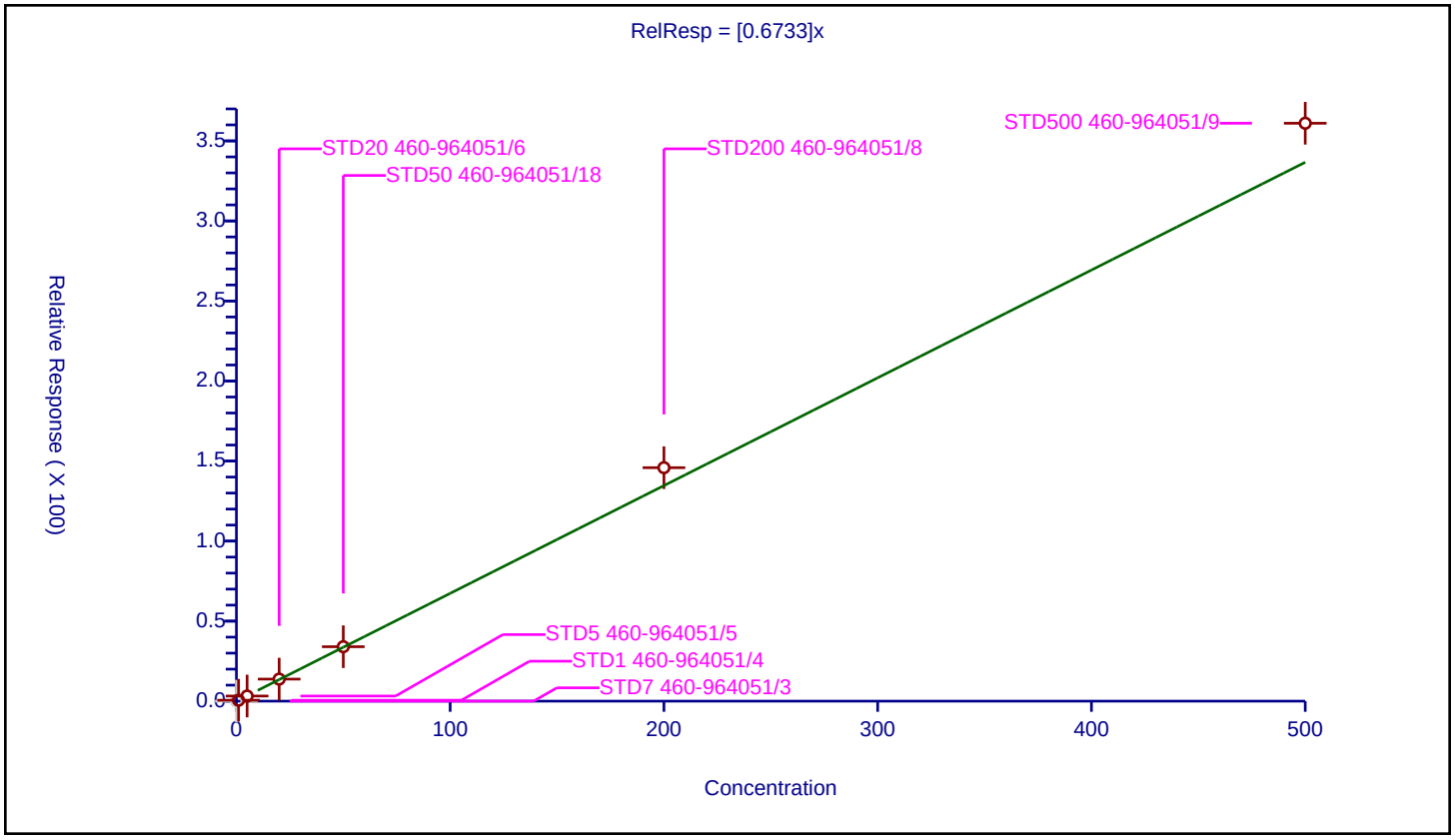
Curve Coefficients

Intercept:	0
Slope:	0.6733

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.579371	50.0	261577.0	0.579371	Y
3	STD5 460-964051/5	5.0	3.202467	50.0	265436.0	0.640493	Y
4	STD20 460-964051/6	20.0	13.773349	50.0	275975.0	0.688667	Y
5	STD50 460-964051/18	50.0	33.996459	50.0	285793.0	0.679929	Y
6	STD200 460-964051/8	200.0	145.844176	50.0	295525.0	0.729221	Y
7	STD500 460-964051/9	500.0	361.03608	50.0	302245.0	0.722072	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

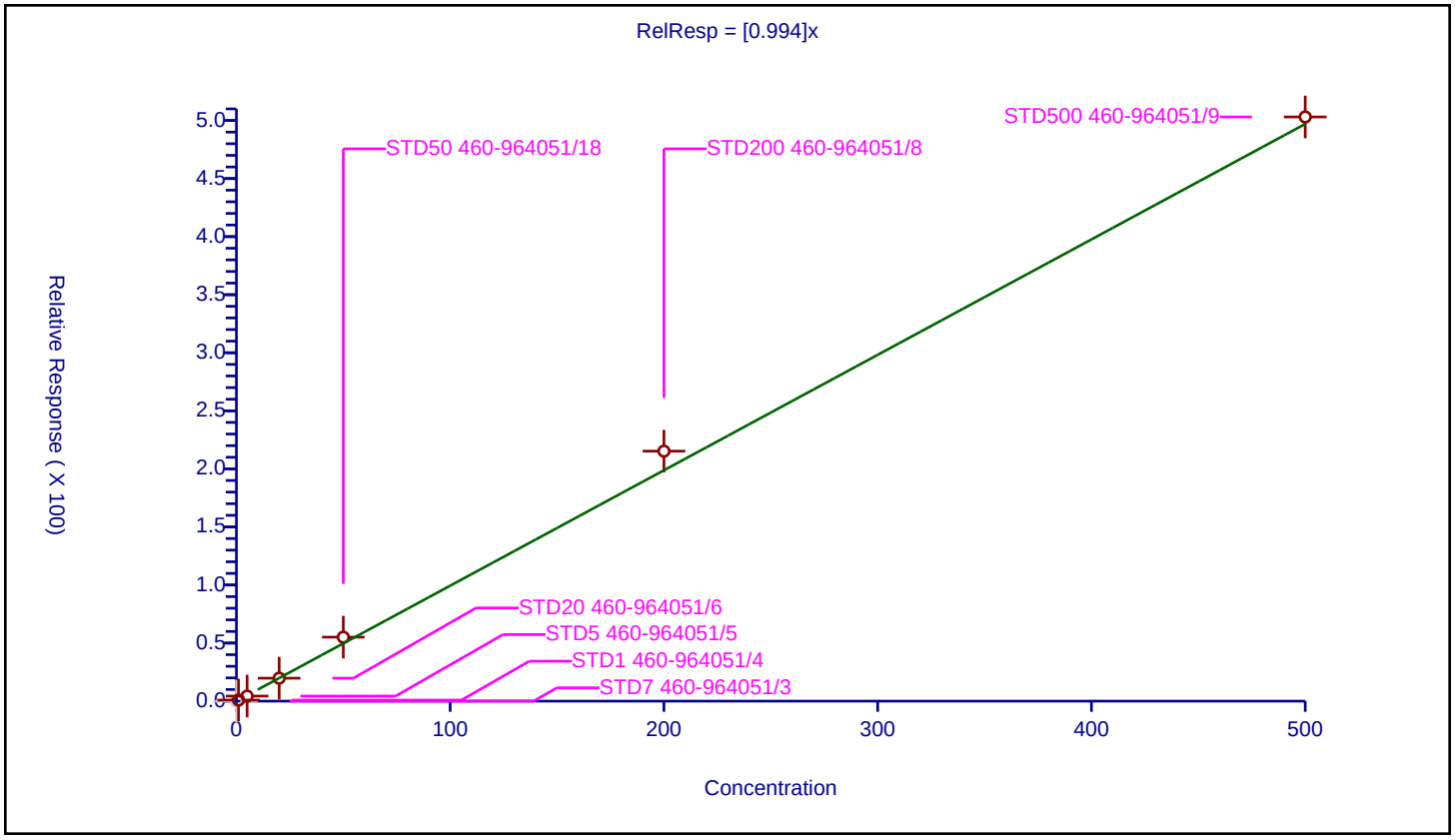
Curve Coefficients

Intercept:	0
Slope:	0.994

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	497856.0	NaN	N
2	STD1 460-964051/4	1.0	0.915772	50.0	500725.0	0.915772	Y
3	STD5 460-964051/5	5.0	4.379478	50.0	508999.0	0.875896	Y
4	STD20 460-964051/6	20.0	19.758614	50.0	518589.0	0.987931	Y
5	STD50 460-964051/18	50.0	55.093045	50.0	492181.0	1.101861	Y
6	STD200 460-964051/8	200.0	215.275545	50.0	535467.0	1.076378	Y
7	STD500 460-964051/9	500.0	503.059516	50.0	535101.0	1.006119	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

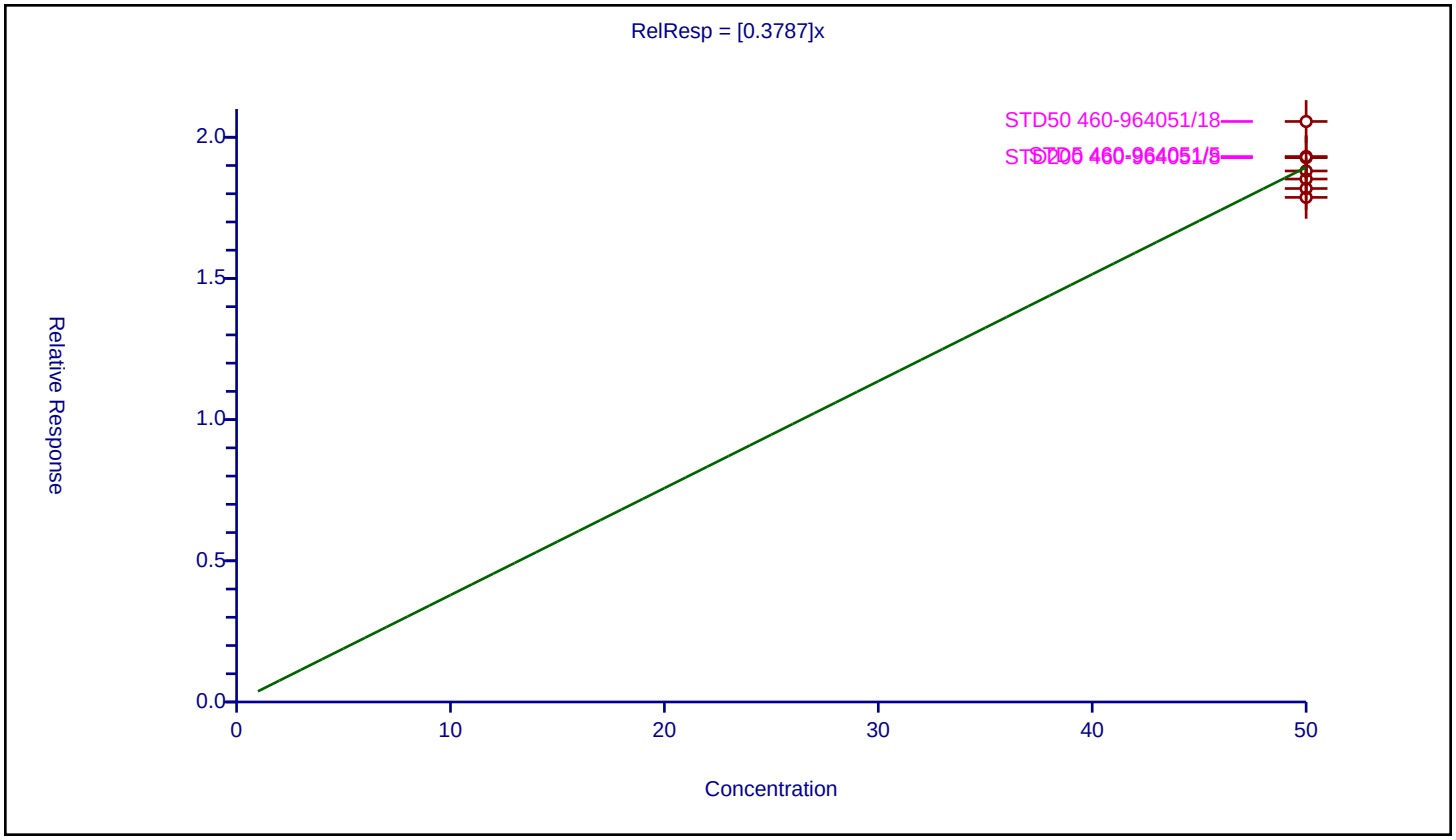
Curve Coefficients

Intercept:	0
Slope:	0.3787

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	50.0	17.870228	50.0	497856.0	0.357405	Y
2	STD1 460-964051/4	50.0	18.184433	50.0	500725.0	0.363689	Y
3	STD5 460-964051/5	50.0	19.317327	50.0	508999.0	0.386347	Y
4	STD20 460-964051/6	50.0	18.806029	50.0	518589.0	0.376121	Y
5	STD200 460-964051/8	50.0	19.276258	50.0	535467.0	0.385525	Y
6	STD500 460-964051/9	50.0	18.520149	50.0	535101.0	0.370403	Y
7	STD50 460-964051/18	50.0	20.559205	50.0	492181.0	0.411184	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

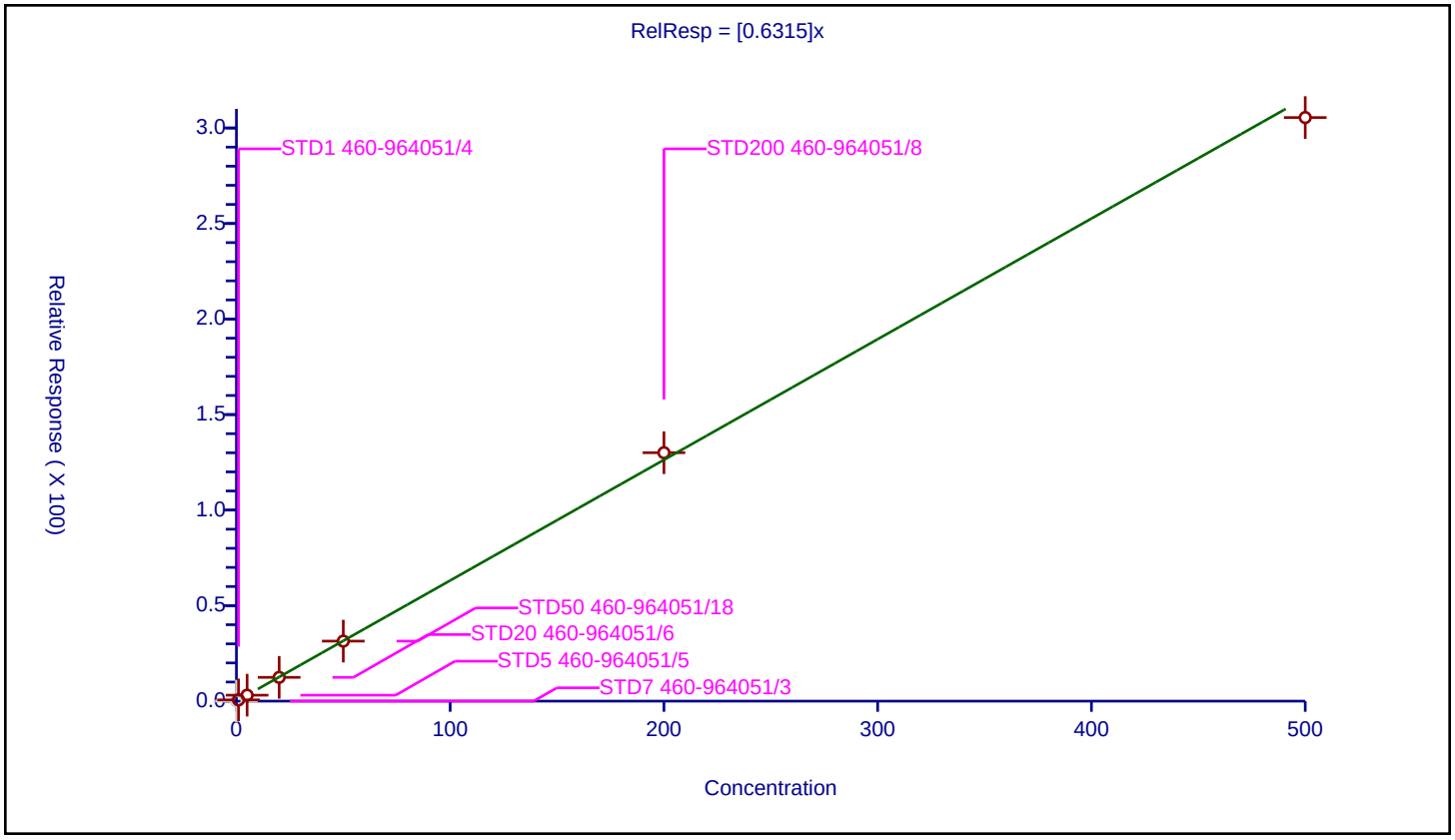
Curve Coefficients

Intercept:	0
Slope:	0.6315

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.654109	50.0	261577.0	0.654109	Y
3	STD5 460-964051/5	5.0	3.117512	50.0	265436.0	0.623502	Y
4	STD20 460-964051/6	20.0	12.442975	50.0	275975.0	0.622149	Y
5	STD50 460-964051/18	50.0	31.409447	50.0	285793.0	0.628189	Y
6	STD200 460-964051/8	200.0	130.055664	50.0	295525.0	0.650278	Y
7	STD500 460-964051/9	500.0	305.46775	50.0	302245.0	0.610935	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

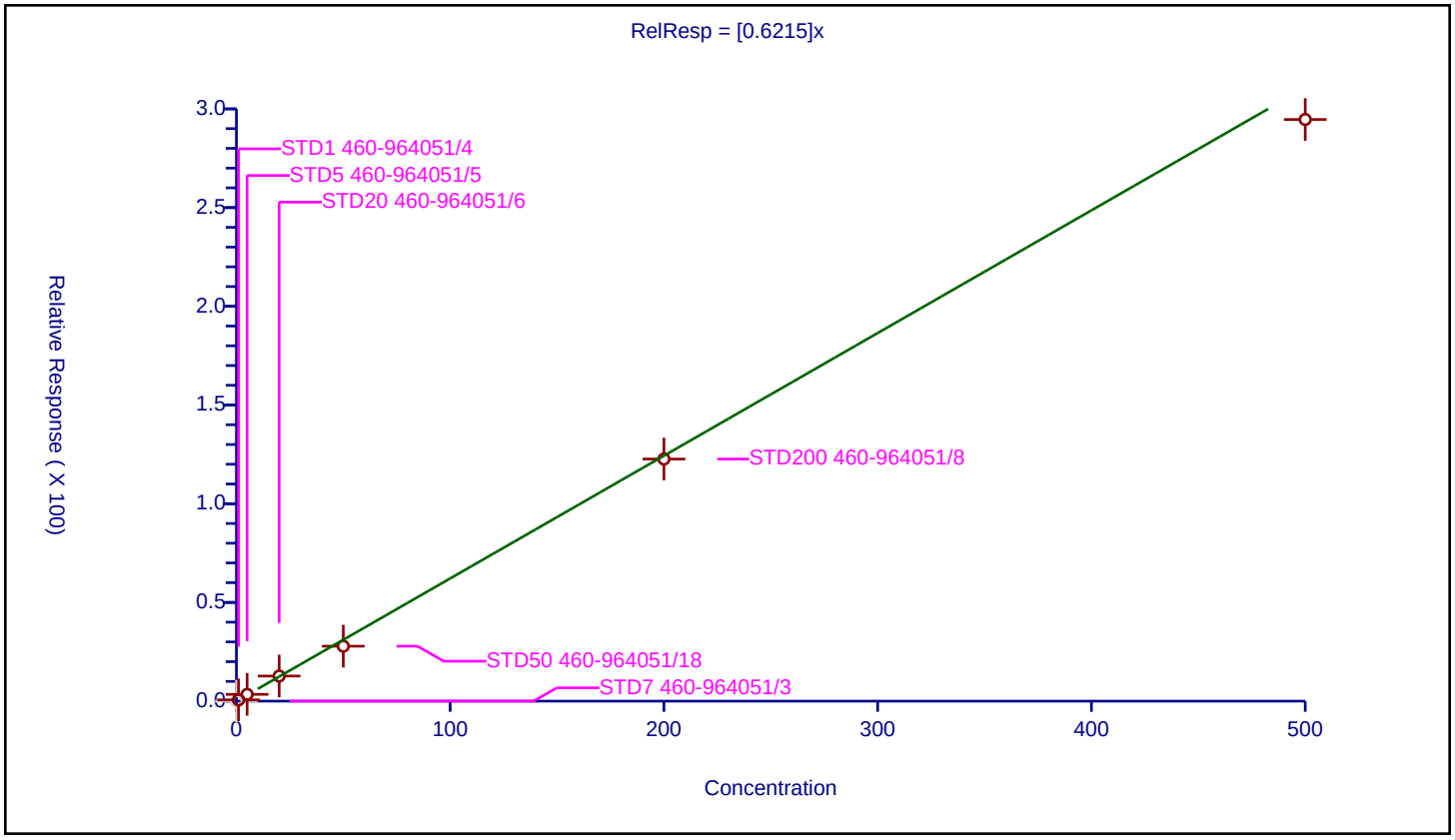
Curve Coefficients

Intercept:	0
Slope:	0.6215

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.647419	50.0	261577.0	0.647419	Y
3	STD5 460-964051/5	5.0	3.434161	50.0	265436.0	0.686832	Y
4	STD20 460-964051/6	20.0	12.71347	50.0	275975.0	0.635674	Y
5	STD50 460-964051/18	50.0	27.84043	50.0	285793.0	0.556809	Y
6	STD200 460-964051/8	200.0	122.625666	50.0	295525.0	0.613128	Y
7	STD500 460-964051/9	500.0	294.635974	50.0	302245.0	0.589272	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

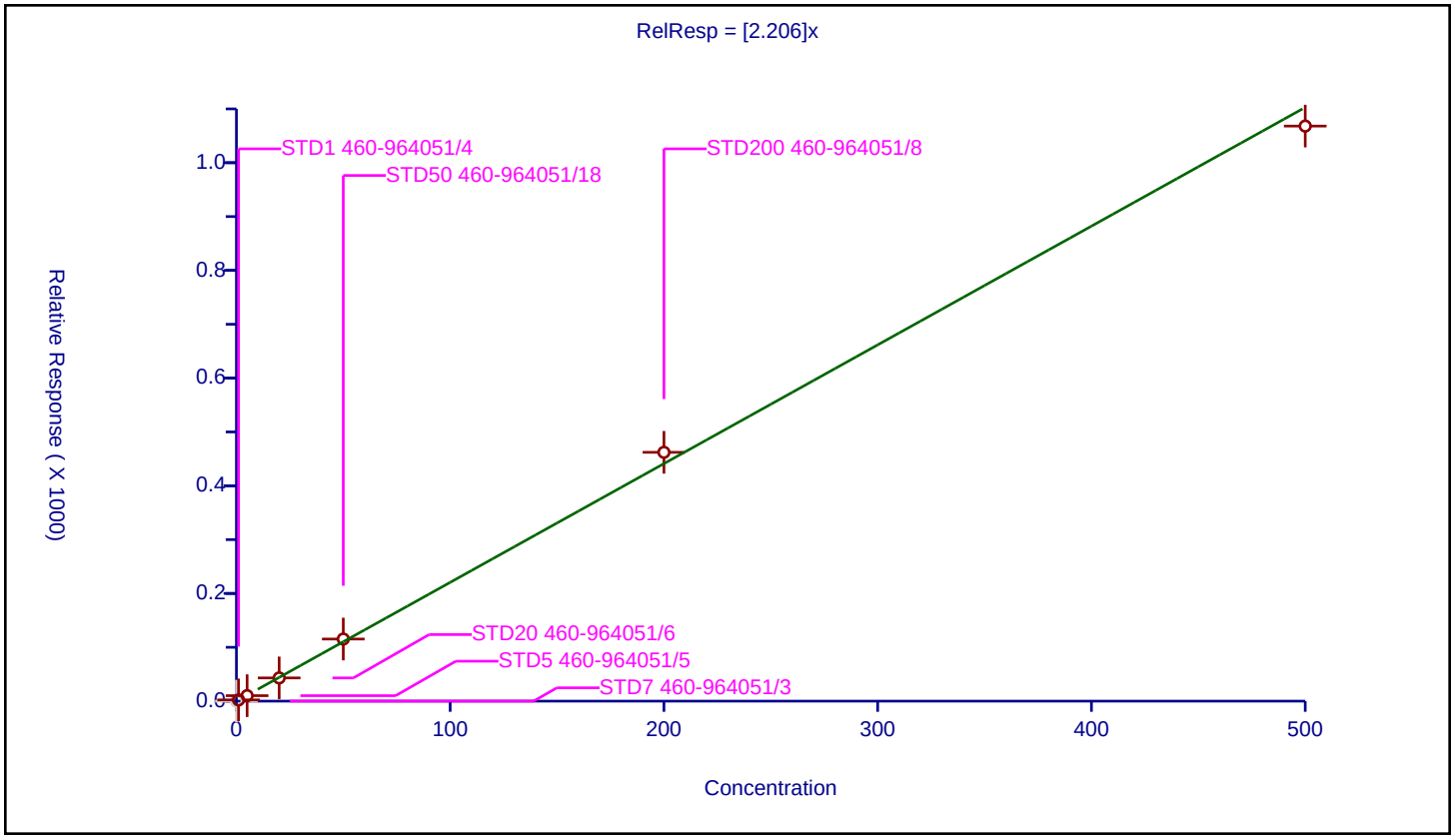
Curve Coefficients

Intercept:	0
Slope:	2.206

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	2.290721	50.0	261577.0	2.290721	Y
3	STD5 460-964051/5	5.0	10.171567	50.0	265436.0	2.034313	Y
4	STD20 460-964051/6	20.0	43.097563	50.0	275975.0	2.154878	Y
5	STD50 460-964051/18	50.0	115.35552	50.0	285793.0	2.30711	Y
6	STD200 460-964051/8	200.0	462.137044	50.0	295525.0	2.310685	Y
7	STD500 460-964051/9	500.0	1068.079042	50.0	302245.0	2.136158	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

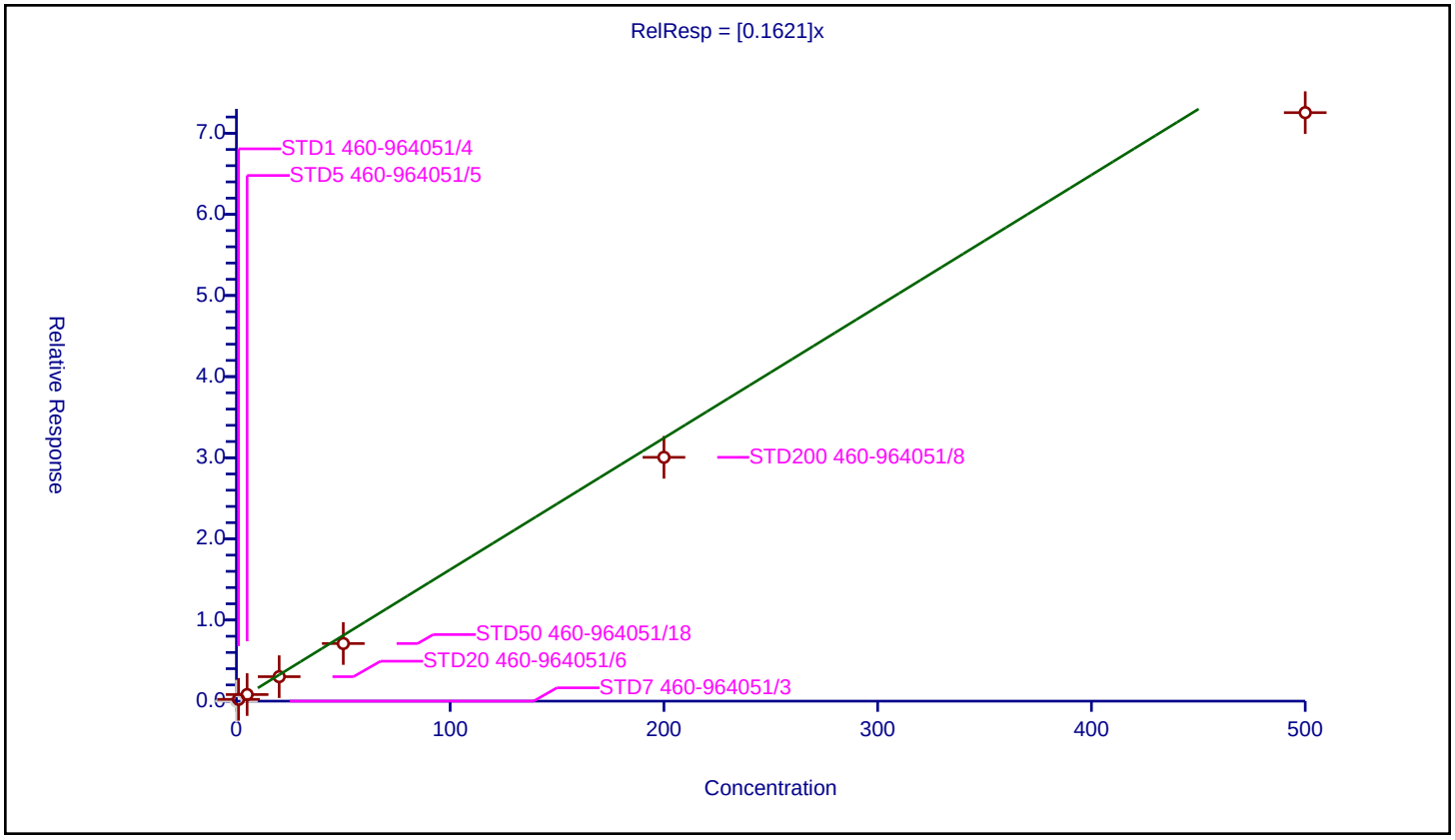
Curve Coefficients

Intercept:	0
Slope:	0.1621

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.222305	50.0	261577.0	0.222305	Y
3	STD5 460-964051/5	5.0	0.812249	50.0	265436.0	0.16245	Y
4	STD20 460-964051/6	20.0	3.014766	50.0	275975.0	0.150738	Y
5	STD50 460-964051/18	50.0	7.102343	50.0	285793.0	0.142047	Y
6	STD200 460-964051/8	200.0	30.053295	50.0	295525.0	0.150266	Y
7	STD500 460-964051/9	500.0	72.537015	50.0	302245.0	0.145074	Y



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Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

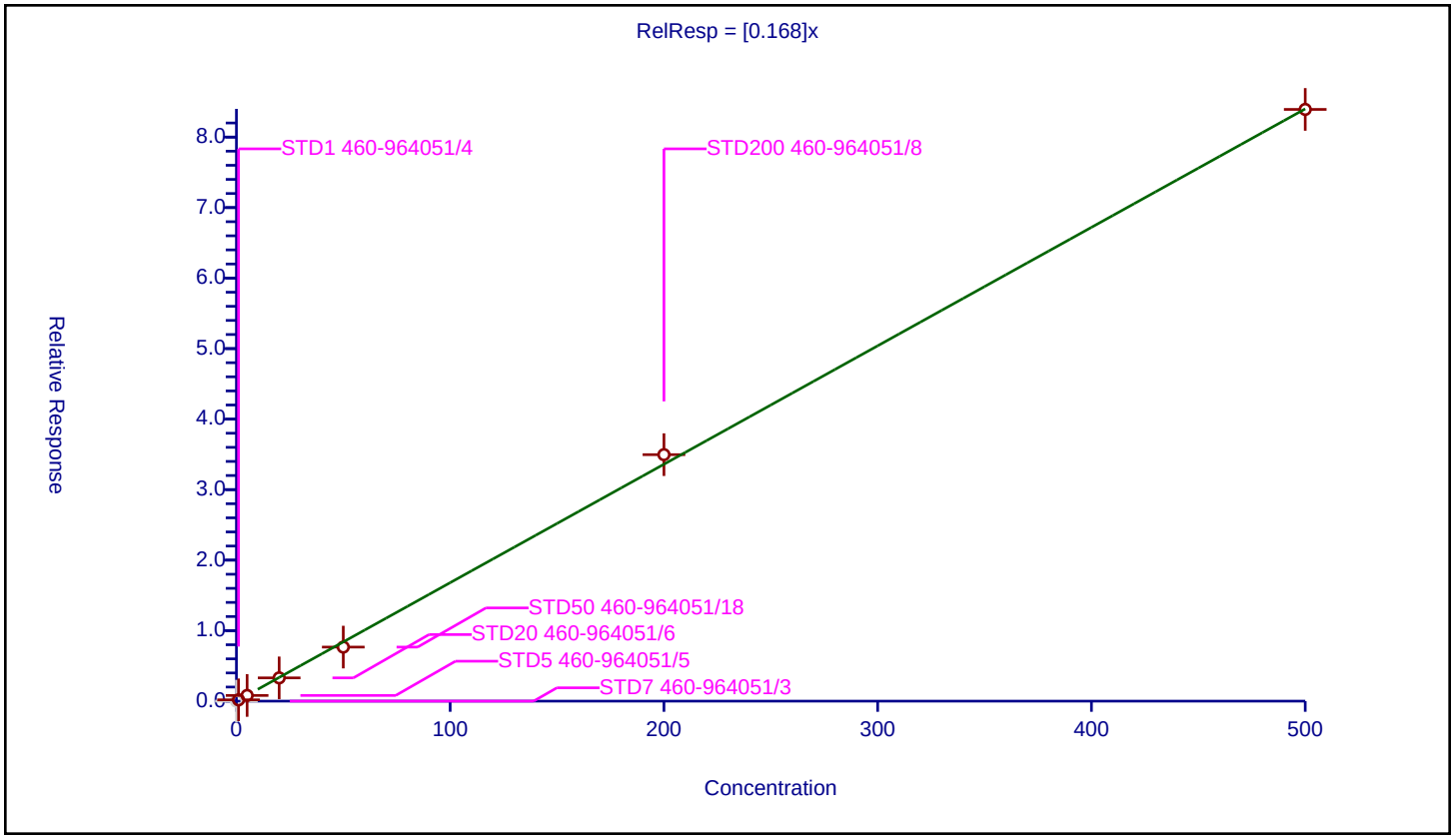
Curve Coefficients

Intercept:	0
Slope:	0.168

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.186178	50.0	261577.0	0.186178	Y
3	STD5 460-964051/5	5.0	0.804714	50.0	265436.0	0.160943	Y
4	STD20 460-964051/6	20.0	3.298487	50.0	275975.0	0.164924	Y
5	STD50 460-964051/18	50.0	7.665863	50.0	285793.0	0.153317	Y
6	STD200 460-964051/8	200.0	34.958633	50.0	295525.0	0.174793	Y
7	STD500 460-964051/9	500.0	83.923307	50.0	302245.0	0.167847	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

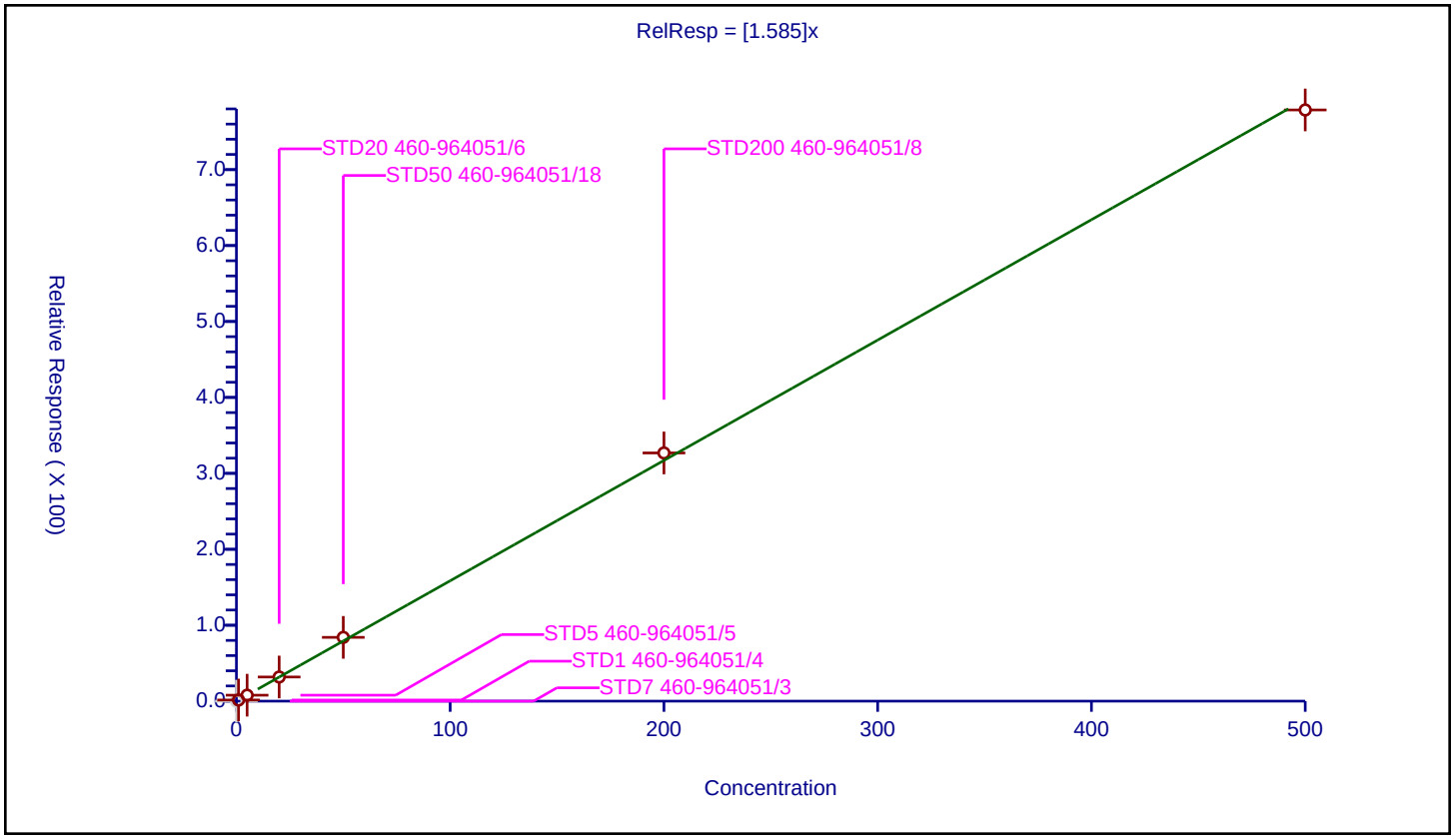
Curve Coefficients

Intercept:	0
Slope:	1.585

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	1.483502	50.0	261577.0	1.483502	Y
3	STD5 460-964051/5	5.0	7.833338	50.0	265436.0	1.566668	Y
4	STD20 460-964051/6	20.0	31.781321	50.0	275975.0	1.589066	Y
5	STD50 460-964051/18	50.0	83.984562	50.0	285793.0	1.679691	Y
6	STD200 460-964051/8	200.0	326.876576	50.0	295525.0	1.634383	Y
7	STD500 460-964051/9	500.0	778.584261	50.0	302245.0	1.557169	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

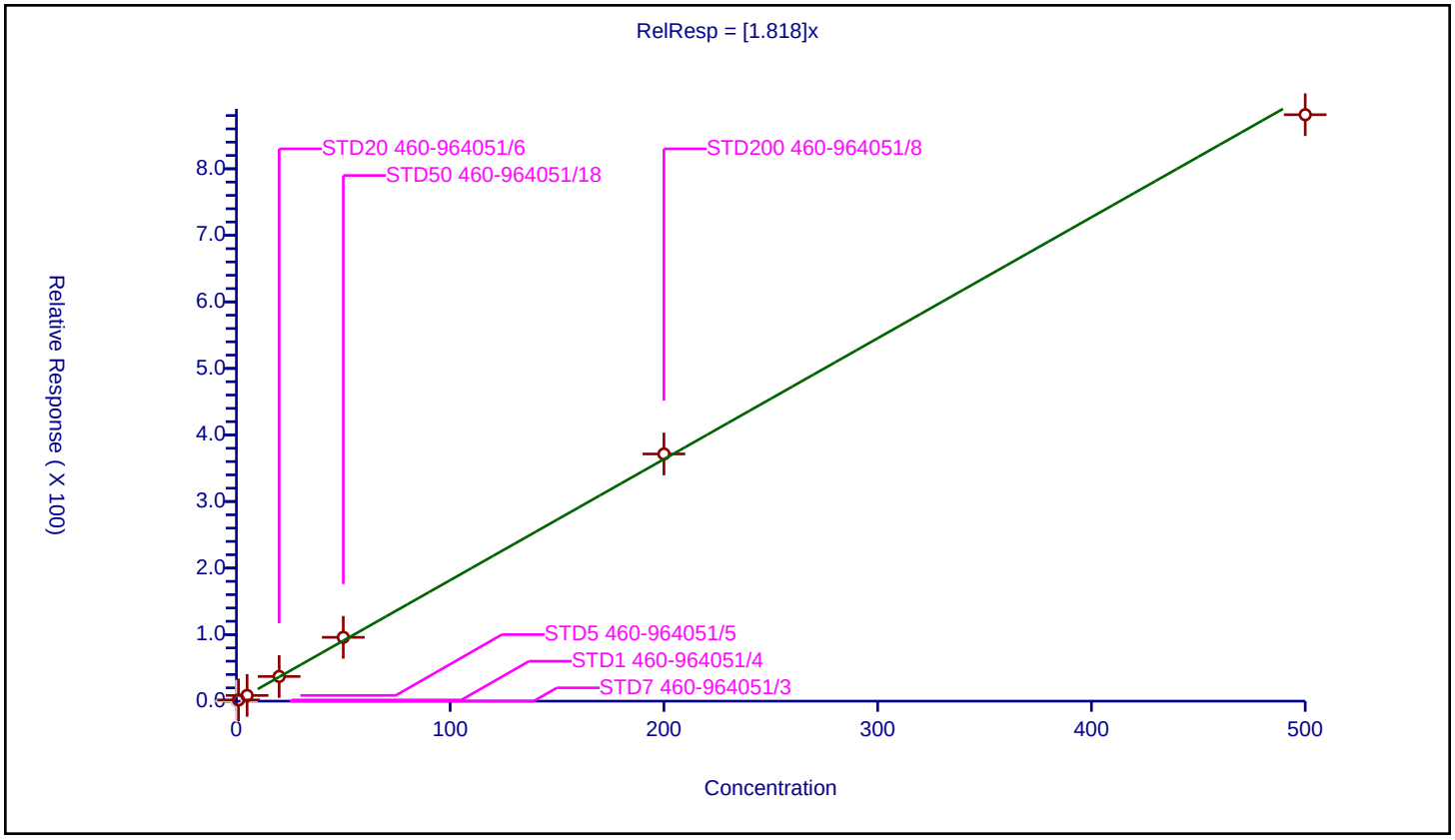
Curve Coefficients

Intercept:	0
Slope:	1.818

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	1.804249	50.0	261577.0	1.804249	Y
3	STD5 460-964051/5	5.0	8.554793	50.0	265436.0	1.710959	Y
4	STD20 460-964051/6	20.0	37.090679	50.0	275975.0	1.854534	Y
5	STD50 460-964051/18	50.0	95.870088	50.0	285793.0	1.917402	Y
6	STD200 460-964051/8	200.0	371.446917	50.0	295525.0	1.857235	Y
7	STD500 460-964051/9	500.0	881.237738	50.0	302245.0	1.762475	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

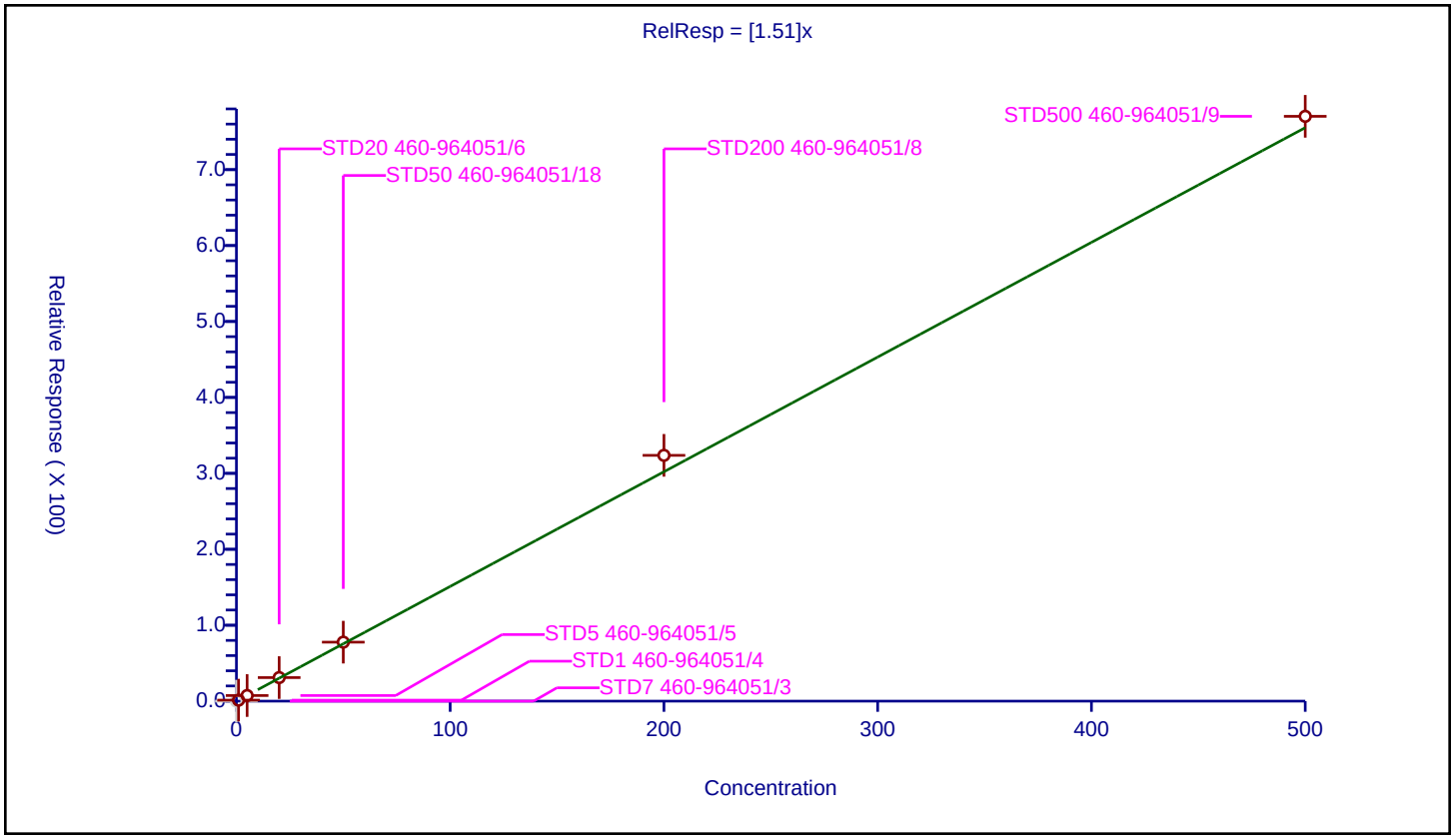
Curve Coefficients

Intercept:	0
Slope:	1.51

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	1.323702	50.0	261577.0	1.323702	Y
3	STD5 460-964051/5	5.0	7.377673	50.0	265436.0	1.475535	Y
4	STD20 460-964051/6	20.0	31.020563	50.0	275975.0	1.551028	Y
5	STD50 460-964051/18	50.0	77.683498	50.0	285793.0	1.55367	Y
6	STD200 460-964051/8	200.0	323.715591	50.0	295525.0	1.618578	Y
7	STD500 460-964051/9	500.0	770.228953	50.0	302245.0	1.540458	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

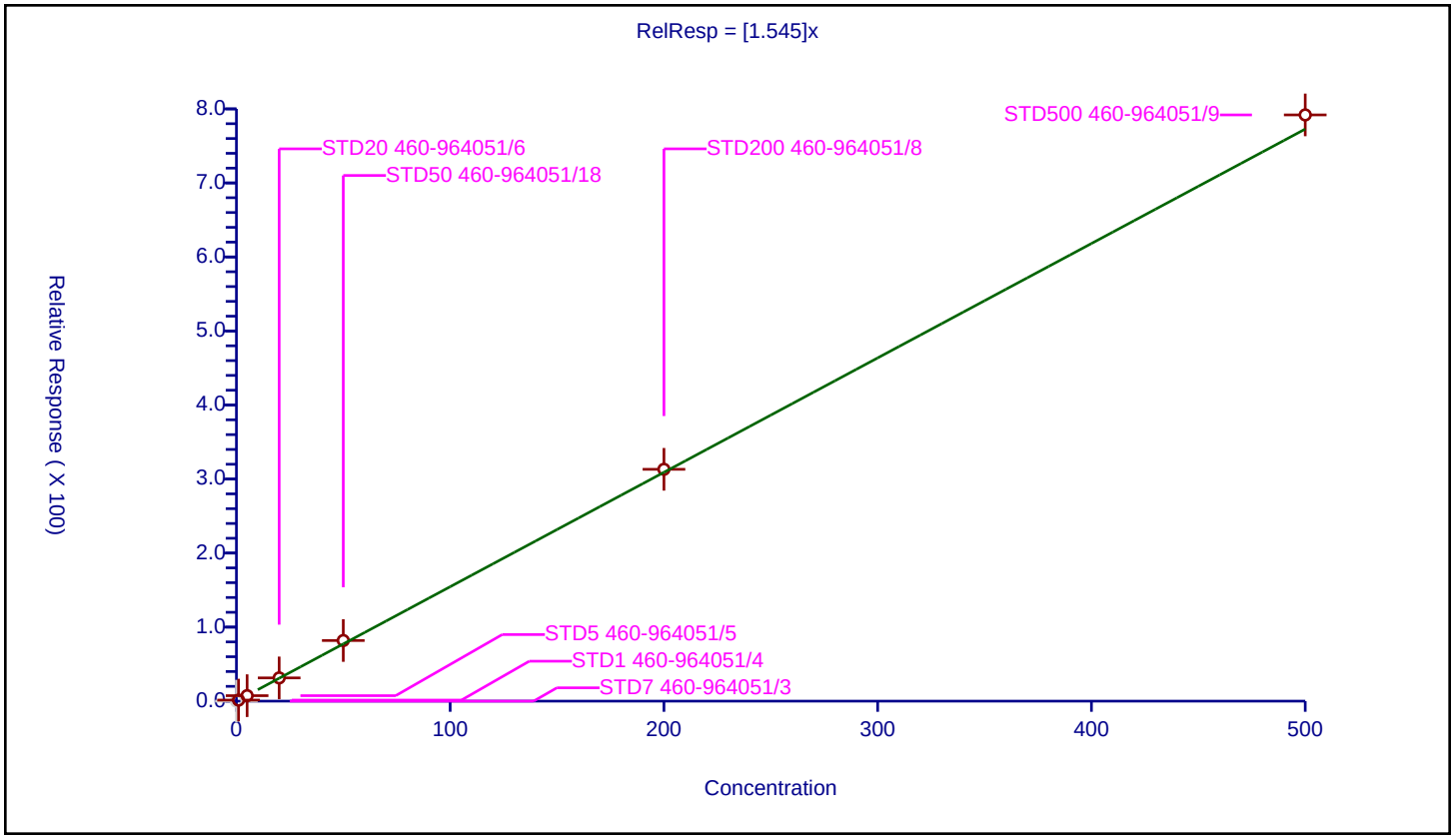
Curve Coefficients

Intercept:	0
Slope:	1.545

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	1.432657	50.0	261577.0	1.432657	Y
3	STD5 460-964051/5	5.0	7.410638	50.0	265436.0	1.482128	Y
4	STD20 460-964051/6	20.0	31.405924	50.0	275975.0	1.570296	Y
5	STD50 460-964051/18	50.0	81.891264	50.0	285793.0	1.637825	Y
6	STD200 460-964051/8	200.0	313.176889	50.0	295525.0	1.565884	Y
7	STD500 460-964051/9	500.0	791.872322	50.0	302245.0	1.583745	Y



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Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

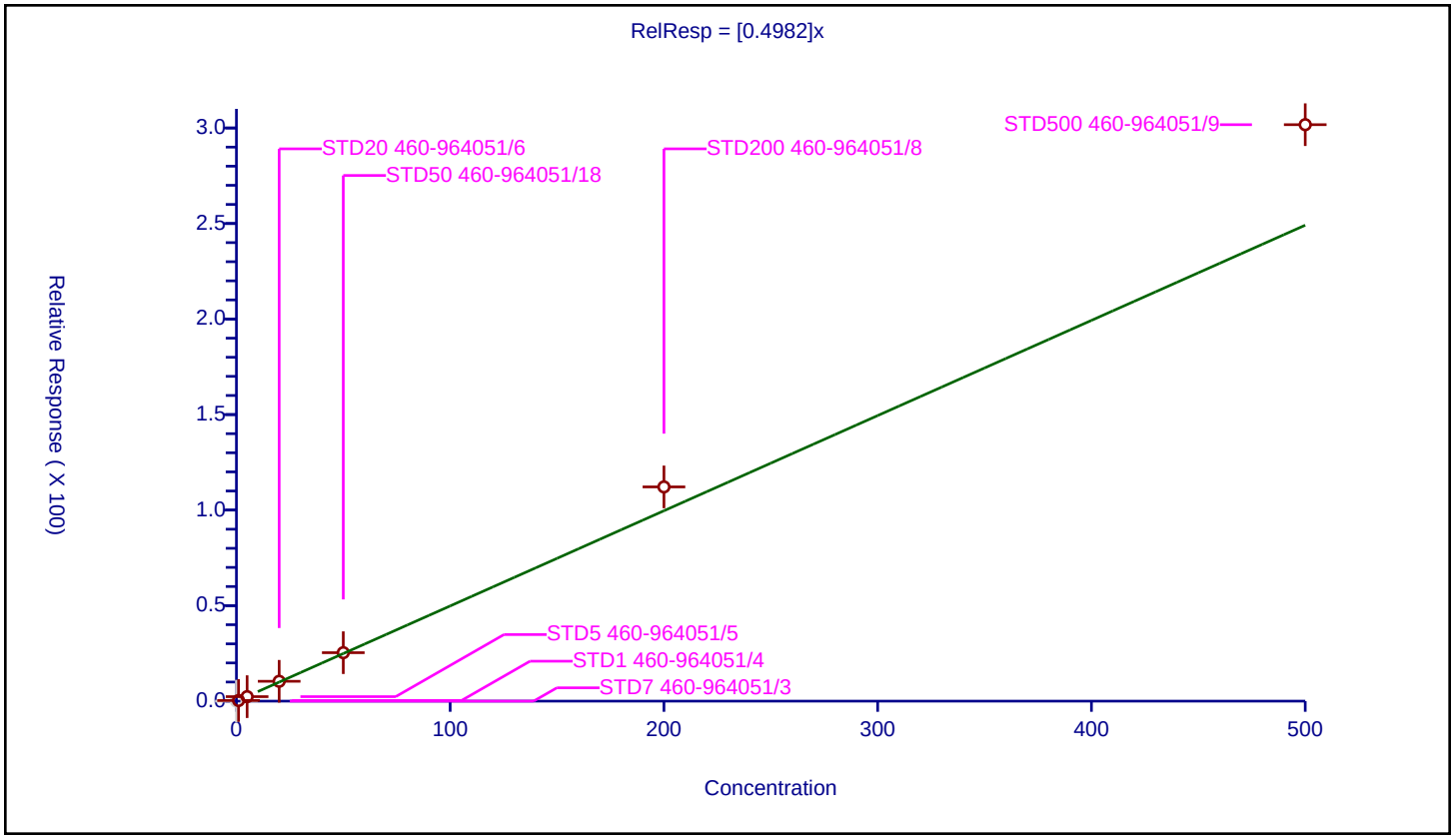
Curve Coefficients

Intercept:	0
Slope:	0.4982

Error Coefficients

Relative Standard Deviation:	19.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.32954	50.0	261577.0	0.32954	Y
3	STD5 460-964051/5	5.0	2.345575	50.0	265436.0	0.469115	Y
4	STD20 460-964051/6	20.0	10.386992	50.0	275975.0	0.51935	Y
5	STD50 460-964051/18	50.0	25.364687	50.0	285793.0	0.507294	Y
6	STD200 460-964051/8	200.0	112.13383	50.0	295525.0	0.560669	Y
7	STD500 460-964051/9	500.0	301.73634	50.0	302245.0	0.603473	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

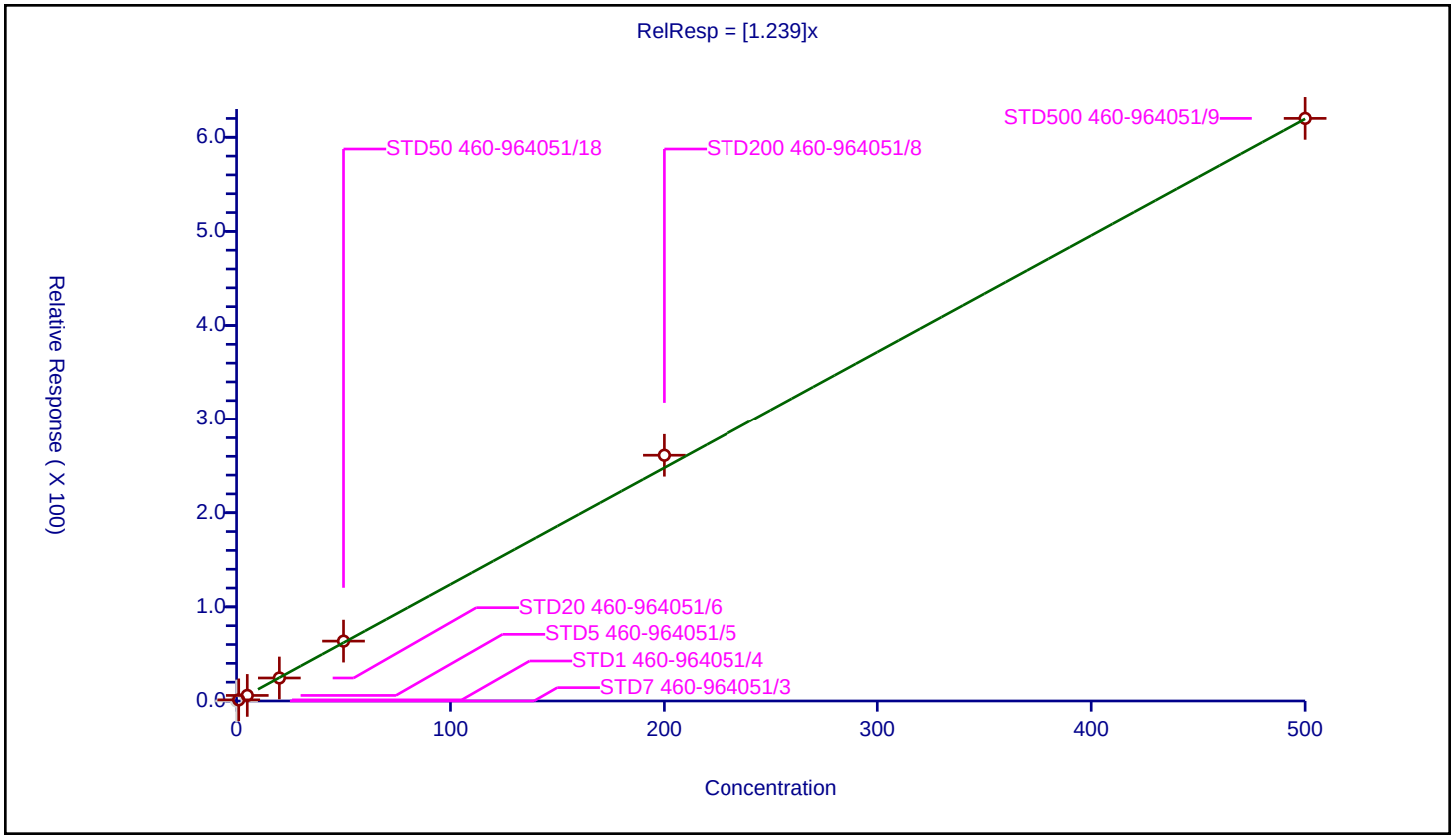
Curve Coefficients

Intercept:	0
Slope:	1.239

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	1.211689	50.0	261577.0	1.211689	Y
3	STD5 460-964051/5	5.0	5.911595	50.0	265436.0	1.182319	Y
4	STD20 460-964051/6	20.0	24.448773	50.0	275975.0	1.222439	Y
5	STD50 460-964051/18	50.0	63.617373	50.0	285793.0	1.272347	Y
6	STD200 460-964051/8	200.0	261.114457	50.0	295525.0	1.305572	Y
7	STD500 460-964051/9	500.0	620.051448	50.0	302245.0	1.240103	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

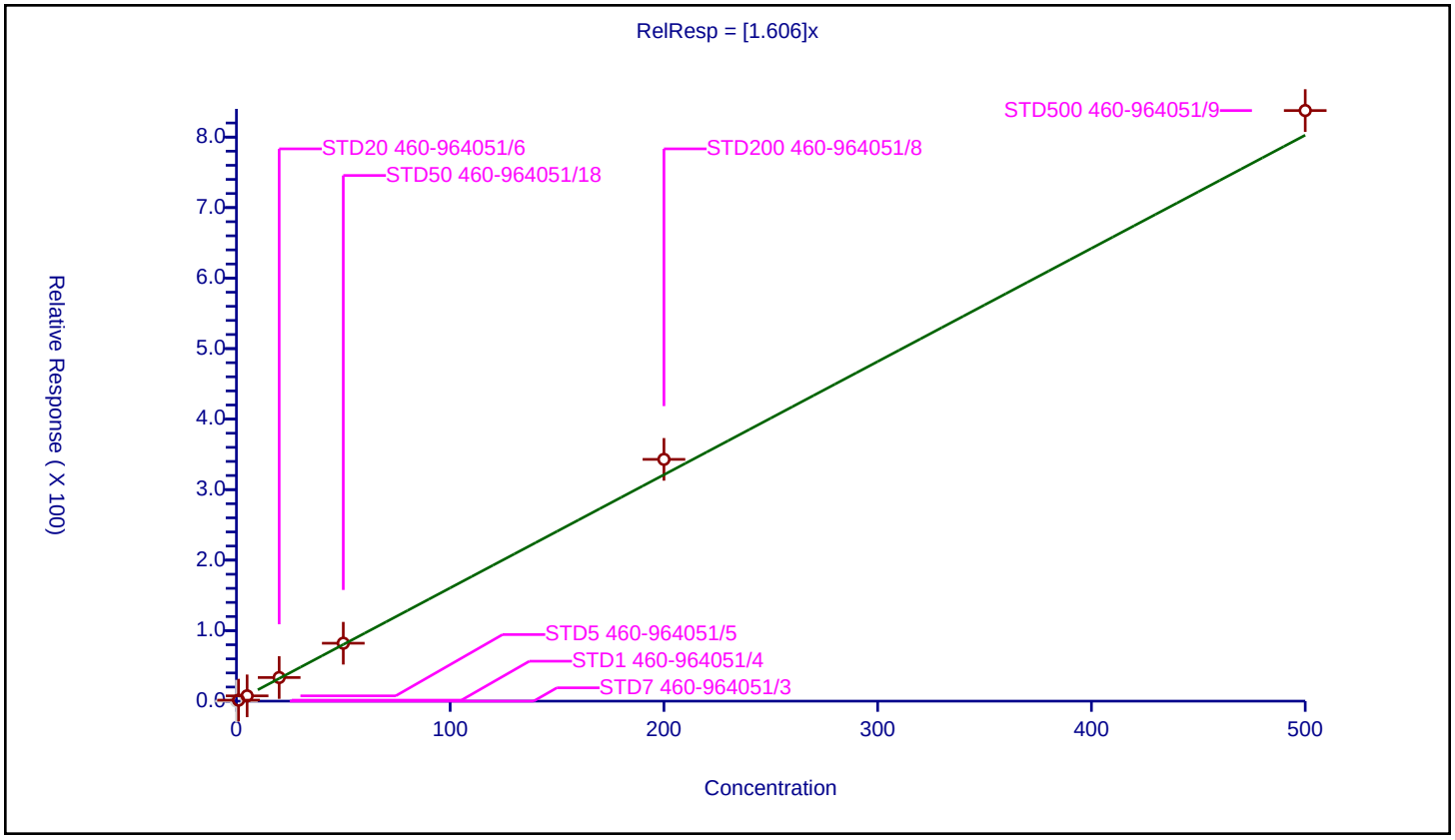
Curve Coefficients

Intercept:	0
Slope:	1.606

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	1.425966	50.0	261577.0	1.425966	Y
3	STD5 460-964051/5	5.0	7.502373	50.0	265436.0	1.500475	Y
4	STD20 460-964051/6	20.0	33.475858	50.0	275975.0	1.673793	Y
5	STD50 460-964051/18	50.0	82.153167	50.0	285793.0	1.643063	Y
6	STD200 460-964051/8	200.0	342.911936	50.0	295525.0	1.71456	Y
7	STD500 460-964051/9	500.0	837.650085	50.0	302245.0	1.6753	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

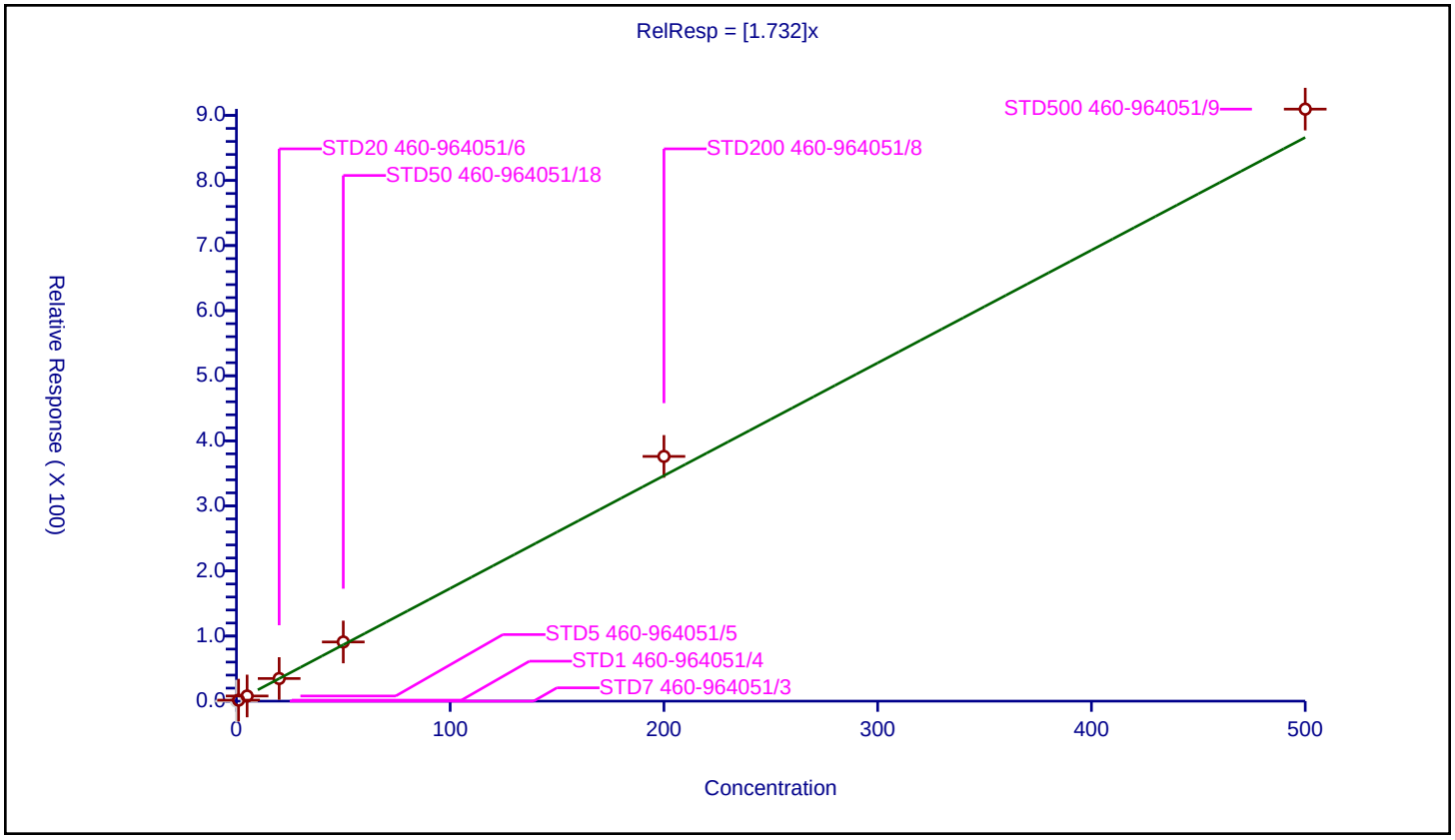
Curve Coefficients

Intercept:	0
Slope:	1.732

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	1.554418	50.0	261577.0	1.554418	Y
3	STD5 460-964051/5	5.0	7.916409	50.0	265436.0	1.583282	Y
4	STD20 460-964051/6	20.0	34.759489	50.0	275975.0	1.737974	Y
5	STD50 460-964051/18	50.0	90.926825	50.0	285793.0	1.818536	Y
6	STD200 460-964051/8	200.0	376.011336	50.0	295525.0	1.880057	Y
7	STD500 460-964051/9	500.0	909.644494	50.0	302245.0	1.819289	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

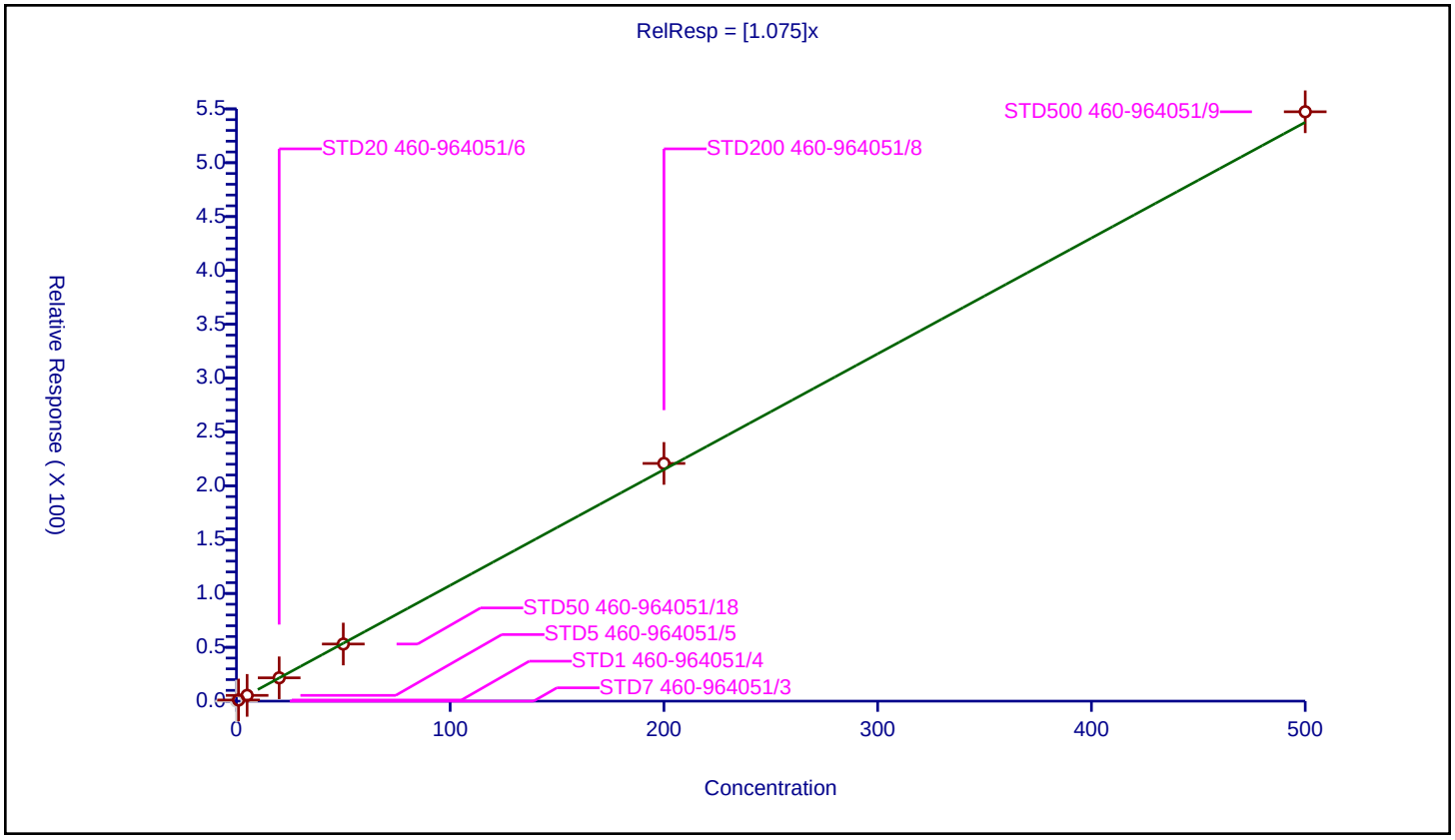
Curve Coefficients

Intercept:	0
Slope:	1.075

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	1.040803	50.0	261577.0	1.040803	Y
3	STD5 460-964051/5	5.0	5.342908	50.0	265436.0	1.068582	Y
4	STD20 460-964051/6	20.0	21.644533	50.0	275975.0	1.082227	Y
5	STD50 460-964051/18	50.0	53.034714	50.0	285793.0	1.060694	Y
6	STD200 460-964051/8	200.0	220.767617	50.0	295525.0	1.103838	Y
7	STD500 460-964051/9	500.0	547.321378	50.0	302245.0	1.094643	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

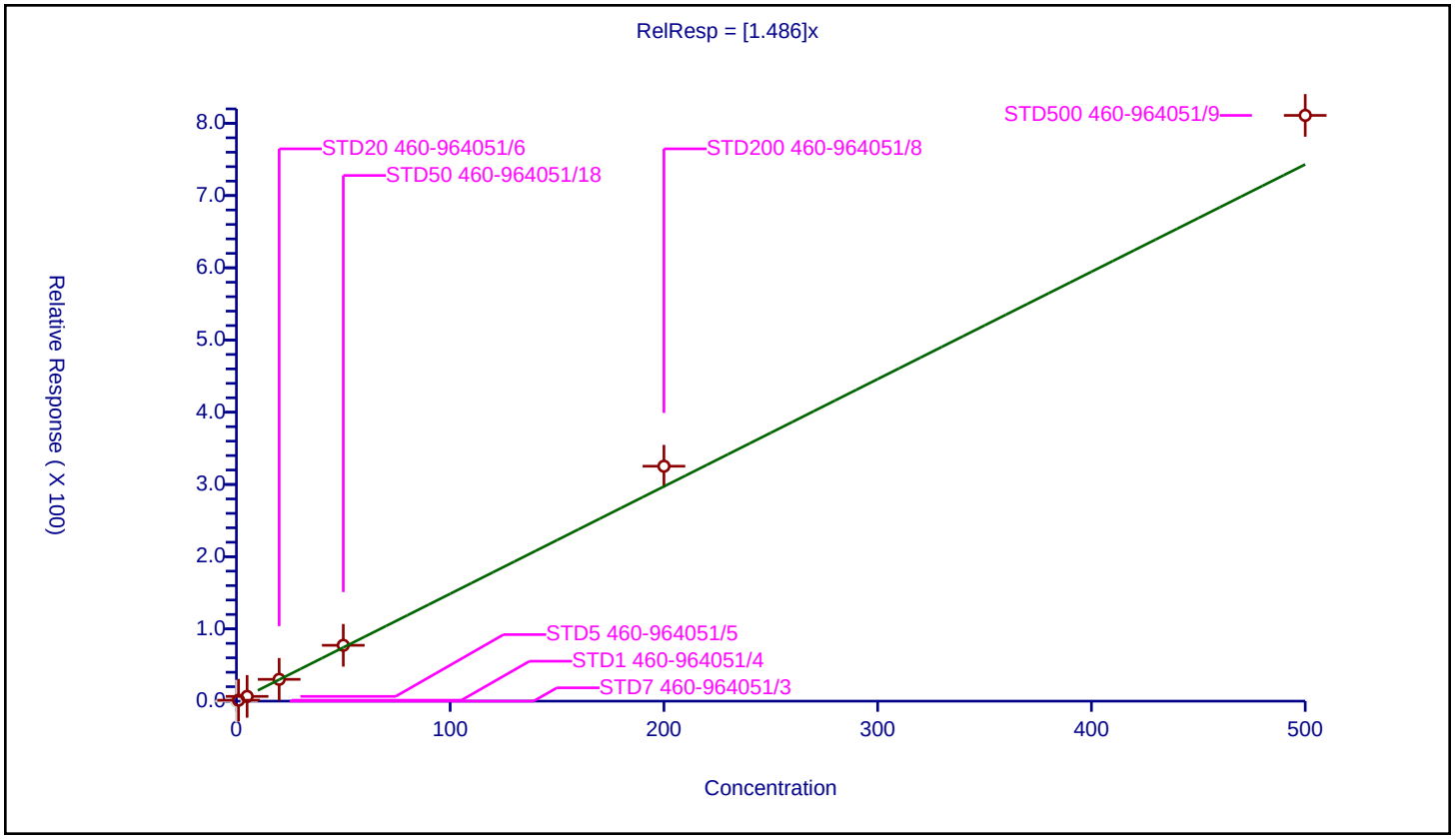
Curve Coefficients

Intercept:	0
Slope:	1.486

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	1.3	50.0	261577.0	1.3	Y
3	STD5 460-964051/5	5.0	6.566931	50.0	265436.0	1.313386	Y
4	STD20 460-964051/6	20.0	30.190416	50.0	275975.0	1.509521	Y
5	STD50 460-964051/18	50.0	77.318899	50.0	285793.0	1.546378	Y
6	STD200 460-964051/8	200.0	325.252009	50.0	295525.0	1.62626	Y
7	STD500 460-964051/9	500.0	810.994557	50.0	302245.0	1.621989	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

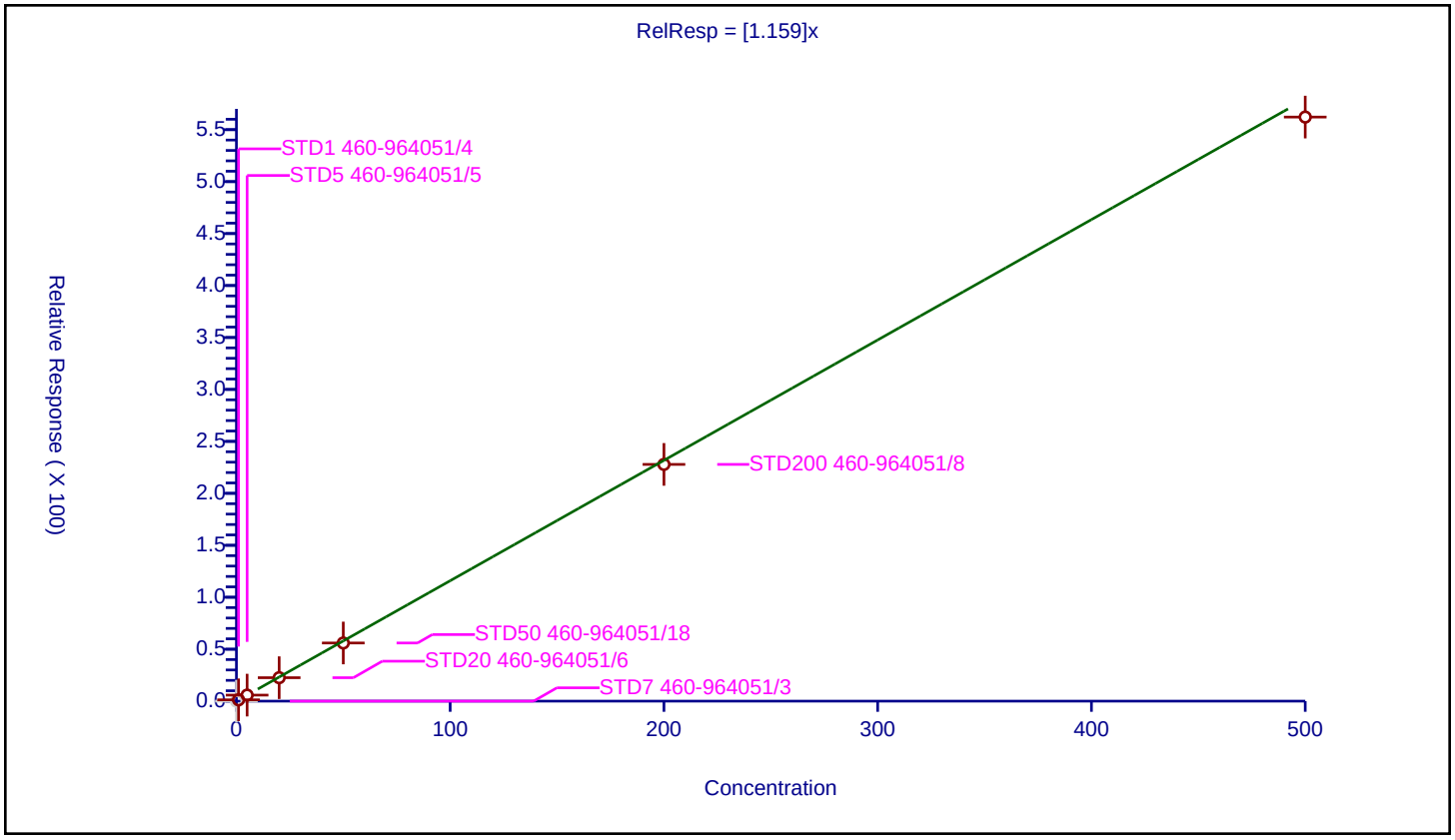
Curve Coefficients

Intercept:	0
Slope:	1.159

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	1.280311	50.0	261577.0	1.280311	Y
3	STD5 460-964051/5	5.0	5.801587	50.0	265436.0	1.160317	Y
4	STD20 460-964051/6	20.0	22.563457	50.0	275975.0	1.128173	Y
5	STD50 460-964051/18	50.0	55.977753	50.0	285793.0	1.119555	Y
6	STD200 460-964051/8	200.0	227.838931	50.0	295525.0	1.139195	Y
7	STD500 460-964051/9	500.0	562.141971	50.0	302245.0	1.124284	Y



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Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

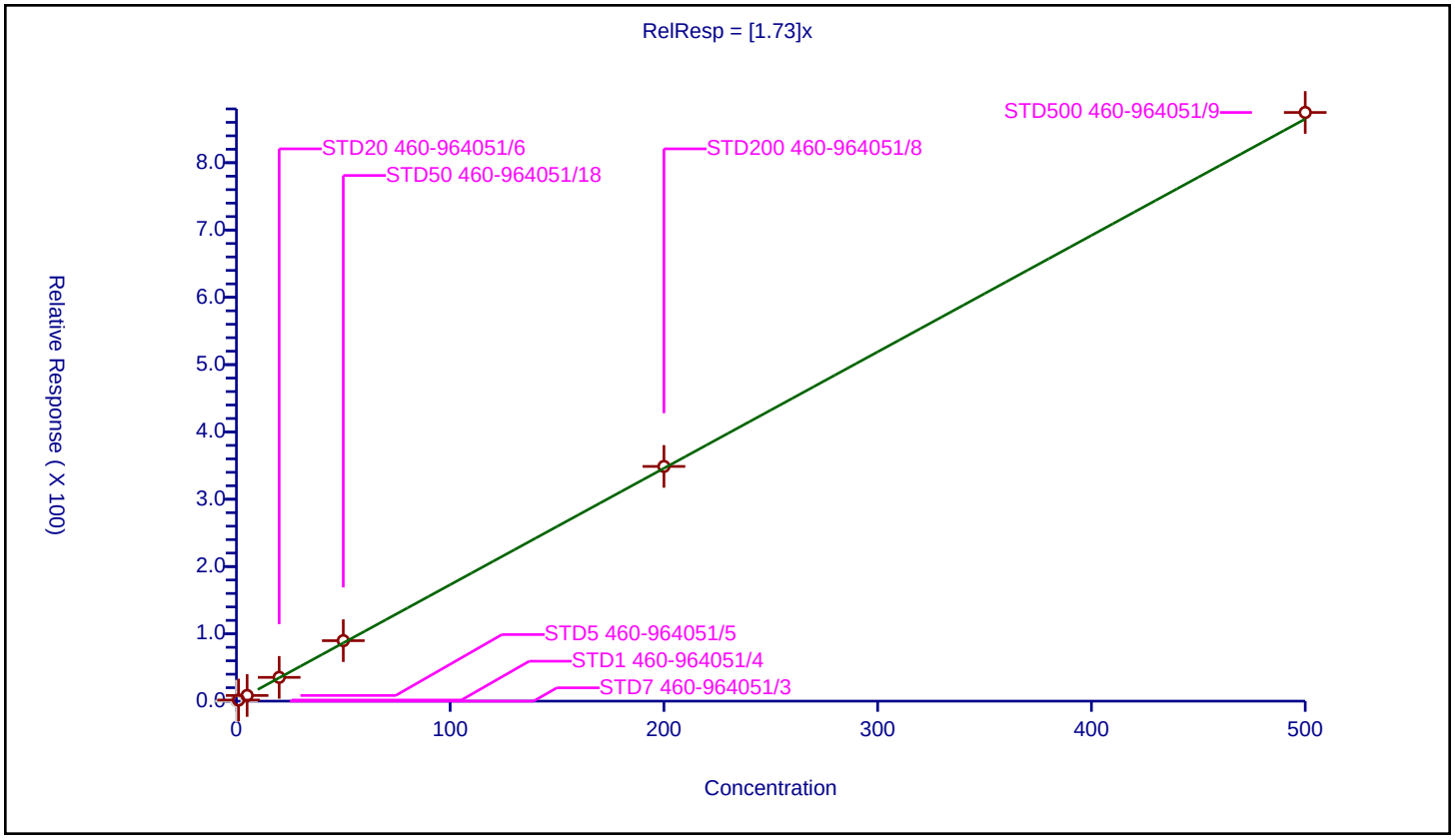
Curve Coefficients

Intercept:	0
Slope:	1.73

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	1.639479	50.0	261577.0	1.639479	Y
3	STD5 460-964051/5	5.0	8.41992	50.0	265436.0	1.683984	Y
4	STD20 460-964051/6	20.0	35.326388	50.0	275975.0	1.766319	Y
5	STD50 460-964051/18	50.0	89.844223	50.0	285793.0	1.796884	Y
6	STD200 460-964051/8	200.0	348.764572	50.0	295525.0	1.743823	Y
7	STD500 460-964051/9	500.0	874.708928	50.0	302245.0	1.749418	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

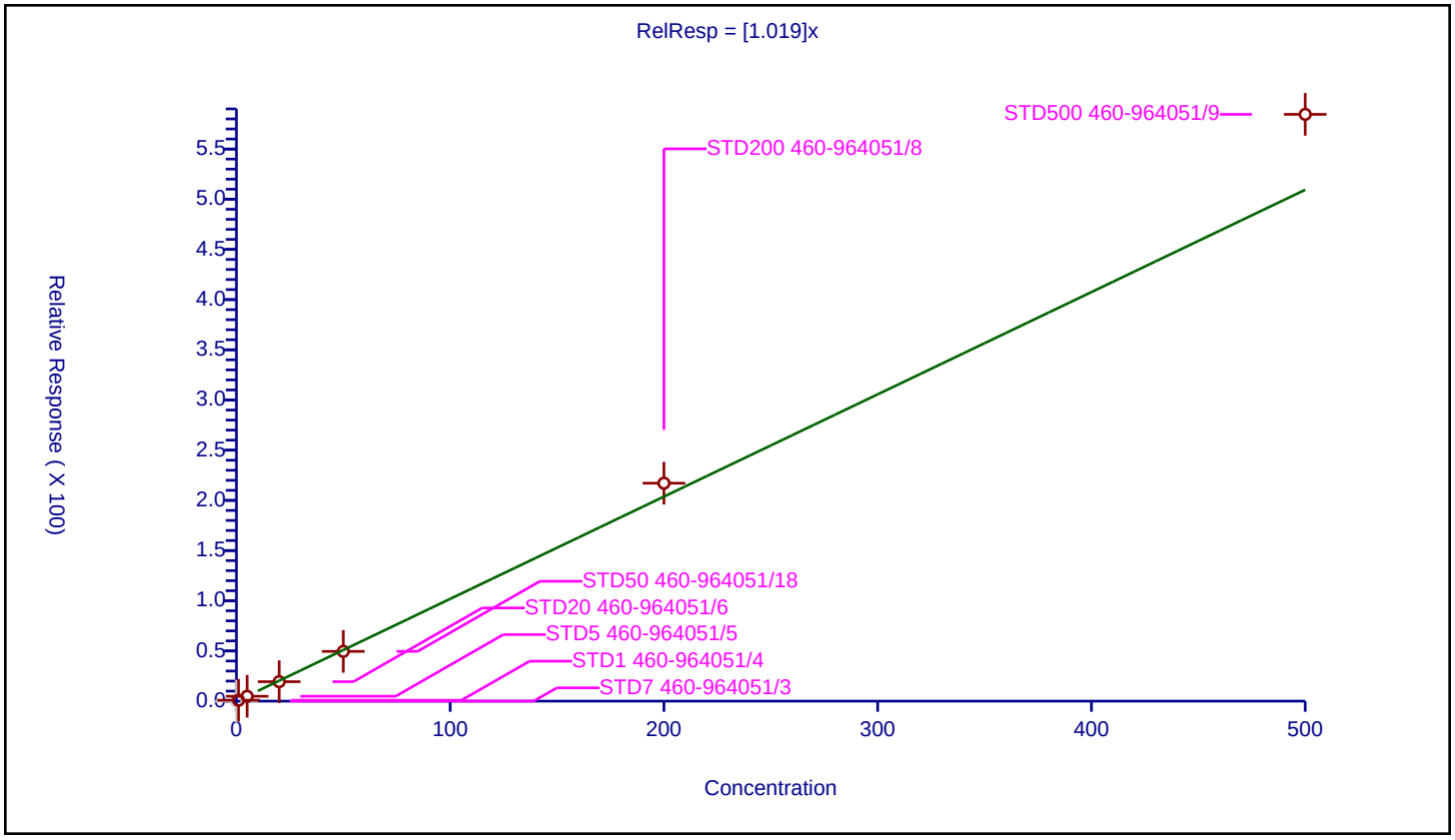
Curve Coefficients

Intercept:	0
Slope:	1.019

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.922291	50.0	261577.0	0.922291	Y
3	STD5 460-964051/5	5.0	4.87368	50.0	265436.0	0.974736	Y
4	STD20 460-964051/6	20.0	19.385633	50.0	275975.0	0.969282	Y
5	STD50 460-964051/18	50.0	49.585714	50.0	285793.0	0.991714	Y
6	STD200 460-964051/8	200.0	217.110566	50.0	295525.0	1.085553	Y
7	STD500 460-964051/9	500.0	584.548462	50.0	302245.0	1.169097	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

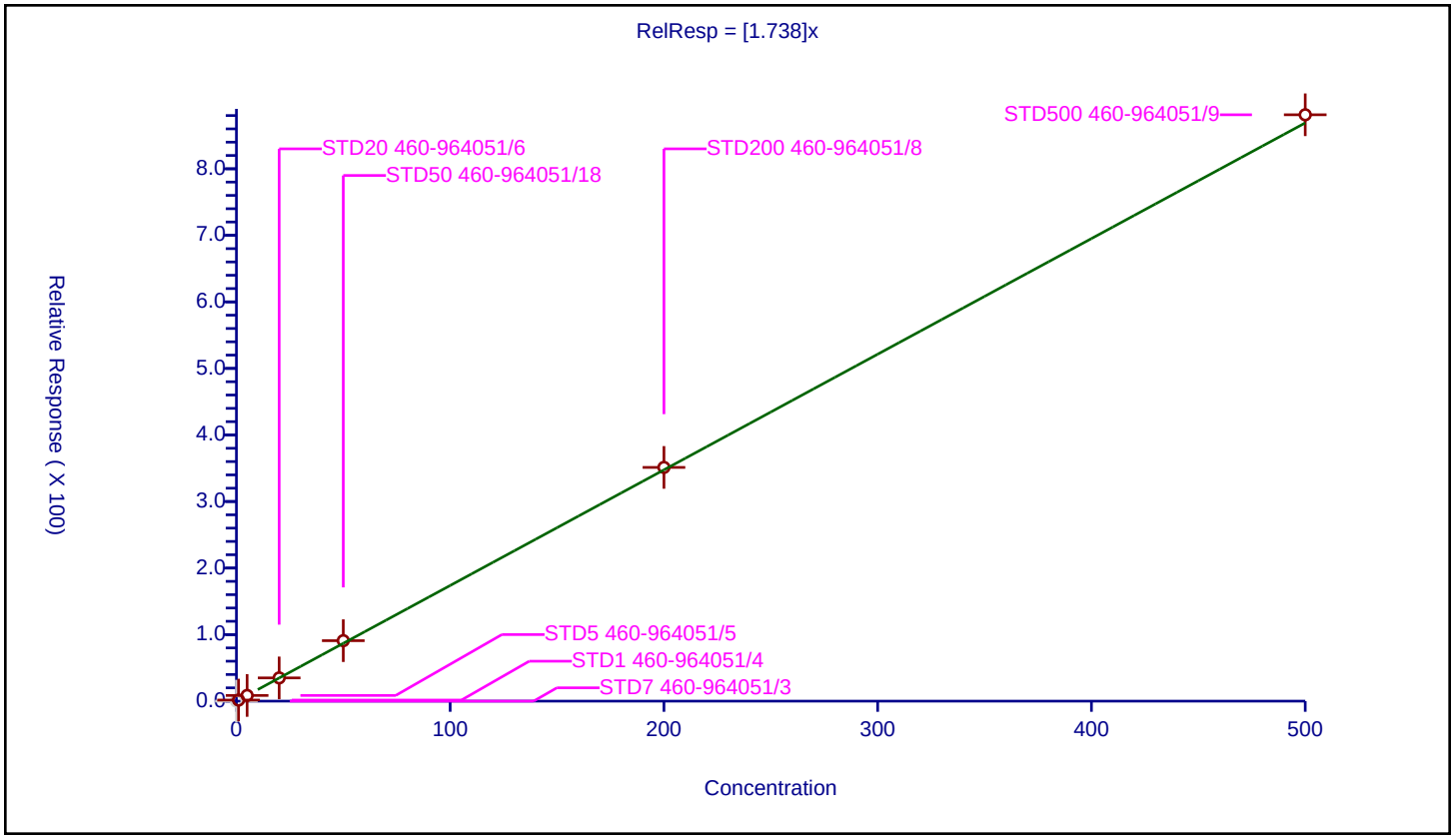
Curve Coefficients

Intercept:	0
Slope:	1.738

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	1.63298	50.0	261577.0	1.63298	Y
3	STD5 460-964051/5	5.0	8.556677	50.0	265436.0	1.711335	Y
4	STD20 460-964051/6	20.0	34.927258	50.0	275975.0	1.746363	Y
5	STD50 460-964051/18	50.0	90.88991	50.0	285793.0	1.817798	Y
6	STD200 460-964051/8	200.0	351.24964	50.0	295525.0	1.756248	Y
7	STD500 460-964051/9	500.0	881.139638	50.0	302245.0	1.762279	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

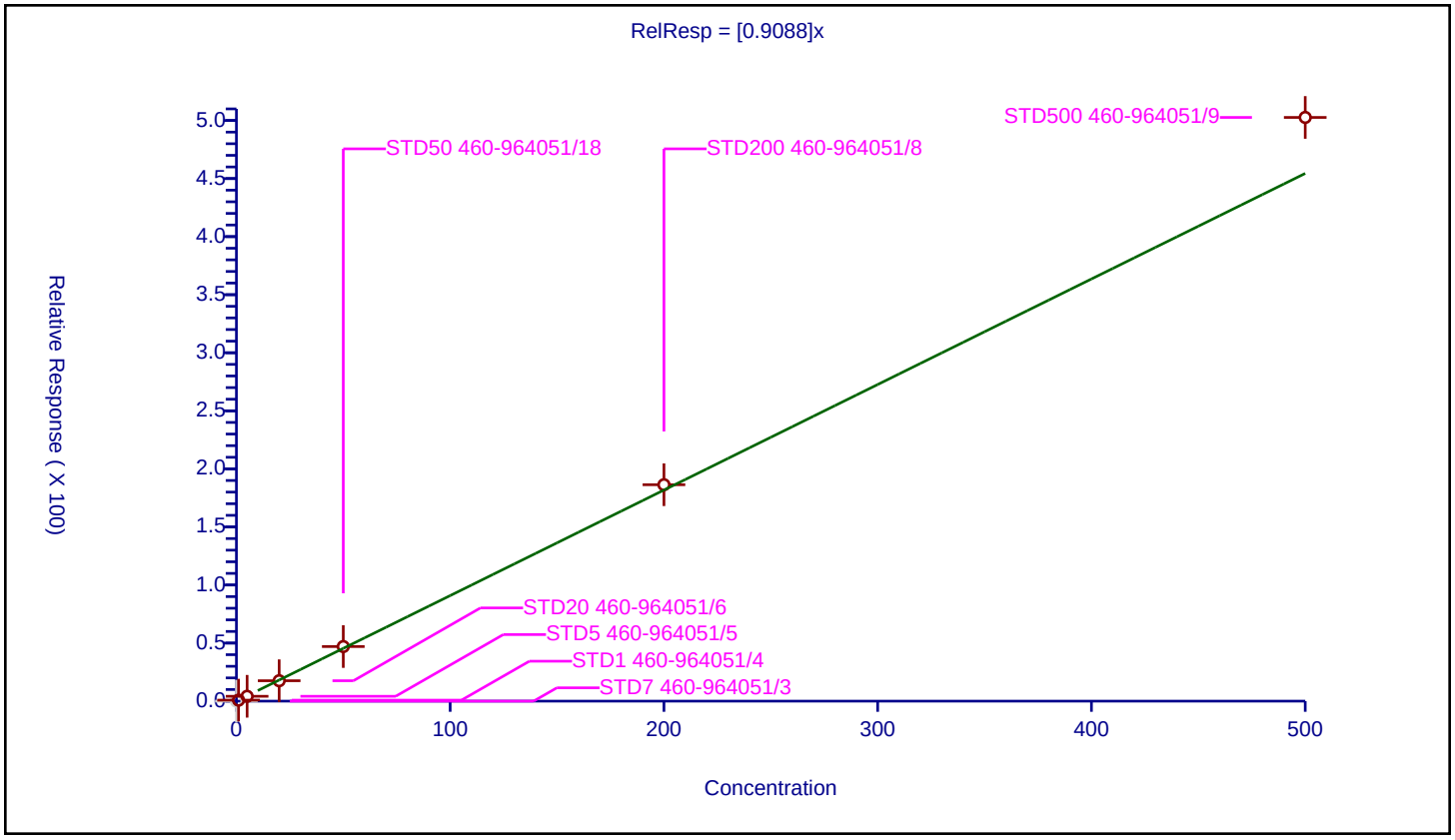
Curve Coefficients

Intercept:	0
Slope:	0.9088

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.85902	50.0	261577.0	0.85902	Y
3	STD5 460-964051/5	5.0	4.190464	50.0	265436.0	0.838093	Y
4	STD20 460-964051/6	20.0	17.57315	50.0	275975.0	0.878657	Y
5	STD50 460-964051/18	50.0	47.008674	50.0	285793.0	0.940173	Y
6	STD200 460-964051/8	200.0	186.365451	50.0	295525.0	0.931827	Y
7	STD500 460-964051/9	500.0	502.630482	50.0	302245.0	1.005261	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

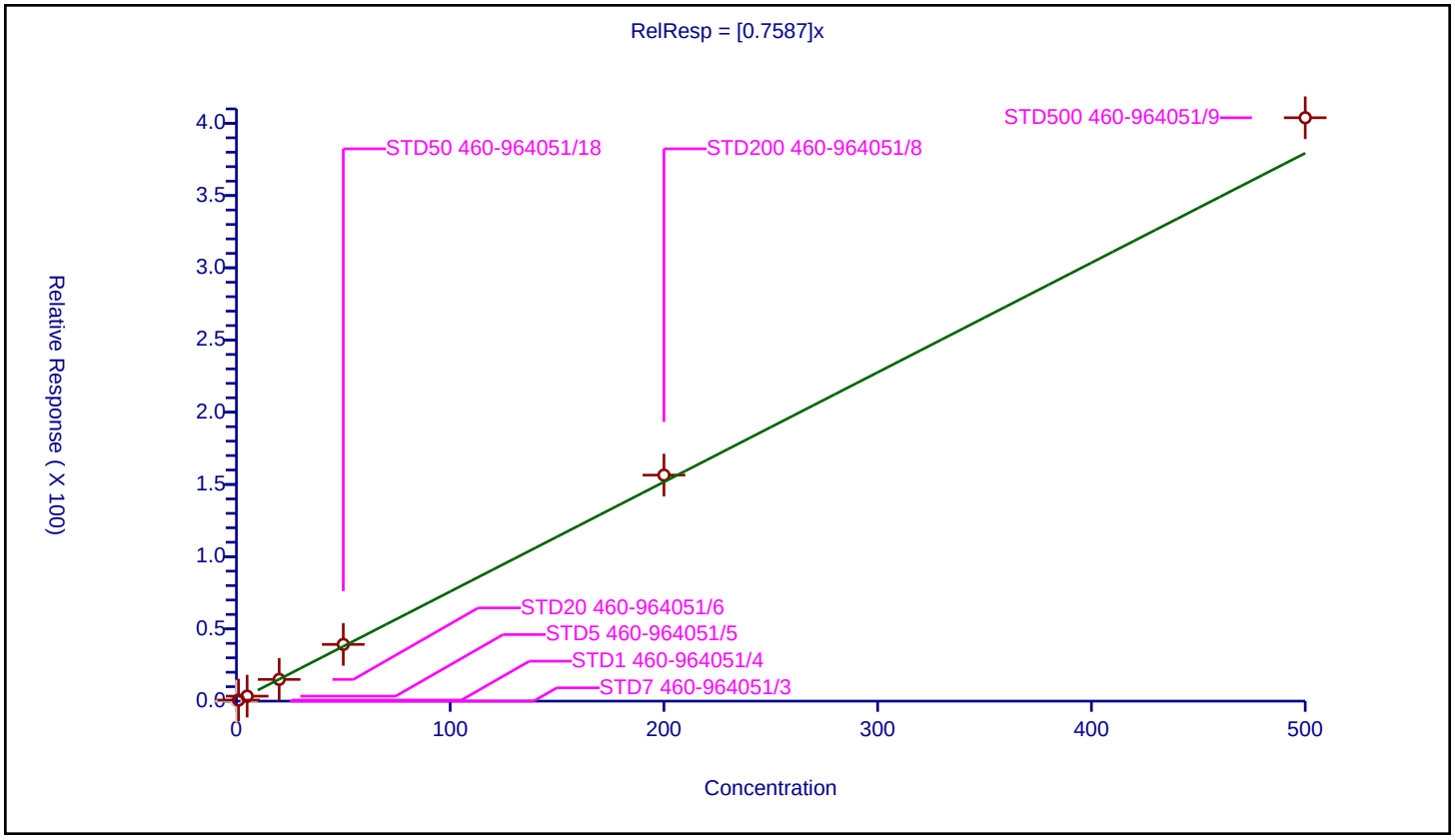
Curve Coefficients

Intercept:	0
Slope:	0.7587

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.732671	50.0	261577.0	0.732671	Y
3	STD5 460-964051/5	5.0	3.459403	50.0	265436.0	0.691881	Y
4	STD20 460-964051/6	20.0	15.04466	50.0	275975.0	0.752233	Y
5	STD50 460-964051/18	50.0	39.265832	50.0	285793.0	0.785317	Y
6	STD200 460-964051/8	200.0	156.482869	50.0	295525.0	0.782414	Y
7	STD500 460-964051/9	500.0	403.875829	50.0	302245.0	0.807752	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

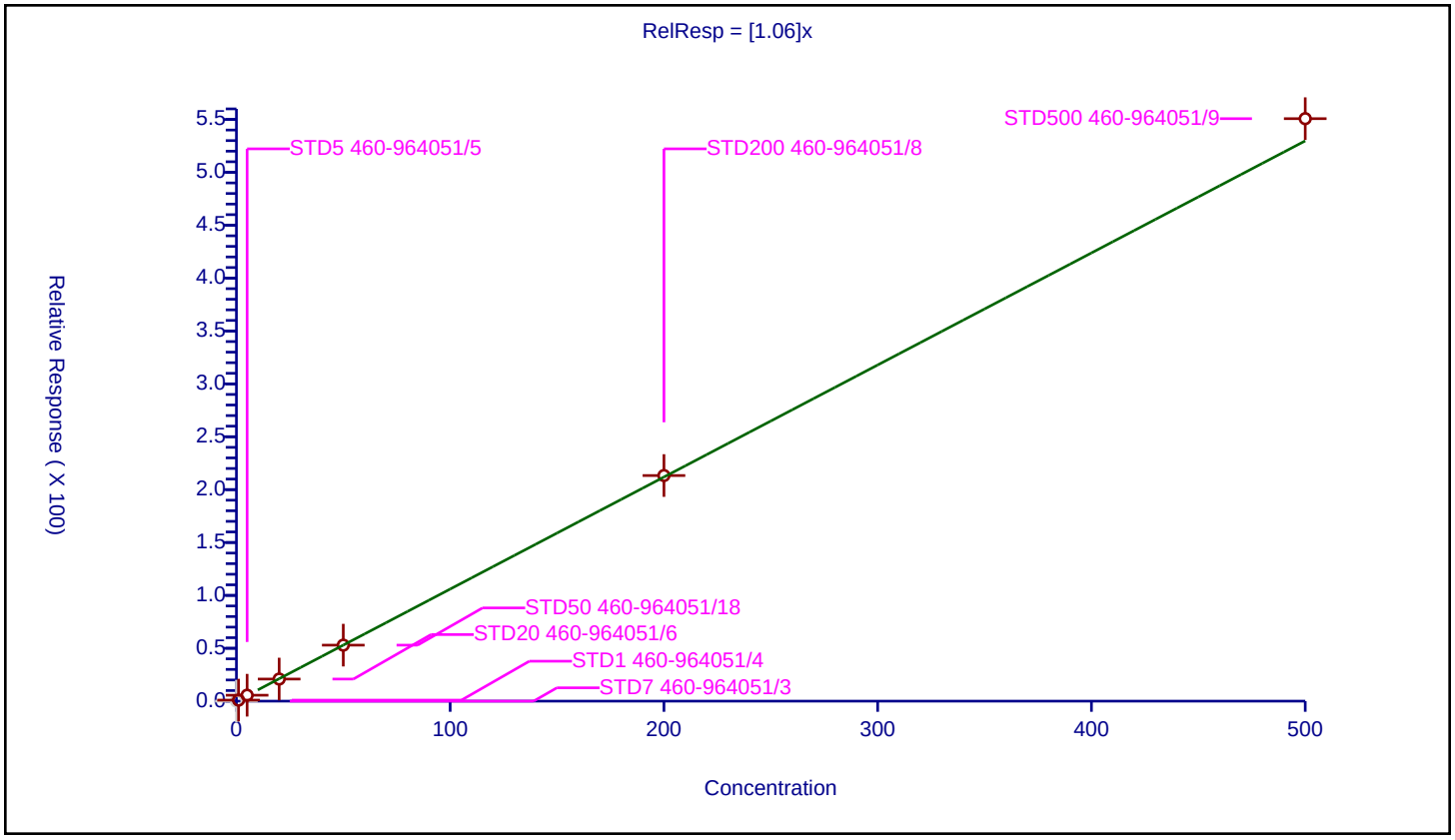
Curve Coefficients

Intercept:	0
Slope:	1.06

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.965108	50.0	261577.0	0.965108	Y
3	STD5 460-964051/5	5.0	5.601727	50.0	265436.0	1.120345	Y
4	STD20 460-964051/6	20.0	20.892291	50.0	275975.0	1.044615	Y
5	STD50 460-964051/18	50.0	52.941115	50.0	285793.0	1.058822	Y
6	STD200 460-964051/8	200.0	213.323238	50.0	295525.0	1.066616	Y
7	STD500 460-964051/9	500.0	550.769243	50.0	302245.0	1.101538	Y



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Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

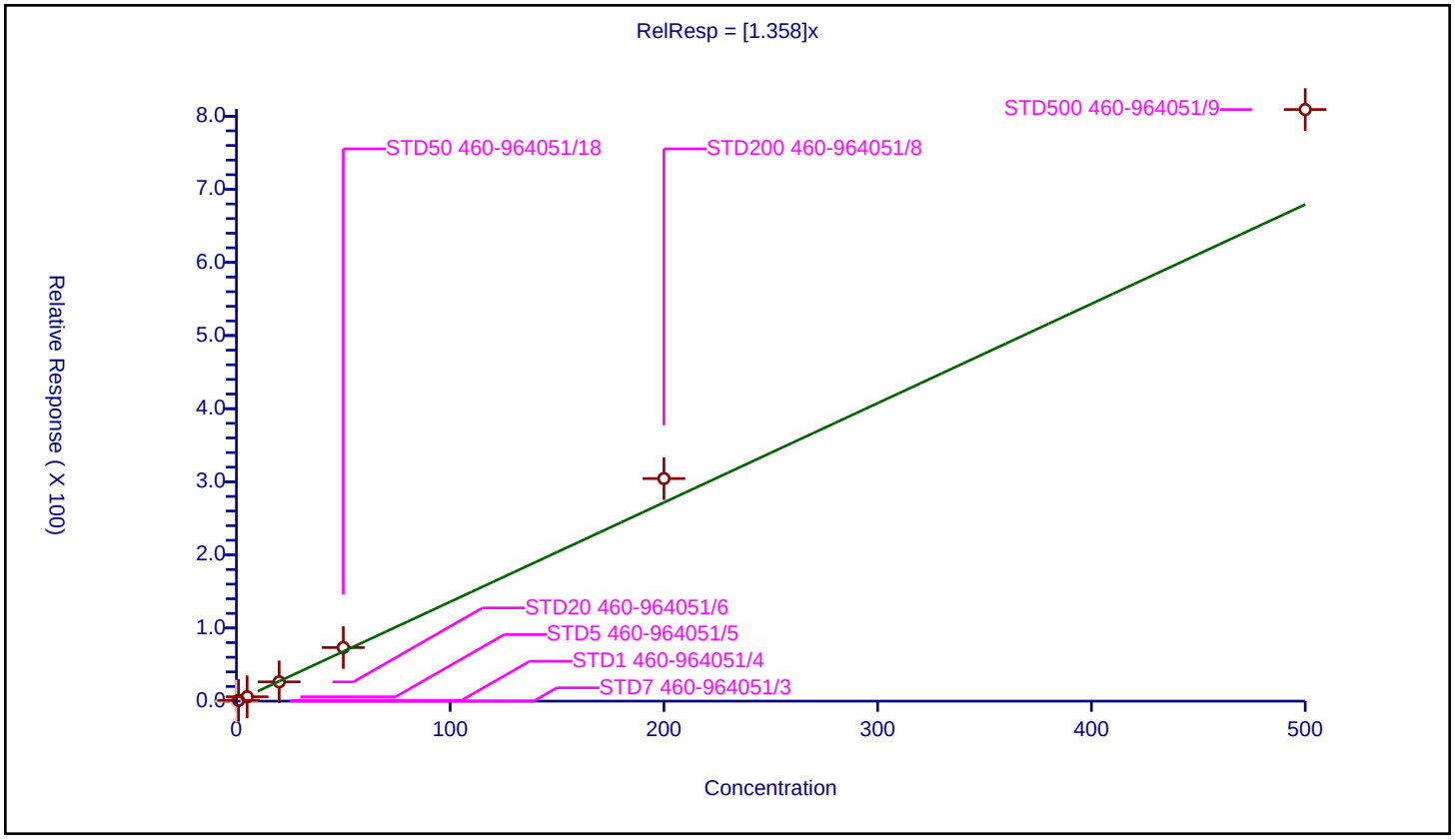
Curve Coefficients

Intercept:	0
Slope:	1.358

Error Coefficients

Relative Standard Deviation:	16.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	1.039273	50.0	261577.0	1.039273	Y
3	STD5 460-964051/5	5.0	5.938343	50.0	265436.0	1.187669	Y
4	STD20 460-964051/6	20.0	26.356011	50.0	275975.0	1.317801	Y
5	STD50 460-964051/18	50.0	73.280836	50.0	285793.0	1.465617	Y
6	STD200 460-964051/8	200.0	304.434312	50.0	295525.0	1.522172	Y
7	STD500 460-964051/9	500.0	809.162434	50.0	302245.0	1.618325	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

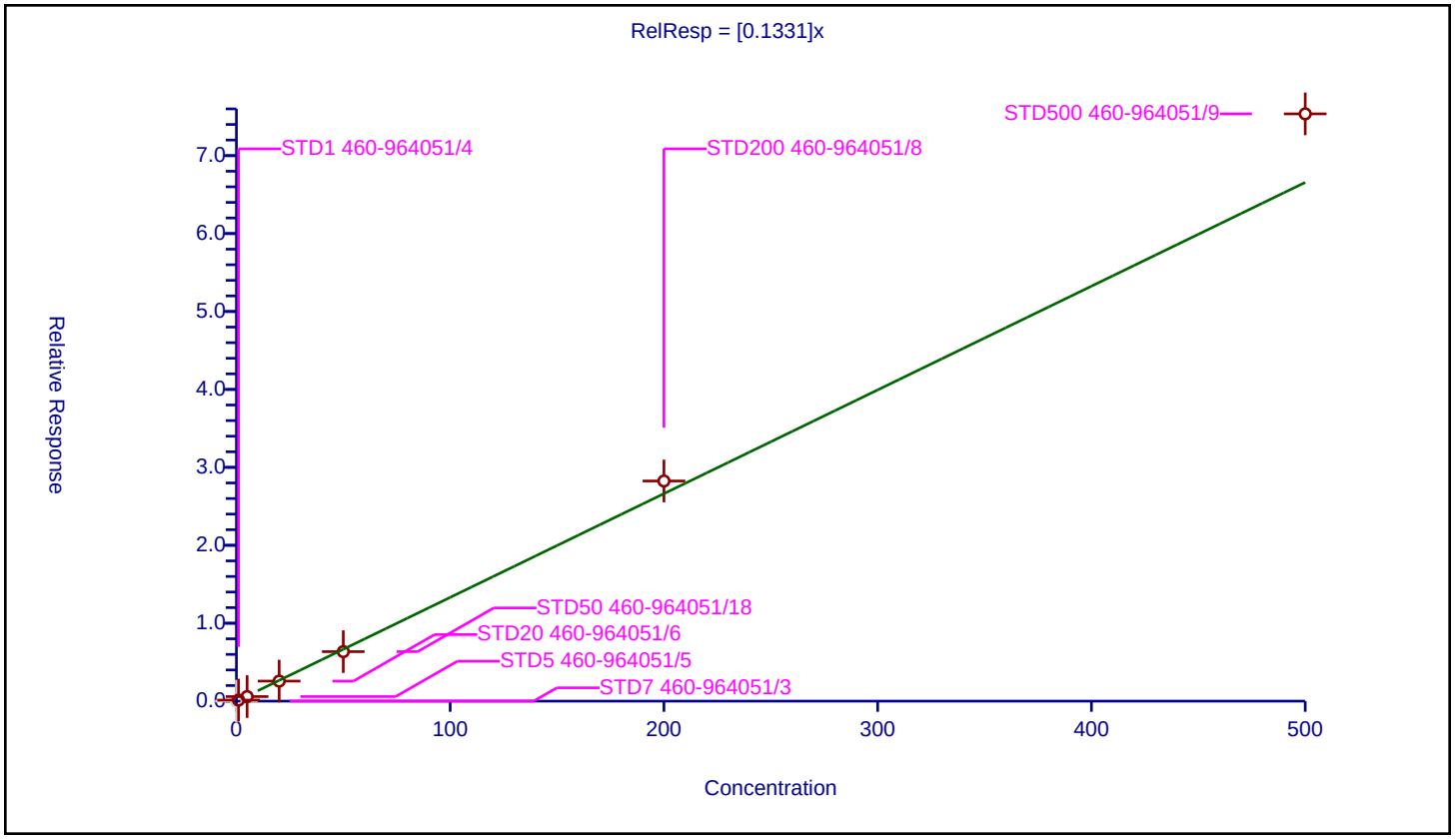
Curve Coefficients

Intercept:	0
Slope:	0.1331

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.133804	50.0	261577.0	0.133804	Y
3	STD5 460-964051/5	5.0	0.58677	50.0	265436.0	0.117354	Y
4	STD20 460-964051/6	20.0	2.571429	50.0	275975.0	0.128571	Y
5	STD50 460-964051/18	50.0	6.353025	50.0	285793.0	0.12706	Y
6	STD200 460-964051/8	200.0	28.251248	50.0	295525.0	0.141256	Y
7	STD500 460-964051/9	500.0	75.360056	50.0	302245.0	0.15072	Y



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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

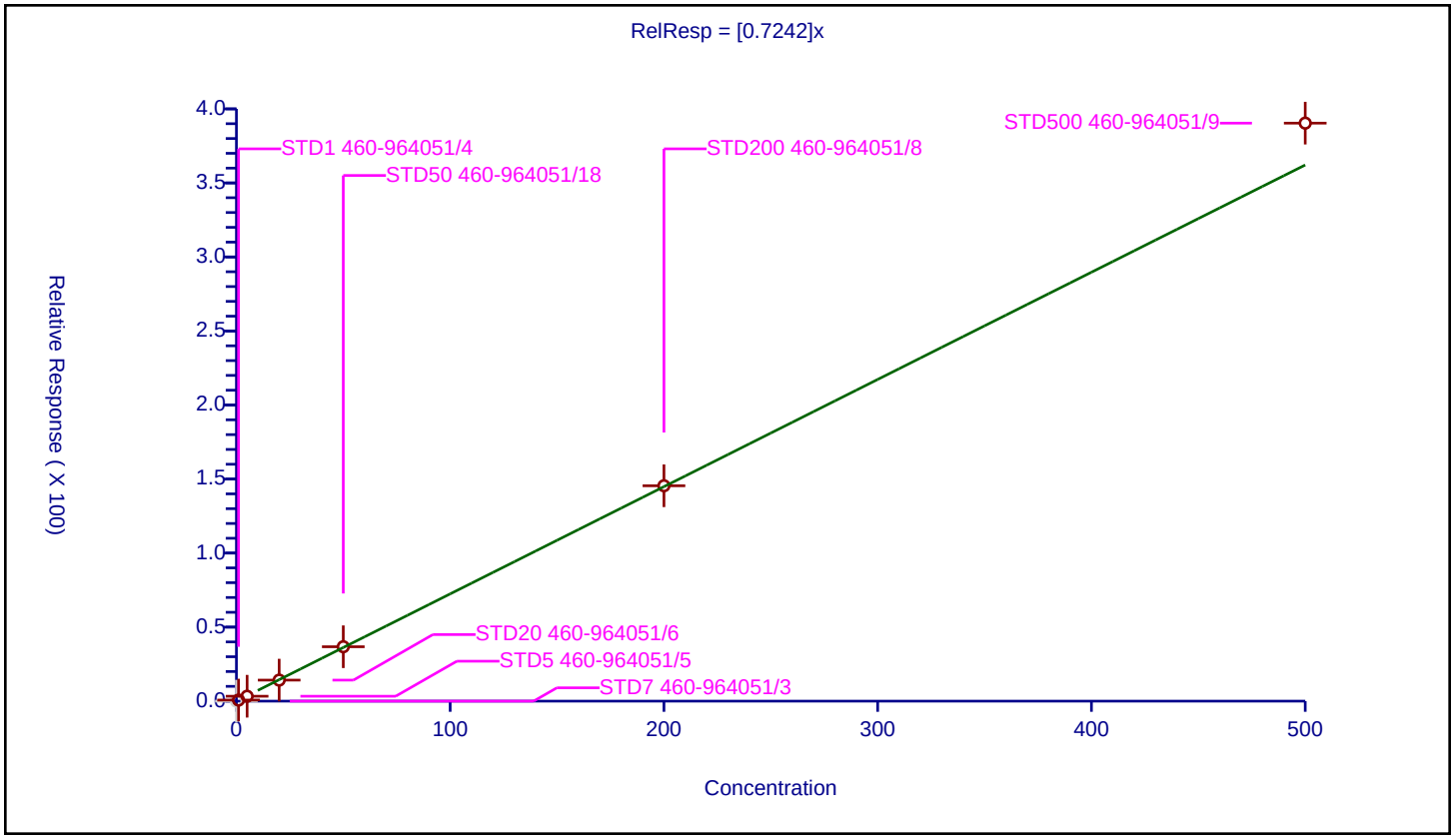
Curve Coefficients

Intercept:	0
Slope:	0.7242

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.729613	50.0	261577.0	0.729613	Y
3	STD5 460-964051/5	5.0	3.313605	50.0	265436.0	0.662721	Y
4	STD20 460-964051/6	20.0	14.202011	50.0	275975.0	0.710101	Y
5	STD50 460-964051/18	50.0	36.741978	50.0	285793.0	0.73484	Y
6	STD200 460-964051/8	200.0	145.471449	50.0	295525.0	0.727357	Y
7	STD500 460-964051/9	500.0	390.369899	50.0	302245.0	0.78074	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

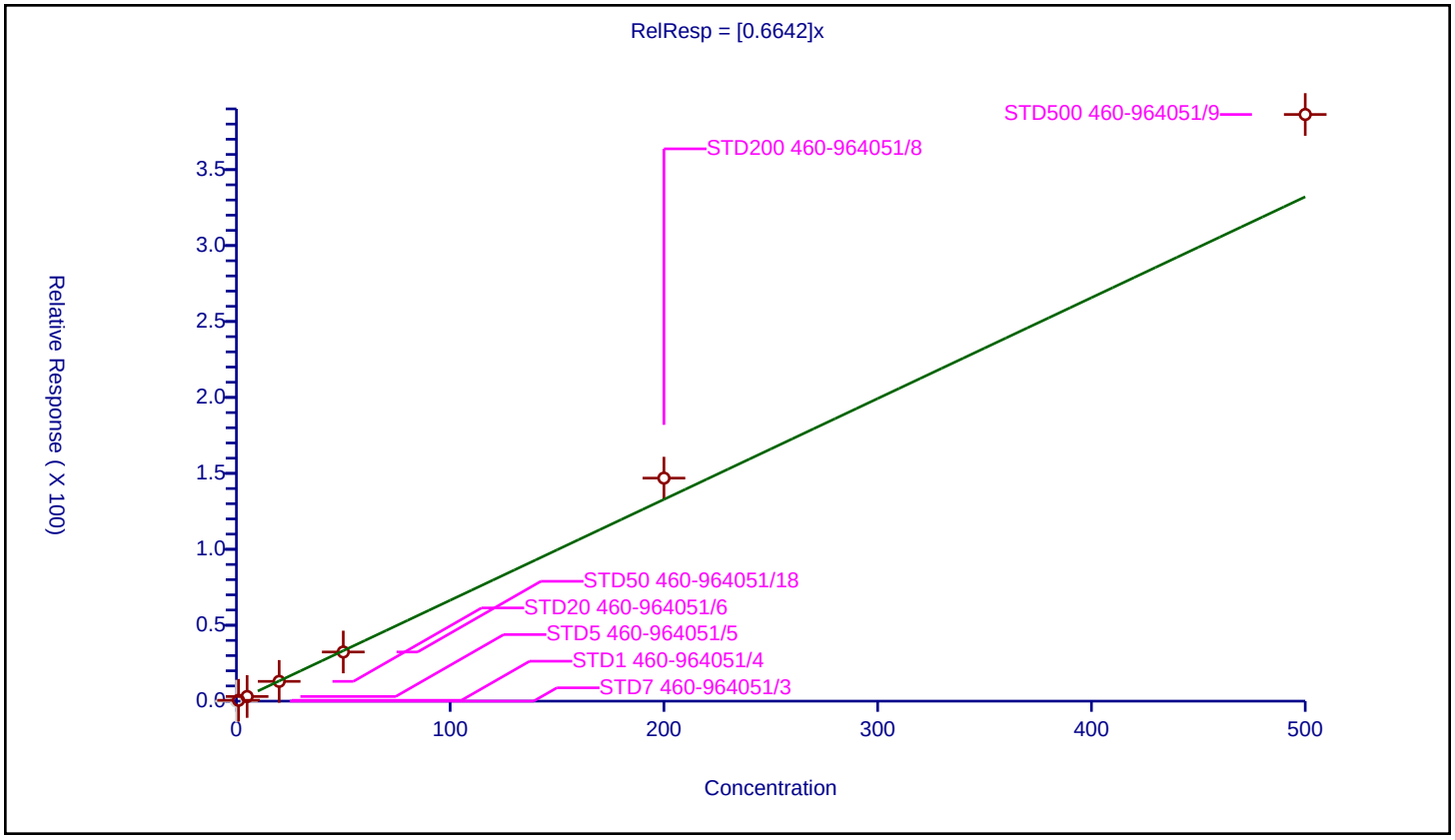
Curve Coefficients

Intercept:	0
Slope:	0.6642

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.567328	50.0	261577.0	0.567328	Y
3	STD5 460-964051/5	5.0	3.059871	50.0	265436.0	0.611974	Y
4	STD20 460-964051/6	20.0	13.029079	50.0	275975.0	0.651454	Y
5	STD50 460-964051/18	50.0	32.37623	50.0	285793.0	0.647525	Y
6	STD200 460-964051/8	200.0	146.854919	50.0	295525.0	0.734275	Y
7	STD500 460-964051/9	500.0	386.321693	50.0	302245.0	0.772643	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

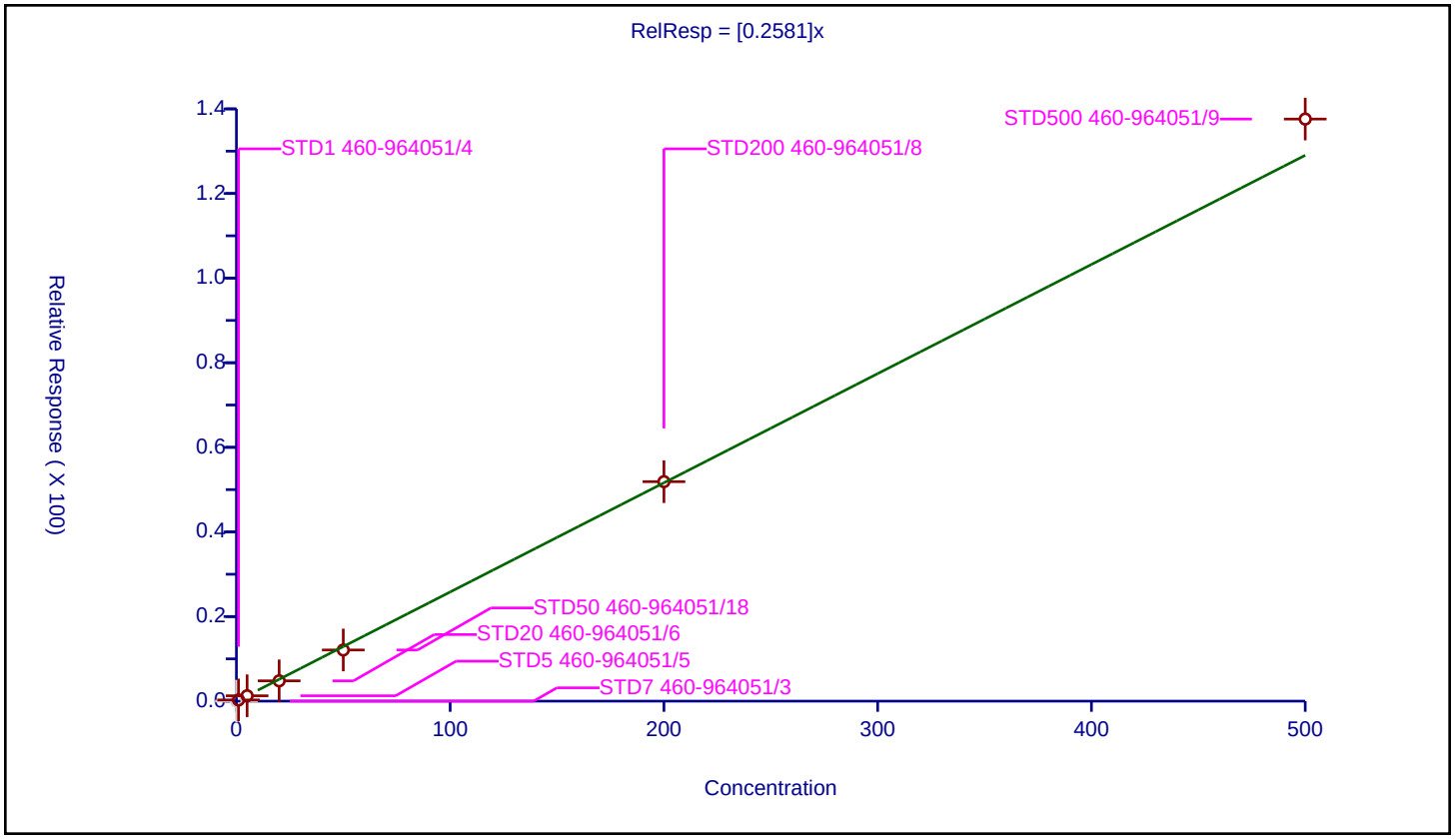
Curve Coefficients

Intercept:	0
Slope:	0.2581

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.278121	50.0	261577.0	0.278121	Y
3	STD5 460-964051/5	5.0	1.268856	50.0	265436.0	0.253771	Y
4	STD20 460-964051/6	20.0	4.799891	50.0	275975.0	0.239995	Y
5	STD50 460-964051/18	50.0	12.092494	50.0	285793.0	0.24185	Y
6	STD200 460-964051/8	200.0	51.881905	50.0	295525.0	0.25941	Y
7	STD500 460-964051/9	500.0	137.594667	50.0	302245.0	0.275189	Y



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Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

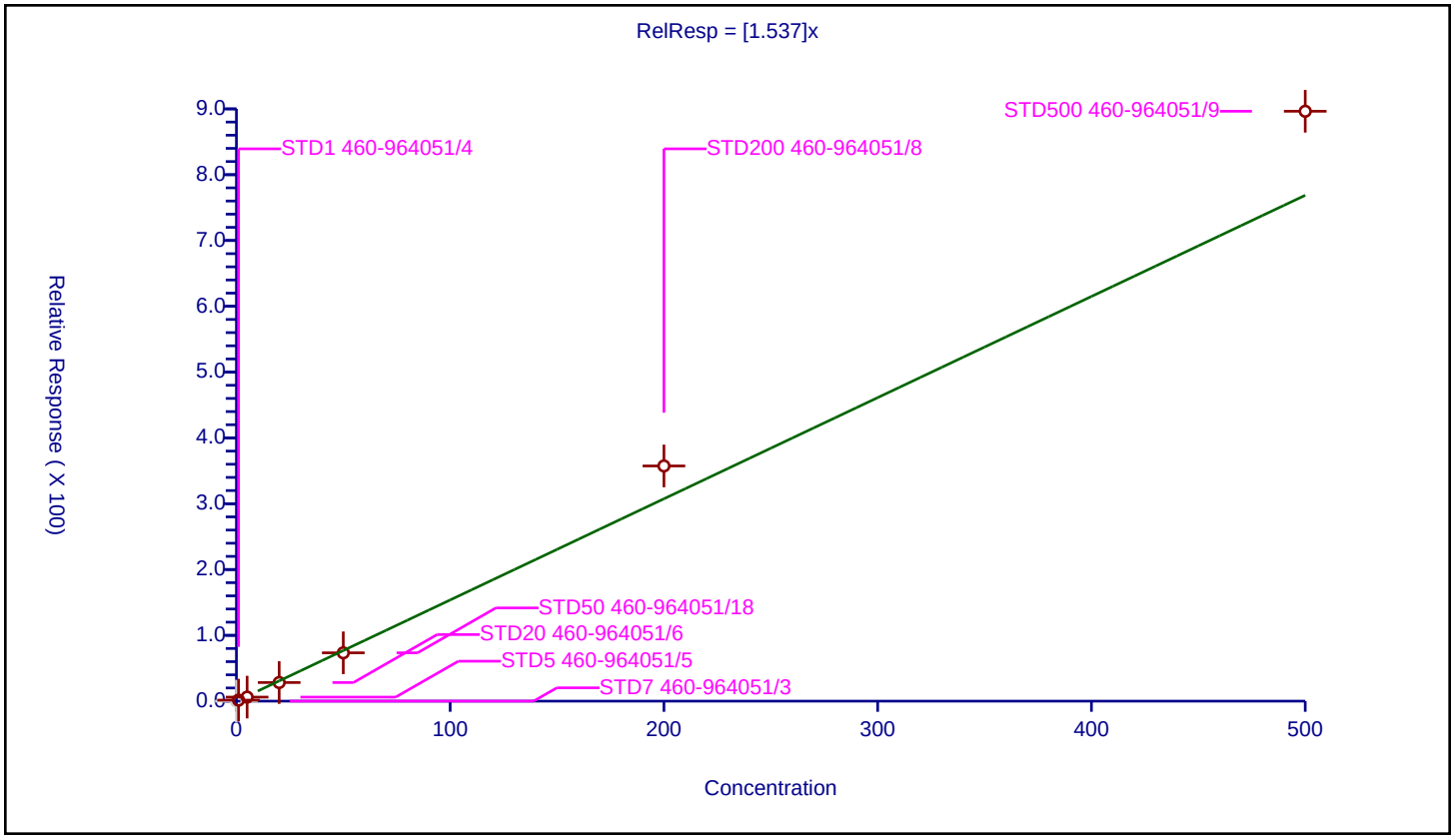
Curve Coefficients

Intercept:	0
Slope:	1.537

Error Coefficients

Relative Standard Deviation:	14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	1.537788	50.0	261577.0	1.537788	Y
3	STD5 460-964051/5	5.0	6.122191	50.0	265436.0	1.224438	Y
4	STD20 460-964051/6	20.0	28.276474	50.0	275975.0	1.413824	Y
5	STD50 460-964051/18	50.0	73.436368	50.0	285793.0	1.468727	Y
6	STD200 460-964051/8	200.0	357.403604	50.0	295525.0	1.787018	Y
7	STD500 460-964051/9	500.0	896.382074	50.0	302245.0	1.792764	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

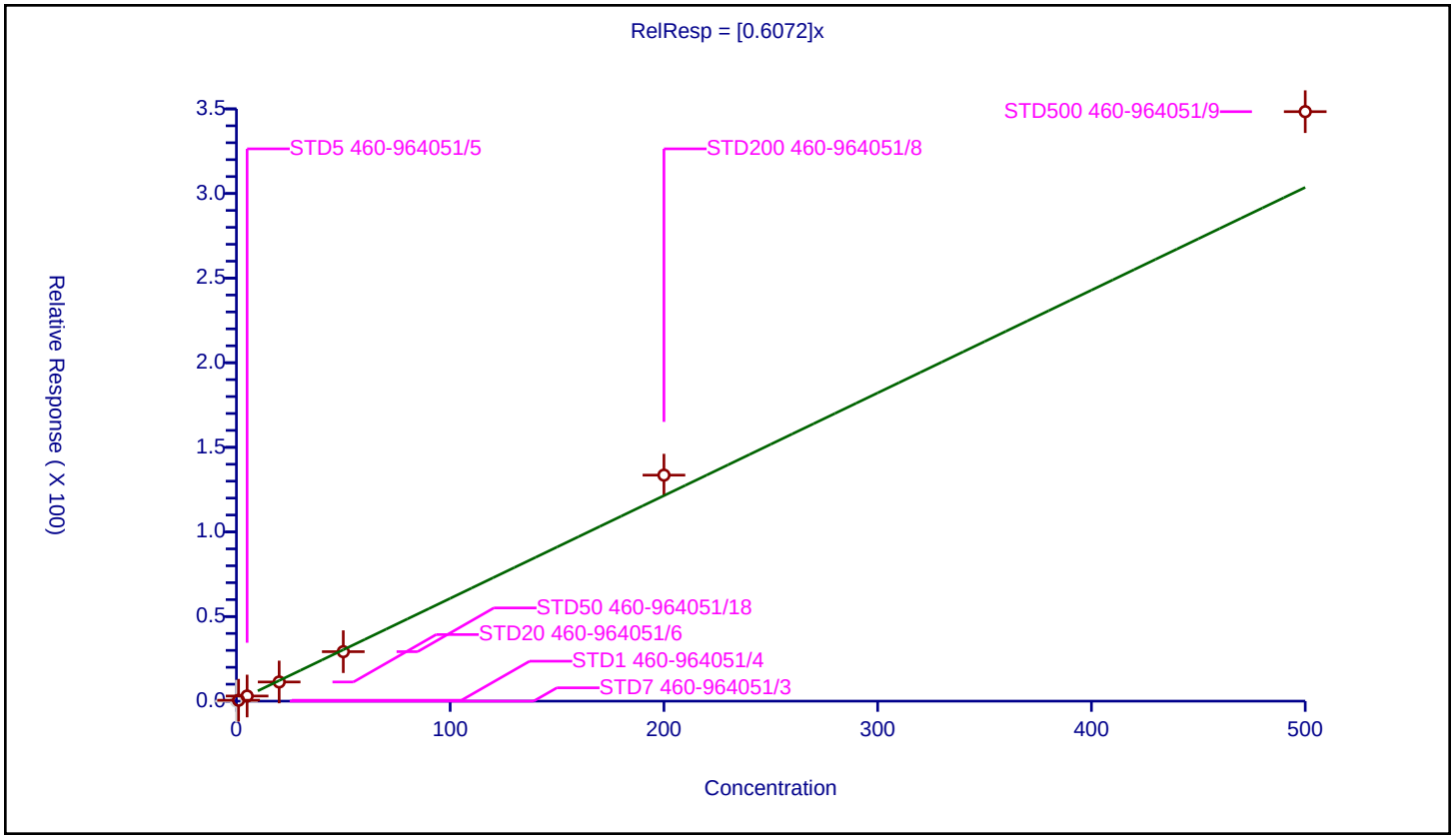
Curve Coefficients

Intercept:	0
Slope:	0.6072

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-964051/3	0.0	0.0	50.0	257316.0	NaN	N
2	STD1 460-964051/4	1.0	0.520306	50.0	261577.0	0.520306	Y
3	STD5 460-964051/5	5.0	3.03689	50.0	265436.0	0.607378	Y
4	STD20 460-964051/6	20.0	11.322946	50.0	275975.0	0.566147	Y
5	STD50 460-964051/18	50.0	29.240919	50.0	285793.0	0.584818	Y
6	STD200 460-964051/8	200.0	133.565181	50.0	295525.0	0.667826	Y
7	STD500 460-964051/9	500.0	348.355473	50.0	302245.0	0.696711	Y



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FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Lab Sample ID: ICV 460-964051/17 Calibration Date: 03/14/2024 18:04

Instrument ID: CVOAMS8 Calib Start Date: 03/14/2024 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/14/2024 17:38

Lab File ID: J02069.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.0184		27.8	20.0	38.8*	30.0
Dichlorodifluoromethane	Ave	0.2869	0.2232	0.1000	15.6	20.0	-22.2	30.0
Chlorodifluoromethane	Ave	0.0437	0.0375		17.2	20.0	-14.1	30.0
Chloromethane	Ave	0.2910	0.2837	0.1000	19.5	20.0	-2.5	30.0
Vinyl chloride	Ave	0.2439	0.2644	0.1000	21.7	20.0	8.4	30.0
Butadiene	Ave	0.2378	0.1925		16.2	20.0	-19.0	30.0
Bromomethane	Ave	0.1406	0.1516	0.1000	21.6	20.0	7.8	30.0
Chloroethane	Ave	0.1173	0.1332	0.1000	22.7	20.0	13.5	30.0
Dichlorofluoromethane	Ave	0.3788	0.4141		21.9	20.0	9.3	30.0
Trichlorofluoromethane	Ave	0.3275	0.3311	0.1000	20.2	20.0	1.1	30.0
Pentane	Ave	0.2815	0.2155		30.6	40.0	-23.4	30.0
Ethanol	Ave	0.0371	0.0637		1370	800	71.7*	30.0
Ethyl ether	Lin2		0.1284		19.2	20.0	-4.0	30.0
2-Methyl-1,3-butadiene	Ave	0.1644	0.1505		18.3	20.0	-8.4	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1575	0.1484		18.8	20.0	-5.8	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.2789	0.2592		18.6	20.0	-7.1	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1943	0.2037	0.1000	21.0	20.0	4.8	30.0
Acrolein	QuaF		1.516		27.8	39.5	-29.7	30.0
1,1-Dichloroethene	Ave	0.1665	0.1608	0.1000	19.3	20.0	-3.4	30.0
Acetone	Ave	0.5250	0.5394	0.0500	103	100	2.8	30.0
Iodomethane	Ave	0.1859	0.2163		23.3	20.0	16.4	30.0
Isopropyl alcohol	Ave	0.6171	0.9200		298	200	49.1*	30.0
Carbon disulfide	Ave	0.6806	0.7463	0.1000	21.9	20.0	9.7	30.0
3-Chloro-1-propene	Qua2		0.0780		15.5	20.0	-22.3	30.0
Methyl acetate	Ave	8.209	5.699	0.1000	27.8	40.0	-30.6*	30.0
Cyclopentene	Ave	0.3346	0.3023		18.1	20.0	-9.7	30.0
Acetonitrile	Ave	1.612	1.906		237	200	18.3	30.0
Methylene Chloride	QuaF		0.2057	0.1000	23.5	20.0	17.4	30.0
2-Methyl-2-propanol	Ave	0.8030	1.046		260	200	30.2*	30.0
Methyl tert-butyl ether	Ave	0.3633	0.3436	0.1000	18.9	20.0	-5.4	30.0
trans-1,2-Dichloroethene	Ave	0.1798	0.1842	0.1000	20.5	20.0	2.4	30.0
Acrylonitrile	Ave	3.987	3.977		200	200	-0.2	30.0
Hexane	Ave	0.1526	0.1488		19.5	20.0	-2.5	30.0
Isopropyl ether	Ave	0.4560	0.4665		20.5	20.0	2.3	30.0
1,1-Dichloroethane	Ave	0.3350	0.3823	0.2000	22.8	20.0	14.1	30.0
Vinyl acetate	Ave	0.2911	0.2035		28.0	40.0	-30.1*	30.0
2-Chloro-1,3-butadiene	Ave	0.1437	0.1657		23.1	20.0	15.3	30.0
Tert-butyl ethyl ether	Ave	0.5124	0.4401		17.2	20.0	-14.1	30.0
2,2-Dichloropropane	Ave	0.1223	0.1032		16.9	20.0	-15.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Lab Sample ID: ICV 460-964051/17 Calibration Date: 03/14/2024 18:04

Instrument ID: CVOAMS8 Calib Start Date: 03/14/2024 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/14/2024 17:38

Lab File ID: J02069.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2489	0.2351	0.1000	18.9	20.0	-5.5	30.0
2-Butanone (MEK)	Ave	0.1962	0.1872	0.0500	95.4	100	-4.6	30.0
Ethyl acetate	Lin2		0.1725		36.9	40.0	-7.7	30.0
Methyl acrylate	Ave	0.1492	0.1308		17.5	20.0	-12.3	30.0
Propionitrile	Ave	2.055	2.015		196	200	-1.9	30.0
Chlorobromomethane	Ave	0.1297	0.1256		19.4	20.0	-3.1	30.0
Tetrahydrofuran	Ave	0.2063	0.1964		38.1	40.0	-4.8	30.0
Methacrylonitrile	Ave	0.0729	0.0739		203	200	1.4	30.0
Chloroform	Ave	0.4298	0.4395	0.2000	20.5	20.0	2.3	30.0
Cyclohexane	Ave	0.2729	0.2553	0.1000	18.7	20.0	-6.5	30.0
1,1,1-Trichloroethane	Ave	0.3648	0.3469	0.1000	19.0	20.0	-4.9	30.0
Carbon tetrachloride	Ave	0.3060	0.2890	0.1000	18.9	20.0	-5.6	30.0
1,1-Dichloropropene	Ave	0.2909	0.2481		17.1	20.0	-14.7	30.0
Isobutyl alcohol	Ave	0.7234	0.8293		573	500	14.6	30.0
Isooctane	Ave	0.3529	0.4042		22.9	20.0	14.5	30.0
Benzene	Ave	1.143	0.9781	0.5000	17.1	20.0	-14.4	30.0
Isopropyl acetate	Ave	0.4674	0.4172		17.8	20.0	-10.8	30.0
Tert-amyl methyl ether	Qua2		0.1221		19.2	20.0	-3.8	30.0
1,2-Dichloroethane	Ave	0.3158	0.3032	0.1000	19.2	20.0	-4.0	30.0
n-Heptane	Ave	0.0816	0.0848		20.8	20.0	3.8	30.0
n-Butanol	Ave	0.2185	0.3136		718	500	43.5*	30.0
Trichloroethene	Ave	0.2287	0.2109	0.2000	18.4	20.0	-7.8	30.0
Methylcyclohexane	Ave	0.2465	0.2220	0.1000	18.0	20.0	-9.9	30.0
Ethyl acrylate	Ave	0.4000	0.3691		18.5	20.0	-7.7	30.0
1,2-Dichloropropane	Ave	0.2227	0.2055	0.1000	18.5	20.0	-7.7	30.0
Methyl methacrylate	Ave	0.0398	0.0373		37.5	40.0	-6.2	30.0
1,4-Dioxane	Ave	0.8239	1.291		627	400	56.6*	30.0
Dibromomethane	Ave	0.1646	0.1752		21.3	20.0	6.4	30.0
n-Propyl acetate	Ave	0.2192	0.2074		18.9	20.0	-5.3	30.0
Dichlorobromomethane	Ave	0.3199	0.3147	0.2000	19.7	20.0	-1.6	30.0
2-Nitropropane	Ave	4.029	2.940		29.2	40.0	-27.0	30.0
2-Chloroethyl vinyl ether	Ave	0.0656	0.0571		17.4	20.0	-12.8	30.0
Epichlorohydrin	Ave	0.1604	0.2478		30.9	20.0	54.5*	30.0
cis-1,3-Dichloropropene	Ave	0.4761	0.3600	0.2000	15.1	20.0	-24.4	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.611	1.738	0.0500	108	100	7.9	30.0
Toluene	Ave	1.129	0.9587	0.4000	17.0	20.0	-15.1	30.0
trans-1,3-Dichloropropene	Ave	0.4178	0.3386	0.1000	16.2	20.0	-19.0	30.0
Ethyl methacrylate	Ave	0.1878	0.1893		20.2	20.0	0.8	30.0
1,1,2-Trichloroethane	Ave	0.2297	0.1951	0.1000	17.0	20.0	-15.1	30.0
Tetrachloroethene	Ave	0.2956	0.2592	0.2000	17.5	20.0	-12.3	30.0
1,3-Dichloropropane	Ave	0.3937	0.3422		17.4	20.0	-13.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Lab Sample ID: ICV 460-964051/17 Calibration Date: 03/14/2024 18:04

Instrument ID: CVOAMS8 Calib Start Date: 03/14/2024 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/14/2024 17:38

Lab File ID: J02069.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.5822	0.6961	0.0500	120	100	19.6	30.0
n-Butyl acetate	Ave	0.3193	0.3207		20.1	20.0	0.4	30.0
Chlorodibromomethane	Ave	0.3253	0.2778	0.1000	17.1	20.0	-14.6	30.0
Ethylene Dibromide	Ave	0.2905	0.2546	0.1000	17.5	20.0	-12.4	30.0
Chlorobenzene	Ave	0.7477	0.7136	0.5000	19.1	20.0	-4.6	30.0
Ethylbenzene	Ave	0.3547	0.3406	0.1000	19.2	20.0	-4.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2741	0.2328		17.0	20.0	-15.1	30.0
m-Xylene & p-Xylene	Ave	0.4300	0.4085	0.1000	19.0	20.0	-5.0	30.0
o-Xylene	Ave	0.4254	0.3963	0.3000	18.6	20.0	-6.9	30.0
n-Butyl acrylate	Ave	0.1637	0.1686		20.6	20.0	3.0	30.0
Styrene	Ave	0.7144	0.7036	0.3000	19.7	20.0	-1.5	30.0
Bromoform	Ave	0.2230	0.2063	0.1000	18.5	20.0	-7.5	30.0
Amyl acetate (mixed isomers)	Ave	0.6733	0.7058		21.0	20.0	4.8	30.0
Isopropylbenzene	Ave	0.9940	1.004	0.1000	20.2	20.0	1.0	30.0
Bromobenzene	Ave	0.6315	0.5819		18.4	20.0	-7.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6215	0.5554	0.3000	17.9	20.0	-10.6	30.0
N-Propylbenzene	Ave	2.206	2.094		19.0	20.0	-5.1	30.0
1,2,3-Trichloropropane	Ave	0.1621	0.1431		17.6	20.0	-11.8	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1680	0.1408		16.8	20.0	-16.2	30.0
2-Chlorotoluene	Ave	1.585	1.621		20.4	20.0	2.2	30.0
4-Ethyltoluene	Ave	1.818	1.863		20.5	20.0	2.5	30.0
1,3,5-Trimethylbenzene	Ave	1.510	1.488		19.7	20.0	-1.5	30.0
4-Chlorotoluene	Ave	1.545	1.480		19.2	20.0	-4.2	30.0
Butyl Methacrylate	Ave	0.4982	0.5187		20.8	20.0	4.1	30.0
tert-Butylbenzene	Ave	1.239	1.209		19.5	20.0	-2.5	30.0
1,2,4-Trimethylbenzene	Ave	1.606	1.518		18.9	20.0	-5.5	30.0
sec-Butylbenzene	Ave	1.732	1.729		20.0	20.0	-0.2	30.0
1,3-Dichlorobenzene	Ave	1.075	1.039	0.6000	19.3	20.0	-3.4	30.0
4-Isopropyltoluene	Ave	1.486	1.455		19.6	20.0	-2.1	30.0
1,4-Dichlorobenzene	Ave	1.159	1.103	0.5000	19.0	20.0	-4.8	30.0
1,2,3-Trimethylbenzene	Ave	1.730	1.673		19.3	20.0	-3.3	30.0
Benzyl chloride	Ave	1.019	0.8342		16.4	20.0	-18.1	30.0
Indan	Ave	1.738	1.783		20.5	20.0	2.6	30.0
p-Diethylbenzene	Ave	0.9088	0.9153		20.1	20.0	0.7	30.0
n-Butylbenzene	Ave	0.7587	0.7773		20.5	20.0	2.4	30.0
1,2-Dichlorobenzene	Ave	1.060	1.043	0.4000	19.7	20.0	-1.5	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.358	1.471		21.7	20.0	8.3	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1331	0.1356	0.0500	20.4	20.0	1.8	30.0
1,3,5-Trichlorobenzene	Ave	0.7242	0.7484		20.7	20.0	3.3	30.0
1,2,4-Trichlorobenzene	Ave	0.6642	0.7105	0.2000	21.4	20.0	7.0	30.0
Hexachlorobutadiene	Ave	0.2581	0.2864		22.2	20.0	11.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Lab Sample ID: ICV 460-964051/17 Calibration Date: 03/14/2024 18:04

Instrument ID: CVOAMS8 Calib Start Date: 03/14/2024 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/14/2024 17:38

Lab File ID: J02069.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.537	1.890		24.6	20.0	23.0	30.0
1,2,3-Trichlorobenzene	Ave	0.6072	0.7142		23.5	20.0	17.6	30.0
Dibromofluoromethane (Surr)	Ave	0.2662	0.2489		46.7	50.0	-6.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2652	0.2411		45.5	50.0	-9.1	30.0
Toluene-d8 (Surr)	Ave	1.031	0.8541		41.4	50.0	-17.2	30.0
4-Bromofluorobenzene	Ave	0.3787	0.3353		44.3	50.0	-11.5	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02069.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 14-Mar-2024 18:04:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0173383-017
Operator ID: Instrument ID: CVOAMS8
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2024 20:30:53 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: RD6L Date: 15-Mar-2024 08:00:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.118	1.121	-0.003	93	4382	20.0	27.8	
4 Dichlorodifluoromethane	85	1.143	1.145	-0.002	100	53288	20.0	15.6	
5 Chlorodifluoromethane	67	1.161	1.157	0.004	99	8964	20.0	17.2	
6 Chloromethane	50	1.264	1.267	-0.003	100	67733	20.0	19.5	
7 Vinyl chloride	62	1.331	1.328	0.003	99	63131	20.0	21.7	
8 Butadiene	54	1.344	1.340	0.004	96	45962	20.0	16.2	
9 Bromomethane	94	1.538	1.534	0.004	99	36192	20.0	21.6	
10 Chloroethane	64	1.593	1.589	0.004	99	31802	20.0	22.7	
12 Dichlorofluoromethane	67	1.709	1.711	-0.002	99	98880	20.0	21.9	
11 Trichlorofluoromethane	101	1.721	1.717	0.004	99	79065	20.0	20.2	
13 Pentane	43	1.751	1.747	0.004	94	102926	40.0	30.6	
14 Ethanol	46	1.849	1.845	0.003	97	8839	800.0	1373.7	
15 Ethyl ether	59	1.885	1.887	-0.002	97	30665	20.0	19.2	
16 2-Methyl-1,3-butadiene	53	1.903	1.899	0.004	98	35940	20.0	18.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.915	1.912	0.003	93	35440	20.0	18.8	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.952	1.948	0.004	98	61896	20.0	18.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.013	2.009	0.004	97	48627	20.0	21.0	
19 Acrolein	56	2.019	2.015	0.004	55	10385	39.5	27.8	
21 1,1-Dichloroethene	96	2.043	2.039	0.004	99	38398	20.0	19.3	
22 Acetone	43	2.104	2.100	0.004	86	58796	100.0	102.8	
23 Iodomethane	142	2.159	2.155	0.004	98	51642	20.0	23.3	
25 Isopropyl alcohol	45	2.165	2.161	0.004	65	31920	200.0	298.2	
24 Carbon disulfide	76	2.189	2.185	0.004	100	178203	20.0	21.9	
26 3-Chloro-1-propene	76	2.280	2.277	0.003	93	18628	20.0	15.5	
28 Methyl acetate	43	2.287	2.283	0.003	98	39541	40.0	27.8	
27 Cyclopentene	67	2.299	2.295	0.004	95	72170	20.0	18.1	
29 Acetonitrile	41	2.329	2.325	0.004	99	66143	200.0	236.5	
* 30 TBA-d9 (IS)	65	2.360	2.362	-0.002	76	173471	1000.0	1000.0	
31 Methylene Chloride	84	2.384	2.380	0.004	94	49124	20.0	23.5	
32 2-Methyl-2-propanol	59	2.420	2.416	0.004	98	36282	200.0	260.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.499	2.502	-0.003	97	82042	20.0	18.9	
34 trans-1,2-Dichloroethene	96	2.530	2.526	0.004	96	43971	20.0	20.5	
35 Acrylonitrile	53	2.585	2.581	0.004	91	137971	200.0	199.5	
36 Hexane	57	2.652	2.648	0.004	90	35539	20.0	19.5	
37 Isopropyl ether	45	2.816	2.818	-0.002	99	111387	20.0	20.5	
38 1,1-Dichloroethane	63	2.852	2.848	0.004	99	91291	20.0	22.8	
39 Vinyl acetate	43	2.864	2.854	0.010	100	97199	40.0	28.0	
40 2-Chloro-1,3-butadiene	88	2.895	2.891	0.004	91	39554	20.0	23.1	
41 Tert-butyl ethyl ether	59	3.090	3.086	0.004	88	105078	20.0	17.2	
* 43 2-Butanone-d5	46	3.266	3.262	0.004	97	272503	250.0	250.0	
42 2,2-Dichloropropane	79	3.272	3.274	-0.002	66	24639	20.0	16.9	
44 cis-1,2-Dichloroethene	96	3.296	3.299	-0.003	97	56147	20.0	18.9	
45 Ethyl acetate	70	3.321	3.311	0.010	96	7519	40.0	36.9	
46 2-Butanone (MEK)	72	3.315	3.311	0.004	96	20402	100.0	95.4	
47 Methyl acrylate	55	3.363	3.359	0.004	99	31231	20.0	17.5	
48 Propionitrile	54	3.430	3.426	0.004	97	69904	200.0	196.1	
50 Chlorobromomethane	128	3.497	3.493	0.004	91	29989	20.0	19.4	
49 Tetrahydrofuran	72	3.497	3.505	-0.008	58	8563	40.0	38.1	
51 Methacrylonitrile	67	3.521	3.518	0.003	94	176513	200.0	202.8	
52 Chloroform	83	3.546	3.542	0.004	98	104950	20.0	20.5	
53 Cyclohexane	84	3.661	3.657	0.004	93	60963	20.0	18.7	
54 1,1,1-Trichloroethane	97	3.667	3.670	-0.003	98	82839	20.0	19.0	
$ 55 Dibromofluoromethane (Surr)	113	3.692	3.688	0.004	95	148577	50.0	46.7	
56 Carbon tetrachloride	117	3.783	3.779	0.004	99	69000	20.0	18.9	
57 1,1-Dichloropropene	75	3.813	3.810	0.003	96	59244	20.0	17.1	
58 Isobutyl alcohol	43	3.941	3.943	-0.002	94	71929	500.0	573.2	
59 Isooctane	57	3.966	3.962	0.004	96	96503	20.0	22.9	a
60 Benzene	78	3.996	3.998	-0.002	97	197685	20.0	17.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.014	4.016	-0.002	0	143923	50.0	45.5	
62 Isopropyl acetate	43	4.057	4.053	0.004	91	99612	20.0	17.8	
63 Tert-amyl methyl ether	55	4.057	4.059	-0.002	80	29147	20.0	19.2	a
64 1,2-Dichloroethane	62	4.087	4.083	0.004	97	72388	20.0	19.2	
65 n-Heptane	57	4.148	4.144	0.004	96	20243	20.0	20.8	
* 66 Fluorobenzene	96	4.276	4.272	0.004	99	596937	50.0	50.0	
67 n-Butanol	56	4.610	4.600	0.010	94	27202	500.0	717.5	
68 Trichloroethene	95	4.623	4.619	0.004	98	50353	20.0	18.4	
69 Methylcyclohexane	83	4.738	4.740	-0.002	92	53010	20.0	18.0	
70 Ethyl acrylate	55	4.750	4.746	0.004	97	88128	20.0	18.5	
71 1,2-Dichloropropane	63	4.902	4.905	-0.003	90	49070	20.0	18.5	
* 72 1,4-Dioxane-d8	96	4.981	4.978	0.003	0	29269	1000.0	1000.0	
73 Methyl methacrylate	100	5.000	4.996	0.004	91	17800	40.0	37.5	
75 1,4-Dioxane	88	5.030	5.026	0.004	53	15110	400.0	626.6	
74 Dibromomethane	93	5.042	5.045	-0.002	95	41823	20.0	21.3	
76 n-Propyl acetate	43	5.061	5.063	-0.002	98	49533	20.0	18.9	
77 Dichlorobromomethane	83	5.200	5.203	-0.003	99	75136	20.0	19.7	
78 2-Nitropropane	41	5.553	5.543	0.010	93	20403	40.0	29.2	
79 2-Chloroethyl vinyl ether	63	5.565	5.562	0.003	88	13642	20.0	17.4	
80 Epichlorohydrin	57	5.681	5.665	0.016	90	5402	20.0	30.9	
81 cis-1,3-Dichloropropene	75	5.730	5.720	0.010	93	72765	20.0	15.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.906	5.902	0.004	98	189444	100.0	107.9	
$ 83 Toluene-d8 (Surr)	98	5.979	5.975	0.004	99	431542	50.0	41.4	
84 Toluene	91	6.064	6.054	0.010	93	193757	20.0	17.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.460	6.462	-0.002	98	68424	20.0	16.2	
86 Ethyl methacrylate	69	6.508	6.505	0.003	91	45200	20.0	20.2	
87 1,1,2-Trichloroethane	83	6.691	6.687	0.004	96	39440	20.0	17.0	
88 Tetrachloroethene	166	6.727	6.724	0.003	98	52376	20.0	17.5	
89 1,3-Dichloropropane	76	6.922	6.918	0.004	96	69170	20.0	17.4	
90 2-Hexanone	58	7.013	7.009	0.004	99	75875	100.0	119.6	
91 n-Butyl acetate	43	7.165	7.155	0.010	97	64819	20.0	20.1	
92 Chlorodibromomethane	129	7.178	7.168	0.010	98	56154	20.0	17.1	
93 Ethylene Dibromide	107	7.336	7.332	0.004	98	51450	20.0	17.5	
* 94 Chlorobenzene-d5	117	7.932	7.928	0.004	85	505263	50.0	50.0	
95 Chlorobenzene	112	7.968	7.965	0.003	96	144214	20.0	19.1	
96 Ethylbenzene	106	8.078	8.080	-0.002	99	68837	20.0	19.2	
97 1,1,1,2-Tetrachloroethane	131	8.096	8.092	0.004	95	47040	20.0	17.0	
98 m-Xylene & p-Xylene	106	8.236	8.232	0.004	0	82568	20.0	19.0	
99 o-Xylene	106	8.692	8.689	0.004	94	80086	20.0	18.6	
100 n-Butyl acrylate	73	8.711	8.707	0.004	97	34078	20.0	20.6	
101 Styrene	104	8.723	8.725	-0.002	97	142200	20.0	19.7	
103 Bromoform	173	8.942	8.938	0.004	96	41692	20.0	18.5	
102 Amyl acetate (mixed isomers)	43	8.960	8.956	0.004	87	80091	20.0	21.0	
104 Isopropylbenzene	105	9.076	9.072	0.004	96	202954	20.0	20.2	
$ 105 4-Bromofluorobenzene	174	9.276	9.273	0.003	96	169397	50.0	44.3	
106 Bromobenzene	156	9.398	9.400	-0.002	93	66028	20.0	18.4	
107 1,1,2,2-Tetrachloroethane	83	9.471	9.473	-0.002	98	63028	20.0	17.9	
108 N-Propylbenzene	91	9.489	9.485	0.004	99	237583	20.0	19.0	
109 1,2,3-Trichloropropane	110	9.508	9.510	-0.002	97	16238	20.0	17.6	a
110 trans-1,4-Dichloro-2-butene	53	9.538	9.534	0.004	81	15983	20.0	16.8	a
111 2-Chlorotoluene	91	9.581	9.583	-0.002	97	183908	20.0	20.4	
112 4-Ethyltoluene	105	9.599	9.595	0.004	98	211438	20.0	20.5	
113 1,3,5-Trimethylbenzene	105	9.666	9.668	-0.002	93	168864	20.0	19.7	
114 4-Chlorotoluene	91	9.696	9.692	0.004	98	167962	20.0	19.2	
115 Butyl Methacrylate	87	9.781	9.784	-0.003	95	58857	20.0	20.8	
116 tert-Butylbenzene	119	9.946	9.942	0.004	94	137157	20.0	19.5	
117 1,2,4-Trimethylbenzene	105	10.006	10.003	0.003	98	172208	20.0	18.9	
118 sec-Butylbenzene	105	10.140	10.142	-0.002	99	196214	20.0	20.0	
120 1,3-Dichlorobenzene	146	10.268	10.264	0.004	97	117897	20.0	19.3	
119 4-Isopropyltoluene	119	10.274	10.270	0.004	97	165057	20.0	19.6	
* 121 1,4-Dichlorobenzene-d4	152	10.329	10.331	-0.002	96	283696	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.353	10.349	0.004	96	125172	20.0	19.0	
123 1,2,3-Trimethylbenzene	105	10.371	10.374	-0.003	98	189821	20.0	19.3	
124 Benzyl chloride	91	10.481	10.477	0.004	98	94669	20.0	16.4	a
125 2,3-Dihydroindene	117	10.536	10.532	0.004	94	202375	20.0	20.5	
126 p-Diethylbenzene	119	10.597	10.593	0.004	92	103862	20.0	20.1	
127 n-Butylbenzene	92	10.615	10.617	-0.002	97	88202	20.0	20.5	
128 1,2-Dichlorobenzene	146	10.663	10.660	0.003	97	118410	20.0	19.7	a
129 1,2,4,5-Tetramethylbenzene	119	11.223	11.219	0.004	98	166974	20.0	21.7	
130 1,2-Dibromo-3-Chloropropane	157	11.302	11.298	0.004	94	15384	20.0	20.4	
131 1,3,5-Trichlorobenzene	180	11.412	11.408	0.004	97	84930	20.0	20.7	
132 1,2,4-Trichlorobenzene	180	11.892	11.888	0.004	95	80631	20.0	21.4	
133 Hexachlorobutadiene	225	11.971	11.968	0.003	96	32497	20.0	22.2	
134 Naphthalene	128	12.075	12.071	0.004	99	214522	20.0	24.6	
135 1,2,3-Trichlorobenzene	180	12.245	12.247	-0.002	95	81042	20.0	23.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	37.6	
S 138 Total BTEX	1				0		100.0	90.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260 SP_00177	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00162	Amount Added: 4.00	Units: uL	
7 Freons SS_00011	Amount Added: 20.00	Units: uL	
GAS C SP_00558	Amount Added: 20.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2024 20:30:55 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02069.D

Injection Date: 14-Mar-2024 18:04:30 Instrument ID: CVOAMS8 Operator ID:

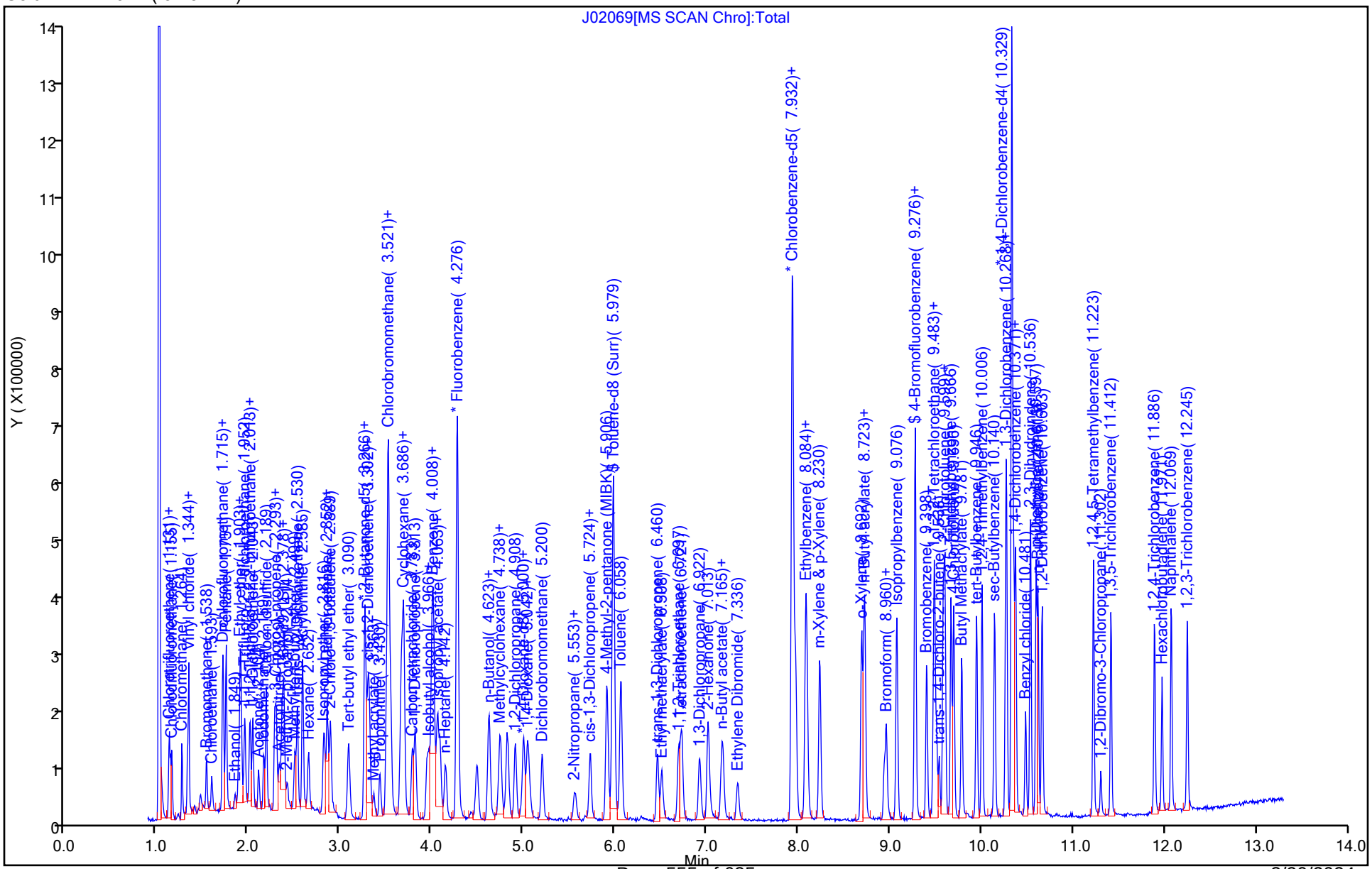
Lims ID: ICV Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)


J02069[MS SCAN Chro]:Total
Y (X100000)
Min
* Chlorobenzene-d5(7.932)+
Ethylbenzene(8.084)+
m-Xylene & p-Xylene(8.230)
* Fluorobenzene(4.276)
Chlorobromomethane(3.521)+
$ Toluene-d8 (Surr)(5.979)
4-Methyl-2-pentanone (MIBK)(5.906)
Toluene(6.058)
Dichlorobromomethane(5.200)
2-Nitropropane(5.553)+
cis-1,3-Dichloropropene(5.724)+
n-Butanol(4.623)+
Methylcyclohexane(4.738)+
Cyclohexane(3.686)+
n-Heptane(4.008)+
Bromoform(8.960)+
Isopropylbenzene(9.076)
$ 4-Bromofluorobenzene(9.276)+
Bromobenzene(9.398)
trans-1,4-Dichloro-2-butene(9.483)+
n-Butylbenzene(9.946)
sec-Butylbenzene(10.140)
1,3-Dichlorobenzene(10.006)
1,4-Dichlorobenzene(10.268)+
1,4-Dichlorobenzene-d4(10.329)
1,2-Dichlorobenzene(10.481)
Benzyl chloride(10.536)
1,2,4,5-Tetramethylbenzene(11.223)
1,3,5-Trichlorobenzene(11.412)
1,2-Dibromo-3-Chloropropane(11.502)
Hexachlorobutadiene(11.886)
Naphthalene(12.069)
1,2,3-Trichlorobenzene(12.245)
n-Butyl acetate(7.165)+
Ethylene Dibromide(7.336)
Dibromofluoromethane(2.530)
Ethanol(1.849)
Vinyl chloride(1.344)+
Chloromethane(1.264)
Dichlorodifluoromethane(1.153)
Hexane(2.652)
Tert-butyl ethyl ether(3.090)
Methyl acetate(3.430)
Isobutyl alcohol(3.966)
Carbon tetrachloride(3.813)
Tetrachloroethene(6.460)
1,3-Dichloropropane(6.922)
2-Hexanone(7.013)
Chloroform(2.189)
Carbon Disulfide(2.189)
Dichlorofluoromethane(1.715)+
Bromomethane(1.538)
Chloroethane(1.344)+
Trichlorofluoromethane(1.849)
Acetone(2.189)
Iodomethane(2.189)
Acrylonitrile(2.189)
Dibromomethane(2.816)
Isopropyl ether(2.816)
Tert-butyl alcohol(2.816)
Acrolein(2.816)
Allyl chloride(2.816)
Pentane(2.816)
Propionitrile(2.816)
Methacrylonitrile(2.816)
Methyl tert-butyl ether(2.816)
Methyl methacrylate(2.816)
Ethyl methacrylate(2.816)
Tetrahydrofuran(2.816)
Dibromochloromethane(5.326)+
1,1,1,2-Tetrachloroethane(6.097)
Ethyl methacrylate(6.097)
trans-1,3-Dichloropropene(6.460)
1,1,2-Trichloroethane(6.697)
Chlorobenzene(6.922)
1,2-Dichloropropane(6.013)
Dibromomethane(6.042)
1,4-Dioxane(6.042)
1,1-Dichloropropene(6.108)
Bromochloromethane(5.200)
Chloroacetonitrile(5.200)
Dichlorobromomethane(5.200)
Tetrachloroethene(6.460)
Ethyl ether(6.460)
Trans-1,2-Dichloroethene(6.460)
Methylene chloride(3.966)
Cyclohexane(3.966)
Isobutyl alcohol(3.966)
Carbon tetrachloride(3.966)
Tetrachloroethene(3.966)
Ethyl ether(3.966)
Trans-1,2-Dichloroethene(3.966

Manual Integration/User Assign Peak Report

Eurofins Edison

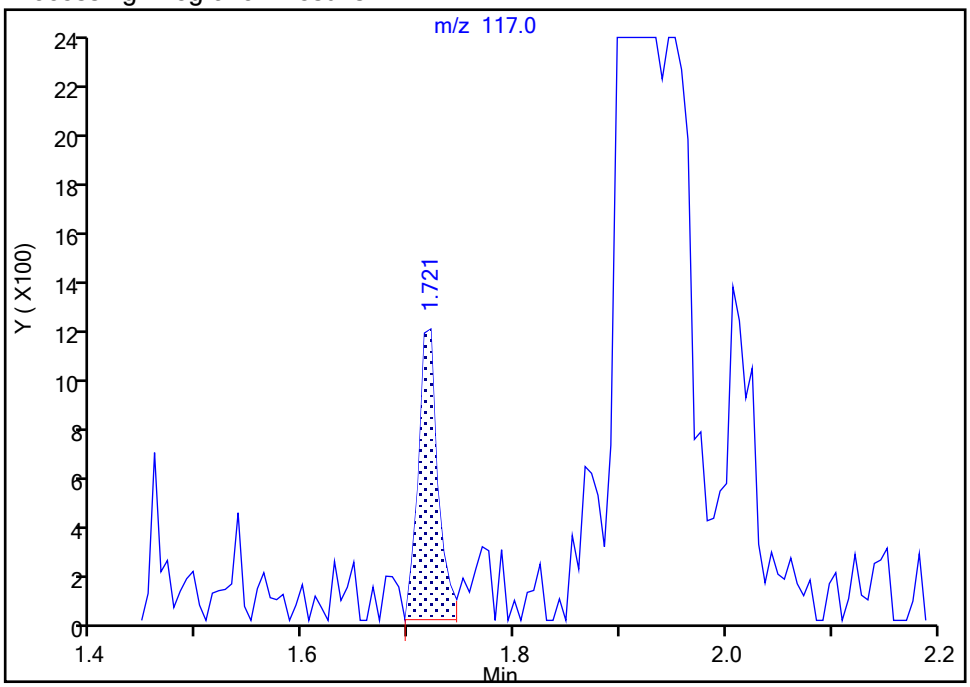
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02069.D
Injection Date: 14-Mar-2024 18:04:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

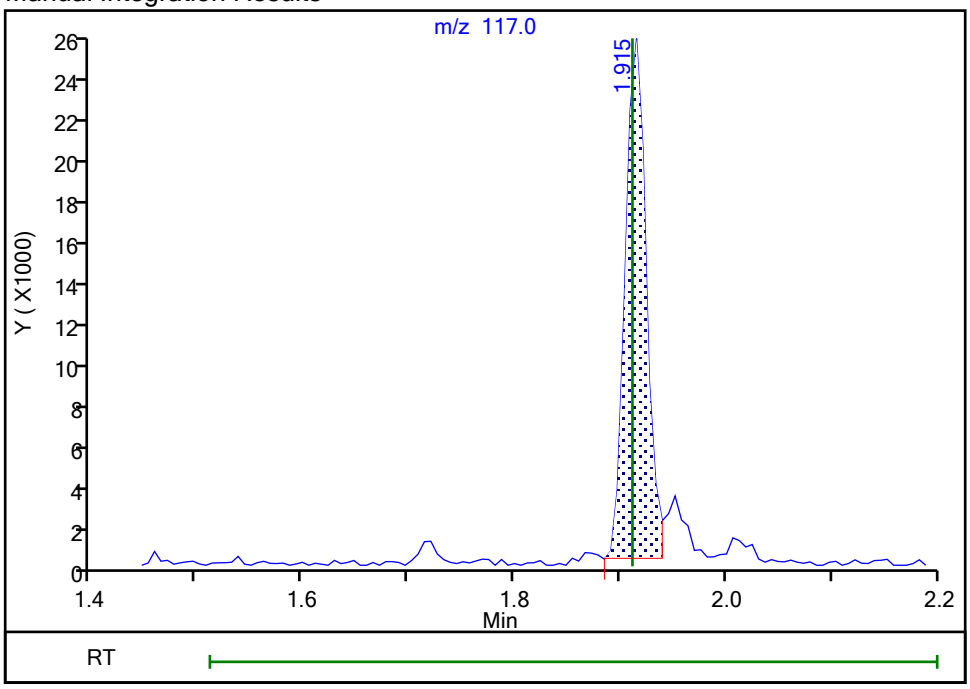
Processing Integration Results

RT: 1.72
Area: 1512
Amount: 0.846885
Amount Units: ug/l



Manual Integration Results

RT: 1.92
Area: 35440
Amount: 18.841603
Amount Units: ug/l



Reviewer: RD6L, 15-Mar-2024 07:56:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

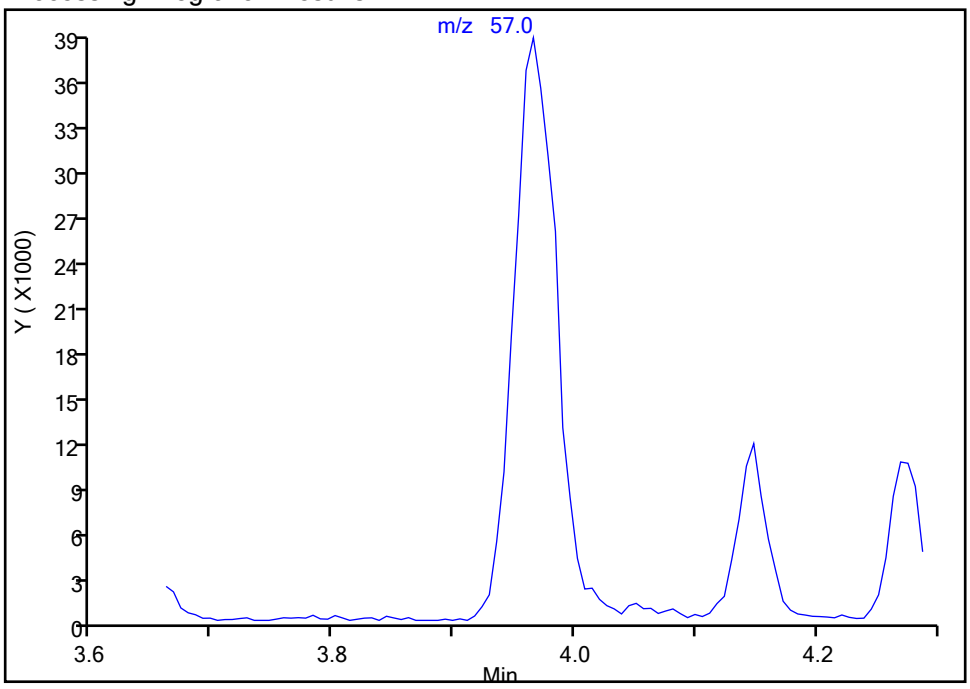
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02069.D
Injection Date: 14-Mar-2024 18:04:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Signal: 1

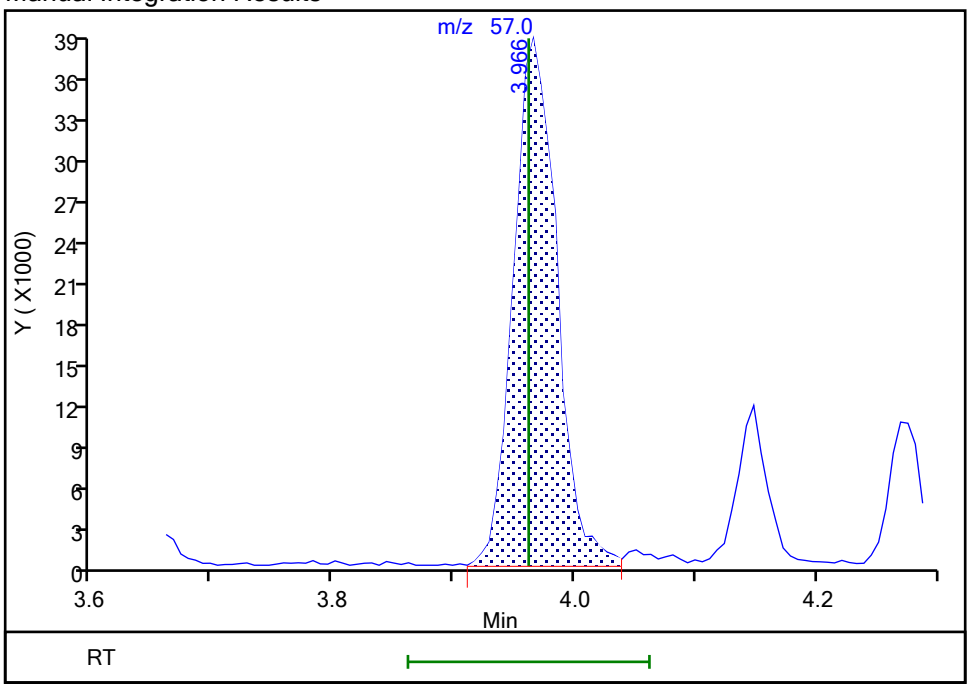
Not Detected
Expected RT: 3.96

Processing Integration Results



Manual Integration Results

RT: 3.97
Area: 96503
Amount: 22.906504
Amount Units: ug/l



Reviewer: RD6L, 15-Mar-2024 07:55:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

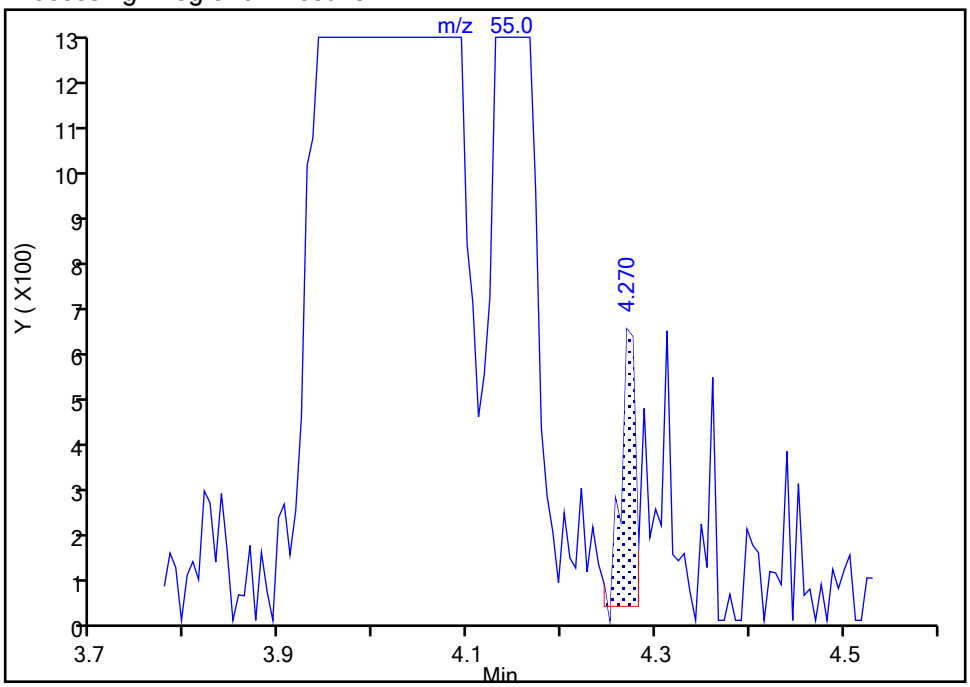
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02069.D
Injection Date: 14-Mar-2024 18:04:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

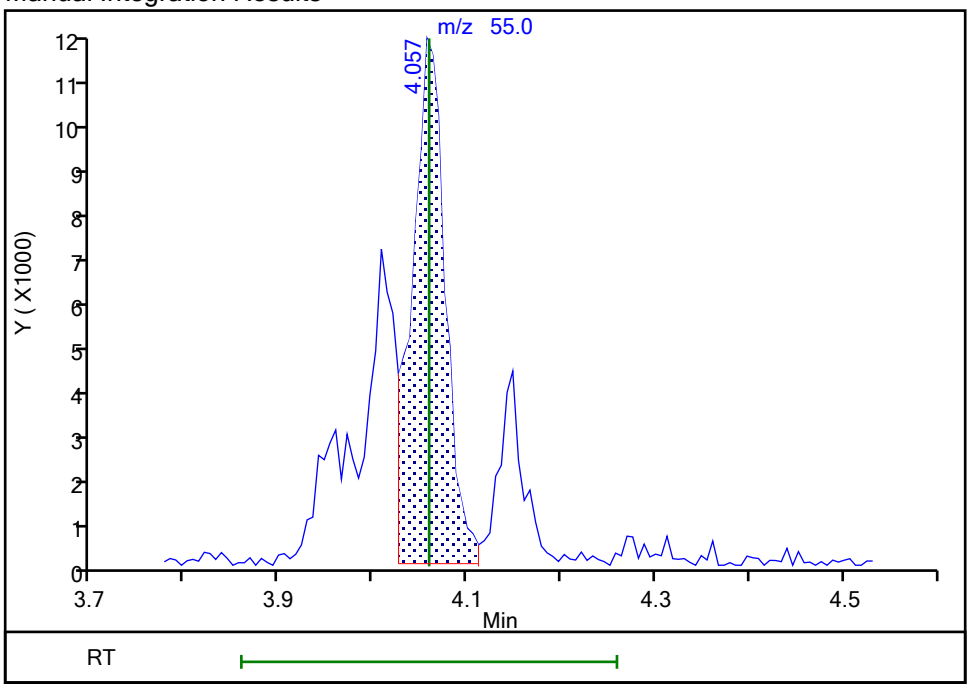
Processing Integration Results

RT: 4.27
Area: 644
Amount: 0.507685
Amount Units: ug/l



Manual Integration Results

RT: 4.06
Area: 29147
Amount: 19.230571
Amount Units: ug/l



Reviewer: RD6L, 15-Mar-2024 07:59:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

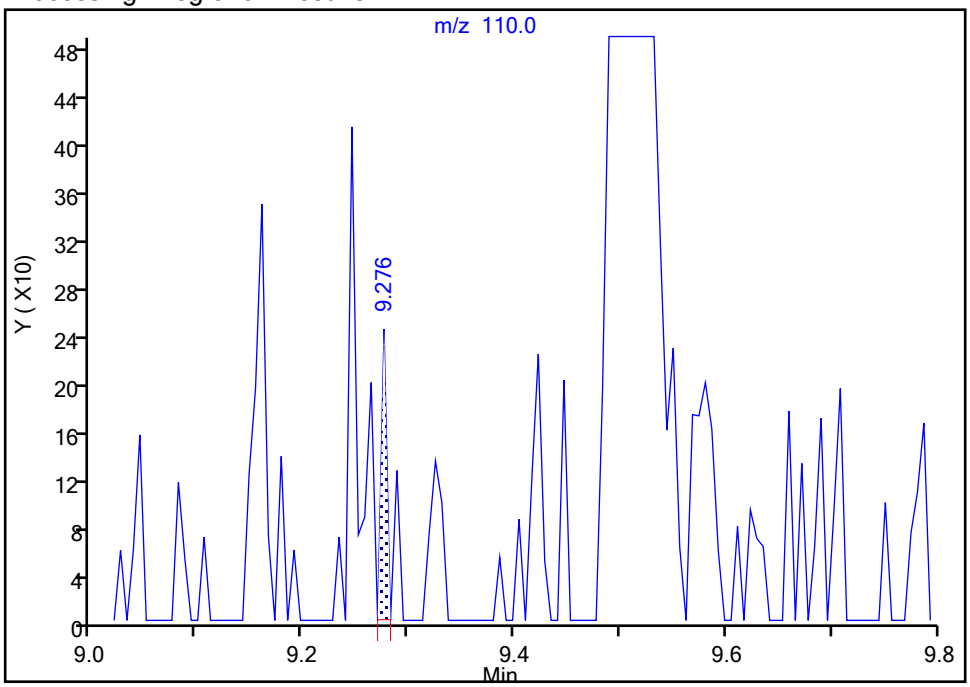
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02069.D
Injection Date: 14-Mar-2024 18:04:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

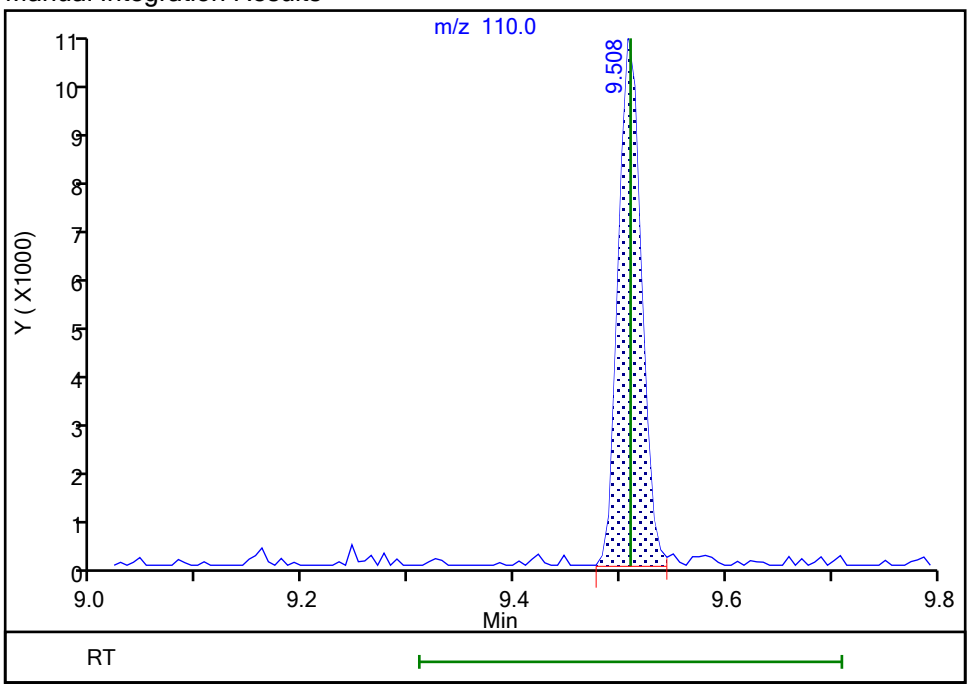
Processing Integration Results

RT: 9.28
Area: 90
Amount: 0.097825
Amount Units: ug/l



Manual Integration Results

RT: 9.51
Area: 16238
Amount: 17.649846
Amount Units: ug/l



Reviewer: RD6L, 15-Mar-2024 07:55:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

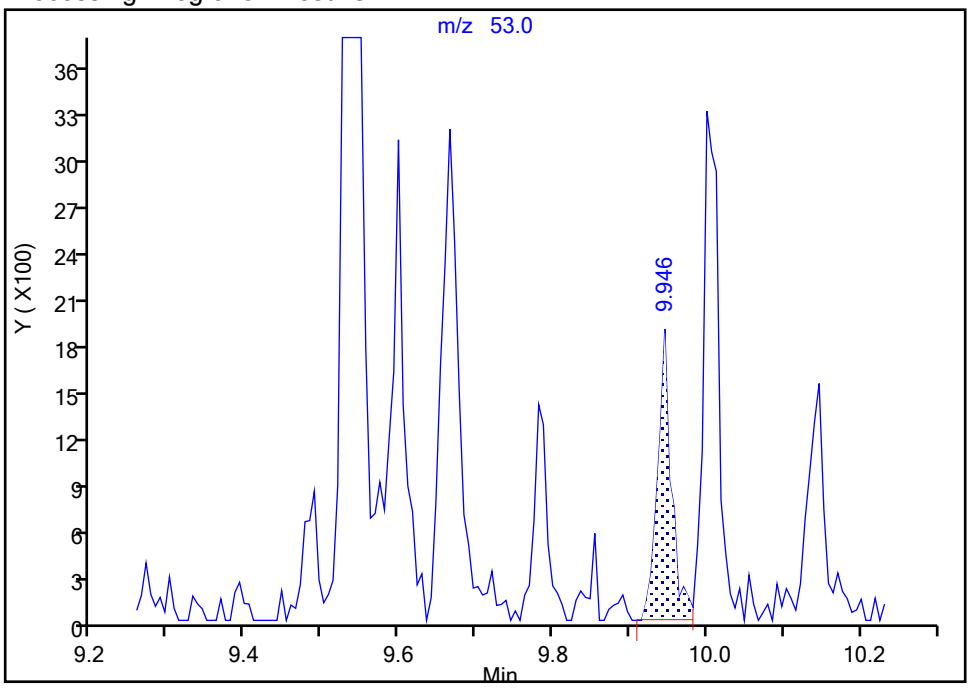
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02069.D
Injection Date: 14-Mar-2024 18:04:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

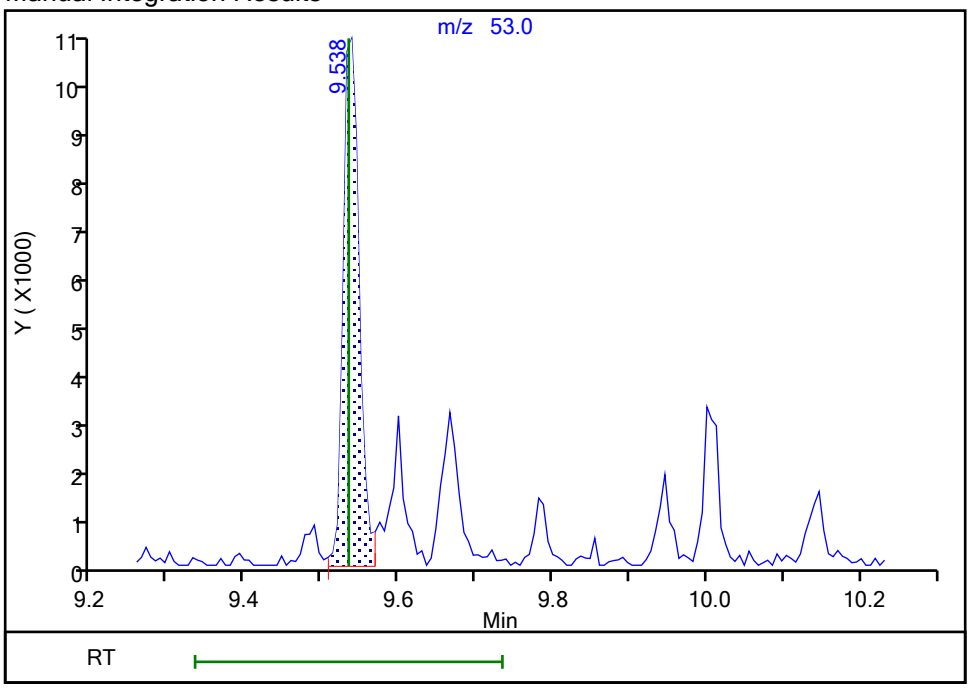
Processing Integration Results

RT: 9.95
Area: 2349
Amount: 2.464276
Amount Units: ug/l



Manual Integration Results

RT: 9.54
Area: 15983
Amount: 16.767360
Amount Units: ug/l



Reviewer: RD6L, 15-Mar-2024 07:55:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

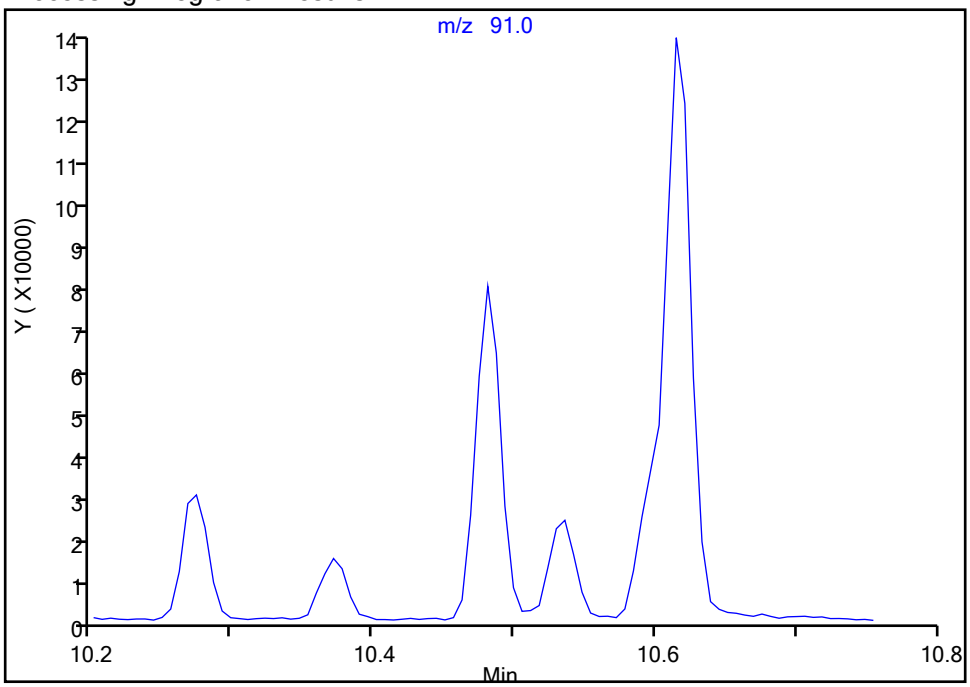
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02069.D
Injection Date: 14-Mar-2024 18:04:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Signal: 1

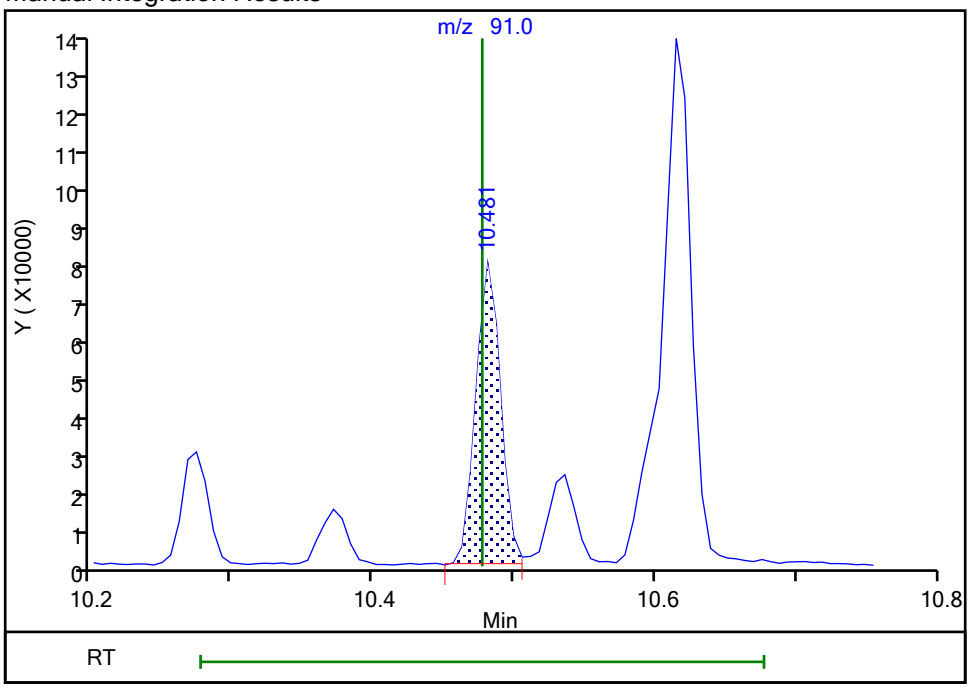
Not Detected
Expected RT: 10.48

Processing Integration Results



Manual Integration Results

RT: 10.48
Area: 94669
Amount: 16.377391
Amount Units: ug/l



Reviewer: RD6L, 15-Mar-2024 07:53:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

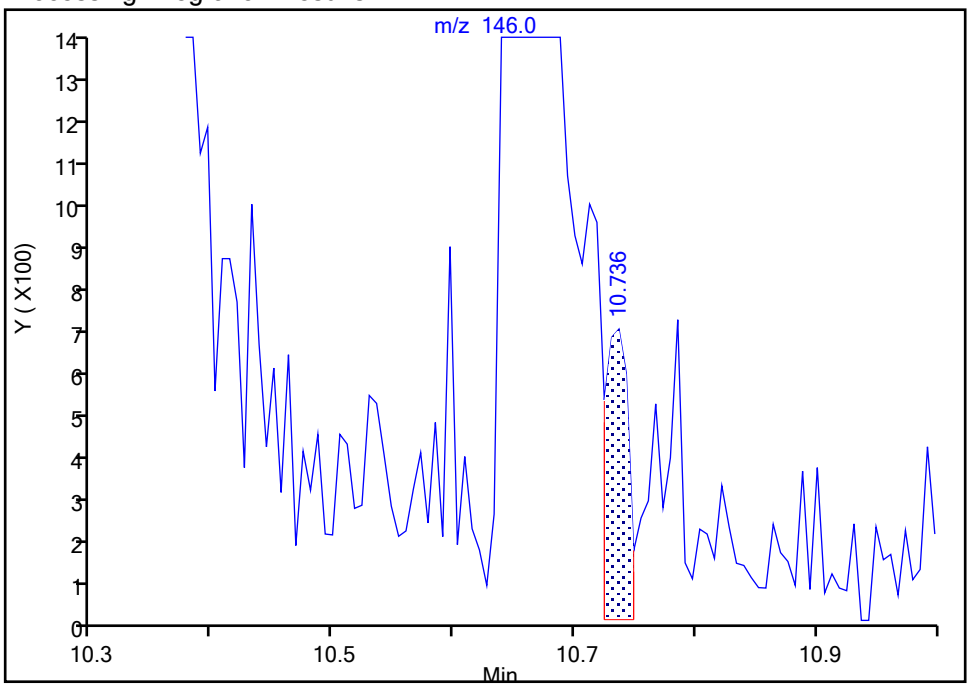
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02069.D
Injection Date: 14-Mar-2024 18:04:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

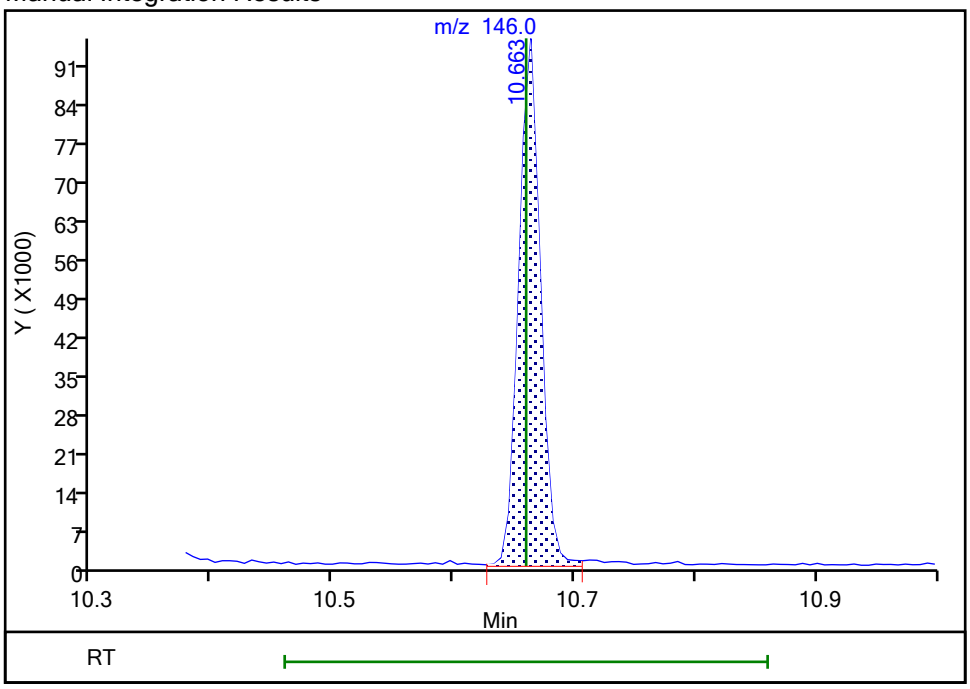
Processing Integration Results

RT: 10.74
Area: 916
Amount: 0.152373
Amount Units: ug/l



Manual Integration Results

RT: 10.66
Area: 118410
Amount: 19.697049
Amount Units: ug/l



Reviewer: RD6L, 15-Mar-2024 07:53:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Lab Sample ID: CCVIS 460-964707/3 Calibration Date: 03/18/2024 20:54

Instrument ID: CVOAMS8 Calib Start Date: 03/14/2024 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/14/2024 17:38

Lab File ID: J02161.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.0076		11.6	20.0	-42.2*	20.0
Dichlorodifluoromethane	Ave	0.2869	0.2526	0.1000	17.6	20.0	-11.9	20.0
Chlorodifluoromethane	Ave	0.0437	0.0300		13.7	20.0	-31.3*	20.0
Chloromethane	Ave	0.2910	0.2937	0.1000	20.2	20.0	0.9	20.0
Vinyl chloride	Ave	0.2439	0.2687	0.1000	22.0	20.0	10.2	20.0
Butadiene	Ave	0.2378	0.2427		20.4	20.0	2.1	20.0
Bromomethane	Ave	0.1406	0.1516	0.1000	21.6	20.0	7.9	50.0
Chloroethane	Ave	0.1173	0.1395	0.1000	23.8	20.0	18.9	50.0
Dichlorofluoromethane	Ave	0.3788	0.4312		22.8	20.0	13.8	20.0
Trichlorofluoromethane	Ave	0.3275	0.3456	0.1000	21.1	20.0	5.5	20.0
Pentane	Ave	0.2815	0.2523		35.8	40.0	-10.4	20.0
Ethanol	Ave	0.0371	0.0456		983	800	22.8	50.0
Ethyl ether	Lin2		0.1571		23.6	20.0	18.0	20.0
2-Methyl-1,3-butadiene	Ave	0.1644	0.1694		20.6	20.0	3.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1575	0.1652		21.0	20.0	4.9	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.2789	0.2963		21.2	20.0	6.2	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1943	0.2195	0.1000	22.6	20.0	13.0	20.0
Acrolein	QuaF		1.407		26.1	40.0	-34.8	50.0
1,1-Dichloroethene	Ave	0.1665	0.1799	0.1000	21.6	20.0	8.1	20.0
Acetone	Ave	0.5250	0.5268	0.0500	100	100	0.4	50.0
Iodomethane	Ave	0.1859	0.2093		22.5	20.0	12.6	20.0
Isopropyl alcohol	Ave	0.6171	0.5914		192	200	-4.2	50.0
Carbon disulfide	Ave	0.6806	0.5893	0.1000	17.3	20.0	-13.4	50.0
3-Chloro-1-propene	Qua2		0.0911		18.3	20.0	-8.7	20.0
Methyl acetate	Ave	8.209	5.591	0.1000	27.2	40.0	-31.9*	20.0
Cyclopentene	Ave	0.3346	0.3011		18.0	20.0	-10.0	20.0
Acetonitrile	Ave	1.612	1.355		168	200	-16.0	20.0
Methylene Chloride	QuaF		0.1955	0.1000	22.3	20.0	11.5	20.0
2-Methyl-2-propanol	Ave	0.8030	0.8243		205	200	2.6	50.0
Methyl tert-butyl ether	Ave	0.3633	0.3829	0.1000	21.1	20.0	5.4	20.0
trans-1,2-Dichloroethene	Ave	0.1798	0.1869	0.1000	20.8	20.0	4.0	20.0
Acrylonitrile	Ave	3.987	3.573		179	200	-10.4	20.0
Hexane	Ave	0.1526	0.1144		15.0	20.0	-25.0*	20.0
Isopropyl ether	Ave	0.4560	0.4977		21.8	20.0	9.1	20.0
1,1-Dichloroethane	Ave	0.3350	0.4259	0.2000	25.4	20.0	27.1*	20.0
Vinyl acetate	Ave	0.2911	0.3942		54.2	40.0	35.4*	20.0
2-Chloro-1,3-butadiene	Ave	0.1437	0.1736		24.2	20.0	20.8*	20.0
Tert-butyl ethyl ether	Ave	0.5124	0.5060		19.8	20.0	-1.2	20.0
2,2-Dichloropropane	Ave	0.1223	0.1201		19.6	20.0	-1.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Lab Sample ID: CCVIS 460-964707/3 Calibration Date: 03/18/2024 20:54

Instrument ID: CVOAMS8 Calib Start Date: 03/14/2024 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/14/2024 17:38

Lab File ID: J02161.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2489	0.2455	0.1000	19.7	20.0	-1.4	20.0
2-Butanone (MEK)	Ave	0.1962	0.1912	0.0500	97.4	100	-2.6	50.0
Ethyl acetate	Lin2		0.1597		34.1	40.0	-14.8	20.0
Methyl acrylate	Ave	0.1492	0.1528		20.5	20.0	2.4	20.0
Propionitrile	Ave	2.055	1.811		176	200	-11.8	20.0
Chlorobromomethane	Ave	0.1297	0.1297		20.0	20.0	0.0	20.0
Tetrahydrofuran	Ave	0.2063	0.2184		42.3	40.0	5.8	20.0
Methacrylonitrile	Ave	0.0729	0.0798		219	200	9.5	20.0
Chloroform	Ave	0.4298	0.4330	0.2000	20.2	20.0	0.8	20.0
Cyclohexane	Ave	0.2729	0.2478	0.1000	18.2	20.0	-9.2	50.0
1,1,1-Trichloroethane	Ave	0.3648	0.3593	0.1000	19.7	20.0	-1.5	20.0
Carbon tetrachloride	Ave	0.3060	0.3036	0.1000	19.8	20.0	-0.8	20.0
1,1-Dichloropropene	Ave	0.2909	0.2809		19.3	20.0	-3.4	20.0
Isobutyl alcohol	Ave	0.7234	0.6843		473	500	-5.4	50.0
Isooctane	Ave	0.3529	0.3591		20.4	20.0	1.8	20.0
Benzene	Ave	1.143	1.042	0.5000	18.2	20.0	-8.8	20.0
Isopropyl acetate	Ave	0.4674	0.4826		20.6	20.0	3.2	20.0
Tert-amyl methyl ether	Qua2		0.1210		19.1	20.0	-4.7	20.0
1,2-Dichloroethane	Ave	0.3158	0.3123	0.1000	19.8	20.0	-1.1	20.0
n-Heptane	Ave	0.0816	0.0726		17.8	20.0	-11.0	20.0
n-Butanol	Ave	0.2185	0.2007		459	500	-8.2	50.0
Trichloroethene	Ave	0.2287	0.2112	0.2000	18.5	20.0	-7.7	20.0
Methylcyclohexane	Ave	0.2465	0.2280	0.1000	18.5	20.0	-7.5	50.0
Ethyl acrylate	Ave	0.4000	0.3987		19.9	20.0	-0.3	20.0
1,2-Dichloropropane	Ave	0.2227	0.2315	0.1000	20.8	20.0	4.0	20.0
Methyl methacrylate	Ave	0.0398	0.0447		45.0	40.0	12.5	20.0
1,4-Dioxane	Ave	0.8239	0.8444		410	400	2.5	50.0
Dibromomethane	Ave	0.1646	0.1713		20.8	20.0	4.1	20.0
n-Propyl acetate	Ave	0.2192	0.2762		25.2	20.0	26.0*	20.0
Dichlorobromomethane	Ave	0.3199	0.3222	0.2000	20.1	20.0	0.7	20.0
2-Nitropropane	Ave	4.029	3.141		31.2	40.0	-22.0*	20.0
2-Chloroethyl vinyl ether	Ave	0.0656	0.0858		26.2	20.0	30.8*	20.0
Epichlorohydrin	Ave	0.1604	0.1617		403	400	0.8	20.0
cis-1,3-Dichloropropene	Ave	0.4761	0.4256	0.2000	17.9	20.0	-10.6	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.611	1.756	0.0500	109	100	9.0	50.0
Toluene	Ave	1.129	1.039	0.4000	18.4	20.0	-8.0	20.0
trans-1,3-Dichloropropene	Ave	0.4178	0.4022	0.1000	19.3	20.0	-3.7	50.0
Ethyl methacrylate	Ave	0.1878	0.2242		23.9	20.0	19.4	20.0
1,1,2-Trichloroethane	Ave	0.2297	0.2218	0.1000	19.3	20.0	-3.5	20.0
Tetrachloroethene	Ave	0.2956	0.2644	0.2000	17.9	20.0	-10.6	20.0
1,3-Dichloropropane	Ave	0.3937	0.3769		19.1	20.0	-4.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Lab Sample ID: CCVIS 460-964707/3 Calibration Date: 03/18/2024 20:54

Instrument ID: CVOAMS8 Calib Start Date: 03/14/2024 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/14/2024 17:38

Lab File ID: J02161.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.5822	0.6657	0.0500	114	100	14.3	50.0
n-Butyl acetate	Ave	0.3193	0.3717		23.3	20.0	16.4	20.0
Chlorodibromomethane	Ave	0.3253	0.2972	0.1000	18.3	20.0	-8.6	50.0
Ethylene Dibromide	Ave	0.2905	0.2783	0.1000	19.2	20.0	-4.2	20.0
Chlorobenzene	Ave	0.7477	0.7172	0.5000	19.2	20.0	-4.1	20.0
Ethylbenzene	Ave	0.3547	0.3434	0.1000	19.4	20.0	-3.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2741	0.2387		17.4	20.0	-12.9	20.0
m-Xylene & p-Xylene	Ave	0.4300	0.4283	0.1000	19.9	20.0	-0.4	20.0
o-Xylene	Ave	0.4254	0.4303	0.3000	20.2	20.0	1.1	20.0
n-Butyl acrylate	Ave	0.1637	0.1868		22.8	20.0	14.1	20.0
Styrene	Ave	0.7144	0.7106	0.3000	19.9	20.0	-0.5	20.0
Bromoform	Ave	0.2230	0.2247	0.1000	20.2	20.0	0.8	20.0
Amyl acetate (mixed isomers)	Ave	0.6733	0.8395		24.9	20.0	24.7*	20.0
Isopropylbenzene	Ave	0.9940	1.021	0.1000	20.5	20.0	2.7	20.0
Bromobenzene	Ave	0.6315	0.6296		19.9	20.0	-0.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6215	0.6781	0.3000	21.8	20.0	9.1	20.0
N-Propylbenzene	Ave	2.206	2.289		20.8	20.0	3.8	20.0
1,2,3-Trichloropropane	Ave	0.1621	0.1590		19.6	20.0	-2.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1680	0.1712		20.4	20.0	1.9	20.0
2-Chlorotoluene	Ave	1.585	1.720		21.7	20.0	8.5	20.0
4-Ethyltoluene	Ave	1.818	1.914		21.1	20.0	5.3	20.0
1,3,5-Trimethylbenzene	Ave	1.510	1.608		21.3	20.0	6.5	20.0
4-Chlorotoluene	Ave	1.545	1.587		20.5	20.0	2.7	20.0
Butyl Methacrylate	Ave	0.4982	0.5646		22.7	20.0	13.3	20.0
tert-Butylbenzene	Ave	1.239	1.278		20.6	20.0	3.2	20.0
1,2,4-Trimethylbenzene	Ave	1.606	1.705		21.2	20.0	6.2	20.0
sec-Butylbenzene	Ave	1.732	1.879		21.7	20.0	8.5	20.0
1,3-Dichlorobenzene	Ave	1.075	1.072	0.6000	19.9	20.0	-0.3	20.0
4-Isopropyltoluene	Ave	1.486	1.587		21.3	20.0	6.7	20.0
1,4-Dichlorobenzene	Ave	1.159	1.127	0.5000	19.4	20.0	-2.8	20.0
1,2,3-Trimethylbenzene	Ave	1.730	1.853		21.4	20.0	7.1	20.0
Benzyl chloride	Ave	1.019	1.104		21.7	20.0	8.4	50.0
Indan	Ave	1.738	1.777		20.4	20.0	2.2	20.0
p-Diethylbenzene	Ave	0.9088	0.9409		20.7	20.0	3.5	20.0
n-Butylbenzene	Ave	0.7587	0.7943		20.9	20.0	4.7	20.0
1,2-Dichlorobenzene	Ave	1.060	1.067	0.4000	20.1	20.0	0.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.358	1.515		22.3	20.0	11.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1331	0.1283	0.0500	19.3	20.0	-3.6	50.0
1,3,5-Trichlorobenzene	Ave	0.7242	0.7112		19.6	20.0	-1.8	20.0
1,2,4-Trichlorobenzene	Ave	0.6642	0.6980	0.2000	21.0	20.0	5.1	20.0
Hexachlorobutadiene	Ave	0.2581	0.2422		18.8	20.0	-6.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Lab Sample ID: CCVIS 460-964707/3 Calibration Date: 03/18/2024 20:54

Instrument ID: CVOAMS8 Calib Start Date: 03/14/2024 11:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/14/2024 17:38

Lab File ID: J02161.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.537	2.273		29.6	20.0	47.8	50.0
1,2,3-Trichlorobenzene	Ave	0.6072	0.6452		21.3	20.0	6.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2662	0.2769		52.0	50.0	4.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2652	0.2794		52.7	50.0	5.4	20.0
Toluene-d8 (Surr)	Ave	1.031	1.012		49.1	50.0	-1.9	20.0
4-Bromofluorobenzene	Ave	0.3787	0.3662		48.4	50.0	-3.3	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02161.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 18-Mar-2024 20:54:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 12:20:53 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: K0HS Date: 19-Mar-2024 11:47:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.125	1.125	0.000	83	2012	20.0	11.6	
4 Dichlorodifluoromethane	85	1.149	1.149	0.000	100	66452	20.0	17.6	
5 Chlorodifluoromethane	67	1.162	1.162	0.000	99	7899	20.0	13.7	
6 Chloromethane	50	1.271	1.271	0.000	100	77269	20.0	20.2	
7 Vinyl chloride	62	1.332	1.332	0.000	98	70697	20.0	22.0	
8 Butadiene	54	1.344	1.344	0.000	98	63844	20.0	20.4	
9 Bromomethane	94	1.539	1.539	0.000	95	39879	20.0	21.6	
10 Chloroethane	64	1.600	1.600	0.000	99	36699	20.0	23.8	
12 Dichlorofluoromethane	67	1.715	1.715	0.000	99	113426	20.0	22.8	
11 Trichlorofluoromethane	101	1.721	1.721	0.000	99	90913	20.0	21.1	
13 Pentane	43	1.752	1.752	0.000	96	132728	40.0	35.8	
14 Ethanol	46	1.855	1.855	0.000	98	7789	800.0	982.6	
15 Ethyl ether	59	1.892	1.892	0.000	96	41324	20.0	23.6	
16 2-Methyl-1,3-butadiene	53	1.910	1.910	0.000	97	44551	20.0	20.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.922	1.922	0.000	96	43458	20.0	21.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.958	1.958	0.000	95	77936	20.0	21.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.013	2.013	0.000	98	57751	20.0	22.6	
19 Acrolein	56	2.019	2.019	0.000	95	12024	40.0	26.1	
21 1,1-Dichloroethene	96	2.044	2.044	0.000	99	47336	20.0	21.6	
22 Acetone	43	2.111	2.111	0.000	85	74250	100.0	100.4	
23 Iodomethane	142	2.165	2.165	0.000	98	55055	20.0	22.5	
25 Isopropyl alcohol	45	2.171	2.171	0.000	59	25277	200.0	191.7	
24 Carbon disulfide	76	2.196	2.196	0.000	99	155014	20.0	17.3	
26 3-Chloro-1-propene	76	2.281	2.281	0.000	92	23976	20.0	18.3	
28 Methyl acetate	43	2.293	2.293	0.000	99	47787	40.0	27.2	
27 Cyclopentene	67	2.305	2.305	0.000	95	79211	20.0	18.0	
29 Acetonitrile	41	2.336	2.336	0.000	98	57908	200.0	168.1	
* 30 TBA-d9 (IS)	65	2.366	2.366	0.000	77	213694	1000.0	1000.0	
31 Methylene Chloride	84	2.390	2.390	0.000	94	51422	20.0	22.3	
32 2-Methyl-2-propanol	59	2.427	2.427	0.000	98	35228	200.0	205.3	
33 Methyl tert-butyl ether	73	2.506	2.506	0.000	97	100720	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.536	2.536	0.000	95	49165	20.0	20.8	
35 Acrylonitrile	53	2.591	2.591	0.000	93	152726	200.0	179.3	
36 Hexane	57	2.652	2.652	0.000	92	30093	20.0	15.0	
37 Isopropyl ether	45	2.822	2.822	0.000	97	130922	20.0	21.8	
38 1,1-Dichloroethane	63	2.859	2.859	0.000	99	112036	20.0	25.4	
39 Vinyl acetate	43	2.865	2.865	0.000	100	207395	40.0	54.2	
40 2-Chloro-1,3-butadiene	88	2.895	2.895	0.000	92	45672	20.0	24.2	
41 Tert-butyl ethyl ether	59	3.090	3.090	0.000	88	133113	20.0	19.8	
* 43 2-Butanone-d5	46	3.273	3.273	0.000	97	352343	250.0	250.0	
42 2,2-Dichloropropane	79	3.279	3.279	0.000	66	31597	20.0	19.6	
44 cis-1,2-Dichloroethene	96	3.303	3.303	0.000	96	64582	20.0	19.7	
46 2-Butanone (MEK)	72	3.321	3.321	0.000	95	26949	100.0	97.4	
45 Ethyl acetate	70	3.327	3.327	0.000	96	9003	40.0	34.1	
47 Methyl acrylate	55	3.370	3.370	0.000	100	40197	20.0	20.5	
48 Propionitrile	54	3.437	3.437	0.000	97	77410	200.0	176.3	
50 Chlorobromomethane	128	3.510	3.510	0.000	94	34124	20.0	20.0	
49 Tetrahydrofuran	72	3.510	3.510	0.000	91	12310	40.0	42.3	
51 Methacrylonitrile	67	3.528	3.528	0.000	95	209964	200.0	219.0	
52 Chloroform	83	3.552	3.552	0.000	98	113906	20.0	20.2	
53 Cyclohexane	84	3.668	3.668	0.000	96	65195	20.0	18.2	
54 1,1,1-Trichloroethane	97	3.680	3.680	0.000	99	94518	20.0	19.7	
$ 55 Dibromofluoromethane (Surr)	113	3.698	3.698	0.000	96	182128	50.0	52.0	
56 Carbon tetrachloride	117	3.796	3.796	0.000	99	79869	20.0	19.8	
57 1,1-Dichloropropene	75	3.826	3.826	0.000	97	73907	20.0	19.3	
58 Isobutyl alcohol	43	3.954	3.954	0.000	95	73116	500.0	473.0	
59 Isooctane	57	3.972	3.972	0.000	97	94471	20.0	20.4	a
60 Benzene	78	4.009	4.009	0.000	96	224248	20.0	18.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.027	4.027	0.000	0	183761	50.0	52.7	
62 Isopropyl acetate	43	4.063	4.063	0.000	93	126947	20.0	20.6	
63 Tert-amyl methyl ether	55	4.069	4.069	0.000	84	31838	20.0	19.1	
64 1,2-Dichloroethane	62	4.100	4.100	0.000	97	82164	20.0	19.8	
65 n-Heptane	57	4.155	4.155	0.000	97	19111	20.0	17.8	
* 66 Fluorobenzene	96	4.282	4.282	0.000	99	657656	50.0	50.0	
67 n-Butanol	56	4.617	4.617	0.000	65	21443	500.0	459.1	
68 Trichloroethene	95	4.629	4.629	0.000	97	55548	20.0	18.5	
69 Methylcyclohexane	83	4.745	4.745	0.000	90	59971	20.0	18.5	
70 Ethyl acrylate	55	4.757	4.757	0.000	95	104879	20.0	19.9	
71 1,2-Dichloropropane	63	4.915	4.915	0.000	90	60902	20.0	20.8	
* 72 1,4-Dioxane-d8	96	4.994	4.994	0.000	0	33682	1000.0	1000.0	
73 Methyl methacrylate	100	5.006	5.006	0.000	91	23524	40.0	45.0	
75 1,4-Dioxane	88	5.049	5.049	0.000	43	11376	400.0	409.9	
74 Dibromomethane	93	5.049	5.049	0.000	98	45070	20.0	20.8	
76 n-Propyl acetate	43	5.073	5.073	0.000	98	72670	20.0	25.2	
77 Dichlorobromomethane	83	5.213	5.213	0.000	99	84761	20.0	20.1	
78 2-Nitropropane	41	5.560	5.560	0.000	89	26849	40.0	31.2	
79 2-Chloroethyl vinyl ether	63	5.572	5.572	0.000	83	22612	20.0	26.2	
80 Epichlorohydrin	57	5.682	5.682	0.000	99	91174	400.0	403.2	
81 cis-1,3-Dichloropropene	75	5.736	5.736	0.000	94	91586	20.0	17.9	
82 4-Methyl-2-pentanone (MIBK)	43	5.919	5.919	0.000	98	247489	100.0	109.0	
$ 83 Toluene-d8 (Surr)	98	5.986	5.986	0.000	99	544327	50.0	49.1	
84 Toluene	91	6.071	6.071	0.000	96	223494	20.0	18.4	
85 trans-1,3-Dichloropropene	75	6.472	6.472	0.000	98	86551	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.515	6.515	0.000	91	58981	20.0	23.9	
87 1,1,2-Trichloroethane	83	6.704	6.704	0.000	96	47734	20.0	19.3	
88 Tetrachloroethene	166	6.734	6.734	0.000	97	56890	20.0	17.9	
89 1,3-Dichloropropane	76	6.929	6.929	0.000	95	81111	20.0	19.1	
90 2-Hexanone	58	7.020	7.020	0.000	98	93819	100.0	114.3	
91 n-Butyl acetate	43	7.166	7.166	0.000	99	80002	20.0	23.3	
92 Chlorodibromomethane	129	7.184	7.184	0.000	98	63966	20.0	18.3	
93 Ethylene Dibromide	107	7.342	7.342	0.000	98	59891	20.0	19.2	
* 94 Chlorobenzene-d5	117	7.945	7.945	0.000	87	538010	50.0	50.0	
95 Chlorobenzene	112	7.981	7.981	0.000	95	154343	20.0	19.2	
96 Ethylbenzene	106	8.091	8.091	0.000	99	73902	20.0	19.4	
97 1,1,1,2-Tetrachloroethane	131	8.109	8.109	0.000	95	51364	20.0	17.4	
98 m-Xylene & p-Xylene	106	8.243	8.243	0.000	0	92180	20.0	19.9	
99 o-Xylene	106	8.699	8.699	0.000	93	92595	20.0	20.2	
100 n-Butyl acrylate	73	8.717	8.717	0.000	94	40201	20.0	22.8	
101 Styrene	104	8.735	8.735	0.000	96	152931	20.0	19.9	
103 Bromoform	173	8.948	8.948	0.000	96	48359	20.0	20.2	
102 Amyl acetate (mixed isomers)	43	8.967	8.967	0.000	88	94124	20.0	24.9	
104 Isopropylbenzene	105	9.082	9.082	0.000	96	219763	20.0	20.5	
$ 105 4-Bromofluorobenzene	174	9.283	9.283	0.000	97	197036	50.0	48.4	
106 Bromobenzene	156	9.411	9.411	0.000	93	70598	20.0	19.9	
107 1,1,2,2-Tetrachloroethane	83	9.484	9.484	0.000	99	76027	20.0	21.8	
108 N-Propylbenzene	91	9.490	9.490	0.000	99	256656	20.0	20.8	
109 1,2,3-Trichloropropane	110	9.520	9.520	0.000	96	17824	20.0	19.6	
110 trans-1,4-Dichloro-2-butene	53	9.545	9.545	0.000	85	19198	20.0	20.4	a
111 2-Chlorotoluene	91	9.593	9.593	0.000	97	192824	20.0	21.7	
112 4-Ethyltoluene	105	9.605	9.605	0.000	97	214567	20.0	21.1	
113 1,3,5-Trimethylbenzene	105	9.672	9.672	0.000	92	180327	20.0	21.3	
114 4-Chlorotoluene	91	9.703	9.703	0.000	98	177927	20.0	20.5	
115 Butyl Methacrylate	87	9.788	9.788	0.000	95	63306	20.0	22.7	
116 tert-Butylbenzene	119	9.952	9.952	0.000	93	143331	20.0	20.6	
117 1,2,4-Trimethylbenzene	105	10.013	10.013	0.000	98	191178	20.0	21.2	
118 sec-Butylbenzene	105	10.147	10.147	0.000	99	210706	20.0	21.7	
120 1,3-Dichlorobenzene	146	10.268	10.268	0.000	96	120142	20.0	19.9	
119 4-Isopropyltoluene	119	10.281	10.281	0.000	98	177886	20.0	21.3	
* 121 1,4-Dichlorobenzene-d4	152	10.335	10.335	0.000	96	280308	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.360	10.360	0.000	97	126310	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	10.378	10.378	0.000	98	207798	20.0	21.4	
124 Benzyl chloride	91	10.488	10.488	0.000	99	123831	20.0	21.7	
125 2,3-Dihydroindene	117	10.542	10.542	0.000	95	199188	20.0	20.4	
126 p-Diethylbenzene	119	10.603	10.603	0.000	93	105495	20.0	20.7	
127 n-Butylbenzene	92	10.621	10.621	0.000	98	89056	20.0	20.9	
128 1,2-Dichlorobenzene	146	10.670	10.670	0.000	96	119583	20.0	20.1	
129 1,2,4,5-Tetramethylbenzene	119	11.230	11.230	0.000	97	169912	20.0	22.3	
130 1,2-Dibromo-3-Chloropropane	157	11.309	11.309	0.000	94	14390	20.0	19.3	
131 1,3,5-Trichlorobenzene	180	11.418	11.418	0.000	97	79744	20.0	19.6	
132 1,2,4-Trichlorobenzene	180	11.893	11.893	0.000	94	78261	20.0	21.0	
133 Hexachlorobutadiene	225	11.978	11.978	0.000	93	27159	20.0	18.8	
134 Naphthalene	128	12.075	12.075	0.000	99	254835	20.0	29.6	
135 1,2,3-Trichlorobenzene	180	12.252	12.252	0.000	95	72343	20.0	21.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.5	
S 137 Xylenes, Total	100				0		40.0	40.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Total BTEX	1				0		100.0	96.2	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

524FREONS_00015	Amount Added:	20.00	Units: uL	
ACROLEIN W_00166	Amount Added:	4.00	Units: uL	
GASES Li_00576	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00184	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

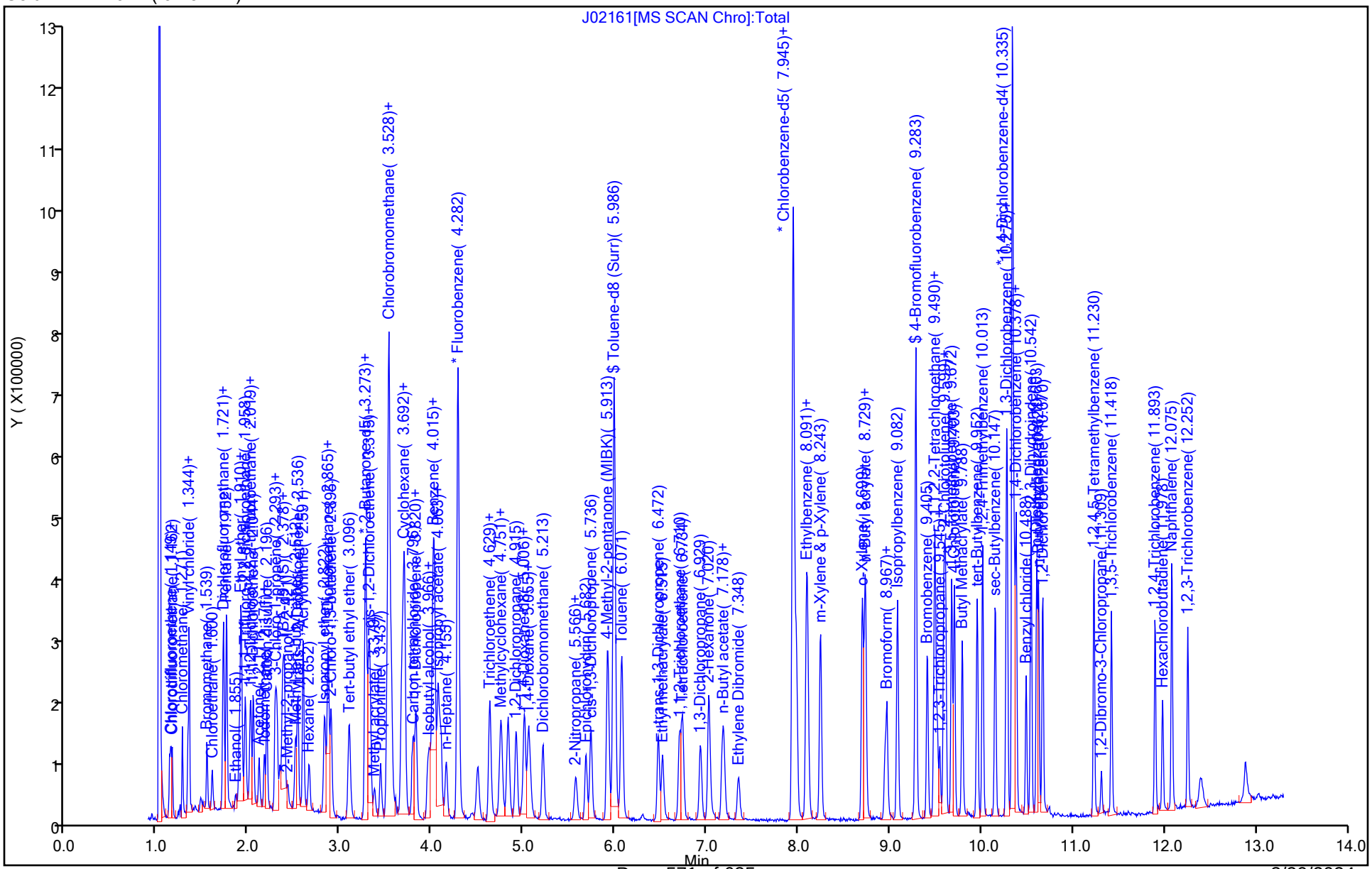
Report Date: 19-Mar-2024 12:20:55 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02161.D

Injection Date:	18-Mar-2024 20:54:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



3/20/2024
1:03:26 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

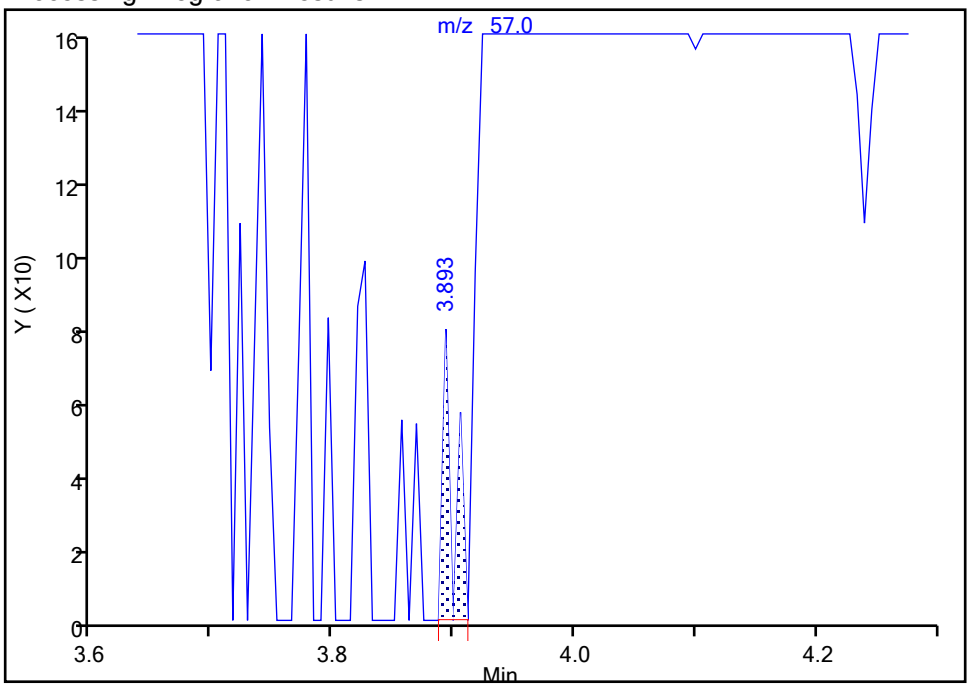
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02161.D
Injection Date: 18-Mar-2024 20:54:30 Instrument ID: CVOAMS8
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Signal: 1

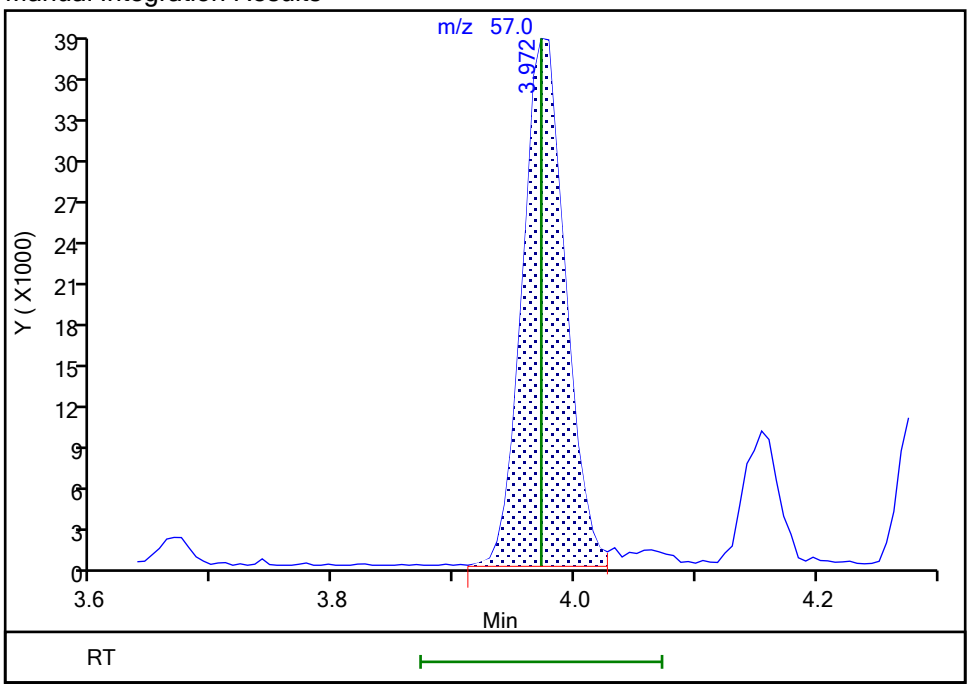
Processing Integration Results

RT: 3.89
Area: 48
Amount: 0.010342
Amount Units: ug/l



Manual Integration Results

RT: 3.97
Area: 94471
Amount: 20.353834
Amount Units: ug/l



Reviewer: HVW2, 18-Mar-2024 21:25:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

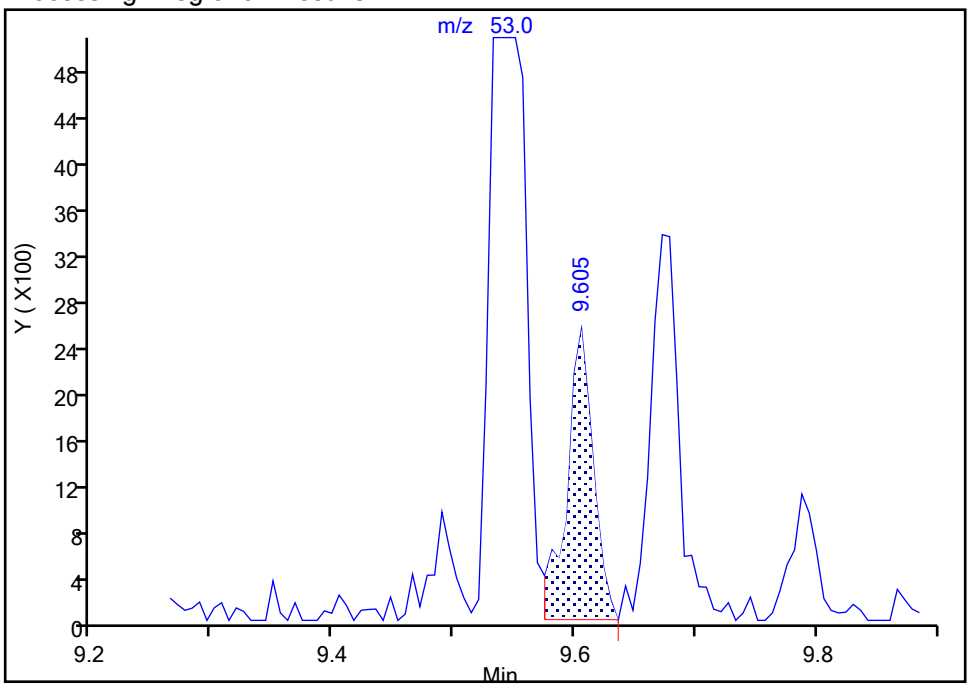
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02161.D
Injection Date: 18-Mar-2024 20:54:30 Instrument ID: CVOAMS8
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

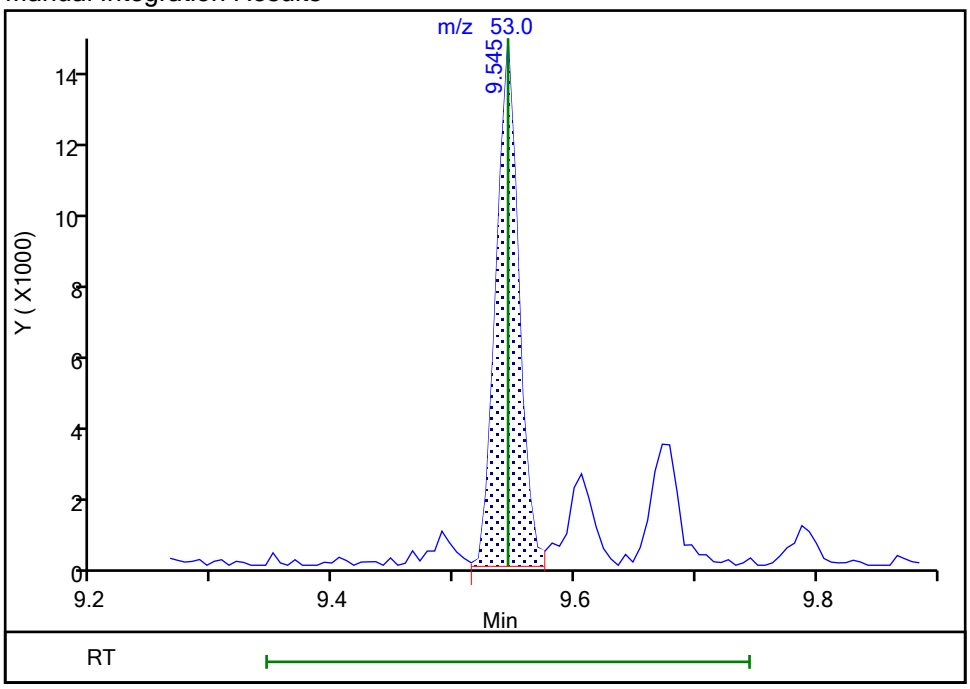
Processing Integration Results

RT: 9.61
Area: 3908
Amount: 4.149337
Amount Units: ug/l



Manual Integration Results

RT: 9.54
Area: 19198
Amount: 20.383563
Amount Units: ug/l



Reviewer: K0HS, 19-Mar-2024 12:19:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02052.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	14-Mar-2024 09:16:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0173383-001				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\8260_W8.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	15-Mar-2024 20:30:53	Calib Date:	14-Mar-2024 17:38:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1658				
First Level Reviewer: N1JZ		Date:	14-Mar-2024 09:26:29		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 139 BFB

QC Flag Legend

Processing Flags

Reagents:

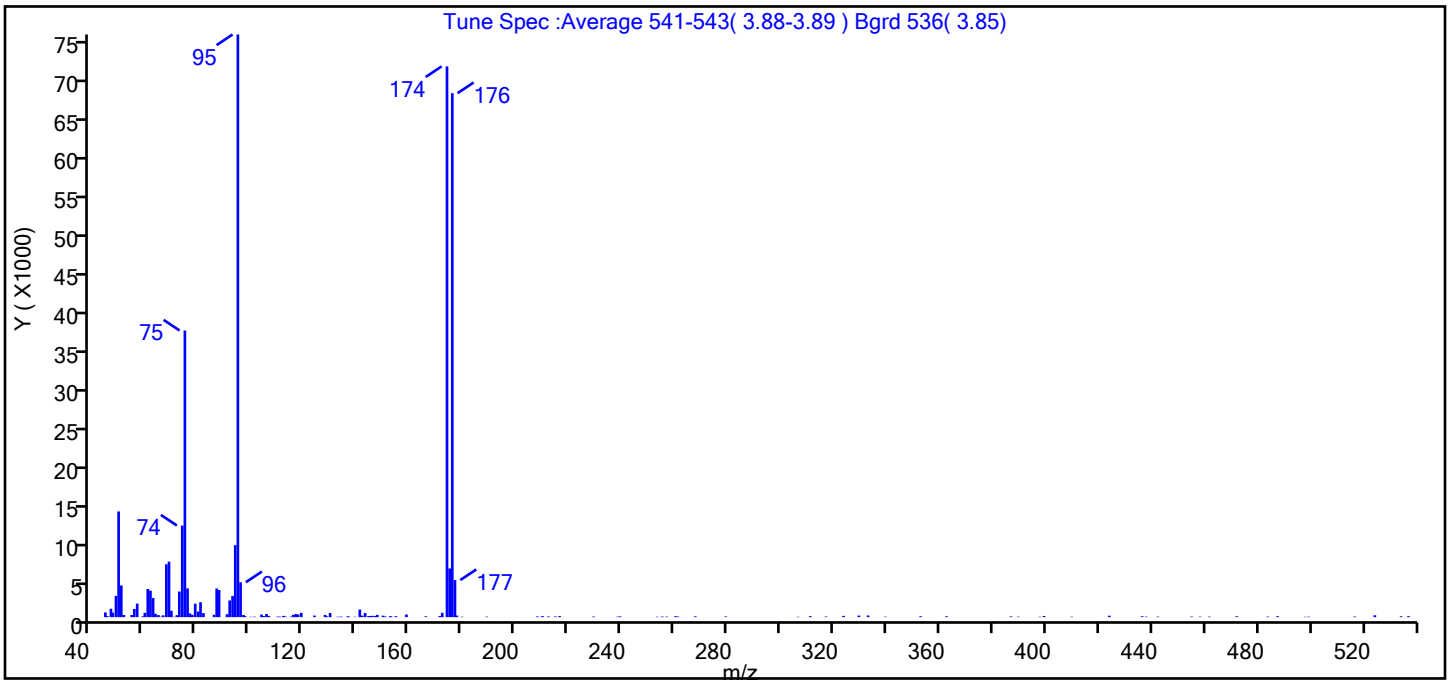
BFB_00035 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02052.D
Injection Date: 14-Mar-2024 09:16:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (105.8)
96	5 to 9% of m/z 95	6.0
173	<2% of m/z 174	0.0 (0.0)
174	50 to 200% of m/z 95	94.5
175	5 to 9% of m/z 174	8.4 (8.8)
176	95 to 105% of m/z 174	89.9 (95.1)
177	5 to 10% of m/z 176	6.4 (7.1)

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02052.D\8260_W8.rslt\spectra.d
Injection Date: 14-Mar-2024 09:16:30
Spectrum: Tune Spec :Average 541-543(3.88-3.89) Bgrd 536(3.85)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 139

m/z	Y	m/z	Y	m/z	Y	m/z	Y
45.00	606	86.00	305	141.00	984	260.00	116
46.00	140	87.00	3711	142.00	188	261.00	81
47.00	1085	88.00	3517	143.00	533	268.00	104
48.00	586	91.00	379	144.00	140	279.00	90
49.00	2754	92.00	2161	145.00	135	306.00	51
50.00	13688	93.00	2746	146.00	172	311.00	131
51.00	4099	94.00	9323	147.00	159	317.00	81
52.00	277	95.00	75456	148.00	292	324.00	164
55.00	277	96.00	4522	150.00	189	329.00	205
56.00	1063	97.00	281	151.00	83	333.00	218
57.00	1754	98.00	131	153.00	128	339.00	63
59.00	103	100.00	51	153.00	57	353.00	117
60.00	554	101.00	65	155.00	129	362.00	112
61.00	3643	104.00	338	159.00	341	387.00	98
62.00	3433	105.00	152	166.00	109	390.00	65
63.00	2483	106.00	404	171.00	149	398.00	52
64.00	444	107.00	159	172.00	559	399.00	152
65.00	264	110.00	70	174.00	71328	410.00	59
66.00	52	111.00	67	175.00	6307	424.00	185
67.00	237	112.00	166	176.00	67856	436.00	113
68.00	6844	113.00	80	177.00	4799	438.00	64
69.00	7187	115.00	67	178.00	205	442.00	70
70.00	820	116.00	298	180.00	56	455.00	78
71.00	52	117.00	401	189.00	67	458.00	64
72.00	258	118.00	349	208.00	94	462.00	71
73.00	3319	119.00	562	210.00	133	472.00	116
74.00	11861	124.00	204	212.00	92	484.00	76
75.00	37120	128.00	292	215.00	91	487.00	122
76.00	3725	129.00	108	216.00	136	498.00	51
77.00	480	130.00	534	229.00	81	499.00	64
78.00	297	133.00	55	238.00	56	516.00	82
79.00	1745	134.00	79	239.00	98	524.00	245
80.00	724	136.00	63	253.00	55	534.00	114

Report Date: 15-Mar-2024 20:30:53 Chrom Revision: 2.3 23-Feb-2024 16:51:14
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02052.D\8260_W8.rslt\spectra.d
Injection Date: 14-Mar-2024 09:16:30
Spectrum: Tune Spec :Average 541-543(3.88-3.89) Bgrd 536(3.85)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 139

m/z	Y	m/z	Y	m/z	Y	m/z	Y
81.00	1936	137.00	101	255.00	79	537.00	131
82.00	522	139.00	53	257.00	71		

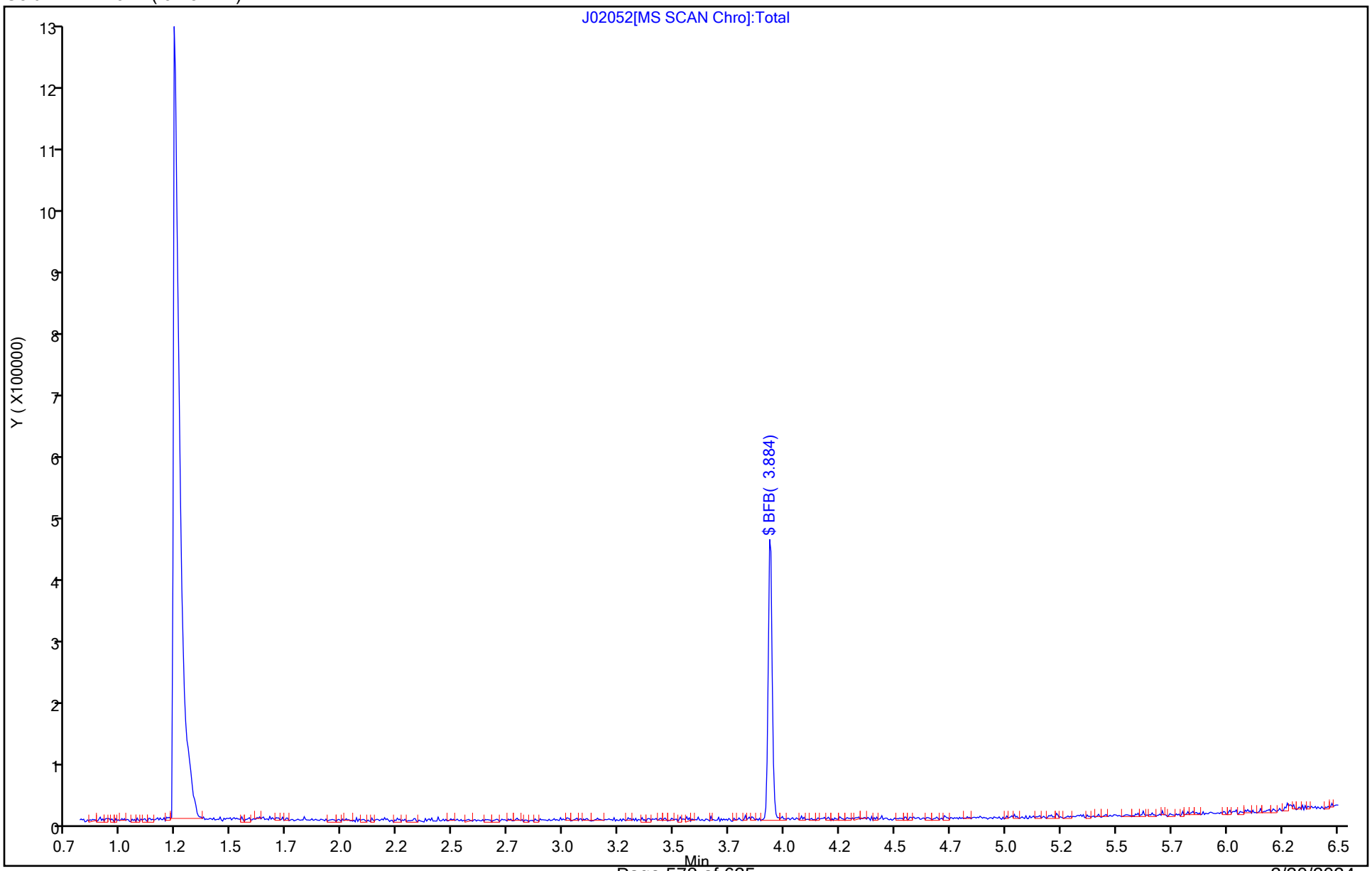
Report Date: 15-Mar-2024 20:30:53 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02052.D

Injection Date:	14-Mar-2024 09:16:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



3/20/2024
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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-964707/9

Matrix: Water | Lab File ID: J02167.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2024 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-964707/9

Matrix: Water | Lab File ID: J02167.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2024 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	91		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02167.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 18-Mar-2024 23:26:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 11:47:43 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 19-Mar-2024 04:03:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.368	2.366	0.002	75	290881	1000.0	1000.0	
* 43 2-Butanone-d5	46	3.268	3.273	-0.004	87	348463	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.700	3.698	0.002	95	177822	50.0	52.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.023	4.027	-0.004	0	176525	50.0	52.6	
* 66 Fluorobenzene	96	4.284	4.282	0.002	99	632226	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.984	4.994	-0.010	0	32729	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.988	5.986	0.002	99	528930	50.0	49.4	
* 94 Chlorobenzene-d5	117	7.941	7.945	-0.004	86	518880	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.285	9.283	0.002	96	179430	50.0	45.7	
* 121 1,4-Dichlorobenzene-d4	152	10.337	10.335	0.002	95	255807	50.0	50.0	
134 Naphthalene	128	12.077	12.075	0.002	99	26486		3.37	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00245 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 19-Mar-2024 11:50:02 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02167.D

Injection Date: 18-Mar-2024 23:26:30 Instrument ID: CVOAMS8 Operator ID:

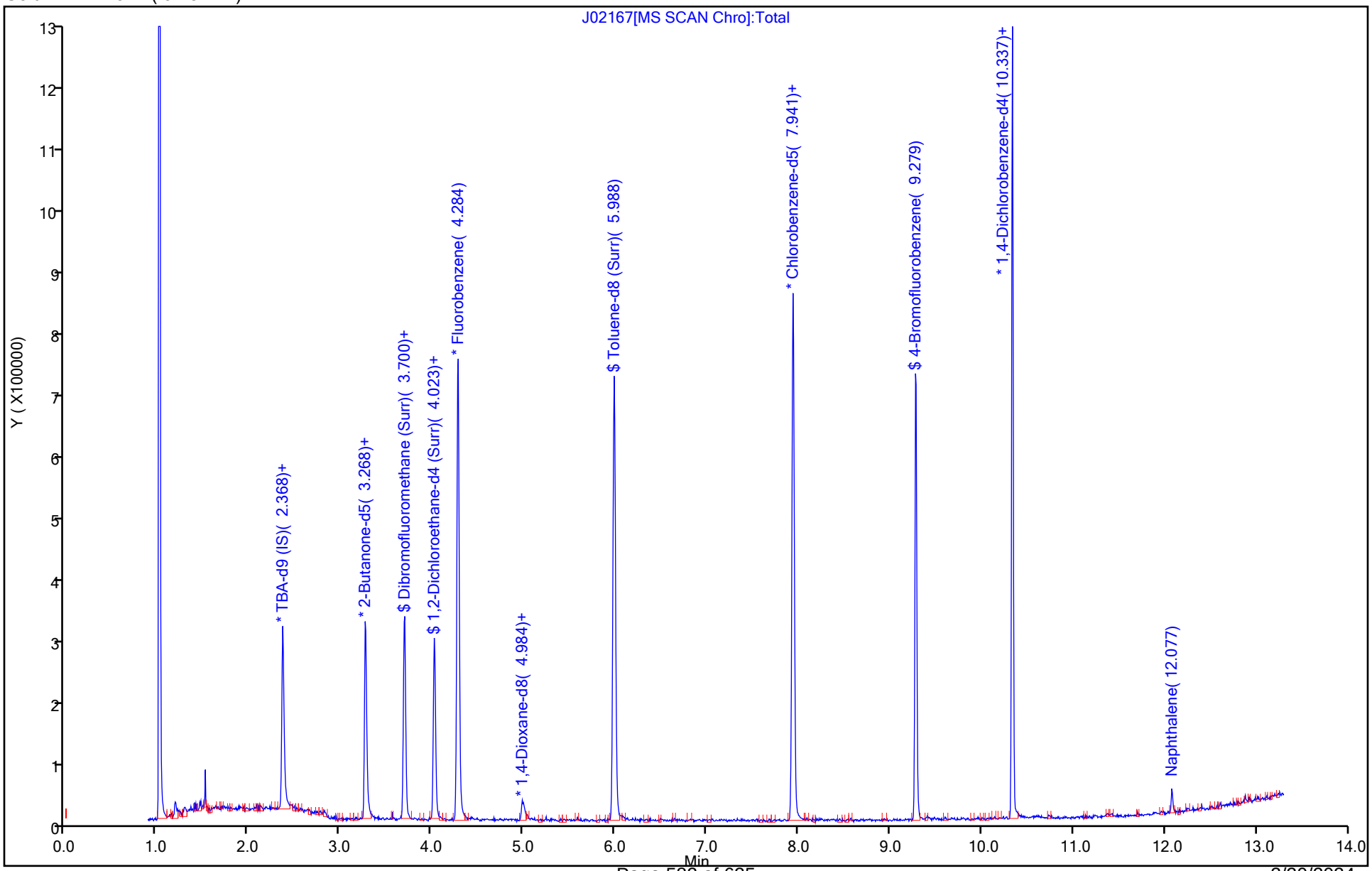
Lims ID: MB Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02167.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 18-Mar-2024 23:26:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 11:47:43 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 19-Mar-2024 04:03:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	52.8	105.65
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	52.6	105.29
$ 83 Toluene-d8 (Surr)	50.0	49.4	98.85
$ 105 4-Bromofluorobenzene	50.0	45.7	91.32

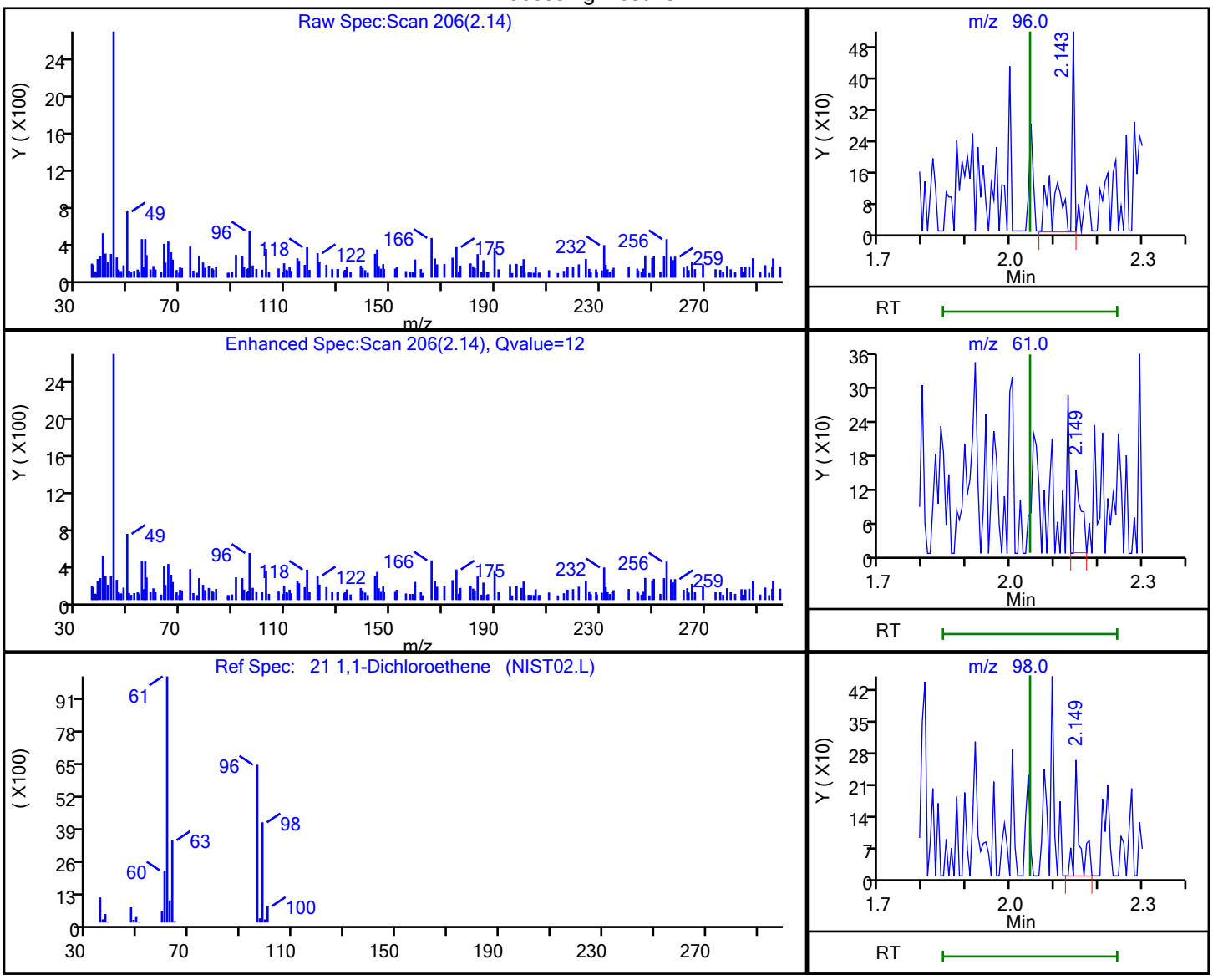
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02167.D				
Injection Date:	18-Mar-2024 23:26:30	Instrument ID:	CVOAMS8		
Lims ID:	MB				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.14	96.00	472	0.224178
2.15	61.00	142	
2.15	98.00	218	
2.14	63.00	540	

Reviewer: HVW2, 19-Mar-2024 04:03:07 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-964707/4

Matrix: Water | Lab File ID: J02162.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2024 21:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.5		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24.2		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.0		1.0	0.20
75-34-3	1,1-Dichloroethane	23.8		1.0	0.26
75-35-4	1,1-Dichloroethene	23.6		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	24.0		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	23.1		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	24.0		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	22.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	22.7		1.0	0.21
107-06-2	1,2-Dichloroethane	21.1		1.0	0.43
78-87-5	1,2-Dichloropropane	23.0		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	24.2		1.0	0.33
541-73-1	1,3-Dichlorobenzene	22.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.8		1.0	0.33
78-93-3	2-Butanone (MEK)	109		5.0	1.9
591-78-6	2-Hexanone	129		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	119		5.0	1.3
67-64-1	Acetone	121		5.0	4.4
71-43-2	Benzene	19.8		1.0	0.20
75-25-2	Bromoform	20.5		1.0	0.54
74-83-9	Bromomethane	21.2		1.0	0.55
75-15-0	Carbon disulfide	22.0		1.0	0.82
56-23-5	Carbon tetrachloride	21.5		1.0	0.21
108-90-7	Chlorobenzene	21.0		1.0	0.38
74-97-5	Chlorobromomethane	21.5		1.0	0.41
124-48-1	Chlorodibromomethane	20.6		1.0	0.28
75-00-3	Chloroethane	24.2		1.0	0.32
67-66-3	Chloroform	22.4		1.0	0.33
74-87-3	Chloromethane	21.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.7		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-964707/4

Matrix: Water | Lab File ID: J02162.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2024 21:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	19.9		1.0	0.32
75-27-4	Dichlorobromomethane	21.4		1.0	0.34
75-71-8	Dichlorodifluoromethane	18.9		1.0	0.31
100-41-4	Ethylbenzene	21.5		1.0	0.30
106-93-4	Ethylene Dibromide	20.5		1.0	0.50
98-82-8	Isopropylbenzene	23.0		1.0	0.34
79-20-9	Methyl acetate	34.3		5.0	0.79
1634-04-4	Methyl tert-butyl ether	22.9		1.0	0.22
108-87-2	Methylcyclohexane	20.9		1.0	0.71
75-09-2	Methylene Chloride	27.6		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	21.9		1.0	0.30
104-51-8	n-Butylbenzene	23.4		1.0	0.32
103-65-1	N-Propylbenzene	24.1		1.0	0.32
95-47-6	o-Xylene	22.1		1.0	0.36
135-98-8	sec-Butylbenzene	24.2		1.0	0.37
100-42-5	Styrene	22.1		1.0	0.42
98-06-6	tert-Butylbenzene	23.6		1.0	0.34
127-18-4	Tetrachloroethene	20.1		1.0	0.25
108-88-3	Toluene	20.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.5		1.0	0.22
79-01-6	Trichloroethene	20.2		1.0	0.31
75-69-4	Trichlorofluoromethane	22.5		1.0	0.32
75-01-4	Vinyl chloride	23.5		1.0	0.17
1330-20-7	Xylenes, Total	44.0		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02162.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 18-Mar-2024 21:20:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 12:20:53 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 19-Mar-2024 04:01:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.124	1.125	-0.001	95	2529	20.0	14.0	
4 Dichlorodifluoromethane	85	1.148	1.149	-0.001	100	73922	20.0	18.9	
5 Chlorodifluoromethane	67	1.161	1.162	-0.001	99	9038	20.0	15.2	
6 Chloromethane	50	1.270	1.271	-0.001	99	83740	20.0	21.1	
7 Vinyl chloride	62	1.331	1.332	-0.001	99	77998	20.0	23.5	
8 Butadiene	54	1.349	1.344	0.005	98	66894	20.0	20.6	
9 Bromomethane	94	1.544	1.539	0.005	99	40627	20.0	21.2	
10 Chloroethane	64	1.599	1.600	-0.001	99	38743	20.0	24.2	
12 Dichlorofluoromethane	67	1.714	1.715	-0.001	99	119010	20.0	23.0	
11 Trichlorofluoromethane	101	1.726	1.721	0.005	98	100497	20.0	22.5	
13 Pentane	43	1.757	1.752	0.005	94	145606	40.0	37.9	
14 Ethanol	46	1.854	1.855	-0.001	98	8460	800.0	890.6	
15 Ethyl ether	59	1.891	1.892	-0.001	93	46182	20.0	25.5	
16 2-Methyl-1,3-butadiene	53	1.909	1.910	-0.001	97	49481	20.0	22.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.921	1.922	-0.001	96	46960	20.0	21.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.958	1.958	0.000	97	91112	20.0	24.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.012	2.013	-0.001	98	64028	20.0	24.2	
19 Acrolein	56	2.024	2.019	0.005	56	13536	40.0	24.5	
21 1,1-Dichloroethene	96	2.049	2.044	0.005	99	53544	20.0	23.6	
22 Acetone	43	2.110	2.111	-0.001	85	88139	100.0	121.4	
23 Iodomethane	142	2.164	2.165	-0.001	100	72175	20.0	28.5	
25 Isopropyl alcohol	45	2.170	2.171	-0.001	59	33308	200.0	210.8	
24 Carbon disulfide	76	2.195	2.196	-0.001	99	203811	20.0	22.0	
26 3-Chloro-1-propene	76	2.286	2.281	0.005	95	33112	20.0	24.6	
28 Methyl acetate	43	2.292	2.293	-0.001	99	72016	40.0	34.3	
27 Cyclopentene	67	2.304	2.305	-0.001	94	108765	20.0	23.8	
29 Acetonitrile	41	2.335	2.336	-0.001	98	90251	200.0	218.6	
* 30 TBA-d9 (IS)	65	2.365	2.366	-0.001	75	256076	1000.0	1000.0	
31 Methylene Chloride	84	2.383	2.390	-0.007	95	65915	20.0	27.6	
32 2-Methyl-2-propanol	59	2.420	2.427	-0.007	98	44610	200.0	216.9	
33 Methyl tert-butyl ether	73	2.505	2.506	-0.001	96	113327	20.0	22.9	
34 trans-1,2-Dichloroethene	96	2.535	2.536	-0.001	96	49570	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Acrylonitrile	53	2.590	2.591	-0.001	92	157005	200.0	153.8	
36 Hexane	57	2.657	2.652	0.005	94	32549	20.0	15.6	
37 Isopropyl ether	45	2.821	2.822	-0.001	97	139970	20.0	22.5	
38 1,1-Dichloroethane	63	2.858	2.859	-0.001	99	108677	20.0	23.8	
39 Vinyl acetate	43	2.864	2.865	-0.001	100	213065	40.0	53.7	
40 2-Chloro-1,3-butadiene	88	2.894	2.895	-0.001	92	53198	20.0	27.2	
41 Tert-butyl ethyl ether	59	3.095	3.090	0.005	88	148961	20.0	21.3	
* 43 2-Butanone-d5	46	3.272	3.273	0.000	98	345680	250.0	250.0	
42 2,2-Dichloropropane	79	3.278	3.279	-0.001	66	34345	20.0	20.6	
44 cis-1,2-Dichloroethene	96	3.308	3.303	0.005	97	72759	20.0	21.4	
46 2-Butanone (MEK)	72	3.314	3.321	-0.007	96	29529	100.0	108.8	
45 Ethyl acetate	70	3.326	3.327	-0.001	96	10050	40.0	39.0	
47 Methyl acrylate	55	3.369	3.370	-0.001	100	44210	20.0	21.7	
48 Propionitrile	54	3.436	3.437	-0.001	97	82562	200.0	156.9	
50 Chlorobromomethane	128	3.509	3.510	-0.001	91	38085	20.0	21.5	
49 Tetrahydrofuran	72	3.515	3.510	0.005	92	12743	40.0	44.7	
51 Methacrylonitrile	67	3.527	3.528	-0.001	95	240055	200.0	241.6	
52 Chloroform	83	3.551	3.552	-0.001	99	131066	20.0	22.4	
53 Cyclohexane	84	3.667	3.668	-0.001	94	73879	20.0	19.9	
54 1,1,1-Trichloroethane	97	3.685	3.680	0.005	99	103254	20.0	20.8	
$ 55 Dibromofluoromethane (Surr)	113	3.697	3.698	-0.001	96	185098	50.0	51.0	
56 Carbon tetrachloride	117	3.789	3.796	-0.007	98	89504	20.0	21.5	
57 1,1-Dichloropropene	75	3.819	3.826	-0.007	95	82111	20.0	20.7	
58 Isobutyl alcohol	43	3.947	3.954	-0.007	95	72910	500.0	393.6	
59 Isooctane	57	3.971	3.972	-0.001	97	105424	20.0	21.9	
60 Benzene	78	4.008	4.009	-0.001	97	247580	20.0	19.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.026	4.027	-0.001	0	186931	50.0	51.7	
62 Isopropyl acetate	43	4.062	4.063	-0.001	95	145100	20.0	22.8	
63 Tert-amyl methyl ether	55	4.075	4.069	0.006	91	38878	20.0	22.6	
64 1,2-Dichloroethane	62	4.093	4.100	-0.007	97	90759	20.0	21.1	
65 n-Heptane	57	4.154	4.155	-0.001	97	20858	20.0	18.7	
* 66 Fluorobenzene	96	4.281	4.282	-0.001	99	681622	50.0	50.0	
67 n-Butanol	56	4.616	4.617	-0.001	89	26276	500.0	469.5	
68 Trichloroethene	95	4.628	4.629	-0.001	98	63134	20.0	20.2	
69 Methylcyclohexane	83	4.744	4.745	-0.001	93	70238	20.0	20.9	
70 Ethyl acrylate	55	4.756	4.757	-0.001	97	120959	20.0	22.2	
71 1,2-Dichloropropane	63	4.914	4.915	-0.001	93	69839	20.0	23.0	
* 72 1,4-Dioxane-d8	96	4.987	4.994	-0.007	0	35912	1000.0	1000.0	
73 Methyl methacrylate	100	5.011	5.006	0.005	93	25680	40.0	47.4	
75 1,4-Dioxane	88	5.042	5.049	-0.007	43	13940	400.0	471.1	
74 Dibromomethane	93	5.048	5.049	-0.001	97	50421	20.0	22.5	
76 n-Propyl acetate	43	5.072	5.073	-0.001	97	77946	20.0	26.1	
77 Dichlorobromomethane	83	5.212	5.213	-0.001	98	93411	20.0	21.4	
78 2-Nitropropane	41	5.559	5.560	-0.001	93	26787	40.0	26.0	
79 2-Chloroethyl vinyl ether	63	5.577	5.572	0.005	82	23407	20.0	26.2	
80 Epichlorohydrin	57	5.681	5.682	-0.001	98	99337	400.0	447.8	
81 cis-1,3-Dichloropropene	75	5.735	5.736	-0.001	95	107712	20.0	20.7	
82 4-Methyl-2-pentanone (MIBK)	43	5.918	5.919	-0.001	98	264709	100.0	118.8	
$ 83 Toluene-d8 (Surr)	98	5.985	5.986	-0.001	99	573047	50.0	50.8	
84 Toluene	91	6.070	6.071	-0.001	94	252995	20.0	20.5	
85 trans-1,3-Dichloropropene	75	6.471	6.472	-0.001	99	93568	20.0	20.5	
86 Ethyl methacrylate	69	6.514	6.515	-0.001	93	65417	20.0	25.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.703	6.704	-0.001	97	52623	20.0	21.0	
88 Tetrachloroethene	166	6.733	6.734	-0.001	96	64986	20.0	20.1	
89 1,3-Dichloropropane	76	6.928	6.929	-0.001	94	92834	20.0	21.6	
90 2-Hexanone	58	7.019	7.020	-0.001	98	104033	100.0	129.2	
91 n-Butyl acetate	43	7.165	7.166	-0.001	98	90777	20.0	26.0	
92 Chlorodibromomethane	129	7.183	7.184	-0.001	98	73346	20.0	20.6	
93 Ethylene Dibromide	107	7.341	7.342	-0.001	99	64995	20.0	20.5	
* 94 Chlorobenzene-d5	117	7.944	7.945	-0.001	86	546414	50.0	50.0	
95 Chlorobenzene	112	7.980	7.981	-0.001	95	171284	20.0	21.0	
96 Ethylbenzene	106	8.090	8.091	-0.001	99	83466	20.0	21.5	
97 1,1,1,2-Tetrachloroethane	131	8.108	8.109	-0.001	94	62560	20.0	20.9	
98 m-Xylene & p-Xylene	106	8.242	8.243	-0.001	0	102845	20.0	21.9	
99 o-Xylene	106	8.698	8.699	-0.001	94	102752	20.0	22.1	
100 n-Butyl acrylate	73	8.716	8.717	-0.001	96	45641	20.0	25.5	
101 Styrene	104	8.734	8.735	-0.001	94	172397	20.0	22.1	
103 Bromoform	173	8.947	8.948	-0.001	96	49903	20.0	20.5	
102 Amyl acetate (mixed isomers)	43	8.966	8.967	-0.001	88	101617	20.0	26.9	
104 Isopropylbenzene	105	9.081	9.082	-0.001	96	250120	20.0	23.0	
$ 105 4-Bromofluorobenzene	174	9.282	9.283	-0.001	93	205727	50.0	49.7	
106 Bromobenzene	156	9.404	9.411	-0.007	95	78397	20.0	22.2	
107 1,1,2,2-Tetrachloroethane	83	9.483	9.484	-0.001	97	78294	20.0	22.5	
108 N-Propylbenzene	91	9.495	9.490	0.005	99	297414	20.0	24.1	
109 1,2,3-Trichloropropane	110	9.519	9.520	-0.001	98	19724	20.0	21.7	
110 trans-1,4-Dichloro-2-butene	53	9.544	9.545	-0.001	91	21656	20.0	23.0	a
111 2-Chlorotoluene	91	9.592	9.593	-0.001	98	214562	20.0	24.2	
112 4-Ethyltoluene	105	9.604	9.605	-0.001	98	247270	20.0	24.3	
113 1,3,5-Trimethylbenzene	105	9.671	9.672	-0.001	92	204953	20.0	24.2	
114 4-Chlorotoluene	91	9.702	9.703	-0.001	98	195433	20.0	22.6	
115 Butyl Methacrylate	87	9.787	9.788	-0.001	95	71912	20.0	25.8	
116 tert-Butylbenzene	119	9.951	9.952	-0.001	93	163768	20.0	23.6	
117 1,2,4-Trimethylbenzene	105	10.012	10.013	-0.001	98	216260	20.0	24.0	
118 sec-Butylbenzene	105	10.152	10.147	0.005	99	234913	20.0	24.2	
120 1,3-Dichlorobenzene	146	10.274	10.268	0.006	97	133875	20.0	22.2	
119 4-Isopropyltoluene	119	10.280	10.281	-0.001	97	198604	20.0	23.9	
* 121 1,4-Dichlorobenzene-d4	152	10.334	10.335	-0.001	95	280067	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.359	10.360	-0.001	95	135185	20.0	20.8	
123 1,2,3-Trimethylbenzene	105	10.377	10.378	-0.001	99	229938	20.0	23.7	
124 Benzyl chloride	91	10.487	10.488	-0.001	98	135905	20.0	23.8	
125 2,3-Dihydroindene	117	10.541	10.542	-0.001	94	228048	20.0	23.4	
126 p-Diethylbenzene	119	10.602	10.603	-0.001	91	117186	20.0	23.0	
127 n-Butylbenzene	92	10.620	10.621	-0.001	97	99515	20.0	23.4	
128 1,2-Dichlorobenzene	146	10.669	10.670	-0.001	97	134661	20.0	22.7	
129 1,2,4,5-Tetramethylbenzene	119	11.229	11.230	-0.001	98	188558	20.0	24.8	
130 1,2-Dibromo-3-Chloropropane	157	11.308	11.309	-0.001	96	16625	20.0	22.3	
131 1,3,5-Trichlorobenzene	180	11.417	11.418	-0.001	98	91071	20.0	22.4	
132 1,2,4-Trichlorobenzene	180	11.898	11.893	0.005	94	86001	20.0	23.1	
133 Hexachlorobutadiene	225	11.977	11.978	-0.001	96	30717	20.0	21.3	
134 Naphthalene	128	12.080	12.075	0.005	100	271140	20.0	31.5	
135 1,2,3-Trichlorobenzene	180	12.257	12.252	0.005	97	81545	20.0	24.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.7	
S 137 Xylenes, Total	100				0		40.0	44.0	
S 138 Total BTEX	1				0		100.0	105.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524FREONS_00015	Amount Added:	20.00	Units: uL	
ACROLEIN W_00166	Amount Added:	4.00	Units: uL	
GASES Li_00576	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00184	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

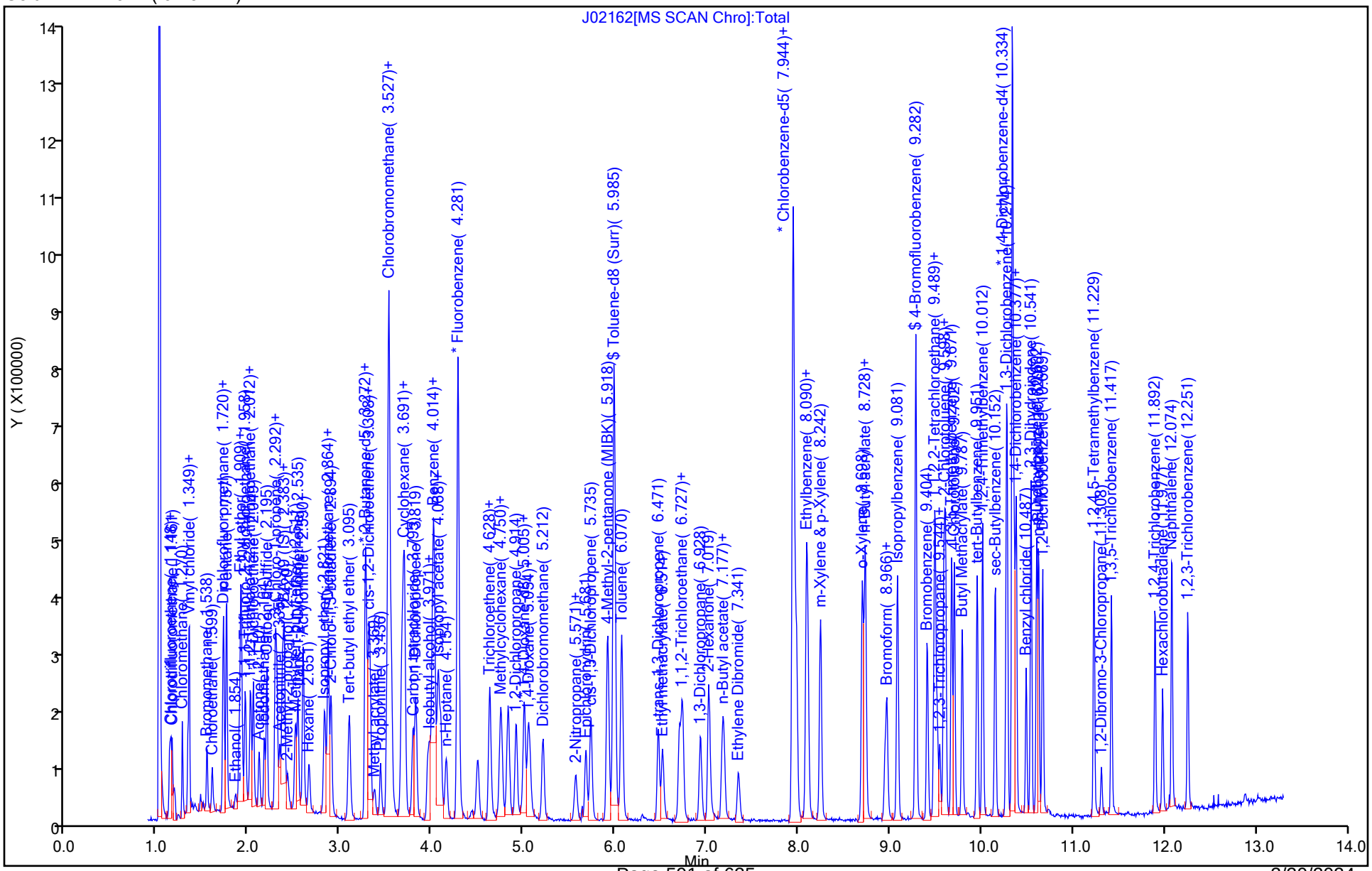
Report Date: 19-Mar-2024 12:20:59 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02162.D

Injection Date:	18-Mar-2024 21:20:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



3/20/2024
1:03:26 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02162.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 18-Mar-2024 21:20:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 12:20:53 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 19-Mar-2024 04:01:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.0	102.00
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	51.7	103.41
$ 83 Toluene-d8 (Surr)	50.0	50.8	101.70
$ 105 4-Bromofluorobenzene	50.0	49.7	99.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-964707/5

Matrix: Water | Lab File ID: J02163.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2024 21:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.0		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.6		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.6		1.0	0.31
79-00-5	1,1,2-Trichloroethane	20.7		1.0	0.20
75-34-3	1,1-Dichloroethane	21.8		1.0	0.26
75-35-4	1,1-Dichloroethene	21.5		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	22.5		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	22.1		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	22.6		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.5		1.0	0.21
107-06-2	1,2-Dichloroethane	20.3		1.0	0.43
78-87-5	1,2-Dichloropropane	21.1		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	23.2		1.0	0.33
541-73-1	1,3-Dichlorobenzene	20.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.33
78-93-3	2-Butanone (MEK)	99.5		5.0	1.9
591-78-6	2-Hexanone	110		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	111		5.0	1.3
67-64-1	Acetone	115		5.0	4.4
71-43-2	Benzene	20.2		1.0	0.20
75-25-2	Bromoform	20.1		1.0	0.54
74-83-9	Bromomethane	19.9		1.0	0.55
75-15-0	Carbon disulfide	16.4		1.0	0.82
56-23-5	Carbon tetrachloride	18.7		1.0	0.21
108-90-7	Chlorobenzene	19.5		1.0	0.38
74-97-5	Chlorobromomethane	20.2		1.0	0.41
124-48-1	Chlorodibromomethane	19.6		1.0	0.28
75-00-3	Chloroethane	22.5		1.0	0.32
67-66-3	Chloroform	20.7		1.0	0.33
74-87-3	Chloromethane	18.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.3		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-964707/5

Matrix: Water | Lab File ID: J02163.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2024 21:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	17.0		1.0	0.32
75-27-4	Dichlorobromomethane	20.3		1.0	0.34
75-71-8	Dichlorodifluoromethane	15.0		1.0	0.31
100-41-4	Ethylbenzene	21.1		1.0	0.30
106-93-4	Ethylene Dibromide	20.1		1.0	0.50
98-82-8	Isopropylbenzene	20.6		1.0	0.34
79-20-9	Methyl acetate	33.9		5.0	0.79
1634-04-4	Methyl tert-butyl ether	21.3		1.0	0.22
108-87-2	Methylcyclohexane	17.5		1.0	0.71
75-09-2	Methylene Chloride	20.2		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.6		1.0	0.30
104-51-8	n-Butylbenzene	22.4		1.0	0.32
103-65-1	N-Propylbenzene	22.1		1.0	0.32
95-47-6	o-Xylene	20.5		1.0	0.36
135-98-8	sec-Butylbenzene	22.6		1.0	0.37
100-42-5	Styrene	20.4		1.0	0.42
98-06-6	tert-Butylbenzene	21.4		1.0	0.34
127-18-4	Tetrachloroethene	19.2		1.0	0.25
108-88-3	Toluene	19.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.8		1.0	0.22
79-01-6	Trichloroethene	19.6		1.0	0.31
75-69-4	Trichlorofluoromethane	20.9		1.0	0.32
75-01-4	Vinyl chloride	19.8		1.0	0.17
1330-20-7	Xylenes, Total	41.1		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02163.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 18-Mar-2024 21:45:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LLCCV
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 12:20:53 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 19-Mar-2024 04:02:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.122	1.125	-0.003	85	1480	20.0	7.66	
4 Dichlorodifluoromethane	85	1.146	1.149	-0.003	100	62698	20.0	15.0	
5 Chlorodifluoromethane	67	1.164	1.162	0.002	98	8803	20.0	13.8	
6 Chloromethane	50	1.274	1.271	0.003	100	79707	20.0	18.8	
7 Vinyl chloride	62	1.335	1.332	0.003	99	70389	20.0	19.8	
8 Butadiene	54	1.347	1.344	0.003	98	65213	20.0	18.8	
9 Bromomethane	94	1.542	1.539	0.003	98	40914	20.0	19.9	
10 Chloroethane	64	1.596	1.600	-0.004	100	38518	20.0	22.5	
12 Dichlorofluoromethane	67	1.718	1.715	0.003	99	121168	20.0	21.9	
11 Trichlorofluoromethane	101	1.724	1.721	0.003	99	99951	20.0	20.9	
13 Pentane	43	1.754	1.752	0.002	97	130669	40.0	31.8	
14 Ethanol	46	1.852	1.855	-0.003	100	8817	800.0	1022.8	
15 Ethyl ether	59	1.894	1.892	0.002	97	47784	20.0	24.6	
16 2-Methyl-1,3-butadiene	53	1.907	1.910	-0.003	99	44952	20.0	18.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.919	1.922	-0.003	93	47654	20.0	20.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.961	1.958	0.003	97	88164	20.0	21.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.016	2.013	0.003	97	55668	20.0	19.6	
19 Acrolein	56	2.022	2.019	0.003	60	14961	40.0	29.9	
21 1,1-Dichloroethene	96	2.046	2.044	0.002	98	52209	20.0	21.5	
22 Acetone	43	2.107	2.111	-0.004	84	95196	100.0	114.6	
23 Iodomethane	142	2.168	2.165	0.003	97	68217	20.0	25.1	
25 Isopropyl alcohol	45	2.168	2.171	-0.003	54	35699	200.0	248.9	
24 Carbon disulfide	76	2.193	2.196	-0.004	100	163238	20.0	16.4	
26 3-Chloro-1-propene	76	2.284	2.281	0.003	92	26037	20.0	17.9	
28 Methyl acetate	43	2.290	2.293	-0.003	100	64675	40.0	33.9	
27 Cyclopentene	67	2.302	2.305	-0.003	94	85259	20.0	17.4	
29 Acetonitrile	41	2.339	2.336	0.002	99	63755	200.0	170.2	
* 30 TBA-d9 (IS)	65	2.369	2.366	0.003	77	232396	1000.0	1000.0	
31 Methylene Chloride	84	2.387	2.390	-0.003	93	51838	20.0	20.2	
32 2-Methyl-2-propanol	59	2.424	2.427	-0.003	99	39774	200.0	213.1	
33 Methyl tert-butyl ether	73	2.509	2.506	0.003	97	112839	20.0	21.3	
34 trans-1,2-Dichloroethene	96	2.533	2.536	-0.003	96	49532	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Acrylonitrile	53	2.588	2.591	-0.003	92	159499	200.0	172.2	
36 Hexane	57	2.655	2.652	0.003	91	27205	20.0	12.2	
37 Isopropyl ether	45	2.825	2.822	0.003	98	127155	20.0	19.1	
38 1,1-Dichloroethane	63	2.862	2.859	0.003	99	106579	20.0	21.8	
39 Vinyl acetate	43	2.868	2.865	0.003	100	236530	40.0	55.6	
40 2-Chloro-1,3-butadiene	88	2.898	2.895	0.003	94	51818	20.0	24.7	
41 Tert-butyl ethyl ether	59	3.093	3.090	0.003	89	166889	20.0	22.3	
* 43 2-Butanone-d5	46	3.269	3.273	-0.003	97	395728	250.0	250.0	
42 2,2-Dichloropropane	79	3.275	3.279	-0.004	59	32381	20.0	18.1	
44 cis-1,2-Dichloroethene	96	3.306	3.303	0.003	96	73112	20.0	20.1	
46 2-Butanone (MEK)	72	3.318	3.321	-0.003	95	30906	100.0	99.5	
45 Ethyl acetate	70	3.324	3.327	-0.003	96	11956	40.0	40.6	
47 Methyl acrylate	55	3.373	3.370	0.003	99	49224	20.0	22.6	
48 Propionitrile	54	3.434	3.437	-0.003	98	85964	200.0	180.0	
50 Chlorobromomethane	128	3.507	3.510	-0.003	89	38337	20.0	20.2	
49 Tetrahydrofuran	72	3.507	3.510	-0.003	59	13442	40.0	41.2	
51 Methacrylonitrile	67	3.531	3.528	0.003	94	252714	200.0	237.4	
52 Chloroform	83	3.555	3.552	0.003	99	129931	20.0	20.7	
53 Cyclohexane	84	3.671	3.668	0.003	93	67866	20.0	17.0	
54 1,1,1-Trichloroethane	97	3.683	3.680	0.003	98	101292	20.0	19.0	
$ 55 Dibromofluoromethane (Surr)	113	3.695	3.698	-0.003	95	193594	50.0	49.8	
56 Carbon tetrachloride	117	3.792	3.796	-0.004	99	83390	20.0	18.7	
57 1,1-Dichloropropene	75	3.823	3.826	-0.003	95	80706	20.0	19.0	
58 Isobutyl alcohol	43	3.957	3.954	0.003	95	69261	500.0	412.0	
59 Isooctane	57	4.060	3.972	0.088	23	1928	20.0	0.3741	
60 Benzene	78	4.005	4.009	-0.004	97	257993	20.0	20.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.024	4.027	-0.003	0	204349	50.0	52.8	
62 Isopropyl acetate	43	4.066	4.063	0.003	92	164977	20.0	24.2	
63 Tert-amyl methyl ether	55	4.072	4.069	0.003	79	41782	20.0	22.6	
64 1,2-Dichloroethane	62	4.097	4.100	-0.003	97	93836	20.0	20.3	
65 n-Heptane	57	4.151	4.155	-0.004	96	22402	20.0	18.8	
* 66 Fluorobenzene	96	4.279	4.282	-0.003	98	730242	50.0	50.0	
67 n-Butanol	56	4.614	4.617	-0.003	93	25286	500.0	497.9	
68 Trichloroethene	95	4.632	4.629	0.003	98	65548	20.0	19.6	
69 Methylcyclohexane	83	4.748	4.745	0.003	91	62998	20.0	17.5	
70 Ethyl acrylate	55	4.760	4.757	0.003	98	119652	20.0	20.5	
71 1,2-Dichloropropane	63	4.918	4.915	0.003	92	68542	20.0	21.1	
* 72 1,4-Dioxane-d8	96	4.985	4.994	-0.009	0	32944	1000.0	1000.0	
73 Methyl methacrylate	100	5.003	5.006	-0.003	94	27261	40.0	47.0	
75 1,4-Dioxane	88	5.040	5.049	-0.009	44	13050	400.0	480.8	
74 Dibromomethane	93	5.052	5.049	0.003	98	49434	20.0	20.6	
76 n-Propyl acetate	43	5.070	5.073	-0.003	97	84646	20.0	26.4	
77 Dichlorobromomethane	83	5.210	5.213	-0.003	99	94839	20.0	20.3	
78 2-Nitropropane	41	5.557	5.560	-0.003	99	30387	40.0	32.5	
79 2-Chloroethyl vinyl ether	63	5.575	5.572	0.003	89	26815	20.0	28.0	
80 Epichlorohydrin	57	5.678	5.682	-0.004	99	98159	400.0	386.5	
81 cis-1,3-Dichloropropene	75	5.733	5.736	-0.003	94	108386	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	43	5.916	5.919	-0.003	98	282617	100.0	110.8	
$ 83 Toluene-d8 (Surr)	98	5.989	5.986	0.003	99	603548	50.0	52.3	
84 Toluene	91	6.074	6.071	0.003	93	251611	20.0	19.9	
85 trans-1,3-Dichloropropene	75	6.469	6.472	-0.003	98	97128	20.0	20.8	
86 Ethyl methacrylate	69	6.518	6.515	0.003	91	67677	20.0	24.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.700	6.704	-0.004	96	53211	20.0	20.7	
88 Tetrachloroethene	166	6.737	6.734	0.003	98	63576	20.0	19.2	
89 1,3-Dichloropropane	76	6.932	6.929	0.003	95	91054	20.0	20.7	
90 2-Hexanone	58	7.023	7.020	0.003	98	101047	100.0	109.7	
91 n-Butyl acetate	43	7.169	7.166	0.003	98	88408	20.0	24.7	
92 Chlorodibromomethane	129	7.187	7.184	0.003	98	71367	20.0	19.6	
93 Ethylene Dibromide	107	7.345	7.342	0.003	100	65263	20.0	20.1	
* 94 Chlorobenzene-d5	117	7.941	7.945	-0.004	86	560044	50.0	50.0	
95 Chlorobenzene	112	7.978	7.981	-0.003	95	163256	20.0	19.5	
96 Ethylbenzene	106	8.087	8.091	-0.004	98	83652	20.0	21.1	
97 1,1,1,2-Tetrachloroethane	131	8.100	8.109	-0.009	96	58129	20.0	18.9	
98 m-Xylene & p-Xylene	106	8.239	8.243	-0.004	0	99171	20.0	20.6	
99 o-Xylene	106	8.696	8.699	-0.003	94	97594	20.0	20.5	
100 n-Butyl acrylate	73	8.720	8.717	0.003	96	42060	20.0	22.9	
101 Styrene	104	8.732	8.735	-0.003	95	162846	20.0	20.4	
103 Bromoform	173	8.945	8.948	-0.003	96	50166	20.0	20.1	
102 Amyl acetate (mixed isomers)	43	8.969	8.967	0.002	88	98547	20.0	26.2	
104 Isopropylbenzene	105	9.079	9.082	-0.003	96	229458	20.0	20.6	
$ 105 4-Bromofluorobenzene	174	9.286	9.283	0.003	96	203706	50.0	48.0	
106 Bromobenzene	156	9.407	9.411	-0.004	92	75256	20.0	21.3	
107 1,1,2,2-Tetrachloroethane	83	9.480	9.484	-0.004	99	78498	20.0	22.6	
108 N-Propylbenzene	91	9.493	9.490	0.003	99	272108	20.0	22.1	
109 1,2,3-Trichloropropane	110	9.517	9.520	-0.003	97	19254	20.0	21.2	
110 trans-1,4-Dichloro-2-butene	53	9.541	9.545	-0.004	92	21146	20.0	22.5	a
111 2-Chlorotoluene	91	9.590	9.593	-0.003	98	200310	20.0	22.6	
112 4-Ethyltoluene	105	9.608	9.605	0.003	98	229359	20.0	22.6	
113 1,3,5-Trimethylbenzene	105	9.675	9.672	0.003	93	195610	20.0	23.2	
114 4-Chlorotoluene	91	9.699	9.703	-0.004	98	184814	20.0	21.4	
115 Butyl Methacrylate	87	9.791	9.788	0.003	93	69272	20.0	24.9	
116 tert-Butylbenzene	119	9.955	9.952	0.003	93	148227	20.0	21.4	
117 1,2,4-Trimethylbenzene	105	10.010	10.013	-0.003	98	203183	20.0	22.6	
118 sec-Butylbenzene	105	10.150	10.147	0.003	99	218558	20.0	22.6	
120 1,3-Dichlorobenzene	146	10.271	10.268	0.003	96	121226	20.0	20.2	
119 4-Isopropyltoluene	119	10.277	10.281	-0.004	97	183768	20.0	22.1	
* 121 1,4-Dichlorobenzene-d4	152	10.338	10.335	0.003	95	279504	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.357	10.360	-0.004	96	128075	20.0	19.8	
123 1,2,3-Trimethylbenzene	105	10.381	10.378	0.003	98	221741	20.0	22.9	
124 Benzyl chloride	91	10.484	10.488	-0.004	98	129590	20.0	22.8	
125 2,3-Dihydroindene	117	10.539	10.542	-0.003	94	213145	20.0	21.9	
126 p-Diethylbenzene	119	10.600	10.603	-0.003	93	110111	20.0	21.7	
127 n-Butylbenzene	92	10.624	10.621	0.003	97	95052	20.0	22.4	
128 1,2-Dichlorobenzene	146	10.667	10.670	-0.003	97	121177	20.0	20.5	
129 1,2,4,5-Tetramethylbenzene	119	11.226	11.230	-0.004	97	171689	20.0	22.6	
130 1,2-Dibromo-3-Chloropropane	157	11.312	11.309	0.003	94	15726	20.0	21.1	
131 1,3,5-Trichlorobenzene	180	11.421	11.418	0.003	97	88703	20.0	21.9	
132 1,2,4-Trichlorobenzene	180	11.896	11.893	0.003	94	82040	20.0	22.1	
133 Hexachlorobutadiene	225	11.981	11.978	0.003	95	27237	20.0	18.9	
134 Naphthalene	128	12.078	12.075	0.003	99	254204	20.0	29.6	
135 1,2,3-Trichlorobenzene	180	12.255	12.252	0.003	95	76252	20.0	22.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.0	
S 137 Xylenes, Total	100				0		40.0	41.1	
S 138 Total BTEX	1				0		100.0	102.2	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524FREONS_00015	Amount Added:	20.00	Units: uL	
ACROLEIN W_00166	Amount Added:	4.00	Units: uL	
GASES Li_00576	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00184	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 19-Mar-2024 12:21:07 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02163.D

Injection Date: 18-Mar-2024 21:45:30 Instrument ID: CVOAMS8 Operator ID:

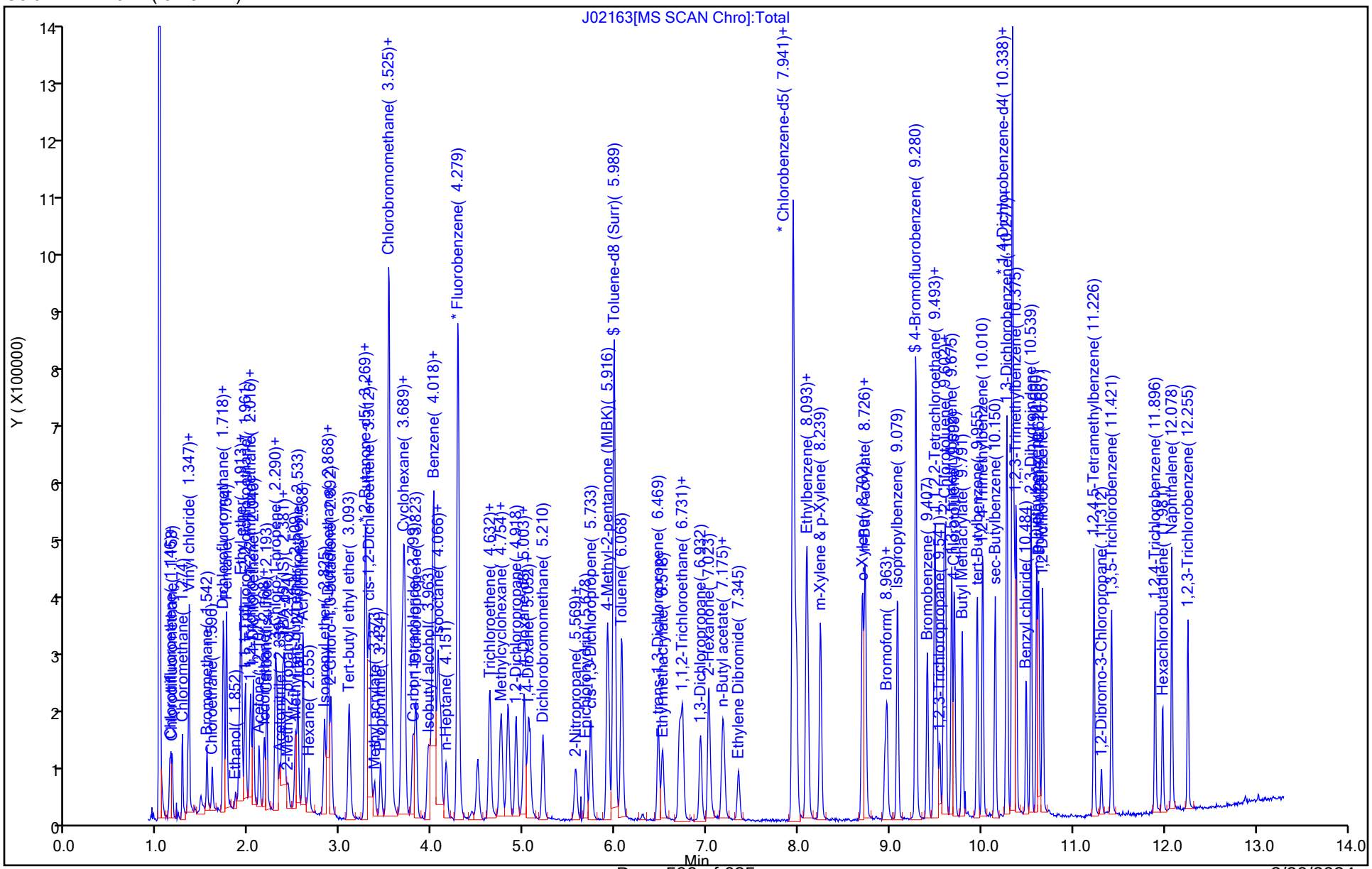
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



3/20/2024
1:03:26 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02163.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 18-Mar-2024 21:45:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LLCCV
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 12:20:53 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 19-Mar-2024 04:02:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.8	99.58
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	52.8	105.52
$ 83 Toluene-d8 (Surr)	50.0	52.3	104.50
$ 105 4-Bromofluorobenzene	50.0	48.0	96.06

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: MW-06_20240314 MS | Lab Sample ID: 460-300167-1 MS

Matrix: Water | Lab File ID: J02188.D

Analysis Method: 8260D | Date Collected: 03/14/2024 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 08:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.7		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.6		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.5		1.0	0.20
75-34-3	1,1-Dichloroethane	24.5		1.0	0.26
75-35-4	1,1-Dichloroethene	23.0		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	18.8		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.3		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	22.9		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.6		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.21
107-06-2	1,2-Dichloroethane	18.4		1.0	0.43
78-87-5	1,2-Dichloropropane	20.2		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	22.1		1.0	0.33
541-73-1	1,3-Dichlorobenzene	19.4		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.4		1.0	0.33
78-93-3	2-Butanone (MEK)	91.3		5.0	1.9
591-78-6	2-Hexanone	95.3		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	103		5.0	1.3
67-64-1	Acetone	86.5		5.0	4.4
71-43-2	Benzene	20.3		1.0	0.20
75-25-2	Bromoform	19.2		1.0	0.54
74-83-9	Bromomethane	16.0		1.0	0.55
75-15-0	Carbon disulfide	17.6		1.0	0.82
56-23-5	Carbon tetrachloride	18.7		1.0	0.21
108-90-7	Chlorobenzene	19.2		1.0	0.38
74-97-5	Chlorobromomethane	18.6		1.0	0.41
124-48-1	Chlorodibromomethane	19.4		1.0	0.28
75-00-3	Chloroethane	20.7		1.0	0.32
67-66-3	Chloroform	19.0		1.0	0.33
74-87-3	Chloromethane	15.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.5		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: MW-06_20240314 MS | Lab Sample ID: 460-300167-1 MS

Matrix: Water | Lab File ID: J02188.D

Analysis Method: 8260D | Date Collected: 03/14/2024 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 08:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	16.8		1.0	0.32
75-27-4	Dichlorobromomethane	18.6		1.0	0.34
75-71-8	Dichlorodifluoromethane	15.4		1.0	0.31
100-41-4	Ethylbenzene	19.7		1.0	0.30
106-93-4	Ethylene Dibromide	20.2		1.0	0.50
98-82-8	Isopropylbenzene	20.5		1.0	0.34
79-20-9	Methyl acetate	34.0		5.0	0.79
1634-04-4	Methyl tert-butyl ether	24.6		1.0	0.22
108-87-2	Methylcyclohexane	17.9		1.0	0.71
75-09-2	Methylene Chloride	24.0		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.4		1.0	0.30
104-51-8	n-Butylbenzene	20.4		1.0	0.32
103-65-1	N-Propylbenzene	21.2		1.0	0.32
95-47-6	o-Xylene	19.7		1.0	0.36
135-98-8	sec-Butylbenzene	21.0		1.0	0.37
100-42-5	Styrene	20.7		1.0	0.42
98-06-6	tert-Butylbenzene	20.4		1.0	0.34
127-18-4	Tetrachloroethene	70.7		1.0	0.25
108-88-3	Toluene	20.6		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.3		1.0	0.22
79-01-6	Trichloroethene	19.3		1.0	0.31
75-69-4	Trichlorofluoromethane	20.5		1.0	0.32
75-01-4	Vinyl chloride	18.4		1.0	0.17
1330-20-7	Xylenes, Total	40.1		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	94		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02188.D
Lims ID: 460-300167-A-1 MS
Client ID: MW-06_20240314
Sample Type: MS
Inject. Date: 19-Mar-2024 08:20:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-A-1 MS
Misc. Info.: 460-0173523-030
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 12:20:53 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: K0HS Date: 19-Mar-2024 12:19:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.125	1.125	0.000	81	1801	20.0	8.90	
4 Dichlorodifluoromethane	85	1.144	1.149	-0.005	99	67407	20.0	15.4	
5 Chlorodifluoromethane	67	1.162	1.162	0.000	99	8607	20.0	12.9	
6 Chloromethane	50	1.271	1.271	0.000	99	70645	20.0	15.9	
7 Vinyl chloride	62	1.332	1.332	0.000	98	68780	20.0	18.4	
8 Butadiene	54	1.344	1.344	0.000	97	70913	20.0	19.5	
9 Bromomethane	94	1.539	1.539	0.000	99	34427	20.0	16.0	
10 Chloroethane	64	1.594	1.600	-0.006	100	37122	20.0	20.7	
12 Dichlorofluoromethane	67	1.715	1.715	0.000	99	115260	20.0	19.9	
11 Trichlorofluoromethane	101	1.721	1.721	0.000	99	102944	20.0	20.5	
13 Pentane	43	1.752	1.752	0.000	94	137254	40.0	31.9	
14 Ethanol	46	1.849	1.855	-0.006	96	4227	800.0	373.0	
15 Ethyl ether	59	1.892	1.892	0.000	94	47271	20.0	23.2	
16 2-Methyl-1,3-butadiene	53	1.910	1.910	0.000	98	46130	20.0	18.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.916	1.922	-0.006	94	51144	20.0	21.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.959	1.958	0.001	97	93566	20.0	21.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.013	2.013	0.000	97	61381	20.0	20.6	
19 Acrolein	56	2.020	2.019	0.000	55	14588	40.0	22.1	
21 1,1-Dichloroethene	96	2.044	2.044	0.000	98	58624	20.0	23.0	
22 Acetone	43	2.105	2.111	-0.006	86	73393	100.0	86.5	
23 Iodomethane	142	2.166	2.165	0.001	97	70862	20.0	24.9	
25 Isopropyl alcohol	45	2.166	2.171	-0.005	43	22581	200.0	119.8	
24 Carbon disulfide	76	2.190	2.196	-0.006	100	183443	20.0	17.6	
26 3-Chloro-1-propene	76	2.287	2.281	0.006	95	35972	20.0	23.8	
28 Methyl acetate	43	2.287	2.293	-0.006	100	85188	40.0	34.0	
27 Cyclopentene	67	2.305	2.305	0.000	95	112979	20.0	22.1	
29 Acetonitrile	41	2.336	2.336	0.000	99	72564	200.0	147.3	
* 30 TBA-d9 (IS)	65	2.366	2.366	0.000	87	305496	1000.0	1000.0	
31 Methylene Chloride	84	2.385	2.390	-0.005	95	64244	20.0	24.0	
32 2-Methyl-2-propanol	59	2.421	2.427	-0.006	98	32293	200.0	131.6	
33 Methyl tert-butyl ether	73	2.506	2.506	0.000	96	136753	20.0	24.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.531	2.536	-0.005	96	52779	20.0	19.2	
35 Acrylonitrile	53	2.591	2.591	0.000	92	175091	200.0	143.8	
36 Hexane	57	2.652	2.652	0.000	91	42436	20.0	18.2	
37 Isopropyl ether	45	2.823	2.822	0.001	99	190498	20.0	27.3	
38 1,1-Dichloroethane	63	2.859	2.859	0.000	99	125772	20.0	24.5	
39 Vinyl acetate	43	2.865	2.865	0.000	100	277618	40.0	62.3	
40 2-Chloro-1,3-butadiene	88	2.896	2.895	0.001	92	53770	20.0	24.5	
41 Tert-butyl ethyl ether	59	3.096	3.090	0.006	87	171322	20.0	21.9	
* 43 2-Butanone-d5	46	3.267	3.273	-0.005	96	404087	250.0	250.0	
42 2,2-Dichloropropane	79	3.273	3.279	-0.006	58	29141	20.0	15.6	
44 cis-1,2-Dichloroethene	96	3.303	3.303	0.000	99	71723	20.0	18.8	
46 2-Butanone (MEK)	72	3.321	3.321	0.000	95	28971	100.0	91.3	
45 Ethyl acetate	70	3.321	3.327	-0.006	97	11287	40.0	37.4	
47 Methyl acrylate	55	3.370	3.370	0.000	100	50270	20.0	22.0	
48 Propionitrile	54	3.437	3.437	0.000	97	74414	200.0	118.6	
50 Chlorobromomethane	128	3.504	3.510	-0.006	91	36793	20.0	18.6	
49 Tetrahydrofuran	72	3.510	3.510	0.000	52	12364	40.0	37.1	
51 Methacrylonitrile	67	3.528	3.528	0.000	94	250021	200.0	224.2	
52 Chloroform	83	3.553	3.552	0.001	97	125178	20.0	19.0	
53 Cyclohexane	84	3.668	3.668	0.000	95	70057	20.0	16.8	
54 1,1,1-Trichloroethane	97	3.674	3.680	-0.006	99	99033	20.0	17.7	
$ 55 Dibromofluoromethane (Surr)	113	3.699	3.698	0.001	97	191137	50.0	46.9	
56 Carbon tetrachloride	117	3.790	3.796	-0.006	99	87359	20.0	18.7	
57 1,1-Dichloropropene	75	3.820	3.826	-0.006	95	82449	20.0	18.5	
58 Isobutyl alcohol	43	3.954	3.954	0.000	94	51926	500.0	235.0	
59 Isooctane	57	3.972	3.972	0.000	96	98377	20.0	18.2	
60 Benzene	78	4.003	4.009	-0.006	97	253198	20.0	20.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.021	4.027	-0.006	0	198544	50.0	48.9	
62 Isopropyl acetate	43	4.064	4.063	0.001	92	163001	20.0	22.8	
63 Tert-amyl methyl ether	55	4.070	4.069	0.001	80	42368	20.0	21.9	
64 1,2-Dichloroethane	62	4.094	4.100	-0.006	98	88923	20.0	18.4	
65 n-Heptane	57	4.155	4.155	0.000	94	18986	20.0	15.2	
* 66 Fluorobenzene	96	4.283	4.282	0.001	99	764778	50.0	50.0	
67 n-Butanol	56	4.617	4.617	0.000	38	13894	500.0	208.1	
68 Trichloroethene	95	4.623	4.629	-0.006	98	67372	20.0	19.3	
69 Methylcyclohexane	83	4.739	4.745	-0.006	93	67605	20.0	17.9	
70 Ethyl acrylate	55	4.763	4.757	0.006	98	126554	20.0	20.7	
71 1,2-Dichloropropane	63	4.909	4.915	-0.006	90	68823	20.0	20.2	
* 72 1,4-Dioxane-d8	96	4.982	4.994	-0.012	0	33951	1000.0	1000.0	
73 Methyl methacrylate	100	5.006	5.006	0.000	93	29643	40.0	48.8	
75 1,4-Dioxane	88	5.049	5.049	0.000	30	6083	400.0	217.5	a
74 Dibromomethane	93	5.043	5.049	-0.006	97	46562	20.0	18.5	
76 n-Propyl acetate	43	5.073	5.073	0.000	98	78726	20.0	23.5	
77 Dichlorobromomethane	83	5.207	5.213	-0.006	99	90856	20.0	18.6	
78 2-Nitropropane	41	5.554	5.560	-0.006	97	28710	40.0	23.3	
79 2-Chloroethyl vinyl ether	63	5.390	5.572	-0.182	9	449	20.0	0.4478	
80 Epichlorohydrin	57	5.676	5.682	-0.006	98	62158	400.0	239.7	
81 cis-1,3-Dichloropropene	75	5.730	5.736	-0.006	93	101499	20.0	19.5	
82 4-Methyl-2-pentanone (MIBK)	43	5.913	5.919	-0.006	98	268118	100.0	103.0	
$ 83 Toluene-d8 (Surr)	98	5.986	5.986	0.000	100	572737	50.0	50.9	
84 Toluene	91	6.065	6.071	-0.006	93	253613	20.0	20.6	
85 trans-1,3-Dichloropropene	75	6.467	6.472	-0.005	98	88019	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.515	6.515	0.000	92	64227	20.0	22.4	
87 1,1,2-Trichloroethane	83	6.698	6.704	-0.006	94	53965	20.0	21.5	
88 Tetrachloroethene	166	6.728	6.734	-0.006	99	228144	20.0	70.7	
89 1,3-Dichloropropane	76	6.929	6.929	0.000	95	92222	20.0	21.5	
90 2-Hexanone	58	7.014	7.020	-0.006	98	89708	100.0	95.3	
91 n-Butyl acetate	43	7.166	7.166	0.000	98	82878	20.0	23.8	
92 Chlorodibromomethane	129	7.178	7.184	-0.006	97	69090	20.0	19.4	
93 Ethylene Dibromide	107	7.343	7.342	0.001	100	63969	20.0	20.2	
* 94 Chlorobenzene-d5	117	7.939	7.945	-0.006	85	545997	50.0	50.0	
95 Chlorobenzene	112	7.975	7.981	-0.006	96	156716	20.0	19.2	
96 Ethylbenzene	106	8.085	8.091	-0.006	99	76404	20.0	19.7	
97 1,1,1,2-Tetrachloroethane	131	8.103	8.109	-0.006	96	60503	20.0	20.2	
98 m-Xylene & p-Xylene	106	8.243	8.243	0.000	0	95805	20.0	20.4	
99 o-Xylene	106	8.699	8.699	0.000	93	91332	20.0	19.7	
100 n-Butyl acrylate	73	8.717	8.717	0.000	97	39817	20.0	22.3	
101 Styrene	104	8.730	8.735	-0.005	95	161705	20.0	20.7	
103 Bromoform	173	8.943	8.948	-0.006	96	46809	20.0	19.2	
102 Amyl acetate (mixed isomers)	43	8.967	8.967	0.000	88	83175	20.0	22.1	
104 Isopropylbenzene	105	9.082	9.082	0.000	95	222344	20.0	20.5	
$ 105 4-Bromofluorobenzene	174	9.283	9.283	0.000	97	199736	50.0	48.3	
106 Bromobenzene	156	9.405	9.411	-0.006	91	70058	20.0	19.8	
107 1,1,2,2-Tetrachloroethane	83	9.478	9.484	-0.006	99	71838	20.0	20.7	
108 N-Propylbenzene	91	9.490	9.490	0.000	99	260919	20.0	21.2	
109 1,2,3-Trichloropropane	110	9.514	9.520	-0.006	99	17248	20.0	19.0	
110 trans-1,4-Dichloro-2-butene	53	9.539	9.545	-0.006	88	17656	20.0	18.8	a
111 2-Chlorotoluene	91	9.587	9.593	-0.006	97	185473	20.0	20.9	
112 4-Ethyltoluene	105	9.606	9.605	0.001	98	223305	20.0	22.0	
113 1,3,5-Trimethylbenzene	105	9.673	9.672	0.000	93	186361	20.0	22.1	
114 4-Chlorotoluene	91	9.703	9.703	0.000	97	164662	20.0	19.1	
115 Butyl Methacrylate	87	9.788	9.788	0.000	93	61488	20.0	22.1	
116 tert-Butylbenzene	119	9.952	9.952	0.000	94	141344	20.0	20.4	
117 1,2,4-Trimethylbenzene	105	10.007	10.013	-0.006	98	205352	20.0	22.9	
118 sec-Butylbenzene	105	10.147	10.147	0.000	99	203333	20.0	21.0	
120 1,3-Dichlorobenzene	146	10.269	10.268	0.001	97	116797	20.0	19.4	
119 4-Isopropyltoluene	119	10.281	10.281	0.000	98	169103	20.0	20.3	
* 121 1,4-Dichlorobenzene-d4	152	10.336	10.335	0.001	95	279618	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.354	10.360	-0.006	96	118951	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	10.378	10.378	0.000	98	199485	20.0	20.6	
124 Benzyl chloride	91	10.488	10.488	0.000	99	102510	20.0	18.0	
125 2,3-Dihydroindene	117	10.542	10.542	0.000	95	194650	20.0	20.0	
126 p-Diethylbenzene	119	10.603	10.603	0.000	93	114313	20.0	22.5	
127 n-Butylbenzene	92	10.622	10.621	0.001	97	86721	20.0	20.4	
128 1,2-Dichlorobenzene	146	10.664	10.670	-0.006	97	113497	20.0	19.2	
129 1,2,4,5-Tetramethylbenzene	119	11.224	11.230	-0.006	98	159444	20.0	21.0	
130 1,2-Dibromo-3-Chloropropane	157	11.309	11.309	0.000	95	13869	20.0	18.6	
131 1,3,5-Trichlorobenzene	180	11.418	11.418	0.000	97	76393	20.0	18.9	
132 1,2,4-Trichlorobenzene	180	11.893	11.893	0.000	93	71636	20.0	19.3	
133 Hexachlorobutadiene	225	11.978	11.978	0.000	95	25119	20.0	17.4	
134 Naphthalene	128	12.075	12.075	0.000	99	1221091	20.0	142.0	
135 1,2,3-Trichlorobenzene	180	12.252	12.252	0.000	95	63949	20.0	18.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.0	
S 137 Xylenes, Total	100				0		40.0	40.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Total BTEX	1				0		100.0	100.7	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

524FREONS_00015	Amount Added:	20.00	Units: uL	
ACROLEIN W_00166	Amount Added:	4.00	Units: uL	
GASES Li_00576	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00184	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

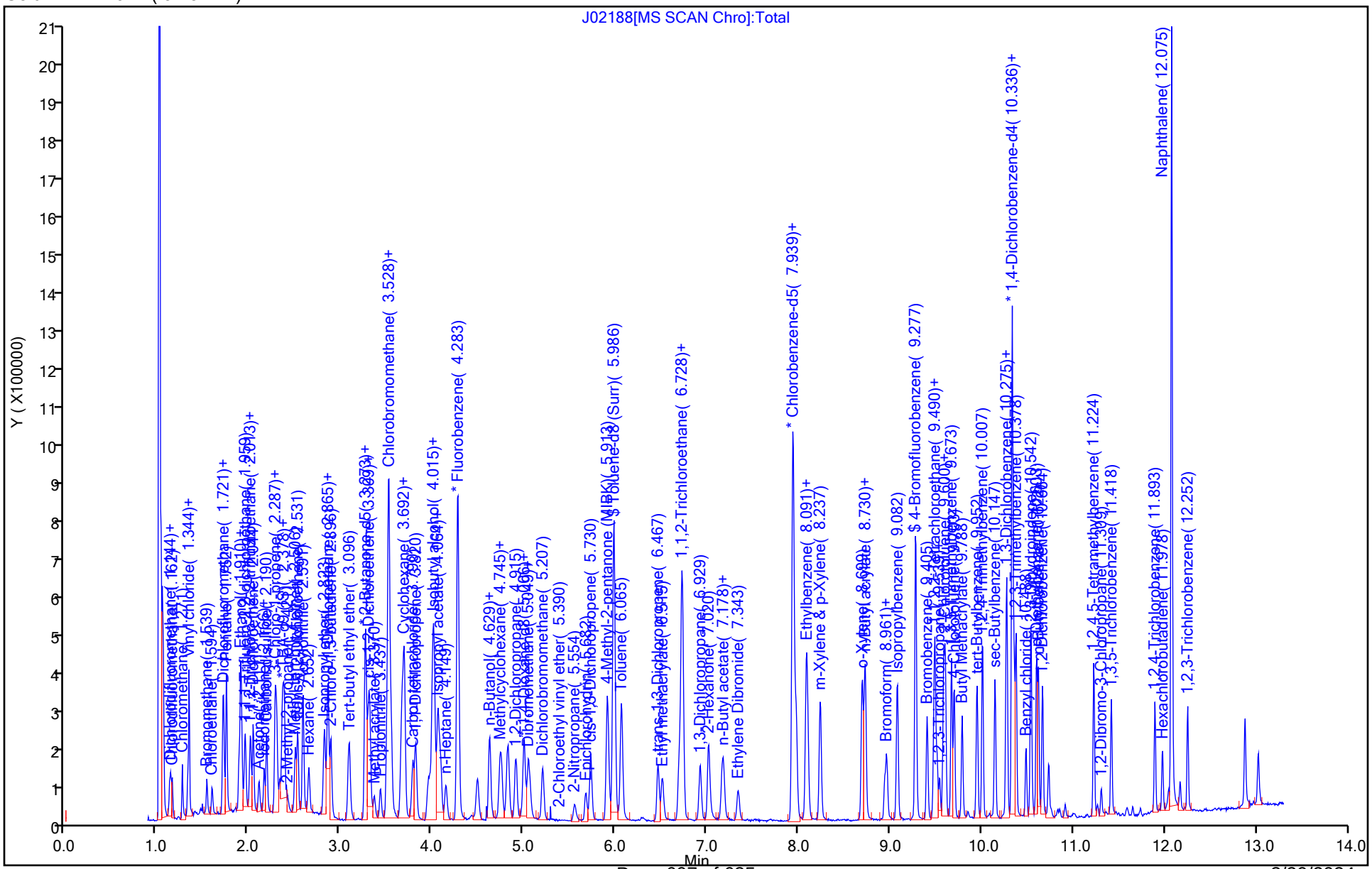
Report Date: 19-Mar-2024 12:21:29 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02188.D

Injection Date:	19-Mar-2024 08:20:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-300167-A-1 MS			Worklist Smp#:	30
Client ID:	MW-06_20240314				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



3/20/2024
1:03:26 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02188.D
Lims ID: 460-300167-A-1 MS
Client ID: MW-06_20240314
Sample Type: MS
Inject. Date: 19-Mar-2024 08:20:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-A-1 MS
Misc. Info.: 460-0173523-030
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 12:20:53 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1672

First Level Reviewer: K0HS Date: 19-Mar-2024 12:19:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	46.9	93.88
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.9	97.89
$ 83 Toluene-d8 (Surr)	50.0	50.9	101.72
$ 105 4-Bromofluorobenzene	50.0	48.3	96.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: MW-06_20240314 MSD | Lab Sample ID: 460-300167-1 MSD

Matrix: Water | Lab File ID: J02189.D

Analysis Method: 8260D | Date Collected: 03/14/2024 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 08:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.8		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23.5		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.3		1.0	0.20
75-34-3	1,1-Dichloroethane	23.9		1.0	0.26
75-35-4	1,1-Dichloroethene	23.5		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	21.9		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	21.1		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	25.0		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	19.8		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.4		1.0	0.21
107-06-2	1,2-Dichloroethane	20.9		1.0	0.43
78-87-5	1,2-Dichloropropane	20.5		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	23.3		1.0	0.33
541-73-1	1,3-Dichlorobenzene	20.4		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.0		1.0	0.33
78-93-3	2-Butanone (MEK)	94.0		5.0	1.9
591-78-6	2-Hexanone	117		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	115		5.0	1.3
67-64-1	Acetone	97.7		5.0	4.4
71-43-2	Benzene	18.5		1.0	0.20
75-25-2	Bromoform	20.9		1.0	0.54
74-83-9	Bromomethane	21.8		1.0	0.55
75-15-0	Carbon disulfide	21.4		1.0	0.82
56-23-5	Carbon tetrachloride	21.2		1.0	0.21
108-90-7	Chlorobenzene	20.4		1.0	0.38
74-97-5	Chlorobromomethane	20.7		1.0	0.41
124-48-1	Chlorodibromomethane	19.2		1.0	0.28
75-00-3	Chloroethane	23.7		1.0	0.32
67-66-3	Chloroform	21.3		1.0	0.33
74-87-3	Chloromethane	19.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.6		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-300167-1

SDG No.:

Client Sample ID: MW-06_20240314 MSD | Lab Sample ID: 460-300167-1 MSD

Matrix: Water | Lab File ID: J02189.D

Analysis Method: 8260D | Date Collected: 03/14/2024 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 03/19/2024 08:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 964707 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	18.1		1.0	0.32
75-27-4	Dichlorobromomethane	21.1		1.0	0.34
75-71-8	Dichlorodifluoromethane	18.1		1.0	0.31
100-41-4	Ethylbenzene	21.3		1.0	0.30
106-93-4	Ethylene Dibromide	20.1		1.0	0.50
98-82-8	Isopropylbenzene	22.1		1.0	0.34
79-20-9	Methyl acetate	30.7		5.0	0.79
1634-04-4	Methyl tert-butyl ether	26.3		1.0	0.22
108-87-2	Methylcyclohexane	17.6		1.0	0.71
75-09-2	Methylene Chloride	28.1		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	21.8		1.0	0.30
104-51-8	n-Butylbenzene	22.3		1.0	0.32
103-65-1	N-Propylbenzene	22.0		1.0	0.32
95-47-6	o-Xylene	21.1		1.0	0.36
135-98-8	sec-Butylbenzene	22.9		1.0	0.37
100-42-5	Styrene	20.7		1.0	0.42
98-06-6	tert-Butylbenzene	22.0		1.0	0.34
127-18-4	Tetrachloroethene	69.2		1.0	0.25
108-88-3	Toluene	19.6		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	24.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.2		1.0	0.22
79-01-6	Trichloroethene	20.9		1.0	0.31
75-69-4	Trichlorofluoromethane	22.1		1.0	0.32
75-01-4	Vinyl chloride	21.9		1.0	0.17
1330-20-7	Xylenes, Total	42.9		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-132
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02189.D
Lims ID: 460-300167-A-1 MSD
Client ID: MW-06_20240314
Sample Type: MSD
Inject. Date: 19-Mar-2024 08:45:30 ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-A-1 MSD
Misc. Info.: 460-0173523-031
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 15:48:00 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: K0HS Date: 19-Mar-2024 12:19:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.148	1.149	-0.001	100	67398	20.0	18.1	
6 Chloromethane	50	1.270	1.271	-0.001	100	74173	20.0	19.7	
7 Vinyl chloride	62	1.331	1.332	-0.001	99	69138	20.0	21.9	
9 Bromomethane	94	1.538	1.539	-0.001	98	39631	20.0	21.8	
10 Chloroethane	64	1.599	1.600	-0.001	99	36022	20.0	23.7	
11 Trichlorofluoromethane	101	1.720	1.721	-0.001	99	93508	20.0	22.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.012	2.013	-0.001	98	59051	20.0	23.5	
21 1,1-Dichloroethene	96	2.043	2.044	-0.001	99	50762	20.0	23.5	
22 Acetone	43	2.110	2.111	-0.001	85	68972	100.0	97.7	
24 Carbon disulfide	76	2.195	2.196	-0.001	99	188124	20.0	21.4	
28 Methyl acetate	43	2.292	2.293	-0.001	99	66110	40.0	30.7	
* 30 TBA-d9 (IS)	65	2.365	2.366	-0.001	76	262424	1000.0	1000.0	
31 Methylene Chloride	84	2.383	2.390	-0.007	95	63675	20.0	28.1	
33 Methyl tert-butyl ether	73	2.505	2.506	-0.001	97	123654	20.0	26.3	
34 trans-1,2-Dichloroethene	96	2.529	2.536	-0.007	96	57826	20.0	24.8	
38 1,1-Dichloroethane	63	2.858	2.859	-0.001	99	103458	20.0	23.9	
* 43 2-Butanone-d5	46	3.265	3.273	-0.007	97	336353	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.302	3.303	-0.001	97	67555	20.0	21.0	
46 2-Butanone (MEK)	72	3.320	3.321	-0.001	95	24828	100.0	94.0	
50 Chlorobromomethane	128	3.503	3.510	-0.007	90	34735	20.0	20.7	
52 Chloroform	83	3.551	3.552	-0.001	99	118763	20.0	21.3	
53 Cyclohexane	84	3.667	3.668	-0.001	95	63783	20.0	18.1	
54 1,1,1-Trichloroethane	97	3.679	3.680	-0.001	99	97379	20.0	20.6	
$ 55 Dibromofluoromethane (Surr)	113	3.691	3.698	-0.007	96	170090	50.0	49.4	
56 Carbon tetrachloride	117	3.789	3.796	-0.007	98	83902	20.0	21.2	
60 Benzene	78	4.002	4.009	-0.007	97	220166	20.0	18.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.020	4.027	-0.007	0	165621	50.0	48.2	
64 1,2-Dichloroethane	62	4.093	4.100	-0.007	98	85388	20.0	20.9	
* 66 Fluorobenzene	96	4.281	4.282	-0.001	99	647293	50.0	50.0	
68 Trichloroethene	95	4.628	4.629	-0.001	98	61977	20.0	20.9	
69 Methylcyclohexane	83	4.750	4.745	0.005	90	56243	20.0	17.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
71 1,2-Dichloropropane	63	4.914	4.915	-0.001	89	59203	20.0	20.5	
* 72 1,4-Dioxane-d8	96	4.987	4.994	-0.007	0	34353	1000.0	1000.0	
77 Dichlorobromomethane	83	5.206	5.213	-0.007	100	87352	20.0	21.1	
81 cis-1,3-Dichloropropene	75	5.729	5.736	-0.007	95	92407	20.0	18.6	
82 4-Methyl-2-pentanone (MIBK)	43	5.912	5.919	-0.007	98	248898	100.0	114.8	
$ 83 Toluene-d8 (Surr)	98	5.985	5.986	-0.001	100	510328	50.0	47.5	
84 Toluene	91	6.070	6.071	-0.001	93	230603	20.0	19.6	
85 trans-1,3-Dichloropropene	75	6.465	6.472	-0.007	99	83427	20.0	19.2	
87 1,1,2-Trichloroethane	83	6.697	6.704	-0.007	95	50871	20.0	21.3	
88 Tetrachloroethene	166	6.733	6.734	-0.001	99	212873	20.0	69.2	
90 2-Hexanone	58	7.019	7.020	-0.001	99	91902	100.0	117.3	
92 Chlorodibromomethane	129	7.183	7.184	-0.001	97	65121	20.0	19.2	
93 Ethylene Dibromide	107	7.341	7.342	-0.001	100	60823	20.0	20.1	
* 94 Chlorobenzene-d5	117	7.938	7.945	-0.007	85	520379	50.0	50.0	
95 Chlorobenzene	112	7.974	7.981	-0.007	96	158748	20.0	20.4	
96 Ethylbenzene	106	8.084	8.091	-0.007	98	78715	20.0	21.3	
98 m-Xylene & p-Xylene	106	8.236	8.243	-0.007	0	97560	20.0	21.8	
99 o-Xylene	106	8.692	8.699	-0.007	94	93225	20.0	21.1	
101 Styrene	104	8.728	8.735	-0.007	94	153647	20.0	20.7	
103 Bromoform	173	8.941	8.948	-0.007	96	48599	20.0	20.9	
104 Isopropylbenzene	105	9.081	9.082	-0.001	96	228439	20.0	22.1	
$ 105 4-Bromofluorobenzene	174	9.282	9.283	-0.001	97	195512	50.0	49.6	
107 1,1,2,2-Tetrachloroethane	83	9.477	9.484	-0.007	97	76066	20.0	21.8	
108 N-Propylbenzene	91	9.489	9.490	-0.001	99	272202	20.0	22.0	
113 1,3,5-Trimethylbenzene	105	9.671	9.672	-0.001	93	197075	20.0	23.3	
116 tert-Butylbenzene	119	9.951	9.952	-0.001	94	152642	20.0	22.0	
117 1,2,4-Trimethylbenzene	105	10.012	10.013	-0.001	97	225184	20.0	25.0	
118 sec-Butylbenzene	105	10.146	10.147	-0.001	99	222205	20.0	22.9	
120 1,3-Dichlorobenzene	146	10.268	10.268	0.000	96	122935	20.0	20.4	
* 121 1,4-Dichlorobenzene-d4	152	10.334	10.335	-0.001	95	280150	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.353	10.360	-0.007	96	129558	20.0	20.0	
127 n-Butylbenzene	92	10.620	10.621	-0.001	97	94634	20.0	22.3	
128 1,2-Dichlorobenzene	146	10.669	10.670	-0.001	97	121138	20.0	20.4	
130 1,2-Dibromo-3-Chloropropane	157	11.308	11.309	-0.001	93	14734	20.0	19.8	
132 1,2,4-Trichlorobenzene	180	11.892	11.893	-0.001	94	78551	20.0	21.1	
135 1,2,3-Trichlorobenzene	180	12.251	12.252	-0.001	96	74648	20.0	21.9	
S 137 Xylenes, Total	100				0		40.0	42.9	

QC Flag Legend

Processing Flags

Reagents:

524FREONS_00015	Amount Added: 20.00	Units: uL	
ACROLEIN W_00166	Amount Added: 4.00	Units: uL	
GASES Li_00576	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00184	Amount Added: 20.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added: 1.00	Units: uL	Run Reagent

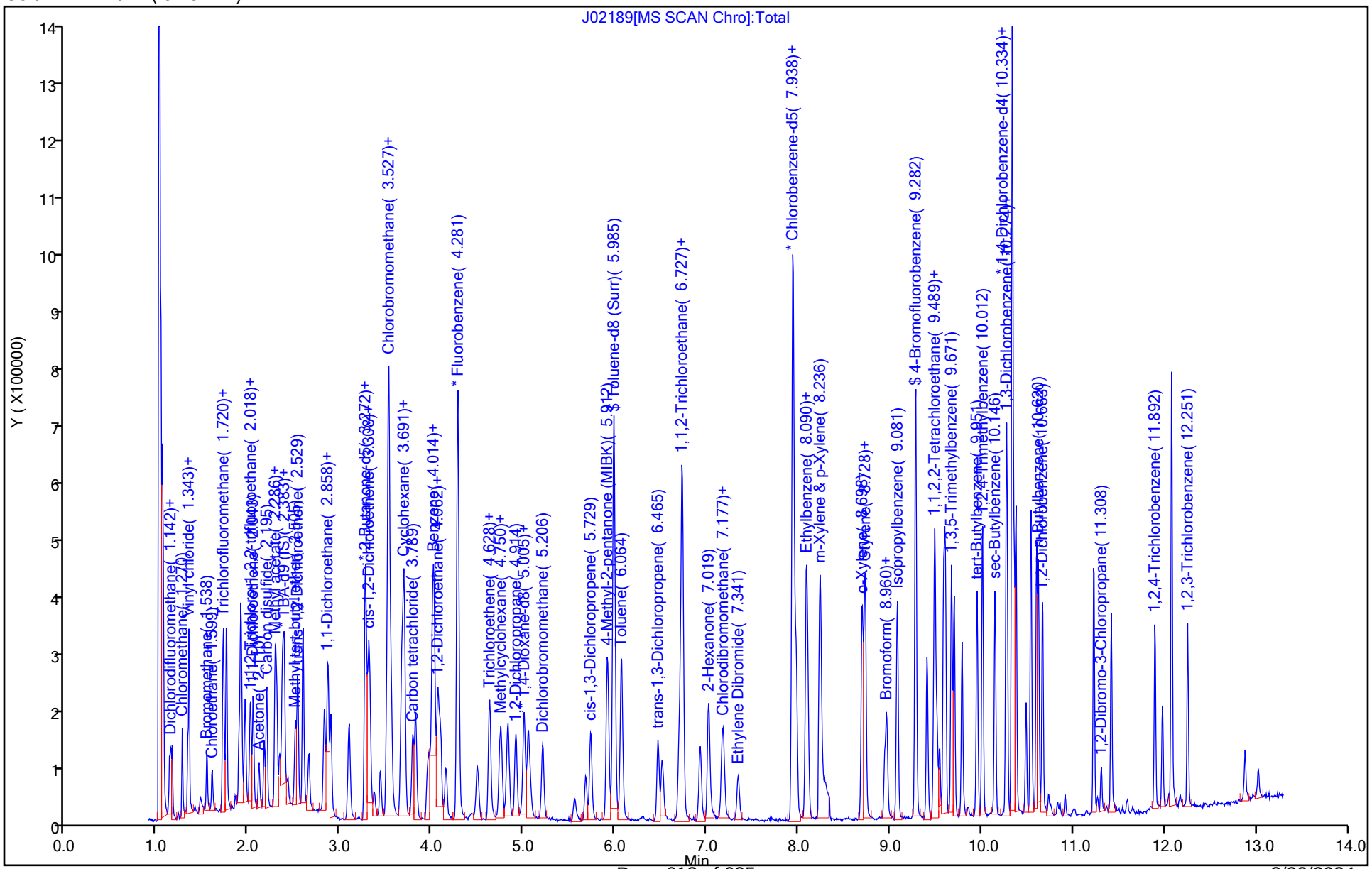
Report Date: 19-Mar-2024 15:54:25 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02189.D

Injection Date:	19-Mar-2024 08:45:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-300167-A-1 MSD			Worklist Smp#:	31
Client ID:	MW-06_20240314				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



3/20/2024
1:03:26 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\J02189.D
Lims ID: 460-300167-A-1 MSD
Client ID: MW-06_20240314
Sample Type: MSD
Inject. Date: 19-Mar-2024 08:45:30 ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-300167-A-1 MSD
Misc. Info.: 460-0173523-031
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20240318-173523.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 19-Mar-2024 15:48:00 Calib Date: 14-Mar-2024 17:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20240314-173383.b\J02068.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: K0HS Date: 19-Mar-2024 12:19:17

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.4	98.70
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.2	96.48
$ 83 Toluene-d8 (Surr)	50.0	47.5	95.10
$ 105 4-Bromofluorobenzene	50.0	49.6	99.22

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 03/14/2024 09:16

Analysis Batch Number: 964051 End Date: 03/14/2024 18:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-964051/1		03/14/2024 09:16	1	J02052.D	Rtx-624 0.25(mm)
STD7 460-964051/3 IC		03/14/2024 11:30	1	J02054.D	Rtx-624 0.25(mm)
STD1 460-964051/4 IC		03/14/2024 11:55	1	J02055.D	Rtx-624 0.25(mm)
STD5 460-964051/5 IC		03/14/2024 12:20	1	J02056.D	Rtx-624 0.25(mm)
STD20 460-964051/6 ICIS		03/14/2024 12:45	1	J02057.D	Rtx-624 0.25(mm)
STD200 460-964051/8 IC		03/14/2024 13:35	1	J02059.D	Rtx-624 0.25(mm)
STD500 460-964051/9 IC		03/14/2024 14:01	1	J02060.D	Rtx-624 0.25(mm)
STD50 460-964051/18 IC		03/14/2024 17:38	1	J02068.D	Rtx-624 0.25(mm)
ICV 460-964051/17		03/14/2024 18:04	1	J02069.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 03/18/2024 20:54

Analysis Batch Number: 964707 End Date: 03/19/2024 09:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-964707/3		03/18/2024 20:54	1	J02161.D	Rtx-624 0.25(mm)
LCS 460-964707/4		03/18/2024 21:20	1	J02162.D	Rtx-624 0.25(mm)
LCSD 460-964707/5		03/18/2024 21:45	1	J02163.D	Rtx-624 0.25(mm)
MB 460-964707/9		03/18/2024 23:26	1	J02167.D	Rtx-624 0.25(mm)
ZZZZZ		03/18/2024 23:55	1		Rtx-624 0.25(mm)
ZZZZZ		03/19/2024 00:21	1		Rtx-624 0.25(mm)
460-300167-5	FB-01_20240314	03/19/2024 00:46	1	J02170.D	Rtx-624 0.25(mm)
460-300167-4	TB-01_20240314	03/19/2024 01:11	1	J02171.D	Rtx-624 0.25(mm)
ZZZZZ		03/19/2024 01:37	1		Rtx-624 0.25(mm)
ZZZZZ		03/19/2024 02:02	1		Rtx-624 0.25(mm)
ZZZZZ		03/19/2024 02:27	1		Rtx-624 0.25(mm)
ZZZZZ		03/19/2024 02:52	1		Rtx-624 0.25(mm)
ZZZZZ		03/19/2024 03:17	1		Rtx-624 0.25(mm)
ZZZZZ		03/19/2024 03:42	1		Rtx-624 0.25(mm)
ZZZZZ		03/19/2024 04:08	1		Rtx-624 0.25(mm)
ZZZZZ		03/19/2024 04:33	1		Rtx-624 0.25(mm)
460-300167-1	MW-06_20240314	03/19/2024 04:58	1	J02180.D	Rtx-624 0.25(mm)
460-300167-3	MW-08_20240314	03/19/2024 05:23	1	J02181.D	Rtx-624 0.25(mm)
460-300167-2	MW-07_20240314	03/19/2024 05:49	1	J02182.D	Rtx-624 0.25(mm)
460-300167-6	DUP-01_20240314	03/19/2024 06:14	1	J02183.D	Rtx-624 0.25(mm)
ZZZZZ		03/19/2024 06:39	10		Rtx-624 0.25(mm)
ZZZZZ		03/19/2024 07:04	20		Rtx-624 0.25(mm)
ZZZZZ		03/19/2024 07:29	25		Rtx-624 0.25(mm)
ZZZZZ		03/19/2024 07:55	25		Rtx-624 0.25(mm)
460-300167-1 MS	MW-06_20240314 MS	03/19/2024 08:20	1	J02188.D	Rtx-624 0.25(mm)
460-300167-1 MSD	MW-06_20240314 MSD	03/19/2024 08:45	1	J02189.D	Rtx-624 0.25(mm)
ZZZZZ		03/19/2024 09:10	20		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Batch Number: 964051 Batch Start Date: 03/14/24 09:16 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00166	524FREONS 00015	7 Freons Hi 00012	7 Freons SS 00011
BFB 460-964051/1		8260D			5 mL	5 mL				
STD7 460-964051/3 IC		8260D			5 mL	5 mL				
STD1 460-964051/4 IC		8260D			5 mL	5 mL	30 uL	10 uL		
STD5 460-964051/5 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-964051/6 ICIS		8260D			5 mL	5 mL		20 uL		
STD200 460-964051/8 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-964051/9 IC		8260D			5 mL	5 mL			50 uL	
ICV 460-964051/17		8260D			5 mL	5 mL				20 uL
STD50 460-964051/18 IC		8260D			5 mL	5 mL		50 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00177	8260ISNEW 00171	8260MIX1COMB 00184	8260SURR250 00245	ACROLEIN SP 00162	ACROLEIN W 00166
BFB 460-964051/1		8260D								
STD7 460-964051/3 IC		8260D				1 uL		1 uL		
STD1 460-964051/4 IC		8260D				1 uL	10 uL	1 uL		4 uL
STD5 460-964051/5 IC		8260D				1 uL	10 uL	1 uL		4 uL
STD20 460-964051/6 ICIS		8260D				1 uL	20 uL	1 uL		4 uL
STD200 460-964051/8 IC		8260D				1 uL		1 uL		20 uL
STD500 460-964051/9 IC		8260D				1 uL		1 uL		40 uL
ICV 460-964051/17		8260D			20 uL	1 uL		1 uL	4 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Batch Number: 964051 Batch Start Date: 03/14/24 09:16 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00177	8260ISNEW 00171	8260MIX1COMB 00184	8260SURR250 00245	ACROLEIN SP 00162	ACROLEIN W 00166
STD50 460-964051/18 IC		8260D				1 uL	50 uL	1 uL		10 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00122	BFB 00035	Ethanol mix 00087	GAS C SP 00558	GAS Hi 00464	GASES Li 00575
BFB 460-964051/1		8260D				1 uL				
STD7 460-964051/3 IC		8260D			20 uL					2.5 uL
STD1 460-964051/4 IC		8260D								10 uL
STD5 460-964051/5 IC		8260D								10 uL
STD20 460-964051/6 ICIS		8260D								20 uL
STD200 460-964051/8 IC		8260D					20 uL		20 uL	
STD500 460-964051/9 IC		8260D					50 uL		50 uL	
ICV 460-964051/17		8260D						20 uL		
STD50 460-964051/18 IC		8260D								50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX 2 Hi 00147	MIX I Hi 00174	VMTBA500 00047			
BFB 460-964051/1		8260D								
STD7 460-964051/3 IC		8260D					2 uL			
STD1 460-964051/4 IC		8260D								
STD5 460-964051/5 IC		8260D								
STD20 460-964051/6 ICIS		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Batch Number: 964051 Batch Start Date: 03/14/24 09:16 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX 2 Hi 00147	MIX I Hi 00174	VMTBA500 00047			
STD200 460-964051/8 IC		8260D			20 uL	20 uL				
STD500 460-964051/9 IC		8260D			50 uL	50 uL				
ICV 460-964051/17		8260D								
STD50 460-964051/18 IC		8260D								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Batch Number: 964707 Batch Start Date: 03/18/24 20:54 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00015	8260ISNEW 00171	8260MIX1COMB 00184
CCVIS 460-964707/3		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-964707/4		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-964707/5		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-964707/9		8260D			5 mL	5 mL			1 uL	
460-300167-A-5	FB-01_20240314	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-300167-A-4	TB-01_20240314	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-300167-B-1	MW-06_20240314	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-300167-B-3	MW-08_20240314	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-300167-B-2	MW-07_20240314	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-300167-B-6	DUP-01_20240314	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-300167-A-1 MS	MW-06_20240314	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-300167-A-1 MSD	MW-06_20240314	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00245	ACROLEIN W 00166	GASES Li 00576			
CCVIS 460-964707/3		8260D			1 uL	4 uL	20 uL			
LCS 460-964707/4		8260D			1 uL	4 uL	20 uL			
LCSD 460-964707/5		8260D			1 uL	4 uL	20 uL			
MB 460-964707/9		8260D			1 uL					
460-300167-A-5	FB-01_20240314	8260D	Water	T	1 uL					
460-300167-A-4	TB-01_20240314	8260D	Water	T	1 uL					
460-300167-B-1	MW-06_20240314	8260D	Water	T	1 uL					
460-300167-B-3	MW-08_20240314	8260D	Water	T	1 uL					
460-300167-B-2	MW-07_20240314	8260D	Water	T	1 uL					
460-300167-B-6	DUP-01_20240314	8260D	Water	T	1 uL					
460-300167-A-1 MS	MW-06_20240314	8260D	Water	T	1 uL	4 uL	20 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-300167-1

SDG No.:

Batch Number: 964707 Batch Start Date: 03/18/24 20:54 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00245	ACROLEIN W 00166	GASES Li 00576			
460-300167-A-1 MSD	MW-06_20240314	8260D	Water	T	1 uL	4 uL	20 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Address. _____

NYC 222

Chain of Custody Record

687883

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Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Matt Levy	Site Contact: Chris Evertz	Date: 3-14-24	COC No: 1
Company Name: Haley And Aldrich	Tel/Email: MLevy@haleyaldrich.com	Lab Contact:	Carrier:	1 of 1 COCs
Address: 213 West 35th St 7th Floor	Analysis Turnaround Time			Sampler:
City/State/Zip: New York, NY 10023	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: 1885 Atlantic Ave, Brooklyn	☒ 1 week			
Site: NY	☐ 2 days			Job / SDG No: 300167
PO# 205125	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs 8260B	Sample Specific Notes:
MW-06_20240314	3-14-24	0905	G	GW	9		X	X	MS/MSD
MW-07_20240314	3-14-24	1025	G	GW	3			X	
MW-09_20240314	3-14-24	1125	G	GW	3			X	
TB-01_20240312	3-12-24	—	QC	Aq	2			X	
TB-01_20240314	3-14-24	~~0900~~ 0900 2R	QC	Aq	3			X	
DUP-01_20240314	3-14-24	0915	G	GW	3			X	

460-300167 Chain of Custody

Page 628 of 625

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Haley Aldrich	Date/Time: 3.14.24 1230	Received by:	Company:	Date/Time: 3/14/24 1220
Relinquished by:	Company:	Date/Time: 3/14/24 2000	Received by:	Company: CTA	Date/Time: 3/14 2000
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

3/22/2024 1:08:26 PM

14 18 29

Job Number: 300167

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	17 °C	18 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below.

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 3/8/24

3/20/2024
1:03:26 PM

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-300167-1

Login Number: 300167
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich, Inc.
213 West 35th St
New York NY 10001

Generated 07/25/2024

JOB DESCRIPTION

1885 Atlantic Ave

JOB NUMBER

460-308013-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
07/25/2024

Authorized for release by
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Warleny.Infante@et.eurofinsus.com
Designee for
Elizabeth J Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
732 549-3900

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Job Narrative
460-308013-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 7/19/2024 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-986925 was outside the method criteria for the following analytes: 1,1,2,2-Tetrachloroethane and Methyl acetate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Ave

Job ID: 460-308013-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-308013-1	MW-8_20240719	Water	07/19/24 10:25	07/19/24 19:00
460-308013-2	MW-7_20240719	Water	07/19/24 13:15	07/19/24 19:00
460-308013-3	MW-6_20240719	Water	07/19/24 14:50	07/19/24 19:00
460-308013-4	DUP-01_20240719	Water	07/19/24 00:00	07/19/24 19:00
460-308013-5	FB-01_20240719	Water	07/19/24 14:30	07/19/24 19:00
460-308013-6	TB-01_20240719	Water	07/19/24 15:00	07/19/24 19:00

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Ave

Job ID: 460-308013-1

Client Sample ID: MW-8_20240719 — Lab Sample ID: 460-308013-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.8		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: MW-7_20240719 — Lab Sample ID: 460-308013-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.75	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	46		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.39	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-6_20240719 — Lab Sample ID: 460-308013-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.79	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.27	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	77		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.64	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-01_20240719 — Lab Sample ID: 460-308013-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.73	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	42		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.42	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: FB-01_20240719 — Lab Sample ID: 460-308013-5

No Detections.

Client Sample ID: TB-01_20240719 — Lab Sample ID: 460-308013-6

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Ave

Job ID: 460-308013-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: MW-8_20240719

Date Collected: 07/19/24 10:25
Date Received: 07/19/24 19:00

Lab Sample ID: 460-308013-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/24/24 21:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			07/24/24 21:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/24/24 21:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			07/24/24 21:26	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/24/24 21:26	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/24/24 21:26	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/24/24 21:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/24/24 21:26	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/24/24 21:26	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/24/24 21:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/24/24 21:26	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			07/24/24 21:26	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			07/24/24 21:26	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/24/24 21:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/24/24 21:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/24/24 21:26	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			07/24/24 21:26	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/24/24 21:26	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/24/24 21:26	1
Acetone	5.0	U	5.0	4.4	ug/L			07/24/24 21:26	1
Benzene	1.0	U	1.0	0.20	ug/L			07/24/24 21:26	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/24/24 21:26	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/24/24 21:26	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/24/24 21:26	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/24/24 21:26	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/24/24 21:26	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/24/24 21:26	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			07/24/24 21:26	1
Chloroethane	1.0	U	1.0	0.32	ug/L			07/24/24 21:26	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/24/24 21:26	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/24/24 21:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			07/24/24 21:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			07/24/24 21:26	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/24/24 21:26	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			07/24/24 21:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/24/24 21:26	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/24/24 21:26	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/24/24 21:26	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/24/24 21:26	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/24/24 21:26	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			07/24/24 21:26	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/24/24 21:26	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			07/24/24 21:26	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/24/24 21:26	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/24/24 21:26	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/24/24 21:26	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/24/24 21:26	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/24/24 21:26	1
Styrene	1.0	U	1.0	0.42	ug/L			07/24/24 21:26	1

Client Sample ID: MW-8_20240719

Date Collected: 07/19/24 10:25
Date Received: 07/19/24 19:00

Lab Sample ID: 460-308013-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/24/24 21:26	1
Tetrachloroethene	**1.8**		1.0	0.25	ug/L			07/24/24 21:26	1
Toluene	1.0	U	1.0	0.38	ug/L			07/24/24 21:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/24/24 21:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			07/24/24 21:26	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			07/24/24 21:26	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/24/24 21:26	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			07/24/24 21:26	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/24/24 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*07/24/24 21:26*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*07/24/24 21:26*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*07/24/24 21:26*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/24/24 21:26*	*1*

Client Sample ID: MW-7_20240719

Date Collected: 07/19/24 13:15
Date Received: 07/19/24 19:00

Lab Sample ID: 460-308013-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/24/24 21:46	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			07/24/24 21:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/24/24 21:46	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			07/24/24 21:46	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/24/24 21:46	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/24/24 21:46	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/24/24 21:46	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/24/24 21:46	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/24/24 21:46	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/24/24 21:46	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/24/24 21:46	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			07/24/24 21:46	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			07/24/24 21:46	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/24/24 21:46	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/24/24 21:46	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/24/24 21:46	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			07/24/24 21:46	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/24/24 21:46	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/24/24 21:46	1
Acetone	5.0	U	5.0	4.4	ug/L			07/24/24 21:46	1
Benzene	1.0	U	1.0	0.20	ug/L			07/24/24 21:46	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/24/24 21:46	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/24/24 21:46	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/24/24 21:46	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/24/24 21:46	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/24/24 21:46	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/24/24 21:46	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			07/24/24 21:46	1

Client Sample ID: MW-7_20240719
Lab Sample ID: 460-308013-2

Date Collected: 07/19/24 13:15
Matrix: Water
Date Received: 07/19/24 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			07/24/24 21:46	1
Chloroform	**0.75**	**J**	1.0	0.33	ug/L			07/24/24 21:46	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/24/24 21:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			07/24/24 21:46	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			07/24/24 21:46	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/24/24 21:46	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			07/24/24 21:46	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/24/24 21:46	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/24/24 21:46	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/24/24 21:46	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/24/24 21:46	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/24/24 21:46	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			07/24/24 21:46	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/24/24 21:46	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			07/24/24 21:46	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/24/24 21:46	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/24/24 21:46	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/24/24 21:46	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/24/24 21:46	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/24/24 21:46	1
Styrene	1.0	U	1.0	0.42	ug/L			07/24/24 21:46	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/24/24 21:46	1
Tetrachloroethene	**46**		1.0	0.25	ug/L			07/24/24 21:46	1
Toluene	1.0	U	1.0	0.38	ug/L			07/24/24 21:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/24/24 21:46	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			07/24/24 21:46	1
Trichloroethene	**0.39**	**J**	1.0	0.31	ug/L			07/24/24 21:46	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/24/24 21:46	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			07/24/24 21:46	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/24/24 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 128*		*07/24/24 21:46*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*07/24/24 21:46*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*07/24/24 21:46*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/24/24 21:46*	*1*

Client Sample ID: MW-6_20240719
Lab Sample ID: 460-308013-3

Date Collected: 07/19/24 14:50
Matrix: Water
Date Received: 07/19/24 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/24/24 22:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			07/24/24 22:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/24/24 22:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			07/24/24 22:05	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/24/24 22:05	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/24/24 22:05	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/24/24 22:05	1

Client Sample ID: MW-6_20240719

Date Collected: 07/19/24 14:50
Date Received: 07/19/24 19:00

Lab Sample ID: 460-308013-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/24/24 22:05	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/24/24 22:05	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/24/24 22:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/24/24 22:05	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			07/24/24 22:05	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			07/24/24 22:05	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/24/24 22:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/24/24 22:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/24/24 22:05	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			07/24/24 22:05	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/24/24 22:05	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/24/24 22:05	1
Acetone	5.0	U	5.0	4.4	ug/L			07/24/24 22:05	1
Benzene	1.0	U	1.0	0.20	ug/L			07/24/24 22:05	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/24/24 22:05	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/24/24 22:05	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/24/24 22:05	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/24/24 22:05	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/24/24 22:05	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/24/24 22:05	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			07/24/24 22:05	1
Chloroethane	1.0	U	1.0	0.32	ug/L			07/24/24 22:05	1
Chloroform	**0.79**	**J**	1.0	0.33	ug/L			07/24/24 22:05	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/24/24 22:05	1
cis-1,2-Dichloroethene	**0.27**	**J**	1.0	0.22	ug/L			07/24/24 22:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			07/24/24 22:05	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/24/24 22:05	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			07/24/24 22:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/24/24 22:05	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/24/24 22:05	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/24/24 22:05	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/24/24 22:05	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/24/24 22:05	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			07/24/24 22:05	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/24/24 22:05	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			07/24/24 22:05	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/24/24 22:05	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/24/24 22:05	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/24/24 22:05	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/24/24 22:05	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/24/24 22:05	1
Styrene	1.0	U	1.0	0.42	ug/L			07/24/24 22:05	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/24/24 22:05	1
Tetrachloroethene	**77**		1.0	0.25	ug/L			07/24/24 22:05	1
Toluene	1.0	U	1.0	0.38	ug/L			07/24/24 22:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/24/24 22:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			07/24/24 22:05	1
Trichloroethene	**0.64**	**J**	1.0	0.31	ug/L			07/24/24 22:05	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/24/24 22:05	1

Client Sample ID: MW-6_20240719
Lab Sample ID: 460-308013-3

Date Collected: 07/19/24 14:50
Matrix: Water
Date Received: 07/19/24 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.17	ug/L			07/24/24 22:05	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/24/24 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*07/24/24 22:05*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*07/24/24 22:05*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*07/24/24 22:05*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*07/24/24 22:05*	*1*

Client Sample ID: DUP-01_20240719
Lab Sample ID: 460-308013-4

Date Collected: 07/19/24 00:00
Matrix: Water
Date Received: 07/19/24 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/24/24 22:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			07/24/24 22:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/24/24 22:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			07/24/24 22:25	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/24/24 22:25	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/24/24 22:25	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/24/24 22:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/24/24 22:25	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/24/24 22:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/24/24 22:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/24/24 22:25	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			07/24/24 22:25	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			07/24/24 22:25	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/24/24 22:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/24/24 22:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/24/24 22:25	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			07/24/24 22:25	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/24/24 22:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/24/24 22:25	1
Acetone	5.0	U	5.0	4.4	ug/L			07/24/24 22:25	1
Benzene	1.0	U	1.0	0.20	ug/L			07/24/24 22:25	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/24/24 22:25	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/24/24 22:25	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/24/24 22:25	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/24/24 22:25	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/24/24 22:25	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/24/24 22:25	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			07/24/24 22:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			07/24/24 22:25	1
Chloroform	**0.73**	**J**	1.0	0.33	ug/L			07/24/24 22:25	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/24/24 22:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			07/24/24 22:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			07/24/24 22:25	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/24/24 22:25	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			07/24/24 22:25	1

Client Sample ID: DUP-01_20240719
Lab Sample ID: 460-308013-4

Date Collected: 07/19/24 00:00
Matrix: Water
Date Received: 07/19/24 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/24/24 22:25	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/24/24 22:25	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/24/24 22:25	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/24/24 22:25	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/24/24 22:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			07/24/24 22:25	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/24/24 22:25	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			07/24/24 22:25	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/24/24 22:25	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/24/24 22:25	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/24/24 22:25	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/24/24 22:25	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/24/24 22:25	1
Styrene	1.0	U	1.0	0.42	ug/L			07/24/24 22:25	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/24/24 22:25	1
Tetrachloroethene	**42**		1.0	0.25	ug/L			07/24/24 22:25	1
Toluene	1.0	U	1.0	0.38	ug/L			07/24/24 22:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/24/24 22:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			07/24/24 22:25	1
Trichloroethene	**0.42**	**J**	1.0	0.31	ug/L			07/24/24 22:25	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/24/24 22:25	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			07/24/24 22:25	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/24/24 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 128*		*07/24/24 22:25*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*07/24/24 22:25*	*1*
Dibromofluoromethane (Surr)	*101*		*77 - 132*		*07/24/24 22:25*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/24/24 22:25*	*1*

Client Sample ID: FB-01_20240719
Lab Sample ID: 460-308013-5

Date Collected: 07/19/24 14:30
Matrix: Water
Date Received: 07/19/24 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/24/24 20:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			07/24/24 20:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/24/24 20:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			07/24/24 20:47	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/24/24 20:47	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/24/24 20:47	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/24/24 20:47	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/24/24 20:47	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/24/24 20:47	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/24/24 20:47	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/24/24 20:47	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			07/24/24 20:47	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			07/24/24 20:47	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/24/24 20:47	1

Client Sample ID: FB-01_20240719

Date Collected: 07/19/24 14:30
Date Received: 07/19/24 19:00

Lab Sample ID: 460-308013-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/24/24 20:47	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/24/24 20:47	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			07/24/24 20:47	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/24/24 20:47	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/24/24 20:47	1
Acetone	5.0	U	5.0	4.4	ug/L			07/24/24 20:47	1
Benzene	1.0	U	1.0	0.20	ug/L			07/24/24 20:47	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/24/24 20:47	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/24/24 20:47	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/24/24 20:47	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/24/24 20:47	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/24/24 20:47	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/24/24 20:47	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			07/24/24 20:47	1
Chloroethane	1.0	U	1.0	0.32	ug/L			07/24/24 20:47	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/24/24 20:47	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/24/24 20:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			07/24/24 20:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			07/24/24 20:47	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/24/24 20:47	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			07/24/24 20:47	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/24/24 20:47	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/24/24 20:47	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/24/24 20:47	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/24/24 20:47	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/24/24 20:47	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			07/24/24 20:47	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/24/24 20:47	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			07/24/24 20:47	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/24/24 20:47	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/24/24 20:47	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/24/24 20:47	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/24/24 20:47	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/24/24 20:47	1
Styrene	1.0	U	1.0	0.42	ug/L			07/24/24 20:47	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/24/24 20:47	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			07/24/24 20:47	1
Toluene	1.0	U	1.0	0.38	ug/L			07/24/24 20:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/24/24 20:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			07/24/24 20:47	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			07/24/24 20:47	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/24/24 20:47	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			07/24/24 20:47	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/24/24 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 128*		*07/24/24 20:47*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*07/24/24 20:47*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*07/24/24 20:47*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*07/24/24 20:47*	*1*

Client Sample ID: TB-01_20240719
Date Collected: 07/19/24 15:00
Date Received: 07/19/24 19:00

Lab Sample ID: 460-308013-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/24/24 21:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			07/24/24 21:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/24/24 21:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			07/24/24 21:06	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/24/24 21:06	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/24/24 21:06	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/24/24 21:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/24/24 21:06	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/24/24 21:06	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/24/24 21:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/24/24 21:06	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			07/24/24 21:06	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			07/24/24 21:06	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/24/24 21:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/24/24 21:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/24/24 21:06	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			07/24/24 21:06	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/24/24 21:06	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/24/24 21:06	1
Acetone	5.0	U	5.0	4.4	ug/L			07/24/24 21:06	1
Benzene	1.0	U	1.0	0.20	ug/L			07/24/24 21:06	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/24/24 21:06	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/24/24 21:06	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/24/24 21:06	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/24/24 21:06	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/24/24 21:06	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/24/24 21:06	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			07/24/24 21:06	1
Chloroethane	1.0	U	1.0	0.32	ug/L			07/24/24 21:06	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/24/24 21:06	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/24/24 21:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			07/24/24 21:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			07/24/24 21:06	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/24/24 21:06	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			07/24/24 21:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/24/24 21:06	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/24/24 21:06	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/24/24 21:06	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/24/24 21:06	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/24/24 21:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			07/24/24 21:06	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/24/24 21:06	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			07/24/24 21:06	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/24/24 21:06	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/24/24 21:06	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/24/24 21:06	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/24/24 21:06	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/24/24 21:06	1
Styrene	1.0	U	1.0	0.42	ug/L			07/24/24 21:06	1

Client Sample ID: TB-01_20240719

Date Collected: 07/19/24 15:00
Date Received: 07/19/24 19:00

Lab Sample ID: 460-308013-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/24/24 21:06	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			07/24/24 21:06	1
Toluene	1.0	U	1.0	0.38	ug/L			07/24/24 21:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/24/24 21:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			07/24/24 21:06	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			07/24/24 21:06	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/24/24 21:06	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			07/24/24 21:06	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/24/24 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*		*07/24/24 21:06*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*07/24/24 21:06*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*07/24/24 21:06*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/24/24 21:06*	*1*

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Ave

Job ID: 460-308013-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-308013-1	MW-8_20240719	86	103	104	99
460-308013-1 MS	MW-8_20240719	84	107	100	98
460-308013-1 MSD	MW-8_20240719	85	107	99	97
460-308013-2	MW-7_20240719	85	105	100	98
460-308013-3	MW-6_20240719	86	103	100	96
460-308013-4	DUP-01_20240719	85	104	101	97
460-308013-5	FB-01_20240719	85	103	100	96
460-308013-6	TB-01_20240719	87	106	102	97
LCS 460-986925/5	Lab Control Sample	84	105	101	98
LCSD 460-986925/6	Lab Control Sample Dup	82	105	98	97
MB 460-986925/9	Method Blank	84	104	100	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-986925/9
Matrix: Water
Analysis Batch: 986925

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			07/24/24 20:27	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			07/24/24 20:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			07/24/24 20:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			07/24/24 20:27	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			07/24/24 20:27	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			07/24/24 20:27	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			07/24/24 20:27	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			07/24/24 20:27	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			07/24/24 20:27	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			07/24/24 20:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			07/24/24 20:27	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			07/24/24 20:27	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			07/24/24 20:27	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			07/24/24 20:27	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			07/24/24 20:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			07/24/24 20:27	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			07/24/24 20:27	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			07/24/24 20:27	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			07/24/24 20:27	1
Acetone	5.0	U	5.0	4.4	ug/L			07/24/24 20:27	1
Benzene	1.0	U	1.0	0.20	ug/L			07/24/24 20:27	1
Bromoform	1.0	U	1.0	0.54	ug/L			07/24/24 20:27	1
Bromomethane	1.0	U	1.0	0.55	ug/L			07/24/24 20:27	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			07/24/24 20:27	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			07/24/24 20:27	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			07/24/24 20:27	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			07/24/24 20:27	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			07/24/24 20:27	1
Chloroethane	1.0	U	1.0	0.32	ug/L			07/24/24 20:27	1
Chloroform	1.0	U	1.0	0.33	ug/L			07/24/24 20:27	1
Chloromethane	1.0	U	1.0	0.40	ug/L			07/24/24 20:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			07/24/24 20:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			07/24/24 20:27	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			07/24/24 20:27	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			07/24/24 20:27	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/24/24 20:27	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			07/24/24 20:27	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			07/24/24 20:27	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			07/24/24 20:27	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			07/24/24 20:27	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			07/24/24 20:27	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			07/24/24 20:27	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			07/24/24 20:27	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			07/24/24 20:27	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			07/24/24 20:27	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			07/24/24 20:27	1
o-Xylene	1.0	U	1.0	0.36	ug/L			07/24/24 20:27	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			07/24/24 20:27	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-986925/9
Matrix: Water
Analysis Batch: 986925

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			07/24/24 20:27	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			07/24/24 20:27	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			07/24/24 20:27	1
Toluene	1.0	U	1.0	0.38	ug/L			07/24/24 20:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/24/24 20:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			07/24/24 20:27	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			07/24/24 20:27	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			07/24/24 20:27	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			07/24/24 20:27	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			07/24/24 20:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*		*07/24/24 20:27*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*07/24/24 20:27*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*07/24/24 20:27*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/24/24 20:27*	*1*

Lab Sample ID: LCS 460-986925/5
Matrix: Water
Analysis Batch: 986925

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.1		ug/L		105	72 - 128
1,1,2,2-Tetrachloroethane	20.0	14.7		ug/L		73	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.4		ug/L		102	65 - 142
1,1,2-Trichloroethane	20.0	18.0		ug/L		90	74 - 125
1,1-Dichloroethane	20.0	19.6		ug/L		98	73 - 130
1,1-Dichloroethene	20.0	19.1		ug/L		96	68 - 133
1,2,3-Trichlorobenzene	20.0	21.6		ug/L		108	55 - 150
1,2,4-Trichlorobenzene	20.0	20.4		ug/L		102	67 - 132
1,2,4-Trimethylbenzene	20.0	18.9		ug/L		95	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	13.3		ug/L		67	58 - 132
1,2-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 120
1,2-Dichloroethane	20.0	16.9		ug/L		85	66 - 129
1,2-Dichloropropane	20.0	18.4		ug/L		92	72 - 128
1,3,5-Trimethylbenzene	20.0	18.7		ug/L		94	75 - 125
1,3-Dichlorobenzene	20.0	20.7		ug/L		104	80 - 120
1,4-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120
2-Butanone (MEK)	100	99.4		ug/L		99	65 - 142
2-Hexanone	100	105		ug/L		105	72 - 134
4-Methyl-2-pentanone (MIBK)	100	109		ug/L		109	77 - 130
Acetone	100	89.3		ug/L		89	60 - 133
Benzene	20.0	18.7		ug/L		94	71 - 126
Bromoform	20.0	16.5		ug/L		83	58 - 128
Bromomethane	20.0	25.6		ug/L		128	33 - 150
Carbon disulfide	20.0	16.2		ug/L		81	35 - 150
Carbon tetrachloride	20.0	20.1		ug/L		100	65 - 131
Chlorobenzene	20.0	21.2		ug/L		106	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-986925/5
Matrix: Water
Analysis Batch: 986925

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	19.2		ug/L		96	71 - 134
Chlorodibromomethane	20.0	17.6		ug/L		88	73 - 121
Chloroethane	20.0	23.7		ug/L		119	54 - 150
Chloroform	20.0	20.2		ug/L		101	78 - 125
Chloromethane	20.0	18.8		ug/L		94	43 - 149
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	78 - 121
cis-1,3-Dichloropropene	20.0	16.3		ug/L		82	74 - 125
Cyclohexane	20.0	18.6		ug/L		93	64 - 142
Dichlorobromomethane	20.0	17.0		ug/L		85	76 - 121
Dichlorodifluoromethane	20.0	16.1		ug/L		80	38 - 144
Ethylbenzene	20.0	20.8		ug/L		104	78 - 120
Ethylene Dibromide	20.0	16.2		ug/L		81	79 - 126
Isopropylbenzene	20.0	20.1		ug/L		101	79 - 125
Methyl acetate	40.0	27.7		ug/L		69	50 - 147
Methyl tert-butyl ether	20.0	16.6		ug/L		83	72 - 131
Methylcyclohexane	20.0	17.9		ug/L		89	63 - 138
Methylene Chloride	20.0	19.1		ug/L		95	74 - 127
m-Xylene & p-Xylene	20.0	20.5		ug/L		102	78 - 120
n-Butylbenzene	20.0	19.6		ug/L		98	69 - 135
N-Propylbenzene	20.0	18.2		ug/L		91	68 - 129
o-Xylene	20.0	20.1		ug/L		101	78 - 120
sec-Butylbenzene	20.0	19.1		ug/L		96	77 - 129
Styrene	20.0	19.3		ug/L		96	82 - 127
tert-Butylbenzene	20.0	18.7		ug/L		93	78 - 120
Tetrachloroethene	20.0	21.5		ug/L		107	70 - 127
Toluene	20.0	19.2		ug/L		96	78 - 120
trans-1,2-Dichloroethene	20.0	19.4		ug/L		97	70 - 126
trans-1,3-Dichloropropene	20.0	15.8		ug/L		79	71 - 127
Trichloroethene	20.0	19.2		ug/L		96	73 - 121
Trichlorofluoromethane	20.0	21.4		ug/L		107	62 - 134
Vinyl chloride	20.0	19.0		ug/L		95	55 - 144
Xylenes, Total	40.0	40.6		ug/L		101	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*101*		*77 - 132*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 460-986925/6
Matrix: Water
Analysis Batch: 986925

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	22.1		ug/L		110	72 - 128	4	30
1,1,2,2-Tetrachloroethane	20.0	15.1		ug/L		76	63 - 139	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.1		ug/L		105	65 - 142	3	30
1,1,2-Trichloroethane	20.0	17.9		ug/L		89	74 - 125	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-986925/6
Matrix: Water
Analysis Batch: 986925

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	20.0	20.0		ug/L		100	73 - 130	2	30
1,1-Dichloroethene	20.0	20.4		ug/L		102	68 - 133	6	30
1,2,3-Trichlorobenzene	20.0	21.1		ug/L		105	55 - 150	3	30
1,2,4-Trichlorobenzene	20.0	20.5		ug/L		103	67 - 132	1	30
1,2,4-Trimethylbenzene	20.0	19.4		ug/L		97	75 - 125	3	30
1,2-Dibromo-3-Chloropropane	20.0	13.4		ug/L		67	58 - 132	1	30
1,2-Dichlorobenzene	20.0	19.9		ug/L		100	80 - 120	1	30
1,2-Dichloroethane	20.0	17.7		ug/L		88	66 - 129	4	30
1,2-Dichloropropane	20.0	19.2		ug/L		96	72 - 128	4	30
1,3,5-Trimethylbenzene	20.0	18.9		ug/L		94	75 - 125	1	30
1,3-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120	0	30
1,4-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120	0	30
2-Butanone (MEK)	100	105		ug/L		105	65 - 142	6	30
2-Hexanone	100	105		ug/L		105	72 - 134	0	30
4-Methyl-2-pentanone (MIBK)	100	114		ug/L		114	77 - 130	4	30
Acetone	100	90.3		ug/L		90	60 - 133	1	30
Benzene	20.0	19.4		ug/L		97	71 - 126	4	30
Bromoform	20.0	16.5		ug/L		83	58 - 128	0	30
Bromomethane	20.0	26.9		ug/L		134	33 - 150	5	30
Carbon disulfide	20.0	17.3		ug/L		86	35 - 150	6	30
Carbon tetrachloride	20.0	21.4		ug/L		107	65 - 131	6	30
Chlorobenzene	20.0	21.4		ug/L		107	80 - 120	1	30
Chlorobromomethane	20.0	19.9		ug/L		99	71 - 134	3	30
Chlorodibromomethane	20.0	17.9		ug/L		90	73 - 121	2	30
Chloroethane	20.0	24.3		ug/L		121	54 - 150	2	30
Chloroform	20.0	21.1		ug/L		105	78 - 125	4	30
Chloromethane	20.0	20.1		ug/L		101	43 - 149	7	30
cis-1,2-Dichloroethene	20.0	20.1		ug/L		100	78 - 121	2	30
cis-1,3-Dichloropropene	20.0	16.3		ug/L		82	74 - 125	0	30
Cyclohexane	20.0	19.8		ug/L		99	64 - 142	6	30
Dichlorobromomethane	20.0	17.9		ug/L		90	76 - 121	5	30
Dichlorodifluoromethane	20.0	16.7		ug/L		83	38 - 144	4	30
Ethylbenzene	20.0	21.4		ug/L		107	78 - 120	3	30
Ethylene Dibromide	20.0	17.3		ug/L		86	79 - 126	7	30
Isopropylbenzene	20.0	20.9		ug/L		104	79 - 125	4	30
Methyl acetate	40.0	27.6		ug/L		69	50 - 147	0	30
Methyl tert-butyl ether	20.0	17.0		ug/L		85	72 - 131	2	30
Methylcyclohexane	20.0	19.1		ug/L		96	63 - 138	7	30
Methylene Chloride	20.0	19.9		ug/L		100	74 - 127	4	30
m-Xylene & p-Xylene	20.0	20.7		ug/L		104	78 - 120	1	30
n-Butylbenzene	20.0	20.1		ug/L		101	69 - 135	3	30
N-Propylbenzene	20.0	19.1		ug/L		96	68 - 129	5	30
o-Xylene	20.0	20.1		ug/L		101	78 - 120	0	30
sec-Butylbenzene	20.0	19.7		ug/L		99	77 - 129	3	30
Styrene	20.0	18.9		ug/L		94	82 - 127	2	30
tert-Butylbenzene	20.0	19.2		ug/L		96	78 - 120	3	30
Tetrachloroethene	20.0	22.3		ug/L		112	70 - 127	4	30
Toluene	20.0	19.5		ug/L		98	78 - 120	2	30
trans-1,2-Dichloroethene	20.0	20.2		ug/L		101	70 - 126	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-986925/6
Matrix: Water
Analysis Batch: 986925

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			20.0	15.8		ug/L		79	71 - 127	0	30
Trichloroethene			20.0	19.3		ug/L		97	73 - 121	1	30
Trichlorofluoromethane			20.0	21.8		ug/L		109	62 - 134	2	30
Vinyl chloride			20.0	20.5		ug/L		102	55 - 144	7	30
Xylenes, Total			40.0	40.9		ug/L		102	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 128*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 460-308013-1 MS
Matrix: Water
Analysis Batch: 986925

Client Sample ID: MW-8_20240719
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane	1.0	U	20.0	23.4		ug/L		117	72 - 128		
1,1,2,2-Tetrachloroethane	1.0	U	20.0	15.9		ug/L		79	63 - 139		
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	23.2		ug/L		116	65 - 142		
1,1,2-Trichloroethane	1.0	U	20.0	18.7		ug/L		94	74 - 125		
1,1-Dichloroethane	1.0	U	20.0	20.8		ug/L		104	73 - 130		
1,1-Dichloroethene	1.0	U	20.0	18.9		ug/L		94	68 - 133		
1,2,3-Trichlorobenzene	1.0	U	20.0	19.1		ug/L		96	55 - 150		
1,2,4-Trichlorobenzene	1.0	U	20.0	19.9		ug/L		100	67 - 132		
1,2,4-Trimethylbenzene	1.0	U	20.0	20.3		ug/L		102	75 - 125		
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	14.6		ug/L		73	58 - 132		
1,2-Dichlorobenzene	1.0	U	20.0	21.2		ug/L		106	80 - 120		
1,2-Dichloroethane	1.0	U	20.0	17.8		ug/L		89	66 - 129		
1,2-Dichloropropane	1.0	U	20.0	19.3		ug/L		97	72 - 128		
1,3,5-Trimethylbenzene	1.0	U	20.0	19.9		ug/L		100	75 - 125		
1,3-Dichlorobenzene	1.0	U	20.0	21.8		ug/L		109	80 - 120		
1,4-Dichlorobenzene	1.0	U	20.0	21.9		ug/L		109	80 - 120		
2-Butanone (MEK)	5.0	U	100	106		ug/L		106	65 - 142		
2-Hexanone	5.0	U	100	119		ug/L		119	72 - 134		
4-Methyl-2-pentanone (MIBK)	5.0	U	100	123		ug/L		123	77 - 130		
Acetone	5.0	U	100	105		ug/L		105	60 - 133		
Benzene	1.0	U	20.0	19.0		ug/L		95	71 - 126		
Bromoform	1.0	U	20.0	17.7		ug/L		88	58 - 128		
Bromomethane	1.0	U	20.0	22.5		ug/L		112	33 - 150		
Carbon disulfide	1.0	U	20.0	9.94		ug/L		50	35 - 150		
Carbon tetrachloride	1.0	U	20.0	22.3		ug/L		111	65 - 131		
Chlorobenzene	1.0	U	20.0	22.4		ug/L		112	80 - 120		
Chlorobromomethane	1.0	U	20.0	19.4		ug/L		97	71 - 134		
Chlorodibromomethane	1.0	U	20.0	18.2		ug/L		91	73 - 121		
Chloroethane	1.0	U	20.0	23.4		ug/L		117	54 - 150		
Chloroform	1.0	U	20.0	21.8		ug/L		109	78 - 125		
Chloromethane	1.0	U	20.0	16.1		ug/L		80	43 - 149		

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-308013-1 MS
Matrix: Water
Analysis Batch: 986925

Client Sample ID: MW-8_20240719
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	1.0	U	20.0	20.1		ug/L		100	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	15.6		ug/L		78	74 - 125
Cyclohexane	1.0	U	20.0	18.1		ug/L		91	64 - 142
Dichlorobromomethane	1.0	U	20.0	18.3		ug/L		92	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	14.7		ug/L		73	38 - 144
Ethylbenzene	1.0	U	20.0	22.2		ug/L		111	78 - 120
Ethylene Dibromide	1.0	U	20.0	17.6		ug/L		88	79 - 126
Isopropylbenzene	1.0	U	20.0	22.6		ug/L		113	79 - 125
Methyl acetate	5.0	U	40.0	26.5		ug/L		66	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	17.3		ug/L		87	72 - 131
Methylcyclohexane	1.0	U	20.0	17.9		ug/L		89	63 - 138
Methylene Chloride	1.0	U	20.0	18.8		ug/L		94	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	21.7		ug/L		108	78 - 120
n-Butylbenzene	1.0	U	20.0	21.0		ug/L		105	69 - 135
N-Propylbenzene	1.0	U	20.0	19.8		ug/L		99	68 - 129
o-Xylene	1.0	U	20.0	20.7		ug/L		103	78 - 120
sec-Butylbenzene	1.0	U	20.0	21.0		ug/L		105	77 - 129
Styrene	1.0	U	20.0	20.0		ug/L		100	82 - 127
tert-Butylbenzene	1.0	U	20.0	20.7		ug/L		104	78 - 120
Tetrachloroethene	1.8		20.0	24.0		ug/L		111	70 - 127
Toluene	1.0	U	20.0	20.1		ug/L		101	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	18.4		ug/L		92	70 - 126
trans-1,3-Dichloropropene	1.0	U	20.0	15.2		ug/L		76	71 - 127
Trichloroethene	1.0	U	20.0	19.5		ug/L		98	73 - 121
Trichlorofluoromethane	1.0	U	20.0	22.9		ug/L		114	62 - 134
Vinyl chloride	1.0	U	20.0	18.1		ug/L		90	55 - 144
Xylenes, Total	2.0	U	40.0	42.4		ug/L		106	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*107*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 132*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 460-308013-1 MSD
Matrix: Water
Analysis Batch: 986925

Client Sample ID: MW-8_20240719
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	23.1		ug/L		116	72 - 128	1	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	16.4		ug/L		82	63 - 139	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	23.8		ug/L		119	65 - 142	3	30
1,1,2-Trichloroethane	1.0	U	20.0	19.7		ug/L		98	74 - 125	5	30
1,1-Dichloroethane	1.0	U	20.0	20.6		ug/L		103	73 - 130	1	30
1,1-Dichloroethene	1.0	U	20.0	18.9		ug/L		95	68 - 133	0	30
1,2,3-Trichlorobenzene	1.0	U	20.0	22.1		ug/L		110	55 - 150	14	30
1,2,4-Trichlorobenzene	1.0	U	20.0	21.2		ug/L		106	67 - 132	6	30
1,2,4-Trimethylbenzene	1.0	U	20.0	20.3		ug/L		101	75 - 125	0	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-308013-1 MSD
Matrix: Water
Analysis Batch: 986925

Client Sample ID: MW-8_20240719
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	14.8		ug/L		74	58 - 132	1	30
1,2-Dichlorobenzene	1.0	U	20.0	21.1		ug/L		105	80 - 120	1	30
1,2-Dichloroethane	1.0	U	20.0	17.9		ug/L		89	66 - 129	1	30
1,2-Dichloropropane	1.0	U	20.0	19.3		ug/L		96	72 - 128	0	30
1,3,5-Trimethylbenzene	1.0	U	20.0	20.2		ug/L		101	75 - 125	1	30
1,3-Dichlorobenzene	1.0	U	20.0	22.3		ug/L		112	80 - 120	2	30
1,4-Dichlorobenzene	1.0	U	20.0	22.1		ug/L		110	80 - 120	1	30
2-Butanone (MEK)	5.0	U	100	109		ug/L		109	65 - 142	4	30
2-Hexanone	5.0	U	100	120		ug/L		120	72 - 134	1	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	126		ug/L		126	77 - 130	3	30
Acetone	5.0	U	100	93.8		ug/L		94	60 - 133	12	30
Benzene	1.0	U	20.0	19.3		ug/L		97	71 - 126	2	30
Bromoform	1.0	U	20.0	18.2		ug/L		91	58 - 128	3	30
Bromomethane	1.0	U	20.0	23.2		ug/L		116	33 - 150	3	30
Carbon disulfide	1.0	U	20.0	10.1		ug/L		51	35 - 150	2	30
Carbon tetrachloride	1.0	U	20.0	22.7		ug/L		113	65 - 131	2	30
Chlorobenzene	1.0	U	20.0	22.6		ug/L		113	80 - 120	1	30
Chlorobromomethane	1.0	U	20.0	19.2		ug/L		96	71 - 134	1	30
Chlorodibromomethane	1.0	U	20.0	18.8		ug/L		94	73 - 121	3	30
Chloroethane	1.0	U	20.0	22.8		ug/L		114	54 - 150	3	30
Chloroform	1.0	U	20.0	22.2		ug/L		111	78 - 125	2	30
Chloromethane	1.0	U	20.0	17.1		ug/L		85	43 - 149	6	30
cis-1,2-Dichloroethene	1.0	U	20.0	20.0		ug/L		100	78 - 121	0	30
cis-1,3-Dichloropropene	1.0	U	20.0	15.7		ug/L		78	74 - 125	0	30
Cyclohexane	1.0	U	20.0	18.1		ug/L		90	64 - 142	0	30
Dichlorobromomethane	1.0	U	20.0	19.5		ug/L		98	76 - 121	6	30
Dichlorodifluoromethane	1.0	U	20.0	15.5		ug/L		78	38 - 144	6	30
Ethylbenzene	1.0	U	20.0	22.3		ug/L		112	78 - 120	1	30
Ethylene Dibromide	1.0	U	20.0	17.6		ug/L		88	79 - 126	0	30
Isopropylbenzene	1.0	U	20.0	22.8		ug/L		114	79 - 125	1	30
Methyl acetate	5.0	U	40.0	26.5		ug/L		66	50 - 147	0	30
Methyl tert-butyl ether	1.0	U	20.0	17.7		ug/L		88	72 - 131	2	30
Methylcyclohexane	1.0	U	20.0	18.3		ug/L		91	63 - 138	2	30
Methylene Chloride	1.0	U	20.0	18.9		ug/L		94	74 - 127	0	30
m-Xylene & p-Xylene	1.0	U	20.0	21.9		ug/L		110	78 - 120	1	30
n-Butylbenzene	1.0	U	20.0	21.2		ug/L		106	69 - 135	1	30
N-Propylbenzene	1.0	U	20.0	20.1		ug/L		100	68 - 129	1	30
o-Xylene	1.0	U	20.0	21.3		ug/L		107	78 - 120	3	30
sec-Butylbenzene	1.0	U	20.0	21.1		ug/L		105	77 - 129	1	30
Styrene	1.0	U	20.0	19.9		ug/L		100	82 - 127	0	30
tert-Butylbenzene	1.0	U	20.0	21.0		ug/L		105	78 - 120	2	30
Tetrachloroethene	1.8		20.0	23.7		ug/L		110	70 - 127	1	30
Toluene	1.0	U	20.0	20.1		ug/L		101	78 - 120	0	30
trans-1,2-Dichloroethene	1.0	U	20.0	18.1		ug/L		91	70 - 126	2	30
trans-1,3-Dichloropropene	1.0	U	20.0	15.7		ug/L		79	71 - 127	3	30
Trichloroethene	1.0	U	20.0	20.0		ug/L		100	73 - 121	2	30
Trichlorofluoromethane	1.0	U	20.0	23.1		ug/L		115	62 - 134	1	30
Vinyl chloride	1.0	U	20.0	18.7		ug/L		94	55 - 144	4	30
Xylenes, Total	2.0	U	40.0	43.3		ug/L		108	80 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 128
4-Bromofluorobenzene	107		76 - 120
Dibromofluoromethane (Surr)	99		77 - 132
Toluene-d8 (Surr)	97		80 - 120

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Ave

Job ID: 460-308013-1

GC/MS VOA

Analysis Batch: 986925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-308013-1	MW-8_20240719	Total/NA	Water	8260D	
460-308013-2	MW-7_20240719	Total/NA	Water	8260D	
460-308013-3	MW-6_20240719	Total/NA	Water	8260D	
460-308013-4	DUP-01_20240719	Total/NA	Water	8260D	
460-308013-5	FB-01_20240719	Total/NA	Water	8260D	
460-308013-6	TB-01_20240719	Total/NA	Water	8260D	
MB 460-986925/9	Method Blank	Total/NA	Water	8260D	
LCS 460-986925/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-986925/6	Lab Control Sample Dup	Total/NA	Water	8260D	
460-308013-1 MS	MW-8_20240719	Total/NA	Water	8260D	
460-308013-1 MSD	MW-8_20240719	Total/NA	Water	8260D	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Ave

Job ID: 460-308013-1

Client Sample ID: MW-8_20240719
Date Collected: 07/19/24 10:25
Date Received: 07/19/24 19:00

Lab Sample ID: 460-308013-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	986925	VBP	EET EDI	07/24/24 21:26

Client Sample ID: MW-7_20240719
Date Collected: 07/19/24 13:15
Date Received: 07/19/24 19:00

Lab Sample ID: 460-308013-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	986925	VBP	EET EDI	07/24/24 21:46

Client Sample ID: MW-6_20240719
Date Collected: 07/19/24 14:50
Date Received: 07/19/24 19:00

Lab Sample ID: 460-308013-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	986925	VBP	EET EDI	07/24/24 22:05

Client Sample ID: DUP-01_20240719
Date Collected: 07/19/24 00:00
Date Received: 07/19/24 19:00

Lab Sample ID: 460-308013-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	986925	VBP	EET EDI	07/24/24 22:25

Client Sample ID: FB-01_20240719
Date Collected: 07/19/24 14:30
Date Received: 07/19/24 19:00

Lab Sample ID: 460-308013-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	986925	VBP	EET EDI	07/24/24 20:47

Client Sample ID: TB-01_20240719
Date Collected: 07/19/24 15:00
Date Received: 07/19/24 19:00

Lab Sample ID: 460-308013-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	986925	VBP	EET EDI	07/24/24 21:06

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Ave

Job ID: 460-308013-1

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-25

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
524FREONS_00018	05/11/24	04/11/24	MeOH, Lot EH 869-US	50 mL	7 Freons_00004	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00004	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00002	06/18/24	05/18/23	MeOH, Lot 22C2862010	5 mL	7 Freons_00001	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00001	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00179	05/13/24	04/13/24	MeOH, Lot EH869-US	10 mL	KetonesC SS_00016	200 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix SS_00021	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00016	02/28/26		RESTEK, Lot A0194631		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix SS_00021	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260MIX1COMB_00187	05/27/24	04/27/24	MeOH, Lot 22L0562016	50 mL	2-CEVEC_00029	1 mL	2-Chloroethyl vinyl ether	50.12 ug/mL
					EPICH(working_00014	500 uL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00022	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00022	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00028	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					LIST2/STD6_00021	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00024	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00039	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00027	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00099	1 mL	Vinyl acetate	100 ug/mL
.2-CEVEC_00029	02/28/27		RESTEK, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT) 00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new) 00022	02/28/27		RESTEK, Lot A0207964		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00022	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00028	10/31/26		RESTEK, Lot A0203422		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.LIST2/STD6_00021	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00024	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00039	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00027	02/28/25		RESTEK, Lot A0194786		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00099	01/31/25		RESTEK, Lot A0200199		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00187	05/27/24	04/27/24	MeOH, Lot 22L0562016	50 mL	Mega Mix_00039	1 mL	Xylenes, Total	100 ug/mL
.Mega Mix_00039	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
8260MIX1COMB_00190	07/28/24	06/28/24	MeOH, Lot EI434-US	50 mL	KetonesC_00028	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix_00041	1 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC_00028	10/31/26		RESTEK, Lot A0203422		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
ACROLEIN W_00169	06/03/24	05/03/24	MeOH, Lot 22L0562016	10 mL	ACROLEIN_00024	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00024	08/31/24		RESTEK, Lot A0194513		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00124	05/13/24	04/13/24	MeOH, Lot EH869-US	10 mL	Acrylonitrile_00009	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00013	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00009	11/18/24		ABSOLUTE, Lot 111821		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00013	09/08/25	09/08/23	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00035							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	200 uL	4-Bromofluorobenzene	50 ug/mL
							BFB	50 ug/mL
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
Ethanol mix_00089	06/02/24	05/02/24	MeOH, Lot 22L0562016	5 mL	ETHANOL(new)_00022	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00022	02/28/27		RESTEK, Lot A0207964		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00566	05/10/24	05/03/24	MeOH, Lot 22L0562016	5 mL	GASES SS_00023	0.1 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00023	07/31/26		RESTEK, Lot A0200059		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00469	05/16/24	05/02/24	MeOH, Lot EH869-US	5 mL	GASES SS_00025	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES SS_00025	04/30/27		RESTEK, Lot A0210106		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00582	05/10/24	05/03/24	MeOH, Lot 22L0562016	25 mL	GASES SS_00025	0.5 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00025	04/30/27		RESTEK, Lot A0210106		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00593	07/24/24	07/17/24	MeOH, Lot EI434-US	25 mL	GASES C_00041	0.5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00149	06/02/24	05/02/24	MeOH, Lot 22L0562016	5 mL	2-CEVEC_00029	1 mL	2-Chloroethyl vinyl ether	501.2 ug/mL
					Extra Cmpd_00022	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00021	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00024	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00028	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.2-CEVEC_00029	02/28/27		RESTEK, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.Extra Cmpd_00022	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00021	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00024	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00028	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00176	06/02/24	05/02/24	MeOH, Lot 22L0562016	5 mL	EPICH(working_00014	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00028	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
					Mega Mix_00039	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chlorodibromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromomethane	500 ug/mL
							Dichlorobromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00099	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00028	10/31/26		RESTEK, Lot A0203422		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00039	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00099	01/31/25		RESTEK, Lot A0200199		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VOA6IS/SURR_00072	05/15/24	03/15/24	MeOH, Lot 22L0562016	10 mL	8260 SURR C_00062	200 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					8260ISNEW_00199	2 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260 SURR C_00062	09/30/28		RESTEK, Lot A0201943		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.8260ISNEW_00199	02/28/29		RESTEK, Lot A0207697		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
VOA6IS/SURR_00075	08/27/24	06/27/24	MeOH, Lot EI434-US	10 mL	8260ISNEW_00205	2 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260ISNEW_00205	06/30/29		RESTEK, Lot A0212332		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
VOA6IS/SURR_00075	08/27/24	06/27/24	MeOH, Lot EI434-US	10 mL	8260 SURR C_00063	200 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.8260 SURR C_00063	09/30/28		RESTEK, Lot A0201943		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL

Reagent

2-CEVEC_00029

RESTEK
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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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R2494

CERTIFIED REFERENCE MATERIAL

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

07/25/2024

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569723 **Lot No.:** A0208368

Description : 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Chloroethyl vinyl ether	110-75-8	MKCK6742	99%	2,521.0 µg/mL	+/- 31.3743

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Reagent

7 Freons_00001

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM 16700175

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

07/25/2024

CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

R2389
MS 4/12/23

Solvent(s): Methanol **Lot#** EF282-USQ5

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Eli Aliaga		040723
Formulated By:	Eli Aliaga	DATE
Pedro Rentas		040723
Reviewed By:	Pedro L. Rentas	DATE

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6 ✓	1000 ppm(3500mg/m3/8H)	N/A
2. Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3 ✓	N/A	N/A
3. Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9 ✓	N/A	N/A
4. 1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4 ✓	N/A	N/A
5. 2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2 ✓	N/A	N/A
6. 1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6 ✓	N/A	N/A
7. 1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0 ✓	500 ppm	N/A

7 FREONS
2000 ppm 7 Freons
1
mL
ug/mL

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

7 Freons_00004

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s):	Lot#
Methanol	EF282-USQ5

R 2500
#11658011
MS 4/11/2024

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Eli Aliaga	040723
Formulated By: Eli Aliaga	DATE
Pedro Rentas	040723
Reviewed By: Pedro L. Rentas	DATE

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2. Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3. Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4. 1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5. 2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6. 1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7. 1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

8260 SURR C_00062

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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MS 12/14/23

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

07/25/2024

Certificate of Analysis

chromatographic plus

R2460

#1139212,6

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0201943

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,522.5 µg/mL	+/- 141.7031
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,507.5 µg/mL	+/- 140.8605
3	Toluene-d8	2037-26-5	PR-33397	99%	2,514.5 µg/mL	+/- 141.2537
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,522.5 µg/mL	+/- 141.7031

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260 SURR C_00063

R2488

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

07/25/2024

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0201943

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,522.5 µg/mL	+/- 141.7031
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,507.5 µg/mL	+/- 140.8605
3	Toluene-d8	2037-26-5	PR-33397	99%	2,514.5 µg/mL	+/- 141.2537
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,522.5 µg/mL	+/- 141.7031

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260ISNEW_00199

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2475
2/15/24 MS
11524182

07/25/2024

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0207697

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : February 28, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,042.7 µg/mL	+/- 62.7252
2	2-Butanone-d5	24313-50-6	M-276	99%	1,258.3 µg/mL	+/- 15.6602
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.3 µg/mL	+/- 3.1239
4	1,4-Dioxane-d8	17647-74-4	RP230605	99%	5,042.0 µg/mL	+/- 62.7169
5	Chlorobenzene-d5	3114-55-4	PR-29571	99%	250.7 µg/mL	+/- 3.1280
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1280

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Page 1 of 650

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

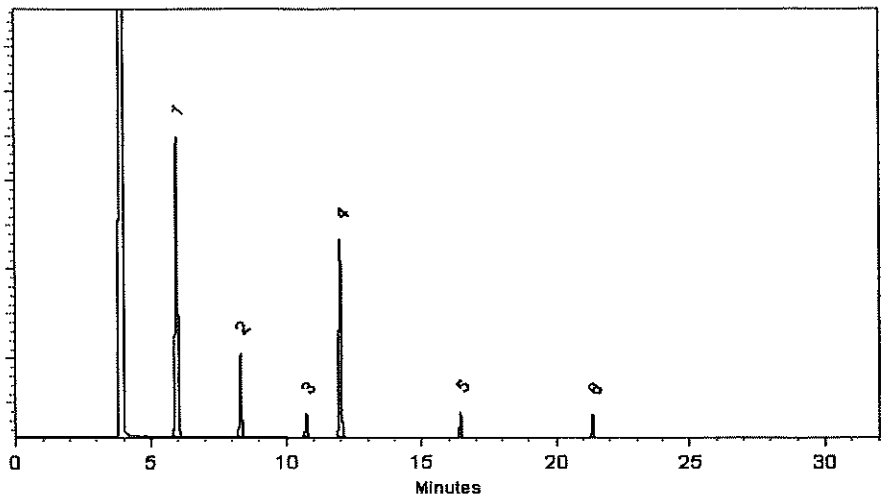
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

John Friedline - Operations Technician I

Date Mixed: 12-Feb-2024 **Balance Serial #** 1128342314

Dillan Murphy - Operations Technician I

Date Passed: 14-Feb-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

8260ISNEW_00205

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Certificate #3222.02

07/25/2024

Certificate of Analysis

chromatographic plus

R2529

6/6/24 MS #11794860

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0212332

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : June 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,028.8 µg/mL	+/- 62.4550
2	2-Butanone-d5	24313-50-6	M-276	99%	1,256.0 µg/mL	+/- 15.5990
3	Fluorobenzene	462-06-6	BCBZ5549	99%	251.1 µg/mL	+/- 3.1204
4	1,4-Dioxane-d8	17647-74-4	RP230605	99%	5,011.4 µg/mL	+/- 62.2392
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.6 µg/mL	+/- 3.1142
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	252.4 µg/mL	+/- 3.1360

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

ACROLEIN_00024

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R24731

CERTIFIED REFERENCE MATERIAL

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

07/25/2024

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0194513

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2024 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RD230201	99%	19,768.0 µg/mL	+/- 580.7437

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Page 64 of 650

Reagent

Acrylonitrile_00009

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 111821
Description: Acrylonitrile

Solvent: Methanol **Lot#** EA899-USQ2

R2401 # 10853228 MS 5/31/23

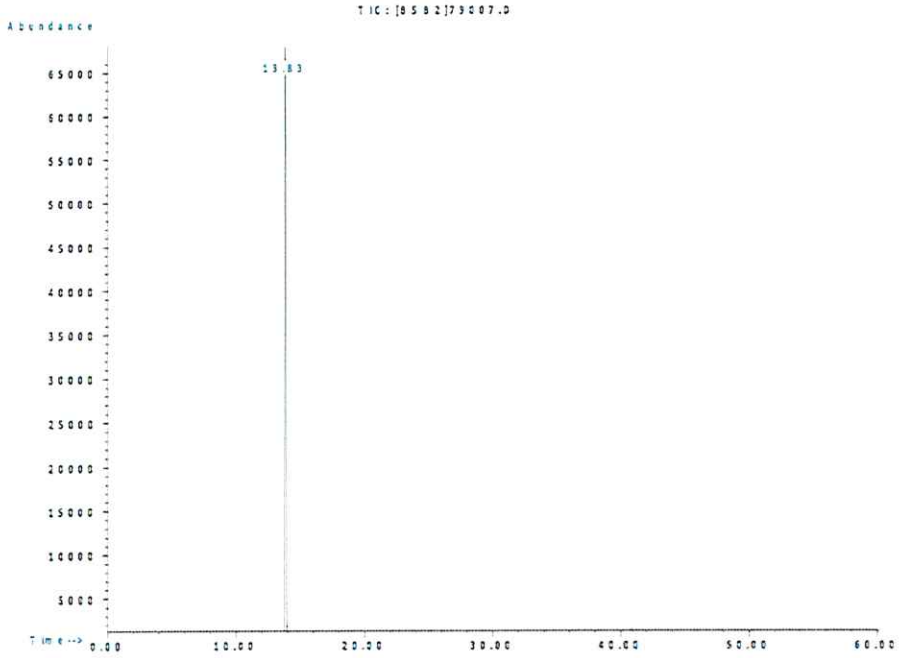
Expiration Date: 111824
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

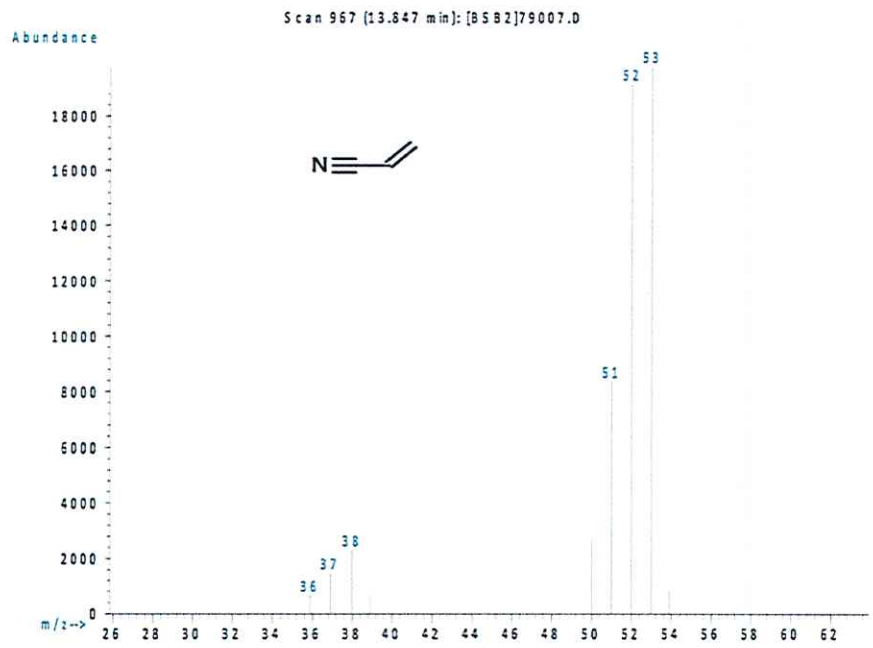
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Formulated By: Prashant Chauhan	111821 DATE
Reviewed By: Pedro L. Rentas	111821 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05064	1002.0	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

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sigma-aldrich.com

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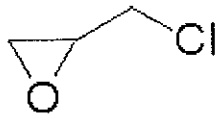
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 °C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

ETHANOL(new)_00022

R2493

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07/25/2024

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0207964

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR1203	99%	100,596.0 µg/mL	+/- 1,251.3026

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Extra Cmpd_00022

CERTIFIED WEIGHT REPORT

R2495

Part Number: 98593
Lot Number: 092922
Description: VOC Standard 2015
14 components
Expiration Date: 092925
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EC592-USQ6

Weight(s) shown below were combined and diluted to (mL): 100.0

5E-05 Balance Uncertainty
0.012 Flask Uncertainty

Formulated By:	Benson Chan	092922 DATE
Reviewed By:	Pedro L. Rentas	092922 DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	n-Amyl acetate	1515	OGL01	2500	98	0.2	0.25511	0.25561	2504.9	10.3	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2.	tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.25511	0.25536	2502.4	10.3	919-94-8	N/A	inh-mus 81284mg/m3/15H
3.	n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.25254	0.25273	2501.9	10.2	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4.	Butyl methacrylate	1314	03220HG	2500	99	0.2	0.25254	0.25285	2503.1	10.2	97-88-1	N/A	orl-rat 18 g/kg
5.	Cyclopentene	519	04013BX	2500	99	0.2	0.25254	0.25265	2501.1	10.2	142-29-0	N/A	orl-rat 1656mg/kg
6.	4-Ethyltoluene	1001	031097	2500	99	0.2	0.25254	0.25313	2505.9	10.2	622-96-8	N/A	N/A
7.	Indan	955	02625MQ	2500	96	0.2	0.26043	0.26075	2503.1	10.5	496-11-7	N/A	N/A
8.	Isoprene	1541	SHBN7340	2500	99.7	0.2	0.25076	0.25112	2503.5	10.1	78-79-5	N/A	N/A
9.	Isopropyl acetate	1106	U17E045	2500	99.9	0.2	0.25026	0.25097	2507.1	10.1	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10.	Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.25026	0.25088	2506.2	10.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11.	n-Pentane	783	SHBM5087	**5000**	99.4	0.2	0.50304	0.50358	**5005.3**	20.2	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12.	Propyl acetate	1105	05017HY	2500	99	0.2	0.25254	0.25286	2503.2	10.2	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13.	1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.25511	0.25520	2500.8	10.3	95-93-2	N/A	orl-rat 6989mg/kg
14.	1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.25511	0.25536	2502.4	10.3	105-05-5	N/A	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

GASES C_00041

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07/25/2024

Certificate of Analysis

chromatographic plus

R2527

MS 6/6/24 # 11794792

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

GASES SS_00023

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07/25/2024

Certificate of Analysis

chromatographic plus

R2459

MS 12/14/2023 #11392079

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0200059

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28302	99%	2,498.7 µg/mL	+/- 141.3032
2	Chloromethane (methyl chloride)	74-87-3.SEC	00016950	99%	2,499.9 µg/mL	+/- 141.5220
3	Vinyl chloride	75-01-4.SEC	MKBK6872V	99%	2,500.7 µg/mL	+/- 142.8051
4	1,3-Butadiene	106-99-0.SEC	26996	99%	2,500.4 µg/mL	+/- 141.3330
5	Bromomethane (methyl bromide)	74-83-9.SEC	00017022	99%	2,505.7 µg/mL	+/- 141.5475
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,499.8 µg/mL	+/- 141.4404
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14150400	90%	2,502.0 µg/mL	+/- 140.5657
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,500.7 µg/mL	+/- 142.0532

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

GASES SS_00025

R2501 11679624.

RESTEK

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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07/25/2024

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0210106

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,508.8 µg/mL	+/- 141.9696
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,503.3 µg/mL	+/- 142.0144
3	Vinyl chloride	75-01-4 *	00015559	99%	2,508.1 µg/mL	+/- 141.5910
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,509.7 µg/mL	+/- 141.7417
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,506.6 µg/mL	+/- 141.4209
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,510.1 µg/mL	+/- 142.2642
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,523.6 µg/mL	+/- 141.7792
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,512.0 µg/mL	+/- 142.1976

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

KetonesC SS_00016

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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MS 11/7/23

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Certificate of Analysis

chromatographic plus

R2444 #11295656

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07/25/2024

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0194631

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	S25F025	99%	12,530.8 µg/mL	+/- 433.0935
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,522.8 µg/mL	+/- 432.8170
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,555.6 µg/mL	+/- 433.9507
4	2-Hexanone	591-78-6.SEC	Y3TUO	99%	12,580.4 µg/mL	+/- 434.8078

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Page 80 of 650

Reagent

KetonesC_00028

R 2485 11574596.

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07/25/2024

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0203422

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	27D1062005	99%	12,507.0 µg/mL	+/- 432.2709
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,507.0 µg/mL	+/- 432.2709
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,507.0 µg/mL	+/- 432.2709
4	2-Hexanone	591-78-6	MKCQ6663	99%	12,506.0 µg/mL	+/- 432.2364

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

LIST2/STD6_00021

R2491

RESTEK

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0203604

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBQ4760	99%	25,118.5 µg/mL	+/- 410.7356
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	230928JLM	99%	2,517.5 µg/mL	+/- 41.1780
3	Methacrylonitrile	126-98-7	1012014	99%	25,073.0 µg/mL	+/- 409.9916
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBP5702	99%	2,521.5 µg/mL	+/- 41.2434
5	1-Butanol	71-36-3	101601K21K	99%	62,717.5 µg/mL	+/- 1,025.5446
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,037.2 µg/mL	+/- 82.3680
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,509.5 µg/mL	+/- 41.0471
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-36	98%	2,524.0 µg/mL	+/- 41.2841
9	Benzyl chloride	100-44-7	SHBH2102V	99%	2,511.5 µg/mL	+/- 41.0798
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,515.0 µg/mL	+/- 41.1371

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD7_00024

R2492

RESTEK

110 Benner Circle
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0200274

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBP9289	99%	5,031.0 µg/mL	+/- 173.8830
2	Ethyl acrylate	140-88-5	10129902	99%	2,502.5 µg/mL	+/- 86.4979
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,000.0 µg/mL	+/- 172.8116
4	Butyl acetate	123-86-4	SHBP6314	99%	2,506.0 µg/mL	+/- 86.6188

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Mega Mix SS_00021

R2477

RESTEK

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Bellefonte, PA 16823-8812
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0207697

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : February 28, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2;
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,042.7 µg/mL	+/- 62.7252
2	2-Butanone-d5	24313-50-6	M-276	99%	1,258.3 µg/mL	+/- 15.6602
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.3 µg/mL	+/- 3.1239
4	1,4-Dioxane-d8	17647-74-4	RP230605	99%	5,042.0 µg/mL	+/- 62.7169
5	Chlorobenzene-d5	3114-55-4	PR-29571	99%	250.7 µg/mL	+/- 3.1280
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1280

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

Mega Mix_00039

R2490

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

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53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/-	86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/-	86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/-	86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/-	86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/-	86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/-	86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/-	86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/-	86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/-	86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/-	86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/-	86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/-	86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/-	86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/-	86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/-	86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/-	86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/-	86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/-	86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/-	86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/-	86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

07/25/2024

Reagent

Mega Mix_00041

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

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53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

07/25/2024
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Reagent

POLAR ADD_00027

R2489

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

07/25/2024

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0194786

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBH6233	99%	25,178.4 µg/mL	+/- 411.7151
2	Diisopropyl ether (DIPE)	108-20-3	STBK3450	99%	2,519.2 µg/mL	+/- 41.2058
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCP5997	99%	2,512.8 µg/mL	+/- 41.1011
4	Propionitrile	107-12-0	BCCF4167	99%	25,095.6 µg/mL	+/- 410.3612
5	tert-Amyl alcohol	75-85-4	STBB1898V	99%	25,105.6 µg/mL	+/- 410.5247
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBG7745V	99%	2,514.0 µg/mL	+/- 41.1207

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

POLAR ADD_00028

A2502

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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07/25/2024

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0210249

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,019.2 µg/mL	+/- 409.1119
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,512.4 µg/mL	+/- 41.0946
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	2,519.0 µg/mL	+/- 41.2024
4	Propionitrile	107-12-0	BCCH7430	99%	25,234.4 µg/mL	+/- 412.6308
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,096.4 µg/mL	+/- 410.3743
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,517.2 µg/mL	+/- 41.1731

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Vinyl Acetate_00099

R2484 11574468

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

07/25/2024

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0200199

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD220630	99%	5,036.0 µg/mL	+/- 174.0672

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

07/25/2024

CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s):	Lot#
Methanol	EB373-US

R2384

MS 3/31/23 #10669421

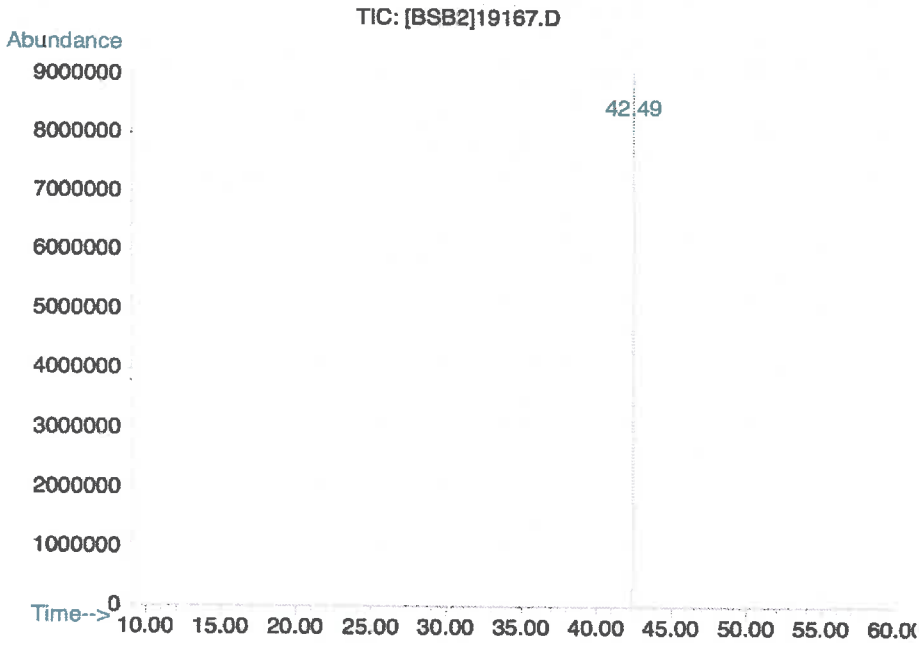
5E-05 Balance Uncertainty

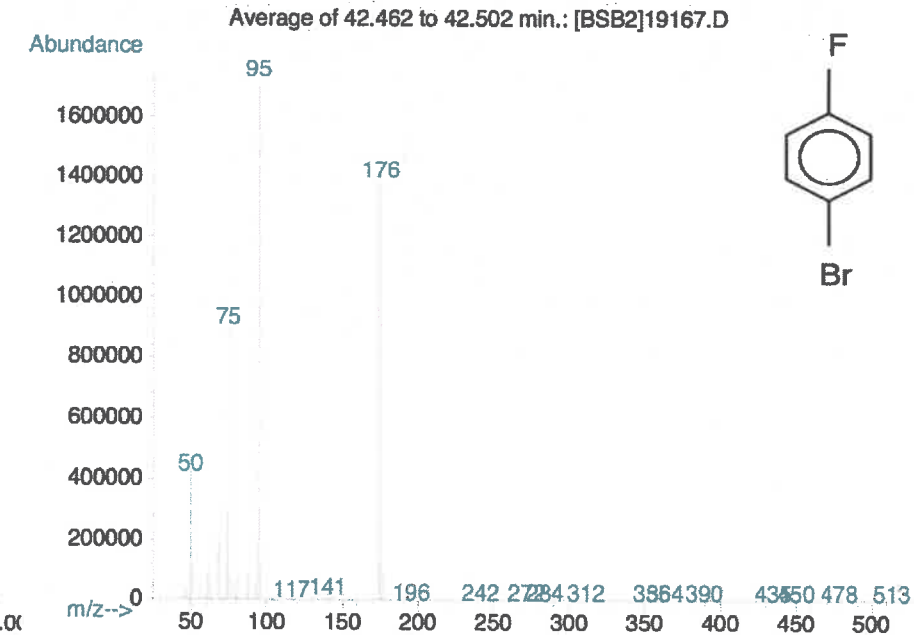
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

		030822
Formulated By:	Benson Chan	DATE
		030822
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	orl-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-8_20240719	460-308013-1	104	86	99	103
MW-7_20240719	460-308013-2	100	85	98	105
MW-6_20240719	460-308013-3	100	86	96	103
DUP-01_20240719	460-308013-4	101	85	97	104
FB-01_20240719	460-308013-5	100	85	96	103
TB-01_20240719	460-308013-6	102	87	97	106
	MB 460-986925/9	100	84	98	104
	LCS 460-986925/5	101	84	98	105
	LCSD 460-986925/6	98	82	97	105
MW-8_20240719 MS	460-308013-1 MS	100	84	98	107
MW-8_20240719 MSD	460-308013-1 MSD	99	85	97	107

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT83663.D

Lab ID: LCS 460-986925/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.1	105	72-128	
1,1,2,2-Tetrachloroethane	20.0	14.7	73	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.4	102	65-142	
1,1,2-Trichloroethane	20.0	18.0	90	74-125	
1,1-Dichloroethane	20.0	19.6	98	73-130	
1,1-Dichloroethene	20.0	19.1	96	68-133	
1,2,3-Trichlorobenzene	20.0	21.6	108	55-150	
1,2,4-Trichlorobenzene	20.0	20.4	102	67-132	
1,2,4-Trimethylbenzene	20.0	18.9	95	75-125	
1,2-Dibromo-3-Chloropropane	20.0	13.3	67	58-132	
1,2-Dichlorobenzene	20.0	20.0	100	80-120	
1,2-Dichloroethane	20.0	16.9	85	66-129	
1,2-Dichloropropane	20.0	18.4	92	72-128	
1,3,5-Trimethylbenzene	20.0	18.7	94	75-125	
1,3-Dichlorobenzene	20.0	20.7	104	80-120	
1,4-Dichlorobenzene	20.0	20.8	104	80-120	
2-Butanone (MEK)	100	99.4	99	65-142	
2-Hexanone	100	105	105	72-134	
4-Methyl-2-pentanone (MIBK)	100	109	109	77-130	
Acetone	100	89.3	89	60-133	
Benzene	20.0	18.7	94	71-126	
Bromoform	20.0	16.5	83	58-128	
Bromomethane	20.0	25.6	128	33-150	
Carbon disulfide	20.0	16.2	81	35-150	
Carbon tetrachloride	20.0	20.1	100	65-131	
Chlorobenzene	20.0	21.2	106	80-120	
Chlorobromomethane	20.0	19.2	96	71-134	
Chlorodibromomethane	20.0	17.6	88	73-121	
Chloroethane	20.0	23.7	119	54-150	
Chloroform	20.0	20.2	101	78-125	
Chloromethane	20.0	18.8	94	43-149	
cis-1,2-Dichloroethene	20.0	19.6	98	78-121	
cis-1,3-Dichloropropene	20.0	16.3	82	74-125	
Cyclohexane	20.0	18.6	93	64-142	
Dichlorobromomethane	20.0	17.0	85	76-121	
Dichlorodifluoromethane	20.0	16.1	80	38-144	
Ethylbenzene	20.0	20.8	104	78-120	
Ethylene Dibromide	20.0	16.2	81	79-126	
Isopropylbenzene	20.0	20.1	101	79-125	
Methyl acetate	40.0	27.7	69	50-147	
Methyl tert-butyl ether	20.0	16.6	83	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT83663.D

Lab ID: LCS 460-986925/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	17.9	89	63-138	
Methylene Chloride	20.0	19.1	95	74-127	
m-Xylene & p-Xylene	20.0	20.5	102	78-120	
n-Butylbenzene	20.0	19.6	98	69-135	
N-Propylbenzene	20.0	18.2	91	68-129	
o-Xylene	20.0	20.1	101	78-120	
sec-Butylbenzene	20.0	19.1	96	77-129	
Styrene	20.0	19.3	96	82-127	
tert-Butylbenzene	20.0	18.7	93	78-120	
Tetrachloroethene	20.0	21.5	107	70-127	
Toluene	20.0	19.2	96	78-120	
trans-1,2-Dichloroethene	20.0	19.4	97	70-126	
trans-1,3-Dichloropropene	20.0	15.8	79	71-127	
Trichloroethene	20.0	19.2	96	73-121	
Trichlorofluoromethane	20.0	21.4	107	62-134	
Vinyl chloride	20.0	19.0	95	55-144	
Xylenes, Total	40.0	40.6	101	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT83664.D

Lab ID: LCSD 460-986925/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.1	110	4	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	15.1	76	3	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.1	105	3	30	65-142	
1,1,2-Trichloroethane	20.0	17.9	89	1	30	74-125	
1,1-Dichloroethane	20.0	20.0	100	2	30	73-130	
1,1-Dichloroethene	20.0	20.4	102	6	30	68-133	
1,2,3-Trichlorobenzene	20.0	21.1	105	3	30	55-150	
1,2,4-Trichlorobenzene	20.0	20.5	103	1	30	67-132	
1,2,4-Trimethylbenzene	20.0	19.4	97	3	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	13.4	67	1	30	58-132	
1,2-Dichlorobenzene	20.0	19.9	100	1	30	80-120	
1,2-Dichloroethane	20.0	17.7	88	4	30	66-129	
1,2-Dichloropropane	20.0	19.2	96	4	30	72-128	
1,3,5-Trimethylbenzene	20.0	18.9	94	1	30	75-125	
1,3-Dichlorobenzene	20.0	20.8	104	0	30	80-120	
1,4-Dichlorobenzene	20.0	20.8	104	0	30	80-120	
2-Butanone (MEK)	100	105	105	6	30	65-142	
2-Hexanone	100	105	105	0	30	72-134	
4-Methyl-2-pentanone (MIBK)	100	114	114	4	30	77-130	
Acetone	100	90.3	90	1	30	60-133	
Benzene	20.0	19.4	97	4	30	71-126	
Bromoform	20.0	16.5	83	0	30	58-128	
Bromomethane	20.0	26.9	134	5	30	33-150	
Carbon disulfide	20.0	17.3	86	6	30	35-150	
Carbon tetrachloride	20.0	21.4	107	6	30	65-131	
Chlorobenzene	20.0	21.4	107	1	30	80-120	
Chlorobromomethane	20.0	19.9	99	3	30	71-134	
Chlorodibromomethane	20.0	17.9	90	2	30	73-121	
Chloroethane	20.0	24.3	121	2	30	54-150	
Chloroform	20.0	21.1	105	4	30	78-125	
Chloromethane	20.0	20.1	101	7	30	43-149	
cis-1,2-Dichloroethene	20.0	20.1	100	2	30	78-121	
cis-1,3-Dichloropropene	20.0	16.3	82	0	30	74-125	
Cyclohexane	20.0	19.8	99	6	30	64-142	
Dichlorobromomethane	20.0	17.9	90	5	30	76-121	
Dichlorodifluoromethane	20.0	16.7	83	4	30	38-144	
Ethylbenzene	20.0	21.4	107	3	30	78-120	
Ethylene Dibromide	20.0	17.3	86	7	30	79-126	
Isopropylbenzene	20.0	20.9	104	4	30	79-125	
Methyl acetate	40.0	27.6	69	0	30	50-147	
Methyl tert-butyl ether	20.0	17.0	85	2	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT83664.D

Lab ID: LCSD 460-986925/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	19.1	96	7	30	63-138	
Methylene Chloride	20.0	19.9	100	4	30	74-127	
m-Xylene & p-Xylene	20.0	20.7	104	1	30	78-120	
n-Butylbenzene	20.0	20.1	101	3	30	69-135	
N-Propylbenzene	20.0	19.1	96	5	30	68-129	
o-Xylene	20.0	20.1	101	0	30	78-120	
sec-Butylbenzene	20.0	19.7	99	3	30	77-129	
Styrene	20.0	18.9	94	2	30	82-127	
tert-Butylbenzene	20.0	19.2	96	3	30	78-120	
Tetrachloroethene	20.0	22.3	112	4	30	70-127	
Toluene	20.0	19.5	98	2	30	78-120	
trans-1,2-Dichloroethene	20.0	20.2	101	4	30	70-126	
trans-1,3-Dichloropropene	20.0	15.8	79	0	30	71-127	
Trichloroethene	20.0	19.3	97	1	30	73-121	
Trichlorofluoromethane	20.0	21.8	109	2	30	62-134	
Vinyl chloride	20.0	20.5	102	7	30	55-144	
Xylenes, Total	40.0	40.9	102	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT83674.D

Lab ID: 460-308013-1 MS Client ID: MW-8_20240719 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	23.4	117	72-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	15.9	79	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	23.2	116	65-142	
1,1,2-Trichloroethane	20.0	1.0 U	18.7	94	74-125	
1,1-Dichloroethane	20.0	1.0 U	20.8	104	73-130	
1,1-Dichloroethene	20.0	1.0 U	18.9	94	68-133	
1,2,3-Trichlorobenzene	20.0	1.0 U	19.1	96	55-150	
1,2,4-Trichlorobenzene	20.0	1.0 U	19.9	100	67-132	
1,2,4-Trimethylbenzene	20.0	1.0 U	20.3	102	75-125	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	14.6	73	58-132	
1,2-Dichlorobenzene	20.0	1.0 U	21.2	106	80-120	
1,2-Dichloroethane	20.0	1.0 U	17.8	89	66-129	
1,2-Dichloropropane	20.0	1.0 U	19.3	97	72-128	
1,3,5-Trimethylbenzene	20.0	1.0 U	19.9	100	75-125	
1,3-Dichlorobenzene	20.0	1.0 U	21.8	109	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	21.9	109	80-120	
2-Butanone (MEK)	100	5.0 U	106	106	65-142	
2-Hexanone	100	5.0 U	119	119	72-134	
4-Methyl-2-pentanone (MIBK)	100	5.0 U	123	123	77-130	
Acetone	100	5.0 U	105	105	60-133	
Benzene	20.0	1.0 U	19.0	95	71-126	
Bromoform	20.0	1.0 U	17.7	88	58-128	
Bromomethane	20.0	1.0 U	22.5	112	33-150	
Carbon disulfide	20.0	1.0 U	9.94	50	35-150	
Carbon tetrachloride	20.0	1.0 U	22.3	111	65-131	
Chlorobenzene	20.0	1.0 U	22.4	112	80-120	
Chlorobromomethane	20.0	1.0 U	19.4	97	71-134	
Chlorodibromomethane	20.0	1.0 U	18.2	91	73-121	
Chloroethane	20.0	1.0 U	23.4	117	54-150	
Chloroform	20.0	1.0 U	21.8	109	78-125	
Chloromethane	20.0	1.0 U	16.1	80	43-149	
cis-1,2-Dichloroethene	20.0	1.0 U	20.1	100	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	15.6	78	74-125	
Cyclohexane	20.0	1.0 U	18.1	91	64-142	
Dichlorobromomethane	20.0	1.0 U	18.3	92	76-121	
Dichlorodifluoromethane	20.0	1.0 U	14.7	73	38-144	
Ethylbenzene	20.0	1.0 U	22.2	111	78-120	
Ethylene Dibromide	20.0	1.0 U	17.6	88	79-126	
Isopropylbenzene	20.0	1.0 U	22.6	113	79-125	
Methyl acetate	40.0	5.0 U	26.5	66	50-147	
Methyl tert-butyl ether	20.0	1.0 U	17.3	87	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT83674.D

Lab ID: 460-308013-1 MS Client ID: MW-8_20240719 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	1.0 U	17.9	89	63-138	
Methylene Chloride	20.0	1.0 U	18.8	94	74-127	
m-Xylene & p-Xylene	20.0	1.0 U	21.7	108	78-120	
n-Butylbenzene	20.0	1.0 U	21.0	105	69-135	
N-Propylbenzene	20.0	1.0 U	19.8	99	68-129	
o-Xylene	20.0	1.0 U	20.7	103	78-120	
sec-Butylbenzene	20.0	1.0 U	21.0	105	77-129	
Styrene	20.0	1.0 U	20.0	100	82-127	
tert-Butylbenzene	20.0	1.0 U	20.7	104	78-120	
Tetrachloroethene	20.0	1.8	24.0	111	70-127	
Toluene	20.0	1.0 U	20.1	101	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	18.4	92	70-126	
trans-1,3-Dichloropropene	20.0	1.0 U	15.2	76	71-127	
Trichloroethene	20.0	1.0 U	19.5	98	73-121	
Trichlorofluoromethane	20.0	1.0 U	22.9	114	62-134	
Vinyl chloride	20.0	1.0 U	18.1	90	55-144	
Xylenes, Total	40.0	2.0 U	42.4	106	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT83675.D

Lab ID: 460-308013-1 MSD Client ID: MW-8_20240719 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	23.1	116	1	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	16.4	82	3	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.8	119	3	30	65-142	
1,1,2-Trichloroethane	20.0	19.7	98	5	30	74-125	
1,1-Dichloroethane	20.0	20.6	103	1	30	73-130	
1,1-Dichloroethene	20.0	18.9	95	0	30	68-133	
1,2,3-Trichlorobenzene	20.0	22.1	110	14	30	55-150	
1,2,4-Trichlorobenzene	20.0	21.2	106	6	30	67-132	
1,2,4-Trimethylbenzene	20.0	20.3	101	0	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	14.8	74	1	30	58-132	
1,2-Dichlorobenzene	20.0	21.1	105	1	30	80-120	
1,2-Dichloroethane	20.0	17.9	89	1	30	66-129	
1,2-Dichloropropane	20.0	19.3	96	0	30	72-128	
1,3,5-Trimethylbenzene	20.0	20.2	101	1	30	75-125	
1,3-Dichlorobenzene	20.0	22.3	112	2	30	80-120	
1,4-Dichlorobenzene	20.0	22.1	110	1	30	80-120	
2-Butanone (MEK)	100	109	109	4	30	65-142	
2-Hexanone	100	120	120	1	30	72-134	
4-Methyl-2-pentanone (MIBK)	100	126	126	3	30	77-130	
Acetone	100	93.8	94	12	30	60-133	
Benzene	20.0	19.3	97	2	30	71-126	
Bromoform	20.0	18.2	91	3	30	58-128	
Bromomethane	20.0	23.2	116	3	30	33-150	
Carbon disulfide	20.0	10.1	51	2	30	35-150	
Carbon tetrachloride	20.0	22.7	113	2	30	65-131	
Chlorobenzene	20.0	22.6	113	1	30	80-120	
Chlorobromomethane	20.0	19.2	96	1	30	71-134	
Chlorodibromomethane	20.0	18.8	94	3	30	73-121	
Chloroethane	20.0	22.8	114	3	30	54-150	
Chloroform	20.0	22.2	111	2	30	78-125	
Chloromethane	20.0	17.1	85	6	30	43-149	
cis-1,2-Dichloroethene	20.0	20.0	100	0	30	78-121	
cis-1,3-Dichloropropene	20.0	15.7	78	0	30	74-125	
Cyclohexane	20.0	18.1	90	0	30	64-142	
Dichlorobromomethane	20.0	19.5	98	6	30	76-121	
Dichlorodifluoromethane	20.0	15.5	78	6	30	38-144	
Ethylbenzene	20.0	22.3	112	1	30	78-120	
Ethylene Dibromide	20.0	17.6	88	0	30	79-126	
Isopropylbenzene	20.0	22.8	114	1	30	79-125	
Methyl acetate	40.0	26.5	66	0	30	50-147	
Methyl tert-butyl ether	20.0	17.7	88	2	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT83675.D

Lab ID: 460-308013-1 MSD Client ID: MW-8_20240719 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	18.3	91	2	30	63-138	
Methylene Chloride	20.0	18.9	94	0	30	74-127	
m-Xylene & p-Xylene	20.0	21.9	110	1	30	78-120	
n-Butylbenzene	20.0	21.2	106	1	30	69-135	
N-Propylbenzene	20.0	20.1	100	1	30	68-129	
o-Xylene	20.0	21.3	107	3	30	78-120	
sec-Butylbenzene	20.0	21.1	105	1	30	77-129	
Styrene	20.0	19.9	100	0	30	82-127	
tert-Butylbenzene	20.0	21.0	105	2	30	78-120	
Tetrachloroethene	20.0	23.7	110	1	30	70-127	
Toluene	20.0	20.1	101	0	30	78-120	
trans-1,2-Dichloroethene	20.0	18.1	91	2	30	70-126	
trans-1,3-Dichloropropene	20.0	15.7	79	3	30	71-127	
Trichloroethene	20.0	20.0	100	2	30	73-121	
Trichlorofluoromethane	20.0	23.1	115	1	30	62-134	
Vinyl chloride	20.0	18.7	94	4	30	55-144	
Xylenes, Total	40.0	43.3	108	2	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Lab File ID: TT83667.D Lab Sample ID: MB 460-986925/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS17 Date Analyzed: 07/24/2024 20:27

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-986925/5	TT83663.D	07/24/2024 19:09
	LCSD 460-986925/6	TT83664.D	07/24/2024 19:29
FB-01_20240719	460-308013-5	TT83668.D	07/24/2024 20:47
TB-01_20240719	460-308013-6	TT83669.D	07/24/2024 21:06
MW-8_20240719	460-308013-1	TT83670.D	07/24/2024 21:26
MW-7_20240719	460-308013-2	TT83671.D	07/24/2024 21:46
MW-6_20240719	460-308013-3	TT83672.D	07/24/2024 22:05
DUP-01_20240719	460-308013-4	TT83673.D	07/24/2024 22:25
MW-8_20240719 MS	460-308013-1 MS	TT83674.D	07/24/2024 22:44
MW-8_20240719 MSD	460-308013-1 MSD	TT83675.D	07/24/2024 23:04

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Lab File ID: TT80097.D BFB Injection Date: 05/09/2024

Instrument ID: CVOAMS17 BFB Injection Time: 07:47

Analysis Batch No.: 973787

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	118.0
96	5 - 9% of m/z 95	6.8
173	Less than 2% of m/z 174	1.0
174	50 - 200% of m/z 95	84.7
175	5 - 9% of m/z 174	8.6
176	95 -105% of m/z 174	97.6
177	5 - 10% of m/z 176	6.4

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-973787/3	TT80099.D	05/09/2024	8:29
	STD05 460-973787/4	TT80100.D	05/09/2024	8:49
	STD1 460-973787/5	TT80101.D	05/09/2024	9:08
	STD5 460-973787/6	TT80102.D	05/09/2024	9:28
	STD20 460-973787/7	TT80103.D	05/09/2024	9:47
	STD50 460-973787/8	TT80104.D	05/09/2024	10:07
	STD200 460-973787/9	TT80105.D	05/09/2024	10:26
	STD500 460-973787/10	TT80106.D	05/09/2024	10:46
	ICV 460-973787/16	TT80112.D	05/09/2024	13:03

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Sample No.: STD20 460-973787/7 Date Analyzed: 05/09/2024 09:47

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT80103.D Heated Purge: (Y/N) N

Calibration ID: 97130

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		28257	2.95	180074	3.98	592819	5.06
UPPER LIMIT		56514	3.45	360148	4.48	1185638	5.56
LOWER LIMIT		14129	2.45	90037	3.48	296410	4.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-973787/16		27950	2.95	165766	3.98	587812	5.05

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Sample No.: STD20 460-973787/7 Date Analyzed: 05/09/2024 09:47

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT80103.D Heated Purge: (Y/N) N

Calibration ID: 97130

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		16405	5.73	414333	8.46	211089	11.07
UPPER LIMIT		32810	6.23	828666	8.96	422178	11.57
LOWER LIMIT		8203	5.23	207167	7.96	105545	10.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-973787/16		17586	5.73	420753	8.46	218965	11.07

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Sample No.: CCVIS 460-986925/3 Date Analyzed: 07/24/2024 18:30

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT83661.D Heated Purge: (Y/N) N

Calibration ID: 97130

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		27696	2.95	160152	3.97	858736	5.05
UPPER LIMIT		55392	3.45	320304	4.47	1717472	5.55
LOWER LIMIT		13848	2.45	80076	3.47	429368	4.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-986925/5		25918	2.95	156223	3.97	839539	5.05
LCSD 460-986925/6		26005	2.95	156711	3.97	828750	5.04
MB 460-986925/9		25815	2.96	155060	3.97	824209	5.05
460-308013-5	FB-01_20240719	27441	2.95	155165	3.97	822348	5.05
460-308013-6	TB-01_20240719	26062	2.95	150584	3.97	806906	5.04
460-308013-1	MW-8_20240719	26892	2.95	149508	3.97	781973	5.05
460-308013-2	MW-7_20240719	26272	2.94	157151	3.97	818065	5.05
460-308013-3	MW-6_20240719	25826	2.95	148800	3.98	803515	5.05
460-308013-4	DUP-01_20240719	25104	2.95	152537	3.98	799925	5.05
460-308013-1 MS	MW-8_20240719 MS	26446	2.95	148429	3.97	785312	5.04
460-308013-1 MSD	MW-8_20240719 MSD	29358	2.93	159031	3.97	828853	5.04

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Sample No.: CCVIS 460-986925/3 Date Analyzed: 07/24/2024 18:30

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT83661.D Heated Purge: (Y/N) N

Calibration ID: 97130

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		23517	5.73	631987	8.45	365342	11.06
UPPER LIMIT		47034	6.23	1263974	8.95	730684	11.56
LOWER LIMIT		11759	5.23	315994	7.95	182671	10.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-986925/5		21062	5.73	619211	8.45	352622	11.06
LCSD 460-986925/6		21209	5.73	620630	8.45	352919	11.06
MB 460-986925/9		21701	5.73	596627	8.45	342150	11.06
460-308013-5	FB-01_20240719	19841	5.73	597995	8.45	334345	11.06
460-308013-6	TB-01_20240719	20802	5.74	591331	8.45	337000	11.06
460-308013-1	MW-8_20240719	18308	5.73	565737	8.45	328280	11.06
460-308013-2	MW-7_20240719	18622	5.73	592392	8.45	334265	11.07
460-308013-3	MW-6_20240719	18664	5.73	591038	8.45	326756	11.06
460-308013-4	DUP-01_20240719	19095	5.73	585417	8.45	329989	11.06
460-308013-1 MS	MW-8_20240719 MS	20771	5.73	572752	8.45	335507	11.06
460-308013-1 MSD	MW-8_20240719 MSD	20910	5.73	608259	8.45	353316	11.06

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-8_20240719 | Lab Sample ID: 460-308013-1

Matrix: Water | Lab File ID: TT83670.D

Analysis Method: 8260D | Date Collected: 07/19/2024 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 21:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-8_20240719 | Lab Sample ID: 460-308013-1

Matrix: Water | Lab File ID: TT83670.D

Analysis Method: 8260D | Date Collected: 07/19/2024 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 21:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.8		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-8_20240719 | Lab Sample ID: 460-308013-1

Matrix: Water | Lab File ID: TT83670.D

Analysis Method: 8260D | Date Collected: 07/19/2024 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 21:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83670.D
Lims ID: 460-308013-B-1
Client ID: MW-8_20240719
Sample Type: Client
Inject. Date: 24-Jul-2024 21:26:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-1
Misc. Info.: 460-0178783-012
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 11:27:49 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: C1JX Date: 24-Jul-2024 22:13:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	65	1.366	1.372	-0.006	93	3186	1.21	
* 31 TBA-d9 (IS)	66	2.951	2.945	0.006	0	26892	1000.0	
* 42 2-Butanone-d5	46	3.969	3.969	0.000	0	149508	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.432	4.439	-0.007	98	197169	51.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.774	4.780	-0.006	0	156481	42.8	
* 66 Fluorobenzene	96	5.048	5.048	0.000	99	781973	50.0	
* 72 1,4-Dioxane-d8	96	5.731	5.725	0.006	0	18308	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.688	6.688	0.000	99	748202	49.5	
88 Tetrachloroethene	166	7.365	7.365	0.000	95	8060	1.77	
* 94 Chlorobenzene-d5	117	8.450	8.450	0.000	85	565737	50.0	
$ 105 4-Bromofluorobenzene	174	9.913	9.913	0.000	97	240293	51.5	
* 121 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	94	328280	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00075 Amount Added: 5.00 Units: uL Run Reagent

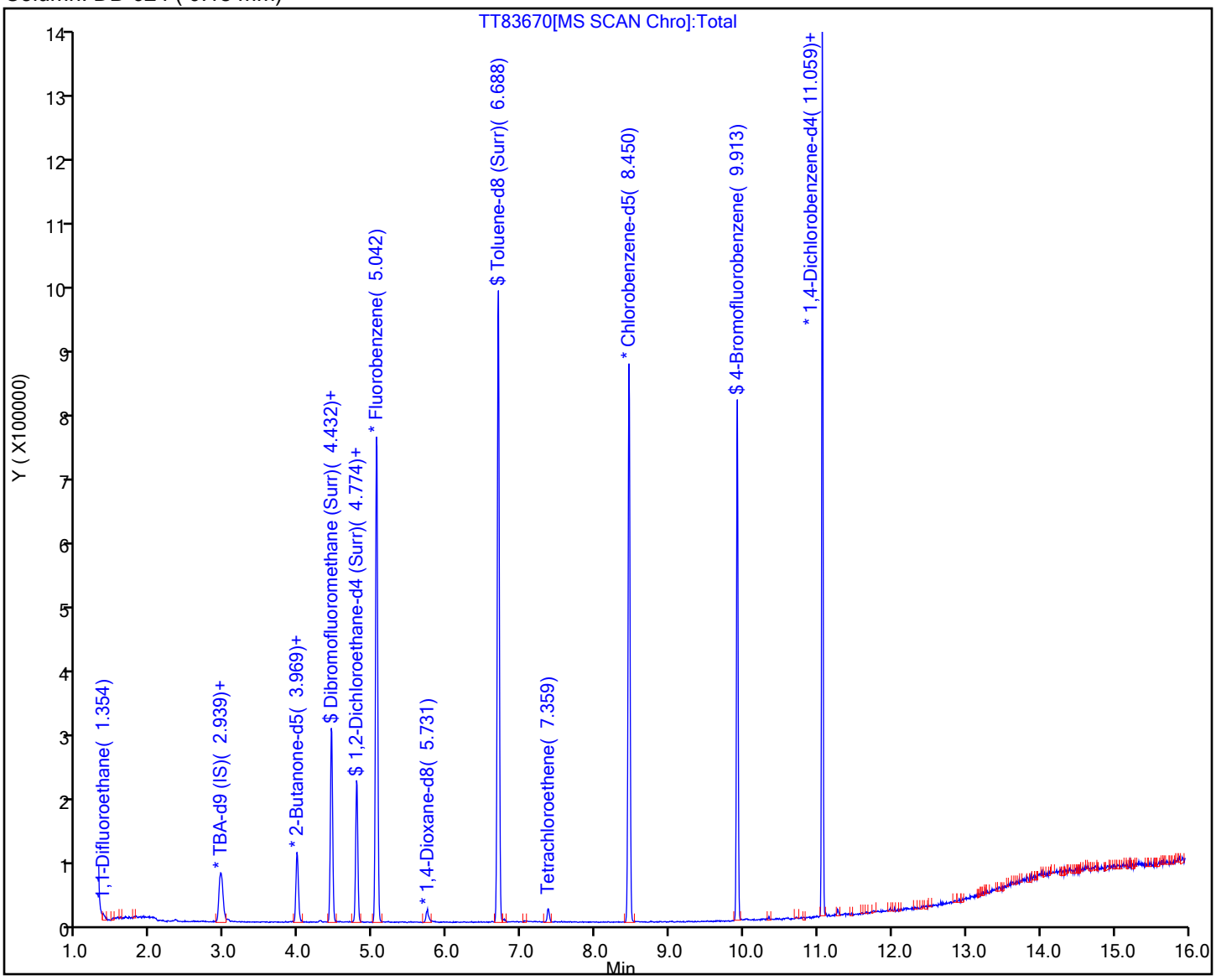
Report Date: 25-Jul-2024 11:36:57 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83670.D

Injection Date:	24-Jul-2024 21:26:30	Instrument ID:	CVOAMS17
Lims ID:	460-308013-B-1	Lab Sample ID:	460-308013-1
Client ID:	MW-8_20240719		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

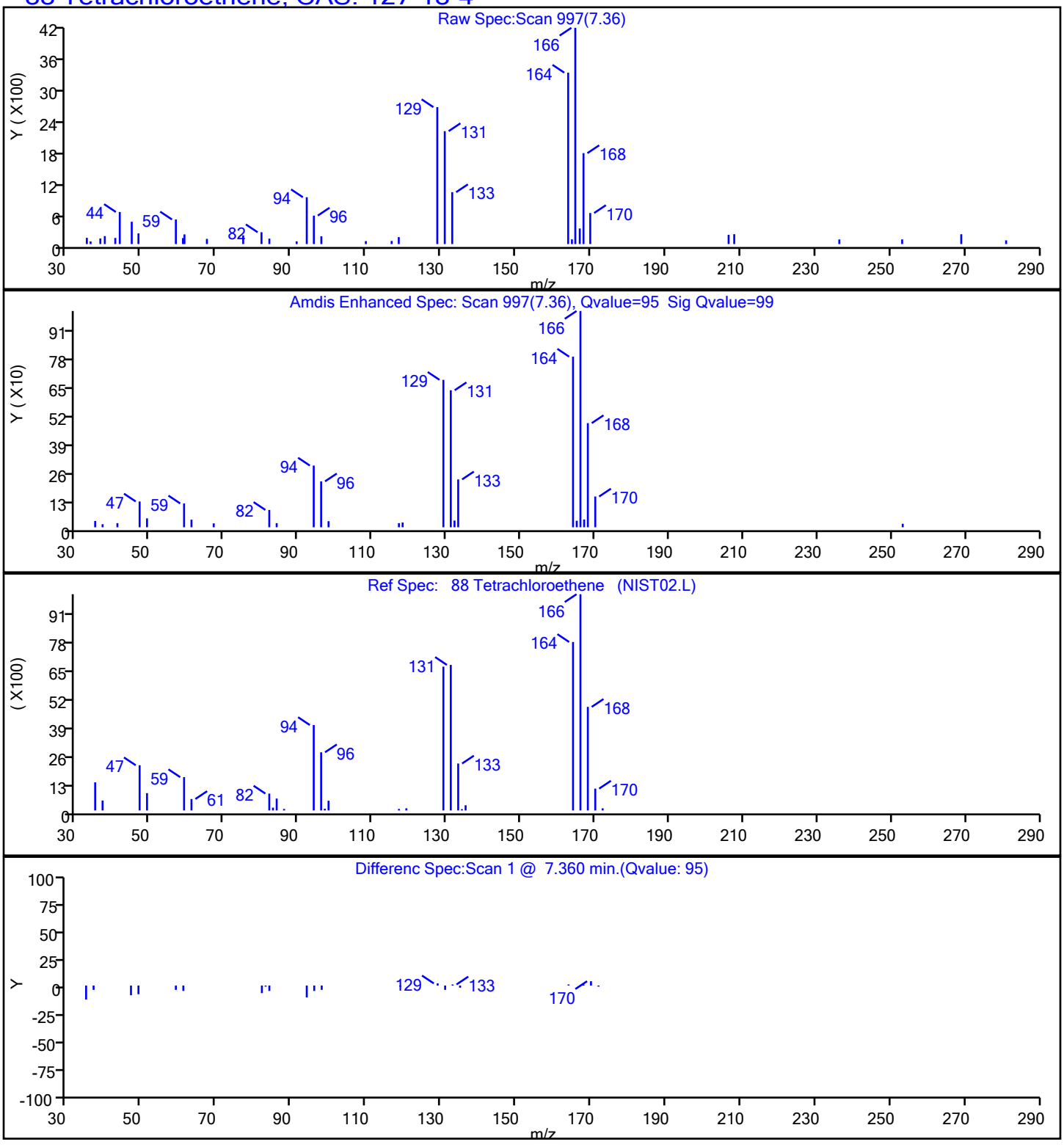
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83670.D				
Lims ID:	460-308013-B-1				
Client ID:	MW-8_20240719				
Sample Type:	Client				
Inject. Date:	24-Jul-2024 21:26:30	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-308013-B-1				
Misc. Info.:	460-0178783-012				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	25-Jul-2024 11:27:49	Calib Date:	09-May-2024 10:46:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1689				
First Level Reviewer: C1JX		Date:	24-Jul-2024 22:13:09		

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.8	103.60
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.8	85.55
$ 83 Toluene-d8 (Surr)	50.0	49.5	99.09
$ 105 4-Bromofluorobenzene	50.0	51.5	103.09

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83670.D				
Injection Date:	24-Jul-2024 21:26:30	Instrument ID:	CVOAMS17		
Lims ID:	460-308013-B-1	Lab Sample ID:	460-308013-1		
Client ID:	MW-8_20240719				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-7_20240719 | Lab Sample ID: 460-308013-2

Matrix: Water | Lab File ID: TT83671.D

Analysis Method: 8260D | Date Collected: 07/19/2024 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 21:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.75	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-7_20240719 | Lab Sample ID: 460-308013-2

Matrix: Water | Lab File ID: TT83671.D

Analysis Method: 8260D | Date Collected: 07/19/2024 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 21:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	46		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.39	J	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-7_20240719 | Lab Sample ID: 460-308013-2

Matrix: Water | Lab File ID: TT83671.D

Analysis Method: 8260D | Date Collected: 07/19/2024 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 21:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83671.D
Lims ID: 460-308013-B-2
Client ID: MW-7_20240719
Sample Type: Client
Inject. Date: 24-Jul-2024 21:46:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-2
Misc. Info.: 460-0178783-013
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 11:27:49 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: C1JX Date: 24-Jul-2024 22:12:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.939	2.945	-0.006	0	26272	1000.0	
* 42 2-Butanone-d5	46	3.969	3.969	0.000	0	157151	250.0	
52 Chloroform	83	4.286	4.286	0.000	99	5869	0.7465	
$ 55 Dibromofluoromethane (Surr)	113	4.439	4.439	0.000	98	198232	49.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.780	4.780	0.000	0	161760	42.3	
* 66 Fluorobenzene	96	5.048	5.048	0.000	99	818065	50.0	
68 Trichloroethene	95	5.390	5.390	0.000	88	1866	0.3947	
* 72 1,4-Dioxane-d8	96	5.725	5.725	0.000	0	18622	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.688	6.688	0.000	99	772901	48.9	
88 Tetrachloroethene	166	7.365	7.365	0.000	97	221578	46.4	
* 94 Chlorobenzene-d5	117	8.450	8.450	0.000	84	592392	50.0	
$ 105 4-Bromofluorobenzene	174	9.913	9.913	0.000	97	255104	52.3	
* 121 1,4-Dichlorobenzene-d4	152	11.065	11.059	0.006	93	334265	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00075 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 25-Jul-2024 11:37:57 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83671.D

Injection Date: 24-Jul-2024 21:46:30 Instrument ID: CVOAMS17

Lims ID: 460-308013-B-2 Lab Sample ID: 460-308013-2

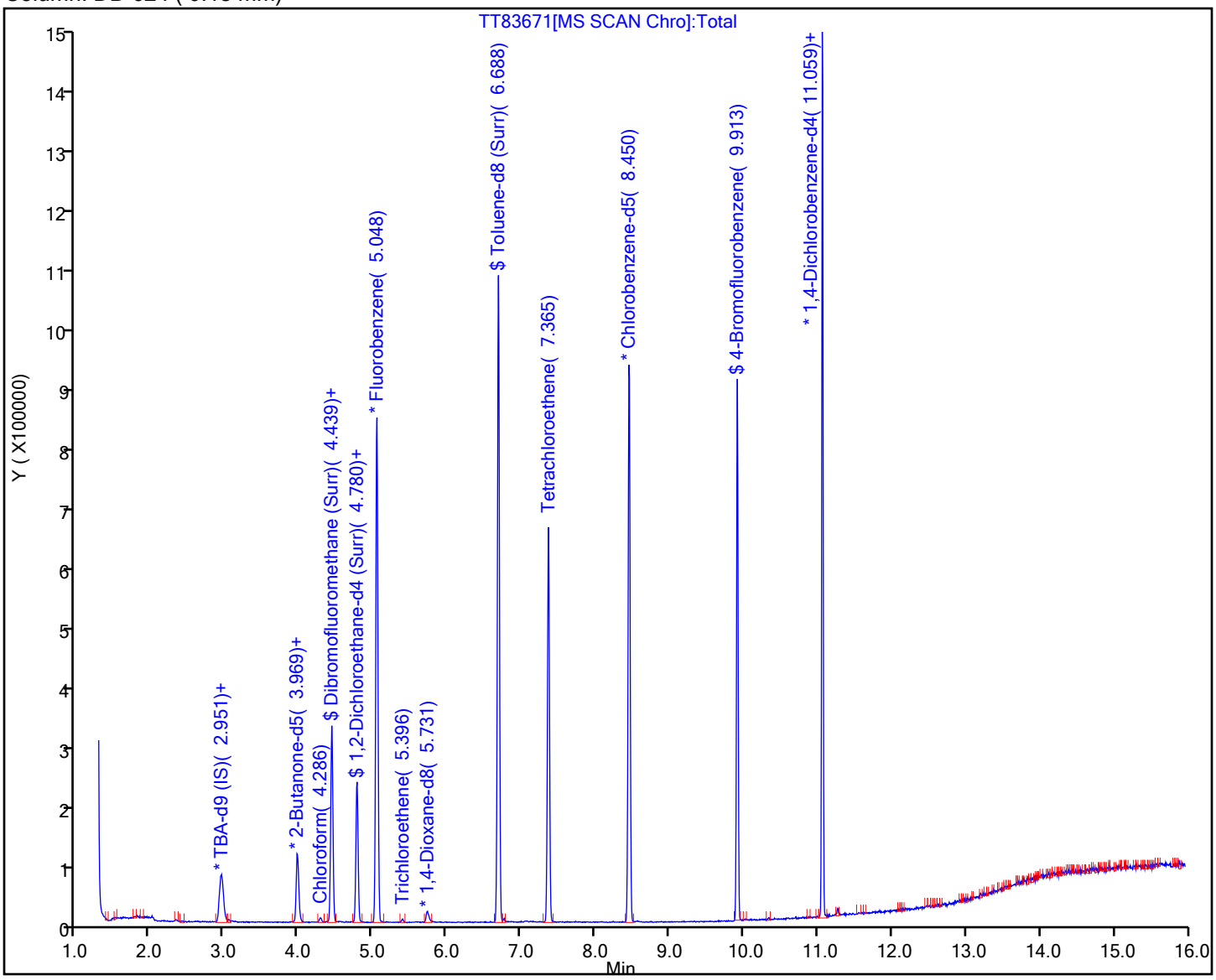
Client ID: MW-7_20240719

Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83671.D
Lims ID: 460-308013-B-2
Client ID: MW-7_20240719
Sample Type: Client
Inject. Date: 24-Jul-2024 21:46:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-2
Misc. Info.: 460-0178783-013
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 11:27:49 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: C1JX Date: 24-Jul-2024 22:12:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.8	99.56
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.3	84.53
$ 83 Toluene-d8 (Surr)	50.0	48.9	97.76
$ 105 4-Bromofluorobenzene	50.0	52.3	104.52

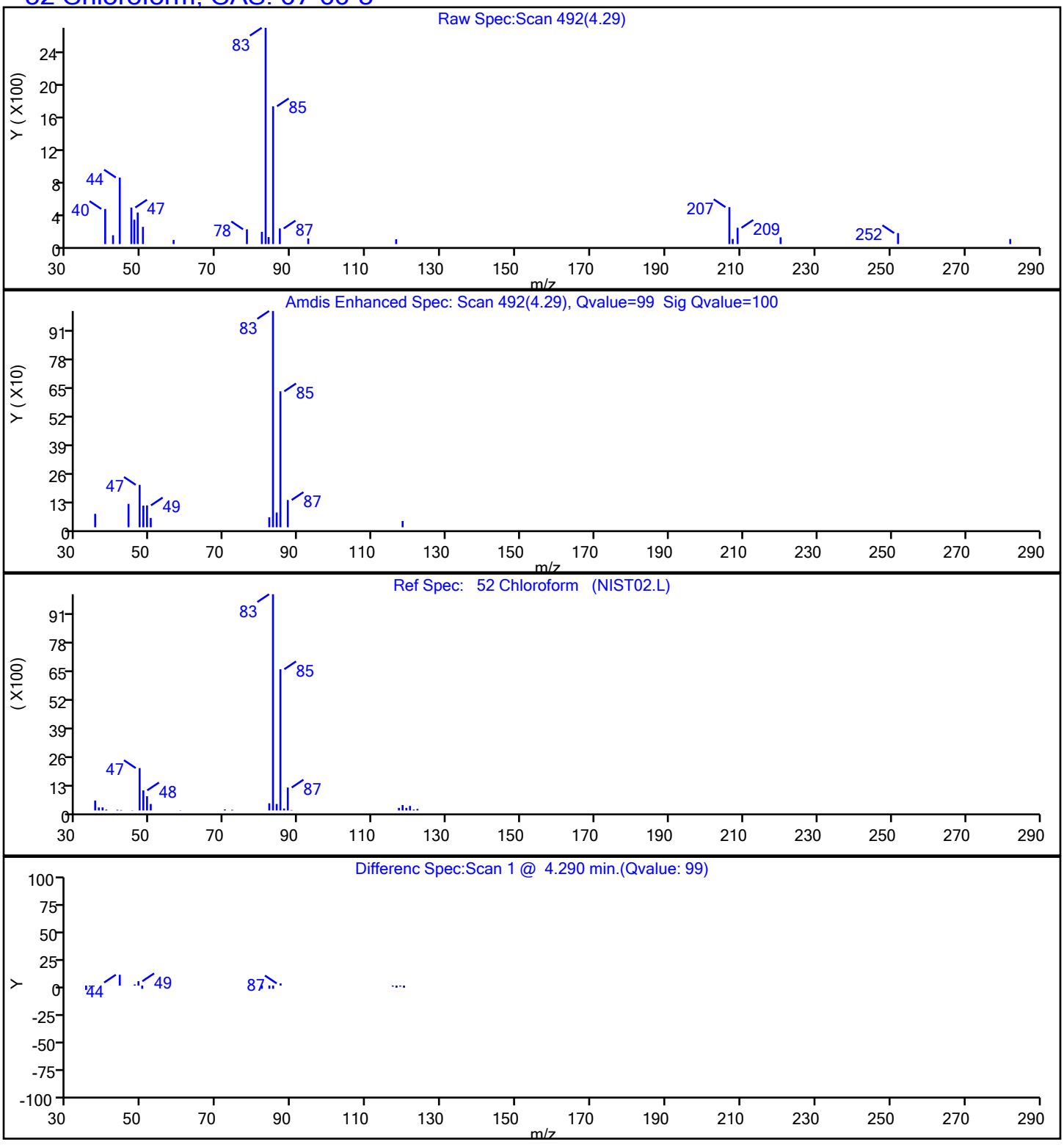
Report Date: 25-Jul-2024 11:37:57 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83671.D

Injection Date:	24-Jul-2024 21:46:30	Instrument ID:	CVOAMS17
Lims ID:	460-308013-B-2	Lab Sample ID:	460-308013-2
Client ID:	MW-7_20240719		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

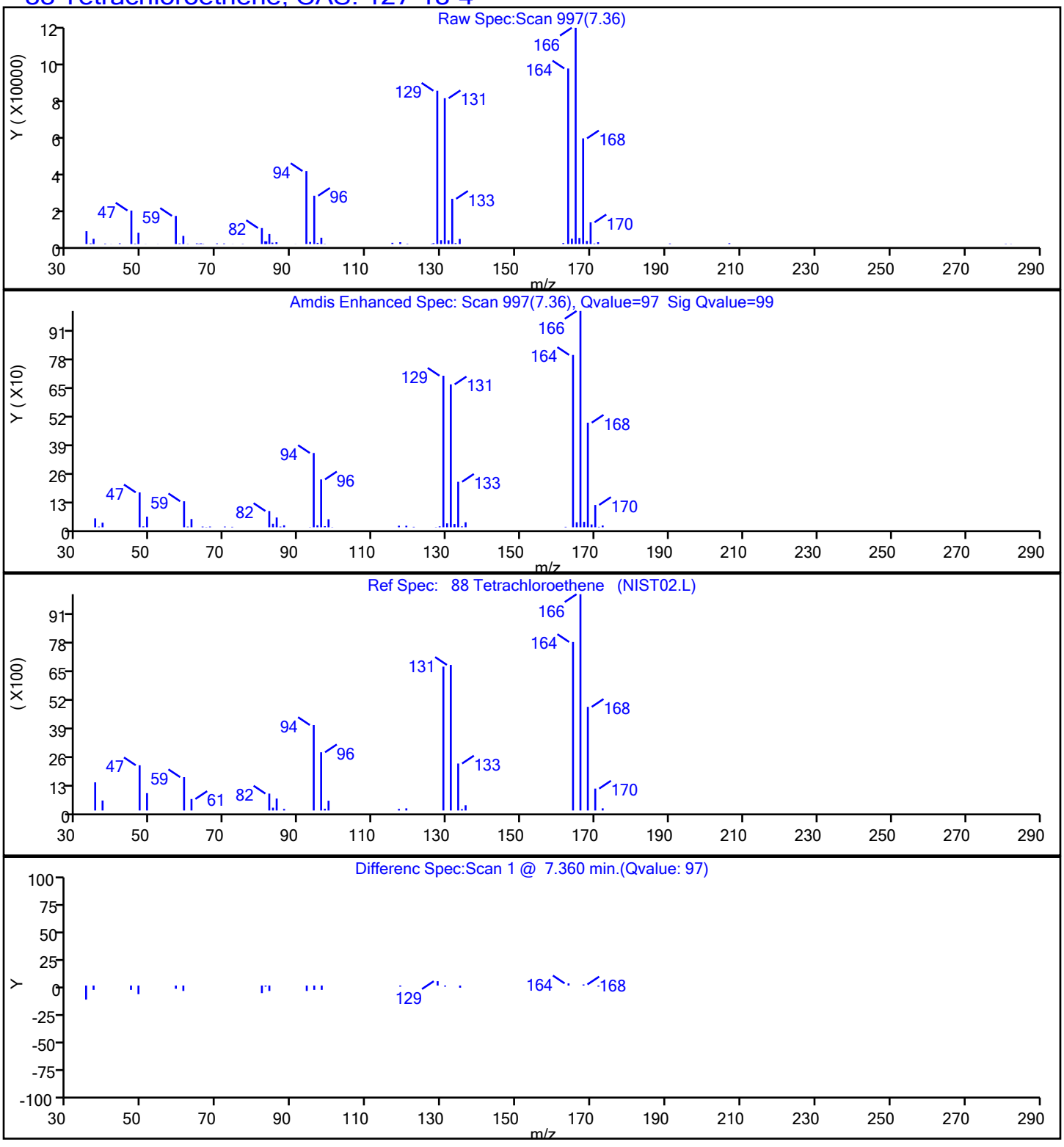
52 Chloroform, CAS: 67-66-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83671.D
Injection Date: 24-Jul-2024 21:46:30 Instrument ID: CVOAMS17
Lims ID: 460-308013-B-2 Lab Sample ID: 460-308013-2
Client ID: MW-7_20240719
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

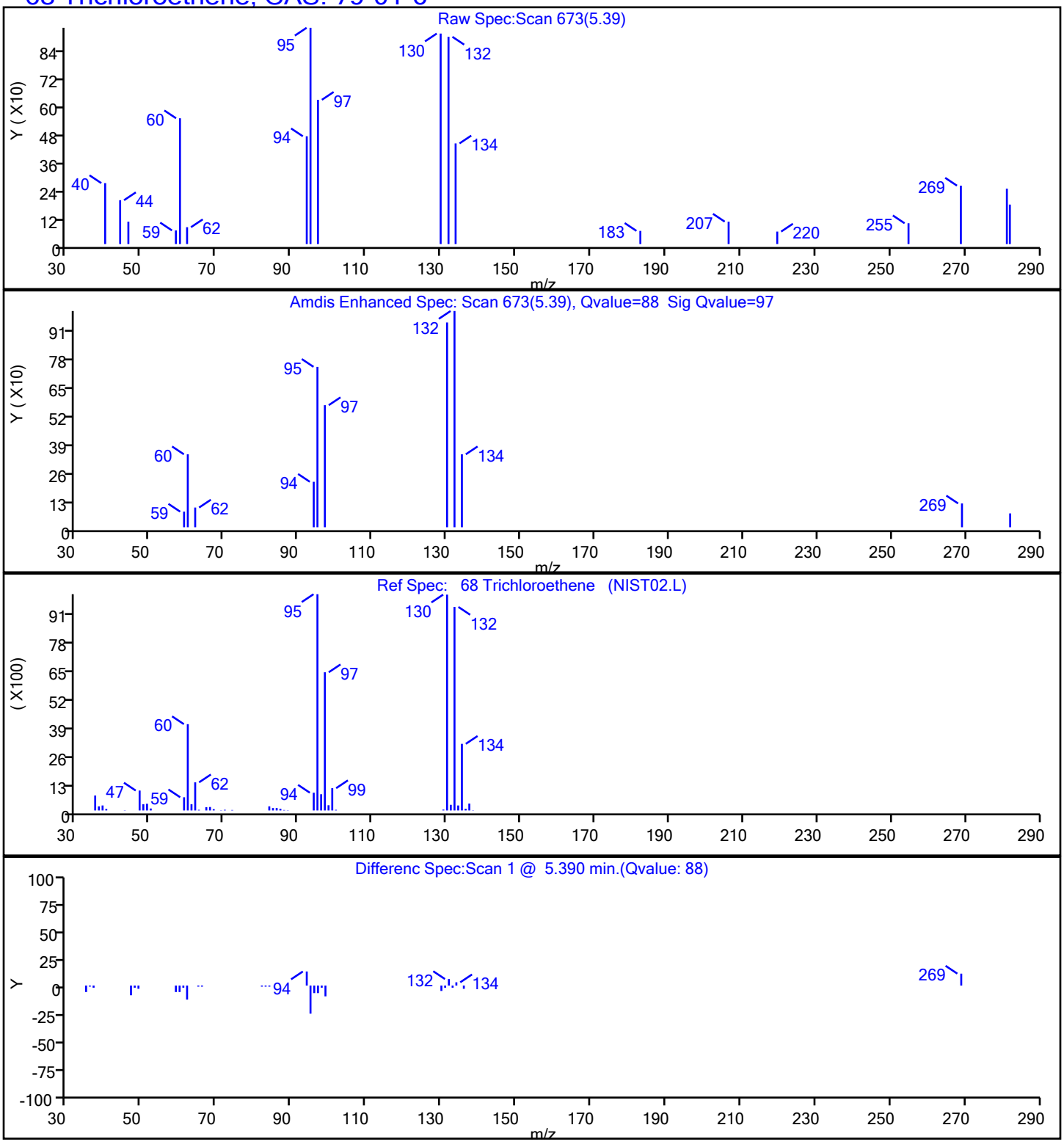
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83671.D				
Injection Date:	24-Jul-2024 21:46:30	Instrument ID:	CVOAMS17		
Lims ID:	460-308013-B-2	Lab Sample ID:	460-308013-2		
Client ID:	MW-7_20240719				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6



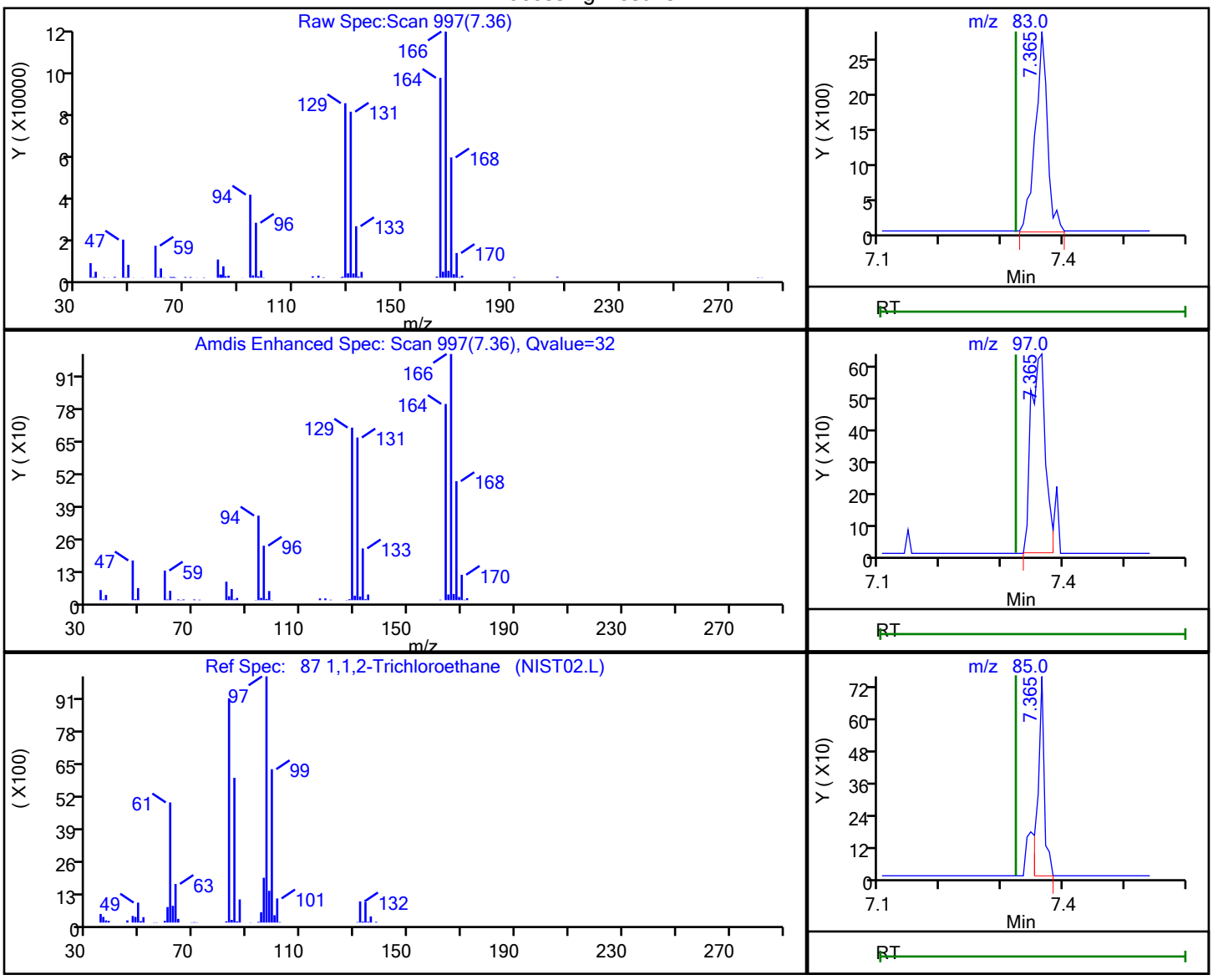
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83671.D				
Injection Date:	24-Jul-2024 21:46:30	Instrument ID:	CVOAMS17		
Lims ID:	460-308013-B-2	Lab Sample ID:	460-308013-2		
Client ID:	MW-7_20240719				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.36	83.00	3954	1.544549
7.36	97.00	1049	
7.36	85.00	518	

Reviewer: C1JX, 24-Jul-2024 22:12:37 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-6_20240719 | Lab Sample ID: 460-308013-3

Matrix: Water | Lab File ID: TT83672.D

Analysis Method: 8260D | Date Collected: 07/19/2024 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 22:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.79	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.27	J	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-6_20240719 | Lab Sample ID: 460-308013-3

Matrix: Water | Lab File ID: TT83672.D

Analysis Method: 8260D | Date Collected: 07/19/2024 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 22:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	77		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.64	J	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-6_20240719 | Lab Sample ID: 460-308013-3

Matrix: Water | Lab File ID: TT83672.D

Analysis Method: 8260D | Date Collected: 07/19/2024 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 22:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83672.D
Lims ID: 460-308013-B-3
Client ID: MW-6_20240719
Sample Type: Client
Inject. Date: 24-Jul-2024 22:05:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-3
Misc. Info.: 460-0178783-014
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 11:38:52 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: C1JX Date: 24-Jul-2024 22:43:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.951	2.945	0.006	0	25826	1000.0	
* 42 2-Butanone-d5	46	3.975	3.969	0.006	0	148800	250.0	
44 cis-1,2-Dichloroethene	96	4.012	4.012	0.000	5	1432	0.2716	M
52 Chloroform	83	4.286	4.286	0.000	98	6080	0.7873	
54 1,1,1-Trichloroethane	97	4.420	4.426	-0.006	35	1067	0.1611	M
$ 55 Dibromofluoromethane (Surr)	113	4.439	4.439	0.000	99	195467	50.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.780	4.780	0.000	0	161345	42.9	
* 66 Fluorobenzene	96	5.048	5.048	0.000	99	803515	50.0	
68 Trichloroethene	95	5.390	5.390	0.000	92	2962	0.6379	M
* 72 1,4-Dioxane-d8	96	5.731	5.725	0.006	0	18664	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.688	6.688	0.000	100	759113	48.1	
88 Tetrachloroethene	166	7.365	7.365	0.000	97	367845	77.2	
* 94 Chlorobenzene-d5	117	8.450	8.450	0.000	84	591038	50.0	
$ 105 4-Bromofluorobenzene	174	9.913	9.913	0.000	98	251558	51.7	
* 121 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	94	326756	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00075 Amount Added: 5.00 Units: uL Run Reagent

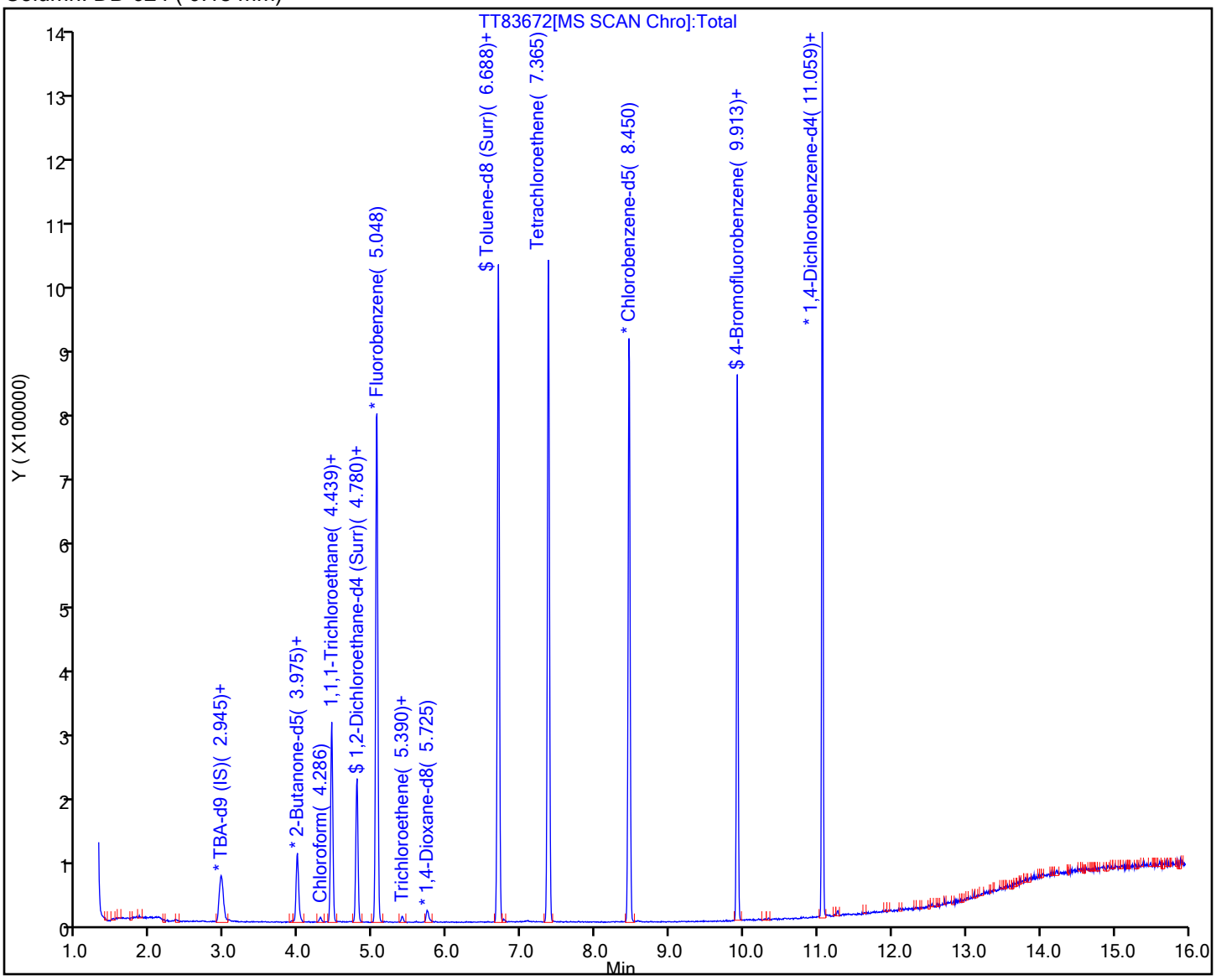
Report Date: 25-Jul-2024 11:38:52 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83672.D

Injection Date:	24-Jul-2024 22:05:30	Instrument ID:	CVOAMS17
Lims ID:	460-308013-B-3	Lab Sample ID:	460-308013-3
Client ID:	MW-6_20240719		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83672.D
Lims ID: 460-308013-B-3
Client ID: MW-6_20240719
Sample Type: Client
Inject. Date: 24-Jul-2024 22:05:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-3
Misc. Info.: 460-0178783-014
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 11:38:52 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1689

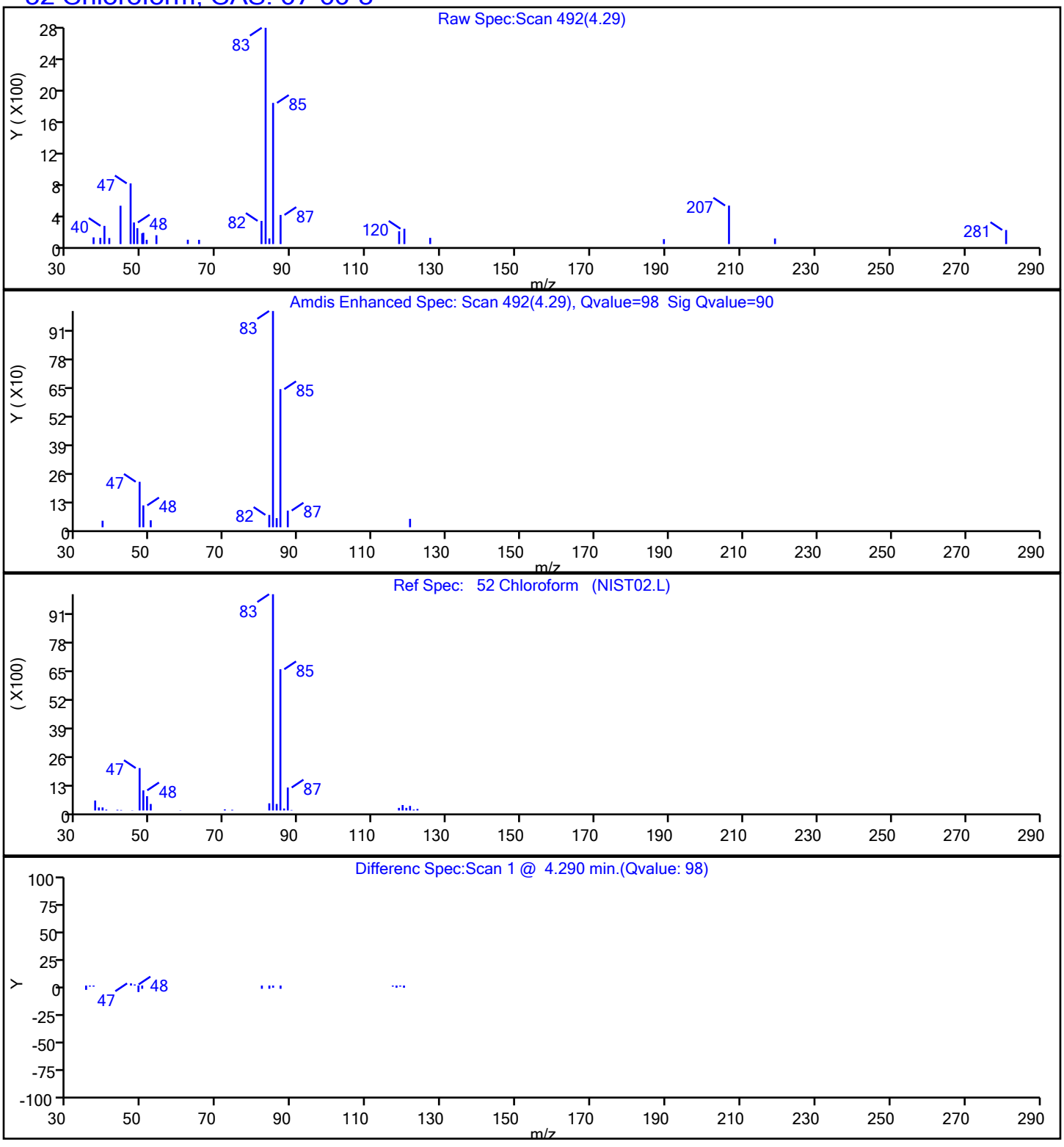
First Level Reviewer: C1JX Date: 24-Jul-2024 22:43:24

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.0	99.95
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.9	85.84
$ 83 Toluene-d8 (Surr)	50.0	48.1	96.23
$ 105 4-Bromofluorobenzene	50.0	51.7	103.30

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83672.D		
Injection Date:	24-Jul-2024 22:05:30	Instrument ID:	CVOAMS17
Lims ID:	460-308013-B-3	Lab Sample ID:	460-308013-3
Client ID:	MW-6_20240719		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

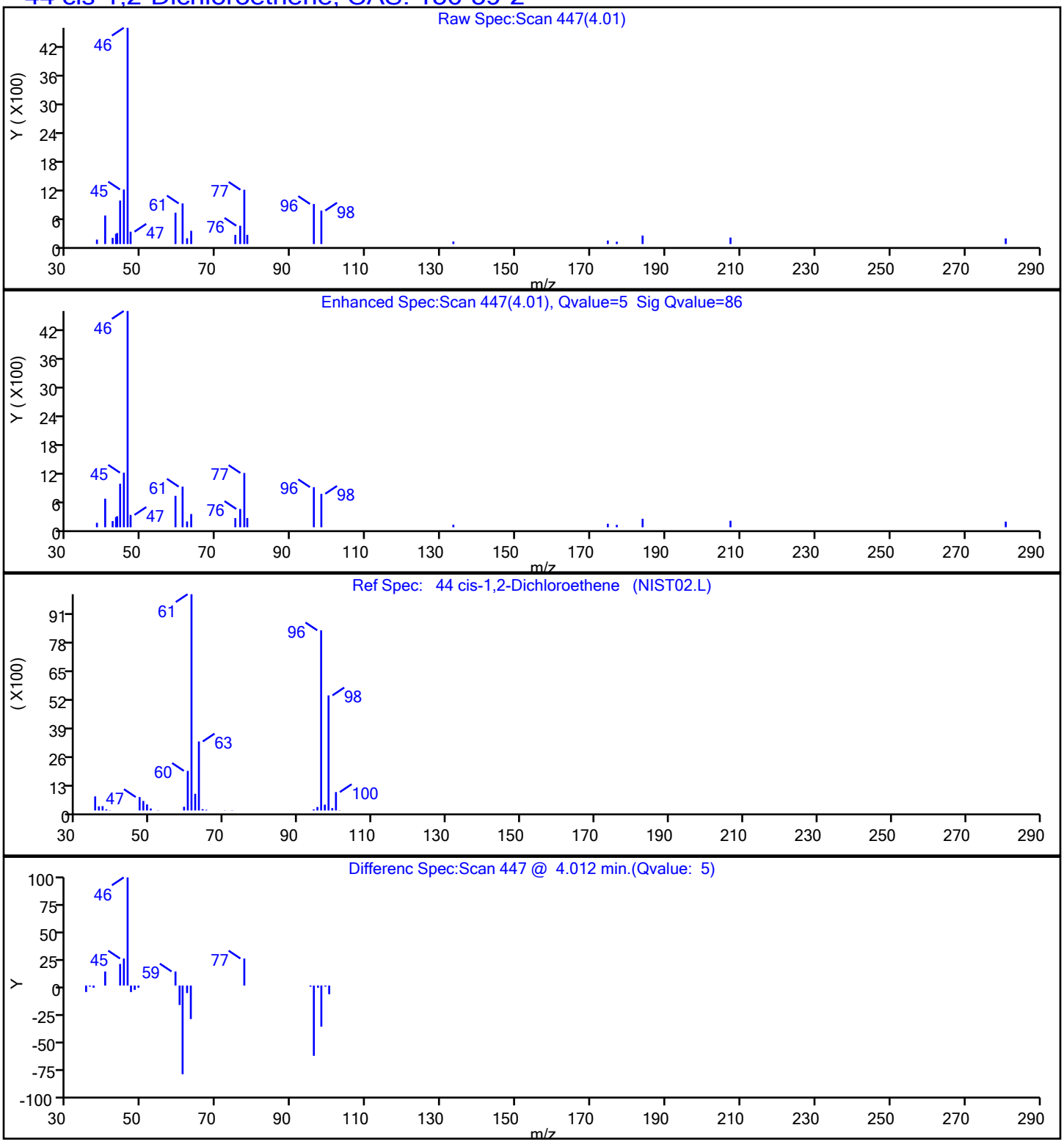
52 Chloroform, CAS: 67-66-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83672.D				
Injection Date:	24-Jul-2024 22:05:30	Instrument ID:	CVOAMS17		
Lims ID:	460-308013-B-3	Lab Sample ID:	460-308013-3		
Client ID:	MW-6_20240719				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

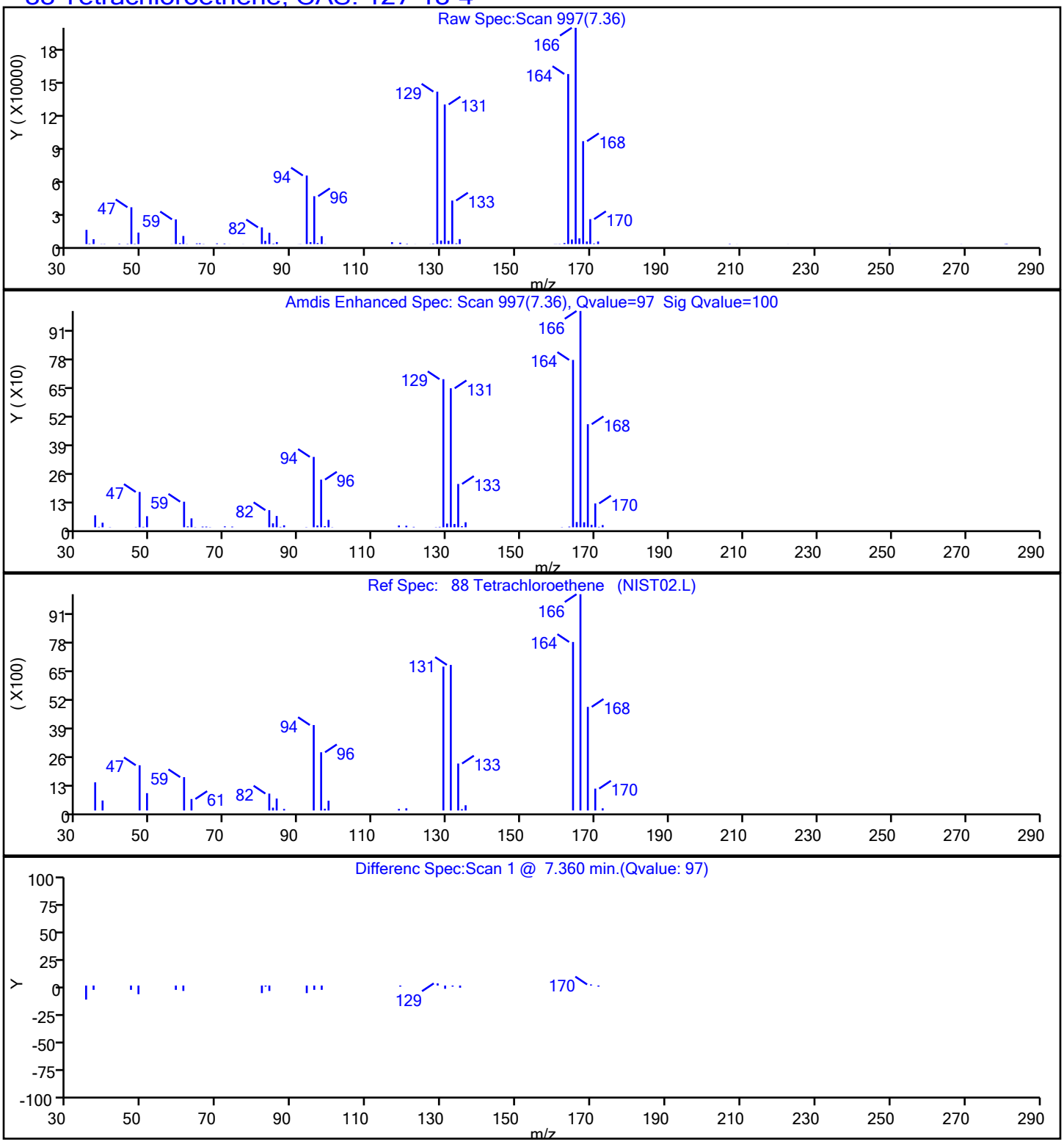
44 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83672.D		
Injection Date:	24-Jul-2024 22:05:30	Instrument ID:	CVOAMS17
Lims ID:	460-308013-B-3	Lab Sample ID:	460-308013-3
Client ID:	MW-6_20240719		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



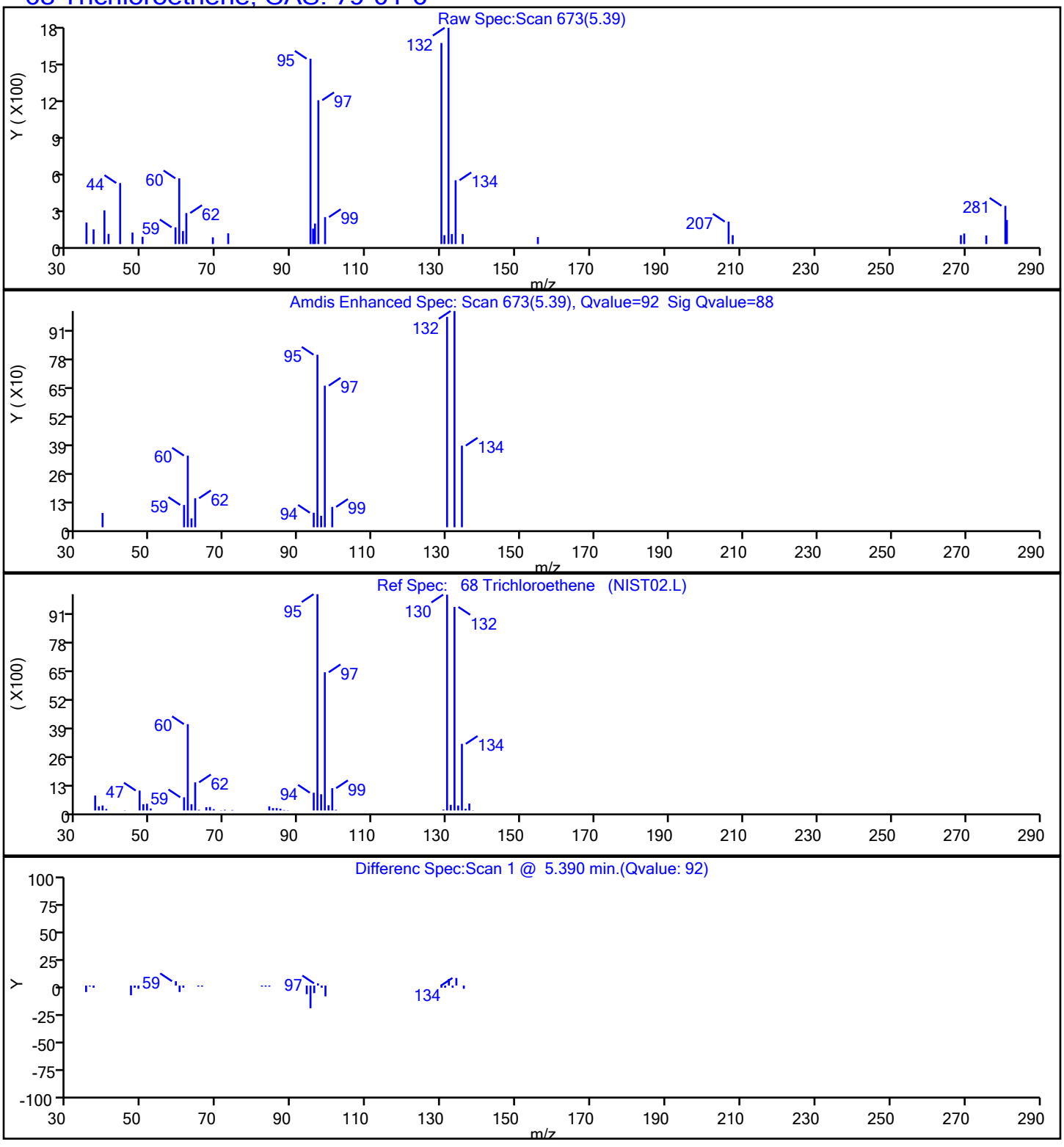
Report Date: 25-Jul-2024 11:38:53 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83672.D

Injection Date:	24-Jul-2024 22:05:30	Instrument ID:	CVOAMS17
Lims ID:	460-308013-B-3	Lab Sample ID:	460-308013-3
Client ID:	MW-6_20240719		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

68 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83672.D

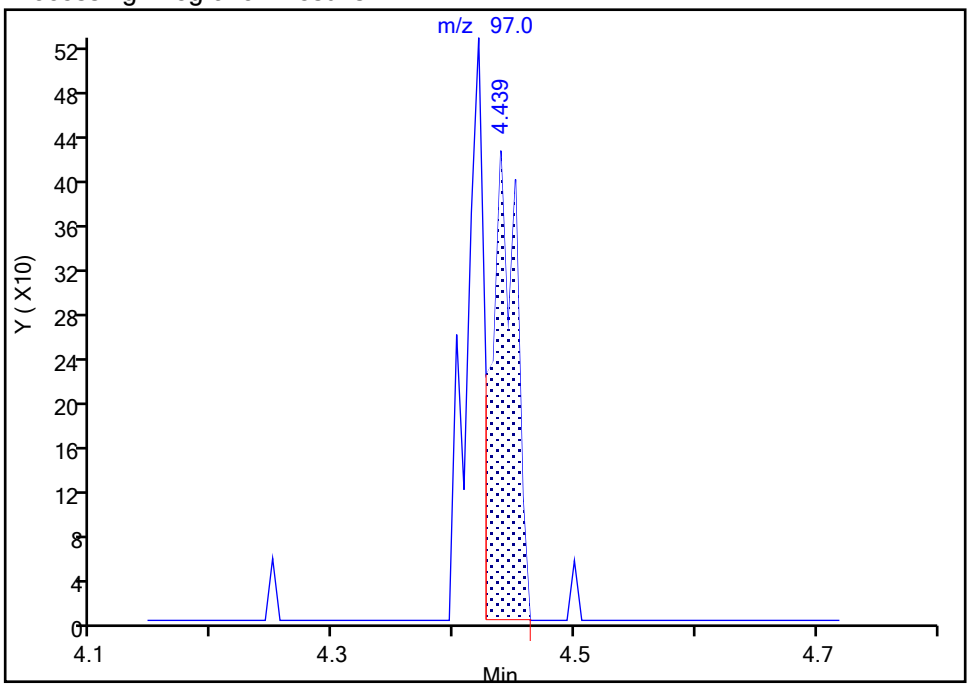
Injection Date:	24-Jul-2024 22:05:30	Instrument ID:	CVOAMS17
Lims ID:	460-308013-B-3	Lab Sample ID:	460-308013-3
Client ID:	MW-6_20240719		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

54 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

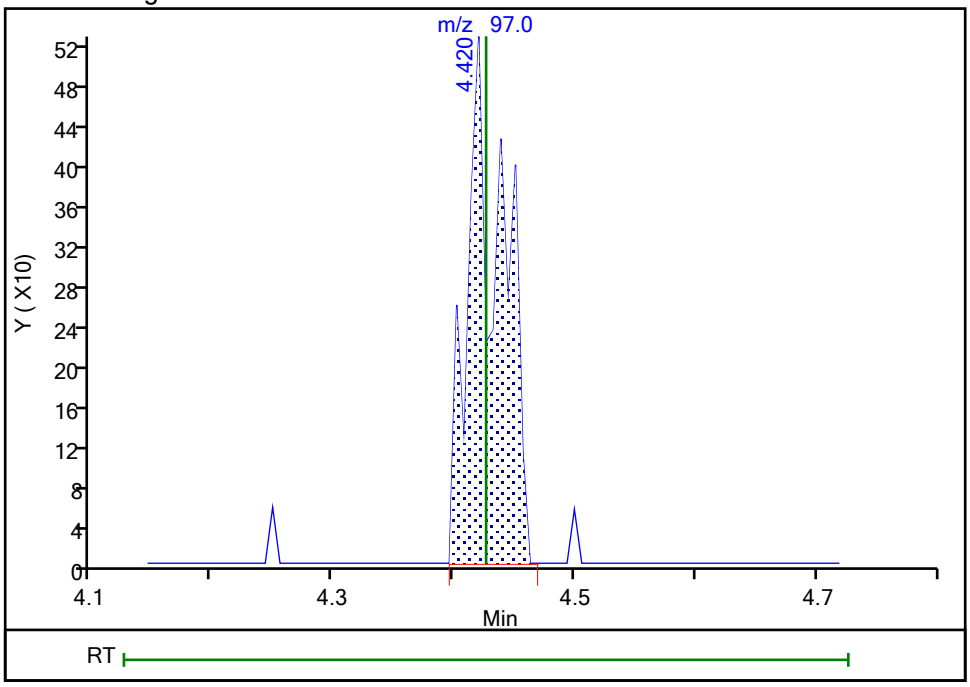
Processing Integration Results

RT: 4.44
Area: 603
Amount: 0.091024
Amount Units: ug/l



Manual Integration Results

RT: 4.42
Area: 1067
Amount: 0.161065
Amount Units: ug/l



Reviewer: XE5L, 25-Jul-2024 11:38:34 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

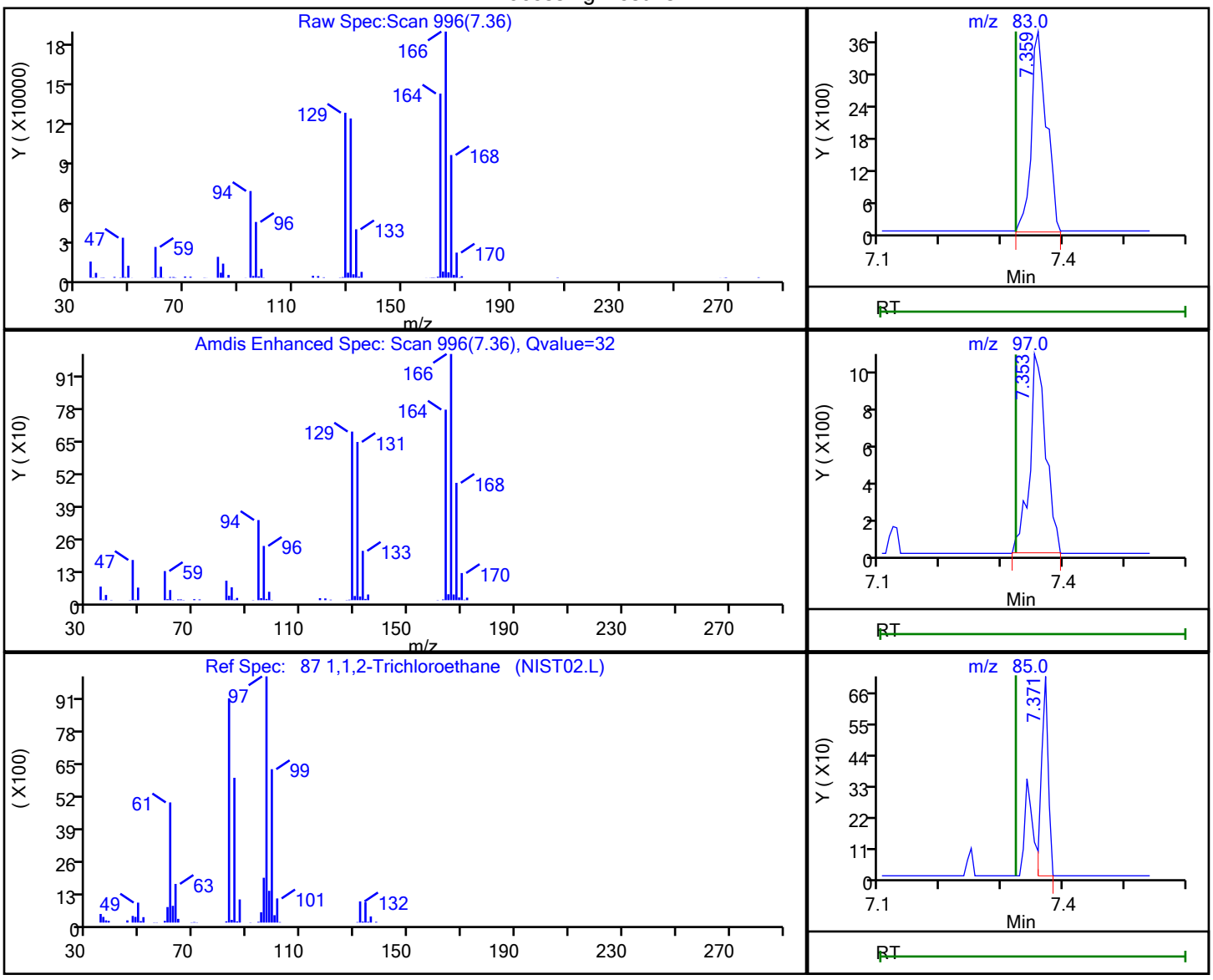
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83672.D				
Injection Date:	24-Jul-2024 22:05:30	Instrument ID:	CVOAMS17		
Lims ID:	460-308013-B-3	Lab Sample ID:	460-308013-3		
Client ID:	MW-6_20240719				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.36	83.00	6436	2.519851
7.35	97.00	1986	
7.37	85.00	547	

Reviewer: C1JX, 24-Jul-2024 22:34:34 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

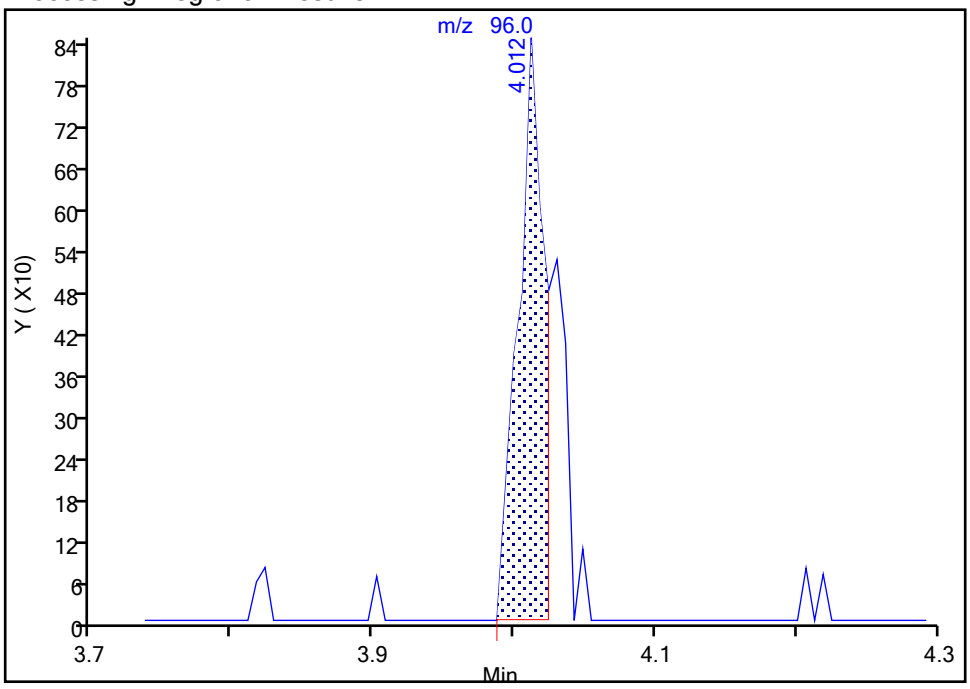
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83672.D
Injection Date: 24-Jul-2024 22:05:30 Instrument ID: CVOAMS17
Lims ID: 460-308013-B-3 Lab Sample ID: 460-308013-3
Client ID: MW-6_20240719
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

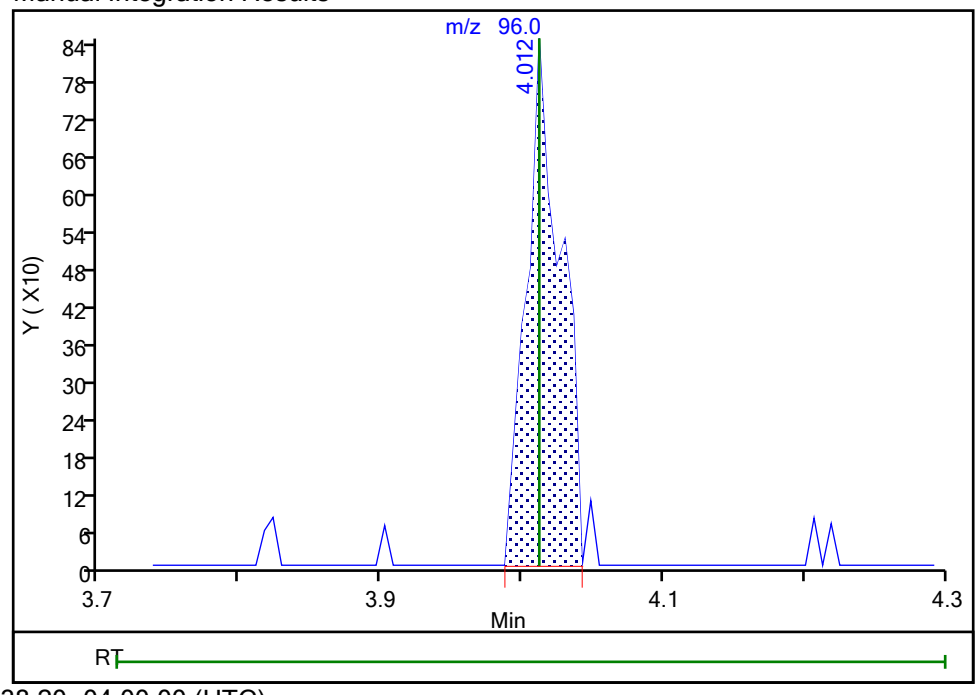
Processing Integration Results

RT: 4.01
Area: 1093
Amount: 0.207288
Amount Units: ug/l



Manual Integration Results

RT: 4.01
Area: 1432
Amount: 0.271579
Amount Units: ug/l



Reviewer: XE5L, 25-Jul-2024 11:38:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

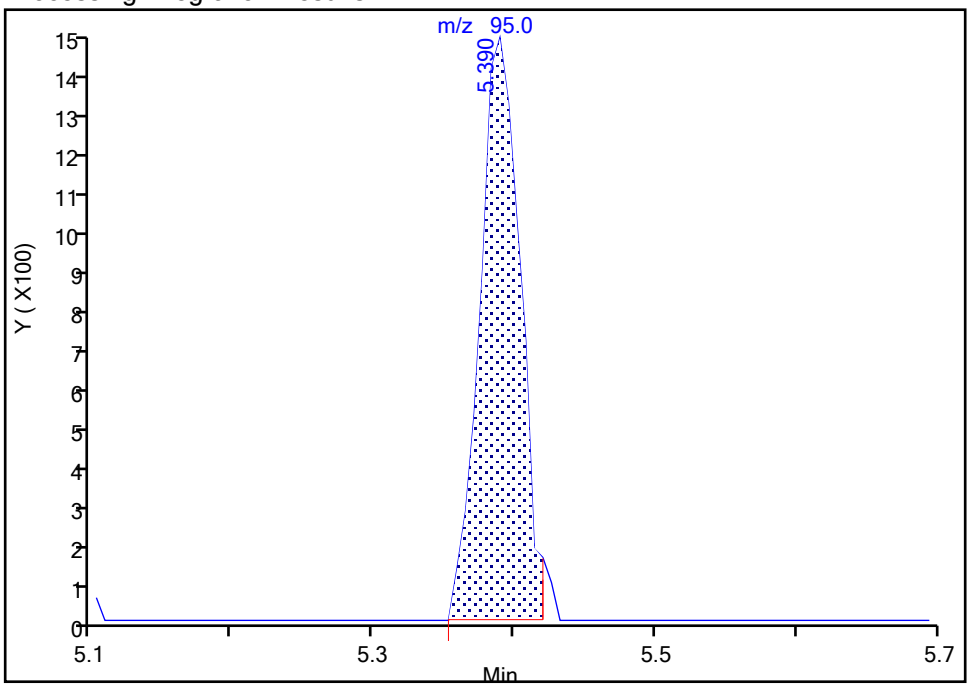
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83672.D
Injection Date: 24-Jul-2024 22:05:30 Instrument ID: CVOAMS17
Lims ID: 460-308013-B-3 Lab Sample ID: 460-308013-3
Client ID: MW-6_20240719
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 Trichloroethene, CAS: 79-01-6

Signal: 1

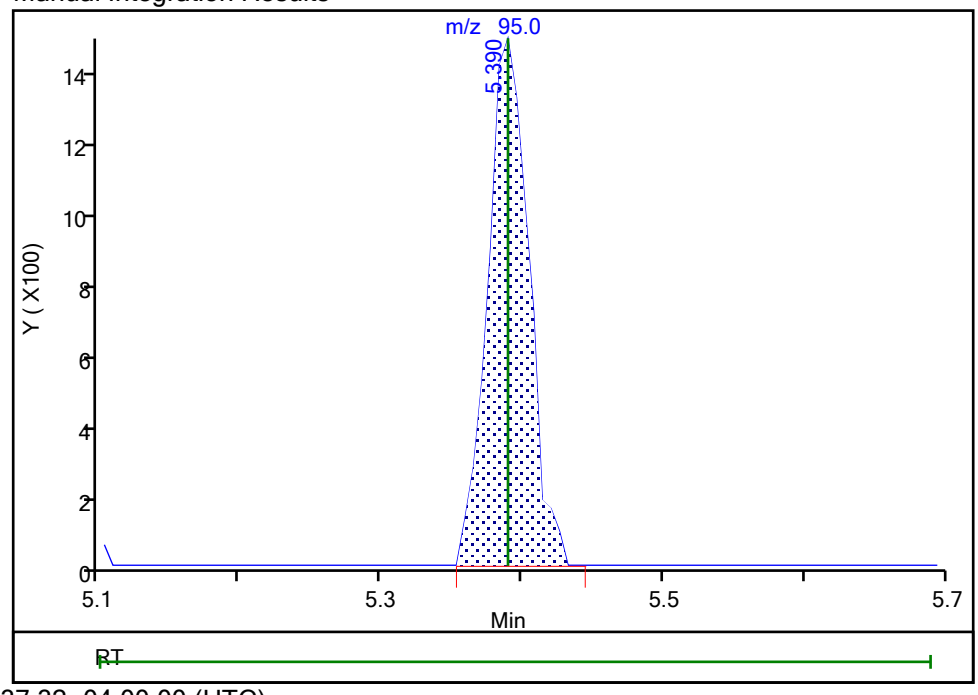
Processing Integration Results

RT: 5.39
Area: 2927
Amount: 0.630392
Amount Units: ug/l



Manual Integration Results

RT: 5.39
Area: 2962
Amount: 0.637930
Amount Units: ug/l



Reviewer: C1JX, 24-Jul-2024 22:37:32 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: DUP-01_20240719 | Lab Sample ID: 460-308013-4

Matrix: Water | Lab File ID: TT83673.D

Analysis Method: 8260D | Date Collected: 07/19/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 22:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.73	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: DUP-01_20240719 | Lab Sample ID: 460-308013-4

Matrix: Water | Lab File ID: TT83673.D

Analysis Method: 8260D | Date Collected: 07/19/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 22:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	42		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.42	J	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: DUP-01_20240719 | Lab Sample ID: 460-308013-4

Matrix: Water | Lab File ID: TT83673.D

Analysis Method: 8260D | Date Collected: 07/19/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 22:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83673.D
Lims ID: 460-308013-B-4
Client ID: DUP-01_20240719
Sample Type: Client
Inject. Date: 24-Jul-2024 22:25:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-4
Misc. Info.: 460-0178783-015
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 11:39:37 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: C1JX Date: 24-Jul-2024 22:50:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.951	2.945	0.006	0	25104	1000.0	
* 42 2-Butanone-d5	46	3.975	3.969	0.006	0	152537	250.0	
52 Chloroform	83	4.274	4.286	-0.012	93	5623	0.7314	M
$ 55 Dibromofluoromethane (Surr)	113	4.439	4.439	0.000	99	196338	50.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.774	4.780	-0.006	0	159209	42.5	
* 66 Fluorobenzene	96	5.048	5.048	0.000	99	799925	50.0	
68 Trichloroethene	95	5.390	5.390	0.000	91	1926	0.4167	M
* 72 1,4-Dioxane-d8	96	5.731	5.725	0.006	0	19095	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.688	6.688	0.000	99	757247	48.5	
88 Tetrachloroethene	166	7.365	7.365	0.000	97	198726	42.1	
* 94 Chlorobenzene-d5	117	8.450	8.450	0.000	84	585417	50.0	
$ 105 4-Bromofluorobenzene	174	9.913	9.913	0.000	97	249888	51.8	
* 121 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	94	329989	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00075 Amount Added: 5.00 Units: uL Run Reagent

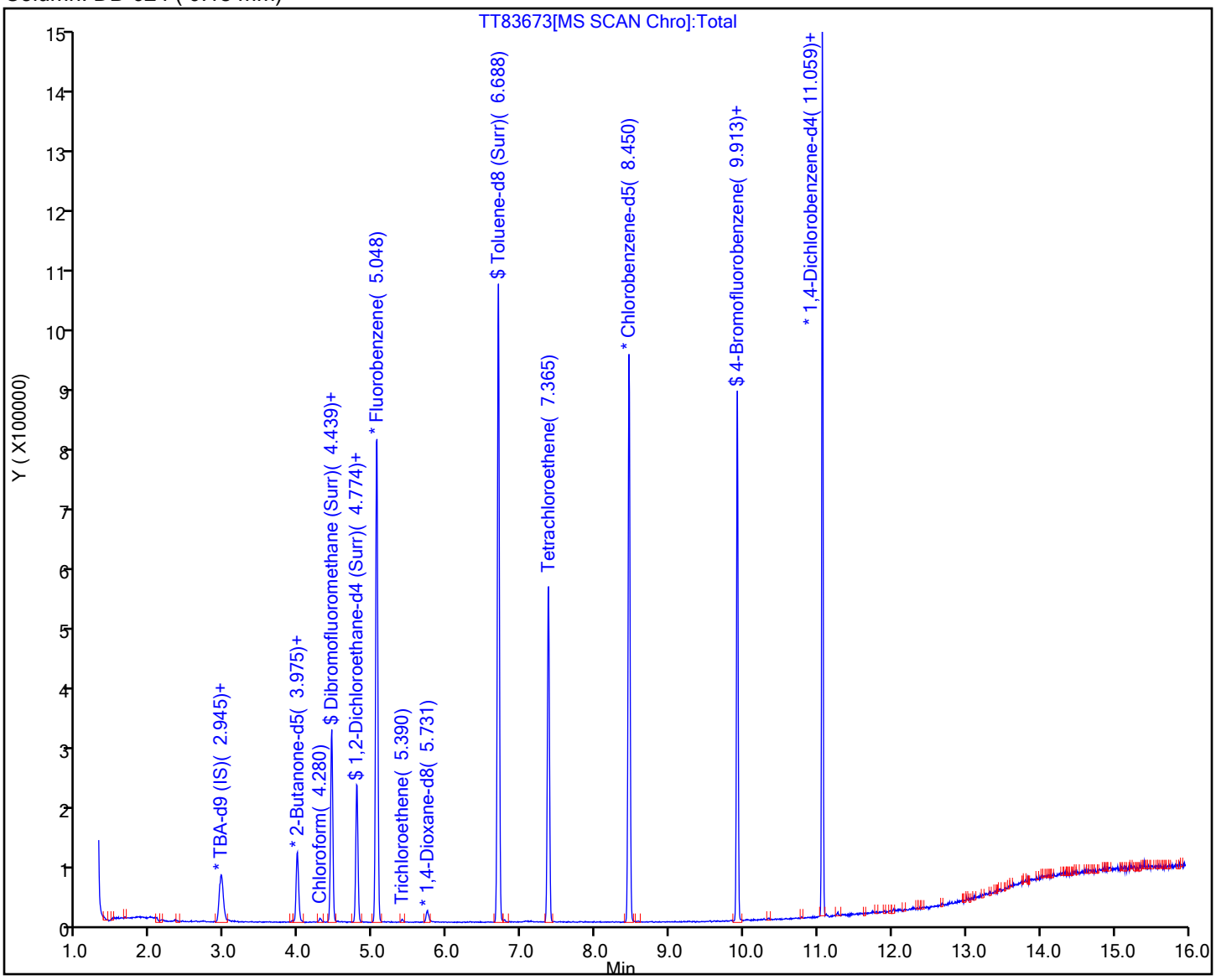
Report Date: 25-Jul-2024 11:39:37 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83673.D

Injection Date:	24-Jul-2024 22:25:30	Instrument ID:	CVOAMS17
Lims ID:	460-308013-B-4	Lab Sample ID:	460-308013-4
Client ID:	DUP-01_20240719		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83673.D
Lims ID: 460-308013-B-4
Client ID: DUP-01_20240719
Sample Type: Client
Inject. Date: 24-Jul-2024 22:25:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-4
Misc. Info.: 460-0178783-015
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 11:39:37 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1689

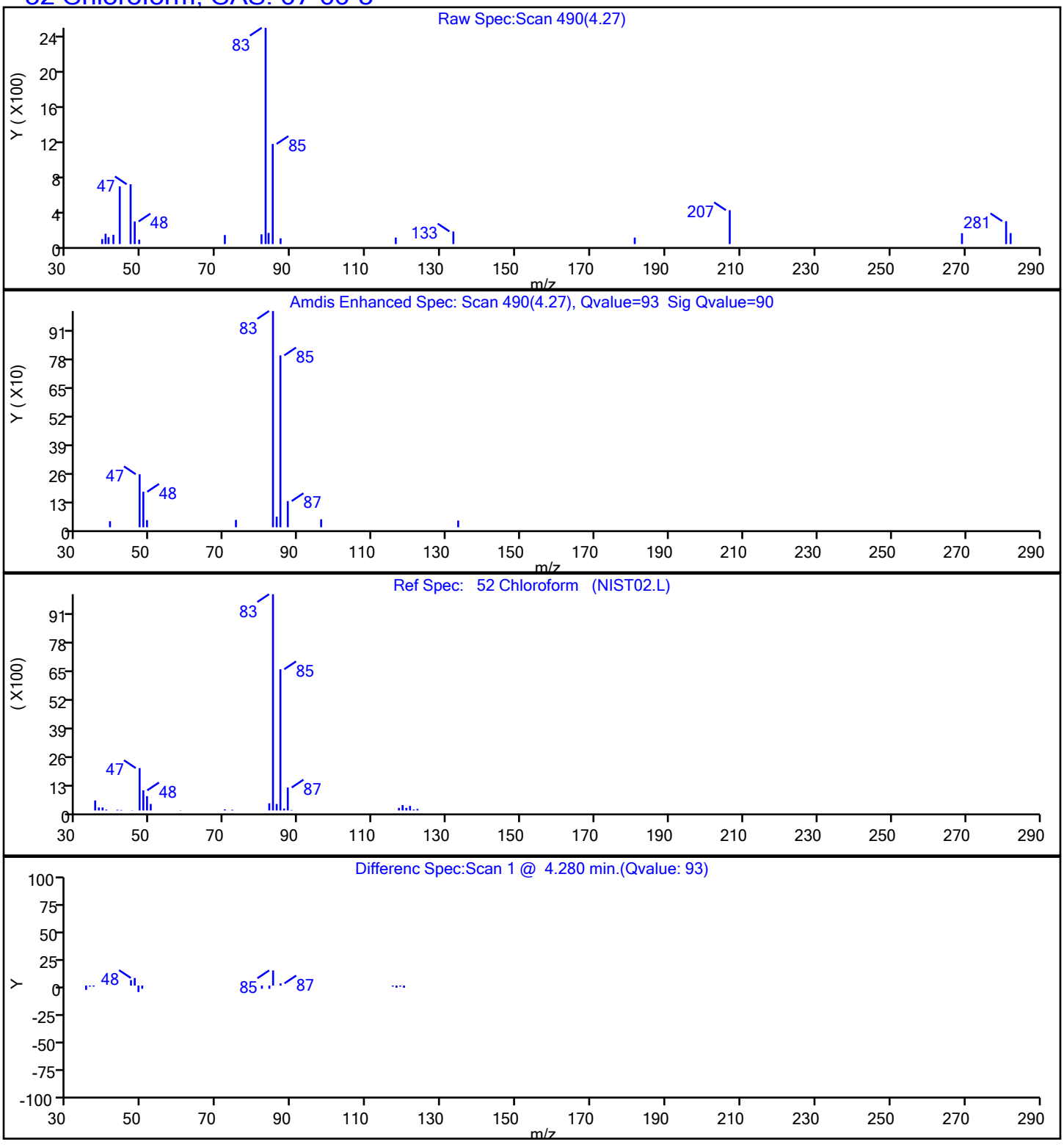
First Level Reviewer: C1JX Date: 24-Jul-2024 22:50:04

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.4	100.85
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.5	85.09
$ 83 Toluene-d8 (Surr)	50.0	48.5	96.92
$ 105 4-Bromofluorobenzene	50.0	51.8	103.60

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83673.D		
Injection Date:	24-Jul-2024 22:25:30	Instrument ID:	CVOAMS17
Lims ID:	460-308013-B-4	Lab Sample ID:	460-308013-4
Client ID:	DUP-01_20240719		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

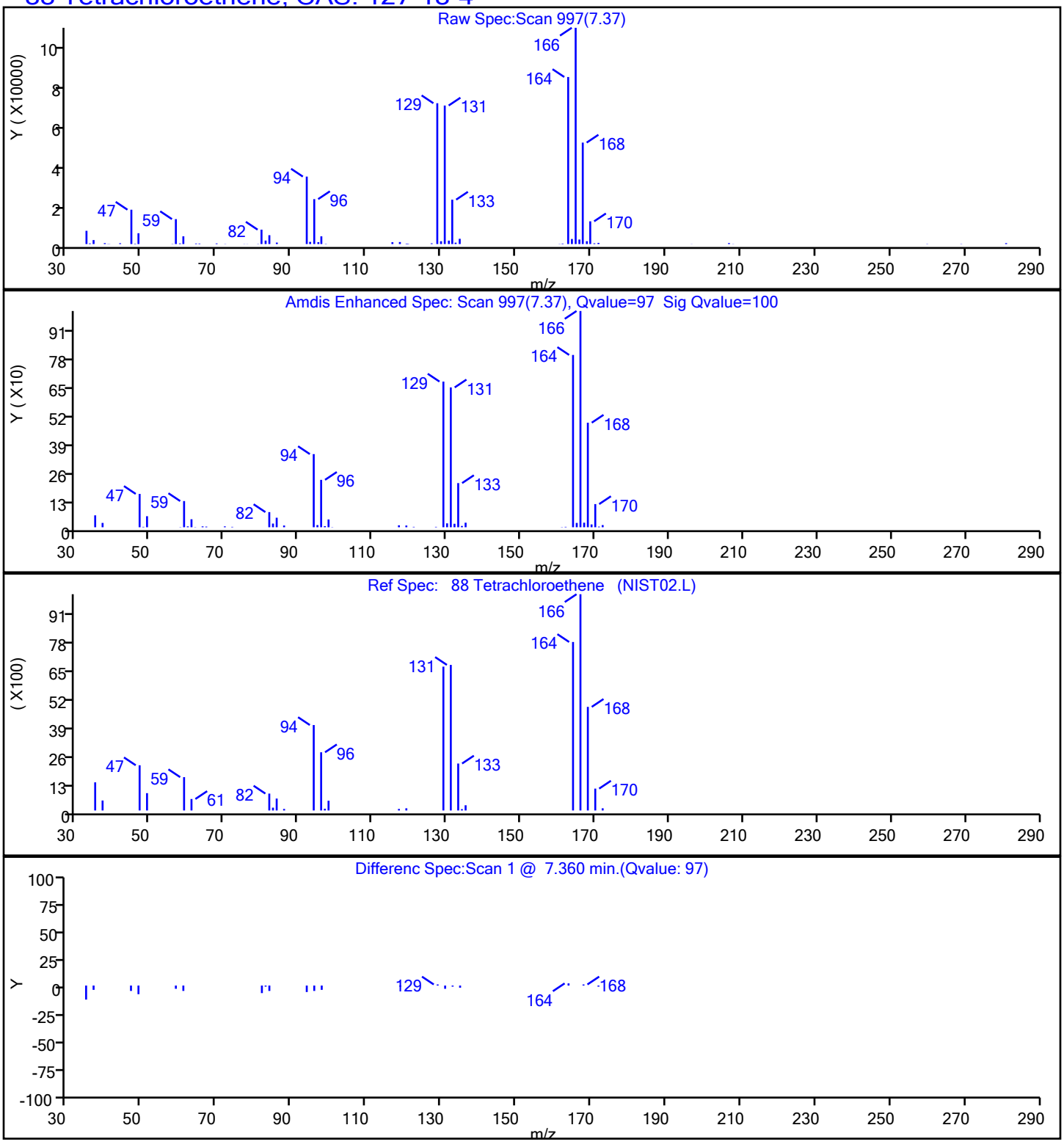
52 Chloroform, CAS: 67-66-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83673.D		
Injection Date:	24-Jul-2024 22:25:30	Instrument ID:	CVOAMS17
Lims ID:	460-308013-B-4	Lab Sample ID:	460-308013-4
Client ID:	DUP-01_20240719		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

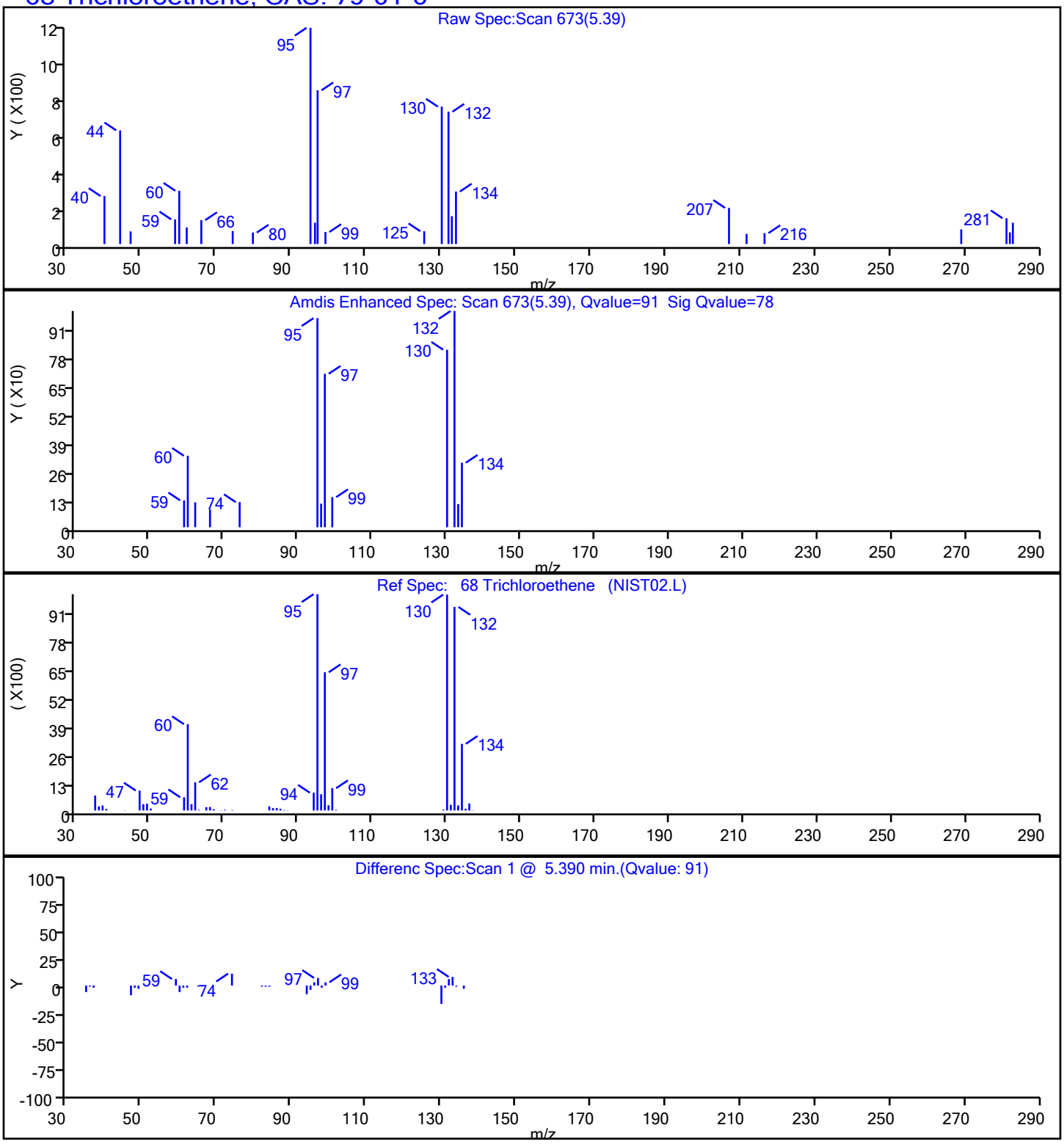
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83673.D		
Injection Date:	24-Jul-2024 22:25:30	Instrument ID:	CVOAMS17
Lims ID:	460-308013-B-4	Lab Sample ID:	460-308013-4
Client ID:	DUP-01_20240719		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

68 Trichloroethene, CAS: 79-01-6



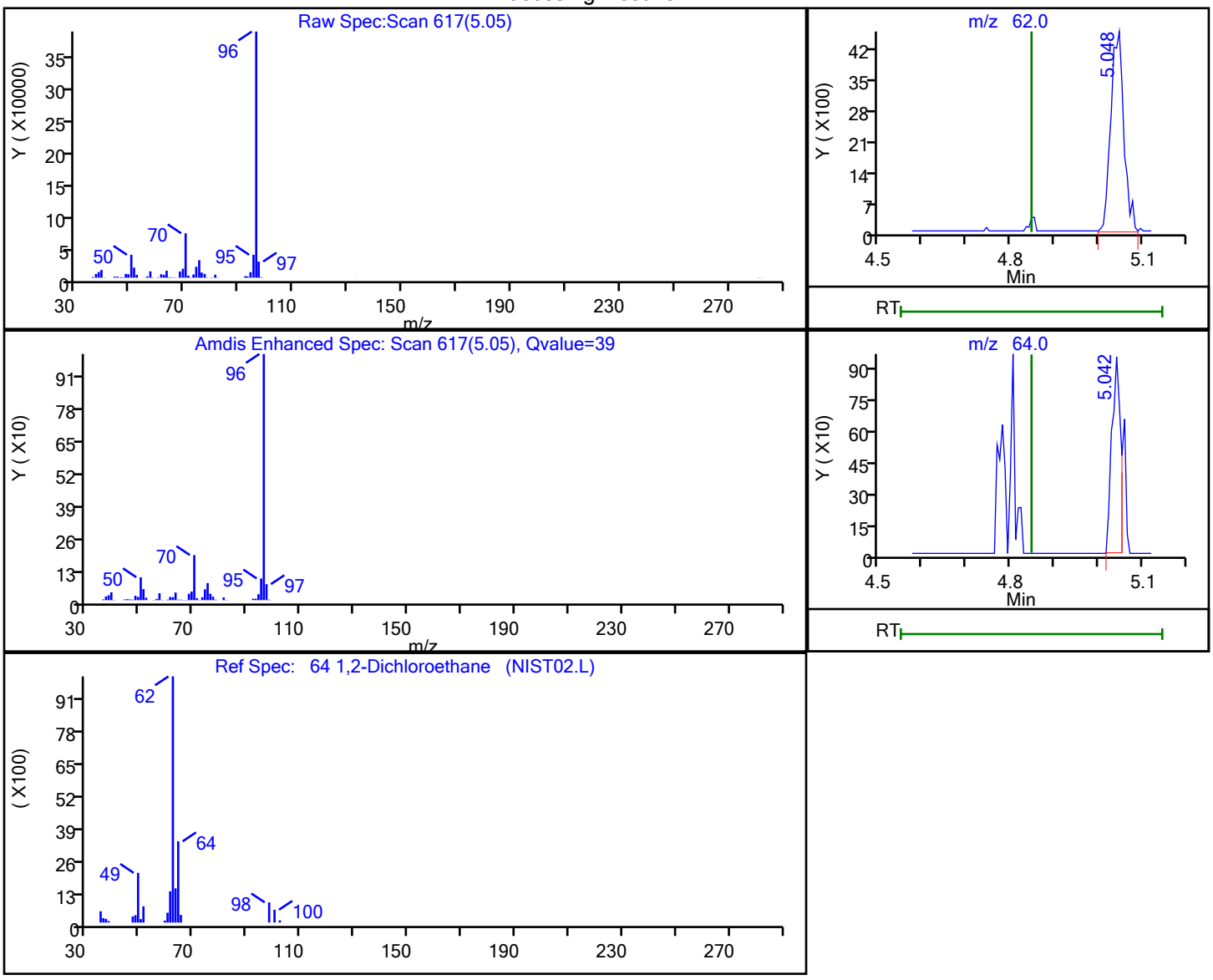
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83673.D				
Injection Date:	24-Jul-2024 22:25:30	Instrument ID:	CVOAMS17		
Lims ID:	460-308013-B-4	Lab Sample ID:	460-308013-4		
Client ID:	DUP-01_20240719				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.05	62.00	9503	2.101307
5.04	64.00	1325	

Reviewer: C1JX, 24-Jul-2024 22:48:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

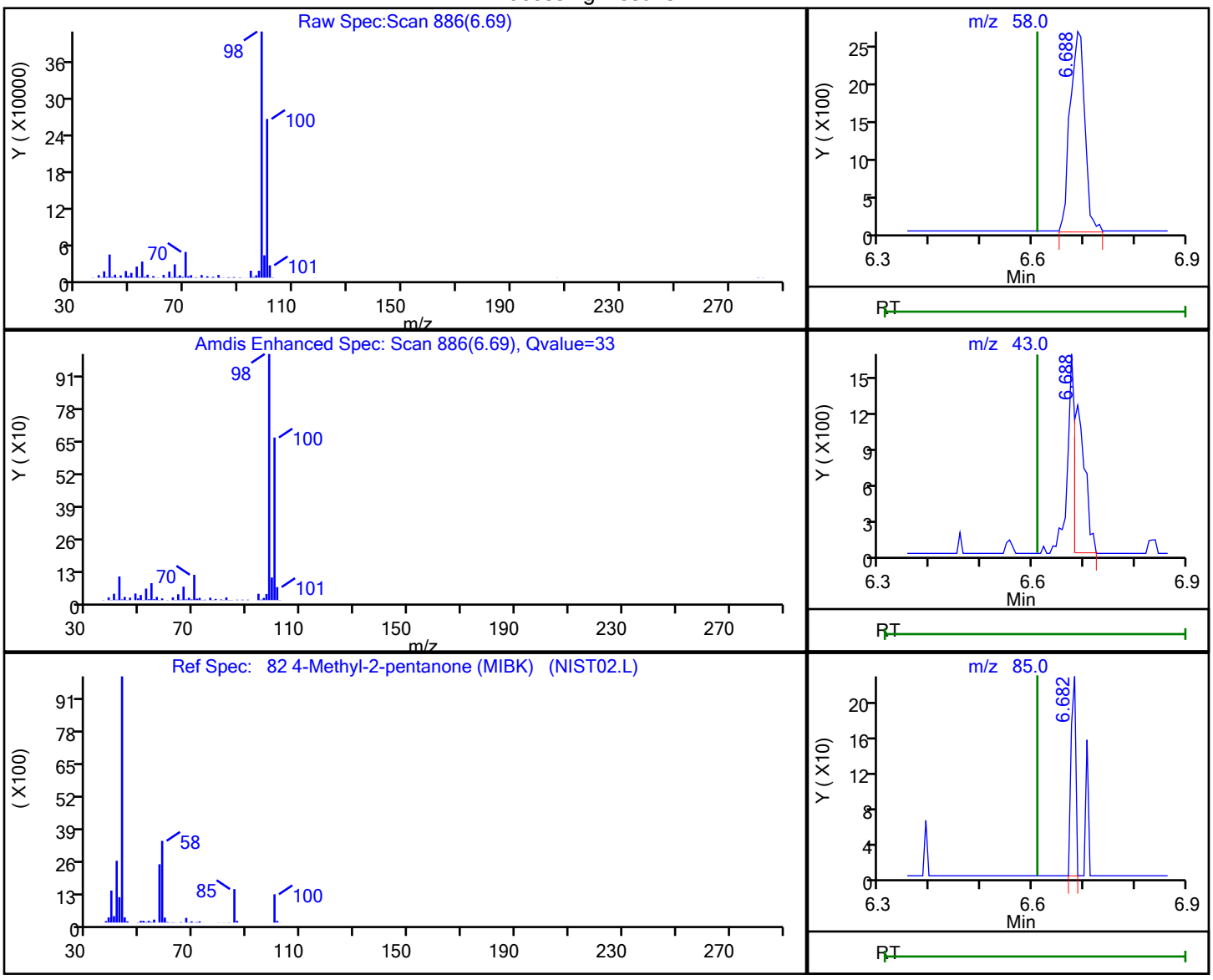
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83673.D				
Injection Date:	24-Jul-2024 22:25:30	Instrument ID:	CVOAMS17		
Lims ID:	460-308013-B-4	Lab Sample ID:	460-308013-4		
Client ID:	DUP-01_20240719				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.69	58.00	5330	8.194340
6.69	43.00	1826	
6.68	85.00	143	
6.69	100.00	495708	

Reviewer: C1JX, 24-Jul-2024 22:49:02 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

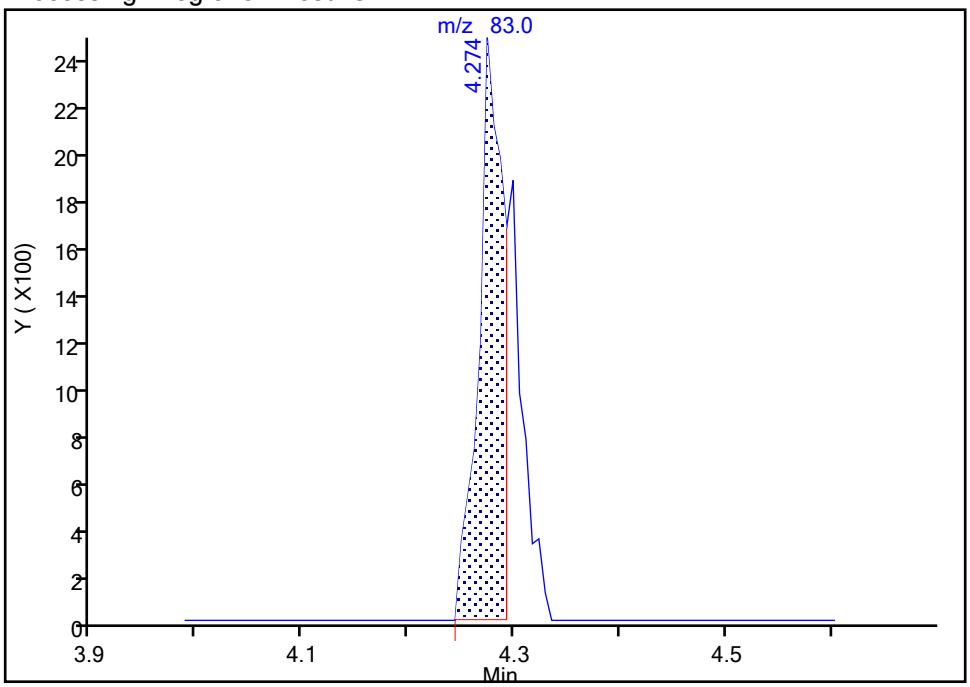
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83673.D		
Injection Date:	24-Jul-2024 22:25:30	Instrument ID:	CVOAMS17
Lims ID:	460-308013-B-4	Lab Sample ID:	460-308013-4
Client ID:	DUP-01_20240719		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

52 Chloroform, CAS: 67-66-3

Signal: 1

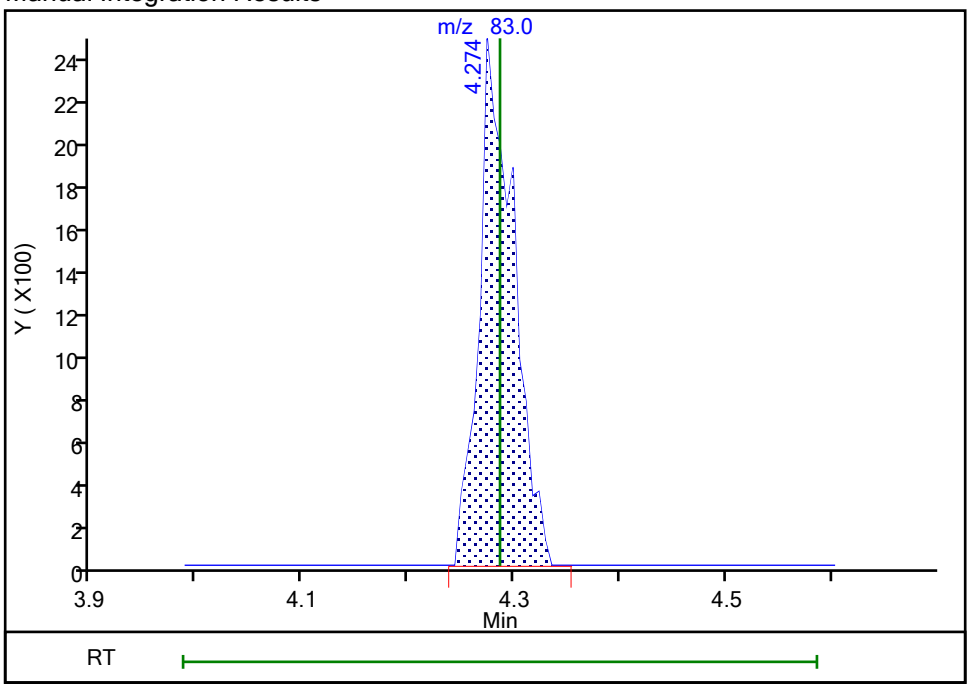
Processing Integration Results

RT: 4.27
Area: 4020
Amount: 0.522886
Amount Units: ug/l



Manual Integration Results

RT: 4.27
Area: 5623
Amount: 0.731389
Amount Units: ug/l



Reviewer: C1JX, 24-Jul-2024 22:48:51 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

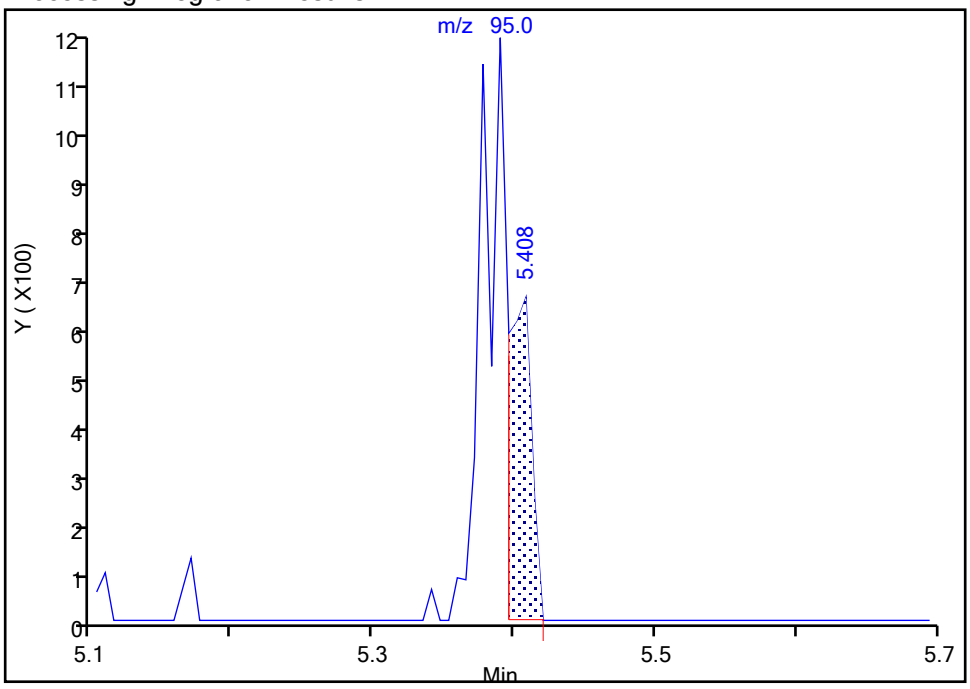
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83673.D
Injection Date: 24-Jul-2024 22:25:30 Instrument ID: CVOAMS17
Lims ID: 460-308013-B-4 Lab Sample ID: 460-308013-4
Client ID: DUP-01_20240719
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 Trichloroethene, CAS: 79-01-6

Signal: 1

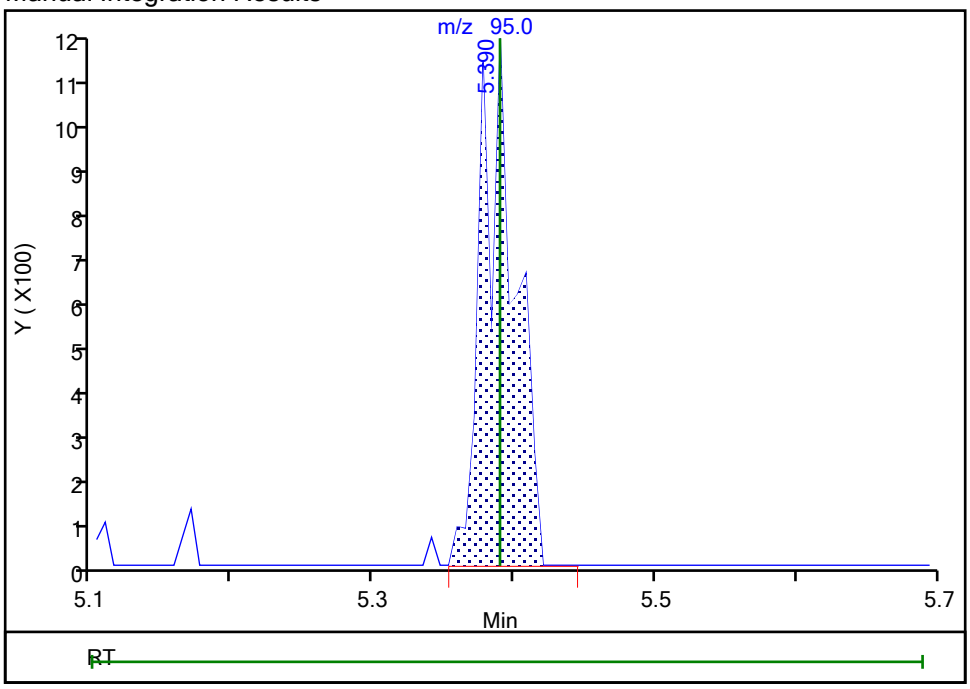
Processing Integration Results

RT: 5.41
Area: 744
Amount: 0.160955
Amount Units: ug/l



Manual Integration Results

RT: 5.39
Area: 1926
Amount: 0.416667
Amount Units: ug/l



Reviewer: XE5L, 25-Jul-2024 11:39:23 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: FB-01_20240719 | Lab Sample ID: 460-308013-5

Matrix: Water | Lab File ID: TT83668.D

Analysis Method: 8260D | Date Collected: 07/19/2024 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 20:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: FB-01_20240719 | Lab Sample ID: 460-308013-5

Matrix: Water | Lab File ID: TT83668.D

Analysis Method: 8260D | Date Collected: 07/19/2024 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 20:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: FB-01_20240719 | Lab Sample ID: 460-308013-5

Matrix: Water | Lab File ID: TT83668.D

Analysis Method: 8260D | Date Collected: 07/19/2024 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 20:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83668.D
Lims ID: 460-308013-B-5
Client ID: FB-01_20240719
Sample Type: Client
Inject. Date: 24-Jul-2024 20:47:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-5
Misc. Info.: 460-0178783-010
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 07:06:13 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 24-Jul-2024 21:07:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.951	2.945	0.006	0	27441	1000.0	
* 42 2-Butanone-d5	46	3.969	3.969	0.000	0	155165	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.439	4.439	0.000	98	199176	49.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.780	4.780	0.000	0	163789	42.6	
* 66 Fluorobenzene	96	5.048	5.048	0.000	99	822348	50.0	
* 72 1,4-Dioxane-d8	96	5.731	5.725	0.006	0	19841	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.688	6.688	0.000	100	766708	48.0	
* 94 Chlorobenzene-d5	117	8.450	8.450	0.000	85	597995	50.0	
$ 105 4-Bromofluorobenzene	174	9.913	9.913	0.000	98	254186	51.6	
* 121 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	94	334345	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00075 Amount Added: 5.00 Units: uL Run Reagent

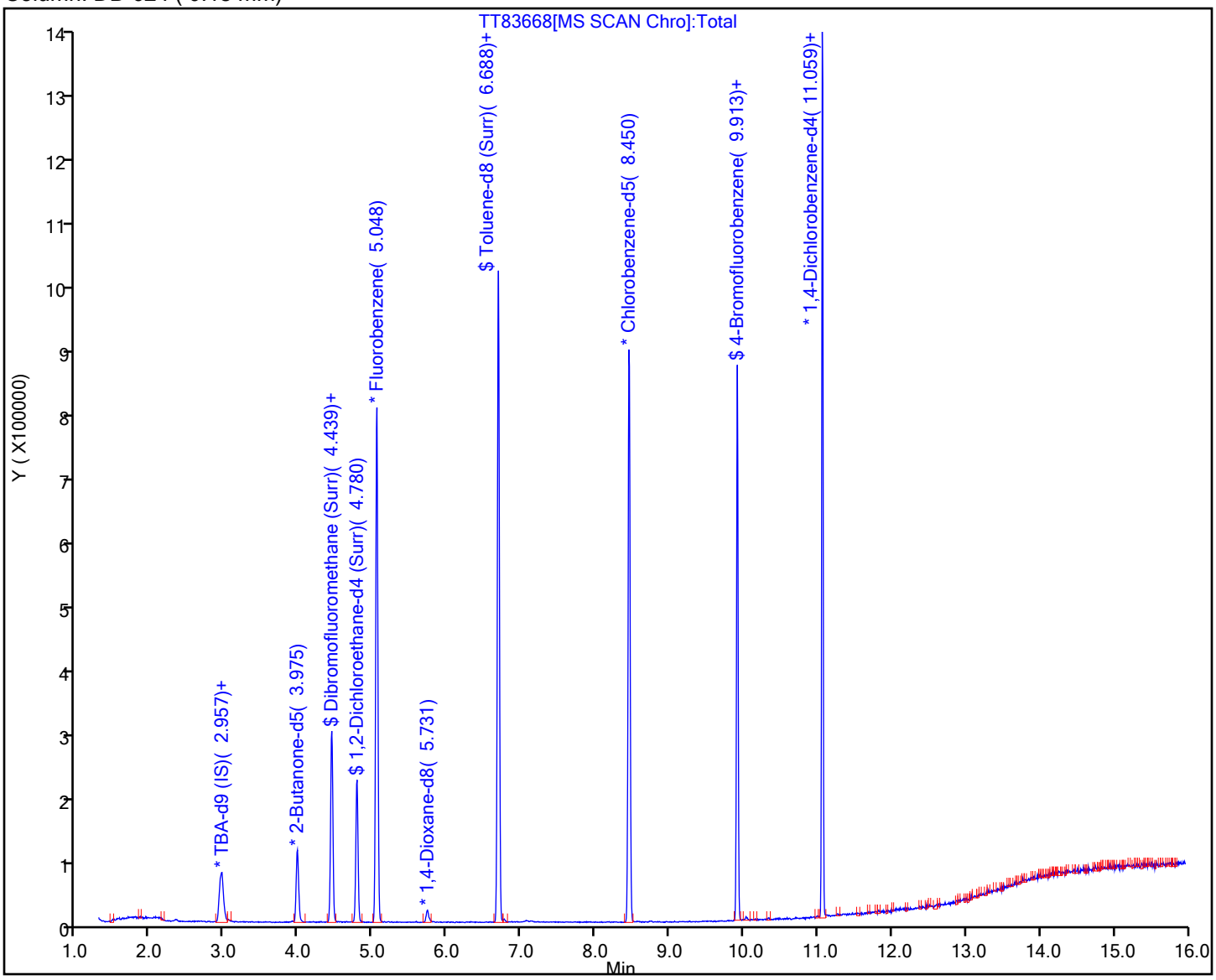
Report Date: 25-Jul-2024 09:06:09 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83668.D

Injection Date:	24-Jul-2024 20:47:30	Instrument ID:	CVOAMS17
Lims ID:	460-308013-B-5	Lab Sample ID:	460-308013-5
Client ID:	FB-01_20240719		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83668.D
Lims ID: 460-308013-B-5
Client ID: FB-01_20240719
Sample Type: Client
Inject. Date: 24-Jul-2024 20:47:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-5
Misc. Info.: 460-0178783-010
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 07:06:13 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 24-Jul-2024 21:07:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.8	99.51
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.6	85.15
$ 83 Toluene-d8 (Surr)	50.0	48.0	96.07
$ 105 4-Bromofluorobenzene	50.0	51.6	103.17

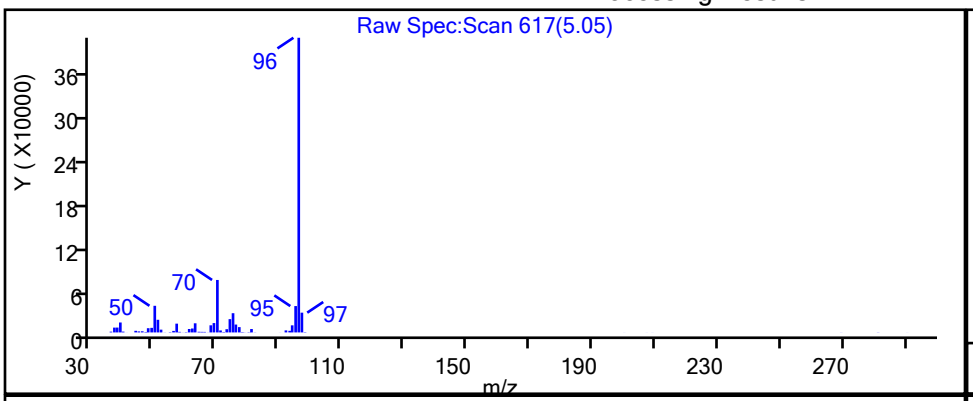
User Disabled Compound Report

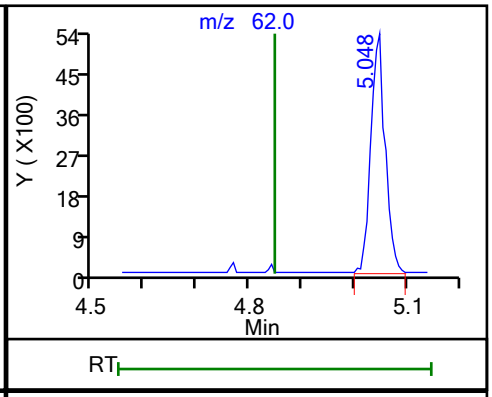
Eurofins Edison

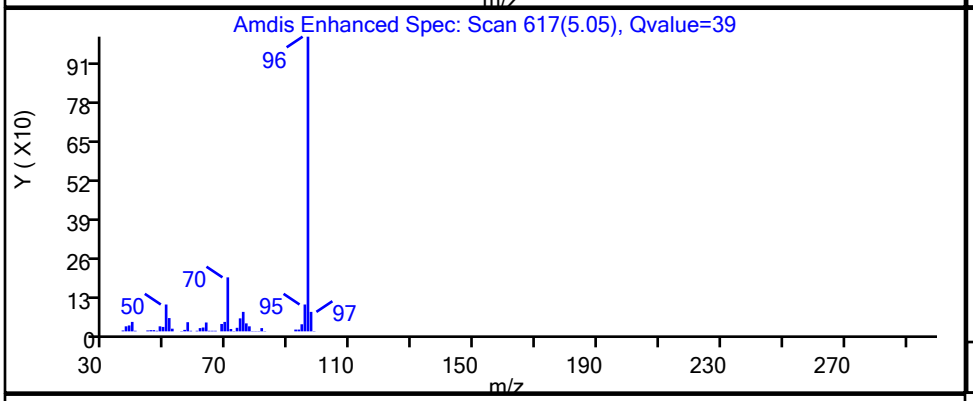
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83668.D				
Injection Date:	24-Jul-2024 20:47:30	Instrument ID:	CVOAMS17		
Lims ID:	460-308013-B-5	Lab Sample ID:	460-308013-5		
Client ID:	FB-01_20240719				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

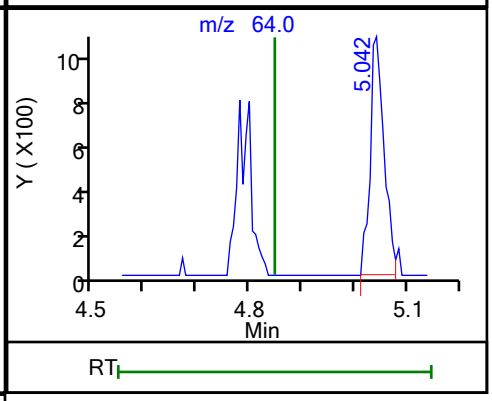
64 1,2-Dichloroethane, CAS: 107-06-2

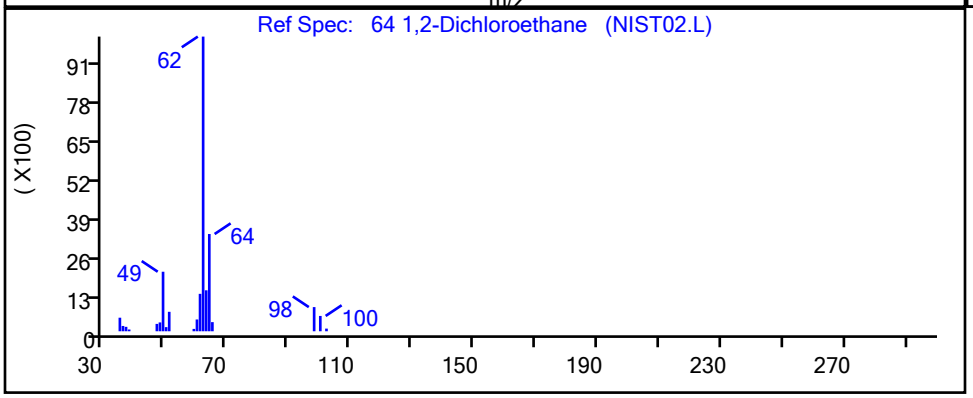
Processing Results











RT	Mass	Response	Amount
5.05	62.00	10246	2.203823
5.04	64.00	2016	

Reviewer: C1JX, 24-Jul-2024 21:06:39 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: TB-01_20240719 | Lab Sample ID: 460-308013-6

Matrix: Water | Lab File ID: TT83669.D

Analysis Method: 8260D | Date Collected: 07/19/2024 15:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 21:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: TB-01_20240719 | Lab Sample ID: 460-308013-6

Matrix: Water | Lab File ID: TT83669.D

Analysis Method: 8260D | Date Collected: 07/19/2024 15:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 21:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: TB-01_20240719 | Lab Sample ID: 460-308013-6

Matrix: Water | Lab File ID: TT83669.D

Analysis Method: 8260D | Date Collected: 07/19/2024 15:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 21:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83669.D
Lims ID: 460-308013-B-6
Client ID: TB-01_20240719
Sample Type: Client
Inject. Date: 24-Jul-2024 21:06:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-6
Misc. Info.: 460-0178783-011
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 07:06:13 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 24-Jul-2024 21:43:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.945	2.945	0.000	0	26062	1000.0	
* 42 2-Butanone-d5	46	3.969	3.969	0.000	0	150584	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.439	4.439	0.000	97	199496	50.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.780	4.780	0.000	0	163673	43.4	
* 66 Fluorobenzene	96	5.042	5.048	-0.006	99	806906	50.0	
* 72 1,4-Dioxane-d8	96	5.737	5.725	0.012	0	20802	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.688	6.688	0.000	99	763485	48.4	
* 94 Chlorobenzene-d5	117	8.450	8.450	0.000	84	591331	50.0	
$ 105 4-Bromofluorobenzene	174	9.913	9.913	0.000	97	257085	52.8	
* 121 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	94	337000	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00075 Amount Added: 5.00 Units: uL Run Reagent

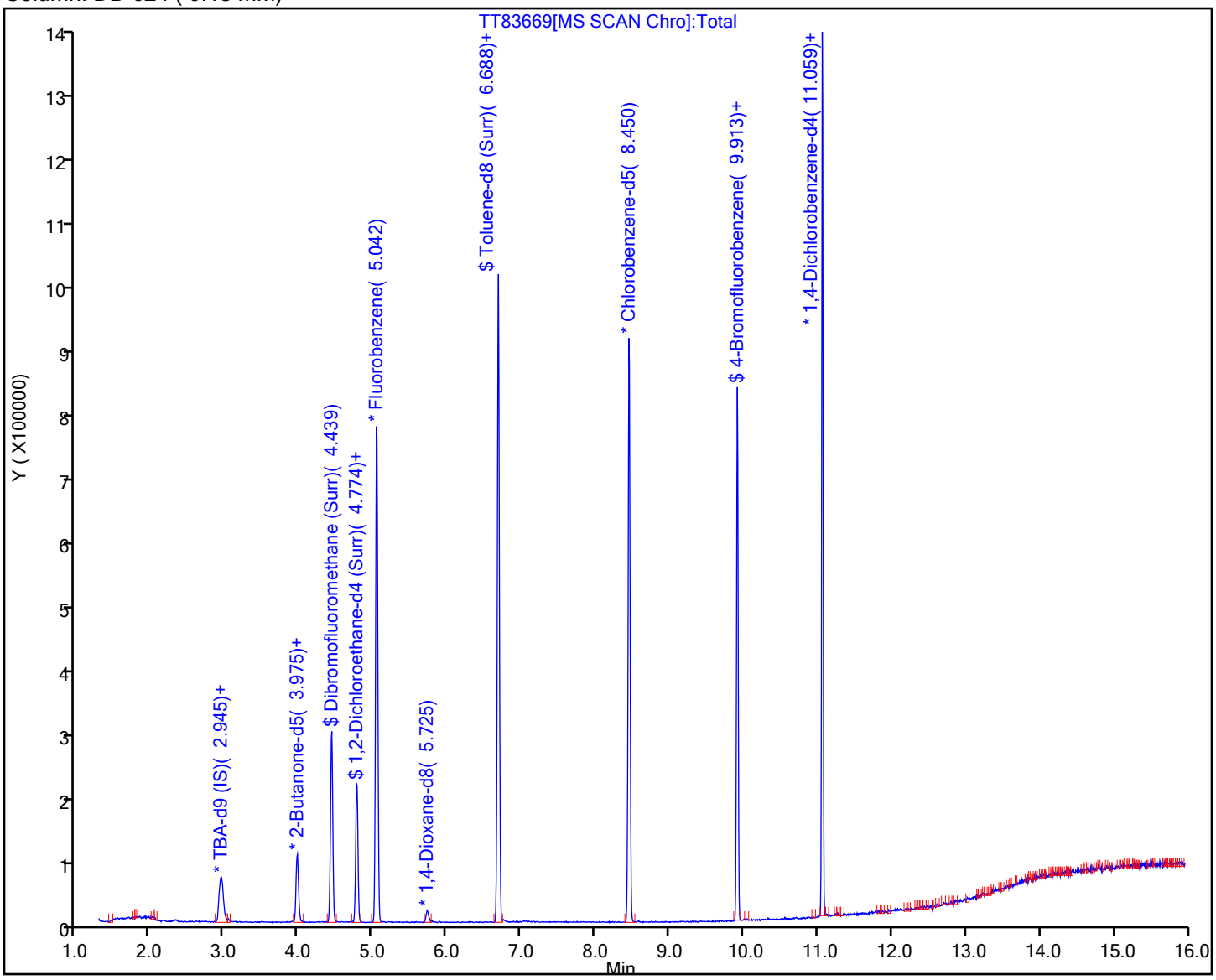
Report Date: 25-Jul-2024 09:06:11 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83669.D

Injection Date:	24-Jul-2024 21:06:30	Instrument ID:	CVOAMS17		
Lims ID:	460-308013-B-6	Lab Sample ID:	460-308013-6		
Client ID:	TB-01_20240719				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83669.D
Lims ID: 460-308013-B-6
Client ID: TB-01_20240719
Sample Type: Client
Inject. Date: 24-Jul-2024 21:06:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-6
Misc. Info.: 460-0178783-011
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 07:06:13 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: C1JX Date: 24-Jul-2024 21:43:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.8	101.58
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	43.4	86.72
$ 83 Toluene-d8 (Surr)	50.0	48.4	96.74
$ 105 4-Bromofluorobenzene	50.0	52.8	105.52

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-308013-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-973787/3	TT80099.D
Level 2	STD05 460-973787/4	TT80100.D
Level 3	STD1 460-973787/5	TT80101.D
Level 4	STD5 460-973787/6	TT80102.D
Level 5	STD20 460-973787/7	TT80103.D
Level 6	STD50 460-973787/8	TT80104.D
Level 7	STD200 460-973787/9	TT80105.D
Level 8	STD500 460-973787/10	TT80106.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.1316	+++++ 0.1034	0.1410 0.1215	0.1124	0.0950	Ave		0.1175				14.8		20.0			
Dichlorodifluoromethane	+++++ 0.4201	+++++ 0.3523	0.3117 0.4044	0.3357	0.3536	Ave		0.3630			0.1000	11.4		20.0			
Chlorodifluoromethane	+++++ 0.0635	+++++ 0.0531	0.0457 0.0595	0.0634	0.0559	Ave		0.0569				12.0		20.0			
Chloromethane	+++++ 0.3725	+++++ 0.3148	0.3224 0.3255	0.3750	0.3957	Ave		0.3510			0.1000	9.7		20.0			
Butadiene	0.4081 0.3215	0.3151 0.2470	0.2620 0.2605	0.2973	0.3219	Ave		0.3042				16.9		20.0			
Vinyl chloride	+++++ 0.3581	+++++ 0.2942	0.2780 0.2996	0.3478	0.3720	Ave		0.3249			0.1000	12.0		20.0			
Bromomethane	+++++ 0.2179	+++++ 0.1856	0.2022 0.1673	0.2182	0.2463	Ave		0.2063			0.1000	13.4		20.0			
Chloroethane	+++++ 0.1936	+++++ 0.1624	0.1577 0.1565	0.2123	0.2061	Ave		0.1814			0.1000	14.1		20.0			
Dichlorofluoromethane	+++++ 0.6488	+++++ 0.5985	0.5334 0.5812	0.5675	0.6228	Ave		0.5920				6.9		20.0			
Trichlorofluoromethane	+++++ 0.4442	+++++ 0.3783	0.3882 0.4021	0.3639	0.3838	Ave		0.3934			0.1000	7.1		20.0			
Pentane	+++++ 0.0592	+++++ 0.0390	0.0659 0.0445	0.0574	0.0577	Ave		0.0540				18.7		20.0			
Ethanol	+++++ 0.3608	+++++ 0.3220	+++++ 0.3321	0.4332	0.3737	Ave		0.3644				12.0		20.0			
Ethyl ether	+++++ 0.1476	+++++ 0.1312	0.1882 0.1344	0.1445	0.1547	Ave		0.1501				13.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-308013-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2892	+++++ 0.2200	0.3101 0.2330	0.2984	0.2917	Ave		0.2737				13.7		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3016	+++++ 0.2622	0.2890 0.2816	0.2719	0.2565	Ave		0.2771				6.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4776	+++++ 0.4100	0.4024 0.4344	0.4441	0.4140	Ave		0.4304				6.5		20.0			
Acrolein	+++++ 0.0292	+++++ 0.0294	0.0388 0.0288	0.0350	0.0332	Ave		0.0324				12.4		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.3029	+++++ 0.2376	0.3035 0.2702	0.2806	0.2832	Ave		0.2797			0.1000	8.7		20.0			
1,1-Dichloroethene	+++++ 0.3075	+++++ 0.2592	0.2469 0.2759	0.2955	0.2986	Ave		0.2806			0.1000	8.6		20.0			
Acetone	+++++ 0.7169	+++++ 1.0371	0.8407 0.9694	0.7891	0.7120	Ave		0.8442			0.0500	15.9		20.0			
Iodomethane	+++++ 0.5736	+++++ 0.4956	0.4873 0.5103	0.4873	0.5552	Ave		0.5182				7.2		20.0			
Isopropyl alcohol	+++++ 3.8300	+++++ 3.3036	4.8773 3.3781	4.0606	4.1515	Ave		3.9335				14.7		20.0			
Carbon disulfide	+++++ 1.1693	+++++ 0.9165	1.1112 0.9360	1.1283	1.1954	Ave		1.0761			0.1000	11.1		20.0			
3-Chloro-1-propene	+++++ 0.2084	+++++ 0.1698	0.2037 0.1831	0.1712	0.2091	Ave		0.1909				9.6		20.0			
Methyl acetate	+++++ 0.1137	+++++ 0.0936	0.1374 0.1000	0.1192	0.1256	Ave		0.1149			0.1000	14.1		20.0			
Cyclopentene	+++++ 0.6933	+++++ 0.5206	0.7122 0.5508	0.6508	0.7054	Ave		0.6389				13.0		20.0			
Acetonitrile	+++++ 0.3738	+++++ 0.3093	0.2712 0.3437	0.3426	0.4151	Ave		0.3426				14.6		20.0			
Methylene Chloride	+++++ 0.3368	+++++ 0.2908	0.3098 0.2976	0.3126	0.3359	Ave		0.3139			0.1000	6.1		20.0			
2-Methyl-2-propanol	+++++ 6.5723	5.5556 5.8847	6.8717 5.9773	6.6597	6.9595	Ave		6.3544				8.6		20.0			
Methyl tert-butyl ether	+++++ 0.6972	+++++ 0.6286	0.6230 0.6444	0.6874	0.7004	Ave		0.6635			0.1000	5.3		20.0			
trans-1,2-Dichloroethene	+++++ 0.3335	+++++ 0.2859	0.3220 0.2969	0.3142	0.3331	Ave		0.3143			0.1000	6.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-308013-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.0774 0.0599	0.0647 0.0508	0.0568 0.0539	0.0584	0.0635	Ave		0.0607				13.5		20.0			
Hexane	+++++ 0.4283	+++++ 0.3139	0.4476 0.3483	0.4156	0.4167	Ave		0.3951				13.2		20.0			
Isopropyl ether	+++++ 0.9648	+++++ 0.8340	1.0161 0.8189	0.9956	1.0514	Ave		0.9468				10.3		20.0			
1,1-Dichloroethane	+++++ 0.5616	+++++ 0.4854	0.4883 0.4855	0.5472	0.5965	Ave		0.5274			0.2000	9.0		20.0			
Vinyl acetate	+++++ 0.7191	+++++ 0.6447	0.7209 0.6346	0.7168	0.7444	Ave		0.6968				6.5		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2762	+++++ 0.2378	0.2902 0.2494	0.2602	0.2709	Ave		0.2641				7.2		20.0			
Tert-butyl ethyl ether	+++++ 0.8687	+++++ 0.7796	0.7731 0.7870	0.8290	0.9002	Ave		0.8229				6.4		20.0			
2,2-Dichloropropane	+++++ 0.1123	+++++ 0.0994	0.1231 0.1023	0.1167	0.1137	Ave		0.1113				8.0		20.0			
cis-1,2-Dichloroethene	+++++ 0.3426	+++++ 0.3032	0.3423 0.3097	0.3342	0.3367	Ave		0.3281			0.1000	5.2		20.0			
2-Butanone (MEK)	+++++ 0.2986	+++++ 0.3277	0.3581 0.3105	0.3023	0.2930	Ave		0.3150			0.0500	7.7		20.0			
Ethyl acetate	+++++ 0.3282	+++++ 0.3174	0.4202 0.3025	0.3910	0.3320	Ave		0.3486				13.3		20.0			
Methyl acrylate	+++++ 0.1466	+++++ 0.1289	0.1096 0.1360	0.1664	0.1555	Ave		0.1405				14.4		20.0			
Propionitrile	+++++ 8.6326	+++++ 7.9796	10.611 7.7516	8.7757	9.1722	Ave		8.8204				11.6		20.0			
Tetrahydrofuran	+++++ 0.3390	+++++ 0.3043	0.4518 0.2943	0.3918	0.3243	Ave		0.3509				17.1		20.0			
Chlorobromomethane	+++++ 0.1432	+++++ 0.1264	0.1513 0.1309	0.1383	0.1386	Ave		0.1381				6.4		20.0			
Methacrylonitrile	+++++ 0.0695	+++++ 0.0614	0.0623 0.0615	0.0640	0.0713	Ave		0.0650				6.7		20.0			
Chloroform	+++++ 0.5076	+++++ 0.4374	0.4837 0.4437	0.4905	0.5204	Ave		0.4806			0.2000	7.0		20.0			
Cyclohexane	+++++ 0.4627	+++++ 0.3587	0.4862 0.3992	0.4386	0.4460	Ave		0.4319			0.1000	10.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-308013-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.4412	+++++ 0.3855	0.3956 0.4001	0.4111	0.4400	Ave		0.4122			0.1000	5.7		20.0			
Carbon tetrachloride	+++++ 0.3820	+++++ 0.3299	0.3922 0.3555	0.3579	0.3700	Ave		0.3646			0.1000	6.0		20.0			
1,1-Dichloropropene	+++++ 0.4056	+++++ 0.3529	0.3813 0.3748	0.4079	0.4057	Ave		0.3880				5.7		20.0			
Isobutyl alcohol	+++++ 2.6052	+++++ 2.6732	3.3481 2.7309	2.6241	2.7707	Ave		2.7920				10.0		20.0			
Isooctane	+++++ 1.0895	+++++ 0.8500	1.0292 0.9735	0.9772	1.0279	Ave		0.9912				8.2		20.0			
Benzene	+++++ 1.6899	+++++ 1.4810	1.5364 1.4223	1.6753	1.7641	Ave		1.5949			0.5000	8.4		20.0			
Isopropyl acetate	+++++ 0.1086	+++++ 0.0957	0.1255 0.0976	0.1052	0.1104	Ave		0.1071				10.0		20.0			
Tert-amyl methyl ether	+++++ 0.7662	+++++ 0.6640	0.6293 0.6750	0.7288	0.7437	Ave		0.7012				7.6		20.0			
1,2-Dichloroethane	+++++ 0.2858	+++++ 0.2513	0.3222 0.2602	0.2818	0.2947	Ave		0.2827			0.1000	9.0		20.0			
n-Heptane	+++++ 0.0758	+++++ 0.0620	0.1112 0.0698	0.0712	0.0703	Lin2	0.0427	0.0676							0.9940		0.9900
n-Butanol	+++++ 1.6120	+++++ 1.5381	2.5646 1.5984	1.6992	1.8881	QuaF		1.5214	0.0000061						1.0000		0.9900
Trichloroethene	+++++ 0.3033	+++++ 0.2726	0.2965 0.2887	0.2781	0.2944	Ave		0.2889			0.2000	4.0		20.0			
Ethyl acrylate	+++++ 0.0335	+++++ 0.0286	0.0669 0.0327	0.0465	0.0345	QuaF		0.0271	0.0000111						0.9990		0.9900
Methylcyclohexane	+++++ 0.5237	+++++ 0.4219	0.5977 0.4681	0.4831	0.4960	Ave		0.4984			0.1000	11.9		20.0			
1,2-Dichloropropane	+++++ 0.3023	+++++ 0.2711	0.3051 0.2795	0.2789	0.3017	Ave		0.2898			0.1000	5.1		20.0			
Methyl methacrylate	+++++ 0.0479	+++++ 0.0432	0.0553 0.0456	0.0430	0.0452	Ave		0.0467				9.8		20.0			
1,4-Dioxane	+++++ 0.9232	+++++ 1.1938	1.2195 1.2615	1.0280	1.1676	Ave		1.1323				11.4		20.0			
Dibromomethane	+++++ 0.1348	+++++ 0.1198	0.1230 0.1266	0.1291	0.1322	Ave		0.1276				4.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-308013-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.2208	+++++ 0.1916	0.2567 0.2000	0.2256	0.2293	Ave		0.2207				10.5		20.0			
Dichlorobromomethane	+++++ 0.3394	+++++ 0.3086	0.3827 0.3259	0.3237	0.3431	Ave		0.3372			0.2000	7.5		20.0			
2-Nitropropane	+++++ 0.0376	+++++ 0.0335	0.0877 0.0353	0.0556	0.0432	QuaF		0.0333	0.0000020						1.0000		0.9900
2-Chloroethyl vinyl ether	+++++ 0.1244	+++++ 0.1119	0.1437 0.1183	0.1212	0.1268	Ave		0.1244				8.7		20.0			
Epichlorohydrin	0.2565 0.2497	0.4014 0.2281	0.2733 0.2229	0.2538	0.2485	QuaF		0.2347	-0.000001						1.0000		0.9900
cis-1,3-Dichloropropene	+++++ 0.6141	+++++ 0.5578	0.5850 0.5744	0.6095	0.6362	Ave		0.5962			0.2000	4.8		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 1.1439	+++++ 1.0606	1.0534 0.9968	1.0762	1.0654	Ave		1.0661			0.0500	4.4		20.0			
Toluene	+++++ 1.7216	+++++ 1.5096	1.7959 1.4489	1.7205	1.7590	Ave		1.6592			0.4000	8.6		20.0			
trans-1,3-Dichloropropene	+++++ 0.4695	+++++ 0.4254	0.4429 0.4430	0.4666	0.4922	Ave		0.4566			0.1000	5.3		20.0			
Ethyl methacrylate	+++++ 0.3867	+++++ 0.3453	0.4105 0.3536	0.3875	0.4000	Ave		0.3806				6.8		20.0			
1,1,2-Trichloroethane	+++++ 0.2297	+++++ 0.2081	0.1762 0.2185	0.2245	0.2395	Ave		0.2161			0.1000	10.3		20.0			
Tetrachloroethene	+++++ 0.4247	+++++ 0.3840	0.4089 0.4045	0.3908	0.4061	Ave		0.4032			0.2000	3.6		20.0			
1,3-Dichloropropane	+++++ 0.4395	+++++ 0.4022	0.4118 0.4193	0.4403	0.4633	Ave		0.4294				5.2		20.0			
2-Hexanone	+++++ 1.6219	+++++ 1.6586	1.7260 1.5208	1.5848	1.5880	Ave		1.6167			0.0500	4.4		20.0			
n-Butyl acetate	+++++ 0.3602	+++++ 0.3178	0.4063 0.3236	0.3860	0.3870	Ave		0.3635				10.0		20.0			
Chlorodibromomethane	+++++ 0.3146	+++++ 0.2889	0.3323 0.3021	0.3021	0.3129	Ave		0.3088			0.1000	4.8		20.0			
Ethylene Dibromide	+++++ 0.2473	+++++ 0.2222	0.2783 0.2343	0.2411	0.2407	Ave		0.2440			0.1000	7.7		20.0			
Chlorobenzene	+++++ 1.0661	+++++ 0.9573	0.8795 0.9641	1.0053	1.0552	Ave		0.9879			0.5000	7.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-308013-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.5976	+++++ 0.5315	0.5340 0.5359	0.5514	0.6053	Ave		0.5593			0.1000	6.0		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3985	+++++ 0.3586	0.4320 0.3660	0.3881	0.3990	Ave		0.3904				6.8		20.0			
m-Xylene & p-Xylene	+++++ 0.7366	+++++ 0.6562	0.6433 0.6620	0.6790	0.7533	Ave		0.6884			0.1000	6.6		20.0			
n-Butyl acrylate	+++++ 0.2487	+++++ 0.2088	0.2293 0.2019	0.2330	0.2520	Ave		0.2289				8.9		20.0			
o-Xylene	+++++ 0.7407	+++++ 0.6564	0.7316 0.6397	0.7306	0.7631	Ave		0.7103			0.3000	7.0		20.0			
Styrene	+++++ 1.1813	+++++ 1.0355	1.1884 0.9955	1.1221	1.2046	Ave		1.1212			0.3000	7.8		20.0			
Amyl acetate (mixed isomers)	+++++ 0.9557	+++++ 0.8482	0.9800 0.7991	1.0568	1.0448	Ave		0.9474				11.0		20.0			
Bromoform	+++++ 0.1929	+++++ 0.1778	0.1947 0.1846	0.1852	0.1882	Ave		0.1872			0.1000	3.3		20.0			
Isopropylbenzene	+++++ 1.7412	+++++ 1.5093	1.6610 1.4327	1.6780	1.7728	Ave		1.6325			0.1000	8.2		20.0			
Bromobenzene	+++++ 0.8453	+++++ 0.8018	0.8199 0.8031	0.8021	0.8335	Ave		0.8176				2.3		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.5757	+++++ 0.5229	0.5457 0.5342	0.5749	0.6110	Ave		0.5607			0.3000	5.8		20.0			
N-Propylbenzene	+++++ 4.3305	+++++ 3.8032	3.9479 3.3866	4.3651	4.5602	Ave		4.0656				10.7		20.0			
1,2,3-Trichloropropane	+++++ 0.1410	+++++ 0.1339	0.2144 0.1368	0.1525	0.1493	Ave		0.1547				19.5		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1352	+++++ 0.1260	0.1005 0.1289	0.1266	0.1471	Ave		0.1274				12.0		20.0			
2-Chlorotoluene	+++++ 2.9321	+++++ 2.6334	2.7865 2.4716	2.9855	3.0573	Ave		2.8111				8.0		20.0			
4-Ethyltoluene	+++++ 3.5874	+++++ 3.1902	3.2414 2.8876	3.5766	3.7468	Ave		3.3717				9.5		20.0			
1,3,5-Trimethylbenzene	+++++ 3.0535	+++++ 2.7713	2.6972 2.5591	2.9378	3.1517	Ave		2.8618				7.9		20.0			
4-Chlorotoluene	+++++ 2.6013	+++++ 2.3862	2.4295 2.2188	2.6803	2.7691	Ave		2.5142				8.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-308013-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 1.0798	+++++ 0.9730	0.9191 0.9241	0.9882	1.0681	Ave		0.9921				7.0		20.0			
tert-Butylbenzene	+++++ 2.5227	+++++ 2.3490	2.0673 2.2493	2.3170	2.5269	Ave		2.3387				7.4		20.0			
1,2,4-Trimethylbenzene	+++++ 3.1631	+++++ 2.7999	2.9632 2.5404	3.0781	3.2882	Ave		2.9721				9.1		20.0			
sec-Butylbenzene	+++++ 3.9628	+++++ 3.4855	3.7619 3.1206	3.7768	4.0342	Ave		3.6903				9.2		20.0			
1,3-Dichlorobenzene	+++++ 1.6602	+++++ 1.5198	1.6217 1.4017	1.6539	1.6778	Ave		1.5892			0.6000	6.8		20.0			
4-Isopropyltoluene	+++++ 3.4015	+++++ 3.0084	3.1523 2.6632	3.2486	3.4704	Ave		3.1574				9.3		20.0			
1,4-Dichlorobenzene	+++++ 1.6213	+++++ 1.4985	1.4392 1.4410	1.6024	1.6383	Ave		1.5401			0.5000	5.9		20.0			
1,2,3-Trimethylbenzene	+++++ 3.2545	+++++ 2.9692	3.0594 2.6419	3.1872	3.3942	Ave		3.0844				8.5		20.0			
Benzyl chloride	+++++ 1.2011	+++++ 1.0993	1.2123 1.0707	1.2952	1.2729	Ave		1.1919				7.6		20.0			
Indan	+++++ 2.9353	+++++ 2.6256	2.7761 2.3217	2.8992	3.0772	Ave		2.7725				9.7		20.0			
p-Diethylbenzene	+++++ 2.1157	+++++ 1.8664	1.9746 1.7204	2.1064	2.1765	Ave		1.9933				8.8		20.0			
n-Butylbenzene	+++++ 1.7728	+++++ 1.5558	1.6428 1.4456	1.8129	1.8423	Ave		1.6787				9.4		20.0			
1,2-Dichlorobenzene	+++++ 1.5302	+++++ 1.3990	1.4819 1.3439	1.4736	1.5702	Ave		1.4665			0.4000	5.7		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 3.2465	+++++ 2.8619	2.8055 2.5405	3.0985	3.3195	Ave		2.9787				9.9		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0848	+++++ 0.0785	0.0940 0.0842	0.1052	0.0899	Ave		0.0894			0.0500	10.5		20.0			
1,3,5-Trichlorobenzene	+++++ 1.4402	+++++ 1.3615	1.2781 1.3159	1.3572	1.4510	Ave		1.3673				5.0		20.0			
1,2,4-Trichlorobenzene	+++++ 1.1466	+++++ 1.0679	1.1767 1.0610	1.0554	1.1340	Ave		1.1069			0.2000	4.7		20.0			
Hexachlorobutadiene	+++++ 0.7207	+++++ 0.6950	0.6916 0.7540	0.6512	0.7115	Ave		0.7040				4.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-308013-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.7185	+++++ 1.5308	1.5764 1.5486	1.5586	1.7349	Ave		1.6113				5.6		20.0			
1,2,3-Trichlorobenzene	+++++ 0.8944	+++++ 0.8159	0.9718 0.8482	0.8083	0.8807	Ave		0.8699				6.9		20.0			
Dibromofluoromethane (Surr)	0.2407 0.2463	+++++ 0.2455	0.2446 0.2382	0.2448	0.2436	Ave		0.2434				1.2		20.0			
1,2-Dichloroethane-d4 (Surr)	+++++ 0.2299	+++++ 0.2285	0.2277 0.2521	0.2306	0.2347	Ave		0.2339				3.9		20.0			
Toluene-d8 (Surr)	1.3446 1.3218	+++++ 1.3142	1.3314 1.3113	1.3634	1.3558	Ave		1.3346				1.5		20.0			
4-Bromofluorobenzene	0.4126 0.4140	+++++ 0.4166	0.4066 0.4200	0.4061	0.4082	Ave		0.4120				1.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-308013-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-973787/3	TT80099.D
Level 2	STD05 460-973787/4	TT80100.D
Level 3	STD1 460-973787/5	TT80101.D
Level 4	STD5 460-973787/6	TT80102.D
Level 5	STD20 460-973787/7	TT80103.D
Level 6	STD50 460-973787/8	TT80104.D
Level 7	STD200 460-973787/9	TT80105.D
Level 8	STD500 460-973787/10	TT80106.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 78361	+++++ 254802	1788 761913	7000	22525	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 250137	+++++ 868625	3952 2536675	20917	83858	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 37832	+++++ 130864	580 372959	3952	13249	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 221747	+++++ 775997	4087 2042026	23366	93842	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1273 191438	1862 608979	3322 1634197	18521	76321	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 213222	+++++ 725217	3525 1879320	21668	88204	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 129728	+++++ 457684	2564 1049635	13594	58415	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 115242	+++++ 400345	1999 981690	13227	48874	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 386293	+++++ 1475479	6762 3645800	35353	147674	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 264463	+++++ 932770	4922 2522369	22673	90999	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Pentane	FB	Ave	+++++ 70472	+++++ 192436	1671 558025	7153	27372	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Ethanol	TBAd9	Ave	+++++ 20858	+++++ 72207	+++++ 205231	2579	8447	+++++ 2000	+++++ 8000	+++++ 20000	200	800
Ethyl ether	FB	Ave	+++++ 87863	+++++ 323402	2386 842860	9005	36675	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 172175	+++++ 542369	3932 1461538	18589	69170	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 179551	+++++ 646312	3664 1766432	16940	60831	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-308013-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 284333	+++++ 1010752	5102 2725056	27665	98163	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	+++++ 34787	+++++ 72477	1968 144588	8718	15747	+++++ 100	+++++ 200	4.00 400	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 180338	+++++ 585658	3848 1694592	17483	67163	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	+++++ 183079	+++++ 639145	3130 1730902	18411	70813	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 122005	+++++ 698136	2991 1823304	14344	51285	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	+++++ 341528	+++++ 1221860	6178 3201305	30357	131648	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 55353	+++++ 185192	1367 521934	6043	23462	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	+++++ 696139	+++++ 2259637	14088 5871595	70295	283462	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 124096	+++++ 418594	2583 1148773	10669	49576	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 135402	+++++ 461505	3484 1254644	14850	59547	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 412789	+++++ 1283437	9030 3455349	40544	167258	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetonitrile	BUT	Ave	+++++ 127234	+++++ 416486	1930 1292894	12455	59796	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 200527	+++++ 716849	3928 1866777	19474	79649	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 94986	740 329886	1926 923519	9911	39331	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	+++++ 415102	+++++ 1549751	7899 4041928	42824	166074	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 198564	+++++ 704897	4083 1862270	19577	78978	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	1932 356363	3826 1252702	7199 3382444	36387	150672	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 254996	+++++ 773874	5675 2184728	25894	98814	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 574436	+++++ 2056213	12882 5136609	62027	249315	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 334357	+++++ 1196724	6191 3045189	34089	141436	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-308013-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Vinyl acetate	BUT	Ave	+++++ 48947	+++++ 173608	1026 477462	5212	21448	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 164425	+++++ 586216	3679 1564626	16209	64229	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 517224	+++++ 1922015	9802 4936381	51650	213469	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 66874	+++++ 245179	1561 641614	7270	26973	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 203967	+++++ 747404	4340 1942933	20820	79837	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	+++++ 50816	+++++ 220610	1274 584090	5494	21102	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 22340	+++++ 85470	598 227631	2843	9565	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 87260	+++++ 317810	1389 853268	10369	36885	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Propionitrile	TBAd9	Ave	+++++ 124762	+++++ 447321	2974 1197665	13060	51836	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Tetrahydrofuran	BUT	Ave	+++++ 23073	+++++ 81943	643 221414	2849	9343	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Chlorobromomethane	FB	Ave	+++++ 85275	+++++ 311569	1918 821169	8619	32865	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	+++++ 414065	+++++ 1512991	7903 3855622	39899	169187	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 302200	+++++ 1078472	6132 2783493	30559	123395	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 275494	+++++ 884355	6164 2503790	27328	105762	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 262649	+++++ 950301	5015 2509962	25613	104326	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 227434	+++++ 813251	4972 2229799	22297	87741	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 241480	+++++ 870081	4834 2351333	25412	96206	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 94129	+++++ 374629	2346 1054846	9763	39146	+++++ 1250	+++++ 5000	25.0 12500	125	500
Isooctane	FB	Ave	+++++ 648638	+++++ 2095475	13049 6106858	60879	243743	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 725456	+++++ 2619903	13960 6504140	72188	292377	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-308013-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Isopropyl acetate	FB	Ave	+++++ 64649	+++++ 235934	1591 611965	6552	26175	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 456189	+++++ 1637072	7978 4234440	45408	176351	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 170143	+++++ 619642	4085 1632315	17557	69886	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Heptane	FB	Lin2	+++++ 45156	+++++ 152846	1410 437661	4437	16675	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	QuaF	+++++ 58242	+++++ 215555	1797 617421	6322	26676	+++++ 1250	+++++ 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 180554	+++++ 672108	3759 1811225	17324	69805	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	QuaF	+++++ 19960	+++++ 70597	848 205054	2898	8181	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 311783	+++++ 1040088	7578 2936553	30097	117608	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 179967	+++++ 668369	3868 1753273	17374	71536	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 57088	+++++ 213113	1402 572672	5353	21449	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 19808	+++++ 67773	1143 192132	1847	7662	+++++ 1000	+++++ 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	+++++ 80232	+++++ 295469	1560 794329	8040	31348	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 131452	+++++ 472450	3255 1254570	14057	54377	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	+++++ 202081	+++++ 760800	4852 2044127	20169	81359	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Nitropropane	FB	QuaF	+++++ 44714	+++++ 165278	2223 443104	6932	20504	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 74229	+++++ 276616	1826 744007	7569	30139	+++++ 50.1	+++++ 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	QuaF	893 169992	2552 614260	3890 1676729	18455	71598	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 263613	+++++ 986731	5315 2626610	26264	105439	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 194660	+++++ 713989	3748 1875013	19562	76738	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++	+++++	16317	74134	291519	+++++	+++++	1.00	5.00	20.0

Lab Name: Eurofins Edison | Job No.: 460-308013-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			739073	2670411	6625998			50.0	200	500		
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 201534	+++++ 752521	4024 2025876	20105	81580	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZd5	Ave	+++++ 166002	+++++ 610866	3730 1617131	16696	66295	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 98587	+++++ 368107	1601 999296	9672	39692	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Ave	+++++ 182300	+++++ 679271	3715 1849974	16841	67302	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 188654	+++++ 711534	3742 1917384	18971	76782	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 276015	+++++ 1116551	6141 2860509	28807	114385	+++++ 250	+++++ 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd5	Ave	+++++ 154617	+++++ 562106	3692 1479749	16633	64147	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBNZd5	Ave	+++++ 135038	+++++ 511129	3019 1381577	13017	51865	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZd5	Ave	+++++ 106157	+++++ 393117	2529 1071250	10388	39892	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 457685	+++++ 1693511	7991 4408733	43316	174882	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 256533	+++++ 940303	4852 2450514	23761	100322	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 171086	+++++ 634398	3925 1673911	16724	66124	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 316230	+++++ 1160874	5845 3027611	29258	124851	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZd5	Ave	+++++ 106772	+++++ 369385	2083 923488	10039	41763	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-308013-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
o-Xylene	CBNZd5	Ave	+++++ 317959	+++++ 1161248	6647 2925234	31480	126476	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Styrene	CBNZd5	Ave	+++++ 507099	+++++ 1831815	10798 4552372	48351	199650	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 212924	+++++ 749111	4543 1844924	22938	88216	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromoform	CBNZd5	Ave	+++++ 82815	+++++ 314589	1769 844210	7982	31192	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 747491	+++++ 2669908	15092 6551690	72302	293809	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 188338	+++++ 708143	3801 1854059	17409	70376	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 128264	+++++ 461798	2530 1233353	12479	51592	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 964825	+++++ 3358999	18302 7818825	94746	385040	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 31406	+++++ 118293	994 315952	3311	12607	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 30131	+++++ 111290	466 297706	2749	12423	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 653264	+++++ 2325815	12918 5706464	64801	258149	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 799273	+++++ 2817521	15027 6666791	77631	316367	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 680321	+++++ 2447597	12504 5908304	63766	266113	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 579575	+++++ 2107458	11263 5122715	58177	233811	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd4	Ave	+++++ 240569	+++++ 859382	4261 2133473	21450	90188	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 562056	+++++ 2074623	9584 5193005	50291	213363	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 704733	+++++ 2472840	13737 5865302	66812	277639	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 882913	+++++ 3078337	17440 7204760	81978	340634	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 369894	+++++ 1342276	7518 3236282	35899	141663	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-308013-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Isopropyltoluene	DCBd4	Ave	+++++ 757860	+++++ 2656988	14614 6148812	70513	293026	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 361229	+++++ 1323465	6672 3326961	34780	138333	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 725100	+++++ 2622376	14183 6099591	69180	286595	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 267613	+++++ 970862	5620 2472073	28112	107482	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 653993	+++++ 2318950	12870 5360169	62928	259823	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 471376	+++++ 1648364	9154 3971987	45721	183771	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 394975	+++++ 1374079	7616 3337561	39350	155558	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 340921	+++++ 1235592	6870 3102665	31986	132584	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 723310	+++++ 2527593	13006 5865373	67254	280281	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 18902	+++++ 69305	436 194374	2283	7589	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 320881	+++++ 1202447	5925 3038057	29459	122512	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 255452	+++++ 943201	5455 2449603	22909	95754	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 160574	+++++ 613778	3206 1740835	14135	60073	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	+++++ 382888	+++++ 1352002	7308 3575259	33830	146487	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 199270	+++++ 720588	4505 1958333	17545	74361	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	150182 146633	+++++ 151297	155052 149443	152539	144383	50.0 50.0	+++++ 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	+++++ 136849	+++++ 140863	144362 158143	143643	139122	+++++ 50.0	+++++ 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	584585 567438	+++++ 581188	604854 599669	587472	561750	50.0 50.0	+++++ 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	179396 177733	+++++ 184255	184695 192076	174965	169111	50.0 50.0	+++++ 50.0	50.0 50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-308013-1 | Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 | Calibration End Date: 05/09/2024 10:46 | Calibration ID: 97130

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-308013-1 Analy Batch No.: 973787

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2024 08:29 Calibration End Date: 05/09/2024 10:46 Calibration ID: 97130

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-973787/3	TT80099.D
Level 2	STD05 460-973787/4	TT80100.D
Level 3	STD1 460-973787/5	TT80101.D
Level 4	STD5 460-973787/6	TT80102.D
Level 5	STD20 460-973787/7	TT80103.D
Level 6	STD50 460-973787/8	TT80104.D
Level 7	STD200 460-973787/9	TT80105.D
Level 8	STD500 460-973787/10	TT80106.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
n-Heptane	+++++	+++++	1.2						30			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 09-May-2024 08:29:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0175641-003
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:56:11 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 09:08:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.622	1.641	-0.019	42	1273	0.2500	0.3354	Ma
* 31 TBA-d9 (IS)	66	2.951	2.951	0.000	0	30903	1000.0	1000.0	
35 Acrylonitrile	53	3.207	3.201	0.006	45	1932	2.00	2.55	
* 42 2-Butanone-d5	46	3.981	3.982	-0.001	0	174094	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	150182	50.0	49.5	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	623873	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.743	5.731	0.012	0	20033	1000.0	1000.0	
80 Epichlorohydrin	57	6.402	6.396	0.006	46	893	5.00	5.47	M
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	584585	50.0	50.4	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	86	434751	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.925	9.919	0.006	95	179396	50.0	50.1	
* 121 1,4-Dichlorobenzene-d4	152	11.072	11.072	0.000	96	226408	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00018	Amount Added:	0.00	Units: uL	
ACROLEIN W_00169	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	0.00	Units: uL	
14DIOXINTER_00168	Amount Added:	0.00	Units: uL	
GASES Li_00582	Amount Added:	2.50	Units: uL	
V7FreonSS_00001	Amount Added:	0.00	Units: uL	
	Amount Added:	2.00	Units: uL	
Ethanol mix_00089	Amount Added:	0.00	Units: uL	
MIX I Hi_00176	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00149	Amount Added:	0.00	Units: uL	
GAS Hi_00469	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00124	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:56:13 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D

Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17

Lims ID: STD8

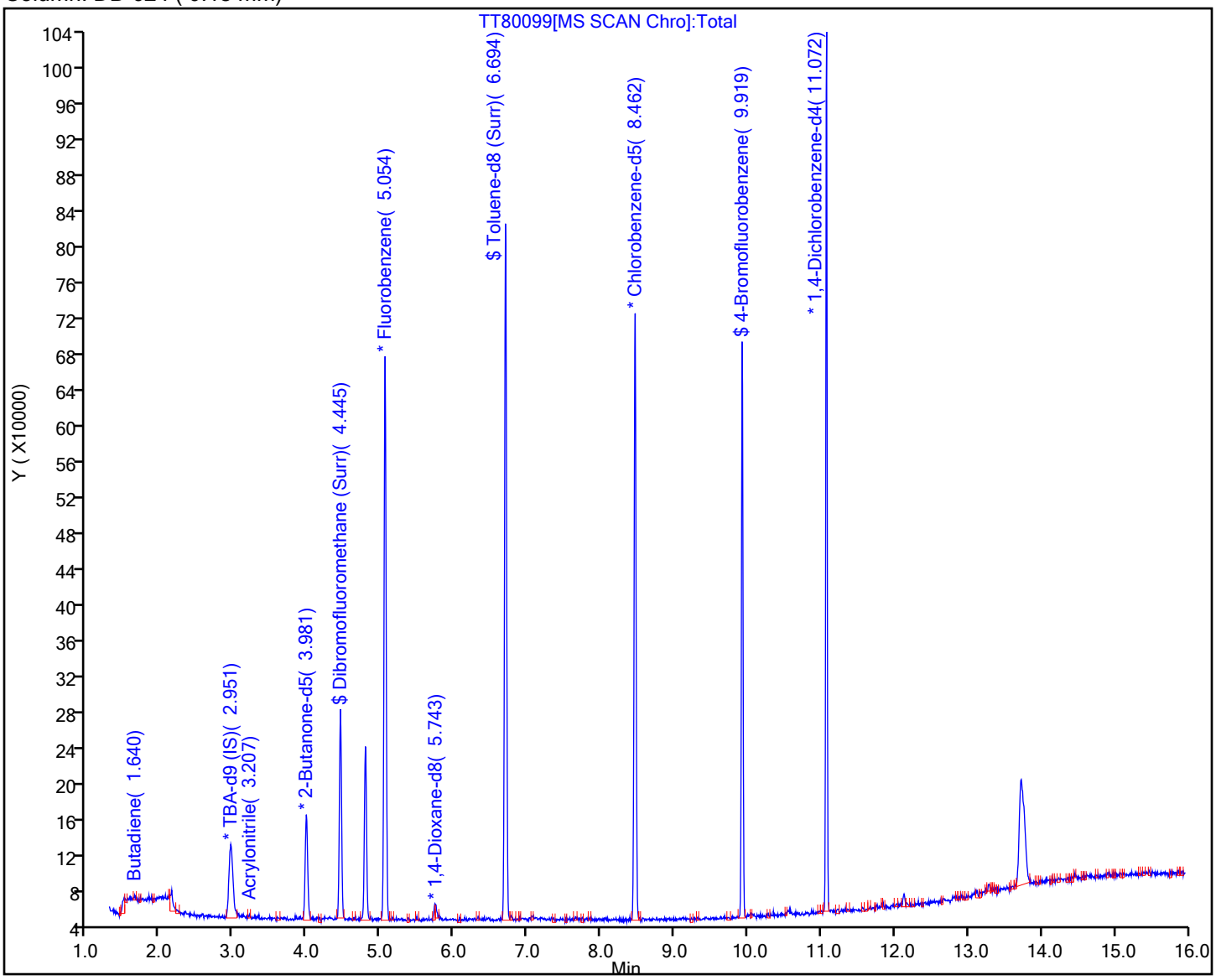
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

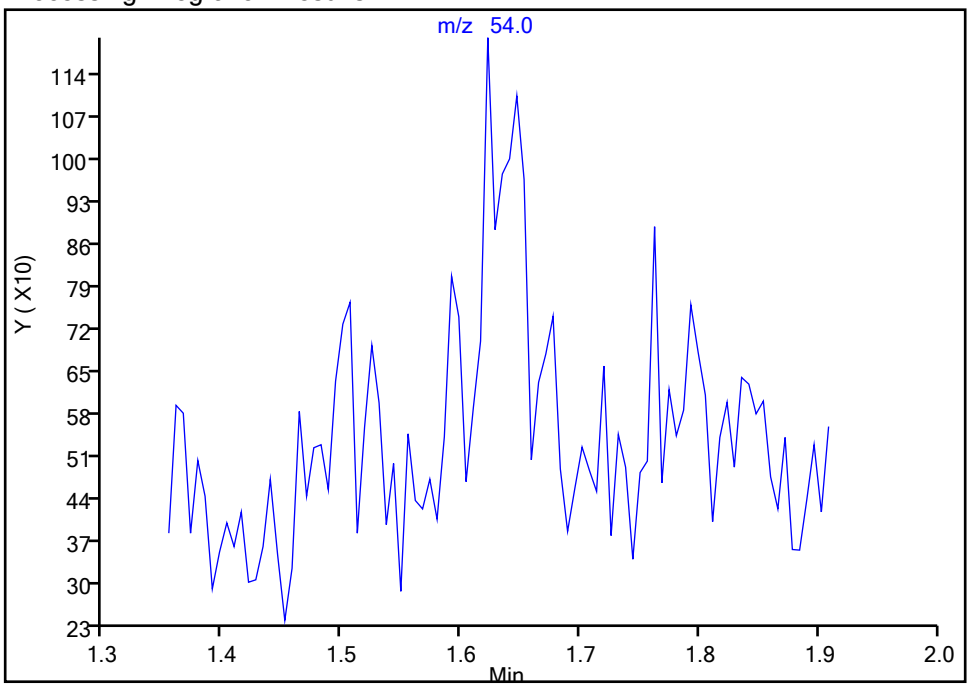
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

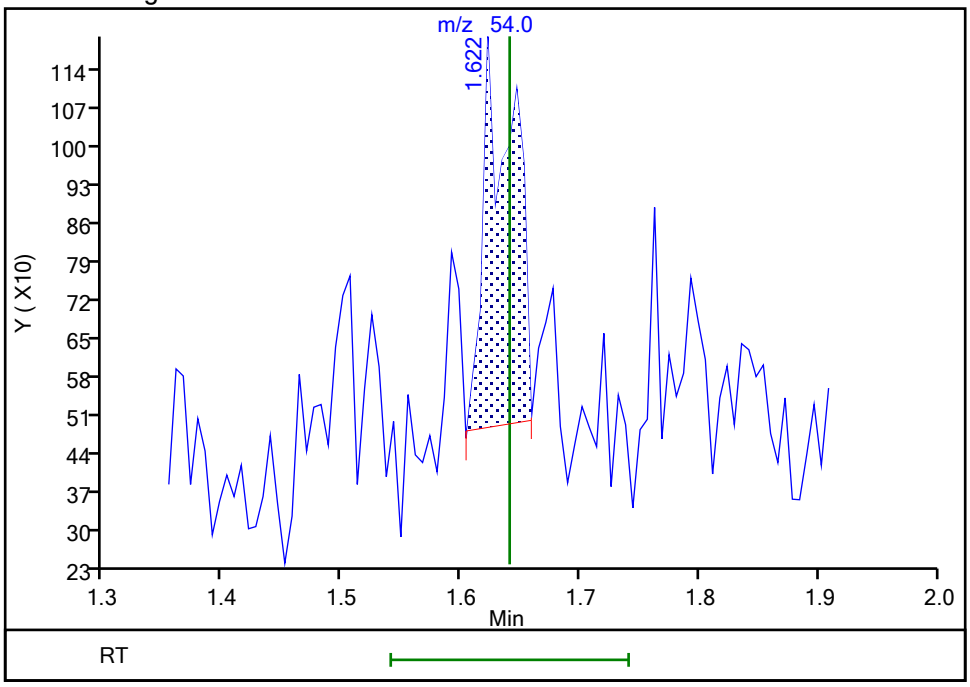
Not Detected
Expected RT: 1.64

Processing Integration Results



Manual Integration Results

RT: 1.62
Area: 1273
Amount: 0.335414
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 09:07:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

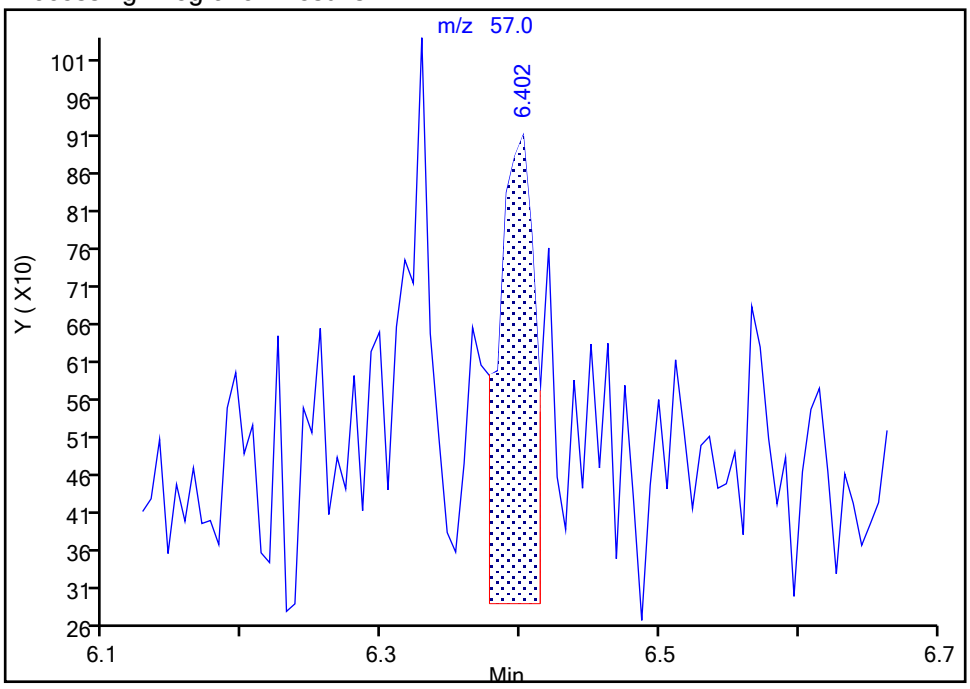
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

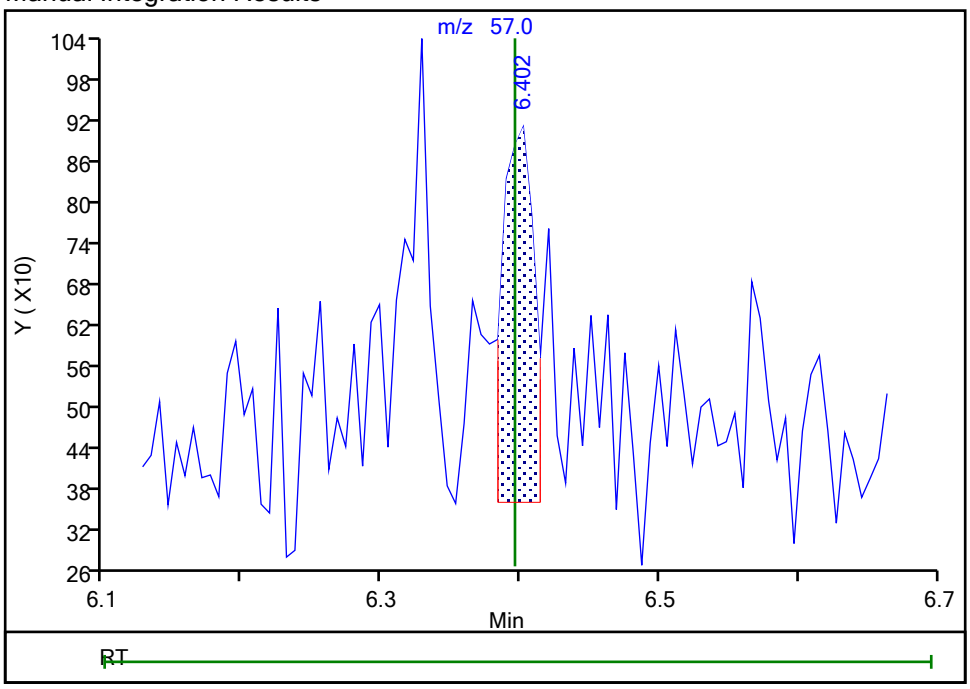
Processing Integration Results

RT: 6.40
Area: 1155
Amount: 6.548859
Amount Units: ug/l



Manual Integration Results

RT: 6.40
Area: 893
Amount: 5.465095
Amount Units: ug/l



Reviewer: W9CM, 10-May-2024 20:43:07 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

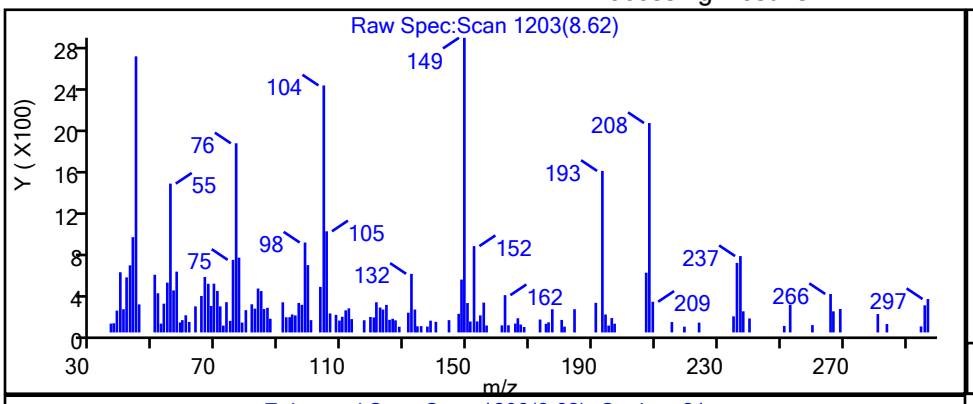
User Disabled Compound Report

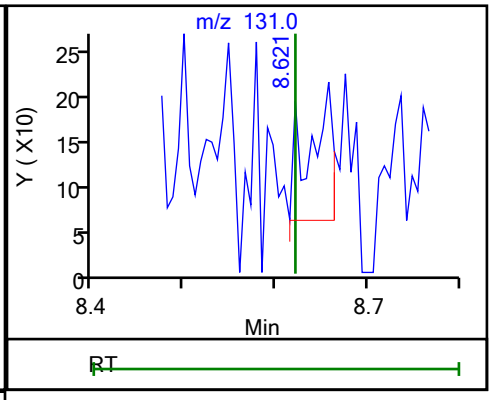
Eurofins Edison

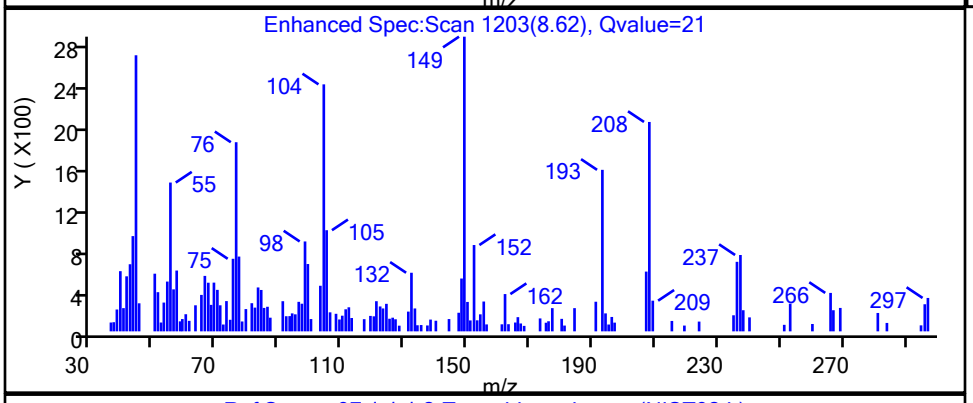
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

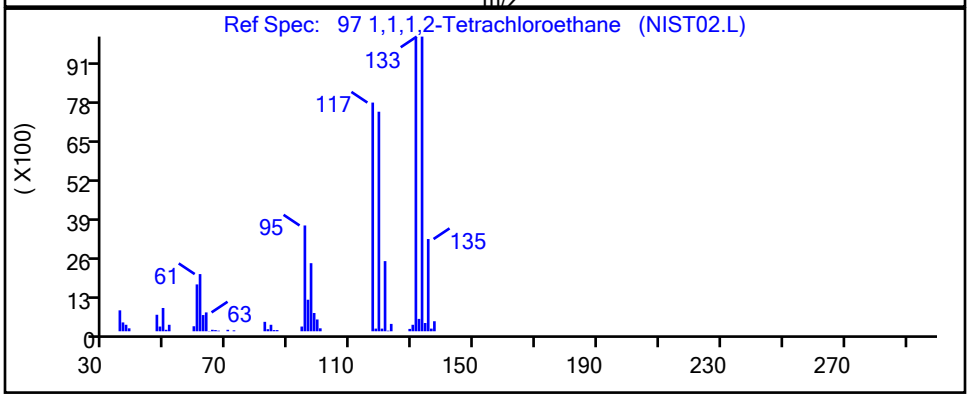
97 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results









RT	Mass	Response	Amount
8.62	131.00	258	0.078909

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

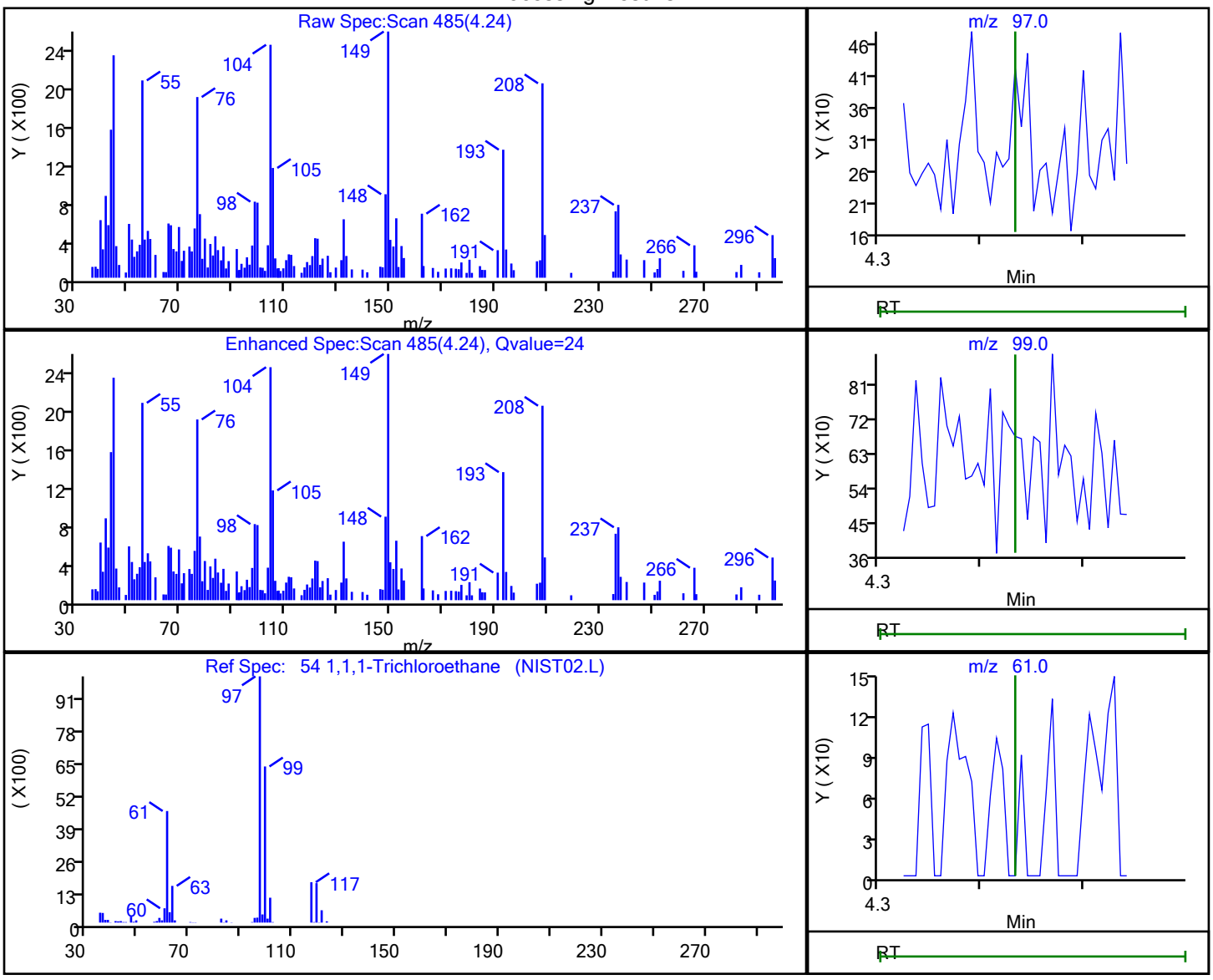
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

54 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
4.24	97.00	189	0.032179
4.23	99.00	843	
4.25	61.00	156	

Reviewer: FK2C, 09-May-2024 09:06:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

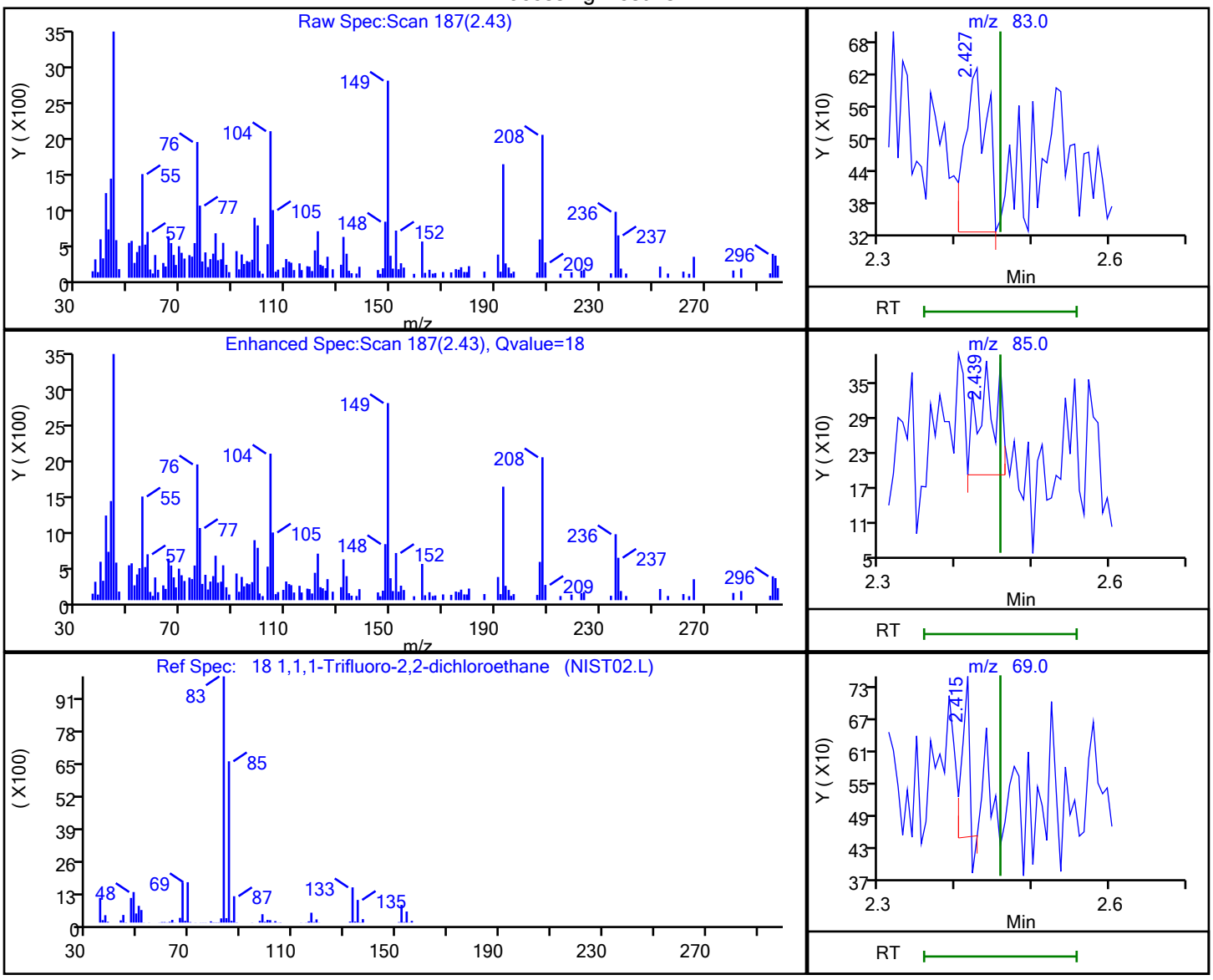
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.43	83.00	596	0.121715
2.44	85.00	327	
2.41	69.00	178	
2.42	67.00	535	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

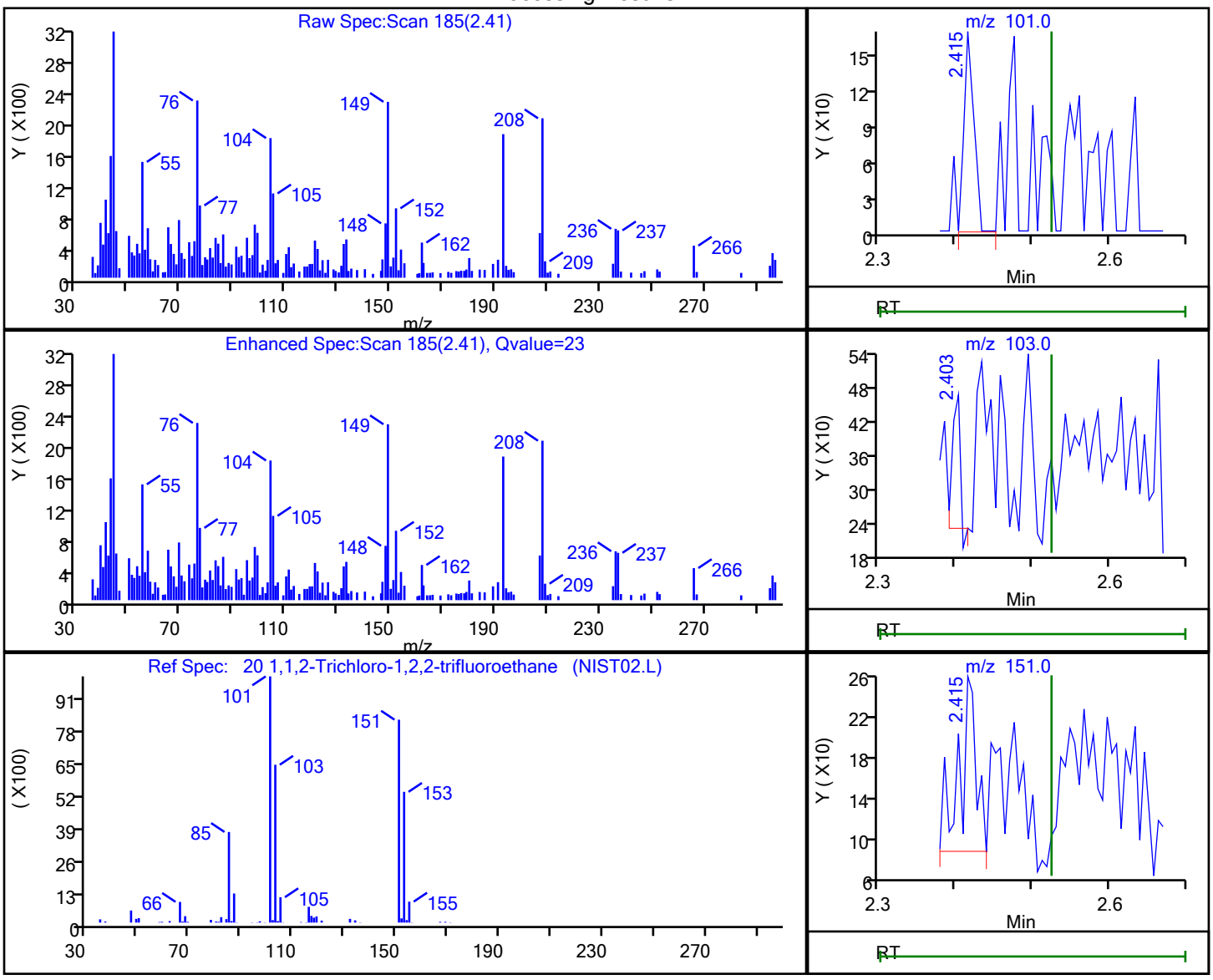
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
2.41	101.00	150	0.047719
2.40	103.00	156	
2.41	151.00	264	
2.40	85.00	188	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

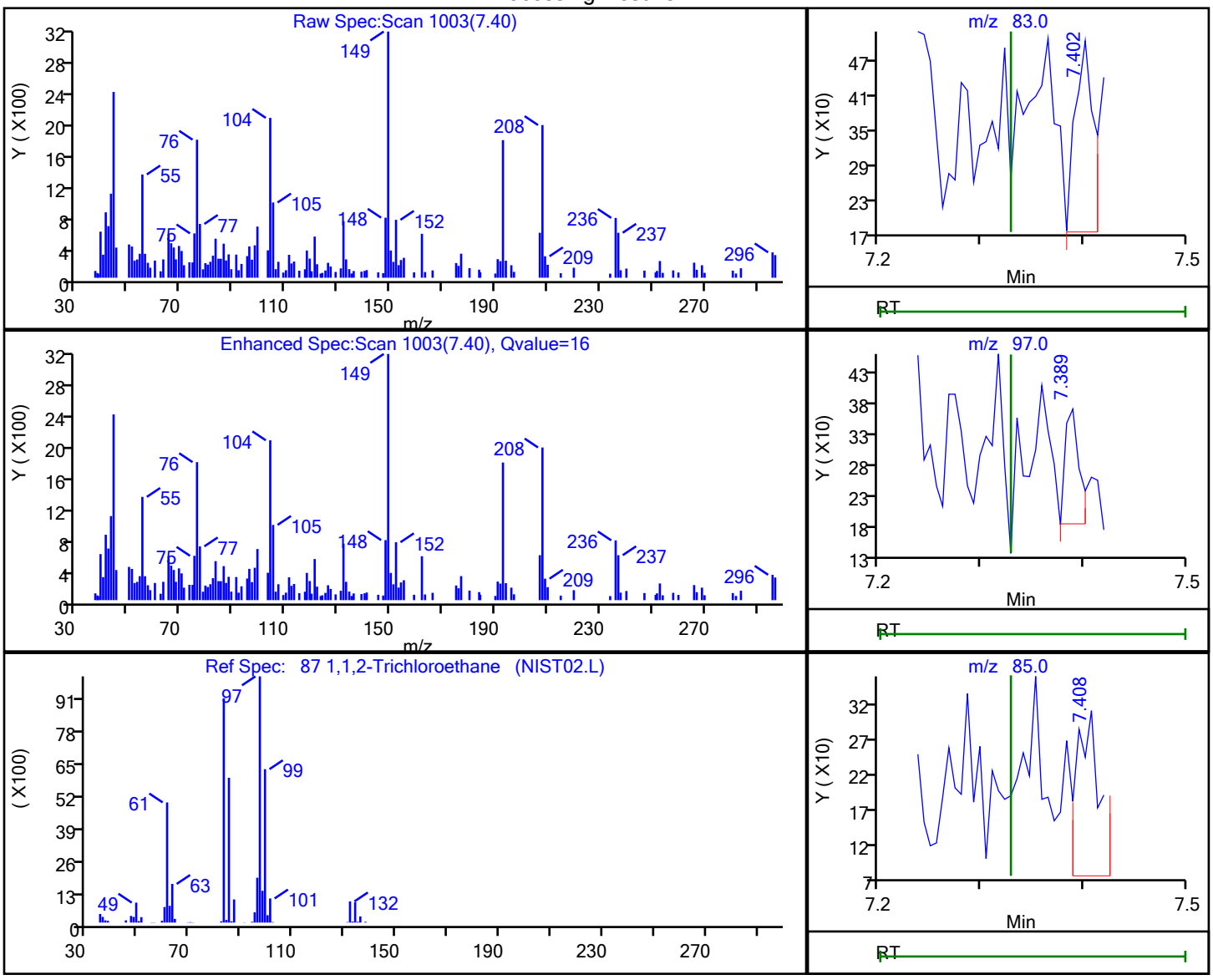
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.40	83.00	414	0.269210
7.39	97.00	182	
7.41	85.00	334	

Reviewer: FK2C, 09-May-2024 09:07:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

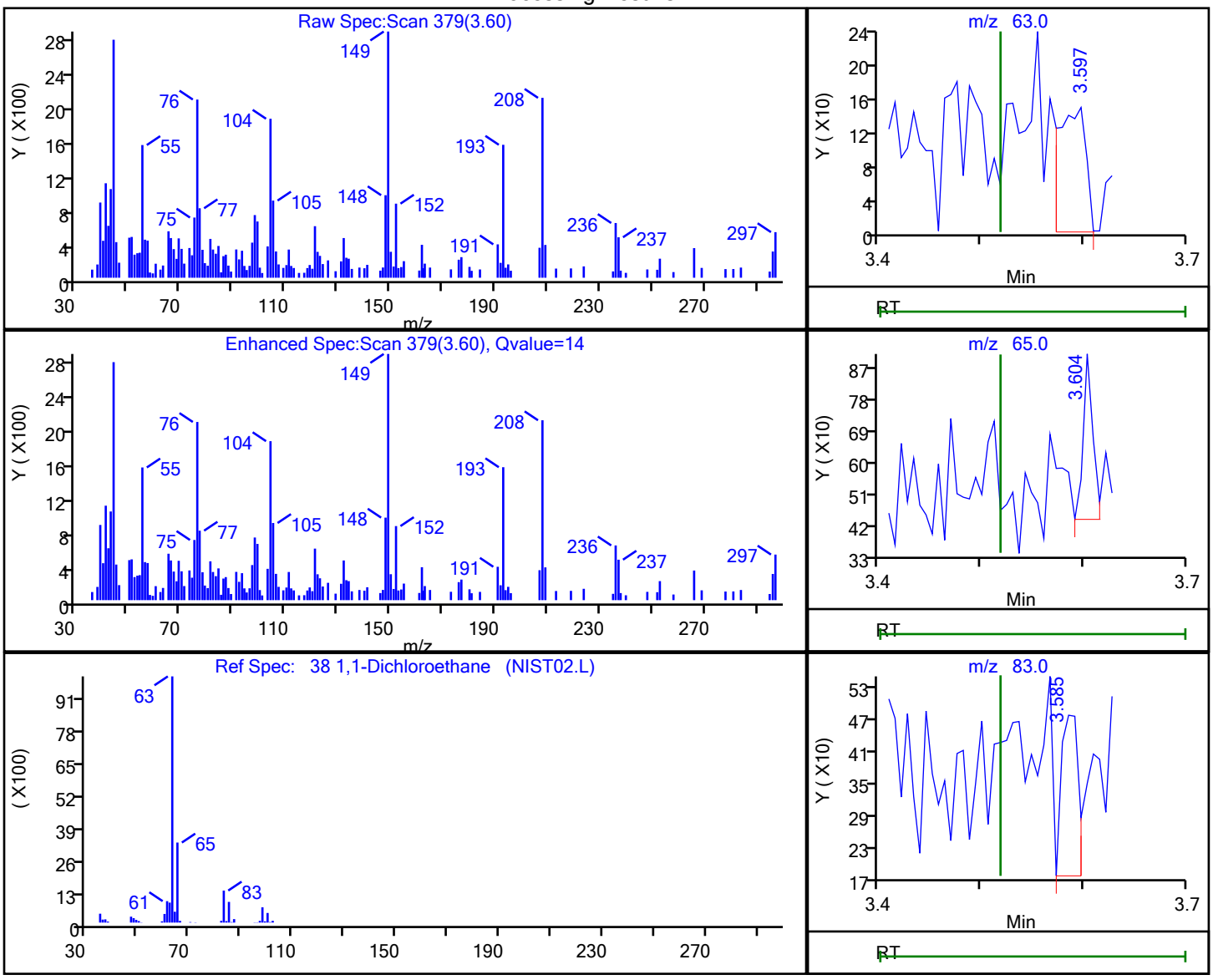
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.60	63.00	266	0.046305
3.60	65.00	317	
3.59	83.00	357	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

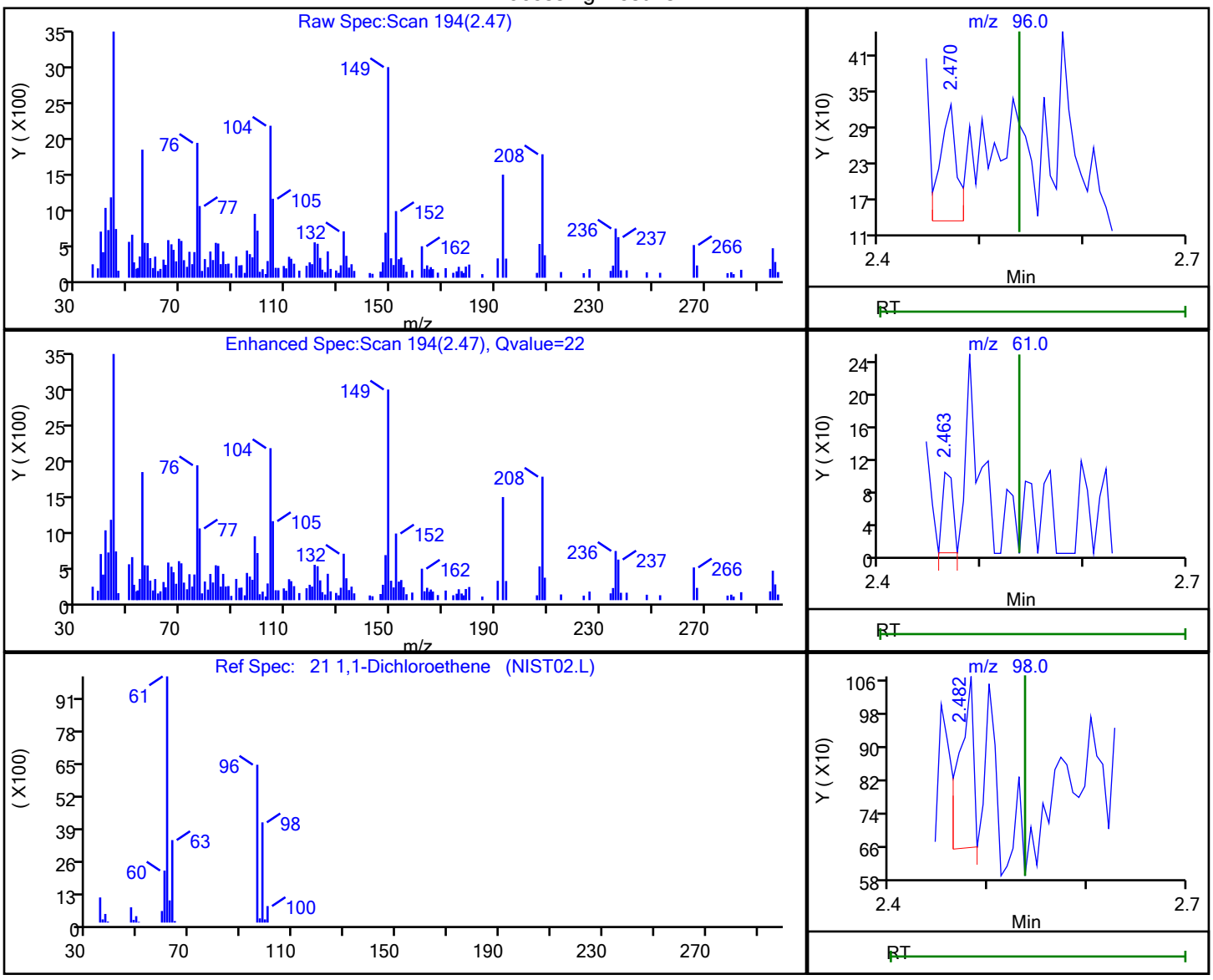
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.47	96.00	217	0.063484
2.46	61.00	71	
2.48	98.00	395	
2.46	63.00	255	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

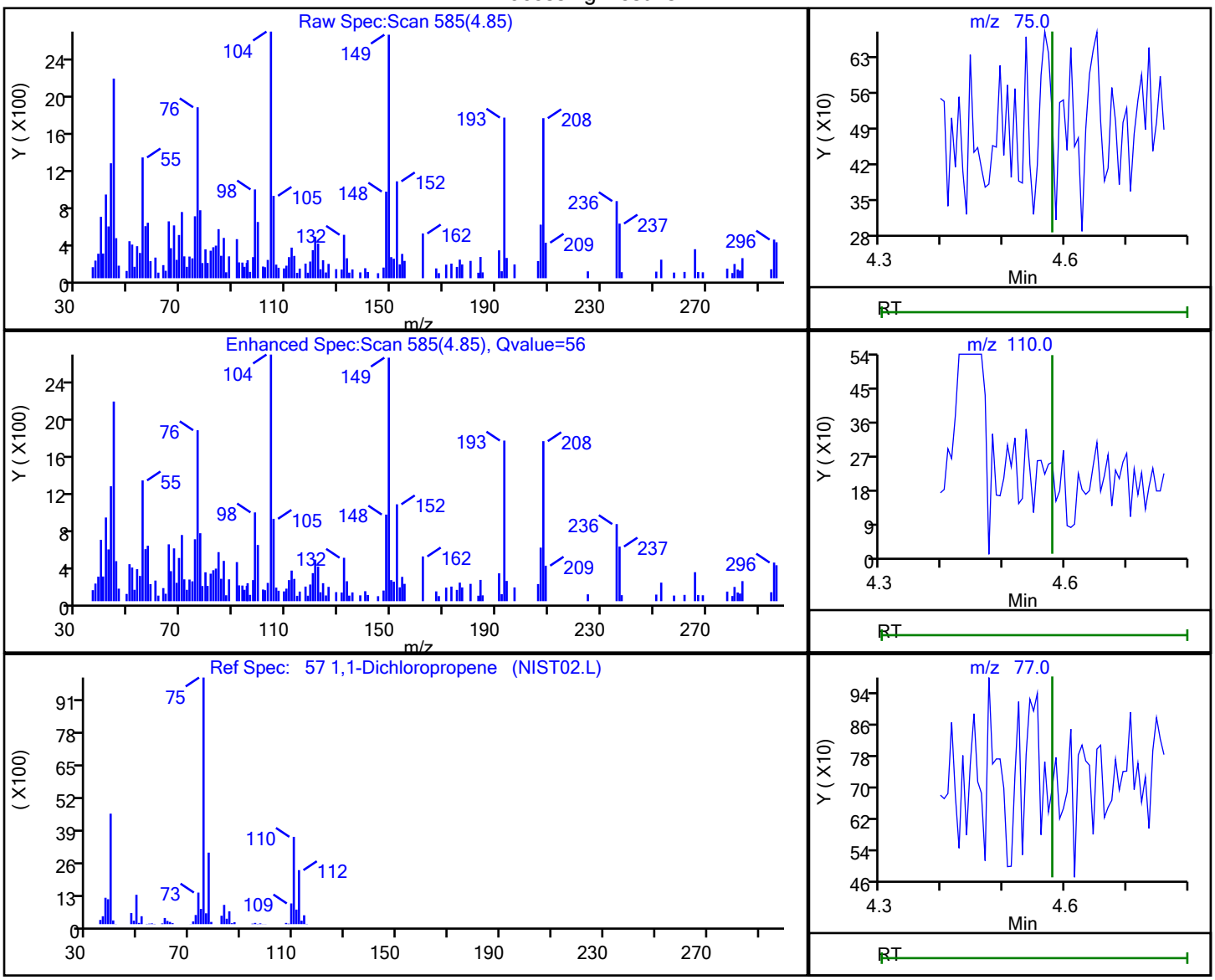
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.85	75.00	352	0.074657
4.87	110.00	225	
4.85	77.00	686	

Reviewer: FK2C, 09-May-2024 09:06:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

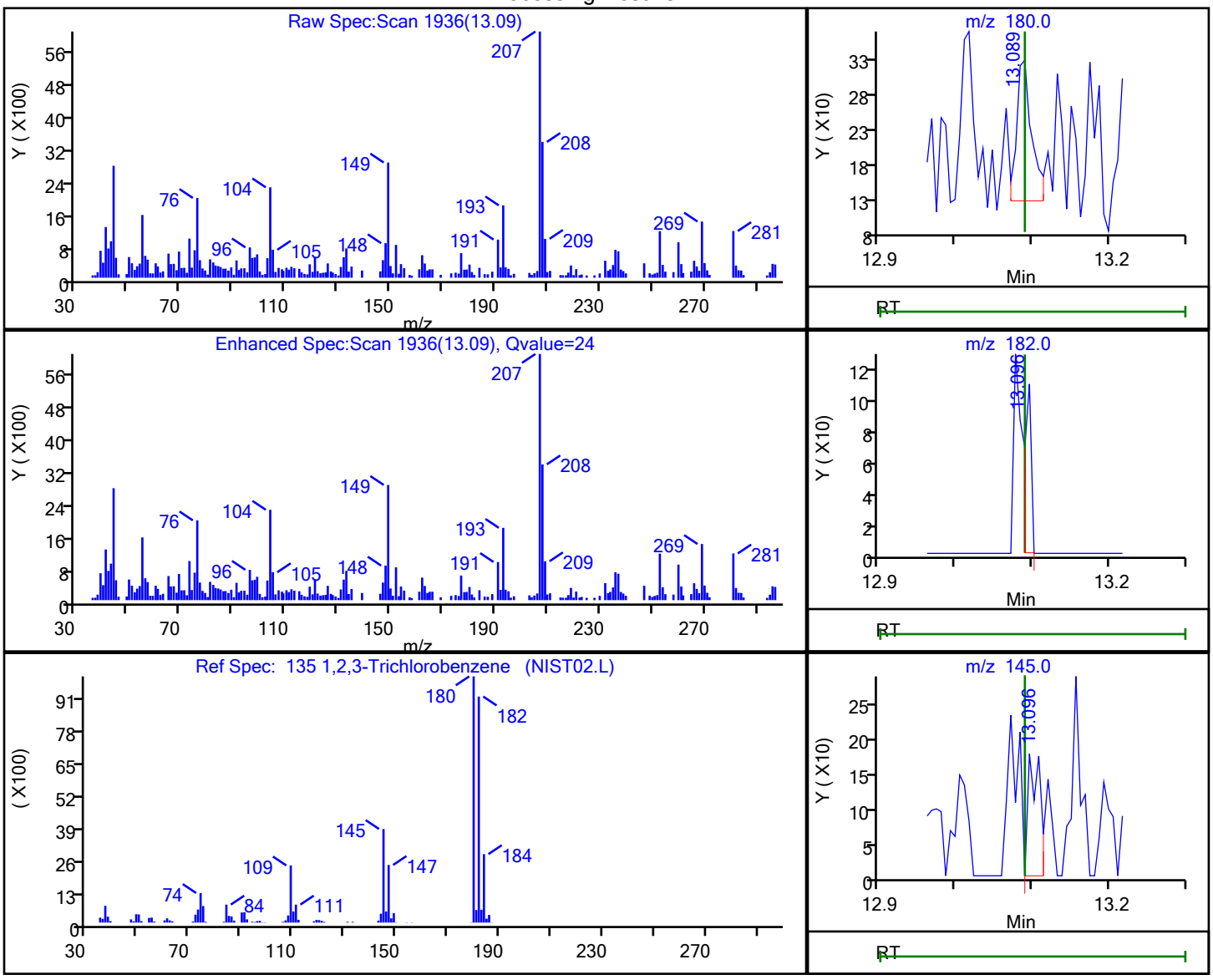
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D				
Injection Date:	09-May-2024 08:29:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
13.09	180.00	266	0.071613
13.10	182.00	64	
13.10	145.00	186	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

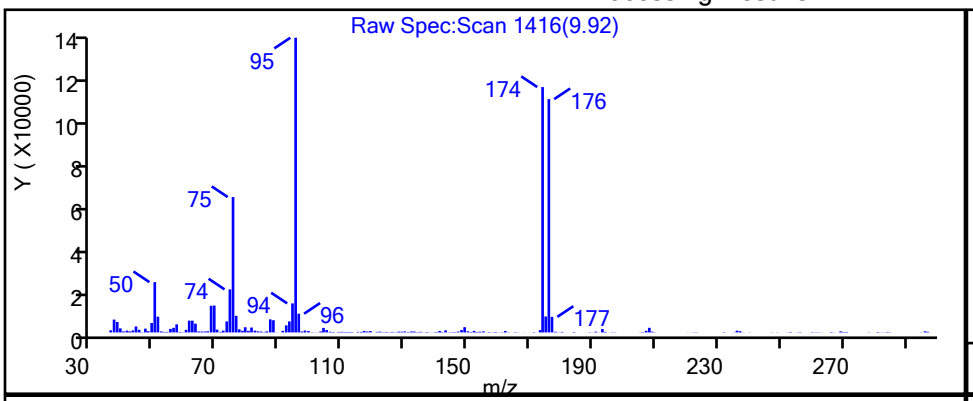
User Disabled Compound Report

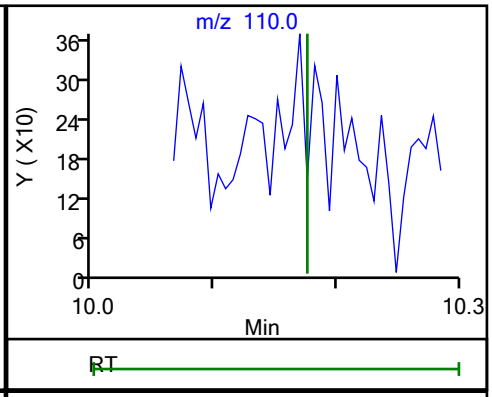
Eurofins Edison

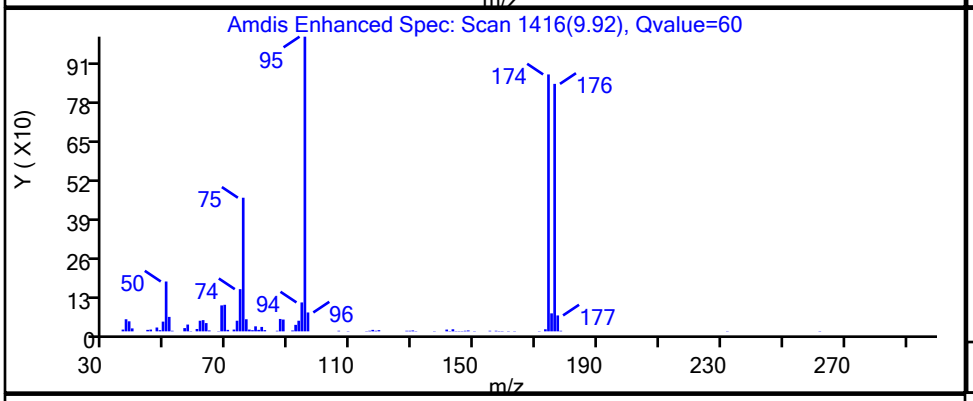
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

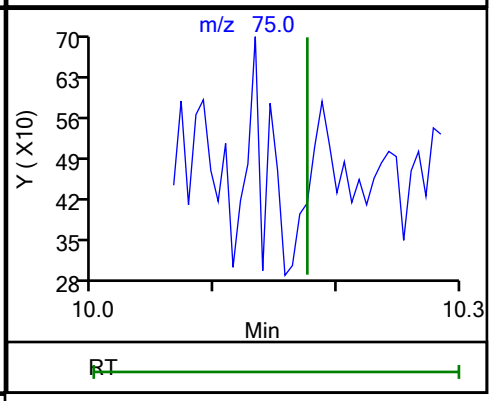
109 1,2,3-Trichloropropane, CAS: 96-18-4

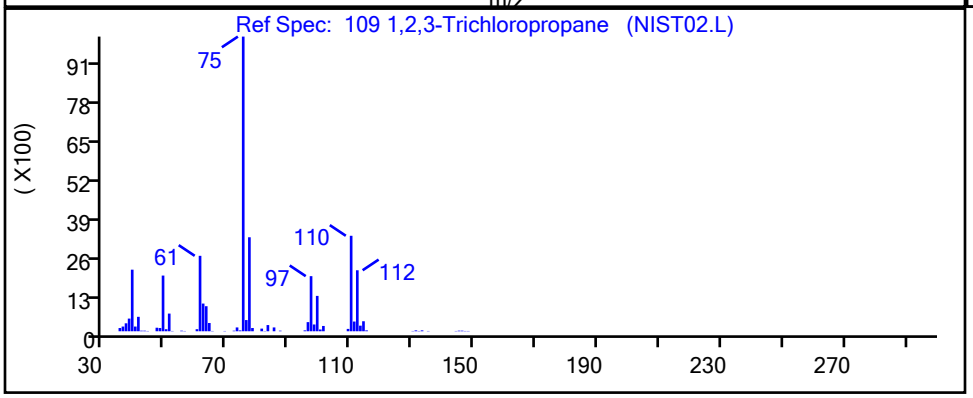
Processing Results











RT	Mass	Response	Amount
9.92	110.00	157	0.268912
9.92	75.00	94270	

Reviewer: FK2C, 09-May-2024 09:07:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

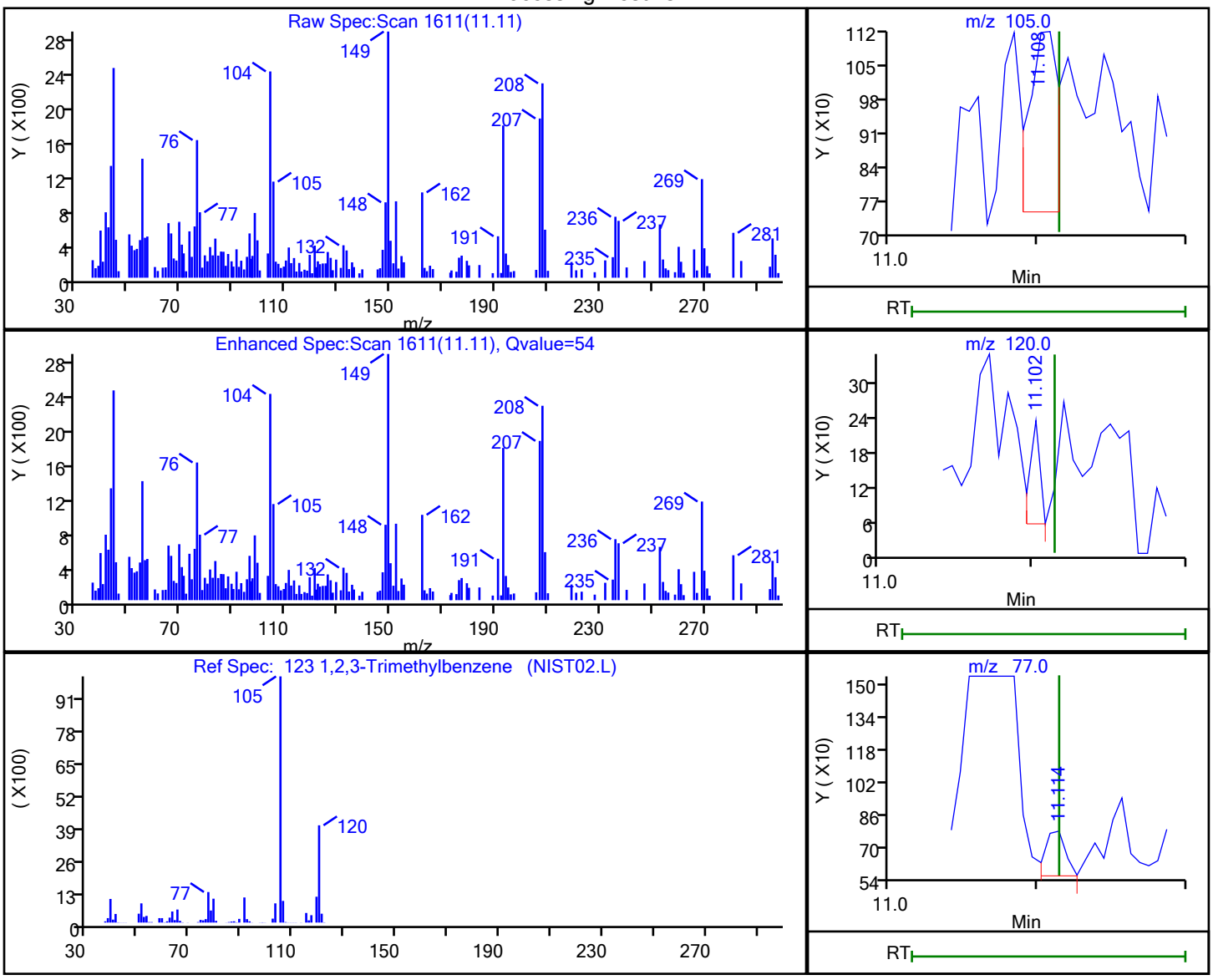
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
11.11	105.00	514	0.037997
11.10	120.00	86	
11.11	77.00	212	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

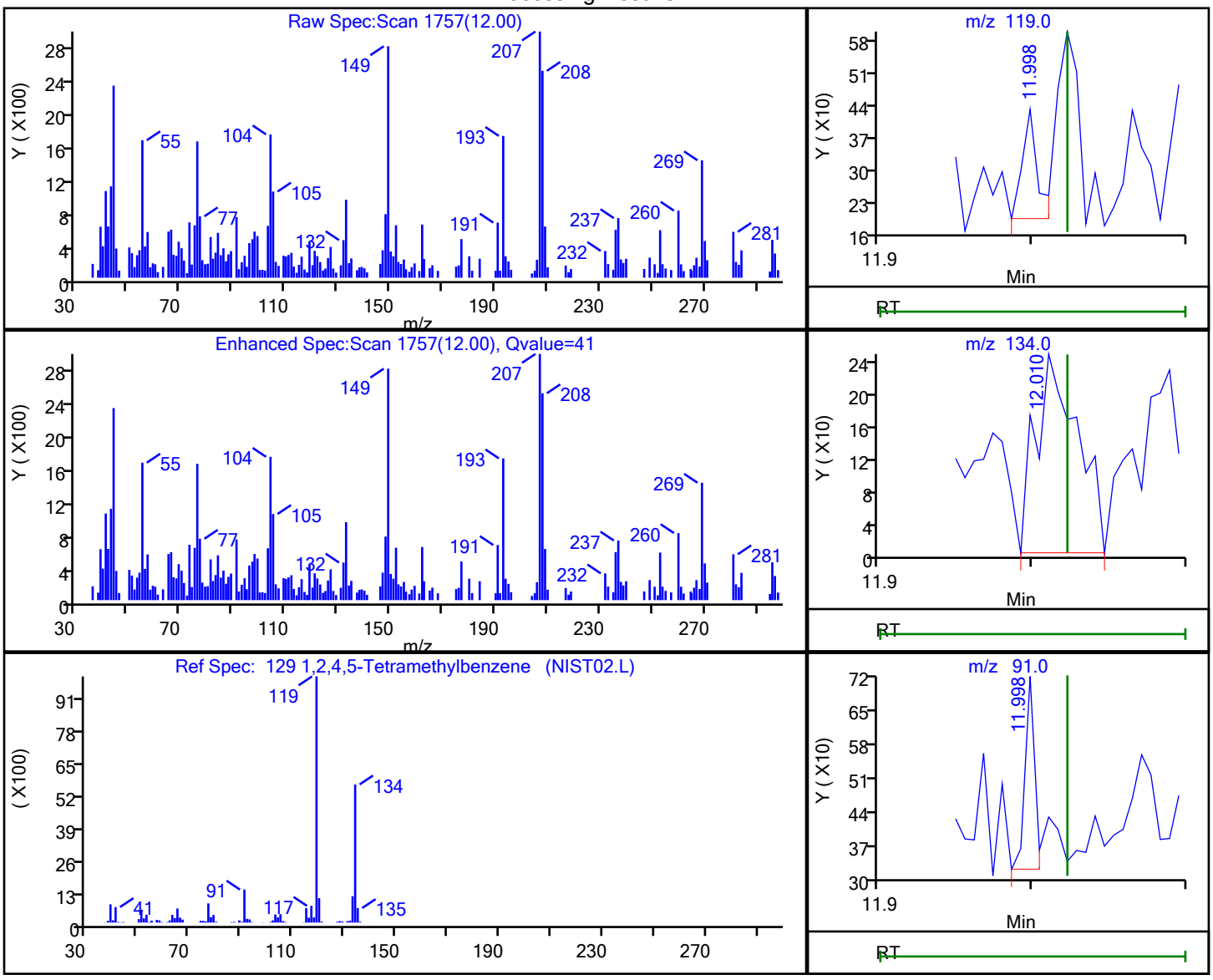
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
12.00	119.00	162	0.010912
12.01	134.00	478	
12.00	91.00	179	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

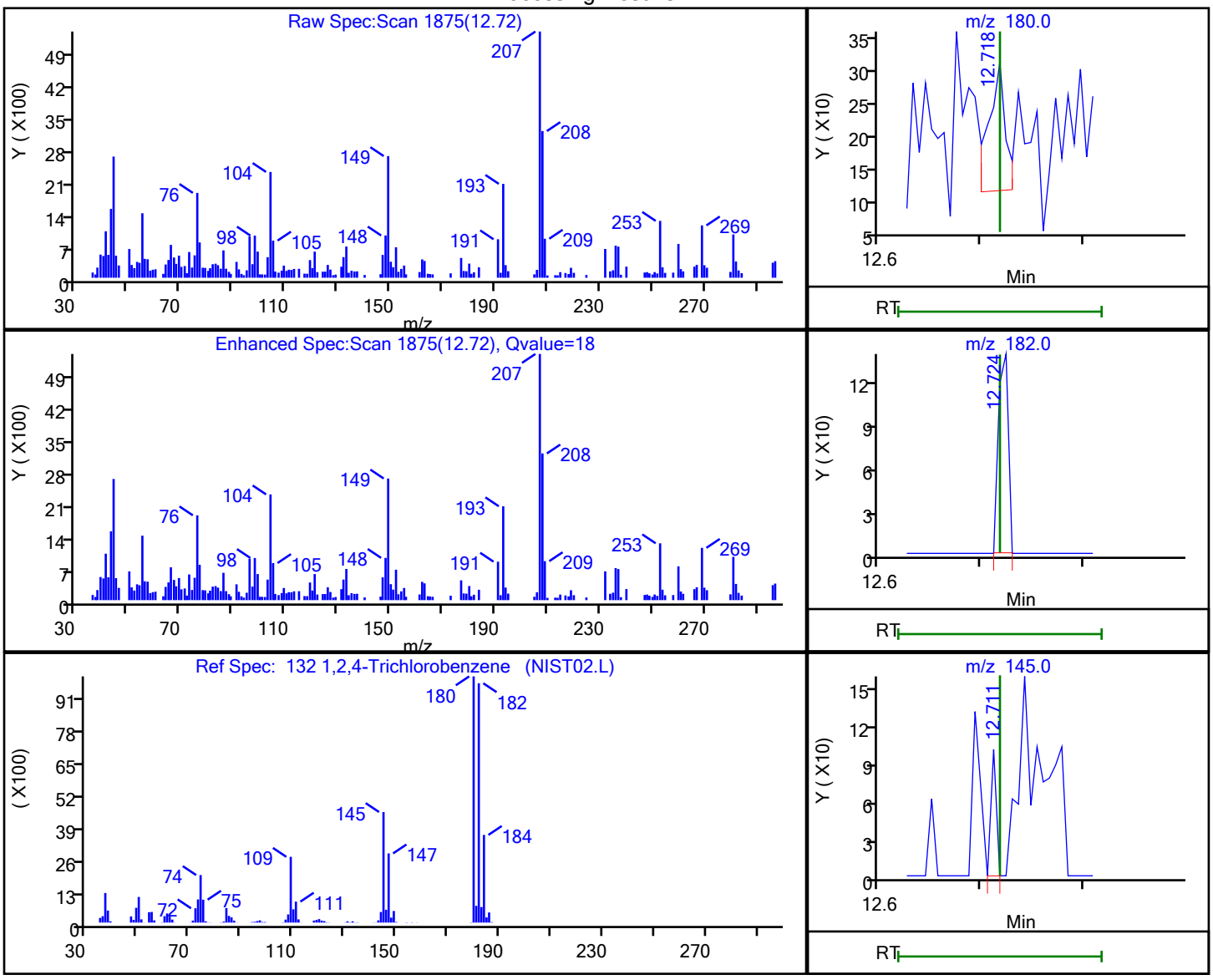
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.72	180.00	225	0.045904
12.72	182.00	94	
12.71	145.00	36	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

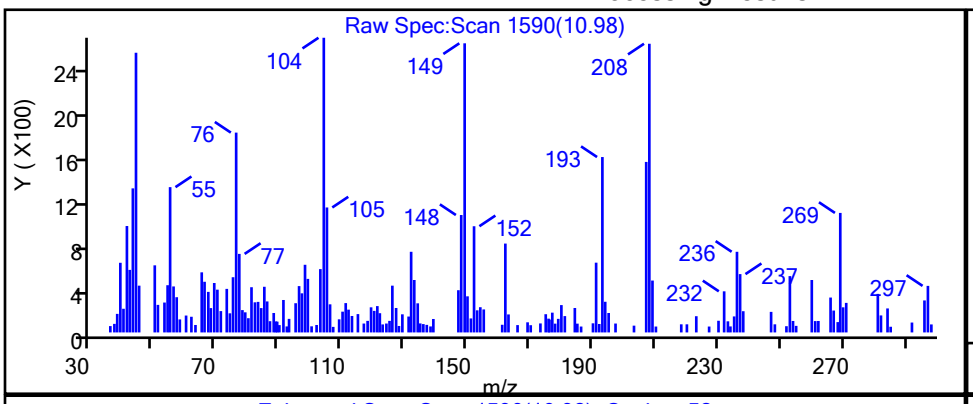
User Disabled Compound Report

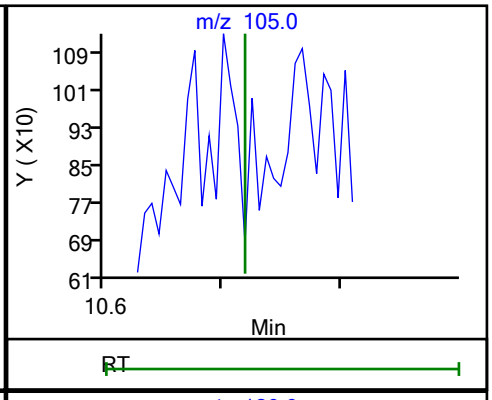
Eurofins Edison

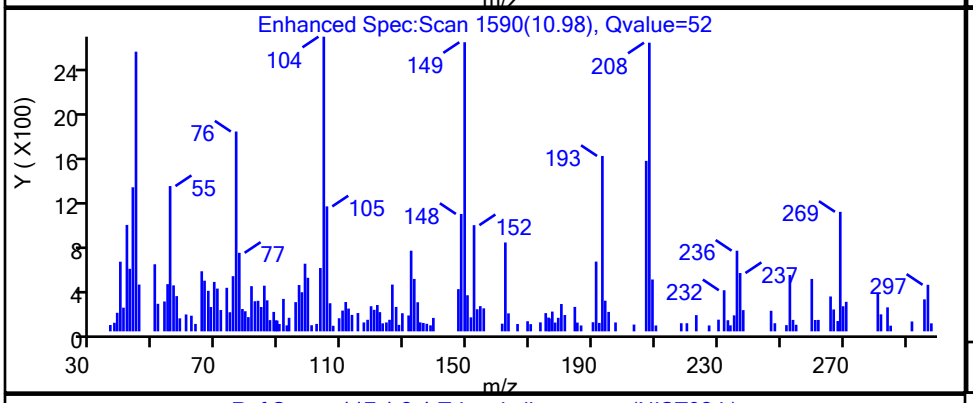
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

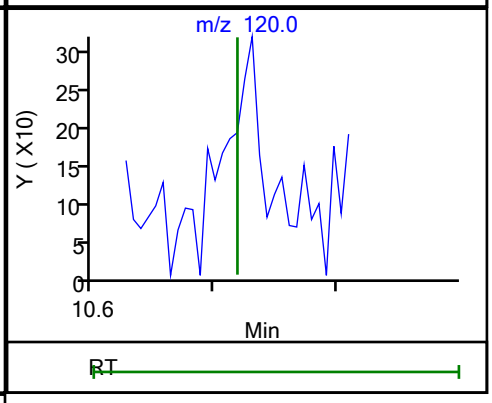
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

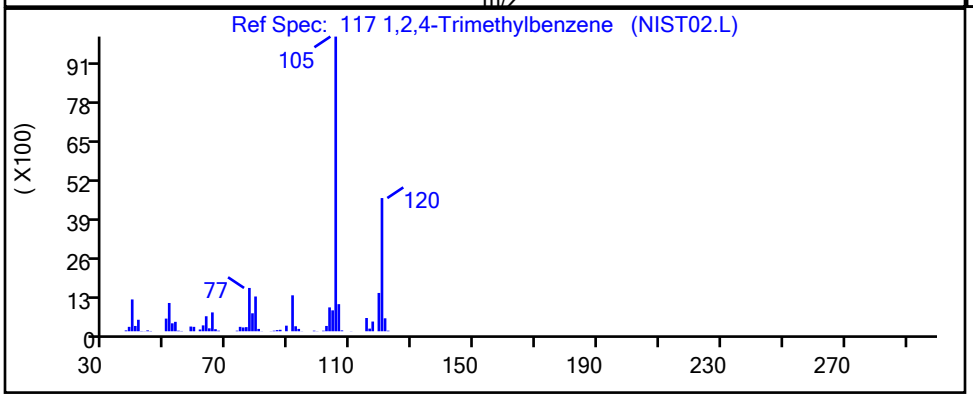
Processing Results











RT	Mass	Response	Amount
10.98	105.00	632	0.020919
10.97	120.00	284	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

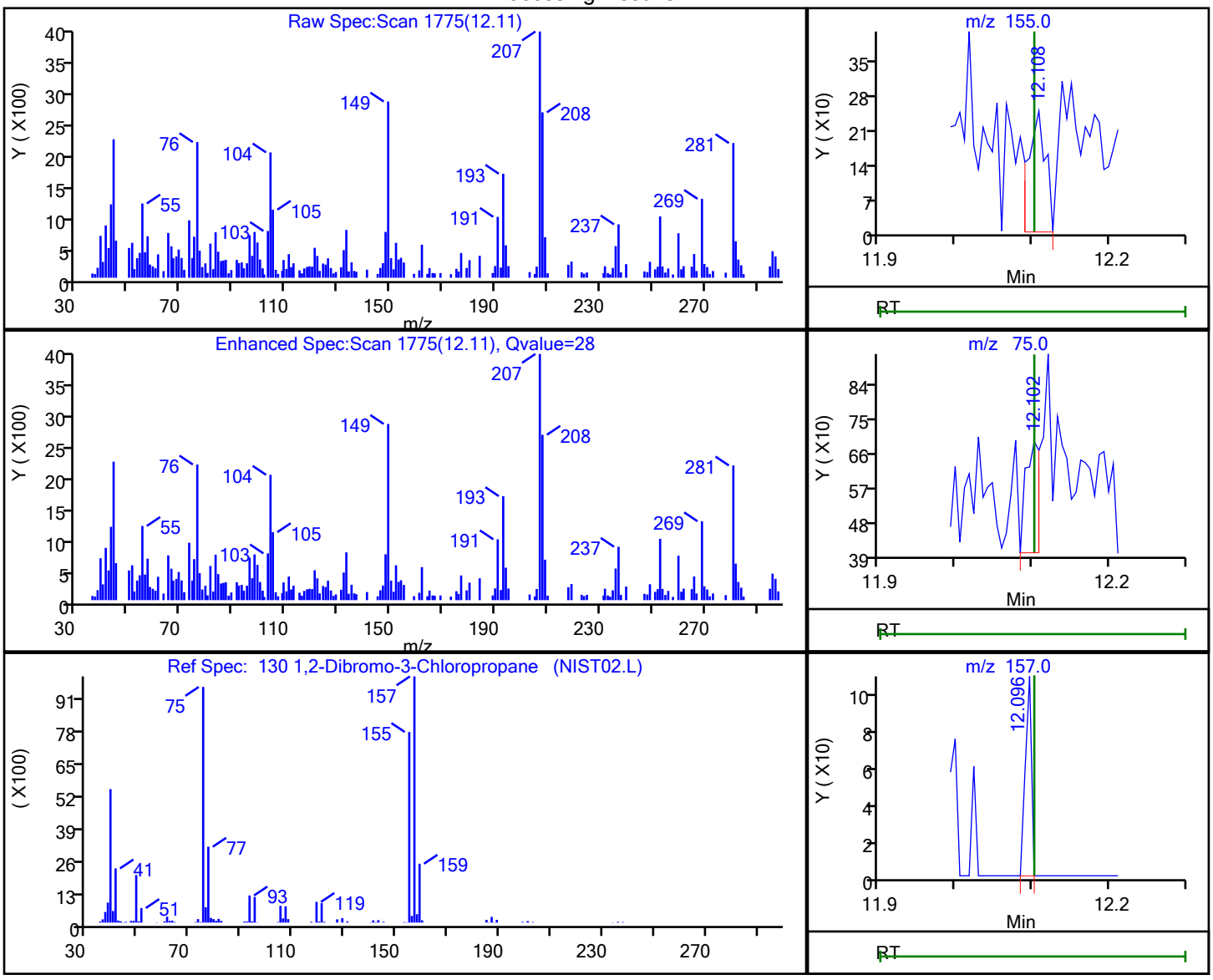
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

130 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
12.11	155.00	376	1.125135
12.10	75.00	368	
12.10	157.00	57	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

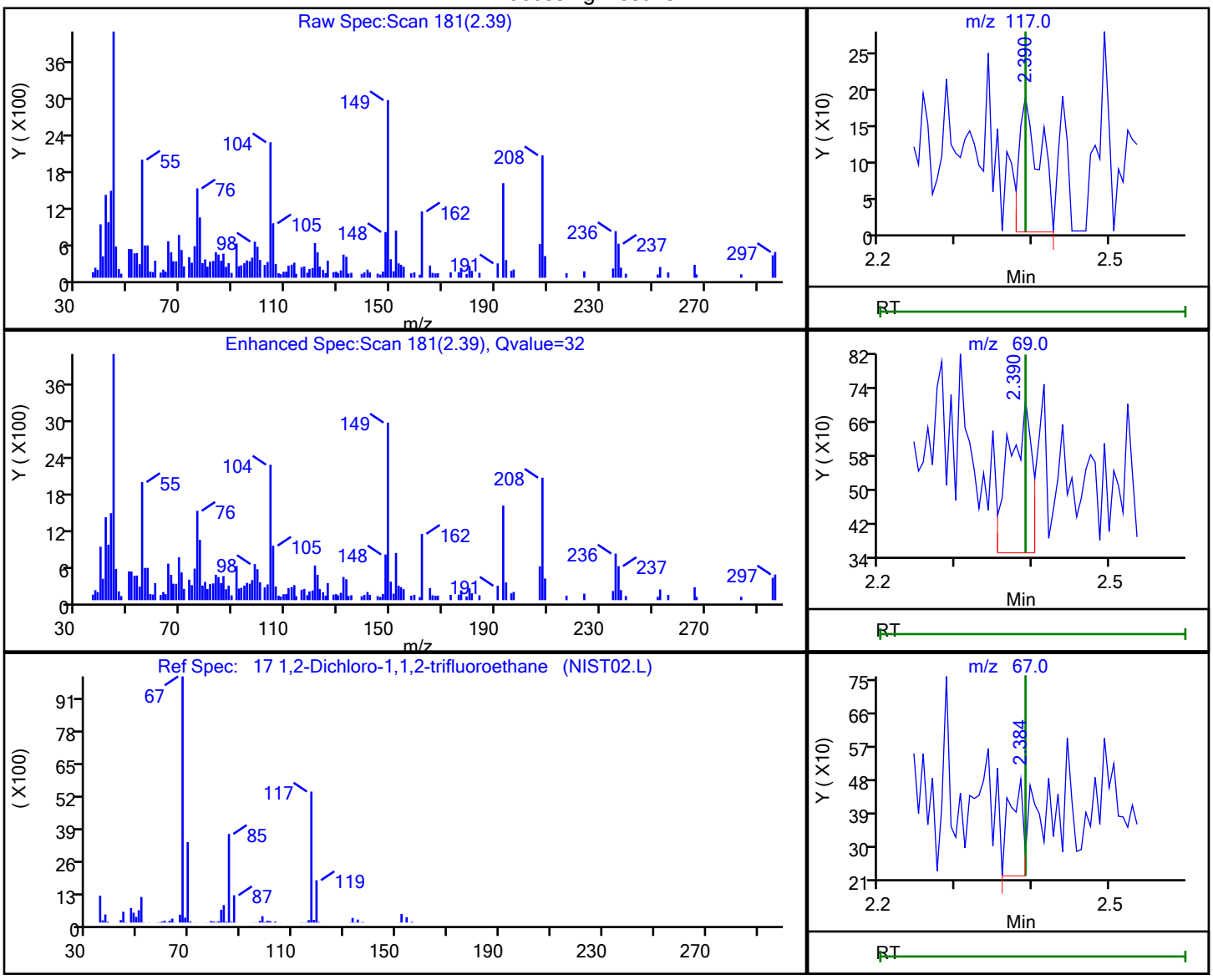
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
2.39	117.00	344	0.096047
2.39	69.00	744	
2.38	67.00	324	
2.40	119.00	328	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

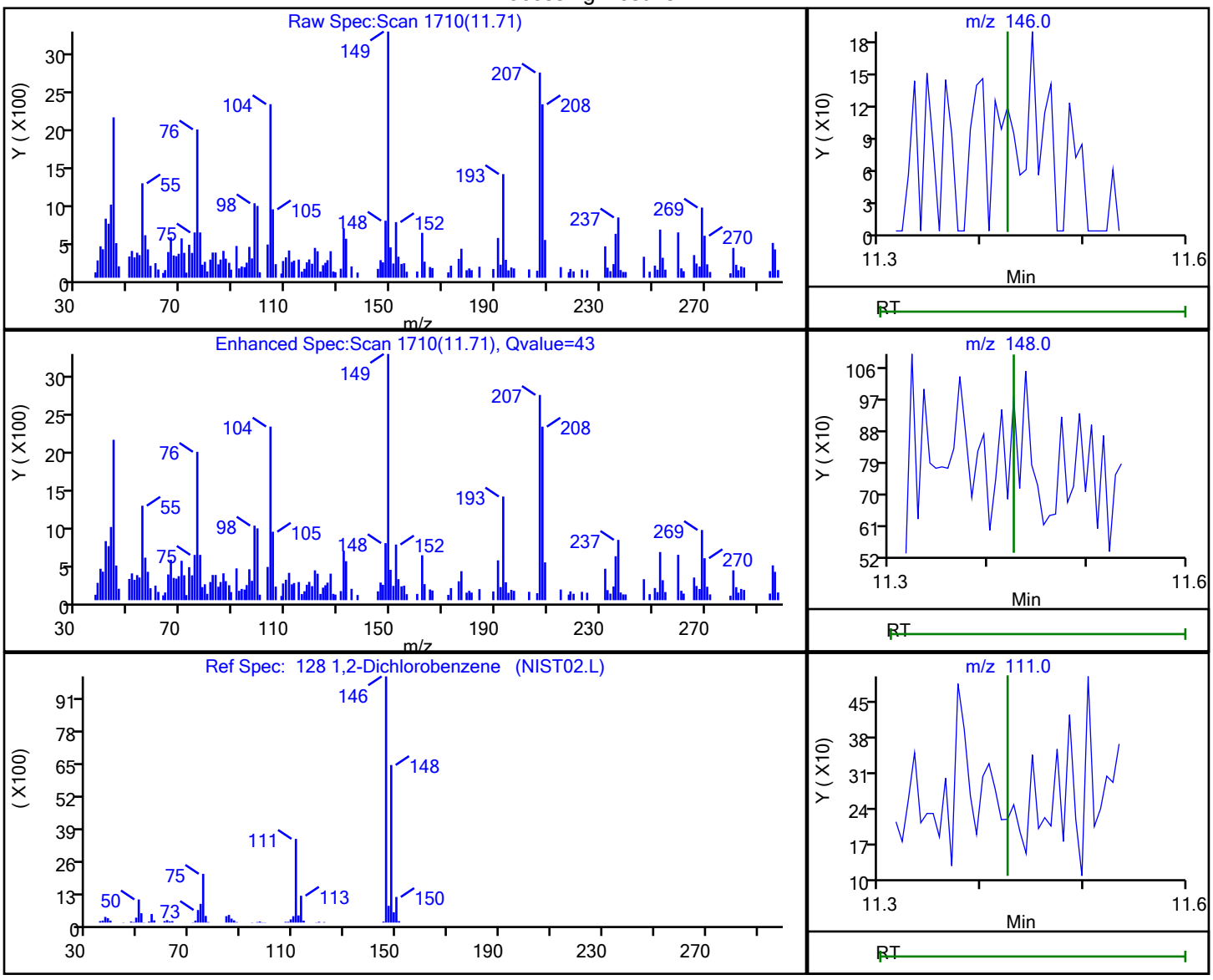
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.71	146.00	238	0.035965
11.71	148.00	349	
11.71	111.00	242	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

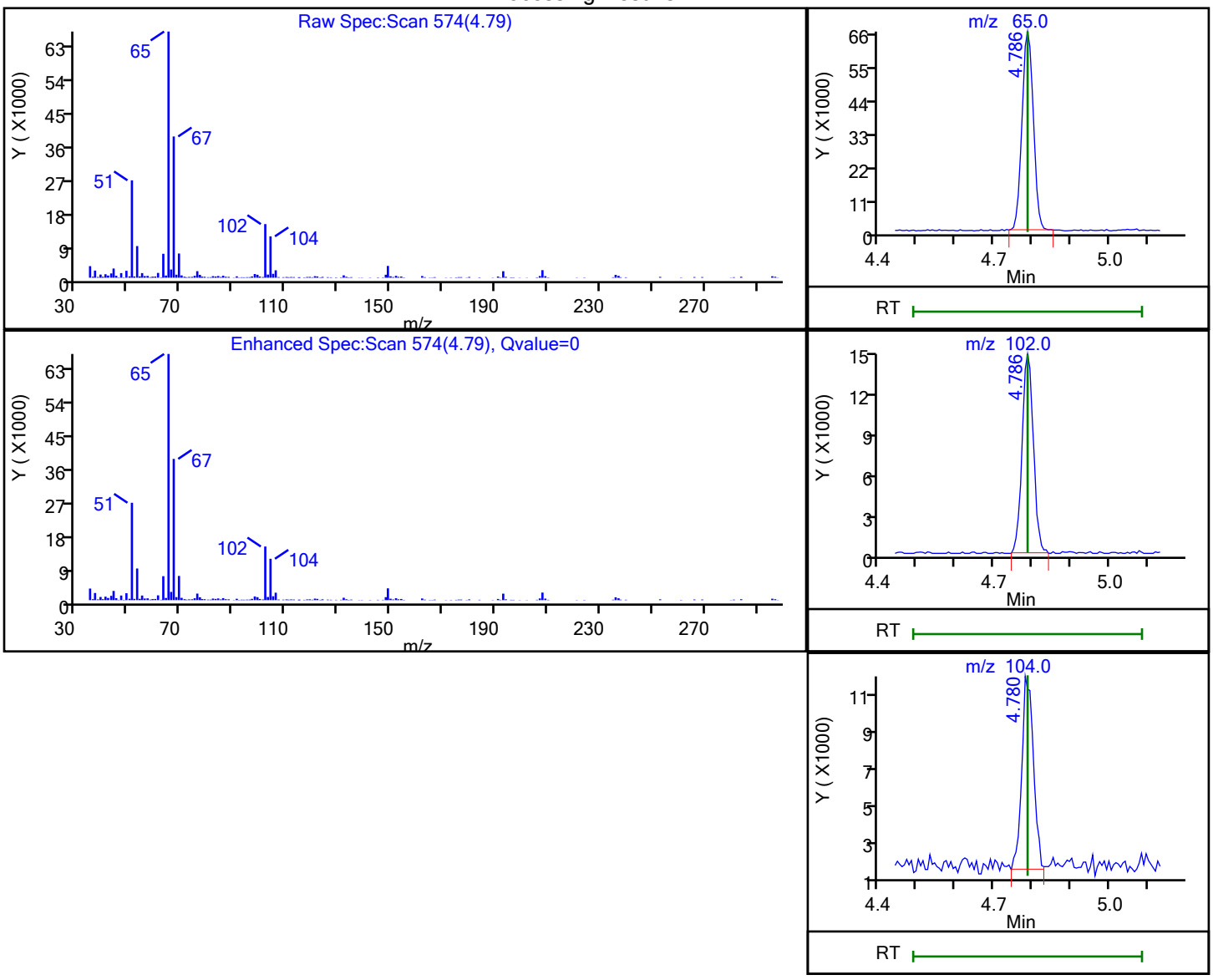
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D				
Injection Date:	09-May-2024 08:29:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

$ 61 1,2-Dichloroethane-d4 (Surr), CAS: 17060-07-0

Processing Results



RT	Mass	Response	Amount
4.79	65.00	137286	43.067755
4.79	102.00	29871	
4.78	104.00	20934	

Reviewer: FK2C, 09-May-2024 09:06:46 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

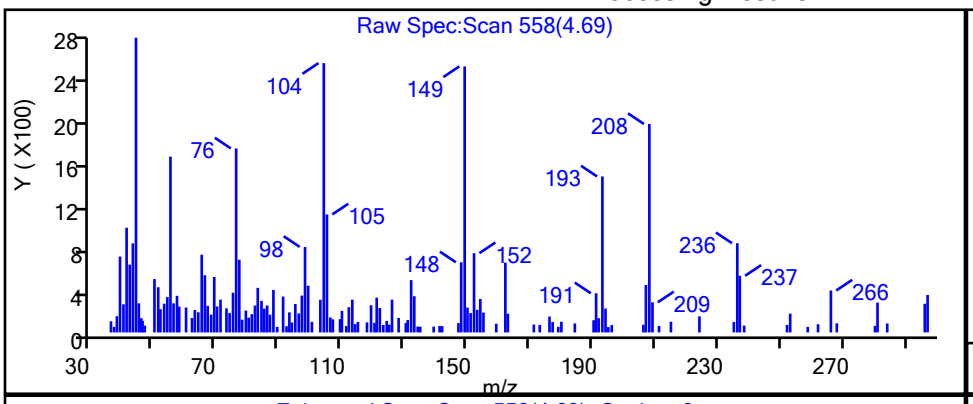
User Disabled Compound Report

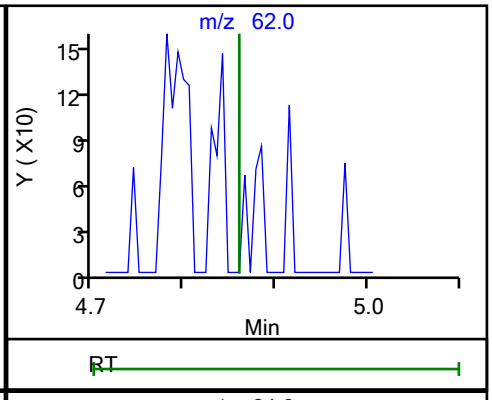
Eurofins Edison

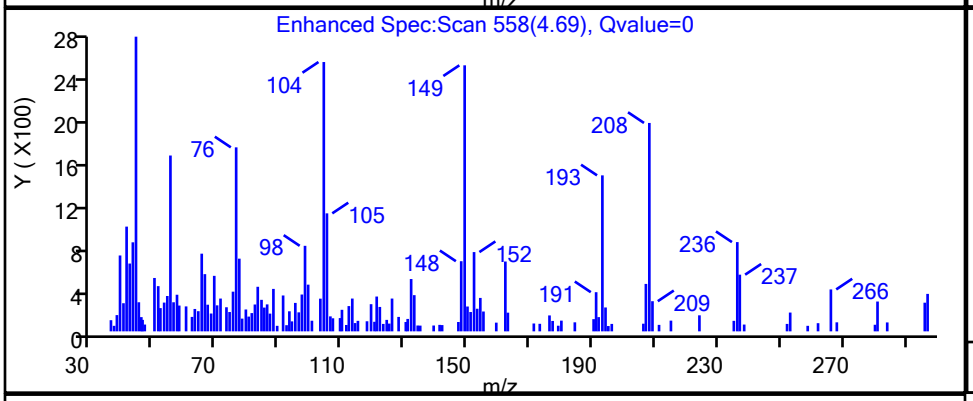
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

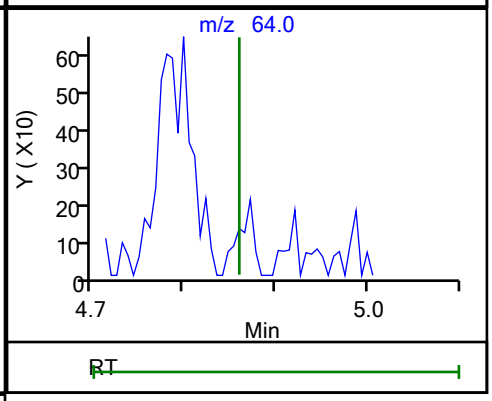
64 1,2-Dichloroethane, CAS: 107-06-2

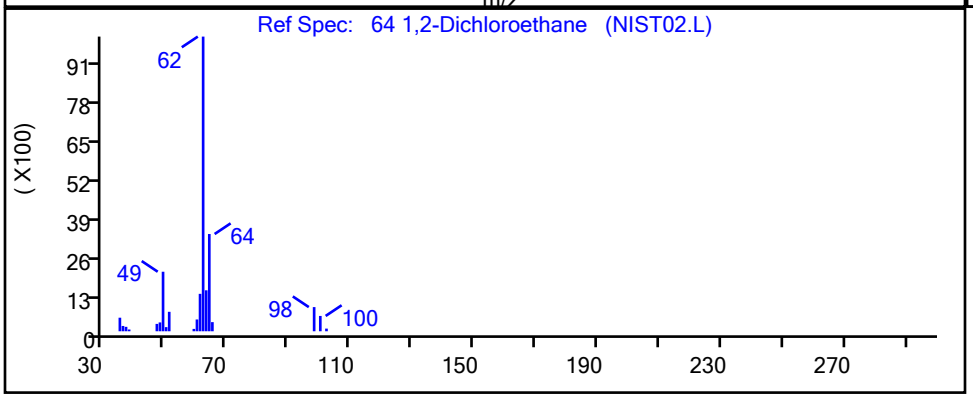
Processing Results











RT	Mass	Response	Amount
4.69	62.00	181	0.046647
4.69	64.00	267	

Reviewer: FK2C, 09-May-2024 09:06:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

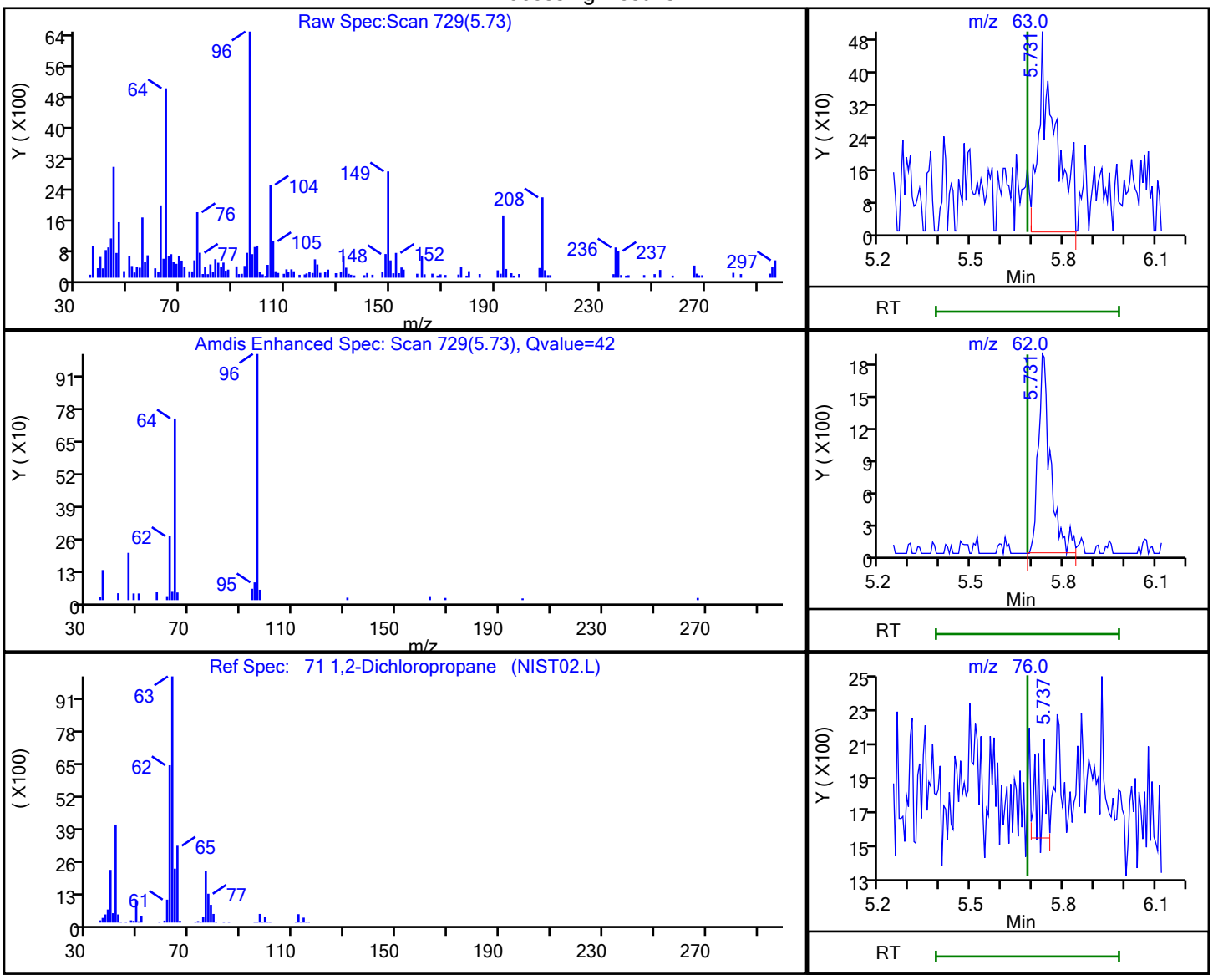
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

71 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
5.73	63.00	1890	0.644640
5.73	62.00	5186	
5.74	76.00	814	
5.81	112.00	507	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

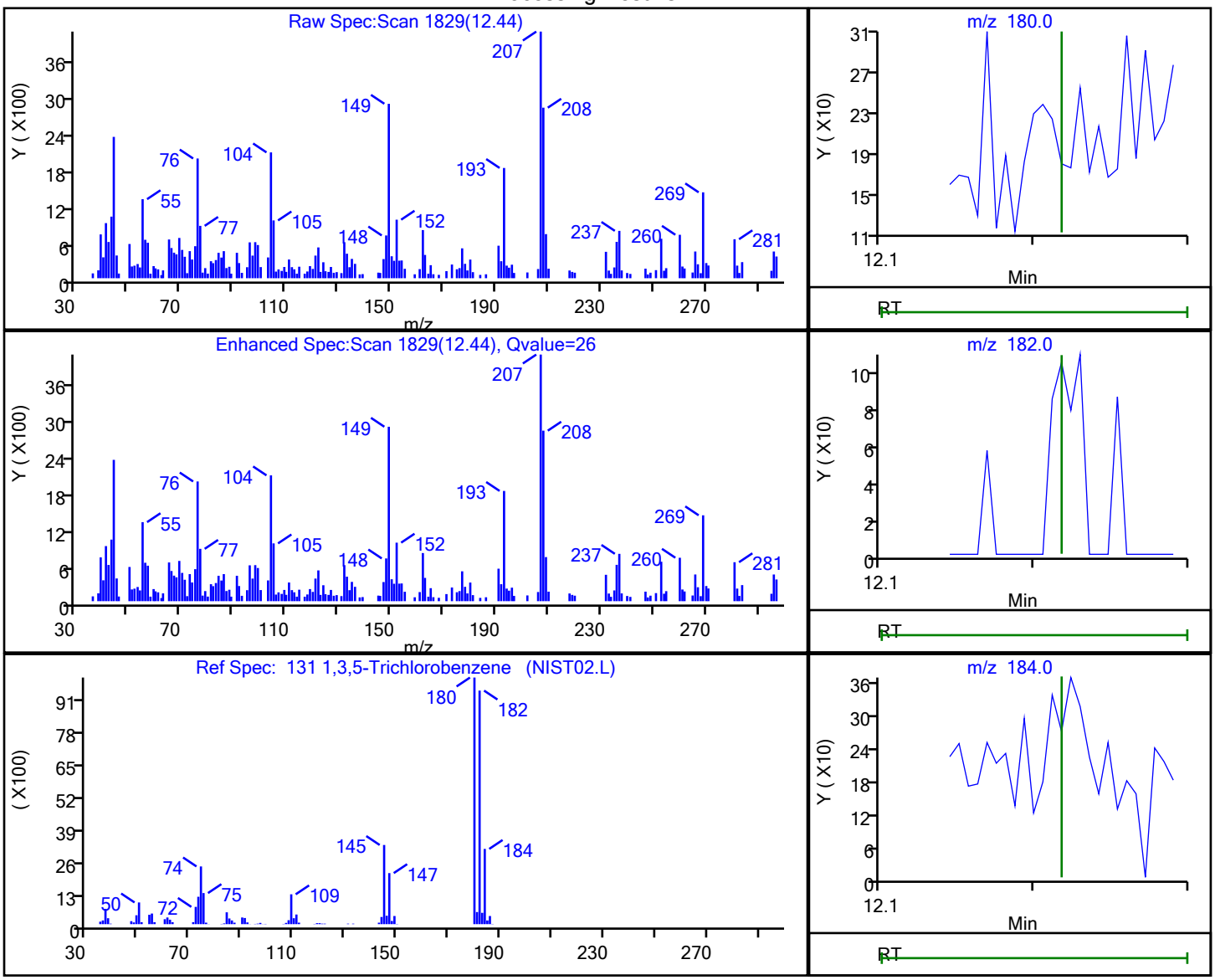
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
12.44	180.00	134	0.022091
12.43	182.00	77	
12.45	184.00	148	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

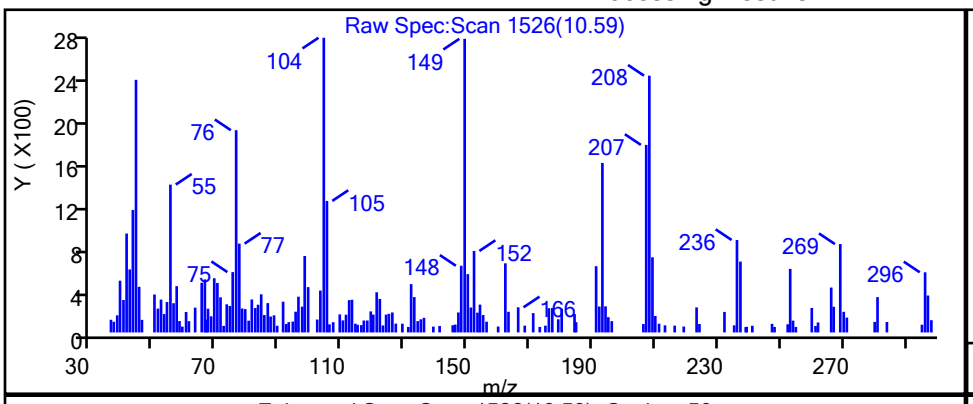
User Disabled Compound Report

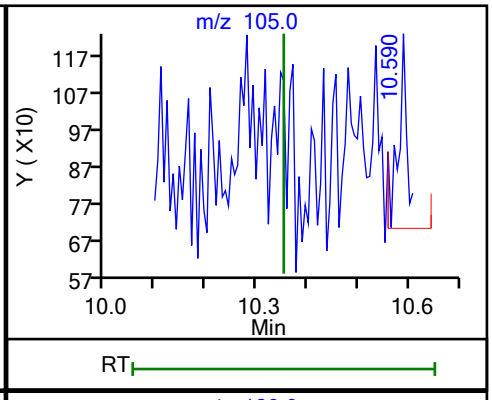
Eurofins Edison

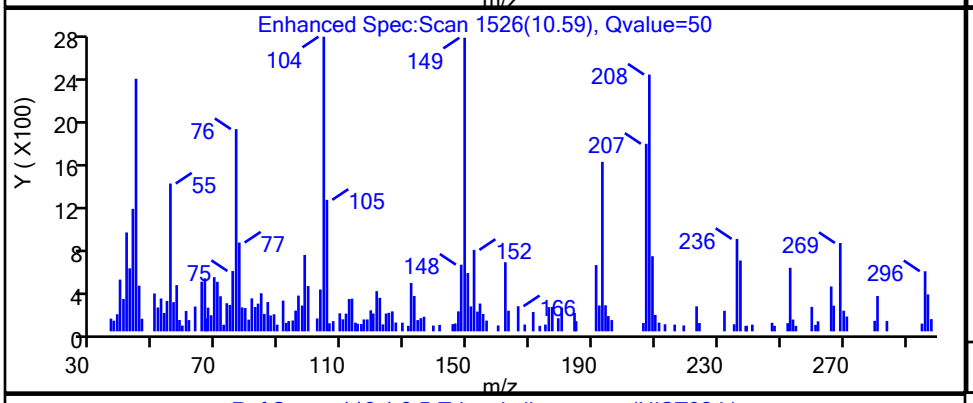
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

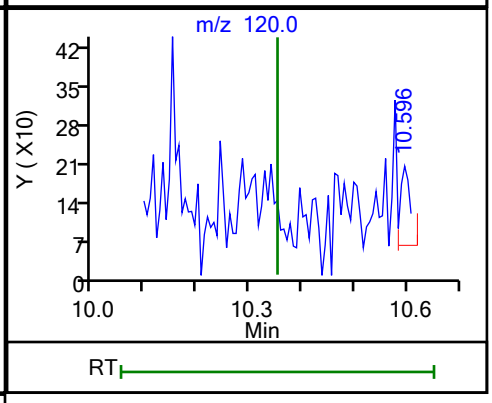
113 1,3,5-Trimethylbenzene, CAS: 108-67-8

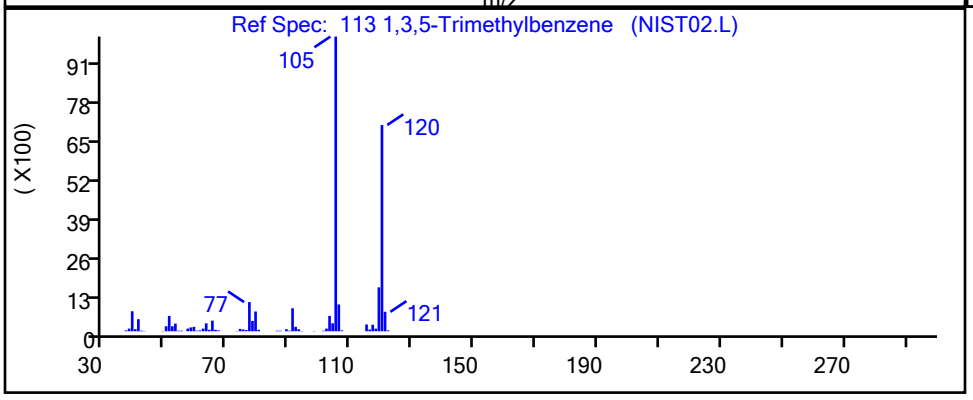
Processing Results











RT	Mass	Response	Amount
10.59	105.00	629	0.036669
10.60	120.00	212	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

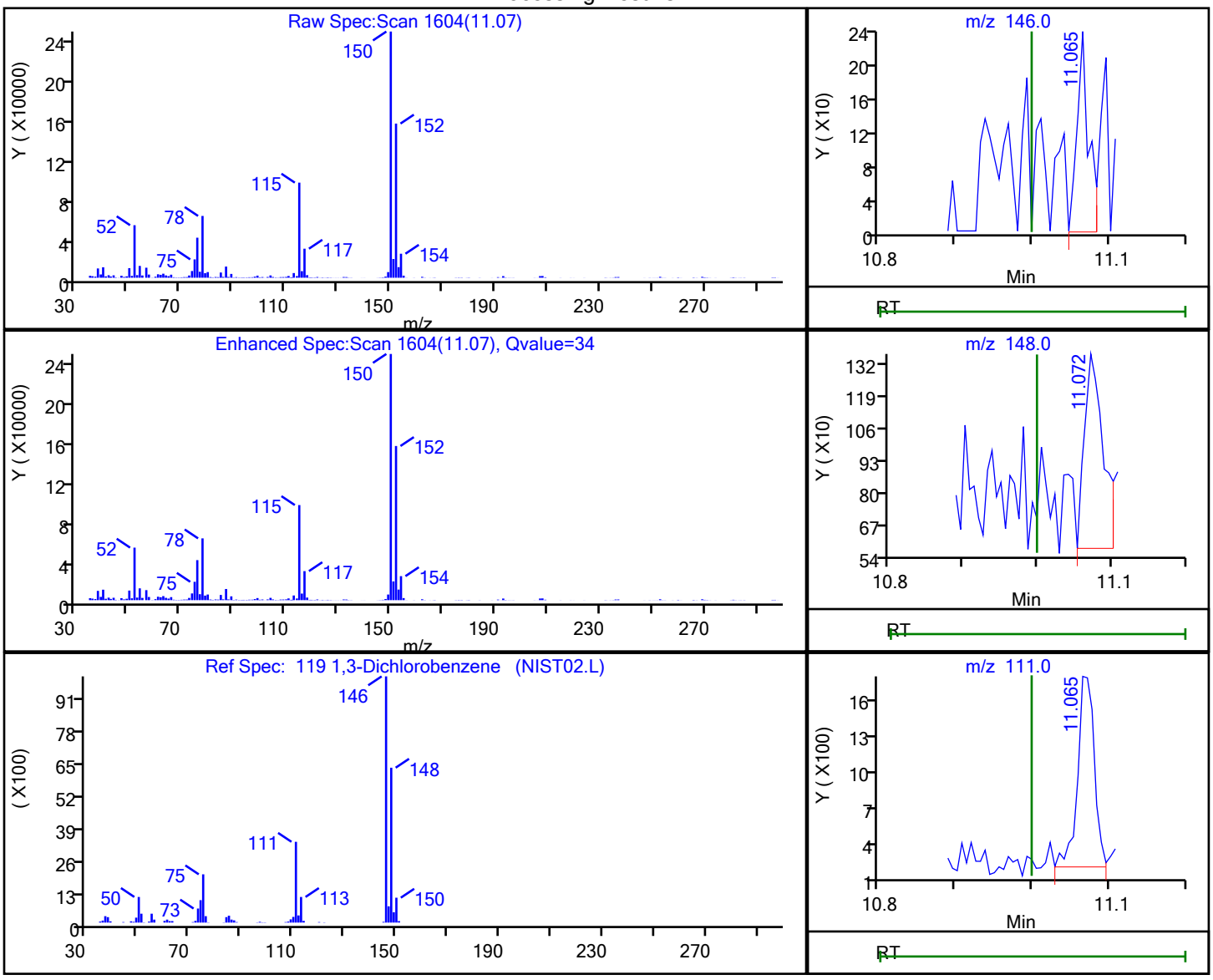
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
11.07	146.00	252	0.035959
11.07	148.00	1406	
11.07	111.00	2367	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

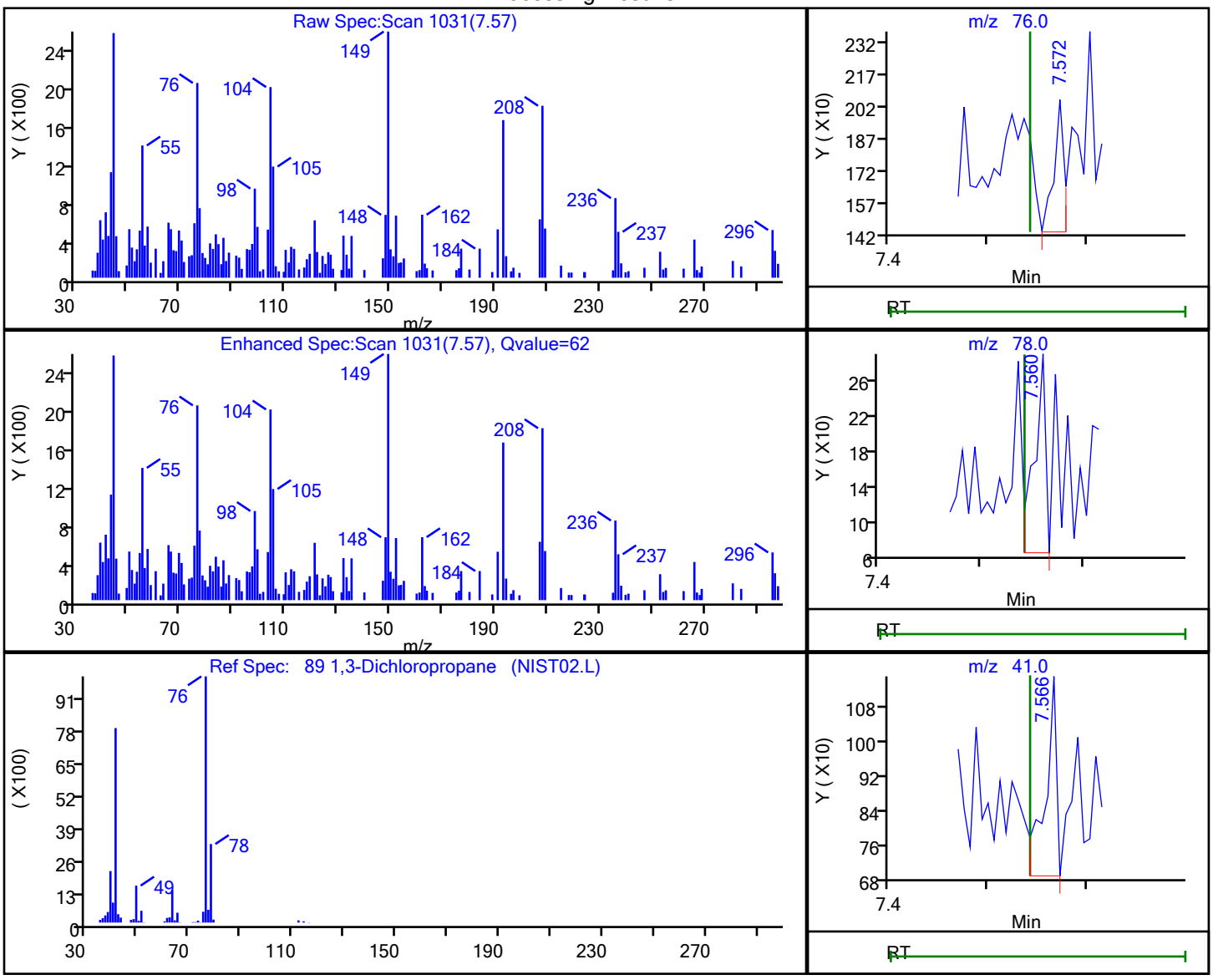
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
7.57	76.00	444	0.146304
7.56	78.00	168	
7.57	41.00	358	

Reviewer: FK2C, 09-May-2024 09:07:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

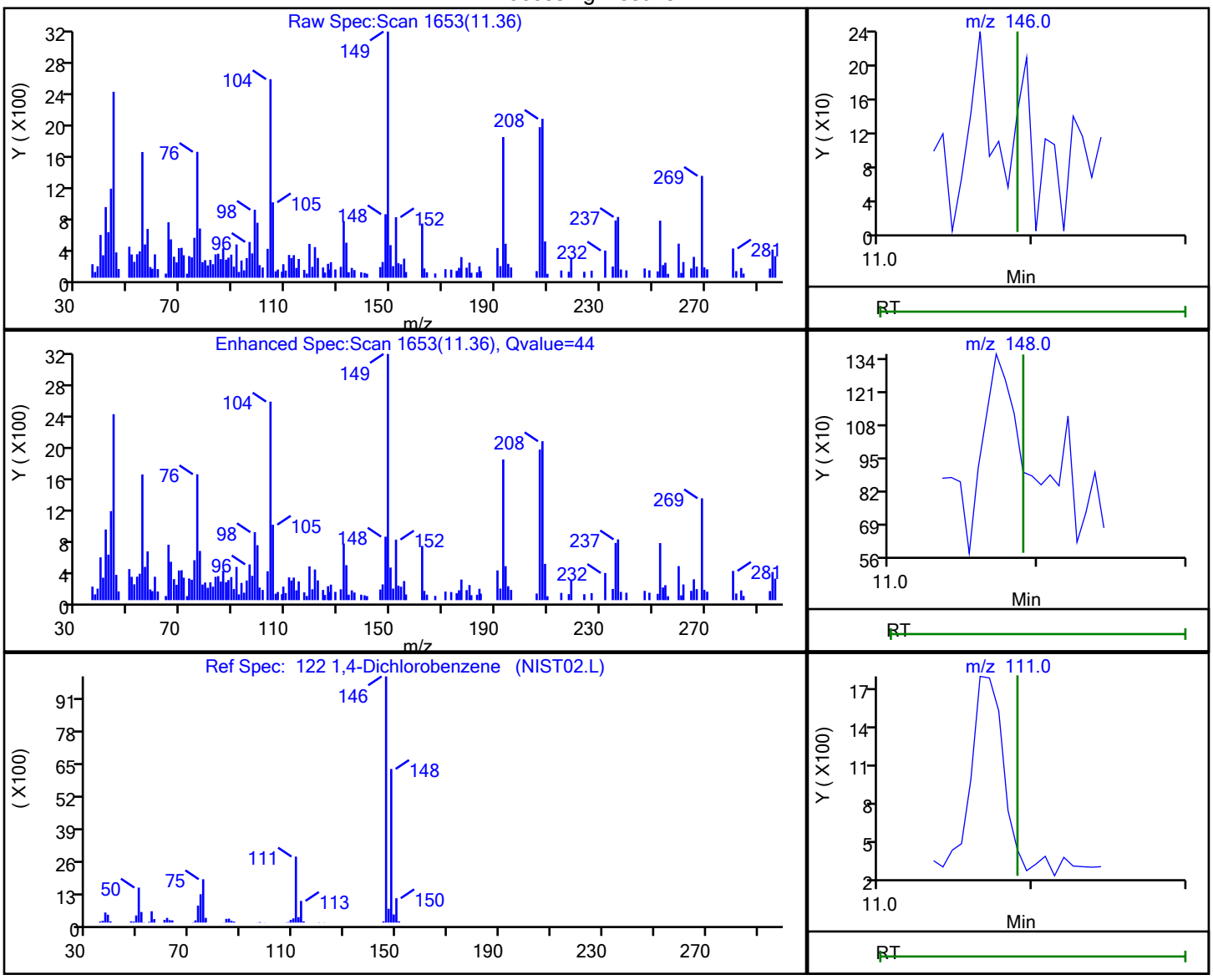
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
11.36	146.00	83	0.011697
11.37	148.00	276	
11.38	111.00	297	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

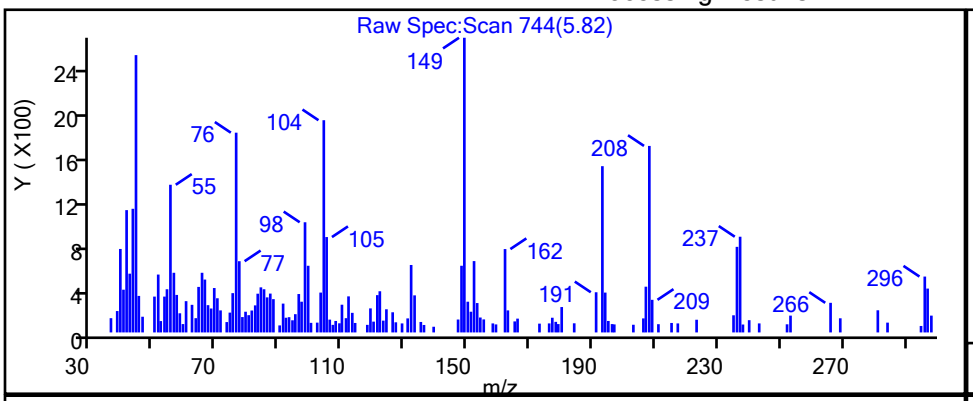
User Disabled Compound Report

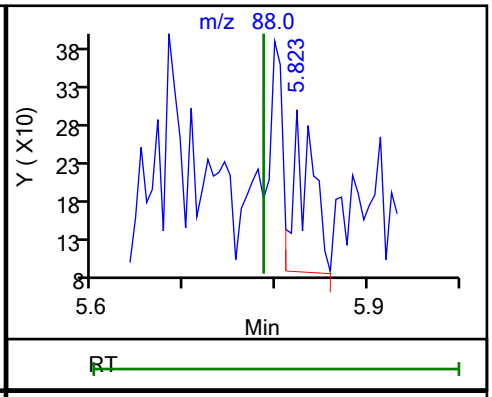
Eurofins Edison

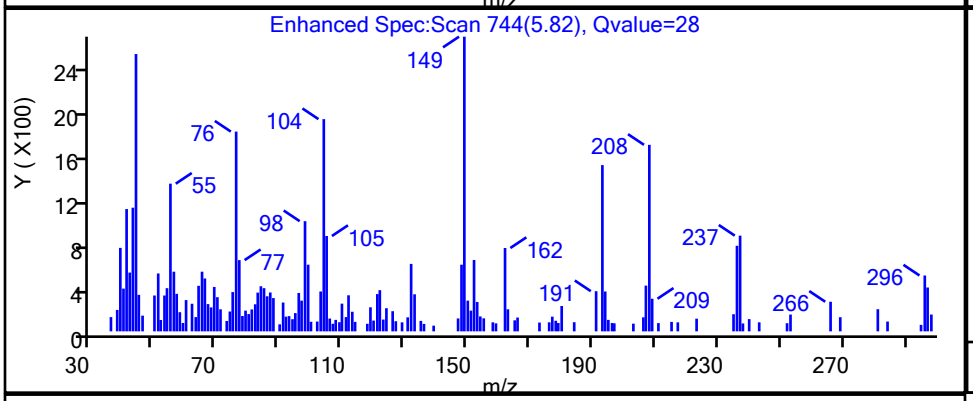
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

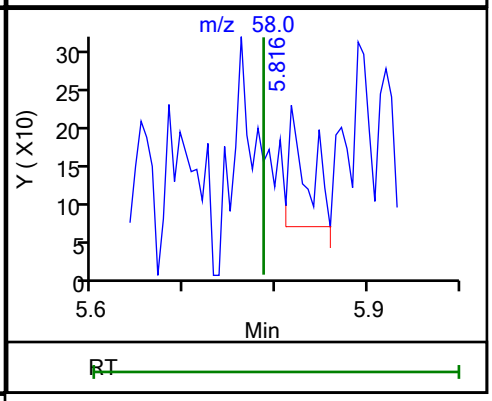
75 1,4-Dioxane, CAS: 123-91-1

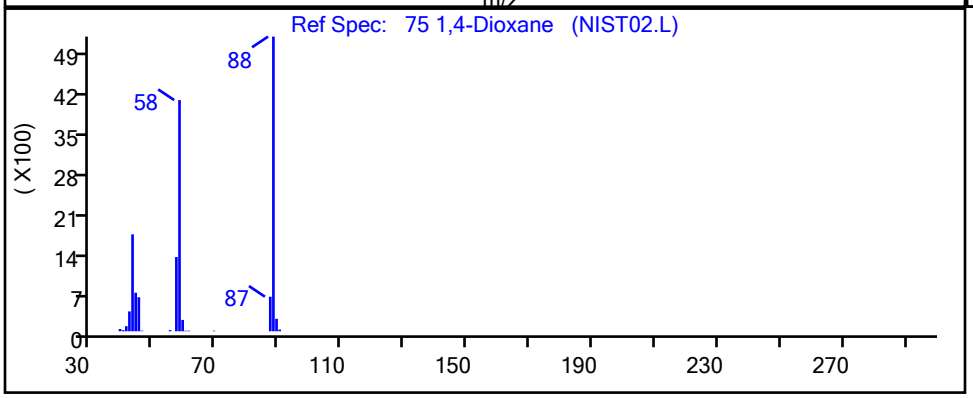
Processing Results











RT	Mass	Response	Amount
5.82	88.00	311	18.139491
5.82	58.00	223	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

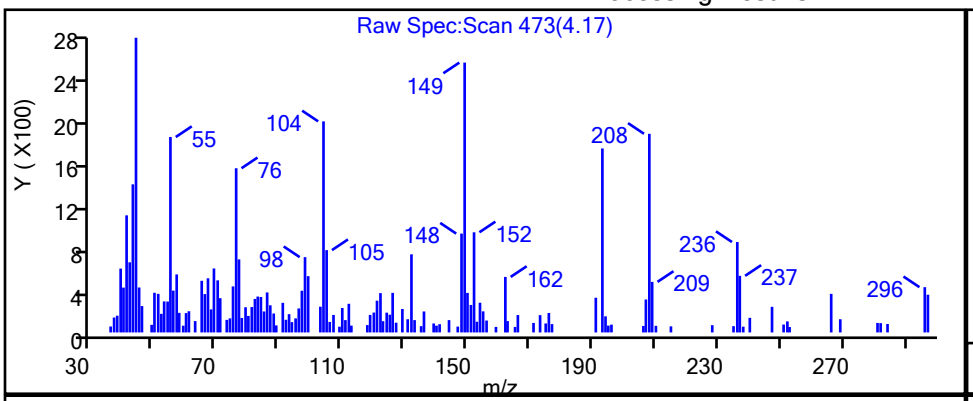
User Disabled Compound Report

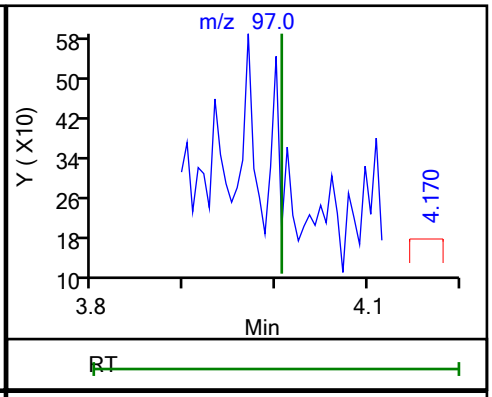
Eurofins Edison

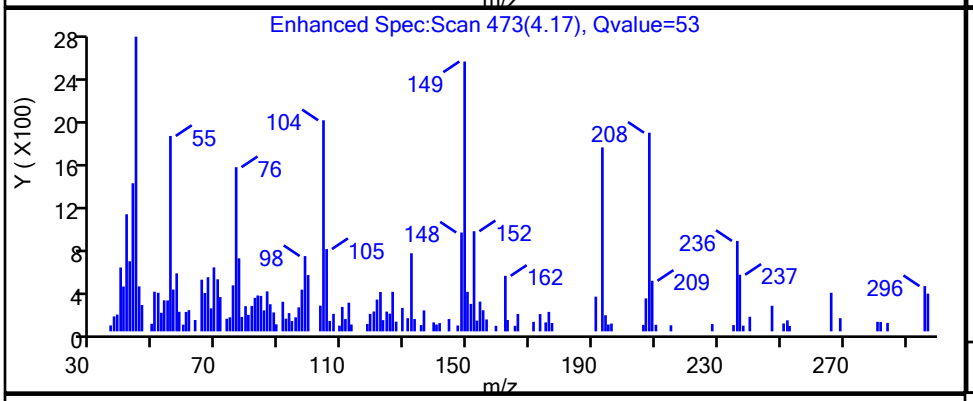
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

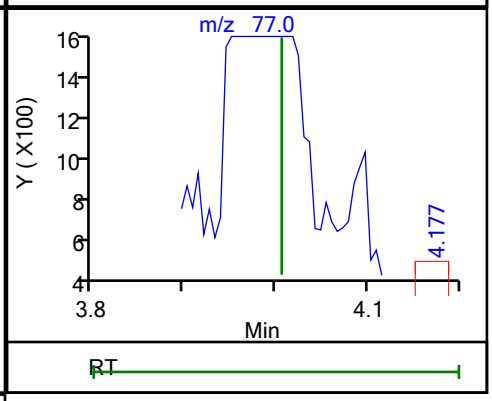
43 2,2-Dichloropropane, CAS: 594-20-7

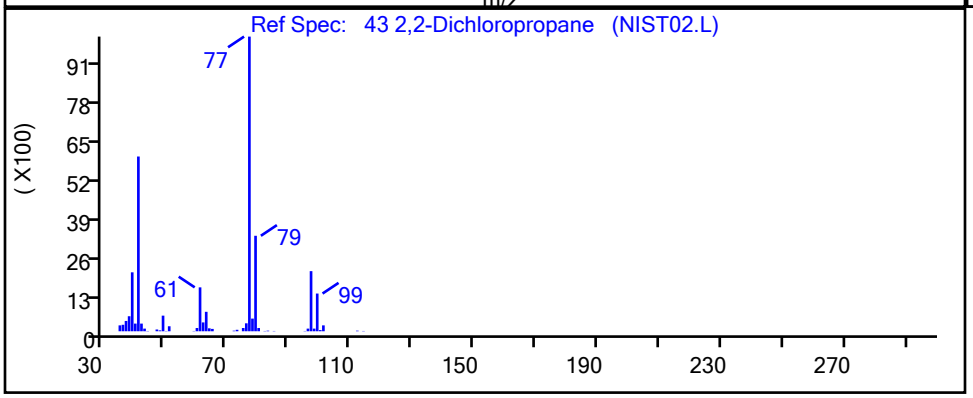
Processing Results











RT	Mass	Response	Amount
4.17	97.00	325	0.252899
4.18	77.00	701	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

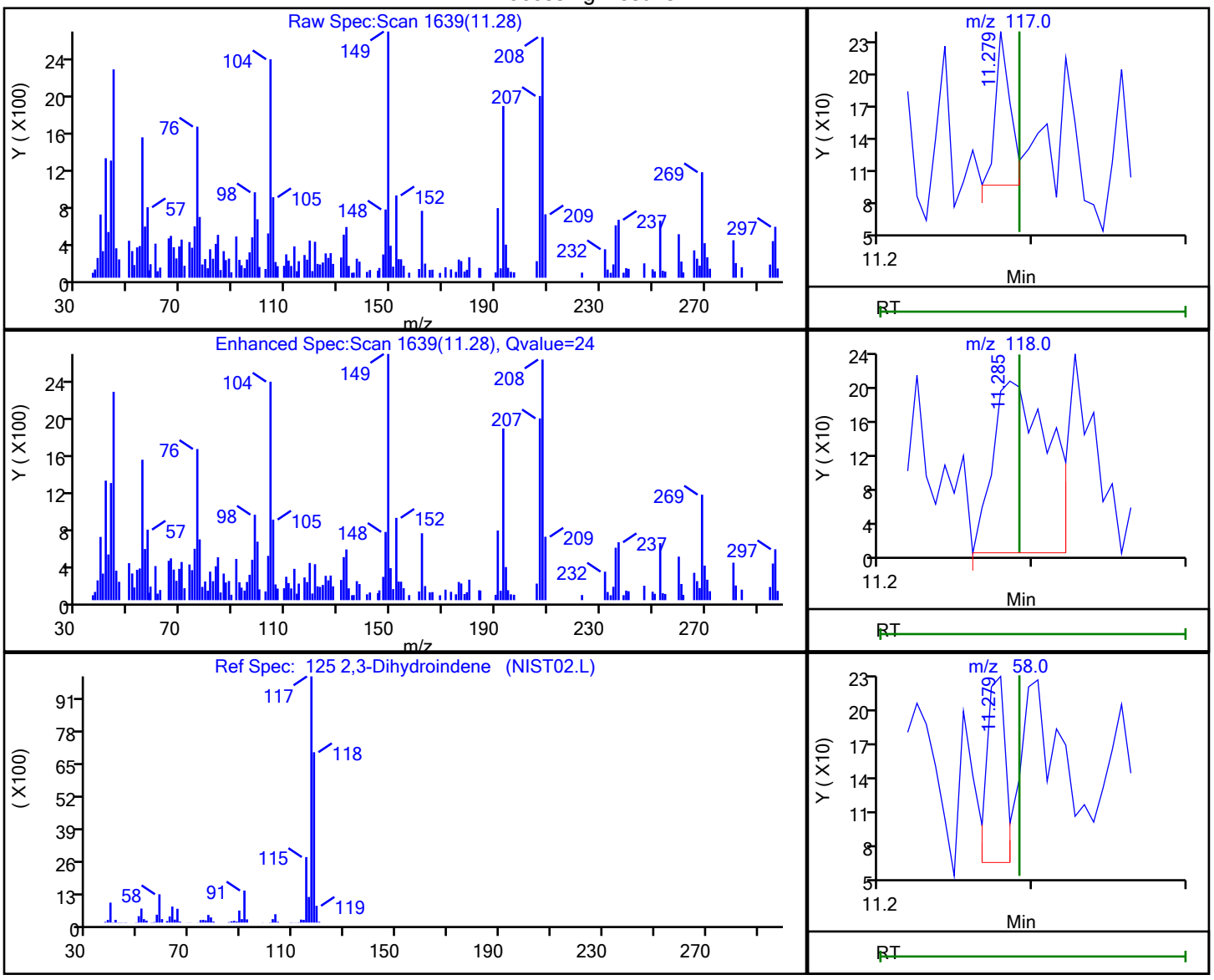
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

125 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
11.28	117.00	98	0.006919
11.28	118.00	520	
11.28	58.00	137	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

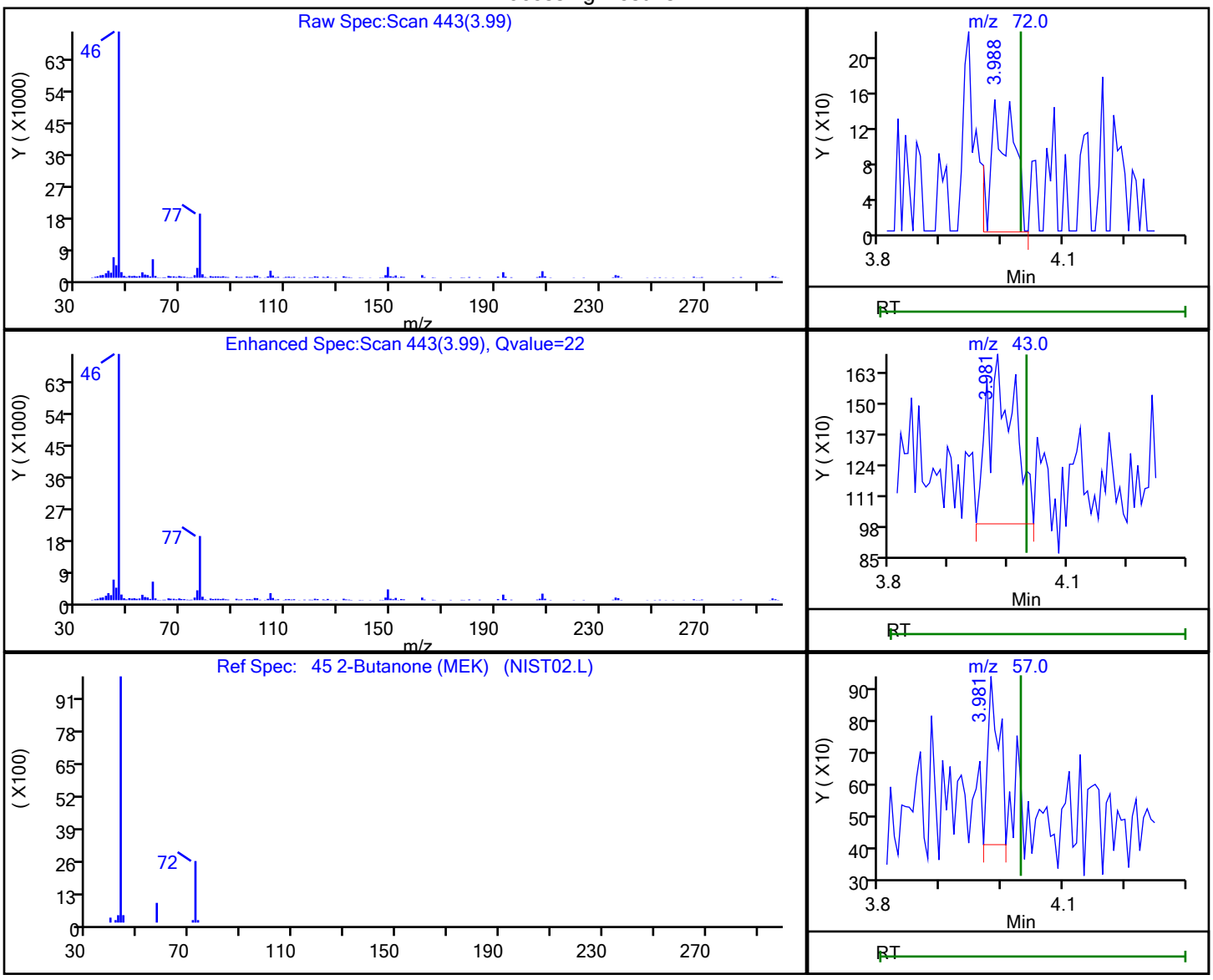
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.99	72.00	366	1.744502
3.98	43.00	2232	
3.98	57.00	684	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

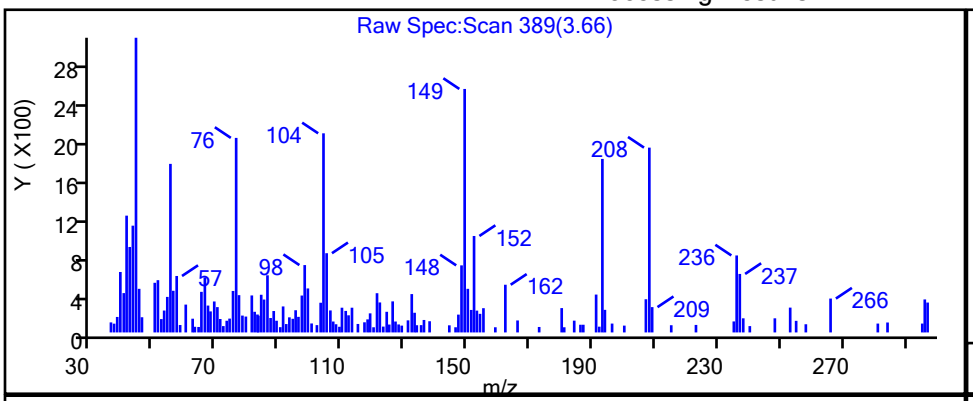
User Disabled Compound Report

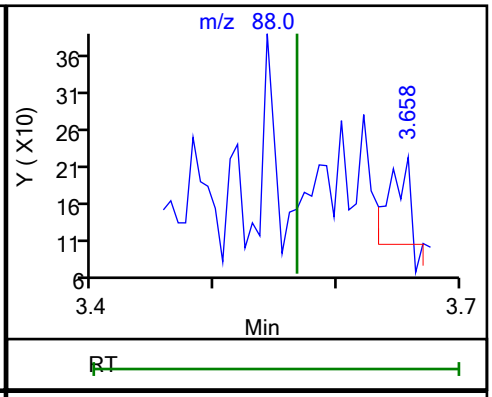
Eurofins Edison

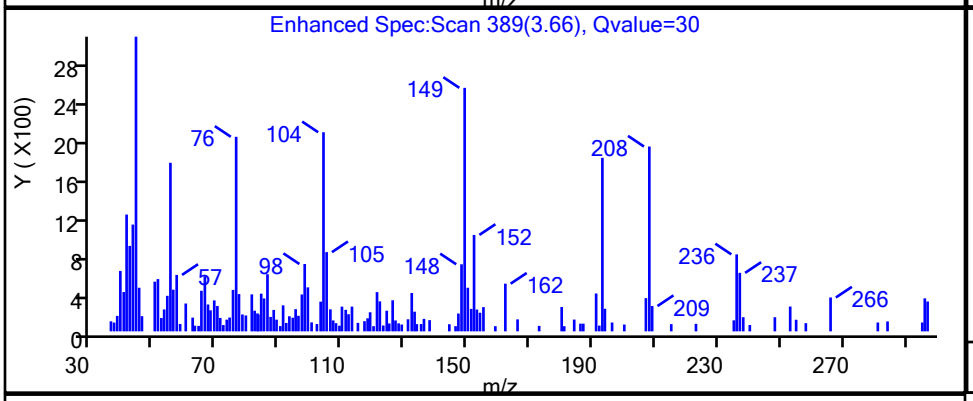
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

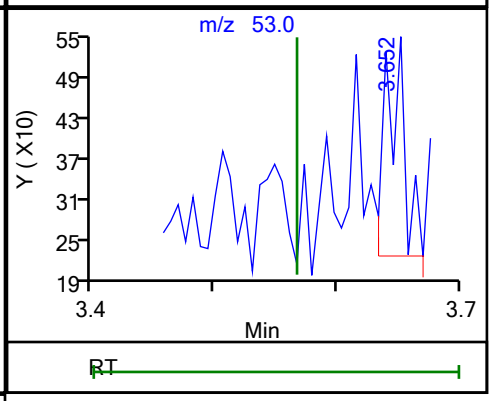
40 2-Chloro-1,3-butadiene, CAS: 126-99-8

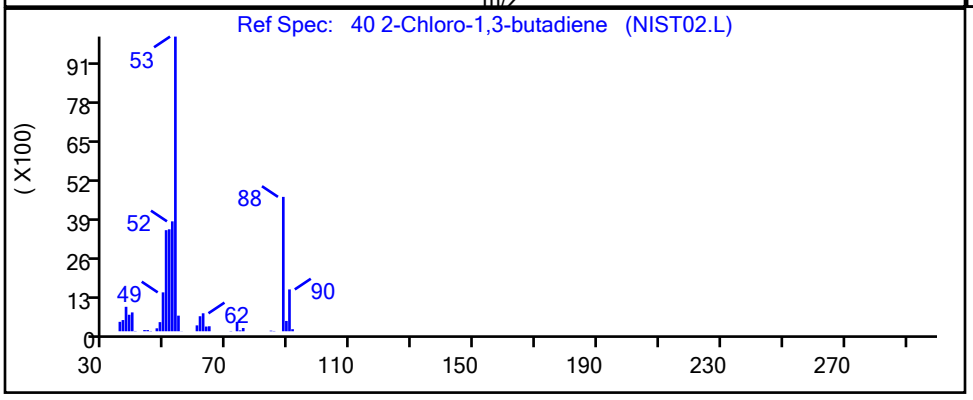
Processing Results











RT	Mass	Response	Amount
3.66	88.00	121	0.039312
3.65	53.00	342	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

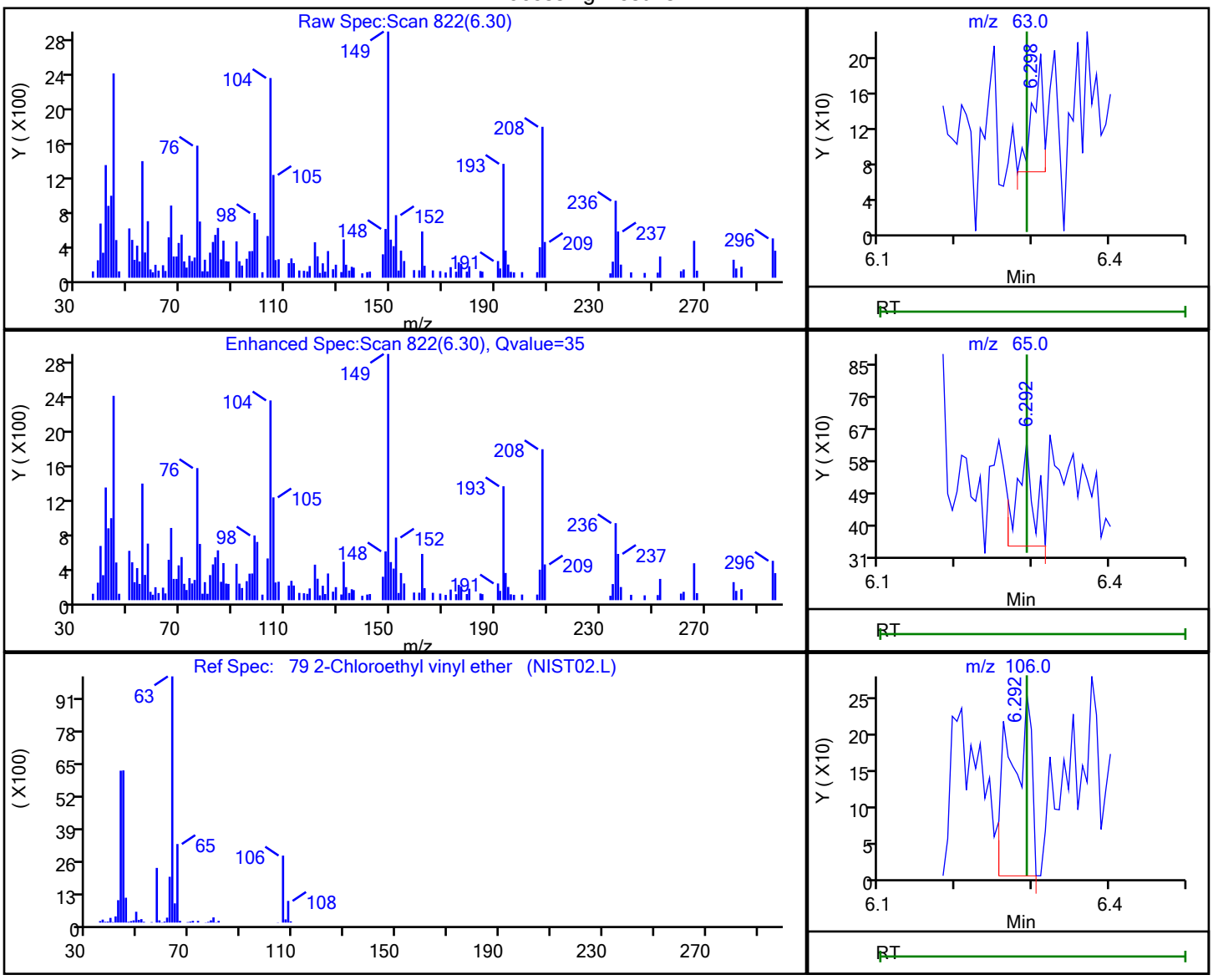
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
6.30	63.00	126	0.108777
6.29	65.00	427	
6.29	106.00	482	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

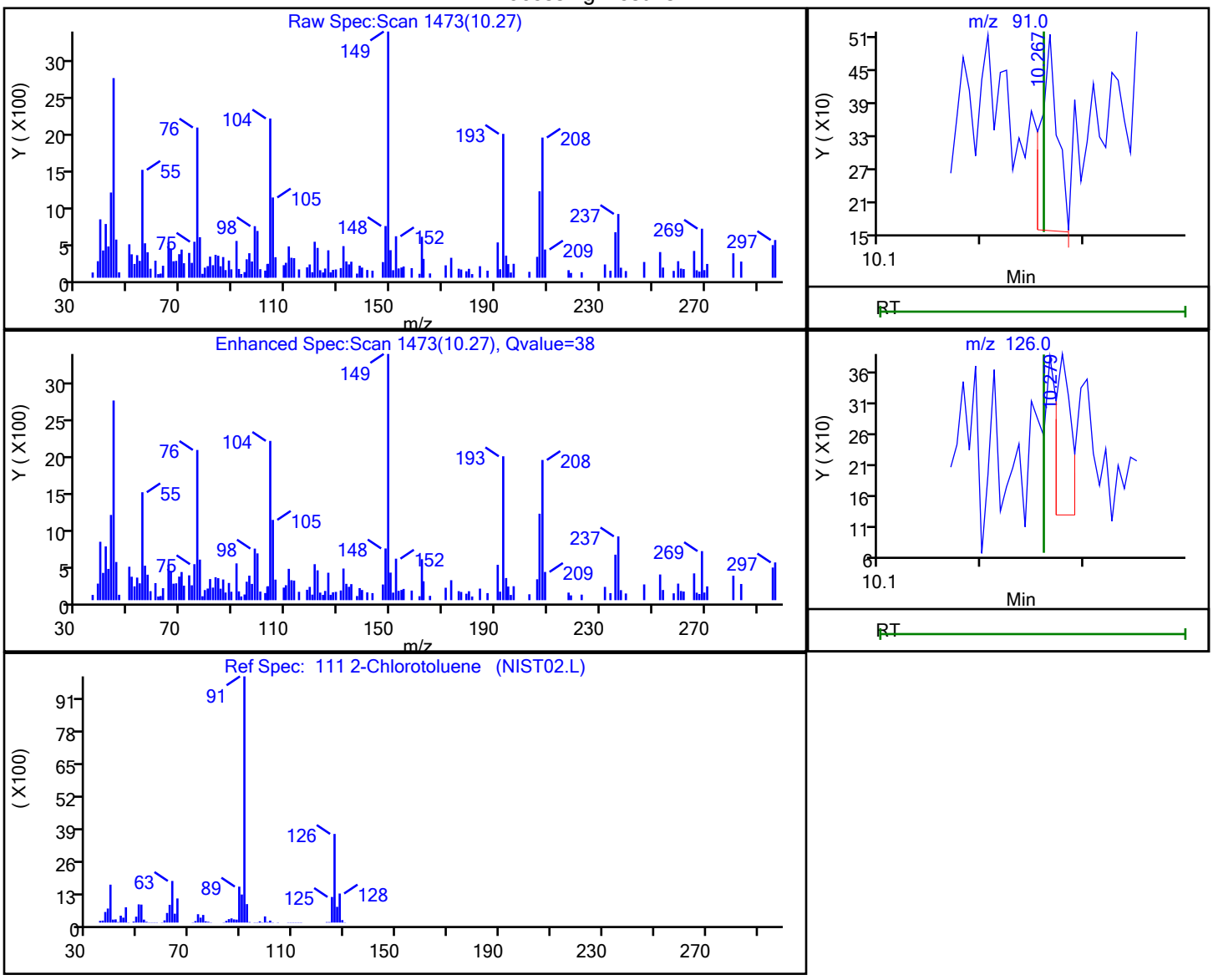
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

111 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
10.27	91.00	385	0.029764
10.28	126.00	265	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

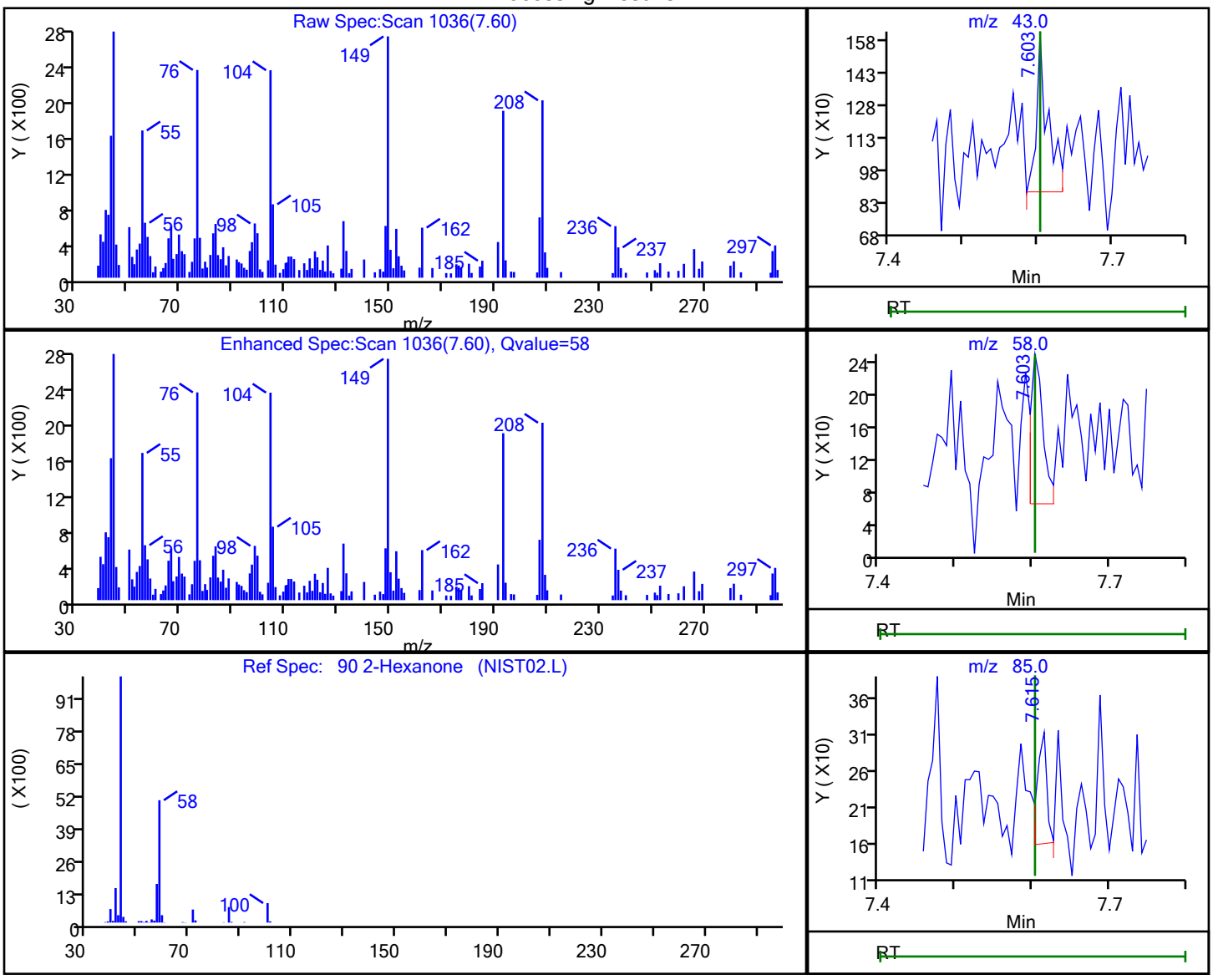
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

90 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.60	43.00	814	0.744592
7.60	58.00	213	
7.61	85.00	134	
7.61	100.00	185	

Reviewer: FK2C, 09-May-2024 09:07:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

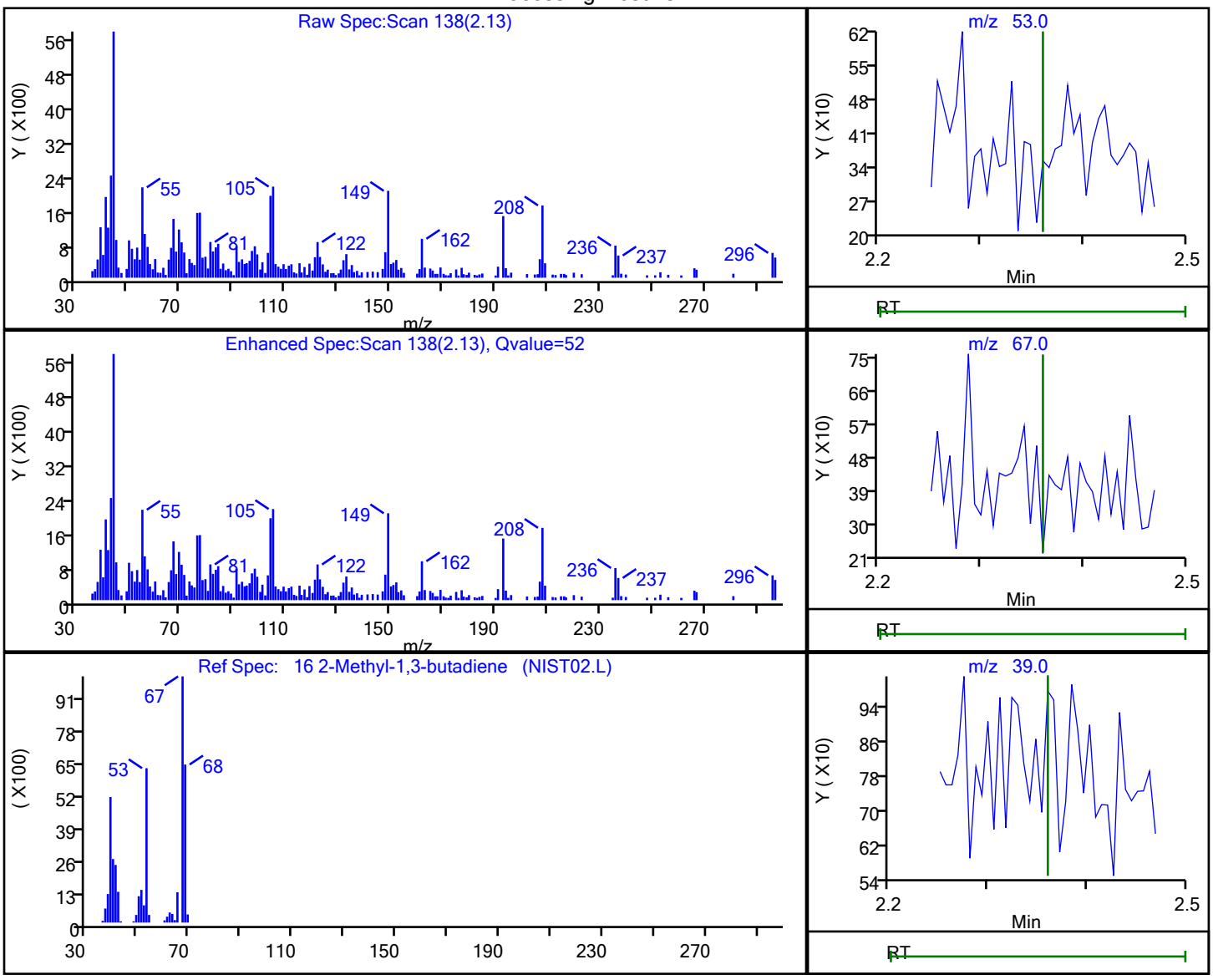
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.13	53.00	593	0.208877
2.14	67.00	2074	
2.13	39.00	1890	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

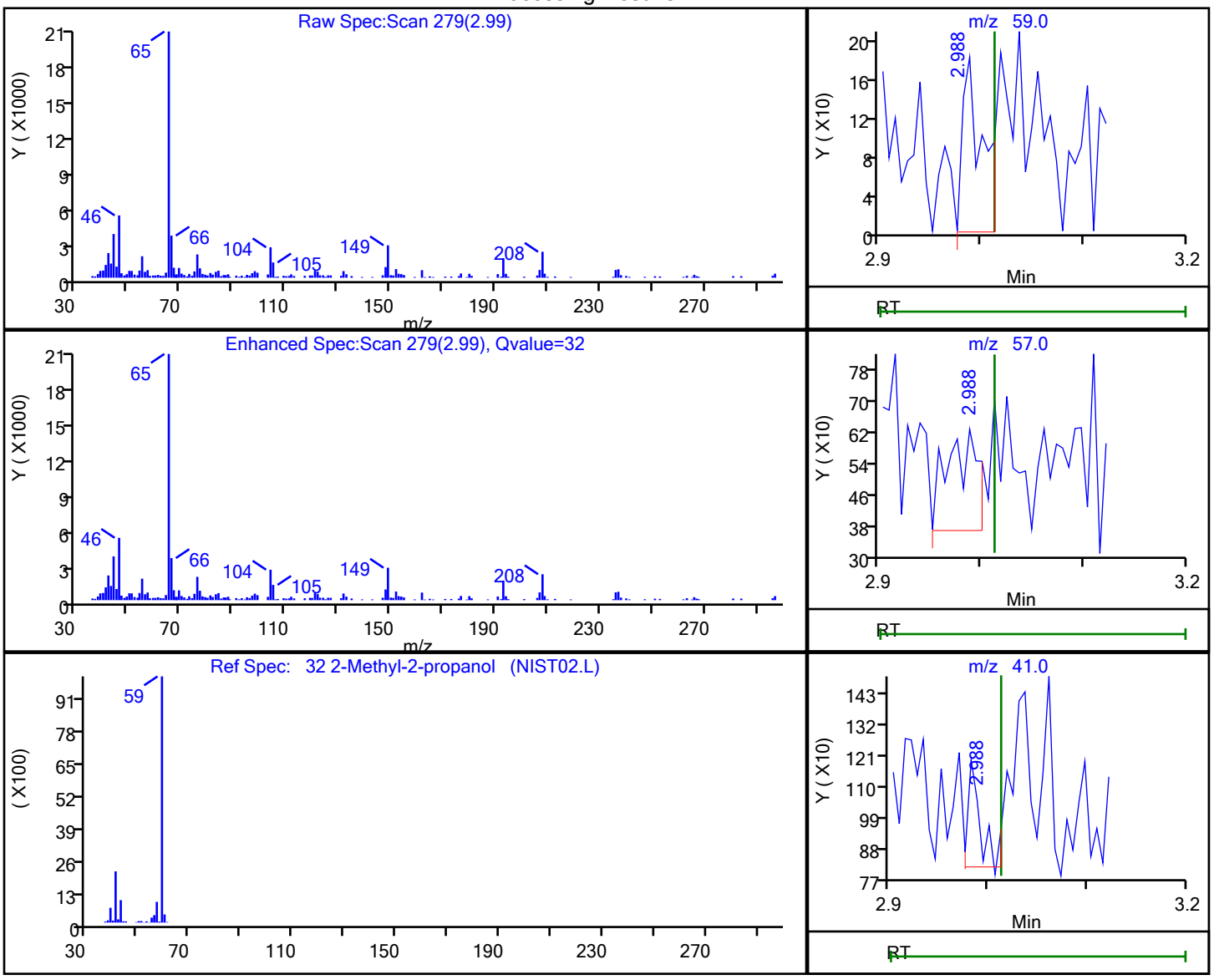
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.99	59.00	245	1.280909
2.99	57.00	537	
2.99	41.00	344	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

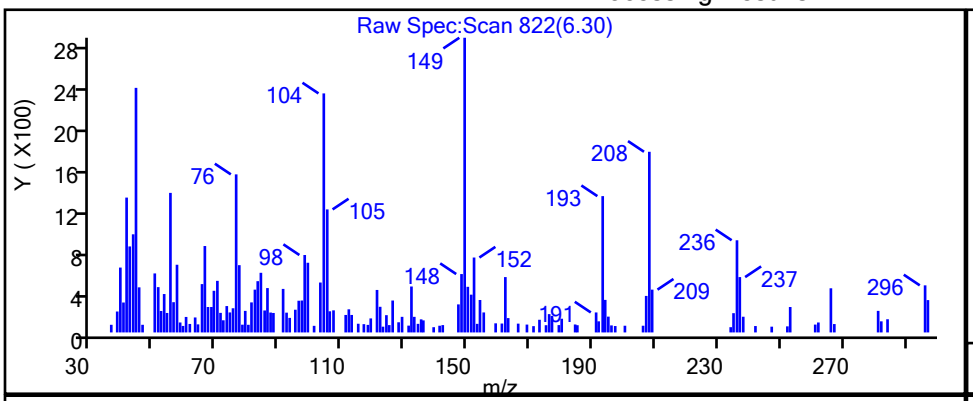
User Disabled Compound Report

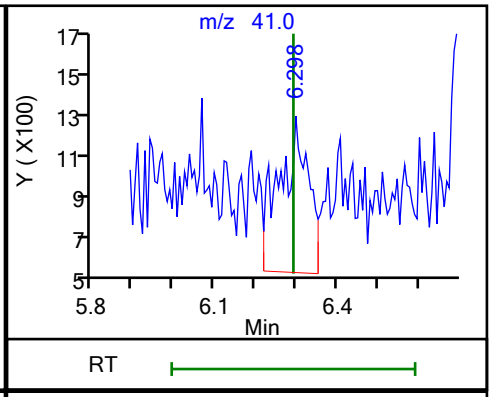
Eurofins Edison

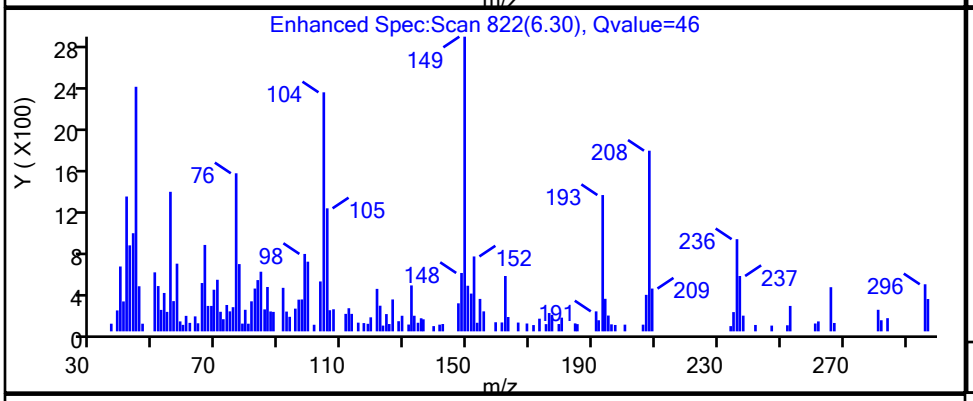
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

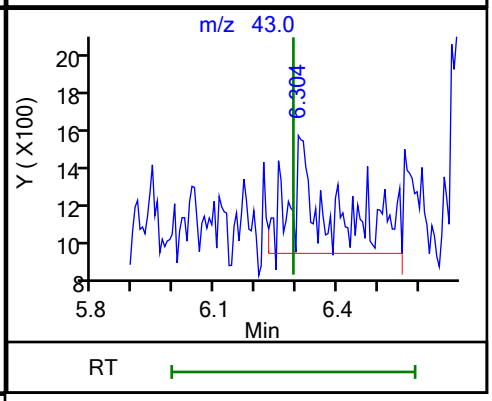
78 2-Nitropropane, CAS: 79-46-9

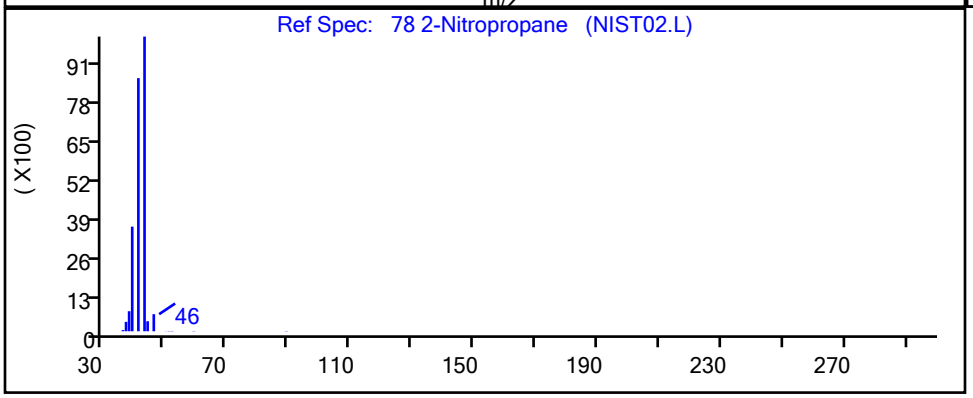
Processing Results











RT	Mass	Response	Amount
6.30	41.00	3760	4.788081
6.30	43.00	4408	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

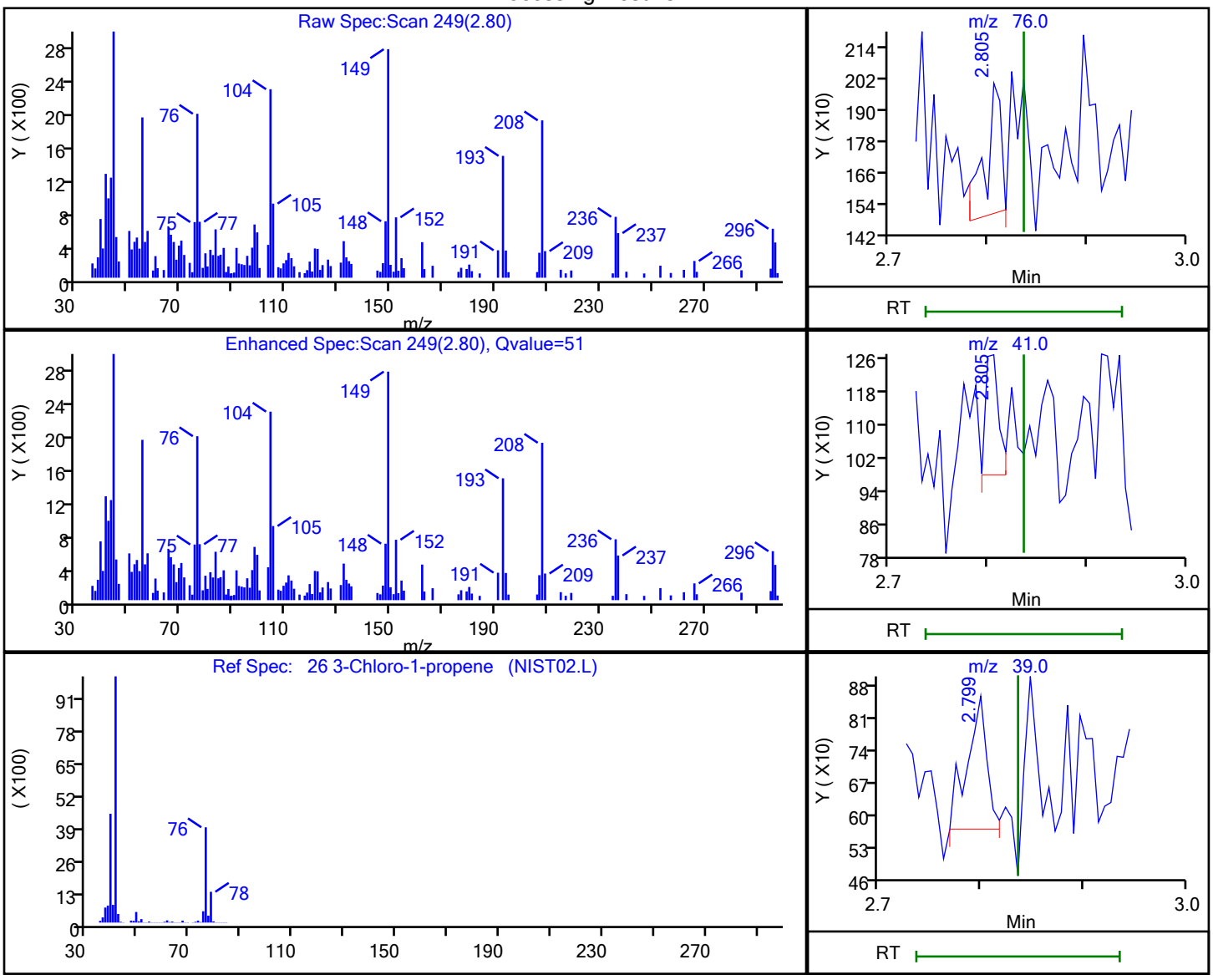
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.80	76.00	560	0.261086
2.80	41.00	269	
2.80	39.00	387	

Reviewer: FK2C, 09-May-2024 09:06:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

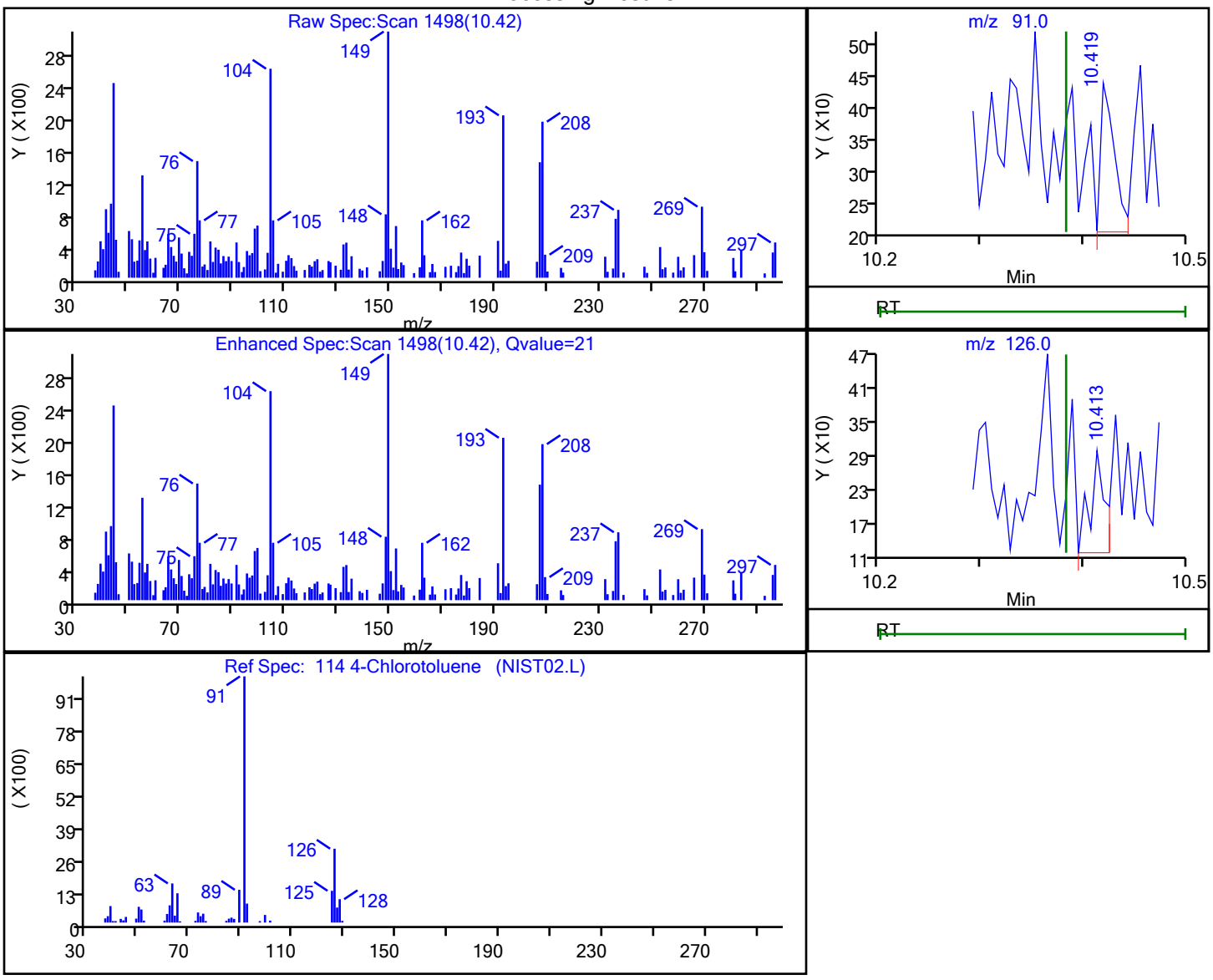
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

114 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.42	91.00	211	0.021951
10.41	126.00	186	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

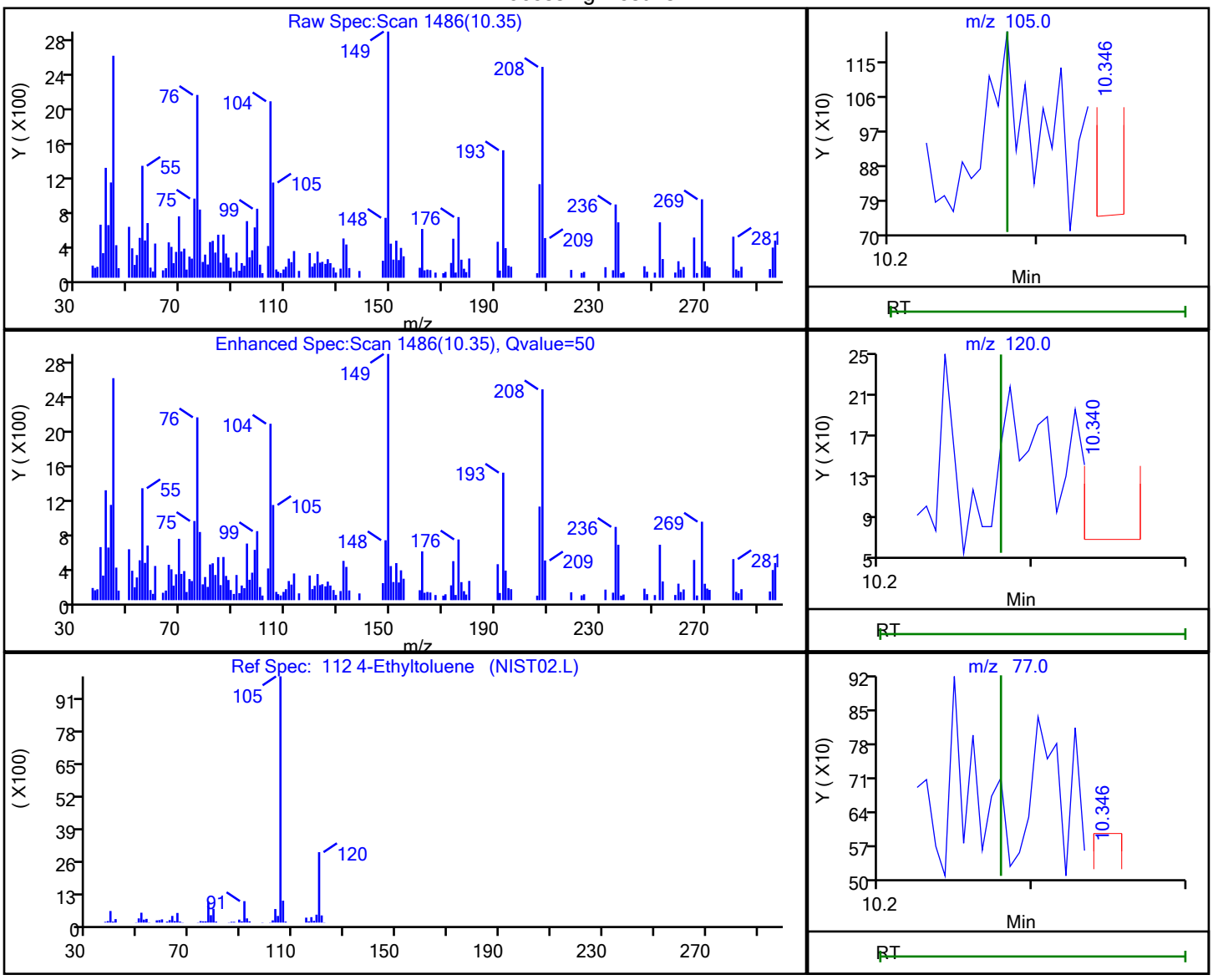
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.35	105.00	318	0.021735
10.34	120.00	141	
10.35	77.00	295	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

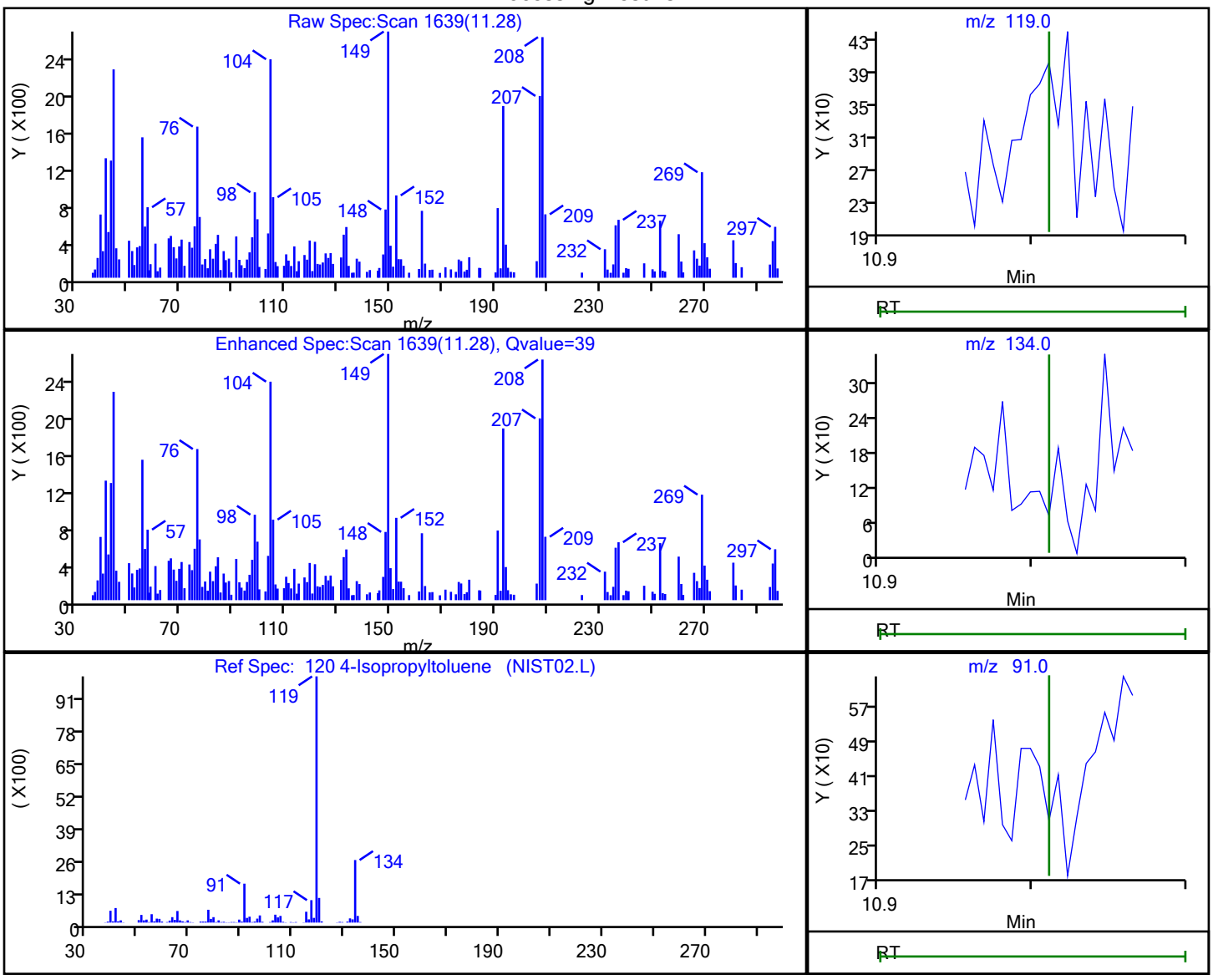
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

120 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
11.28	119.00	125	0.009037
11.27	134.00	198	
11.27	91.00	224	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

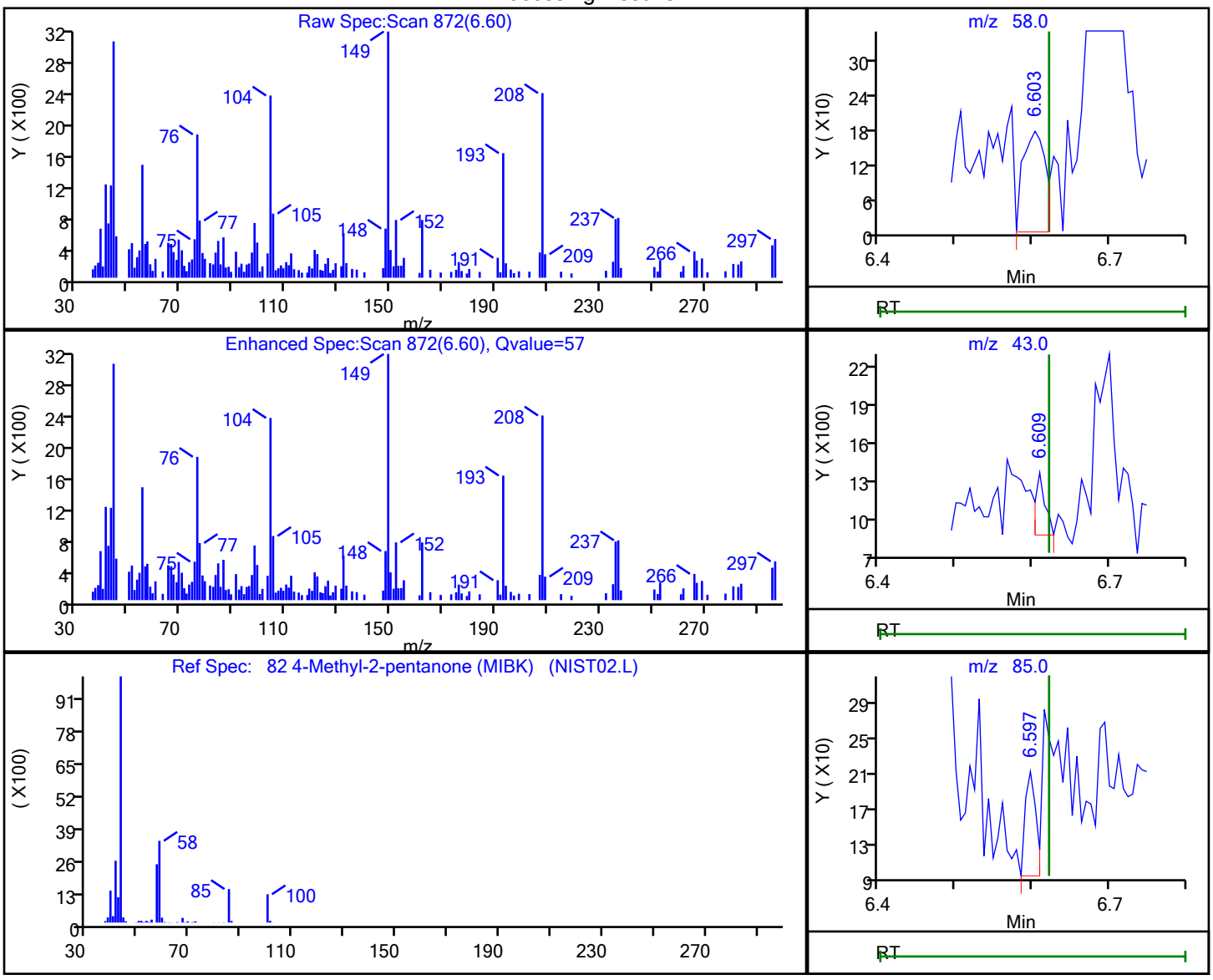
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.60	58.00	346	0.497107
6.61	43.00	393	
6.60	85.00	114	
6.60	100.00	153	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

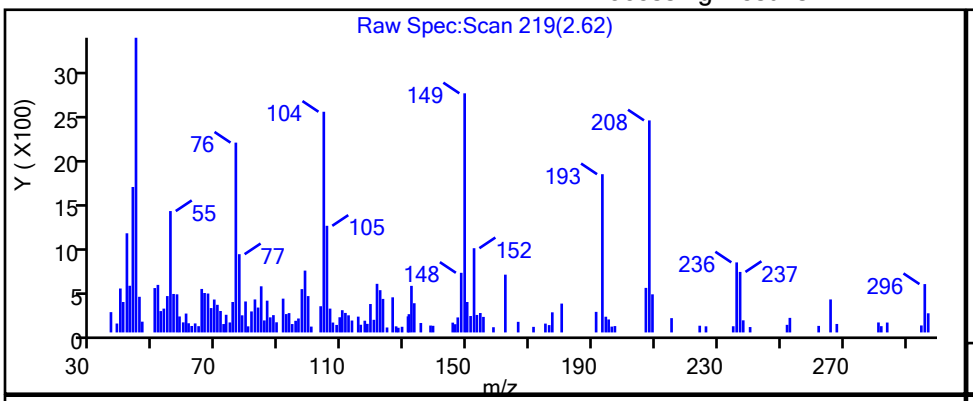
User Disabled Compound Report

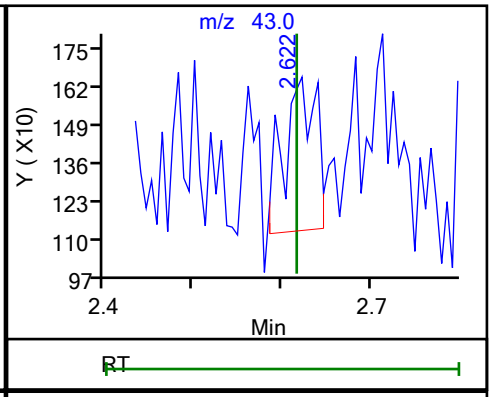
Eurofins Edison

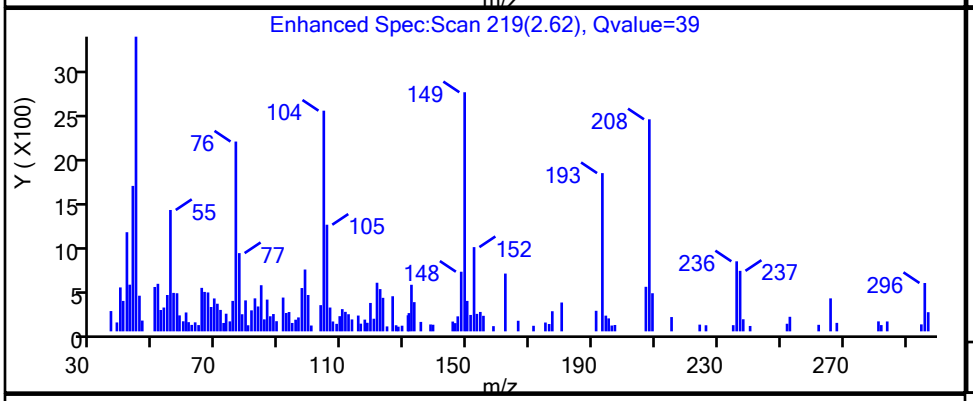
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

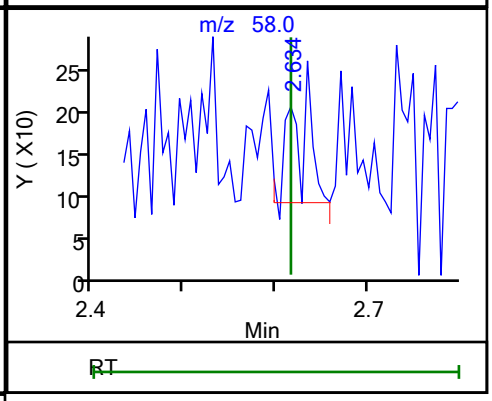
22 Acetone, CAS: 67-64-1

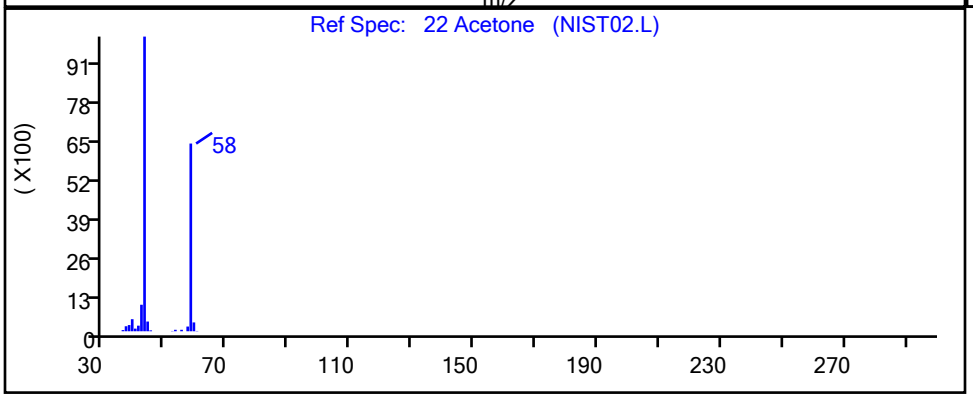
Processing Results











RT	Mass	Response	Amount
2.62	43.00	1356	2.172696
2.63	58.00	212	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

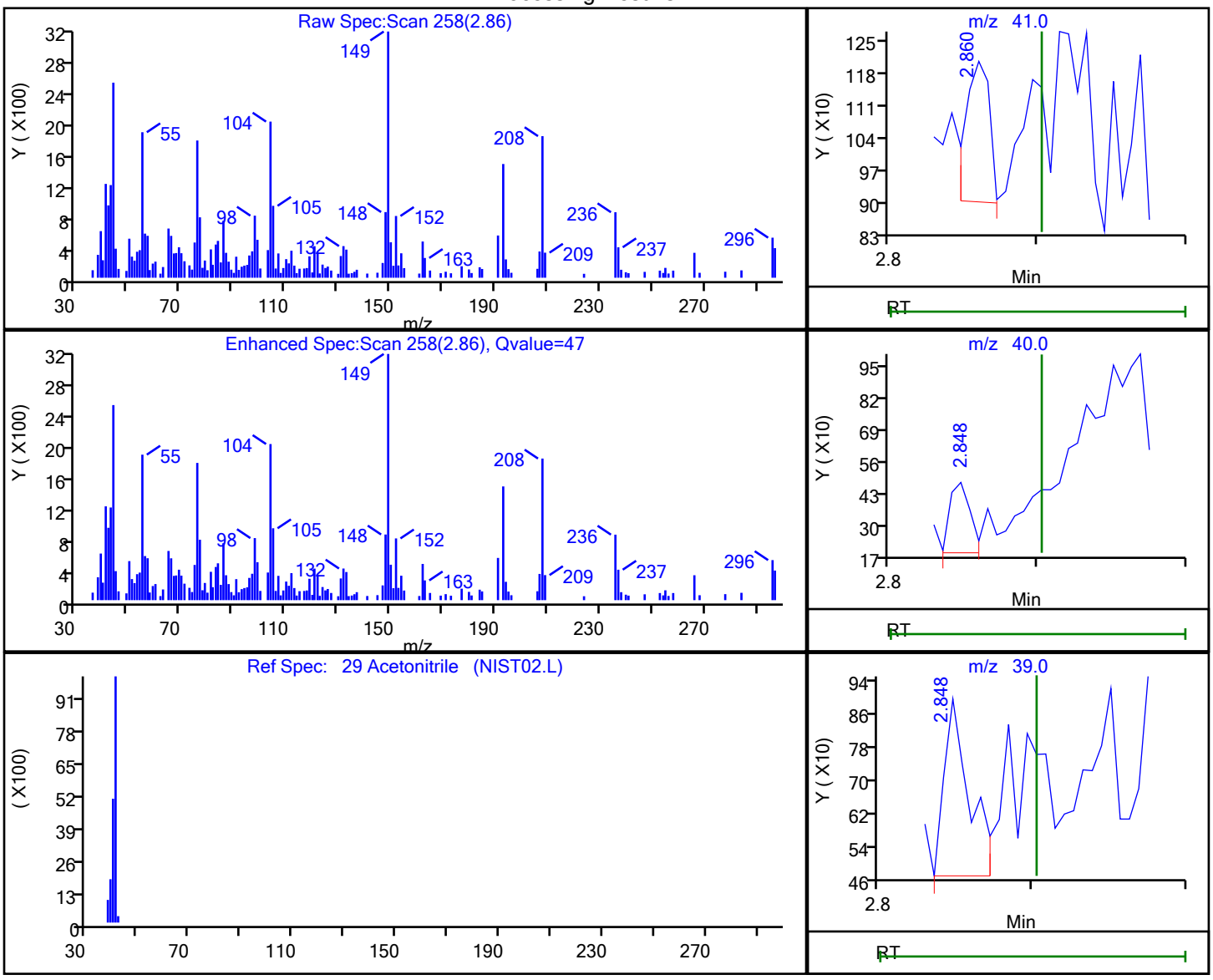
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.86	41.00	338	1.437355
2.85	40.00	287	
2.85	39.00	490	
2.86	38.00	148	

Reviewer: FK2C, 09-May-2024 09:06:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

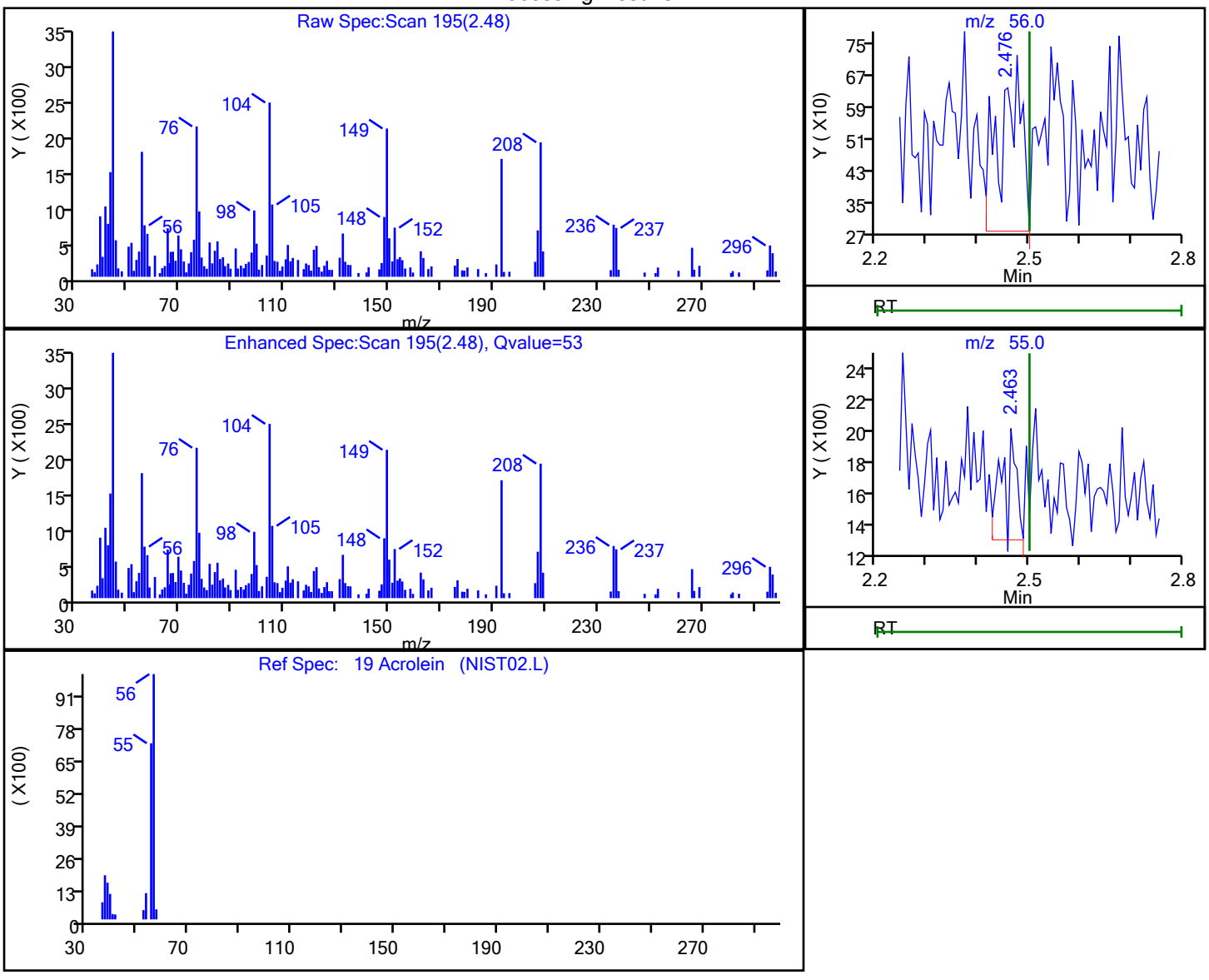
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.48	56.00	1275	4.811124
2.46	55.00	1165	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

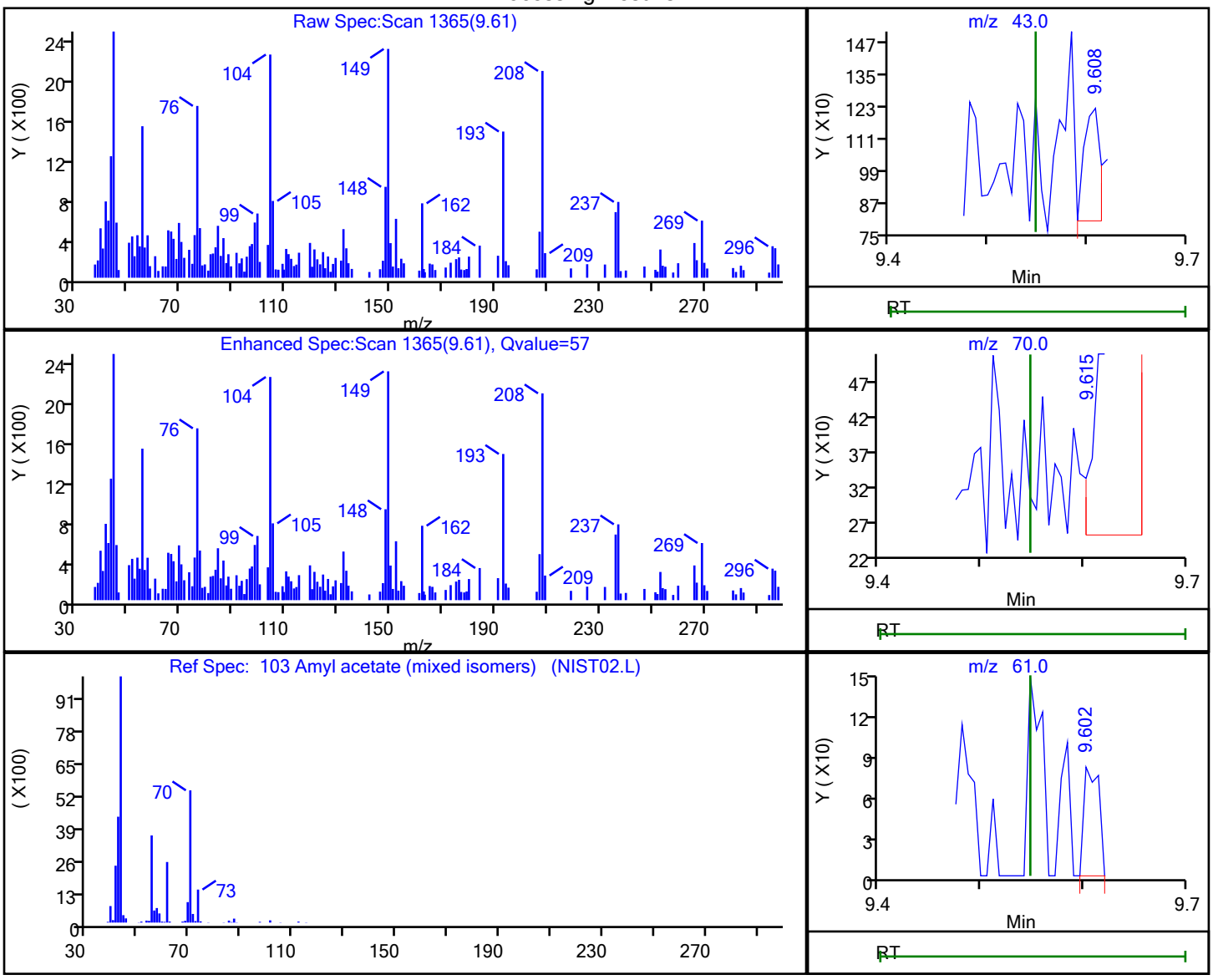
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
9.61	43.00	469	0.166273
9.61	70.00	548	
9.60	61.00	80	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

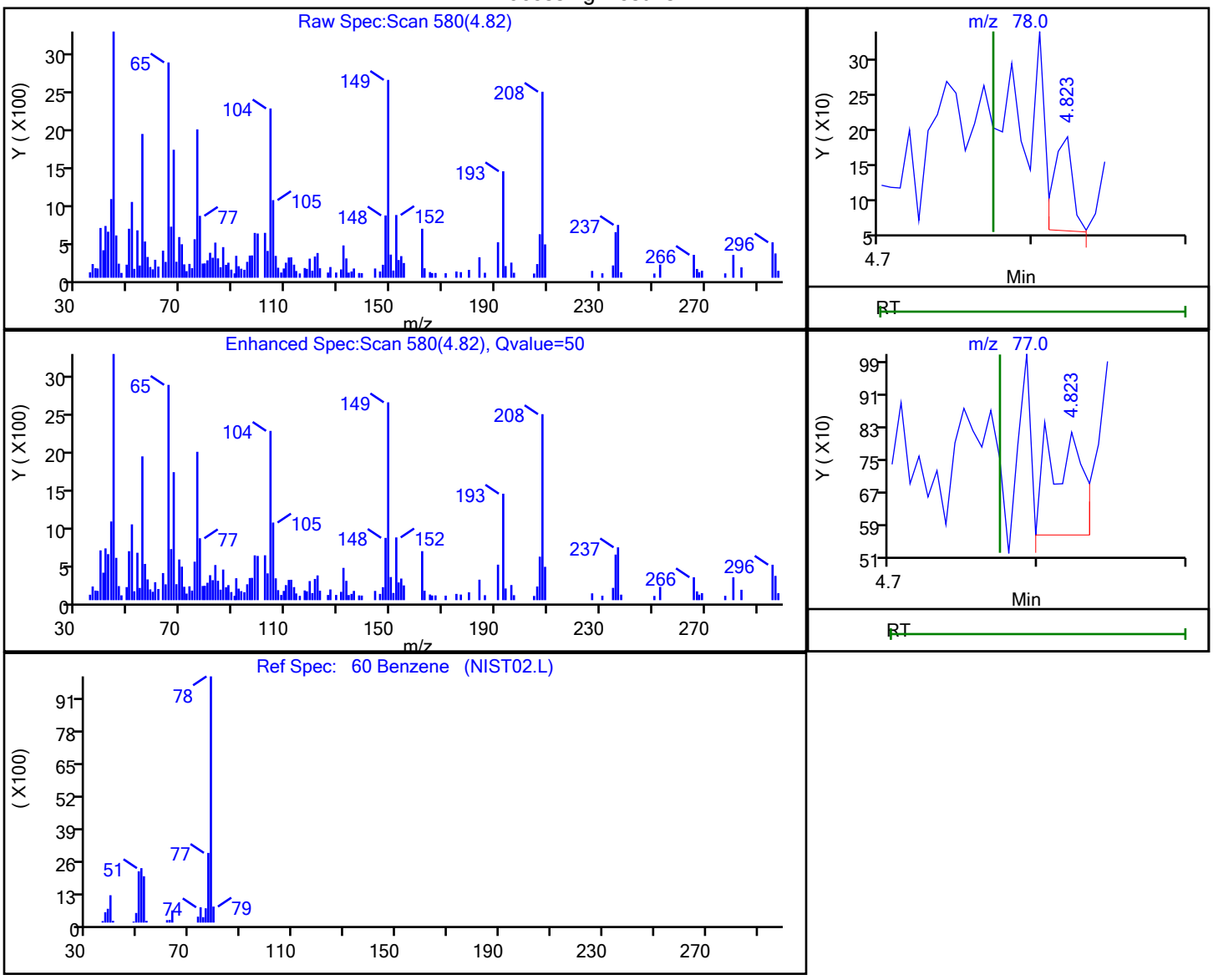
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.82	78.00	117	0.009379
4.82	77.00	394	

Reviewer: FK2C, 09-May-2024 09:06:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

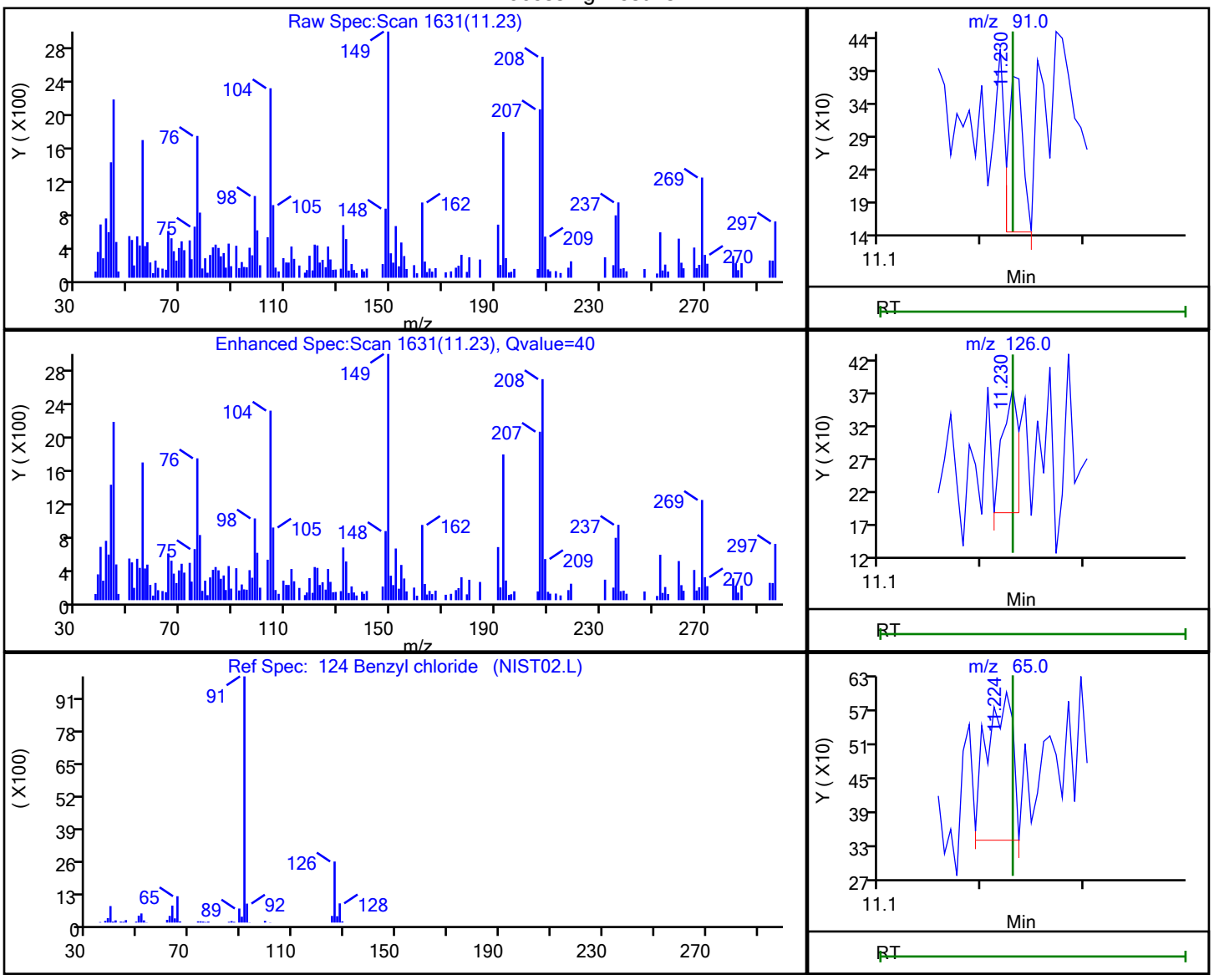
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
11.23	91.00	233	0.059734
11.23	126.00	204	
11.22	65.00	463	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

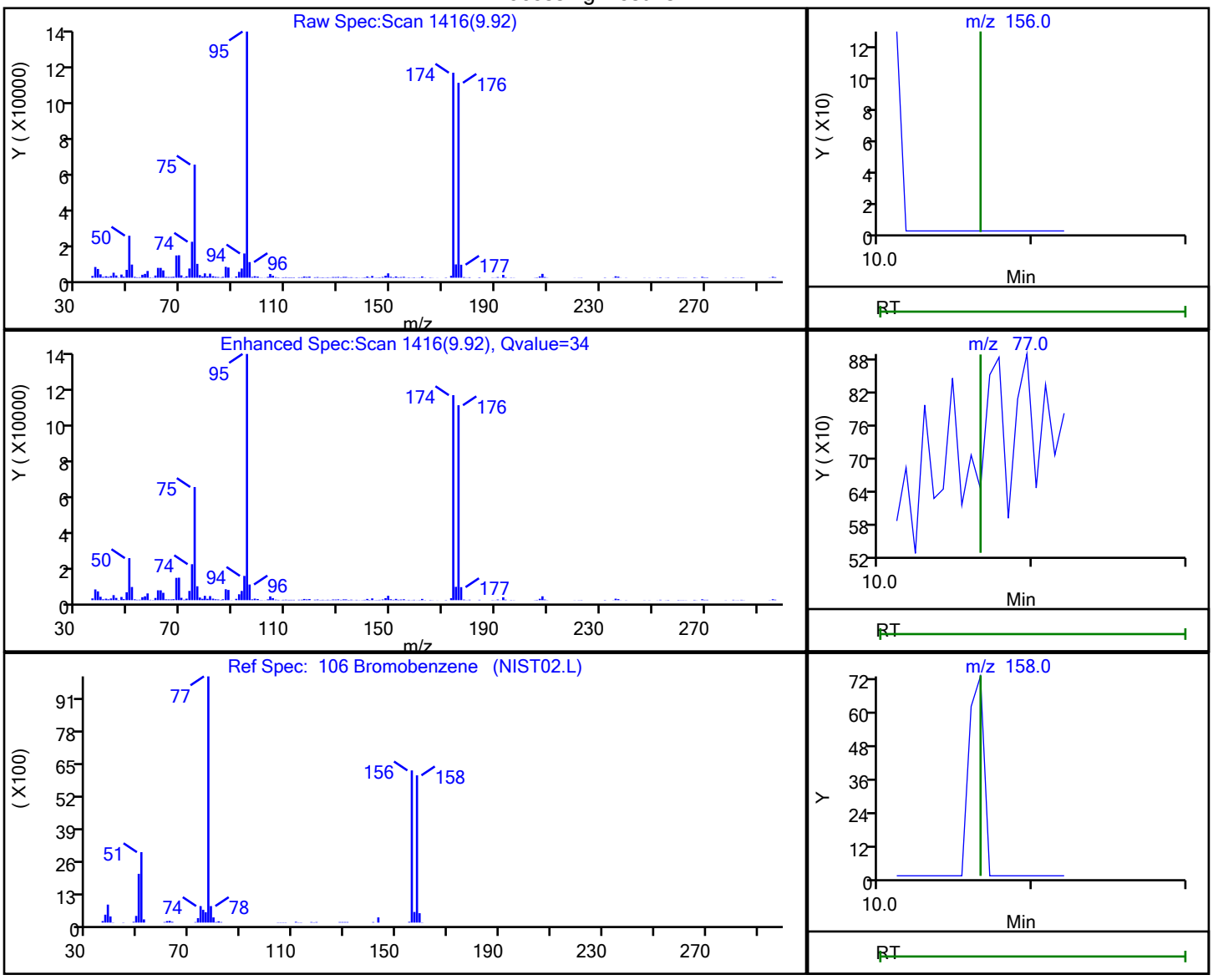
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

106 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.92	156.00	44	0.012261
9.93	77.00	1831	
9.91	158.00	148	

Reviewer: FK2C, 09-May-2024 09:07:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

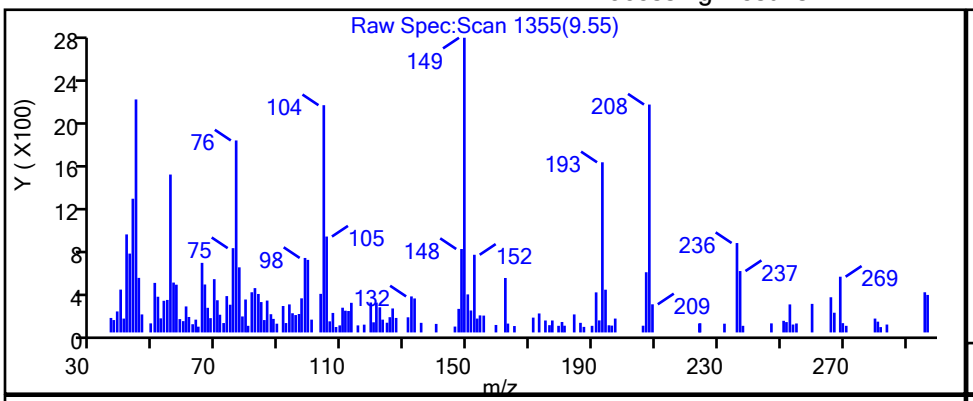
User Disabled Compound Report

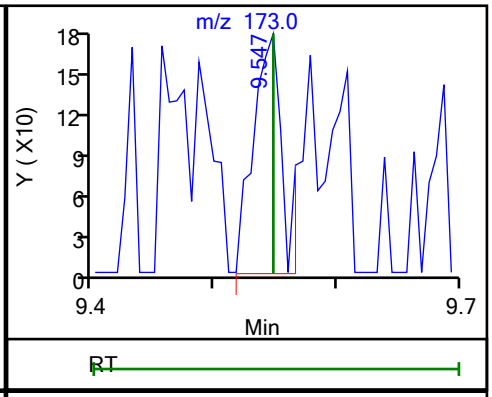
Eurofins Edison

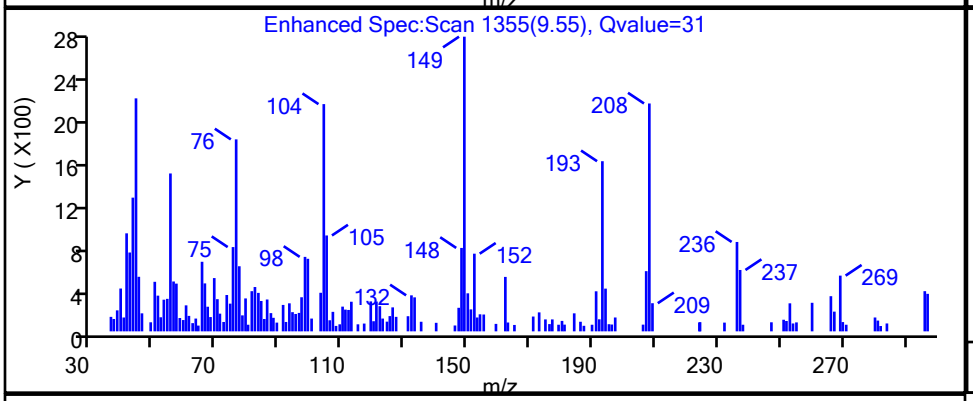
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

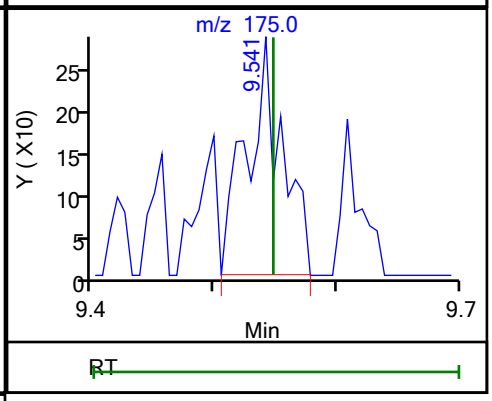
102 Bromoform, CAS: 75-25-2

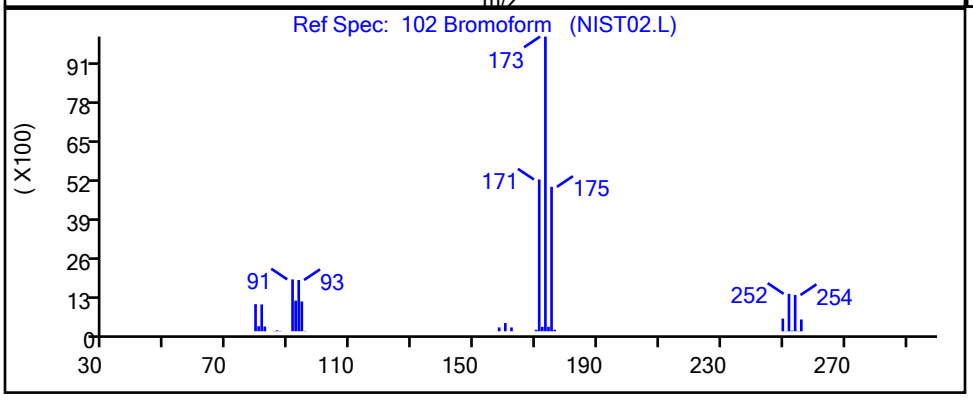
Processing Results











RT	Mass	Response	Amount
9.55	173.00	295	0.188719
9.54	175.00	576	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

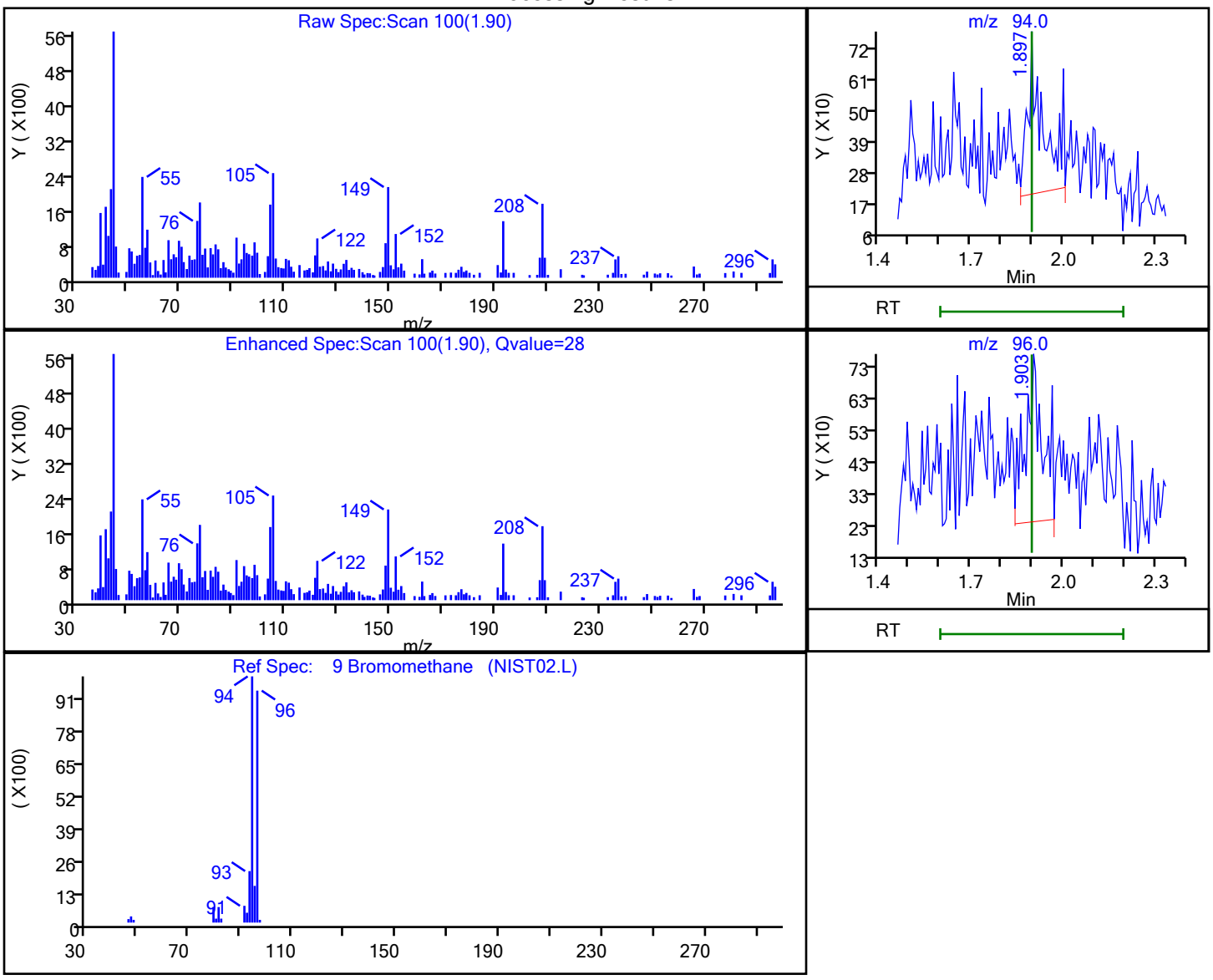
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.90	94.00	1950	0.589832
1.90	96.00	2018	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

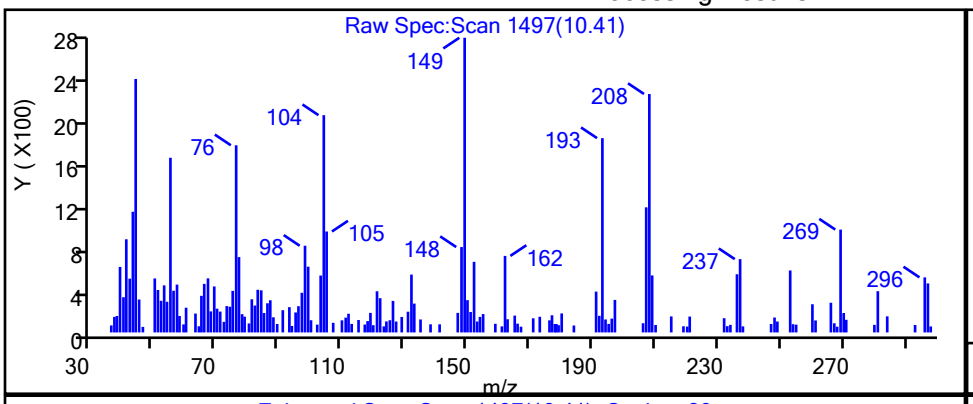
User Disabled Compound Report

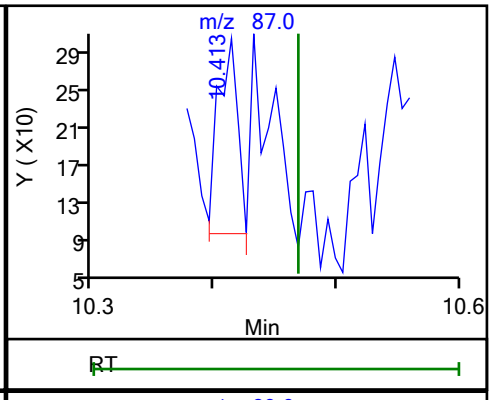
Eurofins Edison

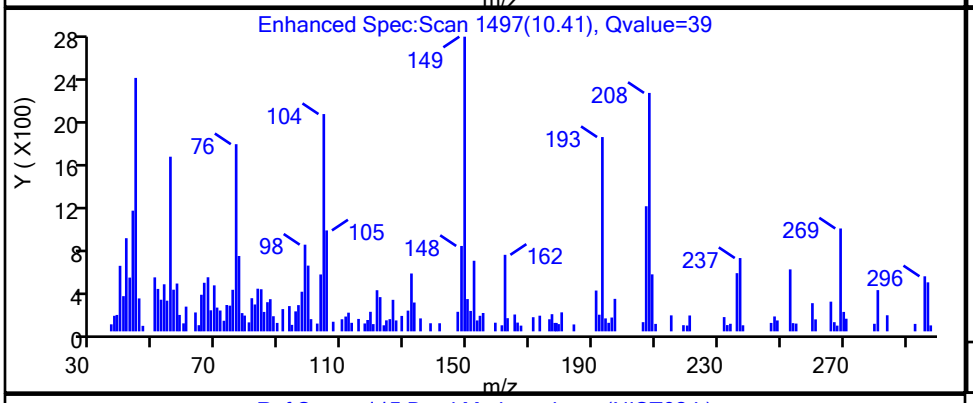
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

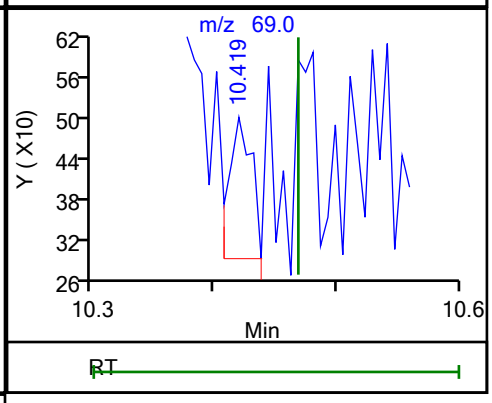
115 Butyl Methacrylate, CAS: 97-88-1

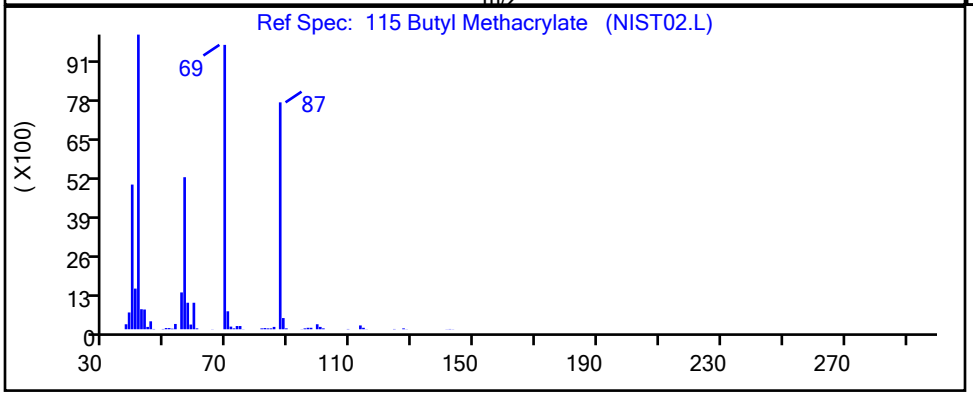
Processing Results











RT	Mass	Response	Amount
10.41	87.00	224	0.069994
10.42	69.00	267	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

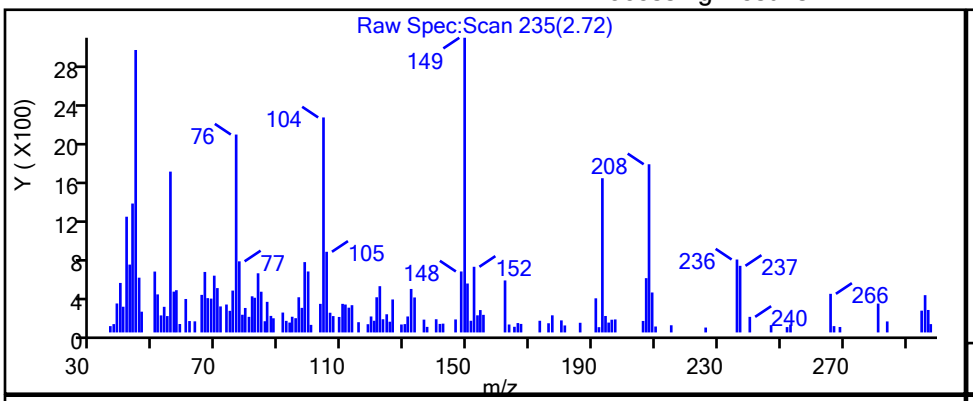
User Disabled Compound Report

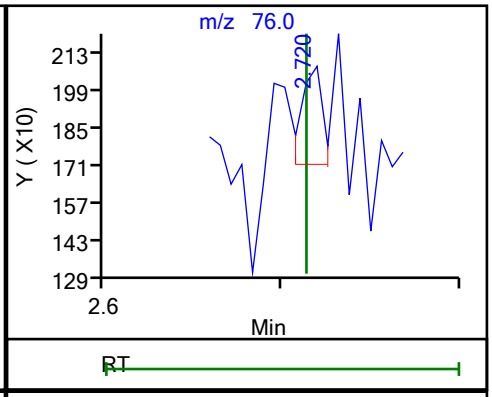
Eurofins Edison

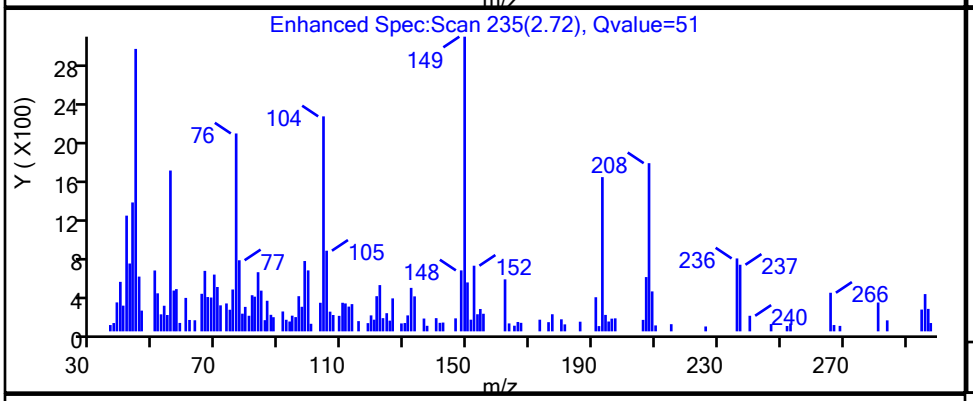
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

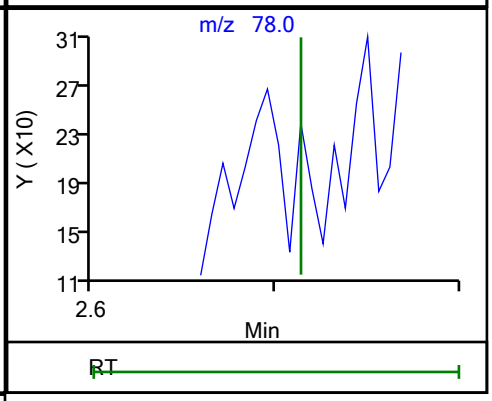
24 Carbon disulfide, CAS: 75-15-0

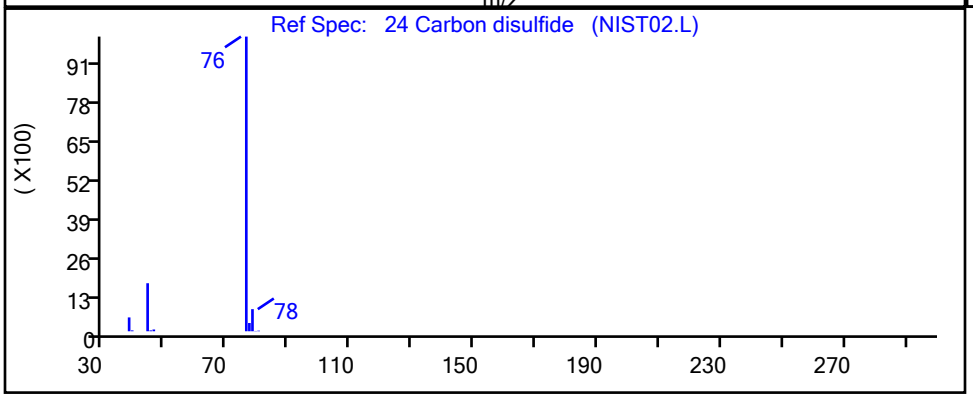
Processing Results











RT	Mass	Response	Amount
2.72	76.00	312	0.026704
2.72	78.00	0	

Reviewer: FK2C, 09-May-2024 09:06:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

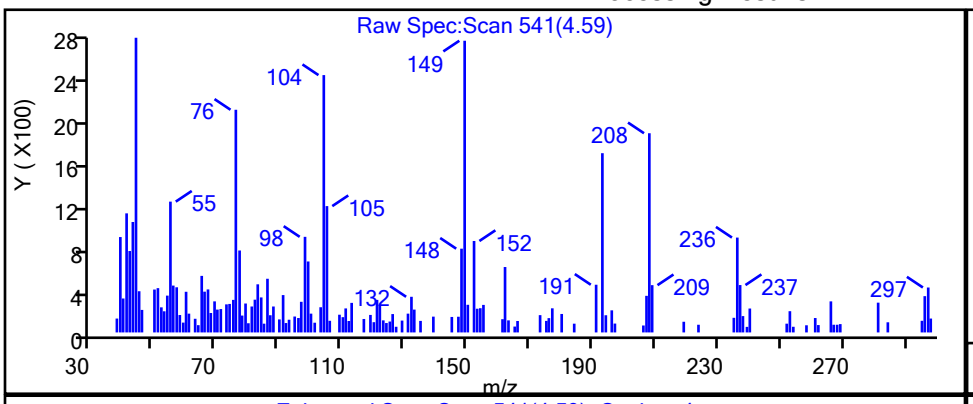
User Disabled Compound Report

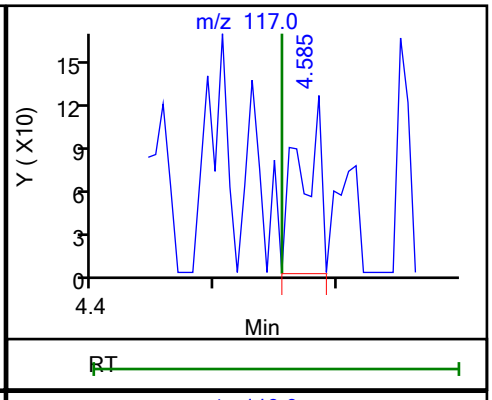
Eurofins Edison

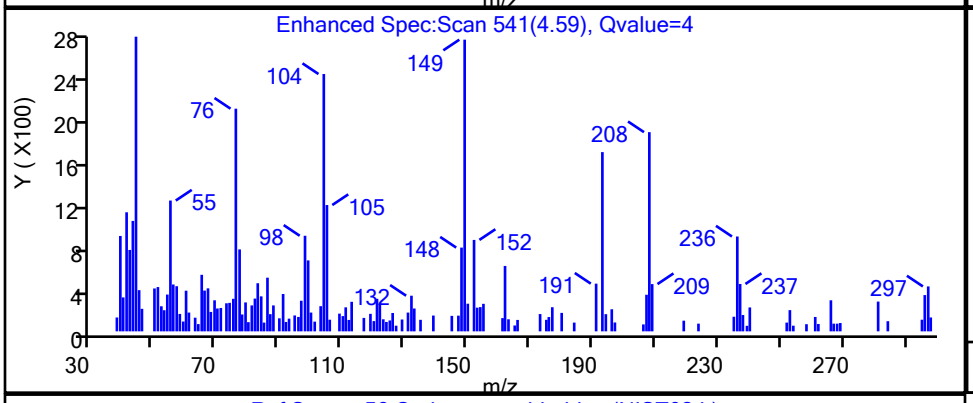
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

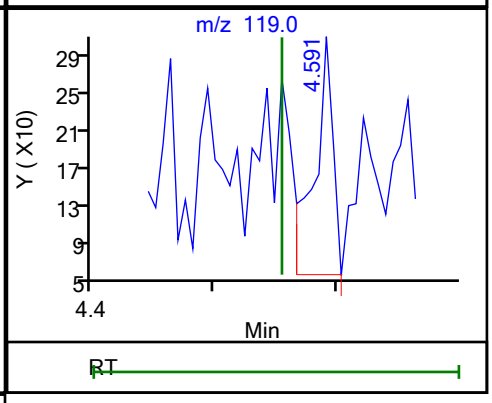
56 Carbon tetrachloride, CAS: 56-23-5

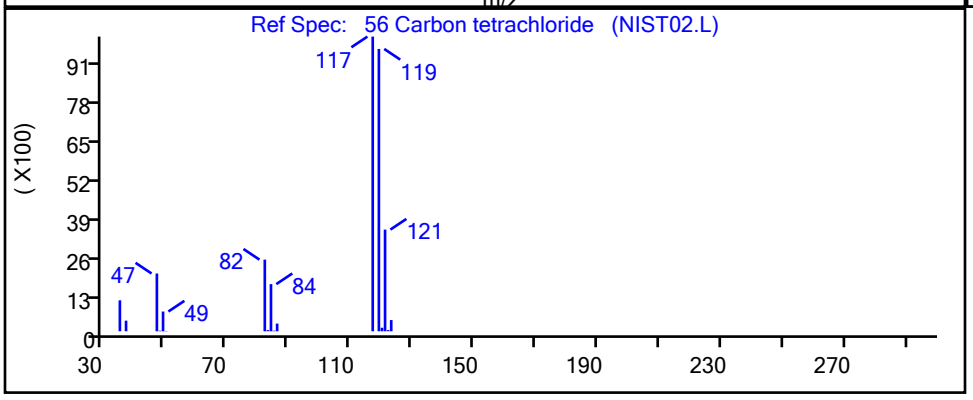
Processing Results











RT	Mass	Response	Amount
4.59	117.00	151	0.028219
4.59	119.00	269	

Reviewer: FK2C, 09-May-2024 09:06:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

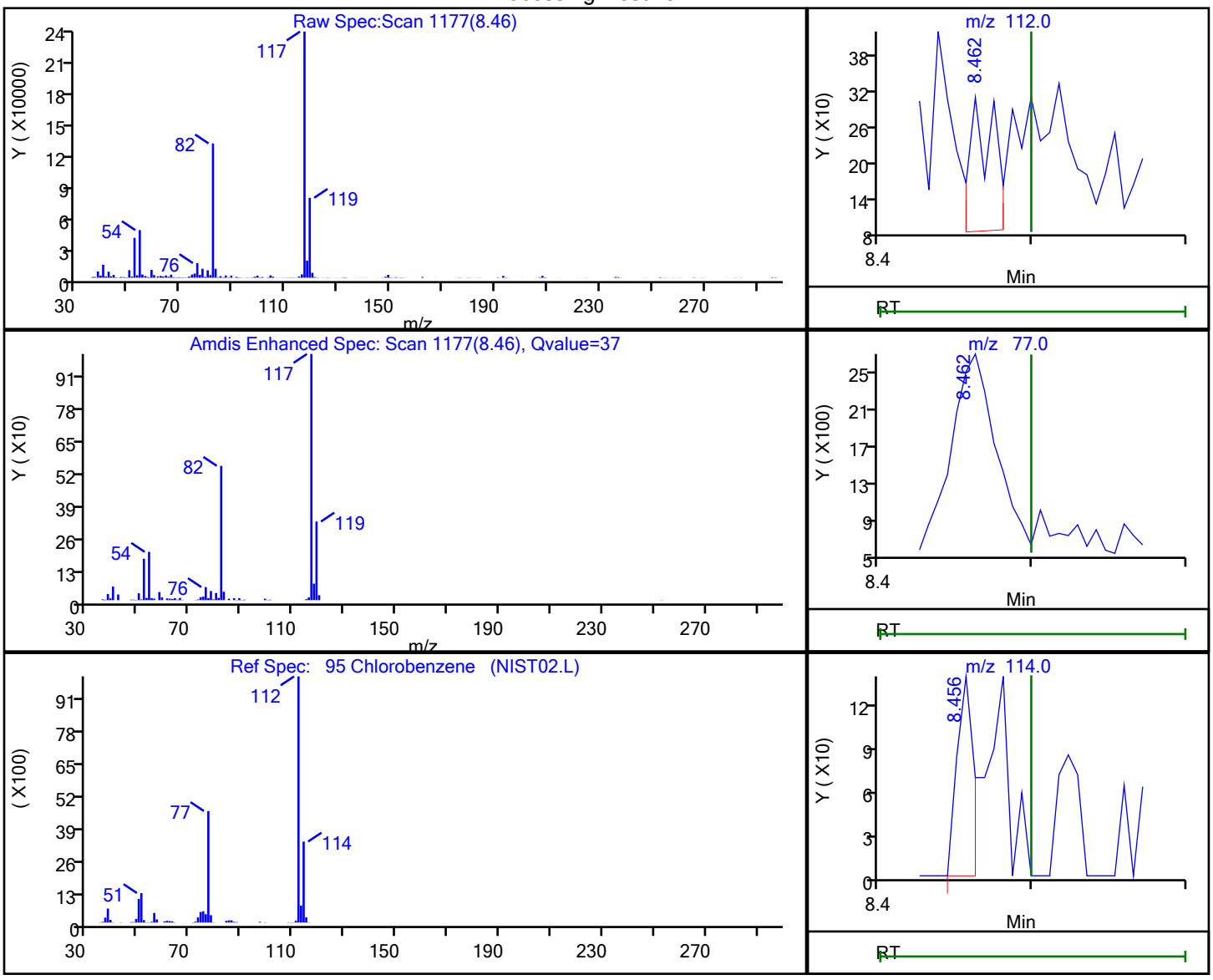
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
8.46	112.00	247	0.028910
8.46	77.00	4539	
8.46	114.00	101	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

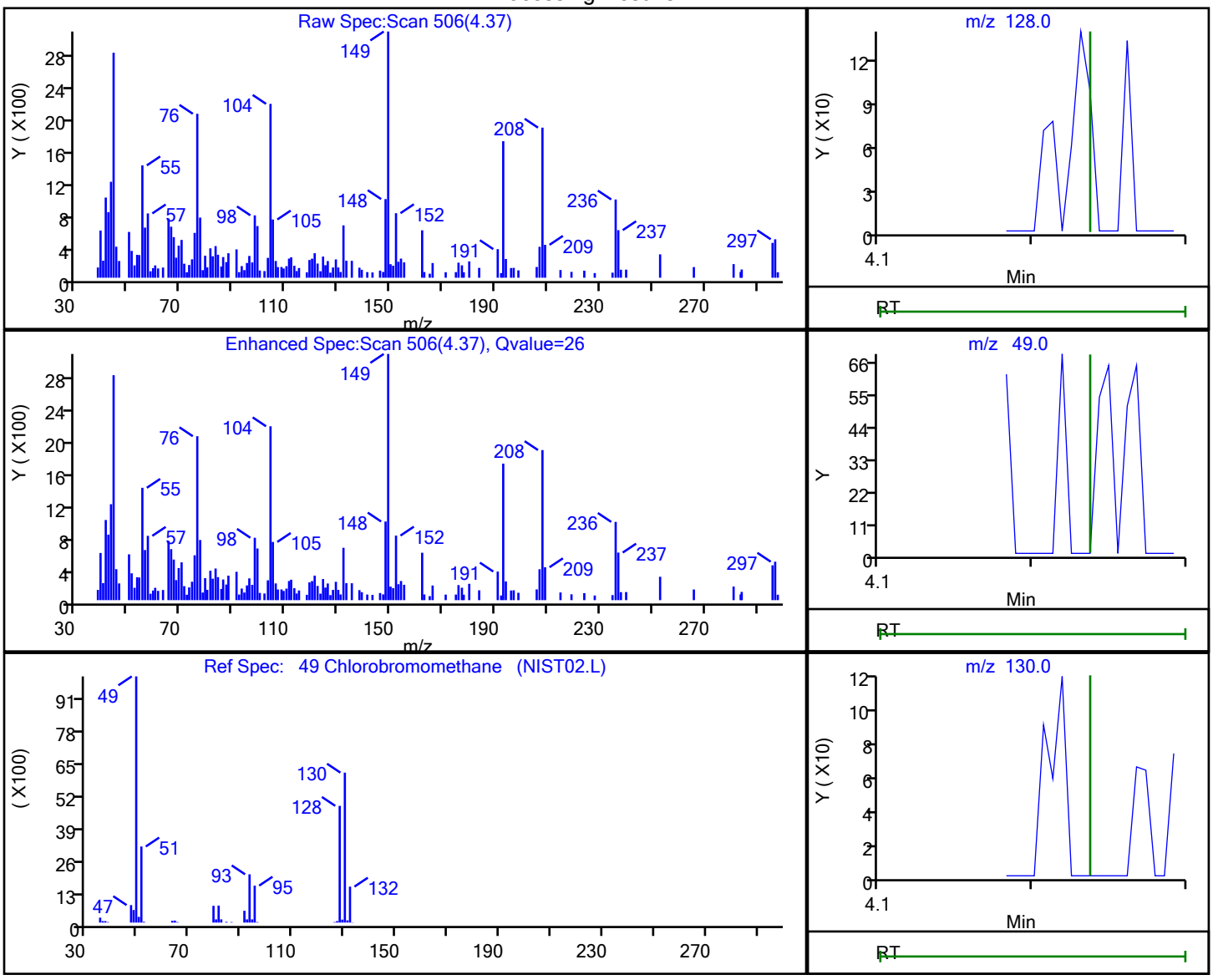
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

49 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
4.37	128.00	81	0.043471
4.37	49.00	81	
4.37	130.00	144	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

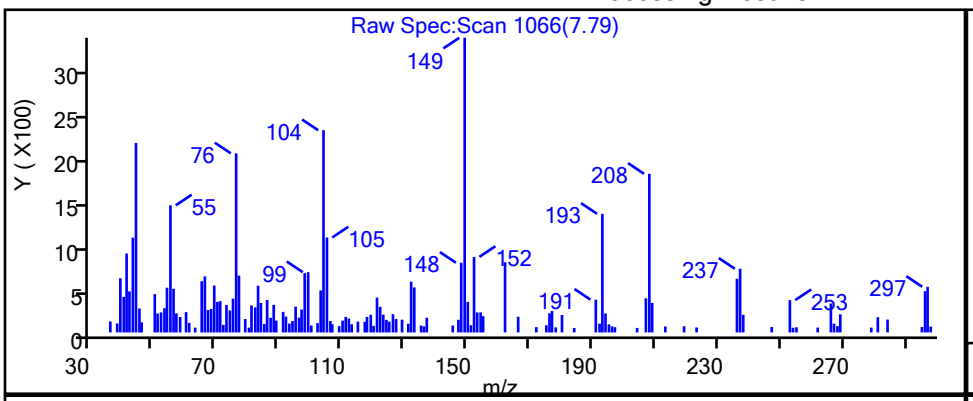
User Disabled Compound Report

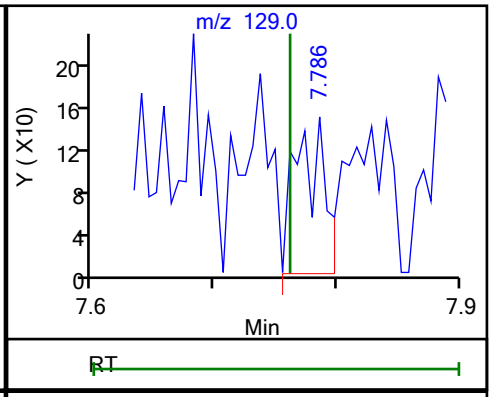
Eurofins Edison

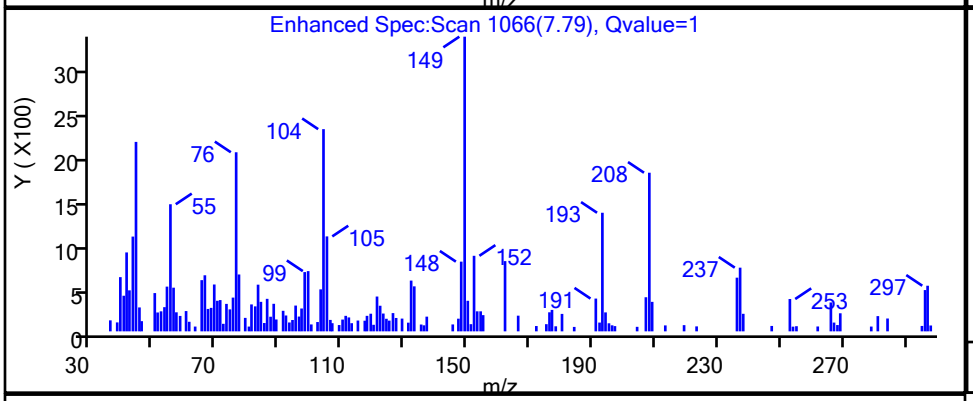
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

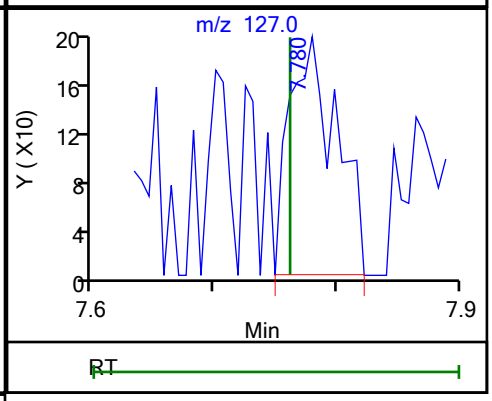
92 Chlorodibromomethane, CAS: 124-48-1

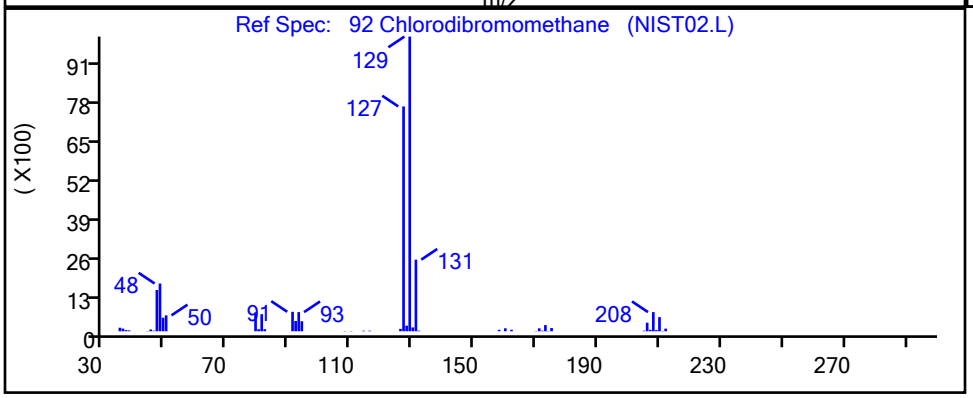
Processing Results











RT	Mass	Response	Amount
7.79	129.00	236	0.085388
7.78	127.00	536	

Reviewer: FK2C, 09-May-2024 09:07:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

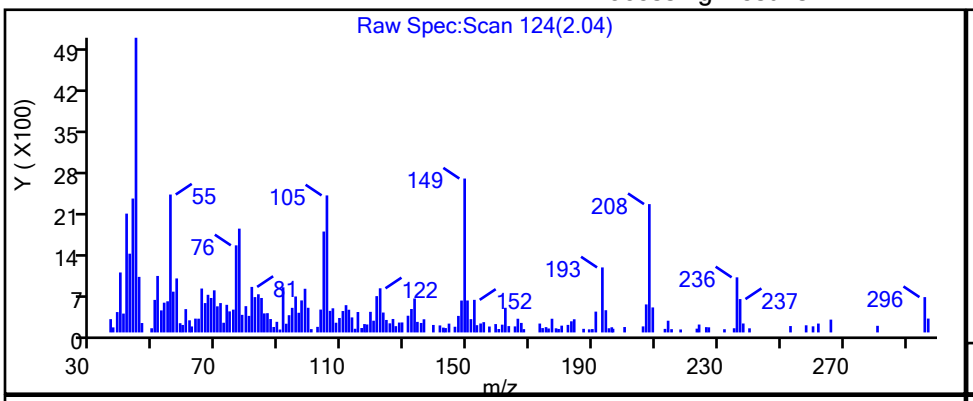
User Disabled Compound Report

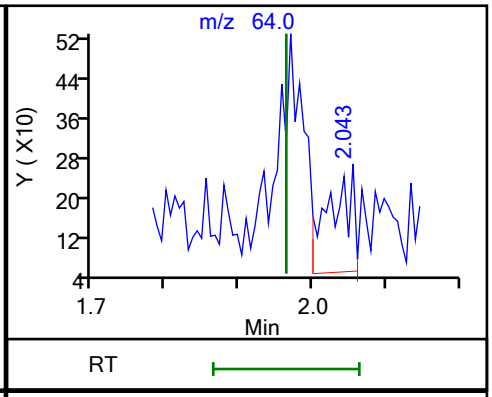
Eurofins Edison

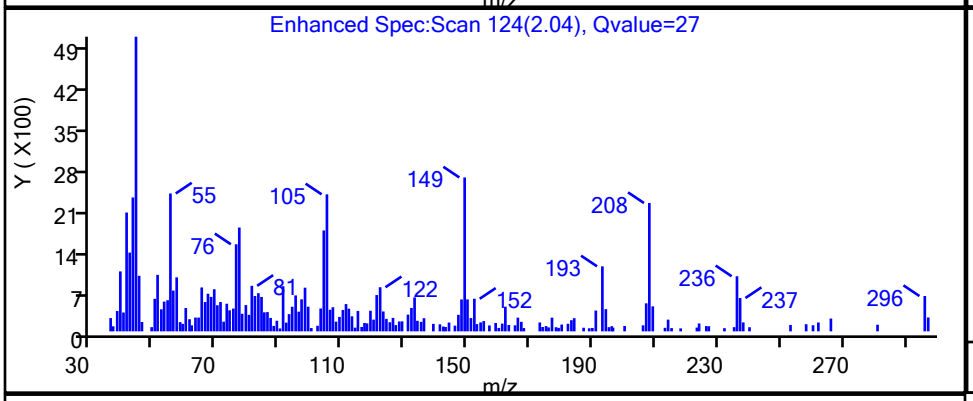
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

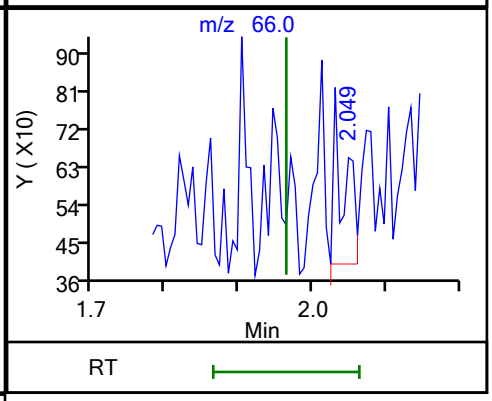
10 Chloroethane, CAS: 75-00-3

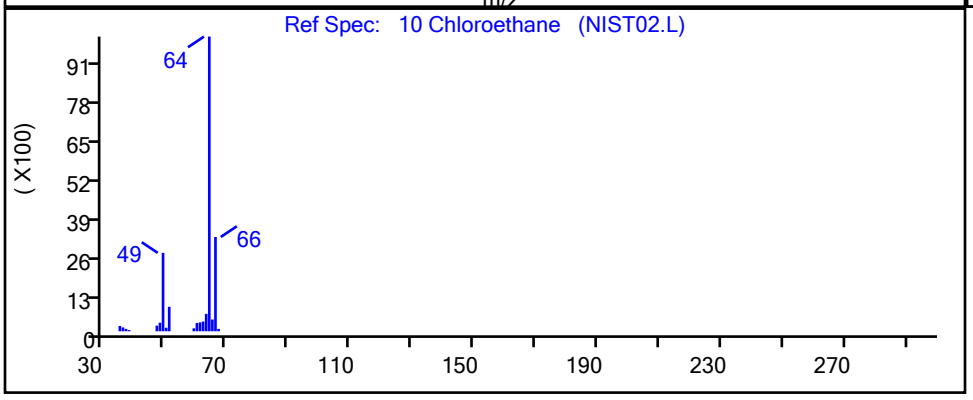
Processing Results











RT	Mass	Response	Amount
2.04	64.00	470	0.198440
2.05	66.00	439	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

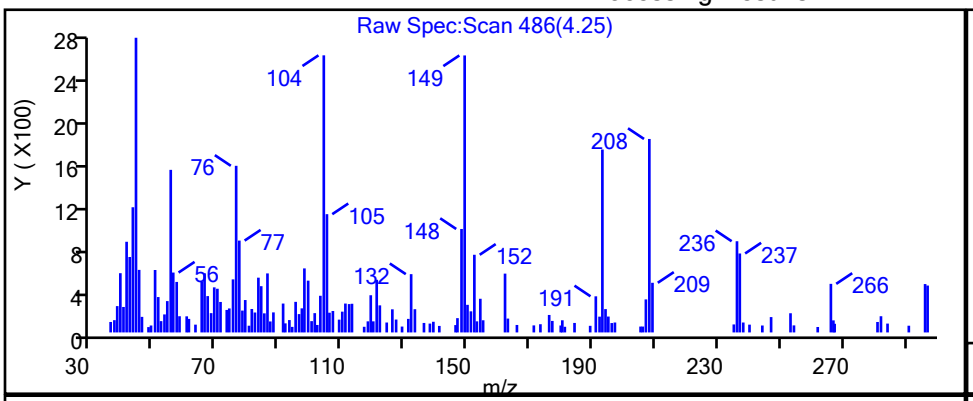
User Disabled Compound Report

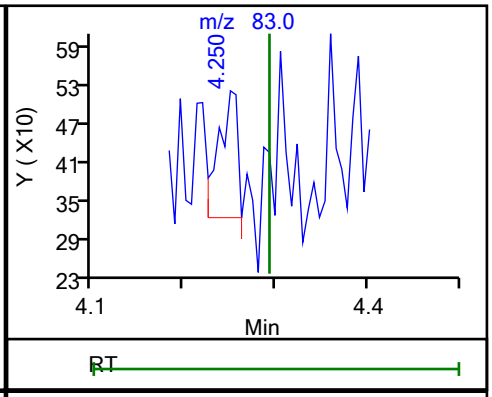
Eurofins Edison

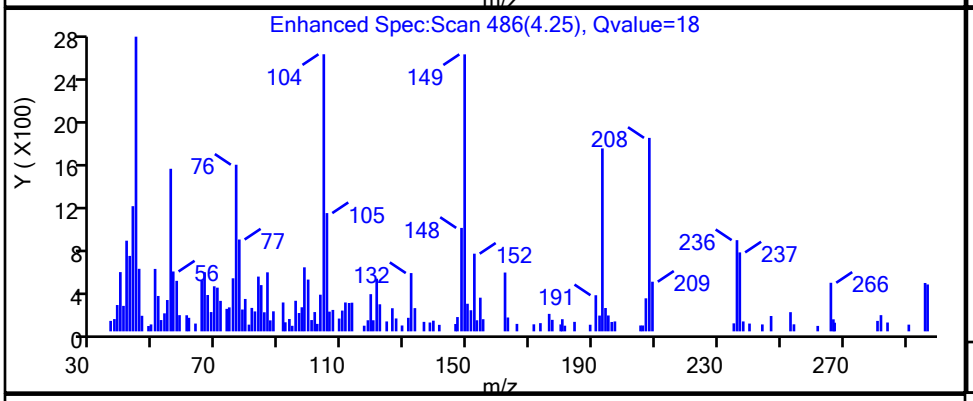
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

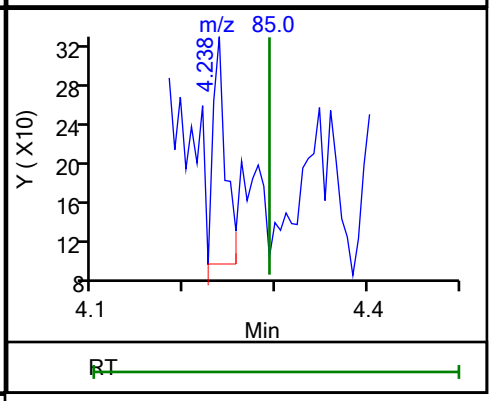
52 Chloroform, CAS: 67-66-3

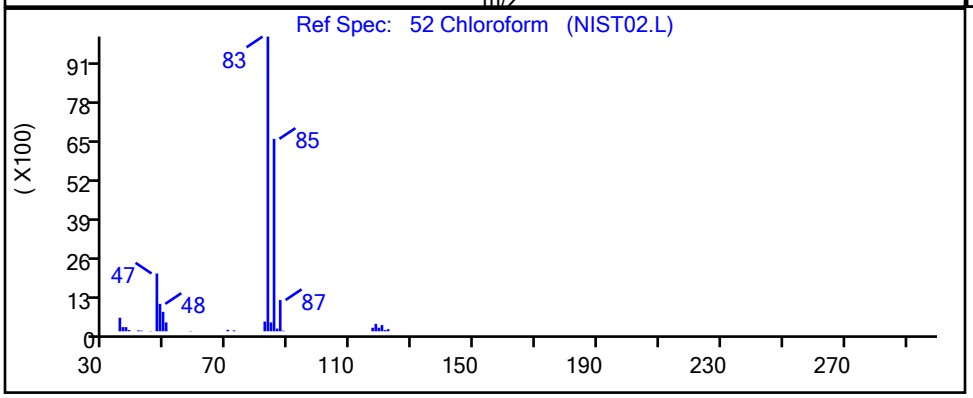
Processing Results











RT	Mass	Response	Amount
4.25	83.00	277	0.045104
4.24	85.00	226	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

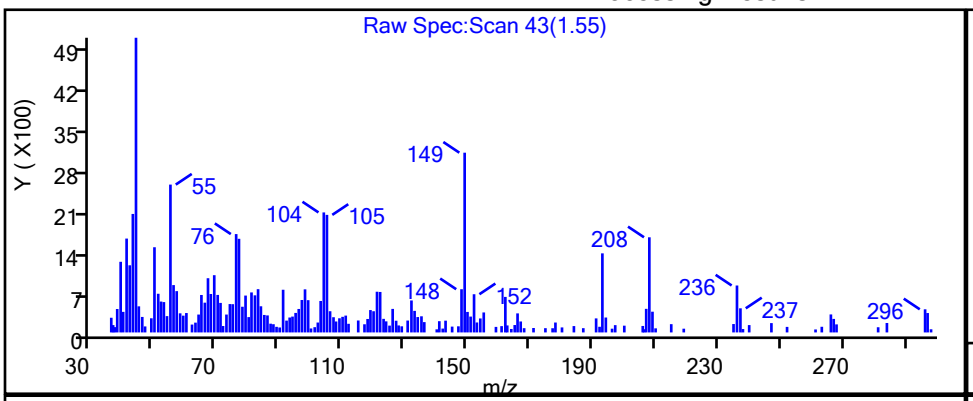
User Disabled Compound Report

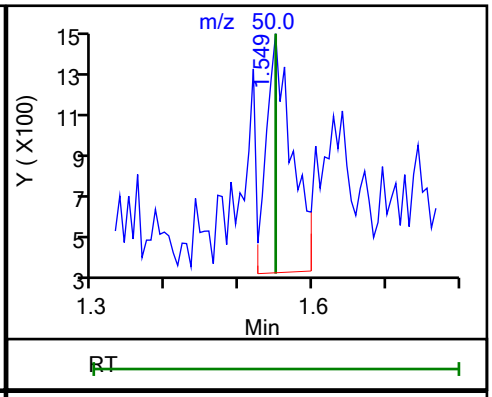
Eurofins Edison

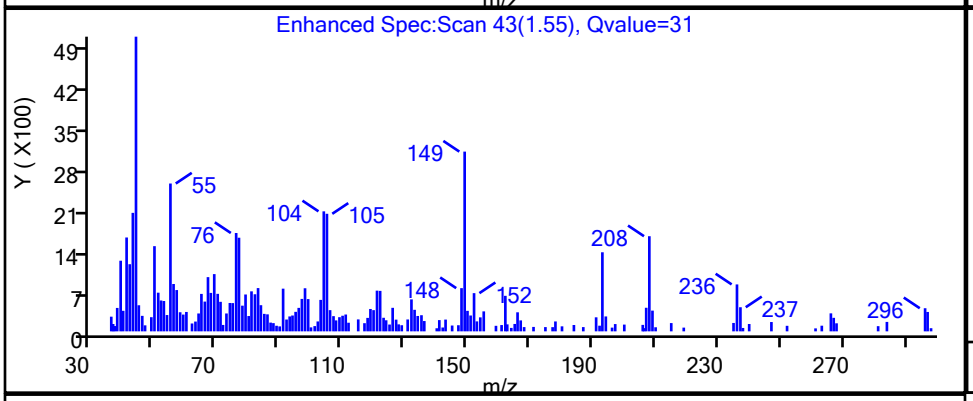
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

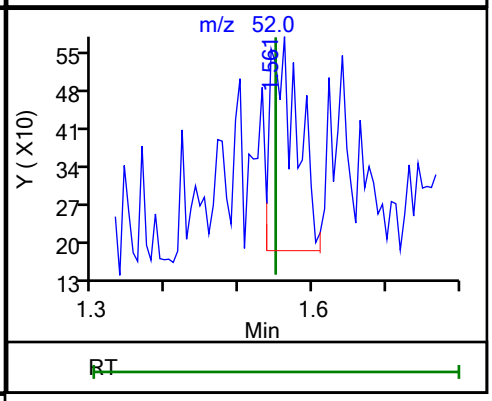
6 Chloromethane, CAS: 74-87-3

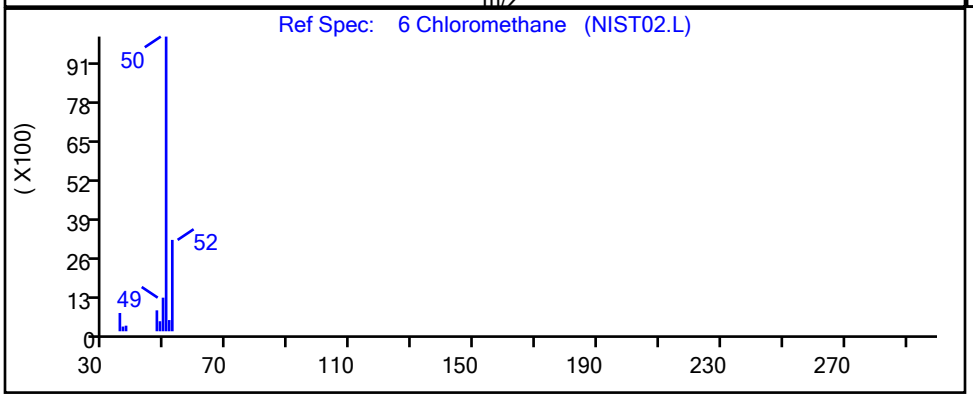
Processing Results











RT	Mass	Response	Amount
1.55	50.00	2662	0.716059
1.56	52.00	1012	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

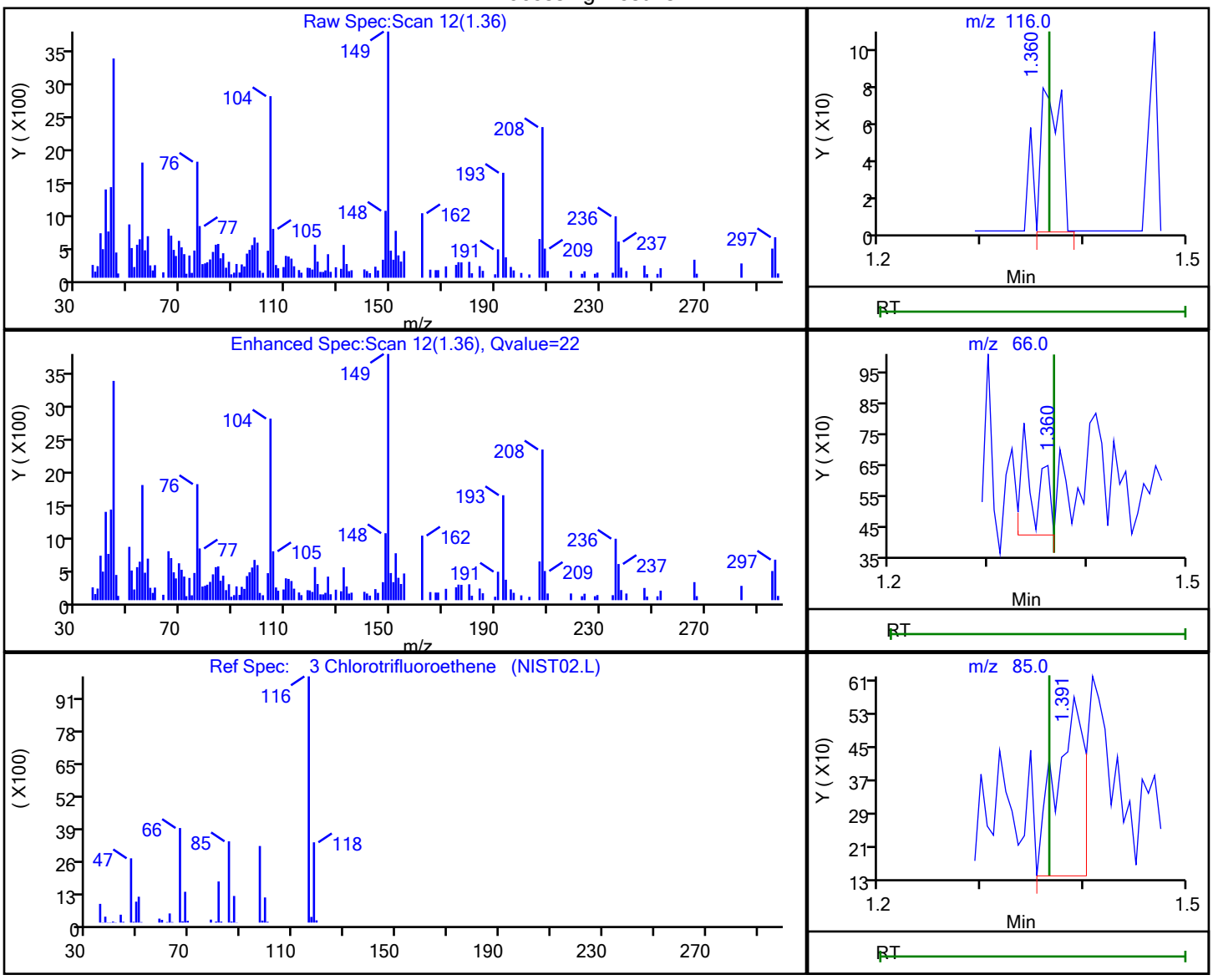
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.36	116.00	100	0.076351
1.36	66.00	378	
1.39	85.00	828	
1.35	118.00	265	

Reviewer: FK2C, 09-May-2024 09:06:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

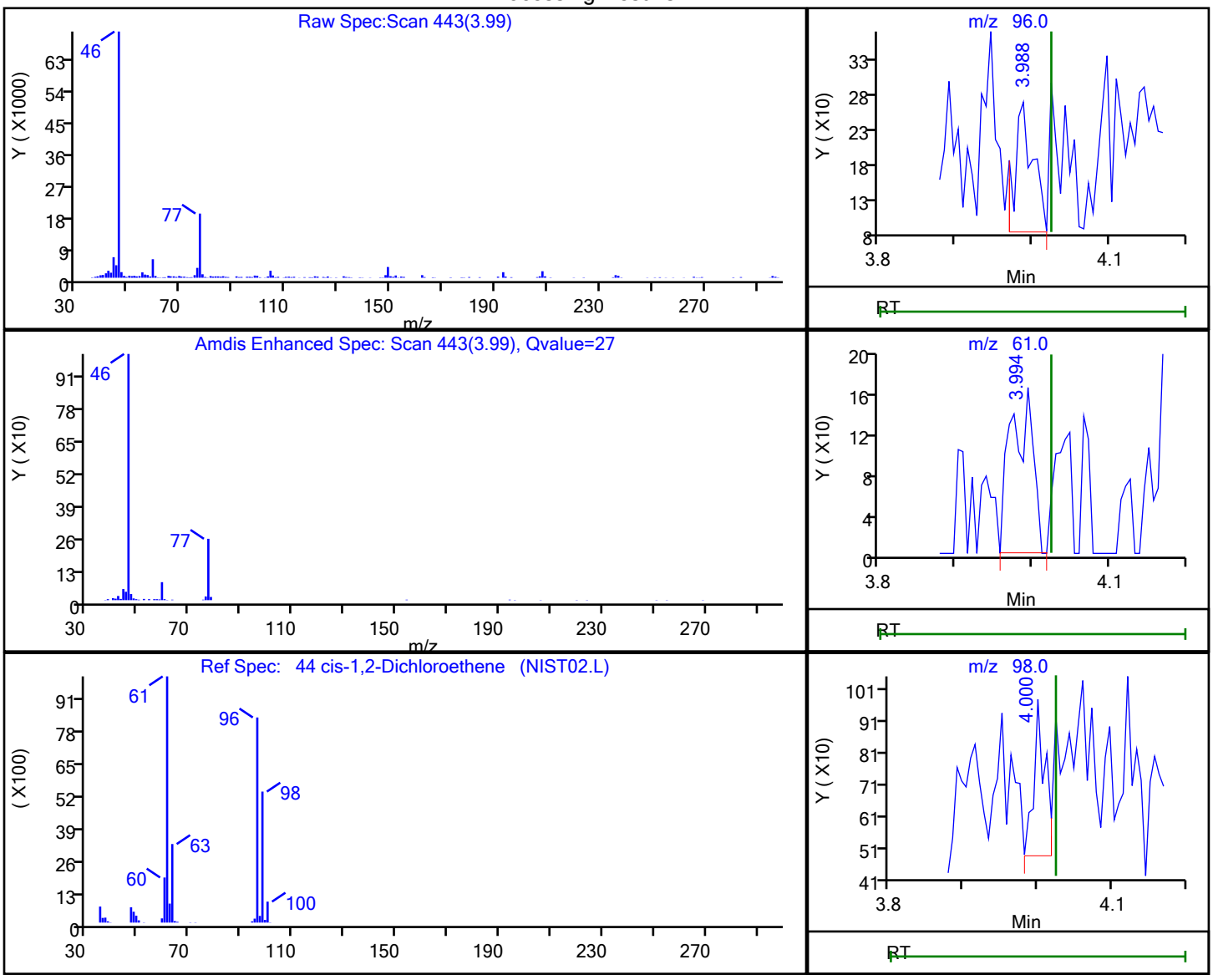
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
3.99	96.00	305	0.074801
3.99	61.00	324	
4.00	98.00	517	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

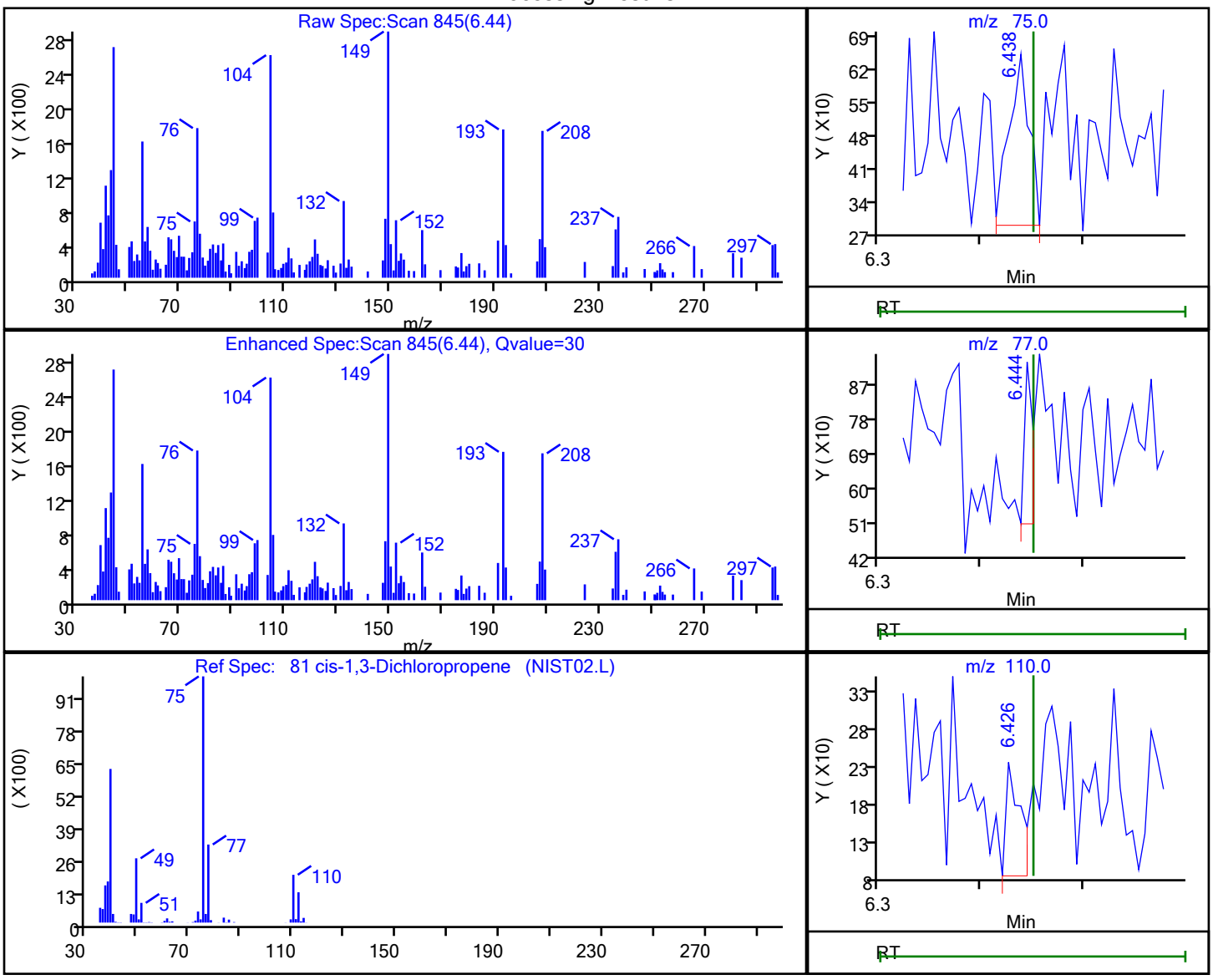
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
6.44	75.00	504	0.120907
6.44	77.00	240	
6.43	110.00	144	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

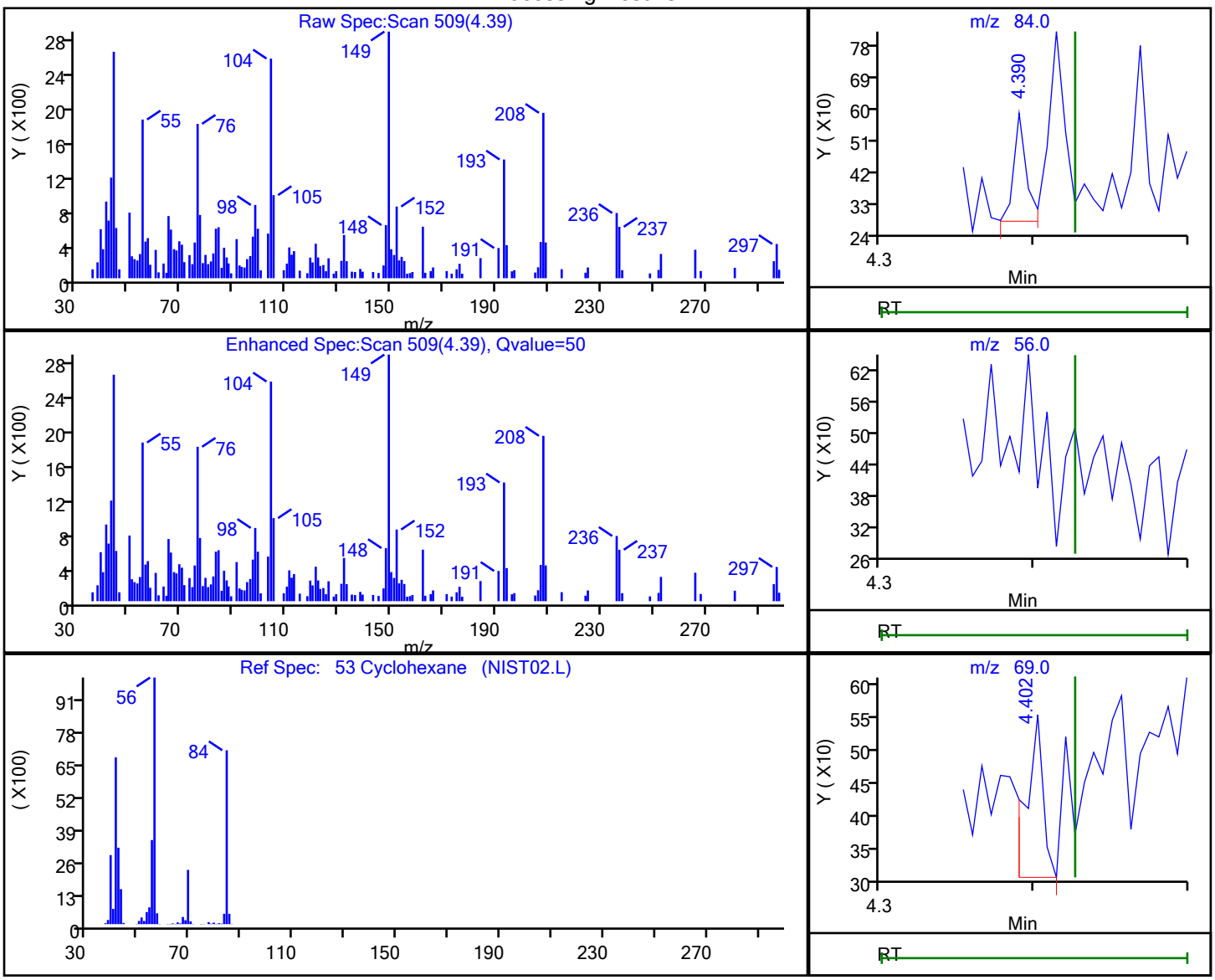
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.39	84.00	174	0.033926
4.40	56.00	1577	
4.40	69.00	184	

Reviewer: FK2C, 09-May-2024 09:06:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

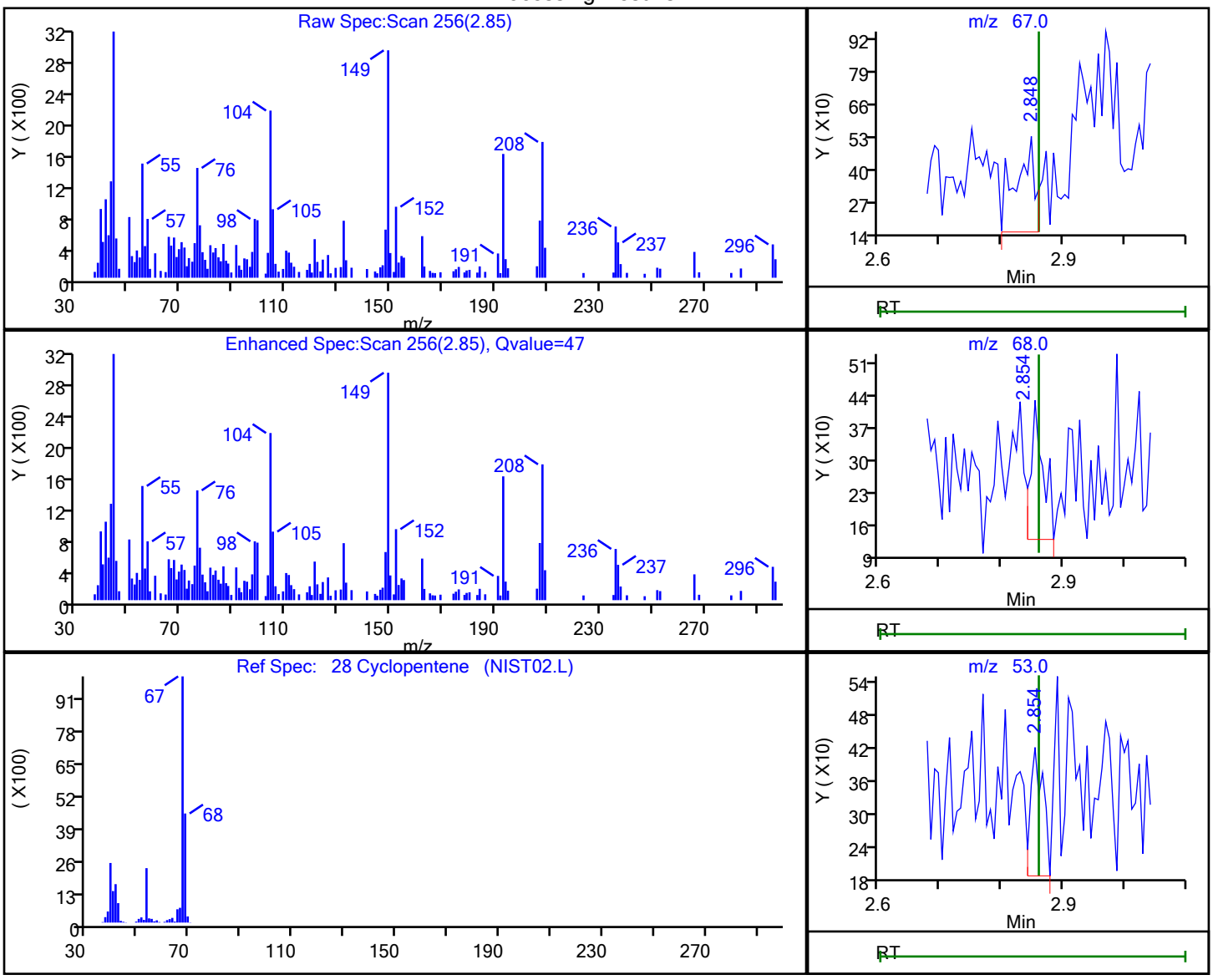
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

28 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.85	67.00	796	0.115402
2.85	68.00	420	
2.85	53.00	330	

Reviewer: FK2C, 09-May-2024 09:06:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

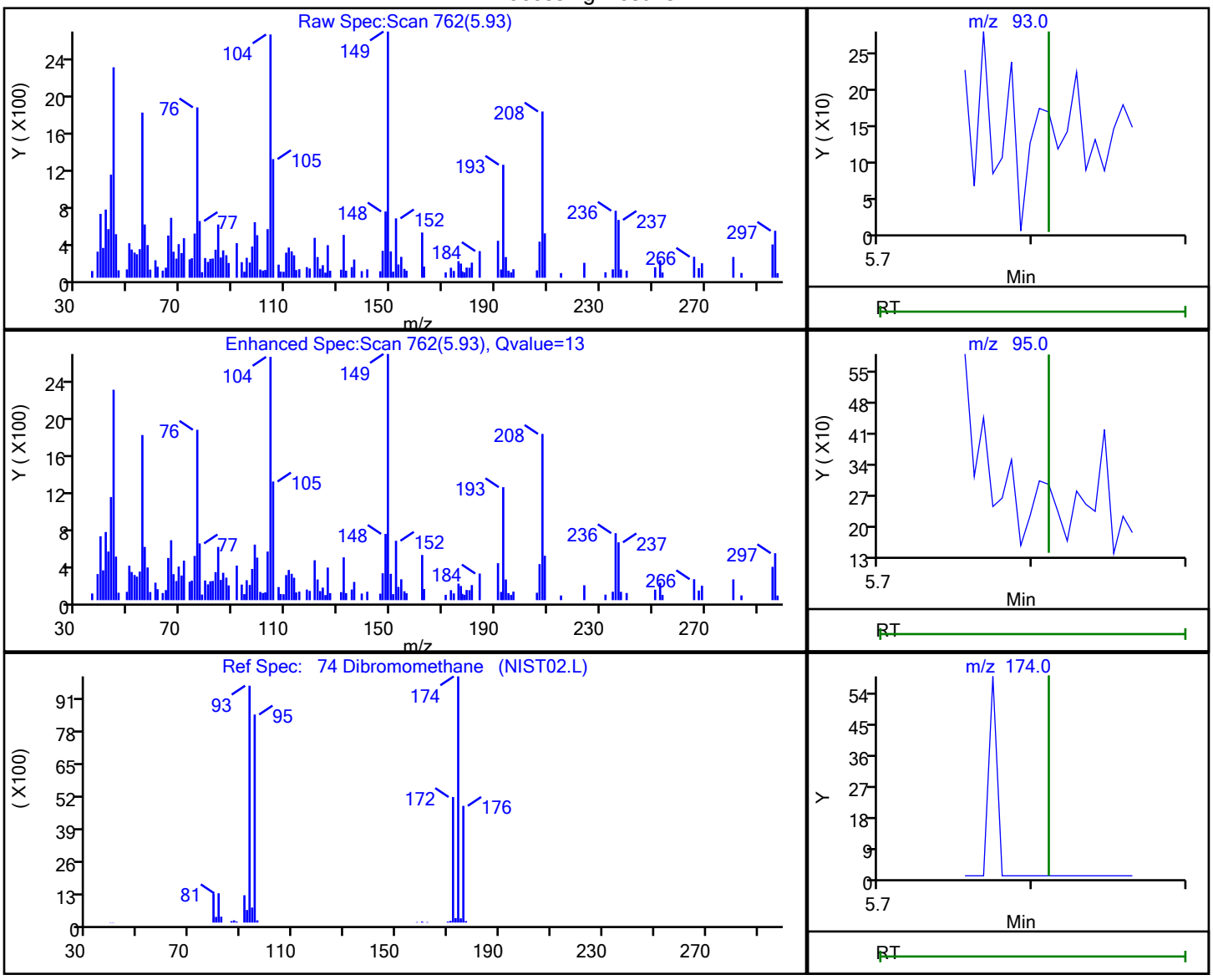
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

74 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
5.93	93.00	165	0.108067
5.93	95.00	213	
5.94	174.00	56	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

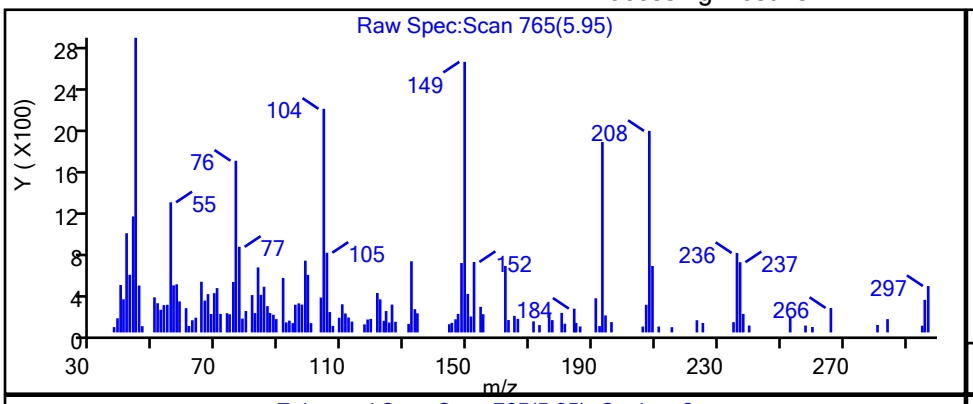
User Disabled Compound Report

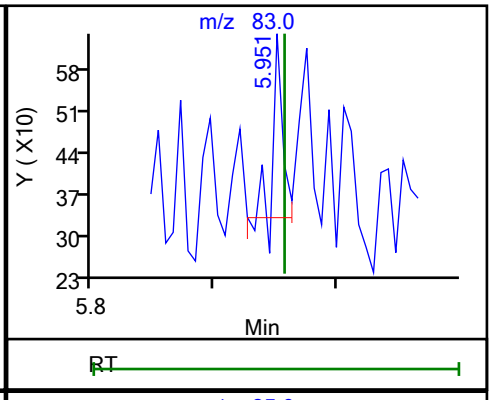
Eurofins Edison

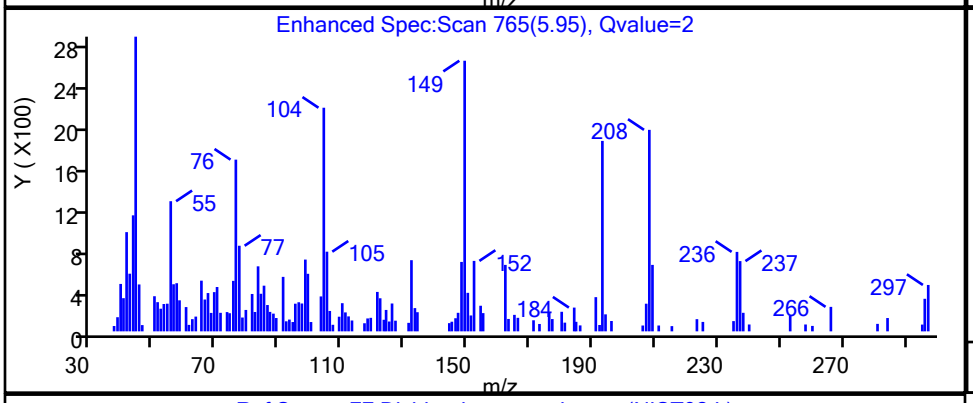
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

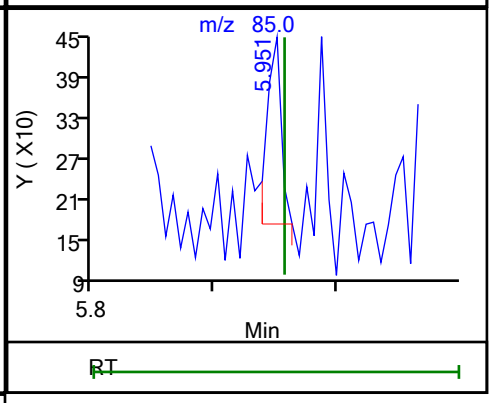
77 Dichlorobromomethane, CAS: 75-27-4

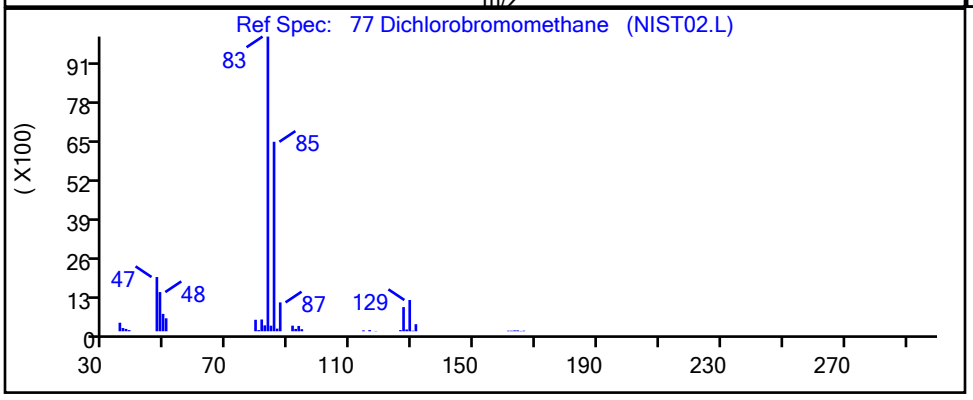
Processing Results











RT	Mass	Response	Amount
5.95	83.00	157	0.037357
5.95	85.00	217	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

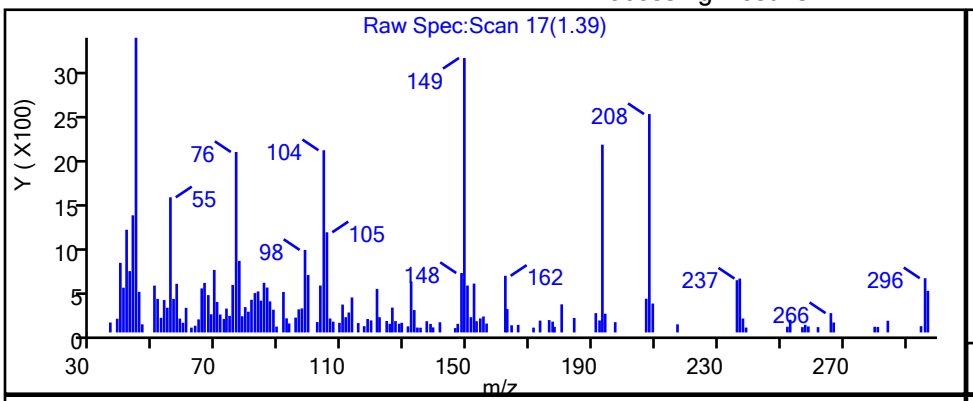
User Disabled Compound Report

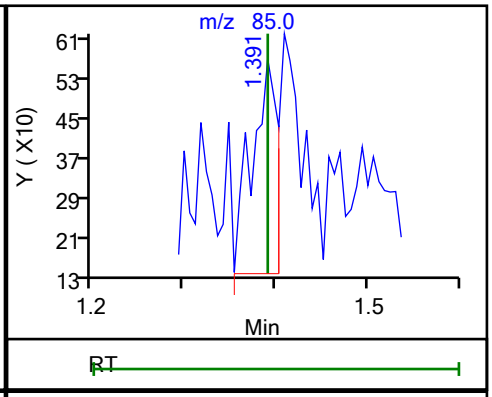
Eurofins Edison

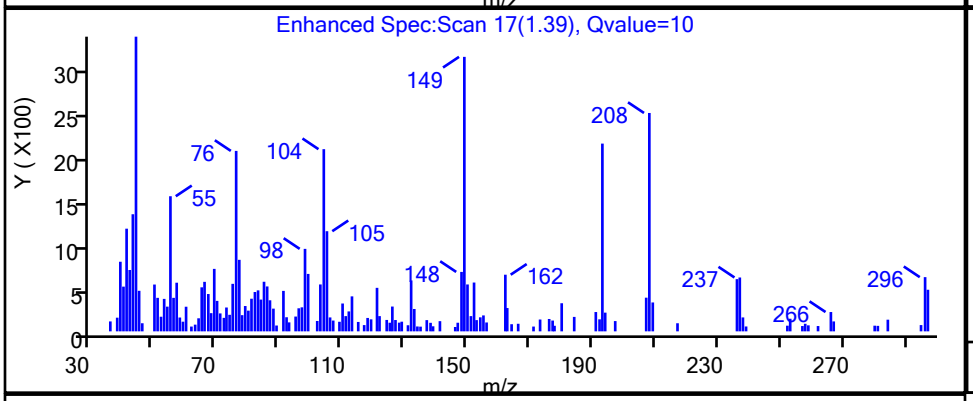
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

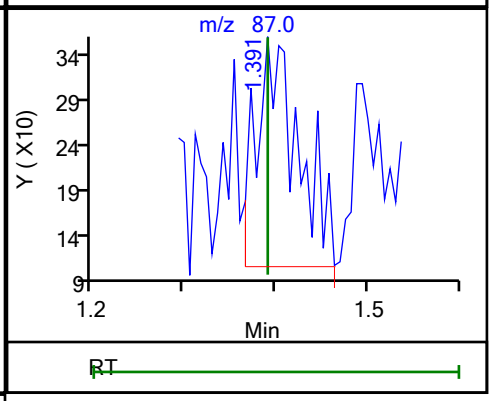
4 Dichlorodifluoromethane, CAS: 75-71-8

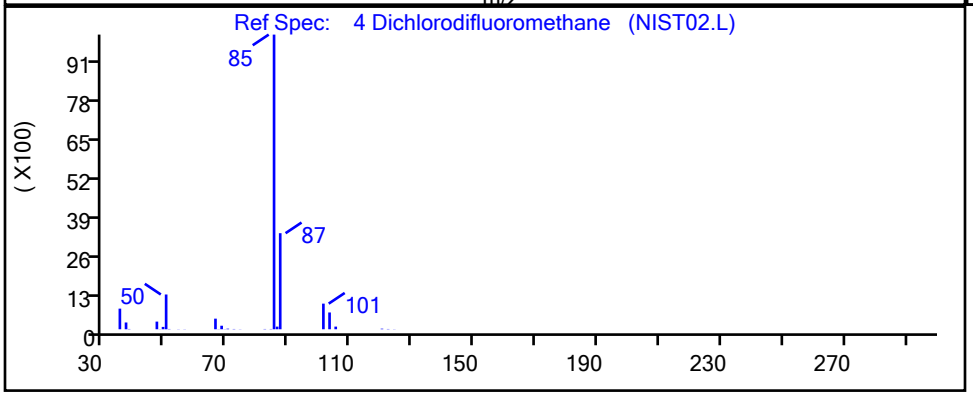
Processing Results











RT	Mass	Response	Amount
1.39	85.00	828	0.205019
1.39	87.00	812	

Reviewer: FK2C, 09-May-2024 09:06:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

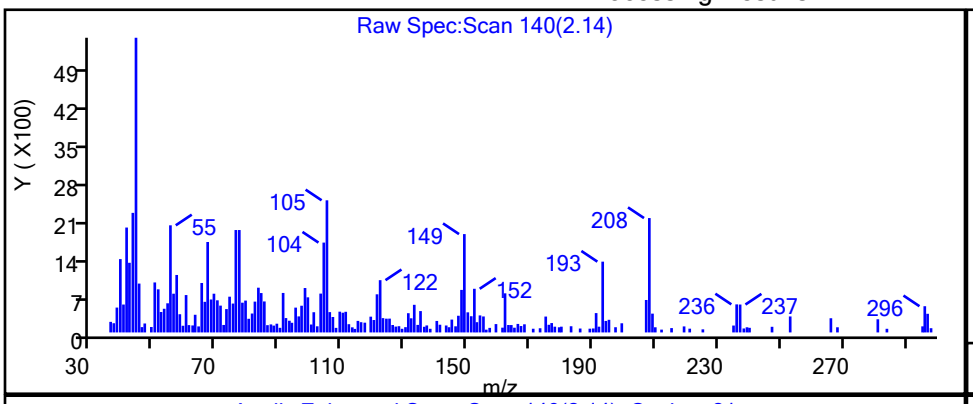
User Disabled Compound Report

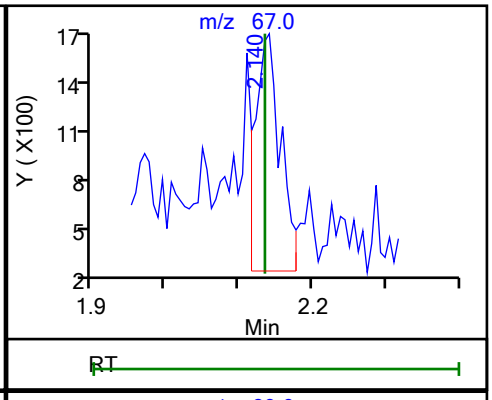
Eurofins Edison

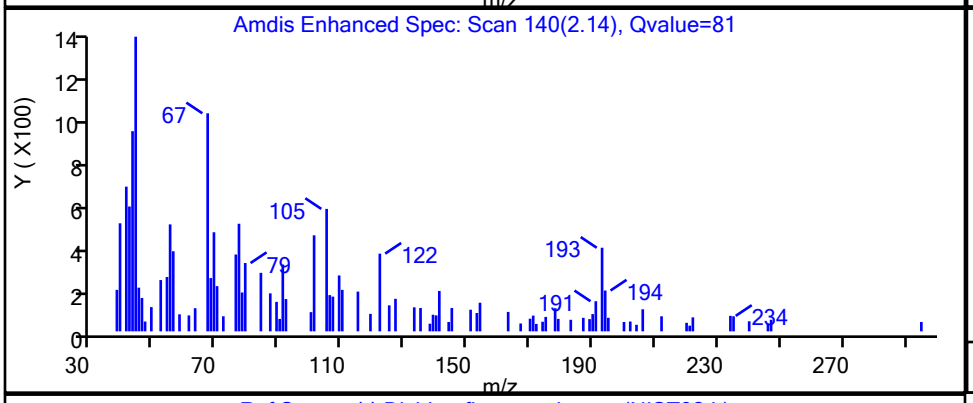
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

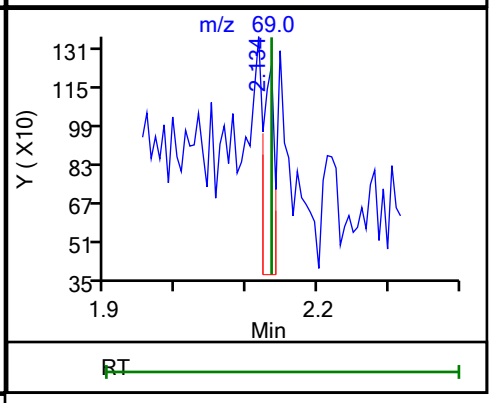
11 Dichlorofluoromethane, CAS: 75-43-4

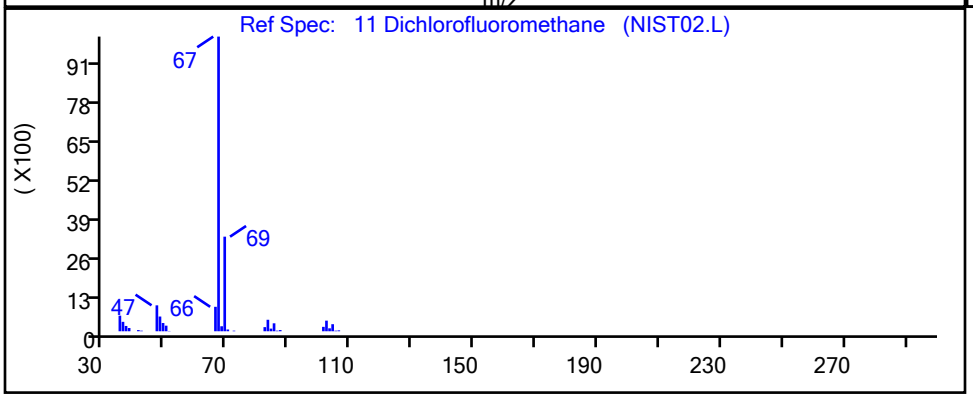
Processing Results











RT	Mass	Response	Amount
2.14	67.00	3437	0.514105
2.13	69.00	957	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

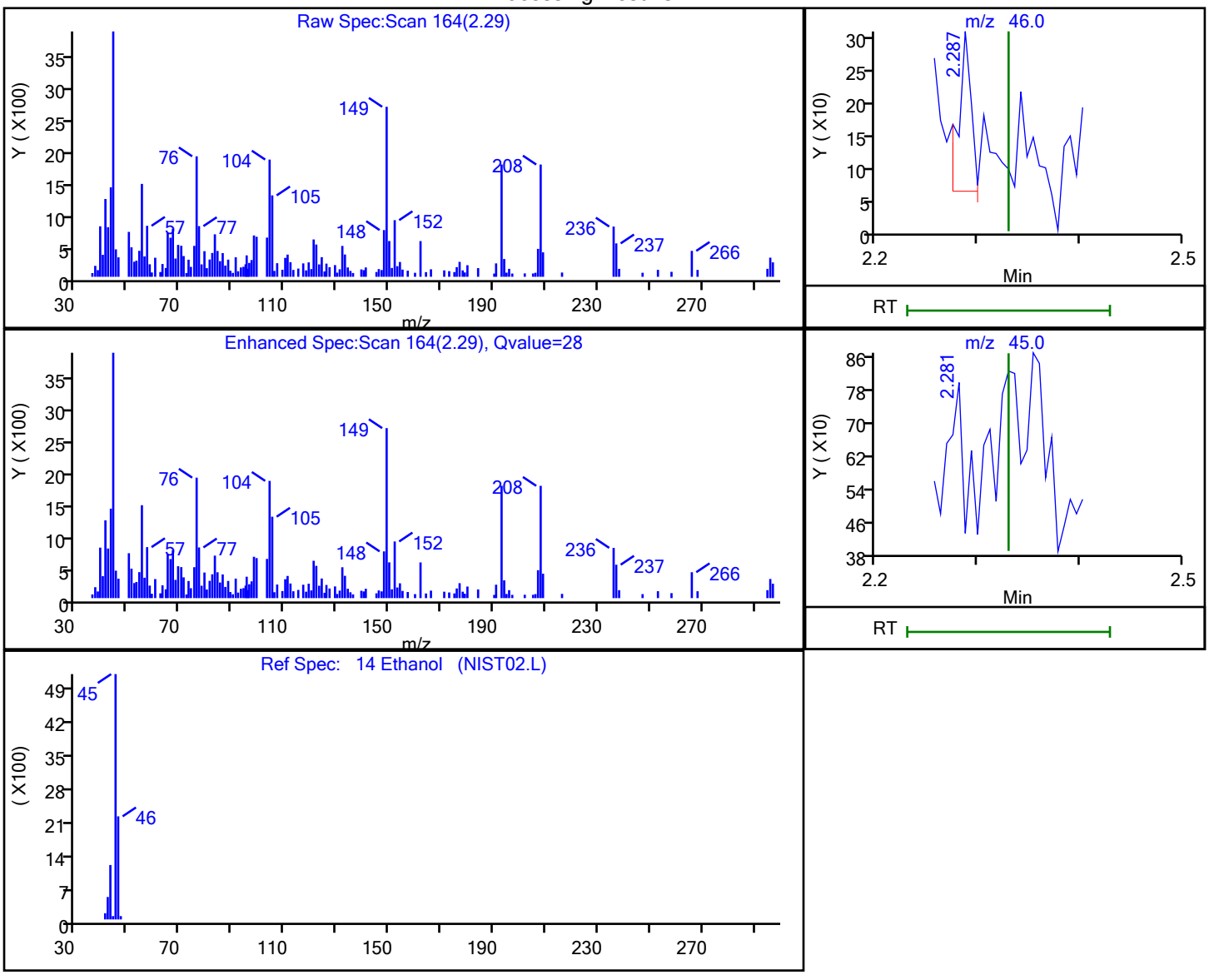
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.29	46.00	210	28.231425
2.28	45.00	675	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

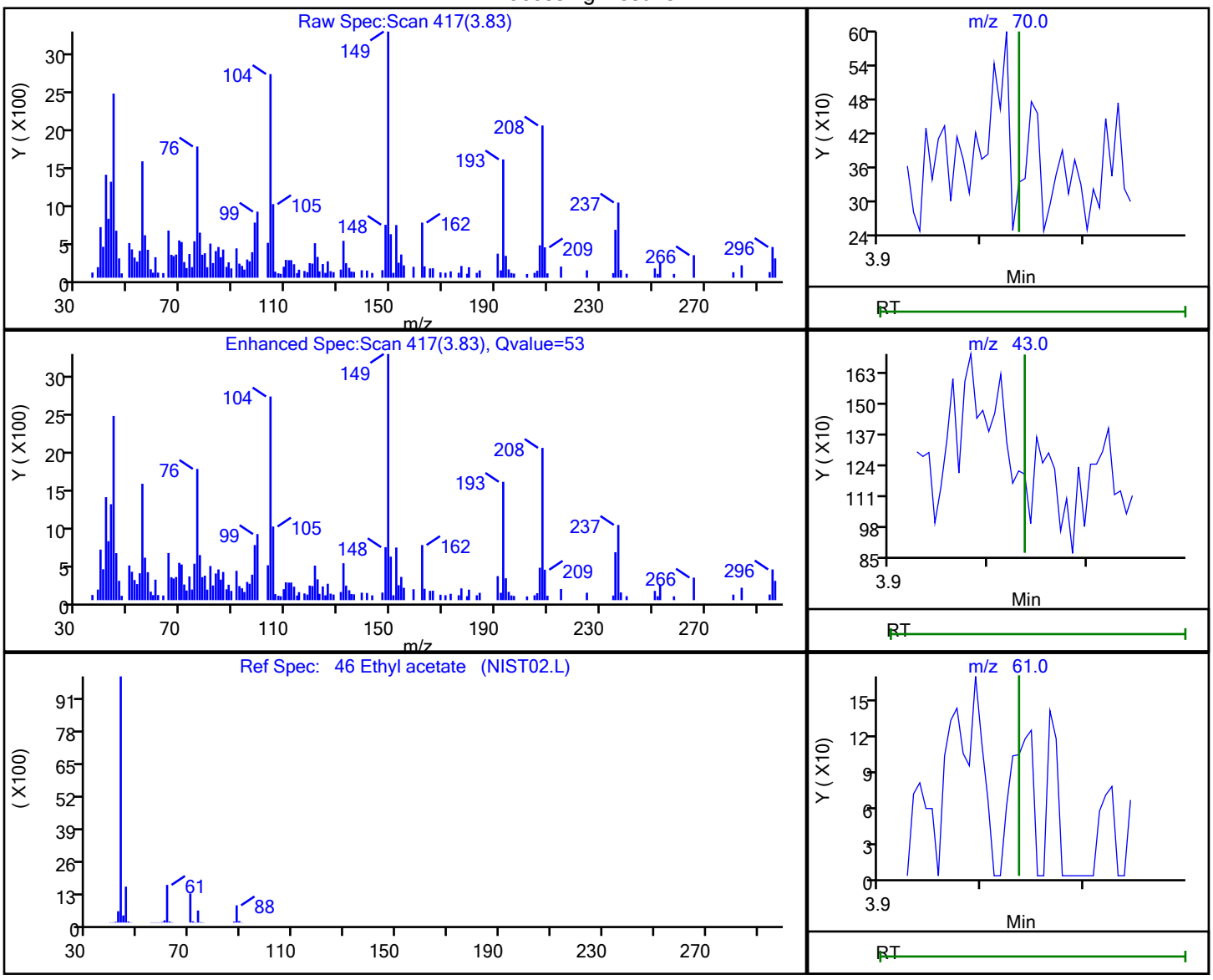
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.83	70.00	284	1.285533
3.84	43.00	723	
4.04	61.00	0	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

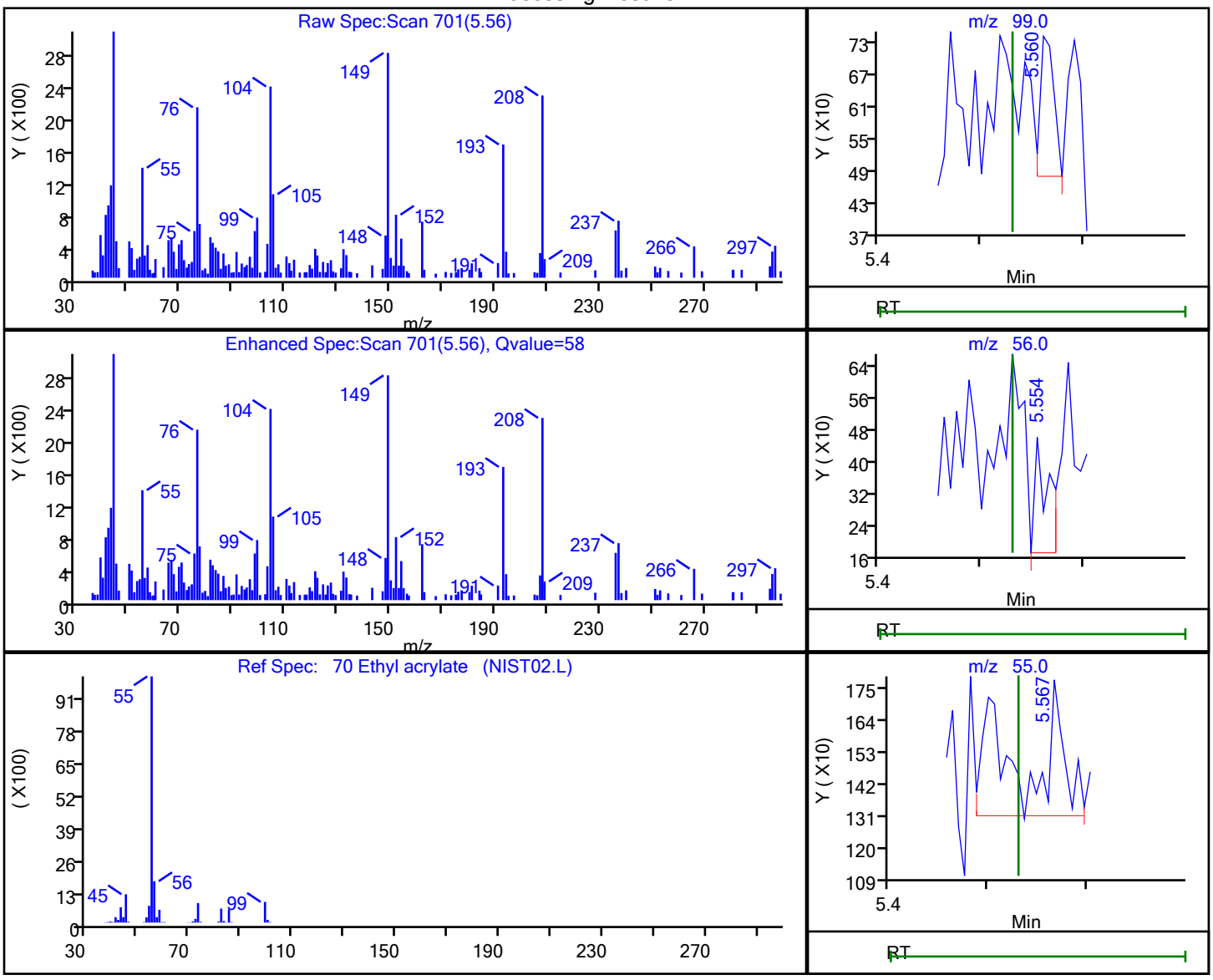
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
5.56	99.00	250	0.656951
5.55	56.00	277	
5.57	55.00	1243	

Reviewer: FK2C, 09-May-2024 09:07:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

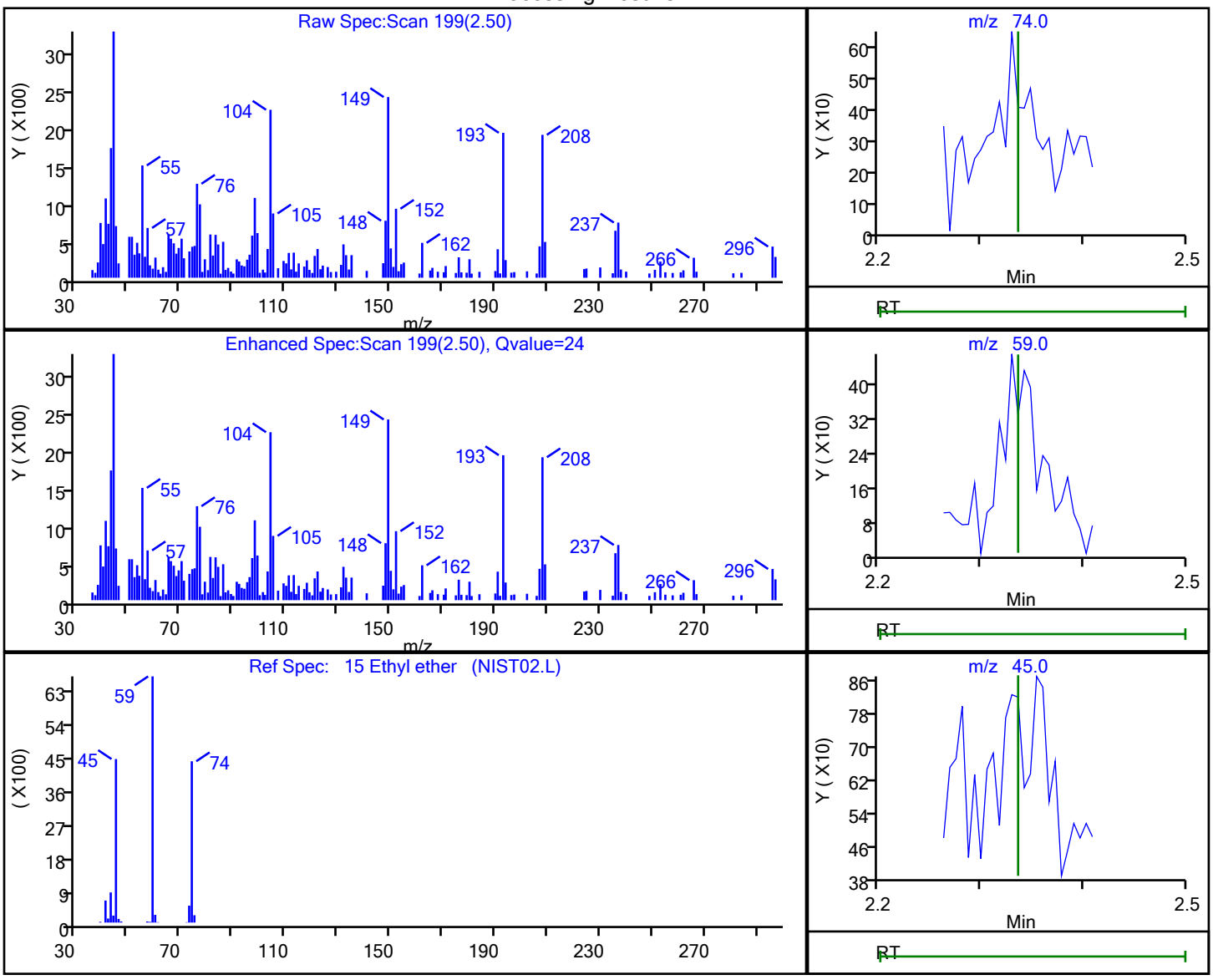
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.50	74.00	159	0.098636
2.49	59.00	199	
2.50	45.00	210	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

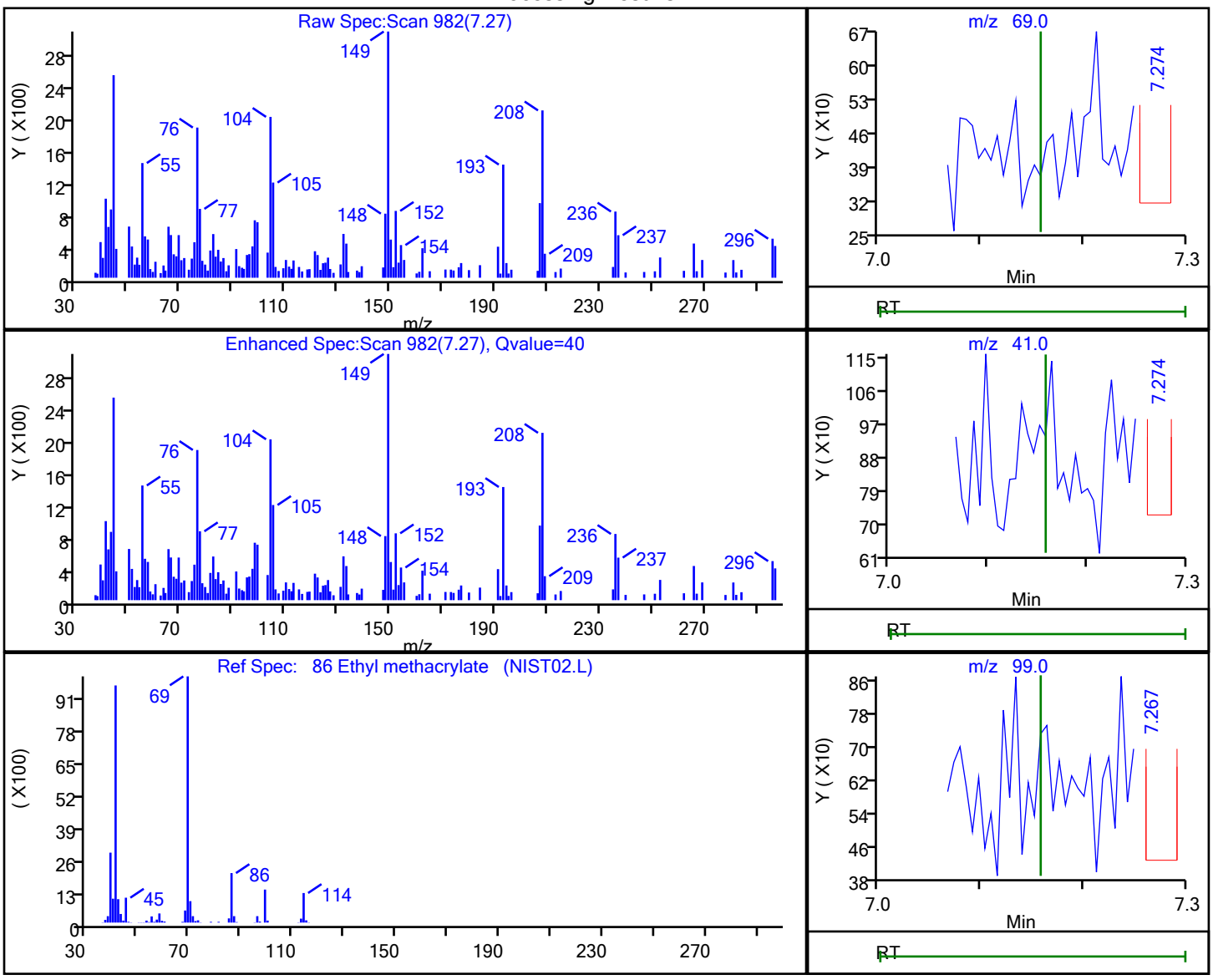
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
7.27	69.00	244	0.099552
7.27	41.00	223	
7.27	99.00	476	

Reviewer: FK2C, 09-May-2024 09:07:19 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

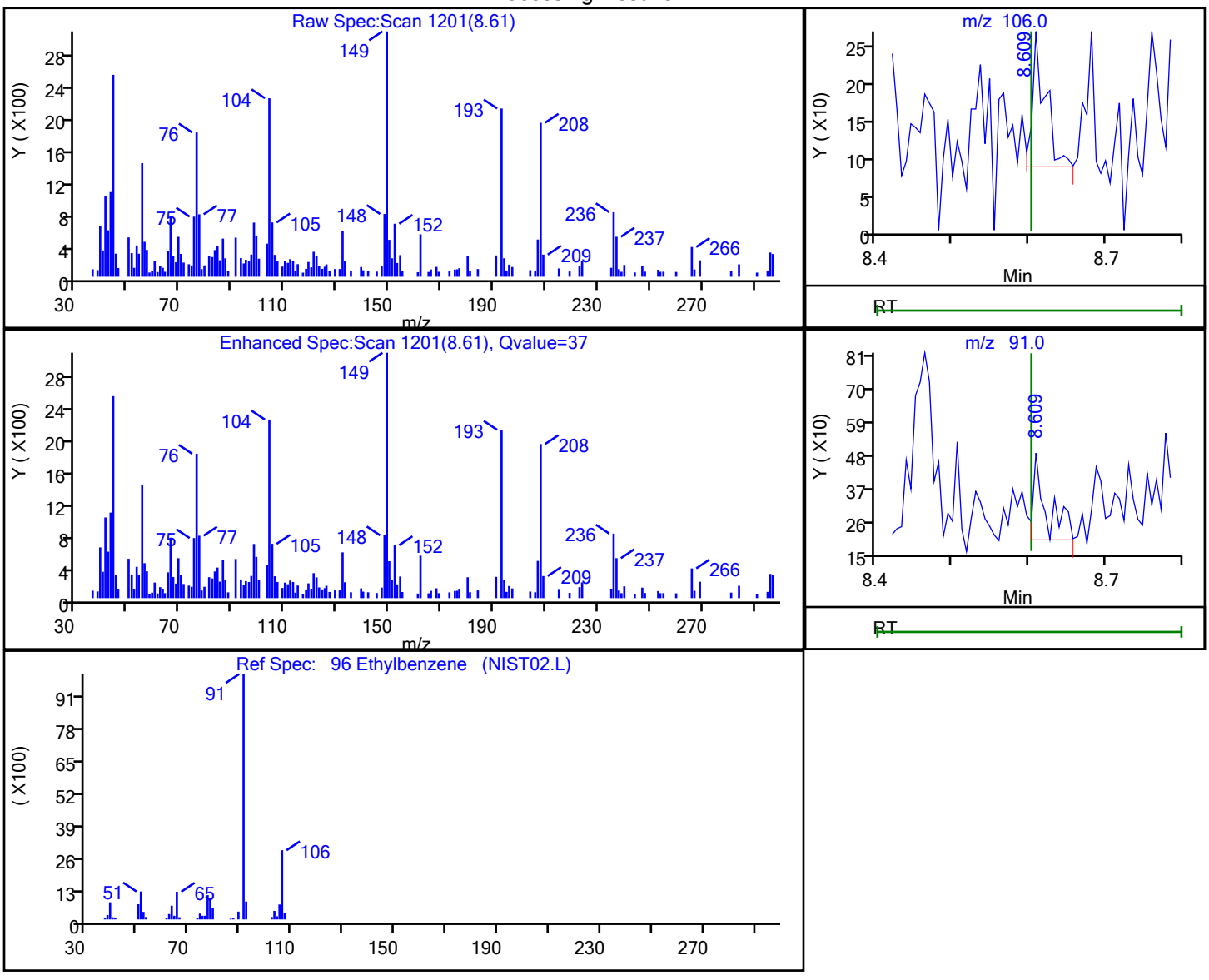
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

96 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.61	106.00	212	0.028925
8.61	91.00	341	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

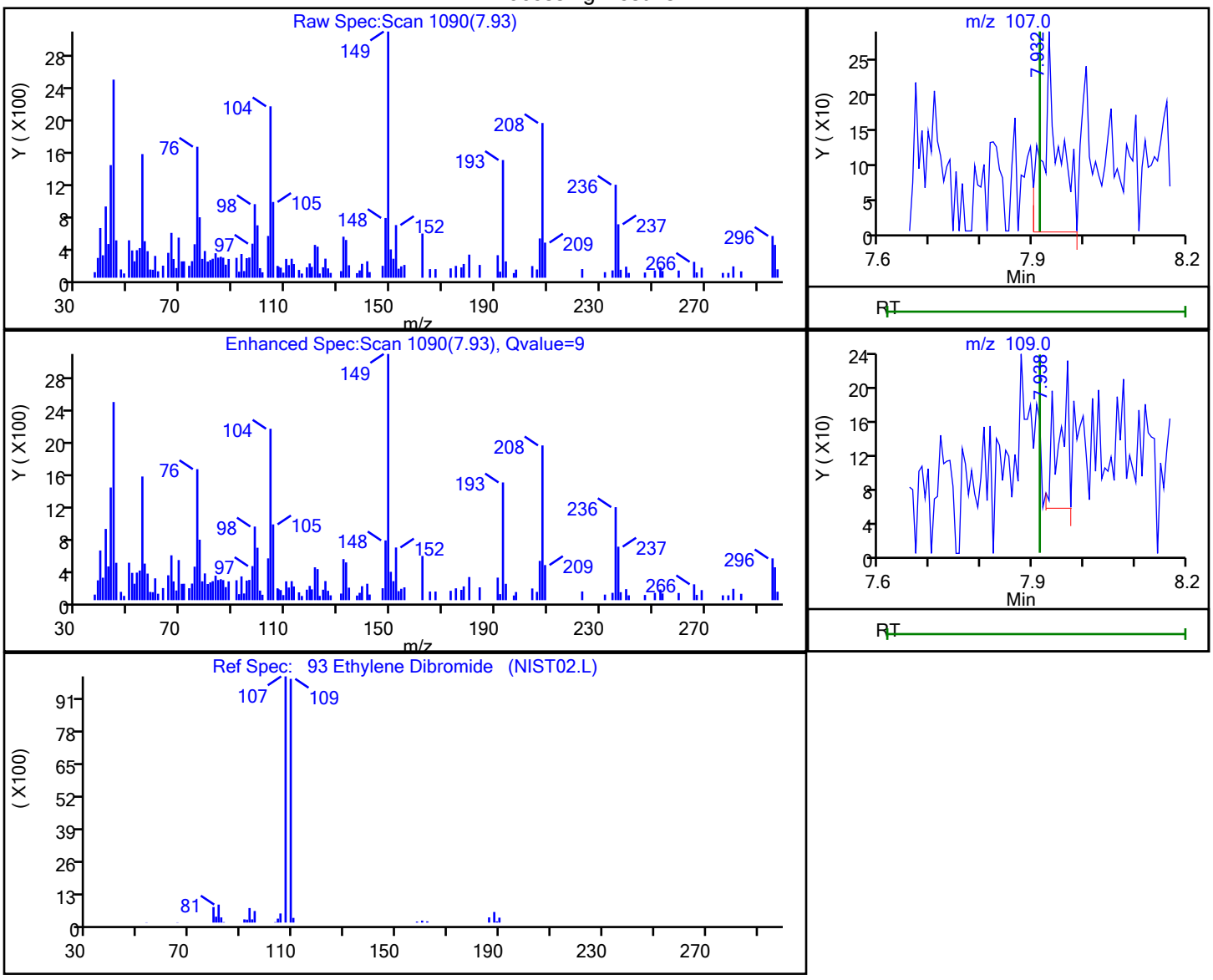
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

93 Ethylene Dibromide, CAS: 106-93-4

Processing Results



RT	Mass	Response	Amount
7.93	107.00	582	0.321860
7.94	109.00	230	

Reviewer: FK2C, 09-May-2024 09:07:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

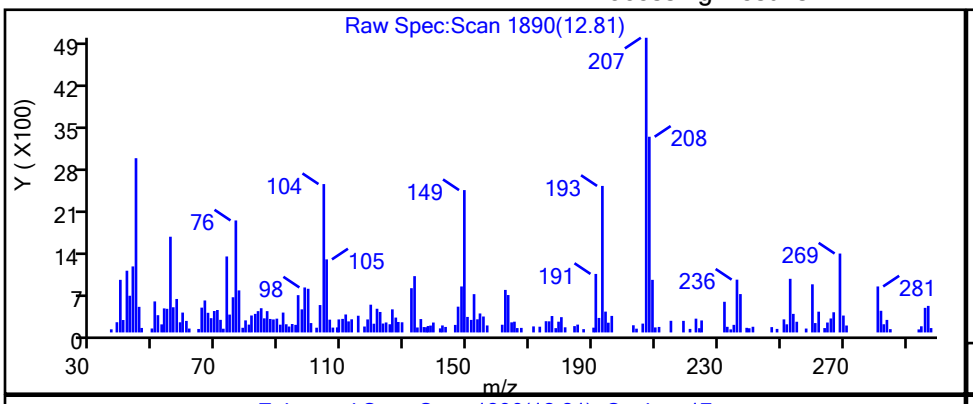
User Disabled Compound Report

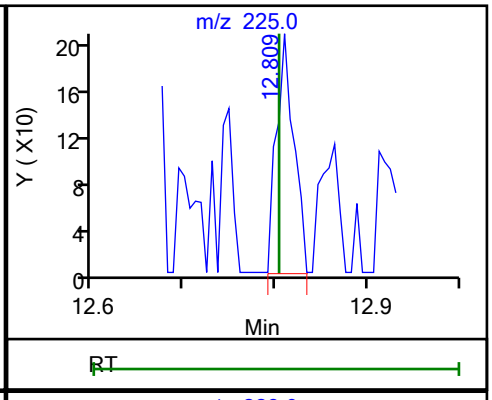
Eurofins Edison

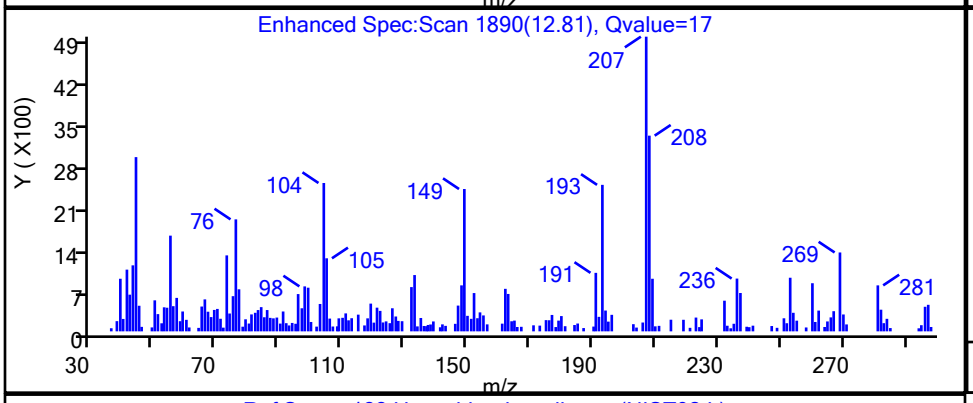
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

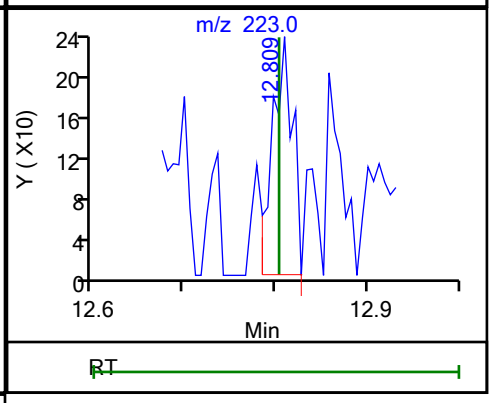
133 Hexachlorobutadiene, CAS: 87-68-3

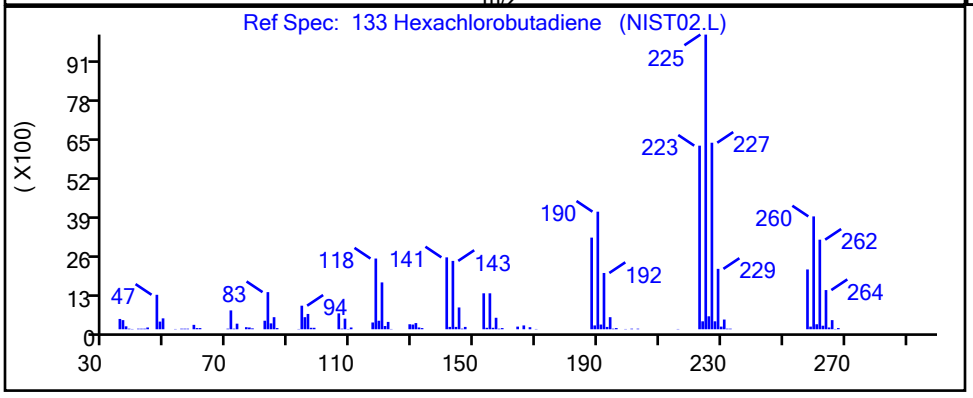
Processing Results











RT	Mass	Response	Amount
12.81	225.00	266	0.092035
12.81	223.00	357	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

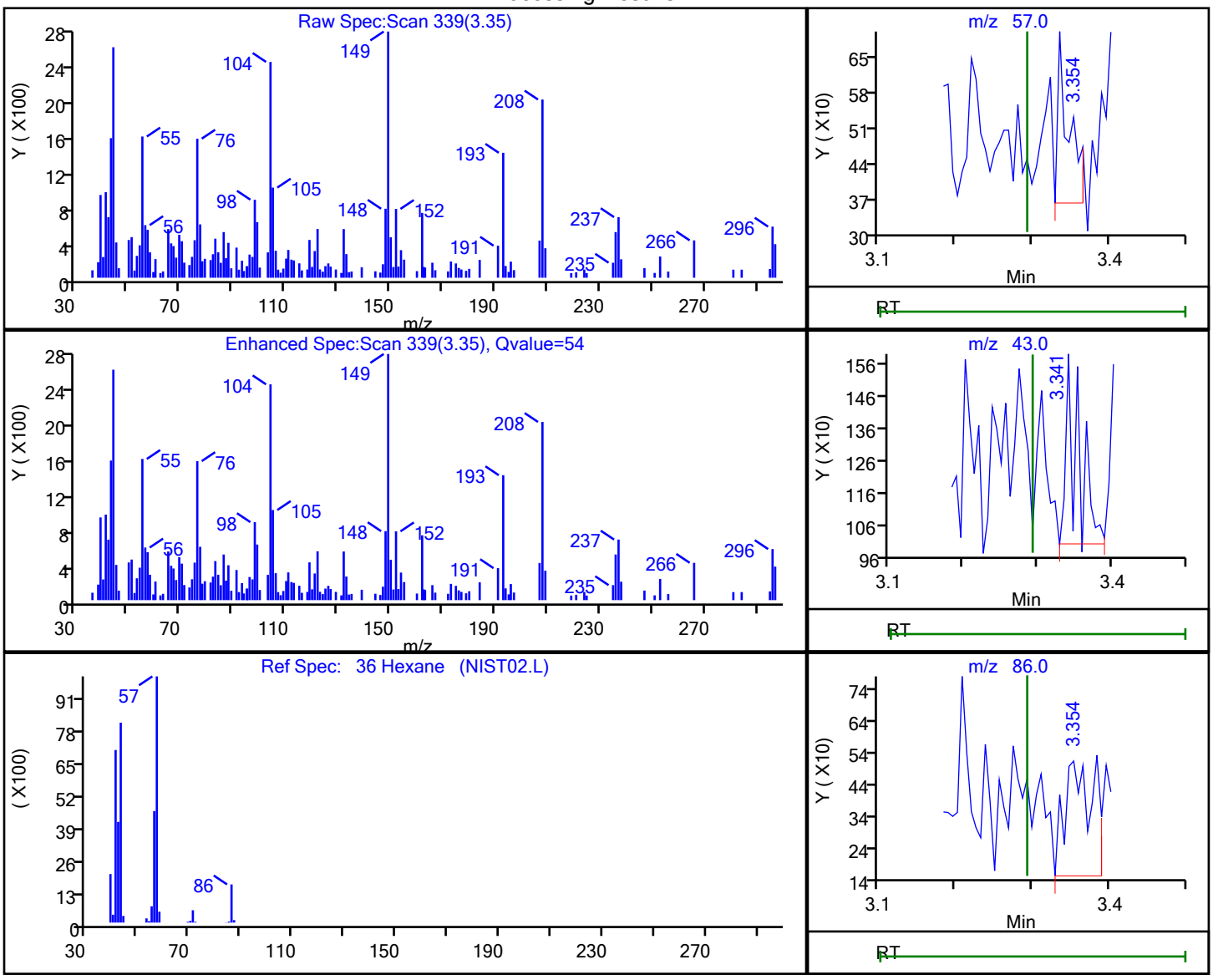
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
3.35	57.00	348	0.077496
3.34	43.00	709	
3.35	86.00	961	
3.36	56.00	219	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

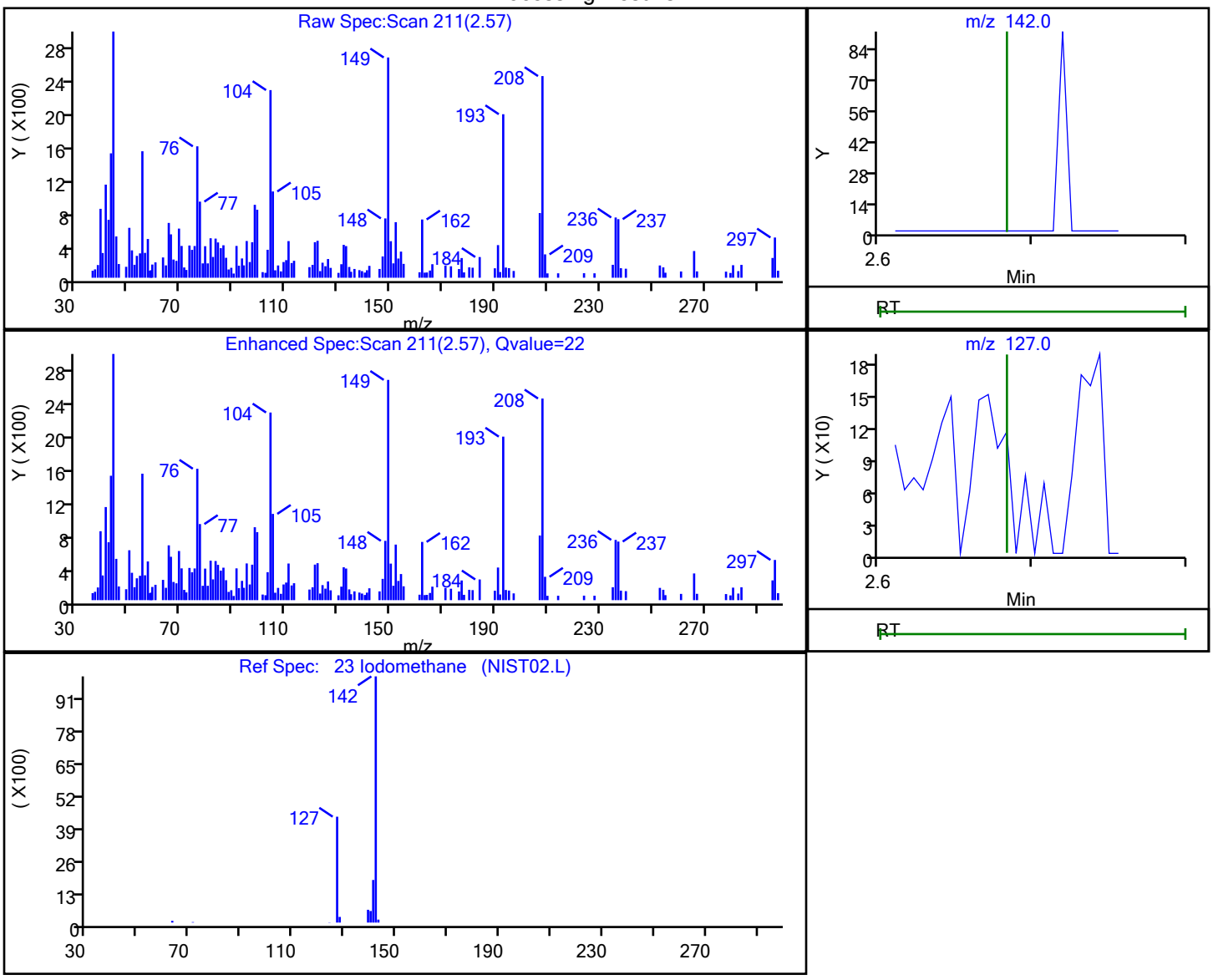
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
2.57	142.00	113	0.015692
2.57	127.00	181	

Reviewer: FK2C, 09-May-2024 09:06:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

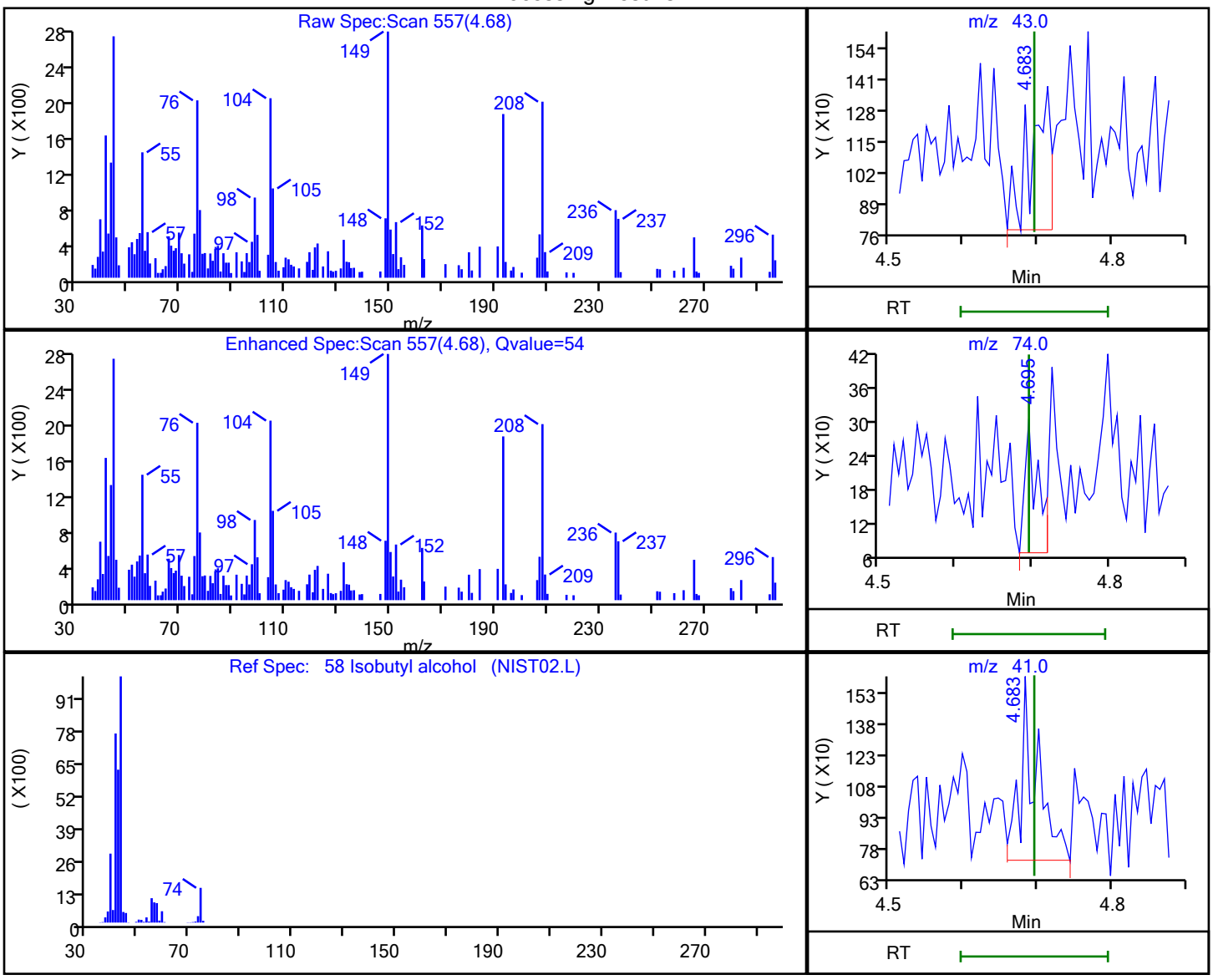
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.68	43.00	1146	15.581777
4.69	74.00	278	
4.68	41.00	1418	

Reviewer: FK2C, 09-May-2024 09:06:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

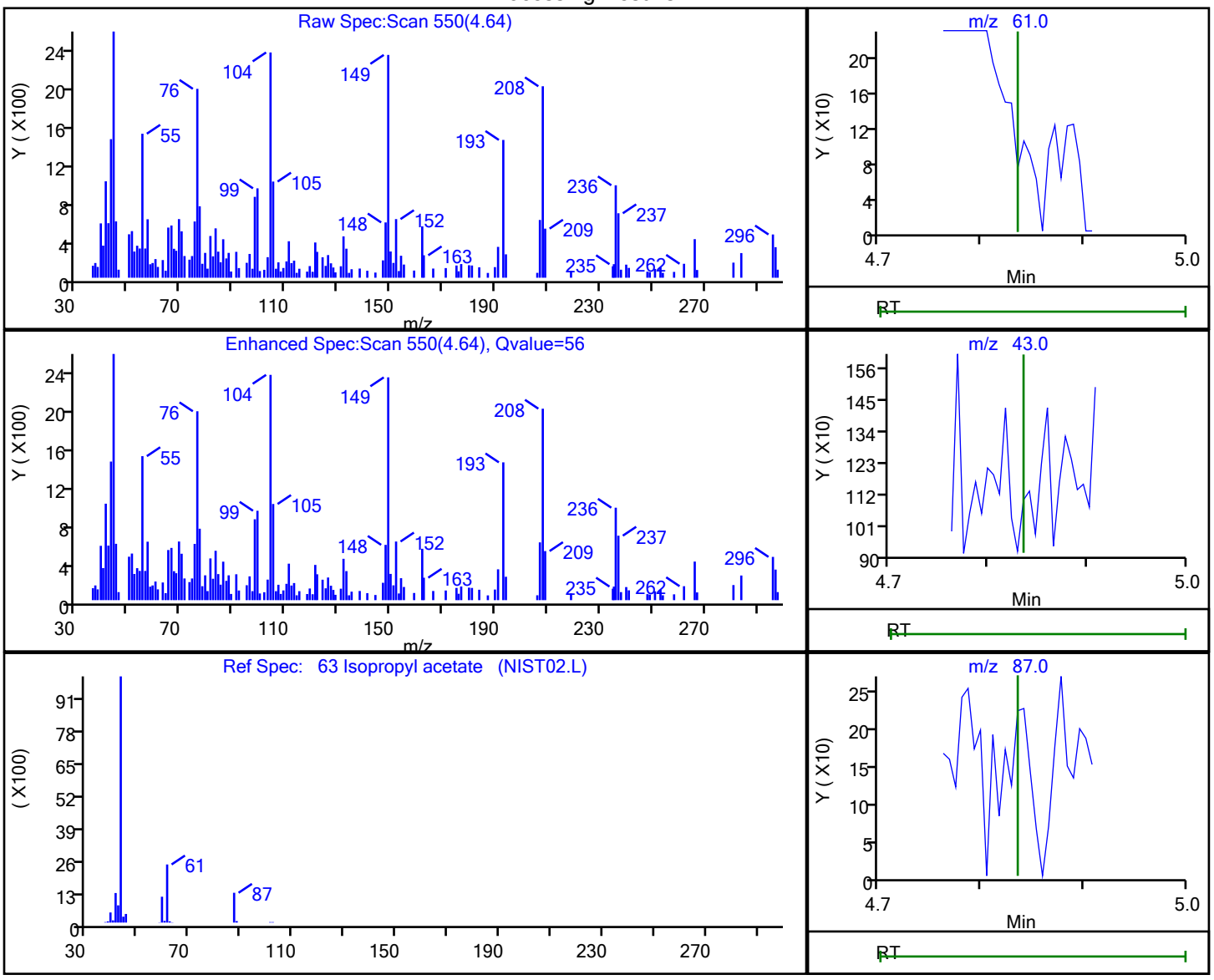
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
4.64	61.00	65	0.058336
4.64	43.00	806	
4.63	87.00	582	

Reviewer: FK2C, 09-May-2024 09:06:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

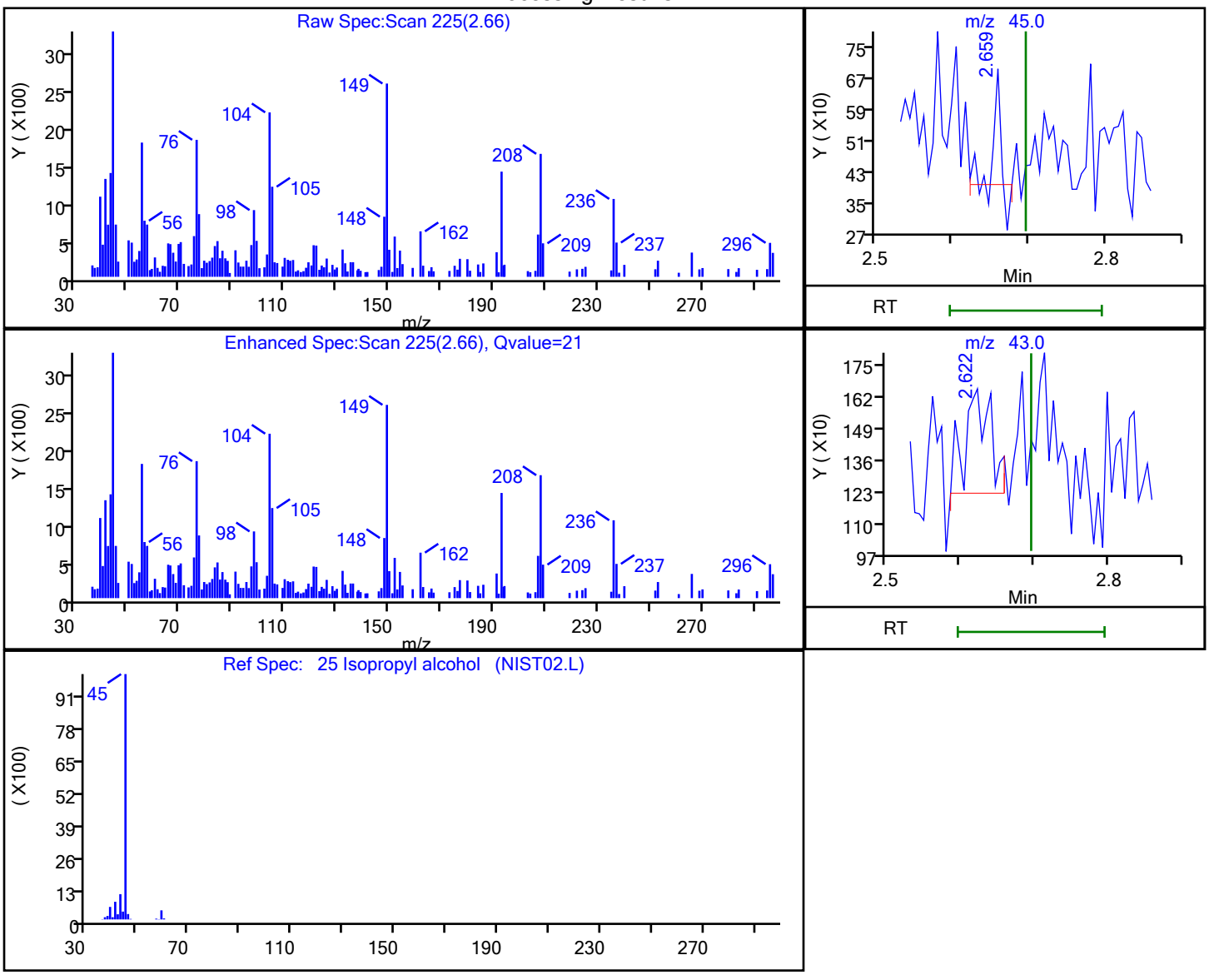
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.66	45.00	136	1.269292
2.62	43.00	1074	

Reviewer: FK2C, 09-May-2024 09:06:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

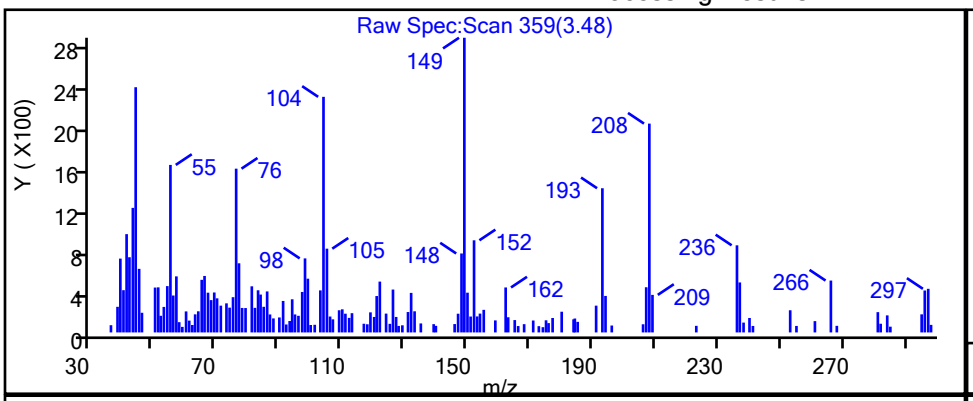
User Disabled Compound Report

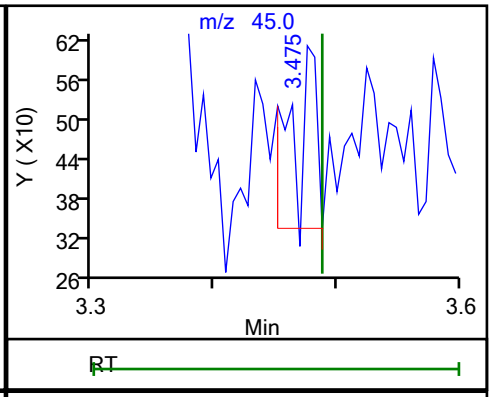
Eurofins Edison

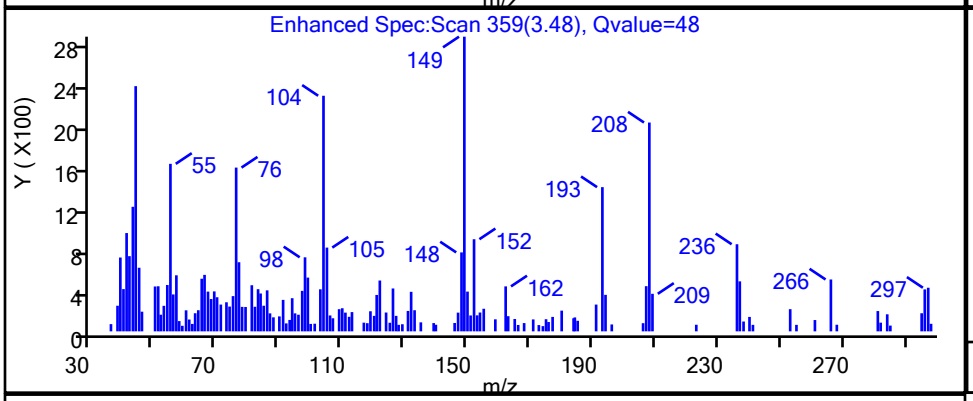
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

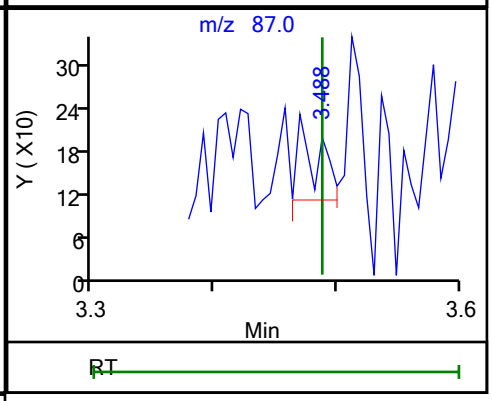
37 Isopropyl ether, CAS: 108-20-3

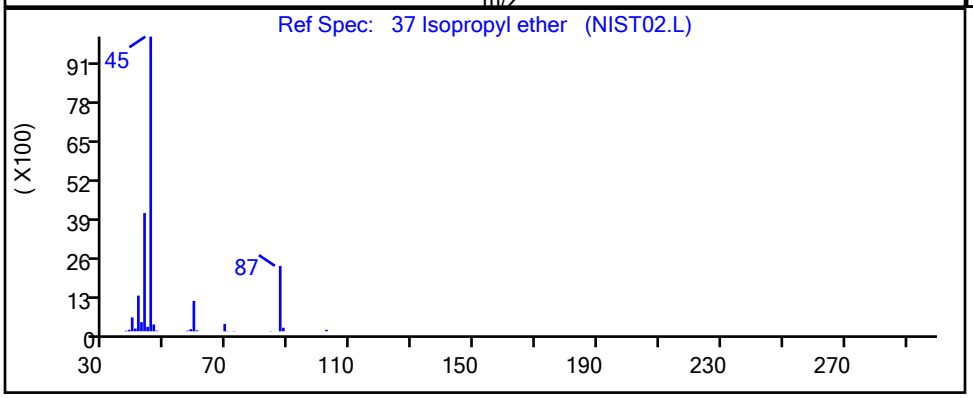
Processing Results











RT	Mass	Response	Amount
3.48	45.00	374	0.040201
3.49	87.00	130	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

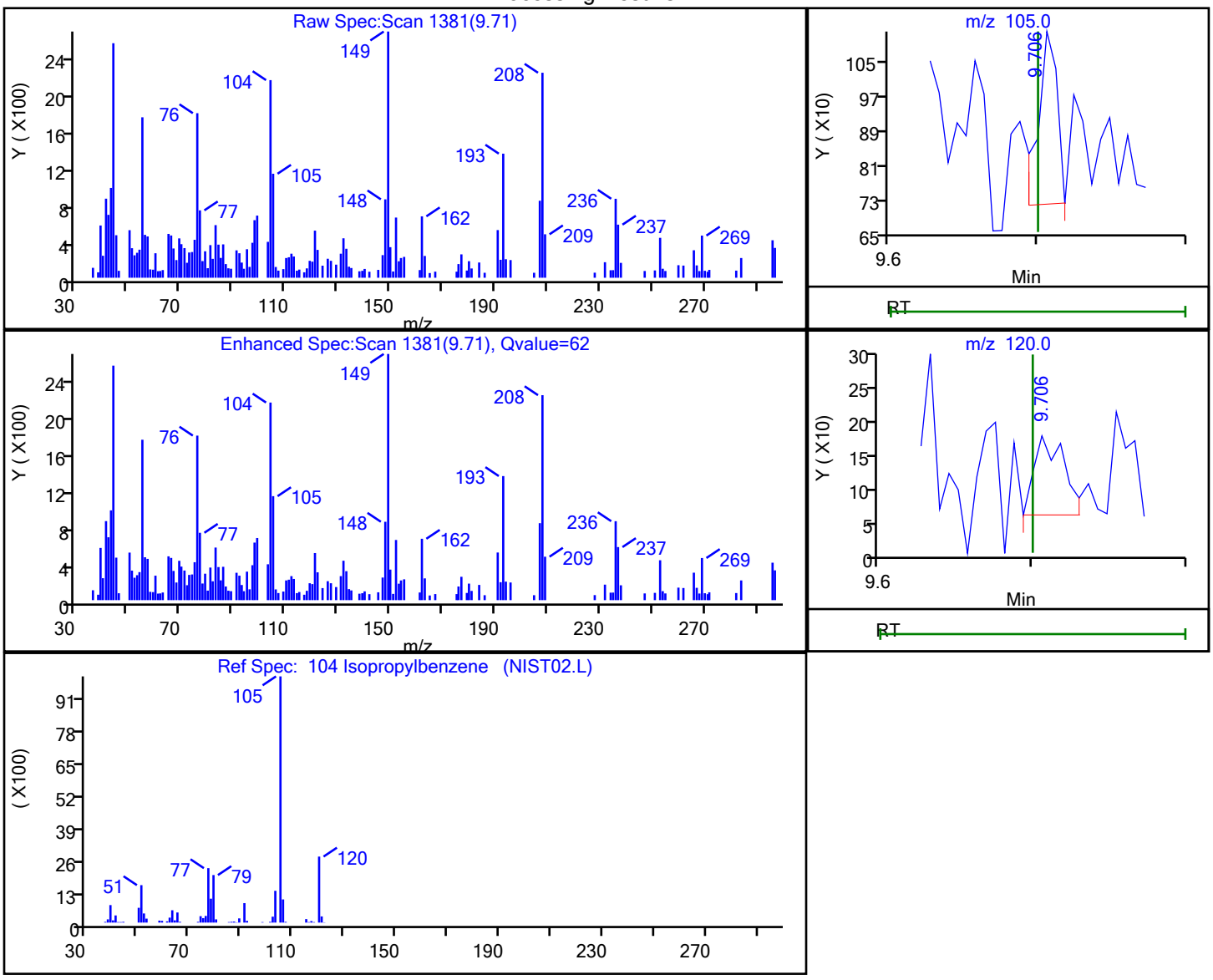
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

104 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
9.71	105.00	360	0.024020
9.71	120.00	158	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

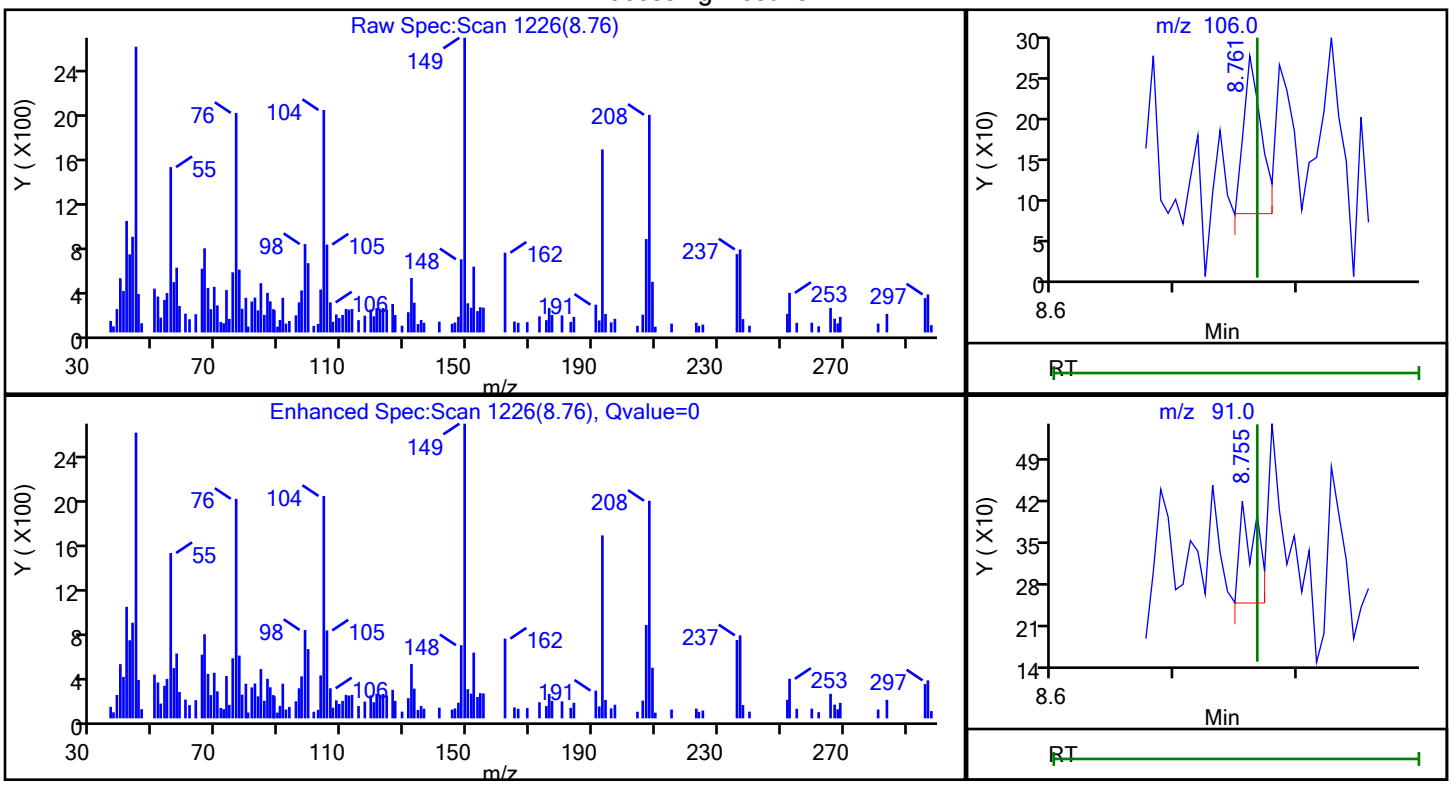
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.76	106.00	197	0.010419
8.75	91.00	161	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

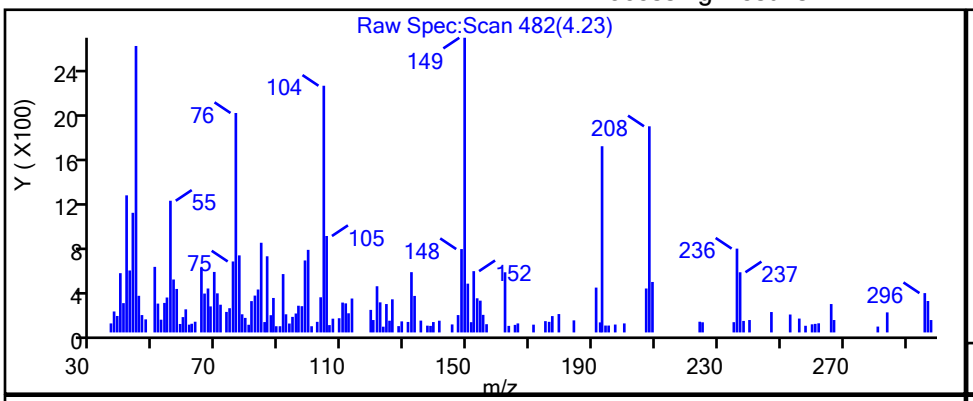
User Disabled Compound Report

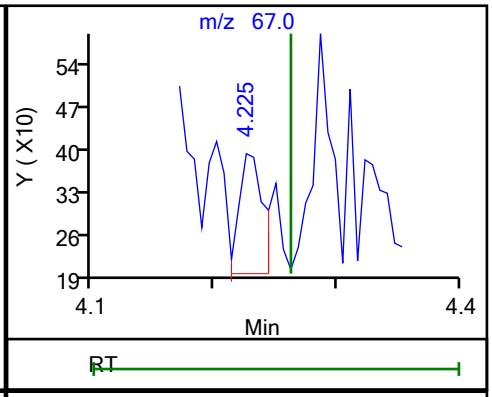
Eurofins Edison

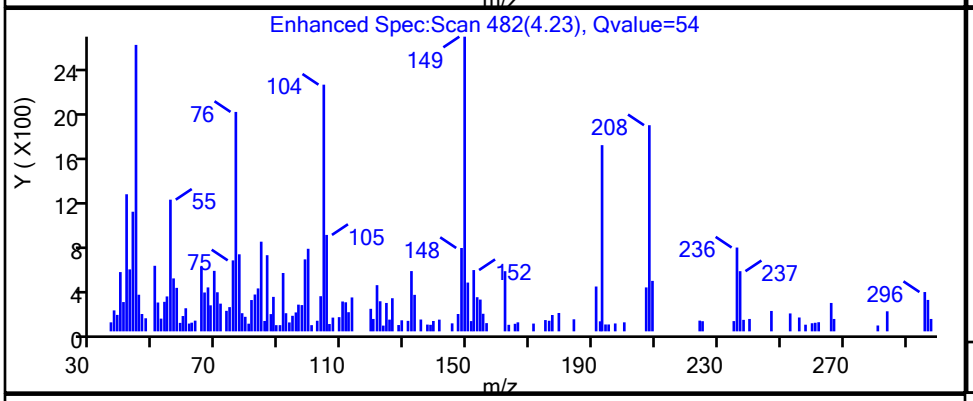
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

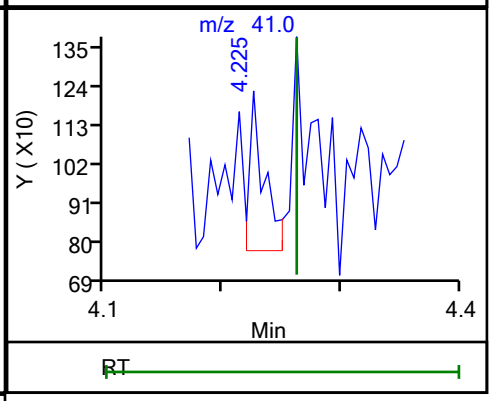
51 Methacrylonitrile, CAS: 126-98-7

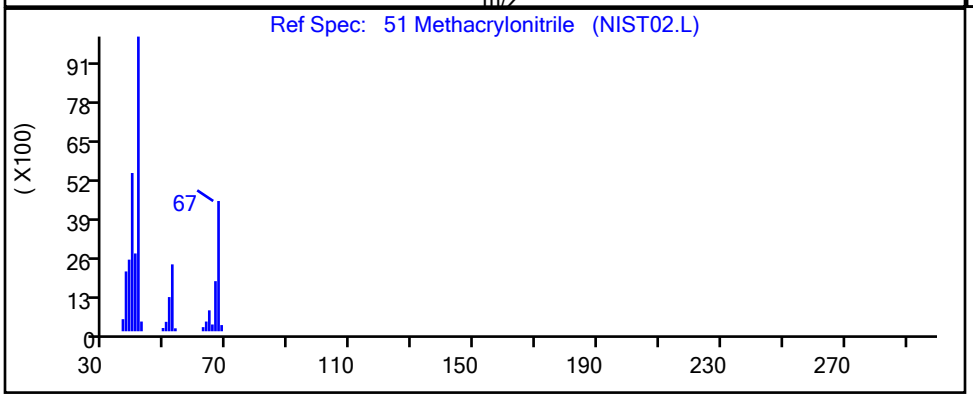
Processing Results











RT	Mass	Response	Amount
4.23	67.00	268	0.351306
4.23	41.00	404	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

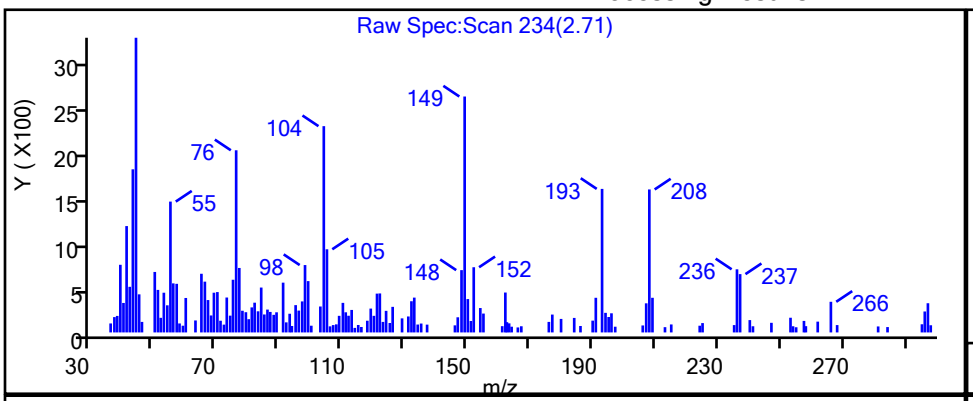
User Disabled Compound Report

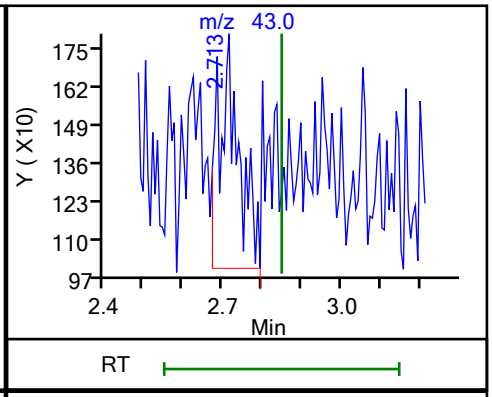
Eurofins Edison

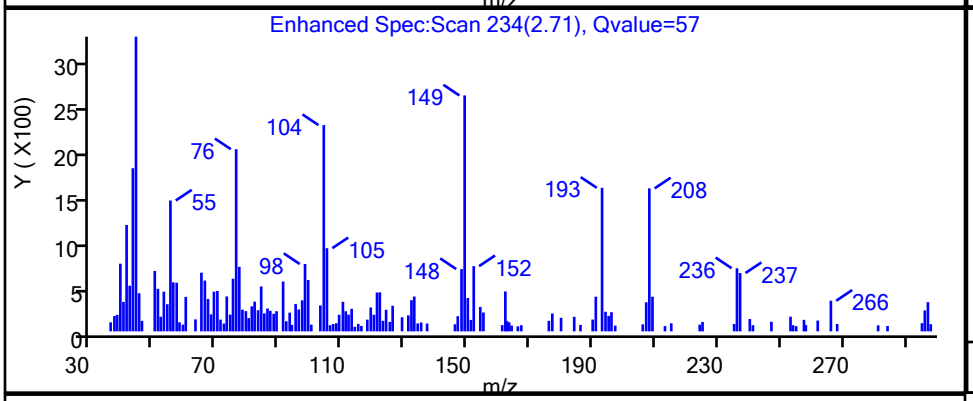
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

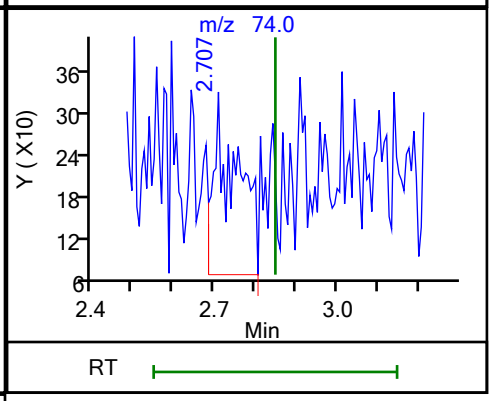
27 Methyl acetate, CAS: 79-20-9

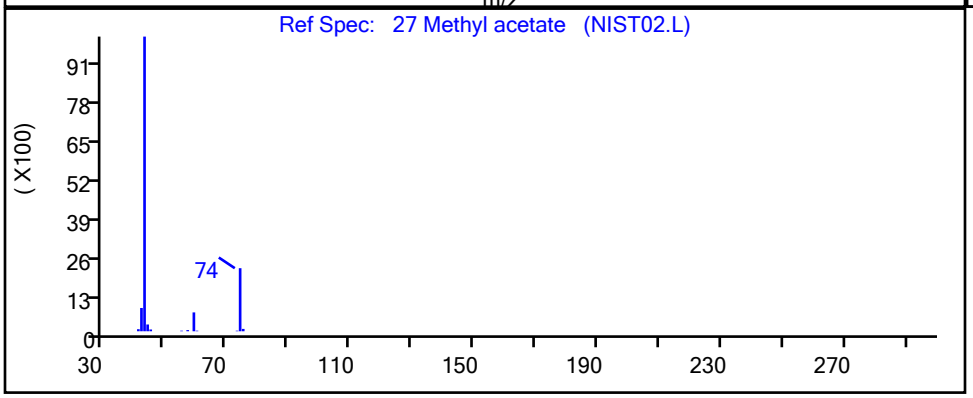
Processing Results











RT	Mass	Response	Amount
2.71	43.00	2861	1.506529
2.71	74.00	1051	

Reviewer: FK2C, 09-May-2024 09:06:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

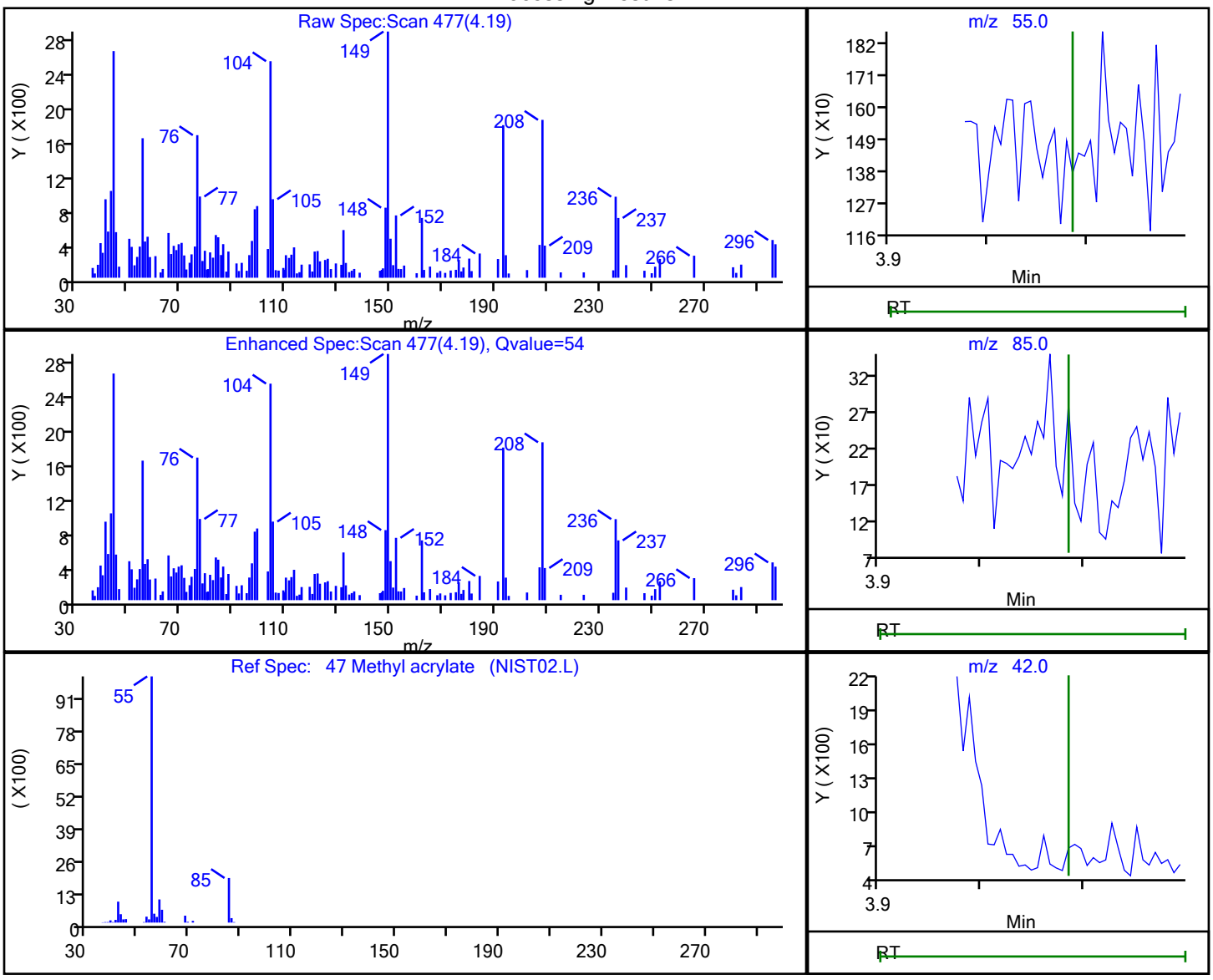
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
4.19	55.00	438	0.297599
4.18	85.00	235	
4.20	42.00	495	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

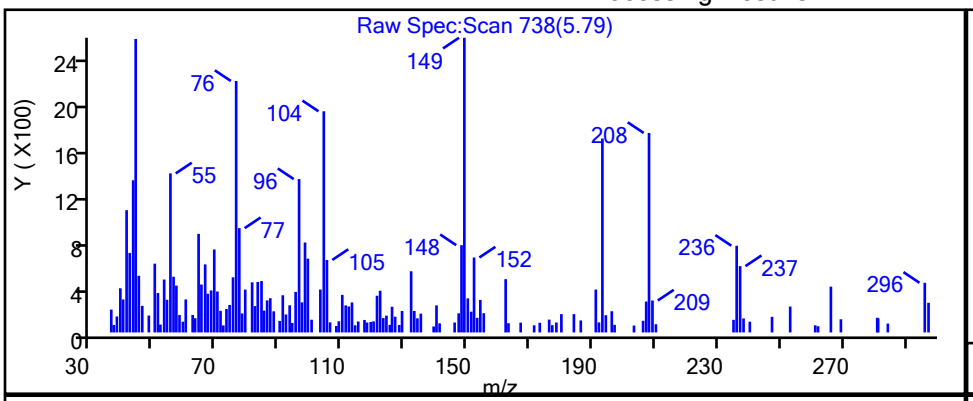
User Disabled Compound Report

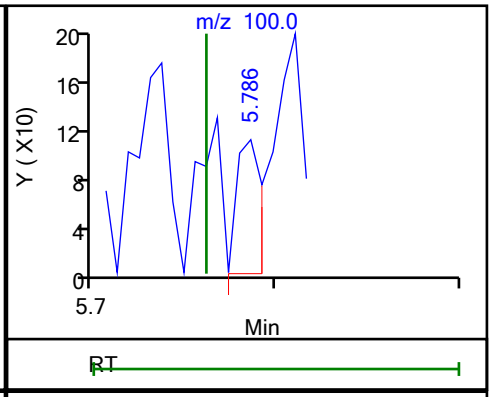
Eurofins Edison

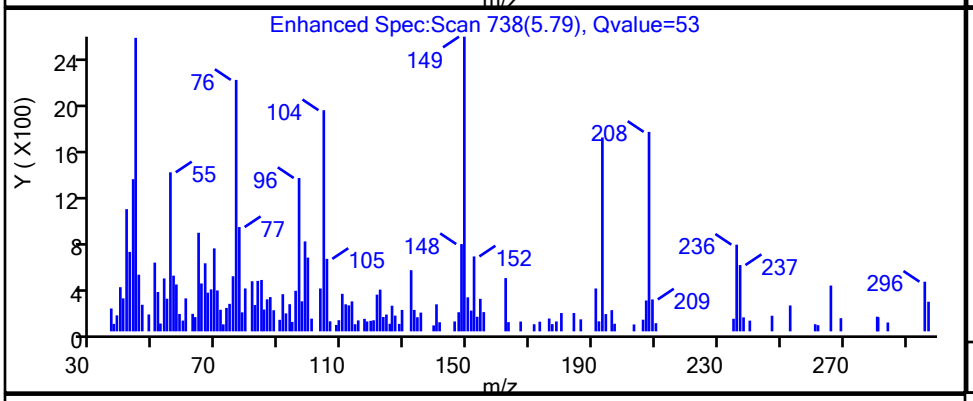
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

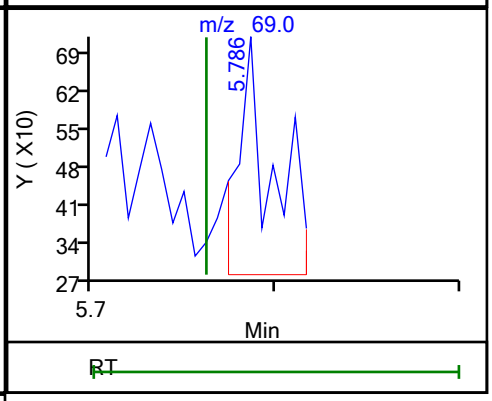
73 Methyl methacrylate, CAS: 80-62-6

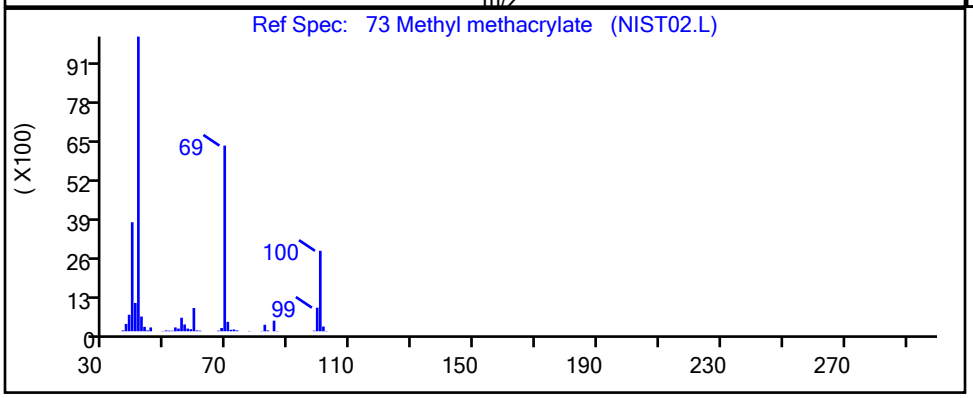
Processing Results











RT	Mass	Response	Amount
5.79	100.00	102	0.191365
5.79	69.00	574	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

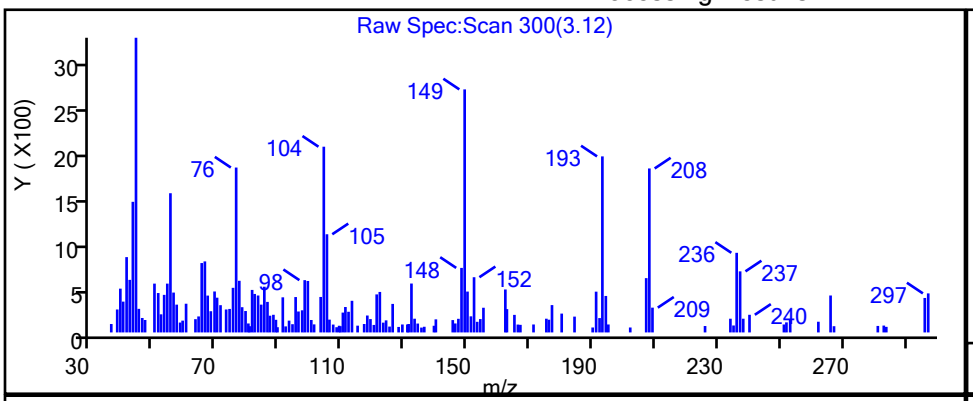
User Disabled Compound Report

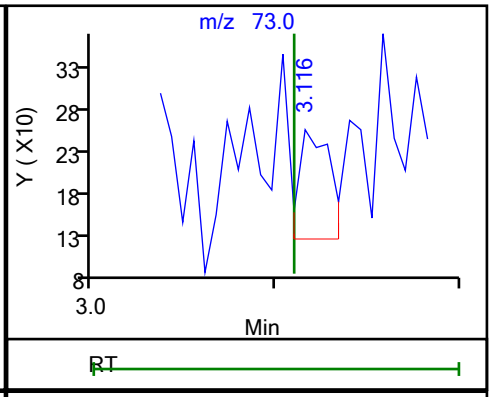
Eurofins Edison

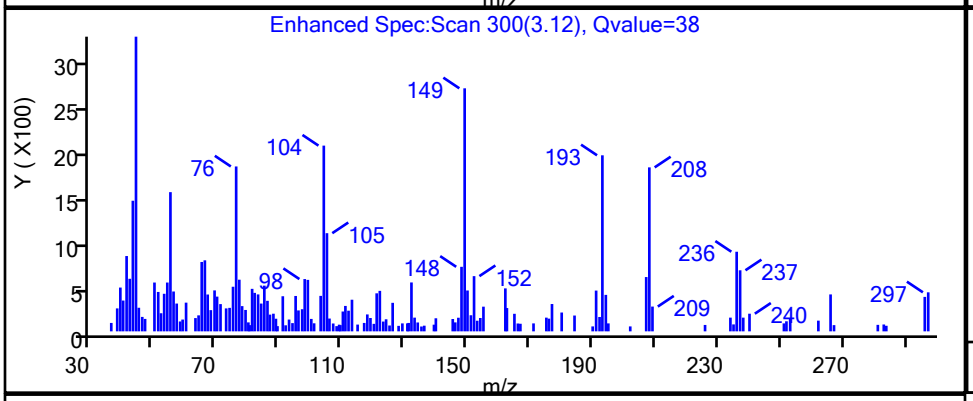
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

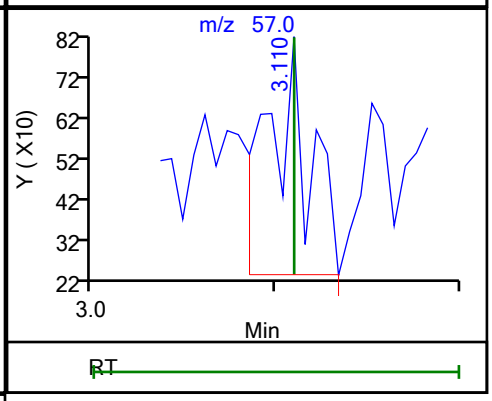
33 Methyl tert-butyl ether, CAS: 1634-04-4

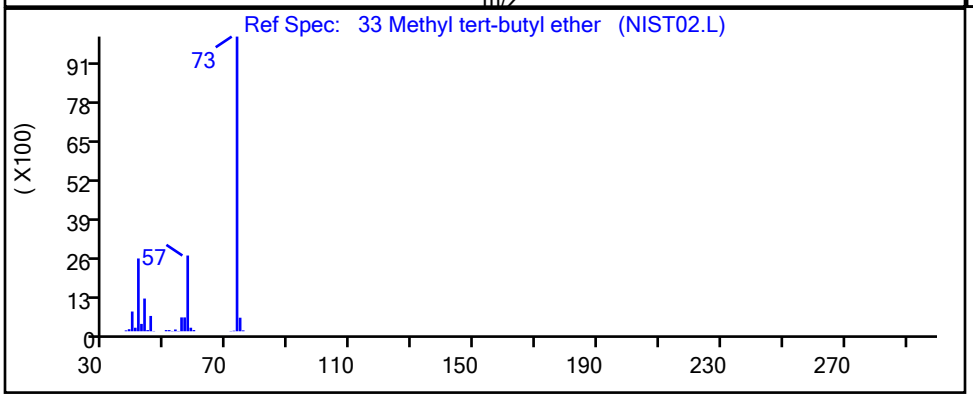
Processing Results











RT	Mass	Response	Amount
3.12	73.00	156	0.019629
3.11	57.00	953	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

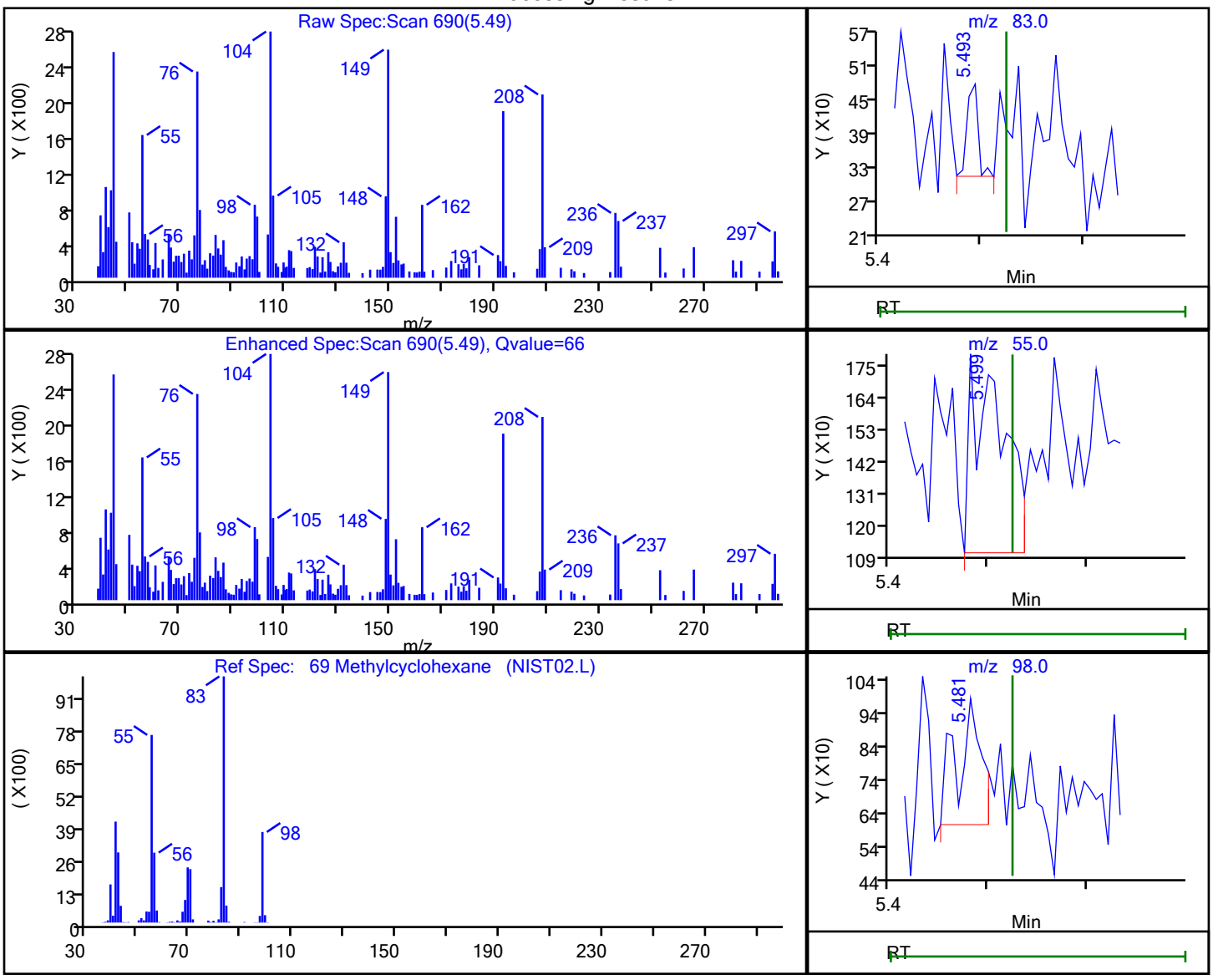
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.49	83.00	126	0.020620
5.50	55.00	1593	
5.48	98.00	657	

Reviewer: FK2C, 09-May-2024 09:07:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

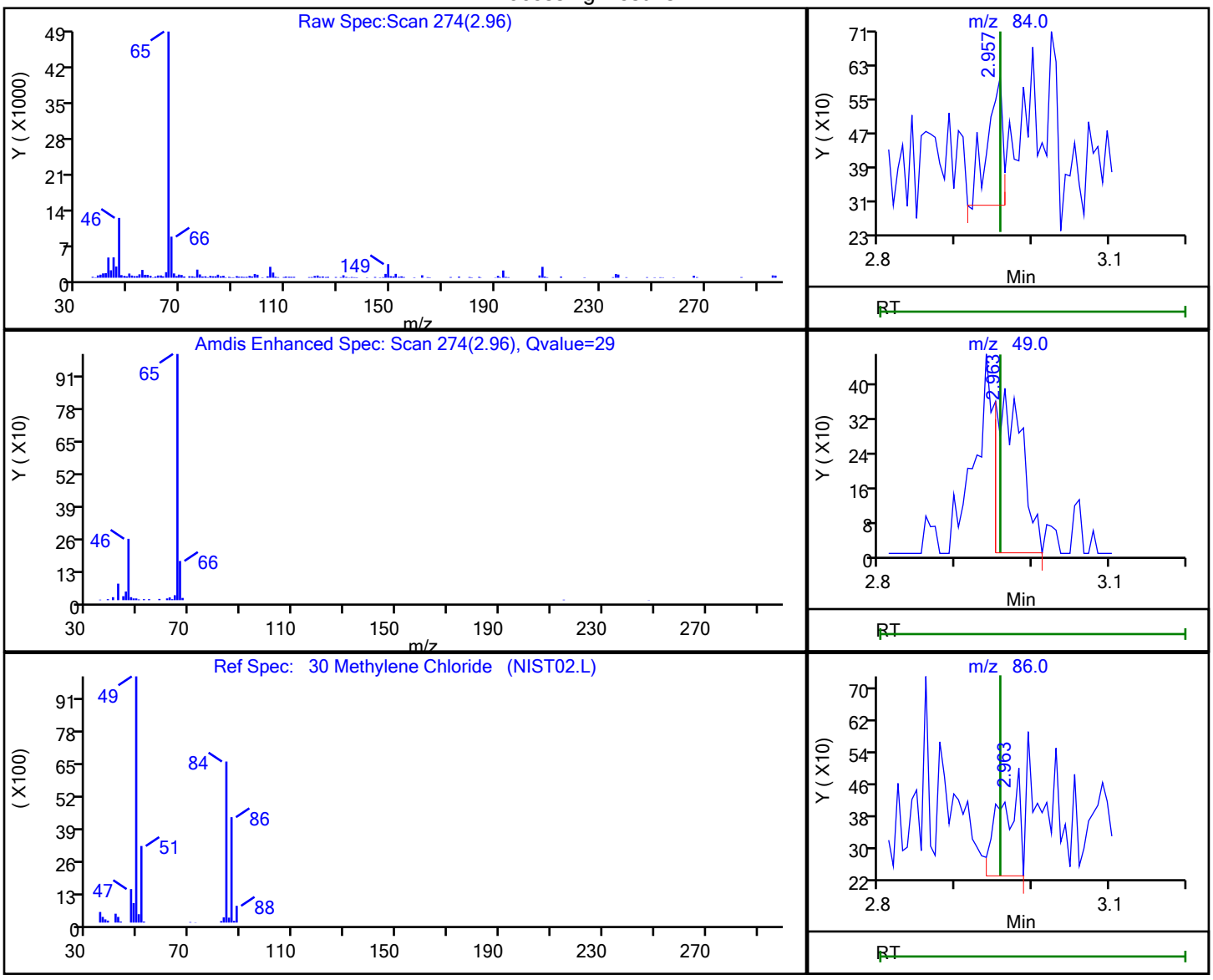
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.96	84.00	431	0.123022
2.96	49.00	902	
2.96	86.00	444	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

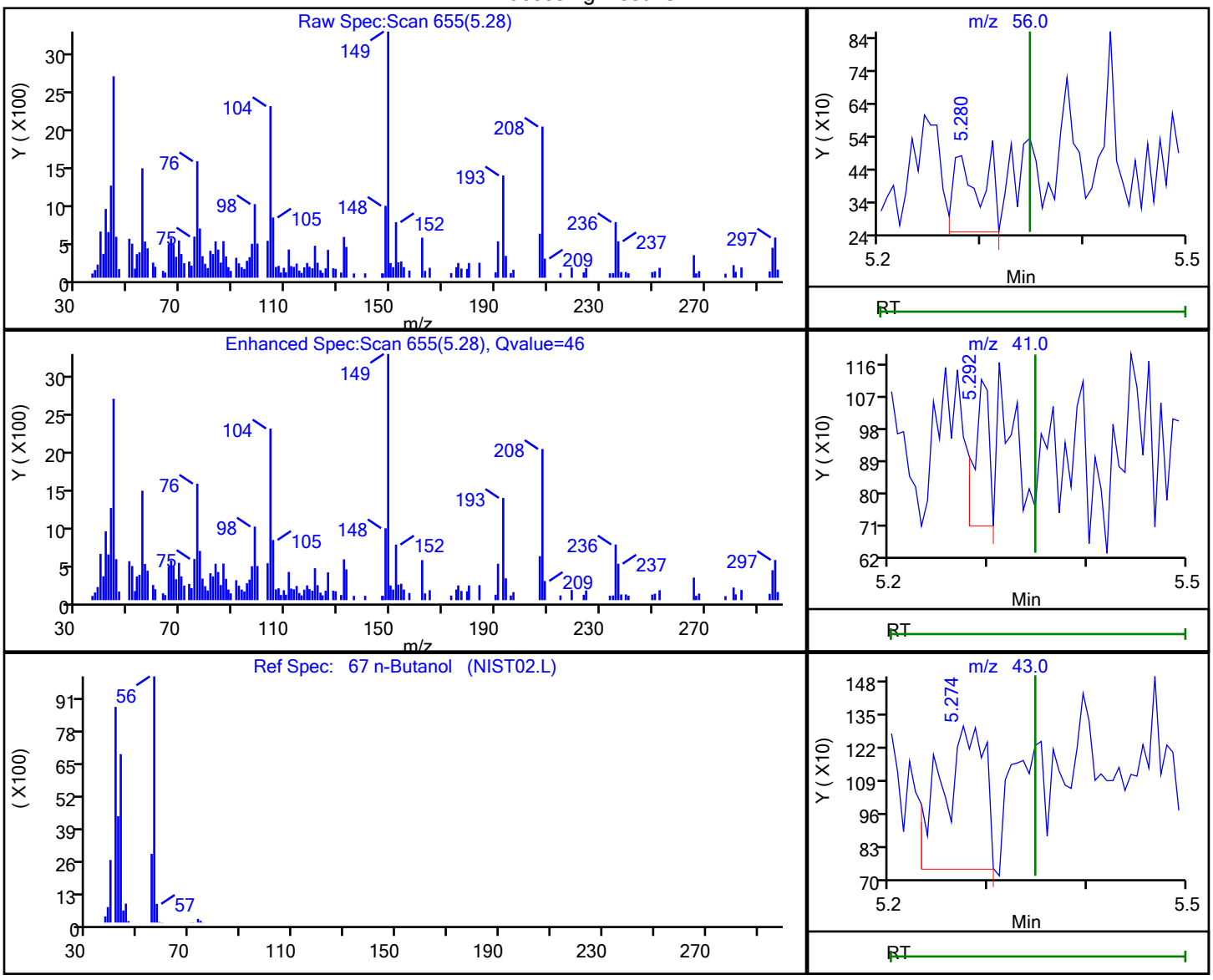
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
5.28	56.00	456	10.153800
5.29	41.00	419	
5.27	43.00	1699	

Reviewer: FK2C, 09-May-2024 09:07:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

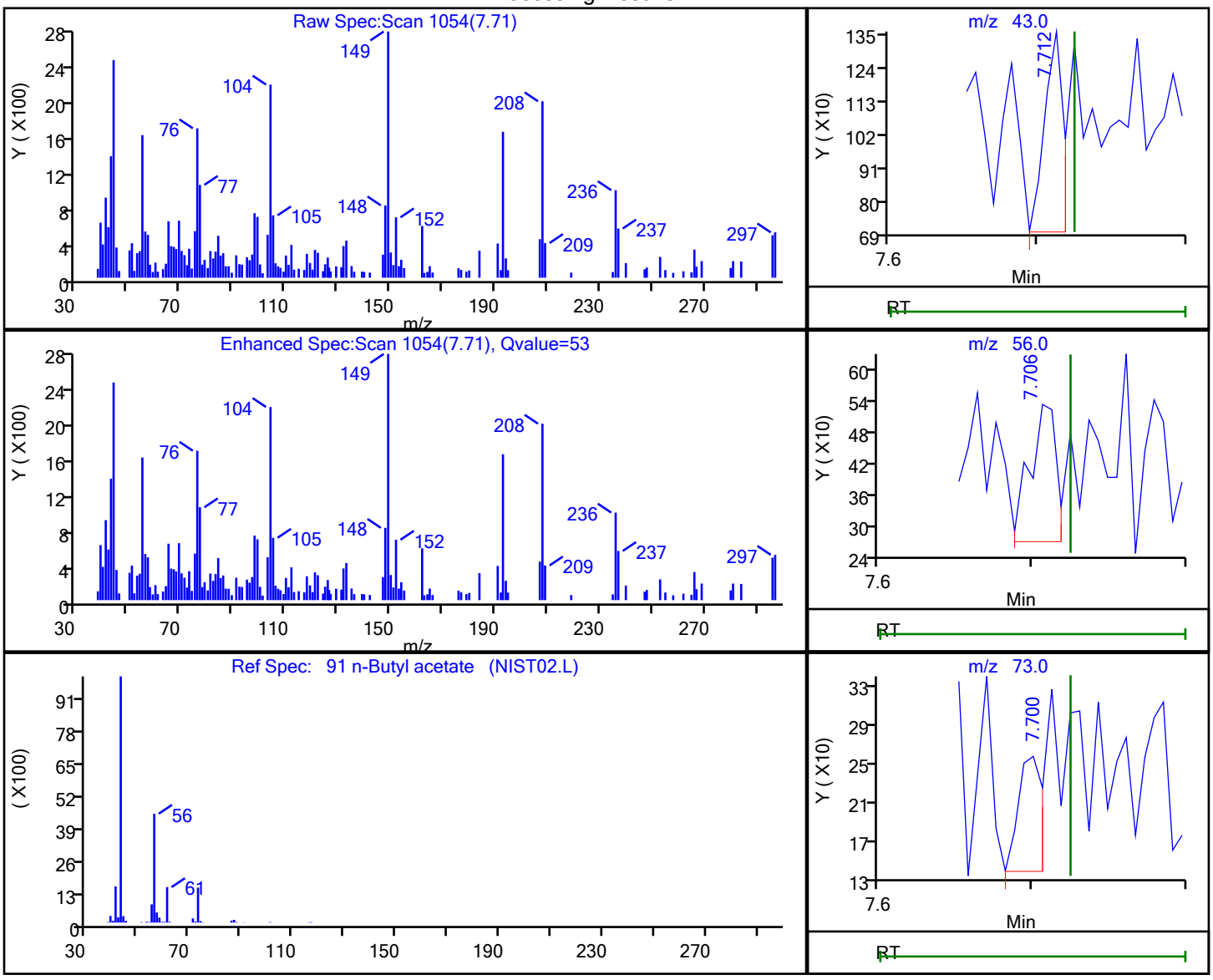
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

91 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.71	43.00	587	0.266793
7.71	56.00	318	
7.70	73.00	128	

Reviewer: FK2C, 09-May-2024 09:07:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

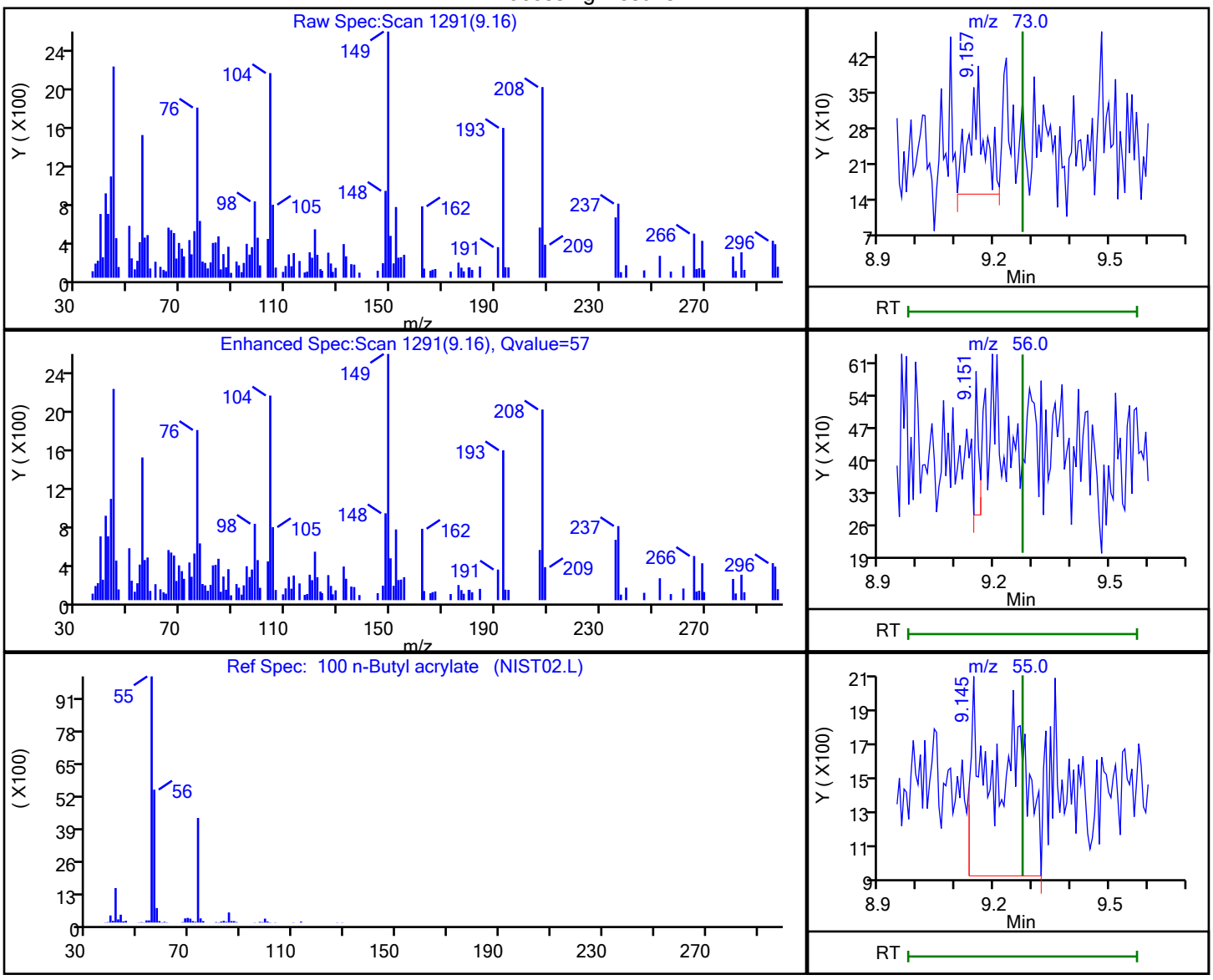
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

100 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
9.16	73.00	612	0.392928
9.15	56.00	191	
9.15	55.00	6488	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

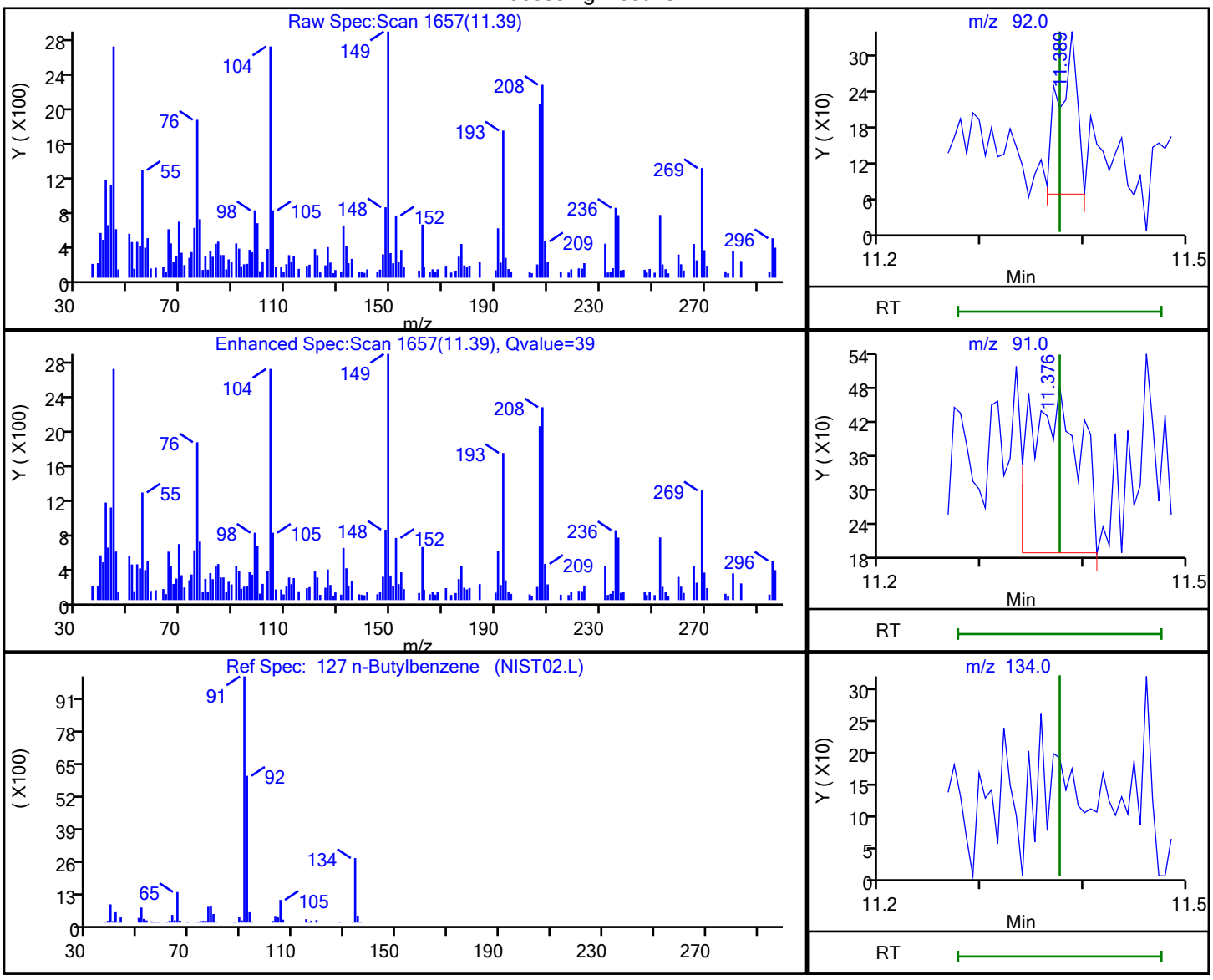
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.39	92.00	337	0.047073
11.38	91.00	946	
11.38	134.00	0	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

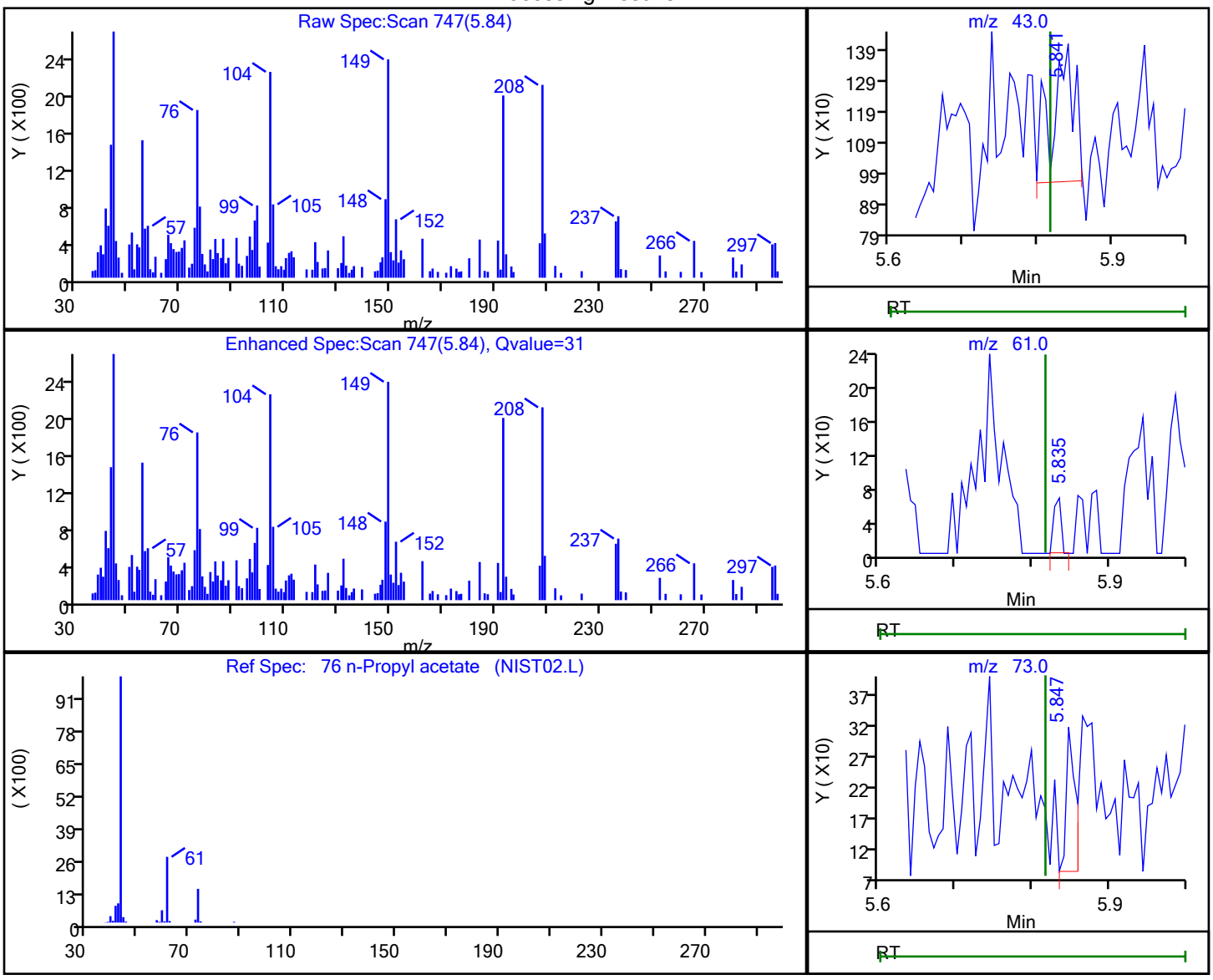
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

76 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.84	43.00	942	0.443075
5.83	61.00	44	
5.85	73.00	189	

Reviewer: FK2C, 09-May-2024 09:07:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

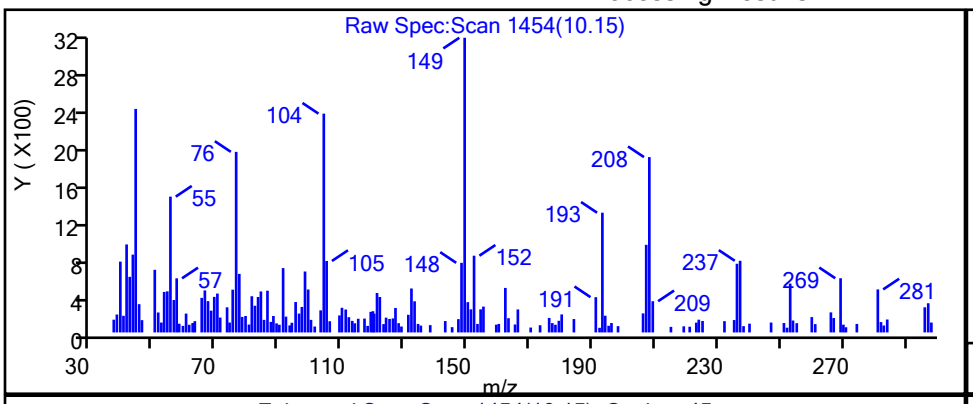
User Disabled Compound Report

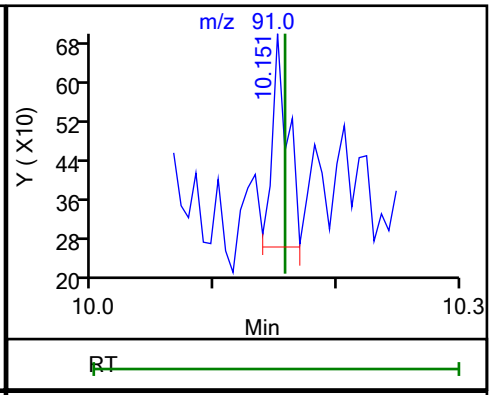
Eurofins Edison

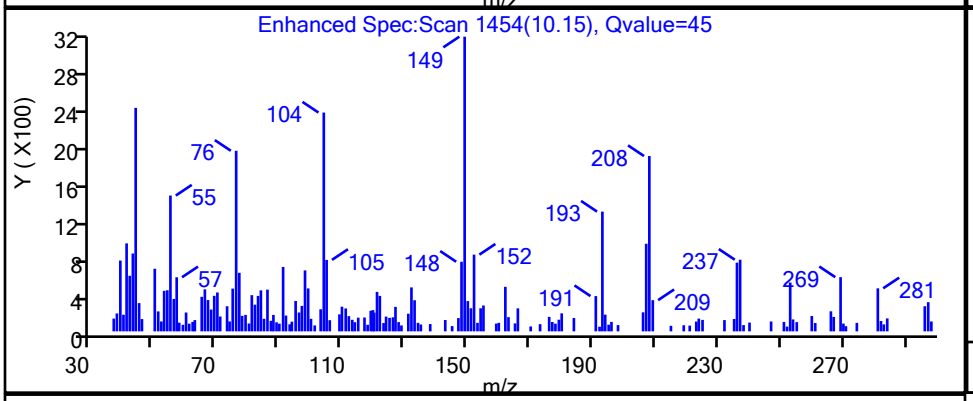
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

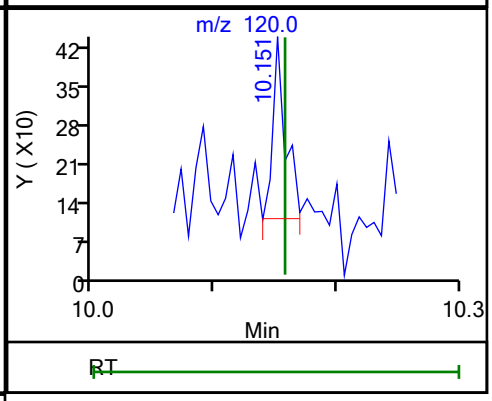
108 N-Propylbenzene, CAS: 103-65-1

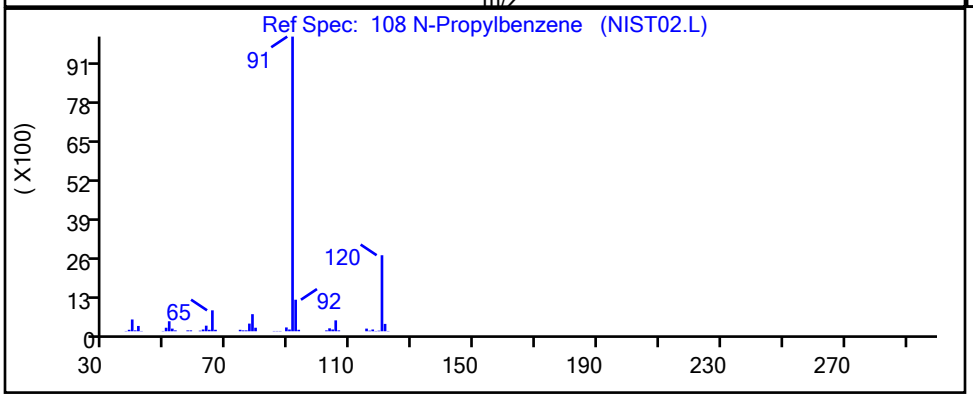
Processing Results











RT	Mass	Response	Amount
10.15	91.00	388	0.020636
10.15	120.00	241	

Reviewer: FK2C, 09-May-2024 09:07:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

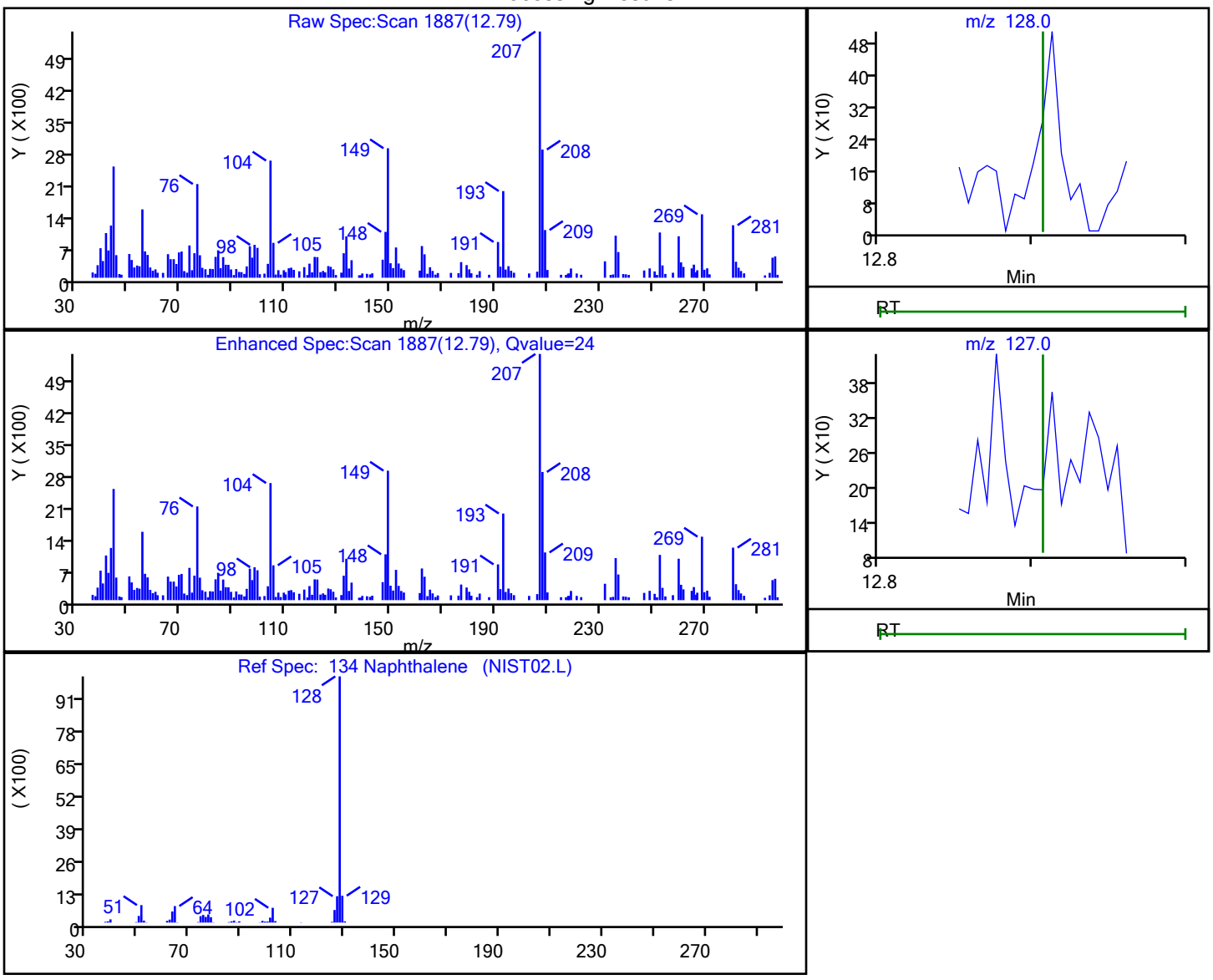
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.79	128.00	167	0.021110
12.79	127.00	231	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

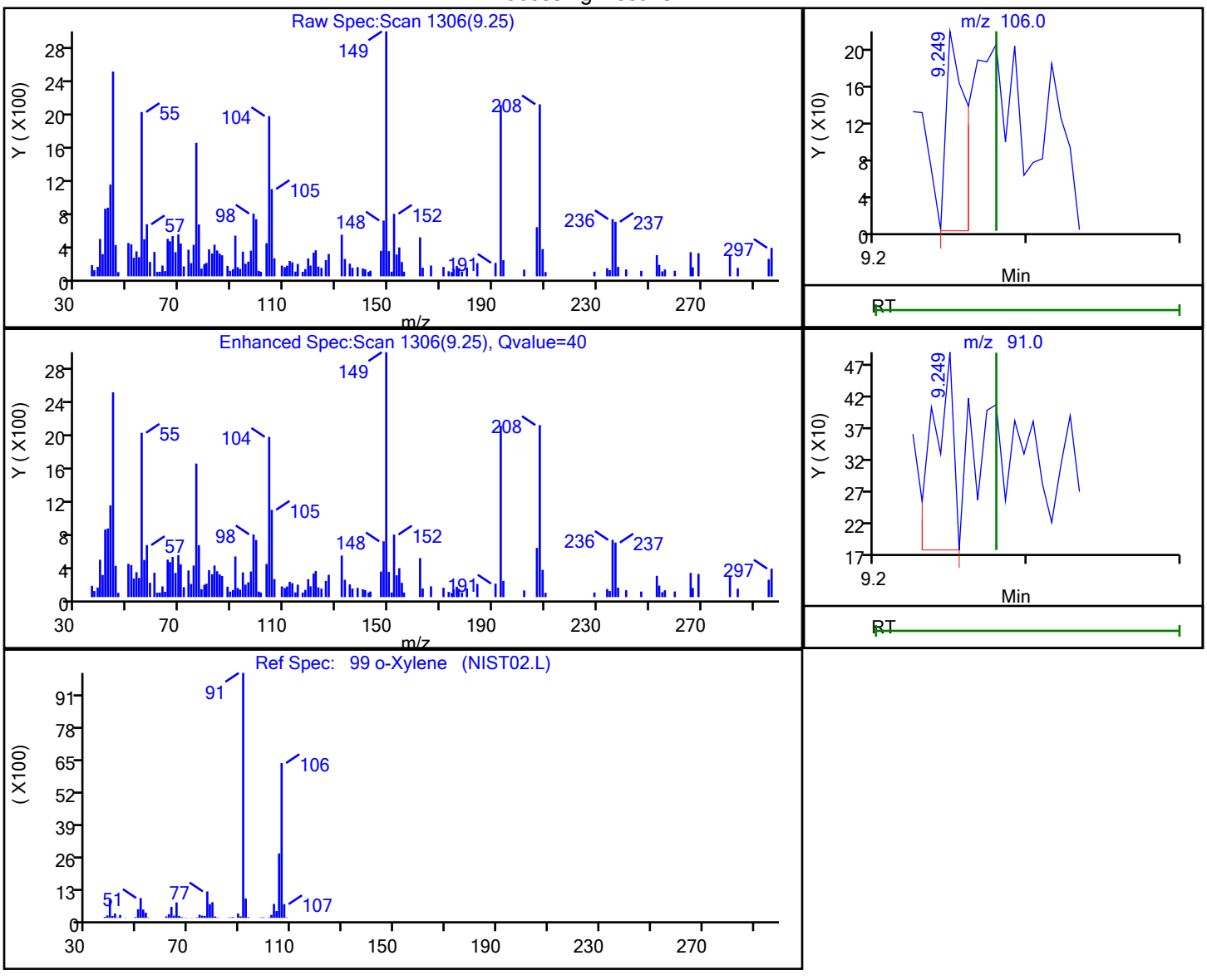
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

99 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
9.25	106.00	186	0.018066
9.25	91.00	278	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

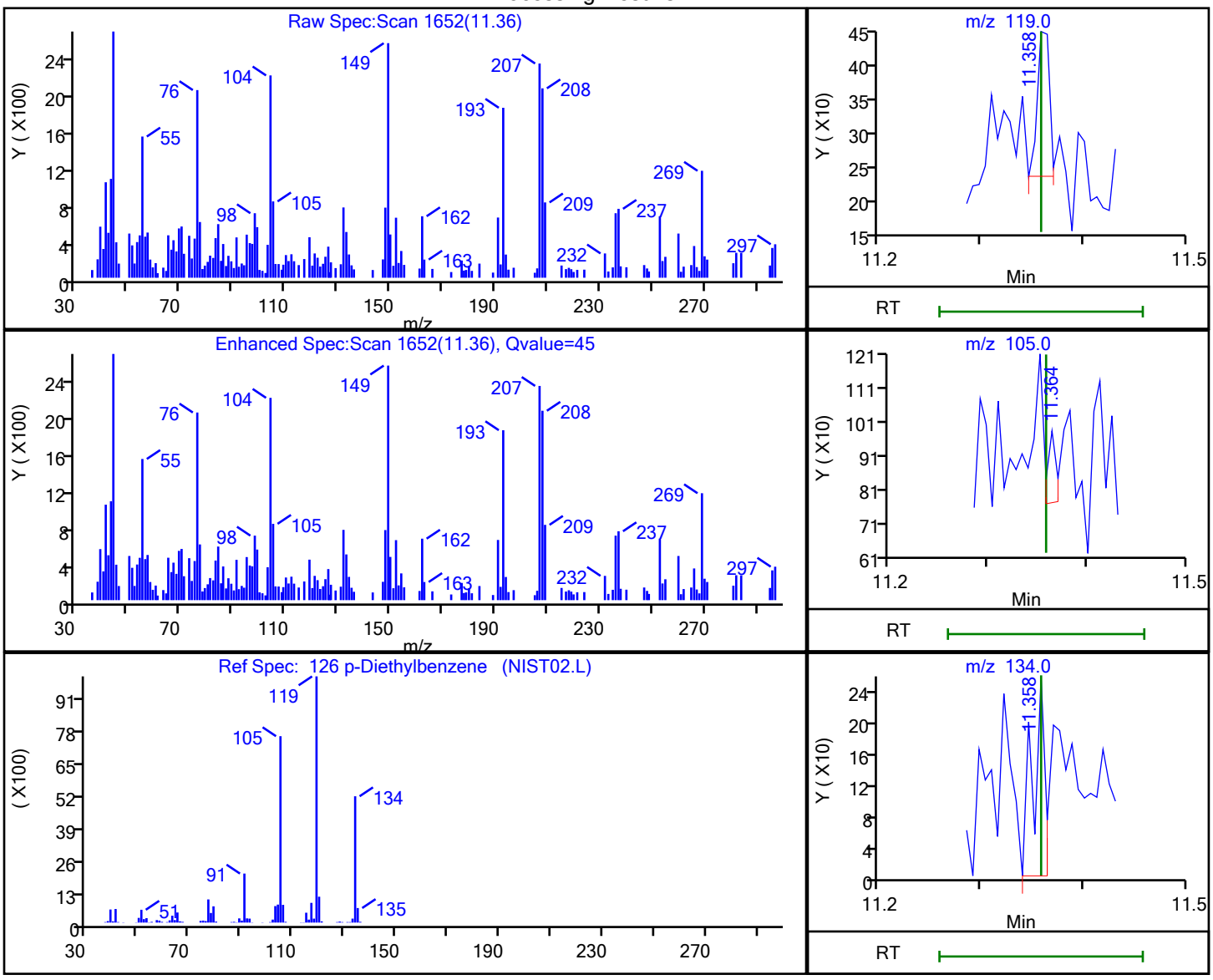
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
11.36	119.00	178	0.014411
11.36	105.00	131	
11.36	134.00	210	

Reviewer: FK2C, 09-May-2024 09:07:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

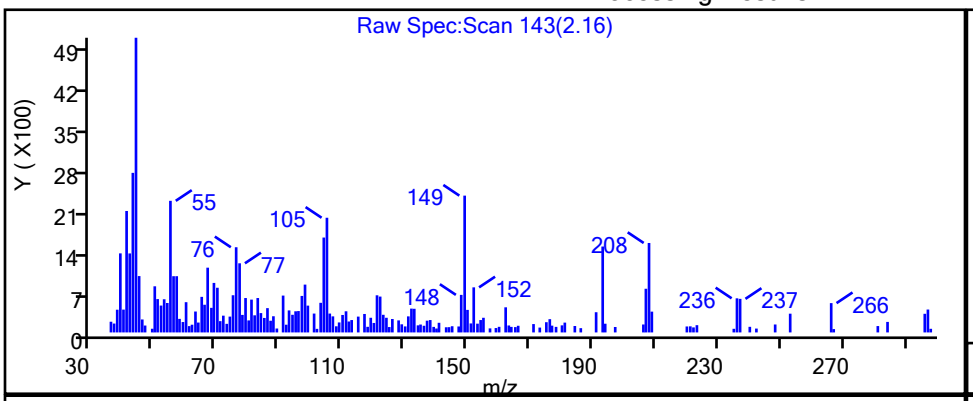
User Disabled Compound Report

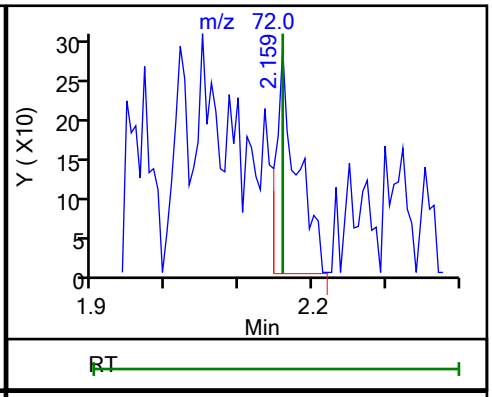
Eurofins Edison

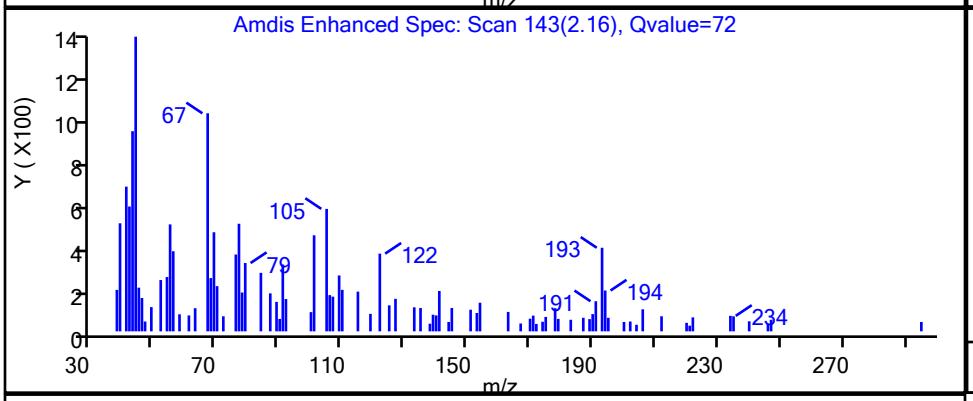
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

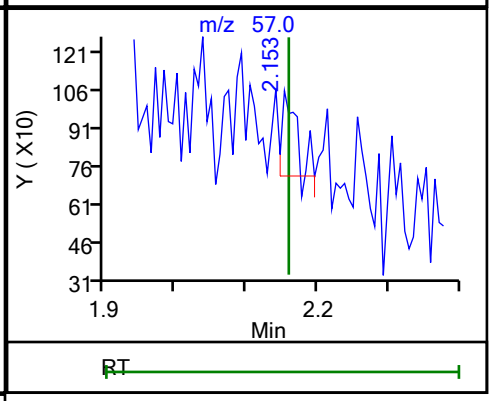
13 Pentane, CAS: 109-66-0

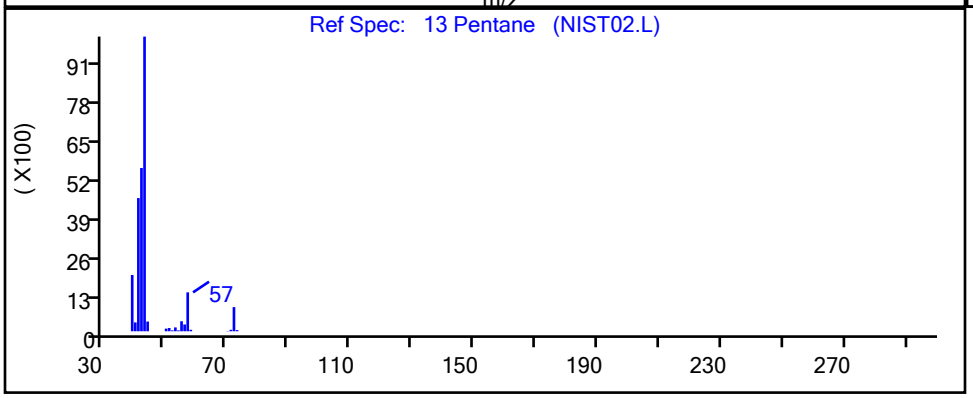
Processing Results











RT	Mass	Response	Amount
2.16	72.00	550	1.256299
2.15	57.00	481	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

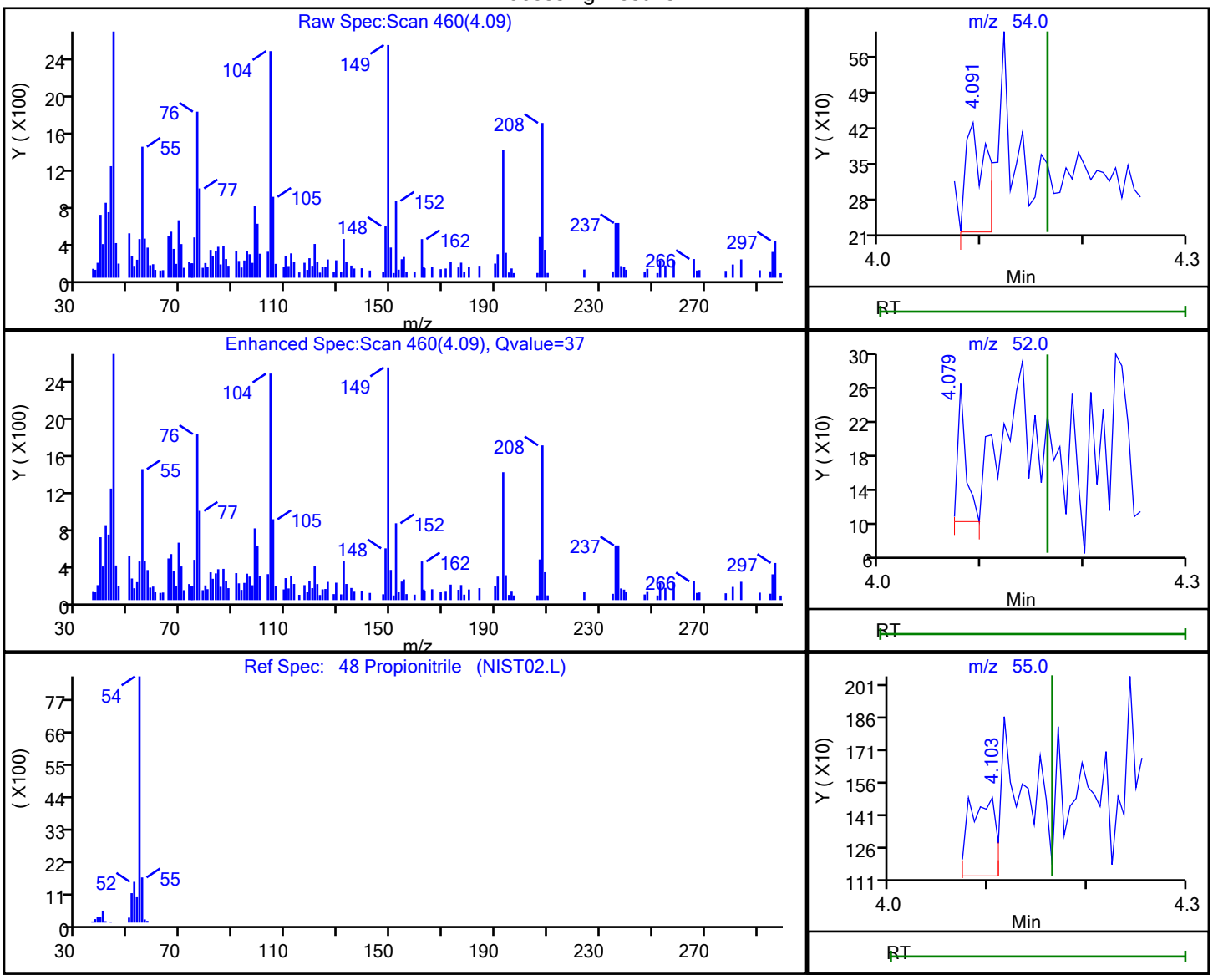
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.09	54.00	285	1.300165
4.08	52.00	89	
4.10	55.00	669	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

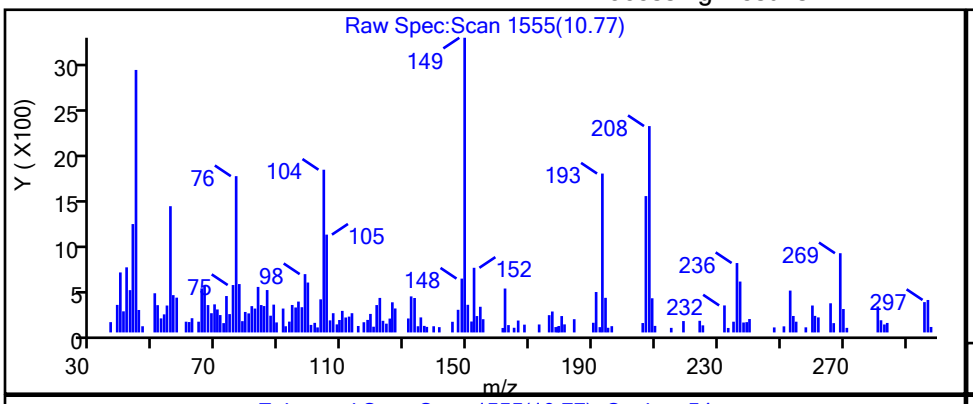
User Disabled Compound Report

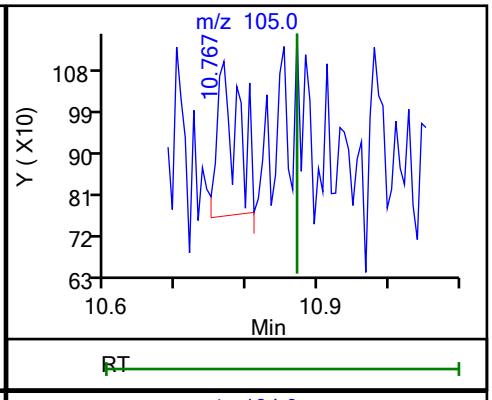
Eurofins Edison

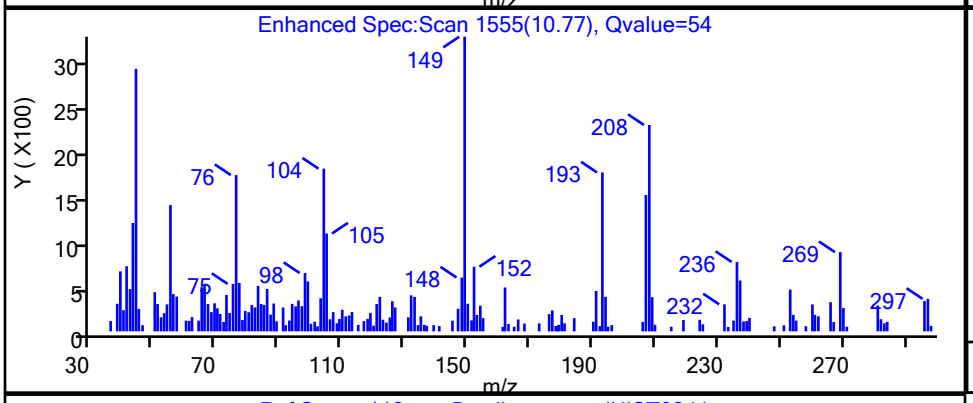
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

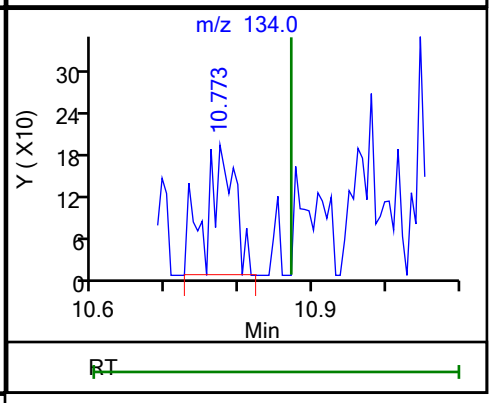
118 sec-Butylbenzene, CAS: 135-98-8

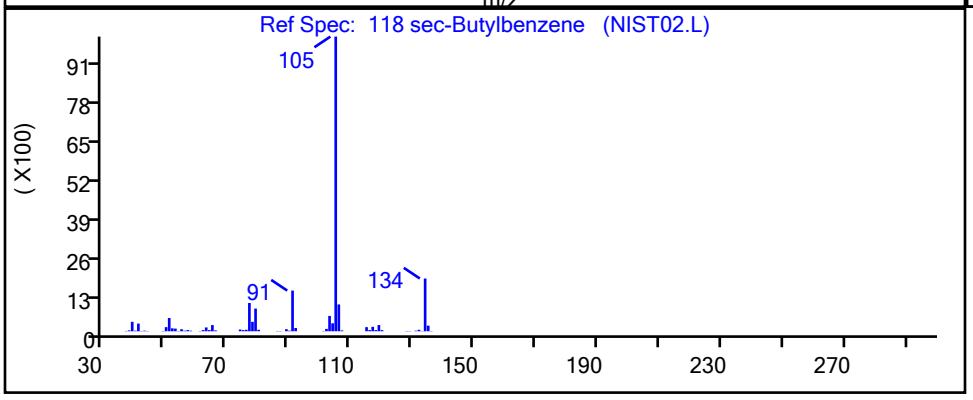
Processing Results











RT	Mass	Response	Amount
10.77	105.00	697	0.045798
10.77	134.00	518	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

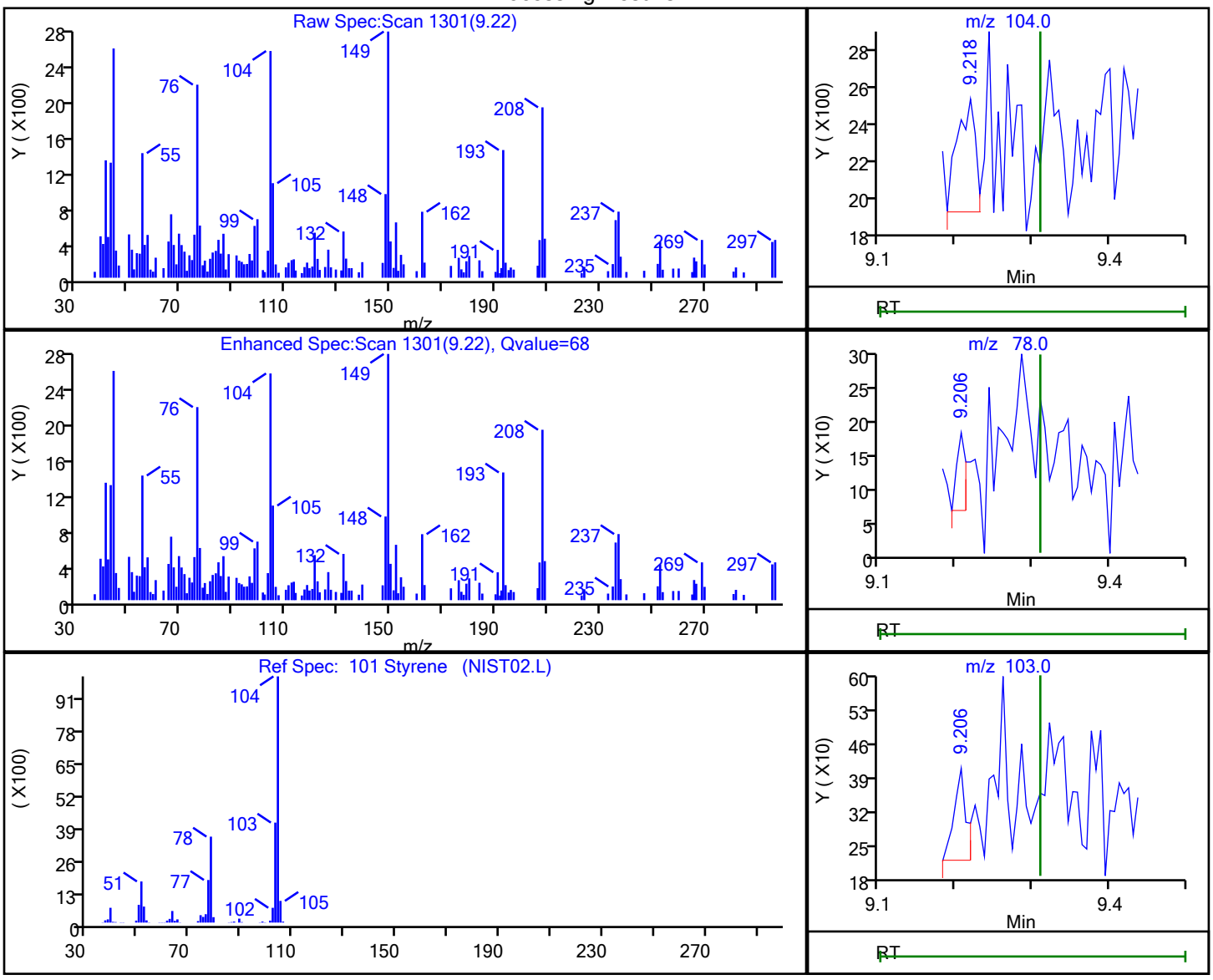
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.22	104.00	935	0.101728
9.21	78.00	95	
9.21	103.00	214	

Reviewer: FK2C, 09-May-2024 09:07:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

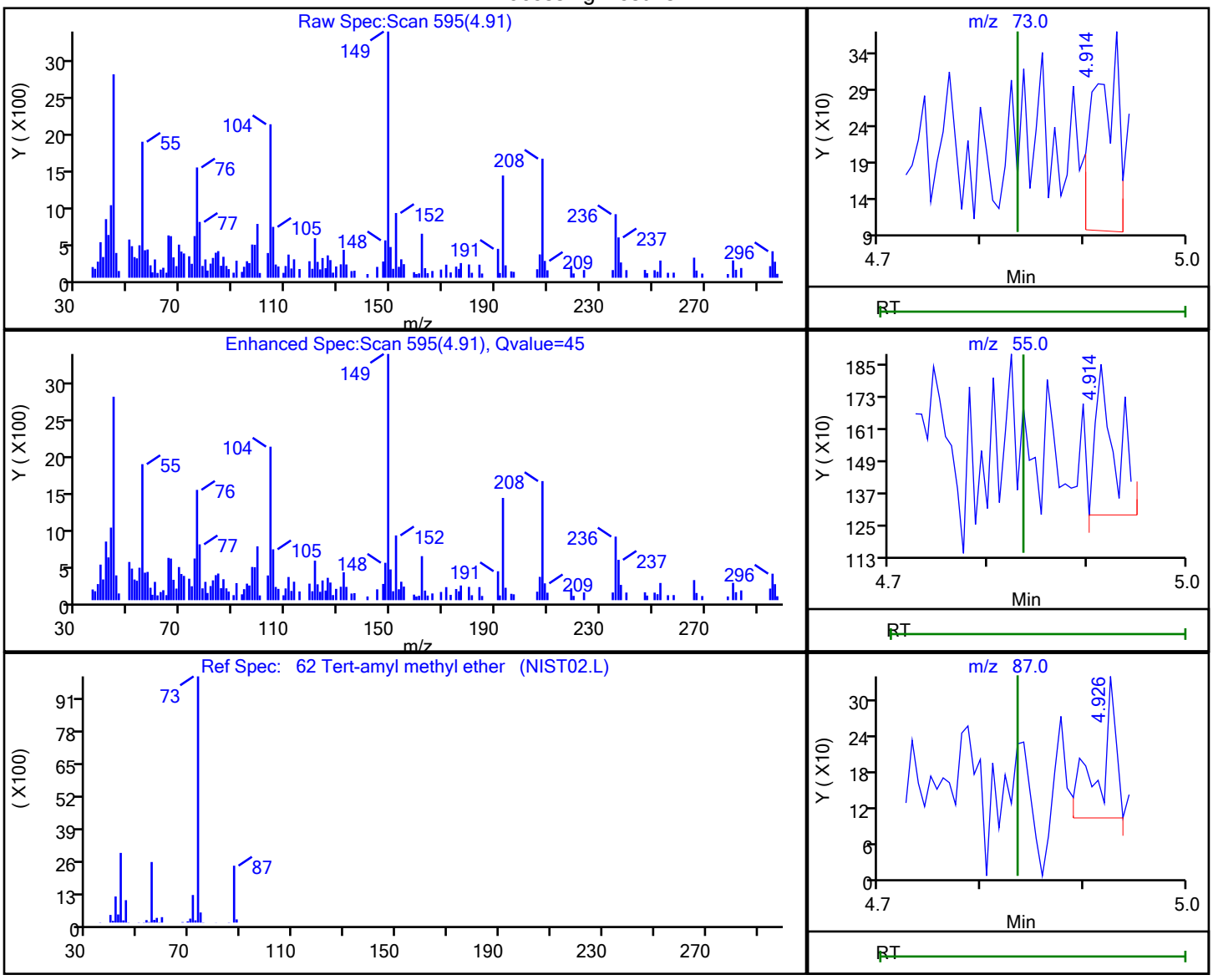
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
4.91	73.00	412	0.050201
4.91	55.00	816	
4.93	87.00	263	

Reviewer: FK2C, 09-May-2024 09:06:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

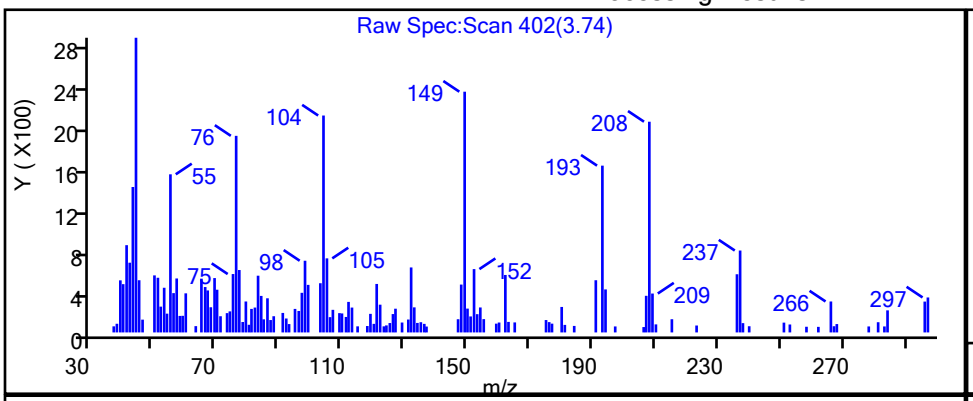
User Disabled Compound Report

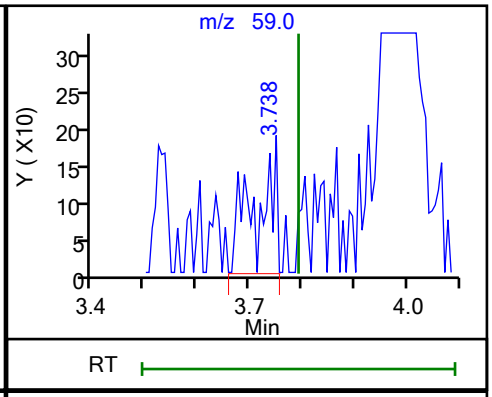
Eurofins Edison

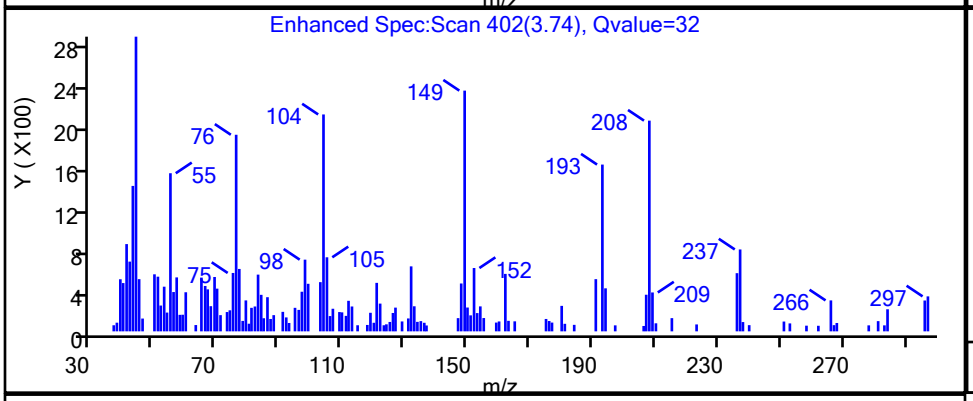
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

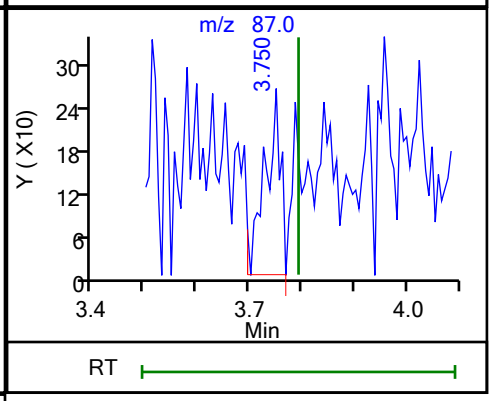
41 Tert-butyl ethyl ether, CAS: 637-92-3

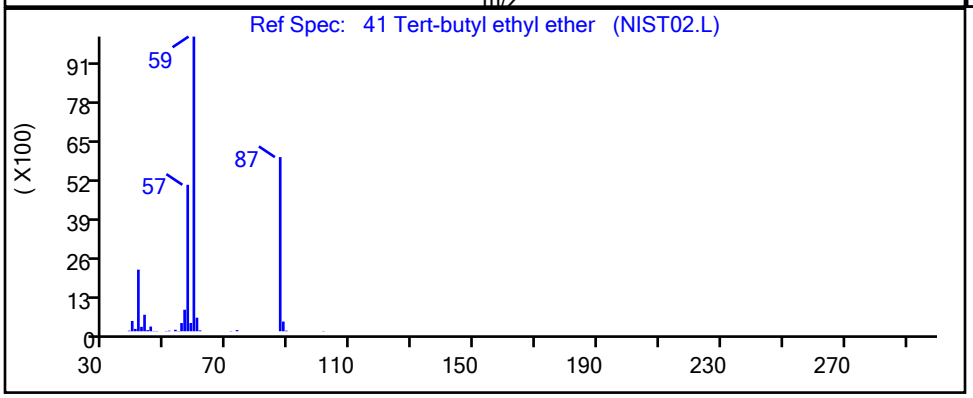
Processing Results











RT	Mass	Response	Amount
3.74	59.00	475	0.053235
3.75	87.00	549	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

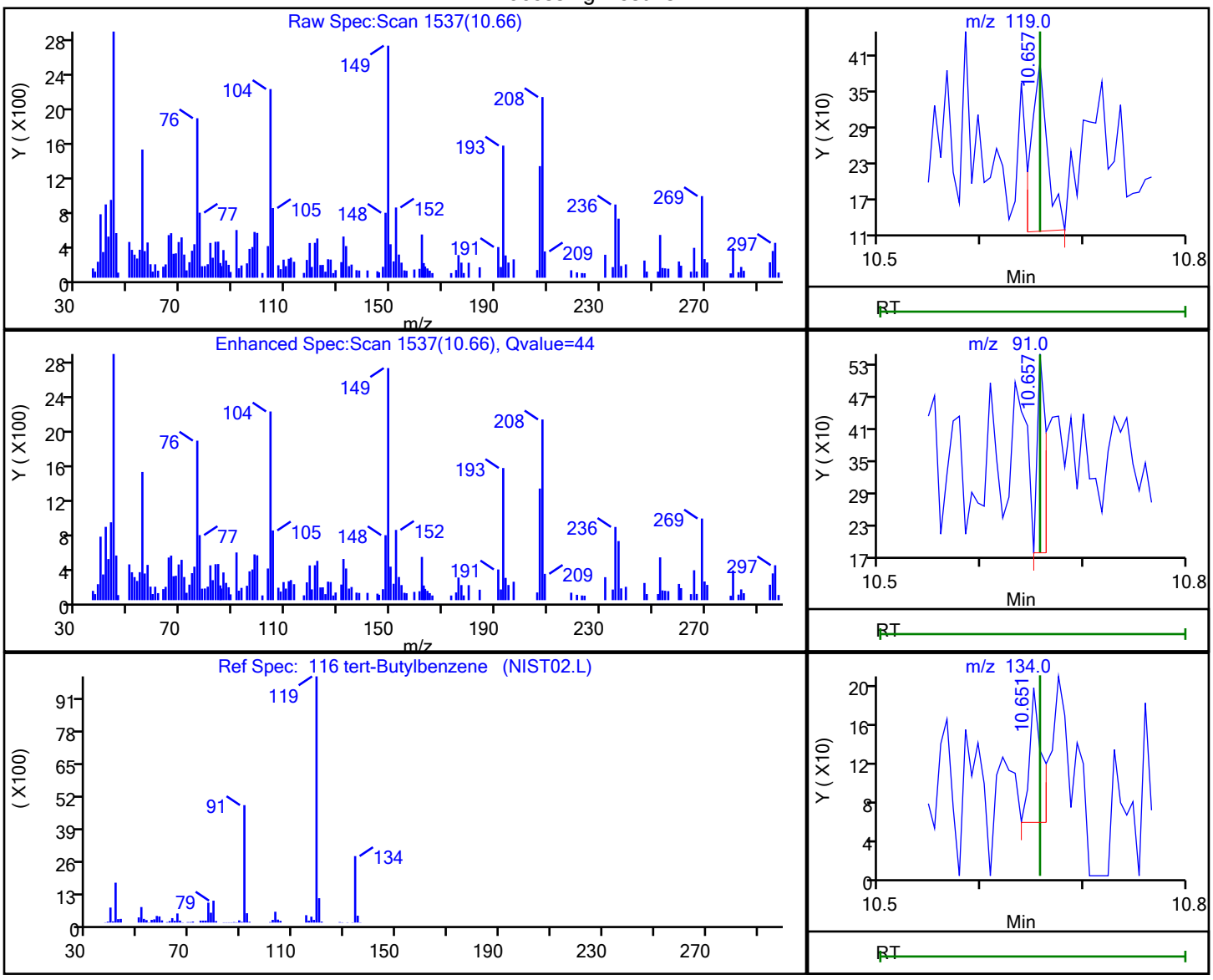
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.66	119.00	302	0.029312
10.66	91.00	219	
10.65	134.00	114	

Reviewer: FK2C, 09-May-2024 09:07:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

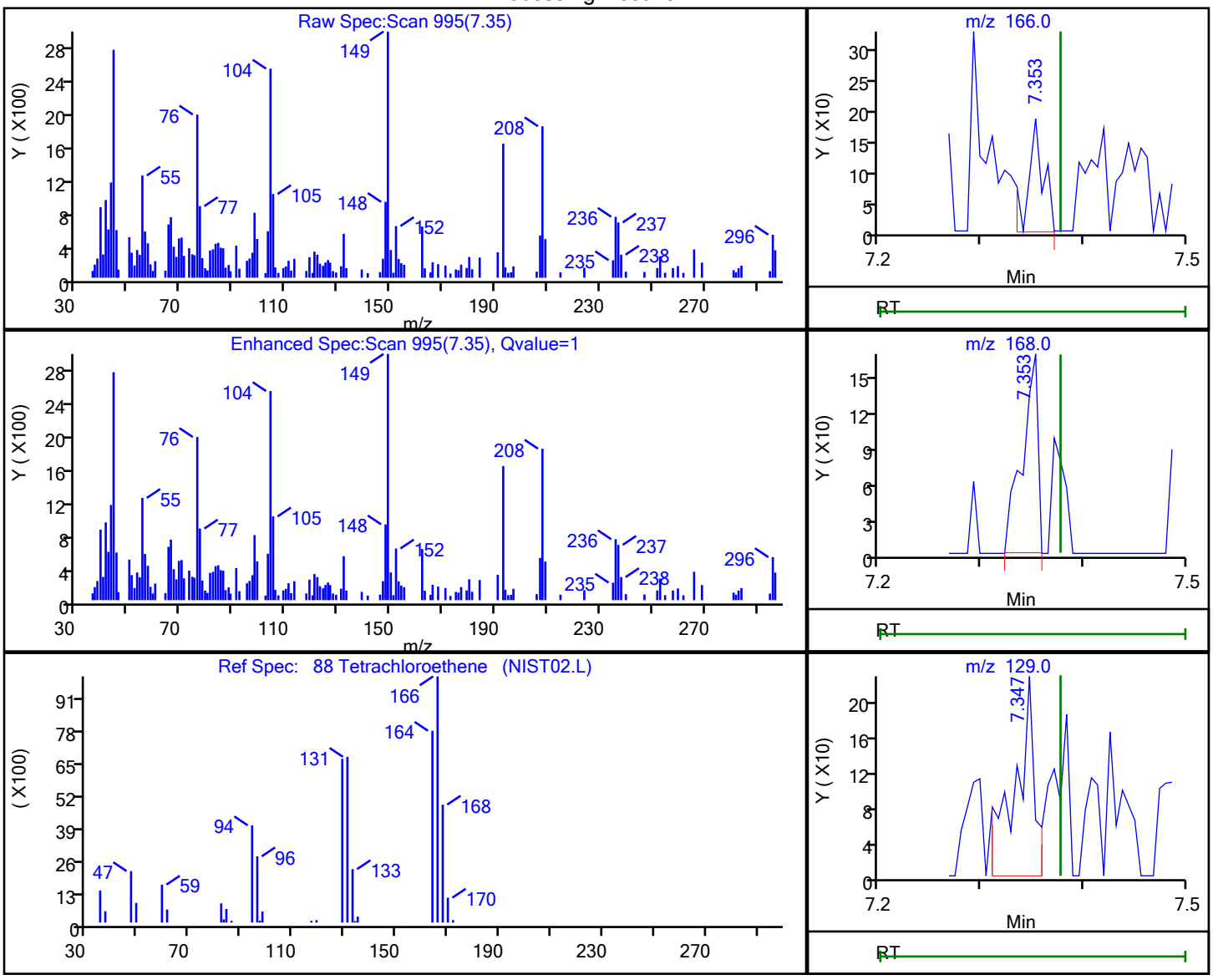
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Processing Results



RT	Mass	Response	Amount
7.35	166.00	188	0.049724
7.35	168.00	171	
7.35	129.00	309	

Reviewer: FK2C, 09-May-2024 09:07:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

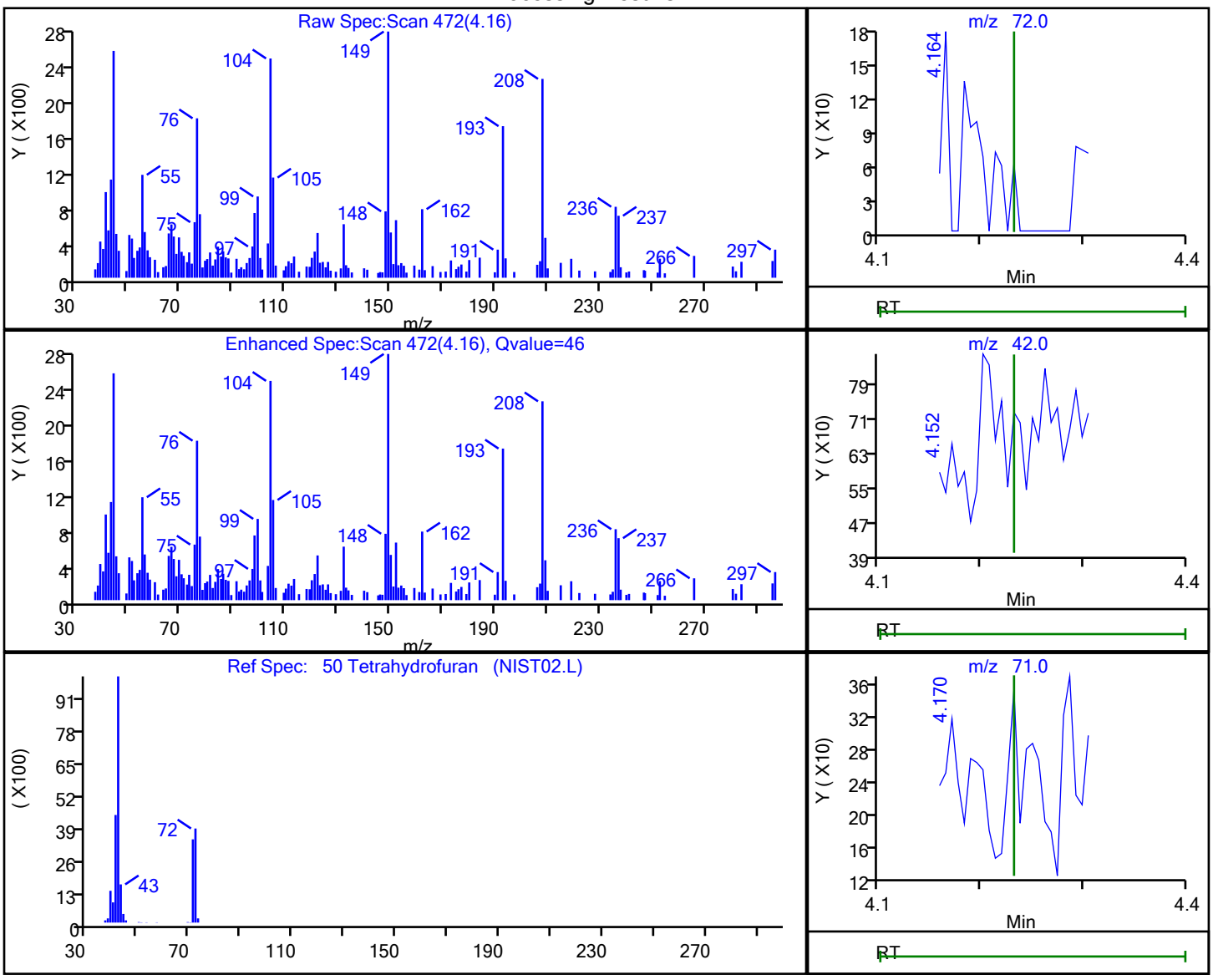
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
4.16	72.00	83	0.361735
4.15	42.00	560	
4.17	71.00	338	

Reviewer: FK2C, 09-May-2024 09:06:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

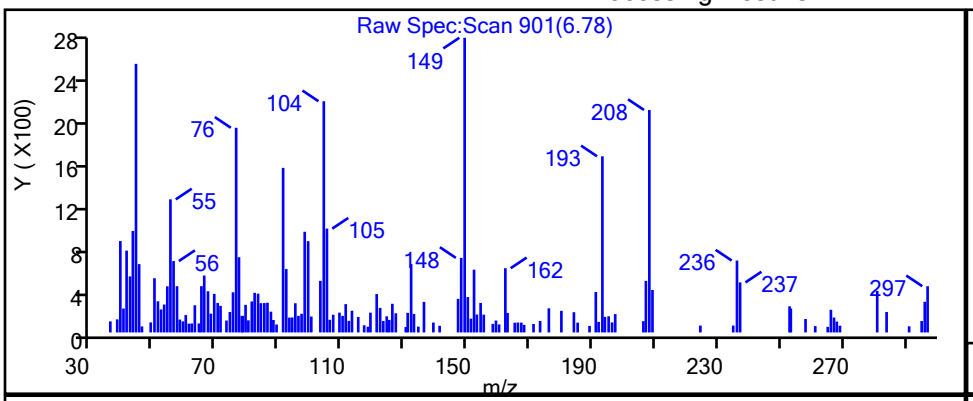
User Disabled Compound Report

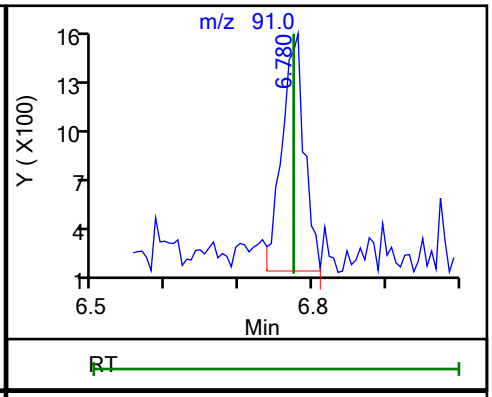
Eurofins Edison

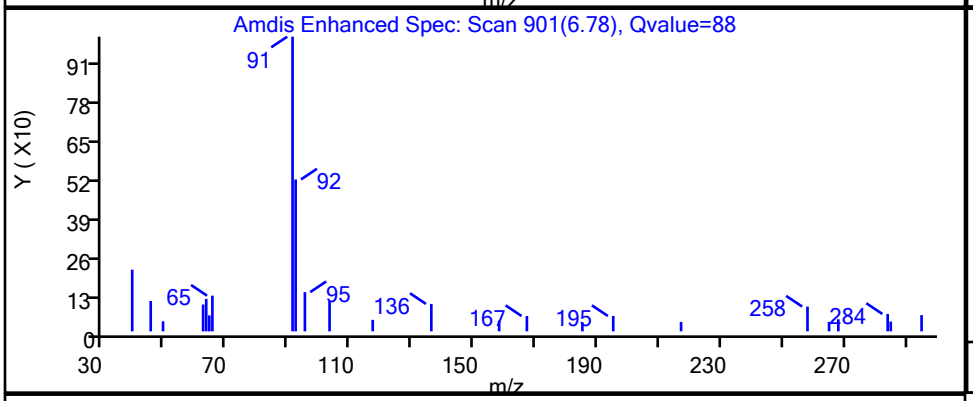
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

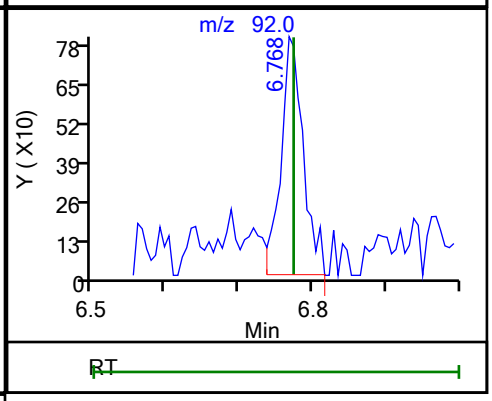
84 Toluene, CAS: 108-88-3

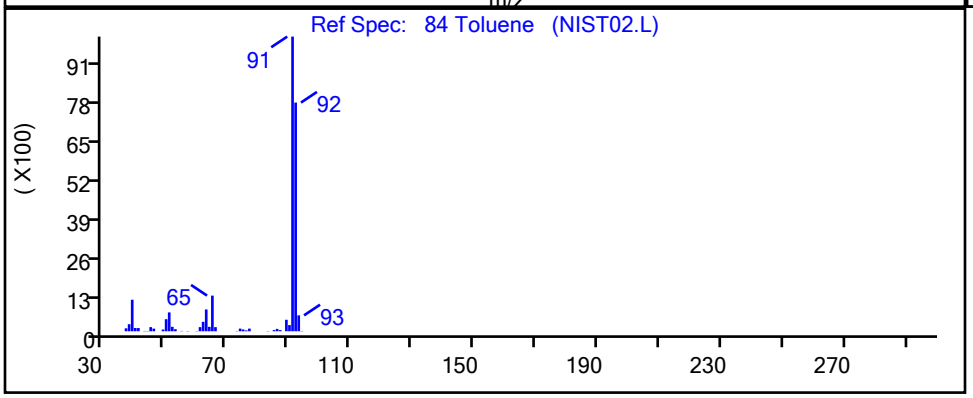
Processing Results











RT	Mass	Response	Amount
6.78	91.00	2944	0.223690
6.77	92.00	1721	

Reviewer: FK2C, 09-May-2024 09:07:18 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

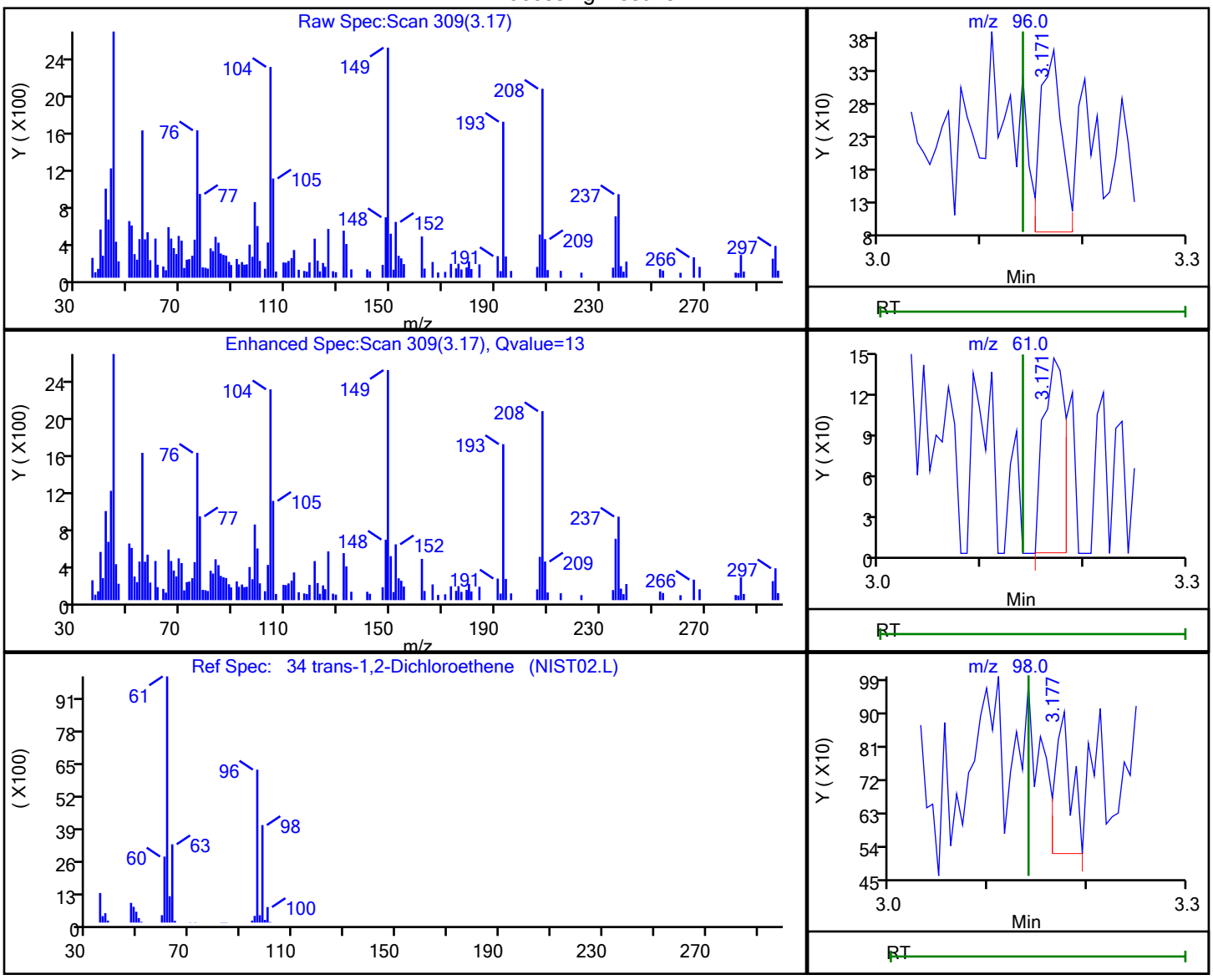
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D				
Injection Date:	09-May-2024 08:29:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
3.17	96.00	395	0.101842
3.17	61.00	210	
3.18	98.00	432	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

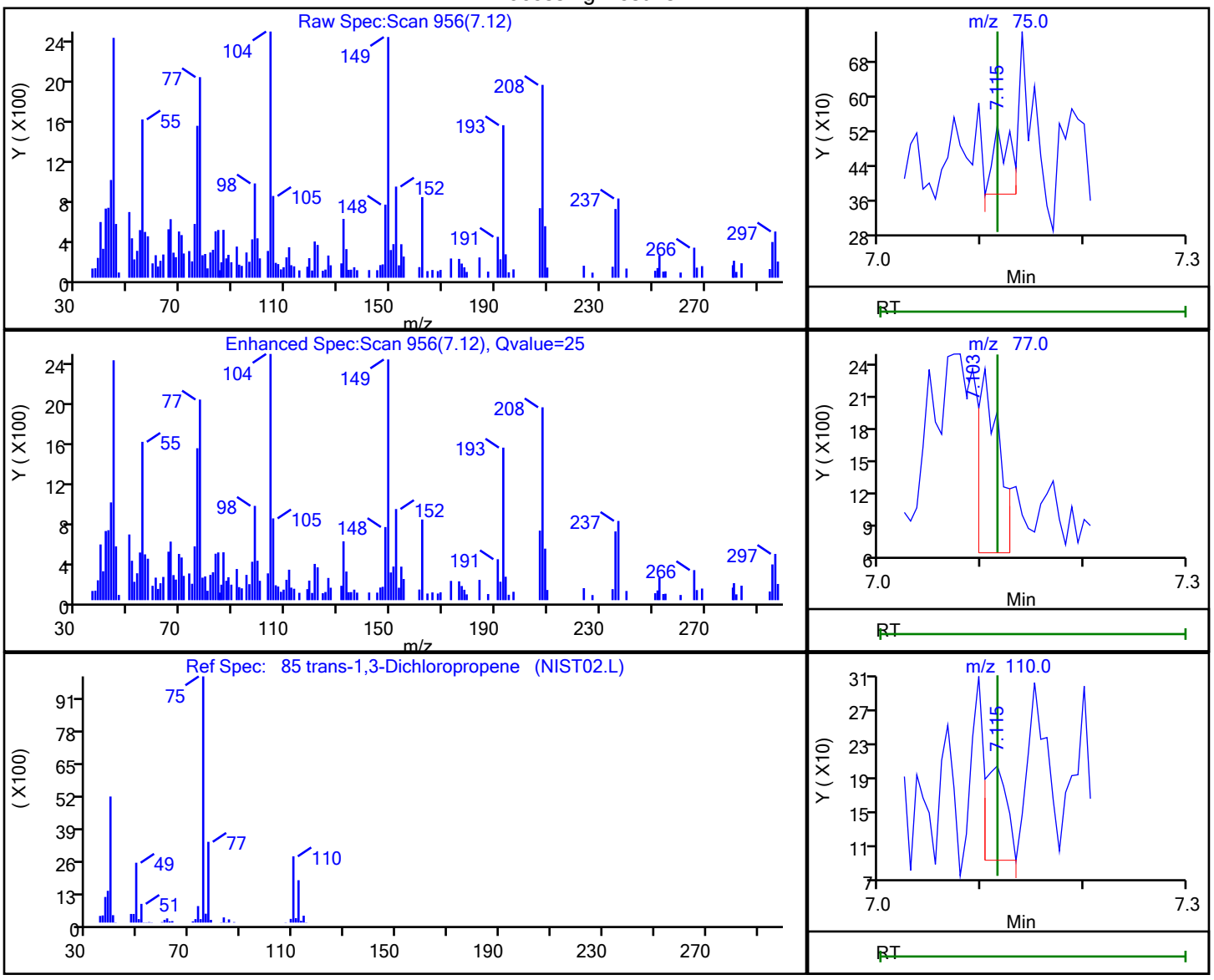
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
7.12	75.00	188	0.055911
7.10	77.00	2438	
7.12	110.00	159	

Reviewer: FK2C, 09-May-2024 09:07:19 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

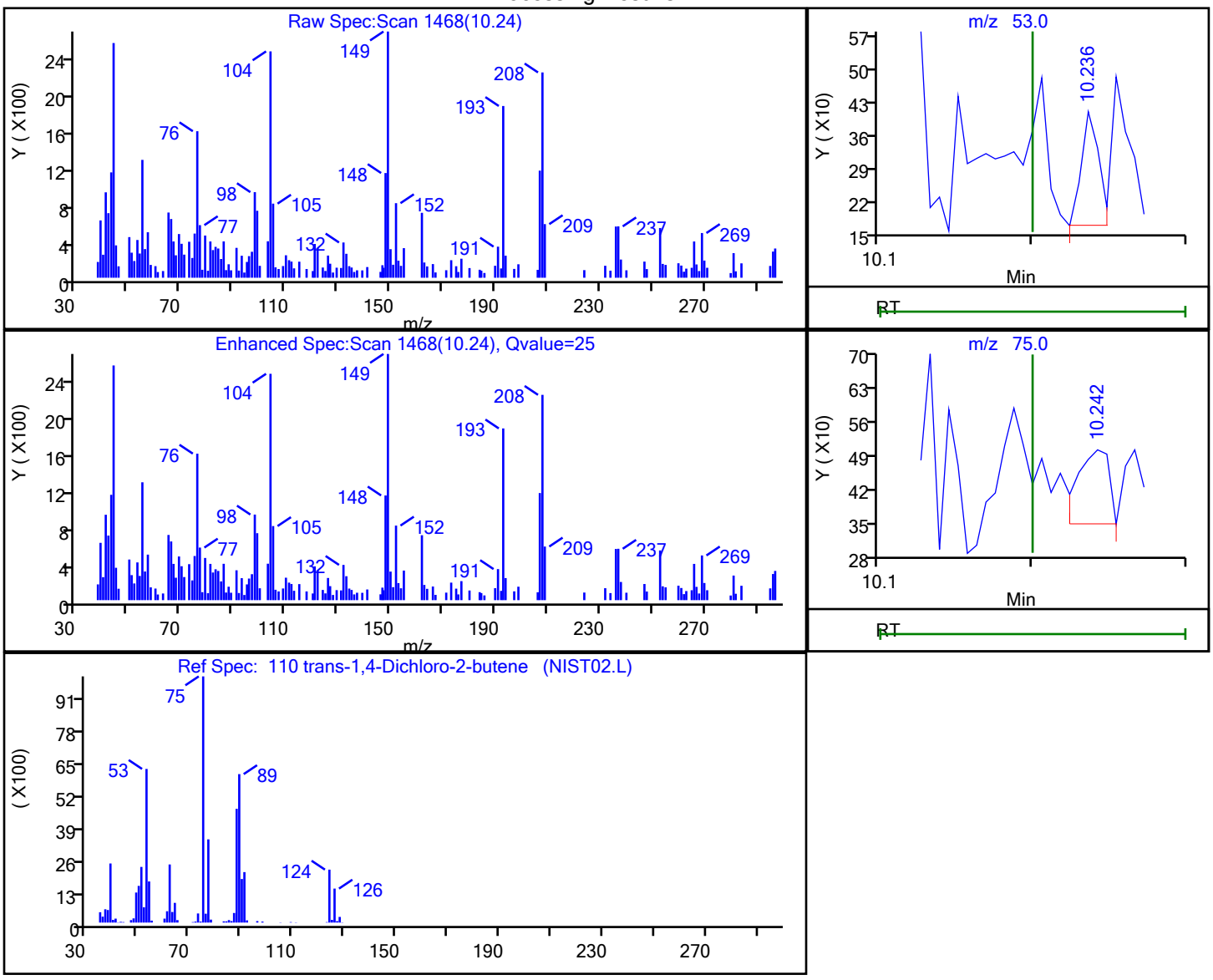
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
10.24	53.00	194	0.395375
10.24	75.00	222	

Reviewer: FK2C, 09-May-2024 09:07:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

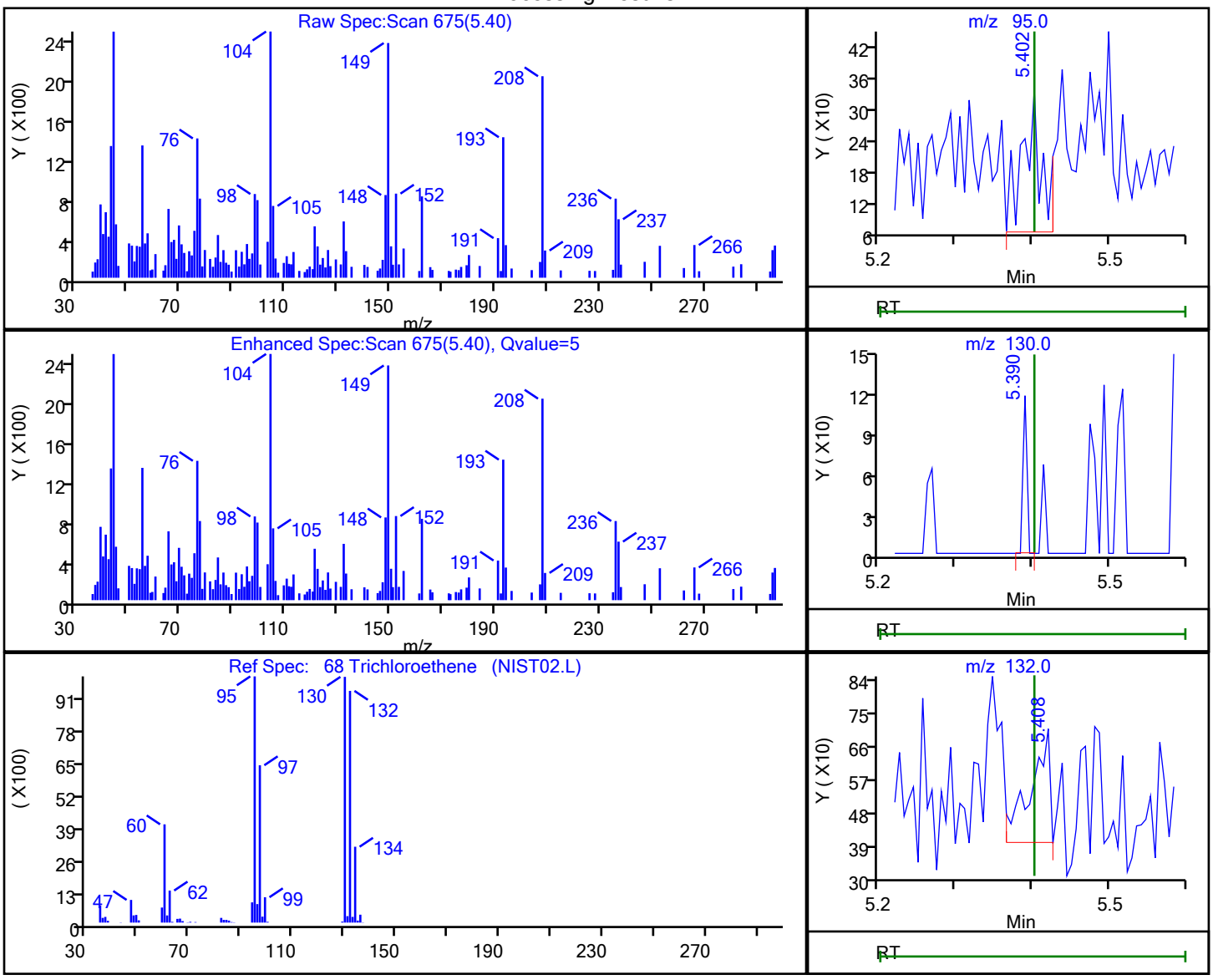
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
5.40	95.00	456	0.127440
5.39	130.00	43	
5.41	132.00	555	

Reviewer: FK2C, 09-May-2024 09:07:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

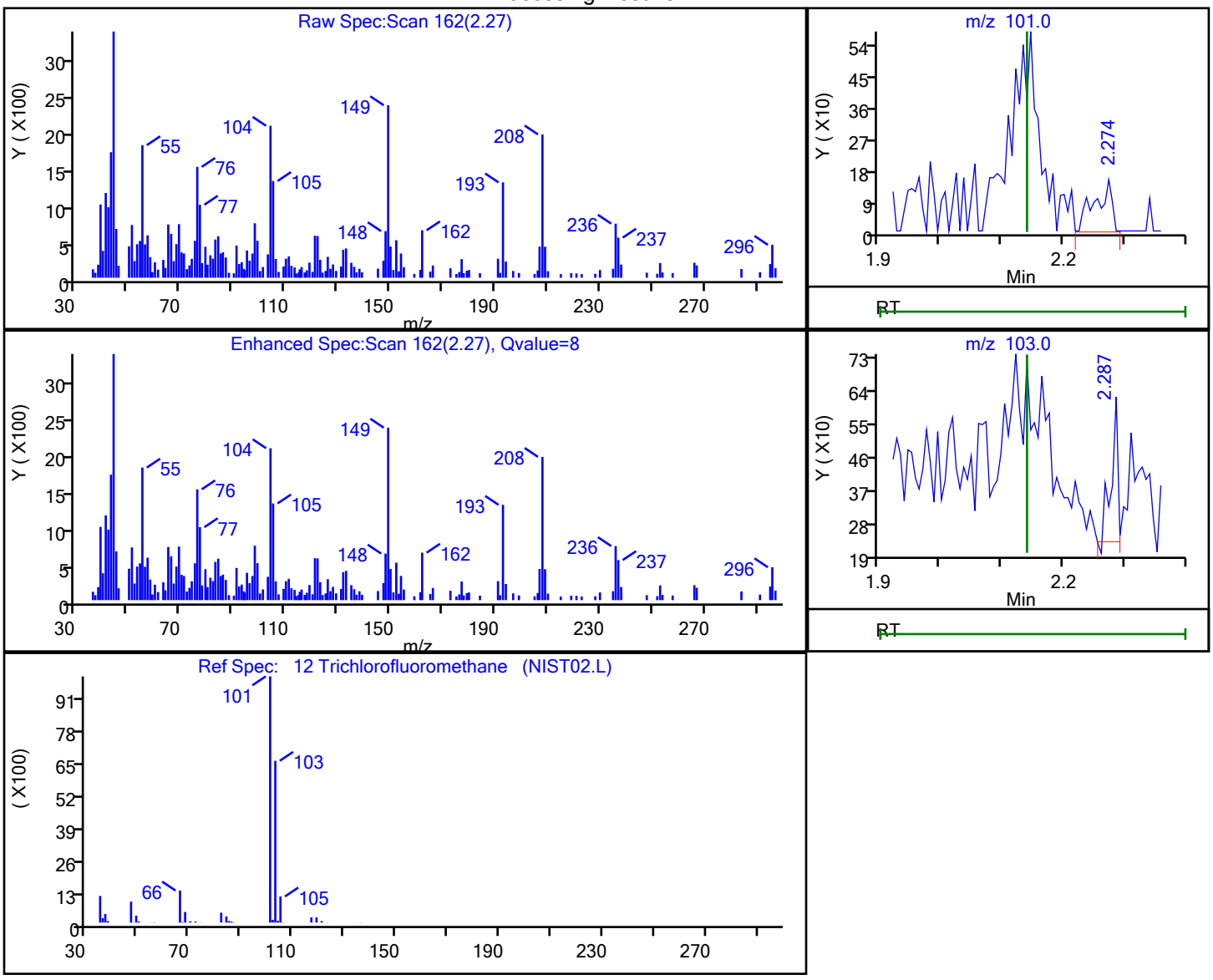
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.27	101.00	278	0.052458
2.29	103.00	291	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

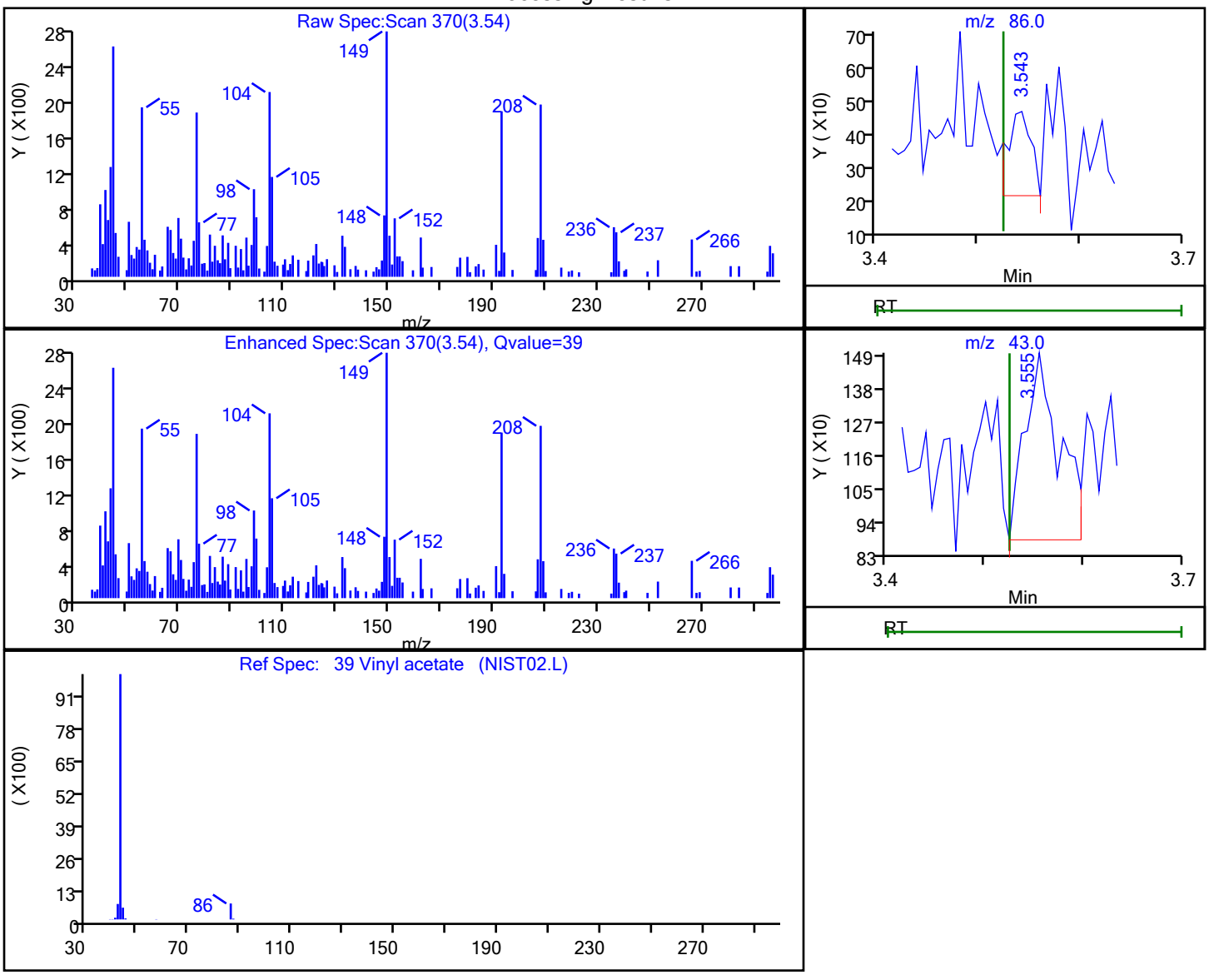
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

39 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
3.54	86.00	417	0.880342
3.55	43.00	1550	

Reviewer: FK2C, 09-May-2024 09:06:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

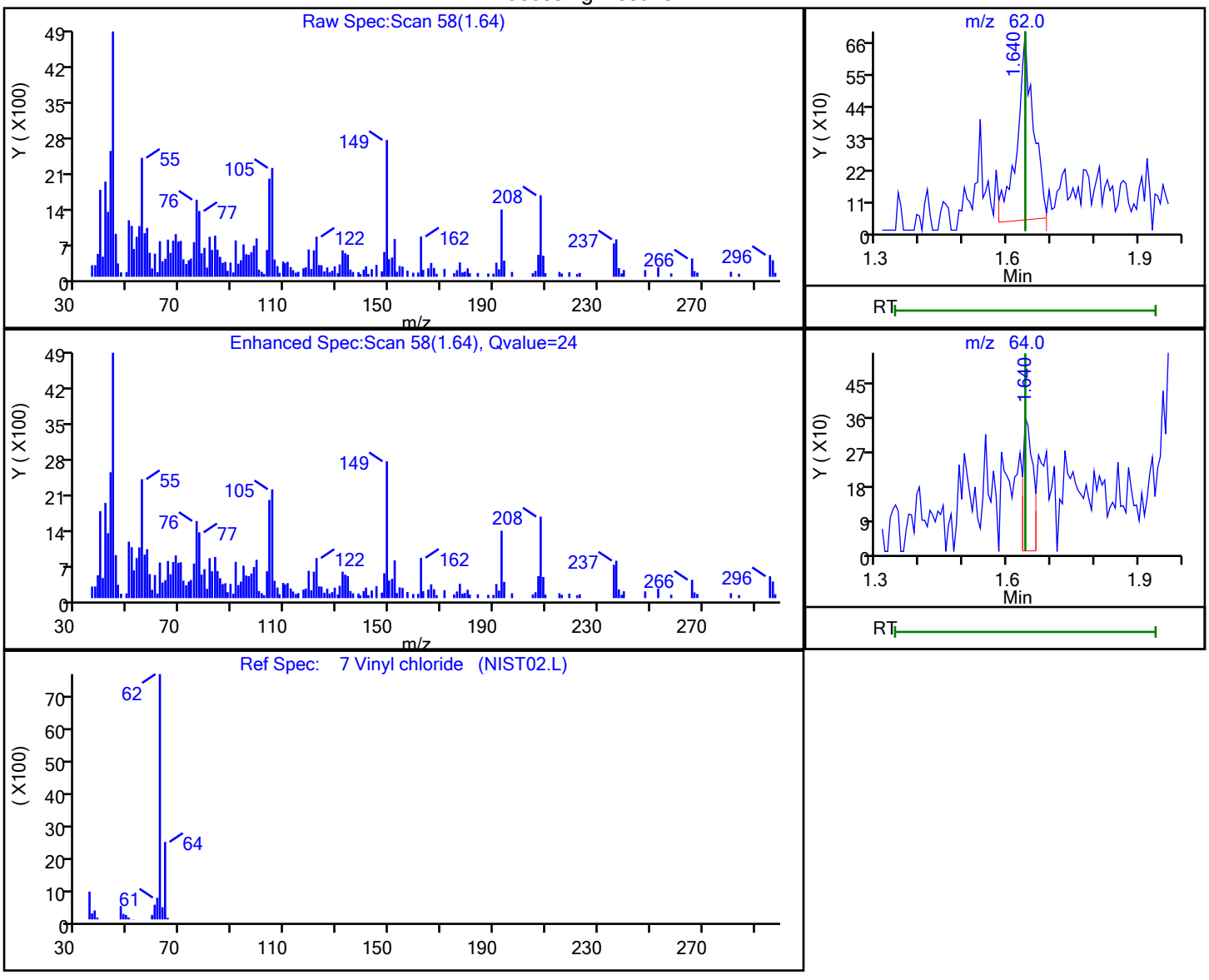
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80099.D
Injection Date: 09-May-2024 08:29:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.64	62.00	1706	0.449029
1.64	64.00	553	

Reviewer: FK2C, 09-May-2024 09:06:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 09-May-2024 08:49:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0175641-004
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:56:26 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 09:25:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	65	1.360	1.366	-0.006	48	1183	0.5000	0.5922	Ma
4 Dichlorodifluoromethane	85	1.409	1.391	0.018	38	1846	0.5000	0.4302	
6 Chloromethane	50	1.549	1.549	0.000	39	1811	0.5000	0.4365	M
7 Vinyl chloride	62	1.646	1.641	0.005	45	2079	0.5000	0.5413	
8 Butadiene	54	1.646	1.641	0.005	46	1862	0.5000	0.5179	
9 Bromomethane	94	1.902	1.897	0.005	31	1443	0.5000	0.5918	
10 Chloroethane	64	1.969	1.964	0.005	36	772	0.5000	0.3600	
11 Dichlorofluoromethane	67	2.128	2.134	-0.006	56	4311	0.5000	0.6161	
12 Trichlorofluoromethane	101	2.146	2.140	0.006	45	3241	0.5000	0.6969	
13 Pentane	72	2.146	2.159	-0.013	94	979	1.00	1.54	M
15 Ethyl ether	74	2.341	2.336	0.005	38	1509	0.5000	0.8506	
16 2-Methyl-1,3-butadiene	53	2.360	2.360	0.000	69	1608	0.5000	0.4970	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.396	2.390	0.006	42	1580	0.5000	0.4823	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.457	-0.006	47	3445	0.5000	0.6772	
19 Acrolein	56	2.512	2.500	0.012	61	914	2.00	2.39	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.518	2.525	-0.007	41	2132	0.5000	0.6450	
21 1,1-Dichloroethene	96	2.536	2.537	-0.001	96	2309	0.5000	0.6961	
22 Acetone	43	2.634	2.616	0.018	53	1694	2.50	3.16	M
23 Iodomethane	142	2.683	2.683	0.000	96	3444	0.5000	0.5622	
24 Carbon disulfide	76	2.713	2.714	-0.001	98	8208	0.5000	0.6453	
26 3-Chloro-1-propene	76	2.841	2.835	0.006	75	1680	0.5000	0.7445	M
27 Methyl acetate	43	2.841	2.848	-0.007	61	2583	1.00	1.90	
28 Cyclopentene	67	2.847	2.860	-0.013	88	4188	0.5000	0.5546	M
29 Acetonitrile	41	2.902	2.902	0.000	58	991	5.00	4.55	Ma
* 31 TBA-d9 (IS)	66	2.951	2.951	0.000	0	26640	1000.0	1000.0	
30 Methylene Chloride	84	2.963	2.957	0.006	32	2271	0.5000	0.6120	
32 2-Methyl-2-propanol	59	3.030	3.012	0.018	35	740	5.00	4.37	
33 Methyl tert-butyl ether	73	3.134	3.110	0.024	33	4410	0.5000	0.5623	Ma
34 trans-1,2-Dichloroethene	96	3.146	3.140	0.006	90	2487	0.5000	0.6695	
35 Acrylonitrile	53	3.207	3.201	0.006	83	3826	5.00	5.33	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Hexane	57	3.286	3.293	-0.007	73	3471	0.5000	0.7433	M
37 Isopropyl ether	45	3.500	3.488	0.012	71	7103	0.5000	0.6347	
38 1,1-Dichloroethane	63	3.524	3.518	0.006	94	4424	0.5000	0.7097	
39 Vinyl acetate	86	3.530	3.524	0.006	89	316	1.00	0.7133	M
40 2-Chloro-1,3-butadiene	88	3.567	3.567	0.000	88	1676	0.5000	0.5369	
41 Tert-butyl ethyl ether	59	3.792	3.793	-0.001	88	5631	0.5000	0.5789	
* 42 2-Butanone-d5	46	3.981	3.982	-0.001	0	158958	250.0	250.0	
43 2,2-Dichloropropane	97	4.012	4.006	0.006	57	649	0.5000	0.4934	a
44 cis-1,2-Dichloroethene	96	4.024	4.024	0.000	91	2352	0.5000	0.6064	
45 2-Butanone (MEK)	72	4.048	4.030	0.018	21	1060	2.50	5.29	M
46 Ethyl acetate	70	4.042	4.036	0.006	81	305	1.00	1.38	M
47 Methyl acrylate	55	4.085	4.085	0.000	65	825	0.5000	0.4967	a
48 Propionitrile	54	4.170	4.164	0.006	52	1258	5.00	5.35	a
50 Tetrahydrofuran	72	4.219	4.232	-0.013	45	281	1.00	1.26	Ma
49 Chlorobromomethane	128	4.250	4.238	0.012	35	1197	0.5000	0.7332	a
51 Methacrylonitrile	67	4.262	4.262	0.000	90	4988	5.00	6.49	
52 Chloroform	83	4.292	4.292	0.000	96	3434	0.5000	0.6046	
53 Cyclohexane	84	4.426	4.427	-0.001	31	3769	0.5000	0.7383	a
54 1,1,1-Trichloroethane	97	4.432	4.433	-0.001	36	2937	0.5000	0.6028	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	142763	50.0	49.6	
56 Carbon tetrachloride	117	4.554	4.555	-0.001	25	2453	0.5000	0.5692	M
57 1,1-Dichloropropene	75	4.579	4.579	0.000	93	3523	0.5000	0.7681	
58 Isobutyl alcohol	43	4.688	4.695	-0.007	54	574	12.5	7.72	
59 Isooctane	57	4.743	4.744	-0.001	96	8030	0.5000	0.6854	
60 Benzene	78	4.768	4.774	-0.006	40	7806	0.5000	0.5950	a
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	129581	50.0	46.9	
63 Isopropyl acetate	61	4.829	4.835	-0.006	73	1063	0.5000	0.8393	
62 Tert-amyl methyl ether	73	4.829	4.835	-0.006	93	4634	0.5000	0.5591	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	94	2132	0.5000	0.6381	
65 n-Heptane	100	4.932	4.926	0.006	81	498	0.5000	-0.009020	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	591013	50.0	50.0	
67 n-Butanol	56	5.359	5.347	0.012	48	967	12.5	23.9	Ma
68 Trichloroethene	95	5.408	5.402	0.006	90	2348	0.5000	0.6875	
69 Methylcyclohexane	83	5.530	5.524	0.006	93	4584	0.5000	0.7781	
70 Ethyl acrylate	99	5.542	5.530	0.012	75	493	0.5000	1.54	
71 1,2-Dichloropropane	63	5.682	5.682	0.000	58	2372	0.5000	0.6926	a
* 72 1,4-Dioxane-d8	96	5.731	5.731	0.000	0	18061	1000.0	1000.0	
73 Methyl methacrylate	100	5.780	5.762	0.018	33	886	1.00	1.60	Ma
74 Dibromomethane	93	5.810	5.810	0.000	37	1036	0.5000	0.6869	M
76 n-Propyl acetate	43	5.816	5.817	-0.001	66	2376	0.5000	0.9108	
77 Dichlorobromomethane	83	5.957	5.957	0.000	94	2639	0.5000	0.6620	
79 2-Chloroethyl vinyl ether	63	6.298	6.292	0.006	53	1236	0.5012	0.8407	M
80 Epichlorohydrin	57	6.389	6.396	-0.007	50	2552	10.0	17.1	M
81 cis-1,3-Dichloropropene	75	6.456	6.451	0.005	86	3355	0.5000	0.6842	
82 4-Methyl-2-pentanone (MIBK)	58	6.621	6.621	0.000	87	1860	2.50	2.74	
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	100	550935	50.0	50.2	
84 Toluene	91	6.773	6.774	-0.001	93	10124	0.5000	0.7418	
85 trans-1,3-Dichloropropene	75	7.109	7.115	-0.006	57	2408	0.5000	0.6411	M
86 Ethyl methacrylate	69	7.158	7.158	0.000	55	1924	0.5000	0.6145	
87 1,1,2-Trichloroethane	83	7.334	7.328	0.006	42	856	0.5000	0.4816	
88 Tetrachloroethene	166	7.365	7.377	-0.012	90	2071	0.5000	0.6245	
89 1,3-Dichloropropane	76	7.535	7.542	-0.007	72	2307	0.5000	0.6531	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	7.609	7.603	0.006	72	2655	2.50	2.58	M
91 n-Butyl acetate	43	7.731	7.725	0.006	61	1687	0.5000	0.5642	
92 Chlorodibromomethane	129	7.761	7.761	0.000	37	1777	0.5000	0.6995	
93 Ethylene Dibromide	107	7.913	7.914	-0.001	23	1169	0.5000	0.5825	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	86	411294	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	91	4056	0.5000	0.4991	
96 Ethylbenzene	106	8.608	8.603	0.005	96	3506	0.5000	0.7621	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	44	2013	0.5000	0.6269	
98 m-Xylene & p-Xylene	106	8.767	8.767	0.000	0	3410	0.5000	0.6022	
100 n-Butyl acrylate	73	9.267	9.273	-0.006	61	782	0.5000	0.4152	M
99 o-Xylene	106	9.273	9.279	-0.006	93	3532	0.5000	0.6045	
101 Styrene	104	9.316	9.310	0.006	95	6302	0.5000	0.6833	M
103 Amyl acetate (mixed isomers)	43	9.547	9.548	-0.001	77	2899	0.5000	0.7114	
102 Bromoform	173	9.553	9.548	0.005	45	1150	0.5000	0.7466	M
104 Isopropylbenzene	105	9.700	9.700	0.000	94	8721	0.5000	0.6494	
$ 105 4-Bromofluorobenzene	174	9.925	9.919	0.006	97	167122	50.0	49.3	
106 Bromobenzene	156	10.072	10.066	0.006	90	2153	0.5000	0.6122	
107 1,1,2,2-Tetrachloroethane	83	10.120	10.127	-0.007	47	1420	0.5000	0.5887	
108 N-Propylbenzene	91	10.157	10.157	0.000	99	9844	0.5000	0.5629	
109 1,2,3-Trichloropropane	110	10.181	10.175	0.006	65	278	0.5000	0.4179	
110 trans-1,4-Dichloro-2-butene	53	10.193	10.200	-0.007	48	385	0.5000	0.7025	
111 2-Chlorotoluene	91	10.261	10.261	0.000	95	6961	0.5000	0.5757	
112 4-Ethyltoluene	105	10.279	10.279	0.000	98	8292	0.5000	0.5718	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	91	7729	0.5000	0.6279	
114 4-Chlorotoluene	91	10.382	10.383	-0.001	96	6343	0.5000	0.5865	
115 Butyl Methacrylate	87	10.468	10.468	0.000	86	2364	0.5000	0.5540	
116 tert-Butylbenzene	119	10.657	10.657	0.000	92	5863	0.5000	0.5828	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	95	7522	0.5000	0.5884	
118 sec-Butylbenzene	105	10.870	10.870	0.000	98	9670	0.5000	0.6092	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	74	3873	0.5000	0.5666	
120 4-Isopropyltoluene	119	11.010	11.011	-0.001	97	7759	0.5000	0.5713	
* 121 1,4-Dichlorobenzene-d4	152	11.071	11.072	-0.001	95	215069	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	84	4335	0.5000	0.6544	a
123 1,2,3-Trimethylbenzene	105	11.120	11.114	0.006	97	7541	0.5000	0.5684	
124 Benzyl chloride	91	11.230	11.230	0.000	94	2991	0.5000	0.5834	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	94	7283	0.5000	0.6107	
126 p-Diethylbenzene	119	11.358	11.358	0.000	94	5037	0.5000	0.5875	
127 n-Butylbenzene	92	11.376	11.376	0.000	96	4794	0.5000	0.6639	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	95	3735	0.5000	0.5921	
129 1,2,4,5-Tetramethylbenzene	119	12.022	12.023	-0.001	97	7439	0.5000	0.5806	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	32	247	0.5000	0.6421	Ma
131 1,3,5-Trichlorobenzene	180	12.217	12.218	-0.001	93	3356	0.5000	0.5706	
132 1,2,4-Trichlorobenzene	180	12.717	12.718	-0.001	93	2736	0.5000	0.5746	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	89	2034	0.5000	0.6717	
134 Naphthalene	128	12.912	12.907	0.005	96	4113	0.5000	0.5934	
135 1,2,3-Trichlorobenzene	180	13.089	13.090	-0.001	85	2433	0.5000	0.6502	
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.28	
S 137 Xylenes, Total	100				0		1.00	1.21	
S 139 1,3-Dichloropropene, Total	1				0		1.00	1.33	
S 140 Total BTEX	1				0		2.50	3.31	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00018	Amount Added:	5.00	Units: uL	
ACROLEIN W_00169	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	5.00	Units: uL	
14DIOXINTER_00168	Amount Added:	15.00	Units: uL	
GASES Li_00582	Amount Added:	5.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:56:27 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D

Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17

Lims ID: STD05

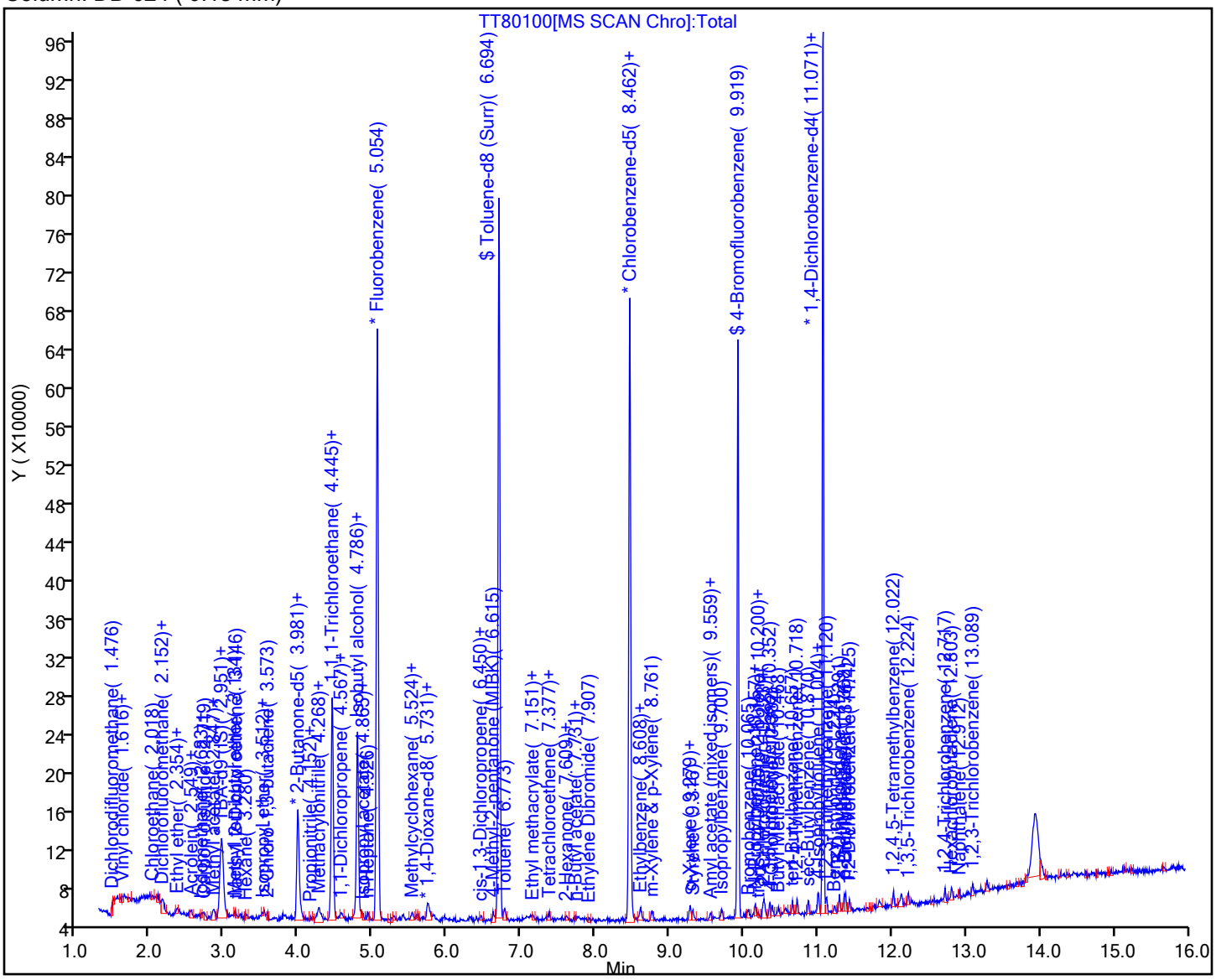
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

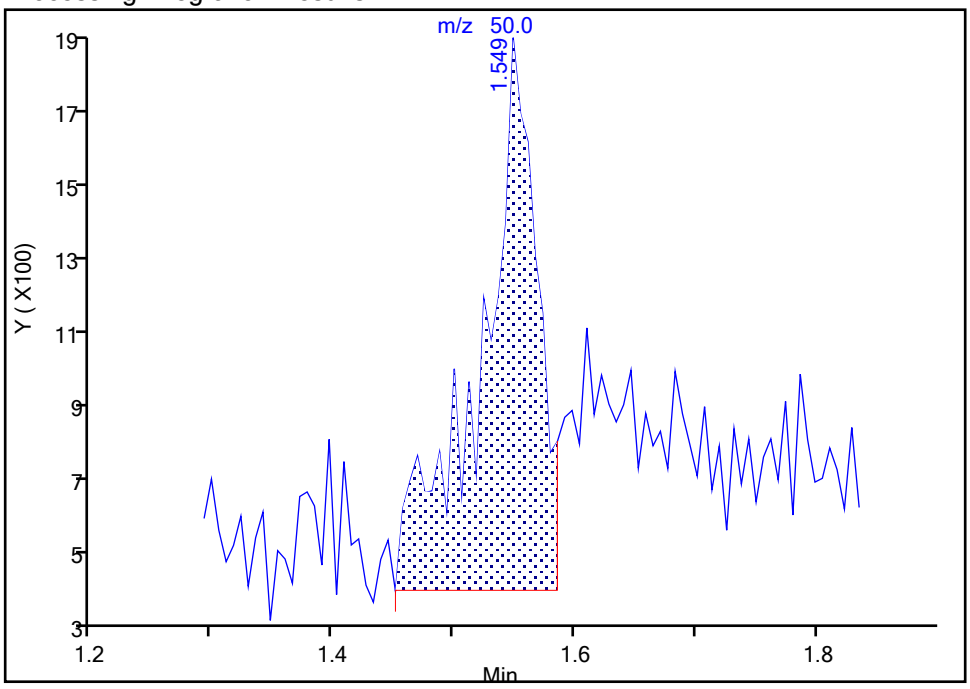
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 1

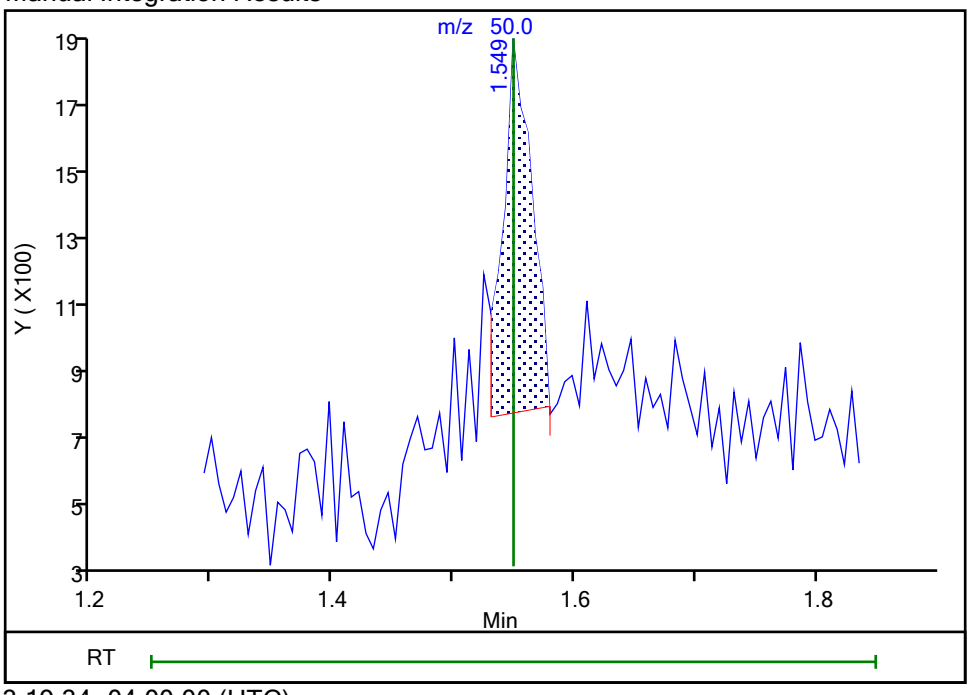
Processing Integration Results

RT: 1.55
Area: 4781
Amount: 0.971344
Amount Units: ug/l



Manual Integration Results

RT: 1.55
Area: 1811
Amount: 0.436520
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:19:34 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

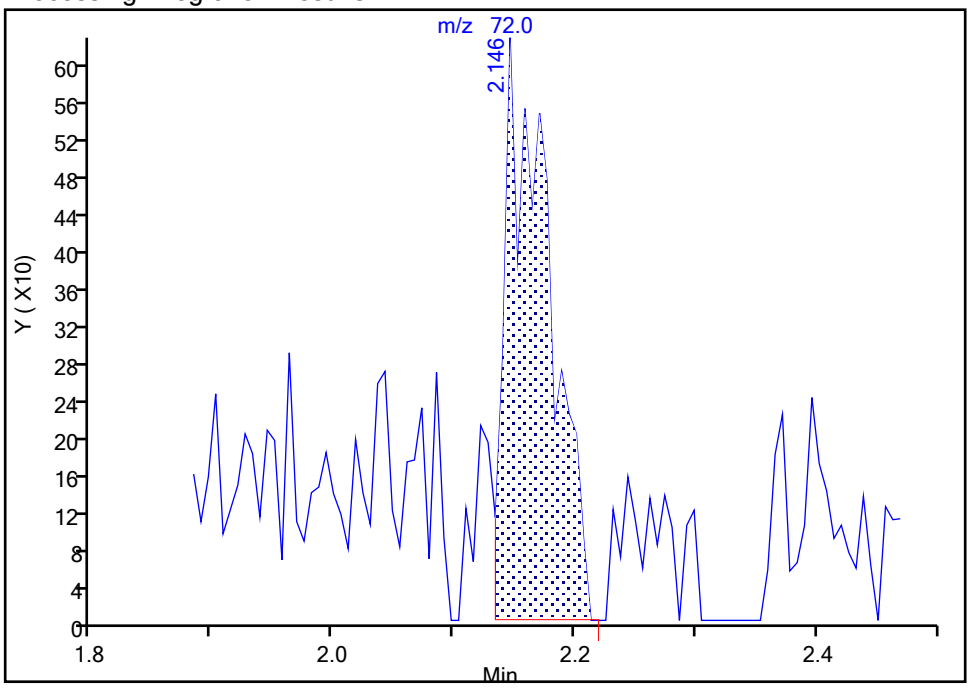
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Signal: 1

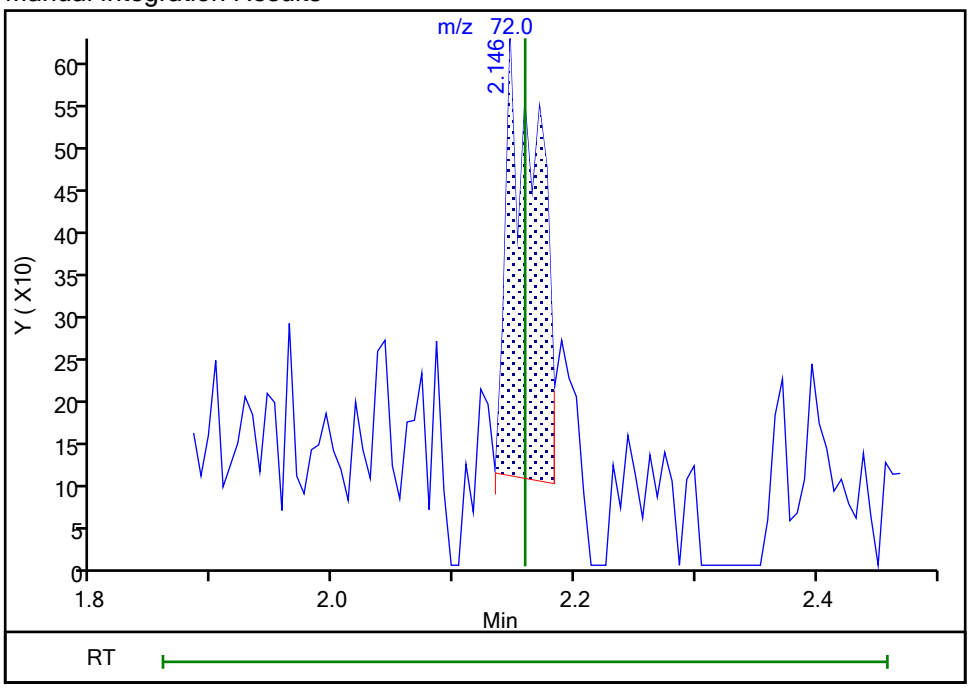
Processing Integration Results

RT: 2.15
Area: 1602
Amount: 2.065811
Amount Units: ug/l



Manual Integration Results

RT: 2.15
Area: 979
Amount: 1.535134
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:35:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

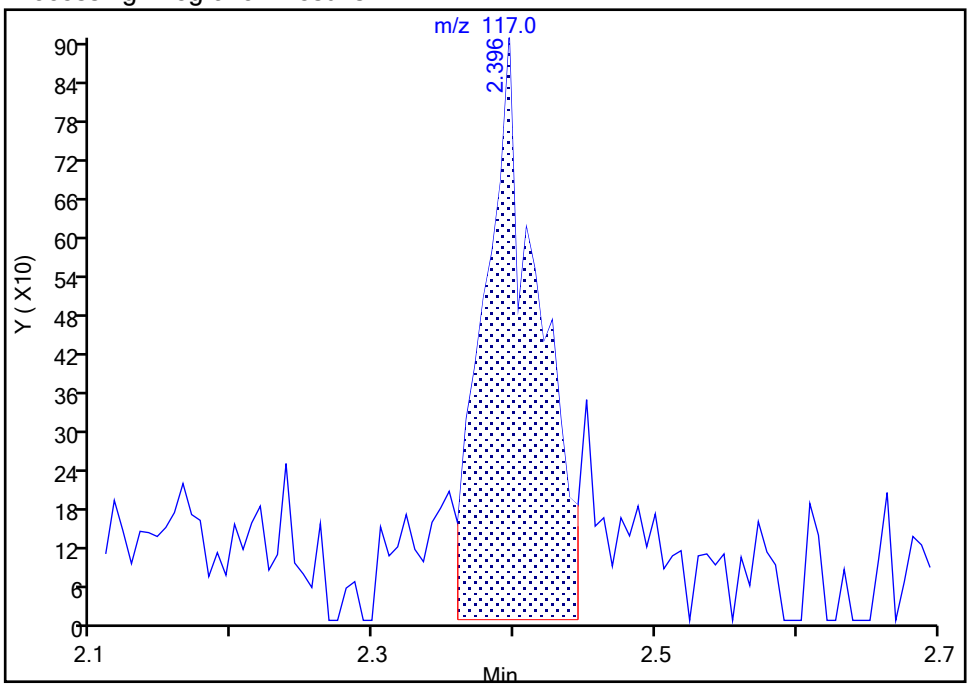
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

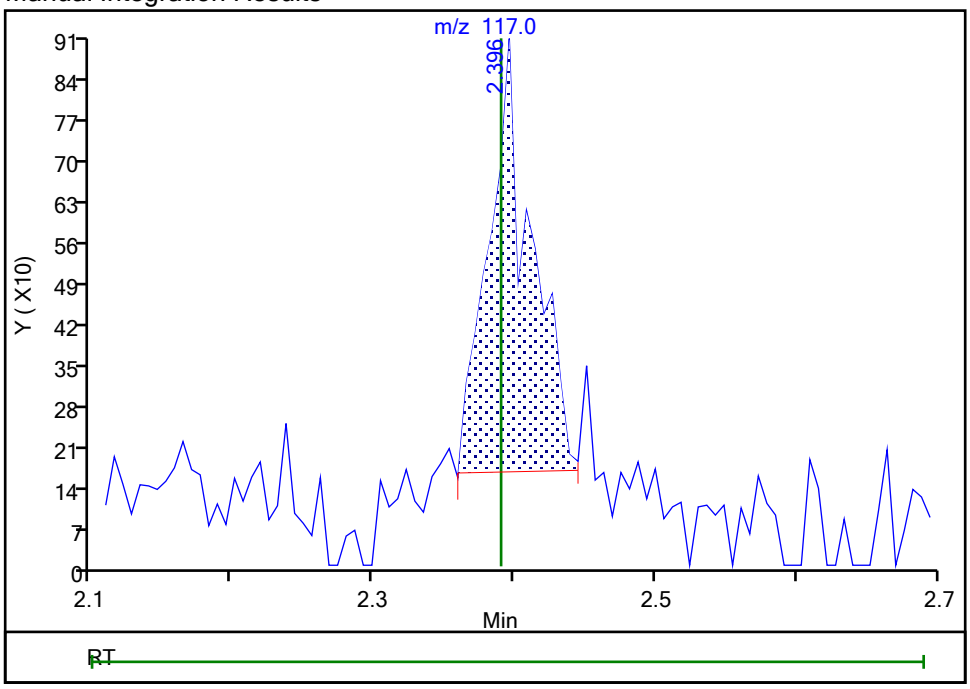
Processing Integration Results

RT: 2.40
Area: 2455
Amount: 0.699590
Amount Units: ug/l



Manual Integration Results

RT: 2.40
Area: 1580
Amount: 0.482335
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:19:52 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

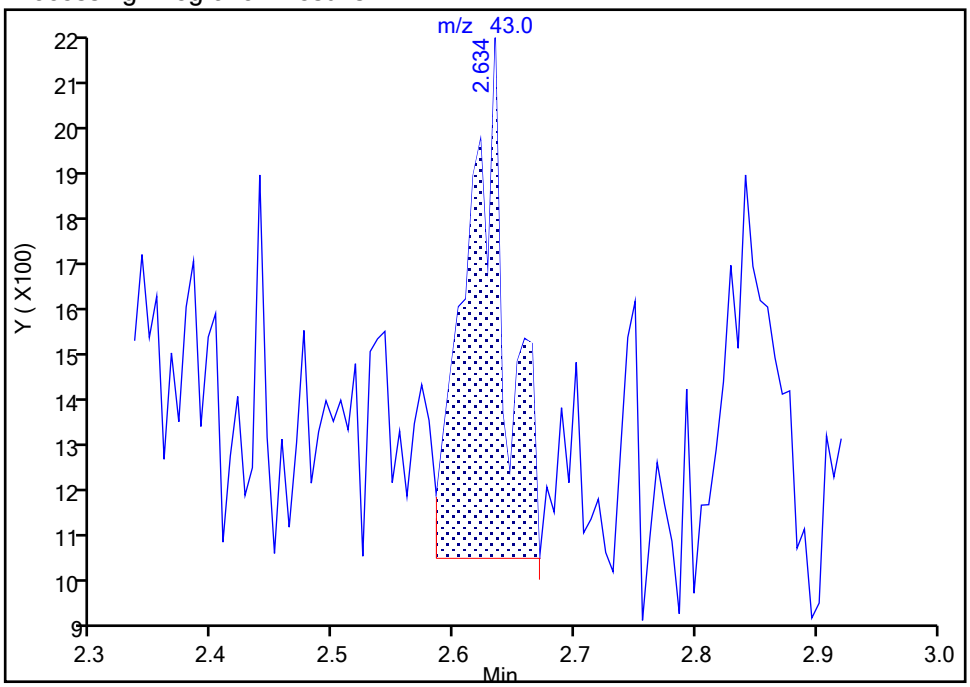
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Signal: 1

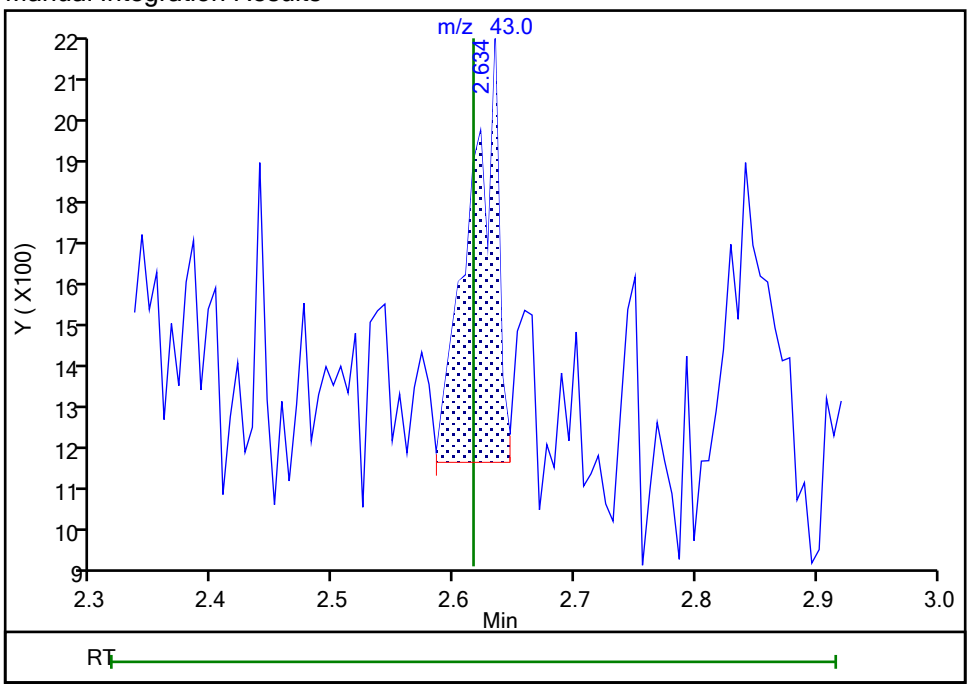
Processing Integration Results

RT: 2.63
Area: 2628
Amount: 4.032706
Amount Units: ug/l



Manual Integration Results

RT: 2.63
Area: 1694
Amount: 3.155961
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:20:03 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

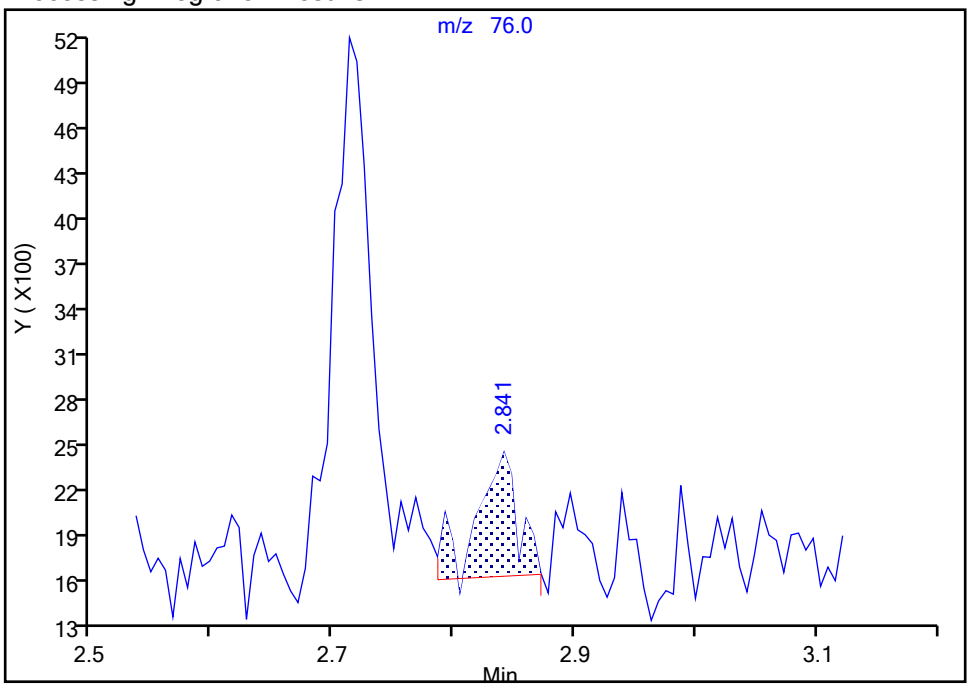
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

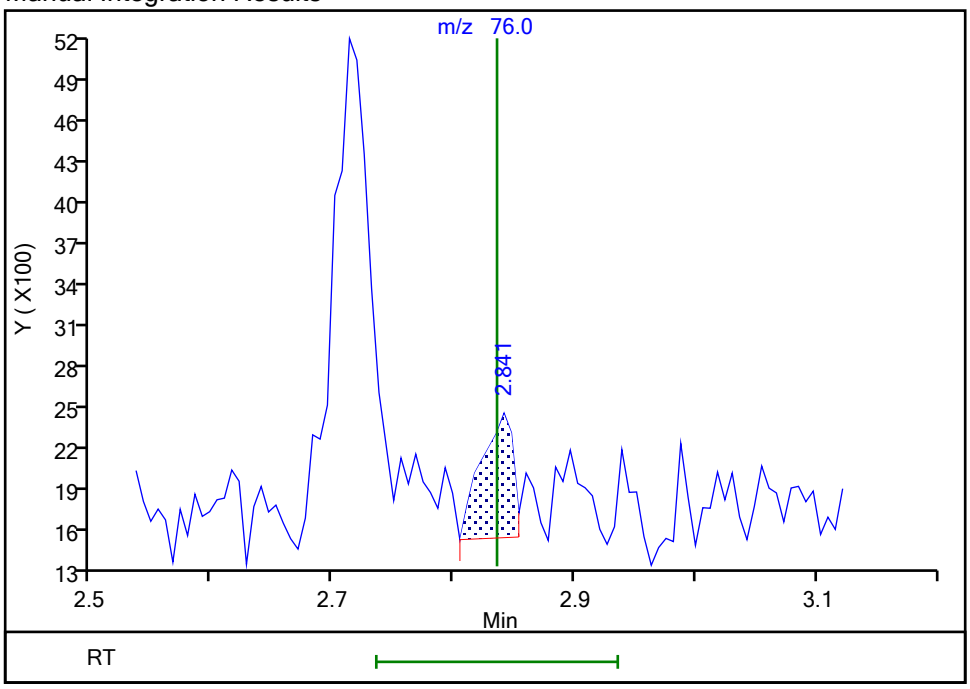
Processing Integration Results

RT: 2.84
Area: 1904
Amount: 0.957547
Amount Units: ug/l



Manual Integration Results

RT: 2.84
Area: 1680
Amount: 0.744512
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:20:25 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

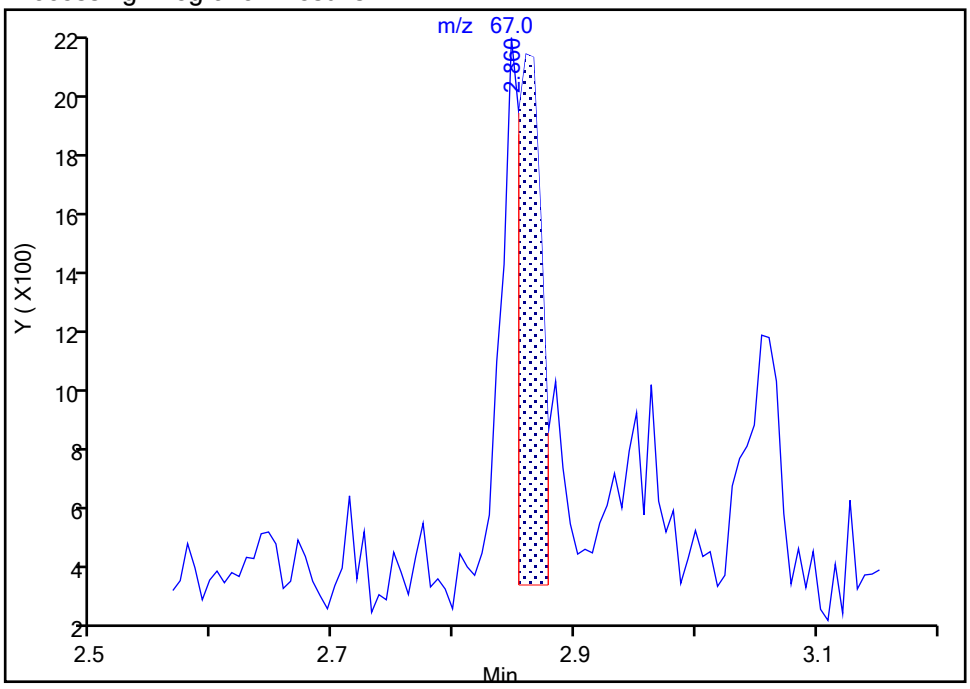
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

28 Cyclopentene, CAS: 142-29-0

Signal: 1

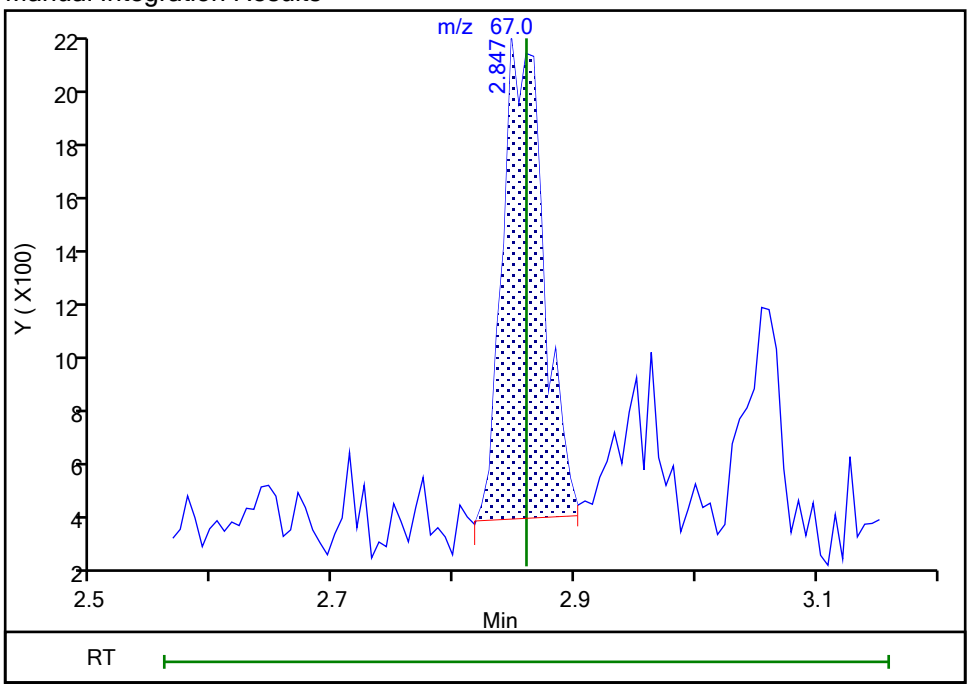
Processing Integration Results

RT: 2.86
Area: 2506
Amount: 0.348605
Amount Units: ug/l



Manual Integration Results

RT: 2.85
Area: 4188
Amount: 0.554597
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:20:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

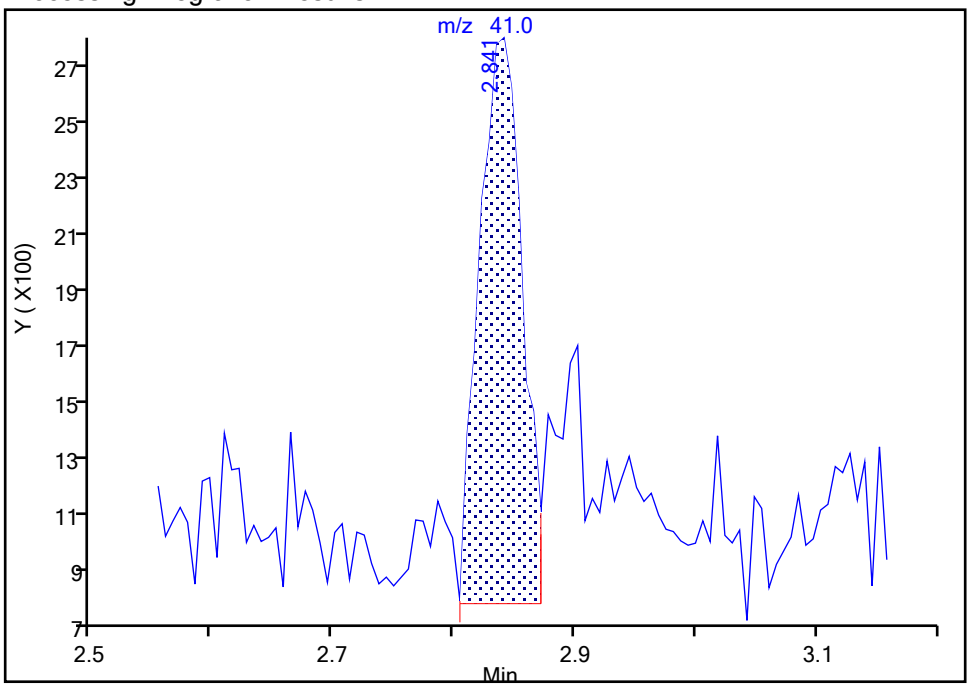
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

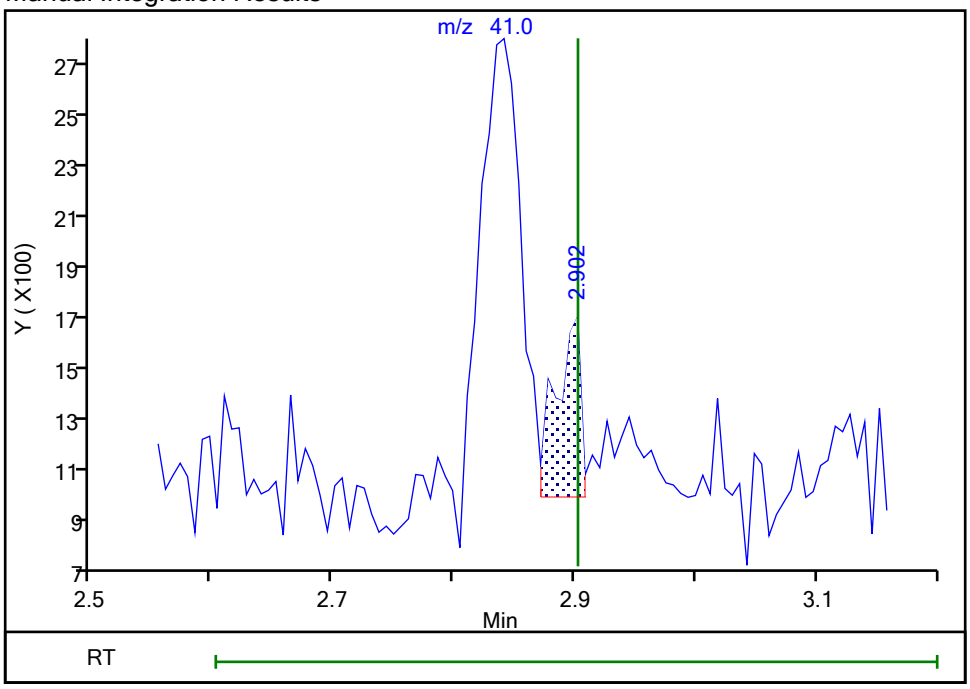
Processing Integration Results

RT: 2.84
Area: 4864
Amount: 14.933883
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 991
Amount: 4.548946
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:20:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

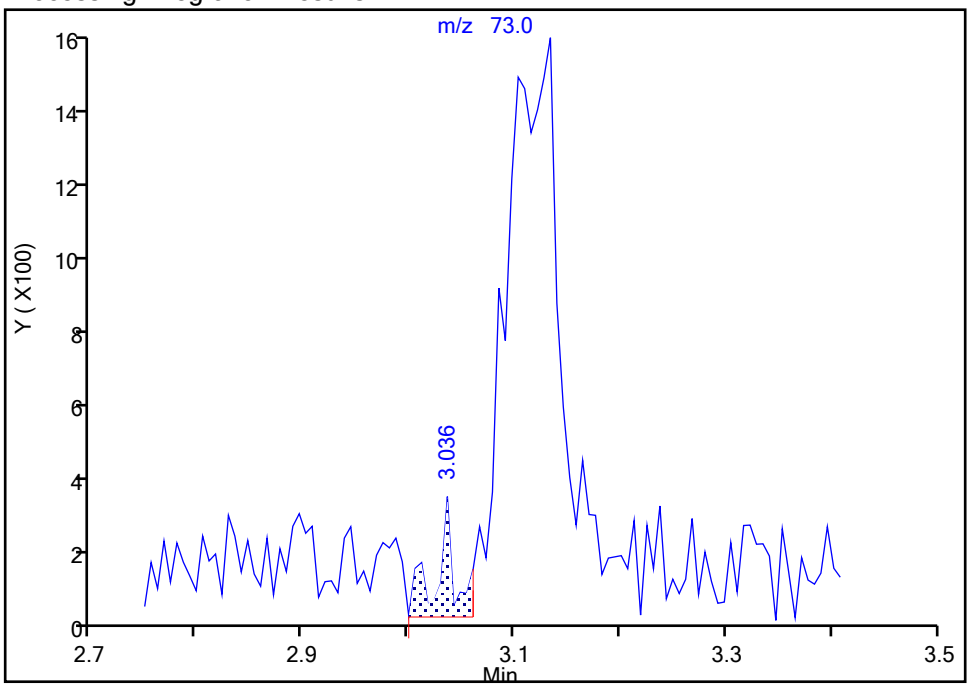
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

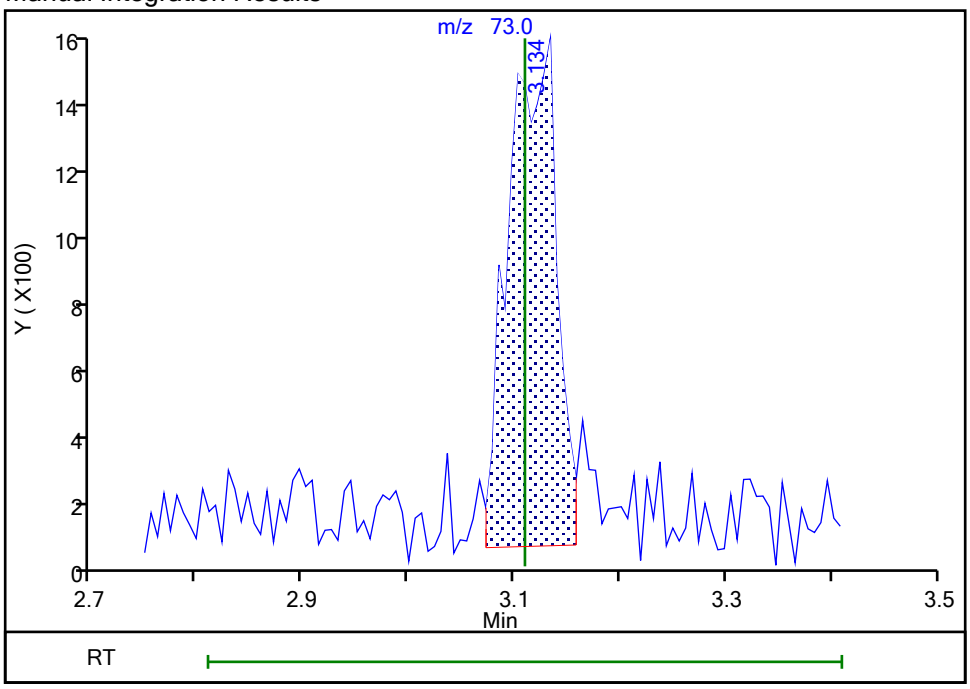
Processing Integration Results

RT: 3.04
Area: 350
Amount: 0.046962
Amount Units: ug/l



Manual Integration Results

RT: 3.13
Area: 4410
Amount: 0.562311
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:21:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

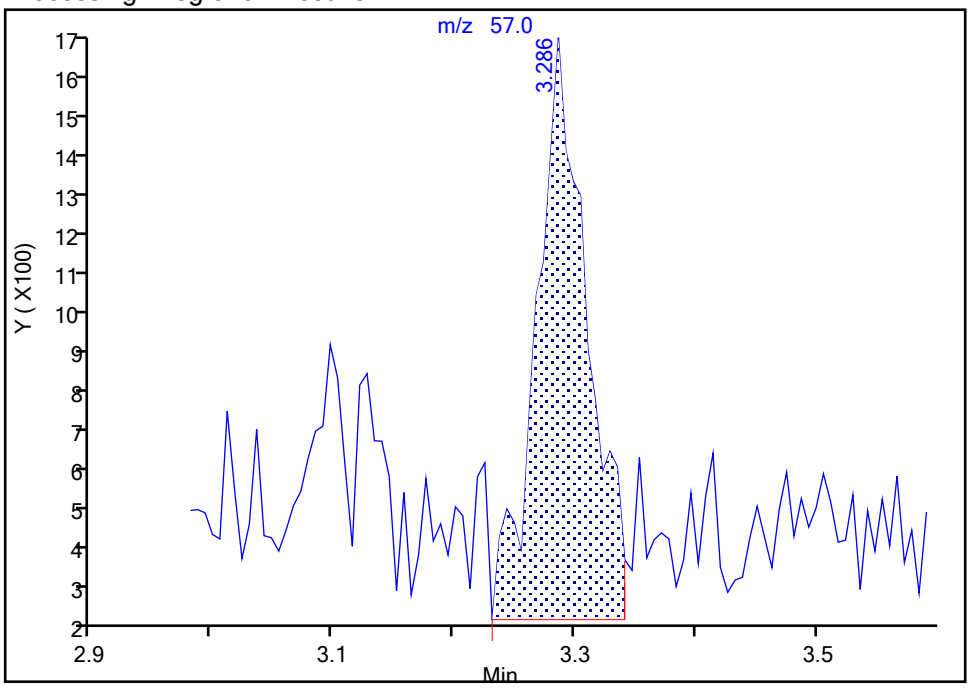
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

36 Hexane, CAS: 110-54-3

Signal: 1

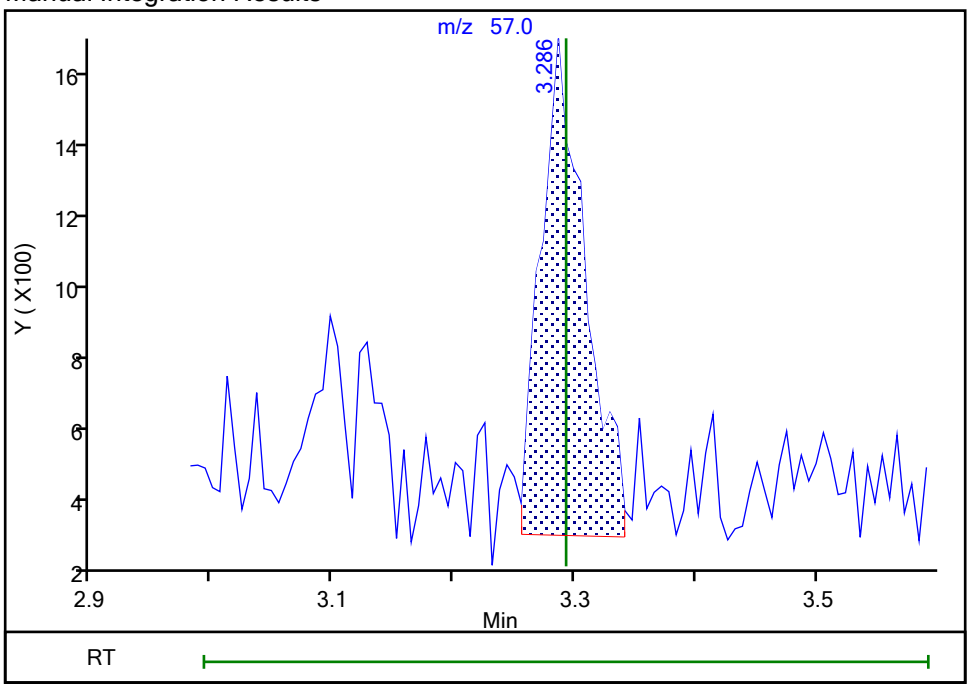
Processing Integration Results

RT: 3.29
Area: 4183
Amount: 1.134020
Amount Units: ug/l



Manual Integration Results

RT: 3.29
Area: 3471
Amount: 0.743277
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:41:45 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

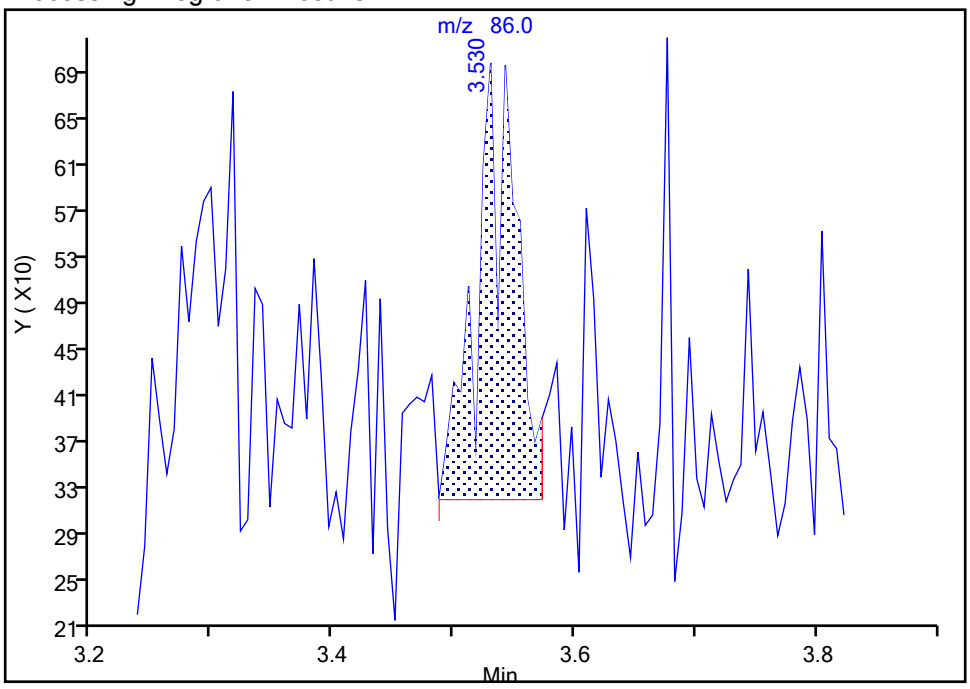
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

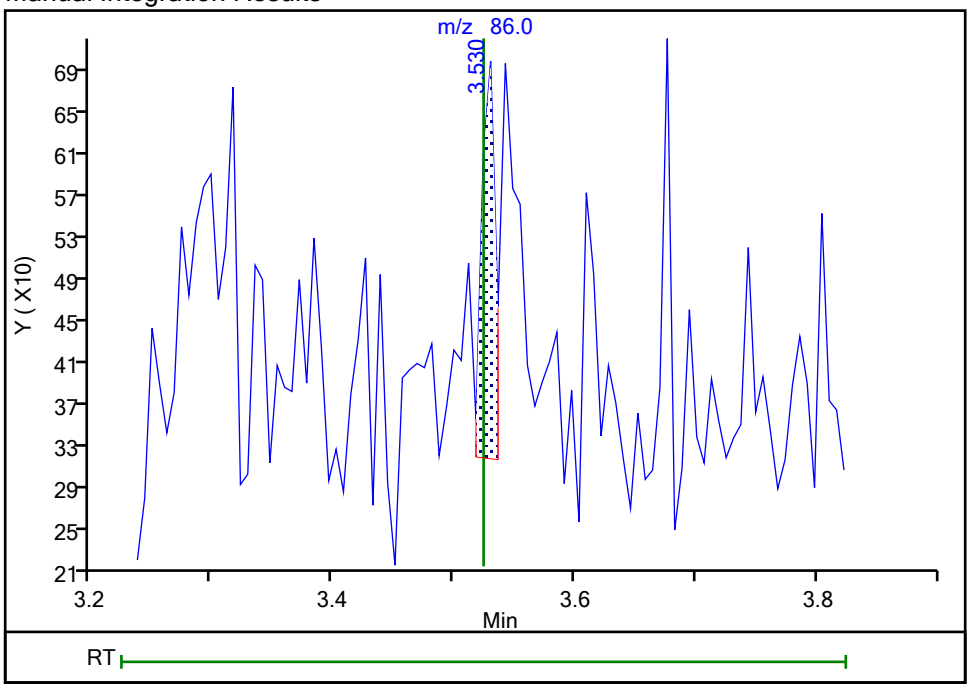
Processing Integration Results

RT: 3.53
Area: 865
Amount: 2.051447
Amount Units: ug/l



Manual Integration Results

RT: 3.53
Area: 316
Amount: 0.713281
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:42:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

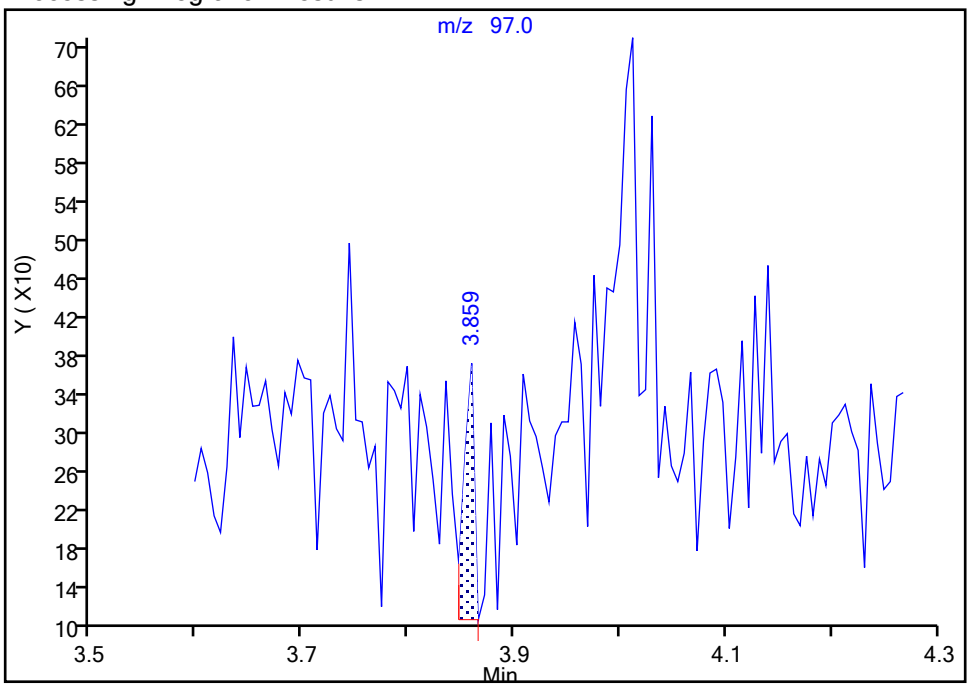
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

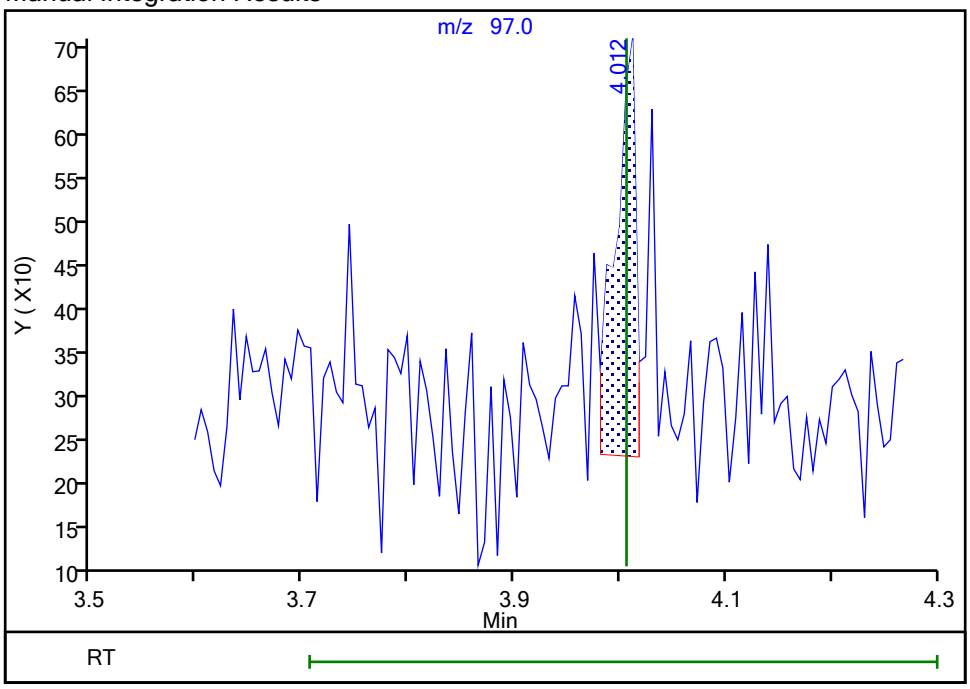
Processing Integration Results

RT: 3.86
Area: 181
Amount: 0.153268
Amount Units: ug/l



Manual Integration Results

RT: 4.01
Area: 649
Amount: 0.493445
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:21:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

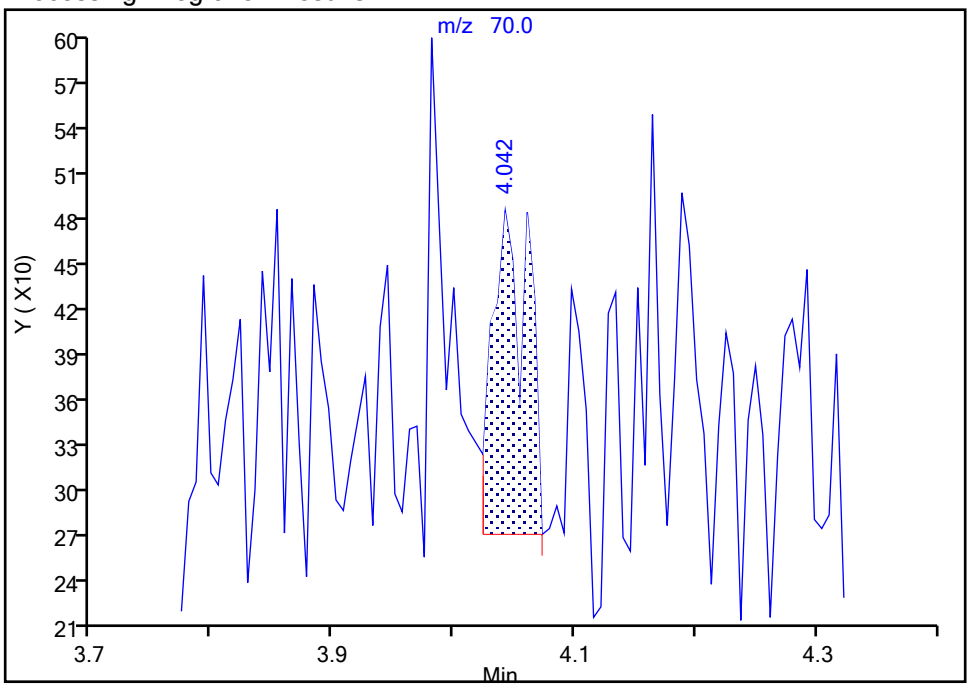
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Ethyl acetate, CAS: 141-78-6

Signal: 1

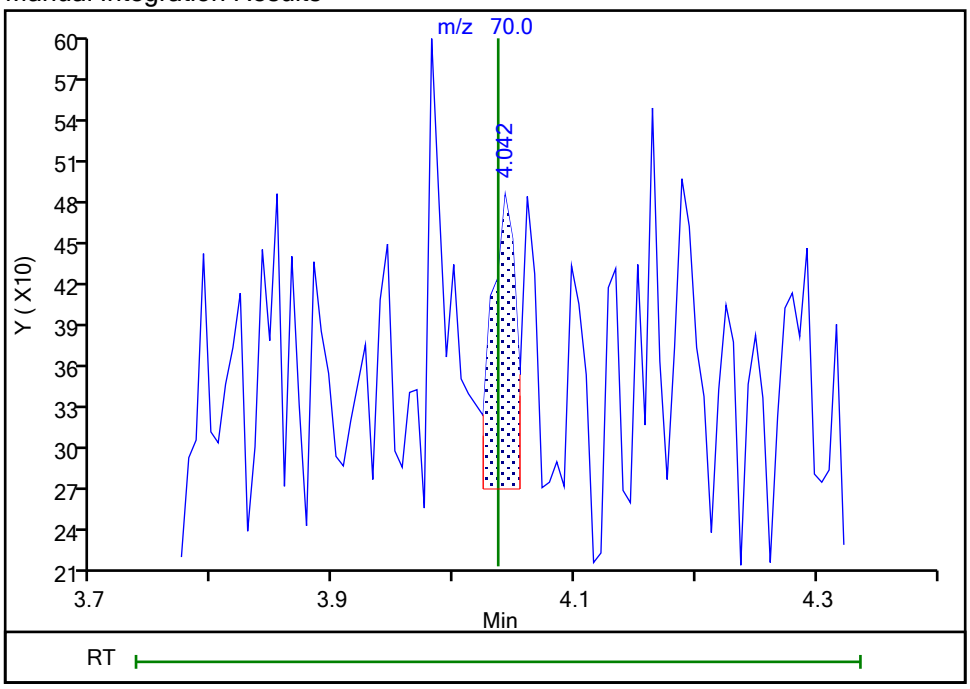
Processing Integration Results

RT: 4.04
Area: 439
Amount: 2.105247
Amount Units: ug/l



Manual Integration Results

RT: 4.04
Area: 305
Amount: 1.376215
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:43:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

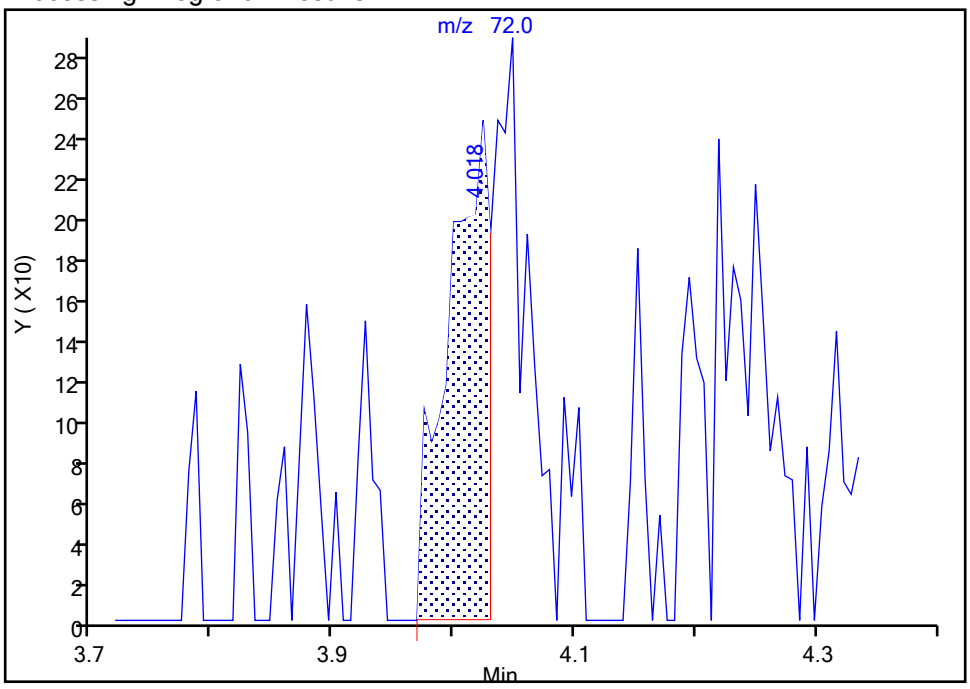
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

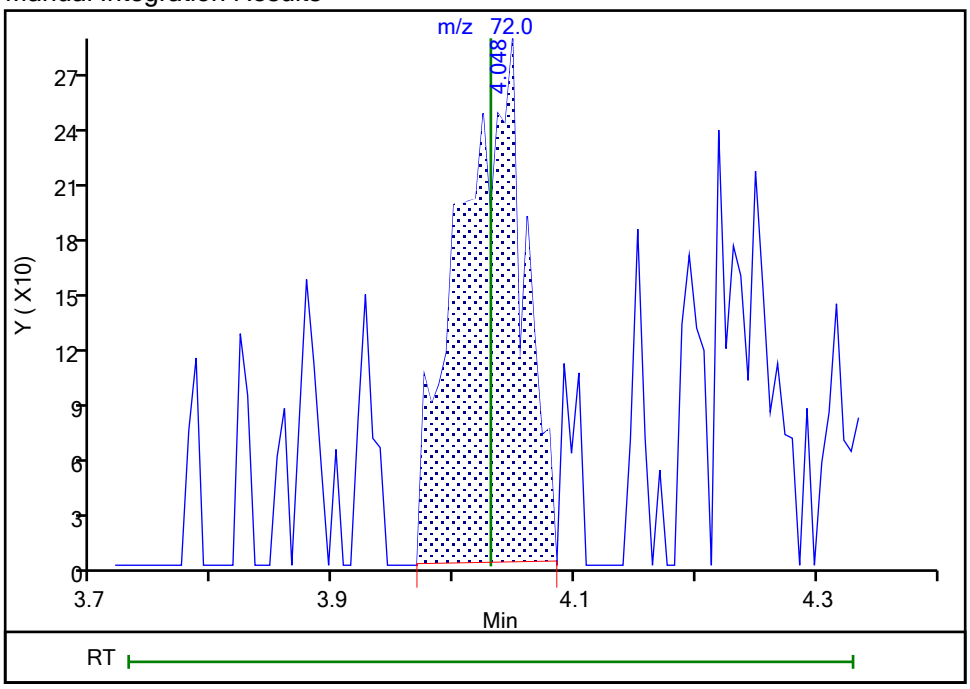
Processing Integration Results

RT: 4.02
Area: 587
Amount: 2.860213
Amount Units: ug/l



Manual Integration Results

RT: 4.05
Area: 1060
Amount: 5.292033
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:22:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

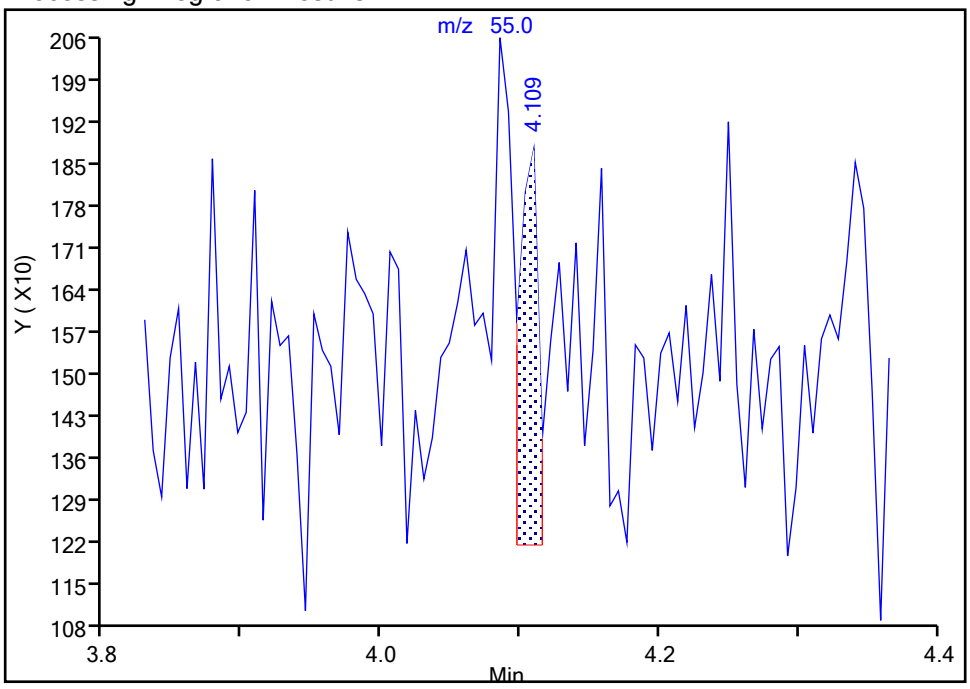
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

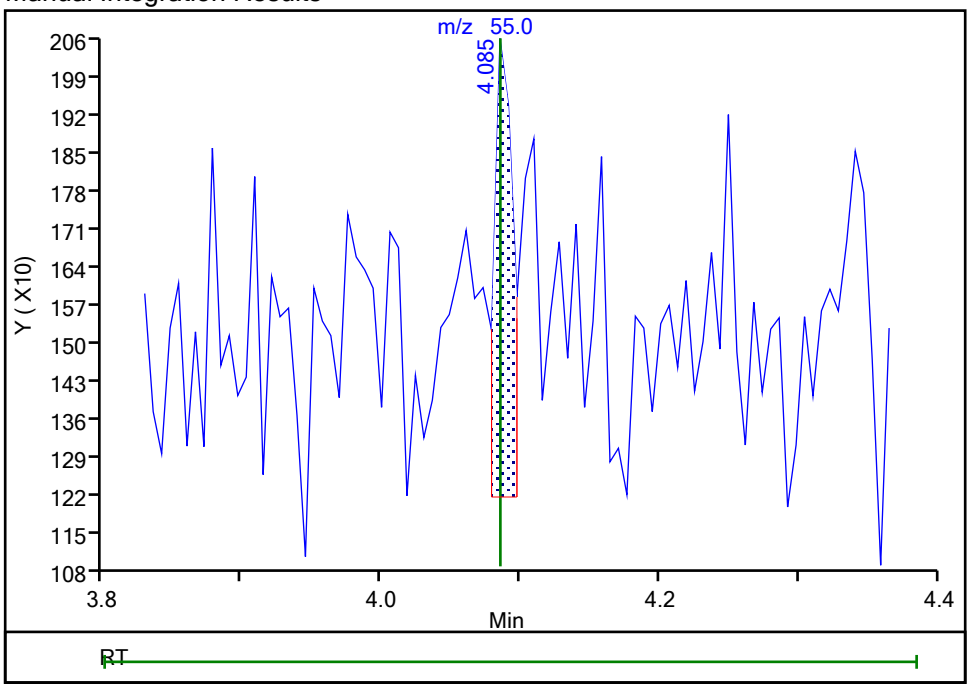
Processing Integration Results

RT: 4.11
Area: 660
Amount: 0.409395
Amount Units: ug/l



Manual Integration Results

RT: 4.08
Area: 825
Amount: 0.496741
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:22:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

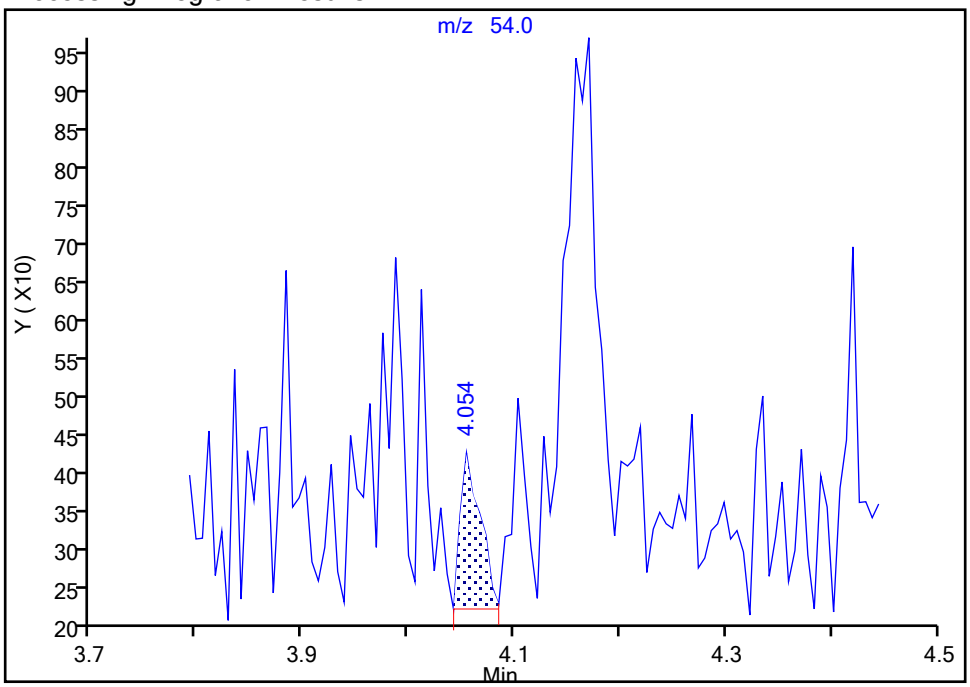
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Signal: 1

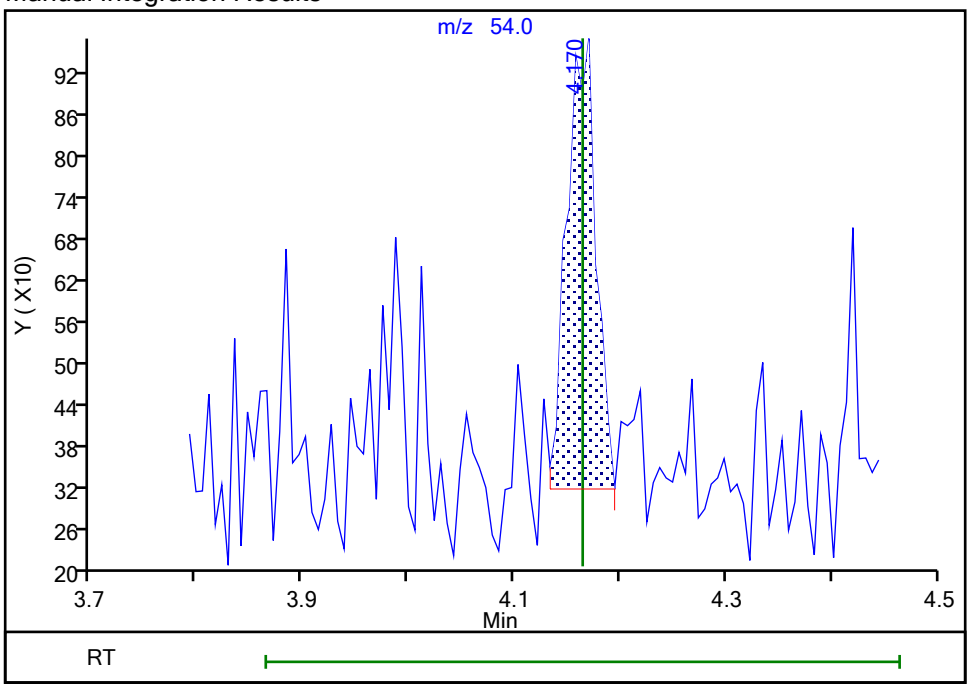
Processing Integration Results

RT: 4.05
Area: 272
Amount: 1.240522
Amount Units: ug/l



Manual Integration Results

RT: 4.17
Area: 1258
Amount: 5.353735
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:22:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

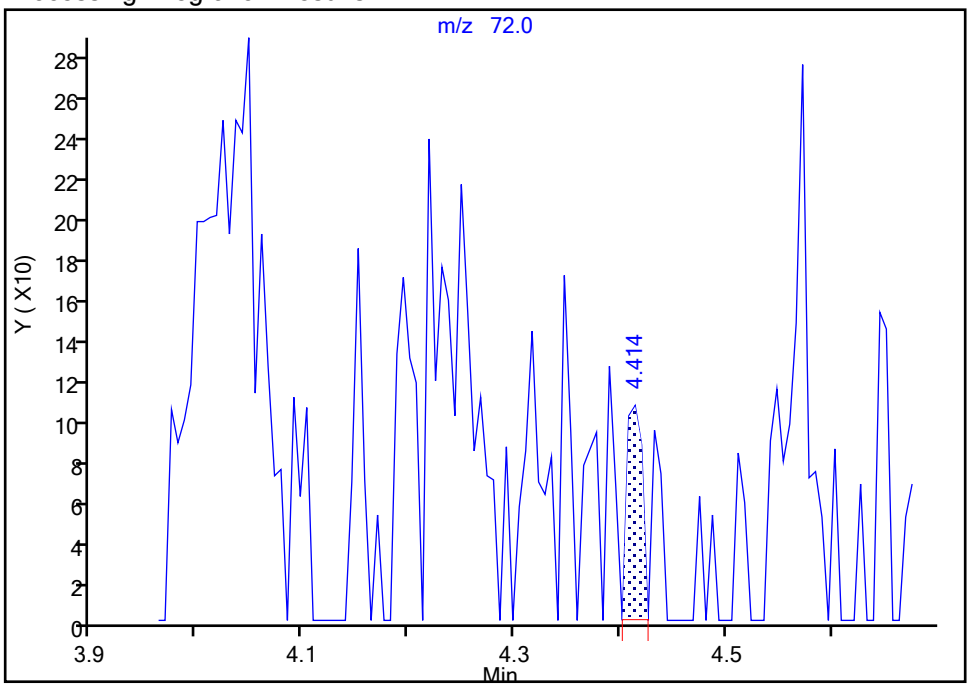
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

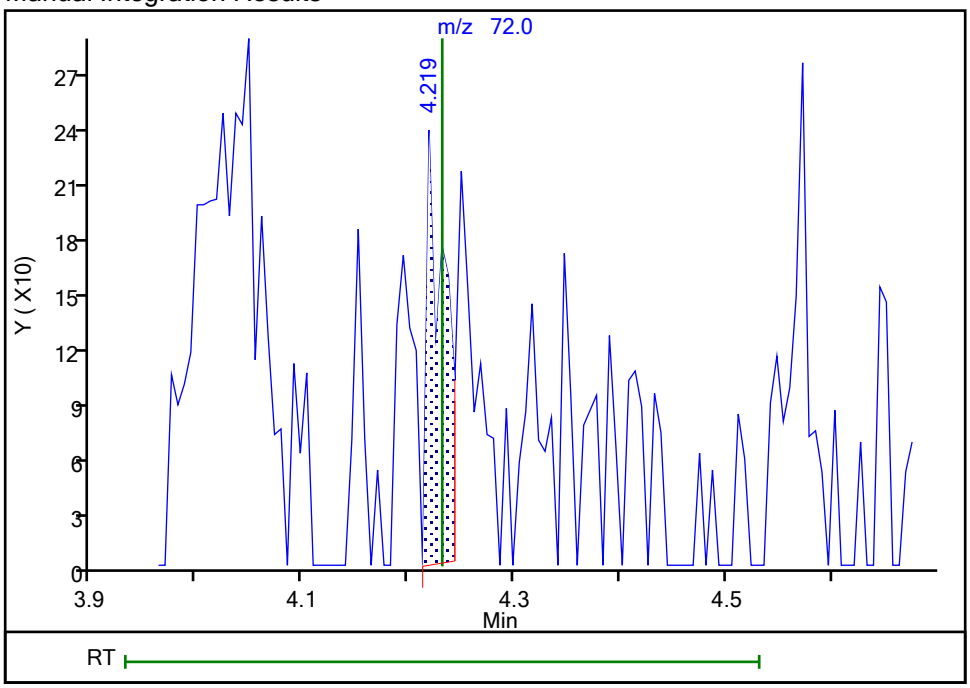
Processing Integration Results

RT: 4.41
Area: 105
Amount: 0.523438
Amount Units: ug/l



Manual Integration Results

RT: 4.22
Area: 281
Amount: 1.259404
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:44:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

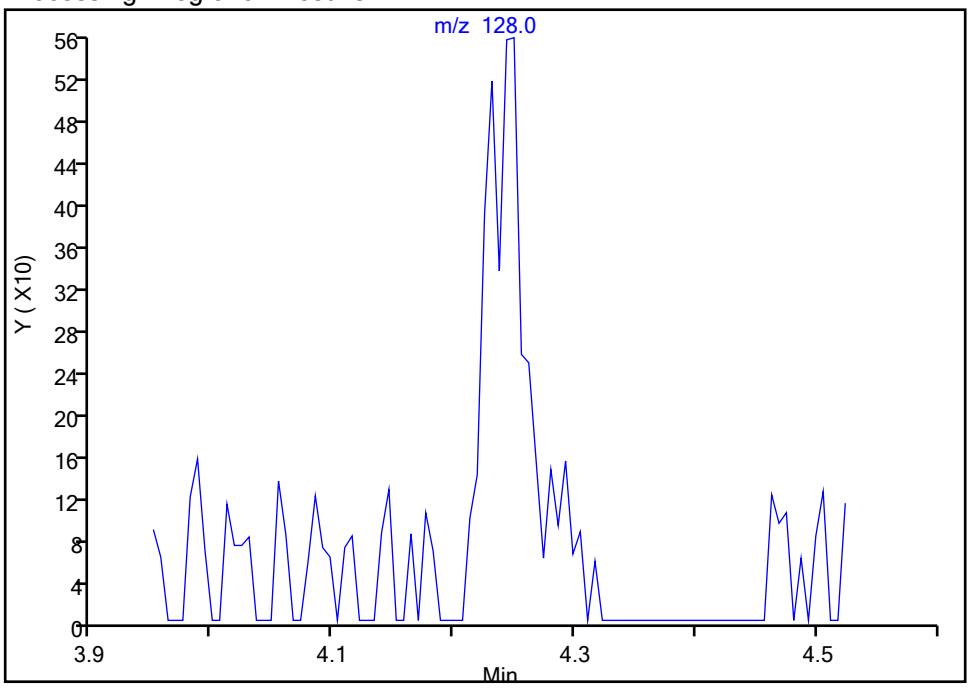
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

49 Chlorobromomethane, CAS: 74-97-5

Signal: 1

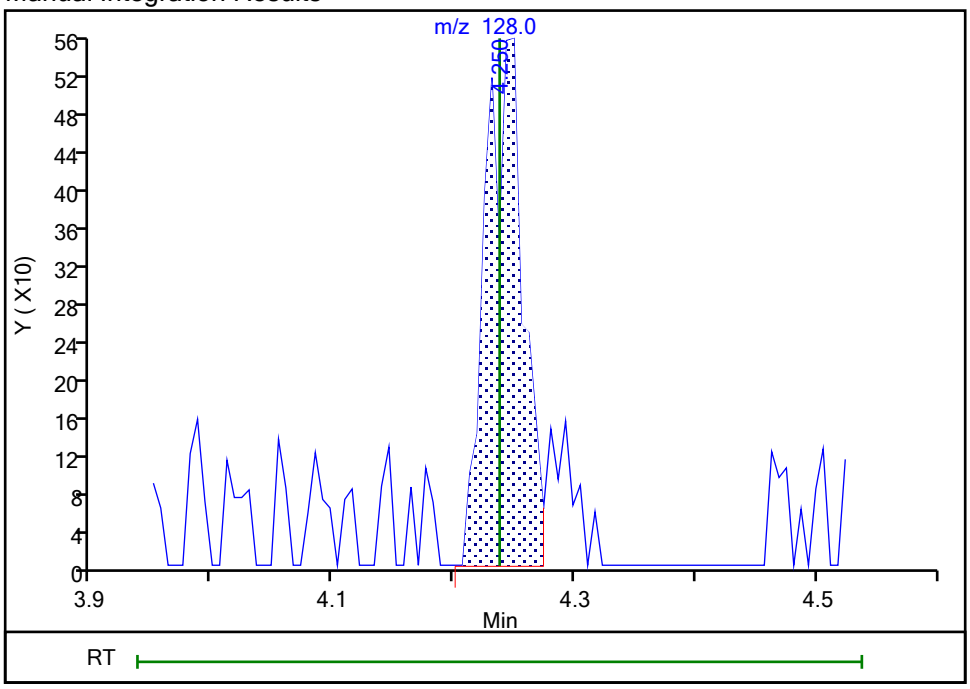
Not Detected
Expected RT: 4.24

Processing Integration Results



Manual Integration Results

RT: 4.25
Area: 1197
Amount: 0.733162
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:22:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

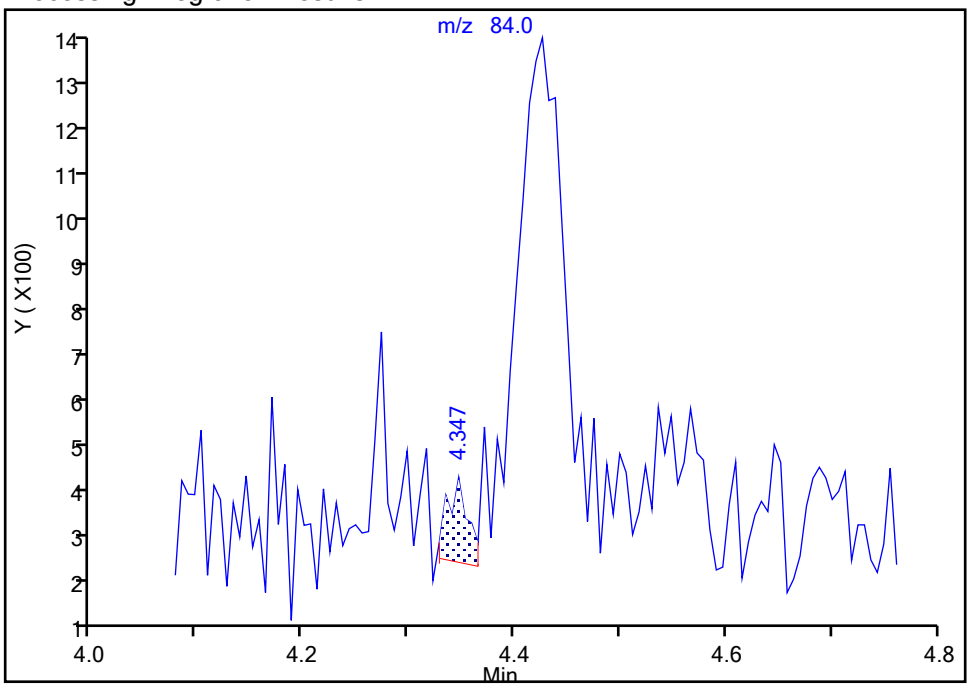
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

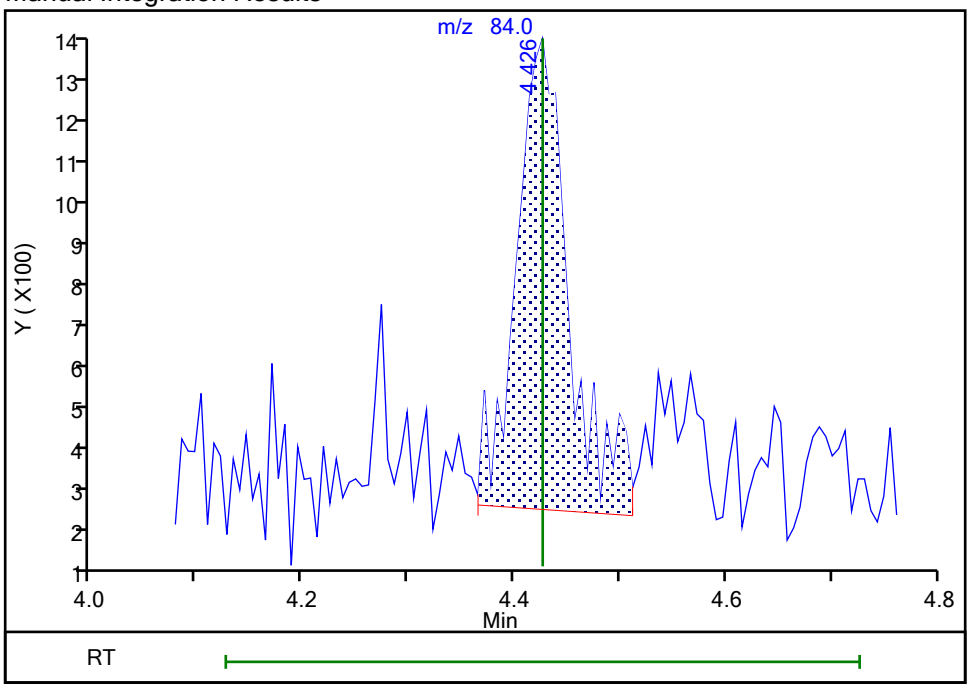
Processing Integration Results

RT: 4.35
Area: 244
Amount: 0.058736
Amount Units: ug/l



Manual Integration Results

RT: 4.43
Area: 3769
Amount: 0.738263
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:23:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

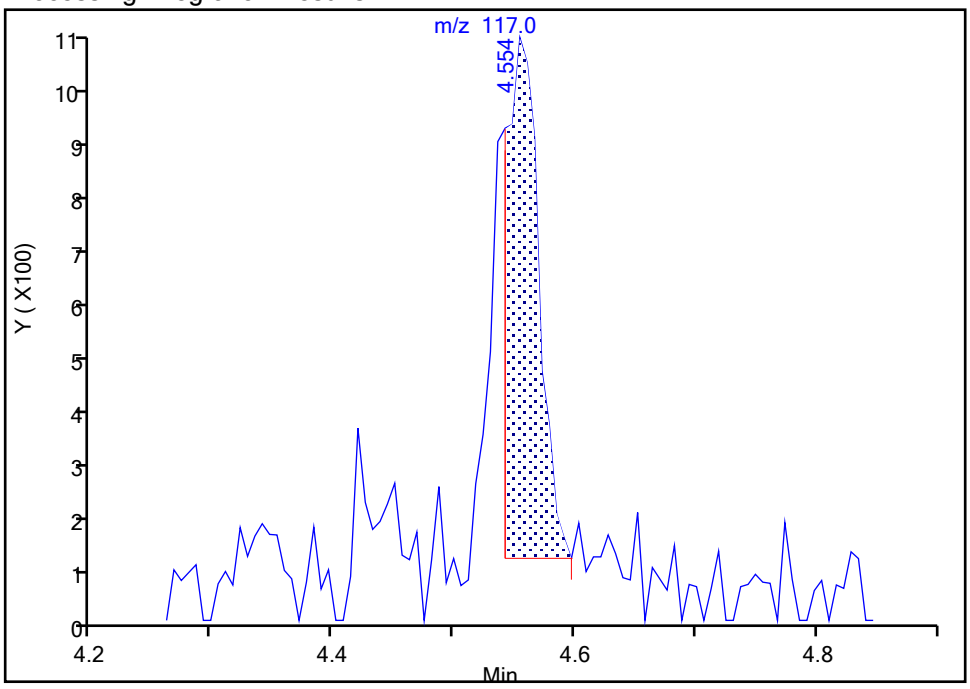
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

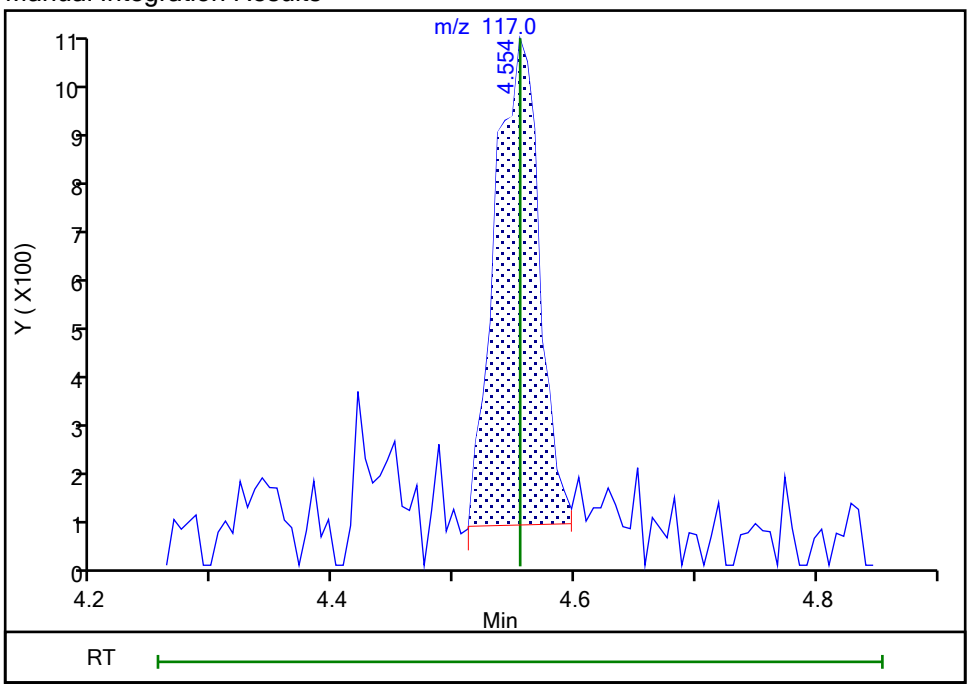
Processing Integration Results

RT: 4.55
Area: 1751
Amount: 0.417503
Amount Units: ug/l



Manual Integration Results

RT: 4.55
Area: 2453
Amount: 0.569233
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:23:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

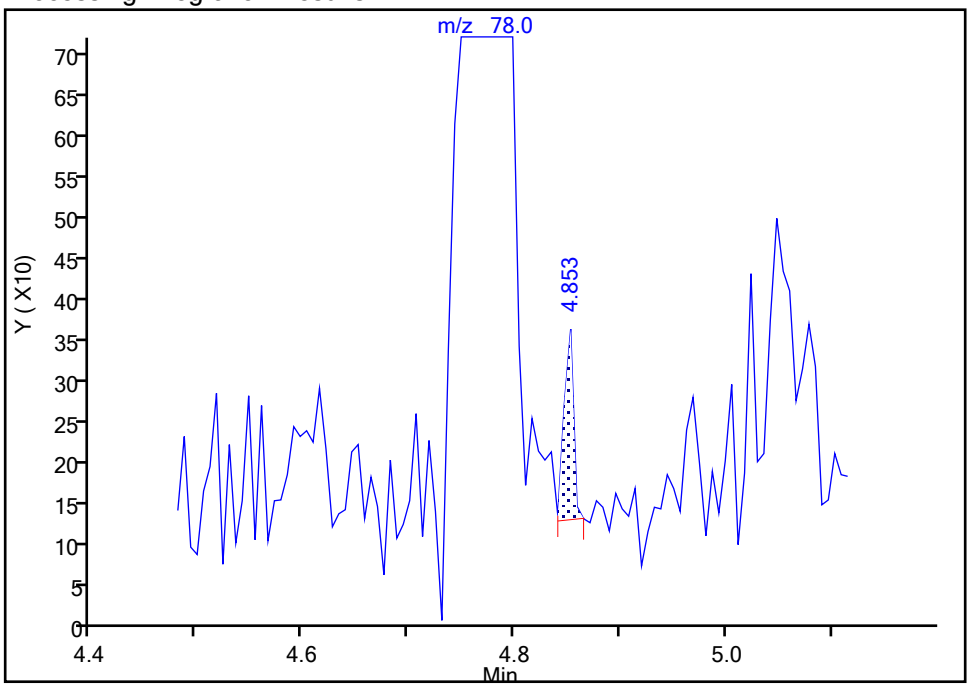
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Signal: 1

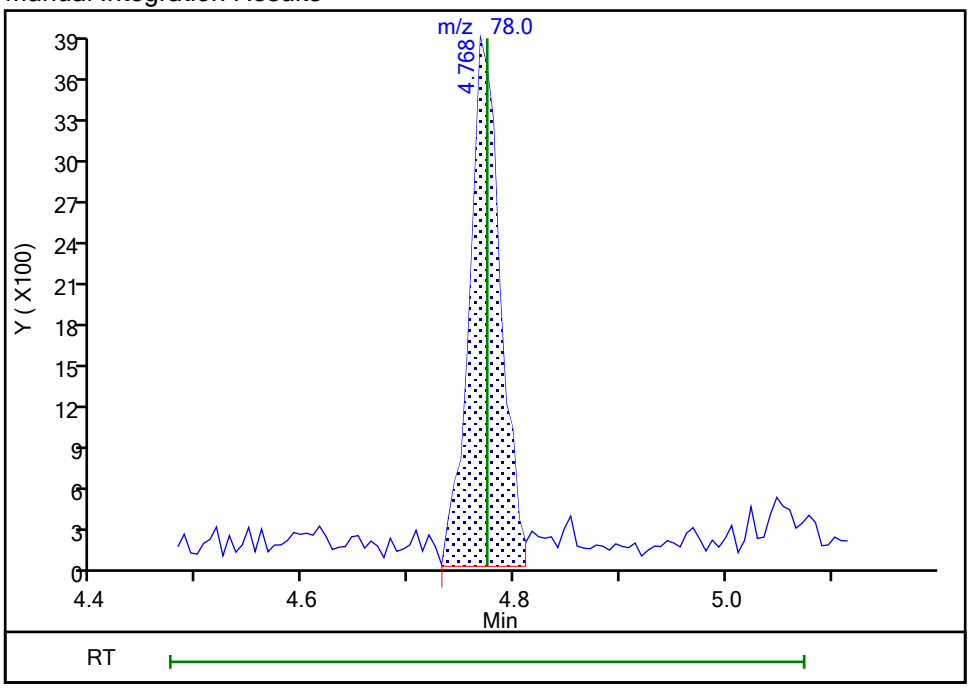
Processing Integration Results

RT: 4.85
Area: 145
Amount: 0.011368
Amount Units: ug/l



Manual Integration Results

RT: 4.77
Area: 7806
Amount: 0.595013
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:23:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

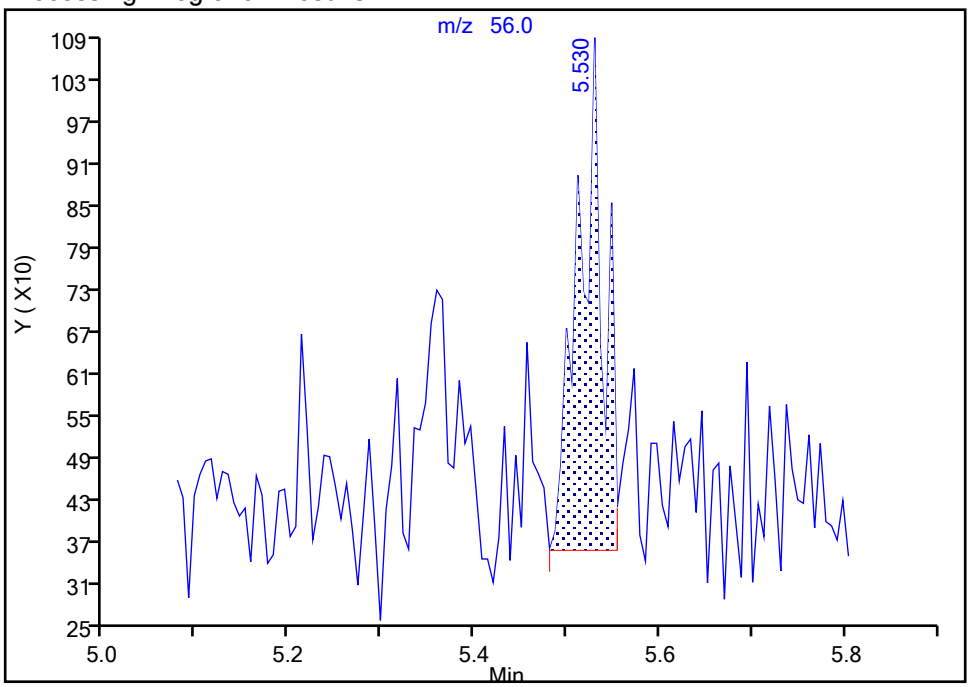
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

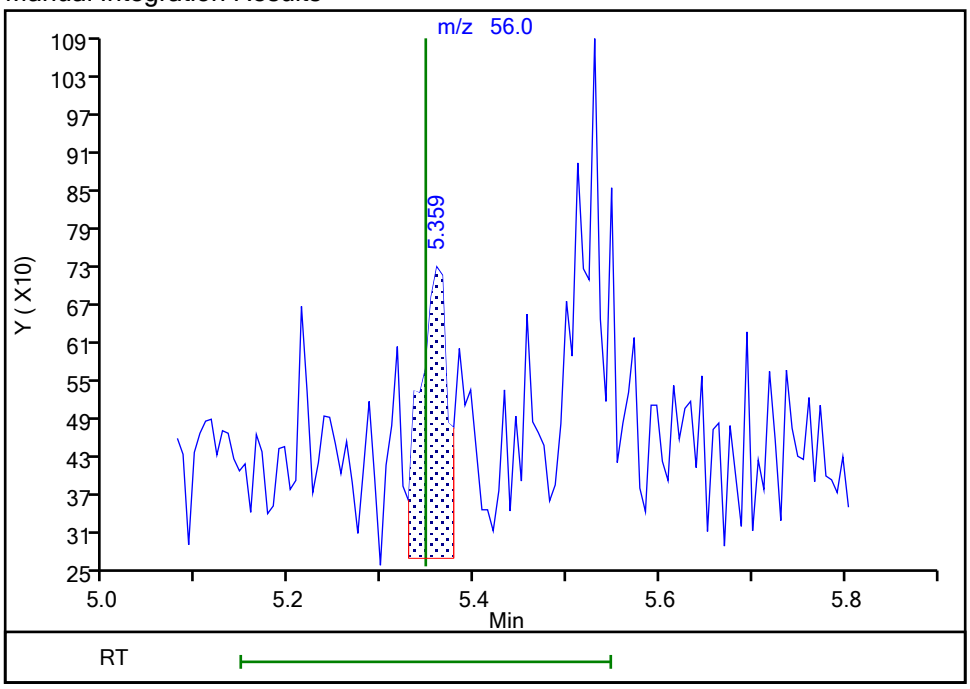
Processing Integration Results

RT: 5.53
Area: 1333
Amount: 32.884112
Amount Units: ug/l



Manual Integration Results

RT: 5.36
Area: 967
Amount: 23.856619
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:23:51 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

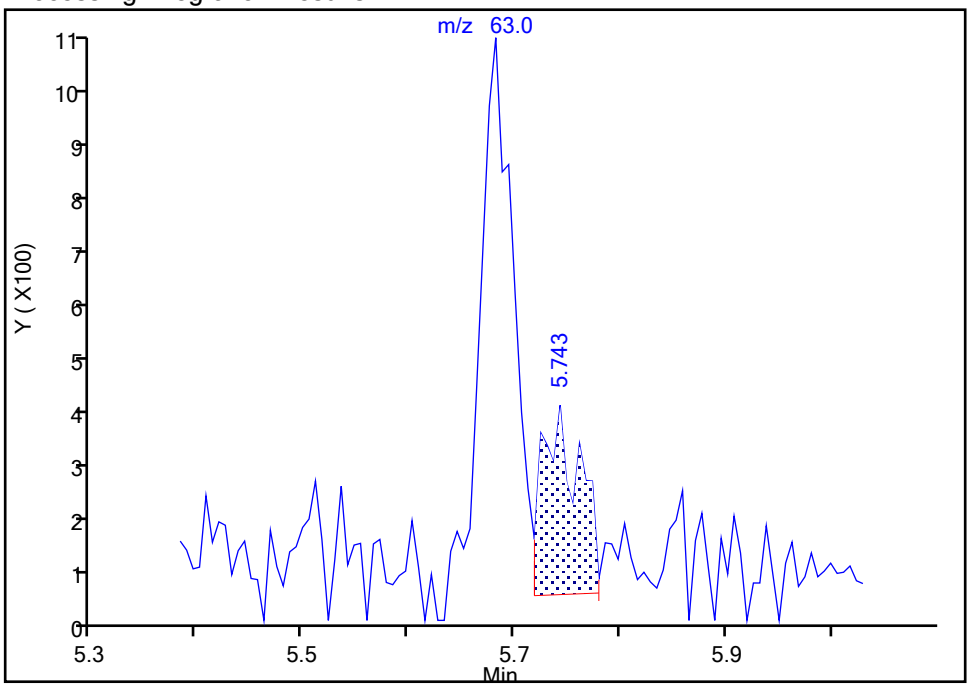
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

71 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

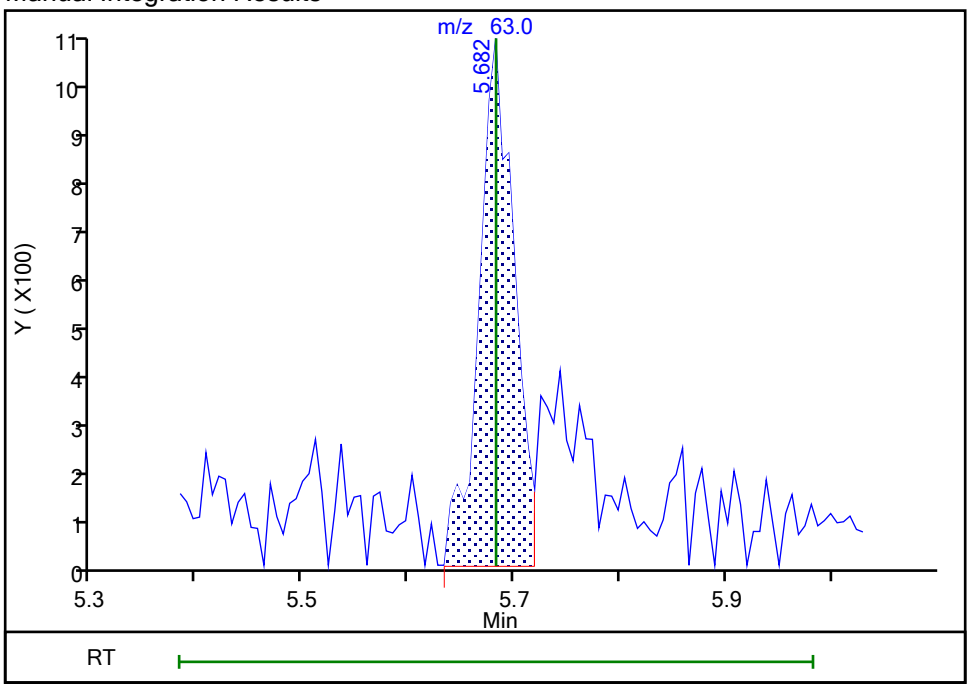
Processing Integration Results

RT: 5.74
Area: 833
Amount: 0.259878
Amount Units: ug/l



Manual Integration Results

RT: 5.68
Area: 2372
Amount: 0.692563
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:24:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

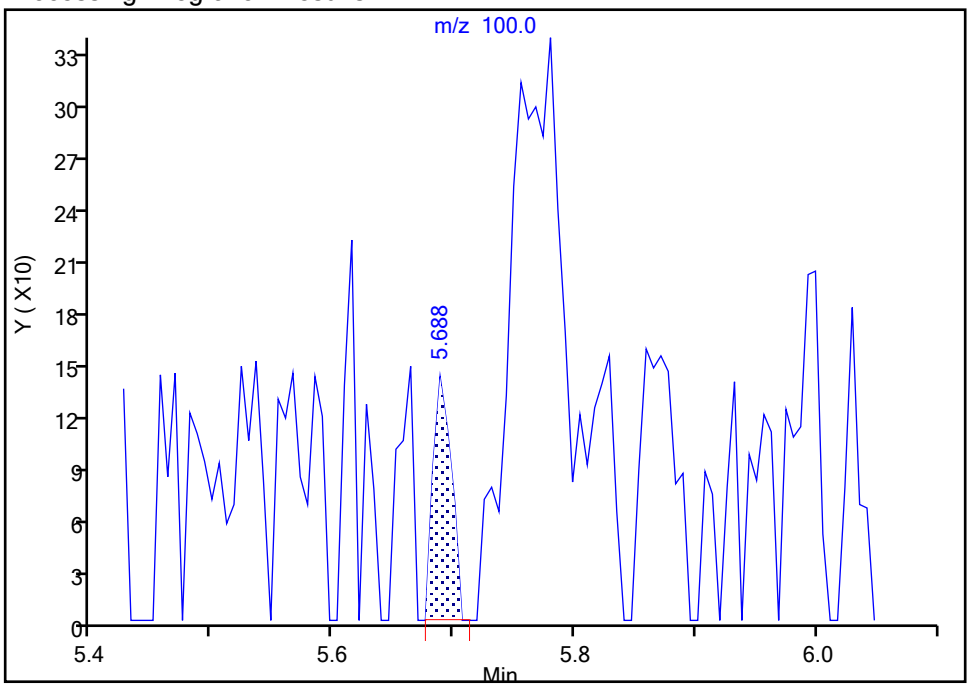
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

73 Methyl methacrylate, CAS: 80-62-6

Signal: 1

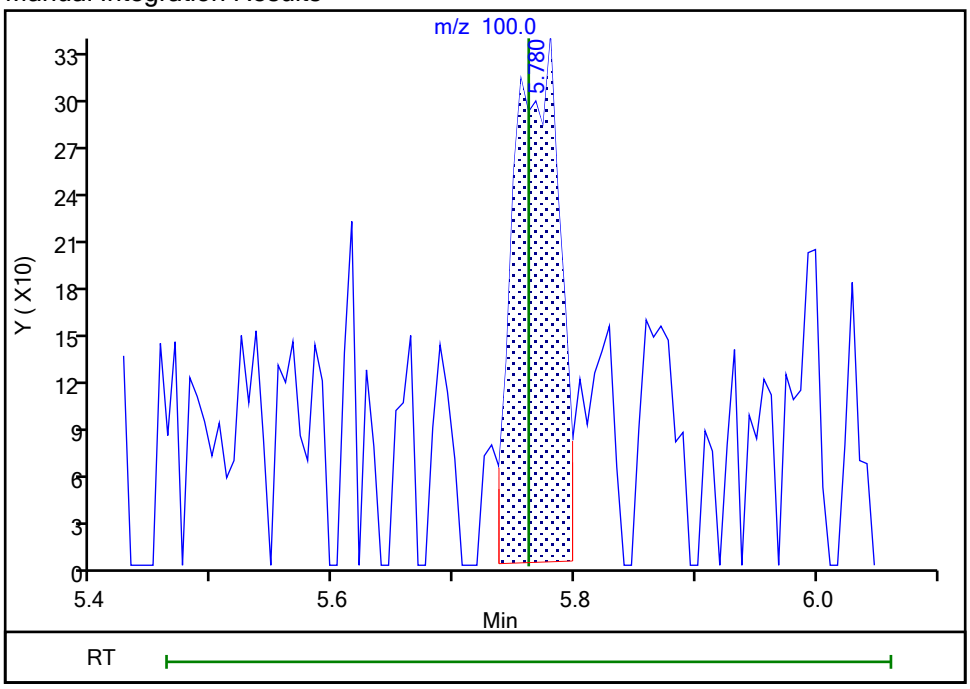
Processing Integration Results

RT: 5.69
Area: 149
Amount: 0.296626
Amount Units: ug/l



Manual Integration Results

RT: 5.78
Area: 886
Amount: 1.604536
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:24:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

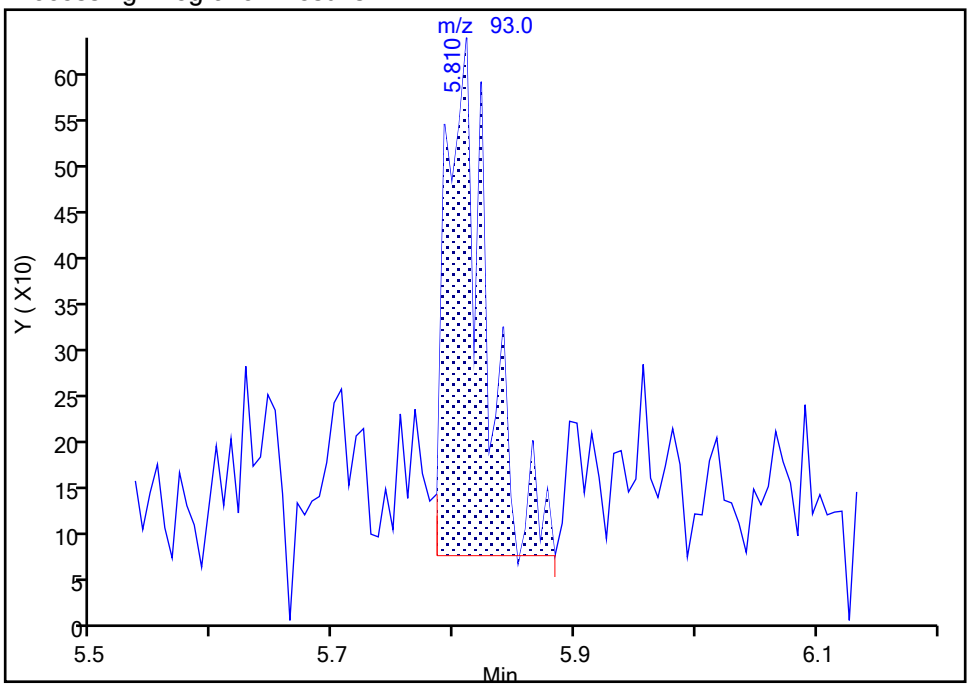
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

74 Dibromomethane, CAS: 74-95-3

Signal: 1

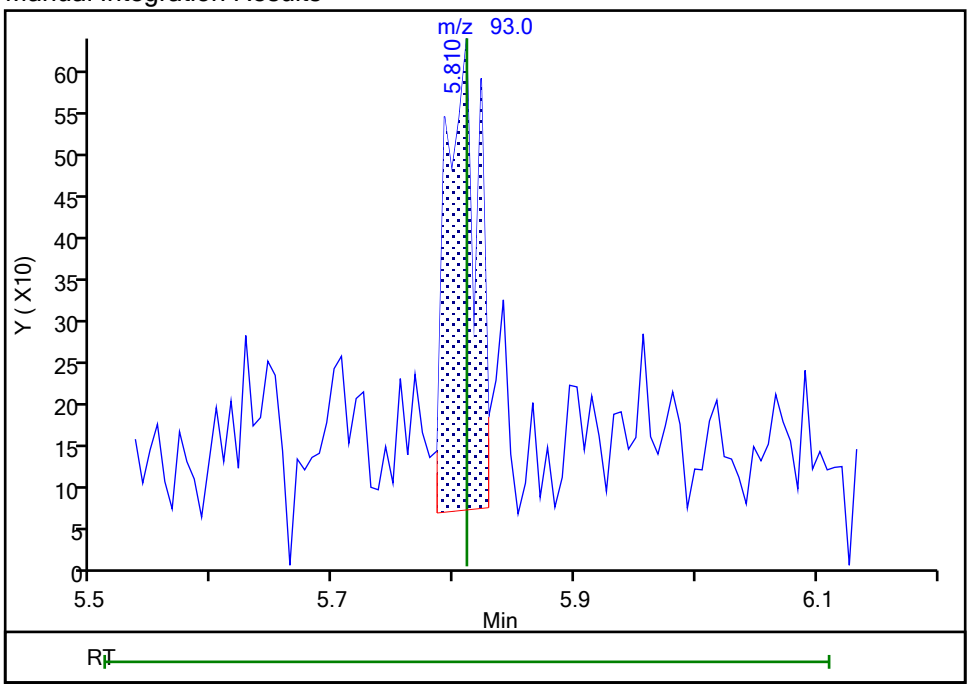
Processing Integration Results

RT: 5.81
Area: 1282
Amount: 0.917277
Amount Units: ug/l



Manual Integration Results

RT: 5.81
Area: 1036
Amount: 0.686943
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:24:38 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

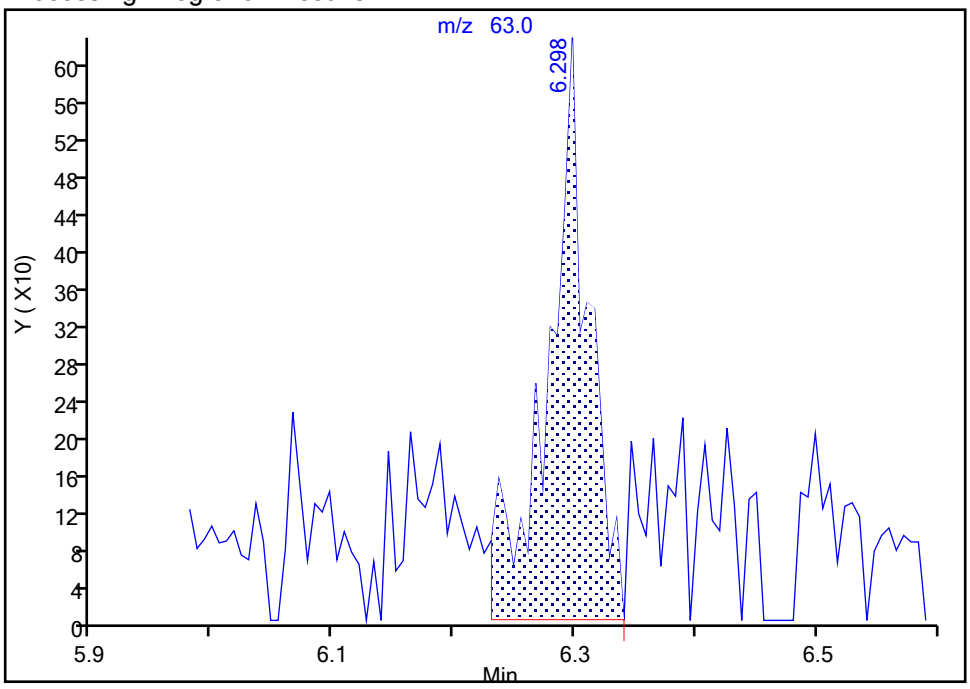
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

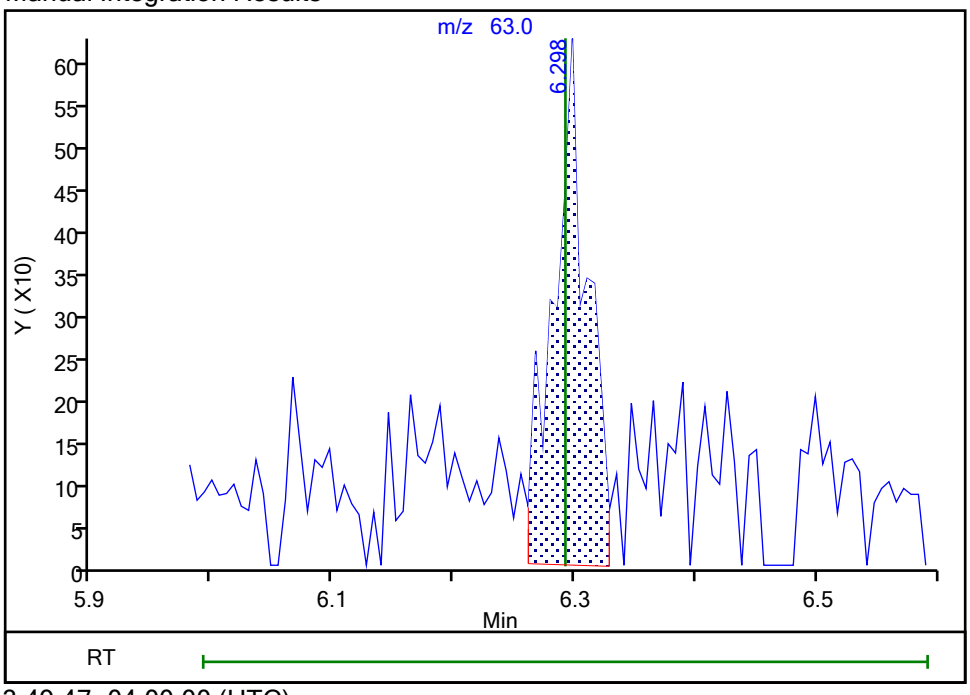
Processing Integration Results

RT: 6.30
Area: 1465
Amount: 1.123876
Amount Units: ug/l



Manual Integration Results

RT: 6.30
Area: 1236
Amount: 0.840664
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:49:47 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

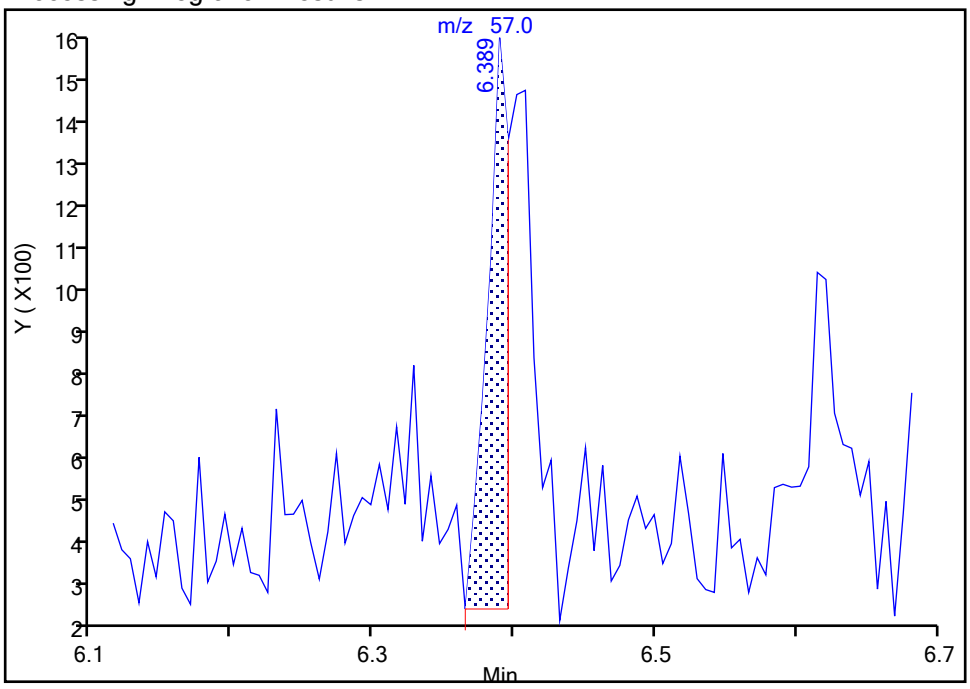
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

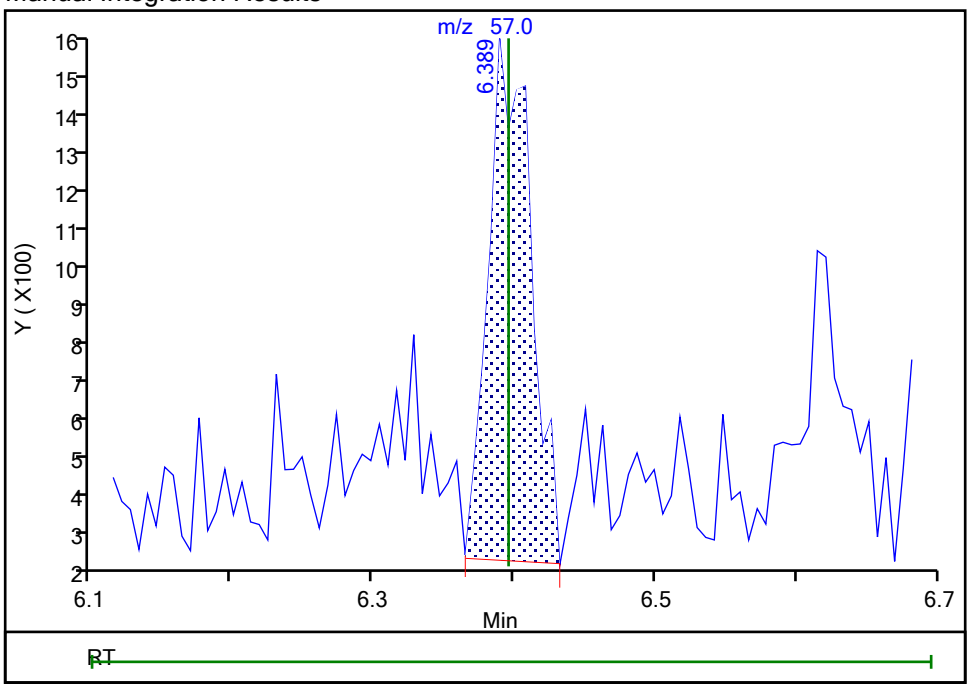
Processing Integration Results

RT: 6.39
Area: 1308
Amount: 8.489462
Amount Units: ug/l



Manual Integration Results

RT: 6.39
Area: 2552
Amount: 17.106215
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:24:48 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

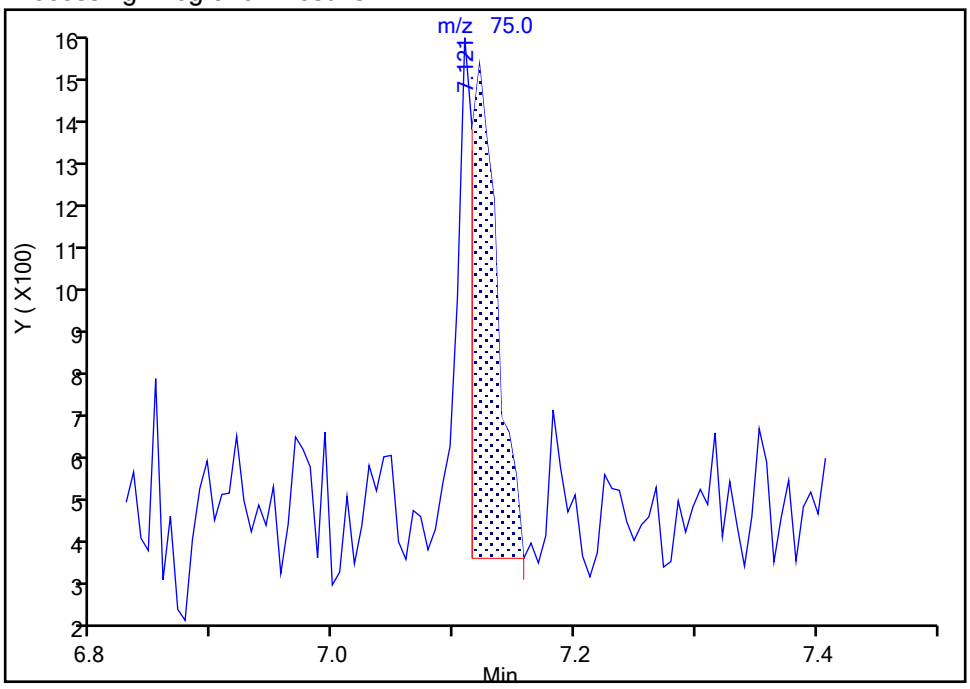
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

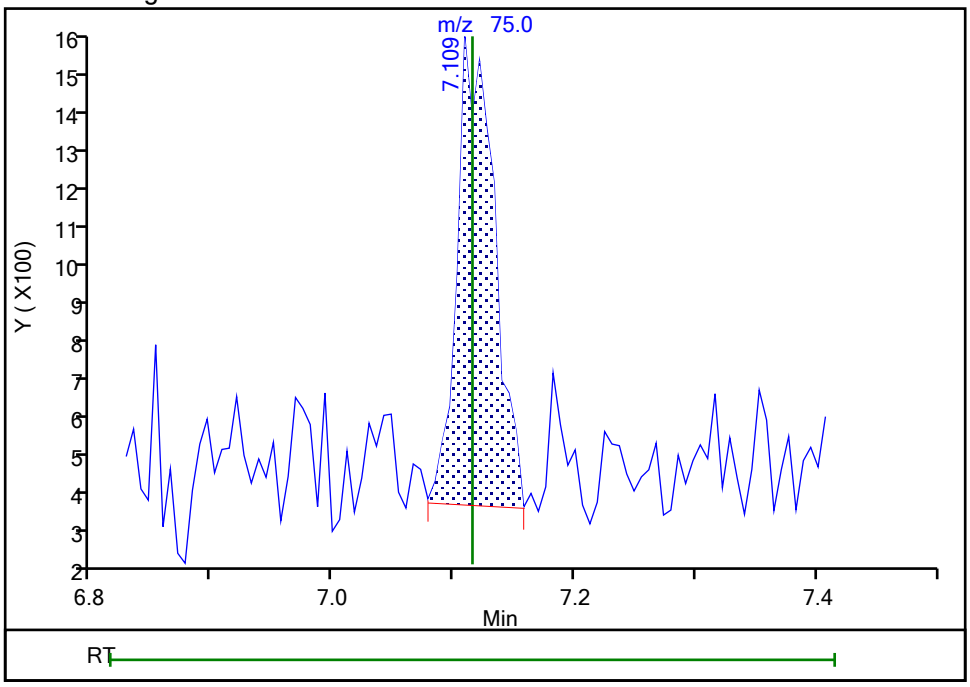
Processing Integration Results

RT: 7.12
Area: 1634
Amount: 0.443275
Amount Units: ug/l



Manual Integration Results

RT: 7.11
Area: 2408
Amount: 0.641125
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:24:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

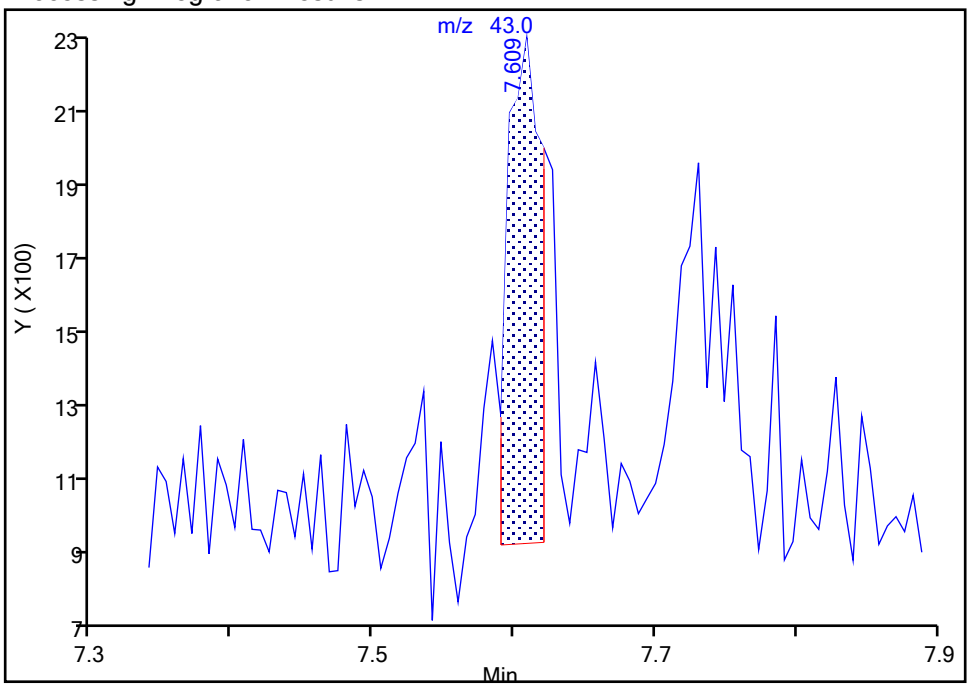
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

90 2-Hexanone, CAS: 591-78-6

Signal: 1

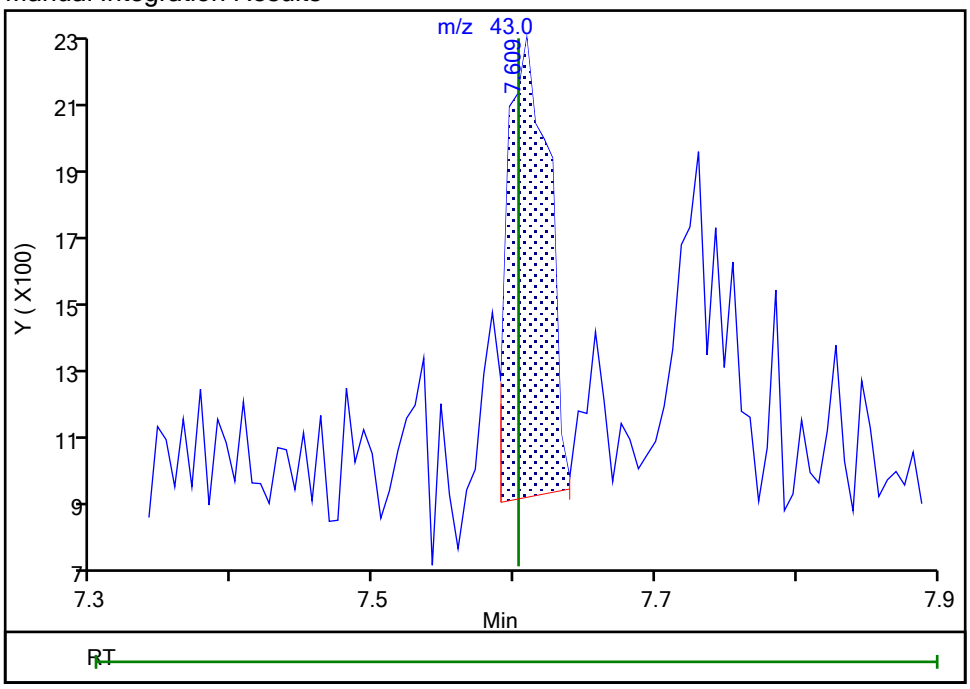
Processing Integration Results

RT: 7.61
Area: 2215
Amount: 2.198148
Amount Units: ug/l



Manual Integration Results

RT: 7.61
Area: 2655
Amount: 2.582825
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:25:14 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

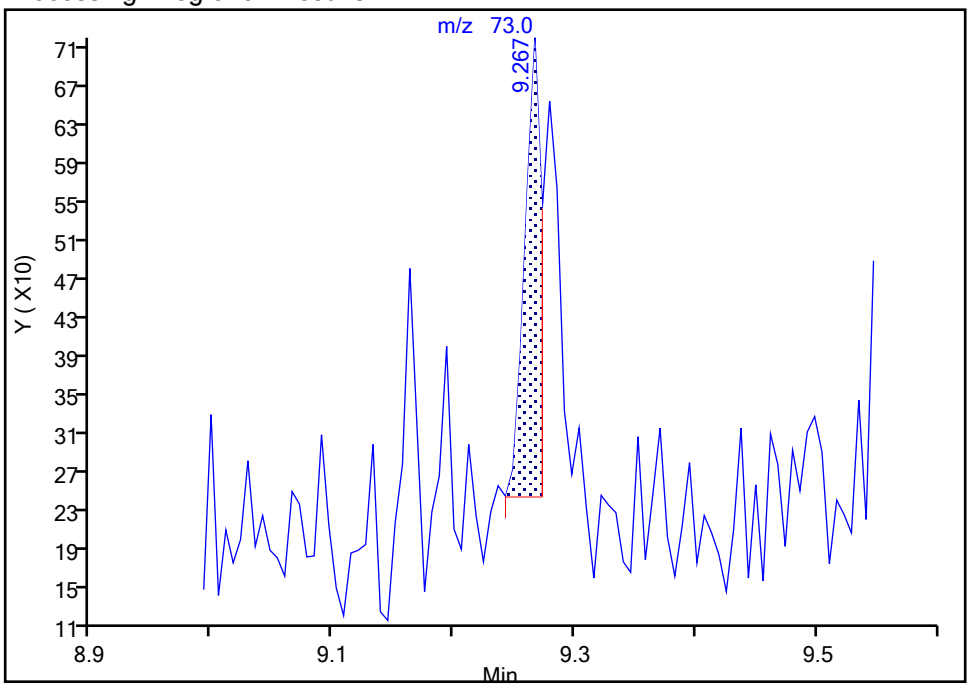
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

100 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

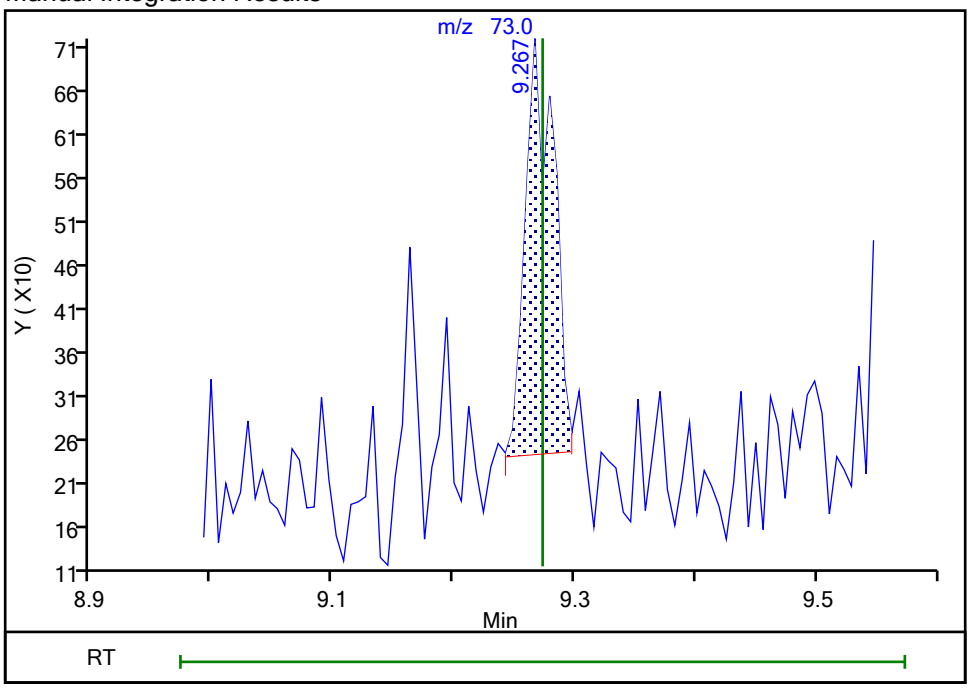
Processing Integration Results

RT: 9.27
Area: 468
Amount: 0.259443
Amount Units: ug/l



Manual Integration Results

RT: 9.27
Area: 782
Amount: 0.415226
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:25:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

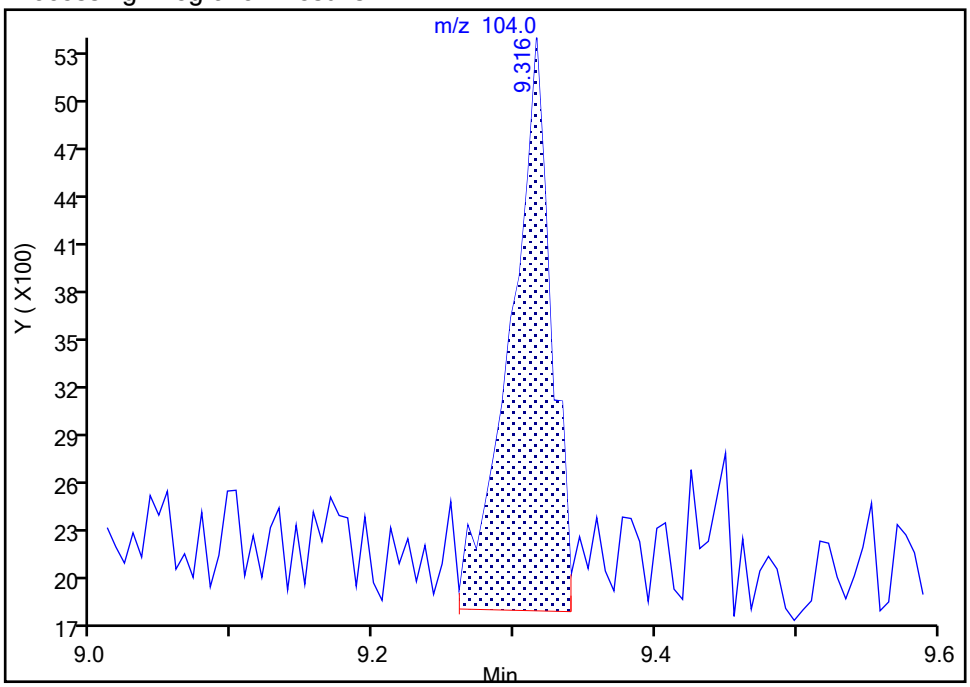
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 Styrene, CAS: 100-42-5

Signal: 1

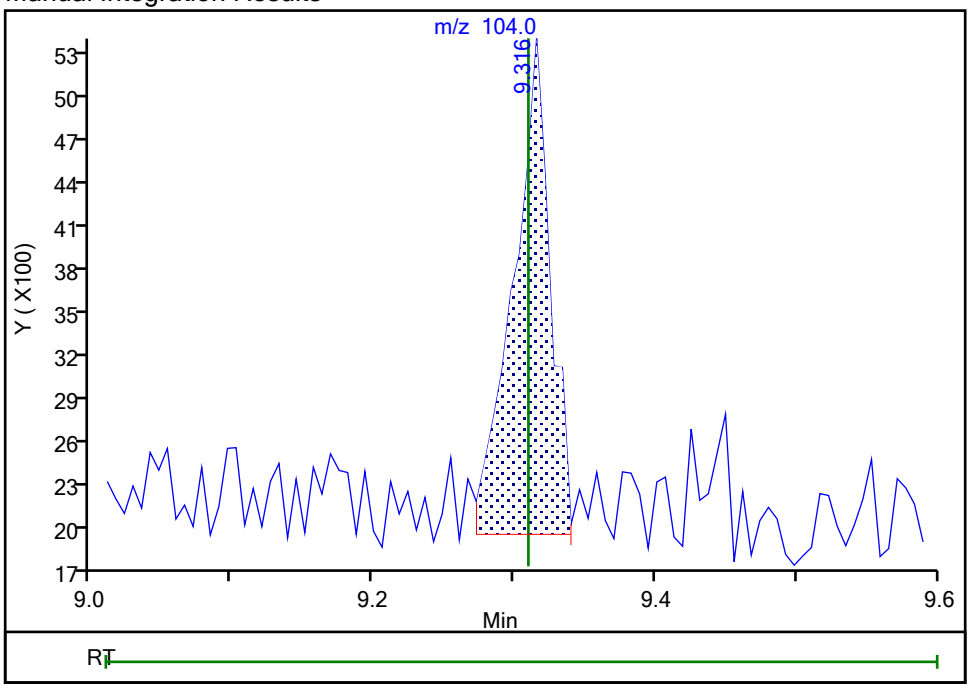
Processing Integration Results

RT: 9.32
Area: 7153
Amount: 0.803163
Amount Units: ug/l



Manual Integration Results

RT: 9.32
Area: 6302
Amount: 0.683278
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:51:43 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

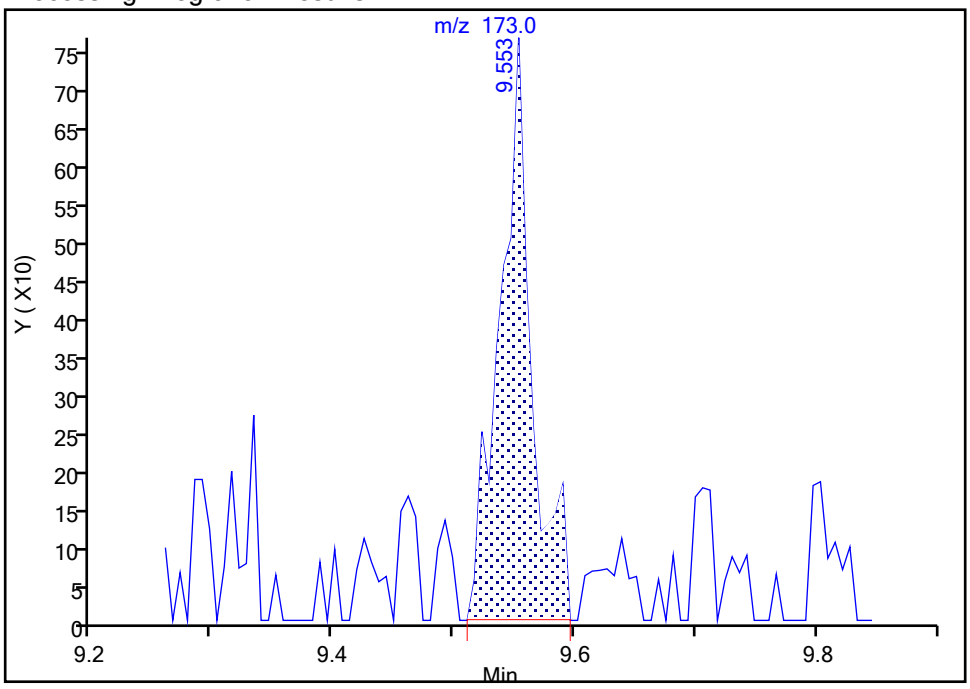
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

102 Bromoform, CAS: 75-25-2

Signal: 1

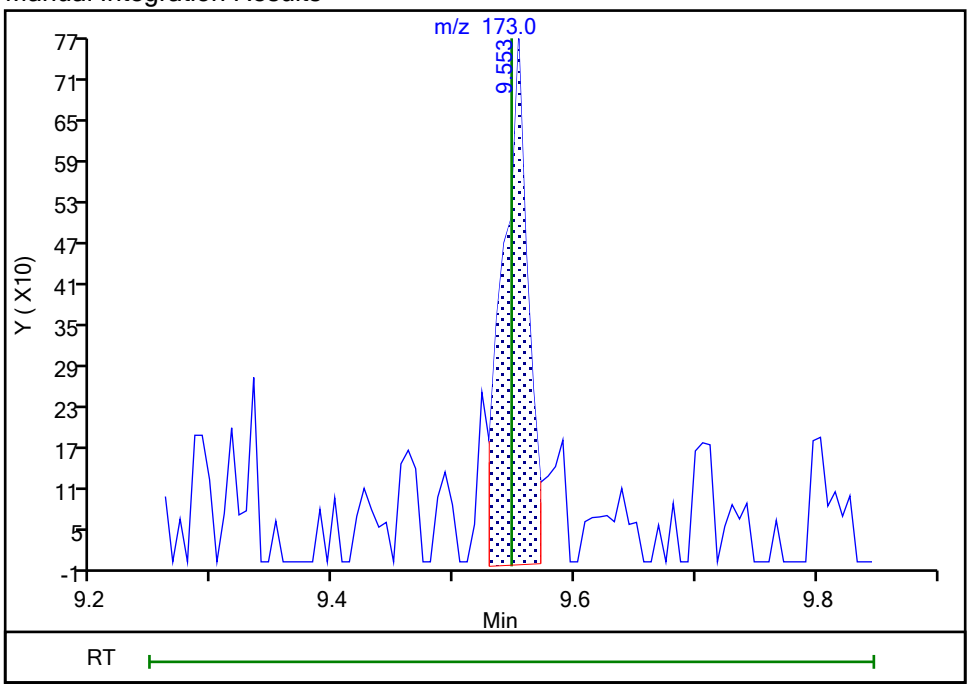
Processing Integration Results

RT: 9.55
Area: 1411
Amount: 0.973442
Amount Units: ug/l



Manual Integration Results

RT: 9.55
Area: 1150
Amount: 0.746610
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:52:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

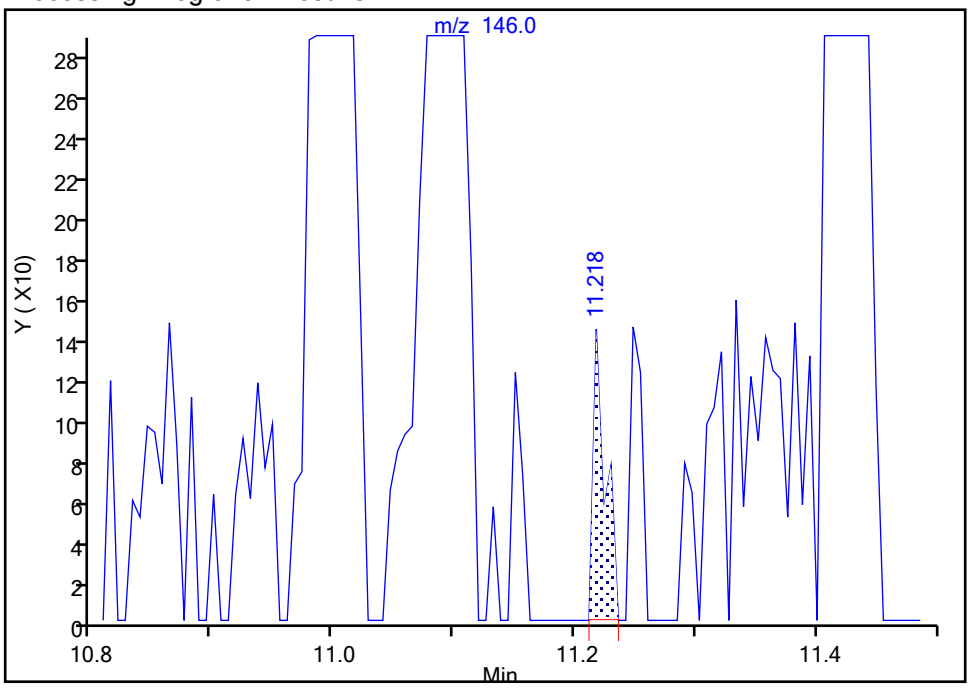
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

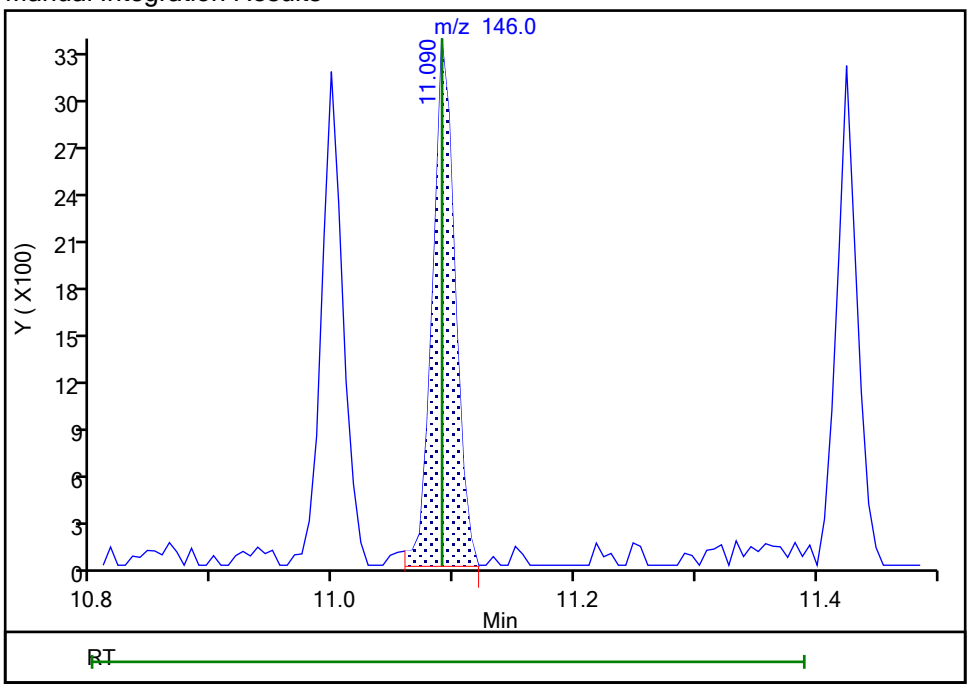
Processing Integration Results

RT: 11.22
Area: 99
Amount: 0.014828
Amount Units: ug/l



Manual Integration Results

RT: 11.09
Area: 4335
Amount: 0.654375
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:26:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

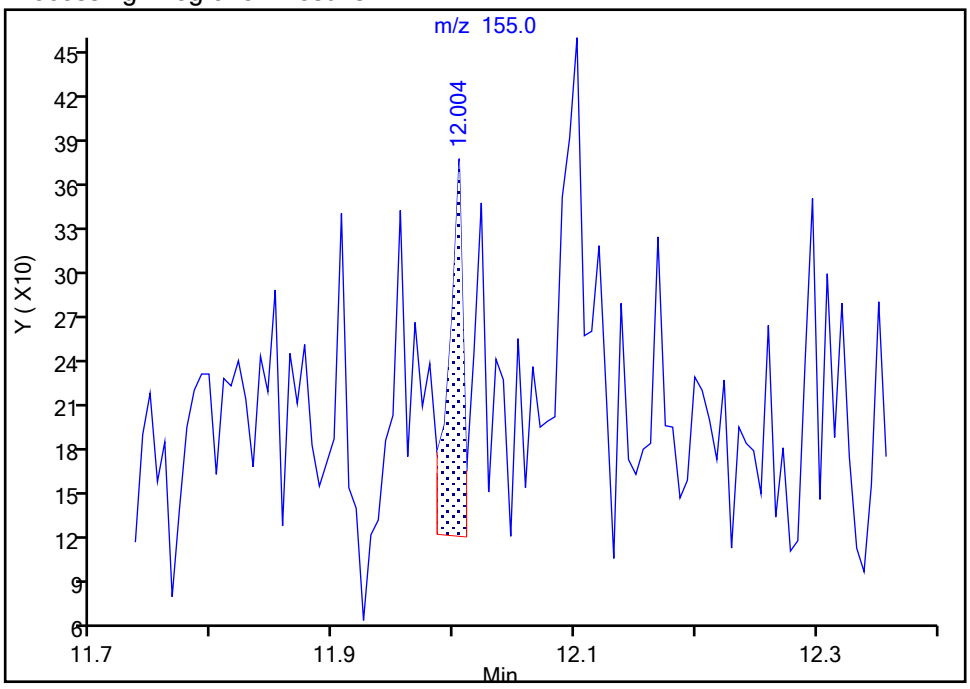
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

130 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

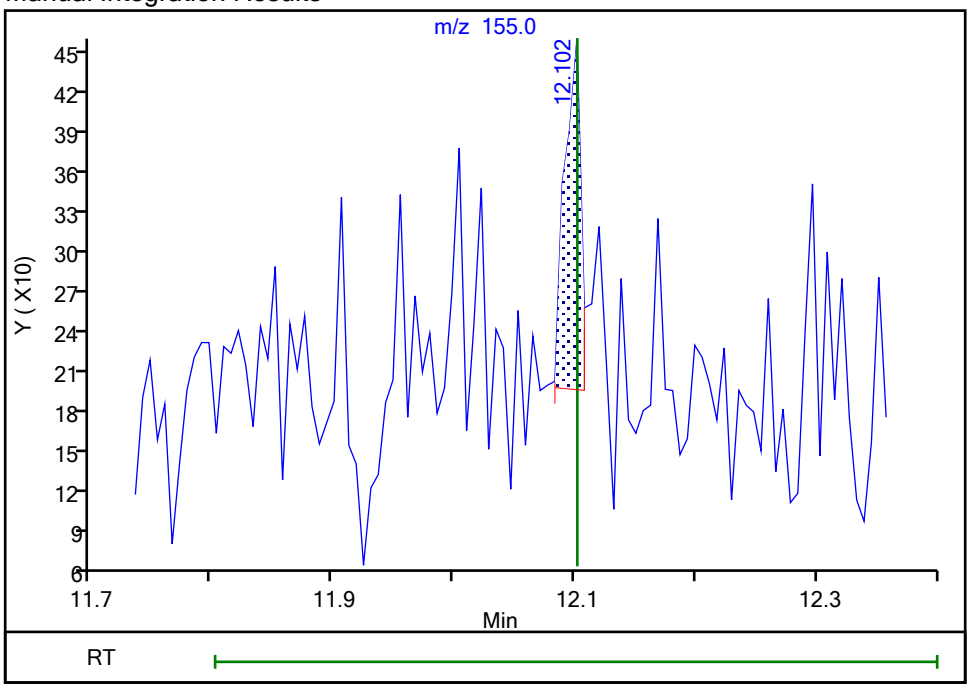
Processing Integration Results

RT: 12.00
Area: 211
Amount: 0.540996
Amount Units: ug/l



Manual Integration Results

RT: 12.10
Area: 247
Amount: 0.642072
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:54:02 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

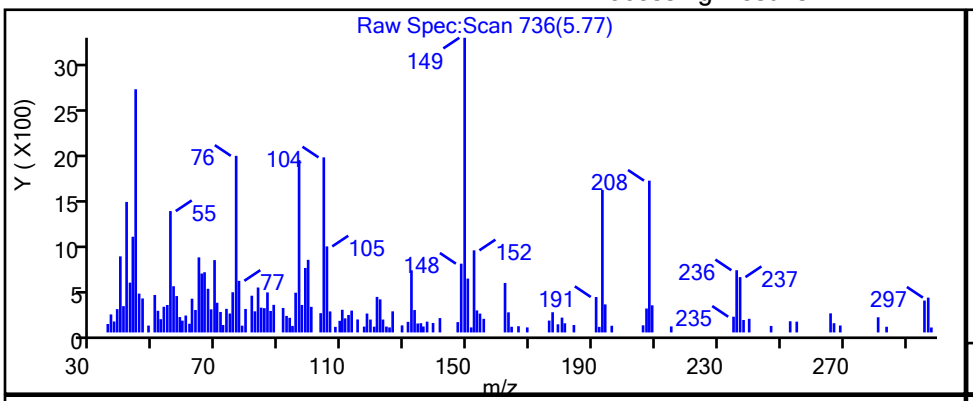
User Disabled Compound Report

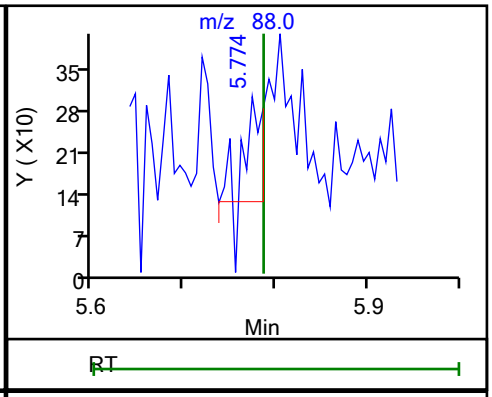
Eurofins Edison

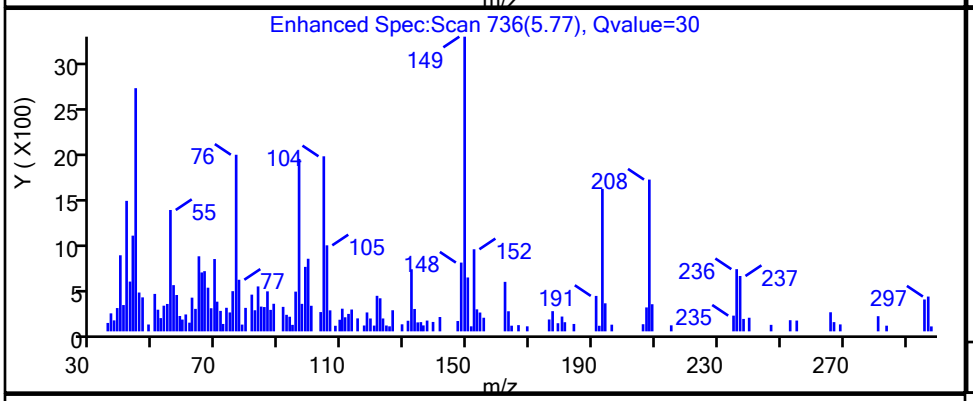
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

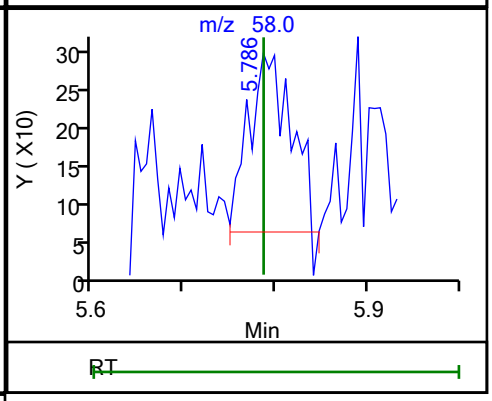
75 1,4-Dioxane, CAS: 123-91-1

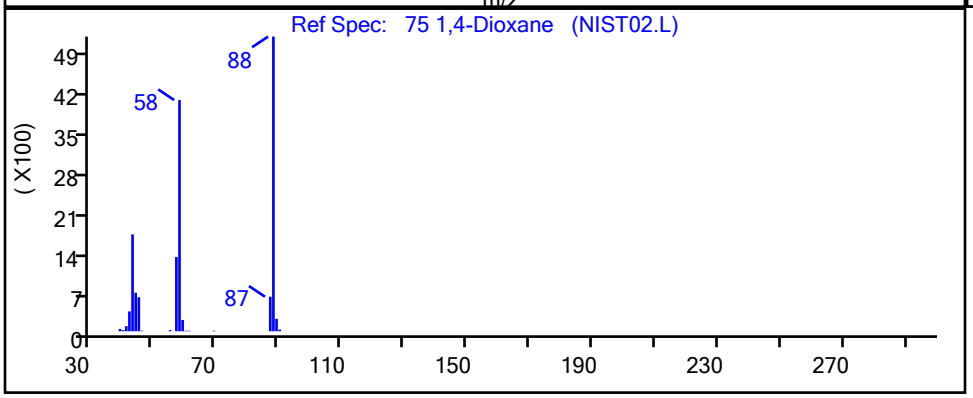
Processing Results











RT	Mass	Response	Amount
5.77	88.00	236	11.701719
5.79	58.00	756	

Reviewer: W9CM, 11-May-2024 13:24:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

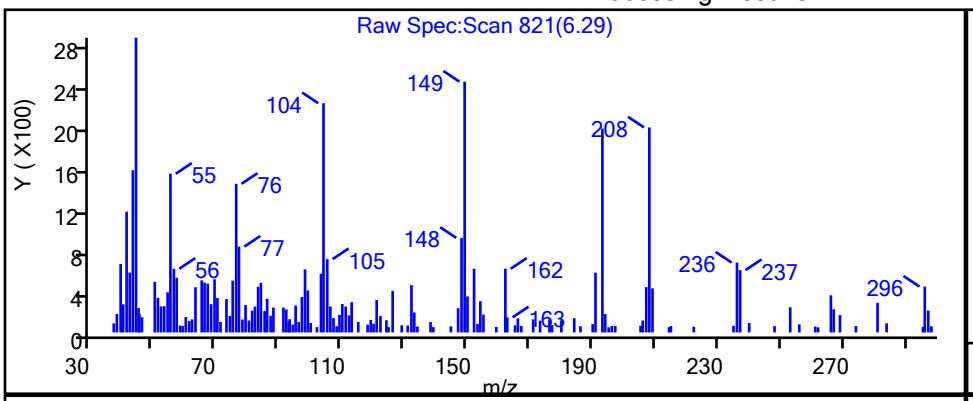
User Disabled Compound Report

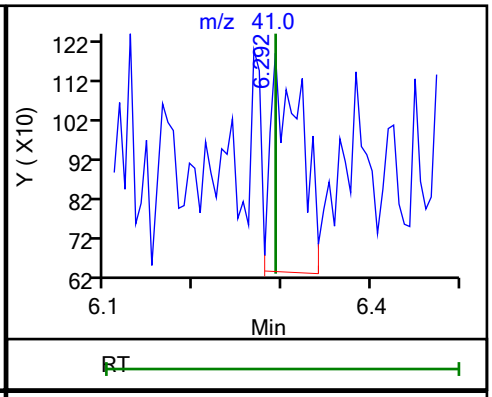
Eurofins Edison

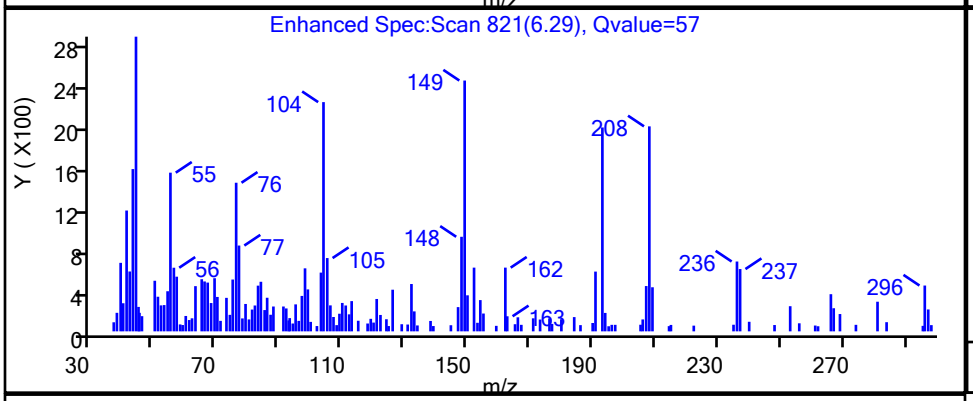
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

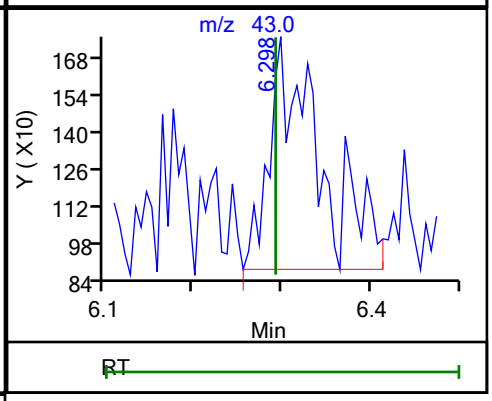
78 2-Nitropropane, CAS: 79-46-9

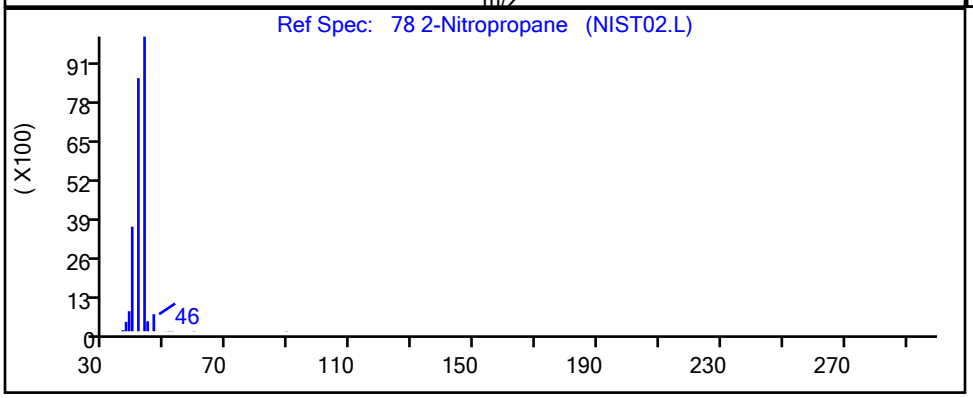
Processing Results











RT	Mass	Response	Amount
6.29	41.00	1334	3.389839
6.30	43.00	3560	

Reviewer: W9CM, 11-May-2024 13:51:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

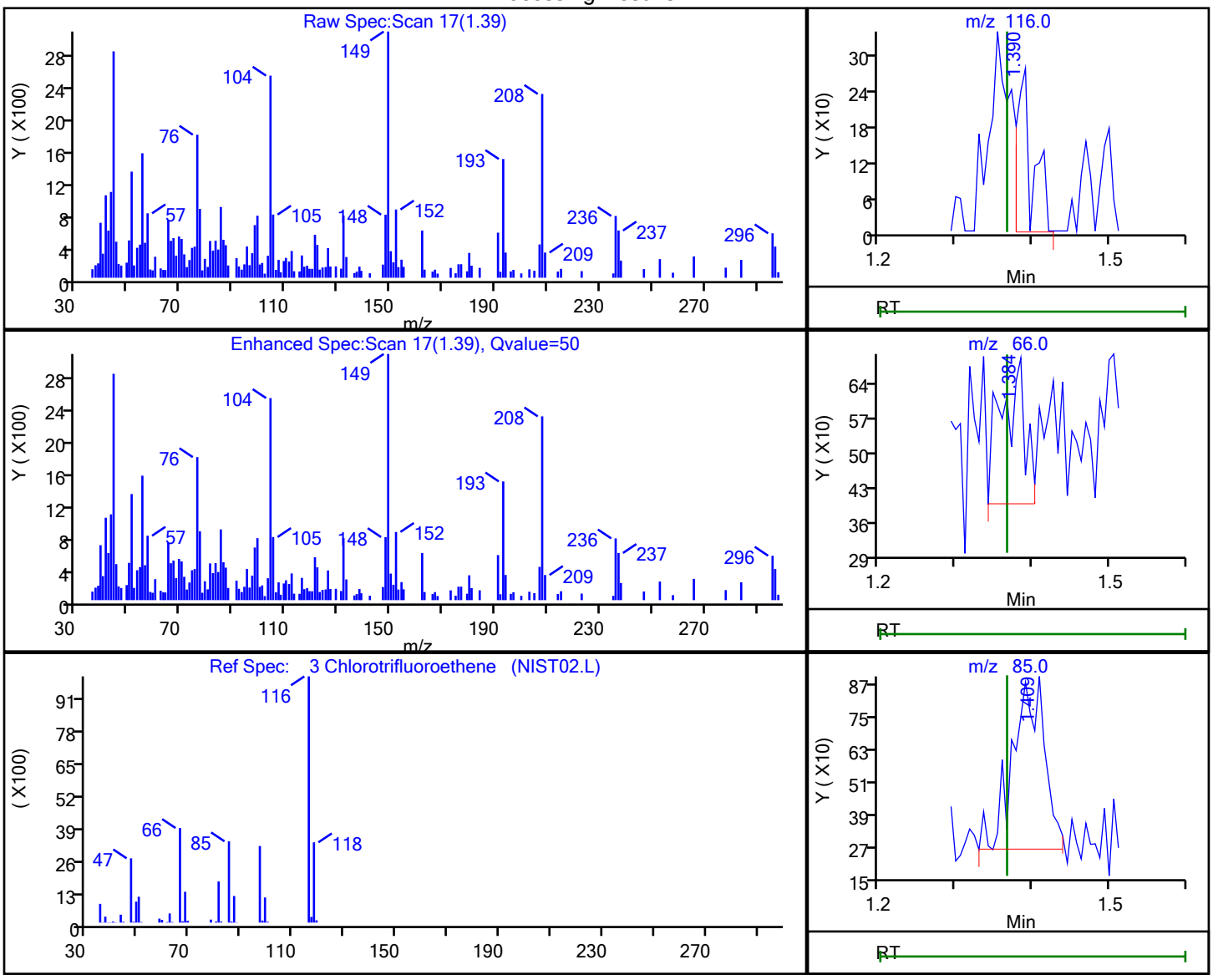
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.39	116.00	384	0.336747
1.38	66.00	636	
1.41	85.00	1846	
1.40	118.00	178	

Reviewer: W9CM, 11-May-2024 13:18:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

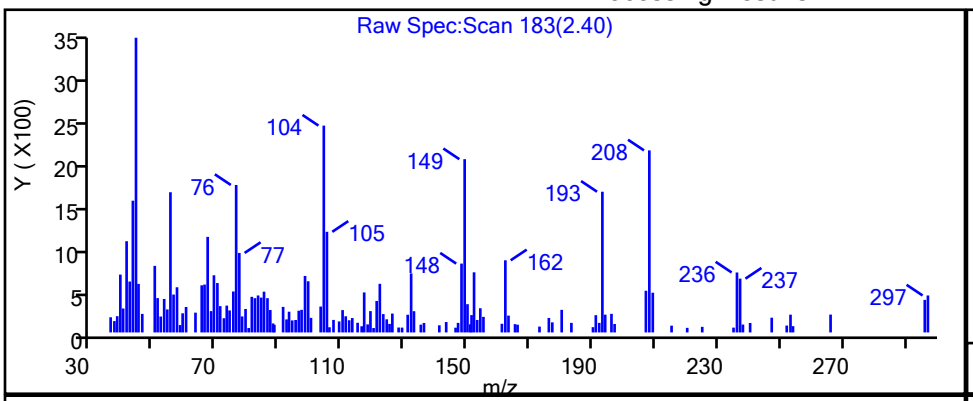
User Disabled Compound Report

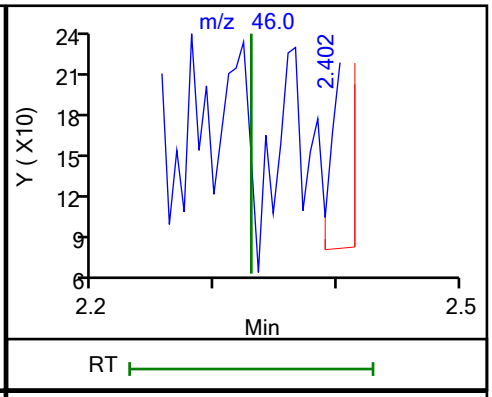
Eurofins Edison

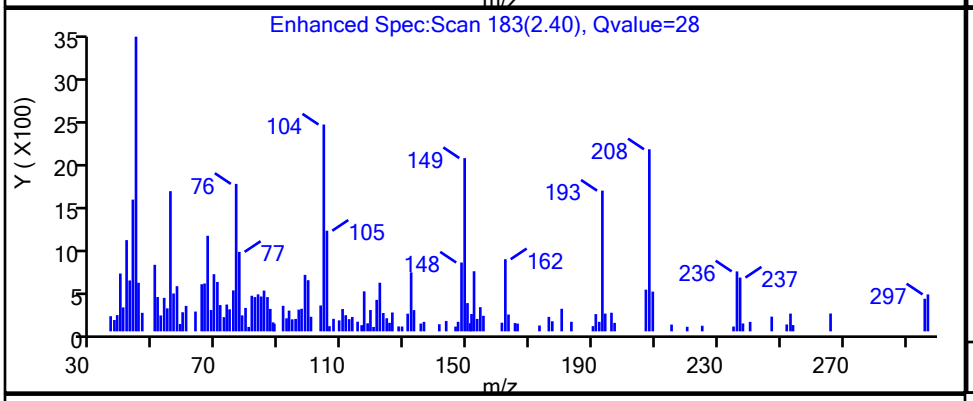
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

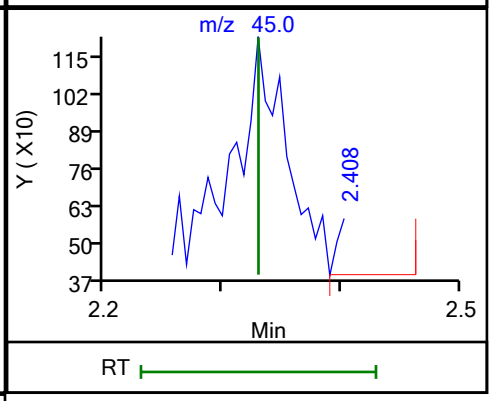
14 Ethanol, CAS: 64-17-5

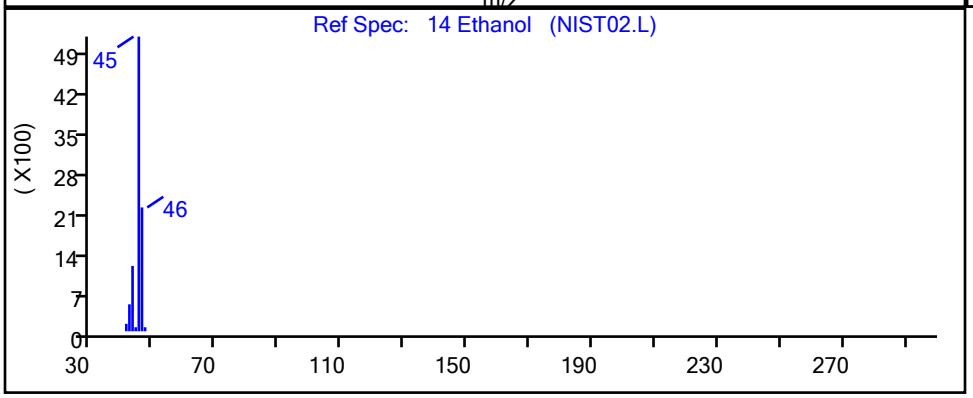
Processing Results











RT	Mass	Response	Amount
2.40	46.00	134	15.581155
2.41	45.00	535	

Reviewer: W9CM, 11-May-2024 13:19:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

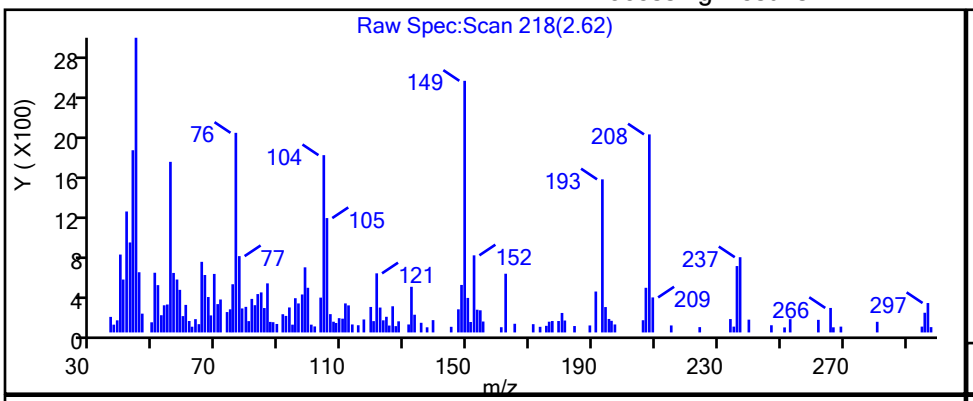
User Disabled Compound Report

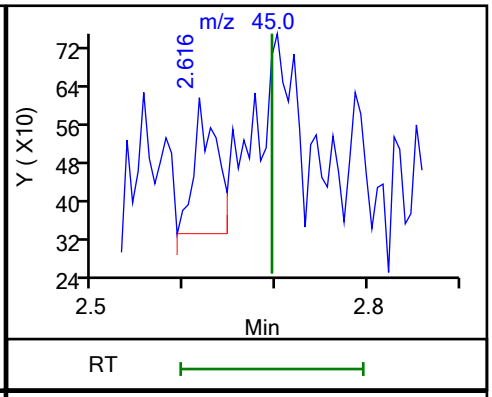
Eurofins Edison

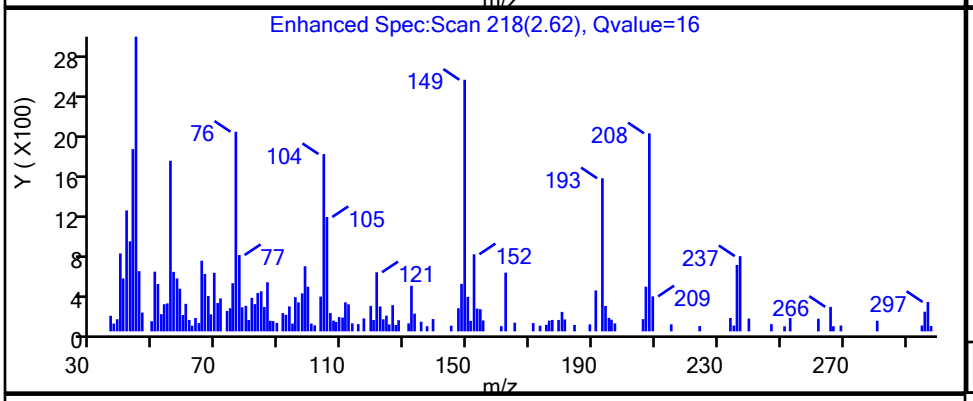
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80100.D
Injection Date: 09-May-2024 08:49:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

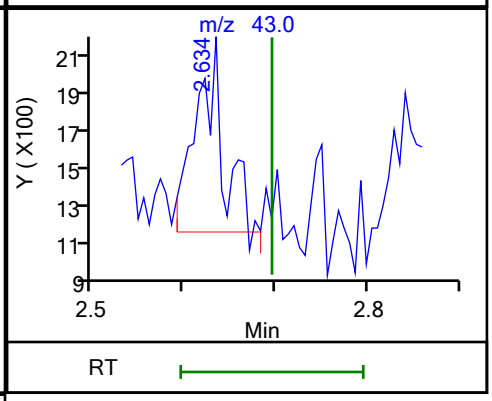
25 Isopropyl alcohol, CAS: 67-63-0

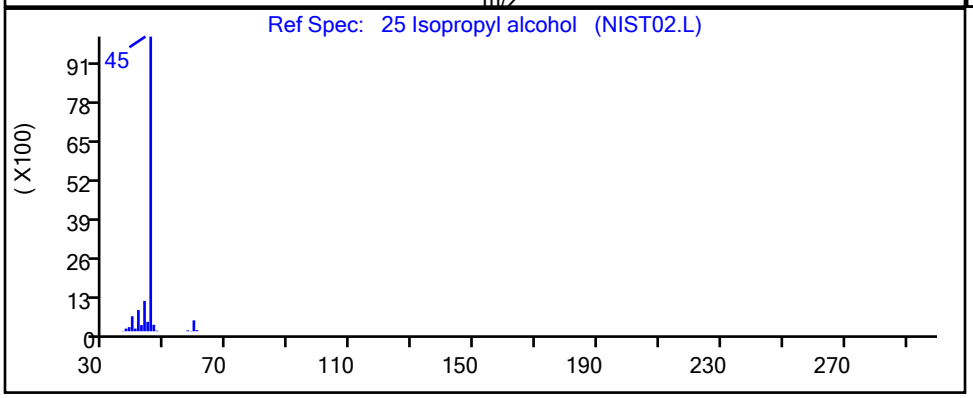
Processing Results











RT	Mass	Response	Amount
2.62	45.00	492	4.736410
2.63	43.00	2086	

Reviewer: W9CM, 11-May-2024 13:20:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 09-May-2024 09:08:30 ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0175641-005
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:56:36 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 09:59:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.366	1.366	0.000	50	1788	1.00	1.20	a
2 1,1-Difluoroethane	65	1.384	1.366	0.018	53	1627	1.00	0.7594	M
4 Dichlorodifluoromethane	85	1.403	1.391	0.012	48	3952	1.00	0.8587	
5 Chlorodifluoromethane	67	1.421	1.409	0.012	86	580	1.00	0.8046	M
6 Chloromethane	50	1.561	1.549	0.012	97	4087	1.00	0.9185	
7 Vinyl chloride	62	1.653	1.641	0.012	94	3525	1.00	0.8556	
8 Butadiene	54	1.653	1.641	0.012	81	3322	1.00	0.8614	
9 Bromomethane	94	1.909	1.897	0.012	37	2564	1.00	0.9804	
10 Chloroethane	64	1.976	1.964	0.012	42	1999	1.00	0.8691	
11 Dichlorofluoromethane	67	2.140	2.134	0.006	95	6762	1.00	0.9009	
12 Trichlorofluoromethane	101	2.134	2.140	-0.006	68	4922	1.00	0.9868	
13 Pentane	72	2.177	2.159	0.018	97	1671	2.00	2.44	
14 Ethanol	46	2.329	2.329	0.000	39	654	40.0	64.0	
15 Ethyl ether	74	2.348	2.336	0.012	66	2386	1.00	1.25	M
16 2-Methyl-1,3-butadiene	53	2.378	2.360	0.018	92	3932	1.00	1.13	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.415	2.390	0.025	69	3664	1.00	1.04	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.457	-0.006	86	5102	1.00	0.9350	
19 Acrolein	56	2.506	2.500	0.006	63	1968	4.00	4.79	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.530	2.525	0.005	87	3848	1.00	1.09	
21 1,1-Dichloroethene	96	2.549	2.537	0.012	93	3130	1.00	0.8798	
22 Acetone	43	2.622	2.616	0.006	52	2991	5.00	4.98	M
23 Iodomethane	142	2.689	2.683	0.006	96	6178	1.00	0.9403	
25 Isopropyl alcohol	45	2.707	2.695	0.012	27	1367	10.0	12.4	a
24 Carbon disulfide	76	2.719	2.714	0.005	98	14088	1.00	1.03	
26 3-Chloro-1-propene	76	2.848	2.835	0.013	90	2583	1.00	1.07	M
27 Methyl acetate	43	2.854	2.848	0.006	75	3484	2.00	2.39	
28 Cyclopentene	67	2.866	2.860	0.006	87	9030	1.00	1.11	
29 Acetonitrile	41	2.902	2.902	0.000	66	1930	10.0	7.92	Ma
* 31 TBA-d9 (IS)	66	2.957	2.951	0.006	0	28028	1000.0	1000.0	
30 Methylene Chloride	84	2.963	2.957	0.006	33	3928	1.00	0.9870	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.030	3.012	0.018	28	1926	10.0	10.8	M
33 Methyl tert-butyl ether	73	3.128	3.110	0.018	74	7899	1.00	0.9390	
34 trans-1,2-Dichloroethene	96	3.146	3.140	0.006	97	4083	1.00	1.02	
35 Acrylonitrile	53	3.213	3.201	0.012	95	7199	10.0	9.36	
36 Hexane	57	3.299	3.293	0.006	91	5675	1.00	1.13	
37 Isopropyl ether	45	3.506	3.488	0.018	86	12882	1.00	1.07	
38 1,1-Dichloroethane	63	3.524	3.518	0.006	97	6191	1.00	0.9259	
39 Vinyl acetate	86	3.530	3.524	0.006	99	1026	2.00	2.07	M
40 2-Chloro-1,3-butadiene	88	3.567	3.567	0.000	88	3679	1.00	1.10	
41 Tert-butyl ethyl ether	59	3.805	3.793	0.012	89	9802	1.00	0.9395	
* 42 2-Butanone-d5	46	3.988	3.982	0.006	0	177898	250.0	250.0	
43 2,2-Dichloropropane	97	4.012	4.006	0.006	46	1561	1.00	1.11	M
44 cis-1,2-Dichloroethene	96	4.030	4.024	0.006	97	4340	1.00	1.04	
45 2-Butanone (MEK)	72	4.042	4.030	0.012	96	1274	5.00	5.68	
46 Ethyl acetate	70	4.042	4.036	0.006	88	598	2.00	2.41	
47 Methyl acrylate	55	4.109	4.085	0.024	66	1389	1.00	0.7797	Ma
48 Propionitrile	54	4.170	4.164	0.006	56	2974	10.0	12.0	a
50 Tetrahydrofuran	72	4.237	4.232	0.005	46	643	2.00	2.58	M
49 Chlorobromomethane	128	4.250	4.238	0.012	85	1918	1.00	1.10	
51 Methacrylonitrile	67	4.268	4.262	0.006	93	7903	10.0	9.59	
52 Chloroform	83	4.298	4.292	0.006	97	6132	1.00	1.01	
53 Cyclohexane	84	4.433	4.427	0.006	31	6164	1.00	1.13	a
54 1,1,1-Trichloroethane	97	4.445	4.433	0.012	36	5015	1.00	0.9596	
$ 55 Dibromofluoromethane (Surr)	113	4.451	4.445	0.006	97	155052	50.0	50.2	
56 Carbon tetrachloride	117	4.554	4.555	-0.001	95	4972	1.00	1.08	
57 1,1-Dichloropropene	75	4.579	4.579	0.000	95	4834	1.00	0.9826	
58 Isobutyl alcohol	43	4.701	4.695	0.006	69	2346	25.0	30.0	
59 Isooctane	57	4.743	4.744	-0.001	97	13049	1.00	1.04	
60 Benzene	78	4.774	4.774	0.000	95	13960	1.00	0.9634	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.792	4.786	0.006	0	144362	50.0	48.7	
63 Isopropyl acetate	61	4.823	4.835	-0.012	76	1591	1.00	1.17	Ma
62 Tert-amyl methyl ether	73	4.835	4.835	0.000	87	7978	1.00	0.8974	a
64 1,2-Dichloroethane	62	4.859	4.859	0.000	95	4085	1.00	1.14	
65 n-Heptane	100	4.939	4.926	0.013	91	1410	1.00	1.01	
* 66 Fluorobenzene	96	5.060	5.055	0.005	99	633909	50.0	50.0	
67 n-Butanol	56	5.353	5.347	0.006	53	1797	25.0	42.1	
68 Trichloroethene	95	5.408	5.402	0.006	92	3759	1.00	1.03	
69 Methylcyclohexane	83	5.530	5.524	0.006	86	7578	1.00	1.20	M
70 Ethyl acrylate	99	5.530	5.530	0.000	86	848	1.00	2.47	
71 1,2-Dichloropropane	63	5.682	5.682	0.000	87	3868	1.00	1.05	
* 72 1,4-Dioxane-d8	96	5.737	5.731	0.006	0	18745	1000.0	1000.0	
73 Methyl methacrylate	100	5.762	5.762	0.000	87	1402	2.00	2.37	
75 1,4-Dioxane	88	5.804	5.786	0.018	32	1143	50.0	53.9	
74 Dibromomethane	93	5.816	5.810	0.006	92	1560	1.00	0.9644	
76 n-Propyl acetate	43	5.823	5.817	0.006	69	3255	1.00	1.16	
77 Dichlorobromomethane	83	5.969	5.957	0.012	95	4852	1.00	1.13	
79 2-Chloroethyl vinyl ether	63	6.298	6.292	0.006	66	1826	1.00	1.16	
78 2-Nitropropane	41	6.292	6.292	0.000	60	2223	2.00	5.27	M
80 Epichlorohydrin	57	6.402	6.396	0.006	95	3890	20.0	23.3	
81 cis-1,3-Dichloropropene	75	6.457	6.451	0.006	90	5315	1.00	0.9812	
82 4-Methyl-2-pentanone (MIBK)	58	6.627	6.621	0.006	95	3748	5.00	4.94	
$ 83 Toluene-d8 (Surr)	98	6.700	6.694	0.006	99	604854	50.0	49.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.774	6.774	0.000	92	16317	1.00	1.08	
85 trans-1,3-Dichloropropene	75	7.121	7.115	0.006	91	4024	1.00	0.9700	
86 Ethyl methacrylate	69	7.164	7.158	0.006	75	3730	1.00	1.08	
87 1,1,2-Trichloroethane	83	7.341	7.328	0.013	56	1601	1.00	0.8155	
88 Tetrachloroethene	166	7.371	7.377	-0.006	93	3715	1.00	1.01	
89 1,3-Dichloropropane	76	7.542	7.542	0.000	93	3742	1.00	0.9591	
90 2-Hexanone	43	7.603	7.603	0.000	98	6141	5.00	5.34	
91 n-Butyl acetate	43	7.725	7.725	0.000	95	3692	1.00	1.12	
92 Chlorodibromomethane	129	7.767	7.761	0.006	95	3019	1.00	1.08	
93 Ethylene Dibromide	107	7.920	7.914	0.006	97	2529	1.00	1.14	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	85	454294	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	97	7991	1.00	0.8903	
96 Ethylbenzene	106	8.609	8.603	0.006	98	4852	1.00	0.9548	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	89	3925	1.00	1.11	
98 m-Xylene & p-Xylene	106	8.761	8.767	-0.006	0	5845	1.00	0.9345	
100 n-Butyl acrylate	73	9.273	9.273	0.000	65	2083	1.00	1.00	
99 o-Xylene	106	9.273	9.279	-0.006	92	6647	1.00	1.03	
101 Styrene	104	9.310	9.310	0.000	97	10798	1.00	1.06	
103 Amyl acetate (mixed isomers)	43	9.547	9.548	-0.001	94	4543	1.00	1.03	
102 Bromoform	173	9.560	9.548	0.012	61	1769	1.00	1.04	
104 Isopropylbenzene	105	9.706	9.700	0.006	95	15092	1.00	1.02	
$ 105 4-Bromofluorobenzene	174	9.925	9.919	0.006	94	184695	50.0	49.3	
106 Bromobenzene	156	10.066	10.066	0.000	96	3801	1.00	1.00	
107 1,1,2,2-Tetrachloroethane	83	10.127	10.127	0.000	92	2530	1.00	0.9732	
108 N-Propylbenzene	91	10.151	10.157	-0.006	99	18302	1.00	0.9711	
109 1,2,3-Trichloropropane	110	10.169	10.175	-0.006	67	994	1.00	1.39	
110 trans-1,4-Dichloro-2-butene	53	10.194	10.200	-0.006	56	466	1.00	0.7889	
111 2-Chlorotoluene	91	10.261	10.261	0.000	98	12918	1.00	0.99	
112 4-Ethyltoluene	105	10.279	10.279	0.000	98	15027	1.00	0.9614	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	91	12504	1.00	0.9425	
114 4-Chlorotoluene	91	10.389	10.383	0.006	97	11263	1.00	0.9663	
115 Butyl Methacrylate	87	10.468	10.468	0.000	90	4261	1.00	0.9265	
116 tert-Butylbenzene	119	10.657	10.657	0.000	90	9584	1.00	0.8840	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	97	13737	1.00	1.00	
118 sec-Butylbenzene	105	10.870	10.870	0.000	99	17440	1.00	1.02	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	94	7518	1.00	1.02	
120 4-Isopropyltoluene	119	11.011	11.011	0.000	98	14614	1.00	1.00	
* 121 1,4-Dichlorobenzene-d4	152	11.072	11.072	0.000	95	231796	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.096	11.090	0.006	91	6672	1.00	0.9345	
123 1,2,3-Trimethylbenzene	105	11.114	11.114	0.000	98	14183	1.00	0.99	
124 Benzyl chloride	91	11.230	11.230	0.000	97	5620	1.00	1.02	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	95	12870	1.00	1.00	
126 p-Diethylbenzene	119	11.358	11.358	0.000	92	9154	1.00	0.99	
127 n-Butylbenzene	92	11.376	11.376	0.000	98	7616	1.00	0.9786	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	95	6870	1.00	1.01	
129 1,2,4,5-Tetramethylbenzene	119	12.023	12.023	0.000	96	13006	1.00	0.9418	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	38	436	1.00	1.05	
131 1,3,5-Trichlorobenzene	180	12.218	12.218	0.000	95	5925	1.00	0.9347	
132 1,2,4-Trichlorobenzene	180	12.718	12.718	0.000	90	5455	1.00	1.06	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	93	3206	1.00	0.9823	
134 Naphthalene	128	12.907	12.907	0.000	98	7308	1.00	0.9783	
135 1,2,3-Trichlorobenzene	180	13.089	13.090	-0.001	94	4505	1.00	1.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.07	
S 137 Xylenes, Total	100				0		2.00	1.96	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.95	
S 140 Total BTEX	1				0		5.00	4.96	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00018	Amount Added:	10.00	Units: uL	
ACROLEIN W_00169	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	10.00	Units: uL	
14DIOXINTER_00168	Amount Added:	30.00	Units: uL	
GASES Li_00582	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:56:37 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D

Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17

Lims ID: STD1

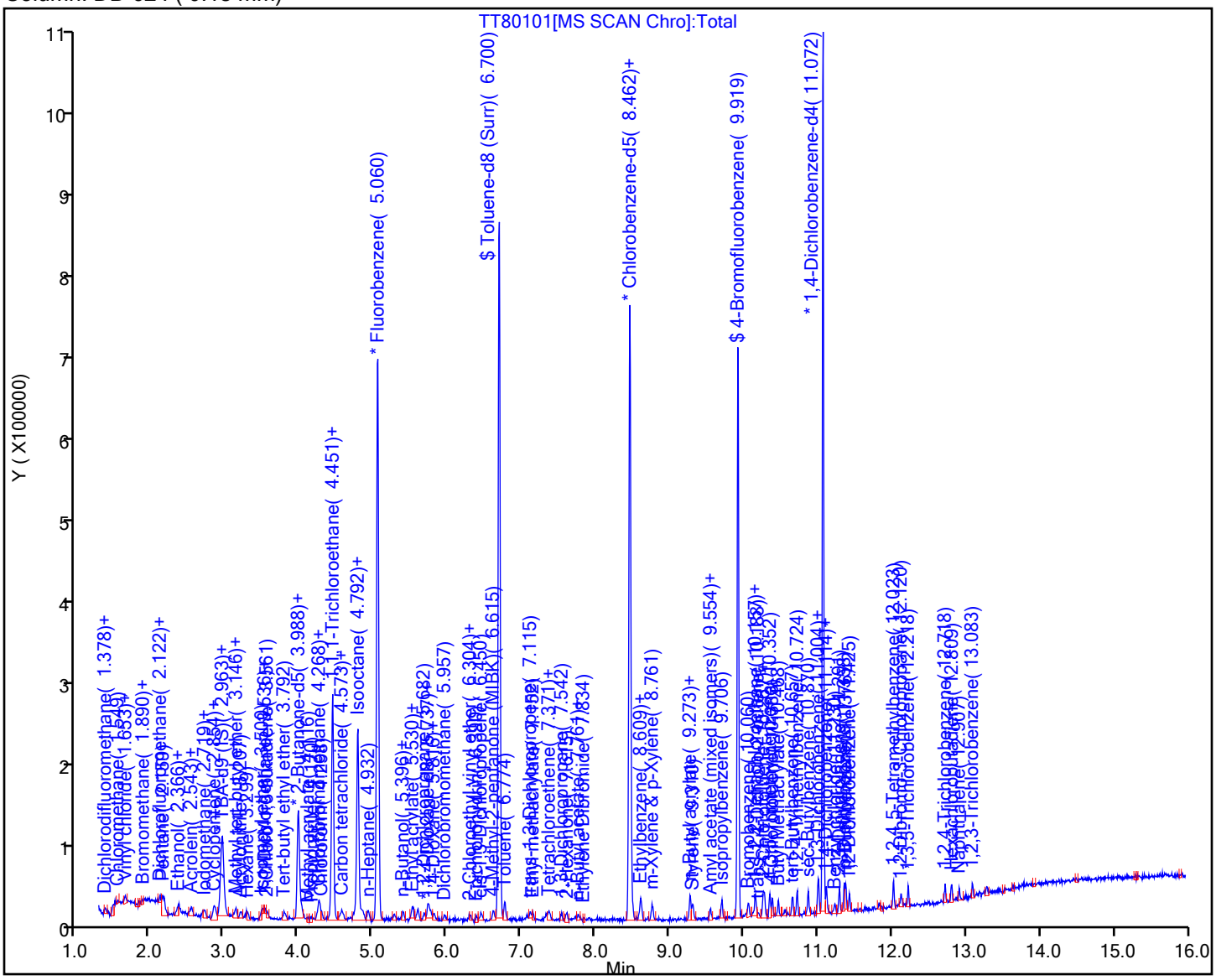
Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

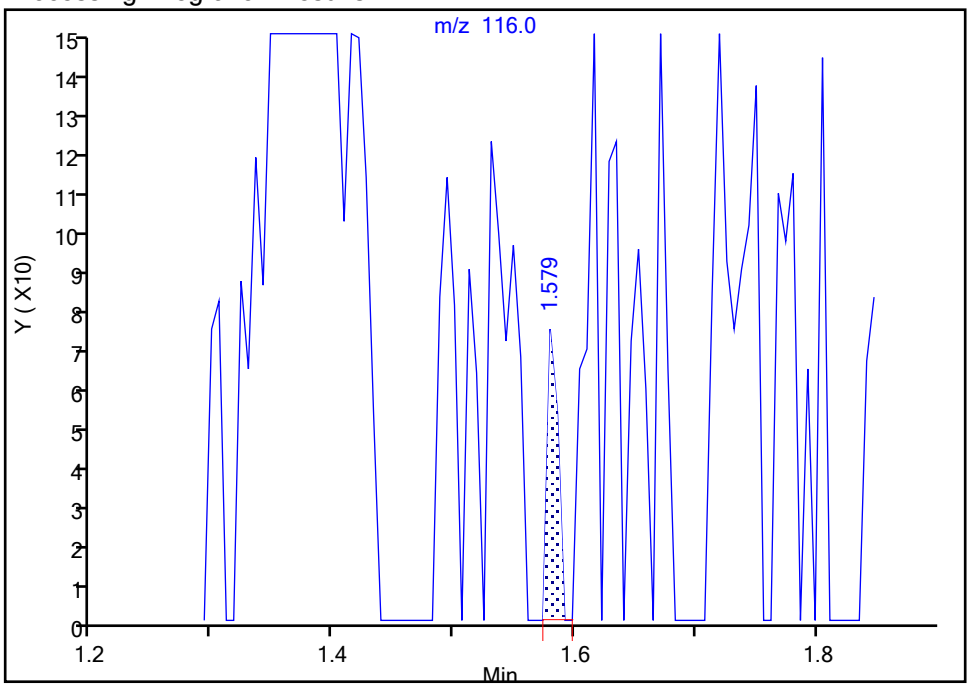
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

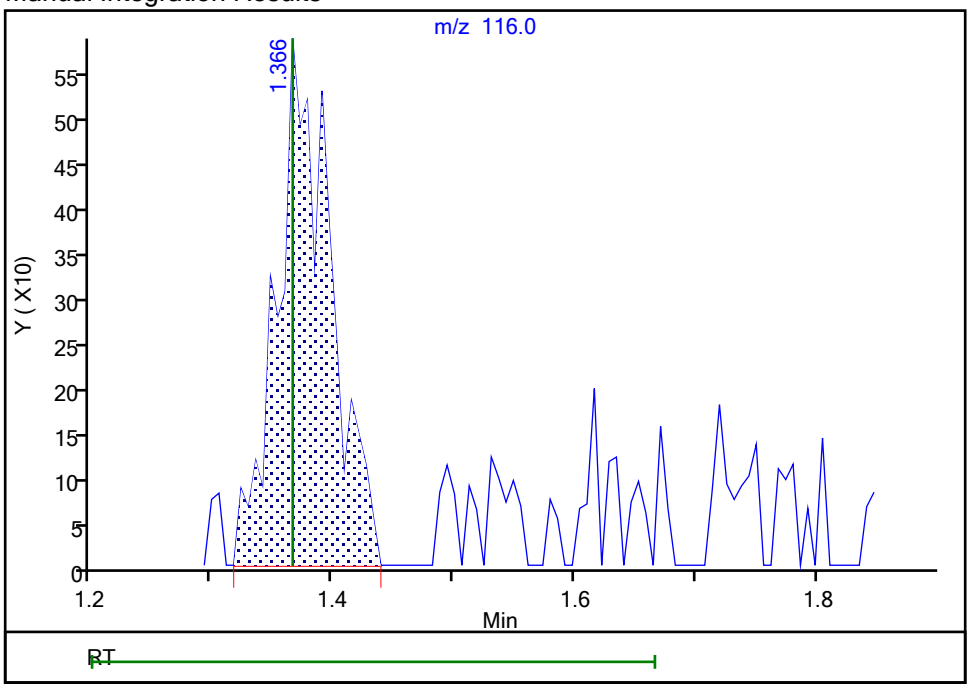
Processing Integration Results

RT: 1.58
Area: 46
Amount: 0.105800
Amount Units: ug/l



Manual Integration Results

RT: 1.37
Area: 1788
Amount: 1.200577
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 09:59:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

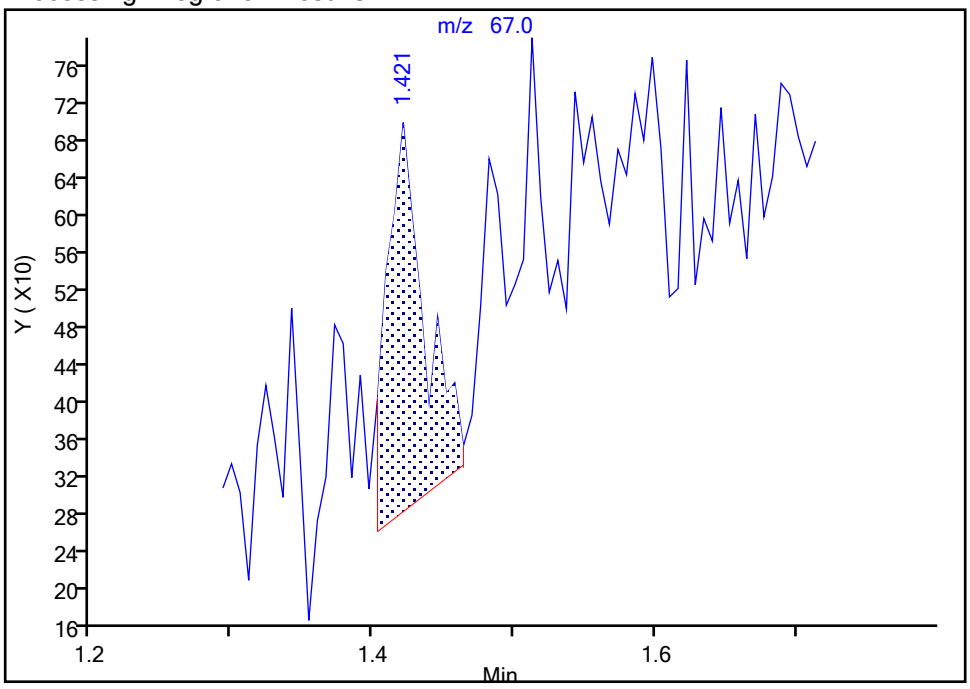
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

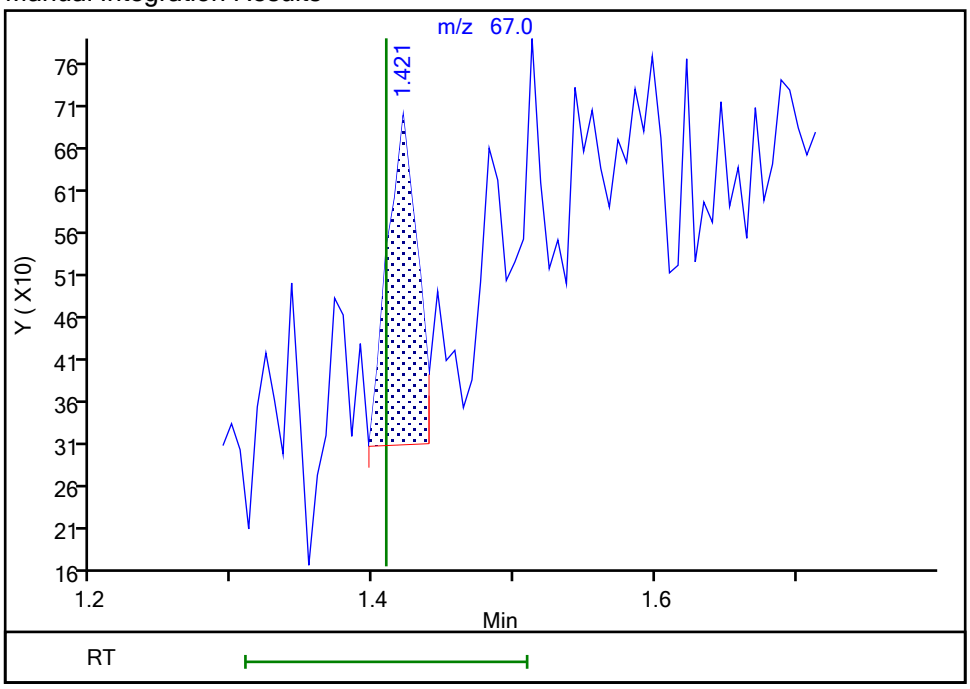
Processing Integration Results

RT: 1.42
Area: 790
Amount: 0.778681
Amount Units: ug/l



Manual Integration Results

RT: 1.42
Area: 580
Amount: 0.804630
Amount Units: ug/l



Reviewer: W9CM, 10-May-2024 20:49:21 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

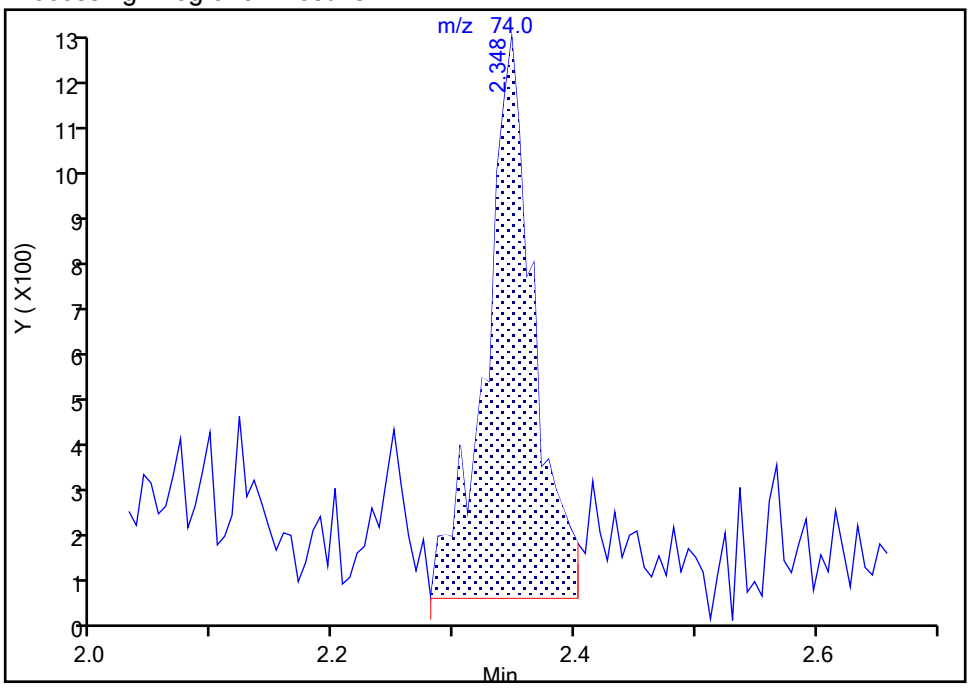
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

15 Ethyl ether, CAS: 60-29-7

Signal: 1

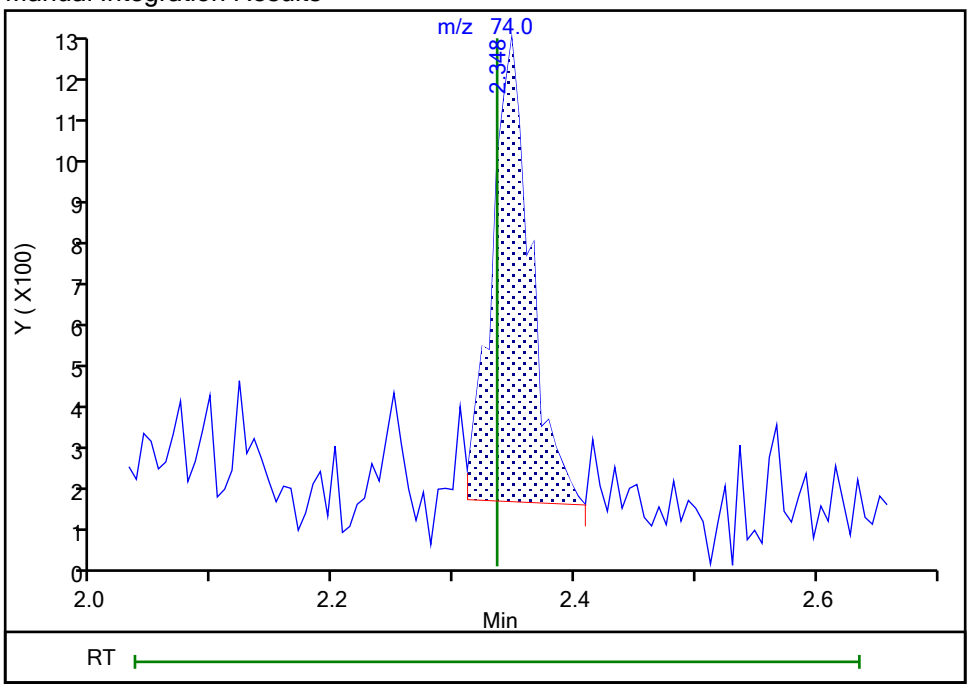
Processing Integration Results

RT: 2.35
Area: 3213
Amount: 1.917945
Amount Units: ug/l



Manual Integration Results

RT: 2.35
Area: 2386
Amount: 1.253922
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:37:33 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

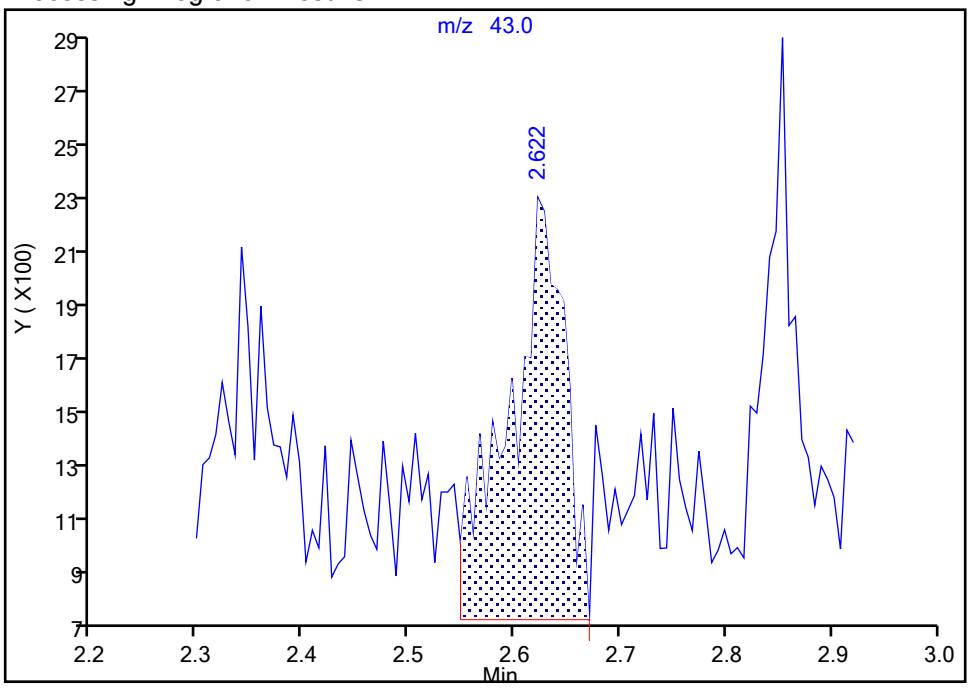
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Signal: 1

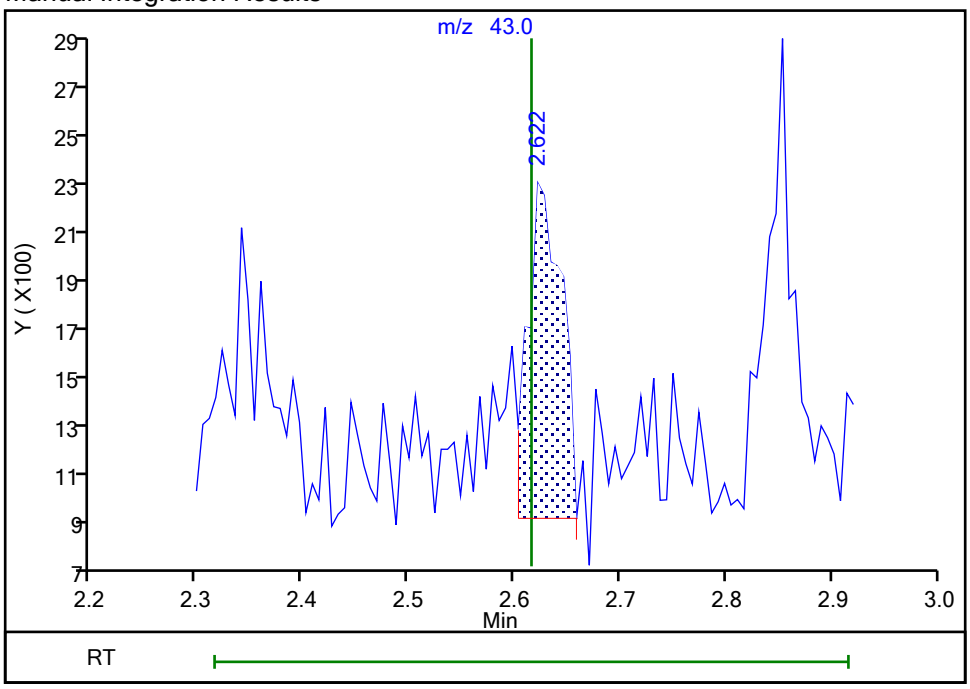
Processing Integration Results

RT: 2.62
Area: 5663
Amount: 12.619973
Amount Units: ug/l



Manual Integration Results

RT: 2.62
Area: 2991
Amount: 4.979043
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:54:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Other

Manual Integration/User Assign Peak Report

Eurofins Edison

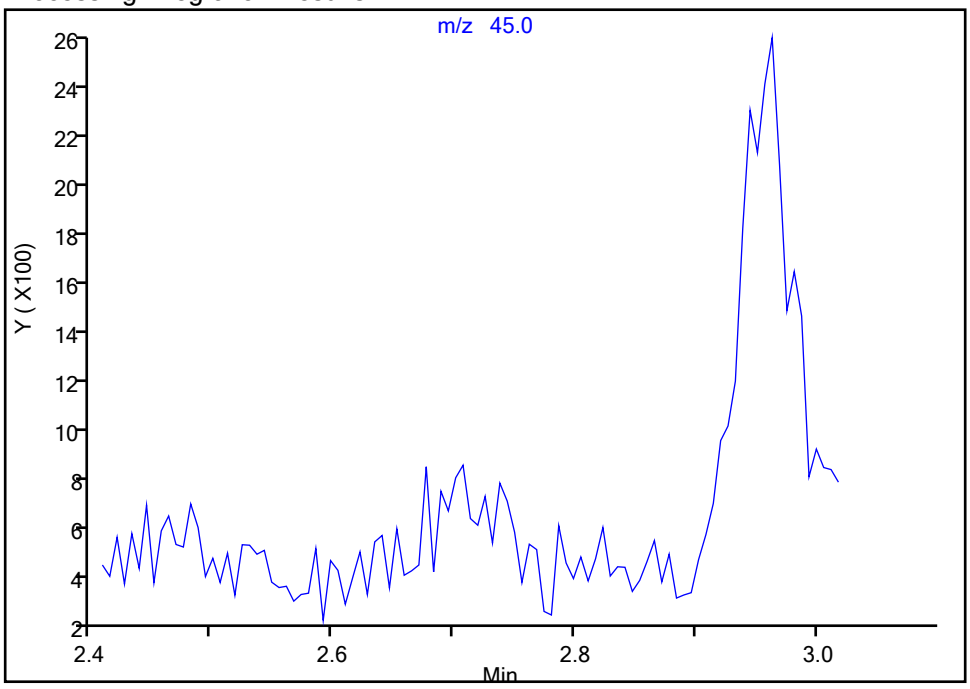
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

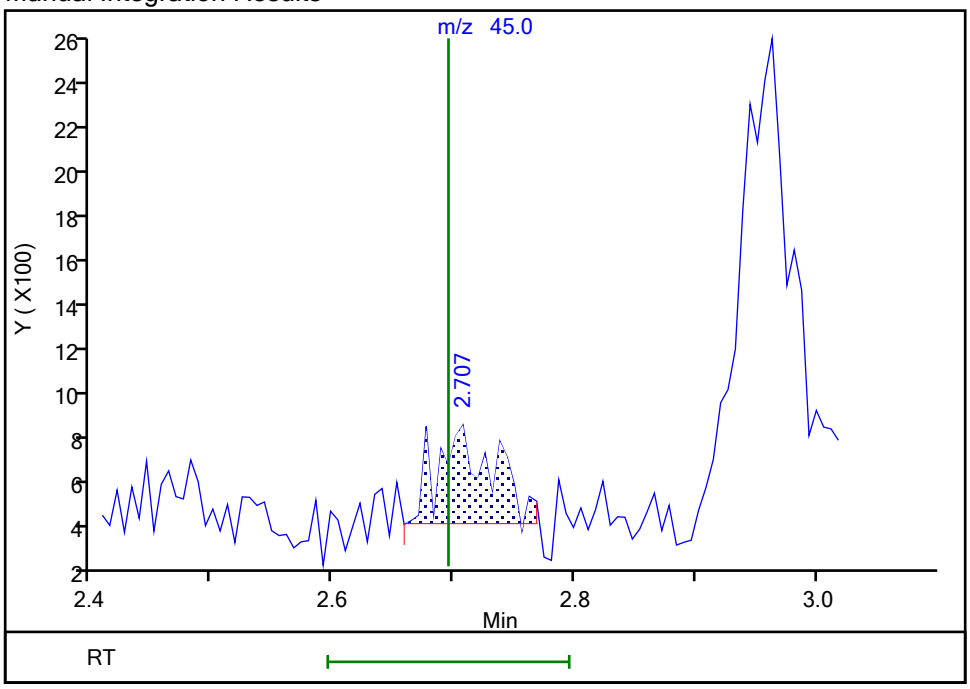
Not Detected
Expected RT: 2.70

Processing Integration Results



Manual Integration Results

RT: 2.71
Area: 1367
Amount: 12.399255
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 09:59:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

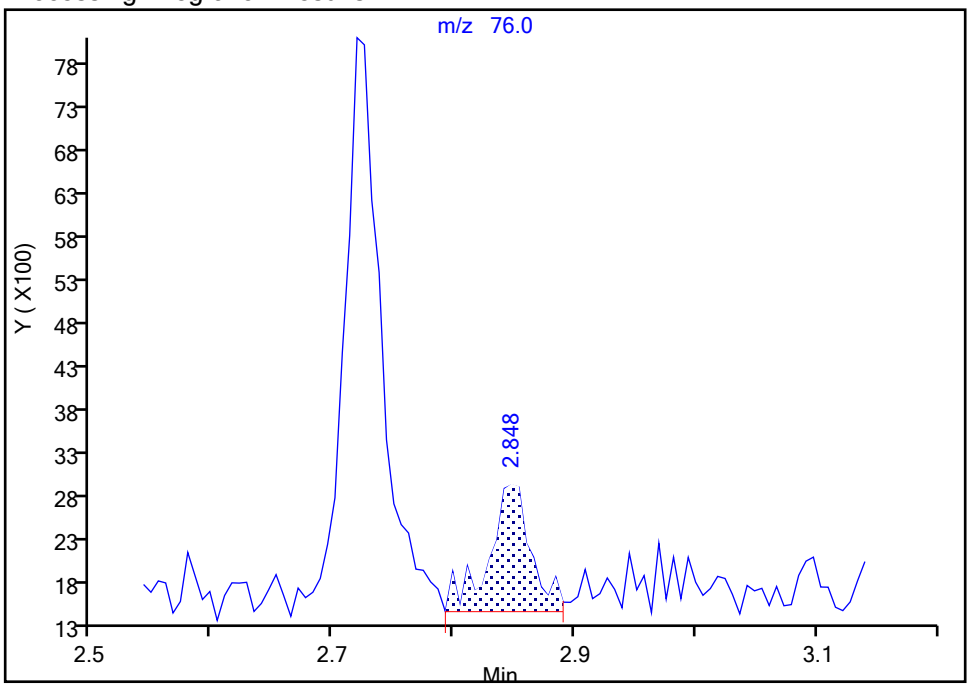
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

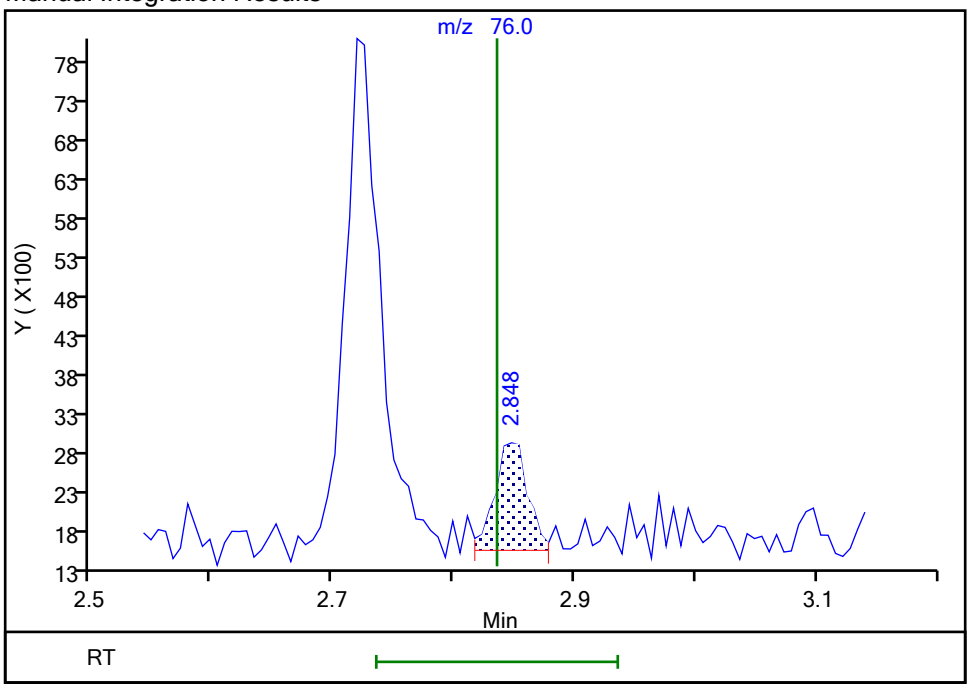
Processing Integration Results

RT: 2.85
Area: 3540
Amount: 1.659643
Amount Units: ug/l



Manual Integration Results

RT: 2.85
Area: 2583
Amount: 1.067228
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:39:03 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

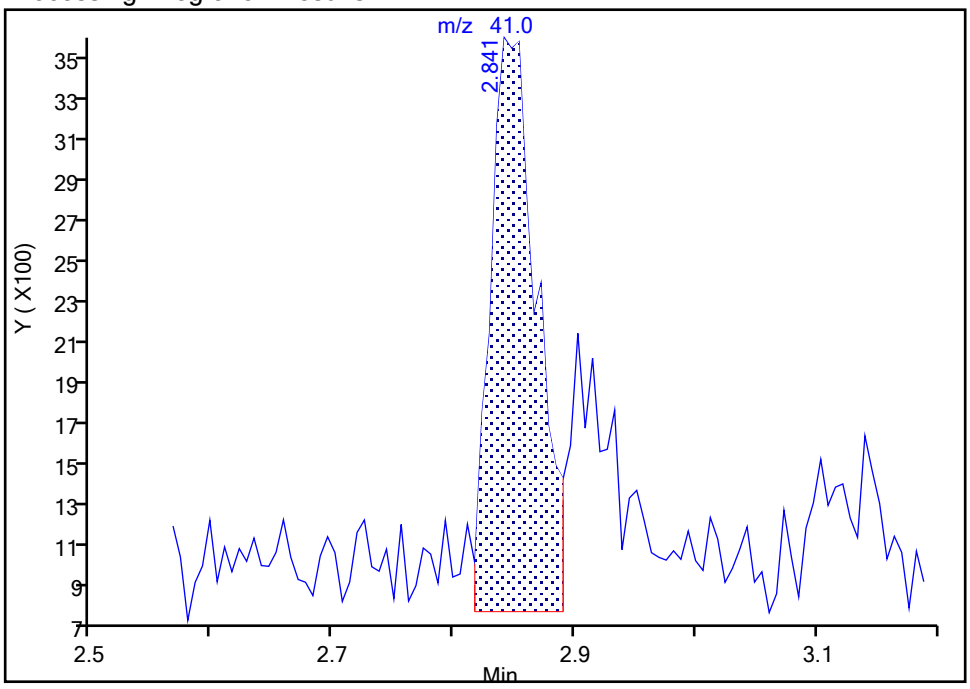
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

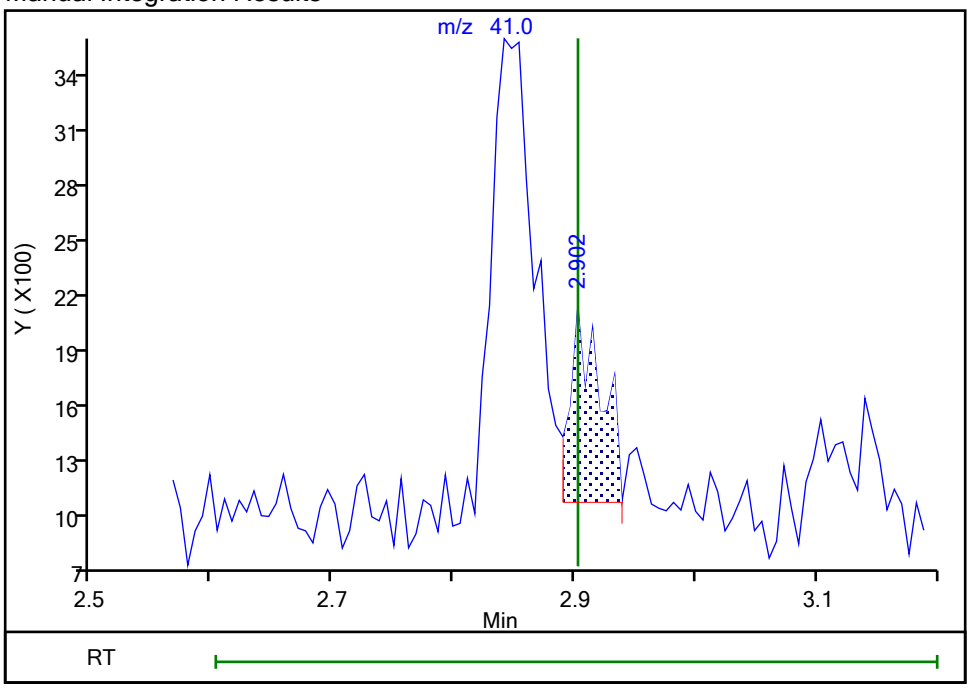
Processing Integration Results

RT: 2.84
Area: 7667
Amount: 17.172595
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 1930
Amount: 7.915999
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:50:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Eurofins Edison

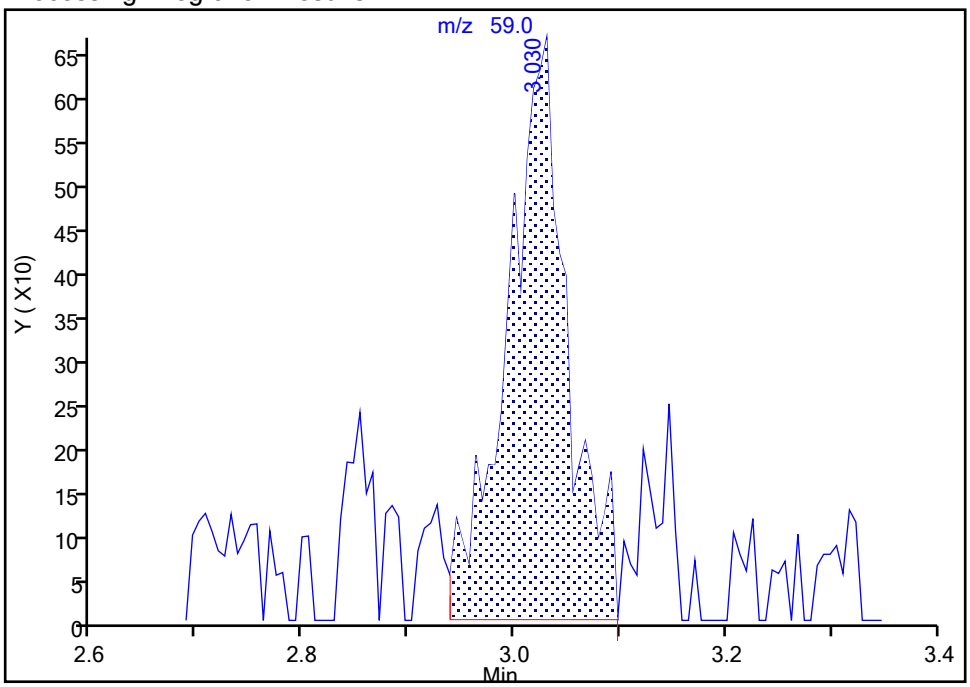
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

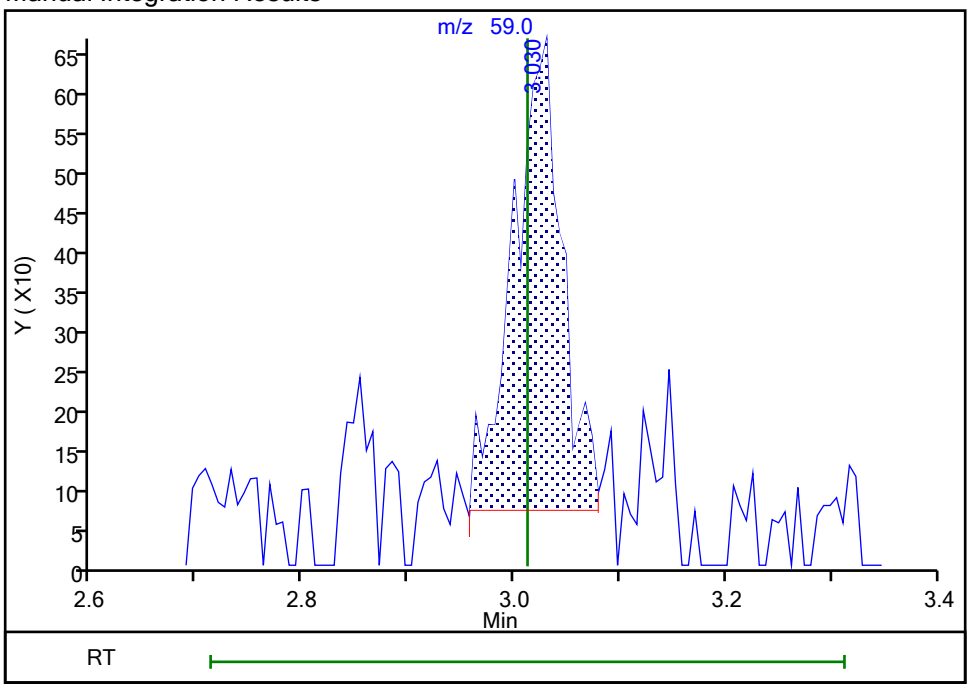
Processing Integration Results

RT: 3.03
Area: 2665
Amount: 13.889334
Amount Units: ug/l



Manual Integration Results

RT: 3.03
Area: 1926
Amount: 10.814085
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:08:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

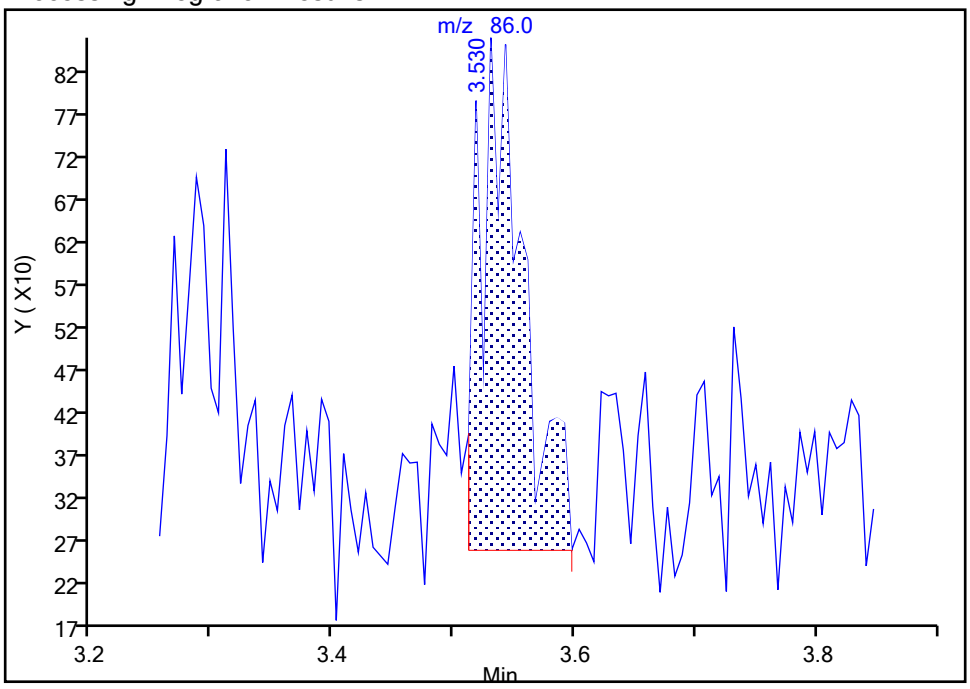
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

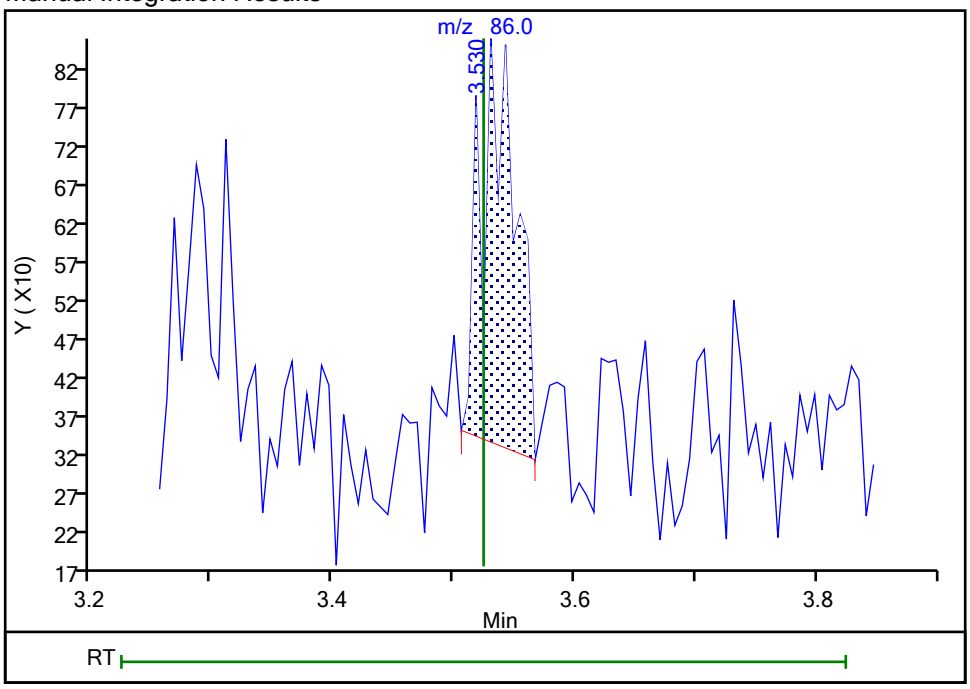
Processing Integration Results

RT: 3.53
Area: 1497
Amount: 2.823056
Amount Units: ug/l



Manual Integration Results

RT: 3.53
Area: 1026
Amount: 2.069342
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:10:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

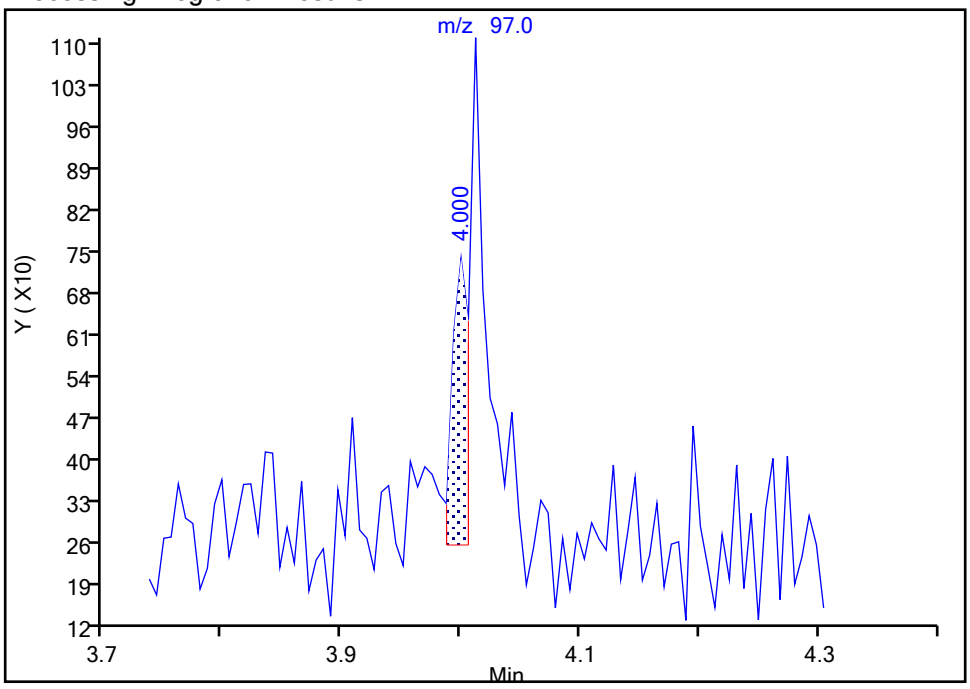
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

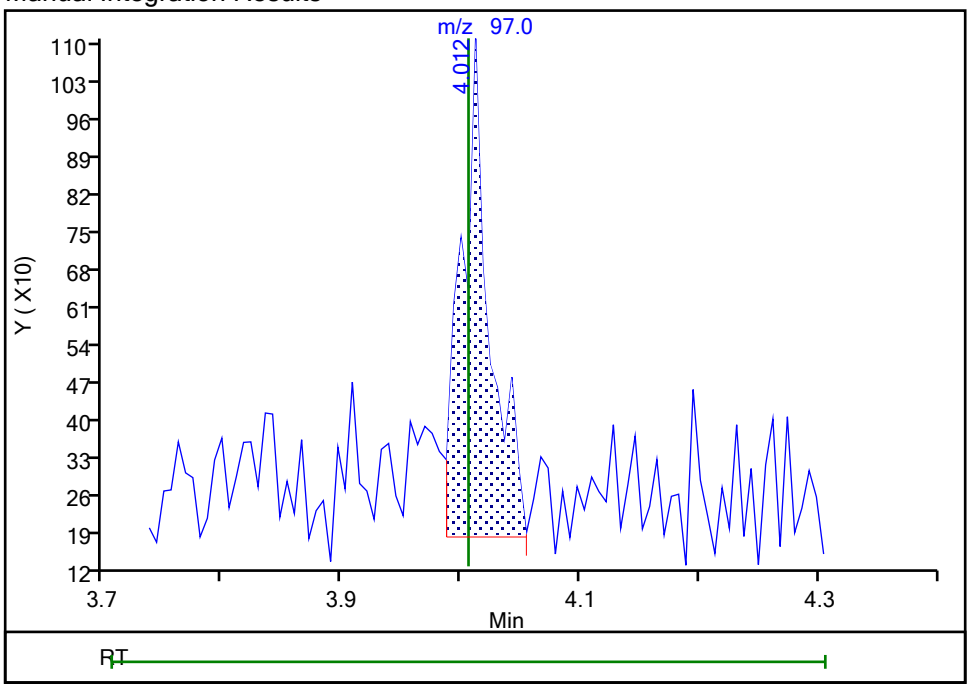
Processing Integration Results

RT: 4.00
Area: 476
Amount: 1.101610
Amount Units: ug/l



Manual Integration Results

RT: 4.01
Area: 1561
Amount: 1.106539
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:13:32 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

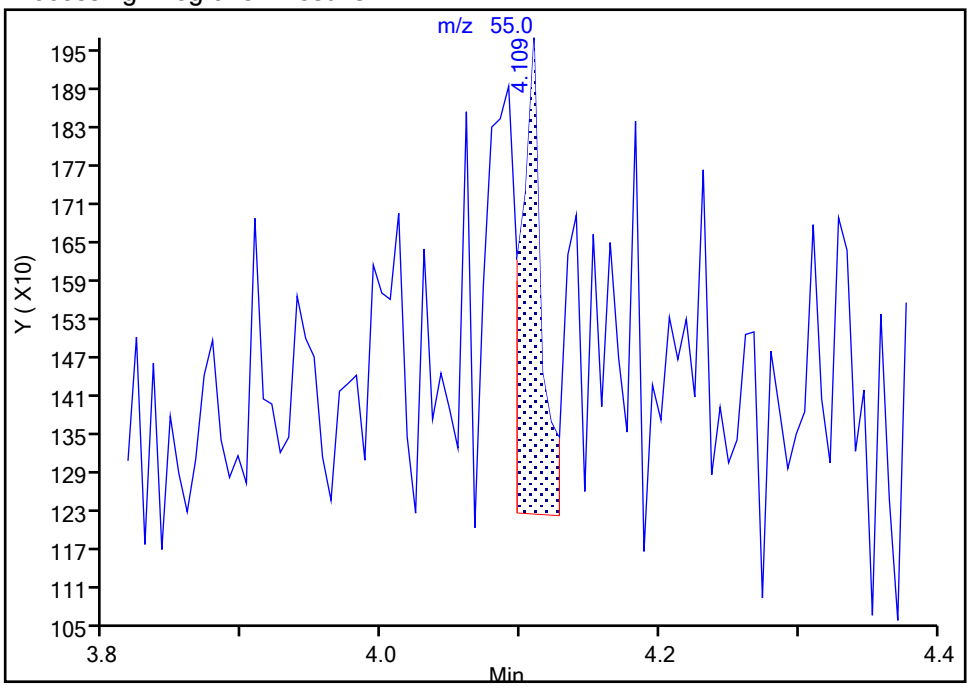
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

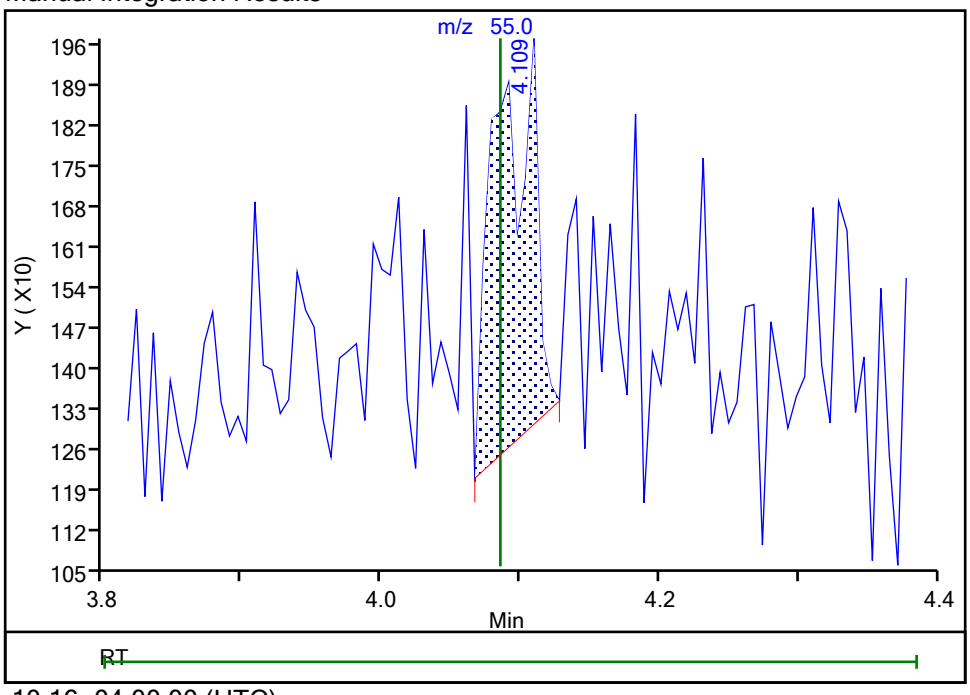
Processing Integration Results

RT: 4.11
Area: 783
Amount: 0.511295
Amount Units: ug/l



Manual Integration Results

RT: 4.11
Area: 1389
Amount: 0.779737
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:10:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

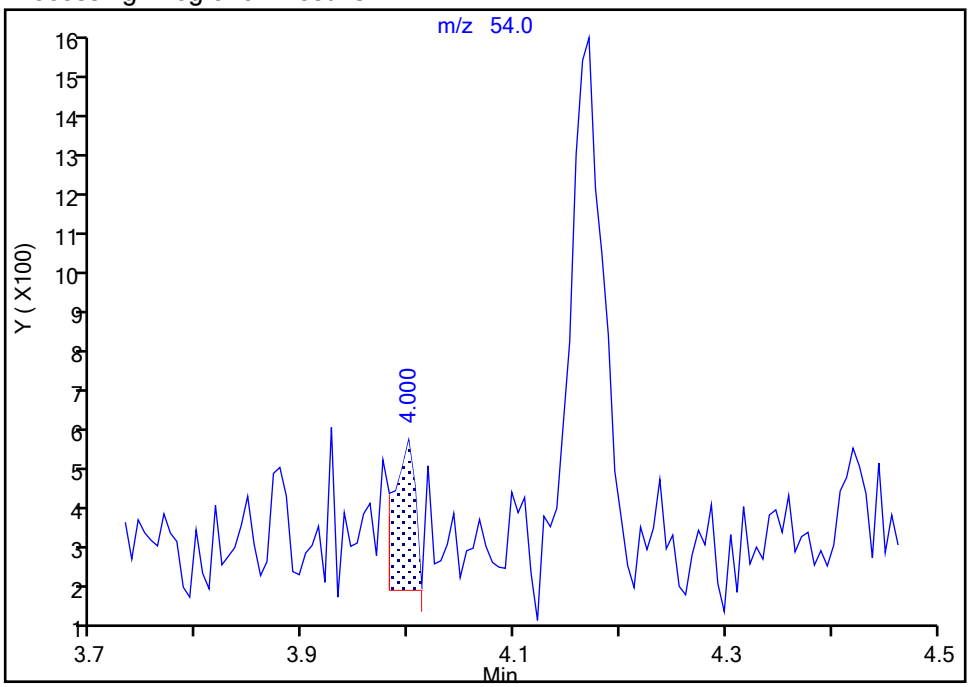
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Signal: 1

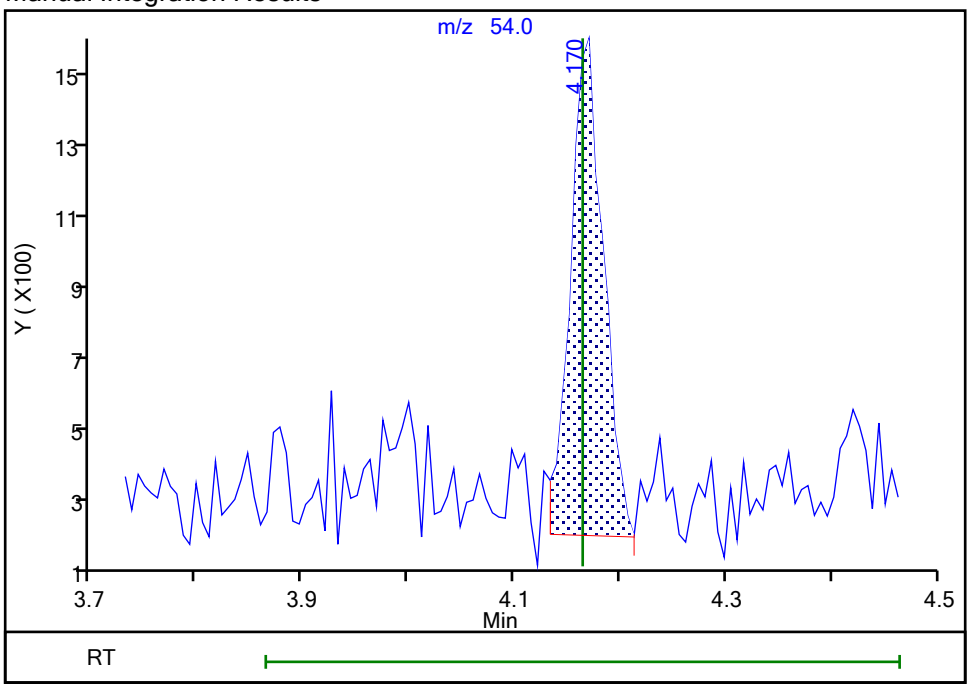
Processing Integration Results

RT: 4.00
Area: 518
Amount: 9.501592
Amount Units: ug/l



Manual Integration Results

RT: 4.17
Area: 2974
Amount: 12.029826
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 09:58:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

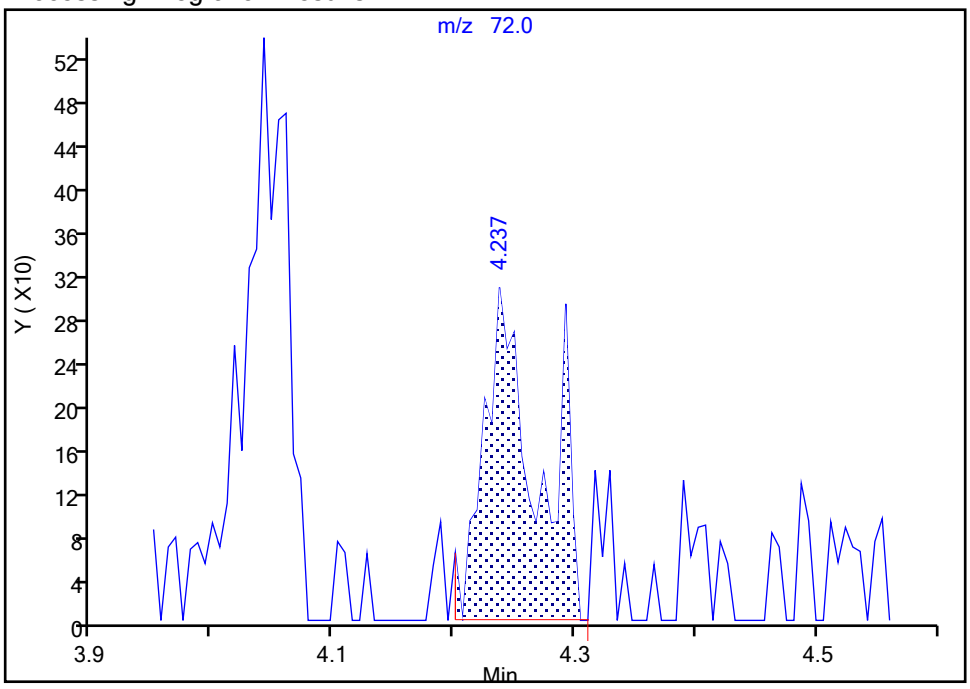
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

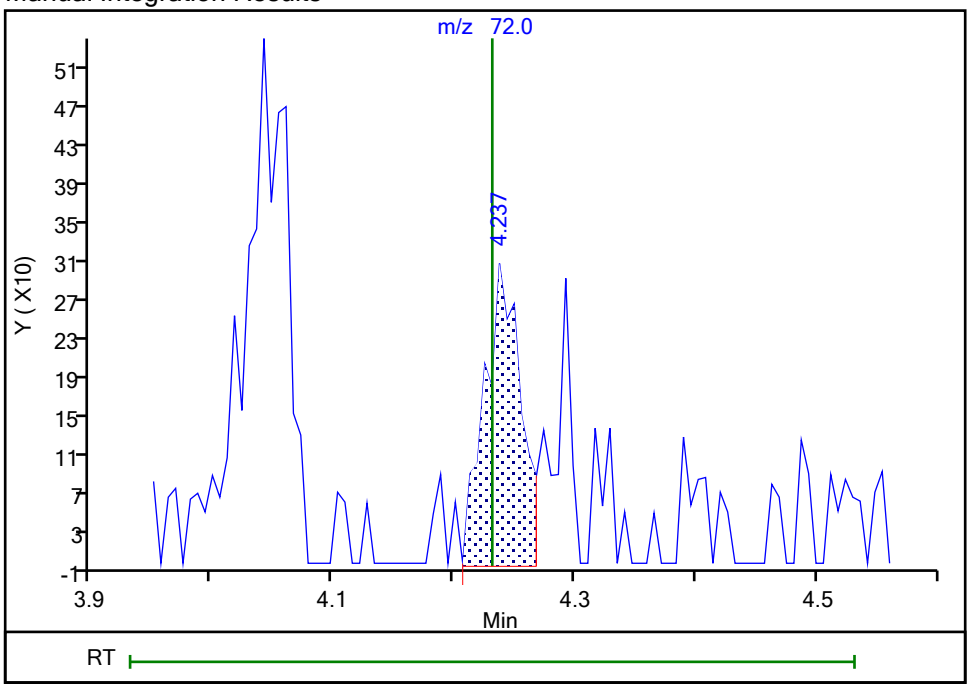
Processing Integration Results

RT: 4.24
Area: 914
Amount: 4.072231
Amount Units: ug/l



Manual Integration Results

RT: 4.24
Area: 643
Amount: 2.575022
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:44:59 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

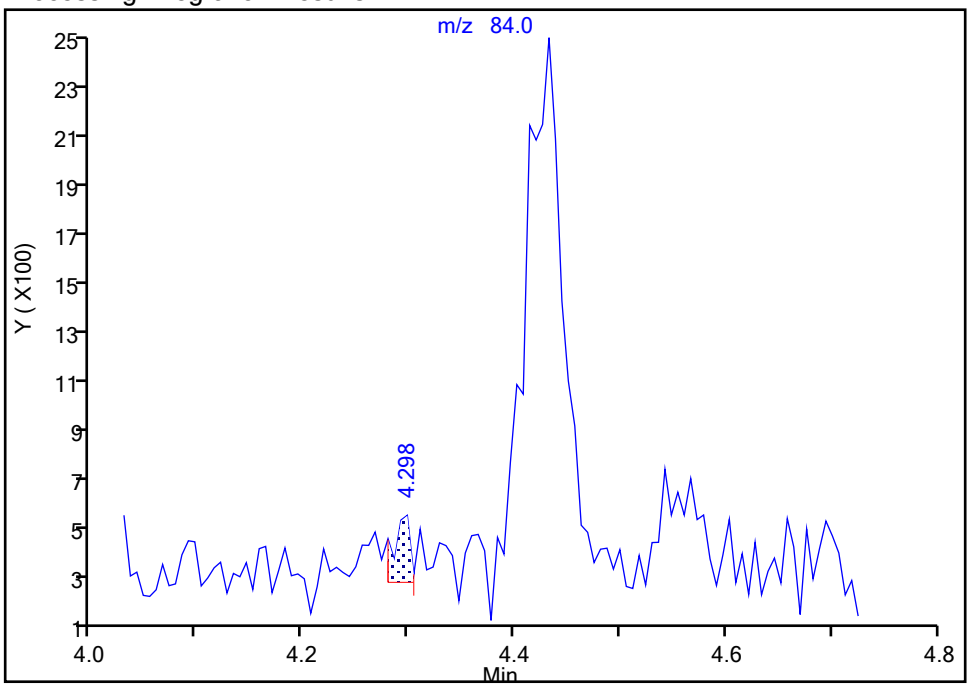
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

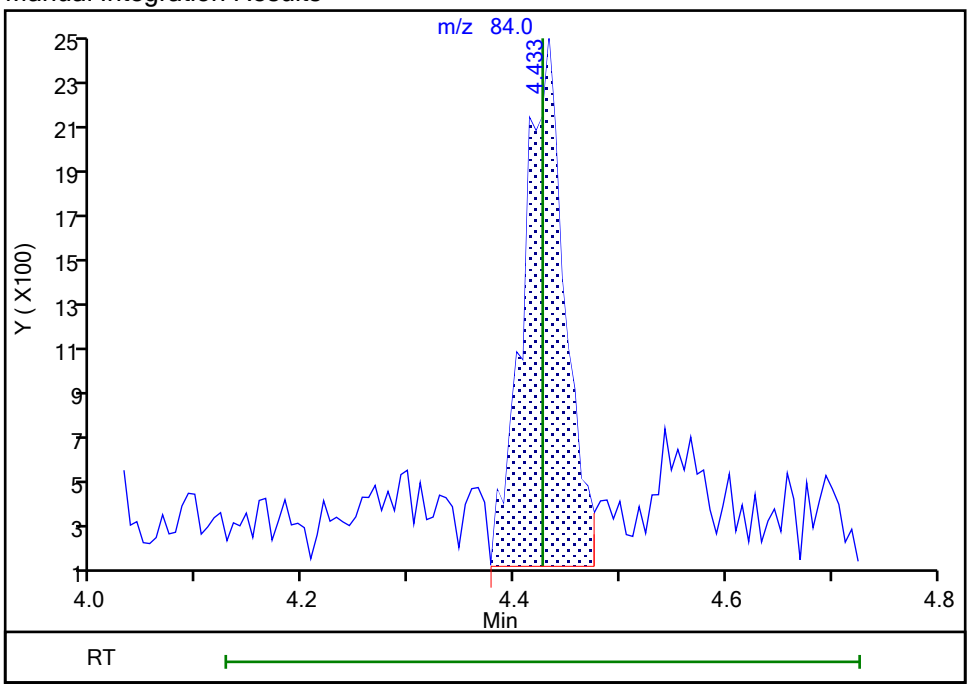
Processing Integration Results

RT: 4.30
Area: 300
Amount: 0.071570
Amount Units: ug/l



Manual Integration Results

RT: 4.43
Area: 6164
Amount: 1.125687
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 09:58:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

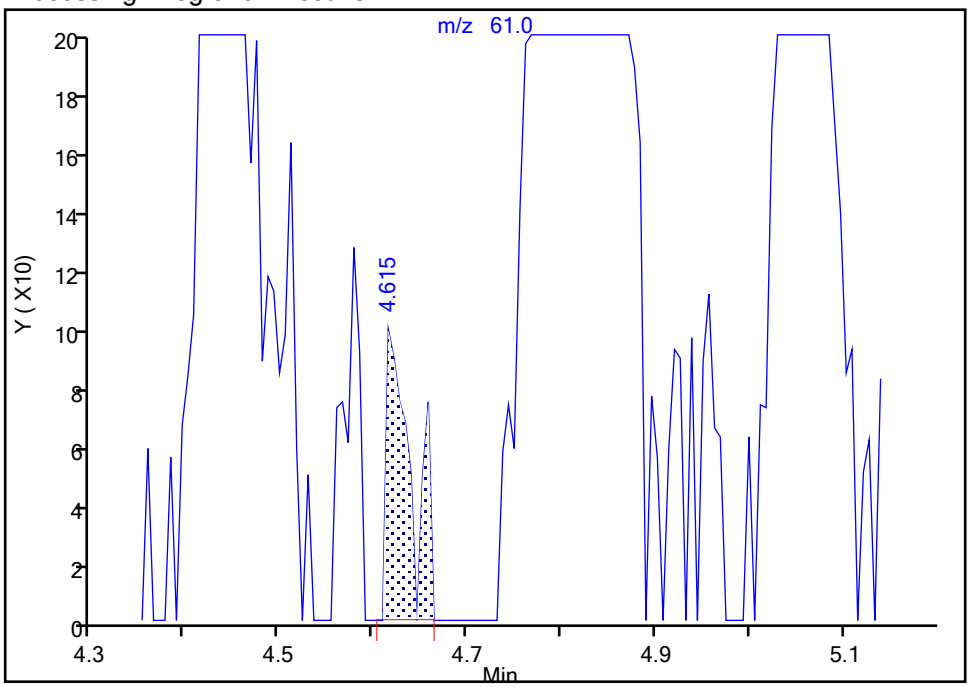
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

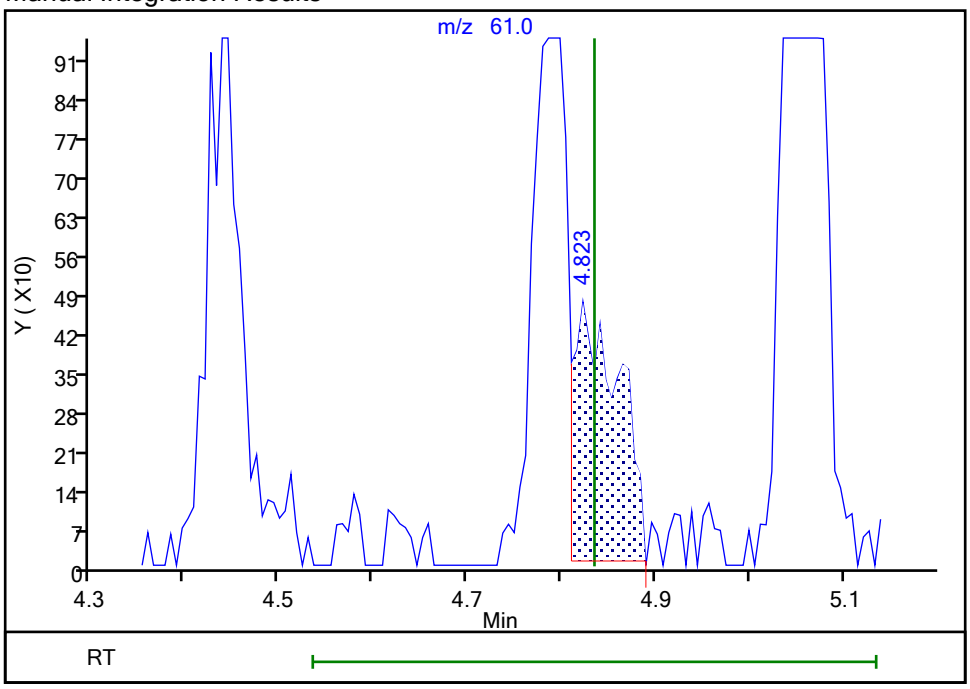
Processing Integration Results

RT: 4.62
Area: 186
Amount: 0.150863
Amount Units: ug/l



Manual Integration Results

RT: 4.82
Area: 1591
Amount: 1.171202
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:18:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

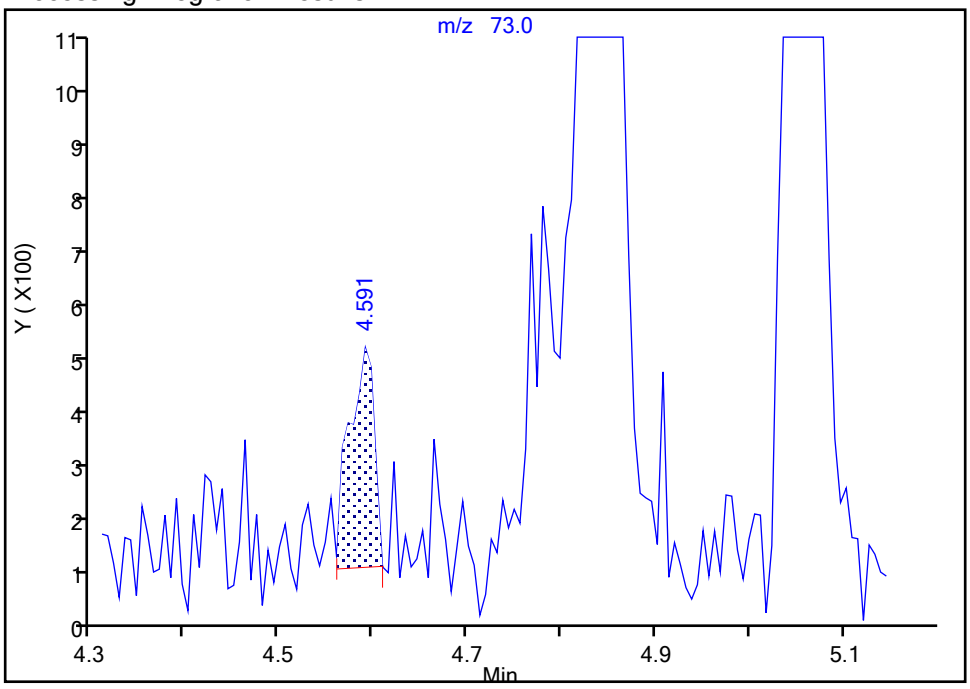
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

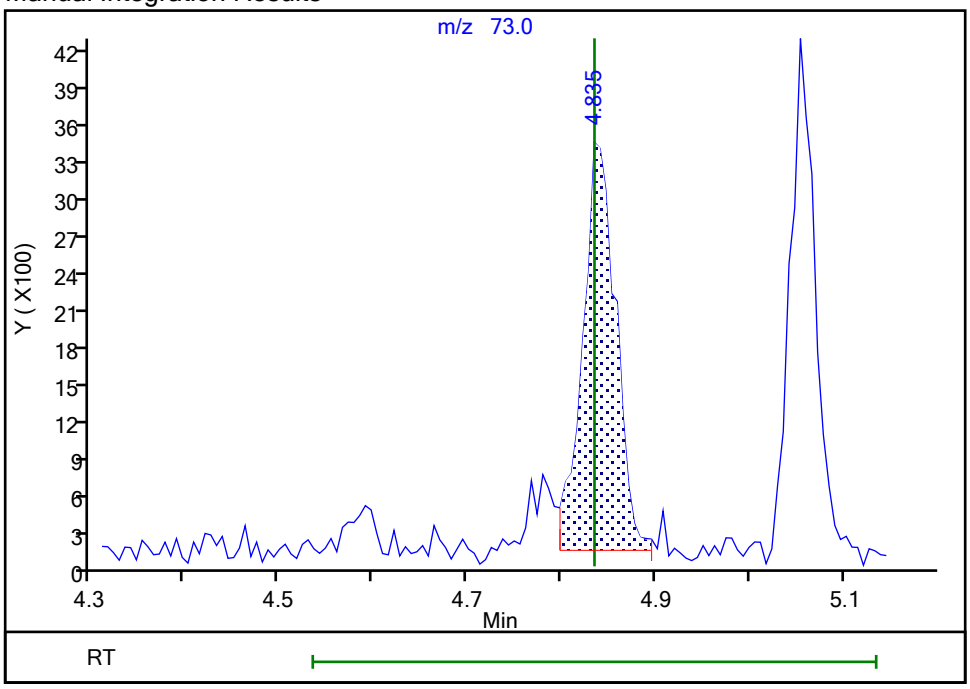
Processing Integration Results

RT: 4.59
Area: 704
Amount: 0.111950
Amount Units: ug/l



Manual Integration Results

RT: 4.83
Area: 7978
Amount: 0.897439
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 09:58:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

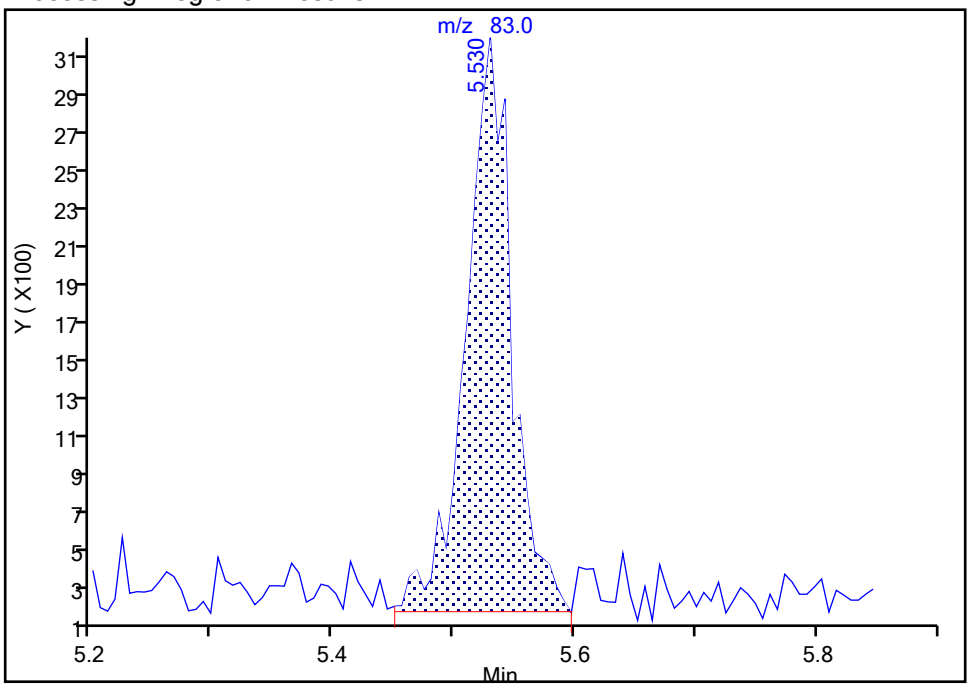
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

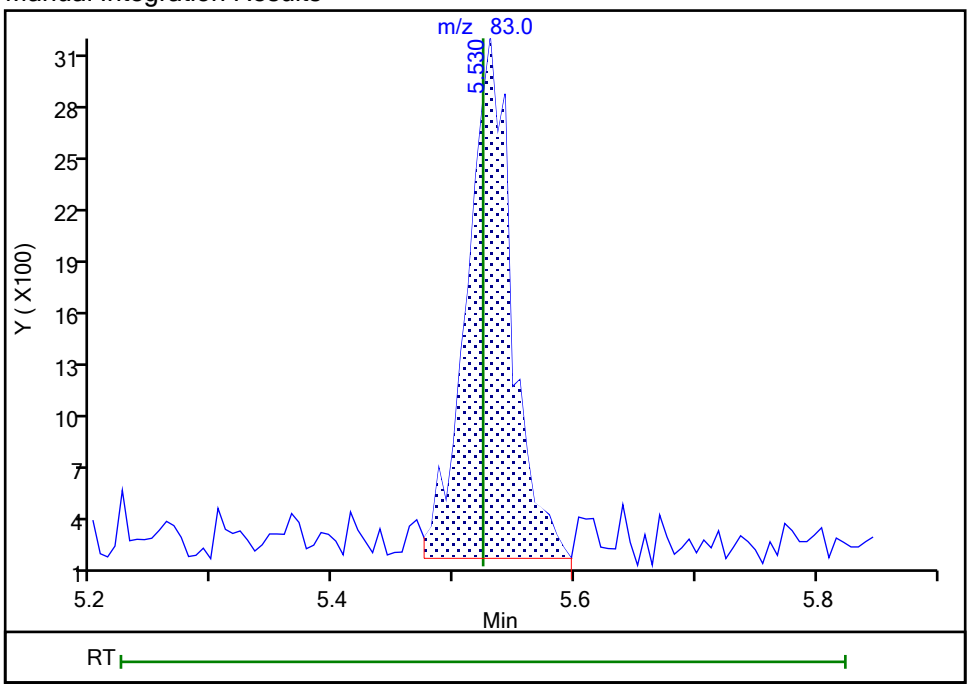
Processing Integration Results

RT: 5.53
Area: 7733
Amount: 1.484933
Amount Units: ug/l



Manual Integration Results

RT: 5.53
Area: 7578
Amount: 1.199249
Amount Units: ug/l



Reviewer: W9CM, 11-May-2024 13:47:43 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

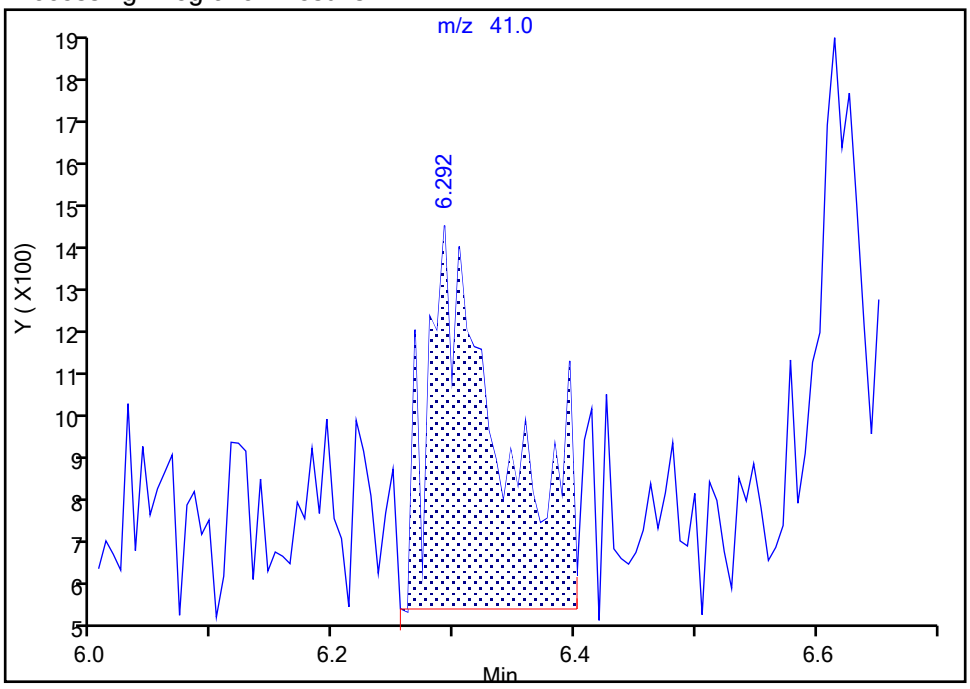
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80101.D
Injection Date: 09-May-2024 09:08:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

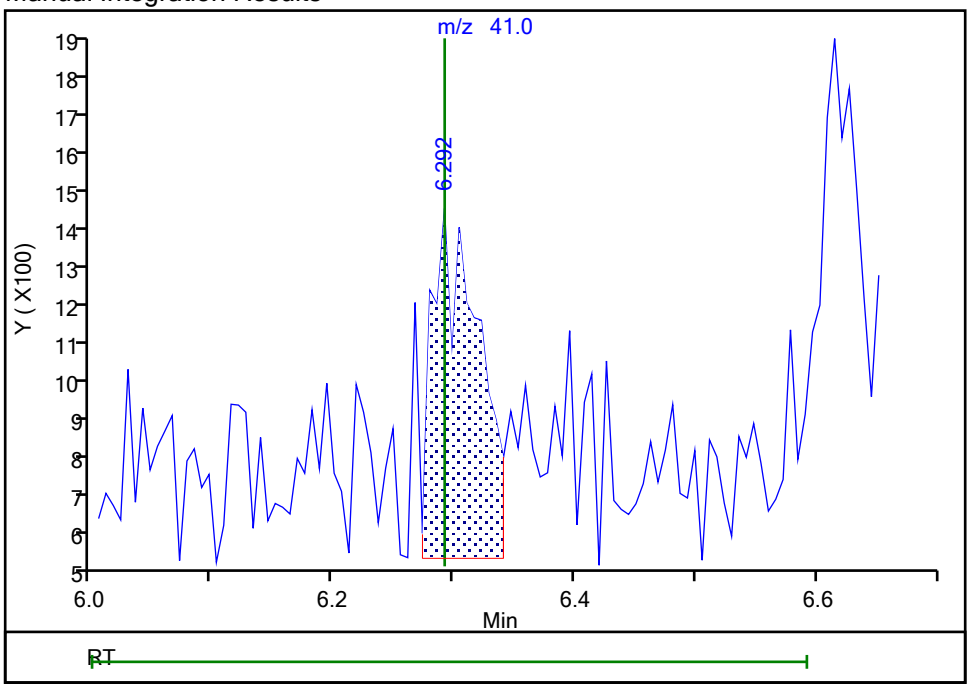
Processing Integration Results

RT: 6.29
Area: 3446
Amount: 8.162056
Amount Units: ug/l



Manual Integration Results

RT: 6.29
Area: 2223
Amount: 5.266686
Amount Units: ug/l



Reviewer: W9CM, 12-May-2024 12:52:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 09-May-2024 09:28:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0175641-006
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:56:43 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 10:05:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.299	1.299	0.000	0	342	5.00	5.91	M
3 Chlorotrifluoroethene	116	1.366	1.366	0.000	65	7000	5.00	4.78	a
2 1,1-Difluoroethane	65	1.378	1.366	0.012	96	12190	5.00	5.79	
4 Dichlorodifluoromethane	85	1.397	1.391	0.006	97	20917	5.00	4.62	
5 Chlorodifluoromethane	67	1.409	1.409	0.000	97	3952	5.00	5.58	
6 Chloromethane	50	1.555	1.549	0.006	99	23366	5.00	5.34	
7 Vinyl chloride	62	1.647	1.641	0.006	98	21668	5.00	5.35	
8 Butadiene	54	1.647	1.641	0.006	93	18521	5.00	4.89	
9 Bromomethane	94	1.909	1.897	0.012	99	13594	5.00	5.29	
10 Chloroethane	64	1.976	1.964	0.012	97	13227	5.00	5.85	
11 Dichlorofluoromethane	67	2.134	2.134	0.000	87	35353	5.00	4.79	
12 Trichlorofluoromethane	101	2.140	2.140	0.000	52	22673	5.00	4.63	
13 Pentane	72	2.165	2.159	0.006	96	7153	10.0	10.6	
14 Ethanol	46	2.329	2.329	0.000	76	2579	200.0	237.8	M
15 Ethyl ether	74	2.342	2.336	0.006	91	9005	5.00	4.82	
16 2-Methyl-1,3-butadiene	53	2.366	2.360	0.006	96	18589	5.00	5.45	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.403	2.390	0.013	86	16940	5.00	4.91	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.457	-0.006	92	27665	5.00	5.16	
19 Acrolein	56	2.512	2.500	0.012	91	8718	20.0	21.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.524	2.525	-0.001	92	17483	5.00	5.02	a
21 1,1-Dichloroethene	96	2.537	2.537	0.000	98	18411	5.00	5.27	
22 Acetone	43	2.616	2.616	0.000	89	14344	25.0	23.4	
23 Iodomethane	142	2.689	2.683	0.006	98	30357	5.00	4.70	
25 Isopropyl alcohol	45	2.707	2.695	0.012	30	6043	50.0	51.6	
24 Carbon disulfide	76	2.720	2.714	0.006	99	70295	5.00	5.24	
26 3-Chloro-1-propene	76	2.842	2.835	0.007	93	10669	5.00	4.49	
27 Methyl acetate	43	2.854	2.848	0.006	55	14850	10.0	10.4	
28 Cyclopentene	67	2.866	2.860	0.006	94	40544	5.00	5.09	
29 Acetonitrile	41	2.902	2.902	0.000	94	12455	50.0	50.0	
* 31 TBA-d9 (IS)	66	2.951	2.951	0.000	0	29764	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.963	2.957	0.006	87	19474	5.00	4.98	
32 2-Methyl-2-propanol	59	3.018	3.012	0.006	91	9911	50.0	52.4	
33 Methyl tert-butyl ether	73	3.116	3.110	0.006	96	42824	5.00	5.18	
34 trans-1,2-Dichloroethene	96	3.140	3.140	0.000	95	19577	5.00	5.00	
35 Acrylonitrile	53	3.207	3.201	0.006	94	36387	50.0	48.1	
36 Hexane	57	3.293	3.293	0.000	92	25894	5.00	5.26	
37 Isopropyl ether	45	3.494	3.488	0.006	95	62027	5.00	5.26	
38 1,1-Dichloroethane	63	3.524	3.518	0.006	73	34089	5.00	5.19	
39 Vinyl acetate	86	3.530	3.524	0.006	100	5212	10.0	10.3	
40 2-Chloro-1,3-butadiene	88	3.567	3.567	0.000	90	16209	5.00	4.93	
41 Tert-butyl ethyl ether	59	3.799	3.793	0.006	90	51650	5.00	5.04	
* 42 2-Butanone-d5	46	3.982	3.982	0.000	0	181768	250.0	250.0	
43 2,2-Dichloropropane	97	4.006	4.006	0.000	53	7270	5.00	5.24	a
44 cis-1,2-Dichloroethene	96	4.018	4.024	-0.006	96	20820	5.00	5.09	
45 2-Butanone (MEK)	72	4.036	4.030	0.006	95	5494	25.0	24.0	
46 Ethyl acetate	70	4.049	4.036	0.013	96	2843	10.0	11.2	
47 Methyl acrylate	55	4.091	4.085	0.006	99	10369	5.00	5.92	
48 Propionitrile	54	4.158	4.164	-0.006	99	13060	50.0	49.7	
50 Tetrahydrofuran	72	4.231	4.232	-0.001	61	2849	10.0	11.2	
49 Chlorobromomethane	128	4.244	4.238	0.006	92	8619	5.00	5.01	
51 Methacrylonitrile	67	4.268	4.262	0.006	92	39899	50.0	49.2	
52 Chloroform	83	4.292	4.292	0.000	97	30559	5.00	5.10	
53 Cyclohexane	84	4.427	4.427	0.000	92	27328	5.00	5.08	
54 1,1,1-Trichloroethane	97	4.439	4.433	0.006	73	25613	5.00	4.99	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	152539	50.0	50.3	
56 Carbon tetrachloride	117	4.555	4.555	0.000	98	22297	5.00	4.91	
57 1,1-Dichloropropene	75	4.579	4.579	0.000	98	25412	5.00	5.26	
58 Isobutyl alcohol	43	4.695	4.695	0.000	72	9763	125.0	117.5	a
59 Isooctane	57	4.744	4.744	0.000	98	60879	5.00	4.93	
60 Benzene	78	4.774	4.774	0.000	96	72188	5.00	5.25	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	143643	50.0	49.3	
63 Isopropyl acetate	61	4.841	4.835	0.006	80	6552	5.00	4.91	
62 Tert-amyl methyl ether	73	4.835	4.835	0.000	94	45408	5.00	5.20	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	96	17557	5.00	4.98	
65 n-Heptane	100	4.926	4.926	0.000	93	4437	5.00	4.63	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	98	623014	50.0	50.0	
67 n-Butanol	56	5.359	5.347	0.012	84	6322	125.0	139.5	a
68 Trichloroethene	95	5.396	5.402	-0.006	97	17324	5.00	4.81	
69 Methylcyclohexane	83	5.524	5.524	0.000	84	30097	5.00	4.85	
70 Ethyl acrylate	99	5.530	5.530	0.000	93	2898	5.00	8.55	
71 1,2-Dichloropropane	63	5.689	5.682	0.006	93	17374	5.00	4.81	
* 72 1,4-Dioxane-d8	96	5.731	5.731	0.000	0	17967	1000.0	1000.0	
73 Methyl methacrylate	100	5.762	5.762	0.000	88	5353	10.0	9.20	
75 1,4-Dioxane	88	5.792	5.786	0.006	40	1847	100.0	90.8	
74 Dibromomethane	93	5.810	5.810	0.000	91	8040	5.00	5.06	
76 n-Propyl acetate	43	5.823	5.817	0.006	98	14057	5.00	5.11	
77 Dichlorobromomethane	83	5.957	5.957	0.000	100	20169	5.00	4.80	
79 2-Chloroethyl vinyl ether	63	6.298	6.292	0.006	82	7569	5.01	4.88	
78 2-Nitropropane	41	6.292	6.292	0.000	81	6932	10.0	16.7	
80 Epichlorohydrin	57	6.402	6.396	0.006	98	18455	100.0	108.2	
81 cis-1,3-Dichloropropene	75	6.451	6.451	0.000	91	26264	5.00	5.11	
82 4-Methyl-2-pentanone (MIBK)	58	6.621	6.621	0.000	97	19562	25.0	25.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	587472	50.0	51.1	
84 Toluene	91	6.774	6.774	0.000	93	74134	5.00	5.18	
85 trans-1,3-Dichloropropene	75	7.121	7.115	0.006	96	20105	5.00	5.11	
86 Ethyl methacrylate	69	7.158	7.158	0.000	90	16696	5.00	5.09	
87 1,1,2-Trichloroethane	83	7.335	7.328	0.007	96	9672	5.00	5.19	
88 Tetrachloroethene	166	7.371	7.377	-0.006	98	16841	5.00	4.85	
89 1,3-Dichloropropane	76	7.542	7.542	0.000	93	18971	5.00	5.13	
90 2-Hexanone	43	7.603	7.603	0.000	97	28807	25.0	24.5	
91 n-Butyl acetate	43	7.725	7.725	0.000	98	16633	5.00	5.31	
92 Chlorodibromomethane	129	7.767	7.761	0.006	96	13017	5.00	4.89	
93 Ethylene Dibromide	107	7.920	7.914	0.006	96	10388	5.00	4.94	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	87	430888	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	94	43316	5.00	5.09	
96 Ethylbenzene	106	8.603	8.603	0.000	99	23761	5.00	4.93	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	94	16724	5.00	4.97	
98 m-Xylene & p-Xylene	106	8.761	8.767	-0.006	0	29258	5.00	4.93	
100 n-Butyl acrylate	73	9.267	9.273	-0.006	65	10039	5.00	5.09	
99 o-Xylene	106	9.273	9.279	-0.006	93	31480	5.00	5.14	
101 Styrene	104	9.310	9.310	0.000	96	48351	5.00	5.00	
103 Amyl acetate (mixed isomers)	43	9.548	9.548	0.000	91	22938	5.00	5.58	
102 Bromoform	173	9.554	9.548	0.006	59	7982	5.00	4.95	
104 Isopropylbenzene	105	9.700	9.700	0.000	96	72302	5.00	5.14	
$ 105 4-Bromofluorobenzene	174	9.925	9.919	0.006	92	174965	50.0	49.3	
106 Bromobenzene	156	10.066	10.066	0.000	98	17409	5.00	4.90	
107 1,1,2,2-Tetrachloroethane	83	10.127	10.127	0.000	98	12479	5.00	5.13	
108 N-Propylbenzene	91	10.157	10.157	0.000	99	94746	5.00	5.37	
109 1,2,3-Trichloropropane	110	10.175	10.175	0.000	98	3311	5.00	4.93	
110 trans-1,4-Dichloro-2-butene	53	10.200	10.200	0.000	64	2749	5.00	4.97	a
111 2-Chlorotoluene	91	10.261	10.261	0.000	97	64801	5.00	5.31	
112 4-Ethyltoluene	105	10.279	10.279	0.000	98	77631	5.00	5.30	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	92	63766	5.00	5.13	
114 4-Chlorotoluene	91	10.389	10.383	0.006	98	58177	5.00	5.33	
115 Butyl Methacrylate	87	10.468	10.468	0.000	90	21450	5.00	4.98	
116 tert-Butylbenzene	119	10.657	10.657	0.000	94	50291	5.00	4.95	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	98	66812	5.00	5.18	
118 sec-Butylbenzene	105	10.870	10.870	0.000	99	81978	5.00	5.12	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	96	35899	5.00	5.20	
120 4-Isopropyltoluene	119	11.011	11.011	0.000	98	70513	5.00	5.14	
* 121 1,4-Dichlorobenzene-d4	152	11.072	11.072	0.000	96	217055	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	95	34780	5.00	5.20	
123 1,2,3-Trimethylbenzene	105	11.114	11.114	0.000	99	69180	5.00	5.17	
124 Benzyl chloride	91	11.230	11.230	0.000	98	28112	5.00	5.43	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	95	62928	5.00	5.23	
126 p-Diethylbenzene	119	11.358	11.358	0.000	93	45721	5.00	5.28	
127 n-Butylbenzene	92	11.376	11.376	0.000	98	39350	5.00	5.40	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	95	31986	5.00	5.02	
129 1,2,4,5-Tetramethylbenzene	119	12.017	12.023	-0.006	98	67254	5.00	5.20	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	94	2283	5.00	5.88	
131 1,3,5-Trichlorobenzene	180	12.218	12.218	0.000	97	29459	5.00	4.96	
132 1,2,4-Trichlorobenzene	180	12.718	12.718	0.000	93	22909	5.00	4.77	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	97	14135	5.00	4.63	
134 Naphthalene	128	12.907	12.907	0.000	99	33830	5.00	4.84	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.090	13.090	0.000	95	17545	5.00	4.65	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.1	
S 137 Xylenes, Total	100				0		10.0	10.1	
S 139 1,3-Dichloropropene, Total	1				0		10.0	10.2	
S 140 Total BTEX	1				0		25.0	25.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00018	Amount Added:	10.00	Units: uL	
ACROLEIN W_00169	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	10.00	Units: uL	
GASES Li_00582	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:56:43 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D

Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17

Lims ID: STD5

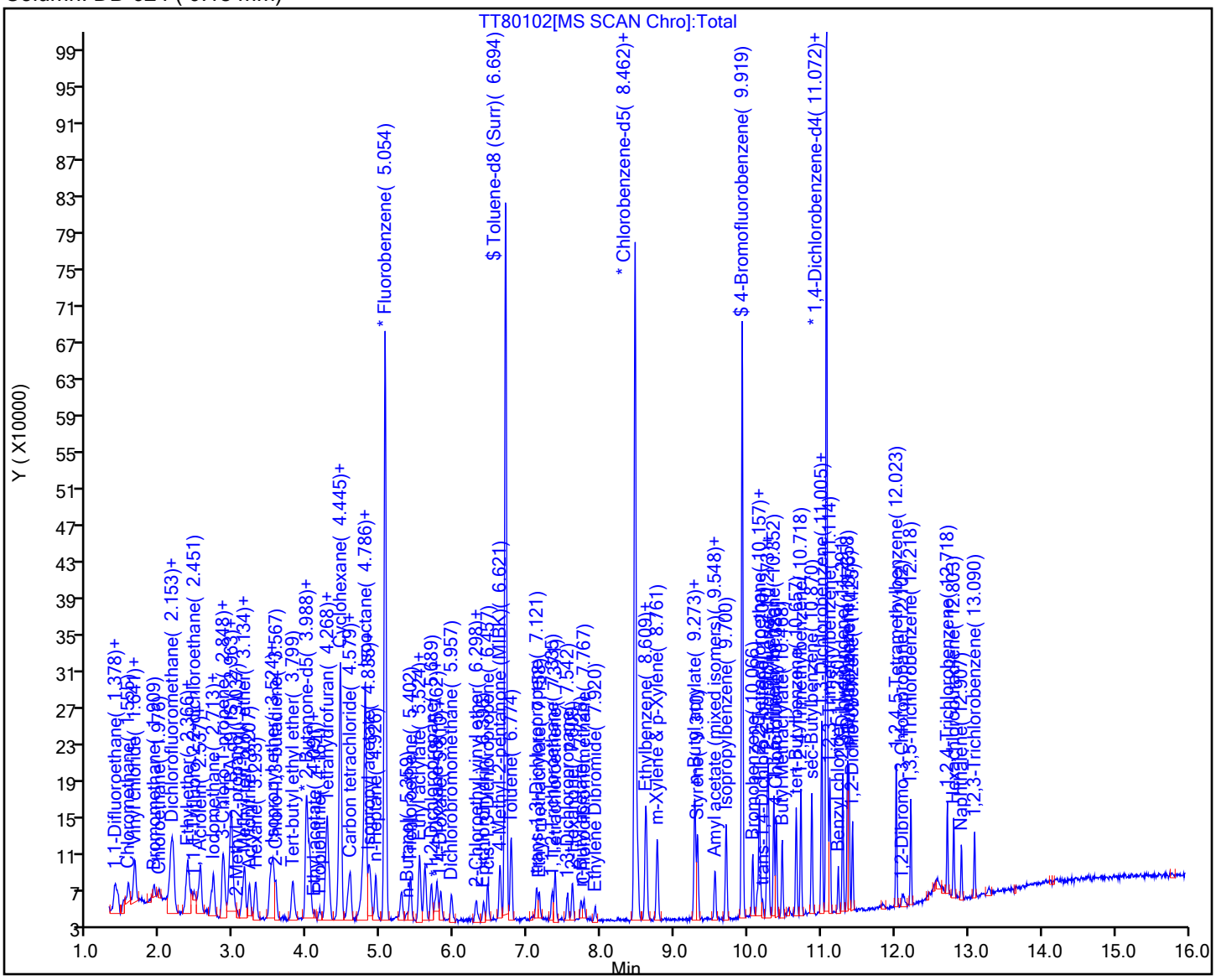
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

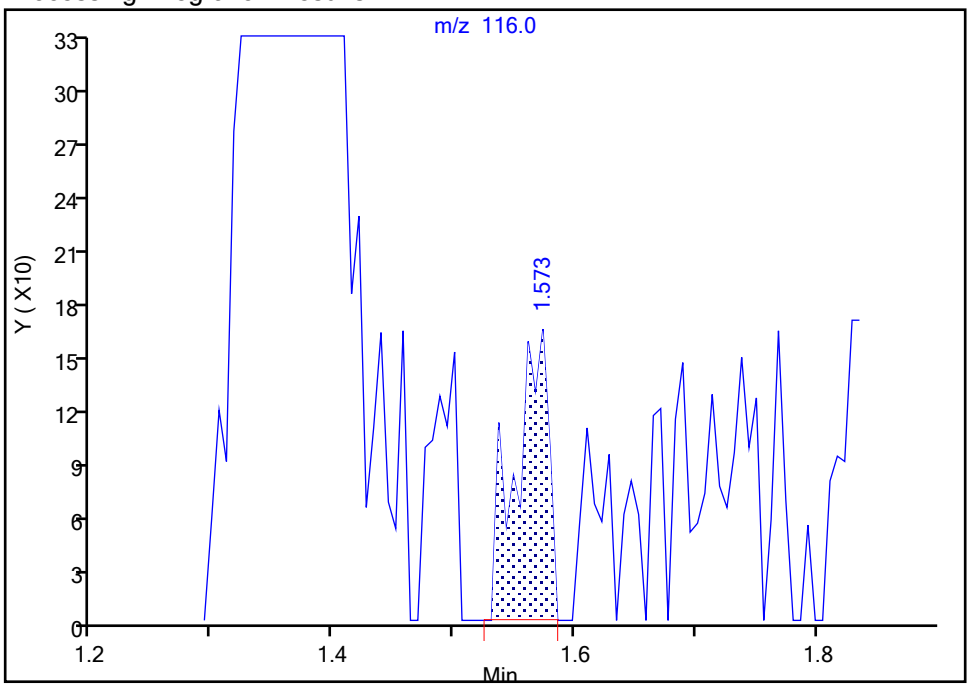
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

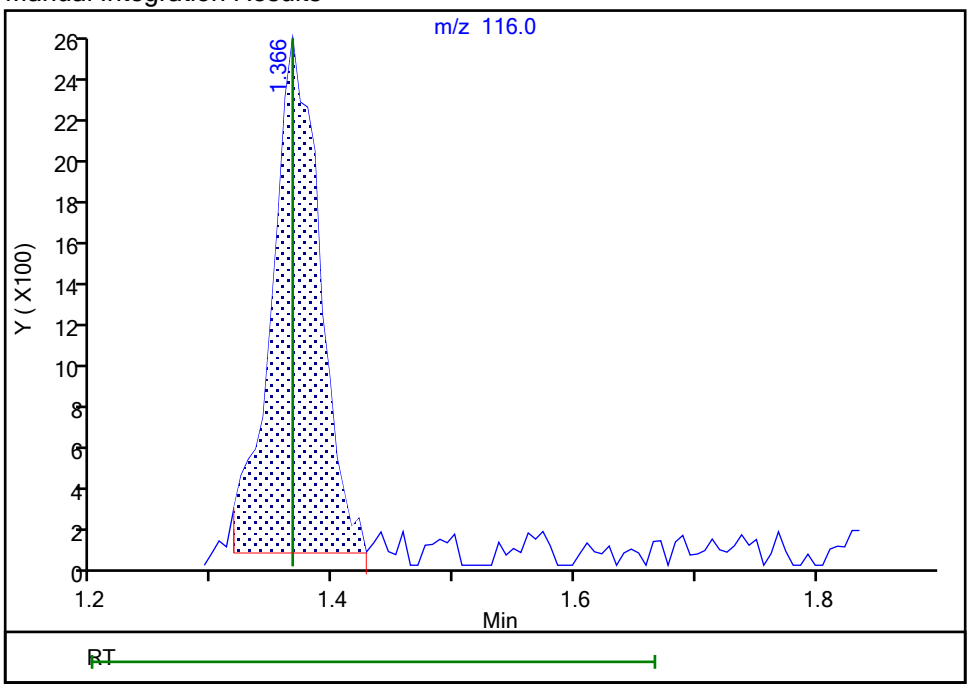
Processing Integration Results

RT: 1.57
Area: 312
Amount: 0.356018
Amount Units: ug/l



Manual Integration Results

RT: 1.37
Area: 7000
Amount: 4.782441
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:04:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

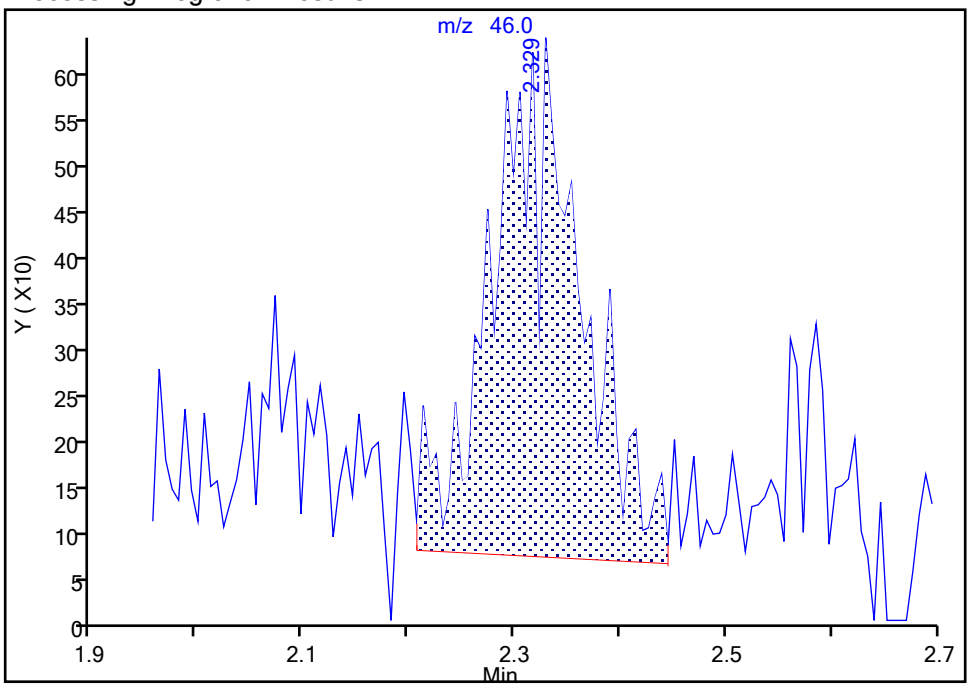
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

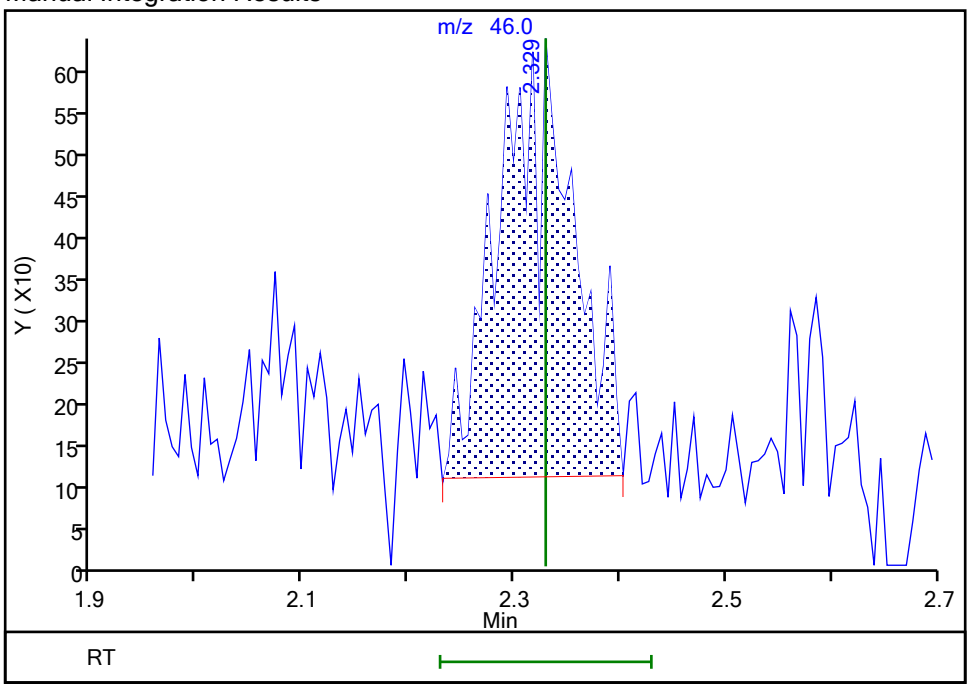
Processing Integration Results

RT: 2.33
Area: 3323
Amount: 282.9973
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 2579
Amount: 237.8083
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:01:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

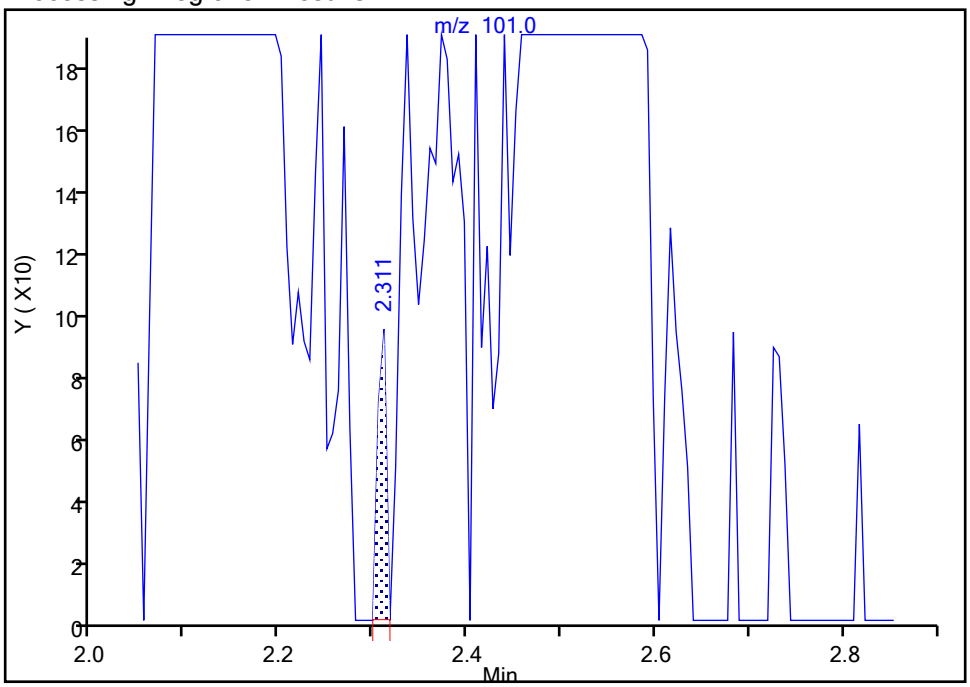
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

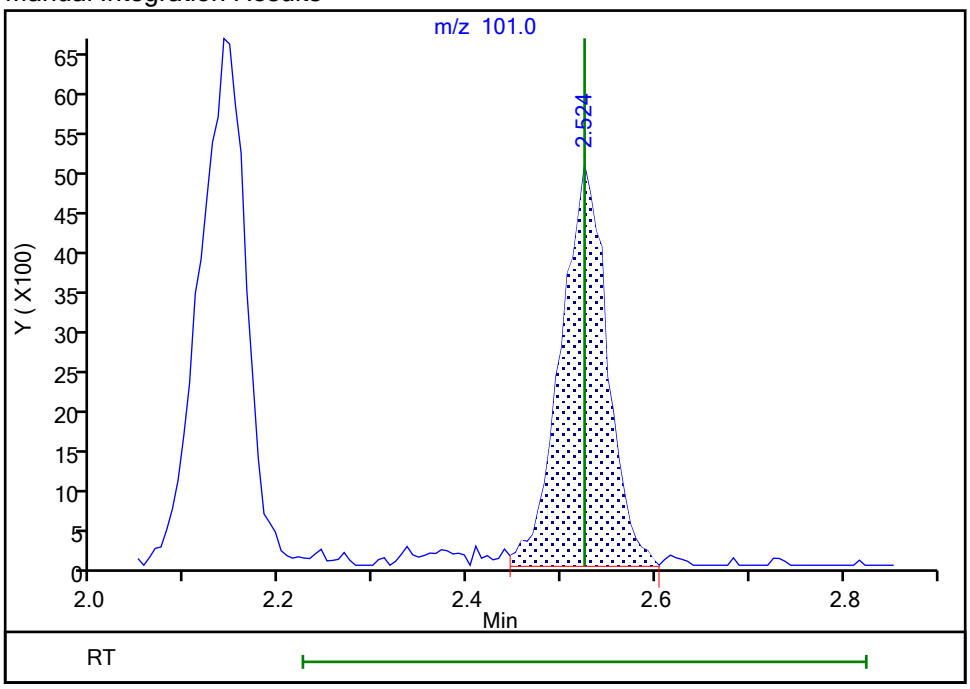
Processing Integration Results

RT: 2.31
Area: 61
Amount: 0.019561
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 17483
Amount: 5.017126
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:31:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

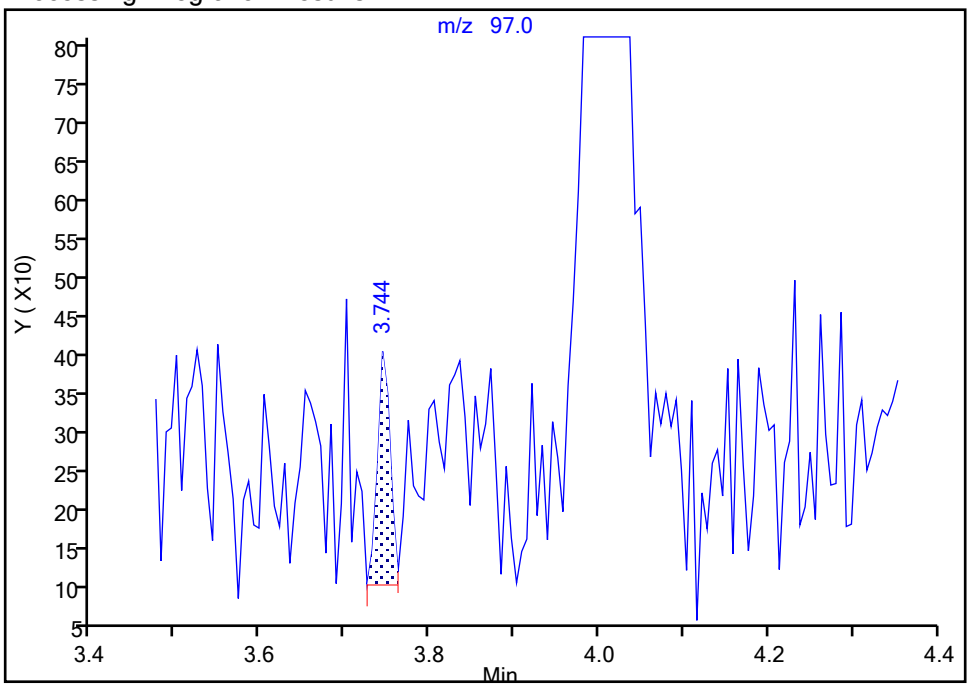
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

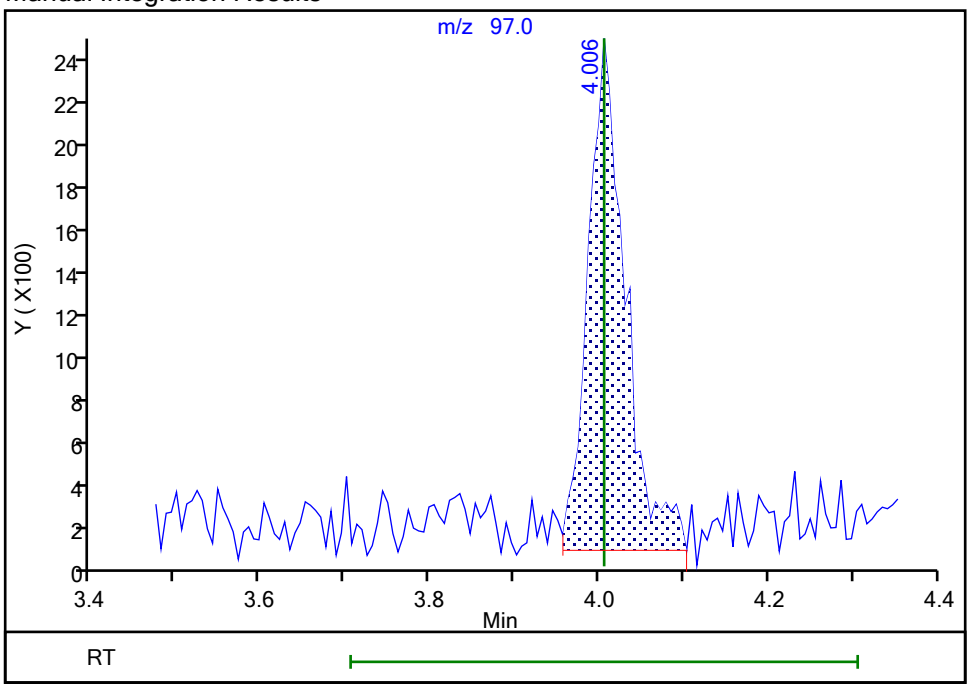
Processing Integration Results

RT: 3.74
Area: 312
Amount: 0.730523
Amount Units: ug/l



Manual Integration Results

RT: 4.01
Area: 7270
Amount: 5.243575
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:03:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

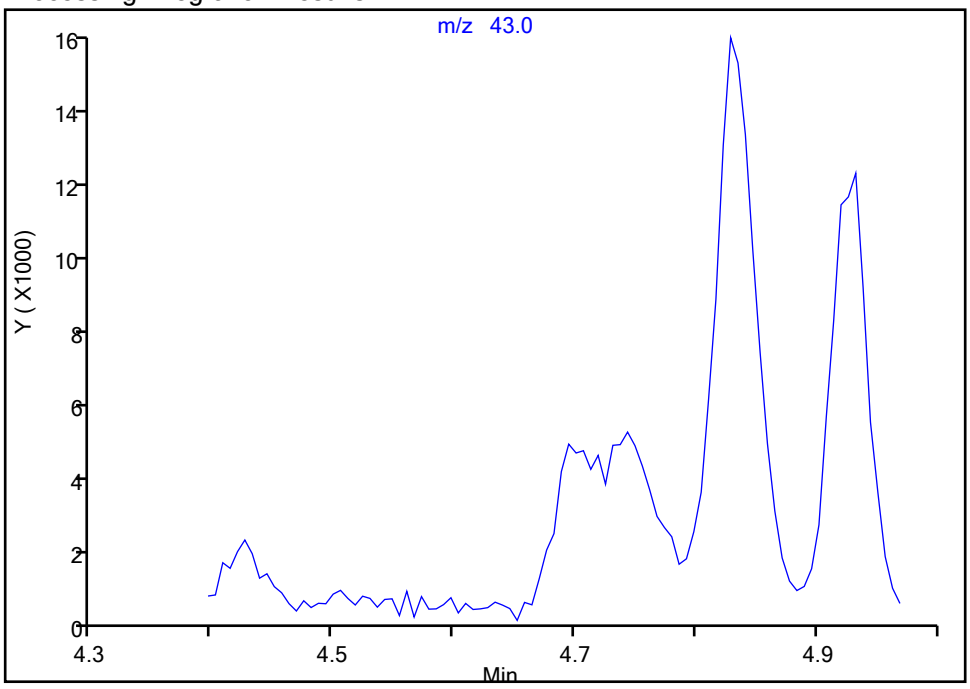
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

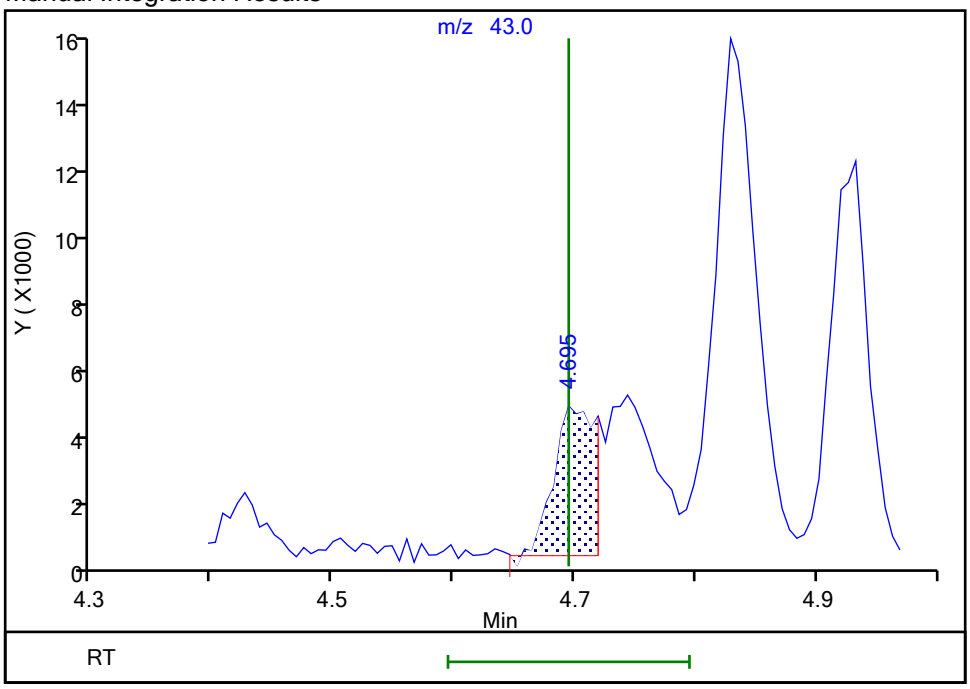
Not Detected
Expected RT: 4.69

Processing Integration Results



Manual Integration Results

RT: 4.69
Area: 9763
Amount: 117.4823
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:03:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

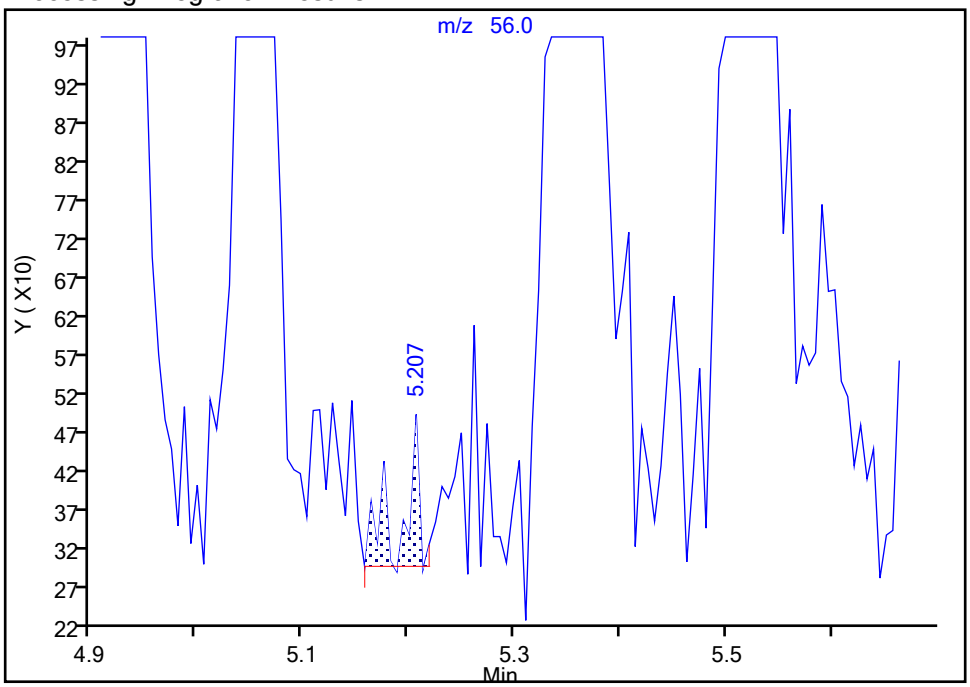
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

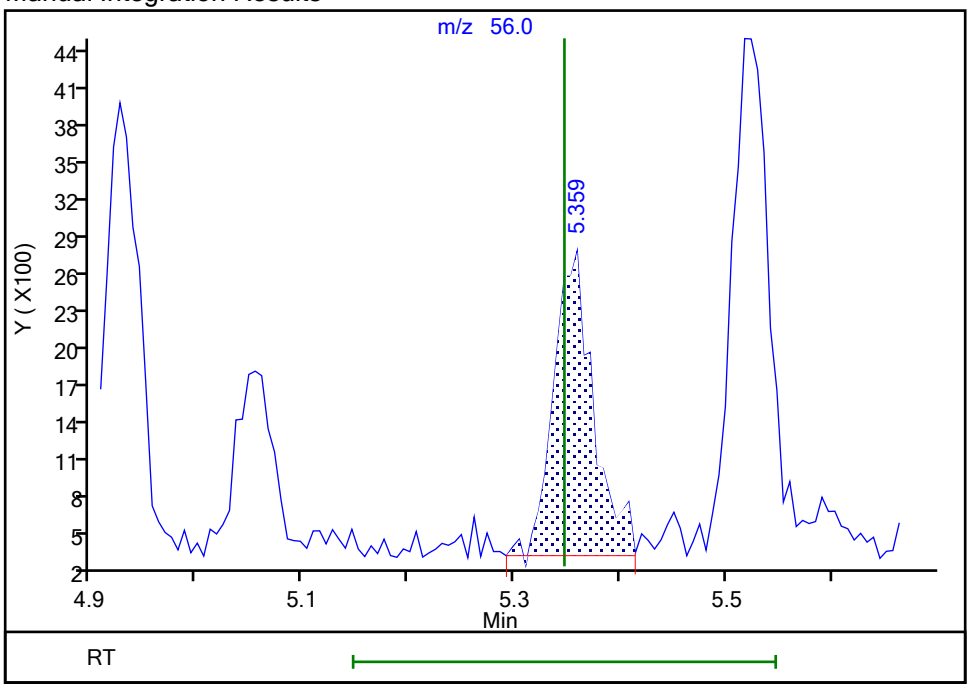
Processing Integration Results

RT: 5.21
Area: 210
Amount: 3.779733
Amount Units: ug/l



Manual Integration Results

RT: 5.36
Area: 6322
Amount: 139.5335
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:03:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

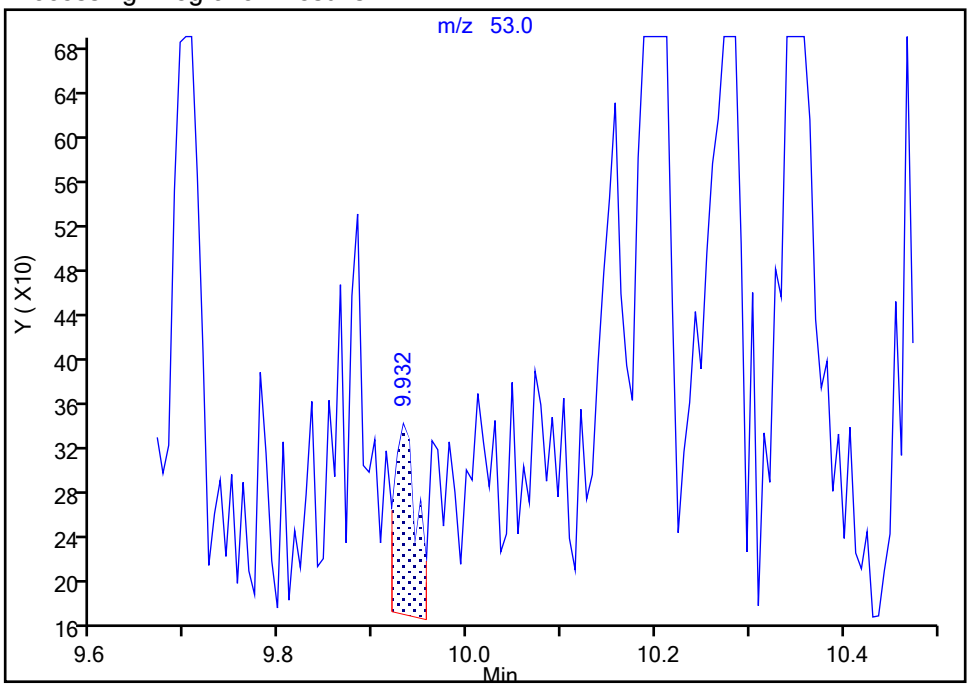
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80102.D
Injection Date: 09-May-2024 09:28:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

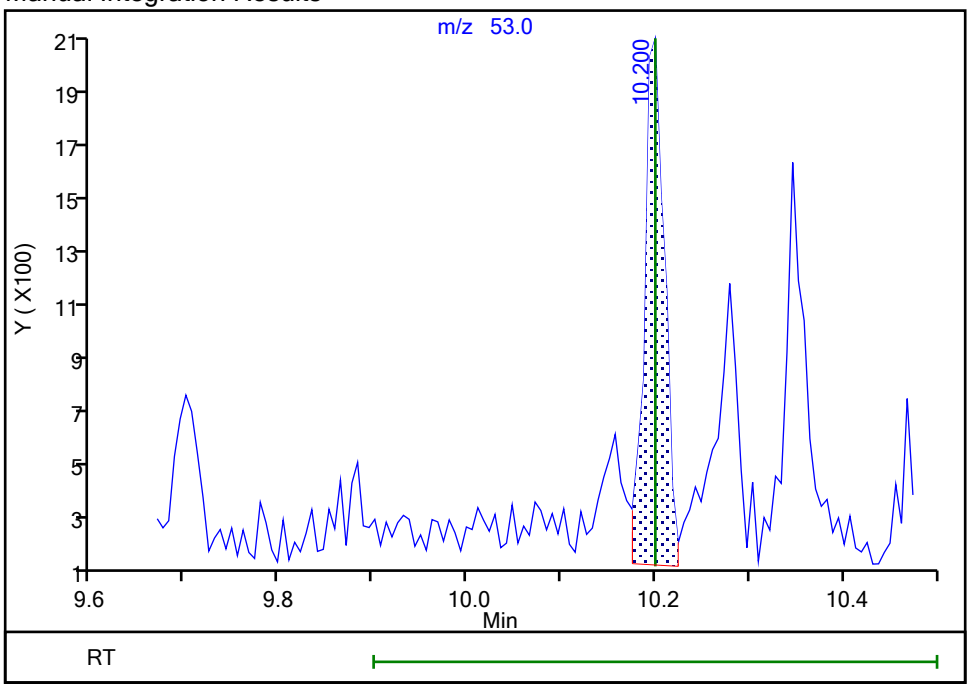
Processing Integration Results

RT: 9.93
Area: 287
Amount: 0.677486
Amount Units: ug/l



Manual Integration Results

RT: 10.20
Area: 2749
Amount: 4.969962
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:04:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80103.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 09-May-2024 09:47:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0175641-007
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:56:49 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: W9CM Date: 12-May-2024 12:41:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.299	1.299	0.000	37	815	20.0	14.8	M
3 Chlorotrifluoroethene	116	1.366	1.366	0.000	58	22525	20.0	16.2	
2 1,1-Difluoroethane	65	1.366	1.366	0.000	95	40177	20.0	20.1	
4 Dichlorodifluoromethane	85	1.391	1.391	0.000	90	83858	20.0	19.5	
5 Chlorodifluoromethane	67	1.409	1.409	0.000	97	13249	20.0	19.7	
6 Chloromethane	50	1.549	1.549	0.000	99	93842	20.0	22.6	
7 Vinyl chloride	62	1.641	1.641	0.000	98	88204	20.0	22.9	
8 Butadiene	54	1.641	1.641	0.000	92	76321	20.0	21.2	
9 Bromomethane	94	1.897	1.897	0.000	97	58415	20.0	23.9	
10 Chloroethane	64	1.964	1.964	0.000	99	48874	20.0	22.7	
11 Dichlorofluoromethane	67	2.134	2.134	0.000	98	147674	20.0	21.0	
12 Trichlorofluoromethane	101	2.140	2.140	0.000	68	90999	20.0	19.5	
13 Pentane	72	2.159	2.159	0.000	96	27372	40.0	42.8	
14 Ethanol	46	2.329	2.329	0.000	71	8447	800.0	820.4	M
15 Ethyl ether	74	2.336	2.336	0.000	94	36675	20.0	20.6	
16 2-Methyl-1,3-butadiene	53	2.360	2.360	0.000	97	69170	20.0	21.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.390	2.390	0.000	96	60831	20.0	18.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.457	2.457	0.000	89	98163	20.0	19.2	
19 Acrolein	56	2.500	2.500	0.000	93	15747	40.0	41.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.525	2.525	0.000	89	67163	20.0	20.3	a
21 1,1-Dichloroethene	96	2.537	2.537	0.000	97	70813	20.0	21.3	
22 Acetone	43	2.616	2.616	0.000	87	51285	100.0	84.3	
23 Iodomethane	142	2.683	2.683	0.000	96	131648	20.0	21.4	
25 Isopropyl alcohol	45	2.695	2.695	0.000	37	23462	200.0	211.1	
24 Carbon disulfide	76	2.714	2.714	0.000	99	283462	20.0	22.2	
26 3-Chloro-1-propene	76	2.835	2.835	0.000	94	49576	20.0	21.9	
27 Methyl acetate	43	2.848	2.848	0.000	57	59547	40.0	43.7	
28 Cyclopentene	67	2.860	2.860	0.000	93	167258	20.0	22.1	
29 Acetonitrile	41	2.902	2.902	0.000	90	59796	200.0	242.3	a
* 31 TBA-d9 (IS)	66	2.951	2.951	0.000	0	28257	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.957	2.957	0.000	94	79649	20.0	21.4	
32 2-Methyl-2-propanol	59	3.012	3.012	0.000	96	39331	200.0	219.0	
33 Methyl tert-butyl ether	73	3.110	3.110	0.000	98	166074	20.0	21.1	
34 trans-1,2-Dichloroethene	96	3.140	3.140	0.000	96	78978	20.0	21.2	
35 Acrylonitrile	53	3.201	3.201	0.000	96	150672	200.0	209.4	
36 Hexane	57	3.293	3.293	0.000	93	98814	20.0	21.1	
37 Isopropyl ether	45	3.488	3.488	0.000	97	249315	20.0	22.2	
38 1,1-Dichloroethane	63	3.518	3.518	0.000	98	141436	20.0	22.6	
39 Vinyl acetate	86	3.524	3.524	0.000	100	21448	40.0	42.7	
40 2-Chloro-1,3-butadiene	88	3.567	3.567	0.000	91	64229	20.0	20.5	
41 Tert-butyl ethyl ether	59	3.793	3.793	0.000	89	213469	20.0	21.9	
* 42 2-Butanone-d5	46	3.982	3.982	0.000	0	180074	250.0	250.0	
43 2,2-Dichloropropane	97	4.006	4.006	0.000	95	26973	20.0	20.4	
44 cis-1,2-Dichloroethene	96	4.024	4.024	0.000	98	79837	20.0	20.5	
45 2-Butanone (MEK)	72	4.030	4.030	0.000	96	21102	100.0	93.0	
46 Ethyl acetate	70	4.036	4.036	0.000	95	9565	40.0	38.1	
47 Methyl acrylate	55	4.085	4.085	0.000	99	36885	20.0	22.1	
48 Propionitrile	54	4.164	4.164	0.000	98	51836	200.0	208.0	
50 Tetrahydrofuran	72	4.232	4.232	0.000	63	9343	40.0	37.0	
49 Chlorobromomethane	128	4.238	4.238	0.000	91	32865	20.0	20.1	
51 Methacrylonitrile	67	4.262	4.262	0.000	91	169187	200.0	219.5	
52 Chloroform	83	4.292	4.292	0.000	99	123395	20.0	21.7	
53 Cyclohexane	84	4.427	4.427	0.000	92	105762	20.0	20.7	
54 1,1,1-Trichloroethane	97	4.433	4.433	0.000	95	104326	20.0	21.3	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	144383	50.0	50.0	
56 Carbon tetrachloride	117	4.555	4.555	0.000	98	87741	20.0	20.3	
57 1,1-Dichloropropene	75	4.579	4.579	0.000	98	96206	20.0	20.9	
58 Isobutyl alcohol	43	4.695	4.695	0.000	95	39146	500.0	496.2	
59 Isooctane	57	4.744	4.744	0.000	98	243743	20.0	20.7	
60 Benzene	78	4.774	4.774	0.000	96	292377	20.0	22.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	139122	50.0	50.2	
63 Isopropyl acetate	61	4.835	4.835	0.000	94	26175	20.0	20.6	
62 Tert-amyl methyl ether	73	4.835	4.835	0.000	91	176351	20.0	21.2	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	96	69886	20.0	20.9	
65 n-Heptane	100	4.926	4.926	0.000	93	16675	20.0	20.2	
* 66 Fluorobenzene	96	5.055	5.055	0.000	98	592819	50.0	50.0	
67 n-Butanol	56	5.347	5.347	0.000	86	26676	500.0	619.0	
68 Trichloroethene	95	5.402	5.402	0.000	99	69805	20.0	20.4	
69 Methylcyclohexane	83	5.524	5.524	0.000	85	117608	20.0	19.9	
70 Ethyl acrylate	99	5.530	5.530	0.000	95	8181	20.0	25.2	
71 1,2-Dichloropropane	63	5.682	5.682	0.000	93	71536	20.0	20.8	
* 72 1,4-Dioxane-d8	96	5.731	5.731	0.000	0	16405	1000.0	1000.0	
73 Methyl methacrylate	100	5.762	5.762	0.000	91	21449	40.0	38.7	
75 1,4-Dioxane	88	5.786	5.786	0.000	80	7662	400.0	412.5	
74 Dibromomethane	93	5.810	5.810	0.000	96	31348	20.0	20.7	
76 n-Propyl acetate	43	5.817	5.817	0.000	98	54377	20.0	20.8	
77 Dichlorobromomethane	83	5.957	5.957	0.000	100	81359	20.0	20.3	
79 2-Chloroethyl vinyl ether	63	6.292	6.292	0.000	81	30139	20.0	20.4	
78 2-Nitropropane	41	6.292	6.292	0.000	78	20504	40.0	51.8	
80 Epichlorohydrin	57	6.396	6.396	0.000	99	71598	400.0	424.5	
81 cis-1,3-Dichloropropene	75	6.451	6.451	0.000	92	105439	20.0	21.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.621	6.621	0.000	96	76738	100.0	99.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	100	561750	50.0	50.8	
84 Toluene	91	6.774	6.774	0.000	93	291519	20.0	21.2	
85 trans-1,3-Dichloropropene	75	7.115	7.115	0.000	97	81580	20.0	21.6	
86 Ethyl methacrylate	69	7.158	7.158	0.000	89	66295	20.0	21.0	
87 1,1,2-Trichloroethane	83	7.328	7.328	0.000	97	39692	20.0	22.2	
88 Tetrachloroethene	166	7.377	7.377	0.000	98	67302	20.0	20.1	
89 1,3-Dichloropropane	76	7.542	7.542	0.000	95	76782	20.0	21.6	
90 2-Hexanone	43	7.603	7.603	0.000	96	114385	100.0	98.2	
91 n-Butyl acetate	43	7.725	7.725	0.000	99	64147	20.0	21.3	
92 Chlorodibromomethane	129	7.761	7.761	0.000	98	51865	20.0	20.3	
93 Ethylene Dibromide	107	7.914	7.914	0.000	98	39892	20.0	19.7	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	87	414333	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	94	174882	20.0	21.4	
96 Ethylbenzene	106	8.603	8.603	0.000	99	100322	20.0	21.6	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	95	66124	20.0	20.4	
98 m-Xylene & p-Xylene	106	8.767	8.767	0.000	0	124851	20.0	21.9	
100 n-Butyl acrylate	73	9.273	9.273	0.000	97	41763	20.0	22.0	
99 o-Xylene	106	9.279	9.279	0.000	94	126476	20.0	21.5	
101 Styrene	104	9.310	9.310	0.000	96	199650	20.0	21.5	
103 Amyl acetate (mixed isomers)	43	9.548	9.548	0.000	90	88216	20.0	22.1	
102 Bromoform	173	9.548	9.548	0.000	58	31192	20.0	20.1	
104 Isopropylbenzene	105	9.700	9.700	0.000	96	293809	20.0	21.7	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	90	169111	50.0	49.5	
106 Bromobenzene	156	10.066	10.066	0.000	99	70376	20.0	20.4	
107 1,1,2,2-Tetrachloroethane	83	10.127	10.127	0.000	99	51592	20.0	21.8	
108 N-Propylbenzene	91	10.157	10.157	0.000	99	385040	20.0	22.4	
109 1,2,3-Trichloropropane	110	10.175	10.175	0.000	98	12607	20.0	19.3	
110 trans-1,4-Dichloro-2-butene	53	10.200	10.200	0.000	94	12423	20.0	23.1	
111 2-Chlorotoluene	91	10.261	10.261	0.000	97	258149	20.0	21.8	
112 4-Ethyltoluene	105	10.279	10.279	0.000	98	316367	20.0	22.2	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	92	266113	20.0	22.0	
114 4-Chlorotoluene	91	10.383	10.383	0.000	98	233811	20.0	22.0	
115 Butyl Methacrylate	87	10.468	10.468	0.000	90	90188	20.0	21.5	
116 tert-Butylbenzene	119	10.657	10.657	0.000	94	213363	20.0	21.6	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	98	277639	20.0	22.1	
118 sec-Butylbenzene	105	10.870	10.870	0.000	99	340634	20.0	21.9	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	94	141663	20.0	21.1	
120 4-Isopropyltoluene	119	11.011	11.011	0.000	98	293026	20.0	22.0	
* 121 1,4-Dichlorobenzene-d4	152	11.072	11.072	0.000	96	211089	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	95	138333	20.0	21.3	
123 1,2,3-Trimethylbenzene	105	11.114	11.114	0.000	99	286595	20.0	22.0	
124 Benzyl chloride	91	11.230	11.230	0.000	99	107482	20.0	21.4	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	95	259823	20.0	22.2	
126 p-Diethylbenzene	119	11.358	11.358	0.000	93	183771	20.0	21.8	
127 n-Butylbenzene	92	11.376	11.376	0.000	98	155558	20.0	21.9	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	96	132584	20.0	21.4	
129 1,2,4,5-Tetramethylbenzene	119	12.023	12.023	0.000	98	280281	20.0	22.3	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	96	7589	20.0	20.1	
131 1,3,5-Trichlorobenzene	180	12.218	12.218	0.000	98	122512	20.0	21.2	
132 1,2,4-Trichlorobenzene	180	12.718	12.718	0.000	94	95754	20.0	20.5	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	97	60073	20.0	20.2	
134 Naphthalene	128	12.907	12.907	0.000	99	146487	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.090	13.090	0.000	95	74361	20.0	20.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.7	
S 137 Xylenes, Total	100				0		40.0	43.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.9	
S 140 Total BTEX	1				0		100.0	108.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00018	Amount Added:	20.00	Units: uL	
ACROLEIN W_00169	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	20.00	Units: uL	
GASES Li_00582	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:56:50 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80103.D

Injection Date: 09-May-2024 09:47:30 Instrument ID: CVOAMS17

Lims ID: STD20

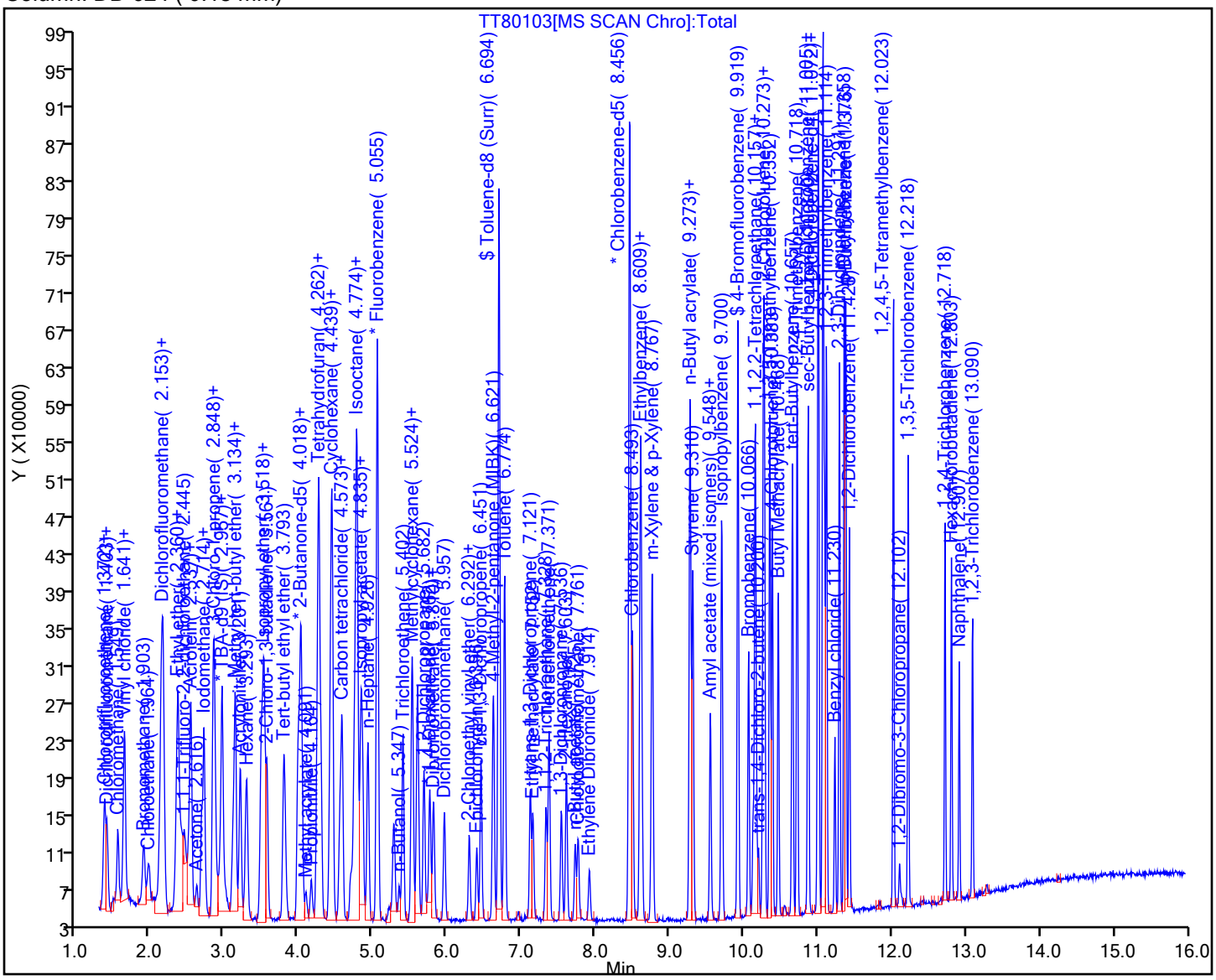
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

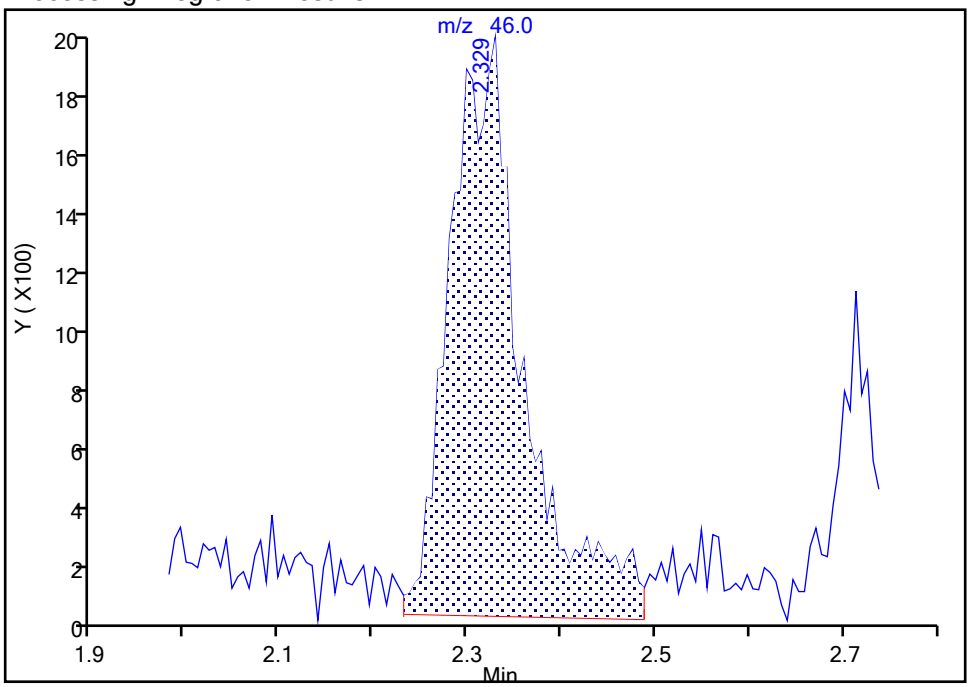
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80103.D
Injection Date: 09-May-2024 09:47:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

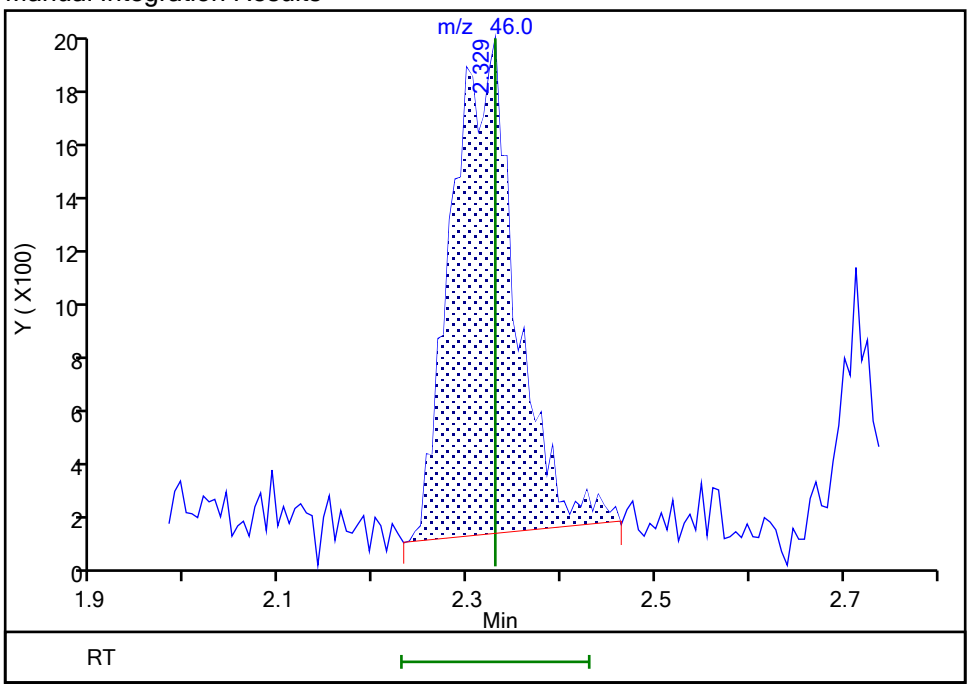
Processing Integration Results

RT: 2.33
Area: 10268
Amount: 939.5080
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 8447
Amount: 820.4335
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:03:01 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

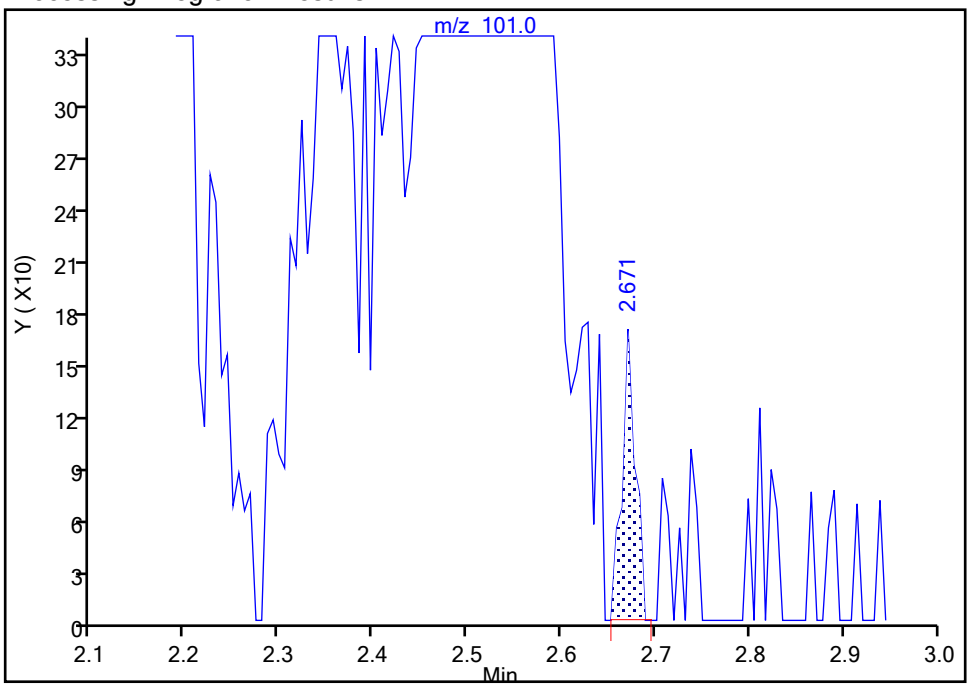
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80103.D
Injection Date: 09-May-2024 09:47:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

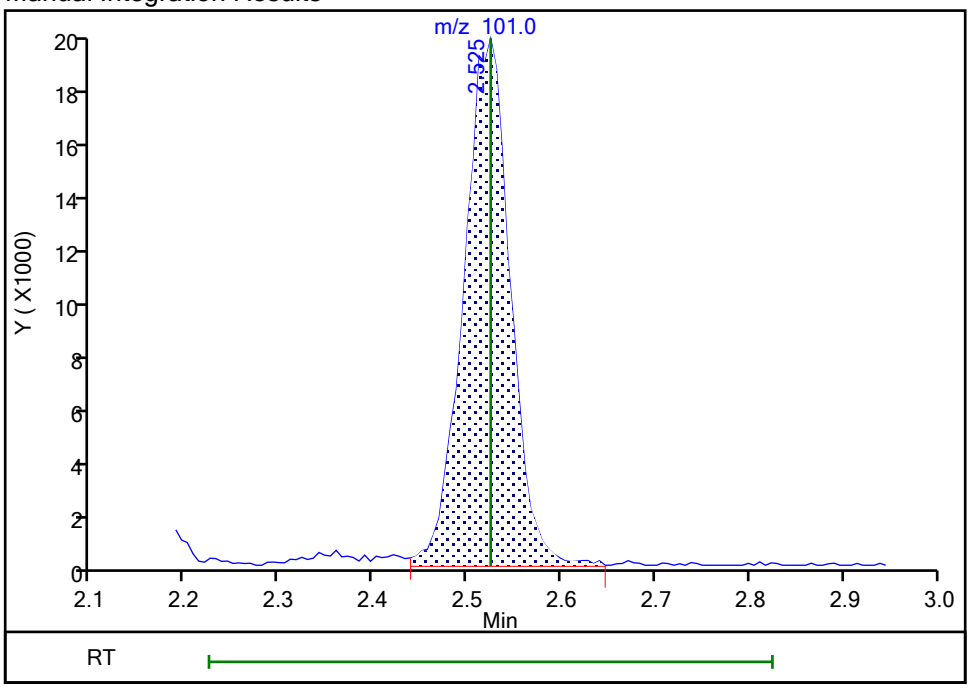
Processing Integration Results

RT: 2.67
Area: 166
Amount: 0.063167
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 67163
Amount: 20.255586
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:22:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

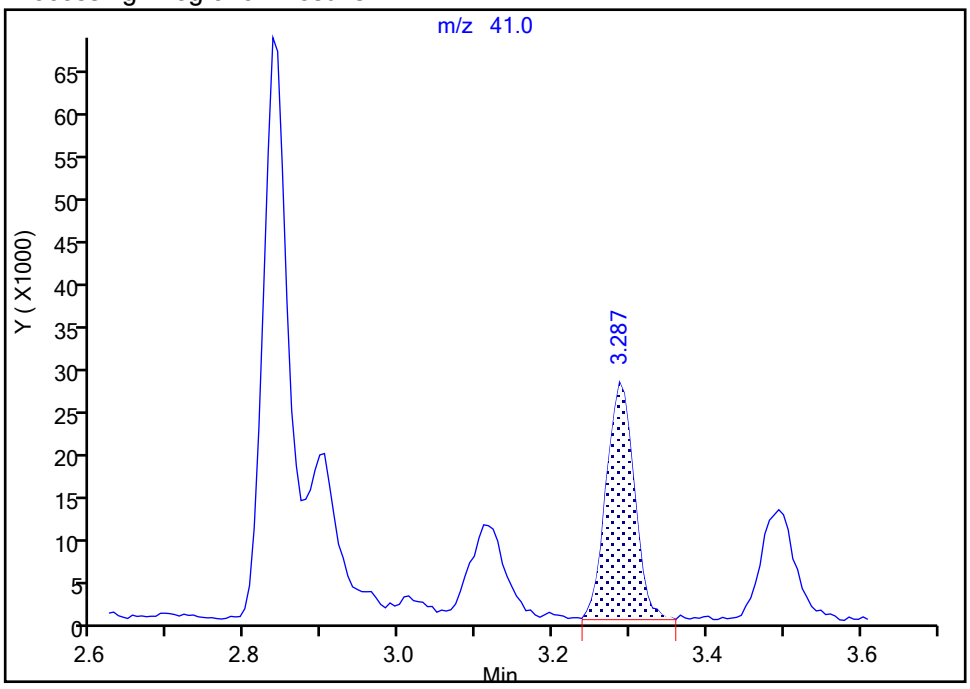
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80103.D
Injection Date: 09-May-2024 09:47:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

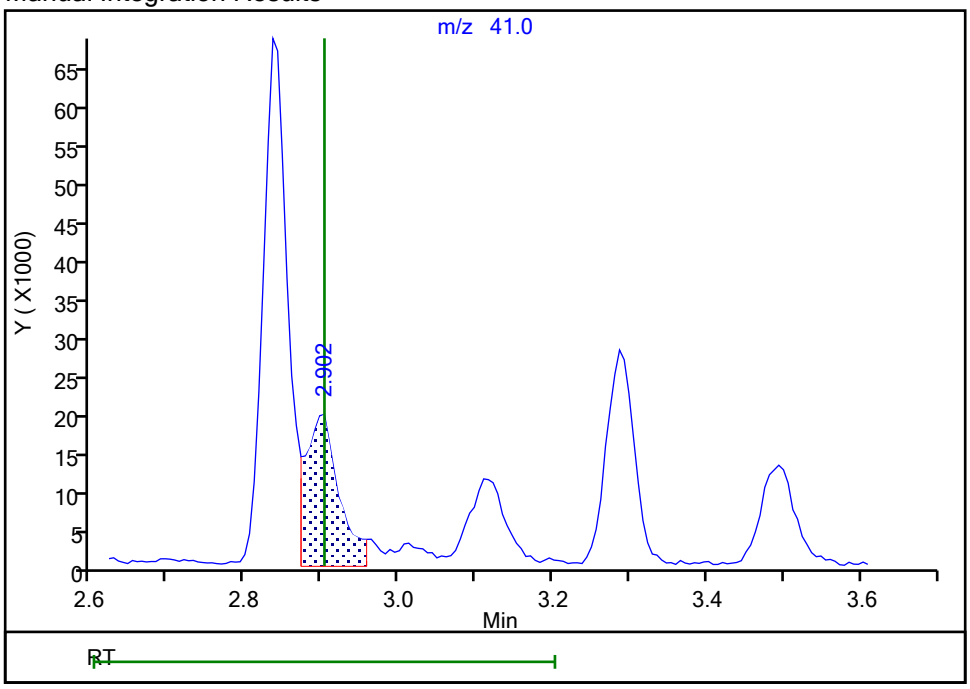
Processing Integration Results

RT: 3.29
Area: 69850
Amount: 94.080201
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 59796
Amount: 242.2929
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:22:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80104.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 09-May-2024 10:07:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0175641-008
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:56:56 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 10:29:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.293	1.299	-0.006	78	2609	50.0	47.1	M
3 Chlorotrifluoroethene	116	1.360	1.366	-0.006	66	78361	50.0	56.0	
2 1,1-Difluoroethane	65	1.366	1.366	0.000	97	108767	50.0	54.1	
4 Dichlorodifluoromethane	85	1.390	1.391	-0.001	99	250137	50.0	57.9	
5 Chlorodifluoromethane	67	1.409	1.409	0.000	98	37832	50.0	55.9	
6 Chloromethane	50	1.549	1.549	0.000	99	221747	50.0	53.1	
7 Vinyl chloride	62	1.640	1.641	-0.001	98	213222	50.0	55.1	
8 Butadiene	54	1.640	1.641	-0.001	95	191438	50.0	52.9	
9 Bromomethane	94	1.903	1.897	0.006	99	129728	50.0	52.8	
10 Chloroethane	64	1.964	1.964	0.000	99	115242	50.0	53.3	
11 Dichlorofluoromethane	67	2.128	2.134	-0.006	99	386293	50.0	54.8	
12 Trichlorofluoromethane	101	2.140	2.140	0.000	98	264463	50.0	56.5	
13 Pentane	72	2.159	2.159	0.000	97	70472	100.0	109.7	
14 Ethanol	46	2.311	2.329	-0.018	69	20858	2000.0	1980.5	M
15 Ethyl ether	74	2.335	2.336	-0.001	95	87863	50.0	49.2	
16 2-Methyl-1,3-butadiene	53	2.360	2.360	0.000	95	172175	50.0	52.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.396	2.390	0.006	88	179551	50.0	54.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.457	-0.006	90	284333	50.0	55.5	
19 Acrolein	56	2.500	2.500	0.000	95	34787	100.0	90.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.518	2.525	-0.007	97	180338	50.0	54.2	a
21 1,1-Dichloroethene	96	2.537	2.537	0.000	99	183079	50.0	54.8	
22 Acetone	43	2.616	2.616	0.000	88	122005	250.0	212.3	
23 Iodomethane	142	2.677	2.683	-0.006	96	341528	50.0	55.3	
25 Isopropyl alcohol	45	2.701	2.695	0.006	47	55353	500.0	486.8	
24 Carbon disulfide	76	2.713	2.714	-0.001	99	696139	50.0	54.3	
26 3-Chloro-1-propene	76	2.835	2.835	0.000	99	124096	50.0	54.6	
27 Methyl acetate	43	2.841	2.848	-0.007	98	135402	100.0	99.0	
28 Cyclopentene	67	2.854	2.860	-0.006	94	412789	50.0	54.3	
29 Acetonitrile	41	2.896	2.902	-0.006	94	127234	500.0	545.5	a
* 31 TBA-d9 (IS)	66	2.951	2.951	0.000	0	28905	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.957	2.957	0.000	91	200527	50.0	53.6	
32 2-Methyl-2-propanol	59	3.012	3.012	0.000	99	94986	500.0	517.1	
33 Methyl tert-butyl ether	73	3.116	3.110	0.006	97	415102	50.0	52.5	
34 trans-1,2-Dichloroethene	96	3.134	3.140	-0.006	95	198564	50.0	53.1	
35 Acrylonitrile	53	3.201	3.201	0.000	95	356363	500.0	493.2	
36 Hexane	57	3.286	3.293	-0.007	92	254996	50.0	54.2	
37 Isopropyl ether	45	3.494	3.488	0.006	95	574436	50.0	51.0	
38 1,1-Dichloroethane	63	3.518	3.518	0.000	99	334357	50.0	53.2	
39 Vinyl acetate	86	3.530	3.524	0.006	100	48947	100.0	103.2	
40 2-Chloro-1,3-butadiene	88	3.561	3.567	-0.006	90	164425	50.0	52.3	
41 Tert-butyl ethyl ether	59	3.792	3.793	-0.001	88	517224	50.0	52.8	
* 42 2-Butanone-d5	46	3.981	3.982	-0.001	0	170178	250.0	250.0	
43 2,2-Dichloropropane	97	4.006	4.006	0.000	96	66874	50.0	50.5	
44 cis-1,2-Dichloroethene	96	4.018	4.024	-0.006	98	203967	50.0	52.2	
45 2-Butanone (MEK)	72	4.036	4.030	0.006	96	50816	250.0	237.0	
46 Ethyl acetate	70	4.036	4.036	0.000	95	22340	100.0	94.2	
47 Methyl acrylate	55	4.091	4.085	0.006	99	87260	50.0	52.2	
48 Propionitrile	54	4.158	4.164	-0.006	99	124762	500.0	489.4	
50 Tetrahydrofuran	72	4.237	4.232	0.005	49	23073	100.0	96.6	a
49 Chlorobromomethane	128	4.237	4.238	-0.001	89	85275	50.0	51.8	
51 Methacrylonitrile	67	4.262	4.262	0.000	90	414065	500.0	534.8	
52 Chloroform	83	4.292	4.292	0.000	99	302200	50.0	52.8	
53 Cyclohexane	84	4.420	4.427	-0.007	91	275494	50.0	53.6	
54 1,1,1-Trichloroethane	97	4.433	4.433	0.000	98	262649	50.0	53.5	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	146633	50.0	50.6	
56 Carbon tetrachloride	117	4.548	4.555	-0.007	99	227434	50.0	52.4	
57 1,1-Dichloropropene	75	4.579	4.579	0.000	97	241480	50.0	52.3	
58 Isobutyl alcohol	43	4.695	4.695	0.000	95	94129	1250.0	1166.4	
59 Isooctane	57	4.743	4.744	-0.001	99	648638	50.0	55.0	
60 Benzene	78	4.774	4.774	0.000	97	725456	50.0	53.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	136849	50.0	49.1	
63 Isopropyl acetate	61	4.835	4.835	0.000	94	64649	50.0	50.7	
62 Tert-amyl methyl ether	73	4.835	4.835	0.000	91	456189	50.0	54.6	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	96	170143	50.0	50.5	
65 n-Heptane	100	4.926	4.926	0.000	91	45156	50.0	55.4	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	595372	50.0	50.0	
67 n-Butanol	56	5.341	5.347	-0.006	87	58242	1250.0	1317.4	
68 Trichloroethene	95	5.396	5.402	-0.006	100	180554	50.0	52.5	
69 Methylcyclohexane	83	5.524	5.524	0.000	86	311783	50.0	52.5	
70 Ethyl acrylate	99	5.524	5.530	-0.006	96	19960	50.0	60.4	
71 1,2-Dichloropropane	63	5.682	5.682	0.000	94	179967	50.0	52.2	
* 72 1,4-Dioxane-d8	96	5.737	5.731	0.006	0	21455	1000.0	1000.0	
73 Methyl methacrylate	100	5.762	5.762	0.000	88	57088	100.0	102.6	
75 1,4-Dioxane	88	5.792	5.786	0.006	52	19808	1000.0	815.4	
74 Dibromomethane	93	5.810	5.810	0.000	95	80232	50.0	52.8	
76 n-Propyl acetate	43	5.816	5.817	-0.001	98	131452	50.0	50.0	
77 Dichlorobromomethane	83	5.957	5.957	0.000	99	202081	50.0	50.3	
79 2-Chloroethyl vinyl ether	63	6.292	6.292	0.000	81	74229	50.1	50.1	
78 2-Nitropropane	41	6.292	6.292	0.000	77	44714	100.0	112.1	
80 Epichlorohydrin	57	6.396	6.396	0.000	99	169992	1000.0	1070.1	
81 cis-1,3-Dichloropropene	75	6.450	6.451	-0.001	91	263613	50.0	51.5	
82 4-Methyl-2-pentanone (MIBK)	58	6.615	6.621	-0.006	95	194660	250.0	268.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	567438	50.0	49.5	
84 Toluene	91	6.774	6.774	0.000	93	739073	50.0	51.9	
85 trans-1,3-Dichloropropene	75	7.115	7.115	0.000	97	201534	50.0	51.4	
86 Ethyl methacrylate	69	7.152	7.158	-0.006	89	166002	50.0	50.8	
87 1,1,2-Trichloroethane	83	7.328	7.328	0.000	97	98587	50.0	53.1	
88 Tetrachloroethene	166	7.371	7.377	-0.006	98	182300	50.0	52.7	
89 1,3-Dichloropropane	76	7.536	7.542	-0.006	93	188654	50.0	51.2	
90 2-Hexanone	43	7.603	7.603	0.000	95	276015	250.0	250.8	
91 n-Butyl acetate	43	7.725	7.725	0.000	99	154617	50.0	49.5	
92 Chlorodibromomethane	129	7.767	7.761	0.006	99	135038	50.0	50.9	
93 Ethylene Dibromide	107	7.914	7.914	0.000	98	106157	50.0	50.7	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	85	429288	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	95	457685	50.0	54.0	
96 Ethylbenzene	106	8.602	8.603	-0.001	98	256533	50.0	53.4	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	97	171086	50.0	51.0	
98 m-Xylene & p-Xylene	106	8.761	8.767	-0.006	0	316230	50.0	53.5	
100 n-Butyl acrylate	73	9.273	9.273	0.000	97	106772	50.0	54.3	
99 o-Xylene	106	9.279	9.279	0.000	94	317959	50.0	52.1	
101 Styrene	104	9.310	9.310	0.000	95	507099	50.0	52.7	
103 Amyl acetate (mixed isomers)	43	9.547	9.548	-0.001	91	212924	50.0	50.4	
102 Bromoform	173	9.547	9.548	-0.001	60	82815	50.0	51.5	
104 Isopropylbenzene	105	9.706	9.700	0.006	96	747491	50.0	53.3	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	91	177733	50.0	50.2	
106 Bromobenzene	156	10.066	10.066	0.000	99	188338	50.0	51.7	
107 1,1,2,2-Tetrachloroethane	83	10.127	10.127	0.000	99	128264	50.0	51.3	
108 N-Propylbenzene	91	10.157	10.157	0.000	99	964825	50.0	53.3	
109 1,2,3-Trichloropropane	110	10.175	10.175	0.000	98	31406	50.0	45.6	
110 trans-1,4-Dichloro-2-butene	53	10.200	10.200	0.000	95	30131	50.0	53.1	
111 2-Chlorotoluene	91	10.261	10.261	0.000	97	653264	50.0	52.2	
112 4-Ethyltoluene	105	10.279	10.279	0.000	98	799273	50.0	53.2	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	92	680321	50.0	53.4	
114 4-Chlorotoluene	91	10.383	10.383	0.000	98	579575	50.0	51.7	
115 Butyl Methacrylate	87	10.468	10.468	0.000	87	240569	50.0	54.4	
116 tert-Butylbenzene	119	10.657	10.657	0.000	94	562056	50.0	53.9	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	98	704733	50.0	53.2	
118 sec-Butylbenzene	105	10.870	10.870	0.000	99	882913	50.0	53.7	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	96	369894	50.0	52.2	
120 4-Isopropyltoluene	119	11.011	11.011	0.000	98	757860	50.0	53.9	
* 121 1,4-Dichlorobenzene-d4	152	11.072	11.072	0.000	95	222799	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	95	361229	50.0	52.6	
123 1,2,3-Trimethylbenzene	105	11.114	11.114	0.000	99	725100	50.0	52.8	
124 Benzyl chloride	91	11.230	11.230	0.000	99	267613	50.0	50.4	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	94	653993	50.0	52.9	
126 p-Diethylbenzene	119	11.358	11.358	0.000	94	471376	50.0	53.1	
127 n-Butylbenzene	92	11.376	11.376	0.000	98	394975	50.0	52.8	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	97	340921	50.0	52.2	
129 1,2,4,5-Tetramethylbenzene	119	12.023	12.023	0.000	98	723310	50.0	54.5	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	96	18902	50.0	47.4	
131 1,3,5-Trichlorobenzene	180	12.218	12.218	0.000	98	320881	50.0	52.7	
132 1,2,4-Trichlorobenzene	180	12.718	12.718	0.000	94	255452	50.0	51.8	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	98	160574	50.0	51.2	
134 Naphthalene	128	12.907	12.907	0.000	99	382888	50.0	53.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.089	13.090	-0.001	95	199270	50.0	51.4	
S 136 1,2-Dichloroethene, Total	100				0		100.0	105.3	
S 137 Xylenes, Total	100				0		100.0	105.6	
S 139 1,3-Dichloropropene, Total	1				0		100.0	102.9	
S 140 Total BTEX	1				0		250.0	263.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00169	Amount Added:	10.00	Units: uL	
524FREONS_00018	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	50.00	Units: uL	
GASES Li_00582	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:56:57 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80104.D

Injection Date: 09-May-2024 10:07:30 Instrument ID: CVOAMS17

Lims ID: STD50

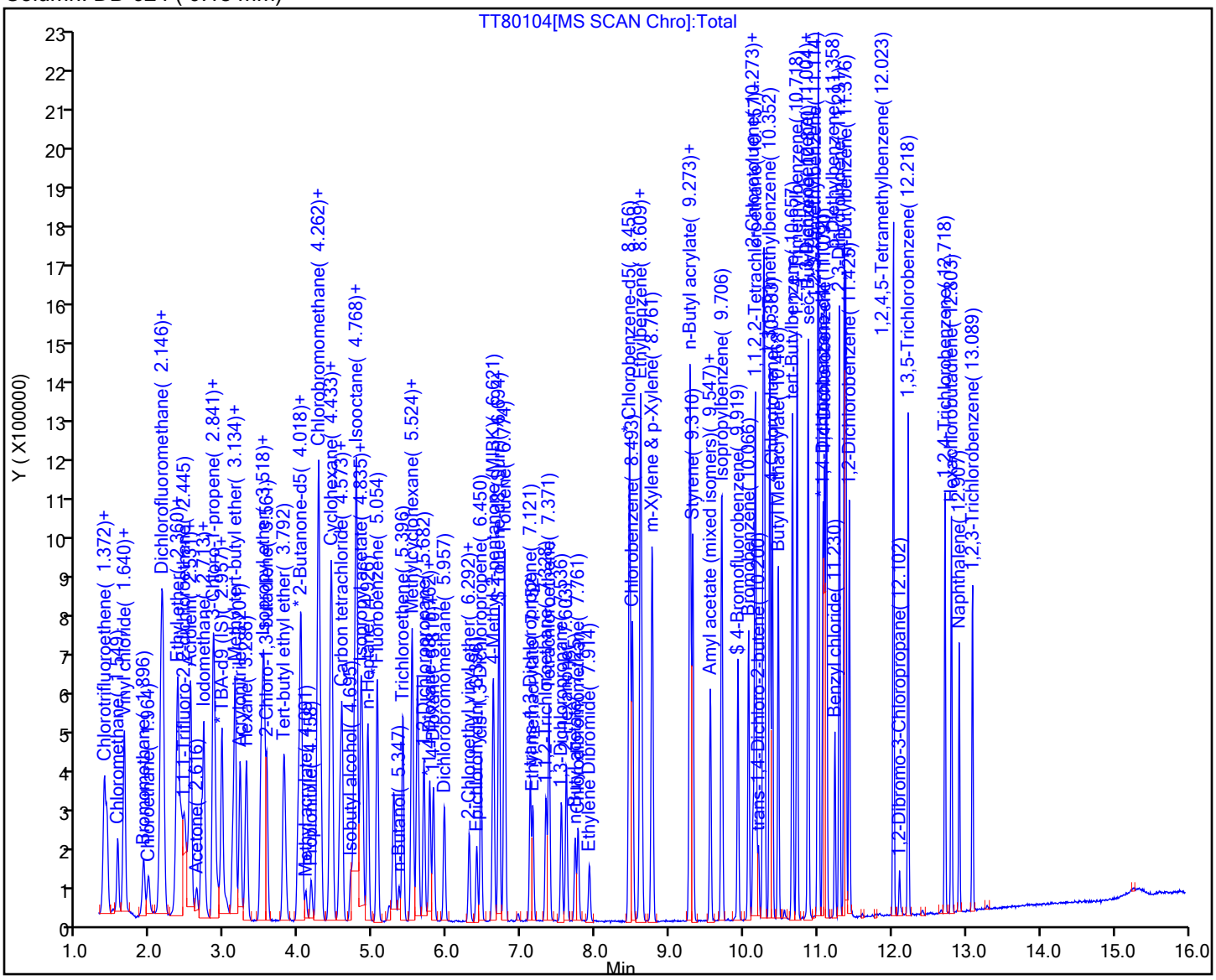
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

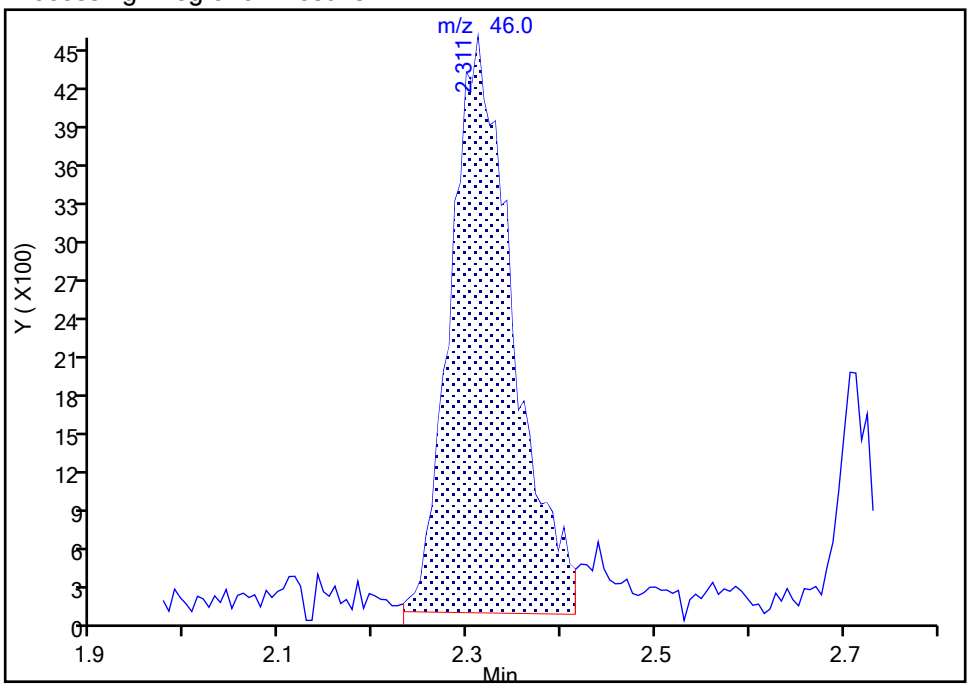
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80104.D
Injection Date: 09-May-2024 10:07:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

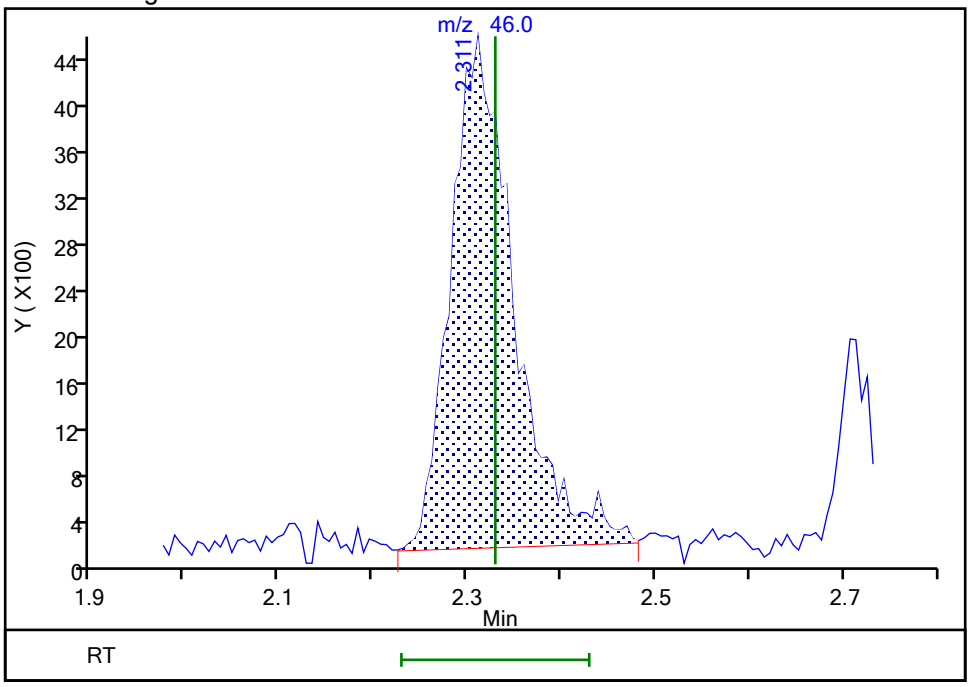
Processing Integration Results

RT: 2.31
Area: 21026
Amount: 1994.6888
Amount Units: ug/l



Manual Integration Results

RT: 2.31
Area: 20858
Amount: 1980.4624
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:03:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

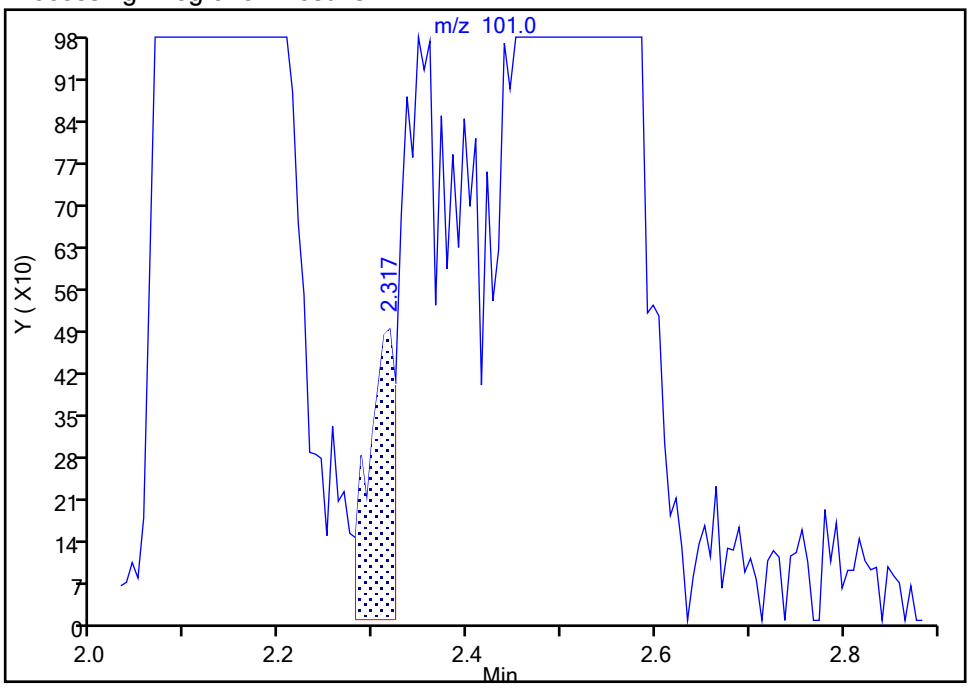
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80104.D
Injection Date: 09-May-2024 10:07:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

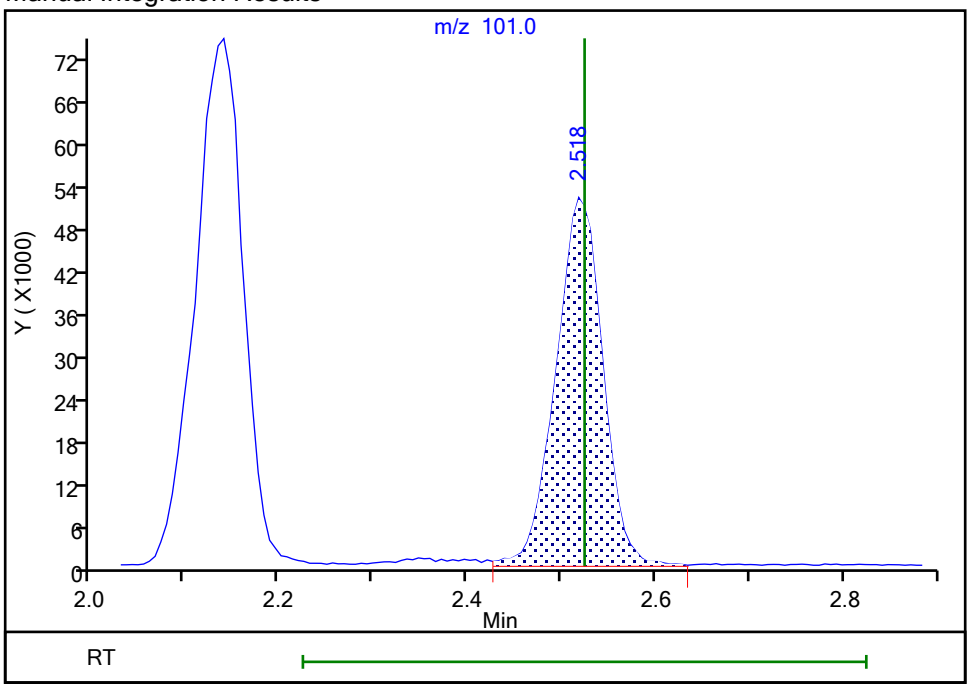
Processing Integration Results

RT: 2.32
Area: 985
Amount: 0.435321
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 180338
Amount: 54.154642
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:28:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison

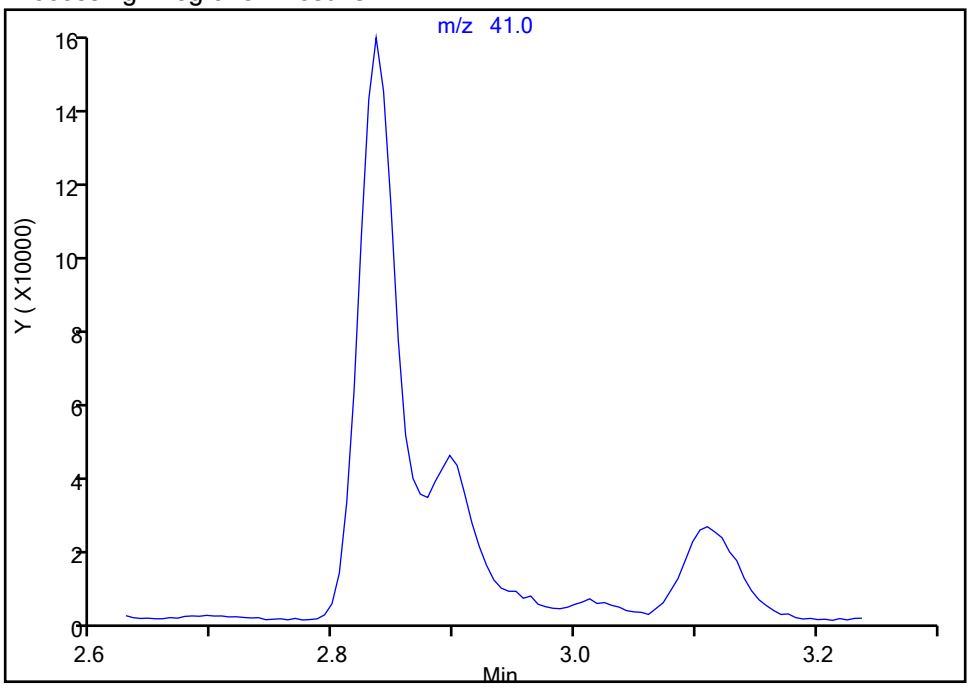
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80104.D
Injection Date: 09-May-2024 10:07:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

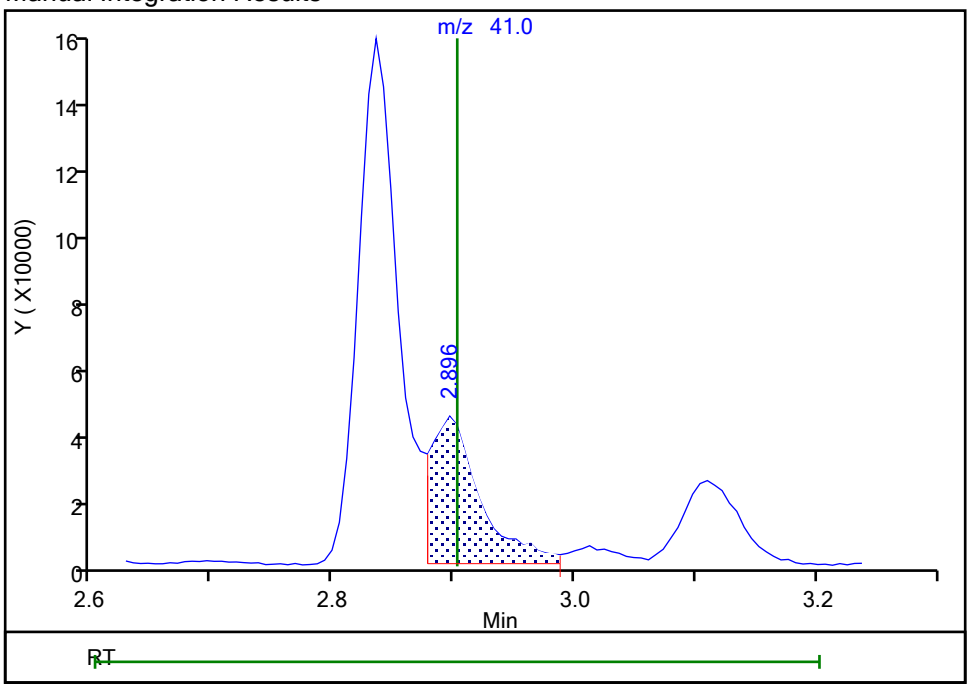
Not Detected
Expected RT: 2.90

Processing Integration Results



Manual Integration Results

RT: 2.90
Area: 127234
Amount: 545.5308
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:29:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins Edison

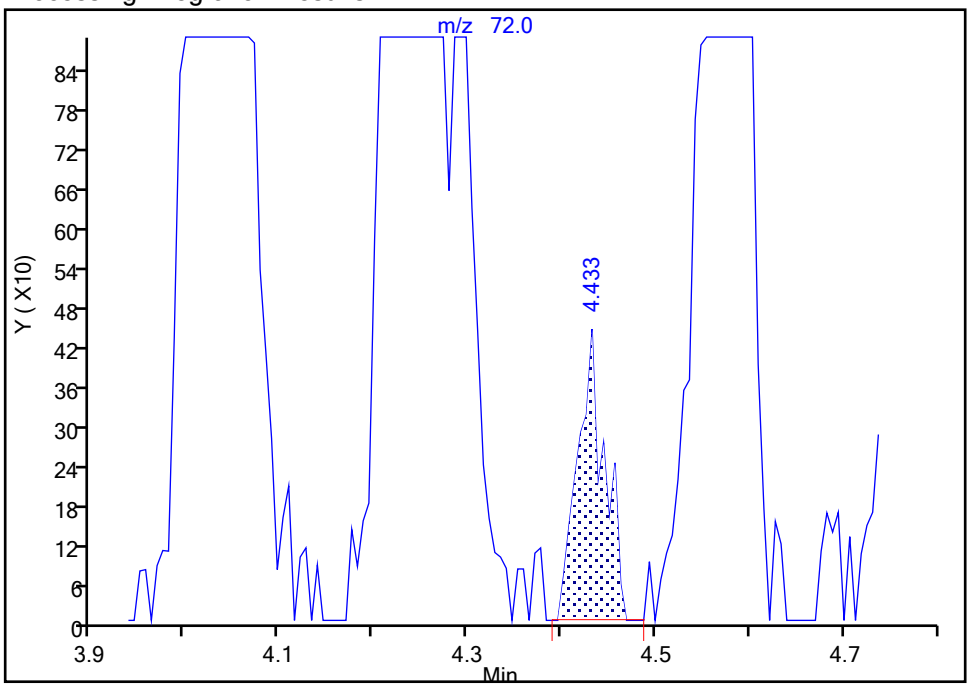
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80104.D
Injection Date: 09-May-2024 10:07:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

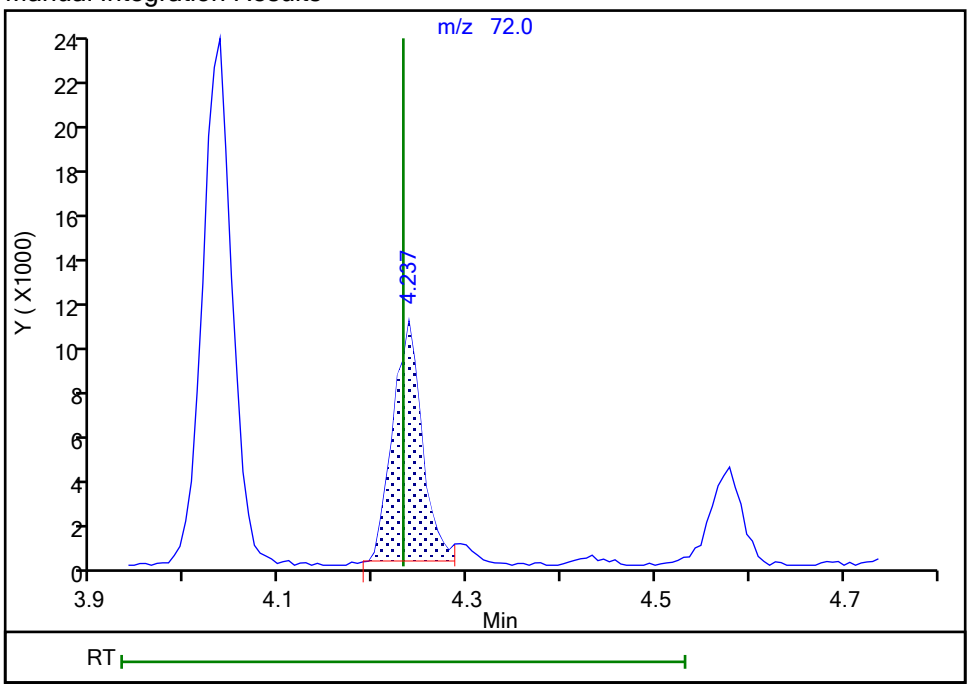
Processing Integration Results

RT: 4.43
Area: 874
Amount: 2.901449
Amount Units: ug/l



Manual Integration Results

RT: 4.24
Area: 23073
Amount: 96.592105
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:29:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 09-May-2024 10:26:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0175641-009
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:57:03 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 10:50:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.293	1.299	-0.006	91	11161	200.0	194.8	Ma
3 Chlorotrifluoroethene	116	1.372	1.366	0.006	86	254802	200.0	176.0	
2 1,1-Difluoroethane	65	1.378	1.366	0.012	97	401327	200.0	192.7	
4 Dichlorodifluoromethane	85	1.403	1.391	0.012	100	868625	200.0	194.1	
5 Chlorodifluoromethane	67	1.409	1.409	0.000	99	130864	200.0	186.7	
6 Chloromethane	50	1.561	1.549	0.012	99	775997	200.0	179.4	
7 Vinyl chloride	62	1.647	1.641	0.006	98	725217	200.0	181.0	
8 Butadiene	54	1.647	1.641	0.006	90	608979	200.0	162.4	
9 Bromomethane	94	1.903	1.897	0.006	99	457684	200.0	180.0	
10 Chloroethane	64	1.970	1.964	0.006	99	400345	200.0	179.0	
11 Dichlorofluoromethane	67	2.134	2.134	0.000	99	1475479	200.0	202.2	
12 Trichlorofluoromethane	101	2.147	2.140	0.006	99	932770	200.0	192.3	
13 Pentane	72	2.171	2.159	0.012	96	192436	400.0	289.3	
14 Ethanol	46	2.305	2.329	-0.024	96	72207	8000.0	7070.3	a
15 Ethyl ether	74	2.342	2.336	0.006	95	323402	200.0	174.8	
16 2-Methyl-1,3-butadiene	53	2.366	2.360	0.006	94	542369	200.0	160.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.409	2.390	0.019	93	646312	200.0	189.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.457	2.457	0.000	97	1010752	200.0	190.5	
19 Acrolein	56	2.506	2.500	0.006	94	72477	200.0	181.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.531	2.525	0.006	95	585658	200.0	169.9	a
21 1,1-Dichloroethene	96	2.543	2.537	0.006	98	639145	200.0	184.8	
22 Acetone	43	2.622	2.616	0.006	88	698136	1000.0	1228.5	
23 Iodomethane	142	2.689	2.683	0.006	97	1221860	200.0	191.3	
25 Isopropyl alcohol	45	2.701	2.695	0.006	97	185192	2000.0	1679.7	a
24 Carbon disulfide	76	2.720	2.714	0.006	99	2259637	200.0	170.3	
26 3-Chloro-1-propene	76	2.841	2.835	0.006	99	418594	200.0	177.9	
27 Methyl acetate	43	2.848	2.848	0.000	99	461505	400.0	325.8	
28 Cyclopentene	67	2.866	2.860	0.006	94	1283437	200.0	163.0	
29 Acetonitrile	41	2.902	2.902	0.000	98	416486	2000.0	1805.7	a
* 31 TBA-d9 (IS)	66	2.945	2.951	-0.006	0	28029	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.963	2.957	0.006	90	716849	200.0	185.3	
32 2-Methyl-2-propanol	59	3.024	3.012	0.012	99	329886	2000.0	1852.2	
33 Methyl tert-butyl ether	73	3.116	3.110	0.006	97	1549751	200.0	189.5	
34 trans-1,2-Dichloroethene	96	3.140	3.140	0.000	95	704897	200.0	182.0	
35 Acrylonitrile	53	3.207	3.201	0.006	94	1252702	2000.0	1674.6	
36 Hexane	57	3.293	3.293	0.000	92	773874	200.0	158.9	
37 Isopropyl ether	45	3.494	3.488	0.006	96	2056213	200.0	176.2	
38 1,1-Dichloroethane	63	3.524	3.518	0.006	100	1196724	200.0	184.1	
39 Vinyl acetate	86	3.536	3.524	0.012	100	173608	400.0	370.1	
40 2-Chloro-1,3-butadiene	88	3.567	3.567	0.000	90	586216	200.0	180.1	
41 Tert-butyl ethyl ether	59	3.799	3.793	0.006	89	1922015	200.0	189.5	
* 42 2-Butanone-d5	46	3.982	3.982	0.000	0	168296	250.0	250.0	a
43 2,2-Dichloropropane	97	4.012	4.006	0.006	95	245179	200.0	178.8	
44 cis-1,2-Dichloroethene	96	4.024	4.024	0.000	98	747404	200.0	184.8	
45 2-Butanone (MEK)	72	4.036	4.030	0.006	96	220610	1000.0	1040.3	
46 Ethyl acetate	70	4.042	4.036	0.006	94	85470	400.0	364.3	
47 Methyl acrylate	55	4.091	4.085	0.006	100	317810	200.0	183.5	
48 Propionitrile	54	4.164	4.164	0.000	99	447321	2000.0	1809.3	
50 Tetrahydrofuran	72	4.238	4.232	0.006	90	81943	400.0	346.9	
49 Chlorobromomethane	128	4.244	4.238	0.006	91	311569	200.0	183.0	
51 Methacrylonitrile	67	4.268	4.262	0.006	90	1512991	2000.0	1887.8	
52 Chloroform	83	4.299	4.292	0.007	100	1078472	200.0	182.1	
53 Cyclohexane	84	4.427	4.427	0.000	90	884355	200.0	166.1	
54 1,1,1-Trichloroethane	97	4.439	4.433	0.006	99	950301	200.0	187.0	
$ 55 Dibromofluoromethane (Surr)	113	4.451	4.445	0.006	98	151297	50.0	50.4	
56 Carbon tetrachloride	117	4.555	4.555	0.000	99	813251	200.0	181.0	
57 1,1-Dichloropropene	75	4.585	4.579	0.006	98	870081	200.0	181.9	
58 Isobutyl alcohol	43	4.701	4.695	0.006	96	374629	5000.0	4787.1	
59 Isooctane	57	4.756	4.744	0.012	99	2095475	200.0	171.5	
60 Benzene	78	4.774	4.774	0.000	97	2619903	200.0	185.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	140863	50.0	48.9	
63 Isopropyl acetate	61	4.835	4.835	0.000	94	235934	200.0	178.6	
62 Tert-amyl methyl ether	73	4.841	4.835	0.006	92	1637072	200.0	189.4	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	97	619642	200.0	177.8	
65 n-Heptane	100	4.933	4.926	0.007	91	152846	200.0	182.7	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	616347	50.0	50.0	
67 n-Butanol	56	5.347	5.347	0.000	86	215555	5000.0	4956.3	
68 Trichloroethene	95	5.402	5.402	0.000	98	672108	200.0	188.7	
69 Methylcyclohexane	83	5.530	5.524	0.006	94	1040088	200.0	169.3	
70 Ethyl acrylate	99	5.524	5.530	-0.006	99	70597	200.0	195.6	
71 1,2-Dichloropropane	63	5.688	5.682	0.006	94	668369	200.0	187.1	
* 72 1,4-Dioxane-d8	96	5.737	5.731	0.006	0	14193	1000.0	1000.0	
73 Methyl methacrylate	100	5.768	5.762	0.006	93	213113	400.0	370.1	
75 1,4-Dioxane	88	5.792	5.786	0.006	89	67773	4000.0	4217.2	
74 Dibromomethane	93	5.810	5.810	0.000	95	295469	200.0	187.9	
76 n-Propyl acetate	43	5.823	5.817	0.006	98	472450	200.0	173.7	
77 Dichlorobromomethane	83	5.963	5.957	0.006	99	760800	200.0	183.0	
79 2-Chloroethyl vinyl ether	63	6.298	6.292	0.006	97	276616	200.5	180.4	
78 2-Nitropropane	41	6.292	6.292	0.000	98	165278	400.0	393.5	
80 Epichlorohydrin	57	6.396	6.396	0.000	99	614260	4000.0	3968.4	
81 cis-1,3-Dichloropropene	75	6.457	6.451	0.006	91	986731	200.0	187.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.621	6.621	0.000	95	713989	1000.0	994.9	Ma

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.700	6.694	0.006	100	581188	50.0	49.2	
84 Toluene	91	6.774	6.774	0.000	94	2670411	200.0	182.0	
85 trans-1,3-Dichloropropene	75	7.121	7.115	0.006	97	752521	200.0	186.3	
86 Ethyl methacrylate	69	7.158	7.158	0.000	88	610866	200.0	181.5	
87 1,1,2-Trichloroethane	83	7.335	7.328	0.007	97	368107	200.0	192.6	
88 Tetrachloroethene	166	7.371	7.377	-0.006	98	679271	200.0	190.5	
89 1,3-Dichloropropane	76	7.542	7.542	0.000	93	711534	200.0	187.3	
90 2-Hexanone	43	7.609	7.603	0.006	94	1116551	1000.0	1025.9	
91 n-Butyl acetate	43	7.725	7.725	0.000	99	562106	200.0	174.8	
92 Chlorodibromomethane	129	7.767	7.761	0.006	99	511129	200.0	187.1	
93 Ethylene Dibromide	107	7.920	7.914	0.006	99	393117	200.0	182.2	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	85	442250	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	95	1693511	200.0	193.8	
96 Ethylbenzene	106	8.609	8.603	0.006	98	940303	200.0	190.1	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	97	634398	200.0	183.7	
98 m-Xylene & p-Xylene	106	8.767	8.767	0.000	0	1160874	200.0	190.6	
100 n-Butyl acrylate	73	9.273	9.273	0.000	97	369385	200.0	182.4	
99 o-Xylene	106	9.279	9.279	0.000	94	1161248	200.0	184.8	
101 Styrene	104	9.310	9.310	0.000	95	1831815	200.0	184.7	
103 Amyl acetate (mixed isomers)	43	9.548	9.548	0.000	91	749111	200.0	179.1	
102 Bromoform	173	9.554	9.548	0.006	65	314589	200.0	189.9	
104 Isopropylbenzene	105	9.706	9.700	0.006	96	2669908	200.0	184.9	
$ 105 4-Bromofluorobenzene	174	9.925	9.919	0.006	94	184255	50.0	50.6	
106 Bromobenzene	156	10.066	10.066	0.000	97	708143	200.0	196.1	
107 1,1,2,2-Tetrachloroethane	83	10.127	10.127	0.000	99	461798	200.0	186.5	
108 N-Propylbenzene	91	10.157	10.157	0.000	100	3358999	200.0	187.1	
109 1,2,3-Trichloropropane	110	10.175	10.175	0.000	98	118293	200.0	173.2	
110 trans-1,4-Dichloro-2-butene	53	10.200	10.200	0.000	95	111290	200.0	197.8	
111 2-Chlorotoluene	91	10.261	10.261	0.000	97	2325815	200.0	187.4	
112 4-Ethyltoluene	105	10.279	10.279	0.000	98	2817521	200.0	189.2	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	93	2447597	200.0	193.7	
114 4-Chlorotoluene	91	10.389	10.383	0.006	97	2107458	200.0	189.8	
115 Butyl Methacrylate	87	10.468	10.468	0.000	87	859382	200.0	196.2	
116 tert-Butylbenzene	119	10.657	10.657	0.000	94	2074623	200.0	200.9	
117 1,2,4-Trimethylbenzene	105	10.724	10.718	0.006	97	2472840	200.0	188.4	
118 sec-Butylbenzene	105	10.870	10.870	0.000	98	3078337	200.0	188.9	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	96	1342276	200.0	191.3	
120 4-Isopropyltoluene	119	11.011	11.011	0.000	97	2656988	200.0	190.6	
* 121 1,4-Dichlorobenzene-d4	152	11.072	11.072	0.000	94	220798	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	94	1323465	200.0	194.6	
123 1,2,3-Trimethylbenzene	105	11.120	11.114	0.006	98	2622376	200.0	192.5	
124 Benzyl chloride	91	11.230	11.230	0.000	99	970862	200.0	184.5	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	95	2318950	200.0	189.4	
126 p-Diethylbenzene	119	11.358	11.358	0.000	94	1648364	200.0	187.3	
127 n-Butylbenzene	92	11.376	11.376	0.000	98	1374079	200.0	185.4	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	97	1235592	200.0	190.8	
129 1,2,4,5-Tetramethylbenzene	119	12.023	12.023	0.000	98	2527593	200.0	192.2	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	96	69305	200.0	175.5	
131 1,3,5-Trichlorobenzene	180	12.218	12.218	0.000	97	1202447	200.0	199.1	
132 1,2,4-Trichlorobenzene	180	12.718	12.718	0.000	94	943201	200.0	193.0	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	98	613778	200.0	197.4	
134 Naphthalene	128	12.913	12.907	0.006	99	1352002	200.0	190.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.089	13.090	-0.001	95	720588	200.0	187.6	
S 136 1,2-Dichloroethene, Total	100				0		400.0	366.7	
S 137 Xylenes, Total	100				0		400.0	375.5	
S 139 1,3-Dichloropropene, Total	1				0		400.0	373.5	
S 140 Total BTEX	1				0		1000.0	933.2	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

MIX 2 Hi_00149	Amount Added:	20.00	Units: uL	
MIX I Hi_00176	Amount Added:	20.00	Units: uL	
Ethanol mix_00089	Amount Added:	20.00	Units: uL	
7 Freons Hi_00002	Amount Added:	20.00	Units: uL	
ACROLEIN W_00169	Amount Added:	20.00	Units: uL	
GAS Hi_00469	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:57:04 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D

Injection Date: 09-May-2024 10:26:30 Instrument ID: CVOAMS17

Lims ID: STD200

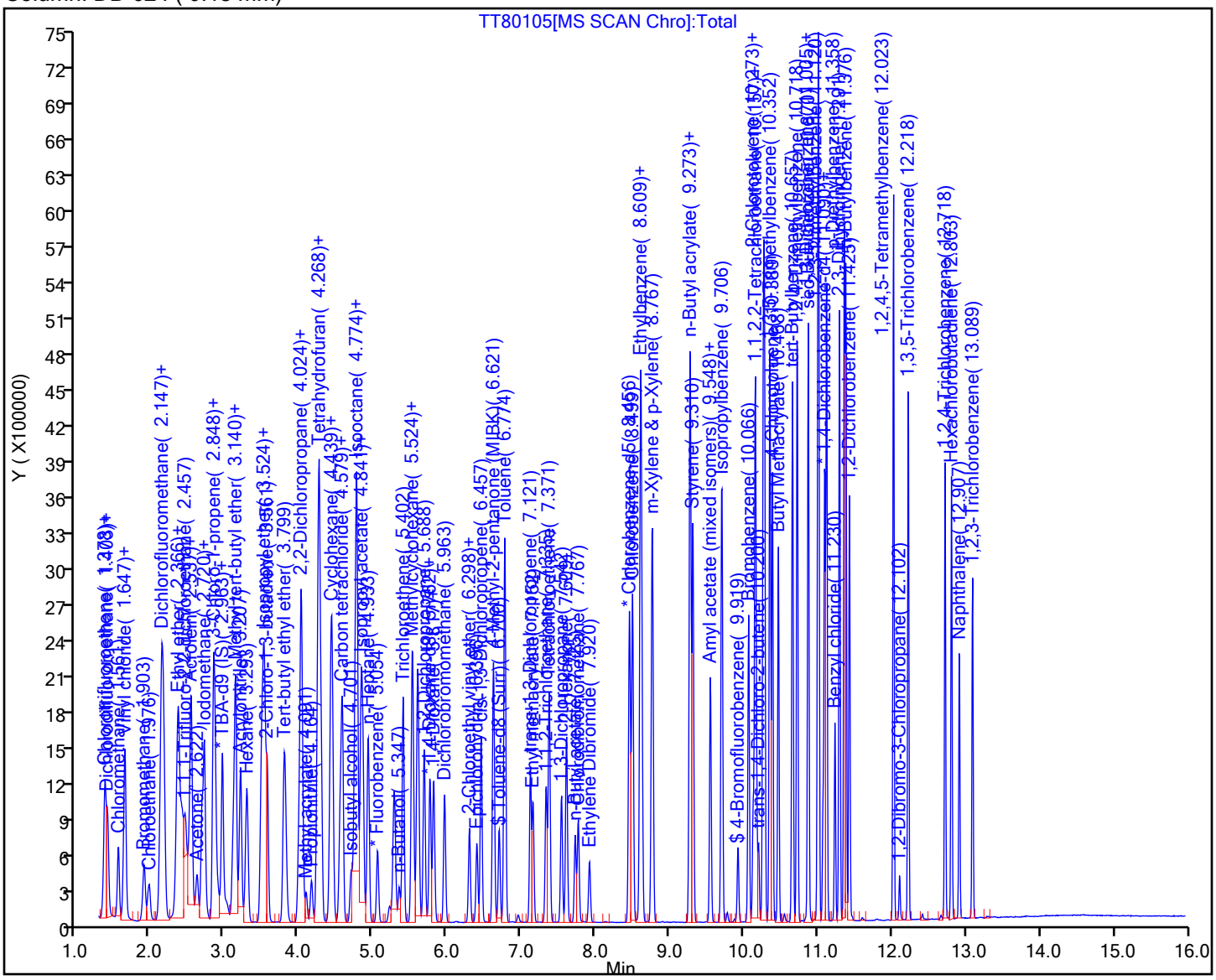
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

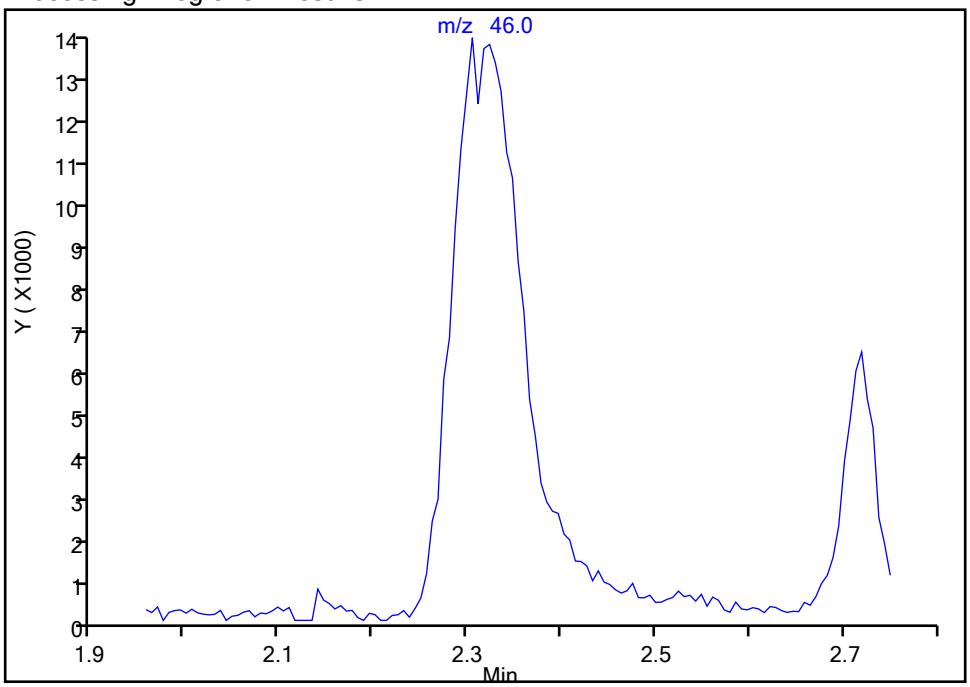
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D
Injection Date: 09-May-2024 10:26:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

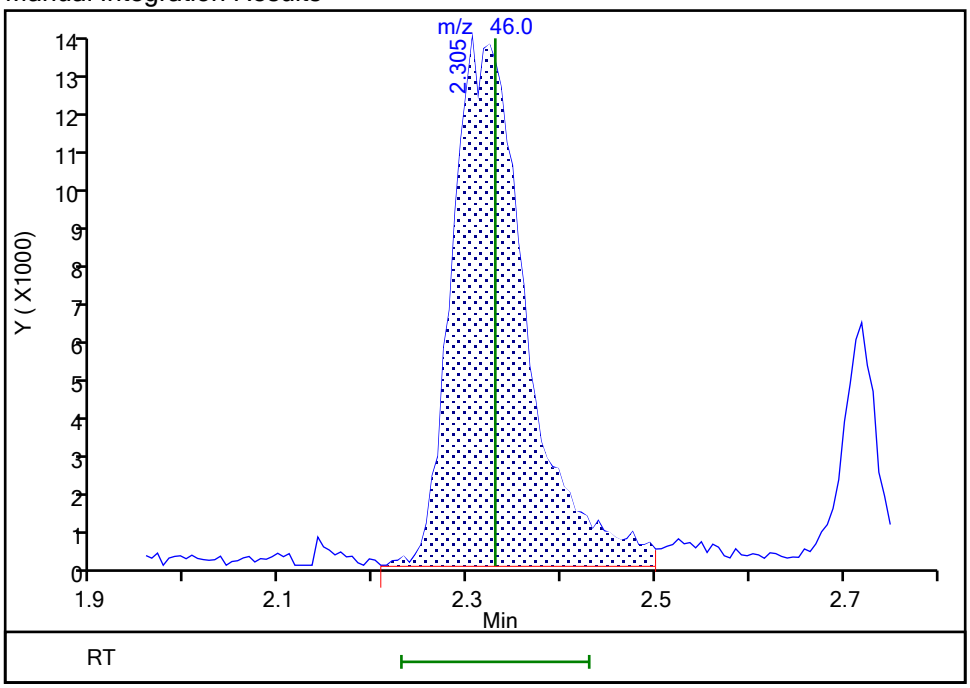
Not Detected
Expected RT: 2.33

Processing Integration Results



Manual Integration Results

RT: 2.31
Area: 72207
Amount: 7070.3126
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:48:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison

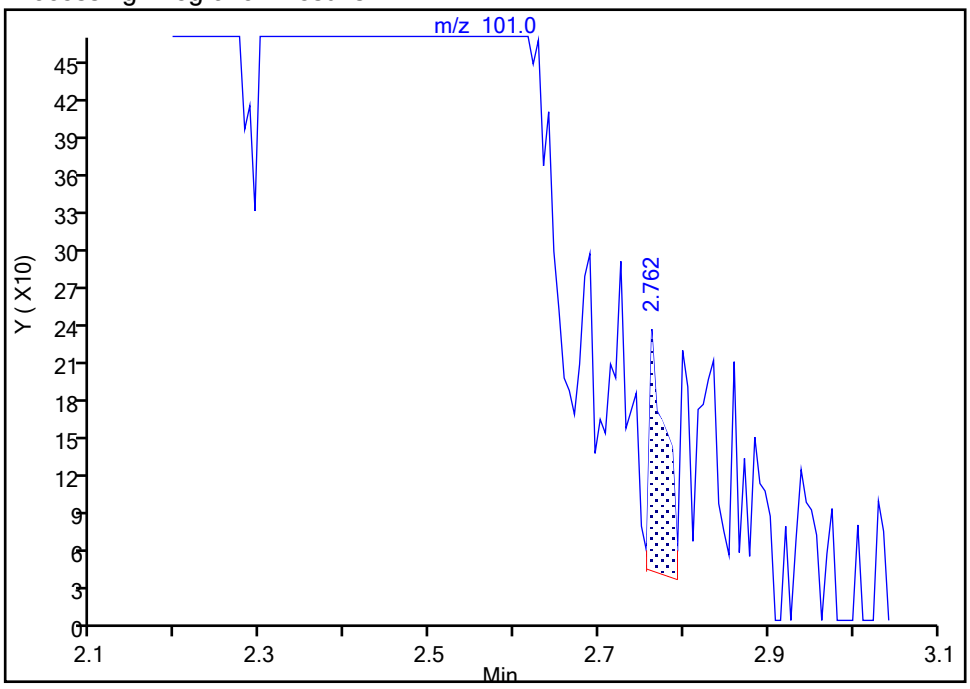
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D
Injection Date: 09-May-2024 10:26:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

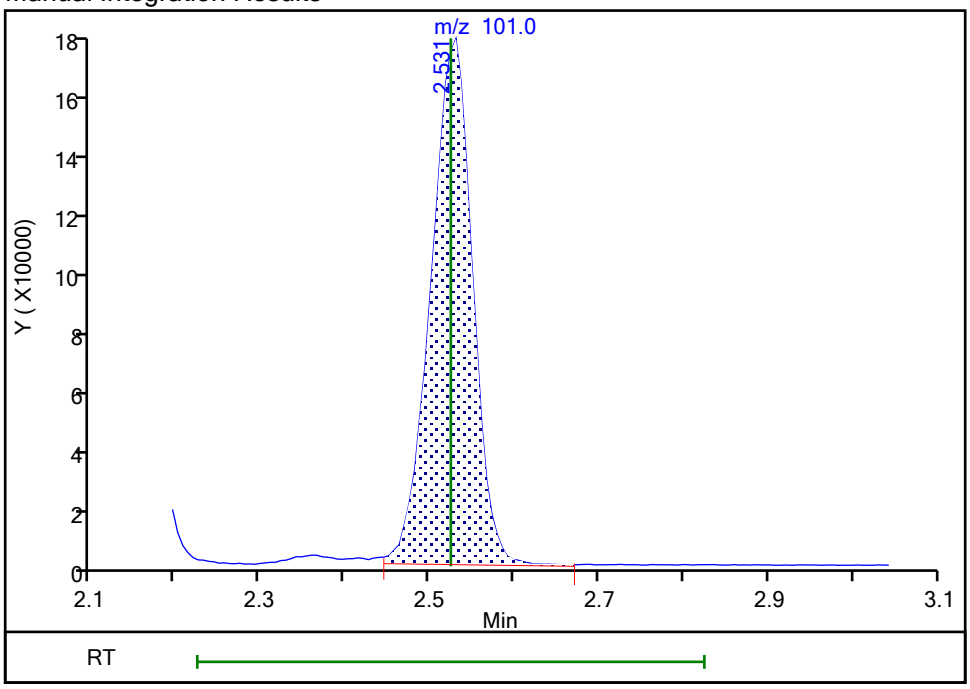
Processing Integration Results

RT: 2.76
Area: 256
Amount: 0.081382
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 585658
Amount: 169.8852
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:48:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison

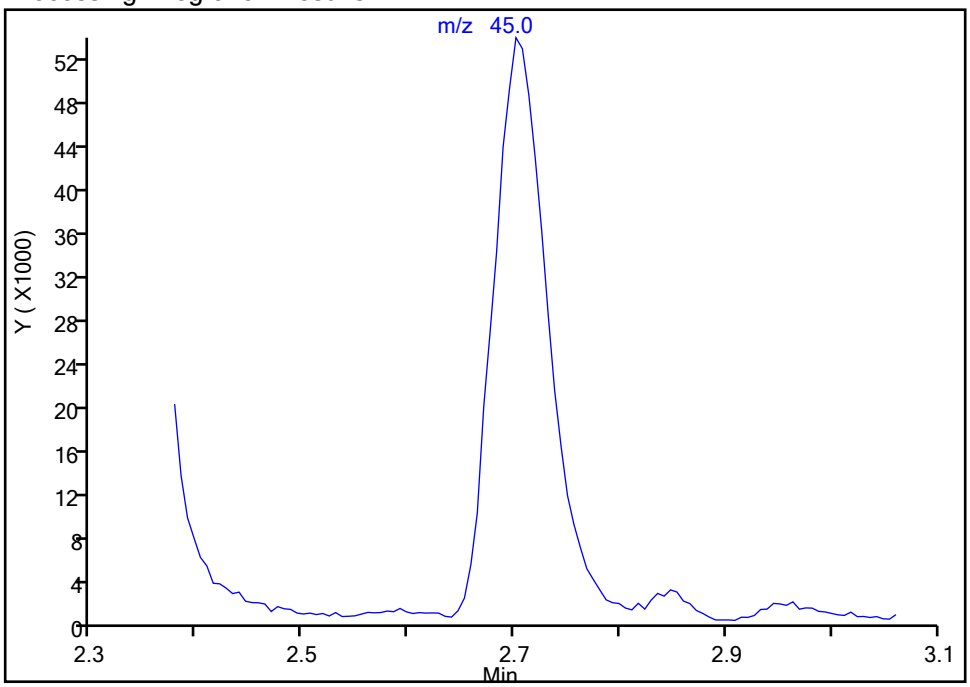
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D
Injection Date: 09-May-2024 10:26:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

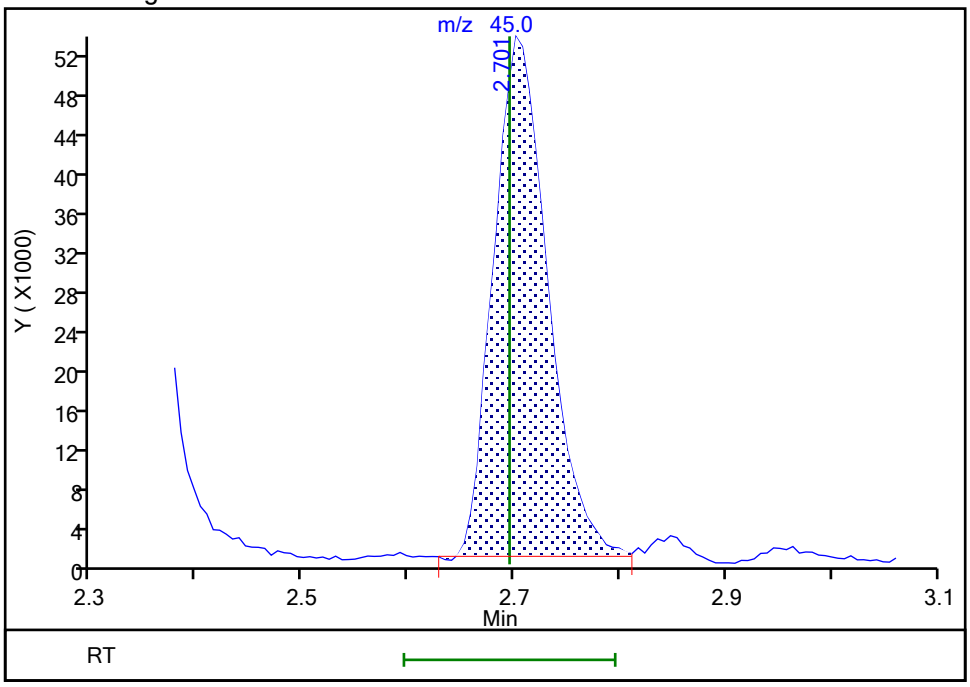
Not Detected
Expected RT: 2.70

Processing Integration Results



Manual Integration Results

RT: 2.70
Area: 185192
Amount: 1679.7080
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:49:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison

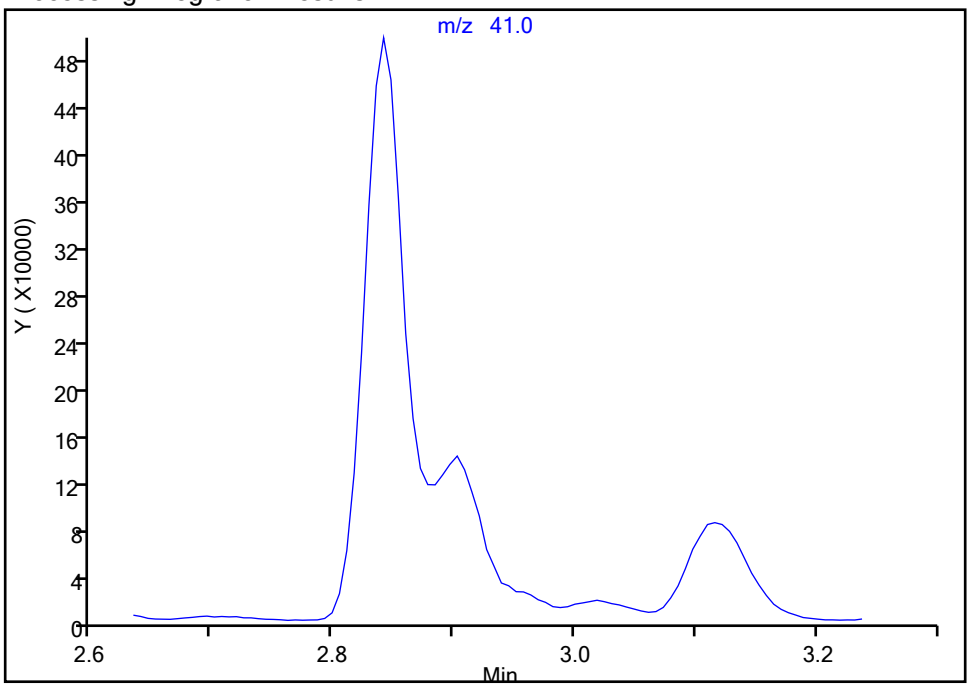
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D
Injection Date: 09-May-2024 10:26:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

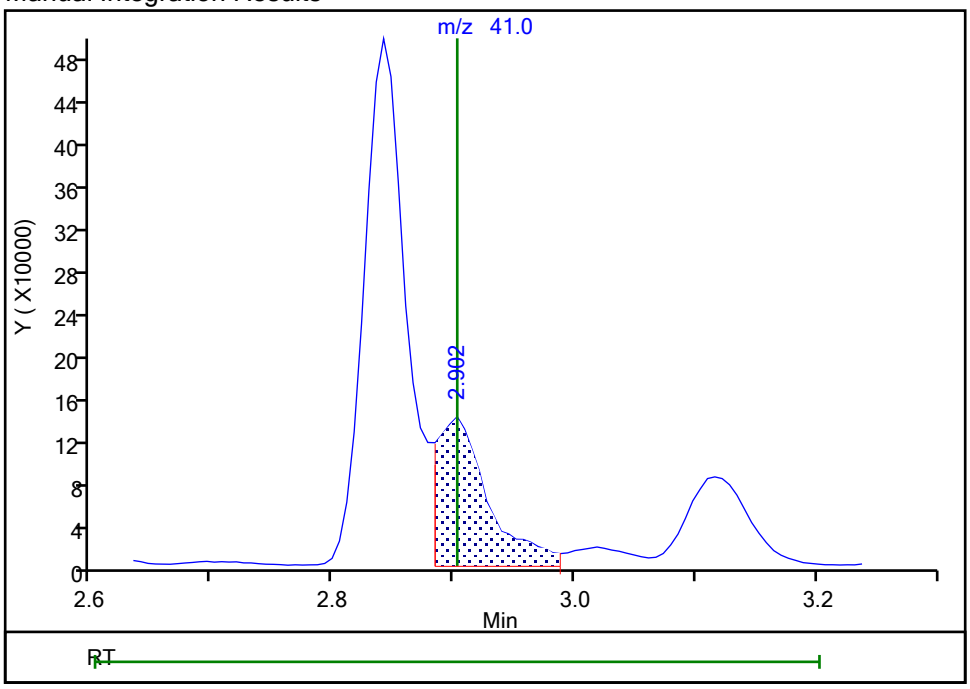
Not Detected
Expected RT: 2.90

Processing Integration Results



Manual Integration Results

RT: 2.90
Area: 416486
Amount: 1805.7021
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:49:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison

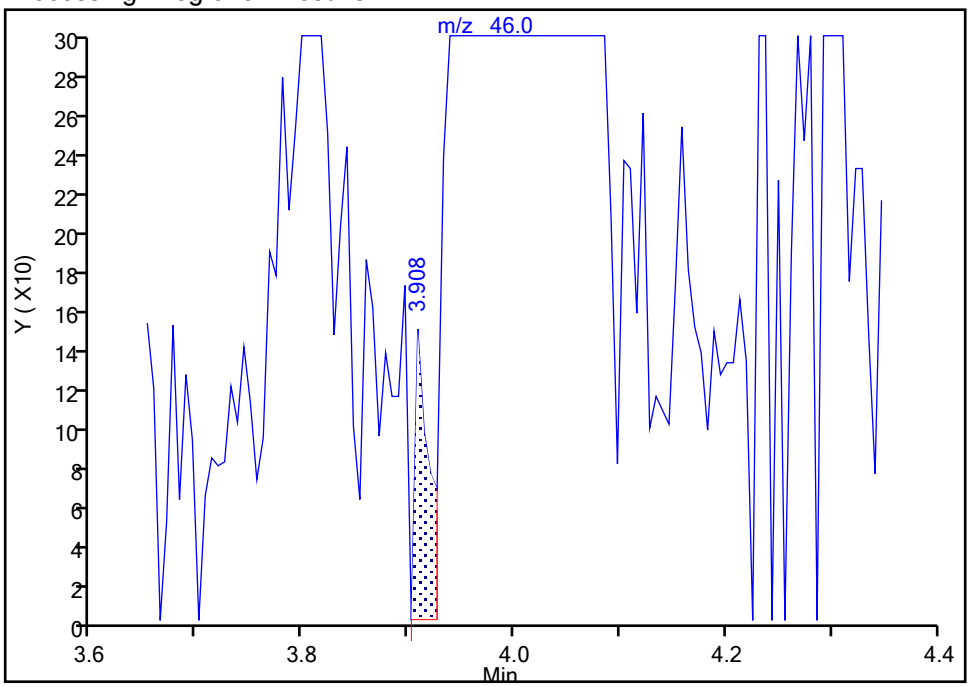
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D
Injection Date: 09-May-2024 10:26:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

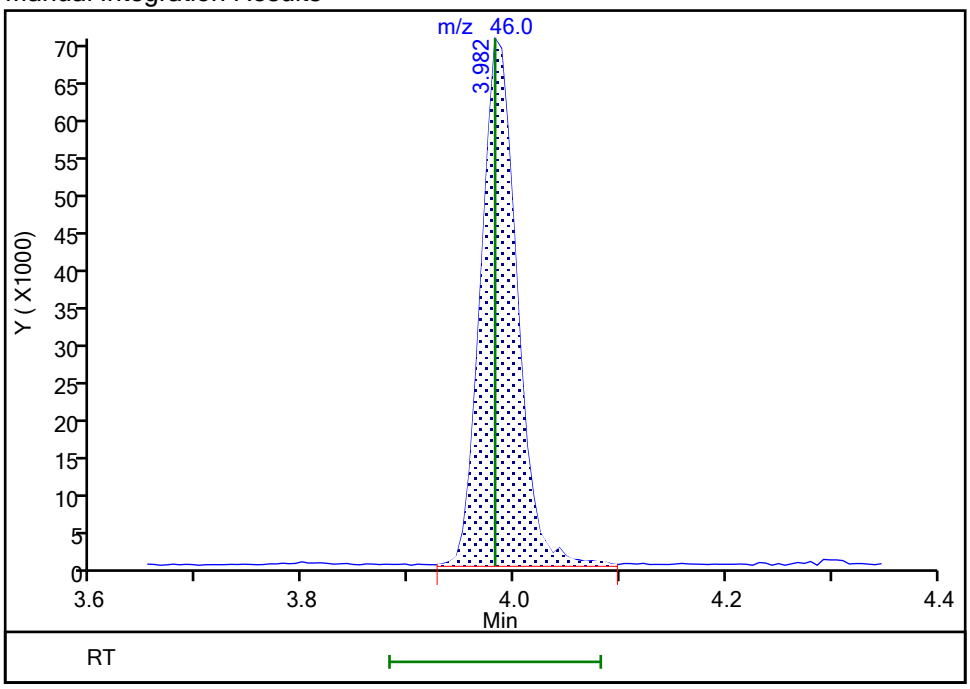
Processing Integration Results

RT: 3.91
Area: 140
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.98
Area: 168296
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:49:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins Edison

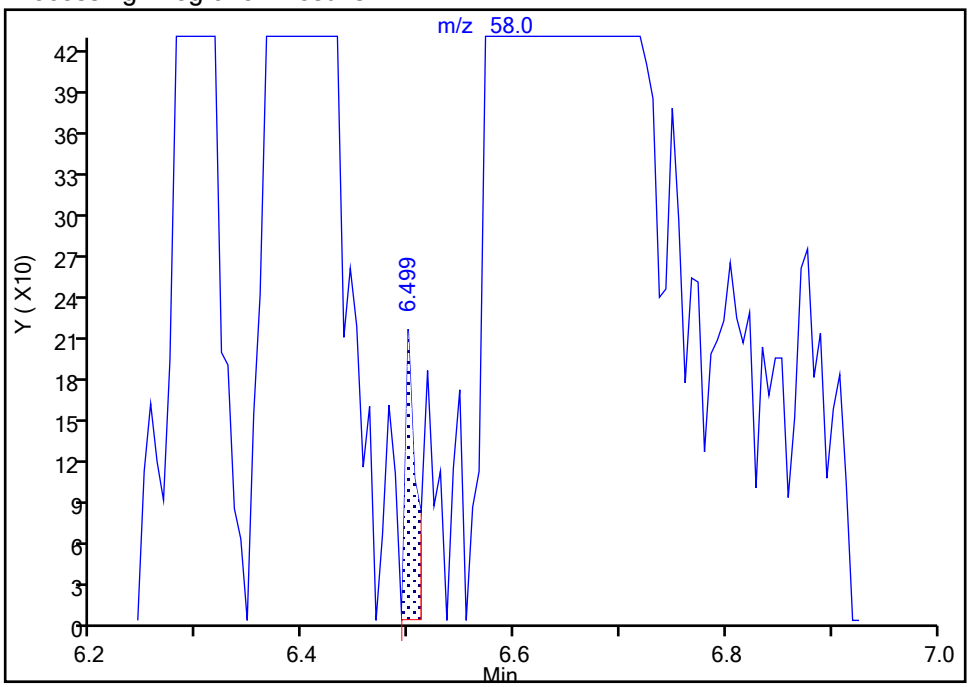
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80105.D
Injection Date: 09-May-2024 10:26:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

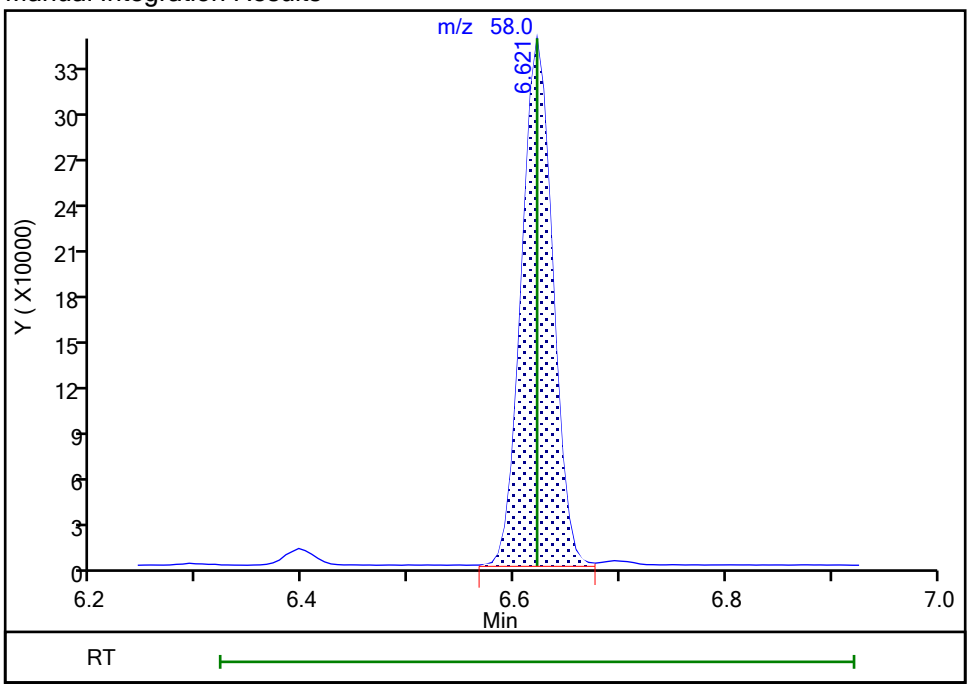
Processing Integration Results

RT: 6.50
Area: 143
Amount: 0.231348
Amount Units: ug/l



Manual Integration Results

RT: 6.62
Area: 713989
Amount: 994.9006
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 10:51:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Missed Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 09-May-2024 10:46:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0175641-010
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 12:57:12 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 11:42:57

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.293	1.299	-0.006	0	33876	500.0	581.0	M
3	Chlorotrifluoroethene	116	1.360	1.366	-0.006	86	761913	500.0	517.0	
2	1,1-Difluoroethane	65	1.372	1.366	0.006	99	1097941	500.0	517.9	
4	Dichlorodifluoromethane	85	1.390	1.391	-0.001	100	2536675	500.0	557.0	
5	Chlorodifluoromethane	67	1.409	1.409	0.000	98	372959	500.0	522.9	
6	Chloromethane	50	1.549	1.549	0.000	99	2042026	500.0	463.8	
7	Vinyl chloride	62	1.640	1.641	-0.001	98	1879320	500.0	461.0	
8	Butadiene	54	1.640	1.641	-0.001	93	1634197	500.0	428.2	
9	Bromomethane	94	1.903	1.897	0.006	99	1049635	500.0	405.6	
10	Chloroethane	64	1.964	1.964	0.000	99	981690	500.0	431.3	
11	Dichlorofluoromethane	67	2.134	2.134	0.000	99	3645800	500.0	490.9	
12	Trichlorofluoromethane	101	2.146	2.140	0.006	99	2522369	500.0	511.0	
13	Pentane	72	2.159	2.159	0.000	96	558025	1000.0	824.4	
14	Ethanol	46	2.317	2.329	-0.012	96	205231	20000	18228	
15	Ethyl ether	74	2.335	2.336	-0.001	95	842860	500.0	447.6	
16	2-Methyl-1,3-butadiene	53	2.360	2.360	0.000	95	1461538	500.0	425.6	
17	1,2-Dichloro-1,1,2-trifluoroetha	117	2.402	2.390	0.012	93	1766432	500.0	508.1	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.457	-0.006	97	2725056	500.0	504.7	
19	Acrolein	56	2.500	2.500	0.000	92	144588	400.0	355.7	
20	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.524	2.525	-0.001	95	1694592	500.0	483.0	a
21	1,1-Dichloroethene	96	2.537	2.537	0.000	98	1730902	500.0	491.7	
22	Acetone	43	2.616	2.616	0.000	88	1823304	2500.0	2870.7	
23	Iodomethane	142	2.683	2.683	0.000	97	3201305	500.0	492.4	
25	Isopropyl alcohol	45	2.701	2.695	0.006	99	521934	5000.0	4294.0	
24	Carbon disulfide	76	2.713	2.714	-0.001	99	5871595	500.0	434.9	
26	3-Chloro-1-propene	76	2.835	2.835	0.000	97	1148773	500.0	479.7	
27	Methyl acetate	43	2.841	2.848	-0.007	98	1254644	1000.0	870.3	
28	Cyclopentene	67	2.860	2.860	0.000	94	3455349	500.0	431.1	
29	Acetonitrile	41	2.896	2.902	-0.006	98	1292894	5000.0	5015.4	a
* 31	TBA-d9 (IS)	66	2.951	2.951	0.000	0	30901	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.957	2.957	0.000	90	1866777	500.0	474.0	
32 2-Methyl-2-propanol	59	3.012	3.012	0.000	99	923519	5000.0	4703.3	
33 Methyl tert-butyl ether	73	3.110	3.110	0.000	97	4041928	500.0	485.6	
34 trans-1,2-Dichloroethene	96	3.134	3.140	-0.006	94	1862270	500.0	472.3	
35 Acrylonitrile	53	3.207	3.201	0.006	94	3382444	5000.0	4442.9	
36 Hexane	57	3.286	3.293	-0.007	92	2184728	500.0	440.8	
37 Isopropyl ether	45	3.494	3.488	0.006	94	5136609	500.0	432.4	
38 1,1-Dichloroethane	63	3.518	3.518	0.000	100	3045189	500.0	460.2	
39 Vinyl acetate	86	3.530	3.524	0.006	100	477462	1000.0	910.8	
40 2-Chloro-1,3-butadiene	88	3.561	3.567	-0.006	90	1564626	500.0	472.2	
41 Tert-butyl ethyl ether	59	3.799	3.793	0.006	90	4936381	500.0	478.1	
* 42 2-Butanone-d5	46	3.981	3.982	-0.001	0	188095	250.0	250.0	
43 2,2-Dichloropropane	97	4.012	4.006	0.006	95	641614	500.0	459.6	
44 cis-1,2-Dichloroethene	96	4.024	4.024	0.000	99	1942933	500.0	472.0	
45 2-Butanone (MEK)	72	4.036	4.030	0.006	97	584090	2500.0	2464.3	
46 Ethyl acetate	70	4.042	4.036	0.006	97	227631	1000.0	868.0	
47 Methyl acrylate	55	4.091	4.085	0.006	100	853268	500.0	484.1	
48 Propionitrile	54	4.164	4.164	0.000	98	1197665	5000.0	4394.1	
50 Tetrahydrofuran	72	4.237	4.232	0.005	86	221414	1000.0	838.6	
49 Chlorobromomethane	128	4.244	4.238	0.006	89	821169	500.0	473.9	
51 Methacrylonitrile	67	4.268	4.262	0.006	89	3855622	5000.0	4726.8	
52 Chloroform	83	4.292	4.292	0.000	99	2783493	500.0	461.7	
53 Cyclohexane	84	4.426	4.427	-0.001	90	2503790	500.0	462.1	
54 1,1,1-Trichloroethane	97	4.439	4.433	0.006	98	2509962	500.0	485.3	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	149443	50.0	48.9	
56 Carbon tetrachloride	117	4.554	4.555	-0.001	99	2229799	500.0	487.5	
57 1,1-Dichloropropene	75	4.579	4.579	0.000	98	2351333	500.0	483.0	
58 Isobutyl alcohol	43	4.701	4.695	0.006	97	1054846	12500	12226	
59 Isooctane	57	4.756	4.744	0.012	98	6106858	500.0	491.1	
60 Benzene	78	4.774	4.774	0.000	97	6504140	500.0	445.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	158143	50.0	53.9	
63 Isopropyl acetate	61	4.835	4.835	0.000	94	611965	500.0	455.3	
62 Tert-amyl methyl ether	73	4.841	4.835	0.006	92	4234440	500.0	481.4	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	96	1632315	500.0	460.3	
65 n-Heptane	100	4.926	4.926	0.000	90	437661	500.0	515.2	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	627278	50.0	50.0	
67 n-Butanol	56	5.347	5.347	0.000	86	617421	12500	12506	
68 Trichloroethene	95	5.402	5.402	0.000	99	1811225	500.0	499.7	
69 Methylcyclohexane	83	5.530	5.524	0.006	87	2936553	500.0	469.6	
70 Ethyl acrylate	99	5.524	5.530	-0.006	99	205054	500.0	500.5	
71 1,2-Dichloropropane	63	5.688	5.682	0.006	94	1753273	500.0	482.3	
* 72 1,4-Dioxane-d8	96	5.737	5.731	0.006	0	15230	1000.0	1000.0	
73 Methyl methacrylate	100	5.768	5.762	0.006	85	572672	1000.0	977.1	
75 1,4-Dioxane	88	5.792	5.786	0.006	89	192132	10000	11142	
74 Dibromomethane	93	5.810	5.810	0.000	94	794329	500.0	496.2	
76 n-Propyl acetate	43	5.816	5.817	-0.001	97	1254570	500.0	453.1	
77 Dichlorobromomethane	83	5.963	5.957	0.006	99	2044127	500.0	483.2	
79 2-Chloroethyl vinyl ether	63	6.298	6.292	0.006	96	744007	501.2	476.8	
78 2-Nitropropane	41	6.292	6.292	0.000	98	443104	1000.0	1000.8	
80 Epichlorohydrin	57	6.402	6.396	0.006	99	1676729	10000	10005	
81 cis-1,3-Dichloropropene	75	6.457	6.451	0.006	91	2626610	500.0	481.7	
82 4-Methyl-2-pentanone (MIBK)	58	6.621	6.621	0.000	94	1875013	2500.0	2337.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.700	6.694	0.006	100	599669	50.0	49.1	
84 Toluene	91	6.774	6.774	0.000	95	6625998	500.0	436.6	
85 trans-1,3-Dichloropropene	75	7.121	7.115	0.006	97	2025876	500.0	485.1	
86 Ethyl methacrylate	69	7.158	7.158	0.000	88	1617131	500.0	464.5	
87 1,1,2-Trichloroethane	83	7.334	7.328	0.006	97	999296	500.0	505.7	
88 Tetrachloroethene	166	7.377	7.377	0.000	97	1849974	500.0	501.7	
89 1,3-Dichloropropane	76	7.542	7.542	0.000	93	1917384	500.0	488.2	
90 2-Hexanone	43	7.609	7.603	0.006	94	2860509	2500.0	2351.7	
91 n-Butyl acetate	43	7.725	7.725	0.000	99	1479749	500.0	445.1	
92 Chlorodibromomethane	129	7.767	7.761	0.006	98	1381577	500.0	489.1	
93 Ethylene Dibromide	107	7.920	7.914	0.006	98	1071250	500.0	480.1	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	87	457309	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	94	4408733	500.0	487.9	
96 Ethylbenzene	106	8.609	8.603	0.006	98	2450514	500.0	479.0	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	97	1673911	500.0	468.8	
98 m-Xylene & p-Xylene	106	8.767	8.767	0.000	0	3027611	500.0	480.8	
100 n-Butyl acrylate	73	9.273	9.273	0.000	98	923488	500.0	441.0	
99 o-Xylene	106	9.279	9.279	0.000	95	2925234	500.0	450.2	
101 Styrene	104	9.316	9.310	0.006	94	4552372	500.0	443.9	
103 Amyl acetate (mixed isomers)	43	9.547	9.548	-0.001	91	1844924	500.0	421.7	
102 Bromoform	173	9.554	9.548	0.006	66	844210	500.0	492.9	
104 Isopropylbenzene	105	9.706	9.700	0.006	96	6551690	500.0	438.8	
$ 105 4-Bromofluorobenzene	174	9.925	9.919	0.006	95	192076	50.0	51.0	
106 Bromobenzene	156	10.066	10.066	0.000	97	1854059	500.0	491.1	
107 1,1,2,2-Tetrachloroethane	83	10.127	10.127	0.000	99	1233353	500.0	476.3	
108 N-Propylbenzene	91	10.157	10.157	0.000	99	7818825	500.0	416.5	
109 1,2,3-Trichloropropane	110	10.175	10.175	0.000	97	315952	500.0	442.4	
110 trans-1,4-Dichloro-2-butene	53	10.200	10.200	0.000	91	297706	500.0	506.0	a
111 2-Chlorotoluene	91	10.267	10.261	0.006	98	5706464	500.0	439.6	
112 4-Ethyltoluene	105	10.285	10.279	0.006	97	6666791	500.0	428.2	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	94	5908304	500.0	447.1	
114 4-Chlorotoluene	91	10.389	10.383	0.006	97	5122715	500.0	441.3	
115 Butyl Methacrylate	87	10.468	10.468	0.000	87	2133473	500.0	465.7	
116 tert-Butylbenzene	119	10.663	10.657	0.006	93	5193005	500.0	480.9	
117 1,2,4-Trimethylbenzene	105	10.724	10.718	0.006	97	5865302	500.0	427.4	
118 sec-Butylbenzene	105	10.870	10.870	0.000	96	7204760	500.0	422.8	
119 1,3-Dichlorobenzene	146	11.004	10.998	0.006	94	3236282	500.0	441.0	
120 4-Isopropyltoluene	119	11.011	11.011	0.000	95	6148812	500.0	421.7	
* 121 1,4-Dichlorobenzene-d4	152	11.072	11.072	0.000	95	230877	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.096	11.090	0.006	94	3326961	500.0	467.8	
123 1,2,3-Trimethylbenzene	105	11.120	11.114	0.006	96	6099591	500.0	428.3	
124 Benzyl chloride	91	11.230	11.230	0.000	99	2472073	500.0	449.2	
125 2,3-Dihydroindene	117	11.297	11.291	0.006	95	5360169	500.0	418.7	
126 p-Diethylbenzene	119	11.358	11.358	0.000	94	3971987	500.0	431.5	
127 n-Butylbenzene	92	11.382	11.376	0.006	99	3337561	500.0	430.6	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	95	3102665	500.0	458.2	
129 1,2,4,5-Tetramethylbenzene	119	12.023	12.023	0.000	98	5865373	500.0	426.4	
130 1,2-Dibromo-3-Chloropropane	155	12.108	12.102	0.006	93	194374	500.0	470.7	
131 1,3,5-Trichlorobenzene	180	12.224	12.218	0.006	98	3038057	500.0	481.2	
132 1,2,4-Trichlorobenzene	180	12.718	12.718	0.000	94	2449603	500.0	479.2	
133 Hexachlorobutadiene	225	12.809	12.803	0.006	98	1740835	500.0	535.5	
134 Naphthalene	128	12.913	12.907	0.006	99	3575259	500.0	480.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.089	13.090	-0.001	96	1958333	500.0	487.5	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	944.3	
S 137 Xylenes, Total	100				0		1000.0	931.1	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	966.8	
S 140 Total BTEX	1				0		2500.0	2292.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

MIX 2 Hi_00149	Amount Added:	50.00	Units: uL	
MIX I Hi_00176	Amount Added:	50.00	Units: uL	
Ethanol mix_00089	Amount Added:	50.00	Units: uL	
7 Freons Hi_00002	Amount Added:	50.00	Units: uL	
ACROLEIN W_00169	Amount Added:	40.00	Units: uL	
GAS Hi_00469	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 12:57:13 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Injection Date: 09-May-2024 10:46:30 Instrument ID: CVOAMS17

Lims ID: STD500

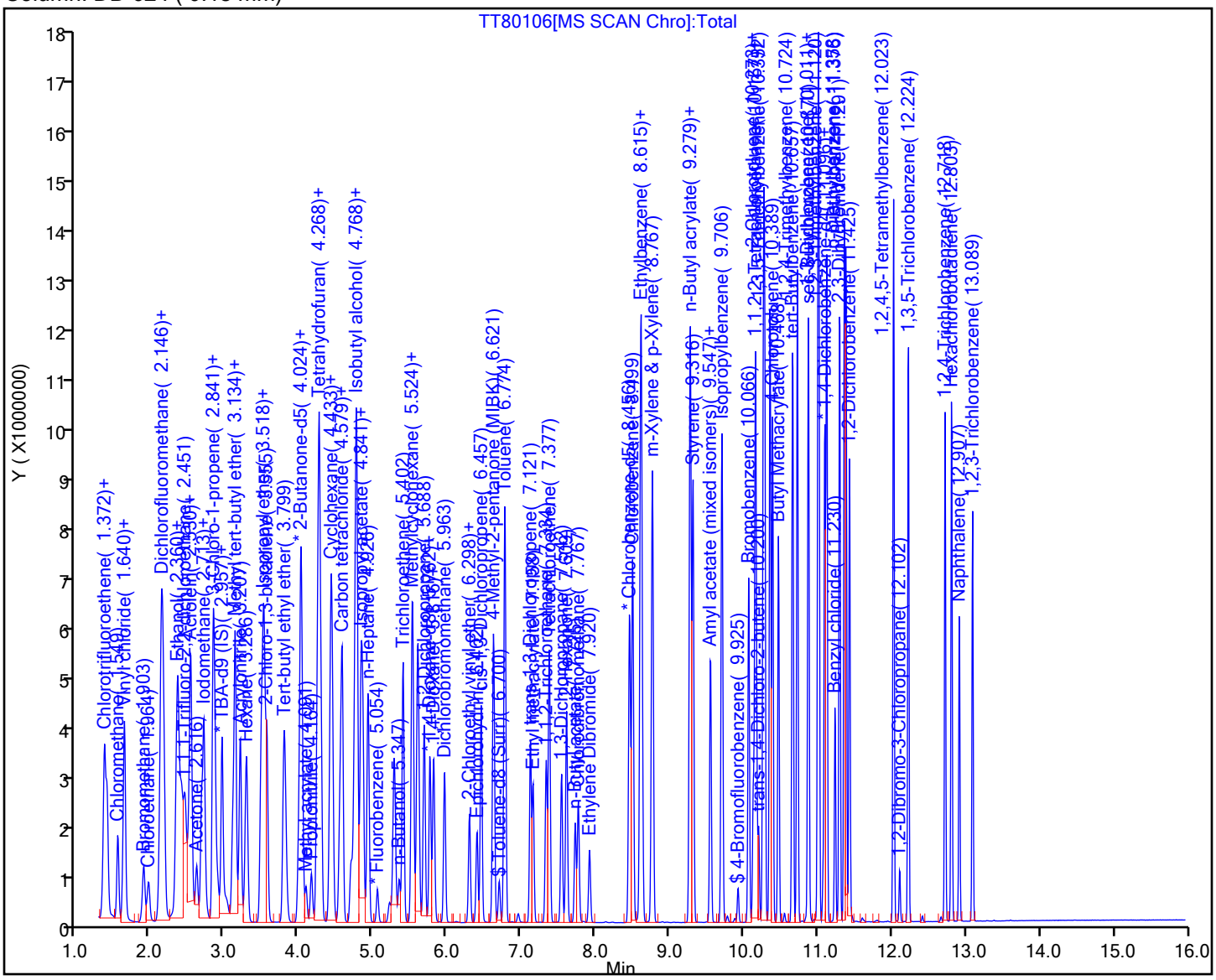
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

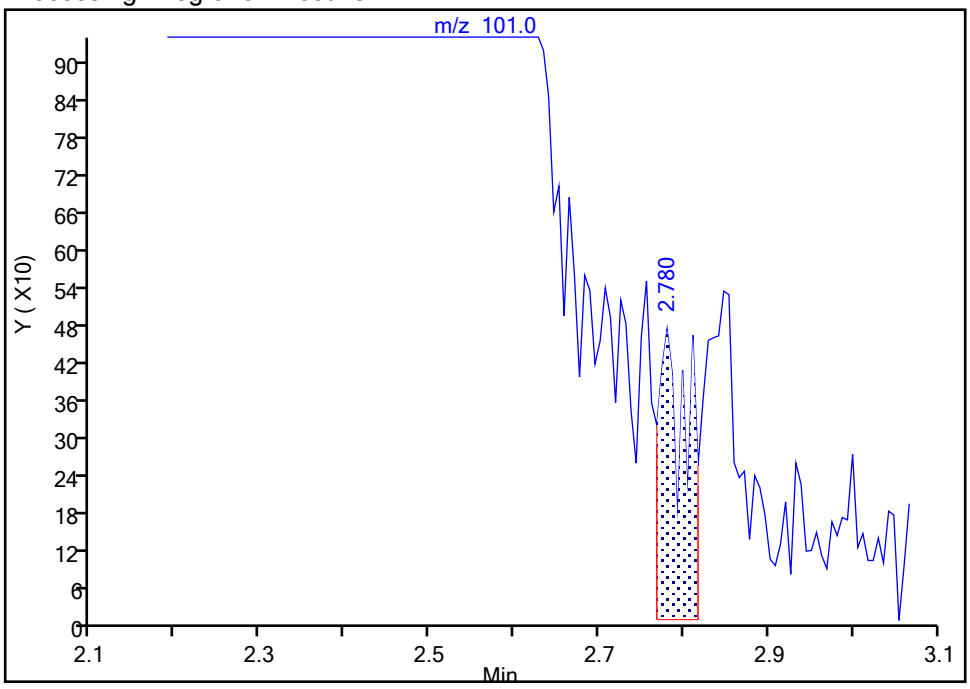
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D
Injection Date: 09-May-2024 10:46:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

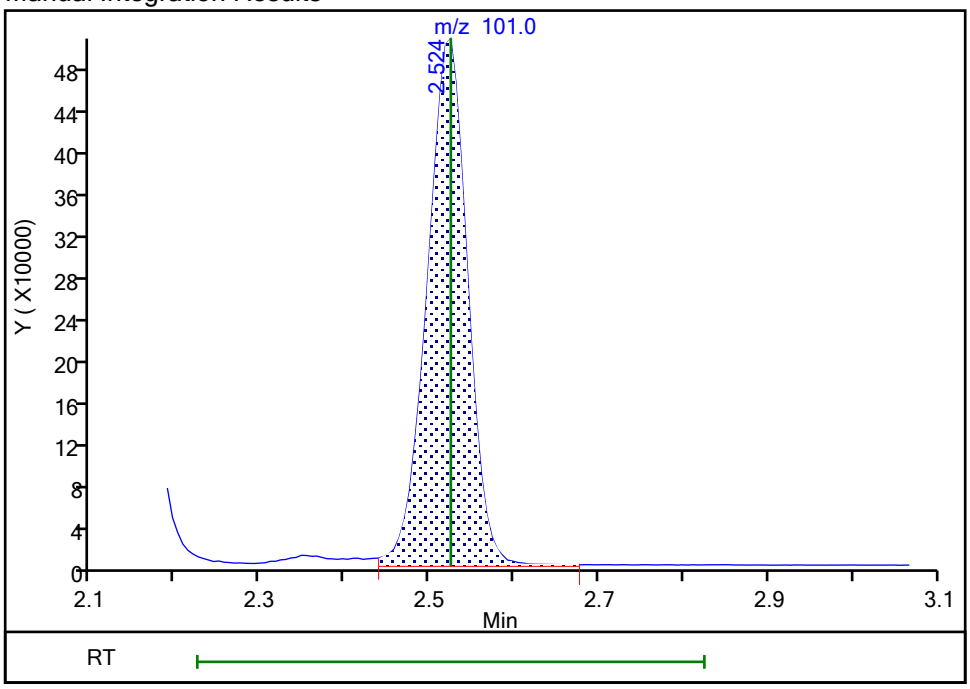
Processing Integration Results

RT: 2.78
Area: 1114
Amount: 0.351423
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 1694592
Amount: 482.9942
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:41:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

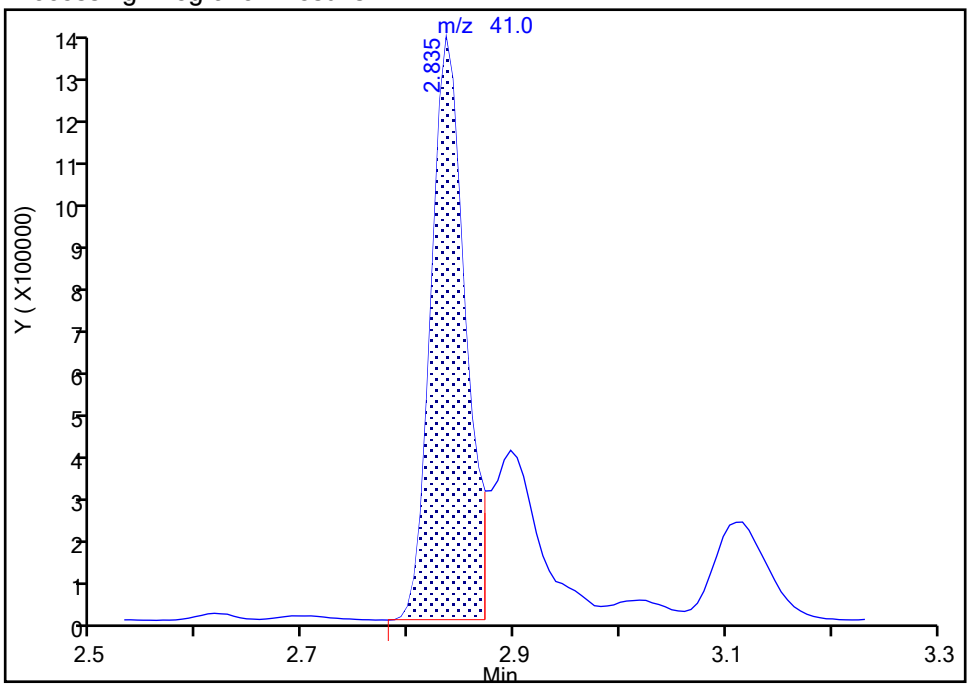
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D
Injection Date: 09-May-2024 10:46:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

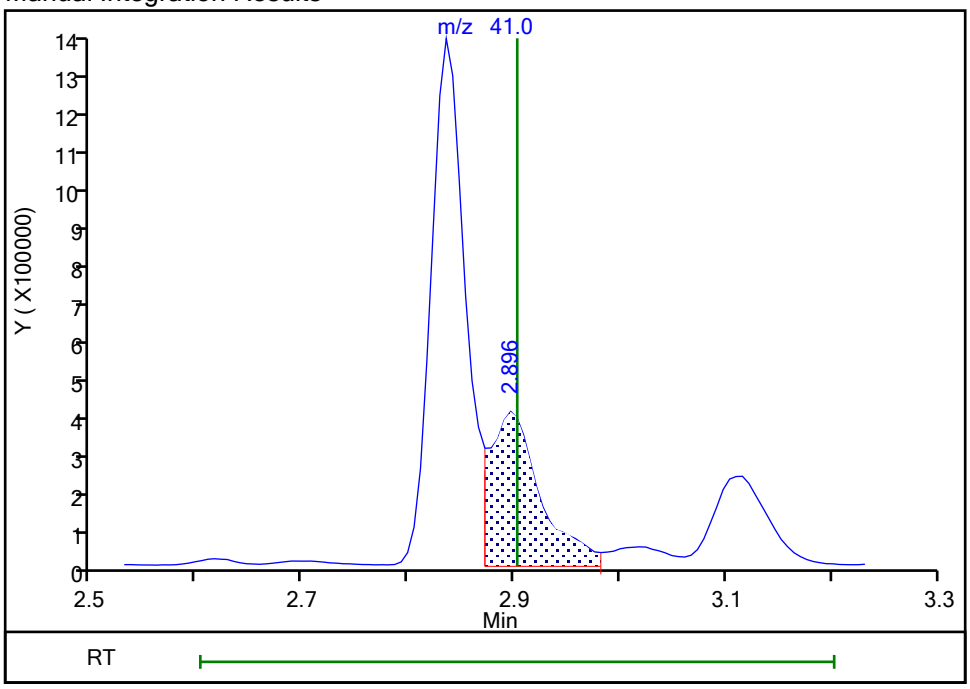
Processing Integration Results

RT: 2.84
Area: 2990584
Amount: 5744.8940
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 1292894
Amount: 5015.3951
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:42:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

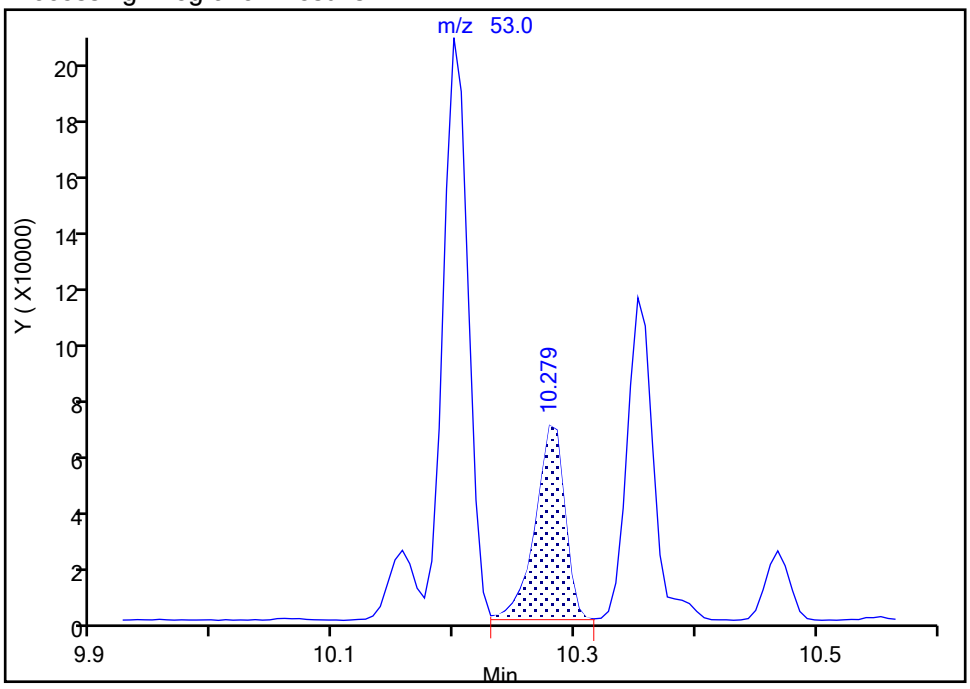
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D
Injection Date: 09-May-2024 10:46:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

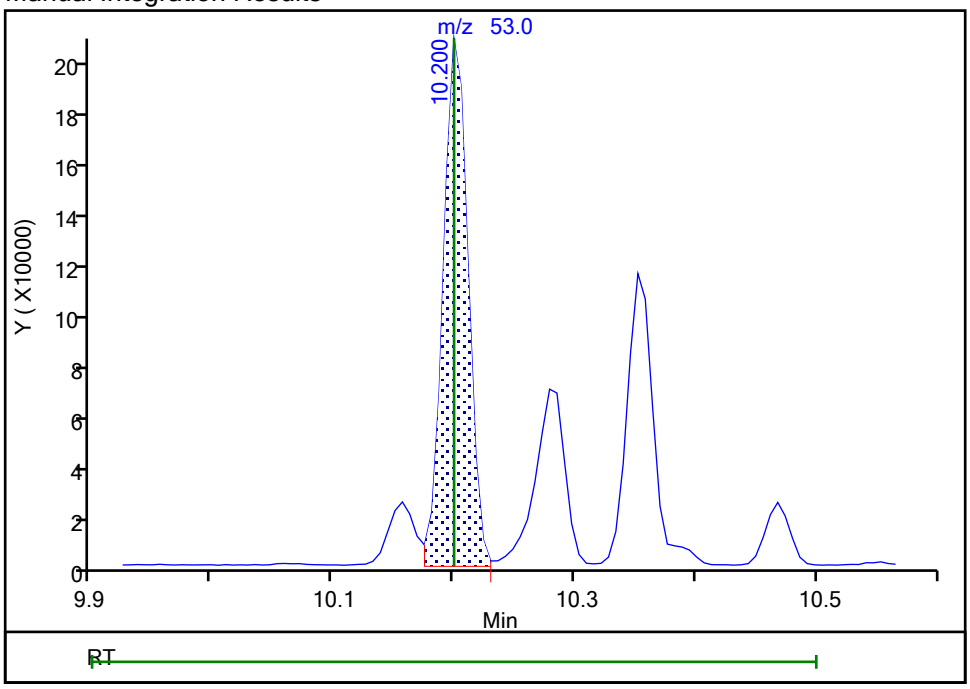
Processing Integration Results

RT: 10.28
Area: 119138
Amount: 215.5822
Amount Units: ug/l



Manual Integration Results

RT: 10.20
Area: 297706
Amount: 506.0053
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 11:42:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

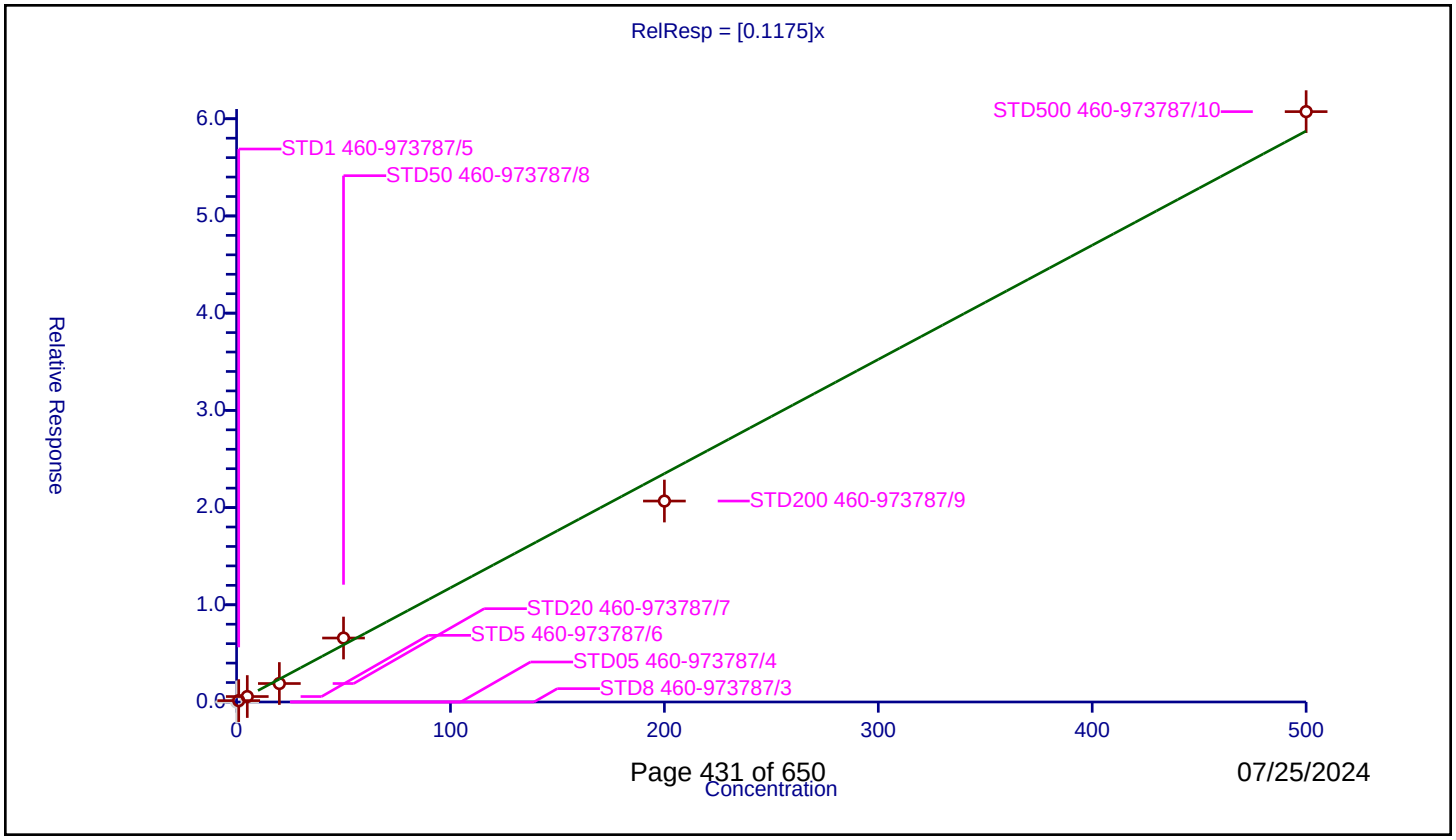
Curve Coefficients

Intercept:	0
Slope:	0.1175

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.0	50.0	591013.0	0.0	N
3	STD1 460-973787/5	1.0	0.14103	50.0	633909.0	0.14103	Y
4	STD5 460-973787/6	5.0	0.561785	50.0	623014.0	0.112357	Y
5	STD20 460-973787/7	20.0	1.899821	50.0	592819.0	0.094991	Y
6	STD50 460-973787/8	50.0	6.580844	50.0	595372.0	0.131617	Y
7	STD200 460-973787/9	200.0	20.670337	50.0	616347.0	0.103352	Y
8	STD500 460-973787/10	500.0	60.731685	50.0	627278.0	0.121463	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

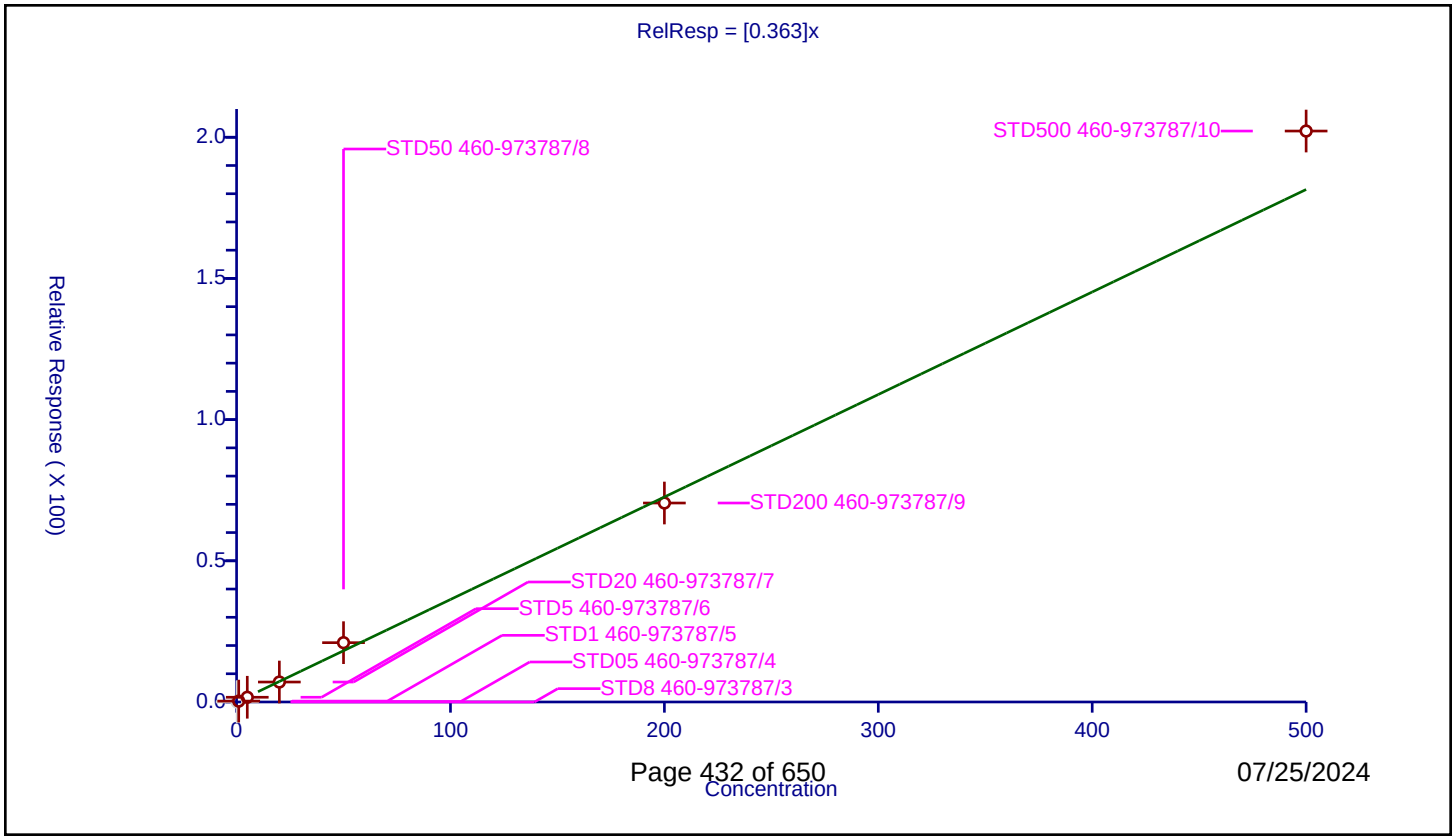
Curve Coefficients

Intercept:	0
Slope:	0.363

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	0.5	0.156173	50.0	591013.0	0.312345	N
3	STD1 460-973787/5	1.0	0.311717	50.0	633909.0	0.311717	Y
4	STD5 460-973787/6	5.0	1.678694	50.0	623014.0	0.335739	Y
5	STD20 460-973787/7	20.0	7.072816	50.0	592819.0	0.353641	Y
6	STD50 460-973787/8	50.0	21.006782	50.0	595372.0	0.420136	Y
7	STD200 460-973787/9	200.0	70.465582	50.0	616347.0	0.352328	Y
8	STD500 460-973787/10	500.0	202.197032	50.0	627278.0	0.404394	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

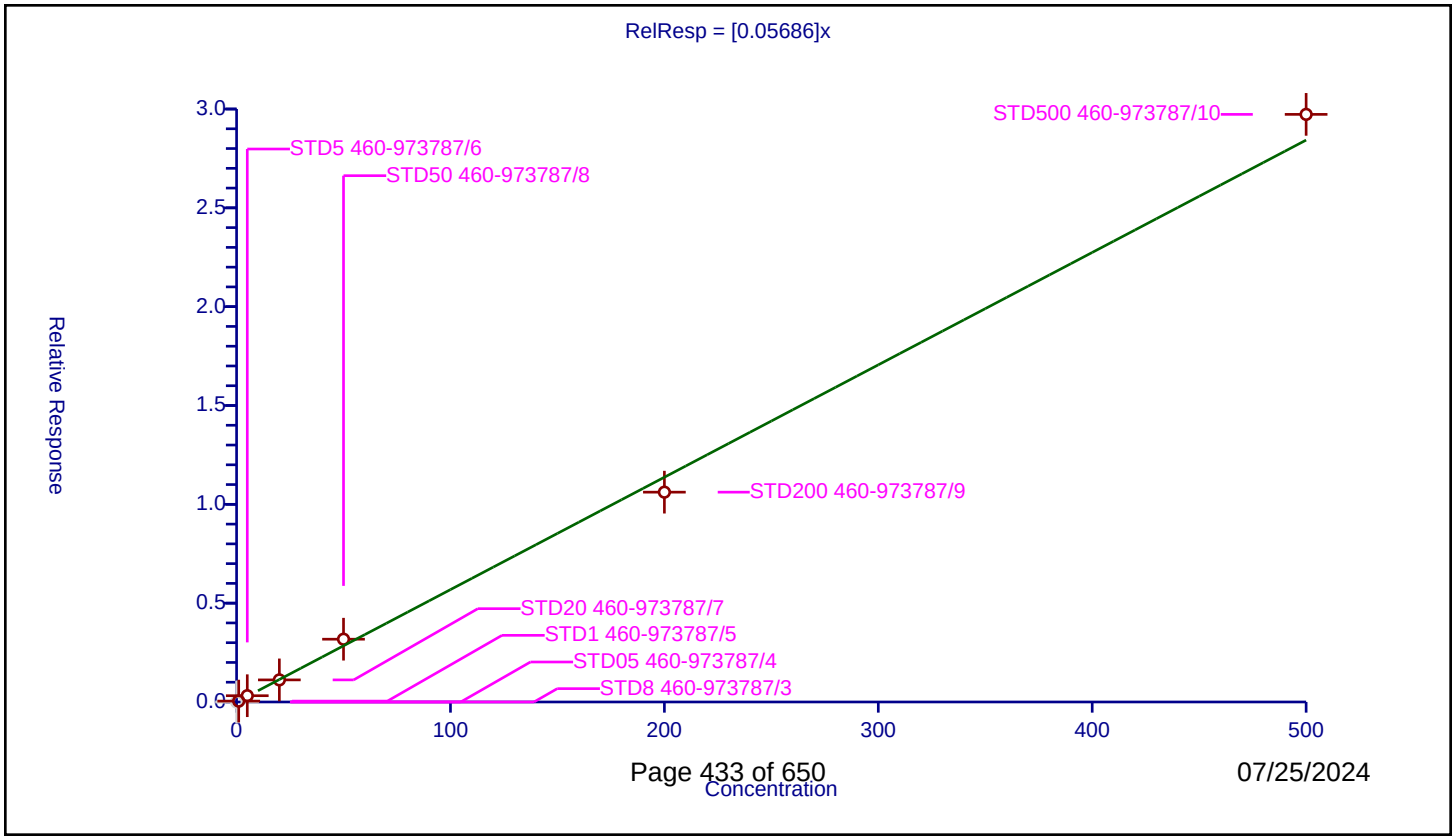
Curve Coefficients

Intercept:	0
Slope:	0.05686

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.0	50.0	591013.0	0.0	N
3	STD1 460-973787/5	1.0	0.045748	50.0	633909.0	0.045748	Y
4	STD5 460-973787/6	5.0	0.317168	50.0	623014.0	0.063434	Y
5	STD20 460-973787/7	20.0	1.117457	50.0	592819.0	0.055873	Y
6	STD50 460-973787/8	50.0	3.177173	50.0	595372.0	0.063543	Y
7	STD200 460-973787/9	200.0	10.616098	50.0	616347.0	0.05308	Y
8	STD500 460-973787/10	500.0	29.728366	50.0	627278.0	0.059457	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

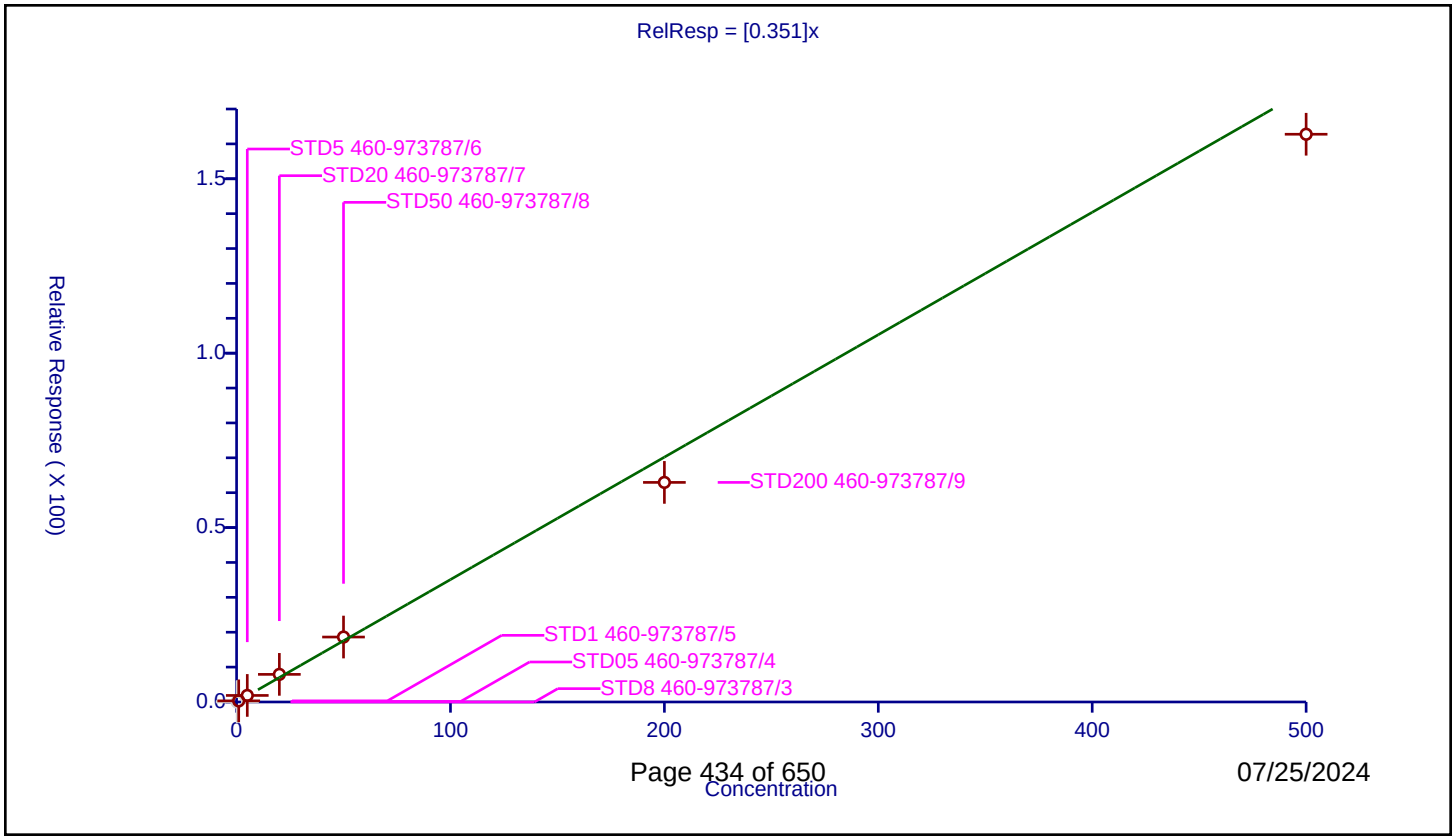
Curve Coefficients

Intercept:	0
Slope:	0.351

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	0.5	0.153212	50.0	591013.0	0.306423	N
3	STD1 460-973787/5	1.0	0.322365	50.0	633909.0	0.322365	Y
4	STD5 460-973787/6	5.0	1.875239	50.0	623014.0	0.375048	Y
5	STD20 460-973787/7	20.0	7.914895	50.0	592819.0	0.395745	Y
6	STD50 460-973787/8	50.0	18.622559	50.0	595372.0	0.372451	Y
7	STD200 460-973787/9	200.0	62.951308	50.0	616347.0	0.314757	Y
8	STD500 460-973787/10	500.0	162.76882	50.0	627278.0	0.325538	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

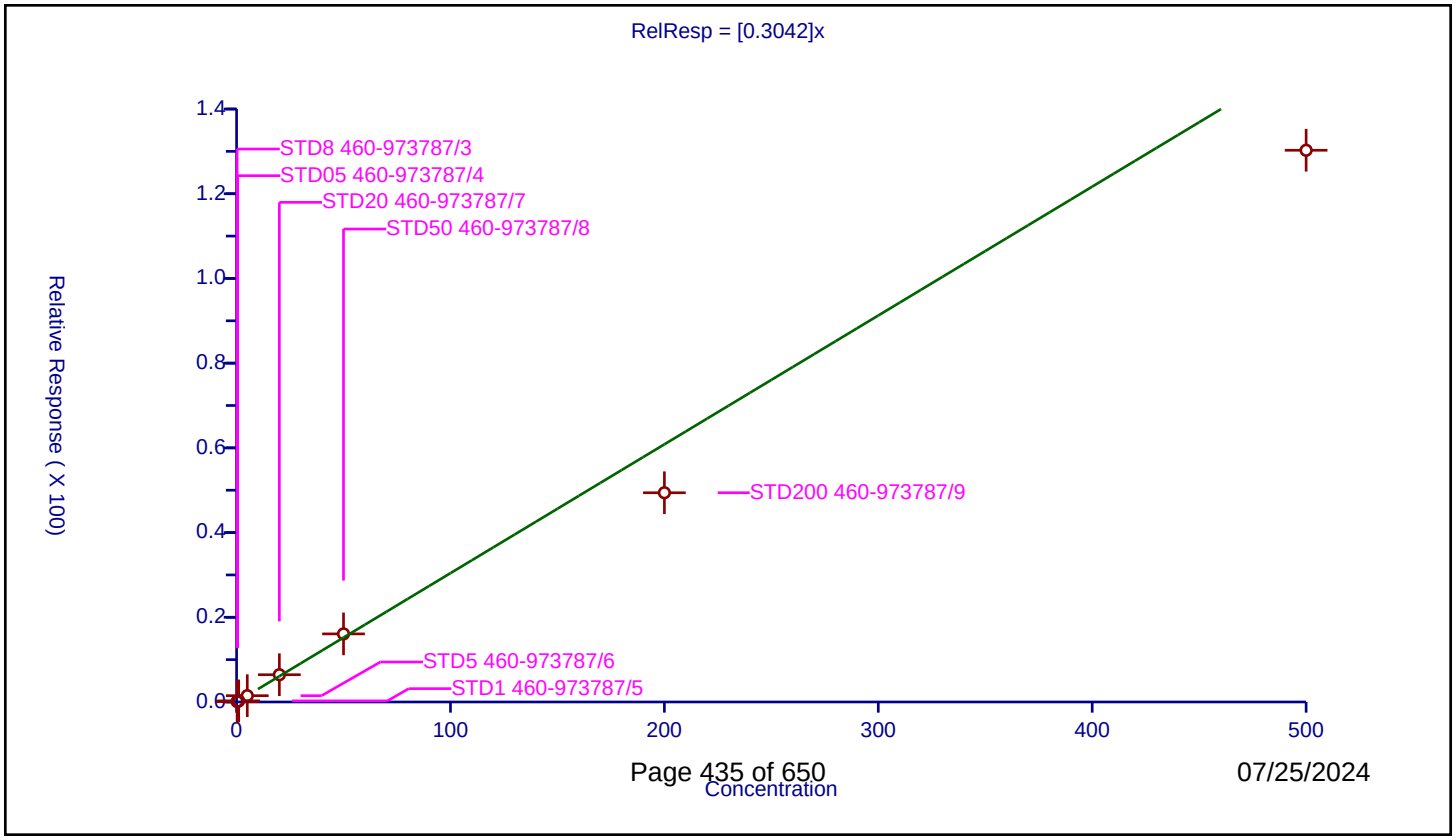
Curve Coefficients

Intercept:	0
Slope:	0.3042

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.102024	50.0	623873.0	0.408096	Y
2	STD05 460-973787/4	0.5	0.157526	50.0	591013.0	0.315052	Y
3	STD1 460-973787/5	1.0	0.262025	50.0	633909.0	0.262025	Y
4	STD5 460-973787/6	5.0	1.486403	50.0	623014.0	0.297281	Y
5	STD20 460-973787/7	20.0	6.437125	50.0	592819.0	0.321856	Y
6	STD50 460-973787/8	50.0	16.077175	50.0	595372.0	0.321544	Y
7	STD200 460-973787/9	200.0	49.402285	50.0	616347.0	0.247011	Y
8	STD500 460-973787/10	500.0	130.260985	50.0	627278.0	0.260522	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

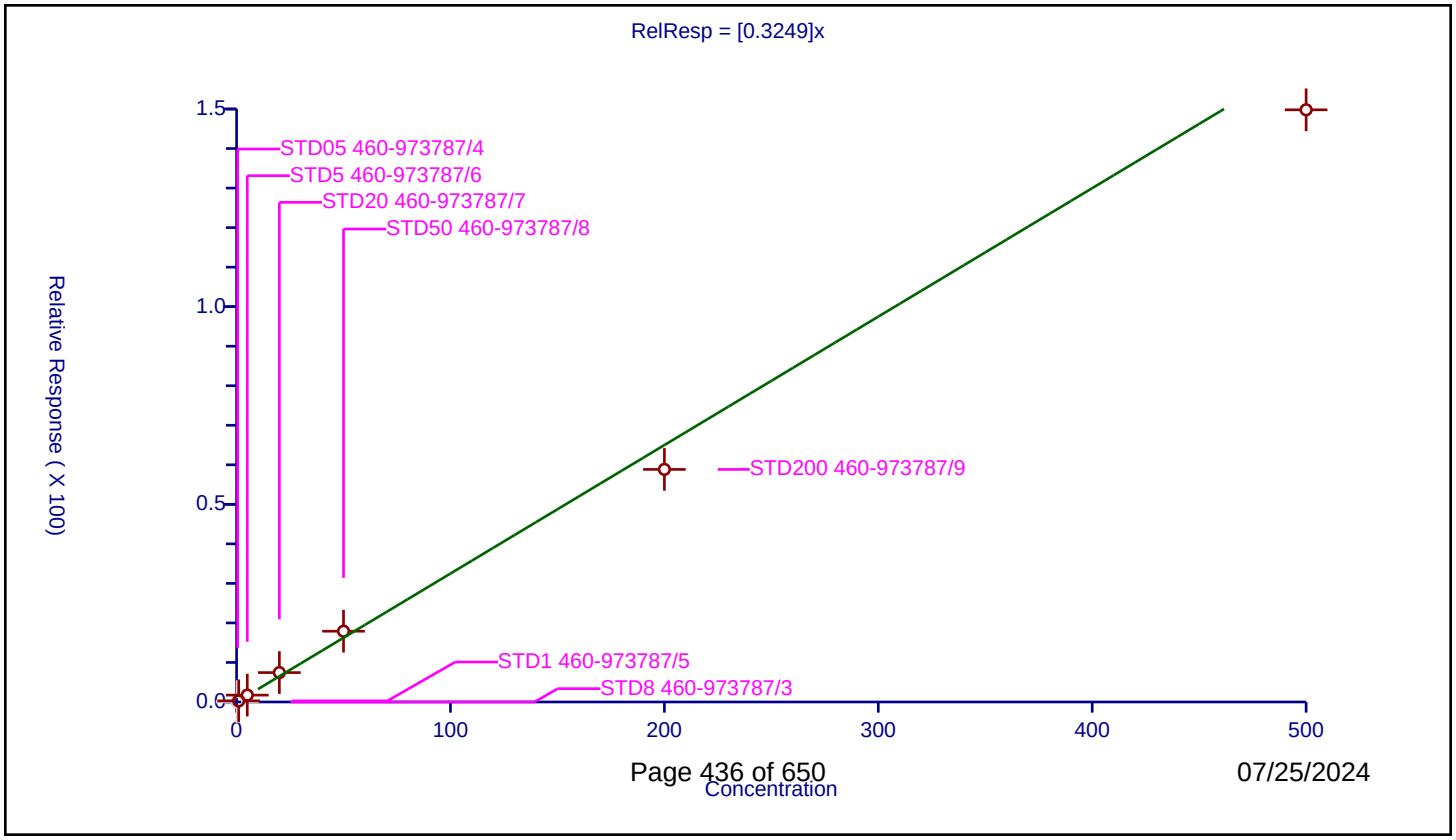
Curve Coefficients

Intercept:	0
Slope:	0.3249

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	0.5	0.175884	50.0	591013.0	0.351769	N
3	STD1 460-973787/5	1.0	0.278037	50.0	633909.0	0.278037	Y
4	STD5 460-973787/6	5.0	1.738966	50.0	623014.0	0.347793	Y
5	STD20 460-973787/7	20.0	7.43937	50.0	592819.0	0.371969	Y
6	STD50 460-973787/8	50.0	17.90662	50.0	595372.0	0.358132	Y
7	STD200 460-973787/9	200.0	58.831876	50.0	616347.0	0.294159	Y
8	STD500 460-973787/10	500.0	149.79961	50.0	627278.0	0.299599	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

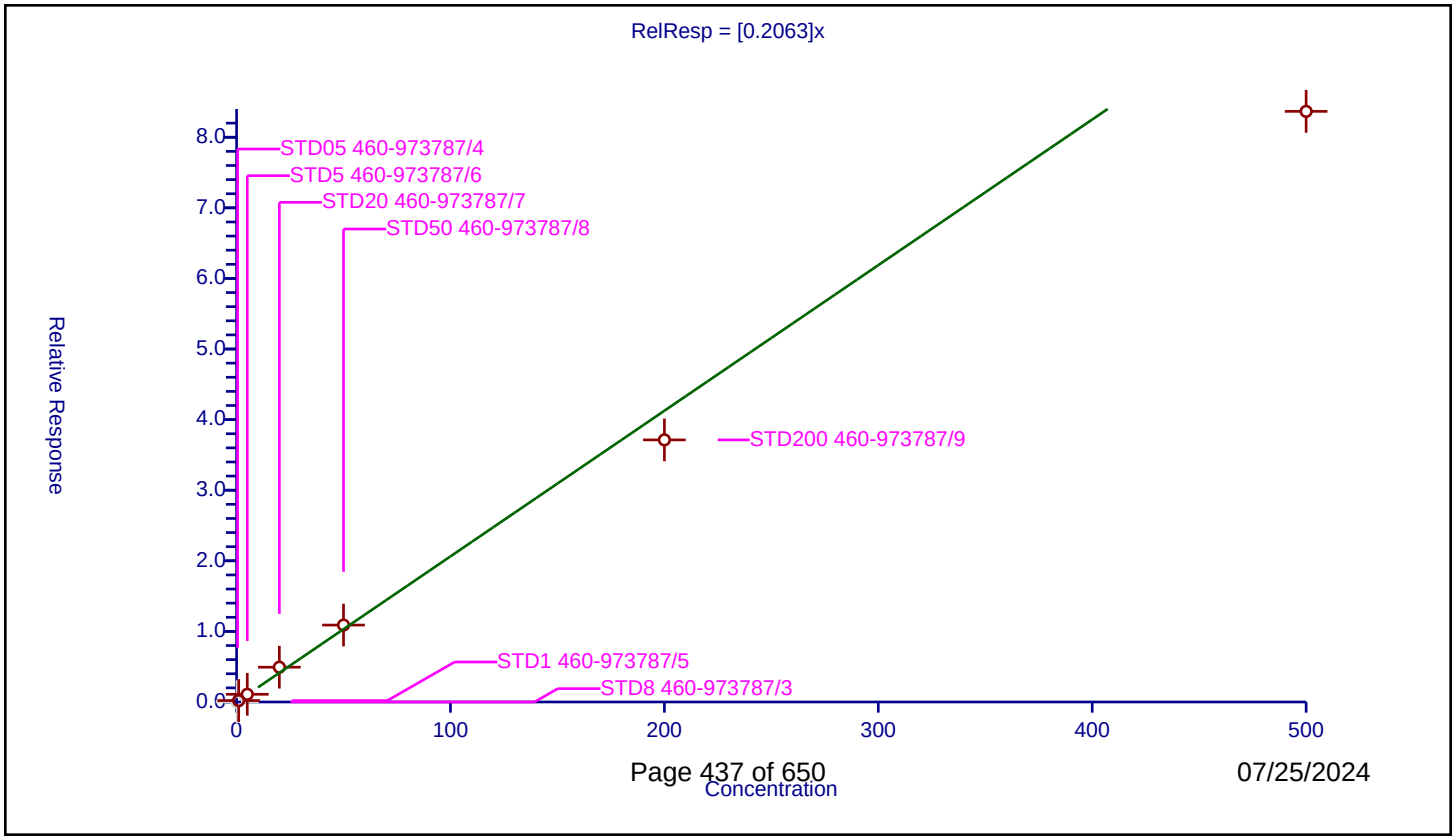
Curve Coefficients

Intercept:	0
Slope:	0.2063

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	0.5	0.122079	50.0	591013.0	0.244157	N
3	STD1 460-973787/5	1.0	0.202237	50.0	633909.0	0.202237	Y
4	STD5 460-973787/6	5.0	1.090987	50.0	623014.0	0.218197	Y
5	STD20 460-973787/7	20.0	4.926883	50.0	592819.0	0.246344	Y
6	STD50 460-973787/8	50.0	10.894701	50.0	595372.0	0.217894	Y
7	STD200 460-973787/9	200.0	37.12876	50.0	616347.0	0.185644	Y
8	STD500 460-973787/10	500.0	83.665855	50.0	627278.0	0.167332	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

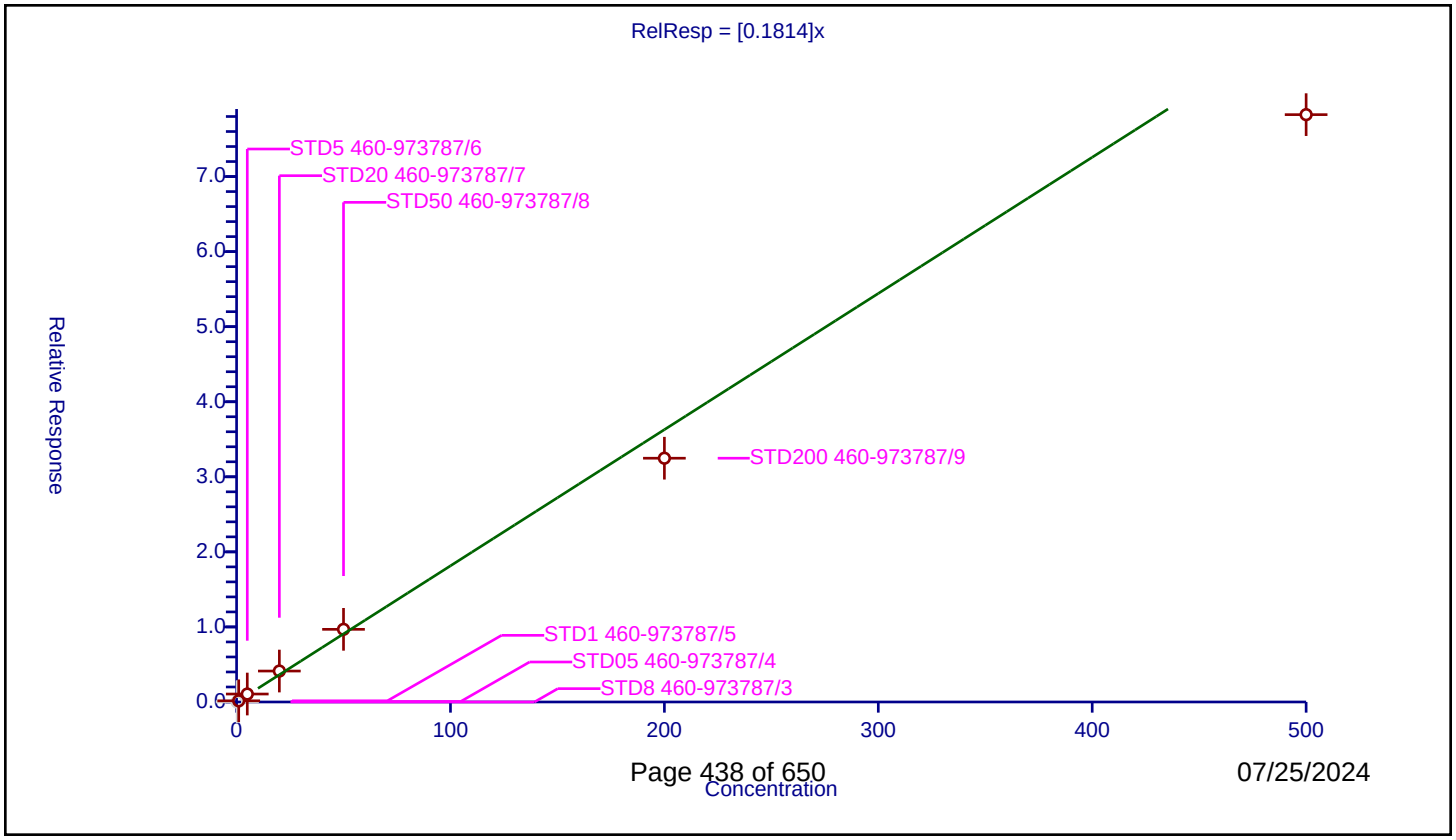
Curve Coefficients

Intercept:	0
Slope:	0.1814

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	0.5	0.065312	50.0	591013.0	0.130623	N
3	STD1 460-973787/5	1.0	0.157672	50.0	633909.0	0.157672	Y
4	STD5 460-973787/6	5.0	1.061533	50.0	623014.0	0.212307	Y
5	STD20 460-973787/7	20.0	4.122169	50.0	592819.0	0.206108	Y
6	STD50 460-973787/8	50.0	9.678151	50.0	595372.0	0.193563	Y
7	STD200 460-973787/9	200.0	32.477241	50.0	616347.0	0.162386	Y
8	STD500 460-973787/10	500.0	78.249994	50.0	627278.0	0.1565	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

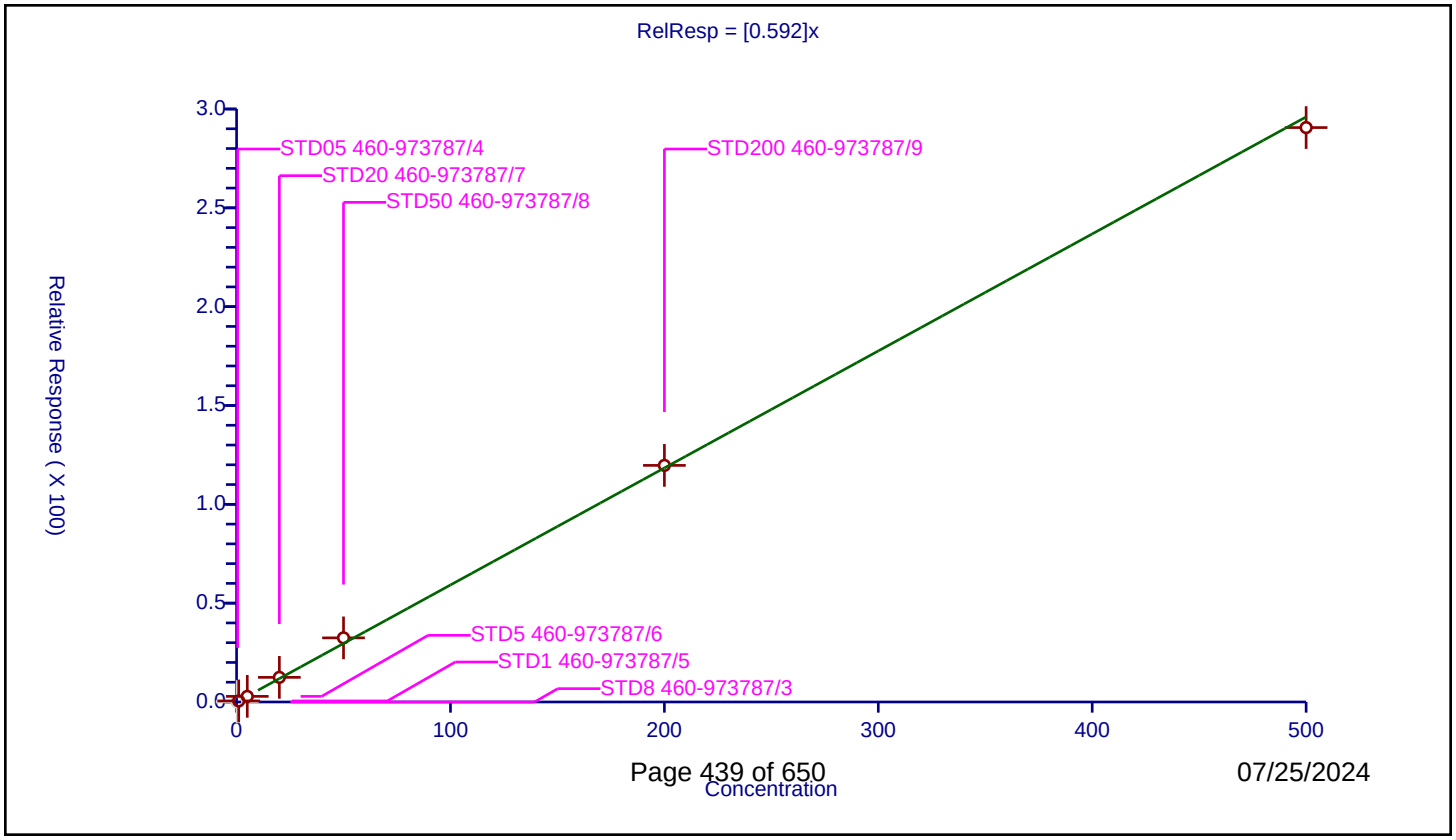
Curve Coefficients

Intercept:	0
Slope:	0.592

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	0.5	0.364713	50.0	591013.0	0.729426	N
3	STD1 460-973787/5	1.0	0.533357	50.0	633909.0	0.533357	Y
4	STD5 460-973787/6	5.0	2.837256	50.0	623014.0	0.567451	Y
5	STD20 460-973787/7	20.0	12.455235	50.0	592819.0	0.622762	Y
6	STD50 460-973787/8	50.0	32.441314	50.0	595372.0	0.648826	Y
7	STD200 460-973787/9	200.0	119.69548	50.0	616347.0	0.598477	Y
8	STD500 460-973787/10	500.0	290.604804	50.0	627278.0	0.58121	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

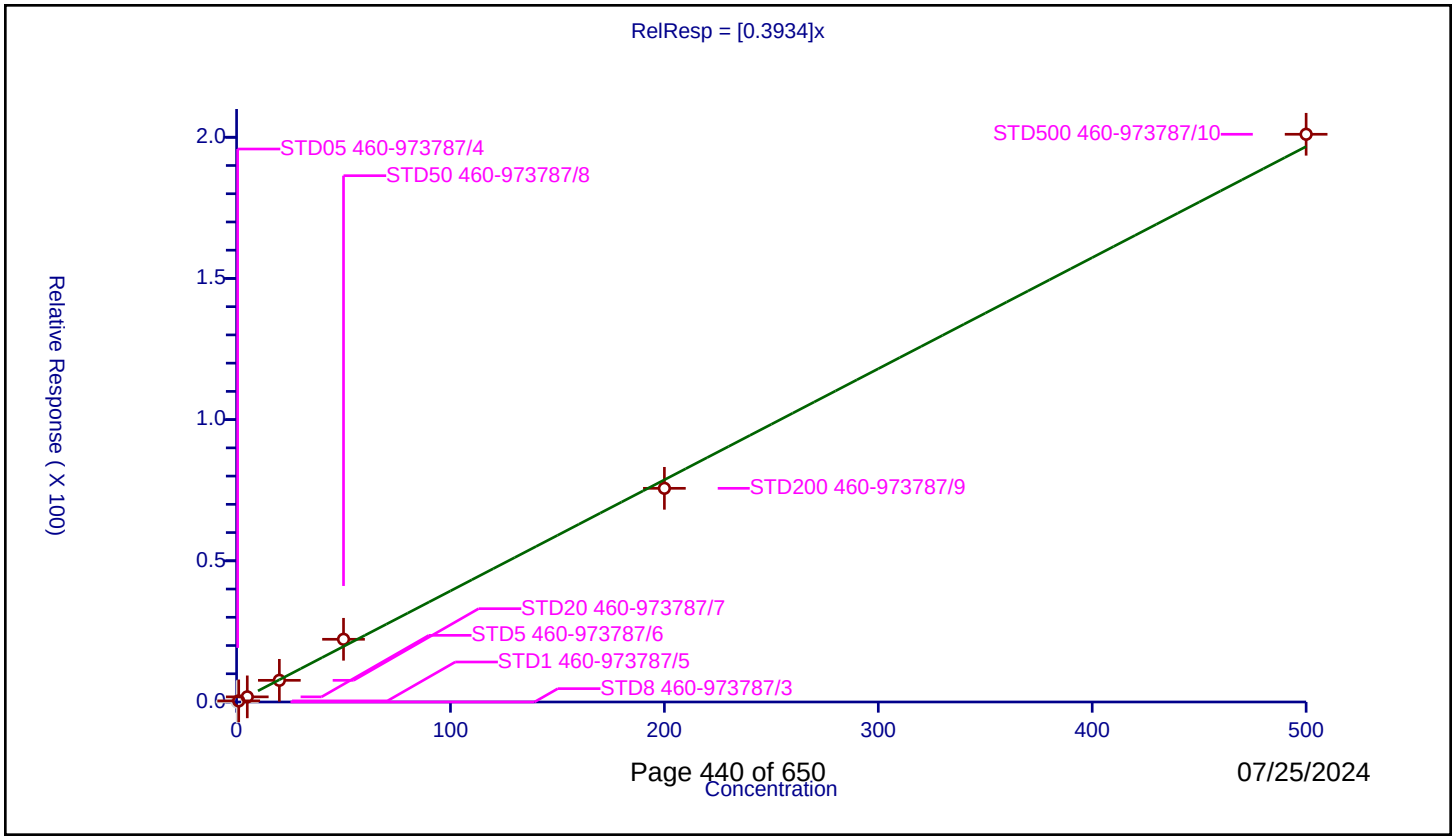
Curve Coefficients

Intercept:	0
Slope:	0.3934

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.25	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	0.5	0.27419	50.0	591013.0	0.54838	N
3	STD1 460-973787/5	1.0	0.388226	50.0	633909.0	0.388226	Y
4	STD5 460-973787/6	5.0	1.819622	50.0	623014.0	0.363924	Y
5	STD20 460-973787/7	20.0	7.675108	50.0	592819.0	0.383755	Y
6	STD50 460-973787/8	50.0	22.209896	50.0	595372.0	0.444198	Y
7	STD200 460-973787/9	200.0	75.669225	50.0	616347.0	0.378346	Y
8	STD500 460-973787/10	500.0	201.056709	50.0	627278.0	0.402113	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

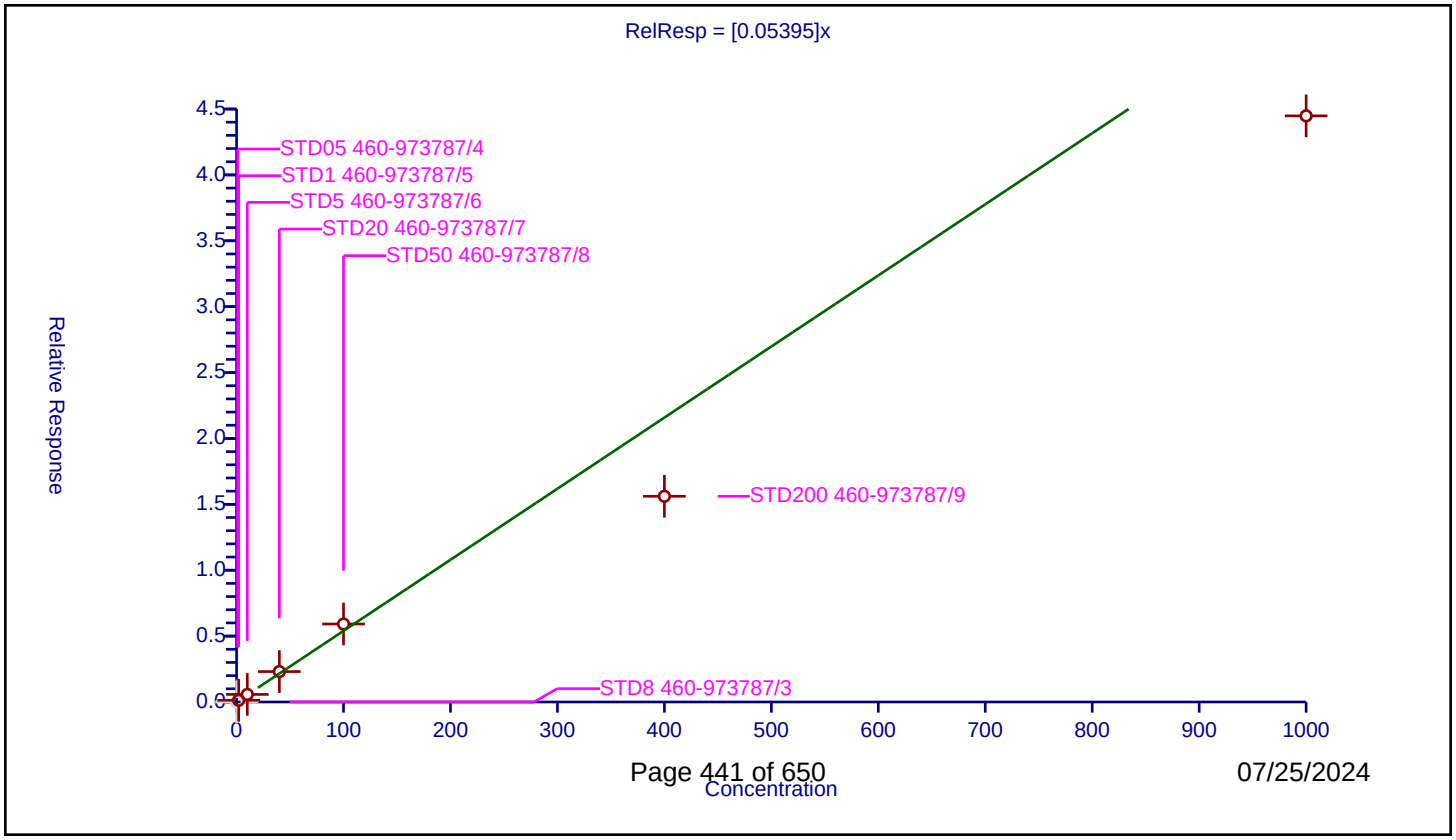
Curve Coefficients

Intercept:	0
Slope:	0.05395

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	1.0	0.082824	50.0	591013.0	0.082824	N
3	STD1 460-973787/5	2.0	0.131801	50.0	633909.0	0.065901	Y
4	STD5 460-973787/6	10.0	0.574064	50.0	623014.0	0.057406	Y
5	STD20 460-973787/7	40.0	2.30863	50.0	592819.0	0.057716	Y
6	STD50 460-973787/8	100.0	5.918317	50.0	595372.0	0.059183	Y
7	STD200 460-973787/9	400.0	15.611011	50.0	616347.0	0.039028	Y
8	STD500 460-973787/10	1000.0	44.47988	50.0	627278.0	0.04448	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

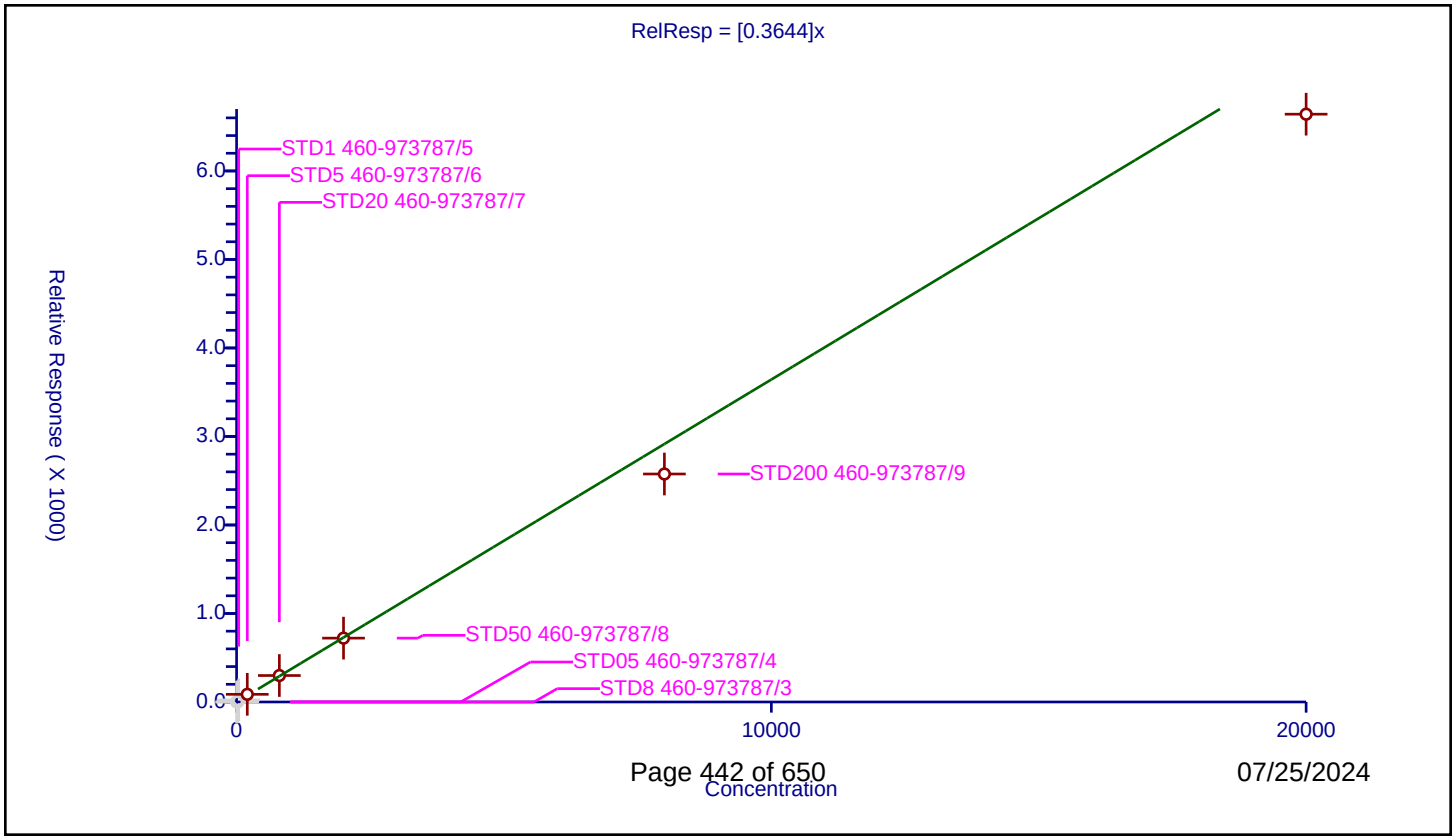
Curve Coefficients

Intercept:	0
Slope:	0.3644

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	1000.0	30903.0	NaN	N
2	STD05 460-973787/4	20.0	0.0	1000.0	26640.0	0.0	N
3	STD1 460-973787/5	40.0	23.333809	1000.0	28028.0	0.583345	N
4	STD5 460-973787/6	200.0	86.6483	1000.0	29764.0	0.433241	Y
5	STD20 460-973787/7	800.0	298.934777	1000.0	28257.0	0.373668	Y
6	STD50 460-973787/8	2000.0	721.605259	1000.0	28905.0	0.360803	Y
7	STD200 460-973787/9	8000.0	2576.15327	1000.0	28029.0	0.322019	Y
8	STD500 460-973787/10	20000.0	6641.564998	1000.0	30901.0	0.332078	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

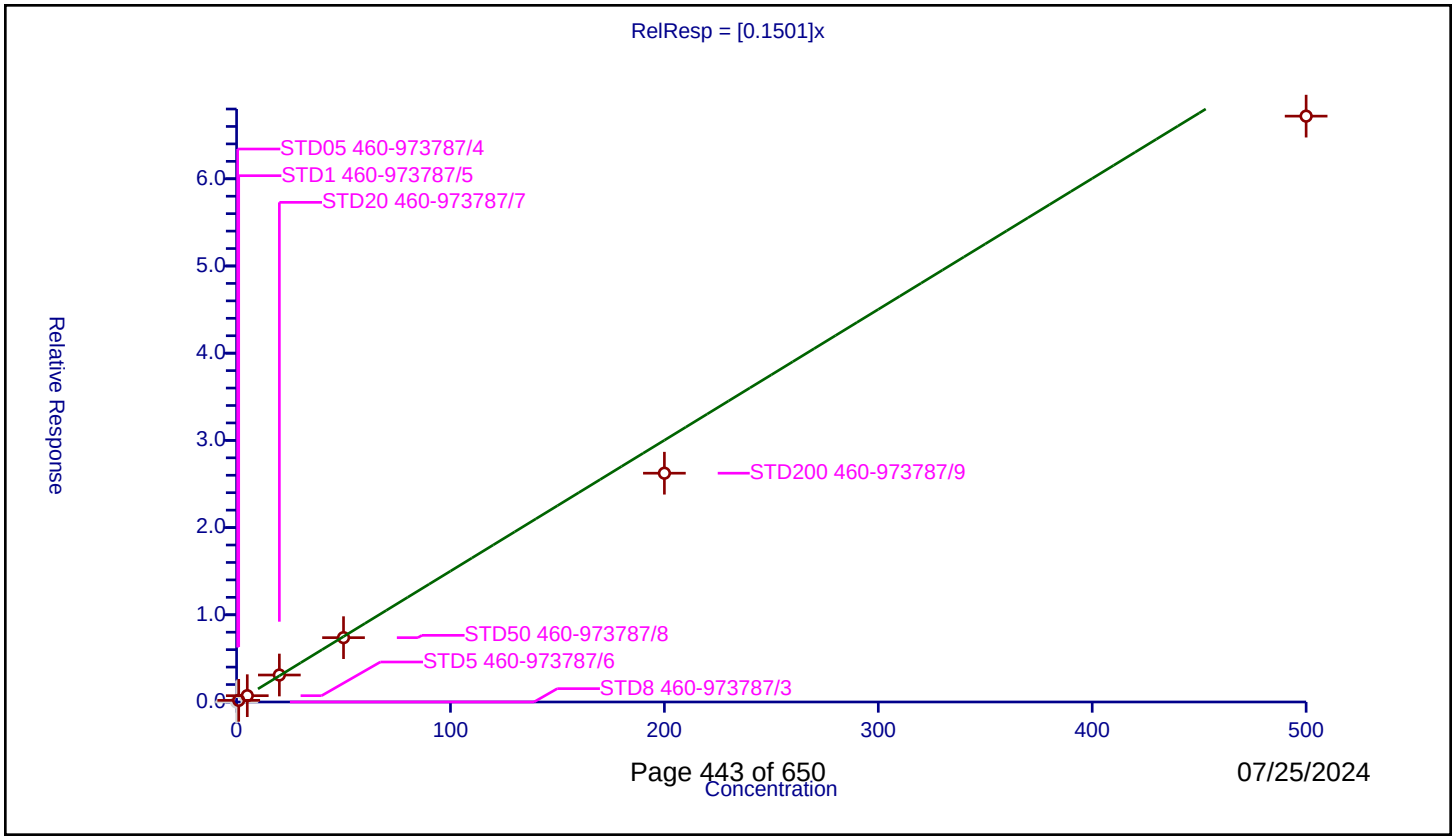
Curve Coefficients

Intercept:	0
Slope:	0.1501

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.127662	50.0	591013.0	0.255324	N
3	STD1 460-973787/5	1.0	0.188197	50.0	633909.0	0.188197	Y
4	STD5 460-973787/6	5.0	0.722696	50.0	623014.0	0.144539	Y
5	STD20 460-973787/7	20.0	3.093271	50.0	592819.0	0.154664	Y
6	STD50 460-973787/8	50.0	7.378832	50.0	595372.0	0.147577	Y
7	STD200 460-973787/9	200.0	26.235384	50.0	616347.0	0.131177	Y
8	STD500 460-973787/10	500.0	67.183928	50.0	627278.0	0.134368	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

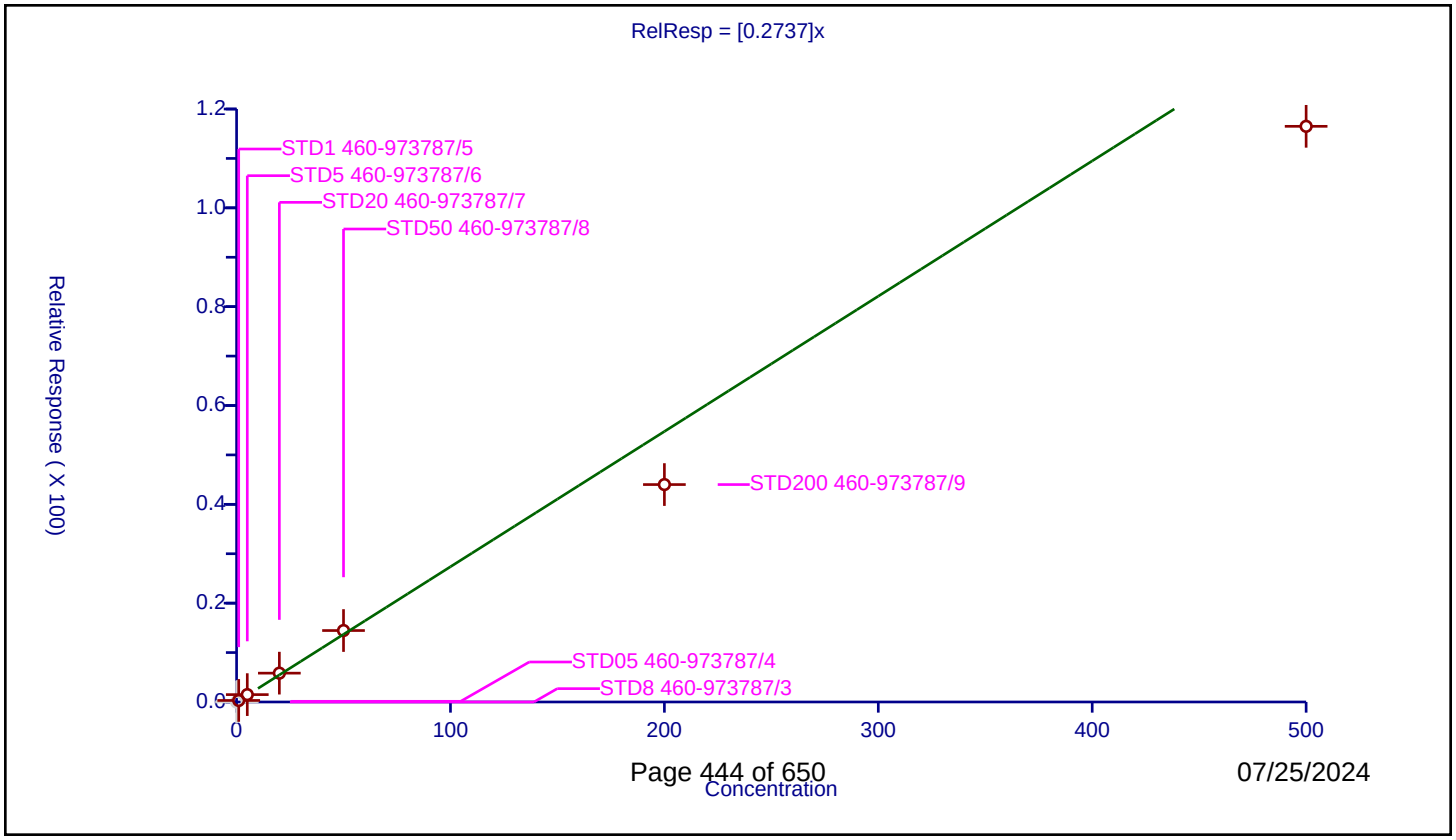
Curve Coefficients

Intercept:	0
Slope:	0.2737

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.136038	50.0	591013.0	0.272075	N
3	STD1 460-973787/5	1.0	0.310139	50.0	633909.0	0.310139	Y
4	STD5 460-973787/6	5.0	1.491861	50.0	623014.0	0.298372	Y
5	STD20 460-973787/7	20.0	5.83399	50.0	592819.0	0.291699	Y
6	STD50 460-973787/8	50.0	14.459447	50.0	595372.0	0.289189	Y
7	STD200 460-973787/9	200.0	43.998673	50.0	616347.0	0.219993	Y
8	STD500 460-973787/10	500.0	116.498427	50.0	627278.0	0.232997	Y



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

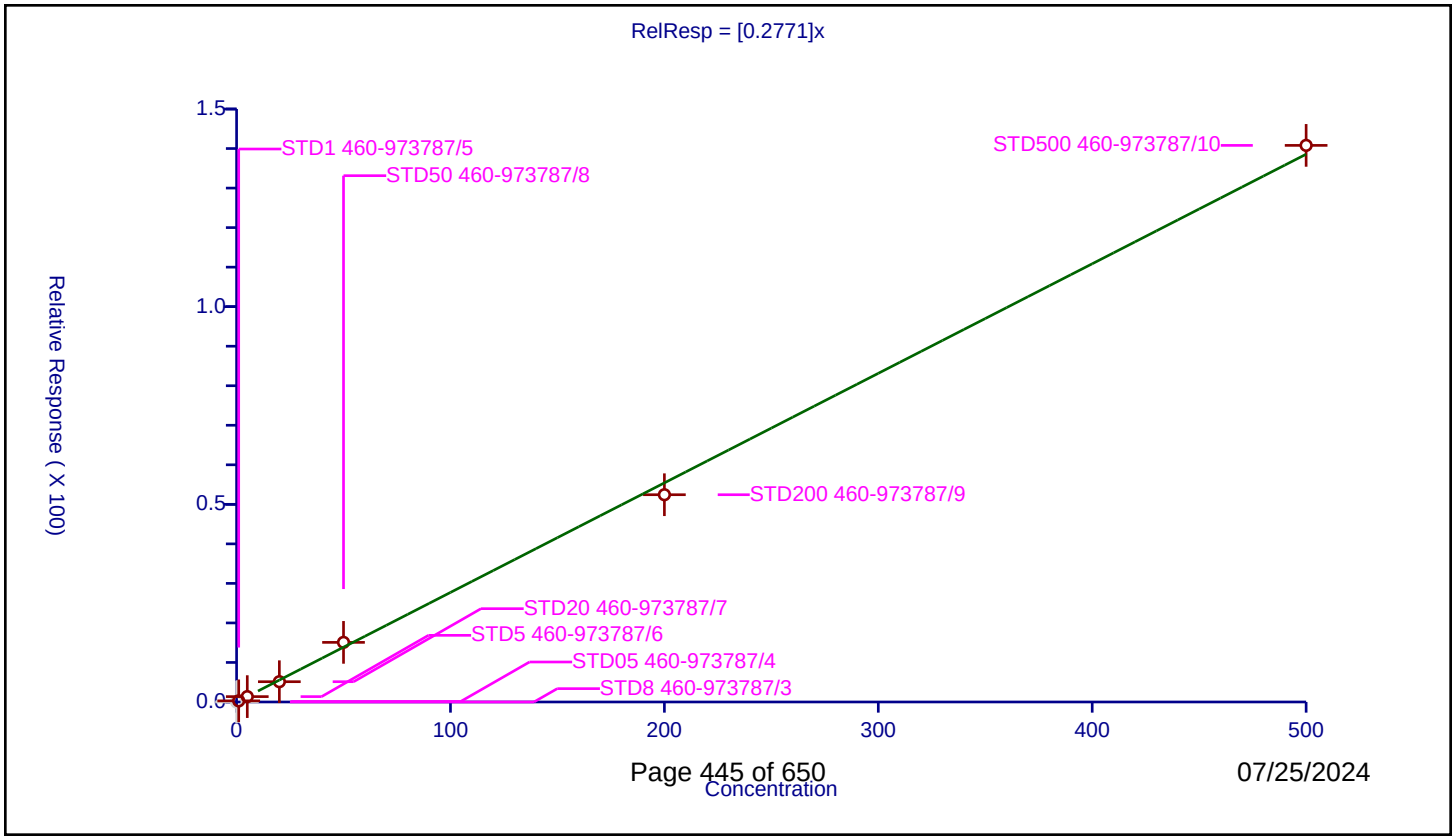
Curve Coefficients

Intercept:	0
Slope:	0.2771

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.133669	50.0	591013.0	0.267338	N
3	STD1 460-973787/5	1.0	0.289	50.0	633909.0	0.289	Y
4	STD5 460-973787/6	5.0	1.35952	50.0	623014.0	0.271904	Y
5	STD20 460-973787/7	20.0	5.130655	50.0	592819.0	0.256533	Y
6	STD50 460-973787/8	50.0	15.078892	50.0	595372.0	0.301578	Y
7	STD200 460-973787/9	200.0	52.430855	50.0	616347.0	0.262154	Y
8	STD500 460-973787/10	500.0	140.801367	50.0	627278.0	0.281603	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

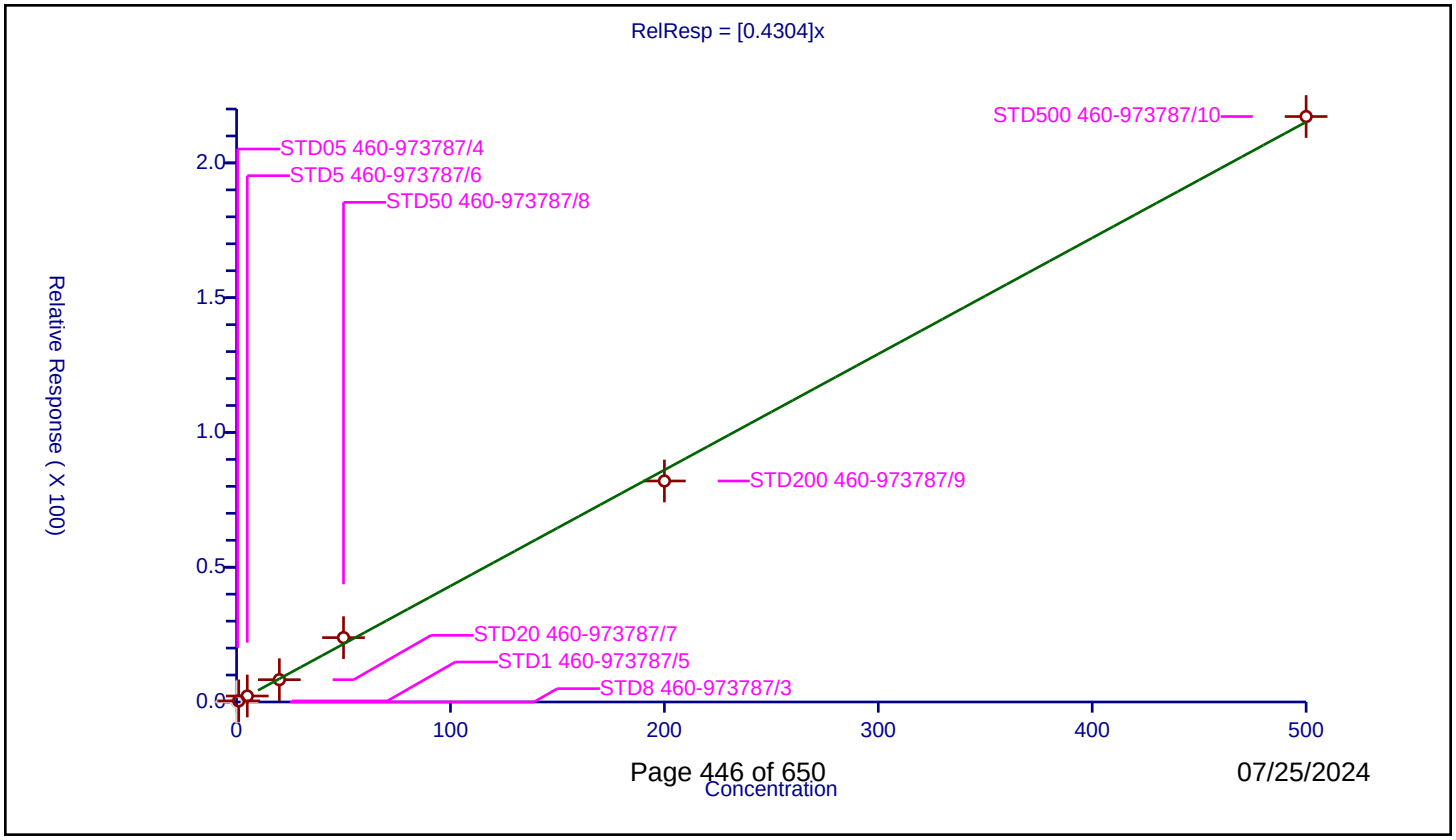
Curve Coefficients

Intercept:	0
Slope:	0.4304

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.291449	50.0	591013.0	0.582897	N
3	STD1 460-973787/5	1.0	0.402424	50.0	633909.0	0.402424	Y
4	STD5 460-973787/6	5.0	2.220255	50.0	623014.0	0.444051	Y
5	STD20 460-973787/7	20.0	8.27934	50.0	592819.0	0.413967	Y
6	STD50 460-973787/8	50.0	23.8786	50.0	595372.0	0.477572	Y
7	STD200 460-973787/9	200.0	81.995369	50.0	616347.0	0.409977	Y
8	STD500 460-973787/10	500.0	217.212783	50.0	627278.0	0.434426	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

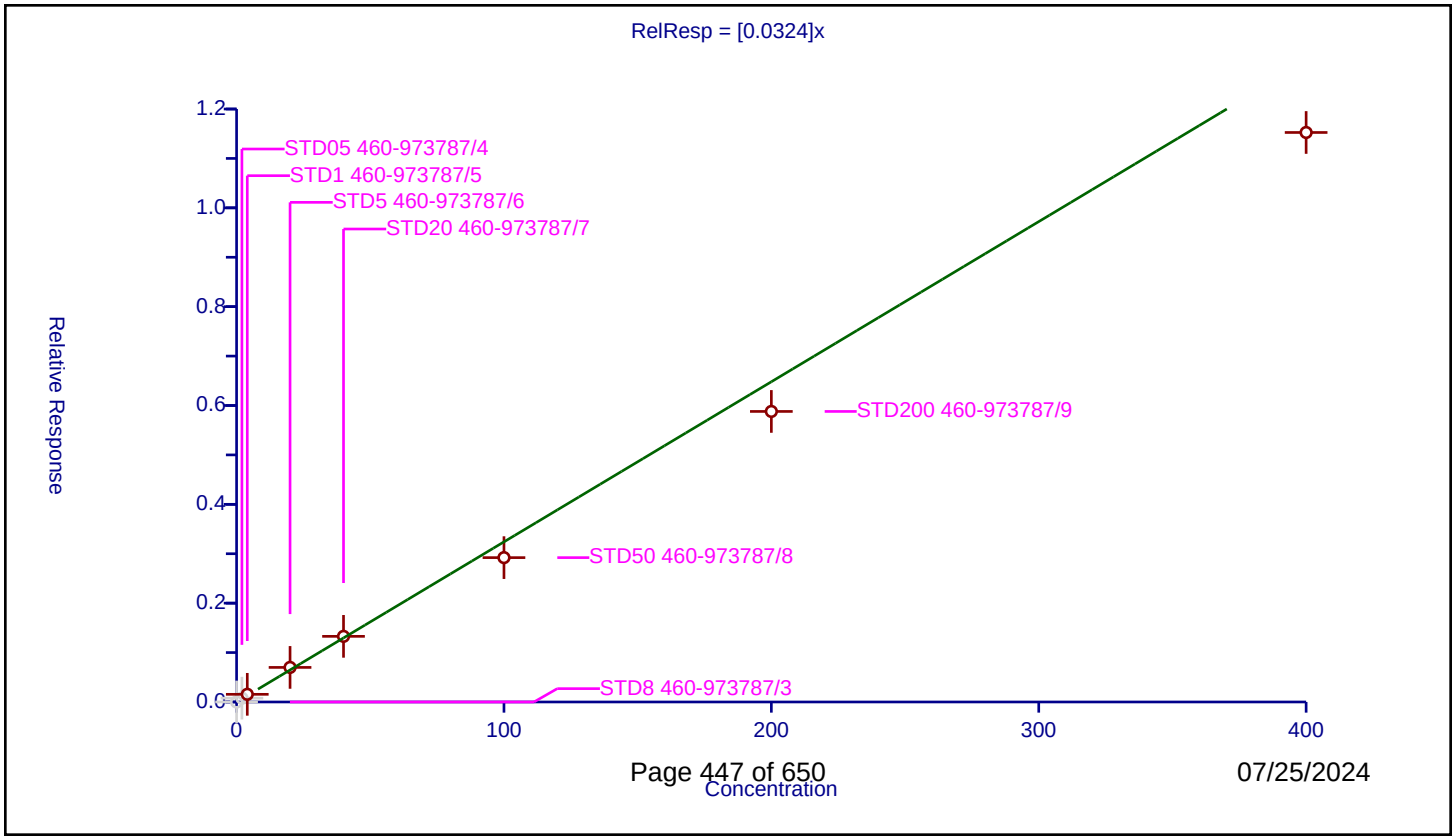
Curve Coefficients

Intercept:	0
Slope:	0.0324

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	2.0	0.077325	50.0	591013.0	0.038662	N
3	STD1 460-973787/5	4.0	0.155227	50.0	633909.0	0.038807	Y
4	STD5 460-973787/6	20.0	0.699663	50.0	623014.0	0.034983	Y
5	STD20 460-973787/7	40.0	1.328146	50.0	592819.0	0.033204	Y
6	STD50 460-973787/8	100.0	2.921451	50.0	595372.0	0.029215	Y
7	STD200 460-973787/9	200.0	5.879561	50.0	616347.0	0.029398	Y
8	STD500 460-973787/10	400.0	11.525034	50.0	627278.0	0.028813	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

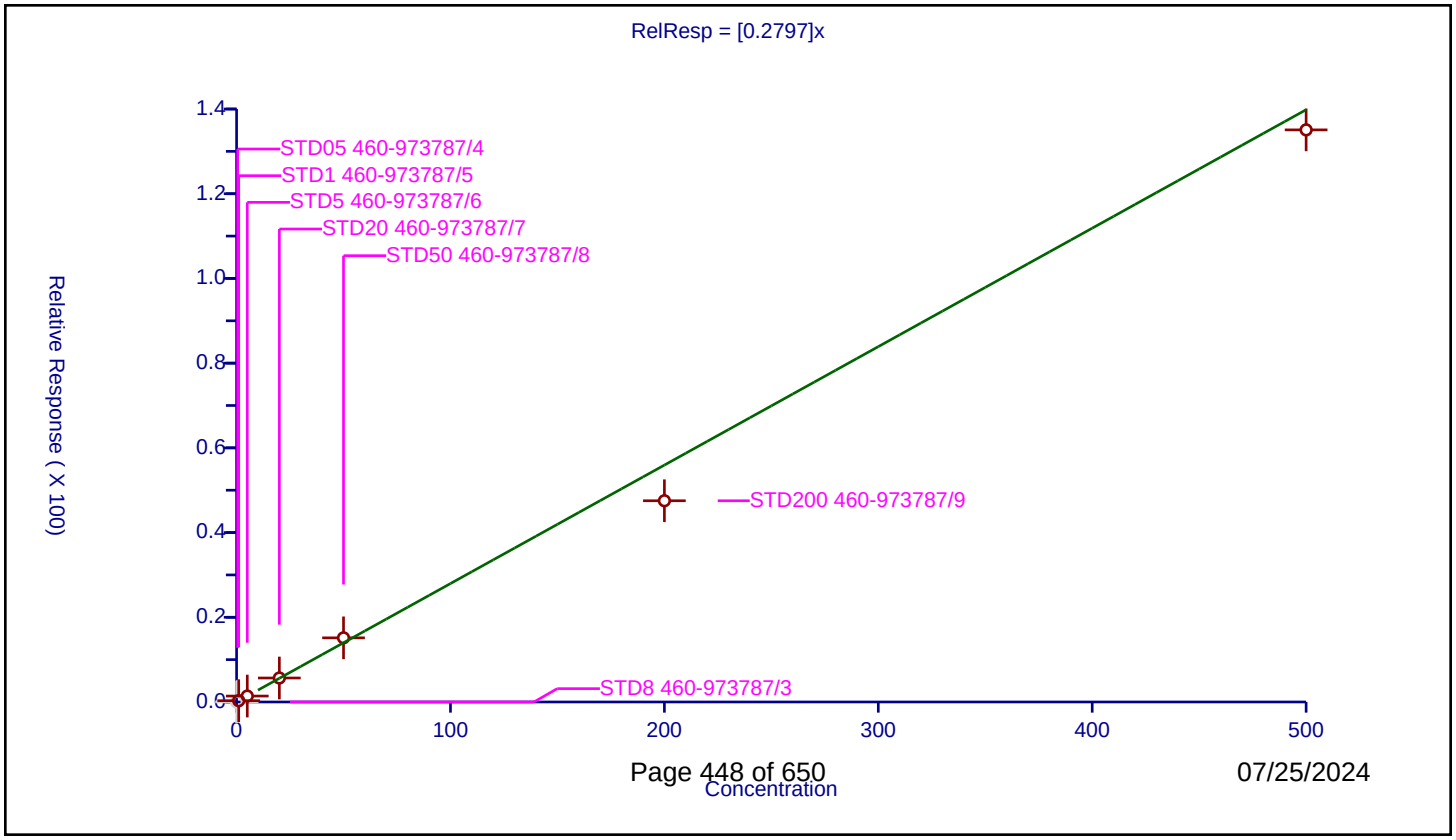
Curve Coefficients

Intercept:	0
Slope:	0.2797

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.180368	50.0	591013.0	0.360737	N
3	STD1 460-973787/5	1.0	0.303514	50.0	633909.0	0.303514	Y
4	STD5 460-973787/6	5.0	1.403098	50.0	623014.0	0.28062	Y
5	STD20 460-973787/7	20.0	5.664714	50.0	592819.0	0.283236	Y
6	STD50 460-973787/8	50.0	15.144985	50.0	595372.0	0.3029	Y
7	STD200 460-973787/9	200.0	47.510412	50.0	616347.0	0.237552	Y
8	STD500 460-973787/10	500.0	135.075038	50.0	627278.0	0.27015	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

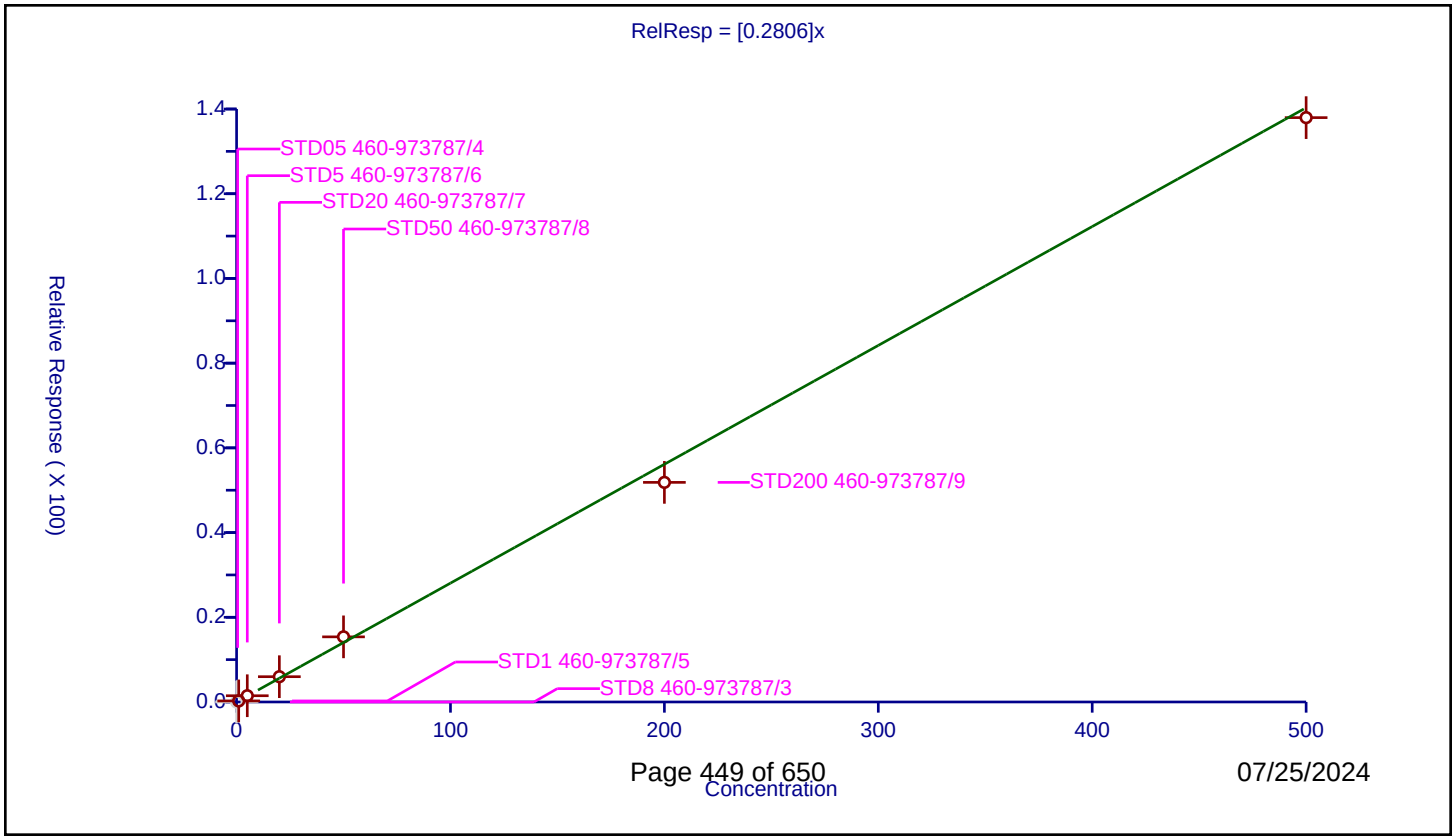
Curve Coefficients

Intercept:	0
Slope:	0.2806

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.195343	50.0	591013.0	0.390685	N
3	STD1 460-973787/5	1.0	0.246881	50.0	633909.0	0.246881	Y
4	STD5 460-973787/6	5.0	1.477575	50.0	623014.0	0.295515	Y
5	STD20 460-973787/7	20.0	5.972565	50.0	592819.0	0.298628	Y
6	STD50 460-973787/8	50.0	15.375177	50.0	595372.0	0.307504	Y
7	STD200 460-973787/9	200.0	51.849445	50.0	616347.0	0.259247	Y
8	STD500 460-973787/10	500.0	137.96929	50.0	627278.0	0.275939	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

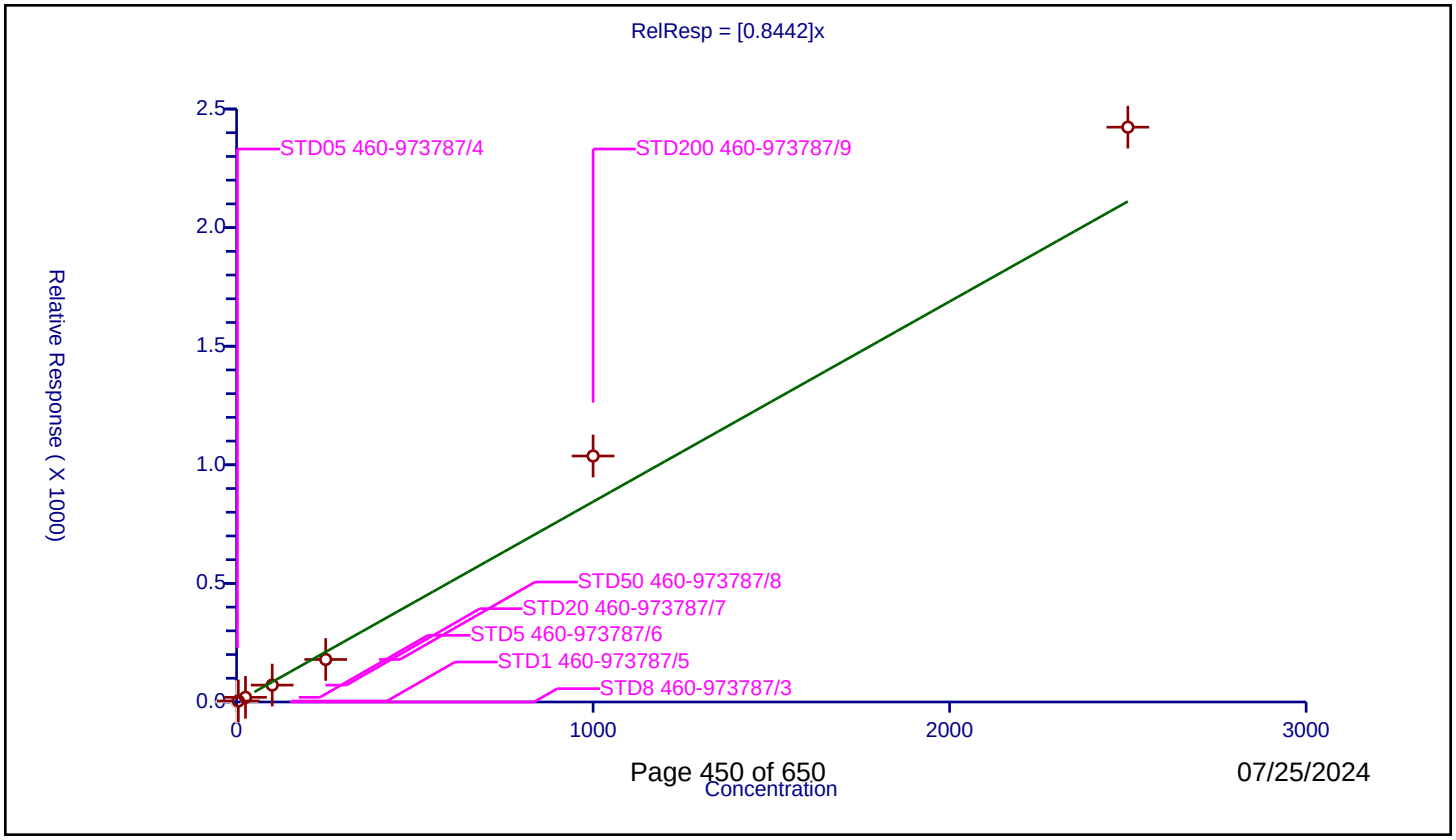
Curve Coefficients

Intercept:	0
Slope:	0.8442

Error Coefficients

Relative Standard Deviation:	15.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	2.5	2.664226	250.0	158958.0	1.06569	N
3	STD1 460-973787/5	5.0	4.203251	250.0	177898.0	0.84065	Y
4	STD5 460-973787/6	25.0	19.728445	250.0	181768.0	0.789138	Y
5	STD20 460-973787/7	100.0	71.199896	250.0	180074.0	0.711999	Y
6	STD50 460-973787/8	250.0	179.231452	250.0	170178.0	0.716926	Y
7	STD200 460-973787/9	1000.0	1037.065646	250.0	168296.0	1.037066	Y
8	STD500 460-973787/10	2500.0	2423.381802	250.0	188095.0	0.969353	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

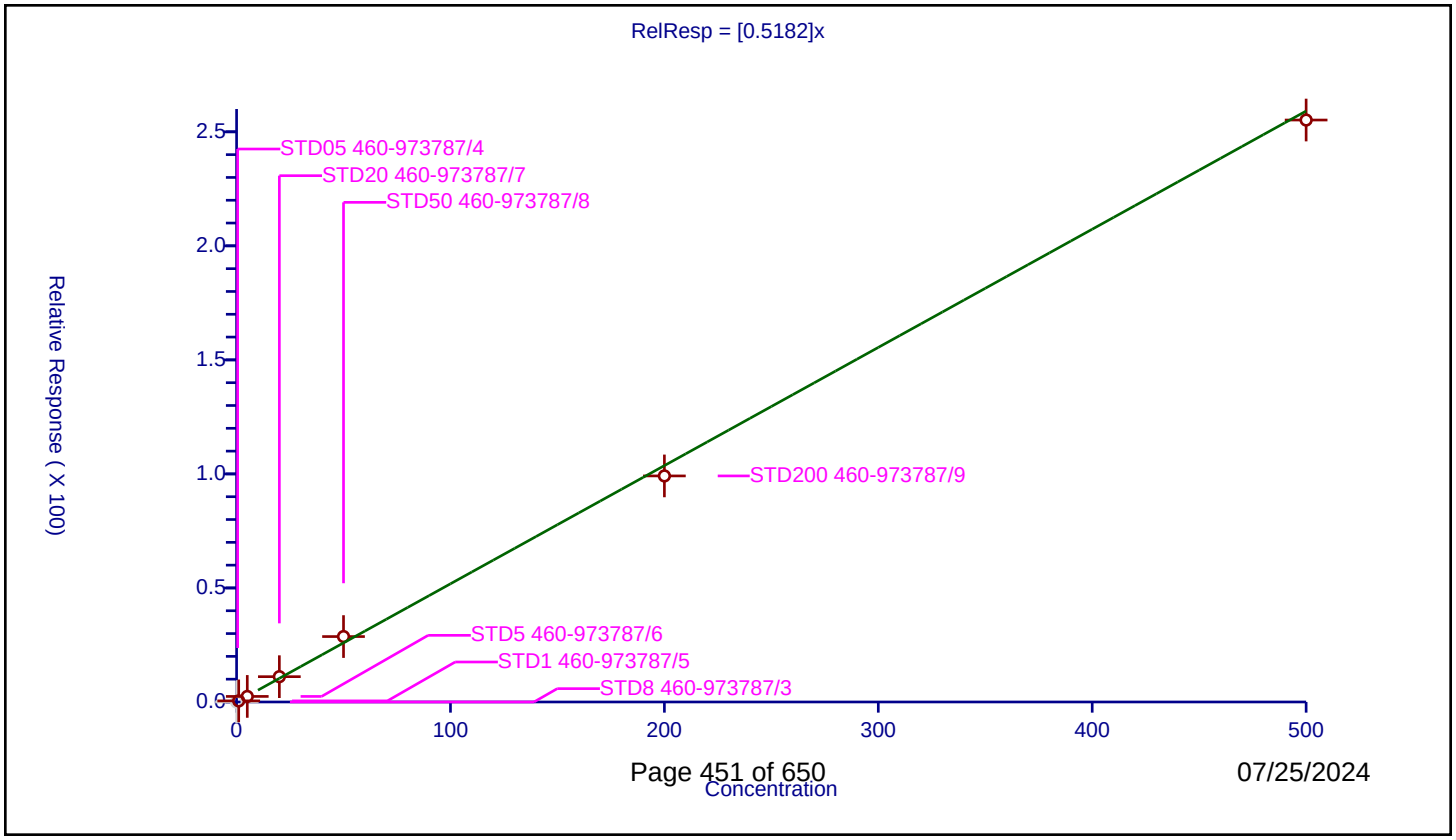
Curve Coefficients

Intercept:	0
Slope:	0.5182

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.291364	50.0	591013.0	0.582728	N
3	STD1 460-973787/5	1.0	0.487294	50.0	633909.0	0.487294	Y
4	STD5 460-973787/6	5.0	2.436302	50.0	623014.0	0.48726	Y
5	STD20 460-973787/7	20.0	11.103558	50.0	592819.0	0.555178	Y
6	STD50 460-973787/8	50.0	28.6819	50.0	595372.0	0.573638	Y
7	STD200 460-973787/9	200.0	99.121112	50.0	616347.0	0.495606	Y
8	STD500 460-973787/10	500.0	255.174341	50.0	627278.0	0.510349	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

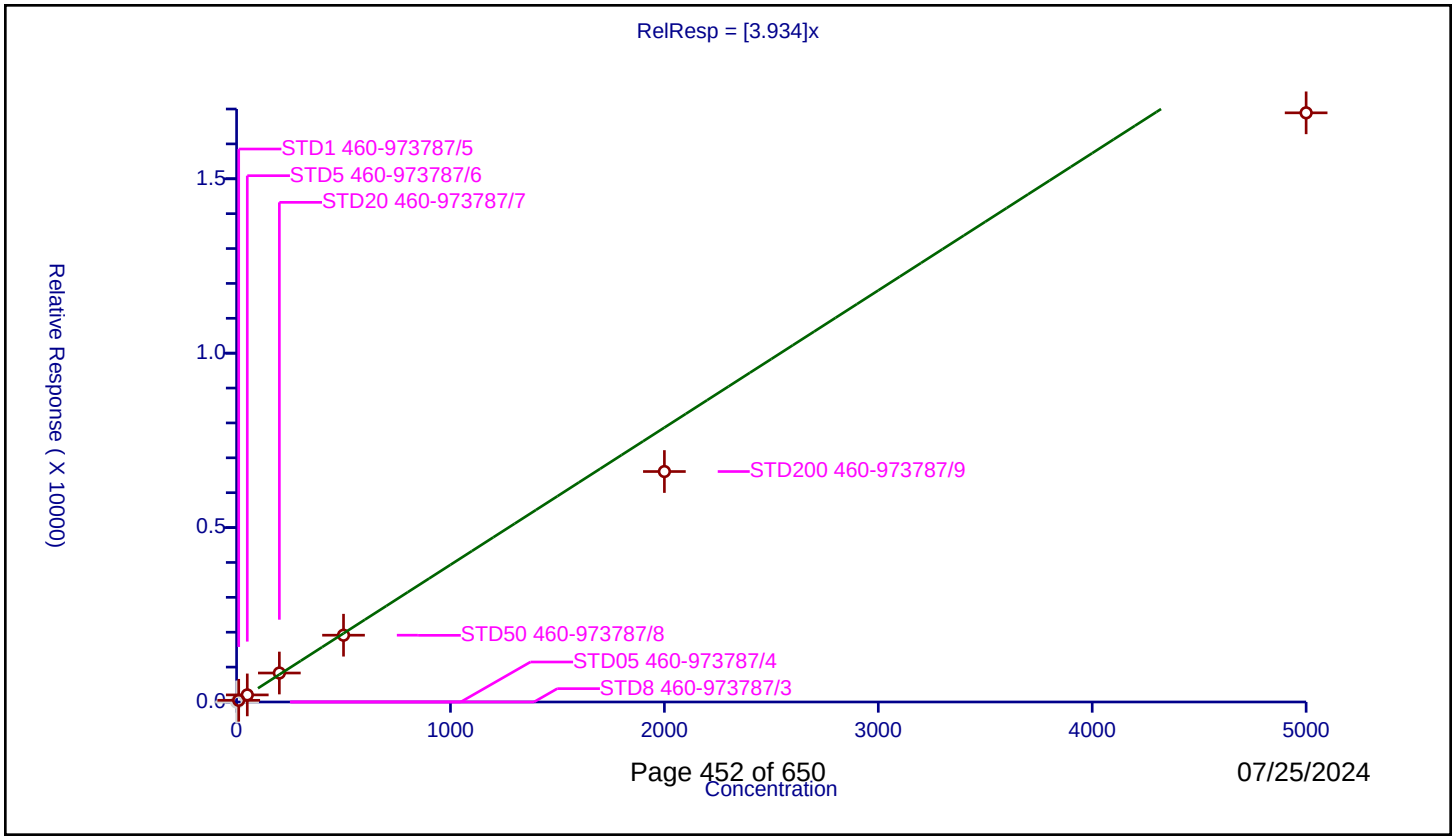
Curve Coefficients

Intercept:	0
Slope:	3.934

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	1000.0	30903.0	NaN	N
2	STD05 460-973787/4	5.0	0.0	1000.0	26640.0	0.0	N
3	STD1 460-973787/5	10.0	48.772656	1000.0	28028.0	4.877266	Y
4	STD5 460-973787/6	50.0	203.030507	1000.0	29764.0	4.06061	Y
5	STD20 460-973787/7	200.0	830.307534	1000.0	28257.0	4.151538	Y
6	STD50 460-973787/8	500.0	1914.997405	1000.0	28905.0	3.829995	Y
7	STD200 460-973787/9	2000.0	6607.156873	1000.0	28029.0	3.303578	Y
8	STD500 460-973787/10	5000.0	16890.521342	1000.0	30901.0	3.378104	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

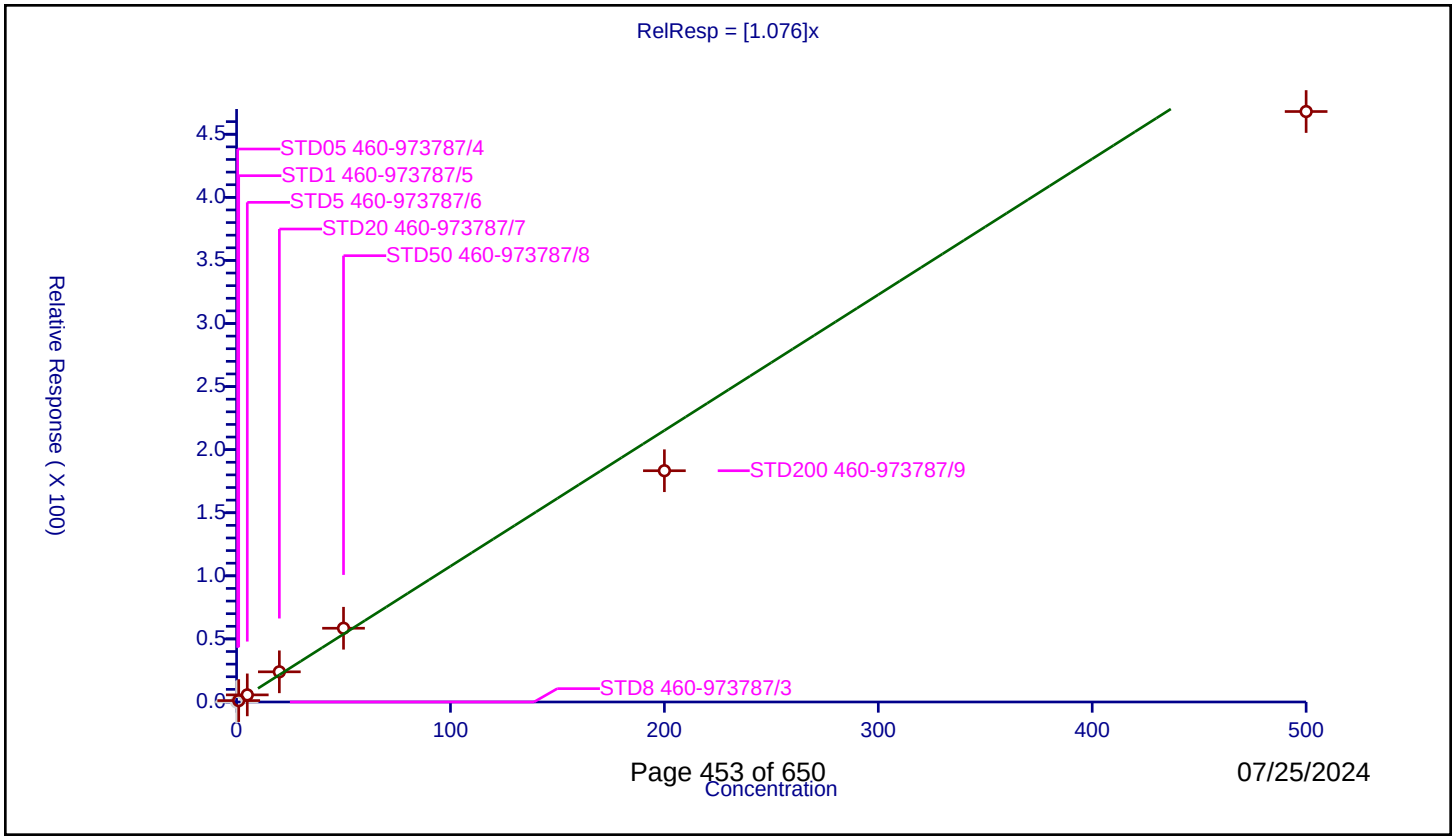
Curve Coefficients

Intercept:	0
Slope:	1.076

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.694401	50.0	591013.0	1.388802	N
3	STD1 460-973787/5	1.0	1.111201	50.0	633909.0	1.111201	Y
4	STD5 460-973787/6	5.0	5.641527	50.0	623014.0	1.128305	Y
5	STD20 460-973787/7	20.0	23.907972	50.0	592819.0	1.195399	Y
6	STD50 460-973787/8	50.0	58.462524	50.0	595372.0	1.16925	Y
7	STD200 460-973787/9	200.0	183.308834	50.0	616347.0	0.916544	Y
8	STD500 460-973787/10	500.0	468.021754	50.0	627278.0	0.936044	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

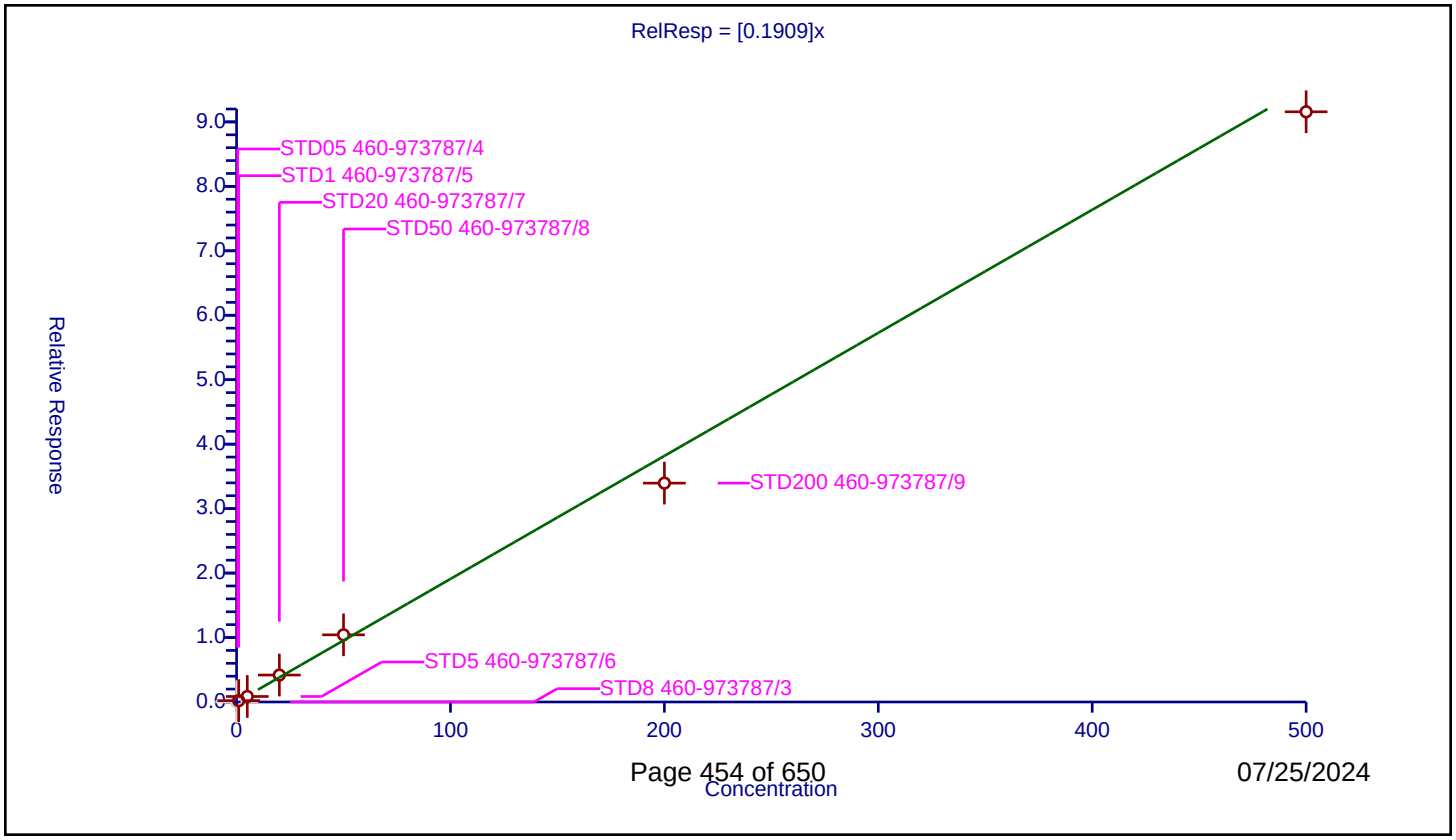
Curve Coefficients

Intercept:	0
Slope:	0.1909

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.142129	50.0	591013.0	0.284258	N
3	STD1 460-973787/5	1.0	0.203736	50.0	633909.0	0.203736	Y
4	STD5 460-973787/6	5.0	0.856241	50.0	623014.0	0.171248	Y
5	STD20 460-973787/7	20.0	4.181377	50.0	592819.0	0.209069	Y
6	STD50 460-973787/8	50.0	10.42172	50.0	595372.0	0.208434	Y
7	STD200 460-973787/9	200.0	33.957657	50.0	616347.0	0.169788	Y
8	STD500 460-973787/10	500.0	91.568093	50.0	627278.0	0.183136	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

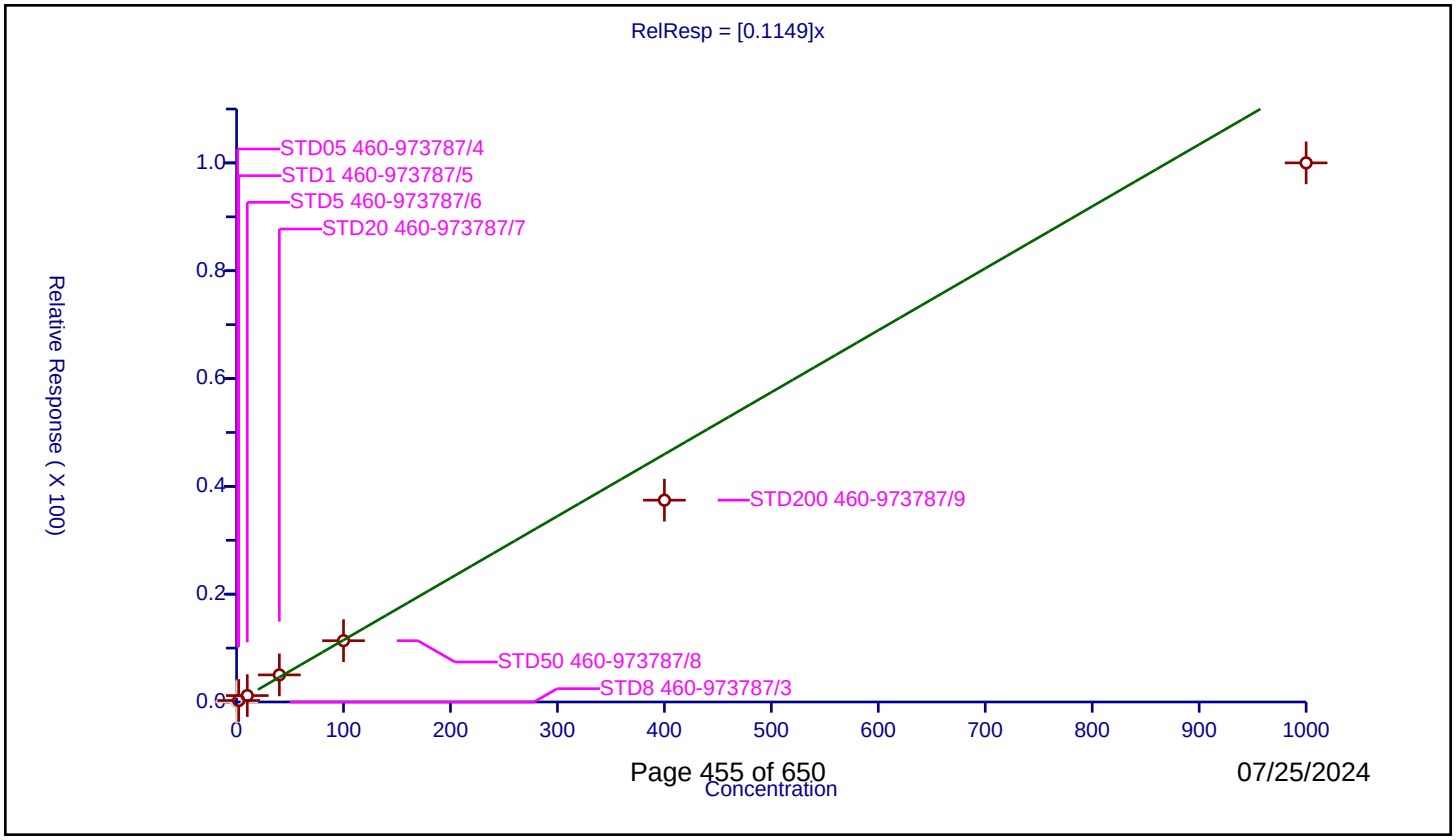
Curve Coefficients

Intercept:	0
Slope:	0.1149

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	1.0	0.218523	50.0	591013.0	0.218523	N
3	STD1 460-973787/5	2.0	0.274803	50.0	633909.0	0.137401	Y
4	STD5 460-973787/6	10.0	1.191787	50.0	623014.0	0.119179	Y
5	STD20 460-973787/7	40.0	5.022359	50.0	592819.0	0.125559	Y
6	STD50 460-973787/8	100.0	11.37121	50.0	595372.0	0.113712	Y
7	STD200 460-973787/9	400.0	37.438732	50.0	616347.0	0.093597	Y
8	STD500 460-973787/10	1000.0	100.007014	50.0	627278.0	0.100007	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

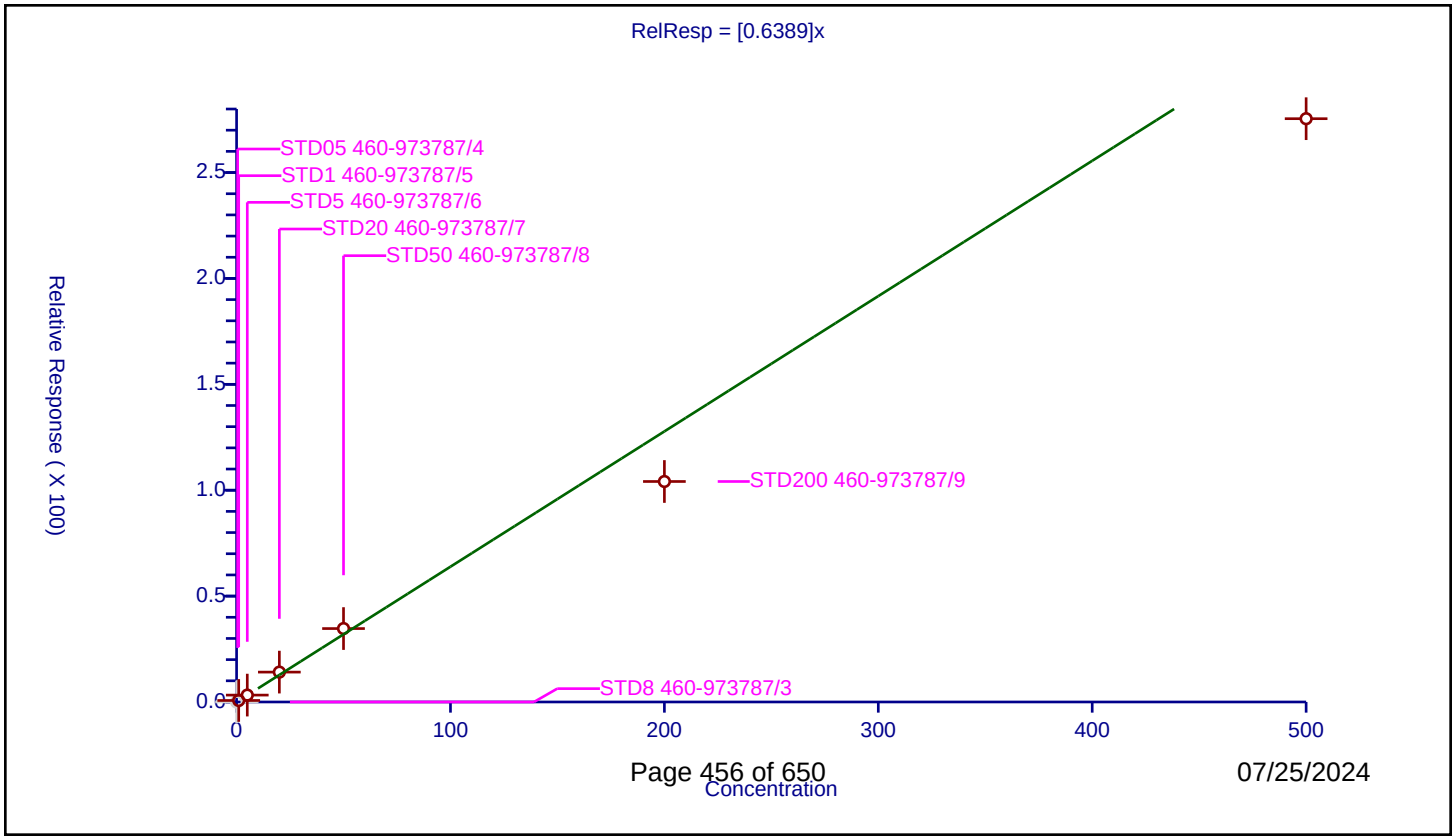
Curve Coefficients

Intercept:	0
Slope:	0.6389

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.354307	50.0	591013.0	0.708614	N
3	STD1 460-973787/5	1.0	0.712247	50.0	633909.0	0.712247	Y
4	STD5 460-973787/6	5.0	3.253859	50.0	623014.0	0.650772	Y
5	STD20 460-973787/7	20.0	14.107004	50.0	592819.0	0.70535	Y
6	STD50 460-973787/8	50.0	34.666477	50.0	595372.0	0.69333	Y
7	STD200 460-973787/9	200.0	104.116431	50.0	616347.0	0.520582	Y
8	STD500 460-973787/10	500.0	275.424054	50.0	627278.0	0.550848	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

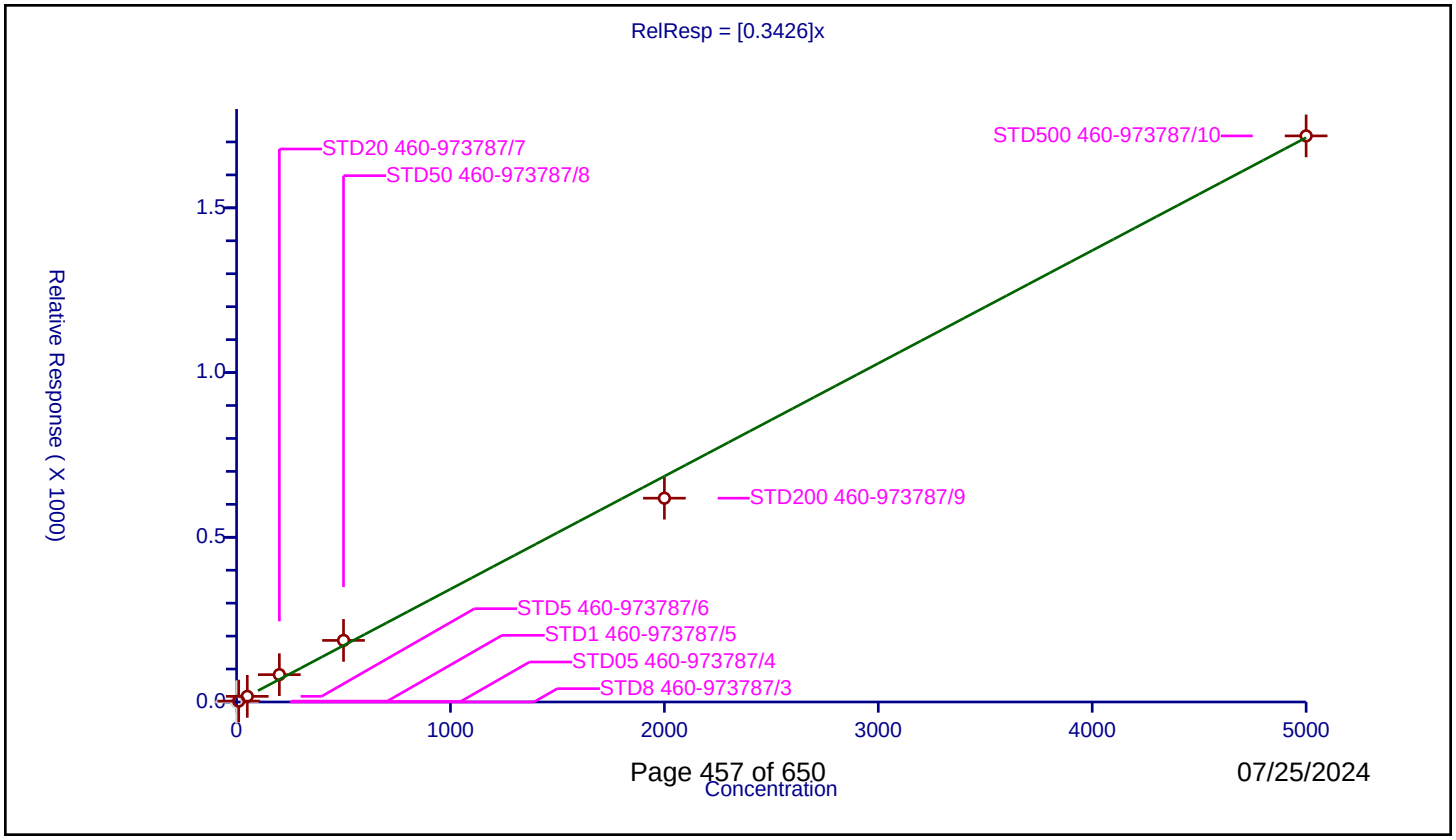
Curve Coefficients

Intercept:	0
Slope:	0.3426

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	5.0	1.558588	250.0	158958.0	0.311718	N
3	STD1 460-973787/5	10.0	2.712228	250.0	177898.0	0.271223	Y
4	STD5 460-973787/6	50.0	17.130353	250.0	181768.0	0.342607	Y
5	STD20 460-973787/7	200.0	83.015871	250.0	180074.0	0.415079	Y
6	STD50 460-973787/8	500.0	186.913115	250.0	170178.0	0.373826	Y
7	STD200 460-973787/9	2000.0	618.680777	250.0	168296.0	0.30934	Y
8	STD500 460-973787/10	5000.0	1718.405593	250.0	188095.0	0.343681	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

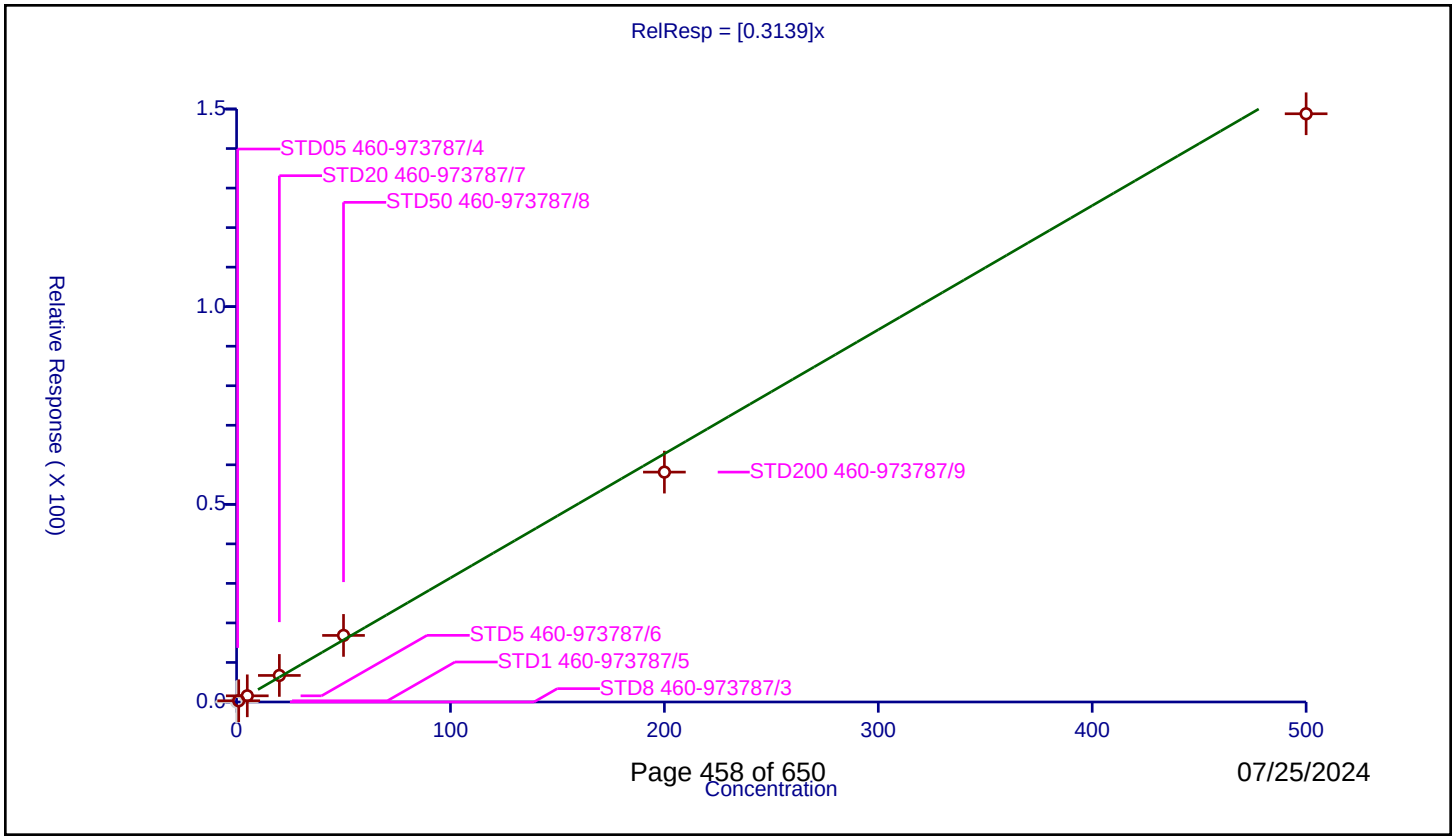
Curve Coefficients

Intercept:	0
Slope:	0.3139

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.192128	50.0	591013.0	0.384256	N
3	STD1 460-973787/5	1.0	0.309824	50.0	633909.0	0.309824	Y
4	STD5 460-973787/6	5.0	1.562886	50.0	623014.0	0.312577	Y
5	STD20 460-973787/7	20.0	6.717818	50.0	592819.0	0.335891	Y
6	STD50 460-973787/8	50.0	16.84048	50.0	595372.0	0.33681	Y
7	STD200 460-973787/9	200.0	58.153037	50.0	616347.0	0.290765	Y
8	STD500 460-973787/10	500.0	148.799814	50.0	627278.0	0.2976	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

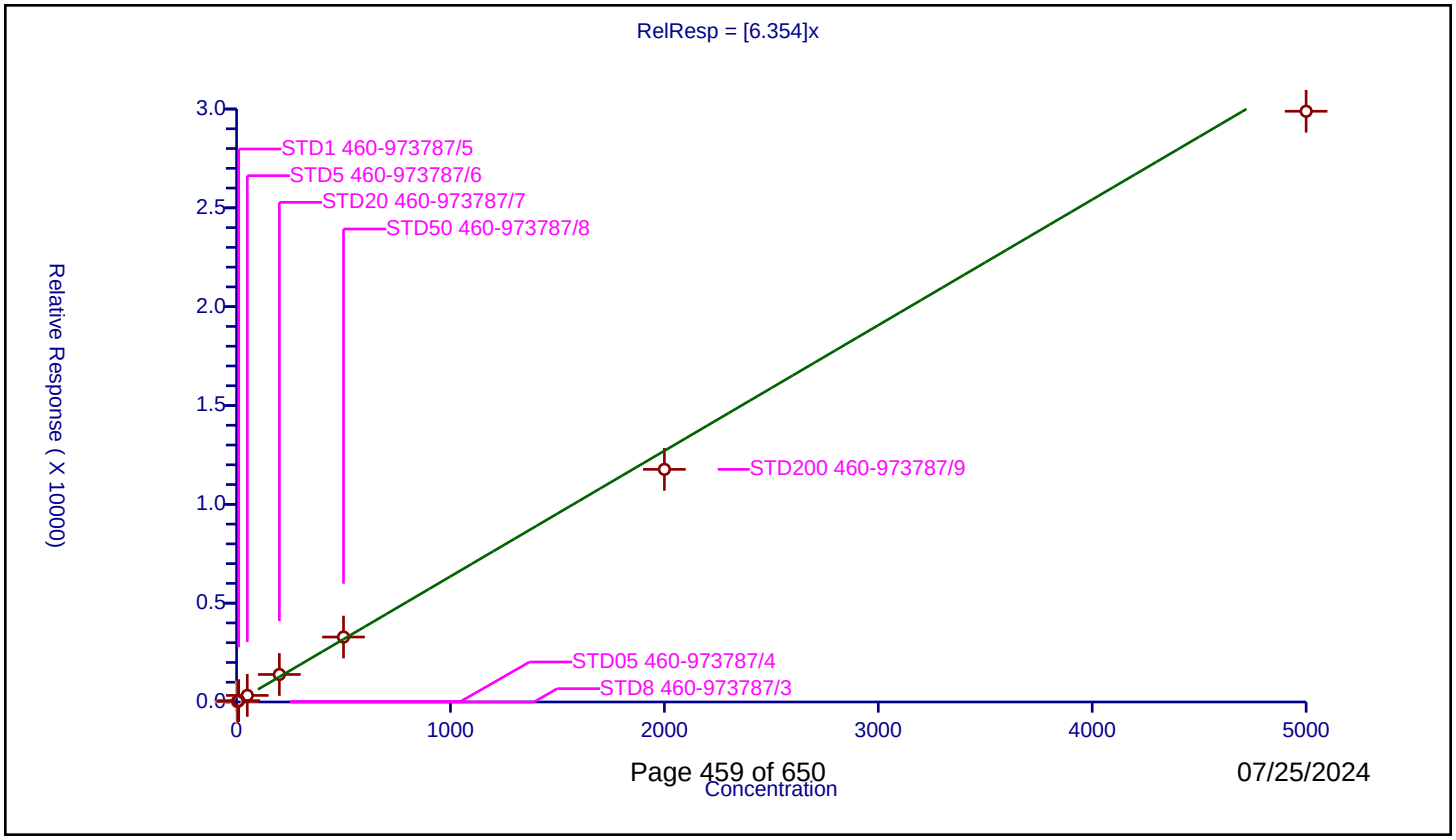
Curve Coefficients

Intercept:	0
Slope:	6.354

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	1000.0	30903.0	NaN	N
2	STD05 460-973787/4	5.0	27.777778	1000.0	26640.0	5.555556	Y
3	STD1 460-973787/5	10.0	68.716997	1000.0	28028.0	6.8717	Y
4	STD5 460-973787/6	50.0	332.986158	1000.0	29764.0	6.659723	Y
5	STD20 460-973787/7	200.0	1391.902891	1000.0	28257.0	6.959514	Y
6	STD50 460-973787/8	500.0	3286.144266	1000.0	28905.0	6.572289	Y
7	STD200 460-973787/9	2000.0	11769.453066	1000.0	28029.0	5.884727	Y
8	STD500 460-973787/10	5000.0	29886.379082	1000.0	30901.0	5.977276	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

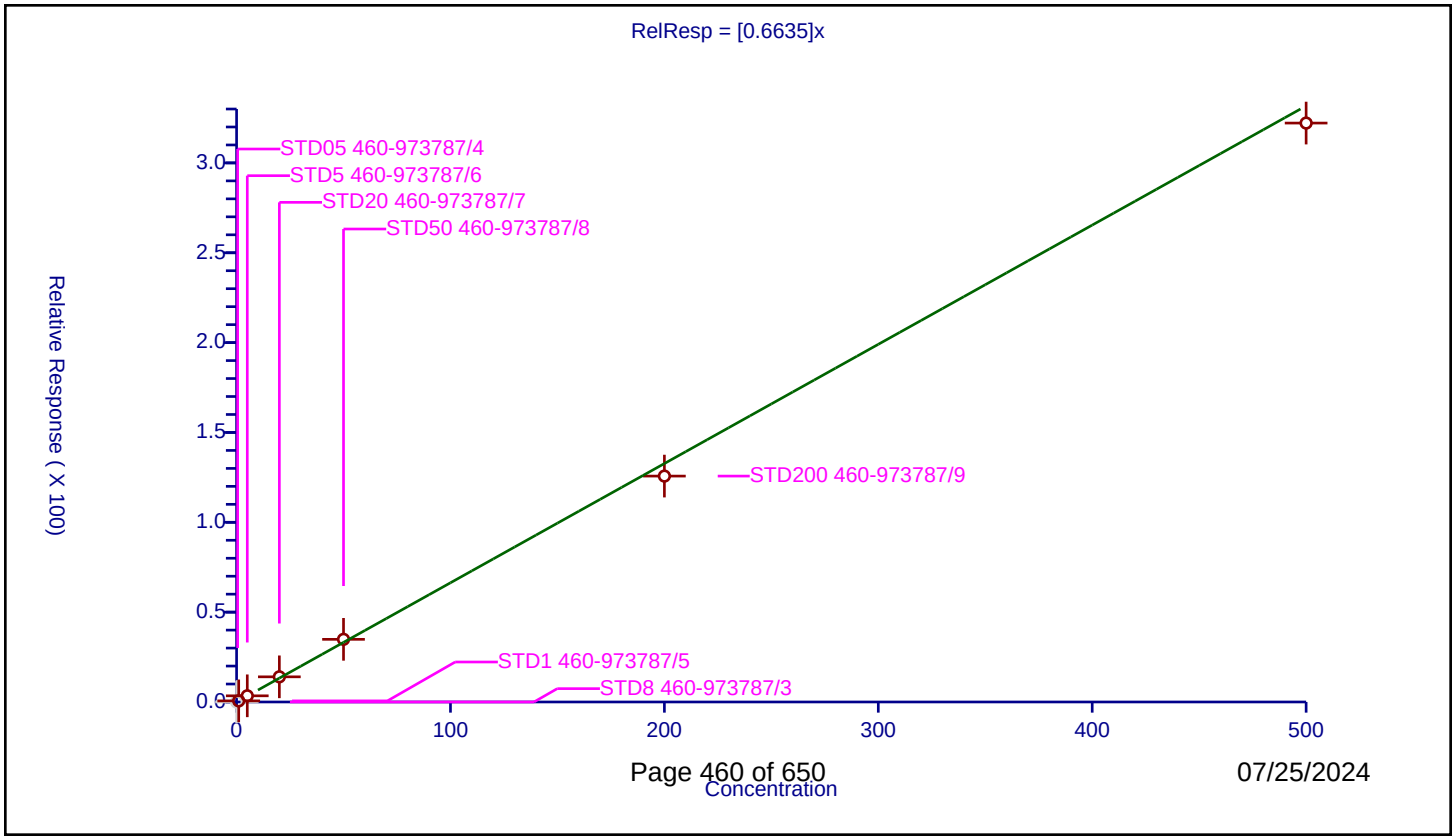
Curve Coefficients

Intercept:	0
Slope:	0.6635

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.373088	50.0	591013.0	0.746176	N
3	STD1 460-973787/5	1.0	0.623039	50.0	633909.0	0.623039	Y
4	STD5 460-973787/6	5.0	3.436841	50.0	623014.0	0.687368	Y
5	STD20 460-973787/7	20.0	14.007142	50.0	592819.0	0.700357	Y
6	STD50 460-973787/8	50.0	34.860726	50.0	595372.0	0.697215	Y
7	STD200 460-973787/9	200.0	125.720657	50.0	616347.0	0.628603	Y
8	STD500 460-973787/10	500.0	322.179958	50.0	627278.0	0.64436	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

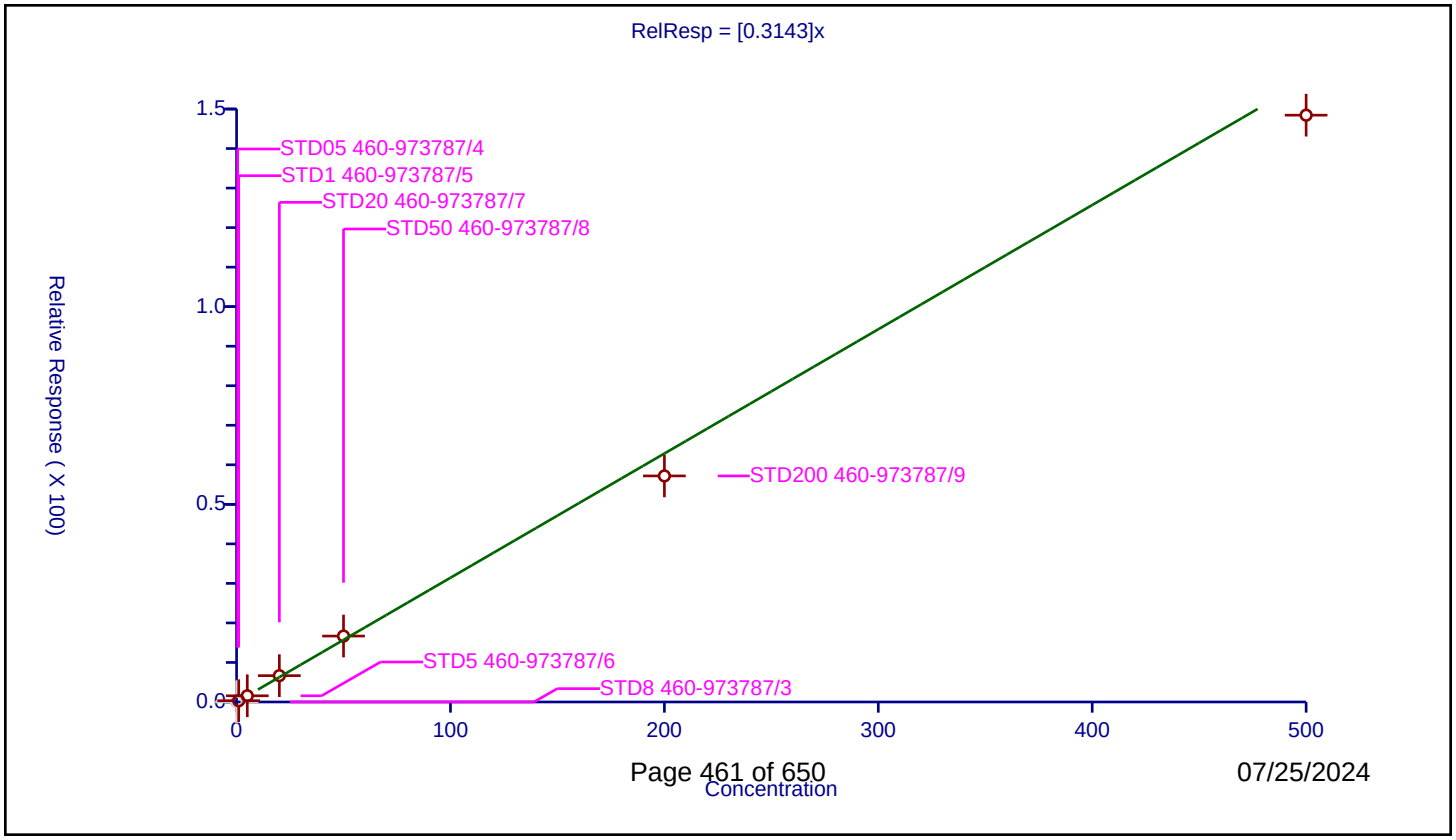
Curve Coefficients

Intercept:	0
Slope:	0.3143

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.210401	50.0	591013.0	0.420803	N
3	STD1 460-973787/5	1.0	0.322049	50.0	633909.0	0.322049	Y
4	STD5 460-973787/6	5.0	1.571152	50.0	623014.0	0.31423	Y
5	STD20 460-973787/7	20.0	6.661224	50.0	592819.0	0.333061	Y
6	STD50 460-973787/8	50.0	16.675625	50.0	595372.0	0.333512	Y
7	STD200 460-973787/9	200.0	57.183453	50.0	616347.0	0.285917	Y
8	STD500 460-973787/10	500.0	148.440564	50.0	627278.0	0.296881	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

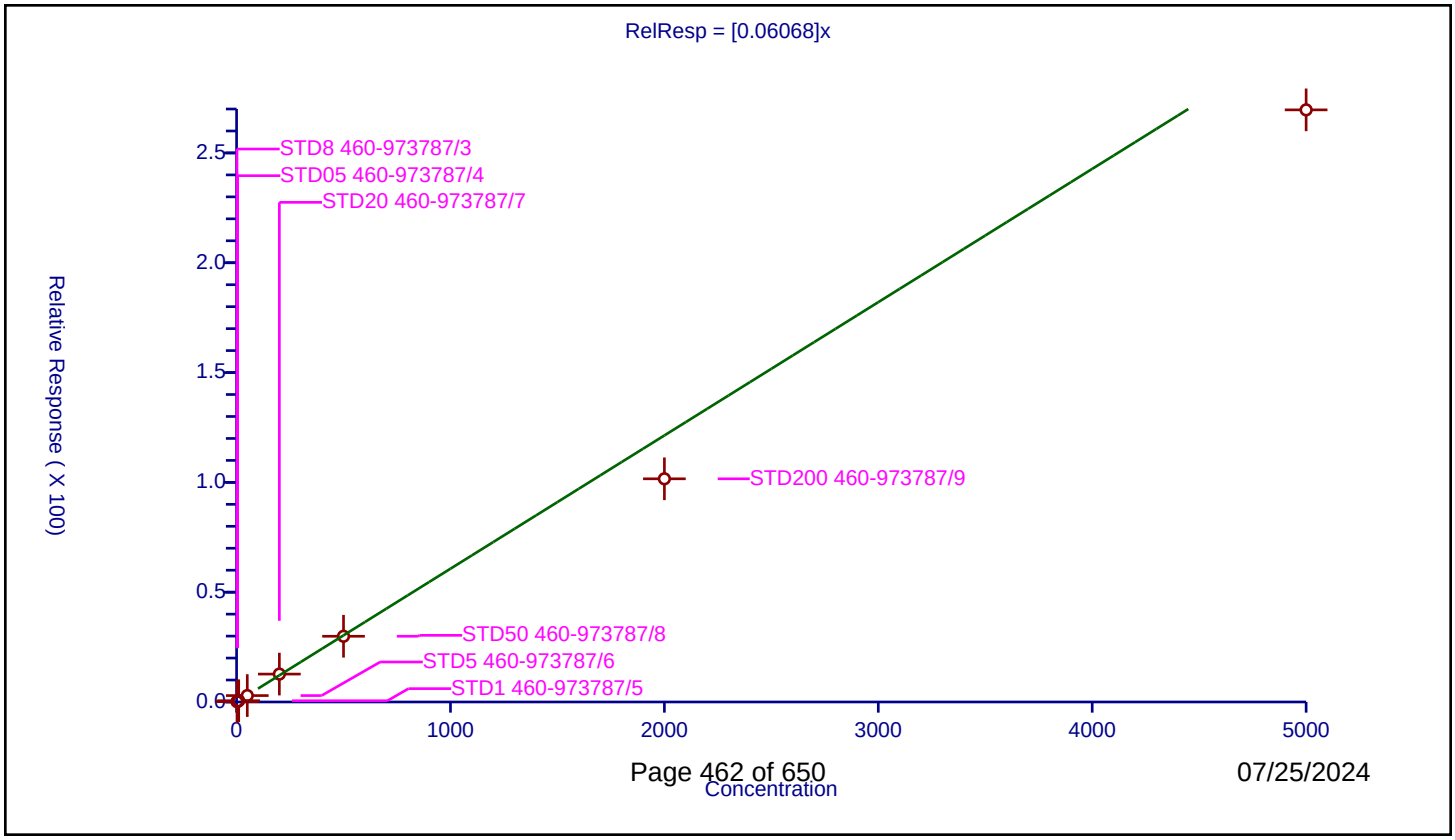
Curve Coefficients

Intercept:	0
Slope:	0.06068

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	2.0	0.154839	50.0	623873.0	0.07742	Y
2	STD05 460-973787/4	5.0	0.323682	50.0	591013.0	0.064736	Y
3	STD1 460-973787/5	10.0	0.567826	50.0	633909.0	0.056783	Y
4	STD5 460-973787/6	50.0	2.920239	50.0	623014.0	0.058405	Y
5	STD20 460-973787/7	200.0	12.708095	50.0	592819.0	0.06354	Y
6	STD50 460-973787/8	500.0	29.927759	50.0	595372.0	0.059856	Y
7	STD200 460-973787/9	2000.0	101.623112	50.0	616347.0	0.050812	Y
8	STD500 460-973787/10	5000.0	269.612835	50.0	627278.0	0.053923	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

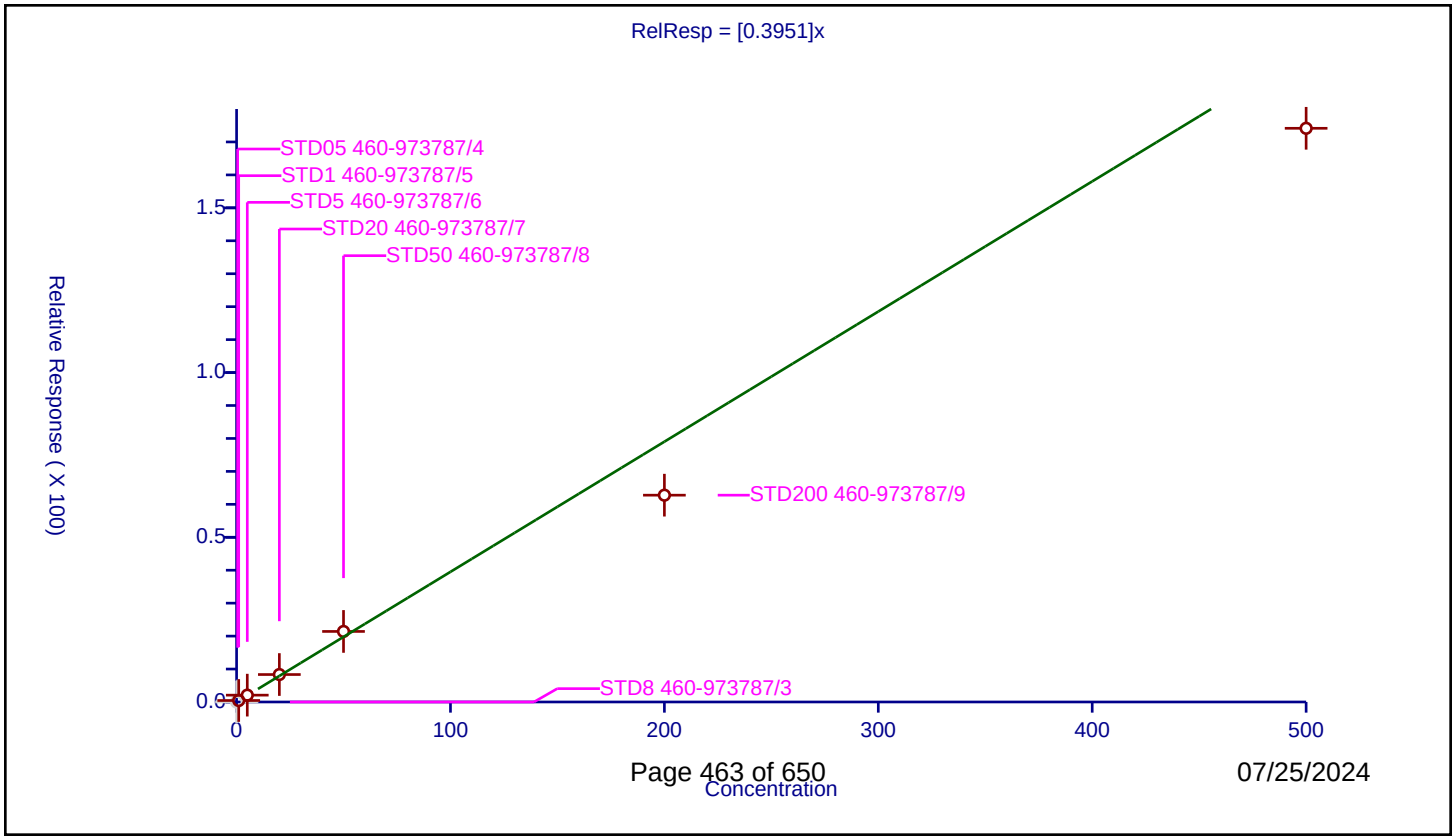
Curve Coefficients

Intercept:	0
Slope:	0.3951

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.293648	50.0	591013.0	0.587297	N
3	STD1 460-973787/5	1.0	0.447619	50.0	633909.0	0.447619	Y
4	STD5 460-973787/6	5.0	2.078123	50.0	623014.0	0.415625	Y
5	STD20 460-973787/7	20.0	8.334247	50.0	592819.0	0.416712	Y
6	STD50 460-973787/8	50.0	21.414847	50.0	595372.0	0.428297	Y
7	STD200 460-973787/9	200.0	62.779084	50.0	616347.0	0.313895	Y
8	STD500 460-973787/10	500.0	174.143522	50.0	627278.0	0.348287	Y



07/25/2024

Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

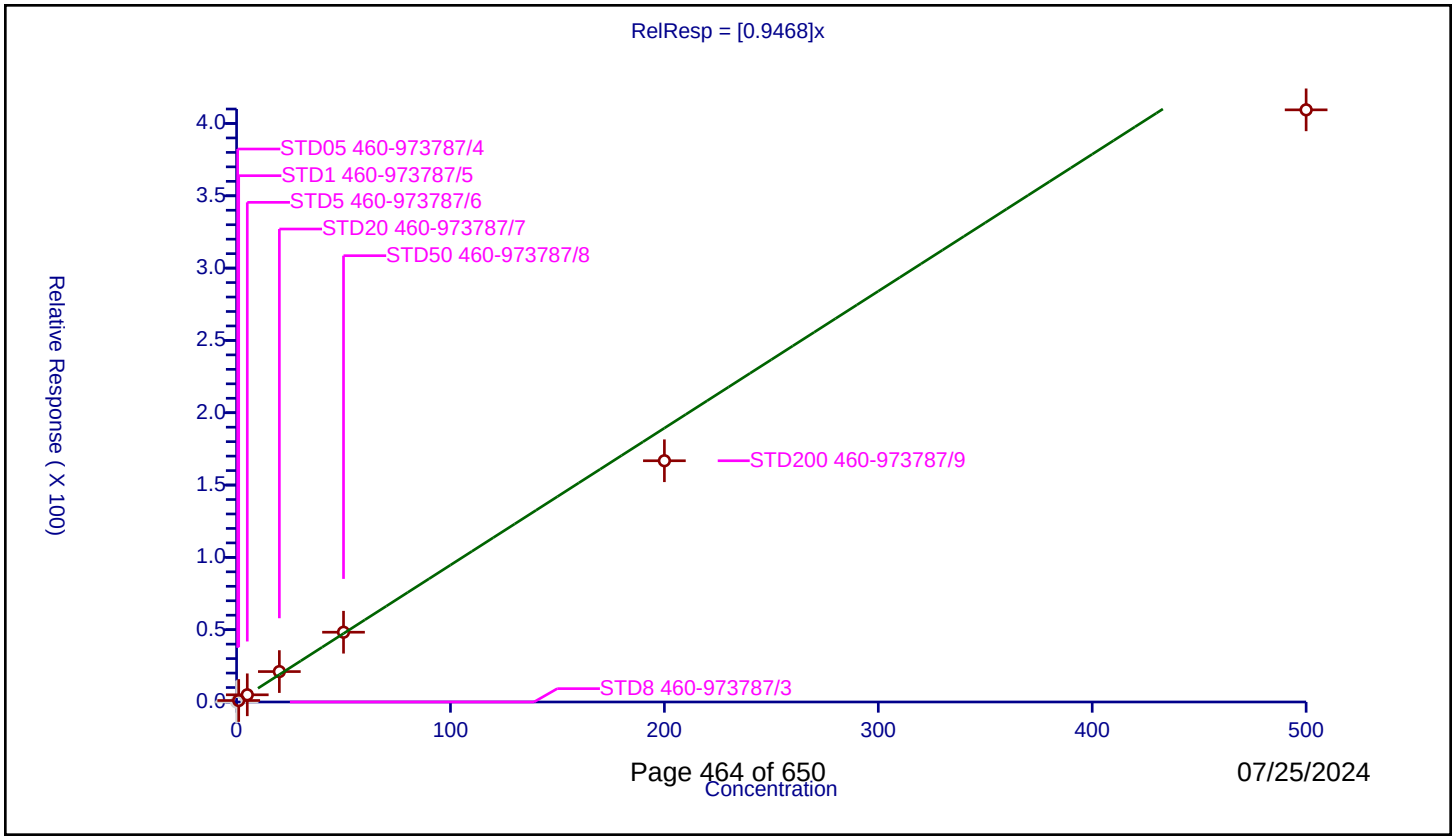
Curve Coefficients

Intercept:	0
Slope:	0.9468

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.600917	50.0	591013.0	1.201835	N
3	STD1 460-973787/5	1.0	1.016076	50.0	633909.0	1.016076	Y
4	STD5 460-973787/6	5.0	4.977978	50.0	623014.0	0.995596	Y
5	STD20 460-973787/7	20.0	21.027919	50.0	592819.0	1.051396	Y
6	STD50 460-973787/8	50.0	48.241772	50.0	595372.0	0.964835	Y
7	STD200 460-973787/9	200.0	166.806442	50.0	616347.0	0.834032	Y
8	STD500 460-973787/10	500.0	409.436406	50.0	627278.0	0.818873	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

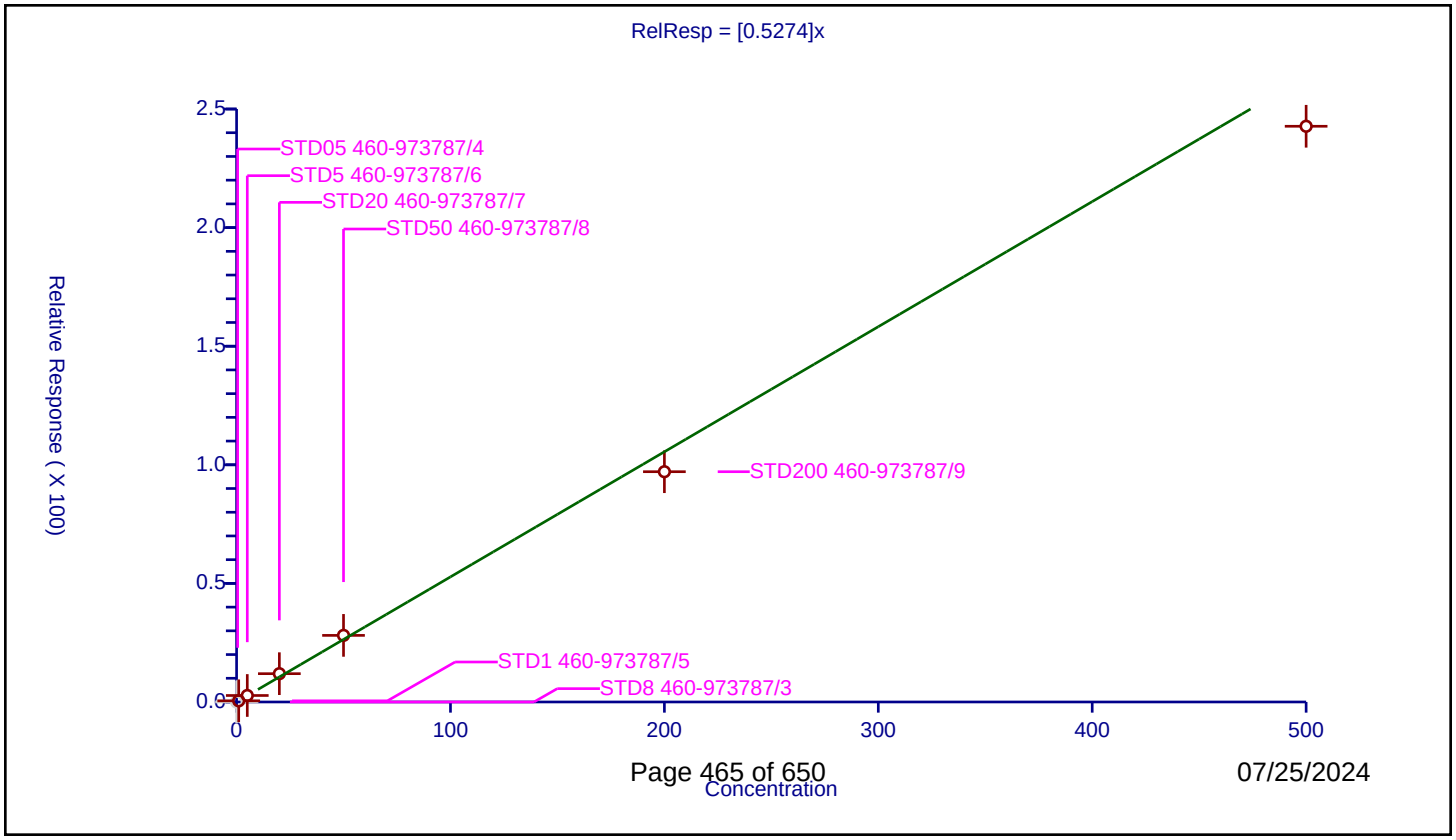
Curve Coefficients

Intercept:	0
Slope:	0.5274

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.374273	50.0	591013.0	0.748545	N
3	STD1 460-973787/5	1.0	0.488319	50.0	633909.0	0.488319	Y
4	STD5 460-973787/6	5.0	2.735813	50.0	623014.0	0.547163	Y
5	STD20 460-973787/7	20.0	11.929105	50.0	592819.0	0.596455	Y
6	STD50 460-973787/8	50.0	28.079671	50.0	595372.0	0.561593	Y
7	STD200 460-973787/9	200.0	97.082001	50.0	616347.0	0.48541	Y
8	STD500 460-973787/10	500.0	242.730416	50.0	627278.0	0.485461	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

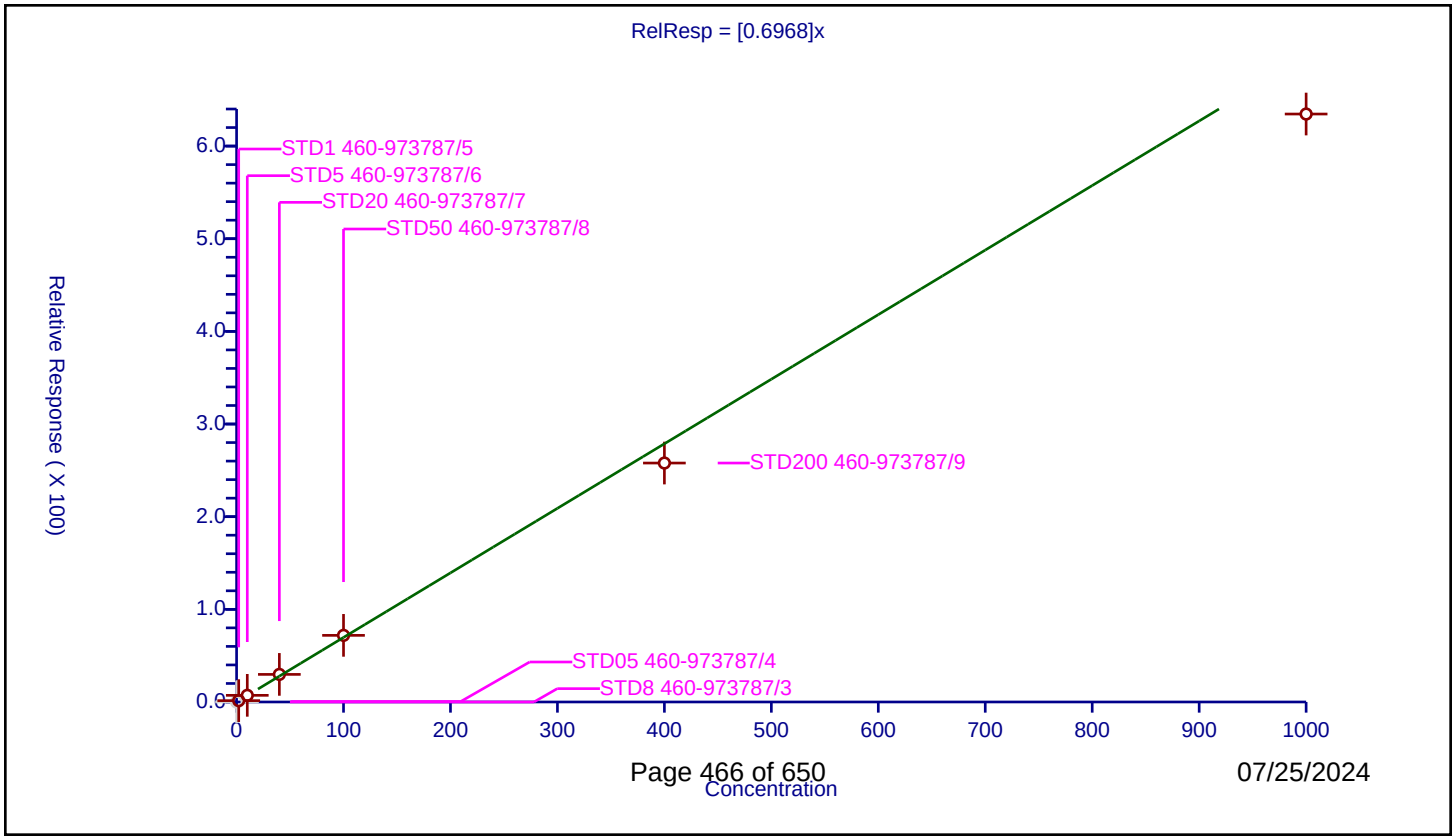
Curve Coefficients

Intercept:	0
Slope:	0.6968

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	1.0	0.496987	250.0	158958.0	0.496987	N
3	STD1 460-973787/5	2.0	1.441837	250.0	177898.0	0.720919	Y
4	STD5 460-973787/6	10.0	7.168479	250.0	181768.0	0.716848	Y
5	STD20 460-973787/7	40.0	29.776647	250.0	180074.0	0.744416	Y
6	STD50 460-973787/8	100.0	71.905593	250.0	170178.0	0.719056	Y
7	STD200 460-973787/9	400.0	257.890859	250.0	168296.0	0.644727	Y
8	STD500 460-973787/10	1000.0	634.602196	250.0	188095.0	0.634602	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

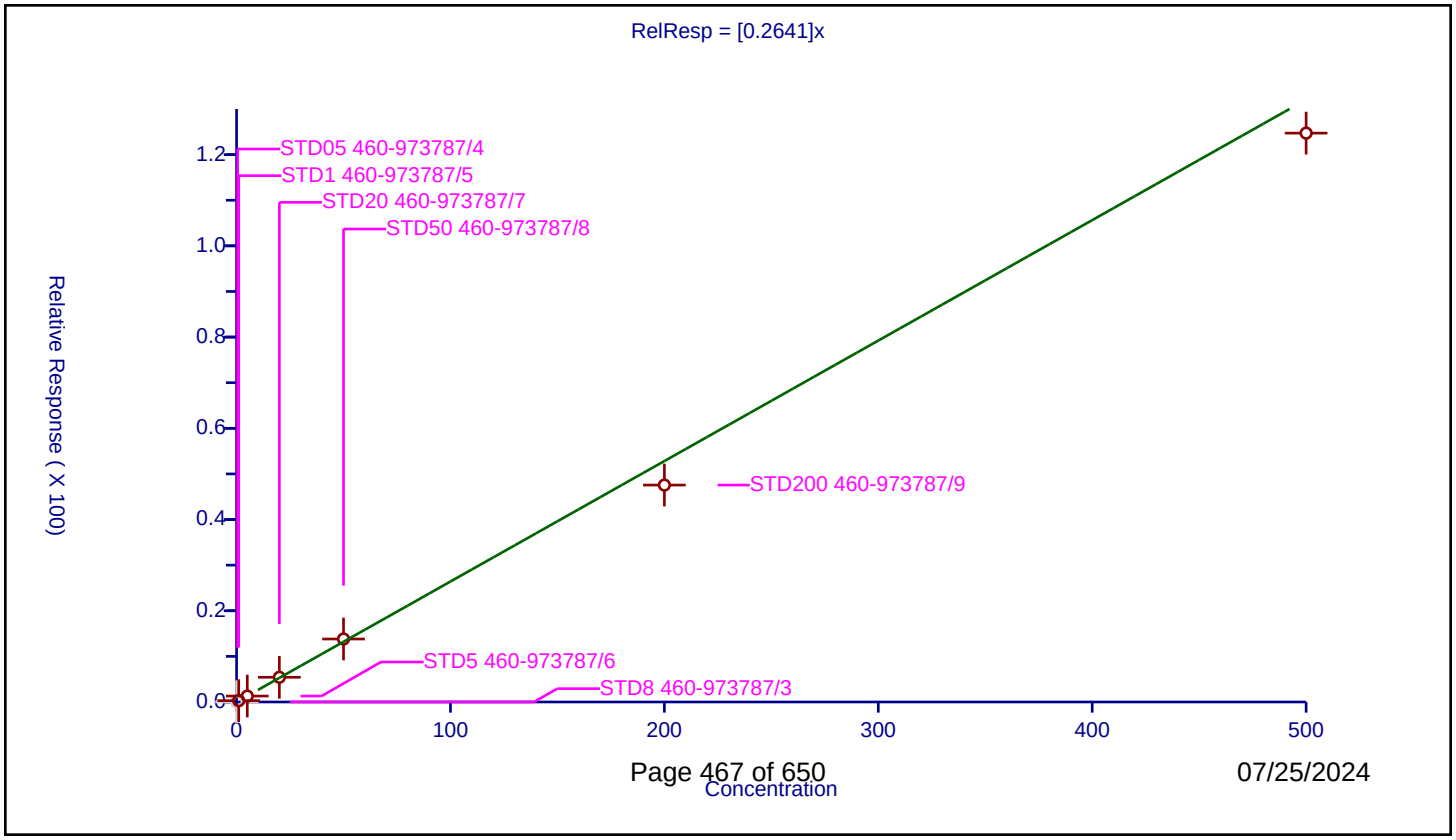
Curve Coefficients

Intercept:	0
Slope:	0.2641

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.14179	50.0	591013.0	0.283581	N
3	STD1 460-973787/5	1.0	0.290184	50.0	633909.0	0.290184	Y
4	STD5 460-973787/6	5.0	1.300854	50.0	623014.0	0.260171	Y
5	STD20 460-973787/7	20.0	5.417252	50.0	592819.0	0.270863	Y
6	STD50 460-973787/8	50.0	13.808594	50.0	595372.0	0.276172	Y
7	STD200 460-973787/9	200.0	47.555679	50.0	616347.0	0.237778	Y
8	STD500 460-973787/10	500.0	124.715517	50.0	627278.0	0.249431	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

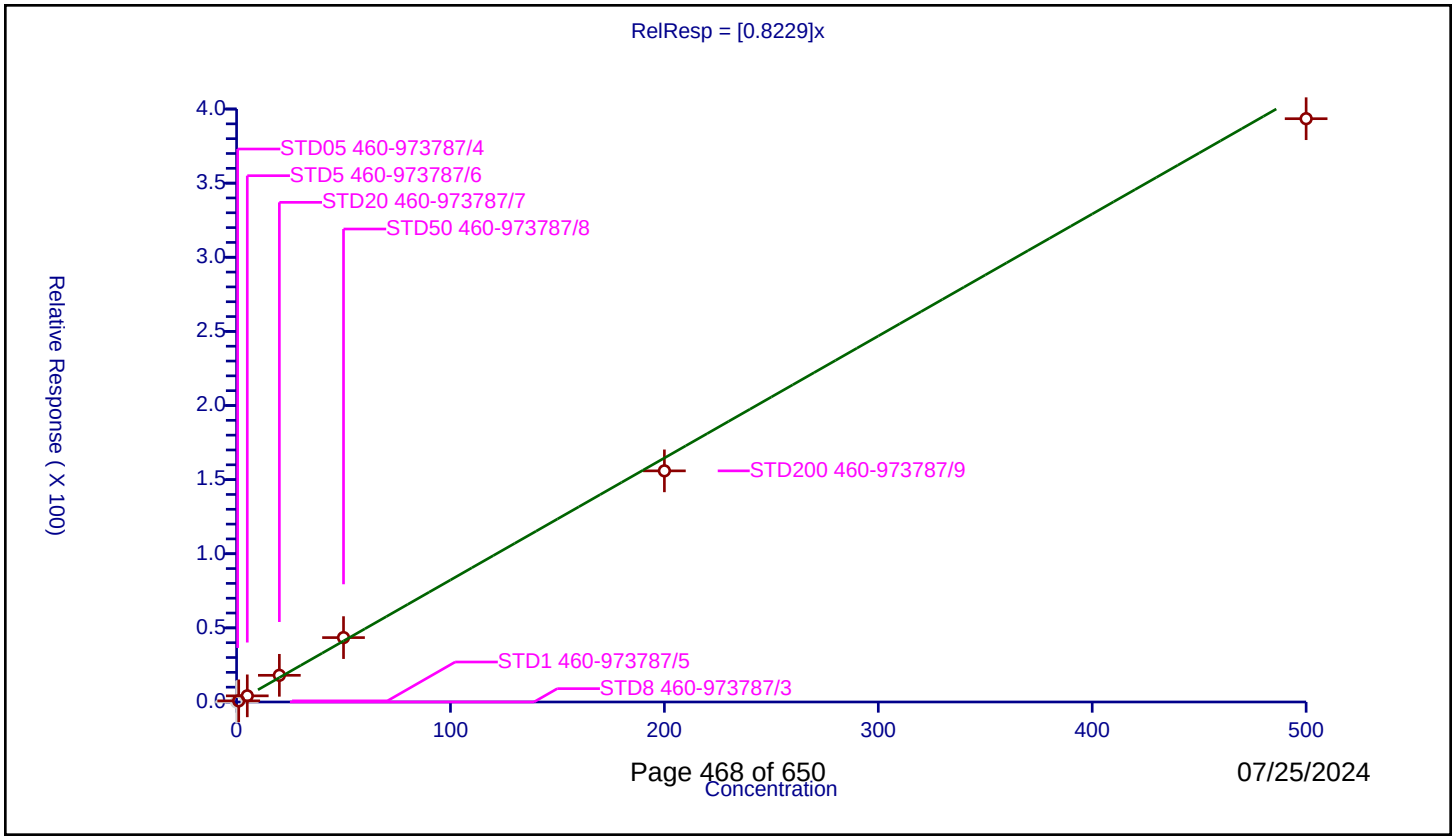
Curve Coefficients

Intercept:	0
Slope:	0.8229

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.476385	50.0	591013.0	0.952771	N
3	STD1 460-973787/5	1.0	0.773139	50.0	633909.0	0.773139	Y
4	STD5 460-973787/6	5.0	4.145172	50.0	623014.0	0.829034	Y
5	STD20 460-973787/7	20.0	18.004568	50.0	592819.0	0.900228	Y
6	STD50 460-973787/8	50.0	43.437044	50.0	595372.0	0.868741	Y
7	STD200 460-973787/9	200.0	155.91988	50.0	616347.0	0.779599	Y
8	STD500 460-973787/10	500.0	393.476337	50.0	627278.0	0.786953	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

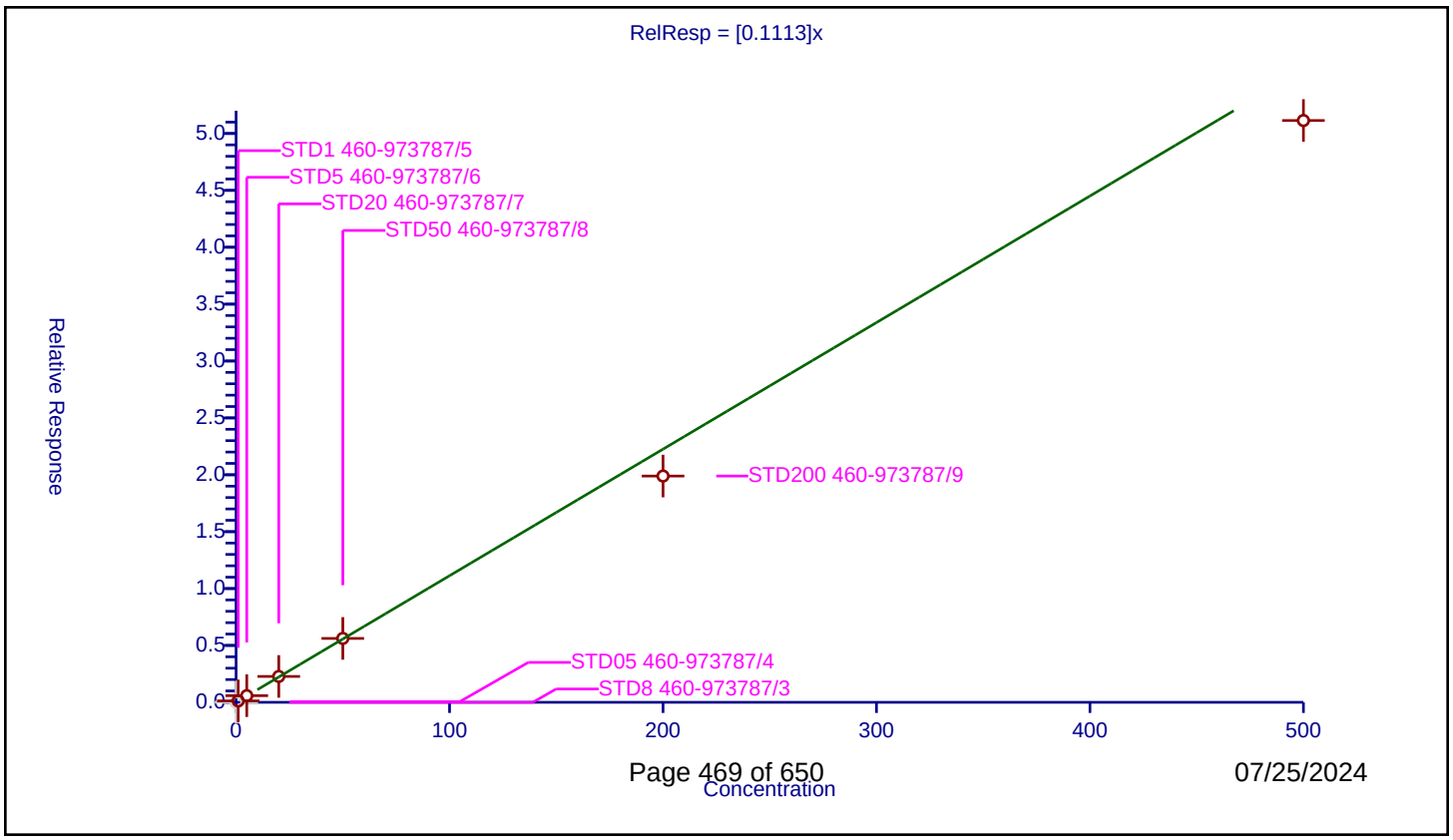
Curve Coefficients

Intercept:	0
Slope:	0.1113

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.054906	50.0	591013.0	0.109811	N
3	STD1 460-973787/5	1.0	0.123125	50.0	633909.0	0.123125	Y
4	STD5 460-973787/6	5.0	0.583454	50.0	623014.0	0.116691	Y
5	STD20 460-973787/7	20.0	2.274978	50.0	592819.0	0.113749	Y
6	STD50 460-973787/8	50.0	5.616153	50.0	595372.0	0.112323	Y
7	STD200 460-973787/9	200.0	19.889689	50.0	616347.0	0.099448	Y
8	STD500 460-973787/10	500.0	51.142715	50.0	627278.0	0.102285	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

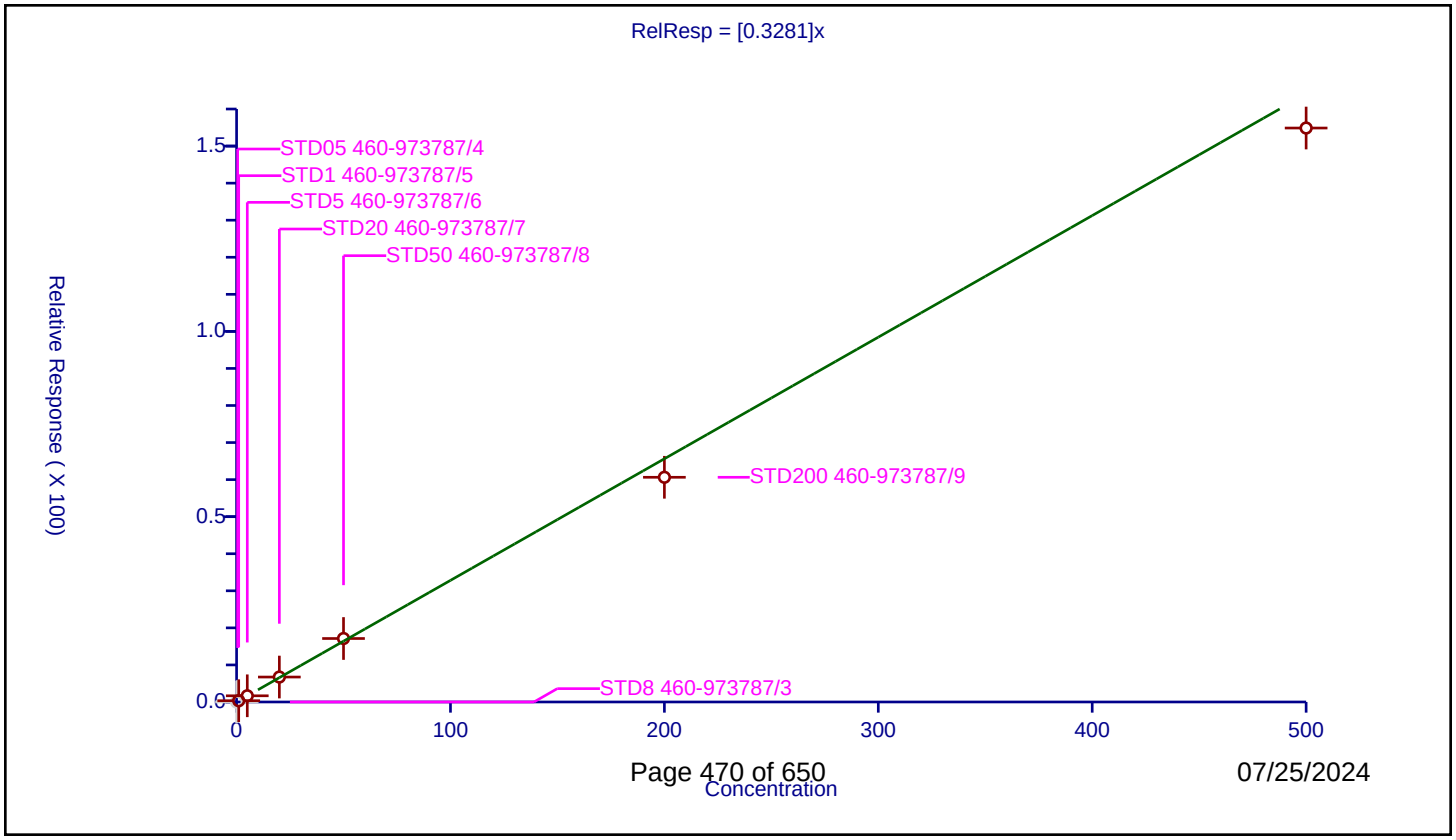
Curve Coefficients

Intercept:	0
Slope:	0.3281

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.19898	50.0	591013.0	0.397961	N
3	STD1 460-973787/5	1.0	0.34232	50.0	633909.0	0.34232	Y
4	STD5 460-973787/6	5.0	1.670909	50.0	623014.0	0.334182	Y
5	STD20 460-973787/7	20.0	6.733674	50.0	592819.0	0.336684	Y
6	STD50 460-973787/8	50.0	17.129375	50.0	595372.0	0.342587	Y
7	STD200 460-973787/9	200.0	60.631755	50.0	616347.0	0.303159	Y
8	STD500 460-973787/10	500.0	154.870169	50.0	627278.0	0.30974	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

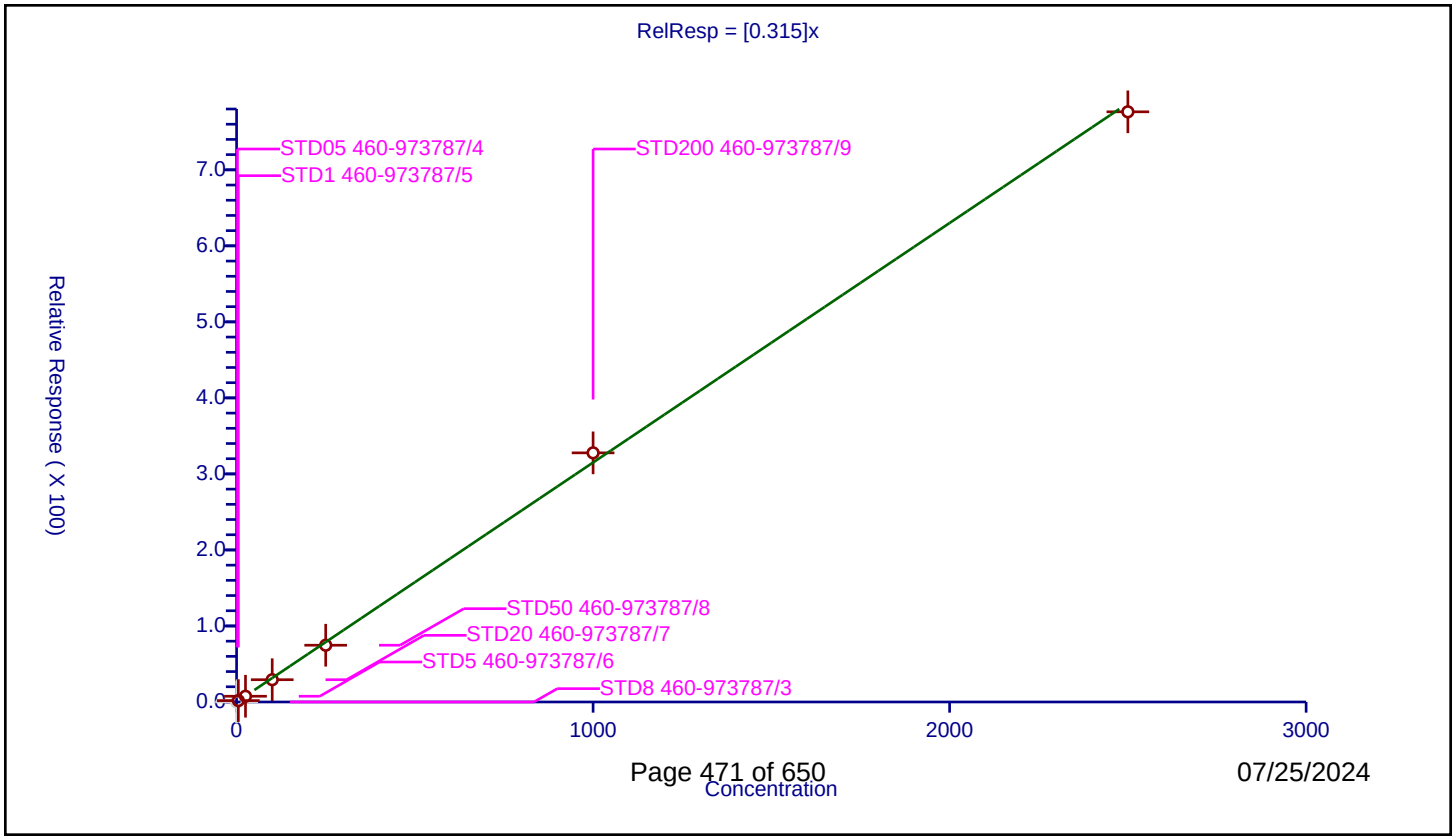
Curve Coefficients

Intercept:	0
Slope:	0.315

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	2.5	1.667107	250.0	158958.0	0.666843	N
3	STD1 460-973787/5	5.0	1.790352	250.0	177898.0	0.35807	Y
4	STD5 460-973787/6	25.0	7.556336	250.0	181768.0	0.302253	Y
5	STD20 460-973787/7	100.0	29.296289	250.0	180074.0	0.292963	Y
6	STD50 460-973787/8	250.0	74.651248	250.0	170178.0	0.298605	Y
7	STD200 460-973787/9	1000.0	327.711294	250.0	168296.0	0.327711	Y
8	STD500 460-973787/10	2500.0	776.323135	250.0	188095.0	0.310529	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

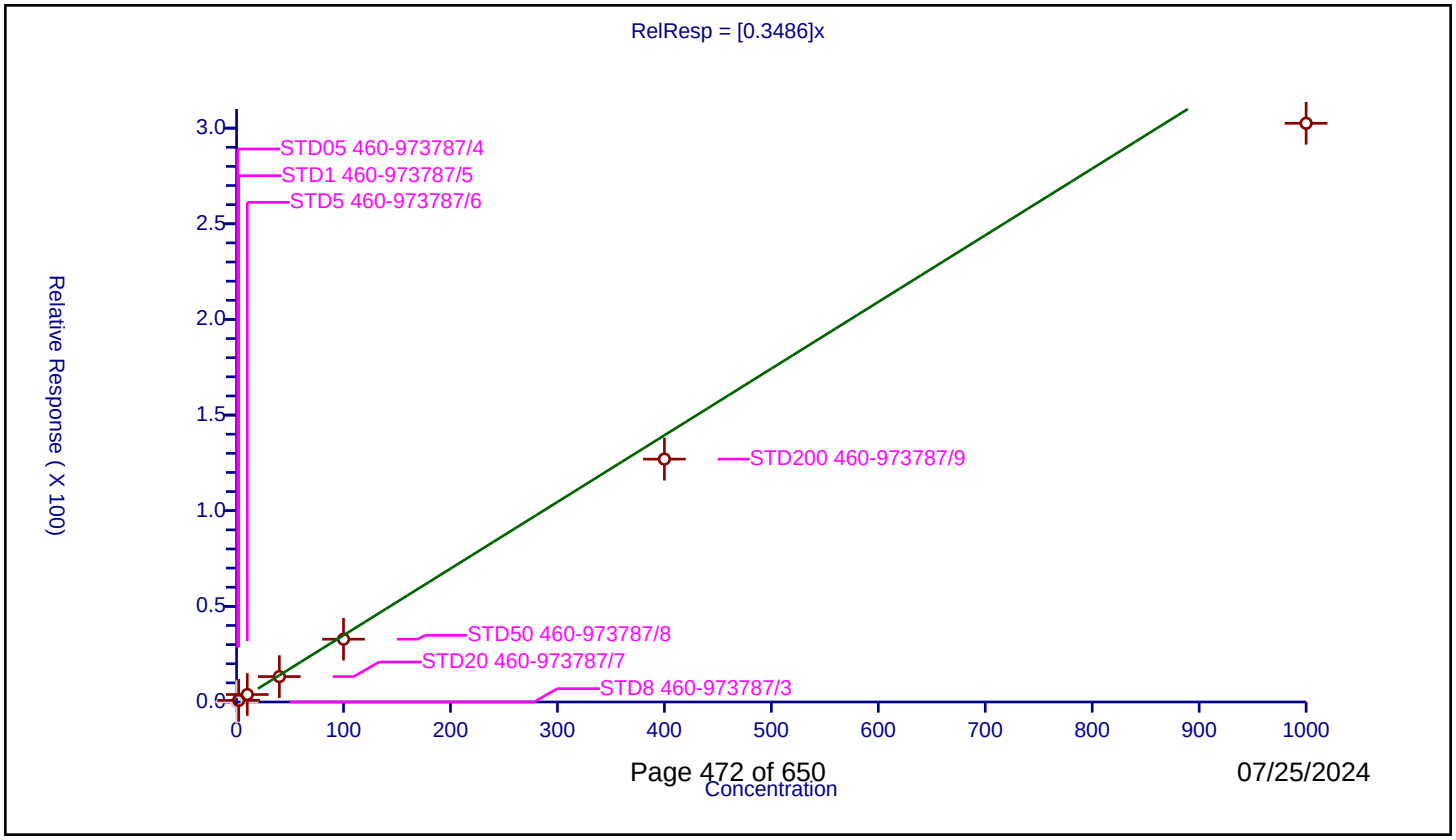
Curve Coefficients

Intercept:	0
Slope:	0.3486

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	1.0	0.479686	250.0	158958.0	0.479686	N
3	STD1 460-973787/5	2.0	0.840369	250.0	177898.0	0.420185	Y
4	STD5 460-973787/6	10.0	3.910204	250.0	181768.0	0.39102	Y
5	STD20 460-973787/7	40.0	13.279263	250.0	180074.0	0.331982	Y
6	STD50 460-973787/8	100.0	32.818578	250.0	170178.0	0.328186	Y
7	STD200 460-973787/9	400.0	126.963802	250.0	168296.0	0.31741	Y
8	STD500 460-973787/10	1000.0	302.547915	250.0	188095.0	0.302548	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

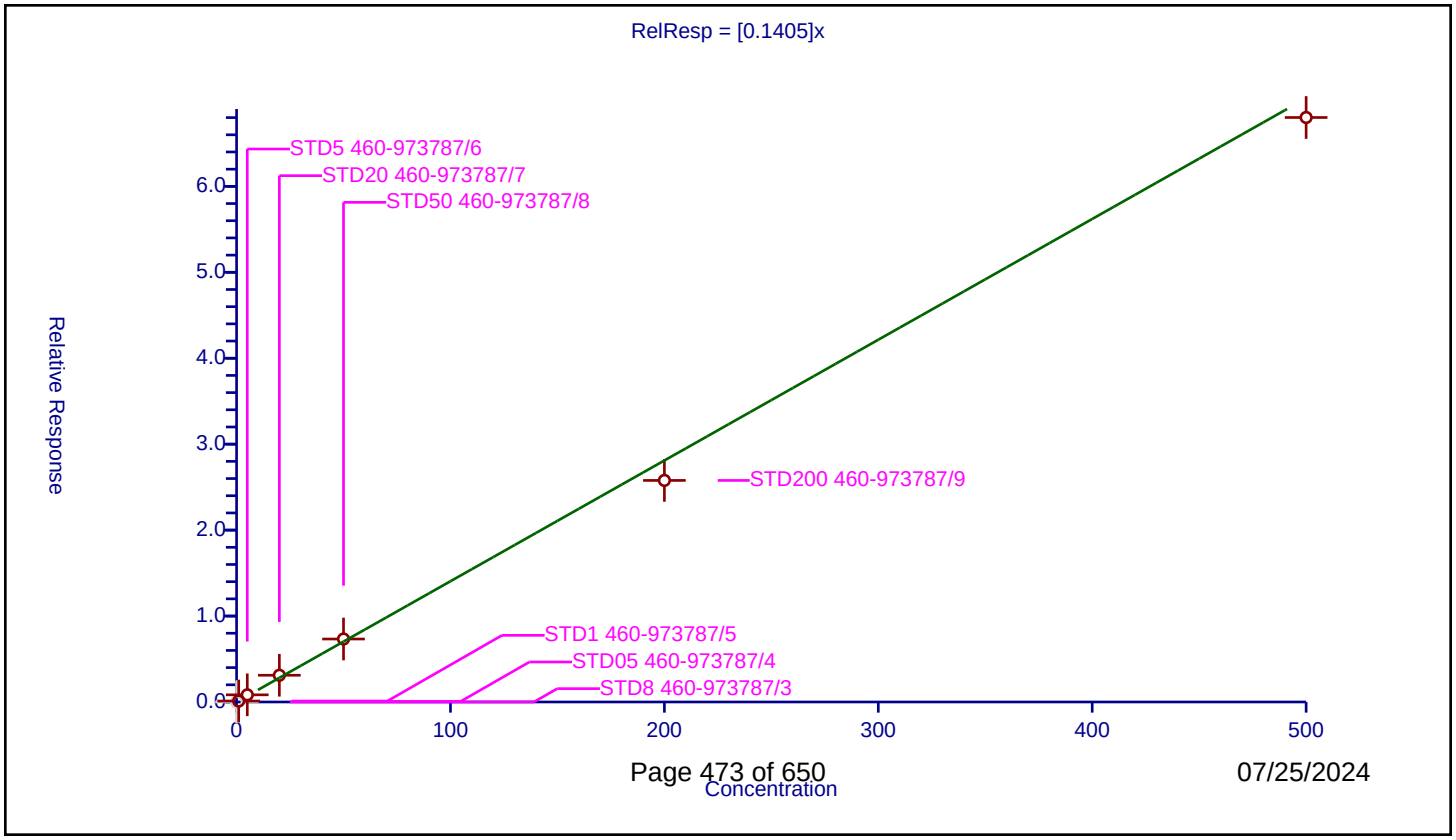
Curve Coefficients

Intercept:	0
Slope:	0.1405

Error Coefficients

Relative Standard Deviation:	14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.069795	50.0	591013.0	0.139591	N
3	STD1 460-973787/5	1.0	0.109558	50.0	633909.0	0.109558	Y
4	STD5 460-973787/6	5.0	0.832164	50.0	623014.0	0.166433	Y
5	STD20 460-973787/7	20.0	3.110983	50.0	592819.0	0.155549	Y
6	STD50 460-973787/8	50.0	7.328191	50.0	595372.0	0.146564	Y
7	STD200 460-973787/9	200.0	25.781743	50.0	616347.0	0.128909	Y
8	STD500 460-973787/10	500.0	68.013544	50.0	627278.0	0.136027	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

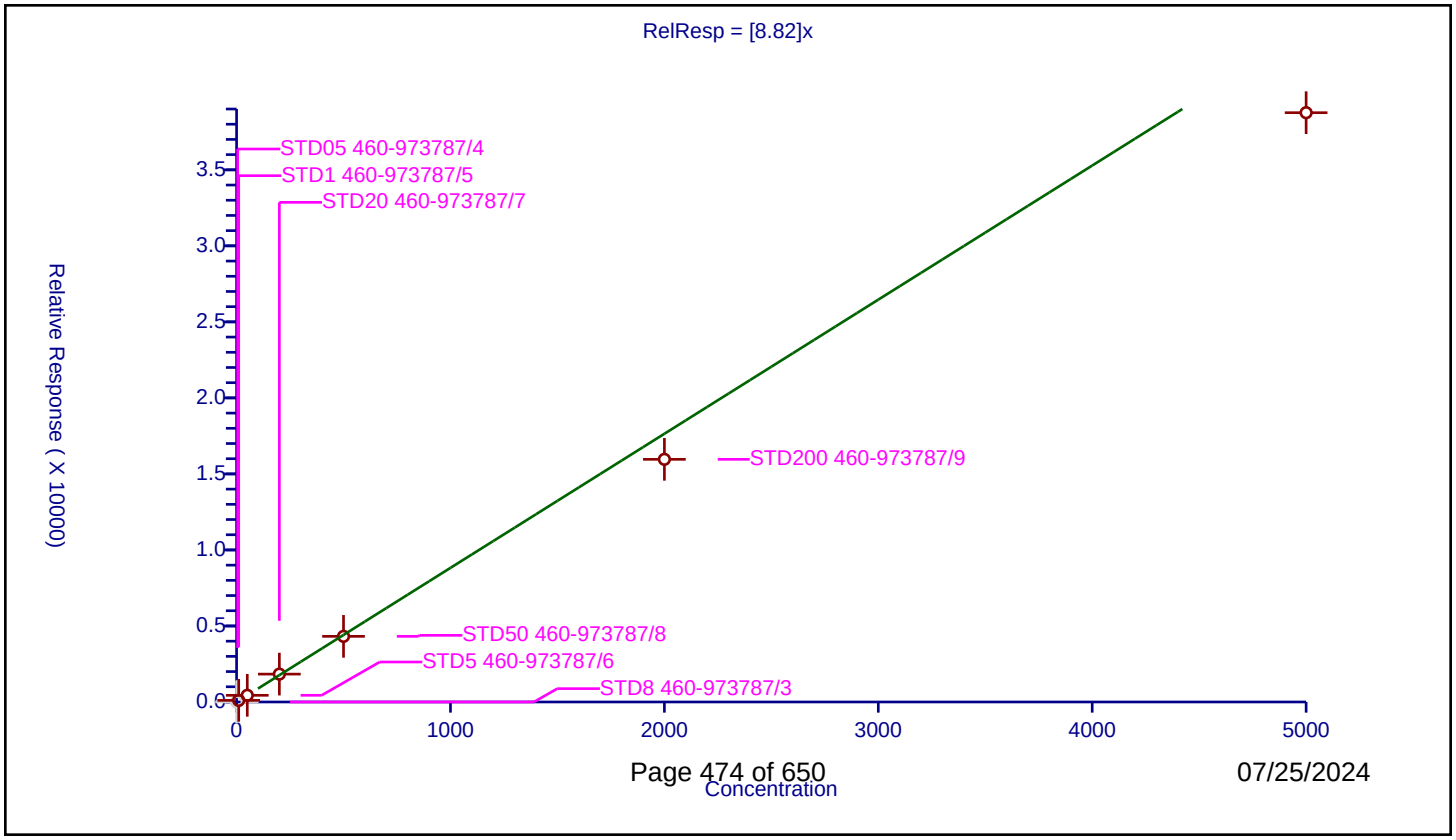
Curve Coefficients

Intercept:	0
Slope:	8.82

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	1000.0	30903.0	NaN	N
2	STD05 460-973787/4	5.0	47.222222	1000.0	26640.0	9.444444	N
3	STD1 460-973787/5	10.0	106.108178	1000.0	28028.0	10.610818	Y
4	STD5 460-973787/6	50.0	438.78511	1000.0	29764.0	8.775702	Y
5	STD20 460-973787/7	200.0	1834.448101	1000.0	28257.0	9.172241	Y
6	STD50 460-973787/8	500.0	4316.277461	1000.0	28905.0	8.632555	Y
7	STD200 460-973787/9	2000.0	15959.220807	1000.0	28029.0	7.97961	Y
8	STD500 460-973787/10	5000.0	38758.130805	1000.0	30901.0	7.751626	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

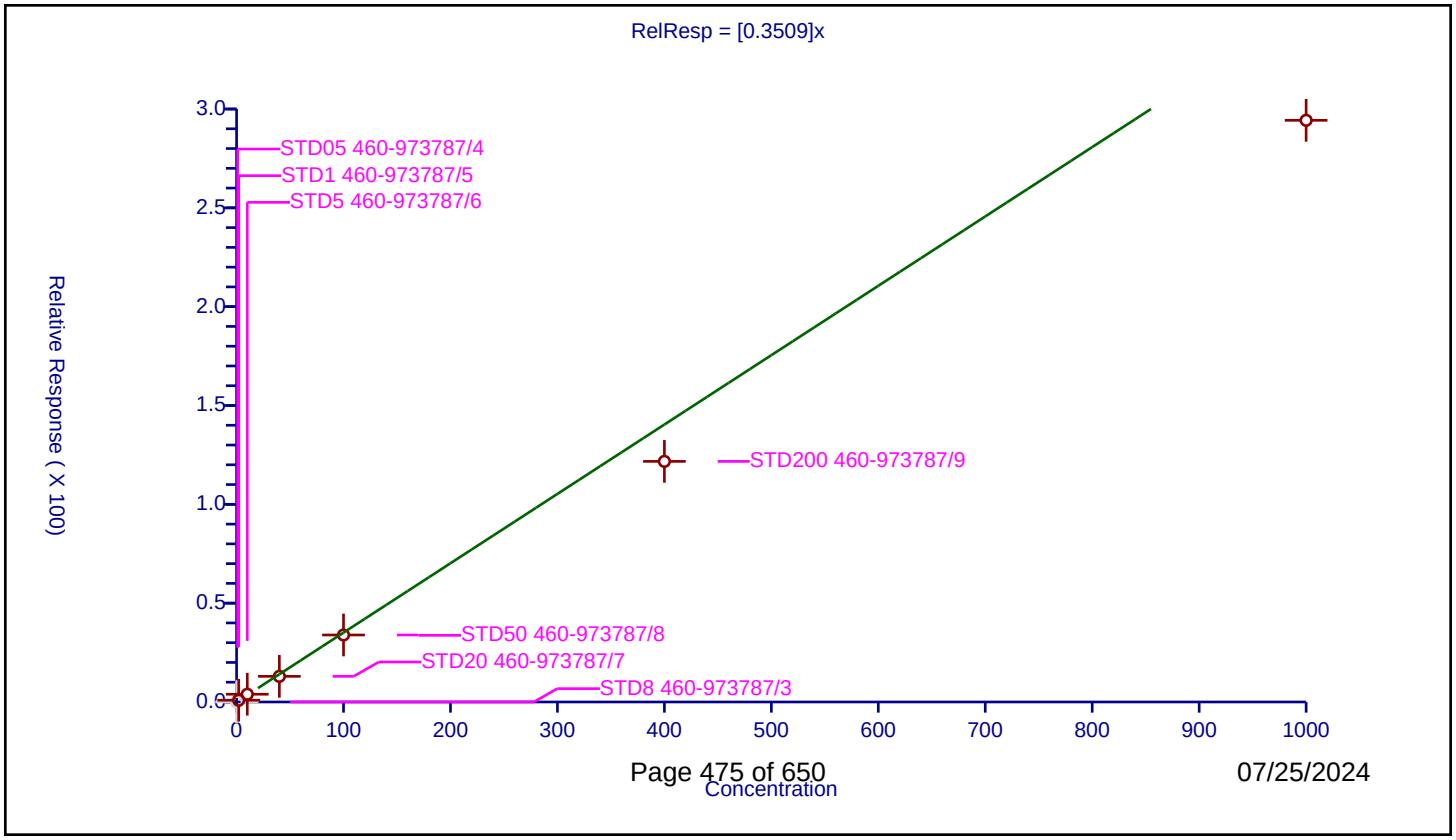
Curve Coefficients

Intercept:	0
Slope:	0.3509

Error Coefficients

Relative Standard Deviation:	17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	1.0	0.441941	250.0	158958.0	0.441941	N
3	STD1 460-973787/5	2.0	0.903608	250.0	177898.0	0.451804	Y
4	STD5 460-973787/6	10.0	3.918456	250.0	181768.0	0.391846	Y
5	STD20 460-973787/7	40.0	12.971056	250.0	180074.0	0.324276	Y
6	STD50 460-973787/8	100.0	33.895392	250.0	170178.0	0.338954	Y
7	STD200 460-973787/9	400.0	121.724521	250.0	168296.0	0.304311	Y
8	STD500 460-973787/10	1000.0	294.284803	250.0	188095.0	0.294285	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

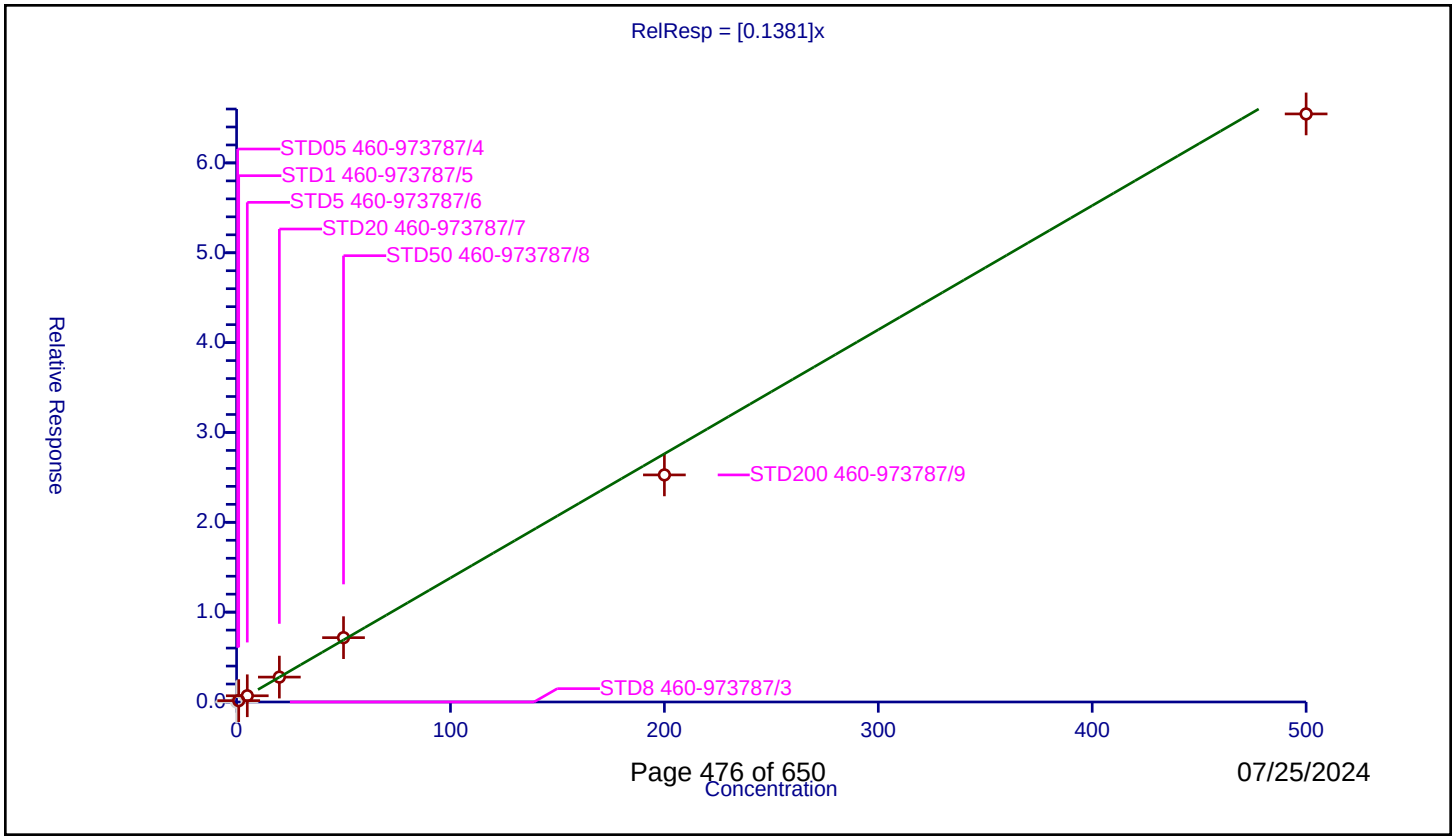
Curve Coefficients

Intercept:	0
Slope:	0.1381

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.101267	50.0	591013.0	0.202534	N
3	STD1 460-973787/5	1.0	0.151284	50.0	633909.0	0.151284	Y
4	STD5 460-973787/6	5.0	0.691718	50.0	623014.0	0.138344	Y
5	STD20 460-973787/7	20.0	2.771925	50.0	592819.0	0.138596	Y
6	STD50 460-973787/8	50.0	7.161489	50.0	595372.0	0.14323	Y
7	STD200 460-973787/9	200.0	25.275454	50.0	616347.0	0.126377	Y
8	STD500 460-973787/10	500.0	65.45495	50.0	627278.0	0.13091	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

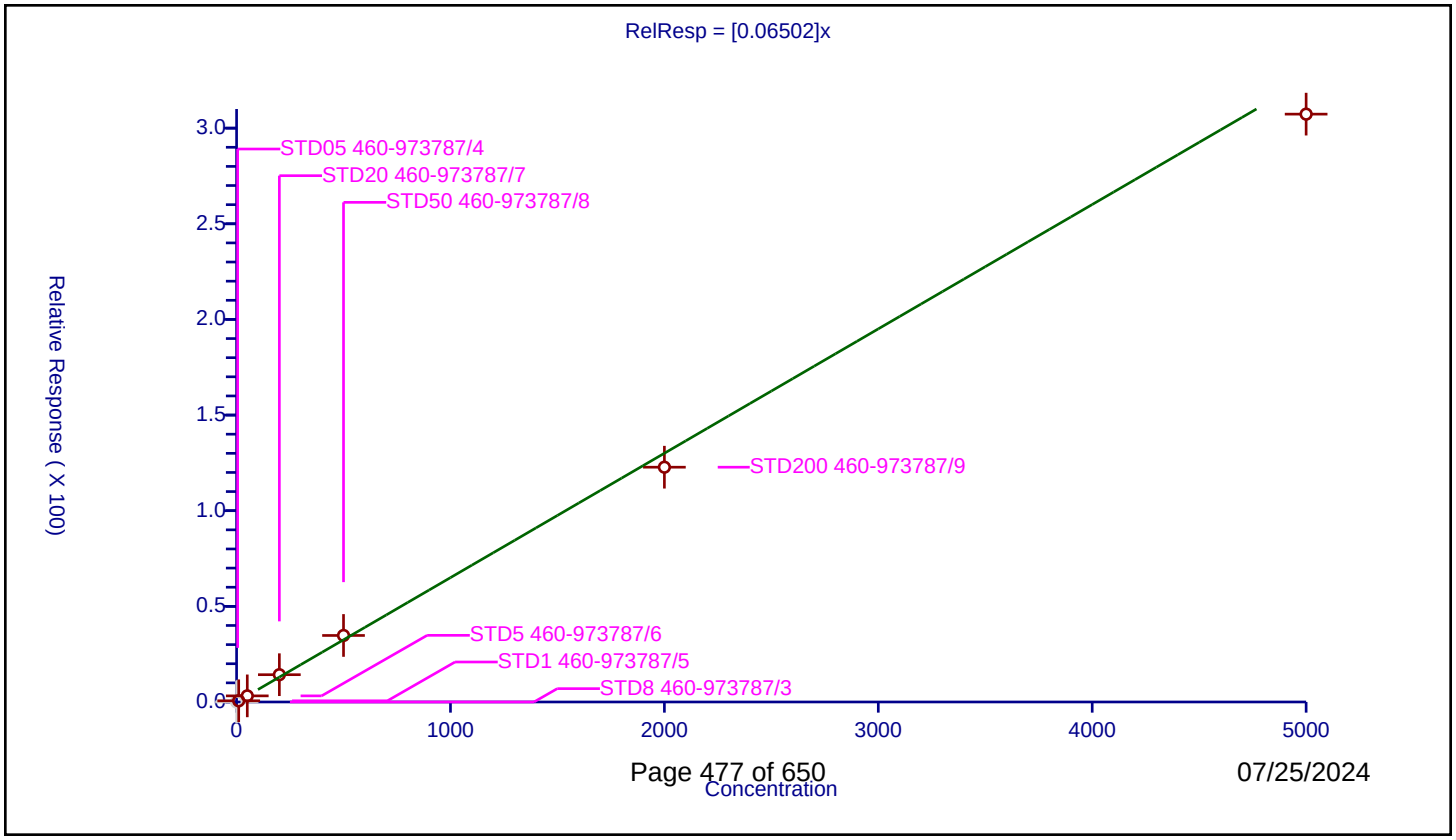
Curve Coefficients

Intercept:	0
Slope:	0.06502

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	5.0	0.421987	50.0	591013.0	0.084397	N
3	STD1 460-973787/5	10.0	0.623354	50.0	633909.0	0.062335	Y
4	STD5 460-973787/6	50.0	3.202095	50.0	623014.0	0.064042	Y
5	STD20 460-973787/7	200.0	14.269701	50.0	592819.0	0.071349	Y
6	STD50 460-973787/8	500.0	34.773637	50.0	595372.0	0.069547	Y
7	STD200 460-973787/9	2000.0	122.738571	50.0	616347.0	0.061369	Y
8	STD500 460-973787/10	5000.0	307.329605	50.0	627278.0	0.061466	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

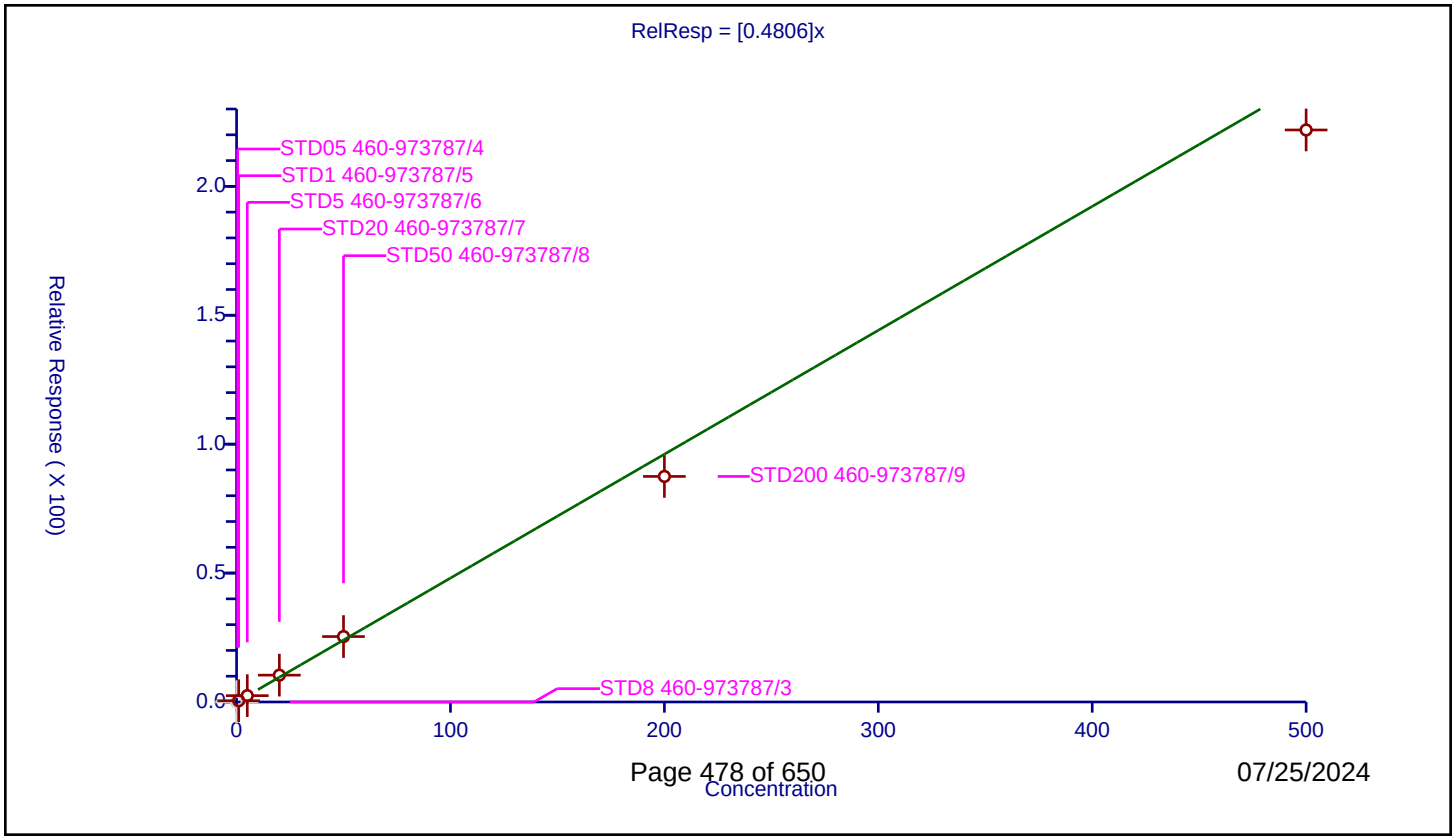
Curve Coefficients

Intercept:	0
Slope:	0.4806

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.290518	50.0	591013.0	0.581036	N
3	STD1 460-973787/5	1.0	0.483666	50.0	633909.0	0.483666	Y
4	STD5 460-973787/6	5.0	2.452513	50.0	623014.0	0.490503	Y
5	STD20 460-973787/7	20.0	10.407477	50.0	592819.0	0.520374	Y
6	STD50 460-973787/8	50.0	25.379091	50.0	595372.0	0.507582	Y
7	STD200 460-973787/9	200.0	87.489028	50.0	616347.0	0.437445	Y
8	STD500 460-973787/10	500.0	221.870765	50.0	627278.0	0.443742	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

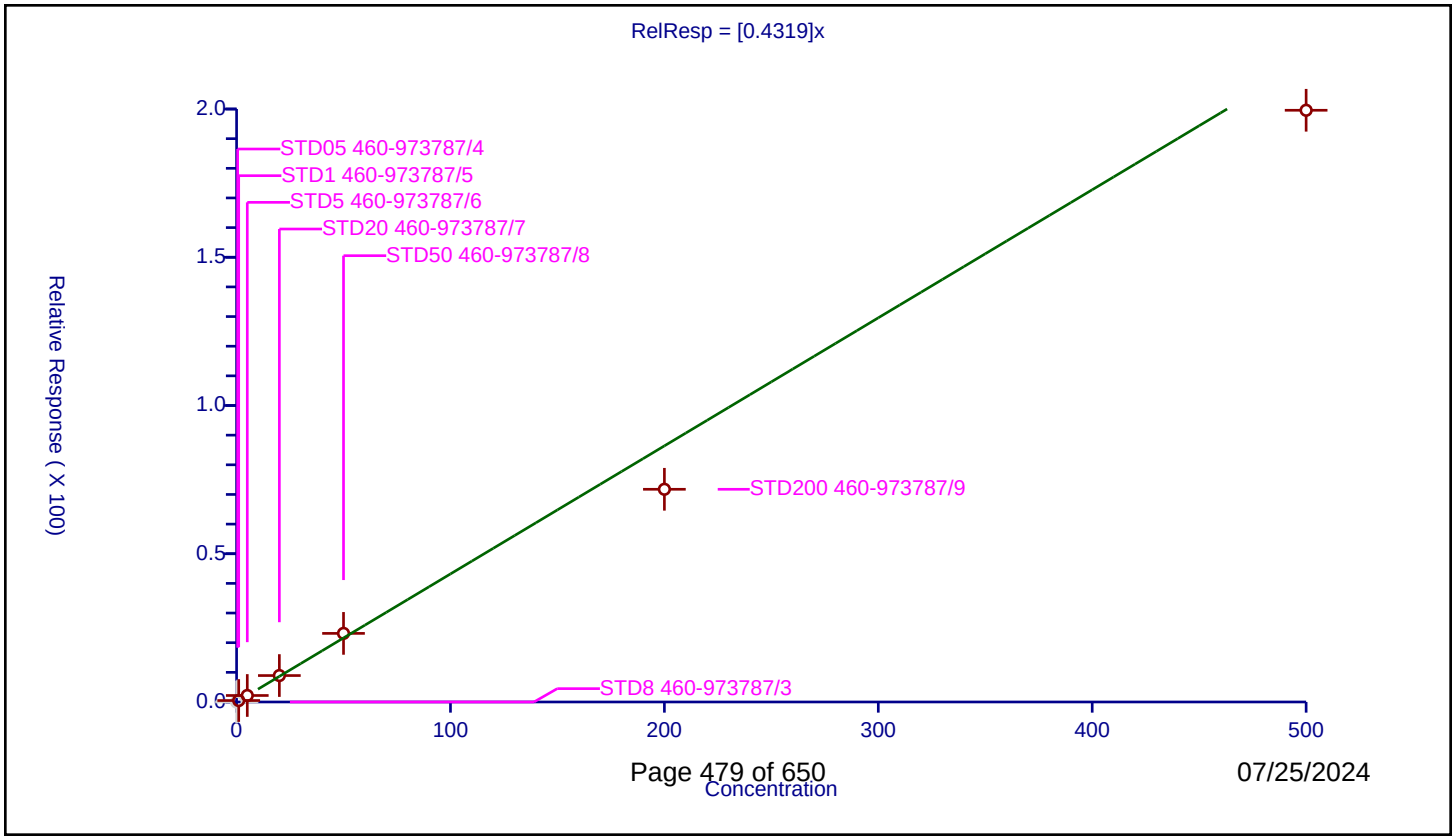
Curve Coefficients

Intercept:	0
Slope:	0.4319

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.318859	50.0	591013.0	0.637719	N
3	STD1 460-973787/5	1.0	0.48619	50.0	633909.0	0.48619	Y
4	STD5 460-973787/6	5.0	2.193209	50.0	623014.0	0.438642	Y
5	STD20 460-973787/7	20.0	8.920261	50.0	592819.0	0.446013	Y
6	STD50 460-973787/8	50.0	23.136291	50.0	595372.0	0.462726	Y
7	STD200 460-973787/9	200.0	71.741649	50.0	616347.0	0.358708	Y
8	STD500 460-973787/10	500.0	199.575786	50.0	627278.0	0.399152	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

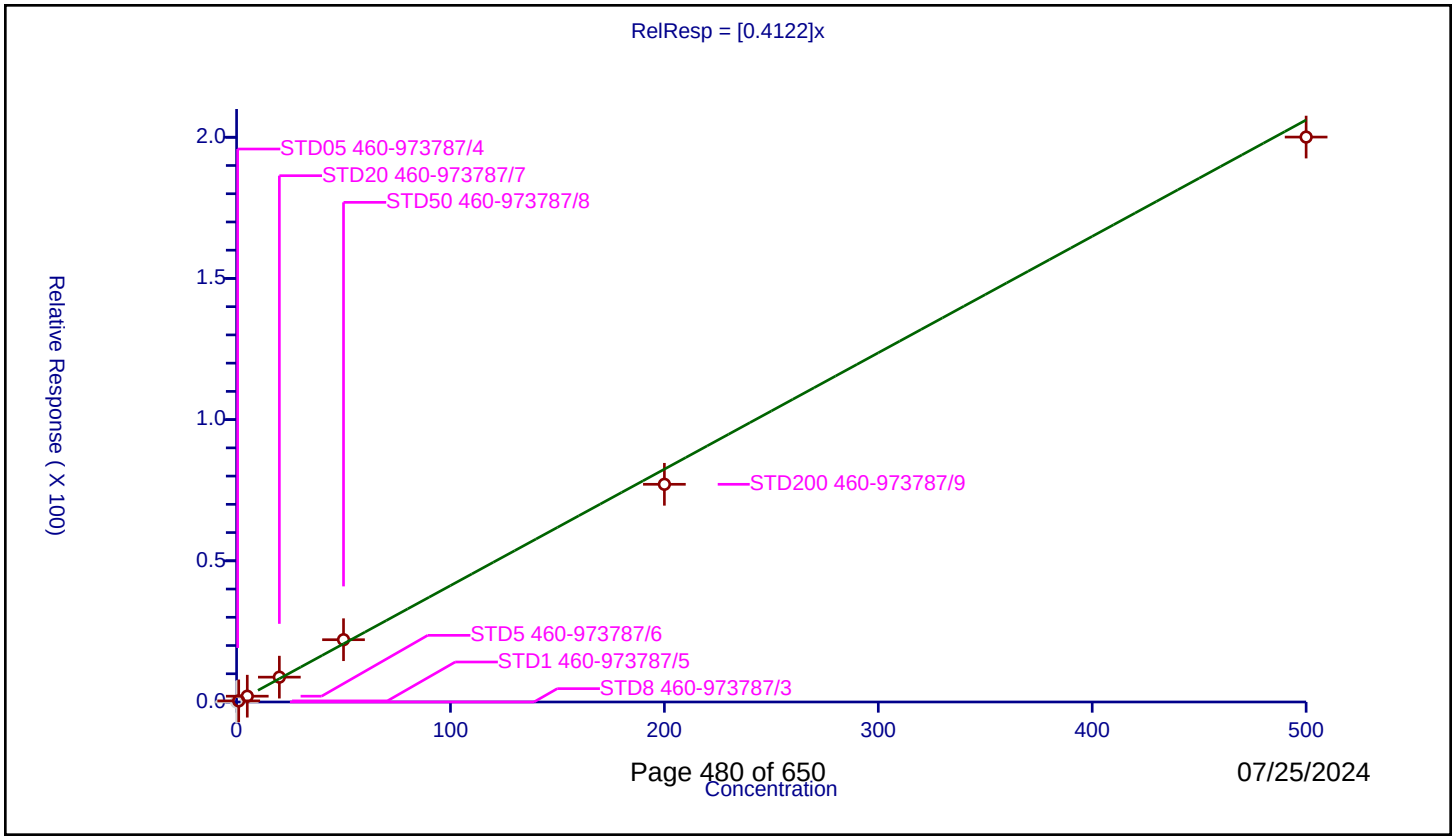
Curve Coefficients

Intercept:	0
Slope:	0.4122

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.248472	50.0	591013.0	0.496943	N
3	STD1 460-973787/5	1.0	0.395562	50.0	633909.0	0.395562	Y
4	STD5 460-973787/6	5.0	2.055572	50.0	623014.0	0.411114	Y
5	STD20 460-973787/7	20.0	8.799144	50.0	592819.0	0.439957	Y
6	STD50 460-973787/8	50.0	22.057554	50.0	595372.0	0.441151	Y
7	STD200 460-973787/9	200.0	77.091395	50.0	616347.0	0.385457	Y
8	STD500 460-973787/10	500.0	200.067753	50.0	627278.0	0.400136	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

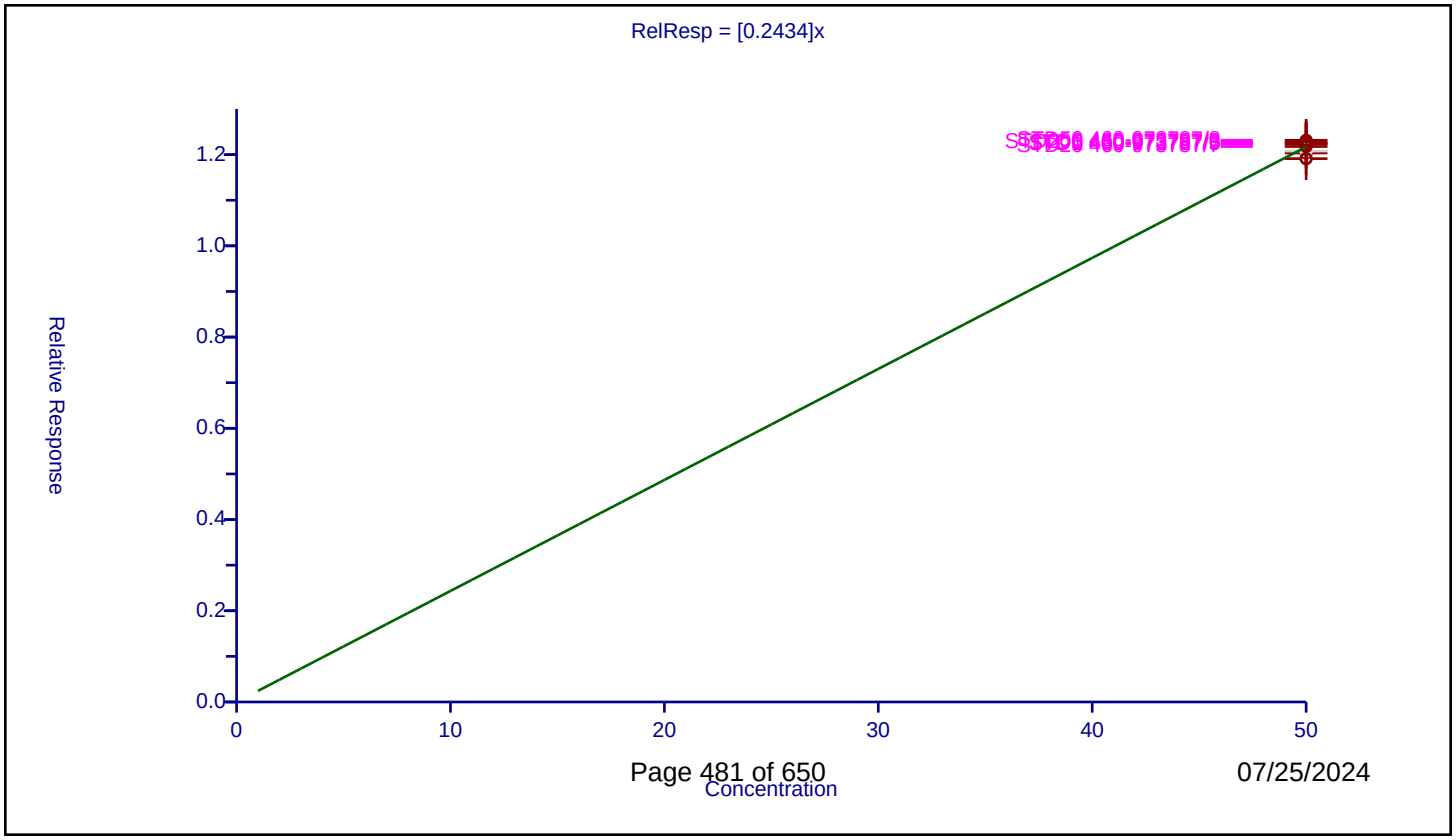
Curve Coefficients

Intercept:	0
Slope:	0.2434

Error Coefficients

Relative Standard Deviation:	1.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	50.0	12.036264	50.0	623873.0	0.240725	Y
2	STD05 460-973787/4	50.0	12.077822	50.0	591013.0	0.241556	N
3	STD1 460-973787/5	50.0	12.229831	50.0	633909.0	0.244597	Y
4	STD5 460-973787/6	50.0	12.24202	50.0	623014.0	0.24484	Y
5	STD20 460-973787/7	50.0	12.177663	50.0	592819.0	0.243553	Y
6	STD50 460-973787/8	50.0	12.314402	50.0	595372.0	0.246288	Y
7	STD200 460-973787/9	50.0	12.273687	50.0	616347.0	0.245474	Y
8	STD500 460-973787/10	50.0	11.912023	50.0	627278.0	0.23824	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

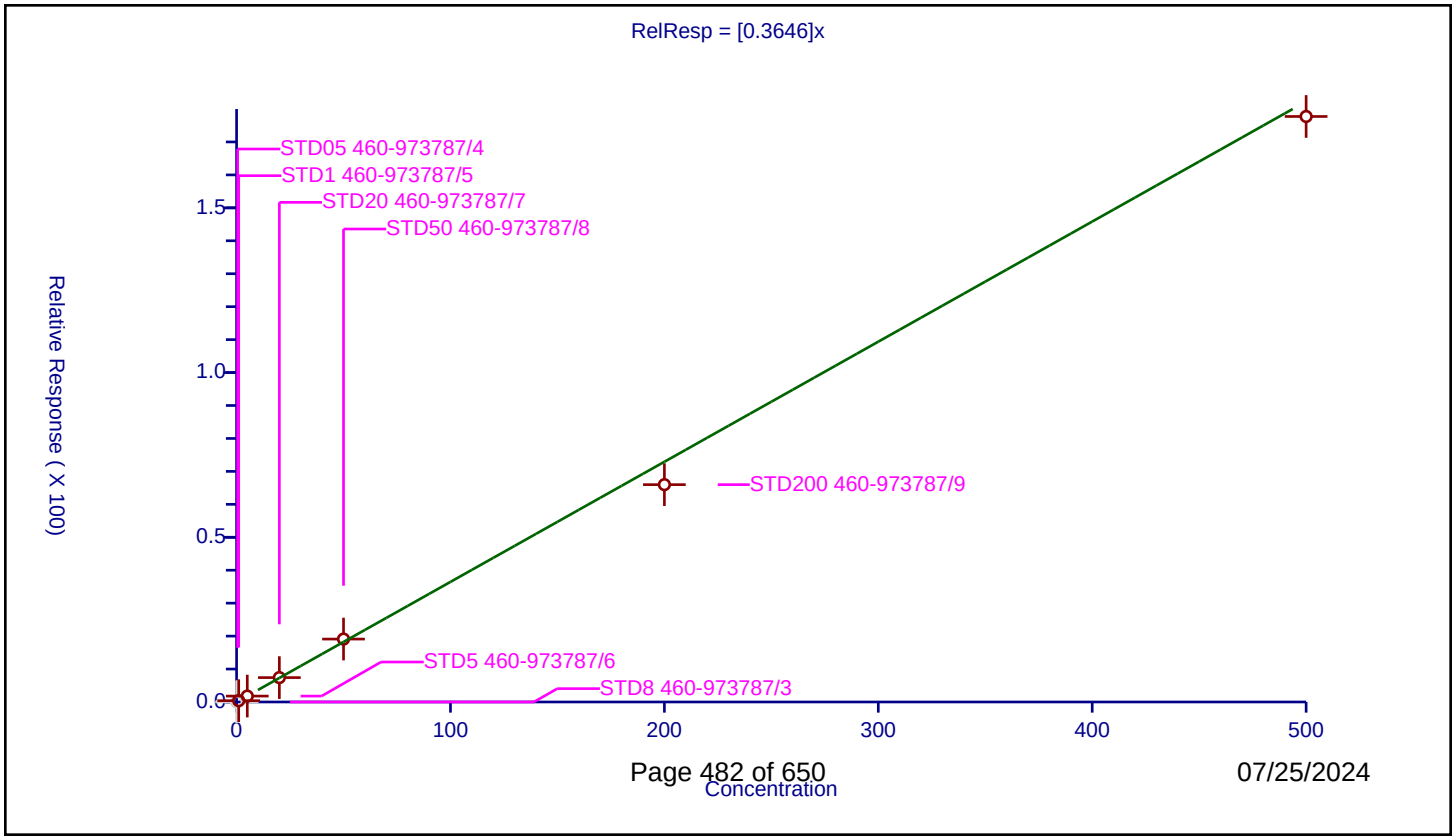
Curve Coefficients

Intercept:	0
Slope:	0.3646

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.207525	50.0	591013.0	0.41505	N
3	STD1 460-973787/5	1.0	0.39217	50.0	633909.0	0.39217	Y
4	STD5 460-973787/6	5.0	1.789446	50.0	623014.0	0.357889	Y
5	STD20 460-973787/7	20.0	7.400319	50.0	592819.0	0.370016	Y
6	STD50 460-973787/8	50.0	19.100159	50.0	595372.0	0.382003	Y
7	STD200 460-973787/9	200.0	65.973469	50.0	616347.0	0.329867	Y
8	STD500 460-973787/10	500.0	177.736107	50.0	627278.0	0.355472	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

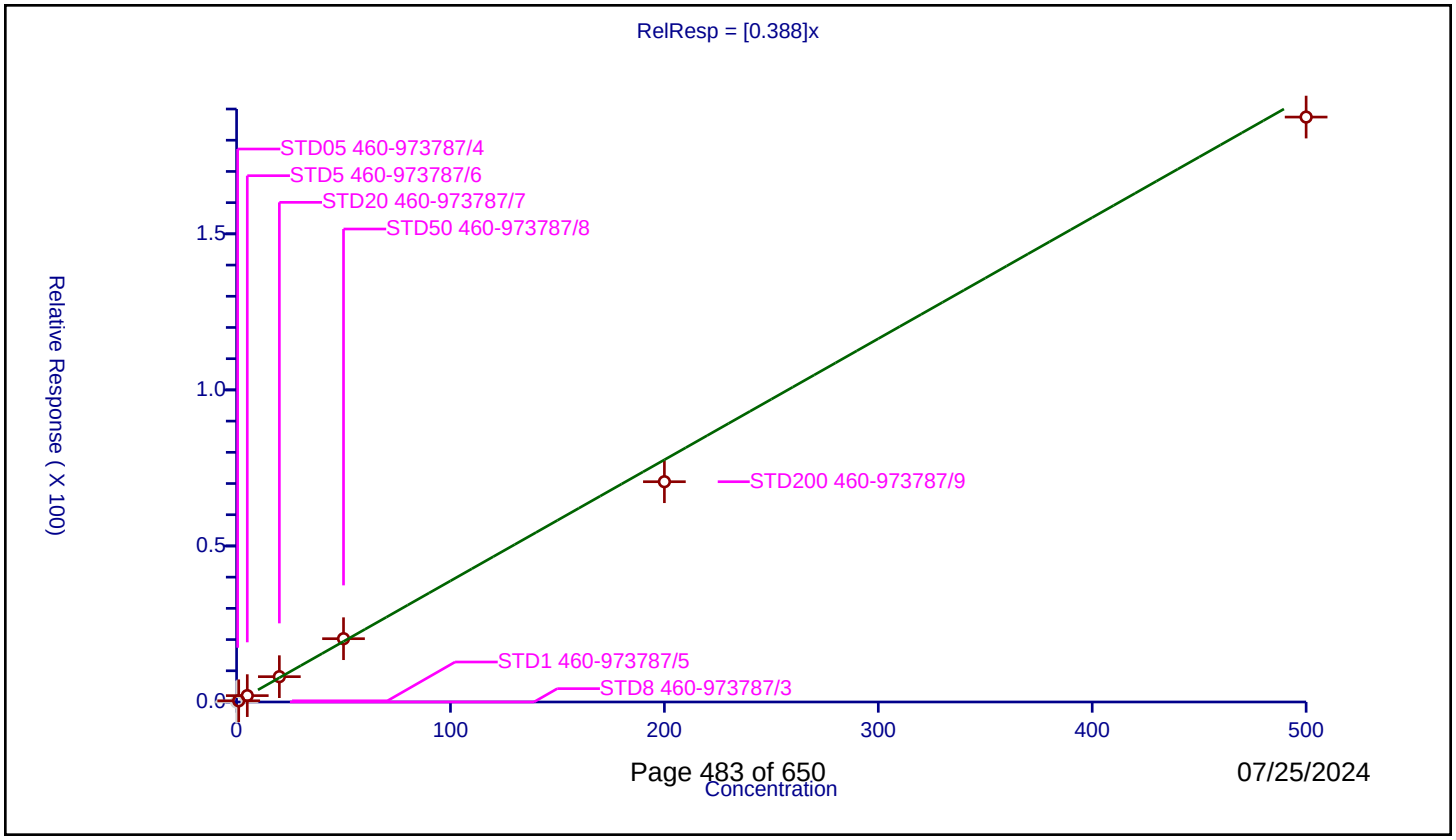
Curve Coefficients

Intercept:	0
Slope:	0.388

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.298048	50.0	591013.0	0.596095	N
3	STD1 460-973787/5	1.0	0.381285	50.0	633909.0	0.381285	Y
4	STD5 460-973787/6	5.0	2.039441	50.0	623014.0	0.407888	Y
5	STD20 460-973787/7	20.0	8.114281	50.0	592819.0	0.405714	Y
6	STD50 460-973787/8	50.0	20.279758	50.0	595372.0	0.405595	Y
7	STD200 460-973787/9	200.0	70.583697	50.0	616347.0	0.352918	Y
8	STD500 460-973787/10	500.0	187.423519	50.0	627278.0	0.374847	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

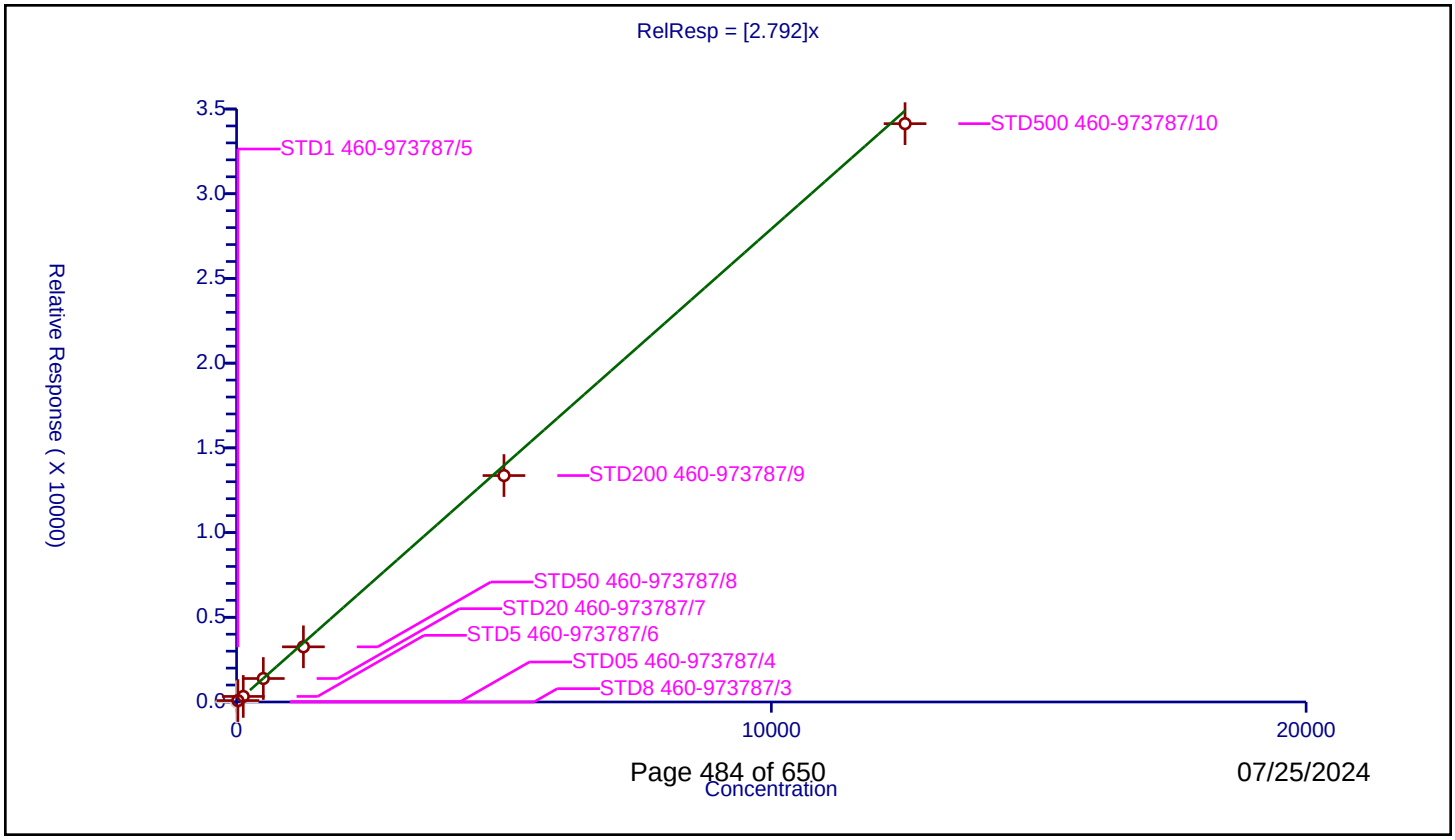
Curve Coefficients

Intercept:	0
Slope:	2.792

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	1000.0	30903.0	NaN	N
2	STD05 460-973787/4	12.5	21.546547	1000.0	26640.0	1.723724	N
3	STD1 460-973787/5	25.0	83.702012	1000.0	28028.0	3.34808	Y
4	STD5 460-973787/6	125.0	328.013708	1000.0	29764.0	2.62411	Y
5	STD20 460-973787/7	500.0	1385.355841	1000.0	28257.0	2.770712	Y
6	STD50 460-973787/8	1250.0	3256.495416	1000.0	28905.0	2.605196	Y
7	STD200 460-973787/9	5000.0	13365.76403	1000.0	28029.0	2.673153	Y
8	STD500 460-973787/10	12500.0	34136.306268	1000.0	30901.0	2.730905	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

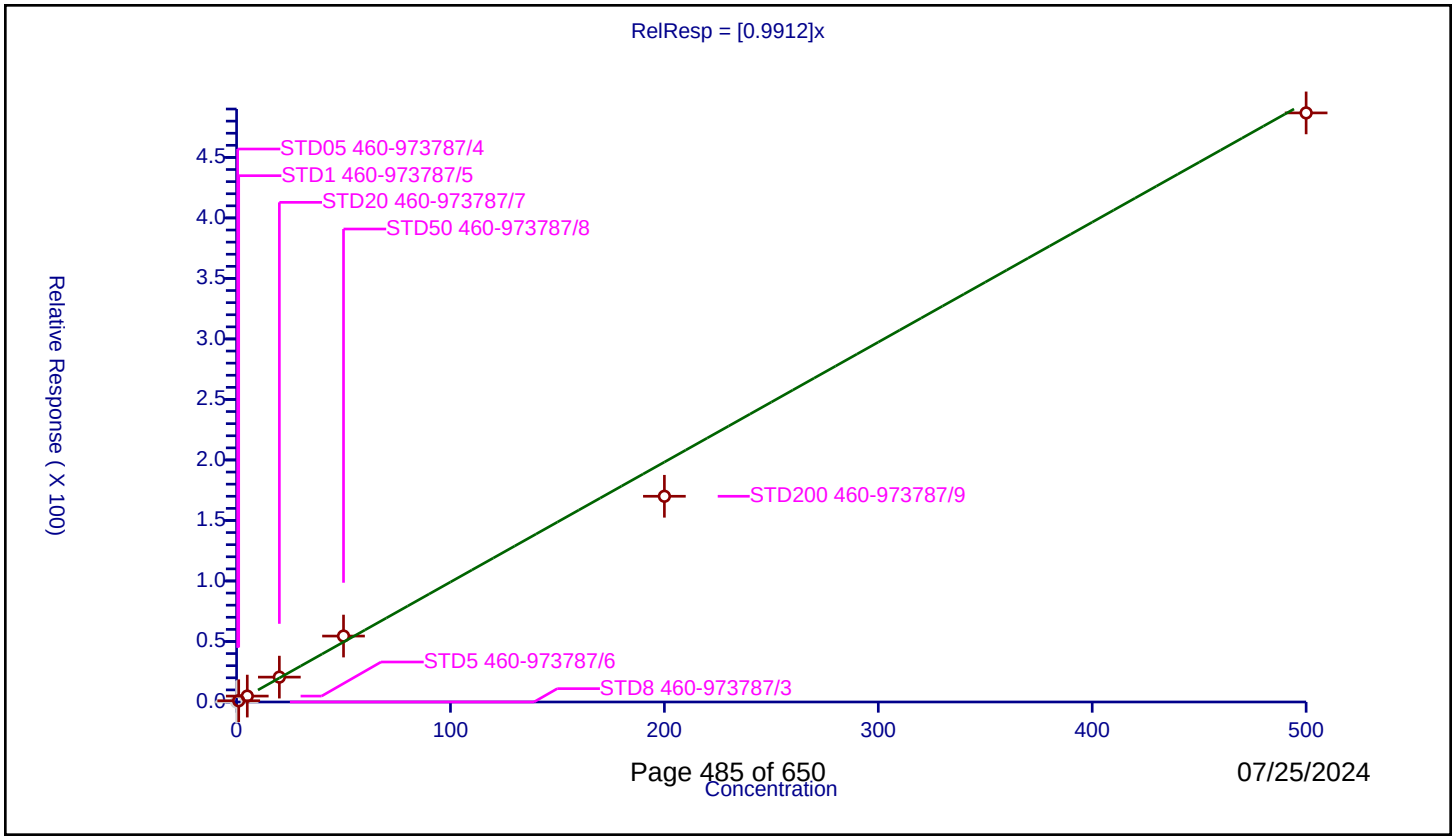
Curve Coefficients

Intercept:	0
Slope:	0.9912

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.679342	50.0	591013.0	1.358684	N
3	STD1 460-973787/5	1.0	1.029249	50.0	633909.0	1.029249	Y
4	STD5 460-973787/6	5.0	4.885845	50.0	623014.0	0.977169	Y
5	STD20 460-973787/7	20.0	20.557961	50.0	592819.0	1.027898	Y
6	STD50 460-973787/8	50.0	54.473338	50.0	595372.0	1.089467	Y
7	STD200 460-973787/9	200.0	169.991498	50.0	616347.0	0.849957	Y
8	STD500 460-973787/10	500.0	486.774445	50.0	627278.0	0.973549	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

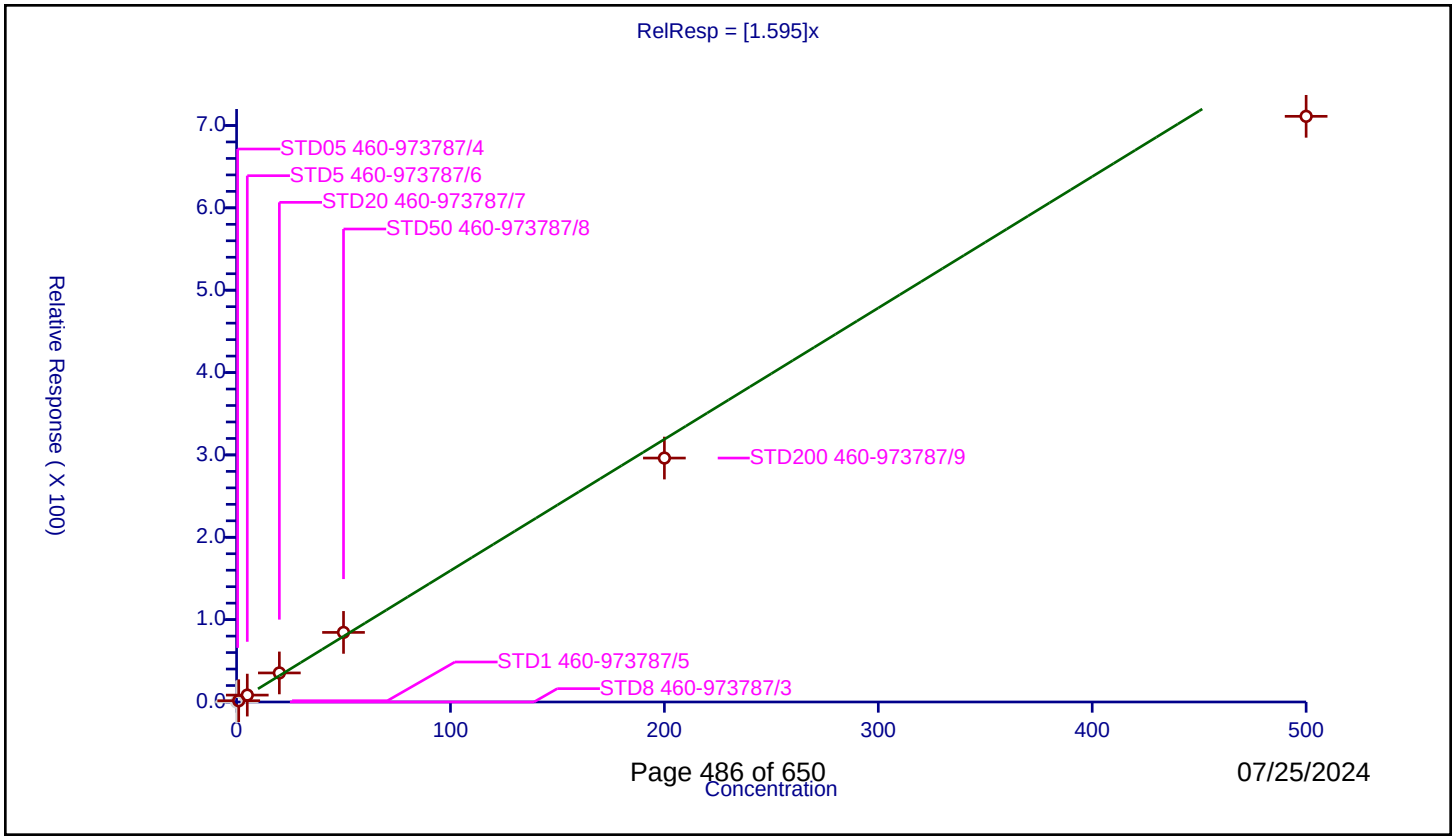
Curve Coefficients

Intercept:	0
Slope:	1.595

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.948956	50.0	411294.0	1.897912	N
3	STD1 460-973787/5	1.0	1.53645	50.0	454294.0	1.53645	Y
4	STD5 460-973787/6	5.0	8.376655	50.0	430888.0	1.675331	Y
5	STD20 460-973787/7	20.0	35.282852	50.0	414333.0	1.764143	Y
6	STD50 460-973787/8	50.0	84.495257	50.0	429288.0	1.689905	Y
7	STD200 460-973787/9	200.0	296.201583	50.0	442250.0	1.481008	Y
8	STD500 460-973787/10	500.0	711.131861	50.0	457309.0	1.422264	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

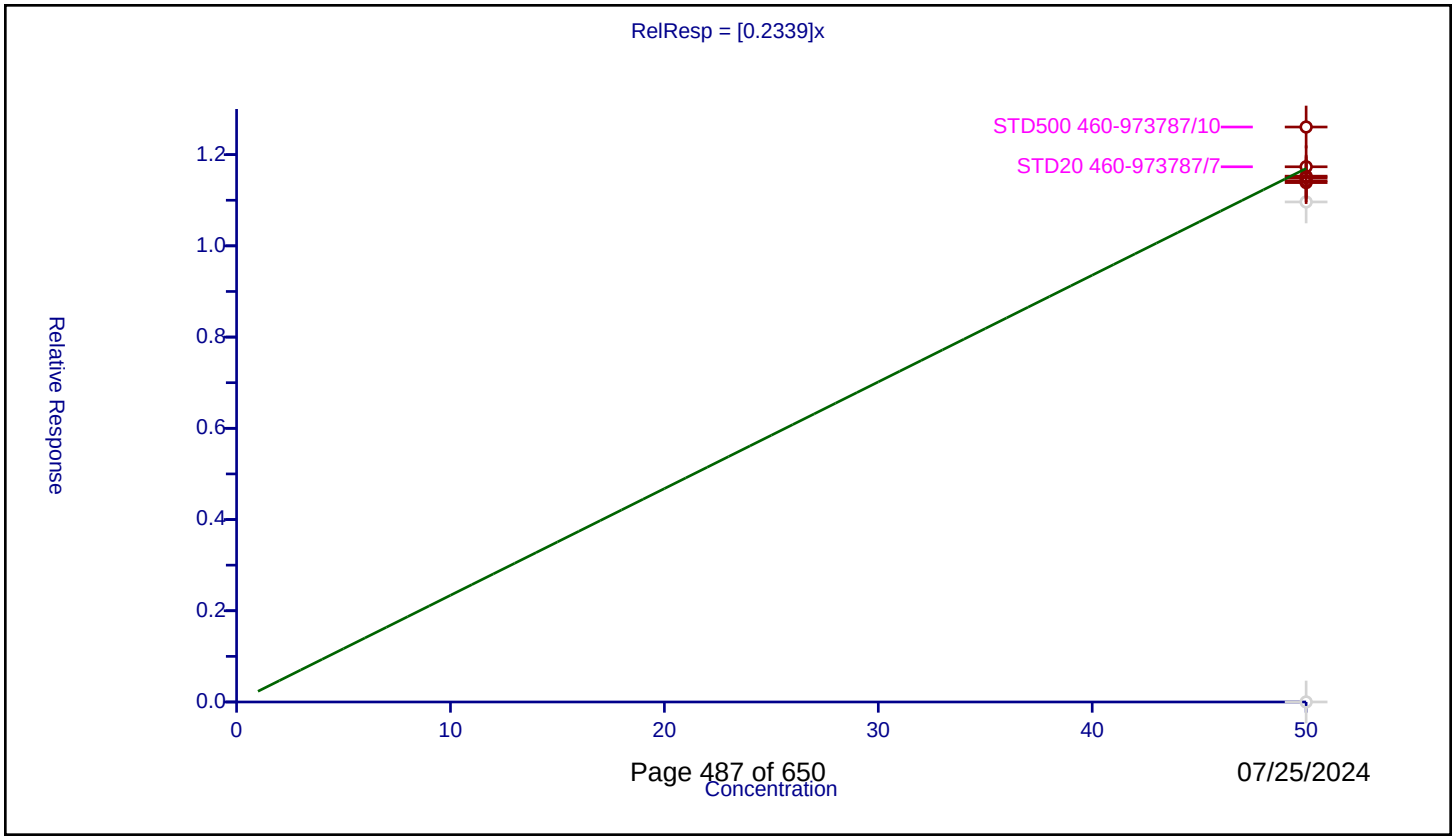
Curve Coefficients

Intercept:	0
Slope:	0.2339

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	50.0	0.0	50.0	623873.0	0.0	N
2	STD05 460-973787/4	50.0	10.962618	50.0	591013.0	0.219252	N
3	STD1 460-973787/5	50.0	11.38665	50.0	633909.0	0.227733	Y
4	STD5 460-973787/6	50.0	11.528072	50.0	623014.0	0.230561	Y
5	STD20 460-973787/7	50.0	11.733936	50.0	592819.0	0.234679	Y
6	STD50 460-973787/8	50.0	11.492731	50.0	595372.0	0.229855	Y
7	STD200 460-973787/9	50.0	11.427248	50.0	616347.0	0.228545	Y
8	STD500 460-973787/10	50.0	12.605495	50.0	627278.0	0.25211	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

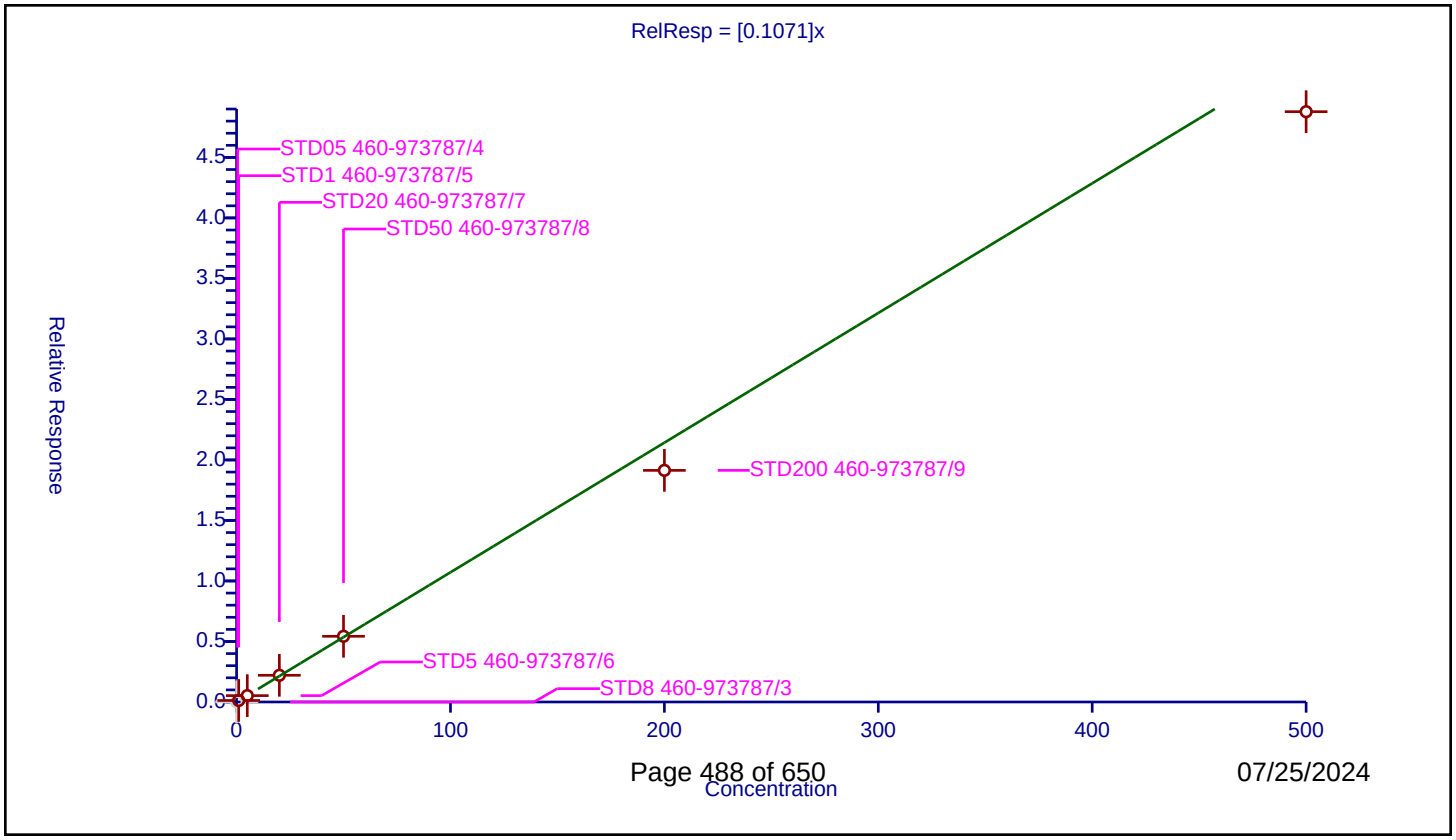
Curve Coefficients

Intercept:	0
Slope:	0.1071

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.08993	50.0	591013.0	0.179861	N
3	STD1 460-973787/5	1.0	0.125491	50.0	633909.0	0.125491	Y
4	STD5 460-973787/6	5.0	0.525831	50.0	623014.0	0.105166	Y
5	STD20 460-973787/7	20.0	2.207672	50.0	592819.0	0.110384	Y
6	STD50 460-973787/8	50.0	5.429295	50.0	595372.0	0.108586	Y
7	STD200 460-973787/9	200.0	19.139705	50.0	616347.0	0.095699	Y
8	STD500 460-973787/10	500.0	48.779409	50.0	627278.0	0.097559	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

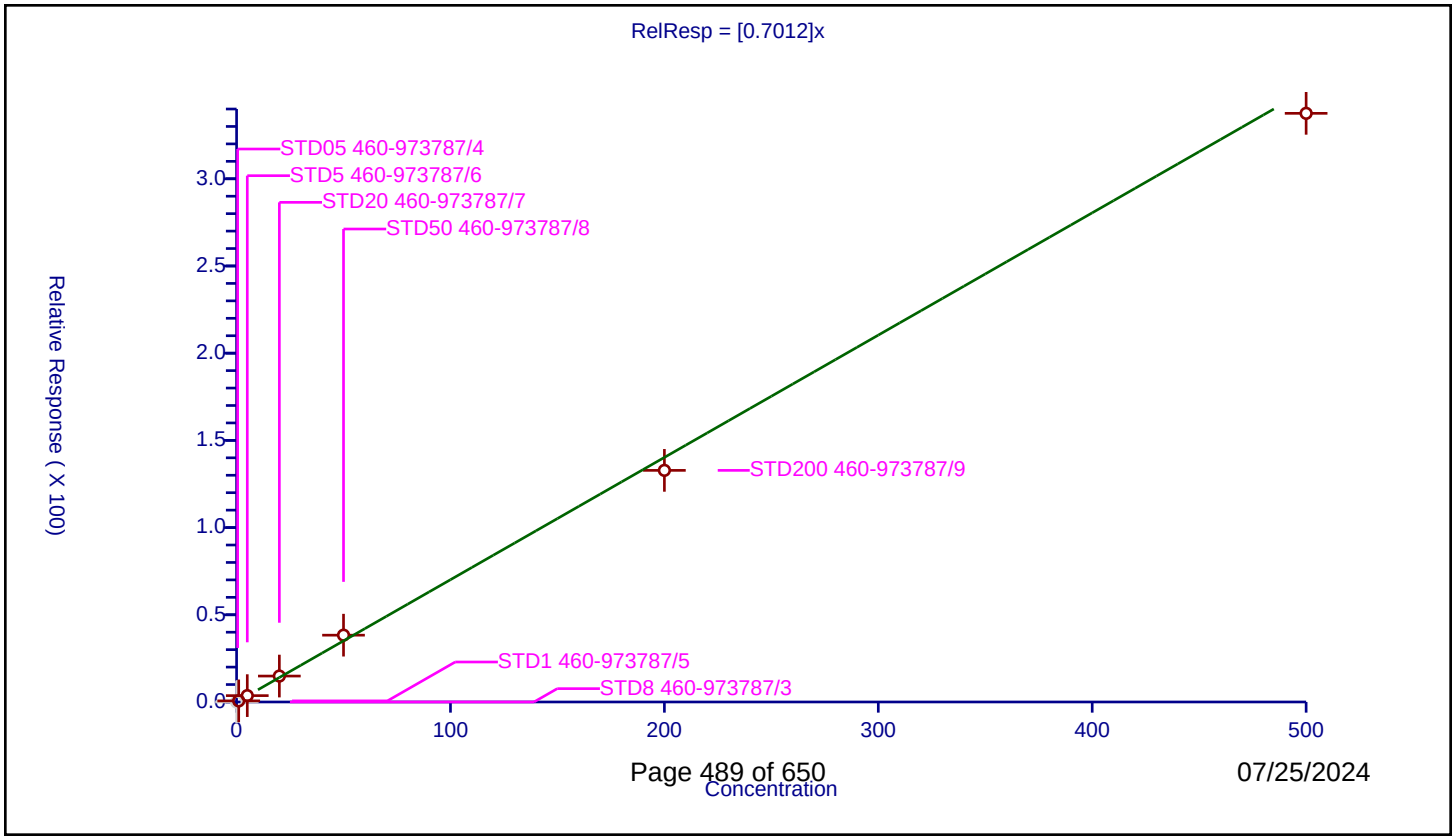
Curve Coefficients

Intercept:	0
Slope:	0.7012

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.392039	50.0	591013.0	0.784078	N
3	STD1 460-973787/5	1.0	0.62927	50.0	633909.0	0.62927	Y
4	STD5 460-973787/6	5.0	3.64422	50.0	623014.0	0.728844	Y
5	STD20 460-973787/7	20.0	14.873933	50.0	592819.0	0.743697	Y
6	STD50 460-973787/8	50.0	38.311257	50.0	595372.0	0.766225	Y
7	STD200 460-973787/9	200.0	132.804411	50.0	616347.0	0.664022	Y
8	STD500 460-973787/10	500.0	337.524989	50.0	627278.0	0.67505	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

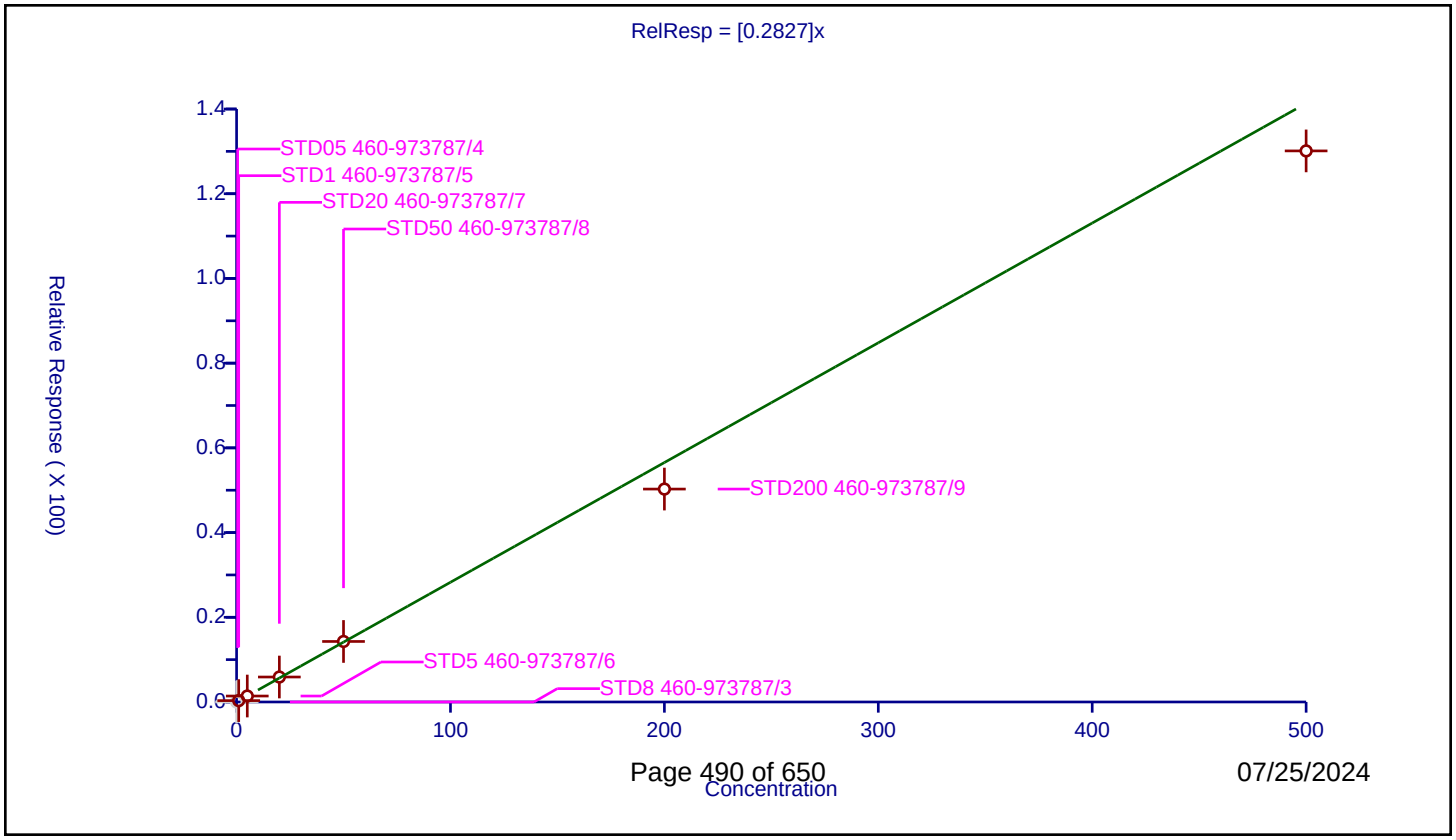
Curve Coefficients

Intercept:	0
Slope:	0.2827

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.180368	50.0	591013.0	0.360737	N
3	STD1 460-973787/5	1.0	0.322207	50.0	633909.0	0.322207	Y
4	STD5 460-973787/6	5.0	1.409037	50.0	623014.0	0.281807	Y
5	STD20 460-973787/7	20.0	5.894379	50.0	592819.0	0.294719	Y
6	STD50 460-973787/8	50.0	14.288798	50.0	595372.0	0.285776	Y
7	STD200 460-973787/9	200.0	50.267301	50.0	616347.0	0.251337	Y
8	STD500 460-973787/10	500.0	130.110972	50.0	627278.0	0.260222	Y



Calibration / n-Heptane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

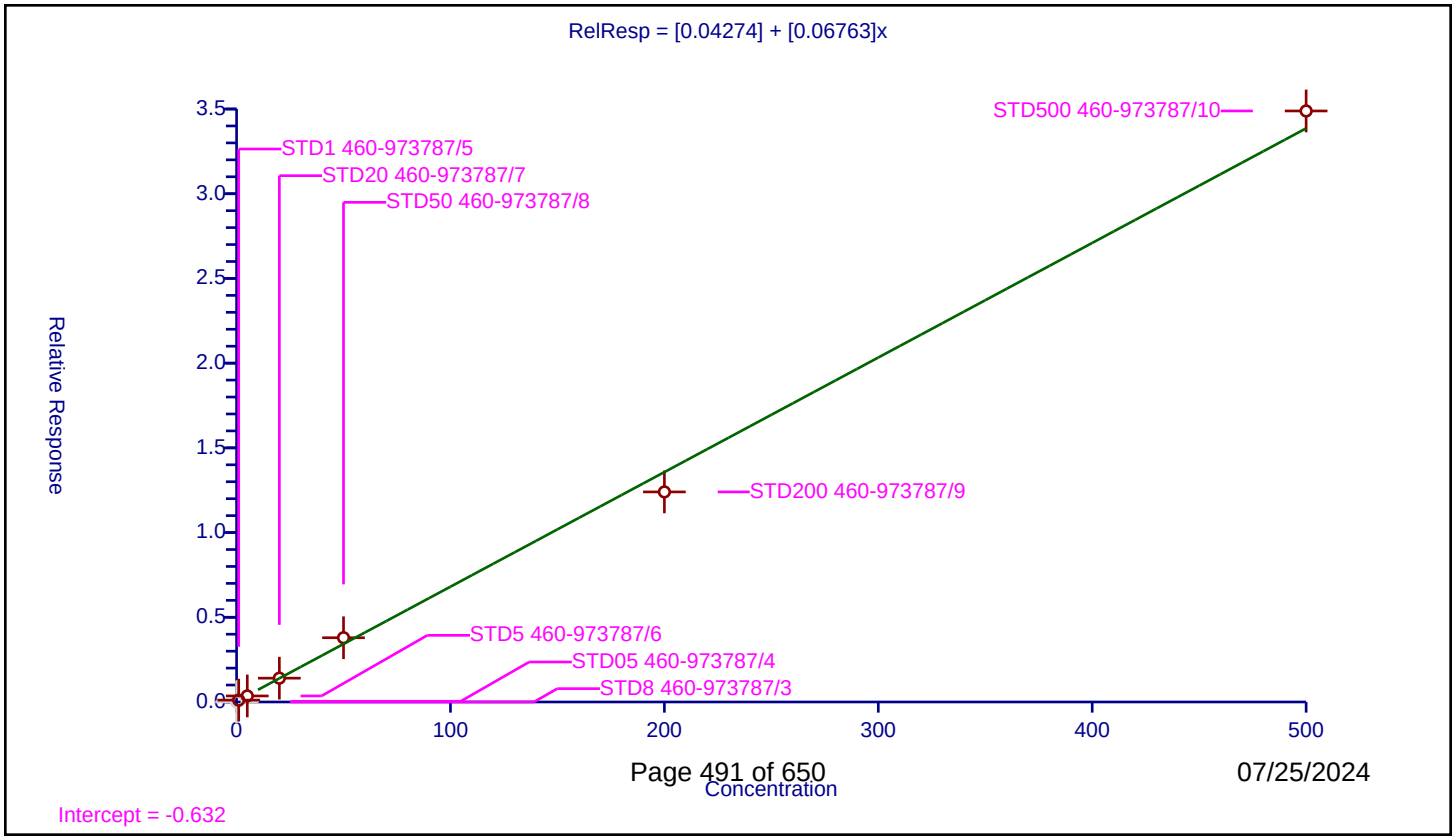
Curve Coefficients

Intercept:	0.04274
Slope:	0.06763

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.042131	50.0	591013.0	0.084262	N
3	STD1 460-973787/5	1.0	0.111215	50.0	633909.0	0.111215	Y
4	STD5 460-973787/6	5.0	0.356092	50.0	623014.0	0.071218	Y
5	STD20 460-973787/7	20.0	1.406416	50.0	592819.0	0.070321	Y
6	STD50 460-973787/8	50.0	3.792251	50.0	595372.0	0.075845	Y
7	STD200 460-973787/9	200.0	12.399346	50.0	616347.0	0.061997	Y
8	STD500 460-973787/10	500.0	34.885728	50.0	627278.0	0.069771	Y



Calibration / n-Butanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

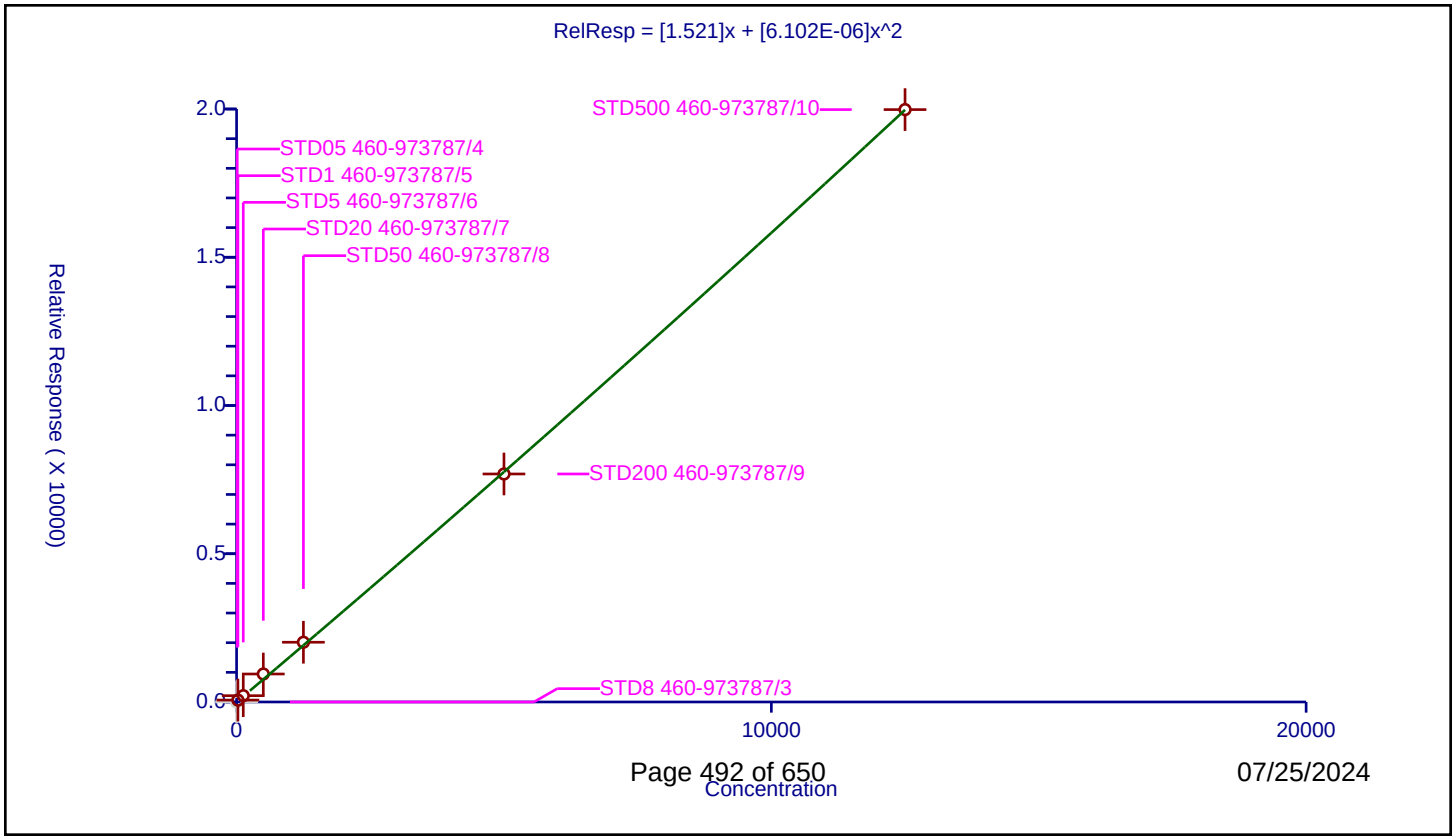
Curve Coefficients

Intercept:	0
Slope:	1.521
Second Order:	6.102E-06

Error Coefficients

Relative Standard Deviation:	36.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	1000.0	30903.0	NaN	N
2	STD05 460-973787/4	12.5	36.298799	1000.0	26640.0	2.903904	N
3	STD1 460-973787/5	25.0	64.114457	1000.0	28028.0	2.564578	Y
4	STD5 460-973787/6	125.0	212.404247	1000.0	29764.0	1.699234	Y
5	STD20 460-973787/7	500.0	944.049262	1000.0	28257.0	1.888099	Y
6	STD50 460-973787/8	1250.0	2014.945511	1000.0	28905.0	1.611956	Y
7	STD200 460-973787/9	5000.0	7690.427771	1000.0	28029.0	1.538086	Y
8	STD500 460-973787/10	12500.0	19980.615514	1000.0	30901.0	1.598449	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

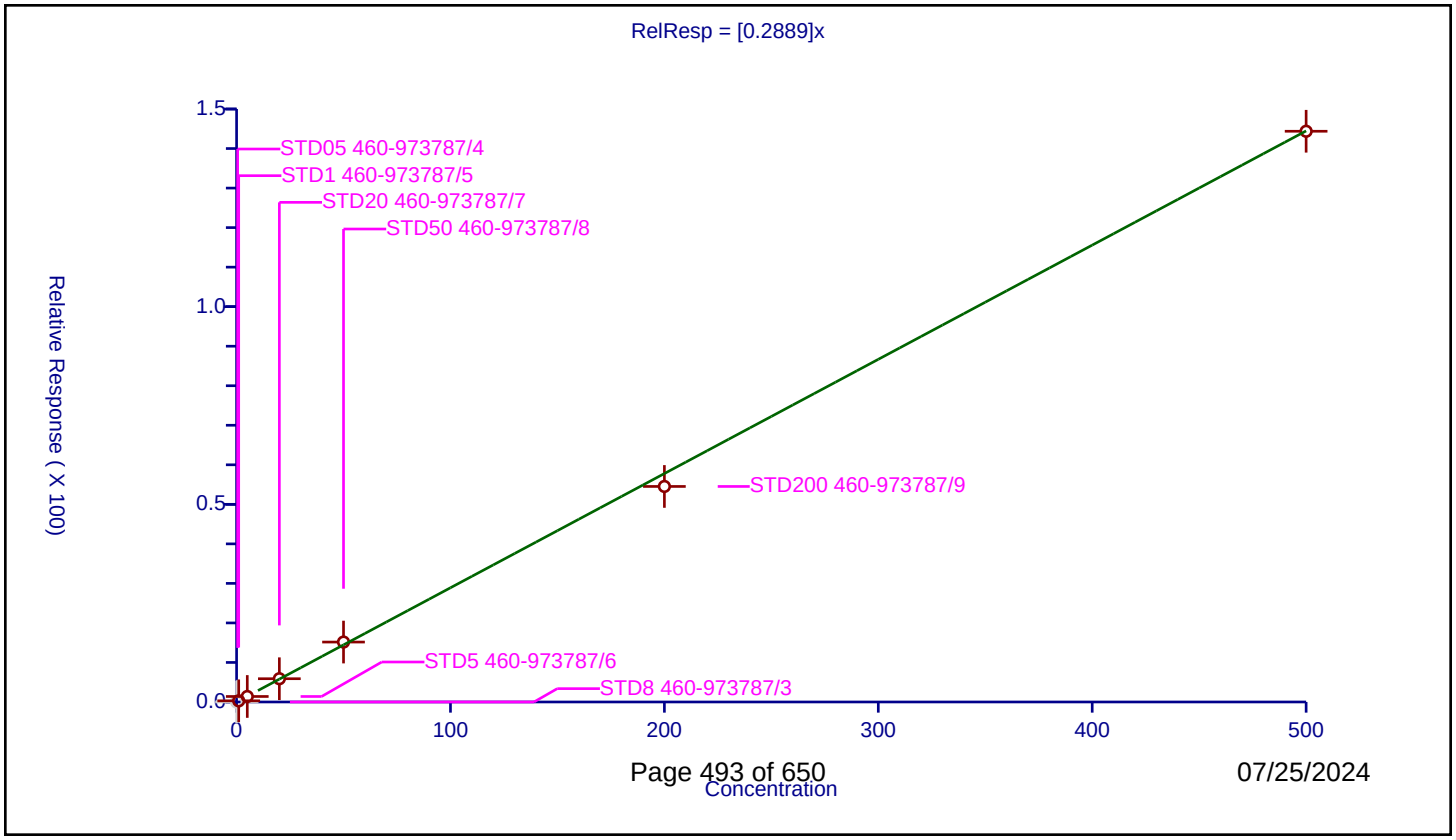
Curve Coefficients

Intercept:	0
Slope:	0.2889

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.198642	50.0	591013.0	0.397284	N
3	STD1 460-973787/5	1.0	0.296494	50.0	633909.0	0.296494	Y
4	STD5 460-973787/6	5.0	1.390338	50.0	623014.0	0.278068	Y
5	STD20 460-973787/7	20.0	5.887547	50.0	592819.0	0.294377	Y
6	STD50 460-973787/8	50.0	15.163125	50.0	595372.0	0.303262	Y
7	STD200 460-973787/9	200.0	54.523507	50.0	616347.0	0.272618	Y
8	STD500 460-973787/10	500.0	144.371794	50.0	627278.0	0.288744	Y



Calibration / Ethyl acrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

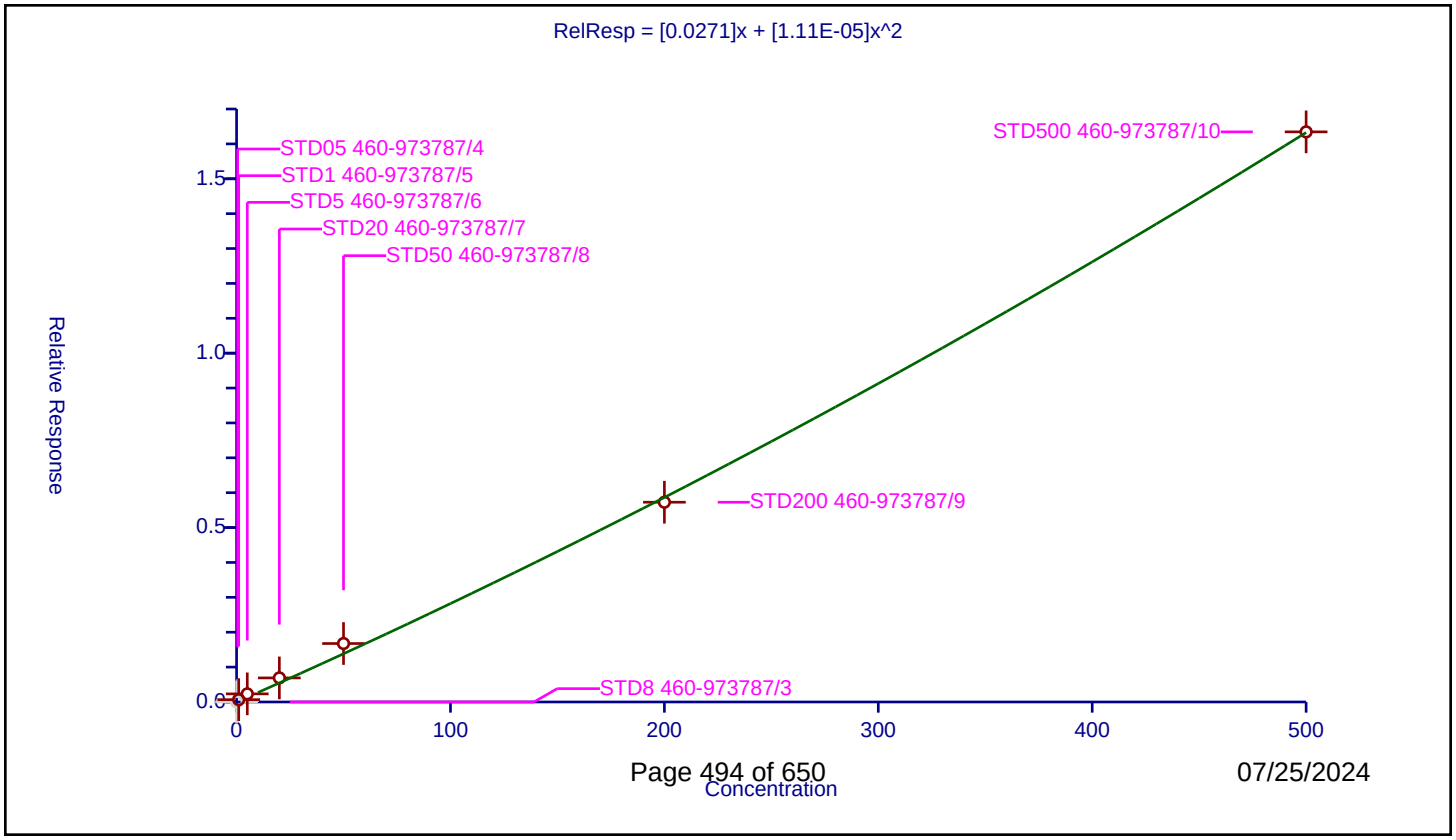
Curve Coefficients

Intercept:	0
Slope:	0.0271
Second Order:	1.11E-05

Error Coefficients

Relative Standard Deviation:	83.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.041708	50.0	591013.0	0.083416	N
3	STD1 460-973787/5	1.0	0.066887	50.0	633909.0	0.066887	Y
4	STD5 460-973787/6	5.0	0.232579	50.0	623014.0	0.046516	Y
5	STD20 460-973787/7	20.0	0.690008	50.0	592819.0	0.0345	Y
6	STD50 460-973787/8	50.0	1.676263	50.0	595372.0	0.033525	Y
7	STD200 460-973787/9	200.0	5.72705	50.0	616347.0	0.028635	Y
8	STD500 460-973787/10	500.0	16.344747	50.0	627278.0	0.032689	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

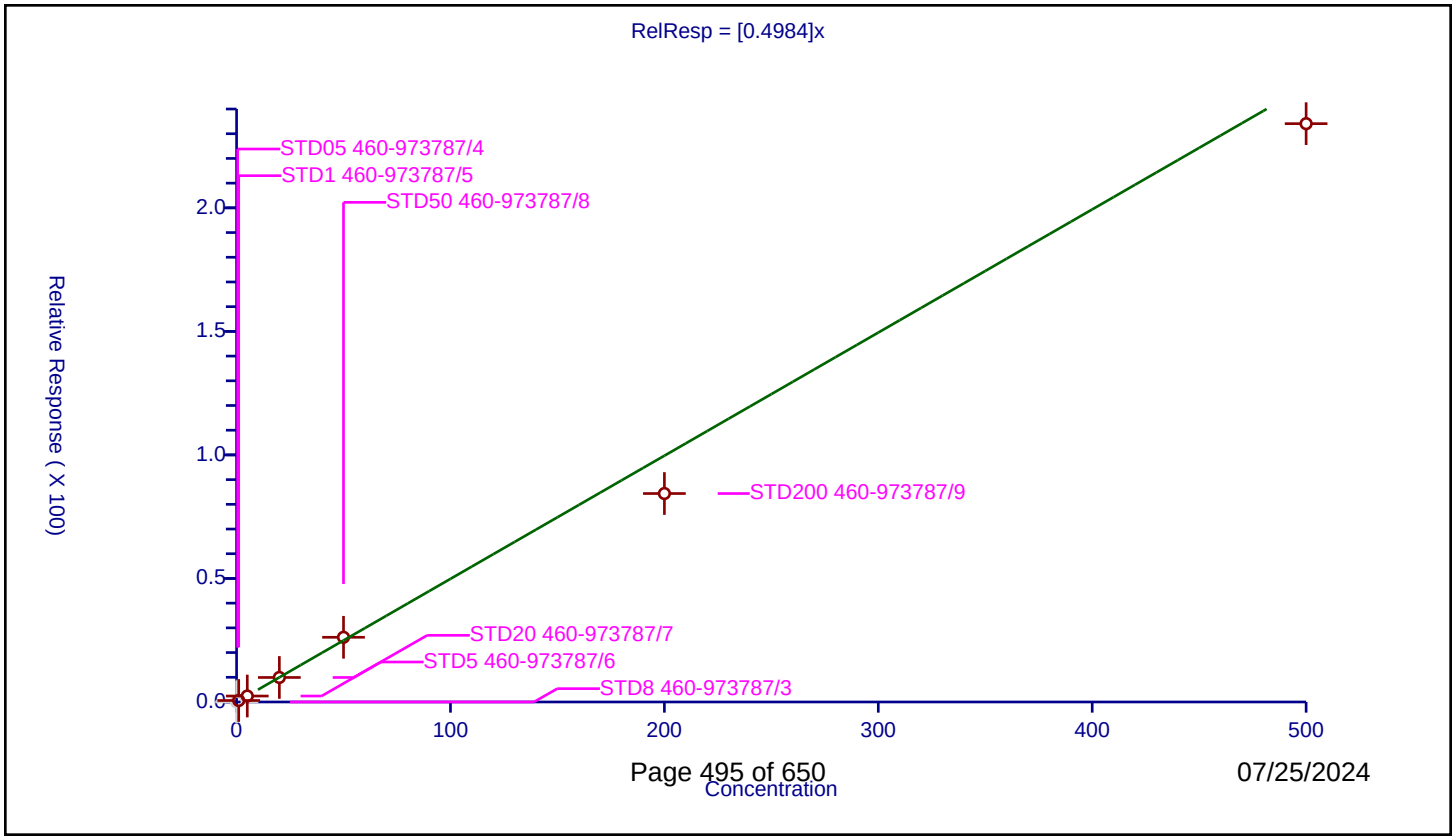
Curve Coefficients

Intercept:	0
Slope:	0.4984

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.387809	50.0	591013.0	0.775617	N
3	STD1 460-973787/5	1.0	0.59772	50.0	633909.0	0.59772	Y
4	STD5 460-973787/6	5.0	2.415435	50.0	623014.0	0.483087	Y
5	STD20 460-973787/7	20.0	9.919385	50.0	592819.0	0.495969	Y
6	STD50 460-973787/8	50.0	26.183882	50.0	595372.0	0.523678	Y
7	STD200 460-973787/9	200.0	84.375198	50.0	616347.0	0.421876	Y
8	STD500 460-973787/10	500.0	234.071098	50.0	627278.0	0.468142	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

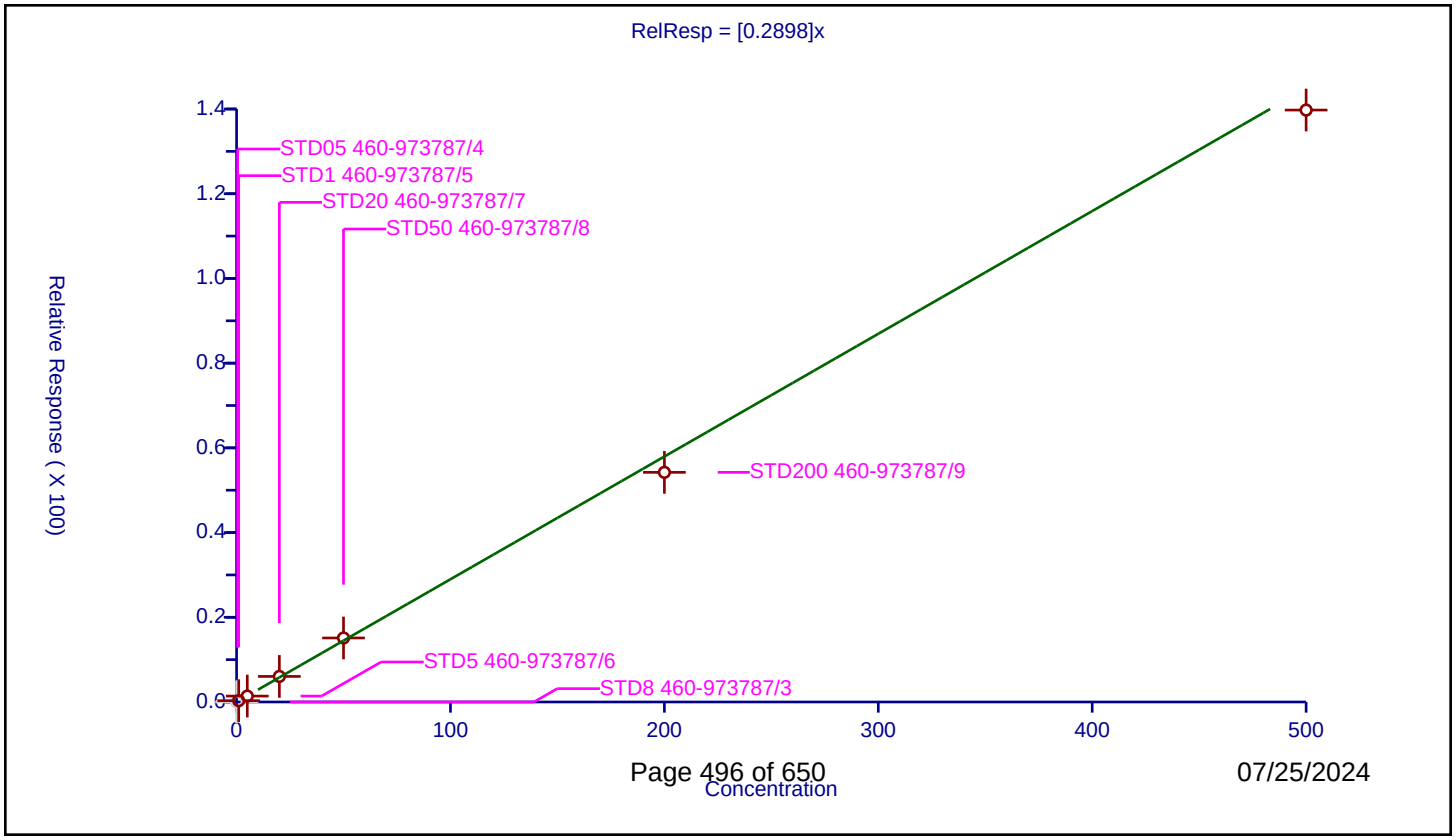
Curve Coefficients

Intercept:	0
Slope:	0.2898

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.200672	50.0	591013.0	0.401345	N
3	STD1 460-973787/5	1.0	0.305091	50.0	633909.0	0.305091	Y
4	STD5 460-973787/6	5.0	1.394351	50.0	623014.0	0.27887	Y
5	STD20 460-973787/7	20.0	6.033545	50.0	592819.0	0.301677	Y
6	STD50 460-973787/8	50.0	15.113828	50.0	595372.0	0.302277	Y
7	STD200 460-973787/9	200.0	54.220188	50.0	616347.0	0.271101	Y
8	STD500 460-973787/10	500.0	139.75247	50.0	627278.0	0.279505	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

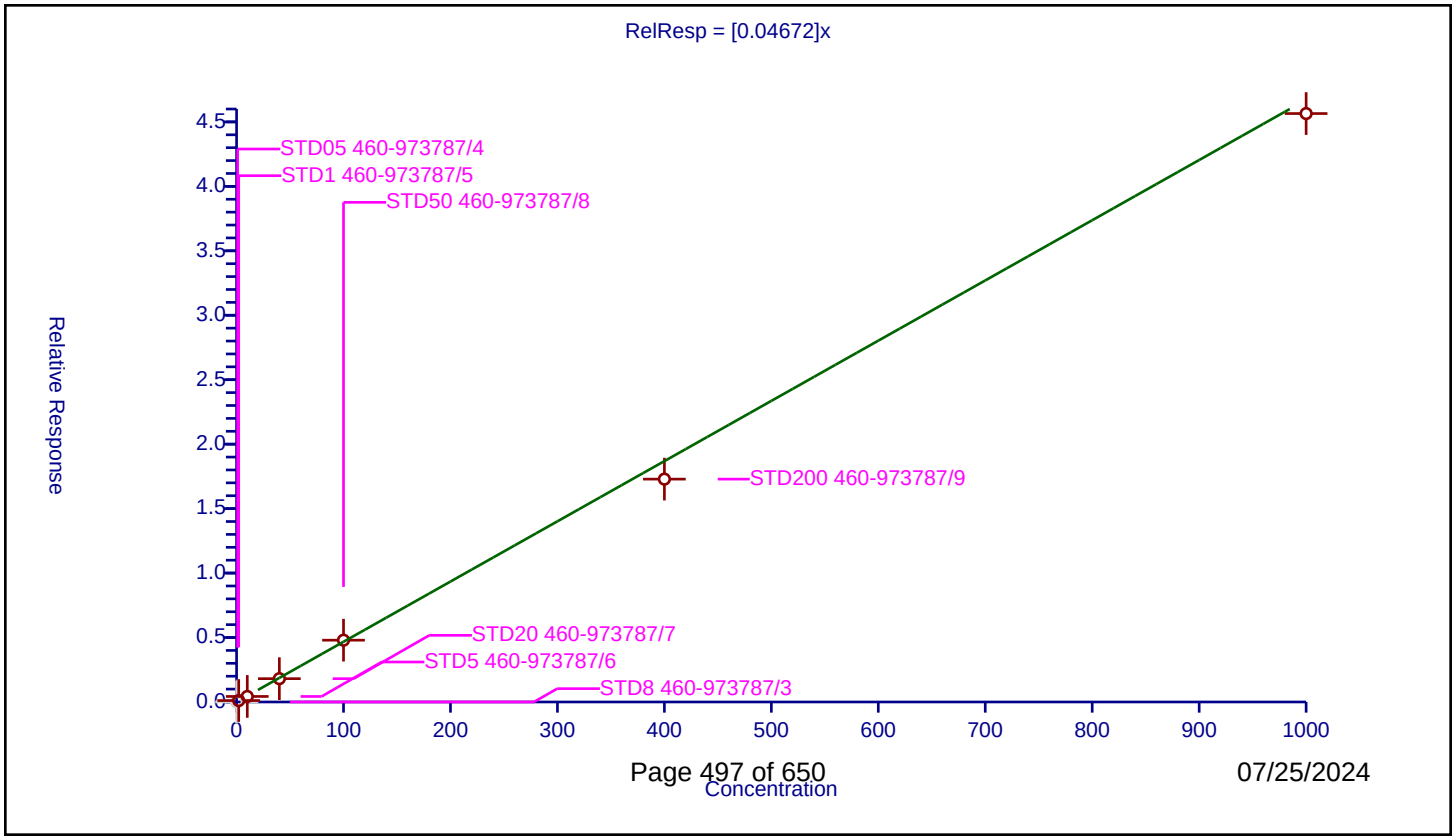
Curve Coefficients

Intercept:	0
Slope:	0.04672

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	1.0	0.074956	50.0	591013.0	0.074956	N
3	STD1 460-973787/5	2.0	0.110584	50.0	633909.0	0.055292	Y
4	STD5 460-973787/6	10.0	0.429605	50.0	623014.0	0.042961	Y
5	STD20 460-973787/7	40.0	1.809068	50.0	592819.0	0.045227	Y
6	STD50 460-973787/8	100.0	4.794313	50.0	595372.0	0.047943	Y
7	STD200 460-973787/9	400.0	17.288394	50.0	616347.0	0.043221	Y
8	STD500 460-973787/10	1000.0	45.647384	50.0	627278.0	0.045647	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

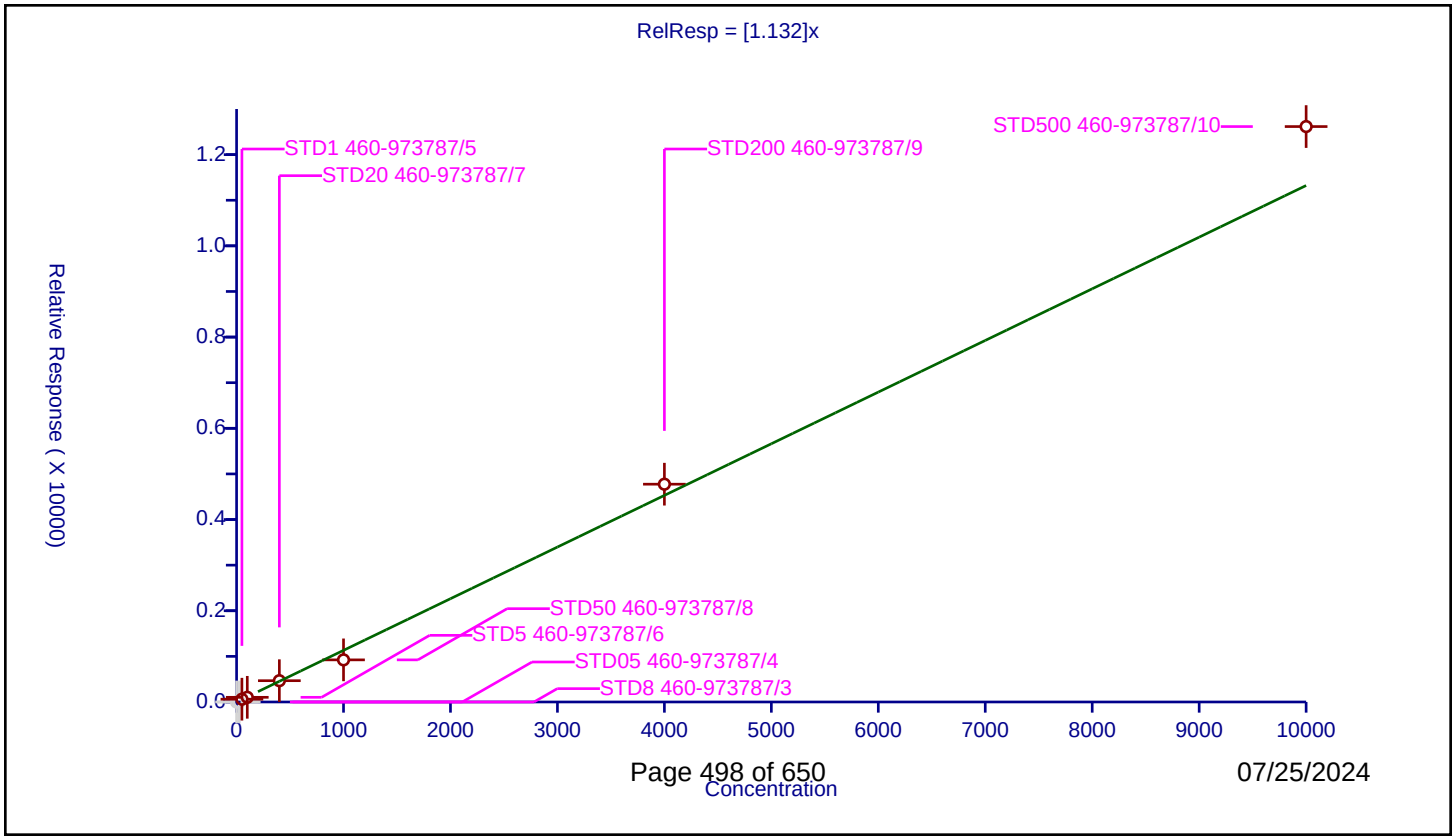
Curve Coefficients

Intercept:	0
Slope:	1.132

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	1000.0	20033.0	NaN	N
2	STD05 460-973787/4	25.000031	0.0	1000.0	18061.0	0.0	N
3	STD1 460-973787/5	50.000062	60.97626	1000.0	18745.0	1.219524	Y
4	STD5 460-973787/6	100.0	102.799577	1000.0	17967.0	1.027996	Y
5	STD20 460-973787/7	400.0	467.052728	1000.0	16405.0	1.167632	Y
6	STD50 460-973787/8	1000.0	923.234677	1000.0	21455.0	0.923235	Y
7	STD200 460-973787/9	4000.0	4775.100402	1000.0	14193.0	1.193775	Y
8	STD500 460-973787/10	10000.0	12615.364412	1000.0	15230.0	1.261536	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

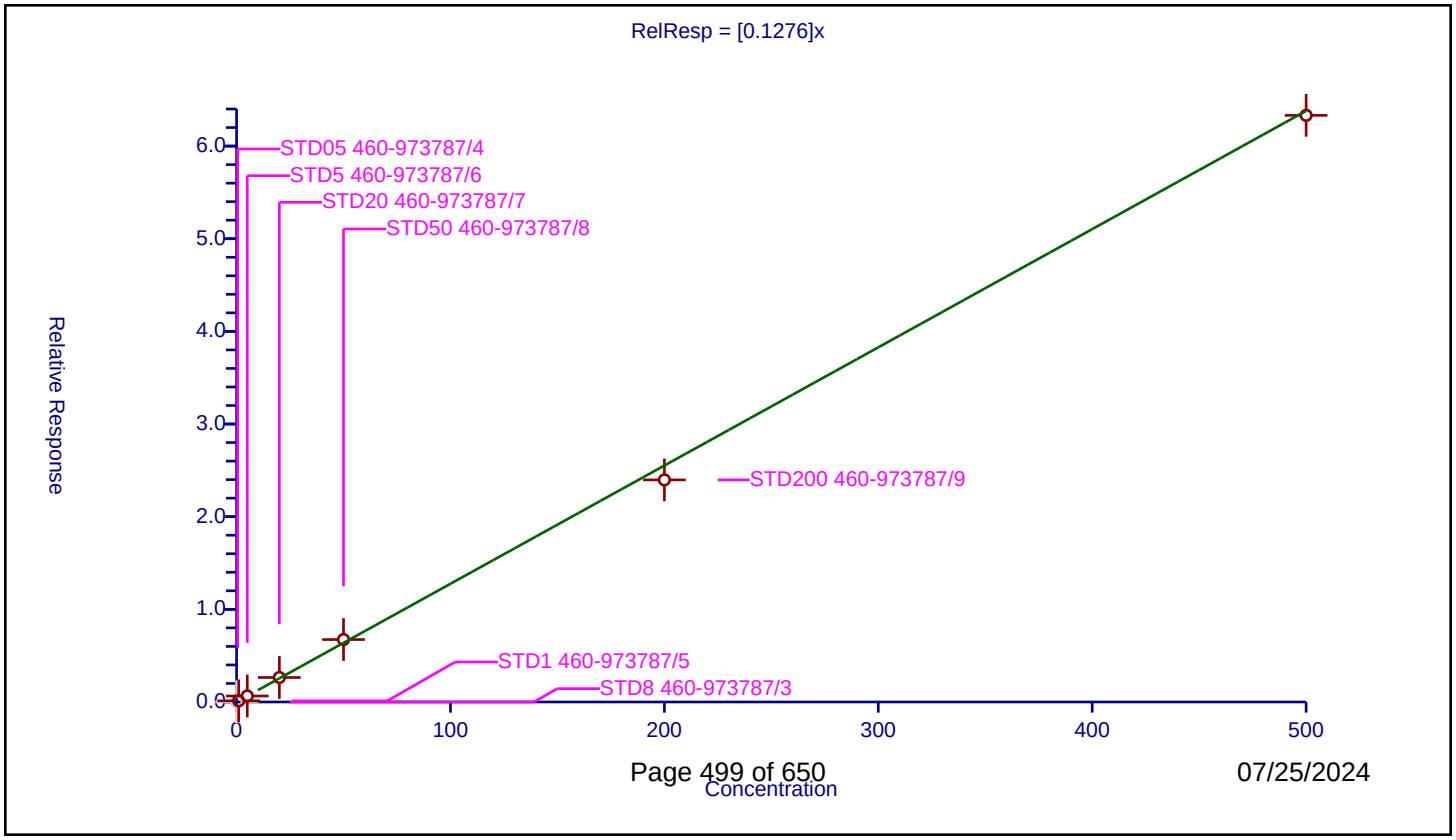
Curve Coefficients

Intercept:	0
Slope:	0.1276

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.087646	50.0	591013.0	0.175292	N
3	STD1 460-973787/5	1.0	0.123046	50.0	633909.0	0.123046	Y
4	STD5 460-973787/6	5.0	0.64525	50.0	623014.0	0.12905	Y
5	STD20 460-973787/7	20.0	2.643977	50.0	592819.0	0.132199	Y
6	STD50 460-973787/8	50.0	6.737972	50.0	595372.0	0.134759	Y
7	STD200 460-973787/9	200.0	23.969371	50.0	616347.0	0.119847	Y
8	STD500 460-973787/10	500.0	63.315547	50.0	627278.0	0.126631	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

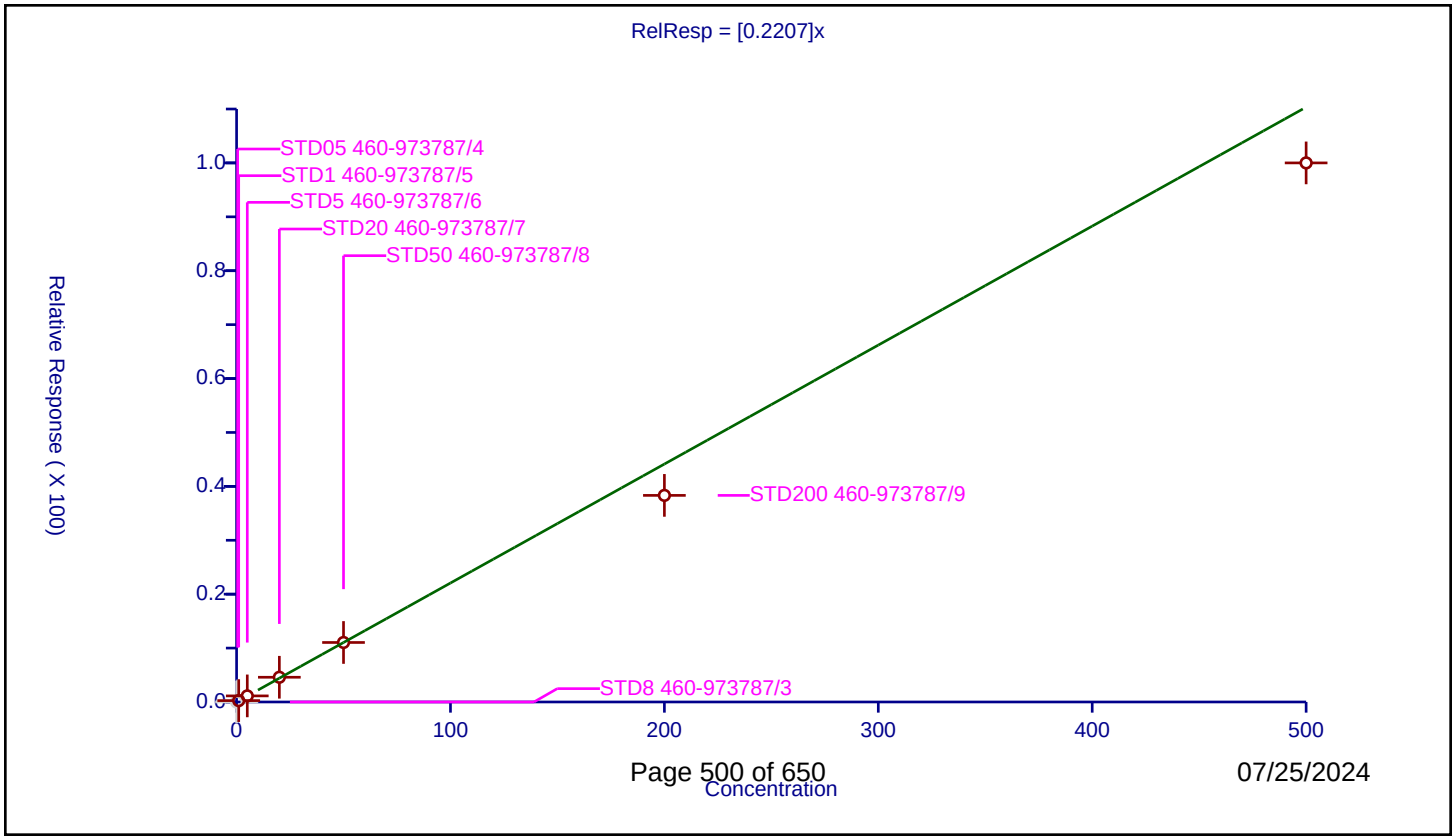
Curve Coefficients

Intercept:	0
Slope:	0.2207

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.201011	50.0	591013.0	0.402022	N
3	STD1 460-973787/5	1.0	0.25674	50.0	633909.0	0.25674	Y
4	STD5 460-973787/6	5.0	1.128145	50.0	623014.0	0.225629	Y
5	STD20 460-973787/7	20.0	4.586307	50.0	592819.0	0.229315	Y
6	STD50 460-973787/8	50.0	11.039485	50.0	595372.0	0.22079	Y
7	STD200 460-973787/9	200.0	38.326624	50.0	616347.0	0.191633	Y
8	STD500 460-973787/10	500.0	100.001116	50.0	627278.0	0.200002	Y



07/25/2024

Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

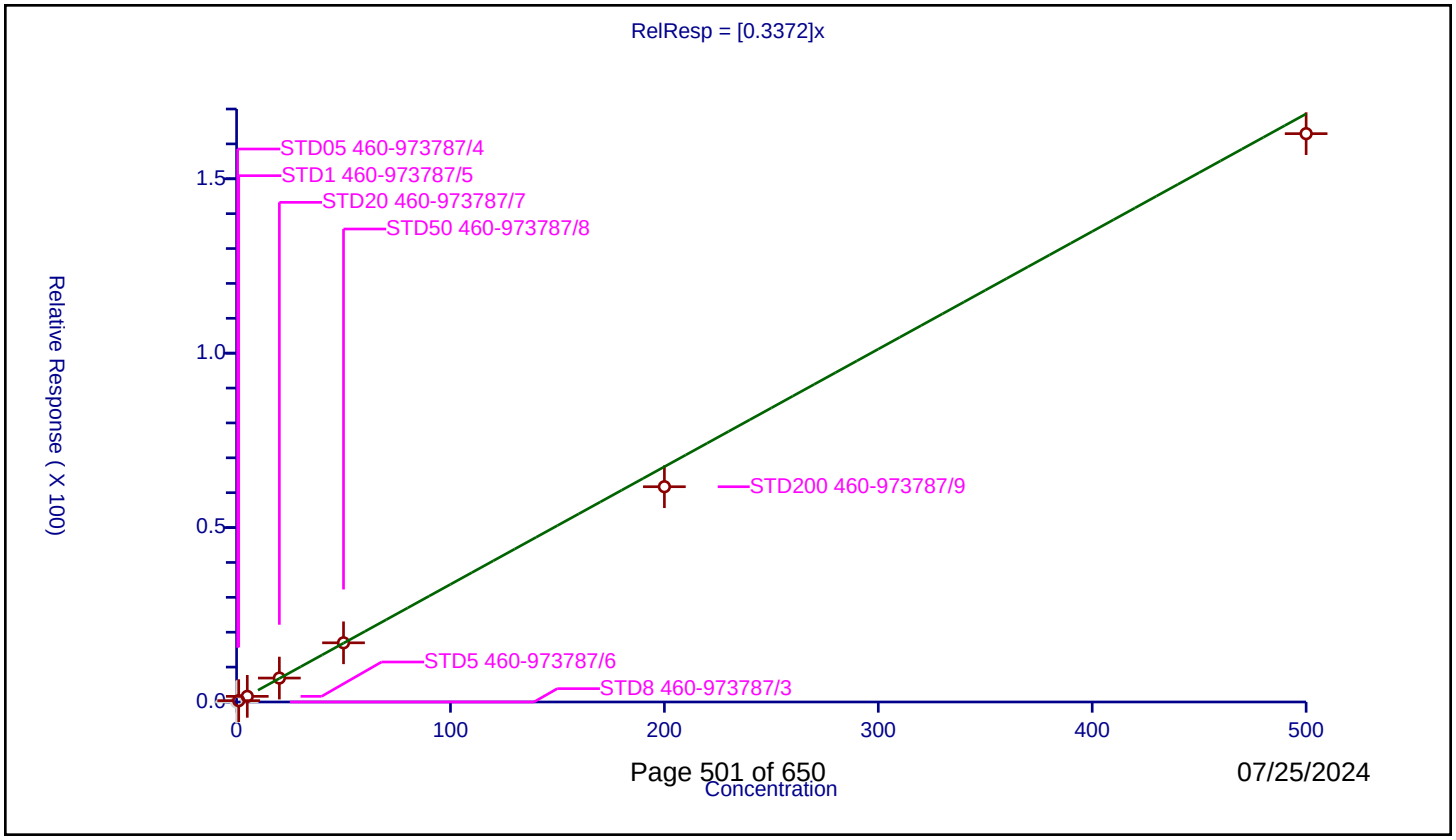
Curve Coefficients

Intercept:	0
Slope:	0.3372

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5	0.223261	50.0	591013.0	0.446521	N
3	STD1 460-973787/5	1.0	0.382705	50.0	633909.0	0.382705	Y
4	STD5 460-973787/6	5.0	1.618663	50.0	623014.0	0.323733	Y
5	STD20 460-973787/7	20.0	6.862044	50.0	592819.0	0.343102	Y
6	STD50 460-973787/8	50.0	16.970986	50.0	595372.0	0.33942	Y
7	STD200 460-973787/9	200.0	61.71848	50.0	616347.0	0.308592	Y
8	STD500 460-973787/10	500.0	162.93629	50.0	627278.0	0.325873	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

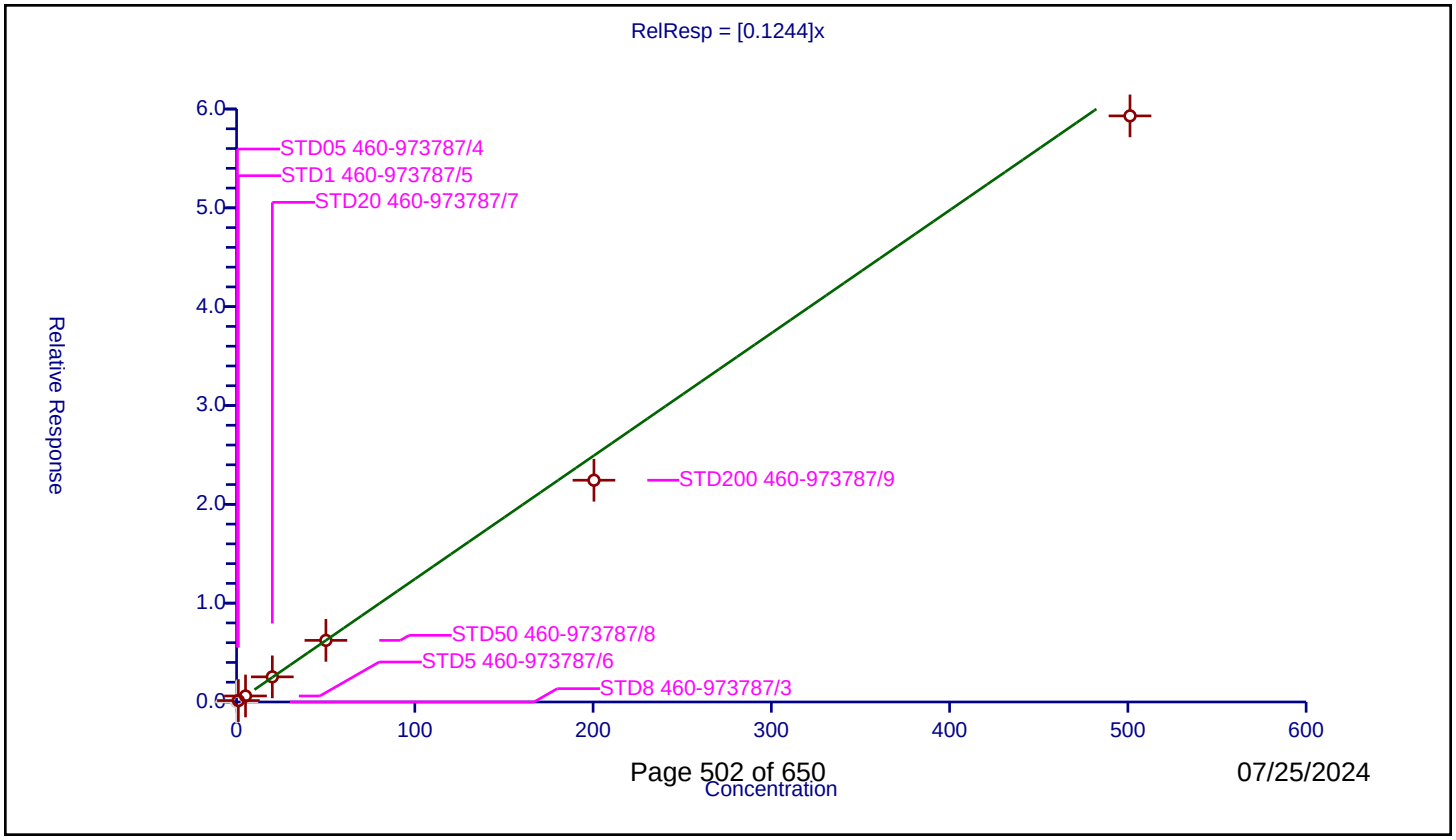
Curve Coefficients

Intercept:	0
Slope:	0.1244

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	0.5012	0.104566	50.0	591013.0	0.208632	N
3	STD1 460-973787/5	1.0024	0.144027	50.0	633909.0	0.143682	Y
4	STD5 460-973787/6	5.012	0.60745	50.0	623014.0	0.121199	Y
5	STD20 460-973787/7	20.048	2.542007	50.0	592819.0	0.126796	Y
6	STD50 460-973787/8	50.12	6.233834	50.0	595372.0	0.124378	Y
7	STD200 460-973787/9	200.48	22.439957	50.0	616347.0	0.111931	Y
8	STD500 460-973787/10	501.2	59.304407	50.0	627278.0	0.118325	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

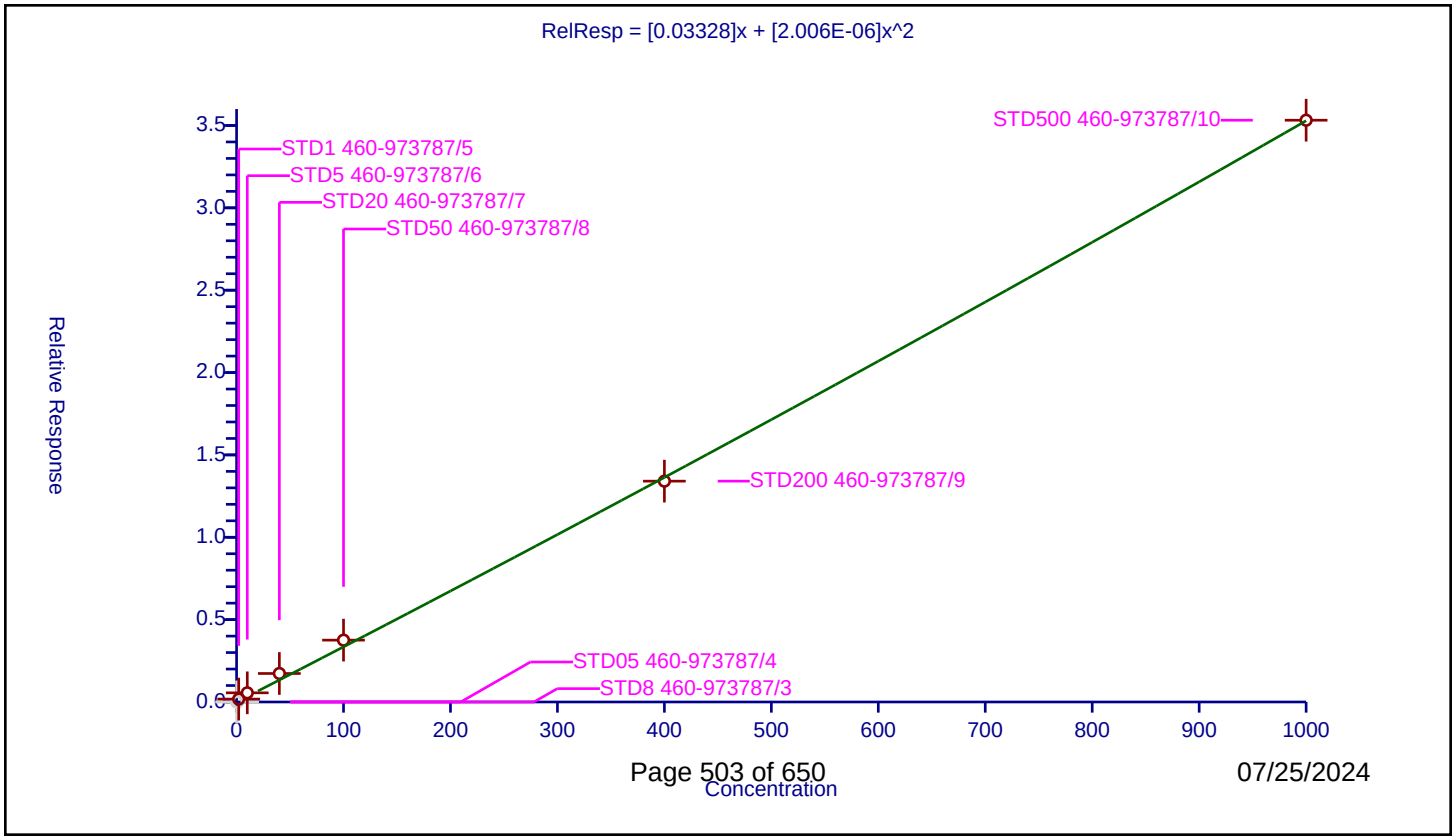
Curve Coefficients

Intercept:	0
Slope:	0.03328
Second Order:	2.006E-06

Error Coefficients

Relative Standard Deviation:	89.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	623873.0	NaN	N
2	STD05 460-973787/4	1.0	0.0	50.0	591013.0	0.0	N
3	STD1 460-973787/5	2.0	0.175341	50.0	633909.0	0.08767	Y
4	STD5 460-973787/6	10.0	0.556328	50.0	623014.0	0.055633	Y
5	STD20 460-973787/7	40.0	1.729364	50.0	592819.0	0.043234	Y
6	STD50 460-973787/8	100.0	3.755131	50.0	595372.0	0.037551	Y
7	STD200 460-973787/9	400.0	13.407869	50.0	616347.0	0.03352	Y
8	STD500 460-973787/10	1000.0	35.319587	50.0	627278.0	0.03532	Y



Calibration / Epichlorohydrin

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

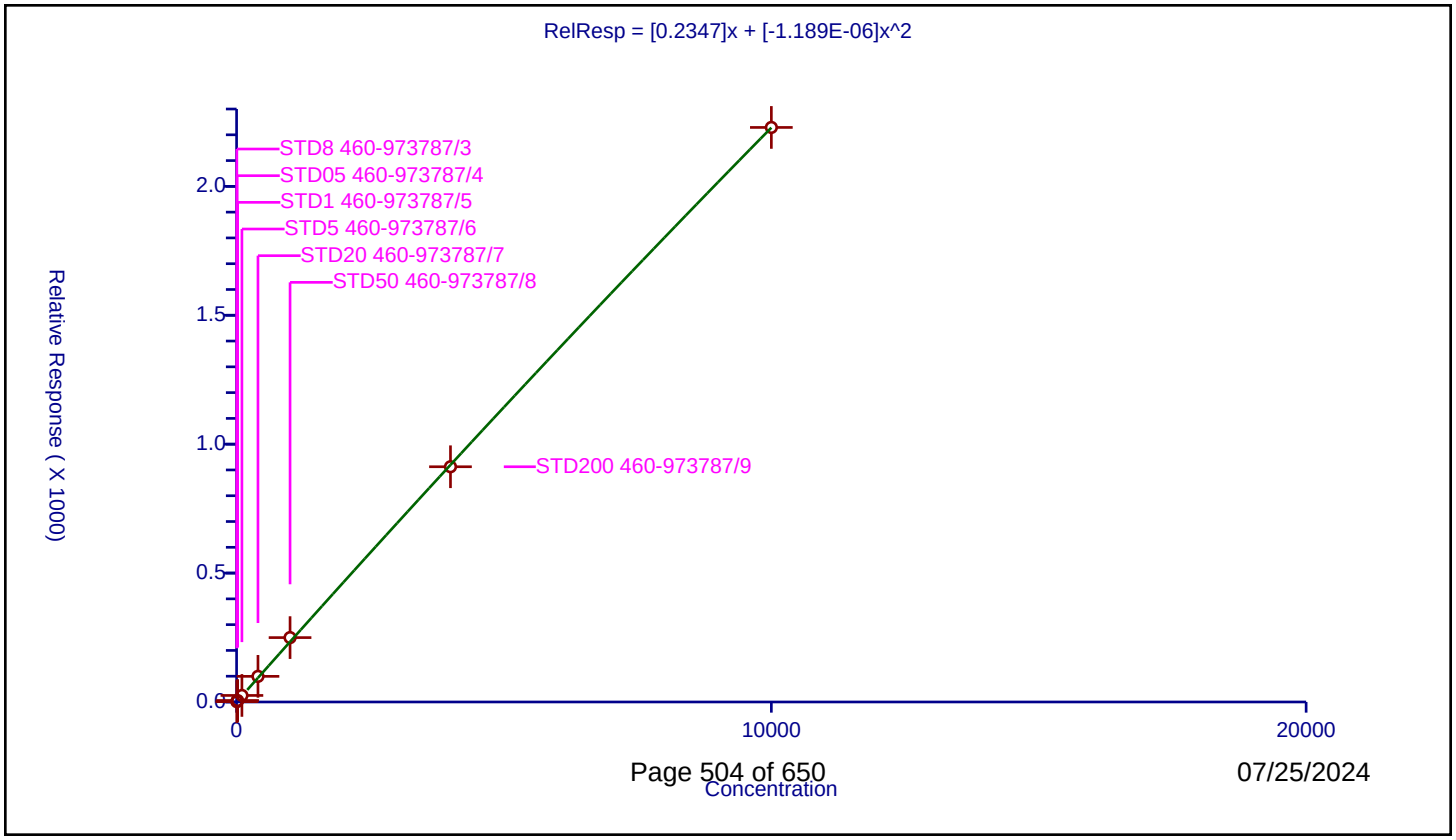
Curve Coefficients

Intercept:	0
Slope:	0.2347
Second Order:	-1.189E-06

Error Coefficients

Relative Standard Deviation:	30.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	5.000009	1.282353	250.0	174094.0	0.25647	Y
2	STD05 460-973787/4	10.000017	4.013639	250.0	158958.0	0.401363	Y
3	STD1 460-973787/5	20.000035	5.466616	250.0	177898.0	0.27333	Y
4	STD5 460-973787/6	100.000173	25.382631	250.0	181768.0	0.253826	Y
5	STD20 460-973787/7	400.000692	99.400802	250.0	180074.0	0.248502	Y
6	STD50 460-973787/8	1000.00173	249.726757	250.0	170178.0	0.249726	Y
7	STD200 460-973787/9	4000.00692	912.469696	250.0	168296.0	0.228117	Y
8	STD500 460-973787/10	10000.0173	2228.566682	250.0	188095.0	0.222856	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

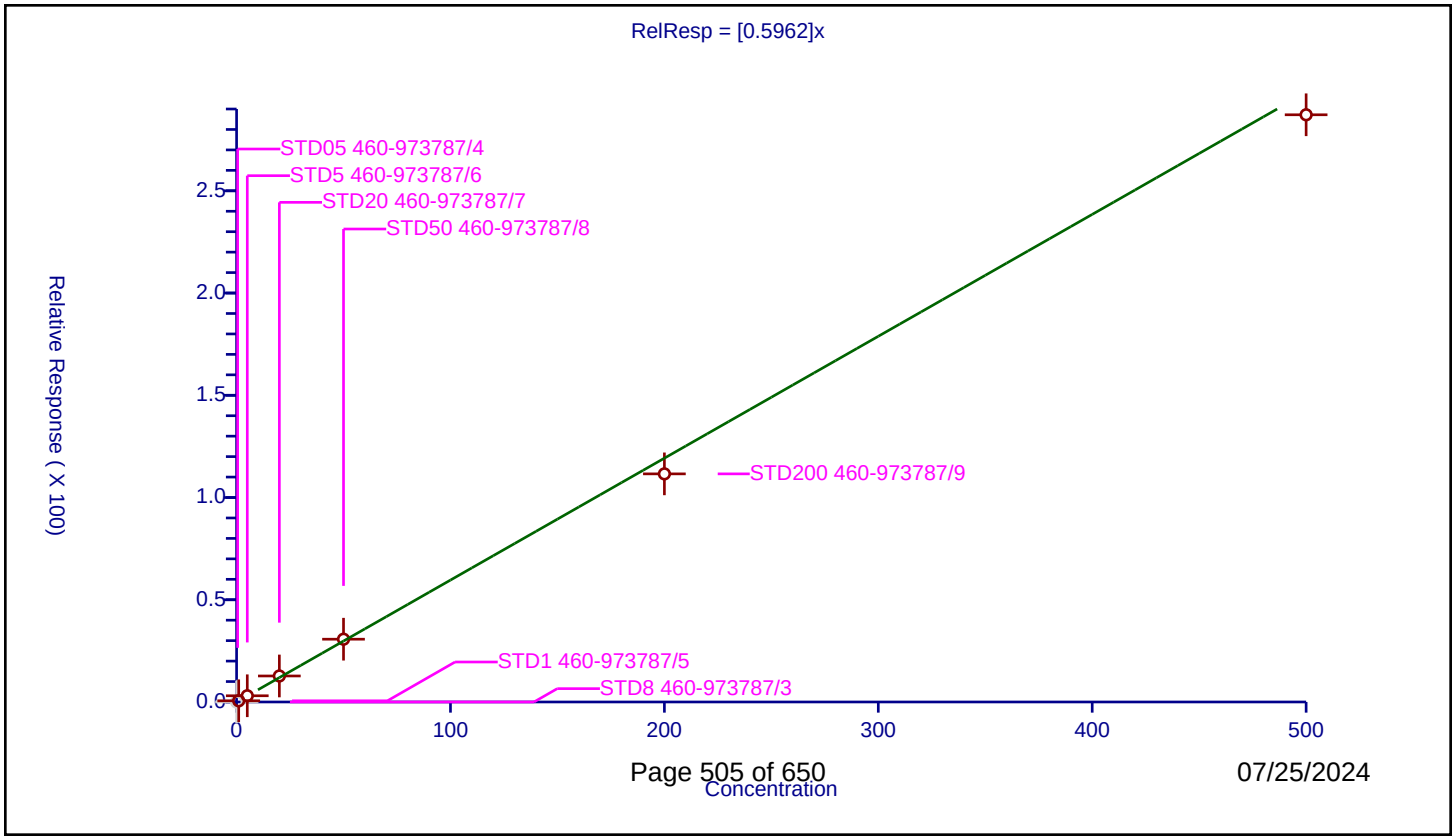
Curve Coefficients

Intercept:	0
Slope:	0.5962

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.407859	50.0	411294.0	0.815718	N
3	STD1 460-973787/5	1.0	0.584974	50.0	454294.0	0.584974	Y
4	STD5 460-973787/6	5.0	3.04766	50.0	430888.0	0.609532	Y
5	STD20 460-973787/7	20.0	12.723944	50.0	414333.0	0.636197	Y
6	STD50 460-973787/8	50.0	30.703514	50.0	429288.0	0.61407	Y
7	STD200 460-973787/9	200.0	111.558055	50.0	442250.0	0.55779	Y
8	STD500 460-973787/10	500.0	287.181096	50.0	457309.0	0.574362	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

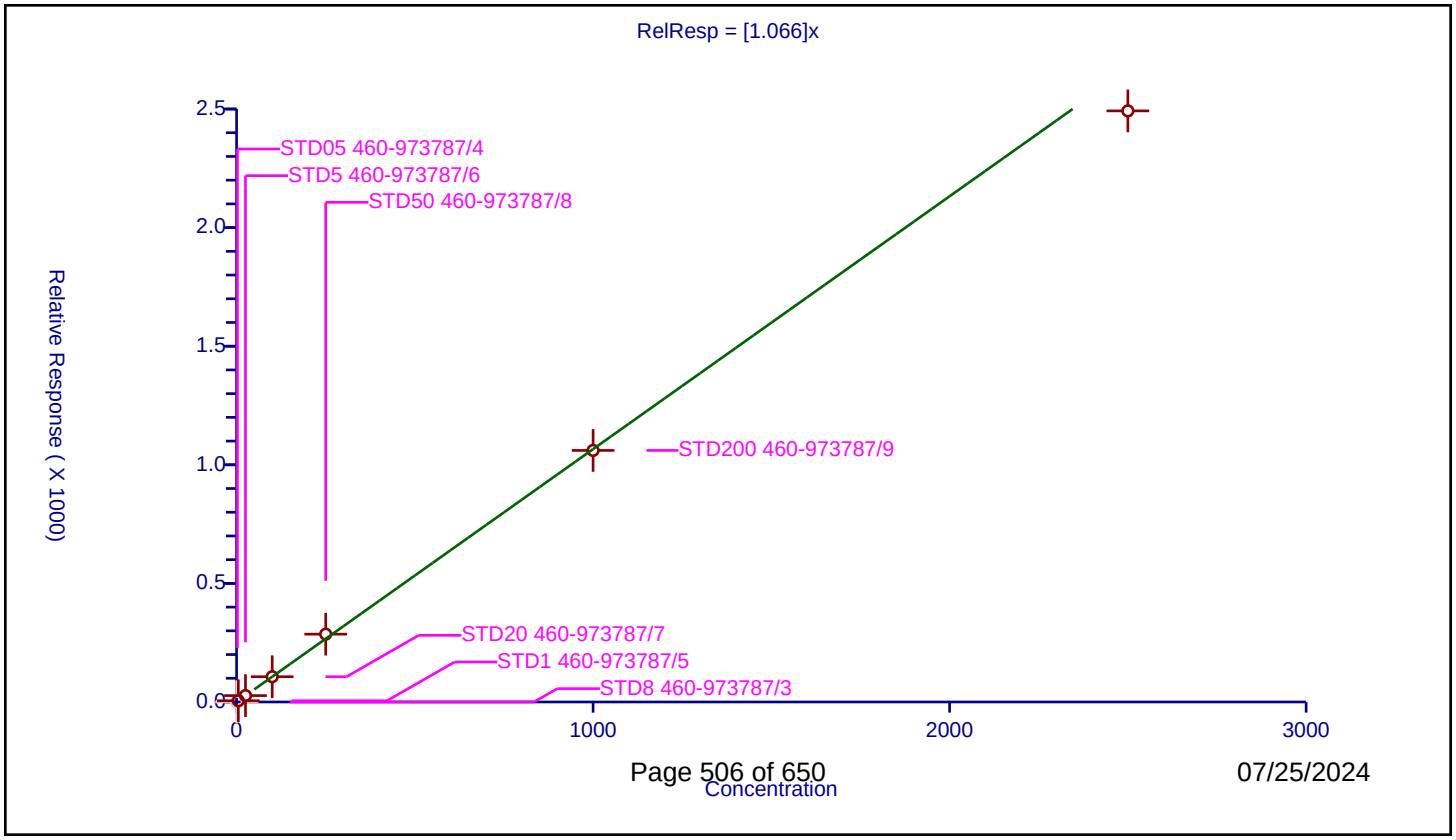
Curve Coefficients

Intercept:	0
Slope:	1.066

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	2.5	2.925301	250.0	158958.0	1.17012	N
3	STD1 460-973787/5	5.0	5.267063	250.0	177898.0	1.053413	Y
4	STD5 460-973787/6	25.0	26.905176	250.0	181768.0	1.076207	Y
5	STD20 460-973787/7	100.0	106.536757	250.0	180074.0	1.065368	Y
6	STD50 460-973787/8	250.0	285.965283	250.0	170178.0	1.143861	Y
7	STD200 460-973787/9	1000.0	1060.614928	250.0	168296.0	1.060615	Y
8	STD500 460-973787/10	2500.0	2492.109041	250.0	188095.0	0.996844	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

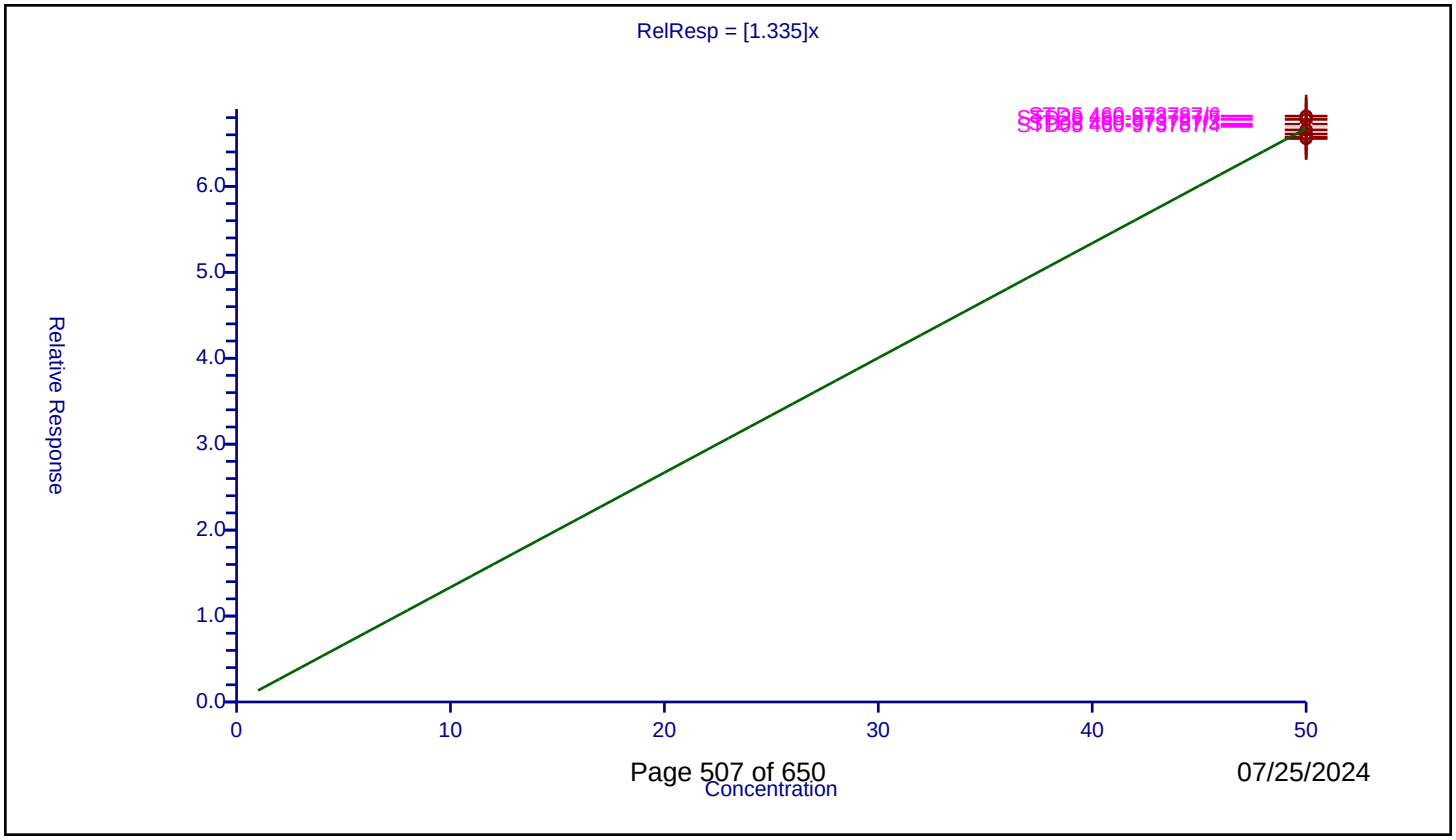
Curve Coefficients

Intercept:	0
Slope:	1.335

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	50.0	67.232163	50.0	434751.0	1.344643	Y
2	STD05 460-973787/4	50.0	66.975813	50.0	411294.0	1.339516	N
3	STD1 460-973787/5	50.0	66.570767	50.0	454294.0	1.331415	Y
4	STD5 460-973787/6	50.0	68.169919	50.0	430888.0	1.363398	Y
5	STD20 460-973787/7	50.0	67.789676	50.0	414333.0	1.355794	Y
6	STD50 460-973787/8	50.0	66.090597	50.0	429288.0	1.321812	Y
7	STD200 460-973787/9	50.0	65.708084	50.0	442250.0	1.314162	Y
8	STD500 460-973787/10	50.0	65.564968	50.0	457309.0	1.311299	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

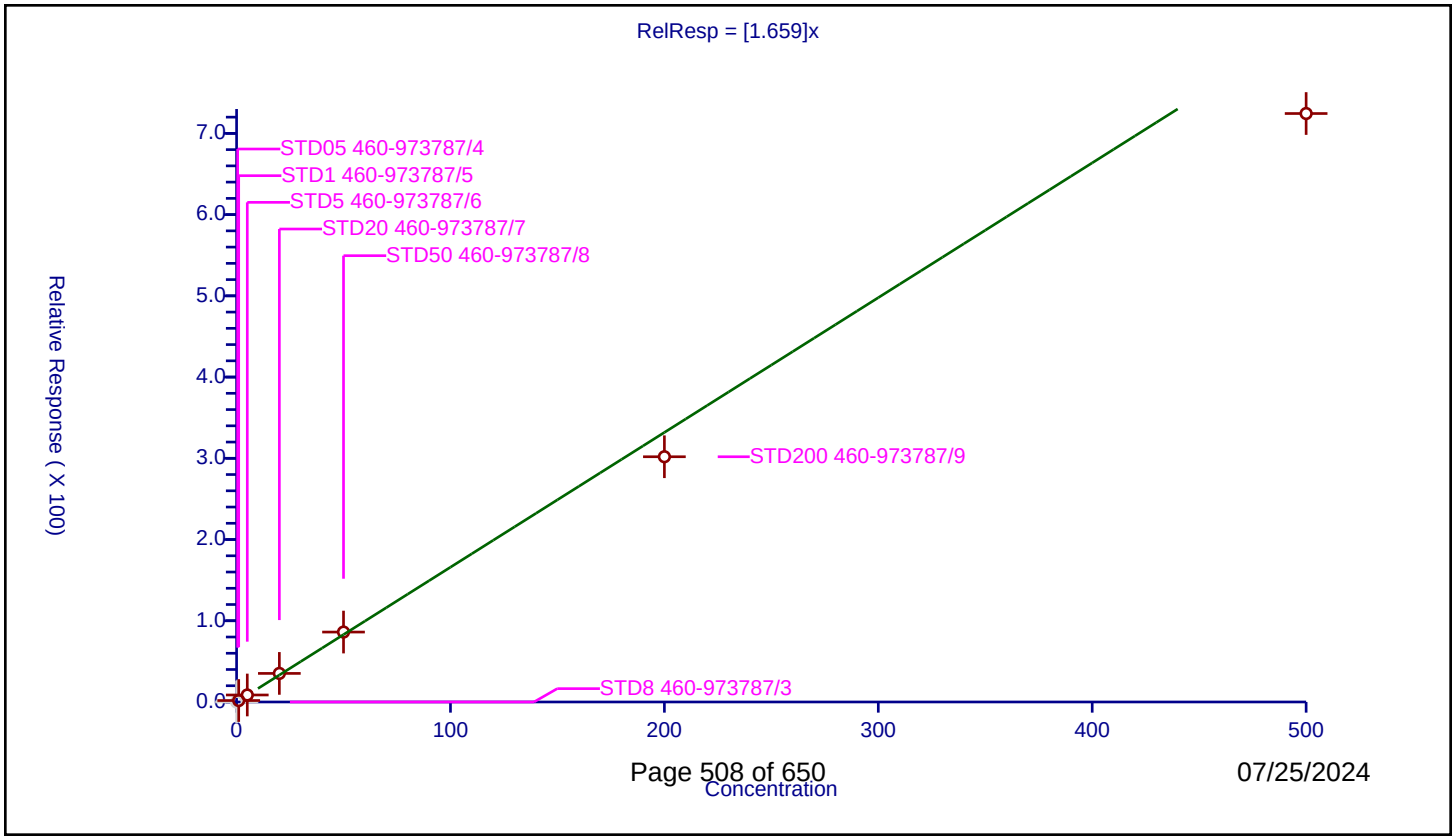
Curve Coefficients

Intercept:	0
Slope:	1.659

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	1.23075	50.0	411294.0	2.4615	N
3	STD1 460-973787/5	1.0	1.795863	50.0	454294.0	1.795863	Y
4	STD5 460-973787/6	5.0	8.602467	50.0	430888.0	1.720493	Y
5	STD20 460-973787/7	20.0	35.179312	50.0	414333.0	1.758966	Y
6	STD50 460-973787/8	50.0	86.081255	50.0	429288.0	1.721625	Y
7	STD200 460-973787/9	200.0	301.911928	50.0	442250.0	1.50956	Y
8	STD500 460-973787/10	500.0	724.455237	50.0	457309.0	1.44891	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

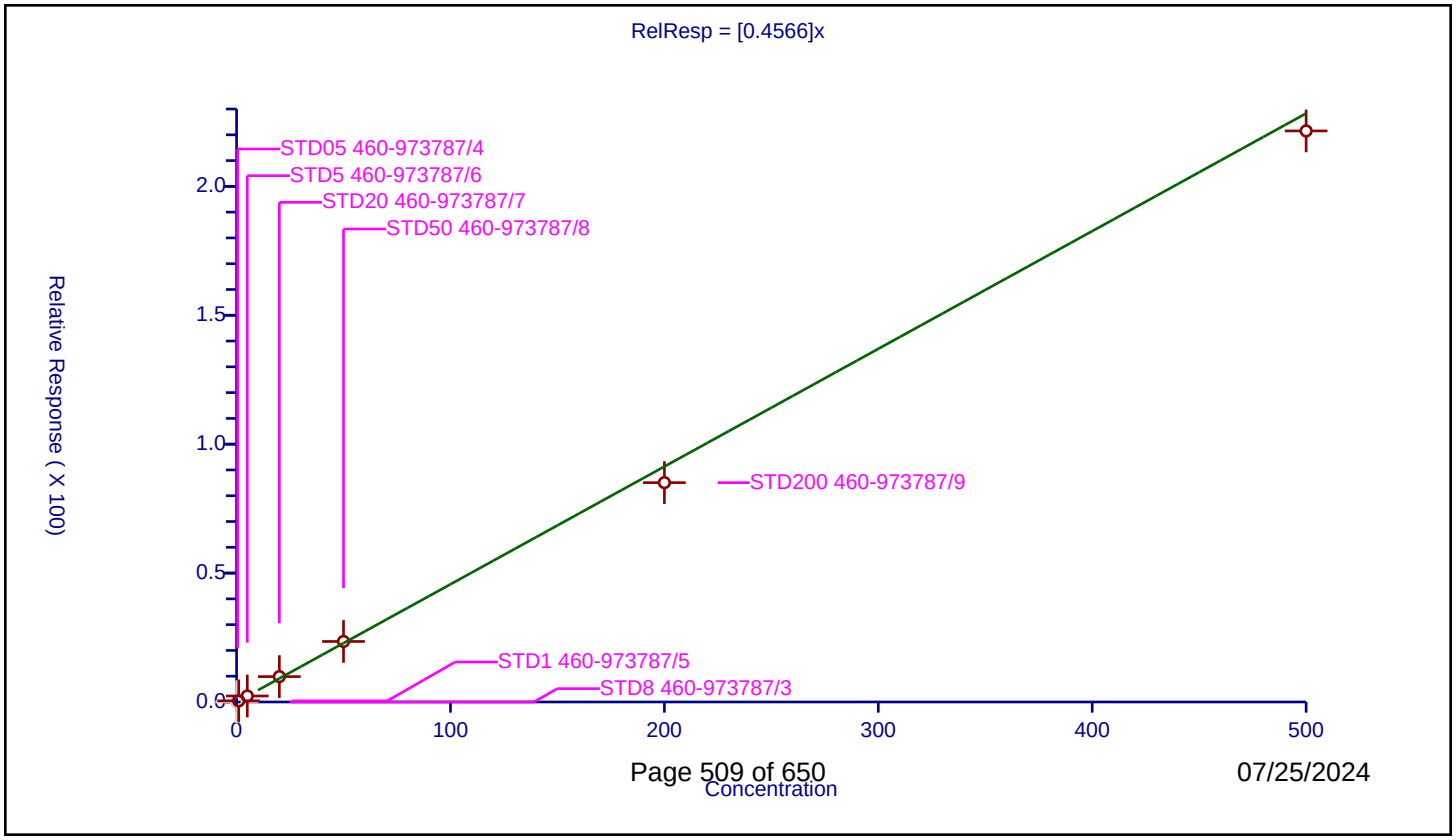
Curve Coefficients

Intercept:	0
Slope:	0.4566

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.292735	50.0	411294.0	0.585469	N
3	STD1 460-973787/5	1.0	0.442885	50.0	454294.0	0.442885	Y
4	STD5 460-973787/6	5.0	2.332973	50.0	430888.0	0.466595	Y
5	STD20 460-973787/7	20.0	9.844738	50.0	414333.0	0.492237	Y
6	STD50 460-973787/8	50.0	23.473053	50.0	429288.0	0.469461	Y
7	STD200 460-973787/9	200.0	85.078689	50.0	442250.0	0.425393	Y
8	STD500 460-973787/10	500.0	221.499686	50.0	457309.0	0.442999	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

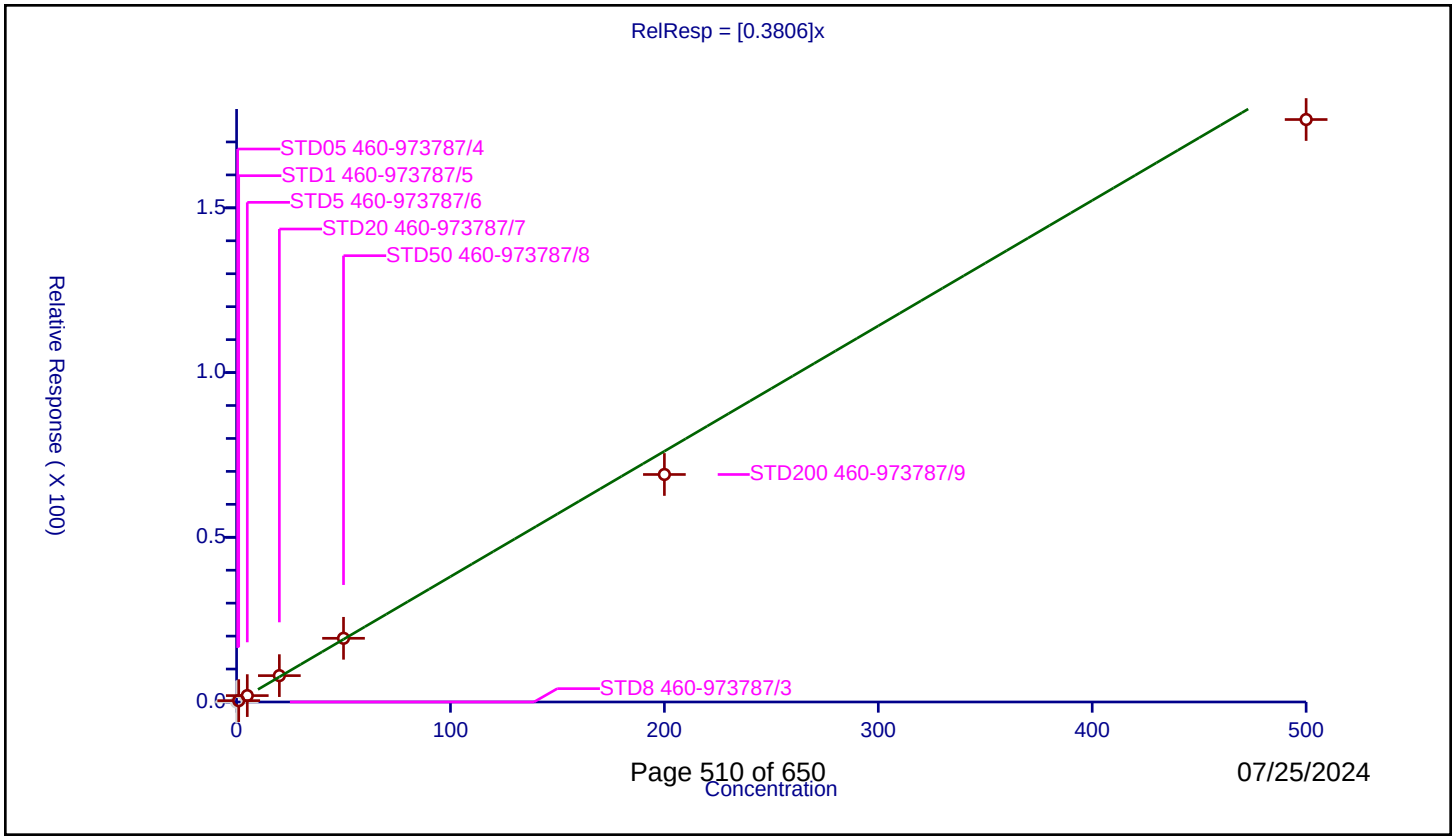
Curve Coefficients

Intercept:	0
Slope:	0.3806

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.233896	50.0	411294.0	0.467792	N
3	STD1 460-973787/5	1.0	0.410527	50.0	454294.0	0.410527	Y
4	STD5 460-973787/6	5.0	1.937394	50.0	430888.0	0.387479	Y
5	STD20 460-973787/7	20.0	8.000208	50.0	414333.0	0.40001	Y
6	STD50 460-973787/8	50.0	19.334573	50.0	429288.0	0.386691	Y
7	STD200 460-973787/9	200.0	69.063426	50.0	442250.0	0.345317	Y
8	STD500 460-973787/10	500.0	176.809444	50.0	457309.0	0.353619	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

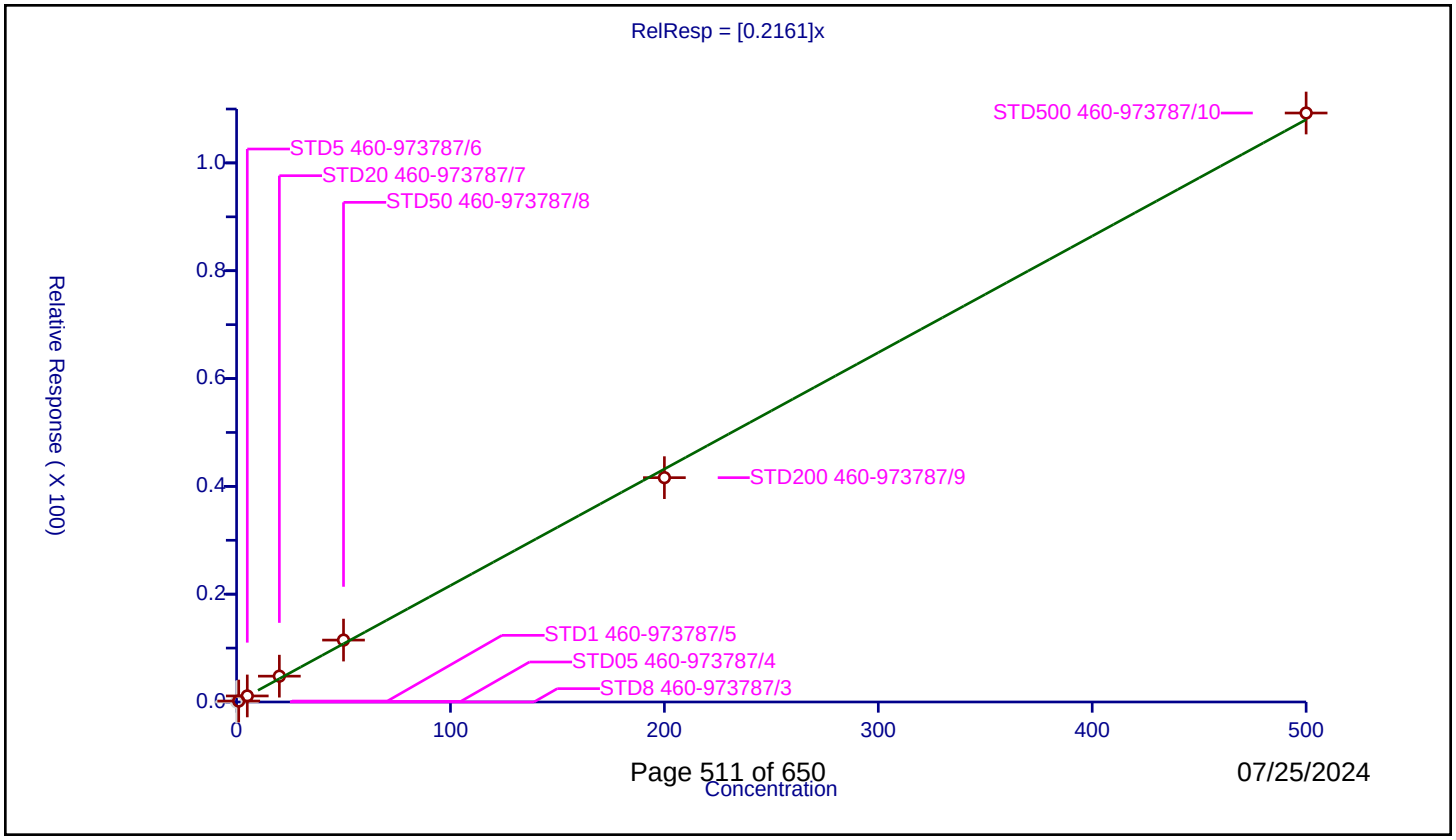
Curve Coefficients

Intercept:	0
Slope:	0.2161

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.104062	50.0	411294.0	0.208124	N
3	STD1 460-973787/5	1.0	0.176207	50.0	454294.0	0.176207	Y
4	STD5 460-973787/6	5.0	1.122333	50.0	430888.0	0.224467	Y
5	STD20 460-973787/7	20.0	4.789867	50.0	414333.0	0.239493	Y
6	STD50 460-973787/8	50.0	11.482618	50.0	429288.0	0.229652	Y
7	STD200 460-973787/9	200.0	41.617524	50.0	442250.0	0.208088	Y
8	STD500 460-973787/10	500.0	109.258291	50.0	457309.0	0.218517	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

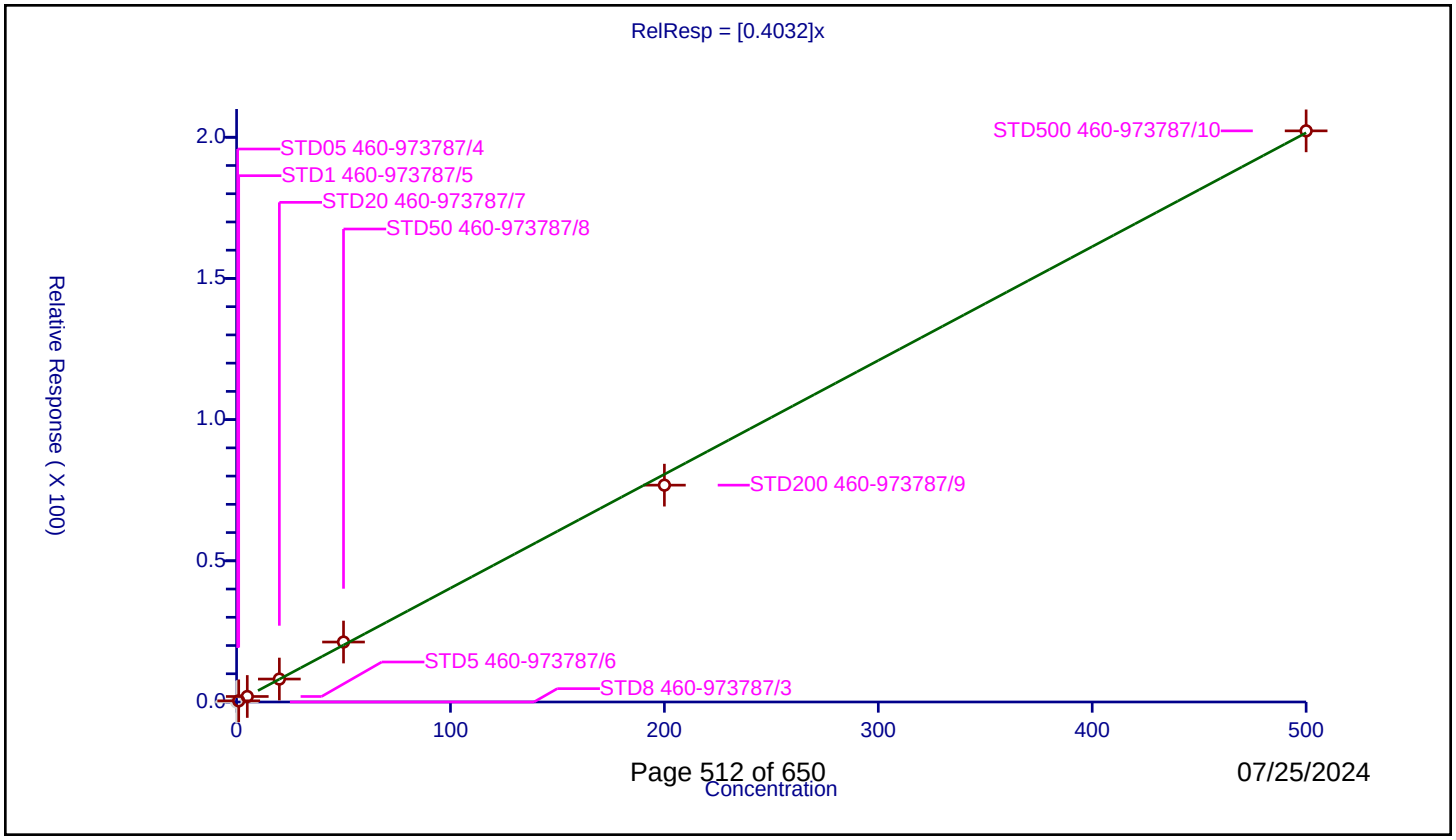
Curve Coefficients

Intercept:	0
Slope:	0.4032

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.251766	50.0	411294.0	0.503533	N
3	STD1 460-973787/5	1.0	0.408876	50.0	454294.0	0.408876	Y
4	STD5 460-973787/6	5.0	1.95422	50.0	430888.0	0.390844	Y
5	STD20 460-973787/7	20.0	8.121728	50.0	414333.0	0.406086	Y
6	STD50 460-973787/8	50.0	21.232832	50.0	429288.0	0.424657	Y
7	STD200 460-973787/9	200.0	76.797174	50.0	442250.0	0.383986	Y
8	STD500 460-973787/10	500.0	202.267395	50.0	457309.0	0.404535	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

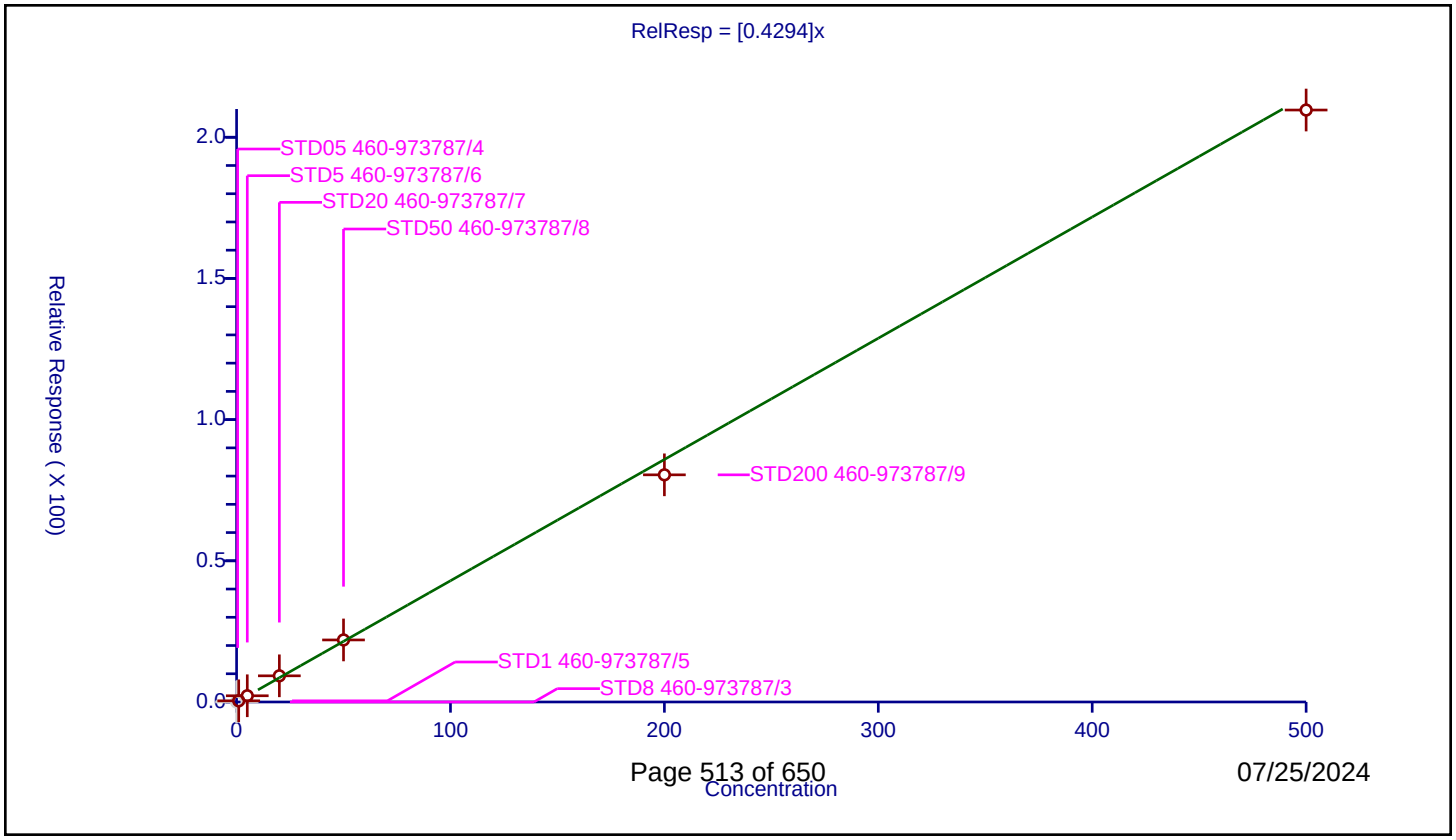
Curve Coefficients

Intercept:	0
Slope:	0.4294

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.280456	50.0	411294.0	0.560913	N
3	STD1 460-973787/5	1.0	0.411848	50.0	454294.0	0.411848	Y
4	STD5 460-973787/6	5.0	2.201384	50.0	430888.0	0.440277	Y
5	STD20 460-973787/7	20.0	9.265736	50.0	414333.0	0.463287	Y
6	STD50 460-973787/8	50.0	21.972895	50.0	429288.0	0.439458	Y
7	STD200 460-973787/9	200.0	80.444771	50.0	442250.0	0.402224	Y
8	STD500 460-973787/10	500.0	209.637685	50.0	457309.0	0.419275	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

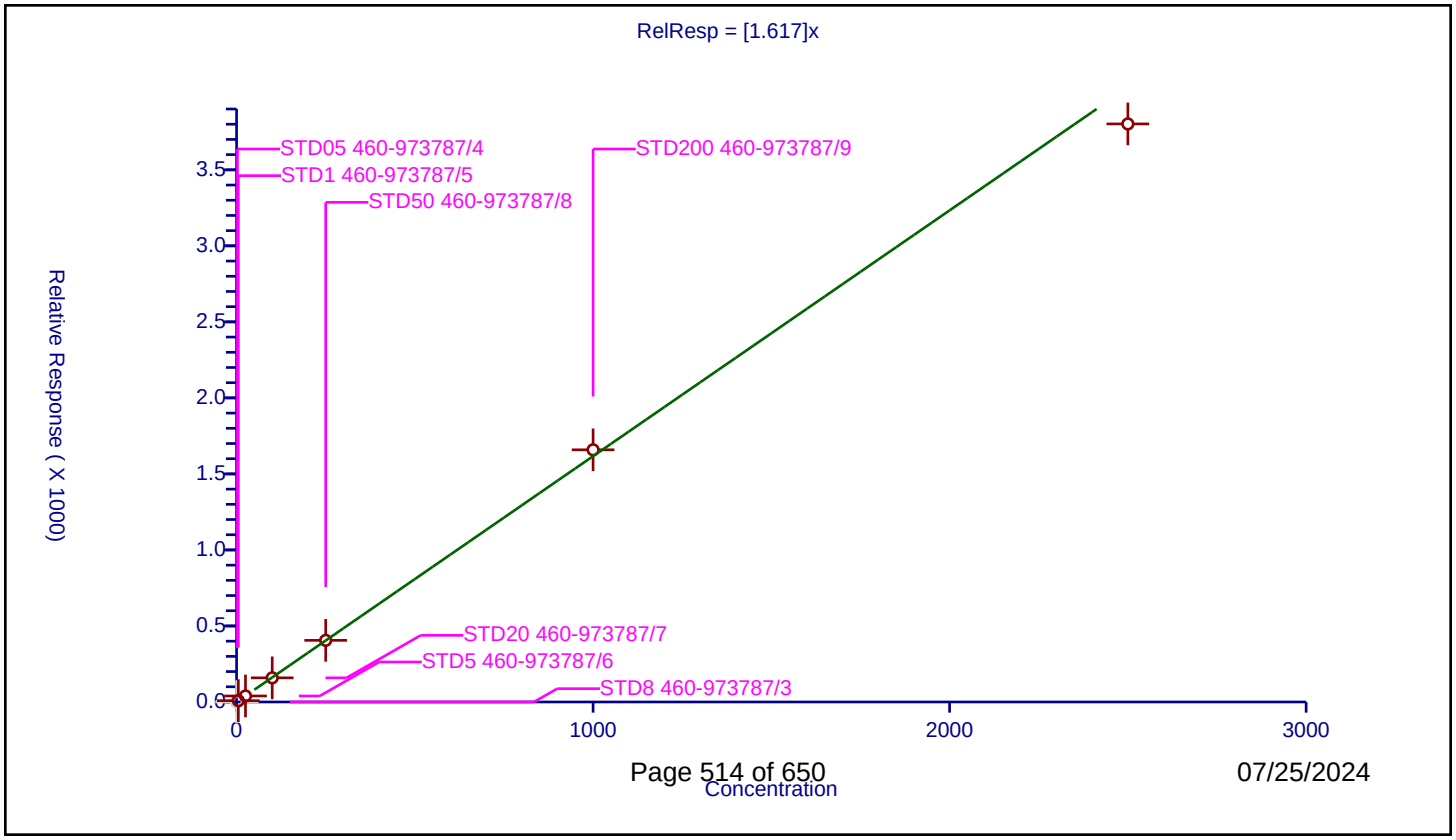
Curve Coefficients

Intercept:	0
Slope:	1.617

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	250.0	174094.0	NaN	N
2	STD05 460-973787/4	2.5	4.175631	250.0	158958.0	1.670253	N
3	STD1 460-973787/5	5.0	8.629945	250.0	177898.0	1.725989	Y
4	STD5 460-973787/6	25.0	39.62056	250.0	181768.0	1.584822	Y
5	STD20 460-973787/7	100.0	158.80277	250.0	180074.0	1.588028	Y
6	STD50 460-973787/8	250.0	405.479851	250.0	170178.0	1.621919	Y
7	STD200 460-973787/9	1000.0	1658.61191	250.0	168296.0	1.658612	Y
8	STD500 460-973787/10	2500.0	3801.947154	250.0	188095.0	1.520779	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

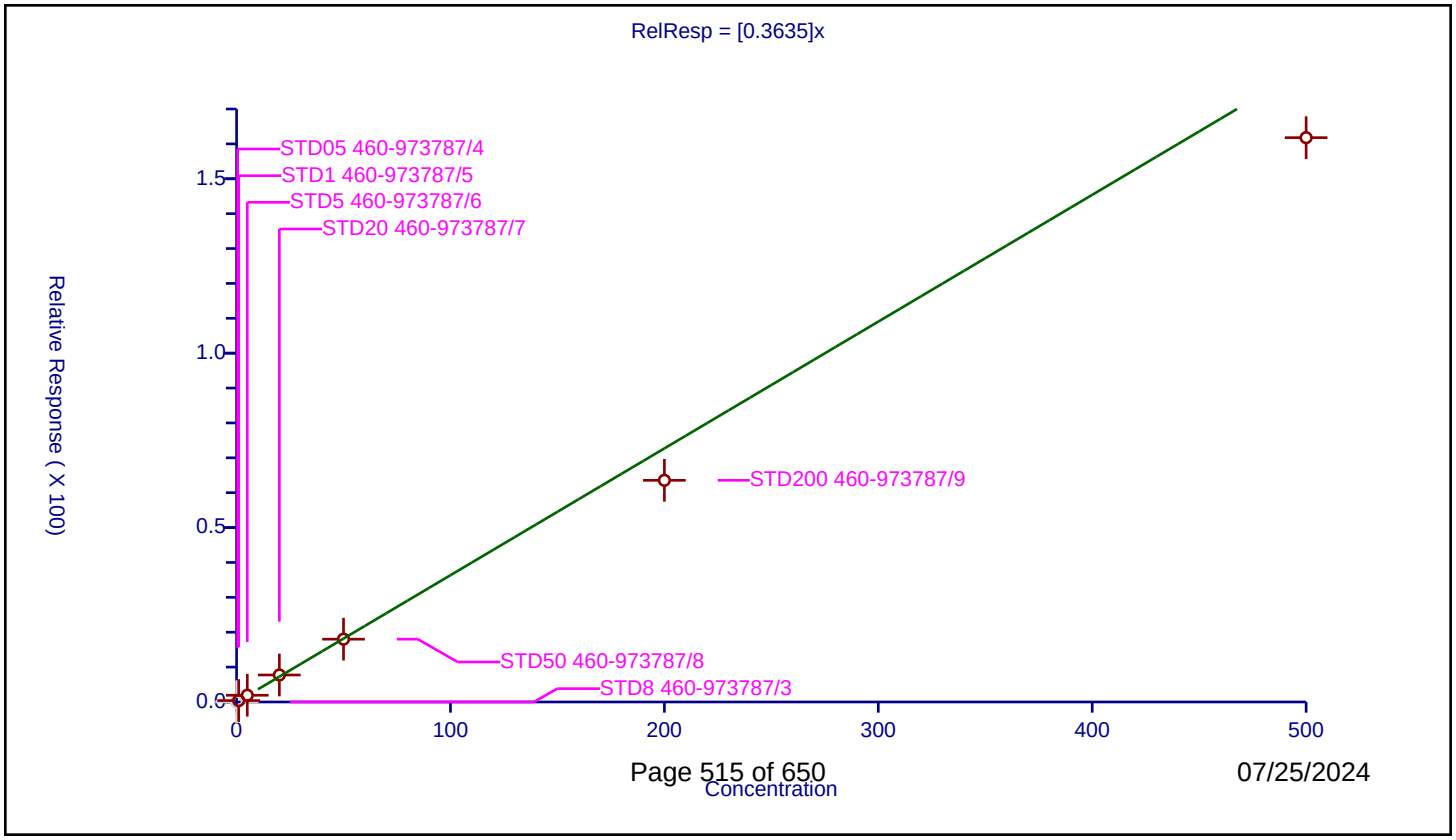
Curve Coefficients

Intercept:	0
Slope:	0.3635

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.205084	50.0	411294.0	0.410169	N
3	STD1 460-973787/5	1.0	0.406345	50.0	454294.0	0.406345	Y
4	STD5 460-973787/6	5.0	1.930084	50.0	430888.0	0.386017	Y
5	STD20 460-973787/7	20.0	7.740996	50.0	414333.0	0.38705	Y
6	STD50 460-973787/8	50.0	18.00854	50.0	429288.0	0.360171	Y
7	STD200 460-973787/9	200.0	63.550707	50.0	442250.0	0.317754	Y
8	STD500 460-973787/10	500.0	161.788747	50.0	457309.0	0.323577	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

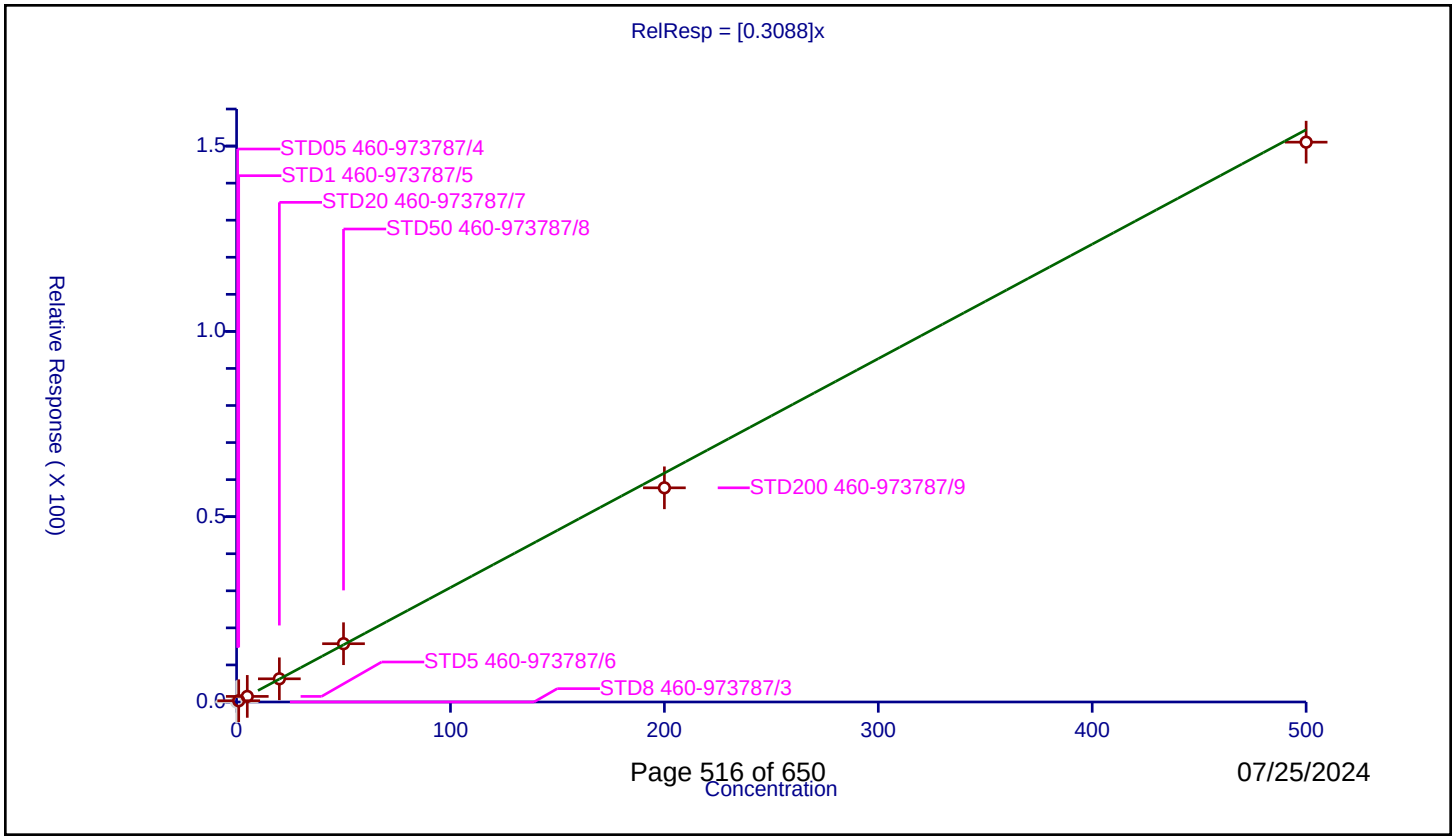
Curve Coefficients

Intercept:	0
Slope:	0.3088

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.216026	50.0	411294.0	0.432051	N
3	STD1 460-973787/5	1.0	0.332274	50.0	454294.0	0.332274	Y
4	STD5 460-973787/6	5.0	1.510485	50.0	430888.0	0.302097	Y
5	STD20 460-973787/7	20.0	6.258855	50.0	414333.0	0.312943	Y
6	STD50 460-973787/8	50.0	15.728136	50.0	429288.0	0.314563	Y
7	STD200 460-973787/9	200.0	57.787337	50.0	442250.0	0.288937	Y
8	STD500 460-973787/10	500.0	151.055085	50.0	457309.0	0.30211	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

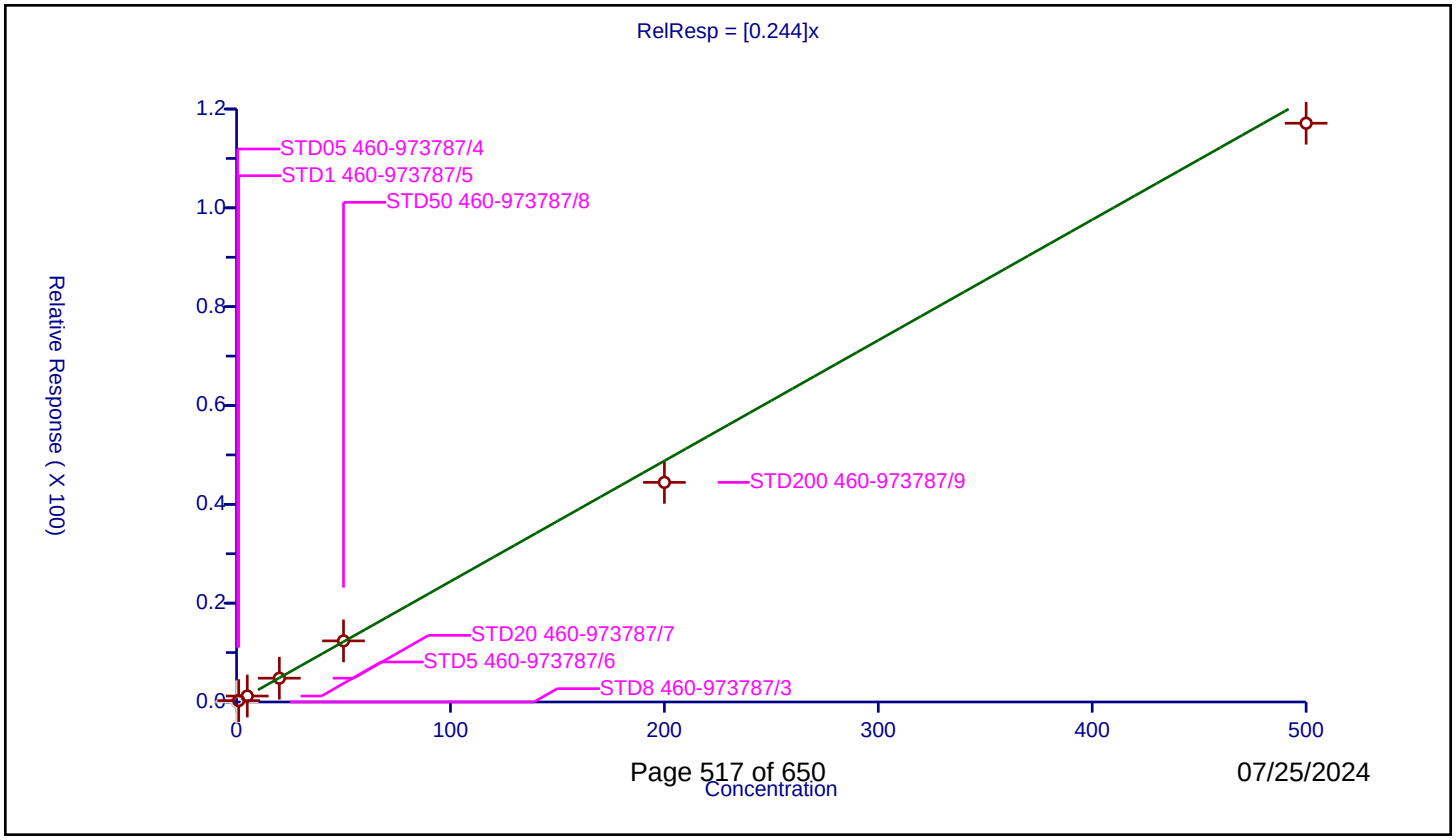
Curve Coefficients

Intercept:	0
Slope:	0.244

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.142112	50.0	411294.0	0.284225	N
3	STD1 460-973787/5	1.0	0.278344	50.0	454294.0	0.278344	Y
4	STD5 460-973787/6	5.0	1.205418	50.0	430888.0	0.241084	Y
5	STD20 460-973787/7	20.0	4.814002	50.0	414333.0	0.2407	Y
6	STD50 460-973787/8	50.0	12.36431	50.0	429288.0	0.247286	Y
7	STD200 460-973787/9	200.0	44.44511	50.0	442250.0	0.222226	Y
8	STD500 460-973787/10	500.0	117.125401	50.0	457309.0	0.234251	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

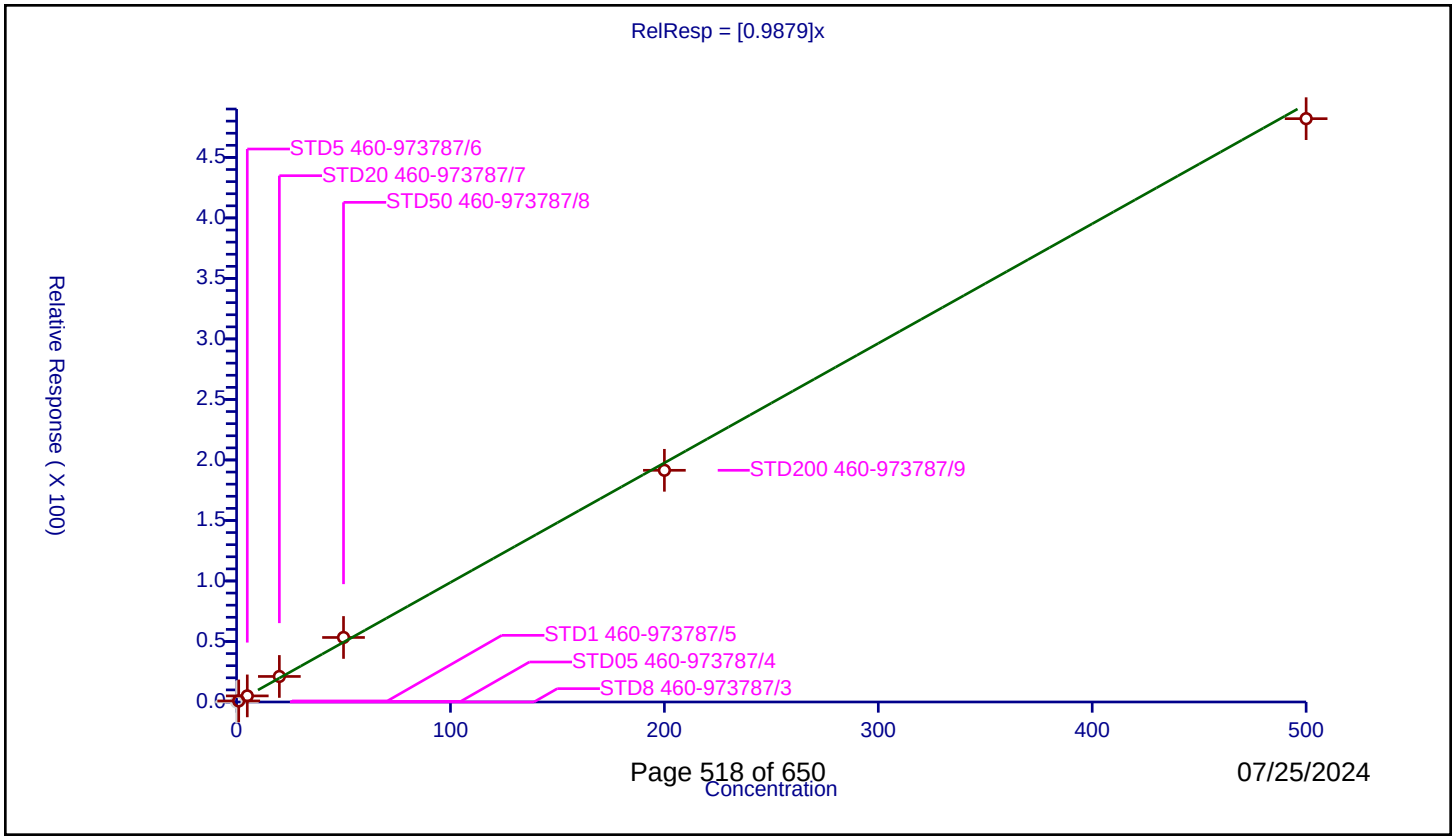
Curve Coefficients

Intercept:	0
Slope:	0.9879

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.493078	50.0	411294.0	0.986156	N
3	STD1 460-973787/5	1.0	0.879497	50.0	454294.0	0.879497	Y
4	STD5 460-973787/6	5.0	5.026364	50.0	430888.0	1.005273	Y
5	STD20 460-973787/7	20.0	21.10404	50.0	414333.0	1.055202	Y
6	STD50 460-973787/8	50.0	53.307453	50.0	429288.0	1.066149	Y
7	STD200 460-973787/9	200.0	191.465348	50.0	442250.0	0.957327	Y
8	STD500 460-973787/10	500.0	482.029984	50.0	457309.0	0.96406	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

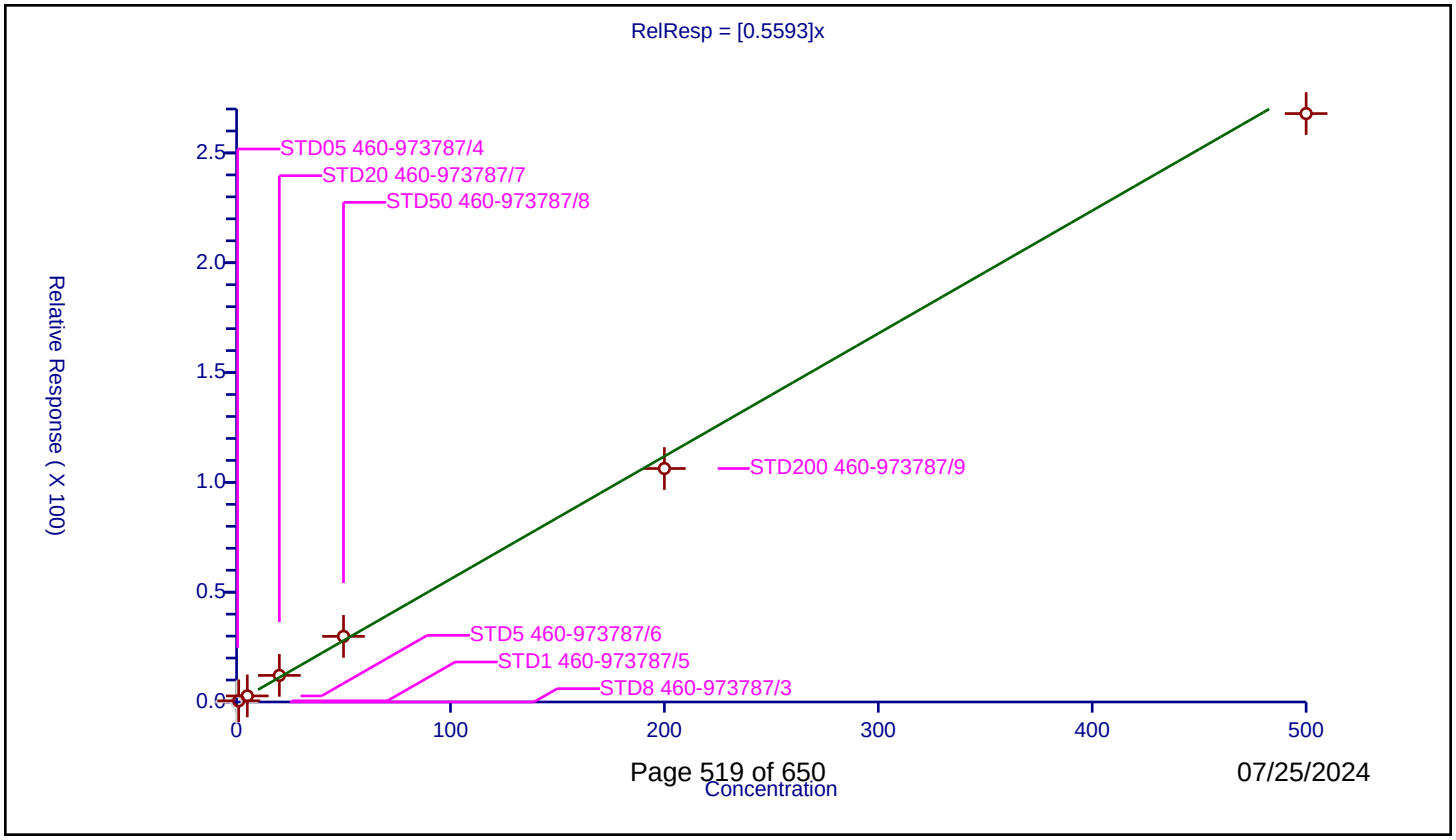
Curve Coefficients

Intercept:	0
Slope:	0.5593

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.426216	50.0	411294.0	0.852432	N
3	STD1 460-973787/5	1.0	0.534015	50.0	454294.0	0.534015	Y
4	STD5 460-973787/6	5.0	2.757213	50.0	430888.0	0.551443	Y
5	STD20 460-973787/7	20.0	12.106446	50.0	414333.0	0.605322	Y
6	STD50 460-973787/8	50.0	29.878892	50.0	429288.0	0.597578	Y
7	STD200 460-973787/9	200.0	106.308988	50.0	442250.0	0.531545	Y
8	STD500 460-973787/10	500.0	267.927594	50.0	457309.0	0.535855	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

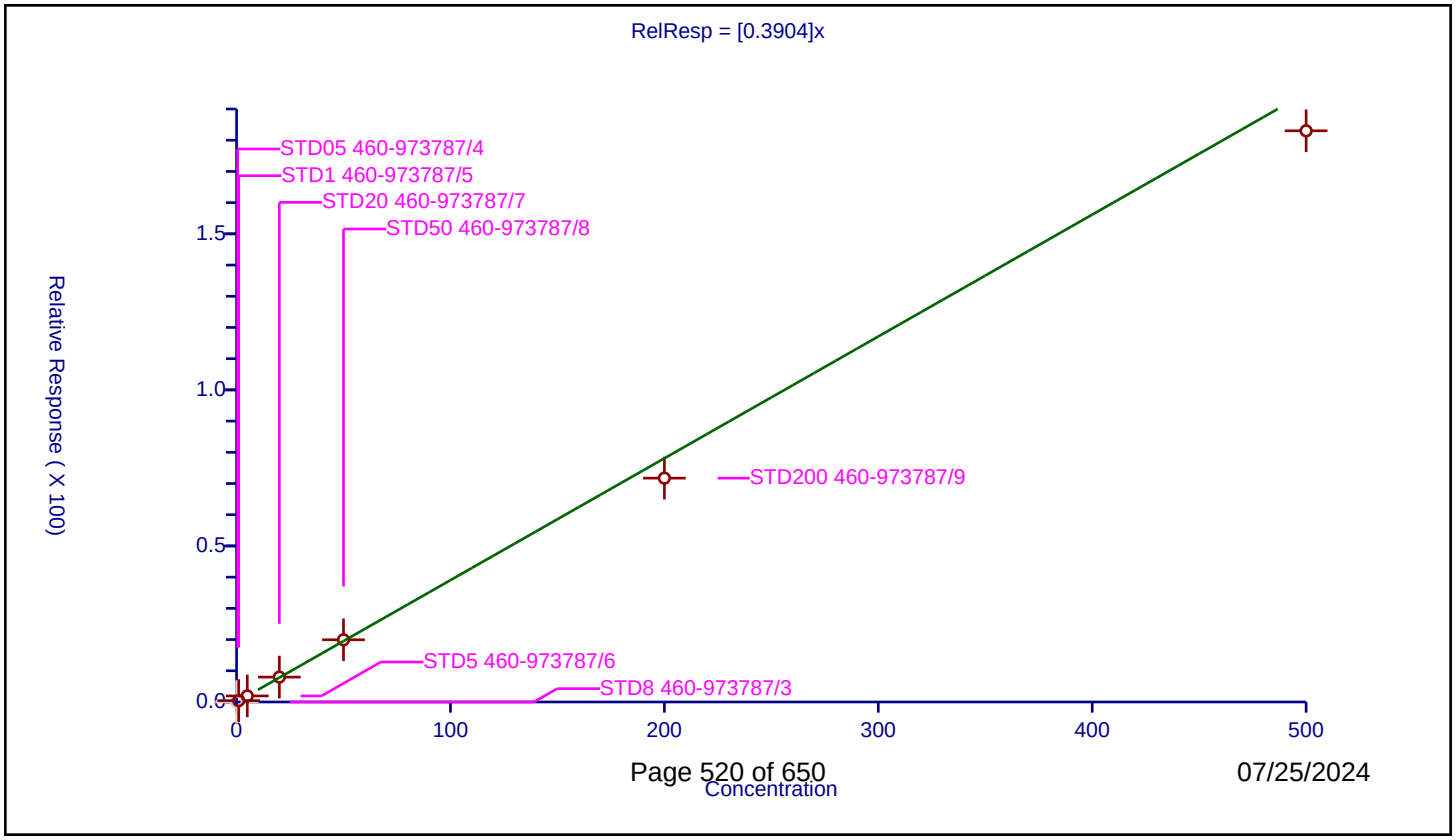
Curve Coefficients

Intercept:	0
Slope:	0.3904

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.244715	50.0	411294.0	0.489431	N
3	STD1 460-973787/5	1.0	0.431989	50.0	454294.0	0.431989	Y
4	STD5 460-973787/6	5.0	1.940644	50.0	430888.0	0.388129	Y
5	STD20 460-973787/7	20.0	7.979572	50.0	414333.0	0.398979	Y
6	STD50 460-973787/8	50.0	19.926716	50.0	429288.0	0.398534	Y
7	STD200 460-973787/9	200.0	71.723912	50.0	442250.0	0.35862	Y
8	STD500 460-973787/10	500.0	183.0175	50.0	457309.0	0.366035	Y



07/25/2024

Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

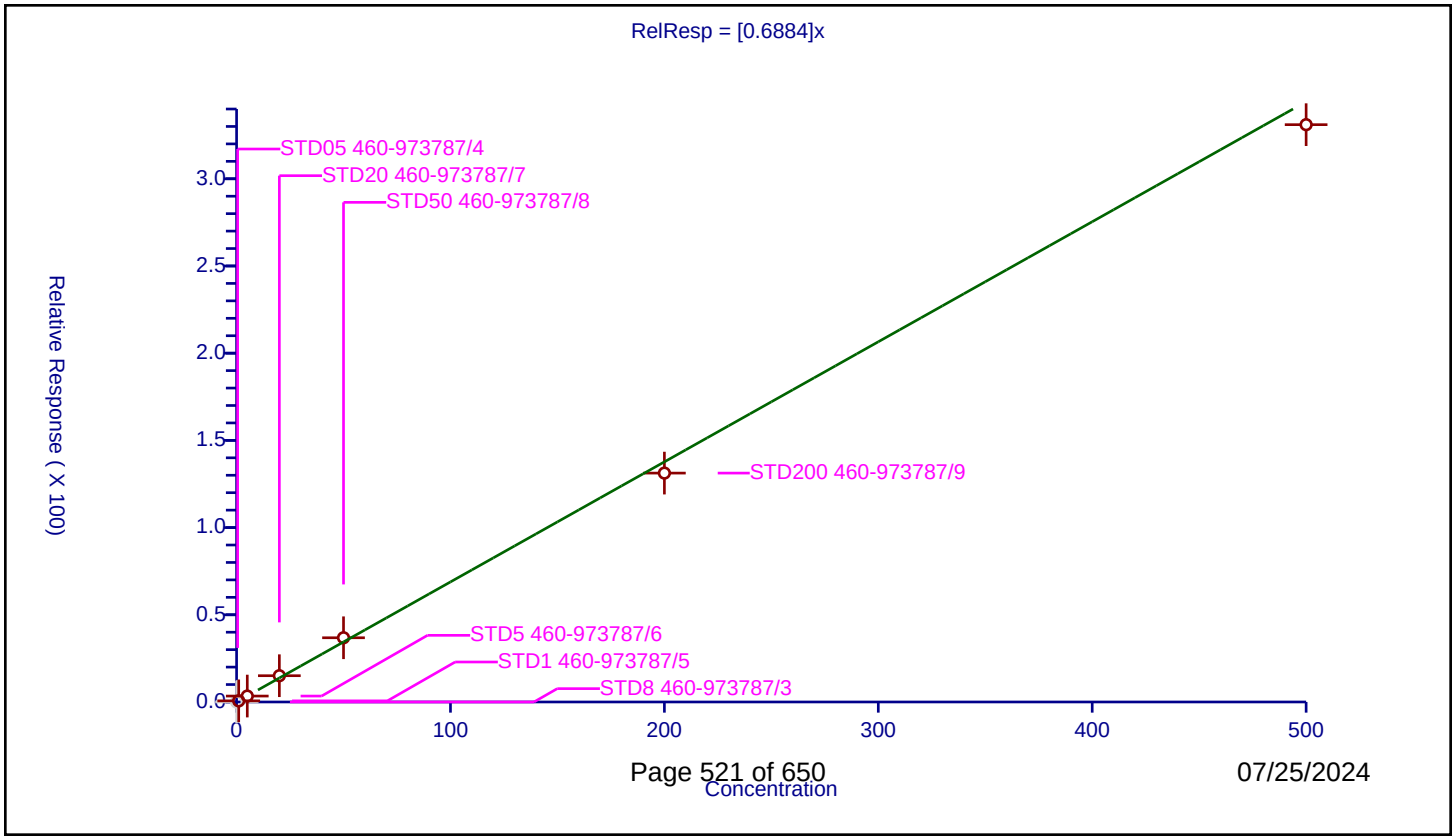
Curve Coefficients

Intercept:	0
Slope:	0.6884

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.414545	50.0	411294.0	0.829091	N
3	STD1 460-973787/5	1.0	0.643306	50.0	454294.0	0.643306	Y
4	STD5 460-973787/6	5.0	3.395082	50.0	430888.0	0.679016	Y
5	STD20 460-973787/7	20.0	15.066504	50.0	414333.0	0.753325	Y
6	STD50 460-973787/8	50.0	36.831917	50.0	429288.0	0.736638	Y
7	STD200 460-973787/9	200.0	131.246354	50.0	442250.0	0.656232	Y
8	STD500 460-973787/10	500.0	331.024646	50.0	457309.0	0.662049	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

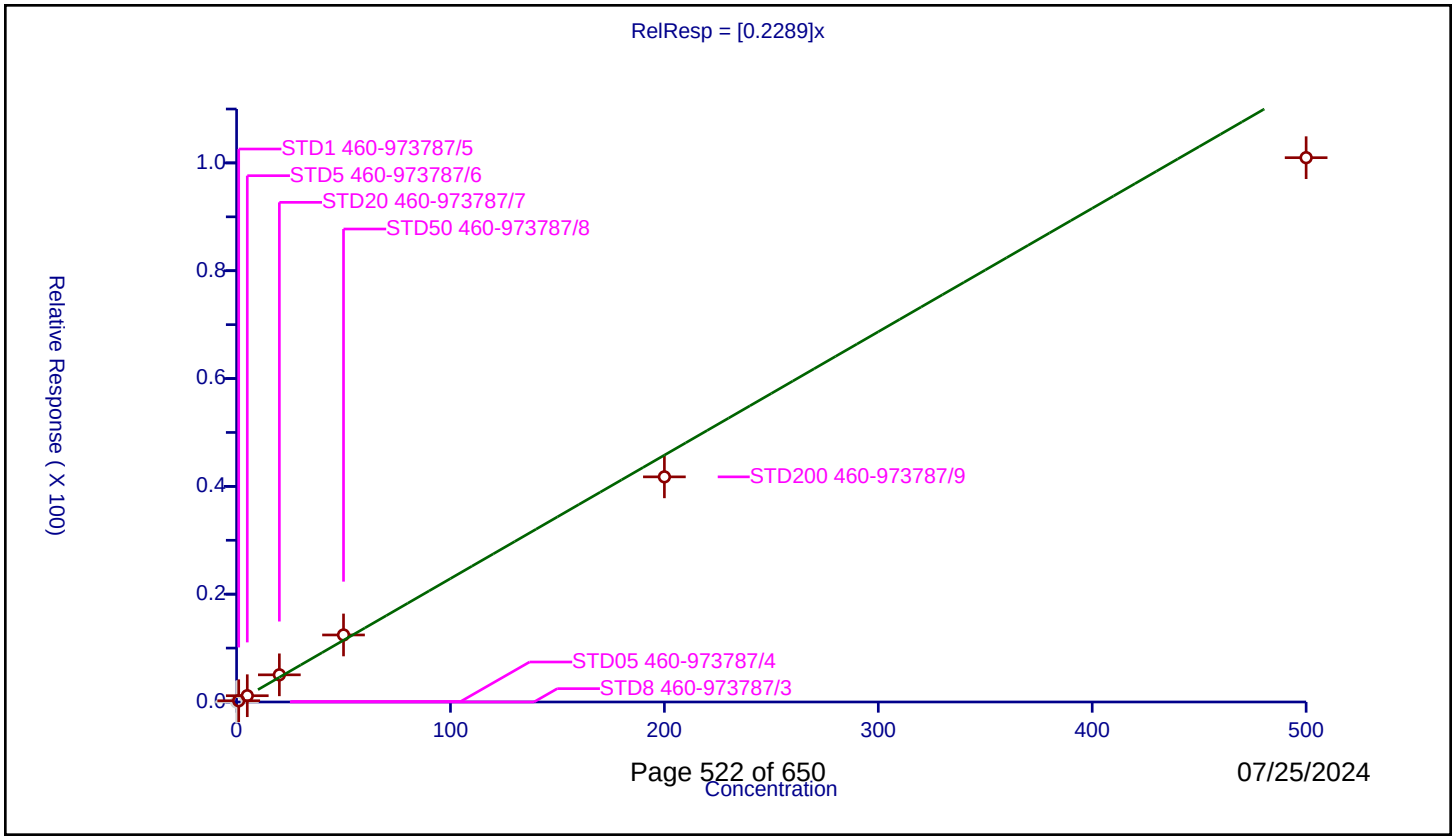
Curve Coefficients

Intercept:	0
Slope:	0.2289

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.095066	50.0	411294.0	0.190132	N
3	STD1 460-973787/5	1.0	0.229257	50.0	454294.0	0.229257	Y
4	STD5 460-973787/6	5.0	1.16492	50.0	430888.0	0.232984	Y
5	STD20 460-973787/7	20.0	5.039787	50.0	414333.0	0.251989	Y
6	STD50 460-973787/8	50.0	12.43594	50.0	429288.0	0.248719	Y
7	STD200 460-973787/9	200.0	41.762012	50.0	442250.0	0.20881	Y
8	STD500 460-973787/10	500.0	100.969804	50.0	457309.0	0.20194	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

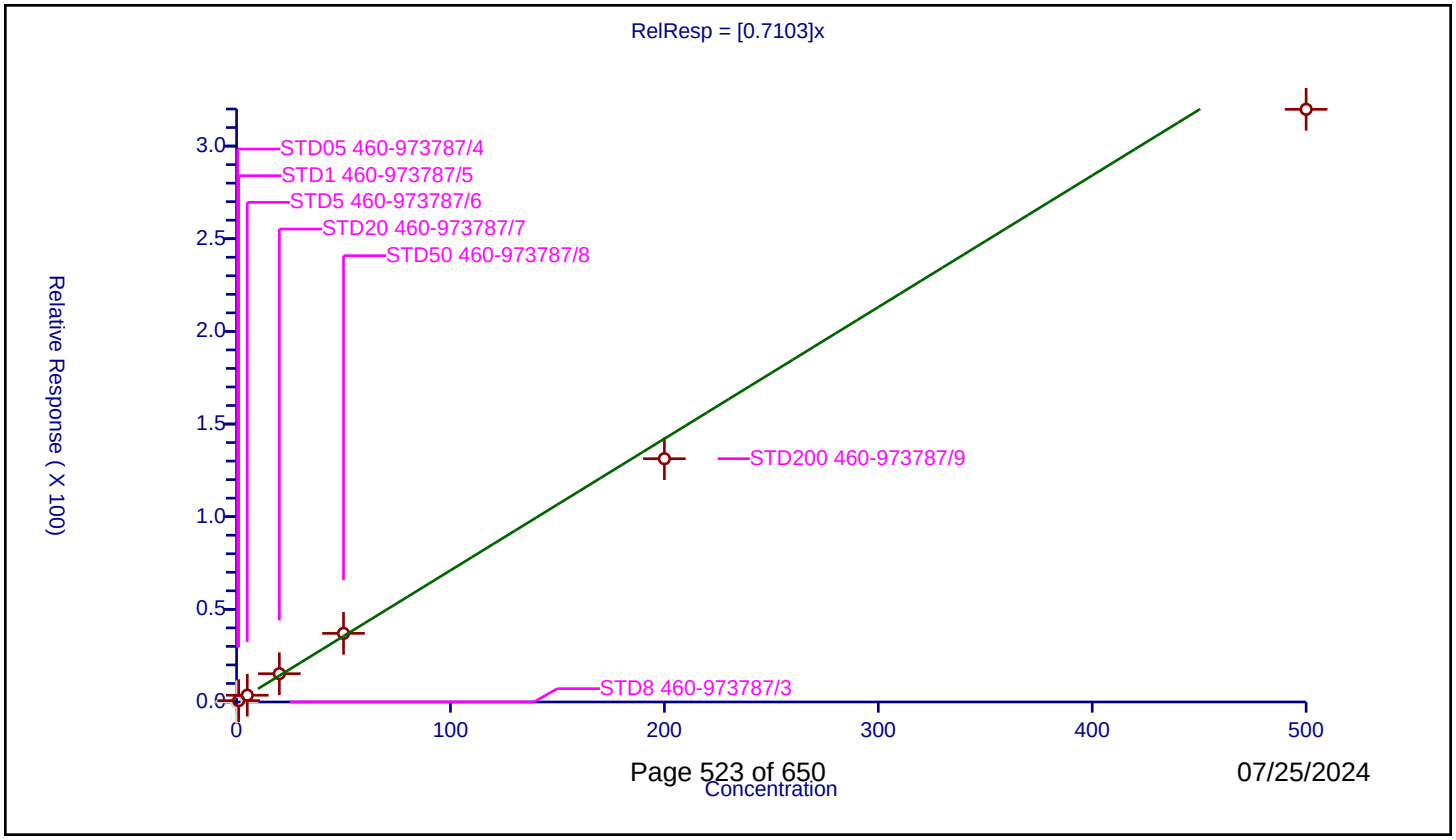
Curve Coefficients

Intercept:	0
Slope:	0.7103

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.429377	50.0	411294.0	0.858753	N
3	STD1 460-973787/5	1.0	0.731575	50.0	454294.0	0.731575	Y
4	STD5 460-973787/6	5.0	3.652921	50.0	430888.0	0.730584	Y
5	STD20 460-973787/7	20.0	15.262603	50.0	414333.0	0.76313	Y
6	STD50 460-973787/8	50.0	37.033297	50.0	429288.0	0.740666	Y
7	STD200 460-973787/9	200.0	131.288638	50.0	442250.0	0.656443	Y
8	STD500 460-973787/10	500.0	319.83123	50.0	457309.0	0.639662	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

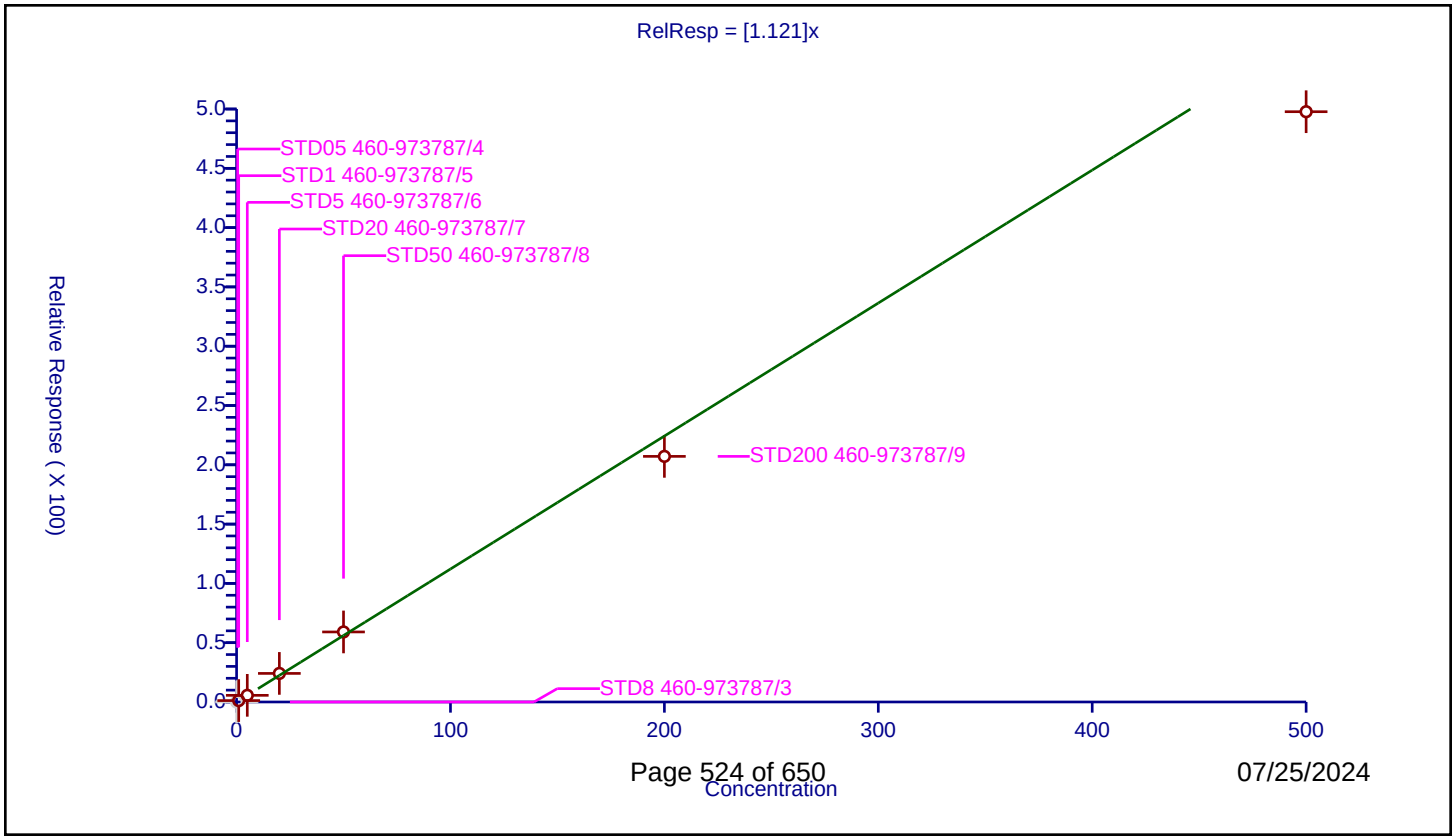
Curve Coefficients

Intercept:	0
Slope:	1.121

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.766119	50.0	411294.0	1.532237	N
3	STD1 460-973787/5	1.0	1.188437	50.0	454294.0	1.188437	Y
4	STD5 460-973787/6	5.0	5.610623	50.0	430888.0	1.122125	Y
5	STD20 460-973787/7	20.0	24.09294	50.0	414333.0	1.204647	Y
6	STD50 460-973787/8	50.0	59.062797	50.0	429288.0	1.181256	Y
7	STD200 460-973787/9	200.0	207.101752	50.0	442250.0	1.035509	Y
8	STD500 460-973787/10	500.0	497.734792	50.0	457309.0	0.99547	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

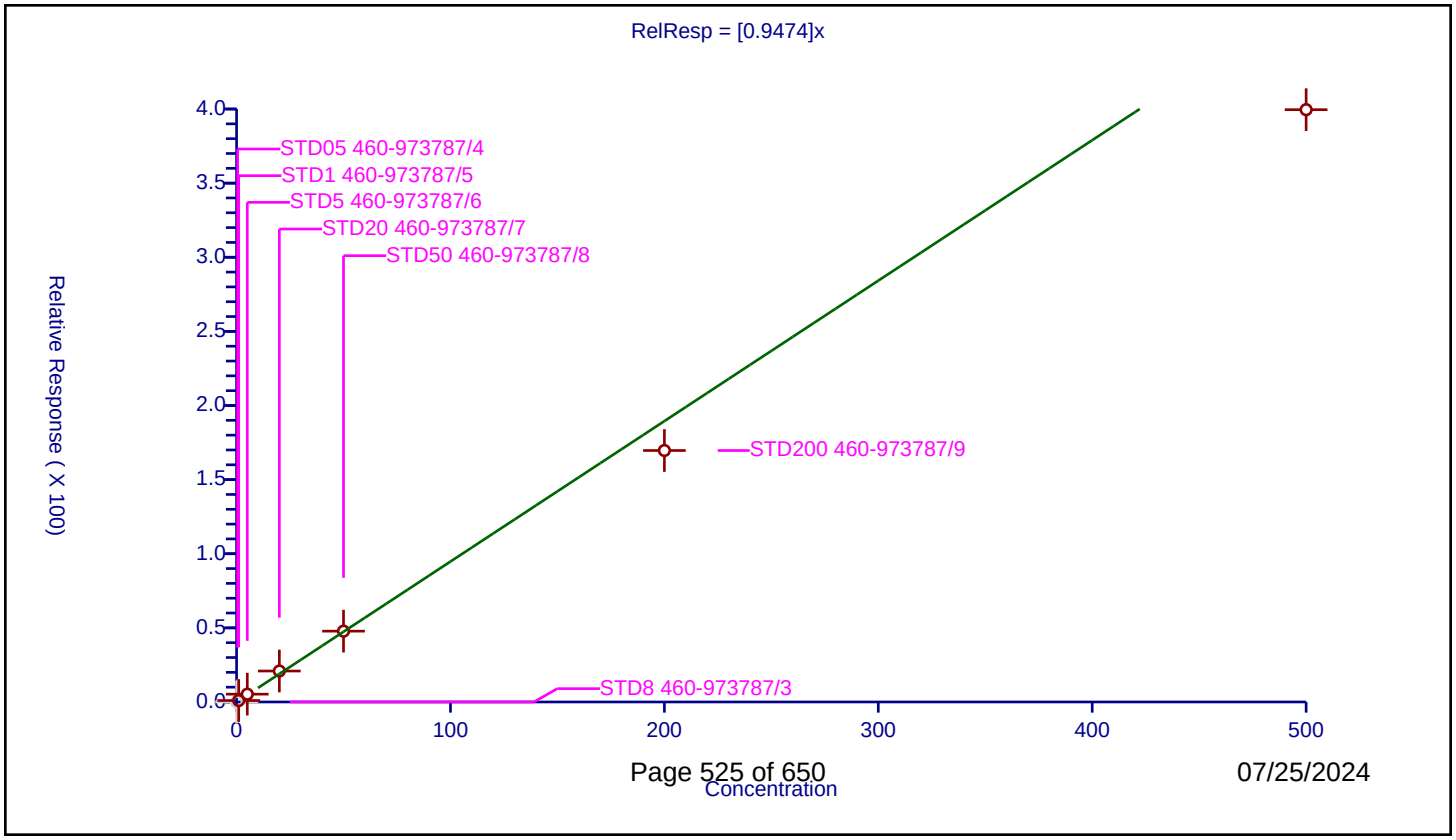
Curve Coefficients

Intercept:	0
Slope:	0.9474

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.67397	50.0	215069.0	1.347939	N
3	STD1 460-973787/5	1.0	0.979957	50.0	231796.0	0.979957	Y
4	STD5 460-973787/6	5.0	5.283914	50.0	217055.0	1.056783	Y
5	STD20 460-973787/7	20.0	20.895452	50.0	211089.0	1.044773	Y
6	STD50 460-973787/8	50.0	47.783877	50.0	222799.0	0.955678	Y
7	STD200 460-973787/9	200.0	169.63718	50.0	220798.0	0.848186	Y
8	STD500 460-973787/10	500.0	399.546945	50.0	230877.0	0.799094	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

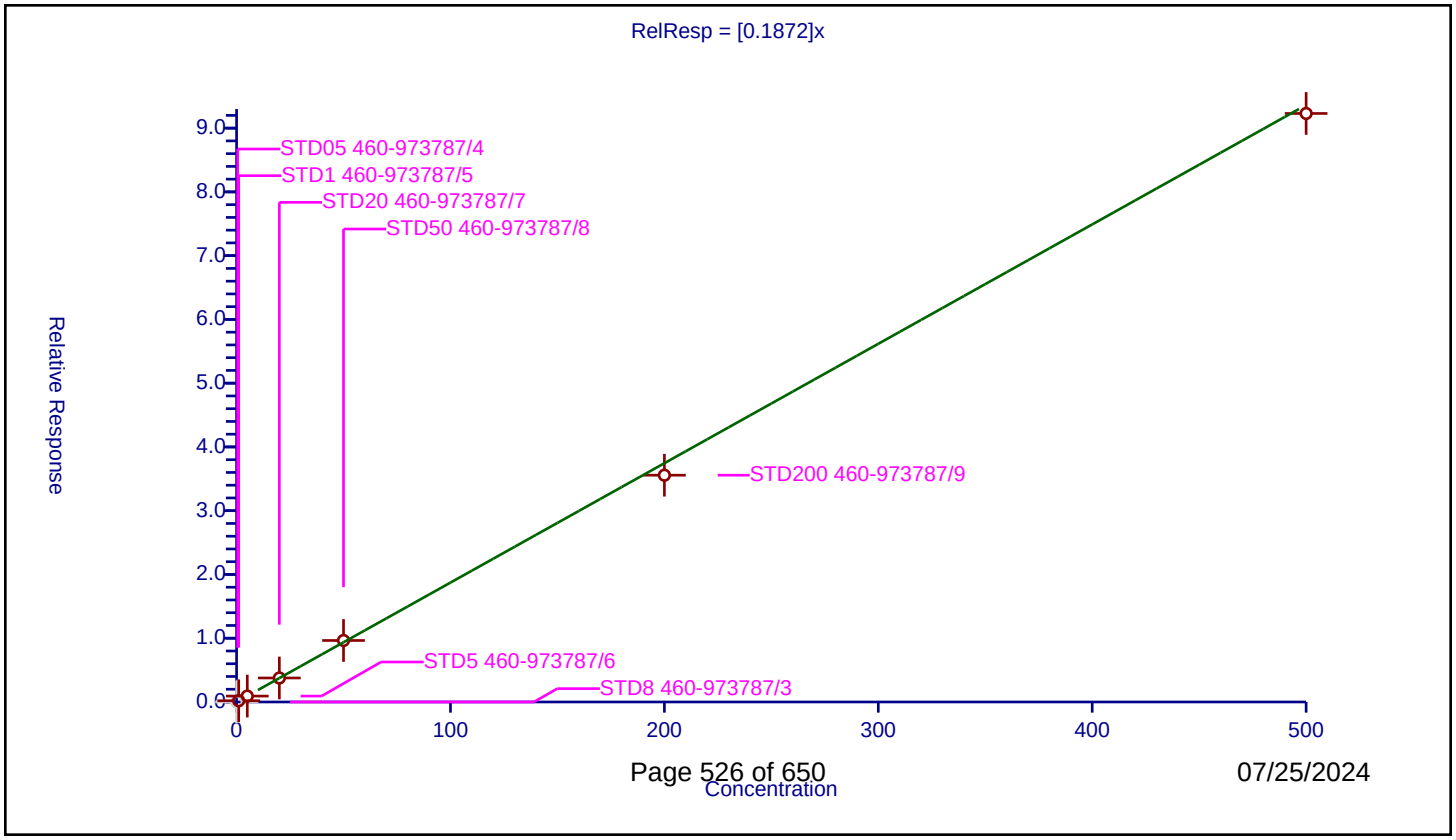
Curve Coefficients

Intercept:	0
Slope:	0.1872

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	0.139803	50.0	411294.0	0.279605	N
3	STD1 460-973787/5	1.0	0.194698	50.0	454294.0	0.194698	Y
4	STD5 460-973787/6	5.0	0.926227	50.0	430888.0	0.185245	Y
5	STD20 460-973787/7	20.0	3.764122	50.0	414333.0	0.188206	Y
6	STD50 460-973787/8	50.0	9.645623	50.0	429288.0	0.192912	Y
7	STD200 460-973787/9	200.0	35.566874	50.0	442250.0	0.177834	Y
8	STD500 460-973787/10	500.0	92.301923	50.0	457309.0	0.184604	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

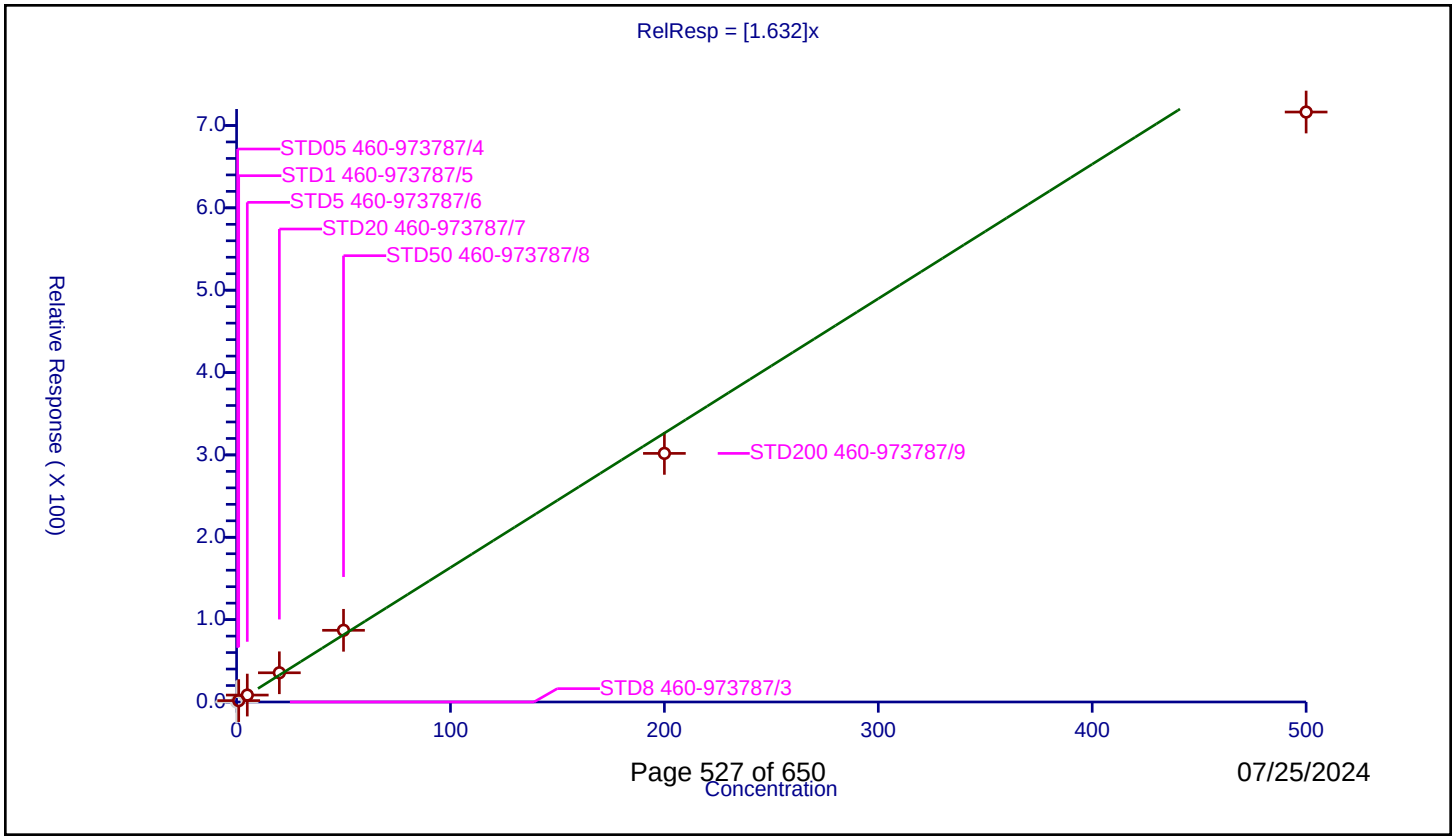
Curve Coefficients

Intercept:	0
Slope:	1.632

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	434751.0	NaN	N
2	STD05 460-973787/4	0.5	1.060191	50.0	411294.0	2.120381	N
3	STD1 460-973787/5	1.0	1.661039	50.0	454294.0	1.661039	Y
4	STD5 460-973787/6	5.0	8.389883	50.0	430888.0	1.677977	Y
5	STD20 460-973787/7	20.0	35.45566	50.0	414333.0	1.772783	Y
6	STD50 460-973787/8	50.0	87.061716	50.0	429288.0	1.741234	Y
7	STD200 460-973787/9	200.0	301.855059	50.0	442250.0	1.509275	Y
8	STD500 460-973787/10	500.0	716.330752	50.0	457309.0	1.432662	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

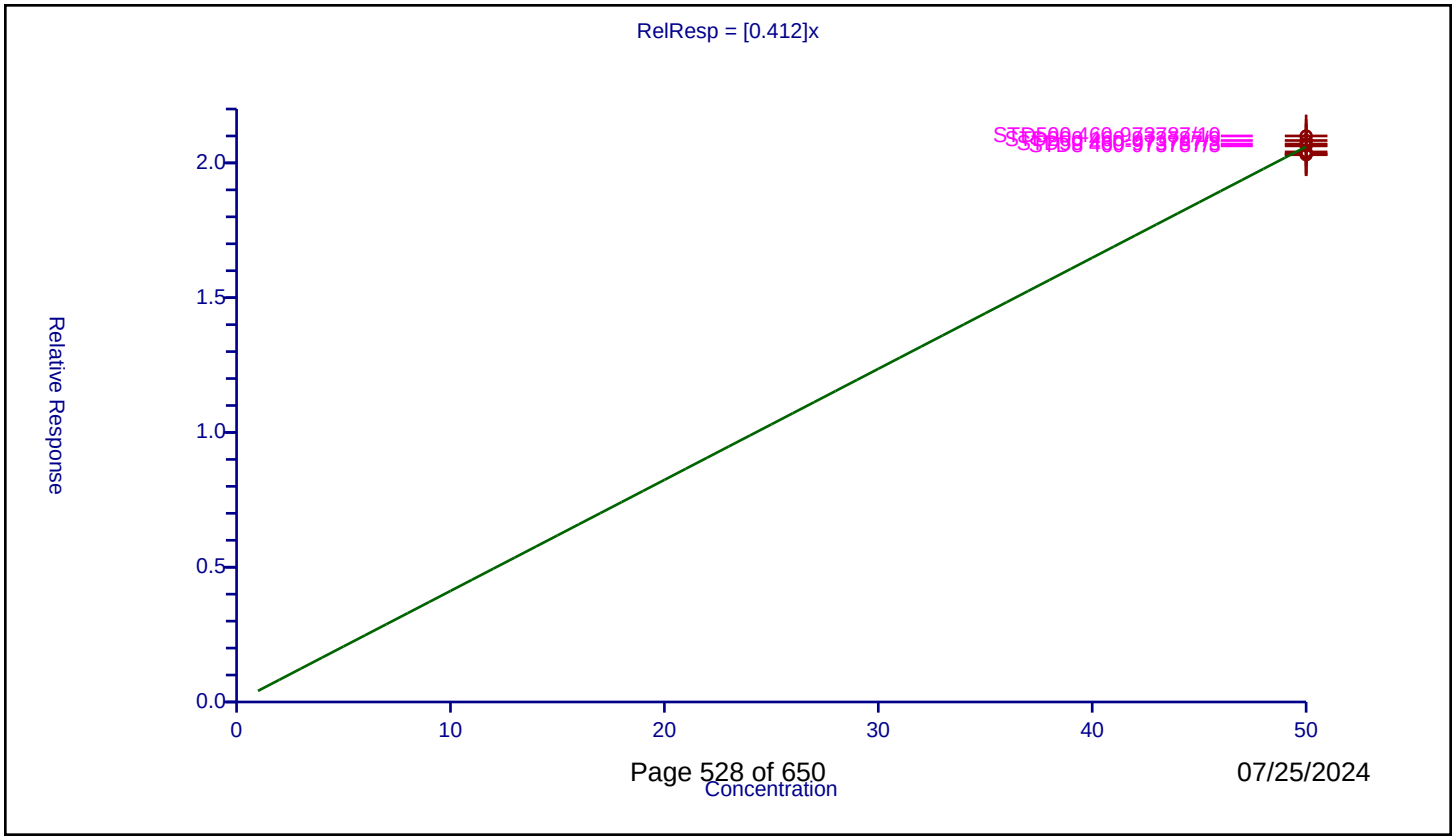
Curve Coefficients

Intercept:	0
Slope:	0.412

Error Coefficients

Relative Standard Deviation:	1.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	50.0	20.63204	50.0	434751.0	0.412641	Y
2	STD05 460-973787/4	50.0	20.316611	50.0	411294.0	0.406332	N
3	STD1 460-973787/5	50.0	20.327695	50.0	454294.0	0.406554	Y
4	STD5 460-973787/6	50.0	20.30284	50.0	430888.0	0.406057	Y
5	STD20 460-973787/7	50.0	20.407619	50.0	414333.0	0.408152	Y
6	STD50 460-973787/8	50.0	20.700905	50.0	429288.0	0.414018	Y
7	STD200 460-973787/9	50.0	20.831543	50.0	442250.0	0.416631	Y
8	STD500 460-973787/10	50.0	21.00068	50.0	457309.0	0.420014	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

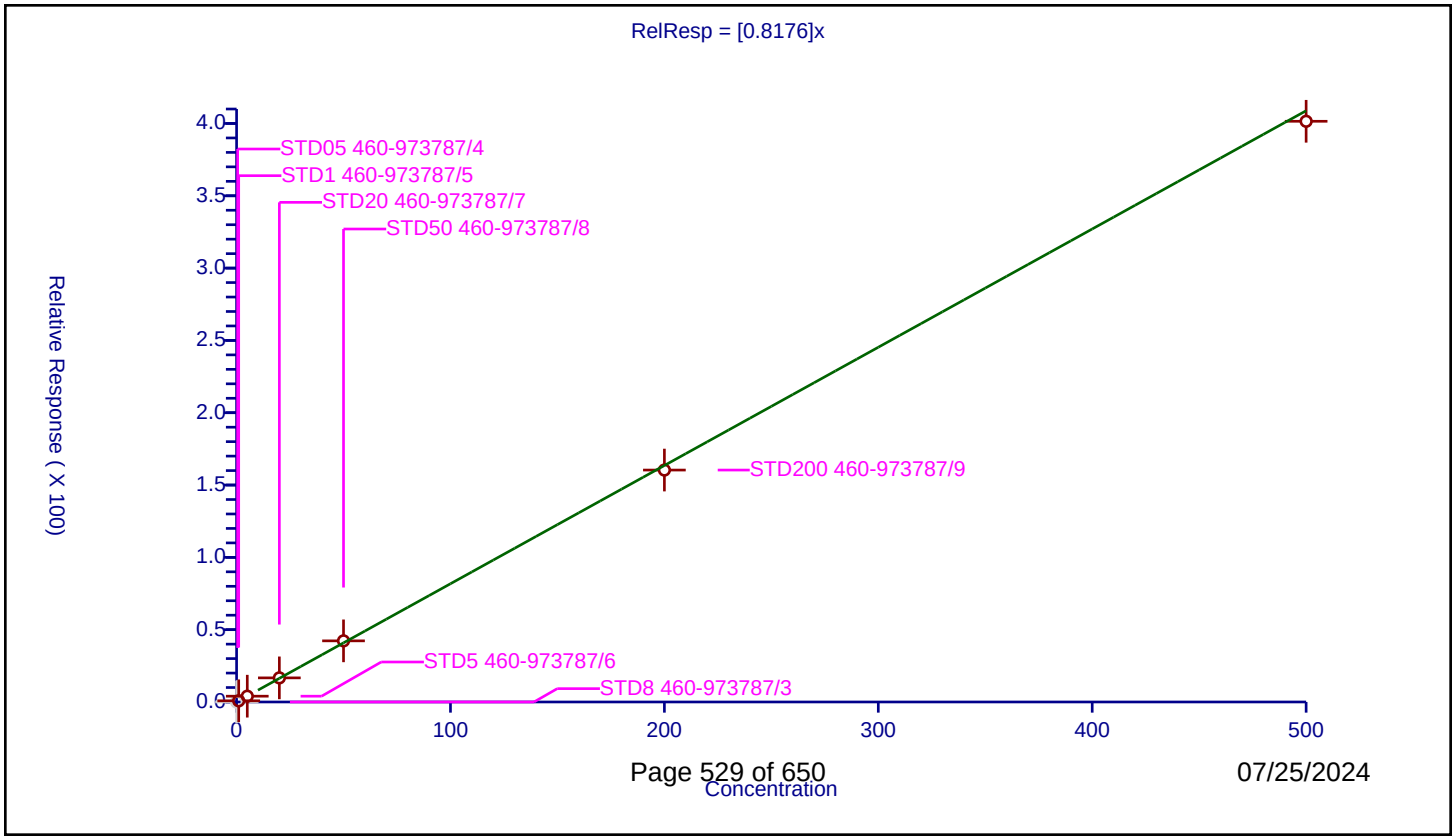
Curve Coefficients

Intercept:	0
Slope:	0.8176

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.500537	50.0	215069.0	1.001074	N
3	STD1 460-973787/5	1.0	0.819902	50.0	231796.0	0.819902	Y
4	STD5 460-973787/6	5.0	4.010274	50.0	217055.0	0.802055	Y
5	STD20 460-973787/7	20.0	16.669746	50.0	211089.0	0.833487	Y
6	STD50 460-973787/8	50.0	42.266348	50.0	222799.0	0.845327	Y
7	STD200 460-973787/9	200.0	160.359922	50.0	220798.0	0.8018	Y
8	STD500 460-973787/10	500.0	401.525271	50.0	230877.0	0.803051	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

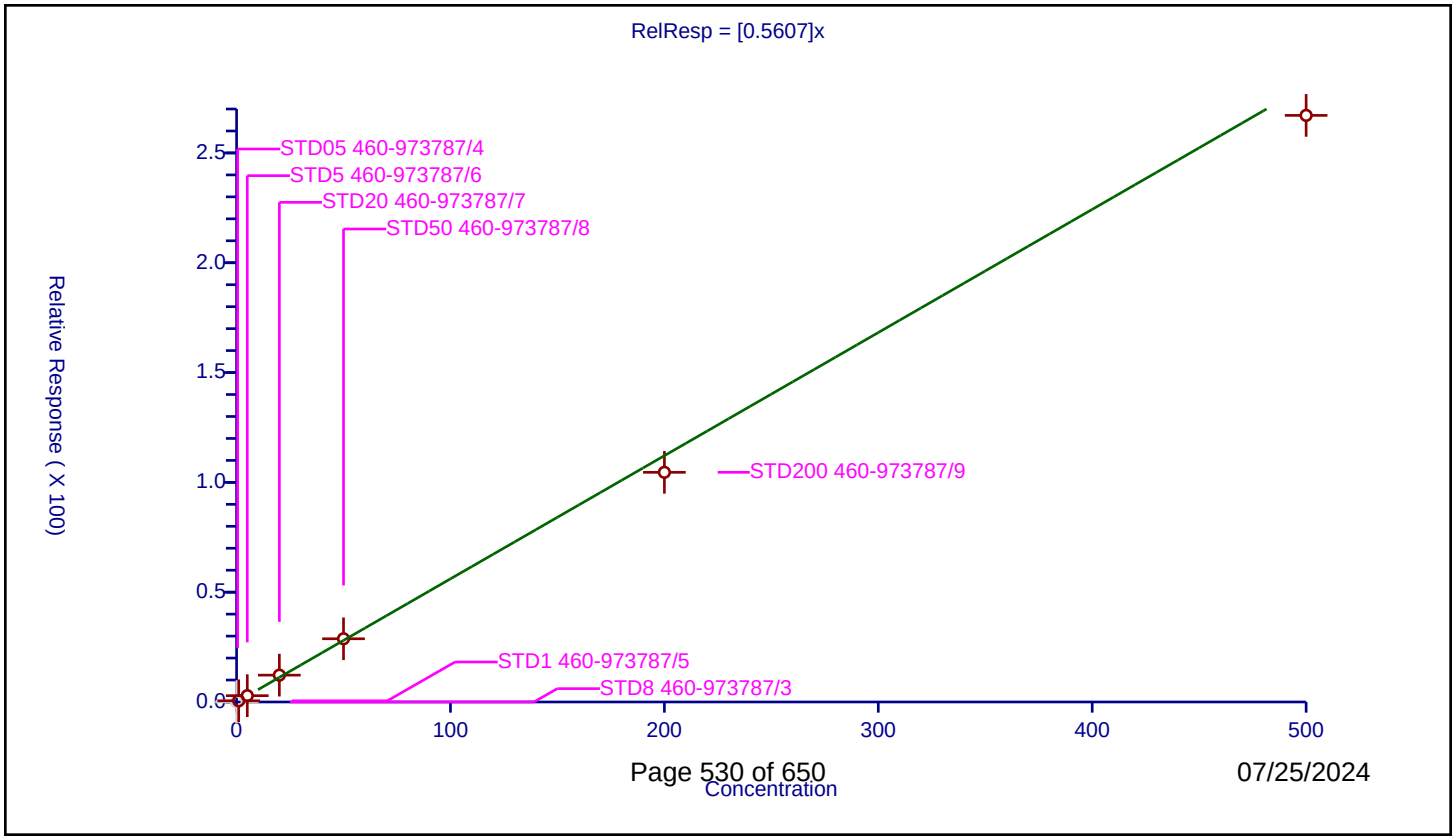
Curve Coefficients

Intercept:	0
Slope:	0.5607

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.330127	50.0	215069.0	0.660253	N
3	STD1 460-973787/5	1.0	0.545738	50.0	231796.0	0.545738	Y
4	STD5 460-973787/6	5.0	2.874617	50.0	217055.0	0.574923	Y
5	STD20 460-973787/7	20.0	12.220438	50.0	211089.0	0.611022	Y
6	STD50 460-973787/8	50.0	28.784689	50.0	222799.0	0.575694	Y
7	STD200 460-973787/9	200.0	104.57477	50.0	220798.0	0.522874	Y
8	STD500 460-973787/10	500.0	267.101747	50.0	230877.0	0.534203	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

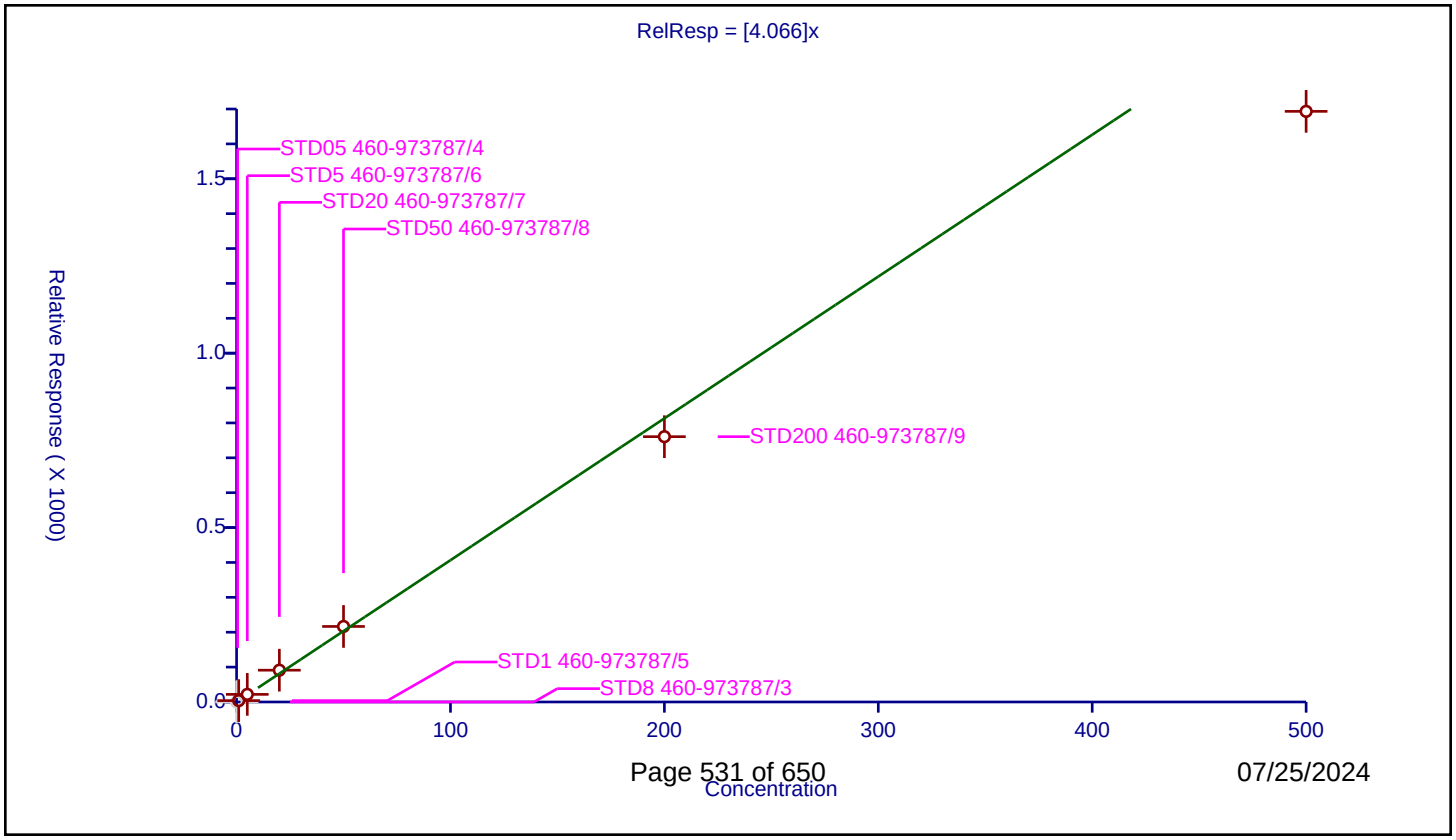
Curve Coefficients

Intercept:	0
Slope:	4.066

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	2.288568	50.0	215069.0	4.577136	N
3	STD1 460-973787/5	1.0	3.947868	50.0	231796.0	3.947868	Y
4	STD5 460-973787/6	5.0	21.825344	50.0	217055.0	4.365069	Y
5	STD20 460-973787/7	20.0	91.203237	50.0	211089.0	4.560162	Y
6	STD50 460-973787/8	50.0	216.523638	50.0	222799.0	4.330473	Y
7	STD200 460-973787/9	200.0	760.649779	50.0	220798.0	3.803249	Y
8	STD500 460-973787/10	500.0	1693.287985	50.0	230877.0	3.386576	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

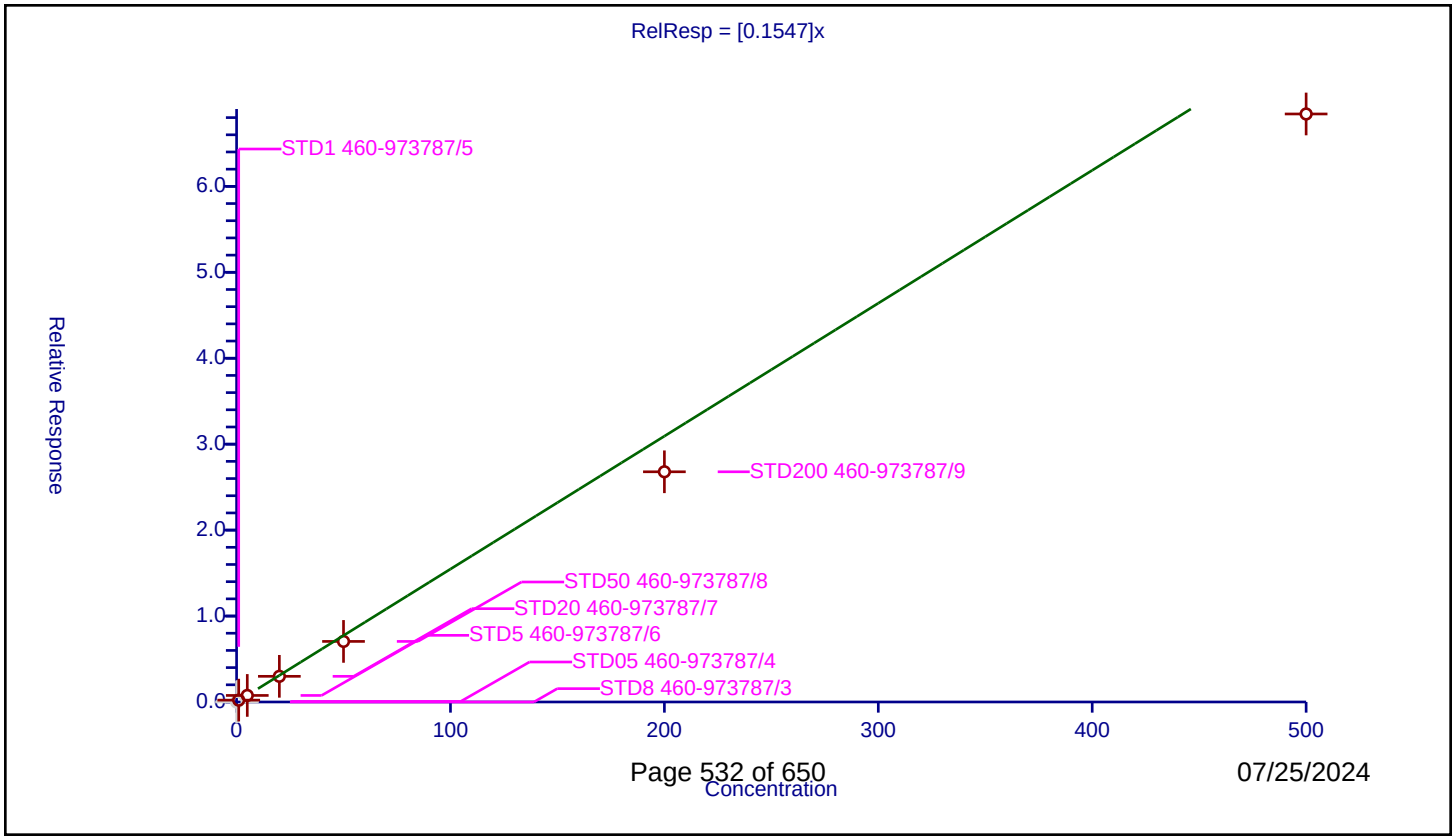
Curve Coefficients

Intercept:	0
Slope:	0.1547

Error Coefficients

Relative Standard Deviation:	19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.06463	50.0	215069.0	0.129261	N
3	STD1 460-973787/5	1.0	0.214413	50.0	231796.0	0.214413	Y
4	STD5 460-973787/6	5.0	0.76271	50.0	217055.0	0.152542	Y
5	STD20 460-973787/7	20.0	2.986181	50.0	211089.0	0.149309	Y
6	STD50 460-973787/8	50.0	7.048057	50.0	222799.0	0.140961	Y
7	STD200 460-973787/9	200.0	26.787607	50.0	220798.0	0.133938	Y
8	STD500 460-973787/10	500.0	68.424313	50.0	230877.0	0.136849	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

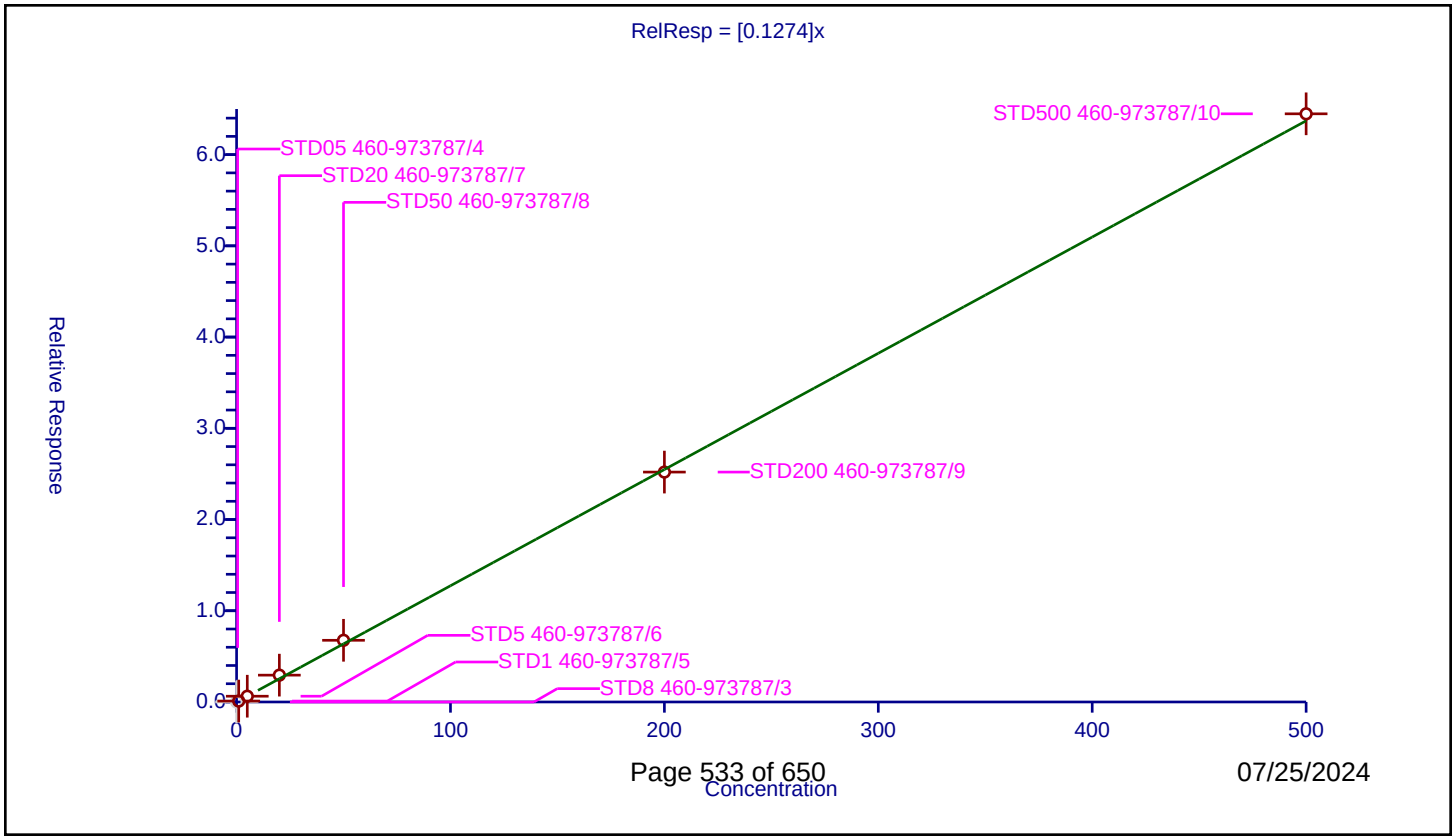
Curve Coefficients

Intercept:	0
Slope:	0.1274

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.089506	50.0	215069.0	0.179012	N
3	STD1 460-973787/5	1.0	0.100519	50.0	231796.0	0.100519	Y
4	STD5 460-973787/6	5.0	0.63325	50.0	217055.0	0.12665	Y
5	STD20 460-973787/7	20.0	2.942598	50.0	211089.0	0.14713	Y
6	STD50 460-973787/8	50.0	6.761924	50.0	222799.0	0.135238	Y
7	STD200 460-973787/9	200.0	25.201768	50.0	220798.0	0.126009	Y
8	STD500 460-973787/10	500.0	64.472858	50.0	230877.0	0.128946	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

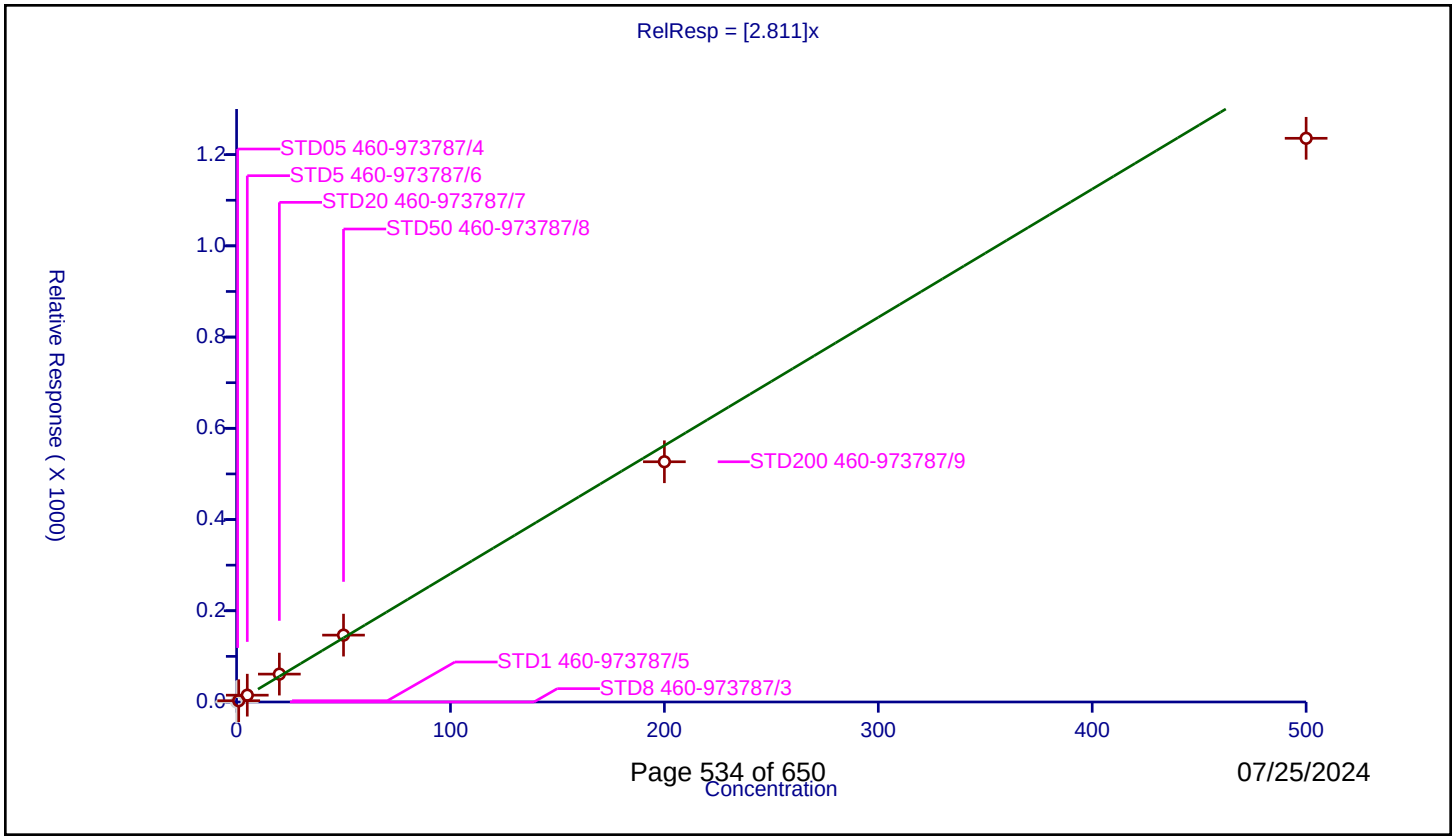
Curve Coefficients

Intercept:	0
Slope:	2.811

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.618318	50.0	215069.0	3.236636	N
3	STD1 460-973787/5	1.0	2.786502	50.0	231796.0	2.786502	Y
4	STD5 460-973787/6	5.0	14.927323	50.0	217055.0	2.985465	Y
5	STD20 460-973787/7	20.0	61.146957	50.0	211089.0	3.057348	Y
6	STD50 460-973787/8	50.0	146.60389	50.0	222799.0	2.932078	Y
7	STD200 460-973787/9	200.0	526.683892	50.0	220798.0	2.633419	Y
8	STD500 460-973787/10	500.0	1235.823404	50.0	230877.0	2.471647	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

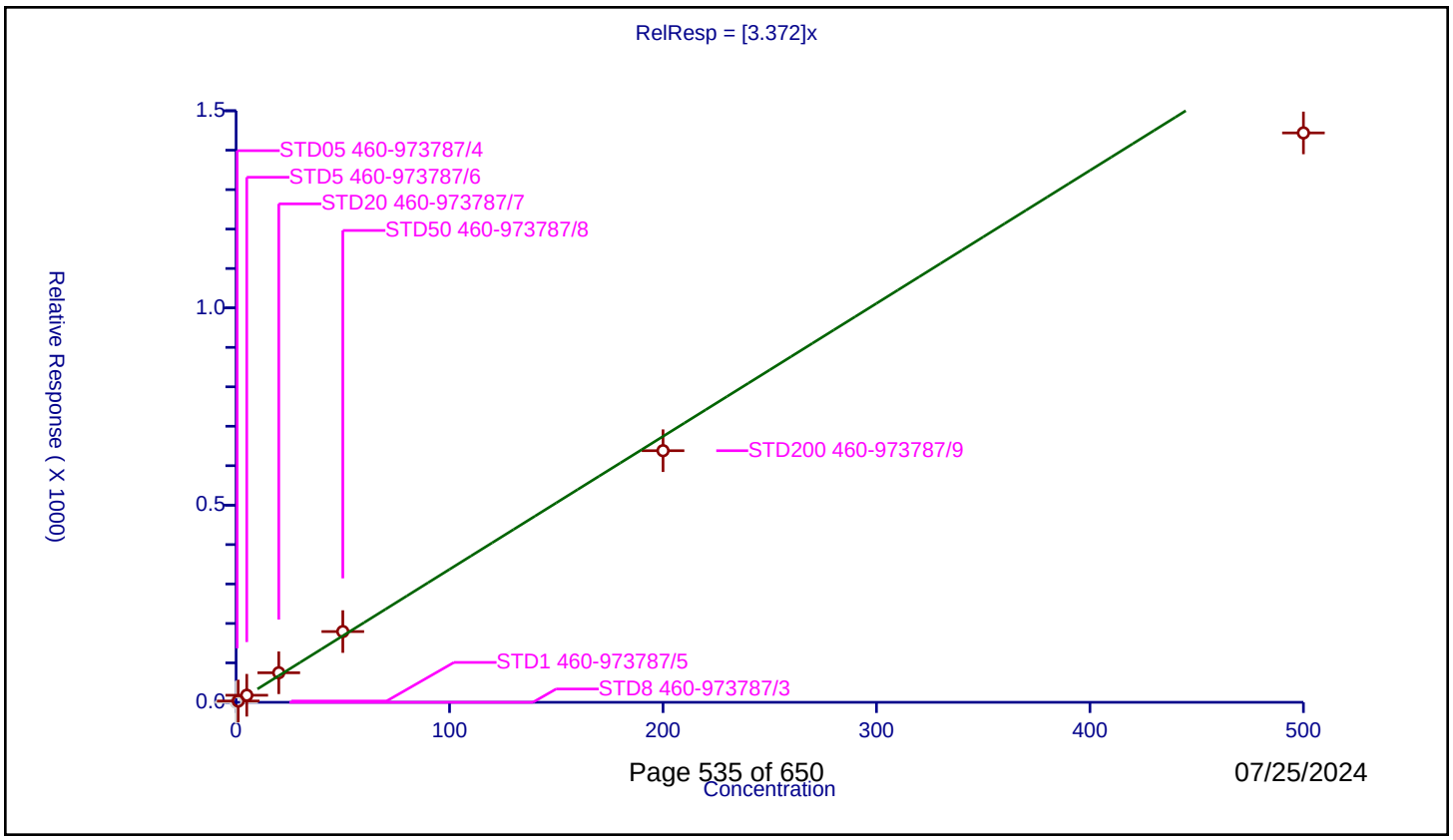
Curve Coefficients

Intercept:	0
Slope:	3.372

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.927753	50.0	215069.0	3.855507	N
3	STD1 460-973787/5	1.0	3.241428	50.0	231796.0	3.241428	Y
4	STD5 460-973787/6	5.0	17.882795	50.0	217055.0	3.576559	Y
5	STD20 460-973787/7	20.0	74.936875	50.0	211089.0	3.746844	Y
6	STD50 460-973787/8	50.0	179.370868	50.0	222799.0	3.587417	Y
7	STD200 460-973787/9	200.0	638.031368	50.0	220798.0	3.190157	Y
8	STD500 460-973787/10	500.0	1443.79713	50.0	230877.0	2.887594	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

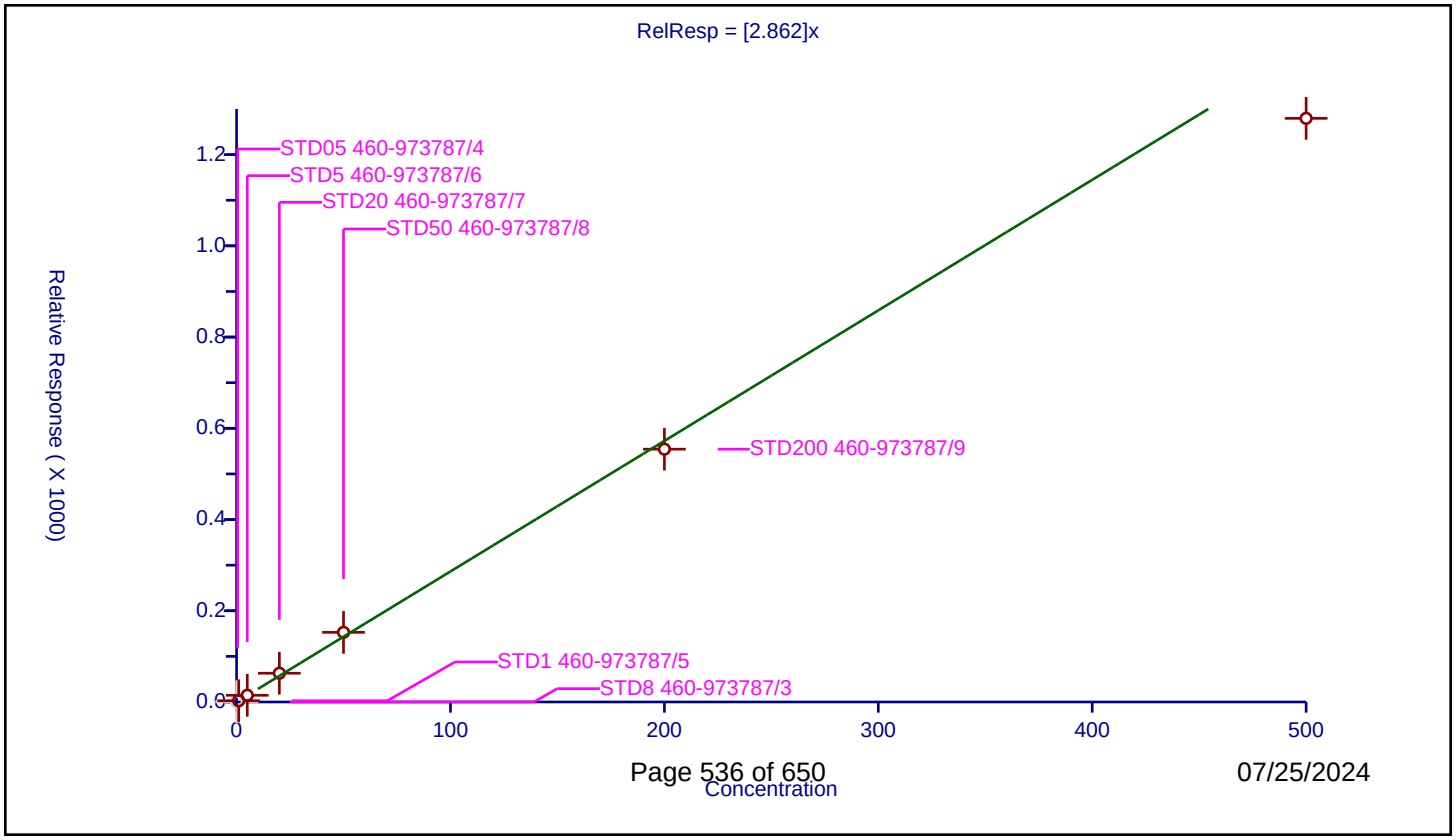
Curve Coefficients

Intercept:	0
Slope:	2.862

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.796865	50.0	215069.0	3.59373	N
3	STD1 460-973787/5	1.0	2.697199	50.0	231796.0	2.697199	Y
4	STD5 460-973787/6	5.0	14.688904	50.0	217055.0	2.937781	Y
5	STD20 460-973787/7	20.0	63.033365	50.0	211089.0	3.151668	Y
6	STD50 460-973787/8	50.0	152.675955	50.0	222799.0	3.053519	Y
7	STD200 460-973787/9	200.0	554.261588	50.0	220798.0	2.771308	Y
8	STD500 460-973787/10	500.0	1279.53499	50.0	230877.0	2.55907	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

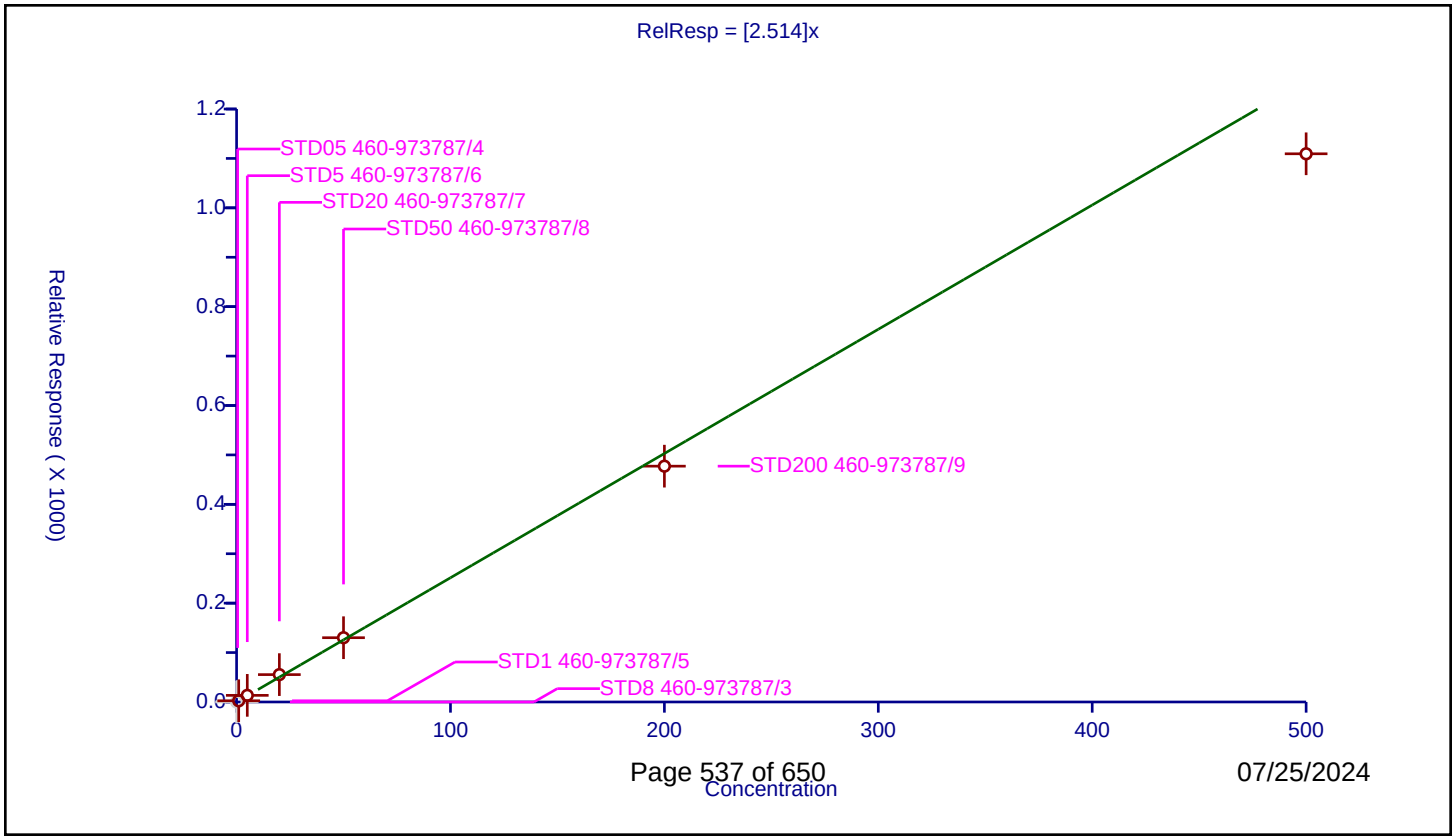
Curve Coefficients

Intercept:	0
Slope:	2.514

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.474643	50.0	215069.0	2.949286	N
3	STD1 460-973787/5	1.0	2.429507	50.0	231796.0	2.429507	Y
4	STD5 460-973787/6	5.0	13.401442	50.0	217055.0	2.680288	Y
5	STD20 460-973787/7	20.0	55.38209	50.0	211089.0	2.769105	Y
6	STD50 460-973787/8	50.0	130.066787	50.0	222799.0	2.601336	Y
7	STD200 460-973787/9	200.0	477.23666	50.0	220798.0	2.386183	Y
8	STD500 460-973787/10	500.0	1109.403492	50.0	230877.0	2.218807	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

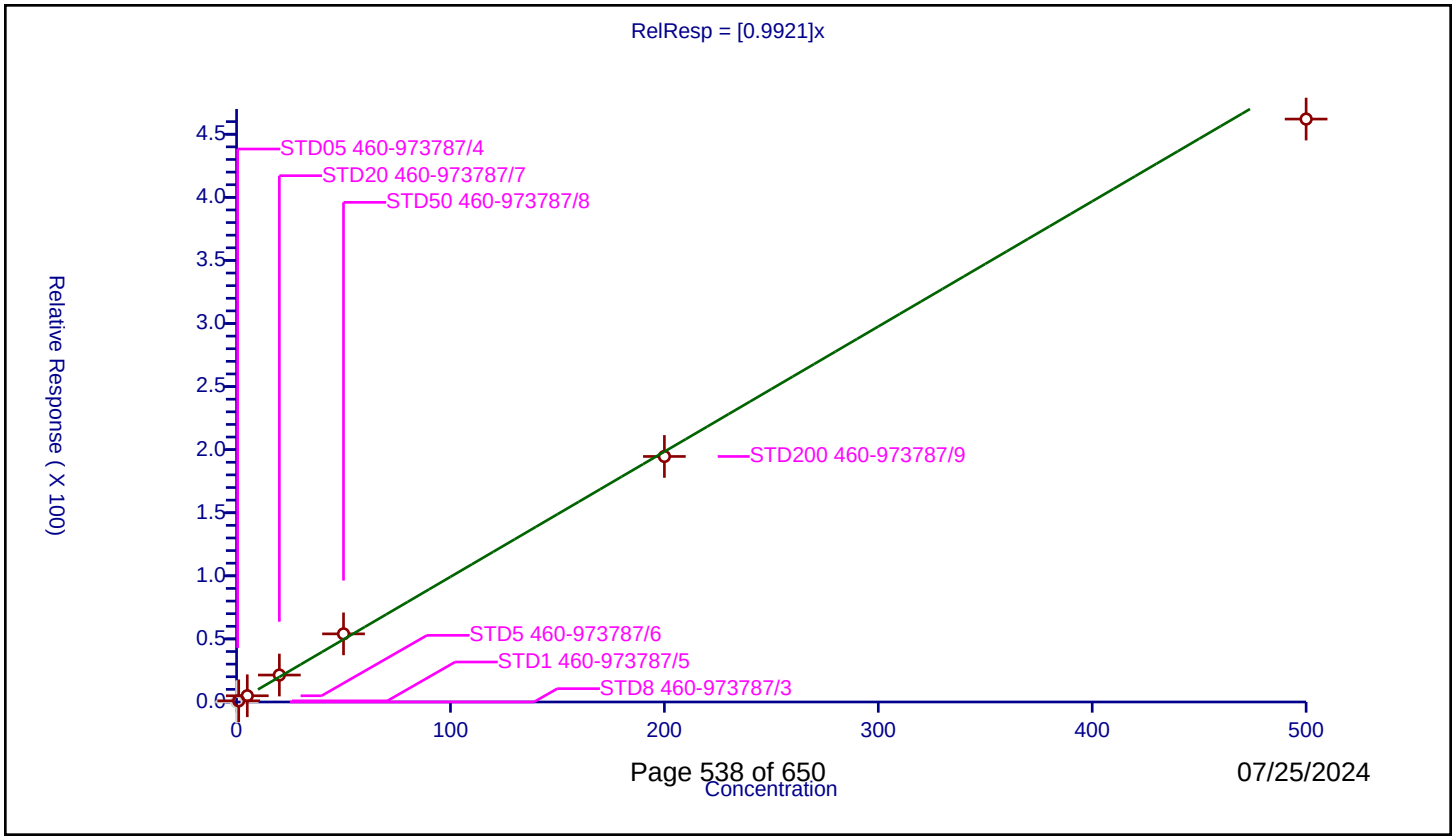
Curve Coefficients

Intercept:	0
Slope:	0.9921

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.549591	50.0	215069.0	1.099182	N
3	STD1 460-973787/5	1.0	0.919127	50.0	231796.0	0.919127	Y
4	STD5 460-973787/6	5.0	4.941144	50.0	217055.0	0.988229	Y
5	STD20 460-973787/7	20.0	21.362553	50.0	211089.0	1.068128	Y
6	STD50 460-973787/8	50.0	53.987899	50.0	222799.0	1.079758	Y
7	STD200 460-973787/9	200.0	194.608194	50.0	220798.0	0.973041	Y
8	STD500 460-973787/10	500.0	462.036712	50.0	230877.0	0.924073	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

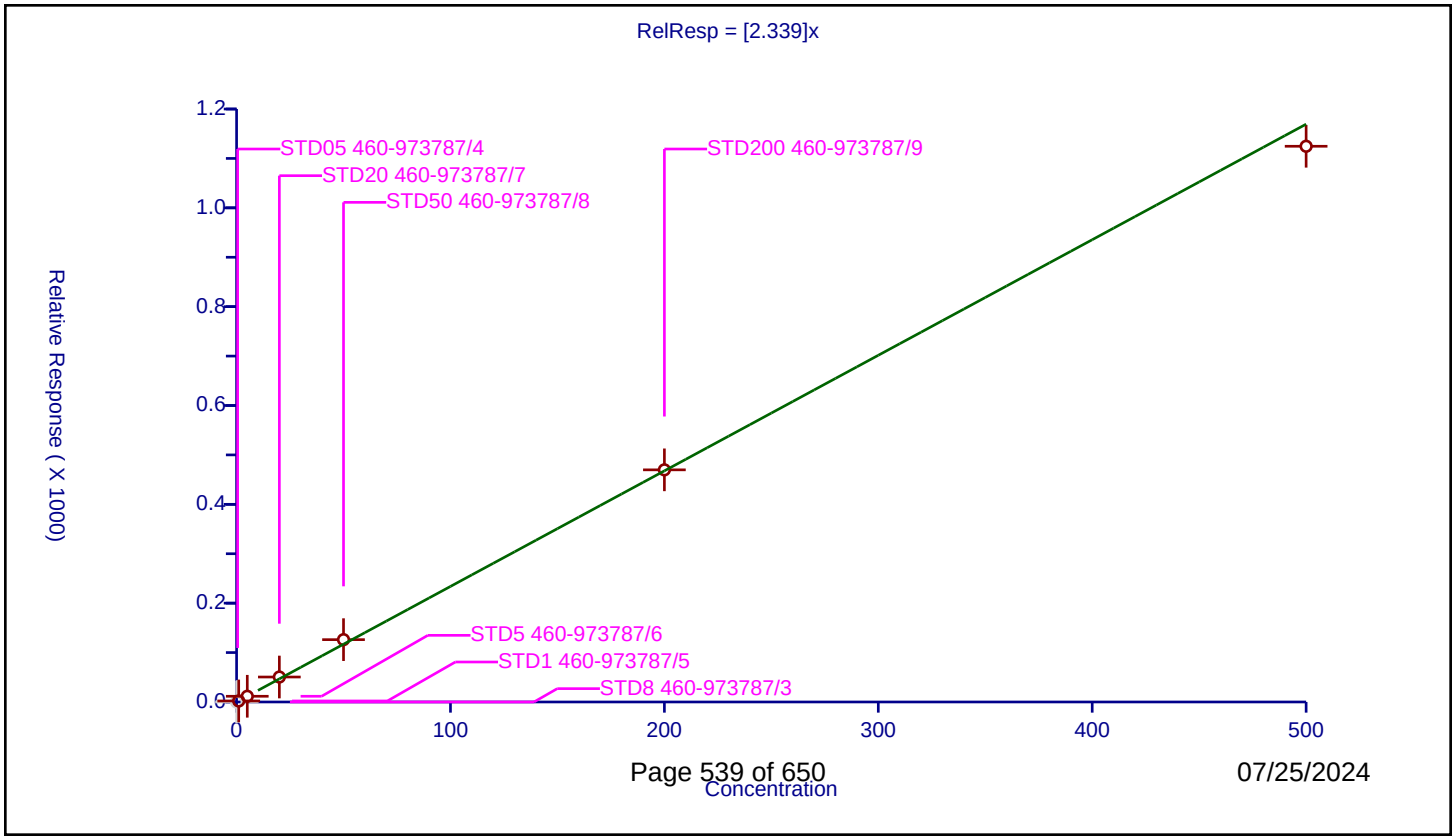
Curve Coefficients

Intercept:	0
Slope:	2.339

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.363051	50.0	215069.0	2.726102	N
3	STD1 460-973787/5	1.0	2.067335	50.0	231796.0	2.067335	Y
4	STD5 460-973787/6	5.0	11.584852	50.0	217055.0	2.31697	Y
5	STD20 460-973787/7	20.0	50.538635	50.0	211089.0	2.526932	Y
6	STD50 460-973787/8	50.0	126.135216	50.0	222799.0	2.522704	Y
7	STD200 460-973787/9	200.0	469.80113	50.0	220798.0	2.349006	Y
8	STD500 460-973787/10	500.0	1124.625883	50.0	230877.0	2.249252	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

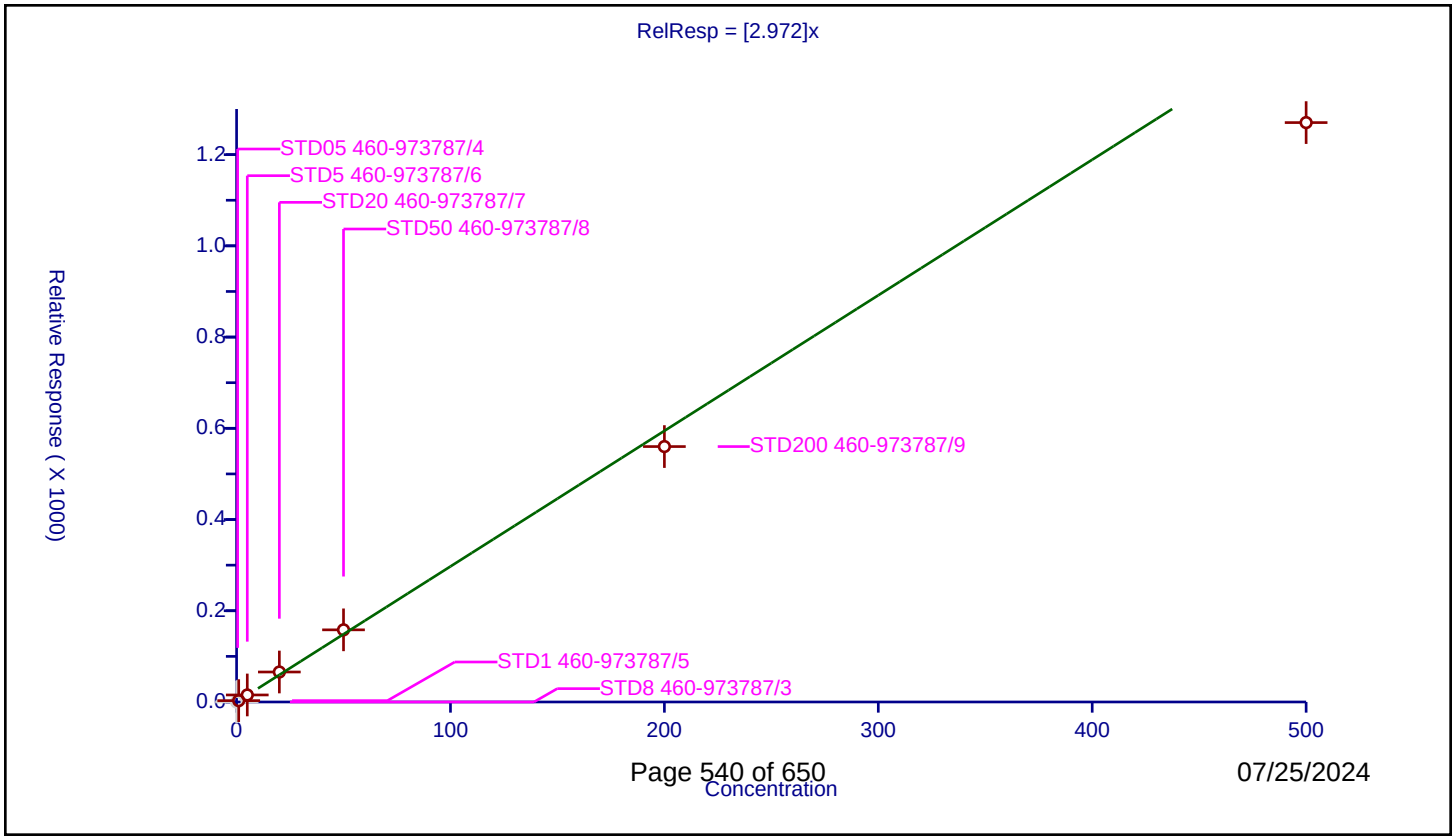
Curve Coefficients

Intercept:	0
Slope:	2.972

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.748741	50.0	215069.0	3.497482	N
3	STD1 460-973787/5	1.0	2.963166	50.0	231796.0	2.963166	Y
4	STD5 460-973787/6	5.0	15.390569	50.0	217055.0	3.078114	Y
5	STD20 460-973787/7	20.0	65.763493	50.0	211089.0	3.288175	Y
6	STD50 460-973787/8	50.0	158.154435	50.0	222799.0	3.163089	Y
7	STD200 460-973787/9	200.0	559.977898	50.0	220798.0	2.799889	Y
8	STD500 460-973787/10	500.0	1270.22224	50.0	230877.0	2.540444	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

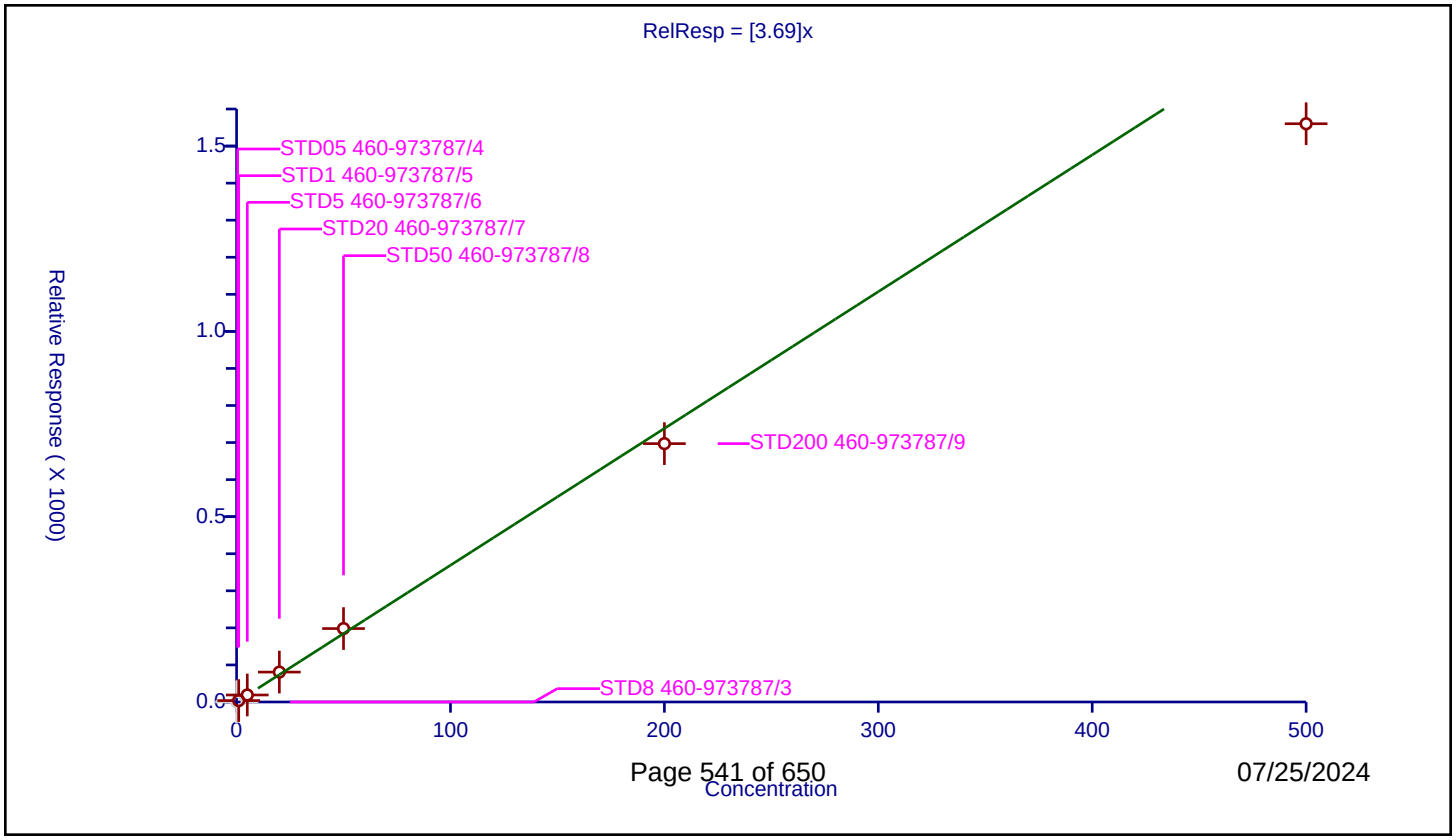
Curve Coefficients

Intercept:	0
Slope:	3.69

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	2.248116	50.0	215069.0	4.496231	N
3	STD1 460-973787/5	1.0	3.761929	50.0	231796.0	3.761929	Y
4	STD5 460-973787/6	5.0	18.884154	50.0	217055.0	3.776831	Y
5	STD20 460-973787/7	20.0	80.684924	50.0	211089.0	4.034246	Y
6	STD50 460-973787/8	50.0	198.14115	50.0	222799.0	3.962823	Y
7	STD200 460-973787/9	200.0	697.093497	50.0	220798.0	3.485467	Y
8	STD500 460-973787/10	500.0	1560.302672	50.0	230877.0	3.120605	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

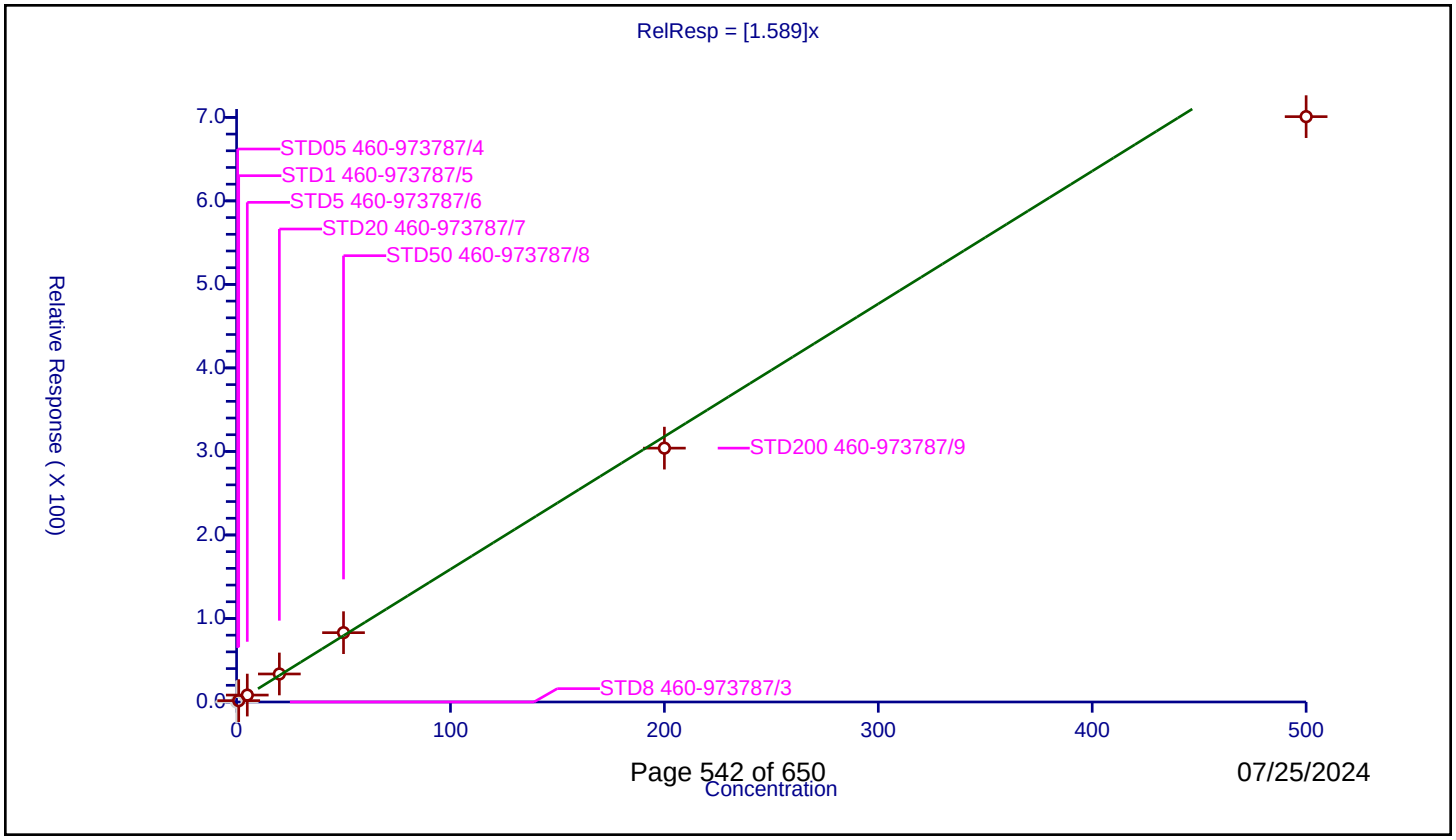
Curve Coefficients

Intercept:	0
Slope:	1.589

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.900409	50.0	215069.0	1.800817	N
3	STD1 460-973787/5	1.0	1.621685	50.0	231796.0	1.621685	Y
4	STD5 460-973787/6	5.0	8.269563	50.0	217055.0	1.653913	Y
5	STD20 460-973787/7	20.0	33.555278	50.0	211089.0	1.677764	Y
6	STD50 460-973787/8	50.0	83.010696	50.0	222799.0	1.660214	Y
7	STD200 460-973787/9	200.0	303.960181	50.0	220798.0	1.519801	Y
8	STD500 460-973787/10	500.0	700.867128	50.0	230877.0	1.401734	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

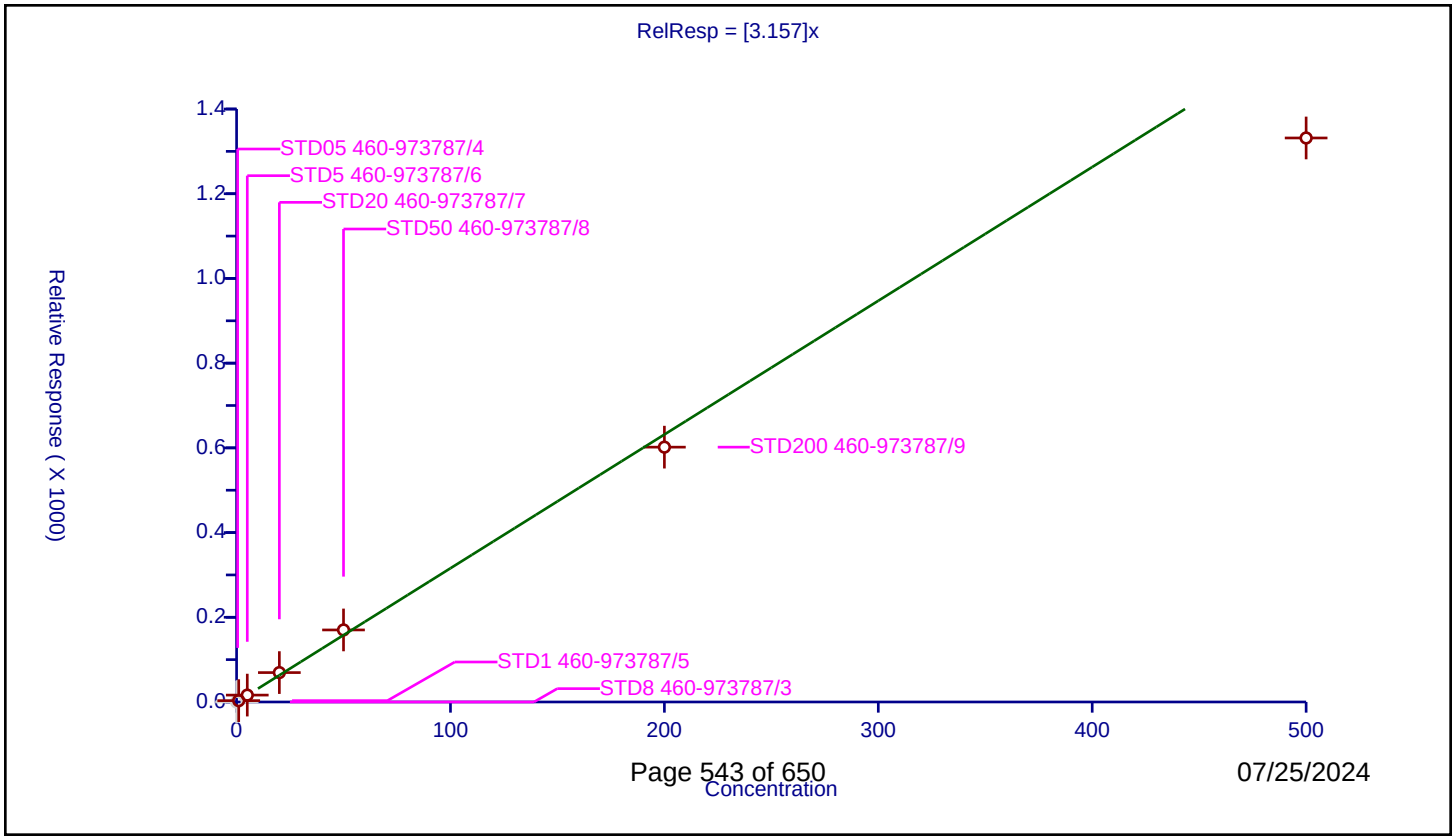
Curve Coefficients

Intercept:	0
Slope:	3.157

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.80384	50.0	215069.0	3.607679	N
3	STD1 460-973787/5	1.0	3.152341	50.0	231796.0	3.152341	Y
4	STD5 460-973787/6	5.0	16.243118	50.0	217055.0	3.248624	Y
5	STD20 460-973787/7	20.0	69.408164	50.0	211089.0	3.470408	Y
6	STD50 460-973787/8	50.0	170.077065	50.0	222799.0	3.401541	Y
7	STD200 460-973787/9	200.0	601.678457	50.0	220798.0	3.008392	Y
8	STD500 460-973787/10	500.0	1331.620733	50.0	230877.0	2.663241	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

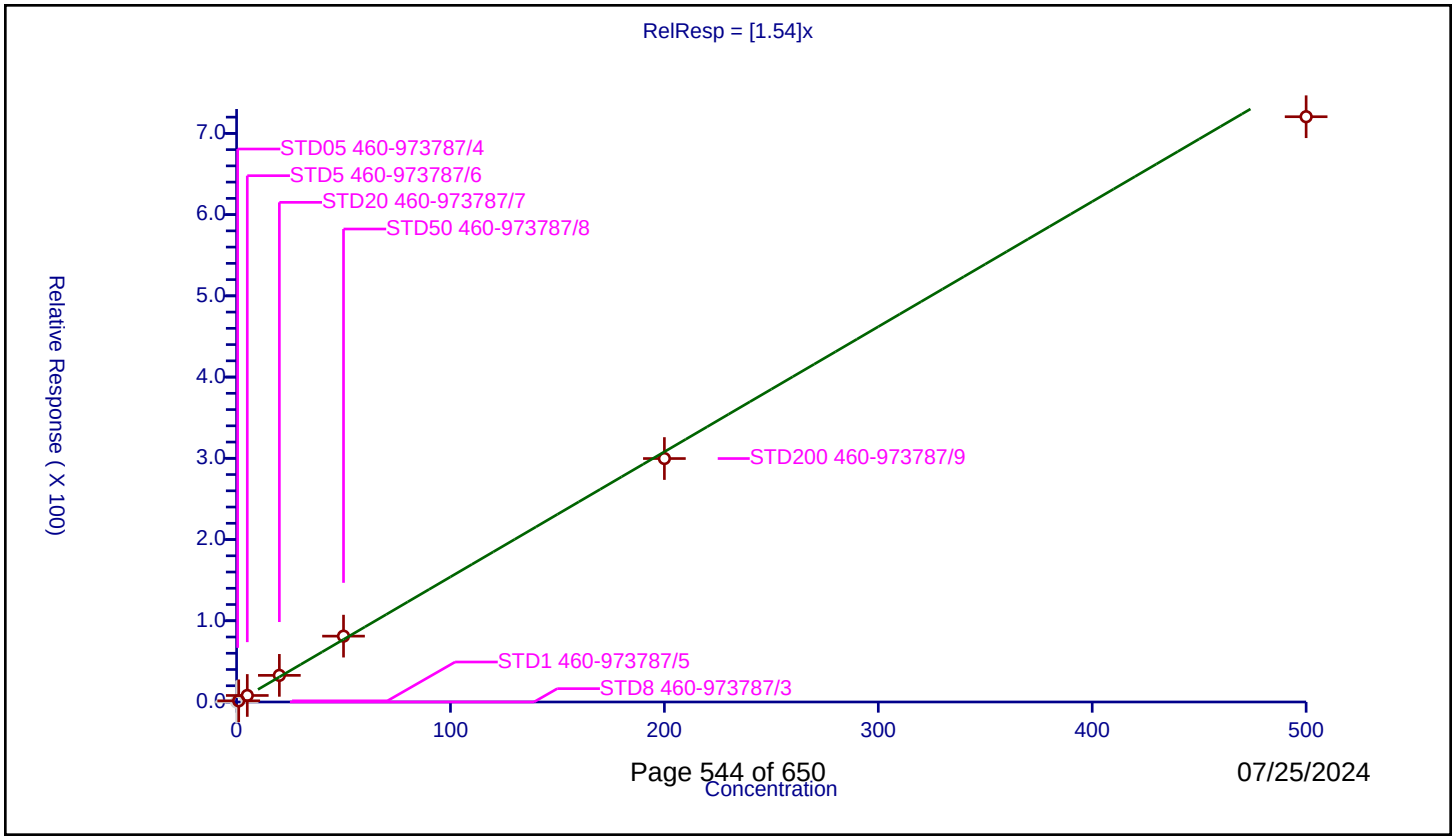
Curve Coefficients

Intercept:	0
Slope:	1.54

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.007816	50.0	215069.0	2.015632	N
3	STD1 460-973787/5	1.0	1.439197	50.0	231796.0	1.439197	Y
4	STD5 460-973787/6	5.0	8.011794	50.0	217055.0	1.602359	Y
5	STD20 460-973787/7	20.0	32.766511	50.0	211089.0	1.638326	Y
6	STD50 460-973787/8	50.0	81.066118	50.0	222799.0	1.621322	Y
7	STD200 460-973787/9	200.0	299.700405	50.0	220798.0	1.498502	Y
8	STD500 460-973787/10	500.0	720.505074	50.0	230877.0	1.44101	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

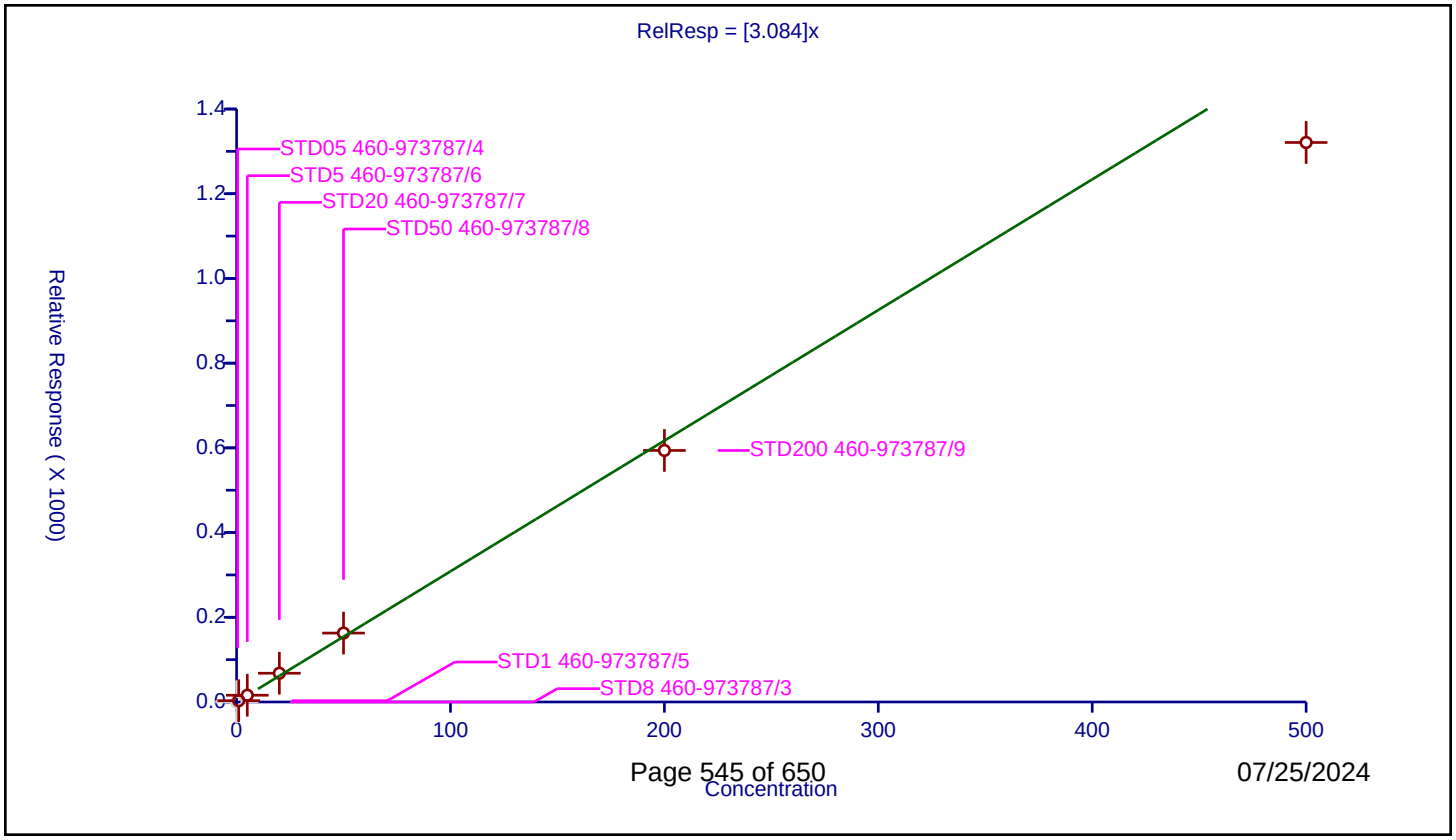
Curve Coefficients

Intercept:	0
Slope:	3.084

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.753158	50.0	215069.0	3.506317	N
3	STD1 460-973787/5	1.0	3.059371	50.0	231796.0	3.059371	Y
4	STD5 460-973787/6	5.0	15.936053	50.0	217055.0	3.187211	Y
5	STD20 460-973787/7	20.0	67.884873	50.0	211089.0	3.394244	Y
6	STD50 460-973787/8	50.0	162.725147	50.0	222799.0	3.254503	Y
7	STD200 460-973787/9	200.0	593.840524	50.0	220798.0	2.969203	Y
8	STD500 460-973787/10	500.0	1320.961161	50.0	230877.0	2.641922	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

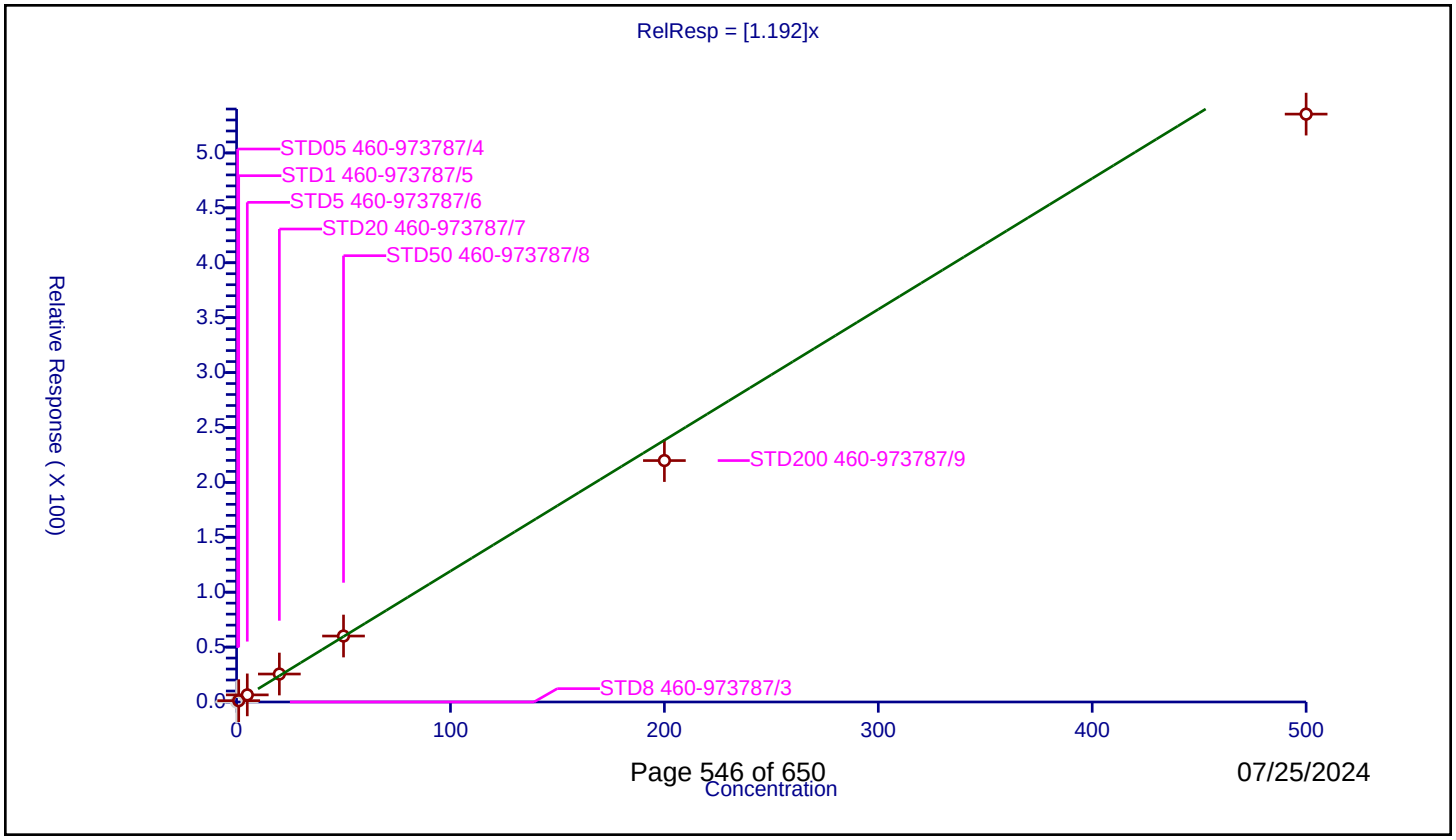
Curve Coefficients

Intercept:	0
Slope:	1.192

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.695358	50.0	215069.0	1.390716	N
3	STD1 460-973787/5	1.0	1.212273	50.0	231796.0	1.212273	Y
4	STD5 460-973787/6	5.0	6.475778	50.0	217055.0	1.295156	Y
5	STD20 460-973787/7	20.0	25.45893	50.0	211089.0	1.272946	Y
6	STD50 460-973787/8	50.0	60.057047	50.0	222799.0	1.201141	Y
7	STD200 460-973787/9	200.0	219.852988	50.0	220798.0	1.099265	Y
8	STD500 460-973787/10	500.0	535.365801	50.0	230877.0	1.070732	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

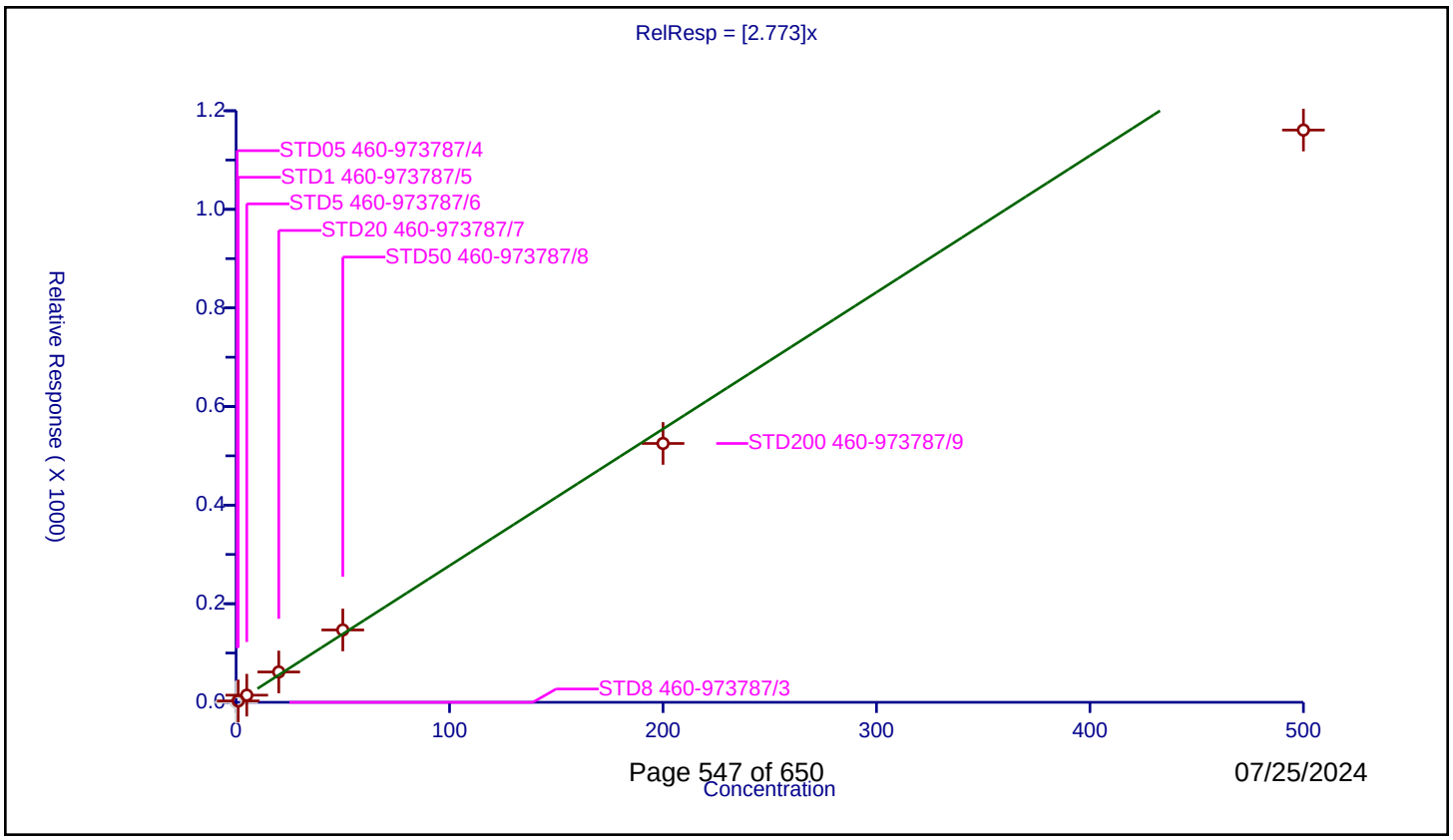
Curve Coefficients

Intercept:	0
Slope:	2.773

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.693178	50.0	215069.0	3.386355	N
3	STD1 460-973787/5	1.0	2.776148	50.0	231796.0	2.776148	Y
4	STD5 460-973787/6	5.0	14.495865	50.0	217055.0	2.899173	Y
5	STD20 460-973787/7	20.0	61.543472	50.0	211089.0	3.077174	Y
6	STD50 460-973787/8	50.0	146.76749	50.0	222799.0	2.93535	Y
7	STD200 460-973787/9	200.0	525.129304	50.0	220798.0	2.625647	Y
8	STD500 460-973787/10	500.0	1160.827843	50.0	230877.0	2.321656	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

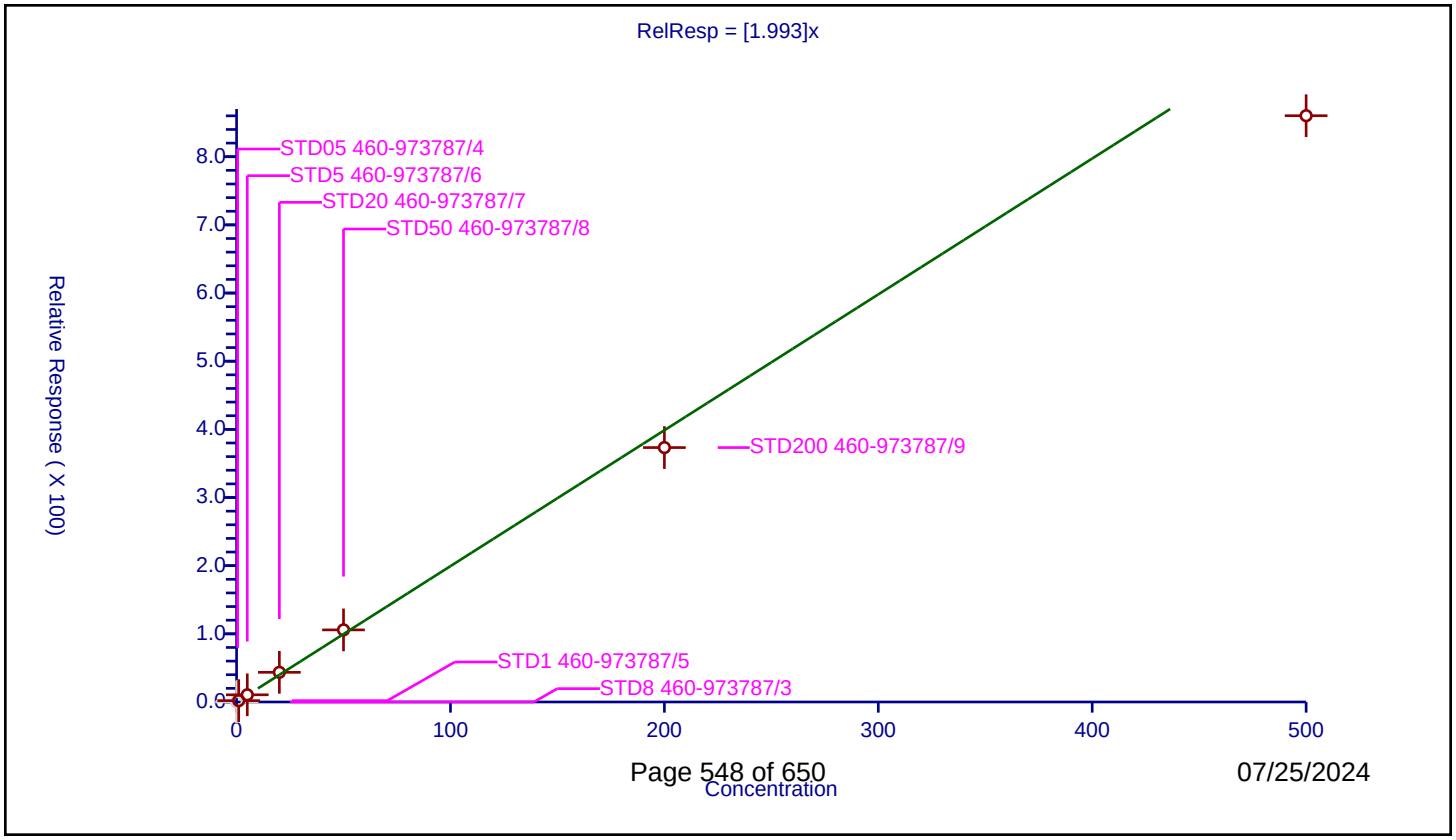
Curve Coefficients

Intercept:	0
Slope:	1.993

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.17102	50.0	215069.0	2.342039	N
3	STD1 460-973787/5	1.0	1.974581	50.0	231796.0	1.974581	Y
4	STD5 460-973787/6	5.0	10.532123	50.0	217055.0	2.106425	Y
5	STD20 460-973787/7	20.0	43.52927	50.0	211089.0	2.176463	Y
6	STD50 460-973787/8	50.0	105.785035	50.0	222799.0	2.115701	Y
7	STD200 460-973787/9	200.0	373.274214	50.0	220798.0	1.866371	Y
8	STD500 460-973787/10	500.0	860.195472	50.0	230877.0	1.720391	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

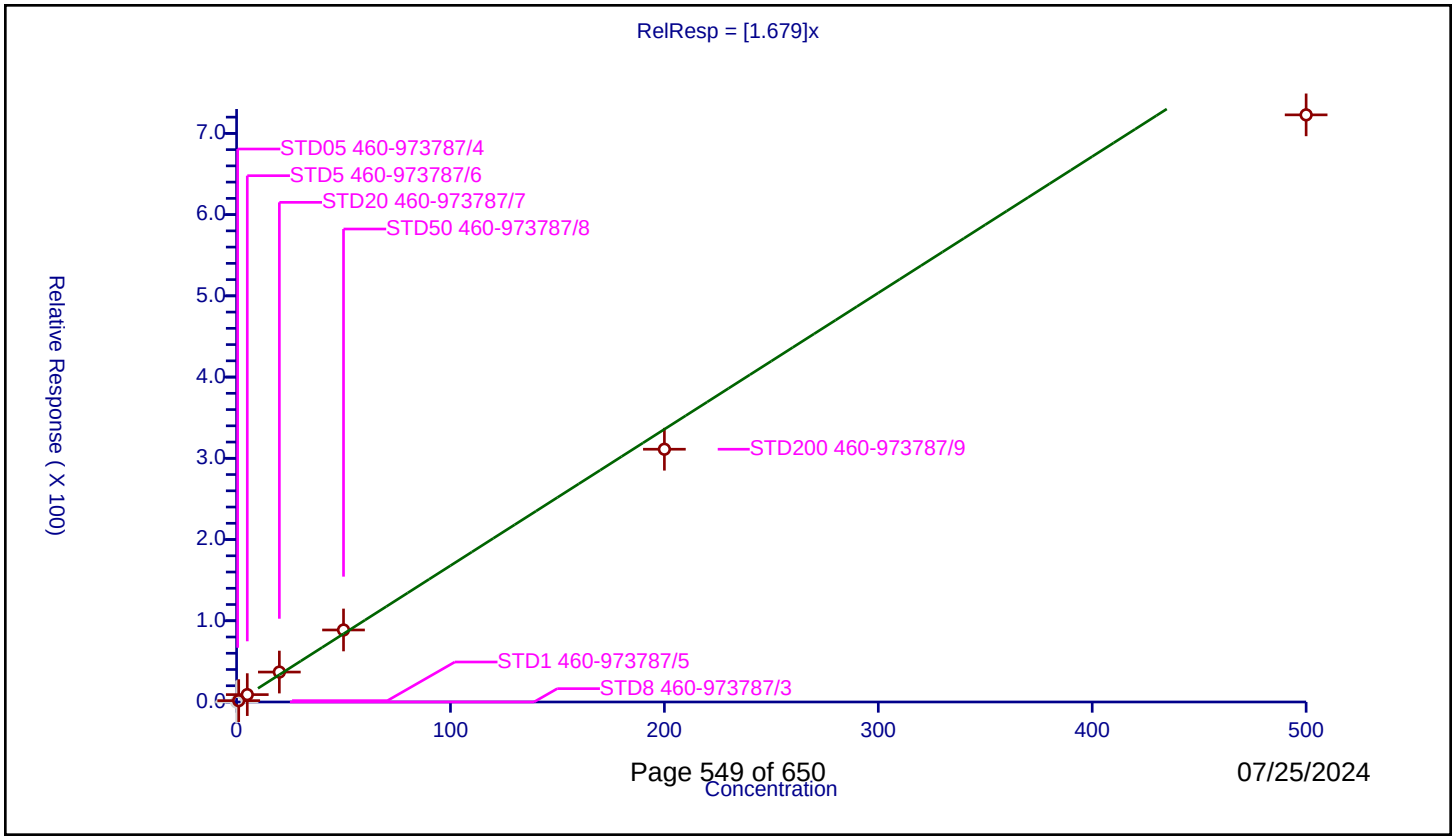
Curve Coefficients

Intercept:	0
Slope:	1.679

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.114526	50.0	215069.0	2.229052	N
3	STD1 460-973787/5	1.0	1.642824	50.0	231796.0	1.642824	Y
4	STD5 460-973787/6	5.0	9.064523	50.0	217055.0	1.812905	Y
5	STD20 460-973787/7	20.0	36.846543	50.0	211089.0	1.842327	Y
6	STD50 460-973787/8	50.0	88.639312	50.0	222799.0	1.772786	Y
7	STD200 460-973787/9	200.0	311.162012	50.0	220798.0	1.55581	Y
8	STD500 460-973787/10	500.0	722.800669	50.0	230877.0	1.445601	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

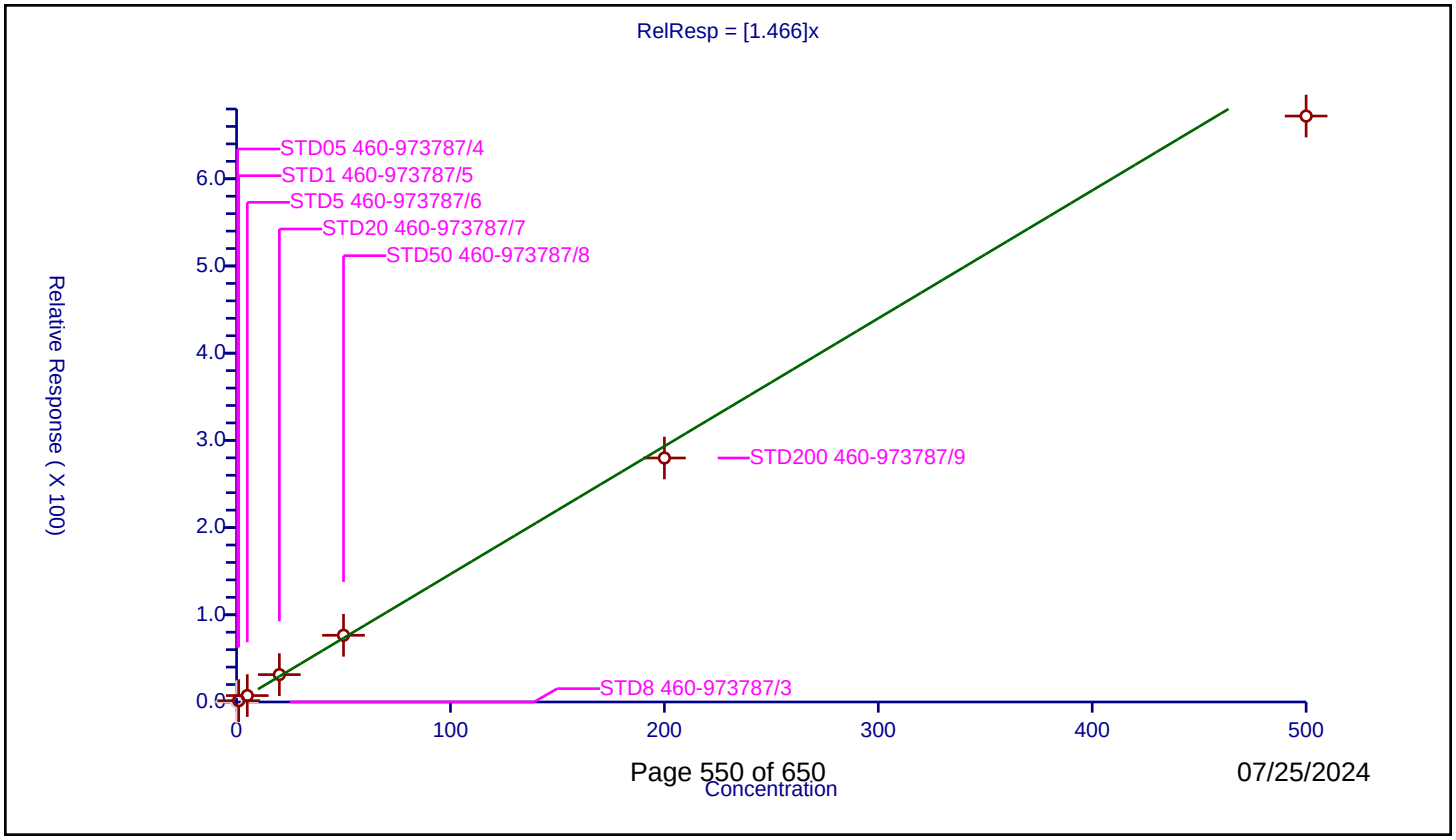
Curve Coefficients

Intercept:	0
Slope:	1.466

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.868326	50.0	215069.0	1.736652	N
3	STD1 460-973787/5	1.0	1.481907	50.0	231796.0	1.481907	Y
4	STD5 460-973787/6	5.0	7.368179	50.0	217055.0	1.473636	Y
5	STD20 460-973787/7	20.0	31.404763	50.0	211089.0	1.570238	Y
6	STD50 460-973787/8	50.0	76.508647	50.0	222799.0	1.530173	Y
7	STD200 460-973787/9	200.0	279.801447	50.0	220798.0	1.399007	Y
8	STD500 460-973787/10	500.0	671.930292	50.0	230877.0	1.343861	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

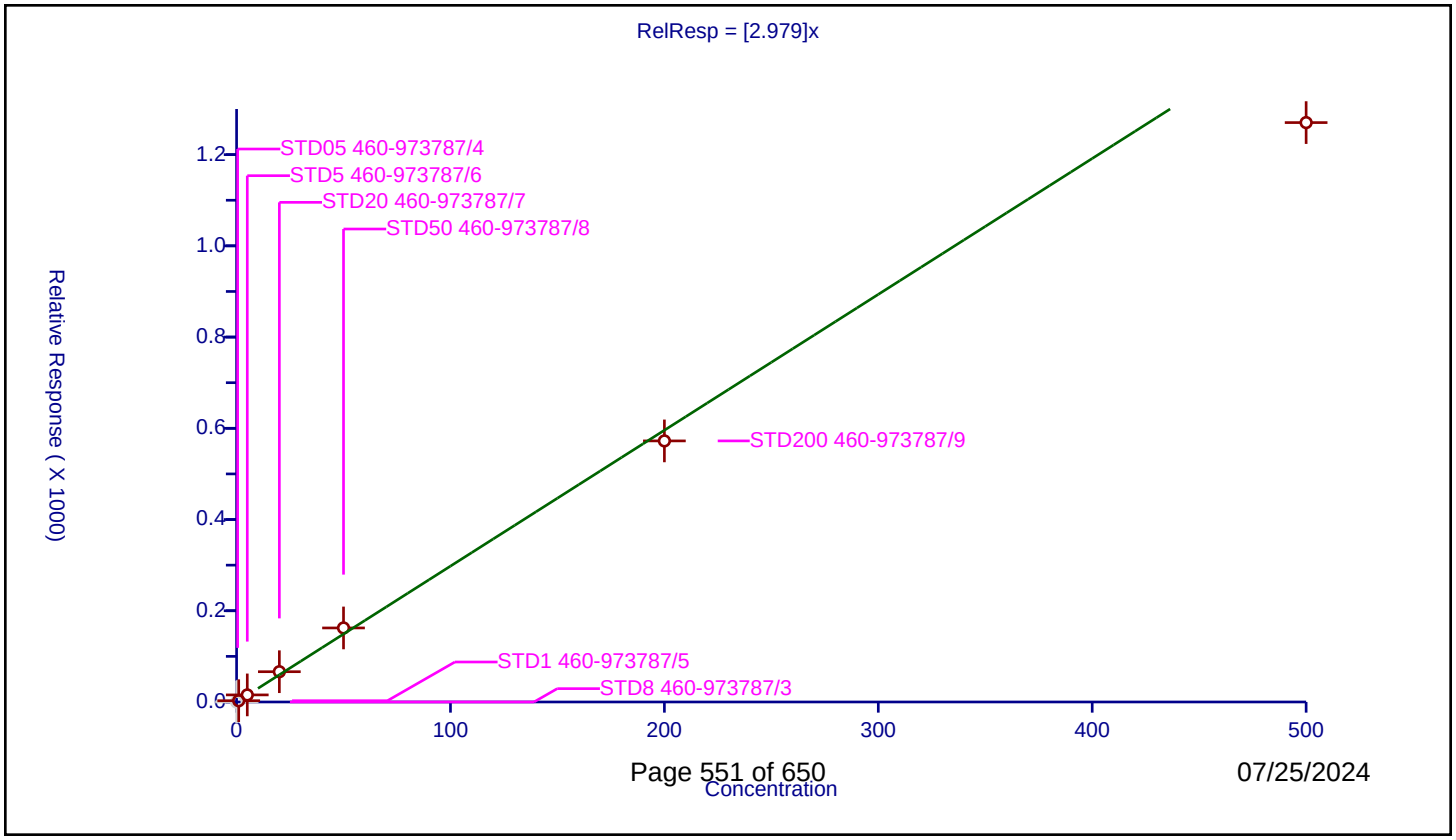
Curve Coefficients

Intercept:	0
Slope:	2.979

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	1.729445	50.0	215069.0	3.45889	N
3	STD1 460-973787/5	1.0	2.805484	50.0	231796.0	2.805484	Y
4	STD5 460-973787/6	5.0	15.492387	50.0	217055.0	3.098477	Y
5	STD20 460-973787/7	20.0	66.389296	50.0	211089.0	3.319465	Y
6	STD50 460-973787/8	50.0	162.32344	50.0	222799.0	3.246469	Y
7	STD200 460-973787/9	200.0	572.376788	50.0	220798.0	2.861884	Y
8	STD500 460-973787/10	500.0	1270.237616	50.0	230877.0	2.540475	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

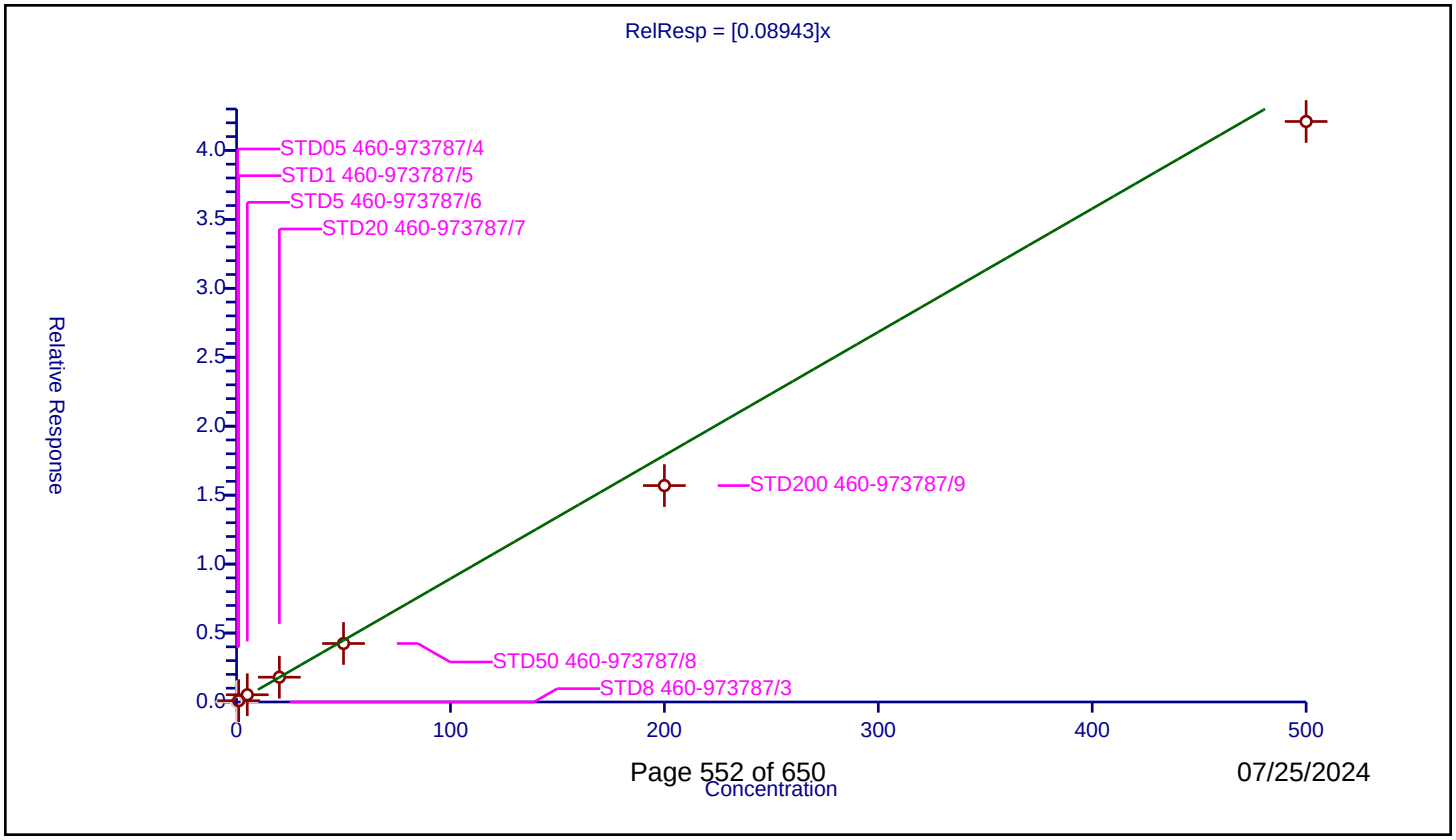
Curve Coefficients

Intercept:	0
Slope:	0.08943

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.057423	50.0	215069.0	0.114847	N
3	STD1 460-973787/5	1.0	0.094048	50.0	231796.0	0.094048	Y
4	STD5 460-973787/6	5.0	0.525904	50.0	217055.0	0.105181	Y
5	STD20 460-973787/7	20.0	1.797583	50.0	211089.0	0.089879	Y
6	STD50 460-973787/8	50.0	4.24194	50.0	222799.0	0.084839	Y
7	STD200 460-973787/9	200.0	15.694209	50.0	220798.0	0.078471	Y
8	STD500 460-973787/10	500.0	42.094708	50.0	230877.0	0.084189	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

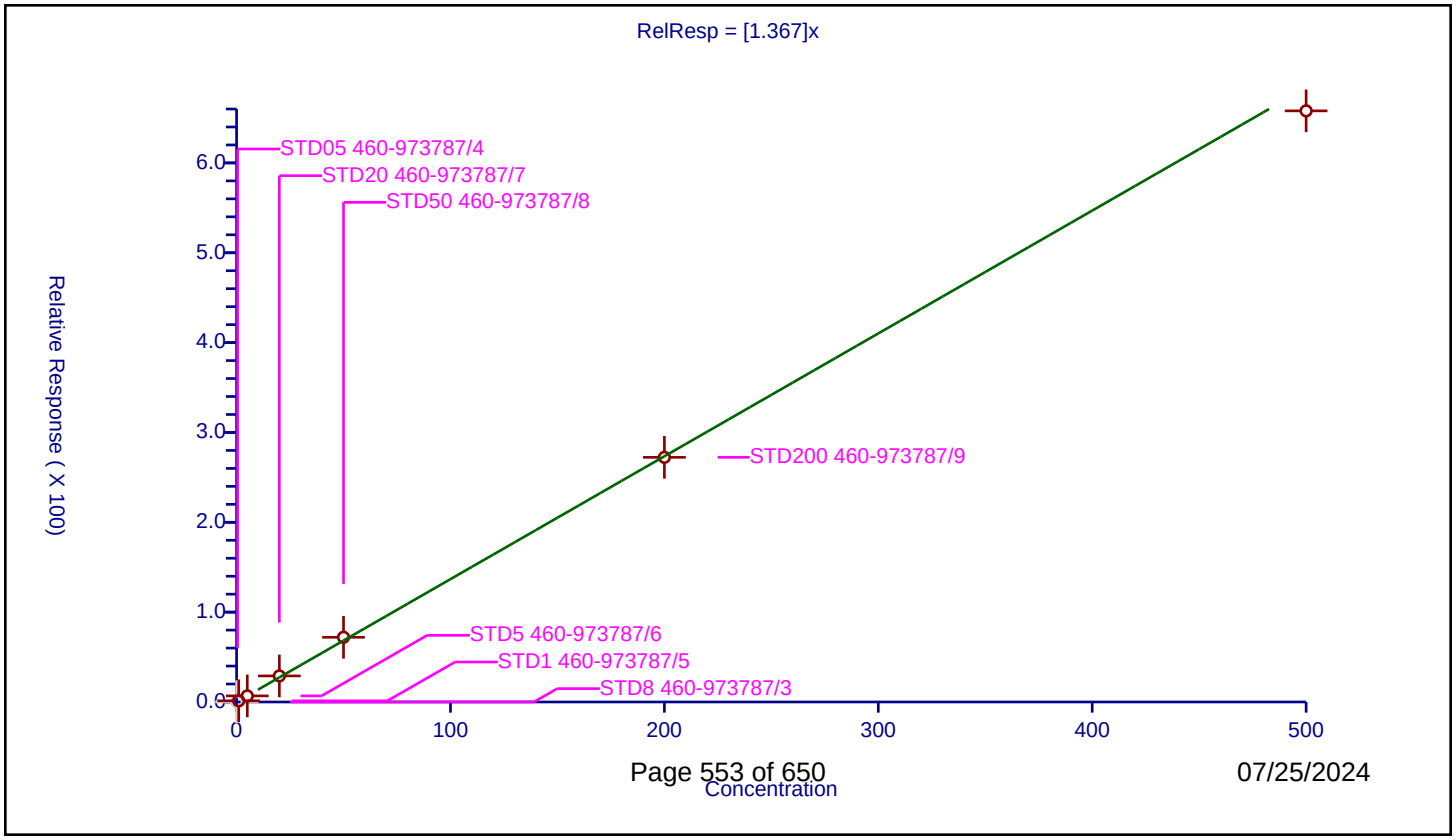
Curve Coefficients

Intercept:	0
Slope:	1.367

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.780215	50.0	215069.0	1.560429	N
3	STD1 460-973787/5	1.0	1.278063	50.0	231796.0	1.278063	Y
4	STD5 460-973787/6	5.0	6.786068	50.0	217055.0	1.357214	Y
5	STD20 460-973787/7	20.0	29.019039	50.0	211089.0	1.450952	Y
6	STD50 460-973787/8	50.0	72.01132	50.0	222799.0	1.440226	Y
7	STD200 460-973787/9	200.0	272.295718	50.0	220798.0	1.361479	Y
8	STD500 460-973787/10	500.0	657.938426	50.0	230877.0	1.315877	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

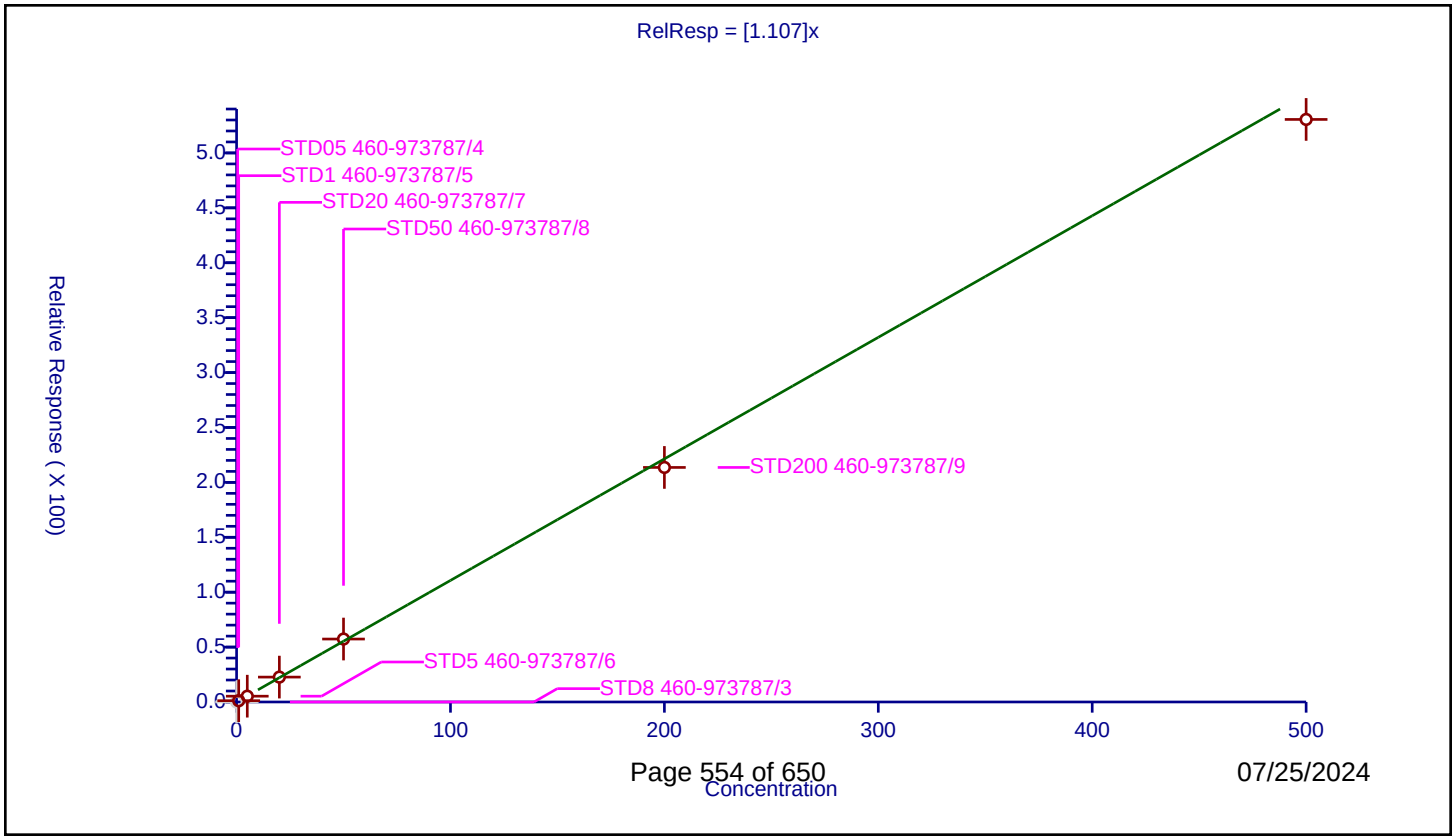
Curve Coefficients

Intercept:	0
Slope:	1.107

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.636075	50.0	215069.0	1.27215	N
3	STD1 460-973787/5	1.0	1.176681	50.0	231796.0	1.176681	Y
4	STD5 460-973787/6	5.0	5.277234	50.0	217055.0	1.055447	Y
5	STD20 460-973787/7	20.0	22.680954	50.0	211089.0	1.134048	Y
6	STD50 460-973787/8	50.0	57.327905	50.0	222799.0	1.146558	Y
7	STD200 460-973787/9	200.0	213.589118	50.0	220798.0	1.067946	Y
8	STD500 460-973787/10	500.0	530.499573	50.0	230877.0	1.060999	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

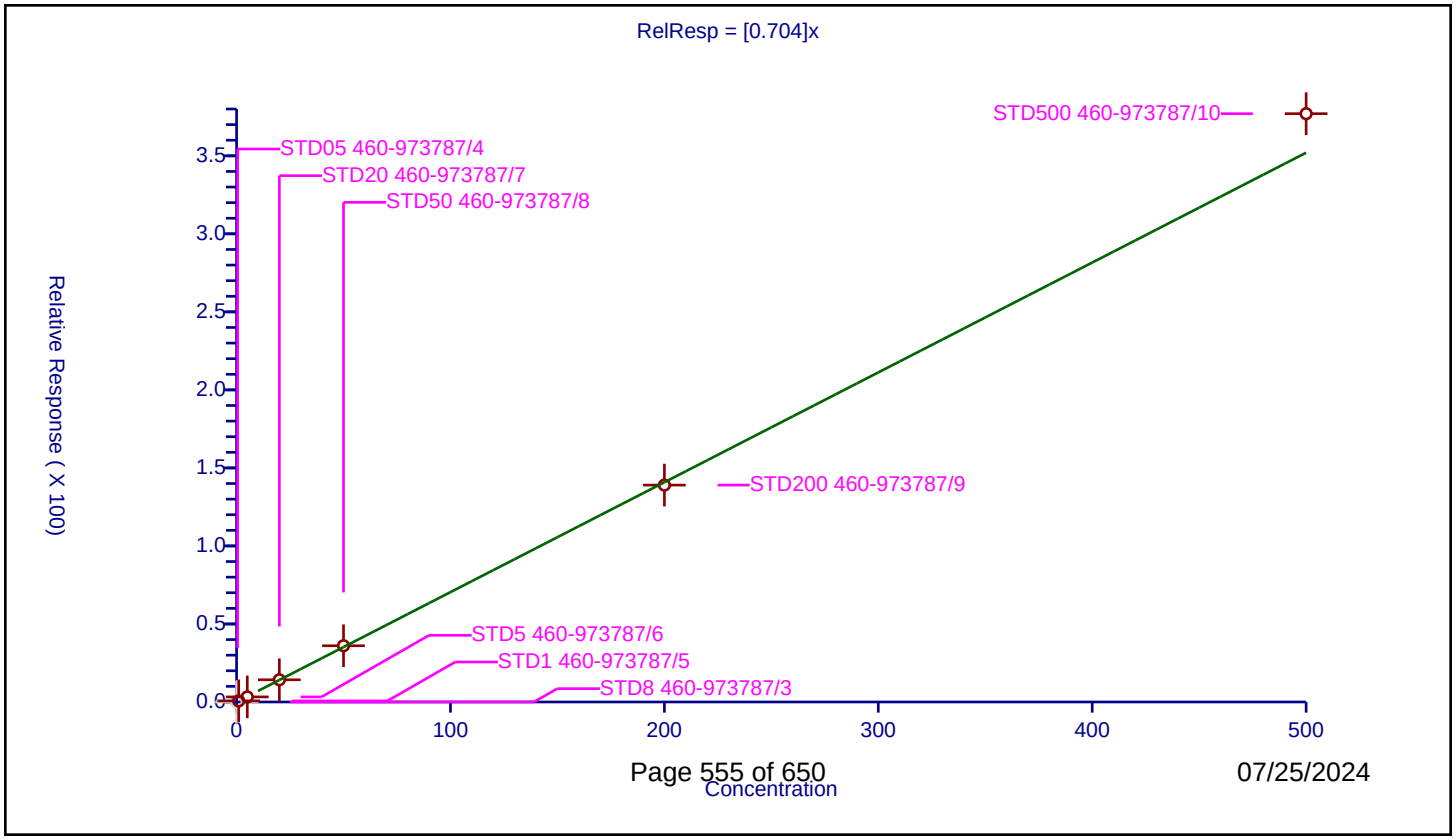
Curve Coefficients

Intercept:	0
Slope:	0.704

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.472871	50.0	215069.0	0.945743	N
3	STD1 460-973787/5	1.0	0.691556	50.0	231796.0	0.691556	Y
4	STD5 460-973787/6	5.0	3.256087	50.0	217055.0	0.651217	Y
5	STD20 460-973787/7	20.0	14.229306	50.0	211089.0	0.711465	Y
6	STD50 460-973787/8	50.0	36.03562	50.0	222799.0	0.720712	Y
7	STD200 460-973787/9	200.0	138.990842	50.0	220798.0	0.694954	Y
8	STD500 460-973787/10	500.0	377.004855	50.0	230877.0	0.75401	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

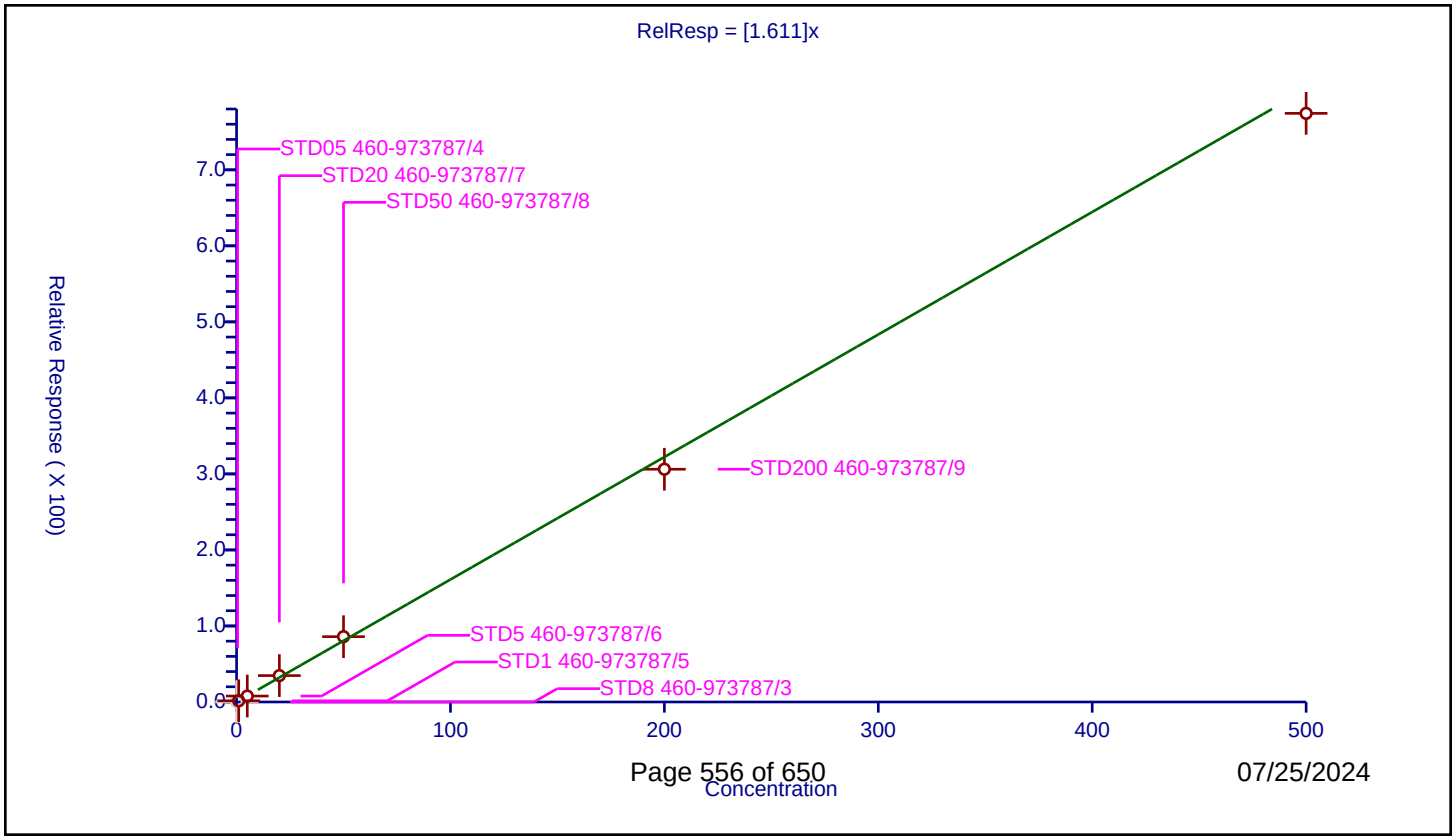
Curve Coefficients

Intercept:	0
Slope:	1.611

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.956205	50.0	215069.0	1.91241	N
3	STD1 460-973787/5	1.0	1.576386	50.0	231796.0	1.576386	Y
4	STD5 460-973787/6	5.0	7.792956	50.0	217055.0	1.558591	Y
5	STD20 460-973787/7	20.0	34.697924	50.0	211089.0	1.734896	Y
6	STD50 460-973787/8	50.0	85.926777	50.0	222799.0	1.718536	Y
7	STD200 460-973787/9	200.0	306.162646	50.0	220798.0	1.530813	Y
8	STD500 460-973787/10	500.0	774.277862	50.0	230877.0	1.548556	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

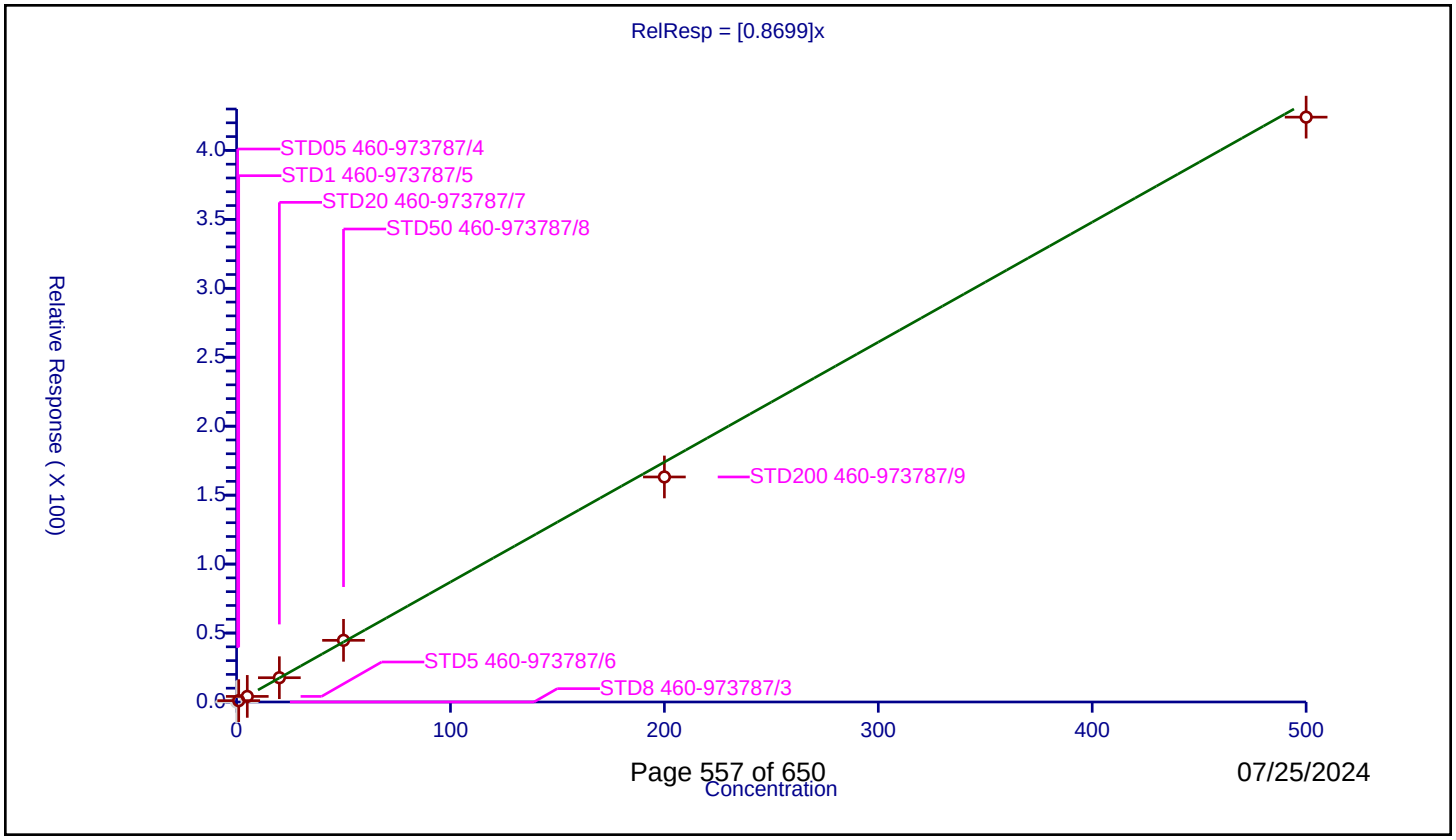
Curve Coefficients

Intercept:	0
Slope:	0.8699

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-973787/3	0.0	0.0	50.0	226408.0	NaN	N
2	STD05 460-973787/4	0.5	0.565632	50.0	215069.0	1.131265	N
3	STD1 460-973787/5	1.0	0.97176	50.0	231796.0	0.97176	Y
4	STD5 460-973787/6	5.0	4.041602	50.0	217055.0	0.80832	Y
5	STD20 460-973787/7	20.0	17.613661	50.0	211089.0	0.880683	Y
6	STD50 460-973787/8	50.0	44.71968	50.0	222799.0	0.894394	Y
7	STD200 460-973787/9	200.0	163.178108	50.0	220798.0	0.815891	Y
8	STD500 460-973787/10	500.0	424.107425	50.0	230877.0	0.848215	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Lab Sample ID: ICV 460-973787/16 Calibration Date: 05/09/2024 13:03

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT80112.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.1175	0.1256		21.4	20.0	6.9	30.0
1,1-Difluoroethane	Ave	0.1690	0.1961		23.2	20.0	16.0	30.0
Dichlorodifluoromethane	Ave	0.3630	0.2884	0.1000	15.9	20.0	-20.6	30.0
Chlorodifluoromethane	Ave	0.0569	0.0496		17.4	20.0	-12.8	30.0
Chloromethane	Ave	0.3510	0.3161	0.1000	18.0	20.0	-9.9	30.0
Butadiene	Ave	0.3042	0.2582		17.0	20.0	-15.1	30.0
Vinyl chloride	Ave	0.3249	0.3120	0.1000	19.2	20.0	-4.0	30.0
Bromomethane	Ave	0.2063	0.2114	0.1000	20.5	20.0	2.5	30.0
Chloroethane	Ave	0.1814	0.1787	0.1000	19.7	20.0	-1.5	30.0
Dichlorofluoromethane	Ave	0.5920	0.5252		17.7	20.0	-11.3	30.0
Trichlorofluoromethane	Ave	0.3934	0.3484	0.1000	17.7	20.0	-11.4	30.0
Pentane	Ave	0.0540	0.0376		27.9	40.0	-30.3*	30.0
Ethanol	Ave	0.3644	0.2967		652	800	-18.6	30.0
Ethyl ether	Ave	0.1501	0.1470		19.6	20.0	-2.0	30.0
2-Methyl-1,3-butadiene	Ave	0.2737	0.2521		18.4	20.0	-7.9	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2771	0.3035		21.9	20.0	9.5	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4304	0.4853		22.5	20.0	12.7	30.0
Acrolein	Ave	0.0324	0.0199		24.3	39.5	-38.6*	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2797	0.2971	0.1000	21.2	20.0	6.2	30.0
1,1-Dichloroethene	Ave	0.2806	0.3060	0.1000	21.8	20.0	9.1	30.0
Acetone	Ave	0.8442	0.7303	0.0500	86.5	100	-13.5	30.0
Iodomethane	Ave	0.5182	0.5492		21.2	20.0	6.0	30.0
Isopropyl alcohol	Ave	3.934	3.591		183	200	-8.7	30.0
Carbon disulfide	Ave	1.076	1.055	0.1000	19.6	20.0	-1.9	30.0
3-Chloro-1-propene	Ave	0.1909	0.1942		20.3	20.0	1.7	30.0
Methyl acetate	Ave	0.1149	0.1128	0.1000	39.3	40.0	-1.8	30.0
Cyclopentene	Ave	0.6389	0.5696		17.8	20.0	-10.8	30.0
Acetonitrile	Ave	0.3426	0.3725		217	200	8.7	30.0
Methylene Chloride	Ave	0.3139	0.3371	0.1000	21.5	20.0	7.4	30.0
2-Methyl-2-propanol	Ave	6.354	6.273		197	200	-1.3	30.0
Methyl tert-butyl ether	Ave	0.6635	0.6993	0.1000	21.1	20.0	5.4	30.0
trans-1,2-Dichloroethene	Ave	0.3143	0.3167	0.1000	20.2	20.0	0.8	30.0
Acrylonitrile	Ave	0.0607	0.0609		201	200	0.3	30.0
Hexane	Ave	0.3951	0.3833		19.4	20.0	-3.0	30.0
Isopropyl ether	Ave	0.9468	0.9311		19.7	20.0	-1.7	30.0
1,1-Dichloroethane	Ave	0.5274	0.5600	0.2000	21.2	20.0	6.2	30.0
Vinyl acetate	Ave	0.6968	0.7853		45.1	40.0	12.7	30.0
2-Chloro-1,3-butadiene	Ave	0.2641	0.2747		20.8	20.0	4.0	30.0
Tert-butyl ethyl ether	Ave	0.8229	0.8653		21.0	20.0	5.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Lab Sample ID: ICV 460-973787/16 Calibration Date: 05/09/2024 13:03

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT80112.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.1113	0.1124		20.2	20.0	1.1	30.0
cis-1,2-Dichloroethene	Ave	0.3281	0.3405	0.1000	20.8	20.0	3.8	30.0
2-Butanone (MEK)	Ave	0.3150	0.3096	0.0500	98.3	100	-1.7	30.0
Ethyl acetate	Ave	0.3486	0.3556		40.8	40.0	2.0	30.0
Methyl acrylate	Ave	0.1405	0.1317		18.8	20.0	-6.2	30.0
Propionitrile	Ave	8.820	8.328		189	200	-5.6	30.0
Tetrahydrofuran	Ave	0.3509	0.3399		38.7	40.0	-3.1	30.0
Chlorobromomethane	Ave	0.1381	0.1372		19.9	20.0	-0.7	30.0
Methacrylonitrile	Ave	0.0650	0.0693		213	200	6.5	30.0
Chloroform	Ave	0.4806	0.5102	0.2000	21.2	20.0	6.2	30.0
Cyclohexane	Ave	0.4319	0.4377	0.1000	20.3	20.0	1.3	30.0
1,1,1-Trichloroethane	Ave	0.4122	0.4505	0.1000	21.9	20.0	9.3	30.0
Carbon tetrachloride	Ave	0.3646	0.3790	0.1000	20.8	20.0	4.0	30.0
1,1-Dichloropropene	Ave	0.3880	0.3918		20.2	20.0	1.0	30.0
Isobutyl alcohol	Ave	2.792	2.506		449	500	-10.2	30.0
Isooctane	Ave	0.9912	1.007		20.3	20.0	1.6	30.0
Benzene	Ave	1.595	1.673	0.5000	21.0	20.0	4.9	30.0
Isopropyl acetate	Ave	0.1071	0.1052		19.6	20.0	-1.8	30.0
Tert-amyl methyl ether	Ave	0.7012	0.7475		21.3	20.0	6.6	30.0
1,2-Dichloroethane	Ave	0.2827	0.2790	0.1000	19.7	20.0	-1.3	30.0
n-Heptane	Lin2		0.0717		20.6	20.0	2.8	30.0
n-Butanol	QuaF		1.465		480	500	-3.9	30.0
Trichloroethene	Ave	0.2889	0.2940	0.2000	20.3	20.0	1.7	30.0
Ethyl acrylate	QuaF		0.0355		25.9	20.0	29.7	30.0
Methylcyclohexane	Ave	0.4984	0.4940	0.1000	19.8	20.0	-0.9	30.0
1,2-Dichloropropane	Ave	0.2898	0.3058	0.1000	21.1	20.0	5.5	30.0
Methyl methacrylate	Ave	0.0467	0.0479		41.0	40.0	2.5	30.0
1,4-Dioxane	Ave	1.132	0.9563		338	400	-15.5	30.0
Dibromomethane	Ave	0.1276	0.1372		21.5	20.0	7.6	30.0
n-Propyl acetate	Ave	0.2207	0.2189		19.8	20.0	-0.8	30.0
Dichlorobromomethane	Ave	0.3372	0.3455	0.2000	20.5	20.0	2.5	30.0
2-Nitropropane	QuaF		0.0426		51.0	40.0	27.6	30.0
2-Chloroethyl vinyl ether	Ave	0.1244	0.1184		19.0	20.0	-4.8	30.0
Epichlorohydrin	QuaF		0.2730		23.3	20.0	16.3	30.0
cis-1,3-Dichloropropene	Ave	0.5962	0.5786	0.2000	19.4	20.0	-2.9	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.066	1.132	0.0500	106	100	6.2	30.0
Toluene	Ave	1.659	1.687	0.4000	20.3	20.0	1.7	30.0
trans-1,3-Dichloropropene	Ave	0.4566	0.4958	0.1000	21.7	20.0	8.6	30.0
Ethyl methacrylate	Ave	0.3806	0.3740		19.7	20.0	-1.7	30.0
1,1,2-Trichloroethane	Ave	0.2161	0.2374	0.1000	22.0	20.0	9.9	30.0
Tetrachloroethene	Ave	0.4032	0.4206	0.2000	20.9	20.0	4.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Lab Sample ID: ICV 460-973787/16 Calibration Date: 05/09/2024 13:03

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT80112.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4294	0.4587		21.4	20.0	6.8	30.0
2-Hexanone	Ave	1.617	1.639	0.0500	101	100	1.4	30.0
n-Butyl acetate	Ave	0.3635	0.3677		20.2	20.0	1.2	30.0
Chlorodibromomethane	Ave	0.3088	0.3160	0.1000	20.5	20.0	2.3	30.0
Ethylene Dibromide	Ave	0.2440	0.2495	0.1000	20.5	20.0	2.3	30.0
Chlorobenzene	Ave	0.9879	1.046	0.5000	21.2	20.0	5.8	30.0
Ethylbenzene	Ave	0.5593	0.5859	0.1000	21.0	20.0	4.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3904	0.4055		20.8	20.0	3.9	30.0
m-Xylene & p-Xylene	Ave	0.6884	0.7304	0.1000	21.2	20.0	6.1	30.0
n-Butyl acrylate	Ave	0.2289	0.2226		19.4	20.0	-2.8	30.0
o-Xylene	Ave	0.7103	0.7398	0.3000	20.8	20.0	4.2	30.0
Styrene	Ave	1.121	1.199	0.3000	21.4	20.0	7.0	30.0
Amyl acetate (mixed isomers)	Ave	0.9474	0.9031		19.1	20.0	-4.7	30.0
Bromoform	Ave	0.1872	0.2051	0.1000	21.9	20.0	9.5	30.0
Isopropylbenzene	Ave	1.632	1.950	0.1000	23.9	20.0	19.5	30.0
Bromobenzene	Ave	0.8176	0.8477		20.7	20.0	3.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5607	0.6042	0.3000	21.6	20.0	7.8	30.0
N-Propylbenzene	Ave	4.066	4.434		21.8	20.0	9.1	30.0
1,2,3-Trichloropropane	Ave	0.1547	0.1537		19.9	20.0	-0.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1274	0.1446		22.7	20.0	13.5	30.0
2-Chlorotoluene	Ave	2.811	2.956		21.0	20.0	5.2	30.0
4-Ethyltoluene	Ave	3.372	3.520		20.9	20.0	4.4	30.0
1,3,5-Trimethylbenzene	Ave	2.862	3.125		21.8	20.0	9.2	30.0
4-Chlorotoluene	Ave	2.514	2.637		21.0	20.0	4.9	30.0
Butyl Methacrylate	Ave	0.9921	1.030		20.8	20.0	3.8	30.0
tert-Butylbenzene	Ave	2.339	2.489		21.3	20.0	6.4	30.0
1,2,4-Trimethylbenzene	Ave	2.972	3.225		21.7	20.0	8.5	30.0
sec-Butylbenzene	Ave	3.690	4.003		21.7	20.0	8.5	30.0
1,3-Dichlorobenzene	Ave	1.589	1.699	0.6000	21.4	20.0	6.9	30.0
4-Isopropyltoluene	Ave	3.157	3.367		21.3	20.0	6.6	30.0
1,4-Dichlorobenzene	Ave	1.540	1.665	0.5000	21.6	20.0	8.1	30.0
1,2,3-Trimethylbenzene	Ave	3.084	3.128		20.3	20.0	1.4	30.0
Benzyl chloride	Ave	1.192	1.266		21.2	20.0	6.2	30.0
Indan	Ave	2.773	2.908		21.0	20.0	4.9	30.0
p-Diethylbenzene	Ave	1.993	2.074		20.8	20.0	4.0	30.0
n-Butylbenzene	Ave	1.679	1.809		21.6	20.0	7.8	30.0
1,2-Dichlorobenzene	Ave	1.466	1.551	0.4000	21.2	20.0	5.8	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.979	3.239		21.7	20.0	8.7	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.0894	0.0821	0.0500	18.4	20.0	-8.2	30.0
1,3,5-Trichlorobenzene	Ave	1.367	1.456		21.3	20.0	6.5	30.0
1,2,4-Trichlorobenzene	Ave	1.107	1.177	0.2000	21.3	20.0	6.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Lab Sample ID: ICV 460-973787/16 Calibration Date: 05/09/2024 13:03

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT80112.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.7040	0.7456		21.2	20.0	5.9	30.0
Naphthalene	Ave	1.611	1.711		21.2	20.0	6.2	30.0
1,2,3-Trichlorobenzene	Ave	0.8699	0.8841		20.3	20.0	1.6	30.0
Monochloropentafluoroethane	Ave	0.0046	0.0003		5.00	20.0	-92.7*	30.0
Dibromofluoromethane (Surr)	Ave	0.2434	0.2508		51.5	50.0	3.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2339	0.2339		50.0	50.0	0.0	30.0
Toluene-d8 (Surr)	Ave	1.335	1.335		50.0	50.0	-0.0	30.0
4-Bromofluorobenzene	Ave	0.4120	0.4118		50.0	50.0	-0.0	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80112.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 09-May-2024 13:03:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0175641-016
Operator ID: Instrument ID: CVOAMS17
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 12-May-2024 13:17:21 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: FK2C Date: 09-May-2024 13:42:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.366	1.366	0.000	59	29538	20.0	21.4	
2 1,1-Difluoroethane	65	1.372	1.366	0.006	97	46098	20.0	23.2	
4 Dichlorodifluoromethane	85	1.390	1.391	-0.001	98	67802	20.0	15.9	
5 Chlorodifluoromethane	67	1.409	1.409	0.000	98	11661	20.0	17.4	a
6 Chloromethane	50	1.555	1.549	0.006	99	74330	20.0	18.0	
7 Vinyl chloride	62	1.640	1.641	-0.001	98	73348	20.0	19.2	
8 Butadiene	54	1.640	1.641	-0.001	89	60699	20.0	17.0	
9 Bromomethane	94	1.902	1.897	0.005	99	49704	20.0	20.5	
10 Chloroethane	64	1.969	1.964	0.005	99	42011	20.0	19.7	
11 Dichlorofluoromethane	67	2.134	2.134	0.000	98	123492	20.0	17.7	
12 Trichlorofluoromethane	101	2.134	2.140	-0.006	64	81917	20.0	17.7	
13 Pentane	72	2.165	2.159	0.006	97	17685	40.0	27.9	
14 Ethanol	46	2.305	2.329	-0.024	66	6635	800.0	651.5	a
15 Ethyl ether	74	2.341	2.336	0.005	96	34567	20.0	19.6	
16 2-Methyl-1,3-butadiene	53	2.360	2.360	0.000	96	59268	20.0	18.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.408	2.390	0.018	83	71359	20.0	21.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.457	2.457	0.000	90	114097	20.0	22.5	
19 Acrolein	56	2.500	2.500	0.000	52	9239	39.5	24.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.524	2.525	-0.001	93	69848	20.0	21.2	a
21 1,1-Dichloroethene	96	2.536	2.537	-0.001	98	71957	20.0	21.8	
22 Acetone	43	2.616	2.616	0.000	88	48425	100.0	86.5	
23 Iodomethane	142	2.683	2.683	0.000	97	129133	20.0	21.2	
25 Isopropyl alcohol	45	2.695	2.695	0.000	34	20072	200.0	182.6	
24 Carbon disulfide	76	2.713	2.714	-0.001	99	248128	20.0	19.6	
26 3-Chloro-1-propene	76	2.841	2.835	0.006	94	45653	20.0	20.3	
27 Methyl acetate	43	2.847	2.848	-0.001	58	53054	40.0	39.3	
28 Cyclopentene	67	2.860	2.860	0.000	92	133938	20.0	17.8	
29 Acetonitrile	41	2.896	2.902	-0.006	95	49398	200.0	217.4	a
* 31 TBA-d9 (IS)	66	2.945	2.951	-0.006	0	27950	1000.0	1000.0	
30 Methylene Chloride	84	2.963	2.957	0.006	92	79272	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.018	3.012	0.006	97	35067	200.0	197.4	
33 Methyl tert-butyl ether	73	3.116	3.110	0.006	97	164434	20.0	21.1	
34 trans-1,2-Dichloroethene	96	3.140	3.140	0.000	95	74456	20.0	20.2	
35 Acrylonitrile	53	3.207	3.201	0.006	95	143134	200.0	200.6	
36 Hexane	57	3.286	3.293	-0.007	93	90123	20.0	19.4	
37 Isopropyl ether	45	3.494	3.488	0.006	95	218931	20.0	19.7	
38 1,1-Dichloroethane	63	3.518	3.518	0.000	99	131671	20.0	21.2	
39 Vinyl acetate	86	3.530	3.524	0.006	100	20829	40.0	45.1	
40 2-Chloro-1,3-butadiene	88	3.561	3.567	-0.006	90	64584	20.0	20.8	
41 Tert-butyl ethyl ether	59	3.798	3.793	0.005	88	203450	20.0	21.0	
* 42 2-Butanone-d5	46	3.981	3.982	-0.001	0	165766	250.0	250.0	
43 2,2-Dichloropropane	97	4.006	4.006	0.000	88	26438	20.0	20.2	
44 cis-1,2-Dichloroethene	96	4.024	4.024	0.000	97	80052	20.0	20.8	
45 2-Butanone (MEK)	72	4.036	4.030	0.006	96	20527	100.0	98.3	
46 Ethyl acetate	70	4.036	4.036	0.000	94	9432	40.0	40.8	
47 Methyl acrylate	55	4.091	4.085	0.006	99	30974	20.0	18.8	
48 Propionitrile	54	4.164	4.164	0.000	98	46552	200.0	188.8	
50 Tetrahydrofuran	72	4.237	4.232	0.005	53	9015	40.0	38.7	
49 Chlorobromomethane	128	4.243	4.238	0.005	84	32260	20.0	19.9	
51 Methacrylonitrile	67	4.262	4.262	0.000	90	162868	200.0	213.1	
52 Chloroform	83	4.292	4.292	0.000	99	119952	20.0	21.2	
53 Cyclohexane	84	4.426	4.427	-0.001	92	102904	20.0	20.3	
54 1,1,1-Trichloroethane	97	4.439	4.433	0.006	97	105916	20.0	21.9	
$ 55 Dibromofluoromethane (Surr)	113	4.445	4.445	0.000	98	147404	50.0	51.5	
56 Carbon tetrachloride	117	4.554	4.555	-0.001	99	89118	20.0	20.8	
57 1,1-Dichloropropene	75	4.579	4.579	0.000	98	92133	20.0	20.2	
58 Isobutyl alcohol	43	4.701	4.695	0.006	96	35027	500.0	448.9	
59 Isooctane	57	4.749	4.744	0.005	99	236697	20.0	20.3	
60 Benzene	78	4.774	4.774	0.000	97	281559	20.0	21.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.786	4.786	0.000	0	137503	50.0	50.0	
63 Isopropyl acetate	61	4.835	4.835	0.000	94	24746	20.0	19.6	
62 Tert-amyl methyl ether	73	4.841	4.835	0.006	92	175745	20.0	21.3	
64 1,2-Dichloroethane	62	4.859	4.859	0.000	96	65602	20.0	19.7	
65 n-Heptane	100	4.932	4.926	0.006	91	16857	20.0	20.6	
* 66 Fluorobenzene	96	5.054	5.055	-0.001	99	587812	50.0	50.0	
67 n-Butanol	56	5.353	5.347	0.006	93	20467	500.0	480.4	
68 Trichloroethene	95	5.402	5.402	0.000	100	69121	20.0	20.3	
69 Methylcyclohexane	83	5.524	5.524	0.000	85	116158	20.0	19.8	
70 Ethyl acrylate	99	5.524	5.530	-0.006	93	8355	20.0	25.9	a
71 1,2-Dichloropropane	63	5.682	5.682	0.000	94	71899	20.0	21.1	
* 72 1,4-Dioxane-d8	96	5.731	5.731	0.000	0	17586	1000.0	1000.0	
73 Methyl methacrylate	100	5.761	5.762	-0.001	87	22519	40.0	41.0	
75 1,4-Dioxane	88	5.792	5.786	0.006	48	6727	400.0	337.8	
74 Dibromomethane	93	5.810	5.810	0.000	96	32266	20.0	21.5	
76 n-Propyl acetate	43	5.822	5.817	0.005	98	51461	20.0	19.8	
77 Dichlorobromomethane	83	5.957	5.957	-0.001	99	81240	20.0	20.5	
79 2-Chloroethyl vinyl ether	63	6.298	6.292	0.006	82	27841	20.0	19.0	
78 2-Nitropropane	41	6.292	6.292	0.000	79	20026	40.0	51.0	
80 Epichlorohydrin	57	6.402	6.396	0.006	89	3620	20.0	23.3	
81 cis-1,3-Dichloropropene	75	6.450	6.451	-0.001	91	97384	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	58	6.621	6.621	0.000	96	75050	100.0	106.2	
$ 83 Toluene-d8 (Surr)	98	6.694	6.694	0.000	99	561525	50.0	50.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.773	6.774	-0.001	93	283886	20.0	20.3	
85 trans-1,3-Dichloropropene	75	7.121	7.115	0.006	97	83448	20.0	21.7	
86 Ethyl methacrylate	69	7.151	7.158	-0.007	87	62944	20.0	19.7	
87 1,1,2-Trichloroethane	83	7.334	7.328	0.006	98	39951	20.0	22.0	
88 Tetrachloroethene	166	7.371	7.377	-0.006	98	70791	20.0	20.9	
89 1,3-Dichloropropane	76	7.542	7.542	0.000	92	77194	20.0	21.4	
90 2-Hexanone	43	7.603	7.603	0.000	95	108693	100.0	101.4	
91 n-Butyl acetate	43	7.724	7.725	-0.001	99	61881	20.0	20.2	
92 Chlorodibromomethane	129	7.767	7.761	0.006	98	53188	20.0	20.5	
93 Ethylene Dibromide	107	7.913	7.914	-0.001	97	41999	20.0	20.5	
* 94 Chlorobenzene-d5	117	8.462	8.462	0.000	86	420753	50.0	50.0	
95 Chlorobenzene	112	8.499	8.499	0.000	95	175969	20.0	21.2	
96 Ethylbenzene	106	8.608	8.603	0.005	98	98608	20.0	21.0	
97 1,1,1,2-Tetrachloroethane	131	8.621	8.621	0.000	95	68245	20.0	20.8	
98 m-Xylene & p-Xylene	106	8.767	8.767	0.000	0	122923	20.0	21.2	
100 n-Butyl acrylate	73	9.273	9.273	0.000	96	37464	20.0	19.4	
99 o-Xylene	106	9.279	9.279	0.000	94	124514	20.0	20.8	
101 Styrene	104	9.310	9.310	0.000	96	201839	20.0	21.4	
103 Amyl acetate (mixed isomers)	43	9.547	9.548	-0.001	91	79100	20.0	19.1	
102 Bromoform	173	9.553	9.548	0.005	76	34520	20.0	21.9	
104 Isopropylbenzene	105	9.706	9.700	0.006	96	328243	20.0	23.9	
$ 105 4-Bromofluorobenzene	174	9.919	9.919	0.000	92	173272	50.0	50.0	
106 Bromobenzene	156	10.065	10.066	-0.001	98	74245	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	10.126	10.127	-0.001	99	52923	20.0	21.6	
108 N-Propylbenzene	91	10.157	10.157	0.000	99	388379	20.0	21.8	
109 1,2,3-Trichloropropane	110	10.175	10.175	0.000	97	13465	20.0	19.9	
110 trans-1,4-Dichloro-2-butene	53	10.200	10.200	0.000	92	12669	20.0	22.7	
111 2-Chlorotoluene	91	10.261	10.261	0.000	97	258934	20.0	21.0	
112 4-Ethyltoluene	105	10.279	10.279	0.000	97	308291	20.0	20.9	
113 1,3,5-Trimethylbenzene	105	10.352	10.352	0.000	93	273712	20.0	21.8	
114 4-Chlorotoluene	91	10.382	10.383	-0.001	98	230985	20.0	21.0	
115 Butyl Methacrylate	87	10.468	10.468	0.000	88	90192	20.0	20.8	
116 tert-Butylbenzene	119	10.657	10.657	0.000	94	218018	20.0	21.3	
117 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	98	282499	20.0	21.7	
118 sec-Butylbenzene	105	10.870	10.870	0.000	99	350591	20.0	21.7	
119 1,3-Dichlorobenzene	146	10.998	10.998	0.000	97	148841	20.0	21.4	
120 4-Isopropyltoluene	119	11.010	11.011	-0.001	98	294910	20.0	21.3	
* 121 1,4-Dichlorobenzene-d4	152	11.071	11.072	-0.001	95	218965	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.090	11.090	0.000	96	145871	20.0	21.6	
123 1,2,3-Trimethylbenzene	105	11.114	11.114	0.000	99	273931	20.0	20.3	
124 Benzyl chloride	91	11.230	11.230	0.000	99	110855	20.0	21.2	
125 2,3-Dihydroindene	117	11.291	11.291	0.000	94	254738	20.0	21.0	
126 p-Diethylbenzene	119	11.358	11.358	0.000	93	181649	20.0	20.8	
127 n-Butylbenzene	92	11.376	11.376	0.000	98	158448	20.0	21.6	
128 1,2-Dichlorobenzene	146	11.425	11.425	0.000	96	135876	20.0	21.2	
129 1,2,4,5-Tetramethylbenzene	119	12.022	12.023	-0.001	98	283695	20.0	21.7	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.102	0.000	95	7191	20.0	18.4	
131 1,3,5-Trichlorobenzene	180	12.217	12.218	-0.001	97	127484	20.0	21.3	
132 1,2,4-Trichlorobenzene	180	12.717	12.718	-0.001	94	103083	20.0	21.3	
133 Hexachlorobutadiene	225	12.803	12.803	0.000	98	65304	20.0	21.2	
134 Naphthalene	128	12.906	12.907	-0.001	99	149828	20.0	21.2	
135 1,2,3-Trichlorobenzene	180	13.089	13.090	-0.001	96	77434	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.9	
S 137 Xylenes, Total	100				0		40.0	42.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	41.1	
S 140 Total BTEX	1				0		100.0	104.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN SP_00164	Amount Added:	4.00	Units: uL	
GAS C SP_00566	Amount Added:	20.00	Units: uL	
7 Freons SS_00013	Amount Added:	20.00	Units: uL	
8260 SP_00179	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00072	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 12-May-2024 13:17:24 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80112.D

Injection Date: 09-May-2024 13:03:30 Instrument ID: CVOAMS17

Lims ID: ICV

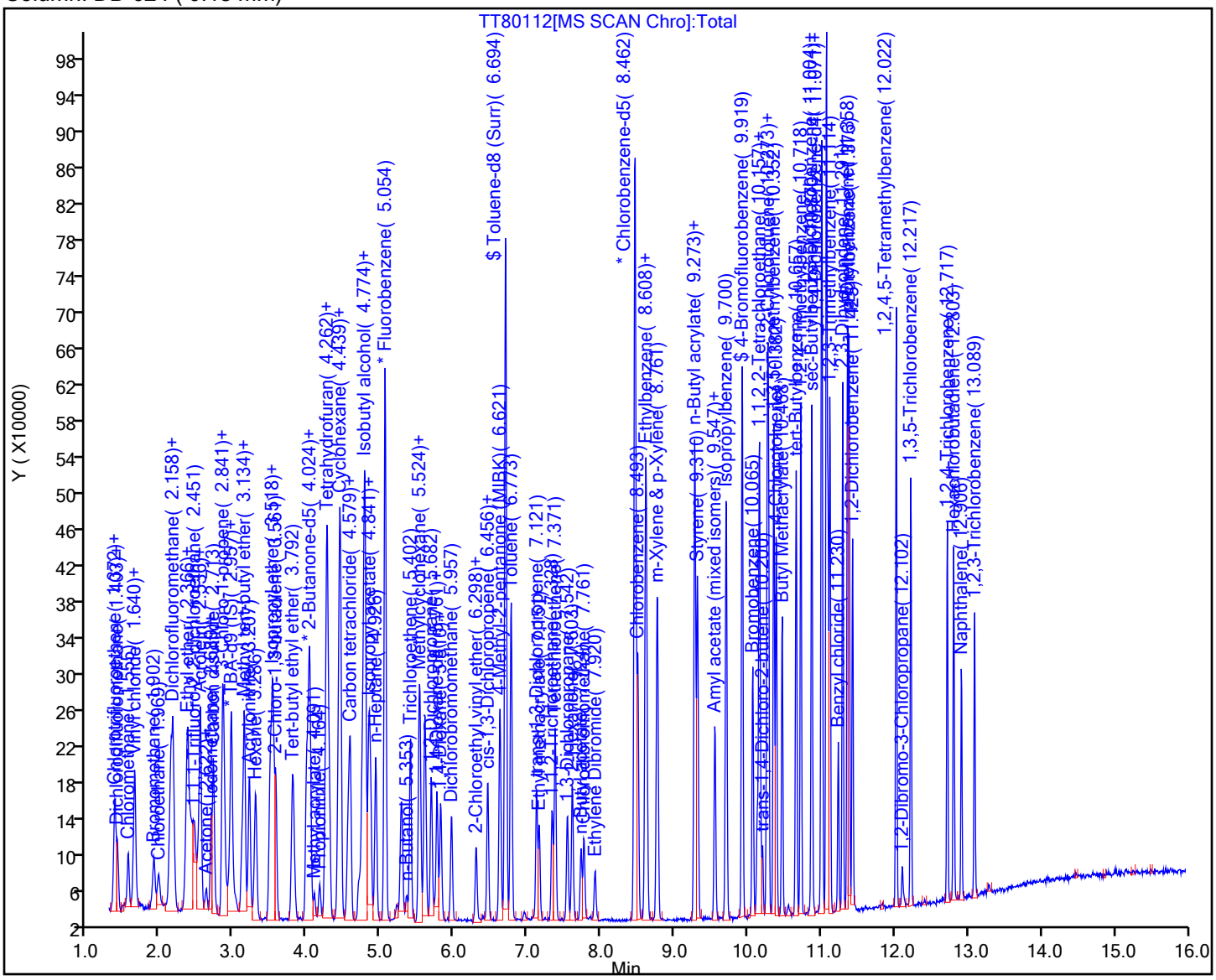
Client ID:

Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

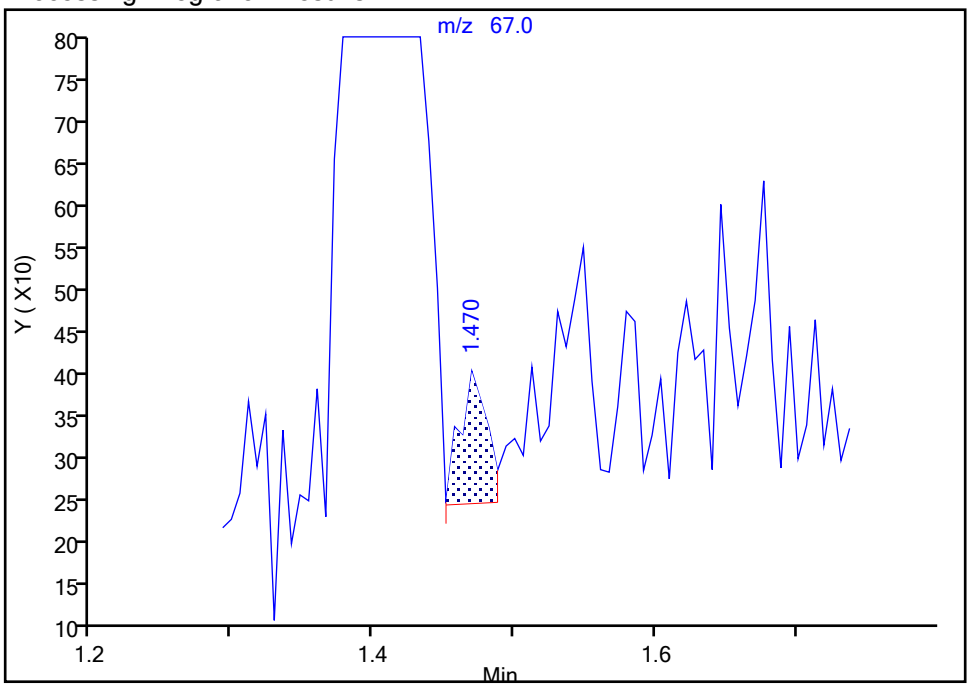
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80112.D
Injection Date: 09-May-2024 13:03:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

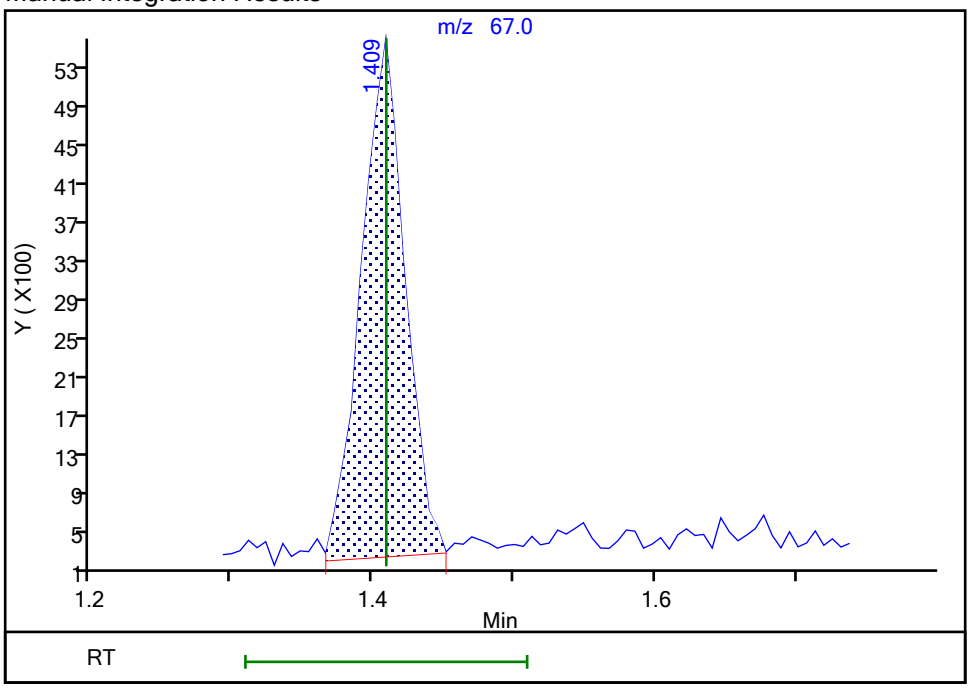
Processing Integration Results

RT: 1.47
Area: 216
Amount: 0.320434
Amount Units: ug/l



Manual Integration Results

RT: 1.41
Area: 11661
Amount: 17.445857
Amount Units: ug/l



Reviewer: FK2C, 10-May-2024 08:48:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

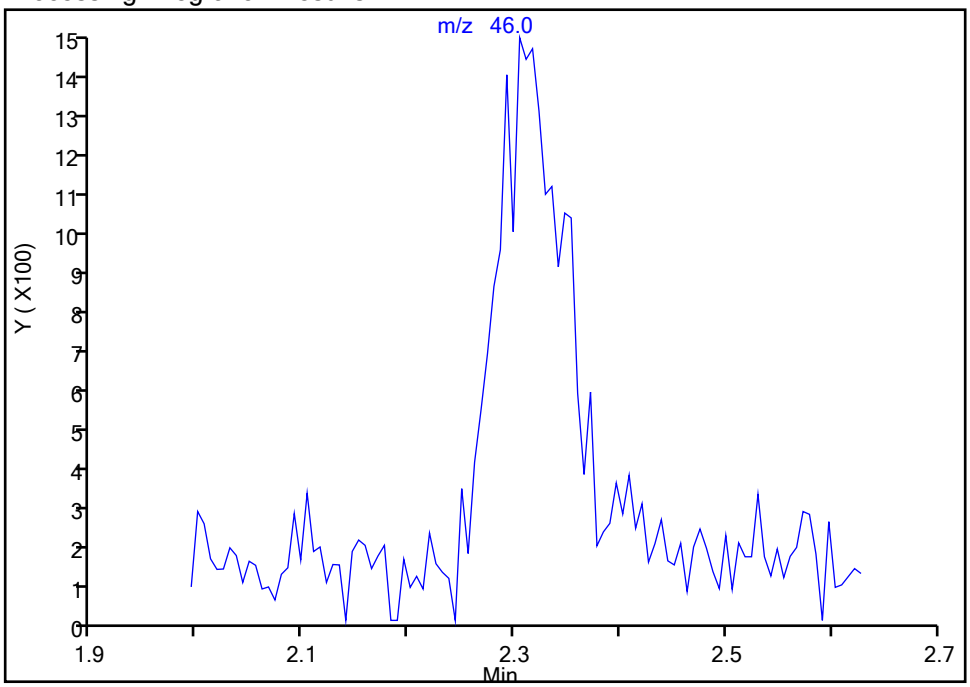
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80112.D
Injection Date: 09-May-2024 13:03:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

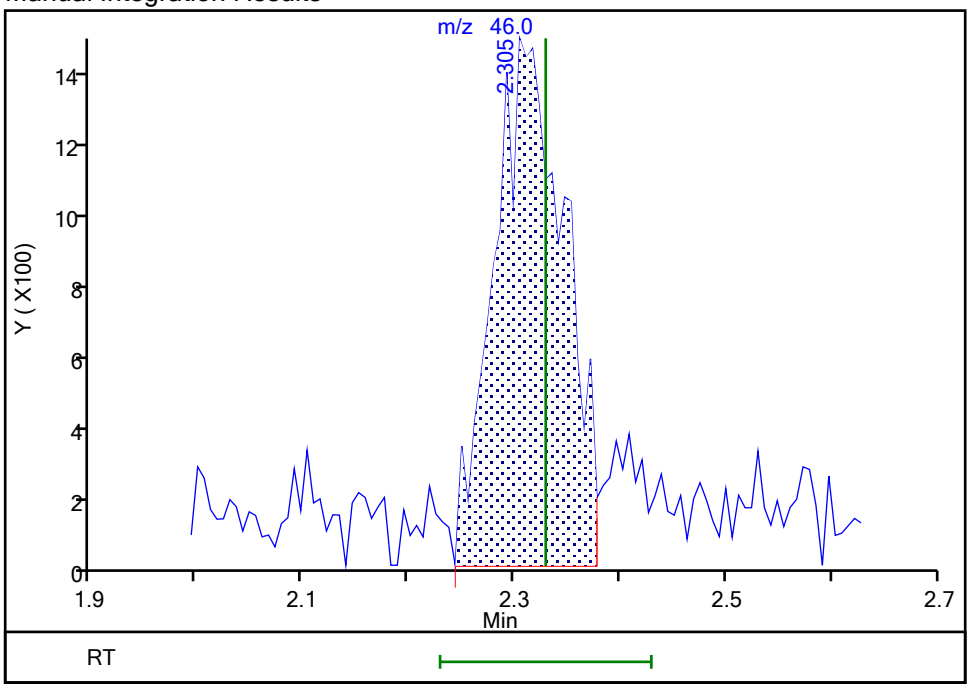
Not Detected
Expected RT: 2.33

Processing Integration Results



Manual Integration Results

RT: 2.30
Area: 6635
Amount: 651.5174
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 13:41:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

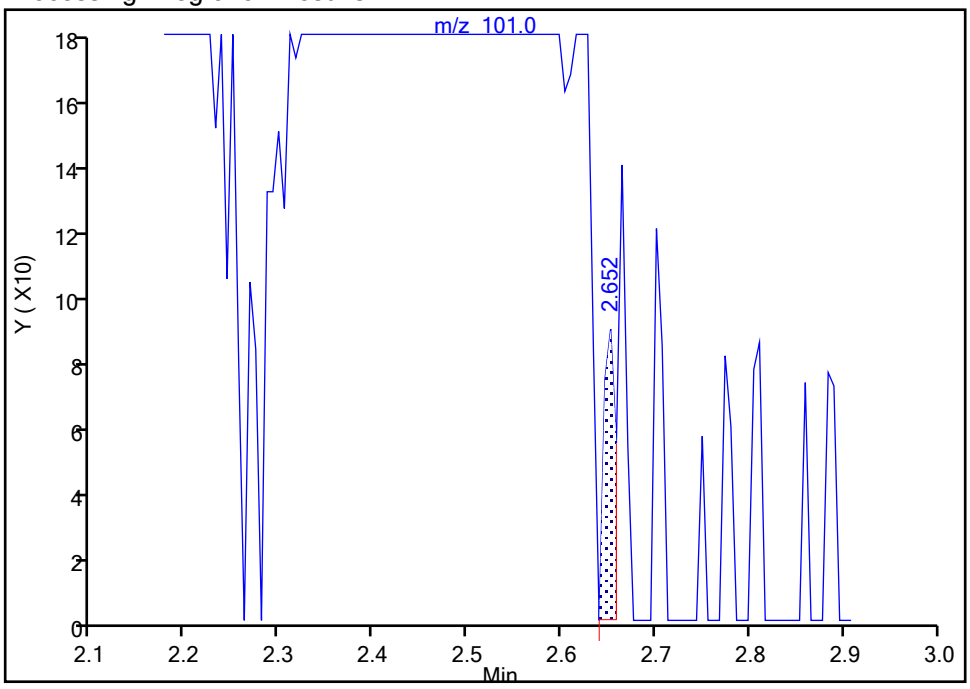
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80112.D
Injection Date: 09-May-2024 13:03:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

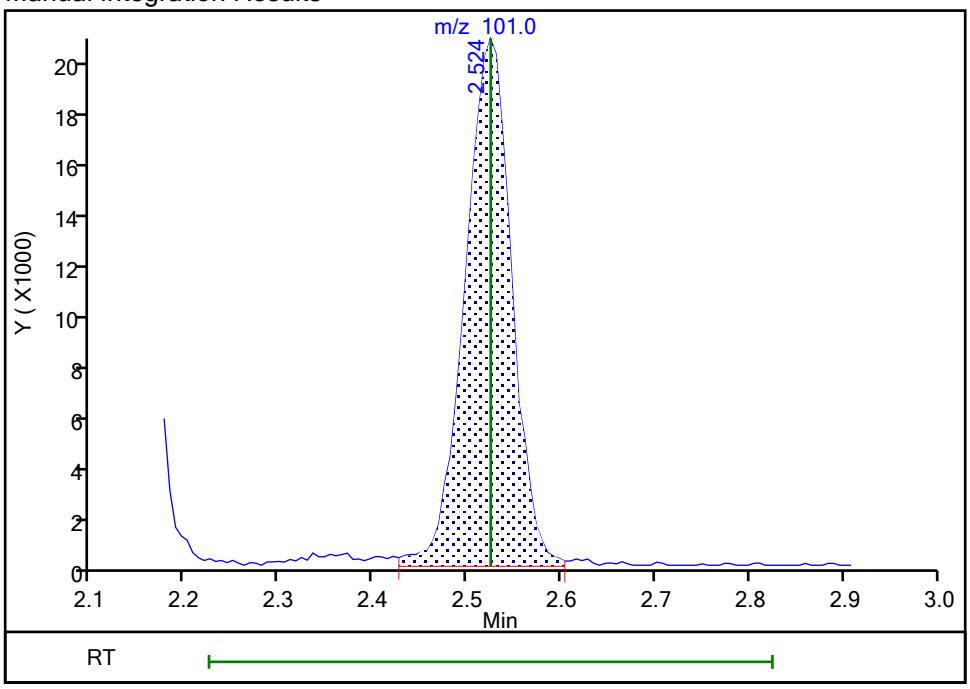
Processing Integration Results

RT: 2.65
Area: 78
Amount: 0.022781
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 69848
Amount: 21.244787
Amount Units: ug/l



Reviewer: FK2C, 09-May-2024 13:41:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

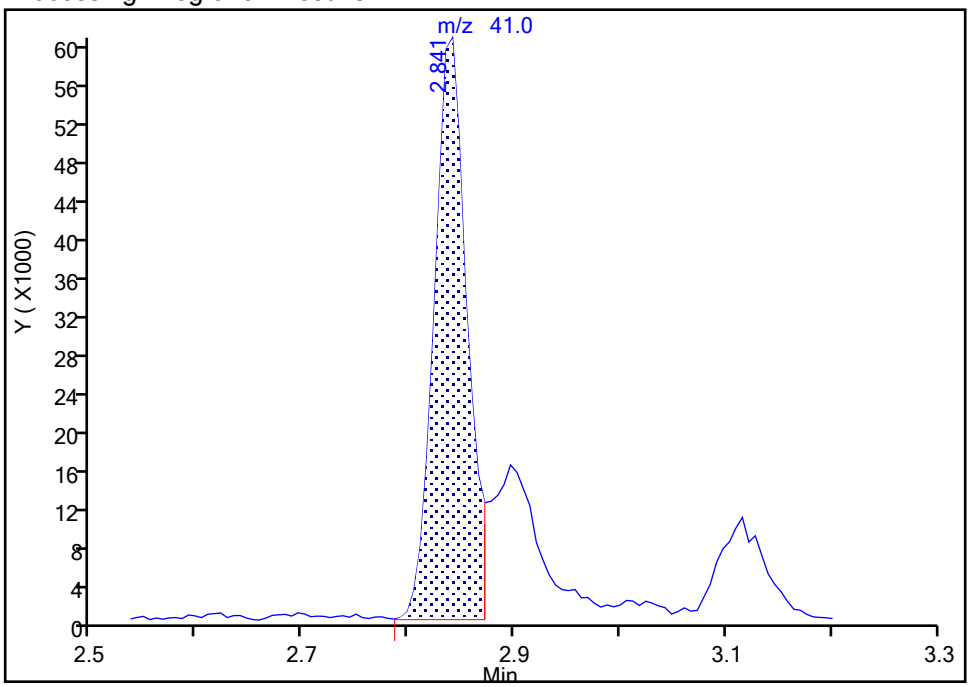
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80112.D
Injection Date: 09-May-2024 13:03:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

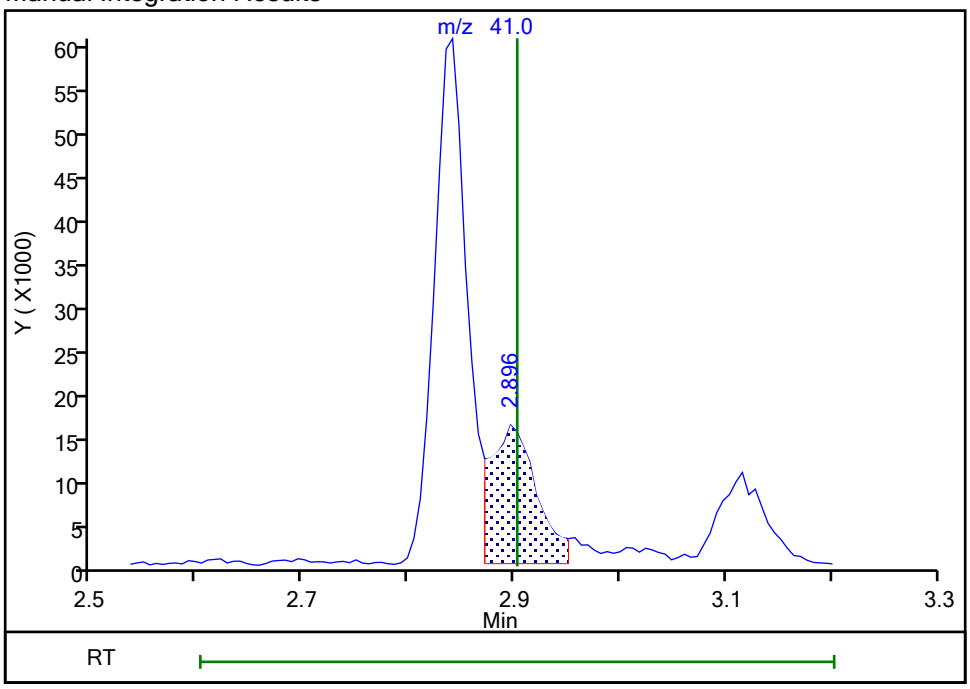
Processing Integration Results

RT: 2.84
Area: 130845
Amount: 599.1465
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 49398
Amount: 217.4370
Amount Units: ug/l



Reviewer: FK2C, 10-May-2024 08:48:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

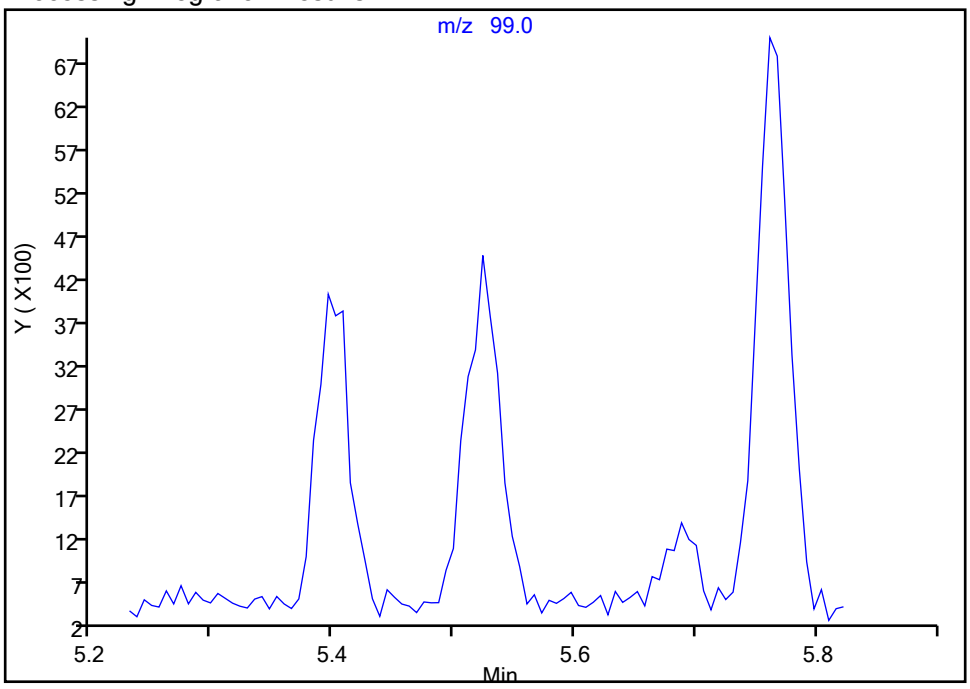
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80112.D
Injection Date: 09-May-2024 13:03:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

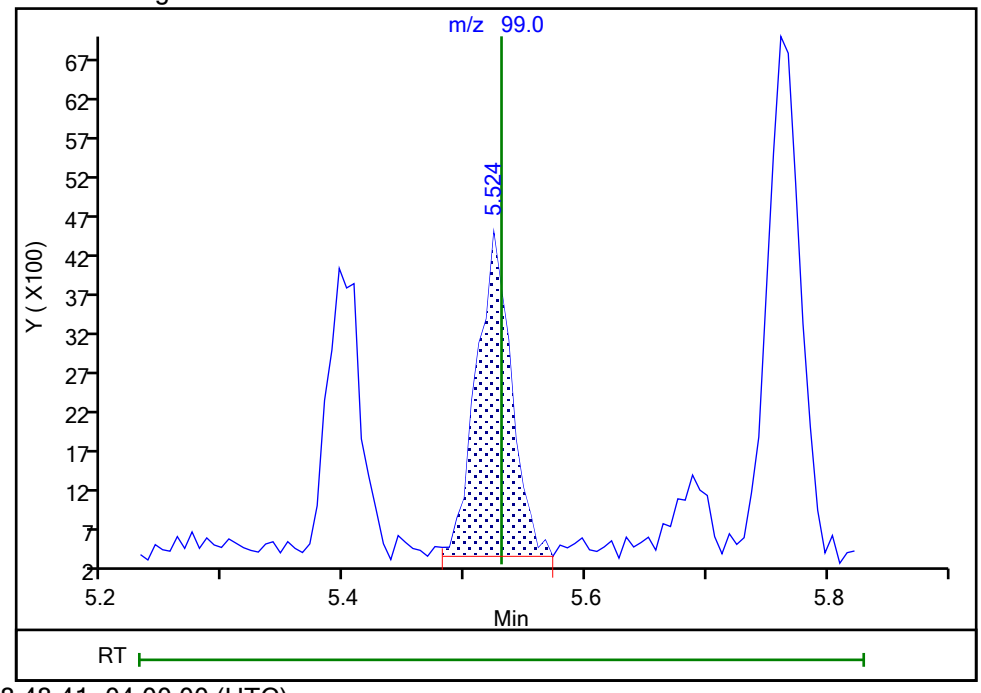
Not Detected
Expected RT: 5.53

Processing Integration Results



Manual Integration Results

RT: 5.52
Area: 8355
Amount: 25.947077
Amount Units: ug/l



Reviewer: FK2C, 10-May-2024 08:48:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Lab Sample ID: CCVIS 460-986925/3 Calibration Date: 07/24/2024 18:30

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT83661.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Difluoroethane	Ave	0.1690	0.1245		14.7	20.0	-26.3*	20.0
Chlorotrifluoroethene	Ave	0.1175	0.0778		13.2	20.0	-33.8*	20.0
Dichlorodifluoromethane	Ave	0.3630	0.3430	0.1000	18.9	20.0	-5.5	20.0
Chlorodifluoromethane	Ave	0.0569	0.0563		19.8	20.0	-1.0	20.0
Chloromethane	Ave	0.3510	0.3527	0.1000	20.1	20.0	0.5	20.0
Butadiene	Ave	0.3042	0.3107		20.4	20.0	2.1	20.0
Vinyl chloride	Ave	0.3249	0.3487	0.1000	21.5	20.0	7.3	20.0
Bromomethane	Ave	0.2063	0.2793	0.1000	27.1	20.0	35.4	50.0
Chloroethane	Ave	0.1814	0.2336	0.1000	25.8	20.0	28.8	50.0
Dichlorofluoromethane	Ave	0.5920	0.6471		21.9	20.0	9.3	20.0
Trichlorofluoromethane	Ave	0.3934	0.4332	0.1000	22.0	20.0	10.1	20.0
Pentane	Ave	0.0540	0.0438		32.5	40.0	-18.8	20.0
Ethyl ether	Ave	0.1501	0.1283		17.1	20.0	-14.5	20.0
Ethanol	Ave	0.3644	0.0755		166	800	-79.3*	50.0
2-Methyl-1,3-butadiene	Ave	0.2737	0.2339		17.1	20.0	-14.6	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2771	0.3151		22.7	20.0	13.7	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4304	0.4444		20.6	20.0	3.2	20.0
Acrolein	Ave	0.0324	0.0235		29.0	40.0	-27.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2797	0.3095	0.1000	22.1	20.0	10.7	20.0
1,1-Dichloroethene	Ave	0.2806	0.2969	0.1000	21.2	20.0	5.8	20.0
Acetone	Ave	0.8442	0.7886	0.0500	93.4	100	-6.6	50.0
Iodomethane	Ave	0.5182	0.5842		22.5	20.0	12.7	20.0
Isopropyl alcohol	Ave	3.934	2.997		152	200	-23.8	50.0
Carbon disulfide	Ave	1.076	0.9367	0.1000	17.4	20.0	-13.0	50.0
3-Chloro-1-propene	Ave	0.1909	0.1798		18.8	20.0	-5.8	20.0
Methyl acetate	Ave	0.1149	0.0847*	0.1000	29.5	40.0	-26.3*	20.0
Cyclopentene	Ave	0.6389	0.5798		18.2	20.0	-9.2	20.0
Acetonitrile	Ave	0.3426	0.3134		183	200	-8.5	20.0
Methylene Chloride	Ave	0.3139	0.3089	0.1000	19.7	20.0	-1.6	20.0
2-Methyl-2-propanol	Ave	6.354	5.453		172	200	-14.2	50.0
Methyl tert-butyl ether	Ave	0.6635	0.5784	0.1000	17.4	20.0	-12.8	20.0
trans-1,2-Dichloroethene	Ave	0.3143	0.3224	0.1000	20.5	20.0	2.6	20.0
Acrylonitrile	Ave	0.0607	0.0427		141	200	-29.7*	20.0
Hexane	Ave	0.3951	0.3621		18.3	20.0	-8.3	20.0
Isopropyl ether	Ave	0.9468	0.8840		18.7	20.0	-6.6	20.0
1,1-Dichloroethane	Ave	0.5274	0.5393	0.2000	20.5	20.0	2.3	20.0
Vinyl acetate	Ave	0.6968	0.6932		39.8	40.0	-0.5	20.0
2-Chloro-1,3-butadiene	Ave	0.2641	0.2632		19.9	20.0	-0.3	20.0
Tert-butyl ethyl ether	Ave	0.8229	0.7418		18.0	20.0	-9.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Lab Sample ID: CCVIS 460-986925/3 Calibration Date: 07/24/2024 18:30

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT83661.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.1113	0.1143		20.5	20.0	2.7	20.0
cis-1,2-Dichloroethene	Ave	0.3281	0.3385	0.1000	20.6	20.0	3.2	20.0
2-Butanone (MEK)	Ave	0.3150	0.3200	0.0500	102	100	1.6	50.0
Ethyl acetate	Ave	0.3486	0.3806		43.7	40.0	9.2	20.0
Methyl acrylate	Ave	0.1405	0.1006		14.3	20.0	-28.4*	20.0
Propionitrile	Ave	8.820	8.654		196	200	-1.9	20.0
Tetrahydrofuran	Ave	0.3509	0.3521		40.1	40.0	0.3	20.0
Chlorobromomethane	Ave	0.1381	0.1376		19.9	20.0	-0.4	20.0
Methacrylonitrile	Ave	0.0650	0.0513		158	200	-21.1*	20.0
Chloroform	Ave	0.4806	0.5006	0.2000	20.8	20.0	4.2	20.0
Cyclohexane	Ave	0.4319	0.4248	0.1000	19.7	20.0	-1.6	50.0
1,1,1-Trichloroethane	Ave	0.4122	0.4635	0.1000	22.5	20.0	12.4	20.0
Carbon tetrachloride	Ave	0.3646	0.4093	0.1000	22.5	20.0	12.3	20.0
1,1-Dichloropropene	Ave	0.3880	0.3847		19.8	20.0	-0.9	20.0
Isobutyl alcohol	Ave	2.792	2.108		377	500	-24.5	50.0
Isooctane	Ave	0.9912	0.9605		19.4	20.0	-3.1	20.0
Benzene	Ave	1.595	1.589	0.5000	19.9	20.0	-0.3	20.0
Isopropyl acetate	Ave	0.1071	0.0824		15.4	20.0	-23.1*	20.0
Tert-amyl methyl ether	Ave	0.7012	0.6654		19.0	20.0	-5.1	20.0
1,2-Dichloroethane	Ave	0.2827	0.2584	0.1000	18.3	20.0	-8.6	20.0
n-Heptane	Lin2		0.0652		18.6	20.0	-6.8	20.0
n-Butanol	QuaF		1.138		373	500	-25.3	50.0
Trichloroethene	Ave	0.2889	0.2941	0.2000	20.4	20.0	1.8	20.0
Ethyl acrylate	QuaF		0.0275		20.1	20.0	0.5	20.0
Methylcyclohexane	Ave	0.4984	0.5011	0.1000	20.1	20.0	0.5	50.0
1,2-Dichloropropane	Ave	0.2898	0.2735	0.1000	18.9	20.0	-5.6	20.0
Methyl methacrylate	Ave	0.0467	0.0335		28.7	40.0	-28.2*	20.0
1,4-Dioxane	Ave	1.132	0.6316		223	400	-44.2	50.0
Dibromomethane	Ave	0.1276	0.1135		17.8	20.0	-11.0	20.0
n-Propyl acetate	Ave	0.2207	0.1443		13.1	20.0	-34.6*	20.0
Dichlorobromomethane	Ave	0.3372	0.3027	0.2000	18.0	20.0	-10.2	20.0
2-Nitropropane	QuaF		0.0224		26.9	40.0	-32.8*	20.0
2-Chloroethyl vinyl ether	Ave	0.1244	0.0869		14.0	20.0	-30.1*	20.0
Epichlorohydrin	QuaF		0.2363		404	400	0.9	20.0
cis-1,3-Dichloropropene	Ave	0.5962	0.5006	0.2000	16.8	20.0	-16.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.066	1.186	0.0500	111	100	11.2	50.0
Toluene	Ave	1.659	1.664	0.4000	20.1	20.0	0.3	20.0
trans-1,3-Dichloropropene	Ave	0.4566	0.3730	0.1000	16.3	20.0	-18.3	50.0
Ethyl methacrylate	Ave	0.3806	0.2624		13.8	20.0	-31.1*	20.0
1,1,2-Trichloroethane	Ave	0.2161	0.1968	0.1000	18.2	20.0	-8.9	20.0
Tetrachloroethene	Ave	0.4032	0.4580	0.2000	22.7	20.0	13.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Lab Sample ID: CCVIS 460-986925/3 Calibration Date: 07/24/2024 18:30

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT83661.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4294	0.3770		17.6	20.0	-12.2	20.0
2-Hexanone	Ave	1.617	1.727	0.0500	107	100	6.8	50.0
n-Butyl acetate	Ave	0.3635	0.2537		14.0	20.0	-30.2*	20.0
Chlorodibromomethane	Ave	0.3088	0.2789	0.1000	18.1	20.0	-9.7	50.0
Ethylene Dibromide	Ave	0.2440	0.2119	0.1000	17.4	20.0	-13.2	20.0
Chlorobenzene	Ave	0.9879	1.089	0.5000	22.1	20.0	10.3	20.0
Ethylbenzene	Ave	0.5593	0.6101	0.1000	21.8	20.0	9.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3904	0.3937		20.2	20.0	0.8	20.0
m-Xylene & p-Xylene	Ave	0.6884	0.7423	0.1000	21.6	20.0	7.8	20.0
n-Butyl acrylate	Ave	0.2289	0.1550		13.5	20.0	-32.3*	20.0
o-Xylene	Ave	0.7103	0.7307	0.3000	20.6	20.0	2.9	20.0
Styrene	Ave	1.121	1.104	0.3000	19.7	20.0	-1.5	20.0
Amyl acetate (mixed isomers)	Ave	0.9474	0.6054		12.8	20.0	-36.1*	20.0
Bromoform	Ave	0.1872	0.1552	0.1000	16.6	20.0	-17.1	20.0
Isopropylbenzene	Ave	1.632	1.742	0.1000	21.3	20.0	6.7	20.0
Bromobenzene	Ave	0.8176	0.8035		19.7	20.0	-1.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5607	0.4093	0.3000	14.6	20.0	-27.0*	20.0
N-Propylbenzene	Ave	4.066	3.878		19.1	20.0	-4.6	20.0
1,2,3-Trichloropropane	Ave	0.1547	0.1139		14.7	20.0	-26.4*	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1274	0.0816		12.8	20.0	-35.9*	20.0
2-Chlorotoluene	Ave	2.811	2.615		18.6	20.0	-7.0	20.0
4-Ethyltoluene	Ave	3.372	3.305		19.6	20.0	-2.0	20.0
1,3,5-Trimethylbenzene	Ave	2.862	2.739		19.1	20.0	-4.3	20.0
4-Chlorotoluene	Ave	2.514	2.362		18.8	20.0	-6.0	20.0
Butyl Methacrylate	Ave	0.9921	0.6606		13.3	20.0	-33.4*	20.0
tert-Butylbenzene	Ave	2.339	2.343		20.0	20.0	0.2	20.0
1,2,4-Trimethylbenzene	Ave	2.972	2.889		19.4	20.0	-2.8	20.0
sec-Butylbenzene	Ave	3.690	3.674		19.9	20.0	-0.4	20.0
1,3-Dichlorobenzene	Ave	1.589	1.658	0.6000	20.9	20.0	4.3	20.0
4-Isopropyltoluene	Ave	3.157	3.231		20.5	20.0	2.3	20.0
1,4-Dichlorobenzene	Ave	1.540	1.614	0.5000	21.0	20.0	4.8	20.0
1,2,3-Trimethylbenzene	Ave	3.084	2.978		19.3	20.0	-3.4	20.0
Benzyl chloride	Ave	1.192	0.7684		12.9	20.0	-35.5	50.0
Indan	Ave	2.773	2.643		19.1	20.0	-4.7	20.0
p-Diethylbenzene	Ave	1.993	2.028		20.4	20.0	1.8	20.0
n-Butylbenzene	Ave	1.679	1.703		20.3	20.0	1.5	20.0
1,2-Dichlorobenzene	Ave	1.466	1.483	0.4000	20.2	20.0	1.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.979	2.913		19.6	20.0	-2.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0894	0.0597	0.0500	13.4	20.0	-33.2	50.0
1,3,5-Trichlorobenzene	Ave	1.367	1.497		21.9	20.0	9.5	20.0
1,2,4-Trichlorobenzene	Ave	1.107	1.075	0.2000	19.4	20.0	-2.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Lab Sample ID: CCVIS 460-986925/3 Calibration Date: 07/24/2024 18:30

Instrument ID: CVOAMS17 Calib Start Date: 05/09/2024 08:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/09/2024 10:46

Lab File ID: TT83661.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.7040	0.7291		20.7	20.0	3.6	20.0
Naphthalene	Ave	1.611	1.203		14.9	20.0	-25.3	50.0
1,2,3-Trichlorobenzene	Ave	0.8699	0.7715		17.7	20.0	-11.3	20.0
Monochloropentafluoroethane	Ave	0.0046			5.00	20.0		
Dibromofluoromethane (Surr)	Ave	0.2434	0.2451		50.3	50.0	0.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2339	0.1957		41.8	50.0	-16.3	20.0
Toluene-d8 (Surr)	Ave	1.335	1.311		49.1	50.0	-1.8	20.0
4-Bromofluorobenzene	Ave	0.4120	0.4314		52.4	50.0	4.7	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83661.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 24-Jul-2024 18:30:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0178783-003
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 11:24:30 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: C1JX Date: 24-Jul-2024 19:30:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	65	1.372	1.372	0.000	99	42766	20.0	14.7	
3 Chlorotrifluoroethene	116	1.378	1.378	0.000	59	26730	20.0	13.2	
4 Dichlorodifluoromethane	85	1.403	1.403	0.000	77	117806	20.0	18.9	
5 Chlorodifluoromethane	67	1.409	1.409	0.000	96	19329	20.0	19.8	
6 Chloromethane	50	1.549	1.549	0.000	99	121146	20.0	20.1	
8 Butadiene	54	1.640	1.640	0.000	96	106719	20.0	20.4	
7 Vinyl chloride	62	1.653	1.653	0.000	96	119783	20.0	21.5	
9 Bromomethane	94	1.890	1.890	0.000	98	95950	20.0	27.1	
10 Chloroethane	64	1.957	1.957	0.000	99	80235	20.0	25.8	
11 Dichlorofluoromethane	67	2.122	2.122	0.000	98	222277	20.0	21.9	
12 Trichlorofluoromethane	101	2.134	2.134	0.000	71	148802	20.0	22.0	
13 Pentane	72	2.159	2.159	0.000	98	30104	40.0	32.5	
15 Ethyl ether	74	2.329	2.329	0.000	93	44072	20.0	17.1	
14 Ethanol	46	2.341	2.341	0.000	68	1673	800.0	165.8	
16 2-Methyl-1,3-butadiene	53	2.360	2.360	0.000	92	80344	20.0	17.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.396	2.396	0.000	85	108249	20.0	22.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.451	0.000	96	152635	20.0	20.6	
19 Acrolein	56	2.500	2.500	0.000	95	16112	40.0	29.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.518	2.518	0.000	91	106317	20.0	22.1	a
21 1,1-Dichloroethene	96	2.537	2.537	0.000	98	101990	20.0	21.2	
22 Acetone	43	2.610	2.610	0.000	87	50516	100.0	93.4	
23 Iodomethane	142	2.677	2.677	0.000	96	200684	20.0	22.5	
25 Isopropyl alcohol	45	2.683	2.683	0.000	25	16600	200.0	152.4	a
24 Carbon disulfide	76	2.707	2.707	0.000	98	321754	20.0	17.4	
26 3-Chloro-1-propene	76	2.835	2.835	0.000	89	61757	20.0	18.8	
27 Methyl acetate	43	2.841	2.841	0.000	50	58189	40.0	29.5	
28 Cyclopentene	67	2.854	2.854	0.000	90	199156	20.0	18.2	
29 Acetonitrile	41	2.890	2.890	0.000	97	40154	200.0	182.9	a
* 31 TBA-d9 (IS)	66	2.945	2.945	0.000	0	27696	1000.0	1000.0	
30 Methylene Chloride	84	2.951	2.951	0.000	90	106110	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.012	3.012	0.000	94	30205	200.0	171.6	M
33 Methyl tert-butyl ether	73	3.103	3.103	0.000	98	198677	20.0	17.4	
34 trans-1,2-Dichloroethene	96	3.134	3.134	0.000	94	110743	20.0	20.5	
35 Acrylonitrile	53	3.195	3.195	0.000	97	146578	200.0	140.6	
36 Hexane	57	3.286	3.286	0.000	92	124396	20.0	18.3	
37 Isopropyl ether	45	3.488	3.488	0.000	93	303650	20.0	18.7	
38 1,1-Dichloroethane	63	3.512	3.512	0.000	99	185248	20.0	20.5	
39 Vinyl acetate	86	3.518	3.518	0.000	99	17762	40.0	39.8	
40 2-Chloro-1,3-butadiene	88	3.561	3.561	0.000	89	90410	20.0	19.9	
41 Tert-butyl ethyl ether	59	3.786	3.786	0.000	89	254821	20.0	18.0	
* 42 2-Butanone-d5	46	3.969	3.969	0.000	0	160152	250.0	250.0	
43 2,2-Dichloropropane	97	3.994	3.994	0.000	86	39258	20.0	20.5	
44 cis-1,2-Dichloroethene	96	4.012	4.012	0.000	97	116287	20.0	20.6	
45 2-Butanone (MEK)	72	4.024	4.024	0.000	96	20501	100.0	101.6	
46 Ethyl acetate	70	4.030	4.030	0.000	94	9753	40.0	43.7	
47 Methyl acrylate	55	4.079	4.079	0.000	98	34554	20.0	14.3	
48 Propionitrile	54	4.146	4.146	0.000	99	47934	200.0	196.2	
50 Tetrahydrofuran	72	4.219	4.219	0.000	47	9022	40.0	40.1	a
49 Chlorobromomethane	128	4.225	4.225	0.000	82	47261	20.0	19.9	
51 Methacrylonitrile	67	4.256	4.256	0.000	91	176147	200.0	157.7	
52 Chloroform	83	4.286	4.286	0.000	99	171962	20.0	20.8	
53 Cyclohexane	84	4.420	4.420	0.000	91	145928	20.0	19.7	
54 1,1,1-Trichloroethane	97	4.426	4.426	0.000	94	159205	20.0	22.5	
$ 55 Dibromofluoromethane (Surr)	113	4.439	4.439	0.000	99	210438	50.0	50.3	
56 Carbon tetrachloride	117	4.548	4.548	0.000	96	140588	20.0	22.5	
57 1,1-Dichloropropene	75	4.573	4.573	0.000	99	132142	20.0	19.8	
58 Isobutyl alcohol	43	4.701	4.701	0.000	54	29186	500.0	377.4	a
59 Isooctane	57	4.737	4.737	0.000	99	329941	20.0	19.4	
60 Benzene	78	4.762	4.762	0.000	96	401792	20.0	19.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.780	4.780	0.000	0	168036	50.0	41.8	
63 Isopropyl acetate	61	4.823	4.823	0.000	80	28302	20.0	15.4	
62 Tert-amyl methyl ether	73	4.829	4.829	0.000	92	228578	20.0	19.0	
64 1,2-Dichloroethane	62	4.847	4.847	0.000	97	88756	20.0	18.3	
65 n-Heptane	100	4.926	4.926	0.000	92	22384	20.0	18.6	
* 66 Fluorobenzene	96	5.048	5.048	0.000	99	858736	50.0	50.0	
67 n-Butanol	56	5.341	5.341	0.000	87	15759	500.0	373.4	
68 Trichloroethene	95	5.390	5.390	0.000	96	101020	20.0	20.4	
70 Ethyl acrylate	99	5.512	5.512	0.000	92	9432	20.0	20.1	
69 Methylcyclohexane	83	5.518	5.518	0.000	94	172136	20.0	20.1	
71 1,2-Dichloropropane	63	5.670	5.670	0.000	93	93932	20.0	18.9	
* 72 1,4-Dioxane-d8	96	5.725	5.725	0.000	0	23517	1000.0	1000.0	
73 Methyl methacrylate	100	5.755	5.755	0.000	90	23048	40.0	28.7	
75 1,4-Dioxane	88	5.786	5.786	0.000	72	5941	400.0	223.1	
74 Dibromomethane	93	5.798	5.798	0.000	92	38984	20.0	17.8	
76 n-Propyl acetate	43	5.810	5.810	0.000	98	49565	20.0	13.1	
77 Dichlorobromomethane	83	5.950	5.950	0.000	99	103967	20.0	18.0	
78 2-Nitropropane	41	6.286	6.286	0.000	75	15381	40.0	26.9	
79 2-Chloroethyl vinyl ether	63	6.292	6.292	0.000	88	29921	20.0	14.0	
80 Epichlorohydrin	57	6.383	6.383	0.000	99	60548	400.0	403.6	
81 cis-1,3-Dichloropropene	75	6.438	6.438	0.000	90	126542	20.0	16.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.609	6.609	0.000	97	75948	100.0	111.2	
$ 83 Toluene-d8 (Surr)	98	6.688	6.688	0.000	100	828640	50.0	49.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.761	6.761	0.000	94	420670	20.0	20.1	
85 trans-1,3-Dichloropropene	75	7.109	7.109	0.000	96	94291	20.0	16.3	
86 Ethyl methacrylate	69	7.145	7.145	0.000	89	66326	20.0	13.8	
87 1,1,2-Trichloroethane	83	7.322	7.322	0.000	96	49756	20.0	18.2	
88 Tetrachloroethene	166	7.365	7.365	0.000	96	115772	20.0	22.7	
89 1,3-Dichloropropane	76	7.529	7.529	0.000	93	95300	20.0	17.6	
90 2-Hexanone	43	7.597	7.597	0.000	96	110633	100.0	106.8	
91 n-Butyl acetate	43	7.712	7.712	0.000	98	64127	20.0	14.0	
92 Chlorodibromomethane	129	7.755	7.755	0.000	98	70496	20.0	18.1	
93 Ethylene Dibromide	107	7.907	7.907	0.000	97	53565	20.0	17.4	
* 94 Chlorobenzene-d5	117	8.450	8.450	0.000	85	631987	50.0	50.0	
95 Chlorobenzene	112	8.487	8.487	0.000	97	275359	20.0	22.1	
96 Ethylbenzene	106	8.596	8.596	0.000	97	154240	20.0	21.8	
97 1,1,1,2-Tetrachloroethane	131	8.609	8.609	0.000	97	99525	20.0	20.2	
98 m-Xylene & p-Xylene	106	8.755	8.755	0.000	0	187640	20.0	21.6	
100 n-Butyl acrylate	73	9.267	9.267	0.000	97	39178	20.0	13.5	
99 o-Xylene	106	9.267	9.267	0.000	94	184724	20.0	20.6	
101 Styrene	104	9.303	9.303	0.000	96	279152	20.0	19.7	
102 Bromoform	173	9.541	9.541	0.000	64	39239	20.0	16.6	
103 Amyl acetate (mixed isomers)	43	9.541	9.541	0.000	92	88478	20.0	12.8	
104 Isopropylbenzene	105	9.694	9.694	0.000	95	440468	20.0	21.3	
$ 105 4-Bromofluorobenzene	174	9.913	9.913	0.000	96	272648	50.0	52.4	
106 Bromobenzene	156	10.059	10.059	0.000	92	117414	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	10.114	10.114	0.000	98	59819	20.0	14.6	
108 N-Propylbenzene	91	10.145	10.145	0.000	100	566650	20.0	19.1	
109 1,2,3-Trichloropropane	110	10.163	10.163	0.000	96	16642	20.0	14.7	
110 trans-1,4-Dichloro-2-butene	53	10.187	10.187	0.000	87	11928	20.0	12.8	
111 2-Chlorotoluene	91	10.255	10.255	0.000	97	382088	20.0	18.6	
112 4-Ethyltoluene	105	10.273	10.273	0.000	98	482983	20.0	19.6	
113 1,3,5-Trimethylbenzene	105	10.346	10.346	0.000	95	400248	20.0	19.1	
114 4-Chlorotoluene	91	10.376	10.376	0.000	96	345196	20.0	18.8	
115 Butyl Methacrylate	87	10.456	10.456	0.000	90	96538	20.0	13.3	
116 tert-Butylbenzene	119	10.651	10.651	0.000	96	342419	20.0	20.0	
117 1,2,4-Trimethylbenzene	105	10.712	10.712	0.000	97	422199	20.0	19.4	
118 sec-Butylbenzene	105	10.864	10.864	0.000	99	536897	20.0	19.9	
119 1,3-Dichlorobenzene	146	10.992	10.992	0.000	98	242314	20.0	20.9	
120 4-Isopropyltoluene	119	10.998	10.998	0.000	98	472111	20.0	20.5	
* 121 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	94	365342	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.084	11.084	0.000	97	235843	20.0	21.0	
123 1,2,3-Trimethylbenzene	105	11.108	11.108	0.000	97	435262	20.0	19.3	
124 Benzyl chloride	91	11.224	11.224	0.000	100	112295	20.0	12.9	
125 2,3-Dihydroindene	117	11.285	11.285	0.000	94	386245	20.0	19.1	
126 p-Diethylbenzene	119	11.346	11.346	0.000	94	296431	20.0	20.4	
127 n-Butylbenzene	92	11.370	11.370	0.000	98	248941	20.0	20.3	
128 1,2-Dichlorobenzene	146	11.419	11.419	0.000	98	216776	20.0	20.2	
129 1,2,4,5-Tetramethylbenzene	119	12.016	12.016	0.000	98	425698	20.0	19.6	
130 1,2-Dibromo-3-Chloropropane	155	12.096	12.096	0.000	93	8729	20.0	13.4	
131 1,3,5-Trichlorobenzene	180	12.211	12.211	0.000	97	218827	20.0	21.9	
132 1,2,4-Trichlorobenzene	180	12.711	12.711	0.000	93	157140	20.0	19.4	
133 Hexachlorobutadiene	225	12.797	12.797	0.000	98	106552	20.0	20.7	
134 Naphthalene	128	12.906	12.906	0.000	99	175837	20.0	14.9	
135 1,2,3-Trichlorobenzene	180	13.083	13.083	0.000	96	112746	20.0	17.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.2	
S 137 Xylenes, Total	100				0		40.0	42.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	33.1	
S 140 Total BTEX	1				0		100.0	103.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00021	Amount Added:	20.00	Units: uL	
ACROLEIN W_00171	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00190	Amount Added:	20.00	Units: uL	
GASES Li_00593	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 25-Jul-2024 11:24:31 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83661.D

Injection Date: 24-Jul-2024 18:30:30 Instrument ID: CVOAMS17

Lims ID: CCVIS

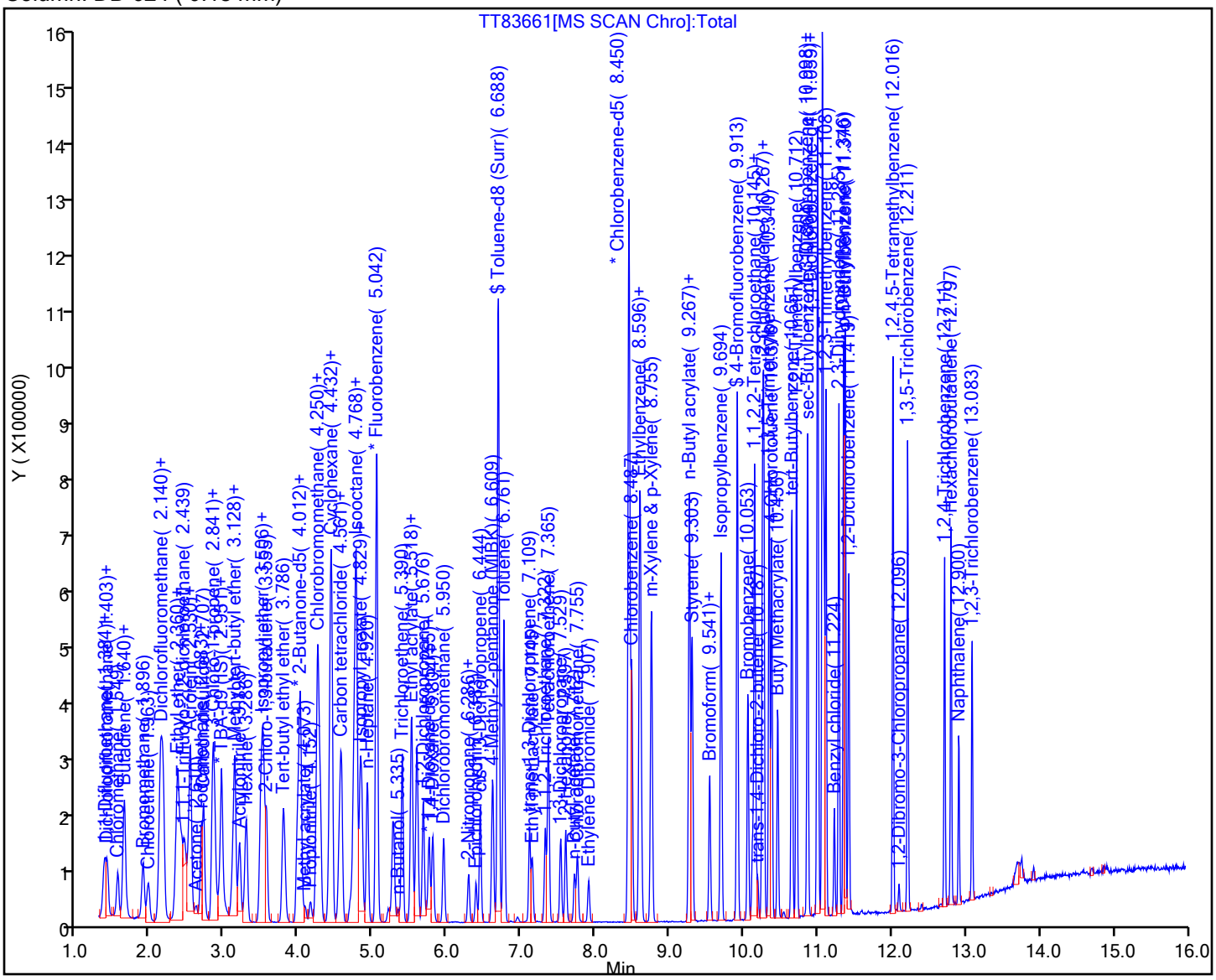
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

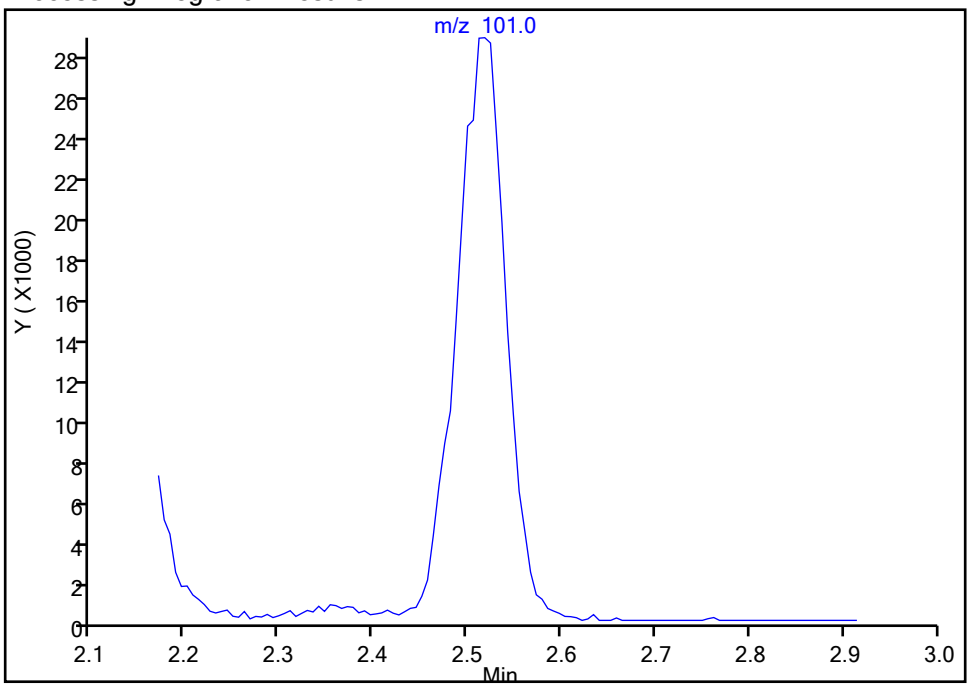
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83661.D
Injection Date: 24-Jul-2024 18:30:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

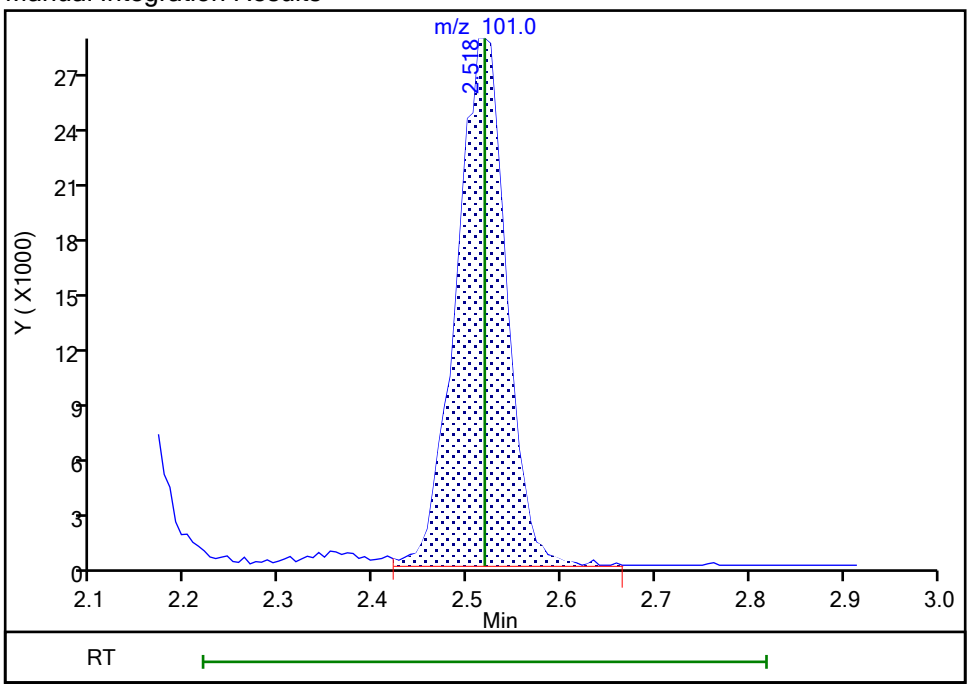
Not Detected
Expected RT: 2.52

Processing Integration Results



Manual Integration Results

RT: 2.52
Area: 106317
Amount: 22.135019
Amount Units: ug/l



Reviewer: C1JX, 24-Jul-2024 18:50:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

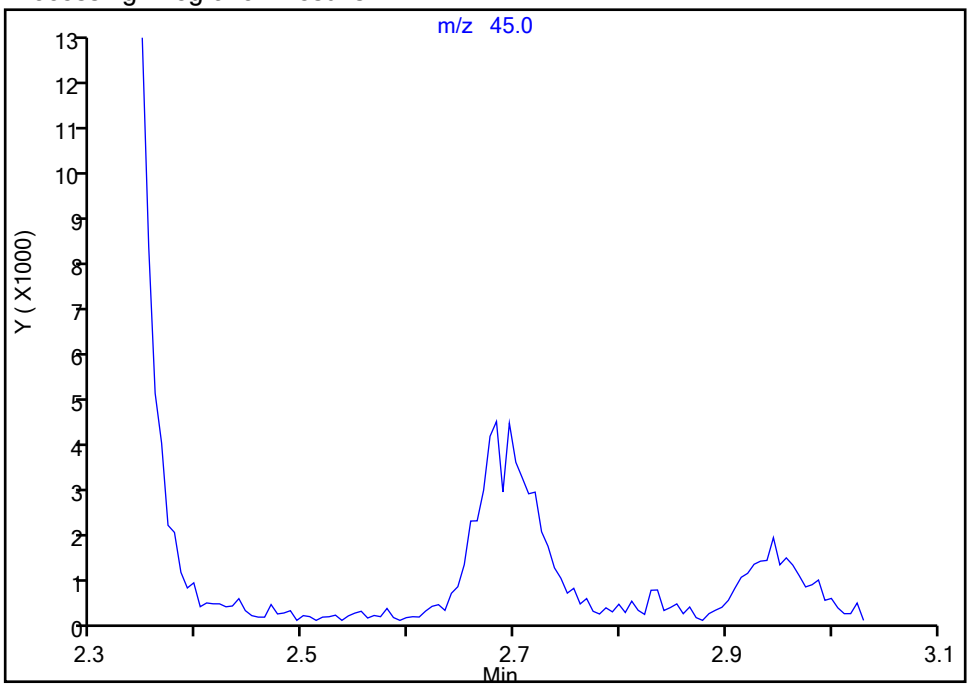
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83661.D
Injection Date: 24-Jul-2024 18:30:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

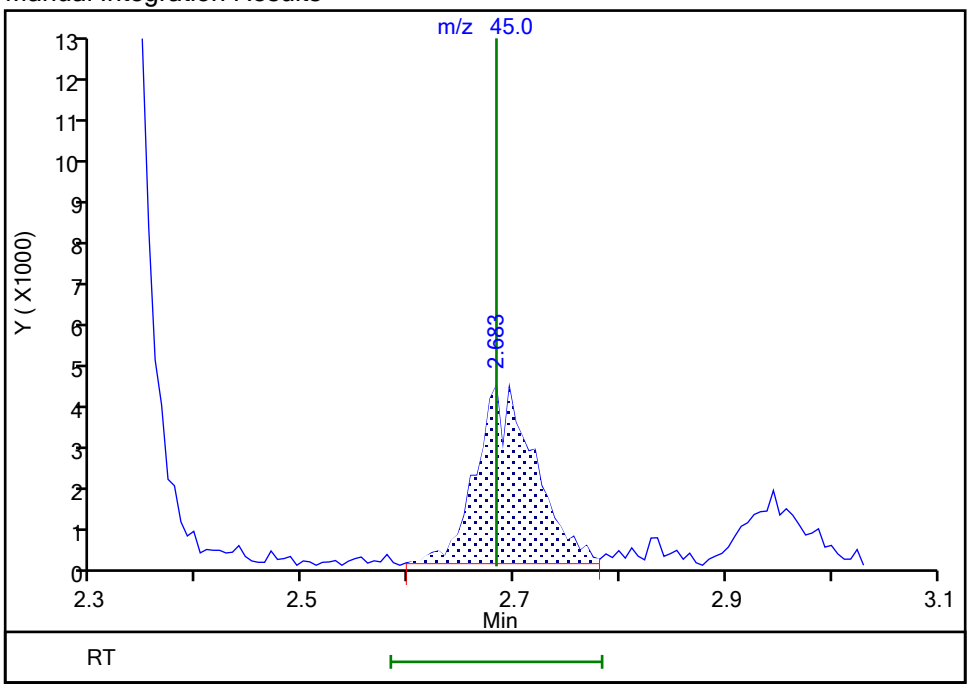
Not Detected
Expected RT: 2.68

Processing Integration Results



Manual Integration Results

RT: 2.68
Area: 16600
Amount: 152.3738
Amount Units: ug/l



Reviewer: C1JX, 24-Jul-2024 18:50:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

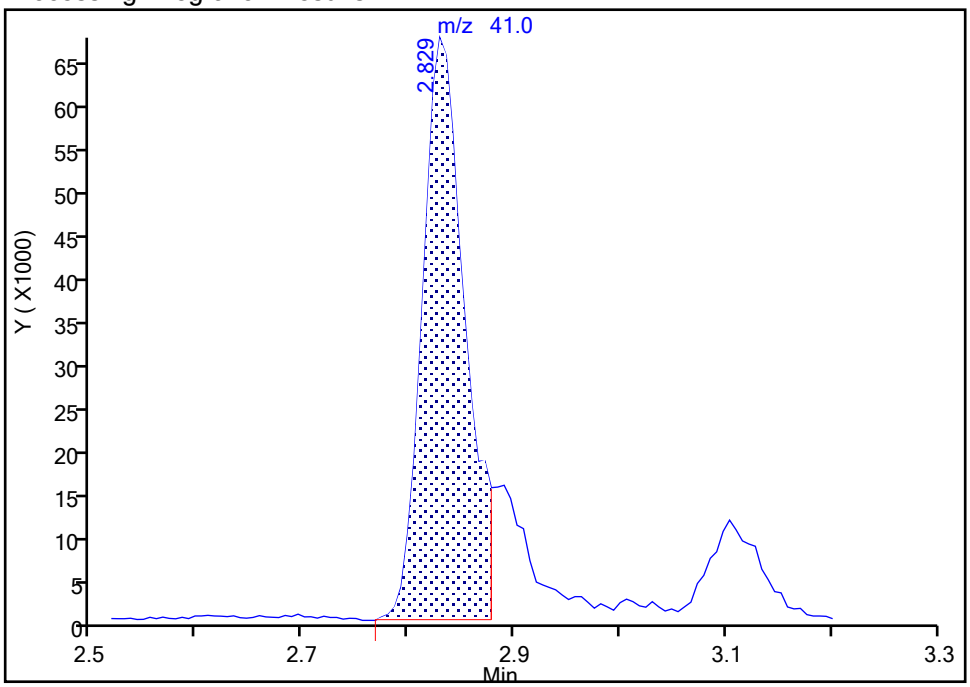
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83661.D
Injection Date: 24-Jul-2024 18:30:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

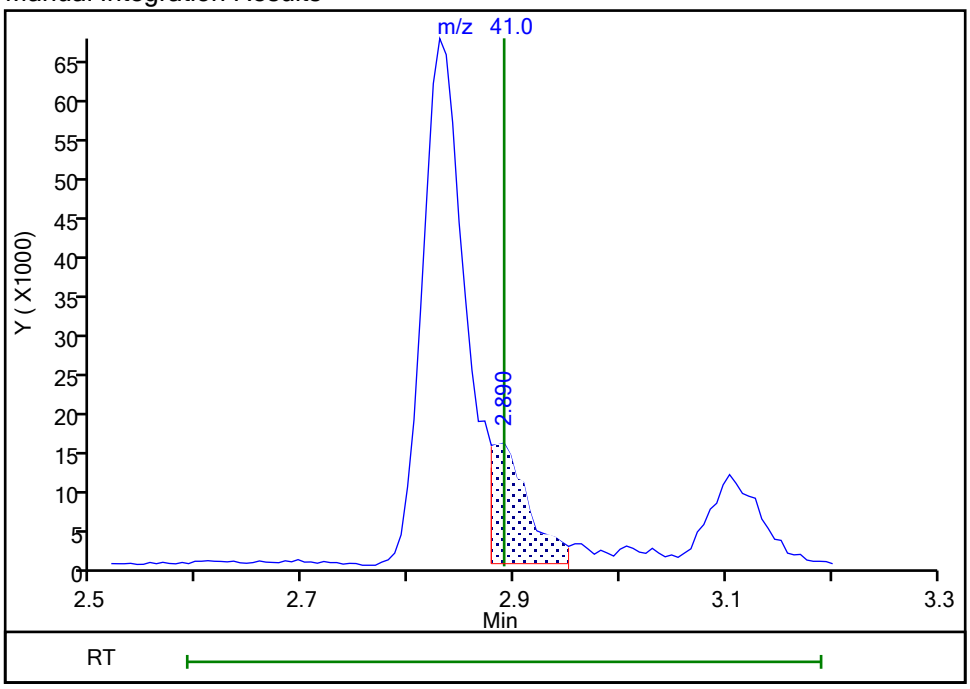
Processing Integration Results

RT: 2.83
Area: 191191
Amount: 871.0730
Amount Units: ug/l



Manual Integration Results

RT: 2.89
Area: 40154
Amount: 182.9431
Amount Units: ug/l



Reviewer: C1JX, 24-Jul-2024 18:50:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

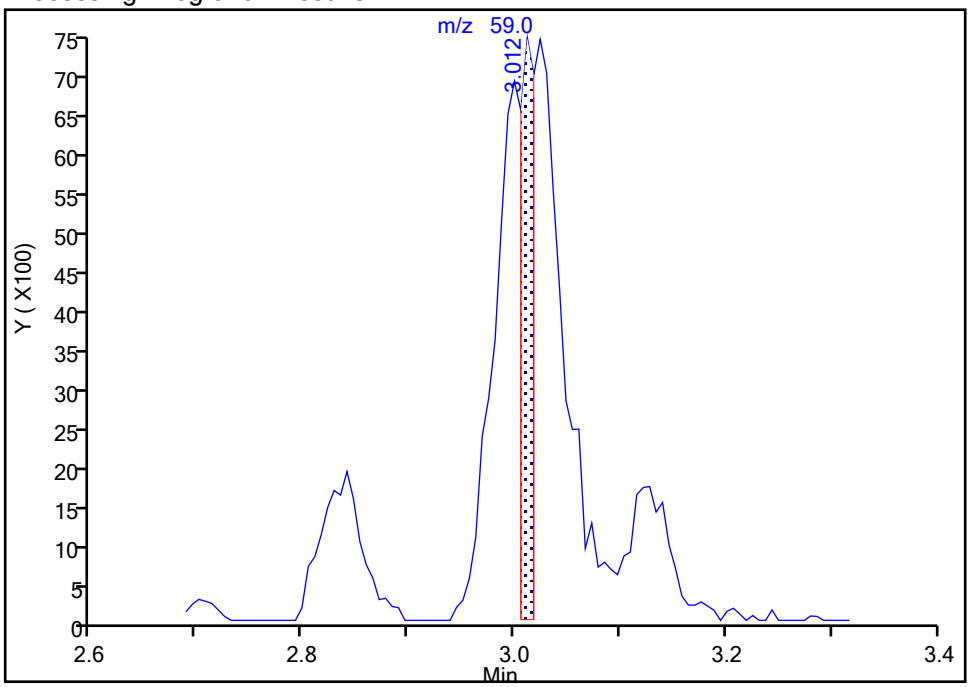
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83661.D
Injection Date: 24-Jul-2024 18:30:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

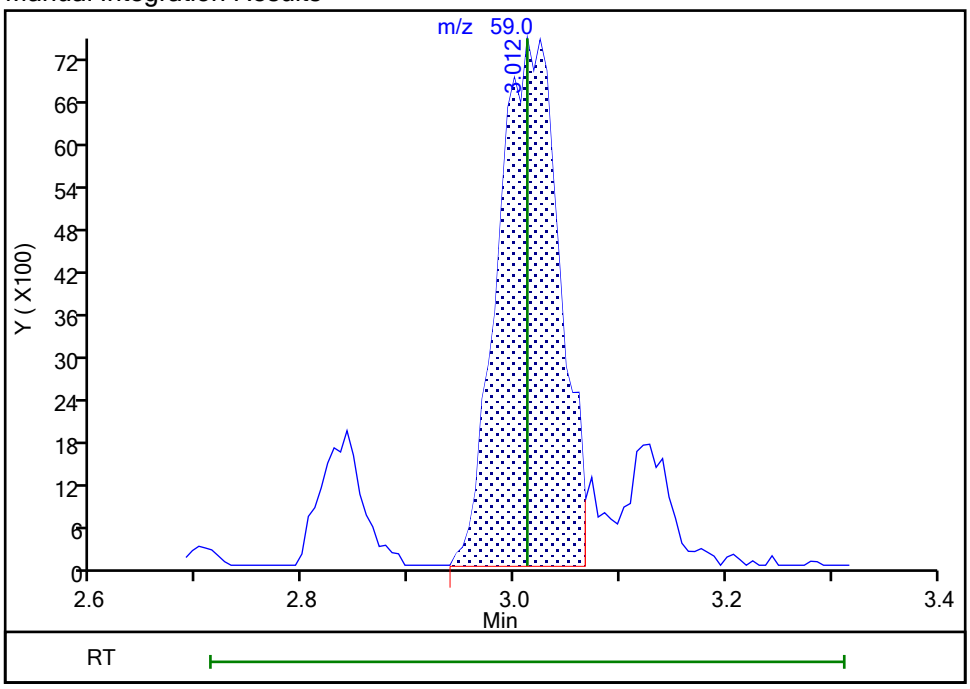
Processing Integration Results

RT: 3.01
Area: 7611
Amount: 43.246432
Amount Units: ug/l



Manual Integration Results

RT: 3.01
Area: 30205
Amount: 171.6277
Amount Units: ug/l



Reviewer: C1JX, 24-Jul-2024 18:50:48 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

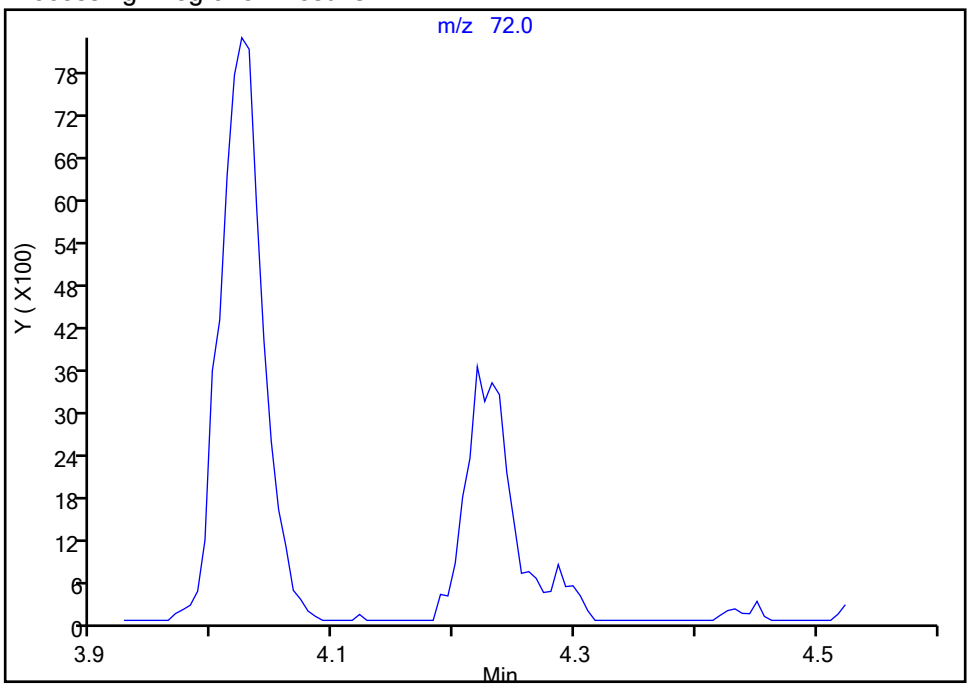
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83661.D
Injection Date: 24-Jul-2024 18:30:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

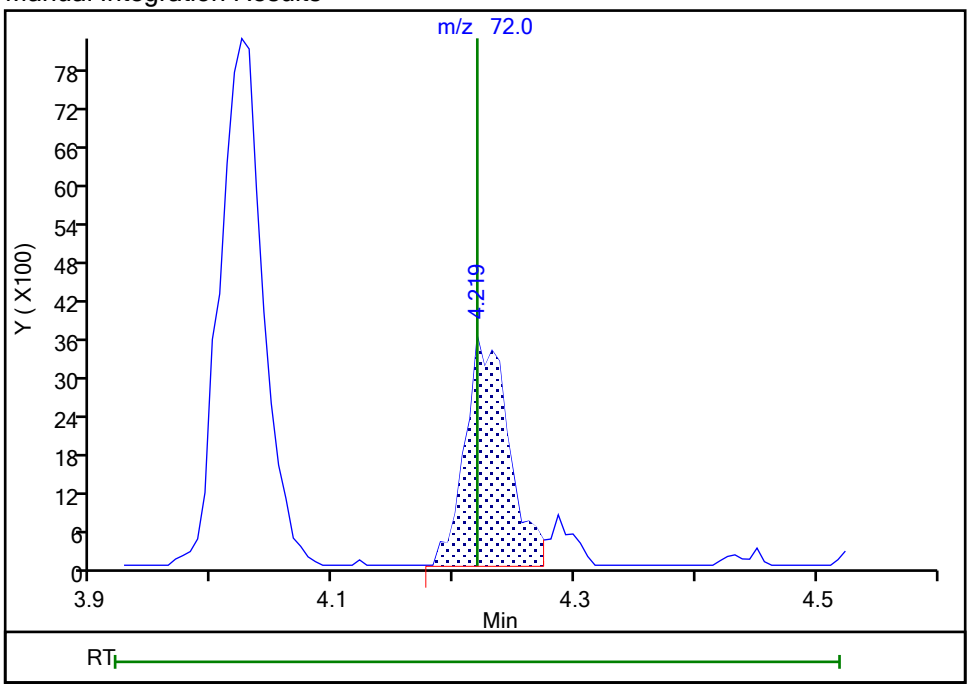
Not Detected
Expected RT: 4.22

Processing Integration Results



Manual Integration Results

RT: 4.22
Area: 9022
Amount: 40.133907
Amount Units: ug/l



Reviewer: C1JX, 24-Jul-2024 18:51:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

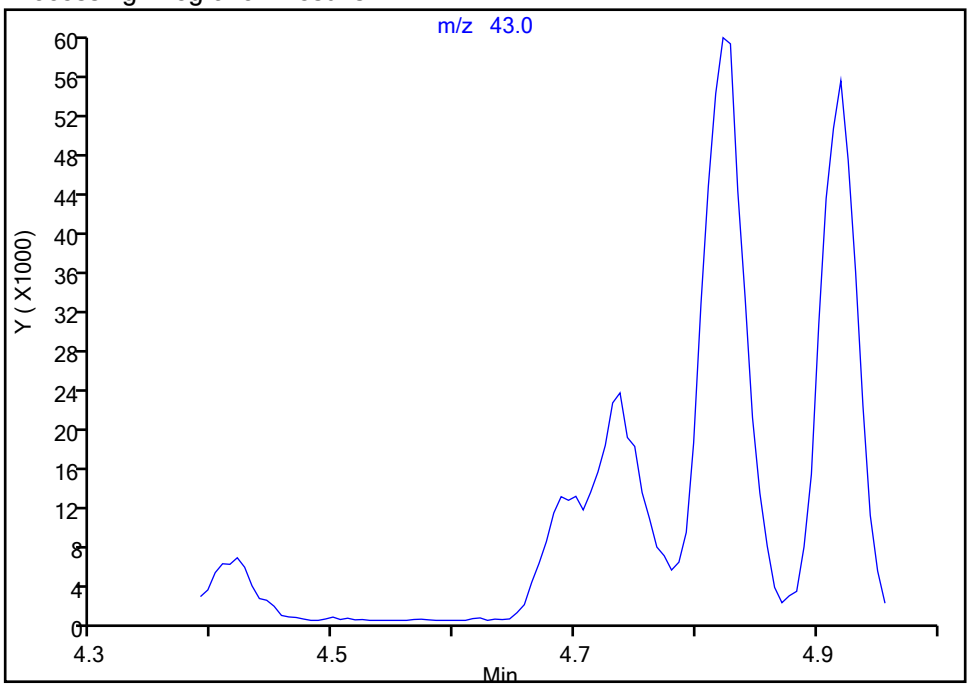
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83661.D
Injection Date: 24-Jul-2024 18:30:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

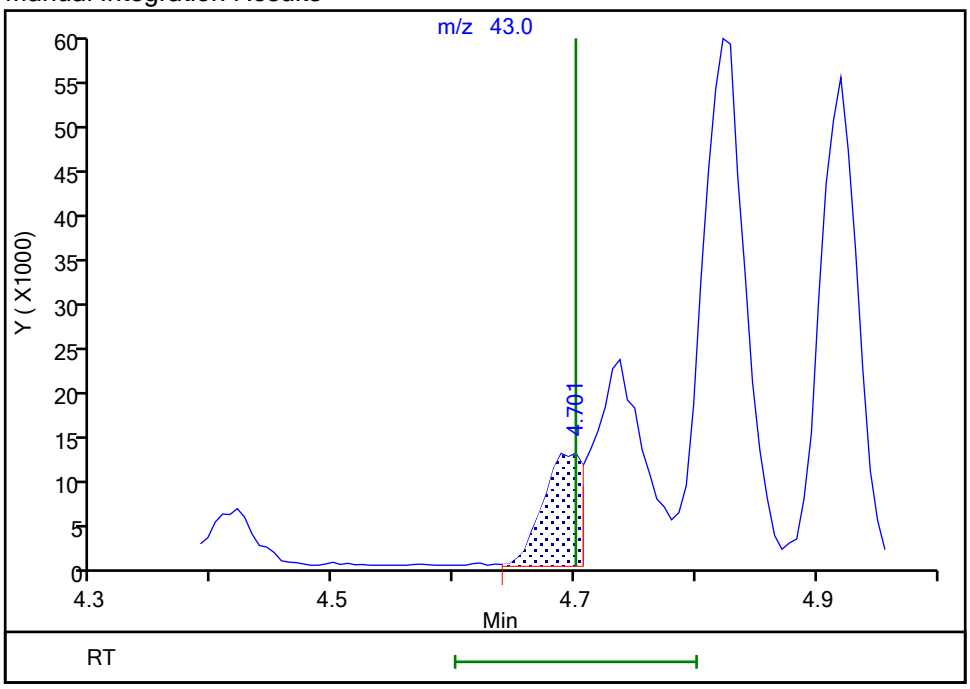
Not Detected
Expected RT: 4.70

Processing Integration Results



Manual Integration Results

RT: 4.70
Area: 29186
Amount: 377.4314
Amount Units: ug/l



Reviewer: XE5L, 25-Jul-2024 11:23:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80097.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	09-May-2024 07:47:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0175641-001				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	12-May-2024 13:17:21	Calib Date:	09-May-2024 10:46:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1643				
First Level Reviewer: FK2C		Date:	10-May-2024 06:29:53		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

QC Flag Legend

Processing Flags

Reagents:

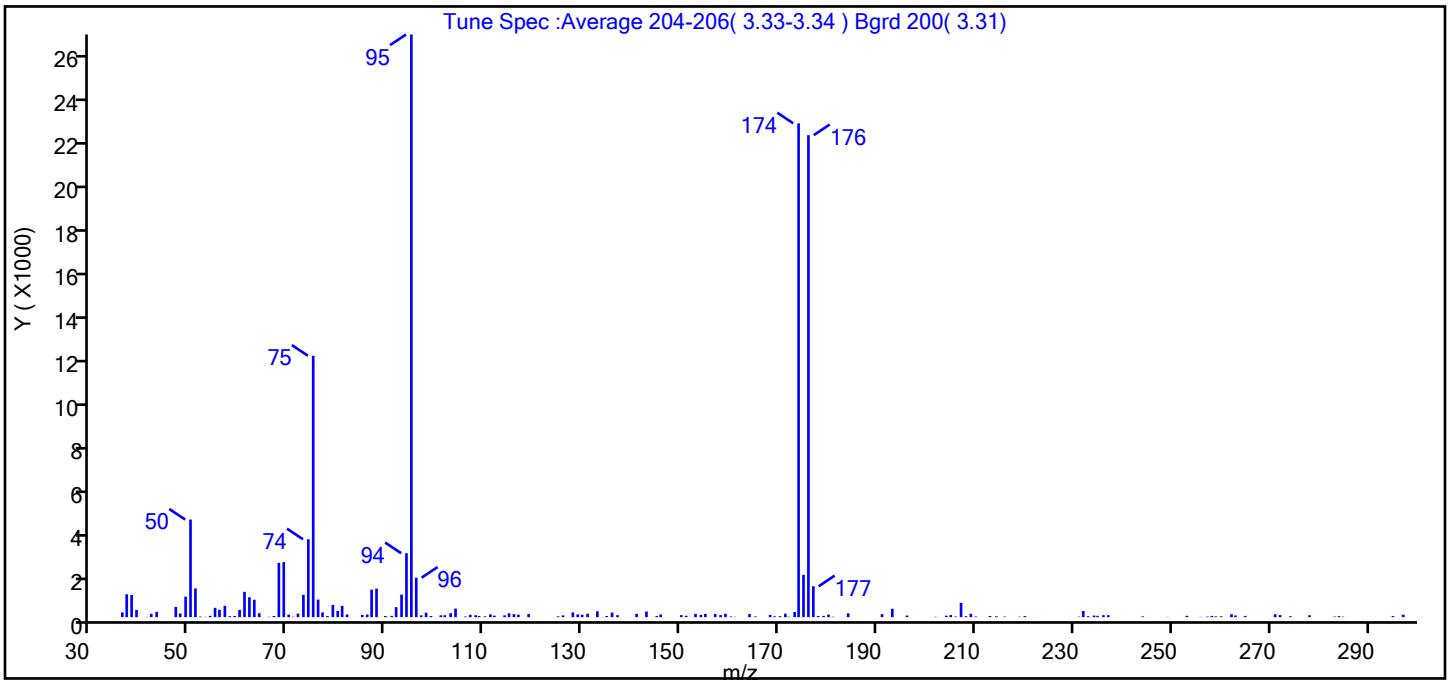
BFB_00035 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80097.D
Injection Date: 09-May-2024 07:47:30 Instrument ID: CVOAMS17
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (118.0)
96	5 to 9% of m/z 95	6.8
173	<2% of m/z 174	0.9 (1.0)
174	50 to 200% of m/z 95	84.7
175	5 to 9% of m/z 174	7.3 (8.6)
176	95 to 105% of m/z 174	82.7 (97.6)
177	5 to 10% of m/z 176	5.3 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80097.D\8260W_17.rslt\spectra.d
Injection Date: 09-May-2024 07:47:30
Spectrum: Tune Spec :Average 204-206(3.33-3.34) Bgrd 200(3.31)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 158

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	220	80.00	288	134.00	8	205.00	95
37.00	1054	81.00	523	135.00	52	206.00	29
38.00	1022	82.00	123	136.00	212	207.00	659
39.00	334	85.00	101	137.00	90	208.00	44
41.00	6	86.00	122	141.00	152	209.00	157
42.00	155	87.00	1267	143.00	259	210.00	29
43.00	246	88.00	1316	145.00	51	213.00	54
45.00	4	90.00	53	146.00	119	214.00	40
47.00	473	91.00	61	150.00	93	216.00	25
48.00	168	92.00	462	151.00	62	219.00	18
49.00	945	93.00	1043	153.00	152	220.00	50
50.00	4505	94.00	2953	154.00	104	231.00	21
51.00	1326	95.00	26904	155.00	149	232.00	286
52.00	28	96.00	1821	157.00	147	233.00	44
53.00	13	97.00	83	158.00	93	234.00	72
54.00	60	98.00	207	159.00	155	235.00	60
55.00	429	99.00	53	160.00	33	236.00	90
56.00	339	101.00	83	161.00	15	237.00	90
57.00	524	102.00	87	164.00	142	244.00	34
58.00	44	103.00	182	165.00	33	249.00	10
59.00	53	104.00	394	168.00	105	253.00	62
60.00	336	106.00	28	169.00	38	256.00	12
61.00	1168	107.00	109	170.00	45	257.00	26
62.00	918	108.00	89	171.00	157	258.00	58
63.00	804	109.00	51	172.00	19	259.00	34
64.00	180	110.00	38	173.00	236	260.00	38
66.00	16	111.00	130	174.00	22800	262.00	136
67.00	53	112.00	68	175.00	1954	263.00	78
68.00	2508	114.00	82	176.00	22256	265.00	57
69.00	2544	115.00	178	177.00	1424	271.00	134
70.00	114	116.00	138	178.00	51	272.00	96
71.00	19	117.00	117	179.00	57	274.00	42
72.00	165	119.00	143	180.00	116	278.00	87

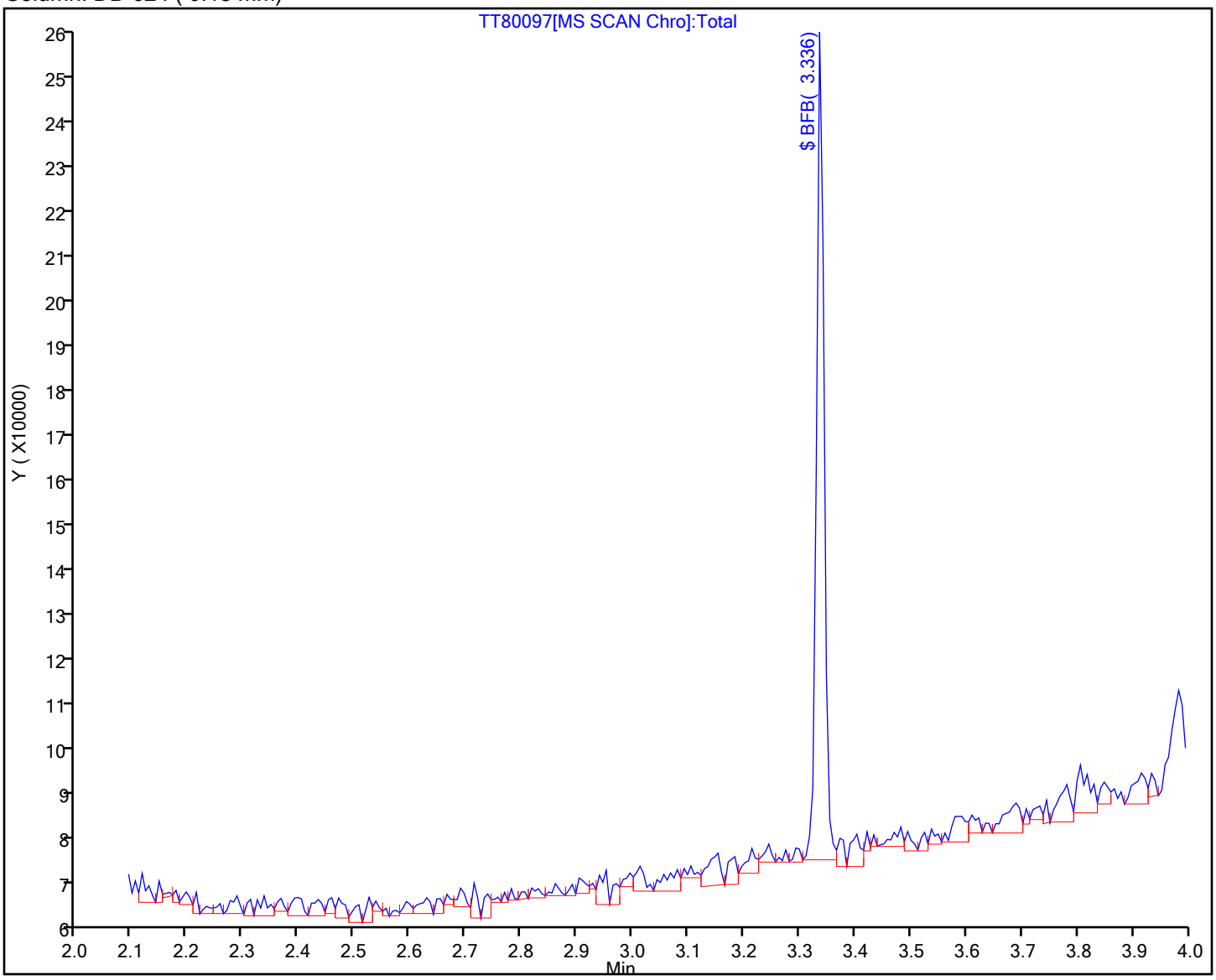
Report Date: 12-May-2024 13:17:22 Chrom Revision: 2.3 01-May-2024 15:52:26
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80097.D\8260W_17.rslt\spectra.d
Injection Date: 09-May-2024 07:47:30
Spectrum: Tune Spec :Average 204-206(3.33-3.34) Bgrd 200(3.31)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 158

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	1030	125.00	37	181.00	18	283.00	26
74.00	3595	126.00	81	184.00	177	284.00	47
75.00	12069	128.00	219	191.00	139	285.00	22
76.00	809	129.00	128	193.00	387	295.00	50
77.00	216	130.00	110	196.00	75	297.00	112
78.00	51	131.00	160	202.00	16		
79.00	560	133.00	270	204.00	68		

Report Date: 12-May-2024 13:17:22 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80097.D
Injection Date: 09-May-2024 07:47:30 Instrument ID: CVOAMS17
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-986925/9

Matrix: Water | Lab File ID: TT83667.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 20:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-986925/9

Matrix: Water | Lab File ID: TT83667.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 20:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-986925/9

Matrix: Water | Lab File ID: TT83667.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 20:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83667.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 24-Jul-2024 20:27:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0178783-009
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 07:06:13 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: FK2C Date: 25-Jul-2024 06:40:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.957	2.945	0.012	0	25815	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.969	3.969	0.000	0	155060	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.439	4.439	0.000	99	199666	50.0	49.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.780	4.780	0.000	0	162201	50.0	42.1	
* 66 Fluorobenzene	96	5.048	5.048	0.000	99	824209	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.731	5.725	0.006	0	21701	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.688	6.688	0.000	99	778094	50.0	48.9	
* 94 Chlorobenzene-d5	117	8.450	8.450	0.000	85	596627	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.913	9.913	0.000	98	254656	50.0	51.8	
* 121 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	94	342150	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00075 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 25-Jul-2024 09:06:08 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83667.D

Injection Date: 24-Jul-2024 20:27:30 Instrument ID: CVOAMS17

Lims ID: MB

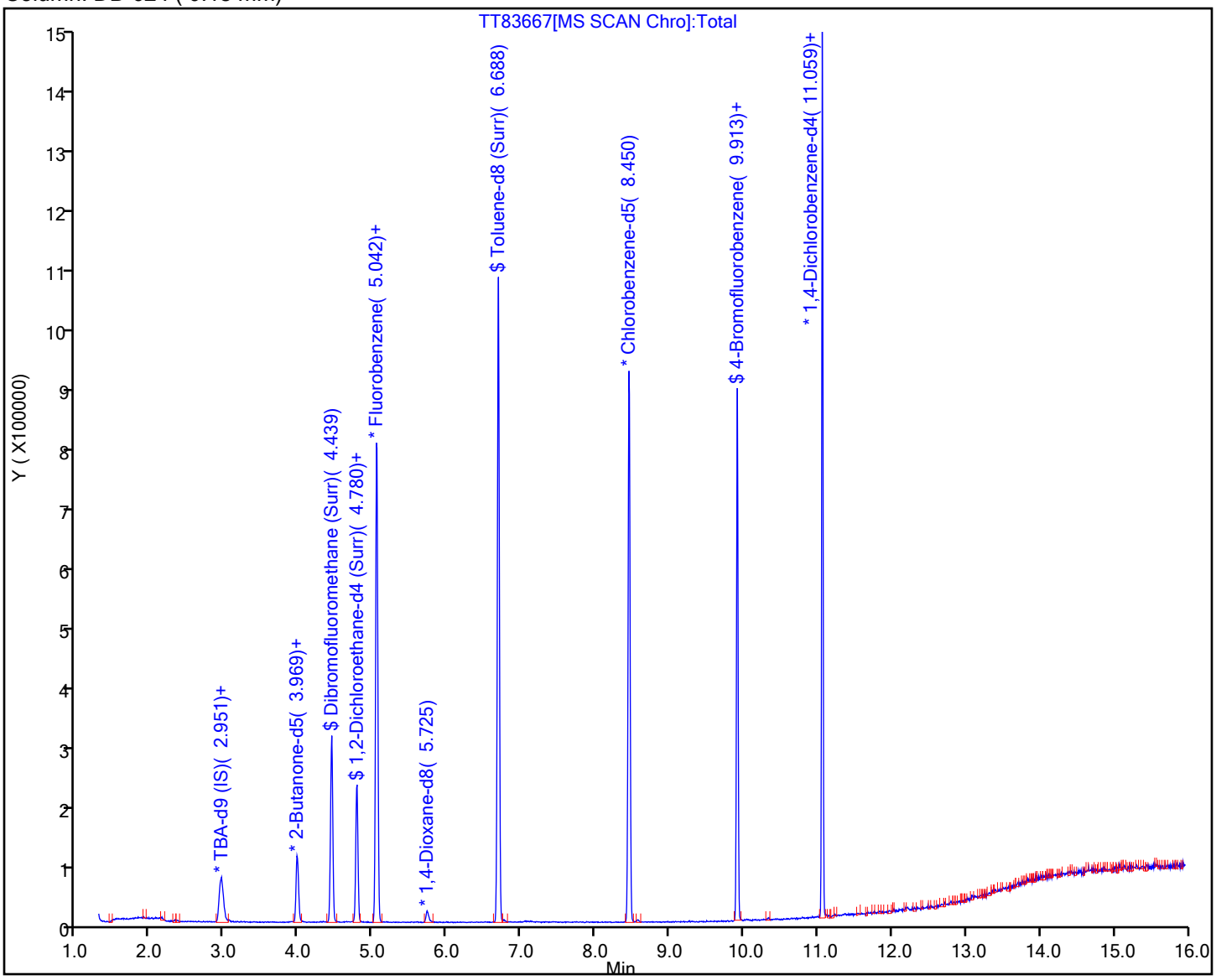
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83667.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 24-Jul-2024 20:27:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0178783-009
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 07:06:13 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: FK2C Date: 25-Jul-2024 06:40:11

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.8	99.53
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.1	84.13
$ 83 Toluene-d8 (Surr)	50.0	48.9	97.72
$ 105 4-Bromofluorobenzene	50.0	51.8	103.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-986925/5

Matrix: Water | Lab File ID: TT83663.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 19:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	14.7		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.4		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.0		1.0	0.20
75-34-3	1,1-Dichloroethane	19.6		1.0	0.26
75-35-4	1,1-Dichloroethene	19.1		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	21.6		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.4		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	18.9		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	13.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.0		1.0	0.21
107-06-2	1,2-Dichloroethane	16.9		1.0	0.43
78-87-5	1,2-Dichloropropane	18.4		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	18.7		1.0	0.33
541-73-1	1,3-Dichlorobenzene	20.7		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.8		1.0	0.33
78-93-3	2-Butanone (MEK)	99.4		5.0	1.9
591-78-6	2-Hexanone	105		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	109		5.0	1.3
67-64-1	Acetone	89.3		5.0	4.4
71-43-2	Benzene	18.7		1.0	0.20
75-25-2	Bromoform	16.5		1.0	0.54
74-83-9	Bromomethane	25.6		1.0	0.55
75-15-0	Carbon disulfide	16.2		1.0	0.82
56-23-5	Carbon tetrachloride	20.1		1.0	0.21
108-90-7	Chlorobenzene	21.2		1.0	0.38
74-97-5	Chlorobromomethane	19.2		1.0	0.41
124-48-1	Chlorodibromomethane	17.6		1.0	0.28
75-00-3	Chloroethane	23.7		1.0	0.32
67-66-3	Chloroform	20.2		1.0	0.33
74-87-3	Chloromethane	18.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.6		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-986925/5

Matrix: Water | Lab File ID: TT83663.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 19:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	16.3		1.0	0.22
110-82-7	Cyclohexane	18.6		1.0	0.32
75-27-4	Dichlorobromomethane	17.0		1.0	0.34
75-71-8	Dichlorodifluoromethane	16.1		1.0	0.31
100-41-4	Ethylbenzene	20.8		1.0	0.30
106-93-4	Ethylene Dibromide	16.2		1.0	0.50
98-82-8	Isopropylbenzene	20.1		1.0	0.34
79-20-9	Methyl acetate	27.7		5.0	0.79
1634-04-4	Methyl tert-butyl ether	16.6		1.0	0.22
108-87-2	Methylcyclohexane	17.9		1.0	0.71
75-09-2	Methylene Chloride	19.1		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.5		1.0	0.30
104-51-8	n-Butylbenzene	19.6		1.0	0.32
103-65-1	N-Propylbenzene	18.2		1.0	0.32
95-47-6	o-Xylene	20.1		1.0	0.36
135-98-8	sec-Butylbenzene	19.1		1.0	0.37
100-42-5	Styrene	19.3		1.0	0.42
98-06-6	tert-Butylbenzene	18.7		1.0	0.34
127-18-4	Tetrachloroethene	21.5		1.0	0.25
108-88-3	Toluene	19.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	15.8		1.0	0.22
79-01-6	Trichloroethene	19.2		1.0	0.31
75-69-4	Trichlorofluoromethane	21.4		1.0	0.32
75-01-4	Vinyl chloride	19.0		1.0	0.17
1330-20-7	Xylenes, Total	40.6		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-986925/5

Matrix: Water | Lab File ID: TT83663.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 19:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83663.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 24-Jul-2024 19:09:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0178783-005
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 11:27:49 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: XE5L Date: 25-Jul-2024 11:26:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	65	1.366	1.372	-0.006	96	39409	20.0	13.9	
3 Chlorotrifluoroethene	116	1.378	1.378	0.000	56	22782	20.0	11.6	a
4 Dichlorodifluoromethane	85	1.409	1.403	0.006	78	97830	20.0	16.1	
5 Chlorodifluoromethane	67	1.409	1.409	0.000	95	16041	20.0	16.8	
6 Chloromethane	50	1.555	1.549	0.006	99	110682	20.0	18.8	
8 Butadiene	54	1.640	1.640	0.000	94	92715	20.0	18.2	
7 Vinyl chloride	62	1.646	1.653	-0.007	90	103528	20.0	19.0	
9 Bromomethane	94	1.890	1.890	0.000	99	88651	20.0	25.6	
10 Chloroethane	64	1.963	1.957	0.006	99	72272	20.0	23.7	
11 Dichlorofluoromethane	67	2.122	2.122	0.000	98	204728	20.0	20.6	
12 Trichlorofluoromethane	101	2.128	2.134	-0.006	55	141371	20.0	21.4	
13 Pentane	72	2.165	2.159	0.006	96	28022	40.0	30.9	
15 Ethyl ether	74	2.335	2.329	0.006	96	39704	20.0	15.8	
14 Ethanol	46	2.293	2.341	-0.048	67	9741	800.0	1031.5	a
16 2-Methyl-1,3-butadiene	53	2.360	2.360	0.000	93	72355	20.0	15.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.396	2.396	0.000	85	95858	20.0	20.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.451	0.000	97	138641	20.0	19.2	
19 Acrolein	56	2.494	2.500	-0.006	52	14905	40.0	27.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.512	2.518	-0.006	91	95686	20.0	20.4	a
21 1,1-Dichloroethene	96	2.536	2.537	0.000	97	90037	20.0	19.1	
22 Acetone	43	2.616	2.610	0.006	87	47093	100.0	89.3	
23 Iodomethane	142	2.677	2.677	0.000	96	188140	20.0	21.6	
25 Isopropyl alcohol	45	2.695	2.683	0.012	97	25360	200.0	248.8	
24 Carbon disulfide	76	2.713	2.707	0.006	99	293591	20.0	16.2	
26 3-Chloro-1-propene	76	2.835	2.835	0.000	93	56801	20.0	17.7	
27 Methyl acetate	43	2.835	2.841	-0.006	51	53405	40.0	27.7	
28 Cyclopentene	67	2.853	2.854	-0.001	92	172162	20.0	16.0	
29 Acetonitrile	41	2.890	2.890	0.000	96	41446	200.0	193.6	a
* 31 TBA-d9 (IS)	66	2.945	2.945	0.000	0	25918	1000.0	1000.0	
30 Methylene Chloride	84	2.957	2.951	0.006	91	100551	20.0	19.1	
32 2-Methyl-2-propanol	59	3.000	3.012	-0.012	94	37084	200.0	225.2	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.103	3.103	0.000	97	185066	20.0	16.6	
34 trans-1,2-Dichloroethene	96	3.134	3.134	0.000	94	102148	20.0	19.4	
35 Acrylonitrile	53	3.195	3.195	0.000	95	144628	200.0	141.9	
36 Hexane	57	3.286	3.286	0.000	91	111298	20.0	16.8	
37 Isopropyl ether	45	3.487	3.488	-0.001	95	278323	20.0	17.5	
38 1,1-Dichloroethane	63	3.518	3.512	0.006	99	173351	20.0	19.6	
39 Vinyl acetate	86	3.524	3.518	0.006	100	18391	40.0	42.2	
40 2-Chloro-1,3-butadiene	88	3.561	3.561	0.000	89	81914	20.0	18.5	
41 Tert-butyl ethyl ether	59	3.786	3.786	0.000	90	232595	20.0	16.8	
* 42 2-Butanone-d5	46	3.969	3.969	0.000	0	156223	250.0	250.0	
43 2,2-Dichloropropane	97	4.000	3.994	0.006	94	34896	20.0	18.7	
44 cis-1,2-Dichloroethene	96	4.012	4.012	0.000	97	107981	20.0	19.6	
45 2-Butanone (MEK)	72	4.024	4.024	0.000	95	19565	100.0	99.4	
46 Ethyl acetate	70	4.030	4.030	0.000	93	9371	40.0	43.0	
47 Methyl acrylate	55	4.085	4.079	0.006	99	34077	20.0	14.4	
48 Propionitrile	54	4.152	4.146	0.006	98	49700	200.0	217.4	
50 Tetrahydrofuran	72	4.231	4.219	0.012	45	10115	40.0	46.1	a
49 Chlorobromomethane	128	4.231	4.225	0.006	84	44566	20.0	19.2	
51 Methacrylonitrile	67	4.256	4.256	0.000	91	169415	200.0	155.2	
52 Chloroform	83	4.286	4.286	0.000	99	163009	20.0	20.2	
53 Cyclohexane	84	4.414	4.420	-0.006	90	135095	20.0	18.6	
54 1,1,1-Trichloroethane	97	4.426	4.426	0.000	97	146033	20.0	21.1	
$ 55 Dibromofluoromethane (Surr)	113	4.439	4.439	0.000	99	206242	50.0	50.5	
56 Carbon tetrachloride	117	4.548	4.548	0.000	96	123032	20.0	20.1	
57 1,1-Dichloropropene	75	4.573	4.573	0.000	98	116664	20.0	17.9	
58 Isobutyl alcohol	43	4.695	4.701	-0.006	94	27713	500.0	383.0	
59 Isooctane	57	4.737	4.737	0.000	99	293799	20.0	17.7	
60 Benzene	78	4.762	4.762	0.000	96	369696	20.0	18.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.780	4.780	0.000	0	163994	50.0	41.8	
63 Isopropyl acetate	61	4.835	4.823	0.012	76	25445	20.0	14.1	
62 Tert-amyl methyl ether	73	4.829	4.829	0.000	90	202863	20.0	17.2	
64 1,2-Dichloroethane	62	4.847	4.847	0.000	97	80384	20.0	16.9	
65 n-Heptane	100	4.920	4.926	-0.006	91	19696	20.0	16.7	
* 66 Fluorobenzene	96	5.048	5.048	0.000	99	839539	50.0	50.0	
67 n-Butanol	56	5.335	5.341	-0.006	88	22476	500.0	568.7	
68 Trichloroethene	95	5.390	5.390	0.000	95	92979	20.0	19.2	
70 Ethyl acrylate	99	5.511	5.512	-0.001	93	5457	20.0	11.9	
69 Methylcyclohexane	83	5.518	5.518	0.000	89	149620	20.0	17.9	
71 1,2-Dichloropropane	63	5.670	5.670	0.000	91	89570	20.0	18.4	
* 72 1,4-Dioxane-d8	96	5.725	5.725	0.000	0	21062	1000.0	1000.0	
73 Methyl methacrylate	100	5.755	5.755	0.000	89	23032	40.0	29.4	
75 1,4-Dioxane	88	5.792	5.786	0.006	30	10139	400.0	425.1	M
74 Dibromomethane	93	5.798	5.798	0.000	93	38001	20.0	17.7	
76 n-Propyl acetate	43	5.810	5.810	0.000	98	53271	20.0	14.4	
77 Dichlorobromomethane	83	5.950	5.950	0.000	98	96162	20.0	17.0	
78 2-Nitropropane	41	6.280	6.286	-0.006	79	15569	40.0	27.8	
79 2-Chloroethyl vinyl ether	63	6.286	6.292	-0.006	86	28426	20.0	13.6	
80 Epichlorohydrin	57	6.389	6.383	0.006	98	61202	400.0	418.3	
81 cis-1,3-Dichloropropene	75	6.444	6.438	0.006	91	120705	20.0	16.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.609	6.609	0.000	96	72649	100.0	109.1	
$ 83 Toluene-d8 (Surr)	98	6.688	6.688	0.000	100	805935	50.0	48.8	
84 Toluene	91	6.761	6.761	0.000	94	393659	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.109	7.109	0.000	96	89463	20.0	15.8	
86 Ethyl methacrylate	69	7.145	7.145	0.000	88	61415	20.0	13.0	
87 1,1,2-Trichloroethane	83	7.322	7.322	0.000	95	48298	20.0	18.0	
88 Tetrachloroethene	166	7.365	7.365	0.000	97	107192	20.0	21.5	
89 1,3-Dichloropropane	76	7.529	7.529	0.000	92	90068	20.0	16.9	
90 2-Hexanone	43	7.596	7.597	0.000	96	105638	100.0	104.6	
91 n-Butyl acetate	43	7.712	7.712	0.000	99	62329	20.0	13.8	
92 Chlorodibromomethane	129	7.755	7.755	0.000	98	67215	20.0	17.6	
93 Ethylene Dibromide	107	7.907	7.907	0.000	99	48881	20.0	16.2	
* 94 Chlorobenzene-d5	117	8.450	8.450	0.000	85	619211	50.0	50.0	
95 Chlorobenzene	112	8.487	8.487	0.000	96	258960	20.0	21.2	
96 Ethylbenzene	106	8.596	8.596	0.000	98	144078	20.0	20.8	
97 1,1,1,2-Tetrachloroethane	131	8.615	8.609	0.007	96	91753	20.0	19.0	
98 m-Xylene & p-Xylene	106	8.755	8.755	0.000	0	174542	20.0	20.5	
100 n-Butyl acrylate	73	9.267	9.267	0.000	97	39707	20.0	14.0	
99 o-Xylene	106	9.267	9.267	0.000	95	176858	20.0	20.1	
101 Styrene	104	9.303	9.303	0.000	97	267576	20.0	19.3	
102 Bromoform	173	9.541	9.541	0.000	66	38283	20.0	16.5	
103 Amyl acetate (mixed isomers)	43	9.535	9.541	-0.006	91	84232	20.0	12.6	
104 Isopropylbenzene	105	9.694	9.694	0.000	95	406475	20.0	20.1	
$ 105 4-Bromofluorobenzene	174	9.913	9.913	0.000	98	268054	50.0	52.5	
106 Bromobenzene	156	10.059	10.059	0.000	93	114059	20.0	19.8	
107 1,1,2,2-Tetrachloroethane	83	10.114	10.114	0.000	99	57971	20.0	14.7	
108 N-Propylbenzene	91	10.145	10.145	0.000	100	520762	20.0	18.2	
109 1,2,3-Trichloropropane	110	10.169	10.163	0.006	96	16606	20.0	15.2	
110 trans-1,4-Dichloro-2-butene	53	10.187	10.187	0.000	77	11409	20.0	12.7	a
111 2-Chlorotoluene	91	10.254	10.255	-0.001	97	362419	20.0	18.3	
112 4-Ethyltoluene	105	10.273	10.273	0.000	98	446221	20.0	18.8	
113 1,3,5-Trimethylbenzene	105	10.346	10.346	0.000	93	377438	20.0	18.7	
114 4-Chlorotoluene	91	10.376	10.376	0.000	97	327259	20.0	18.5	
115 Butyl Methacrylate	87	10.456	10.456	0.000	90	91107	20.0	13.0	
116 tert-Butylbenzene	119	10.651	10.651	0.000	95	308413	20.0	18.7	
117 1,2,4-Trimethylbenzene	105	10.712	10.712	0.000	97	396854	20.0	18.9	
118 sec-Butylbenzene	105	10.864	10.864	0.000	99	497408	20.0	19.1	
119 1,3-Dichlorobenzene	146	10.992	10.992	0.000	98	232446	20.0	20.7	
120 4-Isopropyltoluene	119	11.004	10.998	0.006	98	437762	20.0	19.7	
* 121 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	95	352622	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.084	11.084	0.000	97	225914	20.0	20.8	
123 1,2,3-Trimethylbenzene	105	11.108	11.108	0.000	98	403894	20.0	18.6	
124 Benzyl chloride	91	11.224	11.224	0.000	99	107882	20.0	12.8	
125 2,3-Dihydroindene	117	11.285	11.285	0.000	94	369694	20.0	18.9	
126 p-Diethylbenzene	119	11.346	11.346	0.000	94	276836	20.0	19.7	
127 n-Butylbenzene	92	11.370	11.370	0.000	98	231873	20.0	19.6	
128 1,2-Dichlorobenzene	146	11.419	11.419	0.000	98	207321	20.0	20.0	
129 1,2,4,5-Tetramethylbenzene	119	12.016	12.016	0.000	98	399957	20.0	19.0	
130 1,2-Dibromo-3-Chloropropane	155	12.096	12.096	0.000	90	8411	20.0	13.3	
131 1,3,5-Trichlorobenzene	180	12.211	12.211	0.000	97	208688	20.0	21.6	
132 1,2,4-Trichlorobenzene	180	12.711	12.711	0.000	93	159490	20.0	20.4	
133 Hexachlorobutadiene	225	12.797	12.797	0.000	98	100068	20.0	20.2	
134 Naphthalene	128	12.900	12.906	-0.006	99	198226	20.0	17.4	
135 1,2,3-Trichlorobenzene	180	13.083	13.083	0.000	95	132563	20.0	21.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	40.6	
S 139 1,3-Dichloropropene, Total	1				0		40.0	32.2	
S 140 Total BTEX	1				0		100.0	99.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00021	Amount Added:	20.00	Units: uL	
ACROLEIN W_00171	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00190	Amount Added:	20.00	Units: uL	
GASES Li_00593	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 25-Jul-2024 11:27:49 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83663.D

Injection Date: 24-Jul-2024 19:09:30 Instrument ID: CVOAMS17

Lims ID: LCS

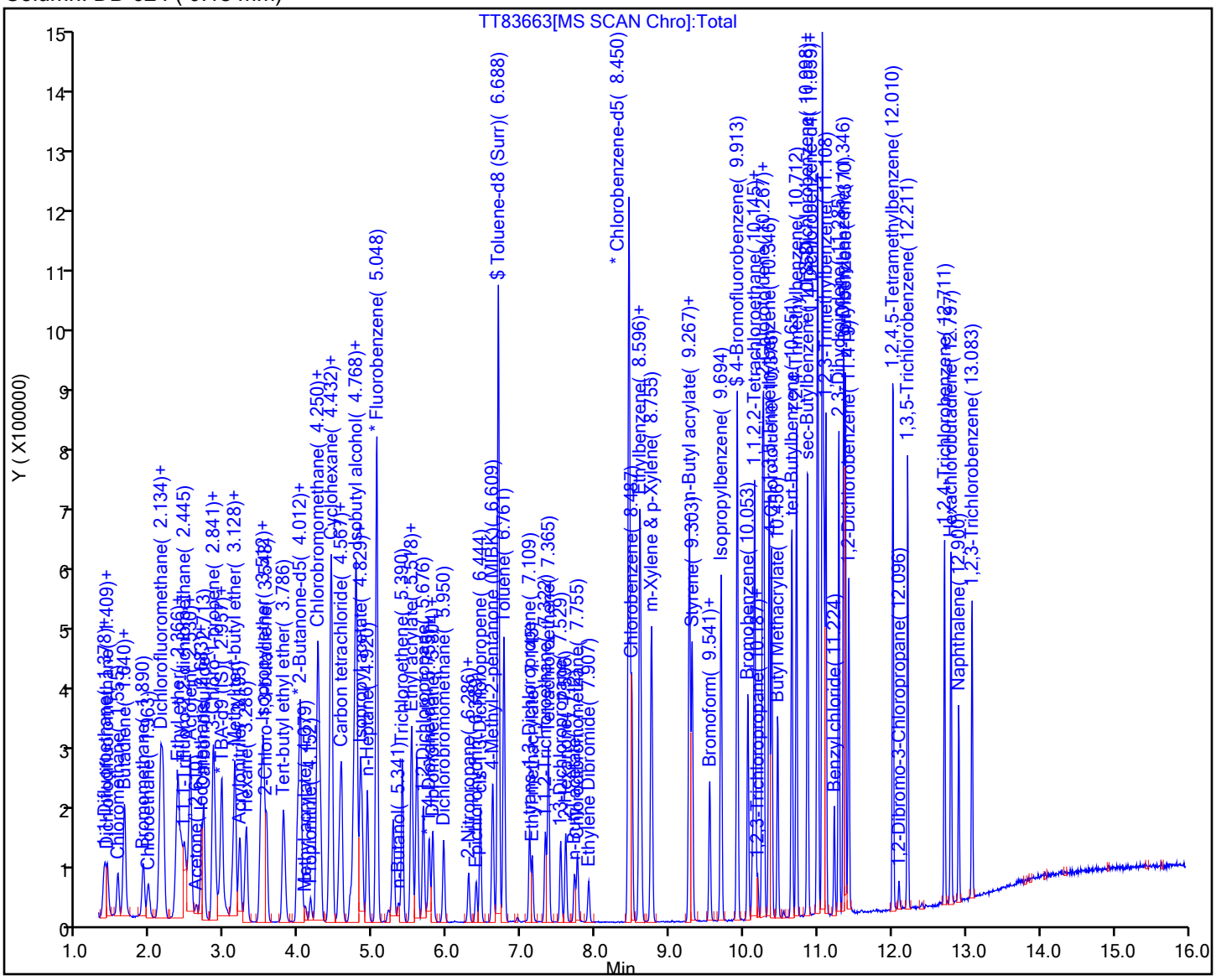
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83663.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 24-Jul-2024 19:09:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0178783-005
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 11:27:49 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: XE5L Date: 25-Jul-2024 11:26:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.5	100.93
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	41.8	83.51
$ 83 Toluene-d8 (Surr)	50.0	48.8	97.52
$ 105 4-Bromofluorobenzene	50.0	52.5	105.07

Eurofins Edison

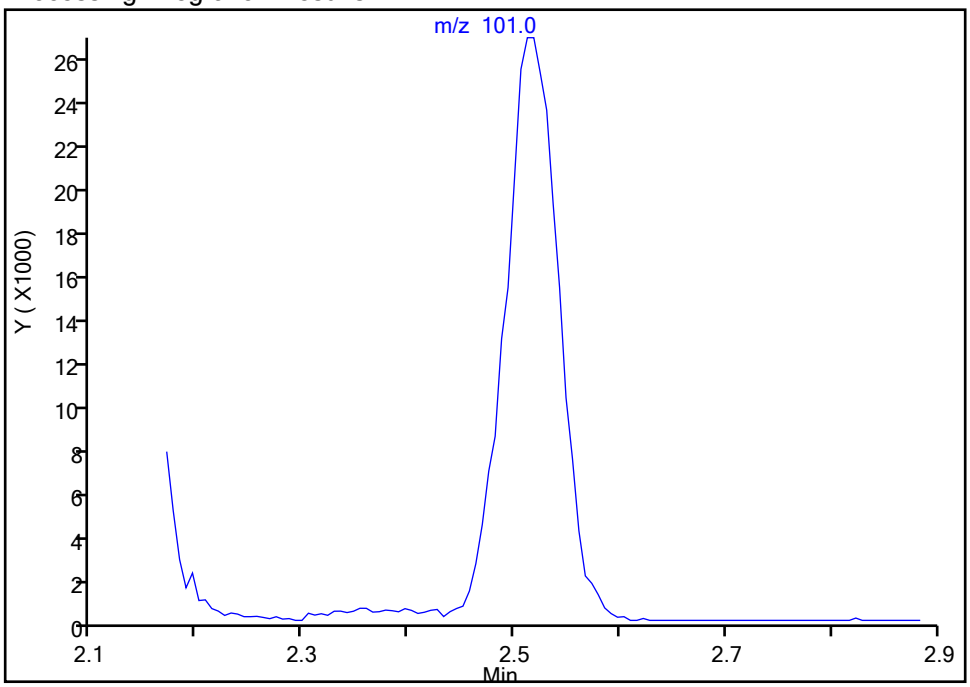
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83663.D
Injection Date: 24-Jul-2024 19:09:30 Instrument ID: CVOAMS17
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

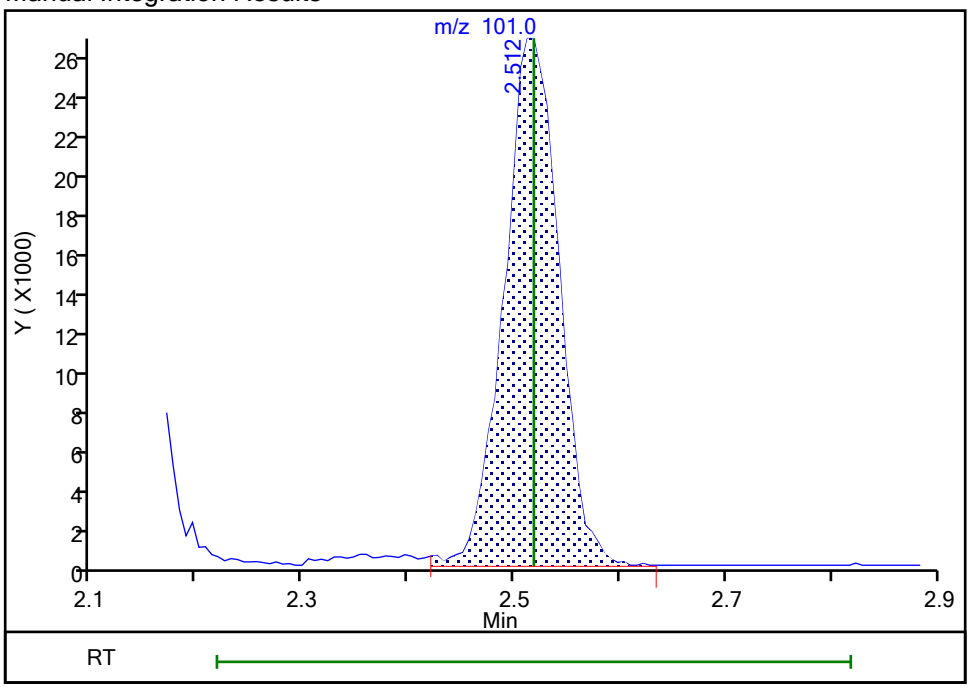
Not Detected
Expected RT: 2.52

Processing Integration Results



Manual Integration Results

RT: 2.51
Area: 95686
Amount: 20.377194
Amount Units: ug/l



Reviewer: C1JX, 24-Jul-2024 19:38:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-986925/6

Matrix: Water | Lab File ID: TT83664.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 19:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	15.1		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	17.9		1.0	0.20
75-34-3	1,1-Dichloroethane	20.0		1.0	0.26
75-35-4	1,1-Dichloroethene	20.4		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	21.1		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.5		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	19.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	13.4		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.9		1.0	0.21
107-06-2	1,2-Dichloroethane	17.7		1.0	0.43
78-87-5	1,2-Dichloropropane	19.2		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	18.9		1.0	0.33
541-73-1	1,3-Dichlorobenzene	20.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.8		1.0	0.33
78-93-3	2-Butanone (MEK)	105		5.0	1.9
591-78-6	2-Hexanone	105		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	114		5.0	1.3
67-64-1	Acetone	90.3		5.0	4.4
71-43-2	Benzene	19.4		1.0	0.20
75-25-2	Bromoform	16.5		1.0	0.54
74-83-9	Bromomethane	26.9		1.0	0.55
75-15-0	Carbon disulfide	17.3		1.0	0.82
56-23-5	Carbon tetrachloride	21.4		1.0	0.21
108-90-7	Chlorobenzene	21.4		1.0	0.38
74-97-5	Chlorobromomethane	19.9		1.0	0.41
124-48-1	Chlorodibromomethane	17.9		1.0	0.28
75-00-3	Chloroethane	24.3		1.0	0.32
67-66-3	Chloroform	21.1		1.0	0.33
74-87-3	Chloromethane	20.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.1		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-986925/6

Matrix: Water | Lab File ID: TT83664.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 19:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	16.3		1.0	0.22
110-82-7	Cyclohexane	19.8		1.0	0.32
75-27-4	Dichlorobromomethane	17.9		1.0	0.34
75-71-8	Dichlorodifluoromethane	16.7		1.0	0.31
100-41-4	Ethylbenzene	21.4		1.0	0.30
106-93-4	Ethylene Dibromide	17.3		1.0	0.50
98-82-8	Isopropylbenzene	20.9		1.0	0.34
79-20-9	Methyl acetate	27.6		5.0	0.79
1634-04-4	Methyl tert-butyl ether	17.0		1.0	0.22
108-87-2	Methylcyclohexane	19.1		1.0	0.71
75-09-2	Methylene Chloride	19.9		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.7		1.0	0.30
104-51-8	n-Butylbenzene	20.1		1.0	0.32
103-65-1	N-Propylbenzene	19.1		1.0	0.32
95-47-6	o-Xylene	20.1		1.0	0.36
135-98-8	sec-Butylbenzene	19.7		1.0	0.37
100-42-5	Styrene	18.9		1.0	0.42
98-06-6	tert-Butylbenzene	19.2		1.0	0.34
127-18-4	Tetrachloroethene	22.3		1.0	0.25
108-88-3	Toluene	19.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	15.8		1.0	0.22
79-01-6	Trichloroethene	19.3		1.0	0.31
75-69-4	Trichlorofluoromethane	21.8		1.0	0.32
75-01-4	Vinyl chloride	20.5		1.0	0.17
1330-20-7	Xylenes, Total	40.9		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-986925/6

Matrix: Water Lab File ID: TT83664.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 07/24/2024 19:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 986925 Units: ug/L

Preparation Batch No.: Instrument ID: VOAMS

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83664.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 24-Jul-2024 19:29:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0178783-006
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 11:27:49 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: XE5L Date: 25-Jul-2024 11:29:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	65	1.360	1.372	-0.012	79	42197	20.0	15.1	a
3 Chlorotrifluoroethene	116	1.366	1.378	-0.012	56	21484	20.0	11.0	
4 Dichlorodifluoromethane	85	1.390	1.403	-0.013	76	100445	20.0	16.7	a
5 Chlorodifluoromethane	67	1.403	1.409	-0.006	95	17032	20.0	18.1	
6 Chloromethane	50	1.543	1.549	-0.006	99	116955	20.0	20.1	
8 Butadiene	54	1.634	1.640	-0.006	95	103200	20.0	20.5	
7 Vinyl chloride	62	1.634	1.653	-0.019	73	110148	20.0	20.5	
9 Bromomethane	94	1.890	1.890	0.000	99	91859	20.0	26.9	
10 Chloroethane	64	1.964	1.957	0.007	99	73036	20.0	24.3	
11 Dichlorofluoromethane	67	2.116	2.122	-0.006	98	208107	20.0	21.2	
12 Trichlorofluoromethane	101	2.122	2.134	-0.012	77	142280	20.0	21.8	
13 Pentane	72	2.153	2.159	-0.007	96	26709	40.0	29.9	
15 Ethyl ether	74	2.329	2.329	0.000	92	40257	20.0	16.2	
14 Ethanol	46	2.311	2.341	-0.030	88	7226	800.0	762.6	
16 2-Methyl-1,3-butadiene	53	2.354	2.360	-0.006	95	77784	20.0	17.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.396	2.396	0.000	91	98203	20.0	21.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.451	0.000	89	143828	20.0	20.2	
19 Acrolein	56	2.494	2.500	-0.006	91	16432	40.0	30.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.518	2.518	0.000	94	97762	20.0	21.1	a
21 1,1-Dichloroethene	96	2.530	2.537	-0.006	98	94824	20.0	20.4	
22 Acetone	43	2.610	2.610	0.000	90	47803	100.0	90.3	
23 Iodomethane	142	2.677	2.677	0.000	97	189296	20.0	22.0	
25 Isopropyl alcohol	45	2.689	2.683	0.006	95	24850	200.0	242.9	
24 Carbon disulfide	76	2.707	2.707	0.000	99	308470	20.0	17.3	
26 3-Chloro-1-propene	76	2.829	2.835	-0.006	90	58076	20.0	18.4	
27 Methyl acetate	43	2.841	2.841	0.000	48	52584	40.0	27.6	
28 Cyclopentene	67	2.854	2.854	0.000	92	179059	20.0	16.9	
29 Acetonitrile	41	2.890	2.890	0.000	90	40580	200.0	188.9	a
* 31 TBA-d9 (IS)	66	2.951	2.945	0.006	0	26005	1000.0	1000.0	
30 Methylene Chloride	84	2.951	2.951	0.000	91	103574	20.0	19.9	
32 2-Methyl-2-propanol	59	3.000	3.012	-0.012	92	36643	200.0	221.7	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.104	3.103	0.001	98	187183	20.0	17.0	
34 trans-1,2-Dichloroethene	96	3.134	3.134	0.000	94	105011	20.0	20.2	
35 Acrylonitrile	53	3.195	3.195	0.000	96	142943	200.0	142.1	
36 Hexane	57	3.280	3.286	-0.006	94	110658	20.0	16.9	
37 Isopropyl ether	45	3.482	3.488	-0.006	95	282353	20.0	18.0	
38 1,1-Dichloroethane	63	3.512	3.512	0.000	99	174428	20.0	20.0	
39 Vinyl acetate	86	3.518	3.518	0.000	100	19471	40.0	44.6	
40 2-Chloro-1,3-butadiene	88	3.555	3.561	-0.006	89	83853	20.0	19.2	
41 Tert-butyl ethyl ether	59	3.786	3.786	0.000	89	236693	20.0	17.4	
* 42 2-Butanone-d5	46	3.969	3.969	0.000	0	156711	250.0	250.0	
43 2,2-Dichloropropane	97	4.000	3.994	0.006	94	35136	20.0	19.1	
44 cis-1,2-Dichloroethene	96	4.012	4.012	0.000	97	109066	20.0	20.1	
45 2-Butanone (MEK)	72	4.024	4.024	0.000	96	20830	100.0	105.5	
46 Ethyl acetate	70	4.024	4.030	-0.006	95	8516	40.0	39.0	
47 Methyl acrylate	55	4.079	4.079	0.000	98	33657	20.0	14.5	
48 Propionitrile	54	4.152	4.146	0.006	97	48463	200.0	211.3	
50 Tetrahydrofuran	72	4.231	4.219	0.012	46	9471	40.0	43.1	
49 Chlorobromomethane	128	4.231	4.225	0.006	87	45509	20.0	19.9	
51 Methacrylonitrile	67	4.256	4.256	0.000	91	168881	200.0	156.7	
52 Chloroform	83	4.286	4.286	0.000	99	167932	20.0	21.1	
53 Cyclohexane	84	4.414	4.420	-0.006	89	141662	20.0	19.8	
54 1,1,1-Trichloroethane	97	4.426	4.426	0.000	80	150783	20.0	22.1	
$ 55 Dibromofluoromethane (Surr)	113	4.433	4.439	-0.006	98	198181	50.0	49.1	
56 Carbon tetrachloride	117	4.548	4.548	0.000	97	129227	20.0	21.4	
57 1,1-Dichloropropene	75	4.567	4.573	-0.006	98	122779	20.0	19.1	
58 Isobutyl alcohol	43	4.689	4.701	-0.012	96	29608	500.0	407.8	
59 Isooctane	57	4.731	4.737	-0.006	99	307114	20.0	18.7	
60 Benzene	78	4.762	4.762	0.000	96	383755	20.0	19.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.774	4.780	-0.006	0	159902	50.0	41.2	
63 Isopropyl acetate	61	4.817	4.823	-0.006	78	28865	20.0	16.3	
62 Tert-amyl methyl ether	73	4.829	4.829	0.000	91	199536	20.0	17.2	
64 1,2-Dichloroethane	62	4.847	4.847	0.000	96	82700	20.0	17.7	
65 n-Heptane	100	4.920	4.926	-0.006	90	20754	20.0	17.9	
* 66 Fluorobenzene	96	5.042	5.048	-0.006	99	828750	50.0	50.0	
67 n-Butanol	56	5.335	5.341	-0.006	88	21921	500.0	552.8	
68 Trichloroethene	95	5.390	5.390	0.000	96	92509	20.0	19.3	
70 Ethyl acrylate	99	5.518	5.512	0.006	93	8996	20.0	19.9	
69 Methylcyclohexane	83	5.512	5.518	-0.006	89	158102	20.0	19.1	
71 1,2-Dichloropropane	63	5.670	5.670	0.000	93	92118	20.0	19.2	
* 72 1,4-Dioxane-d8	96	5.731	5.725	0.006	0	21209	1000.0	1000.0	
73 Methyl methacrylate	100	5.755	5.755	0.000	91	22080	40.0	28.5	
75 1,4-Dioxane	88	5.780	5.786	-0.006	88	9748	400.0	405.9	M
74 Dibromomethane	93	5.798	5.798	0.000	94	38111	20.0	18.0	
76 n-Propyl acetate	43	5.810	5.810	0.000	99	51573	20.0	14.1	
77 Dichlorobromomethane	83	5.951	5.950	0.001	99	100161	20.0	17.9	
78 2-Nitropropane	41	6.280	6.286	-0.006	81	16974	40.0	30.7	
79 2-Chloroethyl vinyl ether	63	6.292	6.292	0.000	86	28532	20.0	13.8	
80 Epichlorohydrin	57	6.383	6.383	0.000	99	61390	400.0	418.3	
81 cis-1,3-Dichloropropene	75	6.444	6.438	0.006	91	120974	20.0	16.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.609	6.609	0.000	95	75995	100.0	113.7	
$ 83 Toluene-d8 (Surr)	98	6.688	6.688	0.000	99	800269	50.0	48.3	
84 Toluene	91	6.761	6.761	0.000	93	402439	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.109	7.109	0.000	96	89722	20.0	15.8	
86 Ethyl methacrylate	69	7.145	7.145	0.000	87	61124	20.0	12.9	
87 1,1,2-Trichloroethane	83	7.322	7.322	0.000	97	47903	20.0	17.9	
88 Tetrachloroethene	166	7.359	7.365	-0.006	96	111705	20.0	22.3	
89 1,3-Dichloropropane	76	7.530	7.529	0.001	93	89866	20.0	16.9	
90 2-Hexanone	43	7.597	7.597	0.001	95	106062	100.0	104.7	
91 n-Butyl acetate	43	7.712	7.712	0.000	98	60262	20.0	13.4	
92 Chlorodibromomethane	129	7.755	7.755	0.000	98	68785	20.0	17.9	
93 Ethylene Dibromide	107	7.907	7.907	0.000	97	52288	20.0	17.3	
* 94 Chlorobenzene-d5	117	8.450	8.450	0.000	85	620630	50.0	50.0	
95 Chlorobenzene	112	8.487	8.487	0.000	97	262339	20.0	21.4	
96 Ethylbenzene	106	8.596	8.596	0.000	98	148451	20.0	21.4	
97 1,1,1,2-Tetrachloroethane	131	8.609	8.609	0.001	94	96190	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.755	8.755	0.000	0	177231	20.0	20.7	
100 n-Butyl acrylate	73	9.261	9.267	-0.006	95	37392	20.0	13.2	
99 o-Xylene	106	9.267	9.267	0.000	95	177400	20.0	20.1	
101 Styrene	104	9.304	9.303	0.001	96	262984	20.0	18.9	
102 Bromoform	173	9.541	9.541	0.000	64	38460	20.0	16.5	
103 Amyl acetate (mixed isomers)	43	9.541	9.541	0.000	92	82321	20.0	12.3	
104 Isopropylbenzene	105	9.694	9.694	0.000	95	423126	20.0	20.9	
$ 105 4-Bromofluorobenzene	174	9.913	9.913	0.000	98	268349	50.0	52.5	
106 Bromobenzene	156	10.059	10.059	0.000	90	112819	20.0	19.5	
107 1,1,2,2-Tetrachloroethane	83	10.114	10.114	0.000	98	59795	20.0	15.1	
108 N-Propylbenzene	91	10.145	10.145	0.000	100	549079	20.0	19.1	
109 1,2,3-Trichloropropane	110	10.163	10.163	0.000	96	17143	20.0	15.7	
110 trans-1,4-Dichloro-2-butene	53	10.188	10.187	0.001	91	11302	20.0	12.6	
111 2-Chlorotoluene	91	10.255	10.255	0.000	97	370986	20.0	18.7	
112 4-Ethyltoluene	105	10.273	10.273	0.000	98	463079	20.0	19.5	
113 1,3,5-Trimethylbenzene	105	10.346	10.346	0.000	93	381027	20.0	18.9	
114 4-Chlorotoluene	91	10.377	10.376	0.000	97	332955	20.0	18.8	
115 Butyl Methacrylate	87	10.456	10.456	0.000	89	91849	20.0	13.1	
116 tert-Butylbenzene	119	10.651	10.651	0.000	95	317640	20.0	19.2	
117 1,2,4-Trimethylbenzene	105	10.712	10.712	0.000	97	407860	20.0	19.4	
118 sec-Butylbenzene	105	10.864	10.864	0.000	99	514022	20.0	19.7	
119 1,3-Dichlorobenzene	146	10.992	10.992	0.000	98	233113	20.0	20.8	
120 4-Isopropyltoluene	119	10.998	10.998	0.000	98	451519	20.0	20.3	
* 121 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	93	352919	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.084	11.084	0.000	97	226389	20.0	20.8	
123 1,2,3-Trimethylbenzene	105	11.108	11.108	0.000	98	413542	20.0	19.0	
124 Benzyl chloride	91	11.224	11.224	0.000	99	105869	20.0	12.6	
125 2,3-Dihydroindene	117	11.285	11.285	0.000	95	370610	20.0	18.9	
126 p-Diethylbenzene	119	11.346	11.346	0.000	94	285017	20.0	20.3	
127 n-Butylbenzene	92	11.370	11.370	0.000	97	238252	20.0	20.1	
128 1,2-Dichlorobenzene	146	11.419	11.419	0.000	98	206243	20.0	19.9	
129 1,2,4,5-Tetramethylbenzene	119	12.016	12.016	0.000	98	408716	20.0	19.4	
130 1,2-Dibromo-3-Chloropropane	155	12.102	12.096	0.006	95	8466	20.0	13.4	
131 1,3,5-Trichlorobenzene	180	12.212	12.211	0.001	97	209366	20.0	21.7	
132 1,2,4-Trichlorobenzene	180	12.711	12.711	0.000	93	160545	20.0	20.5	
133 Hexachlorobutadiene	225	12.797	12.797	0.000	99	100297	20.0	20.2	
134 Naphthalene	128	12.900	12.906	-0.006	100	199759	20.0	17.6	
135 1,2,3-Trichlorobenzene	180	13.083	13.083	0.000	95	129355	20.0	21.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	40.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	32.2	
S 140 Total BTEX	1				0		100.0	101.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00021	Amount Added:	20.00	Units: uL	
ACROLEIN W_00171	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00190	Amount Added:	20.00	Units: uL	
GASES Li_00593	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 25-Jul-2024 11:29:24 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83664.D

Injection Date: 24-Jul-2024 19:29:30 Instrument ID: CVOAMS17

Lims ID: LCSD

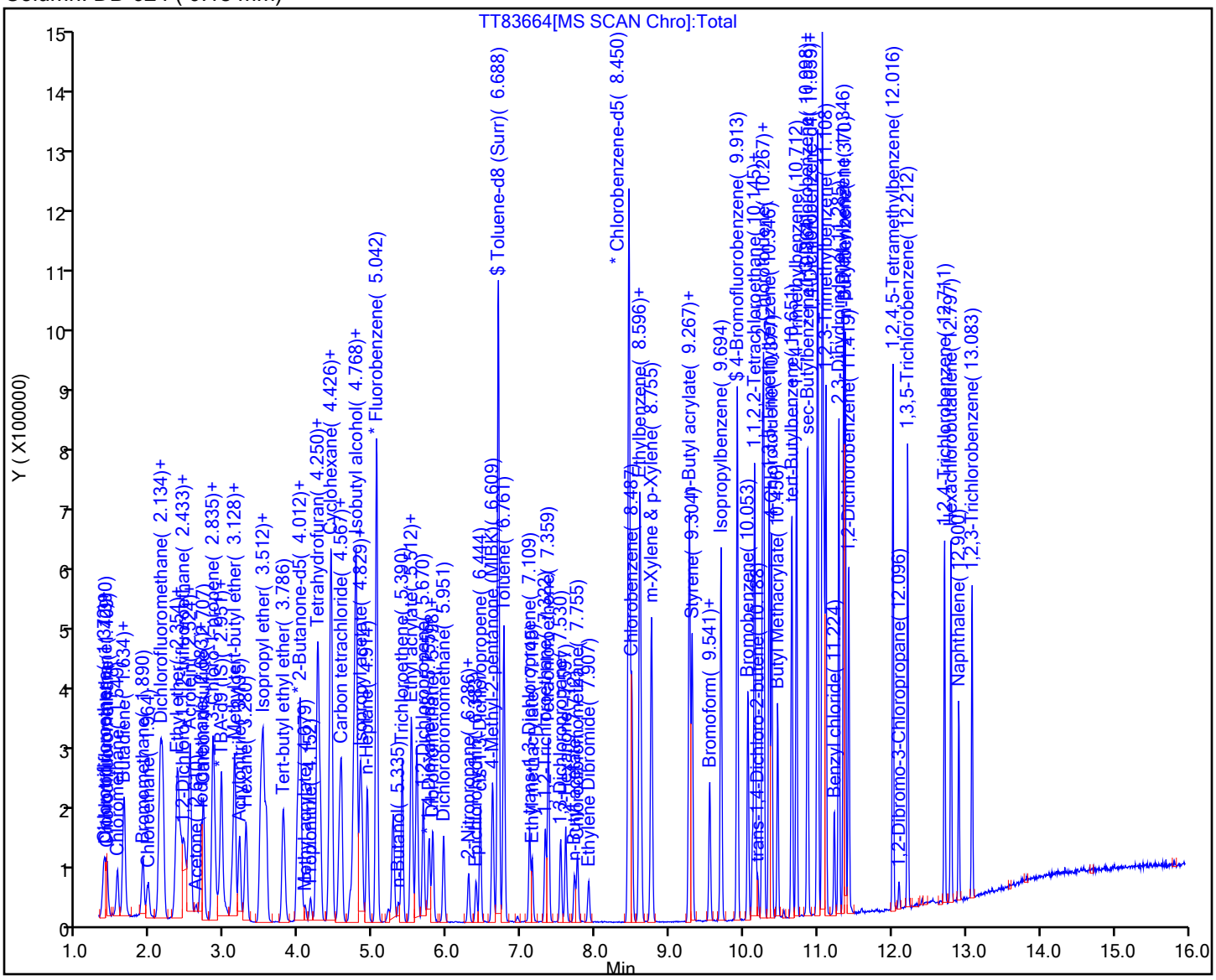
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83664.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 24-Jul-2024 19:29:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0178783-006
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 11:27:49 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: XE5L Date: 25-Jul-2024 11:29:23

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.1	98.25
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	41.2	82.48
$ 83 Toluene-d8 (Surr)	50.0	48.3	96.61
$ 105 4-Bromofluorobenzene	50.0	52.5	104.94

Manual Integration/User Assign Peak Report

Eurofins Edison

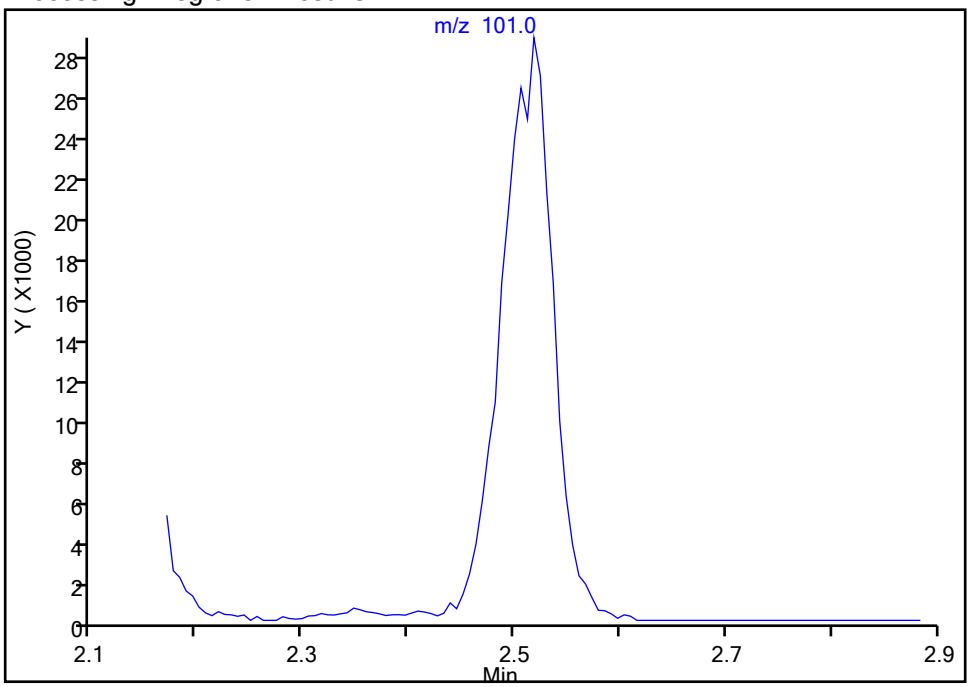
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83664.D
Injection Date: 24-Jul-2024 19:29:30 Instrument ID: CVOAMS17
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

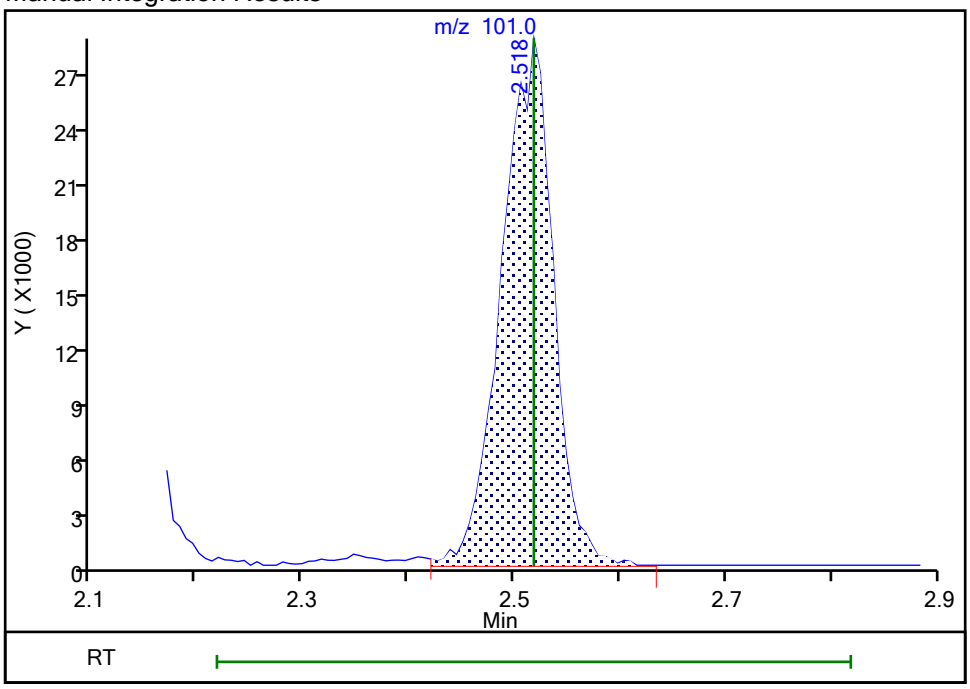
Not Detected
Expected RT: 2.52

Processing Integration Results



Manual Integration Results

RT: 2.52
Area: 97762
Amount: 21.090331
Amount Units: ug/l



Reviewer: C1JX, 24-Jul-2024 19:50:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

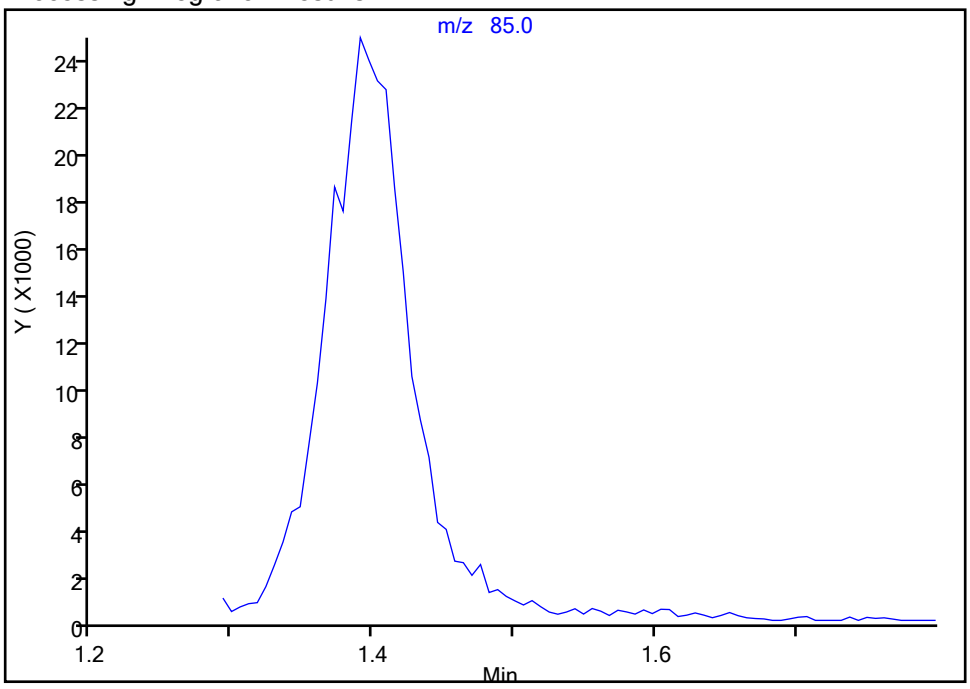
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83664.D
Injection Date: 24-Jul-2024 19:29:30 Instrument ID: CVOAMS17
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

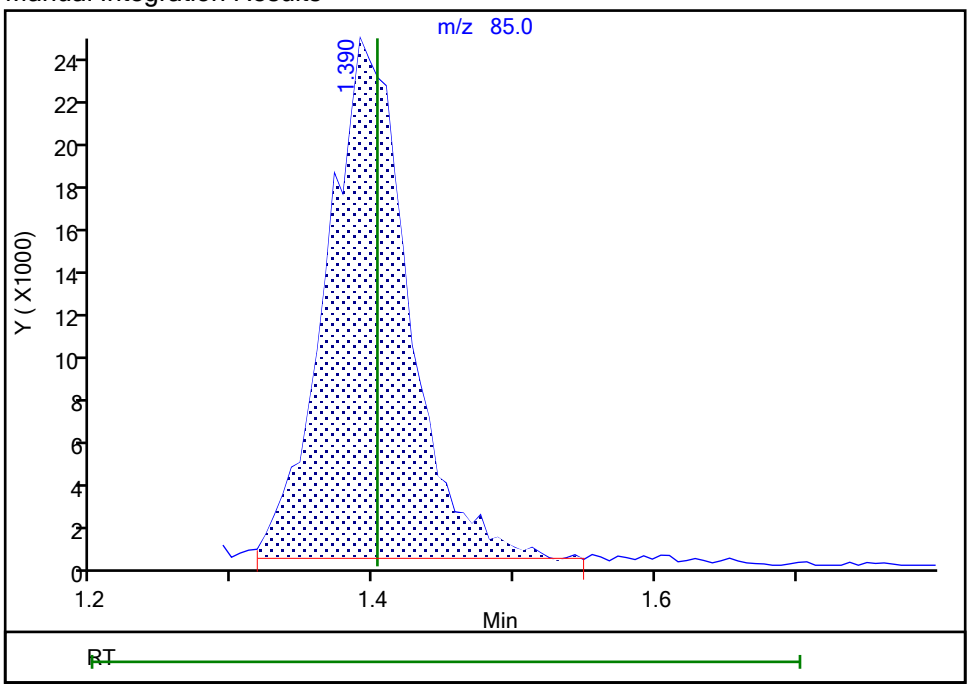
Not Detected
Expected RT: 1.40

Processing Integration Results



Manual Integration Results

RT: 1.39
Area: 100445
Amount: 16.694651
Amount Units: ug/l



Reviewer: C1JX, 24-Jul-2024 19:49:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-8_20240719 MS | Lab Sample ID: 460-308013-1 MS

Matrix: Water | Lab File ID: TT83674.D

Analysis Method: 8260D | Date Collected: 07/19/2024 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 22:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	15.9		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23.2		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.20
75-34-3	1,1-Dichloroethane	20.8		1.0	0.26
75-35-4	1,1-Dichloroethene	18.9		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	19.1		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.9		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	20.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	14.6		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.2		1.0	0.21
107-06-2	1,2-Dichloroethane	17.8		1.0	0.43
78-87-5	1,2-Dichloropropane	19.3		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	19.9		1.0	0.33
541-73-1	1,3-Dichlorobenzene	21.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.9		1.0	0.33
78-93-3	2-Butanone (MEK)	106		5.0	1.9
591-78-6	2-Hexanone	119		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	123		5.0	1.3
67-64-1	Acetone	105		5.0	4.4
71-43-2	Benzene	19.0		1.0	0.20
75-25-2	Bromoform	17.7		1.0	0.54
74-83-9	Bromomethane	22.5		1.0	0.55
75-15-0	Carbon disulfide	9.94		1.0	0.82
56-23-5	Carbon tetrachloride	22.3		1.0	0.21
108-90-7	Chlorobenzene	22.4		1.0	0.38
74-97-5	Chlorobromomethane	19.4		1.0	0.41
124-48-1	Chlorodibromomethane	18.2		1.0	0.28
75-00-3	Chloroethane	23.4		1.0	0.32
67-66-3	Chloroform	21.8		1.0	0.33
74-87-3	Chloromethane	16.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.1		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-8_20240719 MS | Lab Sample ID: 460-308013-1 MS

Matrix: Water | Lab File ID: TT83674.D

Analysis Method: 8260D | Date Collected: 07/19/2024 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 22:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	15.6		1.0	0.22
110-82-7	Cyclohexane	18.1		1.0	0.32
75-27-4	Dichlorobromomethane	18.3		1.0	0.34
75-71-8	Dichlorodifluoromethane	14.7		1.0	0.31
100-41-4	Ethylbenzene	22.2		1.0	0.30
106-93-4	Ethylene Dibromide	17.6		1.0	0.50
98-82-8	Isopropylbenzene	22.6		1.0	0.34
79-20-9	Methyl acetate	26.5		5.0	0.79
1634-04-4	Methyl tert-butyl ether	17.3		1.0	0.22
108-87-2	Methylcyclohexane	17.9		1.0	0.71
75-09-2	Methylene Chloride	18.8		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	21.7		1.0	0.30
104-51-8	n-Butylbenzene	21.0		1.0	0.32
103-65-1	N-Propylbenzene	19.8		1.0	0.32
95-47-6	o-Xylene	20.7		1.0	0.36
135-98-8	sec-Butylbenzene	21.0		1.0	0.37
100-42-5	Styrene	20.0		1.0	0.42
98-06-6	tert-Butylbenzene	20.7		1.0	0.34
127-18-4	Tetrachloroethene	24.0		1.0	0.25
108-88-3	Toluene	20.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	15.2		1.0	0.22
79-01-6	Trichloroethene	19.5		1.0	0.31
75-69-4	Trichlorofluoromethane	22.9		1.0	0.32
75-01-4	Vinyl chloride	18.1		1.0	0.17
1330-20-7	Xylenes, Total	42.4		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-8_20240719 MS | Lab Sample ID: 460-308013-1 MS

Matrix: Water | Lab File ID: TT83674.D

Analysis Method: 8260D | Date Collected: 07/19/2024 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 22:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83674.D
Lims ID: 460-308013-B-1 MS
Client ID: MW-8_20240719
Sample Type: MS
Inject. Date: 24-Jul-2024 22:44:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-1 MS
Misc. Info.: 460-0178783-016
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 07:06:13 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: FK2C Date: 25-Jul-2024 06:43:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	65	1.360	1.372	-0.012	94	37287	20.0	14.0	
3 Chlorotrifluoroethene	116	1.360	1.378	-0.018	56	16179	20.0	8.77	
4 Dichlorodifluoromethane	85	1.397	1.403	-0.007	98	83548	20.0	14.7	
5 Chlorodifluoromethane	67	1.409	1.409	0.000	95	15167	20.0	17.0	
6 Chloromethane	50	1.549	1.549	0.000	98	88538	20.0	16.1	
8 Butadiene	54	1.634	1.640	-0.006	94	89513	20.0	18.7	
7 Vinyl chloride	62	1.640	1.653	-0.013	88	92246	20.0	18.1	
9 Bromomethane	94	1.890	1.890	0.000	99	72820	20.0	22.5	
10 Chloroethane	64	1.957	1.957	0.000	99	66551	20.0	23.4	
11 Dichlorofluoromethane	67	2.122	2.122	0.000	98	209117	20.0	22.5	
12 Trichlorofluoromethane	101	2.134	2.134	0.000	77	141481	20.0	22.9	
13 Pentane	72	2.146	2.159	-0.013	96	17830	40.0	21.0	a
15 Ethyl ether	74	2.335	2.329	0.006	95	35860	20.0	15.2	
14 Ethanol	46	2.329	2.341	-0.012	68	6392	800.0	663.4	M
16 2-Methyl-1,3-butadiene	53	2.360	2.360	0.000	94	62022	20.0	14.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.396	2.396	0.000	89	99509	20.0	22.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.451	2.451	0.000	94	143340	20.0	21.2	
19 Acrolein	56	2.494	2.500	-0.006	91	7655	40.0	15.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.518	2.518	0.000	93	102038	20.0	23.2	a
21 1,1-Dichloroethene	96	2.537	2.537	0.001	98	83172	20.0	18.9	
22 Acetone	43	2.616	2.610	0.006	89	52767	100.0	105.3	
23 Iodomethane	142	2.671	2.677	-0.006	96	158191	20.0	19.4	
25 Isopropyl alcohol	45	2.695	2.683	0.012	33	23424	200.0	225.2	
24 Carbon disulfide	76	2.707	2.707	0.000	99	167959	20.0	9.94	
26 3-Chloro-1-propene	76	2.829	2.835	-0.006	93	48918	20.0	16.3	
27 Methyl acetate	43	2.835	2.841	-0.006	53	47836	40.0	26.5	
28 Cyclopentene	67	2.860	2.854	0.006	92	117471	20.0	11.7	
29 Acetonitrile	41	2.890	2.890	0.000	98	47153	200.0	231.8	a
* 31 TBA-d9 (IS)	66	2.945	2.945	0.000	0	26446	1000.0	1000.0	
30 Methylene Chloride	84	2.951	2.951	0.000	90	92662	20.0	18.8	
32 2-Methyl-2-propanol	59	3.000	3.012	-0.012	98	37008	200.0	220.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.110	3.103	0.007	97	180464	20.0	17.3	
34 trans-1,2-Dichloroethene	96	3.128	3.134	-0.006	94	90729	20.0	18.4	
35 Acrylonitrile	53	3.195	3.195	0.000	95	138694	200.0	145.5	
36 Hexane	57	3.280	3.286	-0.006	94	73936	20.0	11.9	
37 Isopropyl ether	45	3.481	3.488	-0.007	95	272197	20.0	18.3	
38 1,1-Dichloroethane	63	3.512	3.512	0.000	99	172272	20.0	20.8	
39 Vinyl acetate	86	3.524	3.518	0.006	99	16861	40.0	40.8	
40 2-Chloro-1,3-butadiene	88	3.555	3.561	-0.006	89	80196	20.0	19.3	
41 Tert-butyl ethyl ether	59	3.786	3.786	0.000	89	233360	20.0	18.1	
* 42 2-Butanone-d5	46	3.969	3.969	0.000	0	148429	250.0	250.0	
43 2,2-Dichloropropane	97	4.000	3.994	0.006	57	23154	20.0	13.2	a
44 cis-1,2-Dichloroethene	96	4.012	4.012	0.000	99	103345	20.0	20.1	
45 2-Butanone (MEK)	72	4.024	4.024	0.000	96	19761	100.0	105.7	
46 Ethyl acetate	70	4.024	4.030	-0.006	94	7647	40.0	37.0	
47 Methyl acrylate	55	4.079	4.079	0.000	98	30613	20.0	13.9	
48 Propionitrile	54	4.152	4.146	0.006	97	48447	200.0	207.7	
50 Tetrahydrofuran	72	4.231	4.219	0.012	48	7736	40.0	37.1	
49 Chlorobromomethane	128	4.231	4.225	0.006	84	42044	20.0	19.4	
51 Methacrylonitrile	67	4.256	4.256	0.000	90	169668	200.0	166.1	
52 Chloroform	83	4.286	4.286	0.000	99	164730	20.0	21.8	
53 Cyclohexane	84	4.414	4.420	-0.006	90	122932	20.0	18.1	
54 1,1,1-Trichloroethane	97	4.426	4.426	0.000	97	151196	20.0	23.4	
$ 55 Dibromofluoromethane (Surr)	113	4.439	4.439	0.000	98	191249	50.0	50.0	
56 Carbon tetrachloride	117	4.542	4.548	-0.006	98	127567	20.0	22.3	
57 1,1-Dichloropropene	75	4.573	4.573	0.000	97	112076	20.0	18.4	
58 Isobutyl alcohol	43	4.695	4.737	-0.042	94	30405	500.0	411.8	
59 Isooctane	57	4.737	4.737	0.000	99	261470	20.0	16.8	
60 Benzene	78	4.762	4.762	0.000	97	347068	20.0	19.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.774	4.780	-0.006	0	153505	50.0	41.8	
63 Isopropyl acetate	61	4.823	4.823	0.000	79	26774	20.0	15.9	
62 Tert-amyl methyl ether	73	4.829	4.829	0.000	90	202109	20.0	18.4	
64 1,2-Dichloroethane	62	4.847	4.847	0.000	97	78834	20.0	17.8	
65 n-Heptane	100	4.920	4.926	-0.006	90	12982	20.0	11.6	
* 66 Fluorobenzene	96	5.042	5.048	-0.006	99	785312	50.0	50.0	
67 n-Butanol	56	5.335	5.341	-0.006	92	19239	500.0	477.3	
68 Trichloroethene	95	5.390	5.390	0.000	95	88534	20.0	19.5	
70 Ethyl acrylate	99	5.512	5.512	0.000	94	9008	20.0	21.0	
69 Methylcyclohexane	83	5.518	5.518	0.000	87	139920	20.0	17.9	
71 1,2-Dichloropropane	63	5.676	5.670	0.006	94	87861	20.0	19.3	
* 72 1,4-Dioxane-d8	96	5.725	5.725	0.000	0	20771	1000.0	1000.0	
73 Methyl methacrylate	100	5.749	5.755	-0.006	90	21891	40.0	29.8	
75 1,4-Dioxane	88	5.780	5.786	-0.006	55	6332	400.0	269.2	
74 Dibromomethane	93	5.798	5.798	0.000	92	37704	20.0	18.8	
76 n-Propyl acetate	43	5.810	5.810	0.000	98	45744	20.0	13.2	
77 Dichlorobromomethane	83	5.951	5.950	0.000	98	97151	20.0	18.3	
78 2-Nitropropane	41	6.286	6.286	0.000	95	14922	40.0	28.5	
80 Epichlorohydrin	57	6.383	6.383	0.000	99	17985	400.0	129.2	
81 cis-1,3-Dichloropropene	75	6.444	6.438	0.006	91	106629	20.0	15.6	
82 4-Methyl-2-pentanone (MIBK)	58	6.609	6.609	0.000	95	77743	100.0	122.8	
$ 83 Toluene-d8 (Surr)	98	6.688	6.688	0.000	99	747254	50.0	48.9	
84 Toluene	91	6.761	6.761	0.000	93	382487	20.0	20.1	
85 trans-1,3-Dichloropropene	75	7.109	7.109	0.000	96	79551	20.0	15.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	7.145	7.145	0.000	87	63844	20.0	14.6	
87 1,1,2-Trichloroethane	83	7.322	7.322	0.000	94	46348	20.0	18.7	
88 Tetrachloroethene	166	7.365	7.365	0.000	95	110987	20.0	24.0	
89 1,3-Dichloropropane	76	7.529	7.529	0.000	93	85117	20.0	17.3	
90 2-Hexanone	43	7.597	7.597	0.001	96	114224	100.0	119.0	
91 n-Butyl acetate	43	7.712	7.712	0.000	98	55981	20.0	13.4	
92 Chlorodibromomethane	129	7.755	7.755	0.000	97	64286	20.0	18.2	
93 Ethylene Dibromide	107	7.907	7.907	0.000	98	49066	20.0	17.6	
* 94 Chlorobenzene-d5	117	8.450	8.450	0.000	85	572752	50.0	50.0	
95 Chlorobenzene	112	8.487	8.487	0.000	96	253070	20.0	22.4	
96 Ethylbenzene	106	8.596	8.596	0.000	98	142105	20.0	22.2	
97 1,1,1,2-Tetrachloroethane	131	8.609	8.609	0.001	95	93968	20.0	21.0	
98 m-Xylene & p-Xylene	106	8.755	8.755	0.000	0	171068	20.0	21.7	
100 n-Butyl acrylate	73	9.261	9.267	-0.006	94	39418	20.0	15.0	
99 o-Xylene	106	9.267	9.267	0.000	94	168217	20.0	20.7	
101 Styrene	104	9.304	9.303	0.001	97	256333	20.0	20.0	
102 Bromoform	173	9.541	9.541	0.000	65	37916	20.0	17.7	
103 Amyl acetate (mixed isomers)	43	9.541	9.541	0.000	92	82702	20.0	13.0	
104 Isopropylbenzene	105	9.694	9.694	0.000	95	421778	20.0	22.6	
$ 105 4-Bromofluorobenzene	174	9.913	9.913	0.000	98	252726	50.0	53.5	
106 Bromobenzene	156	10.059	10.059	0.000	92	112472	20.0	20.5	
107 1,1,2,2-Tetrachloroethane	83	10.114	10.114	0.000	97	59797	20.0	15.9	
108 N-Propylbenzene	91	10.145	10.145	0.000	100	541128	20.0	19.8	
109 1,2,3-Trichloropropane	110	10.169	10.163	0.006	96	16884	20.0	16.3	
110 trans-1,4-Dichloro-2-butene	53	10.194	10.187	0.007	64	10255	20.0	12.0	a
111 2-Chlorotoluene	91	10.255	10.255	0.000	97	362913	20.0	19.2	
112 4-Ethyltoluene	105	10.273	10.273	0.000	98	455066	20.0	20.1	
113 1,3,5-Trimethylbenzene	105	10.340	10.346	-0.006	93	382850	20.0	19.9	
114 4-Chlorotoluene	91	10.376	10.376	0.000	96	325867	20.0	19.3	
115 Butyl Methacrylate	87	10.462	10.456	0.006	89	101011	20.0	15.2	
116 tert-Butylbenzene	119	10.651	10.651	0.000	95	324950	20.0	20.7	
117 1,2,4-Trimethylbenzene	105	10.712	10.712	0.000	97	404962	20.0	20.3	
118 sec-Butylbenzene	105	10.858	10.864	-0.006	99	518959	20.0	21.0	
119 1,3-Dichlorobenzene	146	10.992	10.992	0.000	98	232316	20.0	21.8	
120 4-Isopropyltoluene	119	10.998	10.998	0.000	98	452938	20.0	21.4	
* 121 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	94	335507	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.084	11.084	0.000	97	226256	20.0	21.9	
123 1,2,3-Trimethylbenzene	105	11.108	11.108	0.000	98	413882	20.0	20.0	
124 Benzyl chloride	91	11.224	11.224	0.000	99	59341	20.0	7.42	
125 2,3-Dihydroindene	117	11.285	11.285	0.000	94	363211	20.0	19.5	
126 p-Diethylbenzene	119	11.346	11.346	0.000	96	281848	20.0	21.1	
127 n-Butylbenzene	92	11.370	11.370	0.000	97	237046	20.0	21.0	
128 1,2-Dichlorobenzene	146	11.419	11.419	0.000	98	208592	20.0	21.2	
129 1,2,4,5-Tetramethylbenzene	119	12.016	12.016	0.000	98	402414	20.0	20.1	
130 1,2-Dibromo-3-Chloropropane	155	12.096	12.096	0.000	92	8789	20.0	14.6	
131 1,3,5-Trichlorobenzene	180	12.211	12.211	0.000	97	205620	20.0	22.4	
132 1,2,4-Trichlorobenzene	180	12.711	12.711	0.000	94	148095	20.0	19.9	
133 Hexachlorobutadiene	225	12.797	12.797	0.000	98	102152	20.0	21.6	
134 Naphthalene	128	12.900	12.906	-0.006	99	175910	20.0	16.3	
135 1,2,3-Trichlorobenzene	180	13.083	13.083	0.000	96	111569	20.0	19.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.4	
S 137 Xylenes, Total	100				0		40.0	42.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 1,3-Dichloropropene, Total	1				0		40.0	30.8	
S 140 Total BTEX	1				0		100.0	103.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00021	Amount Added:	20.00	Units: uL	
ACROLEIN W_00171	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00190	Amount Added:	20.00	Units: uL	
GASES Li_00593	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 25-Jul-2024 09:06:21 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83674.D

Injection Date: 24-Jul-2024 22:44:30 Instrument ID: CVOAMS17

Lims ID: 460-308013-B-1 MS

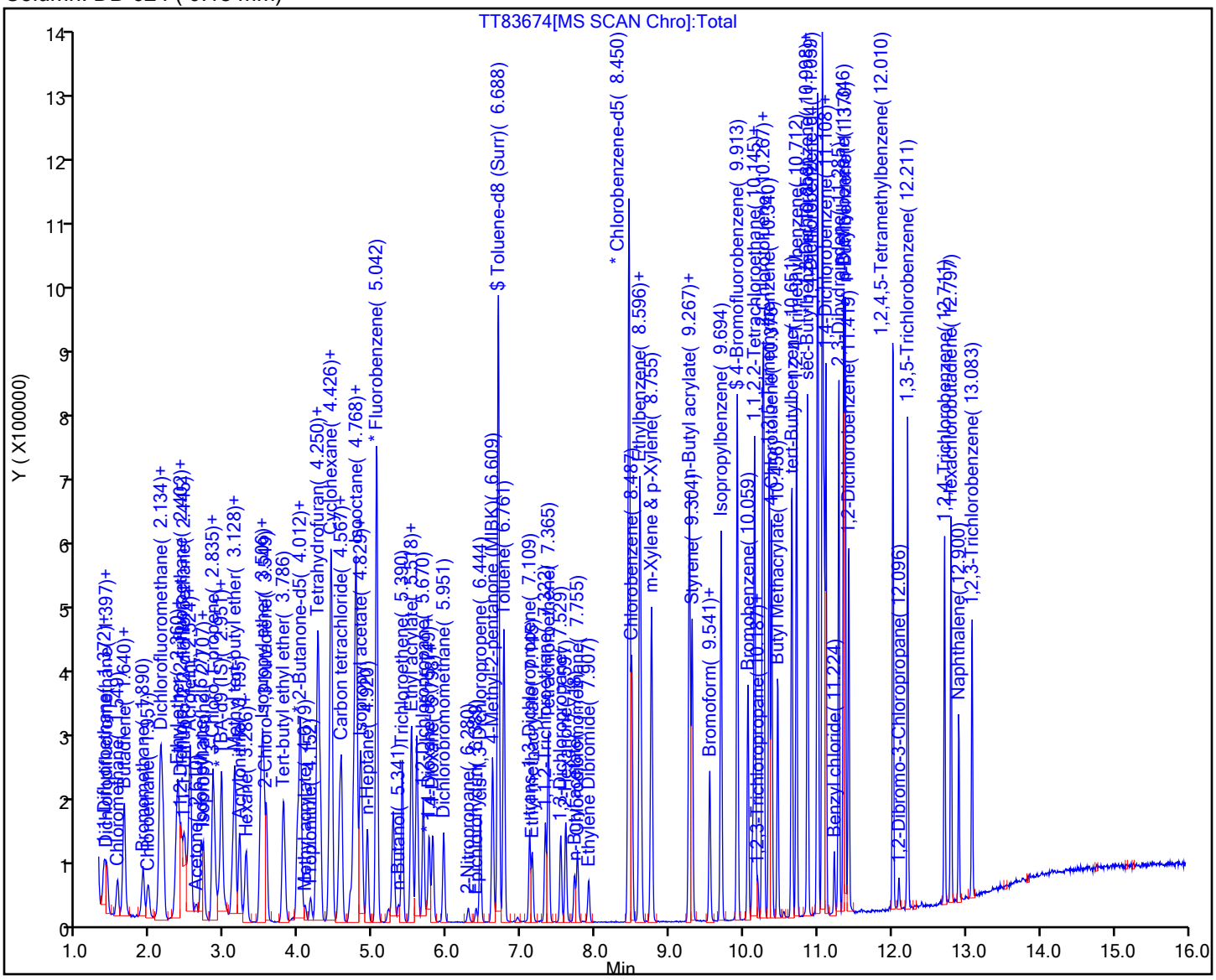
Client ID: MW-8_20240719

Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83674.D
Lims ID: 460-308013-B-1 MS
Client ID: MW-8_20240719
Sample Type: MS
Inject. Date: 24-Jul-2024 22:44:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-1 MS
Misc. Info.: 460-0178783-016
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 07:06:13 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: FK2C Date: 25-Jul-2024 06:43:23

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.0	100.06
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	41.8	83.57
$ 83 Toluene-d8 (Surr)	50.0	48.9	97.75
$ 105 4-Bromofluorobenzene	50.0	53.5	107.10

Manual Integration/User Assign Peak Report

Eurofins Edison

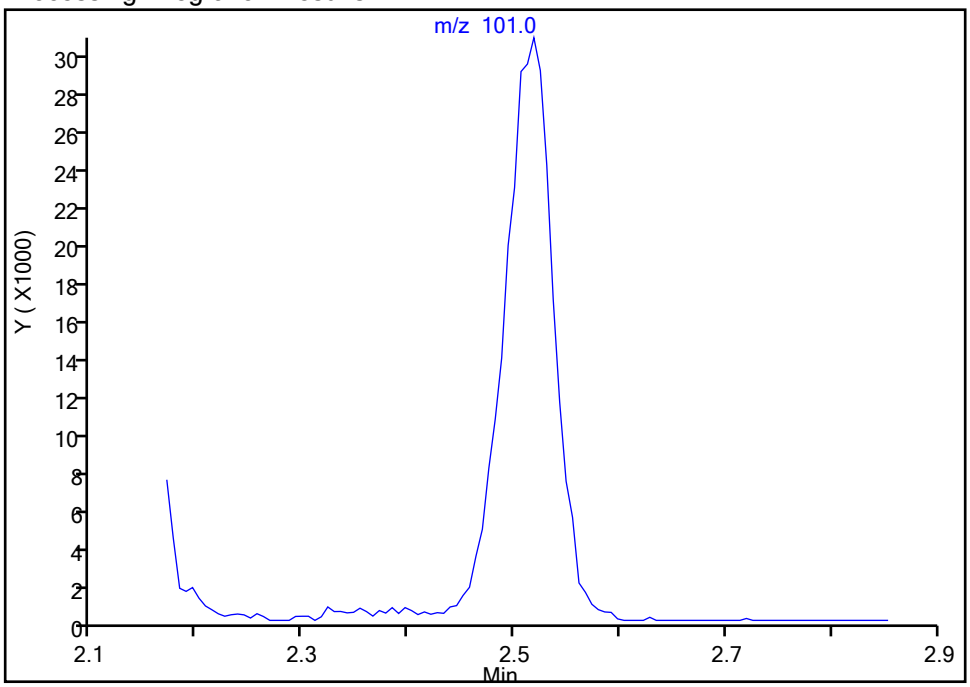
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83674.D
Injection Date: 24-Jul-2024 22:44:30 Instrument ID: CVOAMS17
Lims ID: 460-308013-B-1 MS
Client ID: MW-8_20240719
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

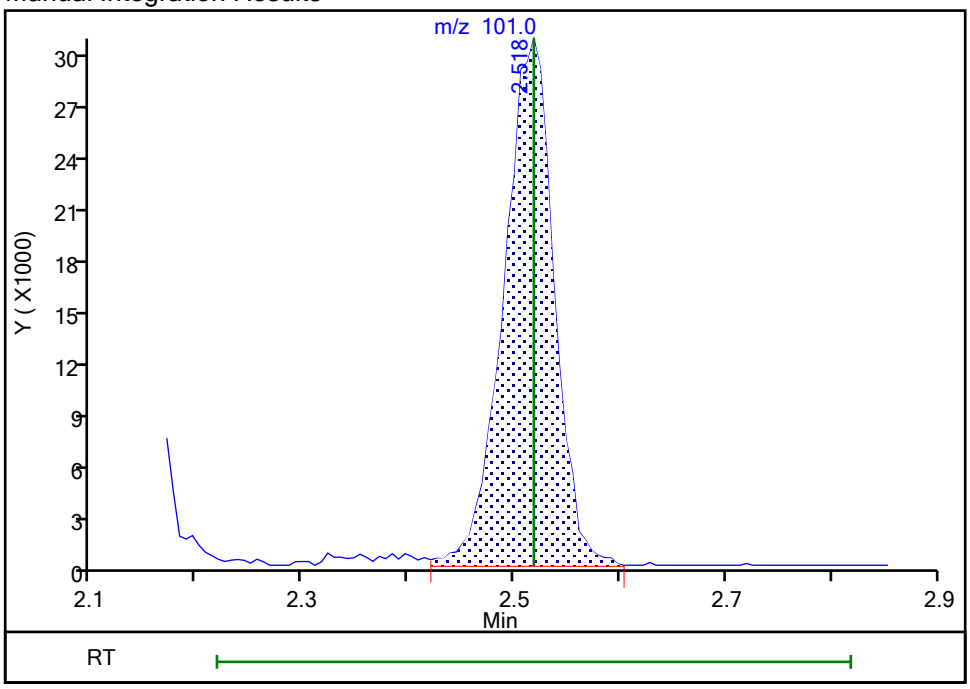
Not Detected
Expected RT: 2.52

Processing Integration Results



Manual Integration Results

RT: 2.52
Area: 102038
Amount: 23.230393
Amount Units: ug/l



Reviewer: FK2C, 25-Jul-2024 06:42:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-8_20240719 MSD | Lab Sample ID: 460-308013-1 MSD

Matrix: Water | Lab File ID: TT83675.D

Analysis Method: 8260D | Date Collected: 07/19/2024 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 23:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.4		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23.8		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.20
75-34-3	1,1-Dichloroethane	20.6		1.0	0.26
75-35-4	1,1-Dichloroethene	18.9		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	22.1		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	21.2		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	20.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	14.8		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.1		1.0	0.21
107-06-2	1,2-Dichloroethane	17.9		1.0	0.43
78-87-5	1,2-Dichloropropane	19.3		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	20.2		1.0	0.33
541-73-1	1,3-Dichlorobenzene	22.3		1.0	0.34
106-46-7	1,4-Dichlorobenzene	22.1		1.0	0.33
78-93-3	2-Butanone (MEK)	109		5.0	1.9
591-78-6	2-Hexanone	120		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	126		5.0	1.3
67-64-1	Acetone	93.8		5.0	4.4
71-43-2	Benzene	19.3		1.0	0.20
75-25-2	Bromoform	18.2		1.0	0.54
74-83-9	Bromomethane	23.2		1.0	0.55
75-15-0	Carbon disulfide	10.1		1.0	0.82
56-23-5	Carbon tetrachloride	22.7		1.0	0.21
108-90-7	Chlorobenzene	22.6		1.0	0.38
74-97-5	Chlorobromomethane	19.2		1.0	0.41
124-48-1	Chlorodibromomethane	18.8		1.0	0.28
75-00-3	Chloroethane	22.8		1.0	0.32
67-66-3	Chloroform	22.2		1.0	0.33
74-87-3	Chloromethane	17.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.0		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-8_20240719 MSD | Lab Sample ID: 460-308013-1 MSD

Matrix: Water | Lab File ID: TT83675.D

Analysis Method: 8260D | Date Collected: 07/19/2024 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 23:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	15.7		1.0	0.22
110-82-7	Cyclohexane	18.1		1.0	0.32
75-27-4	Dichlorobromomethane	19.5		1.0	0.34
75-71-8	Dichlorodifluoromethane	15.5		1.0	0.31
100-41-4	Ethylbenzene	22.3		1.0	0.30
106-93-4	Ethylene Dibromide	17.6		1.0	0.50
98-82-8	Isopropylbenzene	22.8		1.0	0.34
79-20-9	Methyl acetate	26.5		5.0	0.79
1634-04-4	Methyl tert-butyl ether	17.7		1.0	0.22
108-87-2	Methylcyclohexane	18.3		1.0	0.71
75-09-2	Methylene Chloride	18.9		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	21.9		1.0	0.30
104-51-8	n-Butylbenzene	21.2		1.0	0.32
103-65-1	N-Propylbenzene	20.1		1.0	0.32
95-47-6	o-Xylene	21.3		1.0	0.36
135-98-8	sec-Butylbenzene	21.1		1.0	0.37
100-42-5	Styrene	19.9		1.0	0.42
98-06-6	tert-Butylbenzene	21.0		1.0	0.34
127-18-4	Tetrachloroethene	23.7		1.0	0.25
108-88-3	Toluene	20.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	15.7		1.0	0.22
79-01-6	Trichloroethene	20.0		1.0	0.31
75-69-4	Trichlorofluoromethane	23.1		1.0	0.32
75-01-4	Vinyl chloride	18.7		1.0	0.17
1330-20-7	Xylenes, Total	43.3		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-308013-1

SDG No.:

Client Sample ID: MW-8_20240719 MSD | Lab Sample ID: 460-308013-1 MSD

Matrix: Water | Lab File ID: TT83675.D

Analysis Method: 8260D | Date Collected: 07/19/2024 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2024 23:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 986925 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83675.D
Lims ID: 460-308013-B-1 MSD
Client ID: MW-8_20240719
Sample Type: MSD
Inject. Date: 24-Jul-2024 23:04:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-1 MSD
Misc. Info.: 460-0178783-017
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 07:06:13 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: FK2C Date: 25-Jul-2024 06:45:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	65	1.360	1.372	-0.012	95	41919	20.0	15.0	
3 Chlorotrifluoroethene	116	1.366	1.378	-0.012	54	17625	20.0	9.05	
4 Dichlorodifluoromethane	85	1.396	1.403	-0.007	74	93516	20.0	15.5	
5 Chlorodifluoromethane	67	1.403	1.409	-0.006	95	16896	20.0	17.9	
6 Chloromethane	50	1.549	1.549	0.000	100	99289	20.0	17.1	
8 Butadiene	54	1.640	1.640	0.000	95	95882	20.0	19.0	
7 Vinyl chloride	62	1.640	1.653	-0.013	74	100980	20.0	18.7	
9 Bromomethane	94	1.890	1.890	0.000	99	79354	20.0	23.2	
10 Chloroethane	64	1.963	1.957	0.006	99	68475	20.0	22.8	
11 Dichlorofluoromethane	67	2.116	2.122	-0.006	98	216070	20.0	22.0	
12 Trichlorofluoromethane	101	2.134	2.134	0.000	75	150461	20.0	23.1	
13 Pentane	72	2.158	2.159	-0.001	96	19878	40.0	22.2	
15 Ethyl ether	74	2.329	2.329	0.000	92	39950	20.0	16.1	
14 Ethanol	46	2.317	2.341	-0.024	87	11093	800.0	1037.0	
16 2-Methyl-1,3-butadiene	53	2.354	2.360	-0.006	96	67946	20.0	15.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.390	2.396	-0.006	83	112667	20.0	24.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.445	2.451	-0.006	93	160528	20.0	22.5	
19 Acrolein	56	2.500	2.500	0.000	26	9529	40.0	17.7	a
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.512	2.518	-0.006	93	110500	20.0	23.8	a
21 1,1-Dichloroethene	96	2.524	2.537	-0.012	99	88021	20.0	18.9	
22 Acetone	43	2.610	2.610	0.000	87	50373	100.0	93.8	
23 Iodomethane	142	2.671	2.677	-0.006	97	166992	20.0	19.4	
25 Isopropyl alcohol	45	2.701	2.683	0.018	31	31529	200.0	273.0	
24 Carbon disulfide	76	2.707	2.707	0.000	99	181056	20.0	10.1	
26 3-Chloro-1-propene	76	2.823	2.835	-0.012	94	50075	20.0	15.8	
27 Methyl acetate	43	2.835	2.841	-0.006	51	50494	40.0	26.5	
28 Cyclopentene	67	2.853	2.854	-0.001	92	125750	20.0	11.9	
29 Acetonitrile	41	2.890	2.890	0.000	97	54494	200.0	250.0	
* 31 TBA-d9 (IS)	66	2.933	2.945	-0.012	0	29358	1000.0	1000.0	a
30 Methylene Chloride	84	2.951	2.951	0.000	92	98125	20.0	18.9	
32 2-Methyl-2-propanol	59	3.000	3.012	-0.012	95	47006	200.0	252.0	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.110	3.103	0.007	98	194462	20.0	17.7	
34 trans-1,2-Dichloroethene	96	3.128	3.134	-0.006	94	94324	20.0	18.1	
35 Acrylonitrile	53	3.195	3.195	0.000	97	153673	200.0	152.8	
36 Hexane	57	3.286	3.286	0.000	91	82717	20.0	12.6	
37 Isopropyl ether	45	3.481	3.488	-0.007	96	290983	20.0	18.5	
38 1,1-Dichloroethane	63	3.512	3.512	0.000	99	179884	20.0	20.6	
39 Vinyl acetate	86	3.518	3.518	0.000	93	18357	40.0	41.4	M
40 2-Chloro-1,3-butadiene	88	3.555	3.561	-0.006	89	81983	20.0	18.7	
41 Tert-butyl ethyl ether	59	3.786	3.786	0.000	90	251176	20.0	18.4	
* 42 2-Butanone-d5	46	3.969	3.969	0.000	0	159031	250.0	250.0	
43 2,2-Dichloropropane	97	4.000	3.994	0.006	60	25919	20.0	14.1	a
44 cis-1,2-Dichloroethene	96	4.012	4.012	0.000	99	108642	20.0	20.0	
45 2-Butanone (MEK)	72	4.024	4.024	0.000	96	21938	100.0	109.5	
46 Ethyl acetate	70	4.036	4.030	0.006	93	7645	40.0	34.5	
47 Methyl acrylate	55	4.079	4.079	0.000	99	34910	20.0	15.0	
48 Propionitrile	54	4.146	4.146	0.000	98	52596	200.0	203.1	
50 Tetrahydrofuran	72	4.237	4.219	0.018	47	9287	40.0	41.6	
49 Chlorobromomethane	128	4.231	4.225	0.006	89	43971	20.0	19.2	
51 Methacrylonitrile	67	4.250	4.256	-0.006	91	178553	200.0	165.7	
52 Chloroform	83	4.286	4.286	0.000	99	176810	20.0	22.2	
53 Cyclohexane	84	4.414	4.420	-0.006	90	129398	20.0	18.1	
54 1,1,1-Trichloroethane	97	4.432	4.426	0.006	96	157978	20.0	23.1	
$ 55 Dibromofluoromethane (Surr)	113	4.432	4.439	-0.007	99	199158	50.0	49.4	
56 Carbon tetrachloride	117	4.542	4.548	-0.006	97	136982	20.0	22.7	
57 1,1-Dichloropropene	75	4.567	4.573	-0.006	98	122349	20.0	19.0	
58 Isobutyl alcohol	43	4.695	4.737	-0.042	94	41348	500.0	504.4	
59 Isooctane	57	4.731	4.737	-0.006	99	289601	20.0	17.6	
60 Benzene	78	4.762	4.762	0.000	96	375329	20.0	19.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.774	4.780	-0.006	0	165115	50.0	42.6	
63 Isopropyl acetate	61	4.829	4.823	0.006	74	28538	20.0	16.1	
62 Tert-amyl methyl ether	73	4.823	4.829	-0.006	91	217565	20.0	18.7	
64 1,2-Dichloroethane	62	4.847	4.847	0.000	97	83867	20.0	17.9	
65 n-Heptane	100	4.920	4.926	-0.006	92	15878	20.0	13.5	
* 66 Fluorobenzene	96	5.042	5.048	-0.006	99	828853	50.0	50.0	
67 n-Butanol	56	5.341	5.341	0.000	87	29048	500.0	648.7	
68 Trichloroethene	95	5.390	5.390	0.000	95	95747	20.0	20.0	
70 Ethyl acrylate	99	5.511	5.512	-0.001	93	9380	20.0	20.7	
69 Methylcyclohexane	83	5.518	5.518	0.000	89	151145	20.0	18.3	
71 1,2-Dichloropropane	63	5.676	5.670	0.006	93	92587	20.0	19.3	
* 72 1,4-Dioxane-d8	96	5.731	5.725	0.006	0	20910	1000.0	1000.0	
73 Methyl methacrylate	100	5.755	5.755	0.000	92	23118	40.0	29.9	
75 1,4-Dioxane	88	5.780	5.786	-0.006	85	7918	400.0	334.4	
74 Dibromomethane	93	5.798	5.798	0.000	92	38741	20.0	18.3	
76 n-Propyl acetate	43	5.816	5.810	0.006	99	52064	20.0	14.2	
77 Dichlorobromomethane	83	5.950	5.950	0.000	99	109257	20.0	19.5	
78 2-Nitropropane	41	6.286	6.286	0.000	98	15825	40.0	28.6	
80 Epichlorohydrin	57	6.383	6.383	0.000	97	19481	400.0	130.6	
81 cis-1,3-Dichloropropene	75	6.444	6.438	0.006	91	113748	20.0	15.7	
82 4-Methyl-2-pentanone (MIBK)	58	6.609	6.609	0.000	96	85437	100.0	126.0	
$ 83 Toluene-d8 (Surr)	98	6.688	6.688	0.000	99	789435	50.0	48.6	
84 Toluene	91	6.761	6.761	0.000	93	406452	20.0	20.1	
85 trans-1,3-Dichloropropene	75	7.109	7.109	0.000	96	87425	20.0	15.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	7.145	7.145	0.000	90	65583	20.0	14.2	
87 1,1,2-Trichloroethane	83	7.322	7.322	0.000	95	51677	20.0	19.7	
88 Tetrachloroethene	166	7.365	7.365	0.000	96	116187	20.0	23.7	
89 1,3-Dichloropropane	76	7.529	7.529	0.000	92	93015	20.0	17.8	
90 2-Hexanone	43	7.596	7.597	0.000	96	123638	100.0	120.2	
91 n-Butyl acetate	43	7.712	7.712	0.000	98	63713	20.0	14.4	
92 Chlorodibromomethane	129	7.755	7.755	0.000	98	70450	20.0	18.8	
93 Ethylene Dibromide	107	7.907	7.907	0.000	100	52188	20.0	17.6	
* 94 Chlorobenzene-d5	117	8.450	8.450	0.000	85	608259	50.0	50.0	
95 Chlorobenzene	112	8.487	8.487	0.000	96	271480	20.0	22.6	
96 Ethylbenzene	106	8.596	8.596	0.000	98	151950	20.0	22.3	
97 1,1,1,2-Tetrachloroethane	131	8.608	8.609	0.000	97	99905	20.0	21.0	
98 m-Xylene & p-Xylene	106	8.755	8.755	0.000	0	183782	20.0	21.9	
100 n-Butyl acrylate	73	9.267	9.267	0.000	94	42600	20.0	15.3	
99 o-Xylene	106	9.267	9.267	0.000	95	184418	20.0	21.3	
101 Styrene	104	9.303	9.303	0.000	96	271772	20.0	19.9	
102 Bromoform	173	9.541	9.541	0.000	64	41501	20.0	18.2	
103 Amyl acetate (mixed isomers)	43	9.541	9.541	0.000	93	88634	20.0	13.2	
104 Isopropylbenzene	105	9.694	9.694	0.000	95	453644	20.0	22.8	
$ 105 4-Bromofluorobenzene	174	9.913	9.913	0.000	97	269320	50.0	53.7	
106 Bromobenzene	156	10.059	10.059	0.000	93	118883	20.0	20.6	
107 1,1,2,2-Tetrachloroethane	83	10.114	10.114	0.000	98	65049	20.0	16.4	
108 N-Propylbenzene	91	10.145	10.145	0.000	100	576117	20.0	20.1	
109 1,2,3-Trichloropropane	110	10.169	10.163	0.006	95	17540	20.0	16.0	
110 trans-1,4-Dichloro-2-butene	53	10.194	10.187	0.007	63	10681	20.0	11.9	a
111 2-Chlorotoluene	91	10.254	10.255	-0.001	97	386824	20.0	19.5	
112 4-Ethyltoluene	105	10.273	10.273	0.000	98	484248	20.0	20.3	
113 1,3,5-Trimethylbenzene	105	10.340	10.346	-0.006	94	408852	20.0	20.2	
114 4-Chlorotoluene	91	10.376	10.376	0.000	96	352228	20.0	19.8	
115 Butyl Methacrylate	87	10.462	10.456	0.006	89	109642	20.0	15.6	
116 tert-Butylbenzene	119	10.651	10.651	0.000	95	347770	20.0	21.0	
117 1,2,4-Trimethylbenzene	105	10.712	10.712	0.000	97	425567	20.0	20.3	
118 sec-Butylbenzene	105	10.864	10.864	0.000	99	549469	20.0	21.1	
119 1,3-Dichlorobenzene	146	10.992	10.992	0.000	97	250437	20.0	22.3	
120 4-Isopropyltoluene	119	11.004	10.998	0.006	98	482407	20.0	21.6	
* 121 1,4-Dichlorobenzene-d4	152	11.059	11.059	0.000	94	353316	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.084	11.084	0.000	96	239983	20.0	22.1	
123 1,2,3-Trimethylbenzene	105	11.108	11.108	0.000	98	441048	20.0	20.2	
124 Benzyl chloride	91	11.224	11.224	0.000	99	61726	20.0	7.33	
125 2,3-Dihydroindene	117	11.285	11.285	0.000	94	393761	20.0	20.1	
126 p-Diethylbenzene	119	11.346	11.346	0.000	96	302213	20.0	21.5	
127 n-Butylbenzene	92	11.370	11.370	0.000	97	251460	20.0	21.2	
128 1,2-Dichlorobenzene	146	11.419	11.419	0.000	97	218215	20.0	21.1	
129 1,2,4,5-Tetramethylbenzene	119	12.016	12.016	0.000	98	430988	20.0	20.5	
130 1,2-Dibromo-3-Chloropropane	155	12.096	12.096	0.000	93	9370	20.0	14.8	
131 1,3,5-Trichlorobenzene	180	12.211	12.211	0.000	97	217304	20.0	22.5	
132 1,2,4-Trichlorobenzene	180	12.711	12.711	0.000	94	166130	20.0	21.2	
133 Hexachlorobutadiene	225	12.797	12.797	0.000	98	112079	20.0	22.5	
134 Naphthalene	128	12.900	12.906	-0.006	99	217904	20.0	19.1	
135 1,2,3-Trichlorobenzene	180	13.083	13.083	0.000	96	135757	20.0	22.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.1	
S 137 Xylenes, Total	100				0		40.0	43.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 1,3-Dichloropropene, Total	1				0		40.0	31.4	
S 140 Total BTEX	1				0		100.0	105.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

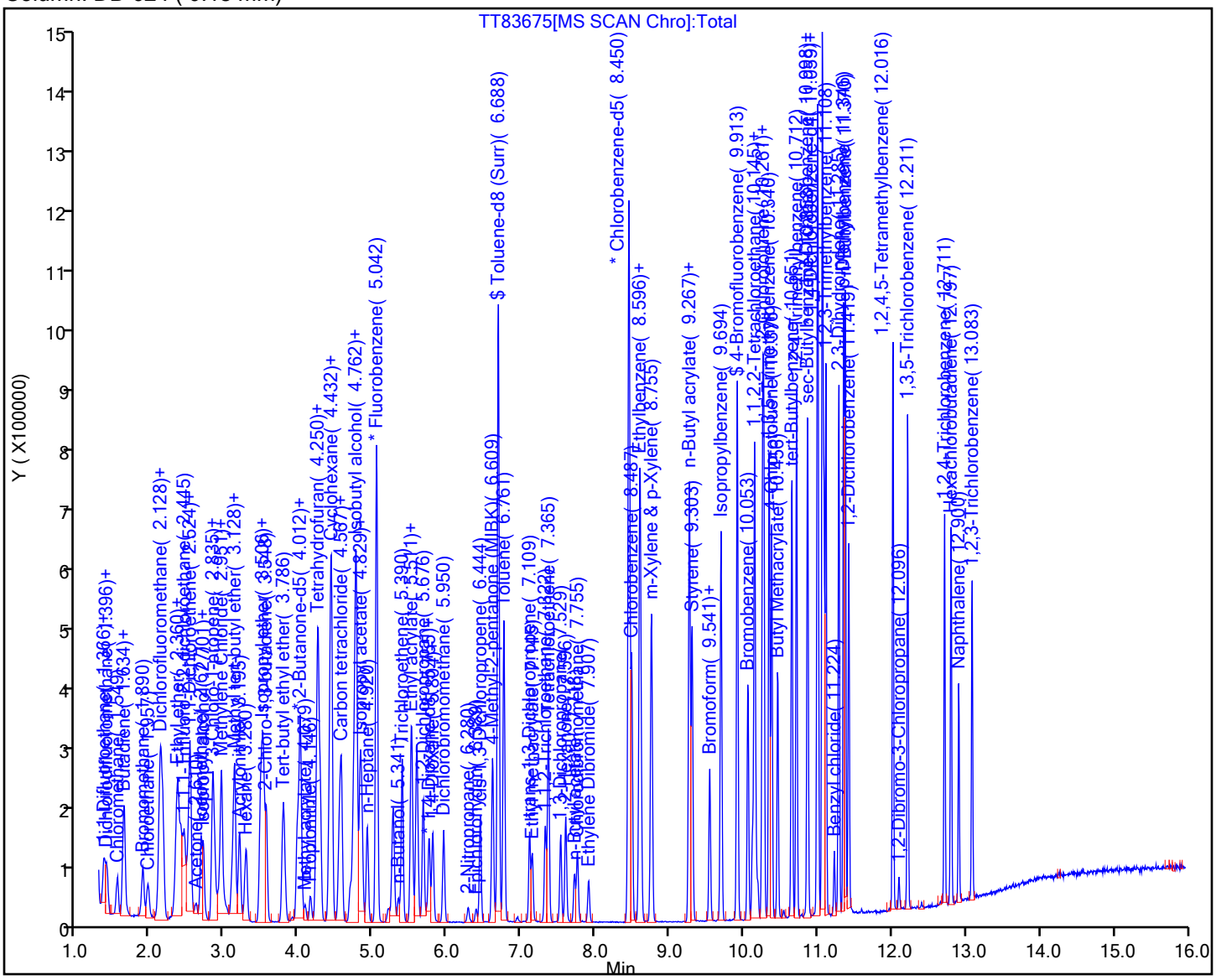
Reagents:

524FREONS_00021	Amount Added:	20.00	Units: uL	
ACROLEIN W_00171	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00190	Amount Added:	20.00	Units: uL	
GASES Li_00593	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 25-Jul-2024 09:06:29 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83675.D
Injection Date: 24-Jul-2024 23:04:30 Instrument ID: CVOAMS17
Lims ID: 460-308013-B-1 MSD
Client ID: MW-8_20240719
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83675.D
Lims ID: 460-308013-B-1 MSD
Client ID: MW-8_20240719
Sample Type: MSD
Inject. Date: 24-Jul-2024 23:04:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-308013-B-1 MSD
Misc. Info.: 460-0178783-017
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2024 07:06:13 Calib Date: 09-May-2024 10:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240509-175641.b\TT80106.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1619

First Level Reviewer: FK2C Date: 25-Jul-2024 06:45:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.4	98.72
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.6	85.16
$ 83 Toluene-d8 (Surr)	50.0	48.6	97.24
$ 105 4-Bromofluorobenzene	50.0	53.7	107.47

Manual Integration/User Assign Peak Report

Eurofins Edison

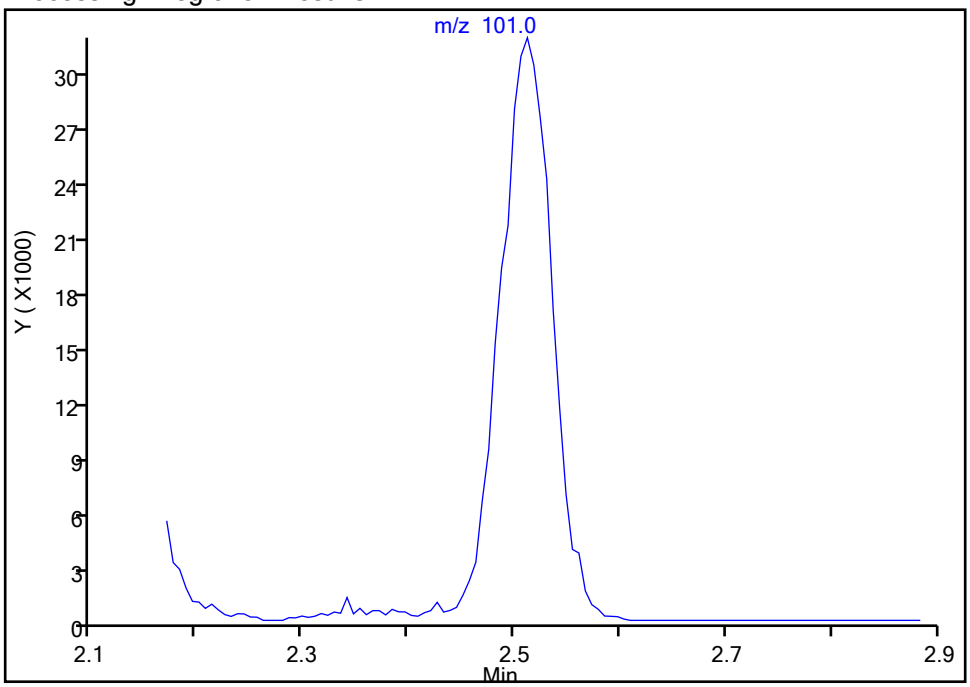
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83675.D
Injection Date: 24-Jul-2024 23:04:30 Instrument ID: CVOAMS17
Lims ID: 460-308013-B-1 MSD
Client ID: MW-8_20240719
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

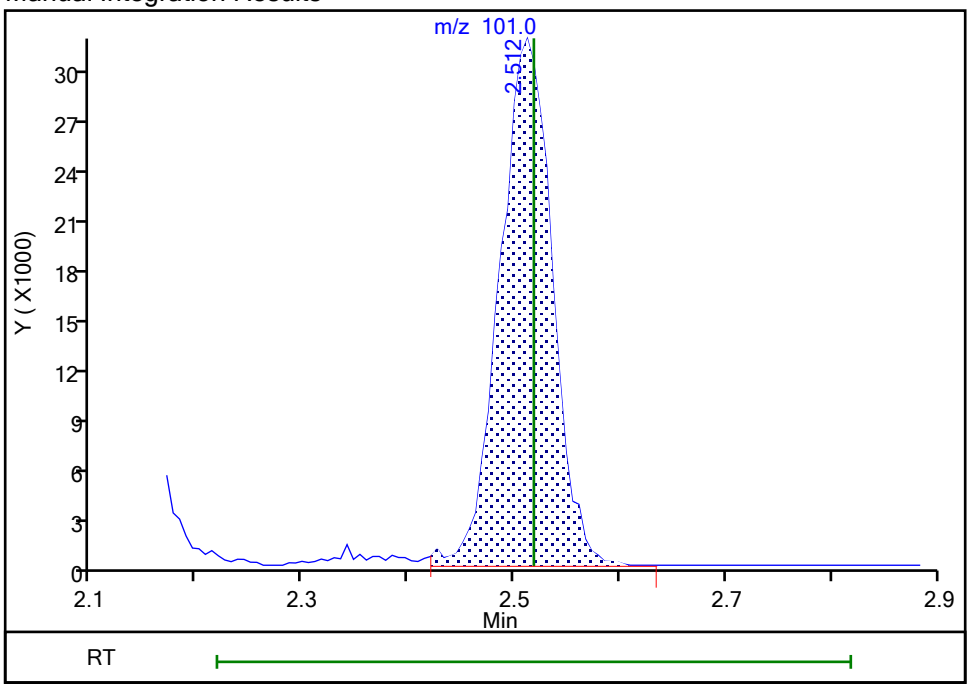
Not Detected
Expected RT: 2.52

Processing Integration Results



Manual Integration Results

RT: 2.51
Area: 110500
Amount: 23.835354
Amount Units: ug/l



Reviewer: FK2C, 25-Jul-2024 06:43:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

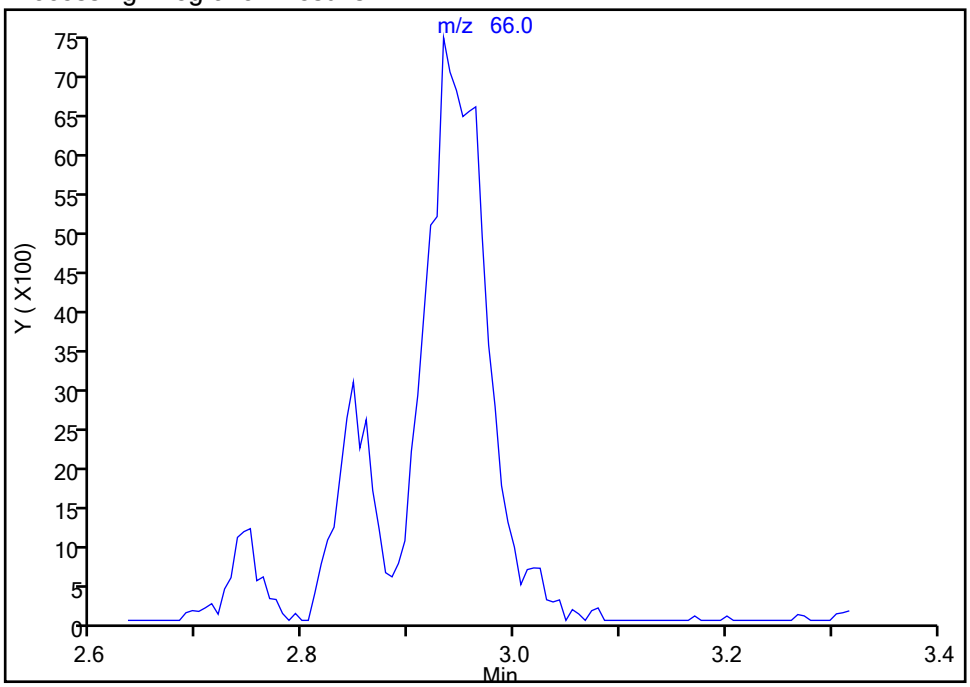
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240724-178783.b\TT83675.D
Injection Date: 24-Jul-2024 23:04:30 Instrument ID: CVOAMS17
Lims ID: 460-308013-B-1 MSD
Client ID: MW-8_20240719
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

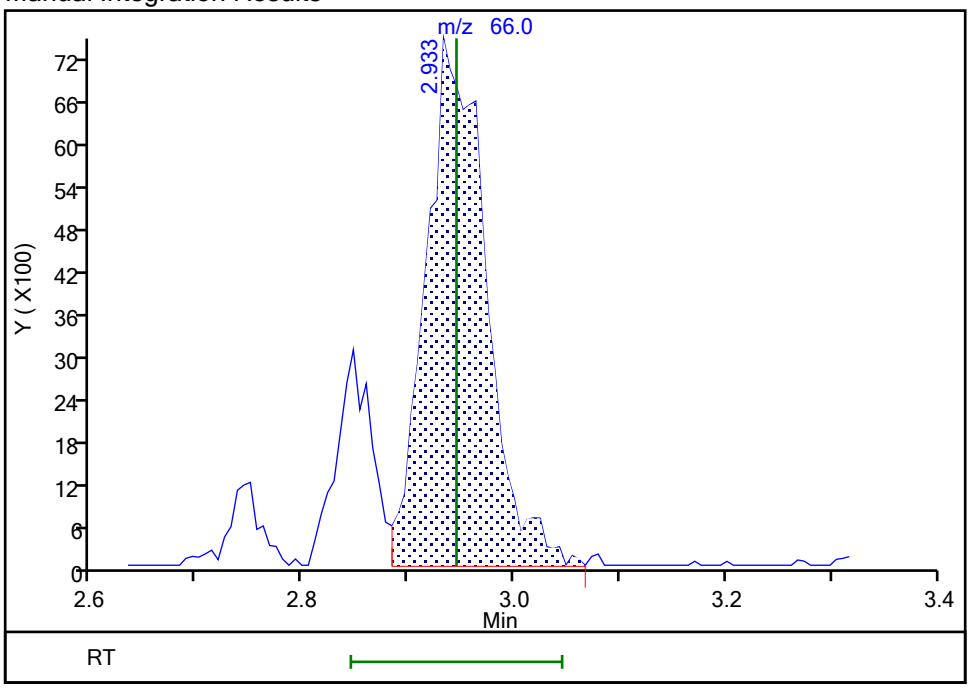
Not Detected
Expected RT: 2.94

Processing Integration Results



Manual Integration Results

RT: 2.93
Area: 29358
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 25-Jul-2024 06:44:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 05/09/2024 07:47

Analysis Batch Number: 973787 End Date: 05/09/2024 20:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-973787/1		05/09/2024 07:47	1	TT80097.D	DB-624 0.18(mm)
STD8 460-973787/3 IC		05/09/2024 08:29	1	TT80099.D	DB-624 0.18(mm)
STD05 460-973787/4 IC		05/09/2024 08:49	1	TT80100.D	DB-624 0.18(mm)
STD1 460-973787/5 IC		05/09/2024 09:08	1	TT80101.D	DB-624 0.18(mm)
STD5 460-973787/6 IC		05/09/2024 09:28	1	TT80102.D	DB-624 0.18(mm)
STD20 460-973787/7 ICIS		05/09/2024 09:47	1	TT80103.D	DB-624 0.18(mm)
STD50 460-973787/8 IC		05/09/2024 10:07	1	TT80104.D	DB-624 0.18(mm)
STD200 460-973787/9 IC		05/09/2024 10:26	1	TT80105.D	DB-624 0.18(mm)
STD500 460-973787/10 IC		05/09/2024 10:46	1	TT80106.D	DB-624 0.18(mm)
ICV 460-973787/16		05/09/2024 13:03	1	TT80112.D	DB-624 0.18(mm)
ZZZZZ		05/09/2024 13:24	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 13:43	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 14:25	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 14:44	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 15:04	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 15:23	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 16:03	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 16:22	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 17:01	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 17:21	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 17:41	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 18:00	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 18:20	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 18:39	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 18:59	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 19:38	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 20:17	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 20:36	1		DB-624 0.18(mm)
ZZZZZ		05/09/2024 20:56	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 07/24/2024 18:30

Analysis Batch Number: 986925 End Date: 07/25/2024 04:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-986925/3		07/24/2024 18:30	1	TT83661.D	DB-624 0.18(mm)
LCS 460-986925/5		07/24/2024 19:09	1	TT83663.D	DB-624 0.18(mm)
LCSD 460-986925/6		07/24/2024 19:29	1	TT83664.D	DB-624 0.18(mm)
MB 460-986925/9		07/24/2024 20:27	1	TT83667.D	DB-624 0.18(mm)
460-308013-5	FB-01_20240719	07/24/2024 20:47	1	TT83668.D	DB-624 0.18(mm)
460-308013-6	TB-01_20240719	07/24/2024 21:06	1	TT83669.D	DB-624 0.18(mm)
460-308013-1	MW-8_20240719	07/24/2024 21:26	1	TT83670.D	DB-624 0.18(mm)
460-308013-2	MW-7_20240719	07/24/2024 21:46	1	TT83671.D	DB-624 0.18(mm)
460-308013-3	MW-6_20240719	07/24/2024 22:05	1	TT83672.D	DB-624 0.18(mm)
460-308013-4	DUP-01_20240719	07/24/2024 22:25	1	TT83673.D	DB-624 0.18(mm)
460-308013-1 MS	MW-8_20240719 MS	07/24/2024 22:44	1	TT83674.D	DB-624 0.18(mm)
460-308013-1 MSD	MW-8_20240719 MSD	07/24/2024 23:04	1	TT83675.D	DB-624 0.18(mm)
ZZZZZ		07/25/2024 00:03	1		DB-624 0.18(mm)
ZZZZZ		07/25/2024 00:22	1		DB-624 0.18(mm)
ZZZZZ		07/25/2024 00:42	1		DB-624 0.18(mm)
ZZZZZ		07/25/2024 02:42	1		DB-624 0.18(mm)
ZZZZZ		07/25/2024 03:01	1		DB-624 0.18(mm)
ZZZZZ		07/25/2024 03:21	1		DB-624 0.18(mm)
ZZZZZ		07/25/2024 03:41	1		DB-624 0.18(mm)
ZZZZZ		07/25/2024 04:01	1		DB-624 0.18(mm)
ZZZZZ		07/25/2024 04:20	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Batch Number: 973787 Batch Start Date: 05/09/24 07:47 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00168	524FREONS 00018	7 Freons Hi 00002	7 Freons SS 00013
BFB 460-973787/1		8260D			5 mL	5 mL				
STD8 460-973787/3 IC		8260D			5 mL	5 mL				
STD05 460-973787/4 IC		8260D			5 mL	5 mL	15 uL	5 uL		
STD1 460-973787/5 IC		8260D			5 mL	5 mL	30 uL	10 uL		
STD5 460-973787/6 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-973787/7 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-973787/8 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-973787/9 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-973787/10 IC		8260D			5 mL	5 mL			50 uL	
ICV 460-973787/16		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00179	8260MIX1COMB 00187	ACROLEIN SP 00164	ACROLEIN W 00169	ACRY/EPIH MIX 00124	BFB 00035
BFB 460-973787/1		8260D								1 uL
STD8 460-973787/3 IC		8260D							20 uL	
STD05 460-973787/4 IC		8260D				5 uL		2 uL		
STD1 460-973787/5 IC		8260D				10 uL		4 uL		
STD5 460-973787/6 IC		8260D				10 uL		4 uL		
STD20 460-973787/7 ICIS		8260D				20 uL		4 uL		
STD50 460-973787/8 IC		8260D				50 uL		10 uL		
STD200 460-973787/9 IC		8260D						20 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Batch Number: 973787 Batch Start Date: 05/09/24 07:47 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00179	8260MIX1COMB 00187	ACROLEIN SP 00164	ACROLEIN W 00169	ACRY/EPIH MIX 00124	BFB 00035
STD500 460-973787/10 IC		8260D						40 uL		
ICV 460-973787/16		8260D			20 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00089	GAS C SP 00566	GAS Hi 00469	GASES Li 00582	MIX 2 Hi 00149	MIX I Hi 00176
BFB 460-973787/1		8260D								
STD8 460-973787/3 IC		8260D						2.5 uL		
STD05 460-973787/4 IC		8260D						5 uL		
STD1 460-973787/5 IC		8260D						10 uL		
STD5 460-973787/6 IC		8260D						10 uL		
STD20 460-973787/7 ICIS		8260D						20 uL		
STD50 460-973787/8 IC		8260D						50 uL		
STD200 460-973787/9 IC		8260D			20 uL		20 uL		20 uL	20 uL
STD500 460-973787/10 IC		8260D			50 uL		50 uL		50 uL	50 uL
ICV 460-973787/16		8260D				20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00072					
BFB 460-973787/1		8260D								
STD8 460-973787/3 IC		8260D			5 uL					
STD05 460-973787/4 IC		8260D			5 uL					
STD1 460-973787/5 IC		8260D			5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Batch Number: 973787 Batch Start Date: 05/09/24 07:47 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00072					
STD5 460-973787/6 IC		8260D			5 uL					
STD20 460-973787/7 ICIS		8260D			5 uL					
STD50 460-973787/8 IC		8260D			5 uL					
STD200 460-973787/9 IC		8260D			5 uL					
STD500 460-973787/10 IC		8260D			5 uL					
ICV 460-973787/16		8260D			5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Batch Number: 986925 Batch Start Date: 07/24/24 18:30 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00021	8260MIX1COMB 00190	ACROLEIN W 00171
CCVIS 460-986925/3		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-986925/5		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-986925/6		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-986925/9		8260D			5 mL	5 mL				
460-308013-B-5	FB-01_20240719	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-308013-B-6	TB-01_20240719	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-308013-B-1	MW-8_20240719	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-308013-B-2	MW-7_20240719	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-308013-B-3	MW-6_20240719	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-308013-B-4	DUP-01_20240719	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-308013-B-1 MS	MW-8_20240719	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-308013-B-1 MSD	MW-8_20240719	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00593	VOA6IS/SURR 00075				
CCVIS 460-986925/3		8260D			20 uL	5 uL				
LCS 460-986925/5		8260D			20 uL	5 uL				
LCSD 460-986925/6		8260D			20 uL	5 uL				
MB 460-986925/9		8260D				5 uL				
460-308013-B-5	FB-01_20240719	8260D	Water	T		5 uL				
460-308013-B-6	TB-01_20240719	8260D	Water	T		5 uL				
460-308013-B-1	MW-8_20240719	8260D	Water	T		5 uL				
460-308013-B-2	MW-7_20240719	8260D	Water	T		5 uL				
460-308013-B-3	MW-6_20240719	8260D	Water	T		5 uL				
460-308013-B-4	DUP-01_20240719	8260D	Water	T		5 uL				
460-308013-B-1 MS	MW-8_20240719	8260D	Water	T	20 uL	5 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-308013-1

SDG No.:

Batch Number: 986925 Batch Start Date: 07/24/24 18:30 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00593	VOA6IS/SURR 00075				
460-308013-B-1 MSD	MW-8_20240719	8260D	Water	T	20 uL	5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

674486 eurofins | Environment Testing America

TAL-8210

Address: 1885 Atlantic Ave ~~NY, A~~ Brooklyn, NY

NY

Regulatory Program ☐ DW ☐ NPDES ☒ RCRA ☒ Other NYS Part 375

Client Contact	Project Manager: M Levy	Site Contact: C Lorthioir	Date: 7/19/24	COC No: 1 of 1 COCs
Company Name: HSA of NY	Tel/Email: mlevy@lakeyaldrich.com	Lab Contact:	Carrier:	Sampler: NJM / CTL
Address: 213 W 35th St	Analysis Turnaround Time: ☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only: Walk-in Client: Lab Sampling:
City/State/Zip: NY, NY 10001	TAT if different from Below: ☐ 2 weeks ☒ 1 week ☐ 2 days ☐ 1 day			Job / SDG No. 308013
Phone:				
Fax:				
Project Name: 1885 Atlantic Ave				
Site: 1885 Atlantic Ave				
PO# 0205125				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	Sample Specific Notes:
MW-8_20240719	7/19/24	10 25	G	W	9		Y	X	MS/MSD
MW-7_20240719	7/19/24	13 15	G	W	3			X	
MW-6_20240719	7/19/24	14.50	G	W	3			X	
DUP-01_20240719	7/19/24		G	W	3			X	
FB-01_20240719	7/19/24	14:30	G	W	2			X	
TB-01_20240719	7/19/24	15:00	G	W	2			X	

460-308013 Chain of Custody

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Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other HCl, 2

Possible Hazard Identification.
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by: [signature]	HSA	7/19/24 1515	Received by: [signature]	[illegible]	7/19/24 1515
Relinquished by:	Company:	Date/Time:	Received by: [signature]	EET	7/19/24 16:30
Relinquished by: [signature]	EET	7/19/24 1900	Received in Laboratory by: [signature]	GFS	7/19/24 1900

MS/MSD ZR # 9

07/25/2024

07/11

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 308013

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED
Cooler #1:	0.7 °C	1.1 °C
Cooler #2:	°C	°C
Cooler #3:	°C	°C
Cooler #4:	°C	°C
Cooler #5:	°C	°C
Cooler #6:	°C	°C
Cooler #7:	°C	°C
Cooler #8:	°C	°C
Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted _____

Preservative Name/Conc.. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials: MS Date: 7/19/24

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-308013-1

Login Number: 308013
List Number: 1
Creator: Casallas, Angela C

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich, Inc.
213 West 35th St
New York NY 10001

Generated 9/17/2024 3:48 PM

JOB DESCRIPTION

1885 Atlantic Avenue, Brooklyn

JOB NUMBER

460-311225-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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9/17/2024 3:48 PM

Authorized for release by
Elizabeth J Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
732 549-3900

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CASE NARRATIVE

Client: Haley & Aldrich, Inc.

Project: 1885 Atlantic Avenue, Brooklyn

Report Number: 460-311225-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 9/10/2024 6:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.7°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples MW-06_20240910 (460-311225-1), MW-07_20240910 (460-311225-2), MW-08_20240910 (460-311225-3), DUP-01_20240910 (460-311225-4), FB-01_20240910 (460-311225-5) and TB-01_20240910 (460-311225-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 09/14/2024.

The continuing calibration verification (CCV) analyzed in batch 460-995829 was outside the method criteria for the following analytes: 1,1,1-Trichloroethane, Bromoform and Carbon tetrachloride (biased high) and Methyl acetate (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-995734 recovered outside control limit for Bromoform and Carbon tetrachloride (biased high) and Methyl acetate (biased low). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-995829 recovered outside control limits for the following analytes: Bromoform, Carbon tetrachloride and Dibromochloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-995734 recovered outside control limits for the following analyte: Carbon tetrachloride. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Carbon tetrachloride failed the recovery criteria high for LCS 460-995734/6. Bromoform, Carbon tetrachloride and Chlorodibromomethane failed the recovery criteria high for LCS 460-995829/4.

Carbon tetrachloride failed the recovery criteria high for the MS of sample 460-310812-2 in batch 460-995829.

Several analytes failed the recovery criteria high for the MSD of sample 460-310812-2 in batch 460-995829.

Tetrachloroethene failed the recovery criteria low for the MS of sample MW-06_20240910MS (460-311225-1) in batch 460-995734. Carbon tetrachloride failed the recovery criteria high.

Tetrachloroethene failed the recovery criteria low for the MSD of sample MW-06_20240910MSD (460-311225-1) in batch 460-995734.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-311225-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-311225-1	MW-06_20240910	Water	09/10/24 11:55	09/10/24 18:30
460-311225-2	MW-07_20240910	Water	09/10/24 13:10	09/10/24 18:30
460-311225-3	MW-08_20240910	Water	09/10/24 14:00	09/10/24 18:30
460-311225-4	DUP-01_20240910	Water	09/10/24 00:00	09/10/24 18:30
460-311225-5	FB-01_20240910	Water	09/10/24 10:00	09/10/24 18:30
460-311225-6	TB-01_20240910	Water	09/10/24 00:00	09/10/24 18:30

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-311225-1

Client Sample ID: MW-06_20240910 — Lab Sample ID: 460-311225-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.86	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.28	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	84		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.86	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-07_20240910 — Lab Sample ID: 460-311225-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.74	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.23	J	1.0	0.22	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.22	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	42		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.32	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-08_20240910 — Lab Sample ID: 460-311225-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.4		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-01_20240910 — Lab Sample ID: 460-311225-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	1.8		1.0	0.82	ug/L	1		8260D	Total/NA
Chloroform	0.83	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.30	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	83		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.76	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: FB-01_20240910 — Lab Sample ID: 460-311225-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.1		1.0	0.32	ug/L	1		8260D	Total/NA

Client Sample ID: TB-01_20240910 — Lab Sample ID: 460-311225-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.2		1.0	0.32	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-311225-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: MW-06_20240910 Lab Sample ID: 460-311225-1

Date Collected: 09/10/24 11:55 **Matrix: Water**
Date Received: 09/10/24 18:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			09/14/24 09:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			09/14/24 09:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			09/14/24 09:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			09/14/24 09:29	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/14/24 09:29	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/14/24 09:29	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			09/14/24 09:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			09/14/24 09:29	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			09/14/24 09:29	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			09/14/24 09:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			09/14/24 09:29	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			09/14/24 09:29	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			09/14/24 09:29	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			09/14/24 09:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			09/14/24 09:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/14/24 09:29	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			09/14/24 09:29	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			09/14/24 09:29	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			09/14/24 09:29	1
Acetone	5.0	U	5.0	4.4	ug/L			09/14/24 09:29	1
Benzene	1.0	U	1.0	0.20	ug/L			09/14/24 09:29	1
Bromoform	1.0	U *	1.0	0.54	ug/L			09/14/24 09:29	1
Bromomethane	1.0	U	1.0	0.55	ug/L			09/14/24 09:29	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			09/14/24 09:29	1
Carbon tetrachloride	1.0	U *	1.0	0.21	ug/L			09/14/24 09:29	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			09/14/24 09:29	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			09/14/24 09:29	1
Chlorodibromomethane	1.0	U *	1.0	0.28	ug/L			09/14/24 09:29	1
Chloroethane	1.0	U	1.0	0.32	ug/L			09/14/24 09:29	1
Chloroform	**0.86**	**J**	1.0	0.33	ug/L			09/14/24 09:29	1
Chloromethane	1.0	U	1.0	0.40	ug/L			09/14/24 09:29	1
cis-1,2-Dichloroethene	**0.28**	**J**	1.0	0.22	ug/L			09/14/24 09:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/14/24 09:29	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			09/14/24 09:29	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			09/14/24 09:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/14/24 09:29	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/14/24 09:29	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			09/14/24 09:29	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			09/14/24 09:29	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			09/14/24 09:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			09/14/24 09:29	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			09/14/24 09:29	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			09/14/24 09:29	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			09/14/24 09:29	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			09/14/24 09:29	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			09/14/24 09:29	1
o-Xylene	1.0	U	1.0	0.36	ug/L			09/14/24 09:29	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			09/14/24 09:29	1
Styrene	1.0	U	1.0	0.42	ug/L			09/14/24 09:29	1

Client Sample ID: MW-06_20240910 Lab Sample ID: 460-311225-1

Date Collected: 09/10/24 11:55 **Matrix: Water**
Date Received: 09/10/24 18:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			09/14/24 09:29	1
Tetrachloroethene	**84**		1.0	0.25	ug/L			09/14/24 09:29	1
Toluene	1.0	U	1.0	0.38	ug/L			09/14/24 09:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/14/24 09:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/14/24 09:29	1
Trichloroethene	**0.86**	**J**	1.0	0.31	ug/L			09/14/24 09:29	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			09/14/24 09:29	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			09/14/24 09:29	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			09/14/24 09:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*		*09/14/24 09:29*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*09/14/24 09:29*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*09/14/24 09:29*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/14/24 09:29*	*1*

Client Sample ID: MW-07_20240910 Lab Sample ID: 460-311225-2

Date Collected: 09/10/24 13:10 **Matrix: Water**
Date Received: 09/10/24 18:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			09/14/24 09:09	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			09/14/24 09:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			09/14/24 09:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			09/14/24 09:09	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/14/24 09:09	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/14/24 09:09	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			09/14/24 09:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			09/14/24 09:09	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			09/14/24 09:09	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			09/14/24 09:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			09/14/24 09:09	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			09/14/24 09:09	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			09/14/24 09:09	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			09/14/24 09:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			09/14/24 09:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/14/24 09:09	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			09/14/24 09:09	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			09/14/24 09:09	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			09/14/24 09:09	1
Acetone	5.0	U	5.0	4.4	ug/L			09/14/24 09:09	1
Benzene	1.0	U	1.0	0.20	ug/L			09/14/24 09:09	1
Bromoform	1.0	U *	1.0	0.54	ug/L			09/14/24 09:09	1
Bromomethane	1.0	U	1.0	0.55	ug/L			09/14/24 09:09	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			09/14/24 09:09	1
Carbon tetrachloride	1.0	U *	1.0	0.21	ug/L			09/14/24 09:09	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			09/14/24 09:09	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			09/14/24 09:09	1
Chlorodibromomethane	1.0	U *	1.0	0.28	ug/L			09/14/24 09:09	1

Client Sample ID: MW-07_20240910 Lab Sample ID: 460-311225-2

Date Collected: 09/10/24 13:10 **Matrix: Water**
Date Received: 09/10/24 18:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			09/14/24 09:09	1
Chloroform	**0.74**	**J**	1.0	0.33	ug/L			09/14/24 09:09	1
Chloromethane	1.0	U	1.0	0.40	ug/L			09/14/24 09:09	1
cis-1,2-Dichloroethene	**0.23**	**J**	1.0	0.22	ug/L			09/14/24 09:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/14/24 09:09	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			09/14/24 09:09	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			09/14/24 09:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/14/24 09:09	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/14/24 09:09	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			09/14/24 09:09	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			09/14/24 09:09	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			09/14/24 09:09	1
Methyl tert-butyl ether	**0.22**	**J**	1.0	0.22	ug/L			09/14/24 09:09	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			09/14/24 09:09	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			09/14/24 09:09	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			09/14/24 09:09	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			09/14/24 09:09	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			09/14/24 09:09	1
o-Xylene	1.0	U	1.0	0.36	ug/L			09/14/24 09:09	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			09/14/24 09:09	1
Styrene	1.0	U	1.0	0.42	ug/L			09/14/24 09:09	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			09/14/24 09:09	1
Tetrachloroethene	**42**		1.0	0.25	ug/L			09/14/24 09:09	1
Toluene	1.0	U	1.0	0.38	ug/L			09/14/24 09:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/14/24 09:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/14/24 09:09	1
Trichloroethene	**0.32**	**J**	1.0	0.31	ug/L			09/14/24 09:09	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			09/14/24 09:09	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			09/14/24 09:09	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			09/14/24 09:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 128*		*09/14/24 09:09*	*1*
4-Bromofluorobenzene	*101*		*76 - 120*		*09/14/24 09:09*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*09/14/24 09:09*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*09/14/24 09:09*	*1*

Client Sample ID: MW-08_20240910 Lab Sample ID: 460-311225-3

Date Collected: 09/10/24 14:00 **Matrix: Water**
Date Received: 09/10/24 18:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			09/14/24 08:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			09/14/24 08:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			09/14/24 08:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			09/14/24 08:50	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/14/24 08:50	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/14/24 08:50	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			09/14/24 08:50	1

Client Sample ID: MW-08_20240910
Date Collected: 09/10/24 14:00
Date Received: 09/10/24 18:30

Lab Sample ID: 460-311225-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			09/14/24 08:50	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			09/14/24 08:50	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			09/14/24 08:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			09/14/24 08:50	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			09/14/24 08:50	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			09/14/24 08:50	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			09/14/24 08:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			09/14/24 08:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/14/24 08:50	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			09/14/24 08:50	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			09/14/24 08:50	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			09/14/24 08:50	1
Acetone	5.0	U	5.0	4.4	ug/L			09/14/24 08:50	1
Benzene	1.0	U	1.0	0.20	ug/L			09/14/24 08:50	1
Bromoform	1.0	U *	1.0	0.54	ug/L			09/14/24 08:50	1
Bromomethane	1.0	U	1.0	0.55	ug/L			09/14/24 08:50	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			09/14/24 08:50	1
Carbon tetrachloride	1.0	U *	1.0	0.21	ug/L			09/14/24 08:50	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			09/14/24 08:50	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			09/14/24 08:50	1
Chlorodibromomethane	1.0	U *	1.0	0.28	ug/L			09/14/24 08:50	1
Chloroethane	1.0	U	1.0	0.32	ug/L			09/14/24 08:50	1
Chloroform	1.0	U	1.0	0.33	ug/L			09/14/24 08:50	1
Chloromethane	1.0	U	1.0	0.40	ug/L			09/14/24 08:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			09/14/24 08:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/14/24 08:50	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			09/14/24 08:50	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			09/14/24 08:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/14/24 08:50	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/14/24 08:50	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			09/14/24 08:50	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			09/14/24 08:50	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			09/14/24 08:50	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			09/14/24 08:50	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			09/14/24 08:50	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			09/14/24 08:50	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			09/14/24 08:50	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			09/14/24 08:50	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			09/14/24 08:50	1
o-Xylene	1.0	U	1.0	0.36	ug/L			09/14/24 08:50	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			09/14/24 08:50	1
Styrene	1.0	U	1.0	0.42	ug/L			09/14/24 08:50	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			09/14/24 08:50	1
Tetrachloroethene	**1.4**		1.0	0.25	ug/L			09/14/24 08:50	1
Toluene	1.0	U	1.0	0.38	ug/L			09/14/24 08:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/14/24 08:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/14/24 08:50	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			09/14/24 08:50	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			09/14/24 08:50	1

Client Sample ID: MW-08_20240910 Lab Sample ID: 460-311225-3

Date Collected: 09/10/24 14:00 **Matrix: Water**
Date Received: 09/10/24 18:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.17	ug/L			09/14/24 08:50	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			09/14/24 08:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 128*		*09/14/24 08:50*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*09/14/24 08:50*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*09/14/24 08:50*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/14/24 08:50*	*1*

Client Sample ID: DUP-01_20240910 Lab Sample ID: 460-311225-4

Date Collected: 09/10/24 00:00 **Matrix: Water**
Date Received: 09/10/24 18:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			09/14/24 04:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			09/14/24 04:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			09/14/24 04:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			09/14/24 04:44	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/14/24 04:44	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/14/24 04:44	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			09/14/24 04:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			09/14/24 04:44	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			09/14/24 04:44	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			09/14/24 04:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			09/14/24 04:44	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			09/14/24 04:44	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			09/14/24 04:44	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			09/14/24 04:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			09/14/24 04:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/14/24 04:44	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			09/14/24 04:44	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			09/14/24 04:44	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			09/14/24 04:44	1
Acetone	5.0	U	5.0	4.4	ug/L			09/14/24 04:44	1
Benzene	1.0	U	1.0	0.20	ug/L			09/14/24 04:44	1
Bromoform	1.0	U *	1.0	0.54	ug/L			09/14/24 04:44	1
Bromomethane	1.0	U	1.0	0.55	ug/L			09/14/24 04:44	1
Carbon disulfide	**1.8**		1.0	0.82	ug/L			09/14/24 04:44	1
Carbon tetrachloride	1.0	U *	1.0	0.21	ug/L			09/14/24 04:44	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			09/14/24 04:44	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			09/14/24 04:44	1
Chlorodibromomethane	1.0	U *	1.0	0.28	ug/L			09/14/24 04:44	1
Chloroethane	1.0	U	1.0	0.32	ug/L			09/14/24 04:44	1
Chloroform	**0.83**	**J**	1.0	0.33	ug/L			09/14/24 04:44	1
Chloromethane	1.0	U	1.0	0.40	ug/L			09/14/24 04:44	1
cis-1,2-Dichloroethene	**0.30**	**J**	1.0	0.22	ug/L			09/14/24 04:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/14/24 04:44	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			09/14/24 04:44	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			09/14/24 04:44	1

Client Sample ID: DUP-01_20240910 Lab Sample ID: 460-311225-4

Date Collected: 09/10/24 00:00 **Matrix: Water**
Date Received: 09/10/24 18:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/14/24 04:44	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/14/24 04:44	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			09/14/24 04:44	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			09/14/24 04:44	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			09/14/24 04:44	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			09/14/24 04:44	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			09/14/24 04:44	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			09/14/24 04:44	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			09/14/24 04:44	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			09/14/24 04:44	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			09/14/24 04:44	1
o-Xylene	1.0	U	1.0	0.36	ug/L			09/14/24 04:44	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			09/14/24 04:44	1
Styrene	1.0	U	1.0	0.42	ug/L			09/14/24 04:44	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			09/14/24 04:44	1
Tetrachloroethene	**83**		1.0	0.25	ug/L			09/14/24 04:44	1
Toluene	1.0	U	1.0	0.38	ug/L			09/14/24 04:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/14/24 04:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/14/24 04:44	1
Trichloroethene	**0.76**	**J**	1.0	0.31	ug/L			09/14/24 04:44	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			09/14/24 04:44	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			09/14/24 04:44	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			09/14/24 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 128*		*09/14/24 04:44*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*09/14/24 04:44*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 132*		*09/14/24 04:44*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*09/14/24 04:44*	*1*

Client Sample ID: FB-01_20240910 Lab Sample ID: 460-311225-5

Date Collected: 09/10/24 10:00 **Matrix: Water**
Date Received: 09/10/24 18:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			09/14/24 04:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			09/14/24 04:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			09/14/24 04:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			09/14/24 04:25	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/14/24 04:25	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/14/24 04:25	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			09/14/24 04:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			09/14/24 04:25	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			09/14/24 04:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			09/14/24 04:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			09/14/24 04:25	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			09/14/24 04:25	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			09/14/24 04:25	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			09/14/24 04:25	1

Client Sample ID: FB-01_20240910 Lab Sample ID: 460-311225-5

Date Collected: 09/10/24 10:00 **Matrix: Water**
Date Received: 09/10/24 18:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			09/14/24 04:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/14/24 04:25	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			09/14/24 04:25	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			09/14/24 04:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			09/14/24 04:25	1
Acetone	5.0	U	5.0	4.4	ug/L			09/14/24 04:25	1
Benzene	1.0	U	1.0	0.20	ug/L			09/14/24 04:25	1
Bromoform	1.0	U *	1.0	0.54	ug/L			09/14/24 04:25	1
Bromomethane	1.0	U	1.0	0.55	ug/L			09/14/24 04:25	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			09/14/24 04:25	1
Carbon tetrachloride	1.0	U *	1.0	0.21	ug/L			09/14/24 04:25	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			09/14/24 04:25	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			09/14/24 04:25	1
Chlorodibromomethane	1.0	U *	1.0	0.28	ug/L			09/14/24 04:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			09/14/24 04:25	1
Chloroform	1.0	U	1.0	0.33	ug/L			09/14/24 04:25	1
Chloromethane	1.0	U	1.0	0.40	ug/L			09/14/24 04:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			09/14/24 04:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/14/24 04:25	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			09/14/24 04:25	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			09/14/24 04:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/14/24 04:25	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/14/24 04:25	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			09/14/24 04:25	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			09/14/24 04:25	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			09/14/24 04:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			09/14/24 04:25	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			09/14/24 04:25	1
Methylene Chloride	**1.1**		1.0	0.32	ug/L			09/14/24 04:25	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			09/14/24 04:25	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			09/14/24 04:25	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			09/14/24 04:25	1
o-Xylene	1.0	U	1.0	0.36	ug/L			09/14/24 04:25	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			09/14/24 04:25	1
Styrene	1.0	U	1.0	0.42	ug/L			09/14/24 04:25	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			09/14/24 04:25	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			09/14/24 04:25	1
Toluene	1.0	U	1.0	0.38	ug/L			09/14/24 04:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/14/24 04:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/14/24 04:25	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			09/14/24 04:25	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			09/14/24 04:25	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			09/14/24 04:25	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			09/14/24 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 128*		*09/14/24 04:25*	*1*
4-Bromofluorobenzene	*99*		*76 - 120*		*09/14/24 04:25*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*09/14/24 04:25*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*09/14/24 04:25*	*1*

Client Sample ID: TB-01_20240910
Date Collected: 09/10/24 00:00
Date Received: 09/10/24 18:30

Lab Sample ID: 460-311225-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			09/14/24 04:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			09/14/24 04:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			09/14/24 04:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			09/14/24 04:05	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/14/24 04:05	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/14/24 04:05	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			09/14/24 04:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			09/14/24 04:05	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			09/14/24 04:05	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			09/14/24 04:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			09/14/24 04:05	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			09/14/24 04:05	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			09/14/24 04:05	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			09/14/24 04:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			09/14/24 04:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/14/24 04:05	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			09/14/24 04:05	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			09/14/24 04:05	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			09/14/24 04:05	1
Acetone	5.0	U	5.0	4.4	ug/L			09/14/24 04:05	1
Benzene	1.0	U	1.0	0.20	ug/L			09/14/24 04:05	1
Bromoform	1.0	U *	1.0	0.54	ug/L			09/14/24 04:05	1
Bromomethane	1.0	U	1.0	0.55	ug/L			09/14/24 04:05	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			09/14/24 04:05	1
Carbon tetrachloride	1.0	U *	1.0	0.21	ug/L			09/14/24 04:05	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			09/14/24 04:05	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			09/14/24 04:05	1
Chlorodibromomethane	1.0	U *	1.0	0.28	ug/L			09/14/24 04:05	1
Chloroethane	1.0	U	1.0	0.32	ug/L			09/14/24 04:05	1
Chloroform	1.0	U	1.0	0.33	ug/L			09/14/24 04:05	1
Chloromethane	1.0	U	1.0	0.40	ug/L			09/14/24 04:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			09/14/24 04:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/14/24 04:05	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			09/14/24 04:05	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			09/14/24 04:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/14/24 04:05	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/14/24 04:05	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			09/14/24 04:05	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			09/14/24 04:05	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			09/14/24 04:05	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			09/14/24 04:05	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			09/14/24 04:05	1
Methylene Chloride	**1.2**		1.0	0.32	ug/L			09/14/24 04:05	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			09/14/24 04:05	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			09/14/24 04:05	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			09/14/24 04:05	1
o-Xylene	1.0	U	1.0	0.36	ug/L			09/14/24 04:05	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			09/14/24 04:05	1
Styrene	1.0	U	1.0	0.42	ug/L			09/14/24 04:05	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-311225-1

Client Sample ID: TB-01_20240910
Date Collected: 09/10/24 00:00
Date Received: 09/10/24 18:30

Lab Sample ID: 460-311225-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			09/14/24 04:05	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			09/14/24 04:05	1
Toluene	1.0	U	1.0	0.38	ug/L			09/14/24 04:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/14/24 04:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/14/24 04:05	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			09/14/24 04:05	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			09/14/24 04:05	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			09/14/24 04:05	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			09/14/24 04:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*09/14/24 04:05*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*09/14/24 04:05*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 132*		*09/14/24 04:05*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*09/14/24 04:05*	*1*

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-311225-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-310812-A-2 MS	Matrix Spike	87	99	99	100
460-310812-A-2 MSD	Matrix Spike Duplicate	88	99	98	100
460-311225-1	MW-06_20240910	96	100	103	100
460-311225-1 MS	MW-06_20240910	87	97	97	102
460-311225-1 MSD	MW-06_20240910	86	98	97	102
460-311225-2	MW-07_20240910	94	101	102	98
460-311225-3	MW-08_20240910	94	104	103	100
460-311225-4	DUP-01_20240910	88	98	97	102
460-311225-5	FB-01_20240910	88	99	99	102
460-311225-6	TB-01_20240910	86	97	97	101
LCS 460-995734/6	Lab Control Sample	97	102	103	100
LCS 460-995829/4	Lab Control Sample	93	102	101	101
MB 460-995734/38	Method Blank	97	102	103	101
MB 460-995829/8	Method Blank	93	101	100	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-995734/38
Matrix: Water
Analysis Batch: 995734

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			09/13/24 21:35	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			09/13/24 21:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			09/13/24 21:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			09/13/24 21:35	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/13/24 21:35	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/13/24 21:35	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			09/13/24 21:35	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			09/13/24 21:35	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			09/13/24 21:35	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			09/13/24 21:35	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			09/13/24 21:35	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			09/13/24 21:35	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			09/13/24 21:35	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			09/13/24 21:35	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			09/13/24 21:35	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/13/24 21:35	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			09/13/24 21:35	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			09/13/24 21:35	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			09/13/24 21:35	1
Acetone	5.0	U	5.0	4.4	ug/L			09/13/24 21:35	1
Benzene	1.0	U	1.0	0.20	ug/L			09/13/24 21:35	1
Bromoform	1.0	U	1.0	0.54	ug/L			09/13/24 21:35	1
Bromomethane	1.0	U	1.0	0.55	ug/L			09/13/24 21:35	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			09/13/24 21:35	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			09/13/24 21:35	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			09/13/24 21:35	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			09/13/24 21:35	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			09/13/24 21:35	1
Chloroethane	1.0	U	1.0	0.32	ug/L			09/13/24 21:35	1
Chloroform	1.0	U	1.0	0.33	ug/L			09/13/24 21:35	1
Chloromethane	1.0	U	1.0	0.40	ug/L			09/13/24 21:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			09/13/24 21:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/13/24 21:35	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			09/13/24 21:35	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			09/13/24 21:35	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/13/24 21:35	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/13/24 21:35	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			09/13/24 21:35	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			09/13/24 21:35	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			09/13/24 21:35	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			09/13/24 21:35	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			09/13/24 21:35	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			09/13/24 21:35	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			09/13/24 21:35	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			09/13/24 21:35	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			09/13/24 21:35	1
o-Xylene	1.0	U	1.0	0.36	ug/L			09/13/24 21:35	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			09/13/24 21:35	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-995734/38
Matrix: Water
Analysis Batch: 995734

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			09/13/24 21:35	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			09/13/24 21:35	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			09/13/24 21:35	1
Toluene	1.0	U	1.0	0.38	ug/L			09/13/24 21:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/13/24 21:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/13/24 21:35	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			09/13/24 21:35	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			09/13/24 21:35	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			09/13/24 21:35	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			09/13/24 21:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 128*		*09/13/24 21:35*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*09/13/24 21:35*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*09/13/24 21:35*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*09/13/24 21:35*	*1*

Lab Sample ID: LCS 460-995734/6
Matrix: Water
Analysis Batch: 995734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.8		ug/L		109	72 - 128
1,1,2,2-Tetrachloroethane	20.0	17.8		ug/L		89	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.1		ug/L		106	65 - 142
1,1,2-Trichloroethane	20.0	18.6		ug/L		93	74 - 125
1,1-Dichloroethane	20.0	19.7		ug/L		98	73 - 130
1,1-Dichloroethene	20.0	18.0		ug/L		90	68 - 133
1,2,3-Trichlorobenzene	20.0	19.4		ug/L		97	55 - 150
1,2,4-Trichlorobenzene	20.0	20.7		ug/L		103	67 - 132
1,2,4-Trimethylbenzene	20.0	20.0		ug/L		100	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	18.3		ug/L		92	58 - 132
1,2-Dichlorobenzene	20.0	19.9		ug/L		99	80 - 120
1,2-Dichloroethane	20.0	18.5		ug/L		93	66 - 129
1,2-Dichloropropane	20.0	19.3		ug/L		97	72 - 128
1,3,5-Trimethylbenzene	20.0	19.6		ug/L		98	75 - 125
1,3-Dichlorobenzene	20.0	19.2		ug/L		96	80 - 120
1,4-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 120
2-Butanone (MEK)	100	93.1		ug/L		93	65 - 142
2-Hexanone	100	101		ug/L		101	72 - 134
4-Methyl-2-pentanone (MIBK)	100	97.5		ug/L		97	77 - 130
Acetone	100	86.6		ug/L		87	60 - 133
Benzene	20.0	18.1		ug/L		90	71 - 126
Bromoform	20.0	25.4		ug/L		127	58 - 128
Bromomethane	20.0	18.1		ug/L		90	33 - 150
Carbon disulfide	20.0	18.3		ug/L		91	35 - 150
Carbon tetrachloride	20.0	27.2	*	ug/L		136	65 - 131
Chlorobenzene	20.0	19.7		ug/L		98	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-995734/6
Matrix: Water
Analysis Batch: 995734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	18.6		ug/L		93	71 - 134
Chlorodibromomethane	20.0	24.3		ug/L		121	73 - 121
Chloroethane	20.0	16.8		ug/L		84	54 - 150
Chloroform	20.0	19.9		ug/L		100	78 - 125
Chloromethane	20.0	18.1		ug/L		90	43 - 149
cis-1,2-Dichloroethene	20.0	19.0		ug/L		95	78 - 121
cis-1,3-Dichloropropene	20.0	19.8		ug/L		99	74 - 125
Cyclohexane	20.0	21.0		ug/L		105	64 - 142
Dichlorobromomethane	20.0	20.6		ug/L		103	76 - 121
Dichlorodifluoromethane	20.0	18.1		ug/L		91	38 - 144
Ethylbenzene	20.0	19.3		ug/L		97	78 - 120
Ethylene Dibromide	20.0	17.6		ug/L		88	79 - 126
Isopropylbenzene	20.0	19.9		ug/L		99	79 - 125
Methyl acetate	40.0	30.3		ug/L		76	50 - 147
Methyl tert-butyl ether	20.0	17.9		ug/L		90	72 - 131
Methylcyclohexane	20.0	20.6		ug/L		103	63 - 138
Methylene Chloride	20.0	18.3		ug/L		92	74 - 127
m-Xylene & p-Xylene	20.0	20.0		ug/L		100	78 - 120
n-Butylbenzene	20.0	20.3		ug/L		102	69 - 135
N-Propylbenzene	20.0	19.5		ug/L		98	68 - 129
o-Xylene	20.0	19.7		ug/L		99	78 - 120
sec-Butylbenzene	20.0	20.0		ug/L		100	77 - 129
Styrene	20.0	19.7		ug/L		99	82 - 127
tert-Butylbenzene	20.0	19.4		ug/L		97	78 - 120
Tetrachloroethene	20.0	20.5		ug/L		103	70 - 127
Toluene	20.0	17.5		ug/L		88	78 - 120
trans-1,2-Dichloroethene	20.0	19.2		ug/L		96	70 - 126
trans-1,3-Dichloropropene	20.0	20.1		ug/L		100	71 - 127
Trichloroethene	20.0	19.7		ug/L		98	73 - 121
Trichlorofluoromethane	20.0	19.7		ug/L		99	62 - 134
Vinyl chloride	20.0	17.6		ug/L		88	55 - 144
Xylenes, Total	40.0	39.7		ug/L		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 128*
4-Bromofluorobenzene	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*103*		*77 - 132*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 460-311225-1 MS
Matrix: Water
Analysis Batch: 995734

Client Sample ID: MW-06_20240910
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	22.9		ug/L		114	72 - 128
1,1,2,2-Tetrachloroethane	1.0	U	20.0	19.5		ug/L		98	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	22.8		ug/L		114	65 - 142
1,1,2-Trichloroethane	1.0	U	20.0	20.8		ug/L		104	74 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-311225-1 MS **Client Sample ID: MW-06_20240910**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 995734

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	1.0	U	20.0	20.8		ug/L		104	73 - 130
1,1-Dichloroethene	1.0	U	20.0	20.6		ug/L		103	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	21.0		ug/L		105	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	22.2		ug/L		111	67 - 132
1,2,4-Trimethylbenzene	1.0	U	20.0	22.8		ug/L		114	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	20.0		ug/L		100	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	21.4		ug/L		107	80 - 120
1,2-Dichloroethane	1.0	U	20.0	17.8		ug/L		89	66 - 129
1,2-Dichloropropane	1.0	U	20.0	20.8		ug/L		104	72 - 128
1,3,5-Trimethylbenzene	1.0	U	20.0	22.3		ug/L		112	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	20.8		ug/L		104	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	21.3		ug/L		107	80 - 120
2-Butanone (MEK)	5.0	U	100	102		ug/L		102	65 - 142
2-Hexanone	5.0	U	100	114		ug/L		114	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	119		ug/L		119	77 - 130
Acetone	5.0	U	100	90.2		ug/L		90	60 - 133
Benzene	1.0	U	20.0	20.9		ug/L		104	71 - 126
Bromoform	1.0	U *	20.0	24.2	*	ug/L		121	58 - 128
Bromomethane	1.0	U	20.0	19.1		ug/L		96	33 - 150
Carbon disulfide	1.0	U	20.0	18.8		ug/L		94	35 - 150
Carbon tetrachloride	1.0	U *	20.0	27.9	*	ug/L		140	65 - 131
Chlorobenzene	1.0	U	20.0	21.5		ug/L		107	80 - 120
Chlorobromomethane	1.0	U	20.0	18.9		ug/L		94	71 - 134
Chlorodibromomethane	1.0	U *	20.0	24.2	*	ug/L		121	73 - 121
Chloroethane	1.0	U	20.0	18.3		ug/L		91	54 - 150
Chloroform	0.86	J	20.0	21.3		ug/L		102	78 - 125
Chloromethane	1.0	U	20.0	19.1		ug/L		96	43 - 149
cis-1,2-Dichloroethene	0.28	J	20.0	20.2		ug/L		100	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	20.8		ug/L		104	74 - 125
Cyclohexane	1.0	U	20.0	24.3		ug/L		122	64 - 142
Dichlorobromomethane	1.0	U	20.0	20.9		ug/L		104	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	18.7		ug/L		94	38 - 144
Ethylbenzene	1.0	U	20.0	22.0		ug/L		110	78 - 120
Ethylene Dibromide	1.0	U	20.0	19.3		ug/L		96	79 - 126
Isopropylbenzene	1.0	U	20.0	22.5		ug/L		113	79 - 125
Methyl acetate	5.0	U	40.0	27.9		ug/L		70	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	18.6		ug/L		93	72 - 131
Methylcyclohexane	1.0	U	20.0	23.6		ug/L		118	63 - 138
Methylene Chloride	1.0	U	20.0	19.2		ug/L		96	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	22.4		ug/L		112	78 - 120
n-Butylbenzene	1.0	U	20.0	22.9		ug/L		114	69 - 135
N-Propylbenzene	1.0	U	20.0	22.7		ug/L		113	68 - 129
o-Xylene	1.0	U	20.0	22.6		ug/L		113	78 - 120
sec-Butylbenzene	1.0	U	20.0	23.4		ug/L		117	77 - 129
Styrene	1.0	U	20.0	21.6		ug/L		108	82 - 127
tert-Butylbenzene	1.0	U	20.0	22.5		ug/L		112	78 - 120
Tetrachloroethene	84		20.0	91.1	*	ug/L		35	70 - 127
Toluene	1.0	U	20.0	19.4		ug/L		97	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	21.1		ug/L		105	70 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-311225-1 MS
Client Sample ID: MW-06_20240910
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 995734

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	1.0	U	20.0	19.4		ug/L		97	71 - 127
Trichloroethene	0.86	J	20.0	21.6		ug/L		104	73 - 121
Trichlorofluoromethane	1.0	U	20.0	20.2		ug/L		101	62 - 134
Vinyl chloride	1.0	U	20.0	18.5		ug/L		93	55 - 144
Xylenes, Total	2.0	U	40.0	45.0		ug/L		112	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*
4-Bromofluorobenzene	*97*		*76 - 120*
Dibromofluoromethane (Surr)	*97*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 460-311225-1 MSD
Client Sample ID: MW-06_20240910
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 995734

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	20.1		ug/L		100	72 - 128	13	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	17.8		ug/L		89	63 - 139	9	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	21.5		ug/L		108	65 - 142	5	30
1,1,2-Trichloroethane	1.0	U	20.0	19.2		ug/L		96	74 - 125	8	30
1,1-Dichloroethane	1.0	U	20.0	18.5		ug/L		93	73 - 130	11	30
1,1-Dichloroethene	1.0	U	20.0	18.4		ug/L		92	68 - 133	11	30
1,2,3-Trichlorobenzene	1.0	U	20.0	18.7		ug/L		94	55 - 150	11	30
1,2,4-Trichlorobenzene	1.0	U	20.0	20.2		ug/L		101	67 - 132	9	30
1,2,4-Trimethylbenzene	1.0	U	20.0	20.4		ug/L		102	75 - 125	11	30
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	18.5		ug/L		93	58 - 132	8	30
1,2-Dichlorobenzene	1.0	U	20.0	19.1		ug/L		95	80 - 120	11	30
1,2-Dichloroethane	1.0	U	20.0	15.9		ug/L		80	66 - 129	11	30
1,2-Dichloropropane	1.0	U	20.0	19.0		ug/L		95	72 - 128	9	30
1,3,5-Trimethylbenzene	1.0	U	20.0	20.1		ug/L		101	75 - 125	10	30
1,3-Dichlorobenzene	1.0	U	20.0	19.1		ug/L		96	80 - 120	8	30
1,4-Dichlorobenzene	1.0	U	20.0	19.3		ug/L		96	80 - 120	10	30
2-Butanone (MEK)	5.0	U	100	94.2		ug/L		94	65 - 142	8	30
2-Hexanone	5.0	U	100	102		ug/L		102	72 - 134	11	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	106		ug/L		106	77 - 130	11	30
Acetone	5.0	U	100	79.7		ug/L		80	60 - 133	12	30
Benzene	1.0	U	20.0	18.9		ug/L		95	71 - 126	10	30
Bromoform	1.0	U *	20.0	21.4	*	ug/L		107	58 - 128	13	30
Bromomethane	1.0	U	20.0	16.9		ug/L		85	33 - 150	12	30
Carbon disulfide	1.0	U	20.0	16.8		ug/L		84	35 - 150	11	30
Carbon tetrachloride	1.0	U *	20.0	24.0	*	ug/L		120	65 - 131	15	30
Chlorobenzene	1.0	U	20.0	19.3		ug/L		97	80 - 120	11	30
Chlorobromomethane	1.0	U	20.0	17.7		ug/L		88	71 - 134	7	30
Chlorodibromomethane	1.0	U *	20.0	21.0	*	ug/L		105	73 - 121	14	30
Chloroethane	1.0	U	20.0	15.9		ug/L		79	54 - 150	14	30
Chloroform	0.86	J	20.0	18.8		ug/L		90	78 - 125	12	30
Chloromethane	1.0	U	20.0	16.8		ug/L		84	43 - 149	13	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-311225-1 MSD
Client Sample ID: MW-06_20240910
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 995734

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.28	J	20.0	19.1		ug/L		94	78 - 121	6	30
cis-1,3-Dichloropropene	1.0	U	20.0	18.2		ug/L		91	74 - 125	14	30
Cyclohexane	1.0	U	20.0	21.6		ug/L		108	64 - 142	12	30
Dichlorobromomethane	1.0	U	20.0	18.7		ug/L		94	76 - 121	11	30
Dichlorodifluoromethane	1.0	U	20.0	17.0		ug/L		85	38 - 144	10	30
Ethylbenzene	1.0	U	20.0	19.9		ug/L		100	78 - 120	10	30
Ethylene Dibromide	1.0	U	20.0	16.6		ug/L		83	79 - 126	15	30
Isopropylbenzene	1.0	U	20.0	20.2		ug/L		101	79 - 125	11	30
Methyl acetate	5.0	U	40.0	24.7		ug/L		62	50 - 147	12	30
Methyl tert-butyl ether	1.0	U	20.0	16.8		ug/L		84	72 - 131	10	30
Methylcyclohexane	1.0	U	20.0	21.6		ug/L		108	63 - 138	9	30
Methylene Chloride	1.0	U	20.0	17.9		ug/L		90	74 - 127	7	30
m-Xylene & p-Xylene	1.0	U	20.0	20.2		ug/L		101	78 - 120	10	30
n-Butylbenzene	1.0	U	20.0	21.3		ug/L		106	69 - 135	7	30
N-Propylbenzene	1.0	U	20.0	20.7		ug/L		104	68 - 129	9	30
o-Xylene	1.0	U	20.0	19.7		ug/L		98	78 - 120	14	30
sec-Butylbenzene	1.0	U	20.0	21.1		ug/L		105	77 - 129	10	30
Styrene	1.0	U	20.0	19.7		ug/L		98	82 - 127	9	30
tert-Butylbenzene	1.0	U	20.0	20.0		ug/L		100	78 - 120	12	30
Tetrachloroethene	84		20.0	87.0	*	ug/L		15	70 - 127	5	30
Toluene	1.0	U	20.0	17.8		ug/L		89	78 - 120	9	30
trans-1,2-Dichloroethene	1.0	U	20.0	19.1		ug/L		96	70 - 126	10	30
trans-1,3-Dichloropropene	1.0	U	20.0	17.7		ug/L		89	71 - 127	9	30
Trichloroethene	0.86	J	20.0	19.6		ug/L		94	73 - 121	10	30
Trichlorofluoromethane	1.0	U	20.0	18.5		ug/L		92	62 - 134	9	30
Vinyl chloride	1.0	U	20.0	16.9		ug/L		85	55 - 144	9	30
Xylenes, Total	2.0	U	40.0	39.9		ug/L		100	80 - 120	12	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*
4-Bromofluorobenzene	*98*		*76 - 120*
Dibromofluoromethane (Surr)	*97*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 460-995829/8
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 995829

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			09/14/24 07:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			09/14/24 07:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			09/14/24 07:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			09/14/24 07:51	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/14/24 07:51	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/14/24 07:51	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			09/14/24 07:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			09/14/24 07:51	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			09/14/24 07:51	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-995829/8
Matrix: Water
Analysis Batch: 995829

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			09/14/24 07:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			09/14/24 07:51	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			09/14/24 07:51	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			09/14/24 07:51	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			09/14/24 07:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			09/14/24 07:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/14/24 07:51	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			09/14/24 07:51	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			09/14/24 07:51	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			09/14/24 07:51	1
Acetone	5.0	U	5.0	4.4	ug/L			09/14/24 07:51	1
Benzene	1.0	U	1.0	0.20	ug/L			09/14/24 07:51	1
Bromoform	1.0	U	1.0	0.54	ug/L			09/14/24 07:51	1
Bromomethane	1.0	U	1.0	0.55	ug/L			09/14/24 07:51	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			09/14/24 07:51	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			09/14/24 07:51	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			09/14/24 07:51	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			09/14/24 07:51	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			09/14/24 07:51	1
Chloroethane	1.0	U	1.0	0.32	ug/L			09/14/24 07:51	1
Chloroform	1.0	U	1.0	0.33	ug/L			09/14/24 07:51	1
Chloromethane	1.0	U	1.0	0.40	ug/L			09/14/24 07:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			09/14/24 07:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/14/24 07:51	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			09/14/24 07:51	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			09/14/24 07:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/14/24 07:51	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/14/24 07:51	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			09/14/24 07:51	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			09/14/24 07:51	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			09/14/24 07:51	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			09/14/24 07:51	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			09/14/24 07:51	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			09/14/24 07:51	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			09/14/24 07:51	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			09/14/24 07:51	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			09/14/24 07:51	1
o-Xylene	1.0	U	1.0	0.36	ug/L			09/14/24 07:51	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			09/14/24 07:51	1
Styrene	1.0	U	1.0	0.42	ug/L			09/14/24 07:51	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			09/14/24 07:51	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			09/14/24 07:51	1
Toluene	1.0	U	1.0	0.38	ug/L			09/14/24 07:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/14/24 07:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			09/14/24 07:51	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			09/14/24 07:51	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			09/14/24 07:51	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			09/14/24 07:51	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			09/14/24 07:51	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		70 - 128		09/14/24 07:51	1
4-Bromofluorobenzene	101		76 - 120		09/14/24 07:51	1
Dibromofluoromethane (Surr)	100		77 - 132		09/14/24 07:51	1
Toluene-d8 (Surr)	101		80 - 120		09/14/24 07:51	1

Lab Sample ID: LCS 460-995829/4
Matrix: Water
Analysis Batch: 995829

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	23.9		ug/L		119	72 - 128
1,1,2,2-Tetrachloroethane	20.0	19.7		ug/L		99	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.6		ug/L		118	65 - 142
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	74 - 125
1,1-Dichloroethane	20.0	21.7		ug/L		109	73 - 130
1,1-Dichloroethene	20.0	20.5		ug/L		102	68 - 133
1,2,3-Trichlorobenzene	20.0	22.0		ug/L		110	55 - 150
1,2,4-Trichlorobenzene	20.0	23.4		ug/L		117	67 - 132
1,2,4-Trimethylbenzene	20.0	23.0		ug/L		115	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	20.9		ug/L		104	58 - 132
1,2-Dichlorobenzene	20.0	22.2		ug/L		111	80 - 120
1,2-Dichloroethane	20.0	19.3		ug/L		97	66 - 129
1,2-Dichloropropane	20.0	21.4		ug/L		107	72 - 128
1,3,5-Trimethylbenzene	20.0	22.7		ug/L		114	75 - 125
1,3-Dichlorobenzene	20.0	21.8		ug/L		109	80 - 120
1,4-Dichlorobenzene	20.0	22.1		ug/L		111	80 - 120
2-Butanone (MEK)	100	101		ug/L		101	65 - 142
2-Hexanone	100	108		ug/L		108	72 - 134
4-Methyl-2-pentanone (MIBK)	100	110		ug/L		110	77 - 130
Acetone	100	91.7		ug/L		92	60 - 133
Benzene	20.0	21.5		ug/L		107	71 - 126
Bromoform	20.0	26.9	*	ug/L		135	58 - 128
Bromomethane	20.0	21.1		ug/L		105	33 - 150
Carbon disulfide	20.0	22.3		ug/L		111	35 - 150
Carbon tetrachloride	20.0	30.3	*	ug/L		152	65 - 131
Chlorobenzene	20.0	22.4		ug/L		112	80 - 120
Chlorobromomethane	20.0	20.7		ug/L		103	71 - 134
Chlorodibromomethane	20.0	25.3	*	ug/L		126	73 - 121
Chloroethane	20.0	19.1		ug/L		96	54 - 150
Chloroform	20.0	21.7		ug/L		109	78 - 125
Chloromethane	20.0	20.5		ug/L		103	43 - 149
cis-1,2-Dichloroethene	20.0	21.2		ug/L		106	78 - 121
cis-1,3-Dichloropropene	20.0	22.8		ug/L		114	74 - 125
Cyclohexane	20.0	23.9		ug/L		119	64 - 142
Dichlorobromomethane	20.0	22.7		ug/L		114	76 - 121
Dichlorodifluoromethane	20.0	19.5		ug/L		97	38 - 144
Ethylbenzene	20.0	22.6		ug/L		113	78 - 120
Ethylene Dibromide	20.0	19.9		ug/L		100	79 - 126
Isopropylbenzene	20.0	23.1		ug/L		116	79 - 125
Methyl acetate	40.0	31.2		ug/L		78	50 - 147
Methyl tert-butyl ether	20.0	19.8		ug/L		99	72 - 131

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-995829/4
Matrix: Water
Analysis Batch: 995829

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylcyclohexane	20.0	24.0		ug/L		120	63 - 138
Methylene Chloride	20.0	20.5		ug/L		102	74 - 127
m-Xylene & p-Xylene	20.0	23.6		ug/L		118	78 - 120
n-Butylbenzene	20.0	24.0		ug/L		120	69 - 135
N-Propylbenzene	20.0	23.2		ug/L		116	68 - 129
o-Xylene	20.0	22.8		ug/L		114	78 - 120
sec-Butylbenzene	20.0	23.9		ug/L		119	77 - 129
Styrene	20.0	23.0		ug/L		115	82 - 127
tert-Butylbenzene	20.0	22.7		ug/L		114	78 - 120
Tetrachloroethene	20.0	23.2		ug/L		116	70 - 127
Toluene	20.0	20.0		ug/L		100	78 - 120
trans-1,2-Dichloroethene	20.0	22.4		ug/L		112	70 - 126
trans-1,3-Dichloropropene	20.0	22.1		ug/L		110	71 - 127
Trichloroethene	20.0	22.1		ug/L		111	73 - 121
Trichlorofluoromethane	20.0	22.4		ug/L		112	62 - 134
Vinyl chloride	20.0	20.3		ug/L		101	55 - 144
Xylenes, Total	40.0	46.4		ug/L		116	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*
4-Bromofluorobenzene	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*101*		*77 - 132*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 460-310812-A-2 MS
Matrix: Water
Analysis Batch: 995829

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	23.1		ug/L		116	72 - 128
1,1,2,2-Tetrachloroethane	1.0	U	20.0	18.6		ug/L		93	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	22.4		ug/L		112	65 - 142
1,1,2-Trichloroethane	1.0	U	20.0	18.6		ug/L		93	74 - 125
1,1-Dichloroethane	1.0	U	20.0	21.1		ug/L		105	73 - 130
1,1-Dichloroethene	1.0	U	20.0	20.9		ug/L		105	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	19.8		ug/L		99	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	21.7		ug/L		109	67 - 132
1,2,4-Trimethylbenzene	1.0	U	20.0	22.1		ug/L		110	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	19.0		ug/L		95	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	21.0		ug/L		105	80 - 120
1,2-Dichloroethane	1.0	U	20.0	18.1		ug/L		90	66 - 129
1,2-Dichloropropane	1.0	U	20.0	21.0		ug/L		105	72 - 128
1,3,5-Trimethylbenzene	1.0	U	20.0	21.9		ug/L		110	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	20.6		ug/L		103	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	20.9		ug/L		105	80 - 120
2-Butanone (MEK)	5.0	U	100	98.2		ug/L		98	65 - 142
2-Hexanone	5.0	U	100	110		ug/L		110	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	113		ug/L		113	77 - 130

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-310812-A-2 MS
Matrix: Water
Analysis Batch: 995829

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	5.0	U	100	86.4		ug/L		86	60 - 133
Benzene	1.0	U	20.0	20.7		ug/L		104	71 - 126
Bromoform	1.0	U *	20.0	23.2		ug/L		116	58 - 128
Bromomethane	1.0	U	20.0	19.5		ug/L		97	33 - 150
Carbon disulfide	1.0	U	20.0	19.3		ug/L		97	35 - 150
Carbon tetrachloride	1.0	U *	20.0	28.1	*	ug/L		140	65 - 131
Chlorobenzene	1.0	U	20.0	21.6		ug/L		108	80 - 120
Chlorobromomethane	1.0	U	20.0	19.7		ug/L		98	71 - 134
Chlorodibromomethane	1.0	U *	20.0	22.8		ug/L		114	73 - 121
Chloroethane	1.0	U	20.0	18.5		ug/L		93	54 - 150
Chloroform	5.1		20.0	25.1		ug/L		100	78 - 125
Chloromethane	1.0	U	20.0	19.1		ug/L		95	43 - 149
cis-1,2-Dichloroethene	1.0	U	20.0	20.2		ug/L		101	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	20.3		ug/L		101	74 - 125
Cyclohexane	1.0	U	20.0	23.1		ug/L		115	64 - 142
Dichlorobromomethane	1.0	U	20.0	20.7		ug/L		103	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	17.5		ug/L		88	38 - 144
Ethylbenzene	1.0	U	20.0	21.8		ug/L		109	78 - 120
Ethylene Dibromide	1.0	U	20.0	18.7		ug/L		93	79 - 126
Isopropylbenzene	1.0	U	20.0	21.9		ug/L		110	79 - 125
Methyl acetate	5.0	U	40.0	27.5		ug/L		69	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	19.3		ug/L		96	72 - 131
Methylcyclohexane	1.0	U	20.0	23.0		ug/L		115	63 - 138
Methylene Chloride	1.0	U	20.0	20.7		ug/L		104	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	22.3		ug/L		112	78 - 120
n-Butylbenzene	1.0	U	20.0	22.9		ug/L		114	69 - 135
N-Propylbenzene	1.0	U	20.0	22.1		ug/L		111	68 - 129
o-Xylene	1.0	U	20.0	22.0		ug/L		110	78 - 120
sec-Butylbenzene	1.0	U	20.0	22.8		ug/L		114	77 - 129
Styrene	1.0	U	20.0	21.6		ug/L		108	82 - 127
tert-Butylbenzene	1.0	U	20.0	21.9		ug/L		110	78 - 120
Tetrachloroethene	0.38	J	20.0	21.7		ug/L		107	70 - 127
Toluene	1.0	U	20.0	19.3		ug/L		96	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	21.2		ug/L		106	70 - 126
trans-1,3-Dichloropropene	1.0	U	20.0	19.3		ug/L		96	71 - 127
Trichloroethene	1.0	U	20.0	21.3		ug/L		106	73 - 121
Trichlorofluoromethane	1.0	U	20.0	20.6		ug/L		103	62 - 134
Vinyl chloride	1.0	U	20.0	19.3		ug/L		96	55 - 144
Xylenes, Total	2.0	U	40.0	44.4		ug/L		111	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 132*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-310812-A-2 MSD
Matrix: Water
Analysis Batch: 995829

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	25.1		ug/L		125	72 - 128	8	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	21.2		ug/L		106	63 - 139	13	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	24.7		ug/L		124	65 - 142	10	30
1,1,2-Trichloroethane	1.0	U	20.0	21.1		ug/L		105	74 - 125	12	30
1,1-Dichloroethane	1.0	U	20.0	23.0		ug/L		115	73 - 130	9	30
1,1-Dichloroethene	1.0	U	20.0	22.4		ug/L		112	68 - 133	7	30
1,2,3-Trichlorobenzene	1.0	U	20.0	23.0		ug/L		115	55 - 150	15	30
1,2,4-Trichlorobenzene	1.0	U	20.0	24.7		ug/L		124	67 - 132	13	30
1,2,4-Trimethylbenzene	1.0	U	20.0	25.2	*	ug/L		126	75 - 125	13	30
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	22.8		ug/L		114	58 - 132	18	30
1,2-Dichlorobenzene	1.0	U	20.0	23.9		ug/L		119	80 - 120	13	30
1,2-Dichloroethane	1.0	U	20.0	19.6		ug/L		98	66 - 129	8	30
1,2-Dichloropropane	1.0	U	20.0	22.6		ug/L		113	72 - 128	7	30
1,3,5-Trimethylbenzene	1.0	U	20.0	24.5		ug/L		122	75 - 125	11	30
1,3-Dichlorobenzene	1.0	U	20.0	23.3		ug/L		116	80 - 120	12	30
1,4-Dichlorobenzene	1.0	U	20.0	23.6		ug/L		118	80 - 120	12	30
2-Butanone (MEK)	5.0	U	100	116		ug/L		116	65 - 142	16	30
2-Hexanone	5.0	U	100	125		ug/L		125	72 - 134	13	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	130		ug/L		130	77 - 130	14	30
Acetone	5.0	U	100	98.0		ug/L		98	60 - 133	13	30
Benzene	1.0	U	20.0	22.8		ug/L		114	71 - 126	10	30
Bromoform	1.0	U *	20.0	26.1	*	ug/L		130	58 - 128	12	30
Bromomethane	1.0	U	20.0	20.6		ug/L		103	33 - 150	6	30
Carbon disulfide	1.0	U	20.0	21.5		ug/L		107	35 - 150	11	30
Carbon tetrachloride	1.0	U *	20.0	30.3	*	ug/L		152	65 - 131	8	30
Chlorobenzene	1.0	U	20.0	23.8		ug/L		119	80 - 120	10	30
Chlorobromomethane	1.0	U	20.0	21.2		ug/L		106	71 - 134	7	30
Chlorodibromomethane	1.0	U *	20.0	25.2	*	ug/L		126	73 - 121	10	30
Chloroethane	1.0	U	20.0	19.3		ug/L		96	54 - 150	4	30
Chloroform	5.1		20.0	27.0		ug/L		110	78 - 125	7	30
Chloromethane	1.0	U	20.0	20.7		ug/L		104	43 - 149	8	30
cis-1,2-Dichloroethene	1.0	U	20.0	22.1		ug/L		111	78 - 121	9	30
cis-1,3-Dichloropropene	1.0	U	20.0	22.7		ug/L		113	74 - 125	11	30
Cyclohexane	1.0	U	20.0	26.2		ug/L		131	64 - 142	13	30
Dichlorobromomethane	1.0	U	20.0	23.1		ug/L		115	76 - 121	11	30
Dichlorodifluoromethane	1.0	U	20.0	19.4		ug/L		97	38 - 144	10	30
Ethylbenzene	1.0	U	20.0	23.4		ug/L		117	78 - 120	7	30
Ethylene Dibromide	1.0	U	20.0	20.6		ug/L		103	79 - 126	10	30
Isopropylbenzene	1.0	U	20.0	24.6		ug/L		123	79 - 125	11	30
Methyl acetate	5.0	U	40.0	30.3		ug/L		76	50 - 147	10	30
Methyl tert-butyl ether	1.0	U	20.0	21.4		ug/L		107	72 - 131	10	30
Methylcyclohexane	1.0	U	20.0	25.6		ug/L		128	63 - 138	11	30
Methylene Chloride	1.0	U	20.0	22.1		ug/L		110	74 - 127	6	30
m-Xylene & p-Xylene	1.0	U	20.0	24.8	*	ug/L		124	78 - 120	11	30
n-Butylbenzene	1.0	U	20.0	25.3		ug/L		126	69 - 135	10	30
N-Propylbenzene	1.0	U	20.0	24.6		ug/L		123	68 - 129	11	30
o-Xylene	1.0	U	20.0	24.0		ug/L		120	78 - 120	9	30
sec-Butylbenzene	1.0	U	20.0	25.7		ug/L		128	77 - 129	12	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-310812-A-2 MSD
Matrix: Water
Analysis Batch: 995829

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene	1.0	U	20.0	24.0		ug/L		120	82 - 127	11	30
tert-Butylbenzene	1.0	U	20.0	24.7	*	ug/L		124	78 - 120	12	30
Tetrachloroethene	0.38	J	20.0	24.7		ug/L		121	70 - 127	13	30
Toluene	1.0	U	20.0	21.3		ug/L		106	78 - 120	10	30
trans-1,2-Dichloroethene	1.0	U	20.0	24.1		ug/L		120	70 - 126	13	30
trans-1,3-Dichloropropene	1.0	U	20.0	21.9		ug/L		109	71 - 127	13	30
Trichloroethene	1.0	U	20.0	23.5		ug/L		117	73 - 121	10	30
Trichlorofluoromethane	1.0	U	20.0	21.8		ug/L		109	62 - 134	6	30
Vinyl chloride	1.0	U	20.0	20.1		ug/L		100	55 - 144	4	30
Xylenes, Total	2.0	U	40.0	48.8	*	ug/L		122	80 - 120	10	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*
Toluene-d8 (Surr)	*100*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-311225-1

GC/MS VOA

Analysis Batch: 995734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-311225-4	DUP-01_20240910	Total/NA	Water	8260D	
460-311225-5	FB-01_20240910	Total/NA	Water	8260D	
460-311225-6	TB-01_20240910	Total/NA	Water	8260D	
MB 460-995734/38	Method Blank	Total/NA	Water	8260D	
LCS 460-995734/6	Lab Control Sample	Total/NA	Water	8260D	
460-311225-1 MS	MW-06_20240910	Total/NA	Water	8260D	
460-311225-1 MSD	MW-06_20240910	Total/NA	Water	8260D	

Analysis Batch: 995829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-311225-1	MW-06_20240910	Total/NA	Water	8260D	
460-311225-2	MW-07_20240910	Total/NA	Water	8260D	
460-311225-3	MW-08_20240910	Total/NA	Water	8260D	
MB 460-995829/8	Method Blank	Total/NA	Water	8260D	
LCS 460-995829/4	Lab Control Sample	Total/NA	Water	8260D	
460-310812-A-2 MS	Matrix Spike	Total/NA	Water	8260D	
460-310812-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 460-311225-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: MW-06_20240910
Lab Sample ID: 460-311225-1
Date Collected: 09/10/24 11:55
Matrix: Water
Date Received: 09/10/24 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	995829	SZD	EET EDI	09/14/24 09:29

Client Sample ID: MW-07_20240910
Lab Sample ID: 460-311225-2
Date Collected: 09/10/24 13:10
Matrix: Water
Date Received: 09/10/24 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	995829	SZD	EET EDI	09/14/24 09:09

Client Sample ID: MW-08_20240910
Lab Sample ID: 460-311225-3
Date Collected: 09/10/24 14:00
Matrix: Water
Date Received: 09/10/24 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	995829	SZD	EET EDI	09/14/24 08:50

Client Sample ID: DUP-01_20240910
Lab Sample ID: 460-311225-4
Date Collected: 09/10/24 00:00
Matrix: Water
Date Received: 09/10/24 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	995734	VBP	EET EDI	09/14/24 04:44

Client Sample ID: FB-01_20240910
Lab Sample ID: 460-311225-5
Date Collected: 09/10/24 10:00
Matrix: Water
Date Received: 09/10/24 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	995734	VBP	EET EDI	09/14/24 04:25

Client Sample ID: TB-01_20240910
Lab Sample ID: 460-311225-6
Date Collected: 09/10/24 00:00
Matrix: Water
Date Received: 09/10/24 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	995734	VBP	EET EDI	09/14/24 04:05

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc. Job ID: 460-311225-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-25

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00172	09/06/24	08/06/24	MeOH, Lot EI434-US	10 mL	14DIOXINTER_00154	100 uL	1,4-Dioxane	500.001 ug/mL
.14DIOXINTER_00154	02/28/25	03/31/23	MeOH, Lot 22C2862010	10 mL	14DIOXNEAT_00004	483.56 uL	1,4-Dioxane	50000.1 ug/mL
..14DIOXNEAT_00004	02/28/25	SIGMA-ALDRICH, Lot BCCH3811			(Purchased Reagent)		1,4-Dioxane	1.034 g/g
524FREONS_00023	09/15/24	08/15/24	MeOH, Lot EI434-US	10 mL	7 Freons_00005	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00005	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00017	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	7 Freons_00005	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00005	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00183	08/31/24	08/13/24	MeOH, Lot EI434-US	10 mL	KetonesC SS_00016	200 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix SS_00021	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00016	02/28/26		RESTEK, Lot A0194631		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix SS_00021	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260MIX1COMB_00192	09/15/24	08/15/24	MeOH, Lot EI434-US	50 mL	2-CEVEC_00030	1 mL	2-Chloroethyl vinyl ether	50.12 ug/mL
					EPICH(working_00014	500 uL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00024	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00023	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00029	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					LIST2/STD6_00022	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00025	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00041	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00029	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00100	1 mL	Vinyl acetate	100 ug/mL
.2-CEVEC_00030	02/28/27		RESTEK, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new)_00024	05/31/27		RESTEK, Lot A0212265		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00023	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00029	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.LIST2/STD6_00022	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00025	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00029	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00100	09/30/25		RESTEK, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00192	09/15/24	08/15/24	MeOH, Lot EI434-US	50 mL	Mega Mix_00041	1 mL	Xylenes, Total	100 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
8260MIX1COMB_00193	10/10/24	09/10/24	MeOH, Lot EI863-US	50 mL	KetonesC_00029	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix_00041	1 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC_00029	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
ACROLEIN W_00173	09/24/24	08/24/24	MeOH, Lot EI863-US	10 mL	ACROLEIN_00025	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00025	09/30/25		RESTEK, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00128	09/06/24	08/06/24	MeOH, Lot EI434-US	10 mL	Acrylonitrile_00010	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00014	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00010	06/15/26		ABSOLUTE, Lot 061523		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
BFB_00036							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	200 uL	4-Bromofluorobenzene	50 ug/mL
							BFB	50 ug/mL
.VMC21SU_00011	03/08/27	Absolute, Lot 030822			(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
Ethanol mix_00092	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	ETHANOL(new)_00024	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00024	05/31/27	RESTEK, Lot A0212265			(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00583	09/03/24	08/27/24	MeOH, Lot EI434-US	10 mL	GASES SS_00027	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00027	05/31/27	RESTEK, Lot A0211505			(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00477	09/05/24	08/22/24	MeOH, Lot EI863-US	5 mL	GASES C_00041	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00041	05/31/27	RESTEK, Lot A0211969			(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00600	09/03/24	08/27/24	MeOH, Lot EI863-US	25 mL	GASES C_00041	0.5 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00602	09/14/24	09/07/24	MeOH, Lot EI863-US	25 mL	GASES C_00041	0.5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00152	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	2-CEVEC_00030	1 mL	2-Chloroethyl vinyl ether	501.2 ug/mL
					Extra Cmpd_00023	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00022	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00025	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00029	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.2-CEVEC_00030	02/28/27		RESTEK, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.Extra Cmpd_00023	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00022	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00025	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00029	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00179	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	EPICH(working_00014	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00029	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
					Mega Mix_00041	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chlorodibromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromomethane	500 ug/mL
							Dichlorobromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00100	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00029	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00100	09/30/25	RESTEK, Lot A0209567			(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VOA6IS/SURR_00076	10/27/24	08/27/24	MeOH, Lot EI863-US	10 mL	8260 SURR C_00064	200 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					8260ISNEW_00206	2 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260 SURR C_00064	05/31/29	RESTEK, Lot A0211048			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.8260ISNEW_00206	06/30/29	RESTEK, Lot A0212332			(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL

Reagent

14DIOXNEAT_00004

Supelco

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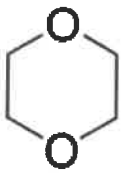
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
1,4-Dioxane - analytical standard

Product Number:	**76887**
Batch Number:	**BCCH3811**
Brand:	SIAL
CAS Number:	123-91-1
Formula:	C4H8O2
Formula Weight:	88,11 g/mol
Quality Release Date:	18 MAR 2022
Expiration Date:	FEB 2025



R2386

HS 3/31/23 #10669636

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Purity (GC)	≥ 99.5 %	100.0 %
Refractive index at 20 °C	1.421 - 1.423	1.422
Water (Coulometric)	≤ 0.05 %	0.03 %
Peroxide (as H2O2)	≤ 50.00 mg/kg	< 50.00 mg/kg

Dr. R. Schwenninger

Dr.Reinhold Schwenninger
Quality Assurance
Buchs,Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

2-CEVEC_00030

R2510

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569723 **Lot No.:** A0208368

Description : 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Chloroethyl vinyl ether	110-75-8	MKCK6742	99%	2,521.0 µg/mL	+/- 31.3743

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Reagent

7 Freons_00005

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R2518

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	65833	**Solvent(s):**	**Lot#**	
Lot Number:	040723	Methanol	EF282-USQ5	
Description:	Freon Standard Rev 1 7 components			
Expiration Date:	040726			
Recommended Storage:	Freezer (0 °C)			
Nominal Concentration (µg/mL):	2000			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):	100.0	0.021	Flask Uncertainty	

Eli Aliaga 040723
Formulated By: Eli Aliaga DATE

Pedro Rentas 040723
Reviewed By: Pedro L. Rentas DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

8260 SURR C_00064

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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R25119

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 60 of 602

Reagent

8260ISNEW_00206

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2537
7/30/24 MS
1191692

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0212332

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : June 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,028.8 µg/mL	+/- 62.4550
2	2-Butanone-d5	24313-50-6	M-276	99%	1,256.0 µg/mL	+/- 15.5990
3	Fluorobenzene	462-06-6	BCBZ5549	99%	251.1 µg/mL	+/- 3.1204
4	1,4-Dioxane-d8	17647-74-4	RP230605	99%	5,011.4 µg/mL	+/- 62.2392
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.6 µg/mL	+/- 3.1142
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	252.4 µg/mL	+/- 3.1360

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

ACROLEIN_00025

R2511

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0209476

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RP240118CTH	99%	19,917.5 µg/mL	+/- 585.1357

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Page 04 of 002

Reagent

Acrylonitrile_00010

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 061523
Description: Acrylonitrile

Solvent: Methanol **Lot#** EE584-USQ7

R2520 #11756671
MS 5/21/24

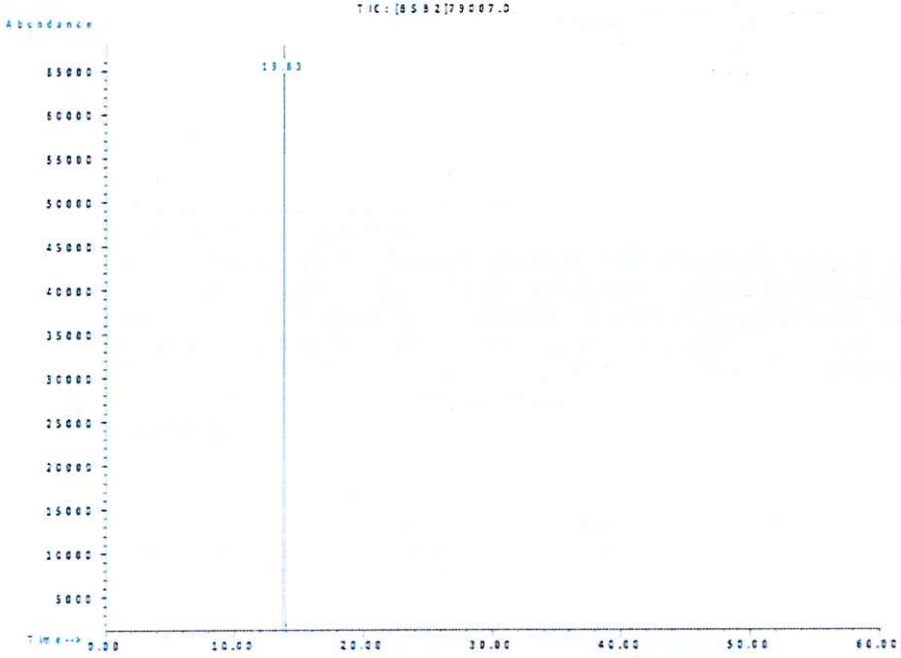
Expiration Date: 061526
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

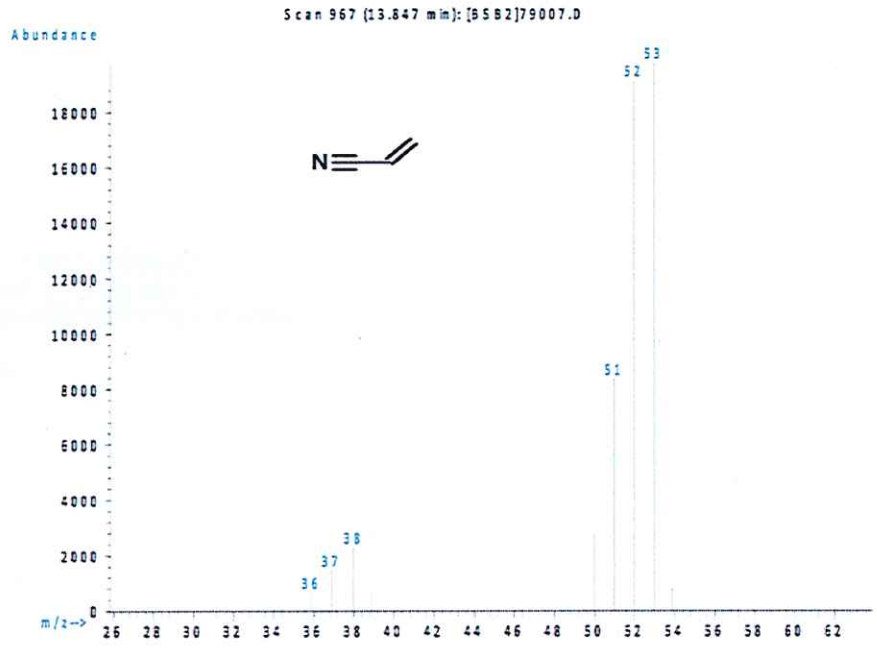
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0
0.001 Flask Uncertainty

Formulated By:	Eli Aliaga	061523 DATE
Reviewed By:	Pedro L. Rentas	061523 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05063	1001.9	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

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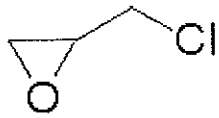
Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 °C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

ETHANOL(new)_00024

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0212265

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR1203	99%	100,982.0 µg/mL	+/- 1,256.0897

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Extra Cmpd_00023

Absolute Standards, Inc.
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Certified Reference Material CRM

R2517

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 092922
Description: VOC Standard 2015
14 components
Expiration Date: 092925
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EC592-USQ6

Formulated By:	Benson Chan	092922 DATE
Reviewed By:	Pedro L. Rentas	092922 DATE

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	n-Amyl acetate	1515	OGL01	2500	98	0.2	0.25511	0.25561	2504.9	10.3	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2.	tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.25511	0.25536	2502.4	10.3	919-94-8	N/A	inh-mus 81284mg/m3/15H
3.	n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.25254	0.25273	2501.9	10.2	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4.	Butyl methacrylate	1314	03220HG	2500	99	0.2	0.25254	0.25285	2503.1	10.2	97-88-1	N/A	orl-rat 18 g/kg
5.	Cyclopentene	519	04013BX	2500	99	0.2	0.25254	0.25265	2501.1	10.2	142-29-0	N/A	orl-rat 1656mg/kg
6.	4-Ethyltoluene	1001	031097	2500	99	0.2	0.25254	0.25313	2505.9	10.2	622-96-8	N/A	N/A
7.	Indan	955	02625MQ	2500	96	0.2	0.26043	0.26075	2503.1	10.5	496-11-7	N/A	N/A
8.	Isoprene	1541	SHBN7340	2500	99.7	0.2	0.25076	0.25112	2503.5	10.1	78-79-5	N/A	N/A
9.	Isopropyl acetate	1106	U17E045	2500	99.9	0.2	0.25026	0.25097	2507.1	10.1	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10.	Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.25026	0.25088	2506.2	10.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11.	n-Pentane	783	SHBM5087	**5000**	99.4	0.2	0.50304	0.50358	**5005.3**	20.2	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12.	Propyl acetate	1105	05017HY	2500	99	0.2	0.25254	0.25286	2503.2	10.2	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13.	1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.25511	0.25520	2500.8	10.3	95-93-2	N/A	orl-rat 6989mg/kg
14.	1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.25511	0.25536	2502.4	10.3	105-05-5	N/A	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

GASES C_00041

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

GASES SS_00027

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ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0211505

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUE

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,506.6 µg/mL	+/- 141.9537
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,508.3 µg/mL	+/- 142.1039
3	Vinyl chloride	75-01-4 *	00015559	99%	2,513.8 µg/mL	+/- 142.7235
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,508.8 µg/mL	+/- 142.0275
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,535.7 µg/mL	+/- 145.7487
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,503.6 µg/mL	+/- 141.4181
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,523.6 µg/mL	+/- 141.7792
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,509.1 µg/mL	+/- 141.8184

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

KetonesC SS_00016

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0194631

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	S25F025	99%	12,530.8 µg/mL	+/- 433.0935
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,522.8 µg/mL	+/- 432.8170
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,555.6 µg/mL	+/- 433.9507
4	2-Hexanone	591-78-6.SEC	Y3TUO	99%	12,580.4 µg/mL	+/- 434.8078

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

KetonesC_00029

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MS 7/3/24 # 11859472

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

LIST2/STD6_00022

R2513

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0203604

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBQ4760	99%	25,118.5 µg/mL	+/- 410.7356
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	230928JLM	99%	2,517.5 µg/mL	+/- 41.1780
3	Methacrylonitrile	126-98-7	1012014	99%	25,073.0 µg/mL	+/- 409.9916
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBP5702	99%	2,521.5 µg/mL	+/- 41.2434
5	1-Butanol	71-36-3	101601K21K	99%	62,717.5 µg/mL	+/- 1,025.5446
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,037.2 µg/mL	+/- 82.3680
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,509.5 µg/mL	+/- 41.0471
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-36	98%	2,524.0 µg/mL	+/- 41.2841
9	Benzyl chloride	100-44-7	SHBH2102V	99%	2,511.5 µg/mL	+/- 41.0798
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,515.0 µg/mL	+/- 41.1371

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 82 of 002

Reagent

LIST2/STD7_00025

R2514

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0200274

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBP9289	99%	5,031.0 µg/mL	+/- 173.8830
2	Ethyl acrylate	140-88-5	10129902	99%	2,502.5 µg/mL	+/- 86.4979
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,000.0 µg/mL	+/- 172.8116
4	Butyl acetate	123-86-4	SHBP6314	99%	2,506.0 µg/mL	+/- 86.6188

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 84 of 602

Reagent

Mega Mix SS_00021

R2477

RESTEK

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Certificate of Analysis

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0207697

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : February 28, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUE

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,042.7 µg/mL	+/- 62.7252
2	2-Butanone-d5	24313-50-6	M-276	99%	1,258.3 µg/mL	+/- 15.6602
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.3 µg/mL	+/- 3.1239
4	1,4-Dioxane-d8	17647-74-4	RP230605	99%	5,042.0 µg/mL	+/- 62.7169
5	Chlorobenzene-d5	3114-55-4	PR-29571	99%	250.7 µg/mL	+/- 3.1280
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1280

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

Mega Mix_00041

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

POLAR ADD_00029

R2512

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0210249

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,019.2 µg/mL	+/- 409.1119
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,512.4 µg/mL	+/- 41.0946
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	2,519.0 µg/mL	+/- 41.2024
4	Propionitrile	107-12-0	BCCH7430	99%	25,234.4 µg/mL	+/- 412.6308
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,096.4 µg/mL	+/- 410.3743
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,517.2 µg/mL	+/- 41.1731

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Vinyl Acetate_00100

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2508

MS 5/8/24

11721736

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0209567

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RP231030CTH	98%	5,034.8 µg/mL	+/- 173.9777

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

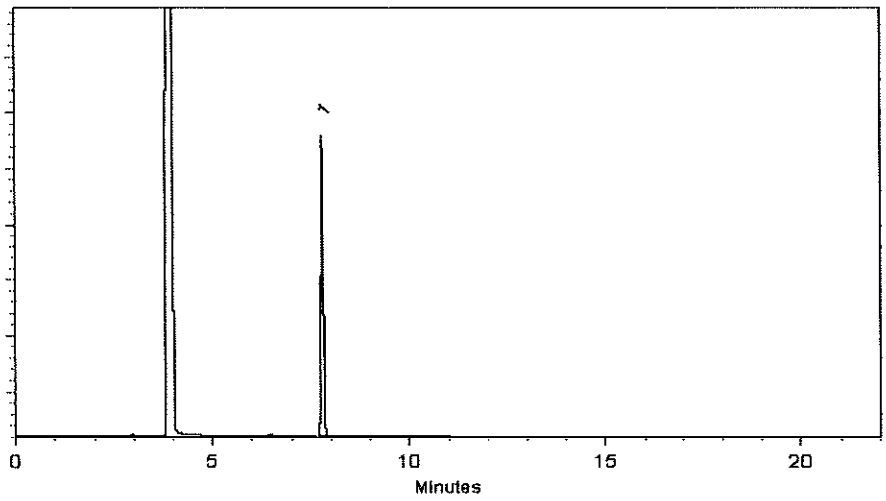
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Creighead - Mix Technician

Date Mixed: 27-Mar-2024 **Balance Serial #** B251644995

Amanda Miller - Operations Tech III - ARM QC

Date Passed: 29-Mar-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

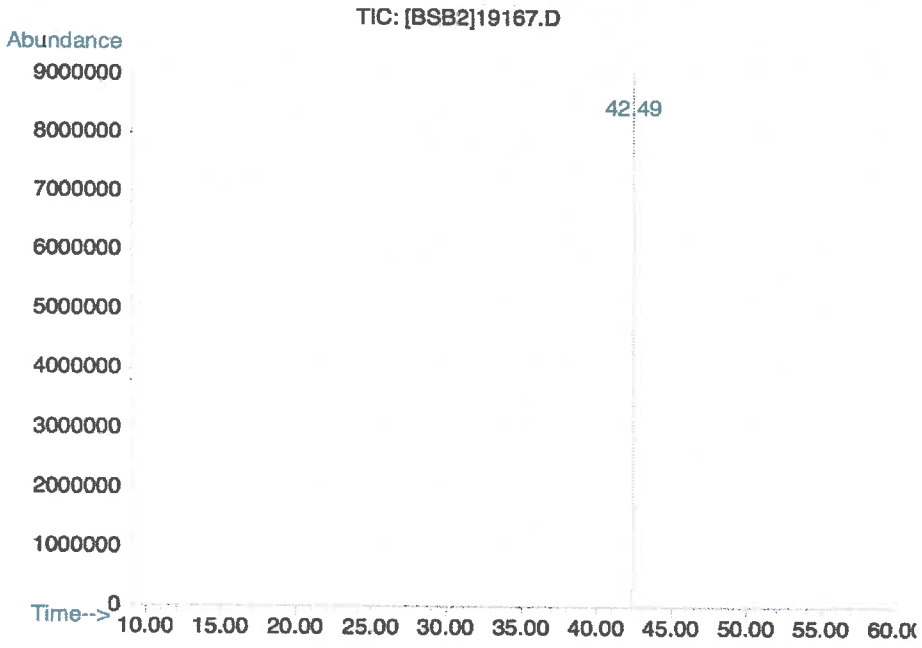
Solvent(s):	Lot#
Methanol	EB373-US

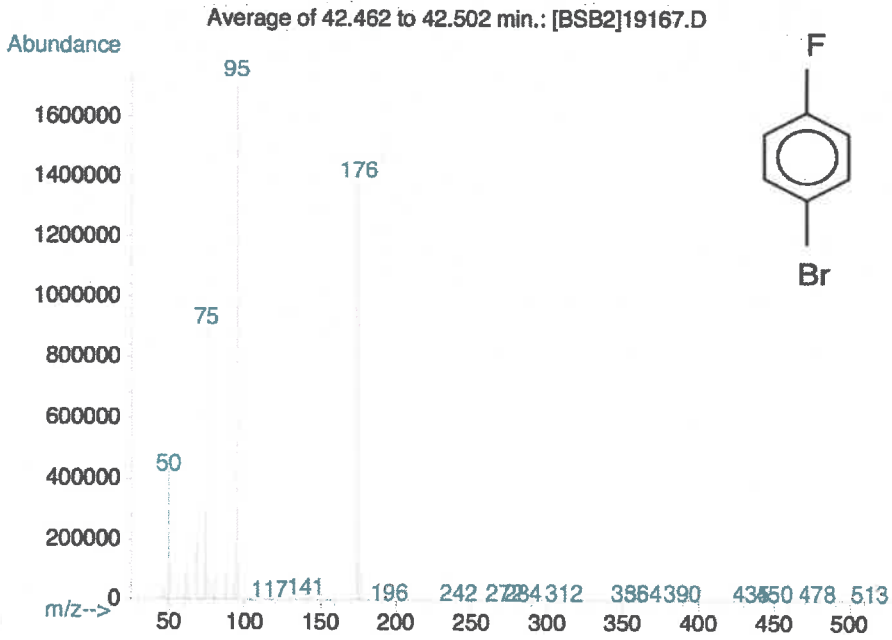
R2384
MS 3/31/23 #10669421
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

Formulated By:	Benson Chan	030822 DATE
Reviewed By:	Pedro L. Rentas	030822 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	orl-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-06_20240910	460-311225-1	103	96	100	100
MW-07_20240910	460-311225-2	102	94	98	101
MW-08_20240910	460-311225-3	103	94	100	104
DUP-01_20240910	460-311225-4	97	88	102	98
FB-01_20240910	460-311225-5	99	88	102	99
TB-01_20240910	460-311225-6	97	86	101	97
	MB 460-995734/38	103	97	101	102
	MB 460-995829/8	100	93	101	101
	LCS 460-995734/6	103	97	100	102
	LCS 460-995829/4	101	93	101	102
MW-06_20240910 MS	460-311225-1 MS	97	87	102	97
	460-310812-A-2 MS	99	87	100	99
MW-06_20240910 MSD	460-311225-1 MSD	97	86	102	98
	460-310812-A-2 MSD	98	88	100	99

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT85018.D

Lab ID: LCS 460-995734/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.8	109	72-128	
1,1,2,2-Tetrachloroethane	20.0	17.8	89	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.1	106	65-142	
1,1,2-Trichloroethane	20.0	18.6	93	74-125	
1,1-Dichloroethane	20.0	19.7	98	73-130	
1,1-Dichloroethene	20.0	18.0	90	68-133	
1,2,3-Trichlorobenzene	20.0	19.4	97	55-150	
1,2,4-Trichlorobenzene	20.0	20.7	103	67-132	
1,2,4-Trimethylbenzene	20.0	20.0	100	75-125	
1,2-Dibromo-3-Chloropropane	20.0	18.3	92	58-132	
1,2-Dichlorobenzene	20.0	19.9	99	80-120	
1,2-Dichloroethane	20.0	18.5	93	66-129	
1,2-Dichloropropane	20.0	19.3	97	72-128	
1,3,5-Trimethylbenzene	20.0	19.6	98	75-125	
1,3-Dichlorobenzene	20.0	19.2	96	80-120	
1,4-Dichlorobenzene	20.0	19.8	99	80-120	
2-Butanone (MEK)	100	93.1	93	65-142	
2-Hexanone	100	101	101	72-134	
4-Methyl-2-pentanone (MIBK)	100	97.5	97	77-130	
Acetone	100	86.6	87	60-133	
Benzene	20.0	18.1	90	71-126	
Bromoform	20.0	25.4	127	58-128	
Bromomethane	20.0	18.1	90	33-150	
Carbon disulfide	20.0	18.3	91	35-150	
Carbon tetrachloride	20.0	27.2	136	65-131	*
Chlorobenzene	20.0	19.7	98	80-120	
Chlorobromomethane	20.0	18.6	93	71-134	
Chlorodibromomethane	20.0	24.3	121	73-121	
Chloroethane	20.0	16.8	84	54-150	
Chloroform	20.0	19.9	100	78-125	
Chloromethane	20.0	18.1	90	43-149	
cis-1,2-Dichloroethene	20.0	19.0	95	78-121	
cis-1,3-Dichloropropene	20.0	19.8	99	74-125	
Cyclohexane	20.0	21.0	105	64-142	
Dichlorobromomethane	20.0	20.6	103	76-121	
Dichlorodifluoromethane	20.0	18.1	91	38-144	
Ethylbenzene	20.0	19.3	97	78-120	
Ethylene Dibromide	20.0	17.6	88	79-126	
Isopropylbenzene	20.0	19.9	99	79-125	
Methyl acetate	40.0	30.3	76	50-147	
Methyl tert-butyl ether	20.0	17.9	90	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT85018.D

Lab ID: LCS 460-995734/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	20.6	103	63-138	
Methylene Chloride	20.0	18.3	92	74-127	
m-Xylene & p-Xylene	20.0	20.0	100	78-120	
n-Butylbenzene	20.0	20.3	102	69-135	
N-Propylbenzene	20.0	19.5	98	68-129	
o-Xylene	20.0	19.7	99	78-120	
sec-Butylbenzene	20.0	20.0	100	77-129	
Styrene	20.0	19.7	99	82-127	
tert-Butylbenzene	20.0	19.4	97	78-120	
Tetrachloroethene	20.0	20.5	103	70-127	
Toluene	20.0	17.5	88	78-120	
trans-1,2-Dichloroethene	20.0	19.2	96	70-126	
trans-1,3-Dichloropropene	20.0	20.1	100	71-127	
Trichloroethene	20.0	19.7	98	73-121	
Trichlorofluoromethane	20.0	19.7	99	62-134	
Vinyl chloride	20.0	17.6	88	55-144	
Xylenes, Total	40.0	39.7	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT85052.D

Lab ID: LCS 460-995829/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	23.9	119	72-128	
1,1,2,2-Tetrachloroethane	20.0	19.7	99	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.6	118	65-142	
1,1,2-Trichloroethane	20.0	19.8	99	74-125	
1,1-Dichloroethane	20.0	21.7	109	73-130	
1,1-Dichloroethene	20.0	20.5	102	68-133	
1,2,3-Trichlorobenzene	20.0	22.0	110	55-150	
1,2,4-Trichlorobenzene	20.0	23.4	117	67-132	
1,2,4-Trimethylbenzene	20.0	23.0	115	75-125	
1,2-Dibromo-3-Chloropropane	20.0	20.9	104	58-132	
1,2-Dichlorobenzene	20.0	22.2	111	80-120	
1,2-Dichloroethane	20.0	19.3	97	66-129	
1,2-Dichloropropane	20.0	21.4	107	72-128	
1,3,5-Trimethylbenzene	20.0	22.7	114	75-125	
1,3-Dichlorobenzene	20.0	21.8	109	80-120	
1,4-Dichlorobenzene	20.0	22.1	111	80-120	
2-Butanone (MEK)	100	101	101	65-142	
2-Hexanone	100	108	108	72-134	
4-Methyl-2-pentanone (MIBK)	100	110	110	77-130	
Acetone	100	91.7	92	60-133	
Benzene	20.0	21.5	107	71-126	
Bromoform	20.0	26.9	135	58-128	*
Bromomethane	20.0	21.1	105	33-150	
Carbon disulfide	20.0	22.3	111	35-150	
Carbon tetrachloride	20.0	30.3	152	65-131	*
Chlorobenzene	20.0	22.4	112	80-120	
Chlorobromomethane	20.0	20.7	103	71-134	
Chlorodibromomethane	20.0	25.3	126	73-121	*
Chloroethane	20.0	19.1	96	54-150	
Chloroform	20.0	21.7	109	78-125	
Chloromethane	20.0	20.5	103	43-149	
cis-1,2-Dichloroethene	20.0	21.2	106	78-121	
cis-1,3-Dichloropropene	20.0	22.8	114	74-125	
Cyclohexane	20.0	23.9	119	64-142	
Dichlorobromomethane	20.0	22.7	114	76-121	
Dichlorodifluoromethane	20.0	19.5	97	38-144	
Ethylbenzene	20.0	22.6	113	78-120	
Ethylene Dibromide	20.0	19.9	100	79-126	
Isopropylbenzene	20.0	23.1	116	79-125	
Methyl acetate	40.0	31.2	78	50-147	
Methyl tert-butyl ether	20.0	19.8	99	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT85052.D

Lab ID: LCS 460-995829/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	24.0	120	63-138	
Methylene Chloride	20.0	20.5	102	74-127	
m-Xylene & p-Xylene	20.0	23.6	118	78-120	
n-Butylbenzene	20.0	24.0	120	69-135	
N-Propylbenzene	20.0	23.2	116	68-129	
o-Xylene	20.0	22.8	114	78-120	
sec-Butylbenzene	20.0	23.9	119	77-129	
Styrene	20.0	23.0	115	82-127	
tert-Butylbenzene	20.0	22.7	114	78-120	
Tetrachloroethene	20.0	23.2	116	70-127	
Toluene	20.0	20.0	100	78-120	
trans-1,2-Dichloroethene	20.0	22.4	112	70-126	
trans-1,3-Dichloropropene	20.0	22.1	110	71-127	
Trichloroethene	20.0	22.1	111	73-121	
Trichlorofluoromethane	20.0	22.4	112	62-134	
Vinyl chloride	20.0	20.3	101	55-144	
Xylenes, Total	40.0	46.4	116	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT85041.D

Lab ID: 460-311225-1 MS Client ID: MW-06_20240910 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	22.9	114	72-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	19.5	98	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	22.8	114	65-142	
1,1,2-Trichloroethane	20.0	1.0 U	20.8	104	74-125	
1,1-Dichloroethane	20.0	1.0 U	20.8	104	73-130	
1,1-Dichloroethene	20.0	1.0 U	20.6	103	68-133	
1,2,3-Trichlorobenzene	20.0	1.0 U	21.0	105	55-150	
1,2,4-Trichlorobenzene	20.0	1.0 U	22.2	111	67-132	
1,2,4-Trimethylbenzene	20.0	1.0 U	22.8	114	75-125	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	20.0	100	58-132	
1,2-Dichlorobenzene	20.0	1.0 U	21.4	107	80-120	
1,2-Dichloroethane	20.0	1.0 U	17.8	89	66-129	
1,2-Dichloropropane	20.0	1.0 U	20.8	104	72-128	
1,3,5-Trimethylbenzene	20.0	1.0 U	22.3	112	75-125	
1,3-Dichlorobenzene	20.0	1.0 U	20.8	104	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	21.3	107	80-120	
2-Butanone (MEK)	100	5.0 U	102	102	65-142	
2-Hexanone	100	5.0 U	114	114	72-134	
4-Methyl-2-pentanone (MIBK)	100	5.0 U	119	119	77-130	
Acetone	100	5.0 U	90.2	90	60-133	
Benzene	20.0	1.0 U	20.9	104	71-126	
Bromoform	20.0	1.0 U	24.2	121	58-128	*
Bromomethane	20.0	1.0 U	19.1	96	33-150	
Carbon disulfide	20.0	1.0 U	18.8	94	35-150	
Carbon tetrachloride	20.0	1.0 U	27.9	140	65-131	*
Chlorobenzene	20.0	1.0 U	21.5	107	80-120	
Chlorobromomethane	20.0	1.0 U	18.9	94	71-134	
Chlorodibromomethane	20.0	1.0 U	24.2	121	73-121	*
Chloroethane	20.0	1.0 U	18.3	91	54-150	
Chloroform	20.0	0.86 J	21.3	102	78-125	
Chloromethane	20.0	1.0 U	19.1	96	43-149	
cis-1,2-Dichloroethene	20.0	0.28 J	20.2	100	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	20.8	104	74-125	
Cyclohexane	20.0	1.0 U	24.3	122	64-142	
Dichlorobromomethane	20.0	1.0 U	20.9	104	76-121	
Dichlorodifluoromethane	20.0	1.0 U	18.7	94	38-144	
Ethylbenzene	20.0	1.0 U	22.0	110	78-120	
Ethylene Dibromide	20.0	1.0 U	19.3	96	79-126	
Isopropylbenzene	20.0	1.0 U	22.5	113	79-125	
Methyl acetate	40.0	5.0 U	27.9	70	50-147	
Methyl tert-butyl ether	20.0	1.0 U	18.6	93	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT85041.D

Lab ID: 460-311225-1 MS Client ID: MW-06_20240910 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	1.0 U	23.6	118	63-138	
Methylene Chloride	20.0	1.0 U	19.2	96	74-127	
m-Xylene & p-Xylene	20.0	1.0 U	22.4	112	78-120	
n-Butylbenzene	20.0	1.0 U	22.9	114	69-135	
N-Propylbenzene	20.0	1.0 U	22.7	113	68-129	
o-Xylene	20.0	1.0 U	22.6	113	78-120	
sec-Butylbenzene	20.0	1.0 U	23.4	117	77-129	
Styrene	20.0	1.0 U	21.6	108	82-127	
tert-Butylbenzene	20.0	1.0 U	22.5	112	78-120	
Tetrachloroethene	20.0	84	91.1	35	70-127	*
Toluene	20.0	1.0 U	19.4	97	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	21.1	105	70-126	
trans-1,3-Dichloropropene	20.0	1.0 U	19.4	97	71-127	
Trichloroethene	20.0	0.86 J	21.6	104	73-121	
Trichlorofluoromethane	20.0	1.0 U	20.2	101	62-134	
Vinyl chloride	20.0	1.0 U	18.5	93	55-144	
Xylenes, Total	40.0	2.0 U	45.0	112	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT85080.D

Lab ID: 460-310812-A-2 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	23.1	116	72-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	18.6	93	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	22.4	112	65-142	
1,1,2-Trichloroethane	20.0	1.0 U	18.6	93	74-125	
1,1-Dichloroethane	20.0	1.0 U	21.1	105	73-130	
1,1-Dichloroethene	20.0	1.0 U	20.9	105	68-133	
1,2,3-Trichlorobenzene	20.0	1.0 U	19.8	99	55-150	
1,2,4-Trichlorobenzene	20.0	1.0 U	21.7	109	67-132	
1,2,4-Trimethylbenzene	20.0	1.0 U	22.1	110	75-125	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	19.0	95	58-132	
1,2-Dichlorobenzene	20.0	1.0 U	21.0	105	80-120	
1,2-Dichloroethane	20.0	1.0 U	18.1	90	66-129	
1,2-Dichloropropane	20.0	1.0 U	21.0	105	72-128	
1,3,5-Trimethylbenzene	20.0	1.0 U	21.9	110	75-125	
1,3-Dichlorobenzene	20.0	1.0 U	20.6	103	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	20.9	105	80-120	
2-Butanone (MEK)	100	5.0 U	98.2	98	65-142	
2-Hexanone	100	5.0 U	110	110	72-134	
4-Methyl-2-pentanone (MIBK)	100	5.0 U	113	113	77-130	
Acetone	100	5.0 U	86.4	86	60-133	
Benzene	20.0	1.0 U	20.7	104	71-126	
Bromoform	20.0	1.0 U	23.2	116	58-128	
Bromomethane	20.0	1.0 U	19.5	97	33-150	
Carbon disulfide	20.0	1.0 U	19.3	97	35-150	
Carbon tetrachloride	20.0	1.0 U	28.1	140	65-131	*
Chlorobenzene	20.0	1.0 U	21.6	108	80-120	
Chlorobromomethane	20.0	1.0 U	19.7	98	71-134	
Chlorodibromomethane	20.0	1.0 U	22.8	114	73-121	
Chloroethane	20.0	1.0 U	18.5	93	54-150	
Chloroform	20.0	5.1	25.1	100	78-125	
Chloromethane	20.0	1.0 U	19.1	95	43-149	
cis-1,2-Dichloroethene	20.0	1.0 U	20.2	101	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	20.3	101	74-125	
Cyclohexane	20.0	1.0 U	23.1	115	64-142	
Dichlorobromomethane	20.0	1.0 U	20.7	103	76-121	
Dichlorodifluoromethane	20.0	1.0 U	17.5	88	38-144	
Ethylbenzene	20.0	1.0 U	21.8	109	78-120	
Ethylene Dibromide	20.0	1.0 U	18.7	93	79-126	
Isopropylbenzene	20.0	1.0 U	21.9	110	79-125	
Methyl acetate	40.0	5.0 U	27.5	69	50-147	
Methyl tert-butyl ether	20.0	1.0 U	19.3	96	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT85080.D

Lab ID: 460-310812-A-2 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	1.0 U	23.0	115	63-138	
Methylene Chloride	20.0	1.0 U	20.7	104	74-127	
m-Xylene & p-Xylene	20.0	1.0 U	22.3	112	78-120	
n-Butylbenzene	20.0	1.0 U	22.9	114	69-135	
N-Propylbenzene	20.0	1.0 U	22.1	111	68-129	
o-Xylene	20.0	1.0 U	22.0	110	78-120	
sec-Butylbenzene	20.0	1.0 U	22.8	114	77-129	
Styrene	20.0	1.0 U	21.6	108	82-127	
tert-Butylbenzene	20.0	1.0 U	21.9	110	78-120	
Tetrachloroethene	20.0	0.38 J	21.7	107	70-127	
Toluene	20.0	1.0 U	19.3	96	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	21.2	106	70-126	
trans-1,3-Dichloropropene	20.0	1.0 U	19.3	96	71-127	
Trichloroethene	20.0	1.0 U	21.3	106	73-121	
Trichlorofluoromethane	20.0	1.0 U	20.6	103	62-134	
Vinyl chloride	20.0	1.0 U	19.3	96	55-144	
Xylenes, Total	40.0	2.0 U	44.4	111	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT85042.D

Lab ID: 460-311225-1 MSD Client ID: MW-06_20240910 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.1	100	13	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	17.8	89	9	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.5	108	5	30	65-142	
1,1,2-Trichloroethane	20.0	19.2	96	8	30	74-125	
1,1-Dichloroethane	20.0	18.5	93	11	30	73-130	
1,1-Dichloroethene	20.0	18.4	92	11	30	68-133	
1,2,3-Trichlorobenzene	20.0	18.7	94	11	30	55-150	
1,2,4-Trichlorobenzene	20.0	20.2	101	9	30	67-132	
1,2,4-Trimethylbenzene	20.0	20.4	102	11	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	18.5	93	8	30	58-132	
1,2-Dichlorobenzene	20.0	19.1	95	11	30	80-120	
1,2-Dichloroethane	20.0	15.9	80	11	30	66-129	
1,2-Dichloropropane	20.0	19.0	95	9	30	72-128	
1,3,5-Trimethylbenzene	20.0	20.1	101	10	30	75-125	
1,3-Dichlorobenzene	20.0	19.1	96	8	30	80-120	
1,4-Dichlorobenzene	20.0	19.3	96	10	30	80-120	
2-Butanone (MEK)	100	94.2	94	8	30	65-142	
2-Hexanone	100	102	102	11	30	72-134	
4-Methyl-2-pentanone (MIBK)	100	106	106	11	30	77-130	
Acetone	100	79.7	80	12	30	60-133	
Benzene	20.0	18.9	95	10	30	71-126	
Bromoform	20.0	21.4	107	13	30	58-128	*
Bromomethane	20.0	16.9	85	12	30	33-150	
Carbon disulfide	20.0	16.8	84	11	30	35-150	
Carbon tetrachloride	20.0	24.0	120	15	30	65-131	*
Chlorobenzene	20.0	19.3	97	11	30	80-120	
Chlorobromomethane	20.0	17.7	88	7	30	71-134	
Chlorodibromomethane	20.0	21.0	105	14	30	73-121	*
Chloroethane	20.0	15.9	79	14	30	54-150	
Chloroform	20.0	18.8	90	12	30	78-125	
Chloromethane	20.0	16.8	84	13	30	43-149	
cis-1,2-Dichloroethene	20.0	19.1	94	6	30	78-121	
cis-1,3-Dichloropropene	20.0	18.2	91	14	30	74-125	
Cyclohexane	20.0	21.6	108	12	30	64-142	
Dichlorobromomethane	20.0	18.7	94	11	30	76-121	
Dichlorodifluoromethane	20.0	17.0	85	10	30	38-144	
Ethylbenzene	20.0	19.9	100	10	30	78-120	
Ethylene Dibromide	20.0	16.6	83	15	30	79-126	
Isopropylbenzene	20.0	20.2	101	11	30	79-125	
Methyl acetate	40.0	24.7	62	12	30	50-147	
Methyl tert-butyl ether	20.0	16.8	84	10	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT85042.D

Lab ID: 460-311225-1 MSD Client ID: MW-06_20240910 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	21.6	108	9	30	63-138	
Methylene Chloride	20.0	17.9	90	7	30	74-127	
m-Xylene & p-Xylene	20.0	20.2	101	10	30	78-120	
n-Butylbenzene	20.0	21.3	106	7	30	69-135	
N-Propylbenzene	20.0	20.7	104	9	30	68-129	
o-Xylene	20.0	19.7	98	14	30	78-120	
sec-Butylbenzene	20.0	21.1	105	10	30	77-129	
Styrene	20.0	19.7	98	9	30	82-127	
tert-Butylbenzene	20.0	20.0	100	12	30	78-120	
Tetrachloroethene	20.0	87.0	15	5	30	70-127	*
Toluene	20.0	17.8	89	9	30	78-120	
trans-1,2-Dichloroethene	20.0	19.1	96	10	30	70-126	
trans-1,3-Dichloropropene	20.0	17.7	89	9	30	71-127	
Trichloroethene	20.0	19.6	94	10	30	73-121	
Trichlorofluoromethane	20.0	18.5	92	9	30	62-134	
Vinyl chloride	20.0	16.9	85	9	30	55-144	
Xylenes, Total	40.0	39.9	100	12	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT85081.D

Lab ID: 460-310812-A-2 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	25.1	125	8	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	21.2	106	13	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	24.7	124	10	30	65-142	
1,1,2-Trichloroethane	20.0	21.1	105	12	30	74-125	
1,1-Dichloroethane	20.0	23.0	115	9	30	73-130	
1,1-Dichloroethene	20.0	22.4	112	7	30	68-133	
1,2,3-Trichlorobenzene	20.0	23.0	115	15	30	55-150	
1,2,4-Trichlorobenzene	20.0	24.7	124	13	30	67-132	
1,2,4-Trimethylbenzene	20.0	25.2	126	13	30	75-125	*
1,2-Dibromo-3-Chloropropane	20.0	22.8	114	18	30	58-132	
1,2-Dichlorobenzene	20.0	23.9	119	13	30	80-120	
1,2-Dichloroethane	20.0	19.6	98	8	30	66-129	
1,2-Dichloropropane	20.0	22.6	113	7	30	72-128	
1,3,5-Trimethylbenzene	20.0	24.5	122	11	30	75-125	
1,3-Dichlorobenzene	20.0	23.3	116	12	30	80-120	
1,4-Dichlorobenzene	20.0	23.6	118	12	30	80-120	
2-Butanone (MEK)	100	116	116	16	30	65-142	
2-Hexanone	100	125	125	13	30	72-134	
4-Methyl-2-pentanone (MIBK)	100	130	130	14	30	77-130	
Acetone	100	98.0	98	13	30	60-133	
Benzene	20.0	22.8	114	10	30	71-126	
Bromoform	20.0	26.1	130	12	30	58-128	*
Bromomethane	20.0	20.6	103	6	30	33-150	
Carbon disulfide	20.0	21.5	107	11	30	35-150	
Carbon tetrachloride	20.0	30.3	152	8	30	65-131	*
Chlorobenzene	20.0	23.8	119	10	30	80-120	
Chlorobromomethane	20.0	21.2	106	7	30	71-134	
Chlorodibromomethane	20.0	25.2	126	10	30	73-121	*
Chloroethane	20.0	19.3	96	4	30	54-150	
Chloroform	20.0	27.0	110	7	30	78-125	
Chloromethane	20.0	20.7	104	8	30	43-149	
cis-1,2-Dichloroethene	20.0	22.1	111	9	30	78-121	
cis-1,3-Dichloropropene	20.0	22.7	113	11	30	74-125	
Cyclohexane	20.0	26.2	131	13	30	64-142	
Dichlorobromomethane	20.0	23.1	115	11	30	76-121	
Dichlorodifluoromethane	20.0	19.4	97	10	30	38-144	
Ethylbenzene	20.0	23.4	117	7	30	78-120	
Ethylene Dibromide	20.0	20.6	103	10	30	79-126	
Isopropylbenzene	20.0	24.6	123	11	30	79-125	
Methyl acetate	40.0	30.3	76	10	30	50-147	
Methyl tert-butyl ether	20.0	21.4	107	10	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT85081.D

Lab ID: 460-310812-A-2 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	25.6	128	11	30	63-138	
Methylene Chloride	20.0	22.1	110	6	30	74-127	
m-Xylene & p-Xylene	20.0	24.8	124	11	30	78-120	*
n-Butylbenzene	20.0	25.3	126	10	30	69-135	
N-Propylbenzene	20.0	24.6	123	11	30	68-129	
o-Xylene	20.0	24.0	120	9	30	78-120	
sec-Butylbenzene	20.0	25.7	128	12	30	77-129	
Styrene	20.0	24.0	120	11	30	82-127	
tert-Butylbenzene	20.0	24.7	124	12	30	78-120	*
Tetrachloroethene	20.0	24.7	121	13	30	70-127	
Toluene	20.0	21.3	106	10	30	78-120	
trans-1,2-Dichloroethene	20.0	24.1	120	13	30	70-126	
trans-1,3-Dichloropropene	20.0	21.9	109	13	30	71-127	
Trichloroethene	20.0	23.5	117	10	30	73-121	
Trichlorofluoromethane	20.0	21.8	109	6	30	62-134	
Vinyl chloride	20.0	20.1	100	4	30	55-144	
Xylenes, Total	40.0	48.8	122	10	30	80-120	*

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab File ID: TT85024.D Lab Sample ID: MB 460-995734/38

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS17 Date Analyzed: 09/13/2024 21:35

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-995734/6	TT85018.D	09/13/2024 17:48
MW-06_20240910 MS	460-311225-1 MS	TT85041.D	09/14/2024 03:07
MW-06_20240910 MSD	460-311225-1 MSD	TT85042.D	09/14/2024 03:26
TB-01_20240910	460-311225-6	TT85044.D	09/14/2024 04:05
FB-01_20240910	460-311225-5	TT85045.D	09/14/2024 04:25
DUP-01_20240910	460-311225-4	TT85046.D	09/14/2024 04:44

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab File ID: TT85056.D Lab Sample ID: MB 460-995829/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS17 Date Analyzed: 09/14/2024 07:51

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-995829/4	TT85052.D	09/14/2024 06:32
MW-08_20240910	460-311225-3	TT85059.D	09/14/2024 08:50
MW-07_20240910	460-311225-2	TT85060.D	09/14/2024 09:09
MW-06_20240910	460-311225-1	TT85061.D	09/14/2024 09:29
	460-310812-A-2 MS	TT85080.D	09/14/2024 15:42
	460-310812-A-2 MSD	TT85081.D	09/14/2024 16:01

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab File ID: TT84408.D BFB Injection Date: 08/30/2024

Instrument ID: CVOAMS17 BFB Injection Time: 07:27

Analysis Batch No.: 993368

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	124.1
96	5 - 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.9
174	50 - 200% of m/z 95	80.6
175	5 - 9% of m/z 174	7.4
176	95 -105% of m/z 174	93.7
177	5 - 10% of m/z 176	6.5

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-993368/3	TT84410.D	08/30/2024	8:07
	STD05 460-993368/4	TT84411.D	08/30/2024	8:26
	STD1 460-993368/5	TT84412.D	08/30/2024	8:46
	STD5 460-993368/6	TT84413.D	08/30/2024	9:05
	STD20 460-993368/7	TT84414.D	08/30/2024	9:25
	STD50 460-993368/8	TT84415.D	08/30/2024	9:45
	STD200 460-993368/9	TT84416.D	08/30/2024	10:04
	STD500 460-993368/10	TT84417.D	08/30/2024	10:24
	ICV 460-993368/15	TT84422.D	08/30/2024	13:25

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Sample No.: STD20 460-993368/7 Date Analyzed: 08/30/2024 09:25

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT84414.D Heated Purge: (Y/N) N

Calibration ID: 98428

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		46509	2.83	409216	3.83	750665	4.89
UPPER LIMIT		93018	3.33	818432	4.33	1501330	5.39
LOWER LIMIT		23255	2.33	204608	3.33	375333	4.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-993368/15		59584	2.83	459314	3.83	844651	4.89

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Sample No.: STD20 460-993368/7 Date Analyzed: 08/30/2024 09:25

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT84414.D Heated Purge: (Y/N) N

Calibration ID: 98428

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		34687	5.56	533106	8.26	297836	10.92
UPPER LIMIT		69374	6.06	1066212	8.76	595672	11.42
LOWER LIMIT		17344	5.06	266553	7.76	148918	10.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-993368/15		41999	5.56	589203	8.26	325553	10.92

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Sample No.: CCVIS 460-995734/4 Date Analyzed: 09/13/2024 17:02

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT85016.D Heated Purge: (Y/N) N

Calibration ID: 98428

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		32947	2.83	255082	3.84	570402	4.89
UPPER LIMIT		65894	3.33	510164	4.34	1140804	5.39
LOWER LIMIT		16474	2.33	127541	3.34	285201	4.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-995734/6		34471	2.83	262292	3.84	585625	4.89
MB 460-995734/38		32681	2.81	240346	3.83	569059	4.89
460-311225-1 MS	MW-06_20240910 MS	42725	2.83	306930	3.83	776208	4.89
460-311225-1 MSD	MW-06_20240910 MSD	42472	2.83	312327	3.83	783458	4.89
460-311225-6	TB-01_20240910	41234	2.83	299436	3.83	743040	4.89
460-311225-5	FB-01_20240910	43629	2.83	305441	3.83	745598	4.89
460-311225-4	DUP-01_20240910	42788	2.83	320003	3.84	766658	4.89

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Sample No.: CCVIS 460-995734/4 Date Analyzed: 09/13/2024 17:02

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT85016.D Heated Purge: (Y/N) N

Calibration ID: 98428

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		22802	5.56	409432	8.26	236147	10.92
UPPER LIMIT		45604	6.06	818864	8.76	472294	11.42
LOWER LIMIT		11401	5.06	204716	7.76	118074	10.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-995734/6		23159	5.56	421659	8.26	242980	10.92
MB 460-995734/38		21813	5.56	404559	8.26	225429	10.92
460-311225-1 MS	MW-06_20240910 MS	25946	5.56	538801	8.26	293112	10.92
460-311225-1 MSD	MW-06_20240910 MSD	27904	5.56	543822	8.26	295280	10.92
460-311225-6	TB-01_20240910	28339	5.56	517374	8.26	280384	10.92
460-311225-5	FB-01_20240910	30392	5.56	516293	8.26	281384	10.92
460-311225-4	DUP-01_20240910	27542	5.56	533402	8.26	290054	10.92

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Sample No.: CCVIS 460-995829/3 Date Analyzed: 09/14/2024 06:13

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT85051.D Heated Purge: (Y/N) N

Calibration ID: 98428

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		34665	2.84	245331	3.84	614098	4.89
UPPER LIMIT		69330	3.34	490662	4.34	1228196	5.39
LOWER LIMIT		17333	2.34	122666	3.34	307049	4.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-995829/4		37124	2.82	272459	3.83	637970	4.89
MB 460-995829/8		38184	2.83	267997	3.83	621637	4.89
460-311225-3	MW-08_20240910	32867	2.84	230934	3.84	573087	4.89
460-311225-2	MW-07_20240910	29697	2.84	216948	3.83	553387	4.89
460-311225-1	MW-06_20240910	32717	2.83	232206	3.83	574419	4.89
460-310812-A-2 MS		39369	2.84	291589	3.83	730796	4.89
460-310812-A-2 MSD		39738	2.82	278464	3.83	704095	4.89

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Sample No.: CCVIS 460-995829/3 Date Analyzed: 09/14/2024 06:13

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT85051.D Heated Purge: (Y/N) N

Calibration ID: 98428

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		24429	5.56	437104	8.26	246507	10.92
UPPER LIMIT		48858	6.06	874208	8.76	493014	11.42
LOWER LIMIT		12215	5.06	218552	7.76	123254	10.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-995829/4		24844	5.56	445501	8.26	252033	10.92
MB 460-995829/8		25536	5.56	436405	8.26	246846	10.92
460-311225-3	MW-08_20240910	23463	5.56	405676	8.26	229947	10.92
460-311225-2	MW-07_20240910	20778	5.57	399104	8.26	220827	10.92
460-311225-1	MW-06_20240910	21945	5.56	407642	8.26	225308	10.92
460-310812-A-2 MS		29556	5.56	516740	8.26	286222	10.92
460-310812-A-2 MSD		28547	5.56	495316	8.26	270057	10.92

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-06_20240910 | Lab Sample ID: 460-311225-1

Matrix: Water | Lab File ID: TT85061.D

Analysis Method: 8260D | Date Collected: 09/10/2024 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 09:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U *	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U *	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.86	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.28	J	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-06_20240910 | Lab Sample ID: 460-311225-1

Matrix: Water | Lab File ID: TT85061.D

Analysis Method: 8260D | Date Collected: 09/10/2024 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 09:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	84		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.86	J	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-06_20240910 | Lab Sample ID: 460-311225-1

Matrix: Water | Lab File ID: TT85061.D

Analysis Method: 8260D | Date Collected: 09/10/2024 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 09:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85061.D
Lims ID: 460-311225-A-1
Client ID: MW-06_20240910
Sample Type: Client
Inject. Date: 14-Sep-2024 09:29:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-311225-A-1
Misc. Info.: 460-0180834-013
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 12:10:26 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: FK2C Date: 14-Sep-2024 10:12:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.826	2.844	-0.018	0	32717	1000.0	
* 42 2-Butanone-d5	46	3.832	3.838	-0.006	0	232206	250.0	
44 cis-1,2-Dichloroethene	96	3.868	3.881	-0.013	86	909	0.2752	
52 Chloroform	83	4.137	4.149	-0.012	96	4162	0.8638	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.295	-0.006	98	143288	51.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.630	-0.006	0	157722	48.0	
* 66 Fluorobenzene	96	4.886	4.893	-0.007	99	574419	50.0	
68 Trichloroethene	95	5.222	5.228	-0.006	95	2338	0.8581	
* 72 1,4-Dioxane-d8	96	5.563	5.557	0.006	0	21945	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	544947	49.9	
88 Tetrachloroethene	166	7.185	7.185	0.000	98	225418	84.1	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	407642	50.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	95	171473	50.0	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	225308	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 16-Sep-2024 12:10:27 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85061.D

Injection Date: 14-Sep-2024 09:29:30 Instrument ID: CVOAMS17

Lims ID: 460-311225-A-1 Lab Sample ID: 460-311225-1

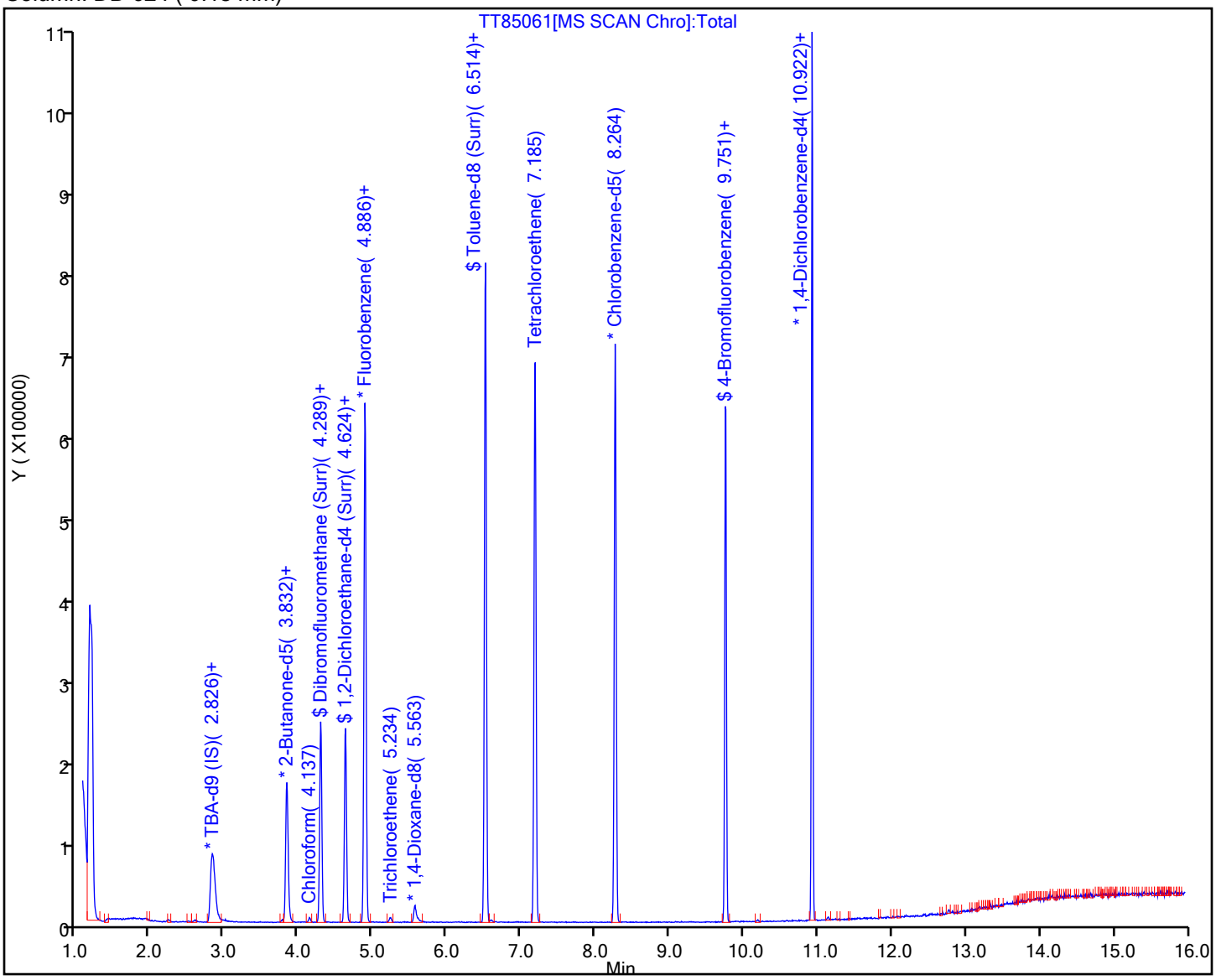
Client ID: MW-06_20240910

Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 16-Sep-2024 12:10:27 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85061.D
Lims ID: 460-311225-A-1
Client ID: MW-06_20240910
Sample Type: Client
Inject. Date: 14-Sep-2024 09:29:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-311225-A-1
Misc. Info.: 460-0180834-013
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 12:10:26 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: FK2C Date: 14-Sep-2024 10:12:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.5	103.09
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.0	95.98
$ 83 Toluene-d8 (Surr)	50.0	49.9	99.81
$ 105 4-Bromofluorobenzene	50.0	50.0	100.06

Report Date: 16-Sep-2024 12:10:27 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85061.D

Injection Date: 14-Sep-2024 09:29:30 Instrument ID: CVOAMS17

Lims ID: 460-311225-A-1 Lab Sample ID: 460-311225-1

Client ID: MW-06_20240910

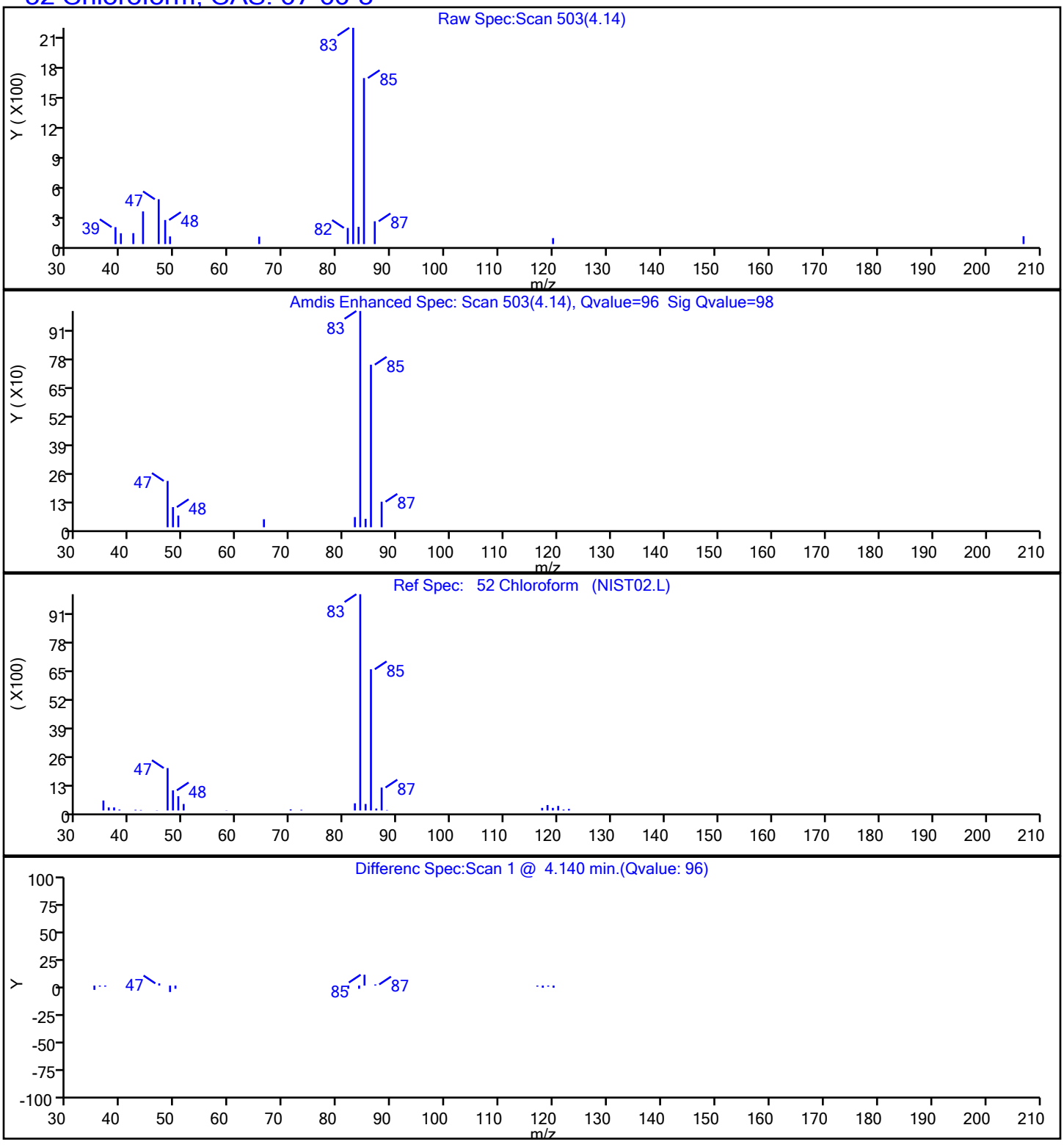
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

52 Chloroform, CAS: 67-66-3



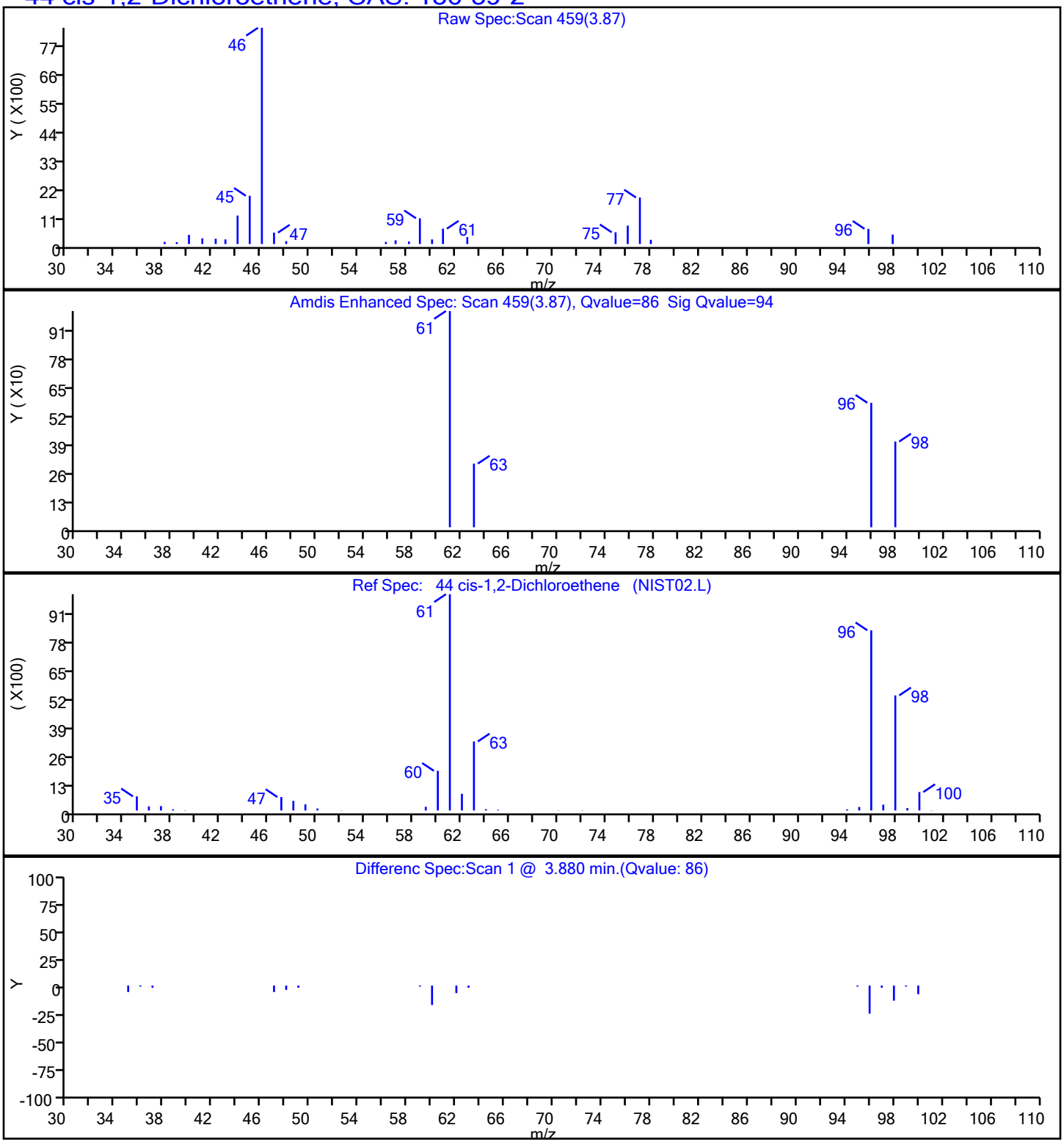
Report Date: 16-Sep-2024 12:10:27 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85061.D

Injection Date:	14-Sep-2024 09:29:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-A-1	Lab Sample ID:	460-311225-1		
Client ID:	MW-06_20240910				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

44 cis-1,2-Dichloroethene, CAS: 156-59-2



Report Date: 16-Sep-2024 12:10:27 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85061.D

Injection Date: 14-Sep-2024 09:29:30 Instrument ID: CVOAMS17

Lims ID: 460-311225-A-1 Lab Sample ID: 460-311225-1

Client ID: MW-06_20240910

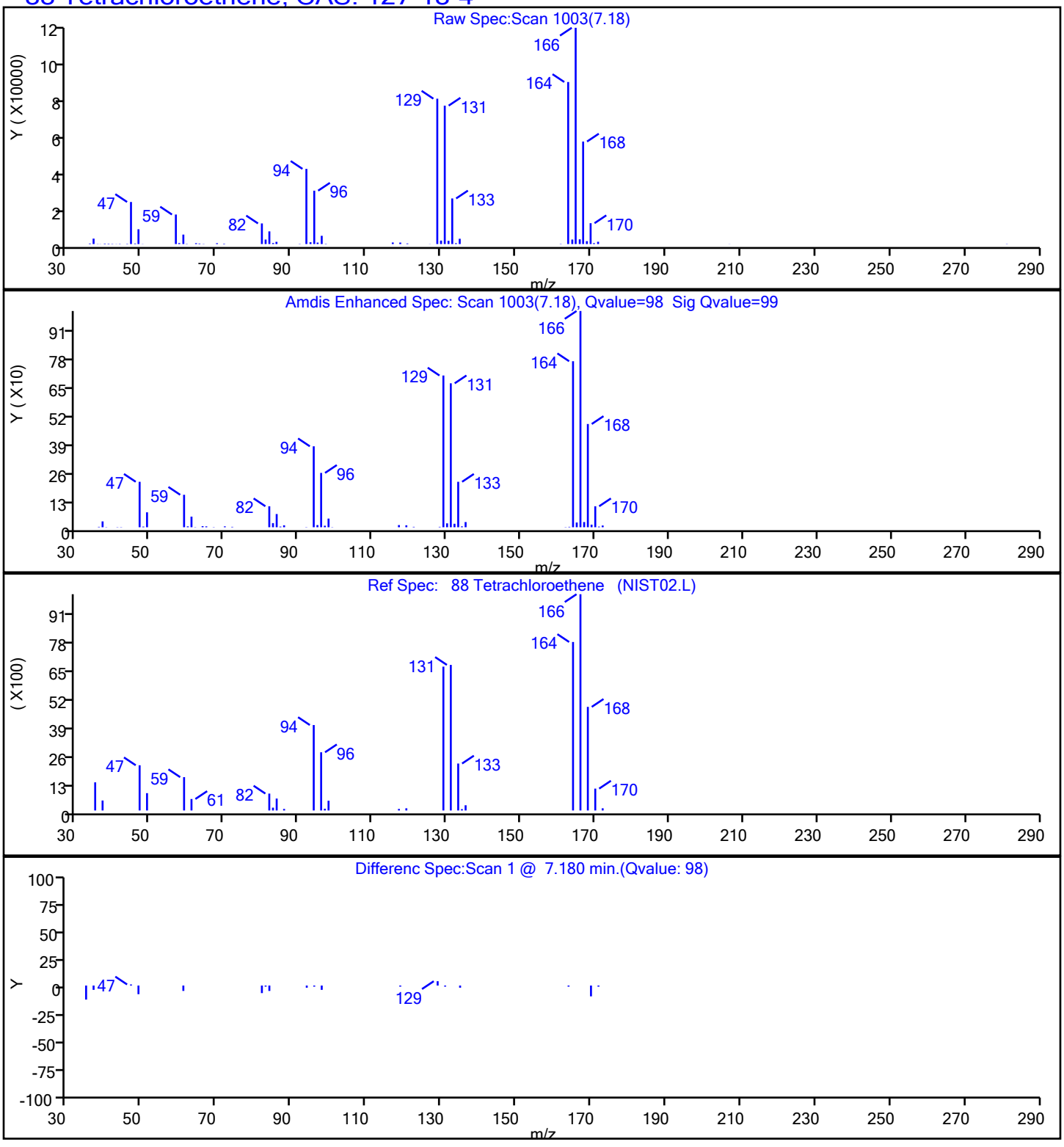
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

88 Tetrachloroethene, CAS: 127-18-4



Report Date: 16-Sep-2024 12:10:27 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85061.D

Injection Date: 14-Sep-2024 09:29:30 Instrument ID: CVOAMS17

Lims ID: 460-311225-A-1 Lab Sample ID: 460-311225-1

Client ID: MW-06_20240910

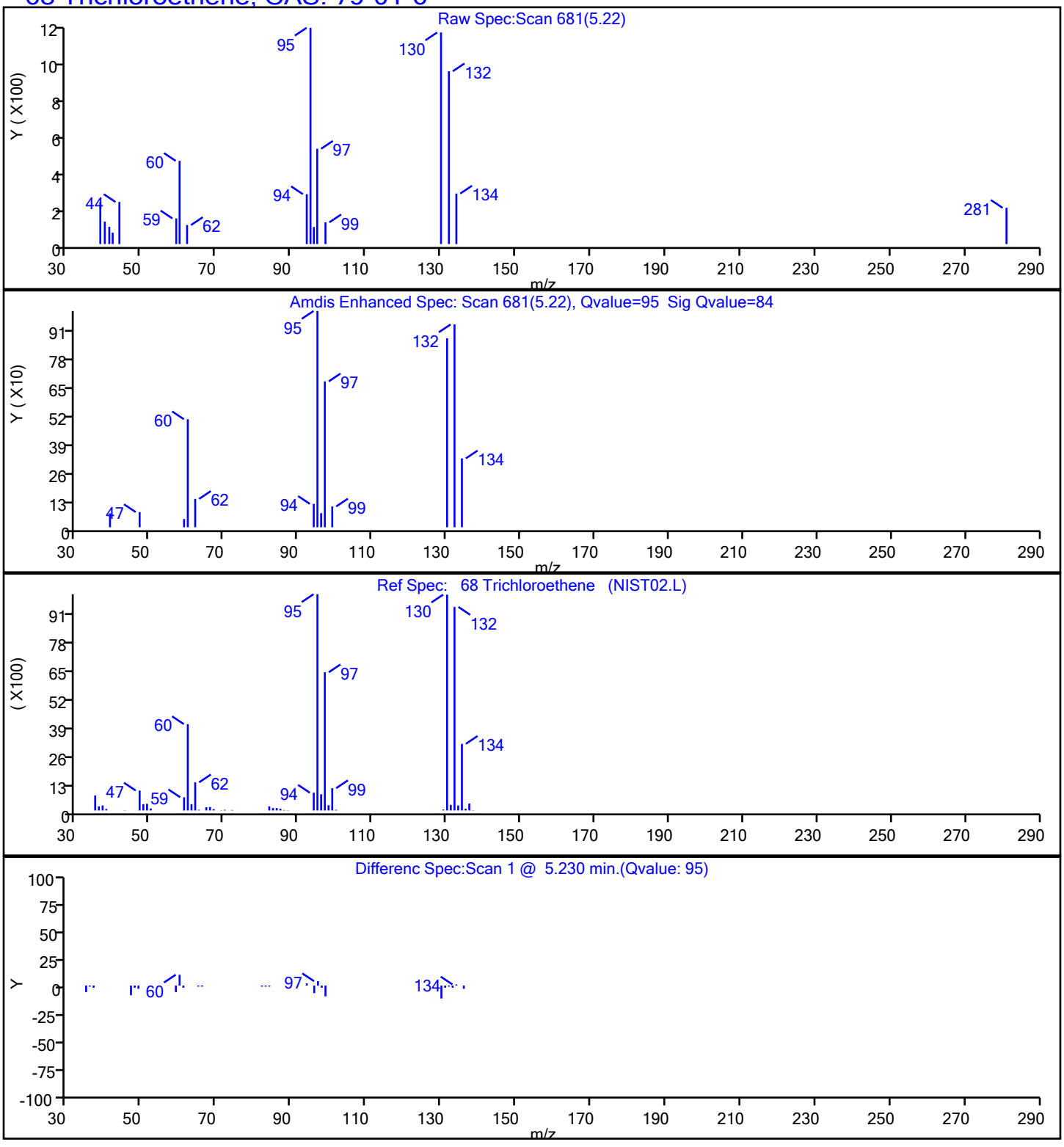
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

68 Trichloroethene, CAS: 79-01-6



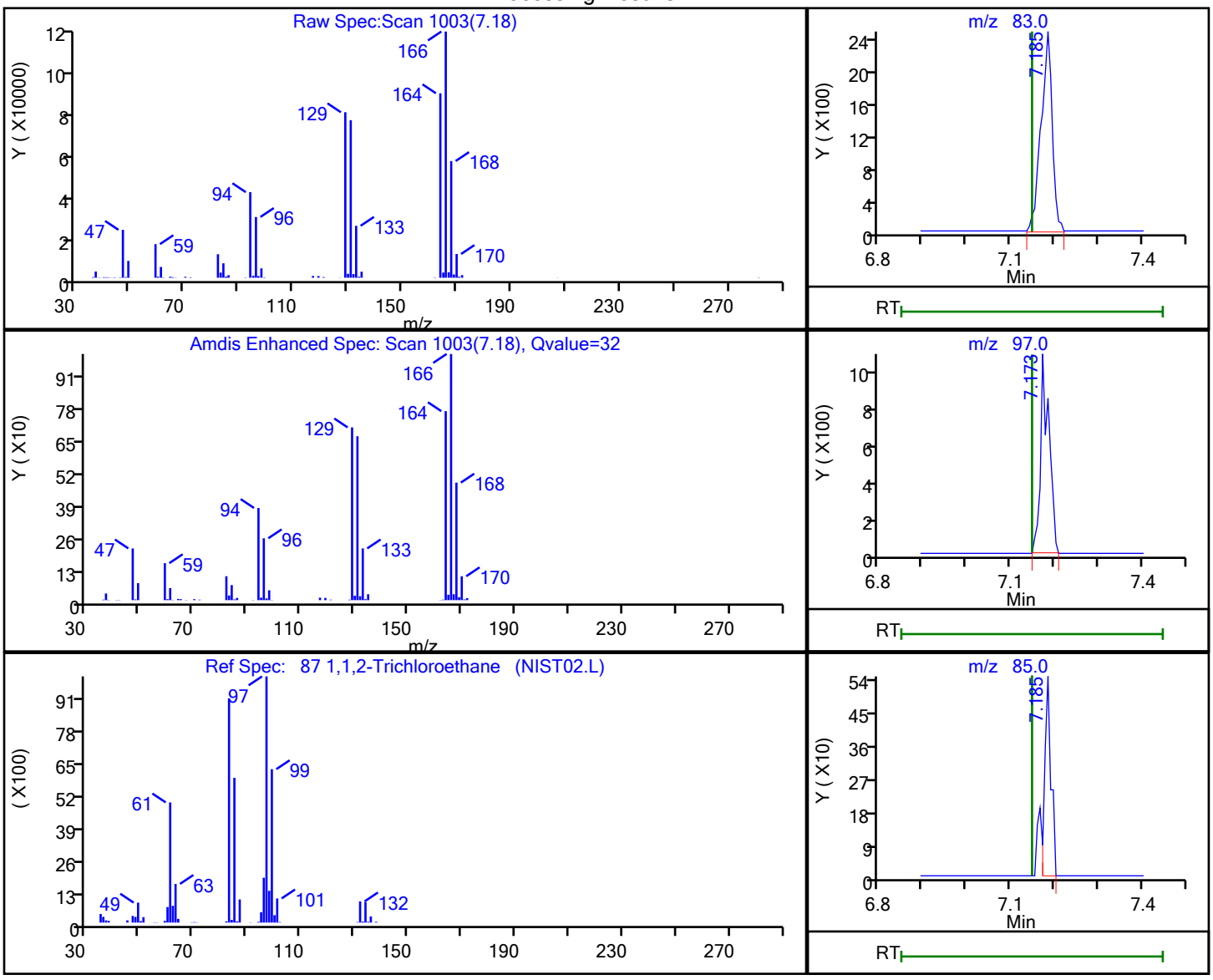
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85061.D				
Injection Date:	14-Sep-2024 09:29:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-A-1	Lab Sample ID:	460-311225-1		
Client ID:	MW-06_20240910				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.18	83.00	4363	2.076947
7.17	97.00	1402	
7.18	85.00	537	

Reviewer: FK2C, 14-Sep-2024 10:12:28 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-07_20240910 | Lab Sample ID: 460-311225-2

Matrix: Water | Lab File ID: TT85060.D

Analysis Method: 8260D | Date Collected: 09/10/2024 13:10

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 09:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U *	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U *	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.74	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.23	J	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-07_20240910 | Lab Sample ID: 460-311225-2

Matrix: Water | Lab File ID: TT85060.D

Analysis Method: 8260D | Date Collected: 09/10/2024 13:10

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 09:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	J	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	42		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.32	J	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-07_20240910 | Lab Sample ID: 460-311225-2

Matrix: Water | Lab File ID: TT85060.D

Analysis Method: 8260D | Date Collected: 09/10/2024 13:10

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 09:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85060.D
Lims ID: 460-311225-B-2
Client ID: MW-07_20240910
Sample Type: Client
Inject. Date: 14-Sep-2024 09:09:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-311225-B-2
Misc. Info.: 460-0180834-012
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 12:09:55 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: FK2C Date: 14-Sep-2024 10:12:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.838	2.844	-0.006	0	29697	1000.0	
33 Methyl tert-butyl ether	73	2.978	2.997	-0.019	52	1766	0.2190	
* 42 2-Butanone-d5	46	3.832	3.838	-0.006	0	216948	250.0	
44 cis-1,2-Dichloroethene	96	3.875	3.881	-0.007	27	718	0.2256	
52 Chloroform	83	4.143	4.149	-0.006	99	3450	0.7432	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.295	0.000	97	136528	51.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.630	-0.006	0	148486	46.9	
* 66 Fluorobenzene	96	4.893	4.893	0.000	99	553387	50.0	
68 Trichloroethene	95	5.240	5.228	0.012	26	844	0.3215	M
* 72 1,4-Dioxane-d8	96	5.569	5.557	0.012	0	20778	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	524936	49.1	
88 Tetrachloroethene	166	7.185	7.185	0.000	97	110463	42.1	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	399104	50.0	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	95	168769	50.3	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	220827	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 16-Sep-2024 12:09:56 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85060.D

Injection Date: 14-Sep-2024 09:09:30 Instrument ID: CVOAMS17

Lims ID: 460-311225-B-2 Lab Sample ID: 460-311225-2

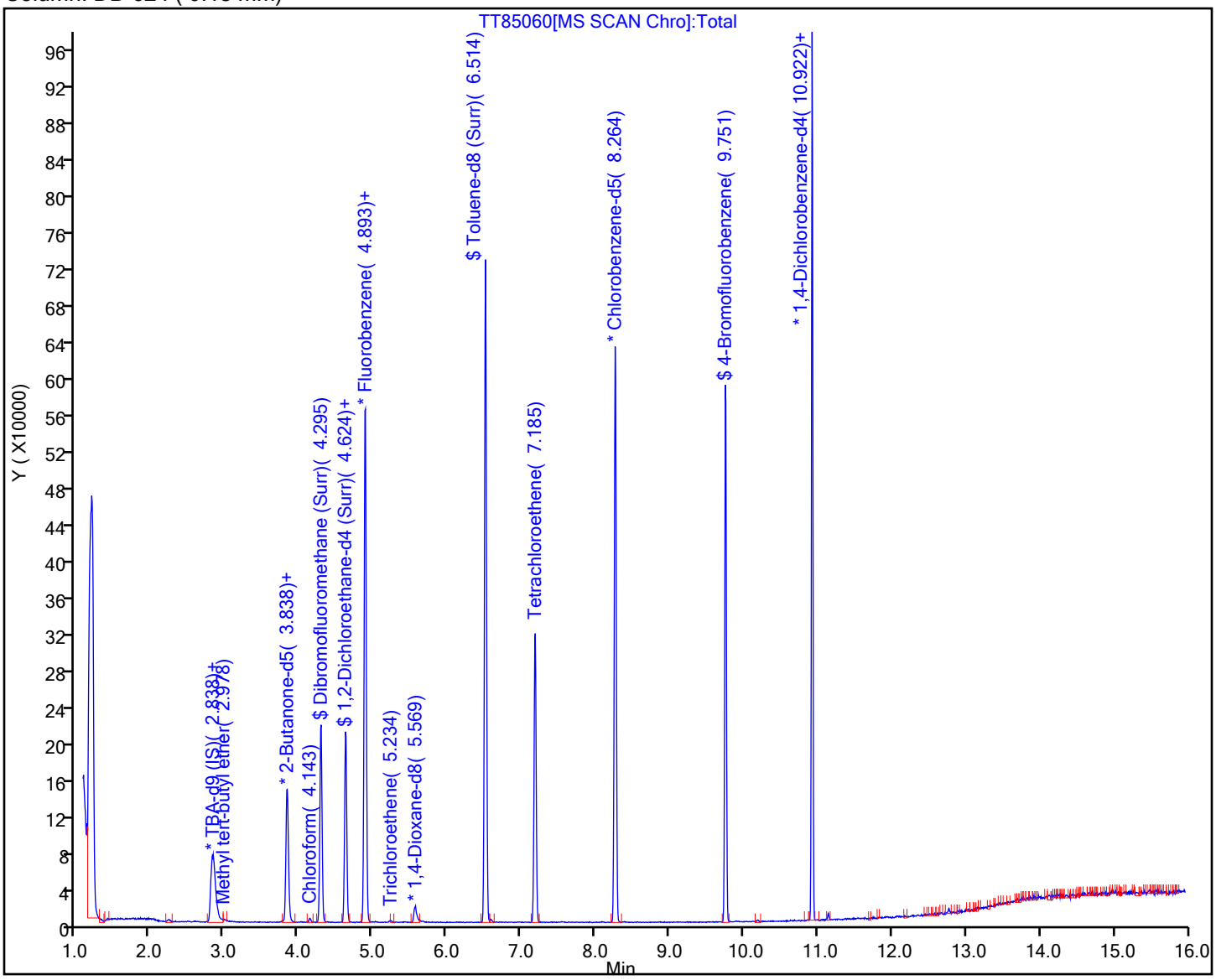
Client ID: MW-07_20240910

Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 16-Sep-2024 12:09:56 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85060.D				
Lims ID:	460-311225-B-2				
Client ID:	MW-07_20240910				
Sample Type:	Client				
Inject. Date:	14-Sep-2024 09:09:30	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-311225-B-2				
Misc. Info.:	460-0180834-012				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	16-Sep-2024 12:09:55	Calib Date:	30-Aug-2024 10:24:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1682				

First Level Reviewer: FK2C Date: 14-Sep-2024 10:12:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.0	101.96
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	46.9	93.79
$ 83 Toluene-d8 (Surr)	50.0	49.1	98.20
$ 105 4-Bromofluorobenzene	50.0	50.3	100.59

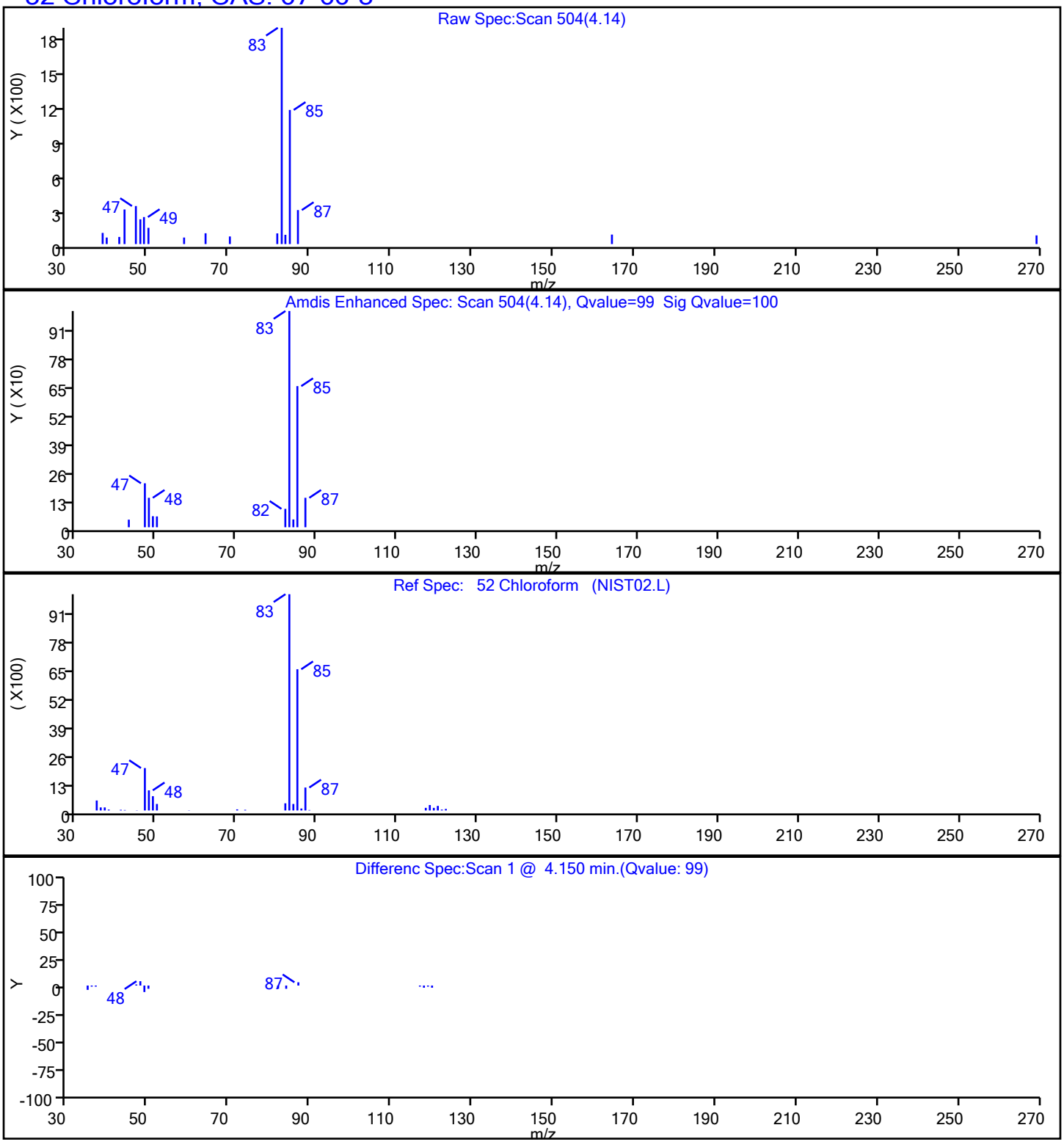
Report Date: 16-Sep-2024 12:09:56 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85060.D

Injection Date:	14-Sep-2024 09:09:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-B-2	Lab Sample ID:	460-311225-2		
Client ID:	MW-07_20240910				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

52 Chloroform, CAS: 67-66-3



Report Date: 16-Sep-2024 12:09:56 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85060.D

Injection Date: 14-Sep-2024 09:09:30 Instrument ID: CVOAMS17

Lims ID: 460-311225-B-2 Lab Sample ID: 460-311225-2

Client ID: MW-07_20240910

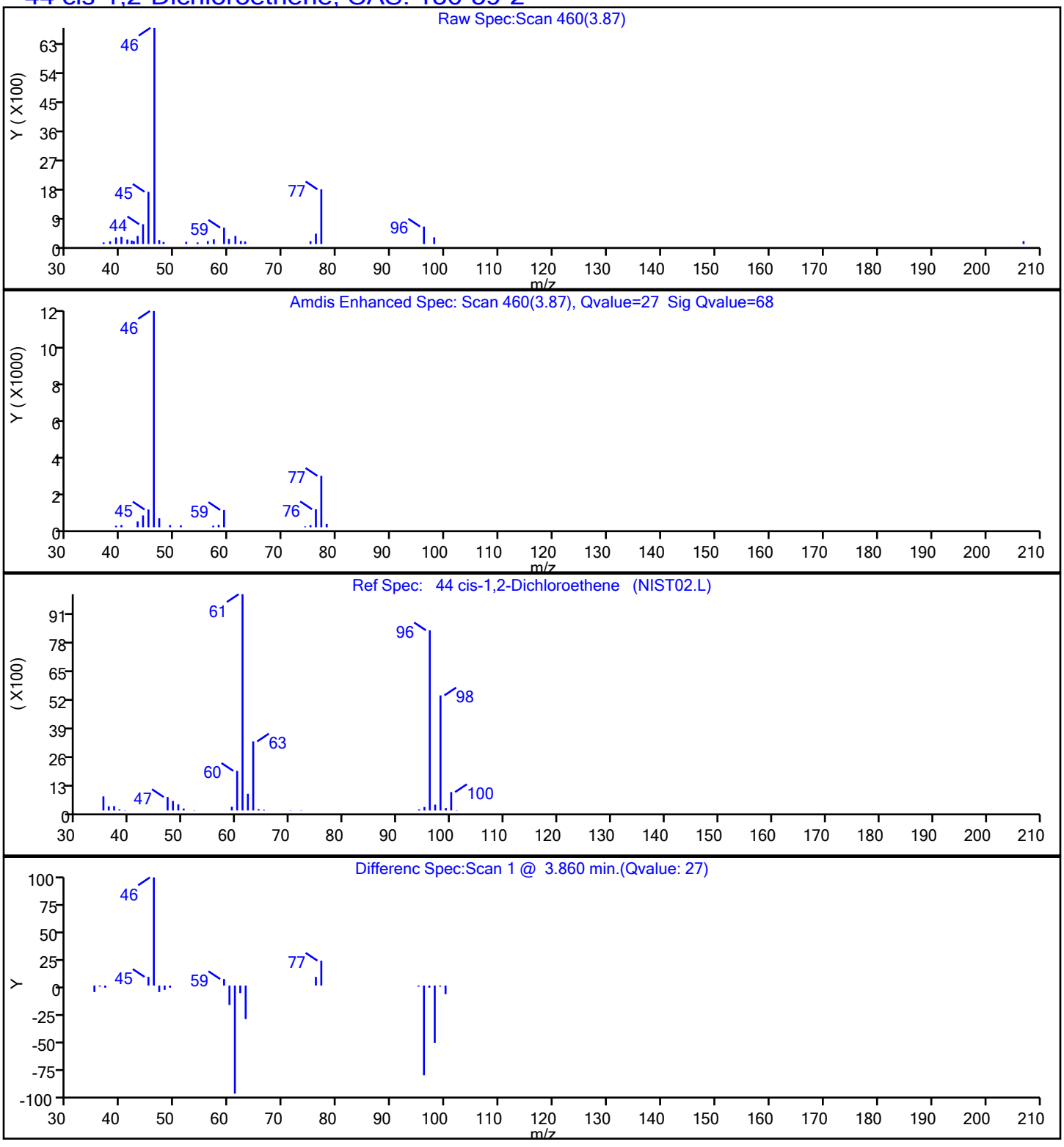
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

44 cis-1,2-Dichloroethene, CAS: 156-59-2



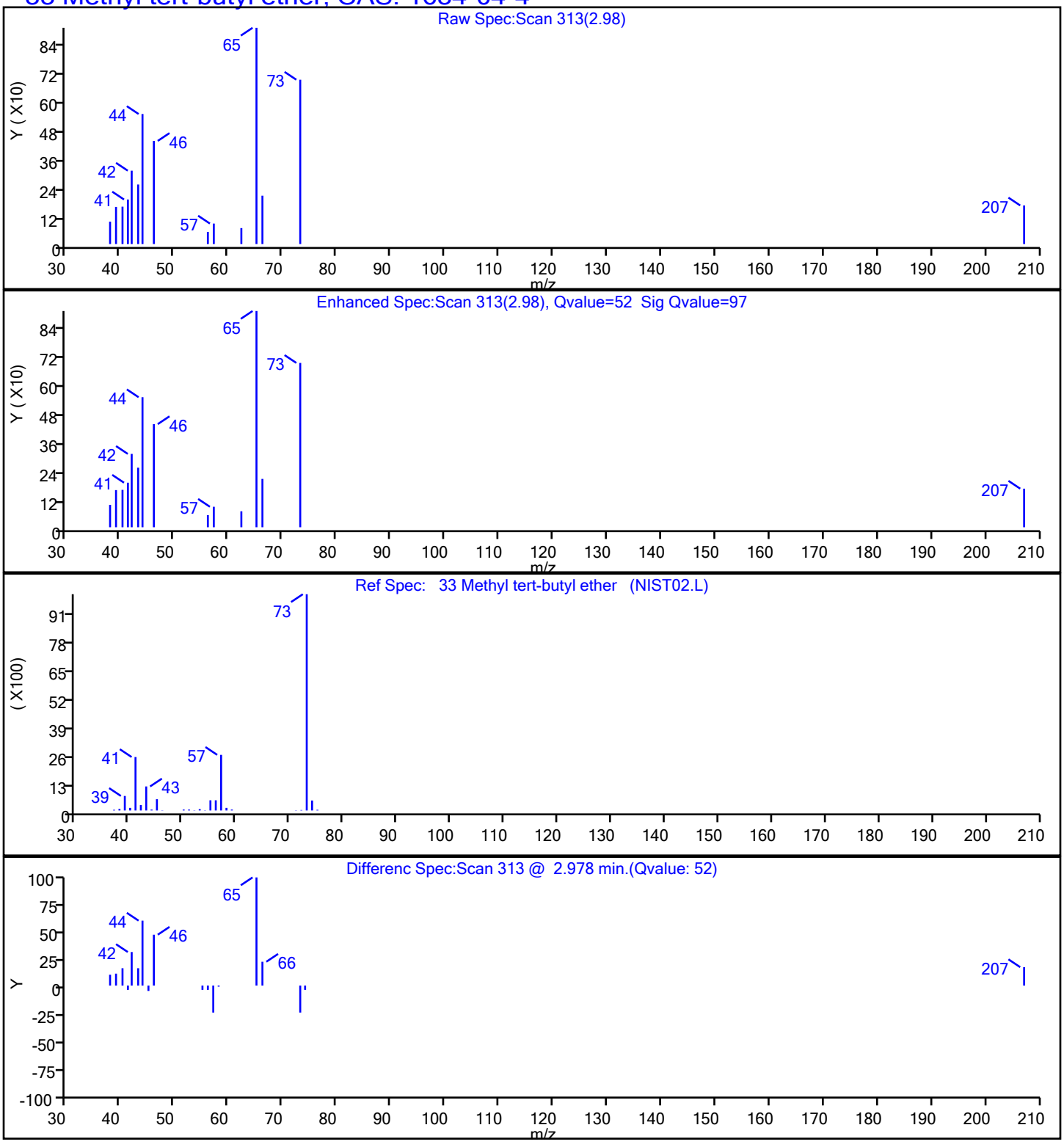
Report Date: 16-Sep-2024 12:09:56 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85060.D

Injection Date:	14-Sep-2024 09:09:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-B-2	Lab Sample ID:	460-311225-2		
Client ID:	MW-07_20240910				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

33 Methyl tert-butyl ether, CAS: 1634-04-4



Report Date: 16-Sep-2024 12:09:56 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85060.D

Injection Date: 14-Sep-2024 09:09:30 Instrument ID: CVOAMS17

Lims ID: 460-311225-B-2 Lab Sample ID: 460-311225-2

Client ID: MW-07_20240910

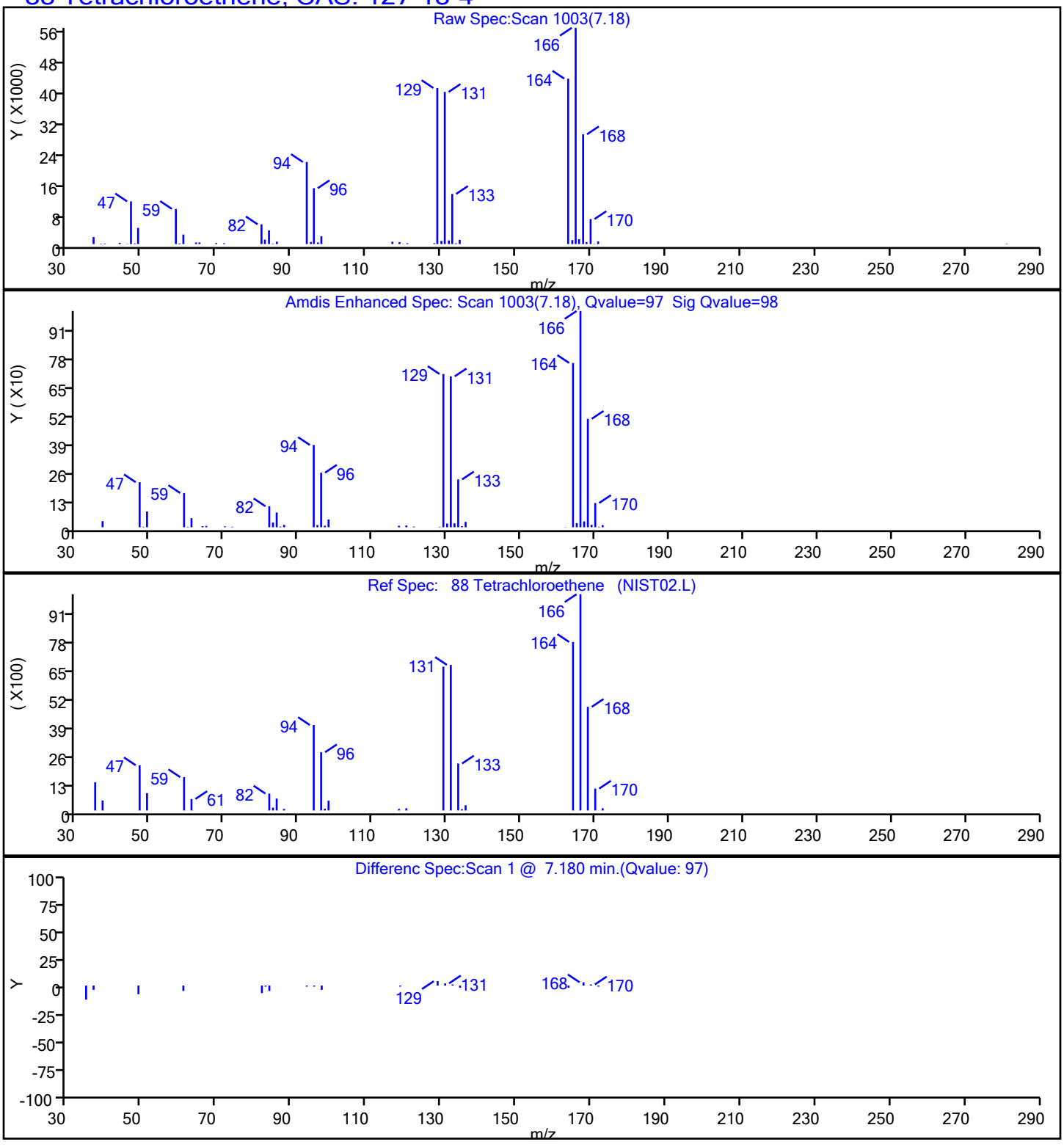
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

88 Tetrachloroethene, CAS: 127-18-4



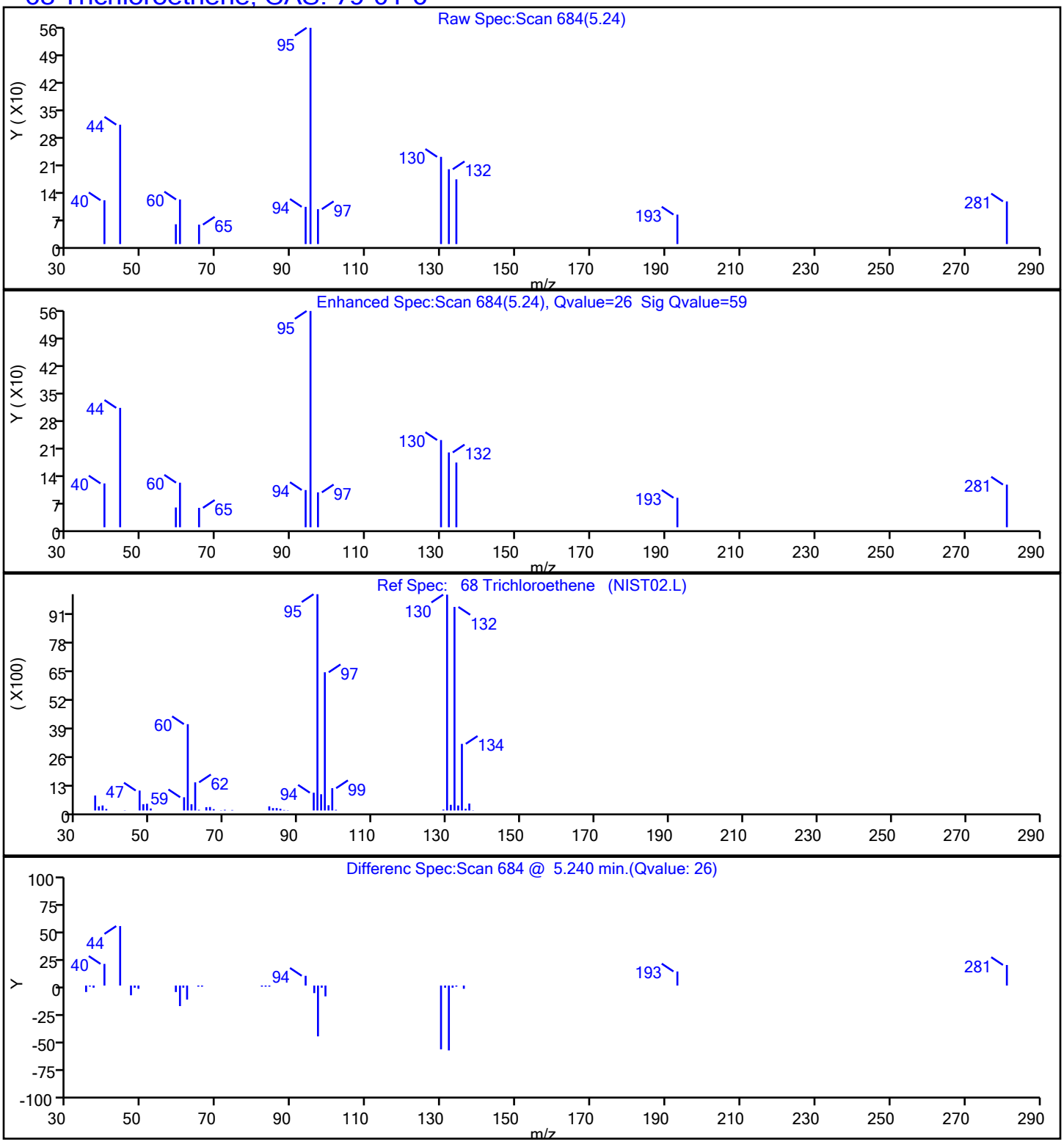
Report Date: 16-Sep-2024 12:09:56 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85060.D

Injection Date:	14-Sep-2024 09:09:30	Instrument ID:	CVOAMS17
Lims ID:	460-311225-B-2	Lab Sample ID:	460-311225-2
Client ID:	MW-07_20240910		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

68 Trichloroethene, CAS: 79-01-6



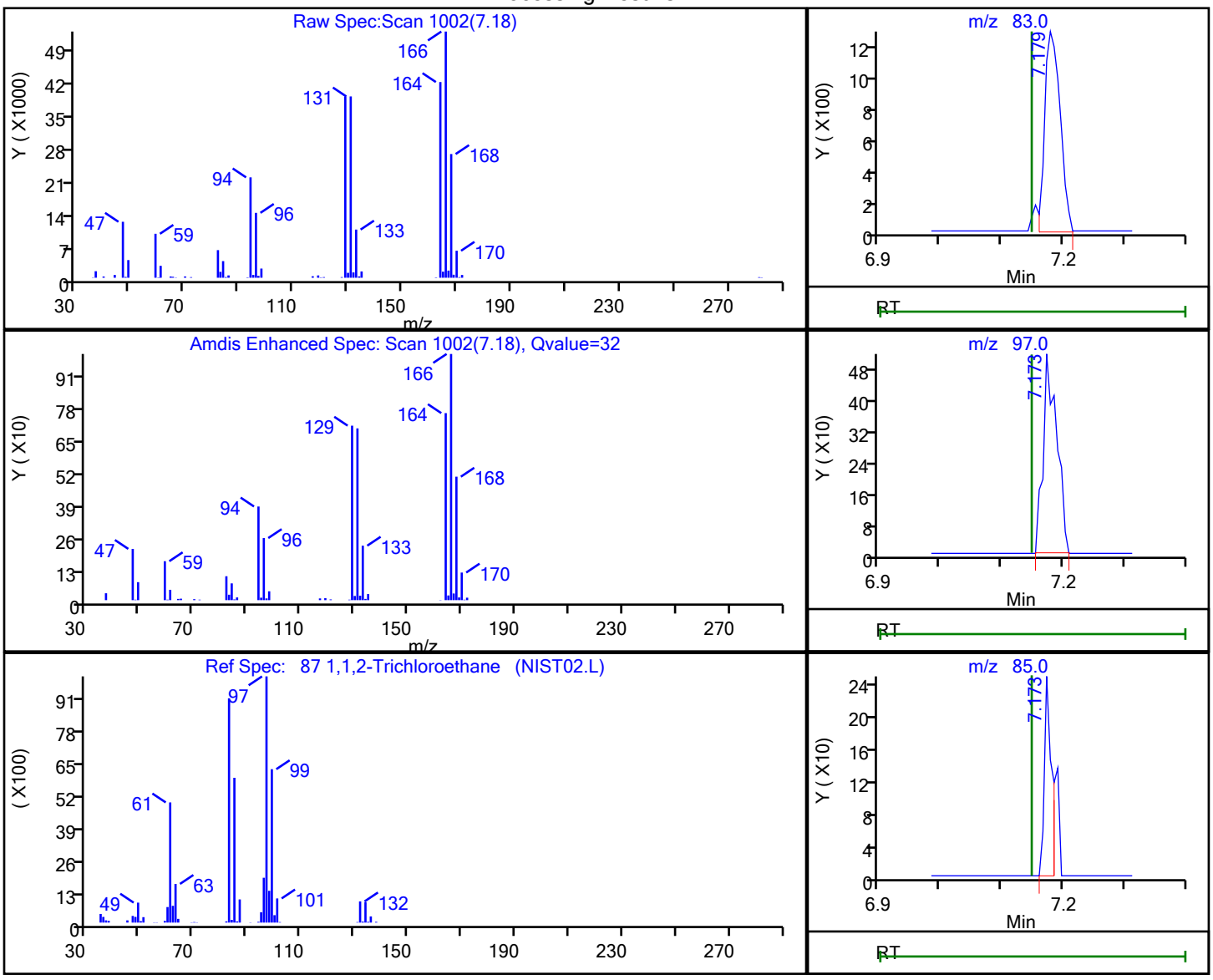
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85060.D				
Injection Date:	14-Sep-2024 09:09:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-B-2	Lab Sample ID:	460-311225-2		
Client ID:	MW-07_20240910				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.18	83.00	2188	1.063850
7.17	97.00	805	
7.17	85.00	206	

Reviewer: FK2C, 14-Sep-2024 10:11:59 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison

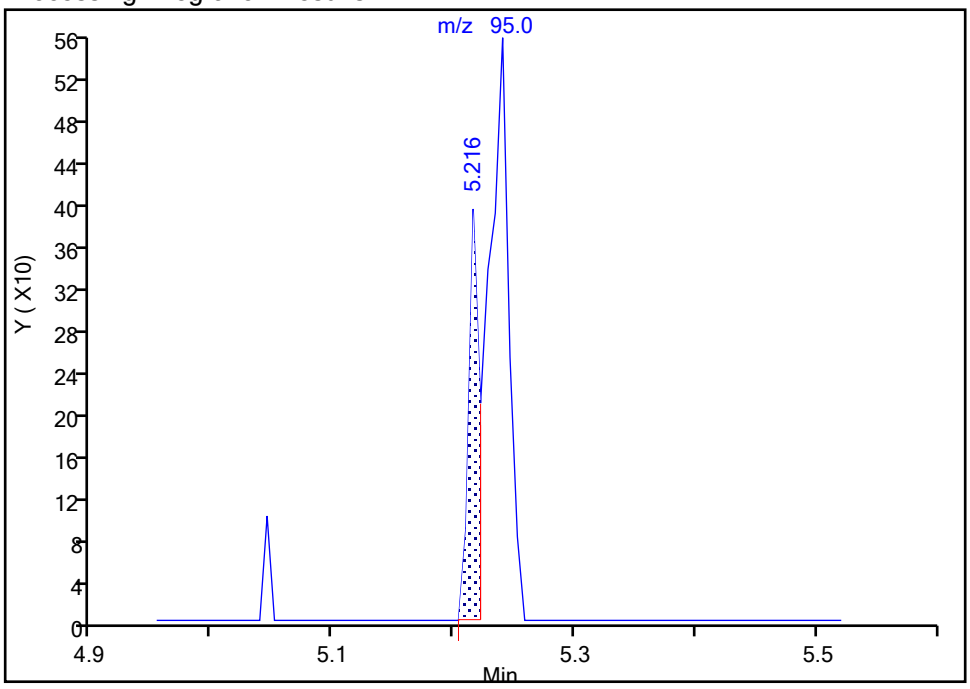
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85060.D
Injection Date: 14-Sep-2024 09:09:30 Instrument ID: CVOAMS17
Lims ID: 460-311225-B-2 Lab Sample ID: 460-311225-2
Client ID: MW-07_20240910
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 Trichloroethene, CAS: 79-01-6

Signal: 1

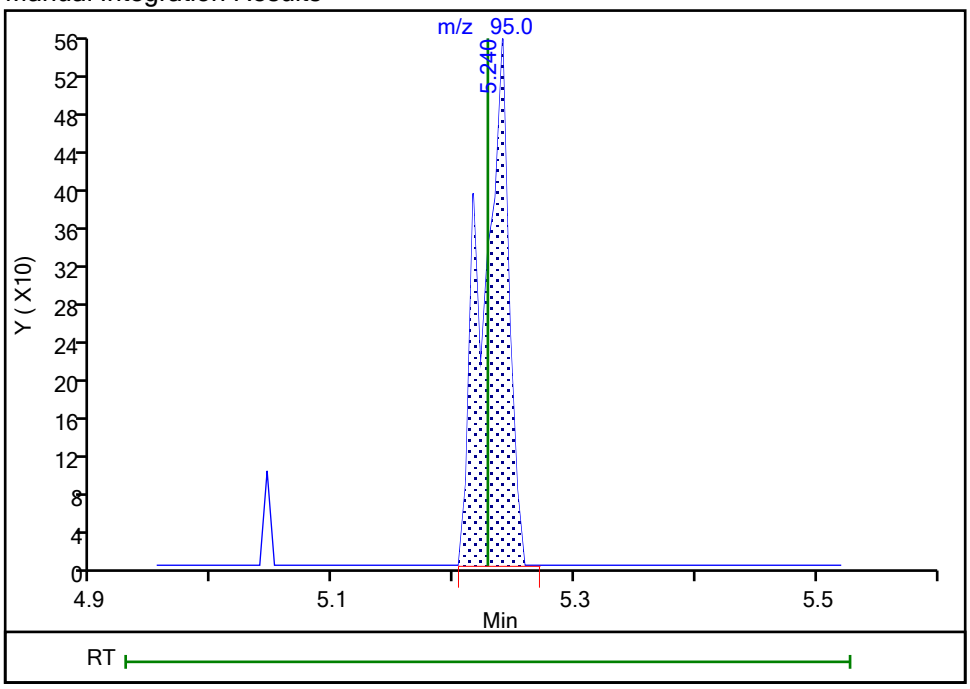
Processing Integration Results

RT: 5.22
Area: 253
Amount: 0.096385
Amount Units: ug/l



Manual Integration Results

RT: 5.24
Area: 844
Amount: 0.321539
Amount Units: ug/l



Reviewer: NN6A, 16-Sep-2024 12:09:49 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-08_20240910 | Lab Sample ID: 460-311225-3

Matrix: Water | Lab File ID: TT85059.D

Analysis Method: 8260D | Date Collected: 09/10/2024 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 08:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U *	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U *	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-08_20240910 | Lab Sample ID: 460-311225-3

Matrix: Water | Lab File ID: TT85059.D

Analysis Method: 8260D | Date Collected: 09/10/2024 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 08:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.4		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-08_20240910 | Lab Sample ID: 460-311225-3

Matrix: Water | Lab File ID: TT85059.D

Analysis Method: 8260D | Date Collected: 09/10/2024 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 08:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Report Date: 14-Sep-2024 10:16:39 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85059.D
Lims ID: 460-311225-B-3
Client ID: MW-08_20240910
Sample Type: Client
Inject. Date: 14-Sep-2024 08:50:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-311225-B-3
Misc. Info.: 460-0180834-011
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2024 10:16:19 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1668

First Level Reviewer: FK2C Date: 14-Sep-2024 10:11:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.838	2.844	-0.006	0	32867	1000.0	
* 42 2-Butanone-d5	46	3.838	3.838	0.000	0	230934	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.295	0.000	98	143489	51.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.630	-0.006	0	154670	47.2	
* 66 Fluorobenzene	96	4.893	4.893	0.000	98	573087	50.0	
* 72 1,4-Dioxane-d8	96	5.557	5.557	0.000	0	23463	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	544393	50.1	
88 Tetrachloroethene	166	7.185	7.185	0.000	91	3656	1.37	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	405676	50.0	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	94	178067	52.2	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	229947	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 14-Sep-2024 10:16:39 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85059.D

Injection Date: 14-Sep-2024 08:50:30 Instrument ID: CVOAMS17

Lims ID: 460-311225-B-3 Lab Sample ID: 460-311225-3

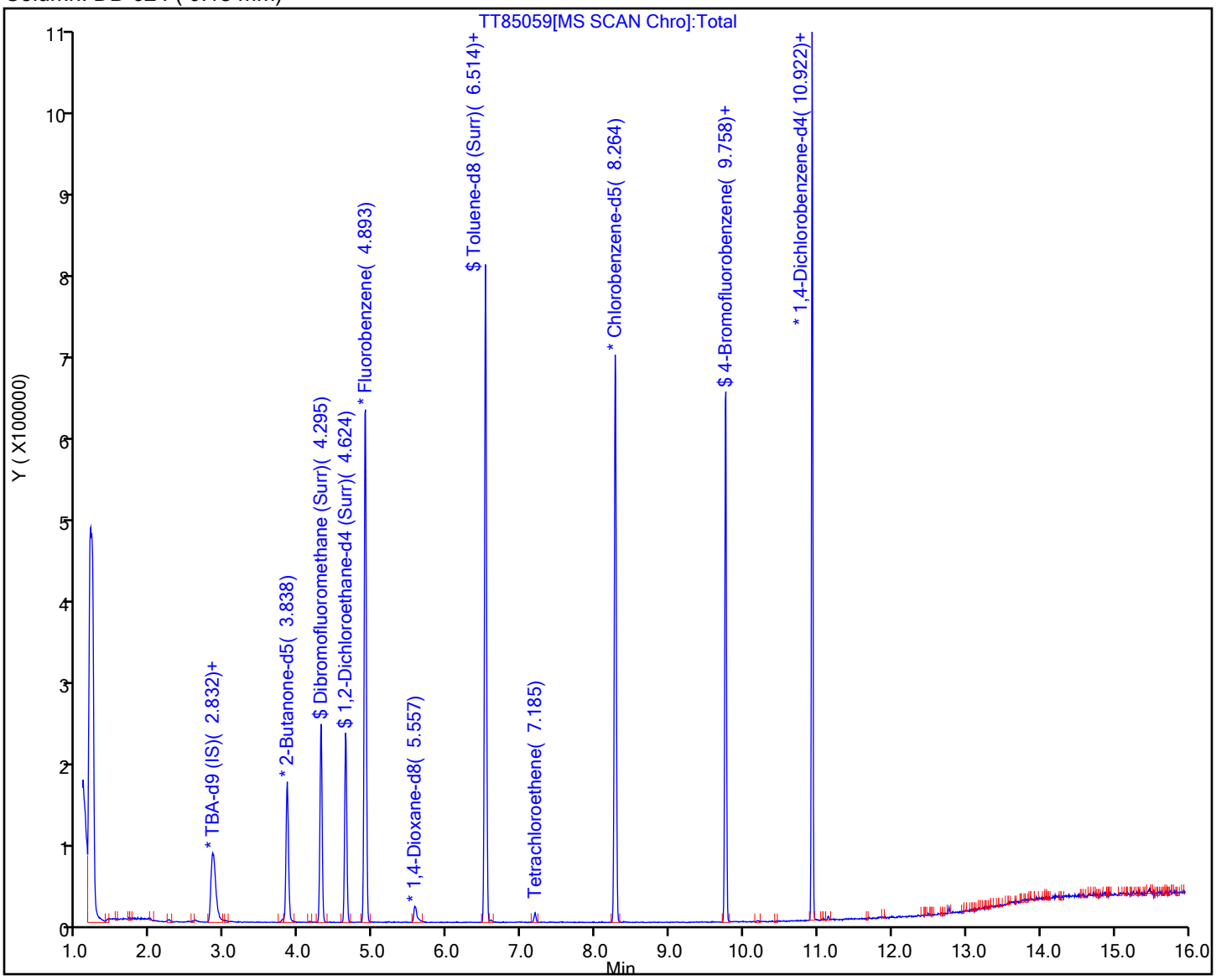
Client ID: MW-08_20240910

Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85059.D
Lims ID: 460-311225-B-3
Client ID: MW-08_20240910
Sample Type: Client
Inject. Date: 14-Sep-2024 08:50:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-311225-B-3
Misc. Info.: 460-0180834-011
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2024 10:16:19 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1668

First Level Reviewer: FK2C Date: 14-Sep-2024 10:11:46

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.7	103.47
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.2	94.34
$ 83 Toluene-d8 (Surr)	50.0	50.1	100.19
$ 105 4-Bromofluorobenzene	50.0	52.2	104.42

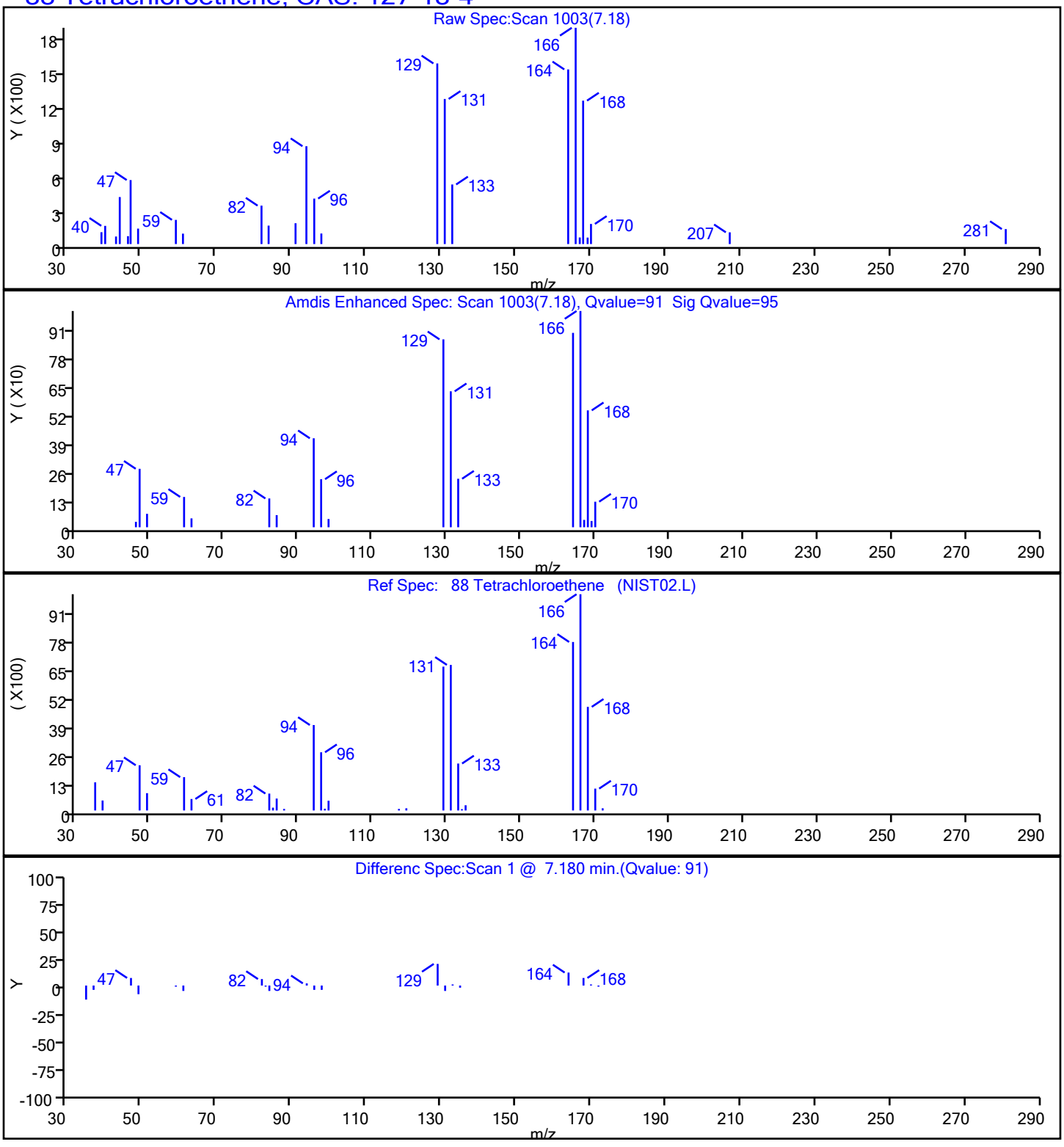
Report Date: 14-Sep-2024 10:16:39 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85059.D

Injection Date:	14-Sep-2024 08:50:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-B-3	Lab Sample ID:	460-311225-3		
Client ID:	MW-08_20240910				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



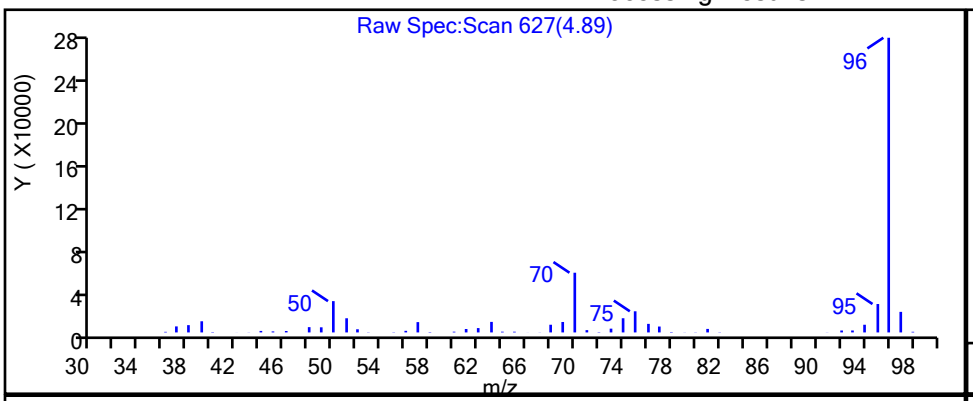
User Disabled Compound Report

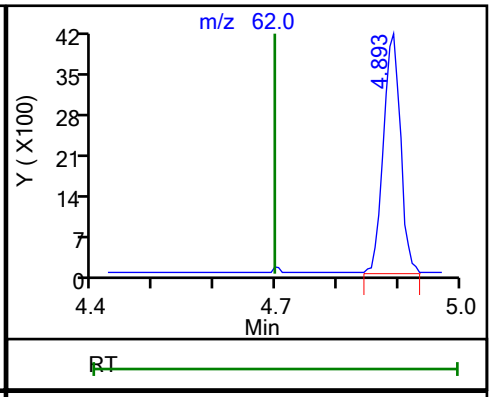
Eurofins Edison

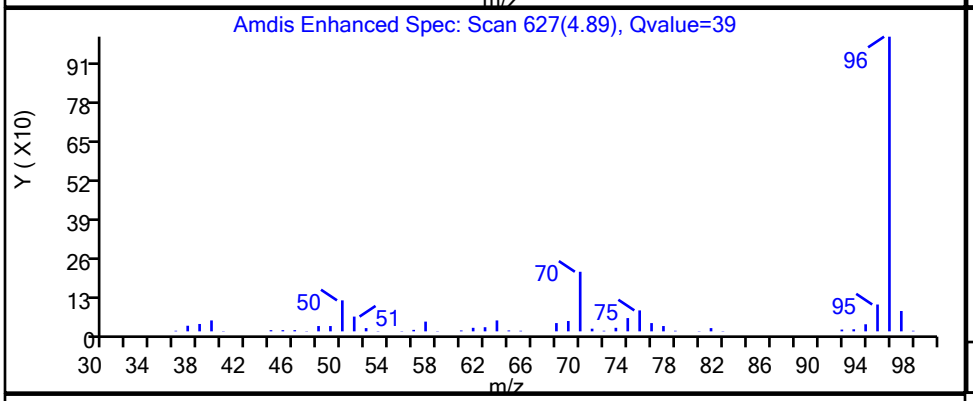
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85059.D				
Injection Date:	14-Sep-2024 08:50:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-B-3	Lab Sample ID:	460-311225-3		
Client ID:	MW-08_20240910				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

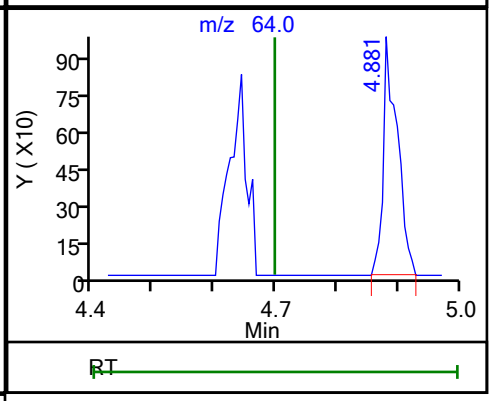
64 1,2-Dichloroethane, CAS: 107-06-2

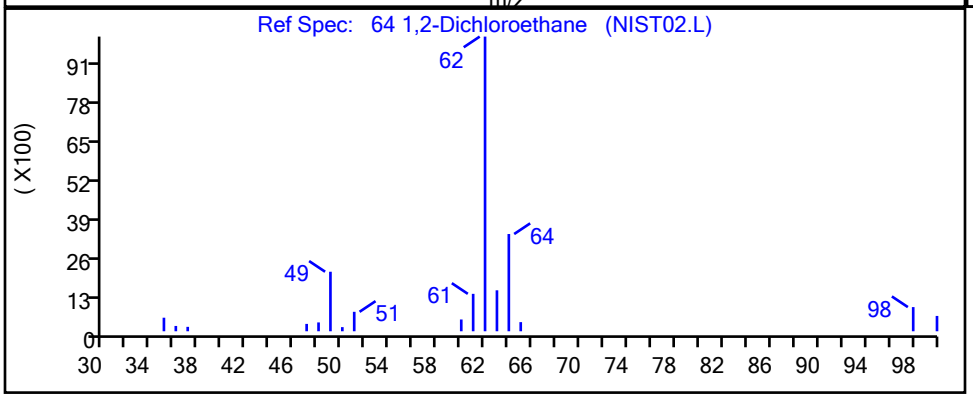
Processing Results











RT	Mass	Response	Amount
4.89	62.00	7944	2.124198
4.88	64.00	1595	

Reviewer: FK2C, 14-Sep-2024 10:11:36 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: DUP-01_20240910 | Lab Sample ID: 460-311225-4

Matrix: Water | Lab File ID: TT85046.D

Analysis Method: 8260D | Date Collected: 09/10/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 04:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U *	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.8		1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U *	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.83	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.30	J	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: DUP-01_20240910 | Lab Sample ID: 460-311225-4

Matrix: Water | Lab File ID: TT85046.D

Analysis Method: 8260D | Date Collected: 09/10/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 04:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	83		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.76	J	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: DUP-01_20240910 | Lab Sample ID: 460-311225-4

Matrix: Water | Lab File ID: TT85046.D

Analysis Method: 8260D | Date Collected: 09/10/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 04:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85046.D
Lims ID: 460-311225-A-4
Client ID: DUP-01_20240910
Sample Type: Client
Inject. Date: 14-Sep-2024 04:44:30 ALS Bottle#: 33 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-311225-A-4
Misc. Info.: 460-0180816-032
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2024 07:26:52 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1668

First Level Reviewer: FK2C Date: 14-Sep-2024 07:26:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Carbon disulfide	76	2.607	2.607	0.000	99	22826	1.76	
* 31 TBA-d9 (IS)	66	2.826	2.838	-0.012	0	42788	1000.0	
* 42 2-Butanone-d5	46	3.838	3.838	0.000	0	320003	250.0	
44 cis-1,2-Dichloroethene	96	3.875	3.881	-0.006	1	1313	0.2978	
52 Chloroform	83	4.143	4.143	0.000	96	5315	0.8265	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.295	0.000	98	180302	48.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.631	4.624	0.007	0	192635	43.9	
* 66 Fluorobenzene	96	4.893	4.893	0.000	99	766658	50.0	
68 Trichloroethene	95	5.222	5.228	-0.006	91	2748	0.7557	M
* 72 1,4-Dioxane-d8	96	5.563	5.569	-0.006	0	27542	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	727703	50.9	
88 Tetrachloroethene	166	7.185	7.185	0.000	98	289797	82.6	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	533402	50.0	
$ 105 4-Bromofluorobenzene	174	9.758	9.758	0.000	94	219667	49.0	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	290054	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 14-Sep-2024 07:27:22 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85046.D

Injection Date: 14-Sep-2024 04:44:30 Instrument ID: CVOAMS17

Lims ID: 460-311225-A-4 Lab Sample ID: 460-311225-4

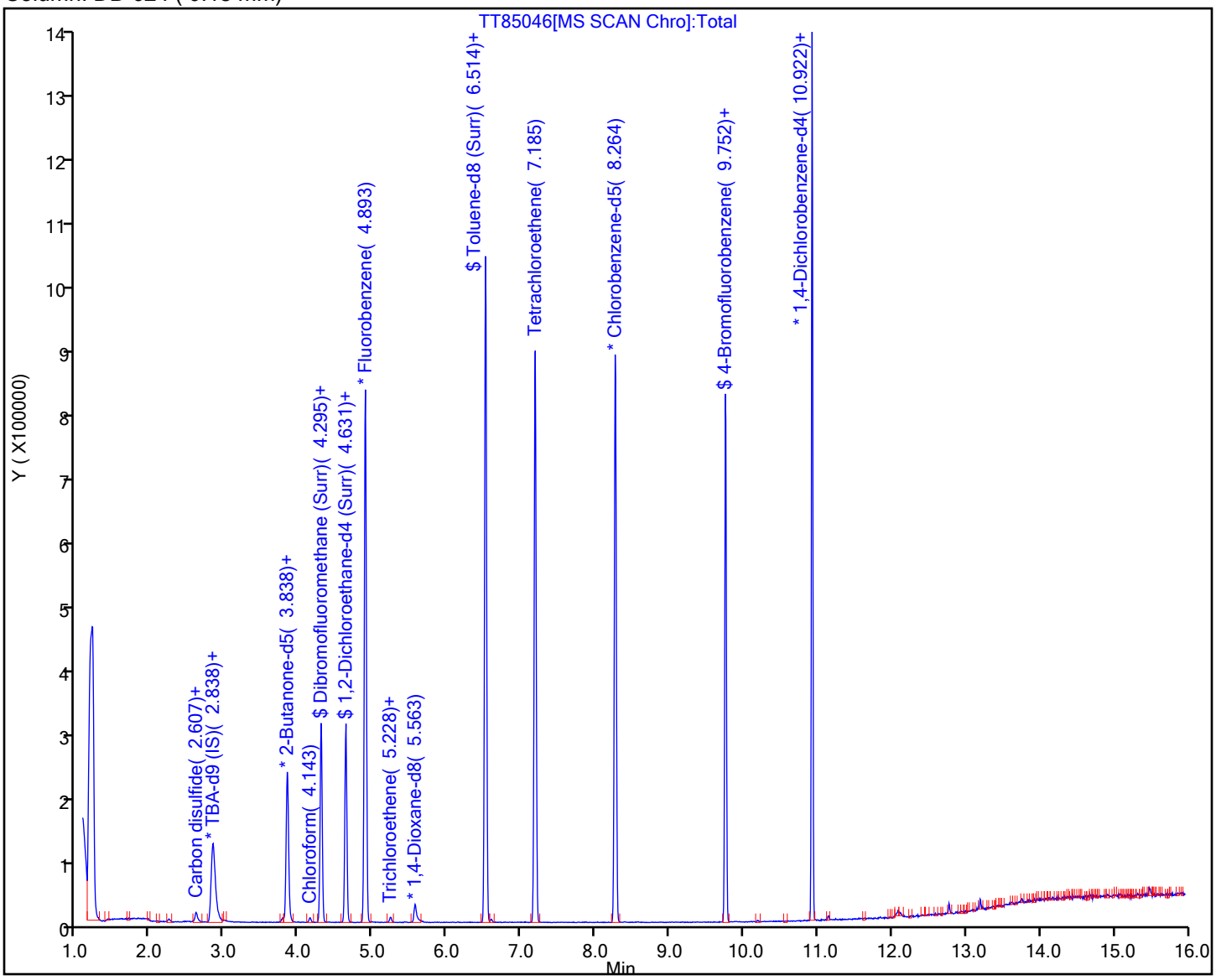
Client ID: DUP-01_20240910

Operator ID: ALS Bottle#: 33 Worklist Smp#: 32

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85046.D				
Lims ID:	460-311225-A-4				
Client ID:	DUP-01_20240910				
Sample Type:	Client				
Inject. Date:	14-Sep-2024 04:44:30	ALS Bottle#:	33	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-311225-A-4				
Misc. Info.:	460-0180816-032				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	14-Sep-2024 07:26:52	Calib Date:	30-Aug-2024 10:24:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1668				
First Level Reviewer: FK2C		Date:	14-Sep-2024 07:26:52		

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	48.6	97.19
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	43.9	87.83
$ 83 Toluene-d8 (Surr)	50.0	50.9	101.86
$ 105 4-Bromofluorobenzene	50.0	49.0	97.97

Report Date: 14-Sep-2024 07:27:22 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85046.D

Injection Date: 14-Sep-2024 04:44:30 Instrument ID: CVOAMS17

Lims ID: 460-311225-A-4 Lab Sample ID: 460-311225-4

Client ID: DUP-01_20240910

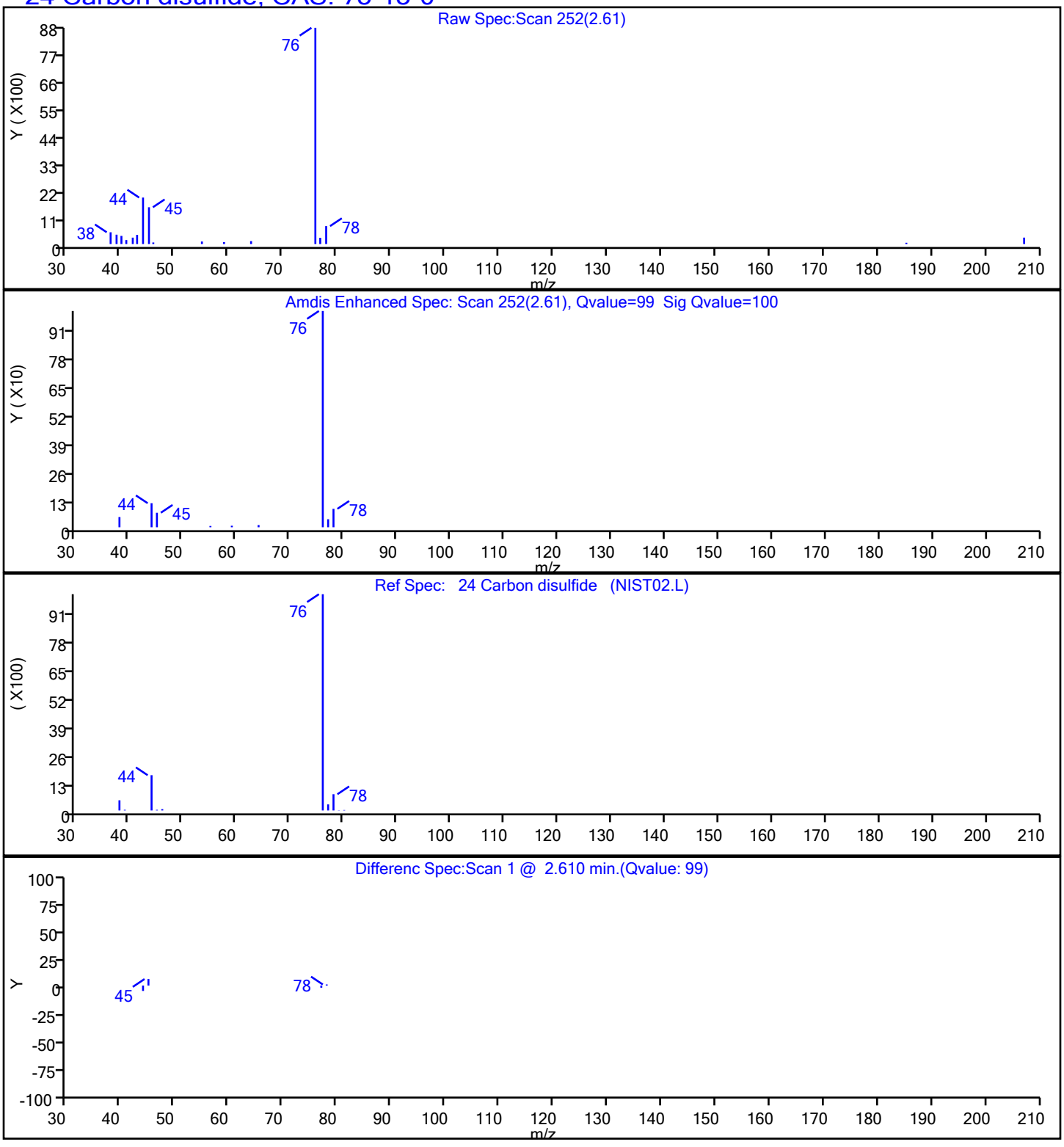
Operator ID: ALS Bottle#: 33 Worklist Smp#: 32

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0



Report Date: 14-Sep-2024 07:27:22 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85046.D

Injection Date: 14-Sep-2024 04:44:30 Instrument ID: CVOAMS17

Lims ID: 460-311225-A-4 Lab Sample ID: 460-311225-4

Client ID: DUP-01_20240910

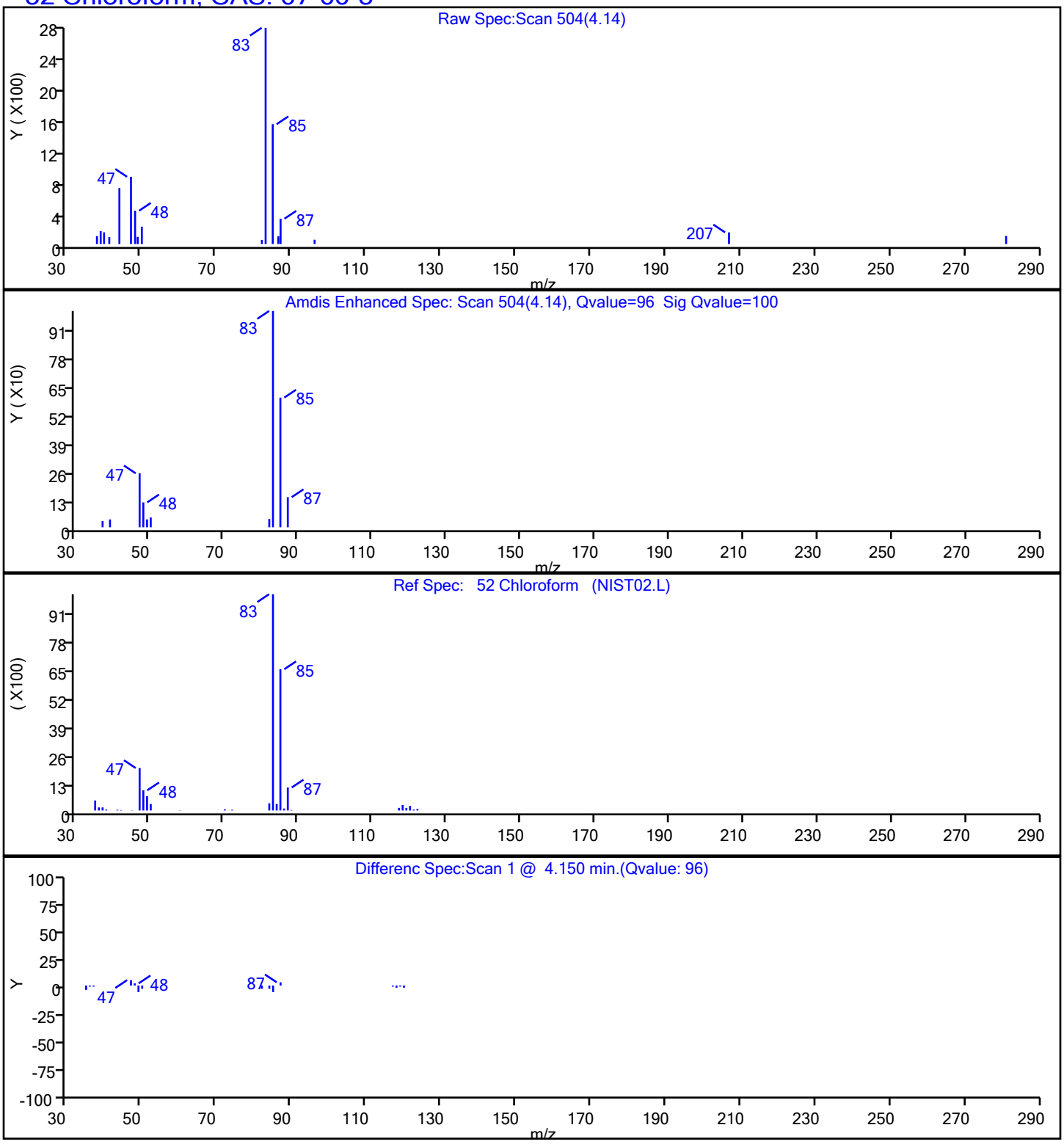
Operator ID: ALS Bottle#: 33 Worklist Smp#: 32

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

52 Chloroform, CAS: 67-66-3



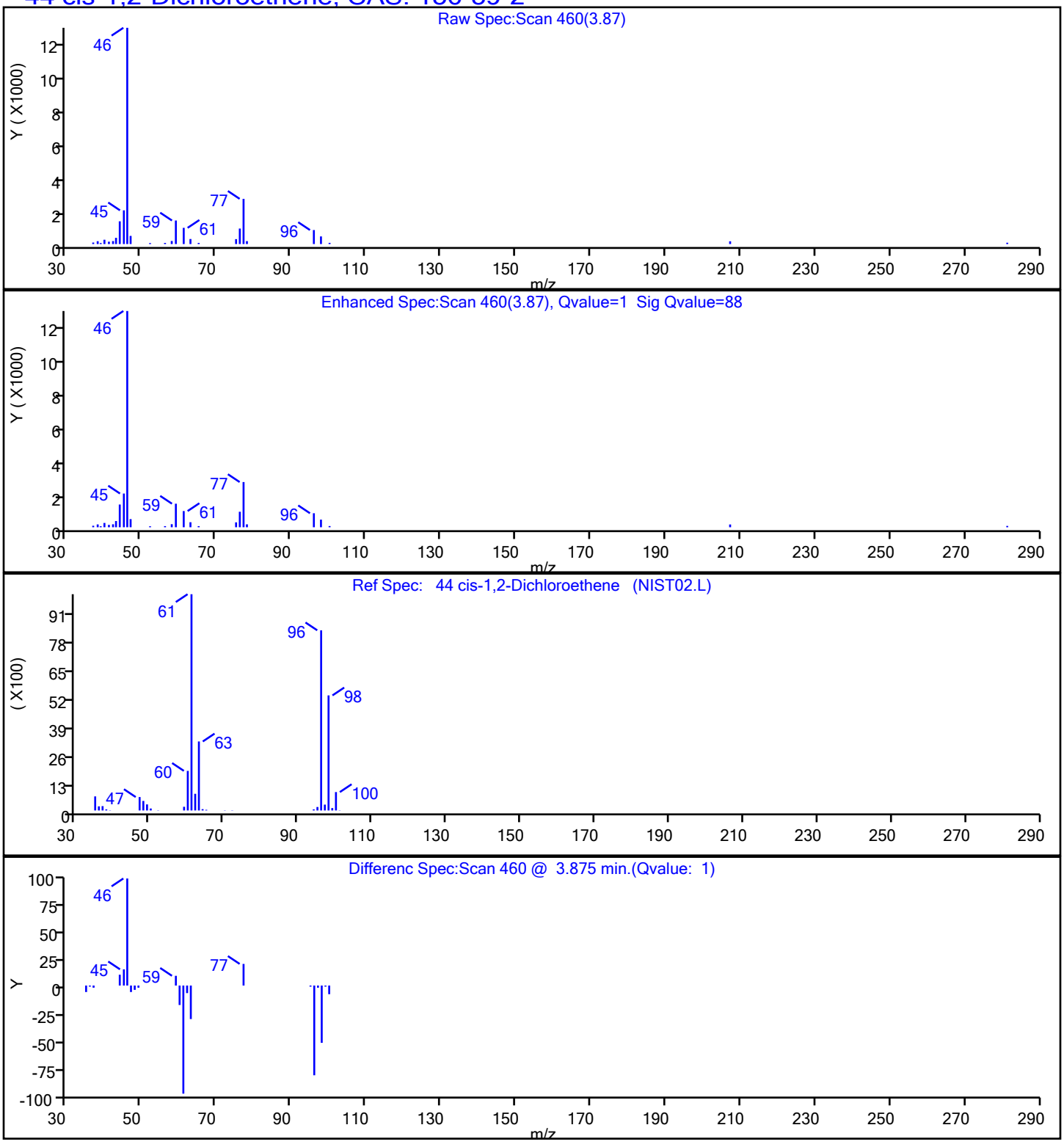
Report Date: 14-Sep-2024 07:27:22 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85046.D

Injection Date:	14-Sep-2024 04:44:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-A-4	Lab Sample ID:	460-311225-4		
Client ID:	DUP-01_20240910				
Operator ID:		ALS Bottle#:	33	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

44 cis-1,2-Dichloroethene, CAS: 156-59-2



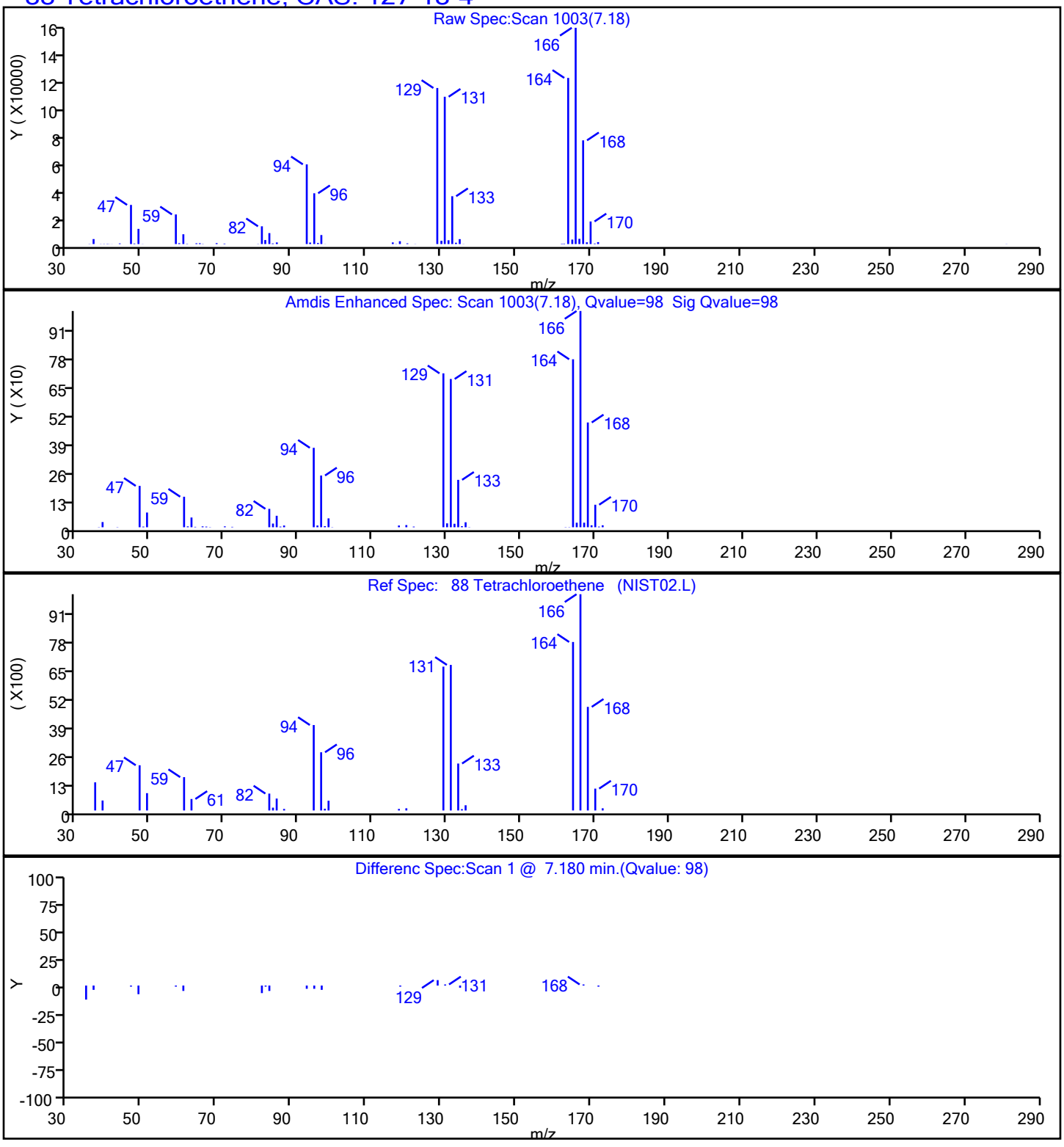
Report Date: 14-Sep-2024 07:27:22 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85046.D

Injection Date:	14-Sep-2024 04:44:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-A-4	Lab Sample ID:	460-311225-4		
Client ID:	DUP-01_20240910				
Operator ID:		ALS Bottle#:	33	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



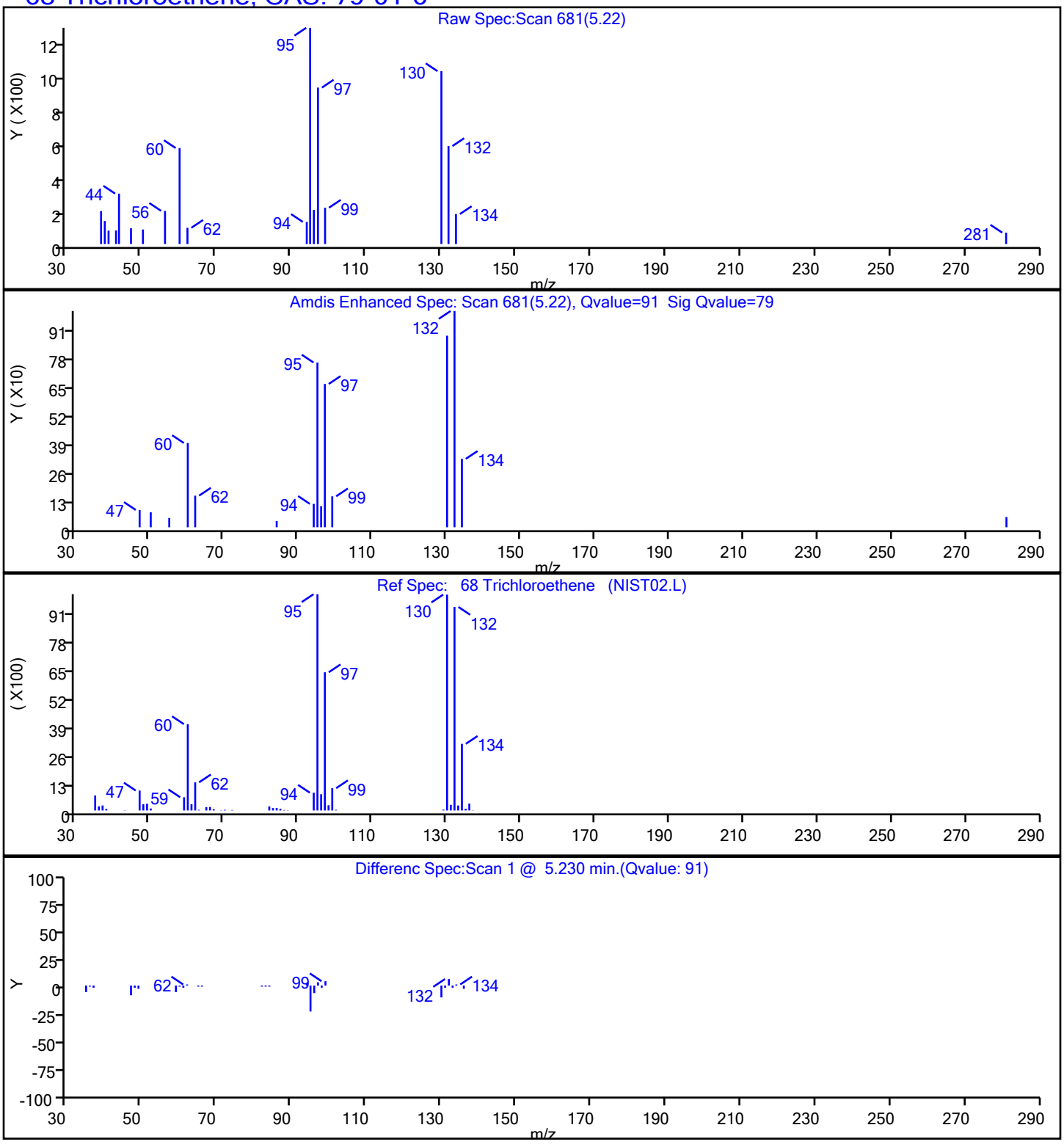
Report Date: 14-Sep-2024 07:27:22 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85046.D

Injection Date:	14-Sep-2024 04:44:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-A-4	Lab Sample ID:	460-311225-4		
Client ID:	DUP-01_20240910				
Operator ID:		ALS Bottle#:	33	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6



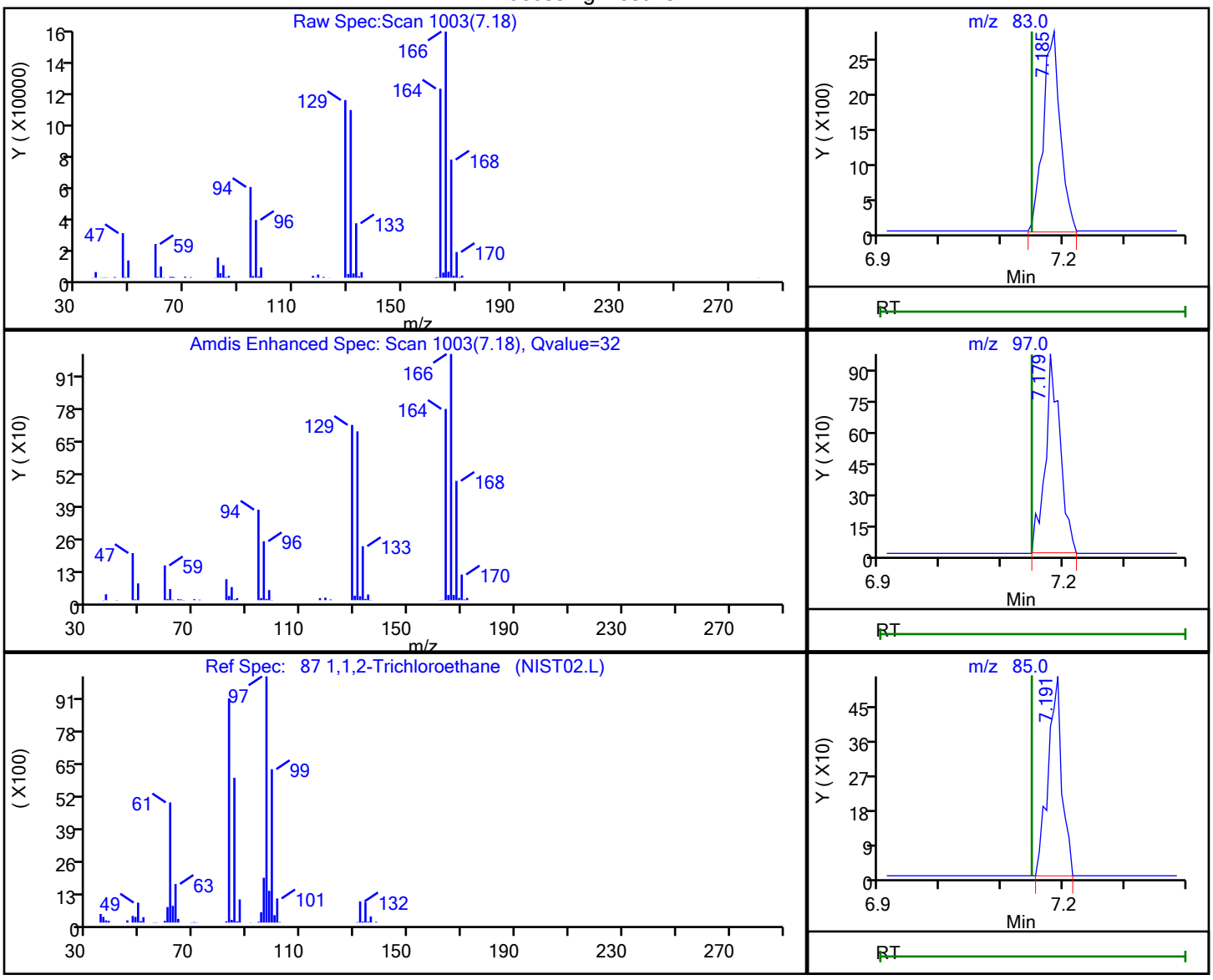
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85046.D				
Injection Date:	14-Sep-2024 04:44:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-A-4	Lab Sample ID:	460-311225-4		
Client ID:	DUP-01_20240910				
Operator ID:		ALS Bottle#:	33	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.18	83.00	5514	2.006001
7.18	97.00	1652	
7.19	85.00	826	

Reviewer: FK2C, 14-Sep-2024 07:26:42 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

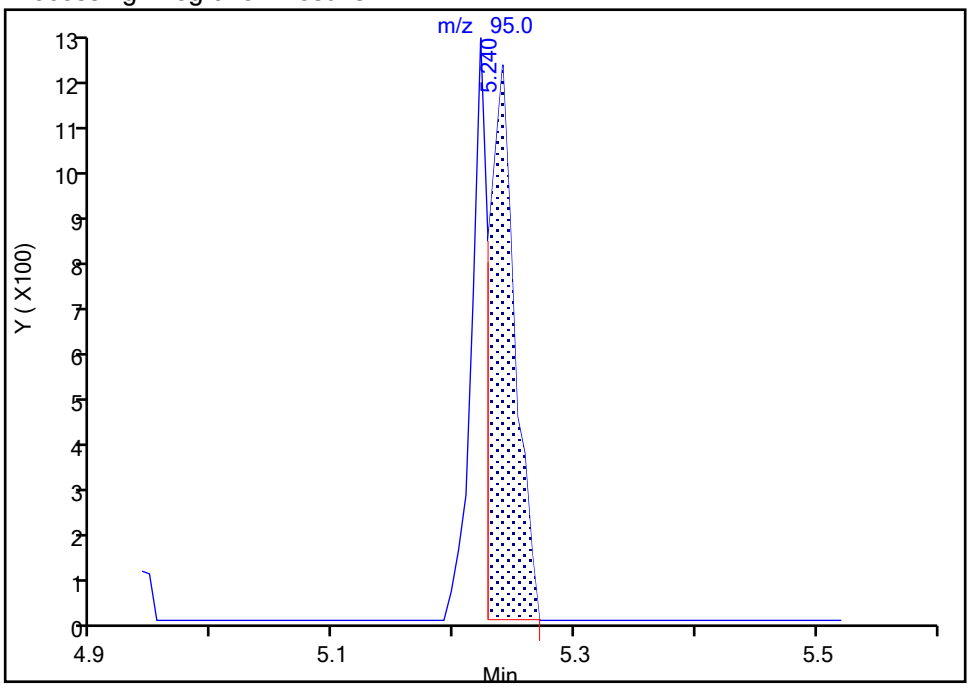
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85046.D				
Injection Date:	14-Sep-2024 04:44:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-A-4	Lab Sample ID:	460-311225-4		
Client ID:	DUP-01_20240910				
Operator ID:		ALS Bottle#:	33	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6

Signal: 1

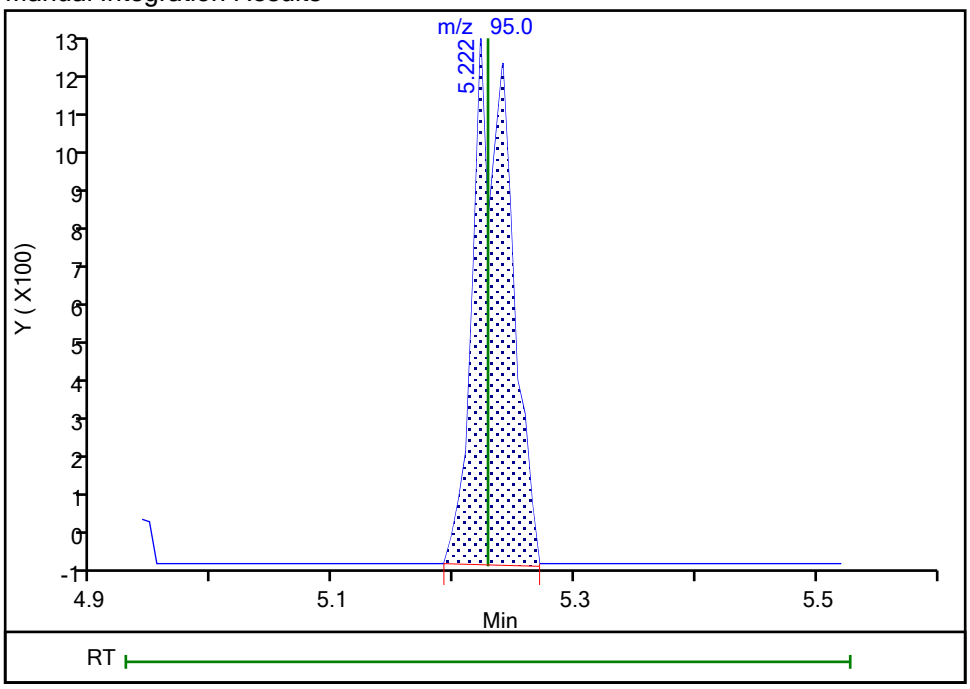
Processing Integration Results

RT: 5.24
Area: 1817
Amount: 0.499658
Amount Units: ug/l



Manual Integration Results

RT: 5.22
Area: 2748
Amount: 0.755675
Amount Units: ug/l



Reviewer: FK2C, 14-Sep-2024 07:26:38 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: FB-01_20240910 | Lab Sample ID: 460-311225-5

Matrix: Water | Lab File ID: TT85045.D

Analysis Method: 8260D | Date Collected: 09/10/2024 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 04:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U *	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U *	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: FB-01_20240910 | Lab Sample ID: 460-311225-5

Matrix: Water | Lab File ID: TT85045.D

Analysis Method: 8260D | Date Collected: 09/10/2024 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 04:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.1		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: FB-01_20240910 | Lab Sample ID: 460-311225-5

Matrix: Water | Lab File ID: TT85045.D

Analysis Method: 8260D | Date Collected: 09/10/2024 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 04:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85045.D
Lims ID: 460-311225-A-5
Client ID: FB-01_20240910
Sample Type: Client
Inject. Date: 14-Sep-2024 04:25:30 ALS Bottle#: 32 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-311225-A-5
Misc. Info.: 460-0180816-031
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2024 07:26:52 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1668

First Level Reviewer: FK2C Date: 14-Sep-2024 07:26:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.832	2.838	-0.006	0	43629	1000.0	
30 Methylene Chloride	84	2.838	2.844	-0.006	32	4831	1.11	
* 42 2-Butanone-d5	46	3.832	3.838	-0.006	0	305441	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.295	-0.006	97	179298	49.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	188736	44.2	
* 66 Fluorobenzene	96	4.887	4.893	-0.006	98	745598	50.0	
* 72 1,4-Dioxane-d8	96	5.557	5.569	-0.012	0	30392	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	705953	51.0	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	516293	50.0	
$ 105 4-Bromofluorobenzene	174	9.758	9.758	0.000	95	214039	49.3	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	281384	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

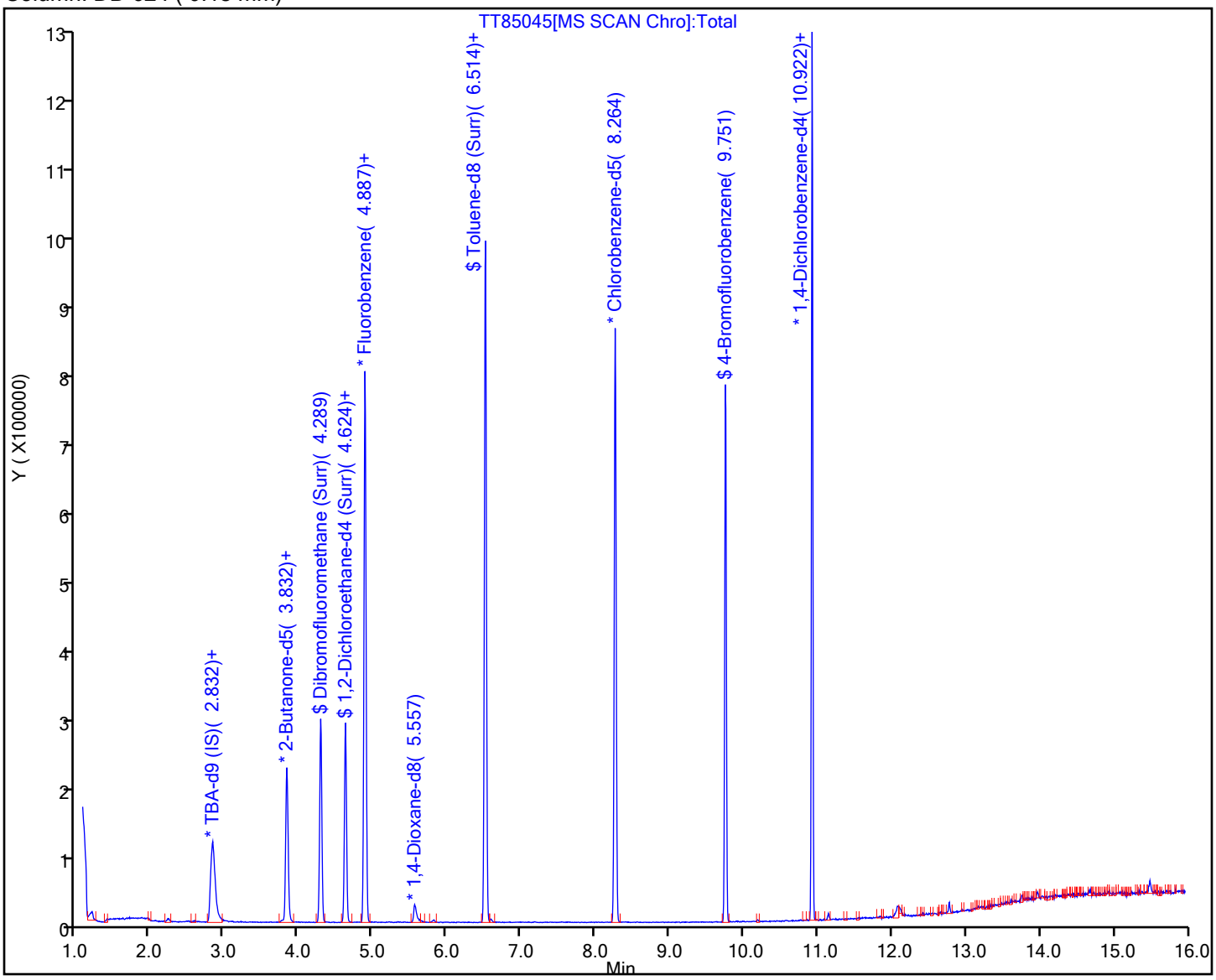
Report Date: 14-Sep-2024 07:27:20 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85045.D

Injection Date:	14-Sep-2024 04:25:30	Instrument ID:	CVOAMS17
Lims ID:	460-311225-A-5	Lab Sample ID:	460-311225-5
Client ID:	FB-01_20240910		
Operator ID:		ALS Bottle#:	32 Worklist Smp#: 31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85045.D
Lims ID: 460-311225-A-5
Client ID: FB-01_20240910
Sample Type: Client
Inject. Date: 14-Sep-2024 04:25:30 ALS Bottle#: 32 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-311225-A-5
Misc. Info.: 460-0180816-031
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2024 07:26:52 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1668

First Level Reviewer: FK2C Date: 14-Sep-2024 07:26:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.7	99.38
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	44.2	88.48
$ 83 Toluene-d8 (Surr)	50.0	51.0	102.09
$ 105 4-Bromofluorobenzene	50.0	49.3	98.62

Report Date: 14-Sep-2024 07:27:20 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85045.D

Injection Date: 14-Sep-2024 04:25:30 Instrument ID: CVOAMS17

Lims ID: 460-311225-A-5 Lab Sample ID: 460-311225-5

Client ID: FB-01_20240910

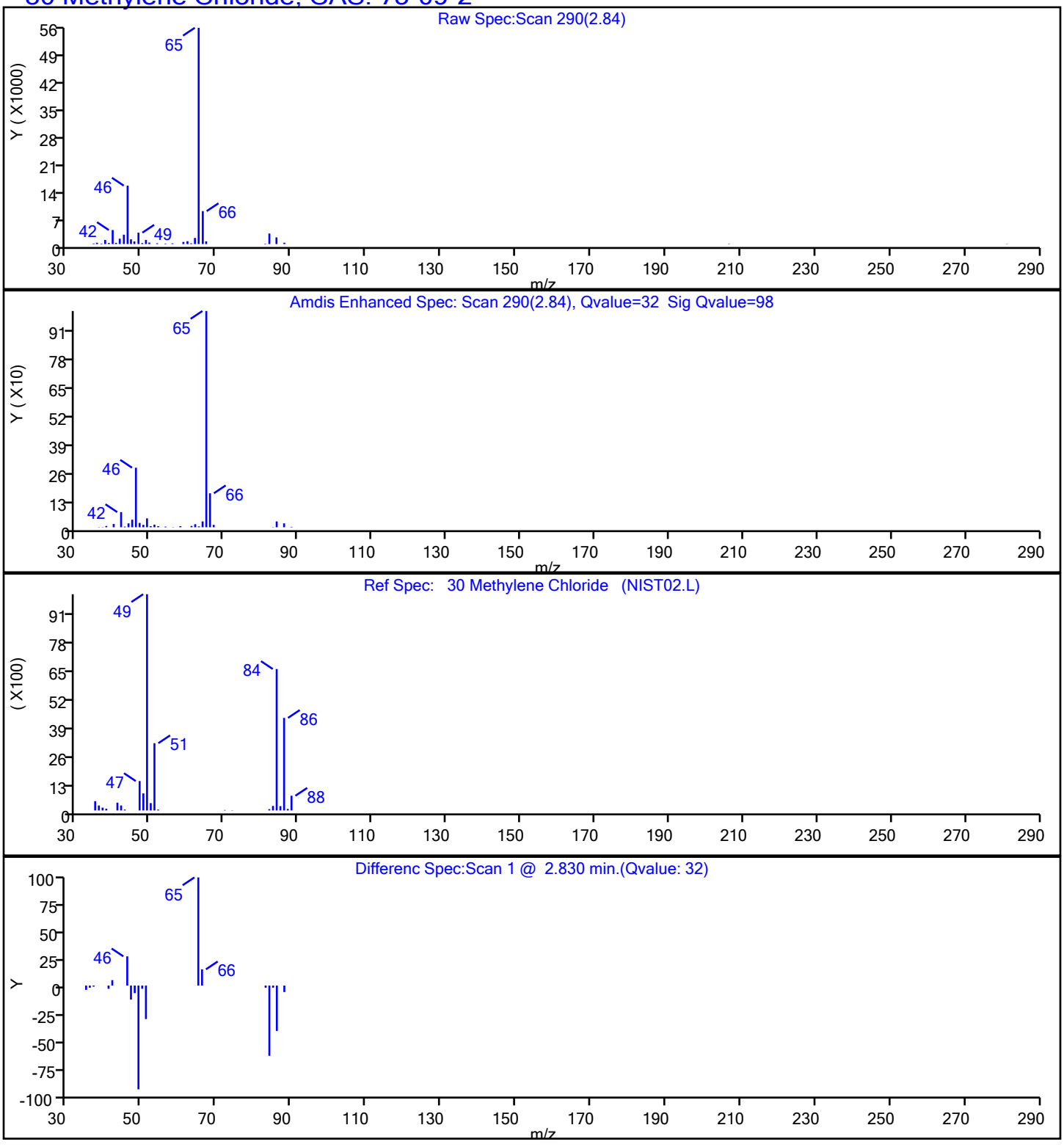
Operator ID: ALS Bottle#: 32 Worklist Smp#: 31

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2



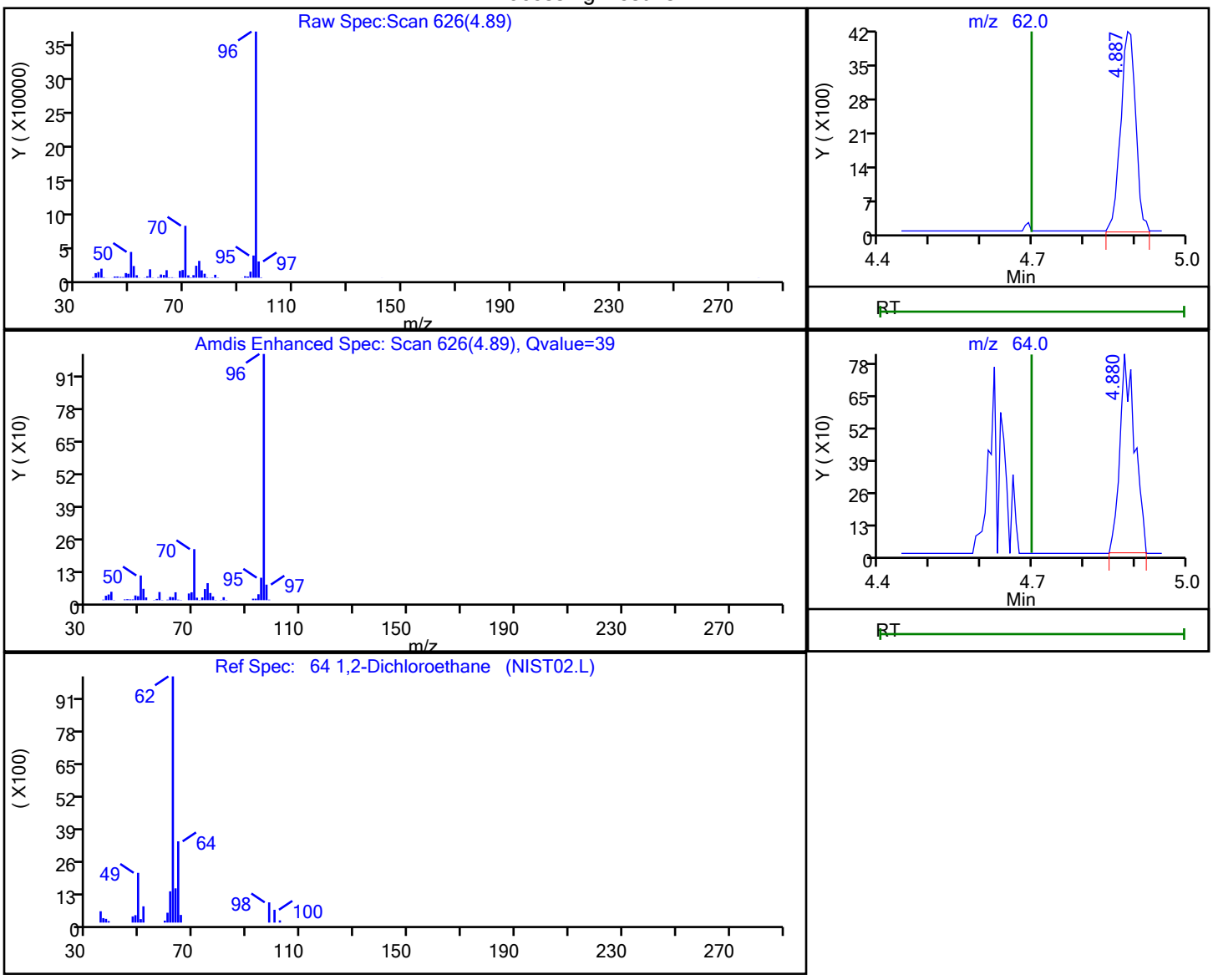
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85045.D				
Injection Date:	14-Sep-2024 04:25:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-A-5	Lab Sample ID:	460-311225-5		
Client ID:	FB-01_20240910				
Operator ID:		ALS Bottle#:	32	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.89	62.00	8489	1.744730
4.88	64.00	1663	

Reviewer: FK2C, 14-Sep-2024 07:26:07 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

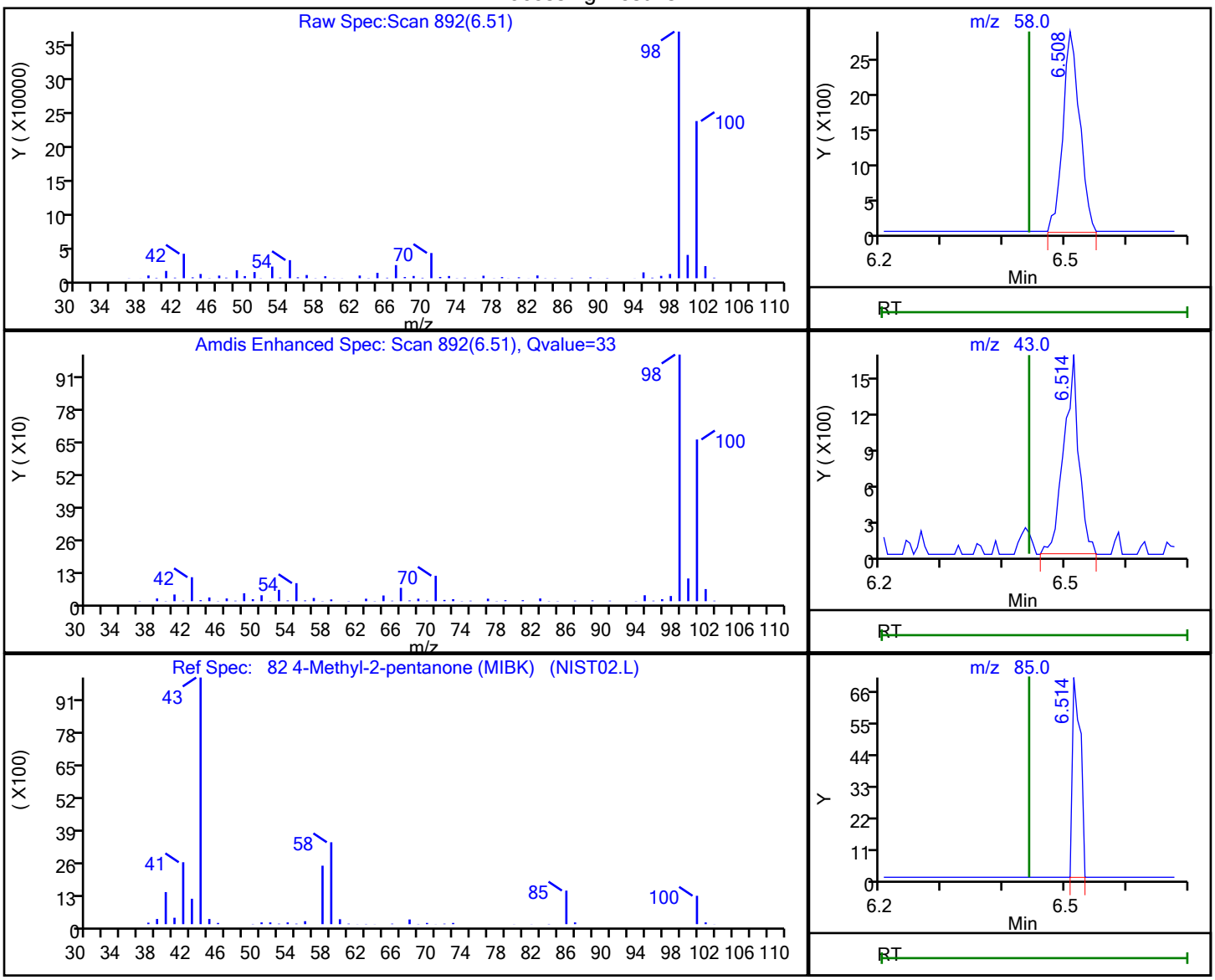
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85045.D				
Injection Date:	14-Sep-2024 04:25:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-A-5	Lab Sample ID:	460-311225-5		
Client ID:	FB-01_20240910				
Operator ID:		ALS Bottle#:	32	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.51	58.00	5440	5.086030
6.51	43.00	2818	
6.51	85.00	65	
6.51	100.00	465731	

Reviewer: FK2C, 14-Sep-2024 07:26:10 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: TB-01_20240910 | Lab Sample ID: 460-311225-6

Matrix: Water | Lab File ID: TT85044.D

Analysis Method: 8260D | Date Collected: 09/10/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 04:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U *	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U *	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U *	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: TB-01_20240910 | Lab Sample ID: 460-311225-6

Matrix: Water | Lab File ID: TT85044.D

Analysis Method: 8260D | Date Collected: 09/10/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 04:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.2		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: TB-01_20240910 | Lab Sample ID: 460-311225-6

Matrix: Water | Lab File ID: TT85044.D

Analysis Method: 8260D | Date Collected: 09/10/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 04:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85044.D
Lims ID: 460-311225-A-6
Client ID: TB-01_20240910
Sample Type: Client
Inject. Date: 14-Sep-2024 04:05:30 ALS Bottle#: 31 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-311225-A-6
Misc. Info.: 460-0180816-030
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 13:34:11 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: NN6A Date: 16-Sep-2024 13:34:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.826	2.838	-0.012	0	41234	1000.0	
30 Methylene Chloride	84	2.838	2.844	-0.006	31	5344	1.23	M
* 42 2-Butanone-d5	46	3.832	3.838	-0.006	0	299436	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.295	-0.006	98	174768	48.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	182472	42.9	
* 66 Fluorobenzene	96	4.887	4.893	-0.006	99	743040	50.0	
* 72 1,4-Dioxane-d8	96	5.563	5.569	-0.006	0	28339	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	700465	50.5	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	517374	50.0	
$ 105 4-Bromofluorobenzene	174	9.758	9.758	0.000	93	211287	48.6	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	280384	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 16-Sep-2024 13:34:12 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85044.D

Injection Date: 14-Sep-2024 04:05:30 Instrument ID: CVOAMS17

Lims ID: 460-311225-A-6 Lab Sample ID: 460-311225-6

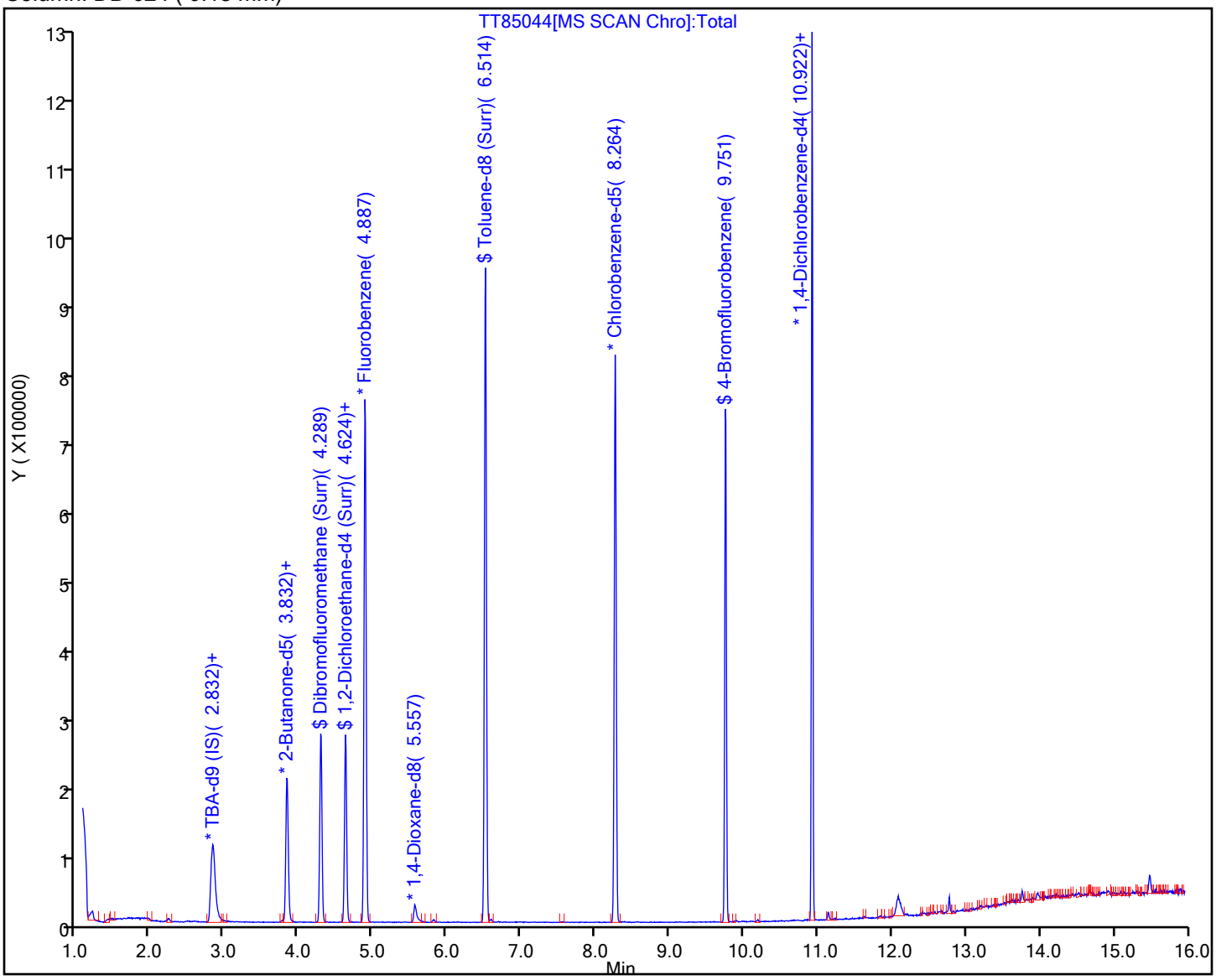
Client ID: TB-01_20240910

Operator ID: ALS Bottle#: 31 Worklist Smp#: 30

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 16-Sep-2024 13:34:12 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85044.D
Lims ID: 460-311225-A-6
Client ID: TB-01_20240910
Sample Type: Client
Inject. Date: 14-Sep-2024 04:05:30 ALS Bottle#: 31 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-311225-A-6
Misc. Info.: 460-0180816-030
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 13:34:11 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: NN6A Date: 16-Sep-2024 13:34:11

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	48.6	97.20
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.9	85.84
$ 83 Toluene-d8 (Surr)	50.0	50.5	101.09
$ 105 4-Bromofluorobenzene	50.0	48.6	97.15

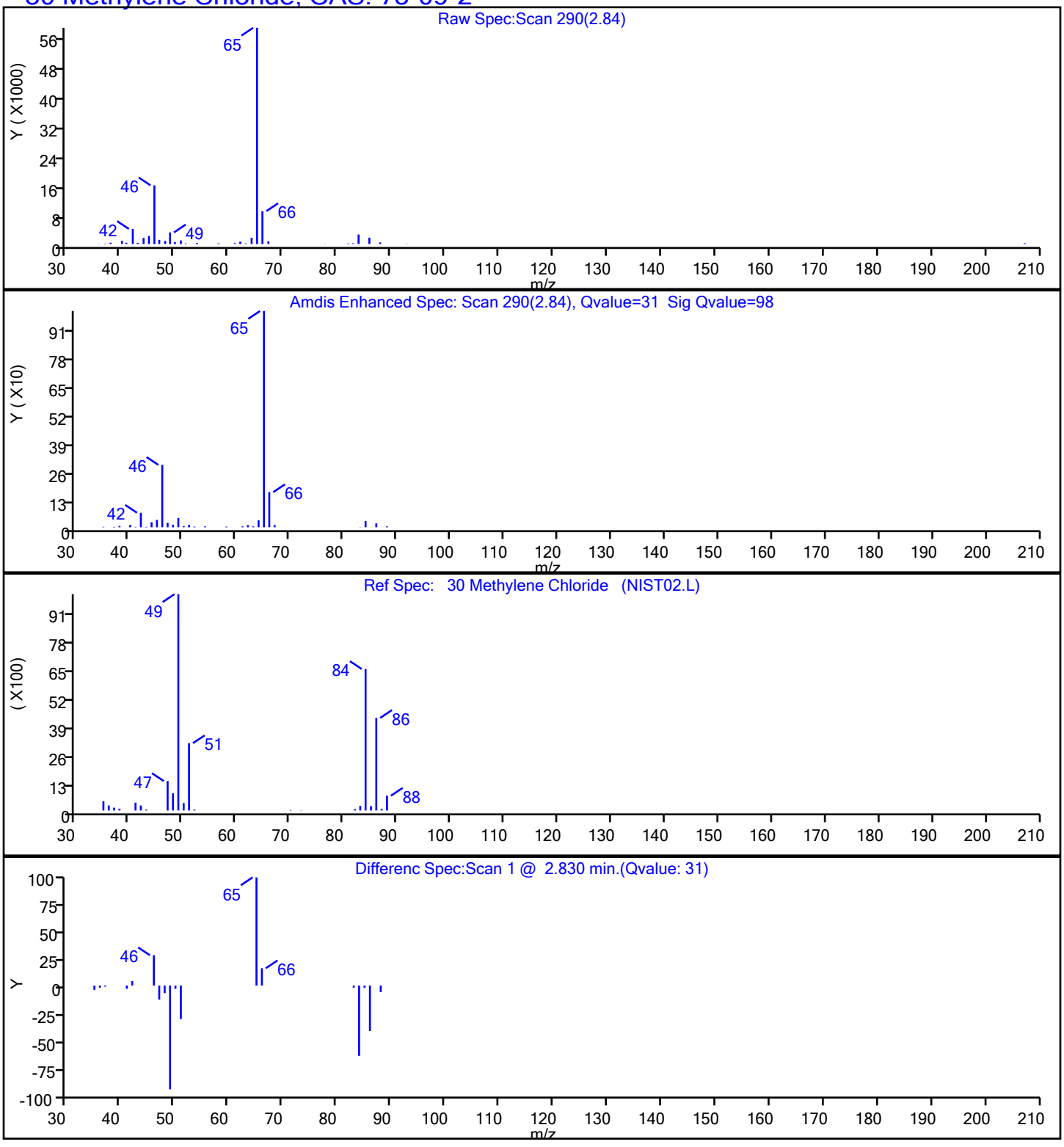
Report Date: 16-Sep-2024 13:34:12 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85044.D

Injection Date:	14-Sep-2024 04:05:30	Instrument ID:	CVOAMS17
Lims ID:	460-311225-A-6	Lab Sample ID:	460-311225-6
Client ID:	TB-01_20240910		
Operator ID:		ALS Bottle#:	31 Worklist Smp#: 30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

30 Methylene Chloride, CAS: 75-09-2



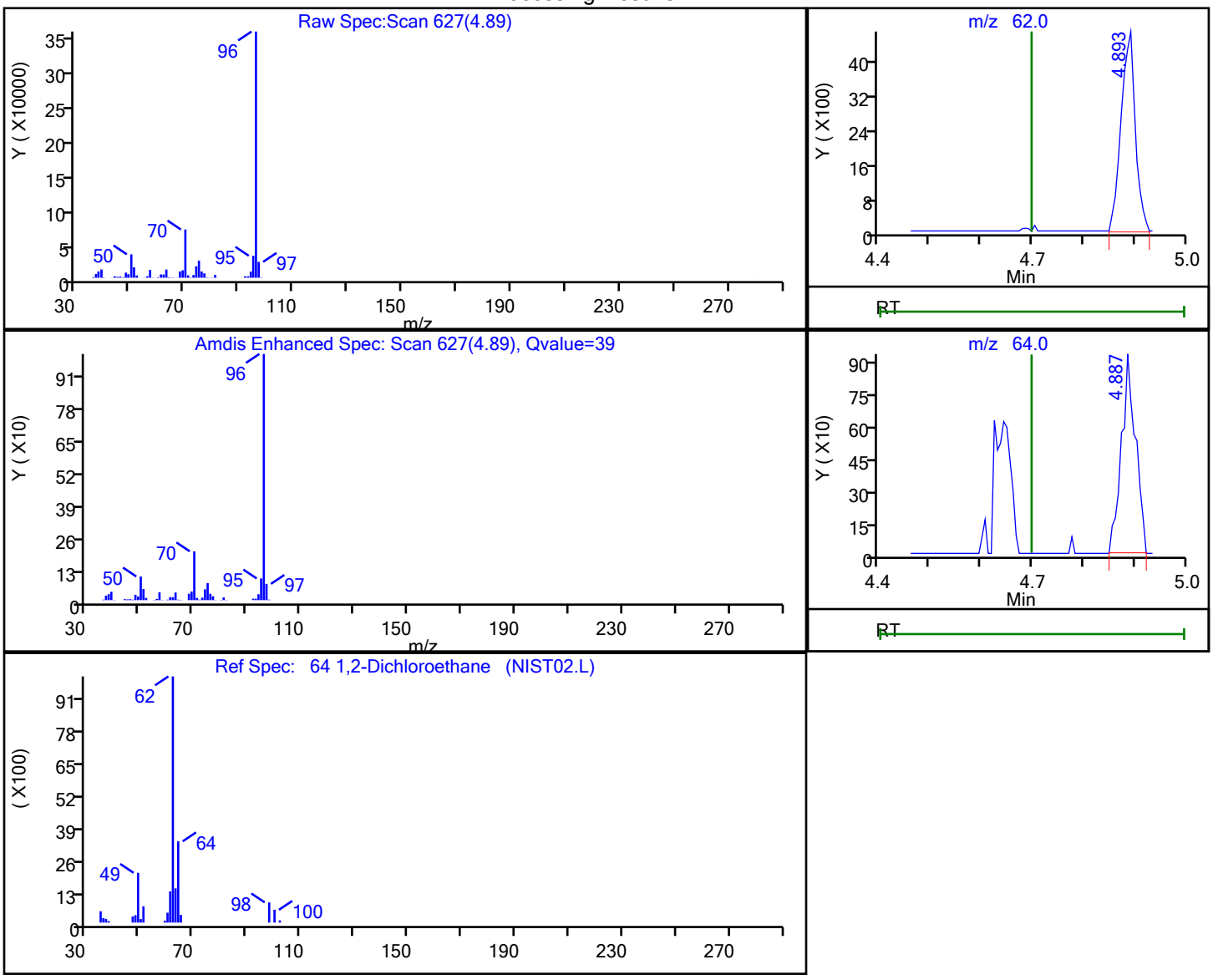
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85044.D				
Injection Date:	14-Sep-2024 04:05:30	Instrument ID:	CVOAMS17		
Lims ID:	460-311225-A-6	Lab Sample ID:	460-311225-6		
Client ID:	TB-01_20240910				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.89	62.00	8945	1.844780
4.89	64.00	1805	

Reviewer: FK2C, 14-Sep-2024 07:24:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison

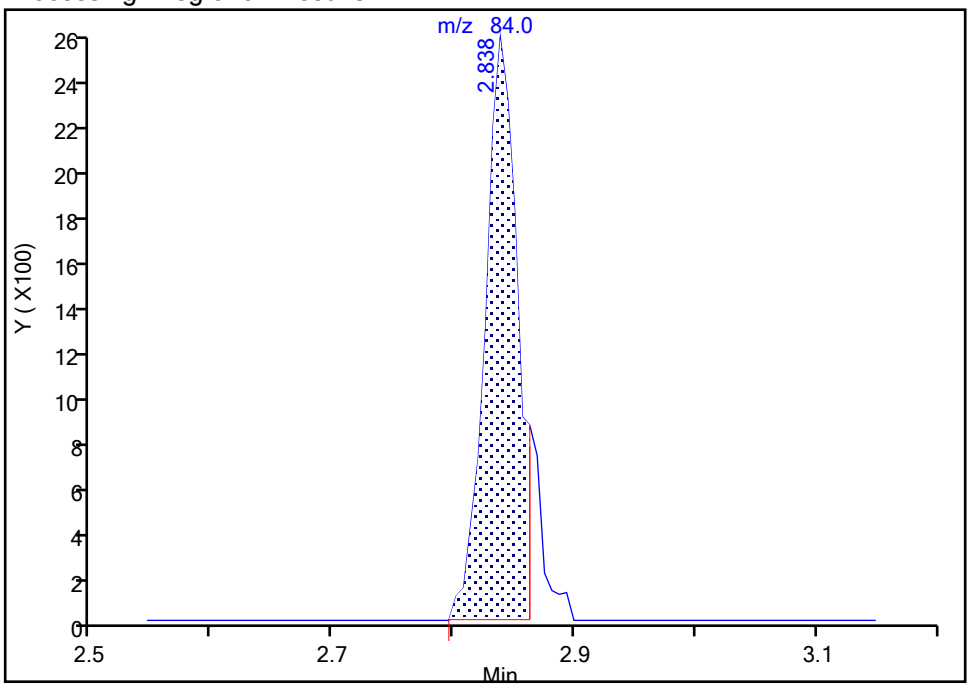
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85044.D		
Injection Date:	14-Sep-2024 04:05:30	Instrument ID:	CVOAMS17
Lims ID:	460-311225-A-6	Lab Sample ID:	460-311225-6
Client ID:	TB-01_20240910		
Operator ID:		ALS Bottle#:	31 Worklist Smp#: 30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

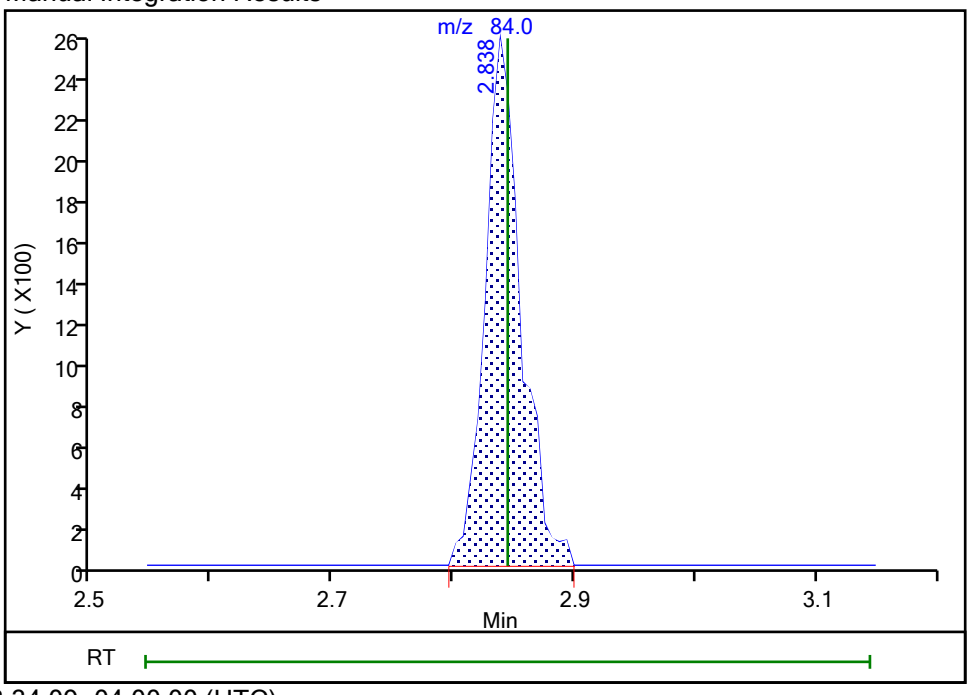
Processing Integration Results

RT: 2.84
Area: 4866
Amount: 1.118851
Amount Units: ug/l



Manual Integration Results

RT: 2.84
Area: 5344
Amount: 1.228759
Amount Units: ug/l



Reviewer: NN6A, 16-Sep-2024 13:34:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-311225-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-993368/3	TT84410.D
Level 2	STD05 460-993368/4	TT84411.D
Level 3	STD1 460-993368/5	TT84412.D
Level 4	STD5 460-993368/6	TT84413.D
Level 5	STD20 460-993368/7	TT84414.D
Level 6	STD50 460-993368/8	TT84415.D
Level 7	STD200 460-993368/9	TT84416.D
Level 8	STD500 460-993368/10	TT84417.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0707	0.0057 0.0514	0.0590 0.0643	0.0690	0.0647	QuaF		0.0468	0.0000348						0.9980		0.9900
Dichlorodifluoromethane	+++++ 0.2722	0.2902 0.3303	0.2982 +++++	0.3106	0.3024	Ave		0.3006			0.1000	6.5		20.0			
Chlorodifluoromethane	+++++ 0.0458	0.0408 0.0376	0.0883 0.0423	0.0523	0.0434	QuaF		0.0361	0.0000124						0.9990		0.9900
Chloromethane	+++++ 0.3717	0.3157 0.3645	0.3643 0.3536	0.3763	0.3752	Ave		0.3602			0.1000	5.9		20.0			
Vinyl chloride	+++++ 0.3010	0.2912 0.3075	0.3520 0.3225	0.3274	0.3111	Ave		0.3161			0.1000	6.3		20.0			
Butadiene	0.3030 0.2848	0.3033 0.2987	0.2382 0.3175	0.3252	0.3048	Ave		0.2969				9.0		20.0			
Bromomethane	+++++ 0.2261	0.2157 0.2133	0.2302 0.2025	0.2412	0.2328	Ave		0.2231			0.1000	6.0		20.0			
Chloroethane	+++++ 0.1864	0.2562 0.1795	0.2301 +++++	0.2087	0.1891	Ave		0.2083			0.1000	14.3		20.0			
Dichlorofluoromethane	+++++ 0.5196	0.5336 0.4924	0.6002 0.4822	0.5781	0.5176	Ave		0.5320				8.1		20.0			
Trichlorofluoromethane	+++++ 0.3064	0.3021 0.3201	0.3146 0.3388	0.3323	0.3243	Ave		0.3198			0.1000	4.1		20.0			
Pentane	+++++ 0.0396	0.0264 0.0325	0.0369 +++++	0.0358	0.0206	QuaF		0.0377	-0.000013						0.9960		0.9900
Ethanol	+++++ 0.3430	+++++ 0.3802	+++++ 0.3431	0.5889	0.3771	Lin2	48.567	0.3392							0.9940		0.9900
Ethyl ether	+++++ 0.1603	0.4168 0.1432	0.2834 0.1426	0.1792	0.1523	Lin2	0.1347	0.1480							0.9980		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-311225-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2262	0.2239 0.1978	0.2296 +++++	0.2148	0.1544	Ave		0.2078				13.7		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2231	0.1460 0.1932	0.1896 0.2262	0.2172	0.2154	Ave		0.2015				14.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3606	0.3269 0.3132	0.4007 0.3542	0.3787	0.3536	Ave		0.3554				8.3		20.0			
Acrolein	+++++ 0.0424	0.0536 0.0414	0.0345 0.0425	0.0410	0.0454	Ave		0.0430				13.3		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2134	0.1875 0.2088	0.2178 +++++	0.2056	0.1310	Ave		0.1940			0.1000	16.8		20.0			
1,1-Dichloroethene	+++++ 0.2274	0.2810 0.2063	0.2695 +++++	0.2543	0.1789	Ave		0.2362			0.1000	16.6		20.0			
Acetone	+++++ 0.6820	0.9530 0.7275	0.7296 0.6851	0.6541	0.6005	Ave		0.7188			0.0500	15.6		20.0			
Iodomethane	+++++ 0.4293	0.4291 0.3700	0.4870 0.3115	0.4422	0.3753	Ave		0.4063				14.2		20.0			
Isopropyl alcohol	+++++ 3.9217	4.3116 3.9600	4.3065 3.8556	4.5792	3.5333	Ave		4.0668				8.6		20.0			
Carbon disulfide	+++++ 0.8793	0.8834 0.6436	1.0209 +++++	0.9453	0.6945	Ave		0.8445			0.1000	17.3		20.0			
3-Chloro-1-propene	+++++ 0.1657	0.1690 0.1573	0.1810 0.1355	0.1753	0.1406	Ave		0.1606				10.7		20.0			
Methyl acetate	+++++ 0.2044	0.2407 0.1821	0.2055 0.1739	0.1909	0.1933	Ave		0.1987			0.1000	10.9		20.0			
Cyclopentene	+++++ 0.5350	0.5463 0.4356	0.5530 +++++	0.5268	0.3794	Ave		0.4960				14.4		20.0			
Acetonitrile	+++++ 0.3692	0.2981 0.2605	0.3102 0.2419	0.3688	0.3297	Ave		0.3112				15.8		20.0			
Methylene Chloride	+++++ 0.2861	0.3703 0.2608	0.3062 0.2450	0.3091	0.2711	Ave		0.2927			0.1000	14.1		20.0			
2-Methyl-2-propanol	+++++ 6.9484	5.3062 6.4565	7.8817 6.5883	6.2784	6.0732	Ave		6.5047				12.2		20.0			
Methyl tert-butyl ether	+++++ 0.7405	0.7473 0.7066	0.7739 0.6375	0.7796	0.7156	Ave		0.7287			0.1000	6.6		20.0			
trans-1,2-Dichloroethene	+++++ 0.2623	0.2713 0.2352	0.3117 0.1857	0.2818	0.2296	Ave		0.2540			0.1000	16.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-311225-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.1150 0.1032	0.0920 0.0924	0.1052 0.0761	0.1034	0.0987	Ave		0.0983				11.8		20.0			
Hexane	+++++ 0.3450	0.3321 0.2932	0.3197 0.0842	0.2908	0.1943	Ave		0.2656				35.4	*	20.0			
Isopropyl ether	+++++ 0.8949	0.9417 0.8152	1.0082 0.7041	0.9394	0.8326	Ave		0.8766				11.5		20.0			
1,1-Dichloroethane	+++++ 0.4841	0.5304 0.4446	0.5286 0.3755	0.4973	0.4374	Ave		0.4711			0.2000	11.8		20.0			
Vinyl acetate	+++++ 0.3593	0.3325 0.3776	0.2788 0.4353	0.3061	0.3263	Ave		0.3451				14.9		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2246	0.2076 0.2105	0.2476 0.1820	0.2340	0.1844	Ave		0.2130				11.5		20.0			
Tert-butyl ethyl ether	+++++ 0.8171	0.7552 0.7559	0.8377 0.6722	0.8385	0.7917	Ave		0.7812				7.6		20.0			
2,2-Dichloropropane	+++++ 0.0786	0.0729 0.0792	0.0727 0.0633	0.0719	0.0679	Ave		0.0723				7.7		20.0			
cis-1,2-Dichloroethene	+++++ 0.2896	0.3225 0.2664	0.3220 0.2460	0.3042	0.2623	Ave		0.2875			0.1000	10.5		20.0			
2-Butanone (MEK)	+++++ 0.2525	0.2726 0.2514	0.3147 0.2465	0.2604	0.2398	Ave		0.2625			0.0500	9.6		20.0			
Ethyl acetate	+++++ 0.2336	0.1587 0.2303	0.2948 0.2274	0.2424	0.2239	Ave		0.2301				17.3		20.0			
Methyl acrylate	+++++ 0.2262	0.2010 0.2170	0.2021 0.2206	0.1949	0.2088	Ave		0.2101				5.5		20.0			
Propionitrile	+++++ 10.916	11.098 10.589	13.611 8.7278	13.859	11.384	Ave		11.455				15.6		20.0			
Tetrahydrofuran	+++++ 0.2972	0.3432 0.2816	0.4047 0.2776	0.3159	0.2859	Ave		0.3152				14.5		20.0			
Chlorobromomethane	+++++ 0.1419	0.1388 0.1315	0.1601 0.1310	0.1494	0.1312	Ave		0.1405				7.8		20.0			
Methacrylonitrile	+++++ 0.1088	0.0938 0.0972	0.1098 0.0743	0.1076	0.1034	Ave		0.0993				12.6		20.0			
Chloroform	+++++ 0.4306	0.4191 0.4014	0.4686 0.3559	0.4616	0.3987	Ave		0.4194			0.2000	9.3		20.0			
Cyclohexane	+++++ 0.3603	0.2881 0.3277	0.3861 +++++	0.3477	0.2365	Ave		0.3244			0.1000	16.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-311225-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.3241	0.3361 0.3164	0.3497 0.2256	0.3425	0.2708	Ave		0.3093			0.1000	14.6		20.0			
Carbon tetrachloride	+++++ 0.2274	0.2153 0.2386	0.2150 0.1576	0.2052	0.1709	Ave		0.2043			0.1000	14.5		20.0			
1,1-Dichloropropene	+++++ 0.3395	0.3489 0.3134	0.3793 0.2091	0.3504	0.2835	Ave		0.3177				17.8		20.0			
Isobutyl alcohol	+++++ 2.4186	1.9833 +++++	1.8813 +++++	2.0318	2.5568	Ave		2.1744				13.6		20.0			
Isooctane	+++++ 0.8711	0.7881 0.8816	0.8442 0.5326	0.7666	0.5446	Ave		0.7470				19.9		20.0			
Benzene	+++++ 1.4630	1.6180 1.2447	1.5868 +++++	1.5308	1.3203	Ave		1.4606			0.5000	10.2		20.0			
Isopropyl acetate	+++++ 0.1382	0.1017 0.1376	0.1409 0.1355	0.1332	0.1271	Ave		0.1306				10.3		20.0			
Tert-amyl methyl ether	+++++ 0.8677	0.7412 0.7423	0.8693 0.7538	0.8246	0.7516	Ave		0.7929				7.4		20.0			
1,2-Dichloroethane	+++++ 0.3257	0.3471 0.3039	0.3618 0.2834	0.3525	0.3095	Ave		0.3263			0.1000	8.8		20.0			
n-Heptane	+++++ 0.0578	0.0314 0.0544	0.0619 0.0185	0.0508	0.0342	Ave		0.0441				36.6	*	20.0			
n-Butanol	+++++ 1.4755	1.1053 1.8069	1.3200 1.7299	1.4472	1.3001	Ave		1.4550				16.9		20.0			
Trichloroethene	+++++ 0.2532	0.2504 0.2361	0.2602 0.1896	0.2508	0.2198	Ave		0.2372			0.2000	10.5		20.0			
Methylcyclohexane	+++++ 0.4032	0.3615 0.3925	0.4283 +++++	0.3652	0.2738	Ave		0.3708			0.1000	14.5		20.0			
Ethyl acrylate	+++++ 0.0360	0.0116 0.0354	0.0388 0.0285	0.0302	0.0256	QuaF		0.0393	-0.000022						0.9990		0.9900
1,2-Dichloropropane	+++++ 0.2753	0.2495 0.2649	0.2776 0.2493	0.2790	0.2621	Ave		0.2654			0.1000	4.7		20.0			
Methyl methacrylate	+++++ 0.0635	0.0365 0.0630	0.0527 0.0641	0.0540	0.0565	Ave		0.0558				17.4		20.0			
1,4-Dioxane	+++++ 1.0571	0.8372 1.3392	0.9936 1.2484	1.1008	1.0301	Ave		1.0866				15.3		20.0			
Dibromomethane	+++++ 0.1531	0.1507 0.1471	0.1615 0.1451	0.1634	0.1467	Ave		0.1525				4.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-311225-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.3444	0.3738 0.3467	0.3754 0.3390	0.3094	0.3154	Ave		0.3434				7.4		20.0			
Dichlorobromomethane	+++++ 0.2774	0.2740 0.2870	0.2728 0.2781	0.2821	0.2526	Ave		0.2749			0.2000	4.0		20.0			
2-Nitropropane	+++++ 0.0317	0.0726 0.0362	0.0527 0.0427	0.0348	0.0287	QuaF		0.0316	0.0000110						1.0000		0.9900
2-Chloroethyl vinyl ether	+++++ 0.1708	0.1647 0.1661	0.1617 0.1635	0.1714	0.1536	Ave		0.1646				3.7		20.0			
Epichlorohydrin	0.2197 0.2168	0.2270 0.2069	0.2221 0.1835	0.2138	0.2070	Ave		0.2121				6.4		20.0			
cis-1,3-Dichloropropene	+++++ 0.5721	0.4961 0.5546	0.5438 0.5090	0.5362	0.5063	Ave		0.5312			0.2000	5.3		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 0.9355	0.8222 0.9004	0.9270 0.7773	0.9018	0.8640	Ave		0.8755			0.0500	6.6		20.0			
Toluene	+++++ 1.4578	1.9355 1.2618	1.8854 +++++	1.5415	1.3408	Ave		1.5705			0.4000	17.9		20.0			
trans-1,3-Dichloropropene	+++++ 0.4801	0.4216 0.4747	0.4456 0.4493	0.4256	0.4325	Ave		0.4470			0.1000	5.2		20.0			
Ethyl methacrylate	+++++ 0.4530	0.2402 0.4582	0.3105 0.4386	0.3505	0.3792	QuaF		0.4669	-0.000056						1.0000		0.9900
1,1,2-Trichloroethane	+++++ 0.2654	0.2359 0.2536	0.2912 0.2466	0.2583	0.2527	Ave		0.2577			0.1000	6.8		20.0			
Tetrachloroethene	+++++ 0.3469	0.3682 0.3257	0.3701 0.2343	0.3575	0.2999	Ave		0.3289			0.2000	14.8		20.0			
1,3-Dichloropropane	+++++ 0.5338	0.5144 0.4960	0.5855 0.4623	0.5297	0.5069	Ave		0.5184				7.3		20.0			
2-Hexanone	+++++ 1.5425	1.3671 1.3778	1.5337 1.0129	1.4990	1.4411	Ave		1.3963			0.0500	13.1		20.0			
n-Butyl acetate	+++++ 0.5371	0.4320 0.5341	0.4317 0.4865	0.4295	0.4500	Ave		0.4716				10.2		20.0			
Chlorodibromomethane	+++++ 0.2674	0.2059 0.2877	0.2088 0.2982	0.2258	0.2230	Ave		0.2453			0.1000	15.7		20.0			
Ethylene Dibromide	+++++ 0.3043	0.3059 0.2833	0.2848 0.2769	0.2885	0.2794	Ave		0.2890			0.1000	4.0		20.0			
Chlorobenzene	+++++ 0.9503	0.9538 0.8657	1.0605 0.6825	1.0009	0.8739	Ave		0.9125			0.5000	13.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-311225-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.5234	0.5025 0.4923	0.5552 0.3989	0.5136	0.4650	Ave		0.4930			0.1000	10.1		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.2781	0.2636 0.3021	0.2695 0.2920	0.2281	0.2254	Ave		0.2656				11.1		20.0			
m-Xylene & p-Xylene	+++++ 0.6407	0.5450 0.6012	0.6804 0.4816	0.6131	0.5712	Ave		0.5904			0.1000	11.0		20.0			
o-Xylene	+++++ 0.6493	0.6111 0.6115	0.6403 0.5038	0.6073	0.5956	Ave		0.6027			0.3000	7.9		20.0			
n-Butyl acrylate	+++++ 0.2626	0.1685 +++++	0.1837 +++++	0.1799	0.2052	Ave		0.2000				18.7		20.0			
Styrene	+++++ 1.0555	0.9874 0.9602	0.9537 0.7305	1.0344	0.9570	Ave		0.9541			0.3000	11.1		20.0			
Bromoform	+++++ 0.1601	0.0932 0.1863	0.1034 0.1991	0.1235	0.1294	Qua2	-0.026	0.1390	0.0001380		0.1000				0.9920		0.9900
Amyl acetate (mixed isomers)	+++++ 1.1753	0.6542 1.2200	0.8182 1.0521	0.8091	0.9224	QuaF		1.3043	-0.000503						1.0000		0.9900
Isopropylbenzene	+++++ 1.4650	1.2835 1.2814	1.5069 +++++	1.3971	1.2854	Ave		1.3699			0.1000	7.4		20.0			
Bromobenzene	+++++ 0.7333	0.8123 0.6812	0.6924 0.6236	0.7563	0.6821	Ave		0.7116				8.6		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7288	0.6383 0.6919	0.6812 0.6667	0.7094	0.6918	Ave		0.6869			0.3000	4.2		20.0			
N-Propylbenzene	+++++ 3.3443	3.3690 2.6467	3.6041 +++++	3.3685	3.0370	Ave		3.2283				10.4		20.0			
1,2,3-Trichloropropane	+++++ 0.2012	0.1854 0.1896	0.1917 0.1945	0.2141	0.1959	Ave		0.1961				4.8		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1789	0.1260 0.1902	0.1442 0.2007	0.1300	0.1421	Ave		0.1589				19.1		20.0			
2-Chlorotoluene	+++++ 2.3018	2.2838 2.0334	2.4465 +++++	2.3823	2.1503	Ave		2.2663				6.7		20.0			
4-Ethyltoluene	+++++ 2.8164	2.7816 2.3710	2.8587 +++++	2.7845	2.6105	Ave		2.7038				6.8		20.0			
1,3,5-Trimethylbenzene	+++++ 2.3367	2.2389 2.0535	2.4030 +++++	2.2432	2.1488	Ave		2.2373				5.6		20.0			
4-Chlorotoluene	+++++ 2.2954	2.2558 1.9029	2.2186 +++++	2.2482	2.1470	Ave		2.1780				6.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-311225-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.7702	0.3735 0.8486	0.3810 0.7885	0.4487	0.5526	QuaF		0.8655	-0.000153						0.9990		0.9900
tert-Butylbenzene	+++++ 1.9827	1.9157 1.8467	1.9205 +++++	1.8839	1.7233	Ave		1.8788				4.7		20.0			
1,2,4-Trimethylbenzene	+++++ 2.4623	2.3250 2.0792	2.4210 +++++	2.4255	2.2682	Ave		2.3302				6.1		20.0			
sec-Butylbenzene	+++++ 3.0339	2.8924 2.4891	3.1063 +++++	2.9359	2.6432	Ave		2.8501				8.3		20.0			
1,3-Dichlorobenzene	+++++ 1.4251	1.3969 1.2805	1.4473 +++++	1.4681	1.3298	Ave		1.3913			0.6000	5.2		20.0			
4-Isopropyltoluene	+++++ 2.6452	2.2244 2.1959	2.6010 +++++	2.6125	2.3702	Ave		2.4415				8.4		20.0			
1,4-Dichlorobenzene	+++++ 1.4249	1.4138 1.2752	1.4373 +++++	1.4258	1.3449	Ave		1.3870			0.5000	4.6		20.0			
1,2,3-Trimethylbenzene	+++++ 2.6746	2.5962 2.1691	2.6789 +++++	2.5928	2.4796	Ave		2.5319				7.6		20.0			
Benzyl chloride	+++++ 1.1565	0.8156 1.2322	0.8315 1.0234	0.8290	0.9697	Ave		0.9797				17.1		20.0			
Indan	+++++ 2.5724	2.2234 2.0772	2.5745 +++++	2.5496	2.4421	Ave		2.4065				8.7		20.0			
p-Diethylbenzene	+++++ 1.6902	1.4209 1.5079	1.5716 +++++	1.6434	1.5283	Ave		1.5604				6.2		20.0			
n-Butylbenzene	+++++ 1.4290	1.2084 1.3102	1.3884 +++++	1.4118	1.2761	Ave		1.3373				6.5		20.0			
1,2-Dichlorobenzene	+++++ 1.3975	1.2760 1.2540	1.4953 +++++	1.4083	1.3680	Ave		1.3665			0.4000	6.6		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.6054	2.4990 2.0808	2.4962 +++++	2.5308	2.4365	Ave		2.4414				7.6		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1047	0.0662 0.1164	0.0808 +++++	0.0711	0.0825	QuaF		0.0963	0.0001009		0.0500				1.0000		0.9900
1,3,5-Trichlorobenzene	+++++ 1.1984	1.2324 1.1032	1.1520 +++++	1.1722	1.1346	Ave		1.1655				4.0		20.0			
1,2,4-Trichlorobenzene	+++++ 1.1474	0.9771 1.0360	1.2379 0.7339	1.1087	1.0705	Ave		1.0445			0.2000	15.3		20.0			
Hexachlorobutadiene	+++++ 0.5686	0.5262 0.5812	0.6445 0.3692	0.5690	0.5026	Ave		0.5373				16.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-311225-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 2.6676	2.2473 2.0816	2.6304 +++++	2.4948	2.5103	Ave		2.4387				9.4		20.0			
1,2,3-Trichlorobenzene	+++++ 1.1141	1.0291 1.0180	1.1479 +++++	1.0810	1.0442	Ave		1.0724				4.8		20.0			
Dibromofluoromethane (Surr)	0.2348 0.2437	0.2388 0.2428	0.2461 0.2429	0.2445	0.2421	Ave		0.2420				1.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2846 0.2901	0.2804 0.2867	0.2850 0.2976	0.2848	0.2794	Ave		0.2861				2.0		20.0			
Toluene-d8 (Surr)	1.3487 1.3424	1.3514 1.3447	1.3485 1.3309	1.3187	1.3294	Ave		1.3394				0.9		20.0			
4-Bromofluorobenzene	0.4249 0.4247	0.4165 0.4205	0.4233 0.4105	0.4239	0.4186	Ave		0.4204				1.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-311225-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-993368/3	TT84410.D
Level 2	STD05 460-993368/4	TT84411.D
Level 3	STD1 460-993368/5	TT84412.D
Level 4	STD5 460-993368/6	TT84413.D
Level 5	STD20 460-993368/7	TT84414.D
Level 6	STD50 460-993368/8	TT84415.D
Level 7	STD200 460-993368/9	TT84416.D
Level 8	STD500 460-993368/10	TT84417.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 53801	44 162110	869 539370	5195	19442	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 207020	2228 1042245	4394 +++++	23398	90798	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Chlorodifluoromethane	FB	QuaF	+++++ 34831	313 118499	1301 354929	3940	13027	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 282674	2424 1150107	5369 2964620	28347	112662	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 228967	2236 970397	5188 2704086	24663	93409	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1204 216587	2329 942423	3511 2662135	24498	91514	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 172000	1656 672942	3393 1697817	18168	69906	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 141736	1967 566334	3391 +++++	15726	56795	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 395205	4097 1553847	8846 4043243	43554	155424	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 233053	2320 1010002	4636 2840667	25033	97371	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	QuaF	+++++ 60290	406 204922	1088 +++++	5396	12371	+++++ 100	1.00 400	2.00 +++++	10.0	40.0
Ethanol	TBAd9	Lin2	+++++ 35649	+++++ 161235	+++++ 458088	4906	14031	+++++ 2000	+++++ 8000	+++++ 20000	200	800
Ethyl ether	FB	Lin2	+++++ 121906	3200 451936	4176 1195813	13497	45741	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 172034	1719 624277	3384 +++++	16179	46358	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 169711	1121 609493	2794 1897047	16365	64690	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-311225-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 274264	2510 988297	5905 2970032	28531	106189	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	+++++ 64502	1645 130687	2032 285379	12364	27263	+++++ 100	2.00 200	4.00 400	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 162278	1440 658910	3210 +++++	15491	39322	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,1-Dichloroethene	FB	Ave	+++++ 172977	2158 650894	3972 +++++	19159	53707	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Acetone	BUT	Ave	+++++ 290517	3769 1294320	5810 3402964	26613	98299	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	+++++ 326506	3295 1167619	7177 2612053	33312	112682	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 101890	880 419842	1737 1286832	9537	32866	+++++ 500	5.00 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	+++++ 668760	6783 2030726	15045 +++++	71216	208546	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 126041	1298 496313	2667 1136356	13206	42210	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 310991	3697 1149438	6056 2915935	28766	116061	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 406899	4195 1374648	8150 +++++	39689	113930	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Acetonitrile	BUT	Ave	+++++ 314535	2358 927126	4940 2402595	30008	107930	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 217627	2843 823038	4512 2054374	23289	81396	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 180527	1083 684533	3179 2198901	13076	56492	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	+++++ 563175	5738 2229557	11405 5345732	58732	214874	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 199528	2083 742155	4594 1557539	21231	68954	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	3657 784684	7067 2917096	15505 6379978	77919	296415	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 262399	2550 925192	4712 706245	21905	58343	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 680621	7231 2572298	14858 5903918	70772	249997	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 368161	4073 1402859	7790 3148960	37466	131331	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-311225-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Vinyl acetate	BUT	Ave	+++++ 61212	526 268759	888 864927	4982	21364	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 170832	1594 664236	3649 1525911	17628	55366	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 621479	5799 2385024	12345 5636746	63169	237711	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 59779	560 249805	1071 530531	5417	20384	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 220273	2476 840557	4745 2062470	22915	78756	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	+++++ 107537	1078 447232	2506 1224508	10594	39252	+++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 39794	251 163873	939 451876	3945	14658	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 172034	1543 684693	2978 1849793	14680	62688	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd9	Ave	+++++ 283613	2265 1122678	5490 2912975	28865	105890	+++++ 500	5.00 2000	10.0 5000	50.0	200
Tetrahydrofuran	BUT	Ave	+++++ 50643	543 200427	1289 551568	5140	18717	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Chlorobromomethane	FB	Ave	+++++ 107921	1066 414865	2359 1098245	11256	39394	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	+++++ 827560	7199 3067017	16180 6230054	81049	310440	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 327502	3218 1266553	6906 2984524	34774	119706	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 274015	2212 1034058	5690 +++++	26195	71026	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 246535	2581 998235	5153 1891529	25804	81308	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 172948	1653 752803	3168 1321700	15456	51314	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 258246	2679 989015	5590 1753410	26399	85126	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 157092	1012 +++++	1897 +++++	10579	59457	+++++ 1250	12.5 +++++	25.0 +++++	125	500
Isooctane	FB	Ave	+++++ 662562	6051 2781946	12442 4465955	57756	163531	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 789641	8574 2848559	16573 +++++	82447	281551	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-311225-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Isopropyl acetate	FB	Ave	+++++ 105081	781 434229	2077 1136534	10035	38158	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 659971	5691 2342305	12811 6321068	62126	225670	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 247739	2665 958964	5332 2376646	26557	92940	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 43952	241 171680	912 155049	3828	10281	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 95838	564 478916	1331 1443443	7535	30234	+++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 192609	1923 744870	3835 1589878	18897	65984	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 306689	2776 1238604	6312 +++++	27517	82214	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Ethyl acrylate	FB	QuaF	+++++ 27410	89 111757	572 238571	2273	7693	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 209351	1916 836022	4091 2090847	21016	78711	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 96525	560 397823	1554 1074433	8139	33958	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 40830	720 164432	1575 464769	4008	14292	+++++ 1000	25.0 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	+++++ 116441	1157 464145	2380 1216586	12311	44051	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 261956	2870 1093991	5533 2842478	23308	94713	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	+++++ 210962	2104 905573	4020 2332147	21255	75848	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	QuaF	+++++ 48209	1115 228389	1552 715471	5247	17241	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 130234	1268 525466	2389 1374141	12947	46237	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1841 369479	3591 1472568	7074 3645202	34795	135521	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 308760	2629 1269175	5680 3111522	28882	107960	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 398487	3252 1602068	7382 3860713	36688	141420	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++	10256	19692	83026	285919	+++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-311225-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			786819	2887517	+++++			50.0	200	+++++		
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 259110	2234 1086262	4654 2746373	22923	92220	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZd5	QuaF	+++++ 244497	1273 1048621	3243 2681146	18880	80867	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 143222	1250 580434	3041 1507602	13911	53882	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Ave	+++++ 187252	1951 745266	3865 1432037	19255	63942	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 288130	2726 1135169	6115 2826061	28531	108095	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 657031	5407 2451468	12214 5030824	60986	235893	+++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd5	Ave	+++++ 289879	2289 1222252	4509 2973678	23134	95962	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBNZd5	Ave	+++++ 144311	1091 658507	2181 1822645	12161	47553	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZd5	Ave	+++++ 164226	1621 648323	2975 1692728	15537	59584	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 512880	5054 1981185	11076 4171973	53911	186358	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 282468	2663 1126615	5799 2438718	27662	99148	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 150105	1397 691463	2815 1784857	12287	48055	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 345782	2888 1375720	7106 2944065	33020	121807	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZd5	Ave	+++++ 350433	3238 1399457	6687 3079741	32707	126998	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-311225-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butyl acrylate	CBNZd5	Ave	+++++ 141751	893 +++++	1919 +++++	9687	43763	+++++ 50.0	0.500 +++++	1.00 +++++	5.00	20.0
Styrene	CBNZd5	Ave	+++++ 569661	5232 2197483	9961 4465588	55715	204083	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZd5	Qua2	+++++ 86385	494 426243	1080 1217270	6654	27602	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	QuaF	+++++ 362356	1937 1575582	4819 3478634	24414	109884	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 790679	6801 2932394	15739 +++++	75249	274104	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 226091	2405 879797	4078 2061871	22820	81261	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 224690	1890 893591	4012 2204604	21405	82414	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 1031101	9975 3418095	21227 +++++	101645	361817	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 62032	549 244842	1129 642973	6461	23342	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 55143	373 245682	849 663589	3923	16928	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 709689	6762 2626026	14409 +++++	71886	256171	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 868359	8236 3061974	16837 +++++	84022	310997	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 720436	6629 2651978	14153 +++++	67688	256000	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 707720	6679 2457518	13067 +++++	67840	255786	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Butyl Methacrylate	DCBd4	QuaF	+++++ 237463	1106 1095950	2244 2607074	13540	65832	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 611290	5672 2384983	11311 +++++	56847	205306	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 759181	6884 2685218	14259 +++++	73188	270226	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 935405	8564 3214567	18295 +++++	88591	314892	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 439369	4136 1653754	8524 +++++	44299	158427	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-311225-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Isopropyltoluene	DCBd4	Ave	+++++ 815553	6586 2835901	15319 +++++	78832	282371	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 439317	4186 1646817	8465 +++++	43024	160218	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 824614	7687 2801254	15778 +++++	78236	295403	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 356575	2415 1591290	4897 3383816	25014	115528	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 793118	6583 2682634	15163 +++++	76935	290937	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 521107	4207 1947360	9256 +++++	49589	182074	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 440576	3578 1692074	8177 +++++	42601	152024	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 430887	3778 1619427	8807 +++++	42495	162977	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 803294	7399 2687202	14702 +++++	76366	290271	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	QuaF	+++++ 32290	196 150385	476 +++++	2144	9829	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 369501	3649 1424767	6785 +++++	35371	135169	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 353761	2893 1337970	7291 2426732	33454	127533	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 175312	1558 750616	3796 1220751	17169	59875	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	+++++ 822459	6654 2688308	15492 +++++	75281	299067	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 343502	3047 1314680	6761 +++++	32618	124400	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	186606 185359	183336 191530	181380 203698	184231	181765	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	226150 220651	215314 226145	209991 249535	214599	209757	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	762784 724540	716109 769312	704212 813589	710246	708732	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	240320 229236	220729 240593	221049 250955	228299	223148	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-311225-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-311225-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-993368/3	TT84410.D
Level 2	STD05 460-993368/4	TT84411.D
Level 3	STD1 460-993368/5	TT84412.D
Level 4	STD5 460-993368/6	TT84413.D
Level 5	STD20 460-993368/7	TT84414.D
Level 6	STD50 460-993368/8	TT84415.D
Level 7	STD200 460-993368/9	TT84416.D
Level 8	STD500 460-993368/10	TT84417.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethanol	+++++	+++++	+++++	2.0						30		
Ethyl ether	+++++	-0.5						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 30-Aug-2024 08:07:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0180260-003
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:10:52 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:33:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.588	1.570	0.018	28	1204	0.2500	0.2551	Ma
* 31 TBA-d9 (IS)	66	2.838	2.832	0.006	0	34478	1000.0	1000.0	
35 Acrylonitrile	53	3.082	3.070	0.012	99	3657	2.00	2.34	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	419005	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	186606	50.0	48.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	226150	50.0	49.7	
* 66 Fluorobenzene	96	4.892	4.886	0.006	98	794663	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	29940	1000.0	1000.0	
80 Epichlorohydrin	57	6.221	6.222	-0.001	96	1841	5.00	5.18	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	762784	50.0	50.4	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	87	565550	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	96	240320	50.0	50.5	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	312475	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

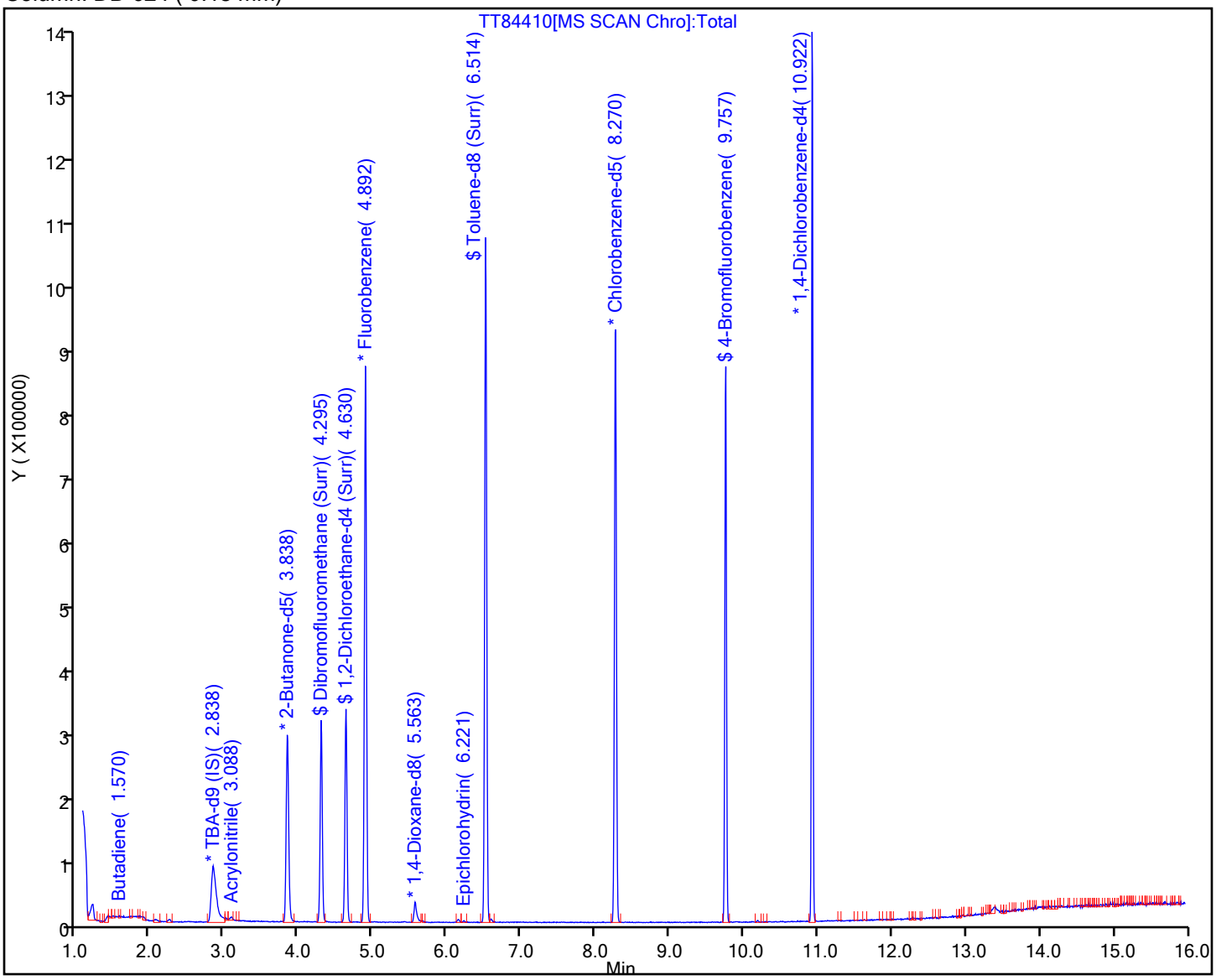
Reagents:

524FREONS_00023	Amount Added:	0.00	Units: uL	
ACROLEIN W_00173	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	0.00	Units: uL	
14DIOXINTER_00172	Amount Added:	0.00	Units: uL	
GASES Li_00600	Amount Added:	2.50	Units: uL	
V7FreonSS_00001	Amount Added:	0.00	Units: uL	
Ethanol mix_00092	Amount Added:	0.00	Units: uL	
MIX I Hi_00179	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00152	Amount Added:	0.00	Units: uL	
GAS Hi_00477	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00128	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:10:52 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

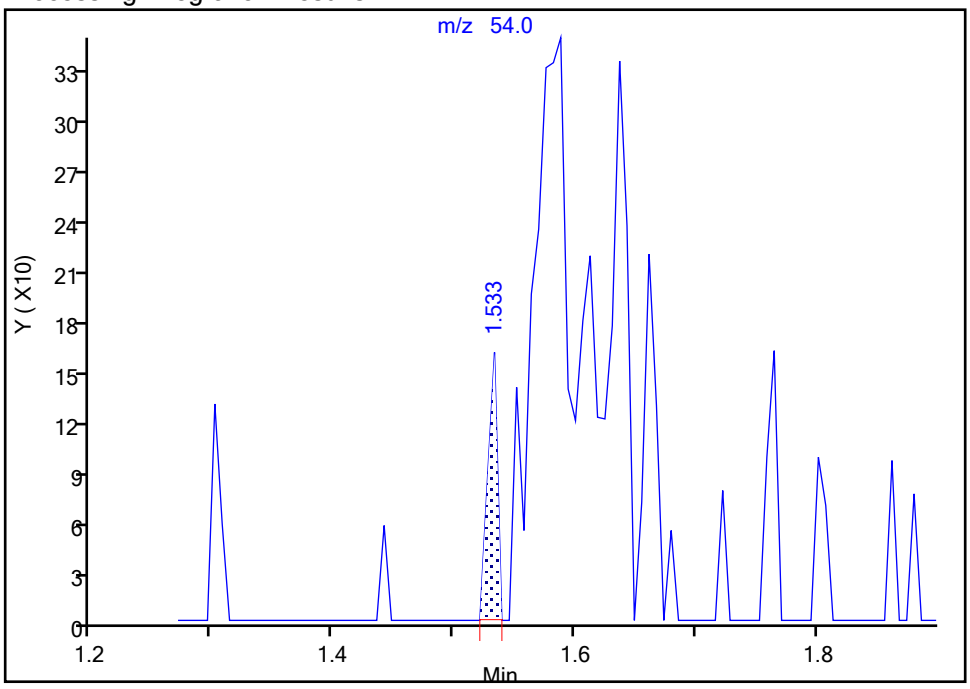
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

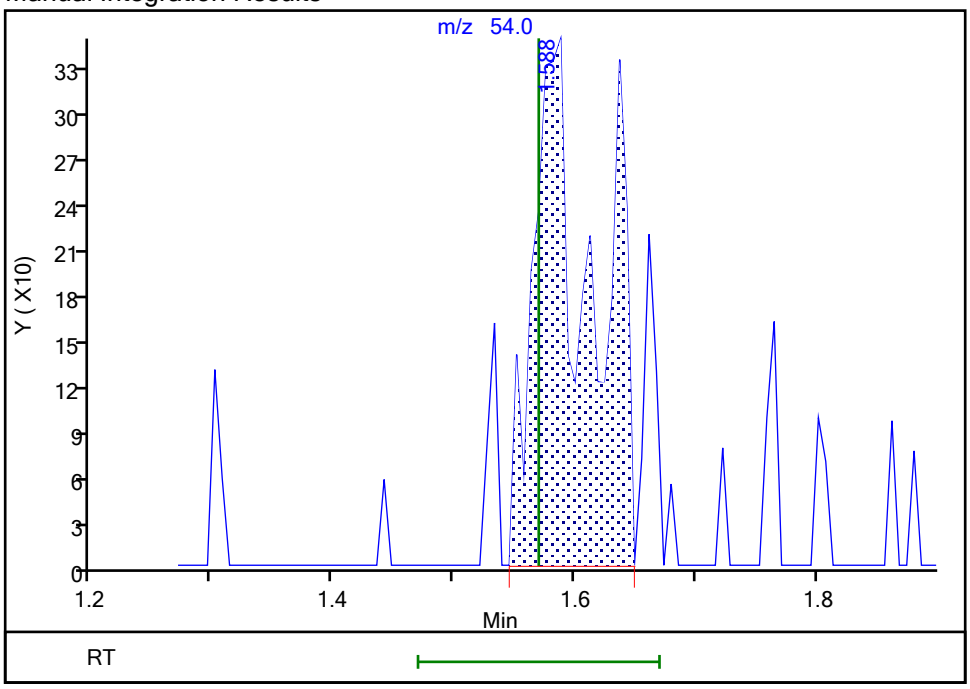
Processing Integration Results

RT: 1.53
Area: 89
Amount: 0.474863
Amount Units: ug/l



Manual Integration Results

RT: 1.59
Area: 1204
Amount: 0.255128
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:39:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

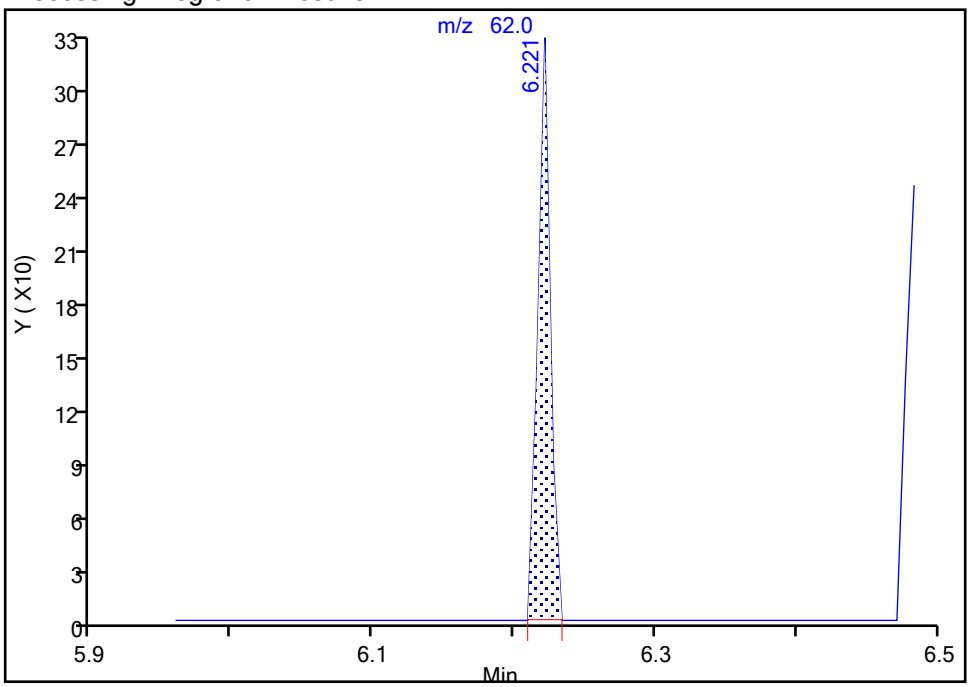
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 2

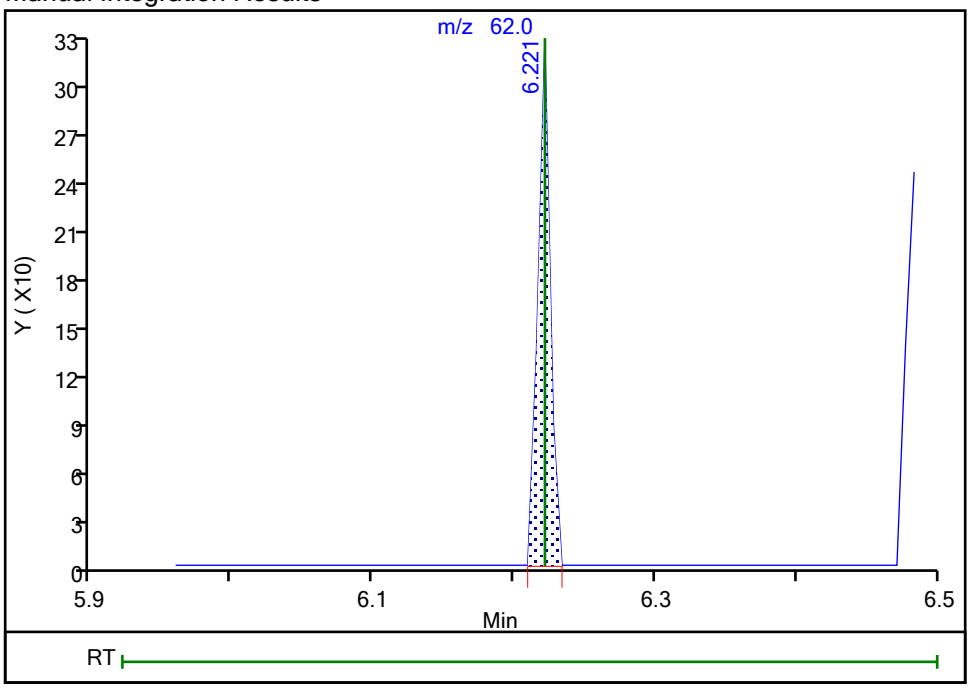
Processing Integration Results

RT: 6.22
Area: 198
Amount: 4.927587
Amount Units: ug/l



Manual Integration Results

RT: 6.22
Area: 198
Amount: 5.178933
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:33:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

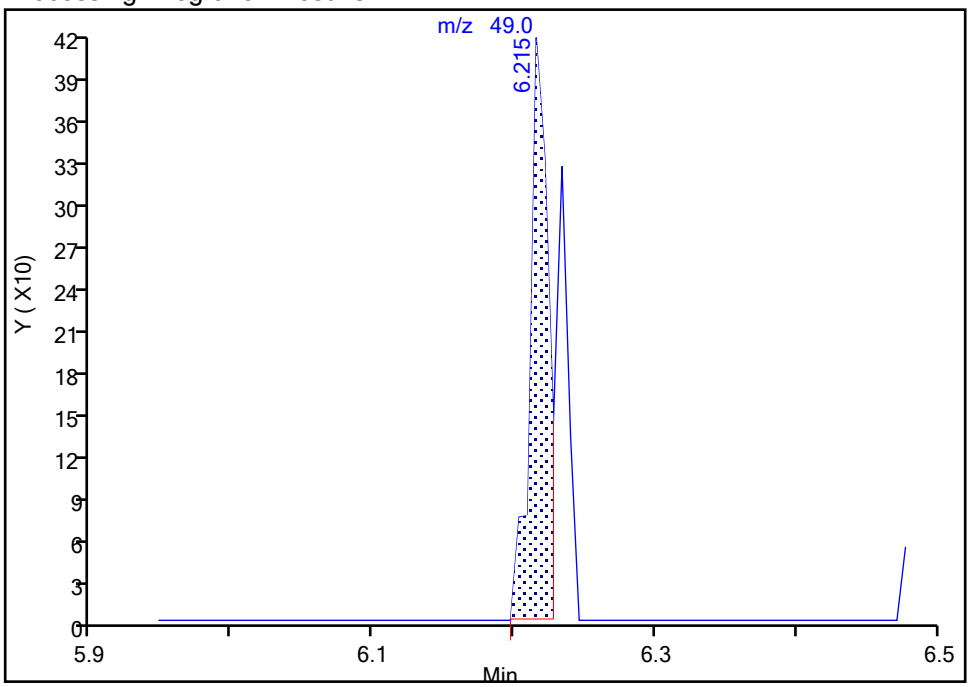
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 3

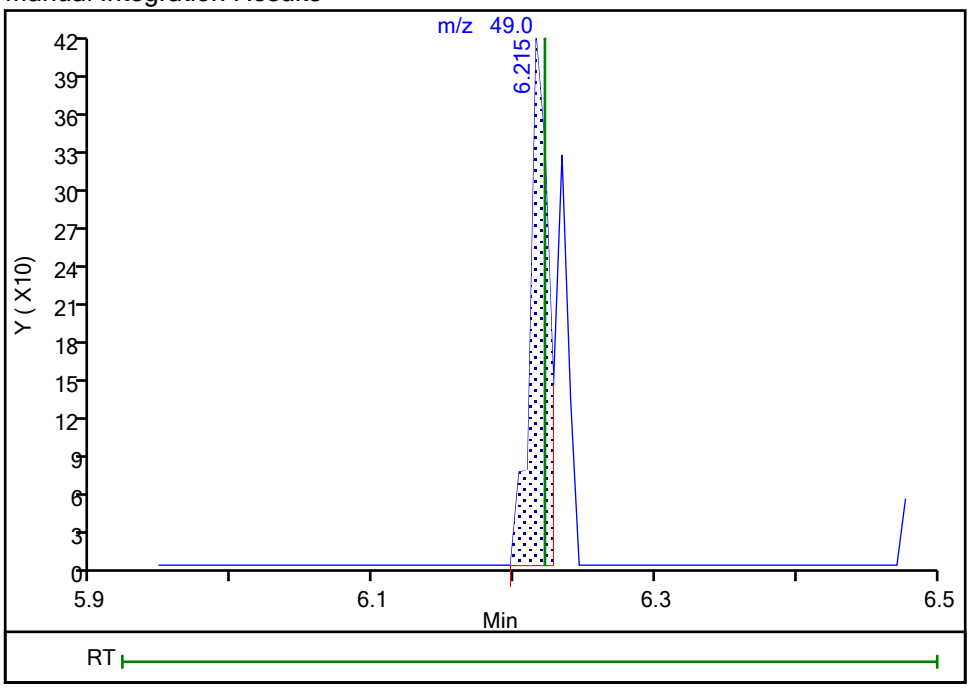
Processing Integration Results

RT: 6.22
Area: 376
Amount: 4.927587
Amount Units: ug/l



Manual Integration Results

RT: 6.22
Area: 376
Amount: 5.178933
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:33:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

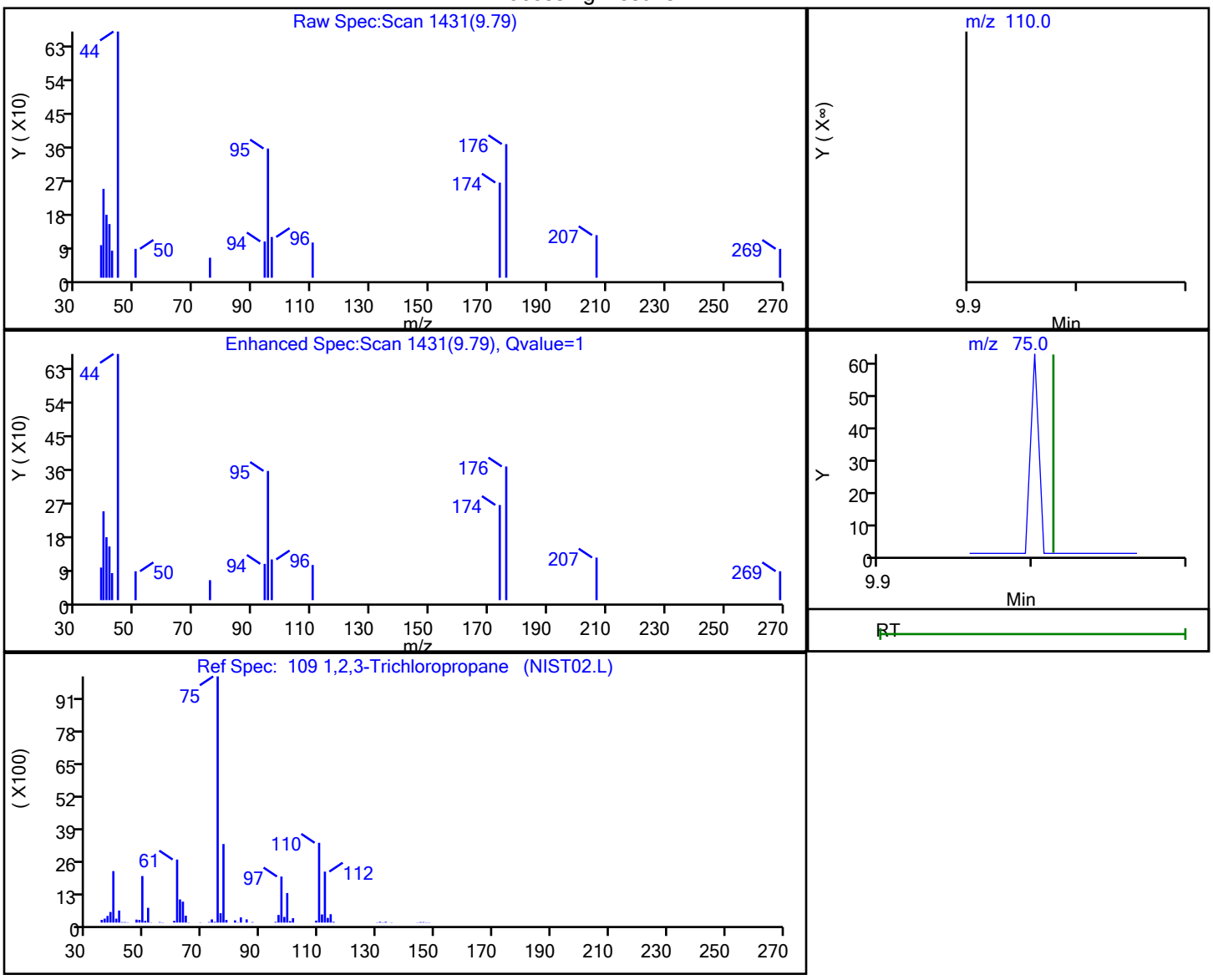
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.79	110.00	63	0.053463
9.80	75.00	40	

Reviewer: FK2C, 30-Aug-2024 09:33:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

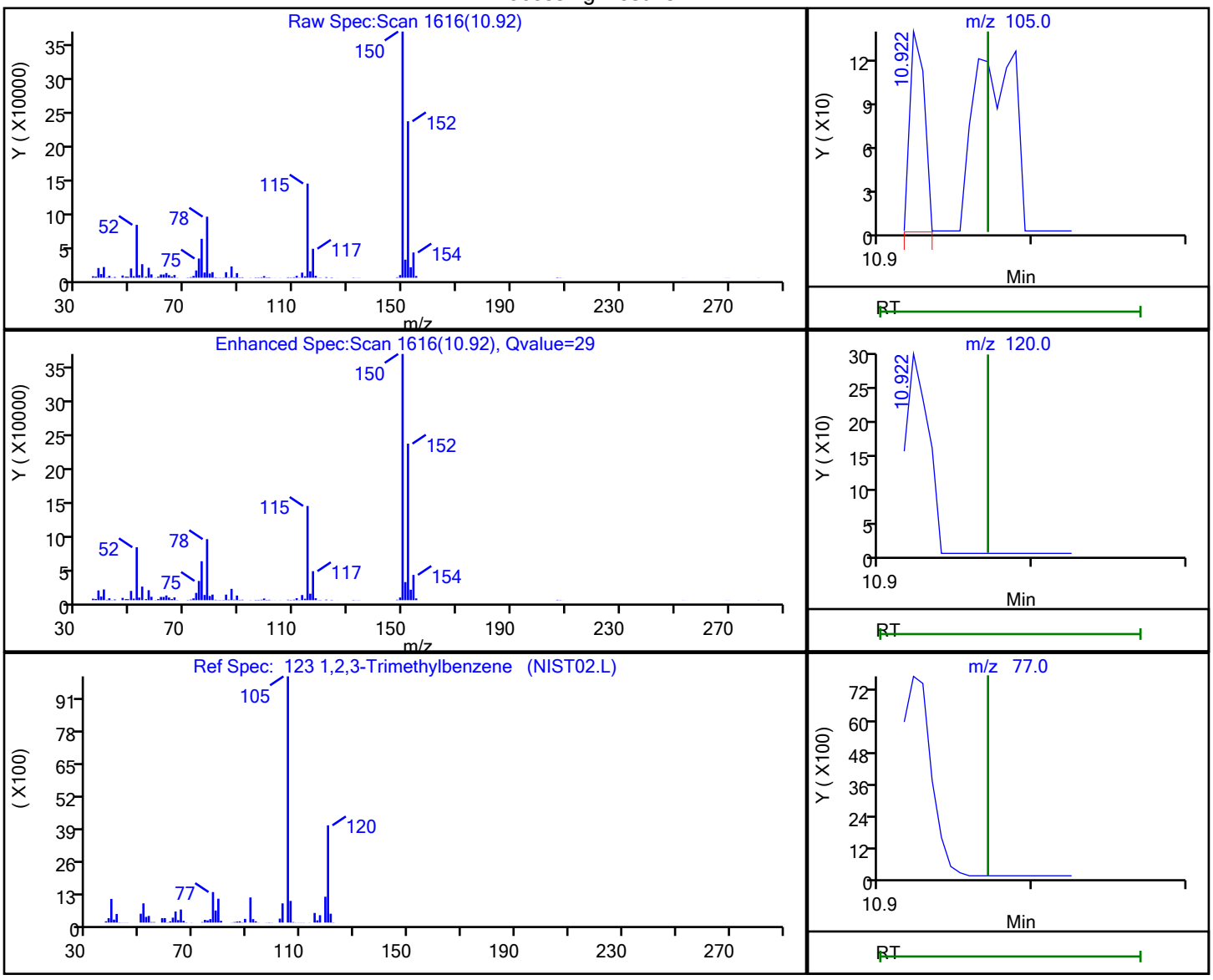
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.92	105.00	87	0.005278
10.92	120.00	336	
10.92	77.00	10715	

Reviewer: FK2C, 30-Aug-2024 09:33:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

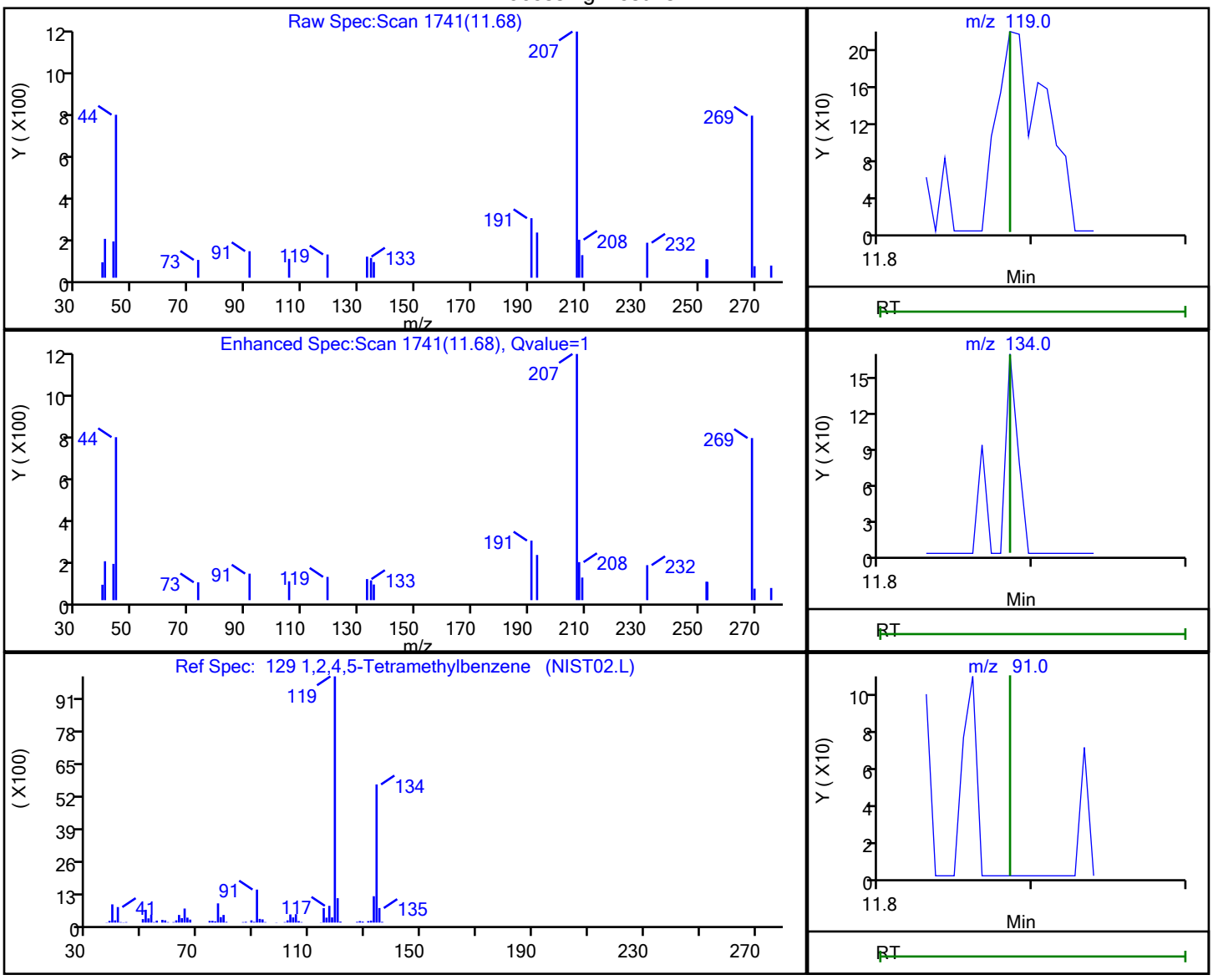
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.68	119.00	59	0.003780
11.68	134.00	118	
11.68	91.00	96	

Reviewer: FK2C, 30-Aug-2024 09:33:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

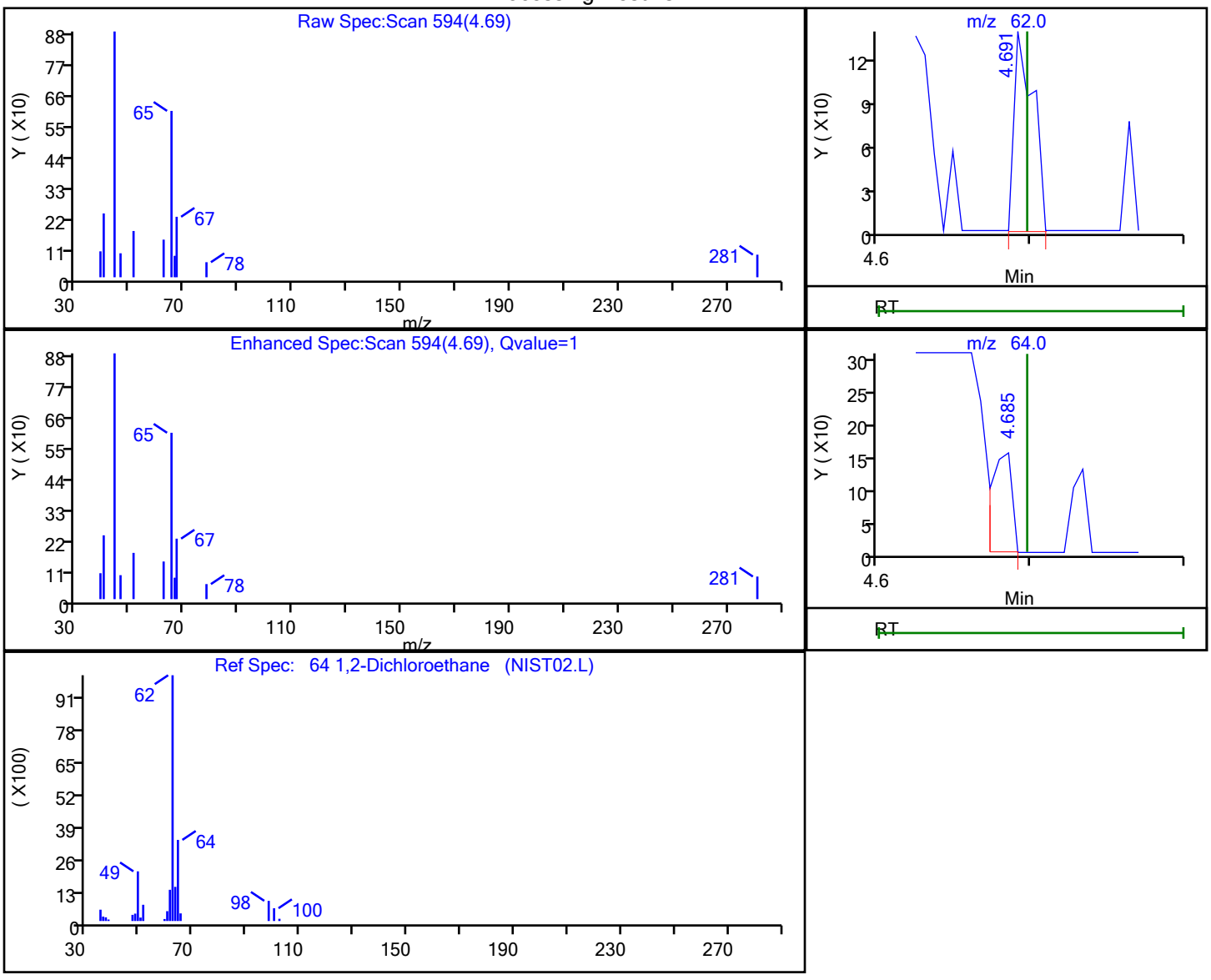
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.69	62.00	117	0.020770
4.69	64.00	143	

Reviewer: FK2C, 30-Aug-2024 09:33:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

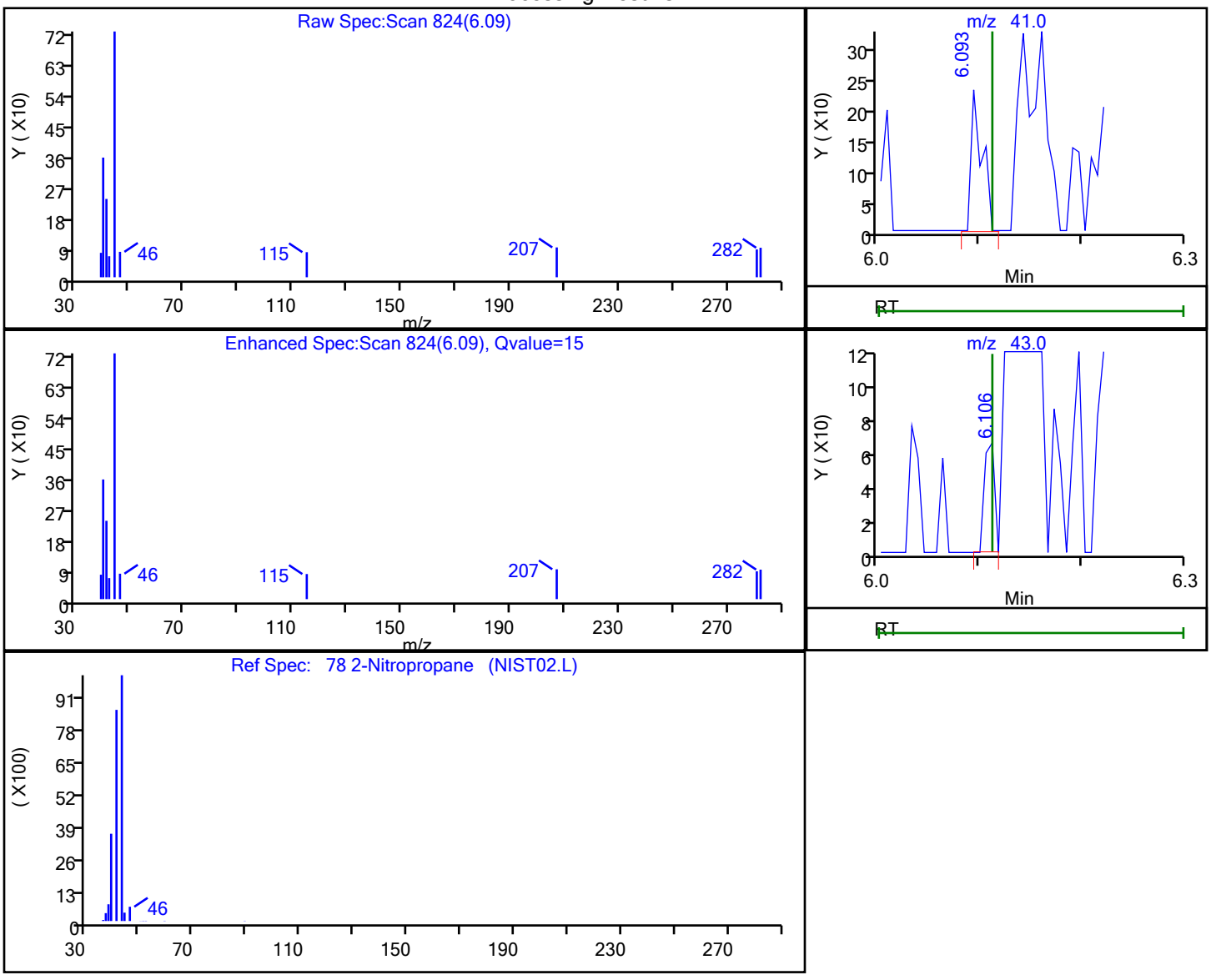
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.09	41.00	174	0.108619
6.11	43.00	45	

Reviewer: FK2C, 30-Aug-2024 09:33:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

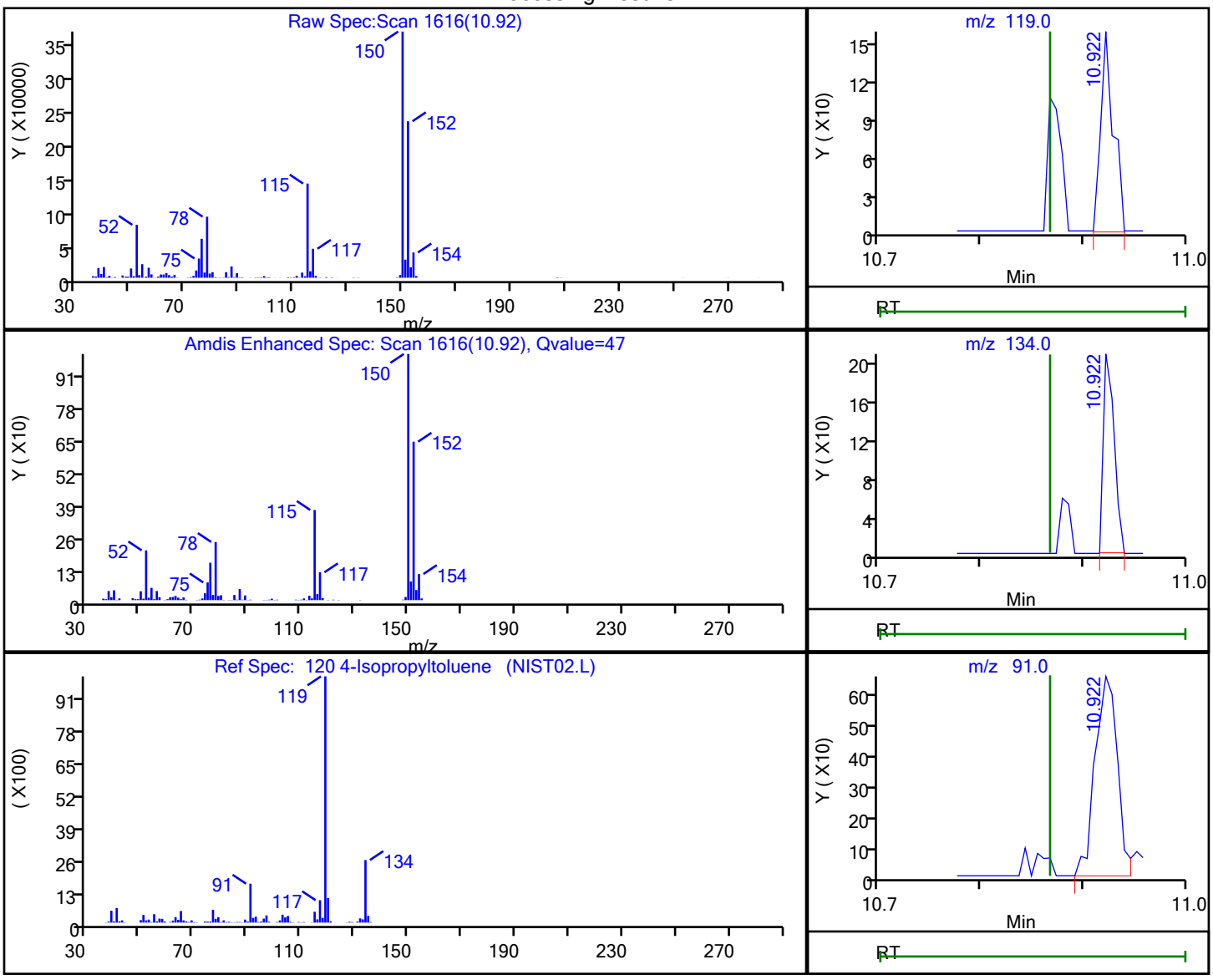
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

120 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.92	119.00	136	0.009020
10.92	134.00	153	
10.92	91.00	1006	

Reviewer: FK2C, 30-Aug-2024 09:33:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

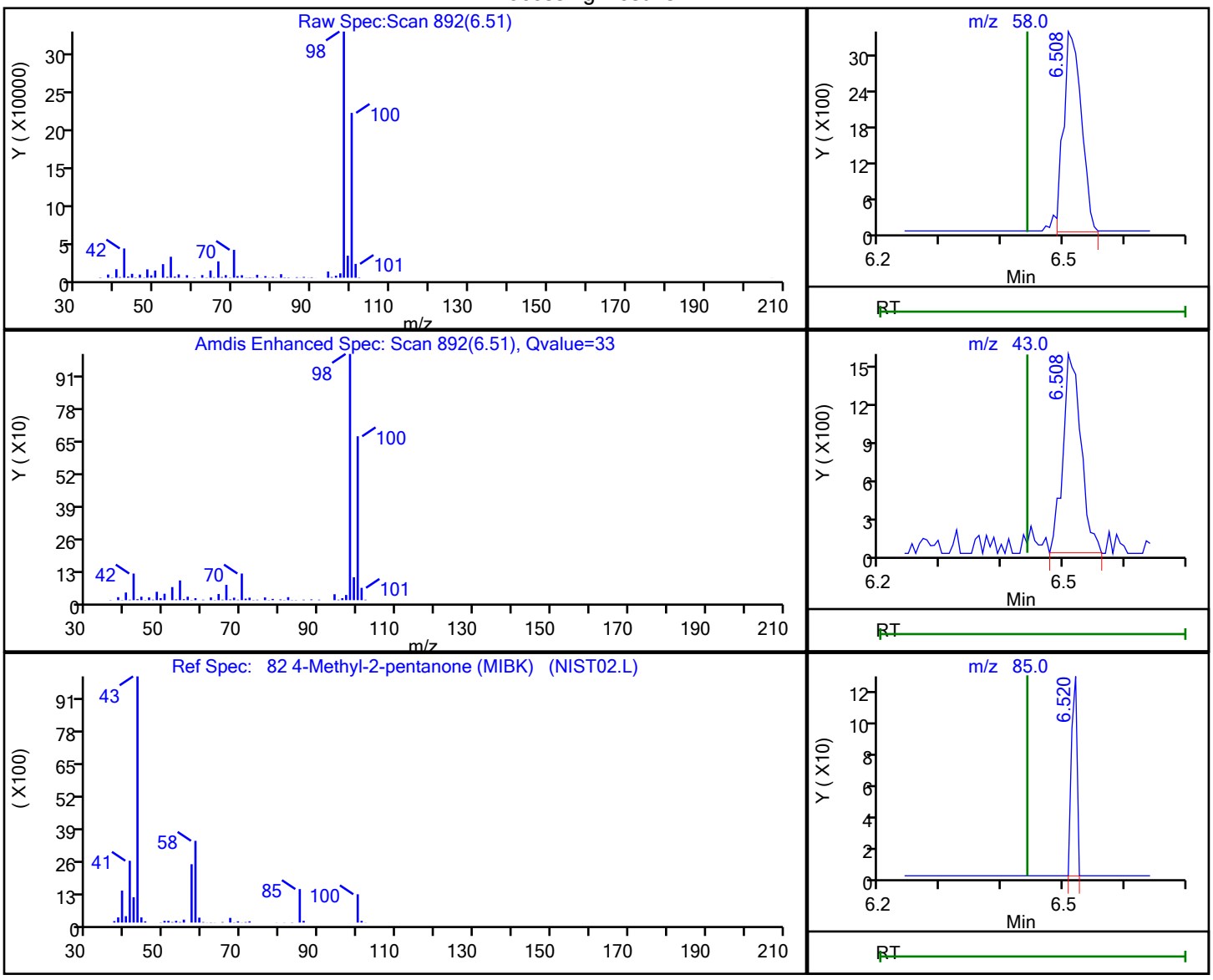
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.51	58.00	6708	4.576179
6.51	43.00	3277	
6.52	85.00	80	
6.51	100.00	505209	

Reviewer: FK2C, 30-Aug-2024 09:33:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

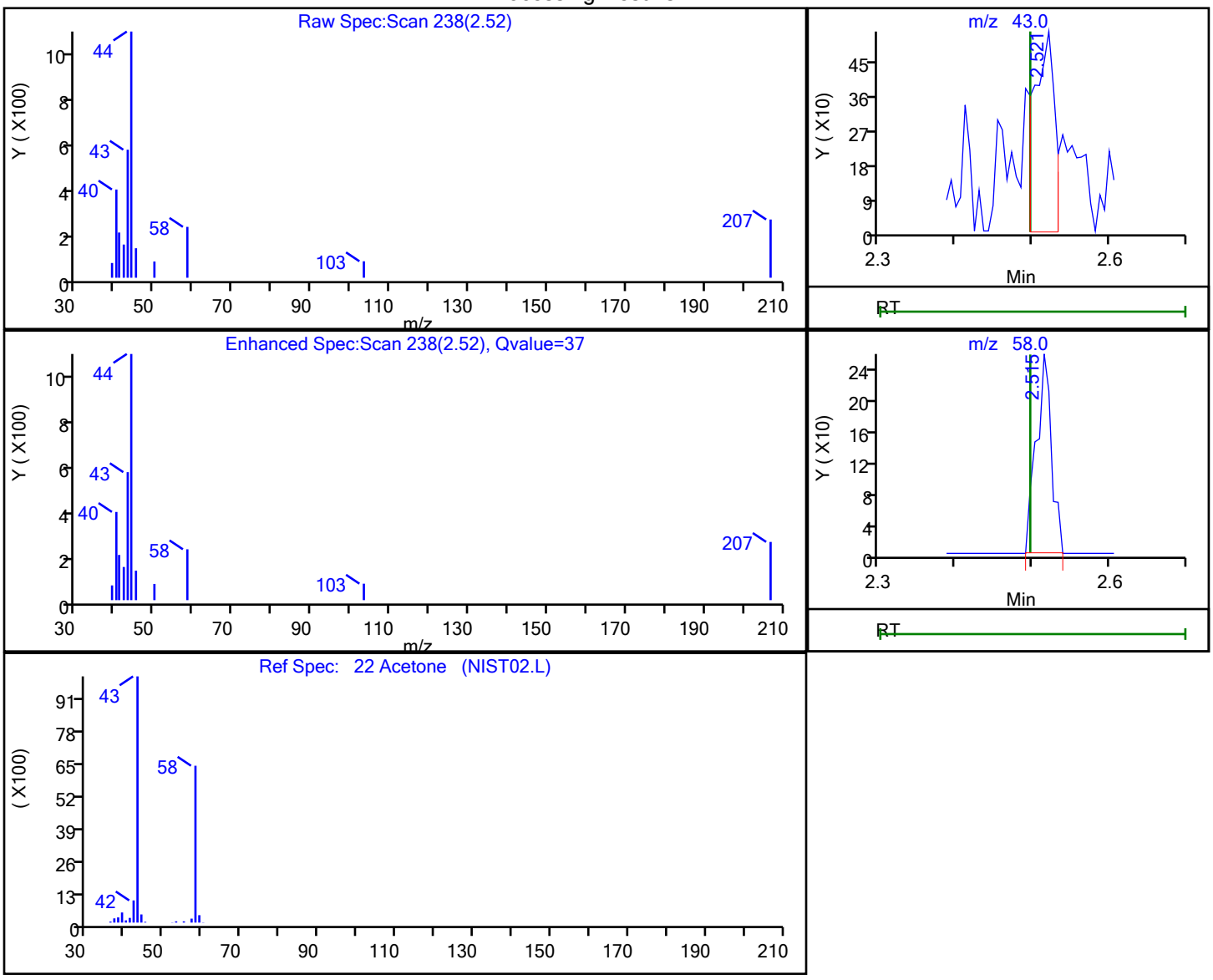
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.52	43.00	970	0.687956
2.51	58.00	352	

Reviewer: FK2C, 30-Aug-2024 09:32:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

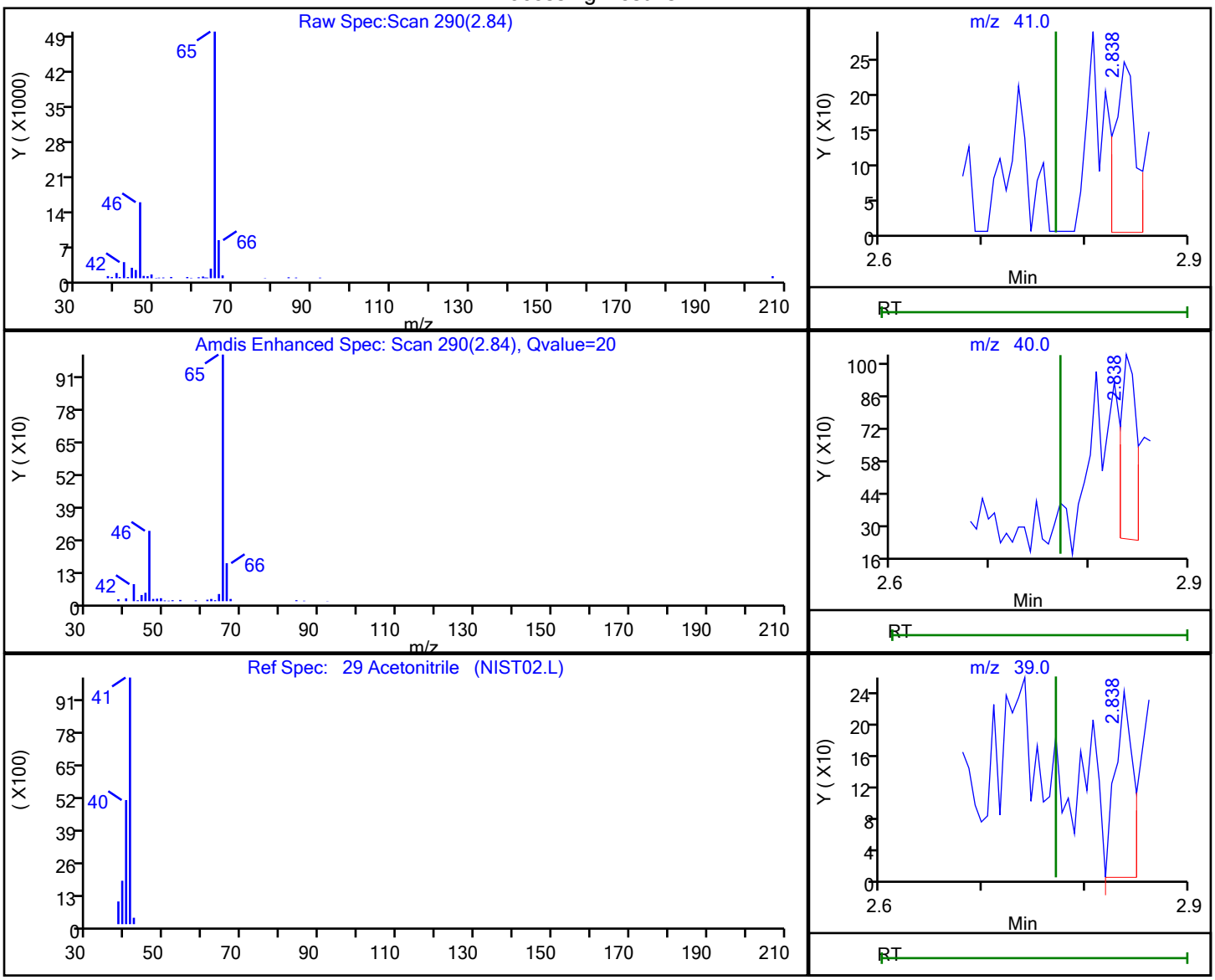
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.84	41.00	341	0.371748
2.84	40.00	887	
2.84	39.00	291	
2.85	38.00	1250	

Reviewer: FK2C, 30-Aug-2024 09:32:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

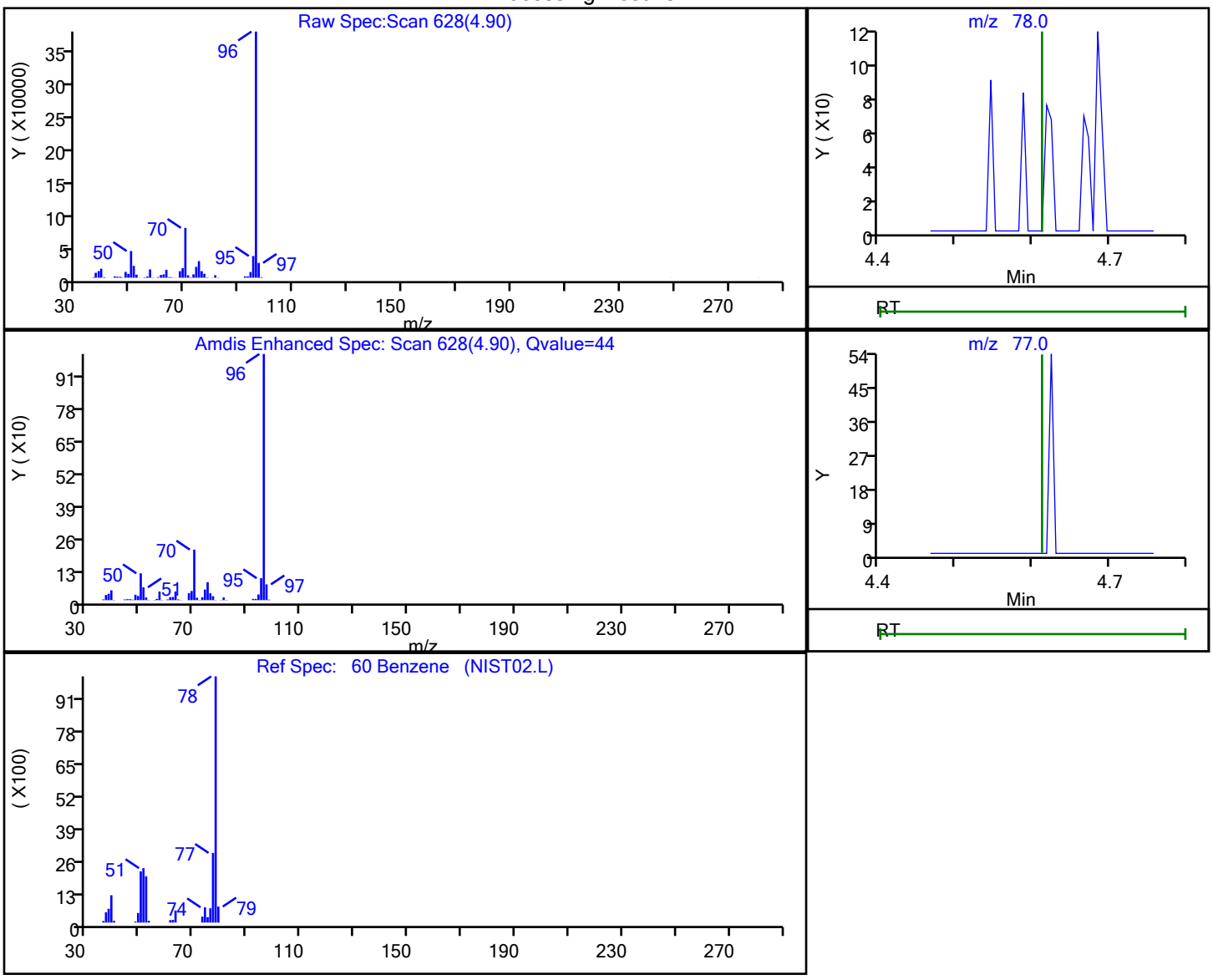
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.90	78.00	1117	0.061628
4.89	77.00	12965	

Reviewer: FK2C, 30-Aug-2024 09:33:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

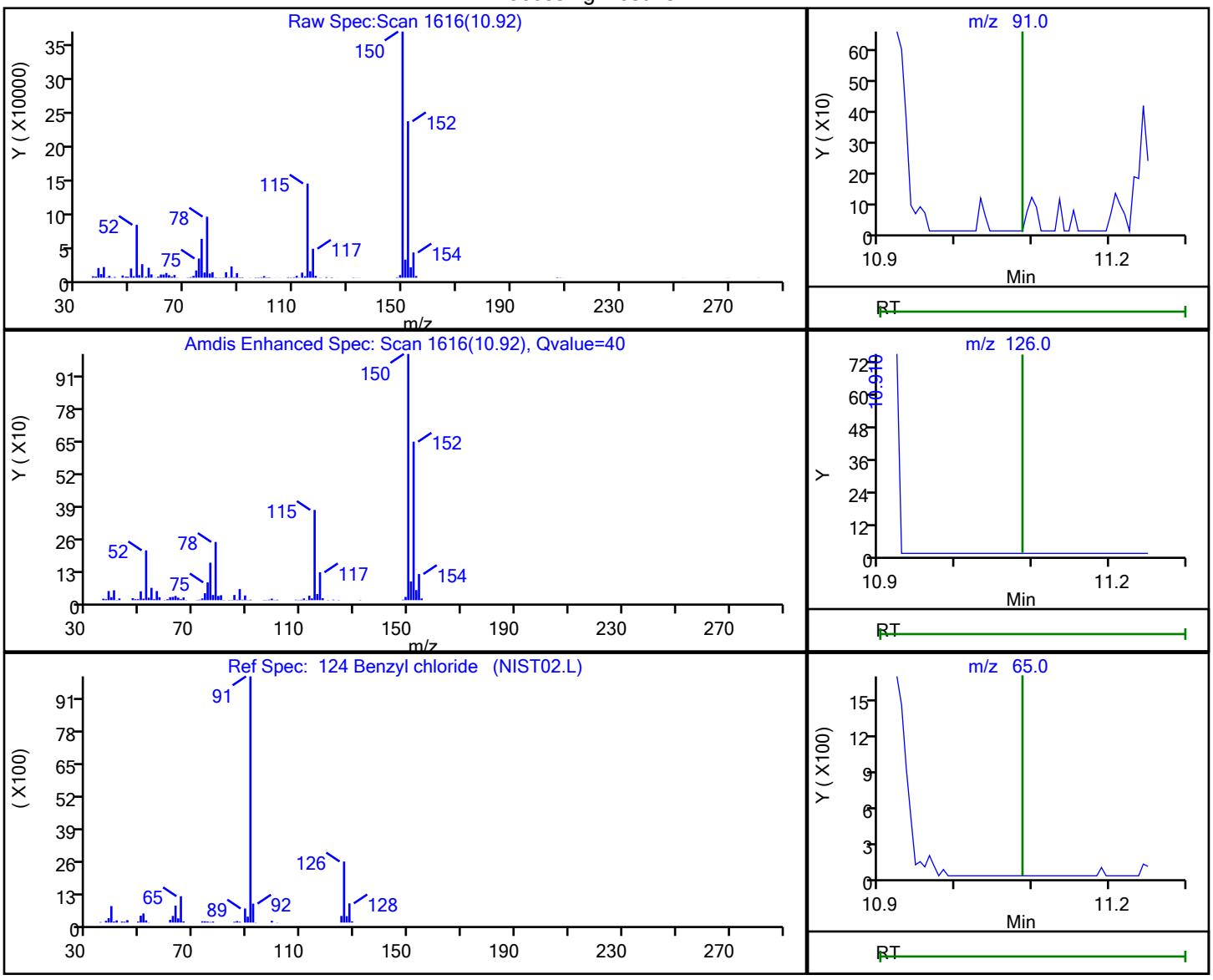
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.92	91.00	1006	0.195461
10.91	126.00	79	
10.92	65.00	2417	

Reviewer: FK2C, 30-Aug-2024 09:33:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

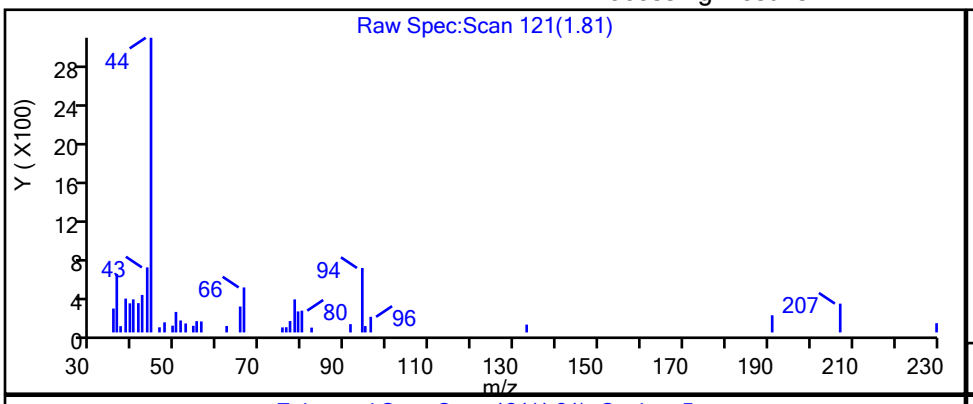
User Disabled Compound Report

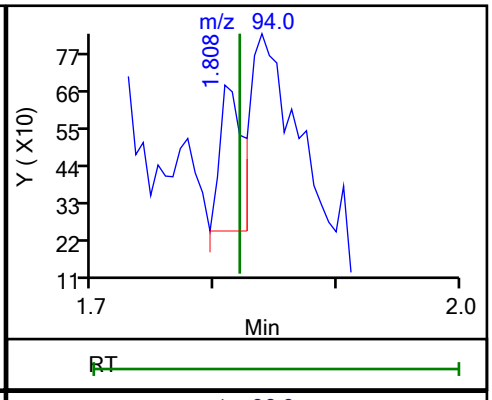
Eurofins Edison

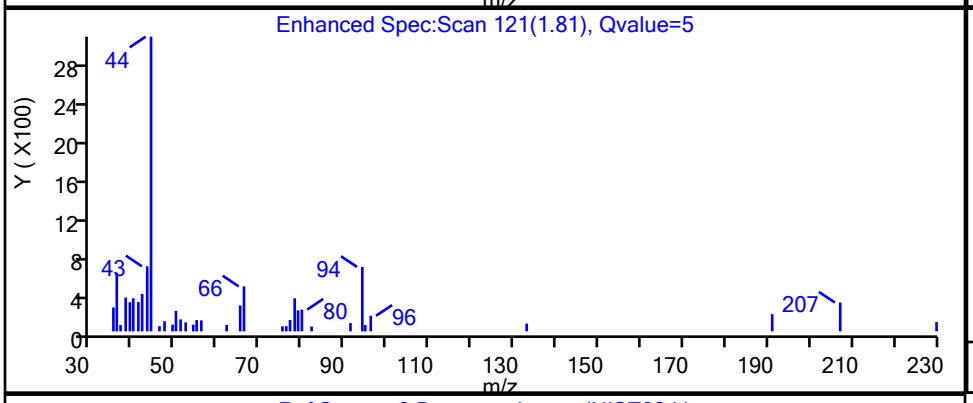
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

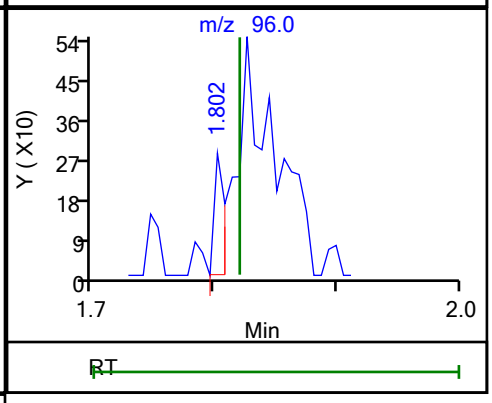
9 Bromomethane, CAS: 74-83-9

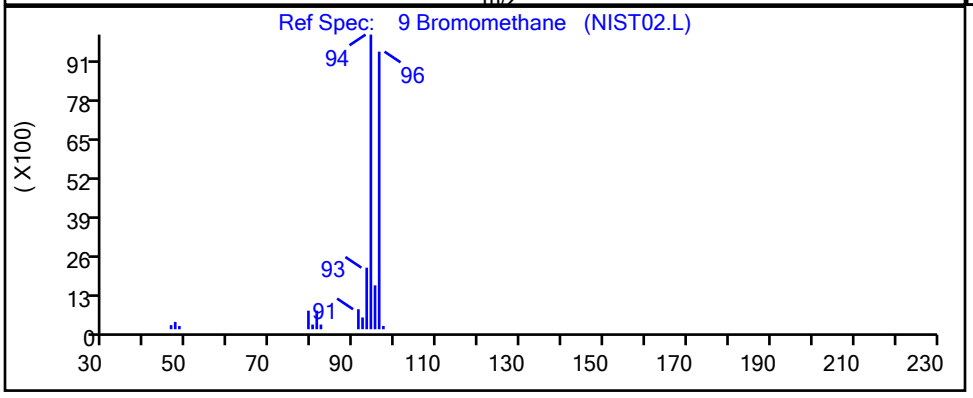
Processing Results











RT	Mass	Response	Amount
1.81	94.00	575	0.249932
1.80	96.00	161	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

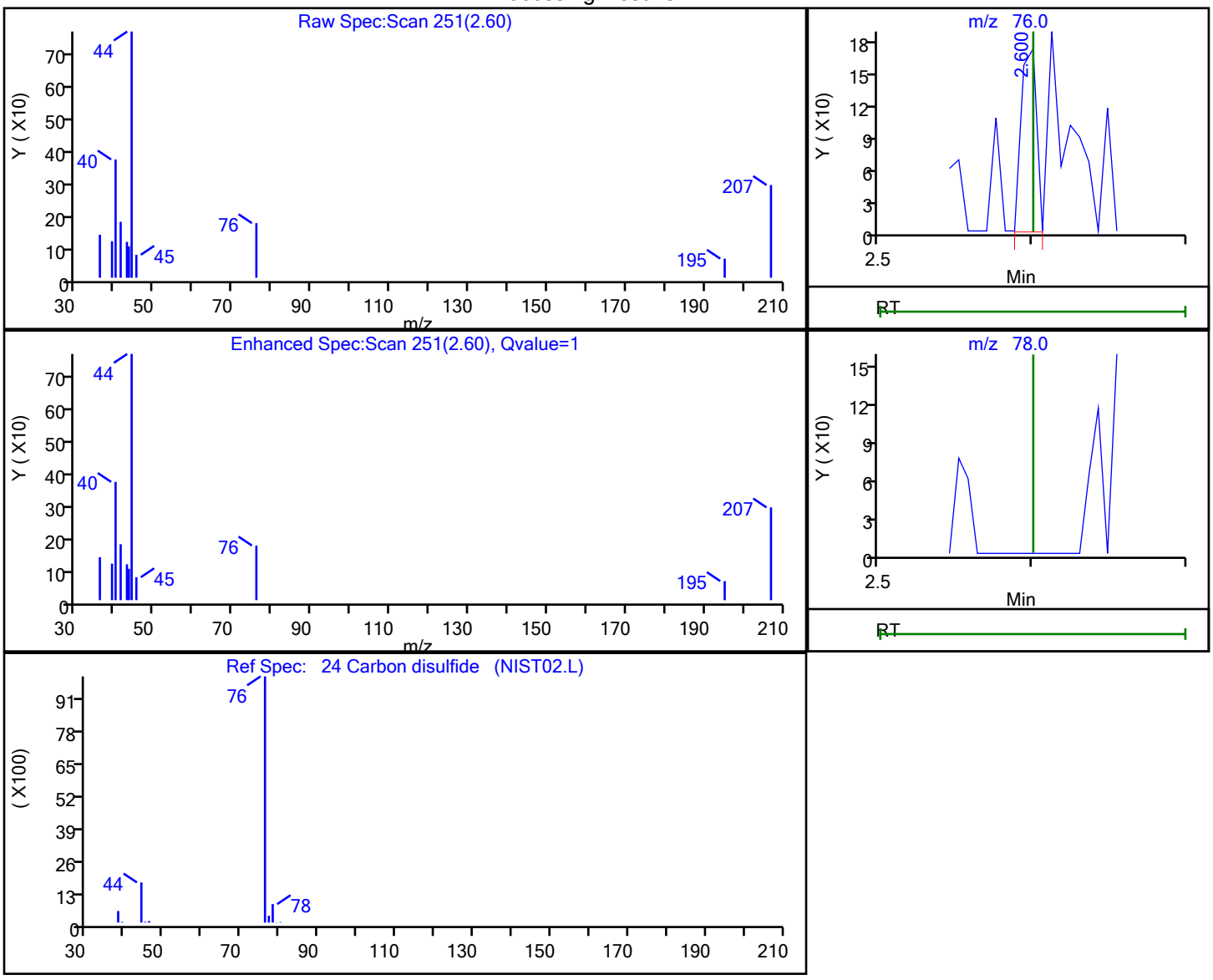
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.60	76.00	118	0.188690
2.59	78.00	0	

Reviewer: FK2C, 30-Aug-2024 09:32:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

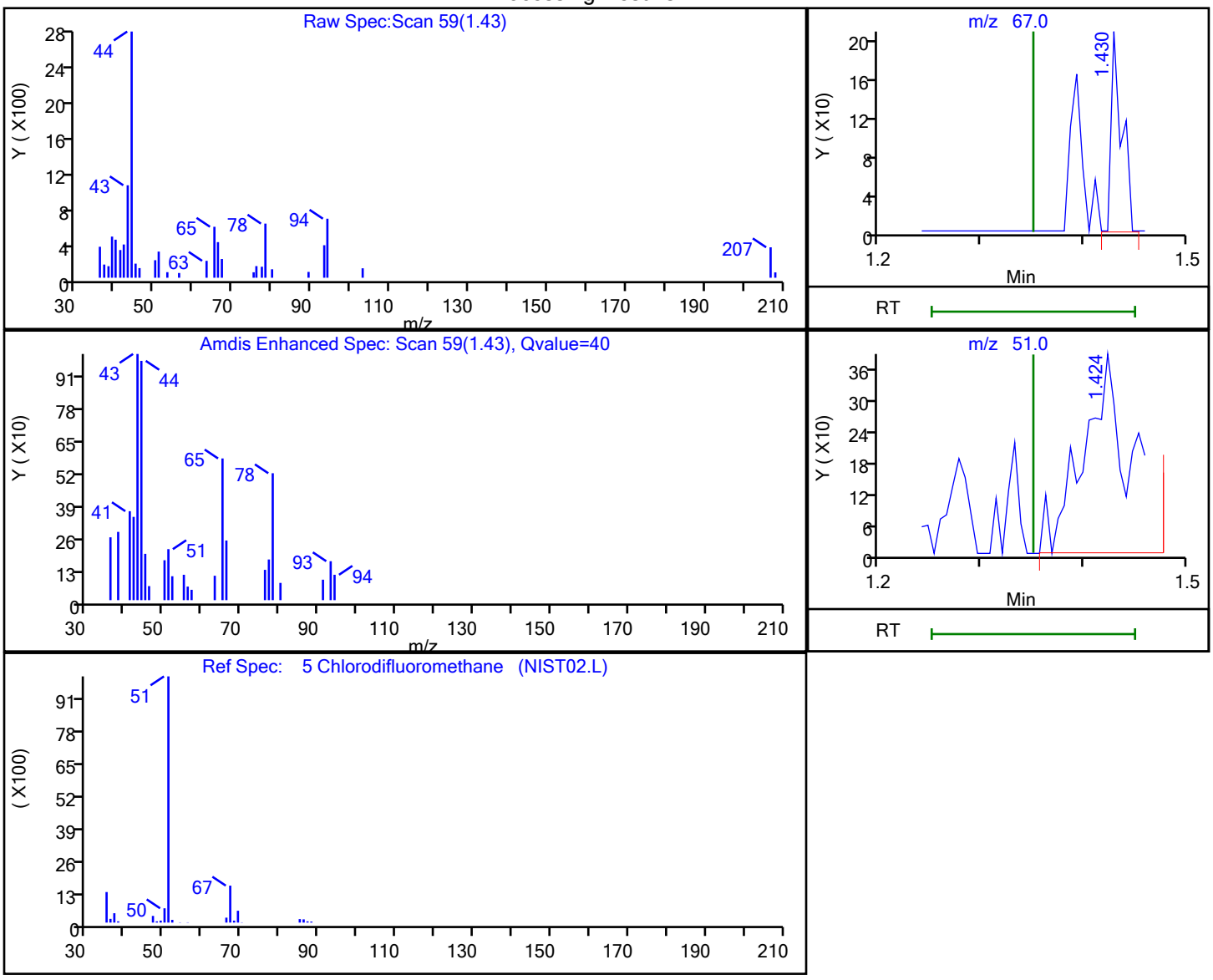
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.43	67.00	149	0.106198
1.42	51.00	1279	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

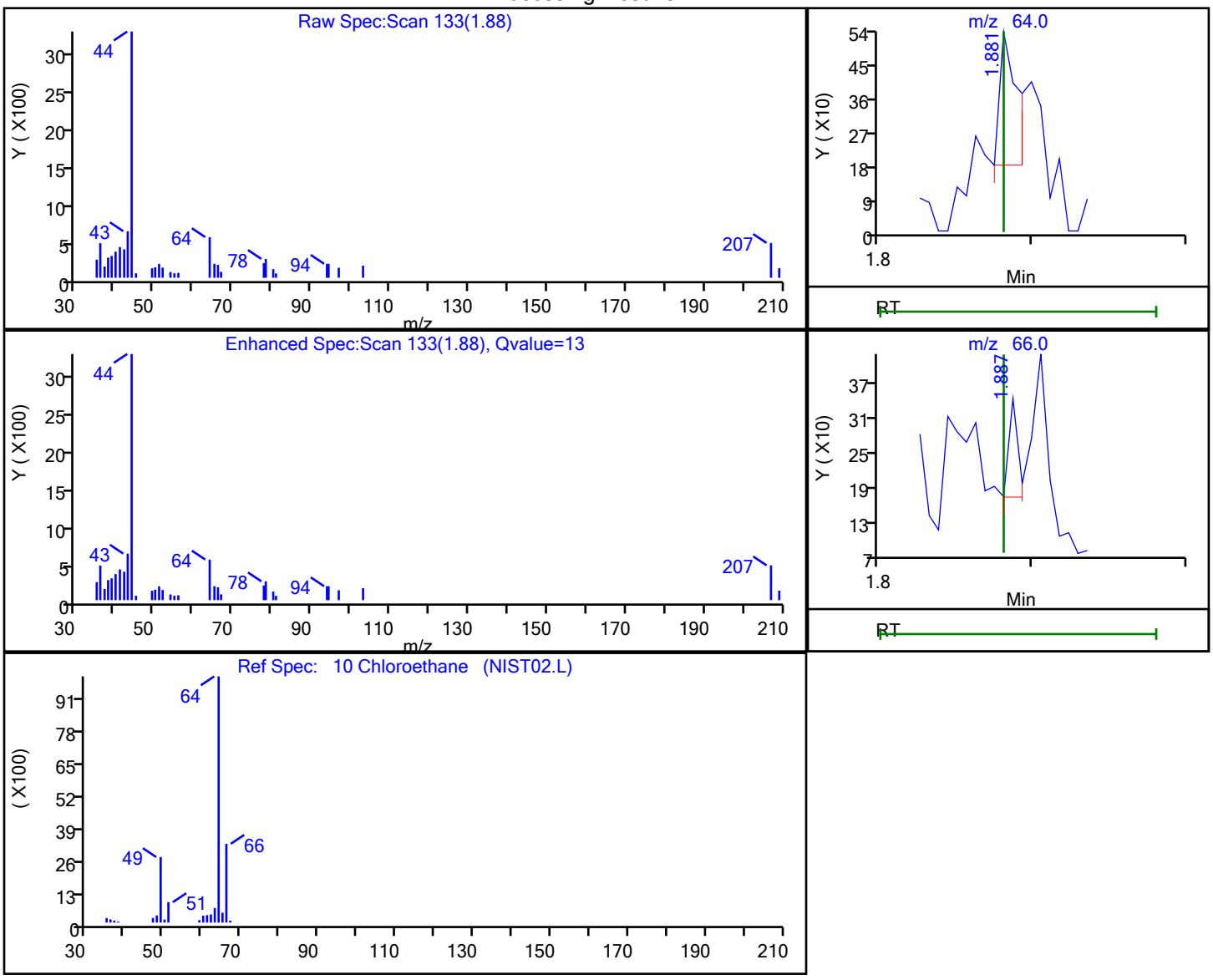
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.88	64.00	285	0.250000
1.89	66.00	71	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

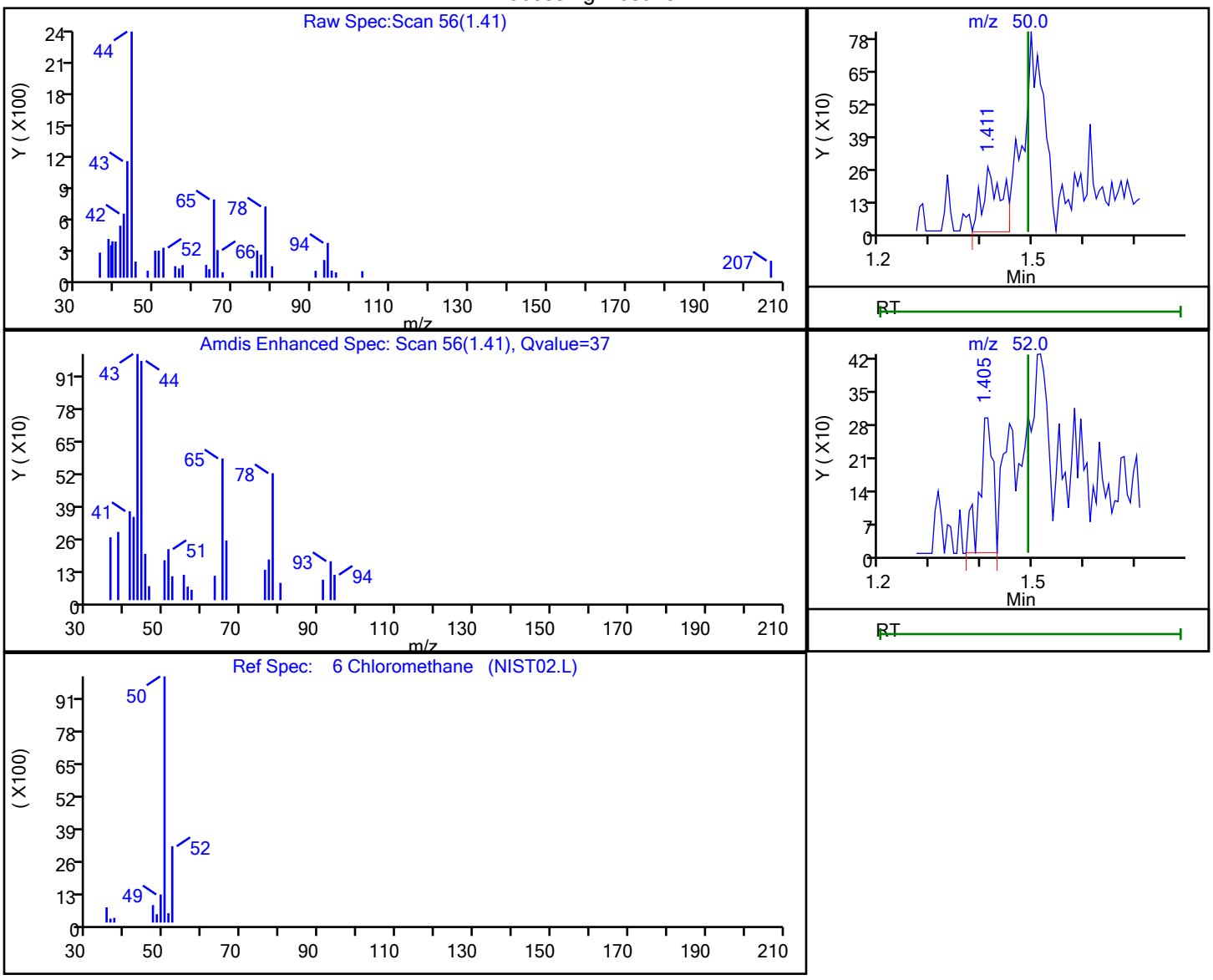
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.41	50.00	651	0.250000
1.41	52.00	520	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

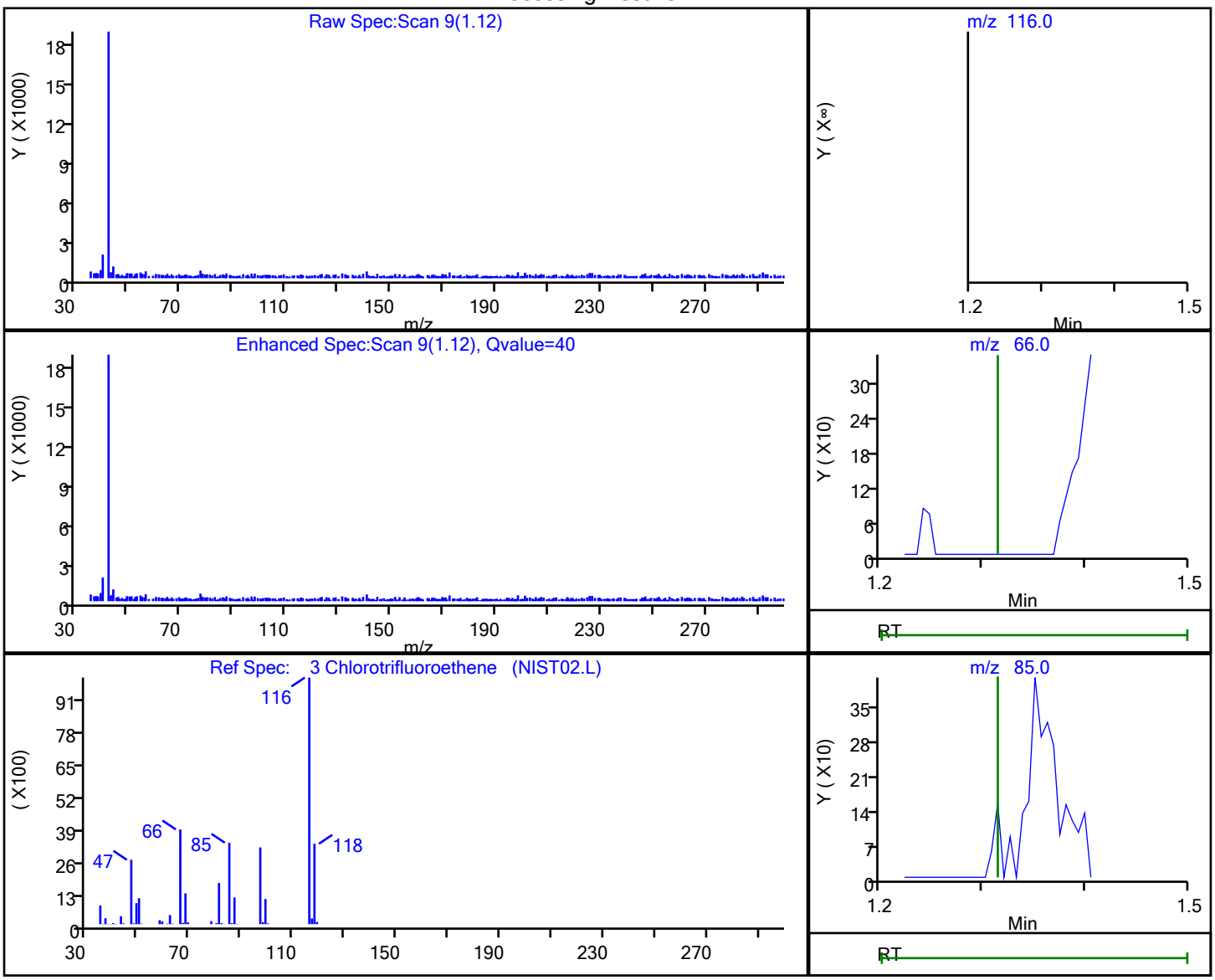
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D				
Injection Date:	30-Aug-2024 08:07:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.12	116.00	627	6.884512
1.11	66.00	495	
1.12	85.00	491	
1.11	118.00	848	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

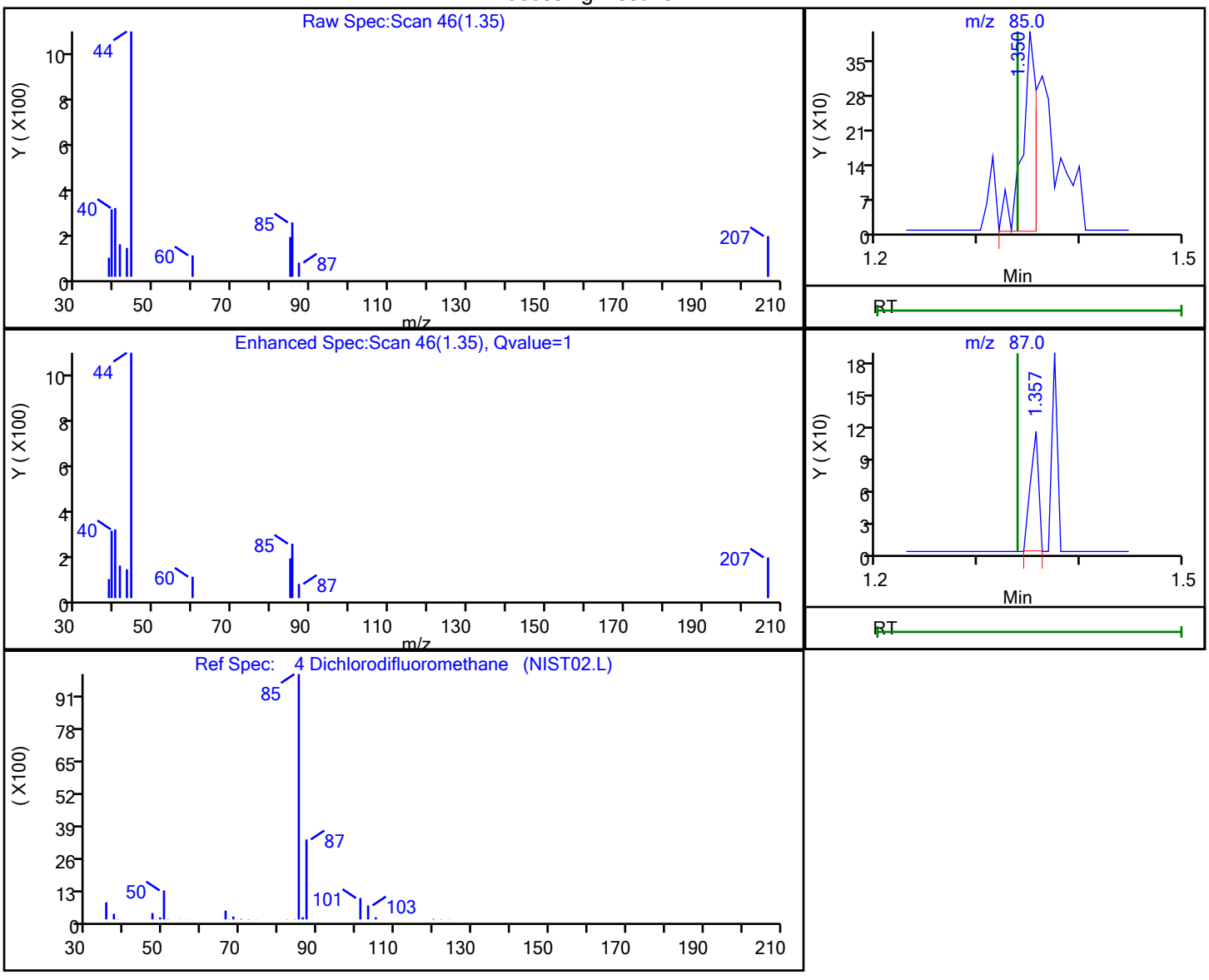
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.35	85.00	386	0.250000
1.36	87.00	64	

Reviewer: FK2C, 30-Aug-2024 09:32:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

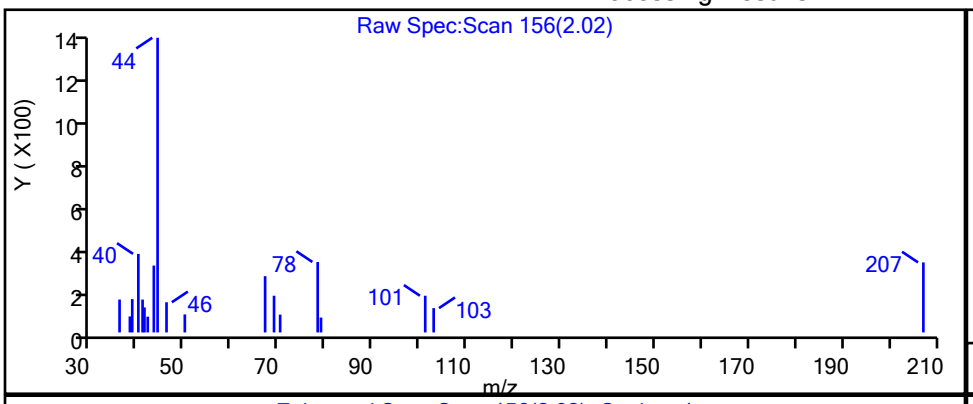
User Disabled Compound Report

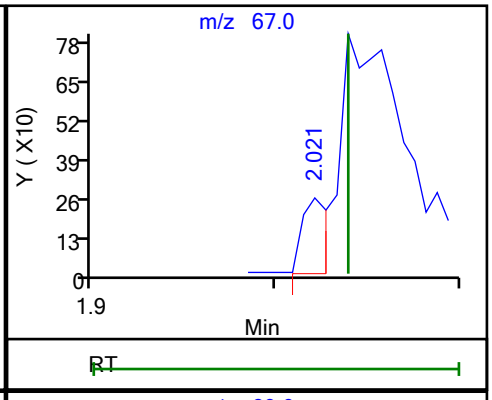
Eurofins Edison

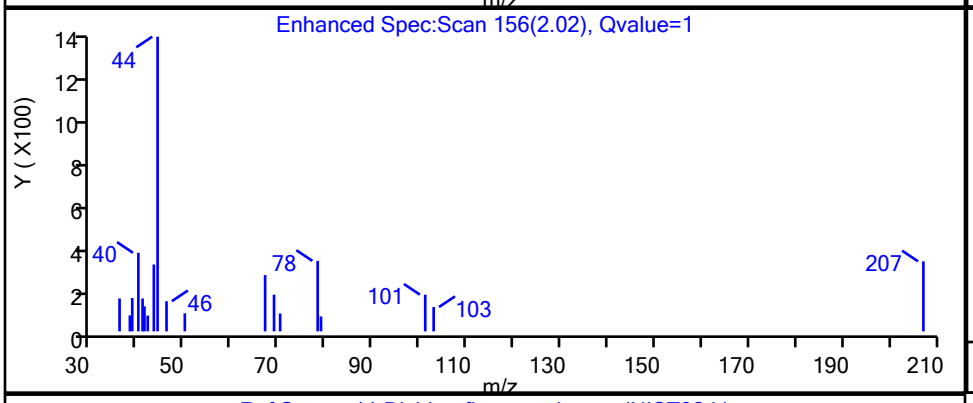
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

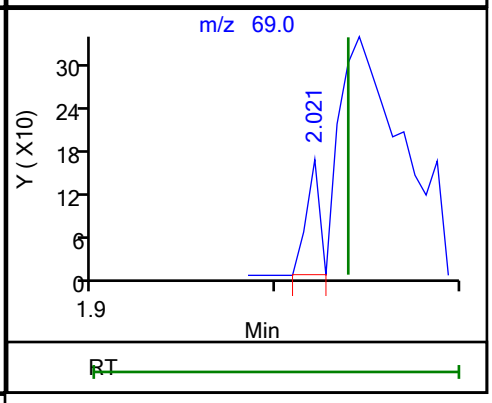
11 Dichlorofluoromethane, CAS: 75-43-4

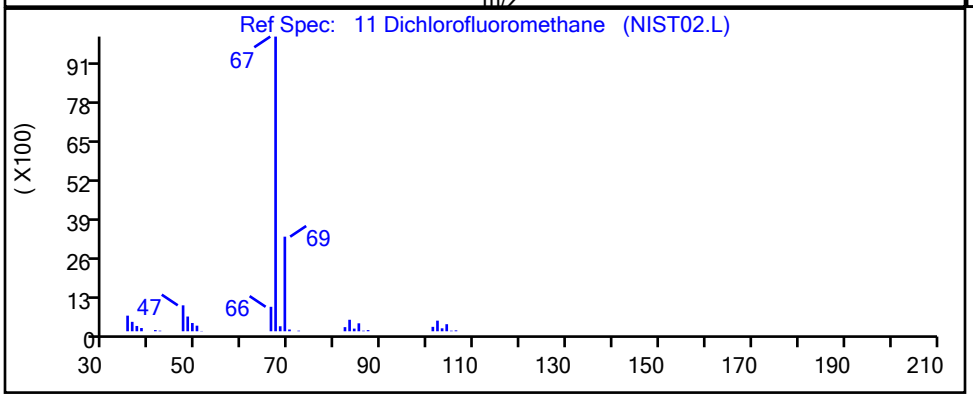
Processing Results











RT	Mass	Response	Amount
2.02	67.00	239	0.250000
2.02	69.00	82	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

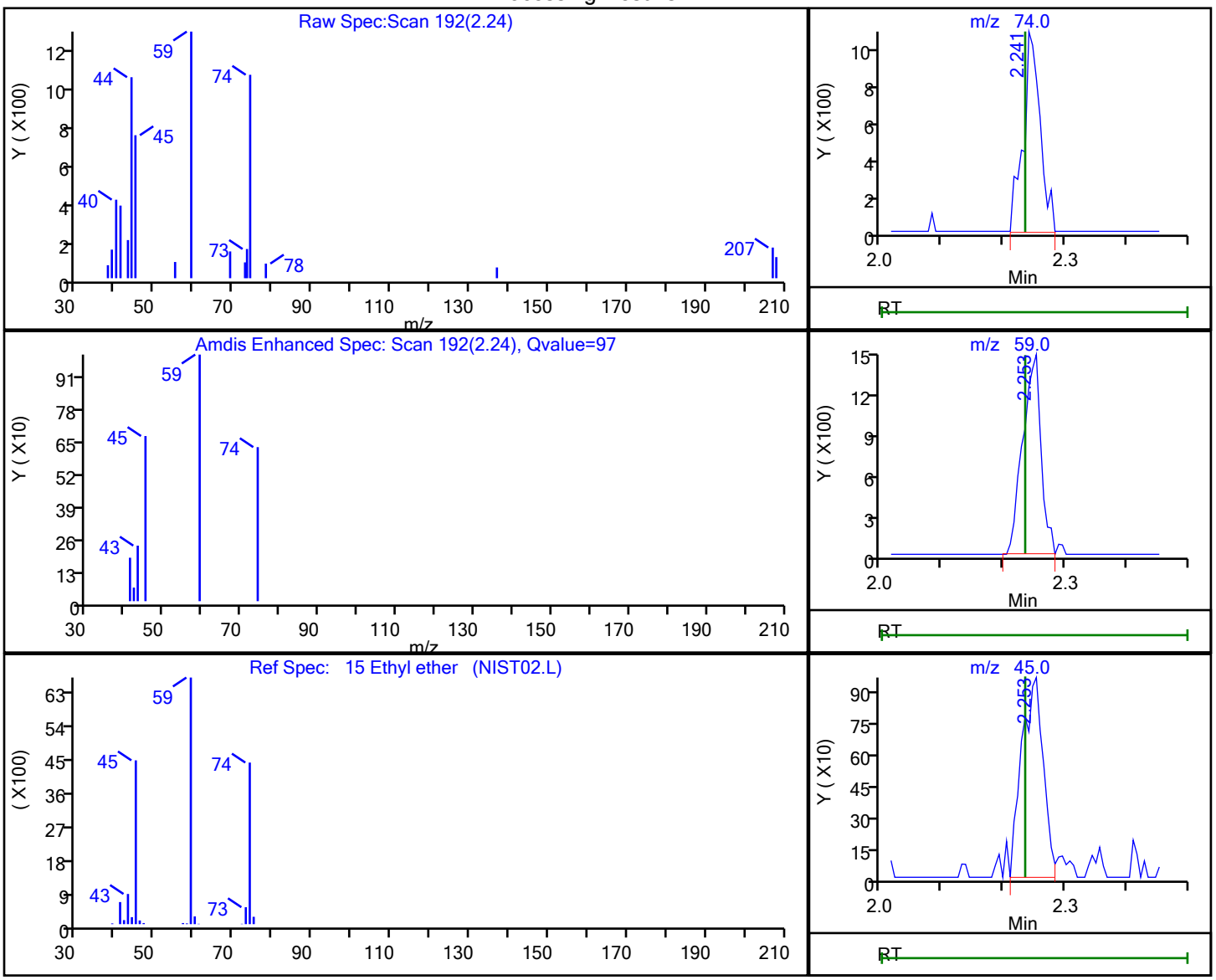
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.24	74.00	1917	0.249412
2.25	59.00	3022	
2.25	45.00	2375	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

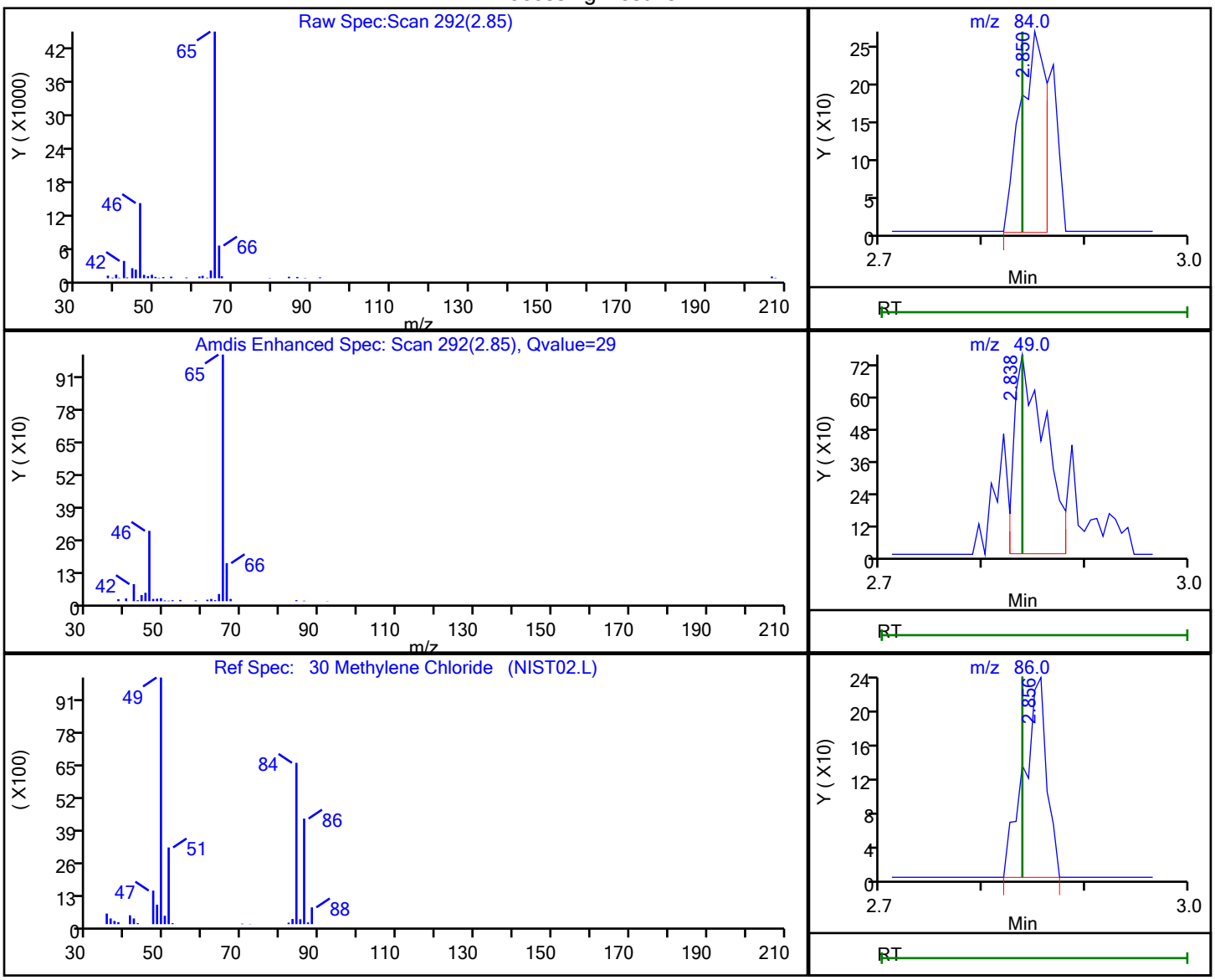
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.85	84.00	458	0.085205
2.84	49.00	1587	
2.86	86.00	366	

Reviewer: FK2C, 30-Aug-2024 09:32:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

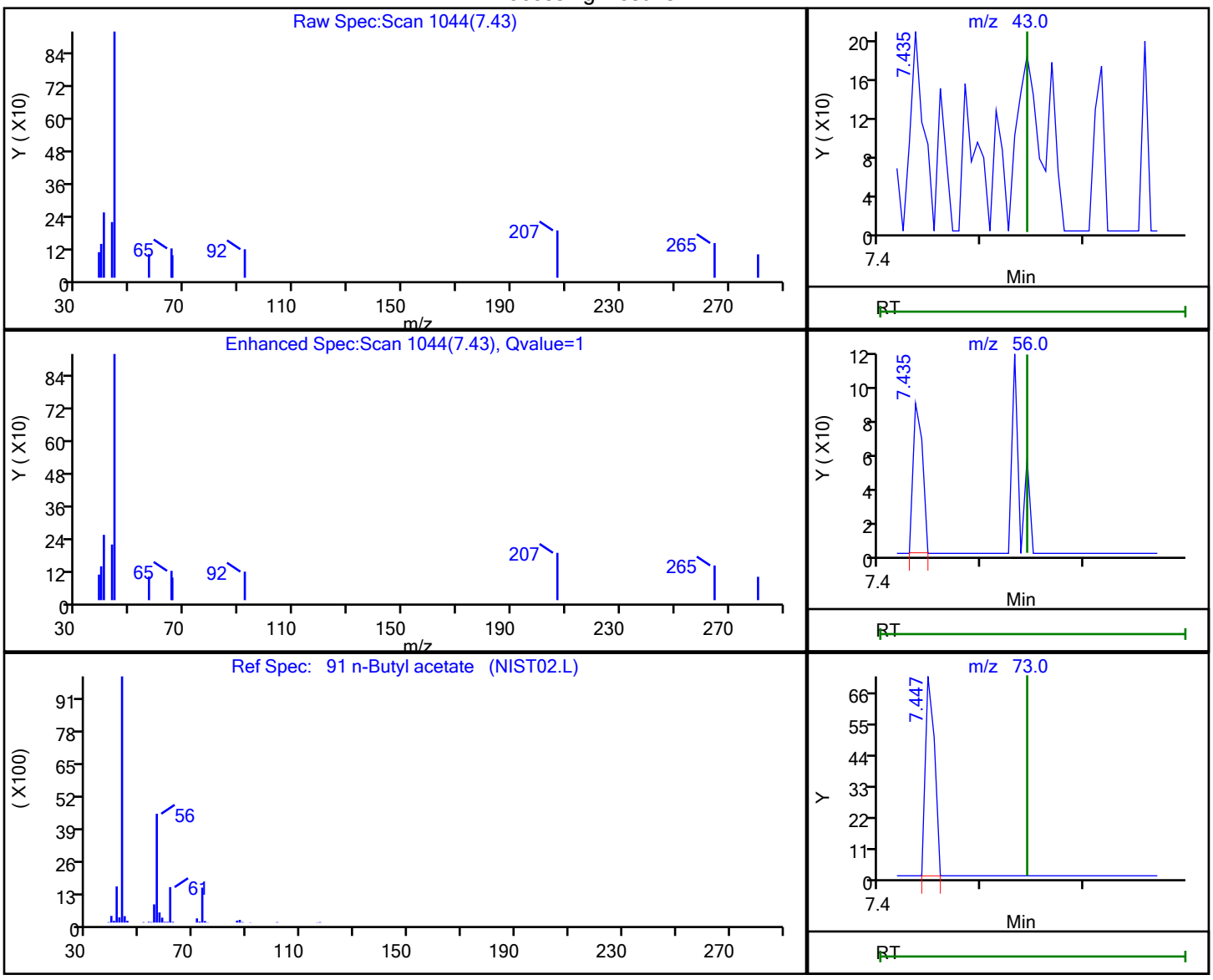
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

91 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.43	43.00	207	0.042378
7.43	56.00	57	
7.45	73.00	45	

Reviewer: FK2C, 30-Aug-2024 09:33:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

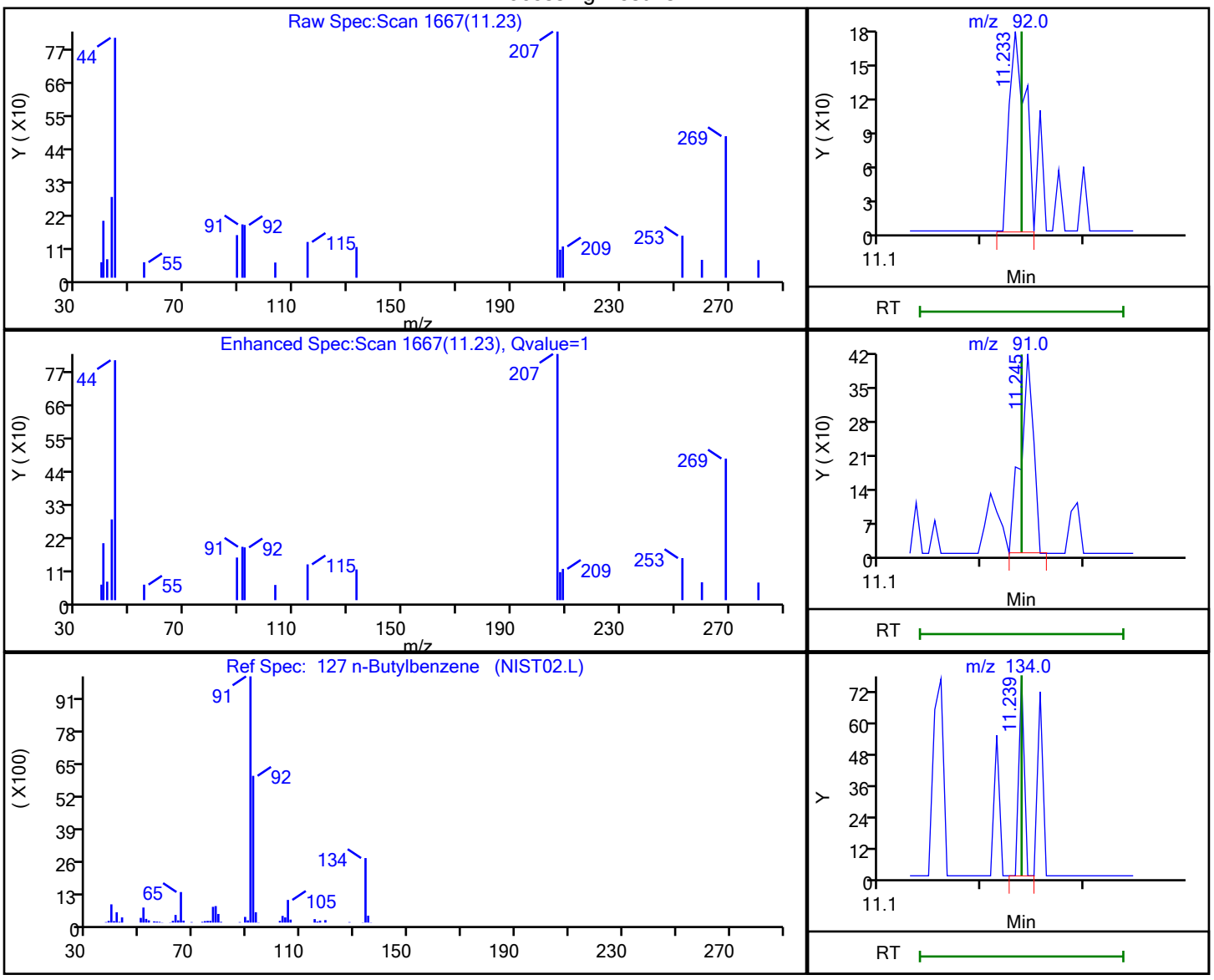
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.23	92.00	193	0.023785
11.24	91.00	364	
11.24	134.00	29	

Reviewer: FK2C, 30-Aug-2024 09:33:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

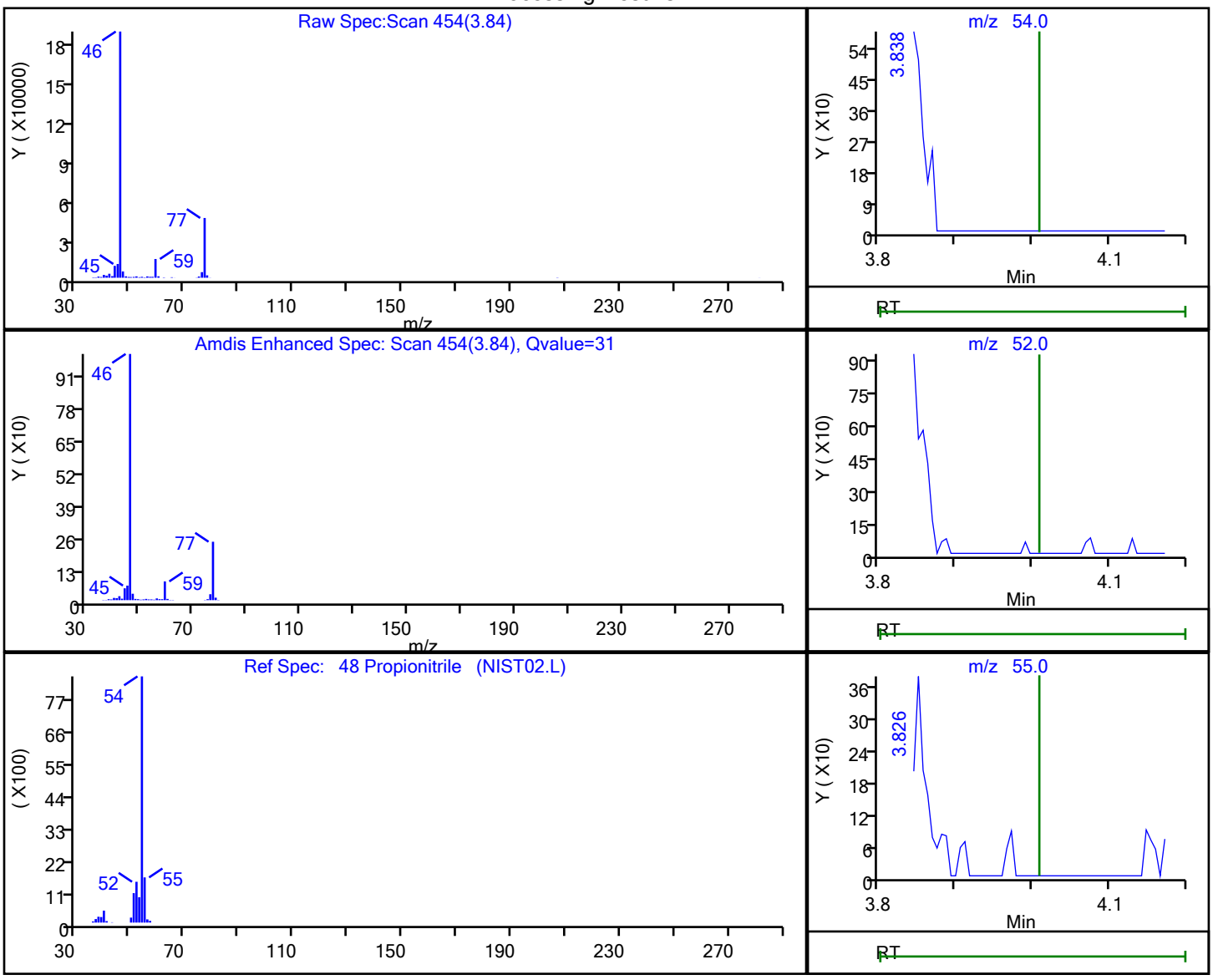
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.84	54.00	1142	2.681029
3.84	52.00	2120	
3.83	55.00	235	

Reviewer: FK2C, 30-Aug-2024 09:33:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

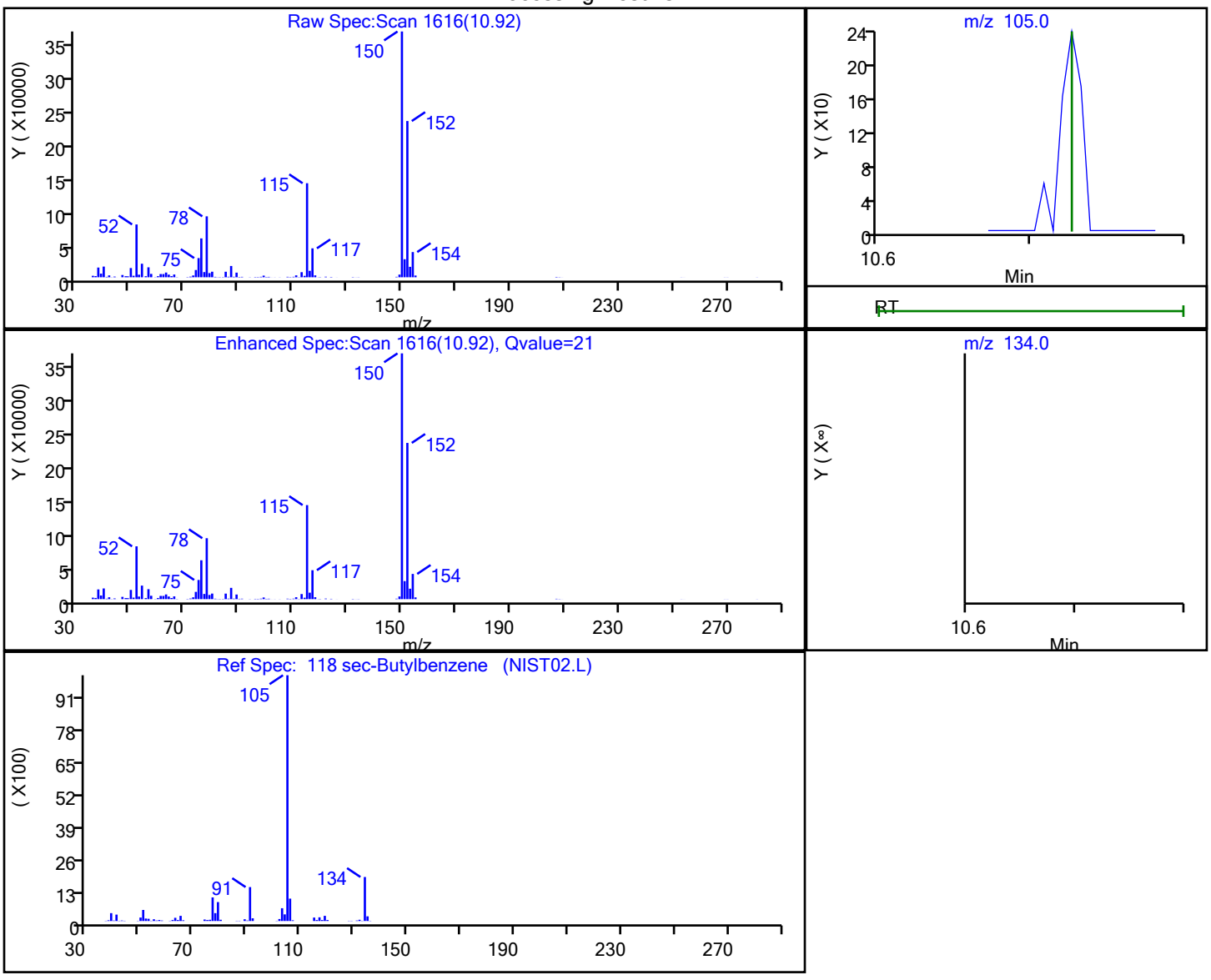
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.92	105.00	87	0.004641
10.92	134.00	153	

Reviewer: FK2C, 30-Aug-2024 09:33:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

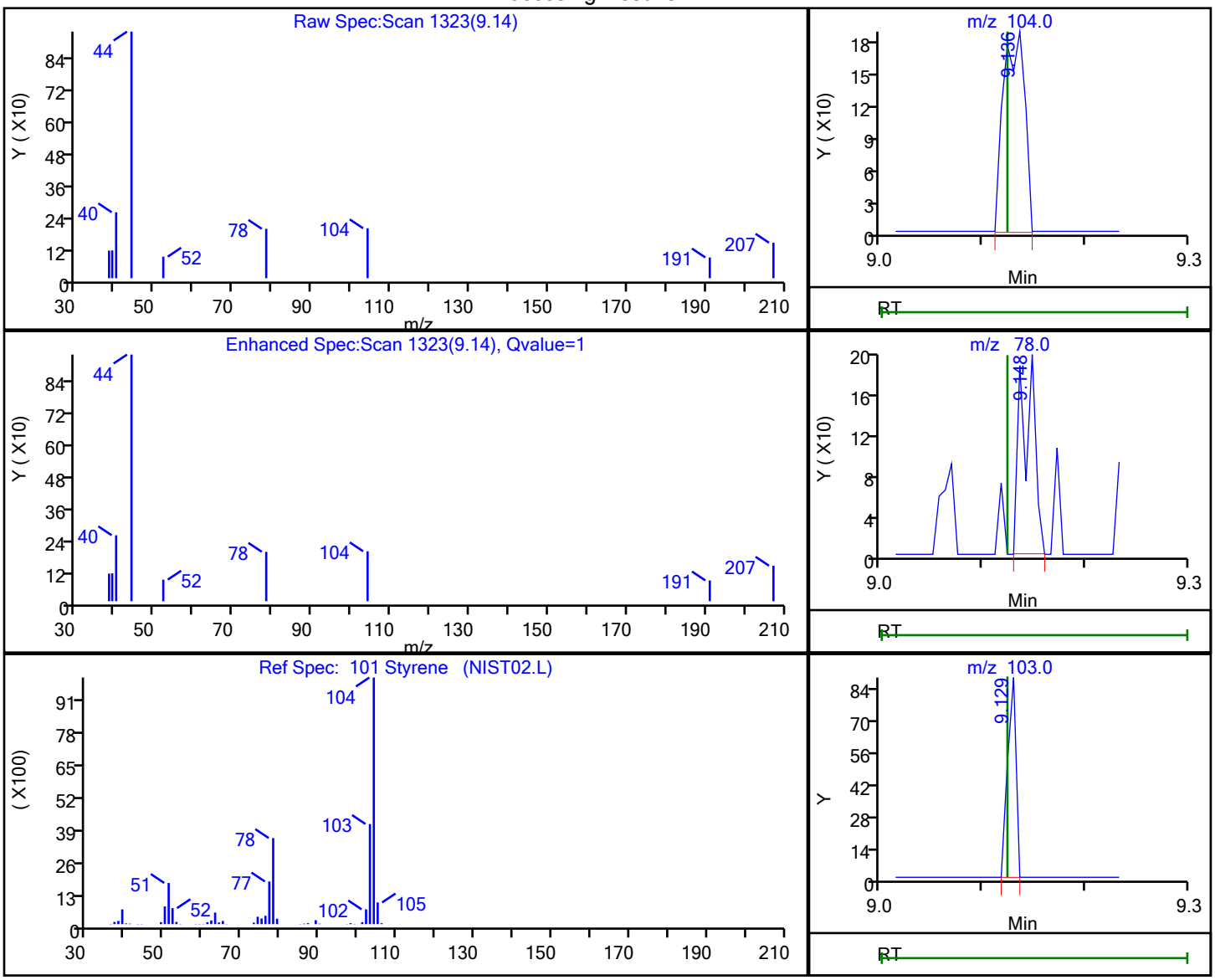
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.14	104.00	275	0.025051
9.15	78.00	187	
9.13	103.00	51	

Reviewer: FK2C, 30-Aug-2024 09:33:19 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

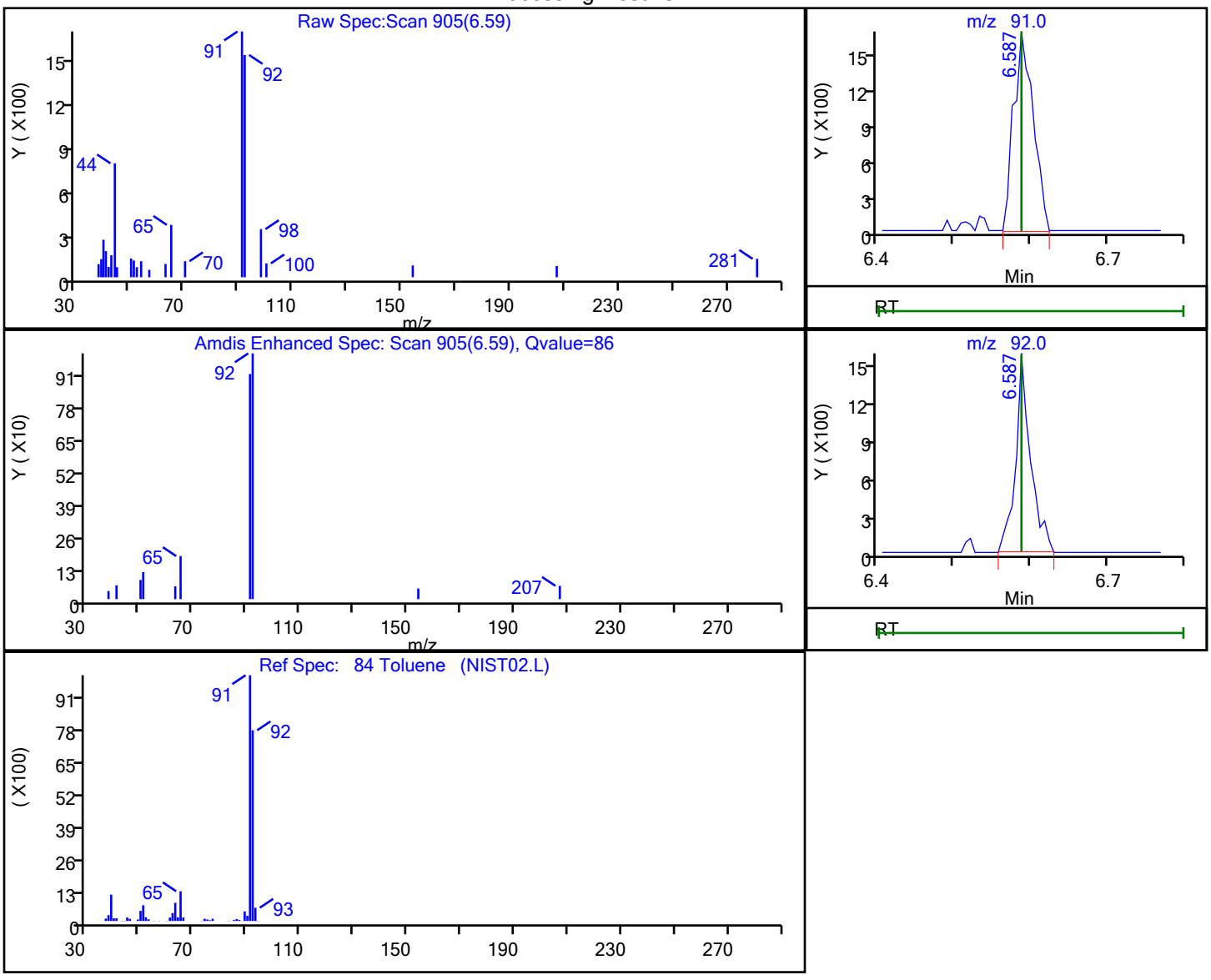
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.59	91.00	3016	0.139571
6.59	92.00	2088	

Reviewer: FK2C, 30-Aug-2024 09:33:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

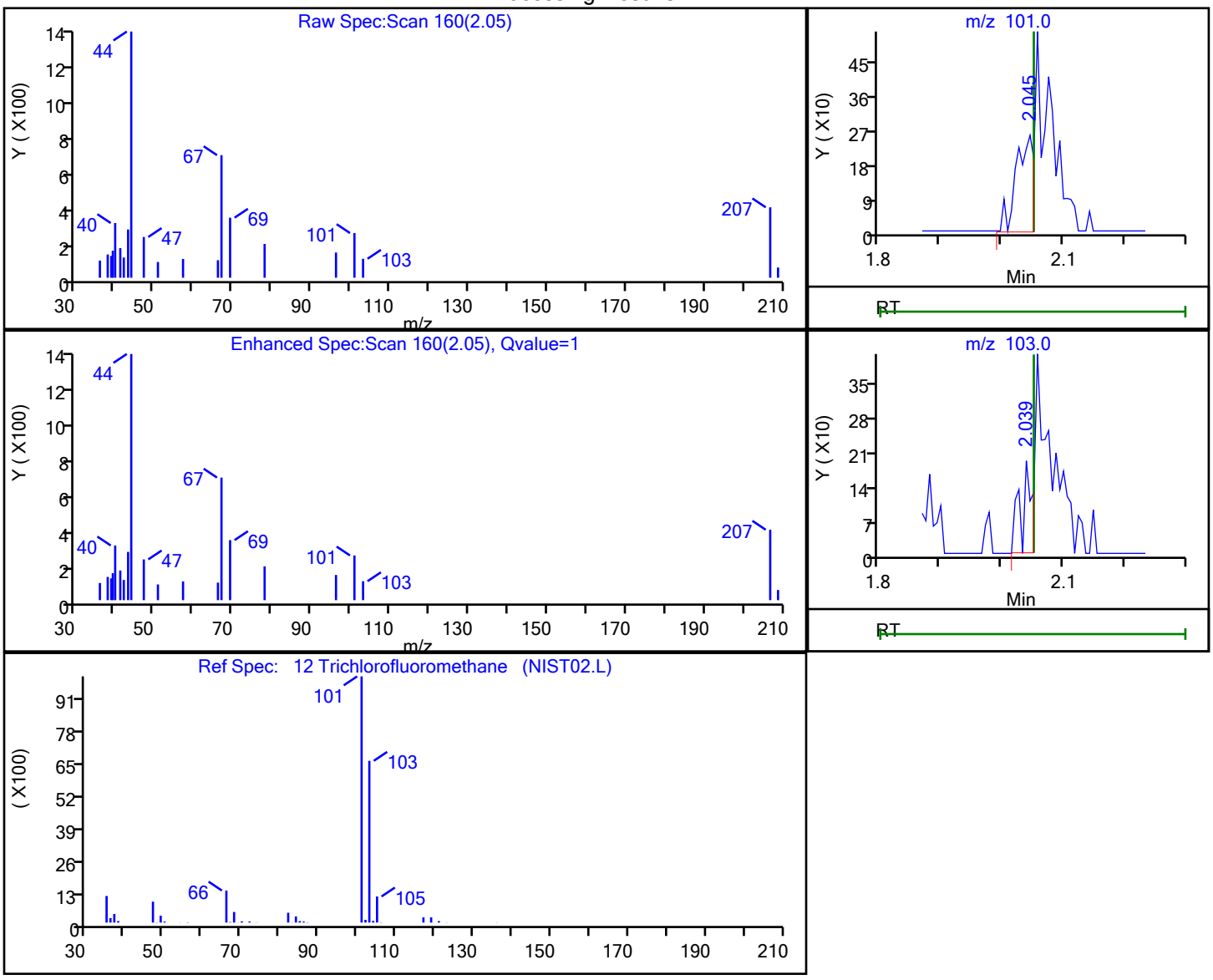
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.05	101.00	492	0.198708
2.04	103.00	239	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

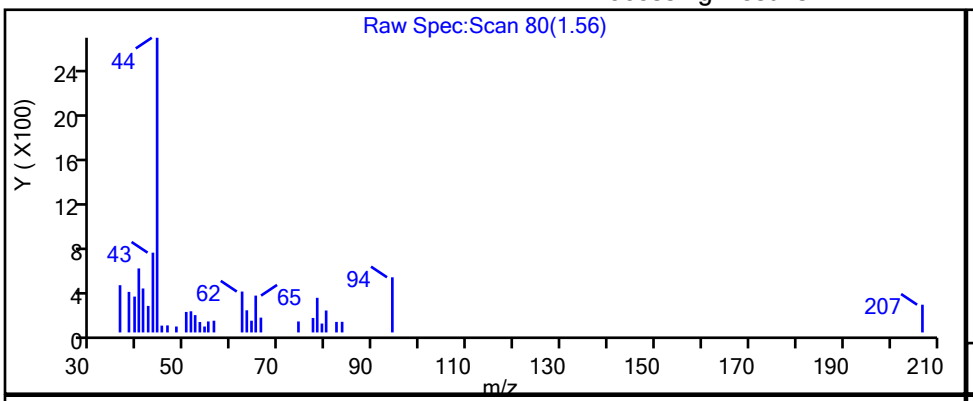
User Disabled Compound Report

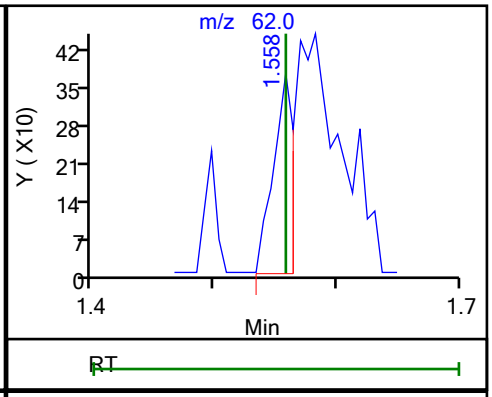
Eurofins Edison

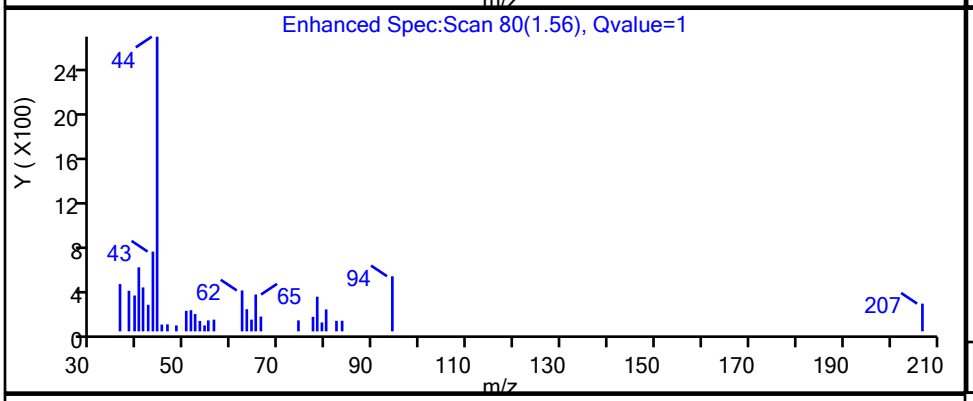
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

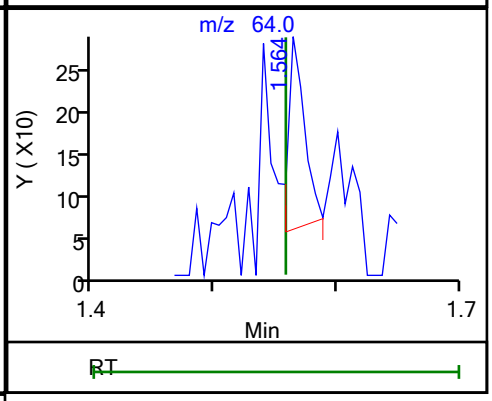
7 Vinyl chloride, CAS: 75-01-4

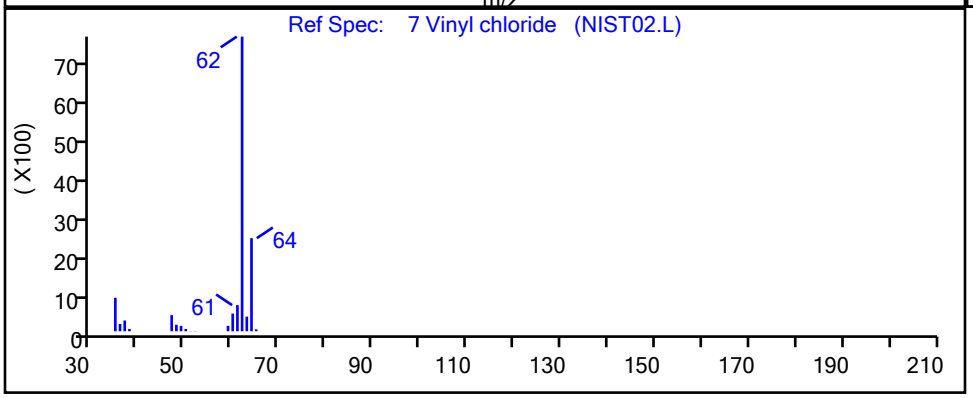
Processing Results











RT	Mass	Response	Amount
1.56	62.00	422	0.198118
1.56	64.00	203	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Aug-2024 08:26:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0180260-004
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:11:00 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:56:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.308	1.314	-0.006	1	44	0.5000	0.0612	
2 1,1-Difluoroethane	65	1.314	1.320	-0.006	56	852	0.5000	0.4386	M
4 Dichlorodifluoromethane	85	1.344	1.338	0.006	6	2228	0.5000	0.4826	M
5 Chlorodifluoromethane	67	1.357	1.351	0.006	35	313	0.5000	0.5652	a
6 Chloromethane	50	1.497	1.491	0.006	46	2424	0.5000	0.4383	M
7 Vinyl chloride	62	1.570	1.558	0.012	14	2236	0.5000	0.4606	M
8 Butadiene	54	1.564	1.570	-0.006	52	2329	0.5000	0.5108	M
9 Bromomethane	94	1.808	1.820	-0.012	37	1656	0.5000	0.4833	M
10 Chloroethane	64	1.881	1.881	0.000	34	1967	0.5000	0.6148	
11 Dichlorofluoromethane	67	2.039	2.039	0.000	64	4097	0.5000	0.5015	
12 Trichlorofluoromethane	101	2.052	2.052	0.000	49	2320	0.5000	0.4724	M
13 Pentane	72	2.058	2.070	-0.012	86	406	1.00	0.7009	a
14 Ethanol	46	2.204	2.234	-0.030	73	258	20.0	-124.5	
15 Ethyl ether	74	2.222	2.234	-0.012	96	3200	0.5000	0.4975	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	74	1719	0.5000	0.5387	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.302	0.006	18	1121	0.5000	0.3622	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.356	2.350	0.006	1	2510	0.5000	0.4599	M
19 Acrolein	56	2.393	2.387	0.006	47	1645	2.00	2.49	M
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.411	0.000	48	1440	0.5000	0.4833	M
21 1,1-Dichloroethene	96	2.442	2.436	0.006	95	2158	0.5000	0.5948	Ma
22 Acetone	43	2.515	2.497	0.018	71	3769	2.50	3.31	
23 Iodomethane	142	2.570	2.570	0.000	85	3295	0.5000	0.5280	
25 Isopropyl alcohol	45	2.594	2.588	0.006	31	880	5.00	5.30	a
24 Carbon disulfide	76	2.606	2.600	0.006	93	6783	0.5000	0.5230	M
26 3-Chloro-1-propene	76	2.710	2.716	-0.006	76	1298	0.5000	0.5262	
27 Methyl acetate	43	2.722	2.722	0.000	95	3697	1.00	1.21	
28 Cyclopentene	67	2.728	2.734	-0.006	47	4195	0.5000	0.5507	M
29 Acetonitrile	41	2.759	2.771	-0.012	63	2358	5.00	4.79	Ma
* 31 TBA-d9 (IS)	66	2.820	2.832	-0.012	0	40820	1000.0	1000.0	
30 Methylene Chloride	84	2.844	2.838	0.006	46	2843	0.5000	0.6326	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.923	2.887	0.036	2	1083	5.00	4.08	M
33 Methyl tert-butyl ether	73	2.997	2.984	0.013	53	5738	0.5000	0.5128	M
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	38	2083	0.5000	0.5341	M
35 Acrylonitrile	53	3.076	3.070	0.006	93	7067	5.00	4.68	
36 Hexane	57	3.149	3.155	-0.006	87	2550	0.5000	0.6251	
37 Isopropyl ether	45	3.350	3.356	-0.006	90	7231	0.5000	0.5372	
38 1,1-Dichloroethane	63	3.375	3.381	-0.006	93	4073	0.5000	0.5630	
39 Vinyl acetate	86	3.393	3.393	0.000	99	526	1.00	0.9634	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	42	1594	0.5000	0.4874	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	90	5799	0.5000	0.4834	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	395506	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.862	-0.006	40	560	0.5000	0.5040	a
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	76	2476	0.5000	0.5607	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	77	1078	2.50	2.60	
46 Ethyl acetate	70	3.887	3.887	0.000	66	251	1.00	0.6894	
47 Methyl acrylate	55	3.942	3.941	0.001	16	1543	0.5000	0.4783	M
48 Propionitrile	54	4.009	4.009	0.000	97	2265	5.00	4.84	
50 Tetrahydrofuran	72	4.076	4.082	-0.006	52	543	1.00	1.09	a
49 Chlorobromomethane	128	4.100	4.088	0.012	32	1066	0.5000	0.4939	
51 Methacrylonitrile	67	4.106	4.112	-0.006	92	7199	5.00	4.72	
52 Chloroform	83	4.143	4.143	0.000	95	3218	0.5000	0.4996	
53 Cyclohexane	84	4.271	4.271	0.000	69	2212	0.5000	0.4440	a
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	60	2581	0.5000	0.5434	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	183336	50.0	49.3	
56 Carbon tetrachloride	117	4.399	4.393	0.006	25	1653	0.5000	0.5270	M
57 1,1-Dichloropropene	75	4.417	4.423	-0.006	95	2679	0.5000	0.5490	
58 Isobutyl alcohol	43	4.557	4.551	0.006	19	1012	12.5	11.4	Ma
59 Isooctane	57	4.582	4.582	0.000	97	6051	0.5000	0.5275	
60 Benzene	78	4.612	4.612	0.000	95	8574	0.5000	0.5539	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	215314	50.0	49.0	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	70	5691	0.5000	0.4674	
63 Isopropyl acetate	61	4.673	4.673	0.000	88	781	0.5000	0.3894	
64 1,2-Dichloroethane	62	4.704	4.697	0.007	82	2665	0.5000	0.5319	
65 n-Heptane	100	4.777	4.771	0.006	89	241	0.5000	0.3555	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	767841	50.0	50.0	
67 n-Butanol	56	5.179	5.185	-0.006	7	564	12.5	9.50	a
68 Trichloroethene	95	5.234	5.228	0.006	92	1923	0.5000	0.5280	
69 Methylcyclohexane	83	5.350	5.356	-0.006	83	2776	0.5000	0.4875	
70 Ethyl acrylate	99	5.356	5.356	0.000	90	89	0.5000	0.1474	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	67	1916	0.5000	0.4701	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	34399	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	85	560	1.00	0.6540	
75 1,4-Dioxane	88	5.606	5.618	-0.012	24	720	25.0	19.3	
74 Dibromomethane	93	5.624	5.630	-0.006	80	1157	0.5000	0.4940	
76 n-Propyl acetate	43	5.649	5.648	0.001	96	2870	0.5000	0.5442	
77 Dichlorobromomethane	83	5.783	5.783	0.000	95	2104	0.5000	0.4985	
78 2-Nitropropane	41	6.118	6.112	0.006	42	1115	1.00	2.29	
79 2-Chloroethyl vinyl ether	63	6.118	6.124	-0.006	73	1268	0.5012	0.5017	
80 Epichlorohydrin	57	6.215	6.222	-0.007	96	3591	10.0	10.7	
81 cis-1,3-Dichloropropene	75	6.270	6.276	-0.006	92	2629	0.5000	0.4670	
82 4-Methyl-2-pentanone (MIBK)	58	6.447	6.441	0.006	96	3252	2.50	2.35	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	716109	50.0	50.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	92	10256	0.5000	0.6162	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	95	2234	0.5000	0.4715	
86 Ethyl methacrylate	69	6.978	6.977	0.001	43	1273	0.5000	0.2573	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	78	1250	0.5000	0.4578	
88 Tetrachloroethene	166	7.185	7.185	0.000	90	1951	0.5000	0.5597	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	93	2726	0.5000	0.4962	
90 2-Hexanone	43	7.423	7.423	0.001	94	5407	2.50	2.45	
91 n-Butyl acetate	43	7.545	7.544	0.000	65	2289	0.5000	0.4580	
92 Chlorodibromomethane	129	7.569	7.575	-0.006	88	1091	0.5000	0.4197	
93 Ethylene Dibromide	107	7.721	7.721	0.000	90	1621	0.5000	0.5292	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	87	529898	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	94	5054	0.5000	0.5226	
96 Ethylbenzene	106	8.410	8.410	0.000	98	2663	0.5000	0.5097	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	36	1397	0.5000	0.4964	
98 m-Xylene & p-Xylene	106	8.575	8.569	0.006	0	2888	0.5000	0.4615	
99 o-Xylene	106	9.099	9.087	0.012	89	3238	0.5000	0.5070	M
100 n-Butyl acrylate	73	9.093	9.087	0.006	48	893	0.5000	0.4213	M
101 Styrene	104	9.123	9.123	0.000	96	5232	0.5000	0.5174	
102 Bromoform	173	9.373	9.367	0.006	49	494	0.5000	0.5218	
103 Amyl acetate (mixed isomers)	43	9.386	9.379	0.007	89	1937	0.5000	0.2508	M
104 Isopropylbenzene	105	9.532	9.532	0.000	95	6801	0.5000	0.4685	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	220729	50.0	49.5	
106 Bromobenzene	156	9.904	9.898	0.006	96	2405	0.5000	0.5707	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	91	1890	0.5000	0.4647	
108 N-Propylbenzene	91	9.995	9.995	0.000	98	9975	0.5000	0.5218	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	94	549	0.5000	0.4729	
110 trans-1,4-Dichloro-2-butene	53	10.032	10.044	-0.012	64	373	0.5000	0.3965	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	6762	0.5000	0.5039	
112 4-Ethyltoluene	105	10.117	10.123	-0.006	98	8236	0.5000	0.5144	
113 1,3,5-Trimethylbenzene	105	10.203	10.196	0.007	93	6629	0.5000	0.5003	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	6679	0.5000	0.5179	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	91	1106	0.5000	0.2158	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	5672	0.5000	0.5098	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	6884	0.5000	0.4989	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	8564	0.5000	0.5074	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	4136	0.5000	0.5020	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	96	6586	0.5000	0.4555	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	296084	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	88	4186	0.5000	0.5097	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	96	7687	0.5000	0.5127	
124 Benzyl chloride	91	11.086	11.086	0.000	95	2415	0.5000	0.4163	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	93	6583	0.5000	0.4619	
126 p-Diethylbenzene	119	11.215	11.214	0.001	93	4207	0.5000	0.4553	a
127 n-Butylbenzene	92	11.239	11.239	0.000	96	3578	0.5000	0.4518	
128 1,2-Dichlorobenzene	146	11.288	11.282	0.006	95	3778	0.5000	0.4669	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	7399	0.5000	0.5118	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.970	-0.006	1	196	0.5000	0.3436	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	90	3649	0.5000	0.5287	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	89	2893	0.5000	0.4677	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	89	1558	0.5000	0.4896	
134 Naphthalene	128	12.775	12.775	0.000	98	6654	0.5000	0.4608	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	94	3047	0.5000	0.4798	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.09	
S 137 Xylenes, Total	100				0		1.00	0.9685	
S 139 1,3-Dichloropropene, Total	1				0		1.00	0.9386	
S 140 Total BTEX	1				0		2.50	2.65	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	5.00	Units: uL	
ACROLEIN W_00173	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	5.00	Units: uL	
14DIOXINTER_00172	Amount Added:	15.00	Units: uL	
GASES Li_00600	Amount Added:	5.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:11:00 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D

Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17

Lims ID: STD05

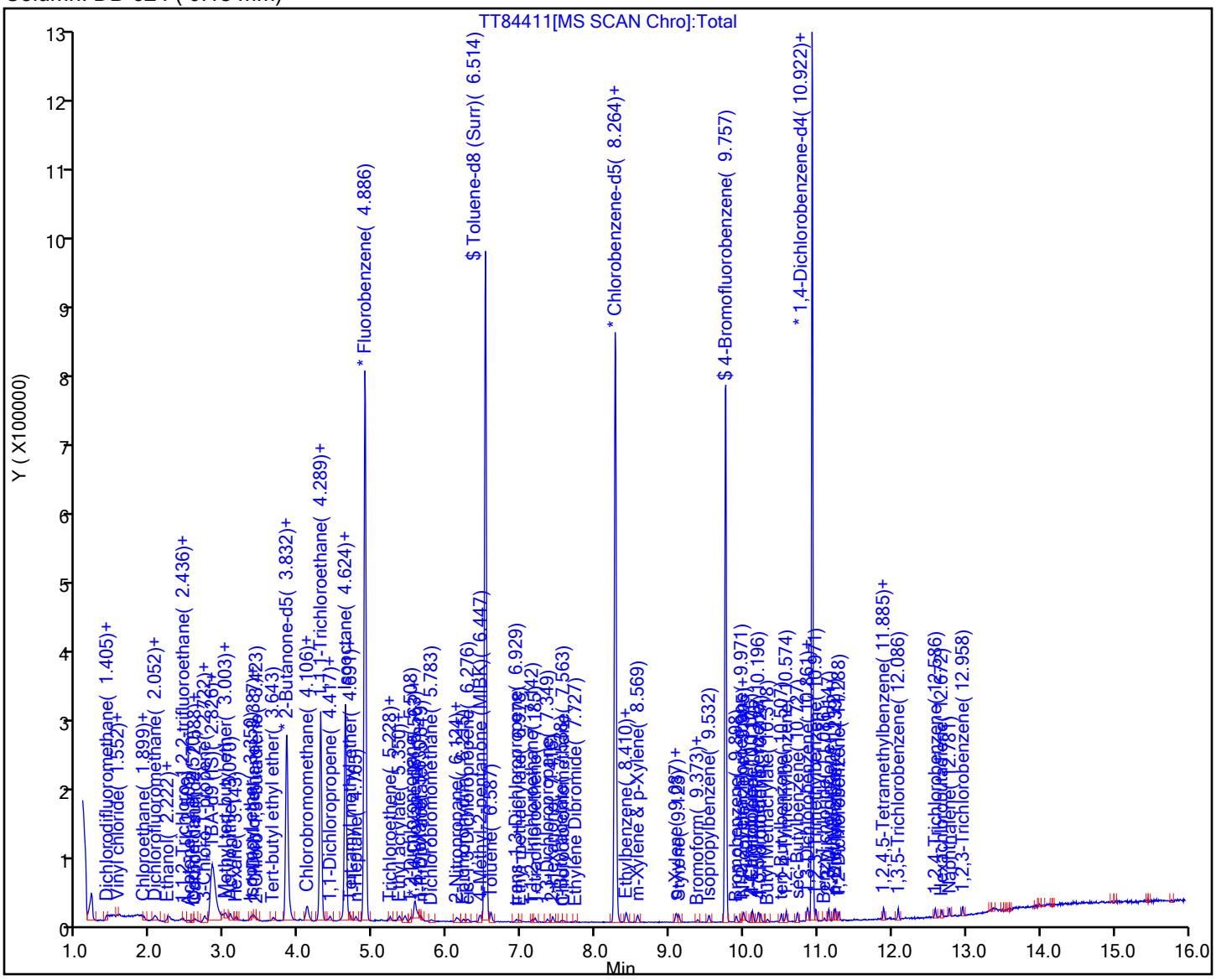
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

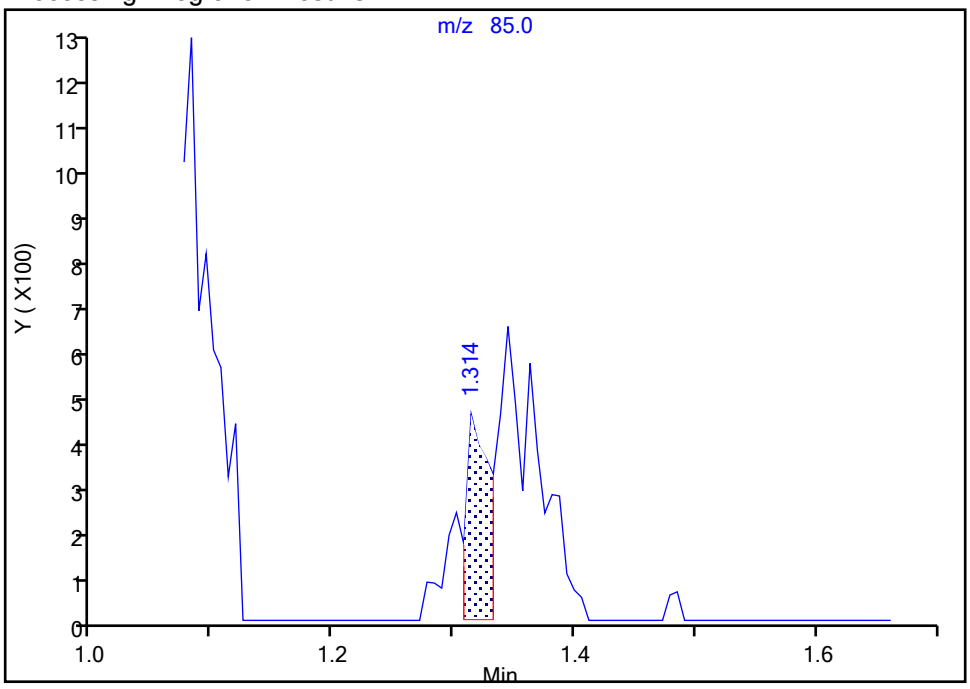
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

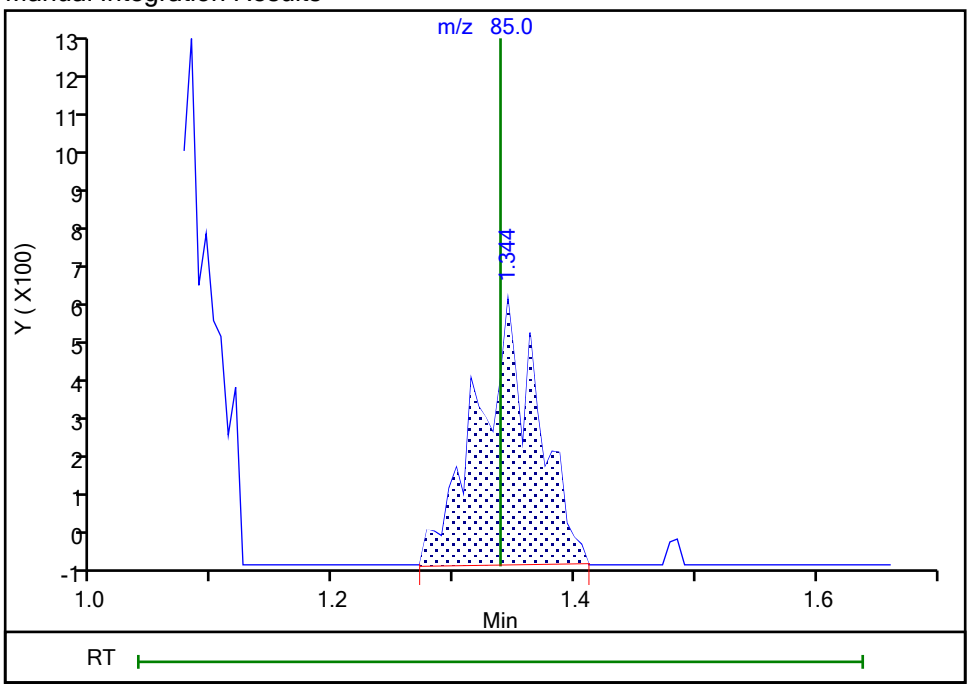
Processing Integration Results

RT: 1.31
Area: 609
Amount: 0.165637
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 2228
Amount: 0.482595
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:51:23 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

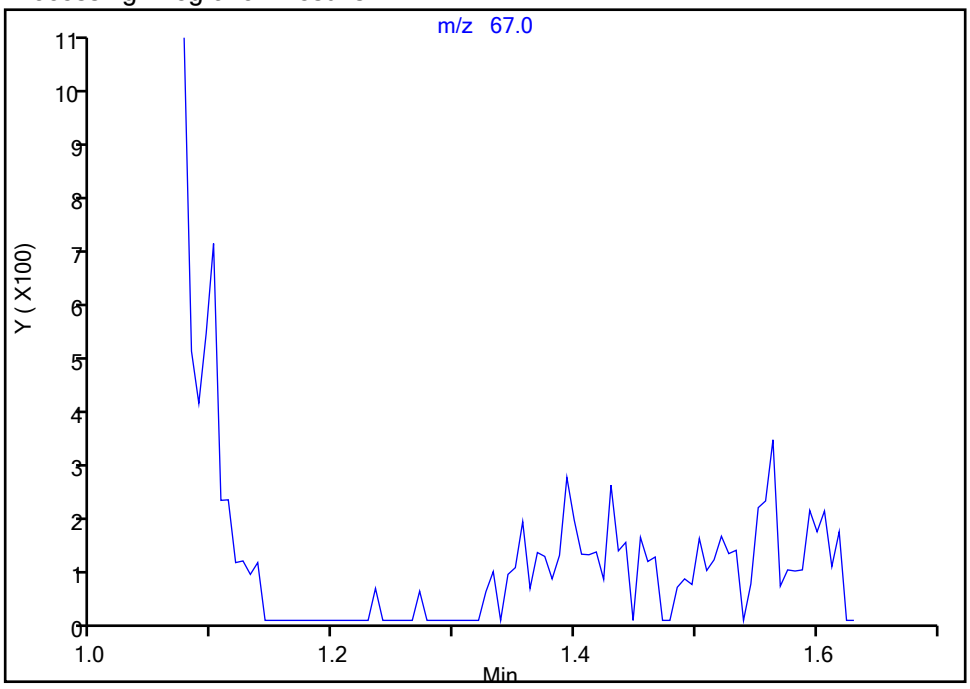
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

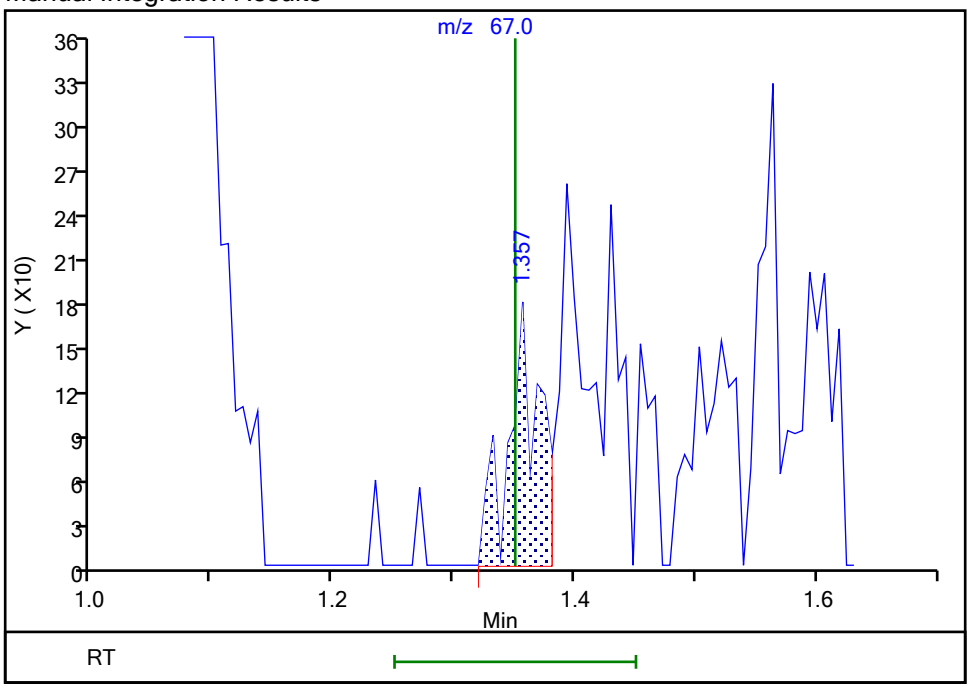
Not Detected
Expected RT: 1.35

Processing Integration Results



Manual Integration Results

RT: 1.36
Area: 313
Amount: 0.565218
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:52:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

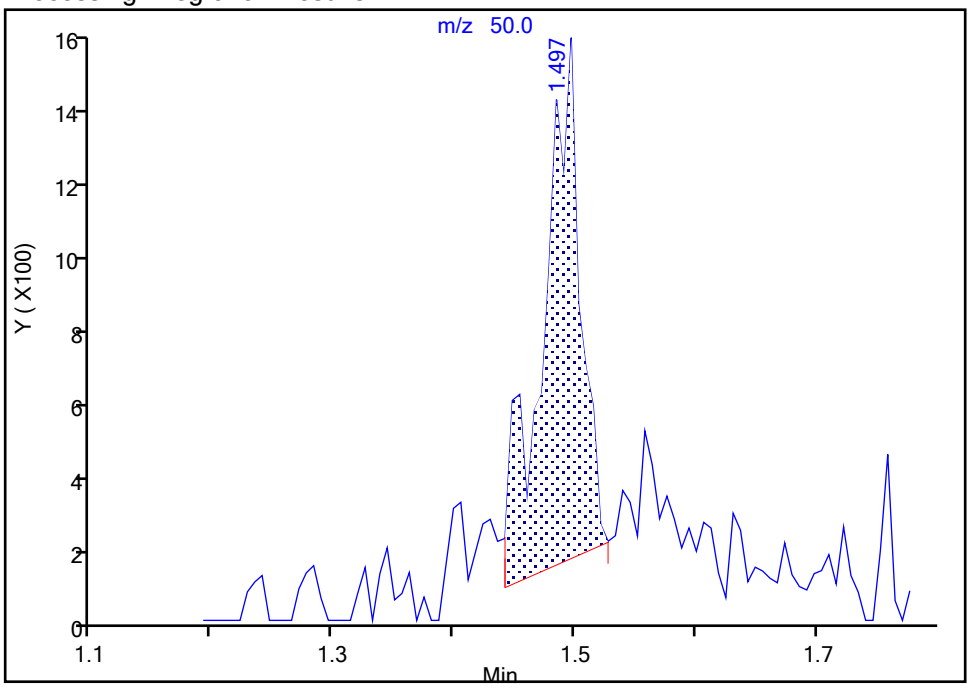
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 1

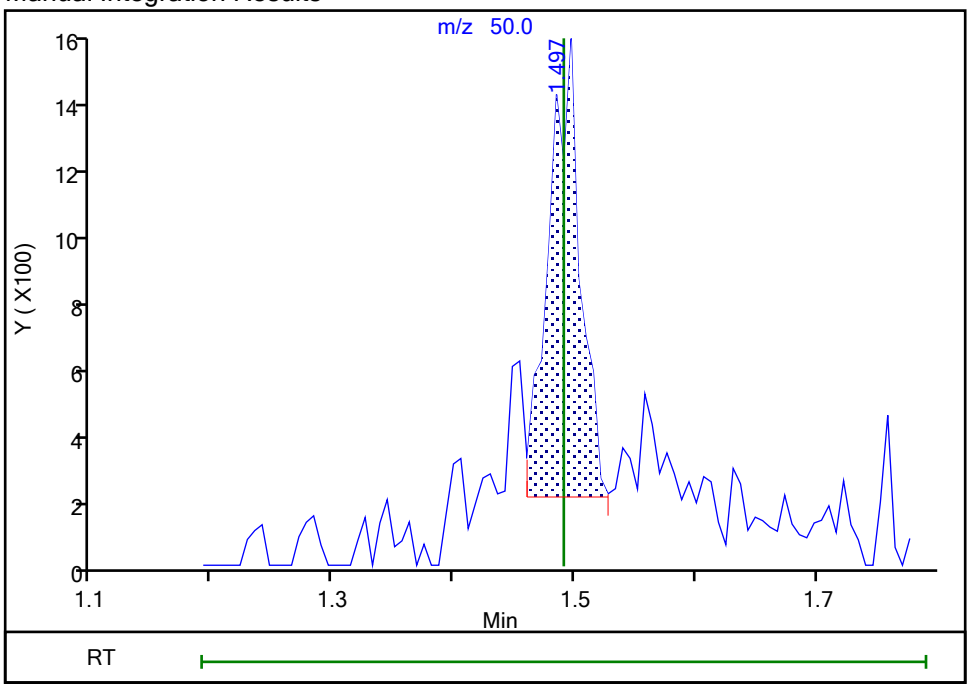
Processing Integration Results

RT: 1.50
Area: 2993
Amount: 0.517256
Amount Units: ug/l



Manual Integration Results

RT: 1.50
Area: 2424
Amount: 0.438255
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:53:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

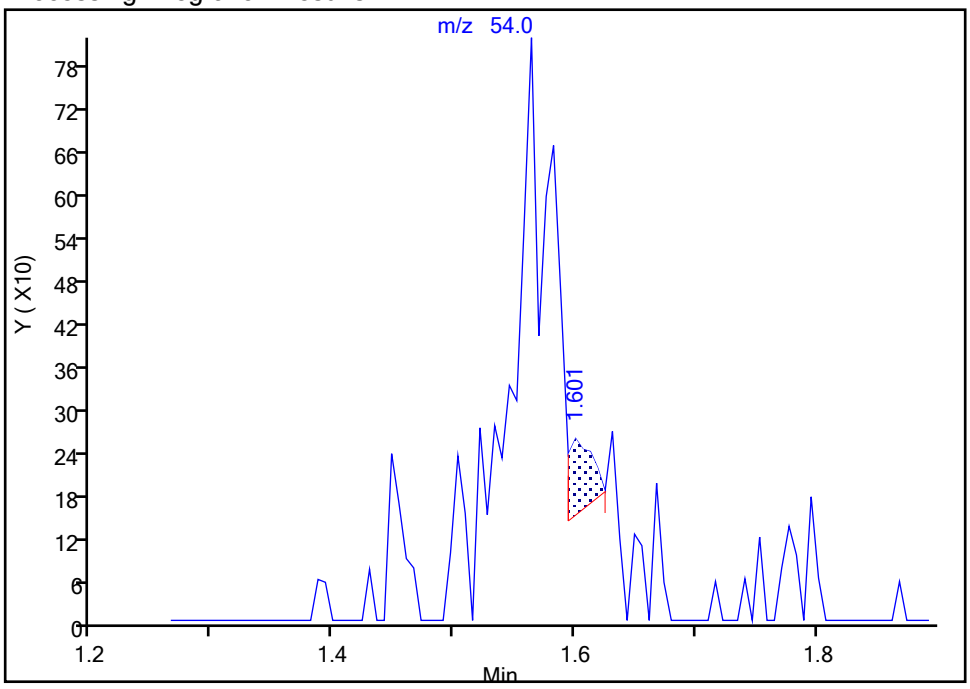
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

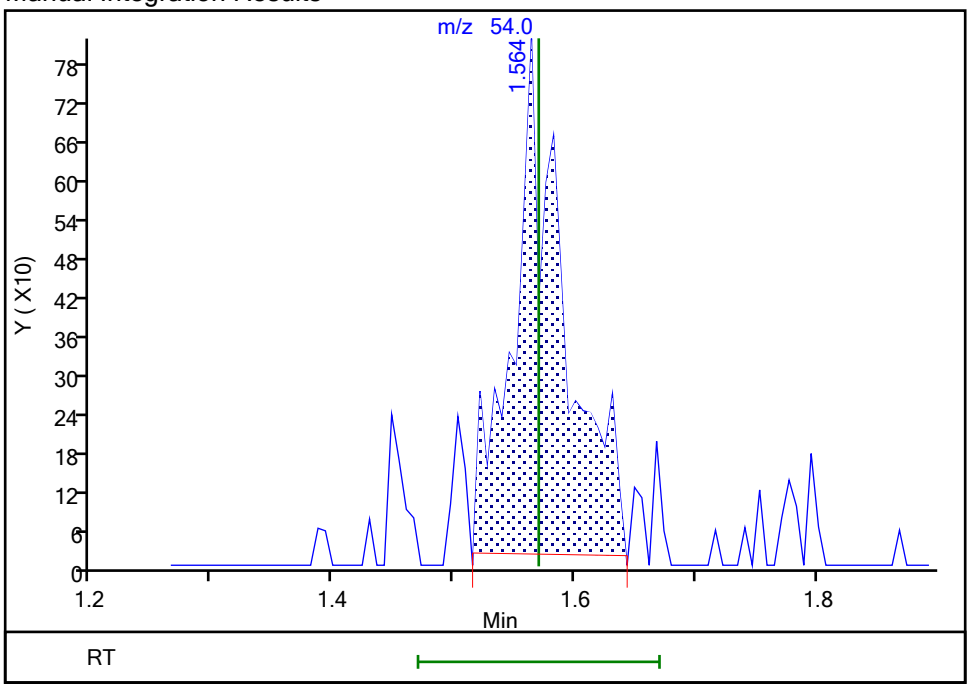
Processing Integration Results

RT: 1.60
Area: 143
Amount: 0.057134
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 2329
Amount: 0.510756
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:39:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

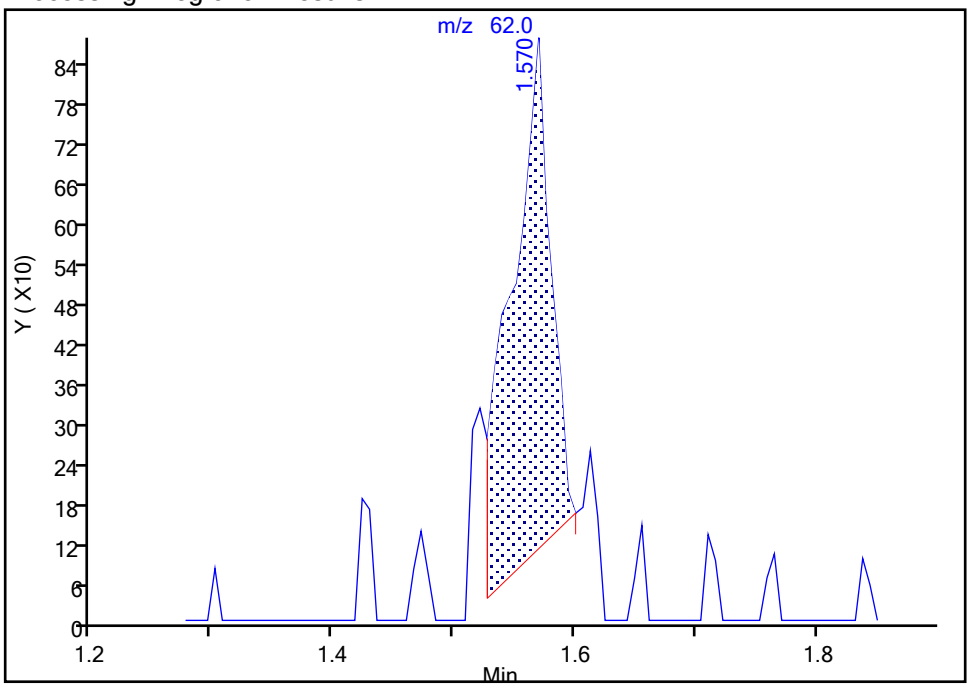
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

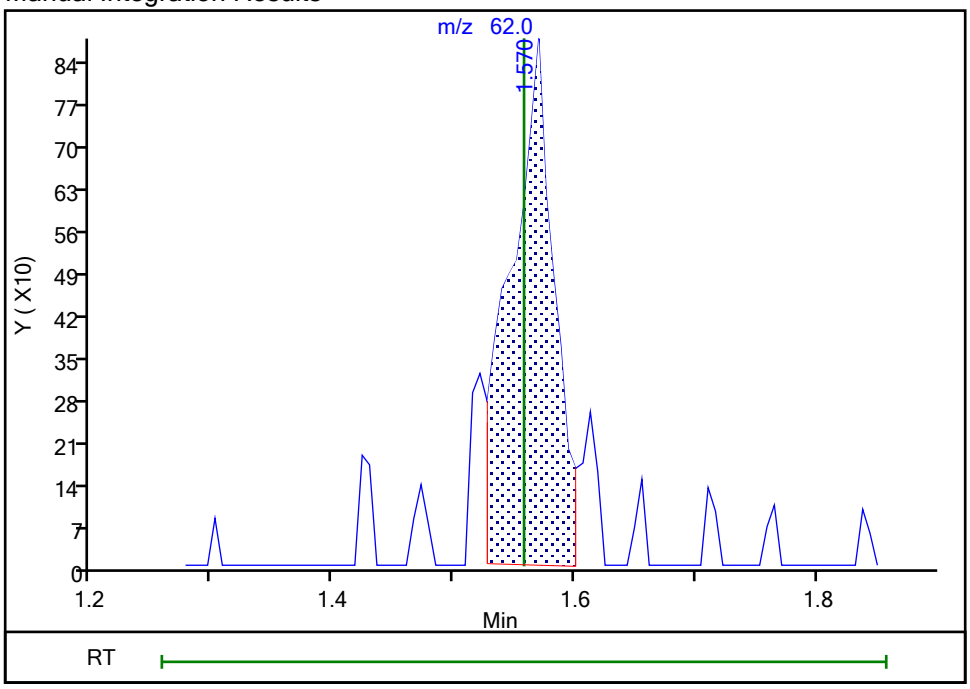
Processing Integration Results

RT: 1.57
Area: 1784
Amount: 0.356862
Amount Units: ug/l



Manual Integration Results

RT: 1.57
Area: 2236
Amount: 0.460613
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:53:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

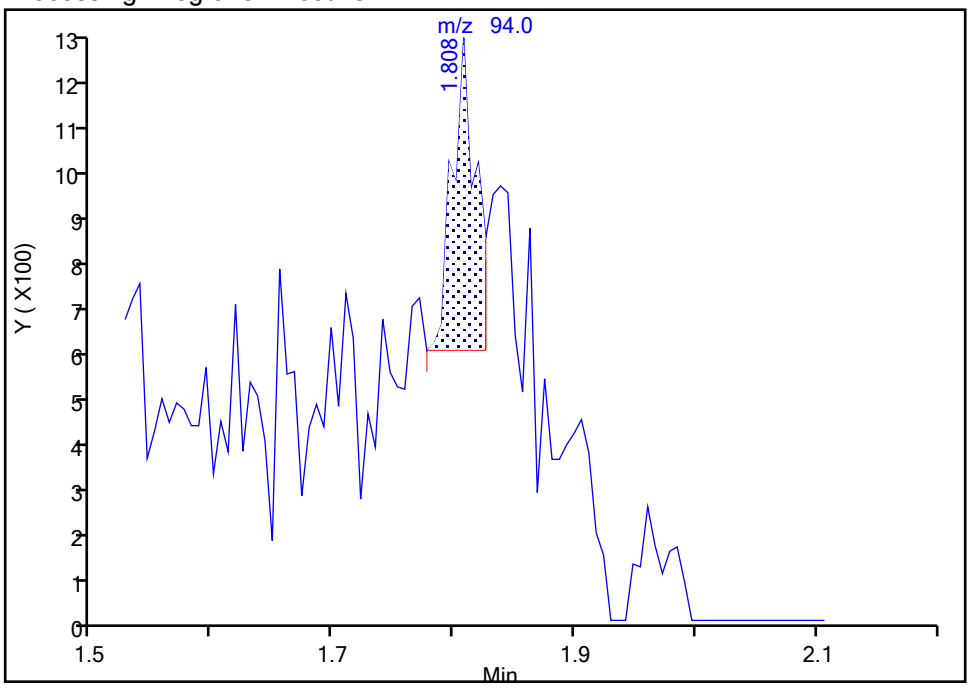
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

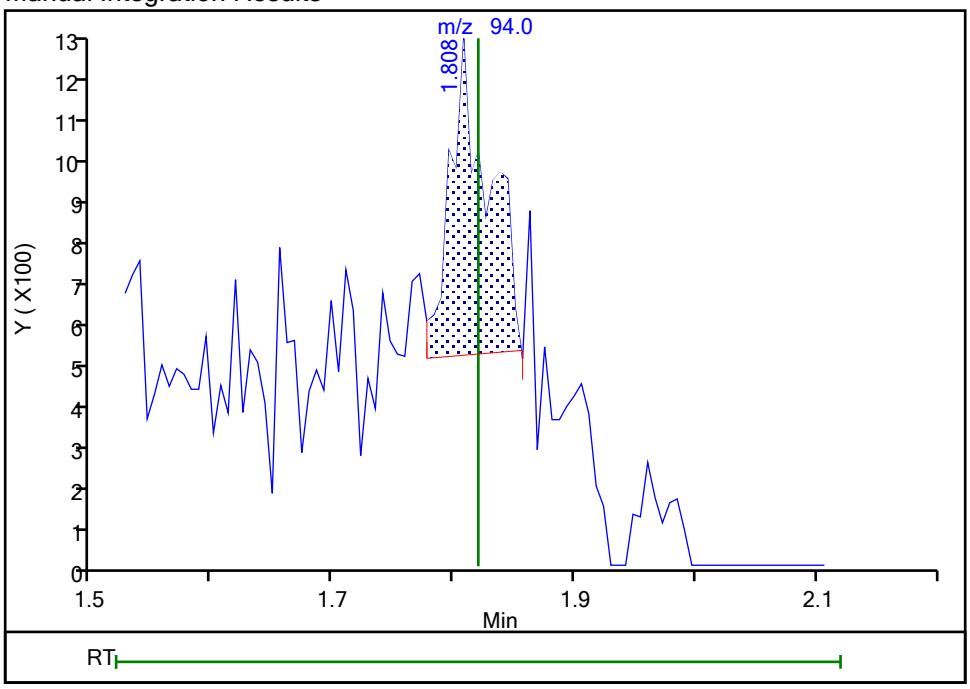
Processing Integration Results

RT: 1.81
Area: 901
Amount: 0.253556
Amount Units: ug/l



Manual Integration Results

RT: 1.81
Area: 1656
Amount: 0.483331
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:37:02 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

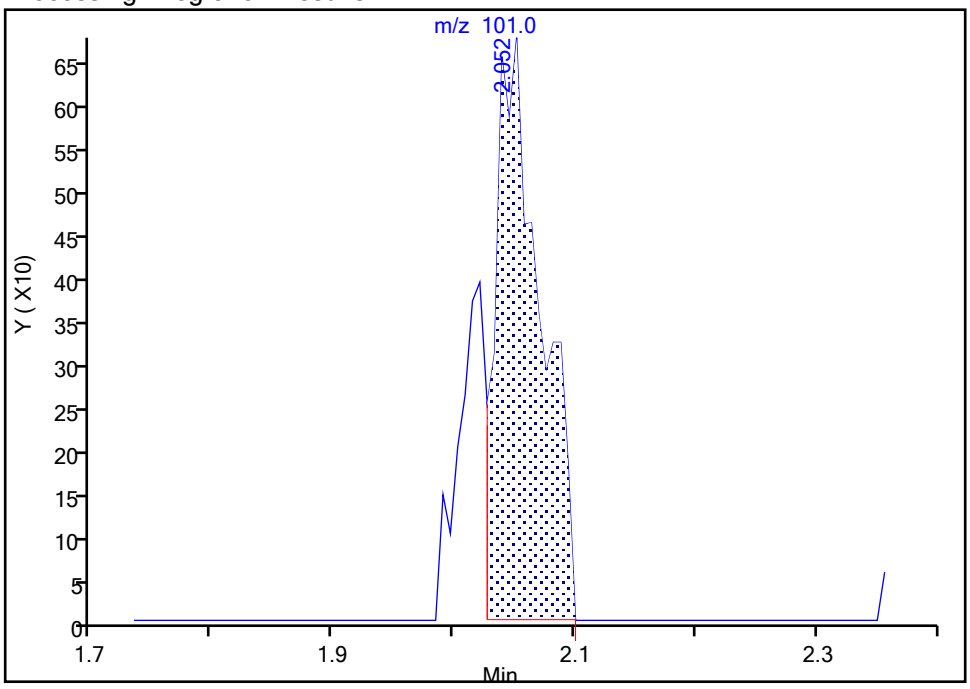
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

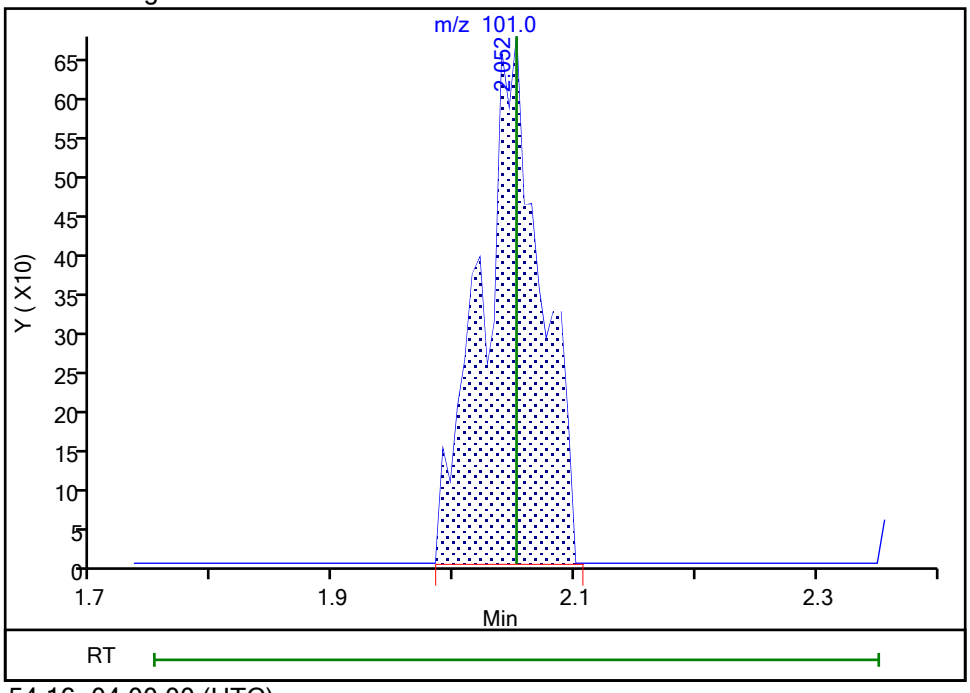
Processing Integration Results

RT: 2.05
Area: 1780
Amount: 0.395744
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 2320
Amount: 0.472409
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

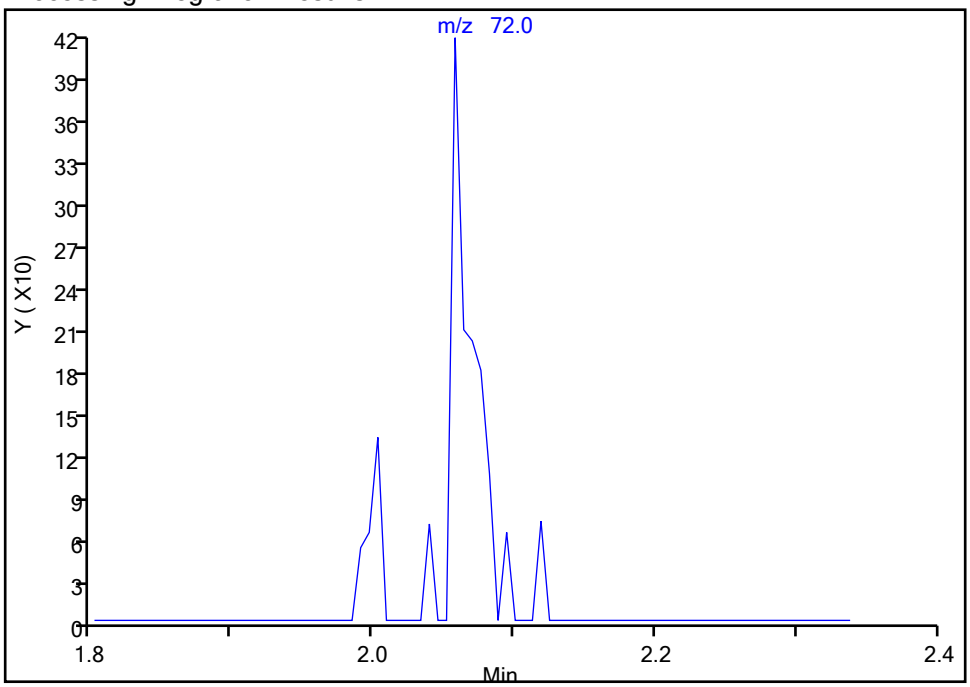
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Signal: 1

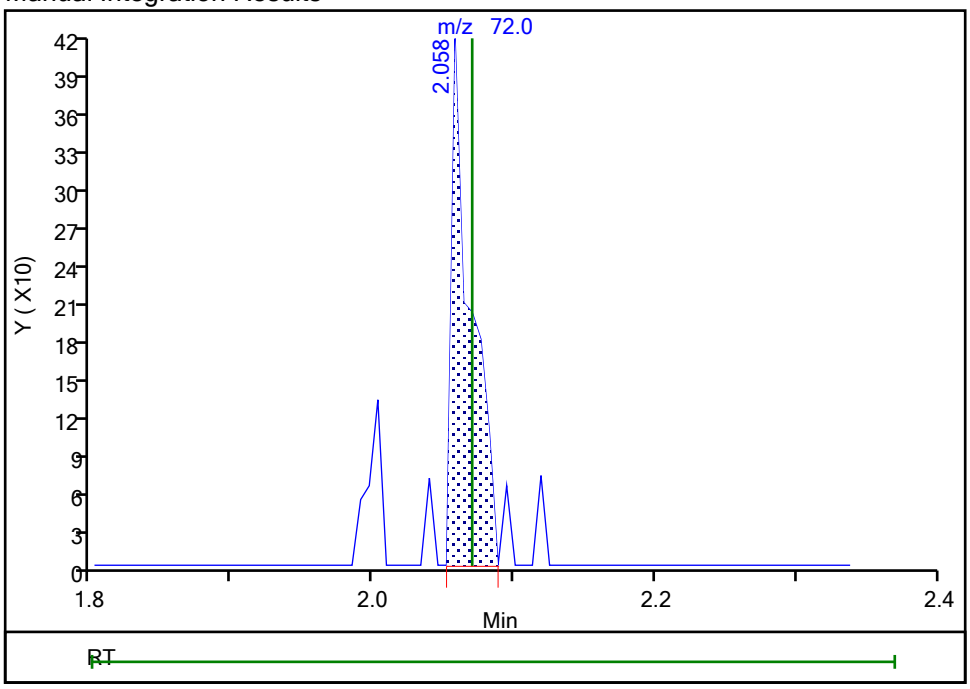
Not Detected
Expected RT: 2.07

Processing Integration Results



Manual Integration Results

RT: 2.06
Area: 406
Amount: 0.700949
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

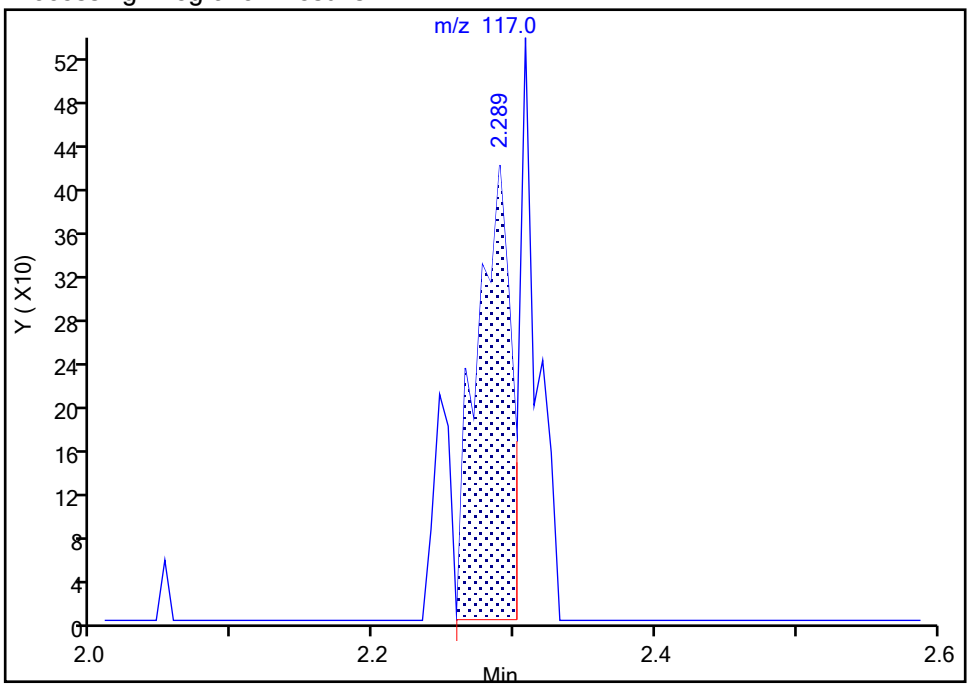
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

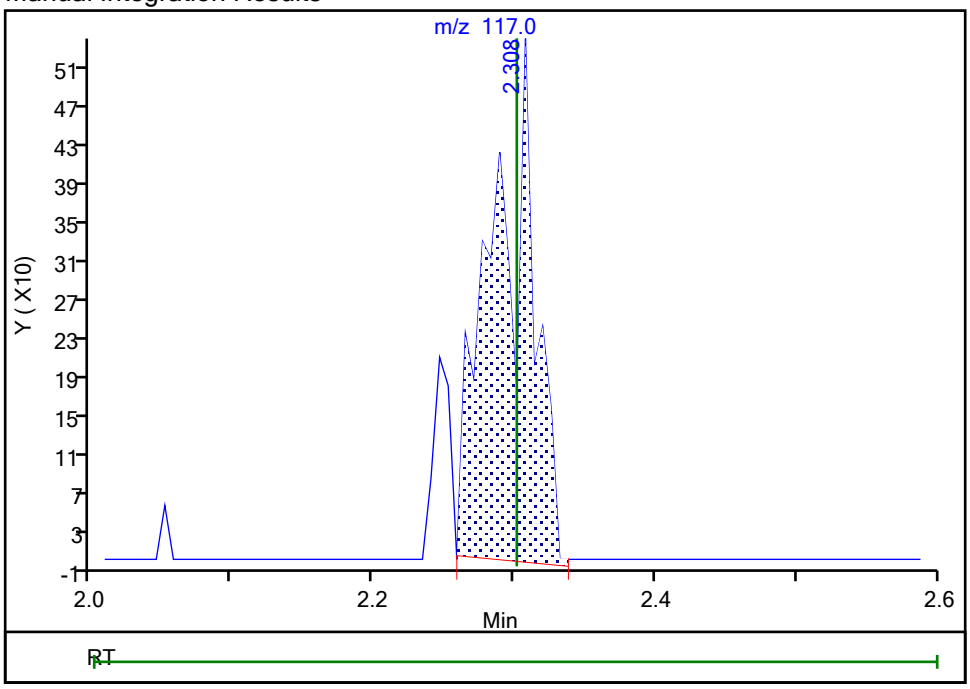
Processing Integration Results

RT: 2.29
Area: 705
Amount: 0.285347
Amount Units: ug/l



Manual Integration Results

RT: 2.31
Area: 1121
Amount: 0.362197
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

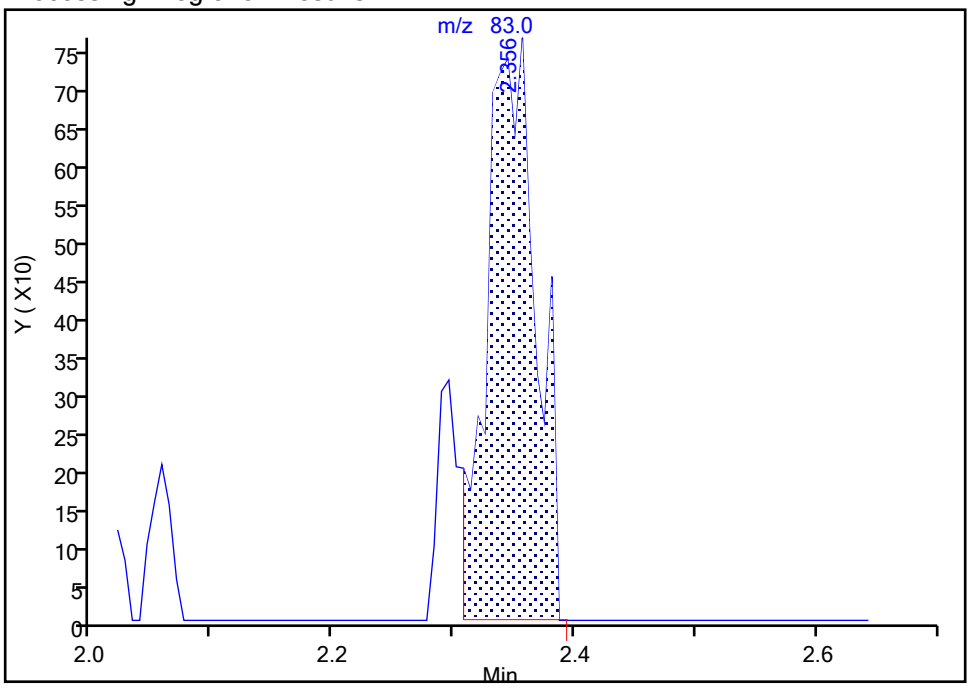
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

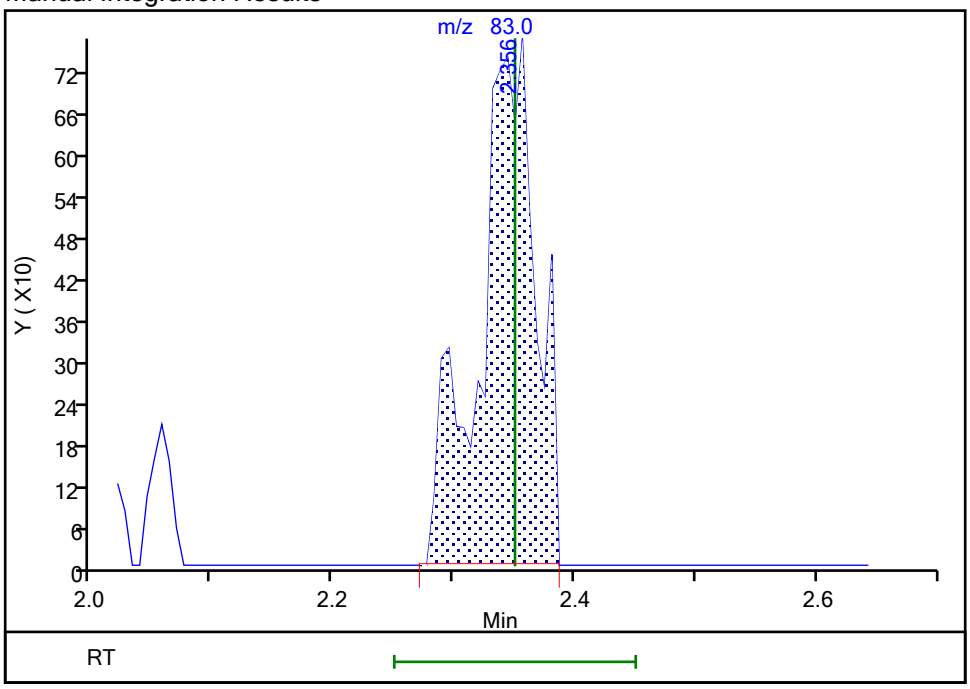
Processing Integration Results

RT: 2.36
Area: 2182
Amount: 0.400785
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 2510
Amount: 0.459866
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:37 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

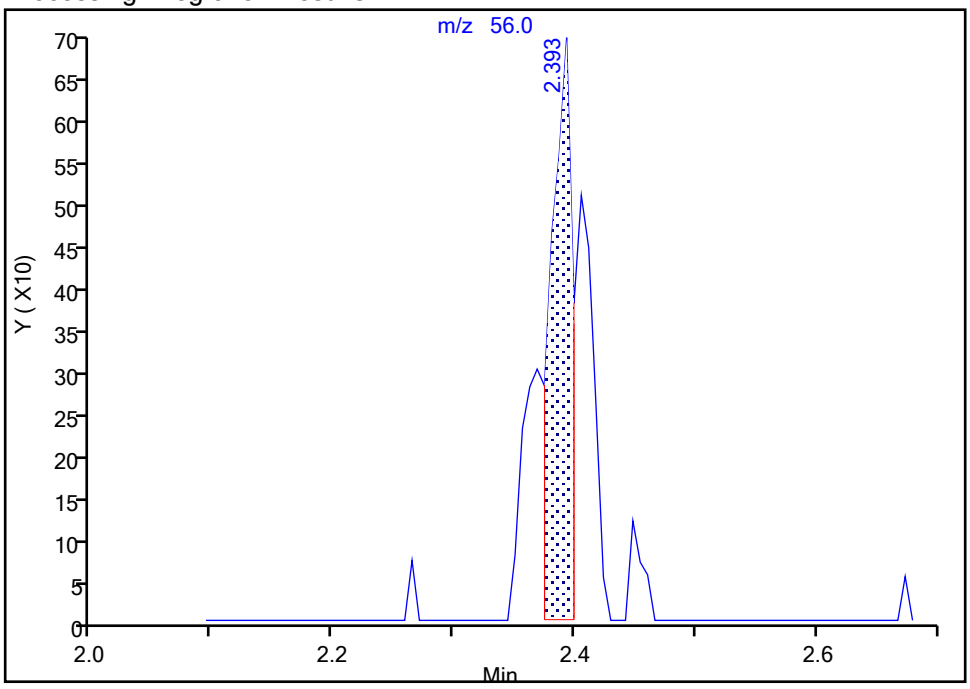
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Signal: 1

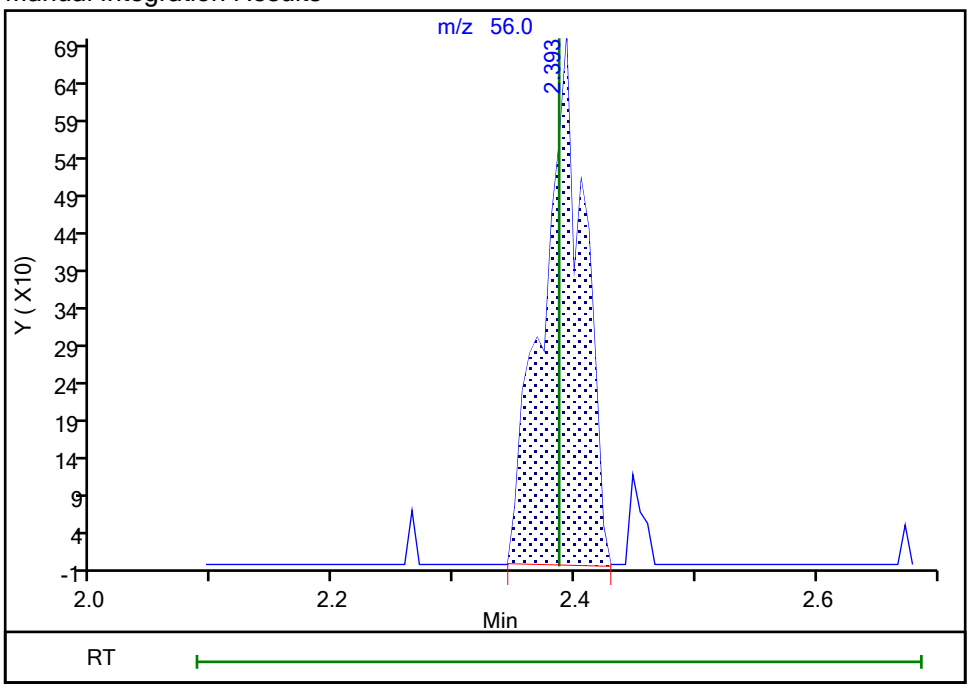
Processing Integration Results

RT: 2.39
Area: 862
Amount: 1.625985
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 1645
Amount: 2.492636
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

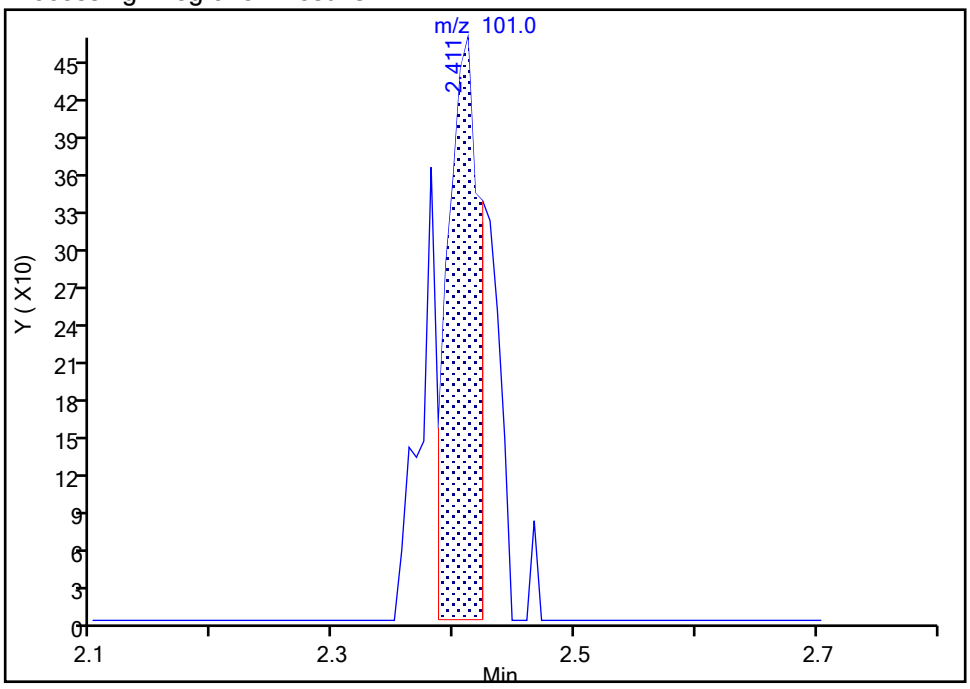
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

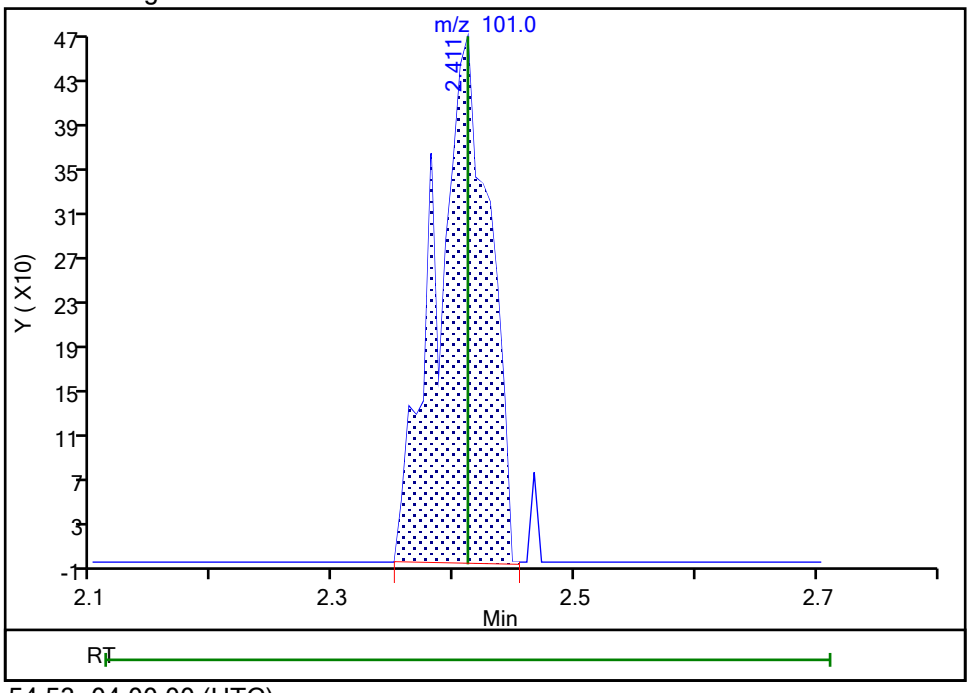
Processing Integration Results

RT: 2.41
Area: 873
Amount: 0.293944
Amount Units: ug/l



Manual Integration Results

RT: 2.41
Area: 1440
Amount: 0.483302
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:53 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

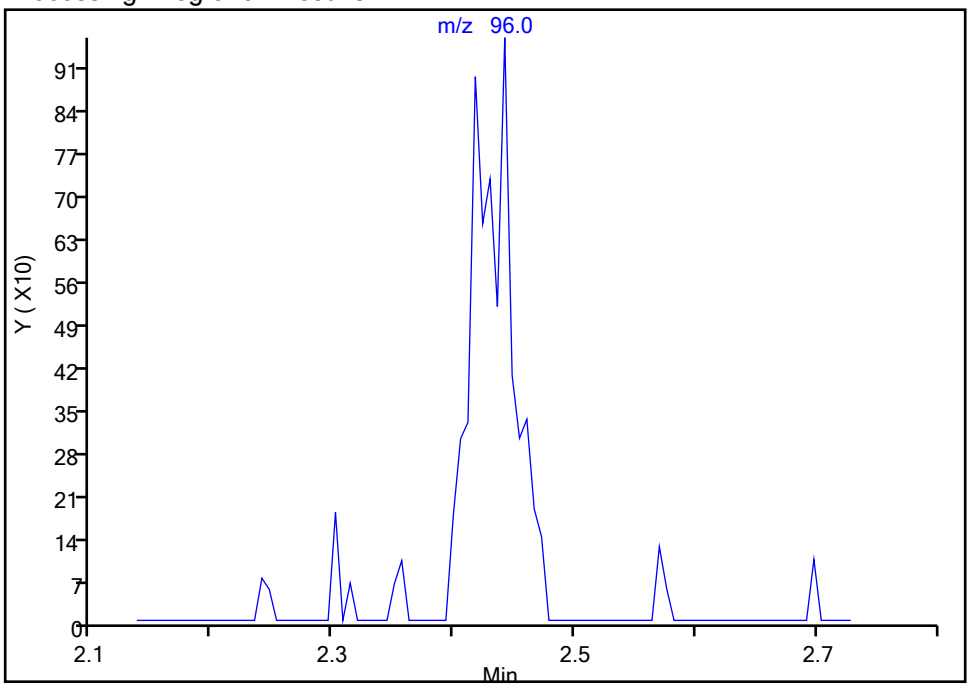
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

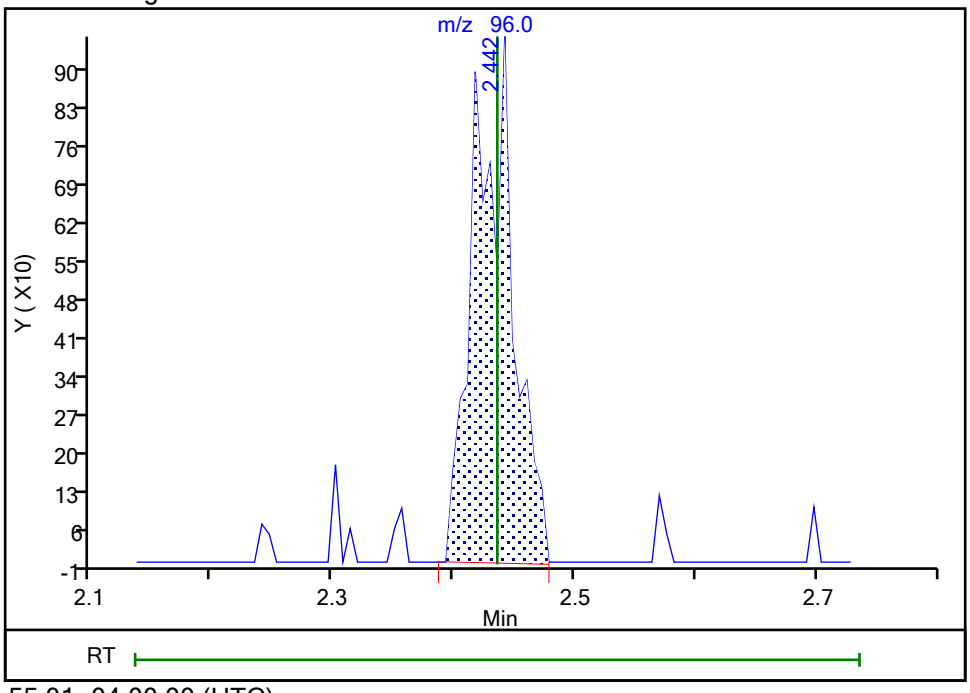
Not Detected
Expected RT: 2.44

Processing Integration Results



Manual Integration Results

RT: 2.44
Area: 2158
Amount: 0.594833
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:01 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

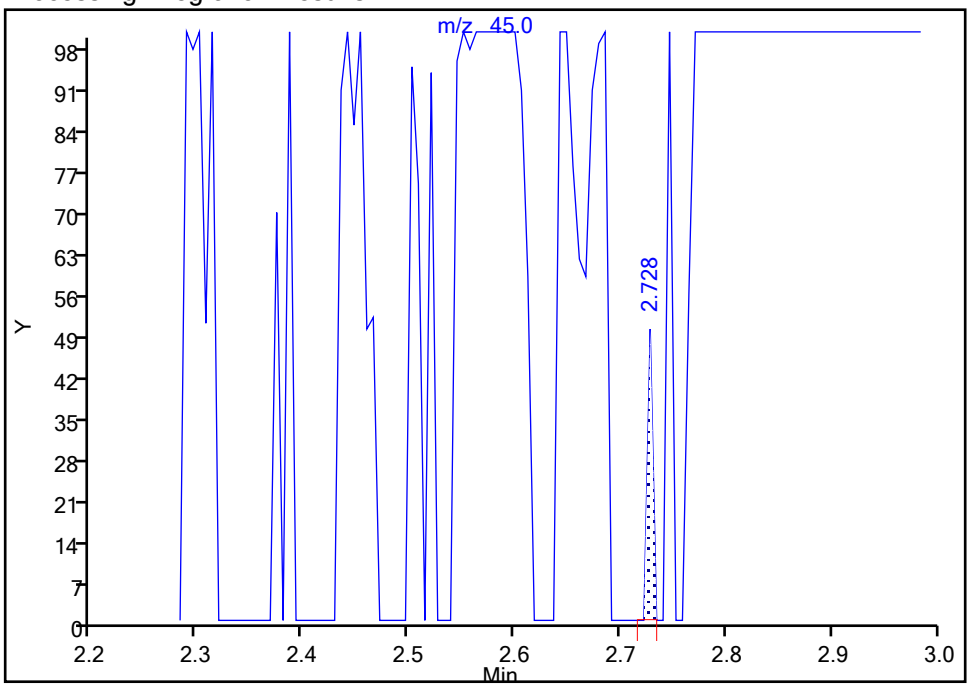
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

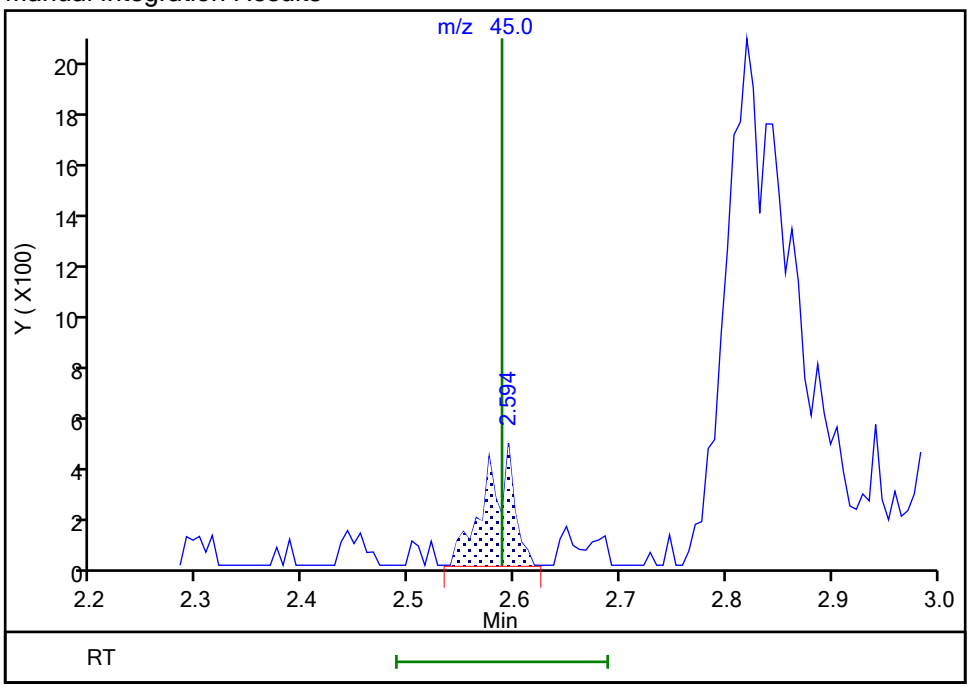
Processing Integration Results

RT: 2.73
Area: 18
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.59
Area: 880
Amount: 5.300947
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:01:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

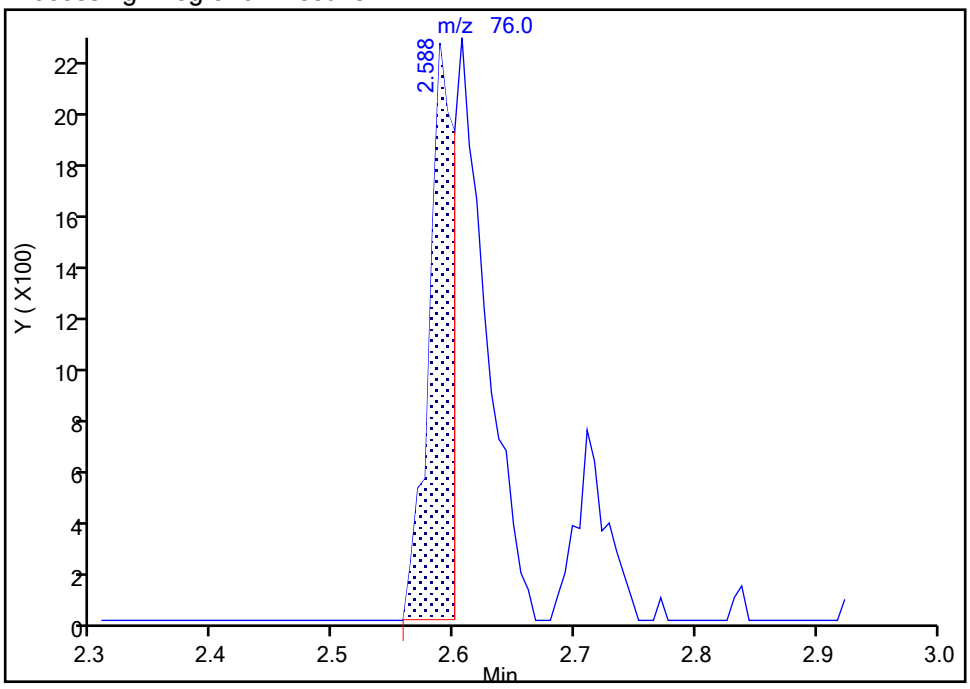
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

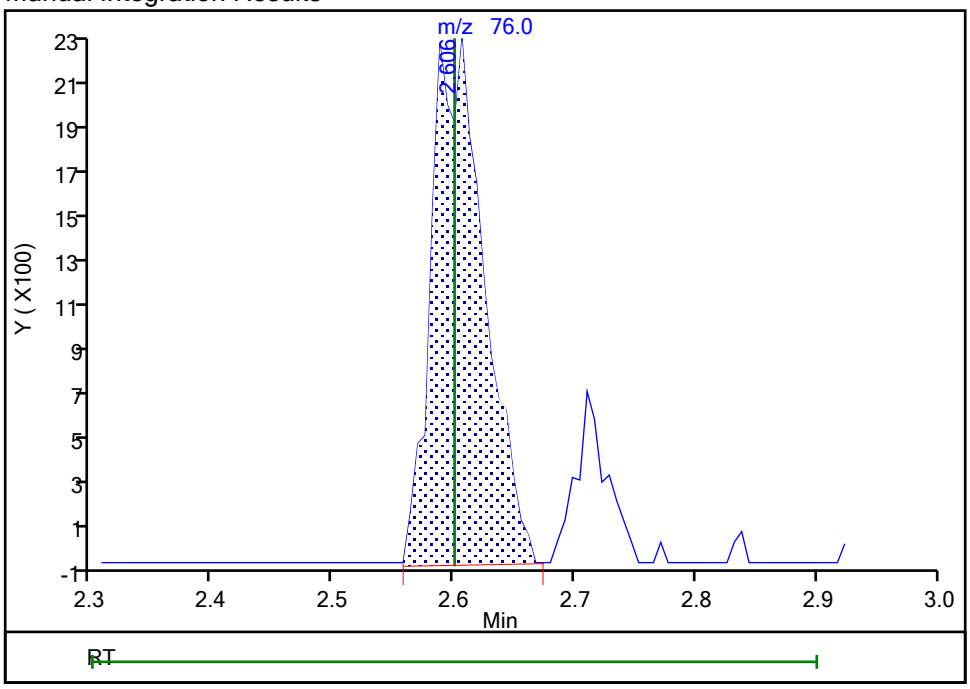
Processing Integration Results

RT: 2.59
Area: 3194
Amount: 0.236643
Amount Units: ug/l



Manual Integration Results

RT: 2.61
Area: 6783
Amount: 0.523030
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

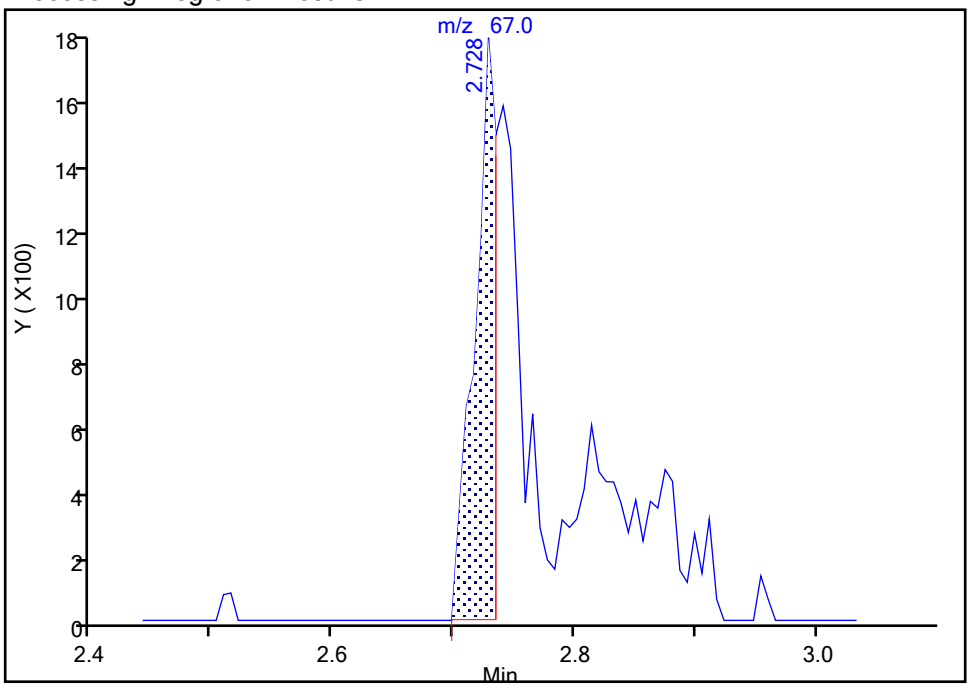
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

28 Cyclopentene, CAS: 142-29-0

Signal: 1

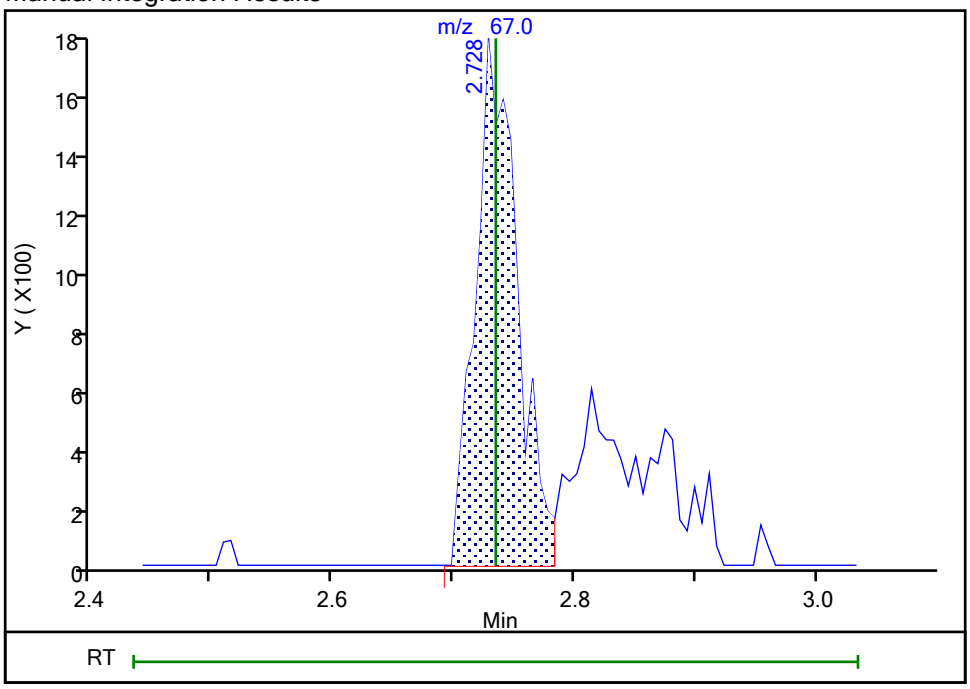
Processing Integration Results

RT: 2.73
Area: 2206
Amount: 0.293173
Amount Units: ug/l



Manual Integration Results

RT: 2.73
Area: 4195
Amount: 0.550701
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

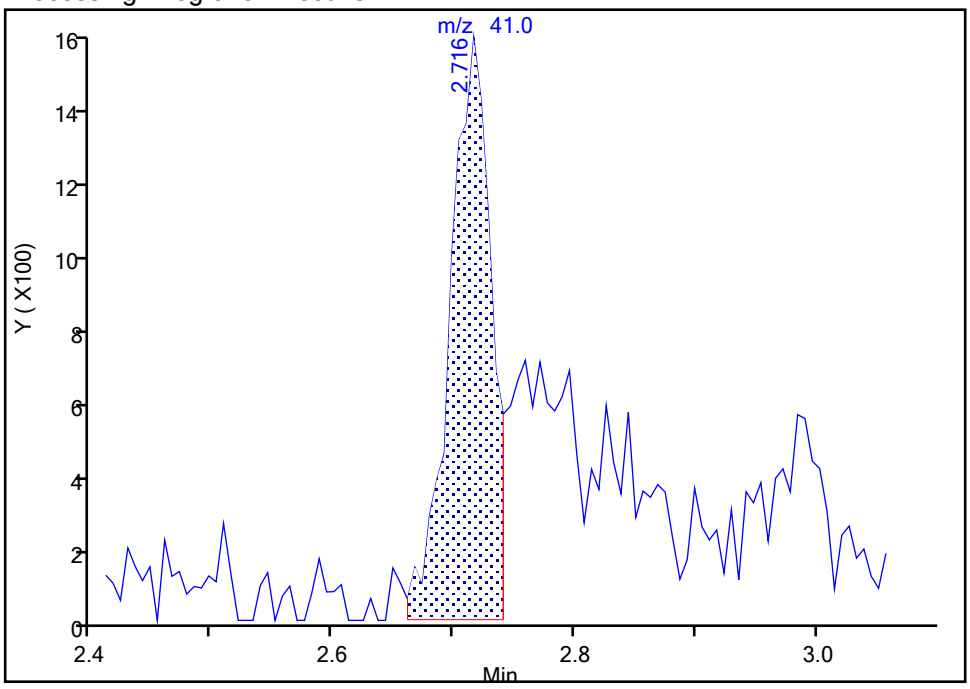
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

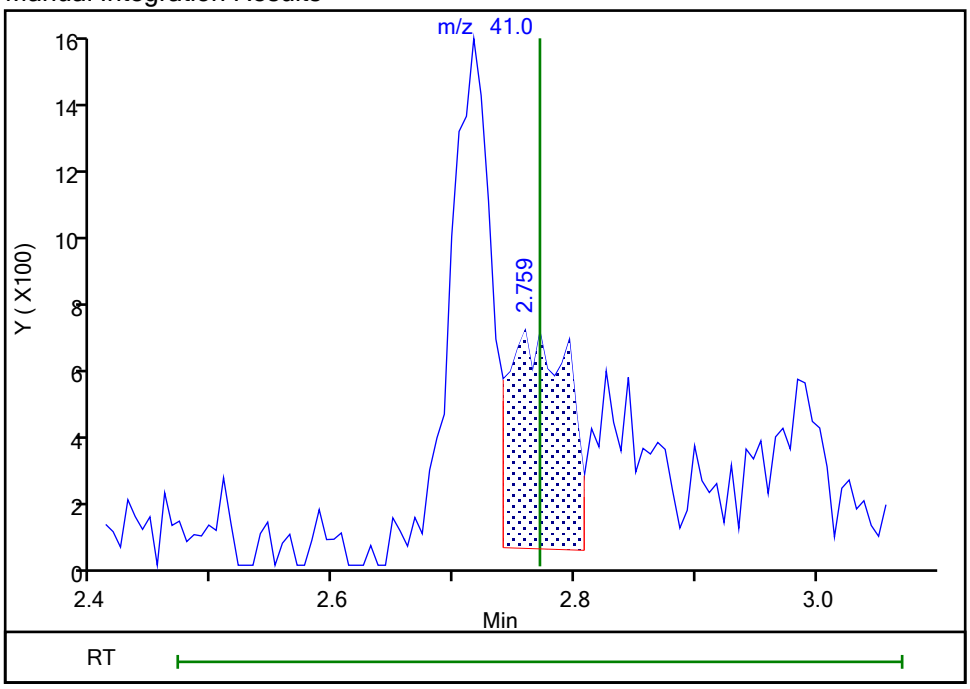
Processing Integration Results

RT: 2.72
Area: 3841
Amount: 6.194849
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 2358
Amount: 4.789629
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:42:14 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Eurofins Edison

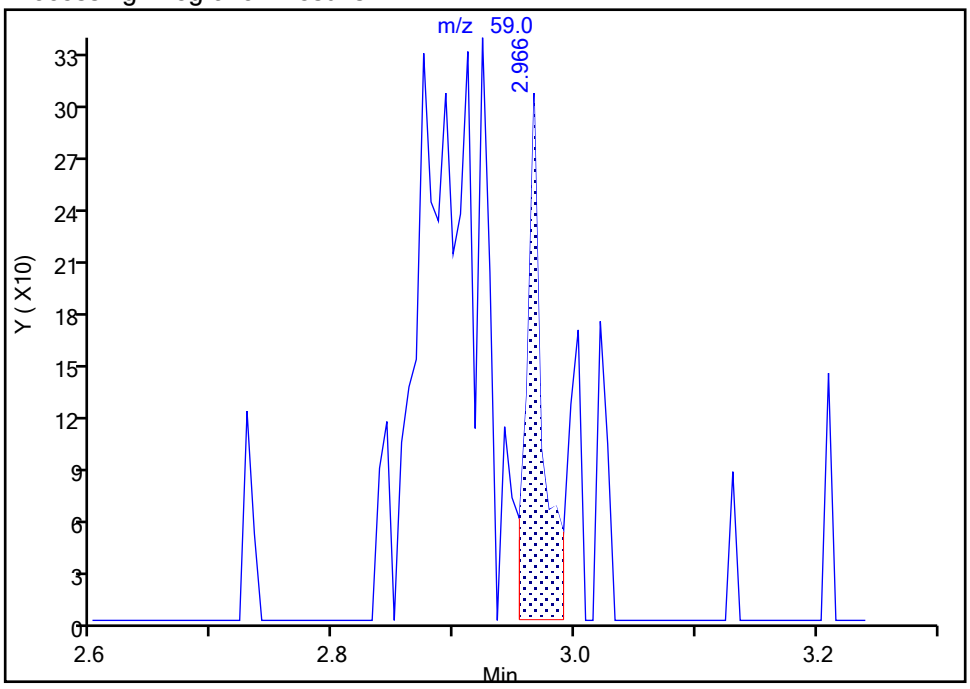
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

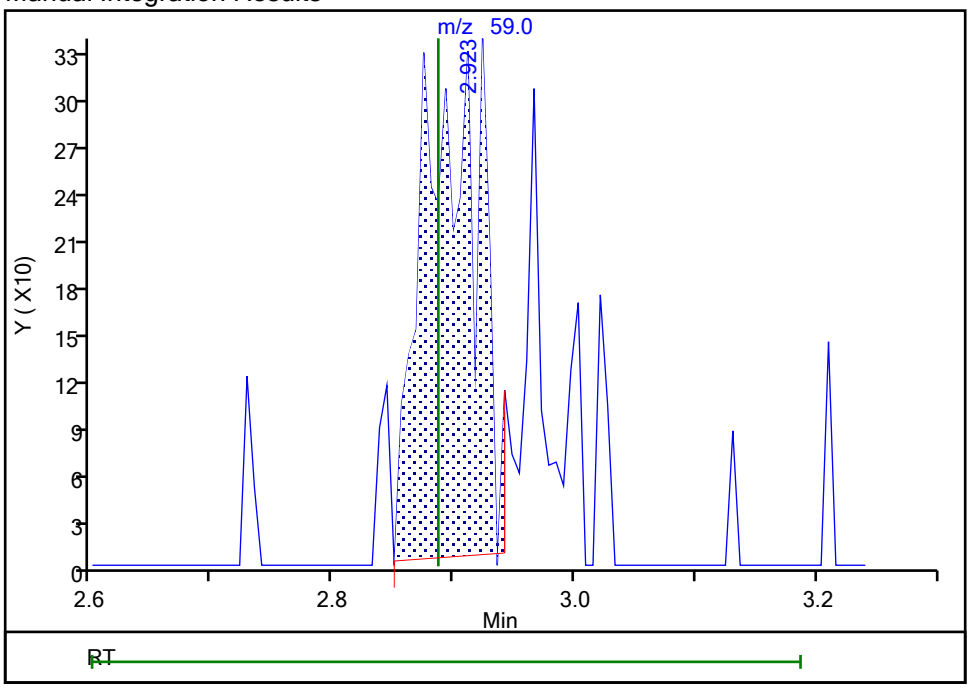
Processing Integration Results

RT: 2.97
Area: 284
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.92
Area: 1083
Amount: 4.078774
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

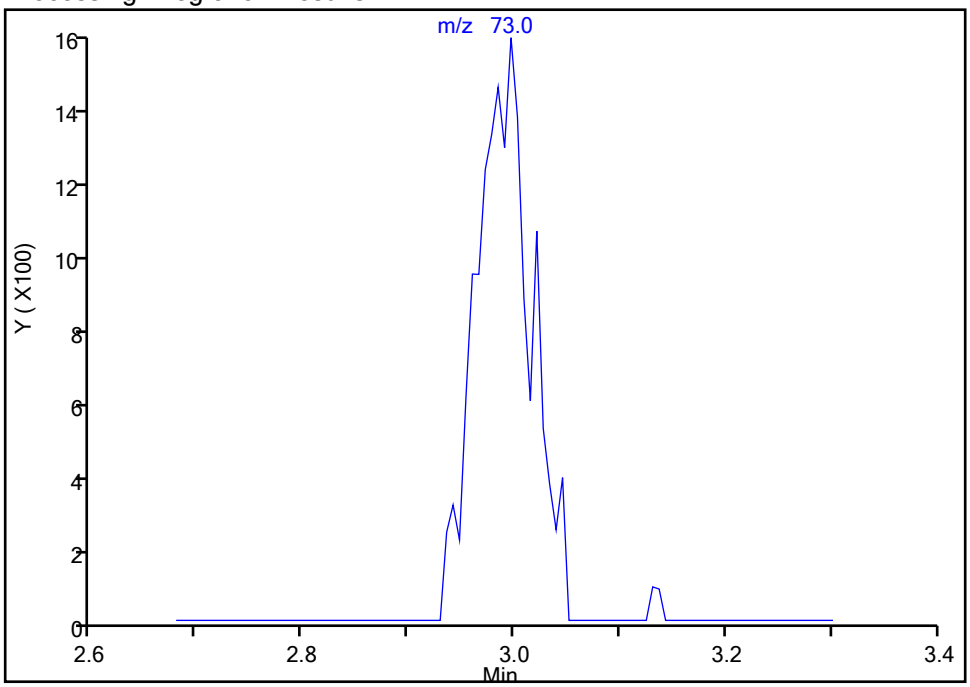
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

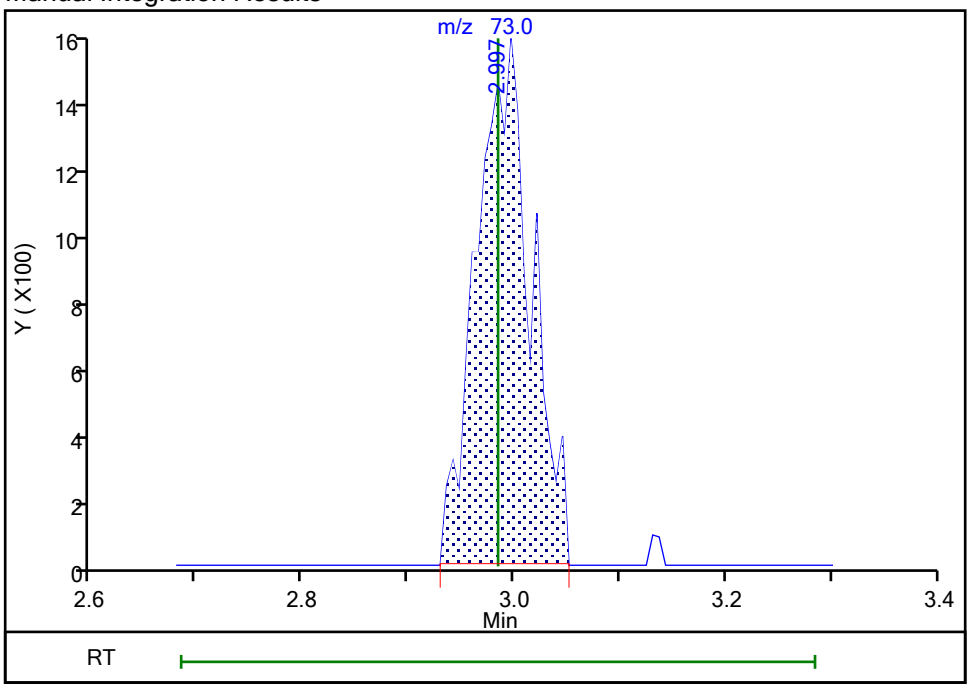
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 3.00
Area: 5738
Amount: 0.512753
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

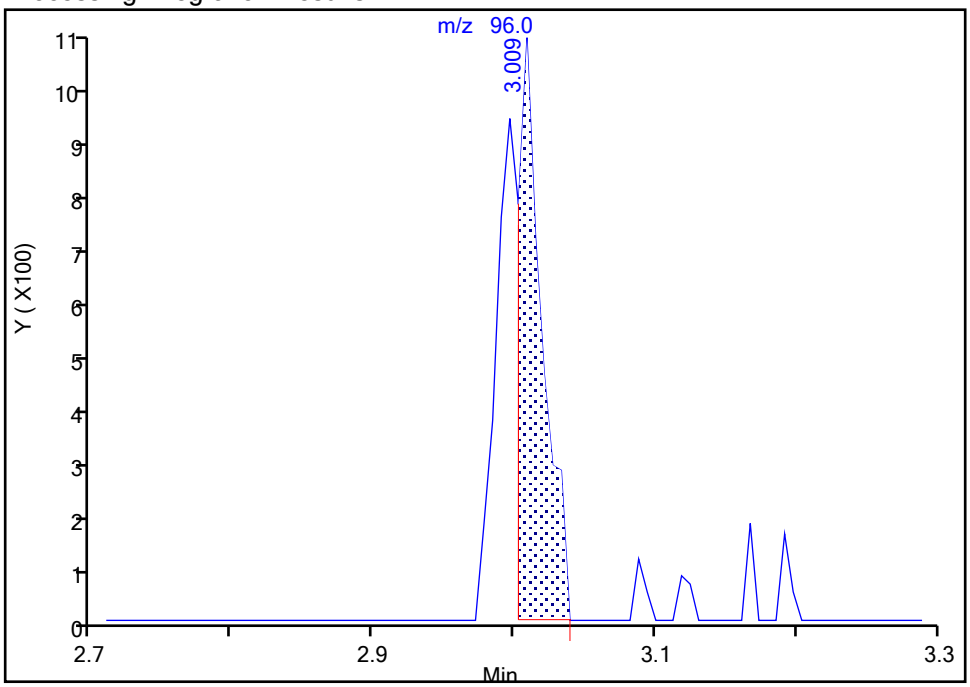
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

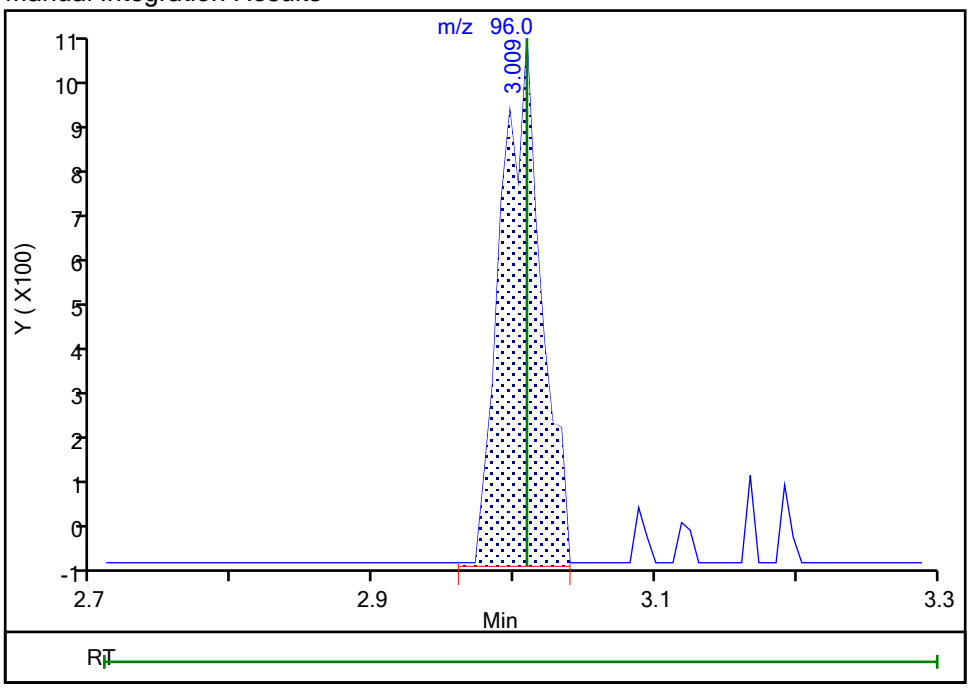
Processing Integration Results

RT: 3.01
Area: 1269
Amount: 0.295935
Amount Units: ug/l



Manual Integration Results

RT: 3.01
Area: 2083
Amount: 0.534093
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

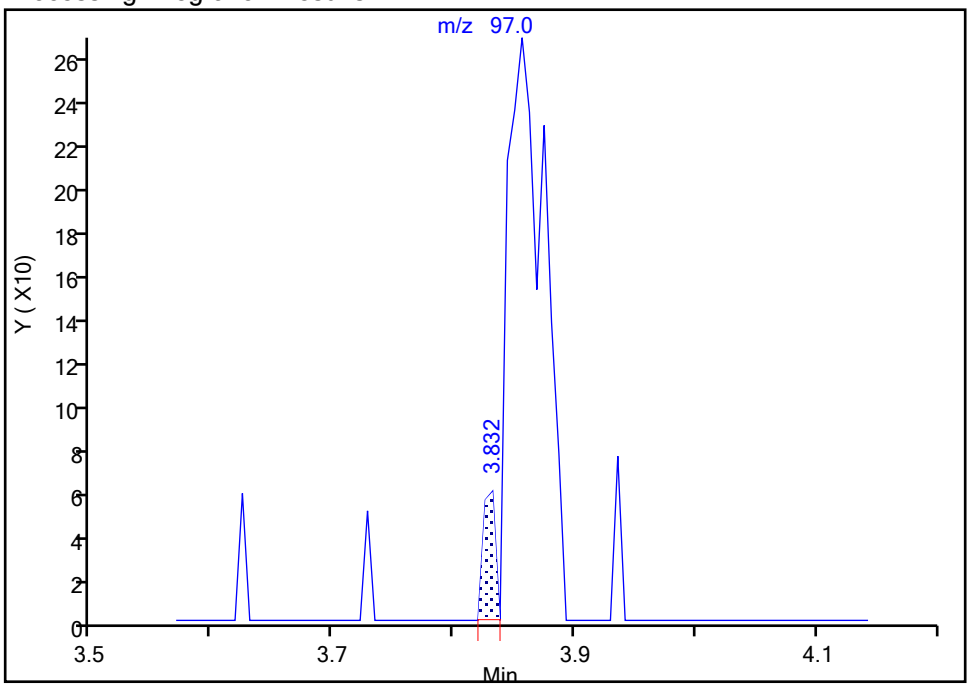
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

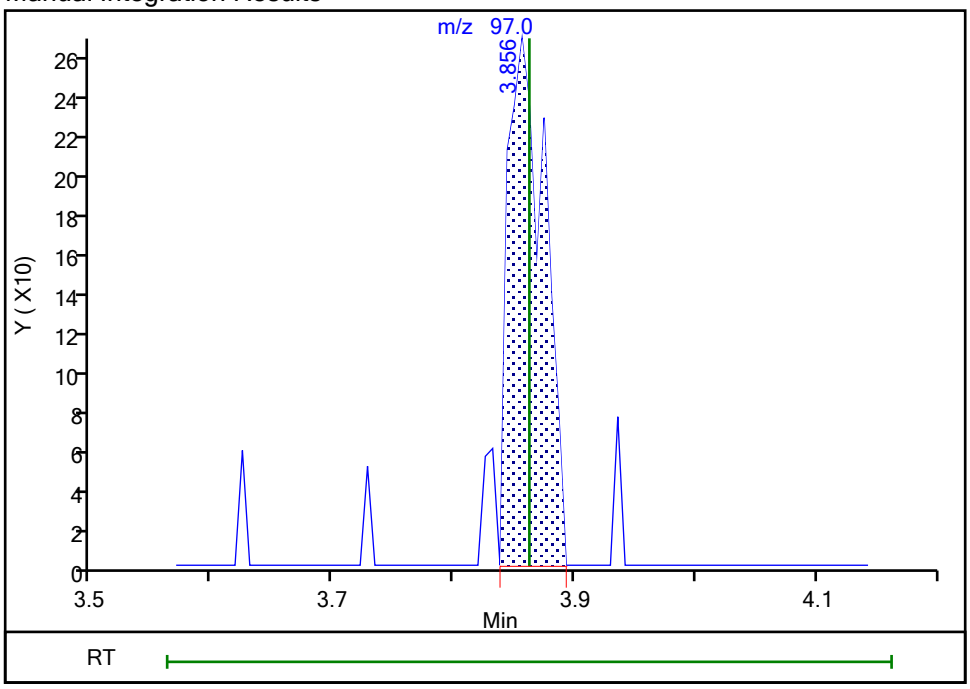
Processing Integration Results

RT: 3.83
Area: 42
Amount: 0.500000
Amount Units: ug/l



Manual Integration Results

RT: 3.86
Area: 560
Amount: 0.504043
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

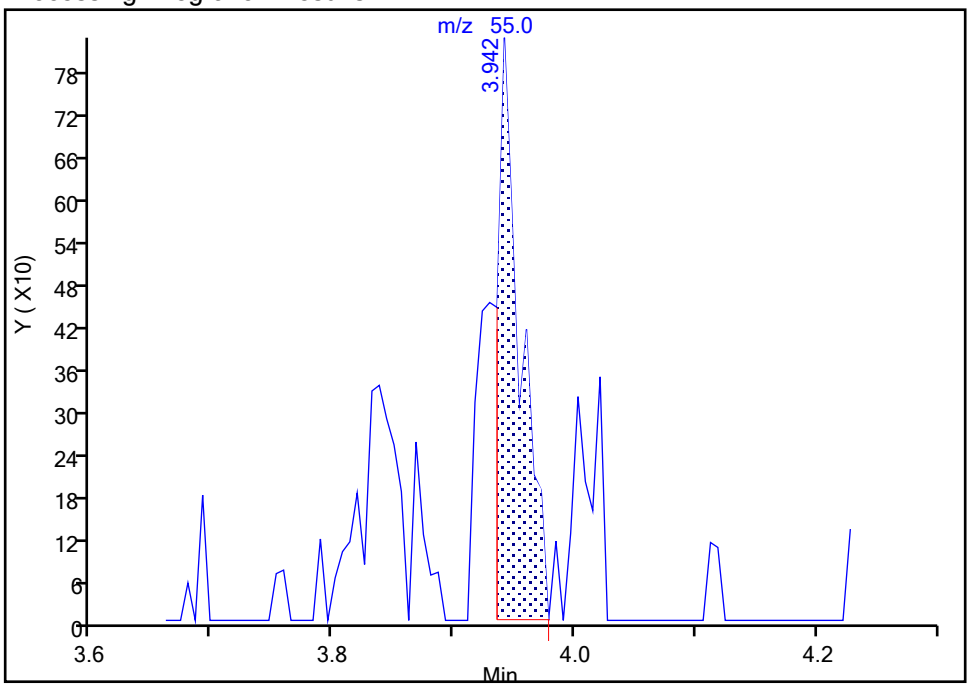
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

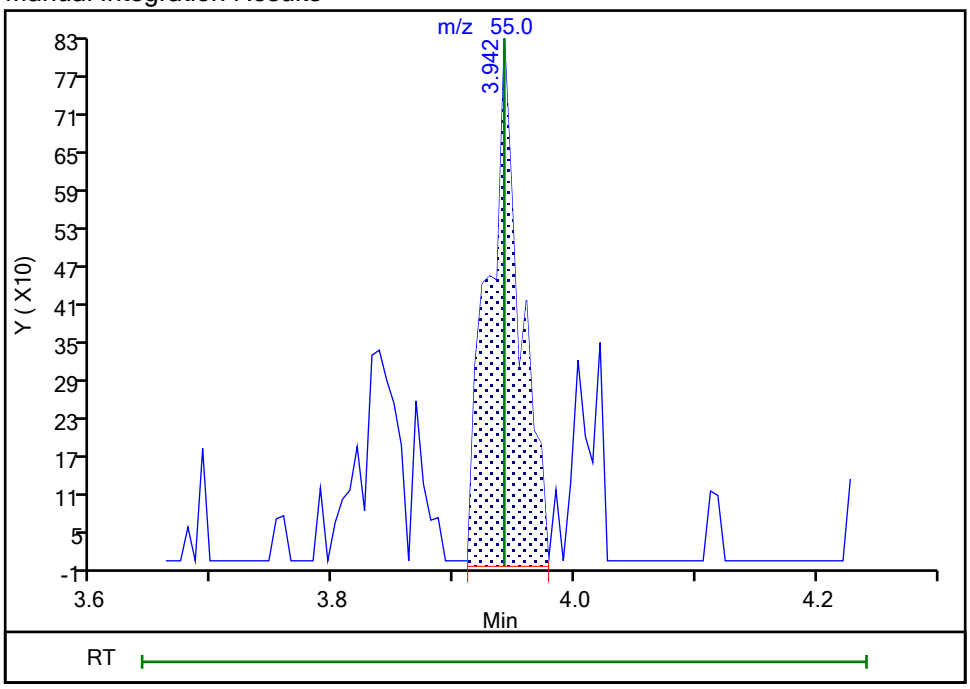
Processing Integration Results

RT: 3.94
Area: 1076
Amount: 0.391390
Amount Units: ug/l



Manual Integration Results

RT: 3.94
Area: 1543
Amount: 0.478318
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:06 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

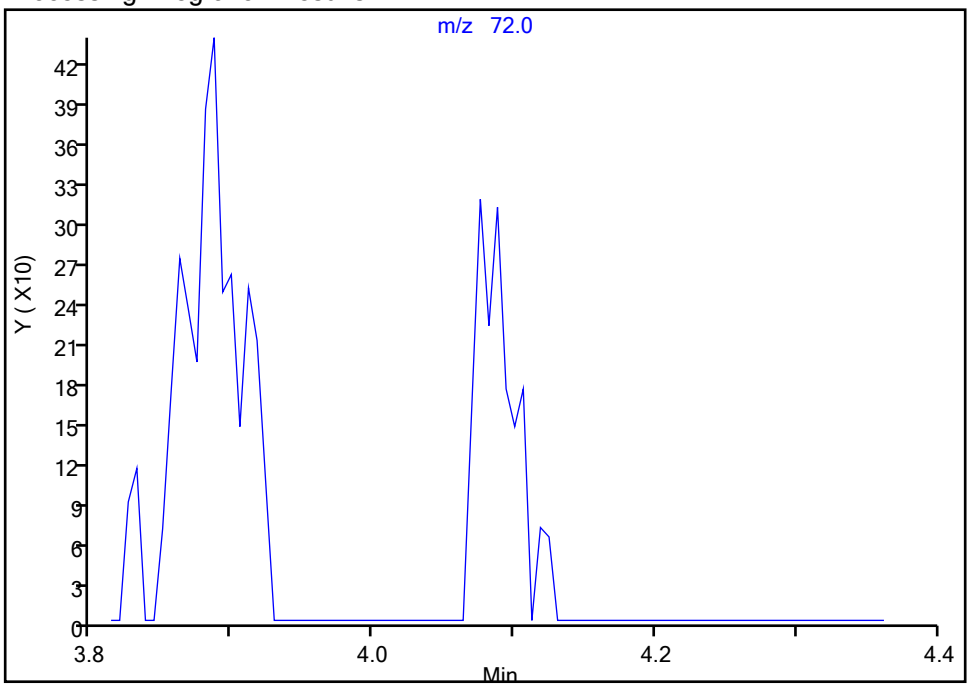
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

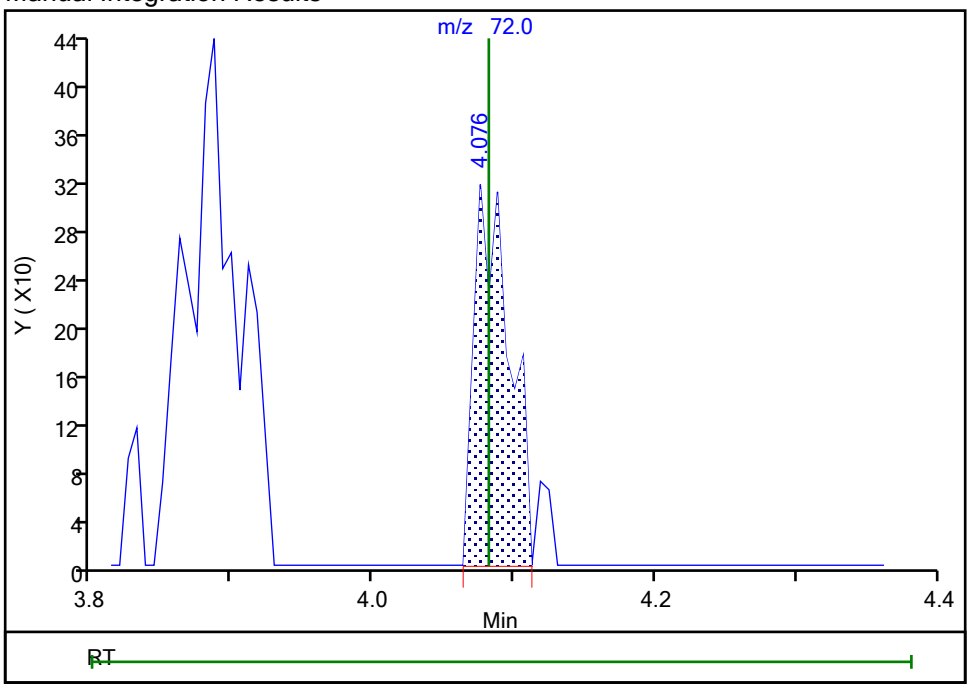
Not Detected
Expected RT: 4.08

Processing Integration Results



Manual Integration Results

RT: 4.08
Area: 543
Amount: 1.089094
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

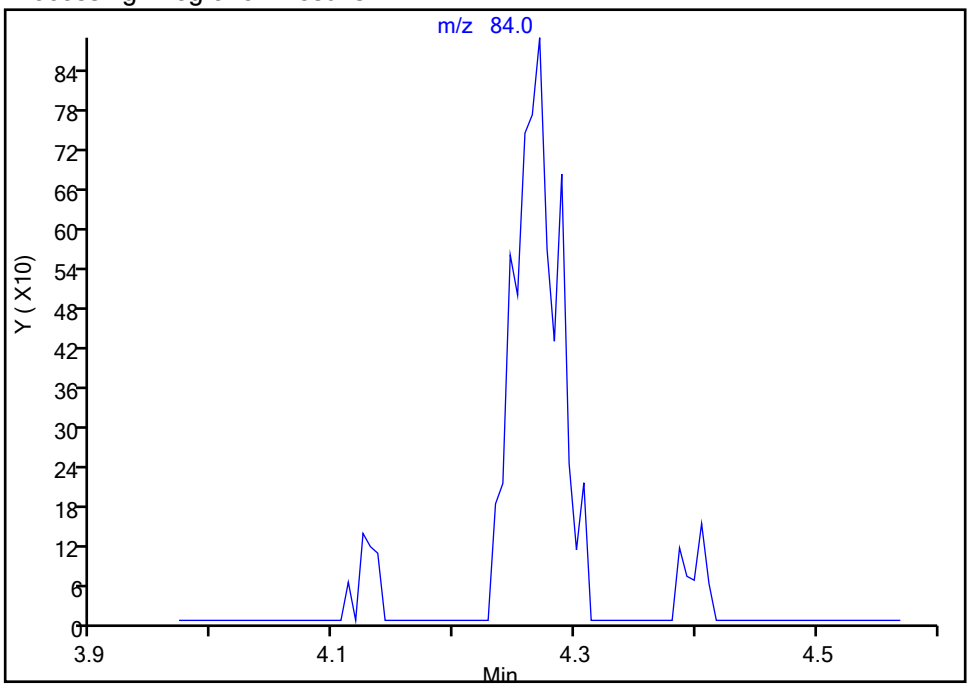
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

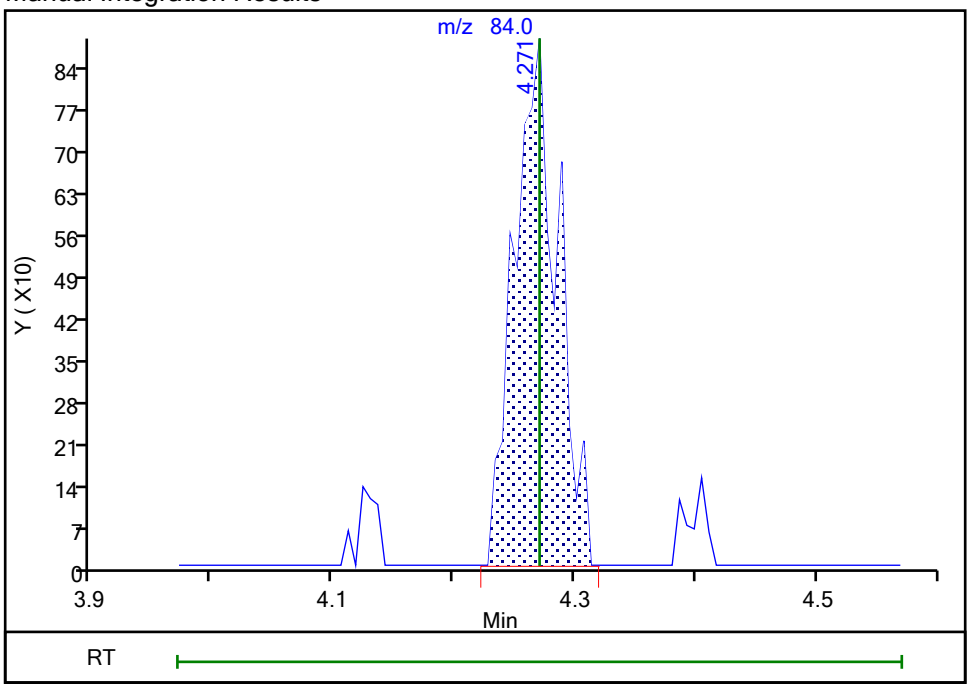
Not Detected
Expected RT: 4.27

Processing Integration Results



Manual Integration Results

RT: 4.27
Area: 2212
Amount: 0.444021
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

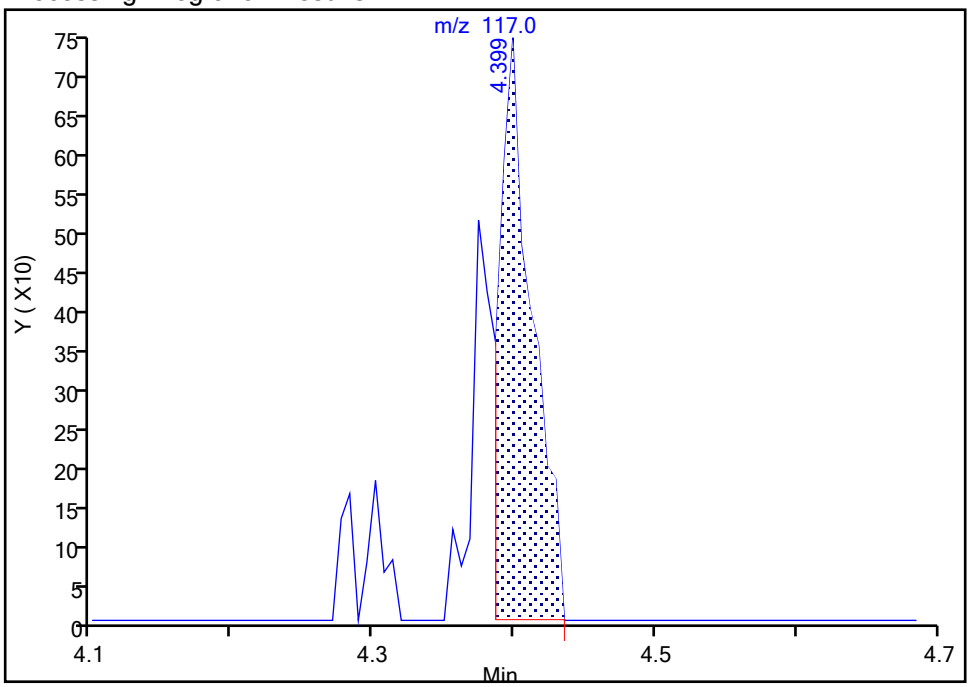
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

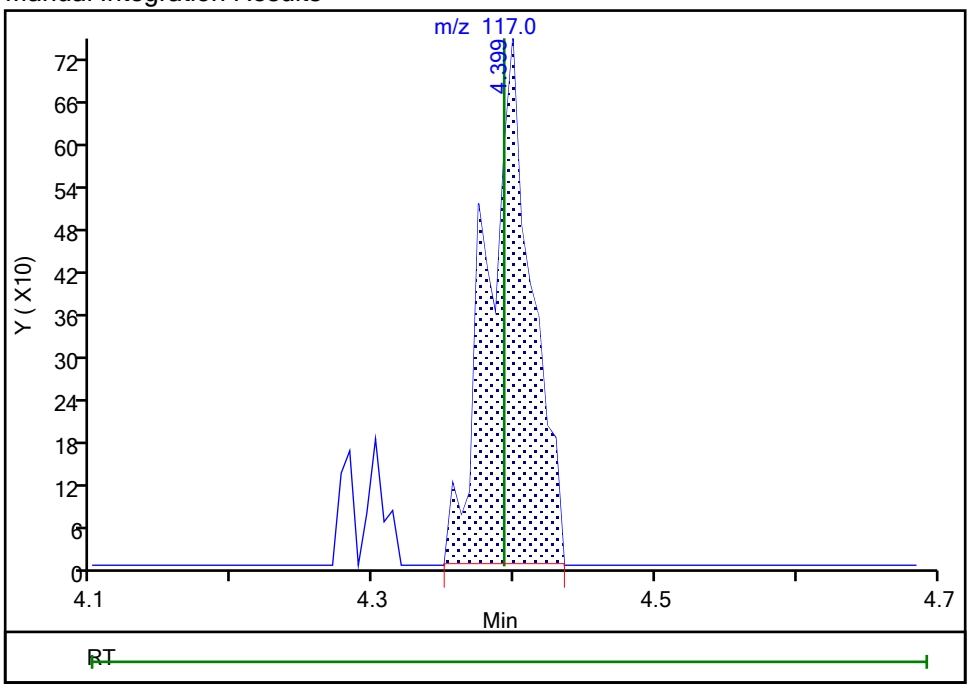
Processing Integration Results

RT: 4.40
Area: 1214
Amount: 0.410149
Amount Units: ug/l



Manual Integration Results

RT: 4.40
Area: 1653
Amount: 0.526950
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

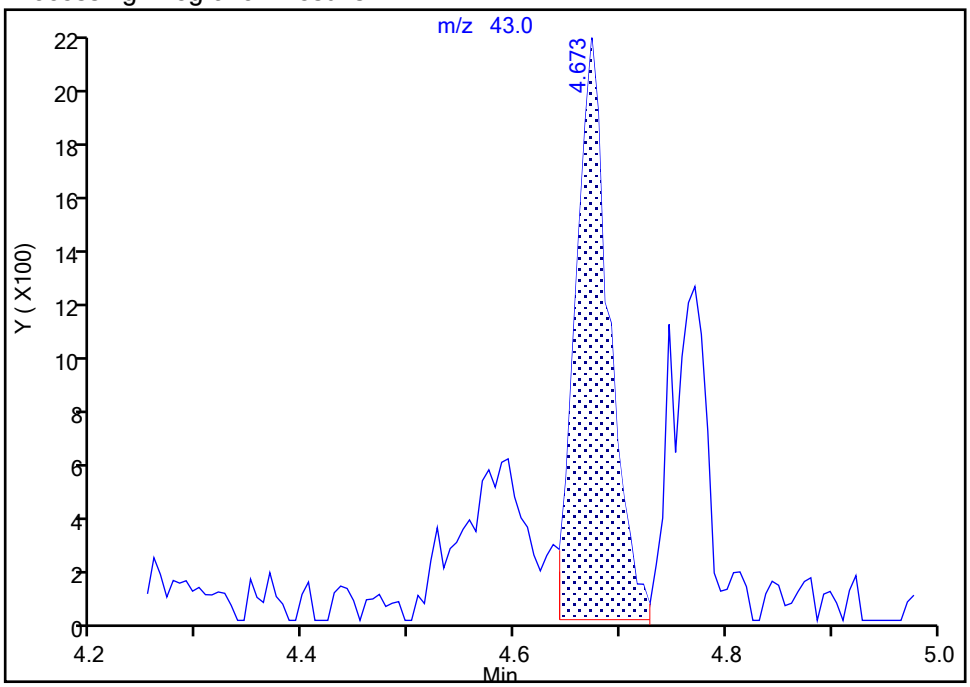
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

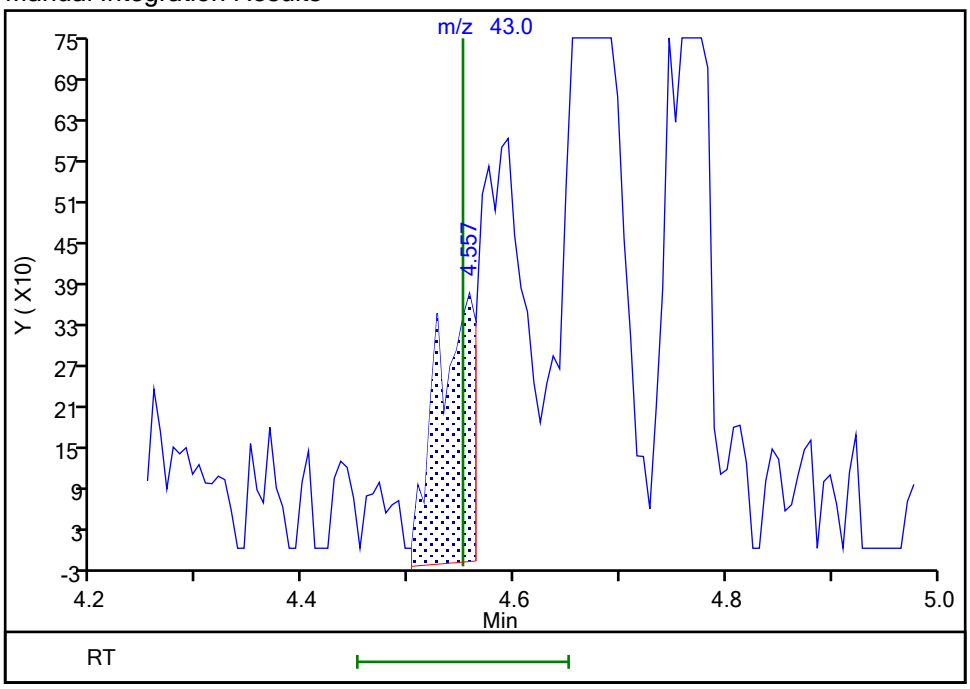
Processing Integration Results

RT: 4.67
Area: 4848
Amount: 30.110501
Amount Units: ug/l



Manual Integration Results

RT: 4.56
Area: 1012
Amount: 11.401889
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:34:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

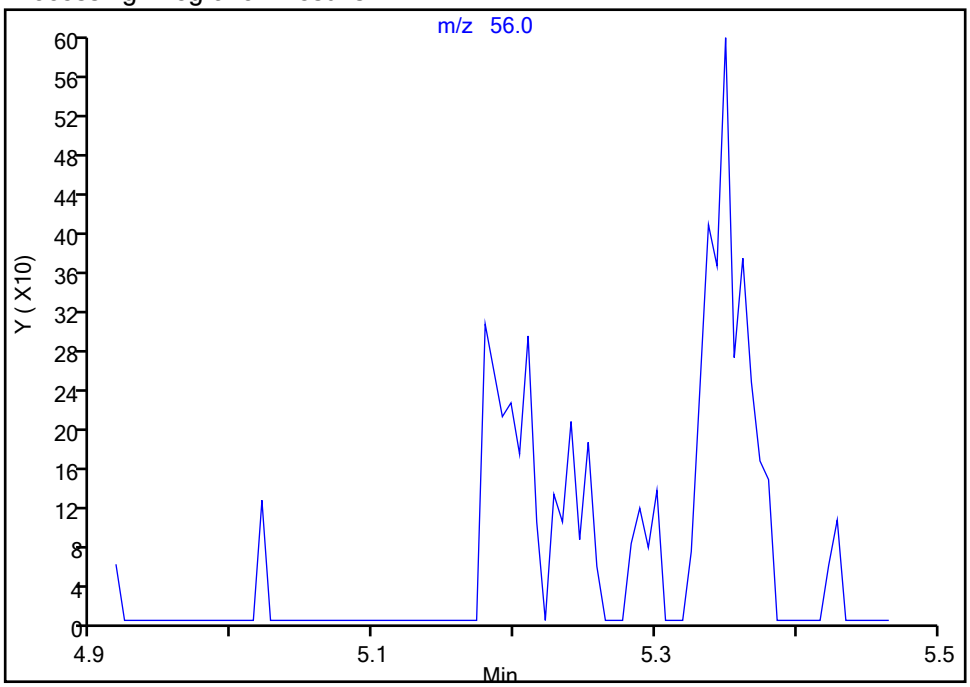
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

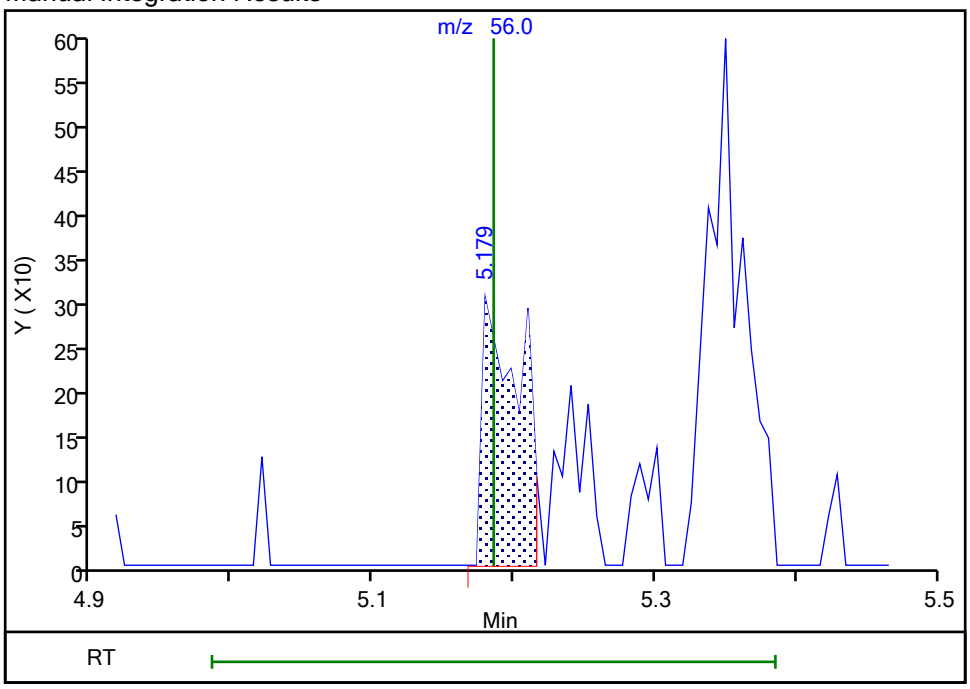
Not Detected
Expected RT: 5.19

Processing Integration Results



Manual Integration Results

RT: 5.18
Area: 564
Amount: 9.496150
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

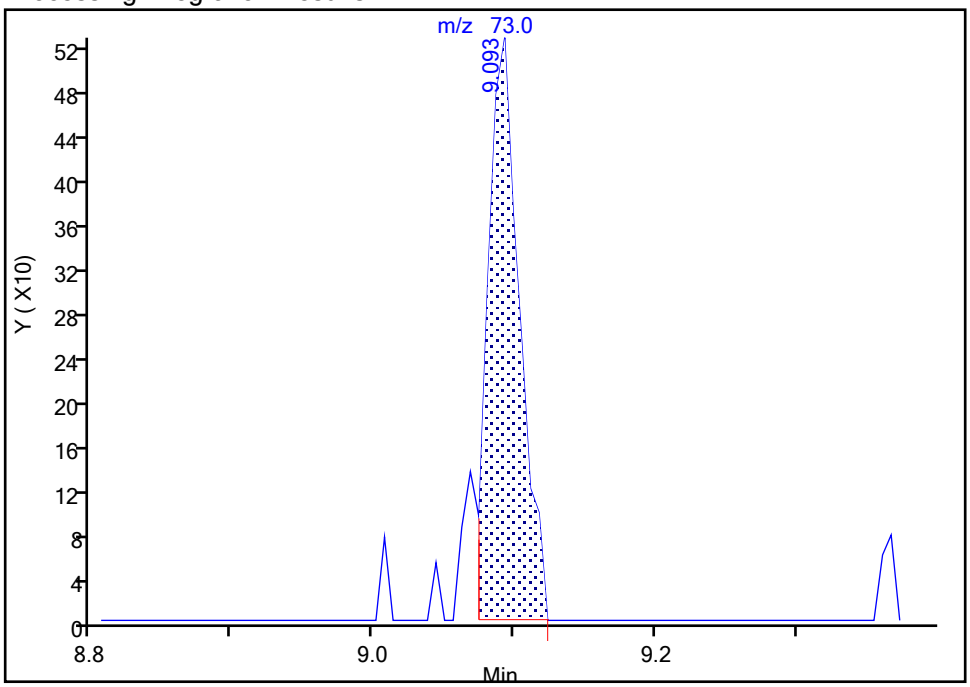
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

100 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

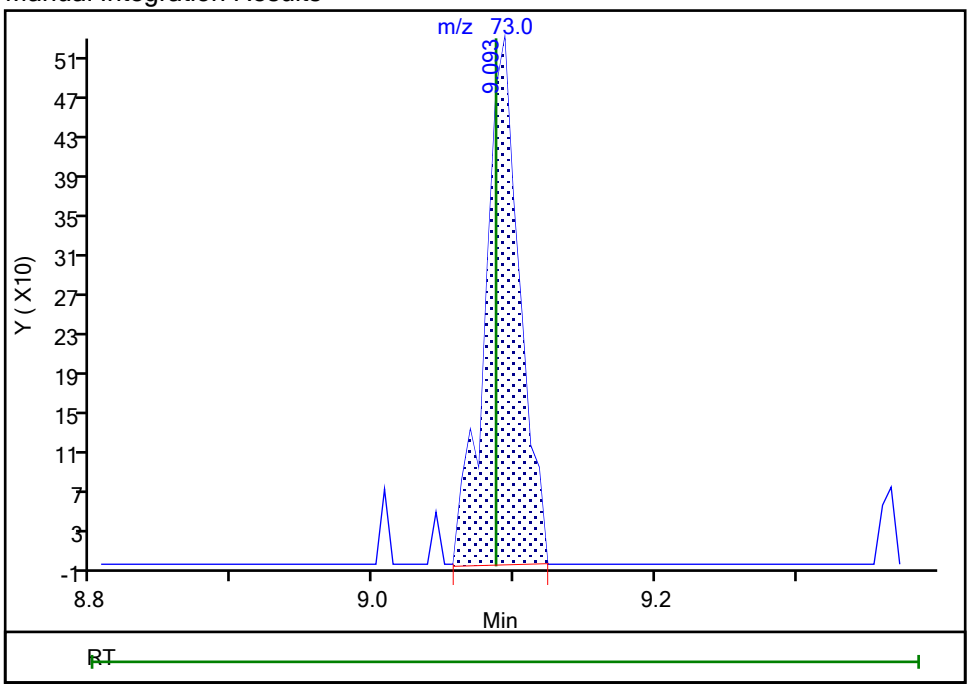
Processing Integration Results

RT: 9.09
Area: 814
Amount: 0.317831
Amount Units: ug/l



Manual Integration Results

RT: 9.09
Area: 893
Amount: 0.421318
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:44:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

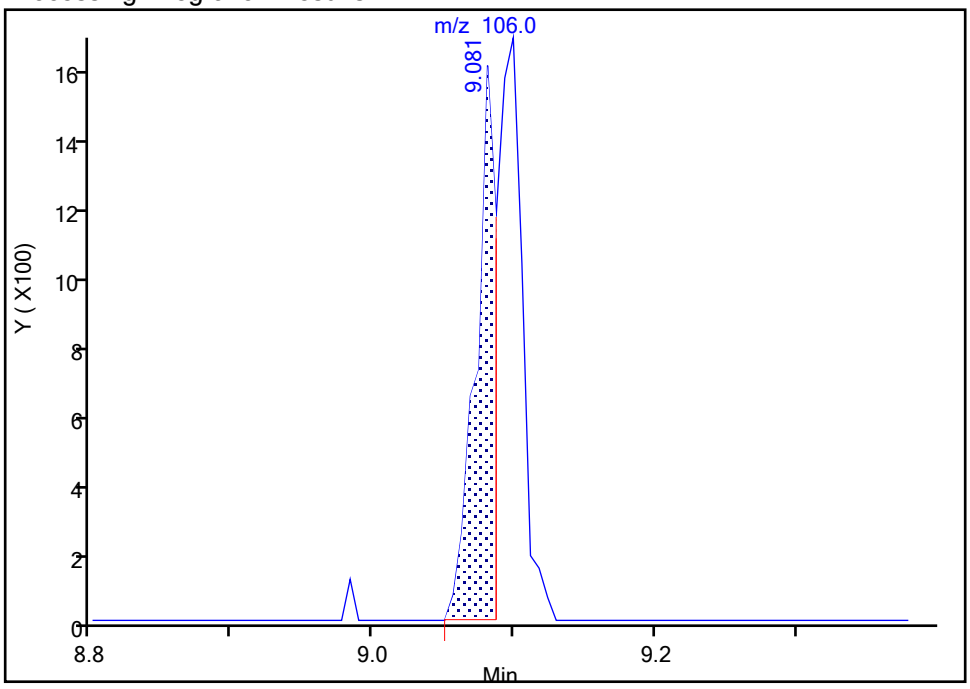
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

99 o-Xylene, CAS: 95-47-6

Signal: 1

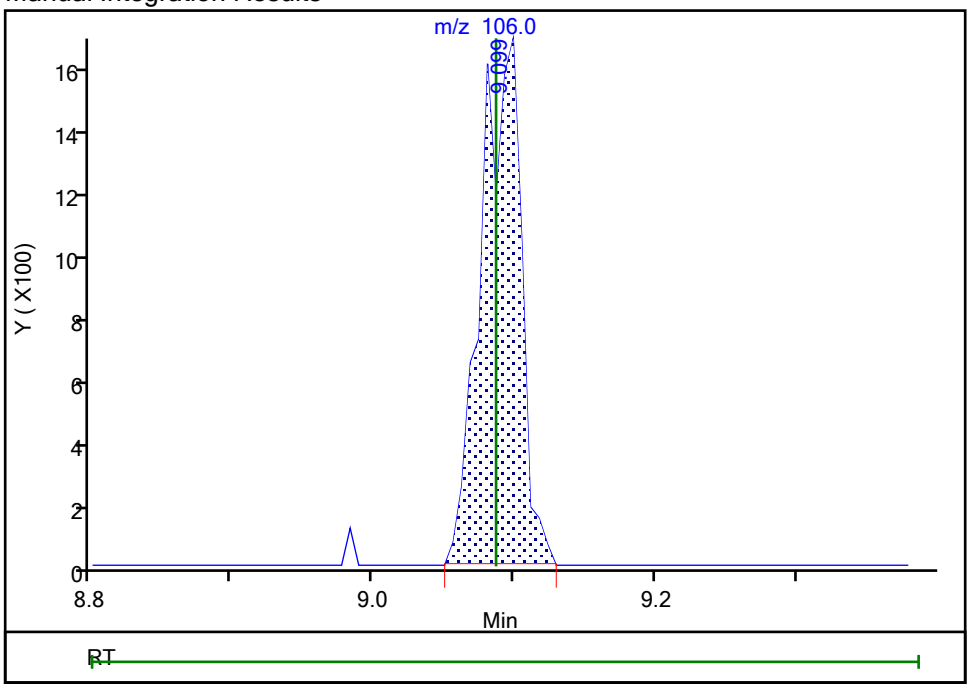
Processing Integration Results

RT: 9.08
Area: 1584
Amount: 0.267411
Amount Units: ug/l



Manual Integration Results

RT: 9.10
Area: 3238
Amount: 0.506956
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:52:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

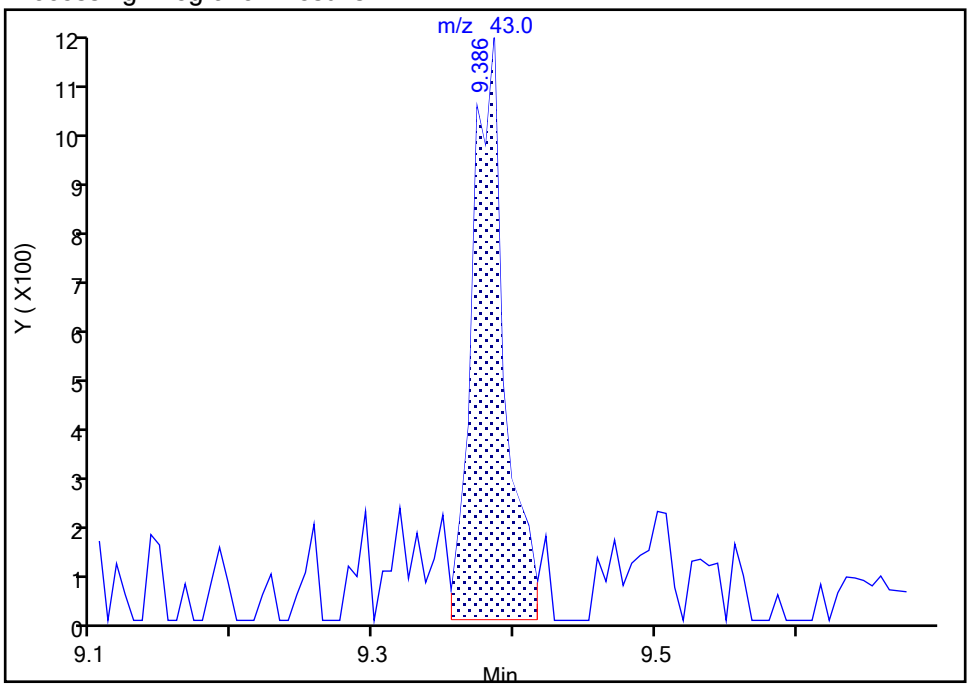
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

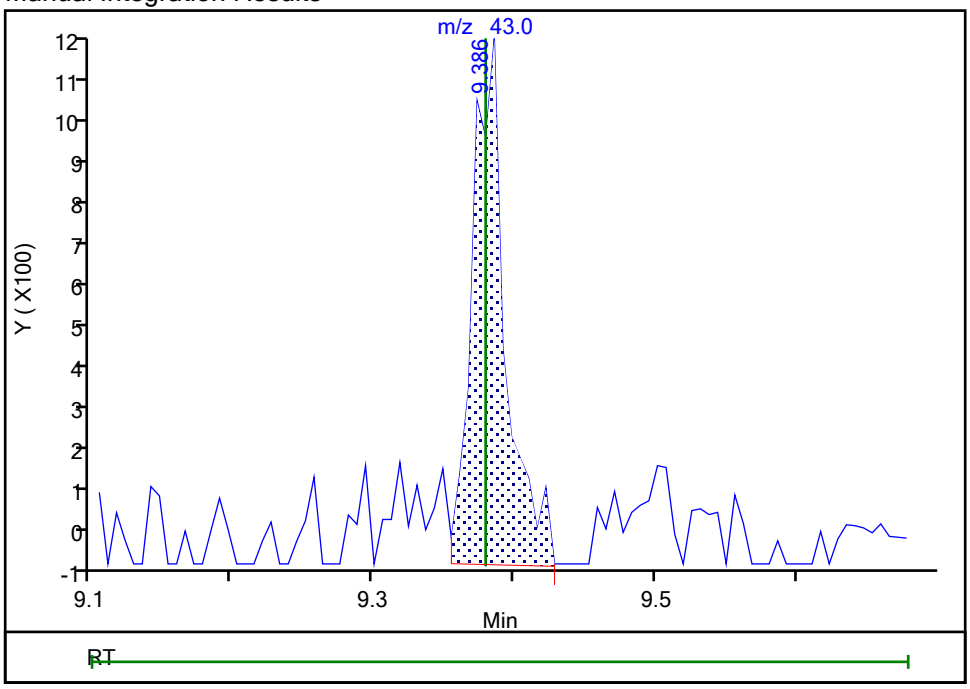
Processing Integration Results

RT: 9.39
Area: 1872
Amount: 0.286040
Amount Units: ug/l



Manual Integration Results

RT: 9.39
Area: 1937
Amount: 0.250808
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:44:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

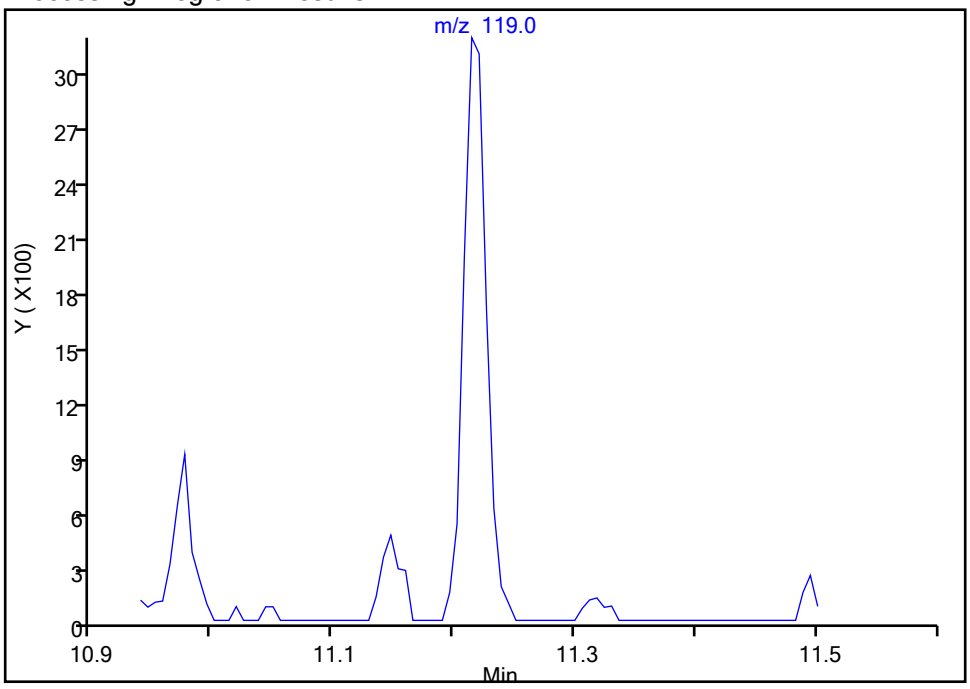
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

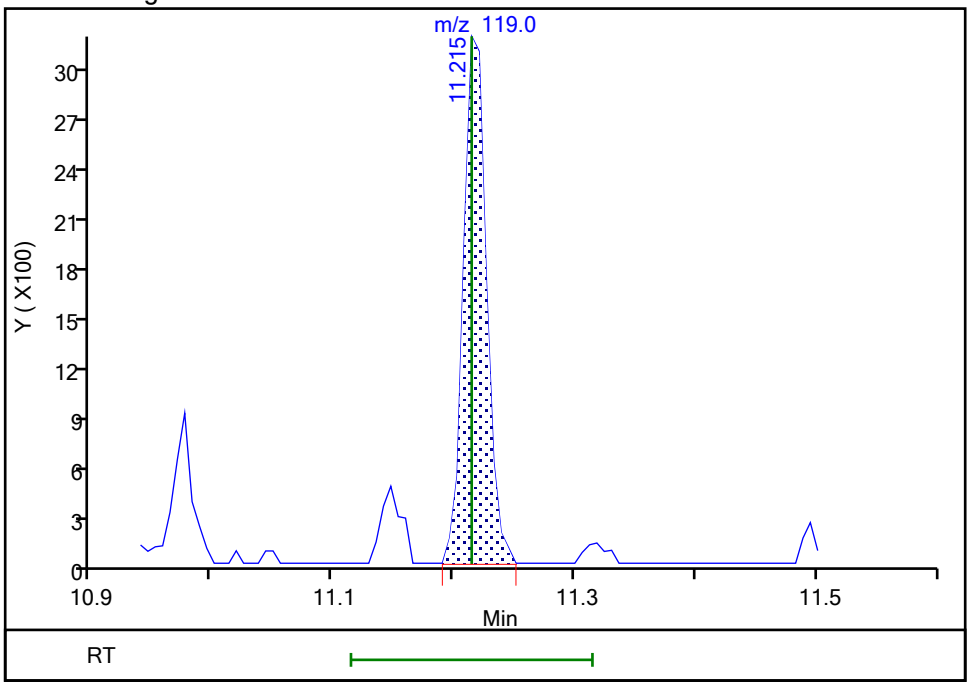
Not Detected
Expected RT: 11.21

Processing Integration Results



Manual Integration Results

RT: 11.21
Area: 4207
Amount: 0.455304
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:50:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 30-Aug-2024 08:46:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0180260-005
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:11:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:24:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.296	1.314	-0.018	1	869	1.00	1.26	Ma
2 1,1-Difluoroethane	65	1.320	1.320	0.000	71	2330	1.00	1.25	
4 Dichlorodifluoromethane	85	1.326	1.338	-0.012	29	4394	1.00	0.99	M
5 Chlorodifluoromethane	67	1.350	1.351	-0.001	61	1301	1.00	2.45	
6 Chloromethane	50	1.491	1.491	0.000	98	5369	1.00	1.01	
7 Vinyl chloride	62	1.558	1.558	0.000	45	5188	1.00	1.11	
8 Butadiene	54	1.576	1.570	0.006	70	3511	1.00	0.8023	
9 Bromomethane	94	1.808	1.820	-0.012	94	3393	1.00	1.03	M
10 Chloroethane	64	1.875	1.881	-0.006	96	3391	1.00	1.10	
11 Dichlorofluoromethane	67	2.052	2.039	0.013	98	8846	1.00	1.13	M
12 Trichlorofluoromethane	101	2.052	2.052	0.000	53	4636	1.00	0.9837	
13 Pentane	72	2.070	2.070	0.000	97	1088	2.00	1.96	
14 Ethanol	46	2.222	2.234	-0.012	71	145	40.0	-132.6	
15 Ethyl ether	74	2.228	2.234	-0.006	92	4176	1.00	1.00	
16 2-Methyl-1,3-butadiene	53	2.247	2.259	-0.012	84	3384	1.00	1.11	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	49	2794	1.00	0.9407	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	84	5905	1.00	1.13	
19 Acrolein	56	2.393	2.387	0.006	26	2032	4.00	3.21	M
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.423	2.411	0.012	48	3210	1.00	1.12	M
21 1,1-Dichloroethene	96	2.436	2.436	0.000	94	3972	1.00	1.14	
22 Acetone	43	2.503	2.497	0.006	80	5810	5.00	5.07	
23 Iodomethane	142	2.576	2.570	0.006	94	7177	1.00	1.20	M
25 Isopropyl alcohol	45	2.600	2.588	0.012	29	1737	10.0	10.6	Ma
24 Carbon disulfide	76	2.600	2.600	0.000	100	15045	1.00	1.21	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	89	2667	1.00	1.13	
27 Methyl acetate	43	2.728	2.722	0.006	93	6056	2.00	2.07	
28 Cyclopentene	67	2.740	2.734	0.006	92	8150	1.00	1.11	
29 Acetonitrile	41	2.771	2.771	0.000	20	4940	10.0	9.97	Ma
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	40334	1000.0	1000.0	
30 Methylene Chloride	84	2.838	2.838	0.000	35	4512	1.00	1.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.899	2.887	0.012	28	3179	10.0	12.1	M
33 Methyl tert-butyl ether	73	2.990	2.984	0.006	98	11405	1.00	1.06	a
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	94	4594	1.00	1.23	
35 Acrylonitrile	53	3.076	3.070	0.006	94	15505	10.0	10.7	
36 Hexane	57	3.155	3.155	0.000	92	4712	1.00	1.20	
37 Isopropyl ether	45	3.362	3.356	0.006	90	14858	1.00	1.15	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	98	7790	1.00	1.12	
39 Vinyl acetate	86	3.393	3.393	0.000	99	888	2.00	1.62	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	3649	1.00	1.16	
41 Tert-butyl ethyl ether	59	3.649	3.649	0.000	89	12345	1.00	1.07	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	398180	250.0	250.0	
43 2,2-Dichloropropane	97	3.850	3.862	-0.012	51	1071	1.00	1.00	a
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	98	4745	1.00	1.12	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	95	2506	5.00	5.99	
46 Ethyl acetate	70	3.911	3.887	0.024	91	939	2.00	2.56	a
47 Methyl acrylate	55	3.941	3.941	0.000	71	2978	1.00	0.9620	
48 Propionitrile	54	4.009	4.009	-0.001	98	5490	10.0	11.9	
50 Tetrahydrofuran	72	4.088	4.082	0.006	59	1289	2.00	2.57	
49 Chlorobromomethane	128	4.094	4.088	0.006	92	2359	1.00	1.14	
51 Methacrylonitrile	67	4.106	4.112	-0.006	93	16180	10.0	11.1	
52 Chloroform	83	4.143	4.143	0.000	97	6906	1.00	1.12	
53 Cyclohexane	84	4.271	4.271	0.000	31	5690	1.00	1.19	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	35	5153	1.00	1.13	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	181380	50.0	50.9	
56 Carbon tetrachloride	117	4.393	4.393	0.000	87	3168	1.00	1.05	M
57 1,1-Dichloropropene	75	4.423	4.423	0.000	91	5590	1.00	1.19	
58 Isobutyl alcohol	43	4.551	4.551	0.000	61	1897	25.0	21.6	a
59 Isooctane	57	4.582	4.582	0.000	93	12442	1.00	1.13	
60 Benzene	78	4.606	4.612	-0.006	94	16573	1.00	1.09	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	209991	50.0	49.8	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	84	12811	1.00	1.10	
63 Isopropyl acetate	61	4.685	4.673	0.012	83	2077	1.00	1.08	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	93	5332	1.00	1.11	
65 n-Heptane	100	4.764	4.771	-0.007	95	912	1.00	1.40	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	736870	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	55	1331	25.0	22.7	a
68 Trichloroethene	95	5.234	5.228	0.006	94	3835	1.00	1.10	
69 Methylcyclohexane	83	5.356	5.356	0.000	84	6312	1.00	1.16	
70 Ethyl acrylate	99	5.362	5.356	0.006	93	572	1.00	0.9874	M
71 1,2-Dichloropropane	63	5.508	5.508	0.000	83	4091	1.00	1.05	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	31704	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	87	1554	2.00	1.89	
75 1,4-Dioxane	88	5.624	5.618	0.006	29	1575	50.0	45.7	a
74 Dibromomethane	93	5.630	5.630	0.000	90	2380	1.00	1.06	
76 n-Propyl acetate	43	5.648	5.648	0.000	90	5533	1.00	1.09	
77 Dichlorobromomethane	83	5.783	5.783	0.000	97	4020	1.00	0.99	
78 2-Nitropropane	41	6.112	6.112	0.000	68	1552	2.00	3.33	M
79 2-Chloroethyl vinyl ether	63	6.118	6.124	-0.006	78	2389	1.00	0.9851	
80 Epichlorohydrin	57	6.228	6.222	0.006	99	7074	20.0	20.9	
81 cis-1,3-Dichloropropene	75	6.270	6.276	-0.006	93	5680	1.00	1.02	M
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	98	7382	5.00	5.29	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	704212	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	94	19692	1.00	1.20	
85 trans-1,3-Dichloropropene	75	6.941	6.935	0.006	96	4654	1.00	1.00	
86 Ethyl methacrylate	69	6.971	6.977	-0.006	89	3243	1.00	0.6650	
87 1,1,2-Trichloroethane	83	7.154	7.142	0.012	91	3041	1.00	1.13	
88 Tetrachloroethene	166	7.185	7.185	0.000	90	3865	1.00	1.13	
89 1,3-Dichloropropane	76	7.343	7.349	-0.006	92	6115	1.00	1.13	
90 2-Hexanone	43	7.422	7.423	0.000	97	12214	5.00	5.49	
91 n-Butyl acetate	43	7.544	7.544	0.000	96	4509	1.00	0.9155	
92 Chlorodibromomethane	129	7.581	7.575	0.006	92	2181	1.00	0.8514	
93 Ethylene Dibromide	107	7.721	7.721	0.000	98	2975	1.00	0.9856	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	522214	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	96	11076	1.00	1.16	
96 Ethylbenzene	106	8.410	8.410	0.000	98	5799	1.00	1.13	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	87	2815	1.00	1.01	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	7106	1.00	1.15	
99 o-Xylene	106	9.087	9.087	0.000	94	6687	1.00	1.06	
100 n-Butyl acrylate	73	9.087	9.087	0.000	52	1919	1.00	0.9187	
101 Styrene	104	9.129	9.123	0.006	97	9961	1.00	1.00	
102 Bromoform	173	9.361	9.367	-0.006	59	1080	1.00	0.9298	
103 Amyl acetate (mixed isomers)	43	9.386	9.379	0.007	90	4819	1.00	0.6275	
104 Isopropylbenzene	105	9.538	9.532	0.006	95	15739	1.00	1.10	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	92	221049	50.0	50.3	
106 Bromobenzene	156	9.904	9.898	0.006	96	4078	1.00	0.9730	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.971	-0.006	93	4012	1.00	0.99	
108 N-Propylbenzene	91	9.995	9.995	0.000	98	21227	1.00	1.12	
109 1,2,3-Trichloropropane	110	10.013	10.013	0.000	96	1129	1.00	0.9777	
110 trans-1,4-Dichloro-2-butene	53	10.038	10.044	-0.006	26	849	1.00	0.9074	
111 2-Chlorotoluene	91	10.105	10.105	0.000	96	14409	1.00	1.08	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	16837	1.00	1.06	
113 1,3,5-Trimethylbenzene	105	10.202	10.196	0.006	92	14153	1.00	1.07	
114 4-Chlorotoluene	91	10.233	10.227	0.006	96	13067	1.00	1.02	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	93	2244	1.00	0.4403	
116 tert-Butylbenzene	119	10.507	10.507	0.000	94	11311	1.00	1.02	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	14259	1.00	1.04	
118 sec-Butylbenzene	105	10.721	10.727	-0.006	98	18295	1.00	1.09	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	98	8524	1.00	1.04	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	15319	1.00	1.07	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	294482	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	86	8465	1.00	1.04	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	98	15778	1.00	1.06	
124 Benzyl chloride	91	11.086	11.086	0.000	96	4897	1.00	0.8487	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	15163	1.00	1.07	
126 p-Diethylbenzene	119	11.221	11.214	0.007	90	9256	1.00	1.01	a
127 n-Butylbenzene	92	11.245	11.239	0.006	96	8177	1.00	1.04	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	97	8807	1.00	1.09	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	14702	1.00	1.02	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	14	476	1.00	0.8385	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	92	6785	1.00	0.9884	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	92	7291	1.00	1.19	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	94	3796	1.00	1.20	
134 Naphthalene	128	12.775	12.775	0.000	99	15492	1.00	1.08	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	6761	1.00	1.07	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.35	
S 137 Xylenes, Total	100				0		2.00	2.21	
S 139 1,3-Dichloropropene, Total	1				0		2.00	2.02	
S 140 Total BTEX	1				0		5.00	5.63	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	10.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	10.00	Units: uL	
14DIOXINTER_00172	Amount Added:	30.00	Units: uL	
GASES Li_00600	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:11:21 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D

Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17

Lims ID: STD1

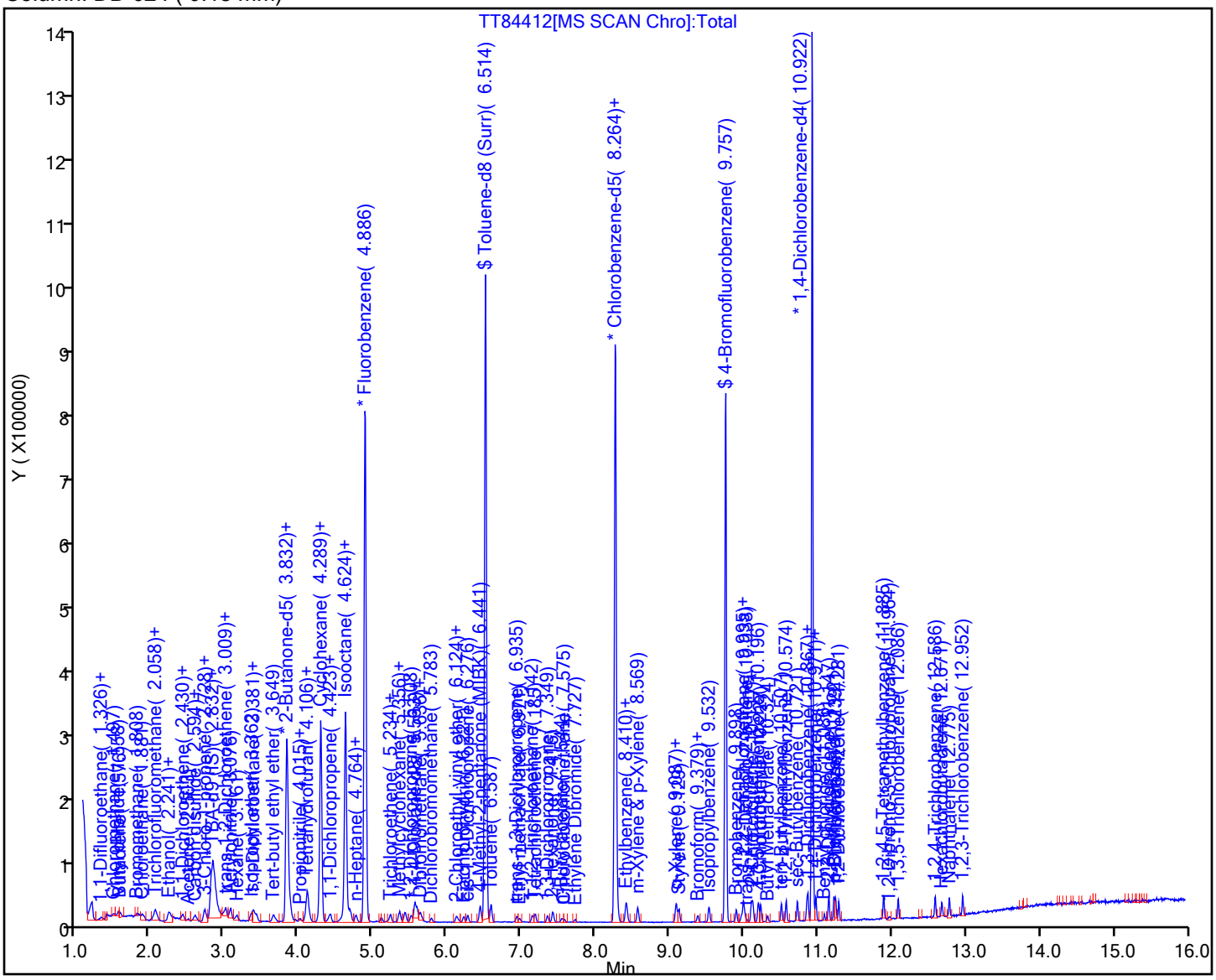
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

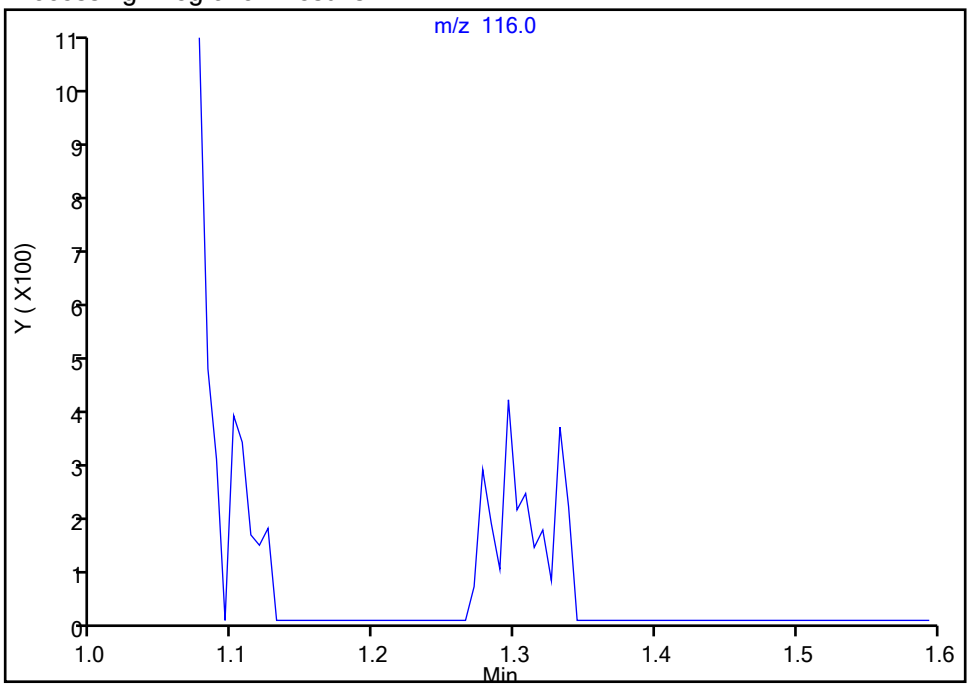
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

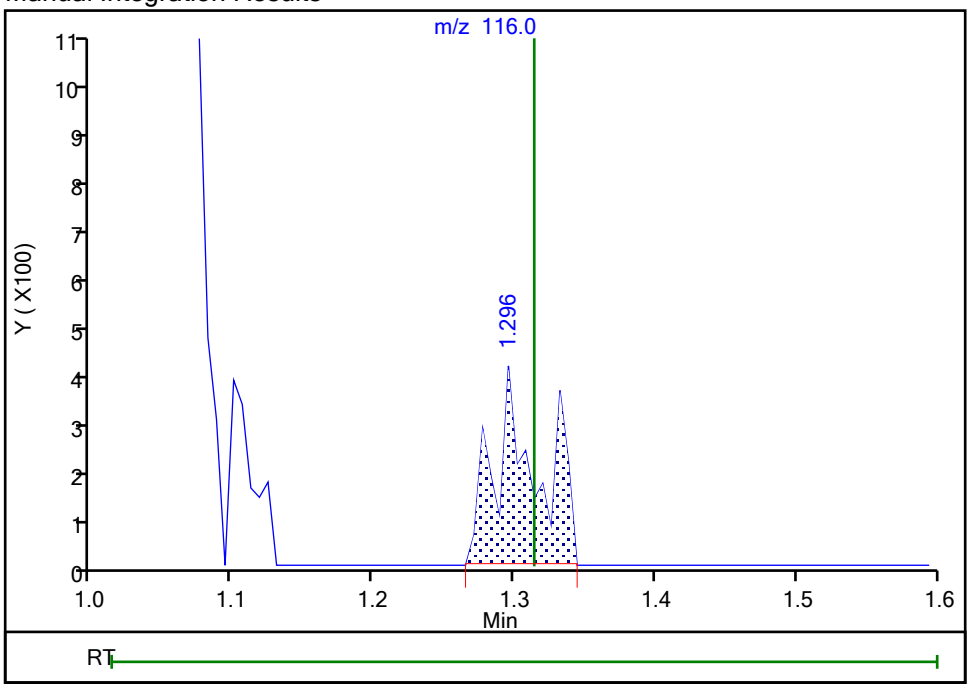
Not Detected
Expected RT: 1.31

Processing Integration Results



Manual Integration Results

RT: 1.30
Area: 869
Amount: 1.258878
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:05:29 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

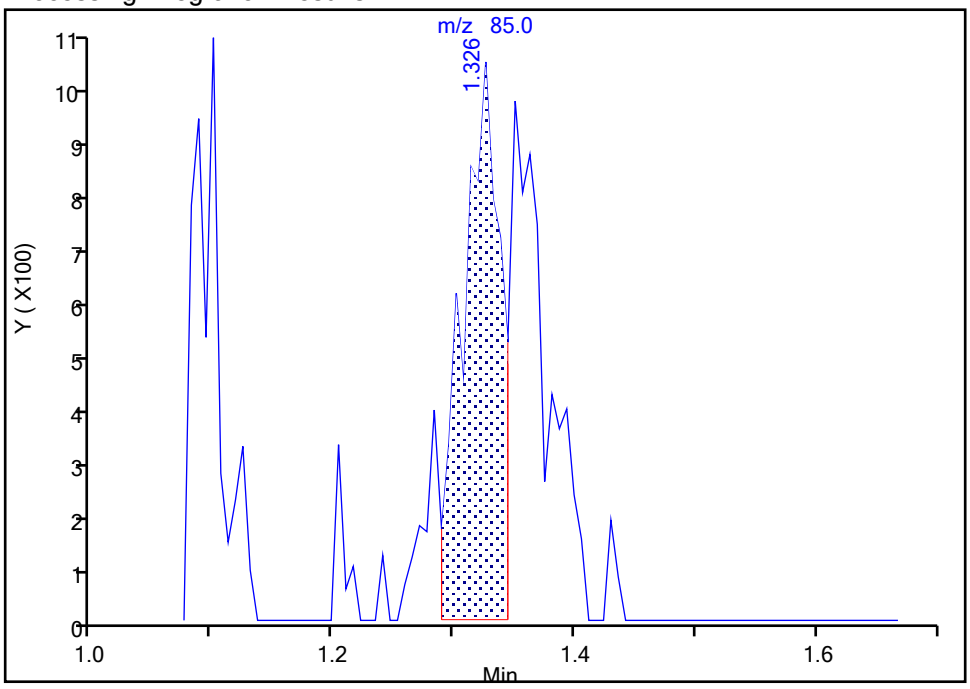
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

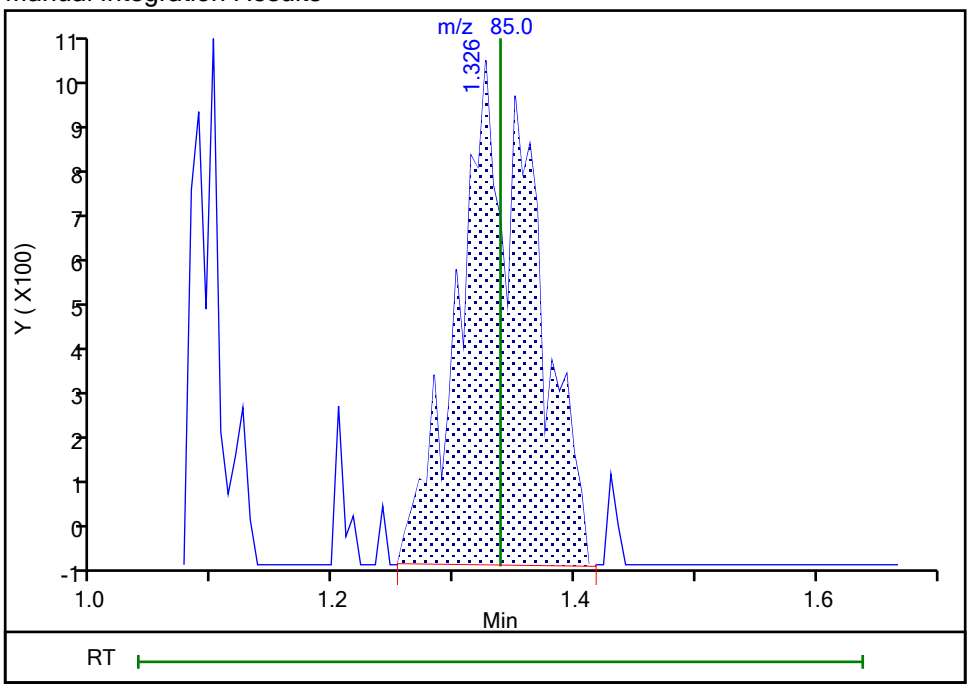
Processing Integration Results

RT: 1.33
Area: 2233
Amount: 1.060264
Amount Units: ug/l



Manual Integration Results

RT: 1.33
Area: 4394
Amount: 0.991763
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:41:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

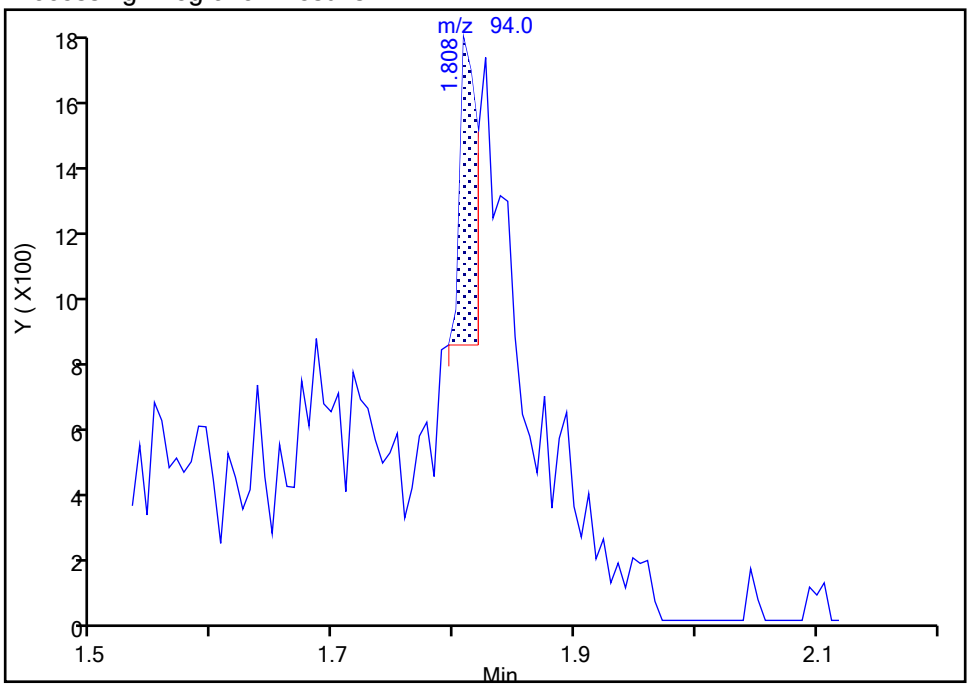
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

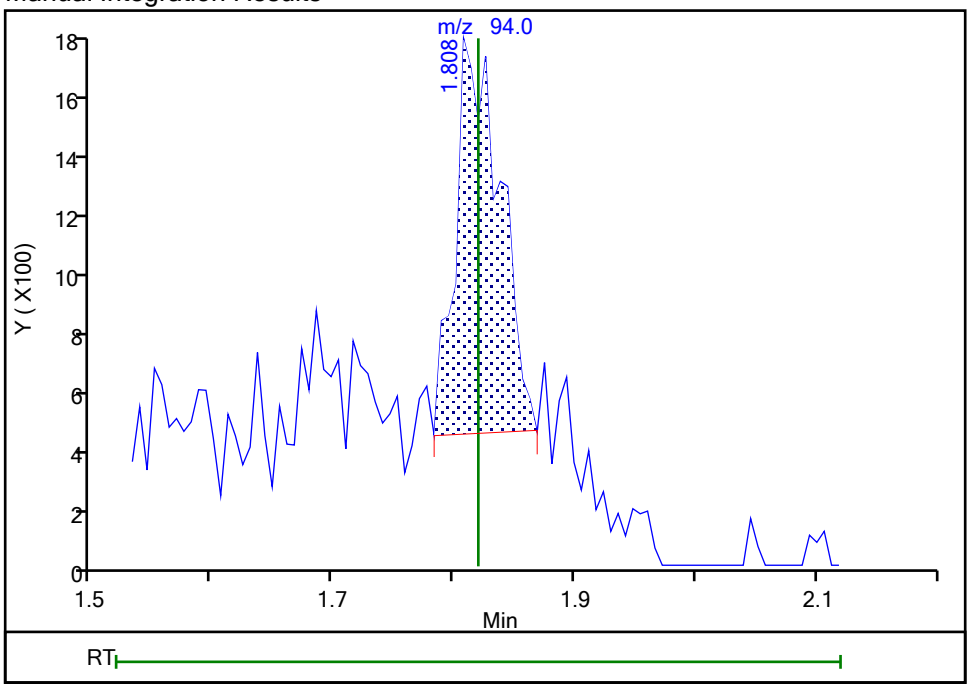
Processing Integration Results

RT: 1.81
Area: 921
Amount: 0.854896
Amount Units: ug/l



Manual Integration Results

RT: 1.81
Area: 3393
Amount: 1.031925
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

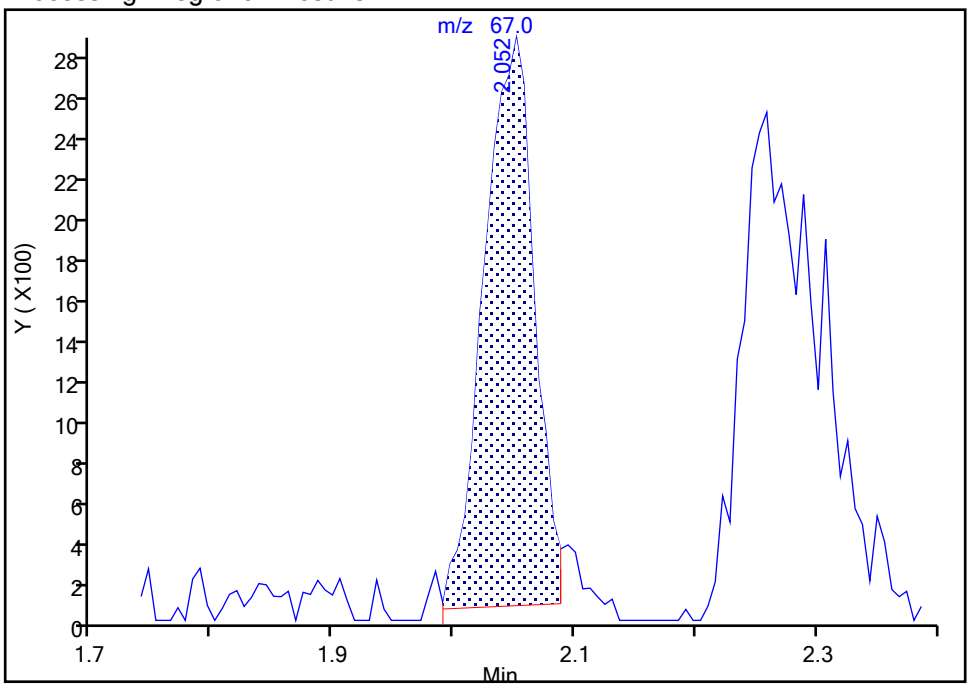
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

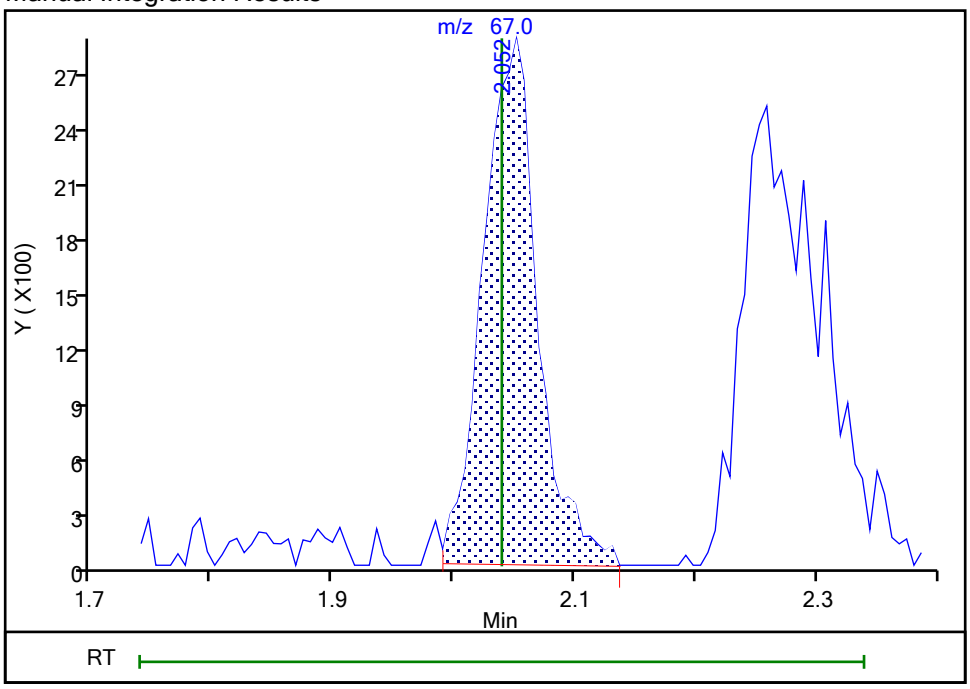
Processing Integration Results

RT: 2.05
Area: 7960
Amount: 0.980963
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 8846
Amount: 1.128337
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:26 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

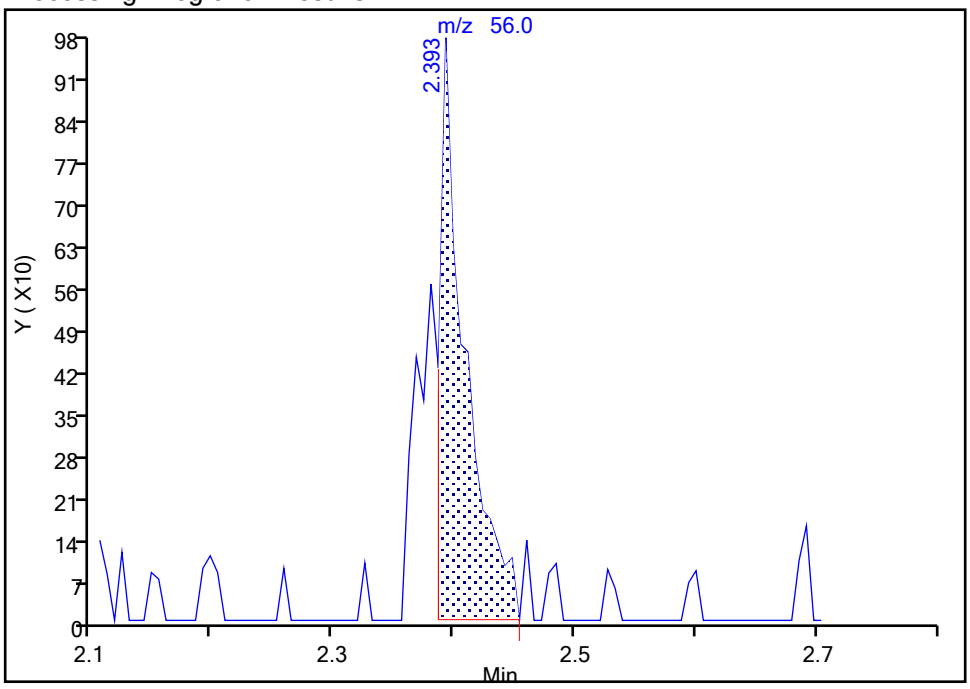
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Signal: 1

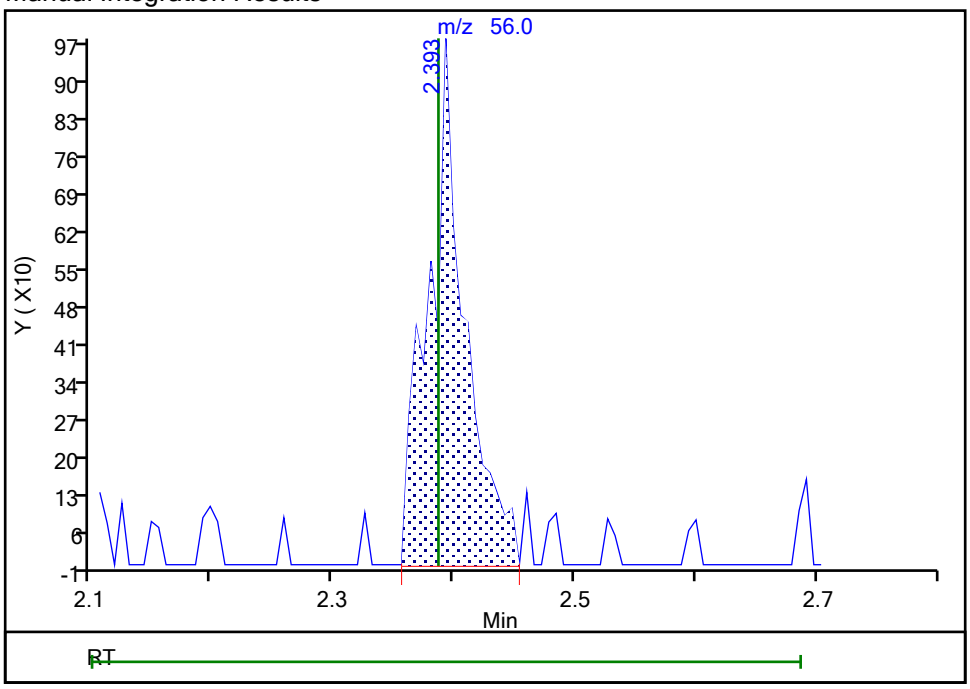
Processing Integration Results

RT: 2.39
Area: 1423
Amount: 3.823045
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 2032
Amount: 3.208463
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

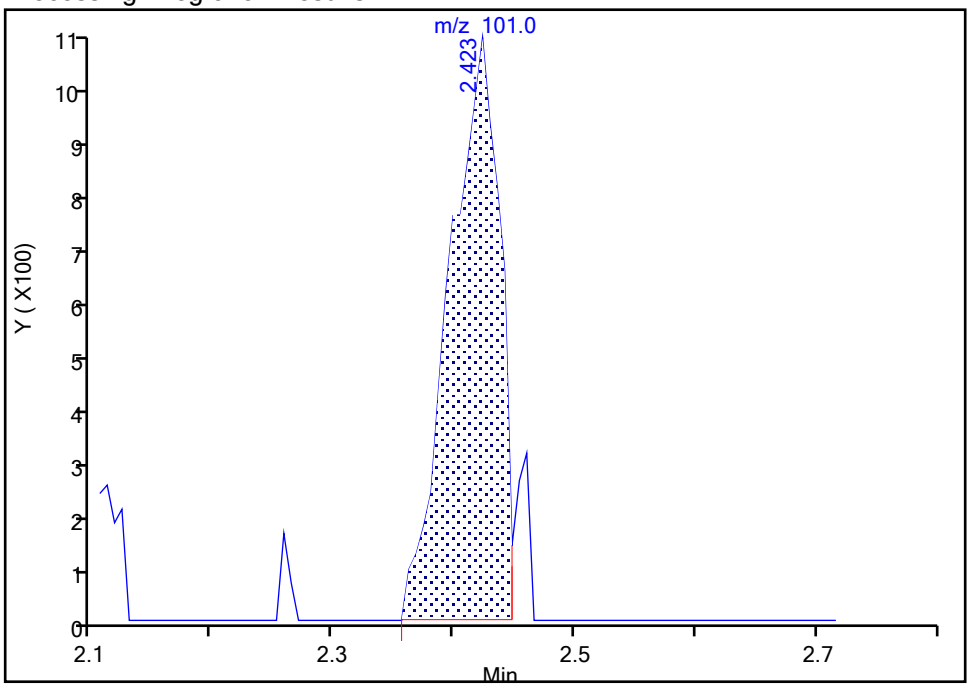
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

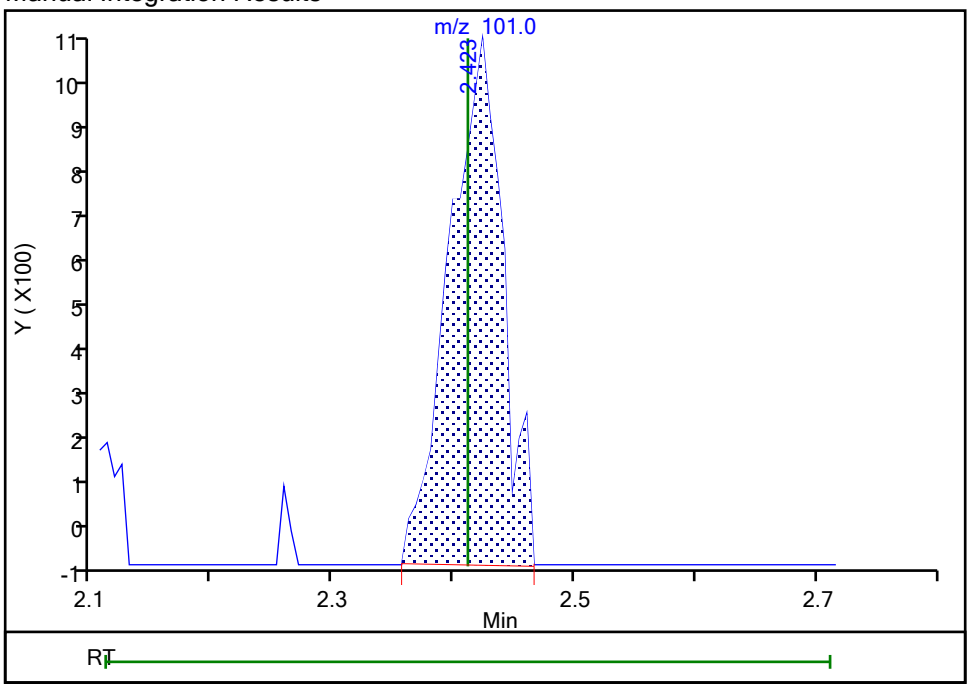
Processing Integration Results

RT: 2.42
Area: 3013
Amount: 1.101459
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 3210
Amount: 1.122642
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

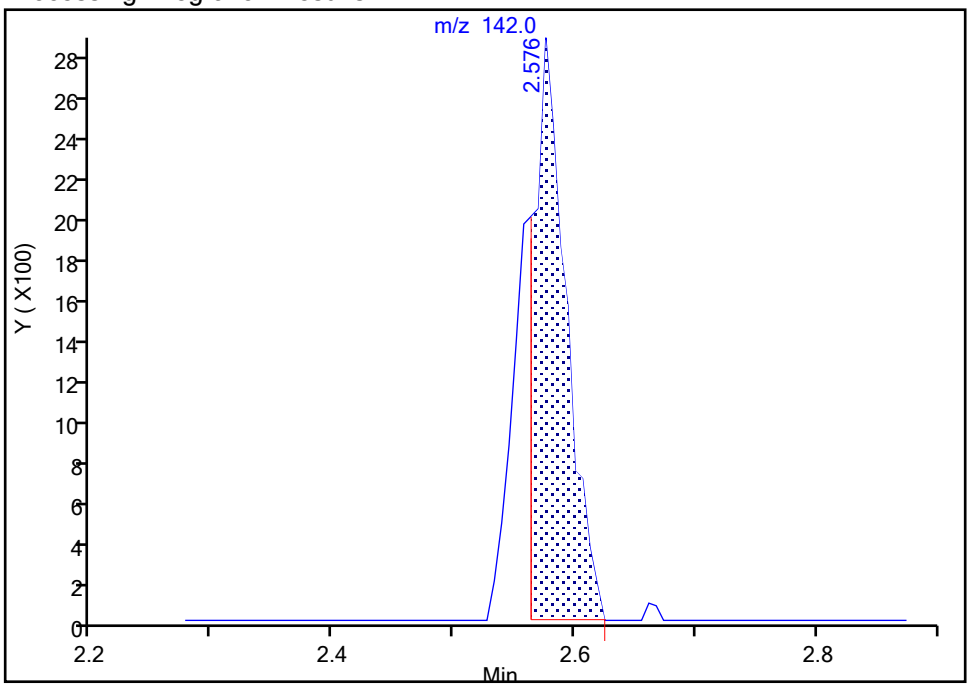
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

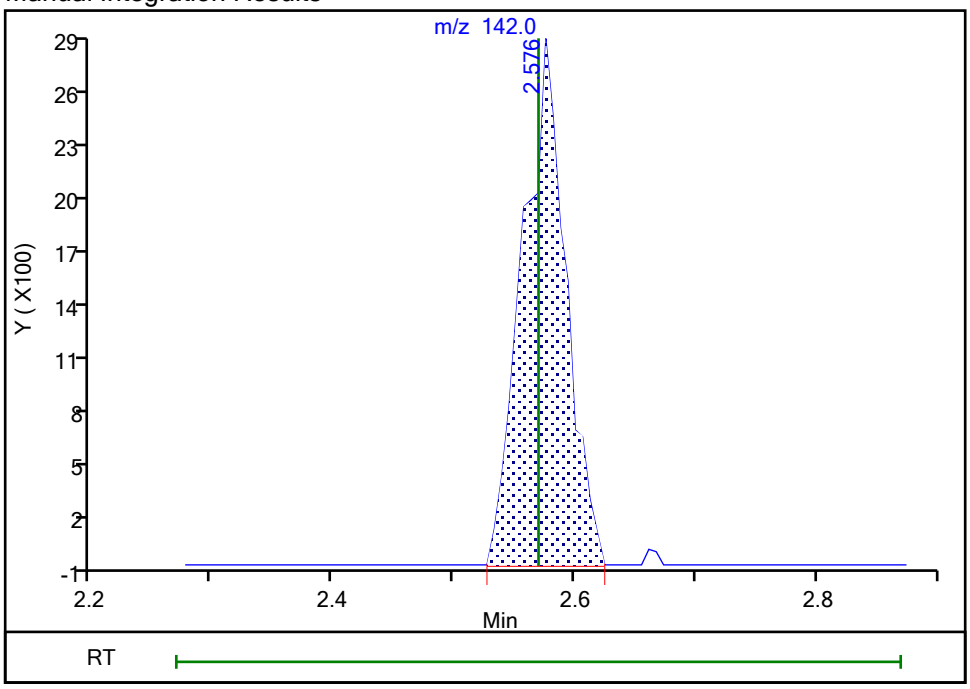
Processing Integration Results

RT: 2.58
Area: 5378
Amount: 0.885578
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 7177
Amount: 1.198481
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

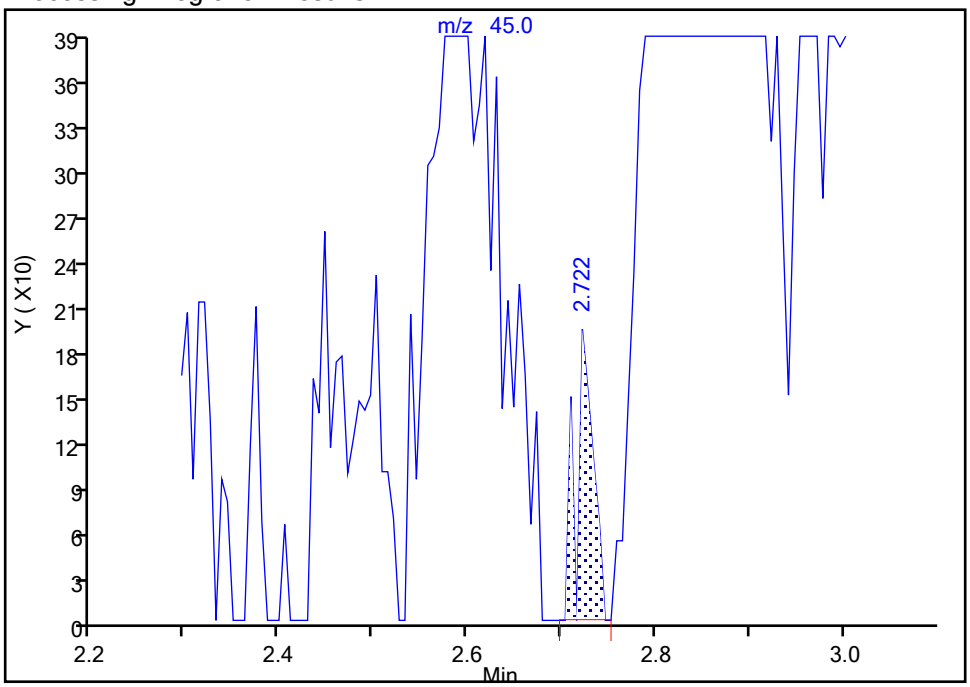
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

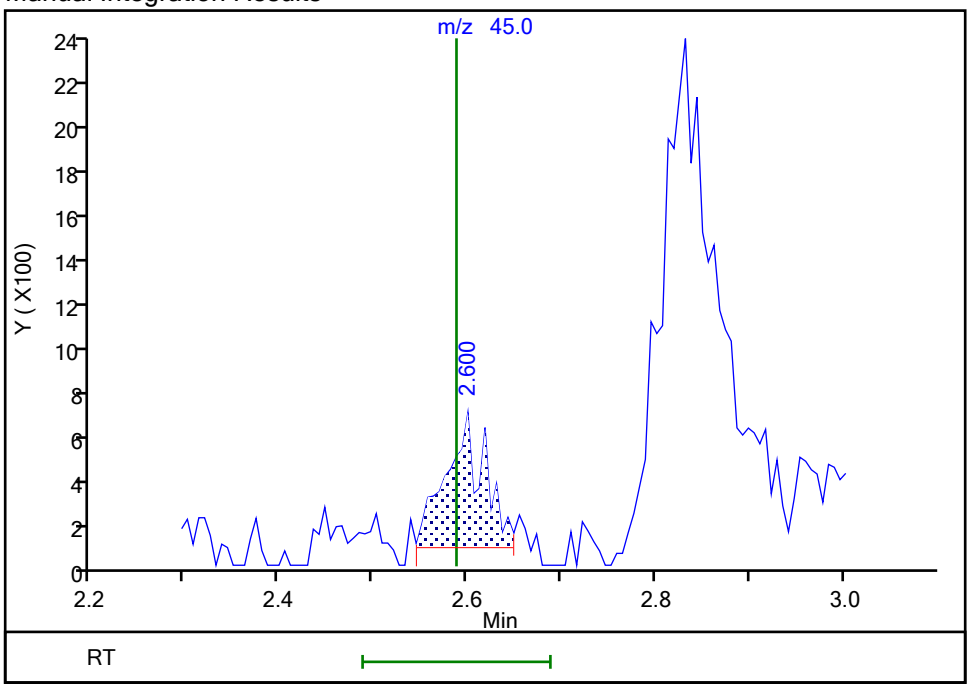
Processing Integration Results

RT: 2.72
Area: 243
Amount: 9.916147
Amount Units: ug/l



Manual Integration Results

RT: 2.60
Area: 1737
Amount: 10.589423
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 16:52:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

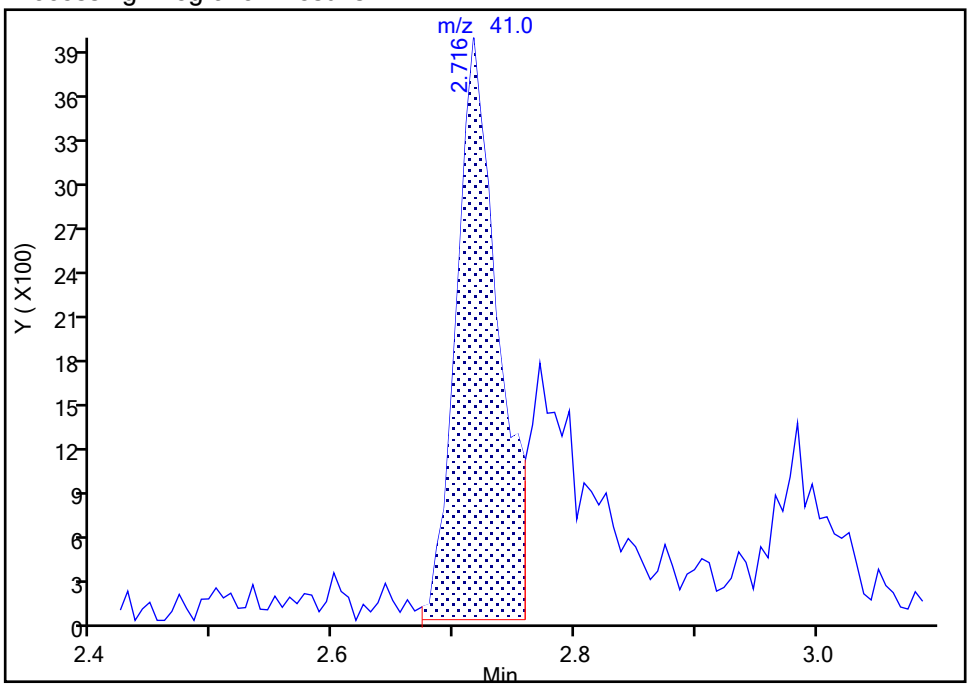
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

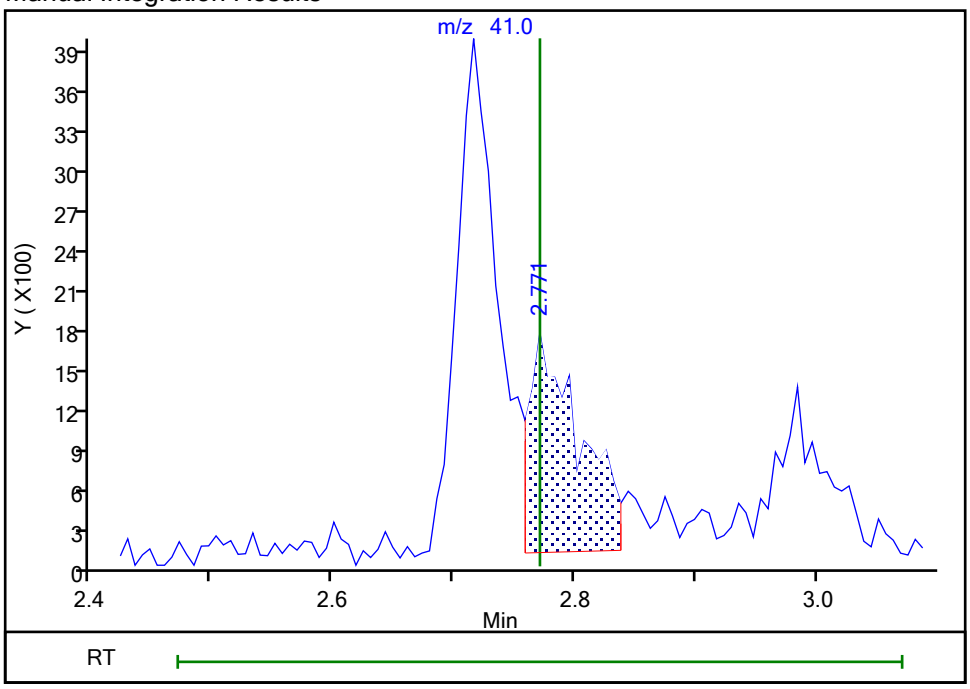
Processing Integration Results

RT: 2.72
Area: 9700
Amount: 10.629081
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 4940
Amount: 9.966866
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

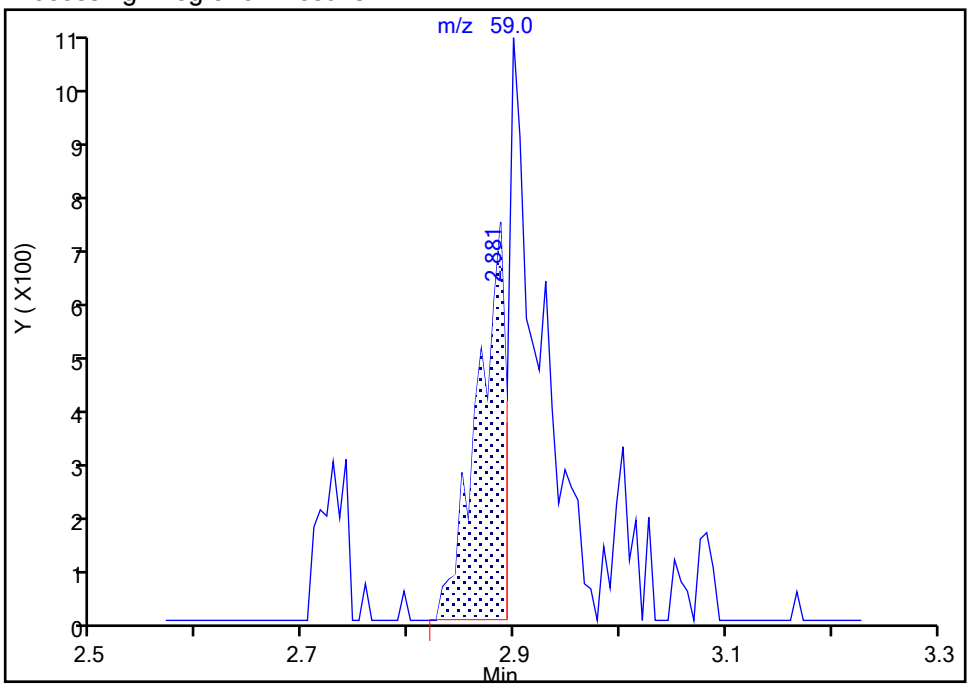
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

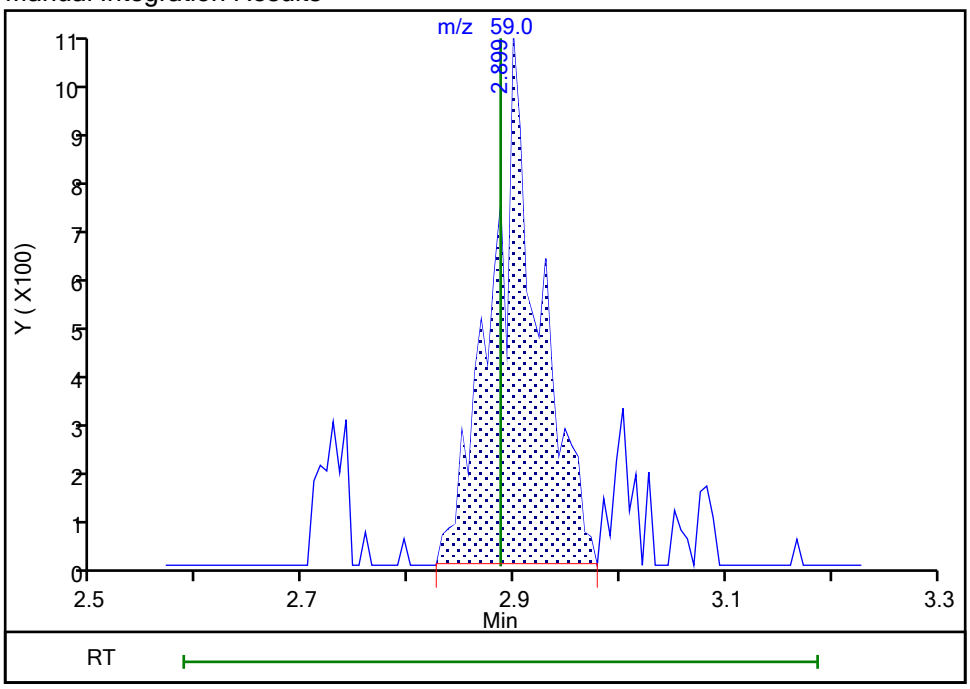
Processing Integration Results

RT: 2.88
Area: 1279
Amount: 10.783691
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 3179
Amount: 12.116954
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

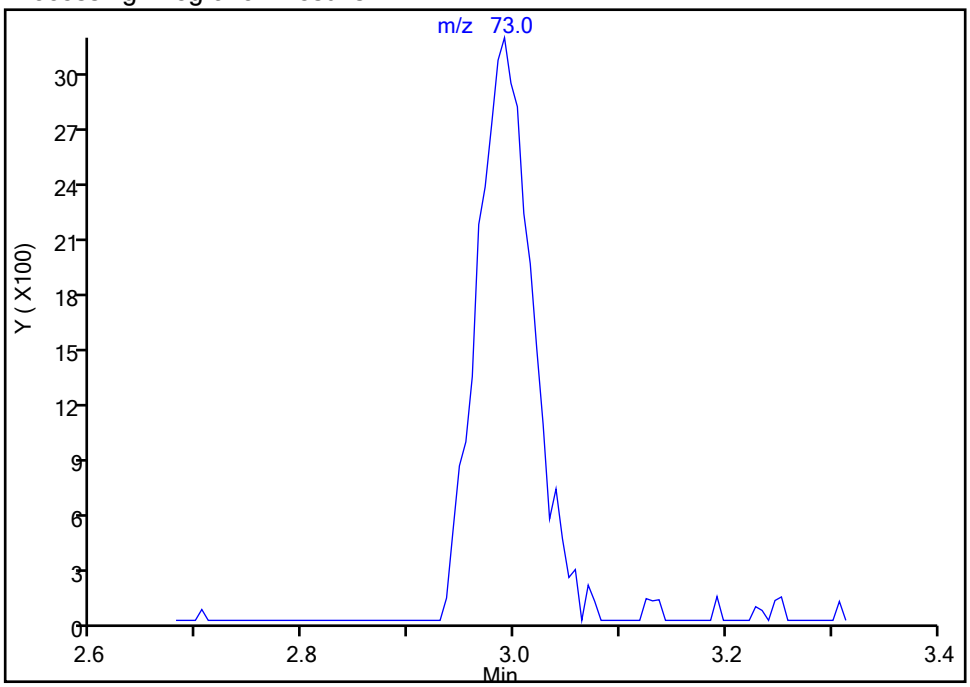
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

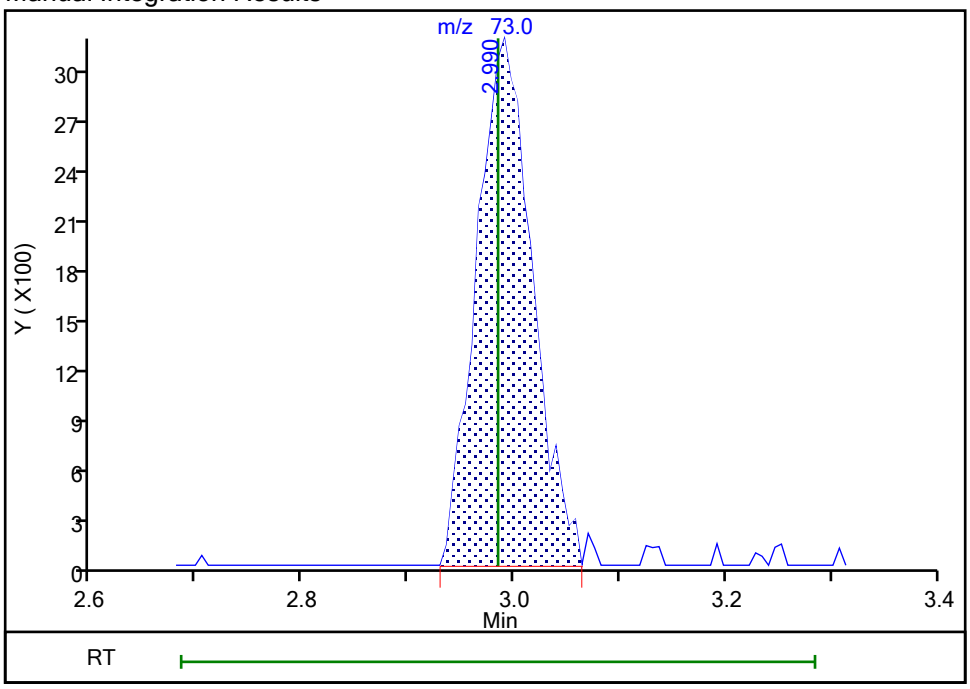
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 2.99
Area: 11405
Amount: 1.061998
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

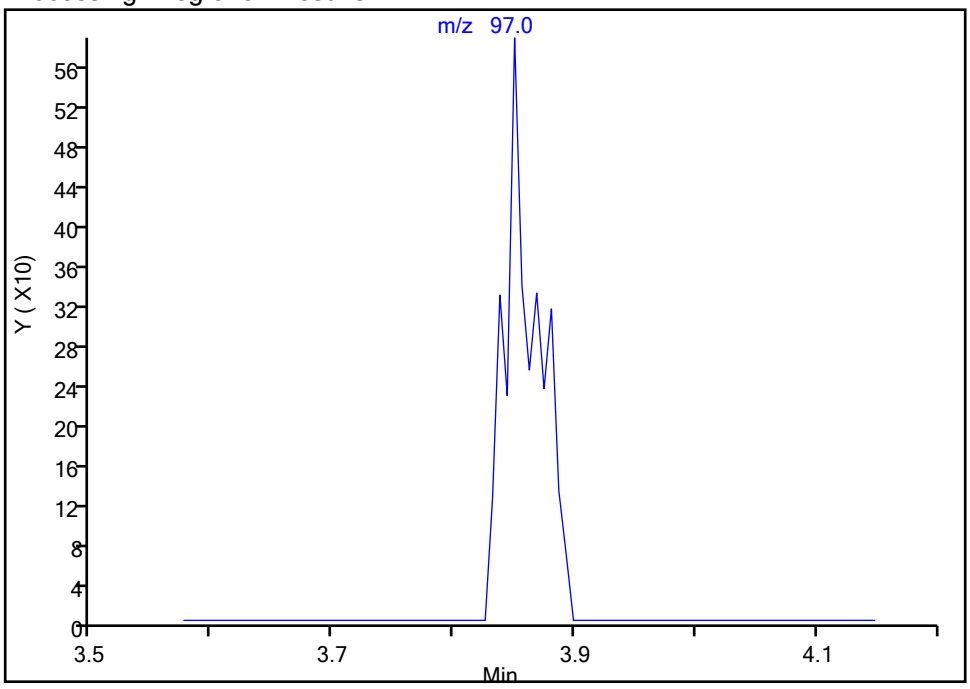
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

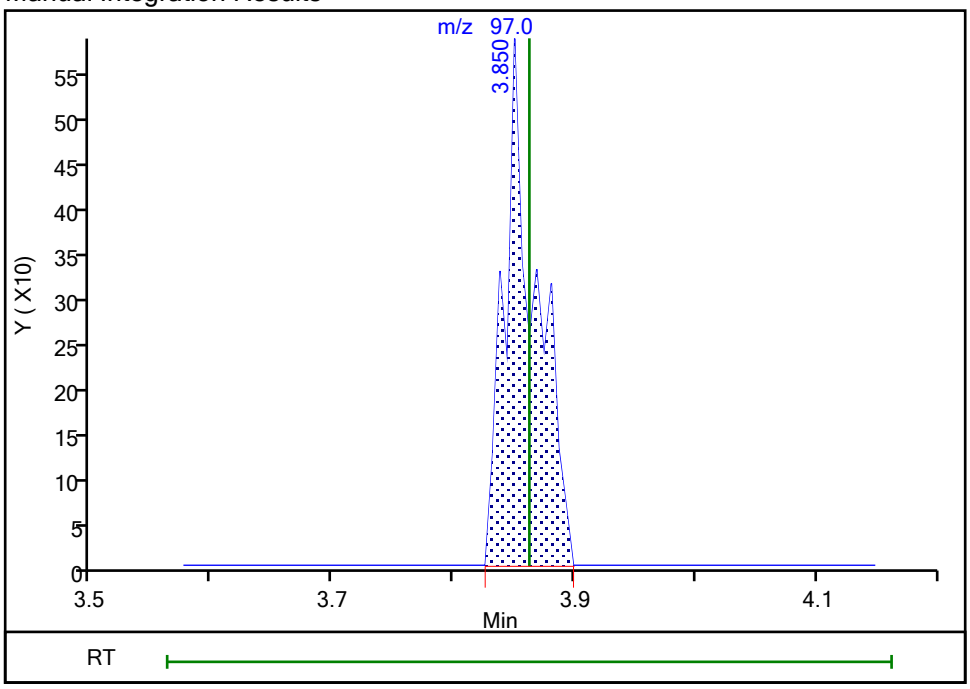
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.85
Area: 1071
Amount: 1.004500
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

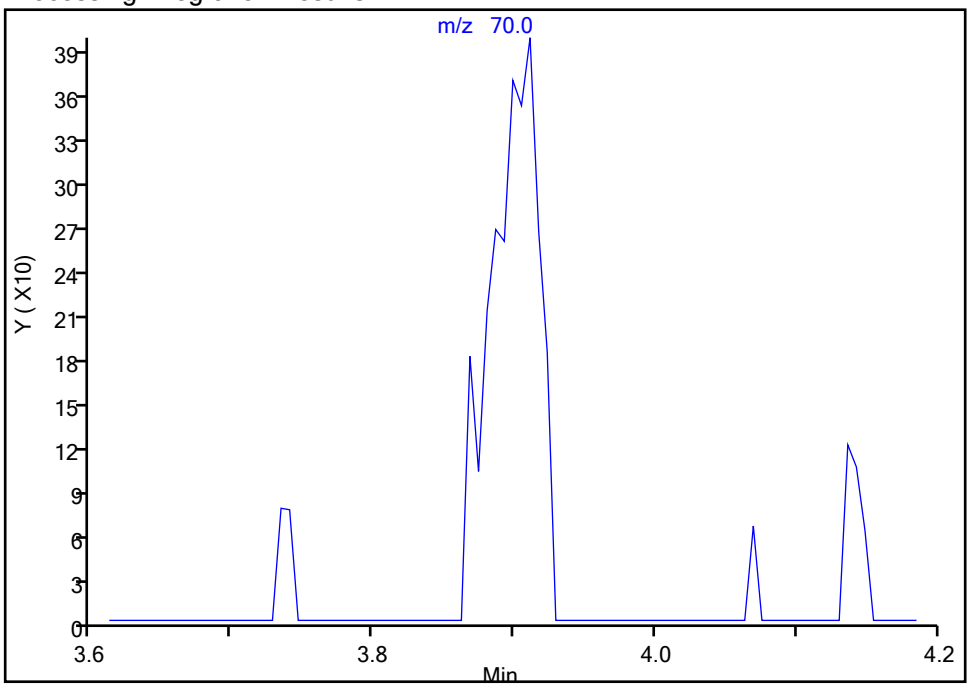
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Ethyl acetate, CAS: 141-78-6

Signal: 1

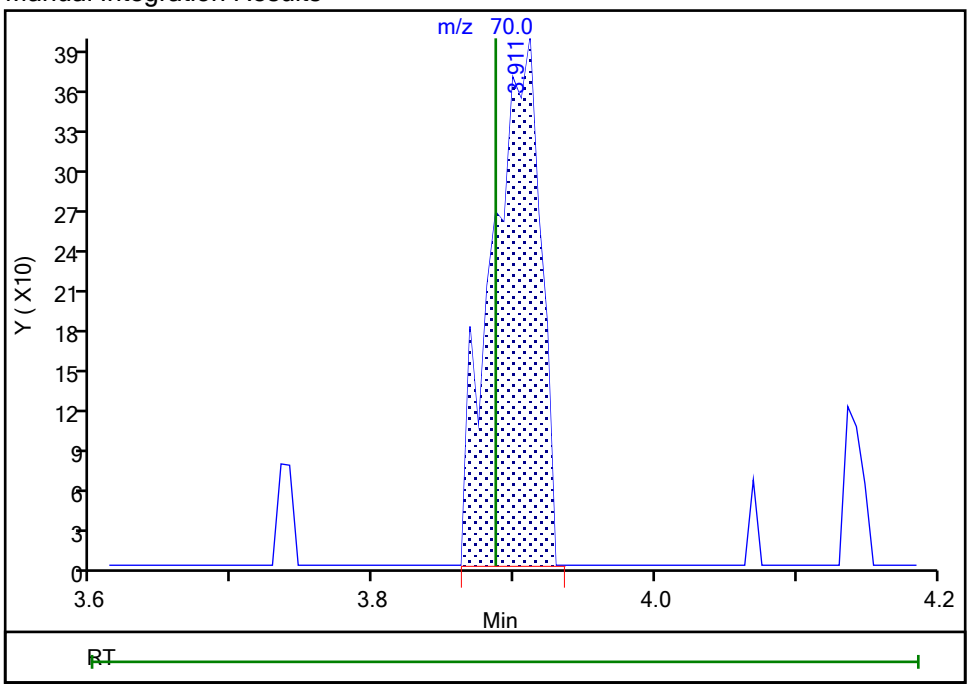
Not Detected
Expected RT: 3.89

Processing Integration Results



Manual Integration Results

RT: 3.91
Area: 939
Amount: 2.561731
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

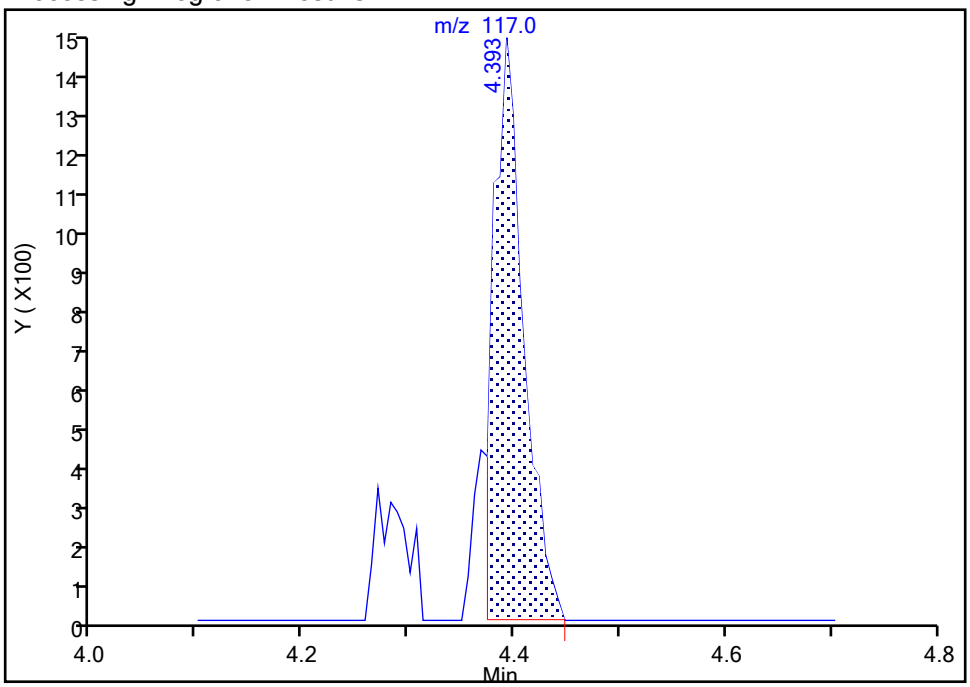
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

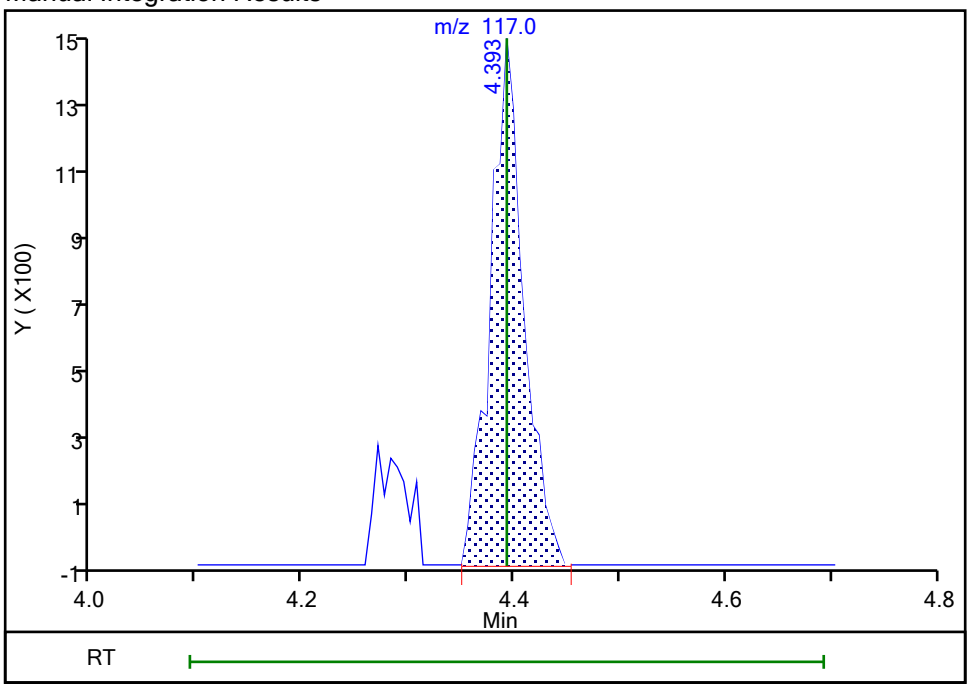
Processing Integration Results

RT: 4.39
Area: 2853
Amount: 1.042949
Amount Units: ug/l



Manual Integration Results

RT: 4.39
Area: 3168
Amount: 1.052355
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:46:49 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

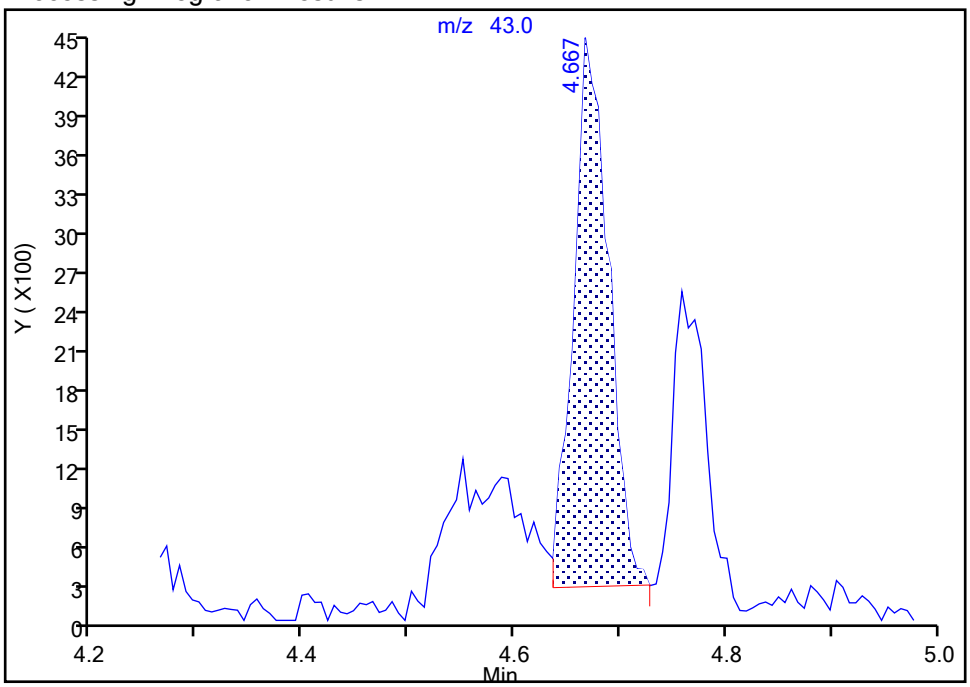
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

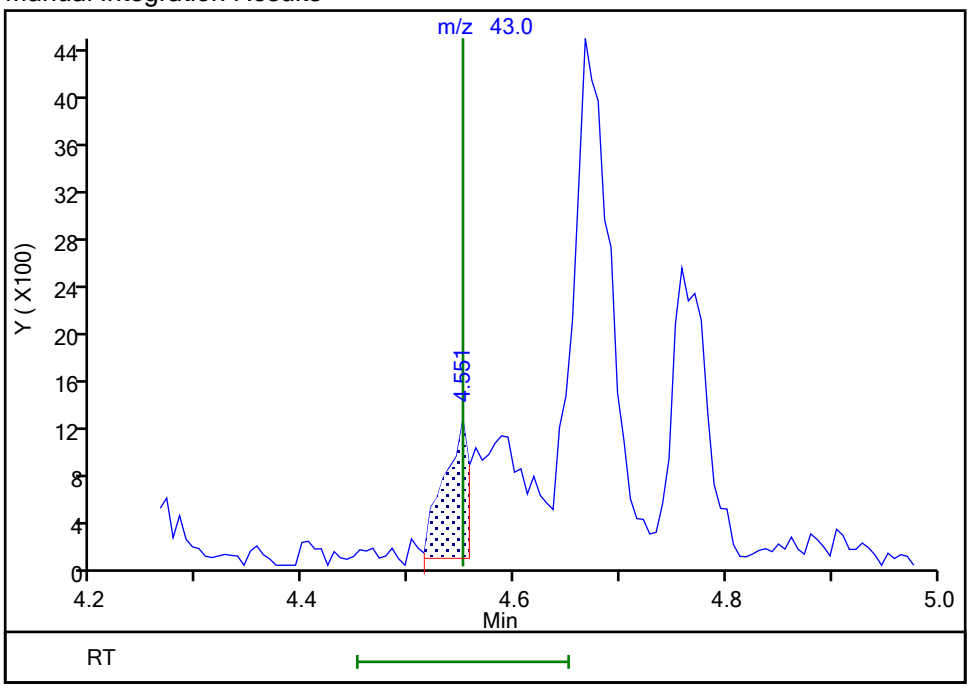
Processing Integration Results

RT: 4.67
Area: 9627
Amount: 99.861092
Amount Units: ug/l



Manual Integration Results

RT: 4.55
Area: 1897
Amount: 21.630439
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:33:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

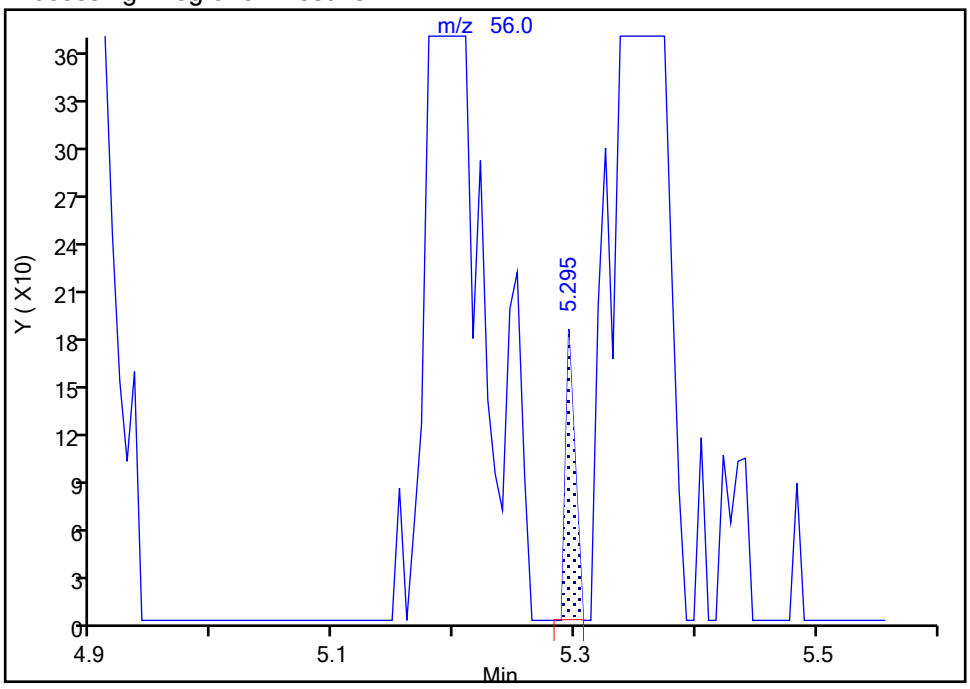
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

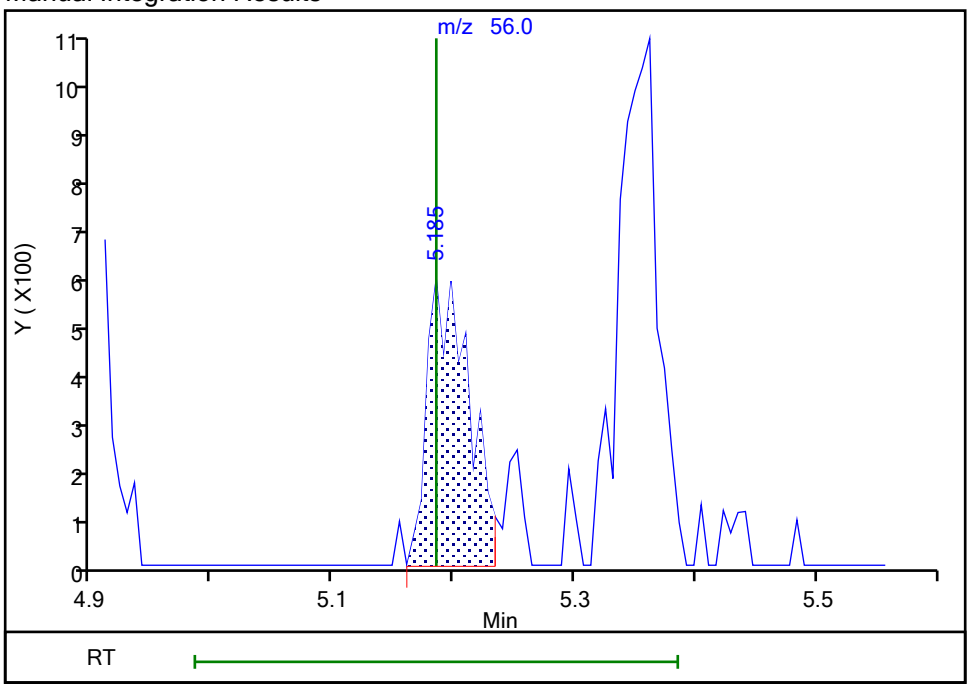
Processing Integration Results

RT: 5.29
Area: 101
Amount: 25.000000
Amount Units: ug/l



Manual Integration Results

RT: 5.19
Area: 1331
Amount: 22.680270
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

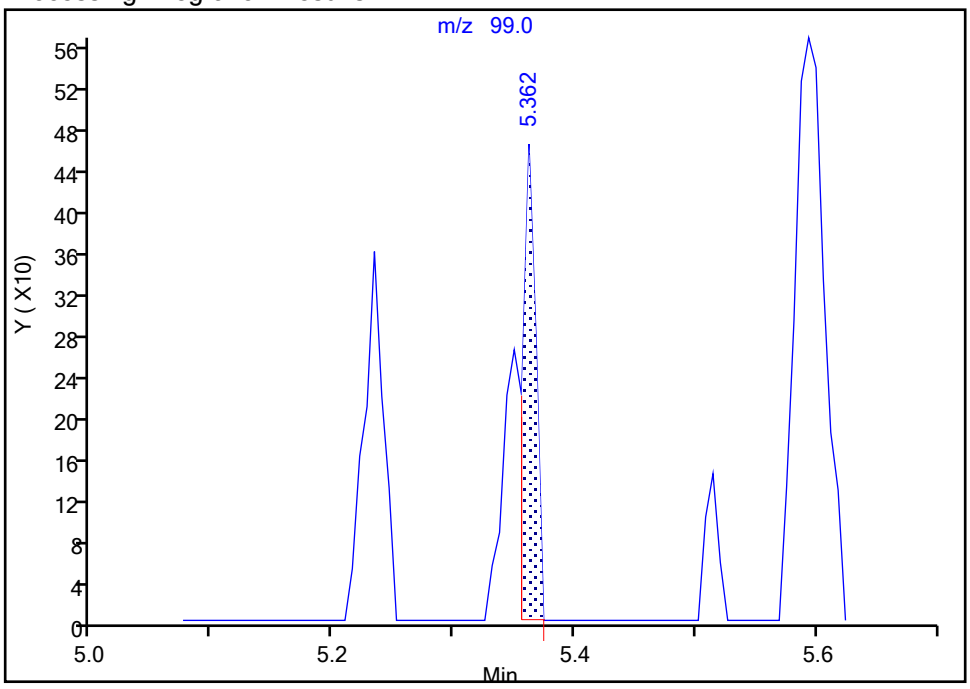
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

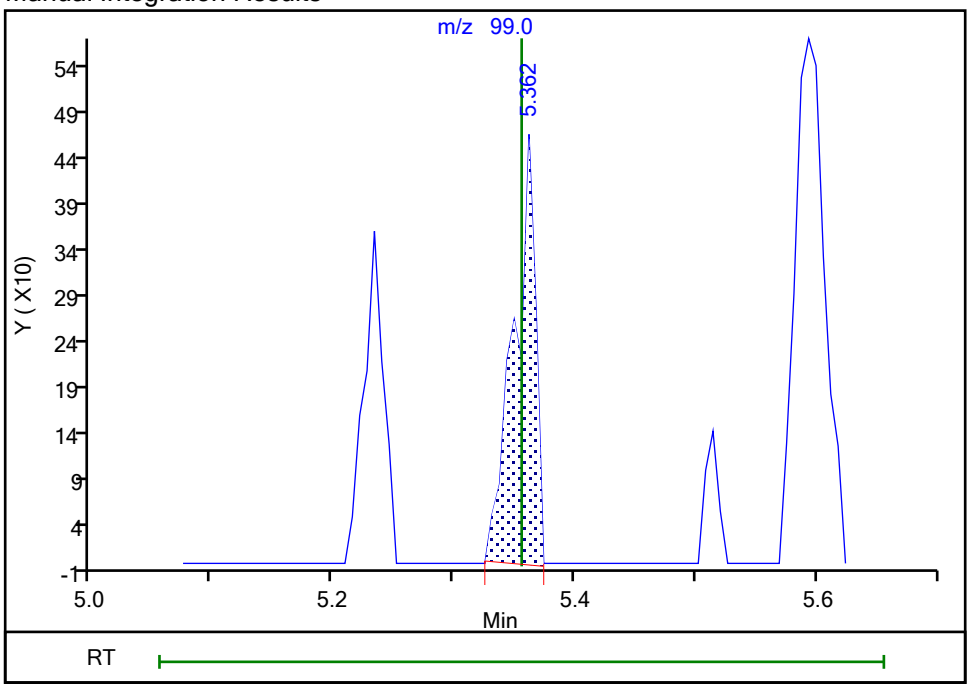
Processing Integration Results

RT: 5.36
Area: 346
Amount: 1.099983
Amount Units: ug/l



Manual Integration Results

RT: 5.36
Area: 572
Amount: 0.987371
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:39 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

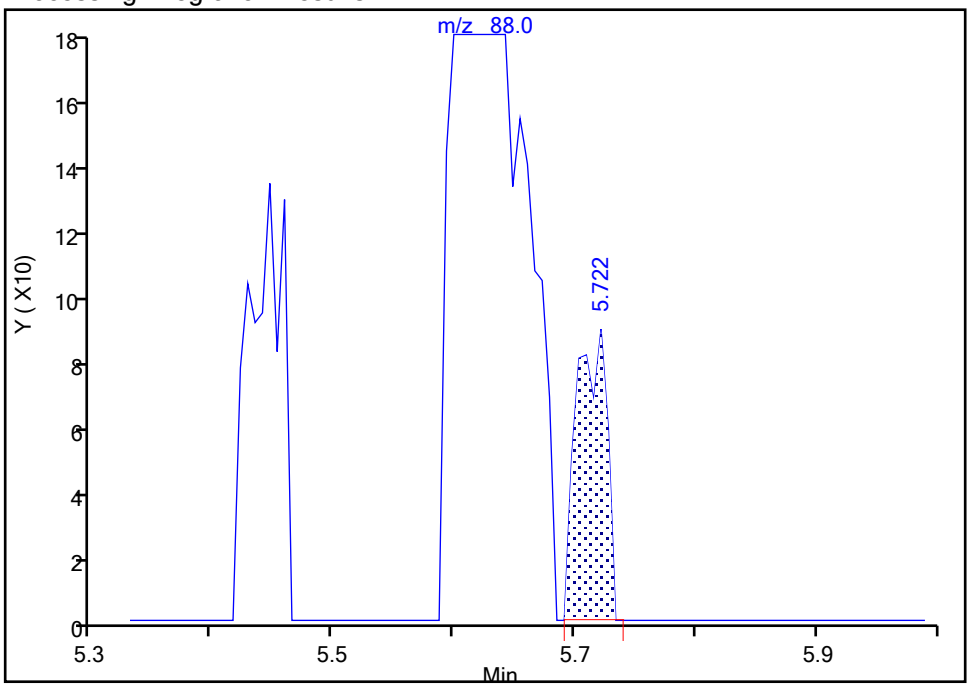
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

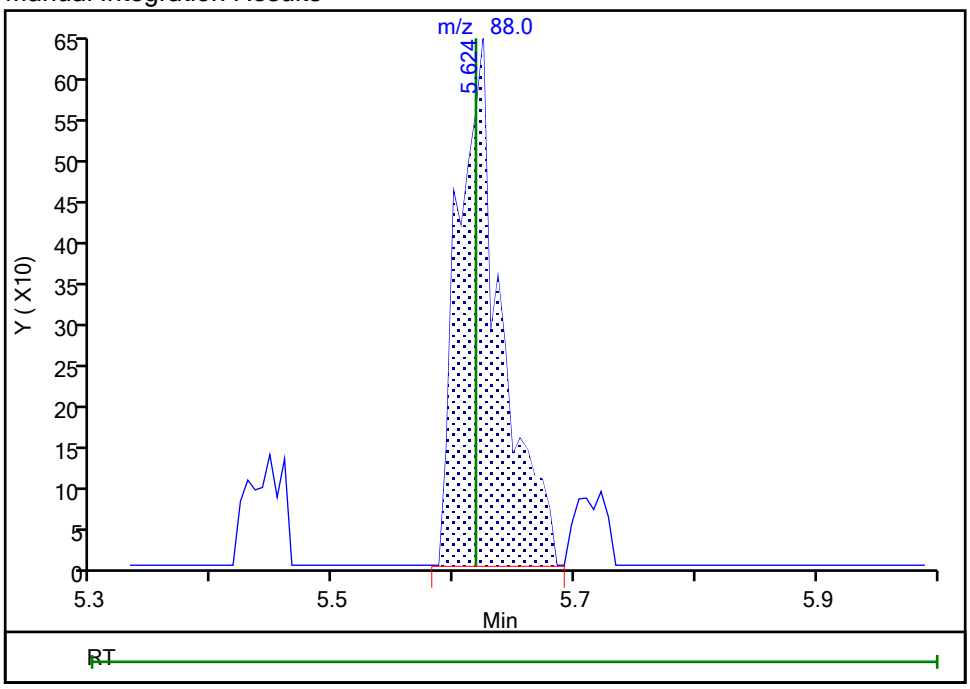
Processing Integration Results

RT: 5.72
Area: 157
Amount: 7.292910
Amount Units: ug/l



Manual Integration Results

RT: 5.62
Area: 1575
Amount: 45.717462
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

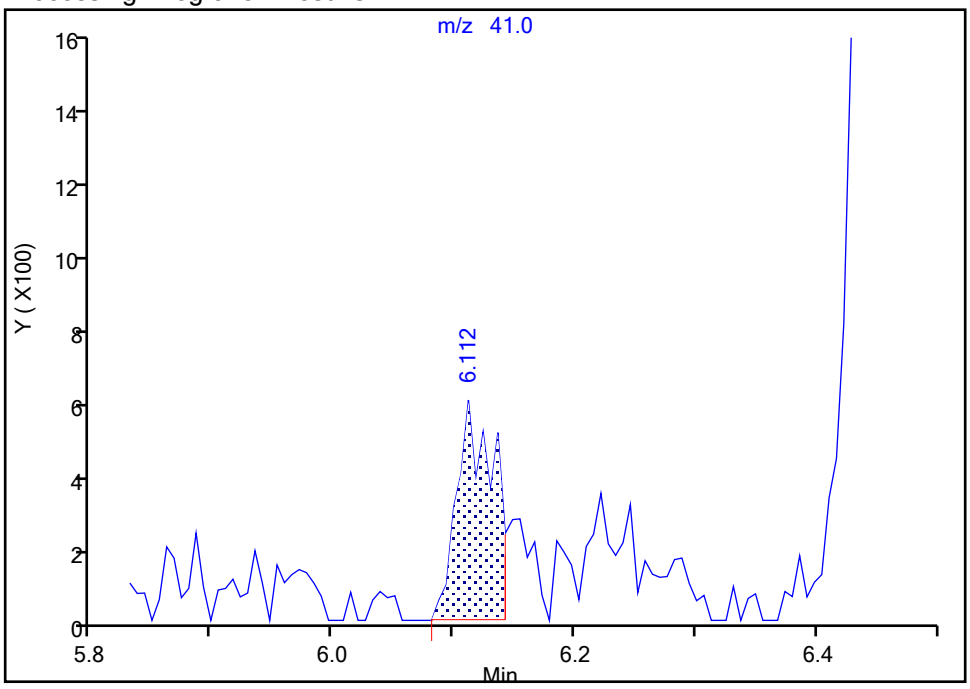
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

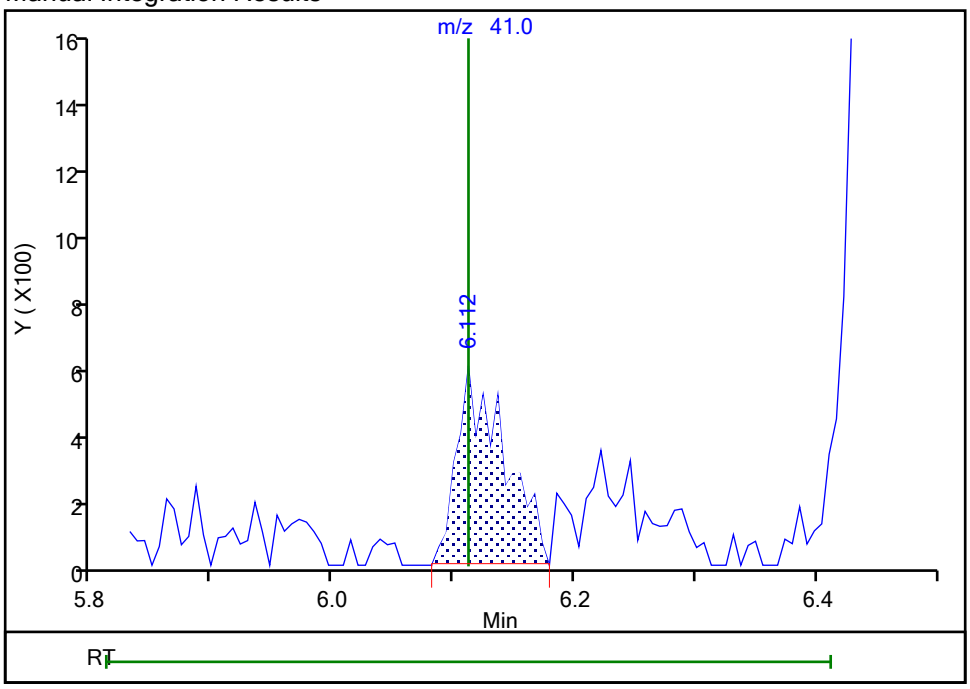
Processing Integration Results

RT: 6.11
Area: 1208
Amount: 2.000000
Amount Units: ug/l



Manual Integration Results

RT: 6.11
Area: 1552
Amount: 3.326051
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

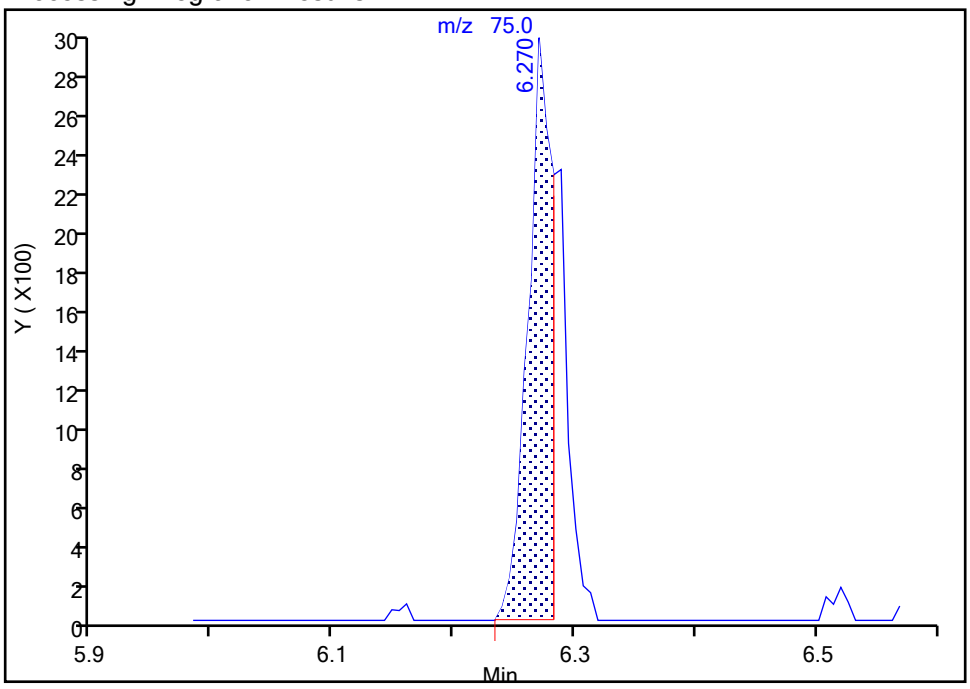
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

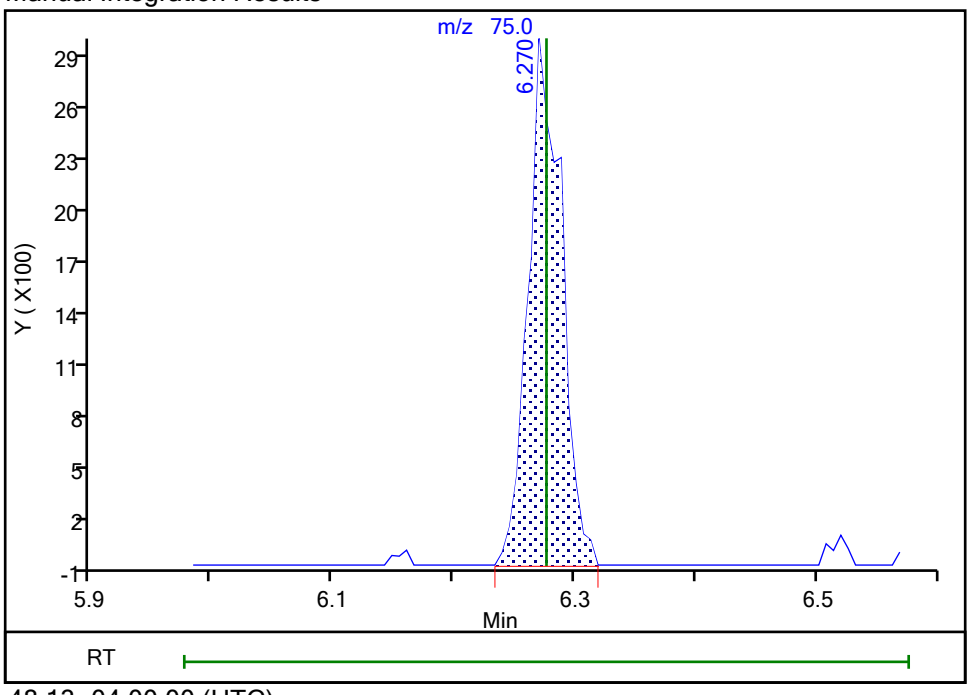
Processing Integration Results

RT: 6.27
Area: 4222
Amount: 0.844153
Amount Units: ug/l



Manual Integration Results

RT: 6.27
Area: 5680
Amount: 1.023859
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:48:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

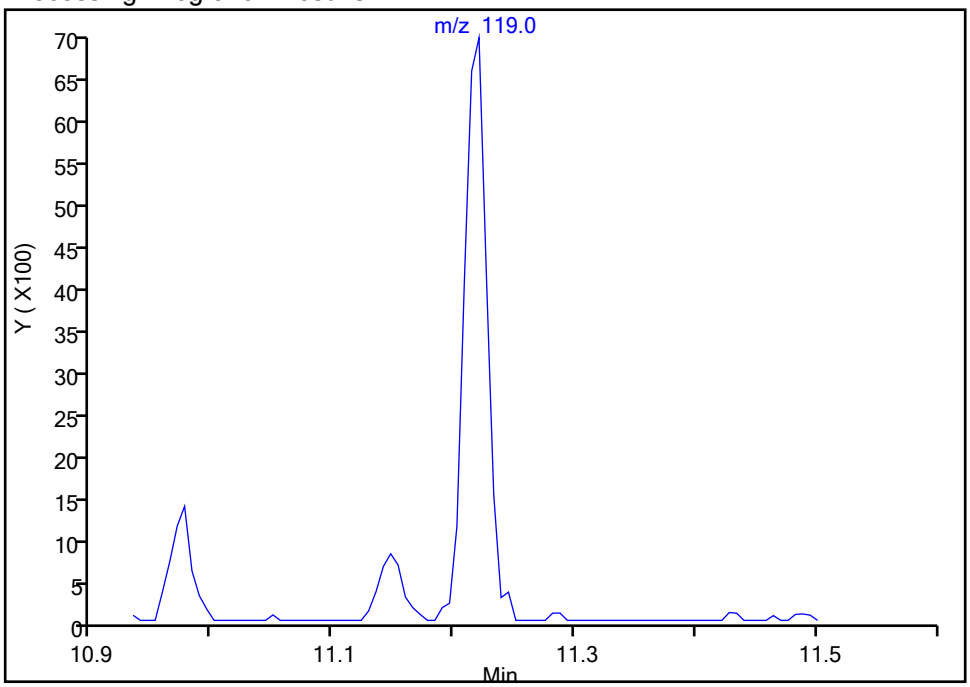
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

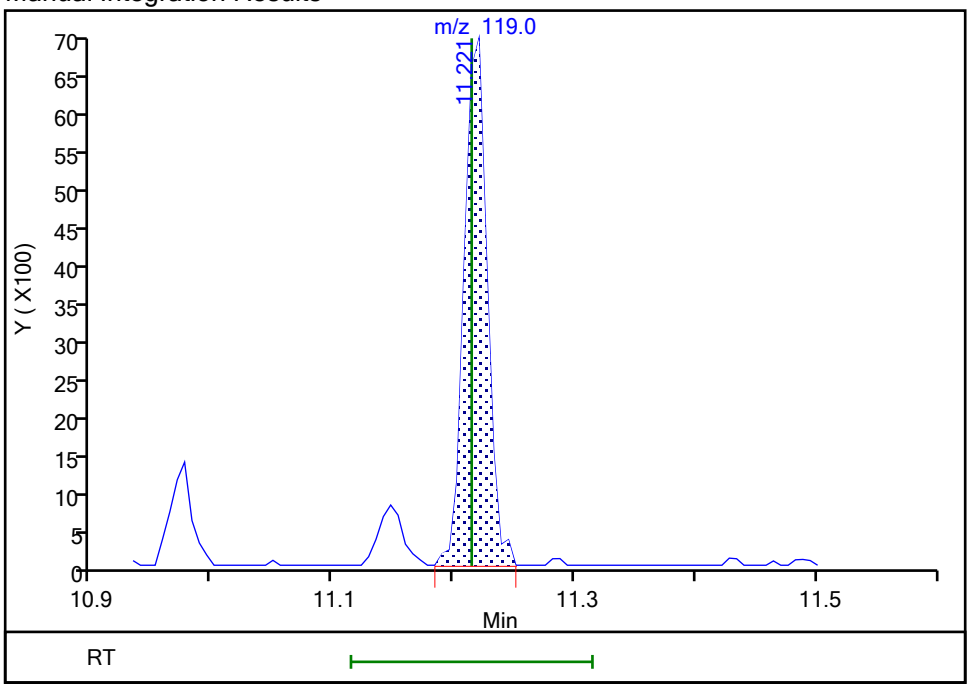
Not Detected
Expected RT: 11.21

Processing Integration Results



Manual Integration Results

RT: 11.22
Area: 9256
Amount: 1.007183
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:48:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Aug-2024 09:05:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0180260-006
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:11:43 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:40:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.216	1.235	-0.019	1	190	5.00	3.87	
3 Chlorotrifluoroethene	116	1.308	1.314	-0.006	58	5195	5.00	7.33	
2 1,1-Difluoroethane	65	1.320	1.320	0.000	97	10504	5.00	5.51	
4 Dichlorodifluoromethane	85	1.338	1.338	0.000	90	23398	5.00	5.17	M
5 Chlorodifluoromethane	67	1.350	1.351	-0.001	96	3940	5.00	7.23	
6 Chloromethane	50	1.491	1.491	0.000	99	28347	5.00	5.22	
7 Vinyl chloride	62	1.558	1.558	0.000	96	24663	5.00	5.18	
8 Butadiene	54	1.570	1.570	0.000	97	24498	5.00	5.48	
9 Bromomethane	94	1.820	1.820	0.000	98	18168	5.00	5.40	
10 Chloroethane	64	1.875	1.881	-0.006	99	15726	5.00	5.01	
11 Dichlorofluoromethane	67	2.039	2.039	0.000	98	43554	5.00	5.43	
12 Trichlorofluoromethane	101	2.052	2.052	0.000	87	25033	5.00	5.20	
13 Pentane	72	2.058	2.070	-0.012	96	5396	10.0	9.52	
14 Ethanol	46	2.228	2.234	-0.006	70	4906	200.0	204.0	M
15 Ethyl ether	74	2.234	2.234	0.000	95	13497	5.00	5.14	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	95	16179	5.00	5.17	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.295	2.302	-0.007	84	16365	5.00	5.39	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.356	2.350	0.006	88	28531	5.00	5.33	
19 Acrolein	56	2.393	2.387	0.006	95	12364	20.0	19.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.417	2.411	0.006	91	15491	5.00	5.30	
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	97	19159	5.00	5.38	
22 Acetone	43	2.503	2.497	0.006	85	26613	25.0	22.8	
23 Iodomethane	142	2.570	2.570	0.000	96	33312	5.00	5.44	
25 Isopropyl alcohol	45	2.570	2.588	-0.018	31	9537	50.0	56.3	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	71216	5.00	5.60	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	93	13206	5.00	5.46	
27 Methyl acetate	43	2.728	2.722	0.006	86	28766	10.0	9.61	
28 Cyclopentene	67	2.734	2.734	0.000	93	39689	5.00	5.31	
29 Acetonitrile	41	2.771	2.771	0.000	90	30008	50.0	59.3	Ma
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	41654	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.832	2.838	-0.006	75	23289	5.00	5.28	
32 2-Methyl-2-propanol	59	2.881	2.887	-0.006	92	13076	50.0	48.3	
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	97	58732	5.00	5.35	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	97	21231	5.00	5.55	
35 Acrylonitrile	53	3.076	3.070	0.006	95	77919	50.0	52.6	
36 Hexane	57	3.155	3.155	0.000	93	21905	5.00	5.47	
37 Isopropyl ether	45	3.356	3.356	0.000	97	70772	5.00	5.36	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	70	37466	5.00	5.28	
39 Vinyl acetate	86	3.393	3.393	0.000	100	4982	10.0	8.87	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	89	17628	5.00	5.49	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	88	63169	5.00	5.37	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	406838	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.862	0.006	47	5417	5.00	4.97	a
44 cis-1,2-Dichloroethene	96	3.868	3.868	0.000	94	22915	5.00	5.29	
45 2-Butanone (MEK)	72	3.893	3.887	0.006	95	10594	25.0	24.8	a
46 Ethyl acetate	70	3.899	3.887	0.012	97	3945	10.0	10.5	
47 Methyl acrylate	55	3.941	3.941	0.000	98	14680	5.00	4.64	
48 Propionitrile	54	4.008	4.009	-0.001	98	28865	50.0	60.5	
50 Tetrahydrofuran	72	4.082	4.082	0.000	59	5140	10.0	10.0	
49 Chlorobromomethane	128	4.088	4.088	0.000	88	11256	5.00	5.32	
51 Methacrylonitrile	67	4.106	4.112	-0.006	93	81049	50.0	54.2	
52 Chloroform	83	4.136	4.143	-0.007	97	34774	5.00	5.50	
53 Cyclohexane	84	4.258	4.271	-0.013	31	26195	5.00	5.36	a
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	39	25804	5.00	5.54	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	184231	50.0	50.5	
56 Carbon tetrachloride	117	4.386	4.393	-0.007	95	15456	5.00	5.02	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	98	26399	5.00	5.51	
58 Isobutyl alcohol	43	4.557	4.551	0.006	67	10579	125.0	116.8	Ma
59 Isooctane	57	4.588	4.582	0.006	97	57756	5.00	5.13	
60 Benzene	78	4.606	4.612	-0.006	96	82447	5.00	5.24	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	214599	50.0	49.8	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	93	62126	5.00	5.20	
63 Isopropyl acetate	61	4.667	4.673	-0.006	92	10035	5.00	5.10	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	94	26557	5.00	5.40	
65 n-Heptane	100	4.771	4.771	0.000	92	3828	5.00	5.76	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	753377	50.0	50.0	
67 n-Butanol	56	5.179	5.185	-0.006	86	7535	125.0	124.3	
68 Trichloroethene	95	5.228	5.228	0.000	97	18897	5.00	5.29	
69 Methylcyclohexane	83	5.356	5.356	0.000	79	27517	5.00	4.93	
70 Ethyl acrylate	99	5.350	5.356	-0.006	95	2273	5.00	3.84	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	90	21016	5.00	5.26	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	36410	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	93	8139	10.0	9.69	
75 1,4-Dioxane	88	5.624	5.618	0.006	27	4008	100.0	101.3	a
74 Dibromomethane	93	5.630	5.630	0.000	94	12311	5.00	5.36	
76 n-Propyl acetate	43	5.648	5.648	0.000	98	23308	5.00	4.50	
77 Dichlorobromomethane	83	5.783	5.783	-0.001	99	21255	5.00	5.13	
78 2-Nitropropane	41	6.118	6.112	0.006	70	5247	10.0	11.0	
79 2-Chloroethyl vinyl ether	63	6.118	6.124	-0.006	89	12947	5.01	5.22	
80 Epichlorohydrin	57	6.221	6.222	-0.001	99	34795	100.0	100.8	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	28882	5.00	5.05	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	36688	25.0	25.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	710246	50.0	49.2	
84 Toluene	91	6.587	6.587	0.000	93	83026	5.00	4.91	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	95	22923	5.00	4.76	
86 Ethyl methacrylate	69	6.977	6.977	0.000	91	18880	5.00	3.76	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	95	13911	5.00	5.01	
88 Tetrachloroethene	166	7.185	7.185	0.000	97	19255	5.00	5.43	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	94	28531	5.00	5.11	
90 2-Hexanone	43	7.422	7.423	0.000	97	60986	25.0	26.8	
91 n-Butyl acetate	43	7.544	7.544	0.000	99	23134	5.00	4.55	
92 Chlorodibromomethane	129	7.575	7.575	0.000	96	12161	5.00	4.60	
93 Ethylene Dibromide	107	7.727	7.721	0.006	97	15537	5.00	4.99	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	86	538603	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	94	53911	5.00	5.48	
96 Ethylbenzene	106	8.410	8.410	0.000	99	27662	5.00	5.21	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	89	12287	5.00	4.30	
98 m-Xylene & p-Xylene	106	8.575	8.569	0.006	0	33020	5.00	5.19	
99 o-Xylene	106	9.087	9.087	0.000	93	32707	5.00	5.04	
100 n-Butyl acrylate	73	9.093	9.087	0.006	55	9687	5.00	4.50	
101 Styrene	104	9.123	9.123	0.000	98	55715	5.00	5.42	
102 Bromoform	173	9.367	9.367	0.000	64	6654	5.00	4.61	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	92	24414	5.00	3.11	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	75249	5.00	5.10	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	228299	50.0	50.4	
106 Bromobenzene	156	9.898	9.898	0.000	98	22820	5.00	5.31	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.971	-0.006	98	21405	5.00	5.16	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	101645	5.00	5.22	
109 1,2,3-Trichloropropane	110	10.013	10.013	0.000	96	6461	5.00	5.46	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	70	3923	5.00	4.09	a
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	71886	5.00	5.26	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	84022	5.00	5.15	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	67688	5.00	5.01	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	67840	5.00	5.16	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	91	13540	5.00	2.59	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	56847	5.00	5.01	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	73188	5.00	5.20	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	88591	5.00	5.15	
119 1,3-Dichlorobenzene	146	10.849	10.855	-0.006	97	44299	5.00	5.28	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	78832	5.00	5.35	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	301749	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	94	43024	5.00	5.14	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	78236	5.00	5.12	
124 Benzyl chloride	91	11.086	11.086	0.000	99	25014	5.00	4.23	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	94	76935	5.00	5.30	
126 p-Diethylbenzene	119	11.220	11.214	0.006	93	49589	5.00	5.27	a
127 n-Butylbenzene	92	11.239	11.239	0.000	97	42601	5.00	5.28	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	95	42495	5.00	5.15	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	76366	5.00	5.18	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.970	-0.006	86	2144	5.00	3.67	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	35371	5.00	5.03	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	93	33454	5.00	5.31	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	97	17169	5.00	5.29	
134 Naphthalene	128	12.775	12.775	0.000	99	75281	5.00	5.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	94	32618	5.00	5.04	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.8	
S 137 Xylenes, Total	100				0		10.0	10.2	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.81	
S 140 Total BTEX	1				0		25.0	25.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	10.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	10.00	Units: uL	
GASES Li_00600	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:11:43 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D

Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17

Lims ID: STD5

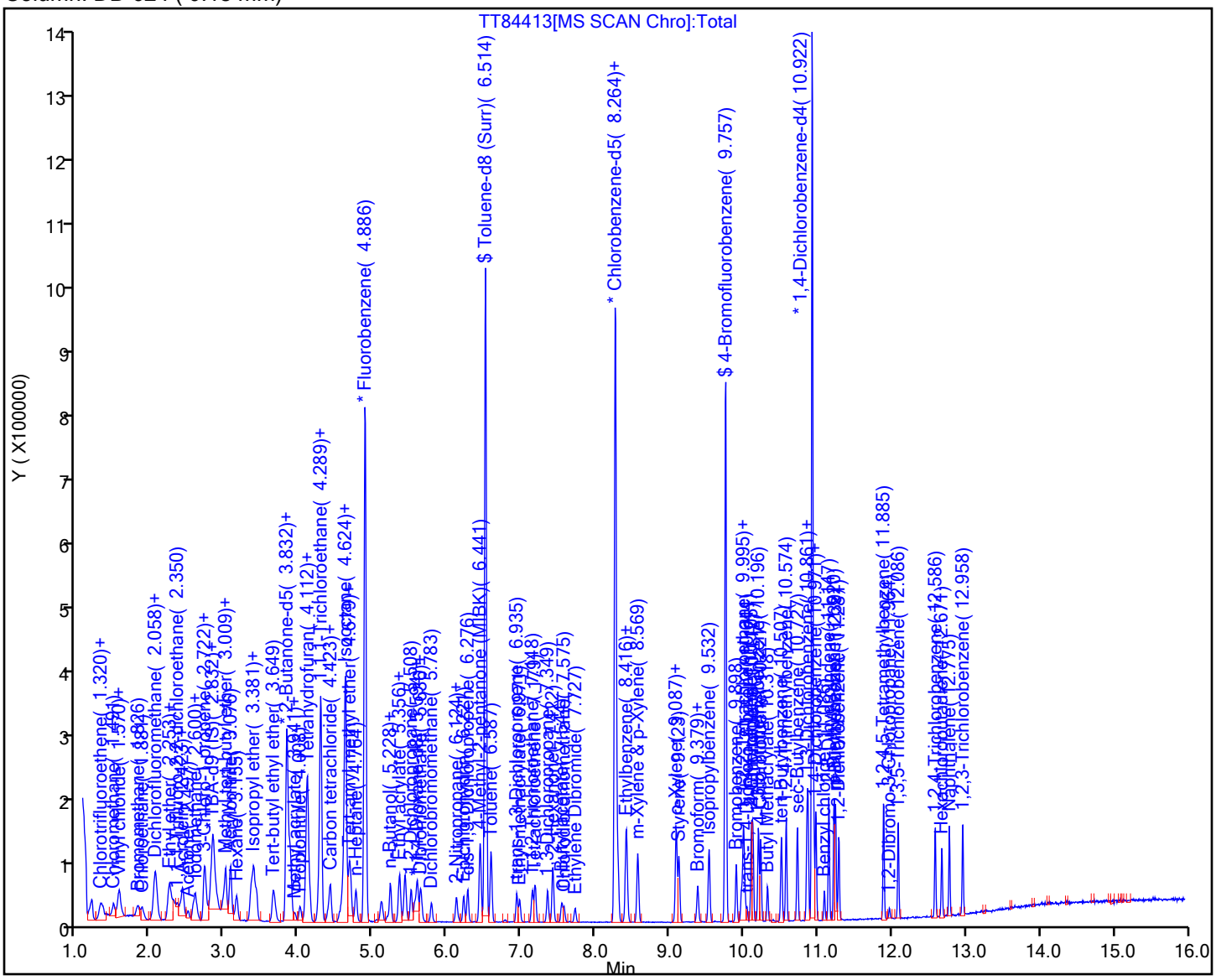
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

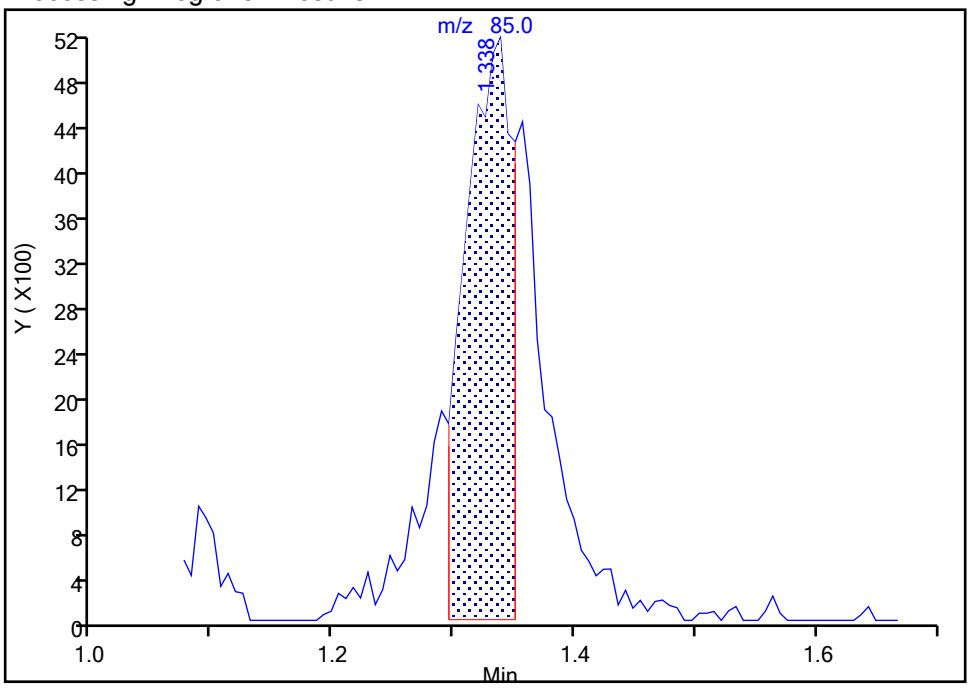
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

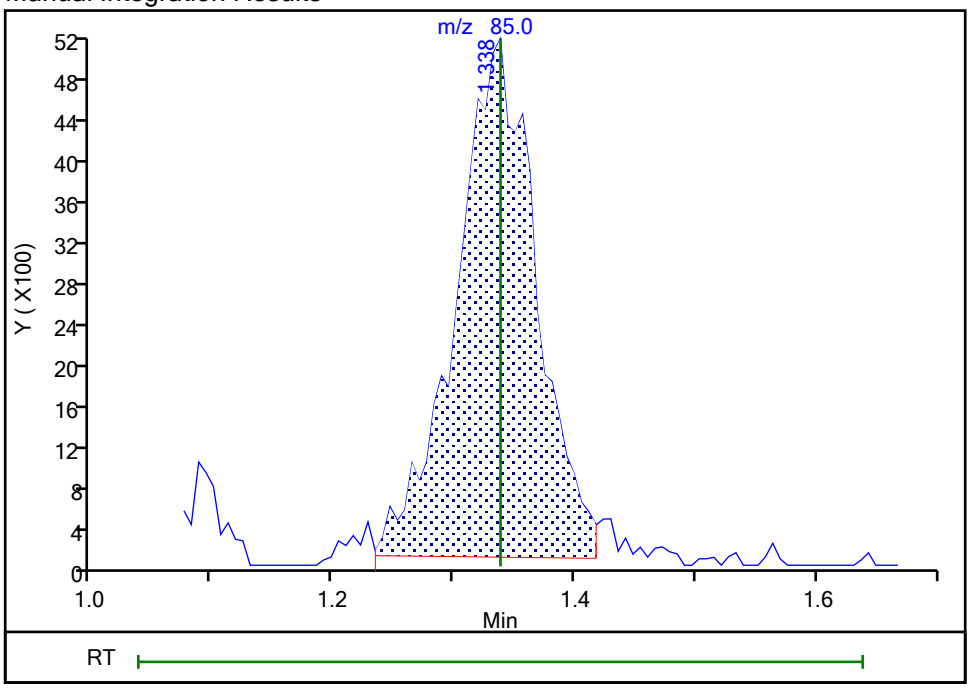
Processing Integration Results

RT: 1.34
Area: 14208
Amount: 4.998733
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 23398
Amount: 5.165415
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:37:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

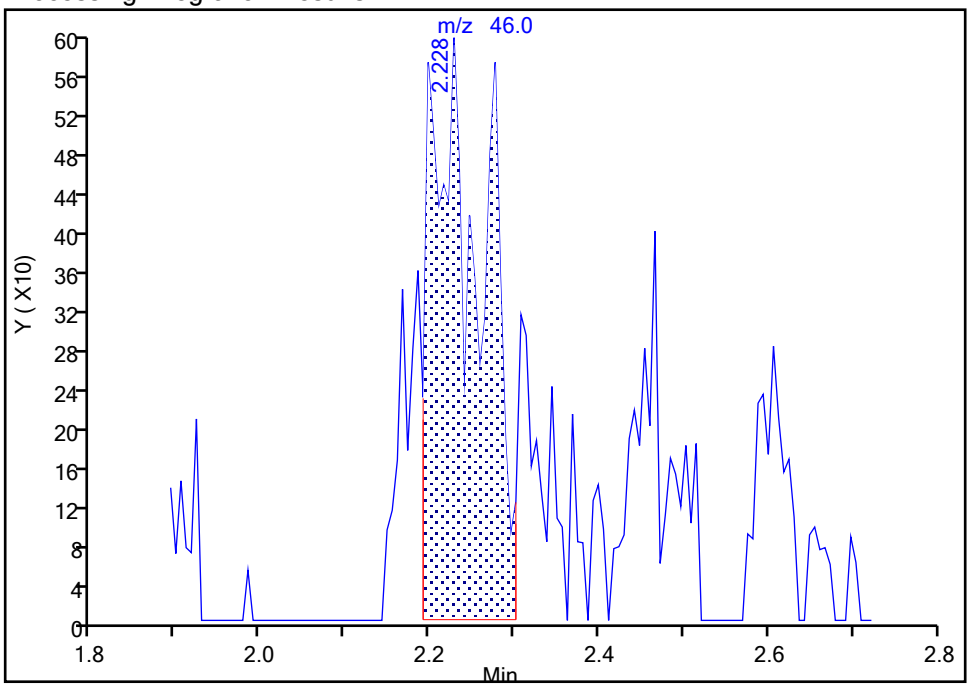
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

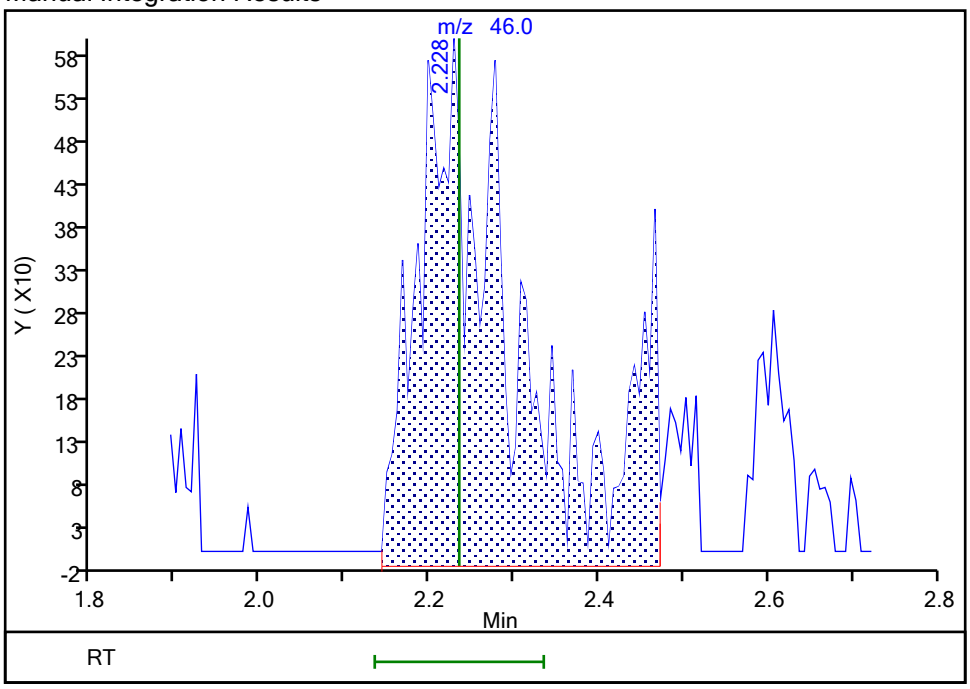
Processing Integration Results

RT: 2.23
Area: 2550
Amount: 198.8132
Amount Units: ug/l



Manual Integration Results

RT: 2.23
Area: 4906
Amount: 204.0450
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:34:15 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

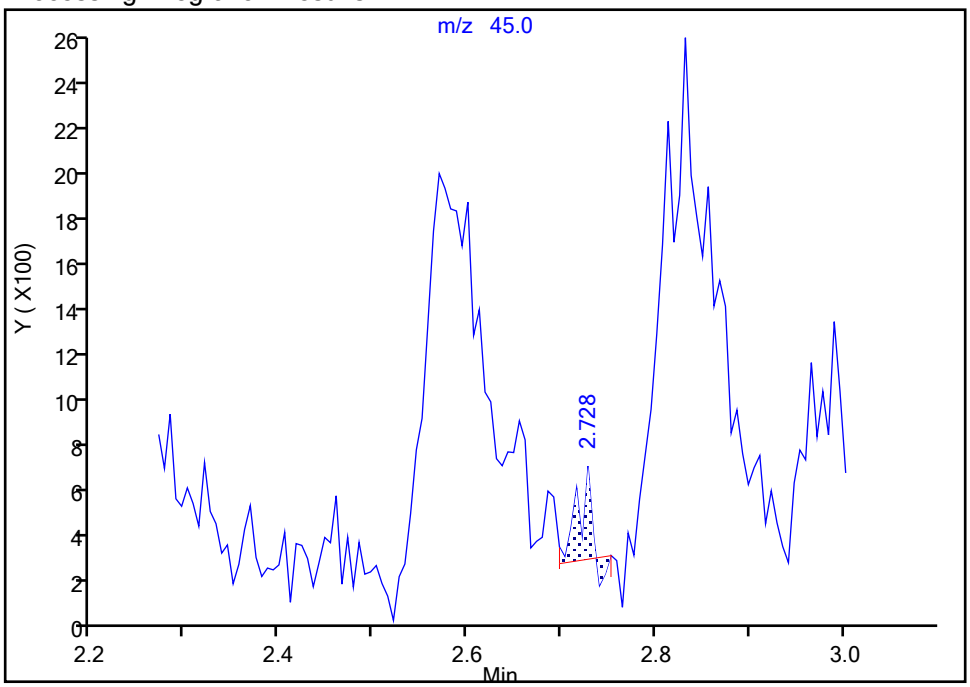
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

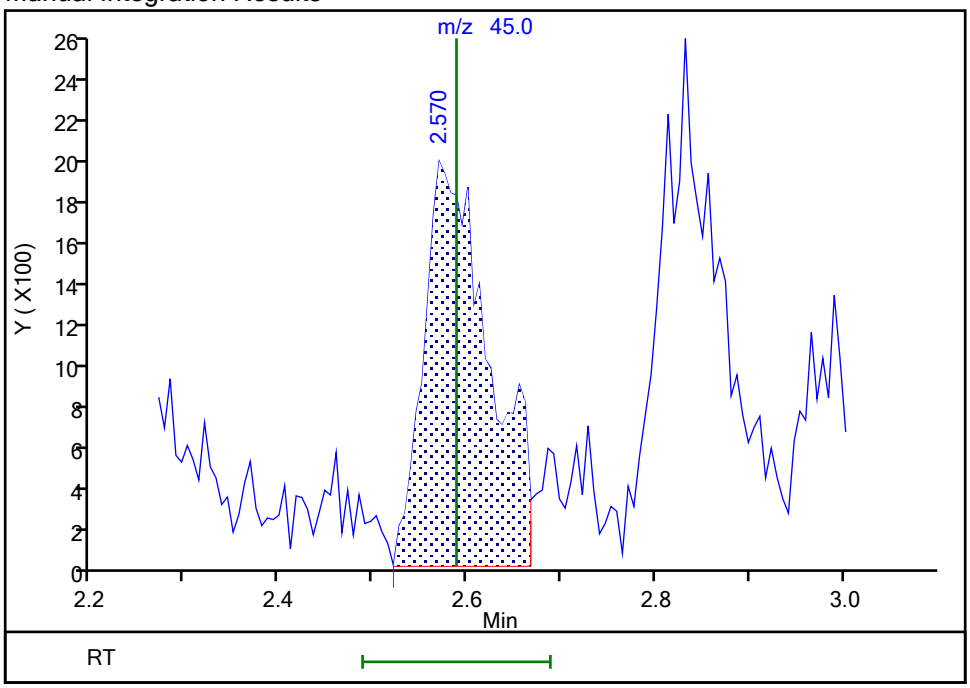
Processing Integration Results

RT: 2.73
Area: 338
Amount: 12.208539
Amount Units: ug/l



Manual Integration Results

RT: 2.57
Area: 9537
Amount: 56.298762
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:00:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

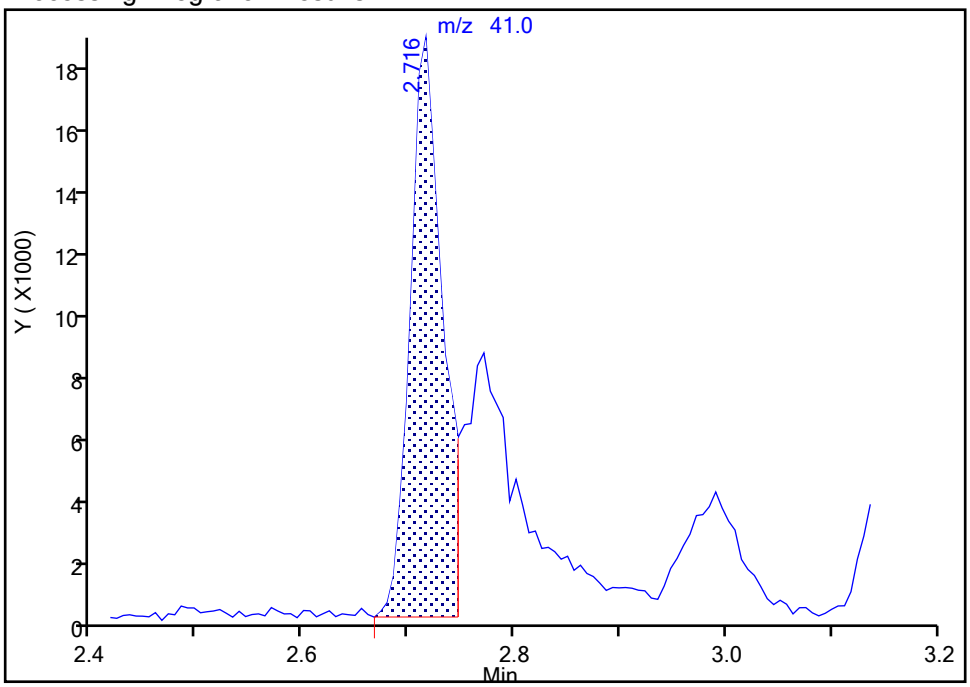
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

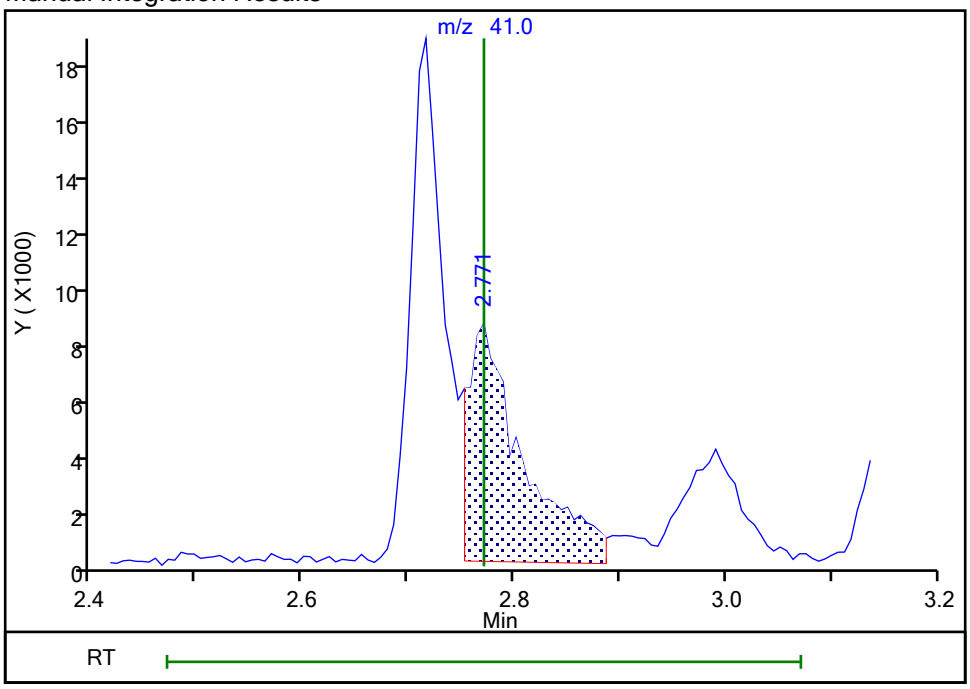
Processing Integration Results

RT: 2.72
Area: 38907
Amount: 45.604081
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 30008
Amount: 59.255226
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:38:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

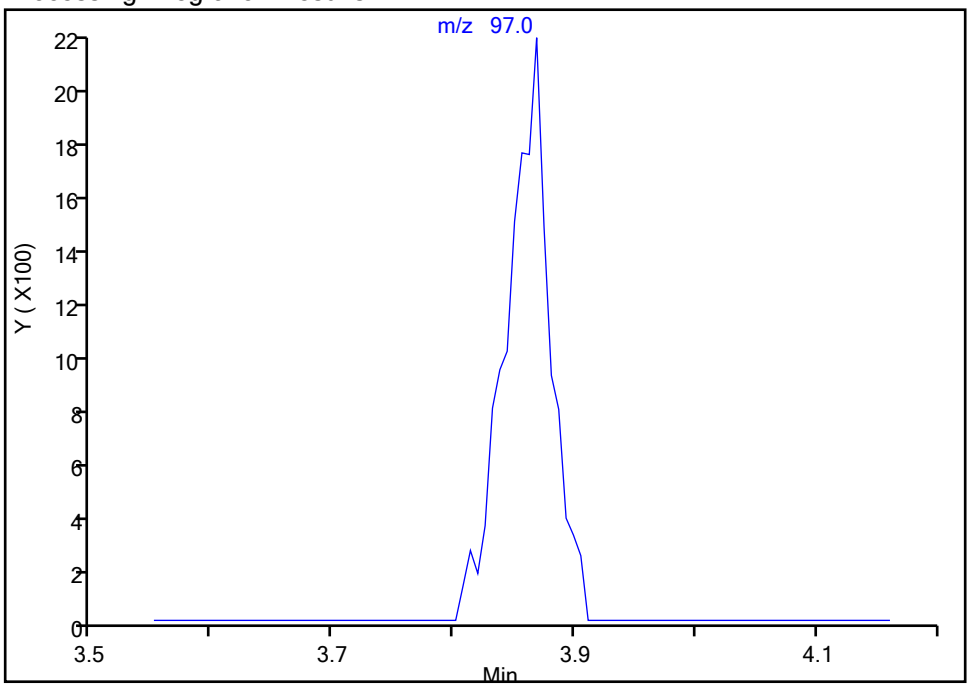
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

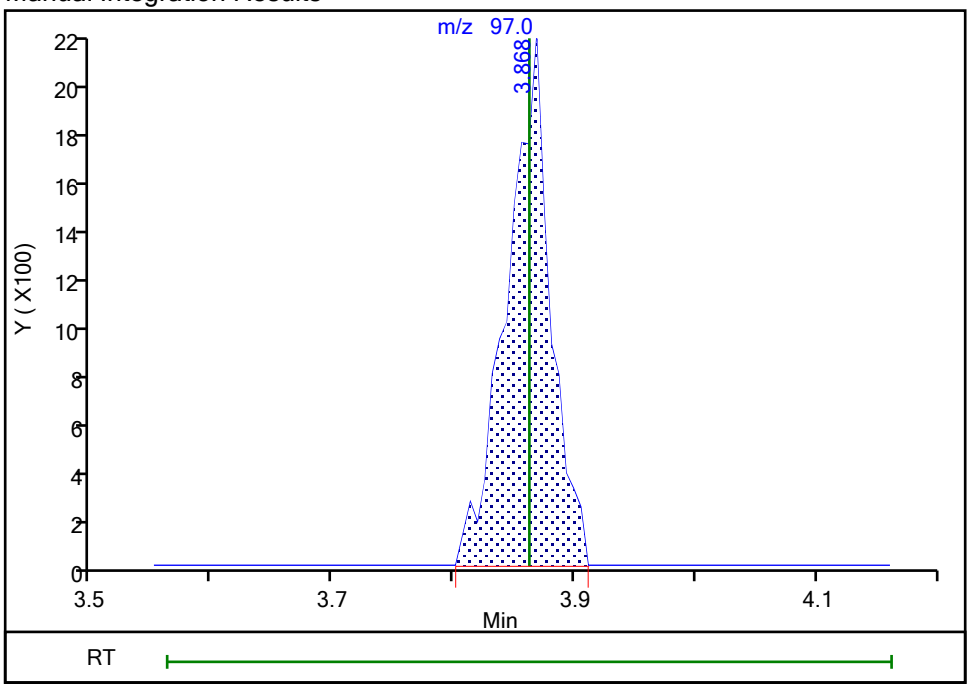
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.87
Area: 5417
Amount: 4.969328
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:38:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

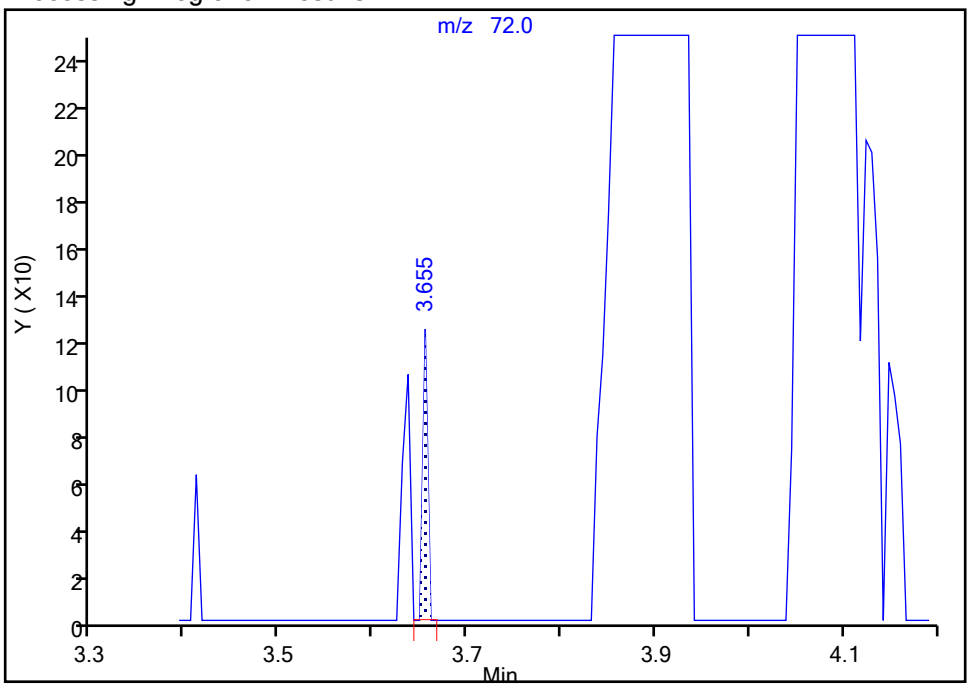
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

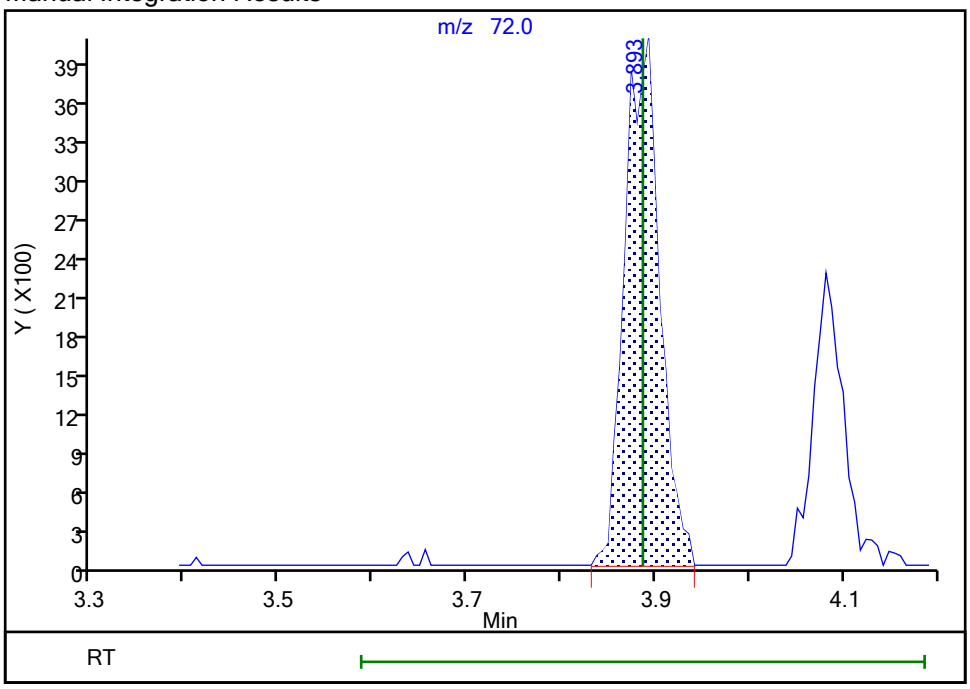
Processing Integration Results

RT: 3.65
Area: 45
Amount: 0.140999
Amount Units: ug/l



Manual Integration Results

RT: 3.89
Area: 10594
Amount: 24.795886
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:39:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

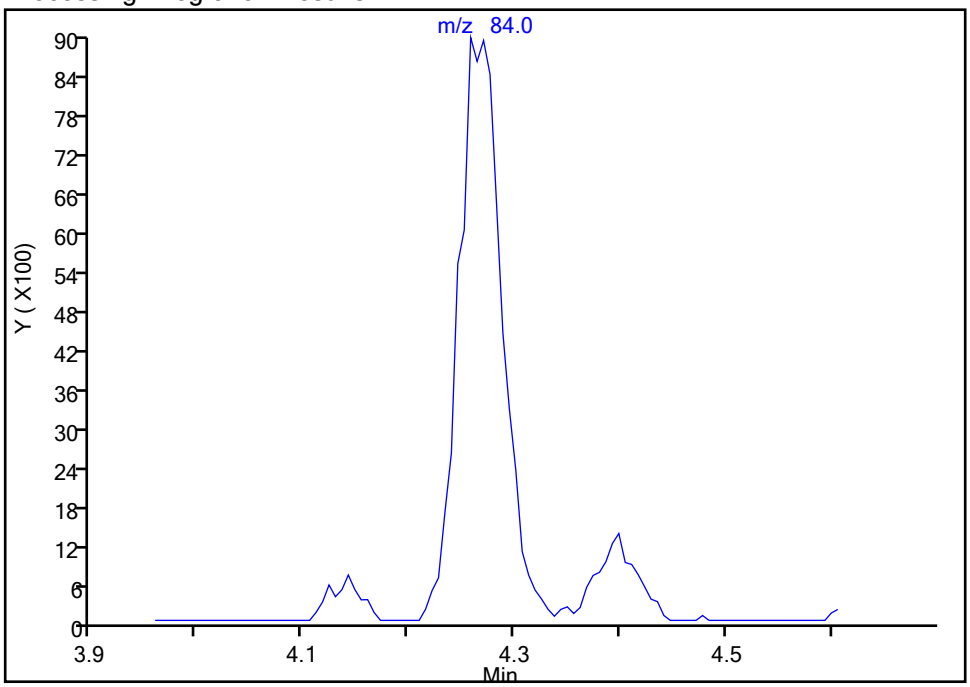
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

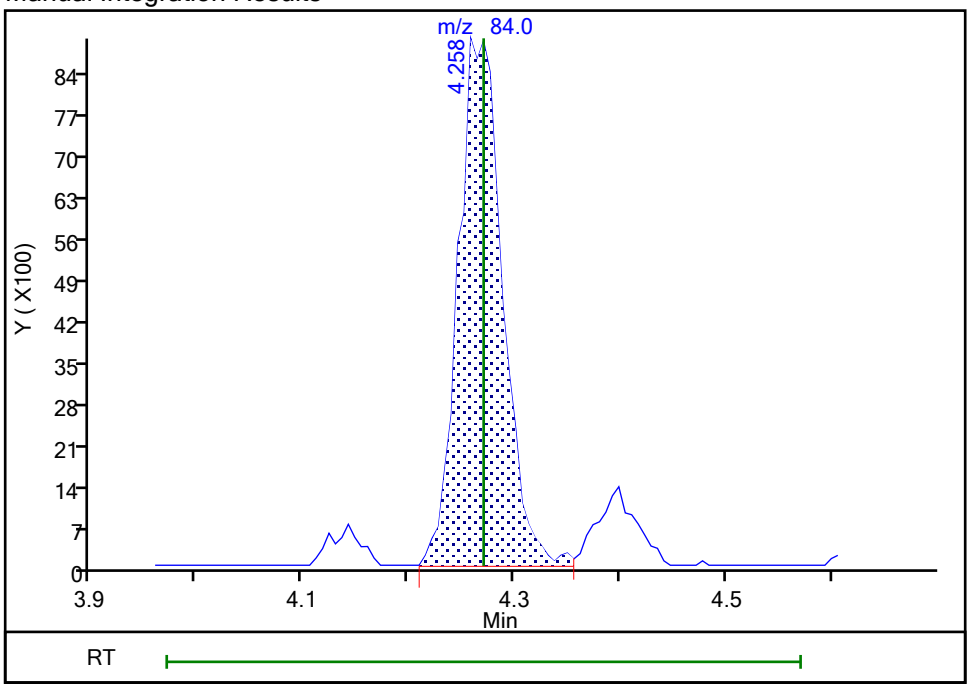
Not Detected
Expected RT: 4.27

Processing Integration Results



Manual Integration Results

RT: 4.26
Area: 26195
Amount: 5.359147
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:39:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

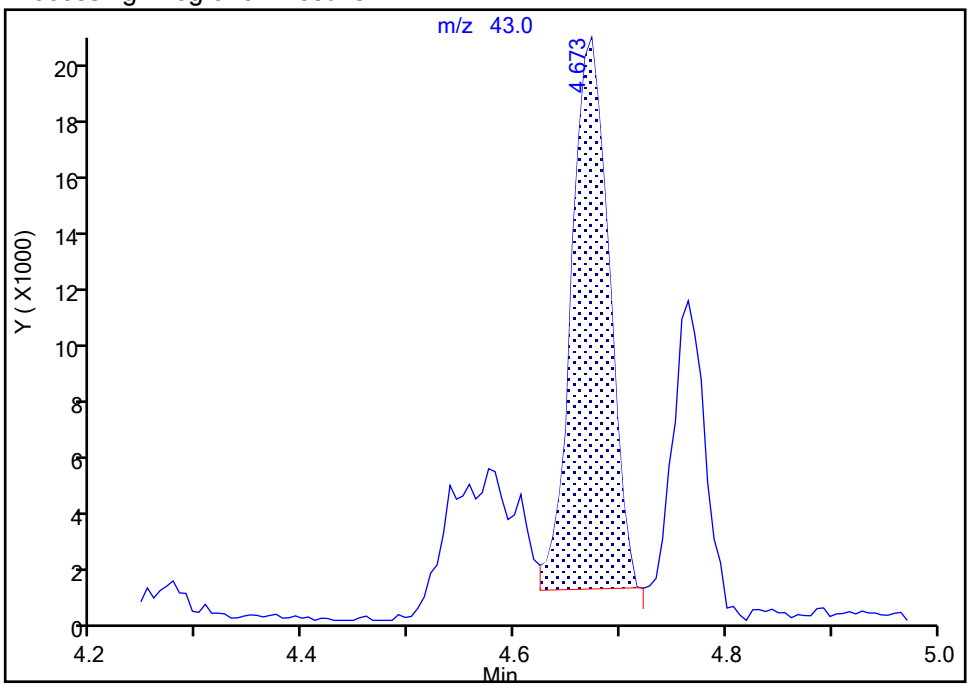
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

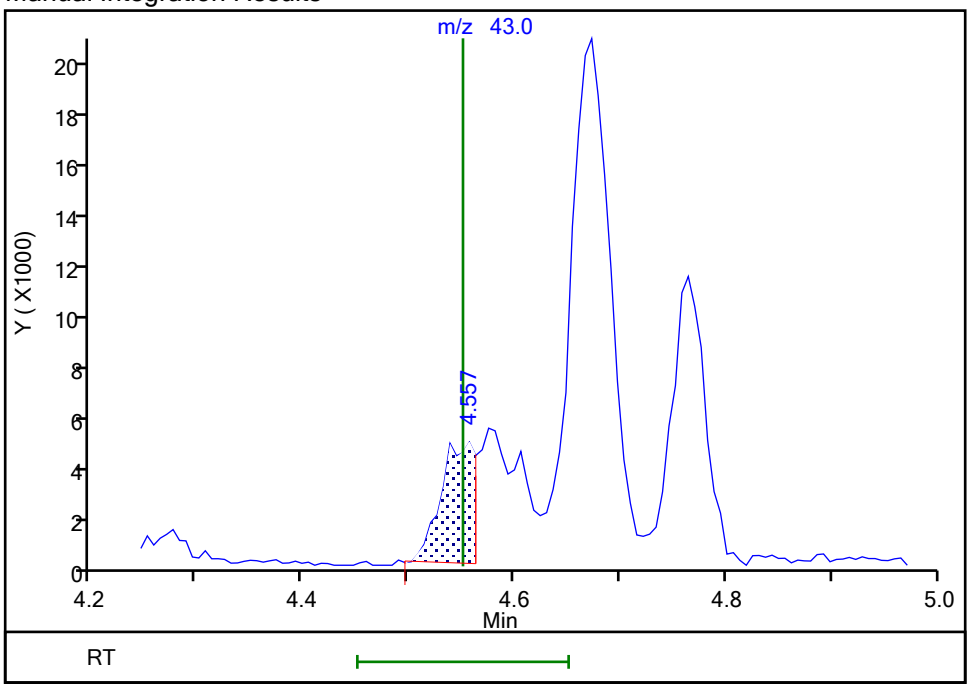
Processing Integration Results

RT: 4.67
Area: 47019
Amount: 120.6029
Amount Units: ug/l



Manual Integration Results

RT: 4.56
Area: 10579
Amount: 116.8039
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:35:07 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Eurofins Edison

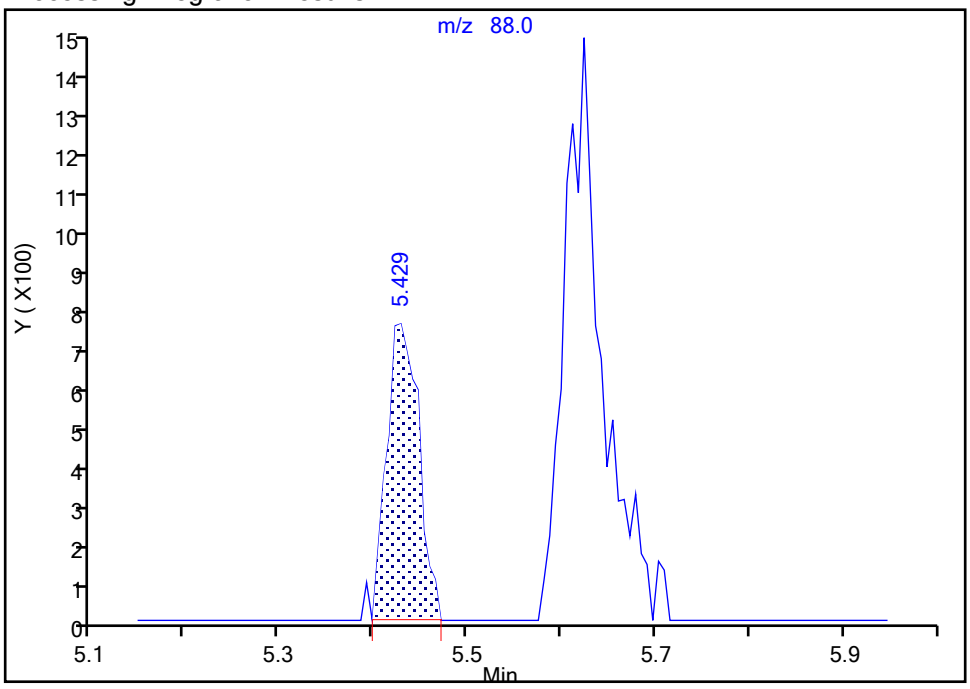
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

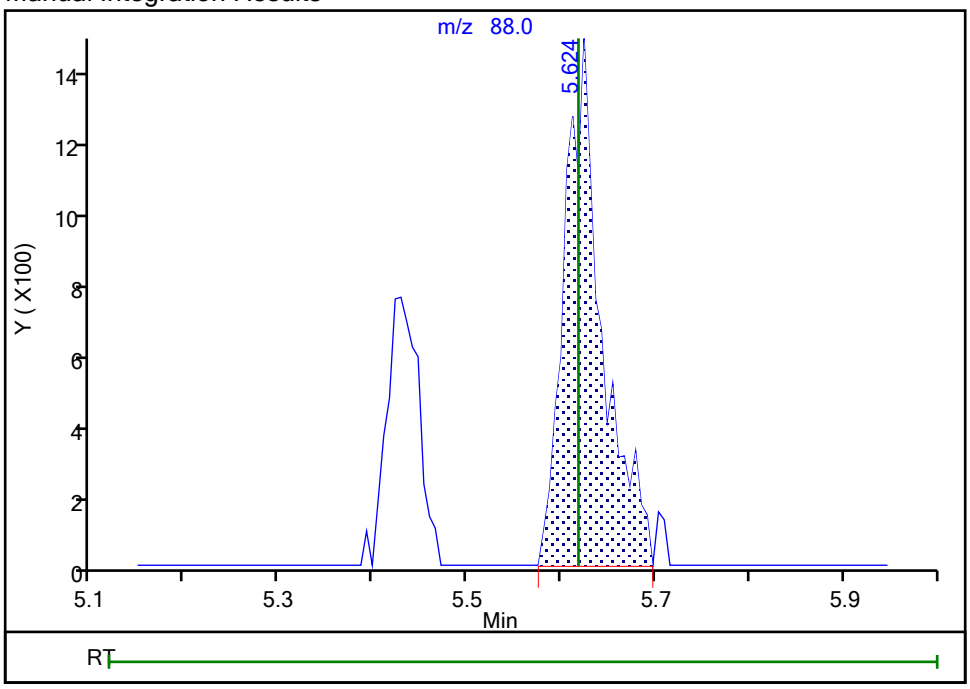
Processing Integration Results

RT: 5.43
Area: 1745
Amount: 101.5721
Amount Units: ug/l



Manual Integration Results

RT: 5.62
Area: 4008
Amount: 101.3031
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:40:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

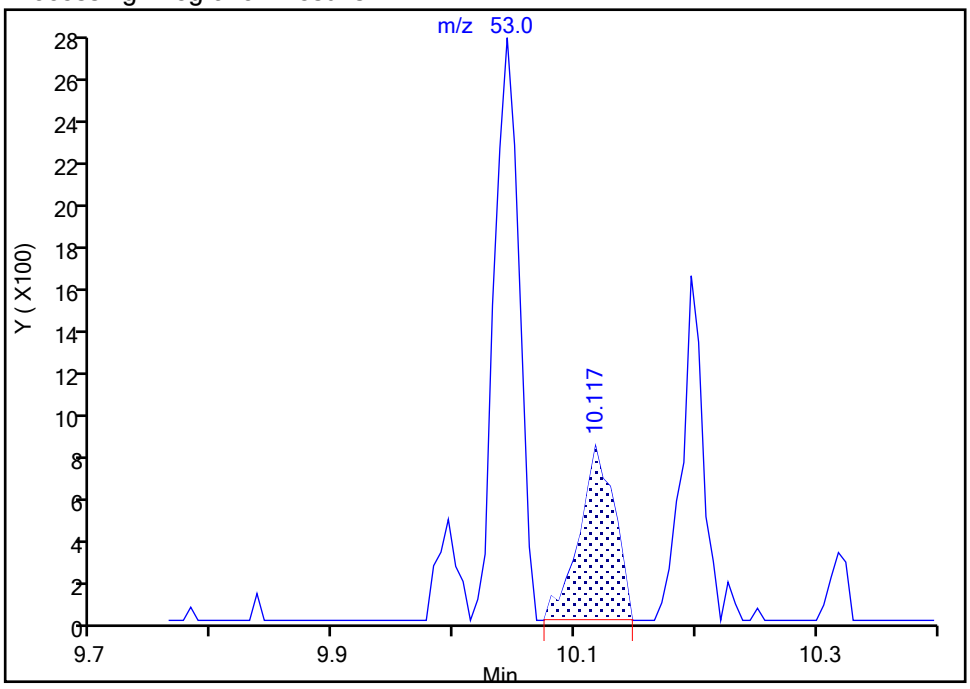
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

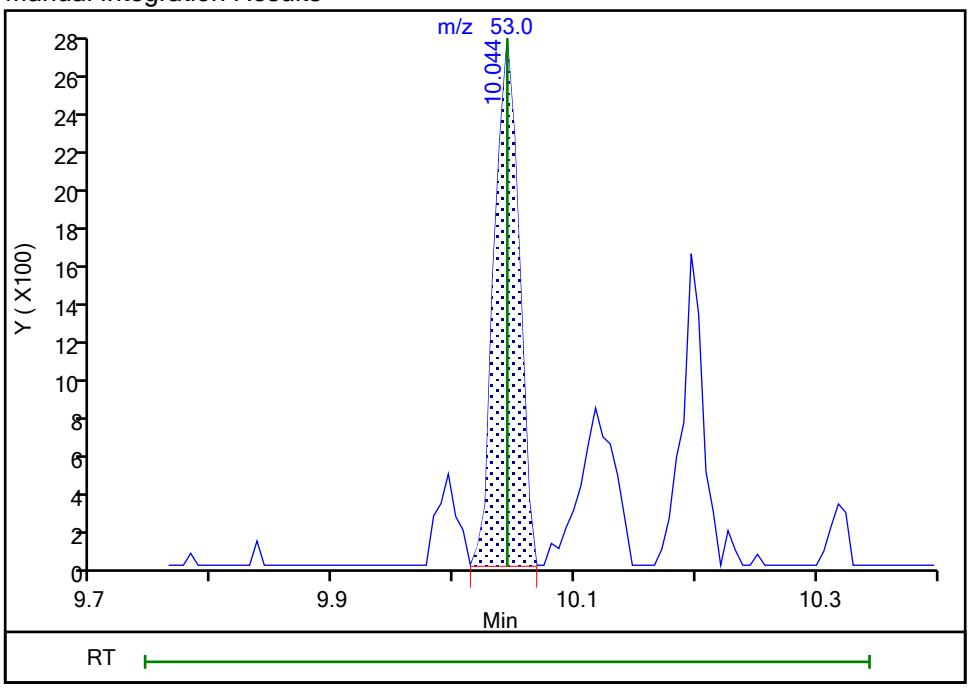
Processing Integration Results

RT: 10.12
Area: 1662
Amount: 2.659807
Amount Units: ug/l



Manual Integration Results

RT: 10.04
Area: 3923
Amount: 4.091967
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:40:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

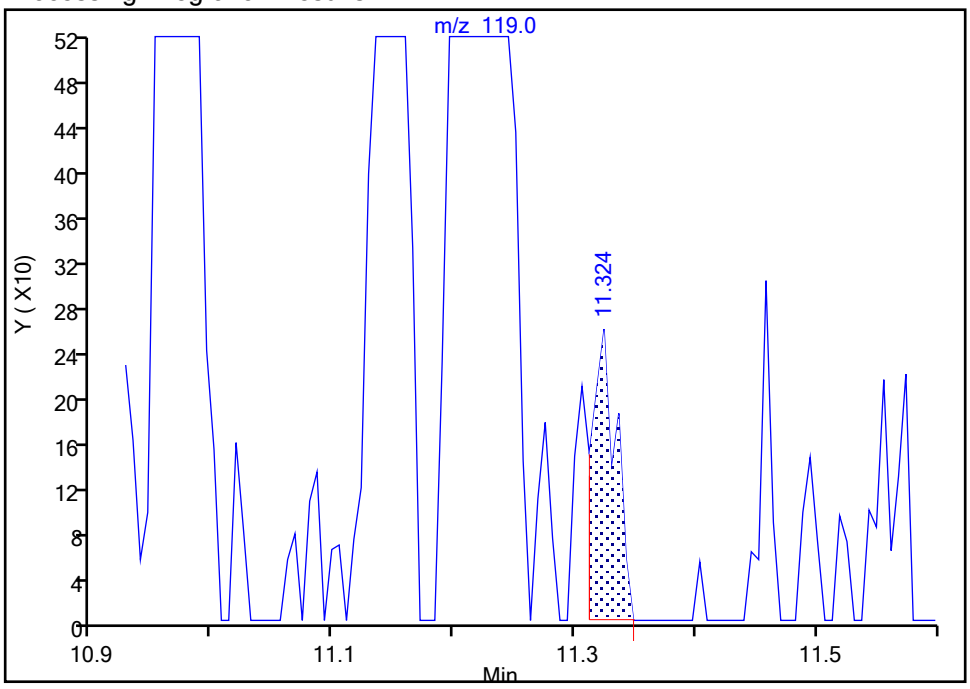
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

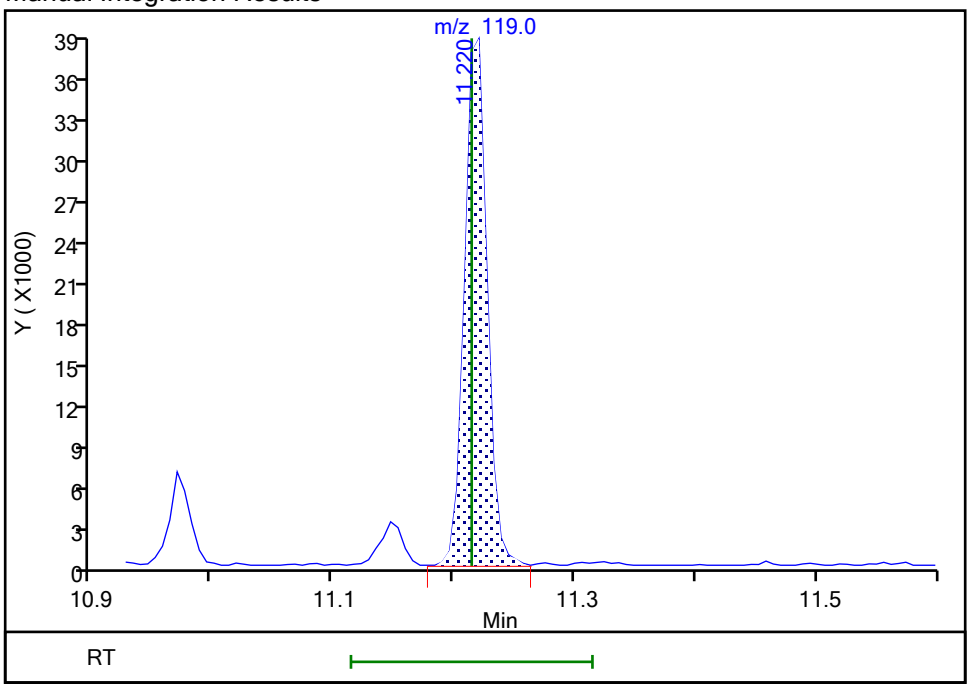
Processing Integration Results

RT: 11.32
Area: 360
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 11.22
Area: 49589
Amount: 5.266029
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:40:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:12:05 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 30-Aug-2024 09:25:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0180260-007
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:12:04 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:59:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.235	0.000	44	1170	20.0	22.4	a
3 Chlorotrifluoroethene	116	1.314	1.314	0.000	51	19442	20.0	27.1	a
2 1,1-Difluoroethane	65	1.320	1.320	0.000	99	37121	20.0	19.5	
4 Dichlorodifluoromethane	85	1.338	1.338	0.000	64	90798	20.0	20.1	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	96	13027	20.0	23.9	a
6 Chloromethane	50	1.491	1.491	0.000	99	112662	20.0	20.8	
7 Vinyl chloride	62	1.558	1.558	0.000	97	93409	20.0	19.7	
8 Butadiene	54	1.570	1.570	0.000	96	91514	20.0	20.5	
9 Bromomethane	94	1.820	1.820	0.000	99	69906	20.0	20.9	
10 Chloroethane	64	1.881	1.881	0.000	99	56795	20.0	18.2	
11 Dichlorofluoromethane	67	2.039	2.039	0.000	98	155424	20.0	19.5	
12 Trichlorofluoromethane	101	2.052	2.052	0.000	56	97371	20.0	20.3	
13 Pentane	72	2.070	2.070	0.000	97	12371	40.0	22.0	
14 Ethanol	46	2.234	2.234	0.000	75	14031	800.0	746.2	
15 Ethyl ether	74	2.234	2.234	0.000	95	45741	20.0	19.7	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	96	46358	20.0	14.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	90	64690	20.0	21.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	94	106189	20.0	19.9	
19 Acrolein	56	2.387	2.387	0.000	97	27263	40.0	42.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.411	0.000	83	39322	20.0	13.5	
21 1,1-Dichloroethene	96	2.436	2.436	0.000	98	53707	20.0	15.1	
22 Acetone	43	2.497	2.497	0.000	87	98299	100.0	83.5	
23 Iodomethane	142	2.570	2.570	0.000	96	112682	20.0	18.5	
25 Isopropyl alcohol	45	2.588	2.588	0.000	31	32866	200.0	173.8	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	208546	20.0	16.4	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	92	42210	20.0	17.5	
27 Methyl acetate	43	2.722	2.722	0.000	98	116061	40.0	38.9	
28 Cyclopentene	67	2.734	2.734	0.000	92	113930	20.0	15.3	
29 Acetonitrile	41	2.771	2.771	0.000	95	107930	200.0	211.9	a
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	46509	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	94	81396	20.0	18.5	
32 2-Methyl-2-propanol	59	2.887	2.887	0.000	92	56492	200.0	186.7	
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	98	214874	20.0	19.6	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	96	68954	20.0	18.1	
35 Acrylonitrile	53	3.070	3.070	0.000	95	296415	200.0	200.9	
36 Hexane	57	3.155	3.155	0.000	94	58343	20.0	14.6	
37 Isopropyl ether	45	3.356	3.356	0.000	96	249997	20.0	19.0	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	100	131331	20.0	18.6	
39 Vinyl acetate	86	3.393	3.393	0.000	100	21364	40.0	37.8	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	55366	20.0	17.3	
41 Tert-butyl ethyl ether	59	3.649	3.649	0.000	89	237711	20.0	20.3	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	409216	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	46	20384	20.0	18.8	a
44 cis-1,2-Dichloroethene	96	3.868	3.868	0.000	95	78756	20.0	18.2	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	39252	100.0	91.3	
46 Ethyl acetate	70	3.887	3.887	0.000	94	14658	40.0	38.9	
47 Methyl acrylate	55	3.941	3.941	0.000	100	62688	20.0	19.9	
48 Propionitrile	54	4.009	4.009	0.000	98	105890	200.0	198.8	
50 Tetrahydrofuran	72	4.082	4.082	0.000	56	18717	40.0	36.3	
49 Chlorobromomethane	128	4.088	4.088	0.000	87	39394	20.0	18.7	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	310440	200.0	208.3	
52 Chloroform	83	4.143	4.143	0.000	99	119706	20.0	19.0	
53 Cyclohexane	84	4.271	4.271	0.000	93	71026	20.0	14.6	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	78	81308	20.0	17.5	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	181765	50.0	50.0	
56 Carbon tetrachloride	117	4.393	4.393	0.000	97	51314	20.0	16.7	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	85126	20.0	17.8	
58 Isobutyl alcohol	43	4.551	4.551	0.000	89	59457	500.0	587.9	a
59 Isooctane	57	4.582	4.582	0.000	96	163531	20.0	14.6	
60 Benzene	78	4.612	4.612	0.000	96	281551	20.0	18.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	209757	50.0	48.8	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	85	225670	20.0	19.0	
63 Isopropyl acetate	61	4.673	4.673	0.000	92	38158	20.0	19.5	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	95	92940	20.0	19.0	
65 n-Heptane	100	4.771	4.771	0.000	95	10281	20.0	15.5	
* 66 Fluorobenzene	96	4.886	4.886	0.000	99	750665	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	88	30234	500.0	446.8	
68 Trichloroethene	95	5.228	5.228	0.000	98	65984	20.0	18.5	
69 Methylcyclohexane	83	5.356	5.356	0.000	74	82214	20.0	14.8	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	7693	20.0	13.1	a
71 1,2-Dichloropropane	63	5.508	5.508	0.000	94	78711	20.0	19.8	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	34687	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	33958	40.0	40.6	
75 1,4-Dioxane	88	5.618	5.618	0.000	87	14292	400.0	379.2	
74 Dibromomethane	93	5.630	5.630	0.000	95	44051	20.0	19.2	
76 n-Propyl acetate	43	5.648	5.648	0.000	100	94713	20.0	18.4	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	75848	20.0	18.4	
78 2-Nitropropane	41	6.112	6.112	0.000	76	17241	40.0	35.9	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	46237	20.0	18.7	
80 Epichlorohydrin	57	6.222	6.222	0.000	99	135521	400.0	390.4	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	107960	20.0	19.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	141420	100.0	98.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	708732	50.0	49.6	
84 Toluene	91	6.587	6.587	0.000	93	285919	20.0	17.1	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	95	92220	20.0	19.3	
86 Ethyl methacrylate	69	6.977	6.977	0.000	91	80867	20.0	16.3	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	53882	20.0	19.6	
88 Tetrachloroethene	166	7.185	7.185	0.000	97	63942	20.0	18.2	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	108095	20.0	19.6	
90 2-Hexanone	43	7.423	7.423	0.000	97	235893	100.0	103.2	
91 n-Butyl acetate	43	7.544	7.544	0.000	98	95962	20.0	19.1	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	47553	20.0	18.2	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	59584	20.0	19.3	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	533106	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	186358	20.0	19.2	
96 Ethylbenzene	106	8.410	8.410	0.000	99	99148	20.0	18.9	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	92	48055	20.0	17.0	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	121807	20.0	19.3	
99 o-Xylene	106	9.087	9.087	0.000	94	126998	20.0	19.8	
100 n-Butyl acrylate	73	9.087	9.087	0.000	96	43763	20.0	20.5	
101 Styrene	104	9.123	9.123	0.000	95	204083	20.0	20.1	
102 Bromoform	173	9.367	9.367	0.000	96	27602	20.0	18.5	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	91	109884	20.0	14.2	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	274104	20.0	18.8	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	94	223148	50.0	49.8	
106 Bromobenzene	156	9.898	9.898	0.000	98	81261	20.0	19.2	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	82414	20.0	20.1	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	361817	20.0	18.8	
109 1,2,3-Trichloropropane	110	10.013	10.013	0.000	97	23342	20.0	20.0	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	82	16928	20.0	17.9	a
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	256171	20.0	19.0	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	310997	20.0	19.3	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	256000	20.0	19.2	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	255786	20.0	19.7	
115 Butyl Methacrylate	87	10.324	10.324	0.000	92	65832	20.0	12.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	205306	20.0	18.3	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	270226	20.0	19.5	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	314892	20.0	18.5	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	158427	20.0	19.1	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	282371	20.0	19.4	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	297836	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	97	160218	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	295403	20.0	19.6	
124 Benzyl chloride	91	11.086	11.086	0.000	98	115528	20.0	19.8	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	94	290937	20.0	20.3	
126 p-Diethylbenzene	119	11.214	11.214	0.000	93	182074	20.0	19.6	a
127 n-Butylbenzene	92	11.239	11.239	0.000	98	152024	20.0	19.1	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	162977	20.0	20.0	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	290271	20.0	20.0	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	91	9829	20.0	16.8	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	135169	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	93	127533	20.0	20.5	
133 Hexachlorobutadiene	225	12.671	12.671	0.000	98	59875	20.0	18.7	
134 Naphthalene	128	12.775	12.775	0.000	99	299067	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	124400	20.0	19.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.3	
S 137 Xylenes, Total	100				0		40.0	39.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.4	
S 140 Total BTEX	1				0		100.0	93.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	20.00	Units: uL	
GASES Li_00600	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:12:05 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D

Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17

Lims ID: STD20

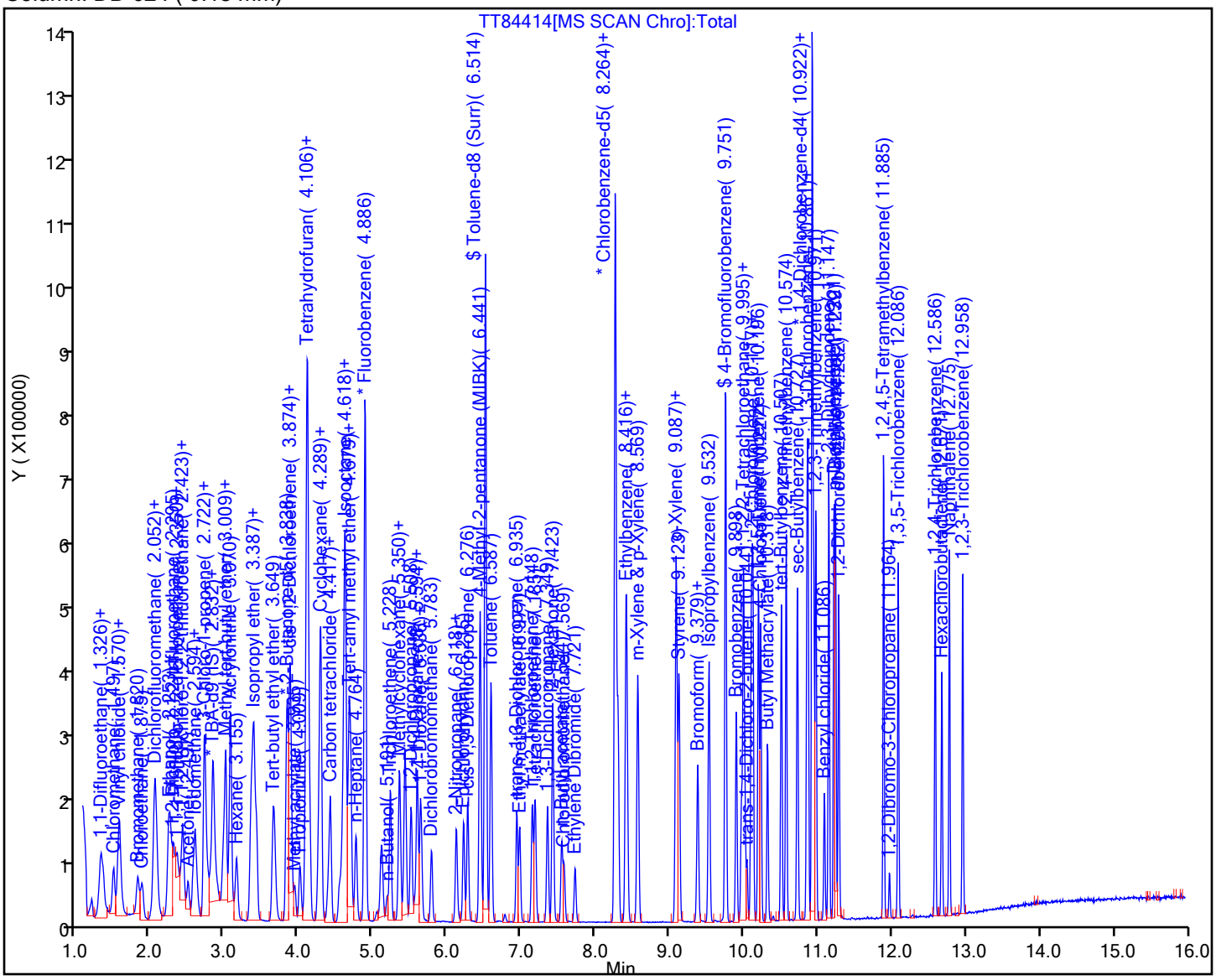
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

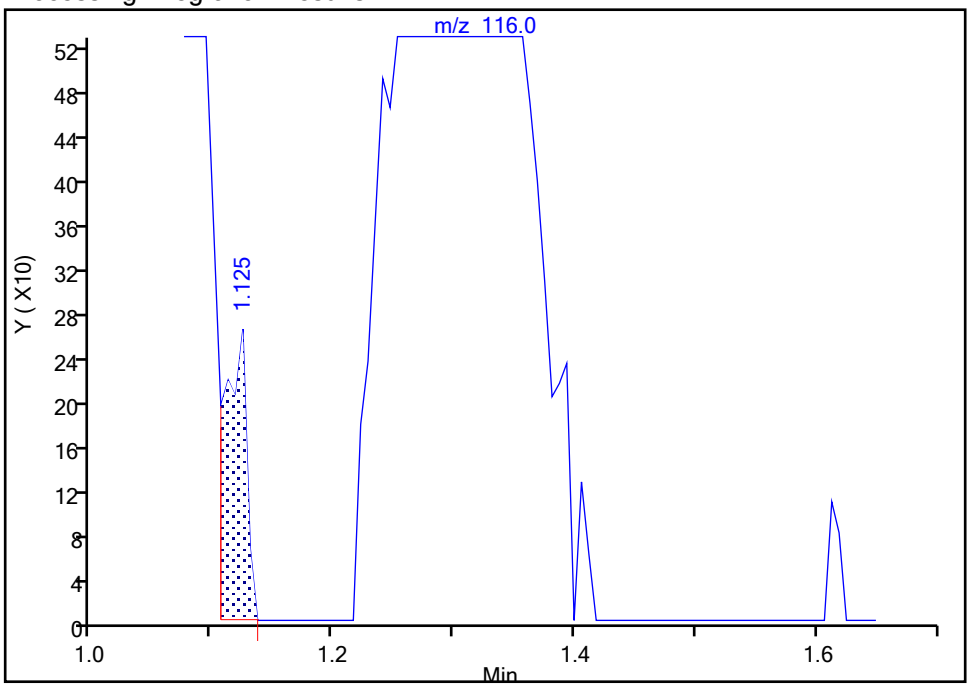
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

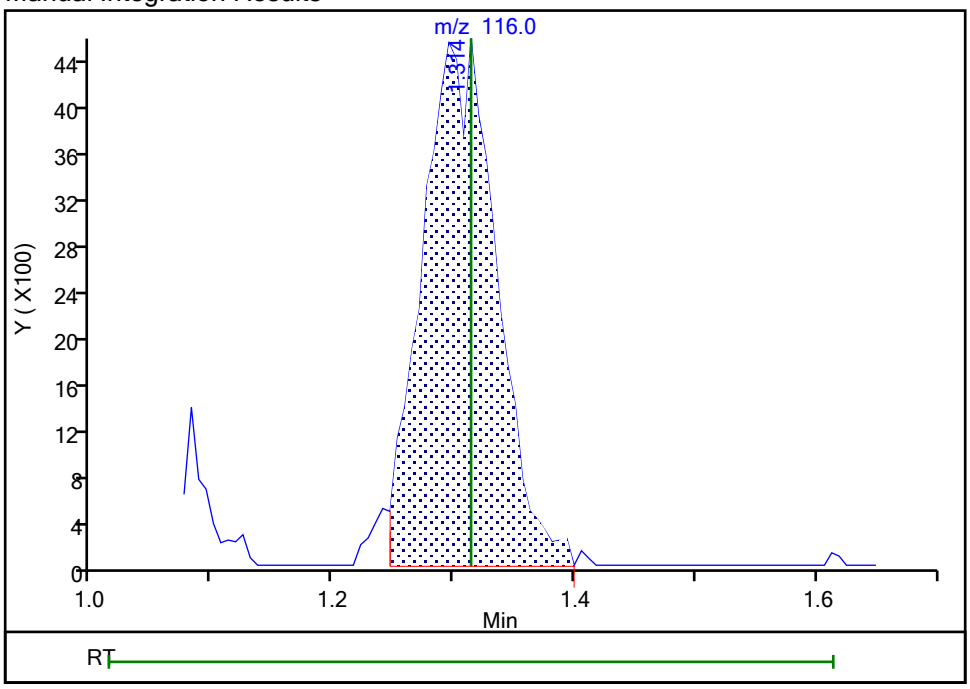
Processing Integration Results

RT: 1.12
Area: 344
Amount: 0.906463
Amount Units: ug/l



Manual Integration Results

RT: 1.31
Area: 19442
Amount: 27.125825
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

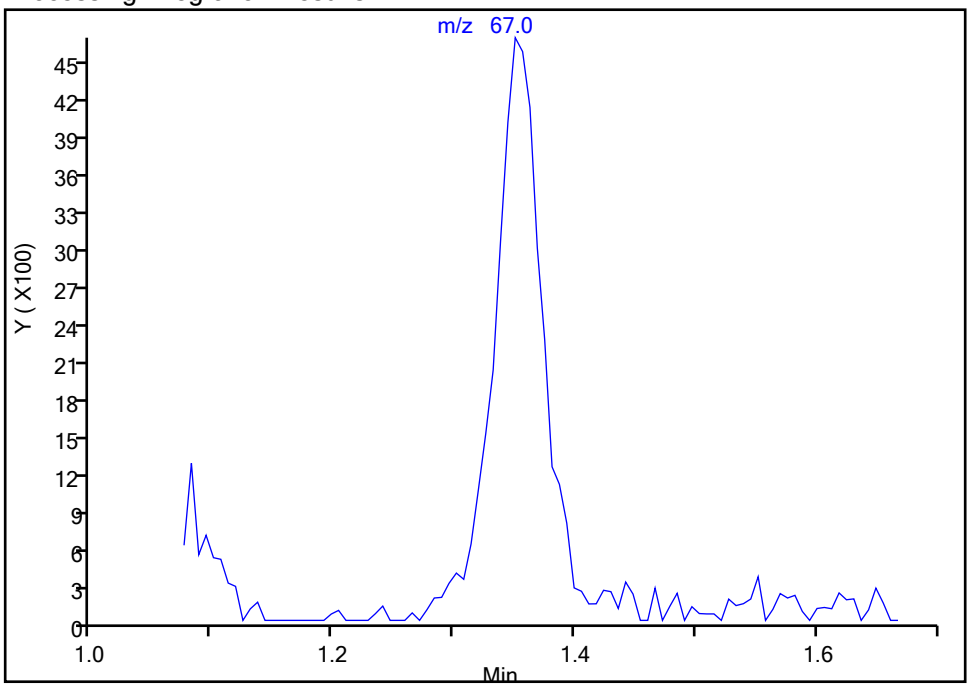
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

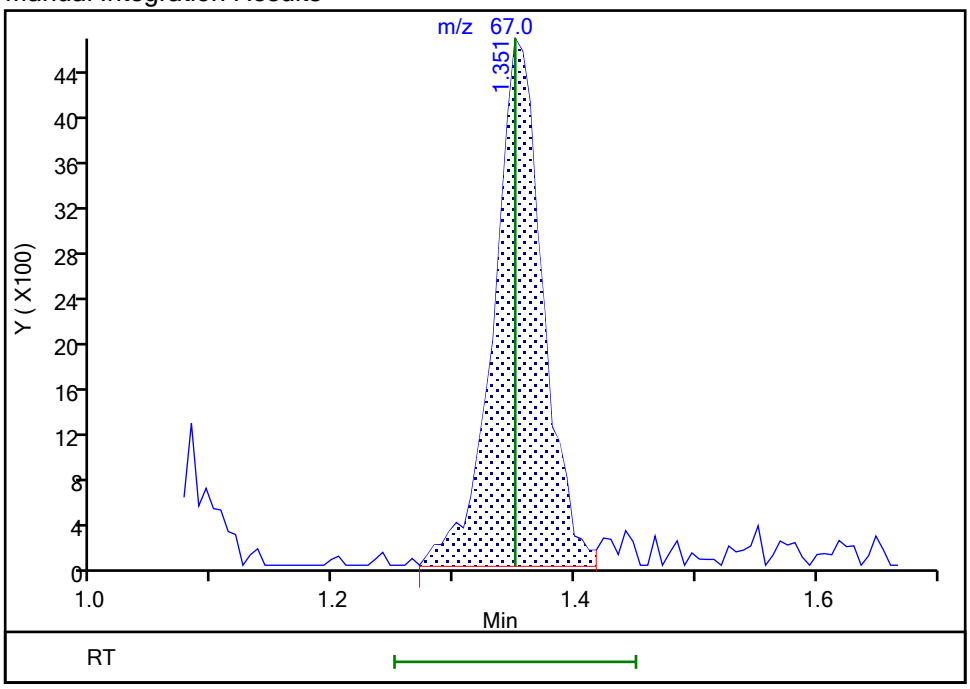
Not Detected
Expected RT: 1.35

Processing Integration Results



Manual Integration Results

RT: 1.35
Area: 13027
Amount: 23.870588
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

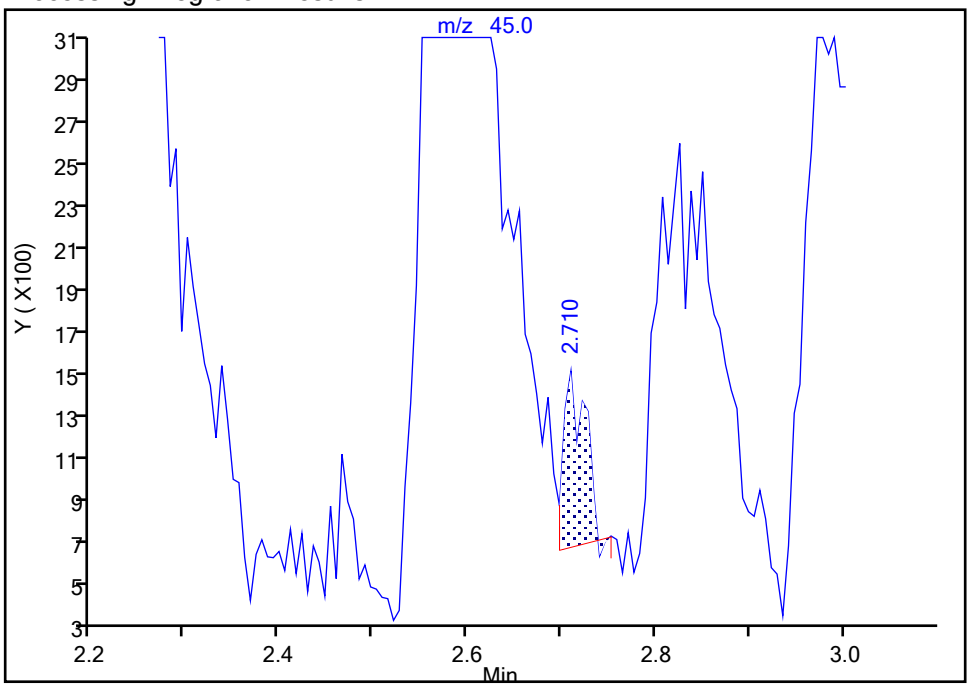
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

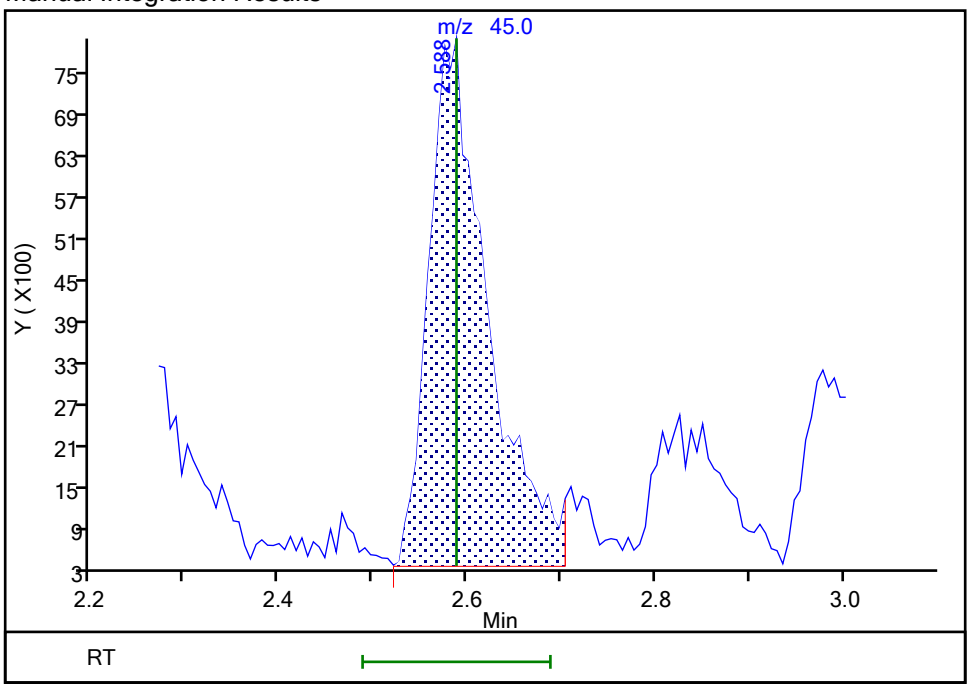
Processing Integration Results

RT: 2.71
Area: 1258
Amount: 1.318238
Amount Units: ug/l



Manual Integration Results

RT: 2.59
Area: 32866
Amount: 173.7615
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

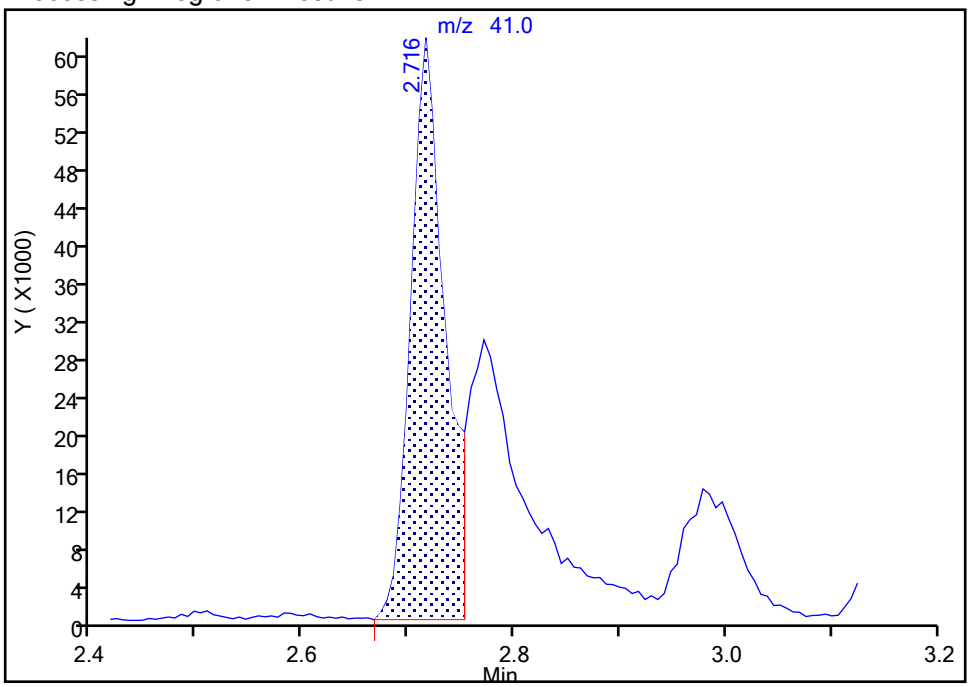
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

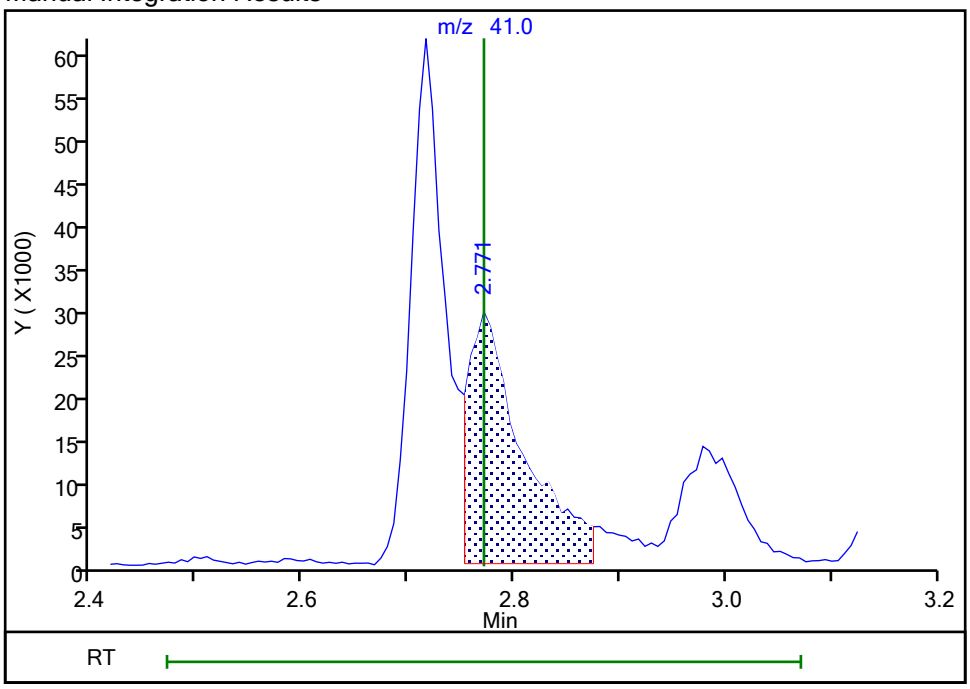
Processing Integration Results

RT: 2.72
Area: 138724
Amount: 213.4372
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 107930
Amount: 211.8852
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

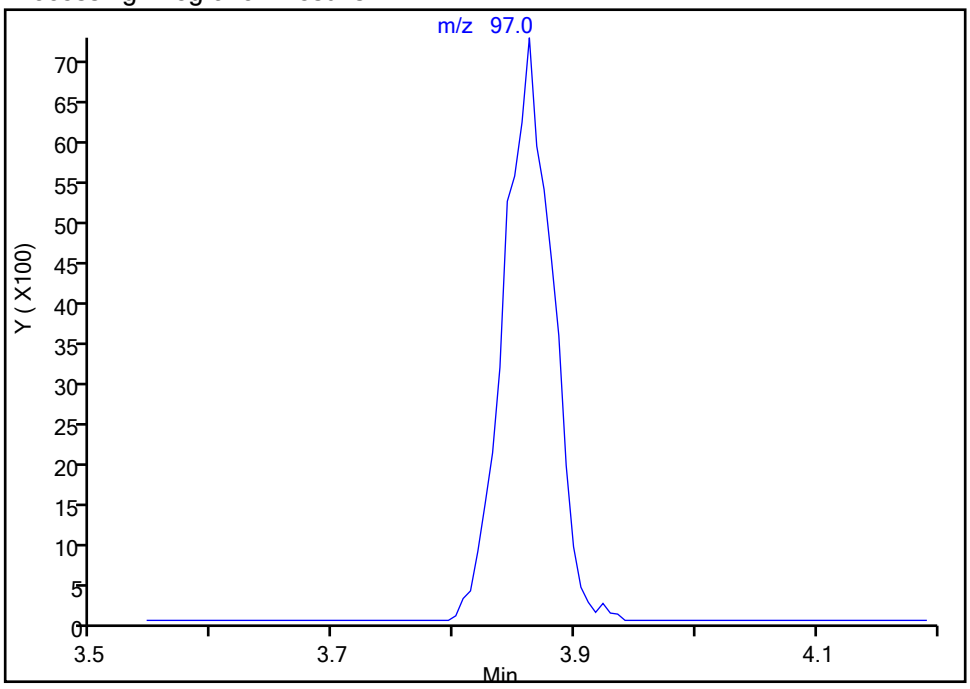
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

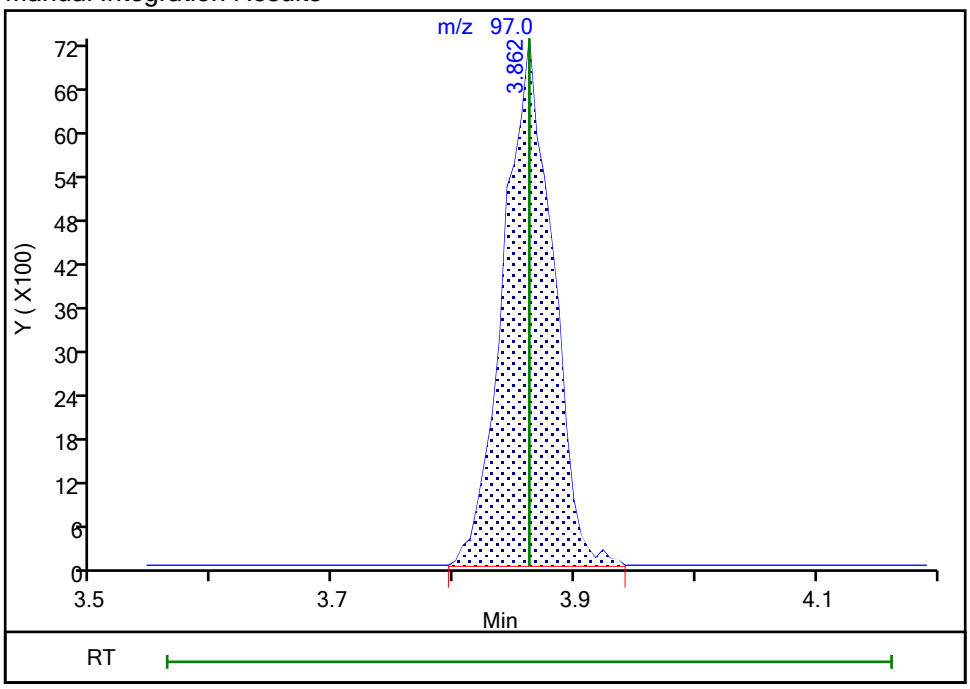
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.86
Area: 20384
Amount: 18.766982
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:59:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

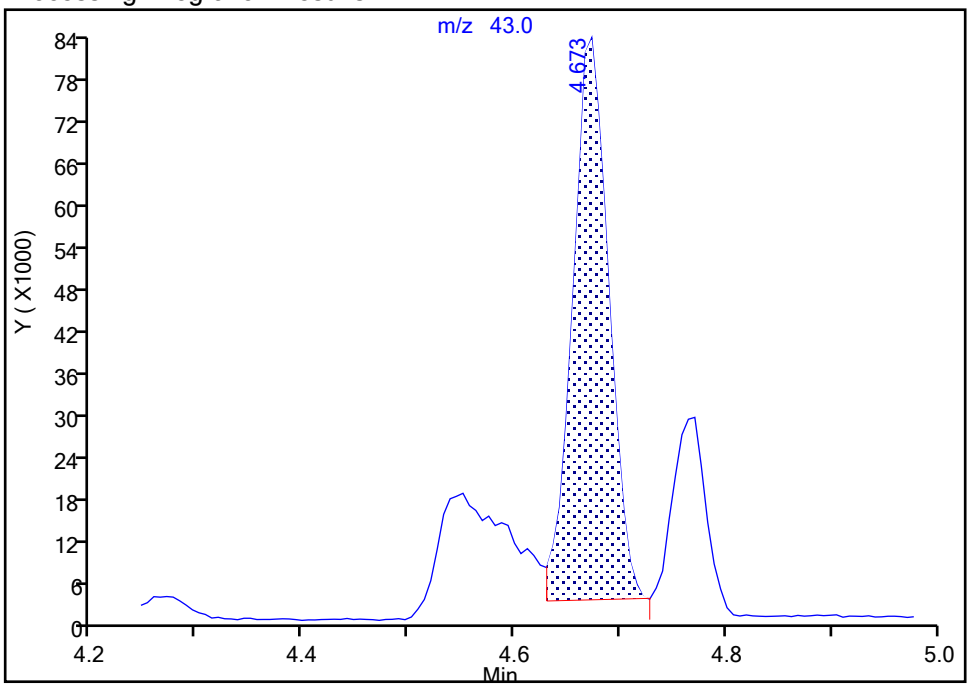
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

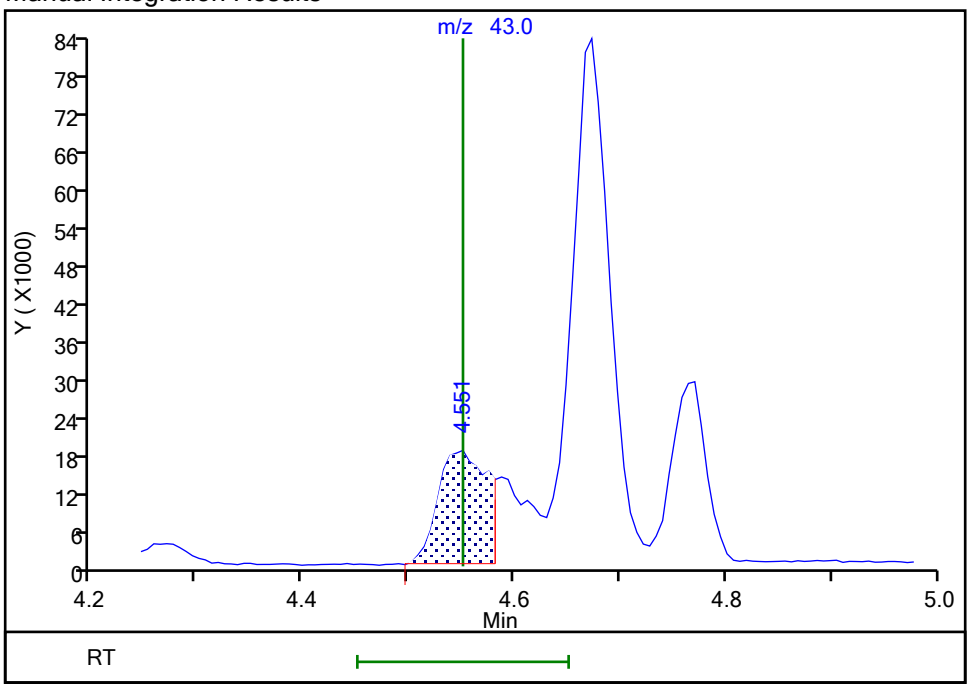
Processing Integration Results

RT: 4.67
Area: 190670
Amount: 500.1880
Amount Units: ug/l



Manual Integration Results

RT: 4.55
Area: 59457
Amount: 587.9431
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:59:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

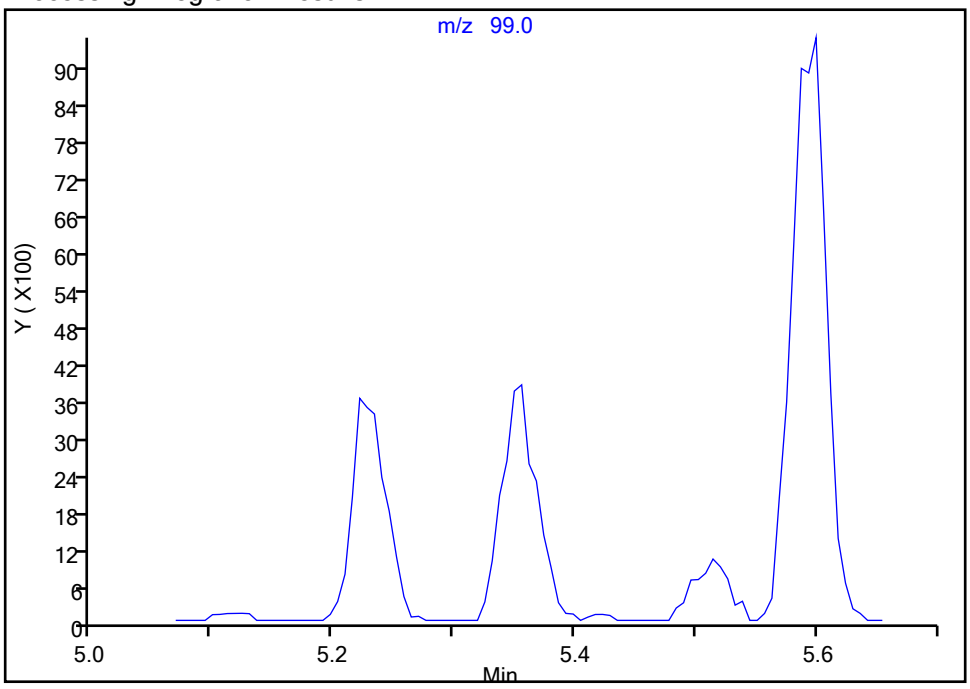
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

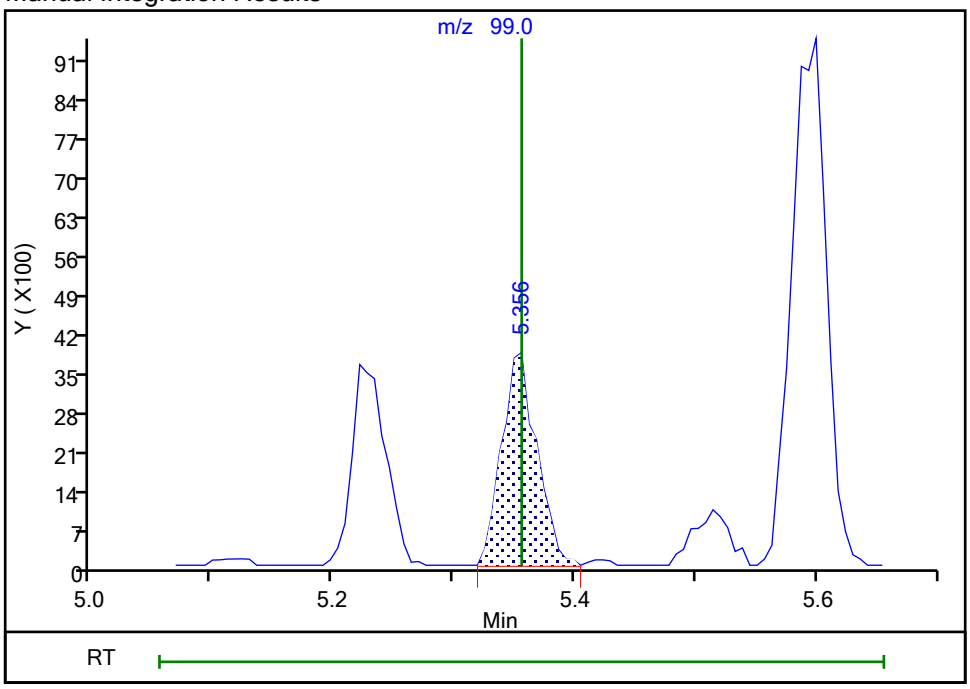
Not Detected
Expected RT: 5.36

Processing Integration Results



Manual Integration Results

RT: 5.36
Area: 7693
Amount: 13.123373
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:57:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

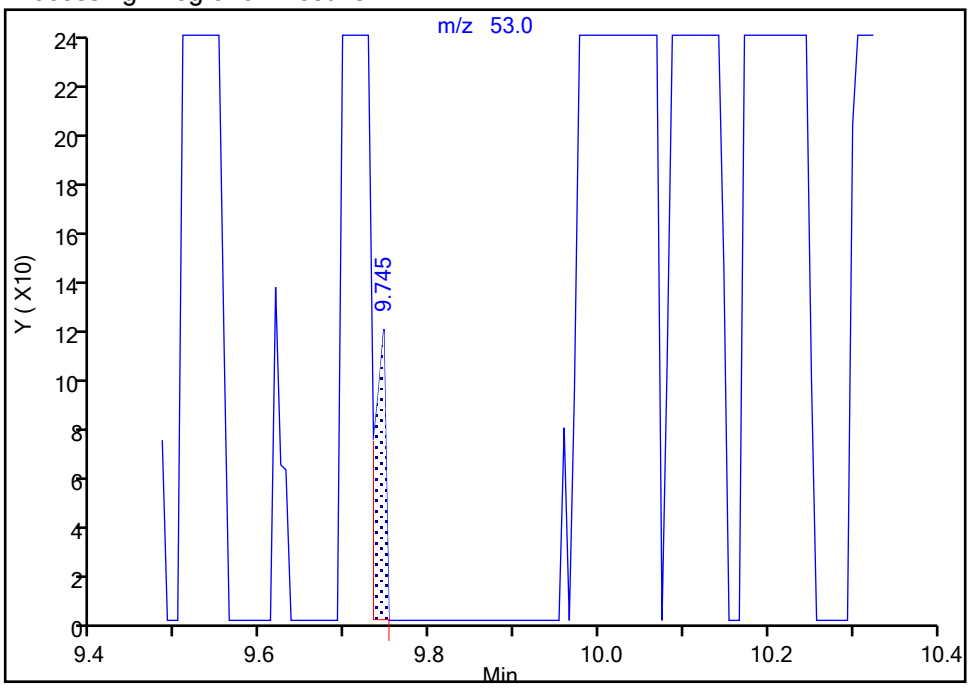
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

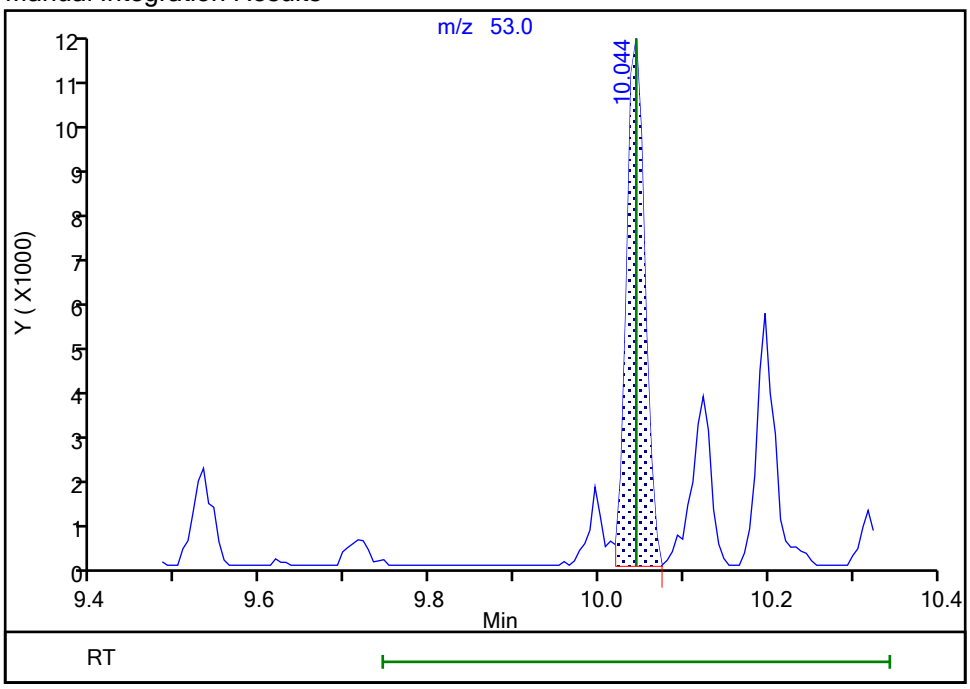
Processing Integration Results

RT: 9.75
Area: 104
Amount: 0.174153
Amount Units: ug/l



Manual Integration Results

RT: 10.04
Area: 16928
Amount: 17.889084
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

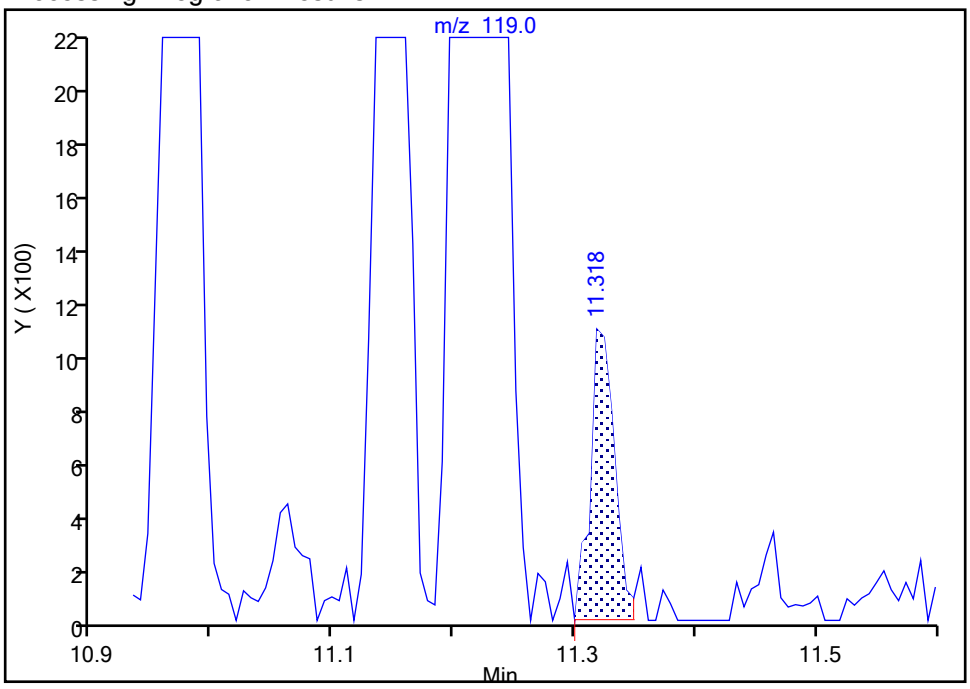
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

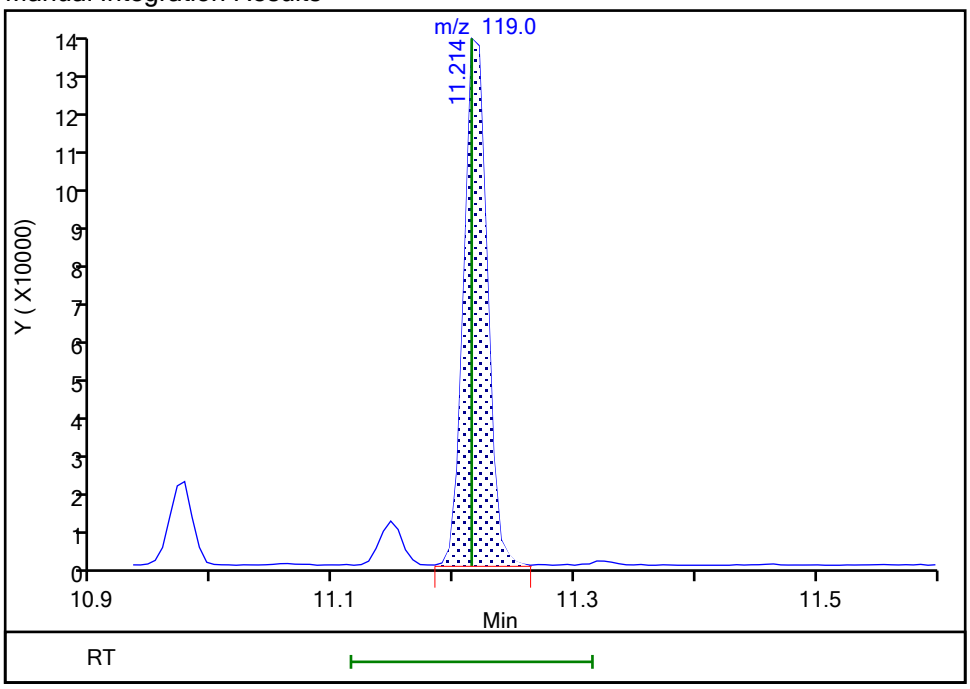
Processing Integration Results

RT: 11.32
Area: 1519
Amount: 0.219427
Amount Units: ug/l



Manual Integration Results

RT: 11.21
Area: 182074
Amount: 19.589099
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:12:28 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84415.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 30-Aug-2024 09:45:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0180260-008
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:12:28 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 10:29:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.229	1.235	-0.006	71	4253	50.0	69.5	
3 Chlorotrifluoroethene	116	1.296	1.314	-0.018	83	53801	50.0	71.8	a
2 1,1-Difluoroethane	65	1.314	1.320	-0.006	92	98599	50.0	51.2	a
4 Dichlorodifluoromethane	85	1.345	1.338	0.007	67	207020	50.0	45.3	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	96	34831	50.0	62.2	
6 Chloromethane	50	1.491	1.491	0.000	98	282674	50.0	51.6	
7 Vinyl chloride	62	1.564	1.558	0.006	97	228967	50.0	47.6	
8 Butadiene	54	1.570	1.570	0.000	97	216587	50.0	48.0	
9 Bromomethane	94	1.820	1.820	0.000	99	172000	50.0	50.7	
10 Chloroethane	64	1.881	1.881	0.000	100	141736	50.0	44.7	
11 Dichlorofluoromethane	67	2.040	2.039	0.001	99	395205	50.0	48.8	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	50	233053	50.0	47.9	
13 Pentane	72	2.064	2.070	-0.006	97	60290	100.0	109.2	
14 Ethanol	46	2.229	2.234	-0.006	78	35649	2000.0	1879.4	
15 Ethyl ether	74	2.229	2.234	-0.006	94	121906	50.0	53.2	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	96	172034	50.0	54.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	90	169711	50.0	55.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	92	274264	50.0	50.7	
19 Acrolein	56	2.393	2.387	0.006	95	64502	100.0	98.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.411	0.000	94	162278	50.0	55.0	
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	96	172977	50.0	48.1	
22 Acetone	43	2.503	2.497	0.006	86	290517	250.0	237.2	
23 Iodomethane	142	2.570	2.570	0.000	97	326506	50.0	52.8	
25 Isopropyl alcohol	45	2.582	2.588	-0.006	31	101890	500.0	482.2	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	668760	50.0	52.1	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	97	126041	50.0	51.6	
27 Methyl acetate	43	2.722	2.722	0.000	100	310991	100.0	102.9	
28 Cyclopentene	67	2.735	2.734	0.000	94	406899	50.0	53.9	
29 Acetonitrile	41	2.771	2.771	0.000	95	314535	500.0	593.2	
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	51962	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	95	217627	50.0	48.9	
32 2-Methyl-2-propanol	59	2.893	2.887	0.006	95	180527	500.0	534.1	
33 Methyl tert-butyl ether	73	2.991	2.984	0.007	98	563175	50.0	50.8	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	97	199528	50.0	51.6	
35 Acrylonitrile	53	3.070	3.070	0.000	95	784684	500.0	524.9	
36 Hexane	57	3.155	3.155	0.000	94	262399	50.0	64.9	
37 Isopropyl ether	45	3.356	3.356	0.000	95	680621	50.0	51.0	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	368161	50.0	51.4	
39 Vinyl acetate	86	3.393	3.393	0.000	100	61212	100.0	104.1	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	170832	50.0	52.7	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	89	621479	50.0	52.3	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	425965	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	94	59779	50.0	54.3	
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	94	220273	50.0	50.4	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	107537	250.0	240.4	
46 Ethyl acetate	70	3.893	3.887	0.006	95	39794	100.0	101.5	
47 Methyl acrylate	55	3.942	3.941	0.001	99	172034	50.0	53.8	
48 Propionitrile	54	4.009	4.009	0.000	98	283613	500.0	476.5	
50 Tetrahydrofuran	72	4.082	4.082	0.000	59	50643	100.0	94.3	
49 Chlorobromomethane	128	4.088	4.088	0.000	92	107921	50.0	50.5	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	827560	500.0	548.1	
52 Chloroform	83	4.143	4.143	0.000	99	327502	50.0	51.3	
53 Cyclohexane	84	4.271	4.271	0.000	93	274015	50.0	55.5	
54 1,1,1-Trichloroethane	97	4.277	4.283	-0.006	98	246535	50.0	52.4	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	185359	50.0	50.4	
56 Carbon tetrachloride	117	4.393	4.393	0.000	98	172948	50.0	55.7	
57 1,1-Dichloropropene	75	4.417	4.423	-0.006	97	258246	50.0	53.4	
58 Isobutyl alcohol	43	4.551	4.551	0.000	95	157092	1250.0	1390.4	
59 Isooctane	57	4.588	4.582	0.006	97	662562	50.0	58.3	
60 Benzene	78	4.612	4.612	0.000	97	789641	50.0	50.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	220651	50.0	50.7	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	91	659971	50.0	54.7	
63 Isopropyl acetate	61	4.673	4.673	0.000	94	105081	50.0	52.9	
64 1,2-Dichloroethane	62	4.698	4.697	0.001	96	247739	50.0	49.9	
65 n-Heptane	100	4.765	4.771	-0.006	94	43952	50.0	65.5	
* 66 Fluorobenzene	96	4.887	4.886	0.001	98	760583	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	90	95838	1250.0	1267.6	
68 Trichloroethene	95	5.228	5.228	0.000	99	192609	50.0	53.4	
69 Methylcyclohexane	83	5.356	5.356	0.000	78	306689	50.0	54.4	
70 Ethyl acrylate	99	5.356	5.356	0.000	96	27410	50.0	47.0	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	92	209351	50.0	51.9	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	38624	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	90	96525	100.0	113.8	
75 1,4-Dioxane	88	5.618	5.618	0.000	87	40830	1000.0	972.8	
74 Dibromomethane	93	5.636	5.630	0.006	96	116441	50.0	50.2	
76 n-Propyl acetate	43	5.649	5.648	0.001	99	261956	50.0	50.1	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	210962	50.0	50.5	
78 2-Nitropropane	41	6.112	6.112	0.000	75	48209	100.0	96.9	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	130234	50.1	52.0	
80 Epichlorohydrin	57	6.216	6.222	-0.006	99	369479	1000.0	1022.4	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.000	92	308760	50.0	53.9	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	398487	250.0	267.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	724540	50.0	50.1	
84 Toluene	91	6.587	6.587	0.000	94	786819	50.0	46.4	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	96	259110	50.0	53.7	
86 Ethyl methacrylate	69	6.971	6.977	-0.006	91	244497	50.0	48.8	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	143222	50.0	51.5	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	187252	50.0	52.7	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	288130	50.0	51.5	
90 2-Hexanone	43	7.423	7.423	0.001	97	657031	250.0	276.2	
91 n-Butyl acetate	43	7.545	7.544	0.001	99	289879	50.0	56.9	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	144311	50.0	54.5	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	164226	50.0	52.6	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	85	539727	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	512880	50.0	52.1	
96 Ethylbenzene	106	8.410	8.410	0.000	98	282468	50.0	53.1	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	93	150105	50.0	52.4	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	345782	50.0	54.3	
99 o-Xylene	106	9.087	9.087	0.000	94	350433	50.0	53.9	
100 n-Butyl acrylate	73	9.093	9.087	0.006	98	141751	50.0	65.7	
101 Styrene	104	9.124	9.123	0.001	95	569661	50.0	55.3	
102 Bromoform	173	9.373	9.367	0.006	97	86385	50.0	54.8	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	90	362356	50.0	45.9	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	790679	50.0	53.5	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	93	229236	50.0	50.5	
106 Bromobenzene	156	9.898	9.898	0.000	98	226091	50.0	51.5	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	99	224690	50.0	53.0	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	1031101	50.0	51.8	
109 1,2,3-Trichloropropane	110	10.014	10.013	0.001	98	62032	50.0	51.3	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	87	55143	50.0	56.3	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	709689	50.0	50.8	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	868359	50.0	52.1	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	720436	50.0	52.2	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	707720	50.0	52.7	
115 Butyl Methacrylate	87	10.324	10.324	0.000	90	237463	50.0	44.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	611290	50.0	52.8	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	759181	50.0	52.8	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	935405	50.0	53.2	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	439369	50.0	51.2	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	97	815553	50.0	54.2	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	308318	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	95	439317	50.0	51.4	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	98	824614	50.0	52.8	
124 Benzyl chloride	91	11.087	11.086	0.001	99	356575	50.0	59.0	
125 2,3-Dihydroindene	117	11.148	11.147	0.001	95	793118	50.0	53.4	
126 p-Diethylbenzene	119	11.221	11.214	0.007	94	521107	50.0	54.2	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	440576	50.0	53.4	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	430887	50.0	51.1	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	803294	50.0	53.4	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.000	94	32290	50.0	51.6	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	369501	50.0	51.4	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	94	353761	50.0	54.9	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	98	175312	50.0	52.9	
134 Naphthalene	128	12.775	12.775	0.000	99	822459	50.0	54.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	343502	50.0	51.9	
S 136 1,2-Dichloroethene, Total	100				0		100.0	102.0	
S 137 Xylenes, Total	100				0		100.0	108.1	
S 139 1,3-Dichloropropene, Total	1				0		100.0	107.5	
S 140 Total BTEX	1				0		250.0	257.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00173	Amount Added:	10.00	Units: uL	
524FREONS_00023	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	50.00	Units: uL	
GASES Li_00600	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:12:28 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84415.D

Injection Date: 30-Aug-2024 09:45:30 Instrument ID: CVOAMS17

Lims ID: STD50

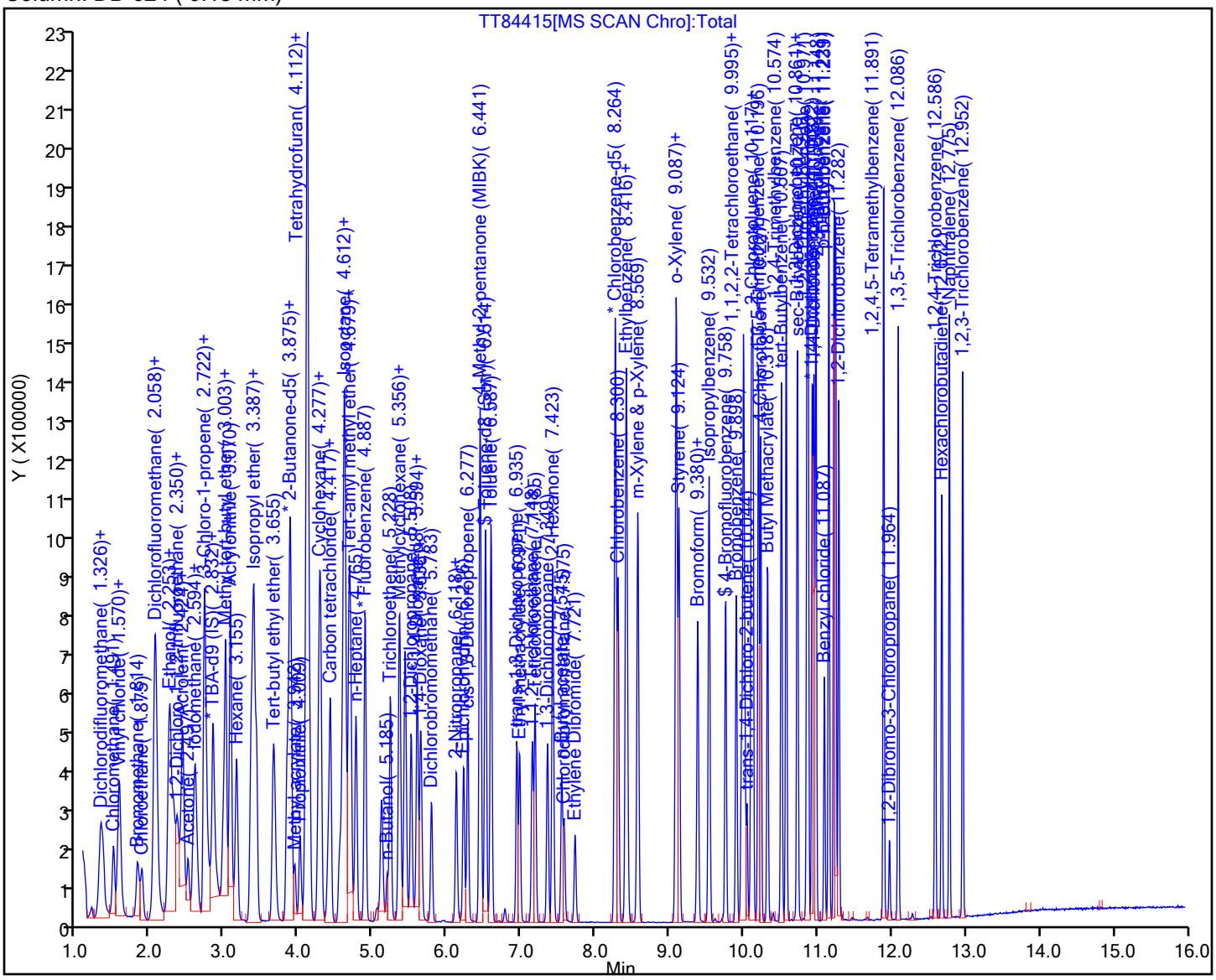
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

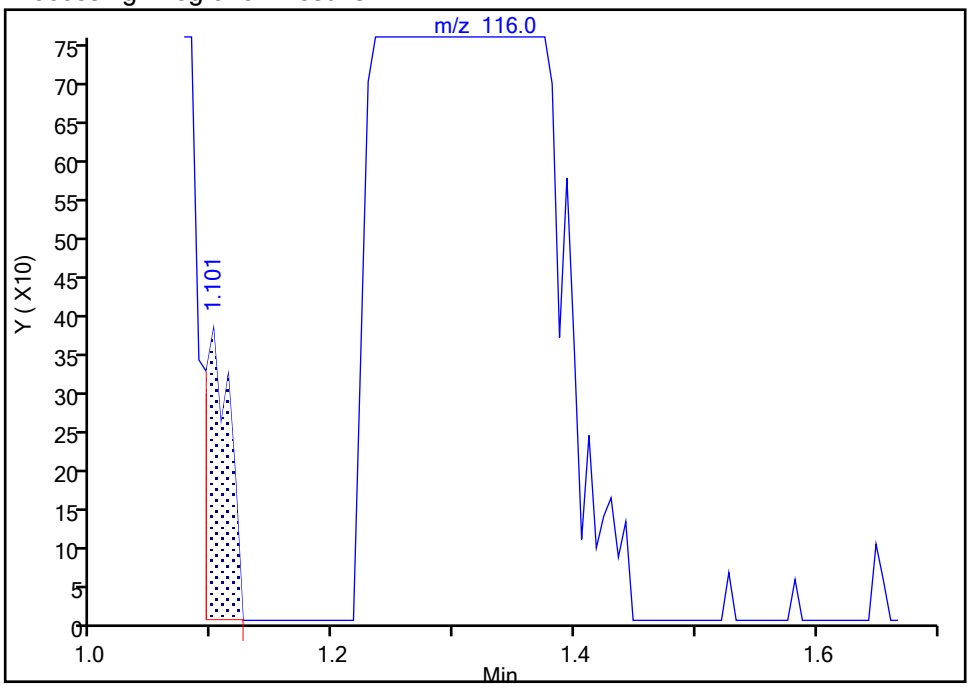
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84415.D
Injection Date: 30-Aug-2024 09:45:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

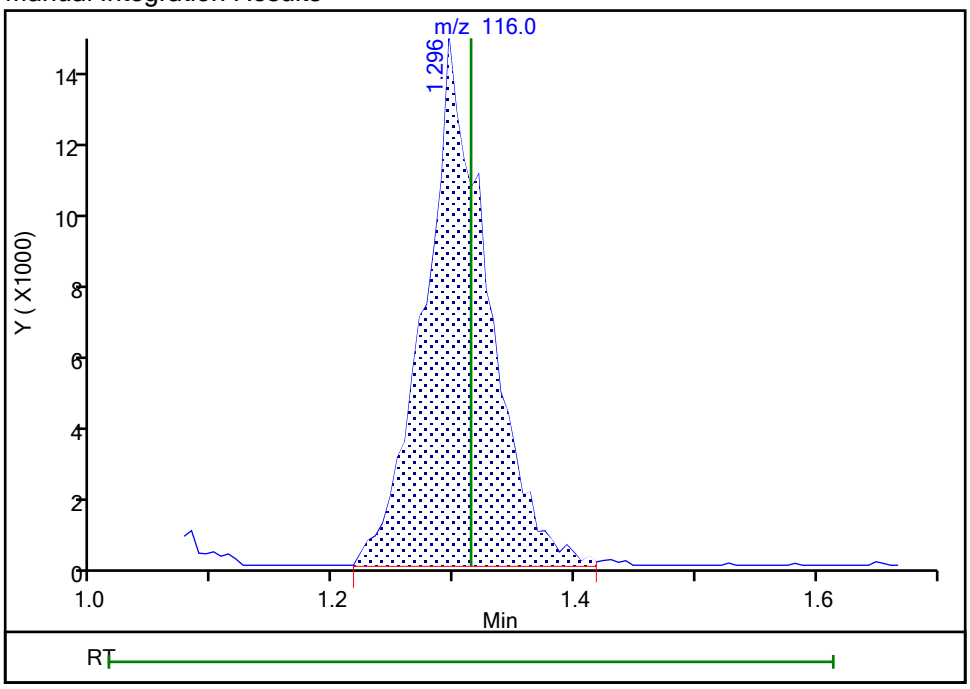
Processing Integration Results

RT: 1.10
Area: 532
Amount: 0.878278
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 53801
Amount: 71.751363
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:11:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

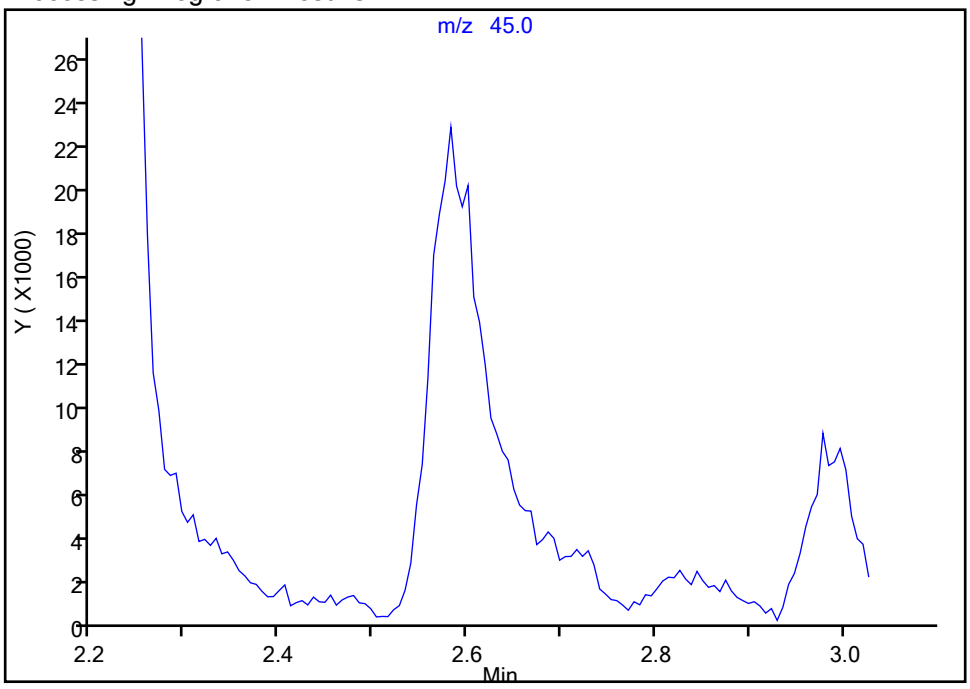
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84415.D
Injection Date: 30-Aug-2024 09:45:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

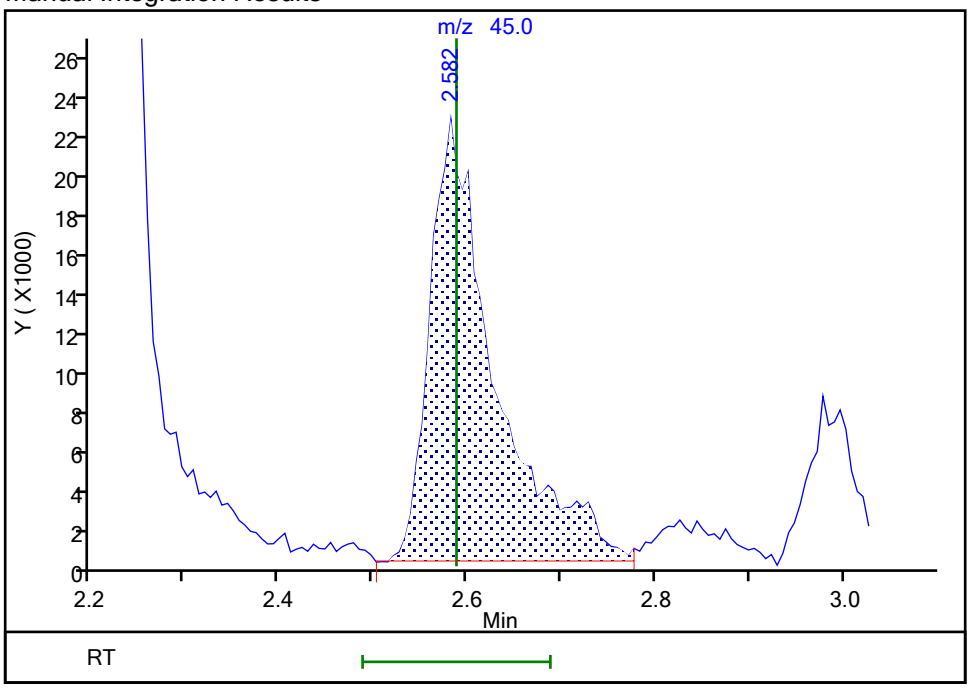
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.58
Area: 101890
Amount: 482.1581
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:28:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:12:52 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84416.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 30-Aug-2024 10:04:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0180260-009
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:12:52 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 10:31:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.229	1.235	-0.006	86	16971	200.0	195.5	
3 Chlorotrifluoroethene	116	1.302	1.314	-0.012	94	162110	200.0	192.1	a
2 1,1-Difluoroethane	65	1.320	1.320	0.000	99	331859	200.0	166.3	
4 Dichlorodifluoromethane	85	1.345	1.338	0.007	78	1042245	200.0	219.7	
5 Chlorodifluoromethane	67	1.357	1.351	0.006	95	118499	200.0	195.2	
6 Chloromethane	50	1.491	1.491	0.000	99	1150107	200.0	202.4	
7 Vinyl chloride	62	1.558	1.558	0.000	98	970397	200.0	194.6	
8 Butadiene	54	1.576	1.570	0.006	97	942423	200.0	201.2	
9 Bromomethane	94	1.820	1.820	0.000	99	672942	200.0	191.2	
10 Chloroethane	64	1.881	1.881	0.000	100	566334	200.0	172.3	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	99	1553847	200.0	185.1	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	98	1010002	200.0	200.2	
13 Pentane	72	2.070	2.070	0.000	96	204922	400.0	399.5	
14 Ethanol	46	2.229	2.234	-0.005	89	161235	8000.0	8823.5	
15 Ethyl ether	74	2.235	2.234	0.001	94	451936	200.0	192.6	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	96	624277	200.0	190.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	92	609493	200.0	191.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	91	988297	200.0	176.2	
19 Acrolein	56	2.393	2.387	0.006	94	130687	200.0	192.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.411	0.007	96	658910	200.0	215.3	
21 1,1-Dichloroethene	96	2.436	2.436	0.000	98	650894	200.0	174.6	
22 Acetone	43	2.503	2.497	0.006	88	1294320	1000.0	1012.0	
23 Iodomethane	142	2.576	2.570	0.006	97	1167619	200.0	182.1	
25 Isopropyl alcohol	45	2.588	2.588	0.000	90	419842	2000.0	1947.4	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	2030726	200.0	152.4	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	98	496313	200.0	195.8	
27 Methyl acetate	43	2.722	2.722	0.000	99	1149438	400.0	366.7	
28 Cyclopentene	67	2.741	2.734	0.007	93	1374648	200.0	175.7	
29 Acetonitrile	41	2.771	2.771	0.000	98	927126	2000.0	1674.5	a
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	53011	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	94	823038	200.0	178.3	
32 2-Methyl-2-propanol	59	2.893	2.887	0.006	95	684533	2000.0	1985.2	
33 Methyl tert-butyl ether	73	2.991	2.984	0.007	98	2229557	200.0	193.9	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	96	742155	200.0	185.2	
35 Acrylonitrile	53	3.076	3.070	0.006	94	2917096	2000.0	1881.6	
36 Hexane	57	3.155	3.155	0.000	94	925192	200.0	220.8	
37 Isopropyl ether	45	3.356	3.356	0.000	94	2572298	200.0	186.0	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	1402859	200.0	188.7	
39 Vinyl acetate	86	3.393	3.393	0.000	100	268759	400.0	437.7	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	664236	200.0	197.7	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	90	2385024	200.0	193.5	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	444806	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	95	249805	200.0	218.9	
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	98	840557	200.0	185.3	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	447232	1000.0	957.4	
46 Ethyl acetate	70	3.893	3.887	0.006	95	163873	400.0	400.2	
47 Methyl acrylate	55	3.942	3.941	0.001	99	684693	200.0	206.6	
48 Propionitrile	54	4.015	4.009	0.006	98	1122678	2000.0	1848.8	
50 Tetrahydrofuran	72	4.082	4.082	0.000	94	200427	400.0	357.4	
49 Chlorobromomethane	128	4.088	4.088	0.000	93	414865	200.0	187.1	
51 Methacrylonitrile	67	4.112	4.112	0.000	90	3067017	2000.0	1958.5	
52 Chloroform	83	4.143	4.143	0.000	98	1266553	200.0	191.4	
53 Cyclohexane	84	4.271	4.271	0.000	93	1034058	200.0	202.0	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	99	998235	200.0	204.6	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	97	191530	50.0	50.2	
56 Carbon tetrachloride	117	4.399	4.393	0.006	98	752803	200.0	233.6	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	989015	200.0	197.3	
58 Isobutyl alcohol	43	4.545	4.551	-0.006	96	732334	5000.0	6353.5	
59 Isooctane	57	4.588	4.582	0.006	97	2781946	200.0	236.1	
60 Benzene	78	4.612	4.612	0.000	98	2848559	200.0	170.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	226145	50.0	50.1	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	92	2342305	200.0	187.2	
63 Isopropyl acetate	61	4.673	4.673	0.000	95	434229	200.0	210.7	
64 1,2-Dichloroethane	62	4.698	4.697	0.001	97	958964	200.0	186.3	
65 n-Heptane	100	4.771	4.771	0.000	93	171680	200.0	246.5	
* 66 Fluorobenzene	96	4.893	4.886	0.007	98	788850	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	89	478916	5000.0	6209.2	
68 Trichloroethene	95	5.234	5.228	0.006	98	744870	200.0	199.1	
69 Methylcyclohexane	83	5.356	5.356	0.000	79	1238604	200.0	211.7	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	111757	200.0	202.8	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	93	836022	200.0	199.7	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	30695	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	90	397823	400.0	452.2	
75 1,4-Dioxane	88	5.618	5.618	0.000	88	164432	4000.0	4929.9	
74 Dibromomethane	93	5.636	5.630	0.006	96	464145	200.0	192.9	
76 n-Propyl acetate	43	5.649	5.648	0.001	98	1093991	200.0	201.9	
77 Dichlorobromomethane	83	5.789	5.783	0.006	99	905573	200.0	208.8	
78 2-Nitropropane	41	6.118	6.112	0.006	95	228389	400.0	401.4	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	94	525466	200.5	202.4	
80 Epichlorohydrin	57	6.222	6.222	0.000	99	1472568	4000.0	3902.2	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.001	92	1269175	200.0	208.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	93	1602068	1000.0	1028.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	769312	50.0	50.2	
84 Toluene	91	6.594	6.587	0.007	96	2887517	200.0	160.7	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	98	1086262	200.0	212.4	
86 Ethyl methacrylate	69	6.978	6.977	0.001	91	1048621	200.0	201.2	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	96	580434	200.0	196.9	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	745266	200.0	198.0	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	1135169	200.0	191.4	
90 2-Hexanone	43	7.423	7.423	0.001	94	2451468	1000.0	986.8	
91 n-Butyl acetate	43	7.545	7.544	0.001	99	1222252	200.0	226.5	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	658507	200.0	234.7	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	648323	200.0	196.0	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	63	572119	50.0	50.0	
95 Chlorobenzene	112	8.307	8.300	0.007	93	1981185	200.0	189.7	
96 Ethylbenzene	106	8.410	8.410	0.000	98	1126615	200.0	199.7	
97 1,1,1,2-Tetrachloroethane	131	8.429	8.422	0.007	96	691463	200.0	227.6	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	1375720	200.0	203.6	
99 o-Xylene	106	9.087	9.087	0.000	95	1399457	200.0	202.9	
100 n-Butyl acrylate	73	9.093	9.087	0.006	98	664940	200.0	290.6	
101 Styrene	104	9.130	9.123	0.007	93	2197483	200.0	201.3	
102 Bromoform	173	9.373	9.367	0.006	98	426243	200.0	220.1	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	91	1575582	200.0	202.9	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	2932394	200.0	187.1	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	92	240593	50.0	50.0	
106 Bromobenzene	156	9.898	9.898	0.000	98	879797	200.0	191.5	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	893591	200.0	201.5	
108 N-Propylbenzene	91	9.995	9.995	0.000	98	3418095	200.0	164.0	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	97	244842	200.0	193.4	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	91	245682	200.0	239.5	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	2626026	200.0	179.4	
112 4-Ethyltoluene	105	10.123	10.123	0.000	96	3061974	200.0	175.4	
113 1,3,5-Trimethylbenzene	105	10.203	10.196	0.007	95	2651978	200.0	183.6	
114 4-Chlorotoluene	91	10.233	10.227	0.006	96	2457518	200.0	174.7	
115 Butyl Methacrylate	87	10.325	10.324	0.000	90	1095950	200.0	203.4	
116 tert-Butylbenzene	119	10.507	10.507	0.000	93	2384983	200.0	196.6	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	96	2685218	200.0	178.5	
118 sec-Butylbenzene	105	10.727	10.727	0.000	94	3214567	200.0	174.7	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	94	1653754	200.0	184.1	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	94	2835901	200.0	179.9	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	94	322863	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	92	1646817	200.0	183.9	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	94	2801254	200.0	171.3	
124 Benzyl chloride	91	11.087	11.086	0.001	99	1591290	200.0	251.5	
125 2,3-Dihydroindene	117	11.148	11.147	0.001	96	2682634	200.0	172.6	
126 p-Diethylbenzene	119	11.221	11.214	0.007	93	1947360	200.0	193.3	
127 n-Butylbenzene	92	11.239	11.239	0.000	96	1692074	200.0	195.9	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	93	1619427	200.0	183.5	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	95	2687202	200.0	170.5	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.001	98	150385	200.0	199.9	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	1424767	200.0	189.3	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	95	1337970	200.0	198.4	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	98	750616	200.0	216.3	
134 Naphthalene	128	12.775	12.775	0.000	96	2688308	200.0	170.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	1314680	200.0	189.9	
S 136 1,2-Dichloroethene, Total	100				0		400.0	370.5	
S 137 Xylenes, Total	100				0		400.0	406.6	
S 139 1,3-Dichloropropene, Total	1				0		400.0	421.2	
S 140 Total BTEX	1				0		1000.0	937.4	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

MIX 2 Hi_00152	Amount Added:	20.00	Units: uL	
MIX I Hi_00179	Amount Added:	20.00	Units: uL	
Ethanol mix_00092	Amount Added:	20.00	Units: uL	
7 Freons Hi_00017	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	20.00	Units: uL	
GAS Hi_00477	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:12:53 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84416.D

Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17

Lims ID: STD200

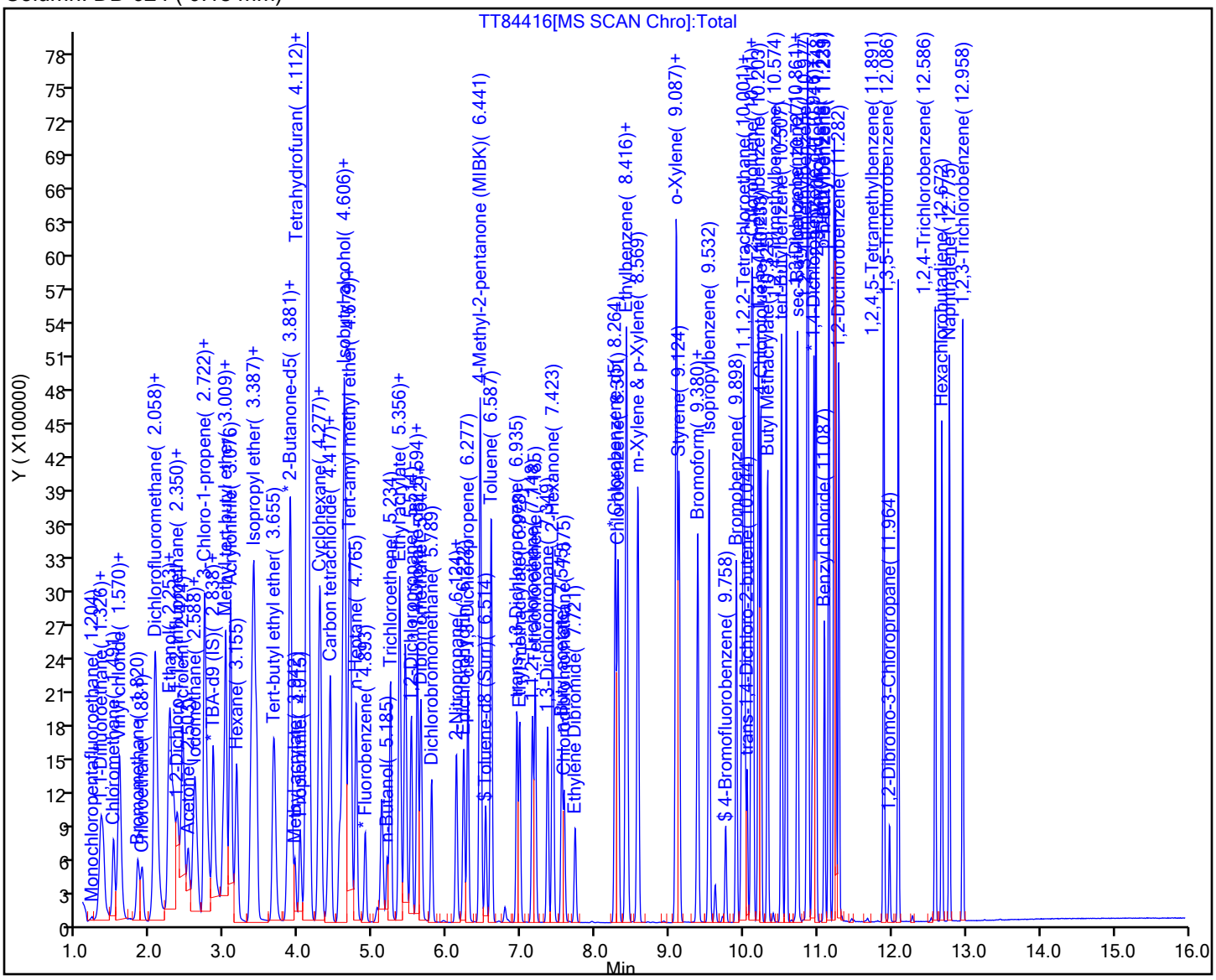
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

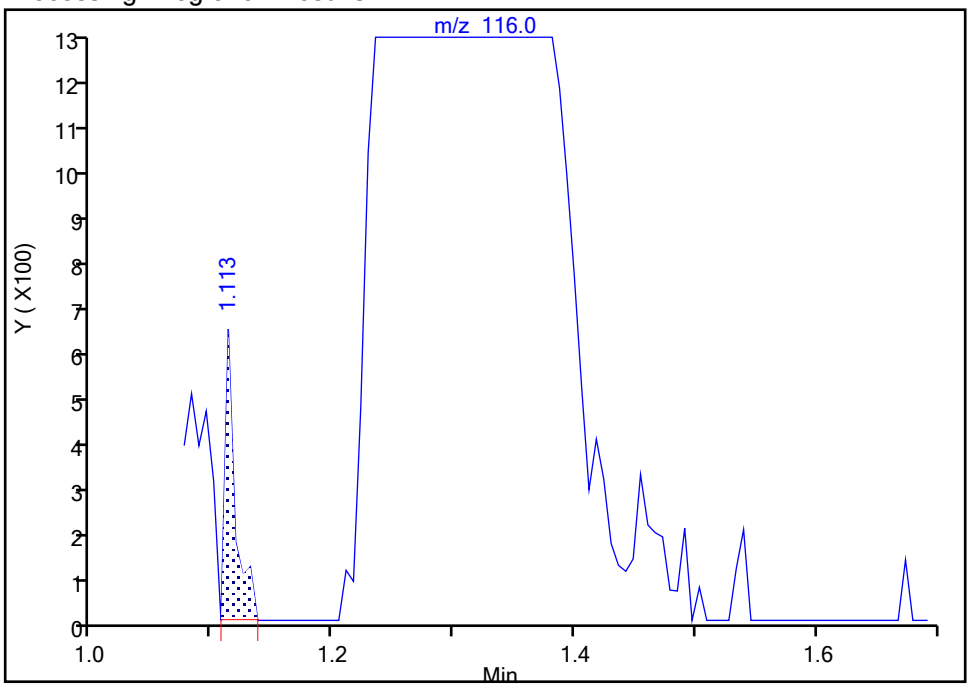
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84416.D
Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

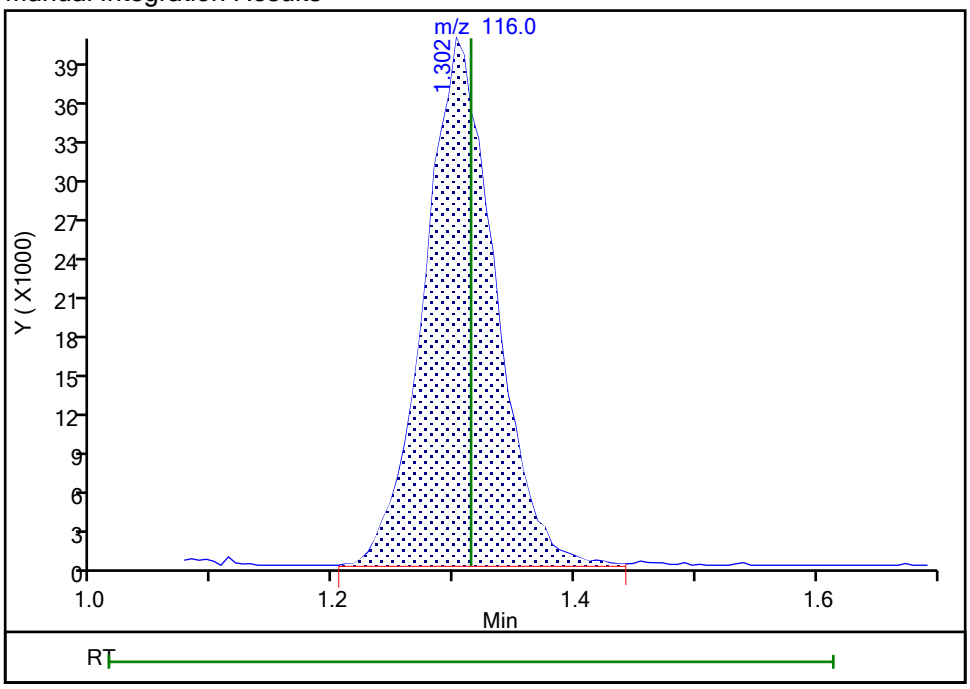
Processing Integration Results

RT: 1.11
Area: 374
Amount: 0.528241
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 162110
Amount: 192.1240
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:30:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

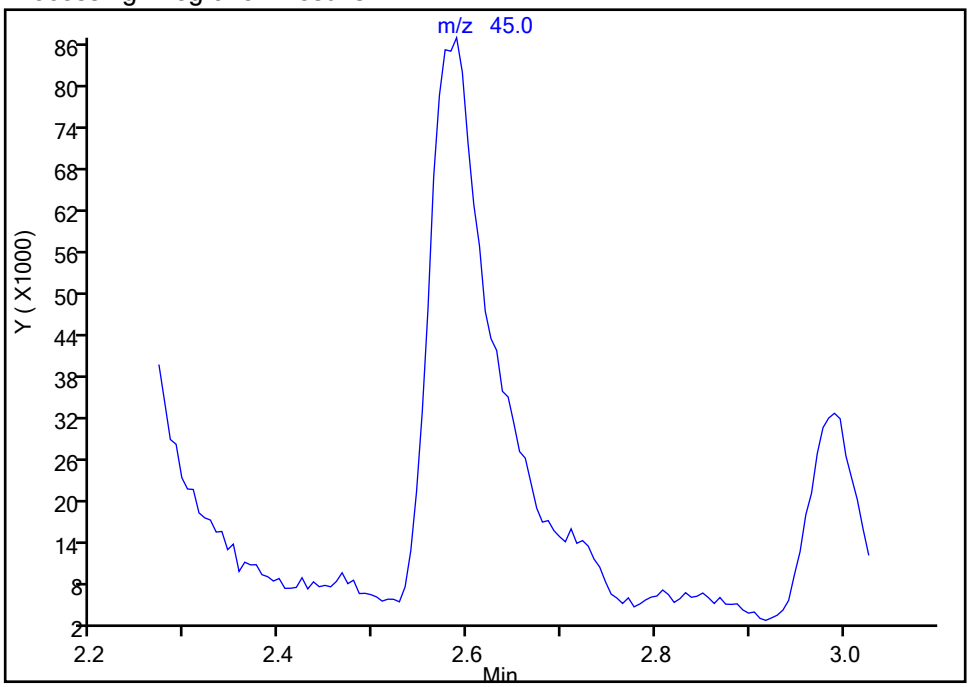
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84416.D
Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

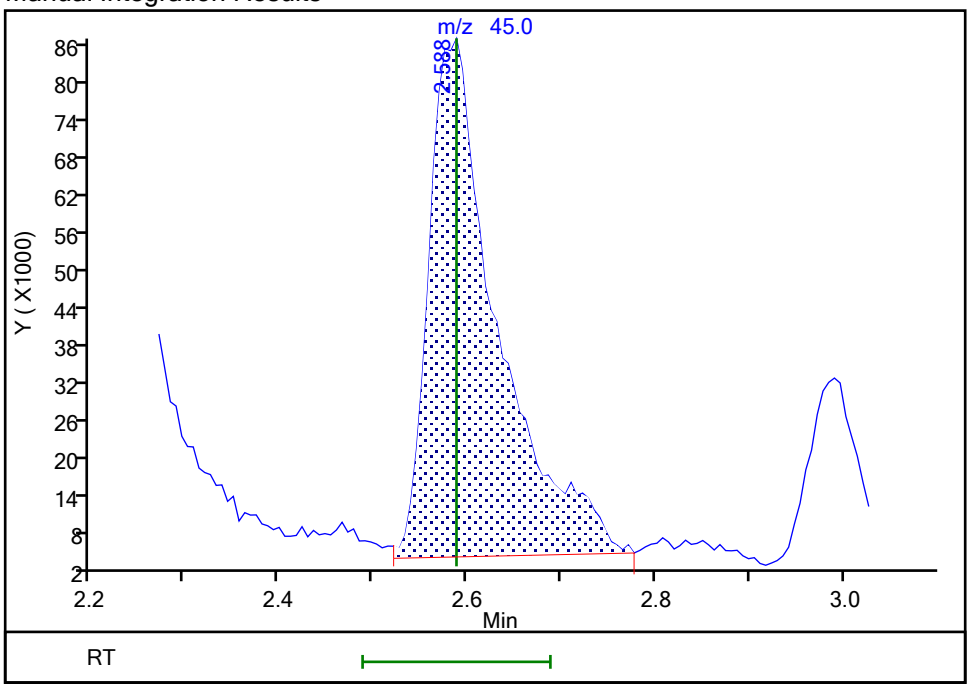
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 419842
Amount: 1947.4381
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:30:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

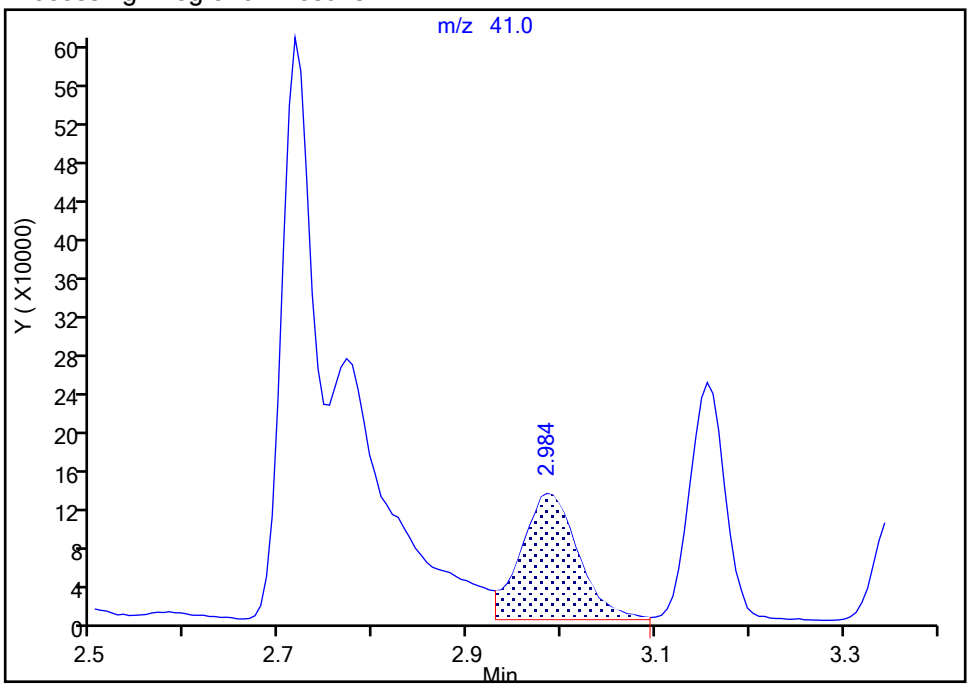
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84416.D
Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

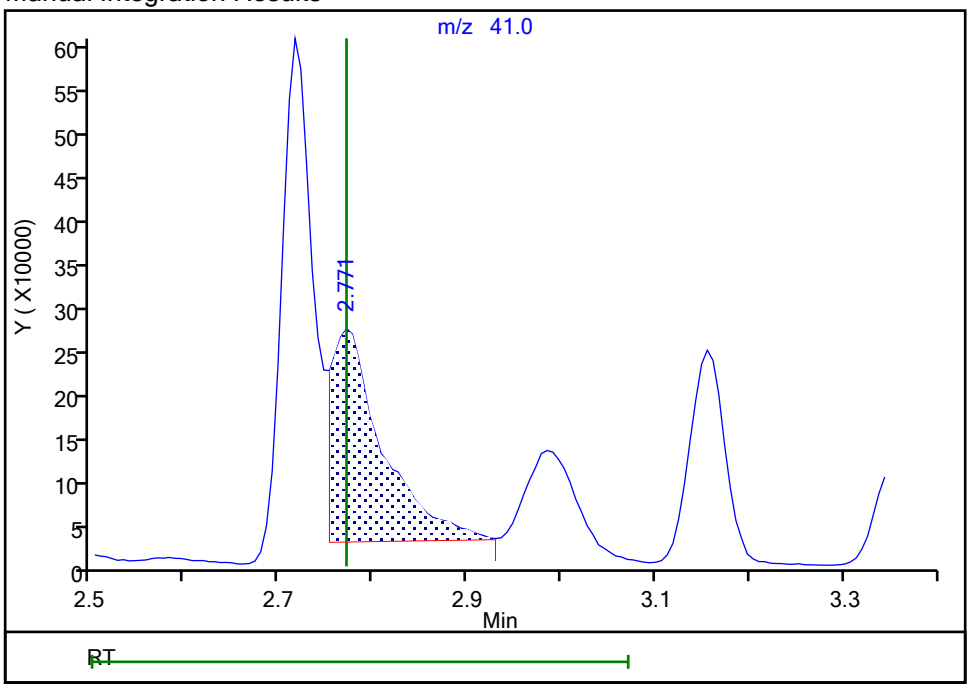
Processing Integration Results

RT: 2.98
Area: 566999
Amount: 1214.7668
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 927126
Amount: 1674.4772
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:30:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:13:17 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 30-Aug-2024 10:24:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0180260-010
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:13:16 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 10:46:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.235	0.000	96	76108	500.0	500.3	
3 Chlorotrifluoroethene	116	1.308	1.314	-0.006	89	539370	500.0	500.8	
2 1,1-Difluoroethane	65	1.326	1.320	0.006	98	994689	500.0	468.8	
4 Dichlorodifluoromethane	85	1.345	1.338	0.007	99	3114166	500.0	617.7	
5 Chlorodifluoromethane	67	1.357	1.351	0.006	97	354929	500.0	500.6	
6 Chloromethane	50	1.497	1.491	0.006	98	2964620	500.0	490.8	
7 Vinyl chloride	62	1.564	1.558	0.006	97	2704086	500.0	510.1	
8 Butadiene	54	1.576	1.570	0.006	96	2662135	500.0	534.6	
9 Bromomethane	94	1.826	1.820	0.006	99	1697817	500.0	453.8	
10 Chloroethane	64	1.881	1.881	0.000	99	1470354	500.0	420.8	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	97	4043243	500.0	453.2	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	98	2840667	500.0	529.7	
13 Pentane	72	2.064	2.070	-0.006	98	274722	1000.0	532.2	
14 Ethanol	46	2.229	2.234	-0.005	82	458088	20000	20088	
15 Ethyl ether	74	2.235	2.234	0.001	94	1195813	500.0	480.8	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	90	1136334	500.0	326.1	a
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.302	0.006	93	1897047	500.0	561.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.357	2.350	0.007	94	2970032	500.0	498.3	
19 Acrolein	56	2.393	2.387	0.006	94	285379	400.0	396.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.411	0.007	93	613441	500.0	188.5	a
21 1,1-Dichloroethene	96	2.442	2.436	0.006	98	1028501	500.0	259.6	
22 Acetone	43	2.503	2.497	0.006	88	3402964	2500.0	2382.8	
23 Iodomethane	142	2.576	2.570	0.006	98	2612053	500.0	383.3	
25 Isopropyl alcohol	45	2.588	2.588	0.000	91	1286832	5000.0	4740.3	a
24 Carbon disulfide	76	2.613	2.600	0.013	99	3383441	500.0	238.9	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	99	1136356	500.0	421.8	
27 Methyl acetate	43	2.722	2.722	0.000	98	2915935	1000.0	875.1	
28 Cyclopentene	67	2.741	2.734	0.007	93	2547990	500.0	306.3	
29 Acetonitrile	41	2.771	2.771	0.000	99	2402595	5000.0	3886.0	a
* 31 TBA-d9 (IS)	66	2.856	2.832	0.024	0	66752	1000.0	1000.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.844	2.838	0.006	92	2054374	500.0	418.6	
32 2-Methyl-2-propanol	59	2.899	2.887	0.012	96	2198901	5000.0	5064.3	
33 Methyl tert-butyl ether	73	2.985	2.984	0.000	98	5345732	500.0	437.4	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	94	1557539	500.0	365.7	
35 Acrylonitrile	53	3.076	3.070	0.006	93	6379978	5000.0	3871.4	
36 Hexane	57	3.155	3.155	0.000	94	706245	500.0	158.5	
37 Isopropyl ether	45	3.362	3.356	0.006	87	5903918	500.0	401.6	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	98	3148960	500.0	398.6	
39 Vinyl acetate	86	3.399	3.393	0.006	99	864927	1000.0	1261.4	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	1525911	500.0	427.3	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	93	5636746	500.0	430.3	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	496691	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.862	0.006	96	530531	500.0	437.3	
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	97	2062470	500.0	427.7	
45 2-Butanone (MEK)	72	3.893	3.887	0.006	99	1224508	2500.0	2347.6	
46 Ethyl acetate	70	3.893	3.887	0.006	97	451876	1000.0	988.3	
47 Methyl acrylate	55	3.948	3.941	0.007	99	1849793	500.0	525.1	
48 Propionitrile	54	4.015	4.009	0.006	98	2912975	5000.0	3809.6	
50 Tetrahydrofuran	72	4.088	4.082	0.006	85	551568	1000.0	880.9	
49 Chlorobromomethane	128	4.094	4.088	0.006	91	1098245	500.0	465.9	
51 Methacrylonitrile	67	4.118	4.112	0.006	85	6230054	5000.0	3742.6	
52 Chloroform	83	4.143	4.143	0.000	97	2984524	500.0	424.3	
53 Cyclohexane	84	4.277	4.271	0.006	92	1082231	500.0	198.9	
54 1,1,1-Trichloroethane	97	4.289	4.283	0.006	99	1891529	500.0	364.6	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	203698	50.0	50.2	
56 Carbon tetrachloride	117	4.399	4.393	0.006	98	1321700	500.0	385.8	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	96	1753410	500.0	329.1	
58 Isobutyl alcohol	43	4.551	4.551	0.000	97	3425717	12500	23602	
59 Isooctane	57	4.594	4.582	0.012	94	4465955	500.0	356.5	
60 Benzene	78	4.612	4.612	0.000	98	5502222	500.0	308.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.631	4.624	0.007	0	249535	50.0	52.0	
62 Tert-amyl methyl ether	73	4.685	4.673	0.012	92	6321068	500.0	475.3	
63 Isopropyl acetate	61	4.679	4.673	0.006	95	1136534	500.0	518.9	
64 1,2-Dichloroethane	62	4.704	4.697	0.007	94	2376646	500.0	434.3	
65 n-Heptane	100	4.771	4.771	0.000	93	155049	500.0	209.4	
* 66 Fluorobenzene	96	4.893	4.886	0.007	98	838521	50.0	50.0	
67 n-Butanol	56	5.191	5.185	0.006	89	1443443	12500	14862	
68 Trichloroethene	95	5.234	5.228	0.006	98	1589878	500.0	399.7	
69 Methylcyclohexane	83	5.356	5.356	0.000	67	1336567	500.0	214.9	
70 Ethyl acrylate	99	5.356	5.356	0.000	98	238571	500.0	499.3	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	91	2090847	500.0	469.8	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	37228	1000.0	1000.0	
73 Methyl methacrylate	100	5.600	5.594	0.006	86	1074433	1000.0	1149.0	
75 1,4-Dioxane	88	5.624	5.618	0.006	89	464769	10000	11489	
74 Dibromomethane	93	5.636	5.630	0.006	96	1216586	500.0	475.7	
76 n-Propyl acetate	43	5.649	5.648	0.001	96	2842478	500.0	493.5	
77 Dichlorobromomethane	83	5.789	5.783	0.006	98	2332147	500.0	505.9	
78 2-Nitropropane	41	6.118	6.112	0.006	97	715471	1000.0	999.8	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	94	1374141	501.2	497.9	
80 Epichlorohydrin	57	6.222	6.222	0.000	98	3645202	10000	8650.5	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.001	92	3111522	500.0	479.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.447	6.441	0.006	79	3860713	2500.0	2219.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.520	6.514	0.006	100	813589	50.0	49.7	
84 Toluene	91	6.594	6.587	0.007	96	5259836	500.0	273.9	
85 trans-1,3-Dichloropropene	75	6.941	6.935	0.006	98	2746373	500.0	502.5	
86 Ethyl methacrylate	69	6.978	6.977	0.001	92	2681146	500.0	499.8	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	96	1507602	500.0	478.6	
88 Tetrachloroethene	166	7.185	7.185	0.000	95	1432037	500.0	356.1	
89 1,3-Dichloropropane	76	7.356	7.349	0.007	95	2826061	500.0	445.9	
90 2-Hexanone	43	7.423	7.423	0.001	84	5030824	2500.0	1813.5	
91 n-Butyl acetate	43	7.545	7.544	0.001	96	2973678	500.0	515.8	
92 Chlorodibromomethane	129	7.581	7.575	0.006	98	1822645	500.0	607.9	
93 Ethylene Dibromide	107	7.727	7.721	0.006	99	1692728	500.0	479.1	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	49	611293	50.0	50.0	a
95 Chlorobenzene	112	8.307	8.300	0.007	86	4171973	500.0	374.0	
96 Ethylbenzene	106	8.416	8.410	0.006	91	2438718	500.0	404.6	
97 1,1,1,2-Tetrachloroethane	131	8.429	8.422	0.007	97	1784857	500.0	549.8	
98 m-Xylene & p-Xylene	106	8.575	8.569	0.006	0	2944065	500.0	407.8	
99 o-Xylene	106	9.093	9.087	0.006	94	3079741	500.0	418.0	
100 n-Butyl acrylate	73	9.093	9.087	0.006	94	1722962	500.0	704.7	
101 Styrene	104	9.130	9.123	0.007	85	4465588	500.0	382.8	
102 Bromoform	173	9.374	9.367	0.007	97	1217270	500.0	483.9	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	94	3478634	500.0	499.4	
104 Isopropylbenzene	105	9.532	9.532	0.000	95	4782057	500.0	285.5	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	91	250955	50.0	48.8	
106 Bromobenzene	156	9.904	9.898	0.006	92	2061871	500.0	438.2	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	96	2204604	500.0	485.4	
108 N-Propylbenzene	91	10.001	9.995	0.006	98	5219083	500.0	244.5	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	96	642973	500.0	495.9	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	92	663589	500.0	631.7	
111 2-Chlorotoluene	91	10.105	10.105	0.000	94	4763159	500.0	317.8	
112 4-Ethyltoluene	105	10.129	10.123	0.006	95	5389679	500.0	301.4	
113 1,3,5-Trimethylbenzene	105	10.203	10.196	0.007	93	4241934	500.0	286.7	
114 4-Chlorotoluene	91	10.233	10.227	0.006	89	4692334	500.0	325.8	
115 Butyl Methacrylate	87	10.325	10.324	0.001	90	2607074	500.0	499.5	
116 tert-Butylbenzene	119	10.514	10.507	0.007	85	3841395	500.0	309.2	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	89	4267433	500.0	276.9	
118 sec-Butylbenzene	105	10.727	10.727	0.000	88	4679577	500.0	248.3	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	86	3110125	500.0	338.0	
120 4-Isopropyltoluene	119	10.873	10.867	0.006	95	4178261	500.0	258.8	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	95	330651	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	83	3121694	500.0	340.3	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	83	4680186	500.0	279.5	
124 Benzyl chloride	91	11.093	11.086	0.007	94	3383816	500.0	522.3	
125 2,3-Dihydroindene	117	11.154	11.147	0.007	86	4472685	500.0	281.0	
126 p-Diethylbenzene	119	11.221	11.214	0.007	88	3488390	500.0	338.1	
127 n-Butylbenzene	92	11.239	11.239	0.000	88	2786416	500.0	315.1	
128 1,2-Dichlorobenzene	146	11.288	11.282	0.006	83	3081778	500.0	341.0	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	86	4306351	500.0	266.7	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.001	97	402984	500.0	434.7	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	91	2688238	500.0	348.8	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	95	2426732	500.0	351.3	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	97	1220751	500.0	343.5	
134 Naphthalene	128	12.775	12.775	0.000	88	4342539	500.0	269.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	93	2415594	500.0	340.6	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	793.4	
S 137 Xylenes, Total	100				0		1000.0	825.8	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	981.6	
S 140 Total BTEX	1				0		2500.0	1812.5	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

MIX 2 Hi_00152	Amount Added:	50.00	Units: uL	
MIX I Hi_00179	Amount Added:	50.00	Units: uL	
Ethanol mix_00092	Amount Added:	50.00	Units: uL	
7 Freons Hi_00017	Amount Added:	50.00	Units: uL	
ACROLEIN W_00173	Amount Added:	40.00	Units: uL	
GAS Hi_00477	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:13:17 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17

Lims ID: STD500

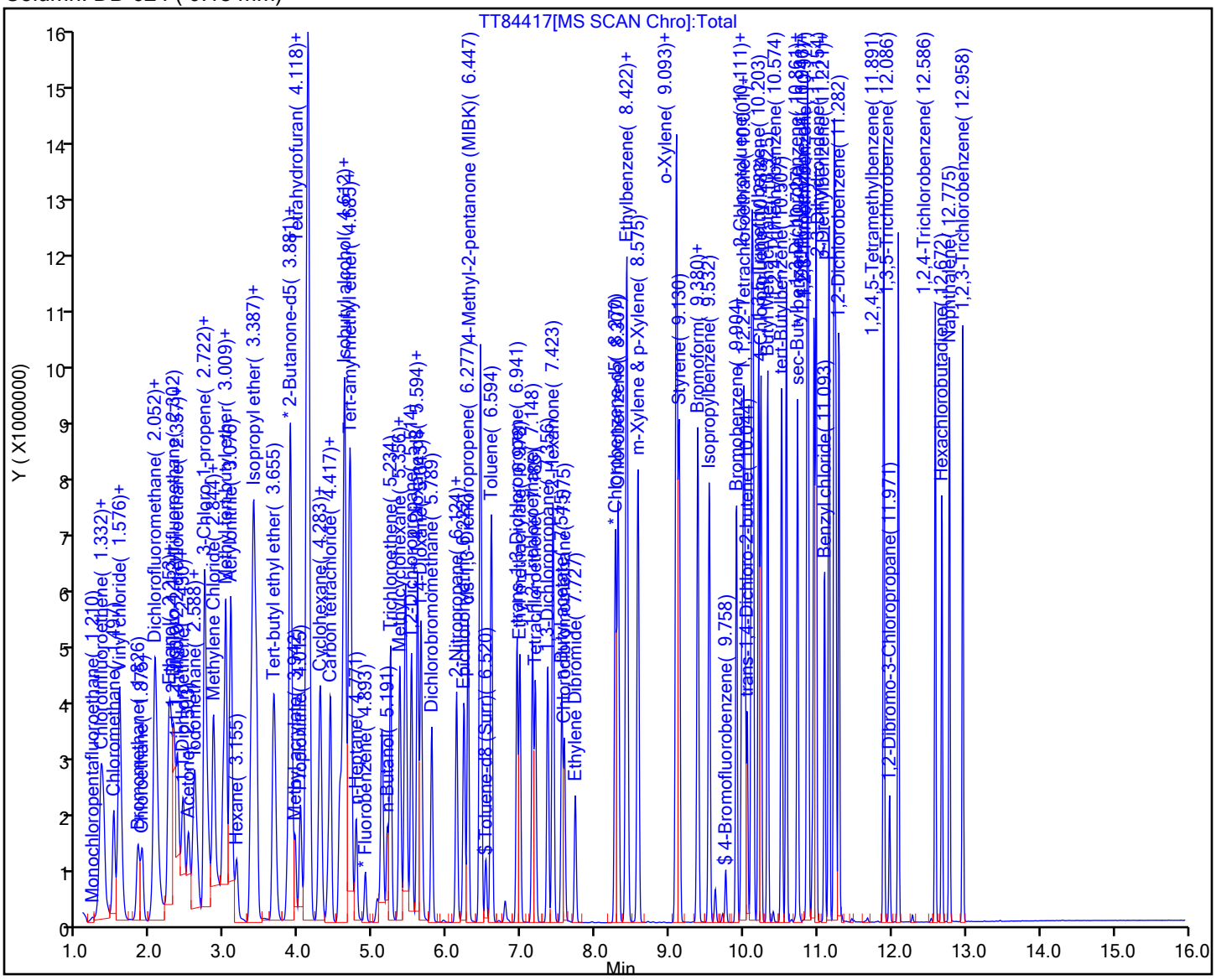
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

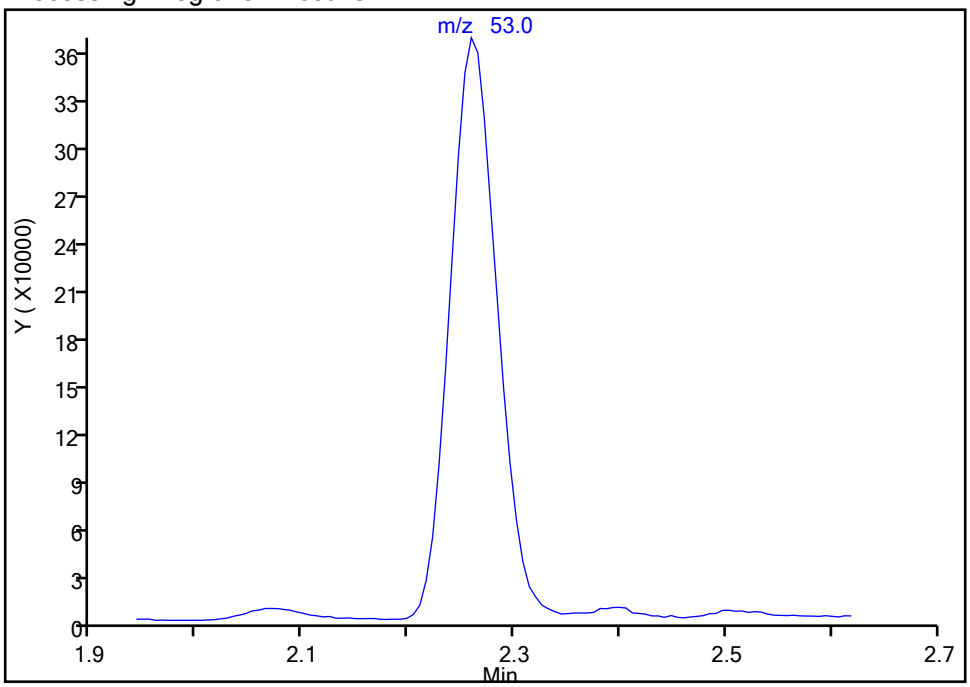
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

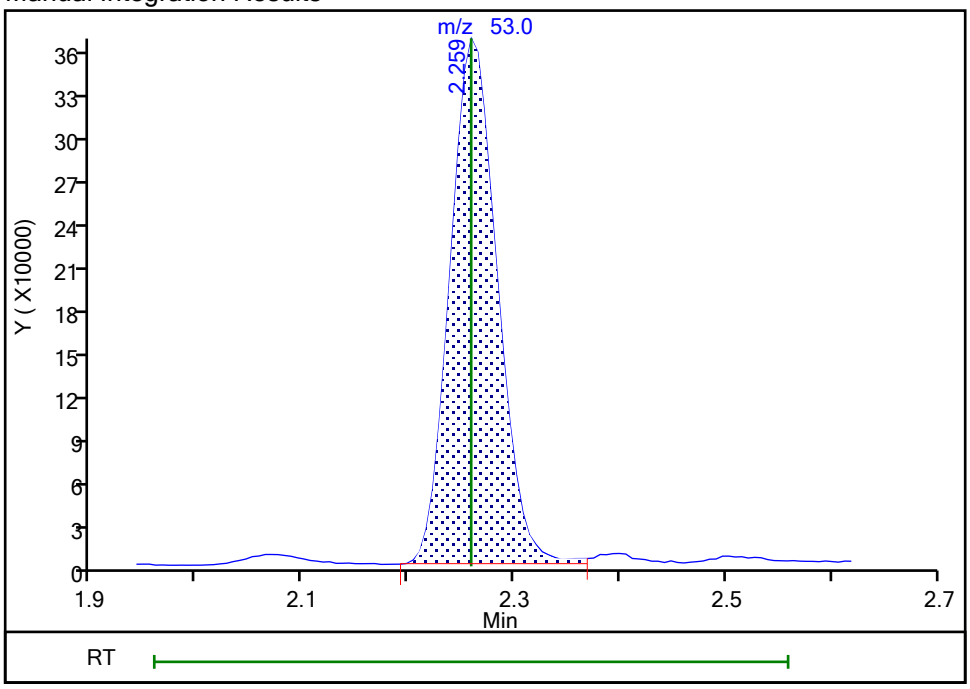
Not Detected
Expected RT: 2.26

Processing Integration Results



Manual Integration Results

RT: 2.26
Area: 1136334
Amount: 326.1087
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

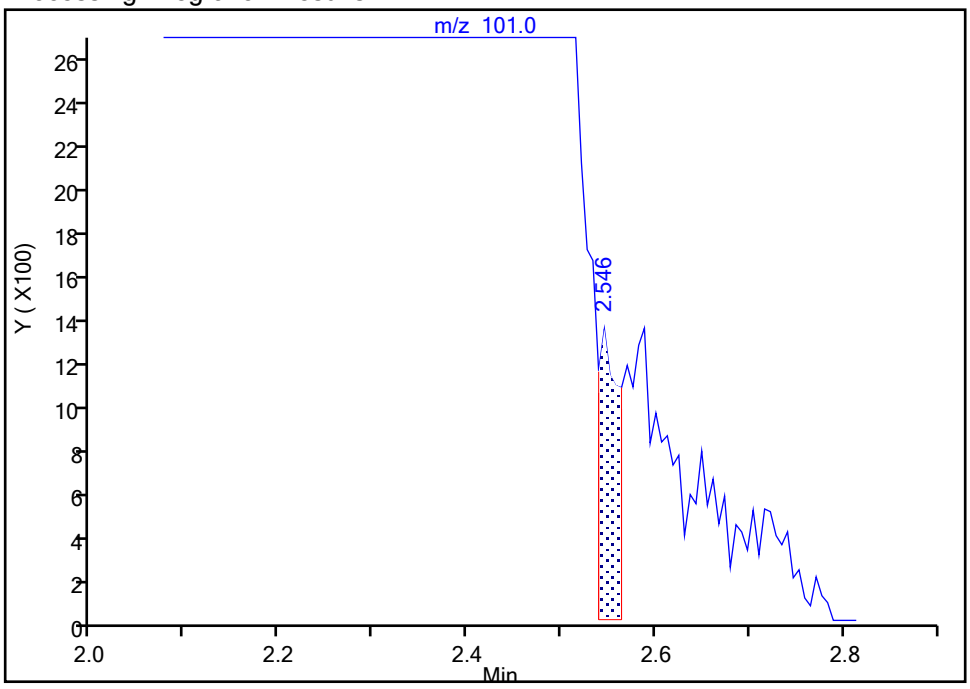
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

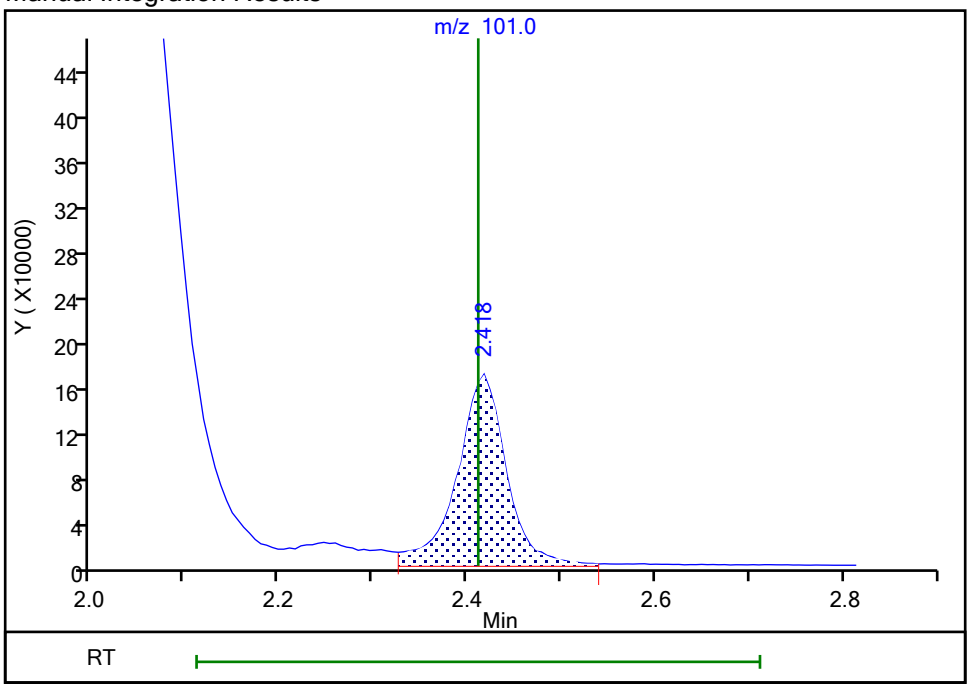
Processing Integration Results

RT: 2.55
Area: 2065
Amount: 0.740267
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 613441
Amount: 188.5325
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

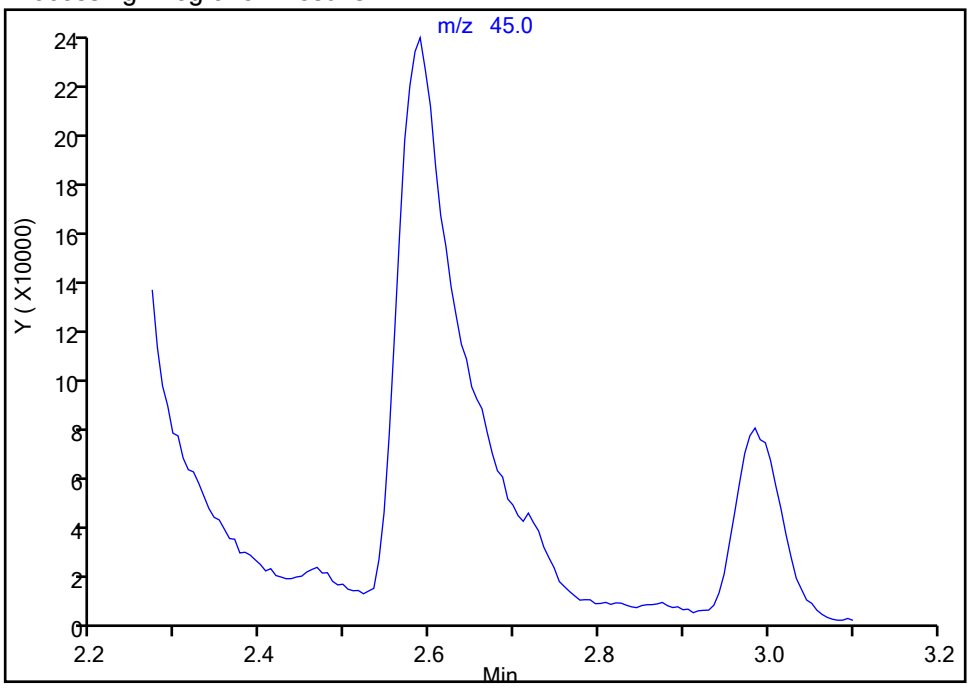
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

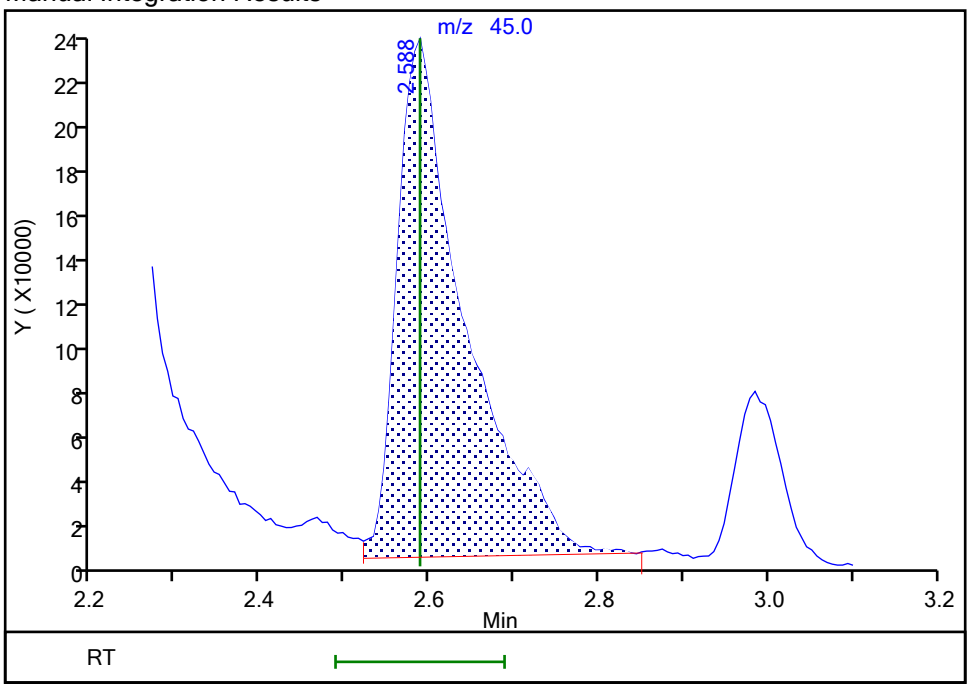
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 1286832
Amount: 4740.2510
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

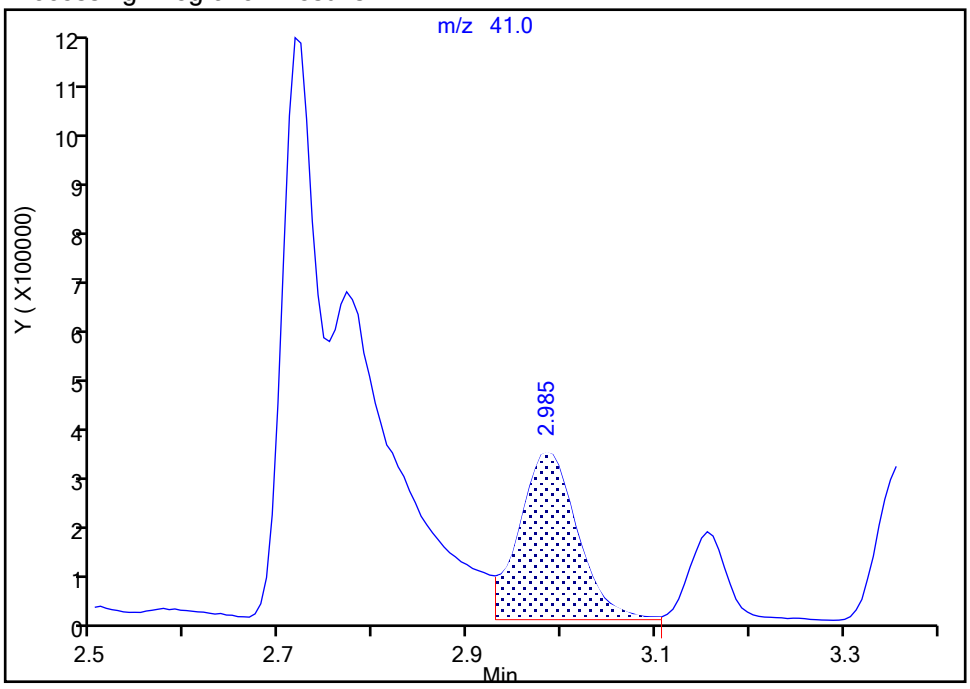
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

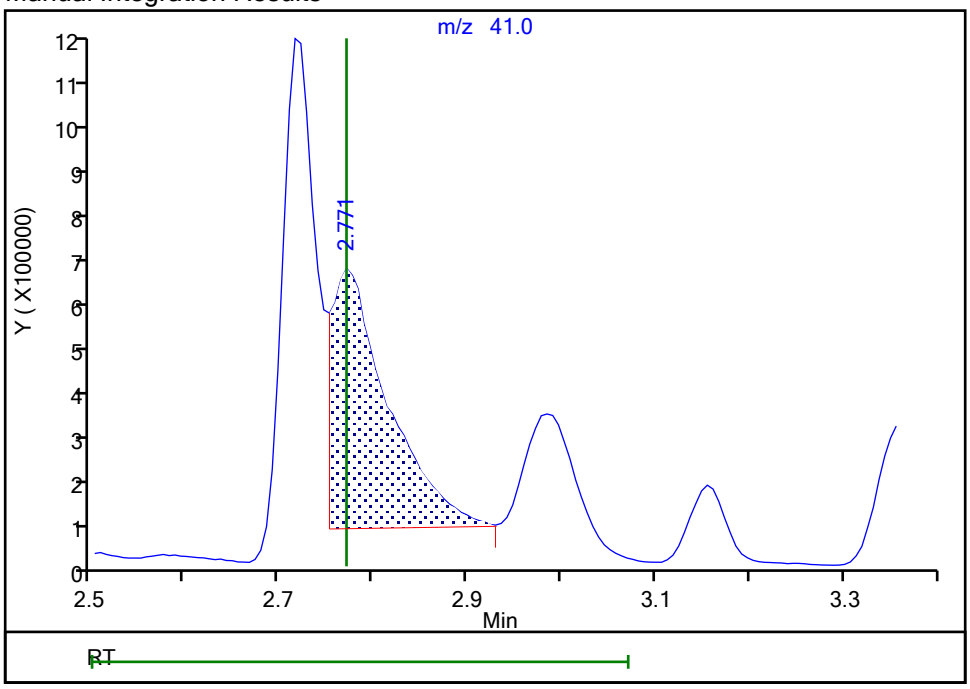
Processing Integration Results

RT: 2.98
Area: 1454079
Amount: 3720.3669
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 2402595
Amount: 3886.0232
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

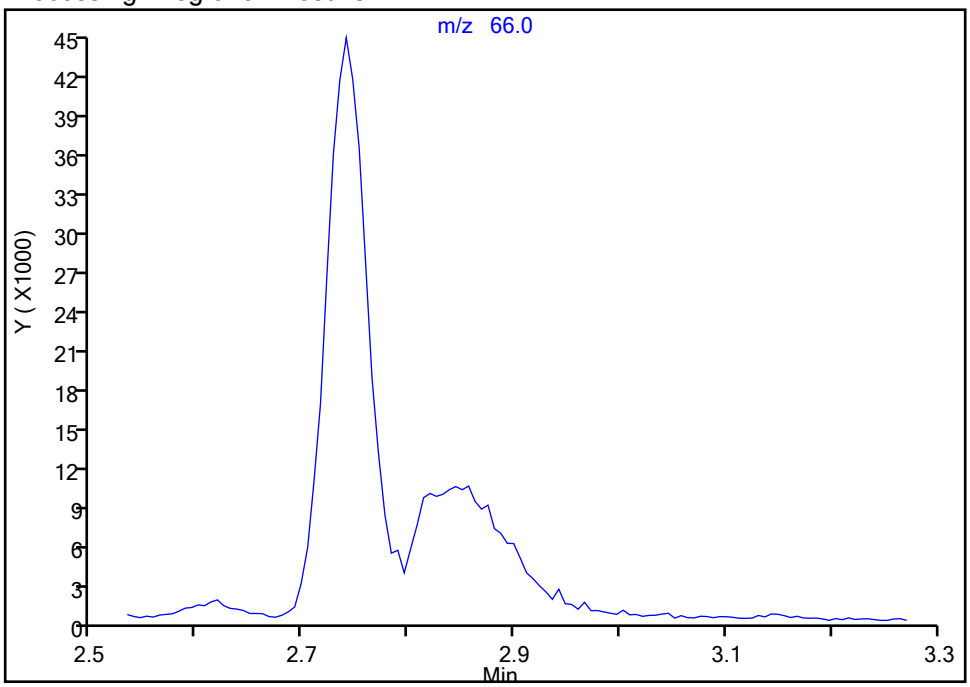
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

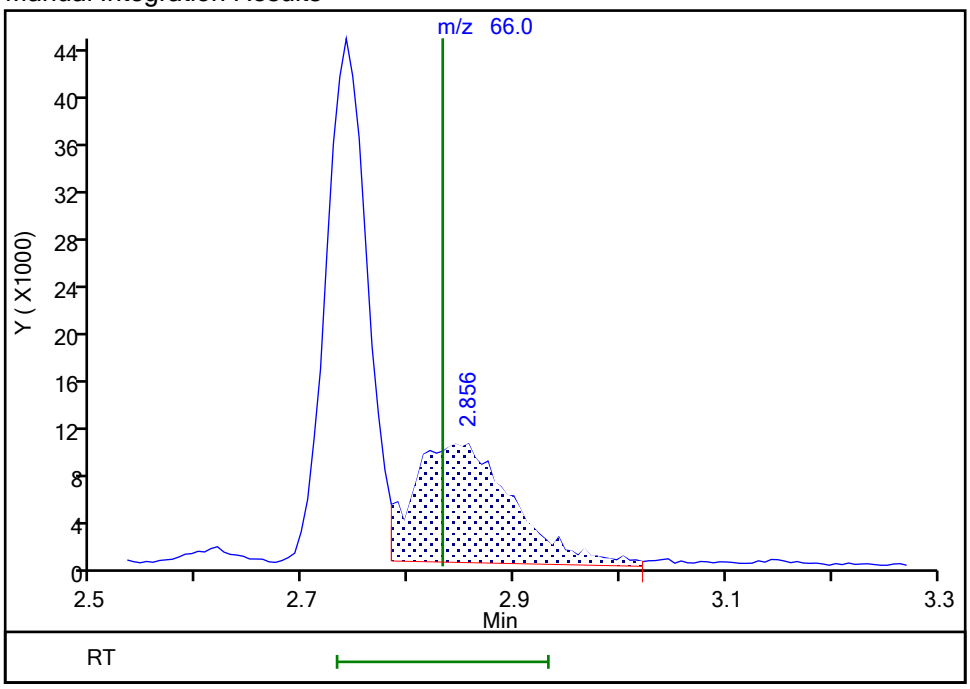
Not Detected
Expected RT: 2.83

Processing Integration Results



Manual Integration Results

RT: 2.86
Area: 66752
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

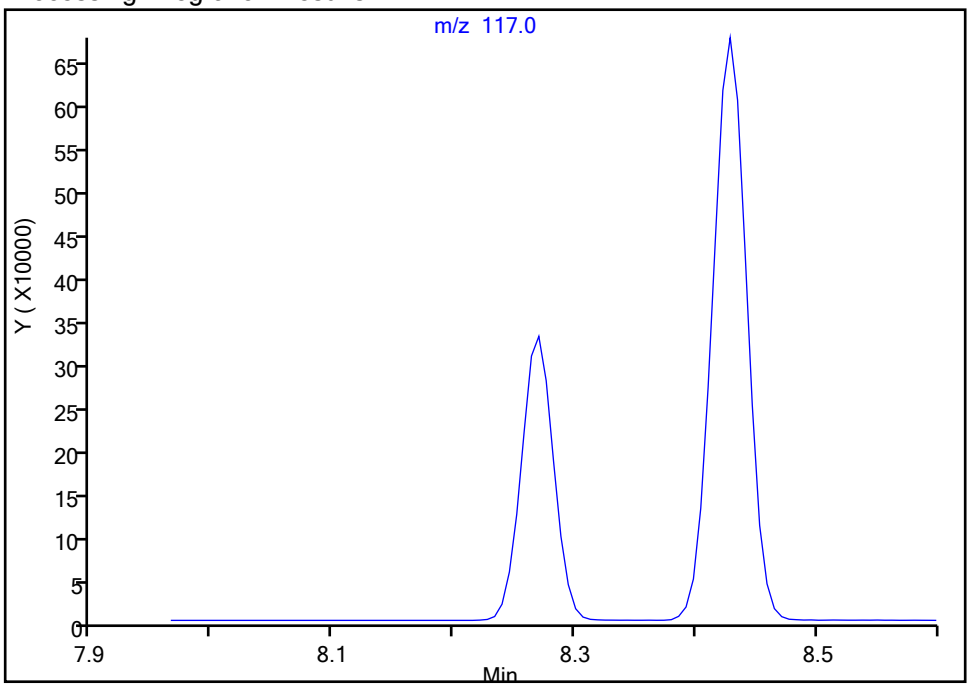
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 94 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

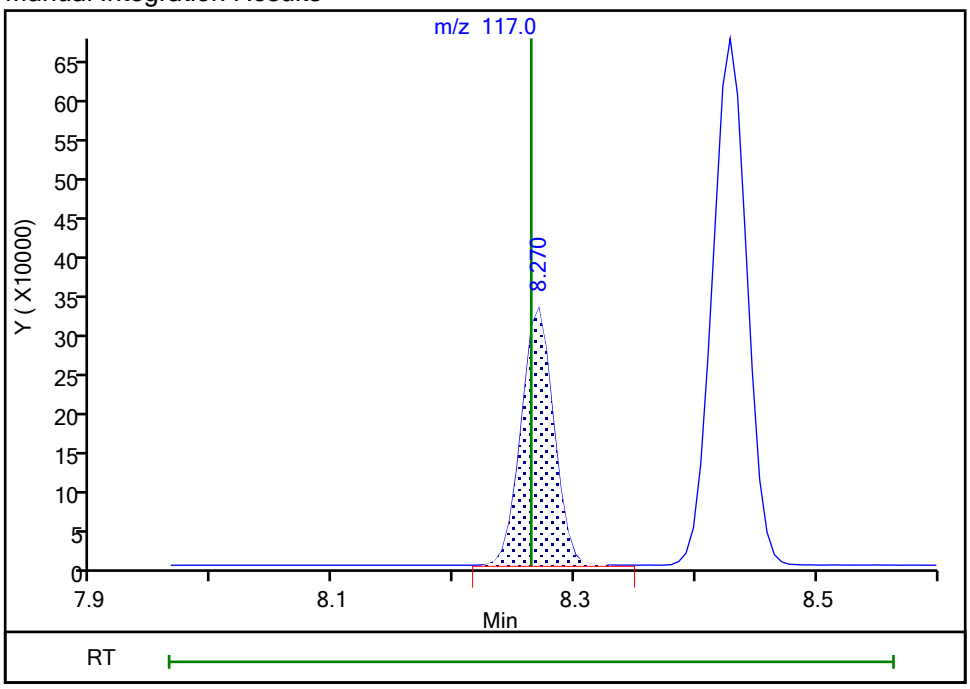
Not Detected
Expected RT: 8.26

Processing Integration Results



Manual Integration Results

RT: 8.27
Area: 611293
Amount: 50.000000
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 12:23:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Calibration / Chlorotrifluoroethene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

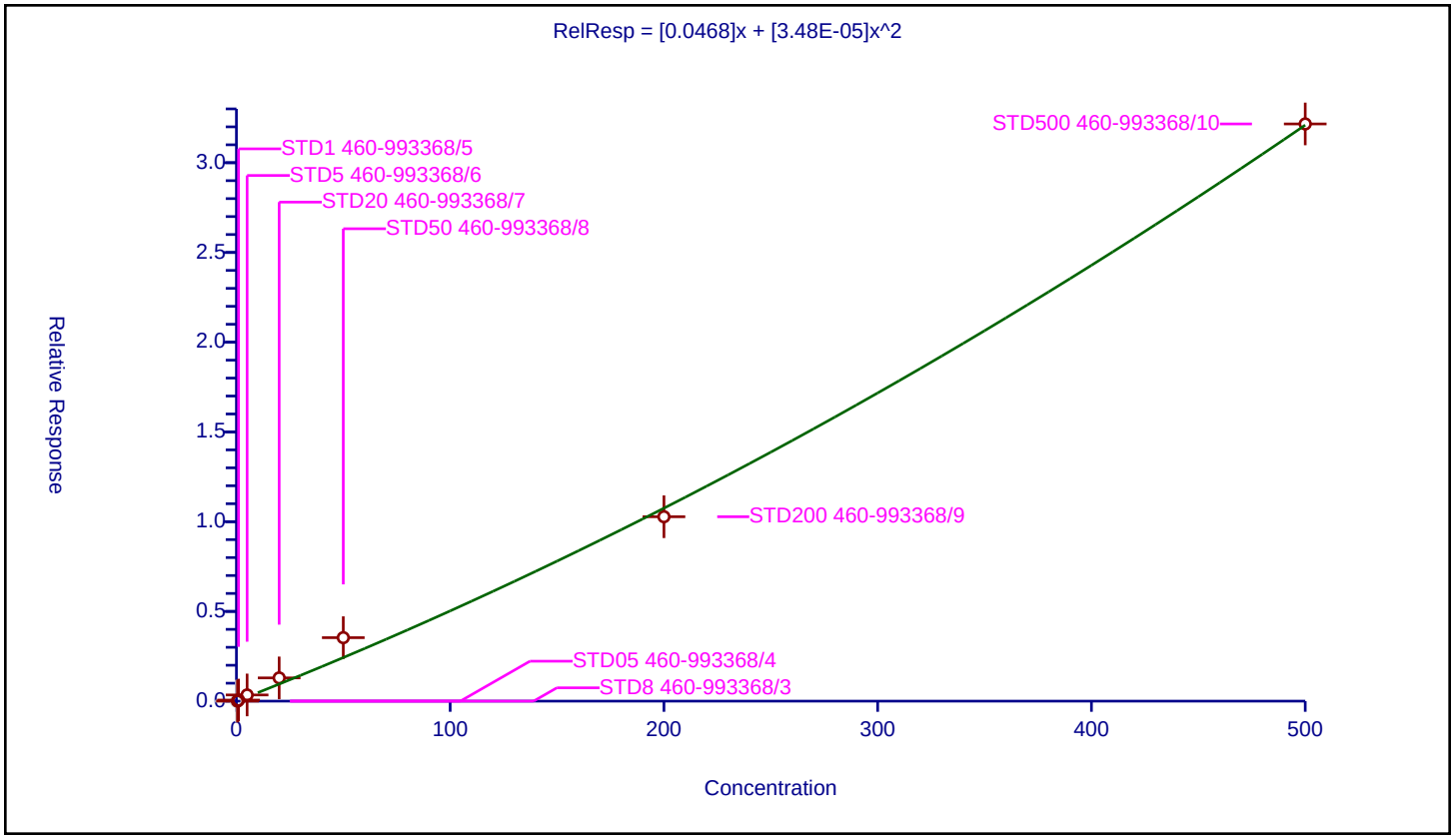
Curve Coefficients

Intercept:	0
Slope:	0.0468
Second Order:	3.48E-05

Error Coefficients

Relative Standard Deviation:	52.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.002865	50.0	767841.0	0.00573	Y
3	STD1 460-993368/5	1.0	0.058966	50.0	736870.0	0.058966	Y
4	STD5 460-993368/6	5.0	0.344781	50.0	753377.0	0.068956	Y
5	STD20 460-993368/7	20.0	1.294985	50.0	750665.0	0.064749	Y
6	STD50 460-993368/8	50.0	3.536826	50.0	760583.0	0.070737	Y
7	STD200 460-993368/9	200.0	10.275084	50.0	788850.0	0.051375	Y
8	STD500 460-993368/10	500.0	32.161985	50.0	838521.0	0.064324	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

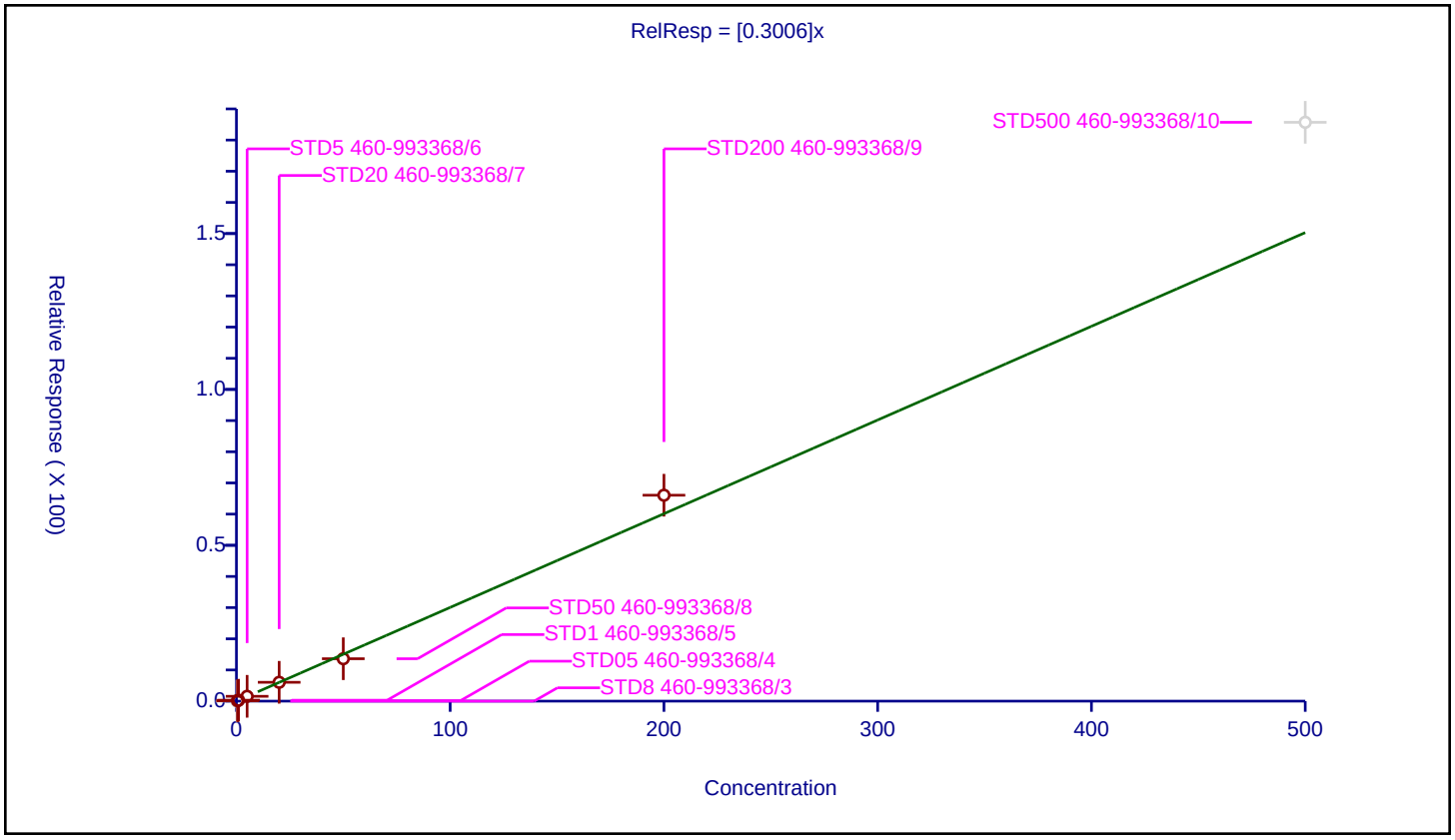
Curve Coefficients

Intercept:	0
Slope:	0.3006

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.145082	50.0	767841.0	0.290164	Y
3	STD1 460-993368/5	1.0	0.298153	50.0	736870.0	0.298153	Y
4	STD5 460-993368/6	5.0	1.552875	50.0	753377.0	0.310575	Y
5	STD20 460-993368/7	20.0	6.047838	50.0	750665.0	0.302392	Y
6	STD50 460-993368/8	50.0	13.609297	50.0	760583.0	0.272186	Y
7	STD200 460-993368/9	200.0	66.061038	50.0	788850.0	0.330305	Y
8	STD500 460-993368/10	500.0	185.693978	50.0	838521.0	0.371388	N



Calibration / Chlorodifluoromethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

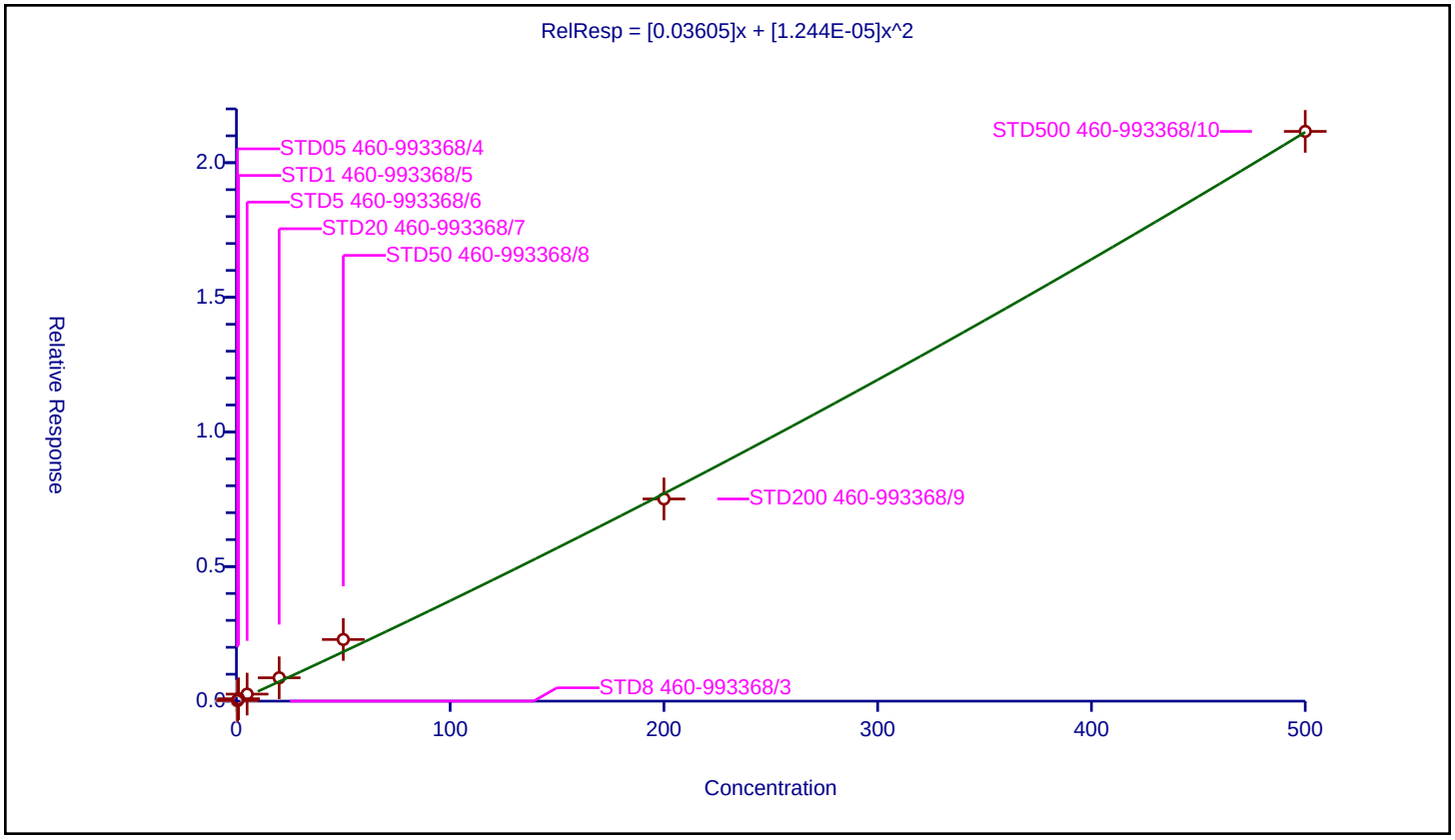
Curve Coefficients

Intercept:	0
Slope:	0.03605
Second Order:	1.244E-05

Error Coefficients

Relative Standard Deviation:	69.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.020382	50.0	767841.0	0.040764	Y
3	STD1 460-993368/5	1.0	0.088279	50.0	736870.0	0.088279	Y
4	STD5 460-993368/6	5.0	0.261489	50.0	753377.0	0.052298	Y
5	STD20 460-993368/7	20.0	0.867697	50.0	750665.0	0.043385	Y
6	STD50 460-993368/8	50.0	2.289757	50.0	760583.0	0.045795	Y
7	STD200 460-993368/9	200.0	7.51087	50.0	788850.0	0.037554	Y
8	STD500 460-993368/10	500.0	21.16399	50.0	838521.0	0.042328	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

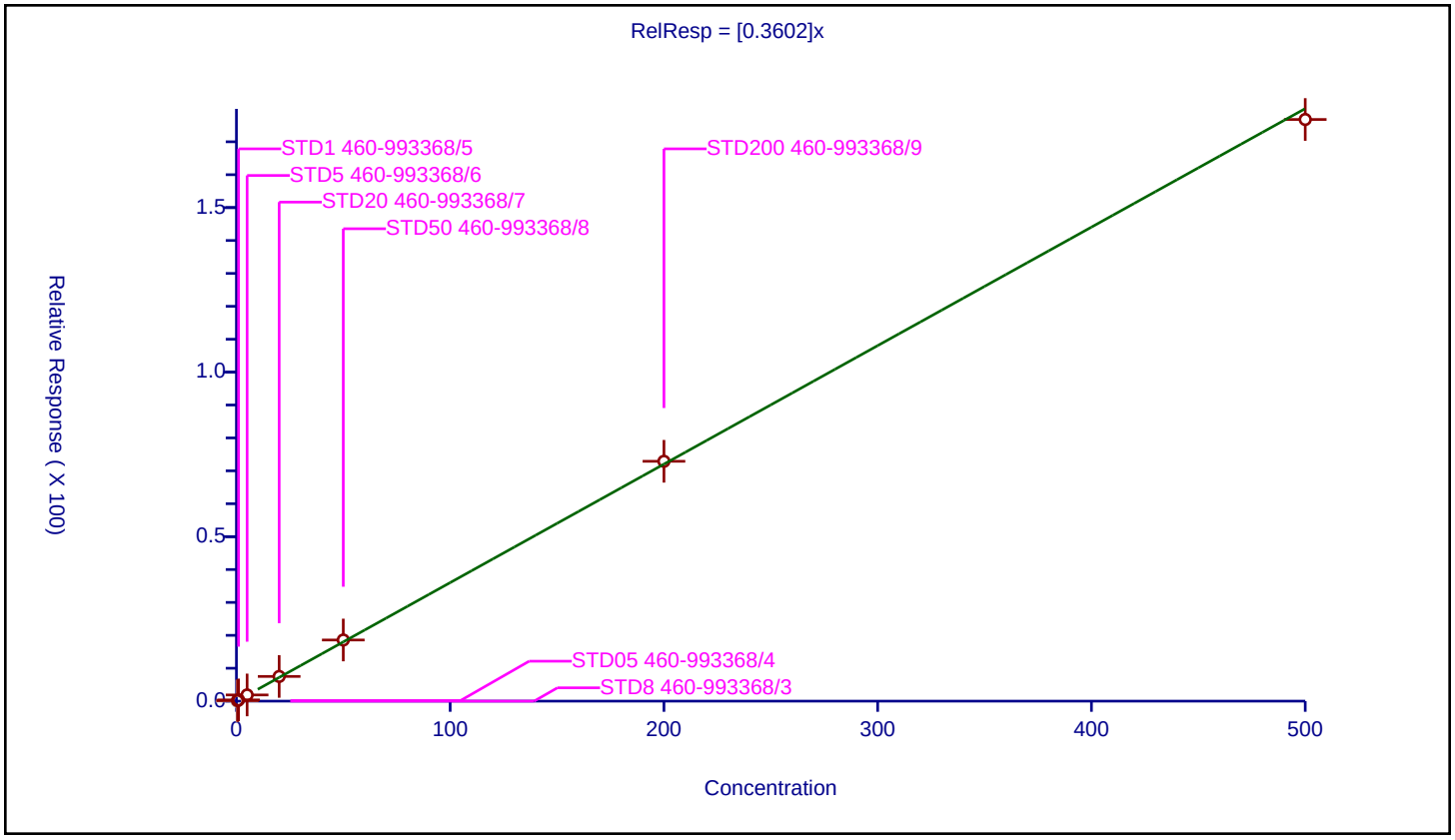
Curve Coefficients

Intercept:	0
Slope:	0.3602

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.157845	50.0	767841.0	0.31569	Y
3	STD1 460-993368/5	1.0	0.364311	50.0	736870.0	0.364311	Y
4	STD5 460-993368/6	5.0	1.881329	50.0	753377.0	0.376266	Y
5	STD20 460-993368/7	20.0	7.504146	50.0	750665.0	0.375207	Y
6	STD50 460-993368/8	50.0	18.582719	50.0	760583.0	0.371654	Y
7	STD200 460-993368/9	200.0	72.897699	50.0	788850.0	0.364488	Y
8	STD500 460-993368/10	500.0	176.77673	50.0	838521.0	0.353553	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

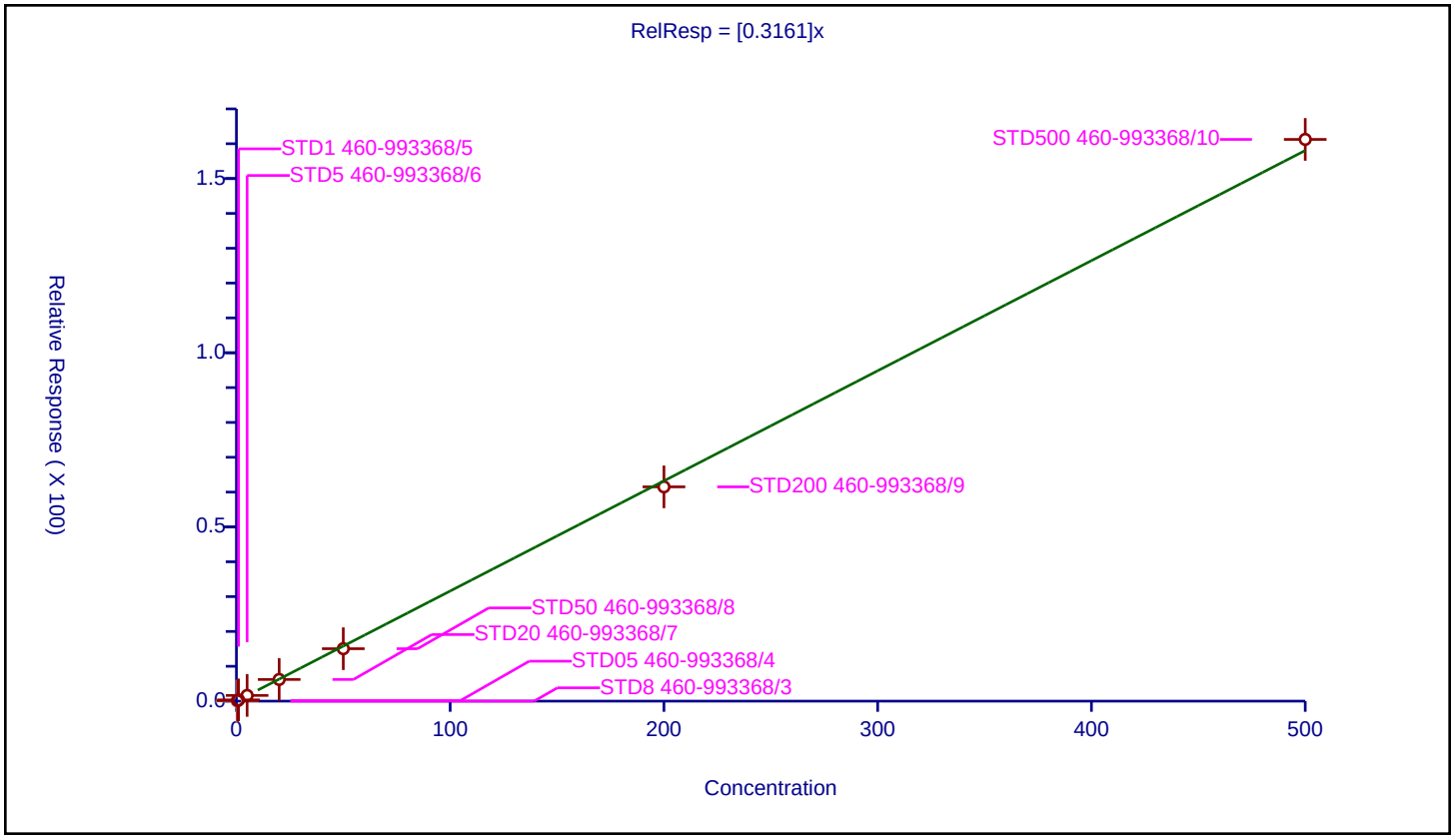
Curve Coefficients

Intercept:	0
Slope:	0.3161

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.145603	50.0	767841.0	0.291206	Y
3	STD1 460-993368/5	1.0	0.35203	50.0	736870.0	0.35203	Y
4	STD5 460-993368/6	5.0	1.63683	50.0	753377.0	0.327366	Y
5	STD20 460-993368/7	20.0	6.22175	50.0	750665.0	0.311088	Y
6	STD50 460-993368/8	50.0	15.052072	50.0	760583.0	0.301041	Y
7	STD200 460-993368/9	200.0	61.507067	50.0	788850.0	0.307535	Y
8	STD500 460-993368/10	500.0	161.2414	50.0	838521.0	0.322483	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

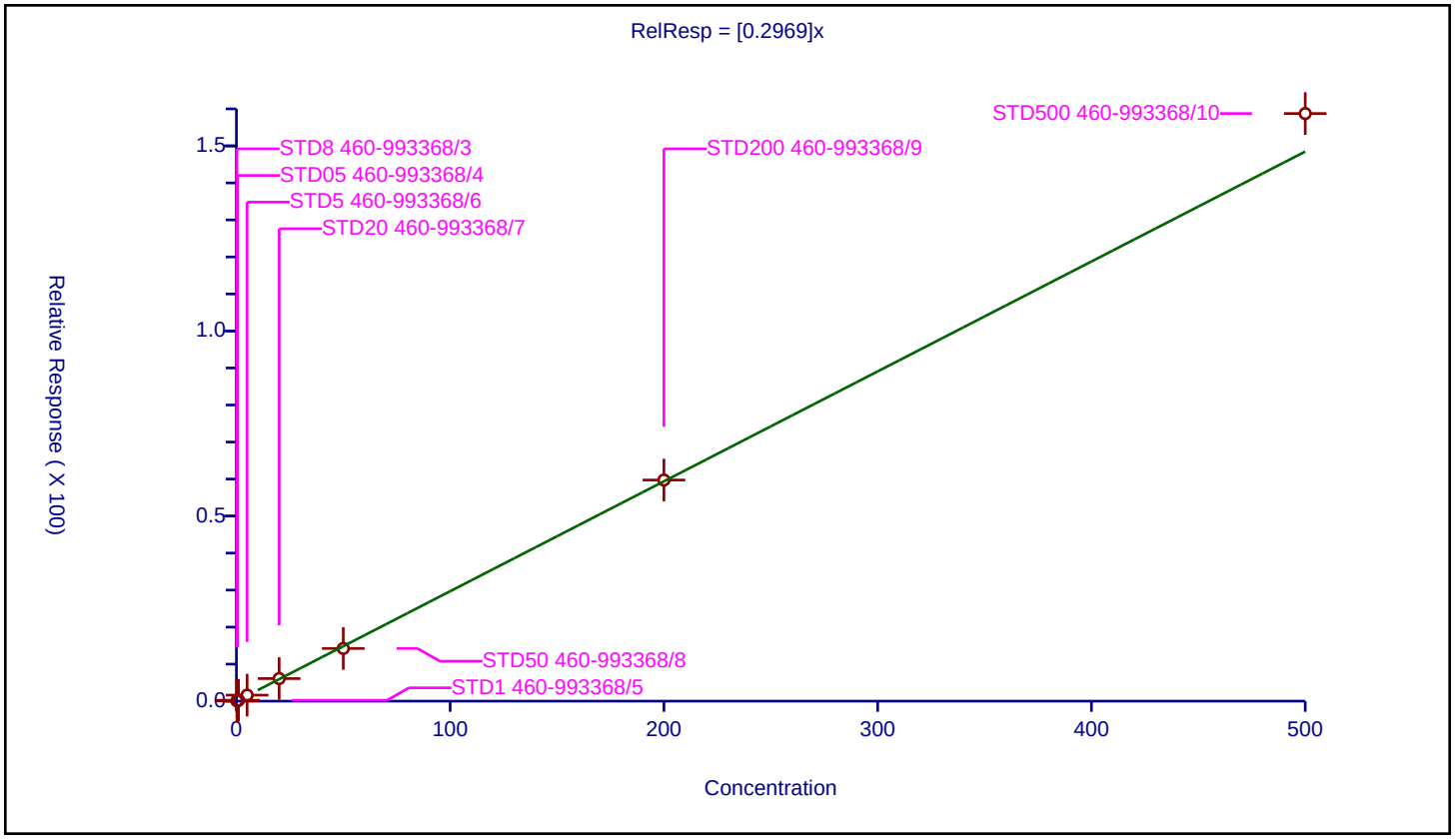
Curve Coefficients

Intercept:	0
Slope:	0.2969

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.075755	50.0	794663.0	0.303022	Y
2	STD05 460-993368/4	0.5	0.151659	50.0	767841.0	0.303318	Y
3	STD1 460-993368/5	1.0	0.238237	50.0	736870.0	0.238237	Y
4	STD5 460-993368/6	5.0	1.625879	50.0	753377.0	0.325176	Y
5	STD20 460-993368/7	20.0	6.095529	50.0	750665.0	0.304776	Y
6	STD50 460-993368/8	50.0	14.238223	50.0	760583.0	0.284764	Y
7	STD200 460-993368/9	200.0	59.73398	50.0	788850.0	0.29867	Y
8	STD500 460-993368/10	500.0	158.739912	50.0	838521.0	0.31748	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

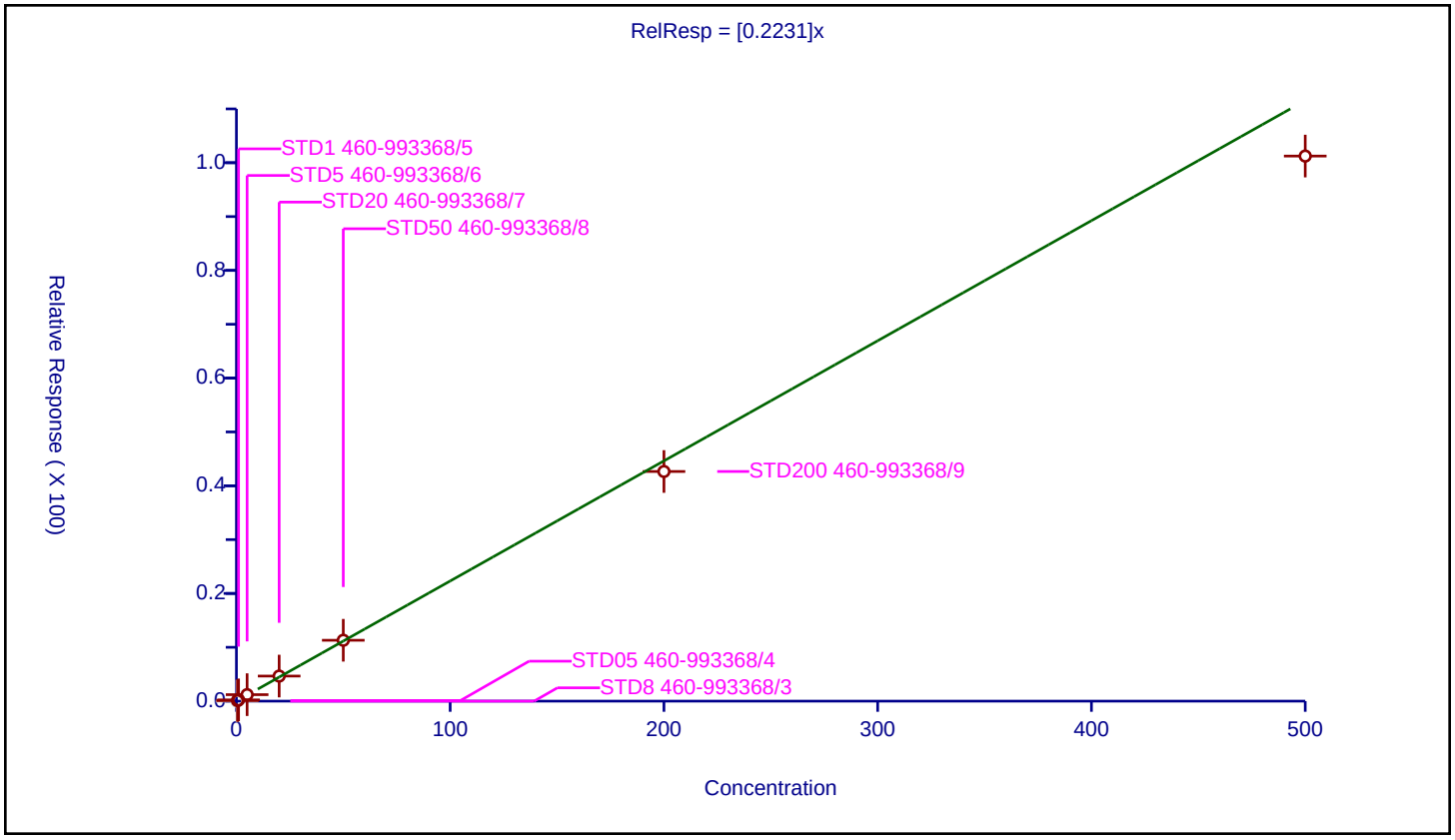
Curve Coefficients

Intercept:	0
Slope:	0.2231

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.107835	50.0	767841.0	0.21567	Y
3	STD1 460-993368/5	1.0	0.230231	50.0	736870.0	0.230231	Y
4	STD5 460-993368/6	5.0	1.205771	50.0	753377.0	0.241154	Y
5	STD20 460-993368/7	20.0	4.656271	50.0	750665.0	0.232814	Y
6	STD50 460-993368/8	50.0	11.307116	50.0	760583.0	0.226142	Y
7	STD200 460-993368/9	200.0	42.653356	50.0	788850.0	0.213267	Y
8	STD500 460-993368/10	500.0	101.238788	50.0	838521.0	0.202478	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

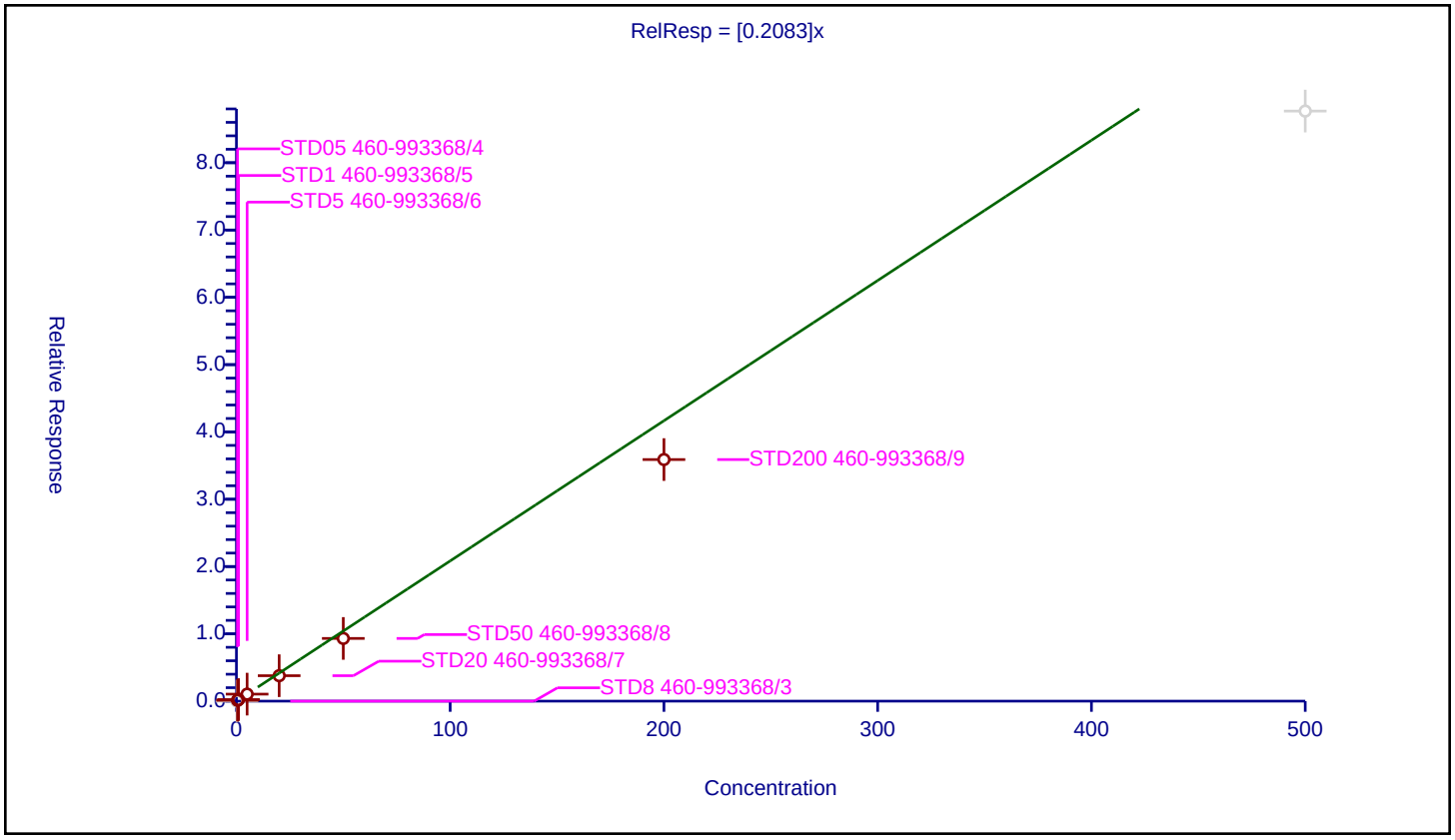
Curve Coefficients

Intercept:	0
Slope:	0.2083

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.128086	50.0	767841.0	0.256173	Y
3	STD1 460-993368/5	1.0	0.230095	50.0	736870.0	0.230095	Y
4	STD5 460-993368/6	5.0	1.043701	50.0	753377.0	0.20874	Y
5	STD20 460-993368/7	20.0	3.782979	50.0	750665.0	0.189149	Y
6	STD50 460-993368/8	50.0	9.317589	50.0	760583.0	0.186352	Y
7	STD200 460-993368/9	200.0	35.896178	50.0	788850.0	0.179481	Y
8	STD500 460-993368/10	500.0	87.675443	50.0	838521.0	0.175351	N



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

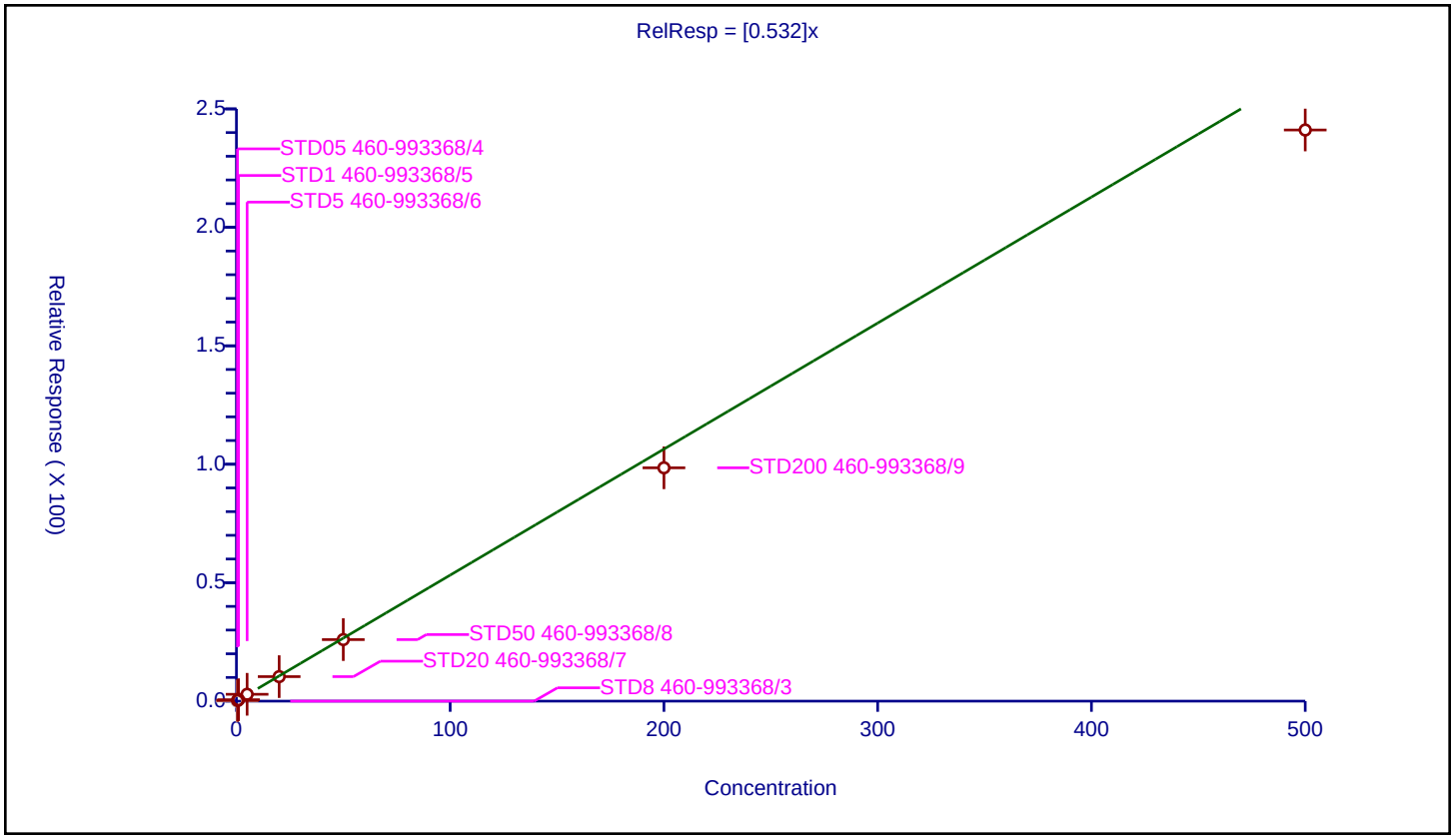
Curve Coefficients

Intercept:	0
Slope:	0.532

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.266787	50.0	767841.0	0.533574	Y
3	STD1 460-993368/5	1.0	0.600242	50.0	736870.0	0.600242	Y
4	STD5 460-993368/6	5.0	2.890585	50.0	753377.0	0.578117	Y
5	STD20 460-993368/7	20.0	10.352421	50.0	750665.0	0.517621	Y
6	STD50 460-993368/8	50.0	25.980399	50.0	760583.0	0.519608	Y
7	STD200 460-993368/9	200.0	98.488116	50.0	788850.0	0.492441	Y
8	STD500 460-993368/10	500.0	241.093723	50.0	838521.0	0.482187	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

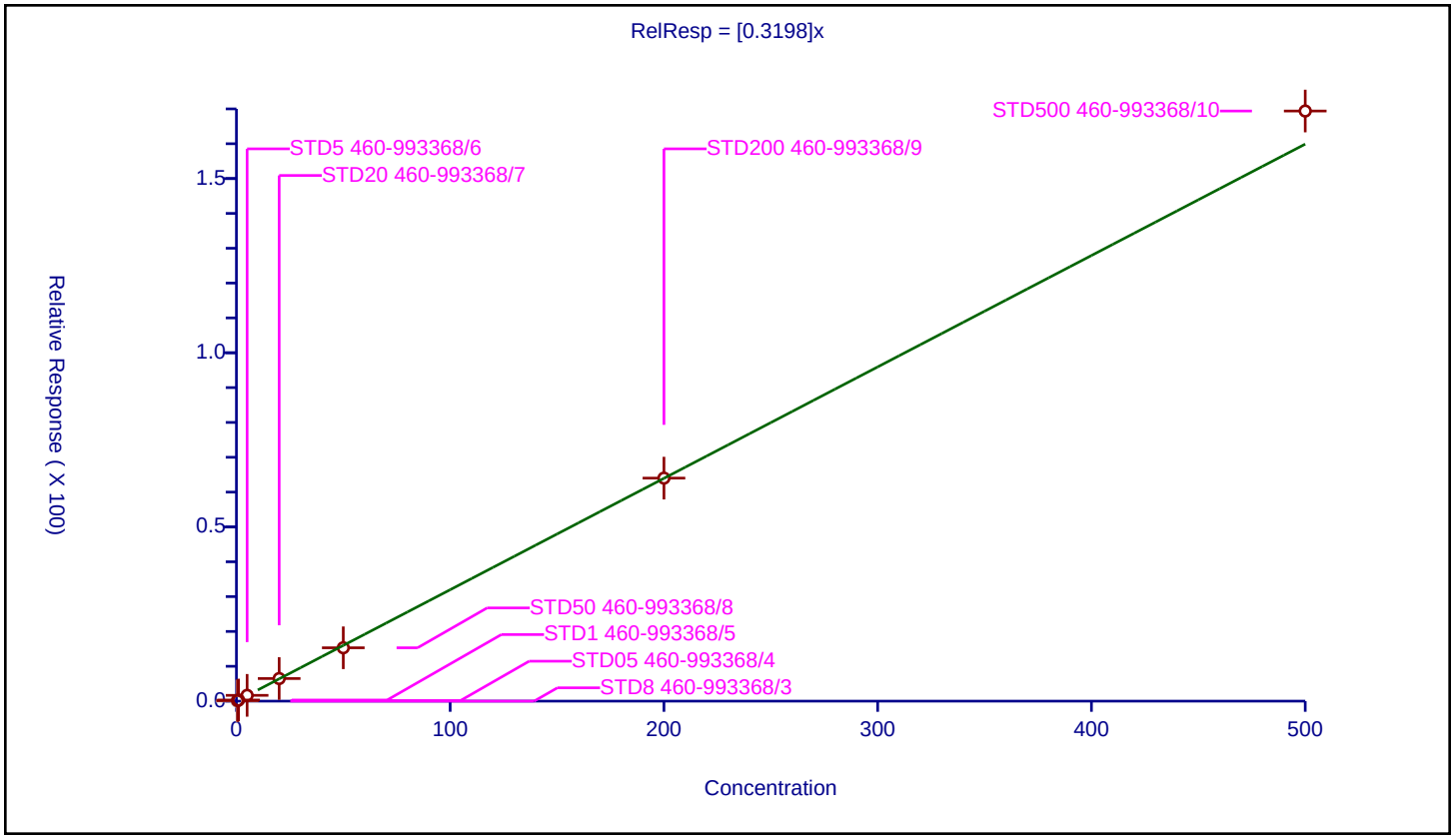
Curve Coefficients

Intercept:	0
Slope:	0.3198

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.151073	50.0	767841.0	0.302146	Y
3	STD1 460-993368/5	1.0	0.314574	50.0	736870.0	0.314574	Y
4	STD5 460-993368/6	5.0	1.661386	50.0	753377.0	0.332277	Y
5	STD20 460-993368/7	20.0	6.485649	50.0	750665.0	0.324282	Y
6	STD50 460-993368/8	50.0	15.320682	50.0	760583.0	0.306414	Y
7	STD200 460-993368/9	200.0	64.017367	50.0	788850.0	0.320087	Y
8	STD500 460-993368/10	500.0	169.385561	50.0	838521.0	0.338771	Y



Calibration / Pentane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

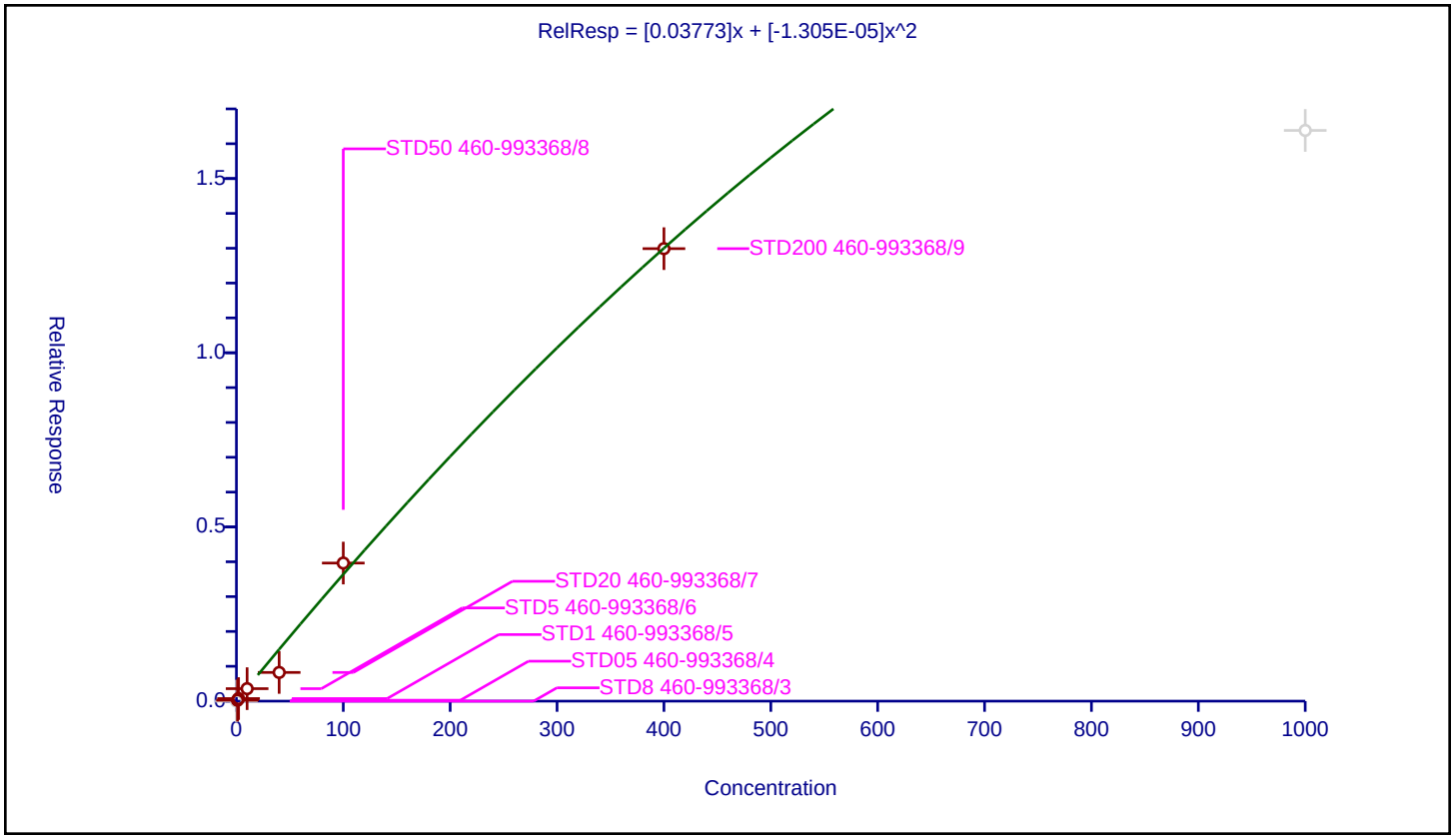
Curve Coefficients

Intercept:	0
Slope:	0.03773
Second Order:	-1.305E-05

Error Coefficients

Relative Standard Deviation:	27.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.026438	50.0	767841.0	0.026438	Y
3	STD1 460-993368/5	2.0	0.073826	50.0	736870.0	0.036913	Y
4	STD5 460-993368/6	10.0	0.358121	50.0	753377.0	0.035812	Y
5	STD20 460-993368/7	40.0	0.824003	50.0	750665.0	0.0206	Y
6	STD50 460-993368/8	100.0	3.963407	50.0	760583.0	0.039634	Y
7	STD200 460-993368/9	400.0	12.988654	50.0	788850.0	0.032472	Y
8	STD500 460-993368/10	1000.0	16.381343	50.0	838521.0	0.016381	N



Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

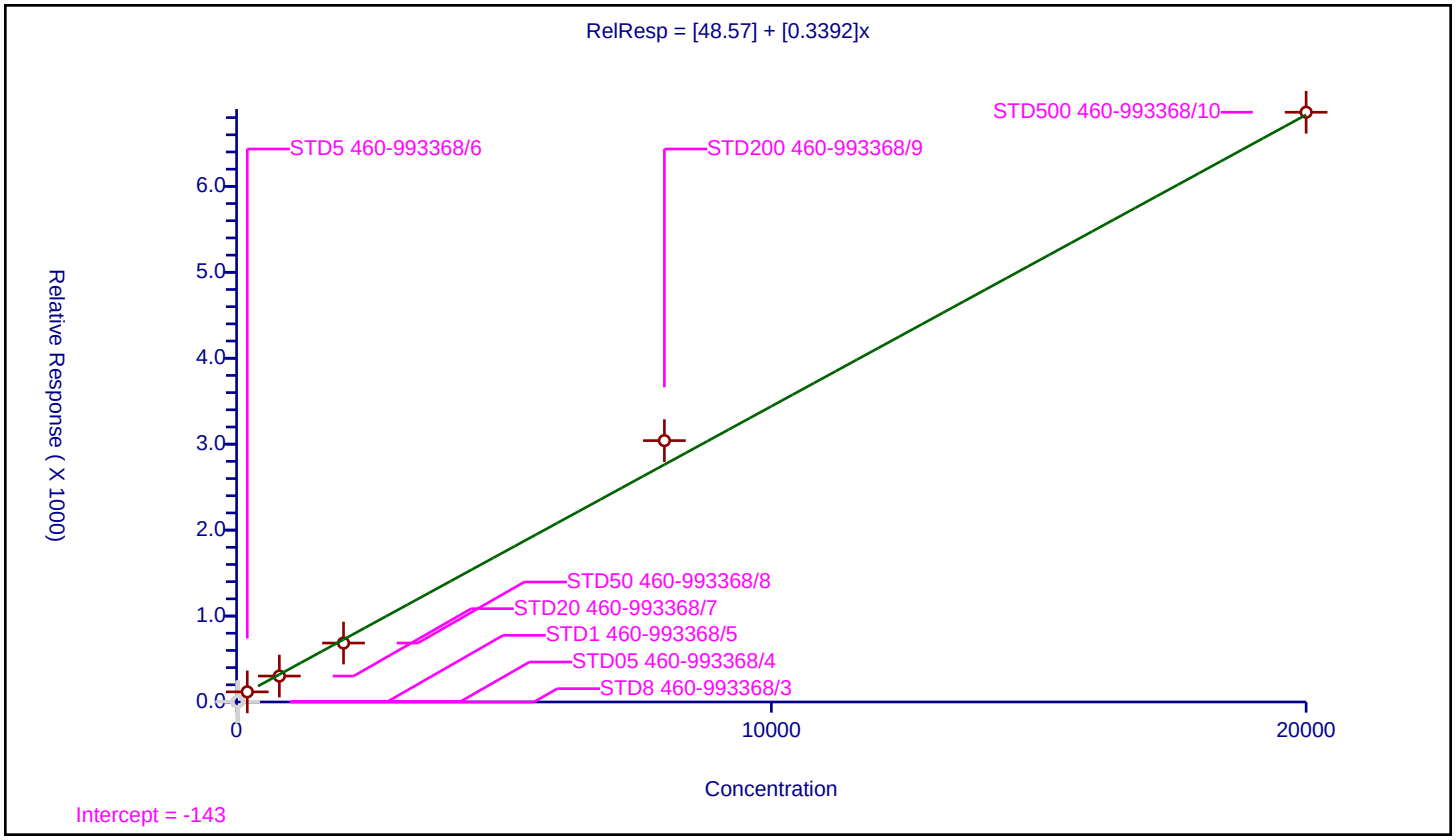
Curve Coefficients

Intercept:	48.57
Slope:	0.3392

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	20.0	6.320431	1000.0	40820.0	0.316022	N
3	STD1 460-993368/5	40.0	3.594982	1000.0	40334.0	0.089875	N
4	STD5 460-993368/6	200.0	117.779805	1000.0	41654.0	0.588899	Y
5	STD20 460-993368/7	800.0	301.683545	1000.0	46509.0	0.377104	Y
6	STD50 460-993368/8	2000.0	686.059043	1000.0	51962.0	0.34303	Y
7	STD200 460-993368/9	8000.0	3041.538549	1000.0	53011.0	0.380192	Y
8	STD500 460-993368/10	20000.0	6862.535954	1000.0	66752.0	0.343127	Y



Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

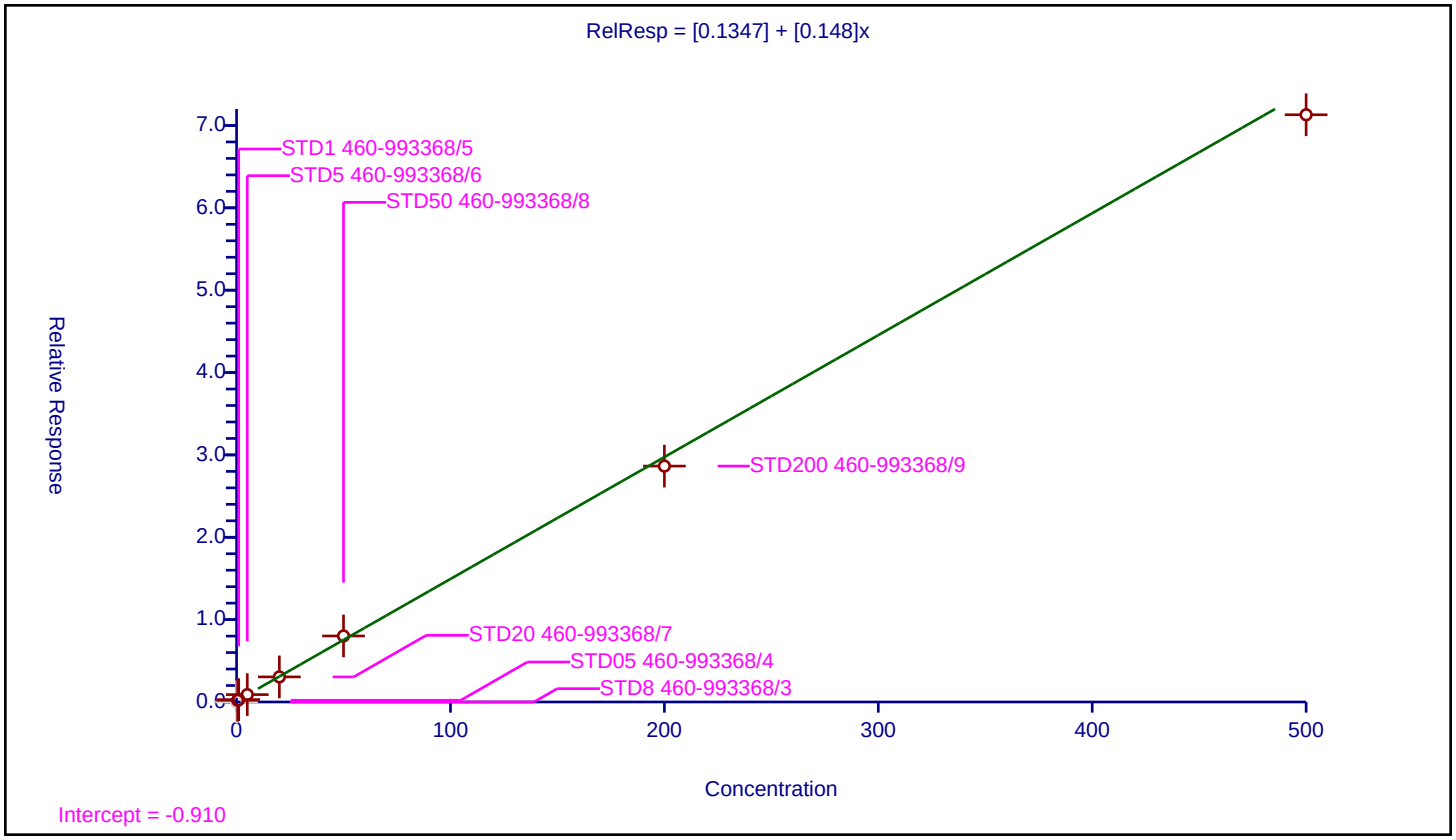
Curve Coefficients

Intercept:	0.1347
Slope:	0.148

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.208376	50.0	767841.0	0.416753	Y
3	STD1 460-993368/5	1.0	0.283361	50.0	736870.0	0.283361	Y
4	STD5 460-993368/6	5.0	0.895767	50.0	753377.0	0.179153	Y
5	STD20 460-993368/7	20.0	3.046699	50.0	750665.0	0.152335	Y
6	STD50 460-993368/8	50.0	8.013984	50.0	760583.0	0.16028	Y
7	STD200 460-993368/9	200.0	28.645243	50.0	788850.0	0.143226	Y
8	STD500 460-993368/10	500.0	71.304893	50.0	838521.0	0.14261	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

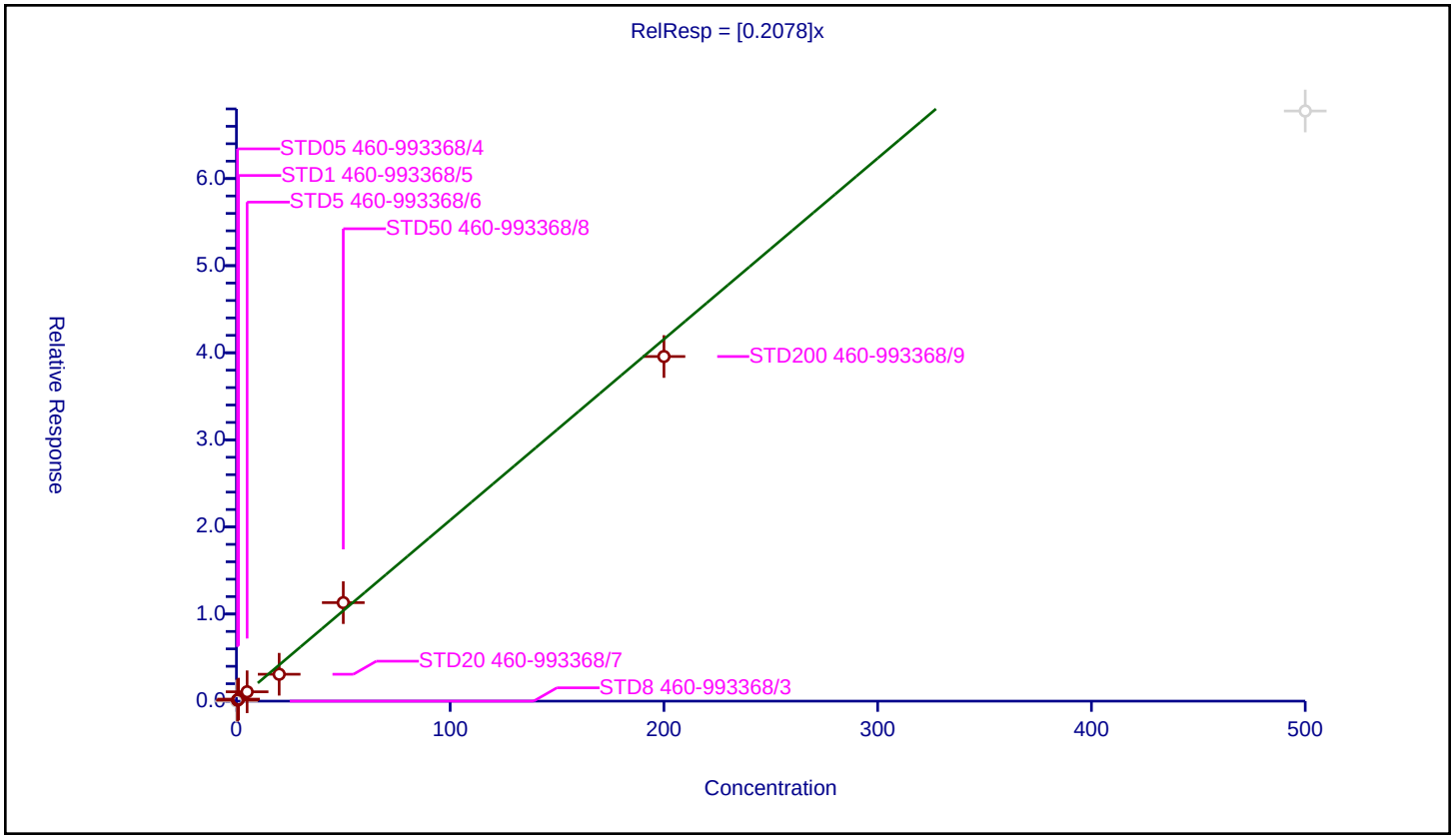
Curve Coefficients

Intercept:	0
Slope:	0.2078

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.111937	50.0	767841.0	0.223874	Y
3	STD1 460-993368/5	1.0	0.22962	50.0	736870.0	0.22962	Y
4	STD5 460-993368/6	5.0	1.073765	50.0	753377.0	0.214753	Y
5	STD20 460-993368/7	20.0	3.087795	50.0	750665.0	0.15439	Y
6	STD50 460-993368/8	50.0	11.309351	50.0	760583.0	0.226187	Y
7	STD200 460-993368/9	200.0	39.568803	50.0	788850.0	0.197844	Y
8	STD500 460-993368/10	500.0	67.758231	50.0	838521.0	0.135516	N



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

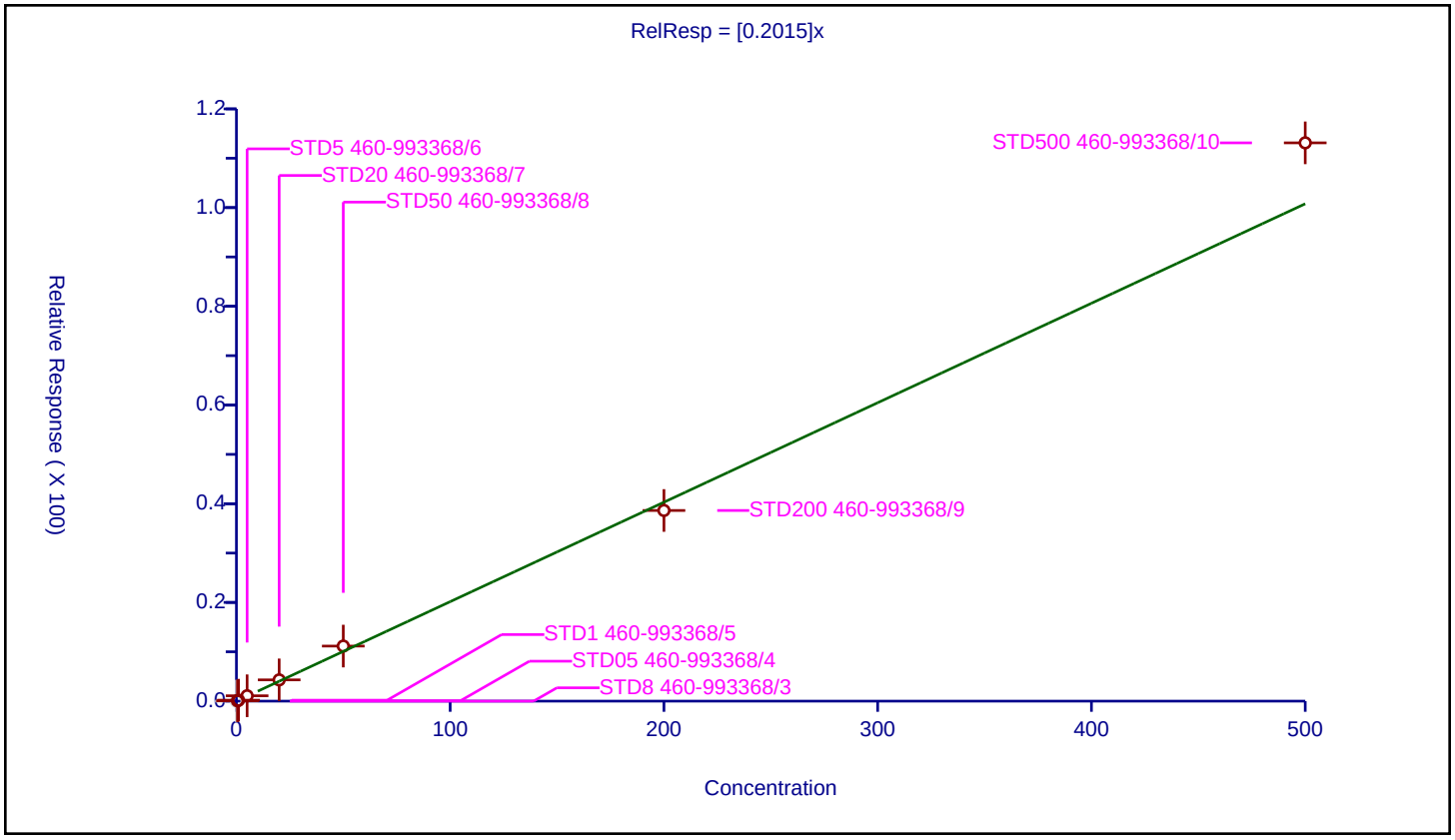
Curve Coefficients

Intercept:	0
Slope:	0.2015

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.072997	50.0	767841.0	0.145994	Y
3	STD1 460-993368/5	1.0	0.189586	50.0	736870.0	0.189586	Y
4	STD5 460-993368/6	5.0	1.08611	50.0	753377.0	0.217222	Y
5	STD20 460-993368/7	20.0	4.308846	50.0	750665.0	0.215442	Y
6	STD50 460-993368/8	50.0	11.156639	50.0	760583.0	0.223133	Y
7	STD200 460-993368/9	200.0	38.631742	50.0	788850.0	0.193159	Y
8	STD500 460-993368/10	500.0	113.118634	50.0	838521.0	0.226237	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

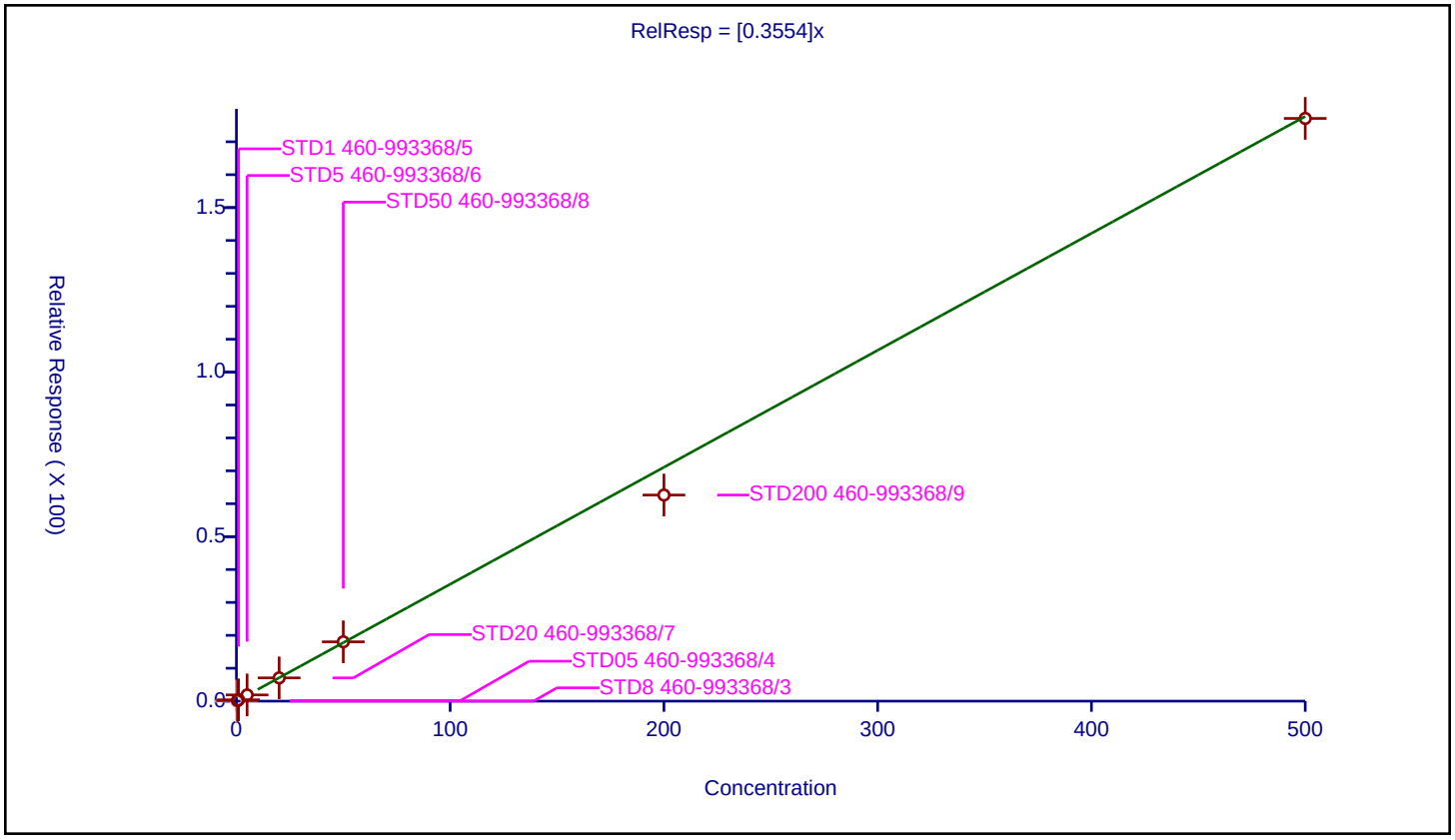
Curve Coefficients

Intercept:	0
Slope:	0.3554

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.163445	50.0	767841.0	0.326891	Y
3	STD1 460-993368/5	1.0	0.400681	50.0	736870.0	0.400681	Y
4	STD5 460-993368/6	5.0	1.893541	50.0	753377.0	0.378708	Y
5	STD20 460-993368/7	20.0	7.072995	50.0	750665.0	0.35365	Y
6	STD50 460-993368/8	50.0	18.029853	50.0	760583.0	0.360597	Y
7	STD200 460-993368/9	200.0	62.64163	50.0	788850.0	0.313208	Y
8	STD500 460-993368/10	500.0	177.099441	50.0	838521.0	0.354199	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

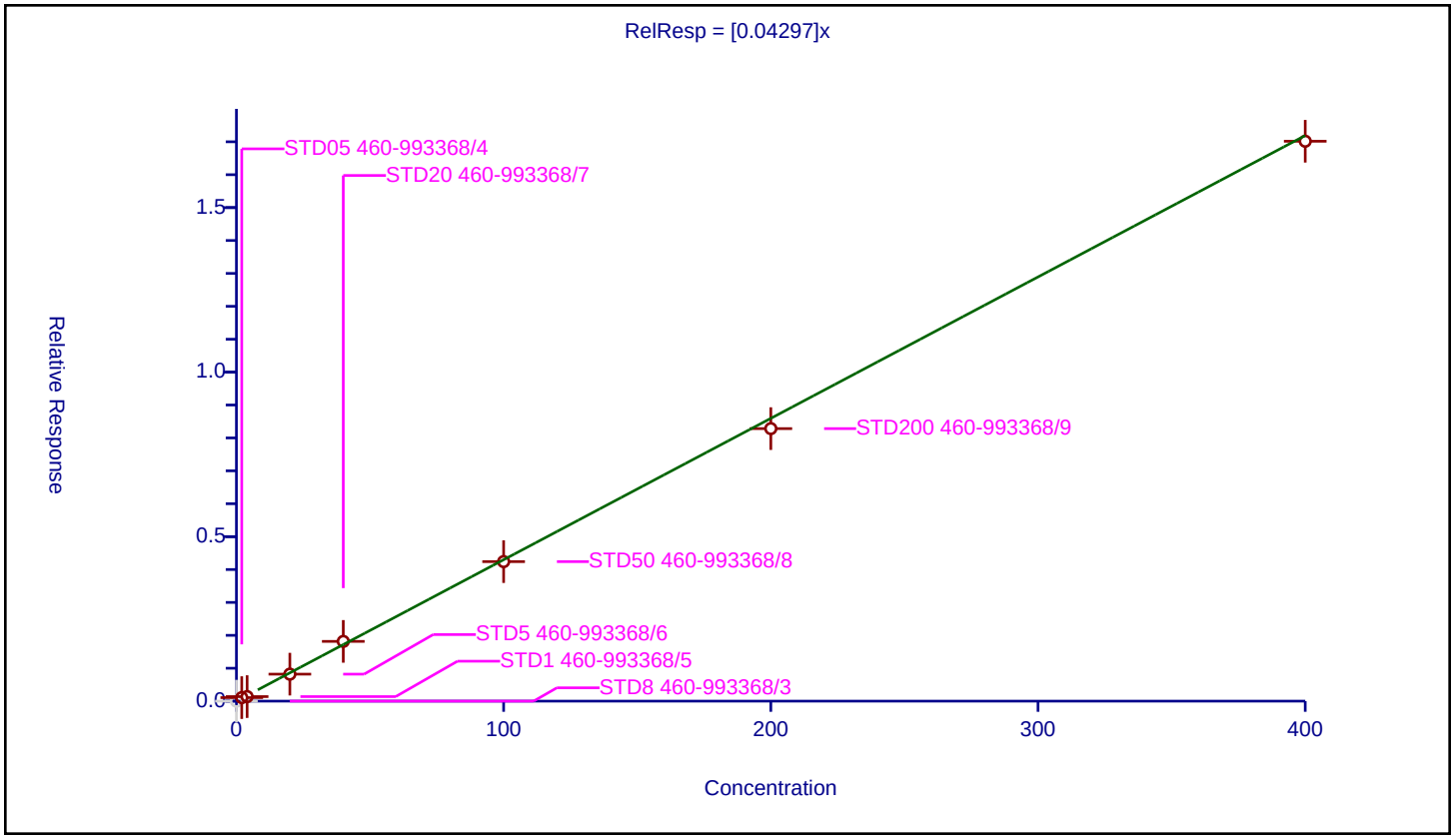
Curve Coefficients

Intercept:	0
Slope:	0.04297

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	2.0	0.107119	50.0	767841.0	0.053559	Y
3	STD1 460-993368/5	4.0	0.13788	50.0	736870.0	0.03447	Y
4	STD5 460-993368/6	20.0	0.820572	50.0	753377.0	0.041029	Y
5	STD20 460-993368/7	40.0	1.815923	50.0	750665.0	0.045398	Y
6	STD50 460-993368/8	100.0	4.2403	50.0	760583.0	0.042403	Y
7	STD200 460-993368/9	200.0	8.283387	50.0	788850.0	0.041417	Y
8	STD500 460-993368/10	400.0	17.016807	50.0	838521.0	0.042542	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

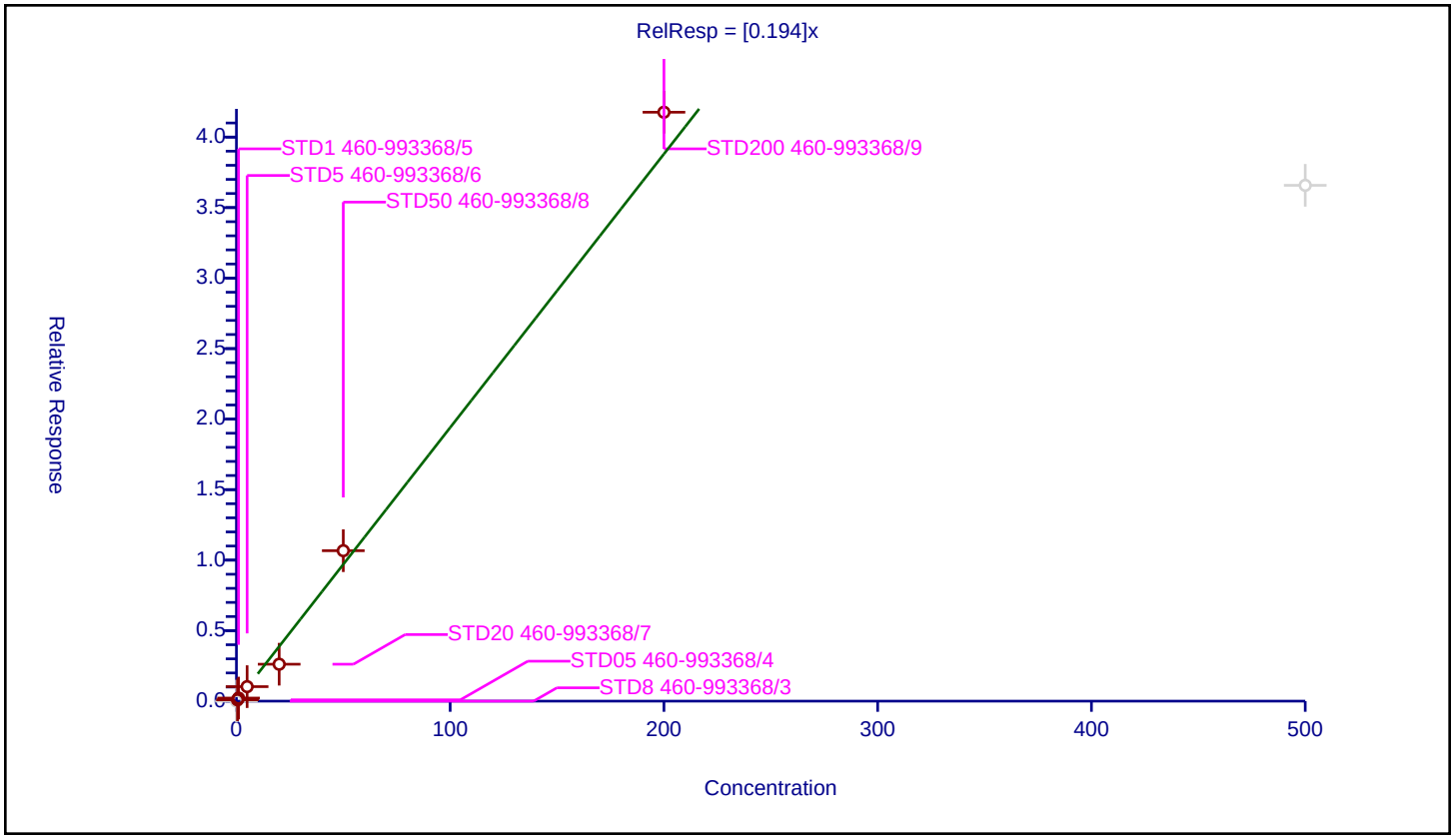
Curve Coefficients

Intercept:	0
Slope:	0.194

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.093769	50.0	767841.0	0.187539	Y
3	STD1 460-993368/5	1.0	0.217813	50.0	736870.0	0.217813	Y
4	STD5 460-993368/6	5.0	1.028104	50.0	753377.0	0.205621	Y
5	STD20 460-993368/7	20.0	2.619144	50.0	750665.0	0.130957	Y
6	STD50 460-993368/8	50.0	10.668001	50.0	760583.0	0.21336	Y
7	STD200 460-993368/9	200.0	41.76396	50.0	788850.0	0.20882	Y
8	STD500 460-993368/10	500.0	36.57875	50.0	838521.0	0.073157	N



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

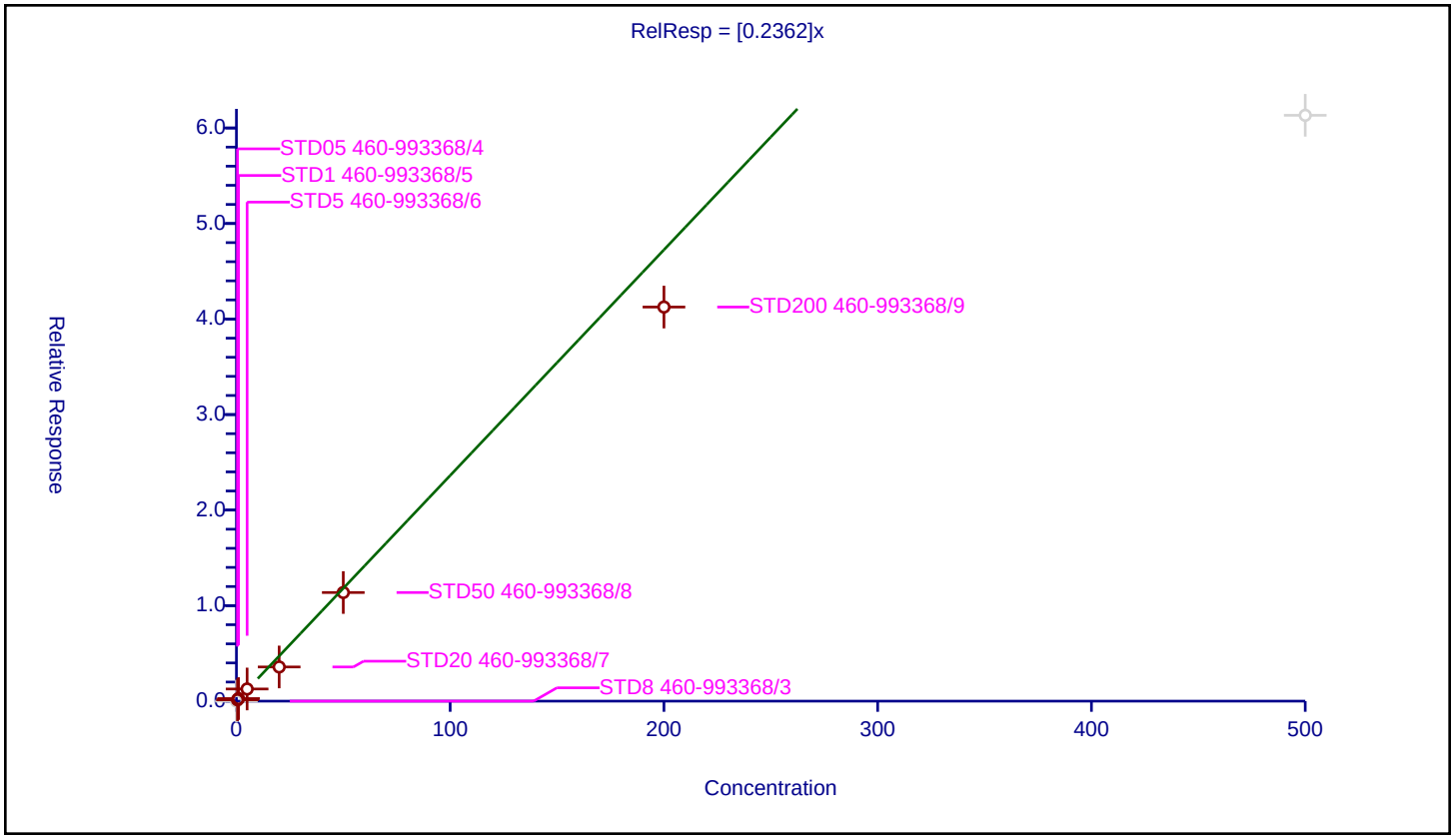
Curve Coefficients

Intercept:	0
Slope:	0.2362

Error Coefficients

Relative Standard Deviation:	16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.140524	50.0	767841.0	0.281048	Y
3	STD1 460-993368/5	1.0	0.269518	50.0	736870.0	0.269518	Y
4	STD5 460-993368/6	5.0	1.271541	50.0	753377.0	0.254308	Y
5	STD20 460-993368/7	20.0	3.577295	50.0	750665.0	0.178865	Y
6	STD50 460-993368/8	50.0	11.371343	50.0	760583.0	0.227427	Y
7	STD200 460-993368/9	200.0	41.255879	50.0	788850.0	0.206279	Y
8	STD500 460-993368/10	500.0	61.328279	50.0	838521.0	0.122657	N



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

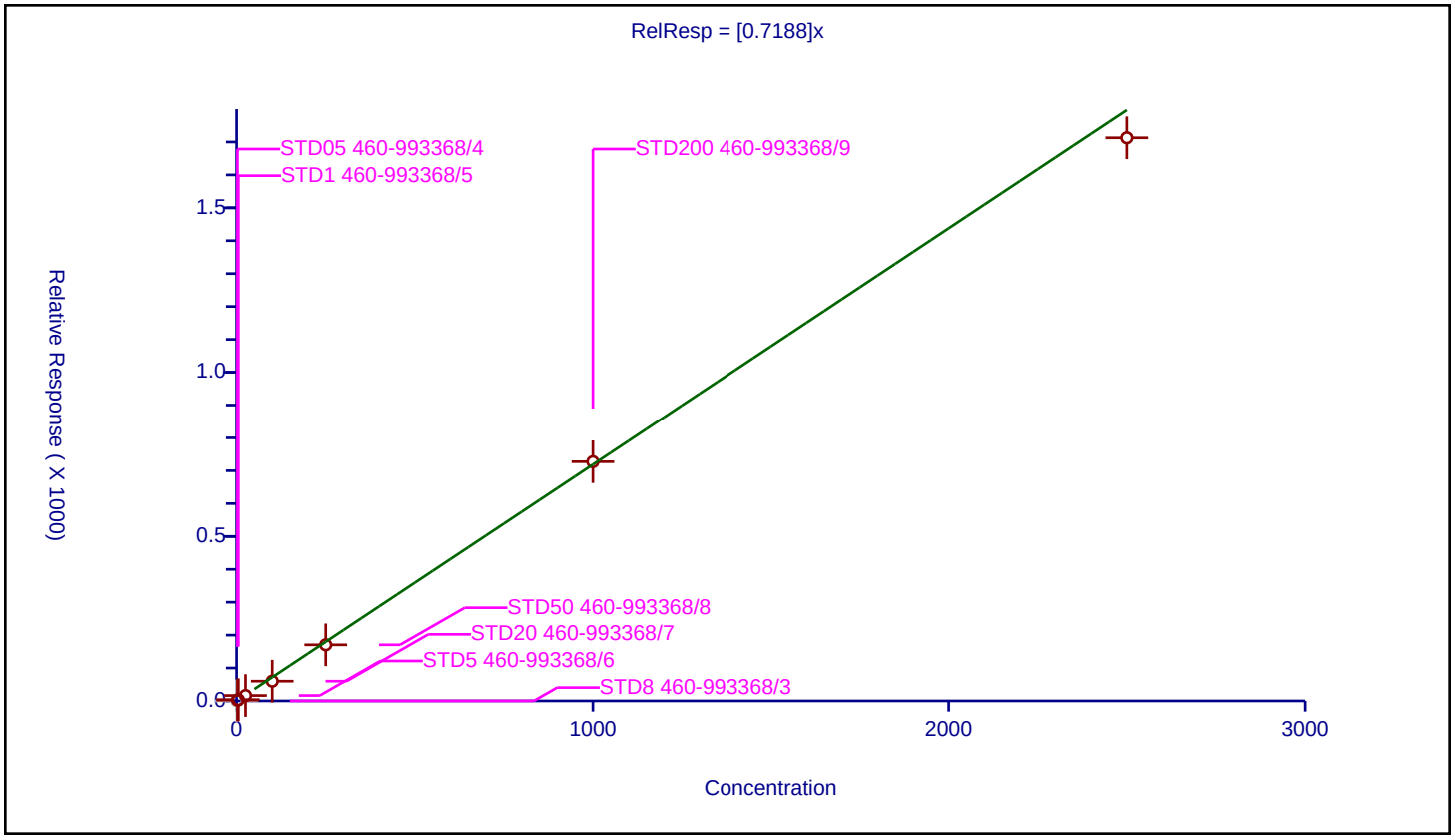
Curve Coefficients

Intercept:	0
Slope:	0.7188

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	2.382391	250.0	395506.0	0.952956	Y
3	STD1 460-993368/5	5.0	3.647848	250.0	398180.0	0.72957	Y
4	STD5 460-993368/6	25.0	16.353561	250.0	406838.0	0.654142	Y
5	STD20 460-993368/7	100.0	60.053248	250.0	409216.0	0.600532	Y
6	STD50 460-993368/8	250.0	170.505206	250.0	425965.0	0.682021	Y
7	STD200 460-993368/9	1000.0	727.463209	250.0	444806.0	0.727463	Y
8	STD500 460-993368/10	2500.0	1712.817426	250.0	496691.0	0.685127	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

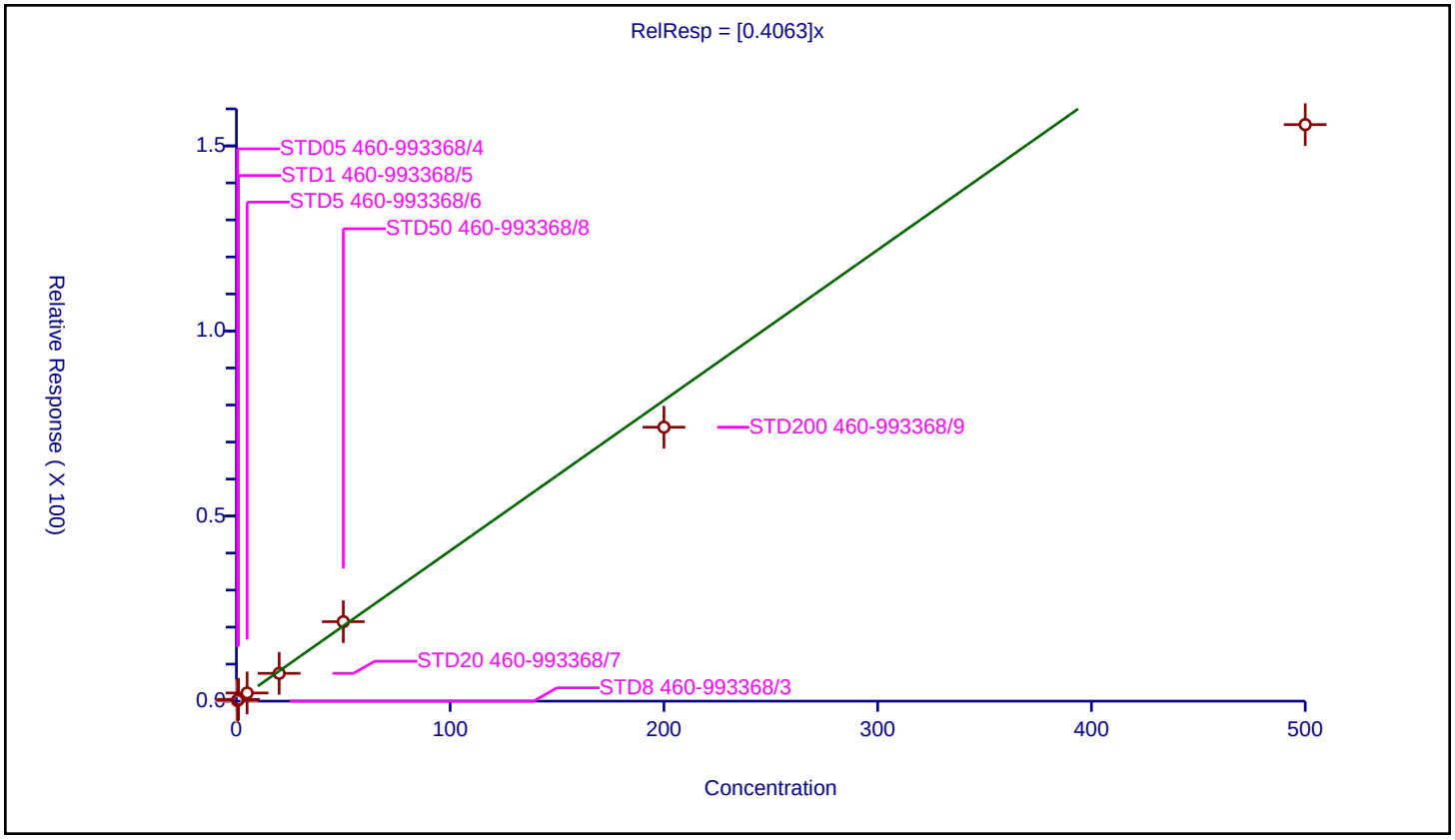
Curve Coefficients

Intercept:	0
Slope:	0.4063

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.214563	50.0	767841.0	0.429125	Y
3	STD1 460-993368/5	1.0	0.486992	50.0	736870.0	0.486992	Y
4	STD5 460-993368/6	5.0	2.210845	50.0	753377.0	0.442169	Y
5	STD20 460-993368/7	20.0	7.505478	50.0	750665.0	0.375274	Y
6	STD50 460-993368/8	50.0	21.464193	50.0	760583.0	0.429284	Y
7	STD200 460-993368/9	200.0	74.007669	50.0	788850.0	0.370038	Y
8	STD500 460-993368/10	500.0	155.753583	50.0	838521.0	0.311507	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

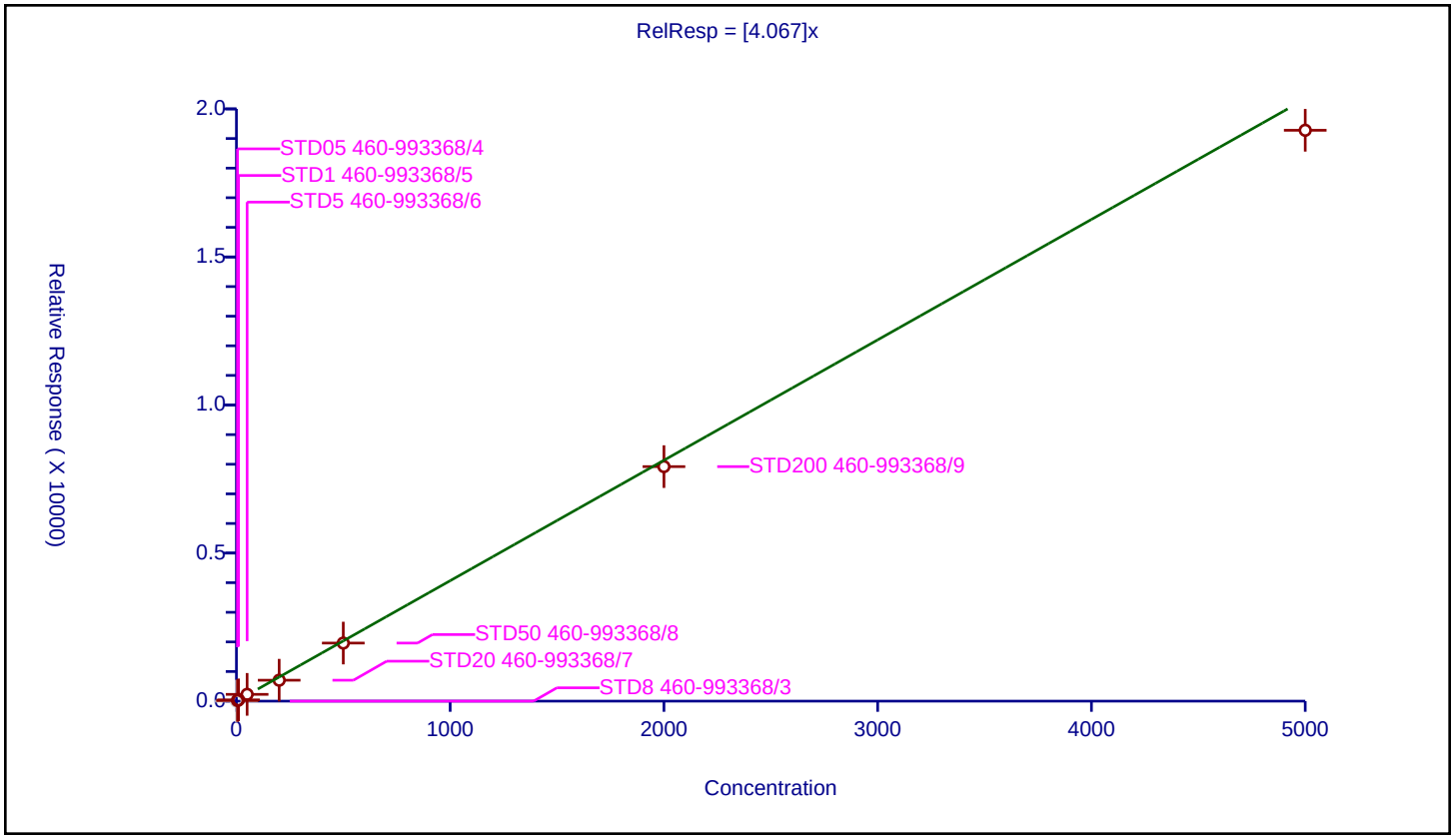
Curve Coefficients

Intercept:	0
Slope:	4.067

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	5.0	21.55806	1000.0	40820.0	4.311612	Y
3	STD1 460-993368/5	10.0	43.065404	1000.0	40334.0	4.30654	Y
4	STD5 460-993368/6	50.0	228.957603	1000.0	41654.0	4.579152	Y
5	STD20 460-993368/7	200.0	706.658926	1000.0	46509.0	3.533295	Y
6	STD50 460-993368/8	500.0	1960.85601	1000.0	51962.0	3.921712	Y
7	STD200 460-993368/9	2000.0	7919.903416	1000.0	53011.0	3.959952	Y
8	STD500 460-993368/10	5000.0	19277.80441	1000.0	66752.0	3.855561	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

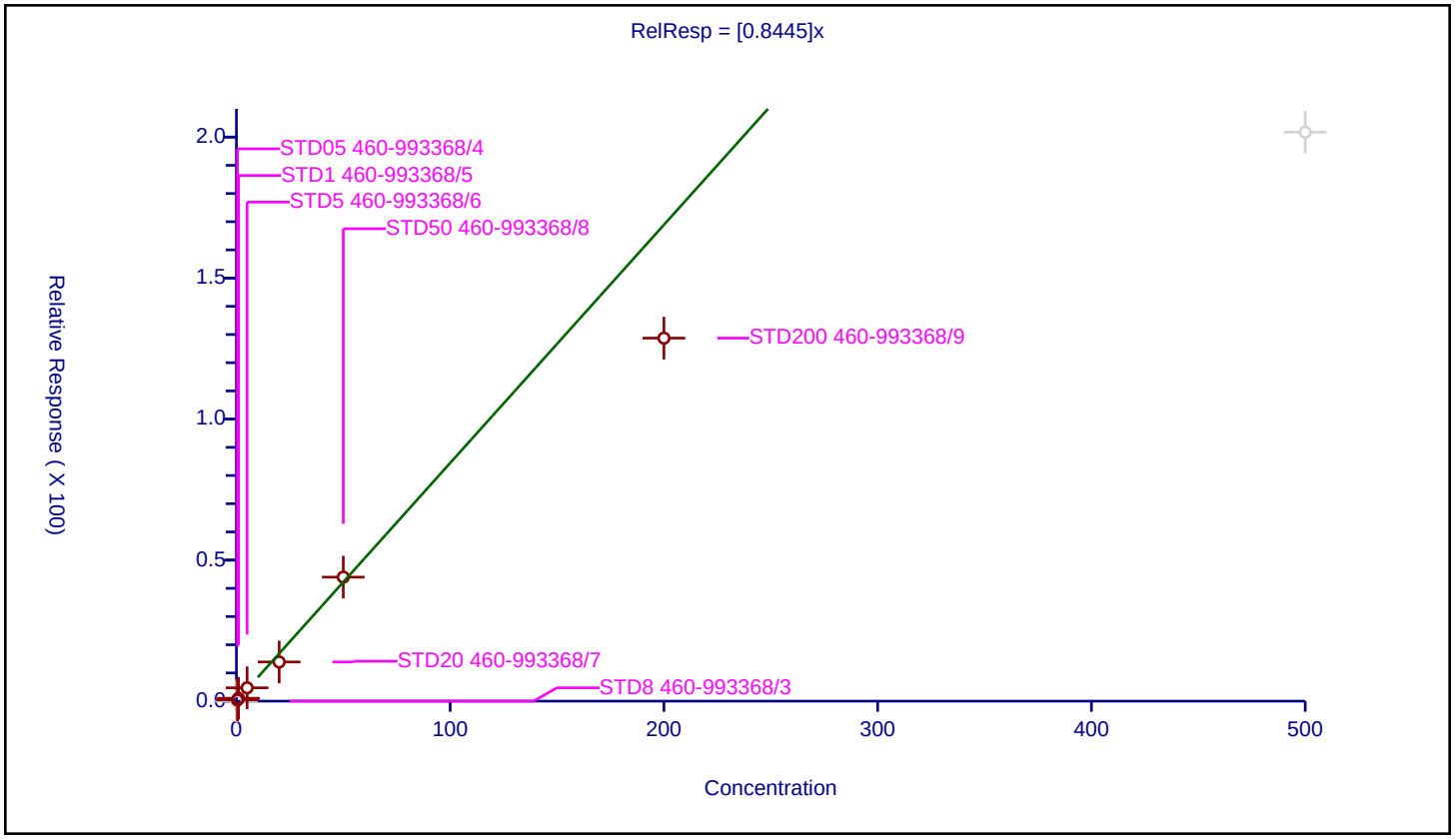
Curve Coefficients

Intercept:	0
Slope:	0.8445

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.441693	50.0	767841.0	0.883386	Y
3	STD1 460-993368/5	1.0	1.020872	50.0	736870.0	1.020872	Y
4	STD5 460-993368/6	5.0	4.726452	50.0	753377.0	0.94529	Y
5	STD20 460-993368/7	20.0	13.89075	50.0	750665.0	0.694538	Y
6	STD50 460-993368/8	50.0	43.963644	50.0	760583.0	0.879273	Y
7	STD200 460-993368/9	200.0	128.714331	50.0	788850.0	0.643572	Y
8	STD500 460-993368/10	500.0	201.750523	50.0	838521.0	0.403501	N



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

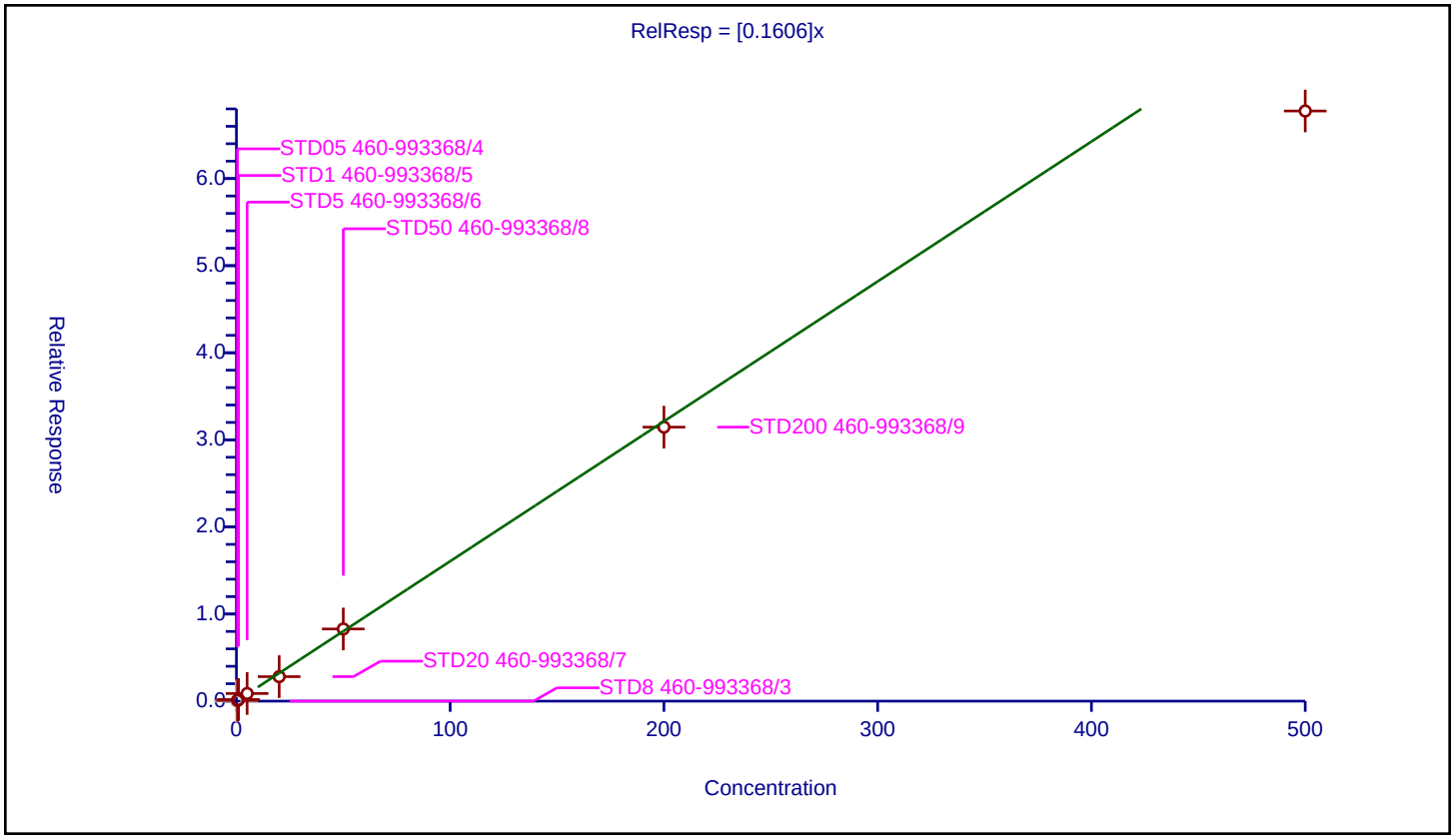
Curve Coefficients

Intercept:	0
Slope:	0.1606

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.084523	50.0	767841.0	0.169045	Y
3	STD1 460-993368/5	1.0	0.180968	50.0	736870.0	0.180968	Y
4	STD5 460-993368/6	5.0	0.876454	50.0	753377.0	0.175291	Y
5	STD20 460-993368/7	20.0	2.811507	50.0	750665.0	0.140575	Y
6	STD50 460-993368/8	50.0	8.285815	50.0	760583.0	0.165716	Y
7	STD200 460-993368/9	200.0	31.458008	50.0	788850.0	0.15729	Y
8	STD500 460-993368/10	500.0	67.759543	50.0	838521.0	0.135519	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

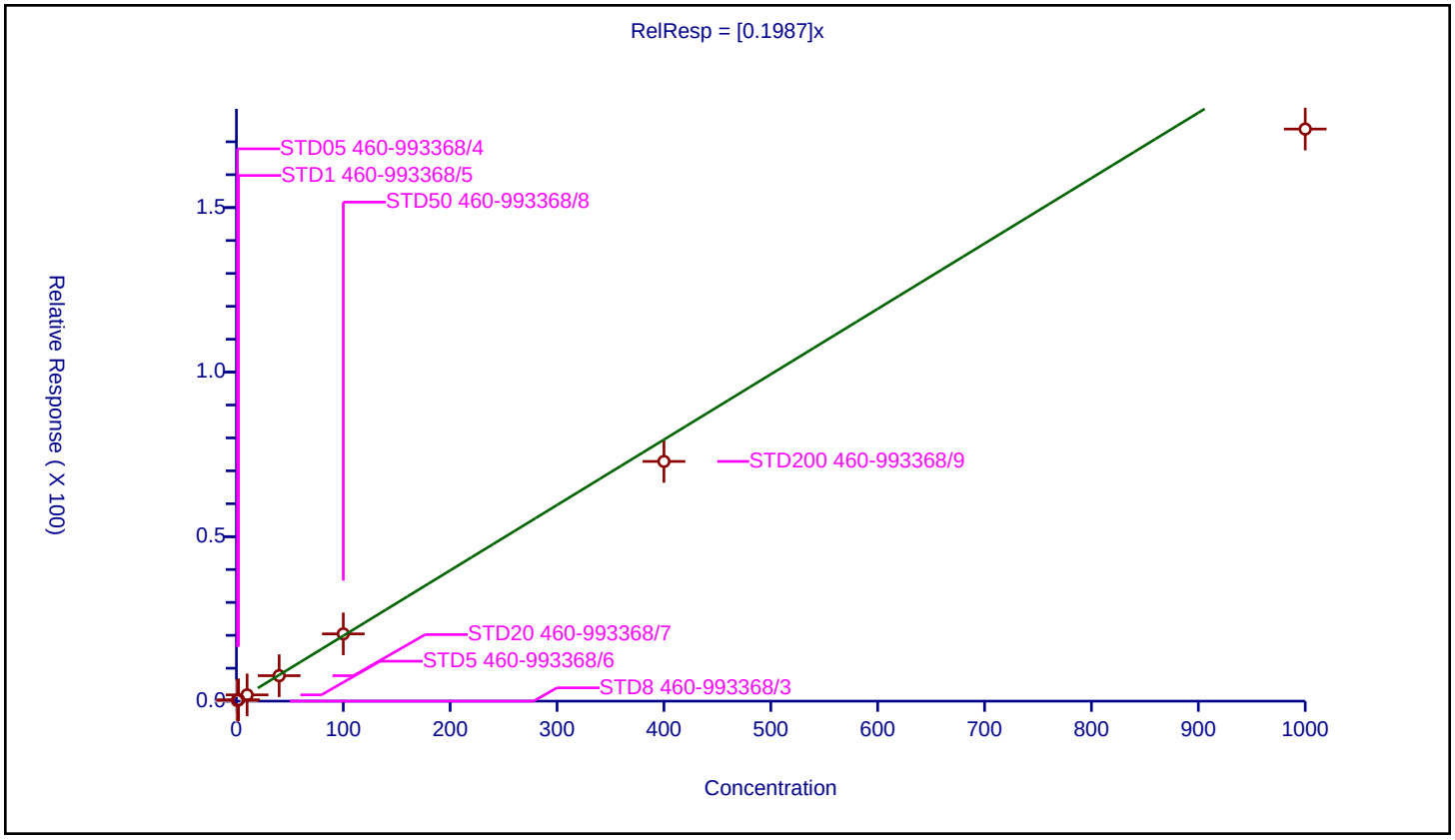
Curve Coefficients

Intercept:	0
Slope:	0.1987

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.24074	50.0	767841.0	0.24074	Y
3	STD1 460-993368/5	2.0	0.410927	50.0	736870.0	0.205464	Y
4	STD5 460-993368/6	10.0	1.909137	50.0	753377.0	0.190914	Y
5	STD20 460-993368/7	40.0	7.730546	50.0	750665.0	0.193264	Y
6	STD50 460-993368/8	100.0	20.444251	50.0	760583.0	0.204443	Y
7	STD200 460-993368/9	400.0	72.855296	50.0	788850.0	0.182138	Y
8	STD500 460-993368/10	1000.0	173.873701	50.0	838521.0	0.173874	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

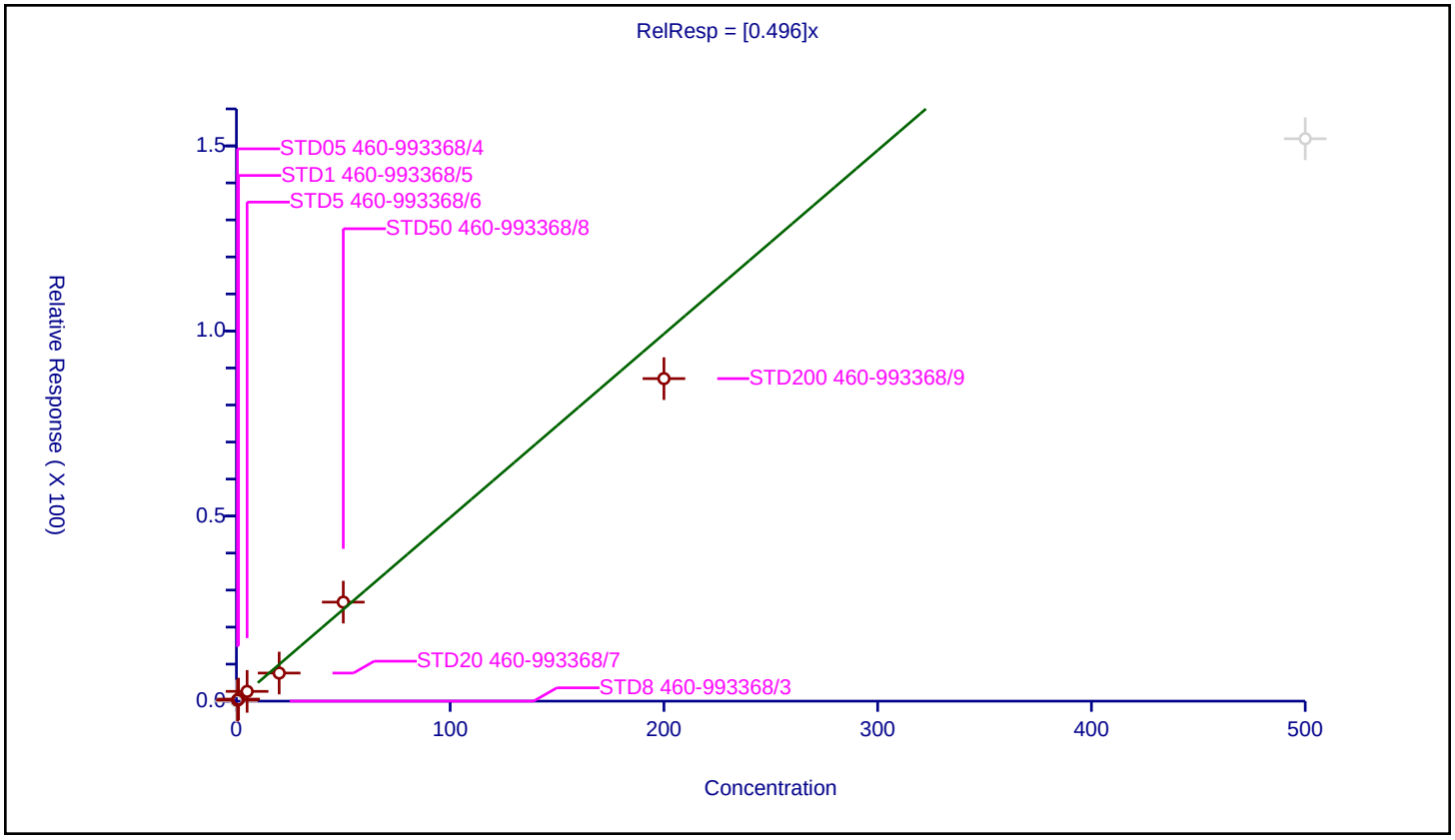
Curve Coefficients

Intercept:	0
Slope:	0.496

Error Coefficients

Relative Standard Deviation:	14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.273169	50.0	767841.0	0.546337	Y
3	STD1 460-993368/5	1.0	0.553015	50.0	736870.0	0.553015	Y
4	STD5 460-993368/6	5.0	2.634073	50.0	753377.0	0.526815	Y
5	STD20 460-993368/7	20.0	7.588605	50.0	750665.0	0.37943	Y
6	STD50 460-993368/8	50.0	26.749152	50.0	760583.0	0.534983	Y
7	STD200 460-993368/9	200.0	87.129873	50.0	788850.0	0.435649	Y
8	STD500 460-993368/10	500.0	151.933583	50.0	838521.0	0.303867	N



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

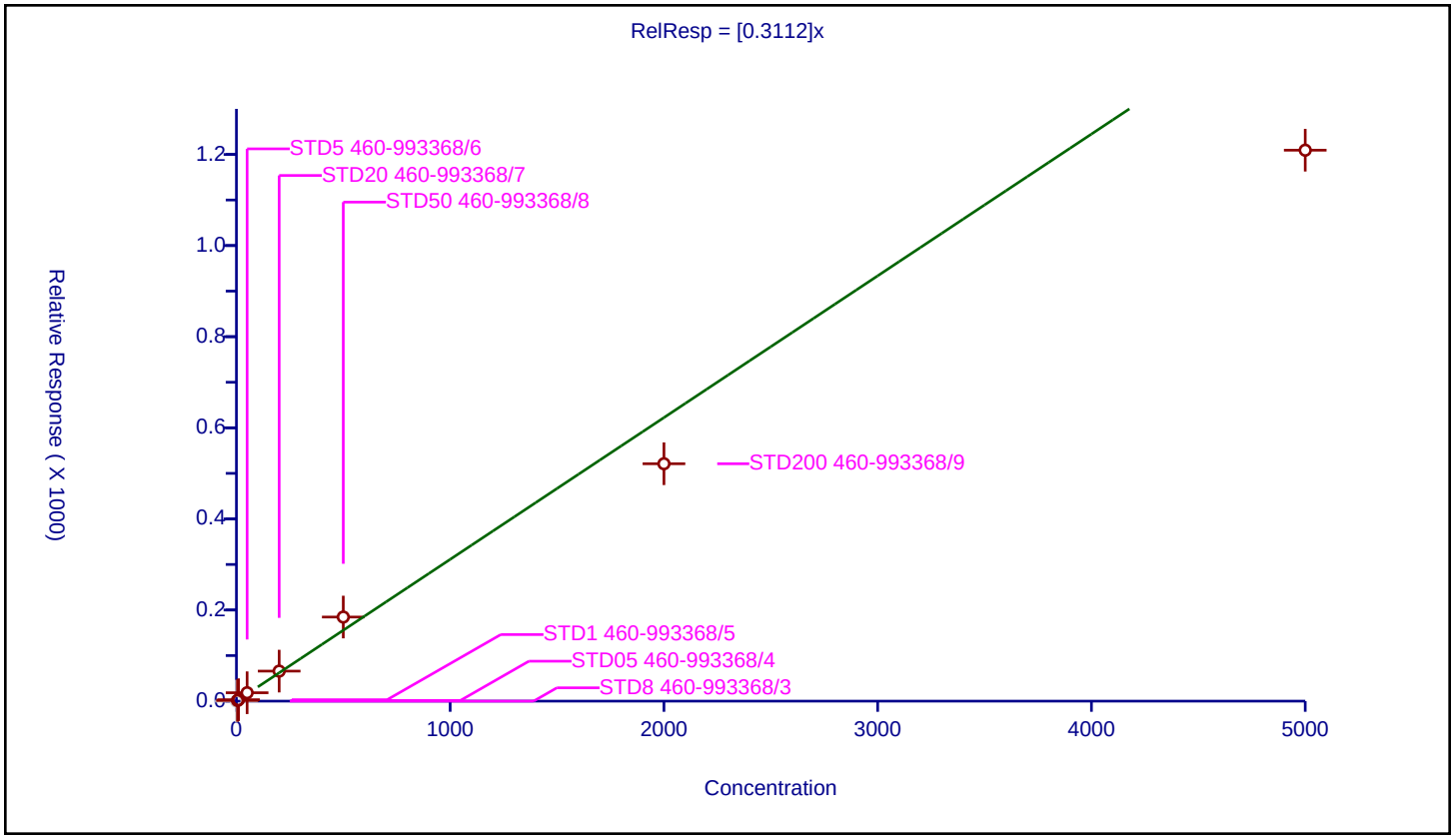
Curve Coefficients

Intercept:	0
Slope:	0.3112

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	5.0	1.490496	250.0	395506.0	0.298099	Y
3	STD1 460-993368/5	10.0	3.101612	250.0	398180.0	0.310161	Y
4	STD5 460-993368/6	50.0	18.439772	250.0	406838.0	0.368795	Y
5	STD20 460-993368/7	200.0	65.93706	250.0	409216.0	0.329685	Y
6	STD50 460-993368/8	500.0	184.601434	250.0	425965.0	0.369203	Y
7	STD200 460-993368/9	2000.0	521.084473	250.0	444806.0	0.260542	Y
8	STD500 460-993368/10	5000.0	1209.300652	250.0	496691.0	0.24186	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

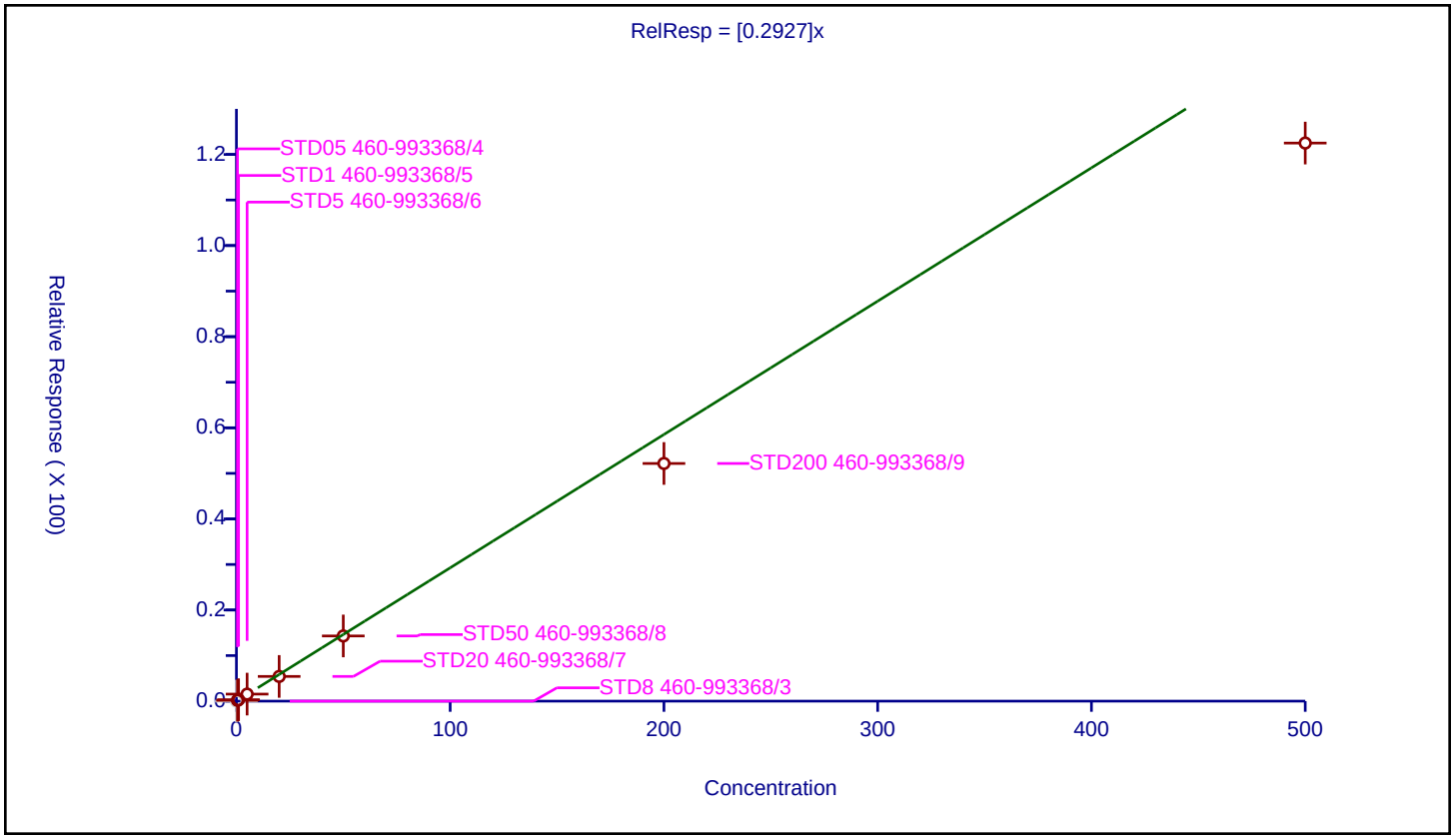
Curve Coefficients

Intercept:	0
Slope:	0.2927

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.185129	50.0	767841.0	0.370259	Y
3	STD1 460-993368/5	1.0	0.30616	50.0	736870.0	0.30616	Y
4	STD5 460-993368/6	5.0	1.54564	50.0	753377.0	0.309128	Y
5	STD20 460-993368/7	20.0	5.421593	50.0	750665.0	0.27108	Y
6	STD50 460-993368/8	50.0	14.306591	50.0	760583.0	0.286132	Y
7	STD200 460-993368/9	200.0	52.166952	50.0	788850.0	0.260835	Y
8	STD500 460-993368/10	500.0	122.499854	50.0	838521.0	0.245	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

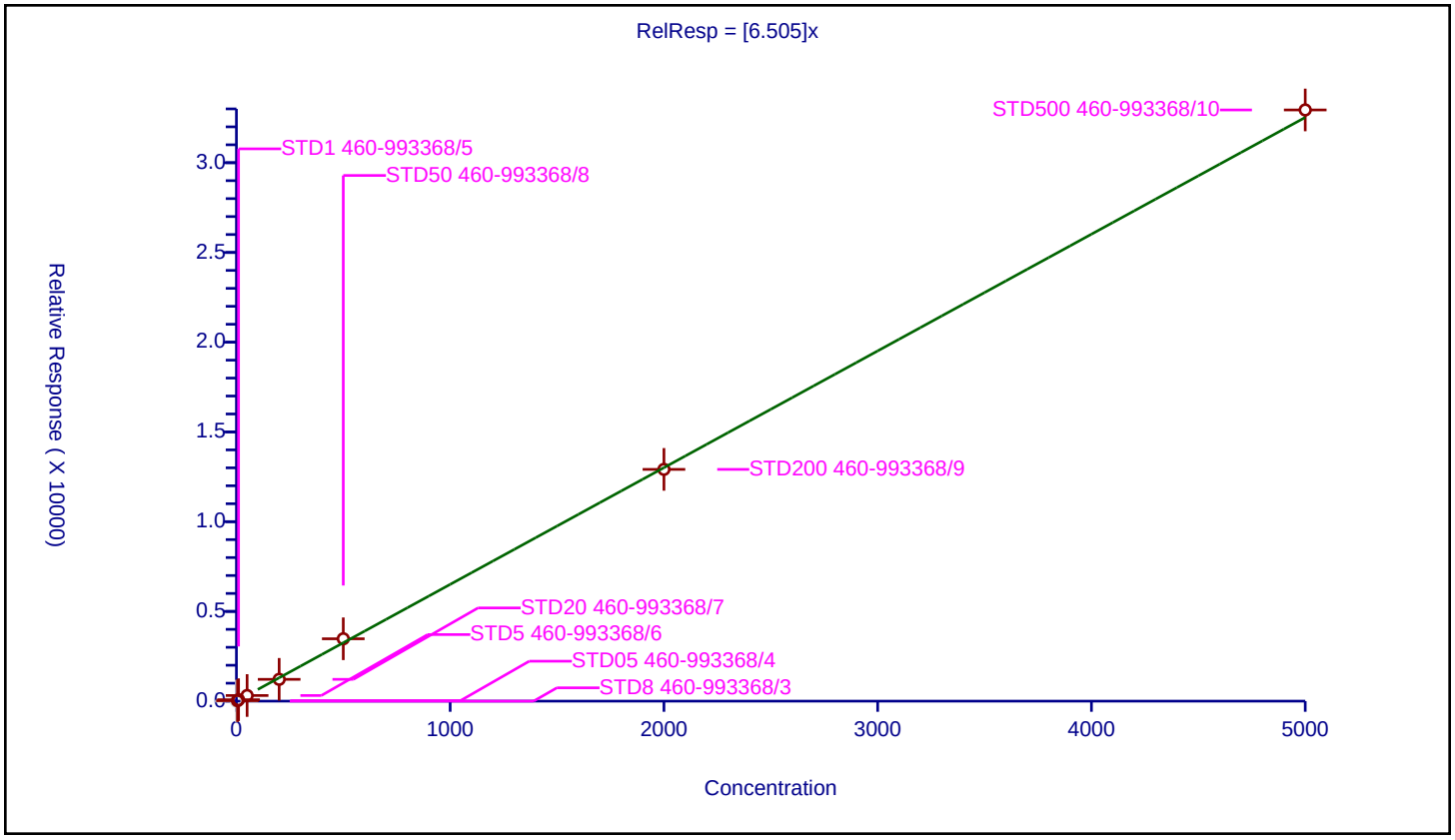
Curve Coefficients

Intercept:	0
Slope:	6.505

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	5.0	26.531112	1000.0	40820.0	5.306222	Y
3	STD1 460-993368/5	10.0	78.816879	1000.0	40334.0	7.881688	Y
4	STD5 460-993368/6	50.0	313.919432	1000.0	41654.0	6.278389	Y
5	STD20 460-993368/7	200.0	1214.646628	1000.0	46509.0	6.073233	Y
6	STD50 460-993368/8	500.0	3474.211924	1000.0	51962.0	6.948424	Y
7	STD200 460-993368/9	2000.0	12913.036917	1000.0	53011.0	6.456518	Y
8	STD500 460-993368/10	5000.0	32941.350072	1000.0	66752.0	6.58827	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

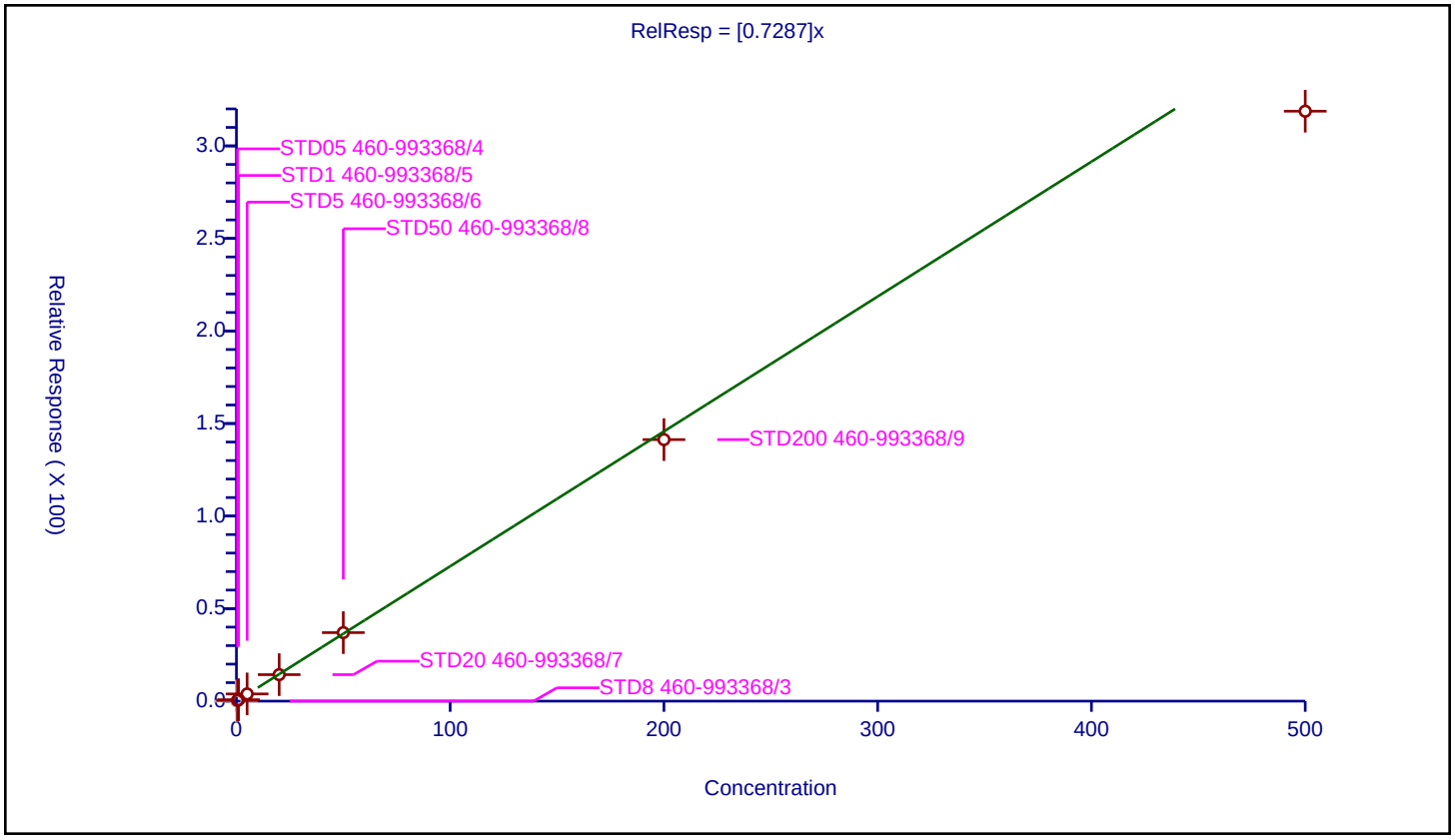
Curve Coefficients

Intercept:	0
Slope:	0.7287

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.373645	50.0	767841.0	0.74729	Y
3	STD1 460-993368/5	1.0	0.773881	50.0	736870.0	0.773881	Y
4	STD5 460-993368/6	5.0	3.897916	50.0	753377.0	0.779583	Y
5	STD20 460-993368/7	20.0	14.312243	50.0	750665.0	0.715612	Y
6	STD50 460-993368/8	50.0	37.022587	50.0	760583.0	0.740452	Y
7	STD200 460-993368/9	200.0	141.316917	50.0	788850.0	0.706585	Y
8	STD500 460-993368/10	500.0	318.759578	50.0	838521.0	0.637519	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

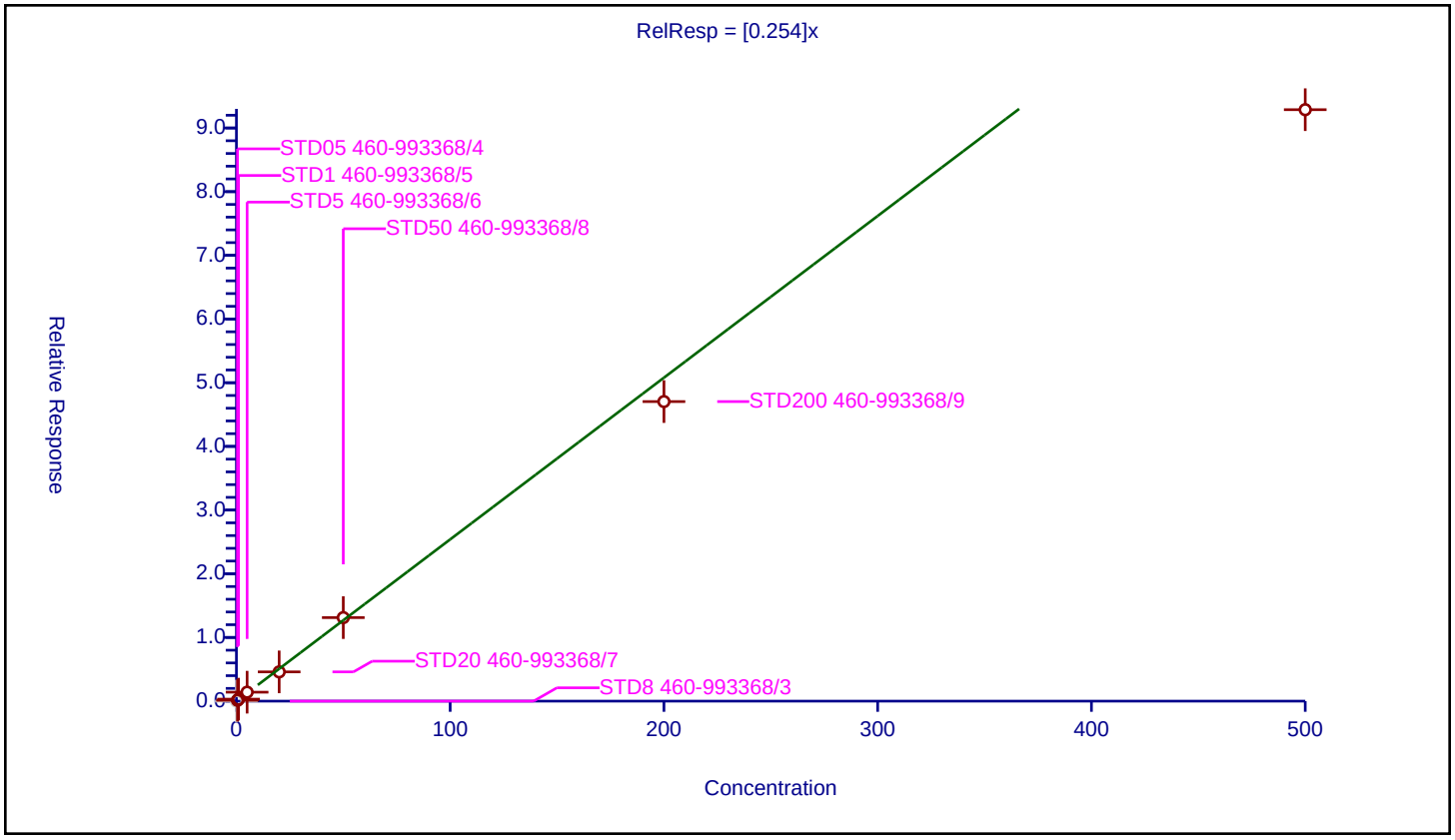
Curve Coefficients

Intercept:	0
Slope:	0.254

Error Coefficients

Relative Standard Deviation:	16.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.13564	50.0	767841.0	0.27128	Y
3	STD1 460-993368/5	1.0	0.311724	50.0	736870.0	0.311724	Y
4	STD5 460-993368/6	5.0	1.409055	50.0	753377.0	0.281811	Y
5	STD20 460-993368/7	20.0	4.592861	50.0	750665.0	0.229643	Y
6	STD50 460-993368/8	50.0	13.11678	50.0	760583.0	0.262336	Y
7	STD200 460-993368/9	200.0	47.040312	50.0	788850.0	0.235202	Y
8	STD500 460-993368/10	500.0	92.87418	50.0	838521.0	0.185748	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

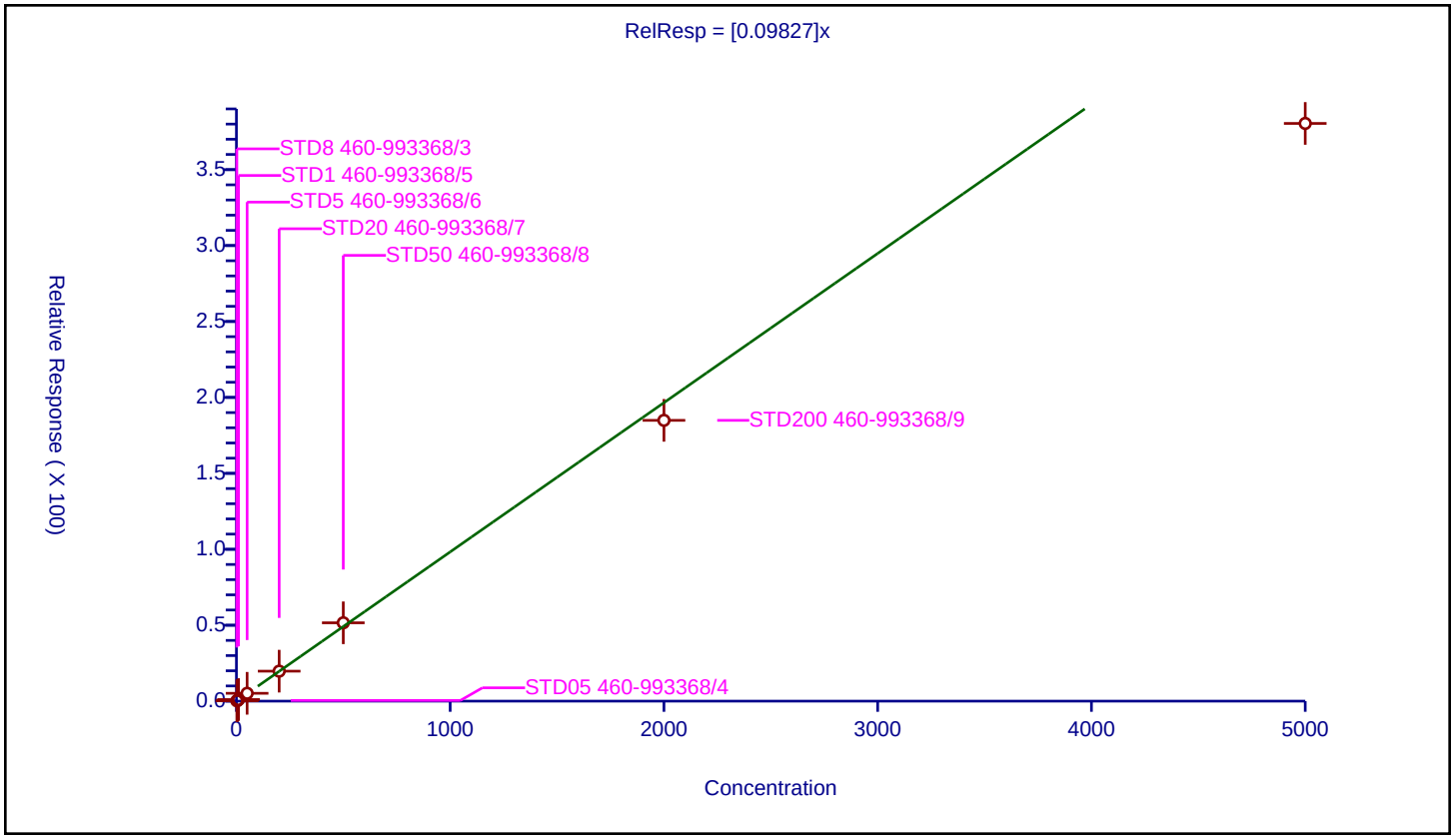
Curve Coefficients

Intercept:	0
Slope:	0.09827

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	2.0	0.230098	50.0	794663.0	0.115049	Y
2	STD05 460-993368/4	5.0	0.460186	50.0	767841.0	0.092037	Y
3	STD1 460-993368/5	10.0	1.052085	50.0	736870.0	0.105209	Y
4	STD5 460-993368/6	50.0	5.171315	50.0	753377.0	0.103426	Y
5	STD20 460-993368/7	200.0	19.743494	50.0	750665.0	0.098717	Y
6	STD50 460-993368/8	500.0	51.584377	50.0	760583.0	0.103169	Y
7	STD200 460-993368/9	2000.0	184.895481	50.0	788850.0	0.092448	Y
8	STD500 460-993368/10	5000.0	380.430425	50.0	838521.0	0.076086	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

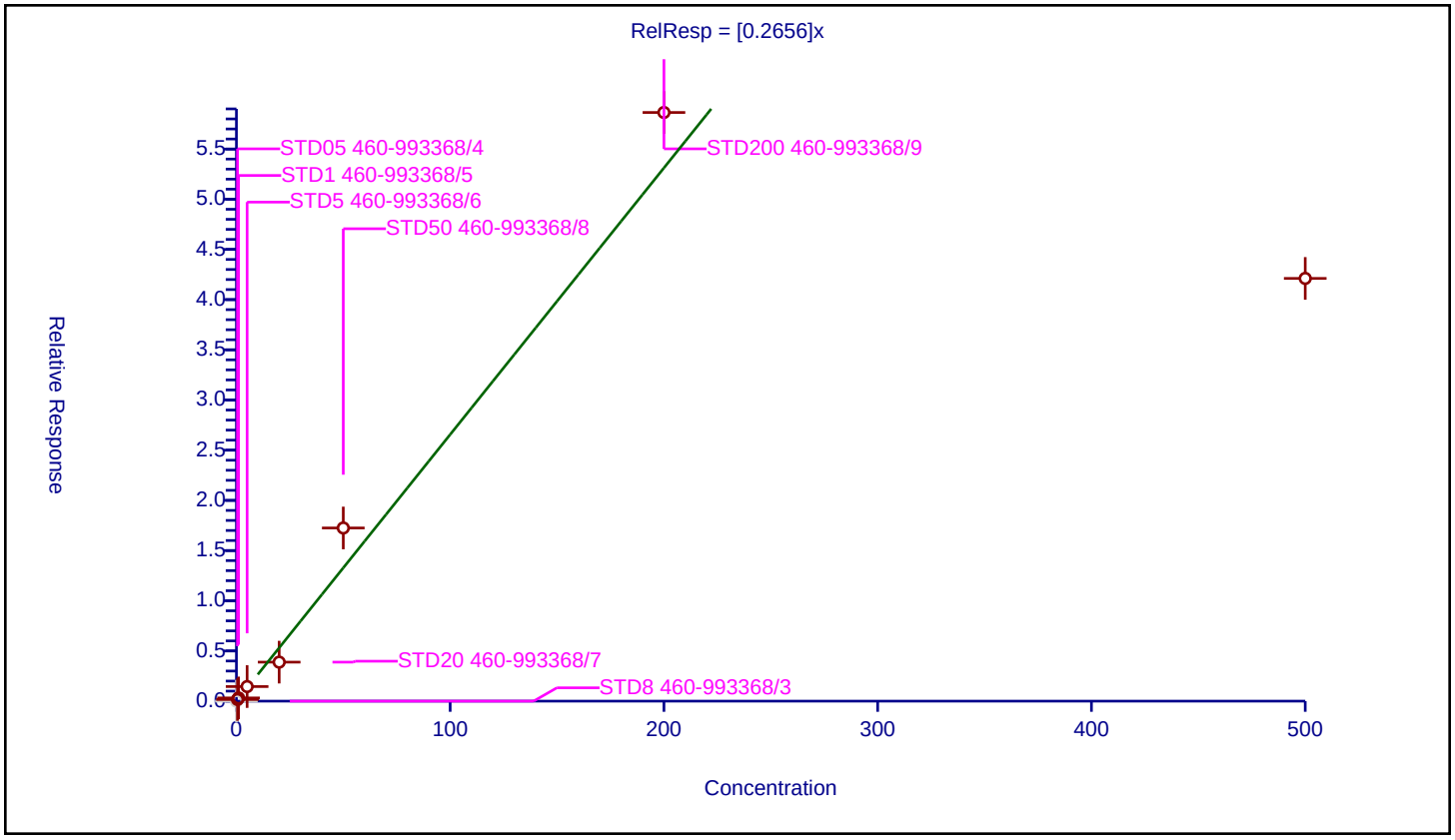
Curve Coefficients

Intercept:	0
Slope:	0.2656

Error Coefficients

Relative Standard Deviation:	35.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.16605	50.0	767841.0	0.3321	Y
3	STD1 460-993368/5	1.0	0.319731	50.0	736870.0	0.319731	Y
4	STD5 460-993368/6	5.0	1.453787	50.0	753377.0	0.290757	Y
5	STD20 460-993368/7	20.0	3.886088	50.0	750665.0	0.194304	Y
6	STD50 460-993368/8	50.0	17.24986	50.0	760583.0	0.344997	Y
7	STD200 460-993368/9	200.0	58.64182	50.0	788850.0	0.293209	Y
8	STD500 460-993368/10	500.0	42.112541	50.0	838521.0	0.084225	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

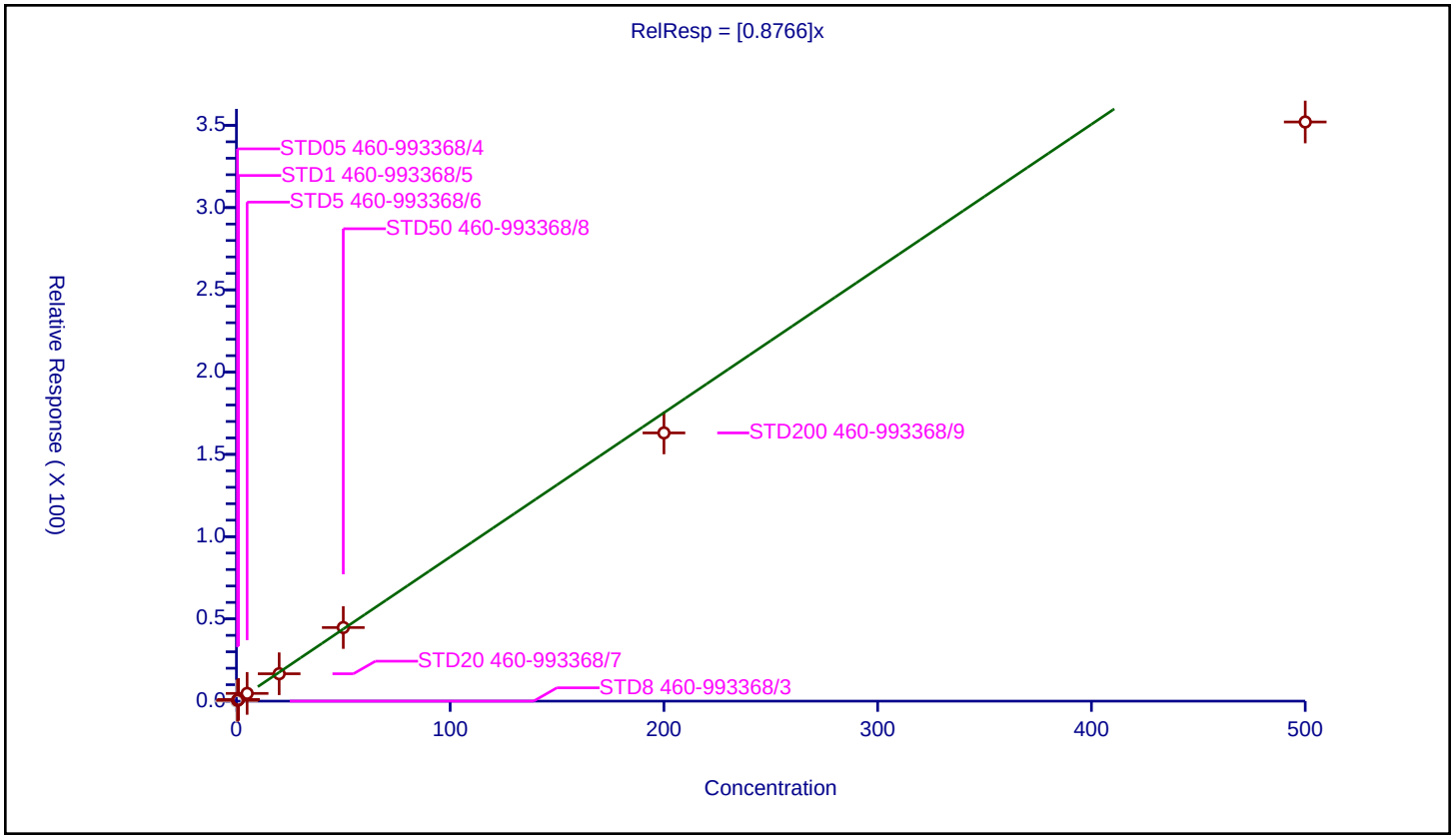
Curve Coefficients

Intercept:	0
Slope:	0.8766

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.470866	50.0	767841.0	0.941731	Y
3	STD1 460-993368/5	1.0	1.008183	50.0	736870.0	1.008183	Y
4	STD5 460-993368/6	5.0	4.696984	50.0	753377.0	0.939397	Y
5	STD20 460-993368/7	20.0	16.651702	50.0	750665.0	0.832585	Y
6	STD50 460-993368/8	50.0	44.743374	50.0	760583.0	0.894867	Y
7	STD200 460-993368/9	200.0	163.041009	50.0	788850.0	0.815205	Y
8	STD500 460-993368/10	500.0	352.043539	50.0	838521.0	0.704087	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

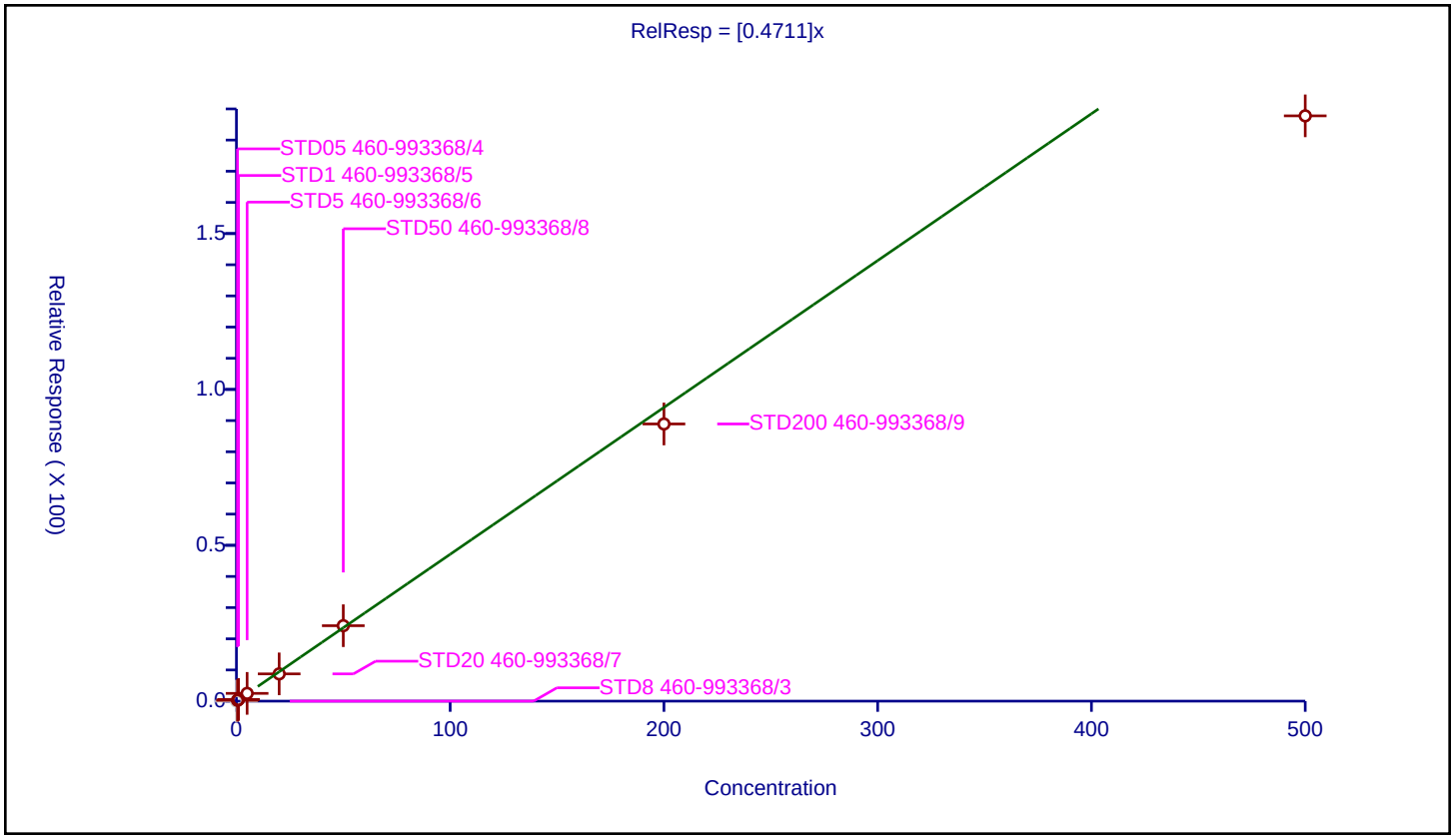
Curve Coefficients

Intercept:	0
Slope:	0.4711

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.265224	50.0	767841.0	0.530448	Y
3	STD1 460-993368/5	1.0	0.528587	50.0	736870.0	0.528587	Y
4	STD5 460-993368/6	5.0	2.486537	50.0	753377.0	0.497307	Y
5	STD20 460-993368/7	20.0	8.747644	50.0	750665.0	0.437382	Y
6	STD50 460-993368/8	50.0	24.202553	50.0	760583.0	0.484051	Y
7	STD200 460-993368/9	200.0	88.917982	50.0	788850.0	0.44459	Y
8	STD500 460-993368/10	500.0	187.768702	50.0	838521.0	0.375537	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

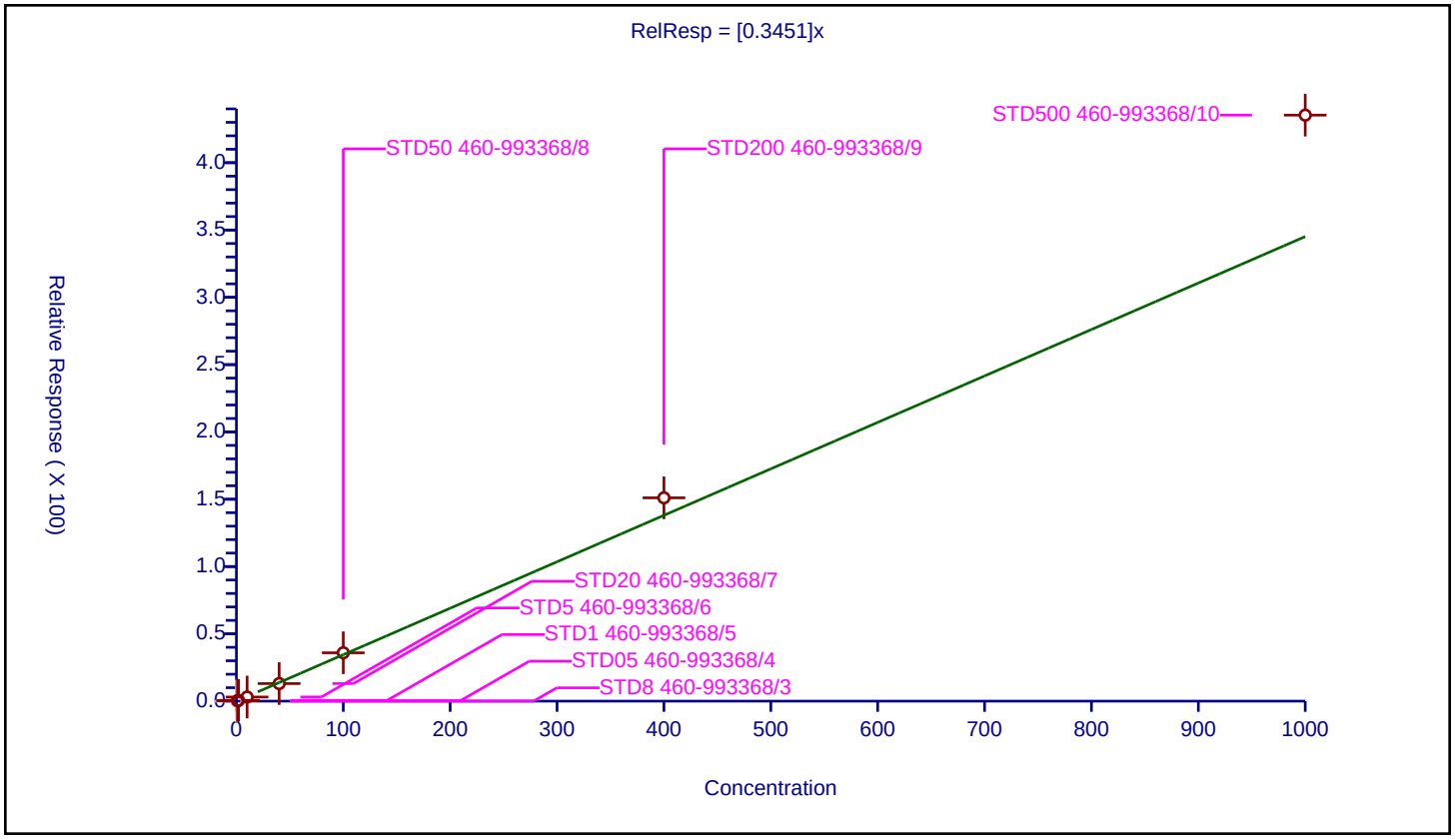
Curve Coefficients

Intercept:	0
Slope:	0.3451

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	1.0	0.332485	250.0	395506.0	0.332485	Y
3	STD1 460-993368/5	2.0	0.557537	250.0	398180.0	0.278768	Y
4	STD5 460-993368/6	10.0	3.061415	250.0	406838.0	0.306142	Y
5	STD20 460-993368/7	40.0	13.051787	250.0	409216.0	0.326295	Y
6	STD50 460-993368/8	100.0	35.925487	250.0	425965.0	0.359255	Y
7	STD200 460-993368/9	400.0	151.054055	250.0	444806.0	0.377635	Y
8	STD500 460-993368/10	1000.0	435.344611	250.0	496691.0	0.435345	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

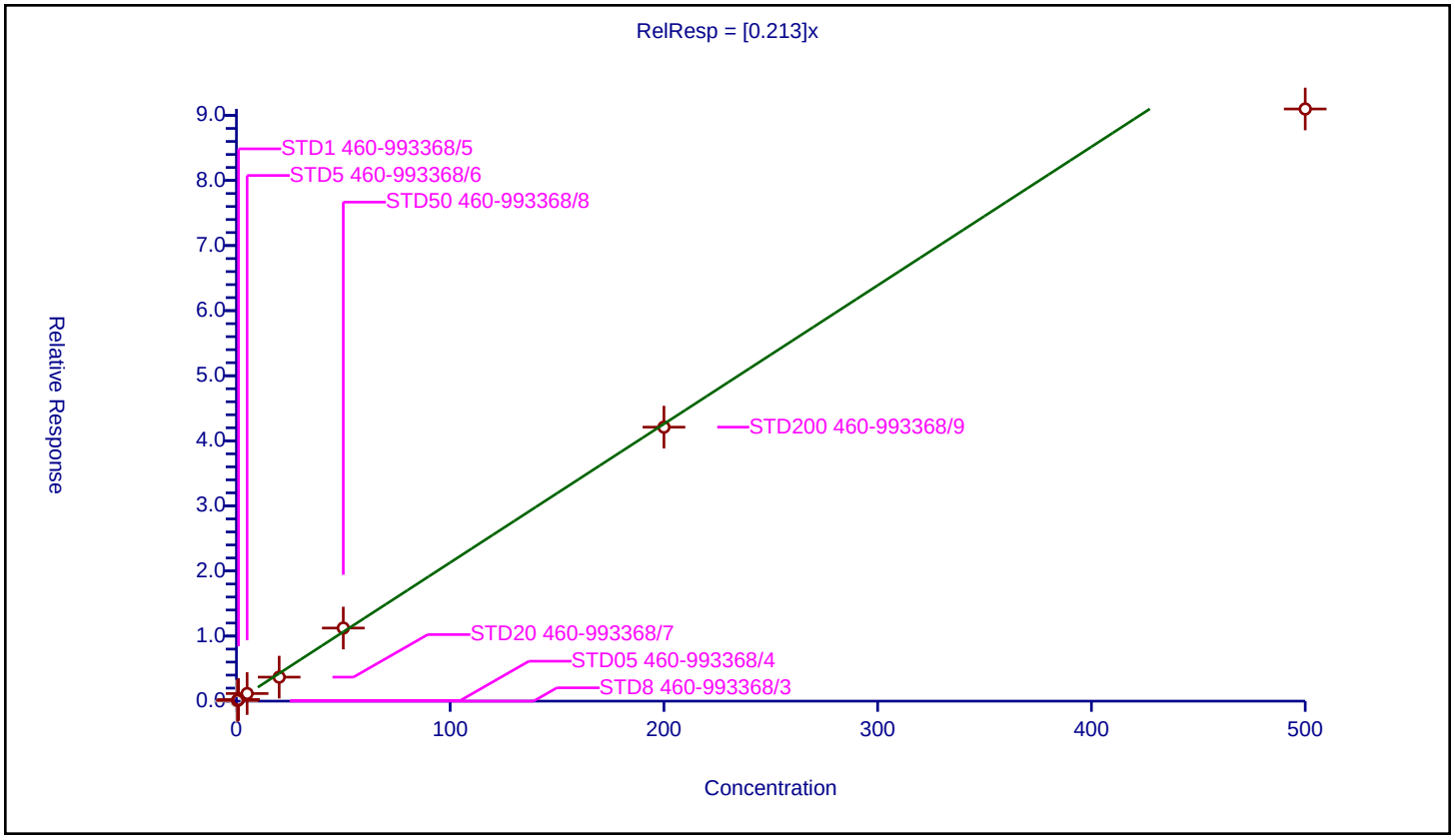
Curve Coefficients

Intercept:	0
Slope:	0.213

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.103798	50.0	767841.0	0.207595	Y
3	STD1 460-993368/5	1.0	0.247601	50.0	736870.0	0.247601	Y
4	STD5 460-993368/6	5.0	1.169932	50.0	753377.0	0.233986	Y
5	STD20 460-993368/7	20.0	3.687797	50.0	750665.0	0.18439	Y
6	STD50 460-993368/8	50.0	11.230333	50.0	760583.0	0.224607	Y
7	STD200 460-993368/9	200.0	42.10154	50.0	788850.0	0.210508	Y
8	STD500 460-993368/10	500.0	90.98824	50.0	838521.0	0.181976	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

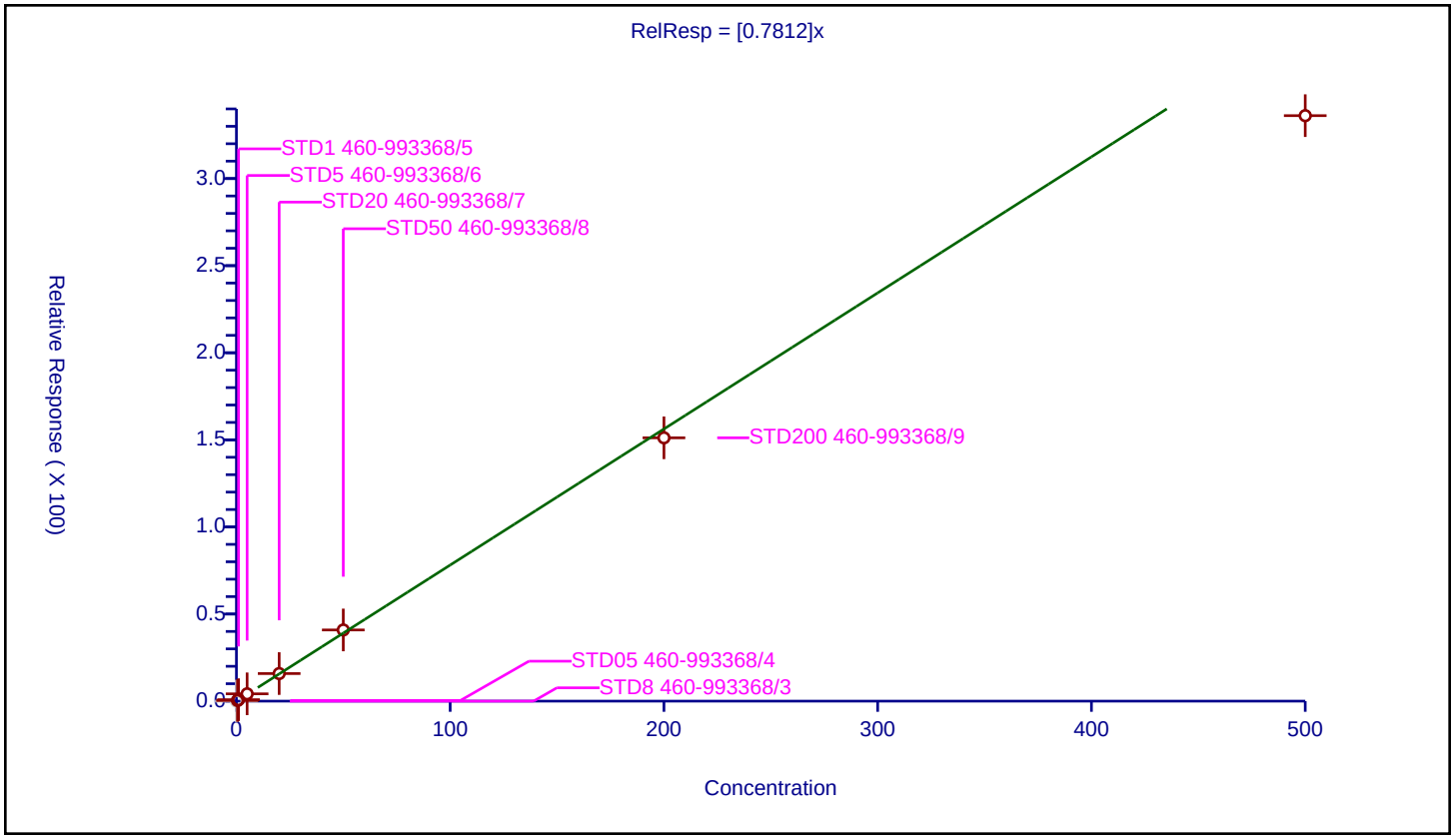
Curve Coefficients

Intercept:	0
Slope:	0.7812

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.377617	50.0	767841.0	0.755234	Y
3	STD1 460-993368/5	1.0	0.837665	50.0	736870.0	0.837665	Y
4	STD5 460-993368/6	5.0	4.19239	50.0	753377.0	0.838478	Y
5	STD20 460-993368/7	20.0	15.833361	50.0	750665.0	0.791668	Y
6	STD50 460-993368/8	50.0	40.855436	50.0	760583.0	0.817109	Y
7	STD200 460-993368/9	200.0	151.170945	50.0	788850.0	0.755855	Y
8	STD500 460-993368/10	500.0	336.112393	50.0	838521.0	0.672225	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

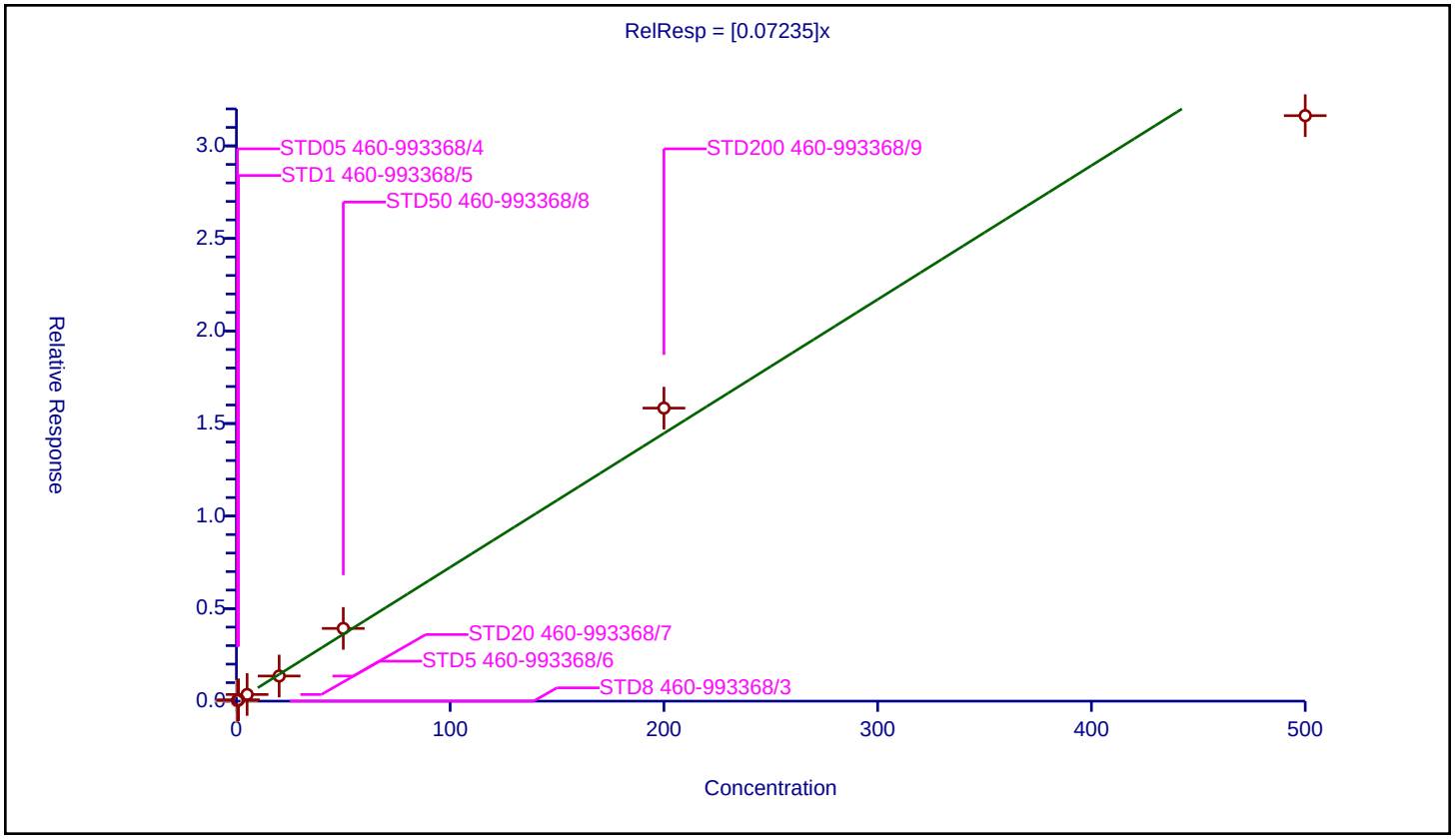
Curve Coefficients

Intercept:	0
Slope:	0.07235

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.036466	50.0	767841.0	0.072932	Y
3	STD1 460-993368/5	1.0	0.072672	50.0	736870.0	0.072672	Y
4	STD5 460-993368/6	5.0	0.359515	50.0	753377.0	0.071903	Y
5	STD20 460-993368/7	20.0	1.357729	50.0	750665.0	0.067886	Y
6	STD50 460-993368/8	50.0	3.929814	50.0	760583.0	0.078596	Y
7	STD200 460-993368/9	200.0	15.833492	50.0	788850.0	0.079167	Y
8	STD500 460-993368/10	500.0	31.634926	50.0	838521.0	0.06327	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

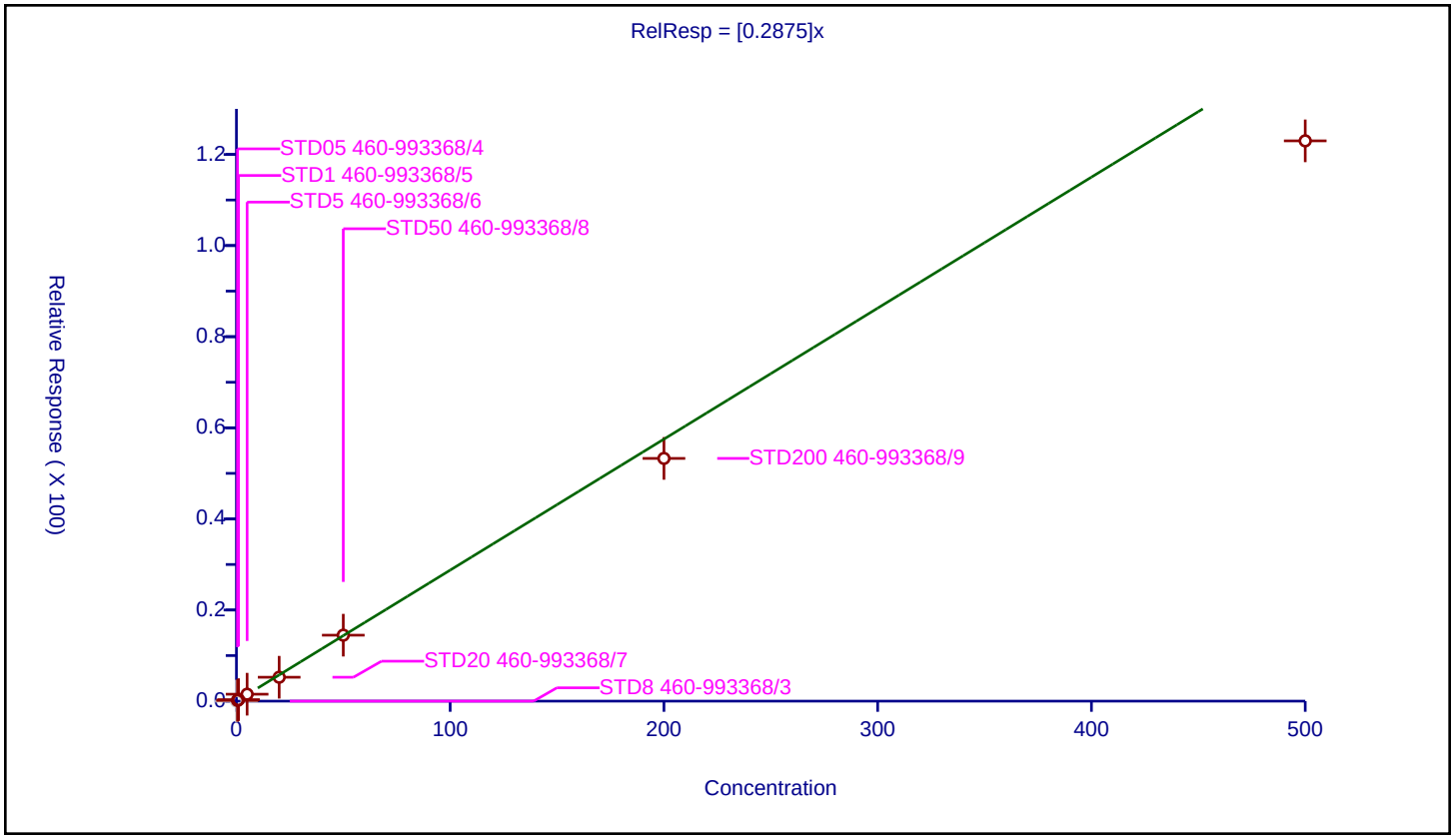
Curve Coefficients

Intercept:	0
Slope:	0.2875

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.161231	50.0	767841.0	0.322463	Y
3	STD1 460-993368/5	1.0	0.32197	50.0	736870.0	0.32197	Y
4	STD5 460-993368/6	5.0	1.520819	50.0	753377.0	0.304164	Y
5	STD20 460-993368/7	20.0	5.245749	50.0	750665.0	0.262287	Y
6	STD50 460-993368/8	50.0	14.480537	50.0	760583.0	0.289611	Y
7	STD200 460-993368/9	200.0	53.277366	50.0	788850.0	0.266387	Y
8	STD500 460-993368/10	500.0	122.982609	50.0	838521.0	0.245965	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

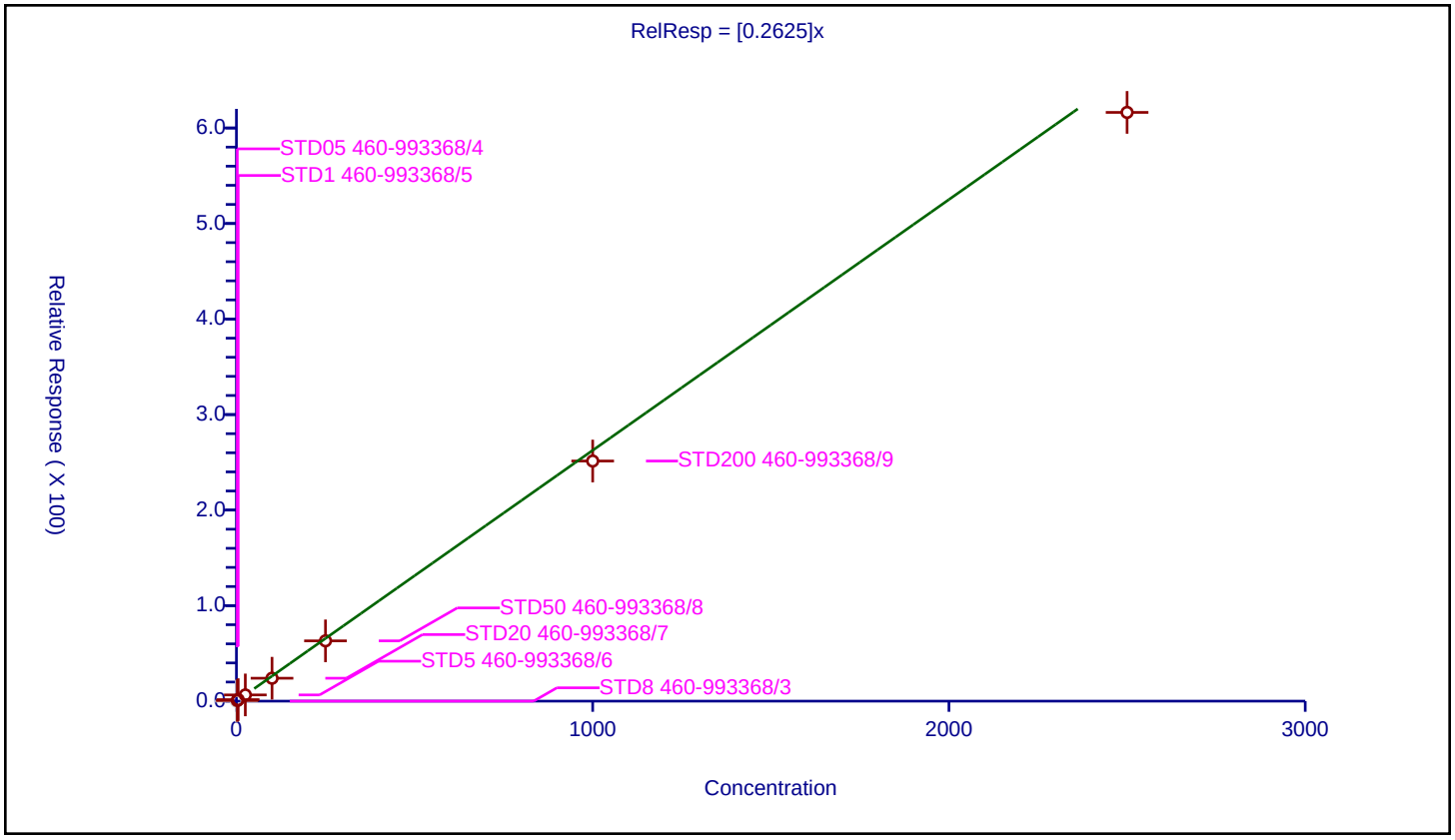
Curve Coefficients

Intercept:	0
Slope:	0.2625

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	0.681406	250.0	395506.0	0.272562	Y
3	STD1 460-993368/5	5.0	1.573409	250.0	398180.0	0.314682	Y
4	STD5 460-993368/6	25.0	6.509962	250.0	406838.0	0.260398	Y
5	STD20 460-993368/7	100.0	23.980001	250.0	409216.0	0.2398	Y
6	STD50 460-993368/8	250.0	63.113753	250.0	425965.0	0.252455	Y
7	STD200 460-993368/9	1000.0	251.363516	250.0	444806.0	0.251364	Y
8	STD500 460-993368/10	2500.0	616.332891	250.0	496691.0	0.246533	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

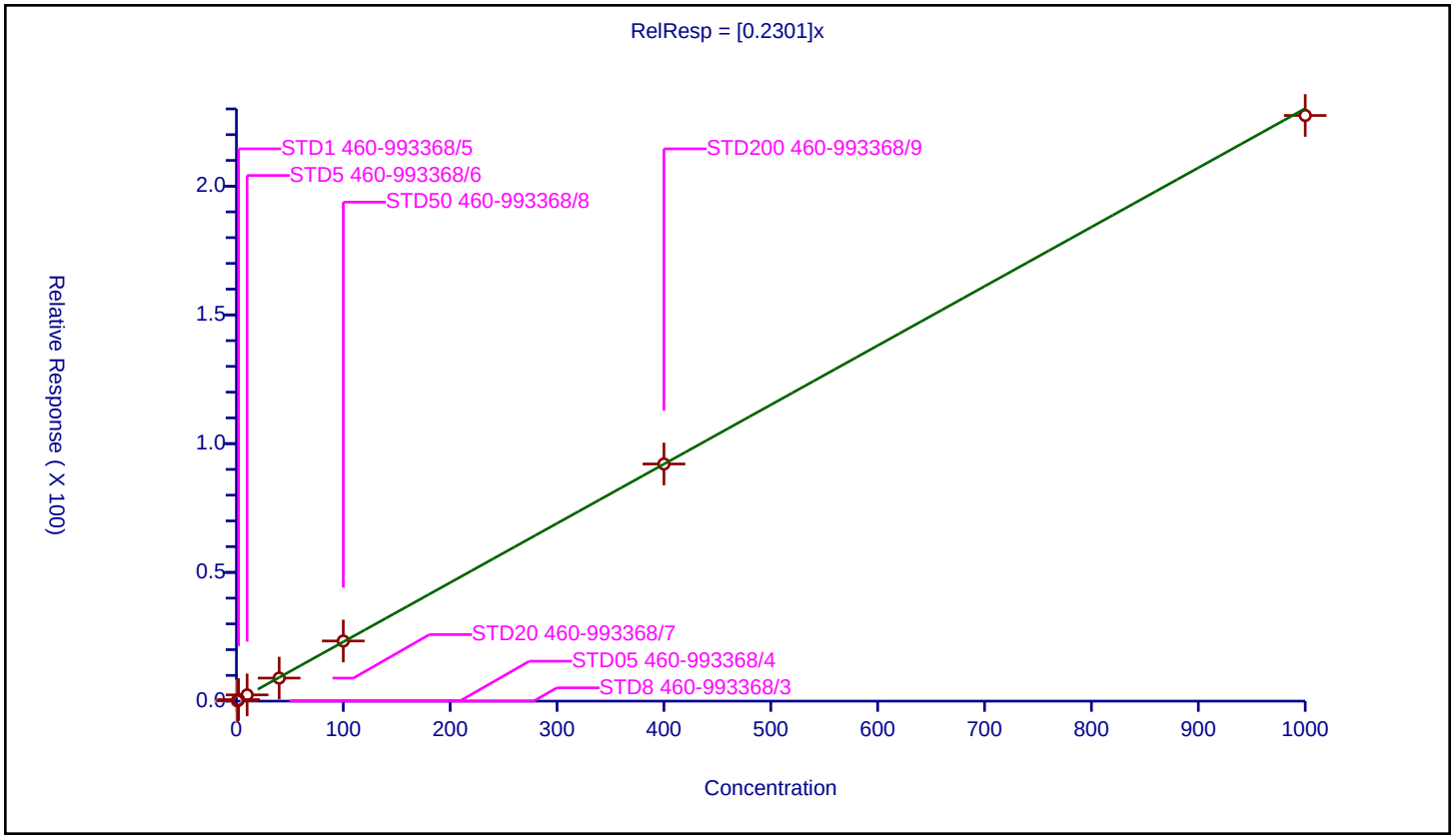
Curve Coefficients

Intercept:	0
Slope:	0.2301

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	1.0	0.158658	250.0	395506.0	0.158658	Y
3	STD1 460-993368/5	2.0	0.589557	250.0	398180.0	0.294779	Y
4	STD5 460-993368/6	10.0	2.424184	250.0	406838.0	0.242418	Y
5	STD20 460-993368/7	40.0	8.954928	250.0	409216.0	0.223873	Y
6	STD50 460-993368/8	100.0	23.355205	250.0	425965.0	0.233552	Y
7	STD200 460-993368/9	400.0	92.103636	250.0	444806.0	0.230259	Y
8	STD500 460-993368/10	1000.0	227.443219	250.0	496691.0	0.227443	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

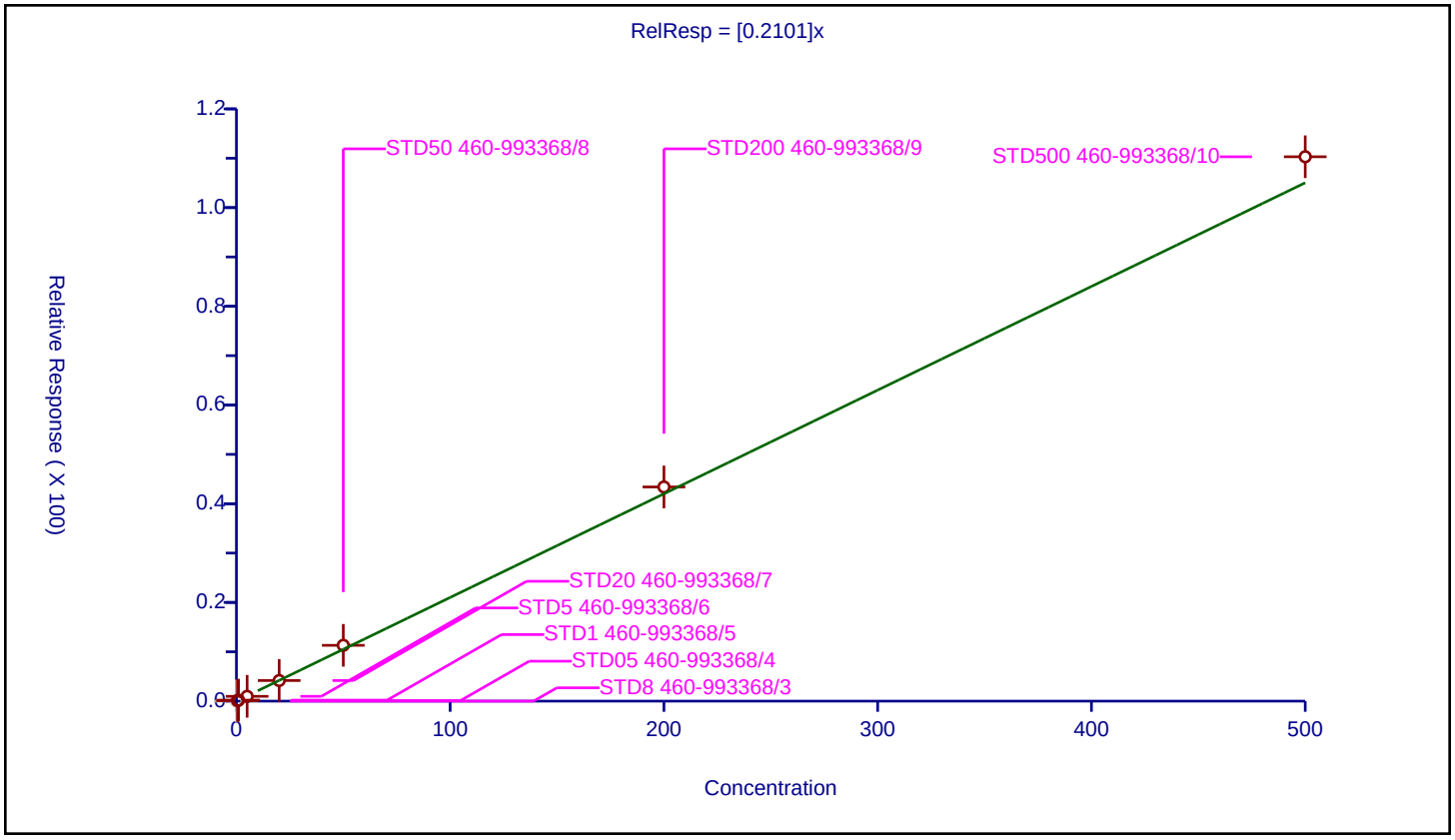
Curve Coefficients

Intercept:	0
Slope:	0.2101

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.100477	50.0	767841.0	0.200953	Y
3	STD1 460-993368/5	1.0	0.202071	50.0	736870.0	0.202071	Y
4	STD5 460-993368/6	5.0	0.97428	50.0	753377.0	0.194856	Y
5	STD20 460-993368/7	20.0	4.175498	50.0	750665.0	0.208775	Y
6	STD50 460-993368/8	50.0	11.309351	50.0	760583.0	0.226187	Y
7	STD200 460-993368/9	200.0	43.398175	50.0	788850.0	0.216991	Y
8	STD500 460-993368/10	500.0	110.300935	50.0	838521.0	0.220602	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

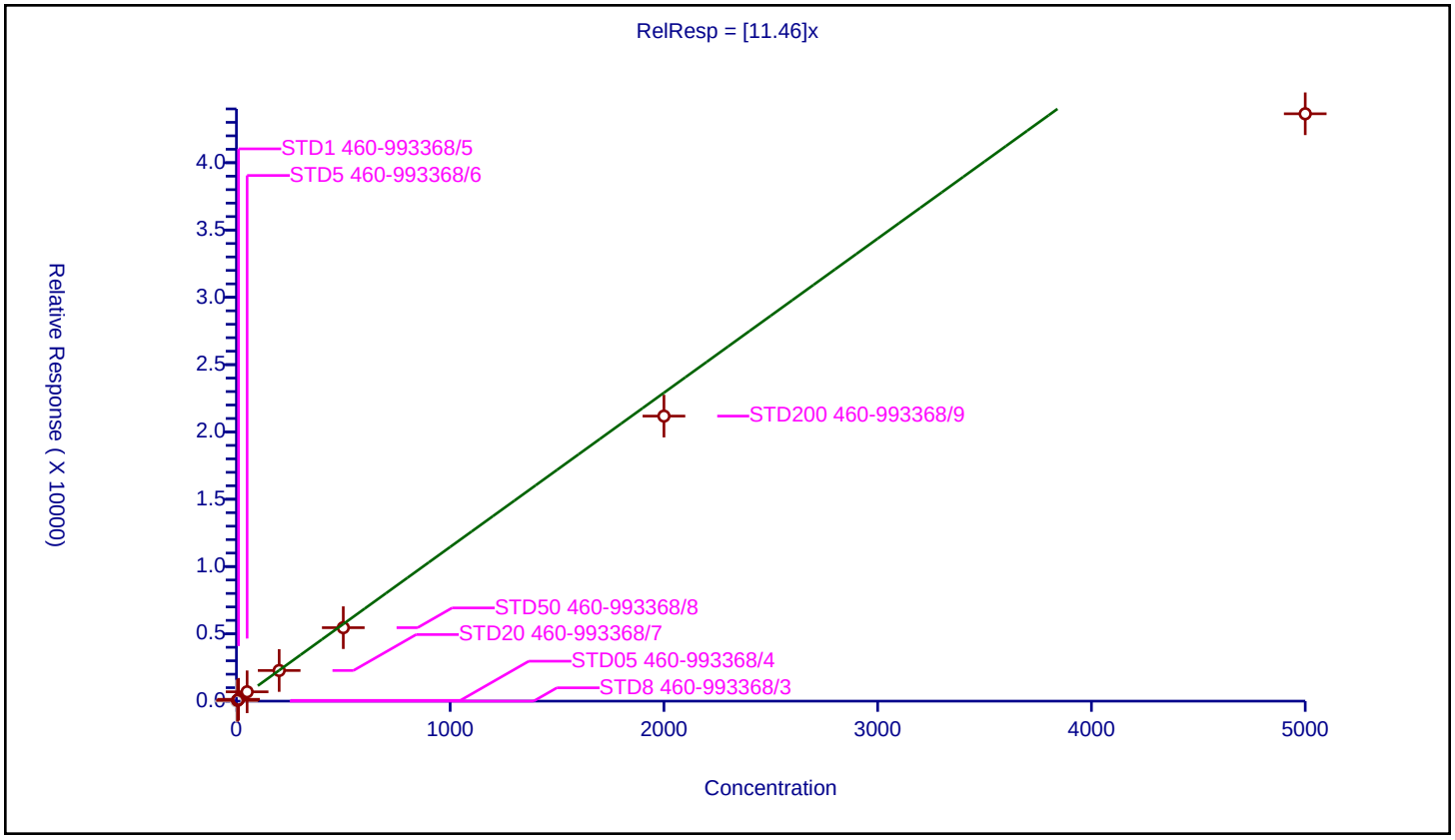
Curve Coefficients

Intercept:	0
Slope:	11.46

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	5.0	55.487506	1000.0	40820.0	11.097501	Y
3	STD1 460-993368/5	10.0	136.113453	1000.0	40334.0	13.611345	Y
4	STD5 460-993368/6	50.0	692.970663	1000.0	41654.0	13.859413	Y
5	STD20 460-993368/7	200.0	2276.763637	1000.0	46509.0	11.383818	Y
6	STD50 460-993368/8	500.0	5458.084754	1000.0	51962.0	10.91617	Y
7	STD200 460-993368/9	2000.0	21178.208296	1000.0	53011.0	10.589104	Y
8	STD500 460-993368/10	5000.0	43638.767378	1000.0	66752.0	8.727753	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

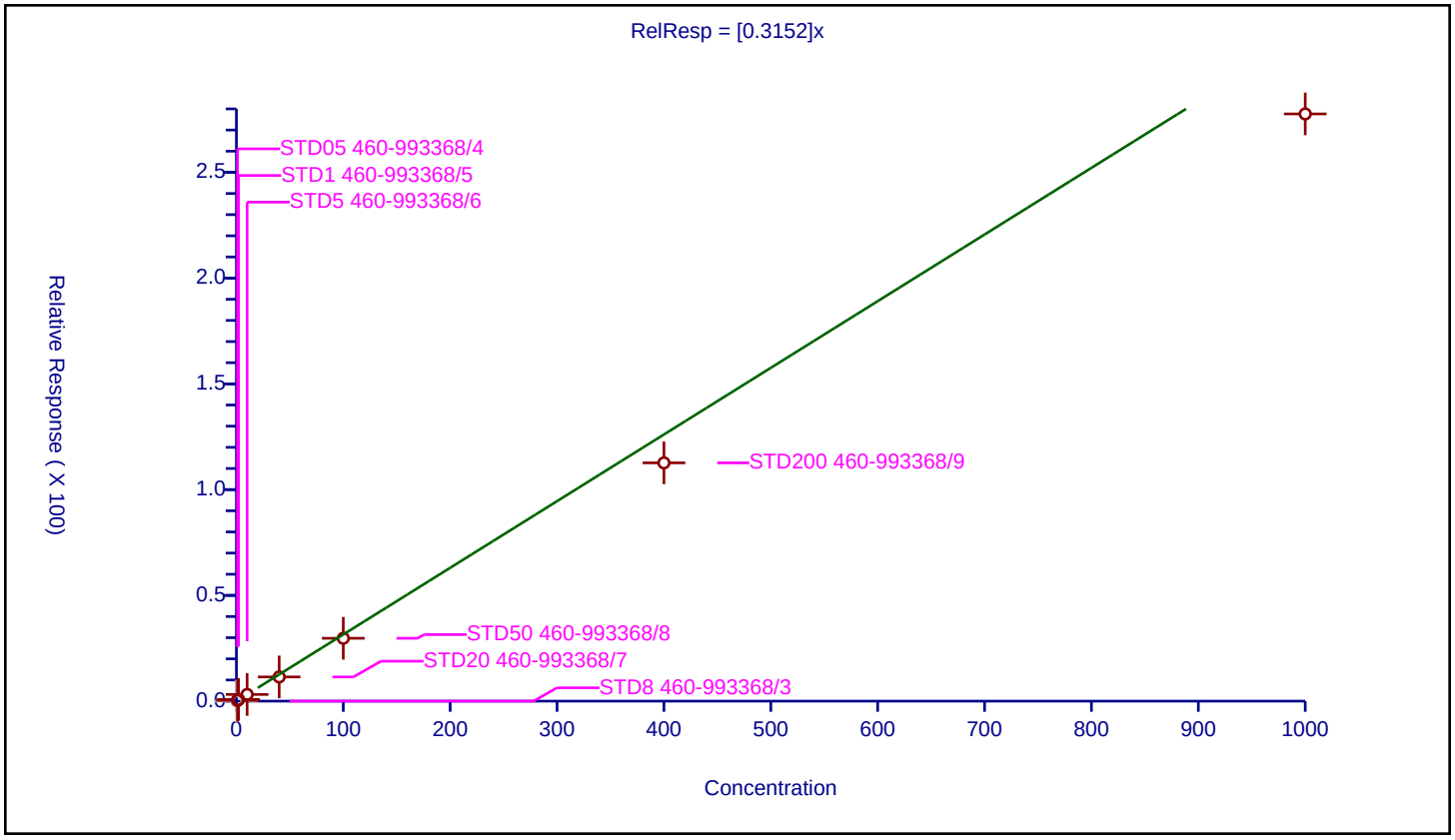
Curve Coefficients

Intercept:	0
Slope:	0.3152

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	1.0	0.343231	250.0	395506.0	0.343231	Y
3	STD1 460-993368/5	2.0	0.809307	250.0	398180.0	0.404654	Y
4	STD5 460-993368/6	10.0	3.158505	250.0	406838.0	0.315851	Y
5	STD20 460-993368/7	40.0	11.43467	250.0	409216.0	0.285867	Y
6	STD50 460-993368/8	100.0	29.722512	250.0	425965.0	0.297225	Y
7	STD200 460-993368/9	400.0	112.648548	250.0	444806.0	0.281621	Y
8	STD500 460-993368/10	1000.0	277.621298	250.0	496691.0	0.277621	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

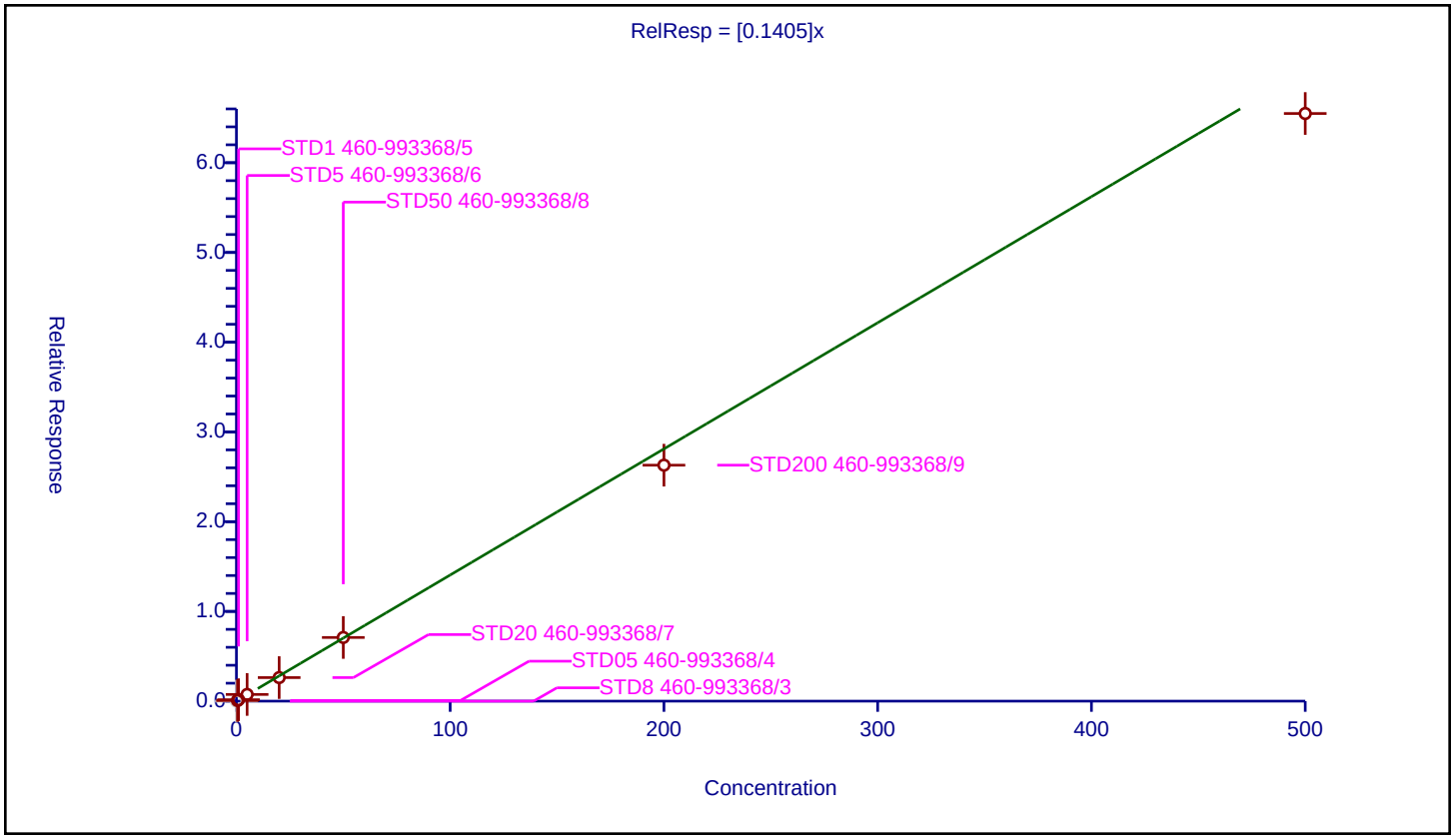
Curve Coefficients

Intercept:	0
Slope:	0.1405

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.069415	50.0	767841.0	0.138831	Y
3	STD1 460-993368/5	1.0	0.160069	50.0	736870.0	0.160069	Y
4	STD5 460-993368/6	5.0	0.747036	50.0	753377.0	0.149407	Y
5	STD20 460-993368/7	20.0	2.62394	50.0	750665.0	0.131197	Y
6	STD50 460-993368/8	50.0	7.094623	50.0	760583.0	0.141892	Y
7	STD200 460-993368/9	200.0	26.295557	50.0	788850.0	0.131478	Y
8	STD500 460-993368/10	500.0	65.48703	50.0	838521.0	0.130974	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

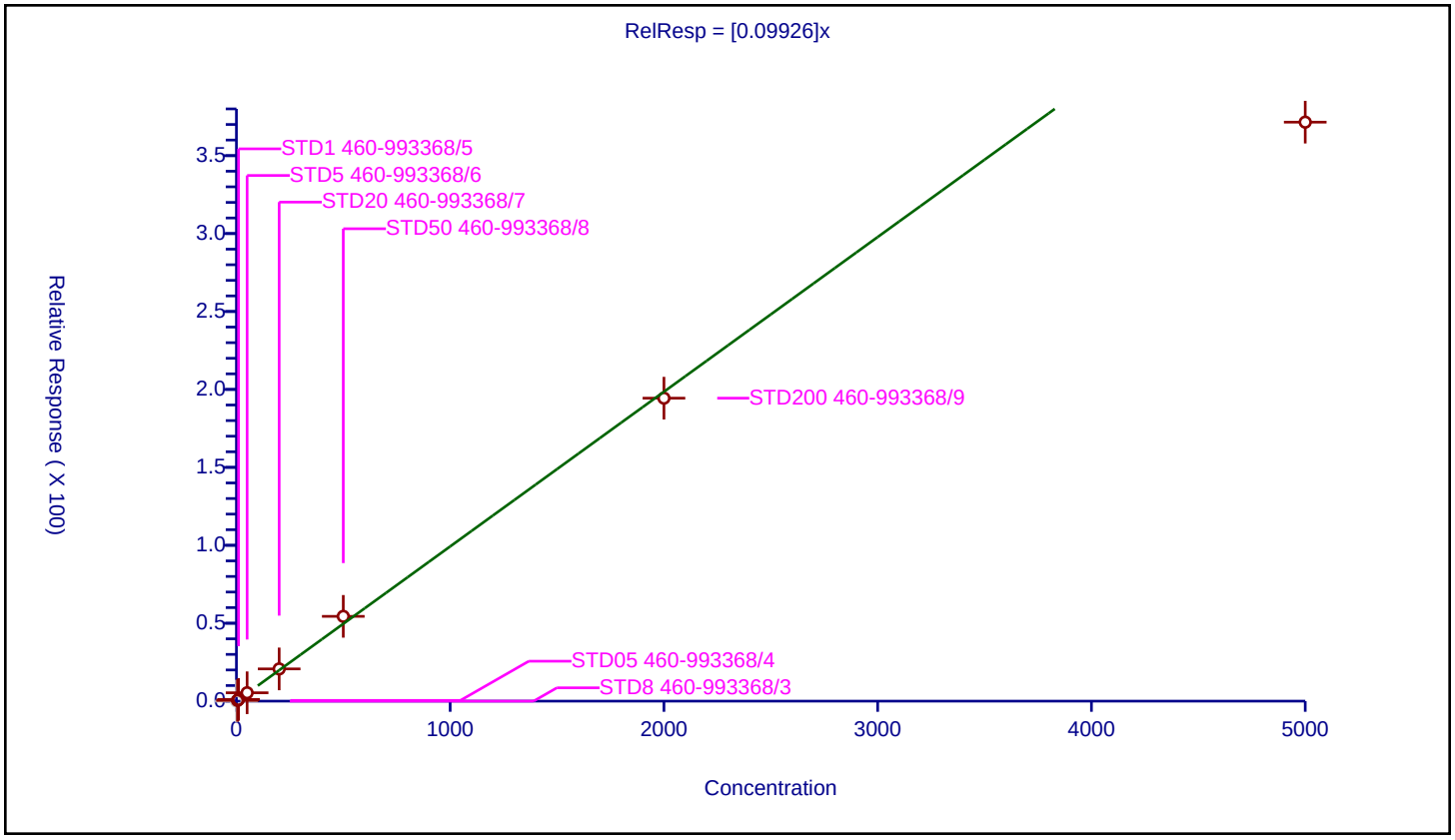
Curve Coefficients

Intercept:	0
Slope:	0.09926

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	5.0	0.468782	50.0	767841.0	0.093756	Y
3	STD1 460-993368/5	10.0	1.097887	50.0	736870.0	0.109789	Y
4	STD5 460-993368/6	50.0	5.379047	50.0	753377.0	0.107581	Y
5	STD20 460-993368/7	200.0	20.677666	50.0	750665.0	0.103388	Y
6	STD50 460-993368/8	500.0	54.403004	50.0	760583.0	0.108806	Y
7	STD200 460-993368/9	2000.0	194.397984	50.0	788850.0	0.097199	Y
8	STD500 460-993368/10	5000.0	371.490636	50.0	838521.0	0.074298	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

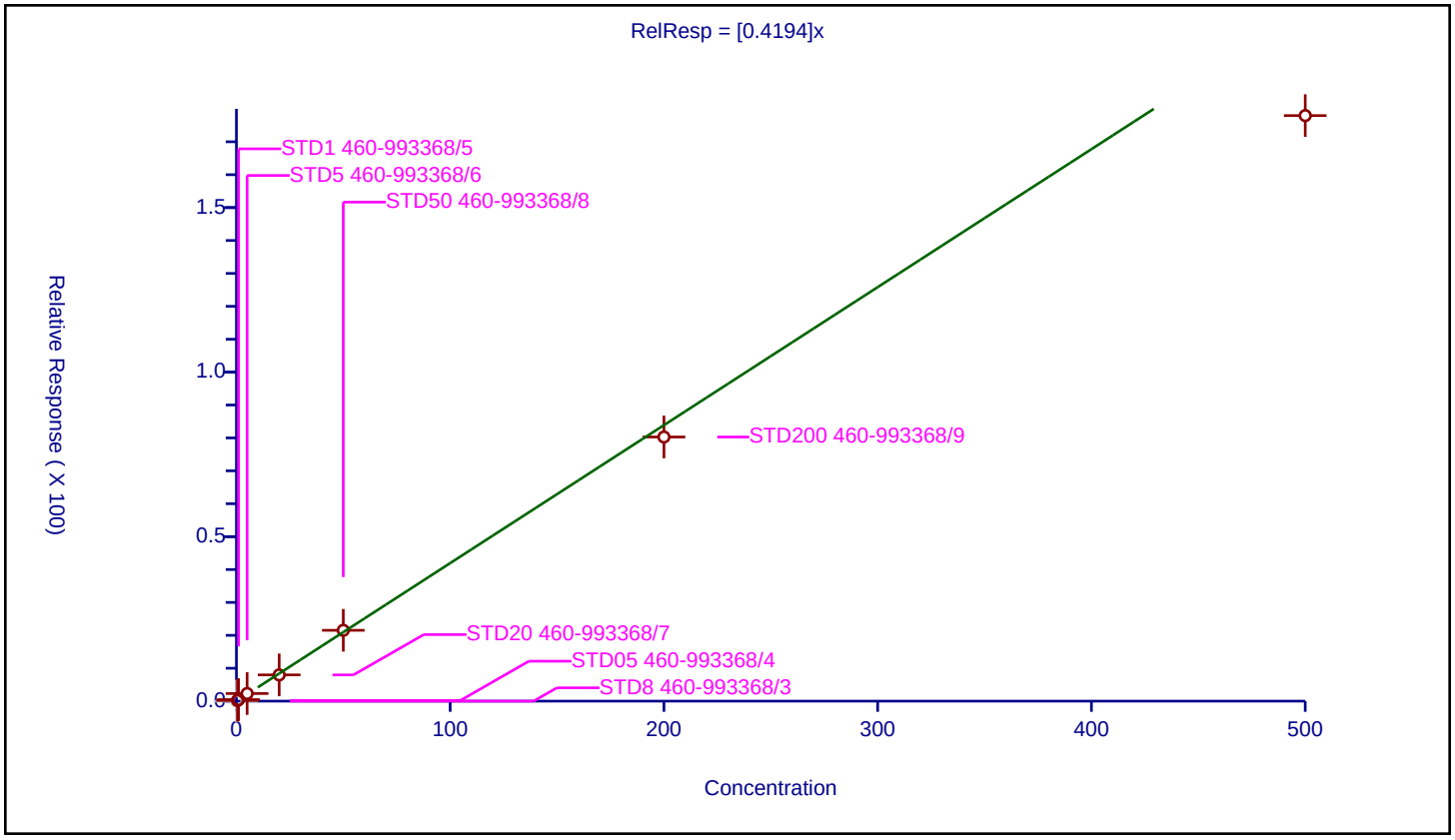
Curve Coefficients

Intercept:	0
Slope:	0.4194

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.209549	50.0	767841.0	0.419097	Y
3	STD1 460-993368/5	1.0	0.468604	50.0	736870.0	0.468604	Y
4	STD5 460-993368/6	5.0	2.307875	50.0	753377.0	0.461575	Y
5	STD20 460-993368/7	20.0	7.97333	50.0	750665.0	0.398667	Y
6	STD50 460-993368/8	50.0	21.529669	50.0	760583.0	0.430593	Y
7	STD200 460-993368/9	200.0	80.278443	50.0	788850.0	0.401392	Y
8	STD500 460-993368/10	500.0	177.963581	50.0	838521.0	0.355927	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

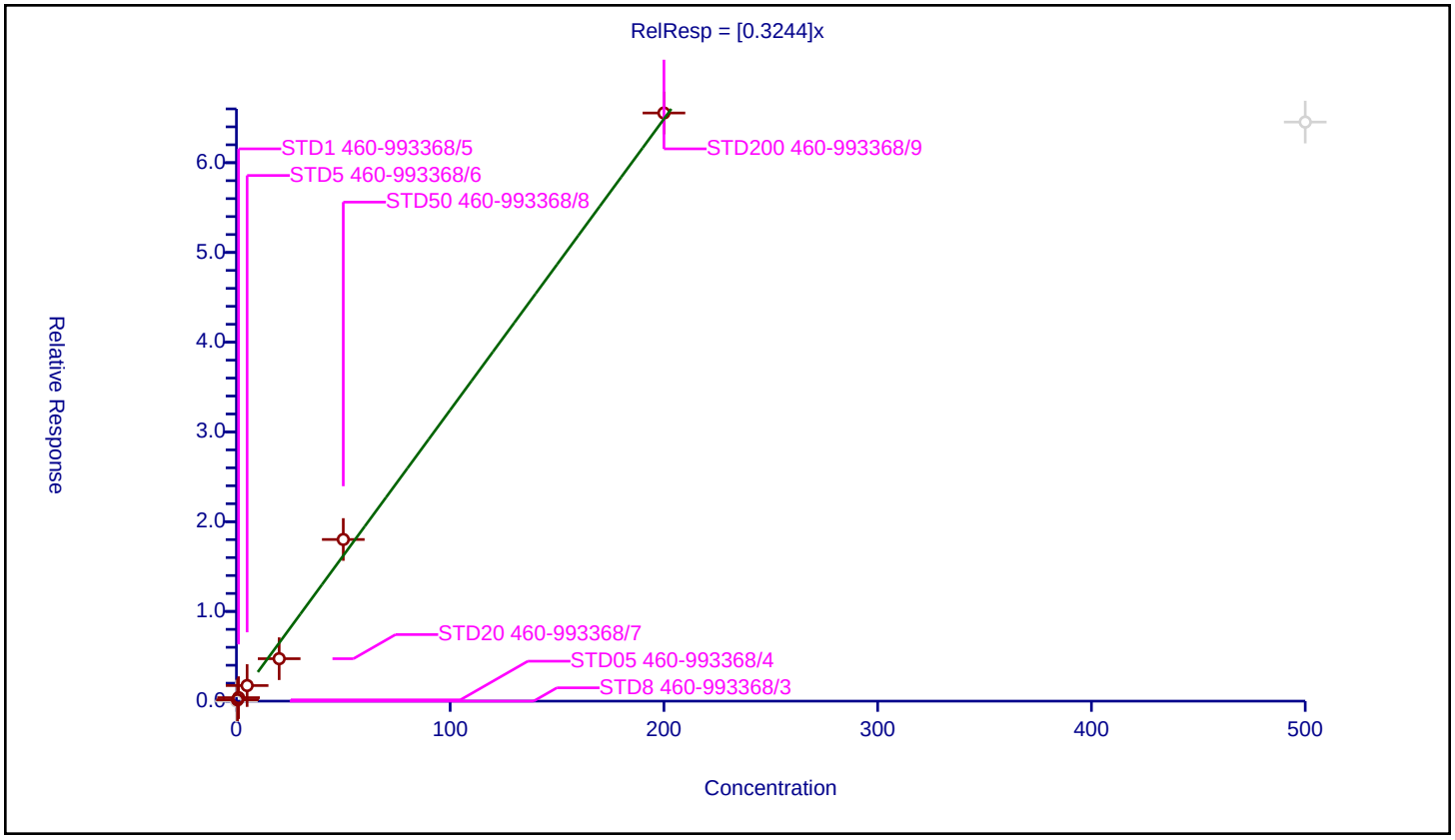
Curve Coefficients

Intercept:	0
Slope:	0.3244

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.14404	50.0	767841.0	0.28808	Y
3	STD1 460-993368/5	1.0	0.386093	50.0	736870.0	0.386093	Y
4	STD5 460-993368/6	5.0	1.738505	50.0	753377.0	0.347701	Y
5	STD20 460-993368/7	20.0	4.730872	50.0	750665.0	0.236544	Y
6	STD50 460-993368/8	50.0	18.013484	50.0	760583.0	0.36027	Y
7	STD200 460-993368/9	200.0	65.542118	50.0	788850.0	0.327711	Y
8	STD500 460-993368/10	500.0	64.532135	50.0	838521.0	0.129064	N



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

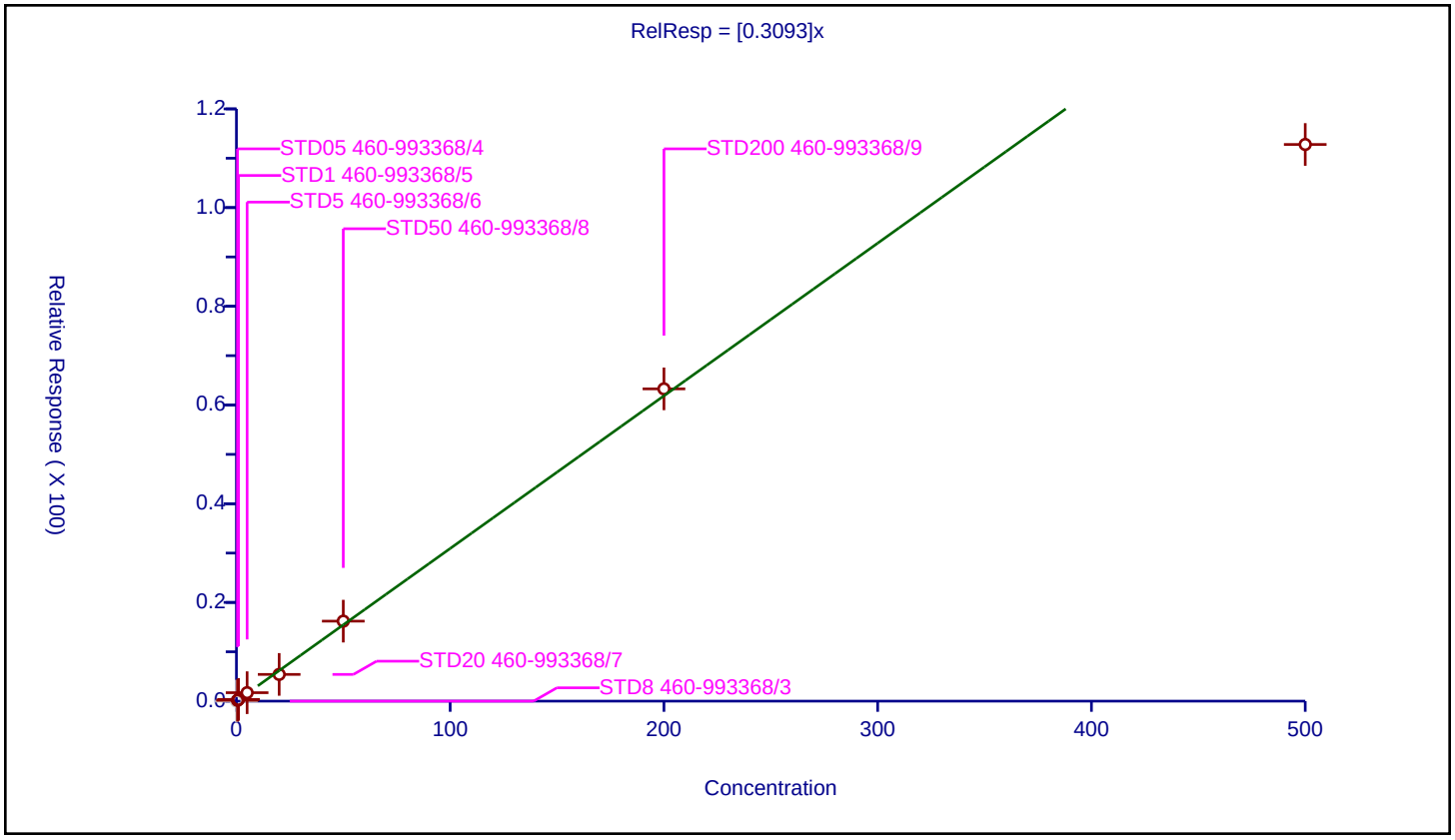
Curve Coefficients

Intercept:	0
Slope:	0.3093

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.168069	50.0	767841.0	0.336137	Y
3	STD1 460-993368/5	1.0	0.349655	50.0	736870.0	0.349655	Y
4	STD5 460-993368/6	5.0	1.712556	50.0	753377.0	0.342511	Y
5	STD20 460-993368/7	20.0	5.415731	50.0	750665.0	0.270787	Y
6	STD50 460-993368/8	50.0	16.206975	50.0	760583.0	0.32414	Y
7	STD200 460-993368/9	200.0	63.271535	50.0	788850.0	0.316358	Y
8	STD500 460-993368/10	500.0	112.789602	50.0	838521.0	0.225579	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

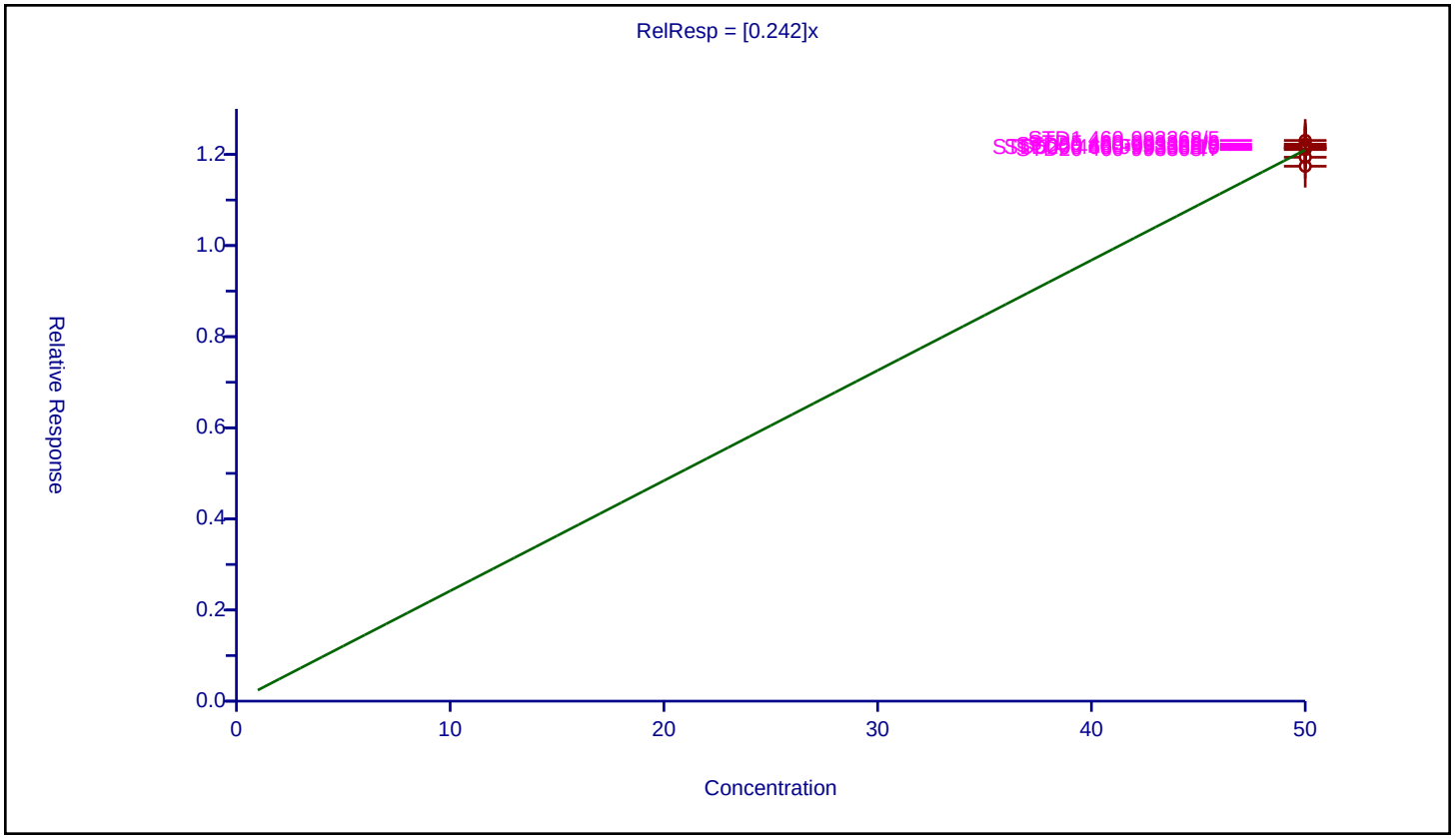
Curve Coefficients

Intercept:	0
Slope:	0.242

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	11.741204	50.0	794663.0	0.234824	Y
2	STD05 460-993368/4	50.0	11.938409	50.0	767841.0	0.238768	Y
3	STD1 460-993368/5	50.0	12.307463	50.0	736870.0	0.246149	Y
4	STD5 460-993368/6	50.0	12.227013	50.0	753377.0	0.24454	Y
5	STD20 460-993368/7	50.0	12.106932	50.0	750665.0	0.242139	Y
6	STD50 460-993368/8	50.0	12.185324	50.0	760583.0	0.243706	Y
7	STD200 460-993368/9	50.0	12.139824	50.0	788850.0	0.242796	Y
8	STD500 460-993368/10	50.0	12.146267	50.0	838521.0	0.242925	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

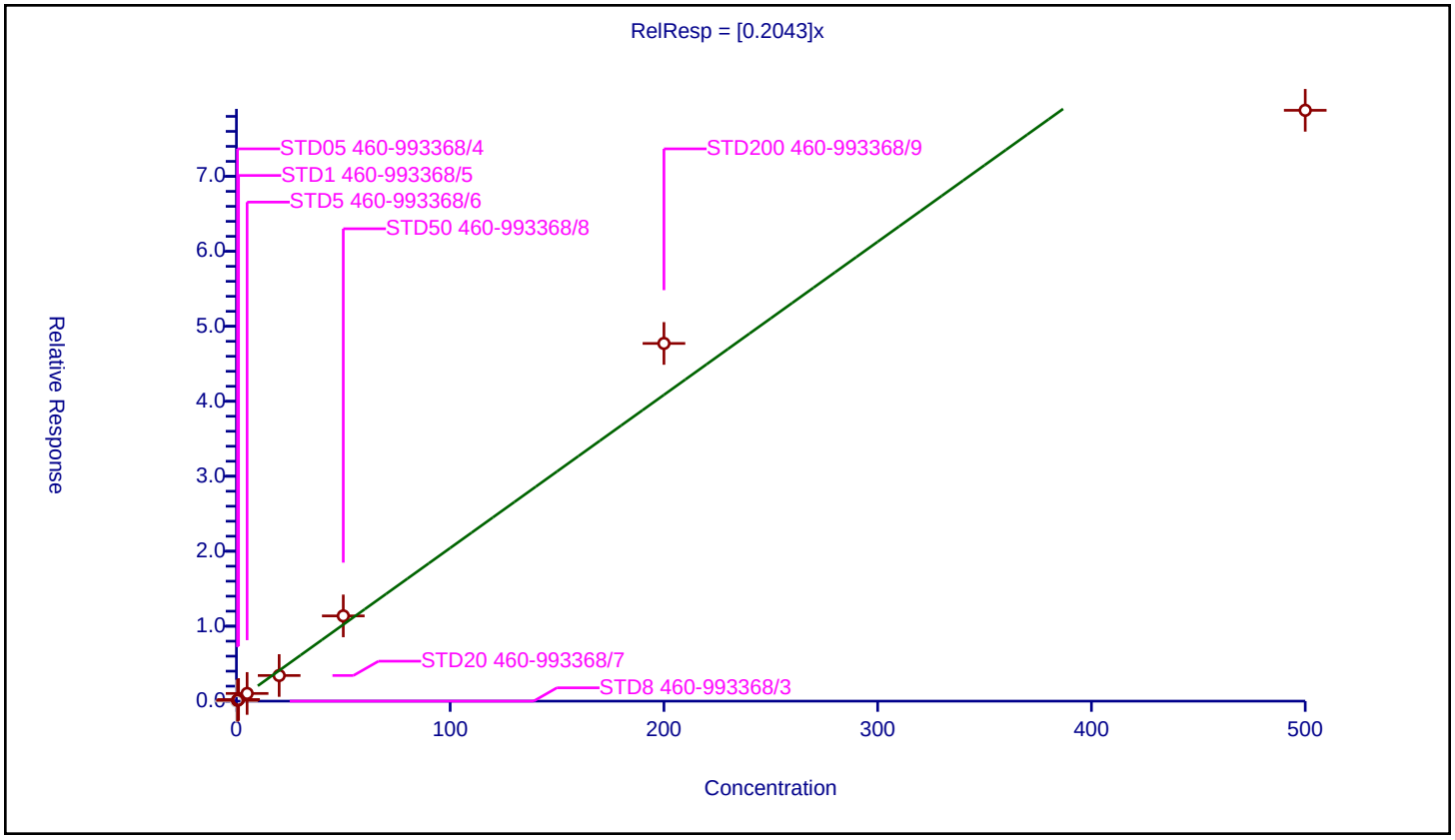
Curve Coefficients

Intercept:	0
Slope:	0.2043

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.107639	50.0	767841.0	0.215279	Y
3	STD1 460-993368/5	1.0	0.214963	50.0	736870.0	0.214963	Y
4	STD5 460-993368/6	5.0	1.025781	50.0	753377.0	0.205156	Y
5	STD20 460-993368/7	20.0	3.417903	50.0	750665.0	0.170895	Y
6	STD50 460-993368/8	50.0	11.369436	50.0	760583.0	0.227389	Y
7	STD200 460-993368/9	200.0	47.715218	50.0	788850.0	0.238576	Y
8	STD500 460-993368/10	500.0	78.811383	50.0	838521.0	0.157623	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

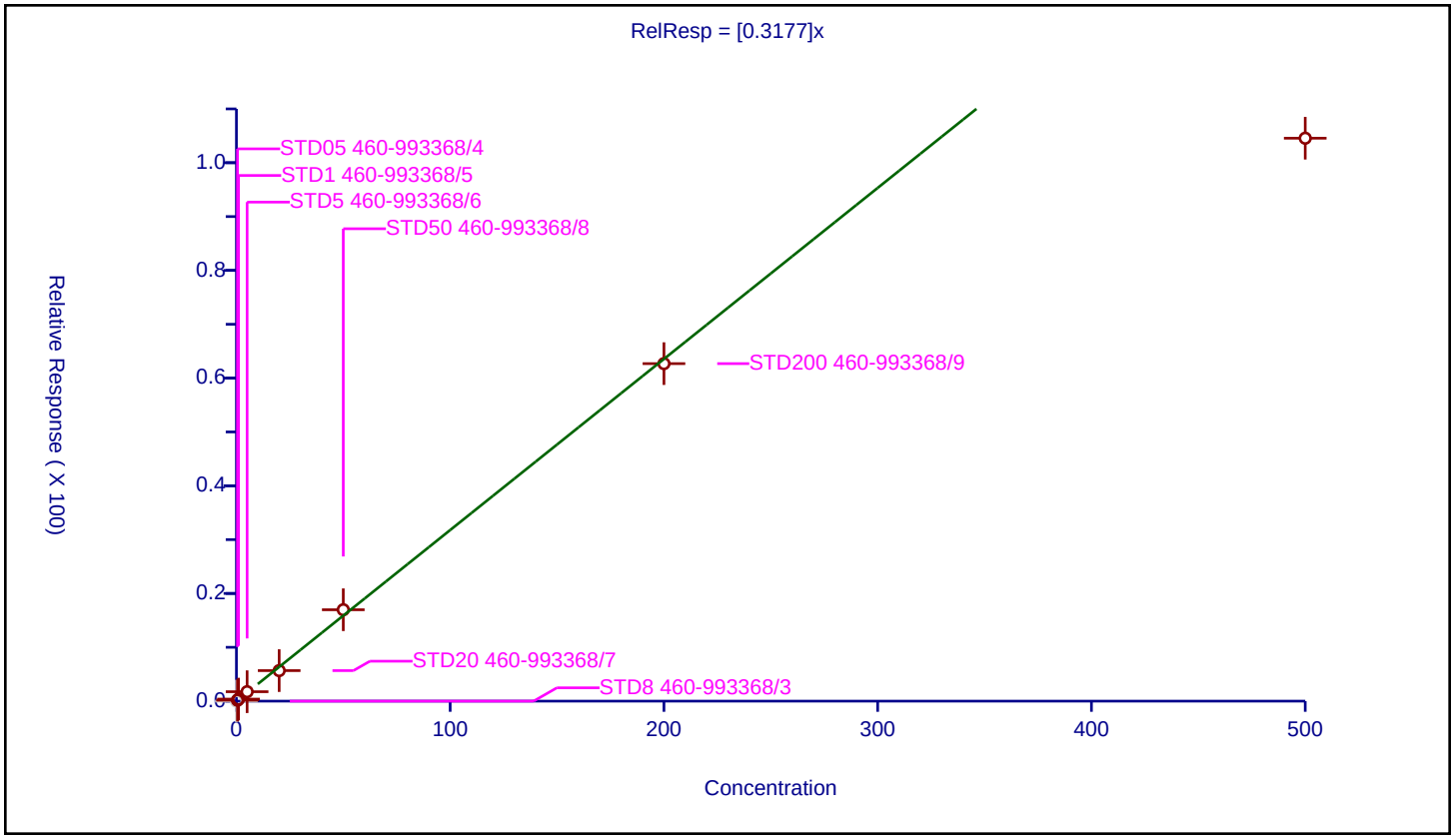
Curve Coefficients

Intercept:	0
Slope:	0.3177

Error Coefficients

Relative Standard Deviation:	17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.17445	50.0	767841.0	0.3489	Y
3	STD1 460-993368/5	1.0	0.379307	50.0	736870.0	0.379307	Y
4	STD5 460-993368/6	5.0	1.752044	50.0	753377.0	0.350409	Y
5	STD20 460-993368/7	20.0	5.670039	50.0	750665.0	0.283502	Y
6	STD50 460-993368/8	50.0	16.976845	50.0	760583.0	0.339537	Y
7	STD200 460-993368/9	200.0	62.68714	50.0	788850.0	0.313436	Y
8	STD500 460-993368/10	500.0	104.553732	50.0	838521.0	0.209107	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

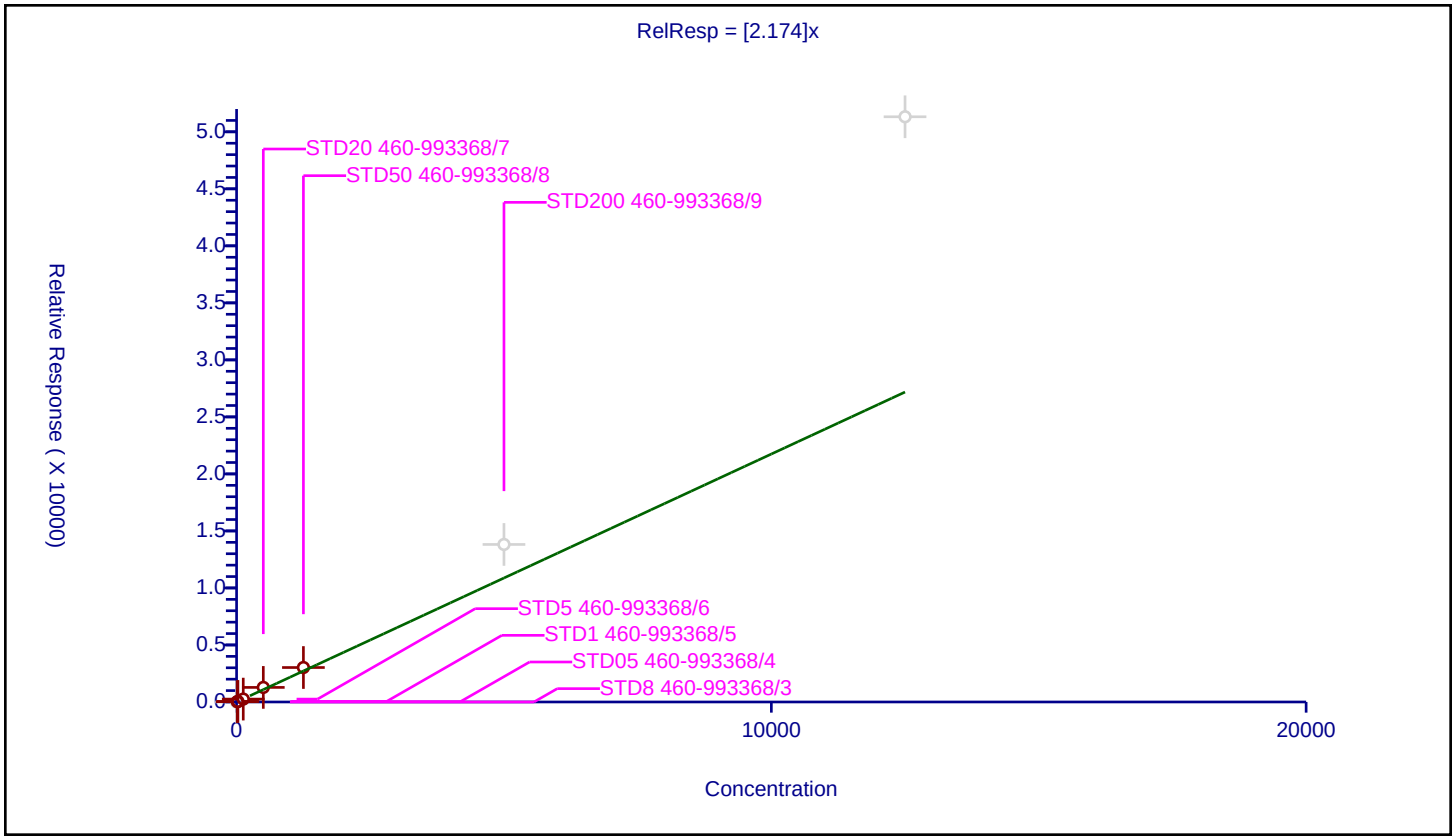
Curve Coefficients

Intercept:	0
Slope:	2.174

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	12.5	24.791769	1000.0	40820.0	1.983341	Y
3	STD1 460-993368/5	25.0	47.03228	1000.0	40334.0	1.881291	Y
4	STD5 460-993368/6	125.0	253.973208	1000.0	41654.0	2.031786	Y
5	STD20 460-993368/7	500.0	1278.397729	1000.0	46509.0	2.556795	Y
6	STD50 460-993368/8	1250.0	3023.209268	1000.0	51962.0	2.418567	Y
7	STD200 460-993368/9	5000.0	13814.755428	1000.0	53011.0	2.762951	N
8	STD500 460-993368/10	12500.0	51320.065316	1000.0	66752.0	4.105605	N



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

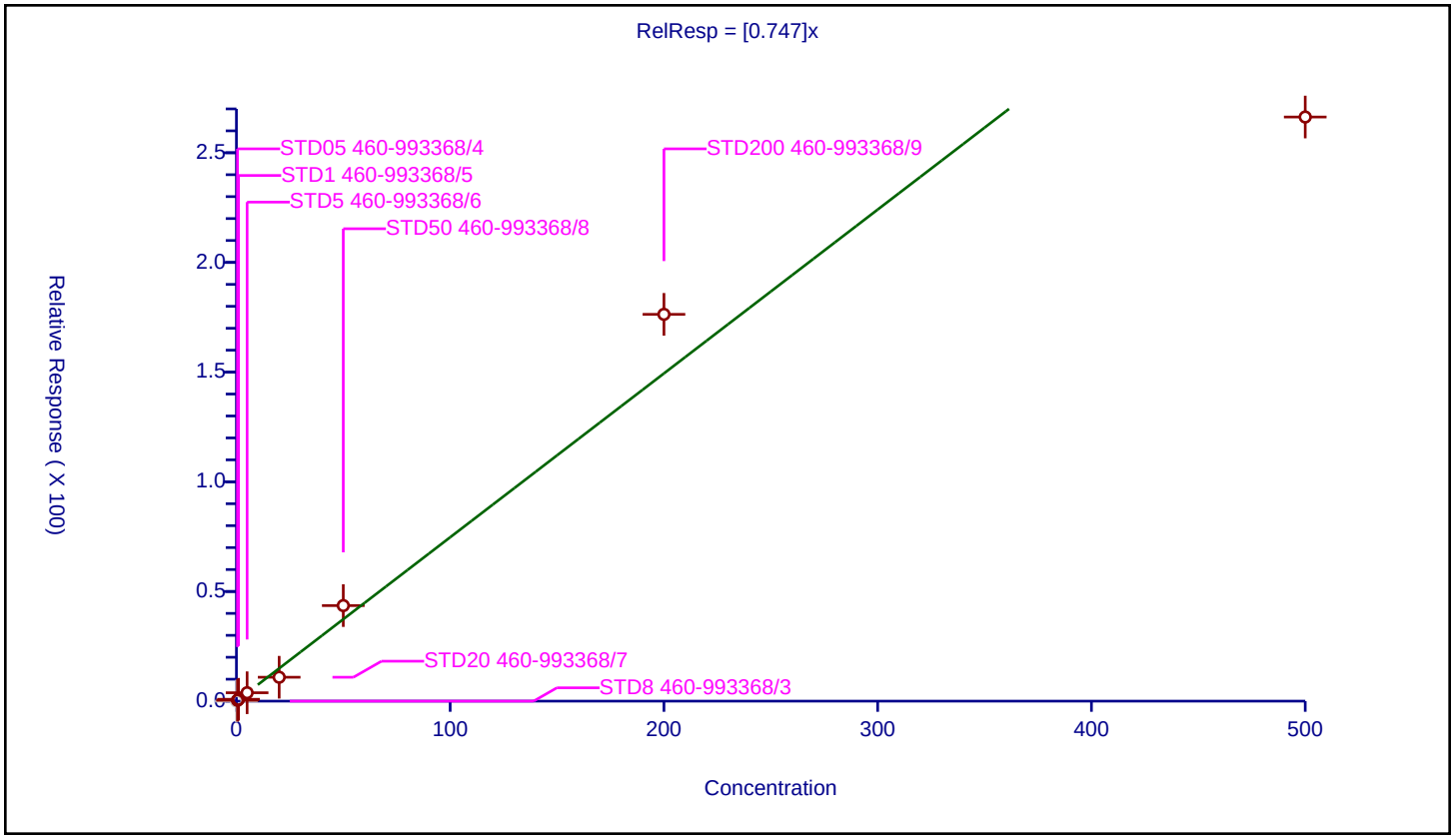
Curve Coefficients

Intercept:	0
Slope:	0.747

Error Coefficients

Relative Standard Deviation:	19.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.394027	50.0	767841.0	0.788054	Y
3	STD1 460-993368/5	1.0	0.844247	50.0	736870.0	0.844247	Y
4	STD5 460-993368/6	5.0	3.833141	50.0	753377.0	0.766628	Y
5	STD20 460-993368/7	20.0	10.892409	50.0	750665.0	0.54462	Y
6	STD50 460-993368/8	50.0	43.556193	50.0	760583.0	0.871124	Y
7	STD200 460-993368/9	200.0	176.329213	50.0	788850.0	0.881646	Y
8	STD500 460-993368/10	500.0	266.299532	50.0	838521.0	0.532599	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

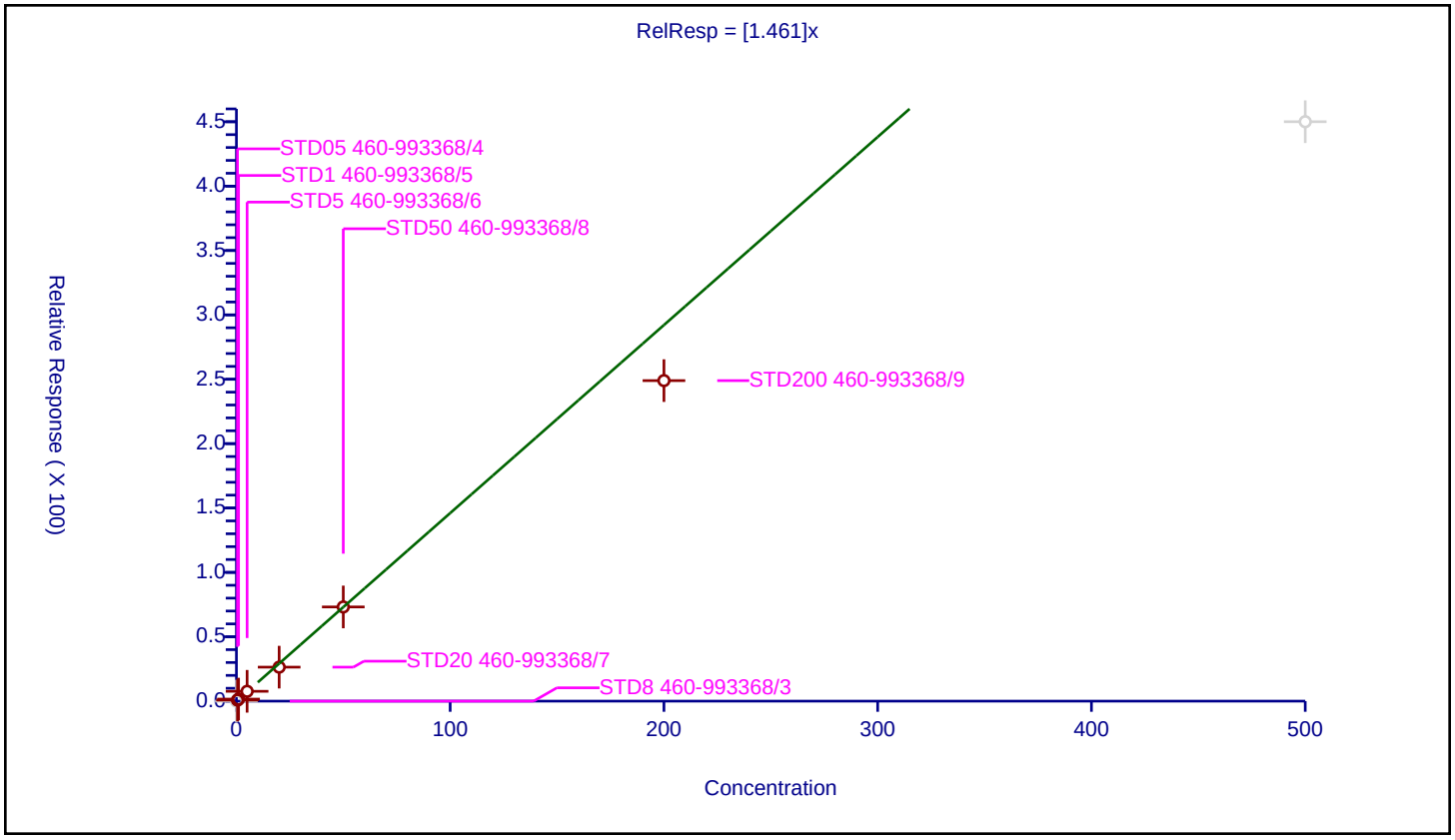
Curve Coefficients

Intercept:	0
Slope:	1.461

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.809024	50.0	529898.0	1.618047	Y
3	STD1 460-993368/5	1.0	1.586802	50.0	522214.0	1.586802	Y
4	STD5 460-993368/6	5.0	7.653782	50.0	538603.0	1.530756	Y
5	STD20 460-993368/7	20.0	26.406662	50.0	533106.0	1.320333	Y
6	STD50 460-993368/8	50.0	73.15189	50.0	539727.0	1.463038	Y
7	STD200 460-993368/9	200.0	248.948121	50.0	572119.0	1.244741	Y
8	STD500 460-993368/10	500.0	450.047849	50.0	611293.0	0.900096	N



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

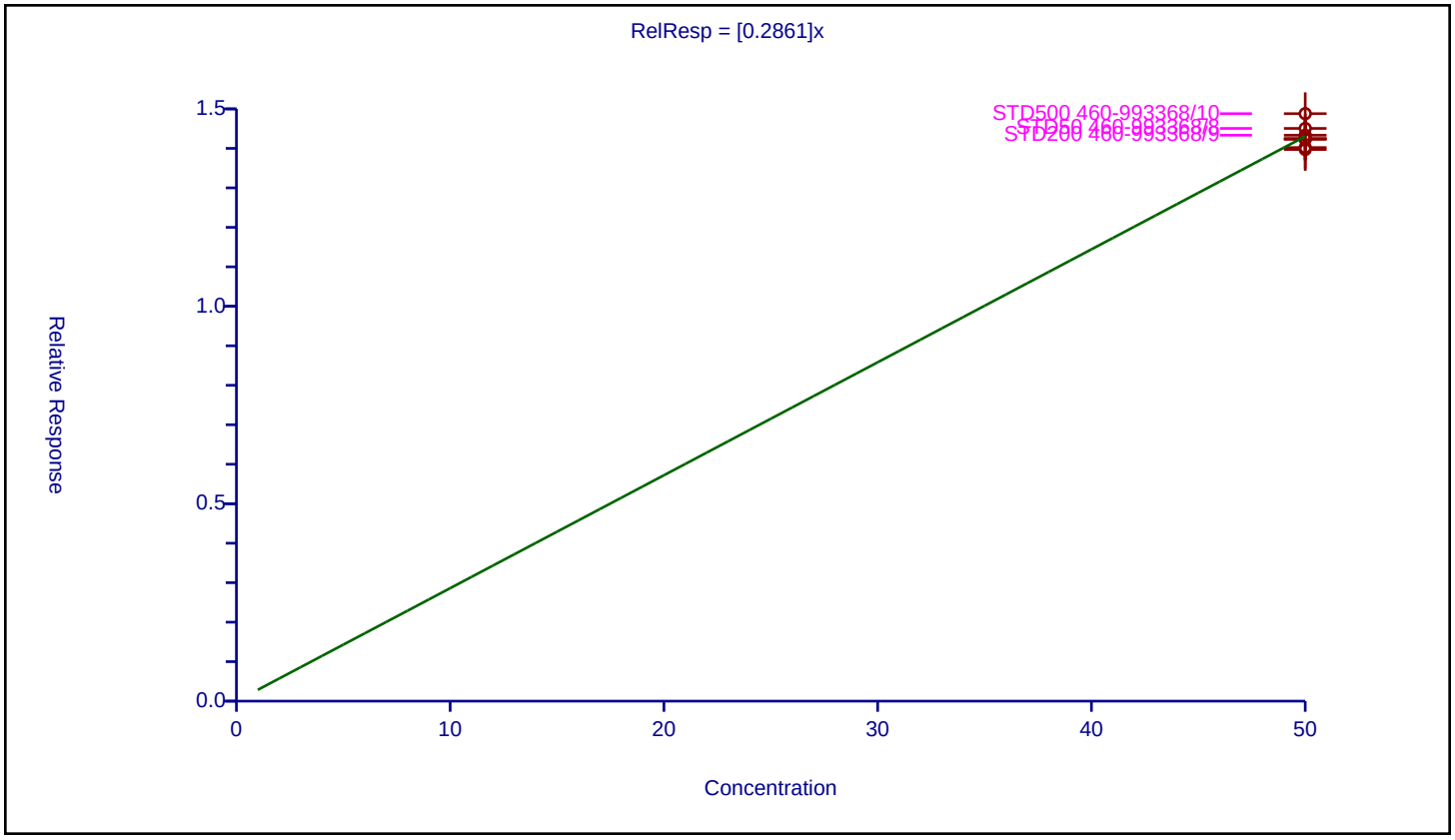
Curve Coefficients

Intercept:	0
Slope:	0.2861

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	14.229302	50.0	794663.0	0.284586	Y
2	STD05 460-993368/4	50.0	14.020741	50.0	767841.0	0.280415	Y
3	STD1 460-993368/5	50.0	14.24885	50.0	736870.0	0.284977	Y
4	STD5 460-993368/6	50.0	14.242471	50.0	753377.0	0.284849	Y
5	STD20 460-993368/7	50.0	13.971412	50.0	750665.0	0.279428	Y
6	STD50 460-993368/8	50.0	14.505386	50.0	760583.0	0.290108	Y
7	STD200 460-993368/9	50.0	14.33384	50.0	788850.0	0.286677	Y
8	STD500 460-993368/10	50.0	14.879472	50.0	838521.0	0.297589	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

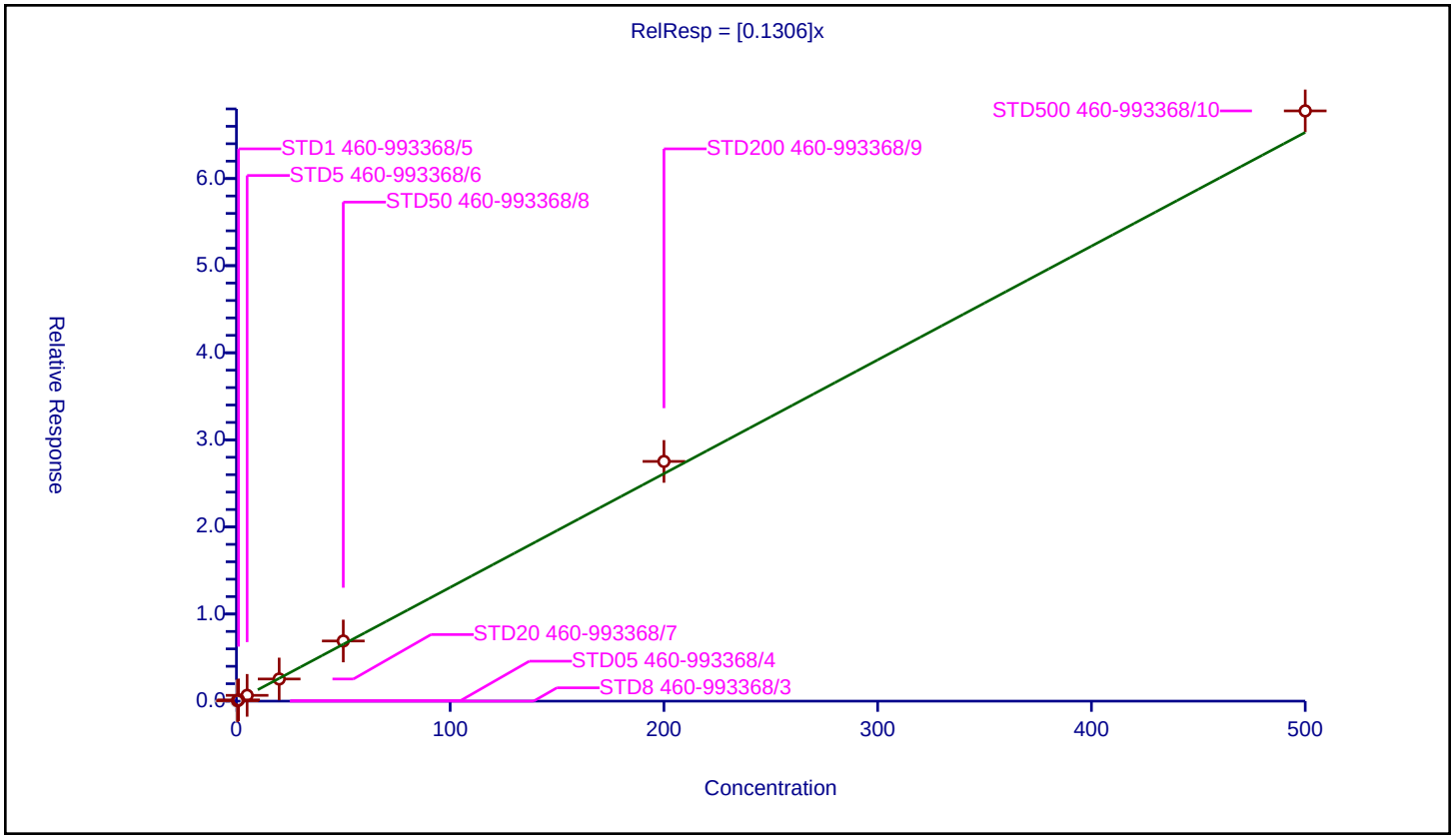
Curve Coefficients

Intercept:	0
Slope:	0.1306

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.050857	50.0	767841.0	0.101714	Y
3	STD1 460-993368/5	1.0	0.140934	50.0	736870.0	0.140934	Y
4	STD5 460-993368/6	5.0	0.666001	50.0	753377.0	0.1332	Y
5	STD20 460-993368/7	20.0	2.541613	50.0	750665.0	0.127081	Y
6	STD50 460-993368/8	50.0	6.907925	50.0	760583.0	0.138158	Y
7	STD200 460-993368/9	200.0	27.522913	50.0	788850.0	0.137615	Y
8	STD500 460-993368/10	500.0	67.770157	50.0	838521.0	0.13554	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

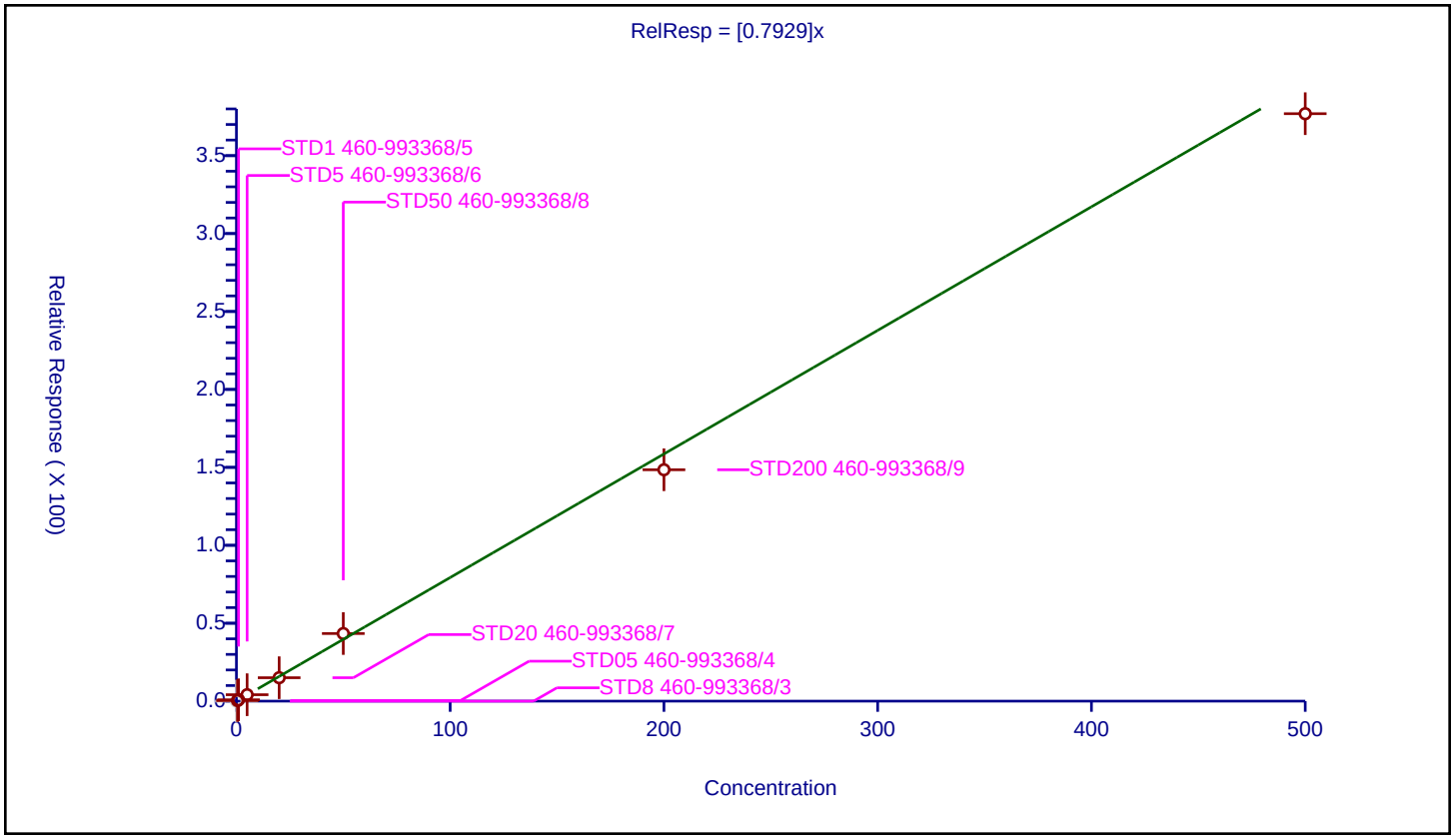
Curve Coefficients

Intercept:	0
Slope:	0.7929

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.370585	50.0	767841.0	0.741169	Y
3	STD1 460-993368/5	1.0	0.869285	50.0	736870.0	0.869285	Y
4	STD5 460-993368/6	5.0	4.123168	50.0	753377.0	0.824634	Y
5	STD20 460-993368/7	20.0	15.031339	50.0	750665.0	0.751567	Y
6	STD50 460-993368/8	50.0	43.385863	50.0	760583.0	0.867717	Y
7	STD200 460-993368/9	200.0	148.463269	50.0	788850.0	0.742316	Y
8	STD500 460-993368/10	500.0	376.917692	50.0	838521.0	0.753835	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

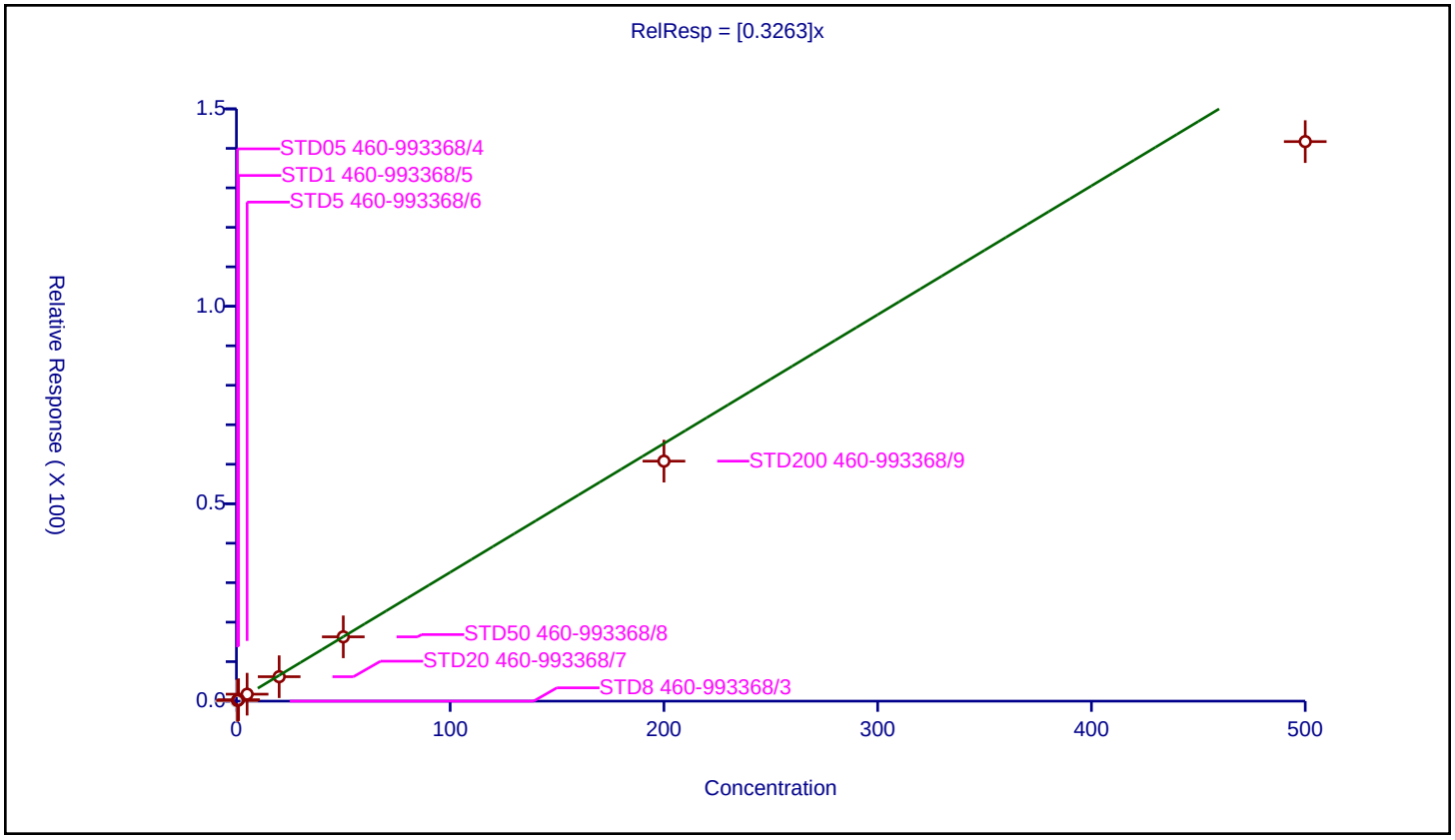
Curve Coefficients

Intercept:	0
Slope:	0.3263

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.173539	50.0	767841.0	0.347077	Y
3	STD1 460-993368/5	1.0	0.361801	50.0	736870.0	0.361801	Y
4	STD5 460-993368/6	5.0	1.762531	50.0	753377.0	0.352506	Y
5	STD20 460-993368/7	20.0	6.190511	50.0	750665.0	0.309526	Y
6	STD50 460-993368/8	50.0	16.286125	50.0	760583.0	0.325723	Y
7	STD200 460-993368/9	200.0	60.782405	50.0	788850.0	0.303912	Y
8	STD500 460-993368/10	500.0	141.716546	50.0	838521.0	0.283433	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

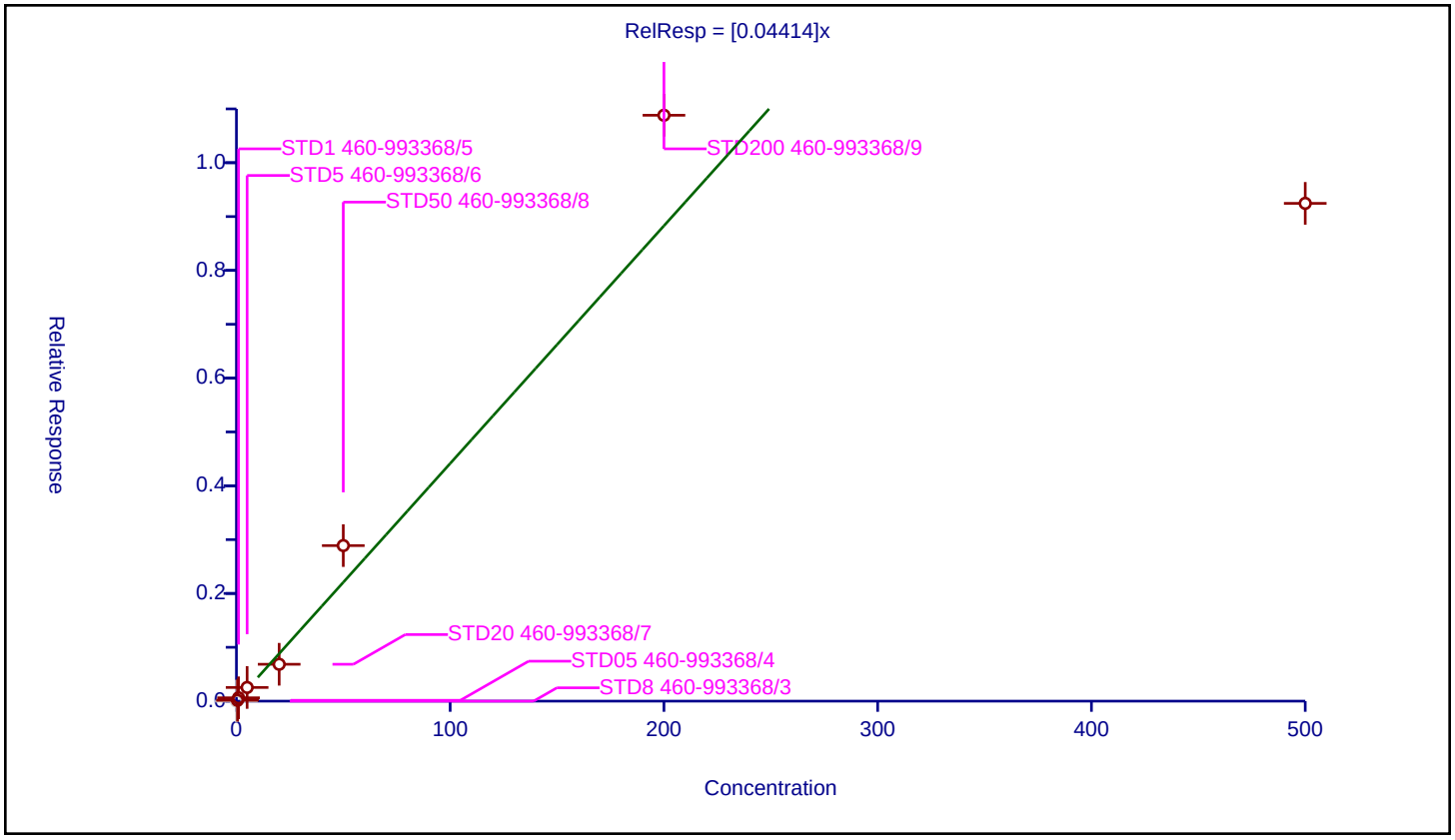
Curve Coefficients

Intercept:	0
Slope:	0.04414

Error Coefficients

Relative Standard Deviation:	36.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.015693	50.0	767841.0	0.031387	Y
3	STD1 460-993368/5	1.0	0.061883	50.0	736870.0	0.061883	Y
4	STD5 460-993368/6	5.0	0.254056	50.0	753377.0	0.050811	Y
5	STD20 460-993368/7	20.0	0.684793	50.0	750665.0	0.03424	Y
6	STD50 460-993368/8	50.0	2.889363	50.0	760583.0	0.057787	Y
7	STD200 460-993368/9	200.0	10.881663	50.0	788850.0	0.054408	Y
8	STD500 460-993368/10	500.0	9.245386	50.0	838521.0	0.018491	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

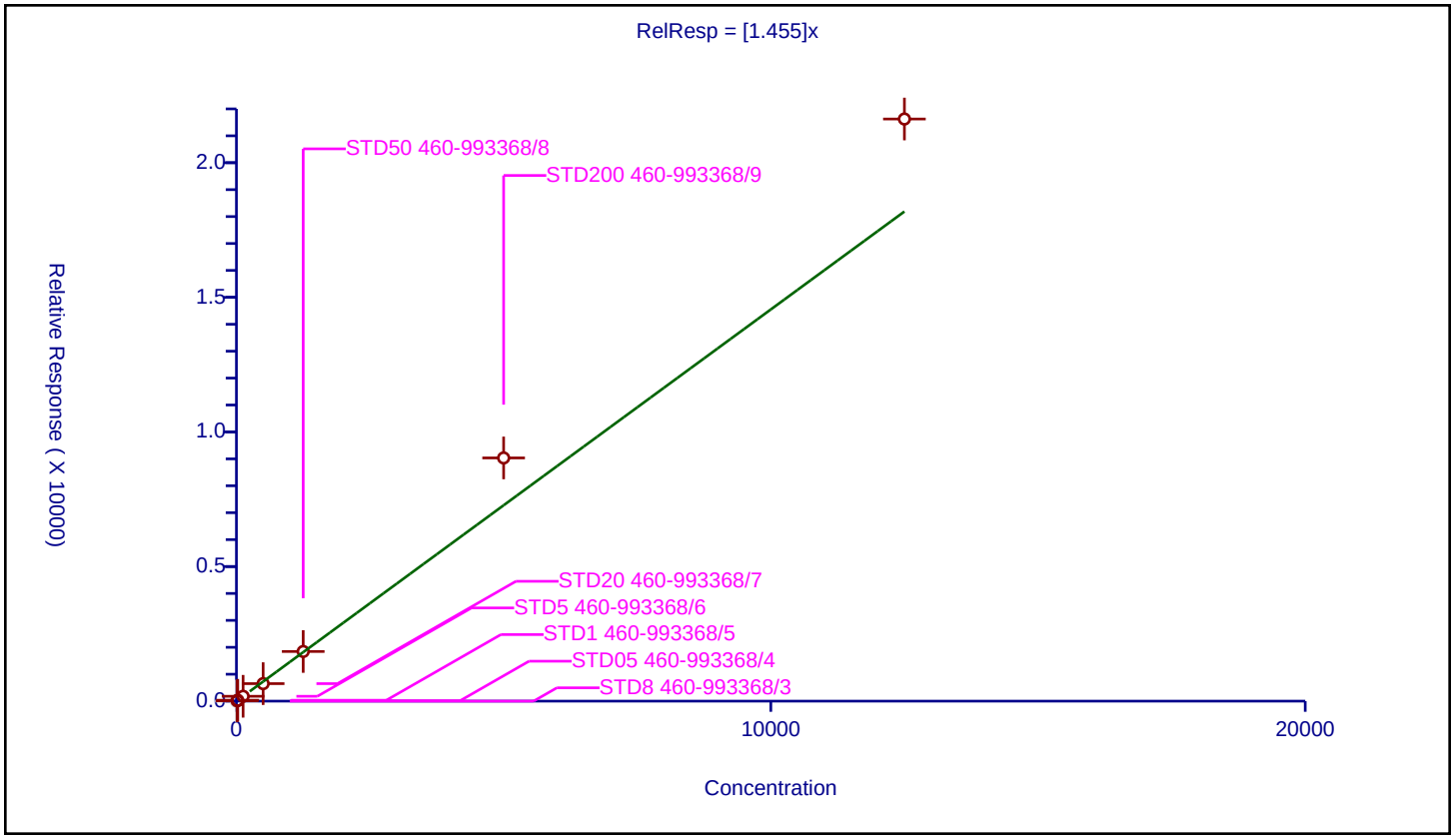
Curve Coefficients

Intercept:	0
Slope:	1.455

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	12.5	13.816756	1000.0	40820.0	1.105341	Y
3	STD1 460-993368/5	25.0	32.999455	1000.0	40334.0	1.319978	Y
4	STD5 460-993368/6	125.0	180.894992	1000.0	41654.0	1.44716	Y
5	STD20 460-993368/7	500.0	650.067729	1000.0	46509.0	1.300135	Y
6	STD50 460-993368/8	1250.0	1844.386282	1000.0	51962.0	1.475509	Y
7	STD200 460-993368/9	5000.0	9034.275905	1000.0	53011.0	1.806855	Y
8	STD500 460-993368/10	12500.0	21623.966323	1000.0	66752.0	1.729917	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

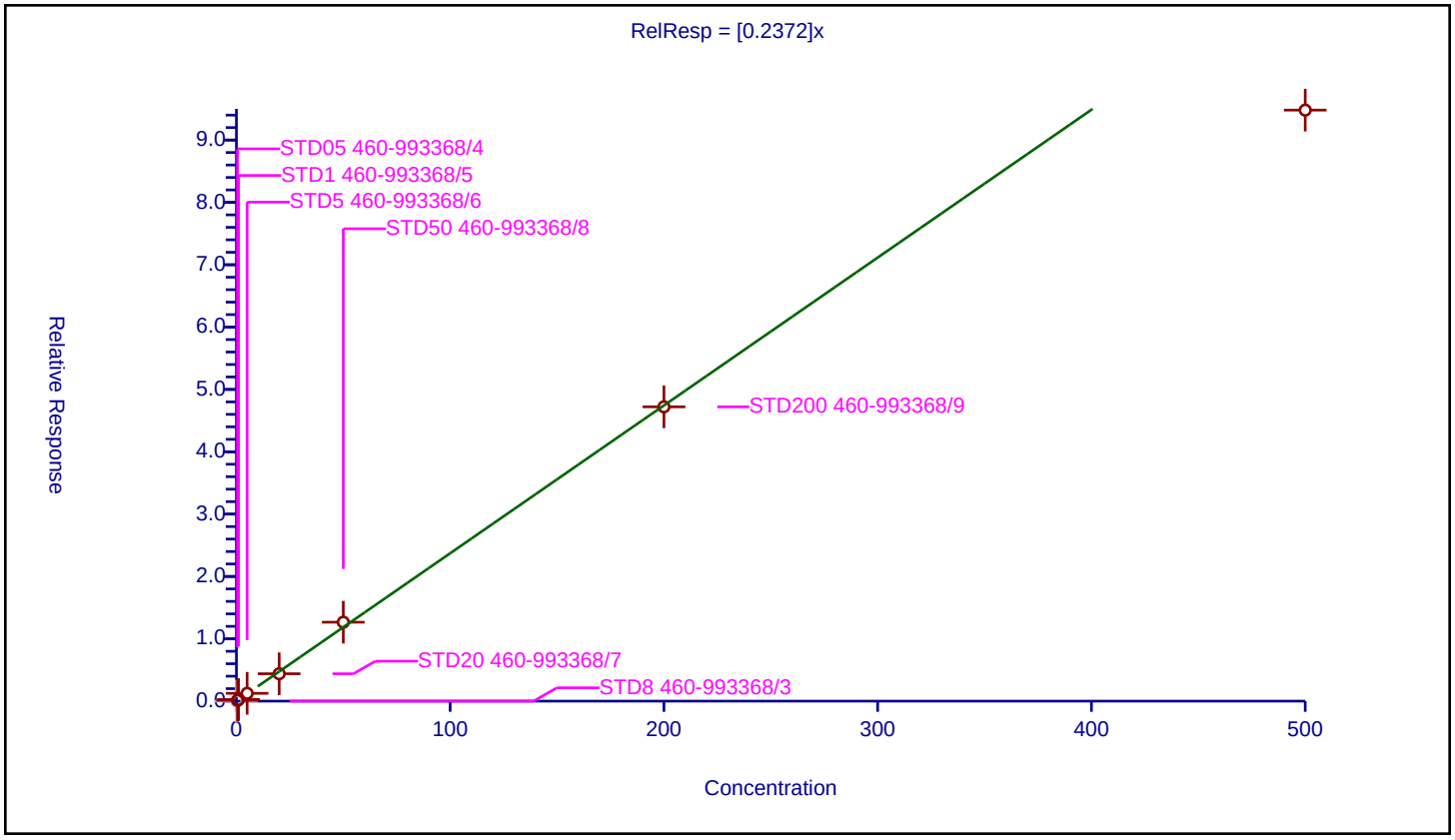
Curve Coefficients

Intercept:	0
Slope:	0.2372

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.125221	50.0	767841.0	0.250442	Y
3	STD1 460-993368/5	1.0	0.260222	50.0	736870.0	0.260222	Y
4	STD5 460-993368/6	5.0	1.254153	50.0	753377.0	0.250831	Y
5	STD20 460-993368/7	20.0	4.395036	50.0	750665.0	0.219752	Y
6	STD50 460-993368/8	50.0	12.661932	50.0	760583.0	0.253239	Y
7	STD200 460-993368/9	200.0	47.212398	50.0	788850.0	0.236062	Y
8	STD500 460-993368/10	500.0	94.802515	50.0	838521.0	0.189605	Y



Calibration / Ethyl acrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

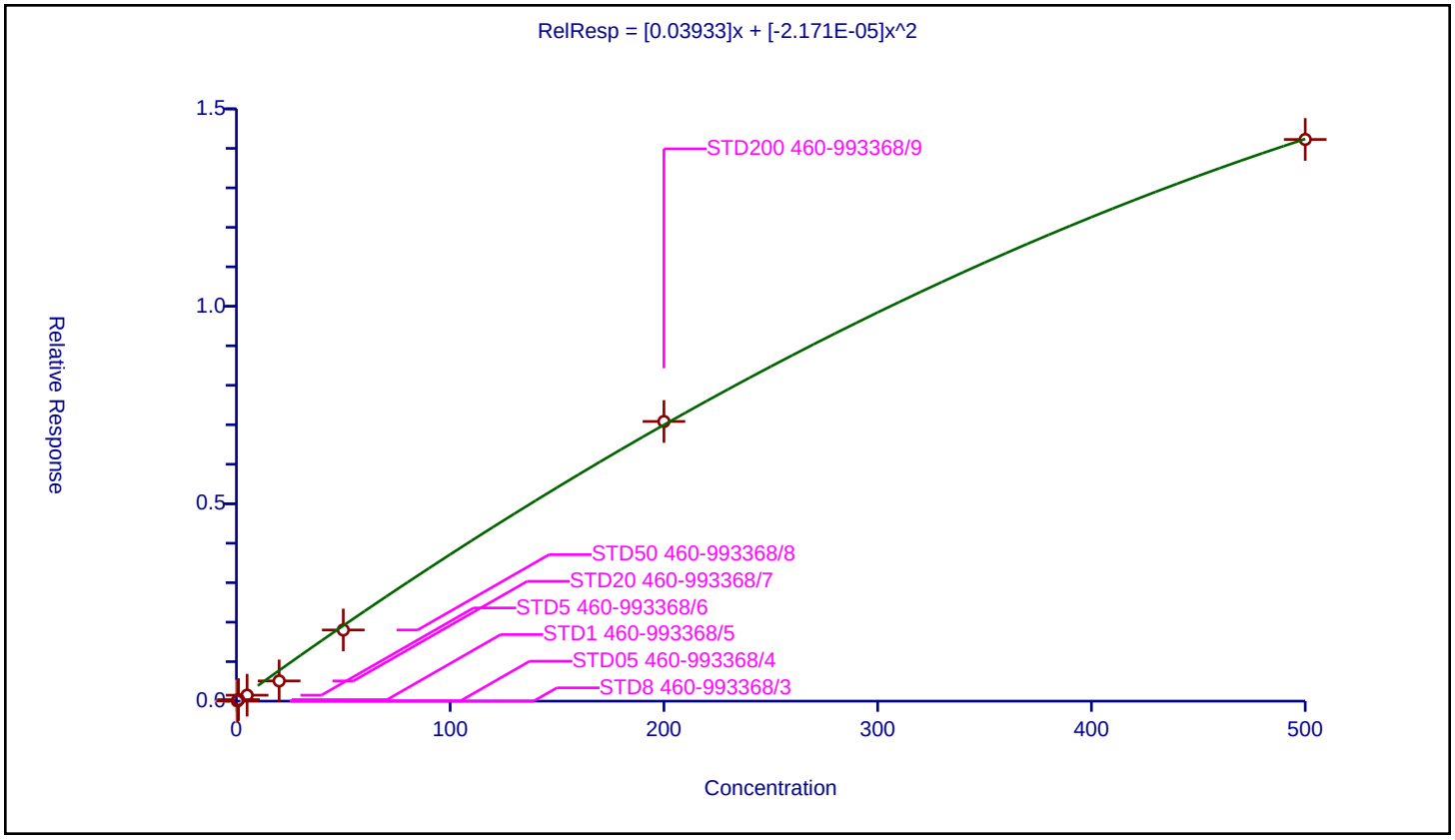
Curve Coefficients

Intercept:	0
Slope:	0.03933
Second Order:	-2.171E-05

Error Coefficients

Relative Standard Deviation:	36.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.005795	50.0	767841.0	0.011591	Y
3	STD1 460-993368/5	1.0	0.038813	50.0	736870.0	0.038813	Y
4	STD5 460-993368/6	5.0	0.150854	50.0	753377.0	0.030171	Y
5	STD20 460-993368/7	20.0	0.512412	50.0	750665.0	0.025621	Y
6	STD50 460-993368/8	50.0	1.801907	50.0	760583.0	0.036038	Y
7	STD200 460-993368/9	200.0	7.083539	50.0	788850.0	0.035418	Y
8	STD500 460-993368/10	500.0	14.225702	50.0	838521.0	0.028451	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

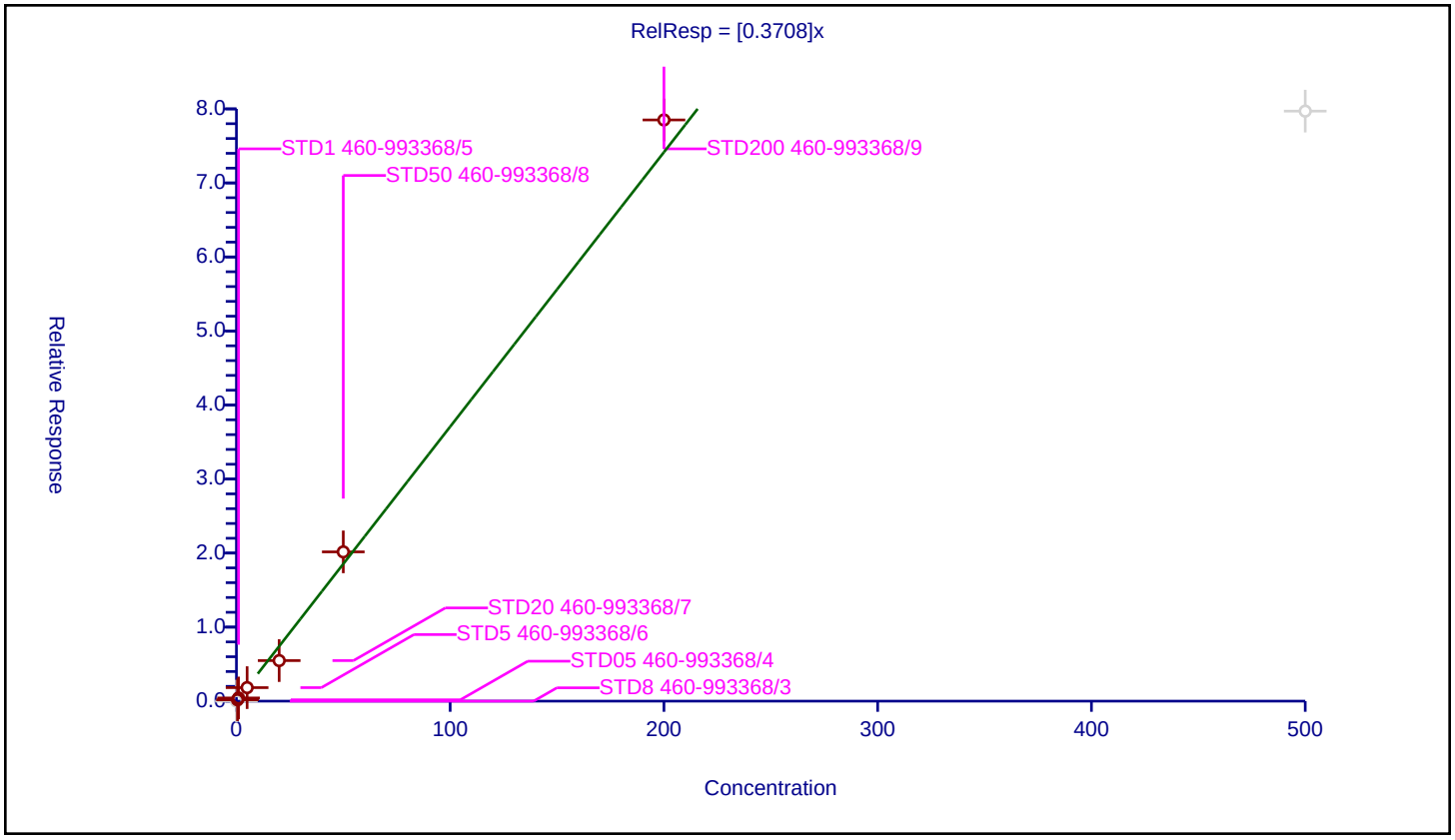
Curve Coefficients

Intercept:	0
Slope:	0.3708

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.180767	50.0	767841.0	0.361533	Y
3	STD1 460-993368/5	1.0	0.428298	50.0	736870.0	0.428298	Y
4	STD5 460-993368/6	5.0	1.826244	50.0	753377.0	0.365249	Y
5	STD20 460-993368/7	20.0	5.476078	50.0	750665.0	0.273804	Y
6	STD50 460-993368/8	50.0	20.161442	50.0	760583.0	0.403229	Y
7	STD200 460-993368/9	200.0	78.50694	50.0	788850.0	0.392535	Y
8	STD500 460-993368/10	500.0	79.697885	50.0	838521.0	0.159396	N



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

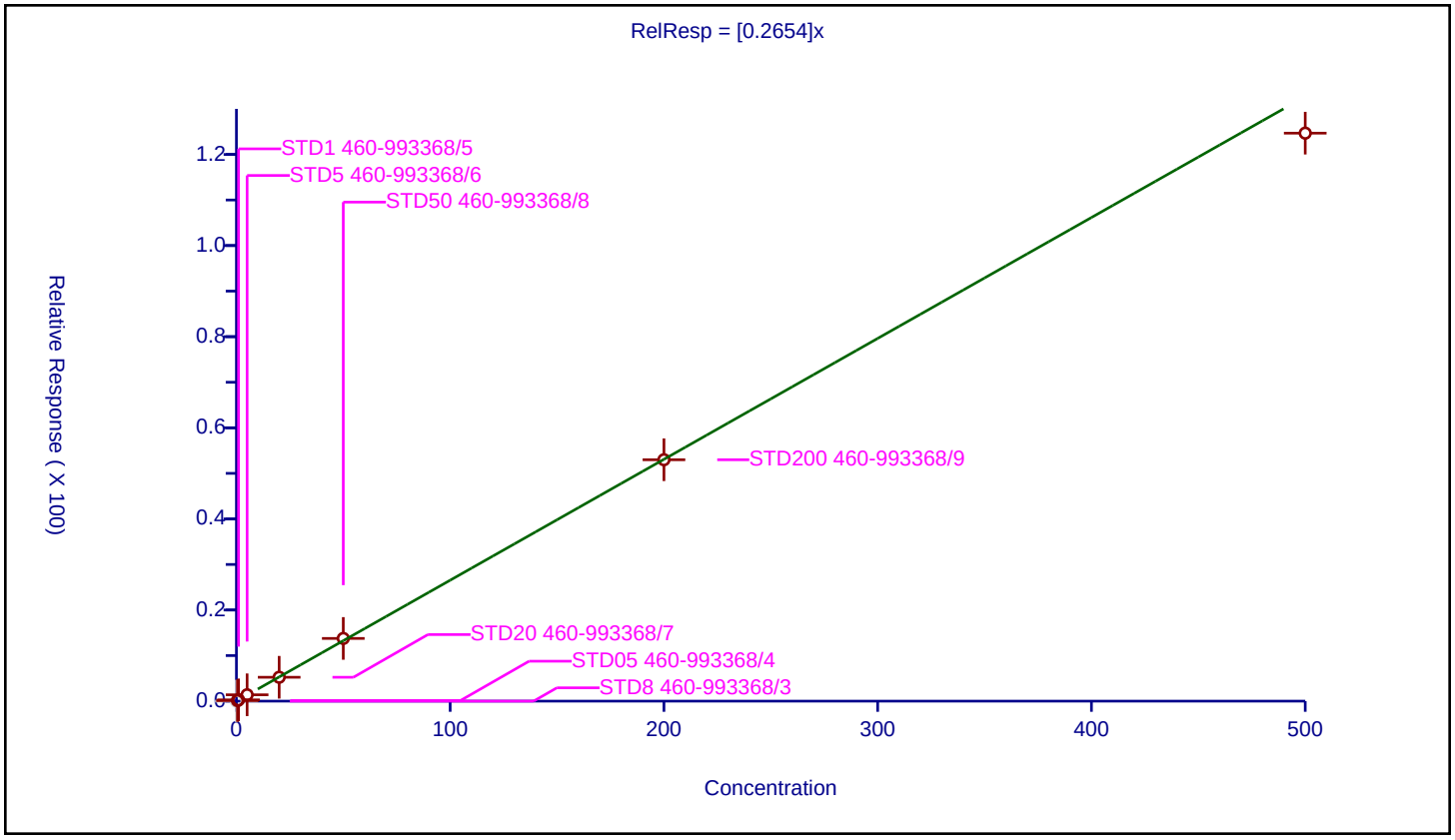
Curve Coefficients

Intercept:	0
Slope:	0.2654

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.124765	50.0	767841.0	0.249531	Y
3	STD1 460-993368/5	1.0	0.277593	50.0	736870.0	0.277593	Y
4	STD5 460-993368/6	5.0	1.394786	50.0	753377.0	0.278957	Y
5	STD20 460-993368/7	20.0	5.242751	50.0	750665.0	0.262138	Y
6	STD50 460-993368/8	50.0	13.762535	50.0	760583.0	0.275251	Y
7	STD200 460-993368/9	200.0	52.989922	50.0	788850.0	0.26495	Y
8	STD500 460-993368/10	500.0	124.674695	50.0	838521.0	0.249349	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

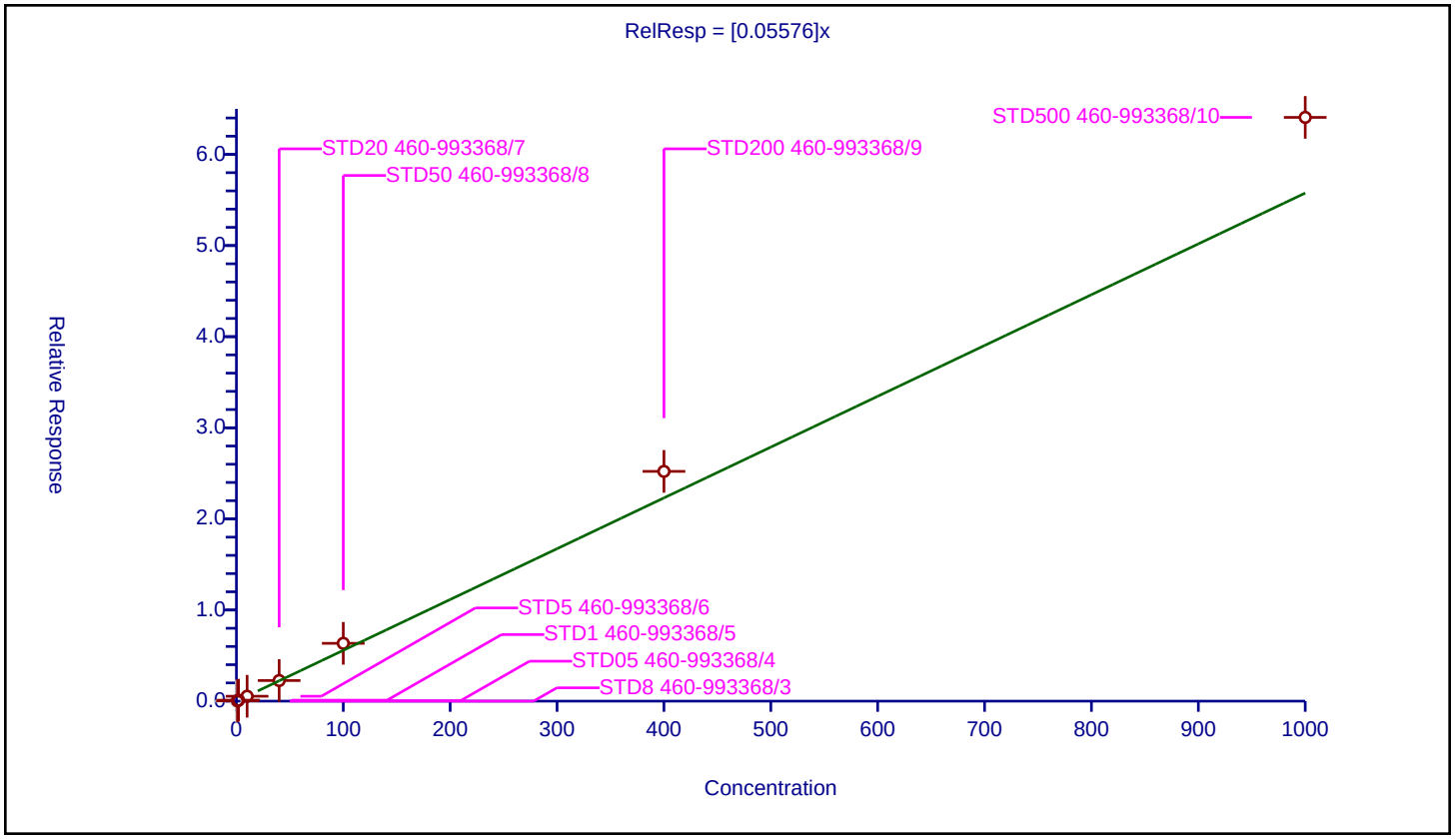
Curve Coefficients

Intercept:	0
Slope:	0.05576

Error Coefficients

Relative Standard Deviation:	17.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.036466	50.0	767841.0	0.036466	Y
3	STD1 460-993368/5	2.0	0.105446	50.0	736870.0	0.052723	Y
4	STD5 460-993368/6	10.0	0.540168	50.0	753377.0	0.054017	Y
5	STD20 460-993368/7	40.0	2.261861	50.0	750665.0	0.056547	Y
6	STD50 460-993368/8	100.0	6.345461	50.0	760583.0	0.063455	Y
7	STD200 460-993368/9	400.0	25.215377	50.0	788850.0	0.063038	Y
8	STD500 460-993368/10	1000.0	64.067149	50.0	838521.0	0.064067	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

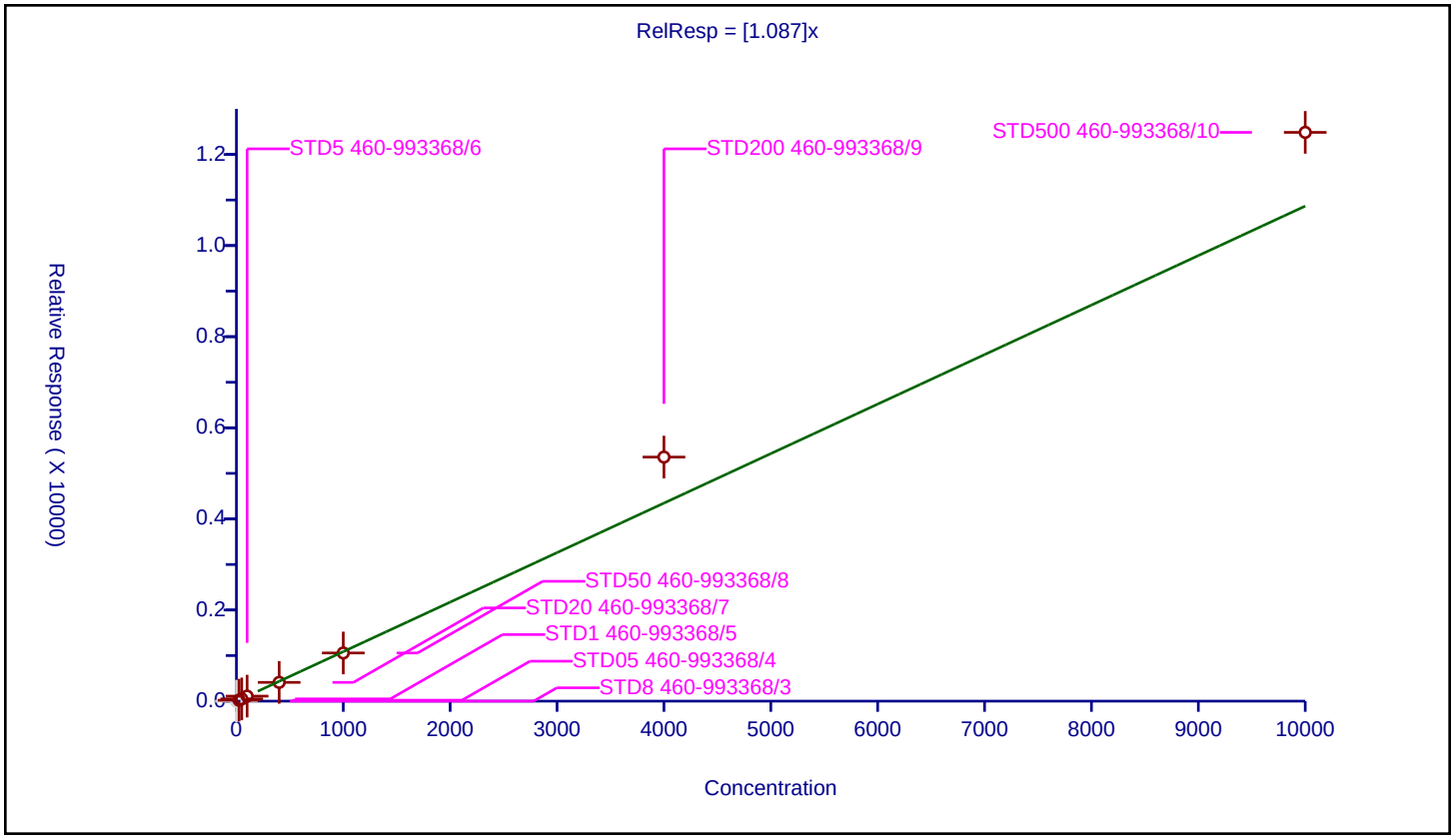
Curve Coefficients

Intercept:	0
Slope:	1.087

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	29940.0	NaN	N
2	STD05 460-993368/4	25.000031	20.930841	1000.0	34399.0	0.837233	Y
3	STD1 460-993368/5	50.000062	49.678274	1000.0	31704.0	0.993564	Y
4	STD5 460-993368/6	100.0	110.079648	1000.0	36410.0	1.100796	Y
5	STD20 460-993368/7	400.0	412.027561	1000.0	34687.0	1.030069	Y
6	STD50 460-993368/8	1000.0	1057.114747	1000.0	38624.0	1.057115	Y
7	STD200 460-993368/9	4000.0	5356.963675	1000.0	30695.0	1.339241	Y
8	STD500 460-993368/10	10000.0	12484.393467	1000.0	37228.0	1.248439	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

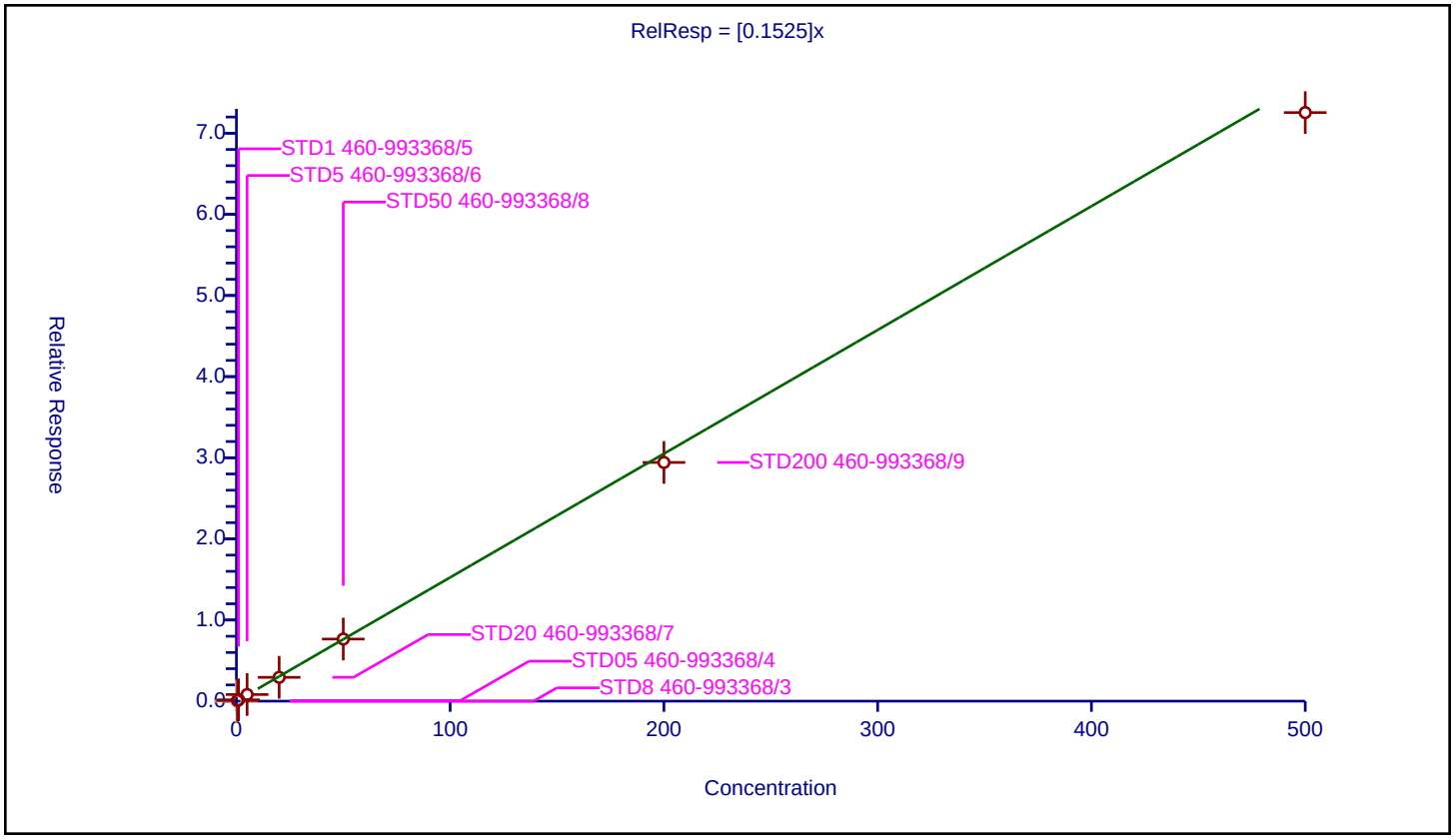
Curve Coefficients

Intercept:	0
Slope:	0.1525

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.075341	50.0	767841.0	0.150682	Y
3	STD1 460-993368/5	1.0	0.161494	50.0	736870.0	0.161494	Y
4	STD5 460-993368/6	5.0	0.817054	50.0	753377.0	0.163411	Y
5	STD20 460-993368/7	20.0	2.934132	50.0	750665.0	0.146707	Y
6	STD50 460-993368/8	50.0	7.65472	50.0	760583.0	0.153094	Y
7	STD200 460-993368/9	200.0	29.419091	50.0	788850.0	0.147095	Y
8	STD500 460-993368/10	500.0	72.543562	50.0	838521.0	0.145087	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

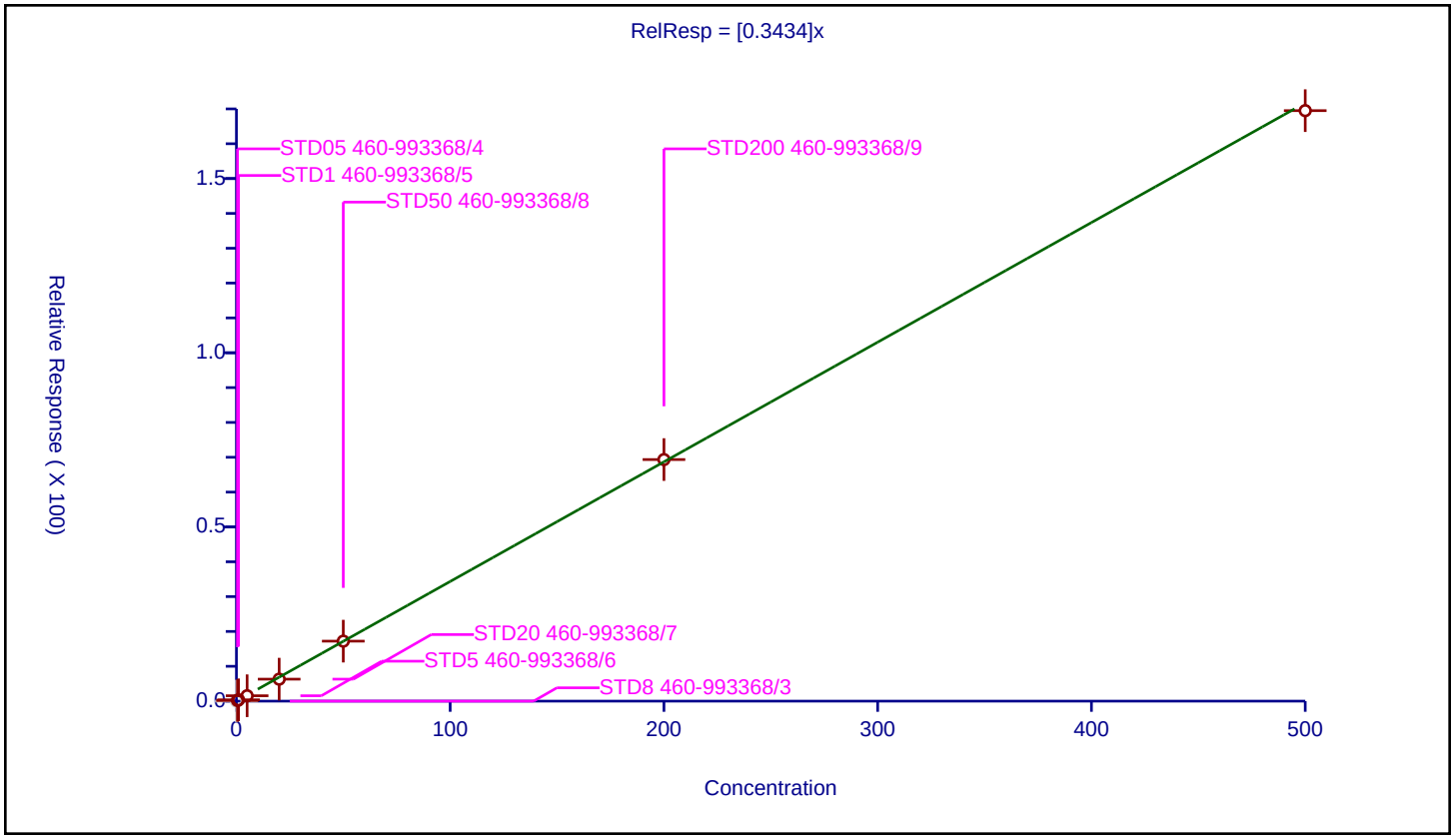
Curve Coefficients

Intercept:	0
Slope:	0.3434

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.186888	50.0	767841.0	0.373775	Y
3	STD1 460-993368/5	1.0	0.375439	50.0	736870.0	0.375439	Y
4	STD5 460-993368/6	5.0	1.546901	50.0	753377.0	0.30938	Y
5	STD20 460-993368/7	20.0	6.308606	50.0	750665.0	0.31543	Y
6	STD50 460-993368/8	50.0	17.220737	50.0	760583.0	0.344415	Y
7	STD200 460-993368/9	200.0	69.340876	50.0	788850.0	0.346704	Y
8	STD500 460-993368/10	500.0	169.493549	50.0	838521.0	0.338987	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

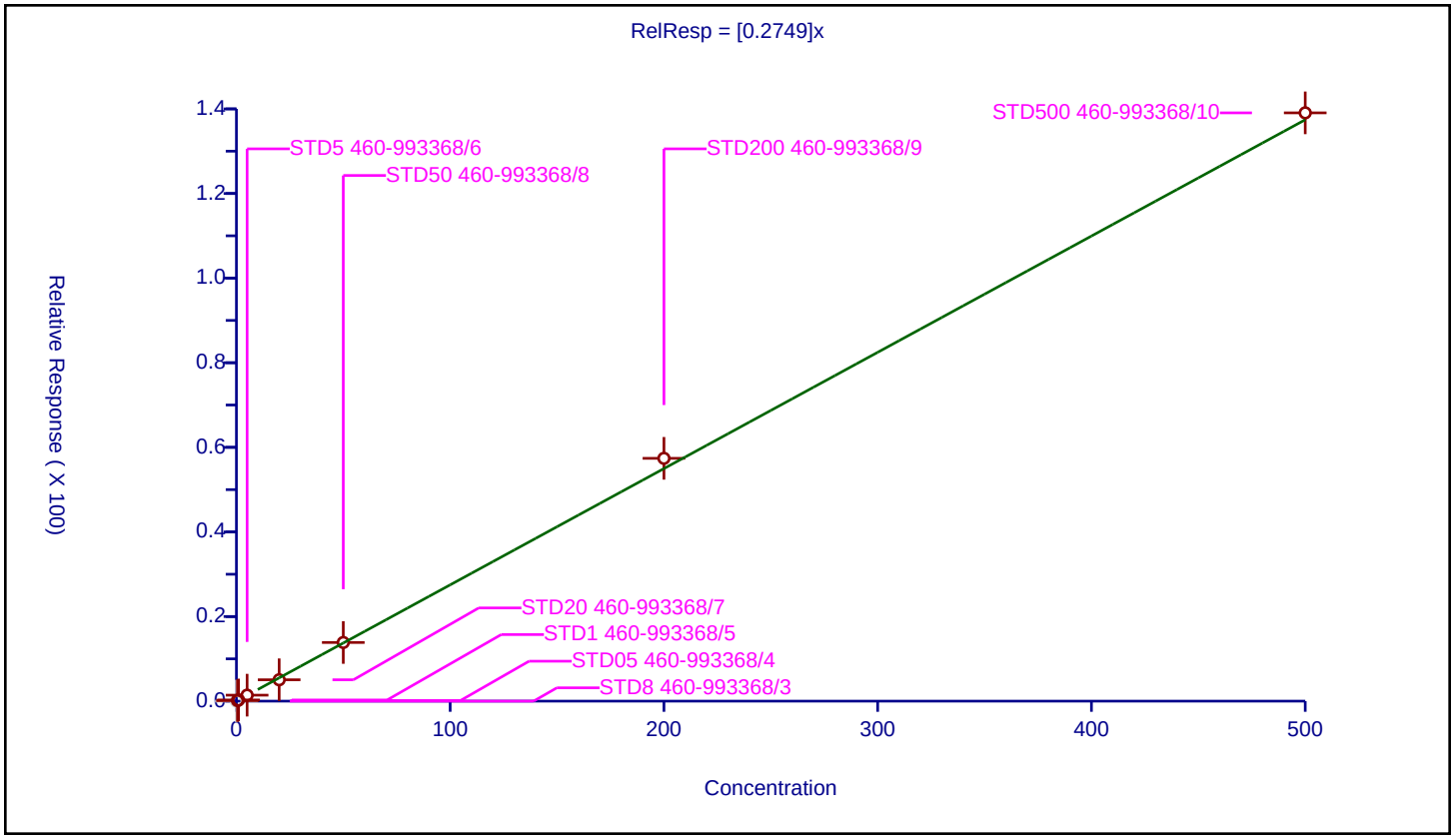
Curve Coefficients

Intercept:	0
Slope:	0.2749

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.137008	50.0	767841.0	0.274015	Y
3	STD1 460-993368/5	1.0	0.272775	50.0	736870.0	0.272775	Y
4	STD5 460-993368/6	5.0	1.410648	50.0	753377.0	0.28213	Y
5	STD20 460-993368/7	20.0	5.052054	50.0	750665.0	0.252603	Y
6	STD50 460-993368/8	50.0	13.86844	50.0	760583.0	0.277369	Y
7	STD200 460-993368/9	200.0	57.398301	50.0	788850.0	0.286992	Y
8	STD500 460-993368/10	500.0	139.063124	50.0	838521.0	0.278126	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

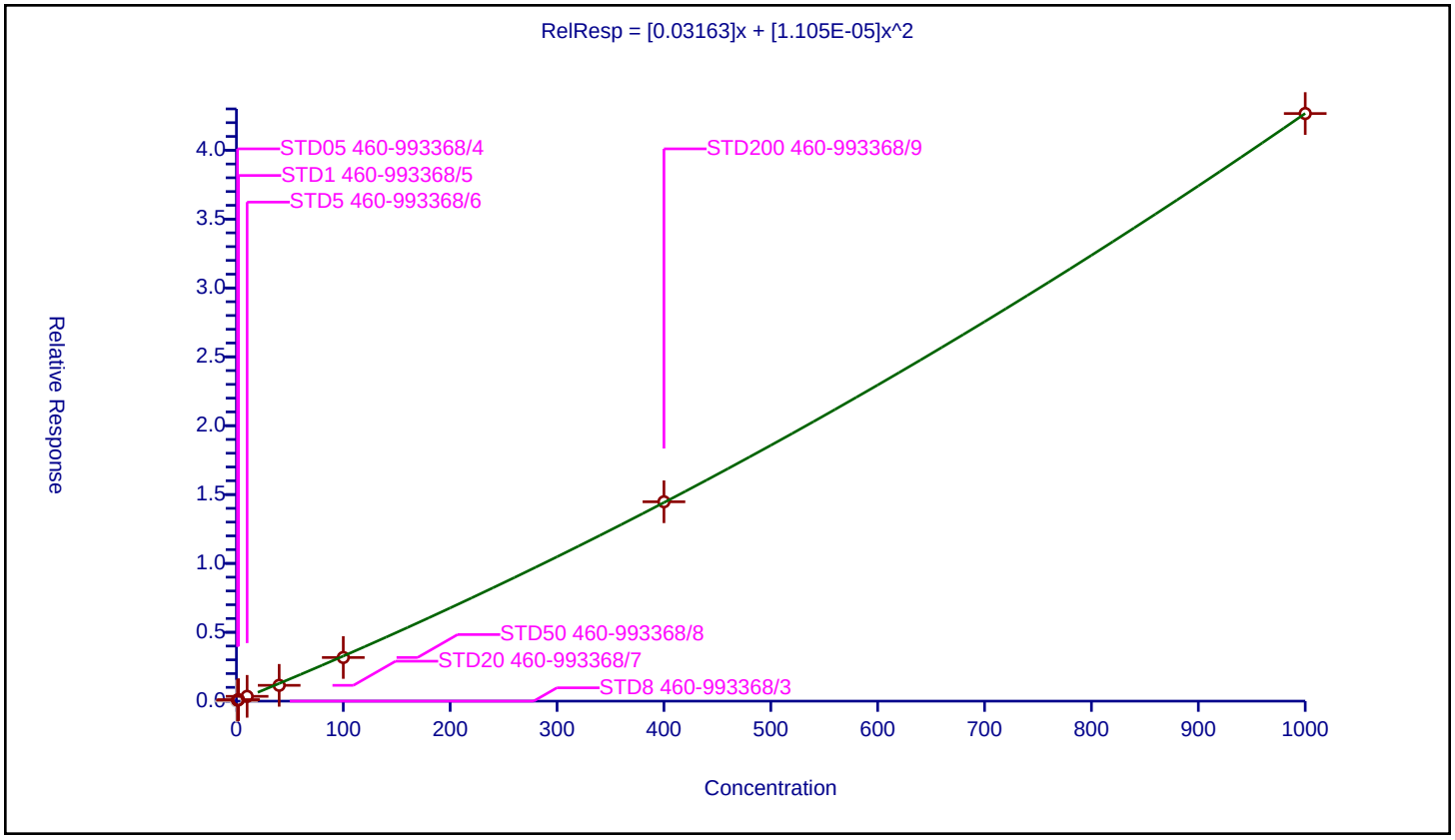
Curve Coefficients

Intercept:	0
Slope:	0.03163
Second Order:	1.105E-05

Error Coefficients

Relative Standard Deviation:	65.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.072606	50.0	767841.0	0.072606	Y
3	STD1 460-993368/5	2.0	0.10531	50.0	736870.0	0.052655	Y
4	STD5 460-993368/6	10.0	0.348232	50.0	753377.0	0.034823	Y
5	STD20 460-993368/7	40.0	1.148382	50.0	750665.0	0.02871	Y
6	STD50 460-993368/8	100.0	3.169214	50.0	760583.0	0.031692	Y
7	STD200 460-993368/9	400.0	14.476073	50.0	788850.0	0.03619	Y
8	STD500 460-993368/10	1000.0	42.662676	50.0	838521.0	0.042663	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

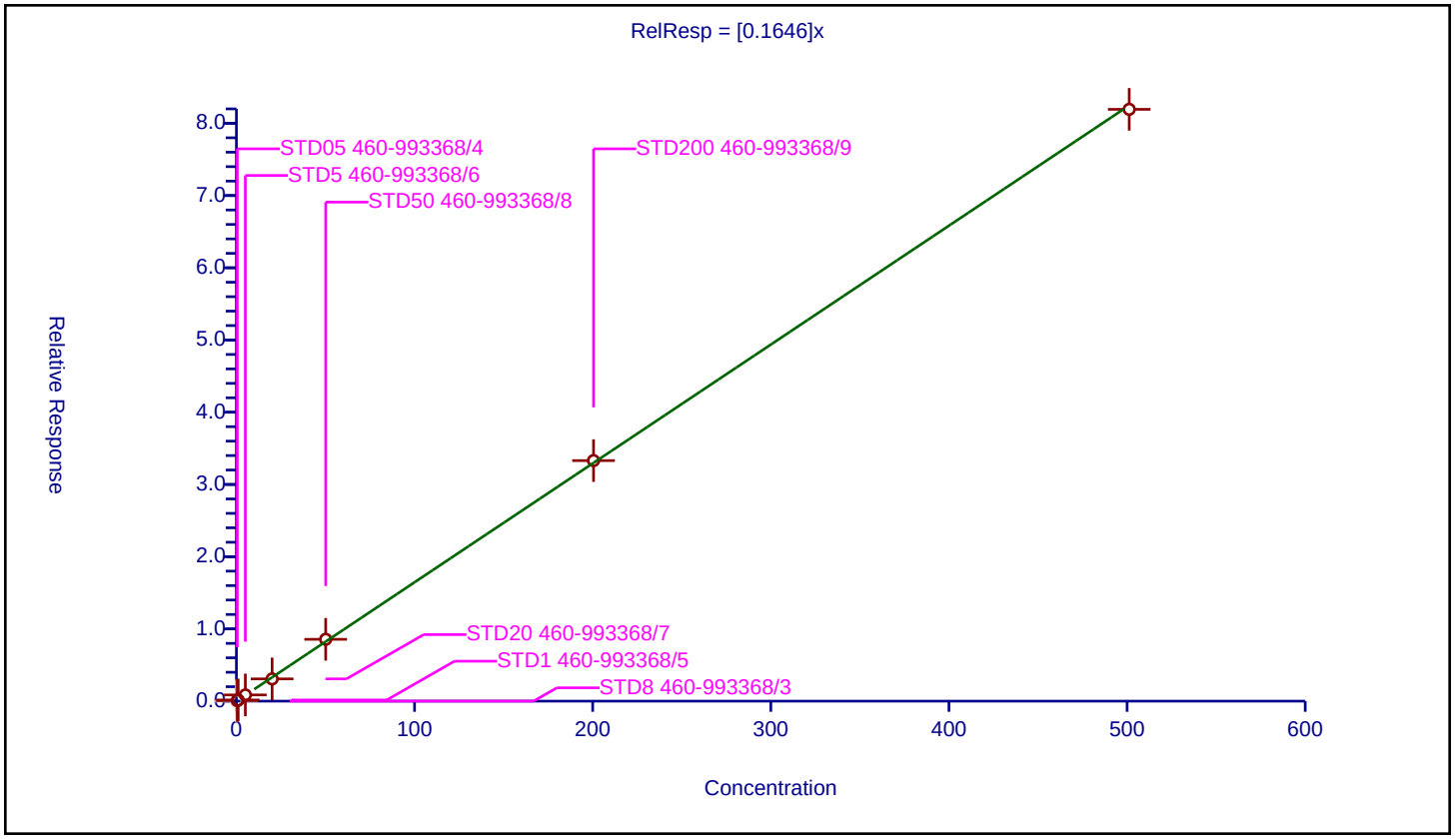
Curve Coefficients

Intercept:	0
Slope:	0.1646

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5012	0.082569	50.0	767841.0	0.164743	Y
3	STD1 460-993368/5	1.0024	0.162105	50.0	736870.0	0.161716	Y
4	STD5 460-993368/6	5.012	0.859264	50.0	753377.0	0.171441	Y
5	STD20 460-993368/7	20.048	3.079736	50.0	750665.0	0.153618	Y
6	STD50 460-993368/8	50.12	8.561459	50.0	760583.0	0.170819	Y
7	STD200 460-993368/9	200.48	33.305825	50.0	788850.0	0.16613	Y
8	STD500 460-993368/10	501.2	81.938377	50.0	838521.0	0.163484	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

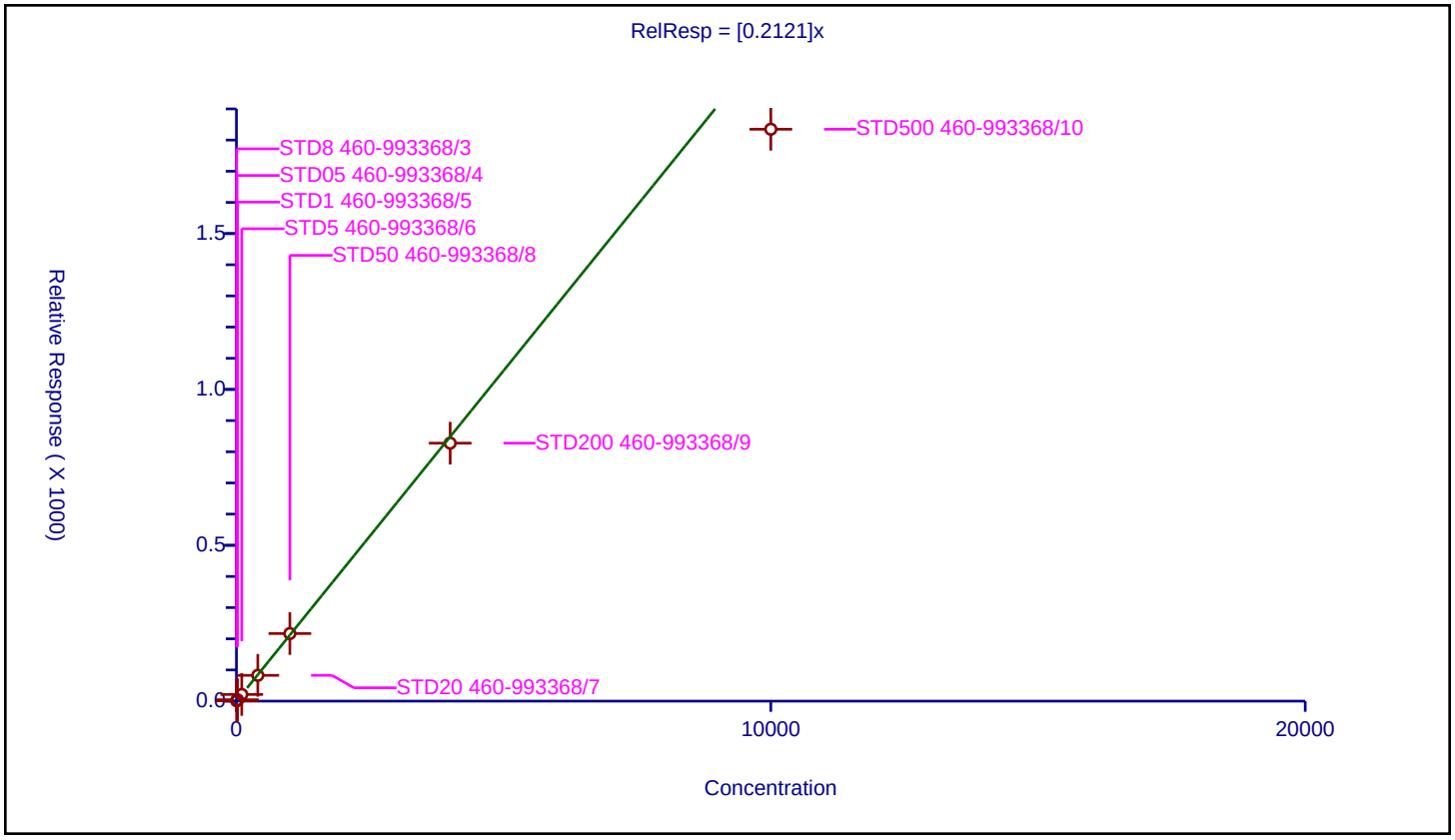
Curve Coefficients

Intercept:	0
Slope:	0.2121

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	5.000009	1.098436	250.0	419005.0	0.219687	Y
2	STD05 460-993368/4	10.000017	2.269877	250.0	395506.0	0.226987	Y
3	STD1 460-993368/5	20.000035	4.441459	250.0	398180.0	0.222073	Y
4	STD5 460-993368/6	100.000173	21.381361	250.0	406838.0	0.213813	Y
5	STD20 460-993368/7	400.000692	82.793073	250.0	409216.0	0.206982	Y
6	STD50 460-993368/8	1000.00173	216.848215	250.0	425965.0	0.216848	Y
7	STD200 460-993368/9	4000.00692	827.64621	250.0	444806.0	0.206911	Y
8	STD500 460-993368/10	10000.0173	1834.743331	250.0	496691.0	0.183474	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

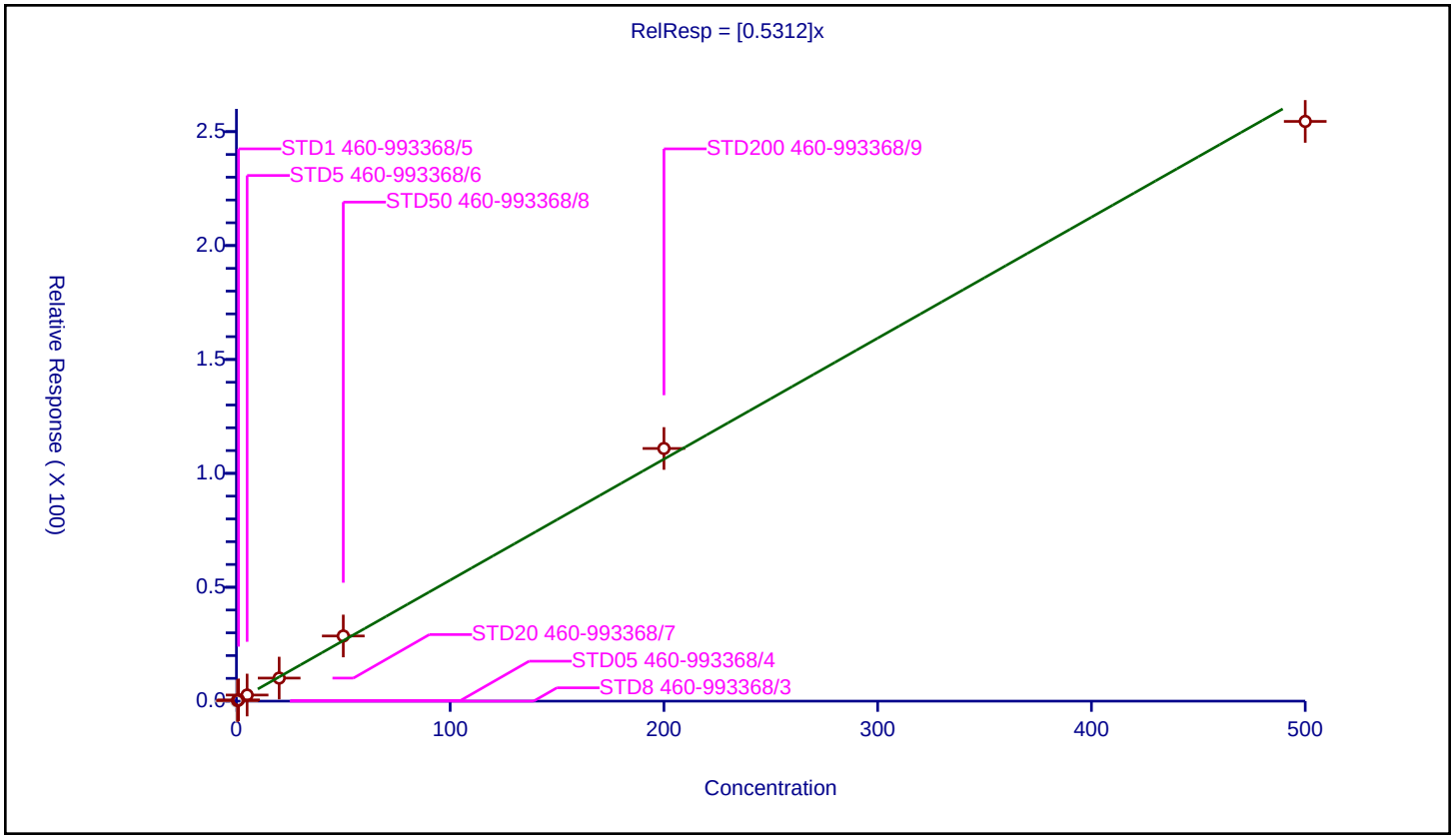
Curve Coefficients

Intercept:	0
Slope:	0.5312

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.248067	50.0	529898.0	0.496133	Y
3	STD1 460-993368/5	1.0	0.543838	50.0	522214.0	0.543838	Y
4	STD5 460-993368/6	5.0	2.681196	50.0	538603.0	0.536239	Y
5	STD20 460-993368/7	20.0	10.125566	50.0	533106.0	0.506278	Y
6	STD50 460-993368/8	50.0	28.603349	50.0	539727.0	0.572067	Y
7	STD200 460-993368/9	200.0	110.918795	50.0	572119.0	0.554594	Y
8	STD500 460-993368/10	500.0	254.503323	50.0	611293.0	0.509007	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

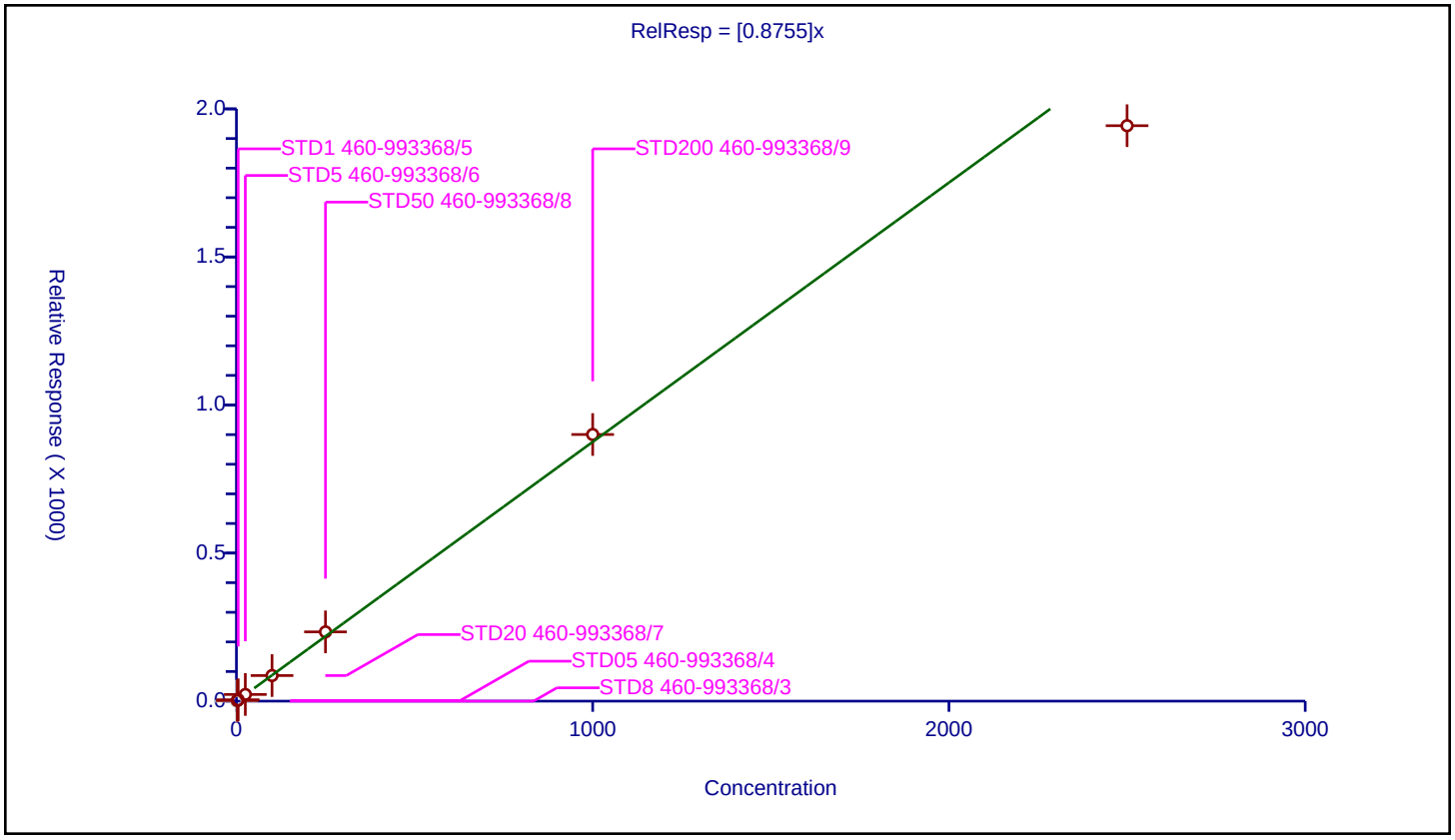
Curve Coefficients

Intercept:	0
Slope:	0.8755

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	2.055595	250.0	395506.0	0.822238	Y
3	STD1 460-993368/5	5.0	4.634839	250.0	398180.0	0.926968	Y
4	STD5 460-993368/6	25.0	22.5446	250.0	406838.0	0.901784	Y
5	STD20 460-993368/7	100.0	86.396915	250.0	409216.0	0.863969	Y
6	STD50 460-993368/8	250.0	233.873088	250.0	425965.0	0.935492	Y
7	STD200 460-993368/9	1000.0	900.43075	250.0	444806.0	0.900431	Y
8	STD500 460-993368/10	2500.0	1943.216708	250.0	496691.0	0.777287	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

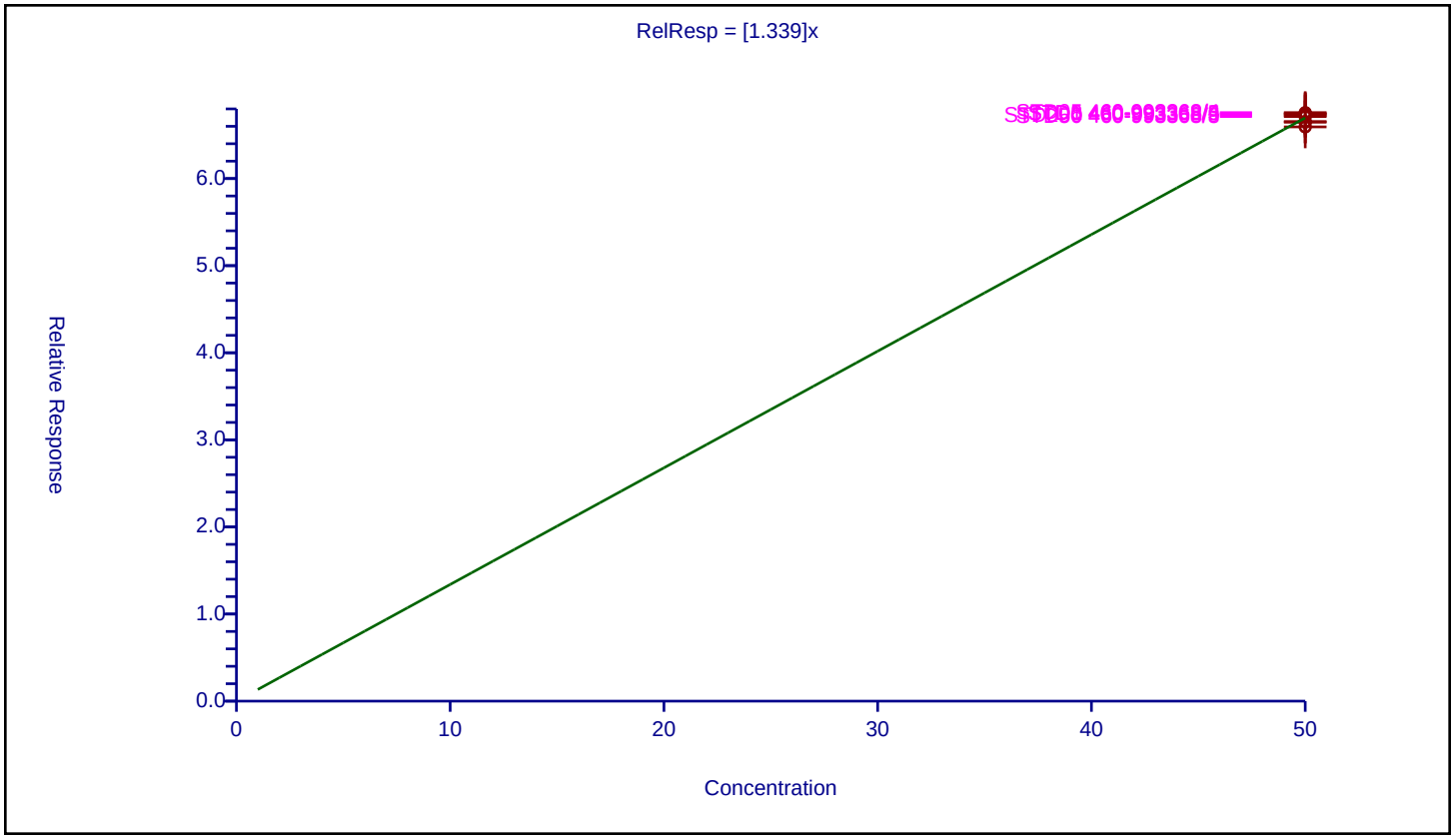
Curve Coefficients

Intercept:	0
Slope:	1.339

Error Coefficients

Relative Standard Deviation:	0.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	67.437362	50.0	565550.0	1.348747	Y
2	STD05 460-993368/4	50.0	67.570457	50.0	529898.0	1.351409	Y
3	STD1 460-993368/5	50.0	67.425615	50.0	522214.0	1.348512	Y
4	STD5 460-993368/6	50.0	65.934092	50.0	538603.0	1.318682	Y
5	STD20 460-993368/7	50.0	66.471959	50.0	533106.0	1.329439	Y
6	STD50 460-993368/8	50.0	67.12097	50.0	539727.0	1.342419	Y
7	STD200 460-993368/9	50.0	67.233565	50.0	572119.0	1.344671	Y
8	STD500 460-993368/10	50.0	66.546566	50.0	611293.0	1.330931	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

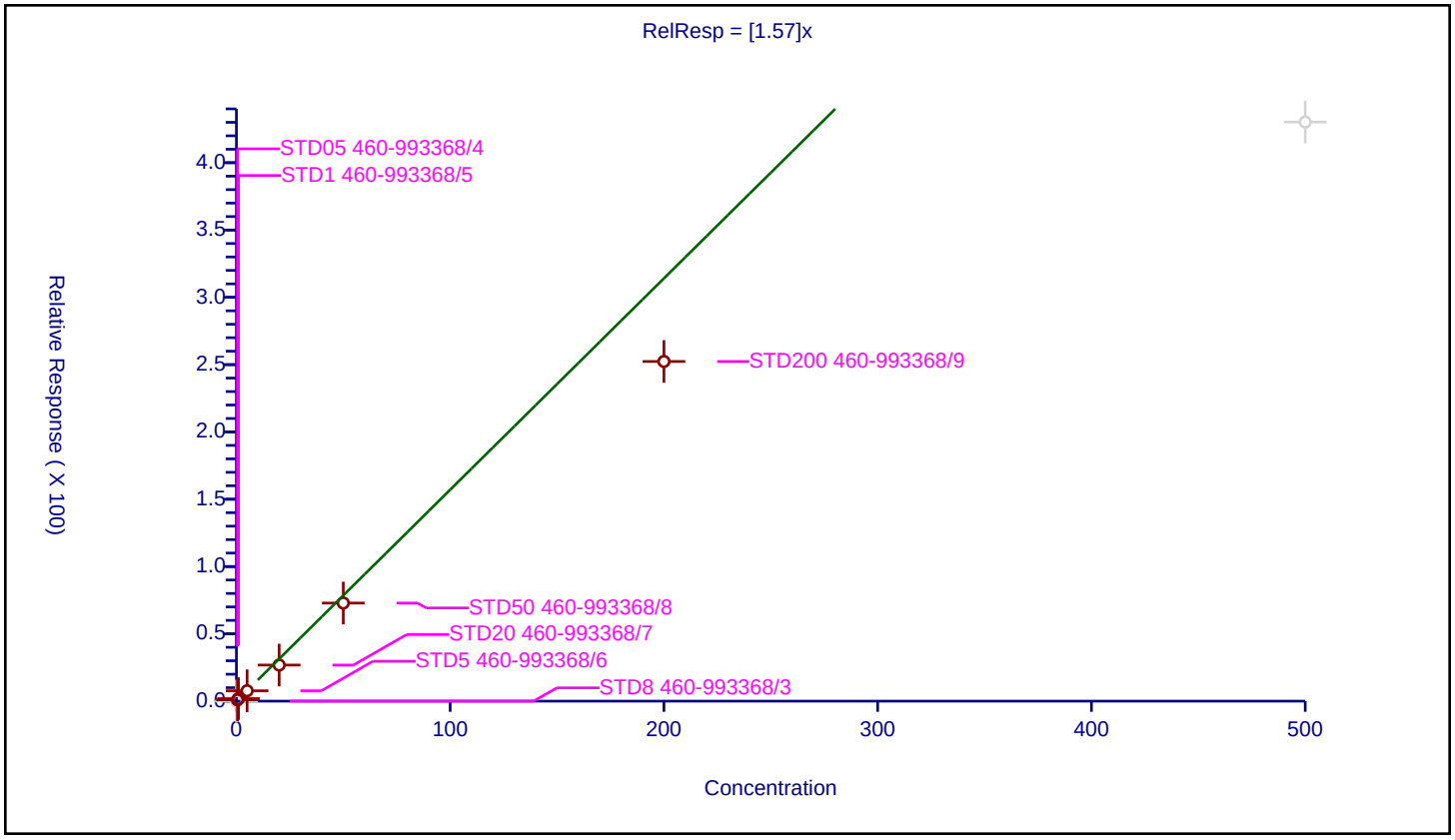
Curve Coefficients

Intercept:	0
Slope:	1.57

Error Coefficients

Relative Standard Deviation:	17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.967733	50.0	529898.0	1.935467	Y
3	STD1 460-993368/5	1.0	1.885434	50.0	522214.0	1.885434	Y
4	STD5 460-993368/6	5.0	7.707532	50.0	538603.0	1.541506	Y
5	STD20 460-993368/7	20.0	26.816337	50.0	533106.0	1.340817	Y
6	STD50 460-993368/8	50.0	72.890461	50.0	539727.0	1.457809	Y
7	STD200 460-993368/9	200.0	252.352832	50.0	572119.0	1.261764	Y
8	STD500 460-993368/10	500.0	430.222168	50.0	611293.0	0.860444	N



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

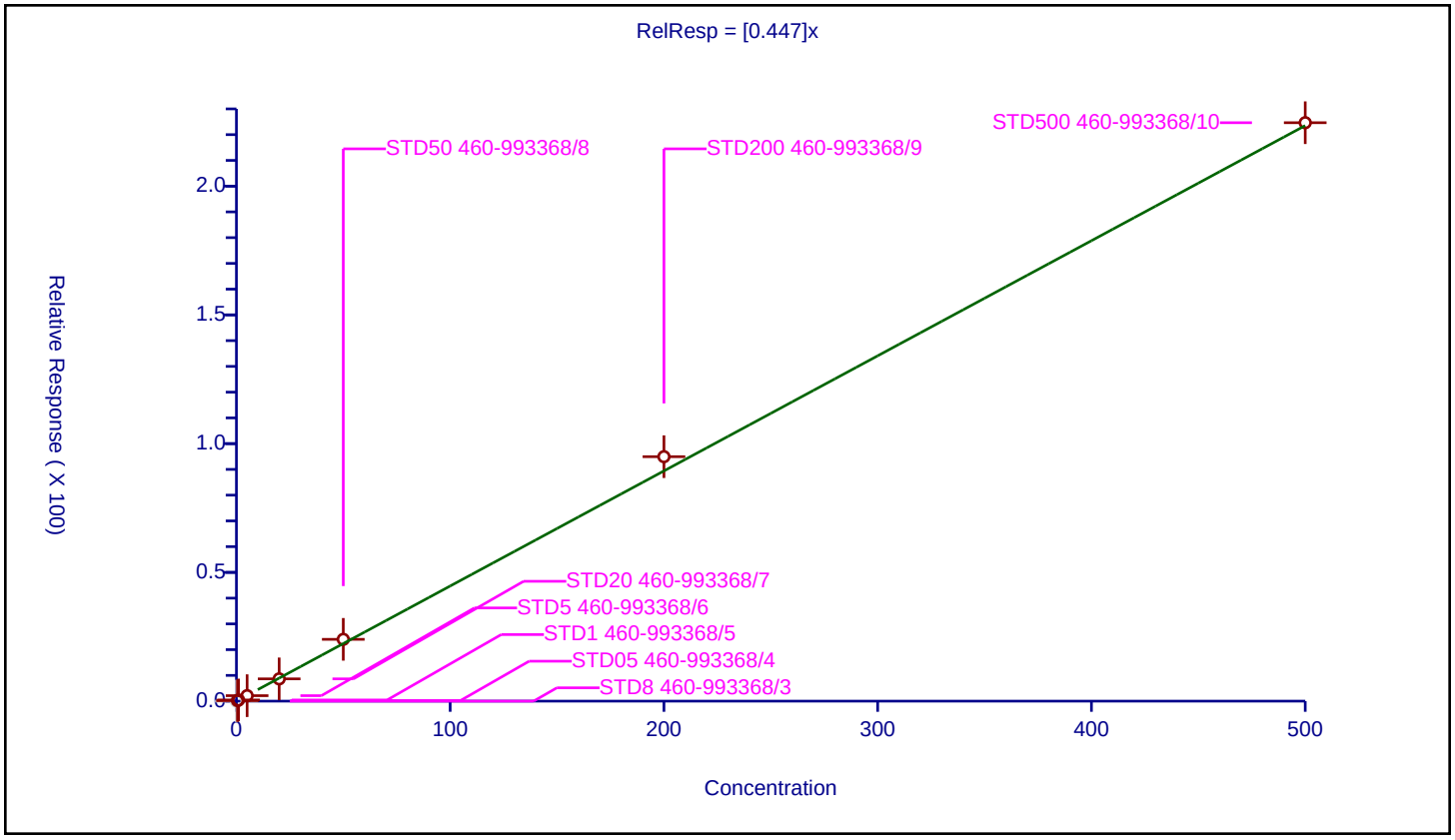
Curve Coefficients

Intercept:	0
Slope:	0.447

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.210795	50.0	529898.0	0.421591	Y
3	STD1 460-993368/5	1.0	0.445603	50.0	522214.0	0.445603	Y
4	STD5 460-993368/6	5.0	2.128005	50.0	538603.0	0.425601	Y
5	STD20 460-993368/7	20.0	8.649312	50.0	533106.0	0.432466	Y
6	STD50 460-993368/8	50.0	24.003802	50.0	539727.0	0.480076	Y
7	STD200 460-993368/9	200.0	94.933222	50.0	572119.0	0.474666	Y
8	STD500 460-993368/10	500.0	224.636385	50.0	611293.0	0.449273	Y



Calibration / Ethyl methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

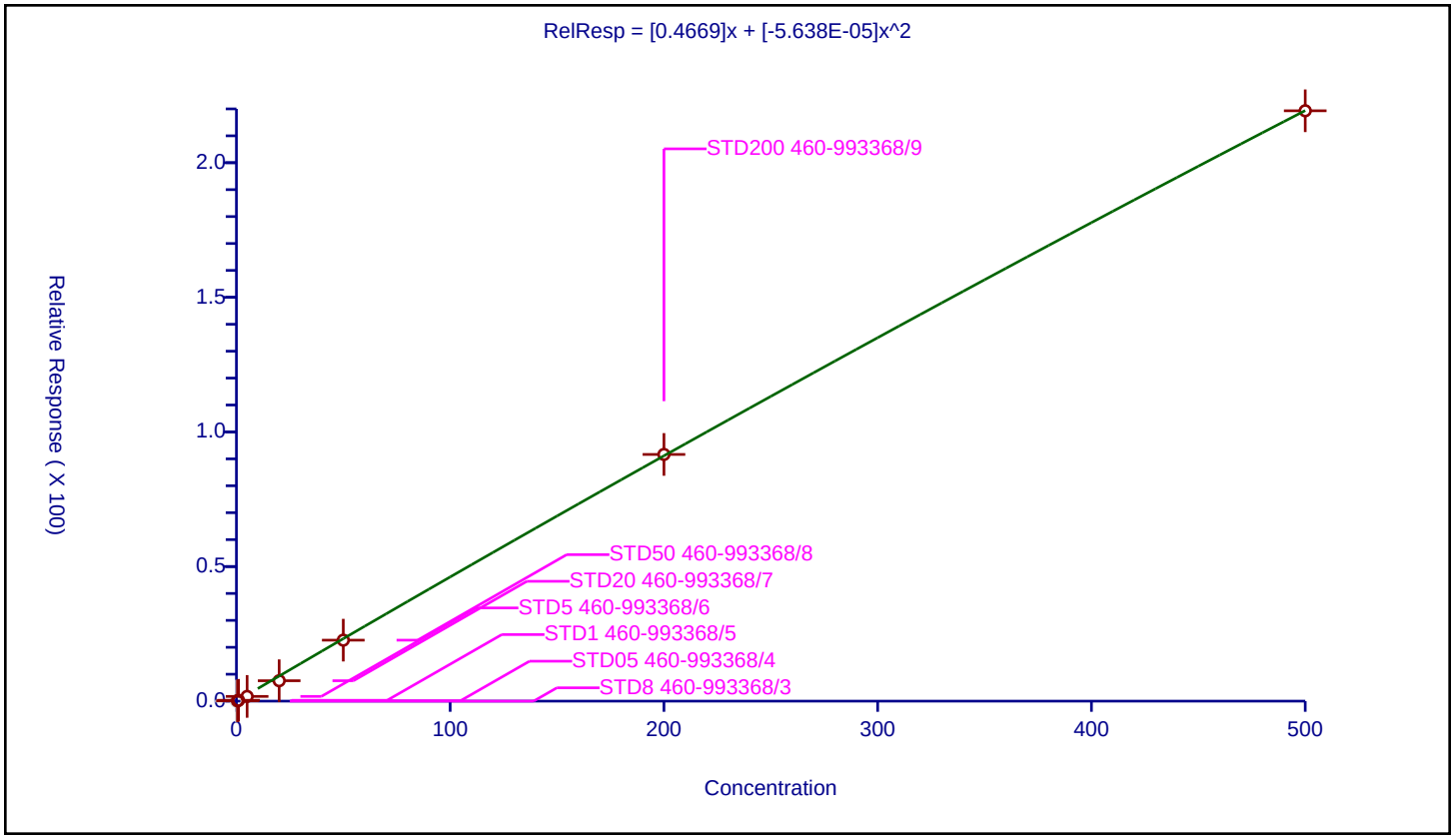
Curve Coefficients

Intercept:	0
Slope:	0.4669
Second Order:	-5.638E-05

Error Coefficients

Relative Standard Deviation:	29.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.120117	50.0	529898.0	0.240235	Y
3	STD1 460-993368/5	1.0	0.310505	50.0	522214.0	0.310505	Y
4	STD5 460-993368/6	5.0	1.752682	50.0	538603.0	0.350536	Y
5	STD20 460-993368/7	20.0	7.584514	50.0	533106.0	0.379226	Y
6	STD50 460-993368/8	50.0	22.650062	50.0	539727.0	0.453001	Y
7	STD200 460-993368/9	200.0	91.643609	50.0	572119.0	0.458218	Y
8	STD500 460-993368/10	500.0	219.301219	50.0	611293.0	0.438602	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

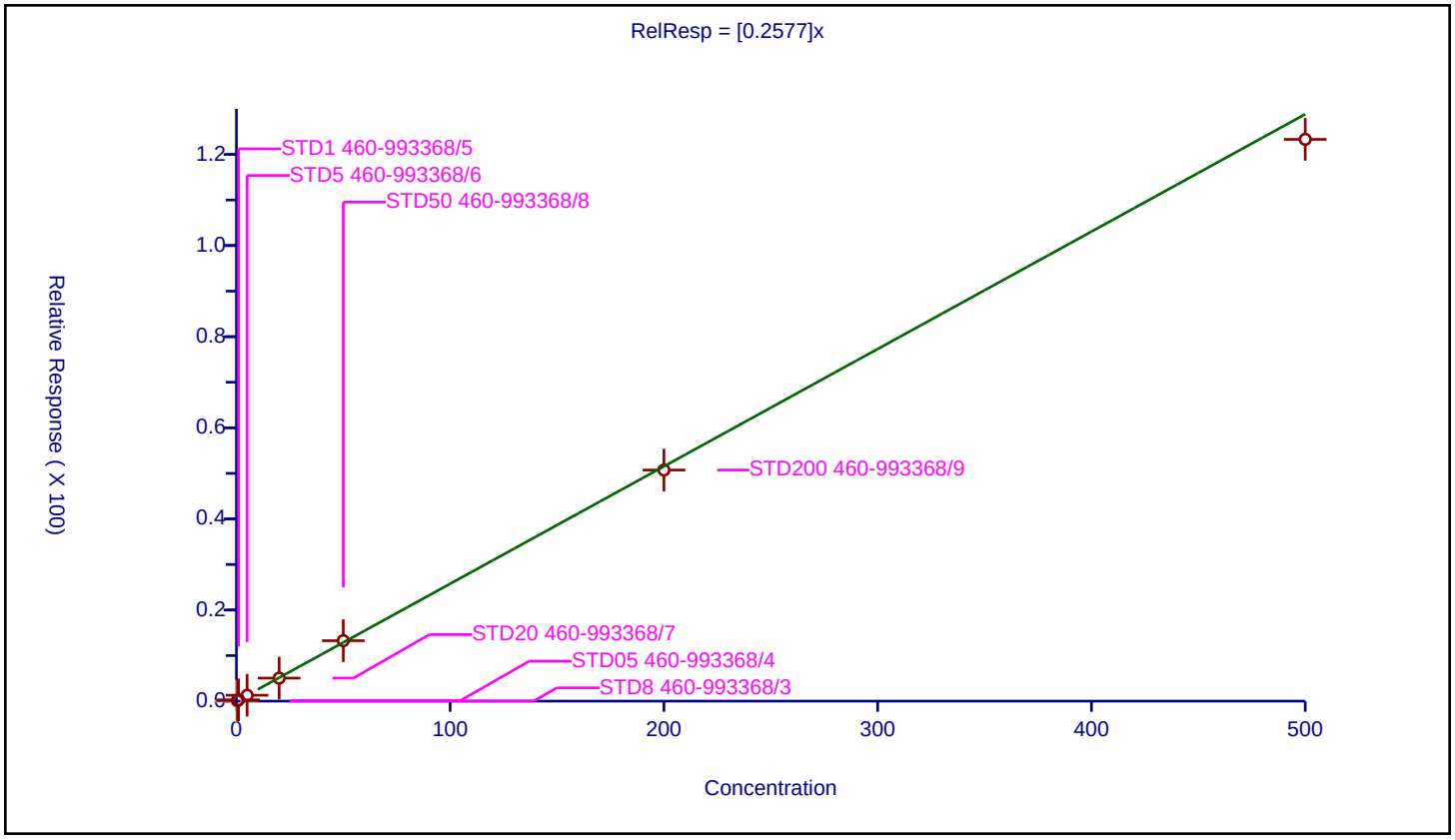
Curve Coefficients

Intercept:	0
Slope:	0.2577

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.117947	50.0	529898.0	0.235894	Y
3	STD1 460-993368/5	1.0	0.291164	50.0	522214.0	0.291164	Y
4	STD5 460-993368/6	5.0	1.291396	50.0	538603.0	0.258279	Y
5	STD20 460-993368/7	20.0	5.053592	50.0	533106.0	0.25268	Y
6	STD50 460-993368/8	50.0	13.268004	50.0	539727.0	0.26536	Y
7	STD200 460-993368/9	200.0	50.726684	50.0	572119.0	0.253633	Y
8	STD500 460-993368/10	500.0	123.312552	50.0	611293.0	0.246625	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

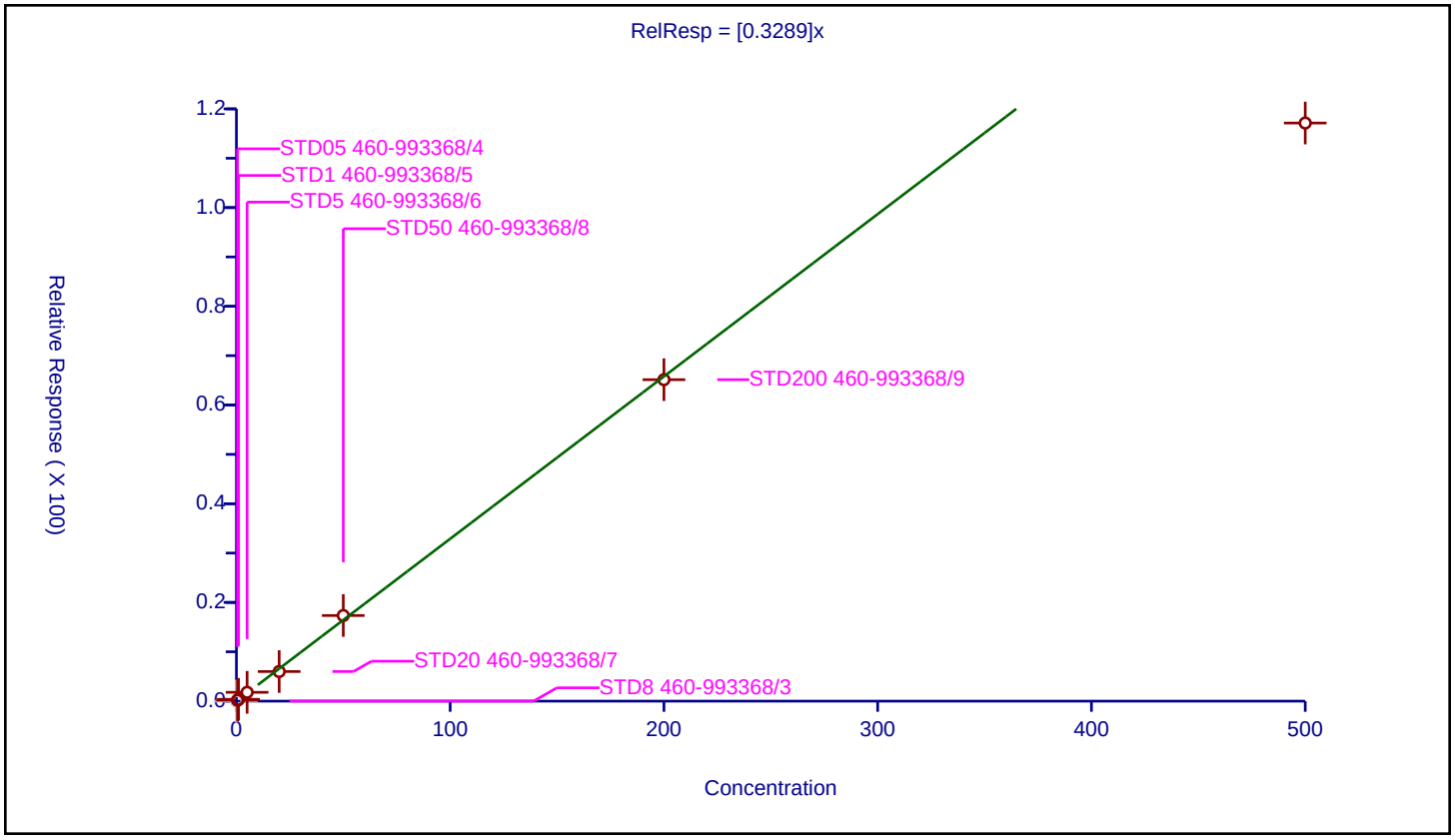
Curve Coefficients

Intercept:	0
Slope:	0.3289

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.184092	50.0	529898.0	0.368184	Y
3	STD1 460-993368/5	1.0	0.370059	50.0	522214.0	0.370059	Y
4	STD5 460-993368/6	5.0	1.787495	50.0	538603.0	0.357499	Y
5	STD20 460-993368/7	20.0	5.997119	50.0	533106.0	0.299856	Y
6	STD50 460-993368/8	50.0	17.346918	50.0	539727.0	0.346938	Y
7	STD200 460-993368/9	200.0	65.132079	50.0	572119.0	0.32566	Y
8	STD500 460-993368/10	500.0	117.131801	50.0	611293.0	0.234264	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

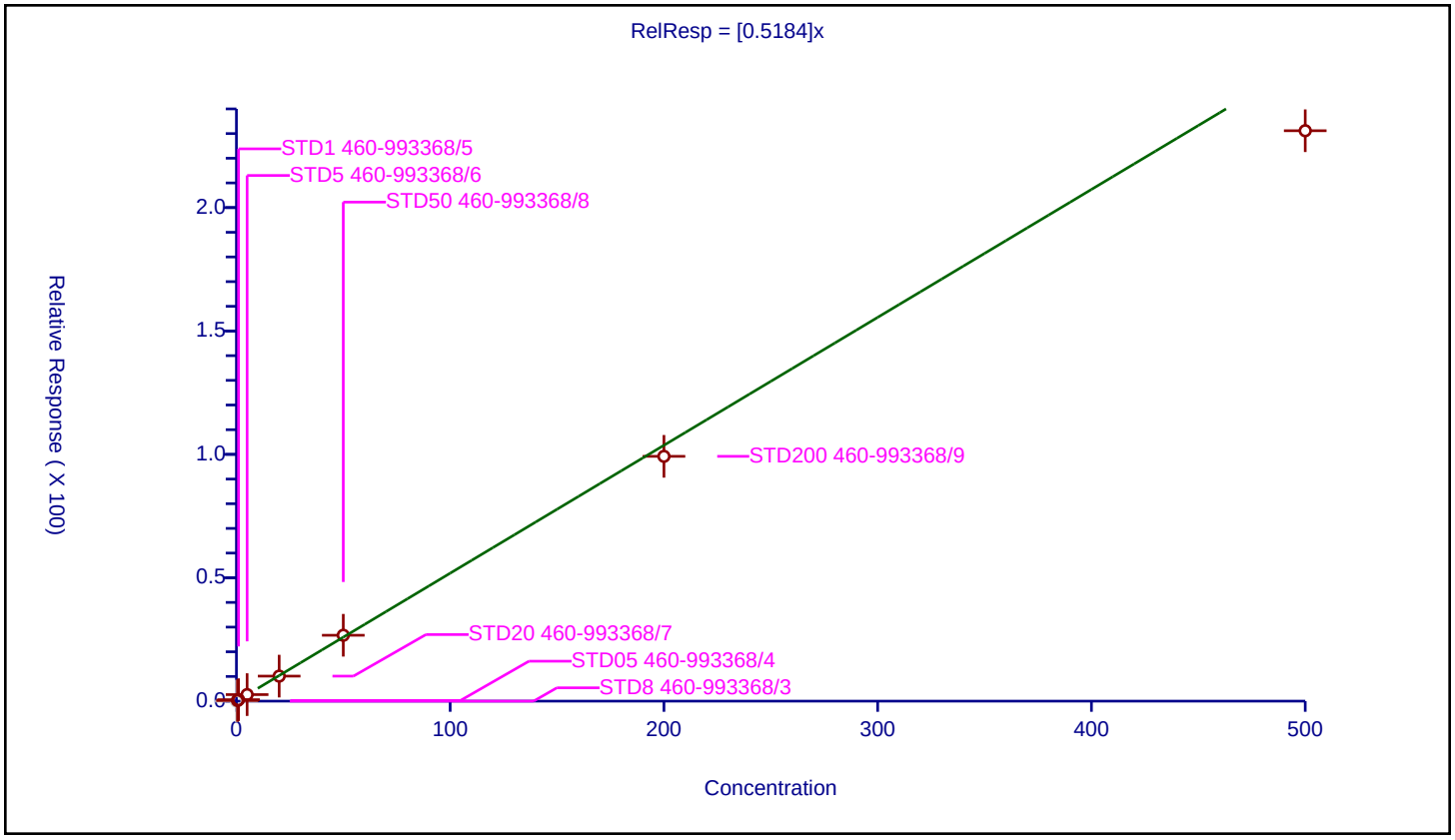
Curve Coefficients

Intercept:	0
Slope:	0.5184

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.257219	50.0	529898.0	0.514439	Y
3	STD1 460-993368/5	1.0	0.585488	50.0	522214.0	0.585488	Y
4	STD5 460-993368/6	5.0	2.648611	50.0	538603.0	0.529722	Y
5	STD20 460-993368/7	20.0	10.138228	50.0	533106.0	0.506911	Y
6	STD50 460-993368/8	50.0	26.692198	50.0	539727.0	0.533844	Y
7	STD200 460-993368/9	200.0	99.20742	50.0	572119.0	0.496037	Y
8	STD500 460-993368/10	500.0	231.154373	50.0	611293.0	0.462309	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

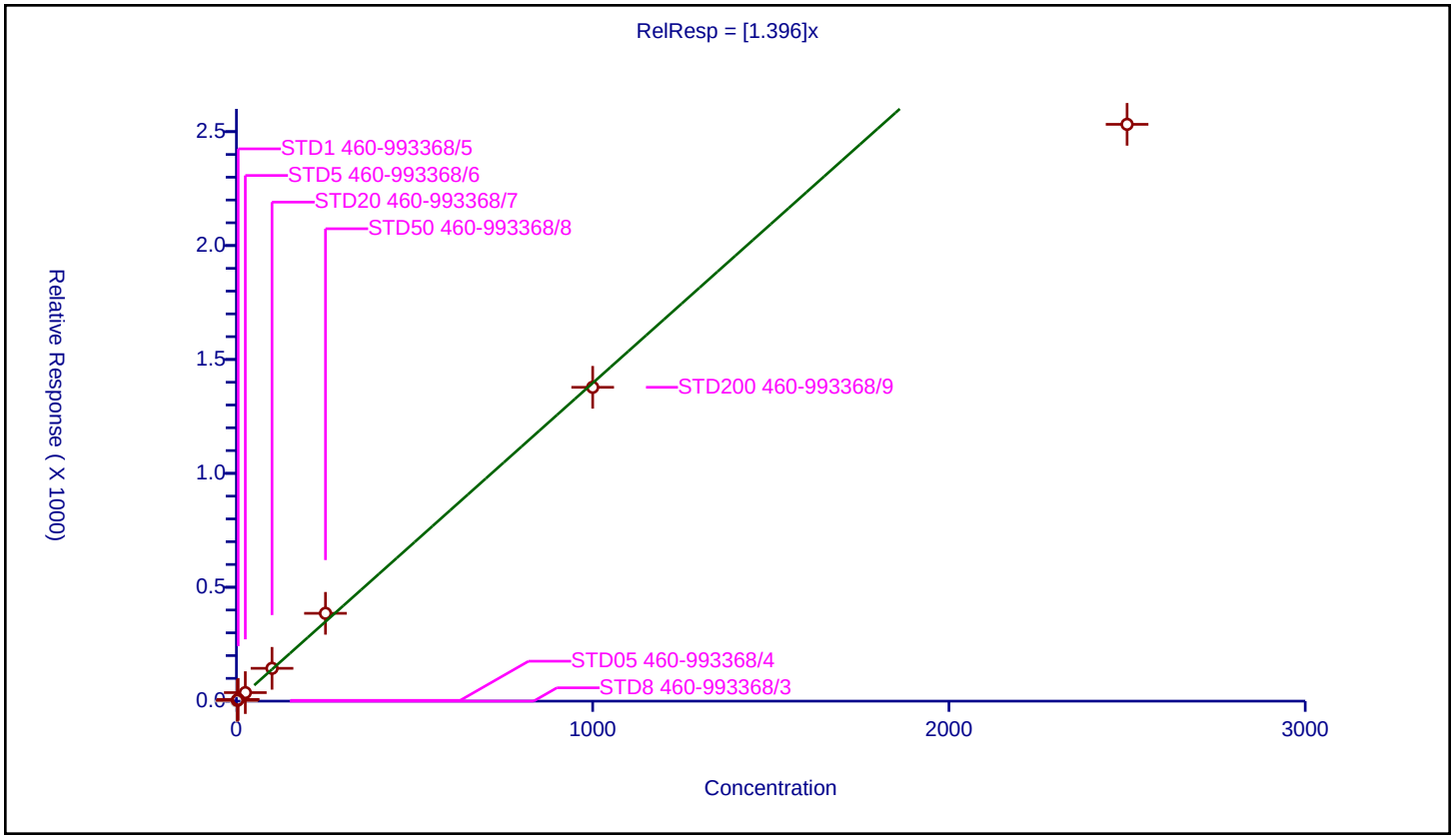
Curve Coefficients

Intercept:	0
Slope:	1.396

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	3.417774	250.0	395506.0	1.367109	Y
3	STD1 460-993368/5	5.0	7.668642	250.0	398180.0	1.533728	Y
4	STD5 460-993368/6	25.0	37.475605	250.0	406838.0	1.499024	Y
5	STD20 460-993368/7	100.0	144.112767	250.0	409216.0	1.441128	Y
6	STD50 460-993368/8	250.0	385.613255	250.0	425965.0	1.542453	Y
7	STD200 460-993368/9	1000.0	1377.829885	250.0	444806.0	1.37783	Y
8	STD500 460-993368/10	2500.0	2532.1699	250.0	496691.0	1.012868	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

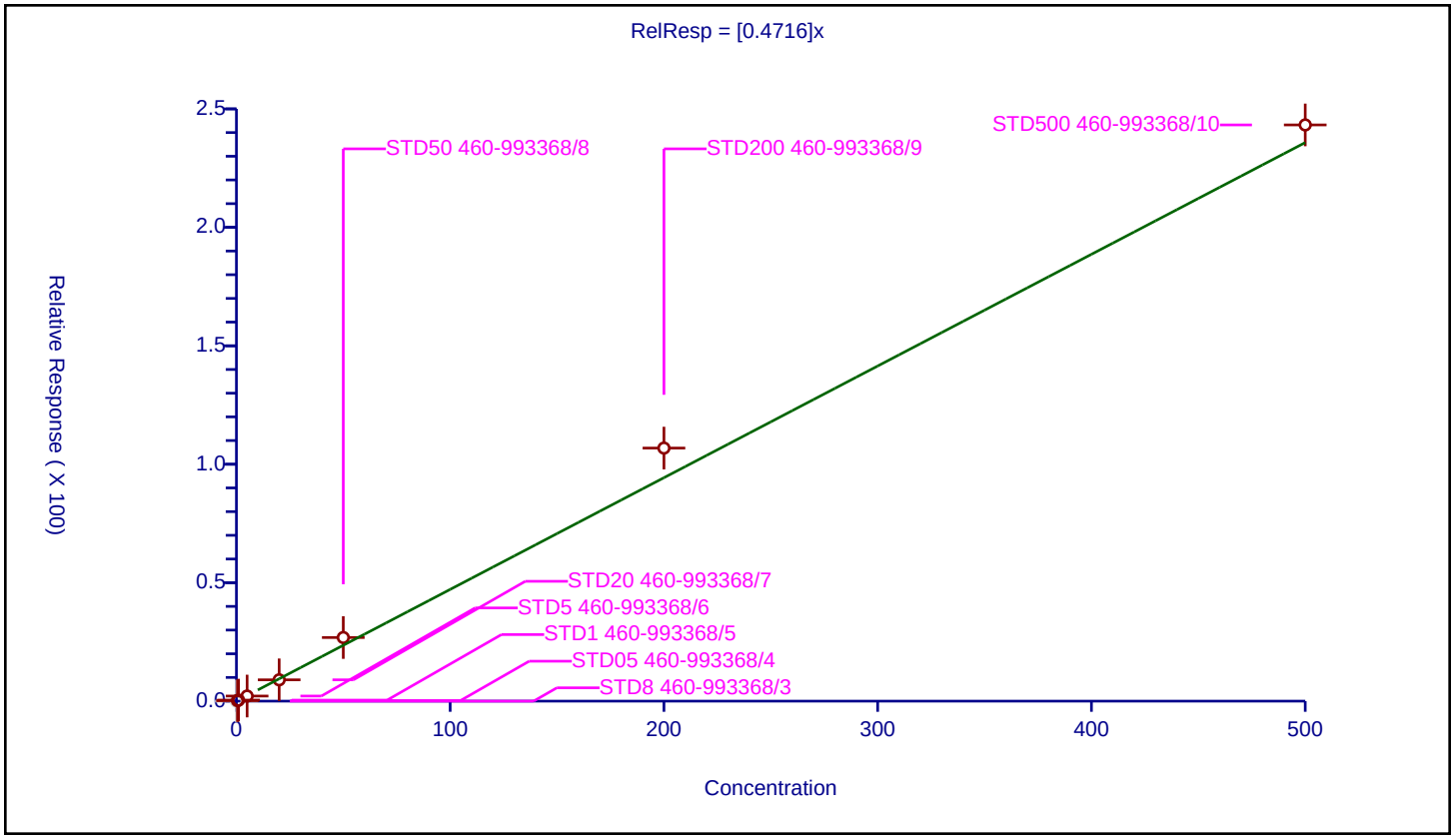
Curve Coefficients

Intercept:	0
Slope:	0.4716

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.215985	50.0	529898.0	0.43197	Y
3	STD1 460-993368/5	1.0	0.43172	50.0	522214.0	0.43172	Y
4	STD5 460-993368/6	5.0	2.147593	50.0	538603.0	0.429519	Y
5	STD20 460-993368/7	20.0	9.000274	50.0	533106.0	0.450014	Y
6	STD50 460-993368/8	50.0	26.854224	50.0	539727.0	0.537084	Y
7	STD200 460-993368/9	200.0	106.817987	50.0	572119.0	0.53409	Y
8	STD500 460-993368/10	500.0	243.228534	50.0	611293.0	0.486457	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

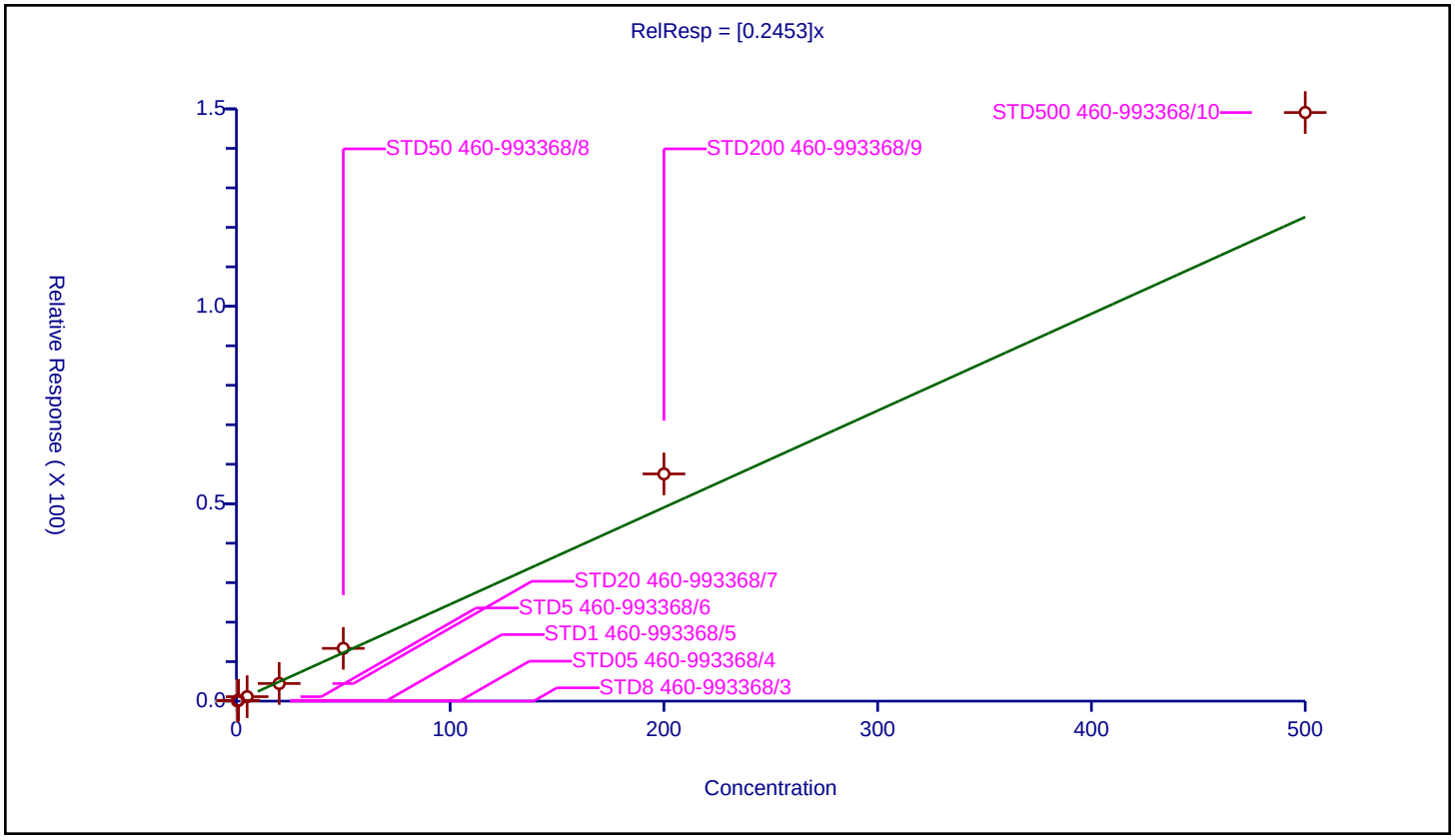
Curve Coefficients

Intercept:	0
Slope:	0.2453

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.102944	50.0	529898.0	0.205889	Y
3	STD1 460-993368/5	1.0	0.208822	50.0	522214.0	0.208822	Y
4	STD5 460-993368/6	5.0	1.128939	50.0	538603.0	0.225788	Y
5	STD20 460-993368/7	20.0	4.459995	50.0	533106.0	0.223	Y
6	STD50 460-993368/8	50.0	13.368888	50.0	539727.0	0.267378	Y
7	STD200 460-993368/9	200.0	57.549828	50.0	572119.0	0.287749	Y
8	STD500 460-993368/10	500.0	149.081128	50.0	611293.0	0.298162	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

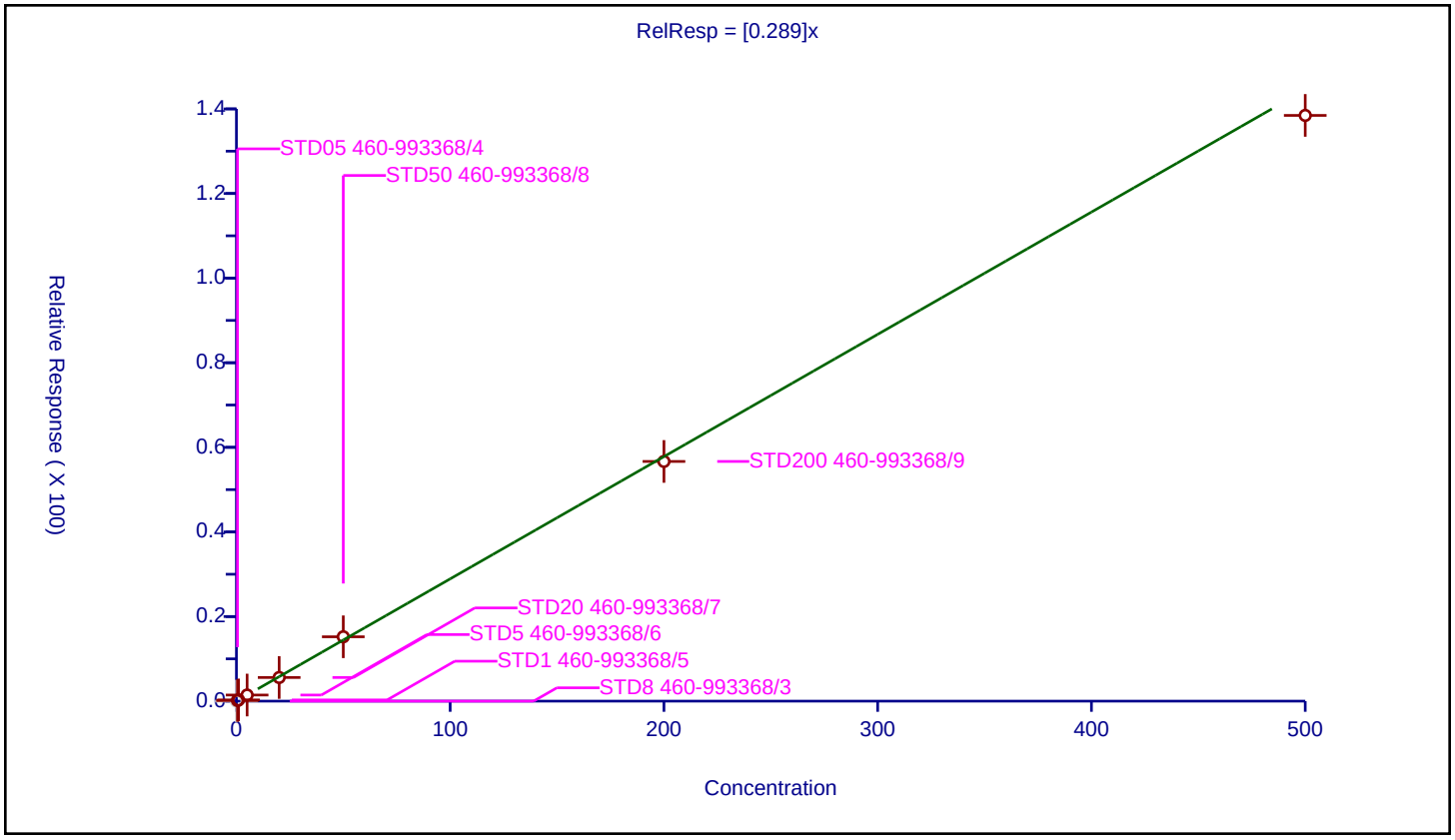
Curve Coefficients

Intercept:	0
Slope:	0.289

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.152954	50.0	529898.0	0.305908	Y
3	STD1 460-993368/5	1.0	0.284845	50.0	522214.0	0.284845	Y
4	STD5 460-993368/6	5.0	1.442343	50.0	538603.0	0.288469	Y
5	STD20 460-993368/7	20.0	5.588382	50.0	533106.0	0.279419	Y
6	STD50 460-993368/8	50.0	15.213803	50.0	539727.0	0.304276	Y
7	STD200 460-993368/9	200.0	56.659803	50.0	572119.0	0.283299	Y
8	STD500 460-993368/10	500.0	138.454718	50.0	611293.0	0.276909	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

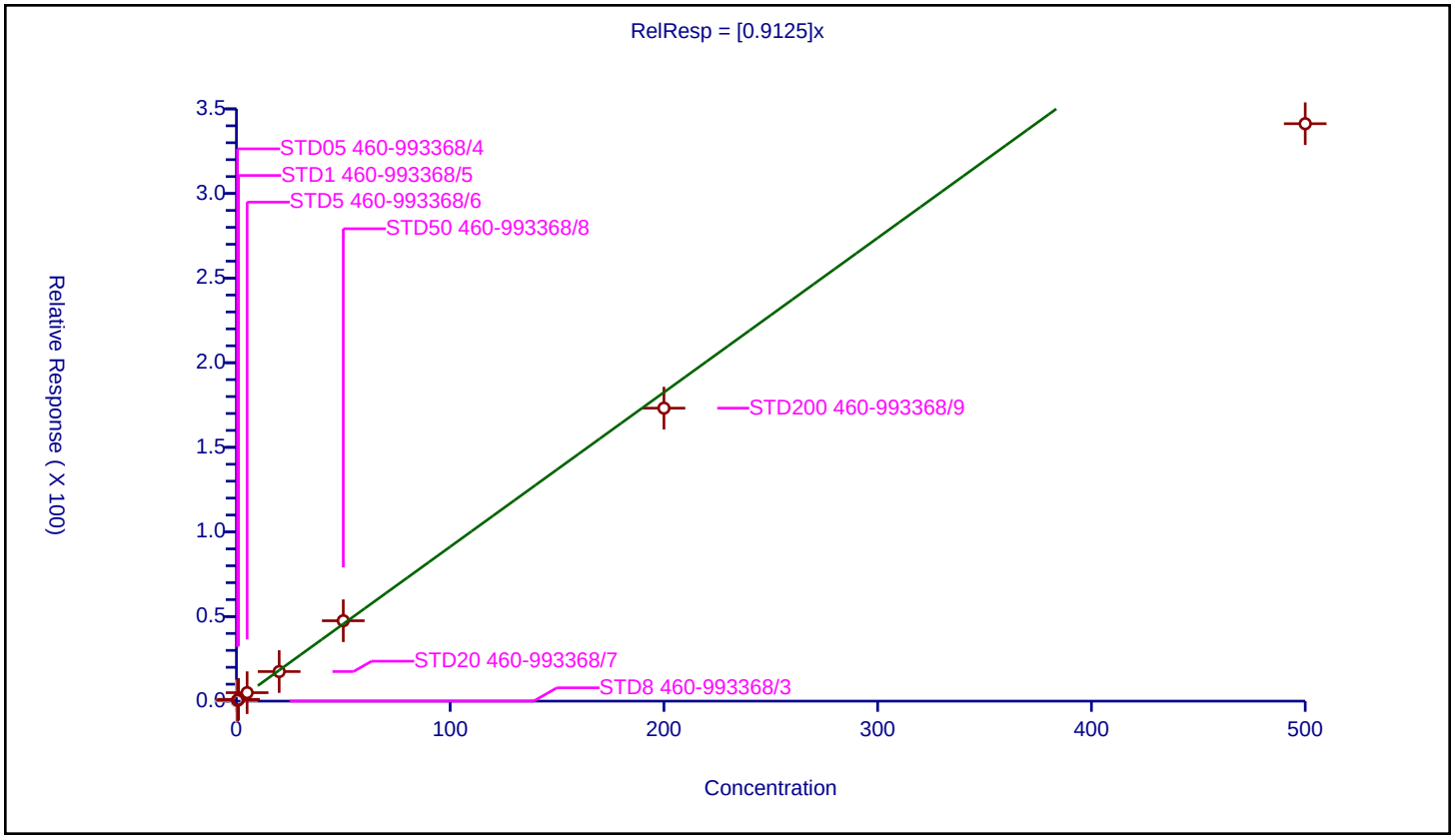
Curve Coefficients

Intercept:	0
Slope:	0.9125

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.476884	50.0	529898.0	0.953768	Y
3	STD1 460-993368/5	1.0	1.060485	50.0	522214.0	1.060485	Y
4	STD5 460-993368/6	5.0	5.004707	50.0	538603.0	1.000941	Y
5	STD20 460-993368/7	20.0	17.478513	50.0	533106.0	0.873926	Y
6	STD50 460-993368/8	50.0	47.512909	50.0	539727.0	0.950258	Y
7	STD200 460-993368/9	200.0	173.144486	50.0	572119.0	0.865722	Y
8	STD500 460-993368/10	500.0	341.24168	50.0	611293.0	0.682483	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

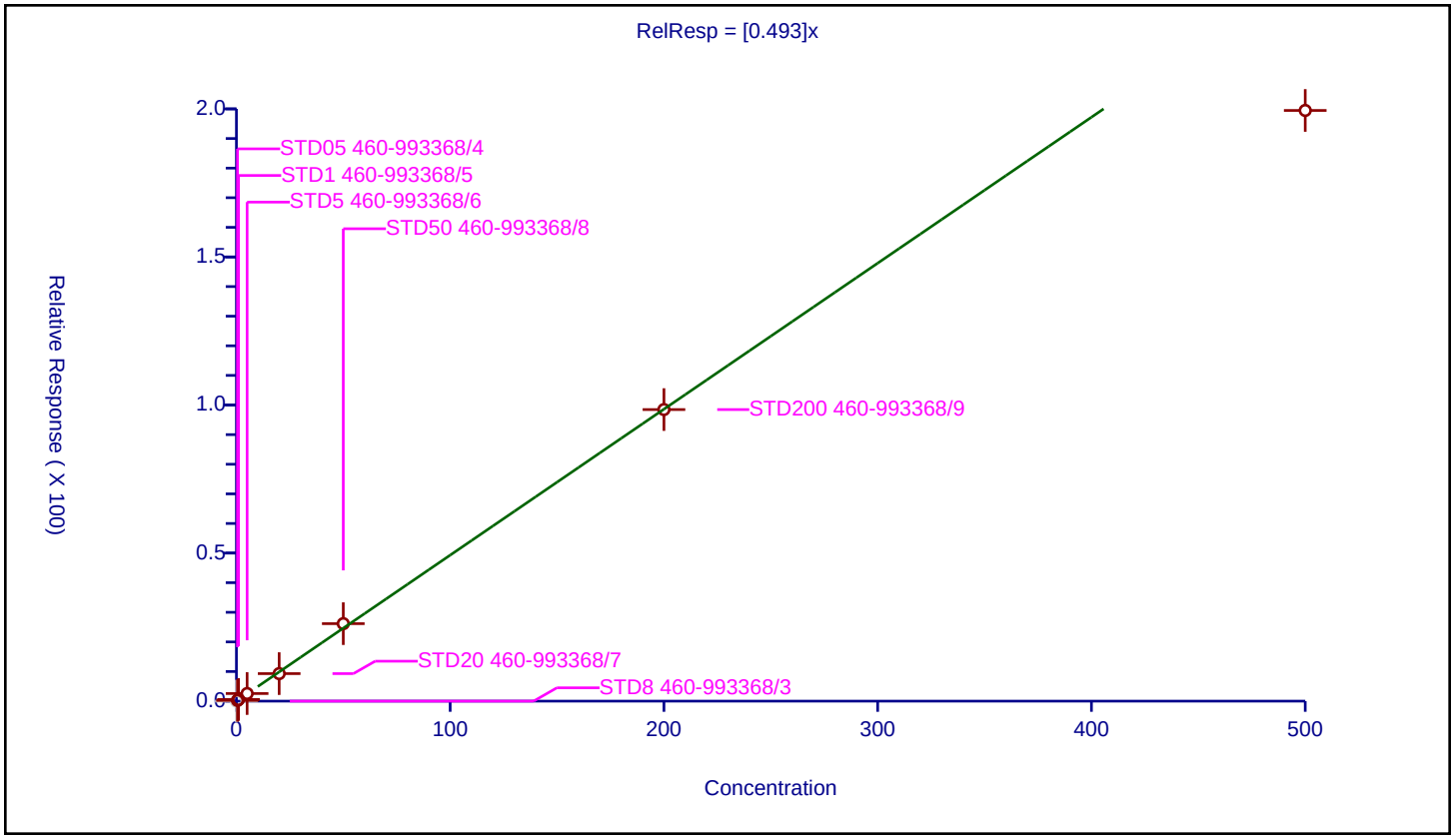
Curve Coefficients

Intercept:	0
Slope:	0.493

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.251275	50.0	529898.0	0.50255	Y
3	STD1 460-993368/5	1.0	0.555232	50.0	522214.0	0.555232	Y
4	STD5 460-993368/6	5.0	2.56794	50.0	538603.0	0.513588	Y
5	STD20 460-993368/7	20.0	9.299089	50.0	533106.0	0.464954	Y
6	STD50 460-993368/8	50.0	26.167674	50.0	539727.0	0.523353	Y
7	STD200 460-993368/9	200.0	98.459848	50.0	572119.0	0.492299	Y
8	STD500 460-993368/10	500.0	199.472103	50.0	611293.0	0.398944	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

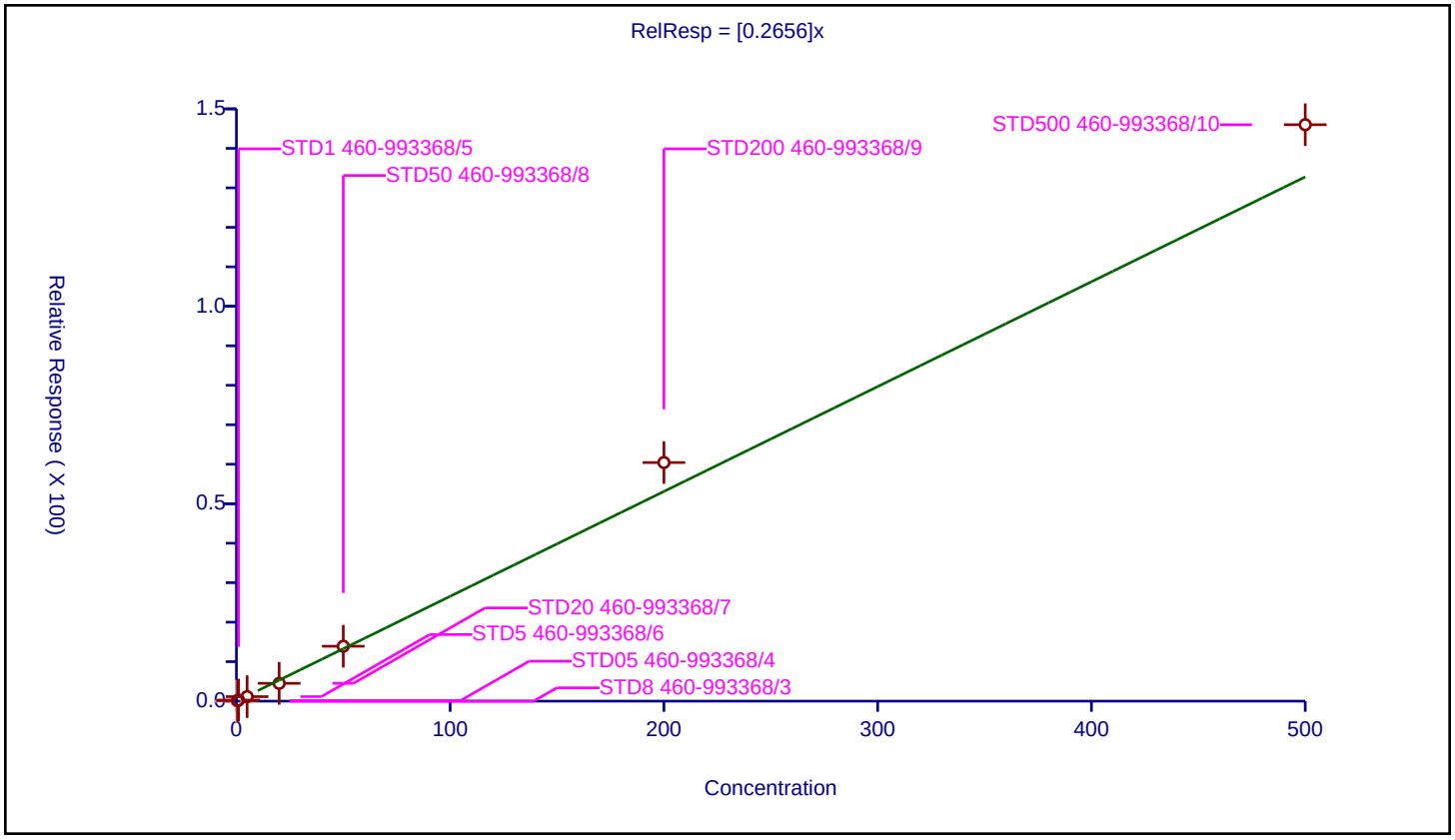
Curve Coefficients

Intercept:	0
Slope:	0.2656

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.131818	50.0	529898.0	0.263636	Y
3	STD1 460-993368/5	1.0	0.269526	50.0	522214.0	0.269526	Y
4	STD5 460-993368/6	5.0	1.140636	50.0	538603.0	0.228127	Y
5	STD20 460-993368/7	20.0	4.507077	50.0	533106.0	0.225354	Y
6	STD50 460-993368/8	50.0	13.905641	50.0	539727.0	0.278113	Y
7	STD200 460-993368/9	200.0	60.429998	50.0	572119.0	0.30215	Y
8	STD500 460-993368/10	500.0	145.990303	50.0	611293.0	0.291981	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

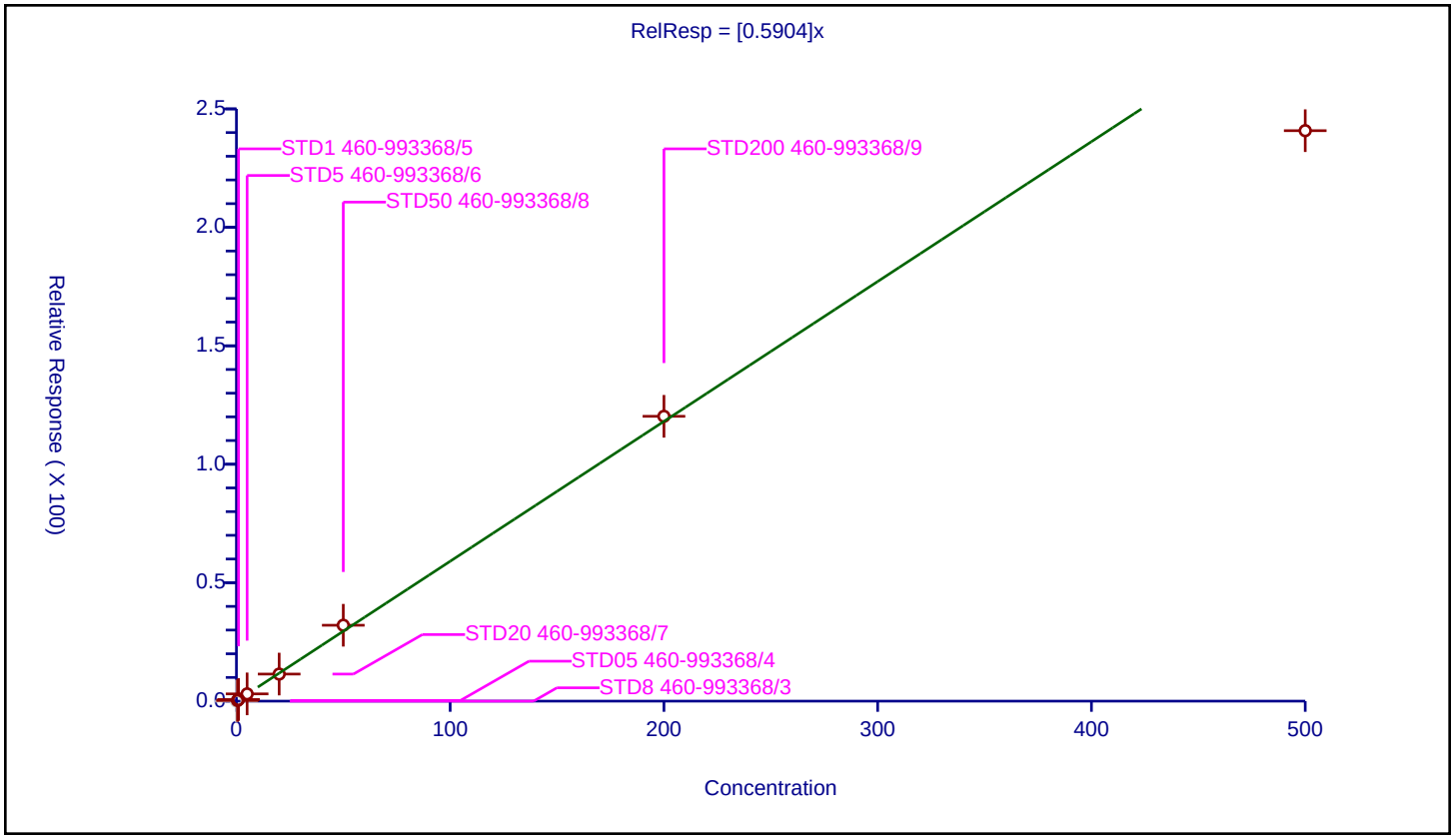
Curve Coefficients

Intercept:	0
Slope:	0.5904

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.272505	50.0	529898.0	0.545011	Y
3	STD1 460-993368/5	1.0	0.680372	50.0	522214.0	0.680372	Y
4	STD5 460-993368/6	5.0	3.065338	50.0	538603.0	0.613068	Y
5	STD20 460-993368/7	20.0	11.424276	50.0	533106.0	0.571214	Y
6	STD50 460-993368/8	50.0	32.033046	50.0	539727.0	0.640661	Y
7	STD200 460-993368/9	200.0	120.230232	50.0	572119.0	0.601151	Y
8	STD500 460-993368/10	500.0	240.806373	50.0	611293.0	0.481613	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

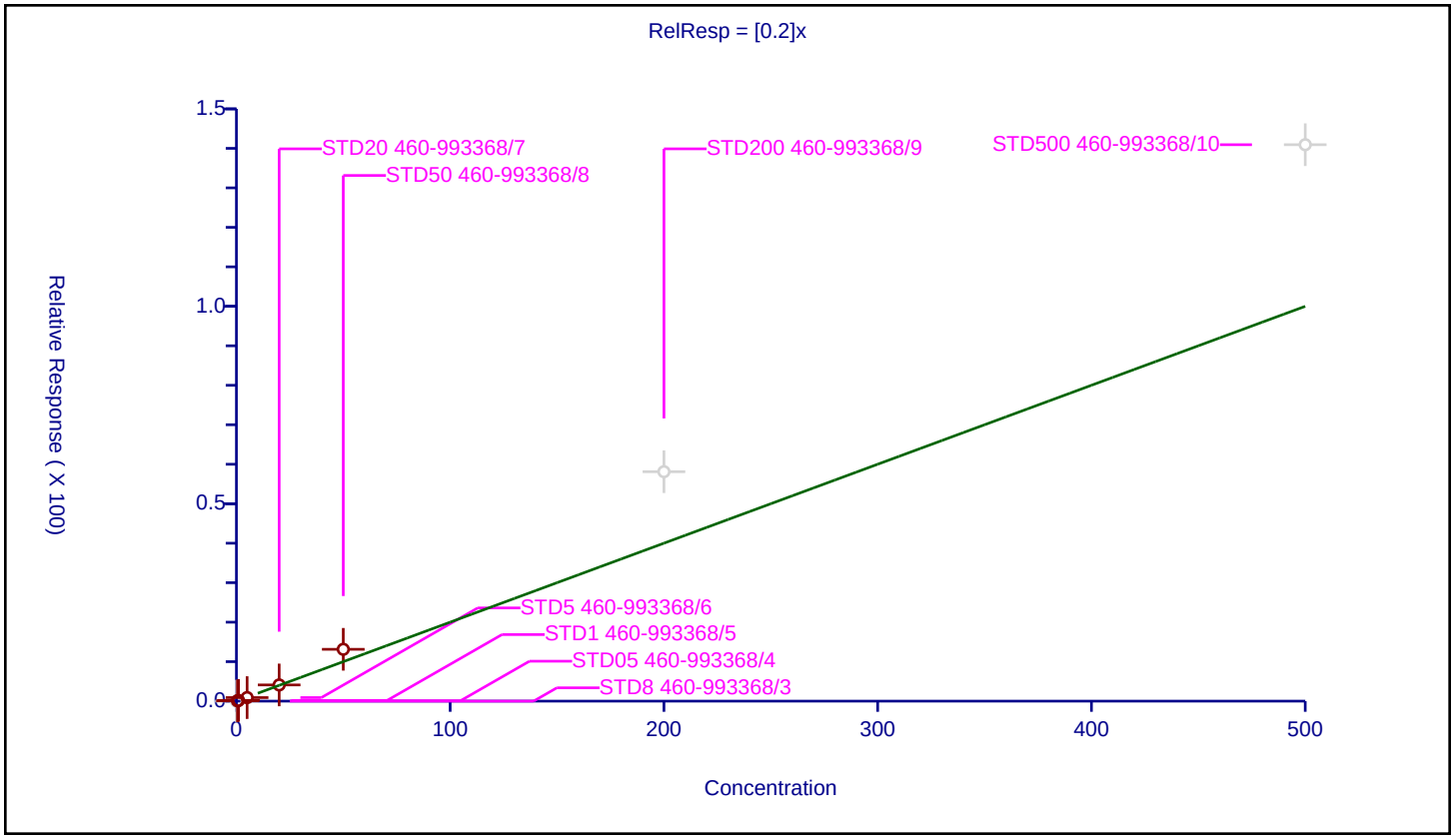
Curve Coefficients

Intercept:	0
Slope:	0.2

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.084261	50.0	529898.0	0.168523	Y
3	STD1 460-993368/5	1.0	0.183737	50.0	522214.0	0.183737	Y
4	STD5 460-993368/6	5.0	0.899271	50.0	538603.0	0.179854	Y
5	STD20 460-993368/7	20.0	4.104531	50.0	533106.0	0.205227	Y
6	STD50 460-993368/8	50.0	13.131731	50.0	539727.0	0.262635	Y
7	STD200 460-993368/9	200.0	58.112036	50.0	572119.0	0.29056	N
8	STD500 460-993368/10	500.0	140.927673	50.0	611293.0	0.281855	N



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

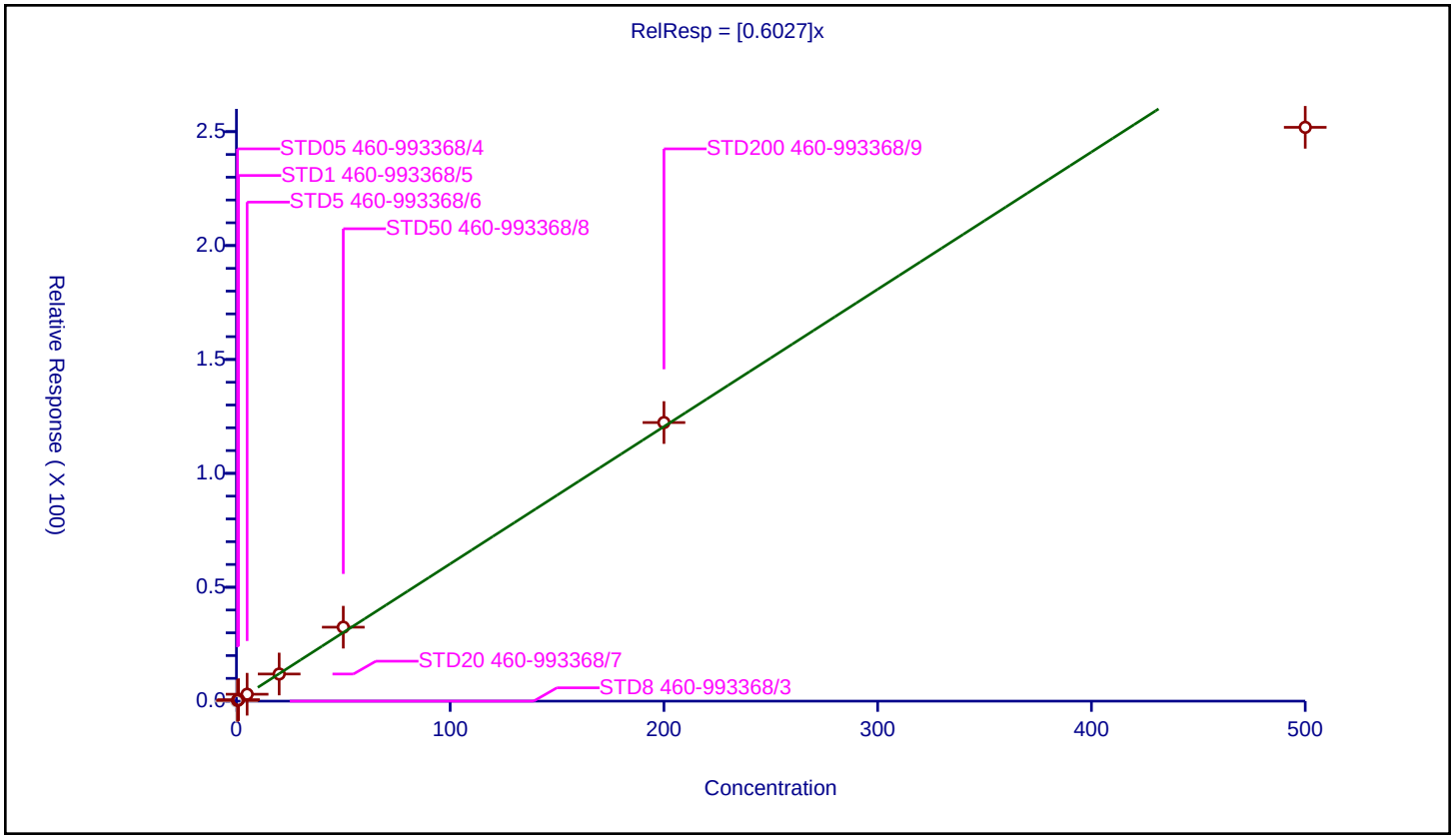
Curve Coefficients

Intercept:	0
Slope:	0.6027

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.30553	50.0	529898.0	0.611061	Y
3	STD1 460-993368/5	1.0	0.640255	50.0	522214.0	0.640255	Y
4	STD5 460-993368/6	5.0	3.036281	50.0	538603.0	0.607256	Y
5	STD20 460-993368/7	20.0	11.91114	50.0	533106.0	0.595557	Y
6	STD50 460-993368/8	50.0	32.463912	50.0	539727.0	0.649278	Y
7	STD200 460-993368/9	200.0	122.304713	50.0	572119.0	0.611524	Y
8	STD500 460-993368/10	500.0	251.903833	50.0	611293.0	0.503808	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

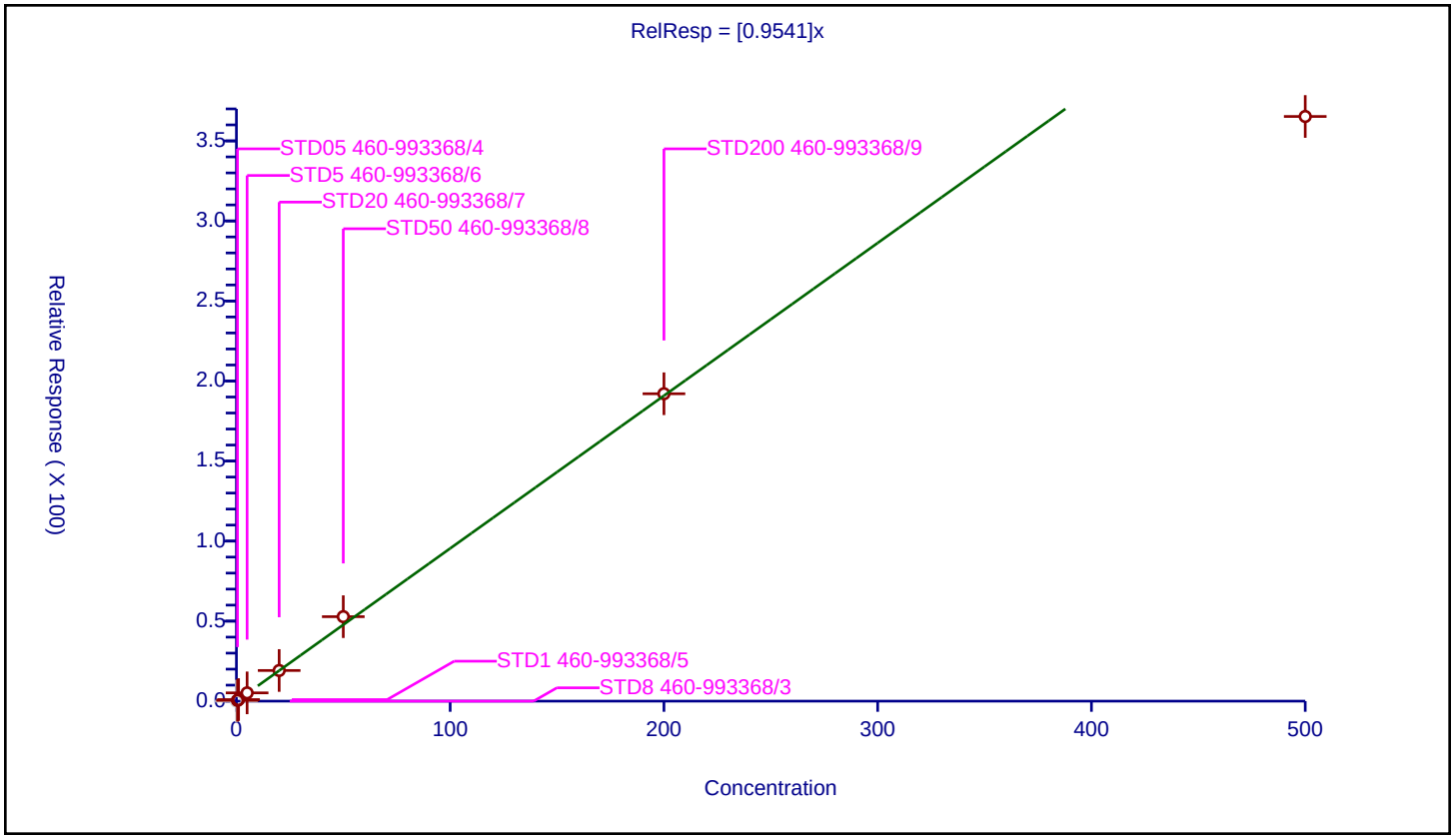
Curve Coefficients

Intercept:	0
Slope:	0.9541

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.49368	50.0	529898.0	0.98736	Y
3	STD1 460-993368/5	1.0	0.953728	50.0	522214.0	0.953728	Y
4	STD5 460-993368/6	5.0	5.172177	50.0	538603.0	1.034435	Y
5	STD20 460-993368/7	20.0	19.14094	50.0	533106.0	0.957047	Y
6	STD50 460-993368/8	50.0	52.773069	50.0	539727.0	1.055461	Y
7	STD200 460-993368/9	200.0	192.047721	50.0	572119.0	0.960239	Y
8	STD500 460-993368/10	500.0	365.257577	50.0	611293.0	0.730515	Y



Calibration / Bromoform

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

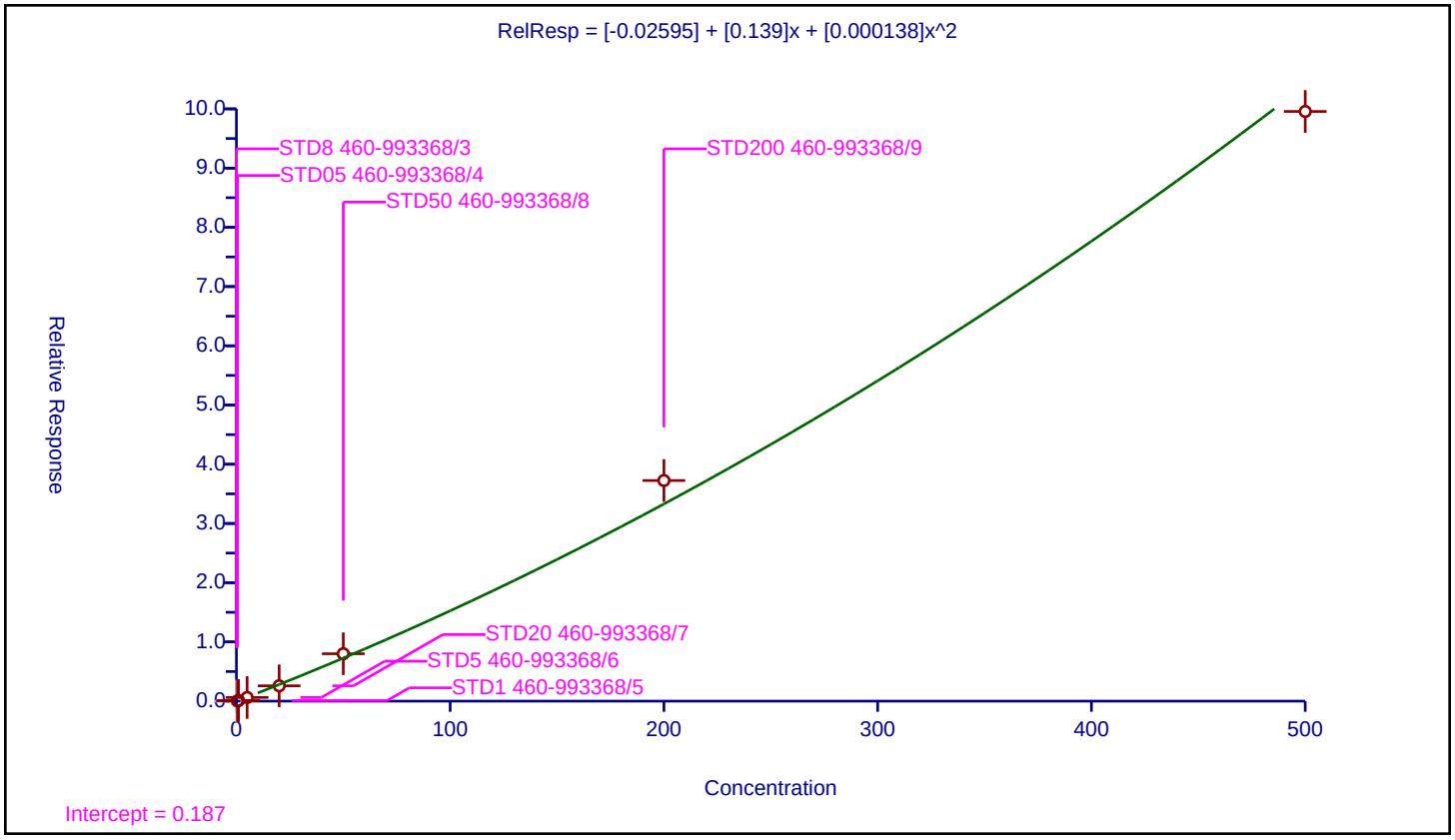
Curve Coefficients

Intercept:	-0.02595
Slope:	0.139
Second Order:	0.000138

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.046613	50.0	529898.0	0.093225	Y
3	STD1 460-993368/5	1.0	0.103406	50.0	522214.0	0.103406	Y
4	STD5 460-993368/6	5.0	0.617709	50.0	538603.0	0.123542	Y
5	STD20 460-993368/7	20.0	2.588791	50.0	533106.0	0.12944	Y
6	STD50 460-993368/8	50.0	8.002657	50.0	539727.0	0.160053	Y
7	STD200 460-993368/9	200.0	37.251254	50.0	572119.0	0.186256	Y
8	STD500 460-993368/10	500.0	99.565184	50.0	611293.0	0.19913	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

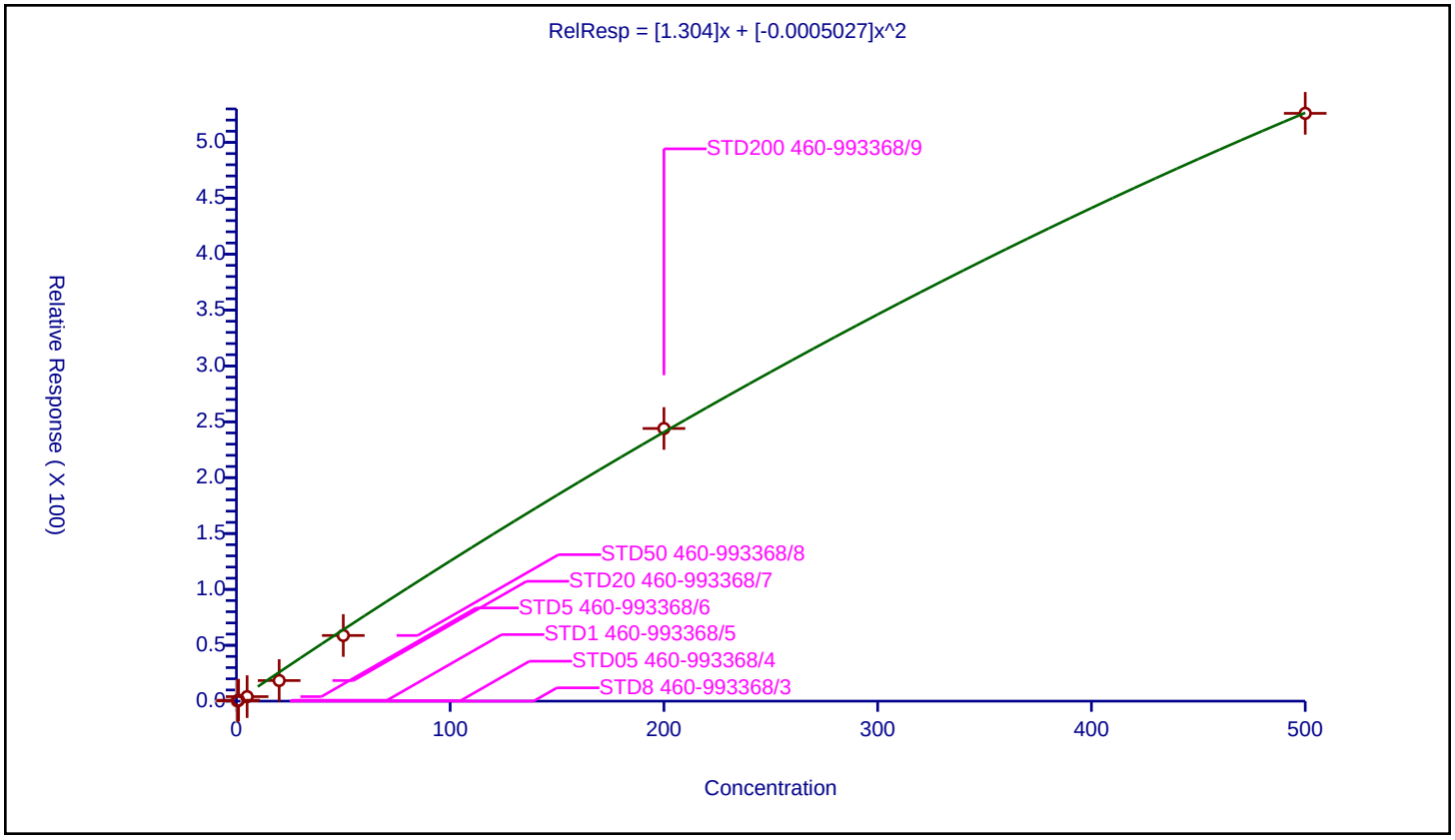
Curve Coefficients

Intercept:	0
Slope:	1.304
Second Order:	-0.0005027

Error Coefficients

Relative Standard Deviation:	35.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.327103	50.0	296084.0	0.654206	Y
3	STD1 460-993368/5	1.0	0.818216	50.0	294482.0	0.818216	Y
4	STD5 460-993368/6	5.0	4.045415	50.0	301749.0	0.809083	Y
5	STD20 460-993368/7	20.0	18.447065	50.0	297836.0	0.922353	Y
6	STD50 460-993368/8	50.0	58.763355	50.0	308318.0	1.175267	Y
7	STD200 460-993368/9	200.0	244.001635	50.0	322863.0	1.220008	Y
8	STD500 460-993368/10	500.0	526.028048	50.0	330651.0	1.052056	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

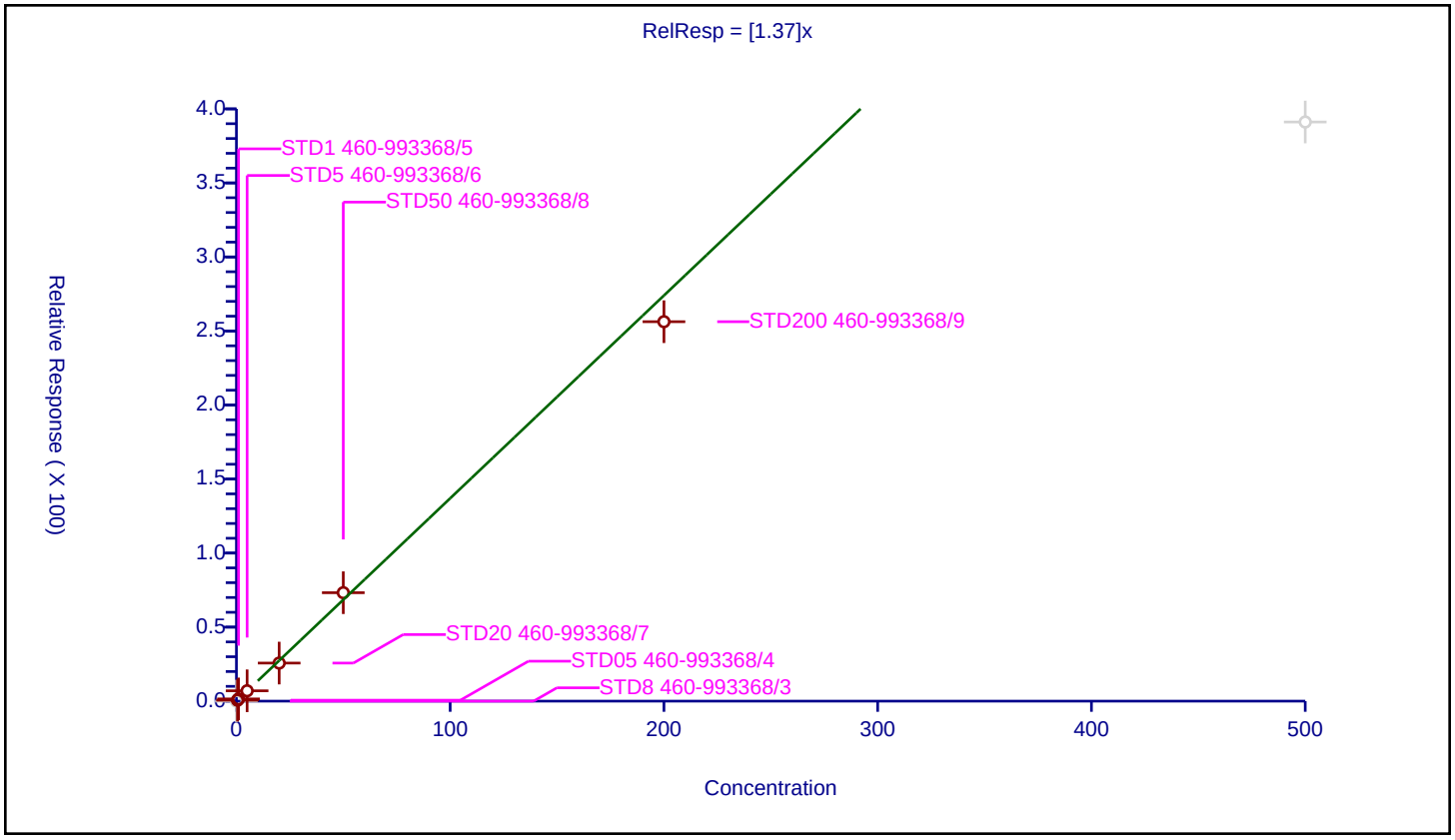
Curve Coefficients

Intercept:	0
Slope:	1.37

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.641727	50.0	529898.0	1.283455	Y
3	STD1 460-993368/5	1.0	1.506949	50.0	522214.0	1.506949	Y
4	STD5 460-993368/6	5.0	6.985572	50.0	538603.0	1.397114	Y
5	STD20 460-993368/7	20.0	25.708208	50.0	533106.0	1.28541	Y
6	STD50 460-993368/8	50.0	73.248049	50.0	539727.0	1.464961	Y
7	STD200 460-993368/9	200.0	256.274831	50.0	572119.0	1.281374	Y
8	STD500 460-993368/10	500.0	391.142791	50.0	611293.0	0.782286	N



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

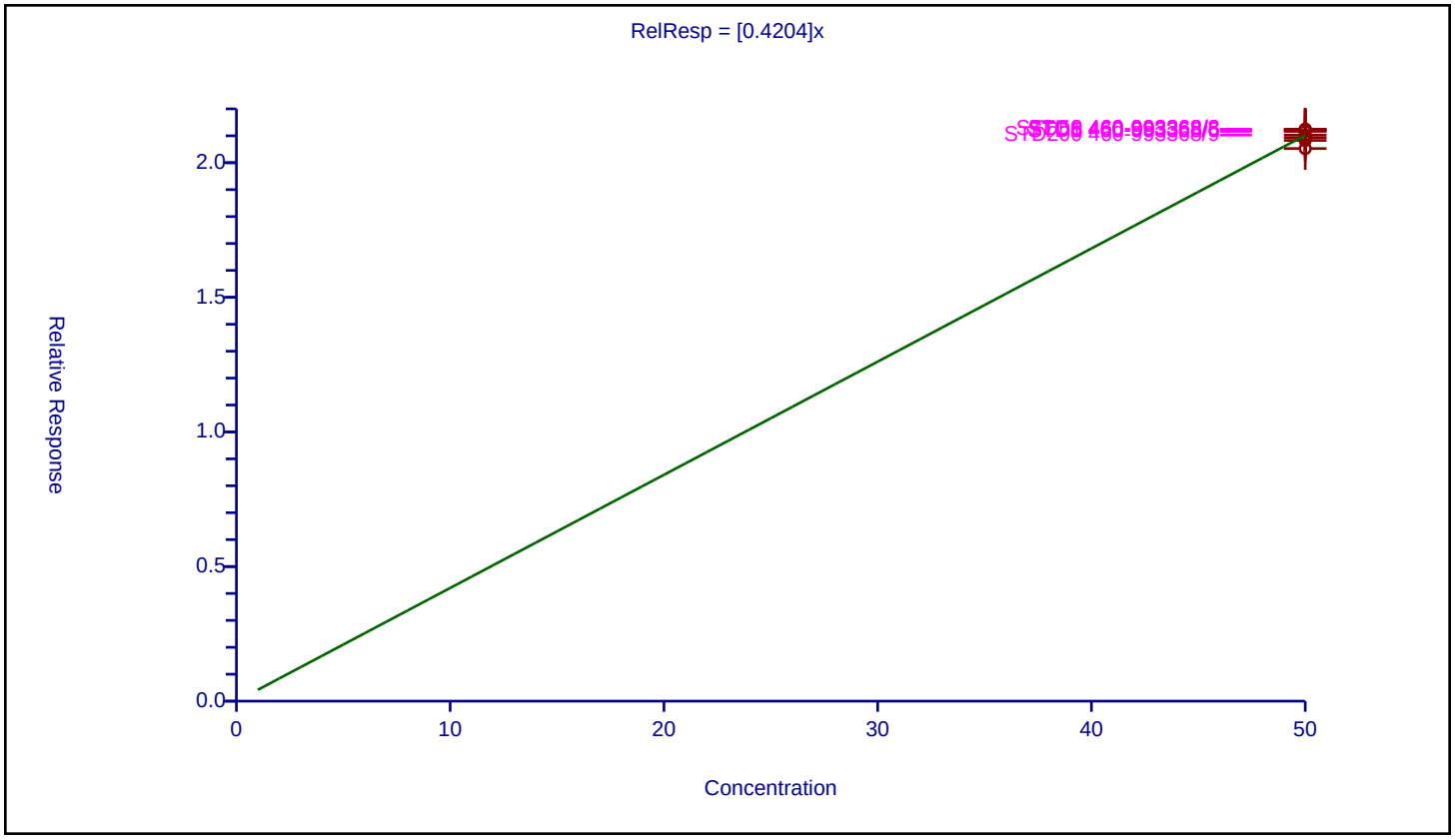
Curve Coefficients

Intercept:	0
Slope:	0.4204

Error Coefficients

Relative Standard Deviation:	1.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	21.246574	50.0	565550.0	0.424931	Y
2	STD05 460-993368/4	50.0	20.827499	50.0	529898.0	0.41655	Y
3	STD1 460-993368/5	50.0	21.164599	50.0	522214.0	0.423292	Y
4	STD5 460-993368/6	50.0	21.193625	50.0	538603.0	0.423872	Y
5	STD20 460-993368/7	50.0	20.929046	50.0	533106.0	0.418581	Y
6	STD50 460-993368/8	50.0	21.236292	50.0	539727.0	0.424726	Y
7	STD200 460-993368/9	50.0	21.026482	50.0	572119.0	0.42053	Y
8	STD500 460-993368/10	50.0	20.526572	50.0	611293.0	0.410531	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

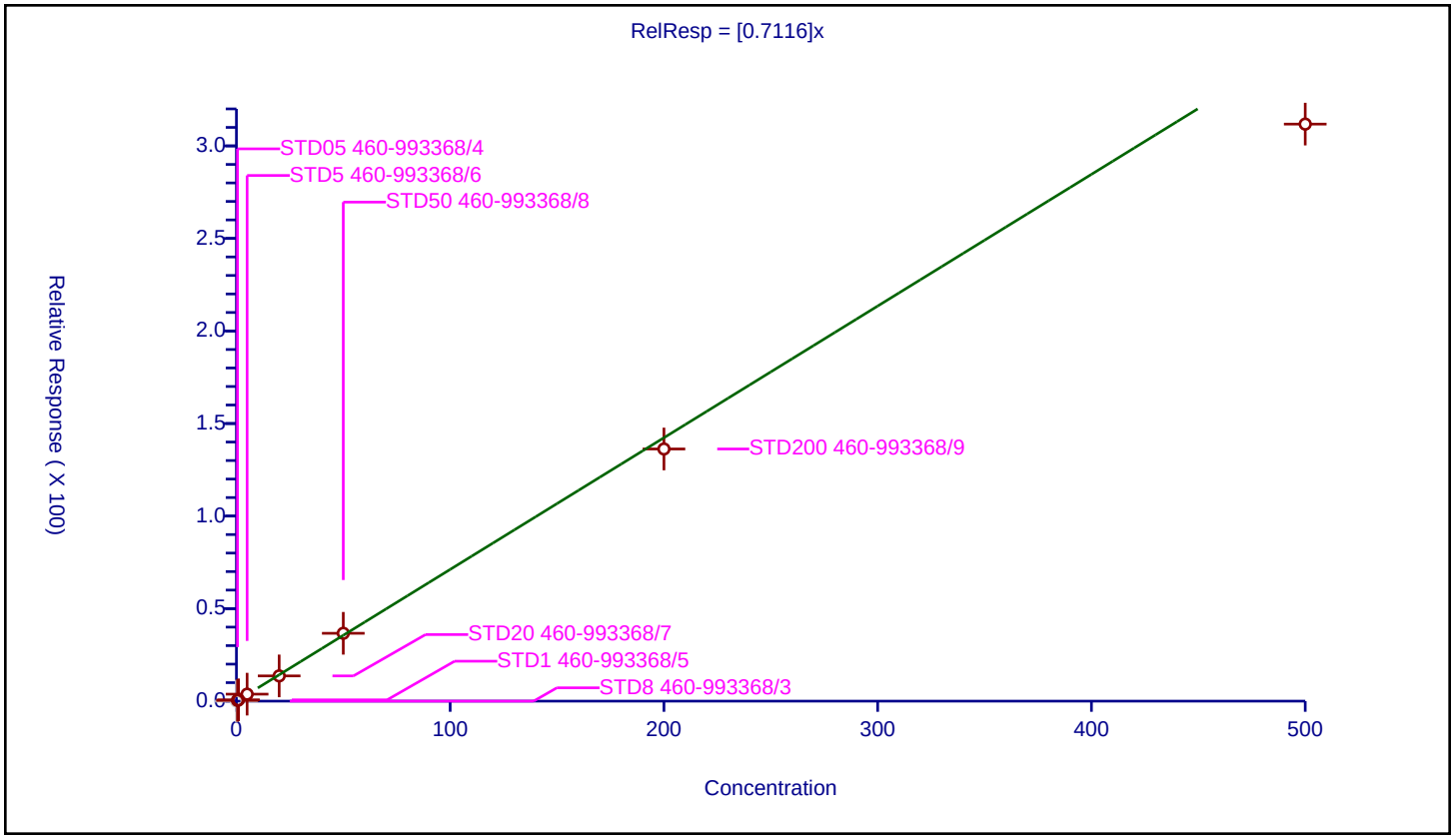
Curve Coefficients

Intercept:	0
Slope:	0.7116

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.406135	50.0	296084.0	0.812269	Y
3	STD1 460-993368/5	1.0	0.692402	50.0	294482.0	0.692402	Y
4	STD5 460-993368/6	5.0	3.781288	50.0	301749.0	0.756258	Y
5	STD20 460-993368/7	20.0	13.641904	50.0	297836.0	0.682095	Y
6	STD50 460-993368/8	50.0	36.665229	50.0	308318.0	0.733305	Y
7	STD200 460-993368/9	200.0	136.249276	50.0	322863.0	0.681246	Y
8	STD500 460-993368/10	500.0	311.789621	50.0	330651.0	0.623579	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

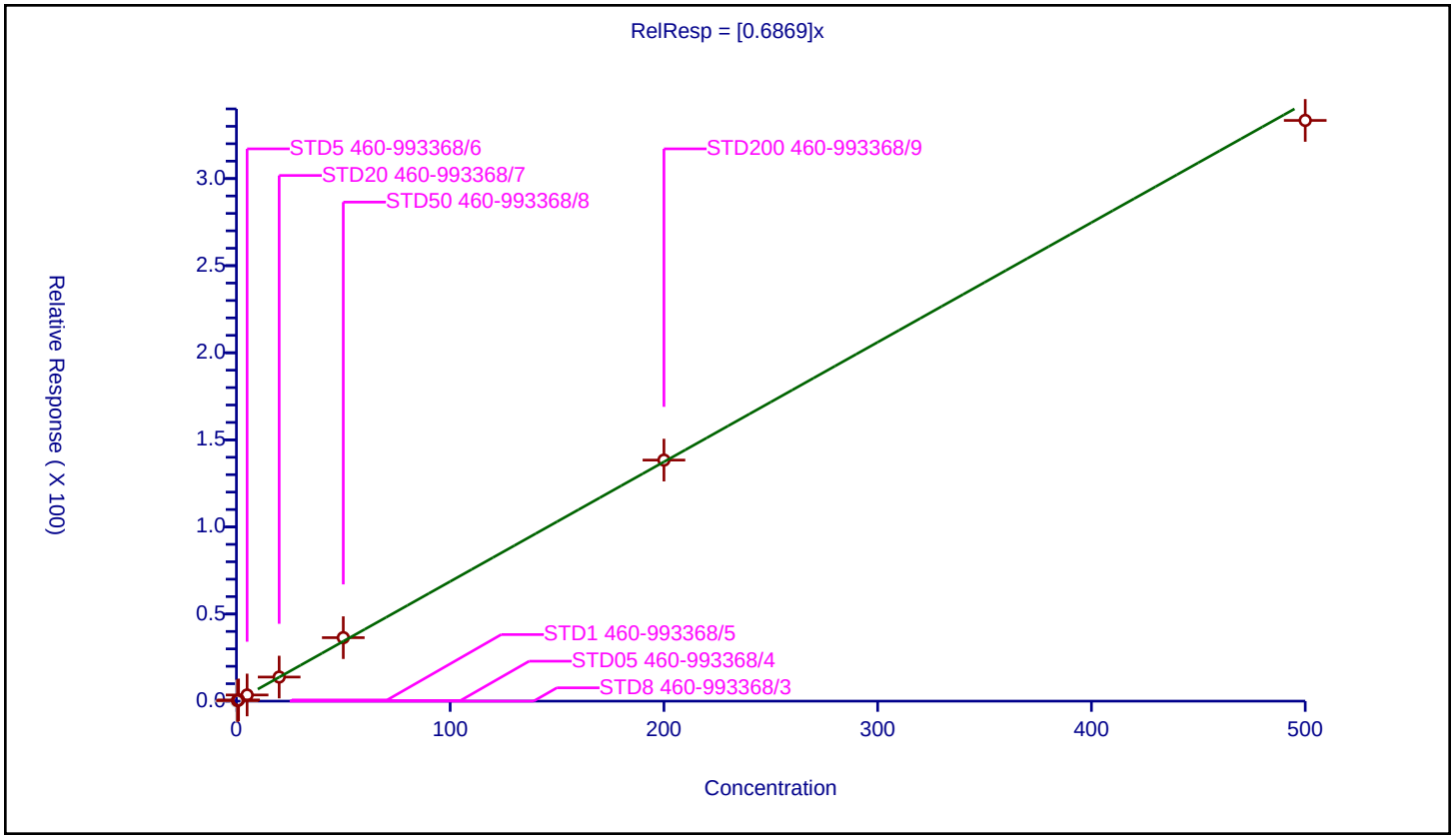
Curve Coefficients

Intercept:	0
Slope:	0.6869

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.319166	50.0	296084.0	0.638332	Y
3	STD1 460-993368/5	1.0	0.681196	50.0	294482.0	0.681196	Y
4	STD5 460-993368/6	5.0	3.546822	50.0	301749.0	0.709364	Y
5	STD20 460-993368/7	20.0	13.835466	50.0	297836.0	0.691773	Y
6	STD50 460-993368/8	50.0	36.438028	50.0	308318.0	0.728761	Y
7	STD200 460-993368/9	200.0	138.385476	50.0	322863.0	0.691927	Y
8	STD500 460-993368/10	500.0	333.373255	50.0	330651.0	0.666747	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

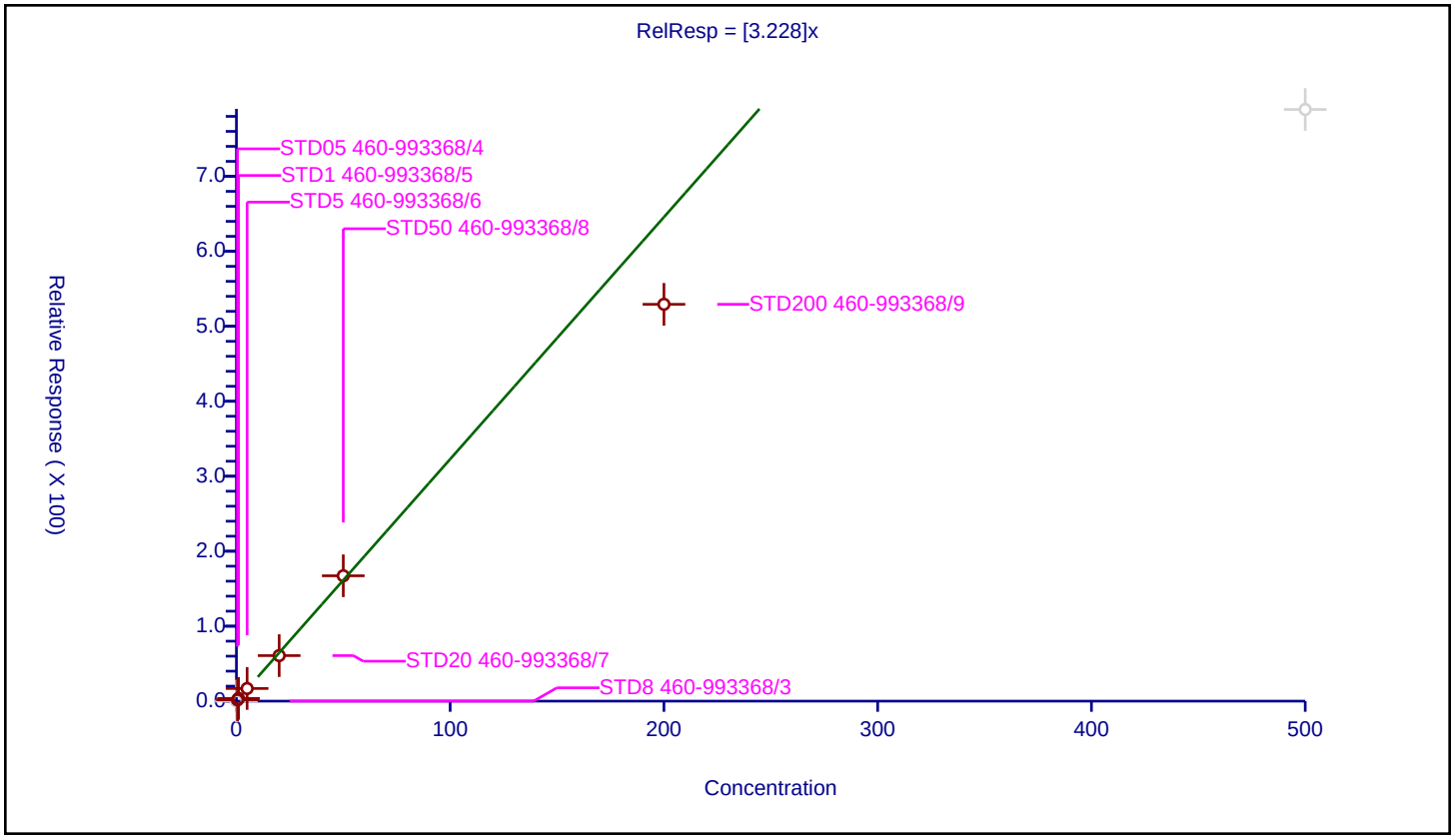
Curve Coefficients

Intercept:	0
Slope:	3.228

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.684488	50.0	296084.0	3.368976	Y
3	STD1 460-993368/5	1.0	3.604125	50.0	294482.0	3.604125	Y
4	STD5 460-993368/6	5.0	16.842641	50.0	301749.0	3.368528	Y
5	STD20 460-993368/7	20.0	60.740978	50.0	297836.0	3.037049	Y
6	STD50 460-993368/8	50.0	167.213883	50.0	308318.0	3.344278	Y
7	STD200 460-993368/9	200.0	529.341392	50.0	322863.0	2.646707	Y
8	STD500 460-993368/10	500.0	789.213249	50.0	330651.0	1.578426	N



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

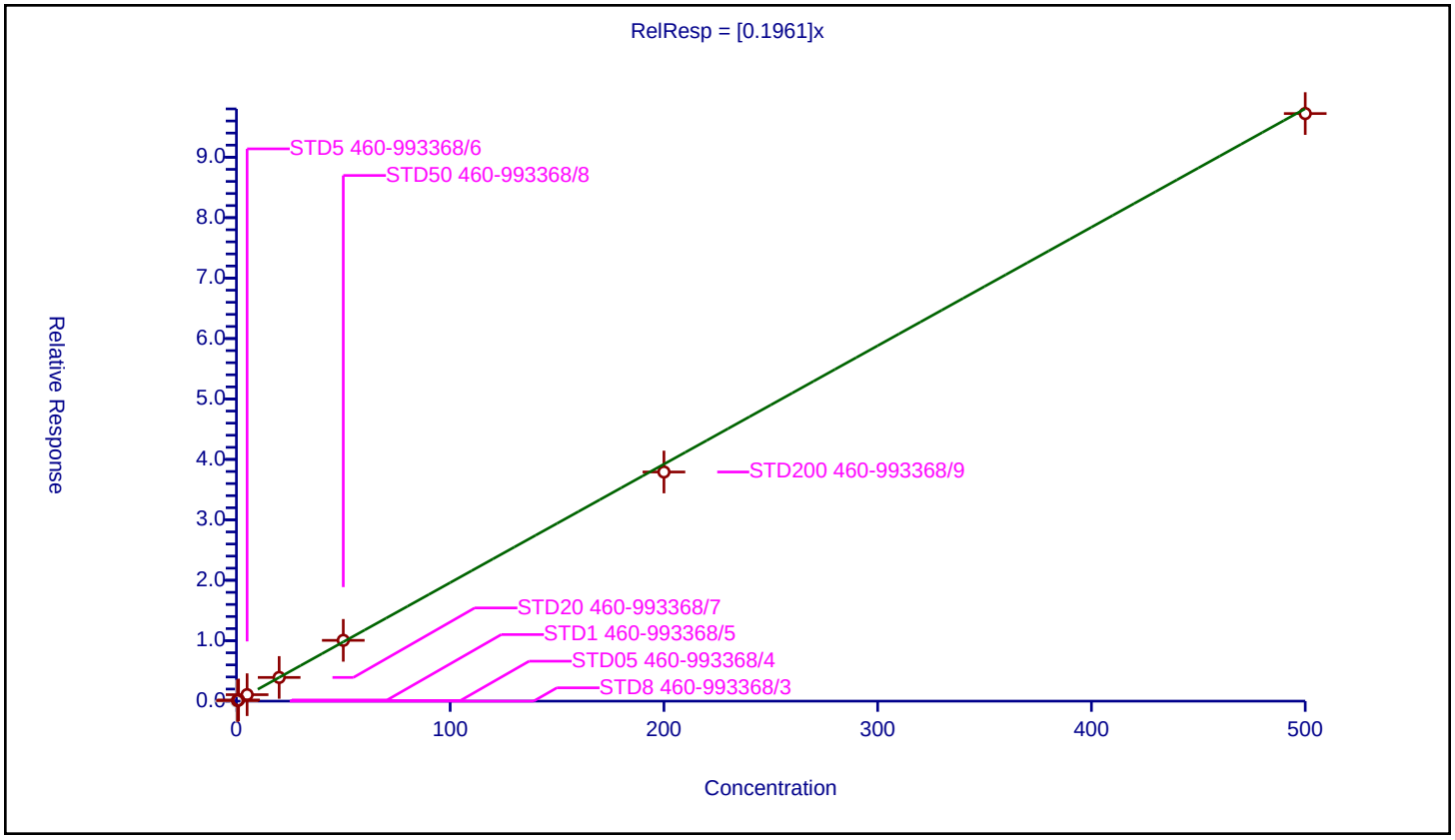
Curve Coefficients

Intercept:	0
Slope:	0.1961

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.09271	50.0	296084.0	0.18542	Y
3	STD1 460-993368/5	1.0	0.191693	50.0	294482.0	0.191693	Y
4	STD5 460-993368/6	5.0	1.070592	50.0	301749.0	0.214118	Y
5	STD20 460-993368/7	20.0	3.918599	50.0	297836.0	0.19593	Y
6	STD50 460-993368/8	50.0	10.059744	50.0	308318.0	0.201195	Y
7	STD200 460-993368/9	200.0	37.917321	50.0	322863.0	0.189587	Y
8	STD500 460-993368/10	500.0	97.228347	50.0	330651.0	0.194457	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

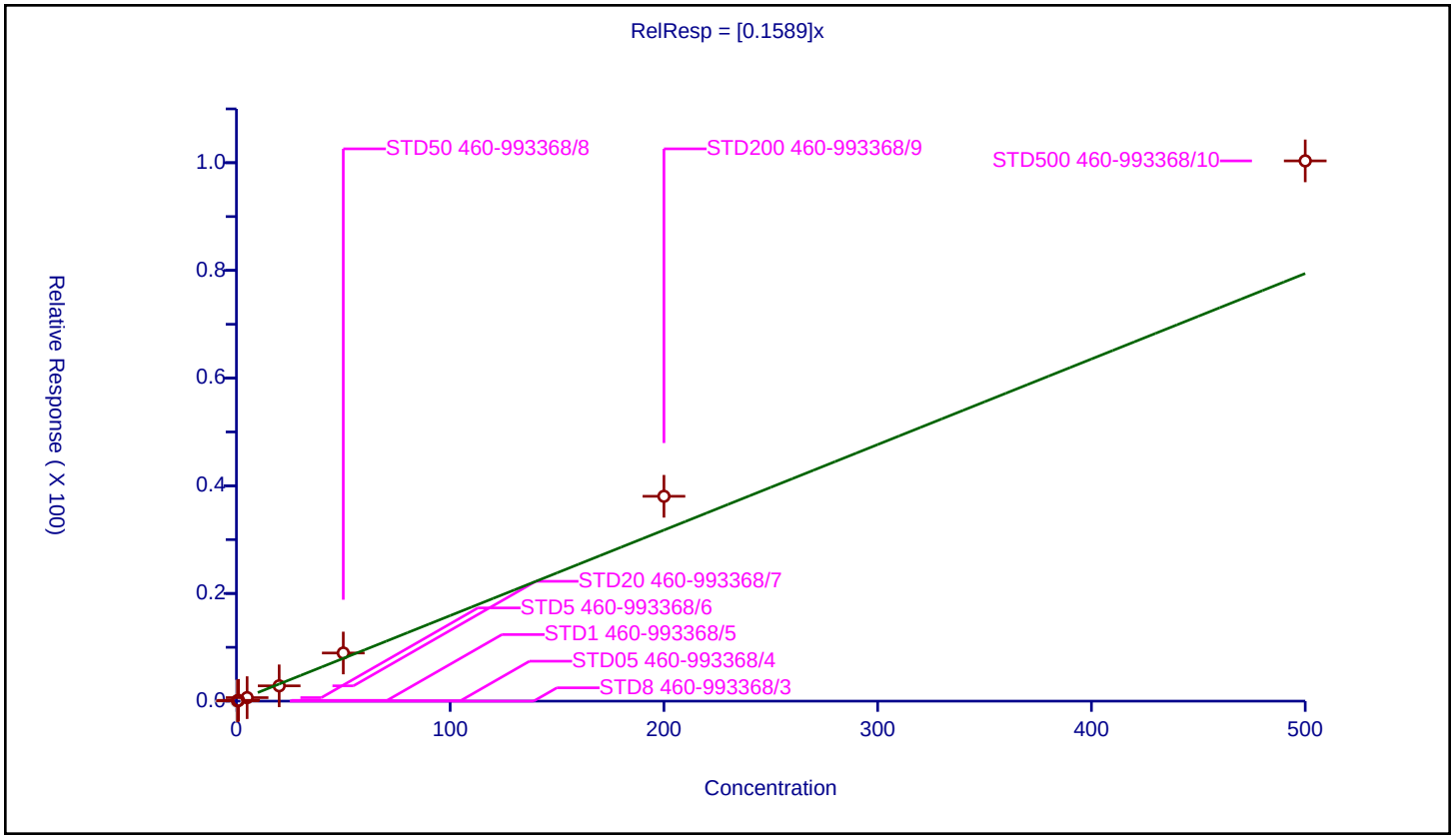
Curve Coefficients

Intercept:	0
Slope:	0.1589

Error Coefficients

Relative Standard Deviation:	19.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.062989	50.0	296084.0	0.125978	Y
3	STD1 460-993368/5	1.0	0.144151	50.0	294482.0	0.144151	Y
4	STD5 460-993368/6	5.0	0.650044	50.0	301749.0	0.130009	Y
5	STD20 460-993368/7	20.0	2.841832	50.0	297836.0	0.142092	Y
6	STD50 460-993368/8	50.0	8.942553	50.0	308318.0	0.178851	Y
7	STD200 460-993368/9	200.0	38.047407	50.0	322863.0	0.190237	Y
8	STD500 460-993368/10	500.0	100.345833	50.0	330651.0	0.200692	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

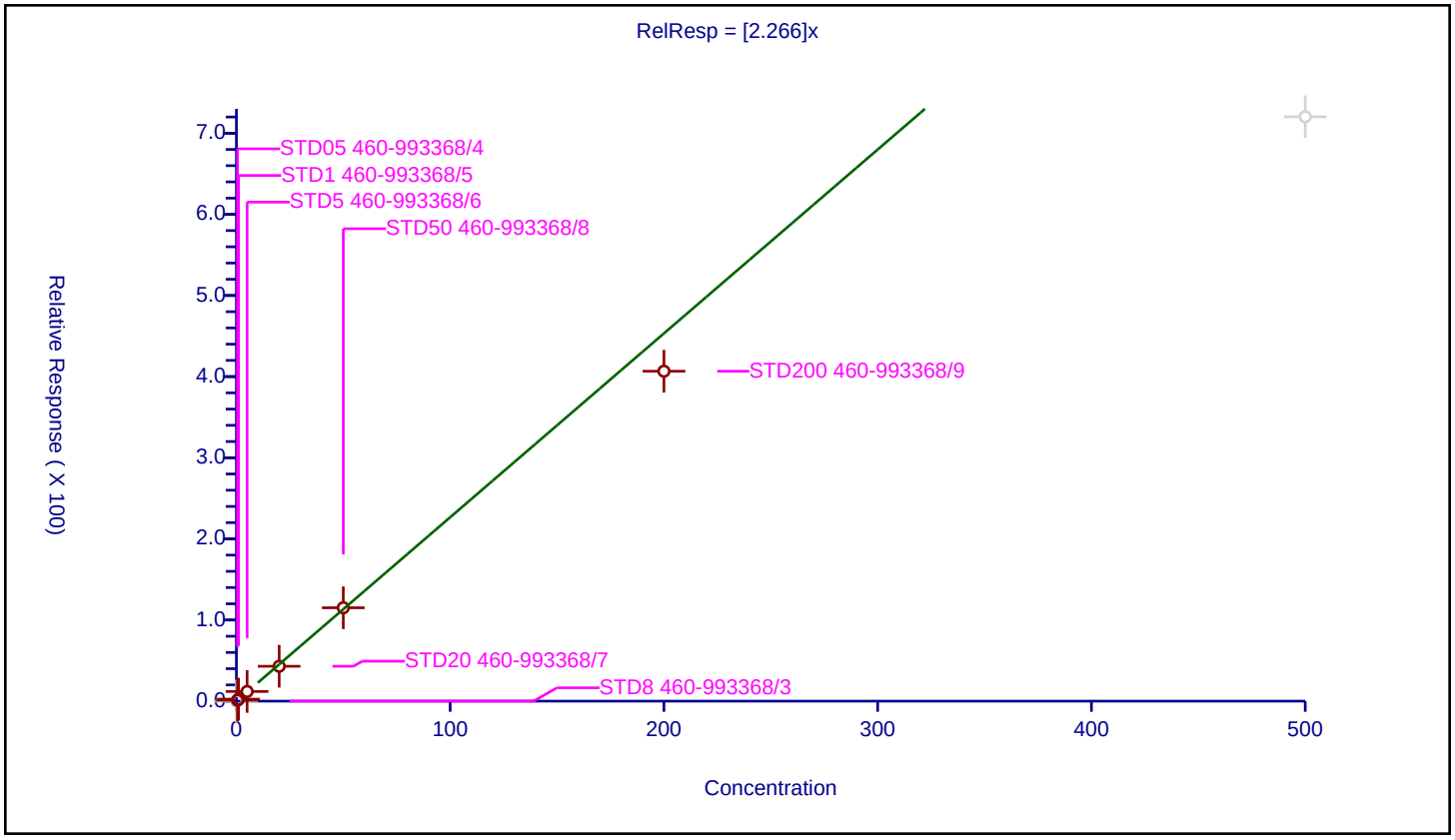
Curve Coefficients

Intercept:	0
Slope:	2.266

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.141906	50.0	296084.0	2.283811	Y
3	STD1 460-993368/5	1.0	2.446499	50.0	294482.0	2.446499	Y
4	STD5 460-993368/6	5.0	11.911556	50.0	301749.0	2.382311	Y
5	STD20 460-993368/7	20.0	43.005379	50.0	297836.0	2.150269	Y
6	STD50 460-993368/8	50.0	115.090426	50.0	308318.0	2.301809	Y
7	STD200 460-993368/9	200.0	406.678065	50.0	322863.0	2.03339	Y
8	STD500 460-993368/10	500.0	720.269862	50.0	330651.0	1.44054	N



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

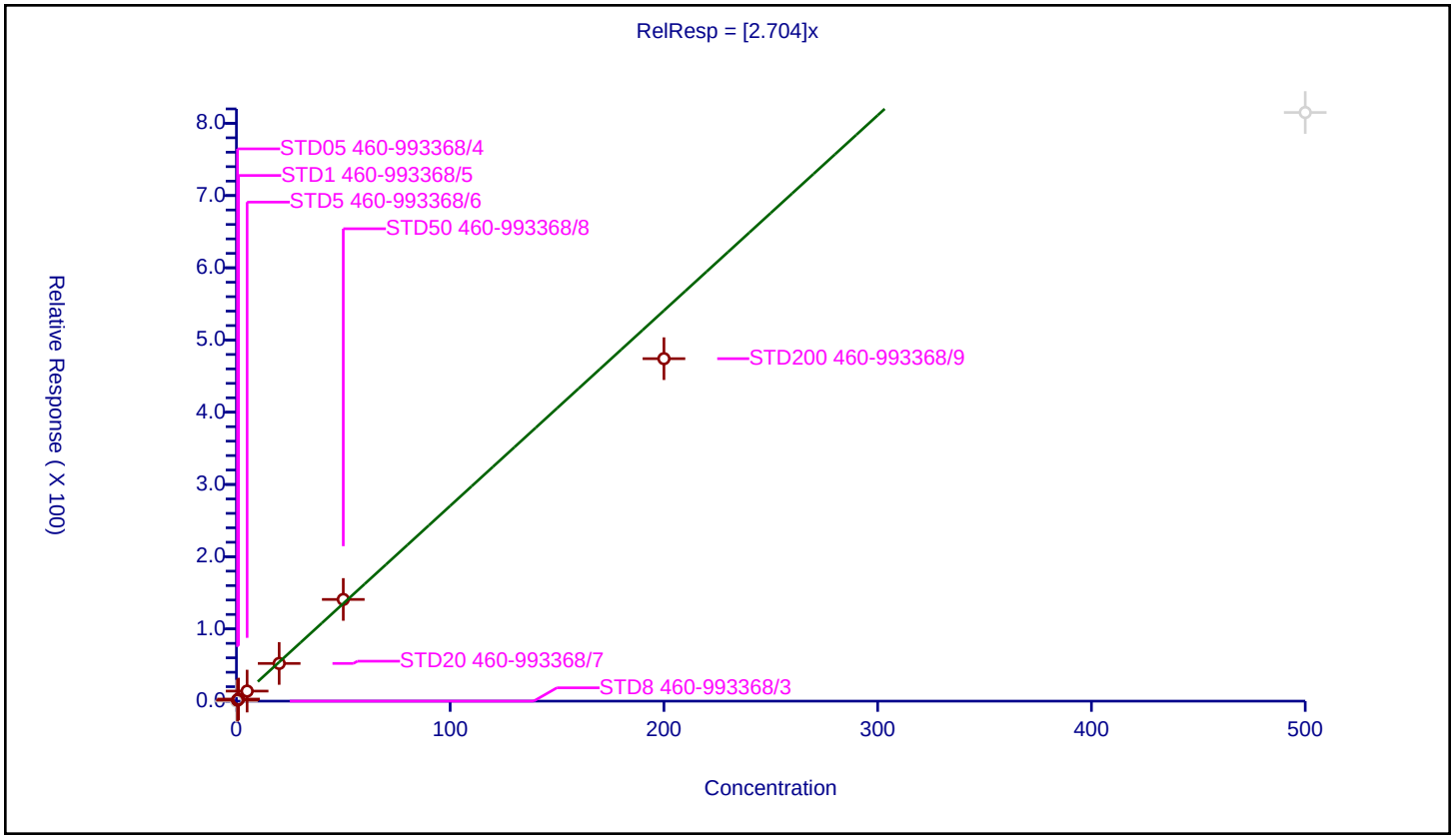
Curve Coefficients

Intercept:	0
Slope:	2.704

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.390822	50.0	296084.0	2.781643	Y
3	STD1 460-993368/5	1.0	2.858749	50.0	294482.0	2.858749	Y
4	STD5 460-993368/6	5.0	13.922499	50.0	301749.0	2.7845	Y
5	STD20 460-993368/7	20.0	52.209437	50.0	297836.0	2.610472	Y
6	STD50 460-993368/8	50.0	140.821976	50.0	308318.0	2.81644	Y
7	STD200 460-993368/9	200.0	474.190911	50.0	322863.0	2.370955	Y
8	STD500 460-993368/10	500.0	815.010237	50.0	330651.0	1.63002	N



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

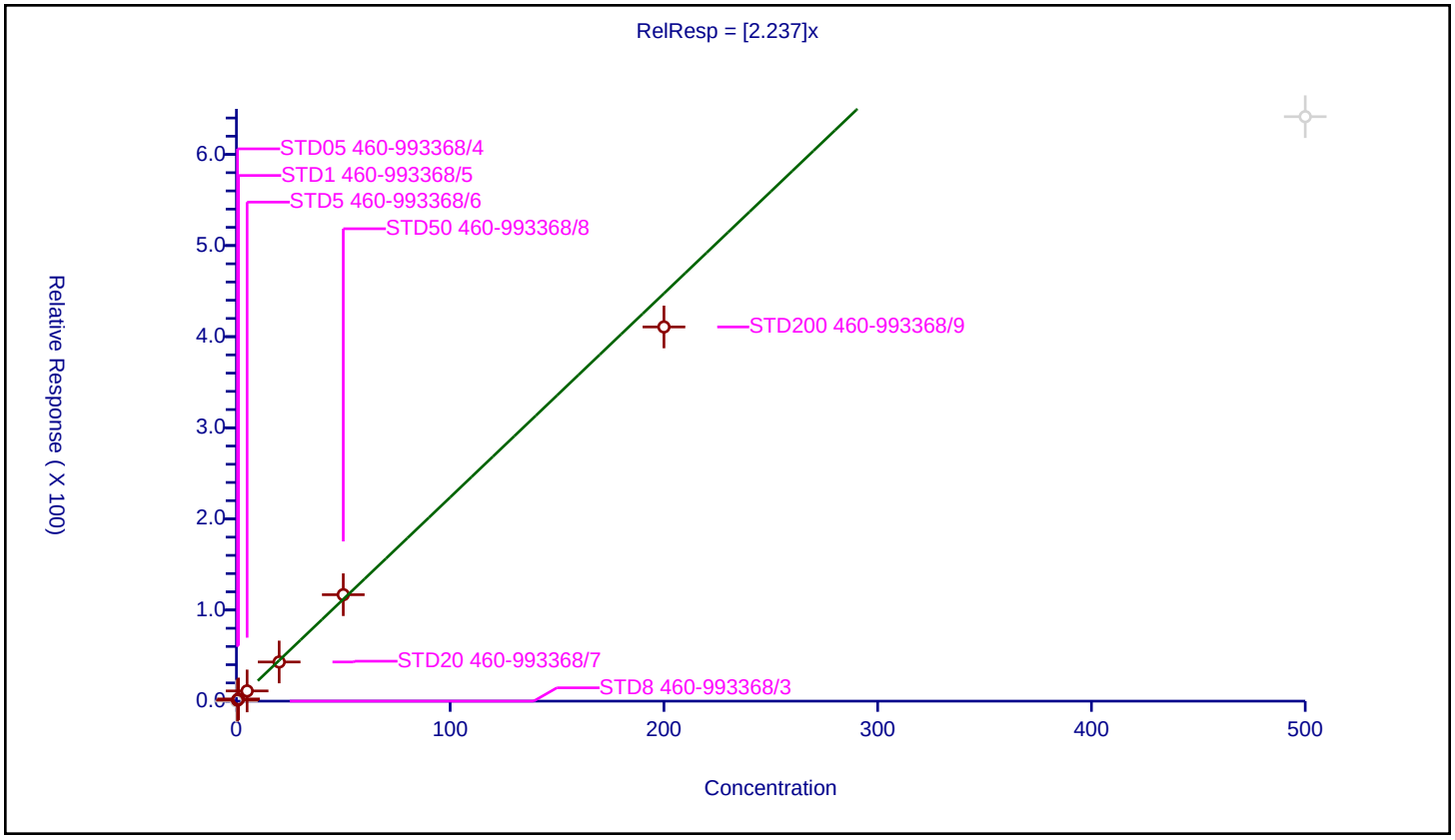
Curve Coefficients

Intercept:	0
Slope:	2.237

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.119446	50.0	296084.0	2.238892	Y
3	STD1 460-993368/5	1.0	2.403033	50.0	294482.0	2.403033	Y
4	STD5 460-993368/6	5.0	11.215944	50.0	301749.0	2.243189	Y
5	STD20 460-993368/7	20.0	42.976672	50.0	297836.0	2.148834	Y
6	STD50 460-993368/8	50.0	116.83327	50.0	308318.0	2.336665	Y
7	STD200 460-993368/9	200.0	410.697107	50.0	322863.0	2.053486	Y
8	STD500 460-993368/10	500.0	641.451863	50.0	330651.0	1.282904	N



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

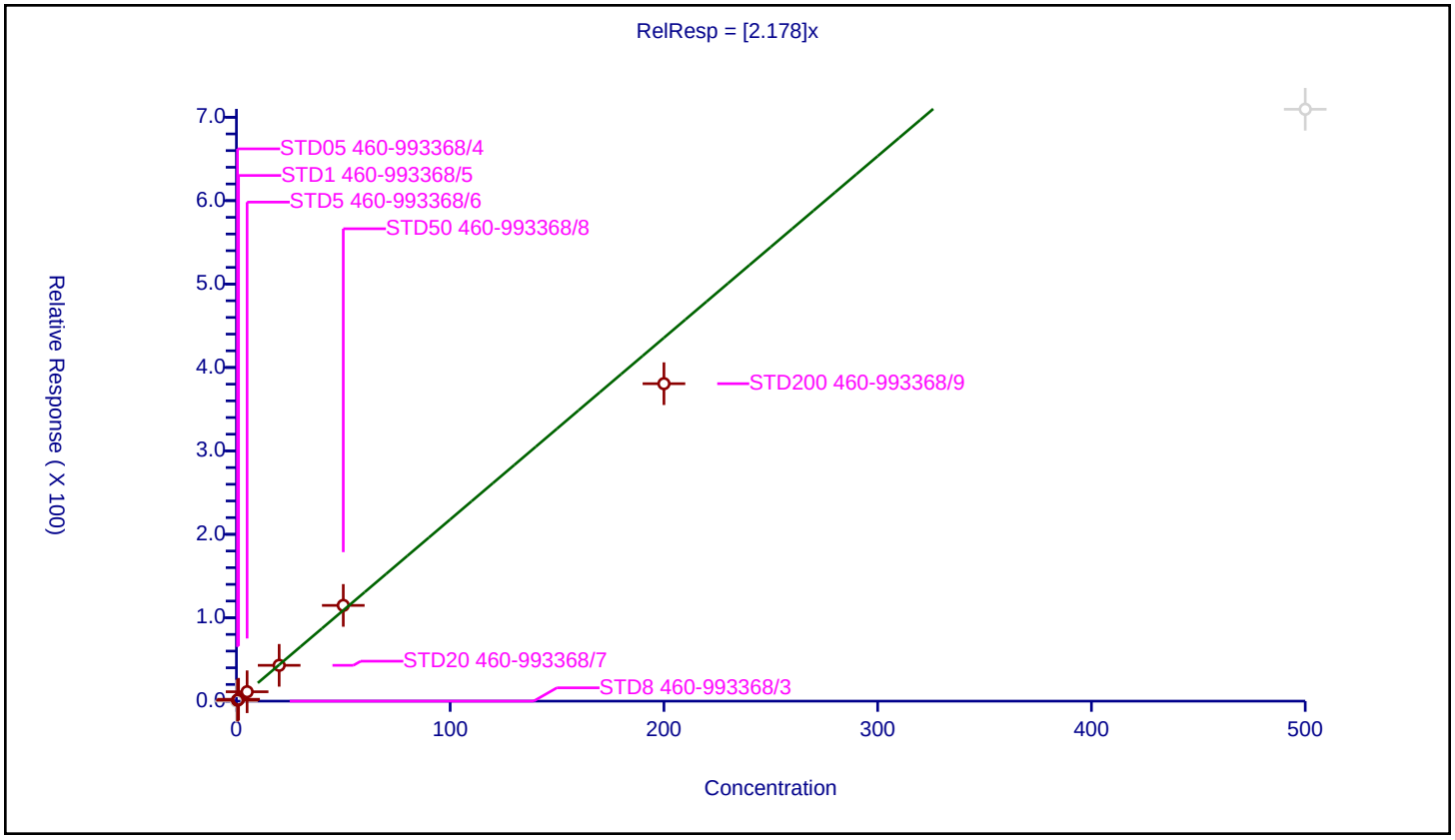
Curve Coefficients

Intercept:	0
Slope:	2.178

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.127889	50.0	296084.0	2.255779	Y
3	STD1 460-993368/5	1.0	2.218642	50.0	294482.0	2.218642	Y
4	STD5 460-993368/6	5.0	11.241131	50.0	301749.0	2.248226	Y
5	STD20 460-993368/7	20.0	42.940746	50.0	297836.0	2.147037	Y
6	STD50 460-993368/8	50.0	114.771113	50.0	308318.0	2.295422	Y
7	STD200 460-993368/9	200.0	380.582166	50.0	322863.0	1.902911	Y
8	STD500 460-993368/10	500.0	709.559929	50.0	330651.0	1.41912	N



Calibration / Butyl Methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

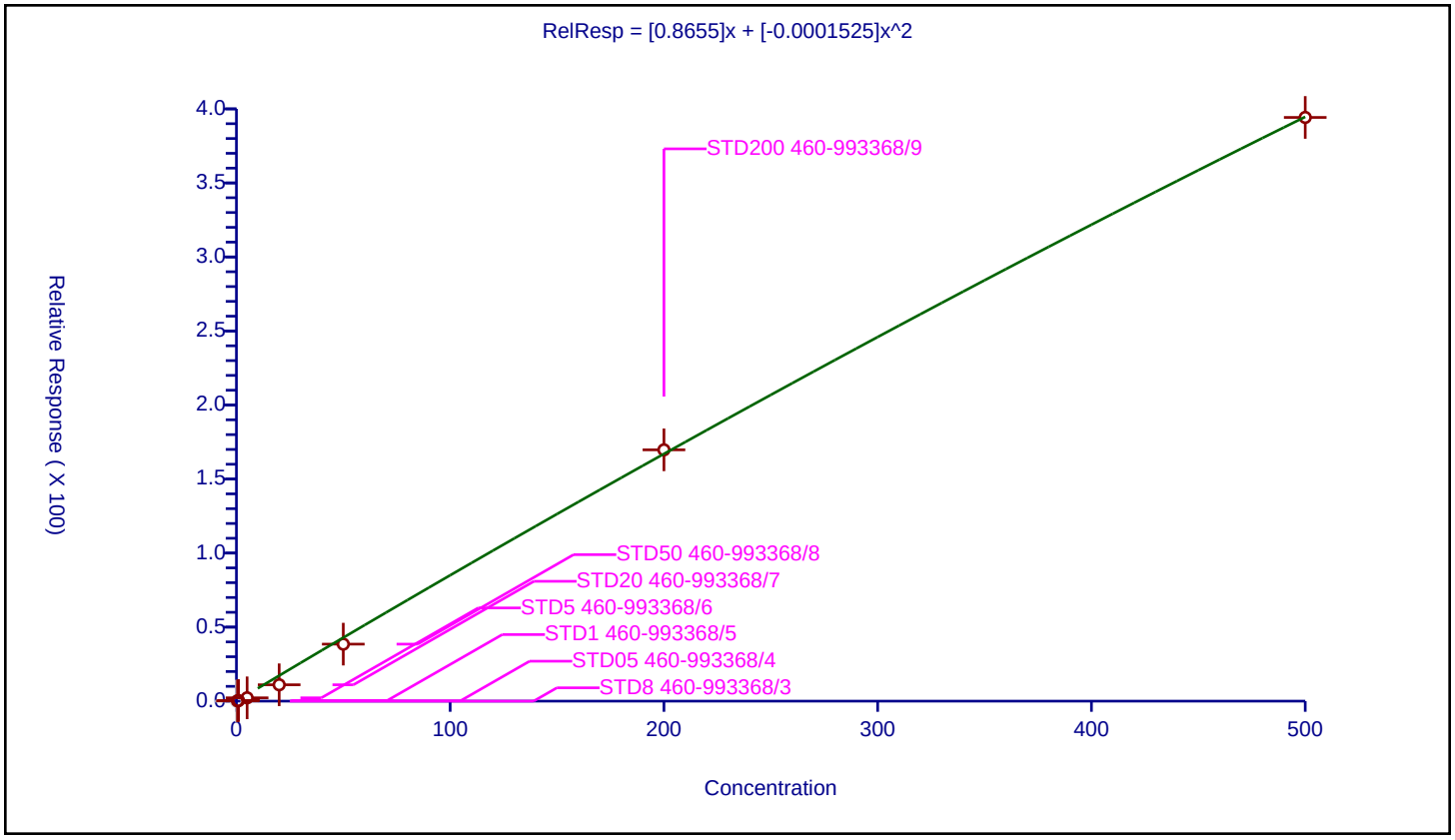
Curve Coefficients

Intercept:	0
Slope:	0.8655
Second Order:	-0.0001525

Error Coefficients

Relative Standard Deviation:	44.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.186771	50.0	296084.0	0.373543	Y
3	STD1 460-993368/5	1.0	0.381008	50.0	294482.0	0.381008	Y
4	STD5 460-993368/6	5.0	2.243587	50.0	301749.0	0.448717	Y
5	STD20 460-993368/7	20.0	11.05172	50.0	297836.0	0.552586	Y
6	STD50 460-993368/8	50.0	38.509429	50.0	308318.0	0.770189	Y
7	STD200 460-993368/9	200.0	169.723691	50.0	322863.0	0.848618	Y
8	STD500 460-993368/10	500.0	394.233497	50.0	330651.0	0.788467	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

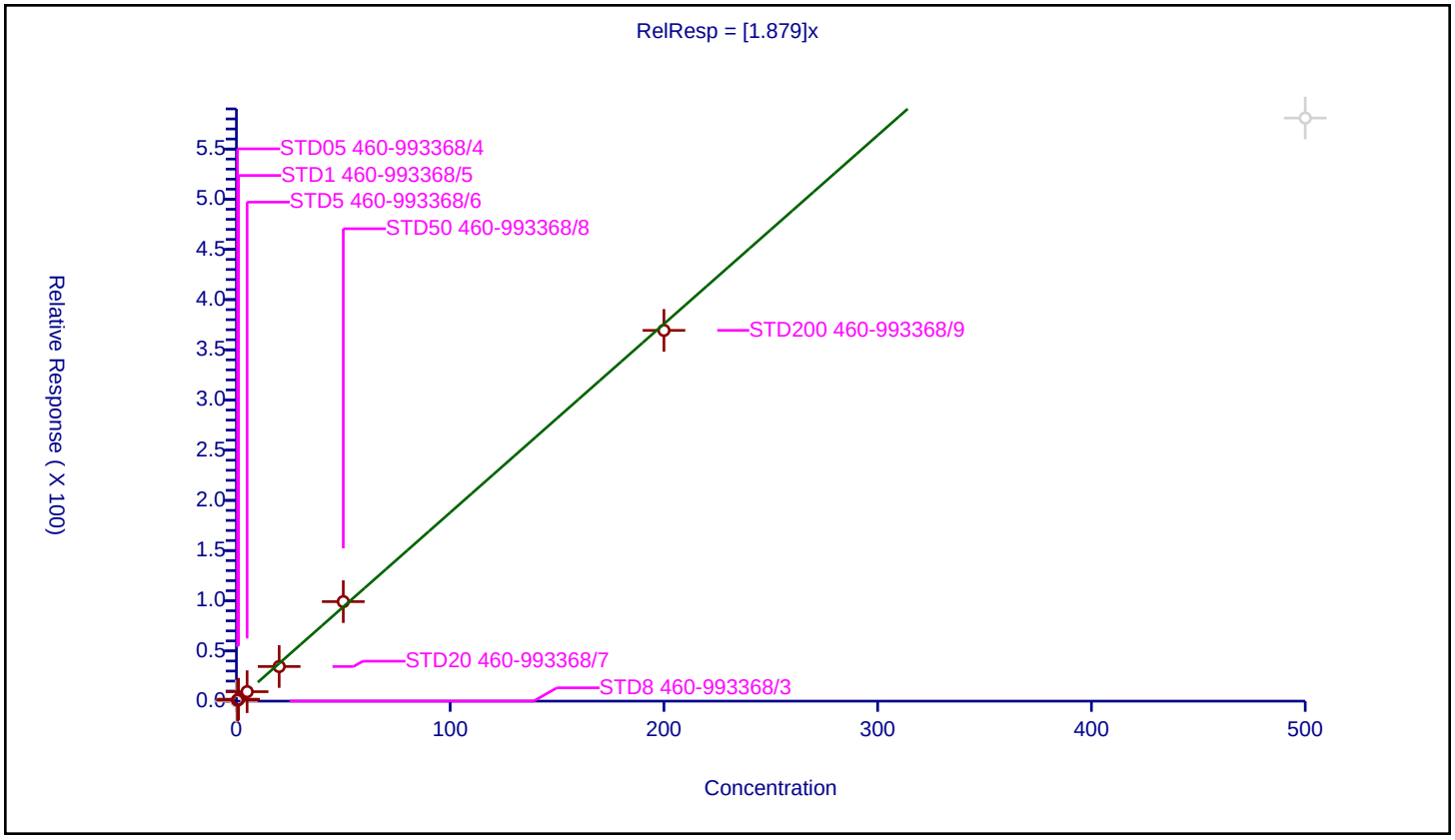
Curve Coefficients

Intercept:	0
Slope:	1.879

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.957836	50.0	296084.0	1.915673	Y
3	STD1 460-993368/5	1.0	1.920491	50.0	294482.0	1.920491	Y
4	STD5 460-993368/6	5.0	9.419584	50.0	301749.0	1.883917	Y
5	STD20 460-993368/7	20.0	34.466283	50.0	297836.0	1.723314	Y
6	STD50 460-993368/8	50.0	99.133038	50.0	308318.0	1.982661	Y
7	STD200 460-993368/9	200.0	369.349074	50.0	322863.0	1.846745	Y
8	STD500 460-993368/10	500.0	580.88362	50.0	330651.0	1.161767	N



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

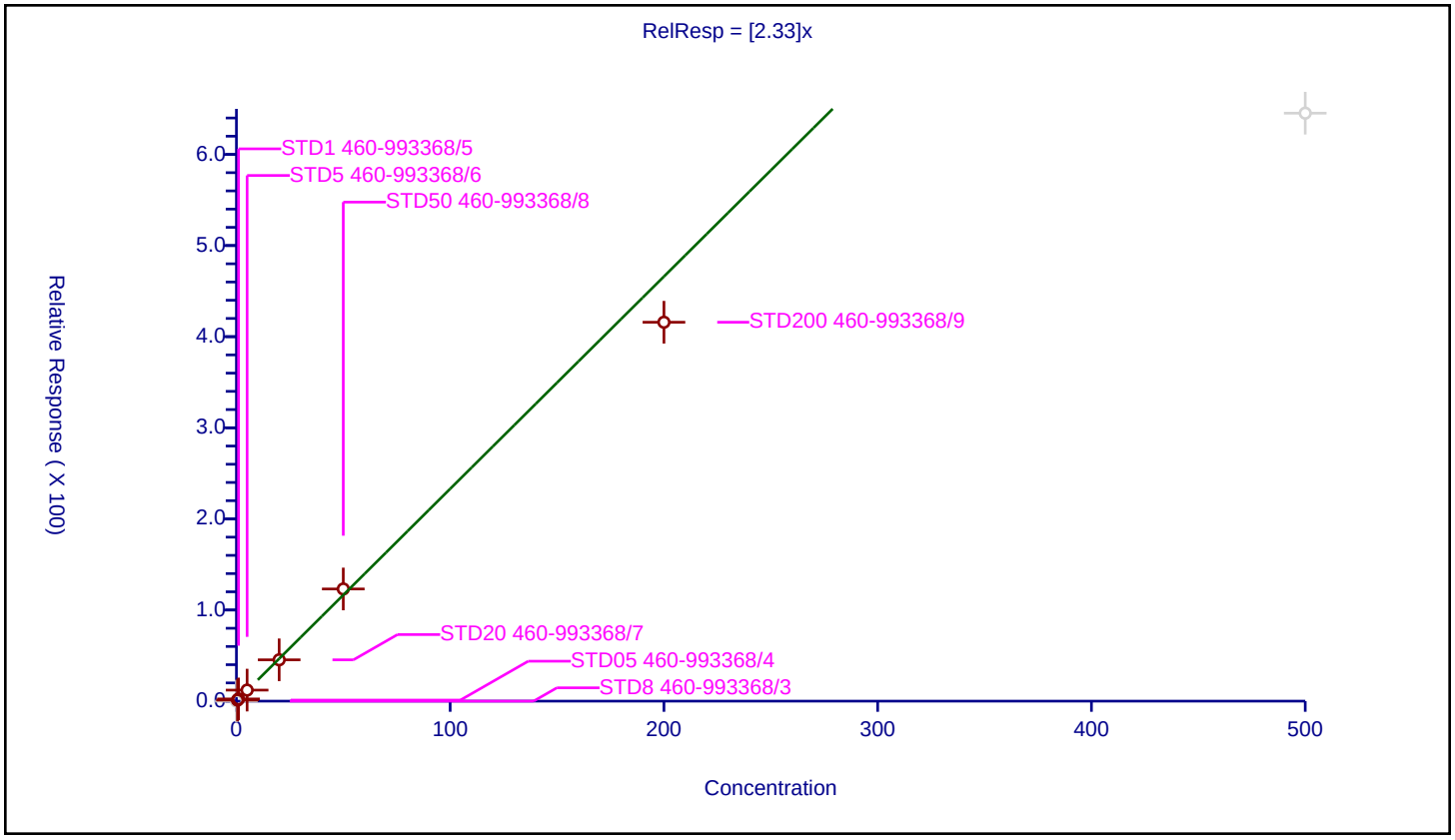
Curve Coefficients

Intercept:	0
Slope:	2.33

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.162508	50.0	296084.0	2.325016	Y
3	STD1 460-993368/5	1.0	2.421031	50.0	294482.0	2.421031	Y
4	STD5 460-993368/6	5.0	12.127298	50.0	301749.0	2.42546	Y
5	STD20 460-993368/7	20.0	45.364899	50.0	297836.0	2.268245	Y
6	STD50 460-993368/8	50.0	123.116555	50.0	308318.0	2.462331	Y
7	STD200 460-993368/9	200.0	415.844801	50.0	322863.0	2.079224	Y
8	STD500 460-993368/10	500.0	645.307741	50.0	330651.0	1.290615	N



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

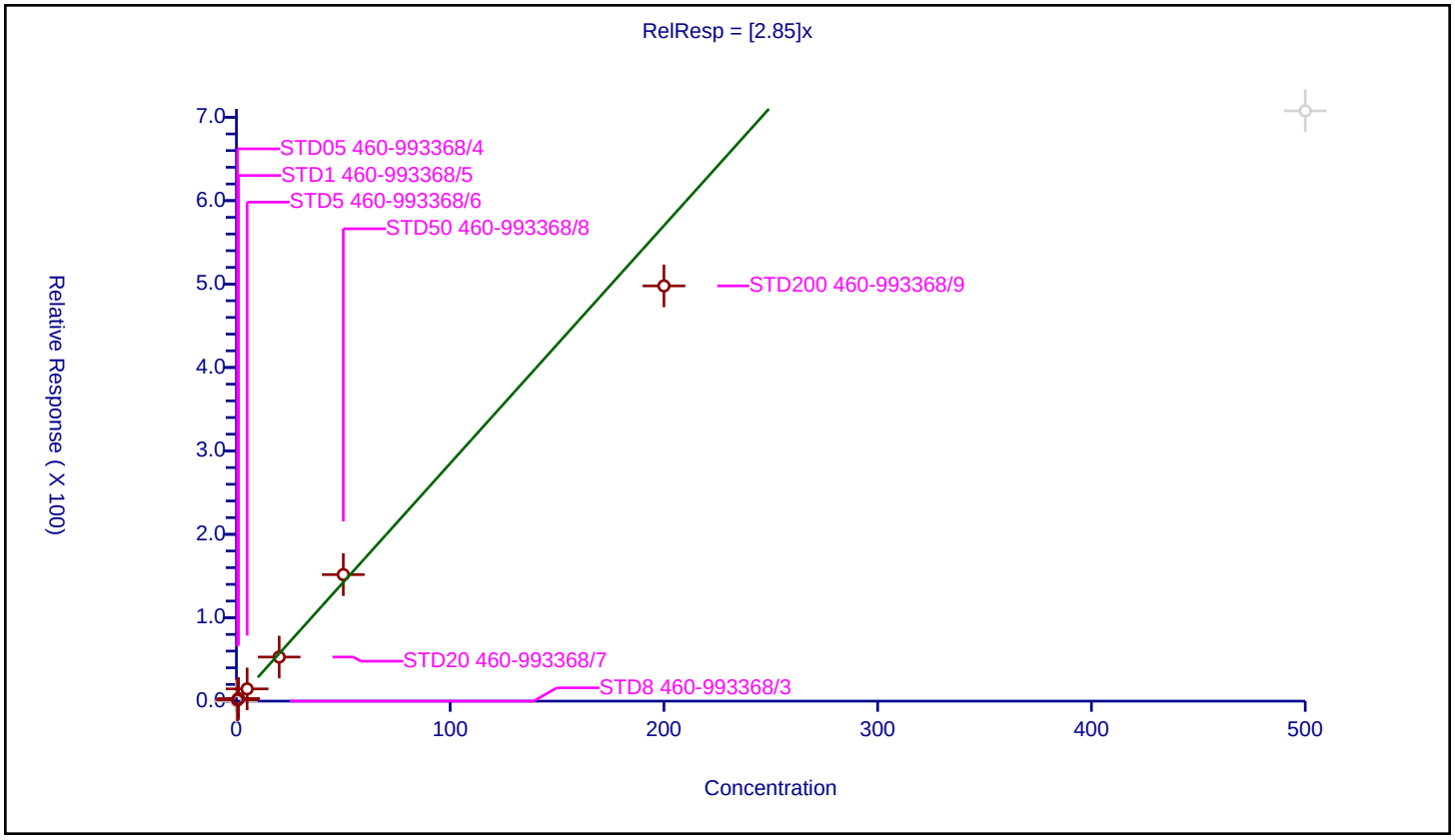
Curve Coefficients

Intercept:	0
Slope:	2.85

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.446211	50.0	296084.0	2.892422	Y
3	STD1 460-993368/5	1.0	3.106302	50.0	294482.0	3.106302	Y
4	STD5 460-993368/6	5.0	14.679585	50.0	301749.0	2.935917	Y
5	STD20 460-993368/7	20.0	52.863321	50.0	297836.0	2.643166	Y
6	STD50 460-993368/8	50.0	151.694841	50.0	308318.0	3.033897	Y
7	STD200 460-993368/9	200.0	497.822141	50.0	322863.0	2.489111	Y
8	STD500 460-993368/10	500.0	707.630855	50.0	330651.0	1.415262	N



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

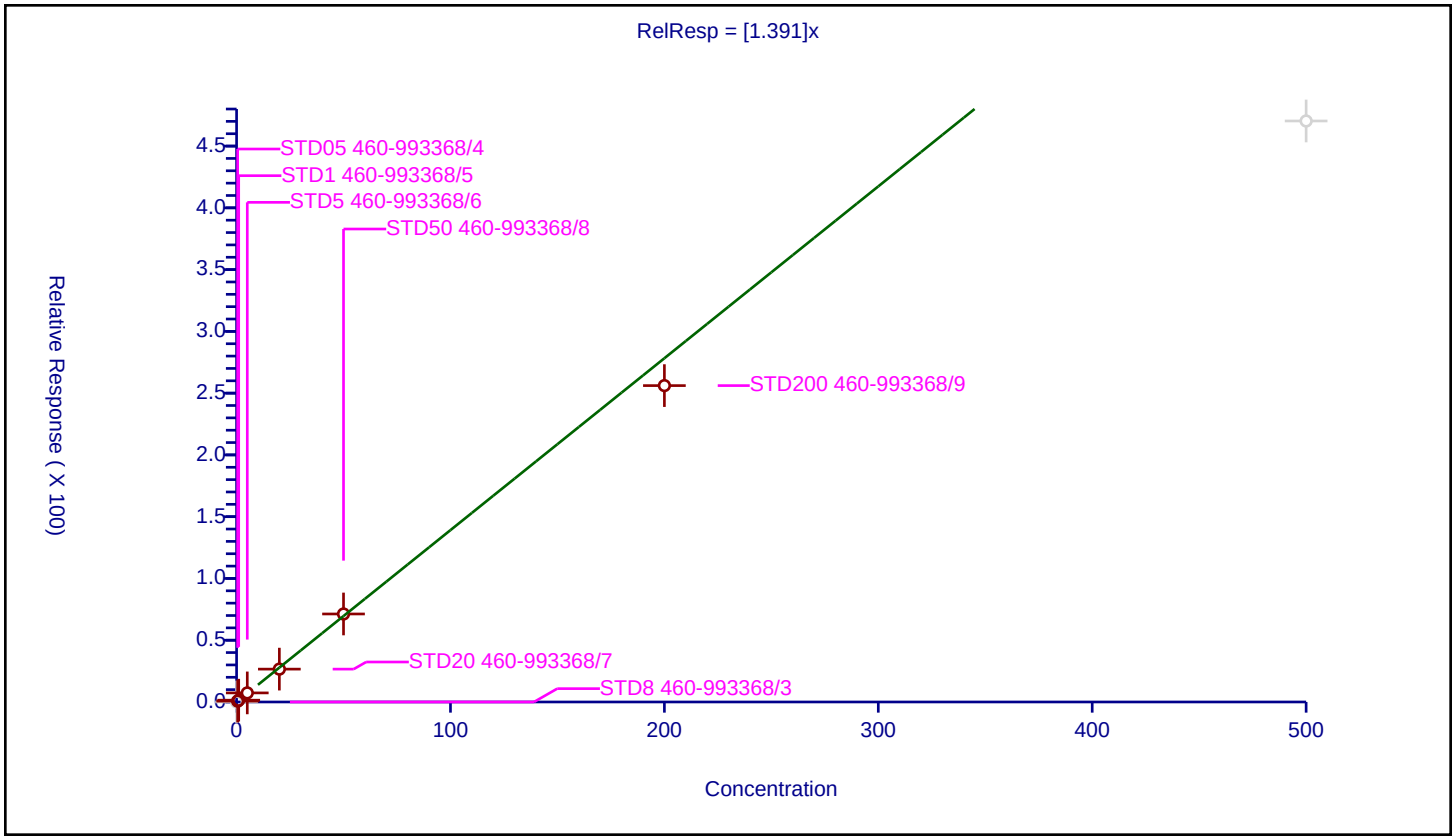
Curve Coefficients

Intercept:	0
Slope:	1.391

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.69845	50.0	296084.0	1.396901	Y
3	STD1 460-993368/5	1.0	1.447287	50.0	294482.0	1.447287	Y
4	STD5 460-993368/6	5.0	7.340372	50.0	301749.0	1.468074	Y
5	STD20 460-993368/7	20.0	26.596348	50.0	297836.0	1.329817	Y
6	STD50 460-993368/8	50.0	71.25257	50.0	308318.0	1.425051	Y
7	STD200 460-993368/9	200.0	256.107699	50.0	322863.0	1.280538	Y
8	STD500 460-993368/10	500.0	470.30328	50.0	330651.0	0.940607	N



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

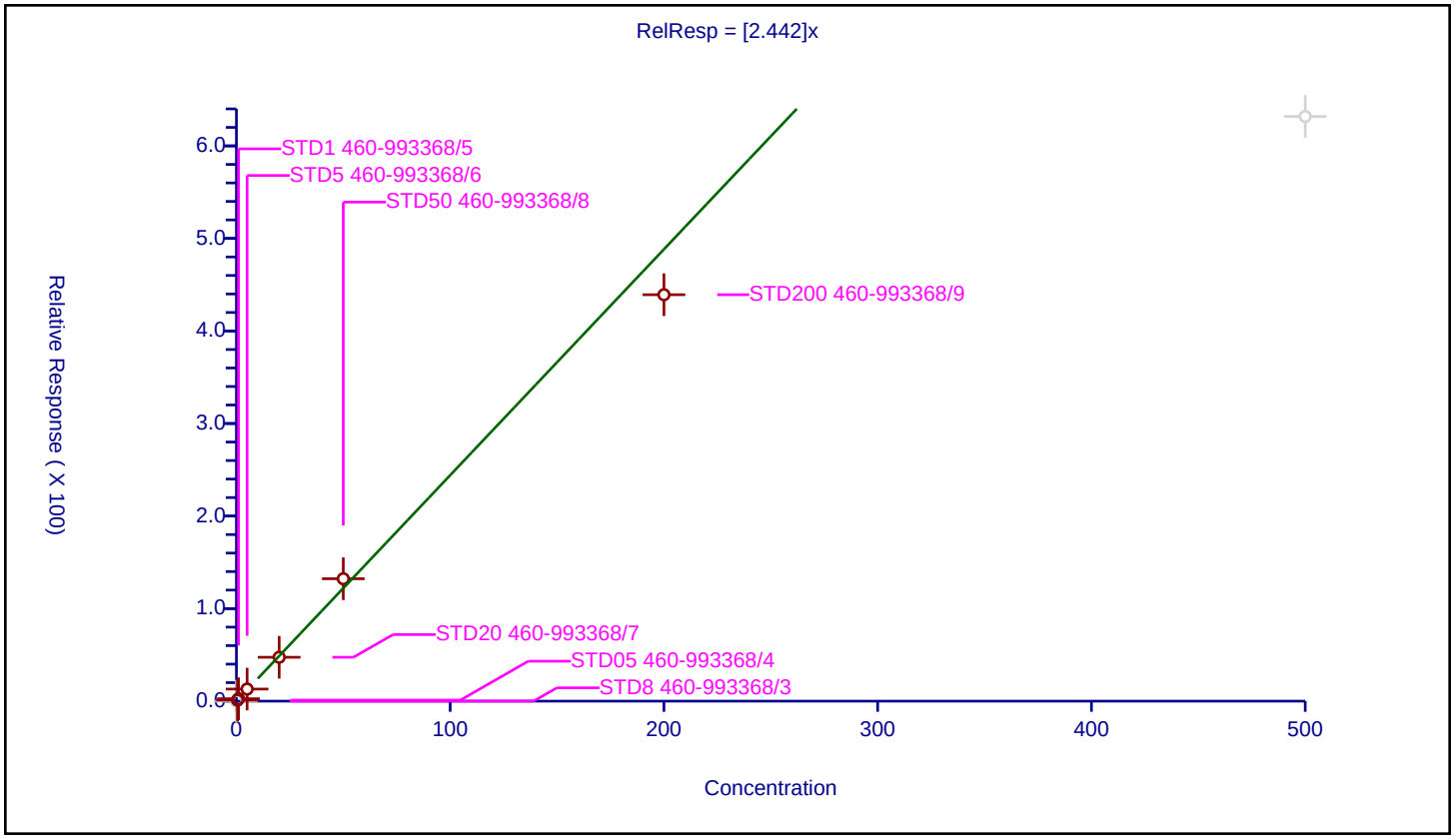
Curve Coefficients

Intercept:	0
Slope:	2.442

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.112184	50.0	296084.0	2.224369	Y
3	STD1 460-993368/5	1.0	2.601008	50.0	294482.0	2.601008	Y
4	STD5 460-993368/6	5.0	13.062512	50.0	301749.0	2.612502	Y
5	STD20 460-993368/7	20.0	47.403773	50.0	297836.0	2.370189	Y
6	STD50 460-993368/8	50.0	132.258415	50.0	308318.0	2.645168	Y
7	STD200 460-993368/9	200.0	439.180241	50.0	322863.0	2.195901	Y
8	STD500 460-993368/10	500.0	631.823433	50.0	330651.0	1.263647	N



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

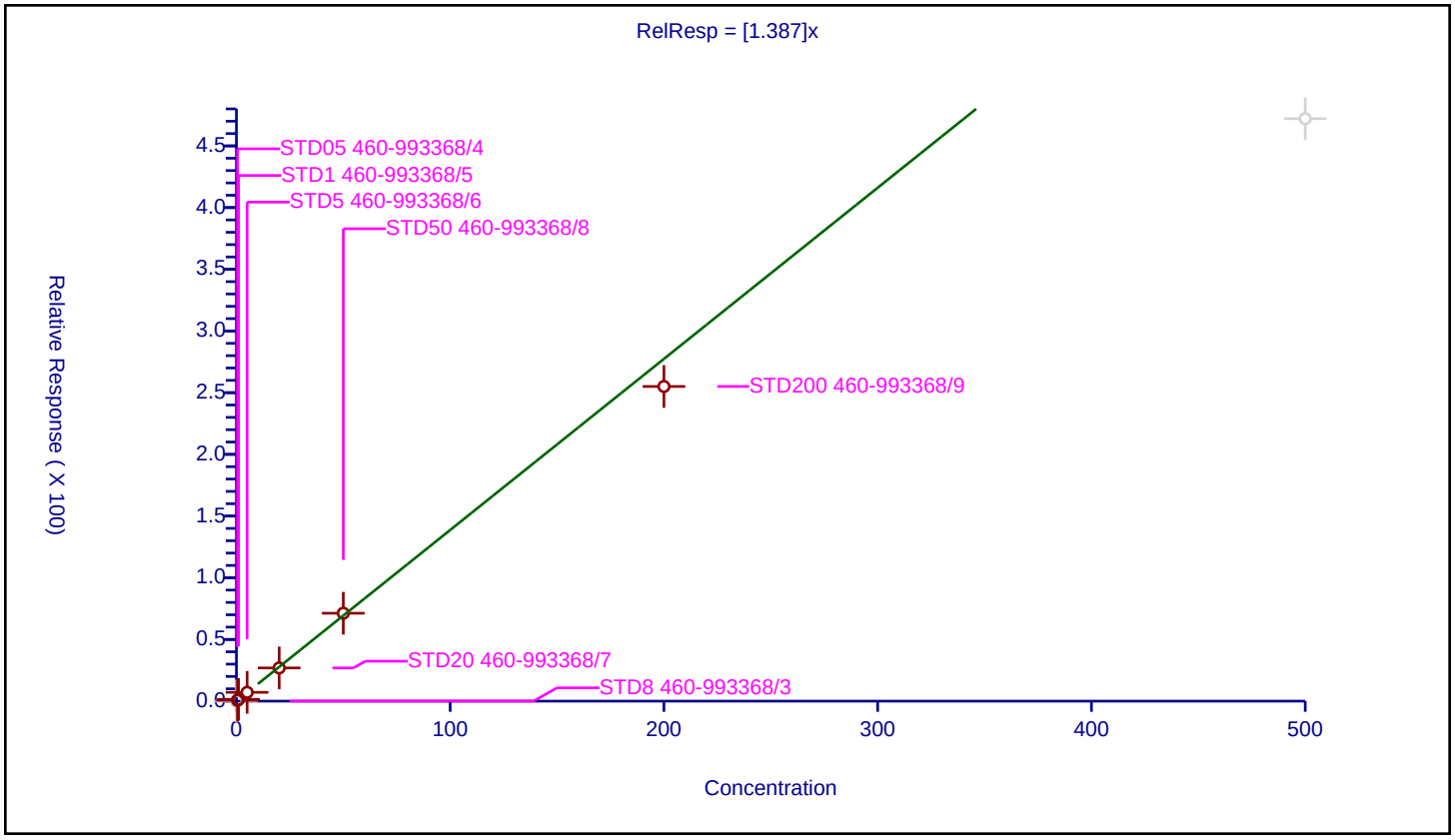
Curve Coefficients

Intercept:	0
Slope:	1.387

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.706894	50.0	296084.0	1.413788	Y
3	STD1 460-993368/5	1.0	1.43727	50.0	294482.0	1.43727	Y
4	STD5 460-993368/6	5.0	7.129104	50.0	301749.0	1.425821	Y
5	STD20 460-993368/7	20.0	26.897017	50.0	297836.0	1.344851	Y
6	STD50 460-993368/8	50.0	71.244138	50.0	308318.0	1.424883	Y
7	STD200 460-993368/9	200.0	255.033404	50.0	322863.0	1.275167	Y
8	STD500 460-993368/10	500.0	472.052708	50.0	330651.0	0.944105	N



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

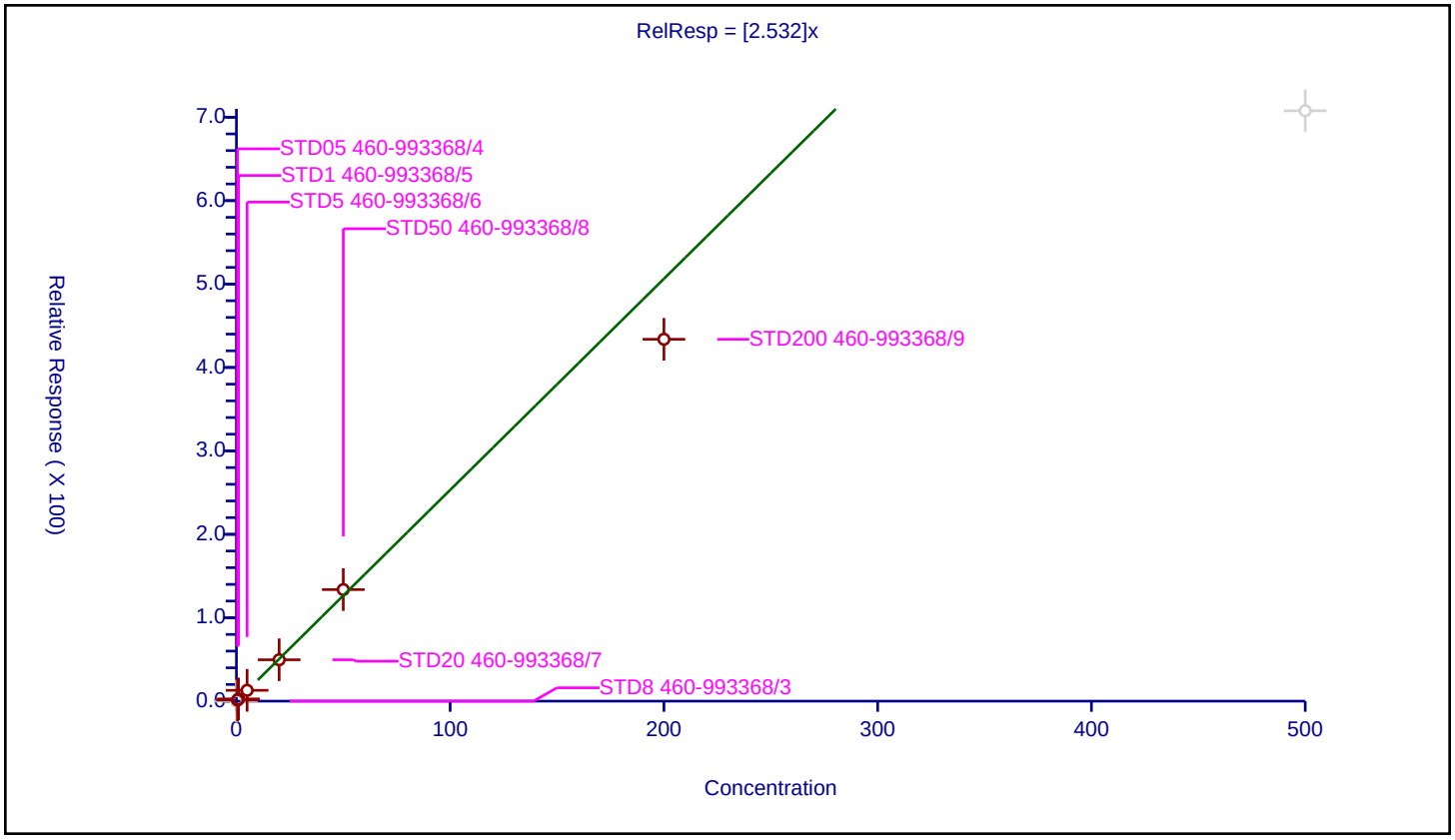
Curve Coefficients

Intercept:	0
Slope:	2.532

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.298111	50.0	296084.0	2.596223	Y
3	STD1 460-993368/5	1.0	2.678941	50.0	294482.0	2.678941	Y
4	STD5 460-993368/6	5.0	12.963755	50.0	301749.0	2.592751	Y
5	STD20 460-993368/7	20.0	49.591554	50.0	297836.0	2.479578	Y
6	STD50 460-993368/8	50.0	133.727839	50.0	308318.0	2.674557	Y
7	STD200 460-993368/9	200.0	433.814652	50.0	322863.0	2.169073	Y
8	STD500 460-993368/10	500.0	707.722947	50.0	330651.0	1.415446	N



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

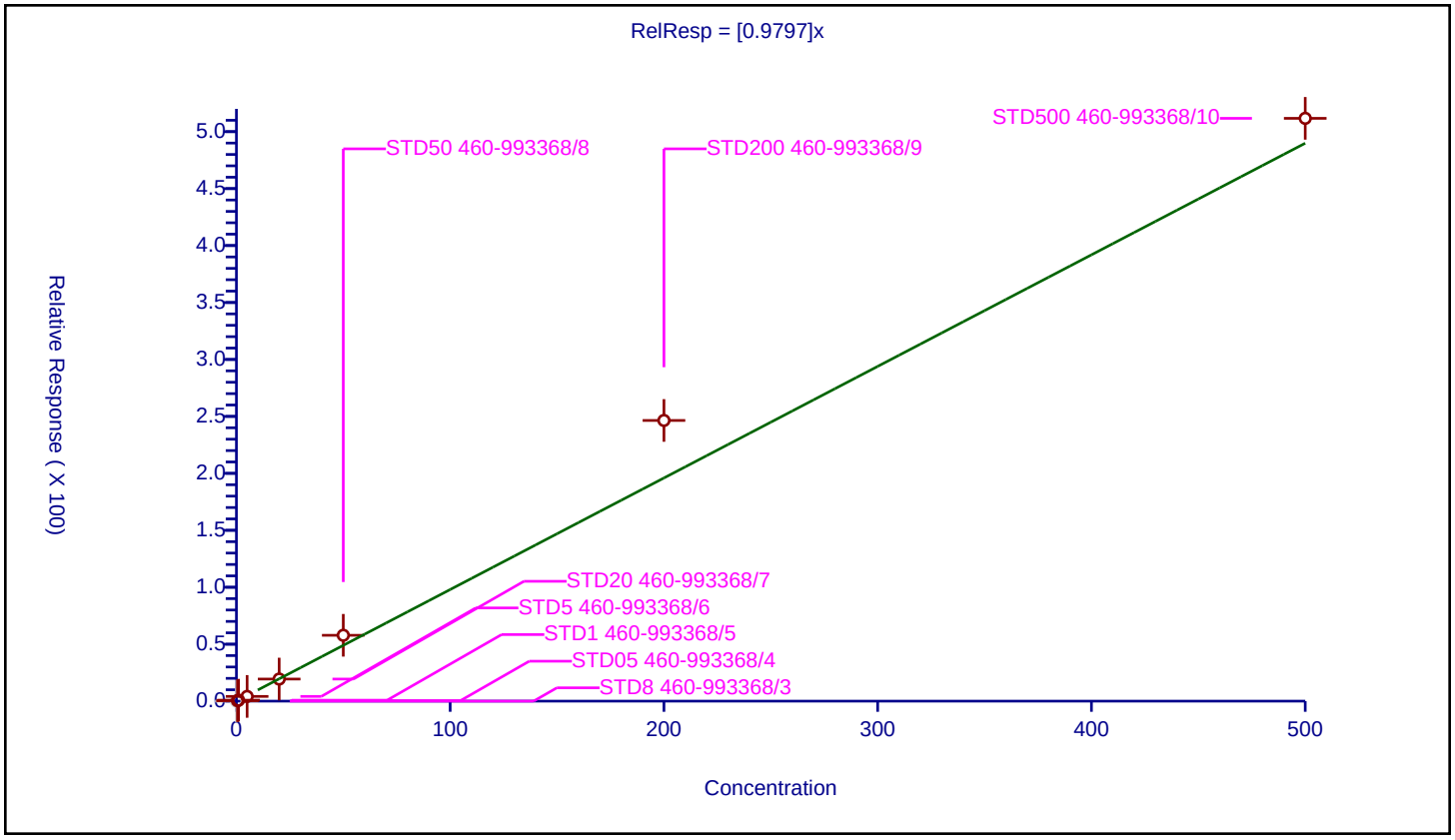
Curve Coefficients

Intercept:	0
Slope:	0.9797

Error Coefficients

Relative Standard Deviation:	17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.407823	50.0	296084.0	0.815647	Y
3	STD1 460-993368/5	1.0	0.83146	50.0	294482.0	0.83146	Y
4	STD5 460-993368/6	5.0	4.144836	50.0	301749.0	0.828967	Y
5	STD20 460-993368/7	20.0	19.394566	50.0	297836.0	0.969728	Y
6	STD50 460-993368/8	50.0	57.825849	50.0	308318.0	1.156517	Y
7	STD200 460-993368/9	200.0	246.434246	50.0	322863.0	1.232171	Y
8	STD500 460-993368/10	500.0	511.689969	50.0	330651.0	1.02338	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

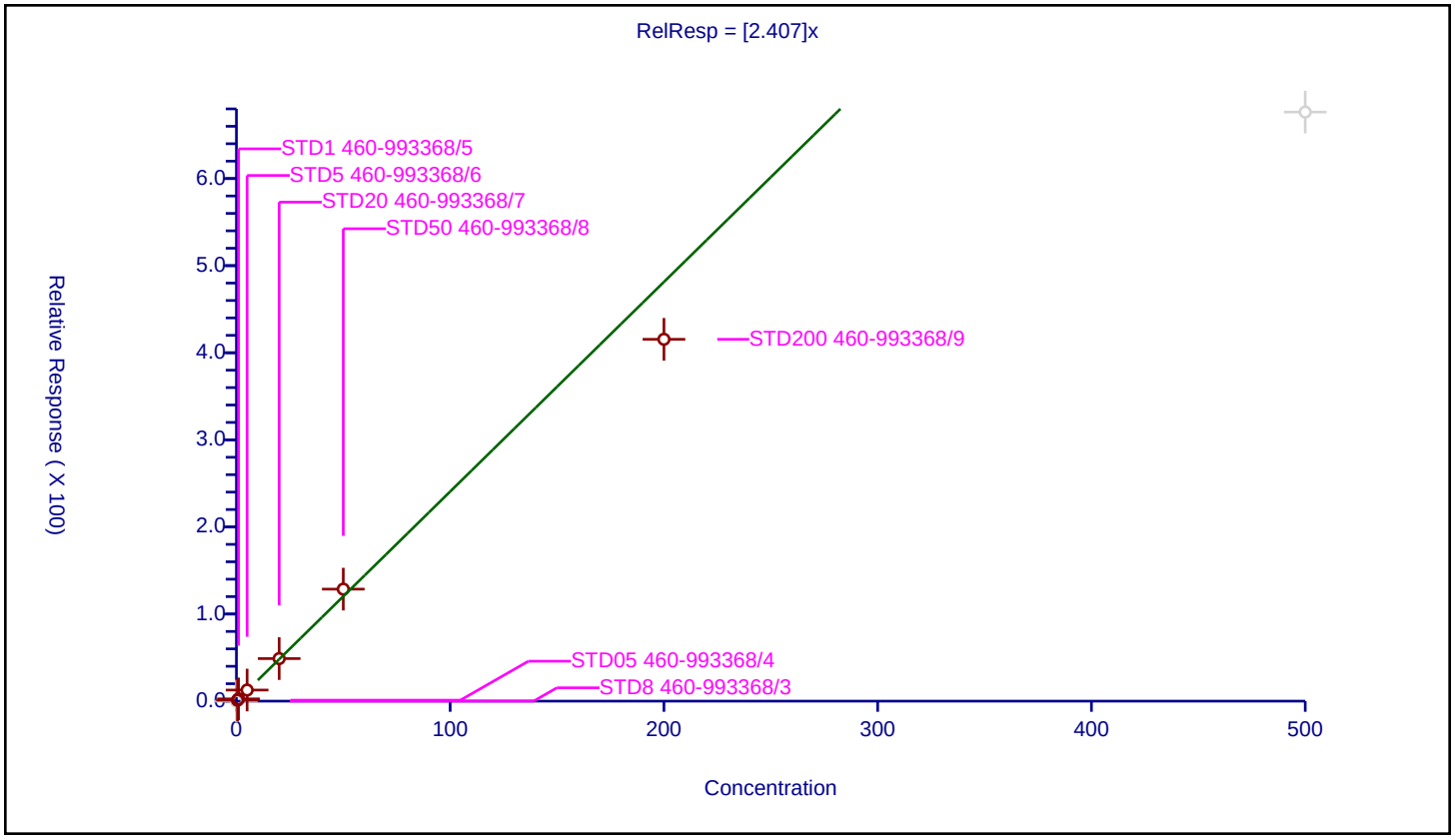
Curve Coefficients

Intercept:	0
Slope:	2.407

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.111678	50.0	296084.0	2.223356	Y
3	STD1 460-993368/5	1.0	2.574521	50.0	294482.0	2.574521	Y
4	STD5 460-993368/6	5.0	12.748178	50.0	301749.0	2.549636	Y
5	STD20 460-993368/7	20.0	48.841812	50.0	297836.0	2.442091	Y
6	STD50 460-993368/8	50.0	128.620126	50.0	308318.0	2.572403	Y
7	STD200 460-993368/9	200.0	415.444631	50.0	322863.0	2.077223	Y
8	STD500 460-993368/10	500.0	676.345301	50.0	330651.0	1.352691	N



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

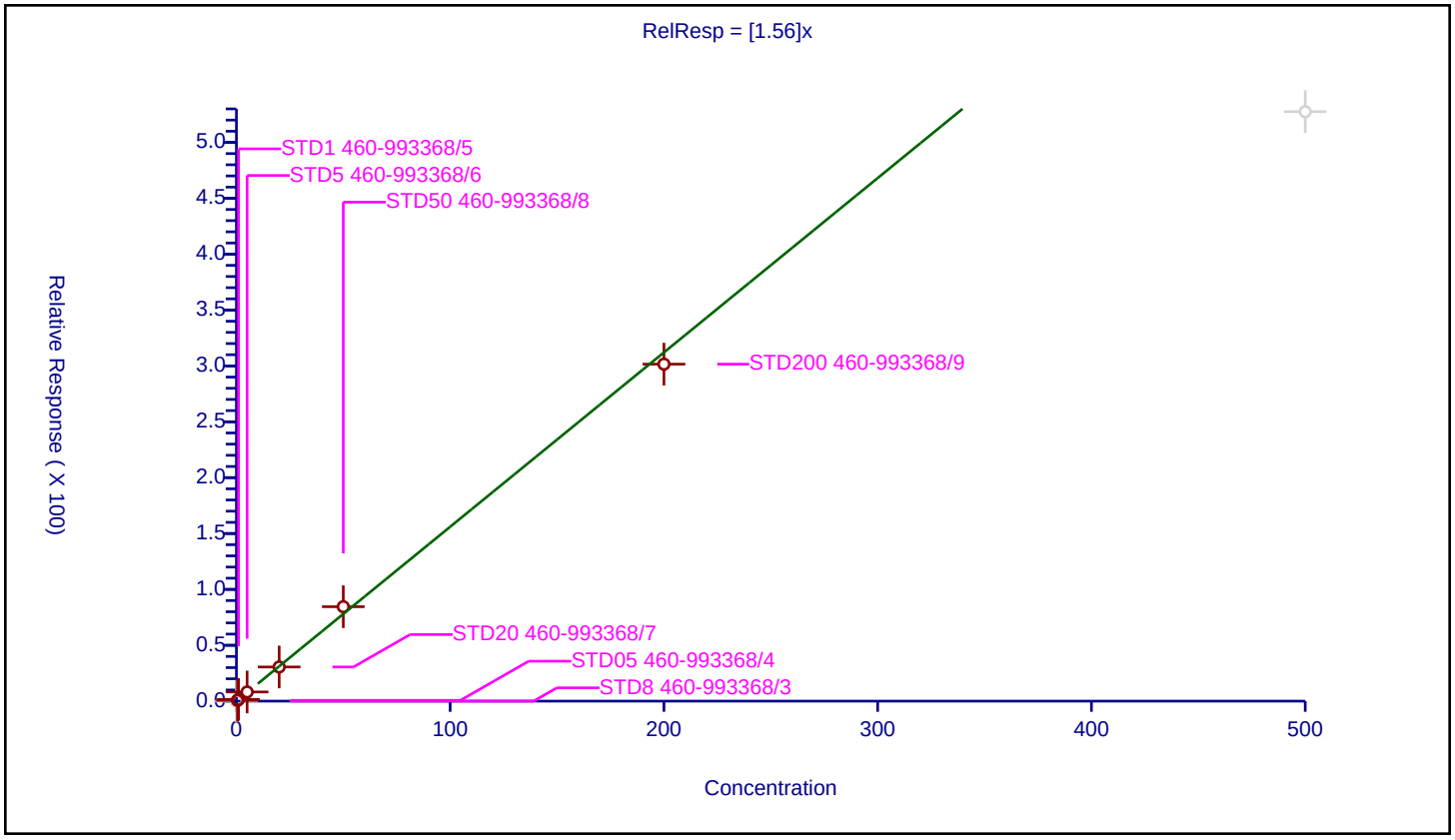
Curve Coefficients

Intercept:	0
Slope:	1.56

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.71044	50.0	296084.0	1.420881	Y
3	STD1 460-993368/5	1.0	1.571573	50.0	294482.0	1.571573	Y
4	STD5 460-993368/6	5.0	8.216929	50.0	301749.0	1.643386	Y
5	STD20 460-993368/7	20.0	30.56615	50.0	297836.0	1.528308	Y
6	STD50 460-993368/8	50.0	84.50804	50.0	308318.0	1.690161	Y
7	STD200 460-993368/9	200.0	301.57683	50.0	322863.0	1.507884	Y
8	STD500 460-993368/10	500.0	527.503319	50.0	330651.0	1.055007	N



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

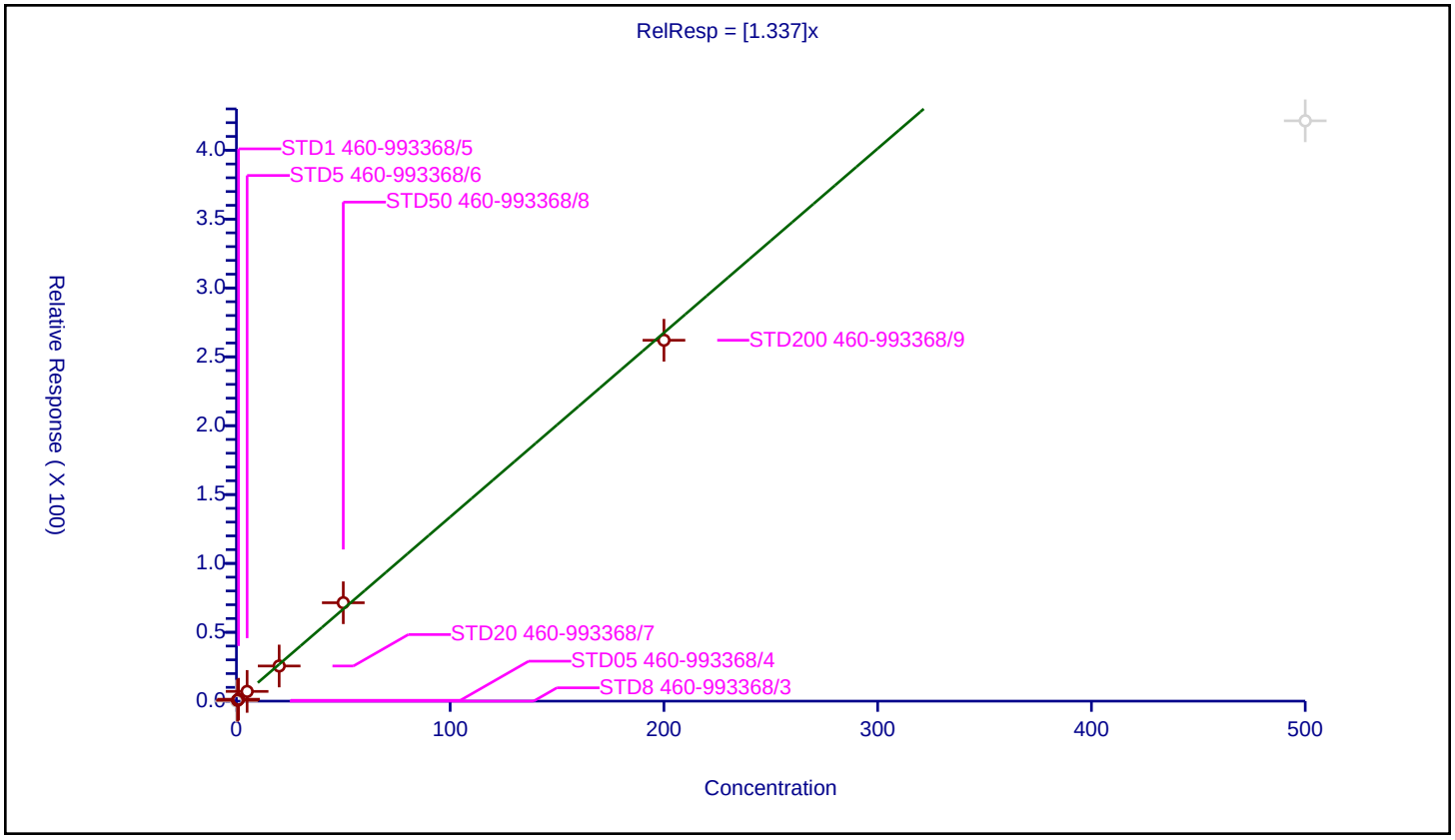
Curve Coefficients

Intercept:	0
Slope:	1.337

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.60422	50.0	296084.0	1.208441	Y
3	STD1 460-993368/5	1.0	1.38837	50.0	294482.0	1.38837	Y
4	STD5 460-993368/6	5.0	7.059013	50.0	301749.0	1.411803	Y
5	STD20 460-993368/7	20.0	25.521428	50.0	297836.0	1.276071	Y
6	STD50 460-993368/8	50.0	71.44831	50.0	308318.0	1.428966	Y
7	STD200 460-993368/9	200.0	262.042105	50.0	322863.0	1.310211	Y
8	STD500 460-993368/10	500.0	421.353028	50.0	330651.0	0.842706	N



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

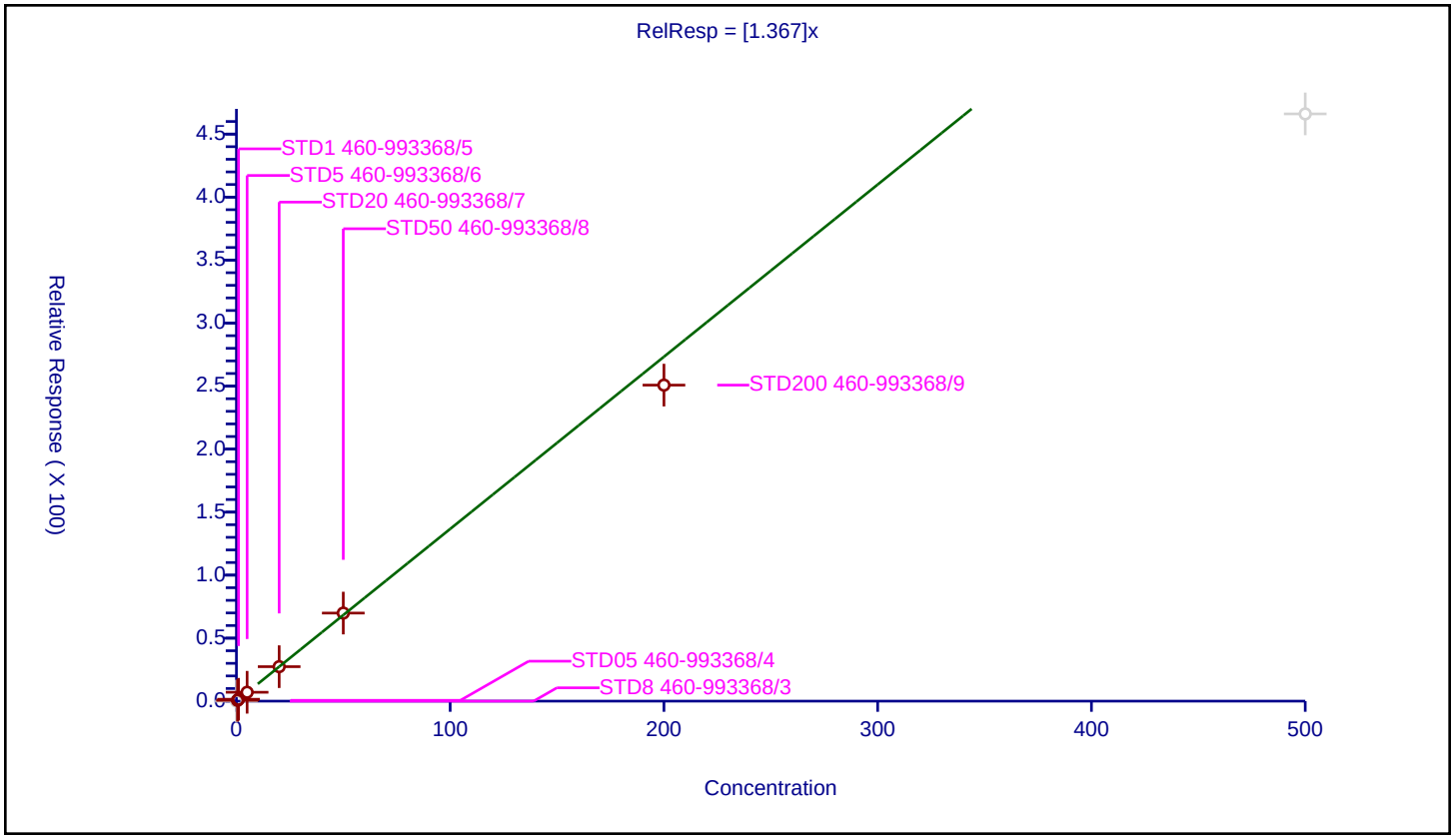
Curve Coefficients

Intercept:	0
Slope:	1.367

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.637995	50.0	296084.0	1.275989	Y
3	STD1 460-993368/5	1.0	1.495338	50.0	294482.0	1.495338	Y
4	STD5 460-993368/6	5.0	7.041448	50.0	301749.0	1.40829	Y
5	STD20 460-993368/7	20.0	27.360192	50.0	297836.0	1.36801	Y
6	STD50 460-993368/8	50.0	69.877043	50.0	308318.0	1.397541	Y
7	STD200 460-993368/9	200.0	250.791667	50.0	322863.0	1.253958	Y
8	STD500 460-993368/10	500.0	466.016737	50.0	330651.0	0.932033	N



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

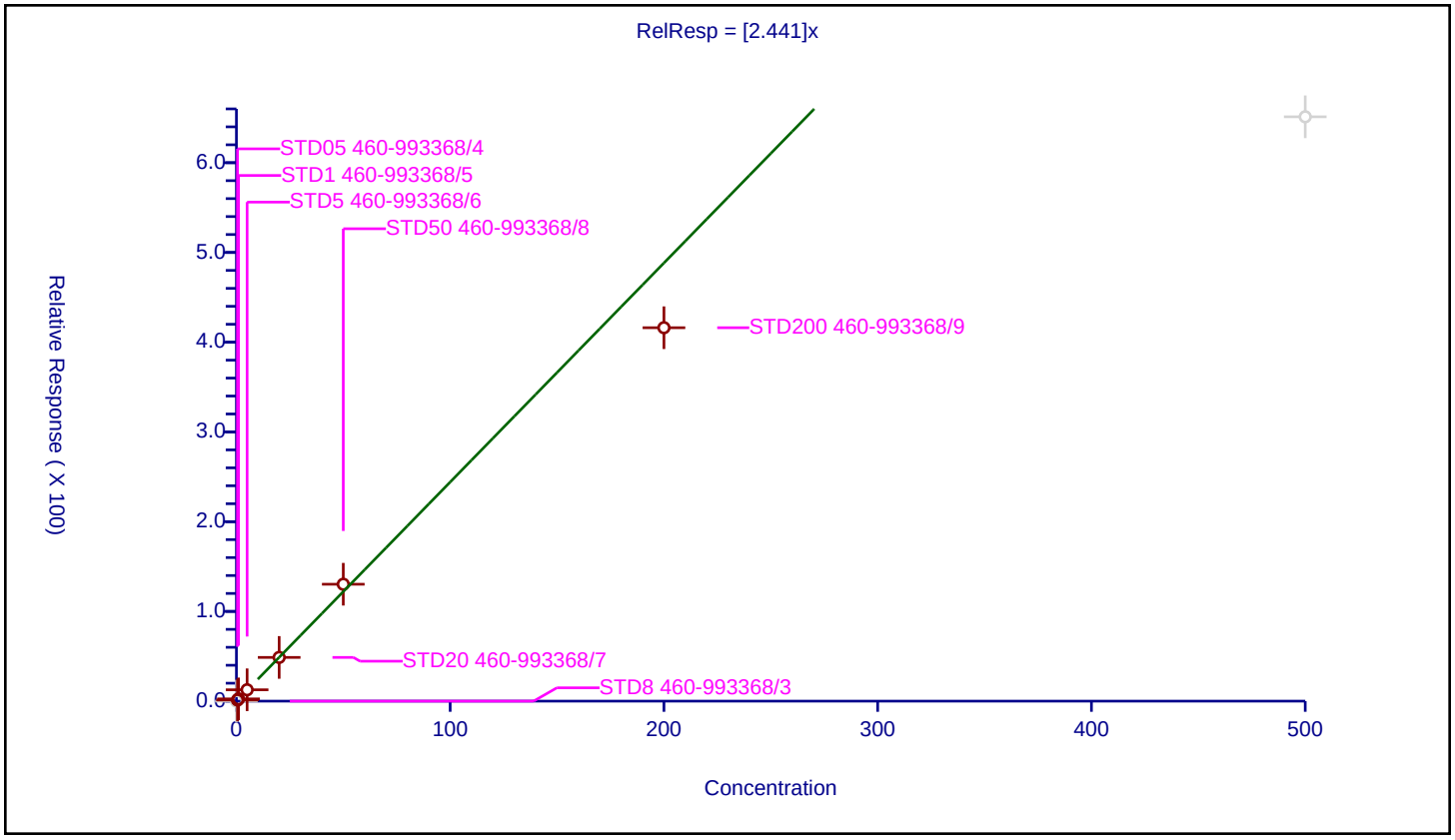
Curve Coefficients

Intercept:	0
Slope:	2.441

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.249476	50.0	296084.0	2.498953	Y
3	STD1 460-993368/5	1.0	2.496248	50.0	294482.0	2.496248	Y
4	STD5 460-993368/6	5.0	12.653894	50.0	301749.0	2.530779	Y
5	STD20 460-993368/7	20.0	48.730006	50.0	297836.0	2.4365	Y
6	STD50 460-993368/8	50.0	130.27037	50.0	308318.0	2.605407	Y
7	STD200 460-993368/9	200.0	416.152052	50.0	322863.0	2.08076	Y
8	STD500 460-993368/10	500.0	651.192798	50.0	330651.0	1.302386	N



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

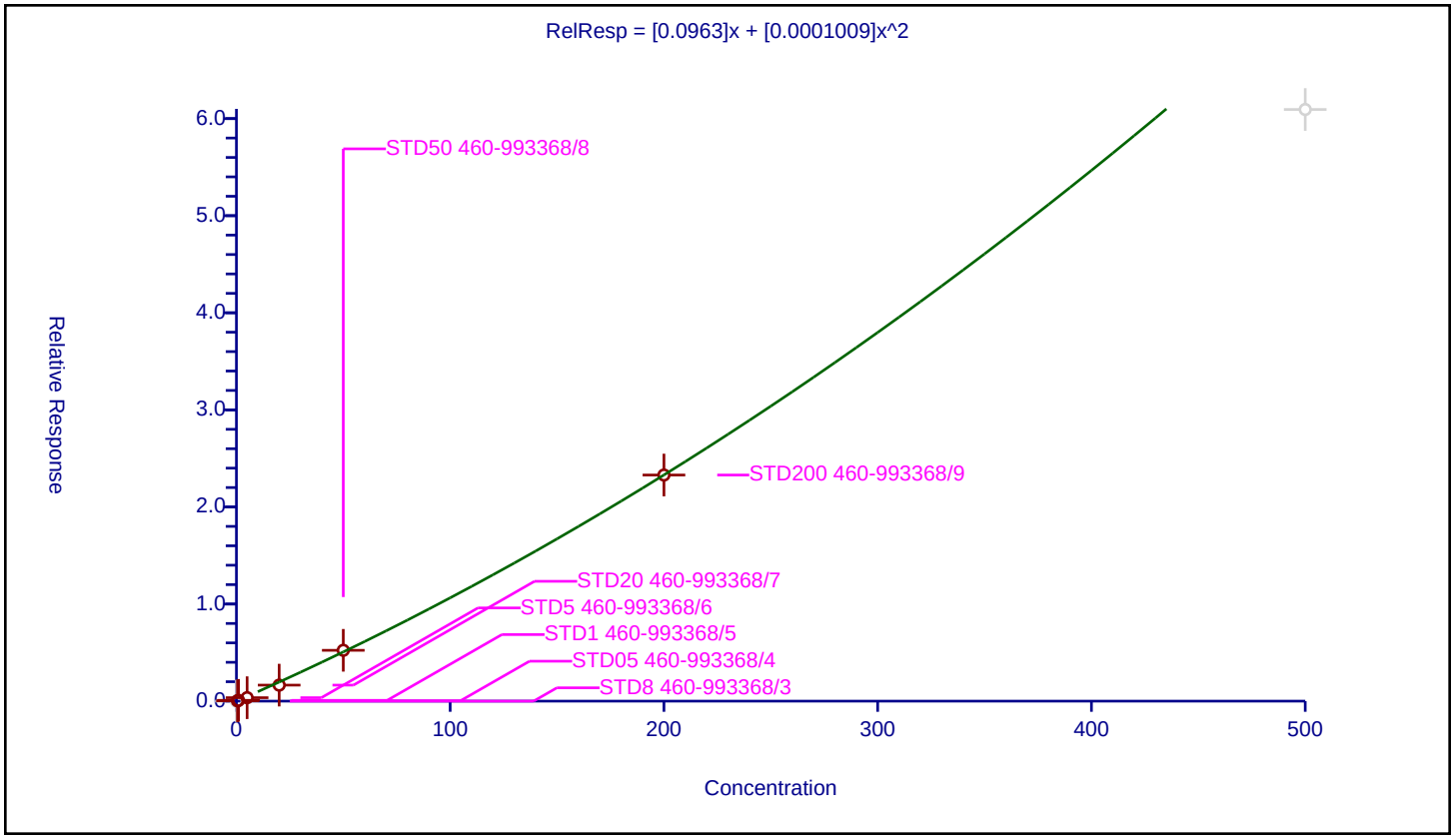
Curve Coefficients

Intercept:	0
Slope:	0.0963
Second Order:	0.0001009

Error Coefficients

Relative Standard Deviation:	23.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.033099	50.0	296084.0	0.066197	Y
3	STD1 460-993368/5	1.0	0.08082	50.0	294482.0	0.08082	Y
4	STD5 460-993368/6	5.0	0.355262	50.0	301749.0	0.071052	Y
5	STD20 460-993368/7	20.0	1.650069	50.0	297836.0	0.082503	Y
6	STD50 460-993368/8	50.0	5.236477	50.0	308318.0	0.10473	Y
7	STD200 460-993368/9	200.0	23.28929	50.0	322863.0	0.116446	Y
8	STD500 460-993368/10	500.0	60.937968	50.0	330651.0	0.121876	N



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

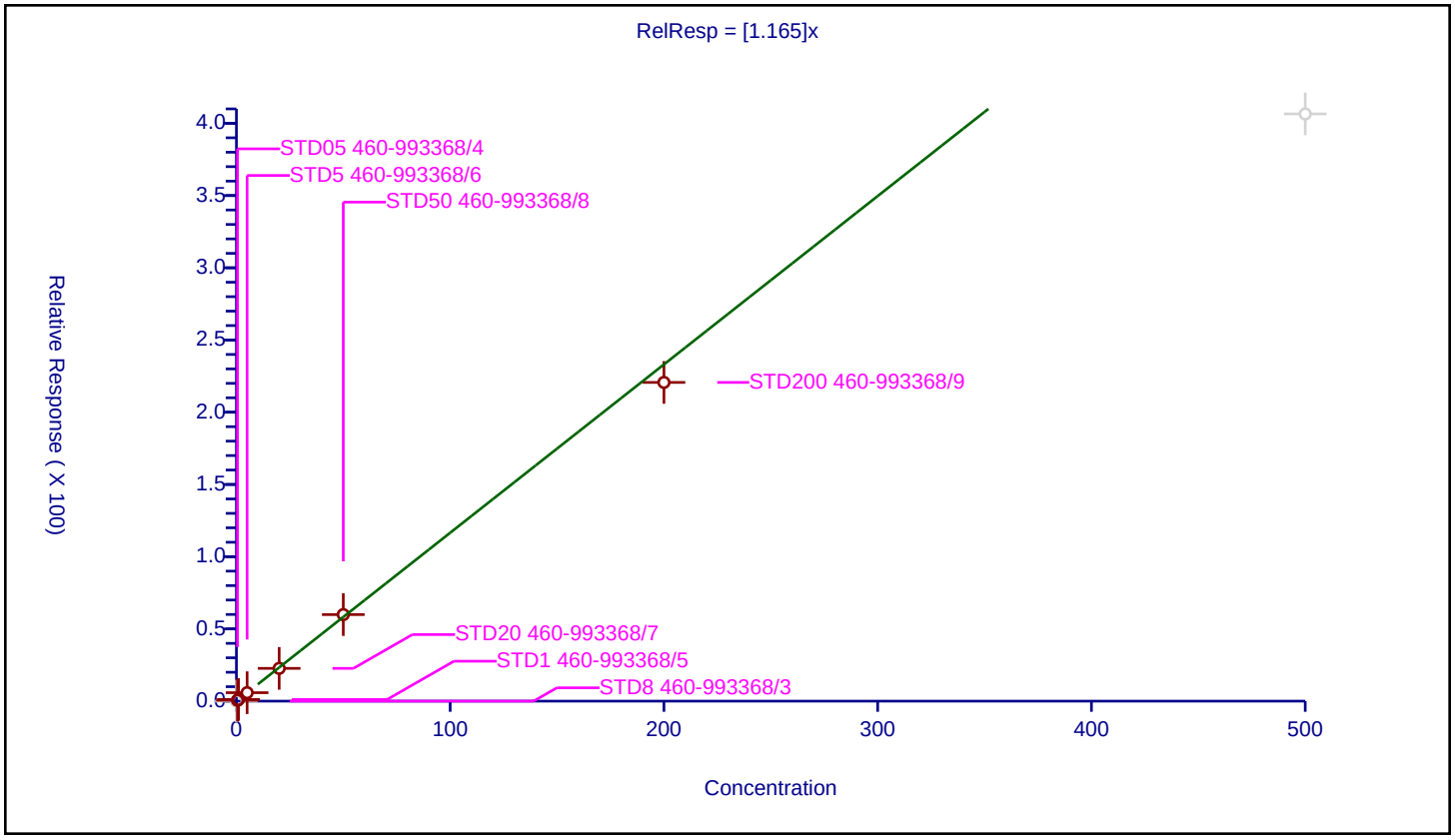
Curve Coefficients

Intercept:	0
Slope:	1.165

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.61621	50.0	296084.0	1.232421	Y
3	STD1 460-993368/5	1.0	1.152023	50.0	294482.0	1.152023	Y
4	STD5 460-993368/6	5.0	5.860997	50.0	301749.0	1.172199	Y
5	STD20 460-993368/7	20.0	22.691851	50.0	297836.0	1.134593	Y
6	STD50 460-993368/8	50.0	59.922061	50.0	308318.0	1.198441	Y
7	STD200 460-993368/9	200.0	220.645754	50.0	322863.0	1.103229	Y
8	STD500 460-993368/10	500.0	406.506861	50.0	330651.0	0.813014	N



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

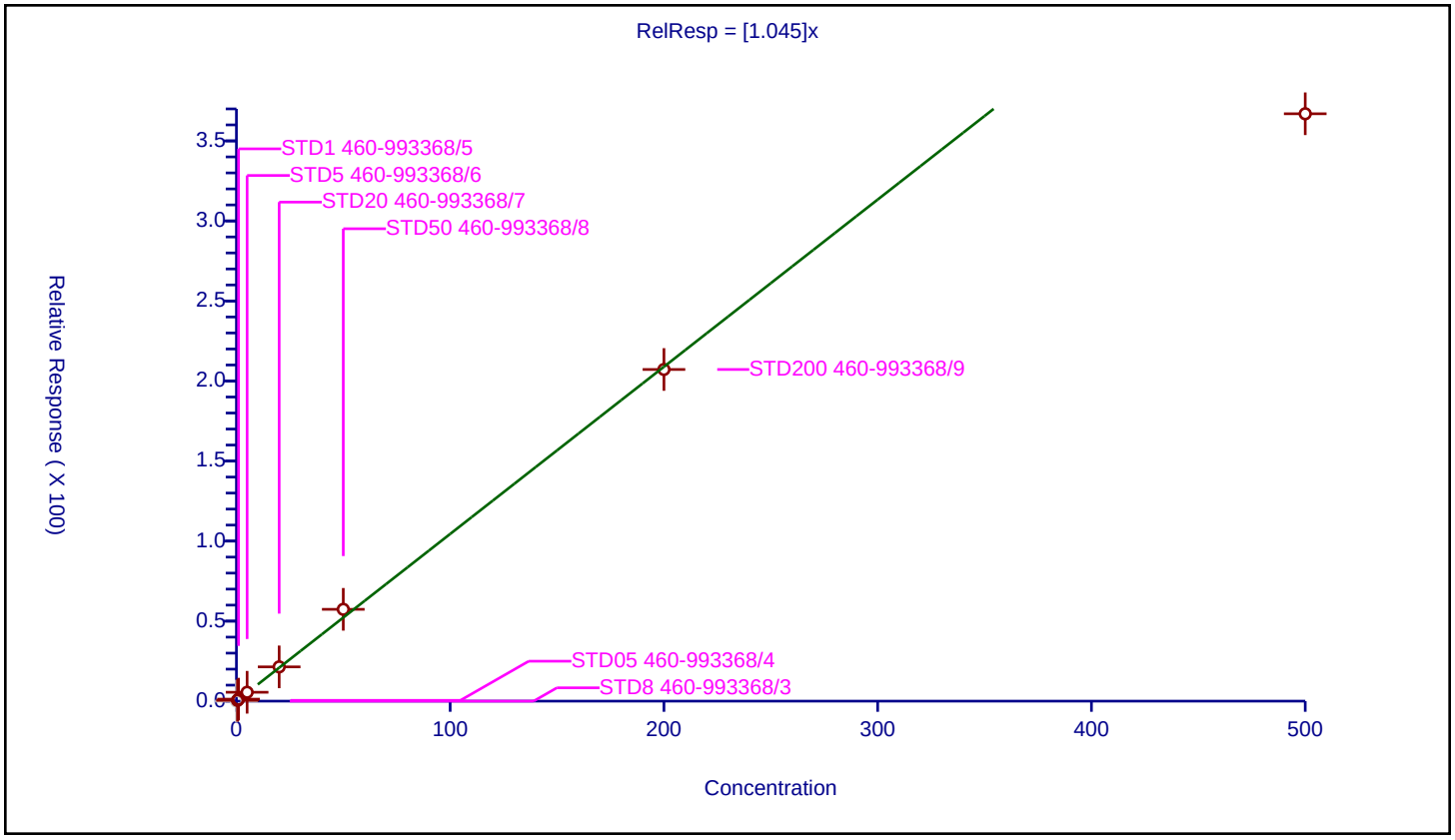
Curve Coefficients

Intercept:	0
Slope:	1.045

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.488544	50.0	296084.0	0.977088	Y
3	STD1 460-993368/5	1.0	1.237936	50.0	294482.0	1.237936	Y
4	STD5 460-993368/6	5.0	5.543349	50.0	301749.0	1.10867	Y
5	STD20 460-993368/7	20.0	21.409937	50.0	297836.0	1.070497	Y
6	STD50 460-993368/8	50.0	57.369502	50.0	308318.0	1.14739	Y
7	STD200 460-993368/9	200.0	207.203984	50.0	322863.0	1.03602	Y
8	STD500 460-993368/10	500.0	366.962749	50.0	330651.0	0.733925	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

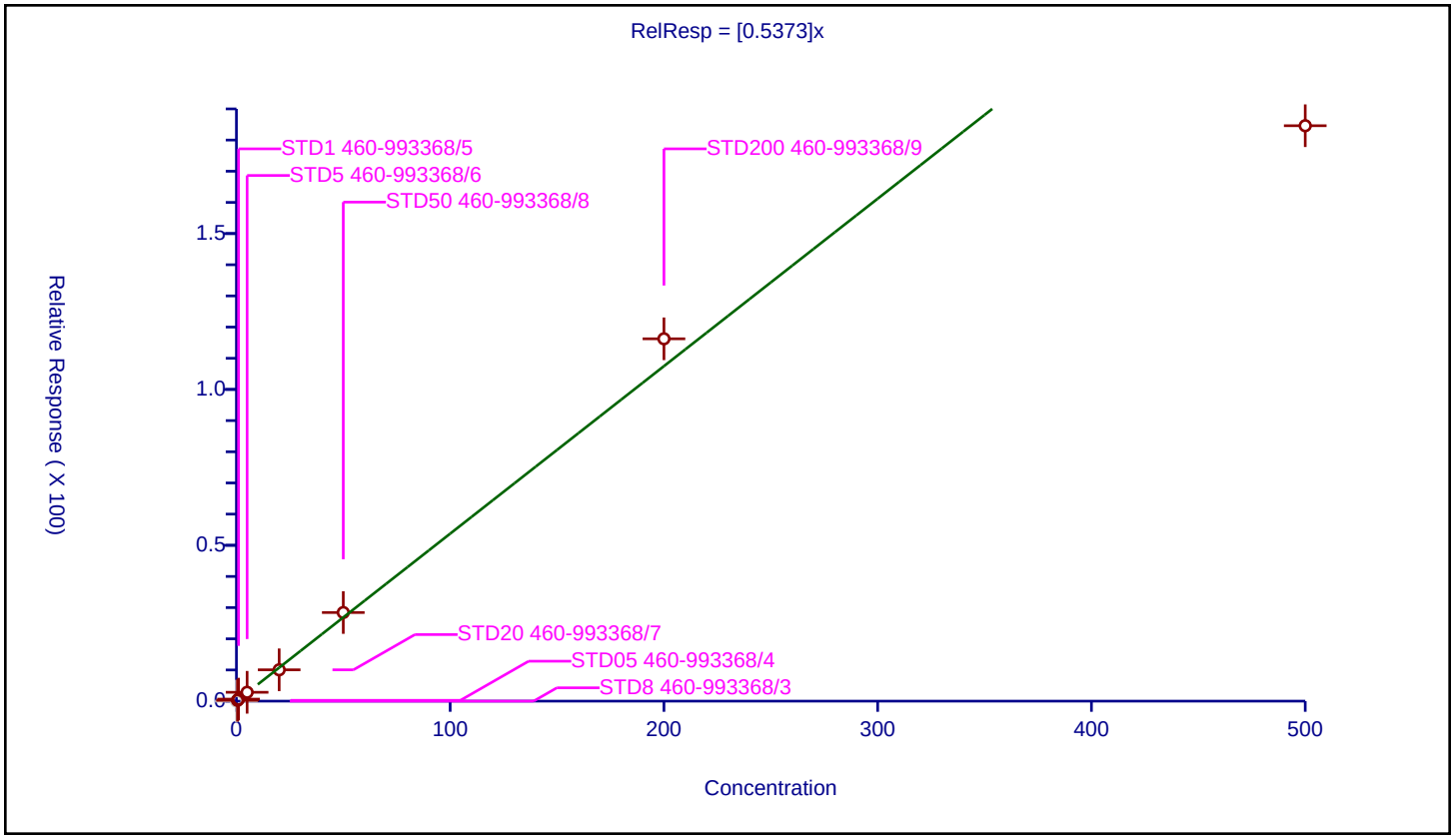
Curve Coefficients

Intercept:	0
Slope:	0.5373

Error Coefficients

Relative Standard Deviation:	16.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.263101	50.0	296084.0	0.526202	Y
3	STD1 460-993368/5	1.0	0.644522	50.0	294482.0	0.644522	Y
4	STD5 460-993368/6	5.0	2.844914	50.0	301749.0	0.568983	Y
5	STD20 460-993368/7	20.0	10.051673	50.0	297836.0	0.502584	Y
6	STD50 460-993368/8	50.0	28.430387	50.0	308318.0	0.568608	Y
7	STD200 460-993368/9	200.0	116.243732	50.0	322863.0	0.581219	Y
8	STD500 460-993368/10	500.0	184.598111	50.0	330651.0	0.369196	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

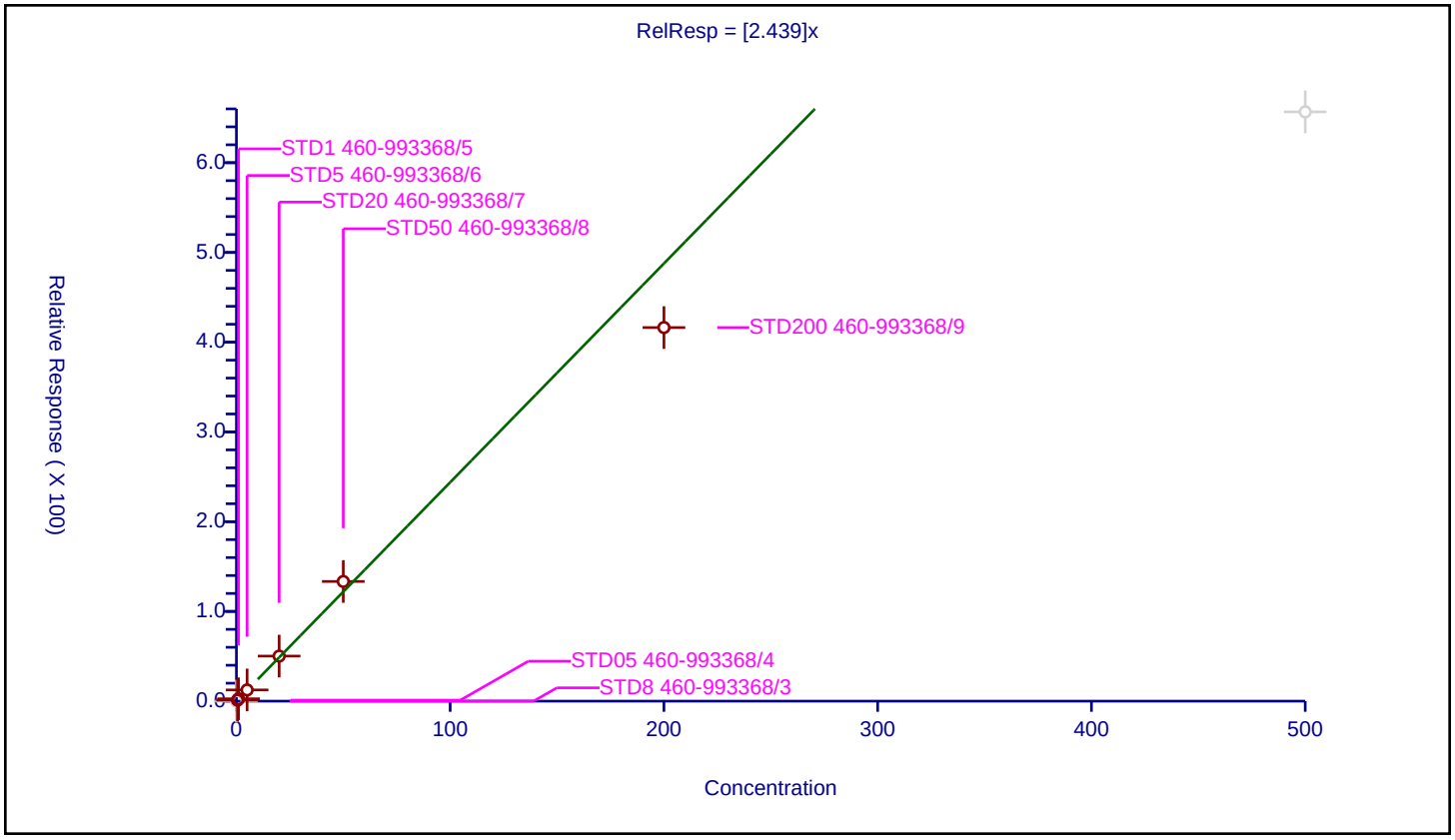
Curve Coefficients

Intercept:	0
Slope:	2.439

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.123668	50.0	296084.0	2.247335	Y
3	STD1 460-993368/5	1.0	2.630381	50.0	294482.0	2.630381	Y
4	STD5 460-993368/6	5.0	12.474109	50.0	301749.0	2.494822	Y
5	STD20 460-993368/7	20.0	50.206657	50.0	297836.0	2.510333	Y
6	STD50 460-993368/8	50.0	133.378363	50.0	308318.0	2.667567	Y
7	STD200 460-993368/9	200.0	416.323332	50.0	322863.0	2.081617	Y
8	STD500 460-993368/10	500.0	656.665034	50.0	330651.0	1.31333	N



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

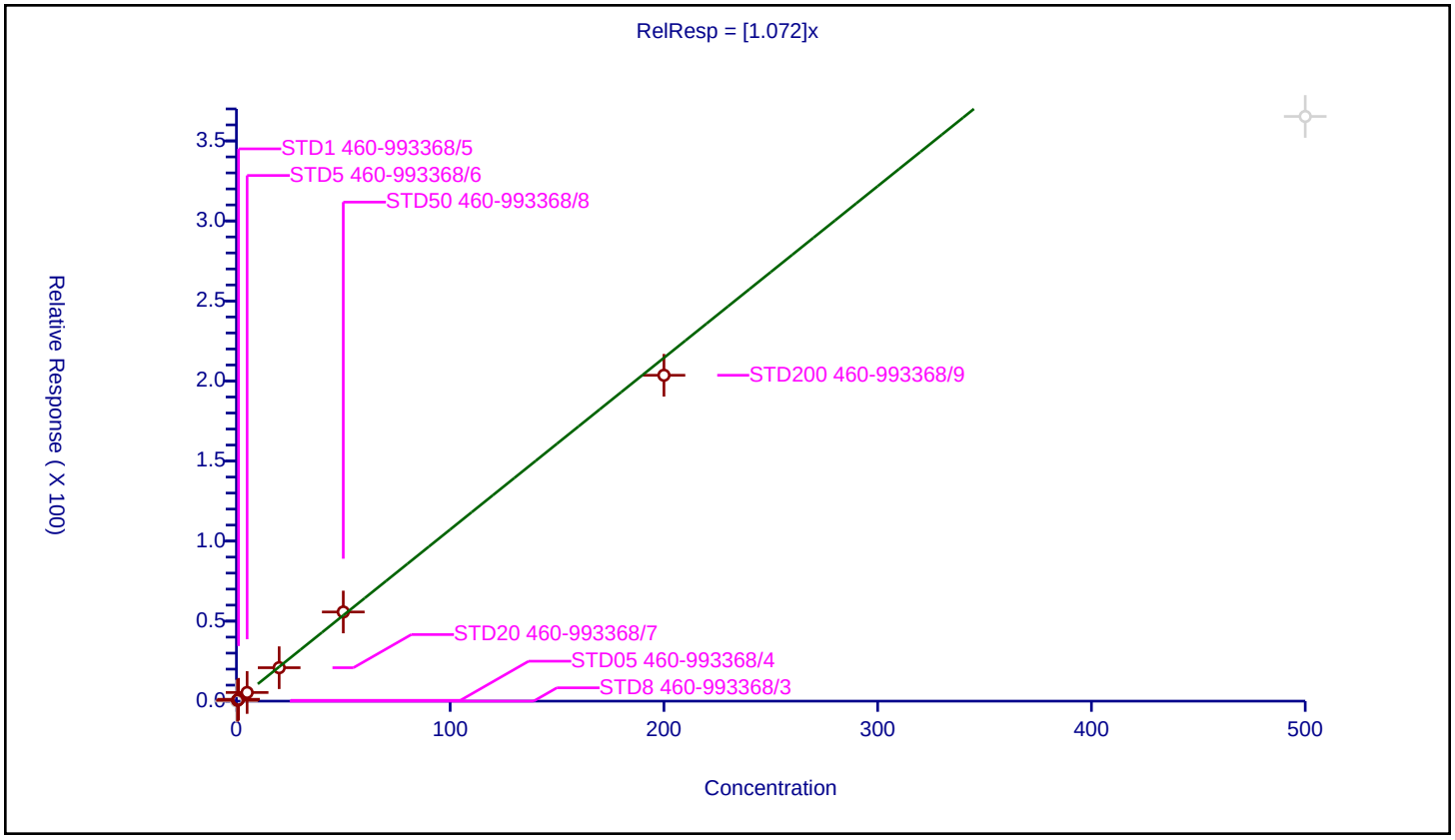
Curve Coefficients

Intercept:	0
Slope:	1.072

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.51455	50.0	296084.0	1.0291	Y
3	STD1 460-993368/5	1.0	1.147948	50.0	294482.0	1.147948	Y
4	STD5 460-993368/6	5.0	5.404823	50.0	301749.0	1.080965	Y
5	STD20 460-993368/7	20.0	20.883976	50.0	297836.0	1.044199	Y
6	STD50 460-993368/8	50.0	55.705797	50.0	308318.0	1.114116	Y
7	STD200 460-993368/9	200.0	203.597191	50.0	322863.0	1.017986	Y
8	STD500 460-993368/10	500.0	365.278496	50.0	330651.0	0.730557	N



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.0220		9.36	20.0	-53.2*	30.0
1,1-Difluoroethane	Ave	0.1265	0.1012		16.0	20.0	-20.0	30.0
Dichlorodifluoromethane	Ave	0.3006	0.2122	0.1000	14.1	20.0	-29.4	30.0
Chlorodifluoromethane	QuaF		0.0280		15.5	20.0	-22.6	30.0
Chloromethane	Ave	0.3602	0.3341	0.1000	18.5	20.0	-7.3	30.0
Vinyl chloride	Ave	0.3161	0.3224	0.1000	20.4	20.0	2.0	30.0
Butadiene	Ave	0.2969	0.2930		19.7	20.0	-1.3	30.0
Bromomethane	Ave	0.2231	0.2356	0.1000	21.1	20.0	5.6	30.0
Chloroethane	Ave	0.2083	0.1828	0.1000	17.5	20.0	-12.3	30.0
Dichlorofluoromethane	Ave	0.5320	0.5270		19.8	20.0	-0.9	30.0
Trichlorofluoromethane	Ave	0.3198	0.2977	0.1000	18.6	20.0	-6.9	30.0
Pentane	QuaF		0.0182		19.5	40.0	-51.3*	30.0
Ethanol	Lin2		0.3873		770	800	-3.7	30.0
Ethyl ether	Lin2		0.1566		20.3	20.0	1.3	30.0
2-Methyl-1,3-butadiene	Ave	0.2078	0.1704		16.4	20.0	-18.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2015	0.1866		18.5	20.0	-7.4	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3554	0.3122		17.6	20.0	-12.2	30.0
Acrolein	Ave	0.0430	0.0312		28.7	39.5	-27.4	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1940	0.1421	0.1000	14.6	20.0	-26.8	30.0
1,1-Dichloroethene	Ave	0.2362	0.2094	0.1000	17.7	20.0	-11.3	30.0
Acetone	Ave	0.7188	0.6620	0.0500	92.1	100	-7.9	30.0
Iodomethane	Ave	0.4063	0.4020		19.8	20.0	-1.1	30.0
Isopropyl alcohol	Ave	4.067	3.807		187	200	-6.4	30.0
Carbon disulfide	Ave	0.8445	0.7337	0.1000	17.4	20.0	-13.1	30.0
3-Chloro-1-propene	Ave	0.1606	0.1659		20.7	20.0	3.3	30.0
Methyl acetate	Ave	0.1987	0.2032	0.1000	40.9	40.0	2.3	30.0
Cyclopentene	Ave	0.4960	0.3905		15.7	20.0	-21.3	30.0
Acetonitrile	Ave	0.3112	0.2211		142	200	-29.0	30.0
Methylene Chloride	Ave	0.2927	0.2904	0.1000	19.8	20.0	-0.8	30.0
2-Methyl-2-propanol	Ave	6.505	6.231		192	200	-4.2	30.0
Methyl tert-butyl ether	Ave	0.7287	0.7343	0.1000	20.2	20.0	0.8	30.0
trans-1,2-Dichloroethene	Ave	0.2540	0.2594	0.1000	20.4	20.0	2.1	30.0
Acrylonitrile	Ave	0.0983	0.1065		217	200	8.4	30.0
Hexane	Ave	0.2656	0.1840		13.9	20.0	-30.7*	30.0
Isopropyl ether	Ave	0.8766	0.9168		20.9	20.0	4.6	30.0
1,1-Dichloroethane	Ave	0.4711	0.4875	0.2000	20.7	20.0	3.5	30.0
Vinyl acetate	Ave	0.3451	0.4628		53.6	40.0	34.1*	30.0
2-Chloro-1,3-butadiene	Ave	0.2130	0.2224		20.9	20.0	4.4	30.0
Tert-butyl ethyl ether	Ave	0.7812	0.8195		21.0	20.0	4.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.0723	0.0867		24.0	20.0	19.9	30.0
cis-1,2-Dichloroethene	Ave	0.2875	0.2915	0.1000	20.3	20.0	1.4	30.0
2-Butanone (MEK)	Ave	0.2625	0.2531	0.0500	96.4	100	-3.6	30.0
Ethyl acetate	Ave	0.2301	0.2460		42.8	40.0	6.9	30.0
Methyl acrylate	Ave	0.2101	0.2256		21.5	20.0	7.4	30.0
Propionitrile	Ave	11.46	10.84		189	200	-5.3	30.0
Chlorobromomethane	Ave	0.1405	0.1383		19.7	20.0	-1.6	30.0
Tetrahydrofuran	Ave	0.3152	0.3139		39.8	40.0	-0.4	30.0
Methacrylonitrile	Ave	0.0993	0.1090		220	200	9.8	30.0
Chloroform	Ave	0.4194	0.4303	0.2000	20.5	20.0	2.6	30.0
Cyclohexane	Ave	0.3244	0.2553	0.1000	15.7	20.0	-21.3	30.0
1,1,1-Trichloroethane	Ave	0.3093	0.3273	0.1000	21.2	20.0	5.8	30.0
Carbon tetrachloride	Ave	0.2043	0.2162	0.1000	21.2	20.0	5.8	30.0
1,1-Dichloropropene	Ave	0.3177	0.3146		19.8	20.0	-1.0	30.0
Isobutyl alcohol	Ave	2.174	2.591		596	500	19.2	30.0
Isooctane	Ave	0.7470	0.5499		14.7	20.0	-26.4	30.0
Benzene	Ave	1.461	1.482	0.5000	20.3	20.0	1.4	30.0
Isopropyl acetate	Ave	0.1306	0.1403		21.5	20.0	7.4	30.0
Tert-amyl methyl ether	Ave	0.7929	0.8103		20.4	20.0	2.2	30.0
1,2-Dichloroethane	Ave	0.3263	0.3107	0.1000	19.0	20.0	-4.8	30.0
n-Heptane	Ave	0.0441	0.0329		14.9	20.0	-25.5	30.0
n-Butanol	Ave	1.455	1.549		532	500	6.4	30.0
Trichloroethene	Ave	0.2372	0.2468	0.2000	20.8	20.0	4.0	30.0
Ethyl acrylate	QuaF		0.0301		15.4	20.0	-22.9	30.0
Methylcyclohexane	Ave	0.3708	0.2864	0.1000	15.4	20.0	-22.8	30.0
1,2-Dichloropropane	Ave	0.2654	0.2785	0.1000	21.0	20.0	5.0	30.0
Methyl methacrylate	Ave	0.0558	0.0611		43.8	40.0	9.6	30.0
1,4-Dioxane	Ave	1.087	1.169		430	400	7.6	30.0
Dibromomethane	Ave	0.1525	0.1597		20.9	20.0	4.7	30.0
n-Propyl acetate	Ave	0.3434	0.3363		19.6	20.0	-2.1	30.0
Dichlorobromomethane	Ave	0.2749	0.2893	0.2000	21.1	20.0	5.3	30.0
2-Nitropropane	QuaF		0.0293		36.6	40.0	-8.5	30.0
2-Chloroethyl vinyl ether	Ave	0.1646	0.1642		20.0	20.0	-0.2	30.0
Epichlorohydrin	Ave	0.2121	0.2420		22.8	20.0	14.1	30.0
cis-1,3-Dichloropropene	Ave	0.5312	0.5392	0.2000	20.3	20.0	1.5	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.8755	0.9246	0.0500	106	100	5.6	30.0
Toluene	Ave	1.570	1.494	0.4000	19.0	20.0	-4.9	30.0
trans-1,3-Dichloropropene	Ave	0.4470	0.5062	0.1000	22.6	20.0	13.2	30.0
Ethyl methacrylate	QuaF		0.4389		18.8	20.0	-5.8	30.0
1,1,2-Trichloroethane	Ave	0.2577	0.2745	0.1000	21.3	20.0	6.5	30.0
Tetrachloroethene	Ave	0.3289	0.3425	0.2000	20.8	20.0	4.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.5184	0.5519		21.3	20.0	6.5	30.0
2-Hexanone	Ave	1.396	1.480	0.0500	106	100	6.0	30.0
n-Butyl acetate	Ave	0.4716	0.5334		22.6	20.0	13.1	30.0
Chlorodibromomethane	Ave	0.2453	0.2713	0.1000	22.1	20.0	10.6	30.0
Ethylene Dibromide	Ave	0.2890	0.3053	0.1000	21.1	20.0	5.6	30.0
Chlorobenzene	Ave	0.9125	0.9679	0.5000	21.2	20.0	6.1	30.0
Ethylbenzene	Ave	0.4930	0.5306	0.1000	21.5	20.0	7.6	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2656	0.2848		21.4	20.0	7.2	30.0
m-Xylene & p-Xylene	Ave	0.5904	0.6420	0.1000	21.7	20.0	8.7	30.0
o-Xylene	Ave	0.6027	0.6744	0.3000	22.4	20.0	11.9	30.0
n-Butyl acrylate	Ave	0.2000	0.2598		26.0	20.0	29.9	30.0
Styrene	Ave	0.9541	1.079	0.3000	22.6	20.0	13.1	30.0
Bromoform	Qua2		0.1614	0.1000	22.9	20.0	14.4	30.0
Amyl acetate (mixed isomers)	QuaF		1.159		17.9	20.0	-10.6	30.0
Isopropylbenzene	Ave	1.370	1.645	0.1000	24.0	20.0	20.1	30.0
Bromobenzene	Ave	0.7116	0.7634		21.5	20.0	7.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6869	0.7844	0.3000	22.8	20.0	14.2	30.0
N-Propylbenzene	Ave	3.228	3.658		22.7	20.0	13.3	30.0
1,2,3-Trichloropropane	Ave	0.1961	0.2098		21.4	20.0	7.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1589	0.1770		22.3	20.0	11.4	30.0
2-Chlorotoluene	Ave	2.266	2.477		21.9	20.0	9.3	30.0
4-Ethyltoluene	Ave	2.704	2.959		21.9	20.0	9.4	30.0
1,3,5-Trimethylbenzene	Ave	2.237	2.513		22.5	20.0	12.3	30.0
4-Chlorotoluene	Ave	2.178	2.351		21.6	20.0	7.9	30.0
Butyl Methacrylate	QuaF		0.7251		16.8	20.0	-16.0	30.0
tert-Butylbenzene	Ave	1.879	2.039		21.7	20.0	8.5	30.0
1,2,4-Trimethylbenzene	Ave	2.330	2.659		22.8	20.0	14.1	30.0
sec-Butylbenzene	Ave	2.850	3.201		22.5	20.0	12.3	30.0
1,3-Dichlorobenzene	Ave	1.391	1.464	0.6000	21.0	20.0	5.2	30.0
4-Isopropyltoluene	Ave	2.442	2.766		22.7	20.0	13.3	30.0
1,4-Dichlorobenzene	Ave	1.387	1.495	0.5000	21.6	20.0	7.8	30.0
1,2,3-Trimethylbenzene	Ave	2.532	2.764		21.8	20.0	9.2	30.0
Benzyl chloride	Ave	0.9797	1.276		26.0	20.0	30.2*	30.0
Indan	Ave	2.407	2.743		22.8	20.0	14.0	30.0
p-Diethylbenzene	Ave	1.560	1.751		22.4	20.0	12.2	30.0
n-Butylbenzene	Ave	1.337	1.503		22.5	20.0	12.4	30.0
1,2-Dichlorobenzene	Ave	1.367	1.461	0.4000	21.4	20.0	6.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.441	2.760		22.6	20.0	13.1	30.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1051	0.0500	21.3	20.0	6.7	30.0
1,3,5-Trichlorobenzene	Ave	1.165	1.249		21.4	20.0	7.2	30.0
1,2,4-Trichlorobenzene	Ave	1.045	1.194	0.2000	22.9	20.0	14.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.5373	0.5883		21.9	20.0	9.5	30.0
Naphthalene	Ave	2.439	2.728		22.4	20.0	11.9	30.0
1,2,3-Trichlorobenzene	Ave	1.072	1.143		21.3	20.0	6.6	30.0
Monochloropentafluoroethane	QuaF		0.0005		5.00	20.0	-100.0*	30.0
Dibromofluoromethane (Surr)	Ave	0.2420	0.2370		49.0	50.0	-2.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2861	0.2747		48.0	50.0	-4.0	30.0
Toluene-d8 (Surr)	Ave	1.339	1.350		50.4	50.0	0.8	30.0
4-Bromofluorobenzene	Ave	0.4204	0.4197		49.9	50.0	-0.2	30.0

Report Date: 31-Aug-2024 05:49:44 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 30-Aug-2024 13:25:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0180260-015
Operator ID: Instrument ID: CVOAMS17
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:49:43 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:49:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.314	1.314	0.000	50	7449	20.0	9.36	Ma
2 1,1-Difluoroethane	65	1.326	1.320	0.006	97	34182	20.0	16.0	
4 Dichlorodifluoromethane	85	1.338	1.338	0.000	62	71698	20.0	14.1	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	96	9473	20.0	15.5	a
6 Chloromethane	50	1.497	1.491	0.006	99	112864	20.0	18.5	
7 Vinyl chloride	62	1.558	1.558	0.000	98	108916	20.0	20.4	
8 Butadiene	54	1.576	1.570	0.006	95	99004	20.0	19.7	
9 Bromomethane	94	1.820	1.820	0.000	98	79604	20.0	21.1	
10 Chloroethane	64	1.881	1.881	0.000	100	61750	20.0	17.5	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	99	178046	20.0	19.8	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	61	100567	20.0	18.6	
13 Pentane	72	2.076	2.070	0.006	97	12331	40.0	19.5	
14 Ethanol	46	2.222	2.234	-0.012	81	18462	800.0	770.3	
15 Ethyl ether	74	2.235	2.234	0.001	97	52918	20.0	20.3	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	95	57578	20.0	16.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	86	63042	20.0	18.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	91	105489	20.0	17.6	
19 Acrolein	56	2.393	2.387	0.006	87	20808	39.5	28.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.405	2.411	-0.006	96	47997	20.0	14.6	Ma
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	97	70764	20.0	17.7	
22 Acetone	43	2.503	2.497	0.006	87	121624	100.0	92.1	
23 Iodomethane	142	2.570	2.570	0.000	96	135803	20.0	19.8	
25 Isopropyl alcohol	45	2.588	2.588	0.000	33	45368	200.0	187.2	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	247881	20.0	17.4	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	94	56065	20.0	20.7	
27 Methyl acetate	43	2.722	2.722	0.000	94	137326	40.0	40.9	
28 Cyclopentene	67	2.734	2.734	0.000	94	131949	20.0	15.7	
29 Acetonitrile	41	2.771	2.771	0.000	96	81231	200.0	142.1	a
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	59584	1000.0	1000.0	
30 Methylene Chloride	84	2.838	2.838	0.000	93	98114	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.887	2.887	0.000	91	74256	200.0	191.6	a
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	98	248077	20.0	20.2	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	97	87646	20.0	20.4	
35 Acrylonitrile	53	3.070	3.070	0.000	95	359914	200.0	216.8	
36 Hexane	57	3.155	3.155	0.000	94	62178	20.0	13.9	
37 Isopropyl ether	45	3.350	3.356	-0.006	97	309741	20.0	20.9	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	164712	20.0	20.7	
39 Vinyl acetate	86	3.393	3.393	0.000	100	34010	40.0	53.6	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	89	75145	20.0	20.9	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	89	276884	20.0	21.0	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	459314	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.862	-0.006	96	29300	20.0	24.0	
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	95	98502	20.0	20.3	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	46498	100.0	96.4	
46 Ethyl acetate	70	3.893	3.887	0.006	95	18081	40.0	42.8	
47 Methyl acrylate	55	3.942	3.941	0.001	100	76238	20.0	21.5	
48 Propionitrile	54	4.009	4.009	0.000	98	129218	200.0	189.3	
50 Tetrahydrofuran	72	4.088	4.082	0.006	59	23069	40.0	39.8	
49 Chlorobromomethane	128	4.088	4.088	0.000	85	46740	20.0	19.7	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	368149	200.0	219.6	
52 Chloroform	83	4.143	4.143	0.000	98	145377	20.0	20.5	
53 Cyclohexane	84	4.265	4.271	-0.006	92	86247	20.0	15.7	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	97	110567	20.0	21.2	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	200194	50.0	49.0	
56 Carbon tetrachloride	117	4.393	4.393	0.000	97	73046	20.0	21.2	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	106287	20.0	19.8	
58 Isobutyl alcohol	43	4.545	4.551	-0.006	93	77191	500.0	595.8	
59 Isooctane	57	4.588	4.582	0.006	95	185791	20.0	14.7	
60 Benzene	78	4.612	4.612	0.000	96	349203	20.0	20.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	232021	50.0	48.0	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	84	273766	20.0	20.4	
63 Isopropyl acetate	61	4.673	4.673	0.000	92	47407	20.0	21.5	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	95	104963	20.0	19.0	
65 n-Heptane	100	4.765	4.771	-0.006	93	11109	20.0	14.9	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	844651	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	89	46139	500.0	532.2	
68 Trichloroethene	95	5.228	5.228	0.000	98	83373	20.0	20.8	
69 Methylcyclohexane	83	5.356	5.356	0.000	72	96766	20.0	15.4	
70 Ethyl acrylate	99	5.356	5.356	0.000	96	10157	20.0	15.4	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	93	94110	20.0	21.0	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	41999	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	41289	40.0	43.8	
75 1,4-Dioxane	88	5.618	5.618	0.000	89	19644	400.0	430.4	
74 Dibromomethane	93	5.636	5.630	0.006	96	53967	20.0	20.9	
76 n-Propyl acetate	43	5.648	5.648	0.000	99	113627	20.0	19.6	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	97748	20.0	21.1	
78 2-Nitropropane	41	6.112	6.112	0.000	74	19795	40.0	36.6	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	55487	20.0	20.0	
80 Epichlorohydrin	57	6.222	6.222	0.000	95	8892	20.0	22.8	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	127069	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	96	169872	100.0	105.6	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	795654	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	93	352061	20.0	19.0	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	96	119300	20.0	22.6	
86 Ethyl methacrylate	69	6.978	6.977	0.001	91	103446	20.0	18.8	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	97	64692	20.0	21.3	
88 Tetrachloroethene	166	7.185	7.185	0.000	97	80711	20.0	20.8	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	130061	20.0	21.3	
90 2-Hexanone	43	7.423	7.423	0.001	97	271899	100.0	106.0	
91 n-Butyl acetate	43	7.544	7.544	0.000	98	125715	20.0	22.6	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	63944	20.0	22.1	
93 Ethylene Dibromide	107	7.721	7.721	0.000	97	71962	20.0	21.1	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	87	589203	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	228111	20.0	21.2	
96 Ethylbenzene	106	8.410	8.410	0.000	98	125043	20.0	21.5	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	93	67114	20.0	21.4	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	151302	20.0	21.7	
99 o-Xylene	106	9.087	9.087	0.000	95	158952	20.0	22.4	
100 n-Butyl acrylate	73	9.093	9.087	0.006	97	61225	20.0	26.0	
101 Styrene	104	9.123	9.123	0.000	95	254388	20.0	22.6	
102 Bromoform	173	9.373	9.367	0.006	98	38032	20.0	22.9	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	90	150882	20.0	17.9	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	387801	20.0	24.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	92	247304	50.0	49.9	
106 Bromobenzene	156	9.898	9.898	0.000	98	99409	20.0	21.5	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	102148	20.0	22.8	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	476346	20.0	22.7	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	97	27321	20.0	21.4	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	86	23044	20.0	22.3	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	322576	20.0	21.9	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	385304	20.0	21.9	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	327223	20.0	22.5	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	306106	20.0	21.6	
115 Butyl Methacrylate	87	10.324	10.324	0.000	90	94418	20.0	16.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	265568	20.0	21.7	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	346194	20.0	22.8	
118 sec-Butylbenzene	105	10.721	10.727	-0.006	99	416833	20.0	22.5	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	95	190671	20.0	21.0	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	360192	20.0	22.7	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	325553	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	194671	20.0	21.6	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	99	359978	20.0	21.8	
124 Benzyl chloride	91	11.086	11.086	0.000	99	166158	20.0	26.0	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	357178	20.0	22.8	
126 p-Diethylbenzene	119	11.214	11.214	0.000	94	228010	20.0	22.4	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	195723	20.0	22.5	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	190265	20.0	21.4	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	359429	20.0	22.6	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	95	13680	20.0	21.3	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	162670	20.0	21.4	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	94	155457	20.0	22.9	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	98	76610	20.0	21.9	
134 Naphthalene	128	12.775	12.775	0.000	99	355201	20.0	22.4	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	148812	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.7	
S 137 Xylenes, Total	100				0		40.0	44.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.9	
S 140 Total BTEX	1				0		100.0	105.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN SP_00168	Amount Added:	4.00	Units: uL	
GAS C SP_00583	Amount Added:	20.00	Units: uL	
7 Freons SS_00017	Amount Added:	20.00	Units: uL	
8260 SP_00183	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 31-Aug-2024 05:49:44 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D

Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17

Lims ID: ICV

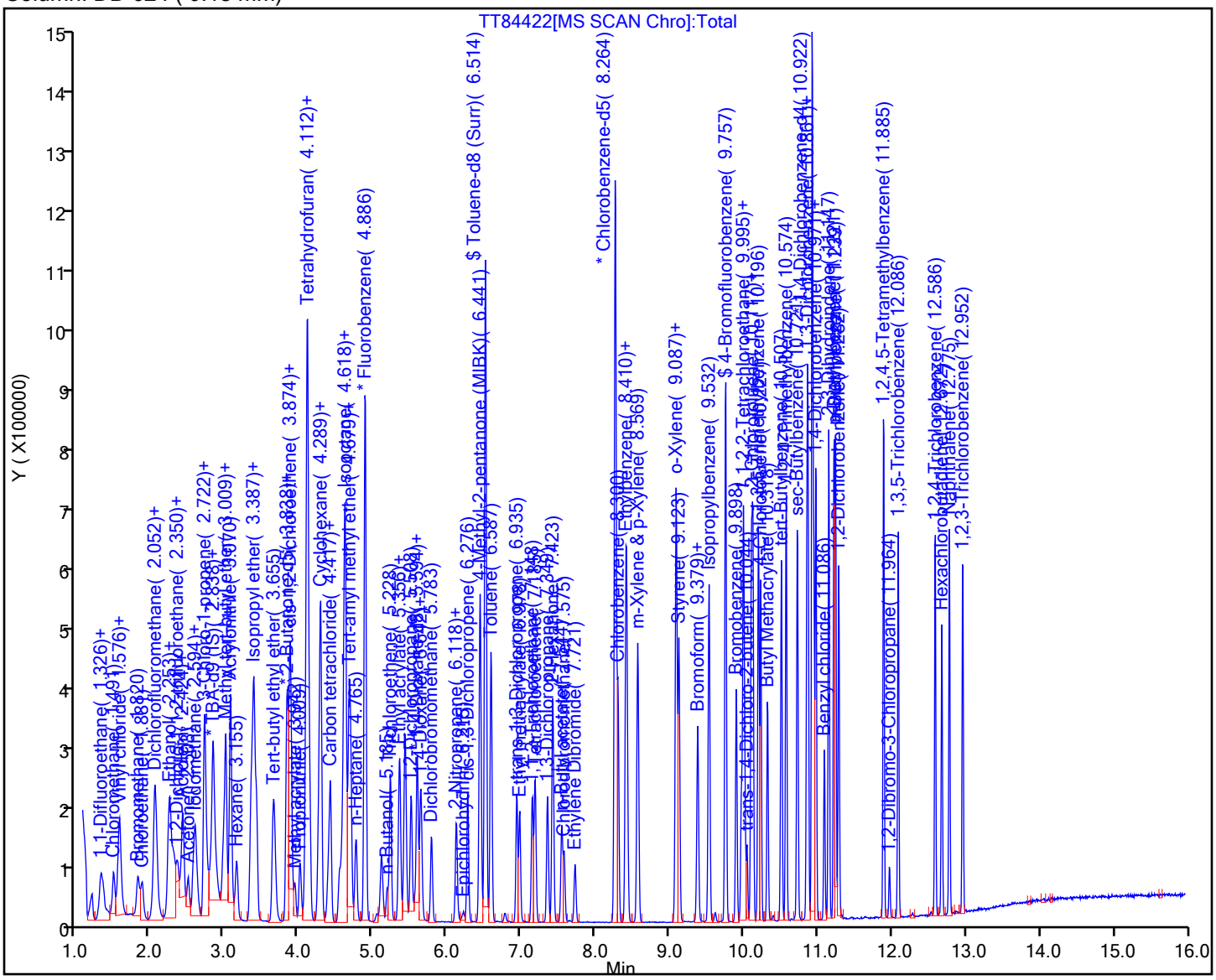
Client ID:

Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

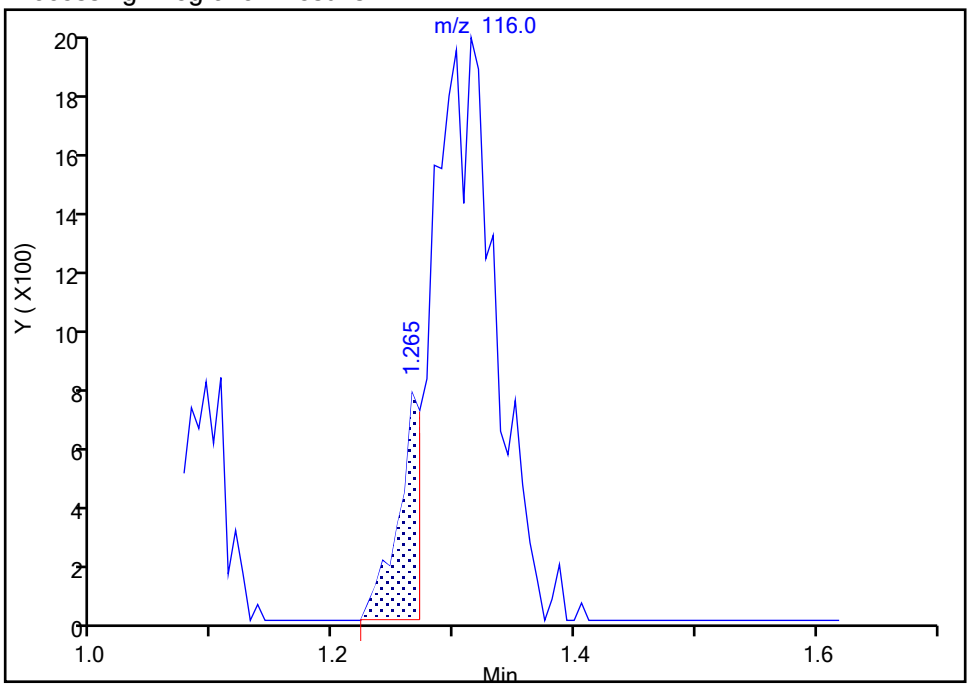
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D
Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

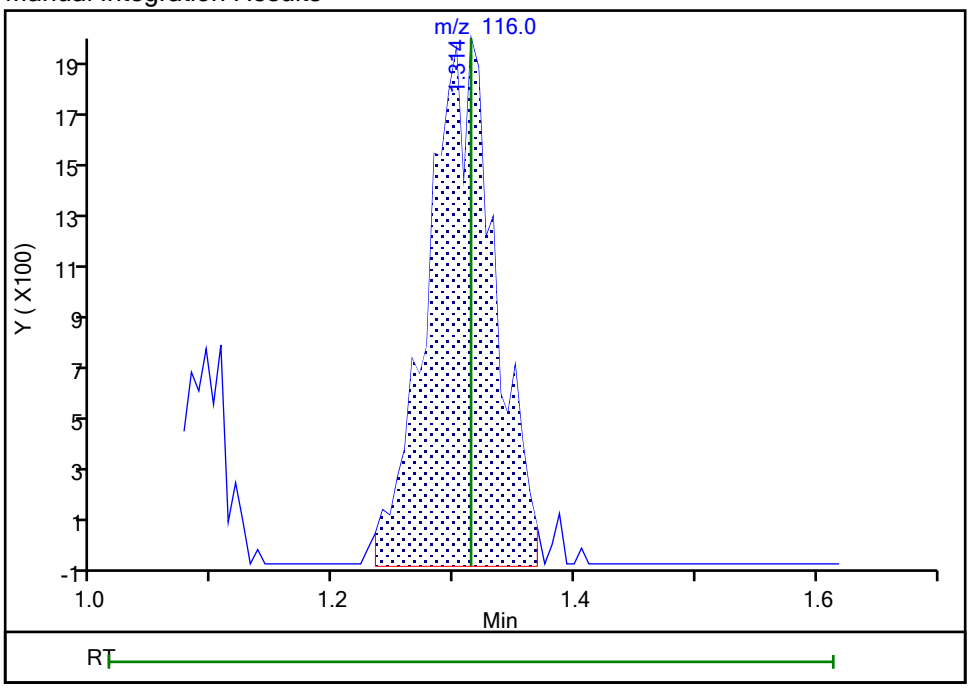
Processing Integration Results

RT: 1.27
Area: 990
Amount: 1.251167
Amount Units: ug/l



Manual Integration Results

RT: 1.31
Area: 7449
Amount: 9.357724
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:47:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

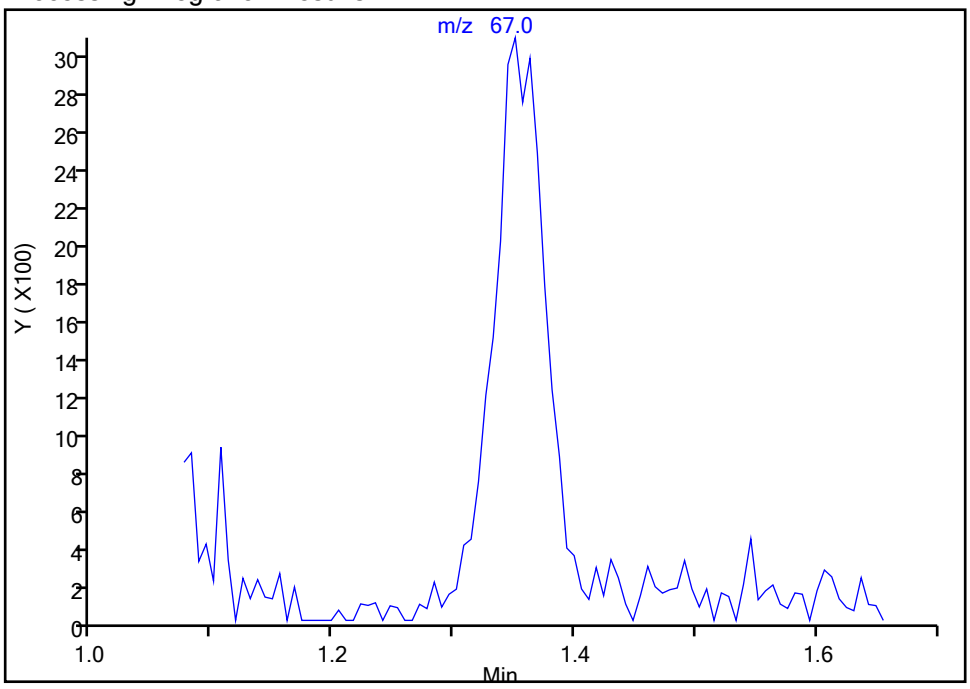
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D
Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

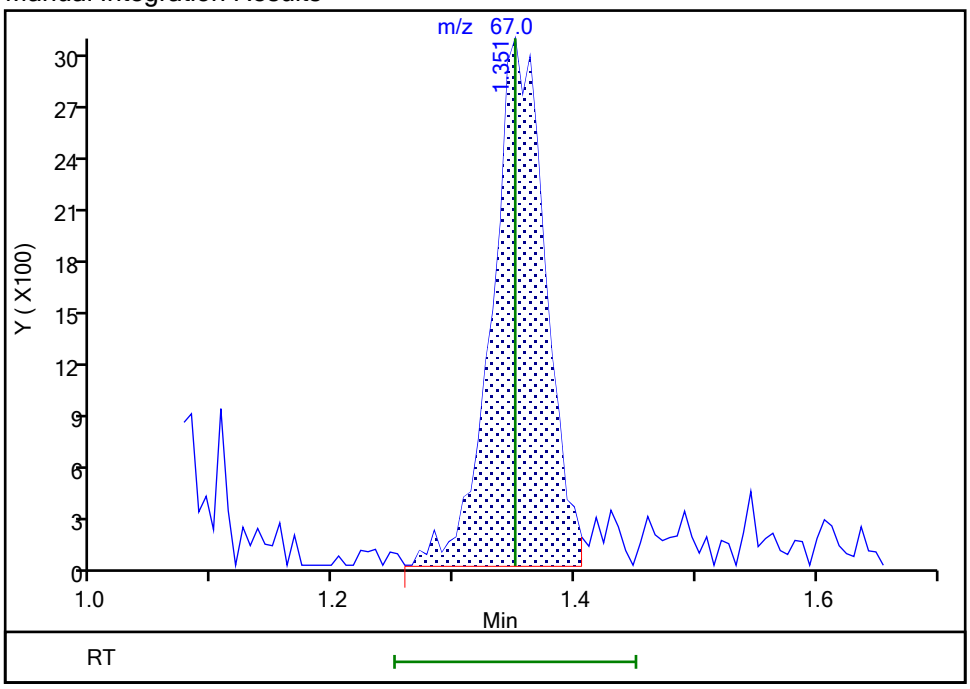
Not Detected
Expected RT: 1.35

Processing Integration Results



Manual Integration Results

RT: 1.35
Area: 9473
Amount: 15.471255
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:41:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins Edison

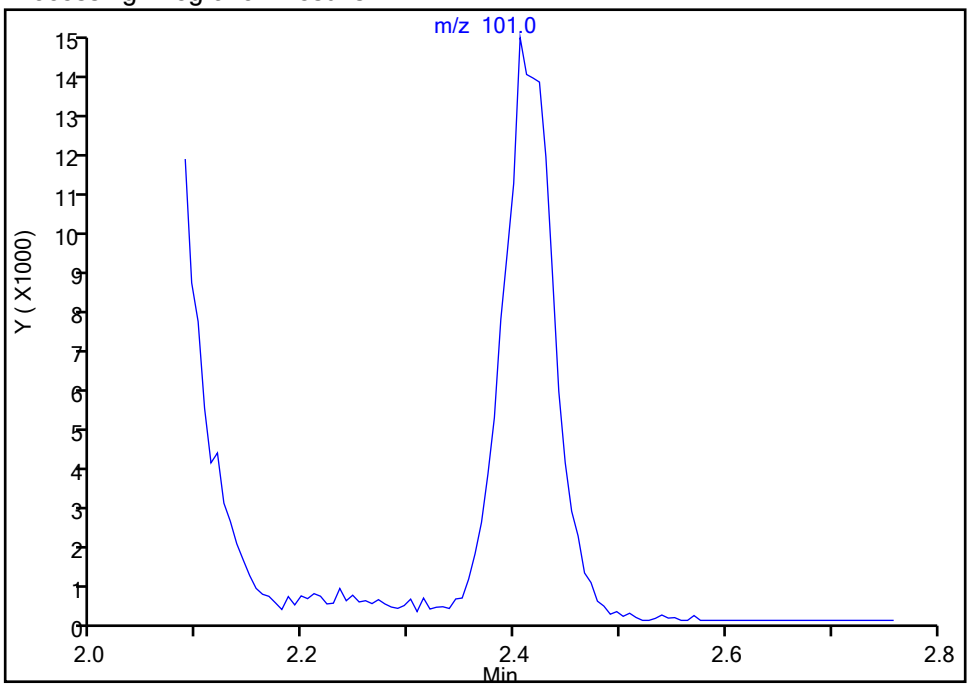
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D
Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

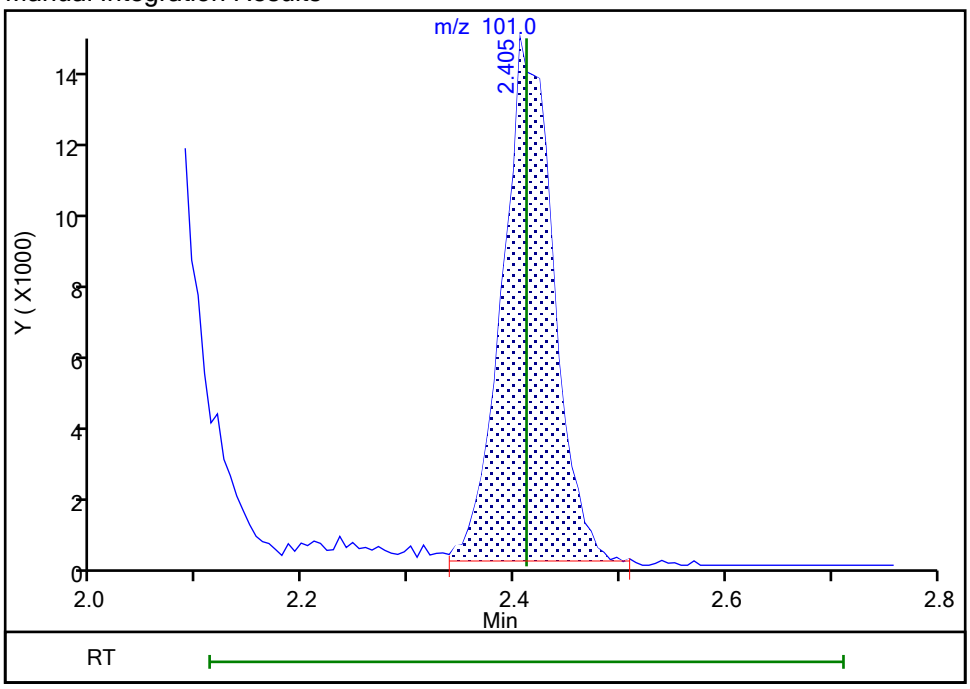
Not Detected
Expected RT: 2.41

Processing Integration Results



Manual Integration Results

RT: 2.41
Area: 47997
Amount: 14.644147
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:43:26 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

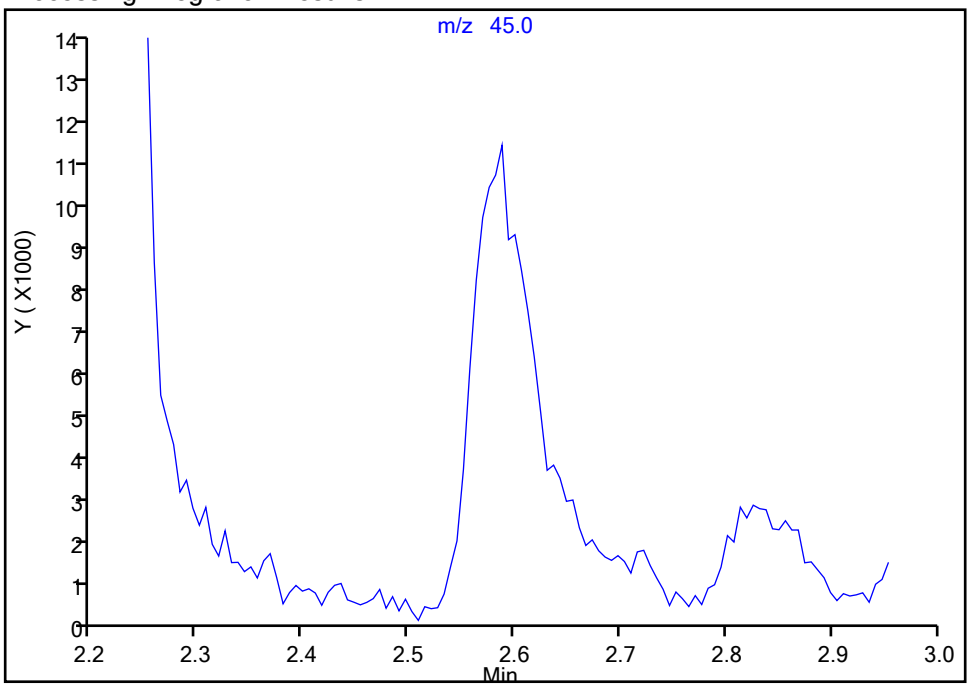
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D
Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

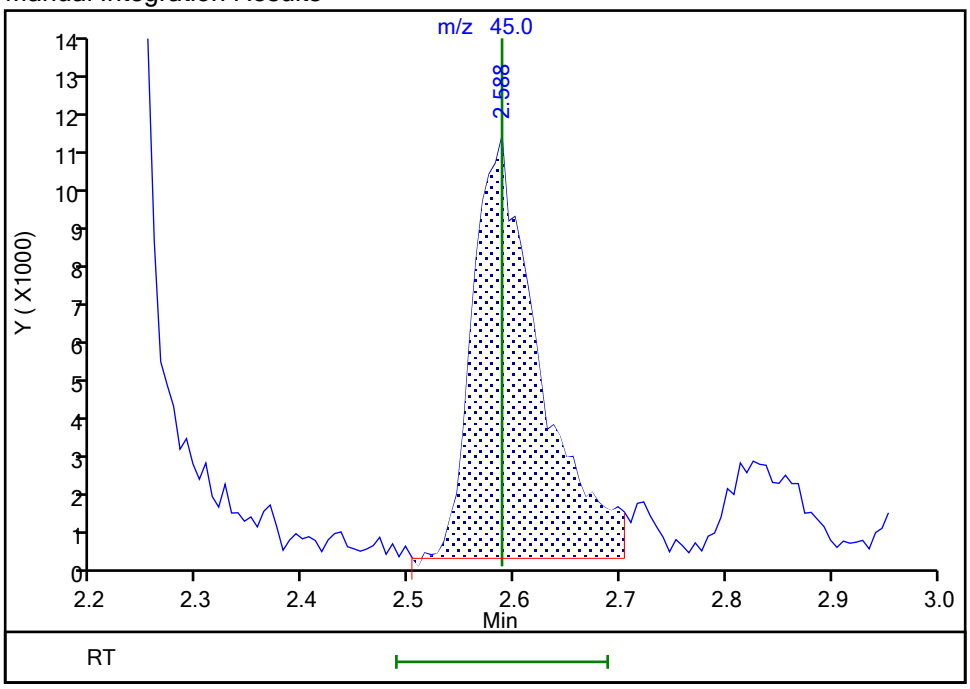
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 45368
Amount: 187.2250
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:42:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

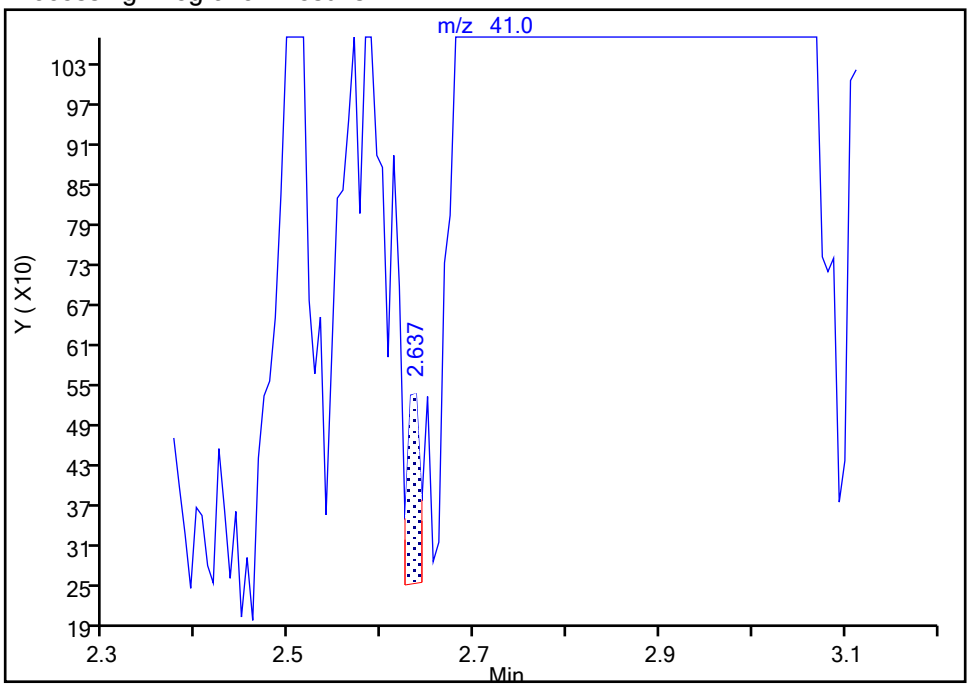
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D
Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

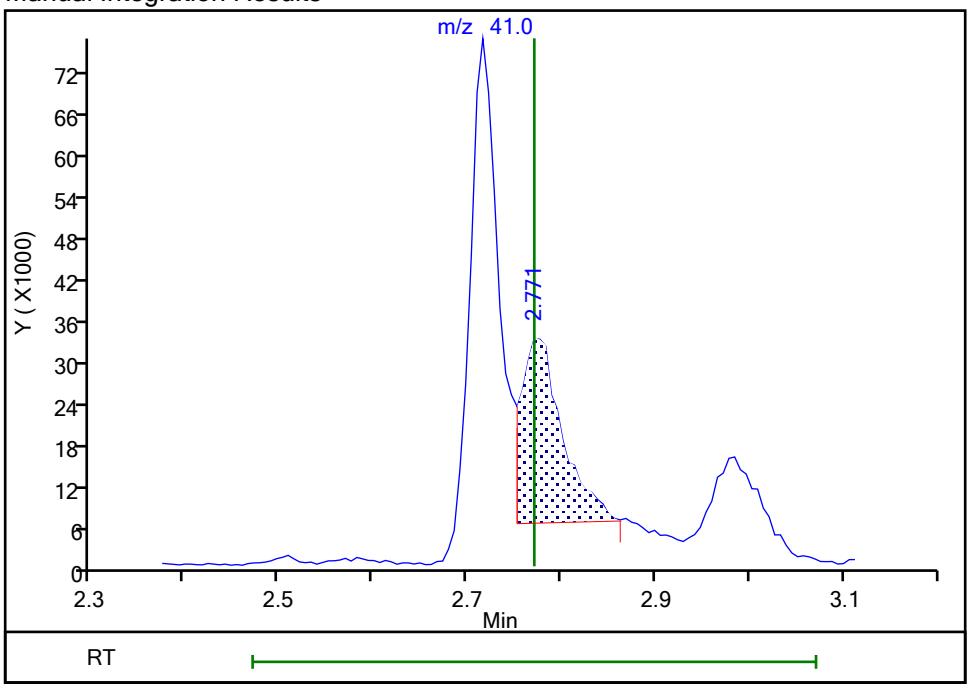
Processing Integration Results

RT: 2.64
Area: 290
Amount: 0.507224
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 81231
Amount: 142.0768
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:49:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

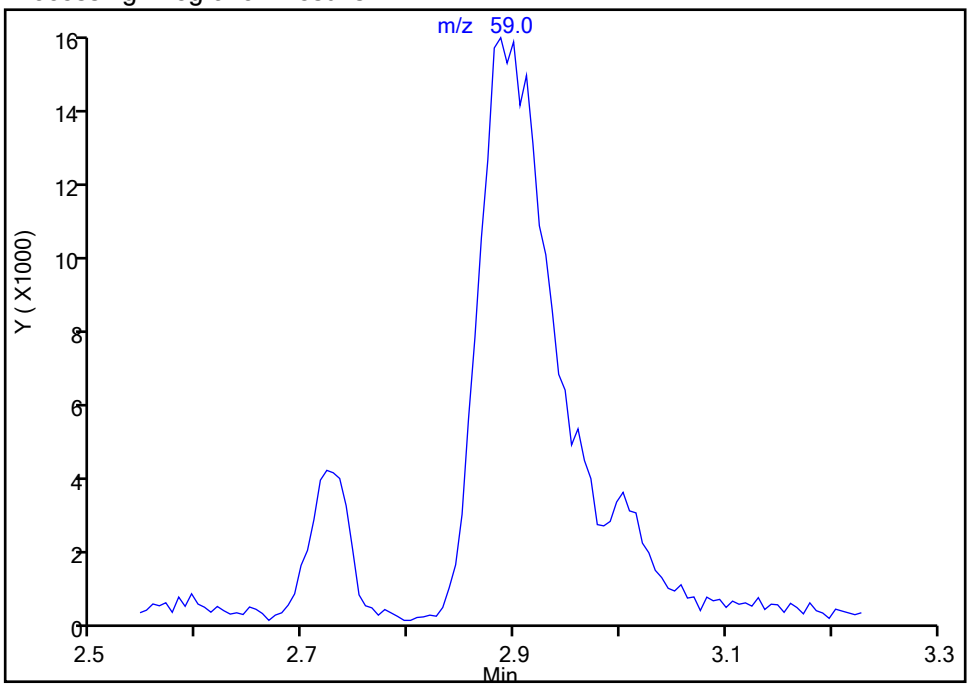
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D
Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

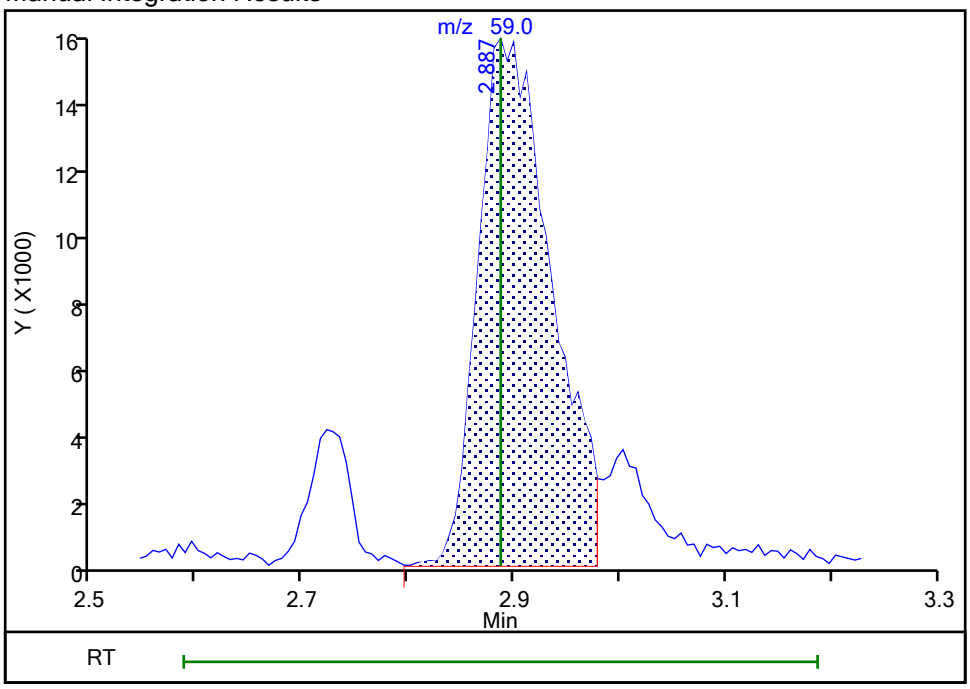
Not Detected
Expected RT: 2.89

Processing Integration Results



Manual Integration Results

RT: 2.89
Area: 74256
Amount: 191.5914
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:42:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab Sample ID: CCVIS 460-995734/4 Calibration Date: 09/13/2024 17:02

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT85016.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	QuaF		0.0048		27.4	20.0	37.0*	20.0
Chlorotrifluoroethene	QuaF		0.0774		32.3	20.0	61.5*	20.0
1,1-Difluoroethane	Ave	0.1265	0.1332		21.1	20.0	5.3	20.0
Dichlorodifluoromethane	Ave	0.3006	0.2853	0.1000	19.0	20.0	-5.1	20.0
Chlorodifluoromethane	QuaF		0.0464		25.5	20.0	27.5*	20.0
Chloromethane	Ave	0.3602	0.3251	0.1000	18.1	20.0	-9.7	20.0
Vinyl chloride	Ave	0.3161	0.2787	0.1000	17.6	20.0	-11.8	20.0
Butadiene	Ave	0.2969	0.2829		19.1	20.0	-4.7	20.0
Bromomethane	Ave	0.2231	0.2066	0.1000	18.5	20.0	-7.4	50.0
Chloroethane	Ave	0.2083	0.1707	0.1000	16.4	20.0	-18.1	50.0
Dichlorofluoromethane	Ave	0.5320	0.4845		18.2	20.0	-8.9	20.0
Trichlorofluoromethane	Ave	0.3198	0.3137	0.1000	19.6	20.0	-1.9	20.0
Pentane	QuaF		0.0359		38.6	40.0	-3.5	20.0
Ethyl ether	Lin2		0.1456		18.8	20.0	-6.2	20.0
Ethanol	Lin2		0.3412		662	800	-17.3	50.0
2-Methyl-1,3-butadiene	Ave	0.2078	0.1981		19.1	20.0	-4.7	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2015	0.2174		21.6	20.0	7.9	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3554	0.3432		19.3	20.0	-3.4	20.0
Acrolein	Ave	0.0430	0.0368		34.2	40.0	-14.5	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1940	0.2020	0.1000	20.8	20.0	4.1	20.0
1,1-Dichloroethene	Ave	0.2362	0.2087	0.1000	17.7	20.0	-11.7	20.0
Acetone	Ave	0.7188	0.6315	0.0500	87.8	100	-12.2	50.0
Iodomethane	Ave	0.4063	0.3857		19.0	20.0	-5.1	20.0
Isopropyl alcohol	Ave	4.067	3.745		184	200	-7.9	50.0
Carbon disulfide	Ave	0.8445	0.7627	0.1000	18.1	20.0	-9.7	50.0
3-Chloro-1-propene	Ave	0.1606	0.1545		19.2	20.0	-3.8	20.0
Methyl acetate	Ave	0.1987	0.1504	0.1000	30.3	40.0	-24.3*	20.0
Cyclopentene	Ave	0.4960	0.4725		19.1	20.0	-4.7	20.0
Acetonitrile	Ave	0.3112	0.2722		175	200	-12.5	20.0
Methylene Chloride	Ave	0.2927	0.2660	0.1000	18.2	20.0	-9.1	20.0
2-Methyl-2-propanol	Ave	6.505	6.804		209	200	4.6	50.0
Methyl tert-butyl ether	Ave	0.7287	0.6728	0.1000	18.5	20.0	-7.7	20.0
trans-1,2-Dichloroethene	Ave	0.2540	0.2427	0.1000	19.1	20.0	-4.4	20.0
Acrylonitrile	Ave	0.0983	0.0777		158	200	-20.9*	20.0
Hexane	Ave	0.2656	0.3103		23.4	20.0	16.8	20.0
Isopropyl ether	Ave	0.8766	0.8331		19.0	20.0	-5.0	20.0
1,1-Dichloroethane	Ave	0.4711	0.4586	0.2000	19.5	20.0	-2.7	20.0
Vinyl acetate	Ave	0.3451	0.5373		62.3	40.0	55.7*	20.0
2-Chloro-1,3-butadiene	Ave	0.2130	0.2054		19.3	20.0	-3.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab Sample ID: CCVIS 460-995734/4 Calibration Date: 09/13/2024 17:02

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT85016.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.7812	0.7764		19.9	20.0	-0.6	20.0
2,2-Dichloropropane	Ave	0.0723	0.0814		22.5	20.0	12.6	20.0
cis-1,2-Dichloroethene	Ave	0.2875	0.2679	0.1000	18.6	20.0	-6.8	20.0
2-Butanone (MEK)	Ave	0.2625	0.2423	0.0500	92.3	100	-7.7	50.0
Ethyl acetate	Ave	0.2301	0.2609		45.4	40.0	13.4	20.0
Methyl acrylate	Ave	0.2101	0.1832		17.4	20.0	-12.8	20.0
Propionitrile	Ave	11.46	10.03		175	200	-12.5	20.0
Tetrahydrofuran	Ave	0.3152	0.2840		36.0	40.0	-9.9	20.0
Chlorobromomethane	Ave	0.1405	0.1327		18.9	20.0	-5.6	20.0
Methacrylonitrile	Ave	0.0993	0.0873		176	200	-12.0	20.0
Chloroform	Ave	0.4194	0.4207	0.2000	20.1	20.0	0.3	20.0
Cyclohexane	Ave	0.3244	0.3318	0.1000	20.5	20.0	2.3	50.0
1,1,1-Trichloroethane	Ave	0.3093	0.3408	0.1000	22.0	20.0	10.2	20.0
Carbon tetrachloride	Ave	0.2043	0.2762	0.1000	27.0	20.0	35.2*	20.0
1,1-Dichloropropene	Ave	0.3177	0.3241		20.4	20.0	2.0	20.0
Isobutyl alcohol	Ave	2.174	3.207		738	500	47.5	50.0
Isooctane	Ave	0.7470	0.8552		22.9	20.0	14.5	20.0
Benzene	Ave	1.461	1.371	0.5000	18.8	20.0	-6.2	20.0
Isopropyl acetate	Ave	0.1306	0.1172		17.9	20.0	-10.3	20.0
Tert-amyl methyl ether	Ave	0.7929	0.7912		20.0	20.0	-0.2	20.0
1,2-Dichloroethane	Ave	0.3263	0.3102	0.1000	19.0	20.0	-4.9	20.0
n-Heptane	Ave	0.0441	0.0516		23.4	20.0	16.8	20.0
n-Butanol	Ave	1.455	1.649		567	500	13.4	50.0
Trichloroethene	Ave	0.2372	0.2320	0.2000	19.6	20.0	-2.2	20.0
Ethyl acrylate	QuaF		0.0323		16.6	20.0	-17.2	20.0
Methylcyclohexane	Ave	0.3708	0.3845	0.1000	20.7	20.0	3.7	50.0
1,2-Dichloropropane	Ave	0.2654	0.2645	0.1000	19.9	20.0	-0.3	20.0
Methyl methacrylate	Ave	0.0558	0.0495		35.5	40.0	-11.2	20.0
1,4-Dioxane	Ave	1.087	1.065		392	400	-2.0	50.0
Dibromomethane	Ave	0.1525	0.1414		18.5	20.0	-7.3	20.0
n-Propyl acetate	Ave	0.3434	0.2886		16.8	20.0	-16.0	20.0
Dichlorobromomethane	Ave	0.2749	0.2930	0.2000	21.3	20.0	6.6	20.0
2-Nitropropane	QuaF		0.0431		53.5	40.0	33.7*	20.0
2-Chloroethyl vinyl ether	Ave	0.1646	0.1279		15.6	20.0	-22.3*	20.0
Epichlorohydrin	Ave	0.2121	0.2146		405	400	1.2	20.0
cis-1,3-Dichloropropene	Ave	0.5312	0.5545	0.2000	20.9	20.0	4.4	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.8755	0.8858	0.0500	101	100	1.2	50.0
Toluene	Ave	1.570	1.378	0.4000	17.5	20.0	-12.3	20.0
trans-1,3-Dichloropropene	Ave	0.4470	0.4649	0.1000	20.8	20.0	4.0	50.0
Ethyl methacrylate	QuaF		0.3828		16.4	20.0	-17.9	20.0
1,1,2-Trichloroethane	Ave	0.2577	0.2349	0.1000	18.2	20.0	-8.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab Sample ID: CCVIS 460-995734/4 Calibration Date: 09/13/2024 17:02

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT85016.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.3289	0.3258	0.2000	19.8	20.0	-1.0	20.0
1,3-Dichloropropane	Ave	0.5184	0.4850		18.7	20.0	-6.4	20.0
2-Hexanone	Ave	1.396	1.416	0.0500	101	100	1.4	50.0
n-Butyl acetate	Ave	0.4716	0.4601		19.5	20.0	-2.4	20.0
Chlorodibromomethane	Ave	0.2453	0.3040	0.1000	24.8	20.0	24.0	50.0
Ethylene Dibromide	Ave	0.2890	0.2726	0.1000	18.9	20.0	-5.7	20.0
Chlorobenzene	Ave	0.9125	0.9068	0.5000	19.9	20.0	-0.6	20.0
Ethylbenzene	Ave	0.4930	0.4821	0.1000	19.6	20.0	-2.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2656	0.3154		23.8	20.0	18.8	20.0
m-Xylene & p-Xylene	Ave	0.5904	0.6073	0.1000	20.6	20.0	2.9	20.0
o-Xylene	Ave	0.6027	0.5969	0.3000	19.8	20.0	-1.0	20.0
n-Butyl acrylate	Ave	0.2000	0.2376		23.8	20.0	18.8	20.0
Styrene	Ave	0.9541	0.9719	0.3000	20.4	20.0	1.9	20.0
Bromoform	Qua2		0.1888	0.1000	26.7	20.0	33.3*	20.0
Amyl acetate (mixed isomers)	QuaF		1.022		15.8	20.0	-21.2*	20.0
Isopropylbenzene	Ave	1.370	1.402	0.1000	20.5	20.0	2.4	20.0
Bromobenzene	Ave	0.7116	0.7175		20.2	20.0	0.8	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6869	0.6339	0.3000	18.5	20.0	-7.7	20.0
N-Propylbenzene	Ave	3.228	3.187		19.7	20.0	-1.3	20.0
1,2,3-Trichloropropane	Ave	0.1961	0.1793		18.3	20.0	-8.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1589	0.1071		13.5	20.0	-32.6*	20.0
2-Chlorotoluene	Ave	2.266	2.201		19.4	20.0	-2.9	20.0
4-Ethyltoluene	Ave	2.704	2.639		19.5	20.0	-2.4	20.0
1,3,5-Trimethylbenzene	Ave	2.237	2.208		19.7	20.0	-1.3	20.0
4-Chlorotoluene	Ave	2.178	2.058		18.9	20.0	-5.5	20.0
Butyl Methacrylate	QuaF		0.6489		15.0	20.0	-24.8*	20.0
tert-Butylbenzene	Ave	1.879	1.883		20.0	20.0	0.2	20.0
1,2,4-Trimethylbenzene	Ave	2.330	2.372		20.4	20.0	1.8	20.0
sec-Butylbenzene	Ave	2.850	2.912		20.4	20.0	2.2	20.0
1,3-Dichlorobenzene	Ave	1.391	1.383	0.6000	19.9	20.0	-0.6	20.0
4-Isopropyltoluene	Ave	2.442	2.557		20.9	20.0	4.7	20.0
1,4-Dichlorobenzene	Ave	1.387	1.374	0.5000	19.8	20.0	-1.0	20.0
1,2,3-Trimethylbenzene	Ave	2.532	2.537		20.0	20.0	0.2	20.0
Benzyl chloride	Ave	0.9797	1.236		25.2	20.0	26.1	50.0
Indan	Ave	2.407	2.433		20.2	20.0	1.1	20.0
p-Diethylbenzene	Ave	1.560	1.641		21.0	20.0	5.2	20.0
n-Butylbenzene	Ave	1.337	1.406		21.0	20.0	5.1	20.0
1,2-Dichlorobenzene	Ave	1.367	1.394	0.4000	20.4	20.0	2.0	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.441	2.415		19.8	20.0	-1.1	20.0
1,2-Dibromo-3-Chloropropane	QuaF		0.0965	0.0500	19.6	20.0	-1.8	50.0
1,3,5-Trichlorobenzene	Ave	1.165	1.217		20.9	20.0	4.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab Sample ID: CCVIS 460-995734/4 Calibration Date: 09/13/2024 17:02

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT85016.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.045	1.113	0.2000	21.3	20.0	6.6	20.0
Hexachlorobutadiene	Ave	0.5373	0.5832		21.7	20.0	8.5	20.0
Naphthalene	Ave	2.439	2.292		18.8	20.0	-6.0	50.0
1,2,3-Trichlorobenzene	Ave	1.072	1.071		20.0	20.0	-0.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2420	0.2482		51.3	50.0	2.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2861	0.2895		50.6	50.0	1.2	20.0
Toluene-d8 (Surr)	Ave	1.339	1.346		50.2	50.0	0.5	20.0
4-Bromofluorobenzene	Ave	0.4204	0.4296		51.1	50.0	2.2	20.0

Report Date: 16-Sep-2024 13:21:54 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85016.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 13-Sep-2024 17:02:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0180816-004
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 13:21:53 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: C1JX Date: 13-Sep-2024 17:26:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.241	-0.006	49	1104	20.0	27.4	
3 Chlorotrifluoroethene	116	1.296	1.302	-0.006	92	17656	20.0	32.3	
2 1,1-Difluoroethane	65	1.320	1.320	0.000	98	30402	20.0	21.1	
4 Dichlorodifluoromethane	85	1.326	1.332	-0.006	70	65095	20.0	19.0	
5 Chlorodifluoromethane	67	1.363	1.369	-0.006	97	10581	20.0	25.5	
6 Chloromethane	50	1.503	1.503	0.000	98	74170	20.0	18.1	
7 Vinyl chloride	62	1.558	1.558	0.000	96	63589	20.0	17.6	
8 Butadiene	54	1.576	1.582	-0.006	97	64539	20.0	19.1	
9 Bromomethane	94	1.826	1.826	0.000	99	47127	20.0	18.5	
10 Chloroethane	64	1.887	1.887	0.000	99	38943	20.0	16.4	
11 Dichlorofluoromethane	67	2.052	2.046	0.006	98	110545	20.0	18.2	
12 Trichlorofluoromethane	101	2.052	2.058	-0.006	51	71573	20.0	19.6	
13 Pentane	72	2.064	2.064	0.000	96	16398	40.0	38.6	
14 Ethanol	46	2.247	2.235	0.012	72	8994	800.0	661.6	
15 Ethyl ether	74	2.241	2.241	0.000	93	33227	20.0	18.8	
16 2-Methyl-1,3-butadiene	53	2.265	2.265	0.000	96	45192	20.0	19.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.302	0.006	90	49604	20.0	21.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	90	78299	20.0	19.3	
19 Acrolein	56	2.399	2.399	0.000	93	16773	40.0	34.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.424	2.430	-0.006	90	46089	20.0	20.8	
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	97	47616	20.0	17.7	
22 Acetone	43	2.509	2.509	0.000	86	64431	100.0	87.8	
23 Iodomethane	142	2.576	2.576	0.000	98	88005	20.0	19.0	
25 Isopropyl alcohol	45	2.588	2.588	0.000	31	24680	200.0	184.2	a
24 Carbon disulfide	76	2.606	2.607	-0.001	99	174008	20.0	18.1	
26 3-Chloro-1-propene	76	2.716	2.722	-0.006	92	35256	20.0	19.2	
27 Methyl acetate	43	2.728	2.728	0.000	82	68610	40.0	30.3	
28 Cyclopentene	67	2.741	2.741	0.000	94	107801	20.0	19.1	
29 Acetonitrile	41	2.777	2.777	0.000	92	55556	200.0	175.0	a
* 31 TBA-d9 (IS)	66	2.832	2.838	-0.006	0	32947	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.844	-0.006	94	60697	20.0	18.2	
32 2-Methyl-2-propanol	59	2.899	2.899	0.000	95	44831	200.0	209.2	
33 Methyl tert-butyl ether	73	2.997	2.997	0.000	97	153512	20.0	18.5	
34 trans-1,2-Dichloroethene	96	3.015	3.015	0.000	96	55370	20.0	19.1	
35 Acrylonitrile	53	3.076	3.082	-0.006	94	177237	200.0	158.1	
36 Hexane	57	3.161	3.161	0.000	94	70796	20.0	23.4	
37 Isopropyl ether	45	3.356	3.362	-0.006	97	190083	20.0	19.0	
38 1,1-Dichloroethane	63	3.387	3.387	0.000	99	104624	20.0	19.5	
39 Vinyl acetate	86	3.405	3.393	0.012	100	21930	40.0	62.3	
40 2-Chloro-1,3-butadiene	88	3.423	3.430	-0.007	90	46862	20.0	19.3	
41 Tert-butyl ethyl ether	59	3.661	3.661	0.000	89	177151	20.0	19.9	
* 42 2-Butanone-d5	46	3.838	3.838	0.000	0	255082	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.868	-0.012	95	18582	20.0	22.5	
44 cis-1,2-Dichloroethene	96	3.874	3.881	-0.007	94	61127	20.0	18.6	
45 2-Butanone (MEK)	72	3.887	3.893	-0.006	96	24720	100.0	92.3	
46 Ethyl acetate	70	3.899	3.899	0.000	96	10650	40.0	45.4	
47 Methyl acrylate	55	3.942	3.942	0.000	98	41810	20.0	17.4	
48 Propionitrile	54	4.009	4.015	-0.006	98	66073	200.0	175.1	
50 Tetrahydrofuran	72	4.088	4.082	0.006	52	11592	40.0	36.0	
49 Chlorobromomethane	128	4.094	4.088	0.006	86	30288	20.0	18.9	
51 Methacrylonitrile	67	4.112	4.112	0.000	93	199201	200.0	175.9	
52 Chloroform	83	4.143	4.143	0.000	98	95986	20.0	20.1	
53 Cyclohexane	84	4.271	4.271	0.000	92	75707	20.0	20.5	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	76	77761	20.0	22.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.295	0.000	98	141583	50.0	51.3	
56 Carbon tetrachloride	117	4.399	4.393	0.006	97	63017	20.0	27.0	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	73953	20.0	20.4	
58 Isobutyl alcohol	43	4.545	4.551	-0.006	97	52838	500.0	737.6	
59 Isooctane	57	4.594	4.594	0.000	96	195125	20.0	22.9	
60 Benzene	78	4.612	4.612	0.000	96	224463	20.0	18.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	165135	50.0	50.6	
63 Isopropyl acetate	61	4.673	4.679	-0.006	92	26743	20.0	17.9	
62 Tert-amyl methyl ether	73	4.679	4.679	0.000	85	180529	20.0	20.0	
64 1,2-Dichloroethane	62	4.698	4.698	0.000	96	70768	20.0	19.0	
65 n-Heptane	100	4.765	4.771	-0.006	93	11766	20.0	23.4	
* 66 Fluorobenzene	96	4.893	4.893	0.000	99	570402	50.0	50.0	
67 n-Butanol	56	5.185	5.191	-0.006	92	27173	500.0	566.8	
68 Trichloroethene	95	5.234	5.228	0.006	98	52934	20.0	19.6	
70 Ethyl acrylate	99	5.350	5.356	-0.006	95	7361	20.0	16.6	
69 Methylcyclohexane	83	5.356	5.356	0.000	81	87722	20.0	20.7	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	92	60358	20.0	19.9	
* 72 1,4-Dioxane-d8	96	5.563	5.569	-0.006	0	22802	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	90	22593	40.0	35.5	
75 1,4-Dioxane	88	5.624	5.618	0.006	50	9711	400.0	391.9	
74 Dibromomethane	93	5.636	5.636	0.000	96	32254	20.0	18.5	
76 n-Propyl acetate	43	5.649	5.649	0.000	98	65845	20.0	16.8	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	66853	20.0	21.3	
78 2-Nitropropane	41	6.118	6.118	0.000	77	19651	40.0	53.5	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	84	29246	20.0	15.6	
80 Epichlorohydrin	57	6.222	6.216	0.006	99	87588	400.0	404.7	
81 cis-1,3-Dichloropropene	75	6.276	6.277	-0.001	92	90812	20.0	20.9	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	90377	100.0	101.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	550963	50.0	50.2	
84 Toluene	91	6.587	6.587	0.000	93	225671	20.0	17.5	
85 trans-1,3-Dichloropropene	75	6.941	6.935	0.006	96	76144	20.0	20.8	
86 Ethyl methacrylate	69	6.978	6.972	0.006	90	62688	20.0	16.4	
87 1,1,2-Trichloroethane	83	7.142	7.148	-0.006	96	38471	20.0	18.2	
88 Tetrachloroethene	166	7.185	7.185	0.000	95	53354	20.0	19.8	
89 1,3-Dichloropropane	76	7.349	7.350	-0.001	95	79433	20.0	18.7	
90 2-Hexanone	43	7.423	7.423	0.000	97	144510	100.0	101.4	
91 n-Butyl acetate	43	7.538	7.545	-0.007	98	75351	20.0	19.5	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	49793	20.0	24.8	
93 Ethylene Dibromide	107	7.721	7.721	0.000	98	44645	20.0	18.9	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	409432	50.0	50.0	
95 Chlorobenzene	112	8.300	8.301	-0.001	95	148515	20.0	19.9	
96 Ethylbenzene	106	8.410	8.410	0.000	98	78948	20.0	19.6	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	96	51649	20.0	23.8	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	99465	20.0	20.6	
99 o-Xylene	106	9.087	9.087	0.000	94	97759	20.0	19.8	
100 n-Butyl acrylate	73	9.093	9.093	0.000	97	38907	20.0	23.8	
101 Styrene	104	9.123	9.124	-0.001	95	159174	20.0	20.4	
102 Bromoform	173	9.373	9.374	-0.001	96	30924	20.0	26.7	
103 Amyl acetate (mixed isomers)	43	9.380	9.380	0.000	90	96515	20.0	15.8	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	229671	20.0	20.5	
$ 105 4-Bromofluorobenzene	174	9.757	9.758	-0.001	95	175900	50.0	51.1	
106 Bromobenzene	156	9.898	9.898	0.000	97	67773	20.0	20.2	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	59873	20.0	18.5	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	300997	20.0	19.7	
109 1,2,3-Trichloropropane	110	10.014	10.014	0.000	98	16935	20.0	18.3	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	89	10115	20.0	13.5	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	207911	20.0	19.4	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	249314	20.0	19.5	
113 1,3,5-Trimethylbenzene	105	10.196	10.197	-0.001	93	208597	20.0	19.7	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	194358	20.0	18.9	
115 Butyl Methacrylate	87	10.324	10.318	0.006	90	61296	20.0	15.0	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	177898	20.0	20.0	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	224068	20.0	20.4	
118 sec-Butylbenzene	105	10.727	10.721	0.006	99	275054	20.0	20.4	
119 1,3-Dichlorobenzene	146	10.855	10.849	0.006	96	130627	20.0	19.9	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	241504	20.0	20.9	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	236147	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	129766	20.0	19.8	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	99	239665	20.0	20.0	
124 Benzyl chloride	91	11.087	11.087	-0.001	98	116713	20.0	25.2	
125 2,3-Dihydroindene	117	11.147	11.148	-0.001	95	229811	20.0	20.2	
126 p-Diethylbenzene	119	11.221	11.215	0.006	94	155020	20.0	21.0	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	132808	20.0	21.0	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	131686	20.0	20.4	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	228074	20.0	19.8	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	94	9119	20.0	19.6	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	98	114944	20.0	20.9	
132 1,2,4-Trichlorobenzene	180	12.586	12.580	0.006	94	105159	20.0	21.3	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	97	55088	20.0	21.7	
134 Naphthalene	128	12.775	12.775	0.000	100	216514	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	101173	20.0	20.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.7	
S 137 Xylenes, Total	100				0		40.0	40.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	41.7	
S 140 Total BTEX	1				0		100.0	96.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00174	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	20.00	Units: uL	
524FREONS_00024	Amount Added:	20.00	Units: uL	
GASES Li_00602	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 16-Sep-2024 13:21:54 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85016.D

Injection Date: 13-Sep-2024 17:02:30 Instrument ID: CVOAMS17

Lims ID: CCVIS

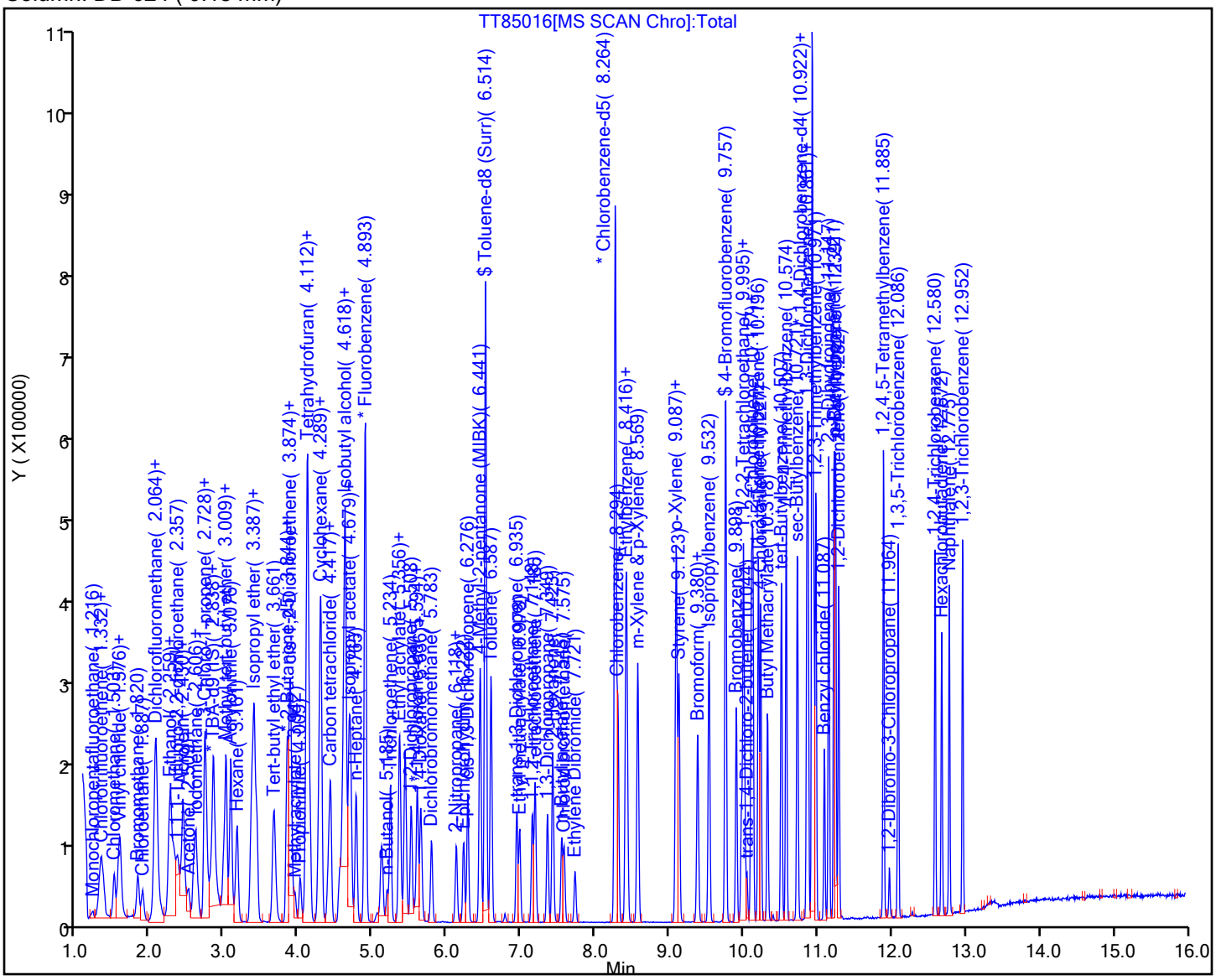
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

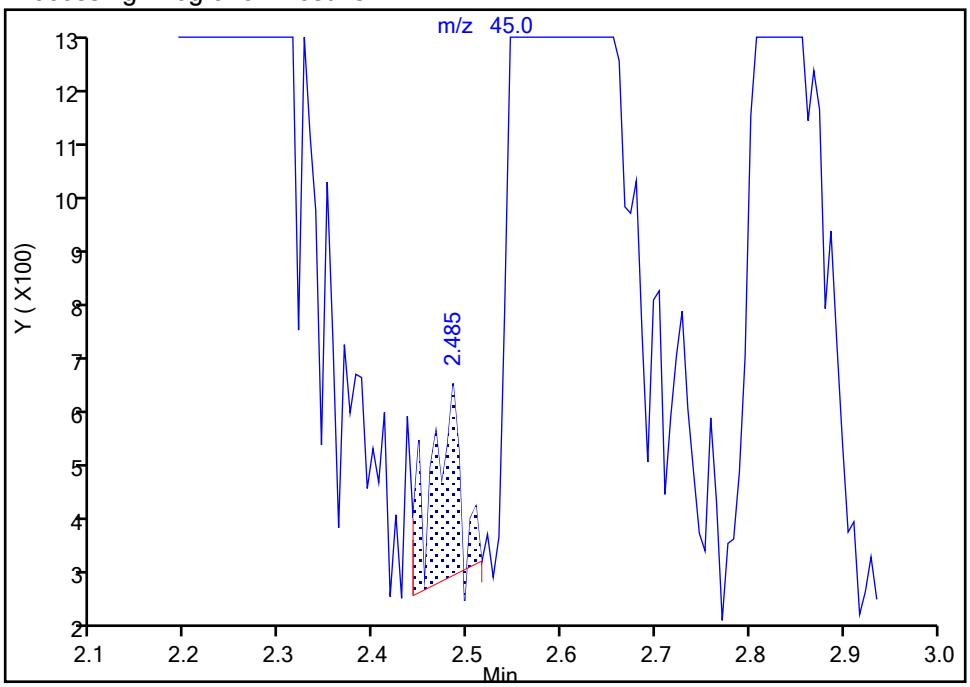
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85016.D
Injection Date: 13-Sep-2024 17:02:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

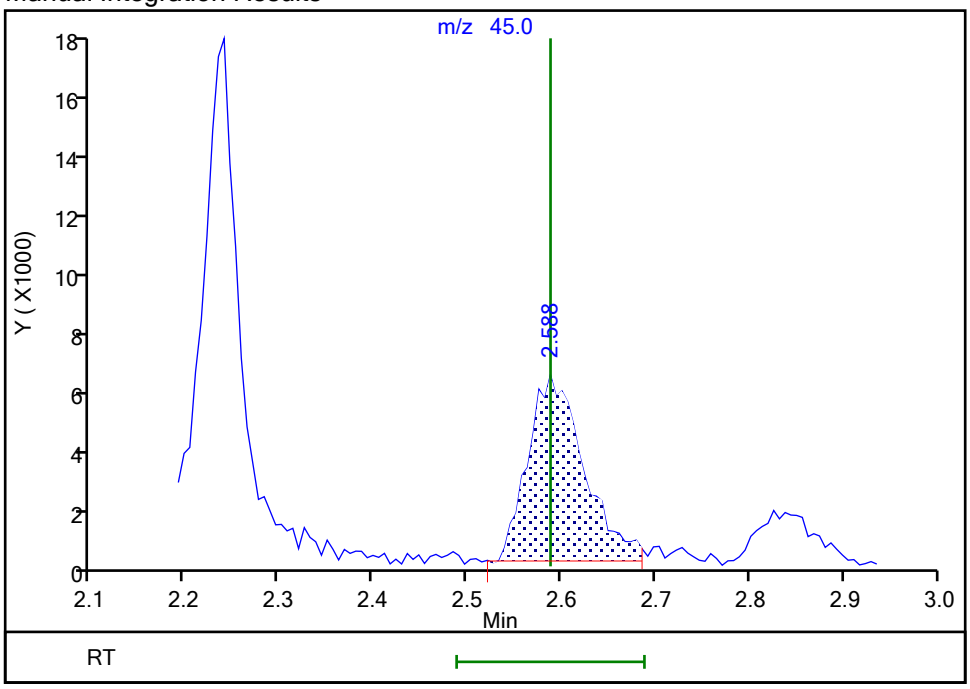
Processing Integration Results

RT: 2.48
Area: 762
Amount: 5.686995
Amount Units: ug/l



Manual Integration Results

RT: 2.59
Area: 24680
Amount: 184.1930
Amount Units: ug/l



Reviewer: C1JX, 13-Sep-2024 17:23:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

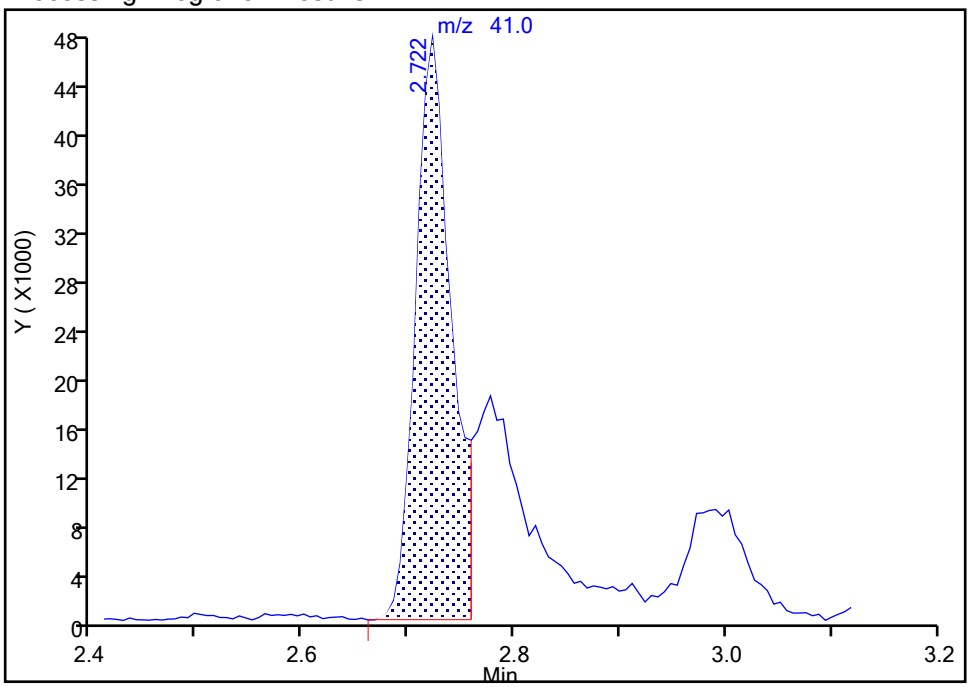
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85016.D
Injection Date: 13-Sep-2024 17:02:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

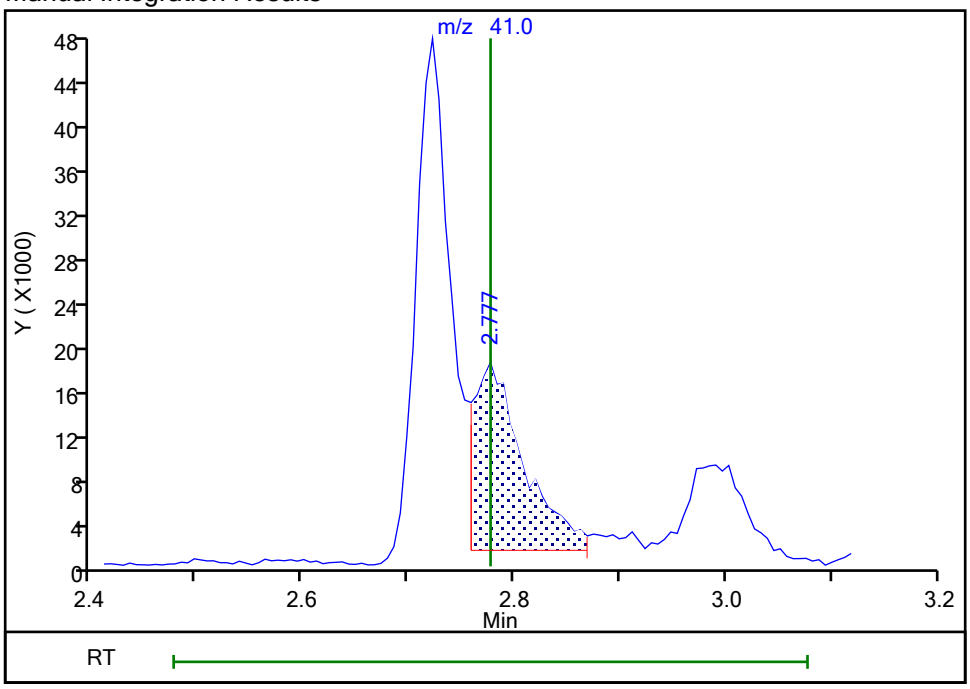
Processing Integration Results

RT: 2.72
Area: 111959
Amount: 352.6065
Amount Units: ug/l



Manual Integration Results

RT: 2.78
Area: 55556
Amount: 174.9695
Amount Units: ug/l



Reviewer: C1JX, 13-Sep-2024 17:23:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab Sample ID: CCVIS 460-995829/3 Calibration Date: 09/14/2024 06:13

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT85051.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	QuaF		0.0010		6.13	20.0	-69.4*	20.0
Chlorotrifluoroethene	QuaF		0.0451		19.0	20.0	-4.9	20.0
1,1-Difluoroethane	Ave	0.1265	0.1134		17.9	20.0	-10.3	20.0
Dichlorodifluoromethane	Ave	0.3006	0.2865	0.1000	19.1	20.0	-4.7	20.0
Chlorodifluoromethane	QuaF		0.0454		25.0	20.0	25.0*	20.0
Chloromethane	Ave	0.3602	0.3825	0.1000	21.2	20.0	6.2	20.0
Vinyl chloride	Ave	0.3161	0.3249	0.1000	20.6	20.0	2.8	20.0
Butadiene	Ave	0.2969	0.3052		20.6	20.0	2.8	20.0
Bromomethane	Ave	0.2231	0.2381	0.1000	21.3	20.0	6.7	50.0
Chloroethane	Ave	0.2083	0.1963	0.1000	18.8	20.0	-5.8	50.0
Dichlorofluoromethane	Ave	0.5320	0.5687		21.4	20.0	6.9	20.0
Trichlorofluoromethane	Ave	0.3198	0.3583	0.1000	22.4	20.0	12.0	20.0
Pentane	QuaF		0.0439		47.4	40.0	18.4	20.0
Ethanol	Lin2		0.3655		719	800	-10.2	50.0
Ethyl ether	Lin2		0.1617		20.9	20.0	4.7	20.0
2-Methyl-1,3-butadiene	Ave	0.2078	0.2328		22.4	20.0	12.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2015	0.2343		23.3	20.0	16.3	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3554	0.3718		20.9	20.0	4.6	20.0
Acrolein	Ave	0.0430	0.0378		35.2	40.0	-12.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1940	0.2229	0.1000	23.0	20.0	14.9	20.0
1,1-Dichloroethene	Ave	0.2362	0.2487	0.1000	21.1	20.0	5.3	20.0
Acetone	Ave	0.7188	0.7153	0.0500	99.5	100	-0.5	50.0
Iodomethane	Ave	0.4063	0.4681		23.0	20.0	15.2	20.0
Isopropyl alcohol	Ave	4.067	4.178		205	200	2.7	50.0
Carbon disulfide	Ave	0.8445	0.9663	0.1000	22.9	20.0	14.4	50.0
3-Chloro-1-propene	Ave	0.1606	0.1748		21.8	20.0	8.8	20.0
Methyl acetate	Ave	0.1987	0.1564	0.1000	31.5	40.0	-21.3*	20.0
Cyclopentene	Ave	0.4960	0.5607		22.6	20.0	13.0	20.0
Acetonitrile	Ave	0.3112	0.3850		247	200	23.7*	20.0
Methylene Chloride	Ave	0.2927	0.3019	0.1000	20.6	20.0	3.2	20.0
2-Methyl-2-propanol	Ave	6.505	6.934		213	200	6.6	50.0
Methyl tert-butyl ether	Ave	0.7287	0.7025	0.1000	19.3	20.0	-3.6	20.0
trans-1,2-Dichloroethene	Ave	0.2540	0.2838	0.1000	22.4	20.0	11.8	20.0
Acrylonitrile	Ave	0.0983	0.0834		170	200	-15.1	20.0
Hexane	Ave	0.2656	0.3589		27.0	20.0	35.1*	20.0
Isopropyl ether	Ave	0.8766	0.9190		21.0	20.0	4.8	20.0
1,1-Dichloroethane	Ave	0.4711	0.5071	0.2000	21.5	20.0	7.6	20.0
Vinyl acetate	Ave	0.3451	0.6167		71.5	40.0	78.7*	20.0
2-Chloro-1,3-butadiene	Ave	0.2130	0.2436		22.9	20.0	14.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab Sample ID: CCVIS 460-995829/3 Calibration Date: 09/14/2024 06:13

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT85051.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.7812	0.8352		21.4	20.0	6.9	20.0
2,2-Dichloropropane	Ave	0.0723	0.1010		27.9	20.0	39.6*	20.0
cis-1,2-Dichloroethene	Ave	0.2875	0.3052	0.1000	21.2	20.0	6.1	20.0
2-Butanone (MEK)	Ave	0.2625	0.2905	0.0500	111	100	10.6	50.0
Ethyl acetate	Ave	0.2301	0.3008		52.3	40.0	30.7*	20.0
Methyl acrylate	Ave	0.2101	0.1867		17.8	20.0	-11.1	20.0
Propionitrile	Ave	11.46	10.47		183	200	-8.6	20.0
Chlorobromomethane	Ave	0.1405	0.1435		20.4	20.0	2.1	20.0
Tetrahydrofuran	Ave	0.3152	0.3404		43.2	40.0	8.0	20.0
Methacrylonitrile	Ave	0.0993	0.0934		188	200	-5.9	20.0
Chloroform	Ave	0.4194	0.4659	0.2000	22.2	20.0	11.1	20.0
Cyclohexane	Ave	0.3244	0.3897	0.1000	24.0	20.0	20.1	50.0
1,1,1-Trichloroethane	Ave	0.3093	0.3803	0.1000	24.6	20.0	22.9*	20.0
Carbon tetrachloride	Ave	0.2043	0.3073	0.1000	30.1	20.0	50.4*	20.0
1,1-Dichloropropene	Ave	0.3177	0.3722		23.4	20.0	17.1	20.0
Isobutyl alcohol	Ave	2.174	2.573		592	500	18.3	50.0
Isooctane	Ave	0.7470	0.9117		24.4	20.0	22.0*	20.0
Benzene	Ave	1.461	1.567	0.5000	21.5	20.0	7.3	20.0
Isopropyl acetate	Ave	0.1306	0.1233		18.9	20.0	-5.6	20.0
Tert-amyl methyl ether	Ave	0.7929	0.7971		20.1	20.0	0.5	20.0
1,2-Dichloroethane	Ave	0.3263	0.3129	0.1000	19.2	20.0	-4.1	20.0
n-Heptane	Ave	0.0441	0.0607		27.5	20.0	37.5*	20.0
n-Butanol	Ave	1.455	1.843		633	500	26.6	50.0
Trichloroethene	Ave	0.2372	0.2712	0.2000	22.9	20.0	14.4	20.0
Ethyl acrylate	QuaF		0.0339		17.4	20.0	-13.1	20.0
Methylcyclohexane	Ave	0.3708	0.4427	0.1000	23.9	20.0	19.4	50.0
1,2-Dichloropropane	Ave	0.2654	0.2838	0.1000	21.4	20.0	6.9	20.0
Methyl methacrylate	Ave	0.0558	0.0550		39.5	40.0	-1.3	20.0
1,4-Dioxane	Ave	1.087	1.099		405	400	1.2	50.0
Dibromomethane	Ave	0.1525	0.1531		20.1	20.0	0.4	20.0
n-Propyl acetate	Ave	0.3434	0.3071		17.9	20.0	-10.6	20.0
Dichlorobromomethane	Ave	0.2749	0.3106	0.2000	22.6	20.0	13.0	20.0
2-Nitropropane	QuaF		0.0419		52.0	40.0	30.0*	20.0
2-Chloroethyl vinyl ether	Ave	0.1646	0.1427		17.4	20.0	-13.3	20.0
Epichlorohydrin	Ave	0.2121	0.2521		475	400	18.9	20.0
cis-1,3-Dichloropropene	Ave	0.5312	0.6062	0.2000	22.8	20.0	14.1	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.8755	1.058	0.0500	121	100	20.9	50.0
Toluene	Ave	1.570	1.592	0.4000	20.3	20.0	1.4	20.0
trans-1,3-Dichloropropene	Ave	0.4470	0.4883	0.1000	21.8	20.0	9.2	50.0
Ethyl methacrylate	QuaF		0.4174		17.9	20.0	-10.4	20.0
1,1,2-Trichloroethane	Ave	0.2577	0.2632	0.1000	20.4	20.0	2.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab Sample ID: CCVIS 460-995829/3 Calibration Date: 09/14/2024 06:13

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT85051.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.3289	0.3818	0.2000	23.2	20.0	16.1	20.0
1,3-Dichloropropane	Ave	0.5184	0.5083		19.6	20.0	-2.0	20.0
2-Hexanone	Ave	1.396	1.632	0.0500	117	100	16.9	50.0
n-Butyl acetate	Ave	0.4716	0.4855		20.6	20.0	2.9	20.0
Chlorodibromomethane	Ave	0.2453	0.3121	0.1000	25.4	20.0	27.2	50.0
Ethylene Dibromide	Ave	0.2890	0.2839	0.1000	19.6	20.0	-1.8	20.0
Chlorobenzene	Ave	0.9125	1.016	0.5000	22.3	20.0	11.4	20.0
Ethylbenzene	Ave	0.4930	0.5537	0.1000	22.5	20.0	12.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2656	0.3422		25.8	20.0	28.9*	20.0
m-Xylene & p-Xylene	Ave	0.5904	0.6868	0.1000	23.3	20.0	16.3	20.0
o-Xylene	Ave	0.6027	0.6965	0.3000	23.1	20.0	15.6	20.0
n-Butyl acrylate	Ave	0.2000	0.2614		26.1	20.0	30.7*	20.0
Styrene	Ave	0.9541	1.103	0.3000	23.1	20.0	15.6	20.0
Bromoform	Qua2		0.1946	0.1000	27.4	20.0	37.2*	20.0
Amyl acetate (mixed isomers)	QuaF		1.104		17.0	20.0	-14.8	20.0
Isopropylbenzene	Ave	1.370	1.584	0.1000	23.1	20.0	15.6	20.0
Bromobenzene	Ave	0.7116	0.7727		21.7	20.0	8.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6869	0.6788	0.3000	19.8	20.0	-1.2	20.0
N-Propylbenzene	Ave	3.228	3.701		22.9	20.0	14.6	20.0
1,2,3-Trichloropropane	Ave	0.1961	0.1927		19.7	20.0	-1.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1589	0.1209		15.2	20.0	-23.9*	20.0
2-Chlorotoluene	Ave	2.266	2.515		22.2	20.0	11.0	20.0
4-Ethyltoluene	Ave	2.704	3.055		22.6	20.0	13.0	20.0
1,3,5-Trimethylbenzene	Ave	2.237	2.545		22.8	20.0	13.8	20.0
4-Chlorotoluene	Ave	2.178	2.482		22.8	20.0	14.0	20.0
Butyl Methacrylate	QuaF		0.8727		20.2	20.0	1.2	20.0
tert-Butylbenzene	Ave	1.879	2.152		22.9	20.0	14.6	20.0
1,2,4-Trimethylbenzene	Ave	2.330	2.693		23.1	20.0	15.6	20.0
sec-Butylbenzene	Ave	2.850	3.367		23.6	20.0	18.1	20.0
1,3-Dichlorobenzene	Ave	1.391	1.541	0.6000	22.2	20.0	10.8	20.0
4-Isopropyltoluene	Ave	2.442	2.922		23.9	20.0	19.7	20.0
1,4-Dichlorobenzene	Ave	1.387	1.563	0.5000	22.5	20.0	12.7	20.0
1,2,3-Trimethylbenzene	Ave	2.532	2.880		22.8	20.0	13.8	20.0
Benzyl chloride	Ave	0.9797	1.324		27.0	20.0	35.2	50.0
Indan	Ave	2.407	2.779		23.1	20.0	15.5	20.0
p-Diethylbenzene	Ave	1.560	1.849		23.7	20.0	18.5	20.0
n-Butylbenzene	Ave	1.337	1.571		23.5	20.0	17.5	20.0
1,2-Dichlorobenzene	Ave	1.367	1.527	0.4000	22.3	20.0	11.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.441	2.781		22.8	20.0	13.9	20.0
1,2-Dibromo-3-Chloropropane	QuaF		0.0960	0.0500	19.5	20.0	-2.3	50.0
1,3,5-Trichlorobenzene	Ave	1.165	1.331		22.8	20.0	14.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Lab Sample ID: CCVIS 460-995829/3 Calibration Date: 09/14/2024 06:13

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT85051.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.045	1.214	0.2000	23.2	20.0	16.2	20.0
Hexachlorobutadiene	Ave	0.5373	0.6254		23.3	20.0	16.4	20.0
Naphthalene	Ave	2.439	2.494		20.5	20.0	2.3	50.0
1,2,3-Trichlorobenzene	Ave	1.072	1.176		21.9	20.0	9.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2420	0.2466		50.9	50.0	1.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2861	0.2574		45.0	50.0	-10.0	20.0
Toluene-d8 (Surr)	Ave	1.339	1.344		50.2	50.0	0.3	20.0
4-Bromofluorobenzene	Ave	0.4204	0.4301		51.2	50.0	2.3	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85051.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 14-Sep-2024 06:13:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0180834-003
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2024 10:16:46 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1668

First Level Reviewer: FK2C Date: 14-Sep-2024 06:34:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.216	1.216	0.000	27	247	20.0	6.13	
3 Chlorotrifluoroethene	116	1.296	1.296	0.000	84	11087	20.0	19.0	
2 1,1-Difluoroethane	65	1.320	1.320	0.000	99	27860	20.0	17.9	
4 Dichlorodifluoromethane	85	1.332	1.332	0.000	98	70380	20.0	19.1	
5 Chlorodifluoromethane	67	1.357	1.357	0.000	97	11163	20.0	25.0	
6 Chloromethane	50	1.503	1.503	0.000	99	93956	20.0	21.2	
7 Vinyl chloride	62	1.552	1.552	0.000	97	79802	20.0	20.6	
8 Butadiene	54	1.576	1.576	0.000	97	74969	20.0	20.6	
9 Bromomethane	94	1.820	1.820	0.000	98	58488	20.0	21.3	
10 Chloroethane	64	1.887	1.887	0.000	99	48223	20.0	18.8	
11 Dichlorofluoromethane	67	2.052	2.052	0.000	98	139704	20.0	21.4	
12 Trichlorofluoromethane	101	2.064	2.064	0.000	51	88005	20.0	22.4	
13 Pentane	72	2.070	2.070	0.000	96	21584	40.0	47.4	
14 Ethanol	46	2.204	2.204	0.000	70	10135	800.0	718.7	a
15 Ethyl ether	74	2.241	2.241	0.000	94	39710	20.0	20.9	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	96	57181	20.0	22.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.295	2.295	0.000	87	57565	20.0	23.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.363	2.363	0.000	91	91334	20.0	20.9	
19 Acrolein	56	2.393	2.393	0.000	91	18580	40.0	35.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.424	2.424	0.000	96	54741	20.0	23.0	
21 1,1-Dichloroethene	96	2.436	2.436	0.000	97	61094	20.0	21.1	
22 Acetone	43	2.509	2.509	0.000	86	70191	100.0	99.5	
23 Iodomethane	142	2.576	2.576	0.000	96	114991	20.0	23.0	
25 Isopropyl alcohol	45	2.594	2.594	0.000	30	28967	200.0	205.5	a
24 Carbon disulfide	76	2.606	2.606	0.000	99	237362	20.0	22.9	
26 3-Chloro-1-propene	76	2.722	2.722	0.000	94	42943	20.0	21.8	
27 Methyl acetate	43	2.734	2.734	0.000	73	76859	40.0	31.5	
28 Cyclopentene	67	2.741	2.741	0.000	94	137729	20.0	22.6	
29 Acetonitrile	41	2.777	2.777	0.000	92	75570	200.0	247.5	a
* 31 TBA-d9 (IS)	66	2.844	2.844	0.000	0	34665	1000.0	1000.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.844	2.844	0.000	94	74162	20.0	20.6	
32 2-Methyl-2-propanol	59	2.899	2.899	0.000	98	48072	200.0	213.2	
33 Methyl tert-butyl ether	73	2.997	2.997	0.000	98	172569	20.0	19.3	
34 trans-1,2-Dichloroethene	96	3.015	3.015	0.000	95	69718	20.0	22.4	
35 Acrylonitrile	53	3.076	3.076	0.000	95	204898	200.0	169.8	
36 Hexane	57	3.161	3.161	0.000	92	88162	20.0	27.0	
37 Isopropyl ether	45	3.362	3.362	0.000	95	225744	20.0	21.0	
38 1,1-Dichloroethane	63	3.387	3.387	0.000	99	124553	20.0	21.5	
39 Vinyl acetate	86	3.399	3.399	0.000	100	24208	40.0	71.5	
40 2-Chloro-1,3-butadiene	88	3.429	3.429	0.000	89	59835	20.0	22.9	
41 Tert-butyl ethyl ether	59	3.661	3.661	0.000	89	205169	20.0	21.4	
* 42 2-Butanone-d5	46	3.838	3.838	0.000	0	245331	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.868	0.000	90	24813	20.0	27.9	
44 cis-1,2-Dichloroethene	96	3.881	3.881	0.000	95	74962	20.0	21.2	
45 2-Butanone (MEK)	72	3.893	3.893	0.000	96	28505	100.0	110.6	
46 Ethyl acetate	70	3.893	3.893	0.000	94	11808	40.0	52.3	
47 Methyl acrylate	55	3.948	3.948	0.000	100	45855	20.0	17.8	
48 Propionitrile	54	4.021	4.021	0.000	98	72567	200.0	182.7	
50 Tetrahydrofuran	72	4.088	4.088	0.000	52	13363	40.0	43.2	
49 Chlorobromomethane	128	4.088	4.088	0.000	90	35261	20.0	20.4	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	229477	200.0	188.2	
52 Chloroform	83	4.149	4.149	0.000	98	114443	20.0	22.2	
53 Cyclohexane	84	4.271	4.271	0.000	91	95715	20.0	24.0	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	95	93411	20.0	24.6	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.295	0.000	97	151415	50.0	50.9	
56 Carbon tetrachloride	117	4.399	4.399	0.000	97	75485	20.0	30.1	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	91423	20.0	23.4	
58 Isobutyl alcohol	43	4.545	4.545	0.000	97	44593	500.0	591.6	
59 Isooctane	57	4.588	4.588	0.000	98	223948	20.0	24.4	
60 Benzene	78	4.612	4.612	0.000	97	273956	20.0	21.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.630	0.000	0	158044	50.0	45.0	
63 Isopropyl acetate	61	4.679	4.679	0.000	91	30286	20.0	18.9	
62 Tert-amyl methyl ether	73	4.679	4.679	0.000	85	195793	20.0	20.1	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	96	76870	20.0	19.2	
65 n-Heptane	100	4.771	4.771	0.000	94	14906	20.0	27.5	
* 66 Fluorobenzene	96	4.893	4.893	0.000	99	614098	50.0	50.0	
67 n-Butanol	56	5.191	5.191	0.000	87	31938	500.0	633.2	
68 Trichloroethene	95	5.228	5.228	0.000	98	66626	20.0	22.9	
70 Ethyl acrylate	99	5.350	5.350	0.000	94	8315	20.0	17.4	
69 Methylcyclohexane	83	5.356	5.356	0.000	83	108753	20.0	23.9	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	93	69712	20.0	21.4	
* 72 1,4-Dioxane-d8	96	5.557	5.557	0.000	0	24429	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	89	27024	40.0	39.5	
75 1,4-Dioxane	88	5.612	5.612	0.000	86	10742	400.0	404.7	
74 Dibromomethane	93	5.636	5.636	0.000	96	37611	20.0	20.1	
76 n-Propyl acetate	43	5.648	5.648	0.000	98	75441	20.0	17.9	
77 Dichlorobromomethane	83	5.789	5.789	0.000	99	76288	20.0	22.6	
78 2-Nitropropane	41	6.112	6.112	0.000	83	20569	40.0	52.0	
79 2-Chloroethyl vinyl ether	63	6.118	6.118	0.000	89	35145	20.0	17.4	
80 Epichlorohydrin	57	6.215	6.215	0.000	99	98964	400.0	475.5	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	105993	20.0	22.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	103836	100.0	120.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	587262	50.0	50.2	
84 Toluene	91	6.587	6.587	0.000	94	278372	20.0	20.3	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	97	85380	20.0	21.8	
86 Ethyl methacrylate	69	6.978	6.978	0.000	91	72974	20.0	17.9	
87 1,1,2-Trichloroethane	83	7.148	7.148	0.000	96	46011	20.0	20.4	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	66754	20.0	23.2	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	88865	20.0	19.6	
90 2-Hexanone	43	7.423	7.423	0.000	96	160178	100.0	116.9	
91 n-Butyl acetate	43	7.544	7.544	0.000	99	84877	20.0	20.6	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	54564	20.0	25.4	
93 Ethylene Dibromide	107	7.721	7.721	0.000	97	49632	20.0	19.6	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	85	437104	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	177726	20.0	22.3	
96 Ethylbenzene	106	8.410	8.410	0.000	98	96809	20.0	22.5	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.428	0.000	96	59827	20.0	25.8	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	120077	20.0	23.3	
99 o-Xylene	106	9.087	9.087	0.000	95	121783	20.0	23.1	
100 n-Butyl acrylate	73	9.093	9.093	0.000	99	45711	20.0	26.1	
101 Styrene	104	9.123	9.123	0.000	95	192764	20.0	23.1	
102 Bromoform	173	9.373	9.373	0.000	97	34021	20.0	27.4	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	91	108884	20.0	17.0	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	276945	20.0	23.1	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	95	187989	50.0	51.2	
106 Bromobenzene	156	9.898	9.898	0.000	99	76194	20.0	21.7	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	99	66933	20.0	19.8	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	364937	20.0	22.9	
109 1,2,3-Trichloropropane	110	10.013	10.013	0.000	97	18996	20.0	19.7	
110 trans-1,4-Dichloro-2-butene	53	10.038	10.038	0.000	87	11917	20.0	15.2	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	247989	20.0	22.2	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	301244	20.0	22.6	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	94	250991	20.0	22.8	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	244764	20.0	22.8	
115 Butyl Methacrylate	87	10.324	10.324	0.000	90	86052	20.0	20.2	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	212237	20.0	22.9	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	265562	20.0	23.1	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	331993	20.0	23.6	
119 1,3-Dichlorobenzene	146	10.849	10.849	0.000	96	151945	20.0	22.2	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	288081	20.0	23.9	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	246507	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	154095	20.0	22.5	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	283984	20.0	22.8	
124 Benzyl chloride	91	11.086	11.086	0.000	99	130569	20.0	27.0	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	274027	20.0	23.1	
126 p-Diethylbenzene	119	11.214	11.214	0.000	94	182297	20.0	23.7	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	154943	20.0	23.5	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	150553	20.0	22.3	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	274187	20.0	22.8	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	96	9465	20.0	19.5	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	131214	20.0	22.8	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	93	119685	20.0	23.2	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	98	61663	20.0	23.3	
134 Naphthalene	128	12.775	12.775	0.000	100	245882	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	96	115984	20.0	21.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.6	
S 137 Xylenes, Total	100				0		40.0	46.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.7	
S 140 Total BTEX	1				0		100.0	110.6	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00174	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	20.00	Units: uL	
524FREONS_00024	Amount Added:	20.00	Units: uL	
GASES Li_00602	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 14-Sep-2024 10:16:47 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85051.D

Injection Date: 14-Sep-2024 06:13:30 Instrument ID: CVOAMS17

Lims ID: CCVIS

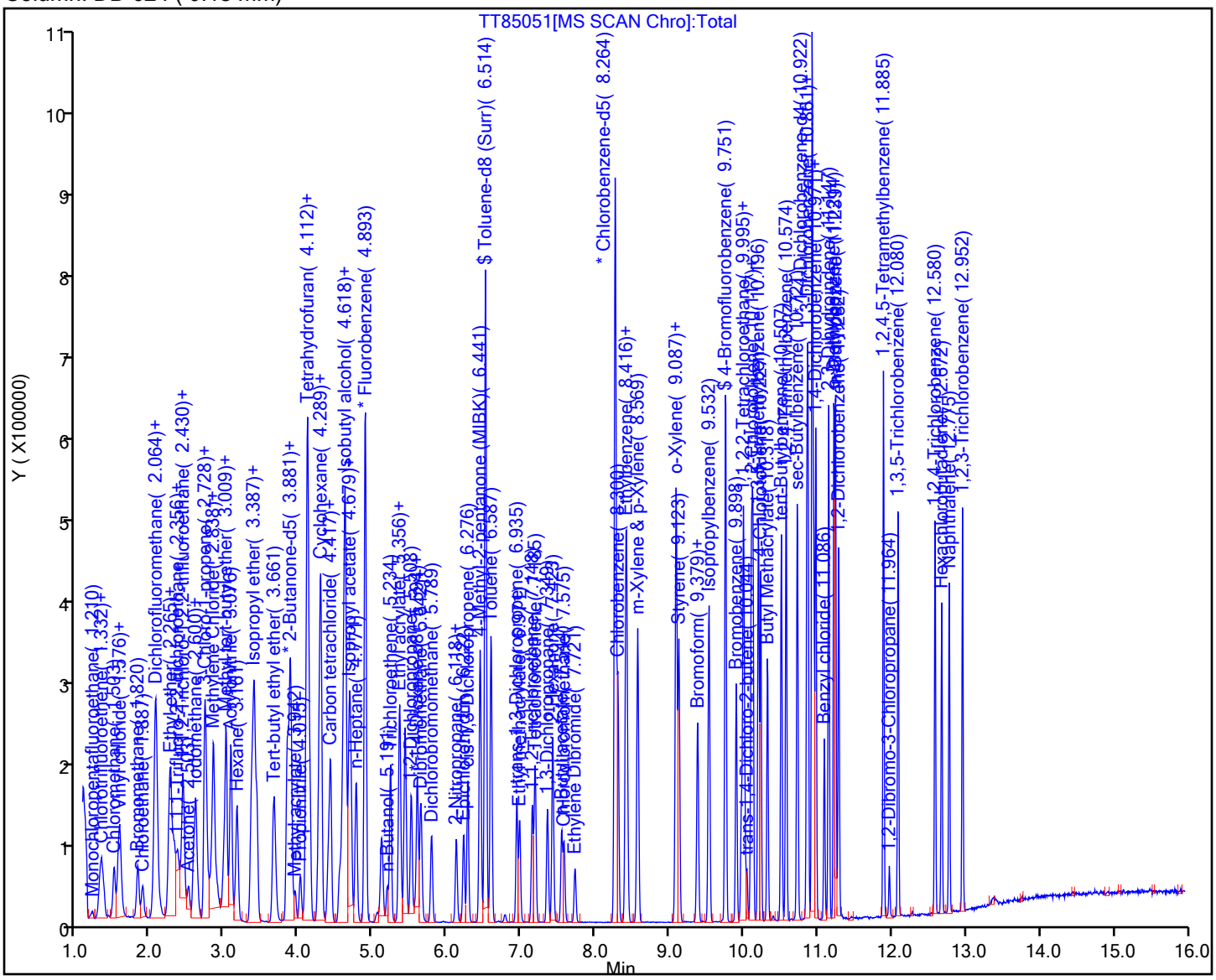
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

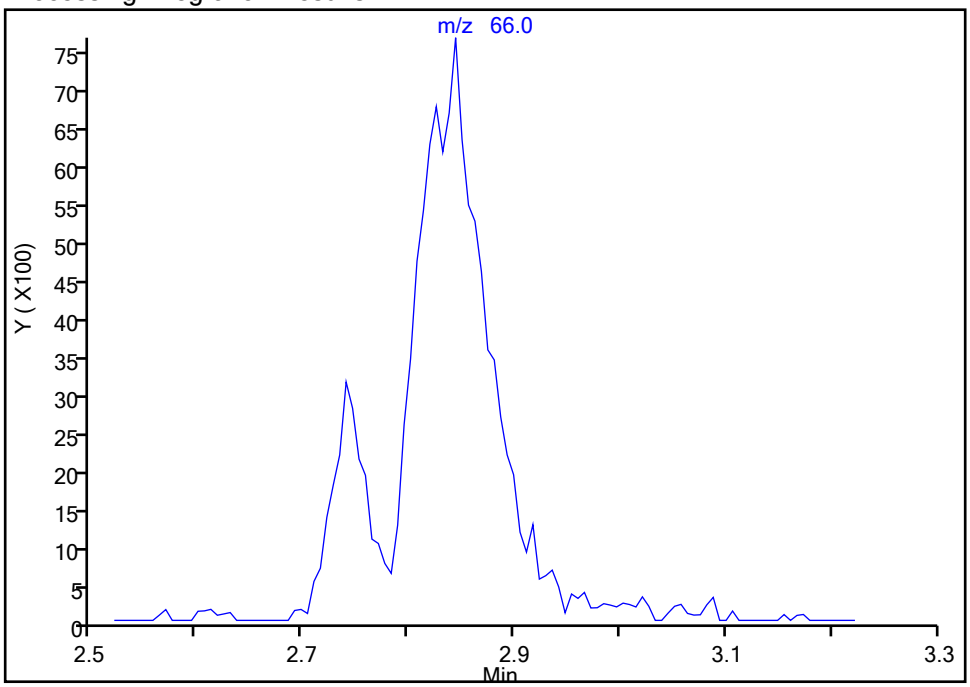
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85051.D
Injection Date: 14-Sep-2024 06:13:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

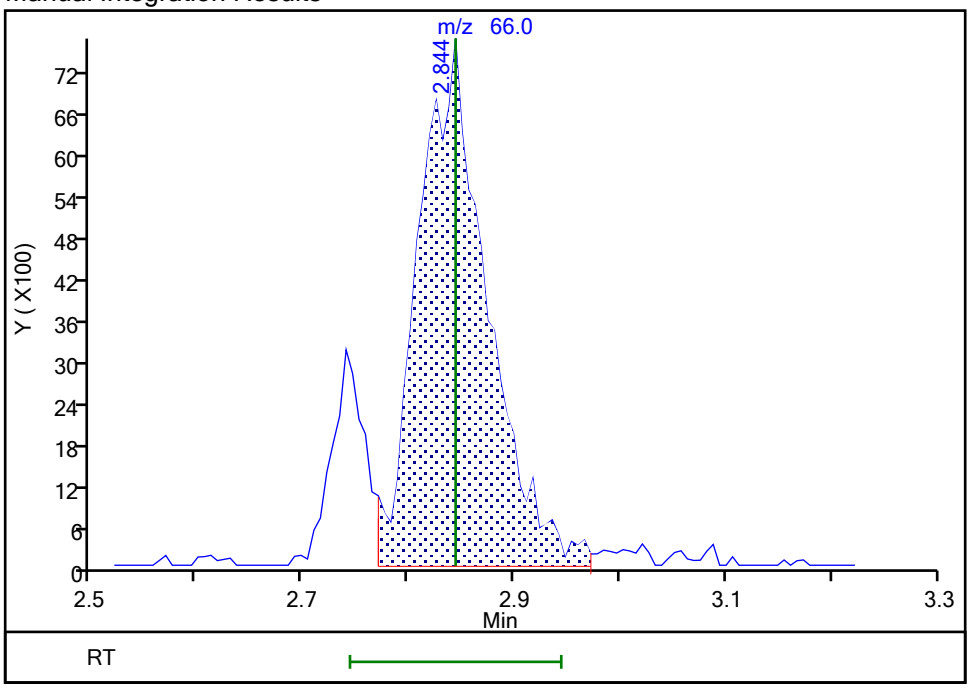
Not Detected
Expected RT: 2.84

Processing Integration Results



Manual Integration Results

RT: 2.84
Area: 34665
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 14-Sep-2024 06:33:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

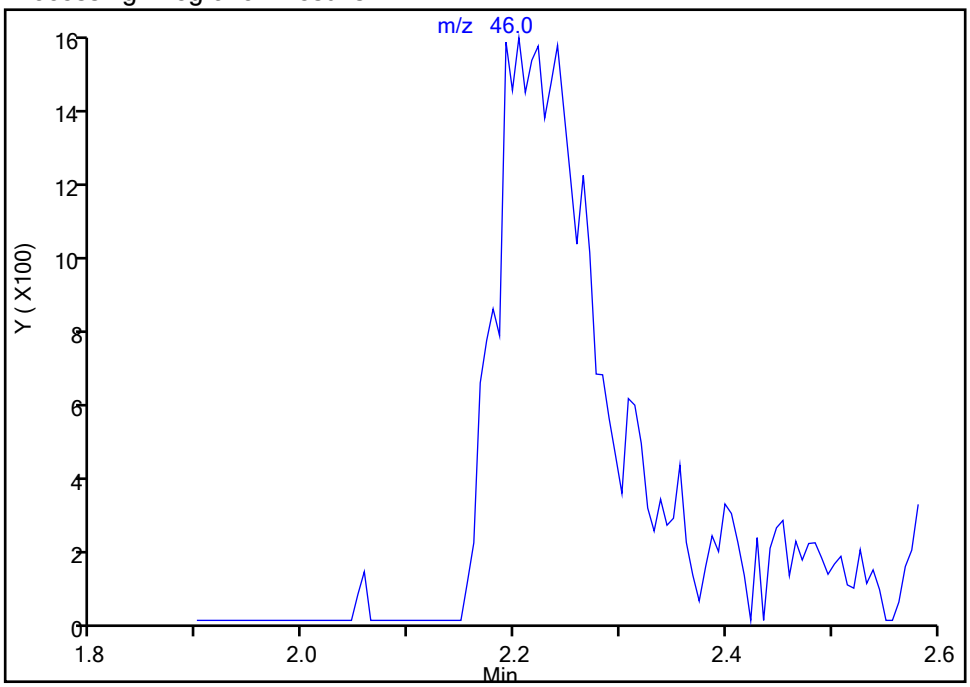
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85051.D
Injection Date: 14-Sep-2024 06:13:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

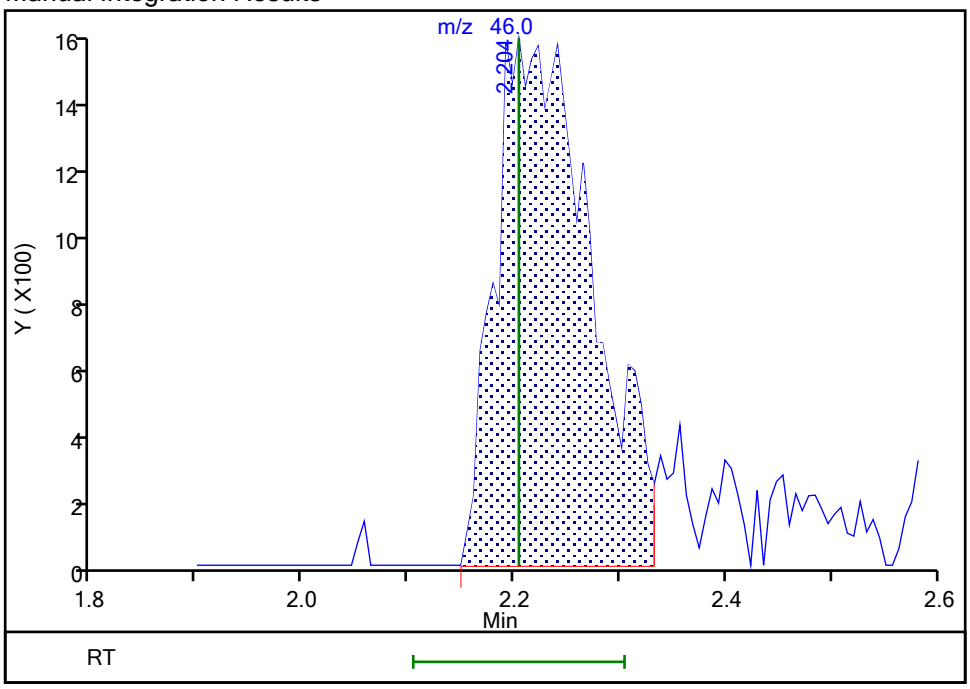
Not Detected
Expected RT: 2.20

Processing Integration Results



Manual Integration Results

RT: 2.20
Area: 10135
Amount: 718.7475
Amount Units: ug/l



Reviewer: FK2C, 14-Sep-2024 06:33:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

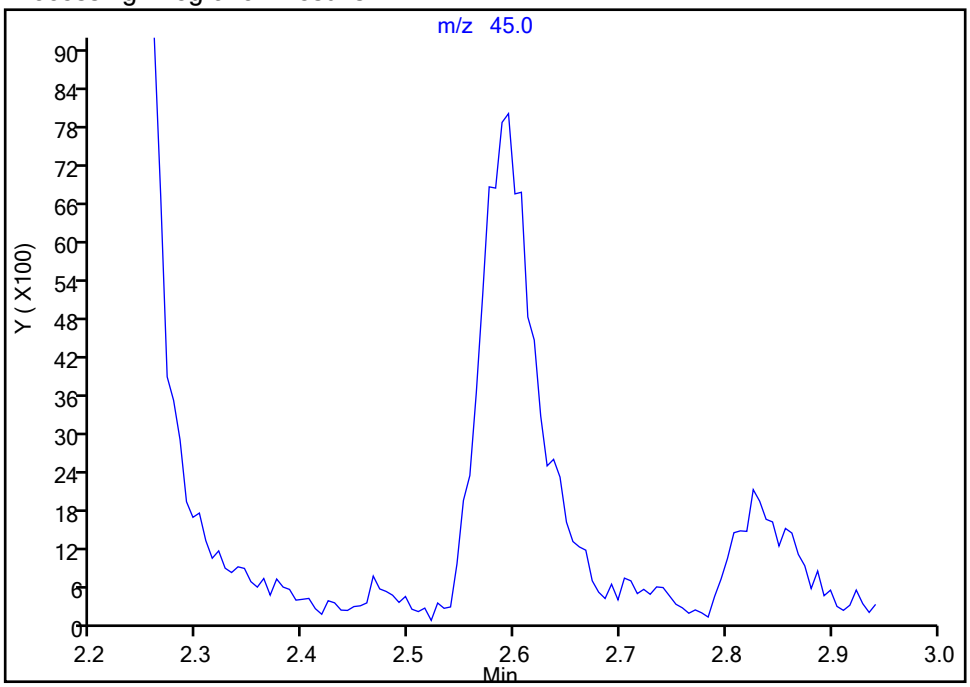
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85051.D
Injection Date: 14-Sep-2024 06:13:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

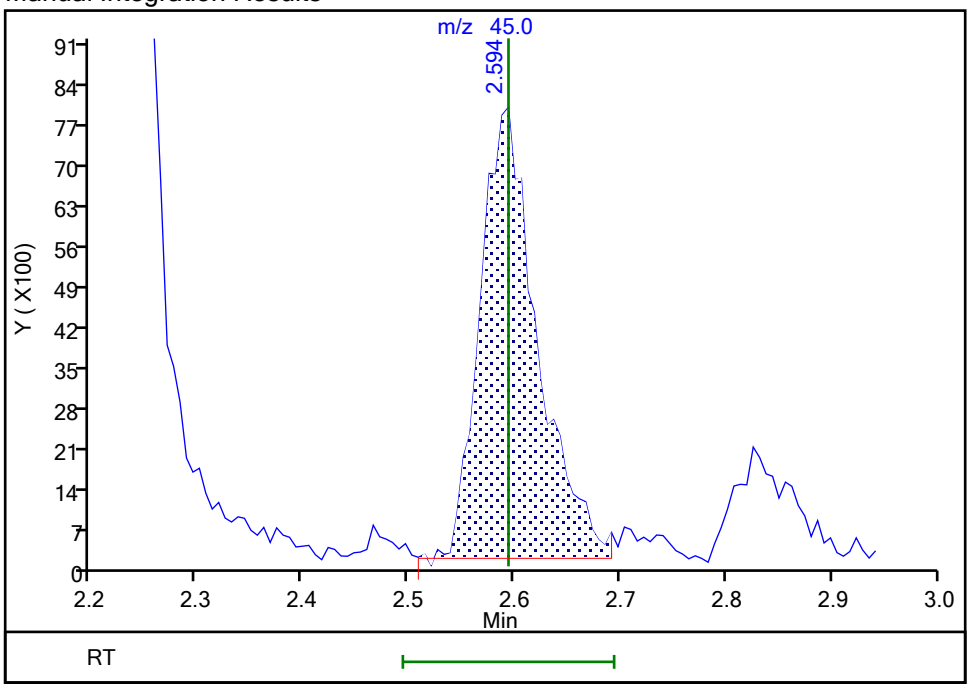
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 28967
Amount: 205.4736
Amount Units: ug/l



Reviewer: FK2C, 14-Sep-2024 06:33:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

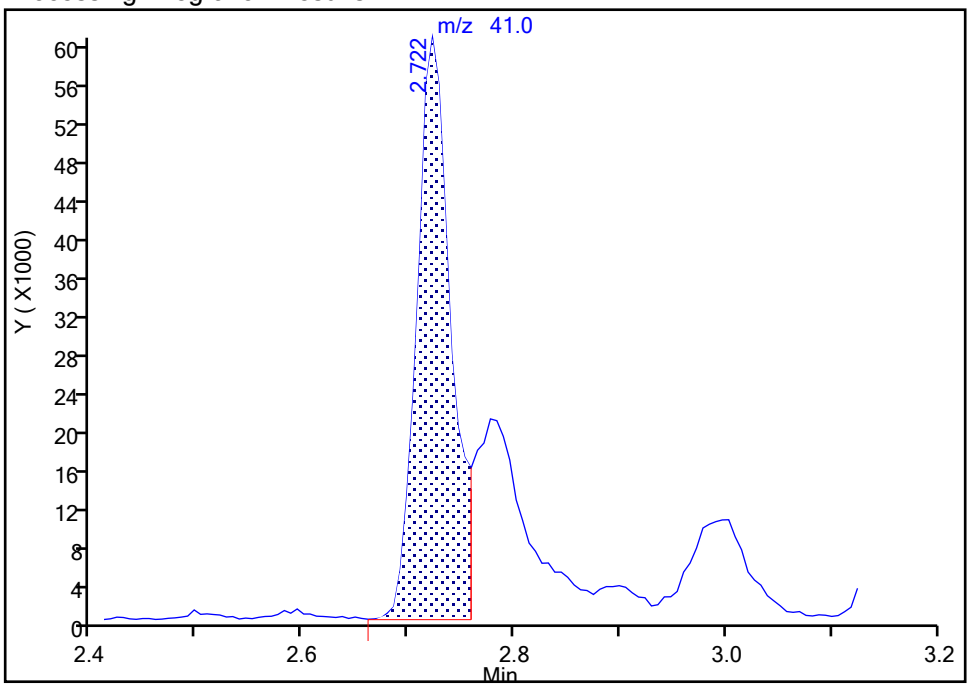
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85051.D
Injection Date: 14-Sep-2024 06:13:30 Instrument ID: CVOAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

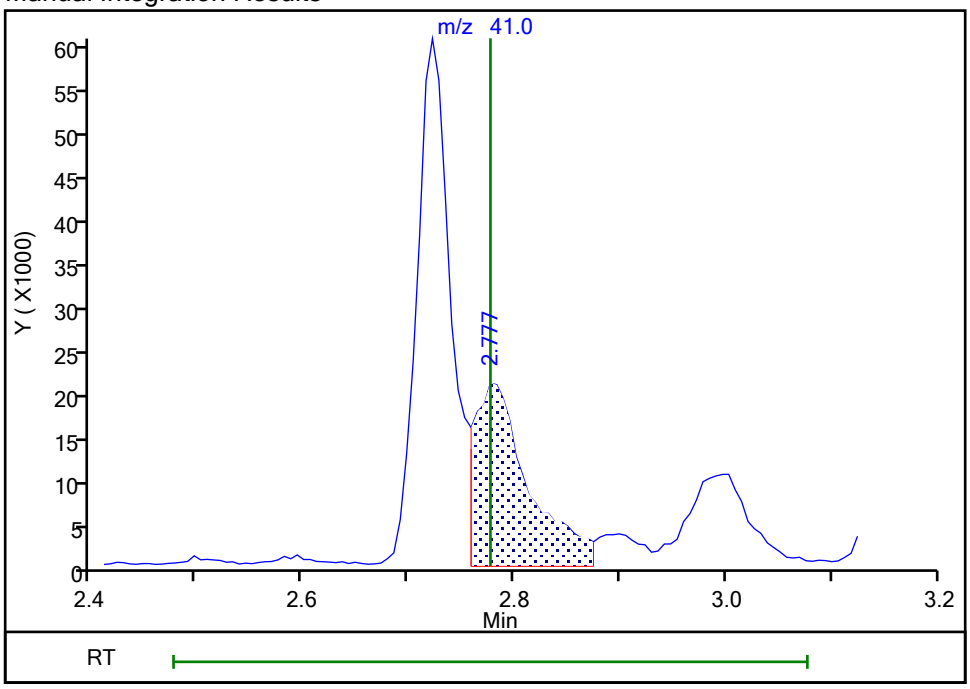
Processing Integration Results

RT: 2.72
Area: 137889
Amount: 451.5318
Amount Units: ug/l



Manual Integration Results

RT: 2.78
Area: 75570
Amount: 247.4618
Amount Units: ug/l



Reviewer: FK2C, 14-Sep-2024 06:33:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 30-Aug-2024 19:20:50 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	30-Aug-2024 07:27:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0180225-001				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	30-Aug-2024 19:20:49	Calib Date:	30-Aug-2024 10:24:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1636				
First Level Reviewer: FK2C		Date:	30-Aug-2024 08:28:16		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

QC Flag Legend

Processing Flags

8 - Failed MS Tune Ratio Test

Reagents:

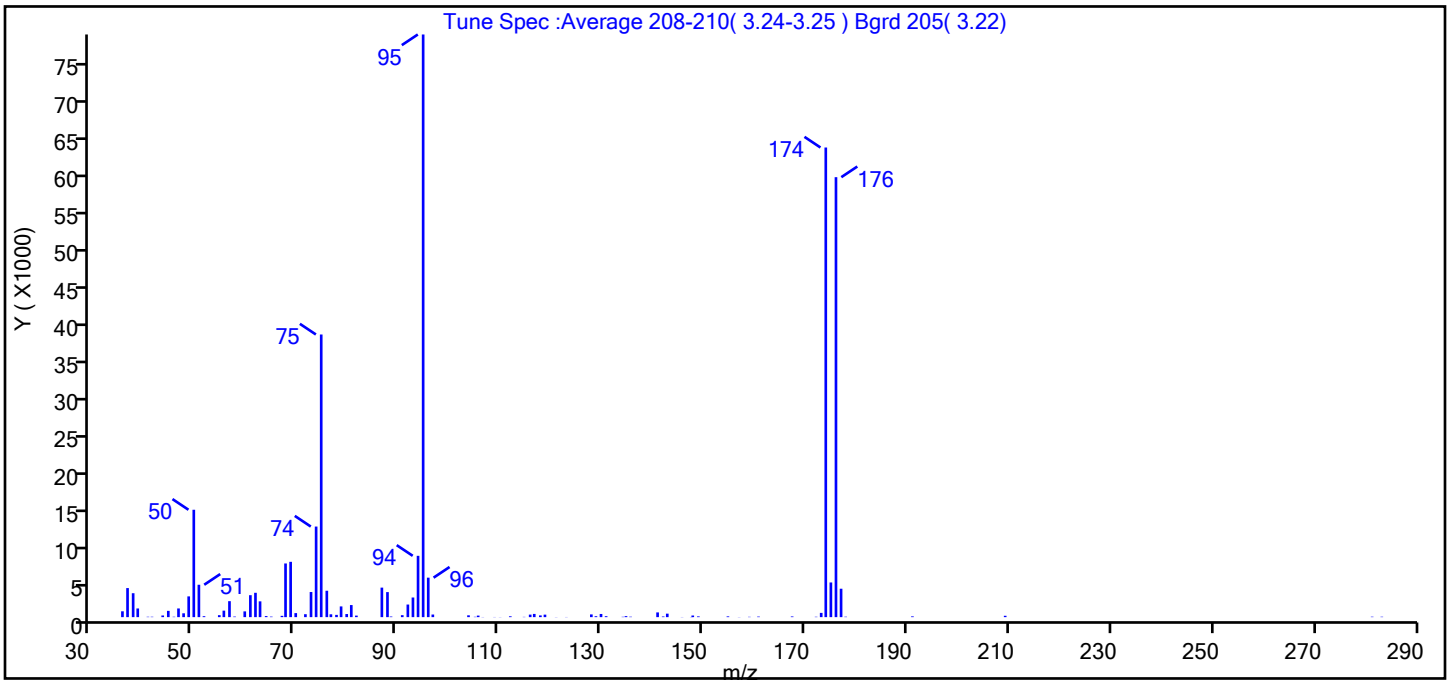
BFB_00036 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D
Injection Date: 30-Aug-2024 07:27:30 Instrument ID: CVOAMS17
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (124.1)
96	5 to 9% of m/z 95	6.8
173	<2% of m/z 174	0.7 (0.9)
174	50 to 200% of m/z 95	80.6
175	5 to 9% of m/z 174	6.0 (7.4)
176	95 to 105% of m/z 174	75.5 (93.7)*
177	5 to 10% of m/z 176	4.9 (6.5)

Report Date: 30-Aug-2024 19:20:50 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D\8260W_17.rslt\spectra.d
Injection Date: 30-Aug-2024 07:27:30
Spectrum: Tune Spec :Average 208-210(3.24-3.25) Bgrd 205(3.22)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 94

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	784	65.00	70	96.00	5292	142.00	86
37.00	3897	67.00	174	97.00	352	143.00	468
38.00	3207	68.00	7196	104.00	245	146.00	20
39.00	1163	69.00	7416	105.00	47	148.00	20
41.00	51	70.00	541	106.00	208	148.00	218
42.00	53	72.00	395	107.00	20	149.00	99
44.00	222	73.00	3367	109.00	22	155.00	102
45.00	843	74.00	12143	110.00	17	157.00	19
46.00	53	75.00	37888	112.00	112	159.00	43
47.00	1165	76.00	3539	115.00	36	161.00	75
48.00	516	77.00	382	116.00	339	167.00	92
49.00	2782	78.00	304	117.00	432	172.00	51
50.00	14395	79.00	1438	118.00	232	173.00	571
51.00	4342	80.00	416	119.00	335	174.00	62952
52.00	125	81.00	1620	121.00	18	175.00	4648
55.00	264	82.00	207	123.00	22	176.00	58976
56.00	872	87.00	3958	128.00	365	177.00	3810
57.00	2142	88.00	3356	129.00	123	178.00	58
58.00	77	89.00	82	130.00	425	191.00	102
60.00	772	91.00	264	131.00	124	209.00	183
61.00	2943	92.00	1690	134.00	47	281.00	60
62.00	3264	93.00	2632	135.00	136	283.00	56
63.00	2117	94.00	8220	136.00	59		
64.00	145	95.00	78104	141.00	634		

Report Date: 30-Aug-2024 19:20:50 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D

Injection Date: 30-Aug-2024 07:27:30 Instrument ID: CVOAMS17

Lims ID: BFB

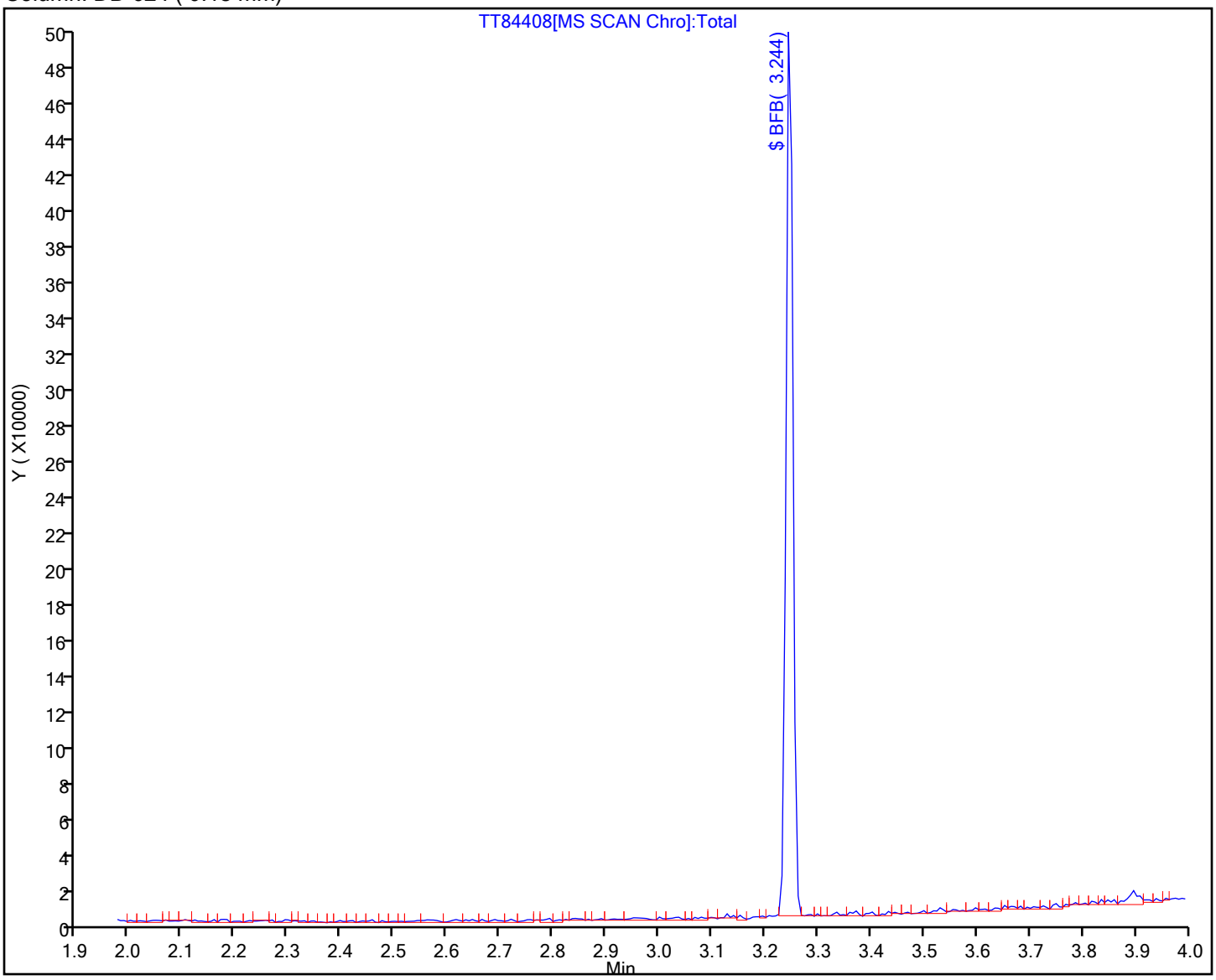
Client ID:

Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-995734/38

Matrix: Water | Lab File ID: TT85024.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/13/2024 21:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-995734/38

Matrix: Water | Lab File ID: TT85024.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/13/2024 21:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-995734/38

Matrix: Water | Lab File ID: TT85024.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/13/2024 21:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Report Date: 16-Sep-2024 13:24:59 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85024.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 13-Sep-2024 21:35:30 ALS Bottle#: 11 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0180816-038
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 13:24:59 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: FK2C Date: 14-Sep-2024 06:26:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.814	2.838	-0.024	0	32681	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.832	3.838	-0.006	0	240346	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.295	-0.006	98	142399	50.0	51.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	158279	50.0	48.6	
* 66 Fluorobenzene	96	4.886	4.893	-0.007	99	569059	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.557	5.569	-0.012	0	21813	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	544974	50.0	50.3	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	404559	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.758	-0.001	95	173750	50.0	51.1	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	225429	50.0	50.0	
134 Naphthalene	128	12.775	12.775	0.000	99	12428		1.13	

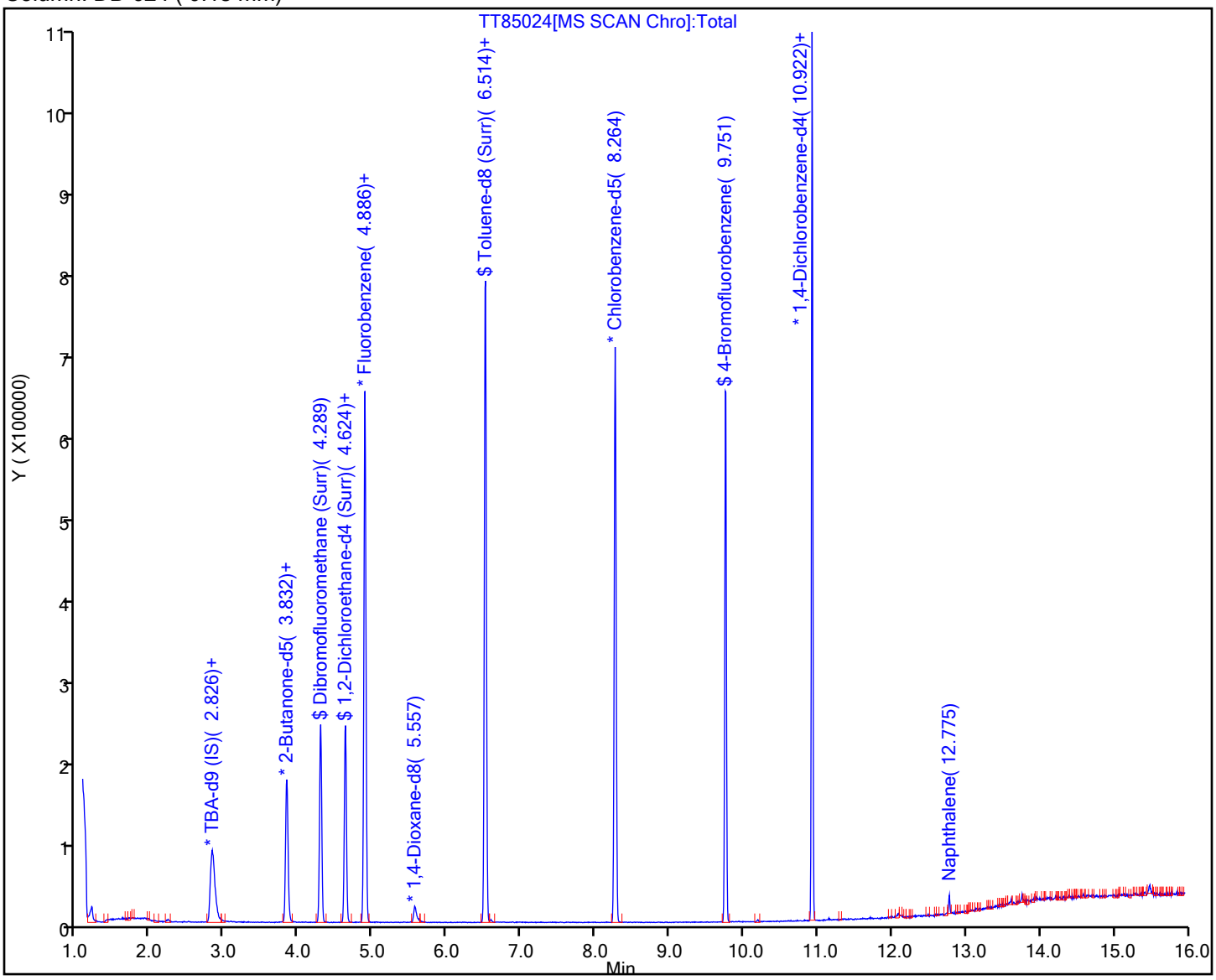
QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 16-Sep-2024 13:24:59 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85024.D
Injection Date: 13-Sep-2024 21:35:30 Instrument ID: CVOAMS17
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85024.D				
Lims ID:	MB				
Client ID:					
Sample Type:	MB				
Inject. Date:	13-Sep-2024 21:35:30	ALS Bottle#:	11	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	MB				
Misc. Info.:	460-0180816-038				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	16-Sep-2024 13:24:59	Calib Date:	30-Aug-2024 10:24:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1682				
First Level Reviewer: FK2C		Date:	14-Sep-2024 06:26:14		

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.7	103.41
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.6	97.23
$ 83 Toluene-d8 (Surr)	50.0	50.3	100.58
$ 105 4-Bromofluorobenzene	50.0	51.1	102.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-995829/8

Matrix: Water | Lab File ID: TT85056.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 07:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-995829/8

Matrix: Water | Lab File ID: TT85056.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 07:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-995829/8

Matrix: Water | Lab File ID: TT85056.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 07:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85056.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Sep-2024 07:51:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0180834-008
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 12:08:41 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: FK2C Date: 14-Sep-2024 10:10:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.832	2.844	-0.012	0	38184	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.826	3.838	-0.012	0	267997	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.295	-0.006	97	150759	50.0	50.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.618	4.630	-0.012	0	165980	50.0	46.7	
* 66 Fluorobenzene	96	4.887	4.893	-0.006	99	621637	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.563	5.557	0.006	0	25536	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	589346	50.0	50.4	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	436405	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	95	185427	50.0	50.5	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	246846	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 16-Sep-2024 12:08:41 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85056.D

Injection Date: 14-Sep-2024 07:51:30 Instrument ID: CVOAMS17

Lims ID: MB

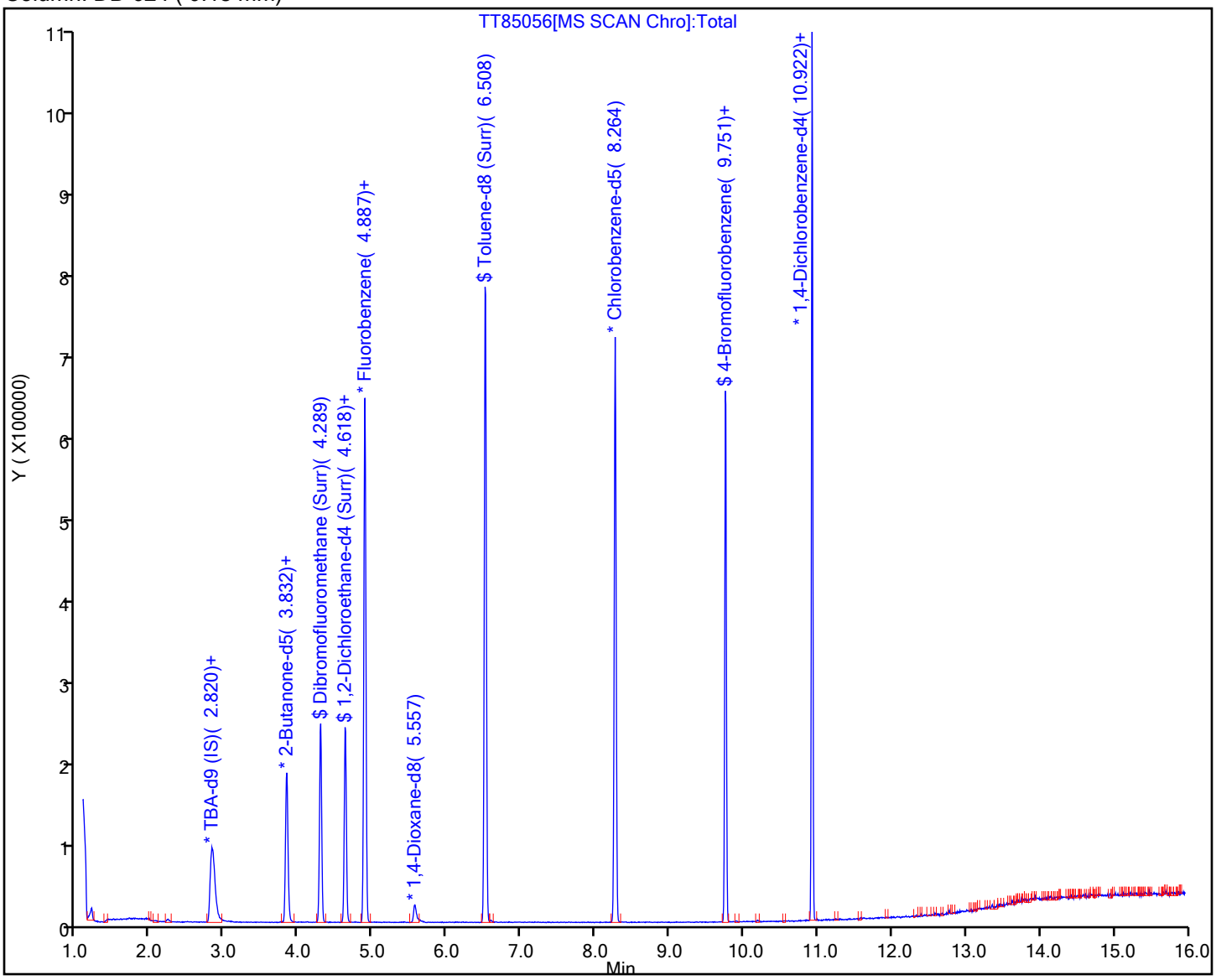
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 16-Sep-2024 12:08:41 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85056.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Sep-2024 07:51:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0180834-008
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 12:08:41 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: FK2C Date: 14-Sep-2024 10:10:25

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.1	100.22
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	46.7	93.33
$ 83 Toluene-d8 (Surr)	50.0	50.4	100.83
$ 105 4-Bromofluorobenzene	50.0	50.5	101.08

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-995734/6

Matrix: Water | Lab File ID: TT85018.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/13/2024 17:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.8		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.20
75-34-3	1,1-Dichloroethane	19.7		1.0	0.26
75-35-4	1,1-Dichloroethene	18.0		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	19.4		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.7		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	20.0		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.9		1.0	0.21
107-06-2	1,2-Dichloroethane	18.5		1.0	0.43
78-87-5	1,2-Dichloropropane	19.3		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	19.6		1.0	0.33
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.33
78-93-3	2-Butanone (MEK)	93.1		5.0	1.9
591-78-6	2-Hexanone	101		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	97.5		5.0	1.3
67-64-1	Acetone	86.6		5.0	4.4
71-43-2	Benzene	18.1		1.0	0.20
75-25-2	Bromoform	25.4		1.0	0.54
74-83-9	Bromomethane	18.1		1.0	0.55
75-15-0	Carbon disulfide	18.3		1.0	0.82
56-23-5	Carbon tetrachloride	27.2		1.0	0.21
108-90-7	Chlorobenzene	19.7		1.0	0.38
74-97-5	Chlorobromomethane	18.6		1.0	0.41
124-48-1	Chlorodibromomethane	24.3		1.0	0.28
75-00-3	Chloroethane	16.8		1.0	0.32
67-66-3	Chloroform	19.9		1.0	0.33
74-87-3	Chloromethane	18.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.0		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-995734/6

Matrix: Water | Lab File ID: TT85018.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/13/2024 17:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	19.8		1.0	0.22
110-82-7	Cyclohexane	21.0		1.0	0.32
75-27-4	Dichlorobromomethane	20.6		1.0	0.34
75-71-8	Dichlorodifluoromethane	18.1		1.0	0.31
100-41-4	Ethylbenzene	19.3		1.0	0.30
106-93-4	Ethylene Dibromide	17.6		1.0	0.50
98-82-8	Isopropylbenzene	19.9		1.0	0.34
79-20-9	Methyl acetate	30.3		5.0	0.79
1634-04-4	Methyl tert-butyl ether	17.9		1.0	0.22
108-87-2	Methylcyclohexane	20.6		1.0	0.71
75-09-2	Methylene Chloride	18.3		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.0		1.0	0.30
104-51-8	n-Butylbenzene	20.3		1.0	0.32
103-65-1	N-Propylbenzene	19.5		1.0	0.32
95-47-6	o-Xylene	19.7		1.0	0.36
135-98-8	sec-Butylbenzene	20.0		1.0	0.37
100-42-5	Styrene	19.7		1.0	0.42
98-06-6	tert-Butylbenzene	19.4		1.0	0.34
127-18-4	Tetrachloroethene	20.5		1.0	0.25
108-88-3	Toluene	17.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.1		1.0	0.22
79-01-6	Trichloroethene	19.7		1.0	0.31
75-69-4	Trichlorofluoromethane	19.7		1.0	0.32
75-01-4	Vinyl chloride	17.6		1.0	0.17
1330-20-7	Xylenes, Total	39.7		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-995734/6

Matrix: Water | Lab File ID: TT85018.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/13/2024 17:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Report Date: 16-Sep-2024 13:22:57 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85018.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Sep-2024 17:48:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0180816-006
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 13:22:56 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: NN6A Date: 16-Sep-2024 13:22:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.229	1.241	-0.012	24	1390	20.0	33.0	
3 Chlorotrifluoroethene	116	1.290	1.302	-0.012	85	18413	20.0	32.8	
2 1,1-Difluoroethane	65	1.326	1.320	0.006	98	29118	20.0	19.7	
4 Dichlorodifluoromethane	85	1.326	1.332	-0.006	95	63853	20.0	18.1	
5 Chlorodifluoromethane	67	1.363	1.369	-0.006	97	10522	20.0	24.7	
6 Chloromethane	50	1.497	1.503	-0.006	98	76175	20.0	18.1	
7 Vinyl chloride	62	1.558	1.558	0.000	97	65263	20.0	17.6	
8 Butadiene	54	1.582	1.582	0.000	98	65353	20.0	18.8	
9 Bromomethane	94	1.820	1.826	-0.006	97	47187	20.0	18.1	
10 Chloroethane	64	1.887	1.887	0.000	100	40997	20.0	16.8	
11 Dichlorofluoromethane	67	2.046	2.046	0.000	98	112953	20.0	18.1	
12 Trichlorofluoromethane	101	2.058	2.058	0.000	51	73841	20.0	19.7	
13 Pentane	72	2.070	2.064	0.006	97	18193	40.0	41.8	
14 Ethanol	46	2.235	2.235	0.000	78	10909	800.0	789.8	
15 Ethyl ether	74	2.241	2.241	0.000	94	33675	20.0	18.5	
16 2-Methyl-1,3-butadiene	53	2.259	2.265	-0.006	98	48897	20.0	20.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.302	0.006	90	51478	20.0	21.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	96	80695	20.0	19.4	
19 Acrolein	56	2.399	2.399	0.000	94	17604	40.0	35.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.430	-0.012	96	47970	20.0	21.1	
21 1,1-Dichloroethene	96	2.436	2.436	0.000	97	49875	20.0	18.0	
22 Acetone	43	2.503	2.509	-0.006	87	65284	100.0	86.6	
23 Iodomethane	142	2.576	2.576	0.000	97	92261	20.0	19.4	
25 Isopropyl alcohol	45	2.588	2.588	0.000	32	28996	200.0	206.8	a
24 Carbon disulfide	76	2.607	2.607	0.000	99	180518	20.0	18.3	
26 3-Chloro-1-propene	76	2.722	2.722	0.000	92	35563	20.0	18.9	
27 Methyl acetate	43	2.728	2.728	0.000	82	70404	40.0	30.3	
28 Cyclopentene	67	2.741	2.741	0.000	94	112275	20.0	19.3	
29 Acetonitrile	41	2.777	2.777	0.000	94	63820	200.0	195.5	Ma
* 31 TBA-d9 (IS)	66	2.832	2.838	-0.006	0	34471	1000.0	1000.0	
30 Methylene Chloride	84	2.844	2.844	0.000	95	62882	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.893	2.899	-0.006	91	41181	200.0	183.7	
33 Methyl tert-butyl ether	73	2.991	2.997	-0.006	97	153064	20.0	17.9	
34 trans-1,2-Dichloroethene	96	3.015	3.015	0.000	96	57201	20.0	19.2	
35 Acrylonitrile	53	3.076	3.082	-0.006	94	184351	200.0	160.2	
36 Hexane	57	3.161	3.161	0.000	94	72004	20.0	23.1	
37 Isopropyl ether	45	3.362	3.362	0.000	92	191473	20.0	18.6	
38 1,1-Dichloroethane	63	3.387	3.387	0.000	98	108643	20.0	19.7	
39 Vinyl acetate	86	3.399	3.393	0.006	100	20691	40.0	57.1	
40 2-Chloro-1,3-butadiene	88	3.430	3.430	0.000	91	46885	20.0	18.8	
41 Tert-butyl ethyl ether	59	3.661	3.661	0.000	89	171329	20.0	18.7	
* 42 2-Butanone-d5	46	3.838	3.838	0.000	0	262292	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.868	-0.012	95	18755	20.0	22.1	
44 cis-1,2-Dichloroethene	96	3.881	3.881	0.000	96	63976	20.0	19.0	
45 2-Butanone (MEK)	72	3.893	3.893	0.000	97	25653	100.0	93.1	
46 Ethyl acetate	70	3.899	3.899	0.000	95	9939	40.0	41.2	
47 Methyl acrylate	55	3.948	3.942	0.006	99	40369	20.0	16.4	
48 Propionitrile	54	4.015	4.015	0.000	98	66754	200.0	169.1	
50 Tetrahydrofuran	72	4.088	4.082	0.006	54	11950	40.0	36.1	
49 Chlorobromomethane	128	4.088	4.088	0.000	88	30620	20.0	18.6	
51 Methacrylonitrile	67	4.112	4.112	0.000	93	201151	200.0	173.0	
52 Chloroform	83	4.143	4.143	0.000	99	97836	20.0	19.9	
53 Cyclohexane	84	4.271	4.271	0.000	94	79831	20.0	21.0	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	96	78969	20.0	21.8	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.295	0.000	98	145988	50.0	51.5	
56 Carbon tetrachloride	117	4.393	4.393	0.000	97	65032	20.0	27.2	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	96	74878	20.0	20.1	
58 Isobutyl alcohol	43	4.545	4.551	-0.006	93	54313	500.0	724.6	
59 Isooctane	57	4.588	4.594	-0.006	98	197900	20.0	22.6	
60 Benzene	78	4.612	4.612	0.000	97	222781	20.0	18.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	162331	50.0	48.4	
63 Isopropyl acetate	61	4.673	4.679	-0.006	93	26999	20.0	17.6	
62 Tert-amyl methyl ether	73	4.679	4.679	0.000	85	167459	20.0	18.0	
64 1,2-Dichloroethane	62	4.698	4.698	0.000	96	70775	20.0	18.5	
65 n-Heptane	100	4.759	4.771	-0.012	93	13765	20.0	26.6	
* 66 Fluorobenzene	96	4.893	4.893	0.000	98	585625	50.0	50.0	
67 n-Butanol	56	5.191	5.191	0.000	92	28141	500.0	561.1	
68 Trichloroethene	95	5.234	5.228	0.006	98	54603	20.0	19.7	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	6861	20.0	15.0	
69 Methylcyclohexane	83	5.356	5.356	0.000	81	89295	20.0	20.6	
71 1,2-Dichloropropane	63	5.515	5.508	0.006	93	60048	20.0	19.3	
* 72 1,4-Dioxane-d8	96	5.557	5.569	-0.012	0	23159	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	23096	40.0	35.4	
75 1,4-Dioxane	88	5.618	5.618	0.000	86	10248	400.0	407.2	
74 Dibromomethane	93	5.636	5.636	0.000	96	32324	20.0	18.1	
76 n-Propyl acetate	43	5.649	5.649	0.000	99	67246	20.0	16.7	
77 Dichlorobromomethane	83	5.789	5.783	0.006	99	66190	20.0	20.6	
78 2-Nitropropane	41	6.112	6.118	-0.006	81	20106	40.0	53.3	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	85	29913	20.0	15.5	
80 Epichlorohydrin	57	6.222	6.216	0.006	99	85987	400.0	386.4	
81 cis-1,3-Dichloropropene	75	6.277	6.277	0.000	93	88763	20.0	19.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	89536	100.0	97.5	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	566338	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	93	231824	20.0	17.5	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	95	75595	20.0	20.1	
86 Ethyl methacrylate	69	6.972	6.972	0.000	90	62809	20.0	16.0	
87 1,1,2-Trichloroethane	83	7.148	7.148	0.000	96	40315	20.0	18.6	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	56936	20.0	20.5	
89 1,3-Dichloropropane	76	7.350	7.350	0.000	95	79023	20.0	18.1	
90 2-Hexanone	43	7.423	7.423	0.000	96	147404	100.0	100.6	
91 n-Butyl acetate	43	7.545	7.545	0.000	99	74062	20.0	18.6	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	50244	20.0	24.3	
93 Ethylene Dibromide	107	7.721	7.721	0.000	100	42933	20.0	17.6	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	421659	50.0	50.0	
95 Chlorobenzene	112	8.301	8.301	0.000	94	151295	20.0	19.7	
96 Ethylbenzene	106	8.410	8.410	0.000	98	80374	20.0	19.3	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	96	50993	20.0	22.8	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	99611	20.0	20.0	
99 o-Xylene	106	9.087	9.087	0.000	94	100339	20.0	19.7	
100 n-Butyl acrylate	73	9.093	9.093	0.000	99	38911	20.0	23.1	
101 Styrene	104	9.124	9.124	0.000	96	158898	20.0	19.7	
102 Bromoform	173	9.367	9.374	-0.007	97	30268	20.0	25.4	
103 Amyl acetate (mixed isomers)	43	9.380	9.380	0.000	91	95499	20.0	15.2	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	229561	20.0	19.9	
$ 105 4-Bromofluorobenzene	174	9.758	9.758	0.000	96	180981	50.0	51.1	
106 Bromobenzene	156	9.898	9.898	0.000	98	65848	20.0	19.0	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	59551	20.0	17.8	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	306063	20.0	19.5	
109 1,2,3-Trichloropropane	110	10.014	10.014	0.000	98	17003	20.0	17.8	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	89	9131	20.0	11.8	
111 2-Chlorotoluene	91	10.105	10.105	0.000	96	212955	20.0	19.3	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	257700	20.0	19.6	
113 1,3,5-Trimethylbenzene	105	10.197	10.197	0.000	93	213160	20.0	19.6	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	199214	20.0	18.8	
115 Butyl Methacrylate	87	10.325	10.318	0.007	91	60275	20.0	14.4	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	177297	20.0	19.4	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	226338	20.0	20.0	
118 sec-Butylbenzene	105	10.727	10.721	0.006	99	276592	20.0	20.0	
119 1,3-Dichlorobenzene	146	10.855	10.849	0.006	96	129602	20.0	19.2	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	242130	20.0	20.4	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	242980	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	133523	20.0	19.8	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	243301	20.0	19.8	
124 Benzyl chloride	91	11.087	11.087	0.000	98	110962	20.0	23.3	
125 2,3-Dihydroindene	117	11.148	11.148	0.000	94	233170	20.0	19.9	
126 p-Diethylbenzene	119	11.215	11.215	0.000	94	154677	20.0	20.4	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	132204	20.0	20.3	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	97	132121	20.0	19.9	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	233652	20.0	19.7	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	96	8748	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	98	114349	20.0	20.2	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	94	105037	20.0	20.7	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	98	54090	20.0	20.7	
134 Naphthalene	128	12.775	12.775	0.000	99	214917	20.0	18.1	
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	101323	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.2	
S 137 Xylenes, Total	100				0		40.0	39.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.9	
S 140 Total BTEX	1				0		100.0	94.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00174	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	20.00	Units: uL	
524FREONS_00024	Amount Added:	20.00	Units: uL	
GASES Li_00602	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 16-Sep-2024 13:22:57 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85018.D

Injection Date: 13-Sep-2024 17:48:30 Instrument ID: CVOAMS17

Lims ID: LCS

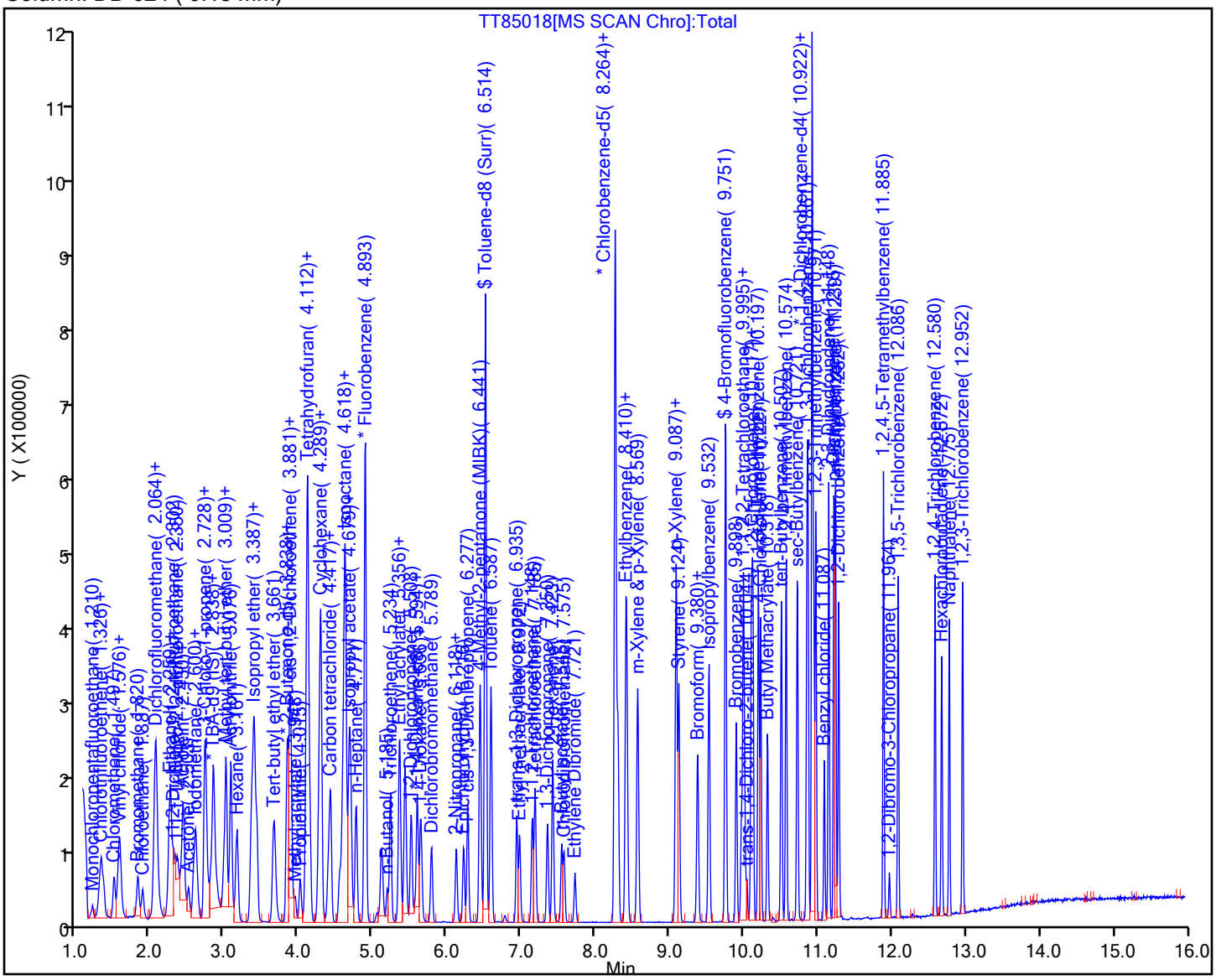
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 16-Sep-2024 13:22:57 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85018.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Sep-2024 17:48:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0180816-006
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 13:22:56 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: NN6A Date: 16-Sep-2024 13:22:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.5	103.02
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.4	96.89
$ 83 Toluene-d8 (Surr)	50.0	50.1	100.28
$ 105 4-Bromofluorobenzene	50.0	51.1	102.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-995829/4

Matrix: Water | Lab File ID: TT85052.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 06:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.7		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23.6		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.20
75-34-3	1,1-Dichloroethane	21.7		1.0	0.26
75-35-4	1,1-Dichloroethene	20.5		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	22.0		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	23.4		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	23.0		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	20.9		1.0	0.38
95-50-1	1,2-Dichlorobenzene	22.2		1.0	0.21
107-06-2	1,2-Dichloroethane	19.3		1.0	0.43
78-87-5	1,2-Dichloropropane	21.4		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	22.7		1.0	0.33
541-73-1	1,3-Dichlorobenzene	21.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	22.1		1.0	0.33
78-93-3	2-Butanone (MEK)	101		5.0	1.9
591-78-6	2-Hexanone	108		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	110		5.0	1.3
67-64-1	Acetone	91.7		5.0	4.4
71-43-2	Benzene	21.5		1.0	0.20
75-25-2	Bromoform	26.9		1.0	0.54
74-83-9	Bromomethane	21.1		1.0	0.55
75-15-0	Carbon disulfide	22.3		1.0	0.82
56-23-5	Carbon tetrachloride	30.3		1.0	0.21
108-90-7	Chlorobenzene	22.4		1.0	0.38
74-97-5	Chlorobromomethane	20.7		1.0	0.41
124-48-1	Chlorodibromomethane	25.3		1.0	0.28
75-00-3	Chloroethane	19.1		1.0	0.32
67-66-3	Chloroform	21.7		1.0	0.33
74-87-3	Chloromethane	20.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.2		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-995829/4

Matrix: Water | Lab File ID: TT85052.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 06:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	22.8		1.0	0.22
110-82-7	Cyclohexane	23.9		1.0	0.32
75-27-4	Dichlorobromomethane	22.7		1.0	0.34
75-71-8	Dichlorodifluoromethane	19.5		1.0	0.31
100-41-4	Ethylbenzene	22.6		1.0	0.30
106-93-4	Ethylene Dibromide	19.9		1.0	0.50
98-82-8	Isopropylbenzene	23.1		1.0	0.34
79-20-9	Methyl acetate	31.2		5.0	0.79
1634-04-4	Methyl tert-butyl ether	19.8		1.0	0.22
108-87-2	Methylcyclohexane	24.0		1.0	0.71
75-09-2	Methylene Chloride	20.5		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	23.6		1.0	0.30
104-51-8	n-Butylbenzene	24.0		1.0	0.32
103-65-1	N-Propylbenzene	23.2		1.0	0.32
95-47-6	o-Xylene	22.8		1.0	0.36
135-98-8	sec-Butylbenzene	23.9		1.0	0.37
100-42-5	Styrene	23.0		1.0	0.42
98-06-6	tert-Butylbenzene	22.7		1.0	0.34
127-18-4	Tetrachloroethene	23.2		1.0	0.25
108-88-3	Toluene	20.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.1		1.0	0.22
79-01-6	Trichloroethene	22.1		1.0	0.31
75-69-4	Trichlorofluoromethane	22.4		1.0	0.32
75-01-4	Vinyl chloride	20.3		1.0	0.17
1330-20-7	Xylenes, Total	46.4		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-995829/4

Matrix: Water | Lab File ID: TT85052.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 06:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Report Date: 14-Sep-2024 10:16:49 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85052.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 14-Sep-2024 06:32:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0180834-004
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2024 10:16:46 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1668

First Level Reviewer: FK2C Date: 14-Sep-2024 10:08:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.210	1.216	-0.006	27	384	20.0	9.07	
3 Chlorotrifluoroethene	116	1.296	1.296	0.000	83	11741	20.0	19.4	
2 1,1-Difluoroethane	65	1.314	1.320	-0.006	99	29034	20.0	18.0	
4 Dichlorodifluoromethane	85	1.326	1.332	-0.006	96	74634	20.0	19.5	
5 Chlorodifluoromethane	67	1.357	1.357	0.000	97	10682	20.0	23.0	a
6 Chloromethane	50	1.497	1.503	-0.006	99	94274	20.0	20.5	
7 Vinyl chloride	62	1.552	1.552	0.000	97	81760	20.0	20.3	
8 Butadiene	54	1.576	1.576	0.000	97	79389	20.0	21.0	
9 Bromomethane	94	1.814	1.820	-0.006	98	60035	20.0	21.1	
10 Chloroethane	64	1.881	1.887	-0.006	99	50802	20.0	19.1	
11 Dichlorofluoromethane	67	2.046	2.052	-0.006	98	140446	20.0	20.7	
12 Trichlorofluoromethane	101	2.052	2.064	-0.012	50	91420	20.0	22.4	
13 Pentane	72	2.064	2.070	-0.006	98	23145	40.0	48.9	
14 Ethanol	46	2.222	2.204	0.018	82	10581	800.0	697.1	
15 Ethyl ether	74	2.235	2.241	-0.006	94	39147	20.0	19.8	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	97	60934	20.0	23.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.295	0.013	89	59230	20.0	23.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.363	-0.013	90	95833	20.0	21.1	
19 Acrolein	56	2.393	2.393	0.000	76	17662	40.0	32.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.417	2.424	-0.007	95	58536	20.0	23.6	
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	97	61748	20.0	20.5	
22 Acetone	43	2.503	2.509	-0.006	87	71821	100.0	91.7	
23 Iodomethane	142	2.576	2.576	0.000	96	115247	20.0	22.2	
25 Isopropyl alcohol	45	2.582	2.594	-0.012	31	30240	200.0	200.3	a
24 Carbon disulfide	76	2.600	2.606	-0.006	99	239919	20.0	22.3	
26 3-Chloro-1-propene	76	2.716	2.722	-0.006	99	46195	20.0	22.5	
27 Methyl acetate	43	2.728	2.734	-0.006	100	78986	40.0	31.2	
28 Cyclopentene	67	2.741	2.741	0.000	94	143361	20.0	22.7	
29 Acetonitrile	41	2.777	2.777	0.000	95	84024	200.0	247.7	a
* 31 TBA-d9 (IS)	66	2.820	2.844	-0.024	0	37124	1000.0	1000.0	
30 Methylene Chloride	84	2.838	2.844	-0.006	95	76467	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.893	2.899	-0.006	96	50552	200.0	209.3	
33 Methyl tert-butyl ether	73	2.990	2.997	-0.007	98	184561	20.0	19.8	
34 trans-1,2-Dichloroethene	96	3.009	3.015	-0.006	96	72476	20.0	22.4	
35 Acrylonitrile	53	3.076	3.076	0.000	97	213198	200.0	170.0	
36 Hexane	57	3.155	3.161	-0.006	94	96077	20.0	28.3	
37 Isopropyl ether	45	3.356	3.362	-0.006	95	227722	20.0	20.4	
38 1,1-Dichloroethane	63	3.381	3.387	-0.006	99	130672	20.0	21.7	
39 Vinyl acetate	86	3.387	3.399	-0.012	100	24384	40.0	64.8	
40 2-Chloro-1,3-butadiene	88	3.423	3.429	-0.006	91	59759	20.0	22.0	
41 Tert-butyl ethyl ether	59	3.655	3.661	-0.006	90	208154	20.0	20.9	
* 42 2-Butanone-d5	46	3.832	3.838	-0.006	0	272459	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.868	-0.012	84	23164	20.0	25.1	
44 cis-1,2-Dichloroethene	96	3.874	3.881	-0.007	97	77657	20.0	21.2	
45 2-Butanone (MEK)	72	3.887	3.893	-0.006	96	28879	100.0	100.9	
46 Ethyl acetate	70	3.893	3.893	0.000	94	11061	40.0	44.1	
47 Methyl acrylate	55	3.942	3.948	-0.006	99	48339	20.0	18.0	
48 Propionitrile	54	4.009	4.021	-0.012	97	75891	200.0	178.5	
50 Tetrahydrofuran	72	4.082	4.088	-0.006	56	13543	40.0	39.4	
49 Chlorobromomethane	128	4.088	4.088	0.000	87	37084	20.0	20.7	
51 Methacrylonitrile	67	4.112	4.112	0.000	91	229216	200.0	181.0	
52 Chloroform	83	4.143	4.149	-0.006	98	116361	20.0	21.7	
53 Cyclohexane	84	4.271	4.271	0.000	93	98841	20.0	23.9	
54 1,1,1-Trichloroethane	97	4.277	4.283	-0.006	97	94128	20.0	23.9	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.295	-0.006	98	155330	50.0	50.3	
56 Carbon tetrachloride	117	4.393	4.399	-0.006	98	78988	20.0	30.3	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	91735	20.0	22.6	
58 Isobutyl alcohol	43	4.545	4.545	0.000	94	58720	500.0	727.4	
59 Isooctane	57	4.588	4.588	0.000	97	238545	20.0	25.0	
60 Benzene	78	4.612	4.612	0.000	96	279595	20.0	21.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.630	-0.006	0	170539	50.0	46.7	
63 Isopropyl acetate	61	4.679	4.679	0.000	90	32876	20.0	19.7	
62 Tert-amyl methyl ether	73	4.679	4.679	0.000	86	196432	20.0	19.4	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	96	80443	20.0	19.3	
65 n-Heptane	100	4.765	4.771	-0.006	92	16135	20.0	28.6	
* 66 Fluorobenzene	96	4.886	4.893	-0.007	99	637970	50.0	50.0	
67 n-Butanol	56	5.185	5.191	-0.006	87	33159	500.0	613.9	
68 Trichloroethene	95	5.228	5.228	0.000	98	67015	20.0	22.1	
70 Ethyl acrylate	99	5.350	5.350	0.000	94	8512	20.0	17.1	
69 Methylcyclohexane	83	5.350	5.356	-0.006	83	113386	20.0	24.0	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	94	72439	20.0	21.4	
* 72 1,4-Dioxane-d8	96	5.557	5.557	0.000	0	24844	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	27654	40.0	38.9	
75 1,4-Dioxane	88	5.624	5.612	0.012	27	12053	400.0	446.5	a
74 Dibromomethane	93	5.630	5.636	-0.006	95	36797	20.0	18.9	
76 n-Propyl acetate	43	5.649	5.648	0.000	99	77495	20.0	17.7	
77 Dichlorobromomethane	83	5.783	5.789	-0.006	98	79701	20.0	22.7	
78 2-Nitropropane	41	6.112	6.112	0.000	79	21143	40.0	51.5	
79 2-Chloroethyl vinyl ether	63	6.118	6.118	0.000	88	36537	20.0	17.4	
80 Epichlorohydrin	57	6.215	6.215	0.000	99	100398	400.0	434.3	
81 cis-1,3-Dichloropropene	75	6.270	6.276	-0.006	92	107843	20.0	22.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	105397	100.0	110.5	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	601891	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	93	279914	20.0	20.0	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	97	87941	20.0	22.1	
86 Ethyl methacrylate	69	6.971	6.978	-0.007	89	75204	20.0	18.1	
87 1,1,2-Trichloroethane	83	7.148	7.148	0.000	97	45529	20.0	19.8	
88 Tetrachloroethene	166	7.185	7.185	0.000	94	67878	20.0	23.2	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	94	90385	20.0	19.6	
90 2-Hexanone	43	7.423	7.423	0.000	97	164011	100.0	107.8	
91 n-Butyl acetate	43	7.544	7.544	0.000	98	86617	20.0	20.6	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	55201	20.0	25.3	
93 Ethylene Dibromide	107	7.727	7.721	0.006	98	51282	20.0	19.9	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	445501	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	181838	20.0	22.4	
96 Ethylbenzene	106	8.410	8.410	0.000	98	99082	20.0	22.6	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.428	-0.006	95	61333	20.0	25.9	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	123899	20.0	23.6	
99 o-Xylene	106	9.087	9.087	0.000	94	122547	20.0	22.8	
100 n-Butyl acrylate	73	9.093	9.093	0.000	99	46360	20.0	26.0	
101 Styrene	104	9.123	9.123	0.000	95	195126	20.0	23.0	
102 Bromoform	173	9.367	9.373	-0.006	97	34029	20.0	26.9	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	91	109275	20.0	16.7	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	282554	20.0	23.1	
$ 105 4-Bromofluorobenzene	174	9.751	9.757	-0.006	92	191620	50.0	51.2	
106 Bromobenzene	156	9.904	9.898	0.006	98	78583	20.0	21.9	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	99	68294	20.0	19.7	
108 N-Propylbenzene	91	9.995	9.995	0.000	100	376981	20.0	23.2	
109 1,2,3-Trichloropropane	110	10.014	10.013	0.001	97	19049	20.0	19.3	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.038	0.006	89	11969	20.0	14.9	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	252641	20.0	22.1	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	310568	20.0	22.8	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	256036	20.0	22.7	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	251660	20.0	22.9	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	91	86827	20.0	20.0	
116 tert-Butylbenzene	119	10.507	10.507	0.000	94	215397	20.0	22.7	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	269951	20.0	23.0	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	343256	20.0	23.9	
119 1,3-Dichlorobenzene	146	10.849	10.849	0.000	96	152770	20.0	21.8	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	293927	20.0	23.9	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	252033	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	154594	20.0	22.1	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	99	286631	20.0	22.5	
124 Benzyl chloride	91	11.086	11.086	0.000	99	131029	20.0	26.5	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	94	279279	20.0	23.0	
126 p-Diethylbenzene	119	11.215	11.214	0.000	93	187435	20.0	23.8	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	161581	20.0	24.0	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	152982	20.0	22.2	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	280734	20.0	22.8	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	93	10352	20.0	20.9	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	134138	20.0	22.8	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	93	123246	20.0	23.4	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	97	65420	20.0	24.2	
134 Naphthalene	128	12.775	12.775	0.000	99	254038	20.0	20.7	
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	96	118947	20.0	22.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.5	
S 137 Xylenes, Total	100				0		40.0	46.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.9	
S 140 Total BTEX	1				0		100.0	110.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00174	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	20.00	Units: uL	
524FREONS_00024	Amount Added:	20.00	Units: uL	
GASES Li_00602	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 14-Sep-2024 10:16:49 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85052.D

Injection Date: 14-Sep-2024 06:32:30 Instrument ID: CVOAMS17

Lims ID: LCS

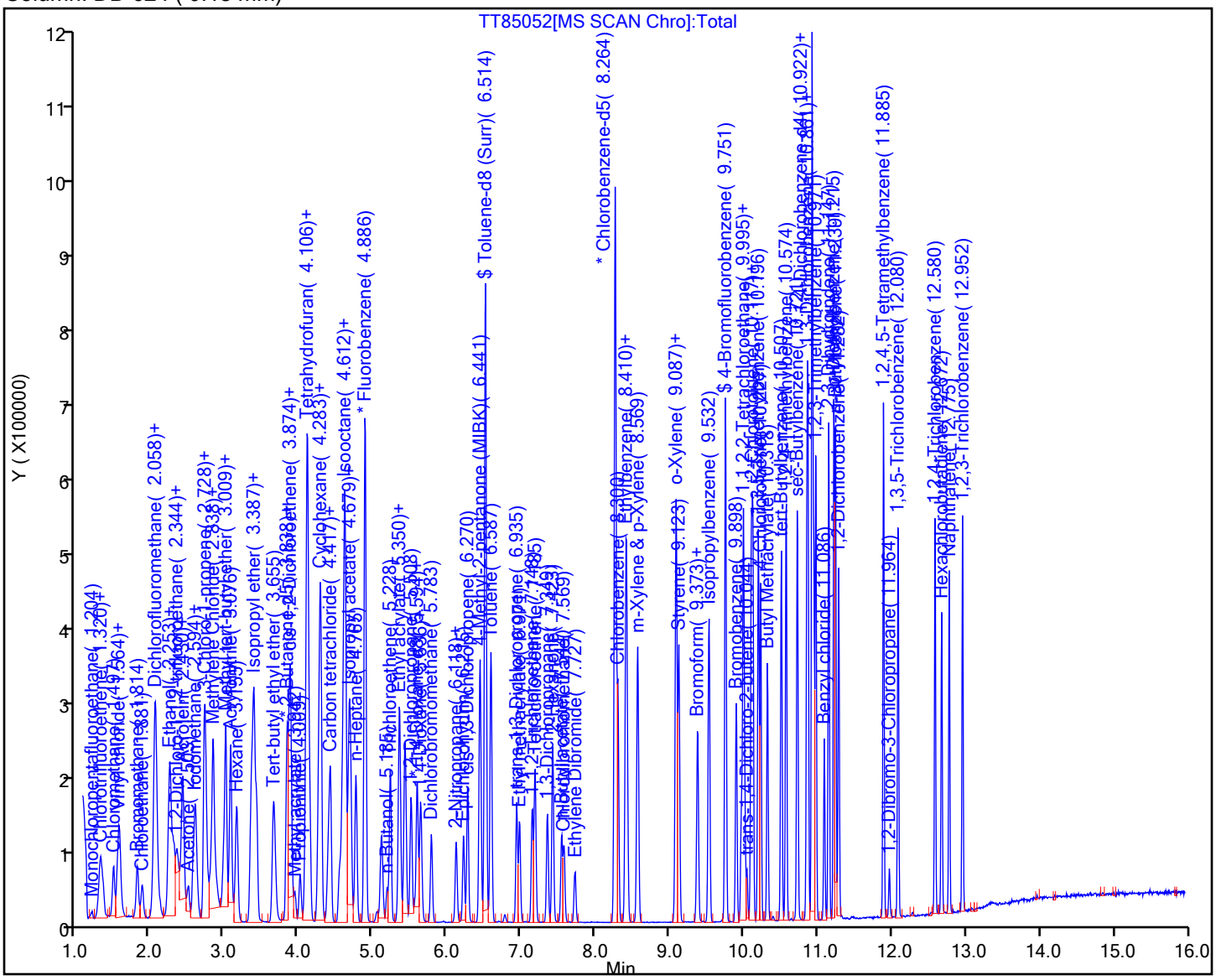
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 14-Sep-2024 10:16:49 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85052.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 14-Sep-2024 06:32:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0180834-004
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2024 10:16:46 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1668

First Level Reviewer: FK2C Date: 14-Sep-2024 10:08:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.3	100.62
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	46.7	93.44
$ 83 Toluene-d8 (Surr)	50.0	50.4	100.87
$ 105 4-Bromofluorobenzene	50.0	51.2	102.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-06_20240910 MS | Lab Sample ID: 460-311225-1 MS

Matrix: Water | Lab File ID: TT85041.D

Analysis Method: 8260D | Date Collected: 09/10/2024 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 03:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.5		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.8		1.0	0.31
79-00-5	1,1,2-Trichloroethane	20.8		1.0	0.20
75-34-3	1,1-Dichloroethane	20.8		1.0	0.26
75-35-4	1,1-Dichloroethene	20.6		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	21.0		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	22.2		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	22.8		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.4		1.0	0.21
107-06-2	1,2-Dichloroethane	17.8		1.0	0.43
78-87-5	1,2-Dichloropropane	20.8		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	22.3		1.0	0.33
541-73-1	1,3-Dichlorobenzene	20.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.3		1.0	0.33
78-93-3	2-Butanone (MEK)	102		5.0	1.9
591-78-6	2-Hexanone	114		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	119		5.0	1.3
67-64-1	Acetone	90.2		5.0	4.4
71-43-2	Benzene	20.9		1.0	0.20
75-25-2	Bromoform	24.2		1.0	0.54
74-83-9	Bromomethane	19.1		1.0	0.55
75-15-0	Carbon disulfide	18.8		1.0	0.82
56-23-5	Carbon tetrachloride	27.9		1.0	0.21
108-90-7	Chlorobenzene	21.5		1.0	0.38
74-97-5	Chlorobromomethane	18.9		1.0	0.41
124-48-1	Chlorodibromomethane	24.2		1.0	0.28
75-00-3	Chloroethane	18.3		1.0	0.32
67-66-3	Chloroform	21.3		1.0	0.33
74-87-3	Chloromethane	19.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.2		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-06_20240910 MS | Lab Sample ID: 460-311225-1 MS

Matrix: Water | Lab File ID: TT85041.D

Analysis Method: 8260D | Date Collected: 09/10/2024 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 03:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	20.8		1.0	0.22
110-82-7	Cyclohexane	24.3		1.0	0.32
75-27-4	Dichlorobromomethane	20.9		1.0	0.34
75-71-8	Dichlorodifluoromethane	18.7		1.0	0.31
100-41-4	Ethylbenzene	22.0		1.0	0.30
106-93-4	Ethylene Dibromide	19.3		1.0	0.50
98-82-8	Isopropylbenzene	22.5		1.0	0.34
79-20-9	Methyl acetate	27.9		5.0	0.79
1634-04-4	Methyl tert-butyl ether	18.6		1.0	0.22
108-87-2	Methylcyclohexane	23.6		1.0	0.71
75-09-2	Methylene Chloride	19.2		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	22.4		1.0	0.30
104-51-8	n-Butylbenzene	22.9		1.0	0.32
103-65-1	N-Propylbenzene	22.7		1.0	0.32
95-47-6	o-Xylene	22.6		1.0	0.36
135-98-8	sec-Butylbenzene	23.4		1.0	0.37
100-42-5	Styrene	21.6		1.0	0.42
98-06-6	tert-Butylbenzene	22.5		1.0	0.34
127-18-4	Tetrachloroethene	91.1		1.0	0.25
108-88-3	Toluene	19.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.4		1.0	0.22
79-01-6	Trichloroethene	21.6		1.0	0.31
75-69-4	Trichlorofluoromethane	20.2		1.0	0.32
75-01-4	Vinyl chloride	18.5		1.0	0.17
1330-20-7	Xylenes, Total	45.0		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-06_20240910 MS | Lab Sample ID: 460-311225-1 MS

Matrix: Water | Lab File ID: TT85041.D

Analysis Method: 8260D | Date Collected: 09/10/2024 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 03:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Report Date: 14-Sep-2024 07:28:00 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85041.D
Lims ID: 460-311225-B-1 MS
Client ID: MW-06_20240910
Sample Type: MS
Inject. Date: 14-Sep-2024 03:07:30 ALS Bottle#: 28 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-311225-B-1 MS
Misc. Info.: 460-0180816-027
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2024 07:26:52 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1668

First Level Reviewer: FK2C Date: 14-Sep-2024 07:22:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.229	1.241	-0.012	20	1156	20.0	21.5	
3 Chlorotrifluoroethene	116	1.296	1.302	-0.006	87	25103	20.0	33.7	
2 1,1-Difluoroethane	65	1.314	1.320	-0.006	97	42680	20.0	21.7	
4 Dichlorodifluoromethane	85	1.320	1.332	-0.012	95	87312	20.0	18.7	
5 Chlorodifluoromethane	67	1.344	1.369	-0.025	97	13515	20.0	23.9	
6 Chloromethane	50	1.497	1.503	-0.006	98	106896	20.0	19.1	
7 Vinyl chloride	62	1.552	1.558	-0.006	97	90948	20.0	18.5	
8 Butadiene	54	1.576	1.582	-0.006	95	91121	20.0	19.8	
9 Bromomethane	94	1.814	1.826	-0.012	99	66243	20.0	19.1	
10 Chloroethane	64	1.881	1.887	-0.006	100	59062	20.0	18.3	
11 Dichlorofluoromethane	67	2.046	2.046	0.000	98	157858	20.0	19.1	
12 Trichlorofluoromethane	101	2.058	2.058	0.000	51	100470	20.0	20.2	
13 Pentane	72	2.064	2.064	0.000	96	24916	40.0	43.2	
14 Ethanol	46	2.210	2.235	-0.025	69	11308	800.0	637.1	a
15 Ethyl ether	74	2.235	2.241	-0.006	94	47300	20.0	19.7	
16 2-Methyl-1,3-butadiene	53	2.259	2.265	-0.006	94	65787	20.0	20.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	85	68793	20.0	22.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	96	118270	20.0	21.4	
19 Acrolein	56	2.393	2.399	-0.006	93	20690	40.0	31.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.417	2.430	-0.013	94	68523	20.0	22.8	
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	98	75582	20.0	20.6	
22 Acetone	43	2.503	2.509	-0.006	88	79645	100.0	90.2	
23 Iodomethane	142	2.570	2.576	-0.006	97	125526	20.0	19.9	
25 Isopropyl alcohol	45	2.594	2.588	0.006	32	34365	200.0	197.8	a
24 Carbon disulfide	76	2.600	2.607	-0.007	99	246274	20.0	18.8	
26 3-Chloro-1-propene	76	2.716	2.722	-0.006	95	46081	20.0	18.5	
27 Methyl acetate	43	2.728	2.728	0.000	77	86181	40.0	27.9	
28 Cyclopentene	67	2.741	2.741	0.000	94	148609	20.0	19.3	
29 Acetonitrile	41	2.777	2.777	0.000	97	89907	200.0	235.3	a
* 31 TBA-d9 (IS)	66	2.832	2.838	-0.006	0	42725	1000.0	1000.0	
30 Methylene Chloride	84	2.838	2.844	-0.006	94	87105	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.905	2.899	0.006	97	53634	200.0	193.0	
33 Methyl tert-butyl ether	73	2.990	2.997	-0.007	97	210612	20.0	18.6	
34 trans-1,2-Dichloroethene	96	3.009	3.015	-0.006	96	83038	20.0	21.1	
35 Acrylonitrile	53	3.076	3.082	-0.006	95	243974	200.0	159.9	
36 Hexane	57	3.155	3.161	-0.006	93	102046	20.0	24.7	
37 Isopropyl ether	45	3.356	3.362	-0.006	96	271052	20.0	19.9	
38 1,1-Dichloroethane	63	3.381	3.387	-0.006	98	151839	20.0	20.8	
39 Vinyl acetate	86	3.399	3.393	0.006	100	26016	40.0	61.4	
40 2-Chloro-1,3-butadiene	88	3.423	3.430	-0.007	88	72161	20.0	21.8	
41 Tert-butyl ethyl ether	59	3.655	3.661	-0.006	89	249495	20.0	20.6	
* 42 2-Butanone-d5	46	3.832	3.838	-0.006	0	306930	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.868	-0.006	96	23052	20.0	20.5	a
44 cis-1,2-Dichloroethene	96	3.874	3.881	-0.007	96	90380	20.0	20.2	
45 2-Butanone (MEK)	72	3.887	3.893	-0.006	97	32749	100.0	101.6	
46 Ethyl acetate	70	3.899	3.899	0.000	96	13106	40.0	46.4	
47 Methyl acrylate	55	3.942	3.942	0.000	99	55299	20.0	17.0	
48 Propionitrile	54	4.015	4.015	0.000	99	85102	200.0	173.9	
50 Tetrahydrofuran	72	4.082	4.082	0.000	58	16260	40.0	42.0	
49 Chlorobromomethane	128	4.088	4.088	0.000	85	41198	20.0	18.9	
51 Methacrylonitrile	67	4.112	4.112	0.000	91	269990	200.0	175.2	
52 Chloroform	83	4.143	4.143	0.000	99	138527	20.0	21.3	
53 Cyclohexane	84	4.271	4.271	0.000	91	122494	20.0	24.3	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	97	109749	20.0	22.9	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.295	-0.006	98	182285	50.0	48.5	
56 Carbon tetrachloride	117	4.393	4.393	0.000	97	88534	20.0	27.9	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	98	106795	20.0	21.7	
58 Isobutyl alcohol	43	4.545	4.551	-0.006	97	63357	500.0	682.0	
59 Isooctane	57	4.582	4.594	-0.012	98	269877	20.0	23.3	
60 Benzene	78	4.612	4.612	0.000	96	328531	20.0	20.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	193413	50.0	43.6	
63 Isopropyl acetate	61	4.679	4.679	0.000	87	35370	20.0	17.4	
62 Tert-amyl methyl ether	73	4.673	4.679	-0.006	88	231638	20.0	18.8	
64 1,2-Dichloroethane	62	4.697	4.698	-0.001	95	90313	20.0	17.8	
65 n-Heptane	100	4.765	4.771	-0.006	94	15864	20.0	23.1	
* 66 Fluorobenzene	96	4.886	4.893	-0.007	99	776208	50.0	50.0	
67 n-Butanol	56	5.185	5.191	-0.006	93	35075	500.0	564.2	
68 Trichloroethene	95	5.234	5.228	0.006	98	79478	20.0	21.6	
70 Ethyl acrylate	99	5.356	5.356	0.000	94	10051	20.0	16.6	a
69 Methylcyclohexane	83	5.356	5.356	0.000	81	135771	20.0	23.6	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	94	85730	20.0	20.8	
* 72 1,4-Dioxane-d8	96	5.557	5.569	-0.012	0	25946	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	31923	40.0	36.9	
75 1,4-Dioxane	88	5.618	5.618	0.000	89	12547	400.0	445.0	
74 Dibromomethane	93	5.636	5.636	0.000	97	44308	20.0	18.7	
76 n-Propyl acetate	43	5.649	5.649	-0.001	97	80020	20.0	15.0	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	89172	20.0	20.9	
78 2-Nitropropane	41	6.112	6.118	-0.006	98	21558	40.0	43.3	
80 Epichlorohydrin	57	6.222	6.216	0.006	99	65299	400.0	250.8	
81 cis-1,3-Dichloropropene	75	6.276	6.277	-0.001	91	119288	20.0	20.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	96	127410	100.0	118.5	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	734821	50.0	50.9	
84 Toluene	91	6.587	6.587	0.000	93	329156	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	97	93579	20.0	19.4	
86 Ethyl methacrylate	69	6.971	6.972	-0.001	89	91369	20.0	18.2	
87 1,1,2-Trichloroethane	83	7.142	7.148	-0.006	96	57666	20.0	20.8	
88 Tetrachloroethene	166	7.185	7.185	0.000	97	322820	20.0	91.1	
89 1,3-Dichloropropane	76	7.349	7.350	-0.001	93	108250	20.0	19.4	
90 2-Hexanone	43	7.423	7.423	0.000	96	195424	100.0	114.0	
91 n-Butyl acetate	43	7.544	7.545	-0.001	99	98213	20.0	19.3	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	63985	20.0	24.2	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	59961	20.0	19.3	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	538801	50.0	50.0	
95 Chlorobenzene	112	8.300	8.301	-0.001	95	211164	20.0	21.5	
96 Ethylbenzene	106	8.410	8.410	0.000	98	116775	20.0	22.0	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	96	70119	20.0	24.5	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	142504	20.0	22.4	
99 o-Xylene	106	9.087	9.087	0.000	94	146539	20.0	22.6	
100 n-Butyl acrylate	73	9.093	9.093	0.000	99	59050	20.0	27.4	
101 Styrene	104	9.123	9.124	-0.001	96	221903	20.0	21.6	
102 Bromoform	173	9.367	9.374	-0.007	97	36901	20.0	24.2	
103 Amyl acetate (mixed isomers)	43	9.379	9.380	-0.001	90	134312	20.0	17.7	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	332753	20.0	22.5	
$ 105 4-Bromofluorobenzene	174	9.757	9.758	-0.001	94	219293	50.0	48.4	
106 Bromobenzene	156	9.898	9.898	0.000	99	86302	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.971	-0.006	99	78535	20.0	19.5	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	429549	20.0	22.7	
109 1,2,3-Trichloropropane	110	10.014	10.014	0.000	98	21136	20.0	18.4	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	90	11219	20.0	12.0	
111 2-Chlorotoluene	91	10.105	10.105	0.000	96	292036	20.0	22.0	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	357099	20.0	22.5	
113 1,3,5-Trimethylbenzene	105	10.196	10.197	-0.001	93	292757	20.0	22.3	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	286681	20.0	22.5	
115 Butyl Methacrylate	87	10.318	10.318	0.000	89	103051	20.0	20.4	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	247595	20.0	22.5	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	310842	20.0	22.8	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	390565	20.0	23.4	
119 1,3-Dichlorobenzene	146	10.855	10.849	0.006	96	169499	20.0	20.8	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	330973	20.0	23.1	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	293112	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	173471	20.0	21.3	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	333954	20.0	22.5	
124 Benzyl chloride	91	11.086	11.087	-0.001	99	115524	20.0	20.1	
125 2,3-Dihydroindene	117	11.147	11.148	-0.001	95	327847	20.0	23.2	
126 p-Diethylbenzene	119	11.215	11.215	-0.001	94	211824	20.0	23.2	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	179456	20.0	22.9	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	171363	20.0	21.4	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	313268	20.0	21.9	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	95	11550	20.0	20.0	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	144530	20.0	21.2	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	94	135887	20.0	22.2	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	98	68172	20.0	21.6	
134 Naphthalene	128	12.775	12.775	0.000	99	509117	20.0	35.6	
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	131807	20.0	21.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	45.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.3	
S 140 Total BTEX	1				0		100.0	107.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

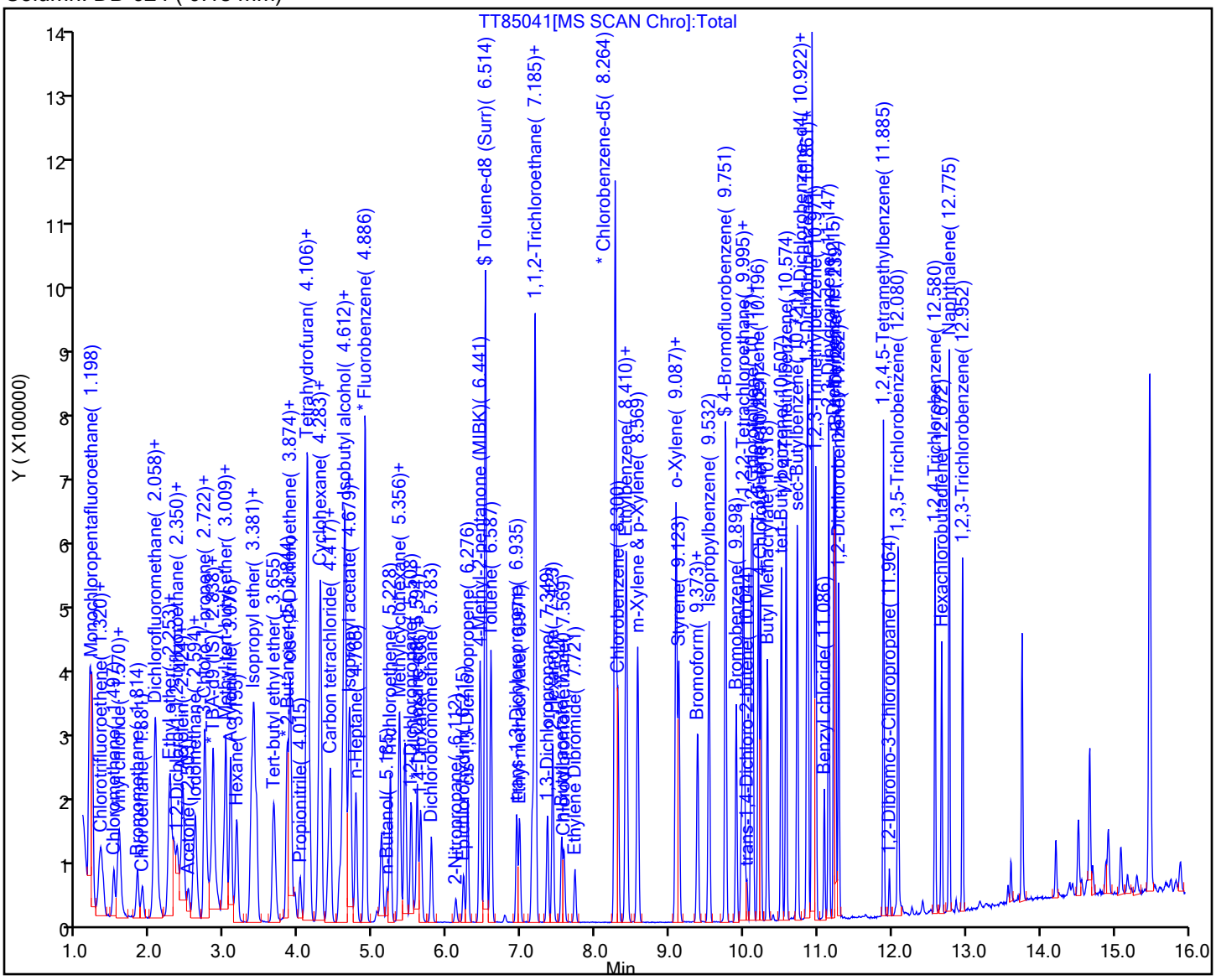
Reagents:

ACROLEIN W_00174	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	20.00	Units: uL	
524FREONS_00024	Amount Added:	20.00	Units: uL	
GASES Li_00602	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 14-Sep-2024 07:28:00 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85041.D
Injection Date: 14-Sep-2024 03:07:30 Instrument ID: CVOAMS17
Lims ID: 460-311225-B-1 MS
Client ID: MW-06_20240910
Operator ID: ALS Bottle#: 28 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Report Date: 14-Sep-2024 07:28:00 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85041.D
Lims ID: 460-311225-B-1 MS
Client ID: MW-06_20240910
Sample Type: MS
Inject. Date: 14-Sep-2024 03:07:30 ALS Bottle#: 28 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-311225-B-1 MS
Misc. Info.: 460-0180816-027
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2024 07:26:52 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1668

First Level Reviewer: FK2C Date: 14-Sep-2024 07:22:45

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	48.5	97.05
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	43.6	87.10
$ 83 Toluene-d8 (Surr)	50.0	50.9	101.83
$ 105 4-Bromofluorobenzene	50.0	48.4	96.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-310812-A-2 MS

Matrix: Water | Lab File ID: TT85080.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 15:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.4		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.20
75-34-3	1,1-Dichloroethane	21.1		1.0	0.26
75-35-4	1,1-Dichloroethene	20.9		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	19.8		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	21.7		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	22.1		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.0		1.0	0.21
107-06-2	1,2-Dichloroethane	18.1		1.0	0.43
78-87-5	1,2-Dichloropropane	21.0		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	21.9		1.0	0.33
541-73-1	1,3-Dichlorobenzene	20.6		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.9		1.0	0.33
78-93-3	2-Butanone (MEK)	98.2		5.0	1.9
591-78-6	2-Hexanone	110		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	113		5.0	1.3
67-64-1	Acetone	86.4		5.0	4.4
71-43-2	Benzene	20.7		1.0	0.20
75-25-2	Bromoform	23.2		1.0	0.54
74-83-9	Bromomethane	19.5		1.0	0.55
75-15-0	Carbon disulfide	19.3		1.0	0.82
56-23-5	Carbon tetrachloride	28.1		1.0	0.21
108-90-7	Chlorobenzene	21.6		1.0	0.38
74-97-5	Chlorobromomethane	19.7		1.0	0.41
124-48-1	Chlorodibromomethane	22.8		1.0	0.28
75-00-3	Chloroethane	18.5		1.0	0.32
67-66-3	Chloroform	25.1		1.0	0.33
74-87-3	Chloromethane	19.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.2		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-310812-A-2 MS

Matrix: Water | Lab File ID: TT85080.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 15:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	20.3		1.0	0.22
110-82-7	Cyclohexane	23.1		1.0	0.32
75-27-4	Dichlorobromomethane	20.7		1.0	0.34
75-71-8	Dichlorodifluoromethane	17.5		1.0	0.31
100-41-4	Ethylbenzene	21.8		1.0	0.30
106-93-4	Ethylene Dibromide	18.7		1.0	0.50
98-82-8	Isopropylbenzene	21.9		1.0	0.34
79-20-9	Methyl acetate	27.5		5.0	0.79
1634-04-4	Methyl tert-butyl ether	19.3		1.0	0.22
108-87-2	Methylcyclohexane	23.0		1.0	0.71
75-09-2	Methylene Chloride	20.7		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	22.3		1.0	0.30
104-51-8	n-Butylbenzene	22.9		1.0	0.32
103-65-1	N-Propylbenzene	22.1		1.0	0.32
95-47-6	o-Xylene	22.0		1.0	0.36
135-98-8	sec-Butylbenzene	22.8		1.0	0.37
100-42-5	Styrene	21.6		1.0	0.42
98-06-6	tert-Butylbenzene	21.9		1.0	0.34
127-18-4	Tetrachloroethene	21.7		1.0	0.25
108-88-3	Toluene	19.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.3		1.0	0.22
79-01-6	Trichloroethene	21.3		1.0	0.31
75-69-4	Trichlorofluoromethane	20.6		1.0	0.32
75-01-4	Vinyl chloride	19.3		1.0	0.17
1330-20-7	Xylenes, Total	44.4		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-310812-A-2 MS

Matrix: Water | Lab File ID: TT85080.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 15:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Report Date: 16-Sep-2024 12:21:01 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85080.D
Lims ID: 460-310812-A-2 MS
Client ID: EPMW-8
Sample Type: MS
Inject. Date: 14-Sep-2024 15:42:30 ALS Bottle#: 14 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310812-A-2 MS
Misc. Info.: 460-0180834-032
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 12:21:00 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: HVW2 Date: 15-Sep-2024 17:26:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.210	1.216	-0.006	1	167	20.0	3.51	
3 Chlorotrifluoroethene	116	1.296	1.296	0.000	83	10015	20.0	14.5	
2 1,1-Difluoroethane	65	1.308	1.320	-0.012	97	27257	20.0	14.7	
4 Dichlorodifluoromethane	85	1.320	1.332	-0.012	99	77018	20.0	17.5	
5 Chlorodifluoromethane	67	1.345	1.357	-0.012	97	10697	20.0	20.2	
6 Chloromethane	50	1.497	1.503	-0.006	99	100434	20.0	19.1	
7 Vinyl chloride	62	1.552	1.552	0.000	97	89008	20.0	19.3	
8 Butadiene	54	1.570	1.576	-0.006	95	88565	20.0	20.4	
9 Bromomethane	94	1.820	1.820	0.000	99	63497	20.0	19.5	
10 Chloroethane	64	1.881	1.887	-0.006	99	56350	20.0	18.5	
11 Dichlorofluoromethane	67	2.040	2.052	-0.012	99	149567	20.0	19.2	
12 Trichlorofluoromethane	101	2.052	2.064	-0.012	50	96211	20.0	20.6	
13 Pentane	72	2.064	2.070	-0.006	96	23562	40.0	43.4	
14 Ethanol	46	2.222	2.204	0.018	81	12827	800.0	817.3	
15 Ethyl ether	74	2.235	2.241	-0.006	93	44620	20.0	19.7	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	96	66248	20.0	21.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.295	0.007	85	59458	20.0	20.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.351	2.363	-0.013	90	96122	20.0	18.5	
19 Acrolein	56	2.393	2.393	0.000	93	20583	40.0	32.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.424	-0.013	94	63416	20.0	22.4	
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	98	72249	20.0	20.9	
22 Acetone	43	2.503	2.509	-0.006	88	72468	100.0	86.4	
23 Iodomethane	142	2.570	2.576	-0.006	97	124525	20.0	21.0	
25 Isopropyl alcohol	45	2.588	2.594	-0.006	32	31941	200.0	199.5	
24 Carbon disulfide	76	2.600	2.606	-0.006	99	238396	20.0	19.3	
26 3-Chloro-1-propene	76	2.716	2.722	-0.006	94	46413	20.0	19.8	
27 Methyl acetate	43	2.722	2.734	-0.012	70	79872	40.0	27.5	
28 Cyclopentene	67	2.741	2.741	0.000	93	159353	20.0	22.0	
29 Acetonitrile	41	2.777	2.777	0.000	98	79381	200.0	218.7	a
* 31 TBA-d9 (IS)	66	2.838	2.844	-0.006	0	39369	1000.0	1000.0	
30 Methylene Chloride	84	2.838	2.844	-0.006	93	88647	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.887	2.899	-0.012	91	52892	200.0	206.5	a
33 Methyl tert-butyl ether	73	2.985	2.997	-0.012	97	205216	20.0	19.3	
34 trans-1,2-Dichloroethene	96	3.009	3.015	-0.006	96	78632	20.0	21.2	
35 Acrylonitrile	53	3.076	3.076	0.000	95	226681	200.0	157.8	
36 Hexane	57	3.155	3.161	-0.006	92	97549	20.0	25.1	
37 Isopropyl ether	45	3.356	3.362	-0.006	96	257354	20.0	20.1	
38 1,1-Dichloroethane	63	3.387	3.387	0.000	99	145292	20.0	21.1	
39 Vinyl acetate	86	3.393	3.399	-0.006	100	25361	40.0	63.0	
40 2-Chloro-1,3-butadiene	88	3.423	3.429	-0.006	88	70079	20.0	22.5	
41 Tert-butyl ethyl ether	59	3.655	3.661	-0.006	89	236157	20.0	20.7	
* 42 2-Butanone-d5	46	3.832	3.838	-0.006	0	291589	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.868	-0.006	87	23792	20.0	22.5	a
44 cis-1,2-Dichloroethene	96	3.875	3.881	-0.006	94	85019	20.0	20.2	
45 2-Butanone (MEK)	72	3.887	3.893	-0.006	97	30059	100.0	98.2	
46 Ethyl acetate	70	3.893	3.893	0.000	94	11747	40.0	43.8	
47 Methyl acrylate	55	3.936	3.948	-0.012	99	52494	20.0	17.1	
48 Propionitrile	54	4.009	4.021	-0.012	98	80365	200.0	178.2	
50 Tetrahydrofuran	72	4.082	4.088	-0.006	53	15066	40.0	41.0	
49 Chlorobromomethane	128	4.088	4.088	0.000	87	40461	20.0	19.7	
51 Methacrylonitrile	67	4.112	4.112	0.000	91	251576	200.0	173.4	
52 Chloroform	83	4.143	4.149	-0.006	98	153641	20.0	25.1	
53 Cyclohexane	84	4.271	4.271	0.000	91	109383	20.0	23.1	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	95	104640	20.0	23.1	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.295	-0.006	98	175870	50.0	49.7	
56 Carbon tetrachloride	117	4.393	4.399	-0.006	97	83773	20.0	28.1	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	98	104212	20.0	22.4	
58 Isobutyl alcohol	43	4.545	4.545	0.000	94	67118	500.0	784.1	
59 Isooctane	57	4.588	4.588	0.000	98	240526	20.0	22.0	
60 Benzene	78	4.606	4.612	-0.006	97	312868	20.0	20.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.630	-0.006	0	182138	50.0	43.6	
63 Isopropyl acetate	61	4.667	4.679	-0.012	92	34911	20.0	18.3	
62 Tert-amyl methyl ether	73	4.673	4.679	-0.006	87	234062	20.0	20.2	
64 1,2-Dichloroethane	62	4.698	4.697	0.001	96	86275	20.0	18.1	
65 n-Heptane	100	4.765	4.771	-0.006	92	16314	20.0	25.3	
* 66 Fluorobenzene	96	4.887	4.893	-0.006	99	730796	50.0	50.0	
67 n-Butanol	56	5.185	5.191	-0.006	86	33553	500.0	585.8	
68 Trichloroethene	95	5.228	5.228	0.000	99	73731	20.0	21.3	
70 Ethyl acrylate	99	5.356	5.350	0.006	95	9285	20.0	16.3	
69 Methylcyclohexane	83	5.350	5.356	-0.006	81	124627	20.0	23.0	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	94	81405	20.0	21.0	
* 72 1,4-Dioxane-d8	96	5.563	5.557	0.006	0	29556	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	89	30185	40.0	37.0	
75 1,4-Dioxane	88	5.612	5.612	0.000	49	11902	400.0	370.6	
74 Dibromomethane	93	5.636	5.636	0.000	96	41784	20.0	18.7	
76 n-Propyl acetate	43	5.649	5.648	0.001	99	81548	20.0	16.2	
77 Dichlorobromomethane	83	5.783	5.789	-0.006	99	83020	20.0	20.7	
78 2-Nitropropane	41	6.112	6.112	0.000	99	18558	40.0	39.6	
80 Epichlorohydrin	57	6.216	6.215	0.001	98	63587	400.0	257.0	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.001	91	111410	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	96	115320	100.0	112.9	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	695180	50.0	50.2	
84 Toluene	91	6.587	6.587	0.000	94	312700	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	94	89069	20.0	19.3	
86 Ethyl methacrylate	69	6.972	6.978	-0.006	90	83693	20.0	17.4	
87 1,1,2-Trichloroethane	83	7.142	7.148	-0.006	97	49576	20.0	18.6	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	73866	20.0	21.7	
89 1,3-Dichloropropane	76	7.350	7.349	0.001	94	99490	20.0	18.6	
90 2-Hexanone	43	7.423	7.423	0.000	97	178747	100.0	109.8	
91 n-Butyl acetate	43	7.539	7.544	-0.005	99	92128	20.0	18.9	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	57778	20.0	22.8	
93 Ethylene Dibromide	107	7.721	7.721	0.000	98	55802	20.0	18.7	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	516740	50.0	50.0	
95 Chlorobenzene	112	8.301	8.300	0.001	96	203424	20.0	21.6	
96 Ethylbenzene	106	8.410	8.410	0.000	98	111052	20.0	21.8	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.428	-0.006	96	66075	20.0	24.1	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	136260	20.0	22.3	
99 o-Xylene	106	9.087	9.087	0.000	95	137246	20.0	22.0	
100 n-Butyl acrylate	73	9.087	9.093	-0.006	99	52940	20.0	25.6	
101 Styrene	104	9.124	9.123	0.001	97	212753	20.0	21.6	
102 Bromoform	173	9.367	9.373	-0.006	96	33814	20.0	23.2	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	91	122126	20.0	16.5	
104 Isopropylbenzene	105	9.532	9.532	0.000	95	310205	20.0	21.9	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	94	215853	50.0	49.7	
106 Bromobenzene	156	9.898	9.898	0.000	99	85230	20.0	20.9	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	99	72957	20.0	18.6	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	408977	20.0	22.1	
109 1,2,3-Trichloropropane	110	10.014	10.013	0.001	98	19709	20.0	17.6	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.038	0.006	89	11325	20.0	12.5	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	281604	20.0	21.7	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	336586	20.0	21.7	
113 1,3,5-Trimethylbenzene	105	10.197	10.196	0.001	93	280715	20.0	21.9	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	275667	20.0	22.1	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	90	91421	20.0	18.5	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	235732	20.0	21.9	
117 1,2,4-Trimethylbenzene	105	10.575	10.574	0.000	97	294190	20.0	22.1	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	372440	20.0	22.8	
119 1,3-Dichlorobenzene	146	10.855	10.849	0.006	97	163996	20.0	20.6	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	314604	20.0	22.5	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	286222	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	166297	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	315565	20.0	21.8	
124 Benzyl chloride	91	11.087	11.086	0.001	99	114035	20.0	20.3	
125 2,3-Dihydroindene	117	11.148	11.147	0.001	94	306032	20.0	22.2	
126 p-Diethylbenzene	119	11.215	11.214	0.001	94	202775	20.0	22.7	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	175074	20.0	22.9	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	97	163982	20.0	21.0	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	300629	20.0	21.5	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	97	10691	20.0	19.0	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	141011	20.0	21.1	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	93	129806	20.0	21.7	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	98	66014	20.0	21.5	
134 Naphthalene	128	12.775	12.775	0.000	99	260436	20.0	18.7	
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	121354	20.0	19.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	44.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.6	
S 140 Total BTEX	1				0		100.0	106.2	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00174	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	20.00	Units: uL	
524FREONS_00024	Amount Added:	20.00	Units: uL	
GASES Li_00602	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 16-Sep-2024 12:21:01 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85080.D

Injection Date: 14-Sep-2024 15:42:30 Instrument ID: CVOAMS17

Lims ID: 460-310812-A-2 MS

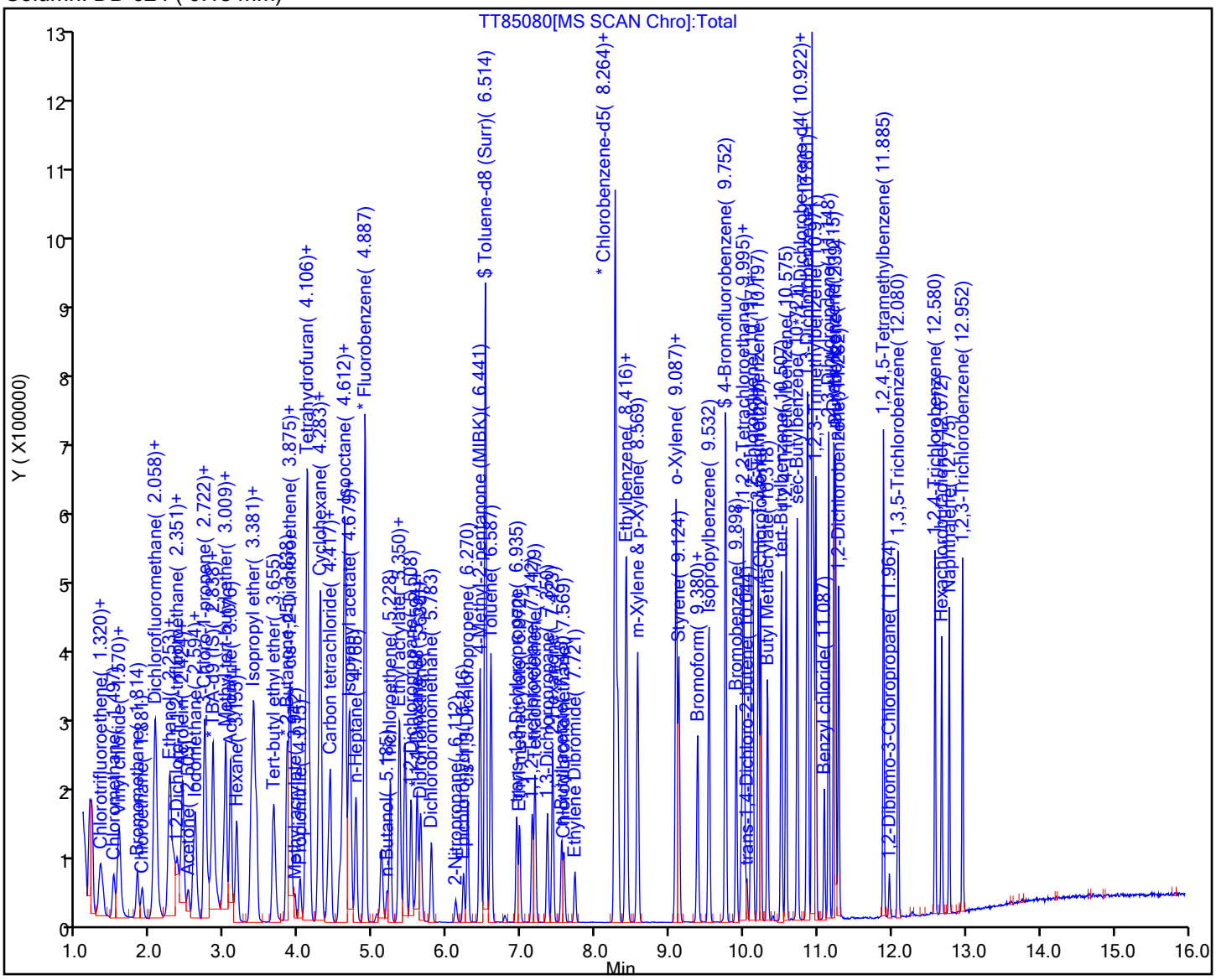
Client ID: EPMW-8

Operator ID: ALS Bottle#: 14 Worklist Smp#: 32

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 16-Sep-2024 12:21:01 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85080.D
Lims ID: 460-310812-A-2 MS
Client ID: EPMW-8
Sample Type: MS
Inject. Date: 14-Sep-2024 15:42:30 ALS Bottle#: 14 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310812-A-2 MS
Misc. Info.: 460-0180834-032
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 12:21:00 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: HVW2 Date: 15-Sep-2024 17:26:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.7	99.45
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	43.6	87.12
$ 83 Toluene-d8 (Surr)	50.0	50.2	100.45
$ 105 4-Bromofluorobenzene	50.0	49.7	99.37

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-06_20240910 MSD | Lab Sample ID: 460-311225-1 MSD

Matrix: Water | Lab File ID: TT85042.D

Analysis Method: 8260D | Date Collected: 09/10/2024 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 03:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.8		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.5		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.2		1.0	0.20
75-34-3	1,1-Dichloroethane	18.5		1.0	0.26
75-35-4	1,1-Dichloroethene	18.4		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	18.7		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.2		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	20.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.1		1.0	0.21
107-06-2	1,2-Dichloroethane	15.9		1.0	0.43
78-87-5	1,2-Dichloropropane	19.0		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	20.1		1.0	0.33
541-73-1	1,3-Dichlorobenzene	19.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.3		1.0	0.33
78-93-3	2-Butanone (MEK)	94.2		5.0	1.9
591-78-6	2-Hexanone	102		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	106		5.0	1.3
67-64-1	Acetone	79.7		5.0	4.4
71-43-2	Benzene	18.9		1.0	0.20
75-25-2	Bromoform	21.4		1.0	0.54
74-83-9	Bromomethane	16.9		1.0	0.55
75-15-0	Carbon disulfide	16.8		1.0	0.82
56-23-5	Carbon tetrachloride	24.0		1.0	0.21
108-90-7	Chlorobenzene	19.3		1.0	0.38
74-97-5	Chlorobromomethane	17.7		1.0	0.41
124-48-1	Chlorodibromomethane	21.0		1.0	0.28
75-00-3	Chloroethane	15.9		1.0	0.32
67-66-3	Chloroform	18.8		1.0	0.33
74-87-3	Chloromethane	16.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-06_20240910 MSD | Lab Sample ID: 460-311225-1 MSD

Matrix: Water | Lab File ID: TT85042.D

Analysis Method: 8260D | Date Collected: 09/10/2024 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 03:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	18.2		1.0	0.22
110-82-7	Cyclohexane	21.6		1.0	0.32
75-27-4	Dichlorobromomethane	18.7		1.0	0.34
75-71-8	Dichlorodifluoromethane	17.0		1.0	0.31
100-41-4	Ethylbenzene	19.9		1.0	0.30
106-93-4	Ethylene Dibromide	16.6		1.0	0.50
98-82-8	Isopropylbenzene	20.2		1.0	0.34
79-20-9	Methyl acetate	24.7		5.0	0.79
1634-04-4	Methyl tert-butyl ether	16.8		1.0	0.22
108-87-2	Methylcyclohexane	21.6		1.0	0.71
75-09-2	Methylene Chloride	17.9		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.2		1.0	0.30
104-51-8	n-Butylbenzene	21.3		1.0	0.32
103-65-1	N-Propylbenzene	20.7		1.0	0.32
95-47-6	o-Xylene	19.7		1.0	0.36
135-98-8	sec-Butylbenzene	21.1		1.0	0.37
100-42-5	Styrene	19.7		1.0	0.42
98-06-6	tert-Butylbenzene	20.0		1.0	0.34
127-18-4	Tetrachloroethene	87.0		1.0	0.25
108-88-3	Toluene	17.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.7		1.0	0.22
79-01-6	Trichloroethene	19.6		1.0	0.31
75-69-4	Trichlorofluoromethane	18.5		1.0	0.32
75-01-4	Vinyl chloride	16.9		1.0	0.17
1330-20-7	Xylenes, Total	39.9		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: MW-06_20240910 MSD | Lab Sample ID: 460-311225-1 MSD

Matrix: Water | Lab File ID: TT85042.D

Analysis Method: 8260D | Date Collected: 09/10/2024 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 03:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995734 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Report Date: 16-Sep-2024 13:33:34 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85042.D
Lims ID: 460-311225-A-1 MSD
Client ID: MW-06_20240910
Sample Type: MSD
Inject. Date: 14-Sep-2024 03:26:30 ALS Bottle#: 29 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-311225-A-1 MSD
Misc. Info.: 460-0180816-028
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 13:33:33 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: FK2C Date: 14-Sep-2024 07:23:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.223	1.241	-0.018	19	1671	20.0	29.9	
3 Chlorotrifluoroethene	116	1.284	1.302	-0.018	84	23111	20.0	30.8	
2 1,1-Difluoroethane	65	1.308	1.320	-0.012	99	39211	20.0	19.8	
4 Dichlorodifluoromethane	85	1.308	1.332	-0.024	94	80028	20.0	17.0	
5 Chlorodifluoromethane	67	1.345	1.369	-0.024	97	12264	20.0	21.5	
6 Chloromethane	50	1.491	1.503	-0.012	100	94548	20.0	16.8	
7 Vinyl chloride	62	1.546	1.558	-0.012	98	83760	20.0	16.9	
8 Butadiene	54	1.570	1.582	-0.012	95	84753	20.0	18.2	
9 Bromomethane	94	1.814	1.826	-0.012	99	59227	20.0	16.9	
10 Chloroethane	64	1.881	1.887	-0.006	100	51779	20.0	15.9	
11 Dichlorofluoromethane	67	2.040	2.046	-0.006	98	142499	20.0	17.1	
12 Trichlorofluoromethane	101	2.052	2.058	-0.006	50	92671	20.0	18.5	
13 Pentane	72	2.052	2.064	-0.012	96	24537	40.0	42.1	
14 Ethanol	46	2.210	2.235	-0.025	91	12046	800.0	693.0	
15 Ethyl ether	74	2.235	2.241	-0.006	95	43458	20.0	17.8	
16 2-Methyl-1,3-butadiene	53	2.259	2.265	-0.006	96	59780	20.0	18.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.296	2.302	-0.006	93	65414	20.0	20.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	90	109894	20.0	19.7	
19 Acrolein	56	2.387	2.399	-0.012	93	19320	40.0	28.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.430	-0.019	77	65492	20.0	21.5	
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	98	68220	20.0	18.4	
22 Acetone	43	2.497	2.509	-0.012	89	71583	100.0	79.7	
23 Iodomethane	142	2.570	2.576	-0.006	96	117741	20.0	18.5	
25 Isopropyl alcohol	45	2.582	2.588	-0.006	31	32071	200.0	185.7	a
24 Carbon disulfide	76	2.594	2.607	-0.013	99	222710	20.0	16.8	
26 3-Chloro-1-propene	76	2.716	2.722	-0.006	95	44558	20.0	17.7	
27 Methyl acetate	43	2.722	2.728	-0.006	73	76772	40.0	24.7	
28 Cyclopentene	67	2.735	2.741	-0.006	94	131689	20.0	16.9	
29 Acetonitrile	41	2.777	2.777	0.000	95	72642	200.0	186.8	Ma
* 31 TBA-d9 (IS)	66	2.832	2.838	-0.006	0	42472	1000.0	1000.0	
30 Methylene Chloride	84	2.832	2.844	-0.012	92	82215	20.0	17.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.881	2.899	-0.018	91	51064	200.0	184.8	a
33 Methyl tert-butyl ether	73	2.991	2.997	-0.006	97	192263	20.0	16.8	
34 trans-1,2-Dichloroethene	96	3.003	3.015	-0.012	95	76104	20.0	19.1	
35 Acrylonitrile	53	3.070	3.082	-0.012	95	223504	200.0	145.2	
36 Hexane	57	3.149	3.161	-0.012	93	95828	20.0	23.0	
37 Isopropyl ether	45	3.350	3.362	-0.012	97	243423	20.0	17.7	
38 1,1-Dichloroethane	63	3.381	3.387	-0.006	99	136772	20.0	18.5	
39 Vinyl acetate	86	3.393	3.393	0.000	100	23944	40.0	55.5	
40 2-Chloro-1,3-butadiene	88	3.417	3.430	-0.013	89	65128	20.0	19.5	
41 Tert-butyl ethyl ether	59	3.649	3.661	-0.012	89	226396	20.0	18.5	
* 42 2-Butanone-d5	46	3.832	3.838	-0.006	0	312327	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.868	0.000	97	21892	20.0	19.3	a
44 cis-1,2-Dichloroethene	96	3.875	3.881	-0.006	96	86014	20.0	19.1	
45 2-Butanone (MEK)	72	3.887	3.893	-0.006	97	30899	100.0	94.2	
46 Ethyl acetate	70	3.887	3.899	-0.012	94	11756	40.0	40.9	
47 Methyl acrylate	55	3.942	3.942	0.000	100	50863	20.0	15.5	
48 Propionitrile	54	4.009	4.015	-0.006	98	78194	200.0	160.7	
50 Tetrahydrofuran	72	4.082	4.082	0.000	51	12441	40.0	31.6	
49 Chlorobromomethane	128	4.088	4.088	0.000	87	38905	20.0	17.7	
51 Methacrylonitrile	67	4.106	4.112	-0.006	91	247791	200.0	159.3	
52 Chloroform	83	4.137	4.143	-0.006	98	123673	20.0	18.8	
53 Cyclohexane	84	4.265	4.271	-0.006	91	109608	20.0	21.6	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	96	97316	20.0	20.1	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.295	-0.006	98	184081	50.0	48.5	
56 Carbon tetrachloride	117	4.393	4.393	0.000	97	76966	20.0	24.0	
57 1,1-Dichloropropene	75	4.417	4.423	-0.006	98	97764	20.0	19.6	
58 Isobutyl alcohol	43	4.545	4.551	-0.006	95	52780	500.0	571.5	
59 Isooctane	57	4.588	4.594	-0.006	97	254147	20.0	21.7	
60 Benzene	78	4.606	4.612	-0.006	95	300878	20.0	18.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	193719	50.0	43.2	
63 Isopropyl acetate	61	4.679	4.679	0.000	90	34969	20.0	17.1	
62 Tert-amyl methyl ether	73	4.673	4.679	-0.006	85	220593	20.0	17.8	
64 1,2-Dichloroethane	62	4.698	4.698	0.000	95	81333	20.0	15.9	
65 n-Heptane	100	4.765	4.771	-0.006	94	15443	20.0	22.3	
* 66 Fluorobenzene	96	4.887	4.893	-0.006	99	783458	50.0	50.0	
67 n-Butanol	56	5.185	5.191	-0.006	87	32807	500.0	530.9	
68 Trichloroethene	95	5.228	5.228	0.000	99	72710	20.0	19.6	
70 Ethyl acrylate	99	5.350	5.356	-0.006	94	8873	20.0	14.5	a
69 Methylcyclohexane	83	5.350	5.356	-0.006	81	125536	20.0	21.6	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	95	78987	20.0	19.0	
* 72 1,4-Dioxane-d8	96	5.563	5.569	-0.006	0	27904	1000.0	1000.0	M
73 Methyl methacrylate	100	5.588	5.594	-0.006	91	30226	40.0	34.6	
75 1,4-Dioxane	88	5.606	5.618	-0.012	87	11405	400.0	376.1	
74 Dibromomethane	93	5.630	5.636	-0.006	97	39260	20.0	16.4	
76 n-Propyl acetate	43	5.649	5.649	0.000	98	72271	20.0	13.4	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	80539	20.0	18.7	
78 2-Nitropropane	41	6.112	6.118	-0.006	97	18964	40.0	37.8	
80 Epichlorohydrin	57	6.216	6.216	0.000	98	58106	400.0	219.3	
81 cis-1,3-Dichloropropene	75	6.270	6.277	-0.007	92	105161	20.0	18.2	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	96	115589	100.0	105.7	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	742038	50.0	50.9	
84 Toluene	91	6.587	6.587	0.000	93	304706	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	95	86215	20.0	17.7	
86 Ethyl methacrylate	69	6.972	6.972	0.000	91	81775	20.0	16.1	
87 1,1,2-Trichloroethane	83	7.142	7.148	-0.006	97	53709	20.0	19.2	
88 Tetrachloroethene	166	7.179	7.185	-0.006	97	311205	20.0	87.0	
89 1,3-Dichloropropane	76	7.349	7.350	-0.001	93	98227	20.0	17.4	
90 2-Hexanone	43	7.423	7.423	0.000	95	178333	100.0	102.2	
91 n-Butyl acetate	43	7.538	7.545	-0.007	99	88628	20.0	17.3	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	56066	20.0	21.0	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	52185	20.0	16.6	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	543822	50.0	50.0	
95 Chlorobenzene	112	8.301	8.301	0.000	95	191624	20.0	19.3	
96 Ethylbenzene	106	8.410	8.410	0.000	98	106767	20.0	19.9	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	97	61752	20.0	21.4	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	129840	20.0	20.2	
99 o-Xylene	106	9.087	9.087	0.000	95	129070	20.0	19.7	
100 n-Butyl acrylate	73	9.087	9.093	-0.006	97	53407	20.0	24.6	
101 Styrene	104	9.124	9.124	0.000	97	204341	20.0	19.7	
102 Bromoform	173	9.367	9.374	-0.007	96	32714	20.0	21.4	
103 Amyl acetate (mixed isomers)	43	9.380	9.380	0.000	91	123324	20.0	16.1	
104 Isopropylbenzene	105	9.532	9.532	0.000	95	301426	20.0	20.2	
$ 105 4-Bromofluorobenzene	174	9.758	9.758	0.000	95	223169	50.0	48.8	
106 Bromobenzene	156	9.898	9.898	0.000	99	80501	20.0	19.2	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.971	-0.006	99	72255	20.0	17.8	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	394952	20.0	20.7	
109 1,2,3-Trichloropropane	110	10.014	10.014	0.000	97	19607	20.0	16.9	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	91	10386	20.0	11.1	
111 2-Chlorotoluene	91	10.105	10.105	0.000	96	262880	20.0	19.6	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	324941	20.0	20.4	
113 1,3,5-Trimethylbenzene	105	10.196	10.197	-0.001	94	266020	20.0	20.1	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	264337	20.0	20.6	
115 Butyl Methacrylate	87	10.318	10.318	0.000	90	90725	20.0	17.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	222295	20.0	20.0	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	281152	20.0	20.4	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	355060	20.0	21.1	
119 1,3-Dichlorobenzene	146	10.855	10.849	0.006	98	157259	20.0	19.1	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	303399	20.0	21.0	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	295280	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	157894	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	299007	20.0	20.0	
124 Benzyl chloride	91	11.087	11.087	0.000	98	102207	20.0	17.7	
125 2,3-Dihydroindene	117	11.148	11.148	0.000	94	291569	20.0	20.5	
126 p-Diethylbenzene	119	11.215	11.215	0.000	94	190324	20.0	20.7	
127 n-Butylbenzene	92	11.239	11.239	0.000	99	168025	20.0	21.3	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	153913	20.0	19.1	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	282795	20.0	19.6	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	97	10730	20.0	18.5	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	134356	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	12.580	12.580	0.000	94	124728	20.0	20.2	
133 Hexachlorobutadiene	225	12.672	12.672	0.000	98	61073	20.0	19.2	
134 Naphthalene	128	12.775	12.775	0.000	100	301422	20.0	20.9	
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	118617	20.0	18.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	39.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	35.9	
S 140 Total BTEX	1				0		100.0	96.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00174	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00193	Amount Added:	20.00	Units: uL	
524FREONS_00024	Amount Added:	20.00	Units: uL	
GASES Li_00602	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 16-Sep-2024 13:33:34 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85042.D

Injection Date: 14-Sep-2024 03:26:30 Instrument ID: CVOAMS17

Lims ID: 460-311225-A-1 MSD

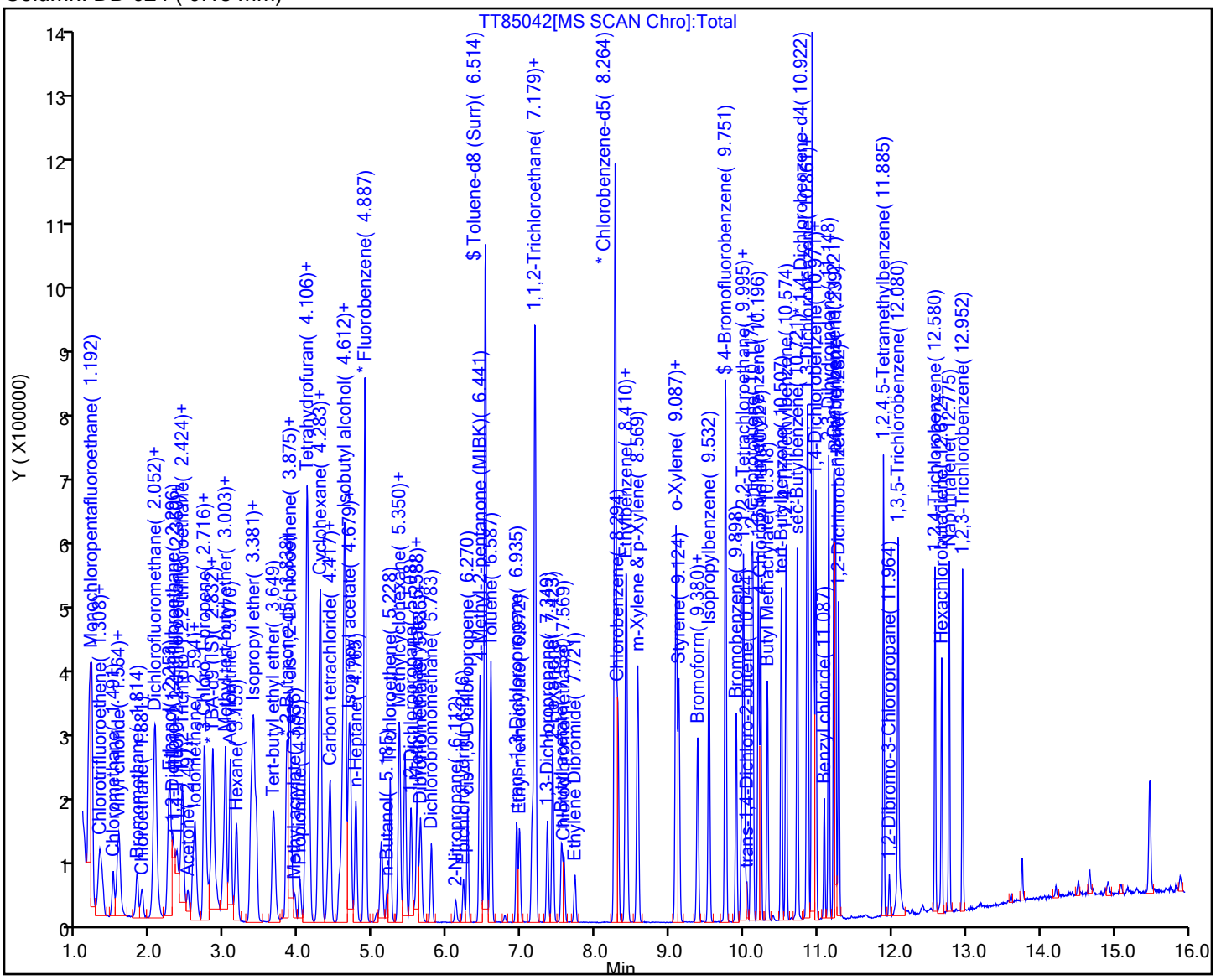
Client ID: MW-06_20240910

Operator ID: ALS Bottle#: 29 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85042.D				
Lims ID:	460-311225-A-1 MSD				
Client ID:	MW-06_20240910				
Sample Type:	MSD				
Inject. Date:	14-Sep-2024 03:26:30	ALS Bottle#:	29	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-311225-A-1 MSD				
Misc. Info.:	460-0180816-028				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	16-Sep-2024 13:33:33	Calib Date:	30-Aug-2024 10:24:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1682				

First Level Reviewer: FK2C Date: 14-Sep-2024 07:23:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	48.5	97.10
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	43.2	86.43
$ 83 Toluene-d8 (Surr)	50.0	50.9	101.88
$ 105 4-Bromofluorobenzene	50.0	48.8	97.62

Eurofins Edison

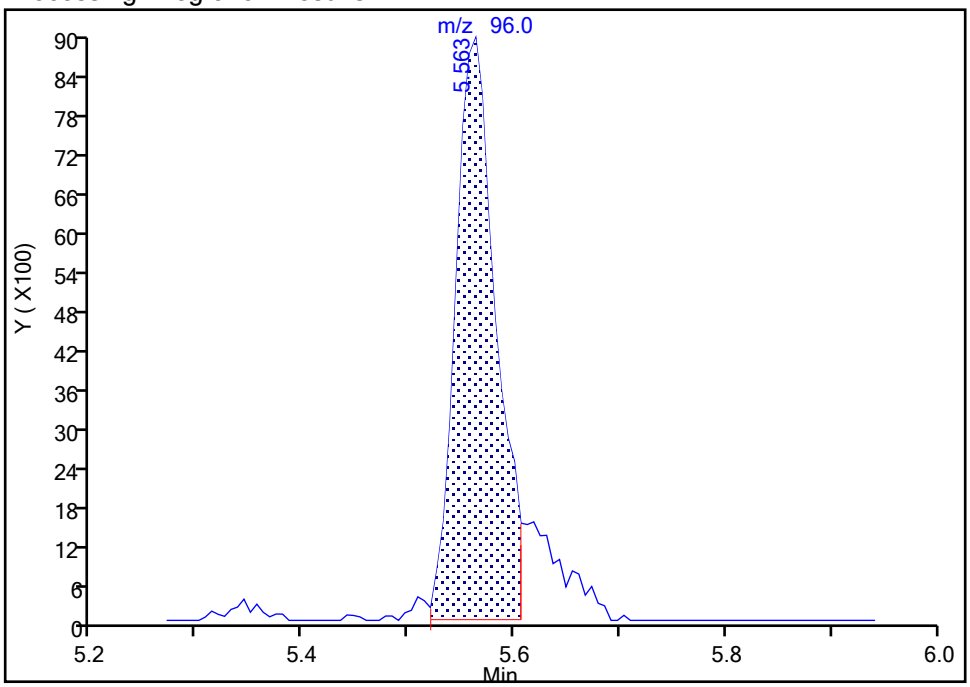
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240913-180816.b\TT85042.D
Injection Date: 14-Sep-2024 03:26:30 Instrument ID: CVOAMS17
Lims ID: 460-311225-A-1 MSD
Client ID: MW-06_20240910
Operator ID: ALS Bottle#: 29 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

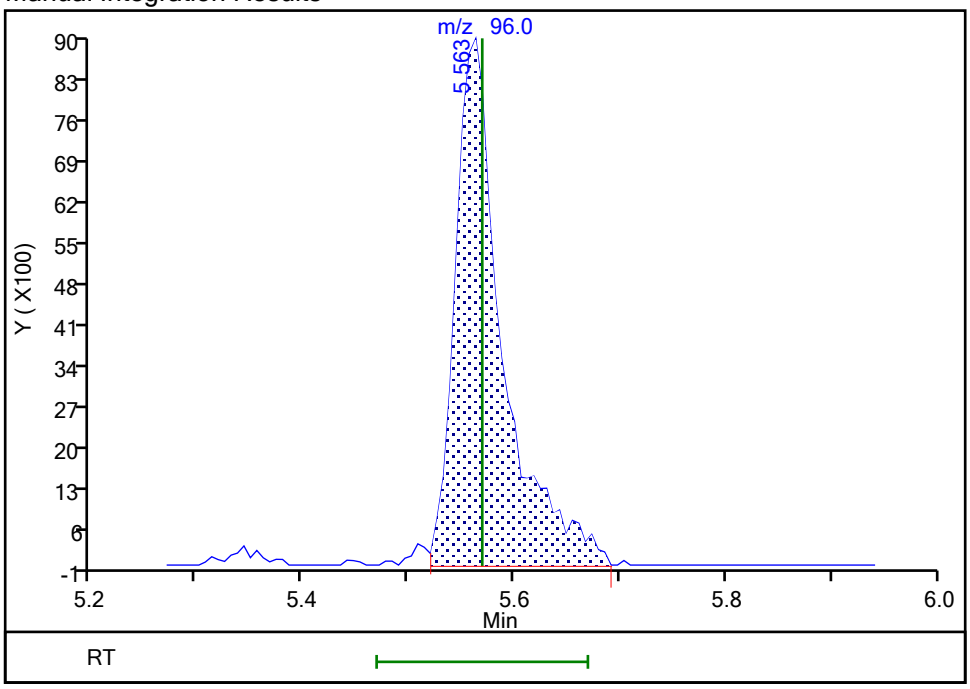
Processing Integration Results

RT: 5.56
Area: 23921
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.56
Area: 27904
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 16-Sep-2024 13:32:53 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-310812-A-2 MSD

Matrix: Water | Lab File ID: TT85081.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 16:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	25.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.2		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24.7		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.1		1.0	0.20
75-34-3	1,1-Dichloroethane	23.0		1.0	0.26
75-35-4	1,1-Dichloroethene	22.4		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	23.0		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	24.7		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	25.2		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	22.8		1.0	0.38
95-50-1	1,2-Dichlorobenzene	23.9		1.0	0.21
107-06-2	1,2-Dichloroethane	19.6		1.0	0.43
78-87-5	1,2-Dichloropropane	22.6		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	24.5		1.0	0.33
541-73-1	1,3-Dichlorobenzene	23.3		1.0	0.34
106-46-7	1,4-Dichlorobenzene	23.6		1.0	0.33
78-93-3	2-Butanone (MEK)	116		5.0	1.9
591-78-6	2-Hexanone	125		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	130		5.0	1.3
67-64-1	Acetone	98.0		5.0	4.4
71-43-2	Benzene	22.8		1.0	0.20
75-25-2	Bromoform	26.1		1.0	0.54
74-83-9	Bromomethane	20.6		1.0	0.55
75-15-0	Carbon disulfide	21.5		1.0	0.82
56-23-5	Carbon tetrachloride	30.3		1.0	0.21
108-90-7	Chlorobenzene	23.8		1.0	0.38
74-97-5	Chlorobromomethane	21.2		1.0	0.41
124-48-1	Chlorodibromomethane	25.2		1.0	0.28
75-00-3	Chloroethane	19.3		1.0	0.32
67-66-3	Chloroform	27.0		1.0	0.33
74-87-3	Chloromethane	20.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	22.1		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-310812-A-2 MSD

Matrix: Water | Lab File ID: TT85081.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 16:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	22.7		1.0	0.22
110-82-7	Cyclohexane	26.2		1.0	0.32
75-27-4	Dichlorobromomethane	23.1		1.0	0.34
75-71-8	Dichlorodifluoromethane	19.4		1.0	0.31
100-41-4	Ethylbenzene	23.4		1.0	0.30
106-93-4	Ethylene Dibromide	20.6		1.0	0.50
98-82-8	Isopropylbenzene	24.6		1.0	0.34
79-20-9	Methyl acetate	30.3		5.0	0.79
1634-04-4	Methyl tert-butyl ether	21.4		1.0	0.22
108-87-2	Methylcyclohexane	25.6		1.0	0.71
75-09-2	Methylene Chloride	22.1		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	24.8		1.0	0.30
104-51-8	n-Butylbenzene	25.3		1.0	0.32
103-65-1	N-Propylbenzene	24.6		1.0	0.32
95-47-6	o-Xylene	24.0		1.0	0.36
135-98-8	sec-Butylbenzene	25.7		1.0	0.37
100-42-5	Styrene	24.0		1.0	0.42
98-06-6	tert-Butylbenzene	24.7		1.0	0.34
127-18-4	Tetrachloroethene	24.7		1.0	0.25
108-88-3	Toluene	21.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	24.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.9		1.0	0.22
79-01-6	Trichloroethene	23.5		1.0	0.31
75-69-4	Trichlorofluoromethane	21.8		1.0	0.32
75-01-4	Vinyl chloride	20.1		1.0	0.17
1330-20-7	Xylenes, Total	48.8		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-311225-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-310812-A-2 MSD

Matrix: Water | Lab File ID: TT85081.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/14/2024 16:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 995829 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85081.D
Lims ID: 460-310812-A-2 MSD
Client ID: EPMW-8
Sample Type: MSD
Inject. Date: 14-Sep-2024 16:01:30 ALS Bottle#: 15 Worklist Smp#: 33
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310812-A-2 MSD
Misc. Info.: 460-0180834-033
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 12:21:47 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: HVW2 Date: 15-Sep-2024 17:27:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.283	1.296	-0.013	83	11023	20.0	16.5	a
2 1,1-Difluoroethane	65	1.308	1.320	-0.012	94	28697	20.0	16.1	a
4 Dichlorodifluoromethane	85	1.320	1.332	-0.012	98	81918	20.0	19.4	
5 Chlorodifluoromethane	67	1.344	1.357	-0.013	97	10677	20.0	20.9	
6 Chloromethane	50	1.491	1.503	-0.012	98	105162	20.0	20.7	
7 Vinyl chloride	62	1.552	1.552	0.000	97	89386	20.0	20.1	
8 Butadiene	54	1.570	1.576	-0.006	95	94283	20.0	22.5	
9 Bromomethane	94	1.814	1.820	-0.006	98	64762	20.0	20.6	
10 Chloroethane	64	1.875	1.887	-0.012	99	56533	20.0	19.3	
11 Dichlorofluoromethane	67	2.039	2.052	-0.013	99	155261	20.0	20.7	
12 Trichlorofluoromethane	101	2.052	2.064	-0.012	48	98254	20.0	21.8	
13 Pentane	72	2.058	2.070	-0.012	97	26688	40.0	51.1	
14 Ethanol	46	2.228	2.204	0.024	75	13905	800.0	888.4	
15 Ethyl ether	74	2.234	2.241	-0.007	95	47094	20.0	21.7	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	96	70569	20.0	24.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.295	2.295	0.000	89	62125	20.0	21.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.344	2.363	-0.019	91	101097	20.0	20.2	
19 Acrolein	56	2.393	2.393	0.000	95	23706	40.0	39.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.424	-0.013	96	67485	20.0	24.7	
21 1,1-Dichloroethene	96	2.423	2.436	-0.013	98	74612	20.0	22.4	
22 Acetone	43	2.503	2.509	-0.006	87	78448	100.0	98.0	
23 Iodomethane	142	2.564	2.576	-0.012	96	132183	20.0	23.1	
25 Isopropyl alcohol	45	2.582	2.594	-0.012	34	34751	200.0	215.0	
24 Carbon disulfide	76	2.594	2.606	-0.012	99	255469	20.0	21.5	
26 3-Chloro-1-propene	76	2.716	2.722	-0.006	95	49280	20.0	21.8	
27 Methyl acetate	43	2.722	2.734	-0.012	72	84701	40.0	30.3	
28 Cyclopentene	67	2.734	2.741	-0.007	95	167462	20.0	24.0	
29 Acetonitrile	41	2.771	2.777	-0.006	95	91229	200.0	263.2	a
* 31 TBA-d9 (IS)	66	2.820	2.844	-0.024	0	39738	1000.0	1000.0	
30 Methylene Chloride	84	2.832	2.844	-0.012	92	91017	20.0	22.1	
32 2-Methyl-2-propanol	59	2.887	2.899	-0.012	93	57848	200.0	223.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.984	2.997	-0.013	98	219224	20.0	21.4	
34 trans-1,2-Dichloroethene	96	3.003	3.015	-0.012	95	86140	20.0	24.1	
35 Acrylonitrile	53	3.070	3.076	-0.006	94	239151	200.0	172.8	
36 Hexane	57	3.155	3.161	-0.006	93	104020	20.0	27.8	
37 Isopropyl ether	45	3.356	3.362	-0.006	94	269637	20.0	21.8	
38 1,1-Dichloroethane	63	3.381	3.387	-0.006	99	152785	20.0	23.0	
39 Vinyl acetate	86	3.393	3.399	-0.006	100	25698	40.0	66.8	
40 2-Chloro-1,3-butadiene	88	3.423	3.429	-0.006	89	71709	20.0	23.9	
41 Tert-butyl ethyl ether	59	3.649	3.661	-0.012	89	249553	20.0	22.7	
* 42 2-Butanone-d5	46	3.832	3.838	-0.006	0	278464	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.868	-0.006	96	24629	20.0	24.2	a
44 cis-1,2-Dichloroethene	96	3.868	3.881	-0.013	95	89493	20.0	22.1	
45 2-Butanone (MEK)	72	3.880	3.893	-0.013	97	33835	100.0	115.7	
46 Ethyl acetate	70	3.887	3.893	-0.006	93	12915	40.0	50.4	
47 Methyl acrylate	55	3.941	3.948	-0.007	100	53980	20.0	18.2	
48 Propionitrile	54	4.009	4.021	-0.013	98	83538	200.0	183.5	
50 Tetrahydrofuran	72	4.082	4.088	-0.006	53	16747	40.0	47.7	
49 Chlorobromomethane	128	4.082	4.088	-0.006	92	41937	20.0	21.2	
51 Methacrylonitrile	67	4.106	4.112	-0.006	91	270643	200.0	193.6	
52 Chloroform	83	4.143	4.149	-0.006	99	159243	20.0	27.0	
53 Cyclohexane	84	4.258	4.271	-0.013	92	119684	20.0	26.2	
54 1,1,1-Trichloroethane	97	4.277	4.283	-0.006	98	109293	20.0	25.1	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.295	-0.006	98	167685	50.0	49.2	
56 Carbon tetrachloride	117	4.386	4.399	-0.013	98	87298	20.0	30.3	
57 1,1-Dichloropropene	75	4.417	4.423	-0.006	98	108343	20.0	24.2	
58 Isobutyl alcohol	43	4.545	4.545	0.000	91	68600	500.0	793.9	
59 Isooctane	57	4.582	4.588	-0.006	97	259111	20.0	24.6	
60 Benzene	78	4.606	4.612	-0.006	97	330076	20.0	22.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.630	-0.006	0	177540	50.0	44.1	
63 Isopropyl acetate	61	4.667	4.679	-0.012	91	40355	20.0	21.9	
62 Tert-amyl methyl ether	73	4.673	4.679	-0.006	85	255587	20.0	22.9	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	96	90152	20.0	19.6	
65 n-Heptane	100	4.764	4.771	-0.007	91	17116	20.0	27.5	
* 66 Fluorobenzene	96	4.886	4.893	-0.007	99	704095	50.0	50.0	
67 n-Butanol	56	5.185	5.191	-0.006	88	36838	500.0	637.1	
68 Trichloroethene	95	5.228	5.228	0.000	98	78340	20.0	23.5	
70 Ethyl acrylate	99	5.356	5.350	0.006	94	9756	20.0	17.8	
69 Methylcyclohexane	83	5.350	5.356	-0.006	81	133565	20.0	25.6	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	95	84410	20.0	22.6	
* 72 1,4-Dioxane-d8	96	5.563	5.557	0.006	0	28547	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	31029	40.0	39.5	
75 1,4-Dioxane	88	5.612	5.612	0.000	85	14509	400.0	467.7	
74 Dibromomethane	93	5.630	5.636	-0.006	95	43658	20.0	20.3	
76 n-Propyl acetate	43	5.648	5.648	0.000	98	85744	20.0	17.7	
77 Dichlorobromomethane	83	5.783	5.789	-0.006	99	89396	20.0	23.1	
78 2-Nitropropane	41	6.112	6.112	0.000	95	22059	40.0	48.7	
80 Epichlorohydrin	57	6.215	6.215	0.000	99	69102	400.0	292.5	
81 cis-1,3-Dichloropropene	75	6.270	6.276	-0.006	91	119433	20.0	22.7	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	96	126547	100.0	129.8	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	665044	50.0	50.1	
84 Toluene	91	6.587	6.587	0.000	94	330997	20.0	21.3	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	94	96843	20.0	21.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.971	6.978	-0.007	89	89553	20.0	19.4	
87 1,1,2-Trichloroethane	83	7.142	7.148	-0.006	96	53757	20.0	21.1	
88 Tetrachloroethene	166	7.179	7.185	-0.006	97	80321	20.0	24.7	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	93	107869	20.0	21.0	
90 2-Hexanone	43	7.422	7.423	-0.001	96	194619	100.0	125.1	
91 n-Butyl acetate	43	7.538	7.544	-0.006	99	95846	20.0	20.5	
92 Chlorodibromomethane	129	7.575	7.575	0.000	97	61143	20.0	25.2	
93 Ethylene Dibromide	107	7.721	7.721	0.000	97	59048	20.0	20.6	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	495316	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	96	214973	20.0	23.8	
96 Ethylbenzene	106	8.410	8.410	0.000	98	114355	20.0	23.4	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.428	-0.006	95	69894	20.0	26.6	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	145337	20.0	24.8	
99 o-Xylene	106	9.087	9.087	0.000	95	143284	20.0	24.0	
100 n-Butyl acrylate	73	9.087	9.093	-0.006	98	56649	20.0	28.6	
101 Styrene	104	9.123	9.123	0.000	96	227217	20.0	24.0	
102 Bromoform	173	9.367	9.373	-0.006	97	36580	20.0	26.1	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	91	128954	20.0	18.4	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	333281	20.0	24.6	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	94	206968	50.0	49.7	
106 Bromobenzene	156	9.898	9.898	0.000	98	88770	20.0	23.1	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	98	78733	20.0	21.2	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	428765	20.0	24.6	
109 1,2,3-Trichloropropane	110	10.013	10.013	0.000	98	21223	20.0	20.0	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.038	0.006	89	12340	20.0	14.4	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	293580	20.0	24.0	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	361487	20.0	24.8	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	94	295902	20.0	24.5	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	290828	20.0	24.7	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	90	96565	20.0	20.7	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	251001	20.0	24.7	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	316617	20.0	25.2	
118 sec-Butylbenzene	105	10.721	10.721	0.000	99	394977	20.0	25.7	
119 1,3-Dichlorobenzene	146	10.855	10.849	0.006	96	174775	20.0	23.3	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	340430	20.0	25.8	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	270057	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	94	176870	20.0	23.6	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	334643	20.0	24.5	
124 Benzyl chloride	91	11.086	11.086	0.000	99	122396	20.0	23.1	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	94	323561	20.0	24.9	
126 p-Diethylbenzene	119	11.214	11.214	0.000	94	212632	20.0	25.2	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	182479	20.0	25.3	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	97	176360	20.0	23.9	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	324878	20.0	24.6	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.964	0.000	96	12139	20.0	22.8	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	150370	20.0	23.9	
132 1,2,4-Trichlorobenzene	180	12.586	12.580	0.006	94	139566	20.0	24.7	
133 Hexachlorobutadiene	225	12.671	12.672	-0.001	97	72491	20.0	25.0	
134 Naphthalene	128	12.775	12.775	0.000	99	283314	20.0	21.5	
135 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	133041	20.0	23.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	46.2	
S 137 Xylenes, Total	100				0		40.0	48.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.6	
S 140 Total BTEX	1				0		100.0	116.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00174	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00193	Amount Added: 20.00	Units: uL	
524FREONS_00024	Amount Added: 20.00	Units: uL	
GASES Li_00602	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 16-Sep-2024 12:21:48 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85081.D

Injection Date: 14-Sep-2024 16:01:30 Instrument ID: CVOAMS17

Lims ID: 460-310812-A-2 MSD

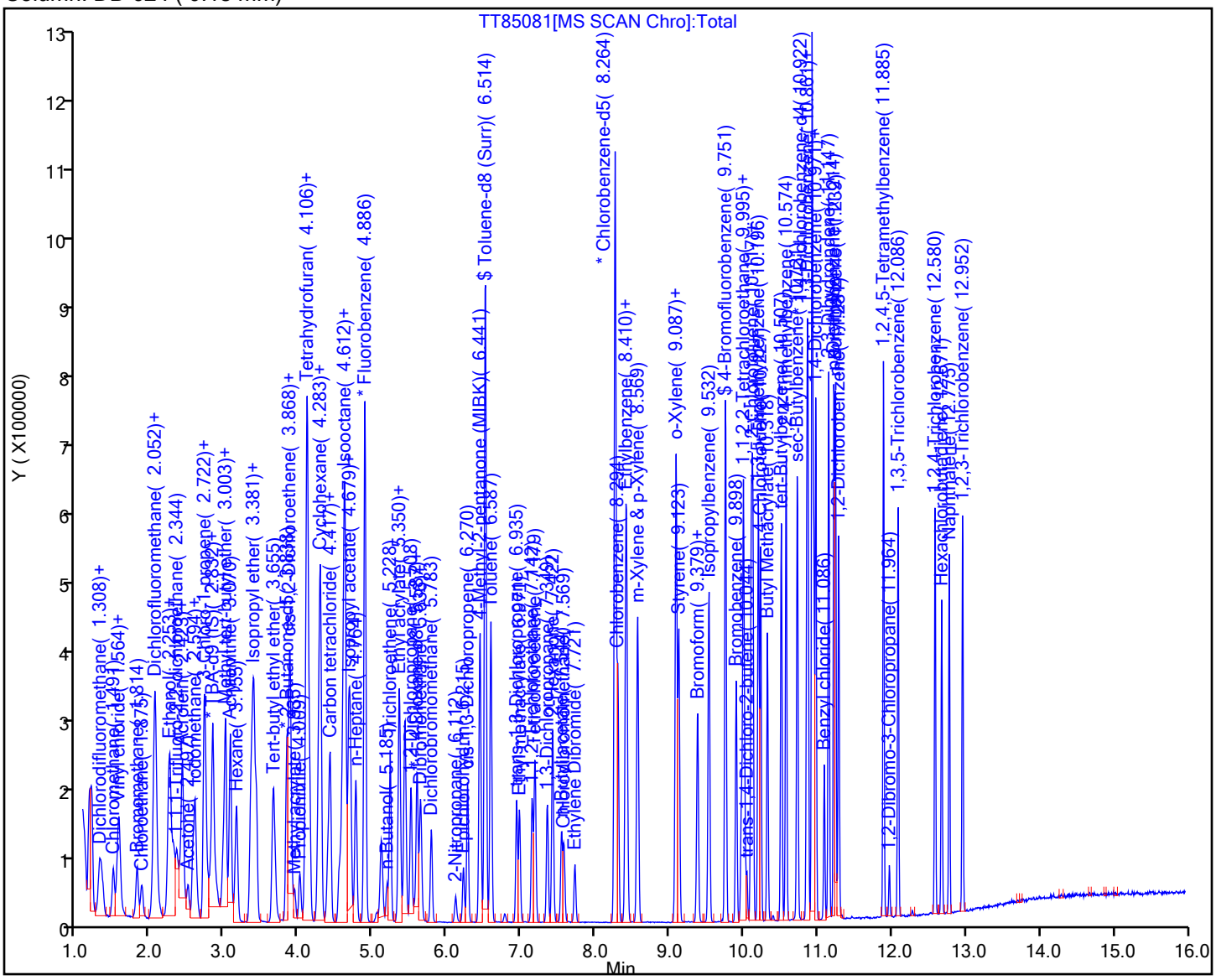
Client ID: EPMW-8

Operator ID: ALS Bottle#: 15 Worklist Smp#: 33

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 16-Sep-2024 12:21:48 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\TT85081.D
Lims ID: 460-310812-A-2 MSD
Client ID: EPMW-8
Sample Type: MSD
Inject. Date: 14-Sep-2024 16:01:30 ALS Bottle#: 15 Worklist Smp#: 33
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310812-A-2 MSD
Misc. Info.: 460-0180834-033
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240914-180834.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Sep-2024 12:21:47 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: HVW2 Date: 15-Sep-2024 17:27:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.2	98.42
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	44.1	88.14
$ 83 Toluene-d8 (Surr)	50.0	50.1	100.25
$ 105 4-Bromofluorobenzene	50.0	49.7	99.40

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 08/30/2024 07:27

Analysis Batch Number: 993368 End Date: 08/30/2024 22:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-993368/1		08/30/2024 07:27	1	TT84408.D	DB-624 0.18(mm)
STD8 460-993368/3 IC		08/30/2024 08:07	1	TT84410.D	DB-624 0.18(mm)
STD05 460-993368/4 IC		08/30/2024 08:26	1	TT84411.D	DB-624 0.18(mm)
STD1 460-993368/5 IC		08/30/2024 08:46	1	TT84412.D	DB-624 0.18(mm)
STD5 460-993368/6 IC		08/30/2024 09:05	1	TT84413.D	DB-624 0.18(mm)
STD20 460-993368/7 ICIS		08/30/2024 09:25	1	TT84414.D	DB-624 0.18(mm)
STD50 460-993368/8 IC		08/30/2024 09:45	1	TT84415.D	DB-624 0.18(mm)
STD200 460-993368/9 IC		08/30/2024 10:04	1	TT84416.D	DB-624 0.18(mm)
STD500 460-993368/10 IC		08/30/2024 10:24	1	TT84417.D	DB-624 0.18(mm)
ICV 460-993368/15		08/30/2024 13:25	1	TT84422.D	DB-624 0.18(mm)
ZZZZZ		08/30/2024 13:25	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 14:05	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 15:23	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 15:42	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 16:02	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 16:22	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 16:41	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 17:01	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 17:21	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 17:41	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:00	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:20	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:40	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:59	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 19:19	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 19:38	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 19:58	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 20:18	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 20:38	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 20:57	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 21:17	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 21:36	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 21:56	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 22:16	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 09/13/2024 17:02

Analysis Batch Number: 995734 End Date: 09/14/2024 04:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-995734/4		09/13/2024 17:02	1	TT85016.D	DB-624 0.18(mm)
LCS 460-995734/6		09/13/2024 17:48	1	TT85018.D	DB-624 0.18(mm)
ZZZZZ		09/13/2024 18:27	1		DB-624 0.18(mm)
MB 460-995734/38		09/13/2024 21:35	1	TT85024.D	DB-624 0.18(mm)
ZZZZZ		09/13/2024 21:54	1		DB-624 0.18(mm)
ZZZZZ		09/13/2024 22:14	1		DB-624 0.18(mm)
ZZZZZ		09/13/2024 22:33	1		DB-624 0.18(mm)
ZZZZZ		09/13/2024 22:53	1		DB-624 0.18(mm)
ZZZZZ		09/13/2024 23:12	1		DB-624 0.18(mm)
ZZZZZ		09/13/2024 23:32	1		DB-624 0.18(mm)
ZZZZZ		09/13/2024 23:51	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 00:11	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 00:50	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 01:09	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 01:29	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 01:48	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 02:08	5		DB-624 0.18(mm)
ZZZZZ		09/14/2024 02:27	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 02:47	1		DB-624 0.18(mm)
460-311225-1 MS	MW-06_20240910 MS	09/14/2024 03:07	1	TT85041.D	DB-624 0.18(mm)
460-311225-1 MSD	MW-06_20240910 MSD	09/14/2024 03:26	1	TT85042.D	DB-624 0.18(mm)
460-311225-6	TB-01_20240910	09/14/2024 04:05	1	TT85044.D	DB-624 0.18(mm)
460-311225-5	FB-01_20240910	09/14/2024 04:25	1	TT85045.D	DB-624 0.18(mm)
460-311225-4	DUP-01_20240910	09/14/2024 04:44	1	TT85046.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 09/14/2024 06:13

Analysis Batch Number: 995829 End Date: 09/14/2024 16:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-995829/3		09/14/2024 06:13	1	TT85051.D	DB-624 0.18(mm)
LCS 460-995829/4		09/14/2024 06:32	1	TT85052.D	DB-624 0.18(mm)
MB 460-995829/8		09/14/2024 07:51	1	TT85056.D	DB-624 0.18(mm)
ZZZZZ		09/14/2024 08:10	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 08:30	1		DB-624 0.18(mm)
460-311225-3	MW-08_20240910	09/14/2024 08:50	1	TT85059.D	DB-624 0.18(mm)
460-311225-2	MW-07_20240910	09/14/2024 09:09	1	TT85060.D	DB-624 0.18(mm)
460-311225-1	MW-06_20240910	09/14/2024 09:29	1	TT85061.D	DB-624 0.18(mm)
ZZZZZ		09/14/2024 09:48	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 10:08	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 10:28	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 10:47	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 11:07	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 11:46	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 12:06	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 12:26	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 12:45	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 13:05	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 13:24	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 13:44	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 14:04	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 14:23	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 14:43	1		DB-624 0.18(mm)
ZZZZZ		09/14/2024 15:22	1		DB-624 0.18(mm)
460-310812-A-2 MS		09/14/2024 15:42	1	TT85080.D	DB-624 0.18(mm)
460-310812-A-2 MSD		09/14/2024 16:01	1	TT85081.D	DB-624 0.18(mm)
ZZZZZ		09/14/2024 16:21	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00172	524FREONS 00023	7 Freons Hi 00017	7 Freons SS 00017
BFB 460-993368/1		8260D			5 mL	5 mL				
STD8 460-993368/3 IC		8260D			5 mL	5 mL				
STD05 460-993368/4 IC		8260D			5 mL	5 mL	15 uL	5 uL		
STD1 460-993368/5 IC		8260D			5 mL	5 mL	30 uL	10 uL		
STD5 460-993368/6 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-993368/7 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-993368/8 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-993368/9 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-993368/10 IC		8260D			5 mL	5 mL			50 uL	
ICV 460-993368/15		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00183	8260MIX1COMB 00192	ACROLEIN SP 00168	ACROLEIN W 00173	ACRY/EPIH MIX 00128	BFB 00036
BFB 460-993368/1		8260D								1 uL
STD8 460-993368/3 IC		8260D							20 uL	
STD05 460-993368/4 IC		8260D				5 uL		2 uL		
STD1 460-993368/5 IC		8260D				10 uL		4 uL		
STD5 460-993368/6 IC		8260D				10 uL		4 uL		
STD20 460-993368/7 ICIS		8260D				20 uL		4 uL		
STD50 460-993368/8 IC		8260D				50 uL		10 uL		
STD200 460-993368/9 IC		8260D						20 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00183	8260MIX1COMB 00192	ACROLEIN SP 00168	ACROLEIN W 00173	ACRY/EPIH MIX 00128	BFB 00036
STD500 460-993368/10 IC		8260D						40 uL		
ICV 460-993368/15		8260D			20 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00092	GAS C SP 00583	GAS Hi 00477	GASES Li 00600	MIX 2 Hi 00152	MIX I Hi 00179
BFB 460-993368/1		8260D								
STD8 460-993368/3 IC		8260D						2.5 uL		
STD05 460-993368/4 IC		8260D						5 uL		
STD1 460-993368/5 IC		8260D						10 uL		
STD5 460-993368/6 IC		8260D						10 uL		
STD20 460-993368/7 ICIS		8260D						20 uL		
STD50 460-993368/8 IC		8260D						50 uL		
STD200 460-993368/9 IC		8260D			20 uL		20 uL		20 uL	20 uL
STD500 460-993368/10 IC		8260D			50 uL		50 uL		50 uL	50 uL
ICV 460-993368/15		8260D				20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00076					
BFB 460-993368/1		8260D								
STD8 460-993368/3 IC		8260D			5 uL					
STD05 460-993368/4 IC		8260D			5 uL					
STD1 460-993368/5 IC		8260D			5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00076					
STD5 460-993368/6 IC		8260D			5 uL					
STD20 460-993368/7 ICIS		8260D			5 uL					
STD50 460-993368/8 IC		8260D			5 uL					
STD200 460-993368/9 IC		8260D			5 uL					
STD500 460-993368/10 IC		8260D			5 uL					
ICV 460-993368/15		8260D			5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Batch Number: 995734 Batch Start Date: 09/13/24 17:02 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00024	8260MIX1COMB 00193	ACROLEIN W 00174
CCVIS 460-995734/4		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-995734/6		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
460-311225-B-1 MS	MW-06_20240910	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-311225-A-1 MSD	MW-06_20240910	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-311225-A-6	TB-01_20240910	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-311225-A-5	FB-01_20240910	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-311225-A-4	DUP-01_20240910	8260D	Water	T	5 mL	5 mL	<2 PH Units			
MB 460-995734/38		8260D			5 mL	5 mL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00602	VOA6IS/SURR 00076				
CCVIS 460-995734/4		8260D			20 uL	5 uL				
LCS 460-995734/6		8260D			20 uL	5 uL				
460-311225-B-1 MS	MW-06_20240910	8260D	Water	T	20 uL	5 uL				
460-311225-A-1 MSD	MW-06_20240910	8260D	Water	T	20 uL	5 uL				
460-311225-A-6	TB-01_20240910	8260D	Water	T		5 uL				
460-311225-A-5	FB-01_20240910	8260D	Water	T		5 uL				
460-311225-A-4	DUP-01_20240910	8260D	Water	T		5 uL				
MB 460-995734/38		8260D				5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-311225-1

SDG No.:

Batch Number: 995829 Batch Start Date: 09/14/24 06:13 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00024	8260MIX1COMB 00193	ACROLEIN W 00174
CCVIS 460-995829/3		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-995829/4		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-995829/8		8260D			5 mL	5 mL				
460-311225-B-3	MW-08_20240910	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-311225-B-2	MW-07_20240910	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-311225-A-1	MW-06_20240910	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-310812-A-2 MS	EPMW-8	8260D		T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-310812-A-2 MSD	EPMW-8	8260D		T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00602	VOA6IS/SURR 00076				
CCVIS 460-995829/3		8260D			20 uL	5 uL				
LCS 460-995829/4		8260D			20 uL	5 uL				
MB 460-995829/8		8260D				5 uL				
460-311225-B-3	MW-08_20240910	8260D	Water	T		5 uL				
460-311225-B-2	MW-07_20240910	8260D	Water	T		5 uL				
460-311225-A-1	MW-06_20240910	8260D	Water	T		5 uL				
460-310812-A-2 MS	EPMW-8	8260D		T	20 uL	5 uL				
460-310812-A-2 MSD	EPMW-8	8260D		T	20 uL	5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

686017

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TAL-8210

Address: 1885 Atlantic Ave, Brooklyn New York 11233

YC 22

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: NYS Part 375

Client Contact	Project Manager: Mary Clay	Site Contact: A. Stovat	Date: 9/10/24	COC No: 1 of 1 COCs
Company Name: Haley Aldrich NY	Tel/Email: mclay@haleyaldrich	Lab Contact:	Carrier:	Sampler: AQS
Address: 213 W 35th St, 7Fl	Analysis Turnaround Time: ☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only: Walk-in Client: Lab Sampling:
City/State/Zip: New York NY	TAT if different from Below: ☐ 2 weeks ☒ 1 week ☐ 2 days ☐ 1 day			Job / SDG No. 311225
Phone:				
Fax:				
Project Name: 1885 Atlantic Ave				
Site:				
PO # 0205125				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs (8260)	Sample Specific Notes:
MW-06_20240910	9/10	1155	G	AQ	9	N	Y	X	
MW-07_20240910		1310			3	N	N	X	
MW-08_20240910		1400			3	N	N	X	
DUP-01_20240910		—			3	N	N	X	
FB-01_20240910		1000			2	N	N	X	
TB-01_20240910	—	—	—	—	2	N	N	X	

5-Day RUSH

460-311225 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temp. (°C): Obs'd. _____ Corr'd. _____	Therm ID No.: _____
Relinquished by:	Company: Haley Aldrich	Date/Time: 9/10/24 15:30	Received by:	Company: TA NYC	Date/Time: 09/10/24 15:30
Relinquished by:	Company: TA NYC	Date/Time: 09/10/24 17:00	Received by:	Company: EET 9-10-24	Date/Time: 1610
Relinquished by:	Company: EET 9-10-24	Date/Time: 1830	Received in Laboratory by:	Company: ETA	Date/Time: 9/10 1830

MS/MSD ER # 0507

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 311225

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.1 °C	0.2 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 9-10-24

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-311225-1

Login Number: 311225
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich, Inc.
213 West 35th St
New York NY 10001

Generated 3/19/2025 4:07 PM

JOB DESCRIPTION

1885 Atlantic Avenue, Brooklyn

JOB NUMBER

460-322068-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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3/19/2025 4:07 PM

Authorized for release by
Elizabeth J Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
732 549-3900

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CASE NARRATIVE

Client: Haley & Aldrich, Inc.

Project: 1885 Atlantic Avenue, Brooklyn

Report Number: 460-322068-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 3/12/2025 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.9°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples MW-08_03122025 (460-322068-1), MW-07_03122025 (460-322068-2), MW-06_03122025 (460-322068-3), DUP-01_03122025 (460-322068-4), FB-01_03122025 (460-322068-5) and TB-01_03122025 (460-322068-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 03/17/2025 and 03/18/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1026344 was outside the method criteria for the following analytes: Dichlorodifluoromethane and Ethylene Dibromide. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

Dichlorobromomethane failed the recovery criteria high for the MSD of sample MW-08_03122025MSD (460-322068-1) in batch 460-1026344. Carbon disulfide exceeded the RPD limit.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-322068-1	MW-08_03122025	Water	03/12/25 11:35	03/12/25 16:00
460-322068-2	MW-07_03122025	Water	03/12/25 13:35	03/12/25 16:00
460-322068-3	MW-06_03122025	Water	03/12/25 15:10	03/12/25 16:00
460-322068-4	DUP-01_03122025	Water	03/12/25 13:40	03/12/25 16:00
460-322068-5	FB-01_03122025	Water	03/12/25 15:20	03/12/25 16:00
460-322068-6	TB-01_03122025	Water	03/12/25 15:25	03/12/25 16:00

Detection Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: MW-08_03122025 — Lab Sample ID: 460-322068-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.7		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: MW-07_03122025 — Lab Sample ID: 460-322068-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.82	J	1.0	0.33	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.39	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	45		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.53		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-06_03122025 — Lab Sample ID: 460-322068-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.1		1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.54	J	1.0	0.48	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.28	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	59		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.74		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-01_03122025 — Lab Sample ID: 460-322068-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloroethane	0.21	J	0.58	0.19	ug/L	1		8260D	Total/NA
Chloroform	0.72	J	1.0	0.33	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.39	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	44		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.72		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: FB-01_03122025 — Lab Sample ID: 460-322068-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.56	J	1.0	0.38	ug/L	1		8260D	Total/NA

Client Sample ID: TB-01_03122025 — Lab Sample ID: 460-322068-6

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: MW-08_03122025
Lab Sample ID: 460-322068-1

Date Collected: 03/12/25 11:35
Matrix: Water

Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/18/25 03:03	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			03/18/25 03:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/18/25 03:03	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			03/18/25 03:03	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/18/25 03:03	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/18/25 03:03	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/18/25 03:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:03	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/18/25 03:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/18/25 03:03	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			03/18/25 03:03	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			03/18/25 03:03	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/18/25 03:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/18/25 03:03	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			03/18/25 03:03	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/18/25 03:03	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/18/25 03:03	1
Acetone	5.0	U	5.0	4.4	ug/L			03/18/25 03:03	1
Benzene	0.45	U	0.45	0.070	ug/L			03/18/25 03:03	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/18/25 03:03	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/18/25 03:03	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/18/25 03:03	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/18/25 03:03	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/18/25 03:03	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/18/25 03:03	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			03/18/25 03:03	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/18/25 03:03	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/18/25 03:03	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/18/25 03:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			03/18/25 03:03	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			03/18/25 03:03	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/18/25 03:03	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			03/18/25 03:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/18/25 03:03	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/18/25 03:03	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/18/25 03:03	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:03	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/18/25 03:03	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/18/25 03:03	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/18/25 03:03	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			03/18/25 03:03	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/18/25 03:03	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 03:03	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 03:03	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/18/25 03:03	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:03	1
Styrene	1.0	U	1.0	0.42	ug/L			03/18/25 03:03	1

Client Sample ID: MW-08_03122025 Lab Sample ID: 460-322068-1

Date Collected: 03/12/25 11:35 **Matrix: Water**
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:03	1
Tetrachloroethene	**1.7**		0.40	0.28	ug/L			03/18/25 03:03	1
Toluene	1.0	U	1.0	0.38	ug/L			03/18/25 03:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/18/25 03:03	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			03/18/25 03:03	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			03/18/25 03:03	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/18/25 03:03	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			03/18/25 03:03	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/18/25 03:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*		*03/18/25 03:03*	*1*
4-Bromofluorobenzene	*113*		*76 - 120*		*03/18/25 03:03*	*1*
Dibromofluoromethane (Surr)	*84*		*77 - 132*		*03/18/25 03:03*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/18/25 03:03*	*1*

Client Sample ID: MW-07_03122025 Lab Sample ID: 460-322068-2

Date Collected: 03/12/25 13:35 **Matrix: Water**
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/18/25 03:27	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			03/18/25 03:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/18/25 03:27	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			03/18/25 03:27	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/18/25 03:27	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/18/25 03:27	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/18/25 03:27	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:27	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:27	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/18/25 03:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/18/25 03:27	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			03/18/25 03:27	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			03/18/25 03:27	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/18/25 03:27	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/18/25 03:27	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			03/18/25 03:27	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/18/25 03:27	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/18/25 03:27	1
Acetone	5.0	U	5.0	4.4	ug/L			03/18/25 03:27	1
Benzene	0.45	U	0.45	0.070	ug/L			03/18/25 03:27	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/18/25 03:27	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/18/25 03:27	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/18/25 03:27	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/18/25 03:27	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/18/25 03:27	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/18/25 03:27	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			03/18/25 03:27	1

Client Sample ID: MW-07_03122025 Lab Sample ID: 460-322068-2

Date Collected: 03/12/25 13:35 **Matrix: Water**
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			03/18/25 03:27	1
Chloroform	**0.82**	**J**	1.0	0.33	ug/L			03/18/25 03:27	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/18/25 03:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			03/18/25 03:27	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			03/18/25 03:27	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/18/25 03:27	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			03/18/25 03:27	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/18/25 03:27	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/18/25 03:27	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/18/25 03:27	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:27	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/18/25 03:27	1
Methyl tert-butyl ether	**0.39**	**J**	1.0	0.22	ug/L			03/18/25 03:27	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/18/25 03:27	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			03/18/25 03:27	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/18/25 03:27	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 03:27	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 03:27	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/18/25 03:27	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:27	1
Styrene	1.0	U	1.0	0.42	ug/L			03/18/25 03:27	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:27	1
Tetrachloroethene	**45**		0.40	0.28	ug/L			03/18/25 03:27	1
Toluene	1.0	U	1.0	0.38	ug/L			03/18/25 03:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/18/25 03:27	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			03/18/25 03:27	1
Trichloroethene	**0.53**		0.28	0.074	ug/L			03/18/25 03:27	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/18/25 03:27	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			03/18/25 03:27	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/18/25 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*03/18/25 03:27*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*03/18/25 03:27*	*1*
Dibromofluoromethane (Surr)	*80*		*77 - 132*		*03/18/25 03:27*	*1*
Toluene-d8 (Surr)	*87*		*80 - 120*		*03/18/25 03:27*	*1*

Client Sample ID: MW-06_03122025 Lab Sample ID: 460-322068-3

Date Collected: 03/12/25 15:10 **Matrix: Water**
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/18/25 03:51	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			03/18/25 03:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/18/25 03:51	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			03/18/25 03:51	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/18/25 03:51	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/18/25 03:51	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/18/25 03:51	1

Client Sample ID: MW-06_03122025
Lab Sample ID: 460-322068-3

Date Collected: 03/12/25 15:10
Matrix: Water
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:51	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:51	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/18/25 03:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/18/25 03:51	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			03/18/25 03:51	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			03/18/25 03:51	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/18/25 03:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/18/25 03:51	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			03/18/25 03:51	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/18/25 03:51	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/18/25 03:51	1
Acetone	5.0	U	5.0	4.4	ug/L			03/18/25 03:51	1
Benzene	0.45	U	0.45	0.070	ug/L			03/18/25 03:51	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/18/25 03:51	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/18/25 03:51	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/18/25 03:51	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/18/25 03:51	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/18/25 03:51	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/18/25 03:51	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			03/18/25 03:51	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/18/25 03:51	1
Chloroform	**1.1**		1.0	0.33	ug/L			03/18/25 03:51	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/18/25 03:51	1
cis-1,2-Dichloroethene	**0.54**	**J**	1.0	0.48	ug/L			03/18/25 03:51	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			03/18/25 03:51	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/18/25 03:51	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			03/18/25 03:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/18/25 03:51	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/18/25 03:51	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/18/25 03:51	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:51	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/18/25 03:51	1
Methyl tert-butyl ether	**0.28**	**J**	1.0	0.22	ug/L			03/18/25 03:51	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/18/25 03:51	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			03/18/25 03:51	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/18/25 03:51	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 03:51	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 03:51	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/18/25 03:51	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 03:51	1
Styrene	1.0	U	1.0	0.42	ug/L			03/18/25 03:51	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 03:51	1
Tetrachloroethene	**59**		0.40	0.28	ug/L			03/18/25 03:51	1
Toluene	1.0	U	1.0	0.38	ug/L			03/18/25 03:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/18/25 03:51	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			03/18/25 03:51	1
Trichloroethene	**0.74**		0.28	0.074	ug/L			03/18/25 03:51	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/18/25 03:51	1

Client Sample ID: MW-06_03122025 — Lab Sample ID: 460-322068-3

Date Collected: 03/12/25 15:10 **Matrix: Water**
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.40	ug/L			03/18/25 03:51	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/18/25 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*		*03/18/25 03:51*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*03/18/25 03:51*	*1*
Dibromofluoromethane (Surr)	*86*		*77 - 132*		*03/18/25 03:51*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*03/18/25 03:51*	*1*

Client Sample ID: DUP-01_03122025 — Lab Sample ID: 460-322068-4

Date Collected: 03/12/25 13:40 **Matrix: Water**
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/18/25 04:15	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			03/18/25 04:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/18/25 04:15	1
1,1,2-Trichloroethane	**0.21**	**J**	0.58	0.19	ug/L			03/18/25 04:15	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/18/25 04:15	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/18/25 04:15	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/18/25 04:15	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/18/25 04:15	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 04:15	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/18/25 04:15	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/18/25 04:15	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			03/18/25 04:15	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			03/18/25 04:15	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/18/25 04:15	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/18/25 04:15	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/18/25 04:15	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			03/18/25 04:15	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/18/25 04:15	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/18/25 04:15	1
Acetone	5.0	U	5.0	4.4	ug/L			03/18/25 04:15	1
Benzene	0.45	U	0.45	0.070	ug/L			03/18/25 04:15	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/18/25 04:15	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/18/25 04:15	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/18/25 04:15	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/18/25 04:15	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/18/25 04:15	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/18/25 04:15	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			03/18/25 04:15	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/18/25 04:15	1
Chloroform	**0.72**	**J**	1.0	0.33	ug/L			03/18/25 04:15	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/18/25 04:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			03/18/25 04:15	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			03/18/25 04:15	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/18/25 04:15	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			03/18/25 04:15	1

Client Sample ID: DUP-01_03122025 Lab Sample ID: 460-322068-4

Date Collected: 03/12/25 13:40 **Matrix: Water**
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/18/25 04:15	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/18/25 04:15	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/18/25 04:15	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 04:15	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/18/25 04:15	1
Methyl tert-butyl ether	**0.39**	**J**	1.0	0.22	ug/L			03/18/25 04:15	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/18/25 04:15	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			03/18/25 04:15	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/18/25 04:15	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 04:15	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/18/25 04:15	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/18/25 04:15	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/18/25 04:15	1
Styrene	1.0	U	1.0	0.42	ug/L			03/18/25 04:15	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/18/25 04:15	1
Tetrachloroethene	**44**		0.40	0.28	ug/L			03/18/25 04:15	1
Toluene	1.0	U	1.0	0.38	ug/L			03/18/25 04:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/18/25 04:15	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			03/18/25 04:15	1
Trichloroethene	**0.72**		0.28	0.074	ug/L			03/18/25 04:15	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/18/25 04:15	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			03/18/25 04:15	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/18/25 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*03/18/25 04:15*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*03/18/25 04:15*	*1*
Dibromofluoromethane (Surr)	*81*		*77 - 132*		*03/18/25 04:15*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*03/18/25 04:15*	*1*

Client Sample ID: FB-01_03122025 Lab Sample ID: 460-322068-5

Date Collected: 03/12/25 15:20 **Matrix: Water**
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/17/25 22:59	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			03/17/25 22:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/17/25 22:59	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			03/17/25 22:59	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/17/25 22:59	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/17/25 22:59	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/17/25 22:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/17/25 22:59	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/17/25 22:59	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/17/25 22:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/17/25 22:59	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			03/17/25 22:59	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			03/17/25 22:59	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/17/25 22:59	1

Client Sample ID: FB-01_03122025 Lab Sample ID: 460-322068-5

Date Collected: 03/12/25 15:20 **Matrix: Water**
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/17/25 22:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/17/25 22:59	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			03/17/25 22:59	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/17/25 22:59	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/17/25 22:59	1
Acetone	5.0	U	5.0	4.4	ug/L			03/17/25 22:59	1
Benzene	0.45	U	0.45	0.070	ug/L			03/17/25 22:59	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/17/25 22:59	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/17/25 22:59	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/17/25 22:59	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/17/25 22:59	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/17/25 22:59	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/17/25 22:59	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			03/17/25 22:59	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/17/25 22:59	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/17/25 22:59	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/17/25 22:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			03/17/25 22:59	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			03/17/25 22:59	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/17/25 22:59	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			03/17/25 22:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/17/25 22:59	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/17/25 22:59	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/17/25 22:59	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/17/25 22:59	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/17/25 22:59	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/17/25 22:59	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/17/25 22:59	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			03/17/25 22:59	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/17/25 22:59	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/17/25 22:59	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/17/25 22:59	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/17/25 22:59	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/17/25 22:59	1
Styrene	1.0	U	1.0	0.42	ug/L			03/17/25 22:59	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/17/25 22:59	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			03/17/25 22:59	1
Toluene	**0.56**	**J**	1.0	0.38	ug/L			03/17/25 22:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/17/25 22:59	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			03/17/25 22:59	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			03/17/25 22:59	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/17/25 22:59	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			03/17/25 22:59	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/17/25 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*		*03/17/25 22:59*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*03/17/25 22:59*	*1*
Dibromofluoromethane (Surr)	*85*		*77 - 132*		*03/17/25 22:59*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*03/17/25 22:59*	*1*

Client Sample ID: TB-01_03122025
Lab Sample ID: 460-322068-6

Date Collected: 03/12/25 15:25
Matrix: Water

Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/17/25 23:24	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			03/17/25 23:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/17/25 23:24	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			03/17/25 23:24	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/17/25 23:24	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/17/25 23:24	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/17/25 23:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/17/25 23:24	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/17/25 23:24	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/17/25 23:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/17/25 23:24	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			03/17/25 23:24	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			03/17/25 23:24	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/17/25 23:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/17/25 23:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/17/25 23:24	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			03/17/25 23:24	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/17/25 23:24	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/17/25 23:24	1
Acetone	5.0	U	5.0	4.4	ug/L			03/17/25 23:24	1
Benzene	0.45	U	0.45	0.070	ug/L			03/17/25 23:24	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/17/25 23:24	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/17/25 23:24	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/17/25 23:24	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/17/25 23:24	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/17/25 23:24	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/17/25 23:24	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			03/17/25 23:24	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/17/25 23:24	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/17/25 23:24	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/17/25 23:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			03/17/25 23:24	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			03/17/25 23:24	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/17/25 23:24	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			03/17/25 23:24	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/17/25 23:24	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/17/25 23:24	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/17/25 23:24	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/17/25 23:24	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/17/25 23:24	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/17/25 23:24	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/17/25 23:24	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			03/17/25 23:24	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/17/25 23:24	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/17/25 23:24	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/17/25 23:24	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/17/25 23:24	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/17/25 23:24	1
Styrene	1.0	U	1.0	0.42	ug/L			03/17/25 23:24	1

Client Sample ID: TB-01_03122025 **Lab Sample ID: 460-322068-6**
Date Collected: 03/12/25 15:25 **Matrix: Water**
Date Received: 03/12/25 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/17/25 23:24	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			03/17/25 23:24	1
Toluene	1.0	U	1.0	0.38	ug/L			03/17/25 23:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/17/25 23:24	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			03/17/25 23:24	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			03/17/25 23:24	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/17/25 23:24	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			03/17/25 23:24	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/17/25 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*		*03/17/25 23:24*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*03/17/25 23:24*	*1*
Dibromofluoromethane (Surr)	*82*		*77 - 132*		*03/17/25 23:24*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*03/17/25 23:24*	*1*

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-322068-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-322068-1	MW-08_03122025	89	113	84	94
460-322068-1 MS	MW-08_03122025	91	105	80	88
460-322068-1 MSD	MW-08_03122025	90	105	83	89
460-322068-2	MW-07_03122025	86	106	80	87
460-322068-3	MW-06_03122025	89	106	86	93
460-322068-4	DUP-01_03122025	86	100	81	88
460-322068-5	FB-01_03122025	93	102	85	93
460-322068-6	TB-01_03122025	90	103	82	91
LCS 460-1026344/4	Lab Control Sample	92	106	84	95
MB 460-1026344/9	Method Blank	90	103	81	92

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1026344/9
Matrix: Water
Analysis Batch: 1026344

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/17/25 21:46	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			03/17/25 21:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/17/25 21:46	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			03/17/25 21:46	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/17/25 21:46	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/17/25 21:46	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/17/25 21:46	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/17/25 21:46	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			03/17/25 21:46	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/17/25 21:46	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/17/25 21:46	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			03/17/25 21:46	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			03/17/25 21:46	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			03/17/25 21:46	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/17/25 21:46	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/17/25 21:46	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			03/17/25 21:46	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/17/25 21:46	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/17/25 21:46	1
Acetone	5.0	U	5.0	4.4	ug/L			03/17/25 21:46	1
Benzene	0.45	U	0.45	0.070	ug/L			03/17/25 21:46	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/17/25 21:46	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/17/25 21:46	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/17/25 21:46	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/17/25 21:46	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/17/25 21:46	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/17/25 21:46	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			03/17/25 21:46	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/17/25 21:46	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/17/25 21:46	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/17/25 21:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			03/17/25 21:46	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			03/17/25 21:46	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/17/25 21:46	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			03/17/25 21:46	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/17/25 21:46	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/17/25 21:46	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/17/25 21:46	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/17/25 21:46	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/17/25 21:46	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/17/25 21:46	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/17/25 21:46	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			03/17/25 21:46	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/17/25 21:46	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			03/17/25 21:46	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			03/17/25 21:46	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/17/25 21:46	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			03/17/25 21:46	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1026344/9
Matrix: Water
Analysis Batch: 1026344

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			03/17/25 21:46	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			03/17/25 21:46	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			03/17/25 21:46	1
Toluene	1.0	U	1.0	0.38	ug/L			03/17/25 21:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/17/25 21:46	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			03/17/25 21:46	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			03/17/25 21:46	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/17/25 21:46	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			03/17/25 21:46	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/17/25 21:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*		*03/17/25 21:46*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*03/17/25 21:46*	*1*
Dibromofluoromethane (Surr)	*81*		*77 - 132*		*03/17/25 21:46*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*03/17/25 21:46*	*1*

Lab Sample ID: LCS 460-1026344/4
Matrix: Water
Analysis Batch: 1026344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	18.2		ug/L		91	72 - 128
1,1,2,2-Tetrachloroethane	20.0	22.3		ug/L		111	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	13.0		ug/L		65	65 - 142
1,1,2-Trichloroethane	20.0	22.8		ug/L		114	74 - 125
1,1-Dichloroethane	20.0	22.2		ug/L		111	73 - 130
1,1-Dichloroethene	20.0	13.9		ug/L		69	68 - 133
1,2,3-Trichlorobenzene	20.0	15.6		ug/L		78	55 - 150
1,2,4-Trichlorobenzene	20.0	18.1		ug/L		91	67 - 132
1,2,4-Trimethylbenzene	20.0	19.5		ug/L		98	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	20.0		ug/L		100	58 - 132
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	80 - 120
1,2-Dichloroethane	20.0	20.0		ug/L		100	66 - 129
1,2-Dichloropropane	20.0	21.2		ug/L		106	72 - 128
1,3,5-Trimethylbenzene	20.0	19.6		ug/L		98	75 - 125
1,3-Dichlorobenzene	20.0	19.0		ug/L		95	80 - 120
1,4-Dichlorobenzene	20.0	18.2		ug/L		91	80 - 120
2-Butanone (MEK)	100	92.9		ug/L		93	65 - 142
2-Hexanone	100	115		ug/L		115	72 - 134
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	77 - 130
Acetone	100	64.9		ug/L		65	60 - 133
Benzene	20.0	17.8		ug/L		89	71 - 126
Bromoform	20.0	19.2		ug/L		96	58 - 128
Bromomethane	20.0	14.3		ug/L		71	33 - 150
Carbon disulfide	20.0	14.8		ug/L		74	35 - 150
Carbon tetrachloride	20.0	17.4		ug/L		87	65 - 131
Chlorobenzene	20.0	18.9		ug/L		94	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1026344/4
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1026344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	16.6		ug/L		83	71 - 134
Chlorodibromomethane	20.0	18.4		ug/L		92	73 - 121
Chloroethane	20.0	16.4		ug/L		82	54 - 150
Chloroform	20.0	21.5		ug/L		107	78 - 125
Chloromethane	20.0	14.3		ug/L		72	43 - 149
cis-1,2-Dichloroethene	20.0	20.1		ug/L		100	78 - 121
cis-1,3-Dichloropropene	20.0	22.6		ug/L		113	74 - 125
Cyclohexane	20.0	17.6		ug/L		88	64 - 142
Dichlorobromomethane	20.0	21.2		ug/L		106	76 - 121
Dichlorodifluoromethane	20.0	9.75		ug/L		49	38 - 144
Ethylbenzene	20.0	18.9		ug/L		95	78 - 120
Ethylene Dibromide	20.0	21.1		ug/L		105	79 - 126
Isopropylbenzene	20.0	19.2		ug/L		96	79 - 125
Methyl acetate	40.0	43.7		ug/L		109	50 - 147
Methyl tert-butyl ether	20.0	22.0		ug/L		110	72 - 131
Methylcyclohexane	20.0	15.8		ug/L		79	63 - 138
Methylene Chloride	20.0	19.6		ug/L		98	74 - 127
m-Xylene & p-Xylene	20.0	19.8		ug/L		99	78 - 120
n-Butylbenzene	20.0	20.2		ug/L		101	69 - 135
N-Propylbenzene	20.0	21.3		ug/L		106	68 - 129
o-Xylene	20.0	19.4		ug/L		97	78 - 120
sec-Butylbenzene	20.0	18.9		ug/L		95	77 - 129
Styrene	20.0	22.0		ug/L		110	82 - 127
tert-Butylbenzene	20.0	17.7		ug/L		88	78 - 120
Tetrachloroethene	20.0	15.5		ug/L		78	70 - 127
Toluene	20.0	19.1		ug/L		95	78 - 120
trans-1,2-Dichloroethene	20.0	18.9		ug/L		95	70 - 126
trans-1,3-Dichloropropene	20.0	21.7		ug/L		109	71 - 127
Trichloroethene	20.0	16.9		ug/L		84	73 - 121
Trichlorofluoromethane	20.0	13.4		ug/L		67	62 - 134
Vinyl chloride	20.0	14.1		ug/L		71	55 - 144
Xylenes, Total	40.0	39.1		ug/L		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*
4-Bromofluorobenzene	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*84*		*77 - 132*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: 460-322068-1 MS
Client Sample ID: MW-08_03122025
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1026344

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	19.2		ug/L		96	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	20.2		ug/L		101	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	14.0		ug/L		70	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	19.7		ug/L		98	74 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-322068-1 MS
Client Sample ID: MW-08_03122025
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1026344

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	1.0	U	20.0	21.7		ug/L		109	73 - 130
1,1-Dichloroethene	1.0	U	20.0	14.3		ug/L		72	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	13.0		ug/L		65	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	16.2		ug/L		81	67 - 132
1,2,4-Trimethylbenzene	1.0	U	20.0	20.8		ug/L		104	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	16.8		ug/L		84	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	17.3		ug/L		86	80 - 120
1,2-Dichloroethane	0.30	U	20.0	18.6		ug/L		93	66 - 129
1,2-Dichloropropane	0.92	U	20.0	19.0		ug/L		95	72 - 128
1,3,5-Trimethylbenzene	1.0	U	20.0	17.9		ug/L		89	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	17.6		ug/L		88	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	16.5		ug/L		82	80 - 120
2-Butanone (MEK)	5.0	U	100	76.6		ug/L		77	65 - 142
2-Hexanone	5.0	U	100	104		ug/L		104	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	100		ug/L		100	77 - 130
Acetone	5.0	U	100	61.2		ug/L		61	60 - 133
Benzene	0.45	U	20.0	15.8		ug/L		79	71 - 126
Bromoform	1.0	U	20.0	17.4		ug/L		87	58 - 128
Bromomethane	1.0	U	20.0	16.5		ug/L		82	33 - 150
Carbon disulfide	1.0	U	20.0	9.91		ug/L		50	35 - 150
Carbon tetrachloride	1.0	U	20.0	18.1		ug/L		91	65 - 131
Chlorobenzene	1.0	U	20.0	17.9		ug/L		89	80 - 120
Chlorobromomethane	1.0	U	20.0	15.8		ug/L		79	71 - 134
Chlorodibromomethane	0.78	U	20.0	15.4		ug/L		77	73 - 121
Chloroethane	1.0	U	20.0	17.7		ug/L		88	54 - 150
Chloroform	1.0	U	20.0	20.4		ug/L		102	78 - 125
Chloromethane	1.0	U	20.0	17.1		ug/L		85	43 - 149
cis-1,2-Dichloroethene	1.0	U	20.0	18.6		ug/L		93	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	19.0		ug/L		95	74 - 125
Cyclohexane	1.0	U	20.0	15.1		ug/L		76	64 - 142
Dichlorobromomethane	0.98	U	20.0	21.6		ug/L		108	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	10.5		ug/L		53	38 - 144
Ethylbenzene	1.0	U	20.0	19.1		ug/L		95	78 - 120
Ethylene Dibromide	1.0	U	20.0	16.9		ug/L		84	79 - 126
Isopropylbenzene	1.0	U	20.0	18.3		ug/L		91	79 - 125
Methyl acetate	5.0	U	40.0	36.5		ug/L		91	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	21.8		ug/L		109	72 - 131
Methylcyclohexane	1.0	U	20.0	15.1		ug/L		75	63 - 138
Methylene Chloride	1.0	U	20.0	18.2		ug/L		91	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	18.5		ug/L		93	78 - 120
n-Butylbenzene	1.0	U	20.0	19.0		ug/L		95	69 - 135
N-Propylbenzene	1.0	U	20.0	18.8		ug/L		94	68 - 129
o-Xylene	1.0	U	20.0	17.2		ug/L		86	78 - 120
sec-Butylbenzene	1.0	U	20.0	17.3		ug/L		86	77 - 129
Styrene	1.0	U	20.0	18.8		ug/L		94	82 - 127
tert-Butylbenzene	1.0	U	20.0	16.6		ug/L		83	78 - 120
Tetrachloroethene	1.7		20.0	15.6		ug/L		70	70 - 127
Toluene	1.0	U	20.0	17.1		ug/L		86	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	17.1		ug/L		86	70 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-322068-1 MS **Client Sample ID: MW-08_03122025**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 1026344

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
trans-1,3-Dichloropropene	0.45	U	20.0	19.5		ug/L		98	71 - 127		
Trichloroethene	0.28	U	20.0	17.2		ug/L		86	73 - 121		
Trichlorofluoromethane	1.0	U	20.0	14.0		ug/L		70	62 - 134		
Vinyl chloride	1.0	U	20.0	18.0		ug/L		90	55 - 144		
Xylenes, Total	2.0	U	40.0	35.8		ug/L		89	80 - 120		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*80*		*77 - 132*
Toluene-d8 (Surr)	*88*		*80 - 120*

Lab Sample ID: 460-322068-1 MSD **Client Sample ID: MW-08_03122025**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 1026344

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	22.4		ug/L		112	72 - 128	15	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	23.6		ug/L		118	63 - 139	16	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	16.2		ug/L		81	65 - 142	14	30
1,1,2-Trichloroethane	0.58	U	20.0	24.9		ug/L		125	74 - 125	24	30
1,1-Dichloroethane	1.0	U	20.0	26.1		ug/L		130	73 - 130	18	30
1,1-Dichloroethene	1.0	U	20.0	16.1		ug/L		80	68 - 133	11	30
1,2,3-Trichlorobenzene	1.0	U	20.0	17.1		ug/L		85	55 - 150	27	30
1,2,4-Trichlorobenzene	1.0	U	20.0	18.8		ug/L		94	67 - 132	15	30
1,2,4-Trimethylbenzene	1.0	U	20.0	22.3		ug/L		111	75 - 125	7	30
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	18.5		ug/L		92	58 - 132	10	30
1,2-Dichlorobenzene	1.0	U	20.0	20.8		ug/L		104	80 - 120	18	30
1,2-Dichloroethane	0.30	U	20.0	22.8		ug/L		114	66 - 129	21	30
1,2-Dichloropropane	0.92	U	20.0	24.7		ug/L		123	72 - 128	26	30
1,3,5-Trimethylbenzene	1.0	U	20.0	20.8		ug/L		104	75 - 125	15	30
1,3-Dichlorobenzene	1.0	U	20.0	20.8		ug/L		104	80 - 120	17	30
1,4-Dichlorobenzene	1.0	U	20.0	20.0		ug/L		100	80 - 120	19	30
2-Butanone (MEK)	5.0	U	100	92.7		ug/L		93	65 - 142	19	30
2-Hexanone	5.0	U	100	124		ug/L		124	72 - 134	17	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	115		ug/L		115	77 - 130	14	30
Acetone	5.0	U	100	75.1		ug/L		75	60 - 133	20	30
Benzene	0.45	U	20.0	19.8		ug/L		99	71 - 126	22	30
Bromoform	1.0	U	20.0	21.3		ug/L		106	58 - 128	20	30
Bromomethane	1.0	U	20.0	17.2		ug/L		86	33 - 150	4	30
Carbon disulfide	1.0	U	20.0	15.1	*	ug/L		75	35 - 150	41	30
Carbon tetrachloride	1.0	U	20.0	20.7		ug/L		103	65 - 131	13	30
Chlorobenzene	1.0	U	20.0	21.5		ug/L		108	80 - 120	19	30
Chlorobromomethane	1.0	U	20.0	18.2		ug/L		91	71 - 134	14	30
Chlorodibromomethane	0.78	U	20.0	19.2		ug/L		96	73 - 121	22	30
Chloroethane	1.0	U	20.0	20.4		ug/L		102	54 - 150	14	30
Chloroform	1.0	U	20.0	25.1		ug/L		125	78 - 125	21	30
Chloromethane	1.0	U	20.0	18.3		ug/L		92	43 - 149	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-322068-1 MSD **Client Sample ID: MW-08_03122025**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 1026344

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	1.0	U	20.0	23.5		ug/L		117	78 - 121	23	30
cis-1,3-Dichloropropene	0.45	U	20.0	23.1		ug/L		115	74 - 125	20	30
Cyclohexane	1.0	U	20.0	18.8		ug/L		94	64 - 142	21	30
Dichlorobromomethane	0.98	U	20.0	25.0	*	ug/L		125	76 - 121	14	30
Dichlorodifluoromethane	1.0	U	20.0	12.2		ug/L		61	38 - 144	15	30
Ethylbenzene	1.0	U	20.0	21.0		ug/L		105	78 - 120	10	30
Ethylene Dibromide	1.0	U	20.0	21.6		ug/L		108	79 - 126	25	30
Isopropylbenzene	1.0	U	20.0	23.0		ug/L		115	79 - 125	23	30
Methyl acetate	5.0	U	40.0	41.8		ug/L		104	50 - 147	13	30
Methyl tert-butyl ether	1.0	U	20.0	25.5		ug/L		128	72 - 131	16	30
Methylcyclohexane	1.0	U	20.0	18.2		ug/L		91	63 - 138	19	30
Methylene Chloride	1.0	U	20.0	21.6		ug/L		108	74 - 127	17	30
m-Xylene & p-Xylene	1.0	U	20.0	22.7		ug/L		114	78 - 120	20	30
n-Butylbenzene	1.0	U	20.0	22.0		ug/L		110	69 - 135	15	30
N-Propylbenzene	1.0	U	20.0	22.3		ug/L		111	68 - 129	17	30
o-Xylene	1.0	U	20.0	22.0		ug/L		110	78 - 120	25	30
sec-Butylbenzene	1.0	U	20.0	19.8		ug/L		99	77 - 129	14	30
Styrene	1.0	U	20.0	23.2		ug/L		116	82 - 127	21	30
tert-Butylbenzene	1.0	U	20.0	20.2		ug/L		101	78 - 120	20	30
Tetrachloroethene	1.7		20.0	18.0		ug/L		82	70 - 127	14	30
Toluene	1.0	U	20.0	20.5		ug/L		103	78 - 120	18	30
trans-1,2-Dichloroethene	1.0	U	20.0	20.2		ug/L		101	70 - 126	17	30
trans-1,3-Dichloropropene	0.45	U	20.0	24.0		ug/L		120	71 - 127	21	30
Trichloroethene	0.28	U	20.0	20.2		ug/L		101	73 - 121	16	30
Trichlorofluoromethane	1.0	U	20.0	17.1		ug/L		86	62 - 134	20	30
Vinyl chloride	1.0	U	20.0	18.0		ug/L		90	55 - 144	0	30
Xylenes, Total	2.0	U	40.0	44.8		ug/L		112	80 - 120	22	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*83*		*77 - 132*
Toluene-d8 (Surr)	*89*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	Duplicate RPD exceeds control limits
*	MS or MSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-322068-1

GC/MS VOA

Analysis Batch: 1026344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-322068-1	MW-08_03122025	Total/NA	Water	8260D	
460-322068-2	MW-07_03122025	Total/NA	Water	8260D	
460-322068-3	MW-06_03122025	Total/NA	Water	8260D	
460-322068-4	DUP-01_03122025	Total/NA	Water	8260D	
460-322068-5	FB-01_03122025	Total/NA	Water	8260D	
460-322068-6	TB-01_03122025	Total/NA	Water	8260D	
MB 460-1026344/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1026344/4	Lab Control Sample	Total/NA	Water	8260D	
460-322068-1 MS	MW-08_03122025	Total/NA	Water	8260D	
460-322068-1 MSD	MW-08_03122025	Total/NA	Water	8260D	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: MW-08_03122025
Lab Sample ID: 460-322068-1
Date Collected: 03/12/25 11:35
Matrix: Water
Date Received: 03/12/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1026344	VBP	EET EDI	03/18/25 03:03

Client Sample ID: MW-07_03122025
Lab Sample ID: 460-322068-2
Date Collected: 03/12/25 13:35
Matrix: Water
Date Received: 03/12/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1026344	VBP	EET EDI	03/18/25 03:27

Client Sample ID: MW-06_03122025
Lab Sample ID: 460-322068-3
Date Collected: 03/12/25 15:10
Matrix: Water
Date Received: 03/12/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1026344	VBP	EET EDI	03/18/25 03:51

Client Sample ID: DUP-01_03122025
Lab Sample ID: 460-322068-4
Date Collected: 03/12/25 13:40
Matrix: Water
Date Received: 03/12/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1026344	VBP	EET EDI	03/18/25 04:15

Client Sample ID: FB-01_03122025
Lab Sample ID: 460-322068-5
Date Collected: 03/12/25 15:20
Matrix: Water
Date Received: 03/12/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1026344	VBP	EET EDI	03/17/25 22:59

Client Sample ID: TB-01_03122025
Lab Sample ID: 460-322068-6
Date Collected: 03/12/25 15:25
Matrix: Water
Date Received: 03/12/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1026344	VBP	EET EDI	03/17/25 23:24

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc. Job ID: 460-322068-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-25

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00178	02/28/25	01/31/25	MeOH, Lot EI863-US	10 mL	14DIOXINTER_00154	100 uL	1,4-Dioxane	500.001 ug/mL
.14DIOXINTER_00154	02/28/25	03/31/23	MeOH, Lot 22C2862010	10 mL	14DIOXNEAT_00004	483.56 uL	1,4-Dioxane	50000.1 ug/mL
..14DIOXNEAT_00004	02/28/25	SIGMA-ALDRICH, Lot BCCH3811			(Purchased Reagent)		1,4-Dioxane	1.034 g/g
524FREONS_00030	02/28/25	01/30/25	MeOH, Lot EI863-US	10 mL	7 Freons_00007	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00007	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00024	02/28/25	01/30/25	MeOH, Lot EI863-US	5 mL	7 Freons_00007	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00007	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00189	02/28/25	01/30/25	MeOH, Lot EI836-US	10 mL	KetonesC SS_00017	200 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix SS_00022	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00017	04/30/27		RESTEK, Lot A0209876		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix SS_00022	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260ISNEW_00210	09/30/29		RESTEK, Lot A0217062		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
8260MIX1COMB_00200	02/25/25	01/25/25	MeOH, Lot EI863-US	50 mL	2-CEVEC_00031	1 mL	2-Chloroethyl vinyl ether	50.12 ug/mL
					EPICH(working_00015	0.5 mL	Epichlorohydrin	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					ETHANOL(new)_00025	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00024	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00030	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					LIST2/STD6_00023	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00026	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00042	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00030	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00101	1 mL	Vinyl acetate	100 ug/mL
.2-CEVEC_00031	06/30/27		RESTEK, Lot A0213181		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new)_00025	05/31/27		RESTEK, Lot A0212265		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00024	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00030	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.LIST2/STD6_00023	03/31/26		RESTEK, Lot A0216327		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00026	01/31/26		RESTEK, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00042	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00030	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00101	09/30/25		RESTEK, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00200	02/25/25	01/25/25	MeOH, Lot EI863-US	50 mL	Mega Mix_00042	1 mL	Xylenes, Total	100 ug/mL
.Mega Mix_00042	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
8260MIX1COMB_00201	03/20/25	02/20/25	MeOH, Lot EI863-US	50 mL	KetonesC_00031	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix_00043	1 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC_00031	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260SURR250_00253	04/12/25	02/12/25	MeOH, Lot EI863-US	50 mL	8260 SURR C_00068	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene-d8 (Surr)	250 ug/mL
.8260 SURR C_00068	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
ACROLEIN W_00180	03/14/25	02/14/25	MeOH, Lot EI863-US	10 mL	ACROLEIN_00025	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00025	09/30/25		RESTEK, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00134	02/28/25	01/31/25	MeOH, Lot EI863-US	10 mL	Acrylonitrile_00010	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00015	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00010	06/15/26		ABSOLUTE, Lot 061523		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00038							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	100 uL	4-Bromofluorobenzene	25 ug/mL
							BFB	25 ug/mL
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
Ethanol mix_00098	02/28/25	01/30/25	MeOH, Lot EI863-US	5 mL	ETHANOL(new)_00025	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00025	05/31/27		RESTEK, Lot A0212265		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00610	02/21/25	02/14/25	MeOH, Lot EI863-US	10 mL	GASES SS_00028	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00028	05/31/27		RESTEK, Lot A0211505		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00489	02/26/25	02/12/25	MeOH, Lot EI863-US	5 mL	GASES C_00041	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00627	02/21/25	02/14/25	MeOH, Lot EI863-US	50 mL	GASES C_00041	1 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00631	03/20/25	03/13/25	MeOH, Lot EI863-US	25 mL	GASES C_00042	500 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00158	02/28/25	01/30/25	MeOH, Lot EI863-US	5 mL	2-CEVEC_00032	1 mL	2-Chloroethyl vinyl ether	501.2 ug/mL
					Extra Cmpd_00025	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00024	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00027	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00031	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.2-CEVEC_00032	06/30/27		RESTEK, Lot A0213181		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.Extra Cmpd_00025	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00024	03/31/26		RESTEK, Lot A0216327		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00027	01/31/26		RESTEK, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00031	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00185	02/28/25	01/30/25	MeOH, Lot EI863-US	5 mL	EPICH(working_00015	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00030	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
					Mega Mix_00043	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorodibromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromomethane	500 ug/mL
							Dichlorobromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00102	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00030	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00102	09/30/25	RESTEK, Lot A0209567			(Purchased Reagent)		Vinyl acetate	5000 ug/mL

Reagent

14DIOXNEAT_00004

Supelco

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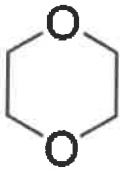
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
1,4-Dioxane - analytical standard

Product Number:	**76887**
Batch Number:	**BCCH3811**
Brand:	SIAL
CAS Number:	123-91-1
Formula:	C4H8O2
Formula Weight:	88,11 g/mol
Quality Release Date:	18 MAR 2022
Expiration Date:	FEB 2025



R2386

HS 3/31/23 #10669636

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Purity (GC)	≥ 99.5 %	100.0 %
Refractive index at 20 °C	1.421 - 1.423	1.422
Water (Coulometric)	≤ 0.05 %	0.03 %
Peroxide (as H2O2)	≤ 50.00 mg/kg	< 50.00 mg/kg

Dr. R. Schwenninger

Dr.Reinhold Schwenninger
Quality Assurance
Buchs,Switzerland CH

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Reagent

2-CEVEC_00031

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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R2546
MS 9/14/24 #12023864

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569723 **Lot No.:** A0213181

Description : 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Chloroethyl vinyl ether	110-75-8	MKCV7865	99%	2,508.8 µg/mL	+/- 31.2225

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Page 1 of 571

Reagent

2-CEVEC_00032

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1/3/25 MS #12275362

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569723 **Lot No.:** A0213181

Description : 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Chloroethyl vinyl ether	110-75-8	MKCV7865	99%	2,508.8 µg/mL	+/- 31.2225

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Page 571 of 571

Reagent

7 Freons_00007

CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000 MS 11/12/24
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EF282-USQ5

R2561

#12162831

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Formulated By:	Eli Aliaga	040723 DATE
Reviewed By:	Pedro L. Rentas	040723 DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

8260 SURR C_00068

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CERTIFIED REFERENCE MATERIAL

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R2586

MS 1/22/25

12305105

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260ISNEW_00210

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Certificate #3222.02

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chromatographic plus

R2592

MS 2/7/25 #12340821

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0217062

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,001.3 µg/mL	+/- 62.1141
2	2-Butanone-d5	24313-50-6	M-276	99%	1,250.9 µg/mL	+/- 15.5357
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.0 µg/mL	+/- 3.1065
4	1,4-Dioxane-d8	17647-74-4	RP240917A	99%	5,004.3 µg/mL	+/- 62.1513
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.3 µg/mL	+/- 3.1102
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1152

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)

CAS # 67-56-1/7732-18-5

Purity 99%

Page 571

Reagent

ACROLEIN_00025

R2511

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0209476

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RP240118CTH	99%	19,917.5 µg/mL	+/- 585.1357

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Reagent

Acrylonitrile_00010

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 061523
Description: Acrylonitrile

Solvent: Methanol **Lot#** EE584-USQ7

R2520 #11756671
MS 5/21/24

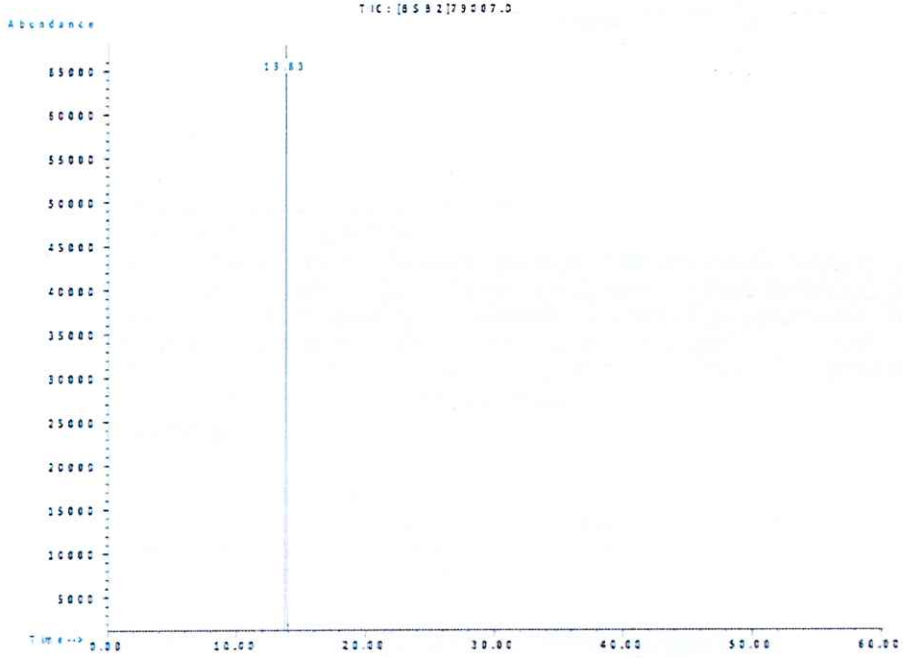
Expiration Date: 061526
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

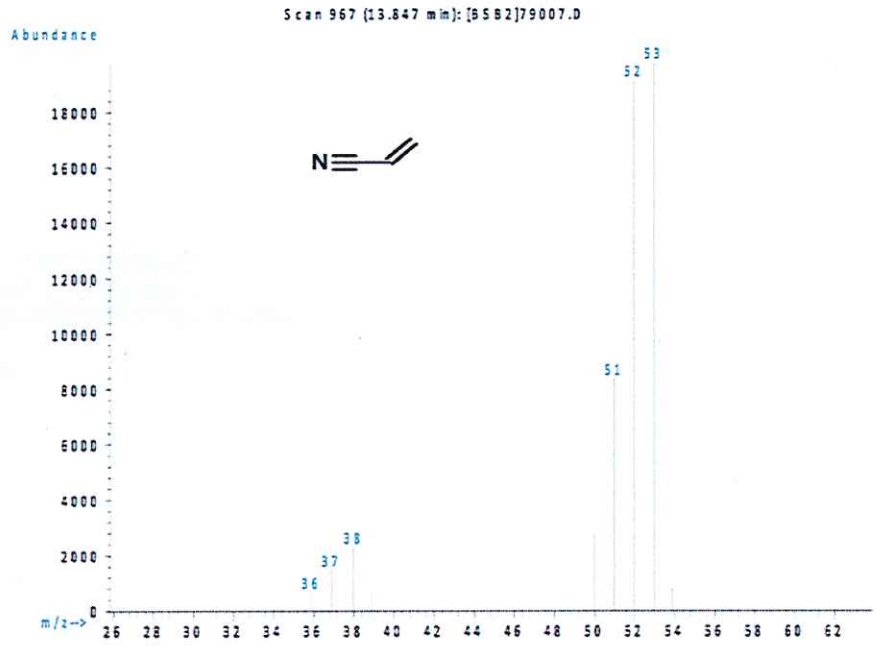
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0
0.001 Flask Uncertainty

Formulated By:	Eli Aliaga	061523 DATE
Reviewed By:	Pedro L. Rentas	061523 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05063	1001.9	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

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Email USA: techserv@sial.com
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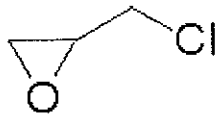
Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 °C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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ETHANOL(new)_00025

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MS 9/14/24 # L0238 66

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0212265

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR1203	99%	100,982.0 µg/mL	+/- 1,256.0897

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Extra Cmpd_00024

CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 092922
Description: VOC Standard 2015
14 components
Expiration Date: 092925
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EC592-USQ6

R2550
MS 9/14/24
#1203894

Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty 5E-05 Balance Uncertainty

Formulated By: Benson Chan	092922 DATE
Reviewed By: Pedro L. Rentas	092922 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	CAS#	SDS Information (Solvent Safety Info. On Attached pg.) OSHA PEL (TWA)	LD50
1. n-Amyl acetate	1515	OGL01	2500	98	0.2	0.25511	0.25561	2504.9	10.3	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2. tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.25511	0.25536	2502.4	10.3	919-94-8	N/A	inh-mus 81284mg/m3/15H
3. n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.25254	0.25273	2501.9	10.2	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4. Butyl methacrylate	1314	03220HG	2500	99	0.2	0.25254	0.25285	2503.1	10.2	97-88-1	N/A	orl-rat 18 g/kg
5. Cyclopentene	519	04013BX	2500	99	0.2	0.25254	0.25265	2501.1	10.2	142-29-0	N/A	orl-rat 1656mg/kg
6. 4-Ethyltoluene	1001	031097	2500	99	0.2	0.25254	0.25313	2505.9	10.2	622-96-8	N/A	N/A
7. Indan	955	02625MQ	2500	96	0.2	0.26043	0.26075	2503.1	10.5	496-11-7	N/A	N/A
8. Isoprene	1541	SHBN7340	2500	99.7	0.2	0.25076	0.25112	2503.5	10.1	78-79-5	N/A	N/A
9. Isopropyl acetate	1106	U17E045	2500	99.9	0.2	0.25026	0.25097	2507.1	10.1	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10. Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.25026	0.25088	2506.2	10.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11. n-Pentane	783	SHBM5087	**5000**	99.4	0.2	0.50304	0.50358	**5005.3**	20.2	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12. Propyl acetate	1105	05017HY	2500	99	0.2	0.25254	0.25286	2503.2	10.2	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13. 1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.25511	0.25520	2500.8	10.3	95-93-2	N/A	orl-rat 6989mg/kg
14. 1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.25511	0.25536	2502.4	10.3	105-05-5	N/A	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

Extra Cmpd_00025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 010825
Description: VOC Standard 2015
14 components
Expiration Date: 010828
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EJ143-USQ6

R2581

MS 1/10/25 #12285003

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 75.0 0.021 Flask Uncertainty

Prashant Chauhan		010825
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		010825
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. n-Amyl acetate	1515	OGL01	2500	98	0.2	0.19133	0.19150	2502.3	10.4	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2. tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.19133	0.19144	2501.5	10.4	919-94-8	N/A	inh-mus 81284mg/m3/15H
3. n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.18939	0.18948	2501.1	10.3	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4. Butyl methacrylate	1314	03220HG	2500	99	0.2	0.18939	0.18950	2501.4	10.3	97-88-1	N/A	orl-rat 18 g/kg
5. Cyclopentene	519	MKCL5160	2500	98.3	0.2	0.19074	0.19089	2501.9	10.4	142-29-0	N/A	orl-rat 1656mg/kg
6. 4-Ethyltoluene	1001	031097	2500	99	0.2	0.18939	0.18945	2500.7	10.3	622-96-8	N/A	N/A
7. Indan	955	06309PV	2500	96	0.2	0.19531	0.19545	2501.8	10.6	496-11-7	N/A	N/A
8. Isoprene	1541	SHBN7340	2500	99.7	0.2	0.18806	0.18825	2502.5	10.2	78-79-5	N/A	N/A
9. Isopropyl acetate	1106	MKCQ4616	2500	99.90	0.2	0.18769	0.18781	2501.6	10.2	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10. Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.18769	0.18780	2501.5	10.2	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11. n-Pentane	783	LX202310NP	**5000**	99.57	0.2	0.37662	0.37682	**5002.7**	20.3	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12. Propyl acetate	1105	05017HY	2500	99	0.2	0.18939	0.18950	2501.4	10.3	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13. 1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.19133	0.19150	2502.3	10.4	95-93-2	N/A	orl-rat 6989mg/kg
14. 1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.19133	0.19148	2502.0	10.4	105-05-5	N/A	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Reagent

GASES C_00041

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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R2527

MS 6/6/24 # 11794792

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

GASES C_00042

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R2588

MS 2/5/25 # 12335374

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 571

Reagent

GASES SS_00028

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R2560

MS 11/1/24 #12143985

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0211505

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,506.6 µg/mL	+/- 141.9557
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,508.3 µg/mL	+/- 142.1039
3	Vinyl chloride	75-01-4 *	00015559	99%	2,513.8 µg/mL	+/- 142.7235
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,508.8 µg/mL	+/- 142.0275
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,535.7 µg/mL	+/- 145.7487
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,503.6 µg/mL	+/- 141.4181
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,523.6 µg/mL	+/- 141.7792
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,509.1 µg/mL	+/- 141.8184

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

KetonesC SS_00017

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MS 8/20/24 R2539 #11963401

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0209876

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	U19I024	99%	12,580.0 µg/mL	+/- 434.7940
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,611.6 µg/mL	+/- 435.8862
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,576.4 µg/mL	+/- 434.6696
4	2-Hexanone	591-78-6.SEC	NXXXA	99%	12,574.8 µg/mL	+/- 434.6143

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

KetonesC_00030

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110 Benner Circle
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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MS 10/15/24 R2557 #12100077

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

KetonesC_00031

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MS 2/6/25 R2590 #12337663

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

LIST2/STD6_00023

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110 Benner Circle
Bellefonte, PA 16823-8812
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CERTIFIED REFERENCE MATERIAL

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Certificate #3222.01

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Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

R25511

MS 9/24/24

#12045167

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0216327

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBR6536	99%	25,028.0 µg/mL	+/- 409.2558
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	SYN240402ECS	99%	2,515.0 µg/mL	+/- 41.1371
3	Methacrylonitrile	126-98-7	1012014	99%	25,025.0 µg/mL	+/- 409.2067
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBP5702	99%	2,512.0 µg/mL	+/- 41.0880
5	1-Butanol	71-36-3	101601K21K	99%	62,571.0 µg/mL	+/- 1,023.1558
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,019.8 µg/mL	+/- 82.1065
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,509.0 µg/mL	+/- 41.0390
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	2,507.8 µg/mL	+/- 41.0197
9	Benzyl chloride	100-44-7	MKCM5986	99%	2,509.0 µg/mL	+/- 41.0390
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,510.0 µg/mL	+/- 41.0553

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD6_00024

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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1/8125 MS R2580 #12280646

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0216327

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBR6536	99%	25,028.0 µg/mL	+/- 409.2558
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	SYN240402ECS	99%	2,515.0 µg/mL	+/- 41.1371
3	Methacrylonitrile	126-98-7	1012014	99%	25,025.0 µg/mL	+/- 409.2067
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBP5702	99%	2,512.0 µg/mL	+/- 41.0880
5	1-Butanol	71-36-3	101601K21K	99%	62,571.0 µg/mL	+/- 1,023.1558
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,019.8 µg/mL	+/- 82.1065
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,509.0 µg/mL	+/- 41.0390
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	2,507.8 µg/mL	+/- 41.0197
9	Benzyl chloride	100-44-7	MKCM5986	99%	2,509.0 µg/mL	+/- 41.0390
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,510.0 µg/mL	+/- 41.0553

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD7_00026

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2549

MS 9/14/24 #1023893

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0213624

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBR4534	99%	5,029.0 µg/mL	+/- 173.8139
2	Ethyl acrylate	140-88-5	10129902	99%	2,508.5 µg/mL	+/- 86.7053
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,011.5 µg/mL	+/- 173.2091
4	Butyl acetate	123-86-4	SHBR2024	99%	2,508.5 µg/mL	+/- 86.7053

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD7_00027

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

1/3125 MS

R2579

#122753641

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0213624

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBR4534	99%	5,029.0 µg/mL	+/- 173.8139
2	Ethyl acrylate	140-88-5	10129902	99%	2,508.5 µg/mL	+/- 86.7053
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,011.5 µg/mL	+/- 173.2091
4	Butyl acetate	123-86-4	SHBR2024	99%	2,508.5 µg/mL	+/- 86.7053

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Mega Mix SS_00022

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2538

MS 8/20/24 # 11963397

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992.SEC **Lot No.:** A0195252

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7.SEC	F23X068	99%	2,516.7 µg/mL	+/- 86.9644
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1.SEC	18342	99%	2,520.0 µg/mL	+/- 87.0795
3	1,1-Dichloroethene	75-35-4.SEC	13896500	99%	2,525.0 µg/mL	+/- 87.2523
4	tert-Butanol (TBA)	75-65-0.SEC	DI34O	99%	25,129.5 µg/mL	+/- 868.3580
5	Methyl acetate	79-20-9.SEC	UCNEL	99%	5,029.0 µg/mL	+/- 173.7790
6	Iodomethane (methyl iodide)	74-88-4.SEC	Y25A027	99%	2,521.7 µg/mL	+/- 87.1371
7	Allyl chloride (3-chloropropene)	107-05-1.SEC	RD210329	99%	2,518.2 µg/mL	+/- 87.0162
8	Methylene chloride (dichloromethane)	75-09-2.SEC	FGM02	99%	2,516.7 µg/mL	+/- 86.9644
9	Carbon disulfide	75-15-0.SEC	MKBL1376V	99%	2,511.7 µg/mL	+/- 86.7916
10	Acrylonitrile	107-13-1.SEC	V54AD	99%	25,200.3 µg/mL	+/- 870.8057
11	Methyl-tert-butyl ether (MTBE)	1634-04-4.SEC	CDCQG	99%	2,517.3 µg/mL	+/- 86.9874
12	cis-1,2-Dichloroethene	156-59-2.SEC	YZO5O	99%	2,515.3 µg/mL	+/- 86.9183
13	n-Hexane (C6)	110-54-3.SEC	10188491	99%	2,514.7 µg/mL	+/- 86.8953
14	1,1-Dichloroethane	75-34-3.SEC	1026.30-3	98%	2,512.6 µg/mL	+/- 86.8223
15	2,2-Dichloropropane	594-20-7.SEC	GI01	99%	2,521.5 µg/mL	+/- 87.1314
16	trans-1,2-Dichloroethene	156-60-5.SEC	L5QOH	99%	2,525.0 µg/mL	+/- 87.2523

17	Isobutanol (2-Methyl-1-propanol)	78-83-1.SEC PH2XK	99%	62,830.8	µg/mL	+/- 2,171.1398
18	Chloroform	67-66-3.SEC 1297547	99%	2,511.7	µg/mL	+/- 86.7916
19	Bromochloromethane	74-97-5 * 230206JLM	99%	2,515.7	µg/mL	+/- 86.9298
20	Tetrahydrofuran	109-99-9.SEC 3NYHE	99%	5,018.5	µg/mL	+/- 173.4162
21	1,1,1-Trichloroethane	71-55-6.SEC 13891800	99%	2,506.5	µg/mL	+/- 86.6130
22	Cyclohexane	110-82-7.SEC YADRA	99%	2,523.3	µg/mL	+/- 87.1947
23	1,1-Dichloropropene	563-58-6.SEC 556500	99%	2,520.5	µg/mL	+/- 87.0968
24	Carbon tetrachloride	56-23-5.SEC 11466	99%	2,520.5	µg/mL	+/- 87.0968
25	n-Heptane (C7)	142-82-5.SEC TFHUC	99%	2,516.5	µg/mL	+/- 86.9586
26	1,2-Dichloroethane	107-06-2.SEC 00016165	99%	2,519.8	µg/mL	+/- 87.0738
27	Benzene	71-43-2.SEC 101960P29K	99%	2,518.8	µg/mL	+/- 87.0392
28	Trichloroethene	79-01-6.SEC H04X050	99%	2,524.3	µg/mL	+/- 87.2293
29	Methylcyclohexane	108-87-2.SEC Q02QG	99%	2,515.8	µg/mL	+/- 86.9356
30	1,2-Dichloropropane	78-87-5.SEC ERRBI-RH	99%	2,516.8	µg/mL	+/- 86.9701
31	1,4-Dioxane	123-91-1.SEC QHRWO	99%	50,137.2	µg/mL	+/- 1,732.5061
32	Dibromomethane	74-95-3.SEC MOKKJ	99%	2,516.3	µg/mL	+/- 86.9528
33	cis-1,3-Dichloropropene	10061-01-5.SEC ZLXJ-TJ	99%	2,502.8	µg/mL	+/- 86.4863
34	Toluene	108-88-3.SEC YND2B-BD	99%	2,522.2	µg/mL	+/- 87.1544
35	Ethyl methacrylate	97-63-2.SEC AQSPO	99%	2,510.8	µg/mL	+/- 86.7628
36	trans-1,3-Dichloropropene	10061-02-6.SEC DMSL	98%	2,517.1	µg/mL	+/- 86.9804
37	1,1,2-Trichloroethane	79-00-5.SEC 9245400	99%	2,512.2	µg/mL	+/- 86.8089
38	1,3-Dichloropropane	142-28-9.SEC IQCON	99%	2,519.3	µg/mL	+/- 87.0565
39	Tetrachloroethene	127-18-4.SEC F09W014	99%	2,521.3	µg/mL	+/- 87.1256
40	Dibromochloromethane	124-48-1.SEC 10234064	99%	2,517.5	µg/mL	+/- 86.9932
41	1,2-Dibromoethane (EDB)	106-93-4.SEC 050675P15E	99%	2,518.3	µg/mL	+/- 87.0220
42	Chlorobenzene	108-90-7.SEC 1161936	99%	2,515.8	µg/mL	+/- 86.9356
43	m-Xylene	108-38-3.SEC 7ZV6F	99%	1,255.3	µg/mL	+/- 43.3814
44	p-Xylene	106-42-3.SEC D6UOA	99%	1,260.3	µg/mL	+/- 43.5541
45	Ethylbenzene	100-41-4.SEC PI4SE	99%	2,517.7	µg/mL	+/- 86.9989
46	1,1,1,2-Tetrachloroethane	630-20-6.SEC 13789800	99%	2,517.5	µg/mL	+/- 86.9932
47	o-Xylene	95-47-6.SEC UJ6RI	99%	2,515.8	µg/mL	+/- 86.9356
48	Styrene	100-42-5.SEC QGQ7F	99%	2,521.3	µg/mL	+/- 87.1256
49	Isopropylbenzene (cumene)	98-82-8.SEC 7P24L	99%	2,515.0	µg/mL	+/- 86.9068
50	Bromoform	75-25-2.SEC 13723500	99%	2,522.5	µg/mL	+/- 87.1659
51	Bromodichloromethane	75-27-4.SEC 28128	99%	2,524.2	µg/mL	+/- 87.2235
52	1,1,2,2-Tetrachloroethane	79-34-5.SEC BCCD5088	99%	2,523.7	µg/mL	+/- 87.2063

53	1,2,3-Trichloropropane	96-18-4.SEC 6V2ED	99%	2,522.2	µg/mL	+/- 87.1544
54	trans-1,4-Dichloro-2-butene	110-57-6.SEC RD230316RSR	96%	2,517.0	µg/mL	+/- 86.9745
55	n-Propylbenzene	103-65-1.SEC XCGEC	99%	2,518.8	µg/mL	+/- 87.0392
56	Bromobenzene	108-86-1.SEC 2FUHG-EM	99%	2,518.3	µg/mL	+/- 87.0220
57	1,3,5-Trimethylbenzene	108-67-8.SEC GI2SM	99%	2,514.3	µg/mL	+/- 86.8837
58	2-Chlorotoluene	95-49-8.SEC BRHPM	99%	2,515.7	µg/mL	+/- 86.9298
59	4-Chlorotoluene	106-43-4.SEC S5SKD	99%	2,518.8	µg/mL	+/- 87.0392
60	tert-Butylbenzene	98-06-6.SEC D6OHC	99%	2,522.0	µg/mL	+/- 87.1487
61	1,2,4-Trimethylbenzene	95-63-6.SEC JHZDD	99%	2,517.3	µg/mL	+/- 86.9874
62	sec-Butylbenzene	135-98-8.SEC O4HRF	99%	2,522.0	µg/mL	+/- 87.1487
63	4-Isopropyltoluene (p-cymene)	99-87-6.SEC 13889300	98%	2,518.1	µg/mL	+/- 87.0142
64	1,3-Dichlorobenzene	541-73-1.SEC ZA2ZI	99%	2,515.0	µg/mL	+/- 86.9068
65	1,4-Dichlorobenzene	106-46-7.SEC J5GVD	99%	2,522.5	µg/mL	+/- 87.1659
66	n-Butylbenzene	104-51-8.SEC MMPGA	99%	2,523.7	µg/mL	+/- 87.2063
67	1,2-Dichlorobenzene	95-50-1.SEC R6QDM	99%	2,512.0	µg/mL	+/- 86.8031
68	1,2-Dibromo-3-chloropropane	96-12-8.SEC Q135-105	99%	2,517.7	µg/mL	+/- 86.9989
69	1,2,4-Trichlorobenzene	120-82-1.SEC IGLFA	99%	2,515.7	µg/mL	+/- 86.9298
70	Hexachlorobutadiene	87-68-3.SEC 13889400	97%	2,520.4	µg/mL	+/- 87.0928
71	Naphthalene	91-20-3.SEC AM5NG	99%	2,520.0	µg/mL	+/- 87.0795
72	1,2,3-Trichlorobenzene	87-61-6.SEC A0043055	99%	2,517.8	µg/mL	+/- 87.0047

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

Mega Mix_00042

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

MS 9/14/24 R2545 # 12023813

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

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17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Mega Mix_00043

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

MS 1/3/25 R 2576 #12275361

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

POLAR ADD_00030

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2547

MS 9/14/24 #12023865

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0210249

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,019.2 µg/mL	+/- 409.1119
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,512.4 µg/mL	+/- 41.0946
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	2,519.0 µg/mL	+/- 41.2024
4	Propionitrile	107-12-0	BCCH7430	99%	25,234.4 µg/mL	+/- 412.6308
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,096.4 µg/mL	+/- 410.3743
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,517.2 µg/mL	+/- 41.1731

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

POLAR ADD_00031

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

1/3/25 MS R2578 #12275363

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0210249

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,019.2 µg/mL	+/- 409.1119
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,512.4 µg/mL	+/- 41.0946
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	2,519.0 µg/mL	+/- 41.2024
4	Propionitrile	107-12-0	BCCH7430	99%	25,234.4 µg/mL	+/- 412.6308
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,096.4 µg/mL	+/- 410.3743
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,517.2 µg/mL	+/- 41.1731

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Vinyl Acetate_00101

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2543

MS 9/10/24

#12010010

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0209567

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RP231030CTH	98%	5,034.8 µg/mL	+/- 173.9777

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

Vinyl Acetate_00102

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2558

MS 10/15/24 #12100078

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0209567

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RP231030CTH	98%	5,034.8 µg/mL	+/- 173.9777

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

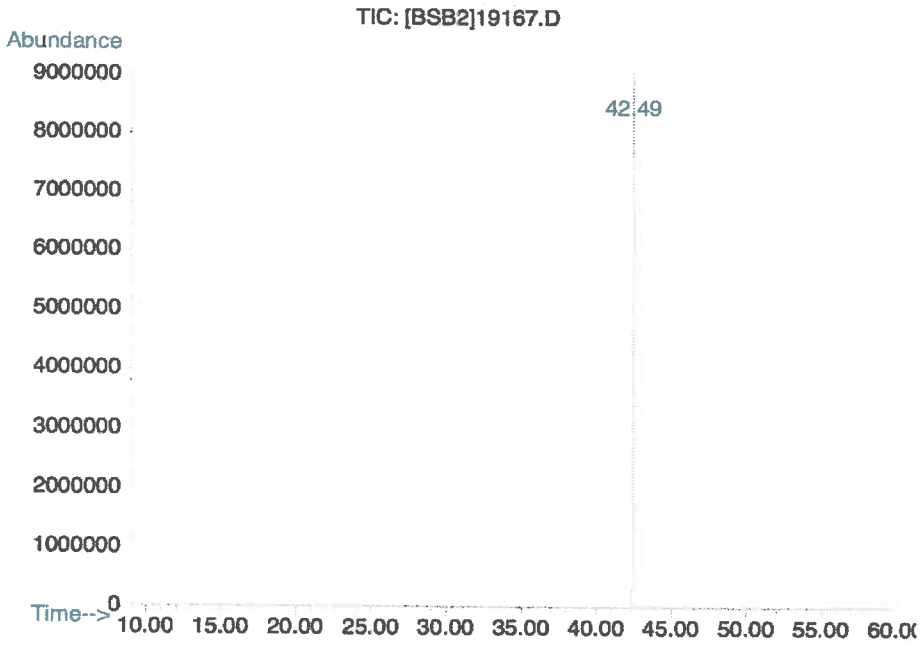
5E-05 Balance Uncertainty

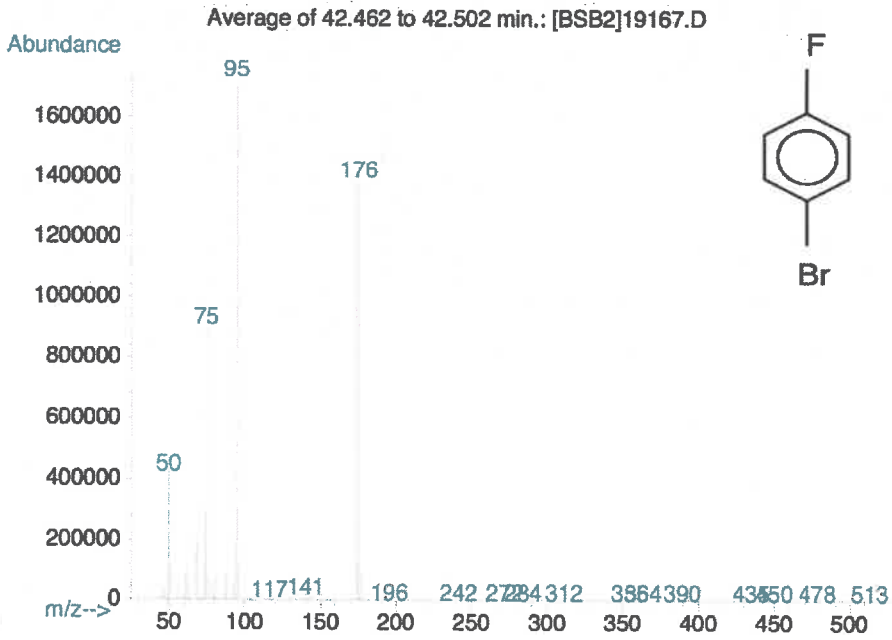
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	030822
Formulated By: Benson Chan	DATE
	030822
Reviewed By: Pedro L. Rentas	DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	orl-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-08_03122025	460-322068-1	84	89	94	113
MW-07_03122025	460-322068-2	80	86	87	106
MW-06_03122025	460-322068-3	86	89	93	106
DUP-01_03122025	460-322068-4	81	86	88	100
FB-01_03122025	460-322068-5	85	93	93	102
TB-01_03122025	460-322068-6	82	90	91	103
	MB 460-1026344/9	81	90	92	103
	LCS 460-1026344/4	84	92	95	106
MW-08_03122025 MS	460-322068-1 MS	80	91	88	105
MW-08_03122025 MSD	460-322068-1 MSD	83	90	89	105

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Matrix: Water Level: Low Lab File ID: K69157.D

Lab ID: LCS 460-1026344/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.2	91	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.3	111	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	13.0	65	65-142	
1,1,2-Trichloroethane	20.0	22.8	114	74-125	
1,1-Dichloroethane	20.0	22.2	111	73-130	
1,1-Dichloroethene	20.0	13.9	69	68-133	
1,2,3-Trichlorobenzene	20.0	15.6	78	55-150	
1,2,4-Trichlorobenzene	20.0	18.1	91	67-132	
1,2,4-Trimethylbenzene	20.0	19.5	98	75-125	
1,2-Dibromo-3-Chloropropane	20.0	20.0	100	58-132	
1,2-Dichlorobenzene	20.0	19.2	96	80-120	
1,2-Dichloroethane	20.0	20.0	100	66-129	
1,2-Dichloropropane	20.0	21.2	106	72-128	
1,3,5-Trimethylbenzene	20.0	19.6	98	75-125	
1,3-Dichlorobenzene	20.0	19.0	95	80-120	
1,4-Dichlorobenzene	20.0	18.2	91	80-120	
2-Butanone (MEK)	100	92.9	93	65-142	
2-Hexanone	100	115	115	72-134	
4-Methyl-2-pentanone (MIBK)	100	106	106	77-130	
Acetone	100	64.9	65	60-133	
Benzene	20.0	17.8	89	71-126	
Bromoform	20.0	19.2	96	58-128	
Bromomethane	20.0	14.3	71	33-150	
Carbon disulfide	20.0	14.8	74	35-150	
Carbon tetrachloride	20.0	17.4	87	65-131	
Chlorobenzene	20.0	18.9	94	80-120	
Chlorobromomethane	20.0	16.6	83	71-134	
Chlorodibromomethane	20.0	18.4	92	73-121	
Chloroethane	20.0	16.4	82	54-150	
Chloroform	20.0	21.5	107	78-125	
Chloromethane	20.0	14.3	72	43-149	
cis-1,2-Dichloroethene	20.0	20.1	100	78-121	
cis-1,3-Dichloropropene	20.0	22.6	113	74-125	
Cyclohexane	20.0	17.6	88	64-142	
Dichlorobromomethane	20.0	21.2	106	76-121	
Dichlorodifluoromethane	20.0	9.75	49	38-144	
Ethylbenzene	20.0	18.9	95	78-120	
Ethylene Dibromide	20.0	21.1	105	79-126	
Isopropylbenzene	20.0	19.2	96	79-125	
Methyl acetate	40.0	43.7	109	50-147	
Methyl tert-butyl ether	20.0	22.0	110	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Matrix: Water Level: Low Lab File ID: K69157.D

Lab ID: LCS 460-1026344/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	15.8	79	63-138	
Methylene Chloride	20.0	19.6	98	74-127	
m-Xylene & p-Xylene	20.0	19.8	99	78-120	
n-Butylbenzene	20.0	20.2	101	69-135	
N-Propylbenzene	20.0	21.3	106	68-129	
o-Xylene	20.0	19.4	97	78-120	
sec-Butylbenzene	20.0	18.9	95	77-129	
Styrene	20.0	22.0	110	82-127	
tert-Butylbenzene	20.0	17.7	88	78-120	
Tetrachloroethene	20.0	15.5	78	70-127	
Toluene	20.0	19.1	95	78-120	
trans-1,2-Dichloroethene	20.0	18.9	95	70-126	
trans-1,3-Dichloropropene	20.0	21.7	109	71-127	
Trichloroethene	20.0	16.9	84	73-121	
Trichlorofluoromethane	20.0	13.4	67	62-134	
Vinyl chloride	20.0	14.1	71	55-144	
Xylenes, Total	40.0	39.1	98	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Matrix: Water Level: Low Lab File ID: K69171.D

Lab ID: 460-322068-1 MS Client ID: MW-08_03122025 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	19.2	96	72-128	
1,1,2,2-Tetrachloroethane	20.0	0.20 U	20.2	101	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	14.0	70	65-142	
1,1,2-Trichloroethane	20.0	0.58 U	19.7	98	74-125	
1,1-Dichloroethane	20.0	1.0 U	21.7	109	73-130	
1,1-Dichloroethene	20.0	1.0 U	14.3	72	68-133	
1,2,3-Trichlorobenzene	20.0	1.0 U	13.0	65	55-150	
1,2,4-Trichlorobenzene	20.0	1.0 U	16.2	81	67-132	
1,2,4-Trimethylbenzene	20.0	1.0 U	20.8	104	75-125	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	16.8	84	58-132	
1,2-Dichlorobenzene	20.0	1.0 U	17.3	86	80-120	
1,2-Dichloroethane	20.0	0.30 U	18.6	93	66-129	
1,2-Dichloropropane	20.0	0.92 U	19.0	95	72-128	
1,3,5-Trimethylbenzene	20.0	1.0 U	17.9	89	75-125	
1,3-Dichlorobenzene	20.0	1.0 U	17.6	88	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	16.5	82	80-120	
2-Butanone (MEK)	100	5.0 U	76.6	77	65-142	
2-Hexanone	100	5.0 U	104	104	72-134	
4-Methyl-2-pentanone (MIBK)	100	5.0 U	100	100	77-130	
Acetone	100	5.0 U	61.2	61	60-133	
Benzene	20.0	0.45 U	15.8	79	71-126	
Bromoform	20.0	1.0 U	17.4	87	58-128	
Bromomethane	20.0	1.0 U	16.5	82	33-150	
Carbon disulfide	20.0	1.0 U	9.91	50	35-150	
Carbon tetrachloride	20.0	1.0 U	18.1	91	65-131	
Chlorobenzene	20.0	1.0 U	17.9	89	80-120	
Chlorobromomethane	20.0	1.0 U	15.8	79	71-134	
Chlorodibromomethane	20.0	0.78 U	15.4	77	73-121	
Chloroethane	20.0	1.0 U	17.7	88	54-150	
Chloroform	20.0	1.0 U	20.4	102	78-125	
Chloromethane	20.0	1.0 U	17.1	85	43-149	
cis-1,2-Dichloroethene	20.0	1.0 U	18.6	93	78-121	
cis-1,3-Dichloropropene	20.0	0.45 U	19.0	95	74-125	
Cyclohexane	20.0	1.0 U	15.1	76	64-142	
Dichlorobromomethane	20.0	0.98 U	21.6	108	76-121	
Dichlorodifluoromethane	20.0	1.0 U	10.5	53	38-144	
Ethylbenzene	20.0	1.0 U	19.1	95	78-120	
Ethylene Dibromide	20.0	1.0 U	16.9	84	79-126	
Isopropylbenzene	20.0	1.0 U	18.3	91	79-125	
Methyl acetate	40.0	5.0 U	36.5	91	50-147	
Methyl tert-butyl ether	20.0	1.0 U	21.8	109	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Matrix: Water Level: Low Lab File ID: K69171.D

Lab ID: 460-322068-1 MS Client ID: MW-08_03122025 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	1.0 U	15.1	75	63-138	
Methylene Chloride	20.0	1.0 U	18.2	91	74-127	
m-Xylene & p-Xylene	20.0	1.0 U	18.5	93	78-120	
n-Butylbenzene	20.0	1.0 U	19.0	95	69-135	
N-Propylbenzene	20.0	1.0 U	18.8	94	68-129	
o-Xylene	20.0	1.0 U	17.2	86	78-120	
sec-Butylbenzene	20.0	1.0 U	17.3	86	77-129	
Styrene	20.0	1.0 U	18.8	94	82-127	
tert-Butylbenzene	20.0	1.0 U	16.6	83	78-120	
Tetrachloroethene	20.0	1.7	15.6	70	70-127	
Toluene	20.0	1.0 U	17.1	86	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	17.1	86	70-126	
trans-1,3-Dichloropropene	20.0	0.45 U	19.5	98	71-127	
Trichloroethene	20.0	0.28 U	17.2	86	73-121	
Trichlorofluoromethane	20.0	1.0 U	14.0	70	62-134	
Vinyl chloride	20.0	1.0 U	18.0	90	55-144	
Xylenes, Total	40.0	2.0 U	35.8	89	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Matrix: Water Level: Low Lab File ID: K69172.D

Lab ID: 460-322068-1 MSD Client ID: MW-08_03122025 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.4	112	15	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	23.6	118	16	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.2	81	14	30	65-142	
1,1,2-Trichloroethane	20.0	24.9	125	24	30	74-125	
1,1-Dichloroethane	20.0	26.1	130	18	30	73-130	
1,1-Dichloroethene	20.0	16.1	80	11	30	68-133	
1,2,3-Trichlorobenzene	20.0	17.1	85	27	30	55-150	
1,2,4-Trichlorobenzene	20.0	18.8	94	15	30	67-132	
1,2,4-Trimethylbenzene	20.0	22.3	111	7	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	18.5	92	10	30	58-132	
1,2-Dichlorobenzene	20.0	20.8	104	18	30	80-120	
1,2-Dichloroethane	20.0	22.8	114	21	30	66-129	
1,2-Dichloropropane	20.0	24.7	123	26	30	72-128	
1,3,5-Trimethylbenzene	20.0	20.8	104	15	30	75-125	
1,3-Dichlorobenzene	20.0	20.8	104	17	30	80-120	
1,4-Dichlorobenzene	20.0	20.0	100	19	30	80-120	
2-Butanone (MEK)	100	92.7	93	19	30	65-142	
2-Hexanone	100	124	124	17	30	72-134	
4-Methyl-2-pentanone (MIBK)	100	115	115	14	30	77-130	
Acetone	100	75.1	75	20	30	60-133	
Benzene	20.0	19.8	99	22	30	71-126	
Bromoform	20.0	21.3	106	20	30	58-128	
Bromomethane	20.0	17.2	86	4	30	33-150	
Carbon disulfide	20.0	15.1	75	41	30	35-150	*
Carbon tetrachloride	20.0	20.7	103	13	30	65-131	
Chlorobenzene	20.0	21.5	108	19	30	80-120	
Chlorobromomethane	20.0	18.2	91	14	30	71-134	
Chlorodibromomethane	20.0	19.2	96	22	30	73-121	
Chloroethane	20.0	20.4	102	14	30	54-150	
Chloroform	20.0	25.1	125	21	30	78-125	
Chloromethane	20.0	18.3	92	7	30	43-149	
cis-1,2-Dichloroethene	20.0	23.5	117	23	30	78-121	
cis-1,3-Dichloropropene	20.0	23.1	115	20	30	74-125	
Cyclohexane	20.0	18.8	94	21	30	64-142	
Dichlorobromomethane	20.0	25.0	125	14	30	76-121	*
Dichlorodifluoromethane	20.0	12.2	61	15	30	38-144	
Ethylbenzene	20.0	21.0	105	10	30	78-120	
Ethylene Dibromide	20.0	21.6	108	25	30	79-126	
Isopropylbenzene	20.0	23.0	115	23	30	79-125	
Methyl acetate	40.0	41.8	104	13	30	50-147	
Methyl tert-butyl ether	20.0	25.5	128	16	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Matrix: Water Level: Low Lab File ID: K69172.D

Lab ID: 460-322068-1 MSD Client ID: MW-08_03122025 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	18.2	91	19	30	63-138	
Methylene Chloride	20.0	21.6	108	17	30	74-127	
m-Xylene & p-Xylene	20.0	22.7	114	20	30	78-120	
n-Butylbenzene	20.0	22.0	110	15	30	69-135	
N-Propylbenzene	20.0	22.3	111	17	30	68-129	
o-Xylene	20.0	22.0	110	25	30	78-120	
sec-Butylbenzene	20.0	19.8	99	14	30	77-129	
Styrene	20.0	23.2	116	21	30	82-127	
tert-Butylbenzene	20.0	20.2	101	20	30	78-120	
Tetrachloroethene	20.0	18.0	82	14	30	70-127	
Toluene	20.0	20.5	103	18	30	78-120	
trans-1,2-Dichloroethene	20.0	20.2	101	17	30	70-126	
trans-1,3-Dichloropropene	20.0	24.0	120	21	30	71-127	
Trichloroethene	20.0	20.2	101	16	30	73-121	
Trichlorofluoromethane	20.0	17.1	86	20	30	62-134	
Vinyl chloride	20.0	18.0	90	0	30	55-144	
Xylenes, Total	40.0	44.8	112	22	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Lab File ID: K69162.D Lab Sample ID: MB 460-1026344/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS9 Date Analyzed: 03/17/2025 21:46

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1026344/4	K69157.D	03/17/2025 19:45
FB-01_03122025	460-322068-5	K69165.D	03/17/2025 22:59
TB-01_03122025	460-322068-6	K69166.D	03/17/2025 23:24
MW-08_03122025 MS	460-322068-1 MS	K69171.D	03/18/2025 01:25
MW-08_03122025 MSD	460-322068-1 MSD	K69172.D	03/18/2025 01:50
MW-08_03122025	460-322068-1	K69175.D	03/18/2025 03:03
MW-07_03122025	460-322068-2	K69176.D	03/18/2025 03:27
MW-06_03122025	460-322068-3	K69177.D	03/18/2025 03:51
DUP-01_03122025	460-322068-4	K69178.D	03/18/2025 04:15

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Lab File ID: K68289.D BFB Injection Date: 02/20/2025

Instrument ID: CVOAMS9 BFB Injection Time: 11:39

Analysis Batch No.: 1022171

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (110.0) 1
96	5 - 9% of m/z 95	7.1
173	Less than 2% of m/z 174	0.1 (0.1) 1
174	50 - 200% of m/z 95	90.9
175	5 - 9% of m/z 174	6.9 (7.6) 1
176	95 -105% of m/z 174	90.1 (99.2) 1
177	5 - 10% of m/z 176	7.7 (8.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-1022171/3	K68291.D	02/20/2025	12:28
	STD7 460-1022171/4	K68292.D	02/20/2025	12:52
	STD1 460-1022171/5	K68293.D	02/20/2025	13:17
	STD5 460-1022171/6	K68294.D	02/20/2025	13:41
	STD20 460-1022171/7	K68295.D	02/20/2025	14:05
	STD50 460-1022171/8	K68296.D	02/20/2025	14:29
	STD200 460-1022171/9	K68297.D	02/20/2025	14:53
	STD500 460-1022171/10	K68298.D	02/20/2025	15:17
	ICV 460-1022171/17	K68305.D	02/20/2025	18:08

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Sample No.: STD20 460-1022171/7 Date Analyzed: 02/20/2025 14:05

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): K68295.D Heated Purge: (Y/N) N

Calibration ID: 100252

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		318344	2.03	315303	2.74	759583	3.68
UPPER LIMIT		636688	2.53	630606	3.24	1519166	4.18
LOWER LIMIT		159172	1.53	157652	2.24	379792	3.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1022171/17		327828	2.00	329506	2.74	799384	3.68

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Sample No.: STD20 460-1022171/7 Date Analyzed: 02/20/2025 14:05

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): K68295.D Heated Purge: (Y/N) N

Calibration ID: 100252

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		30389	4.29	550322	7.10	327862	10.58
UPPER LIMIT		60778	4.79	1100644	7.60	655724	11.08
LOWER LIMIT		15195	3.79	275161	6.60	163931	10.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1022171/17		32276	4.30	579915	7.10	339295	10.58

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Sample No.: CCVIS 460-1026344/2 Date Analyzed: 03/17/2025 18:57

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): K69155.D Heated Purge: (Y/N) N

Calibration ID: 100252

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		377042	2.00	274890	2.73	786016	3.67
UPPER LIMIT		754084	2.50	549780	3.23	1572032	4.17
LOWER LIMIT		188521	1.50	137445	2.23	393008	3.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1026344/4		528303	2.01	489300	2.74	914774	3.68
MB 460-1026344/9		466950	2.02	446282	2.73	852730	3.67
460-322068-5	FB-01_03122025	488073	2.02	463715	2.74	896624	3.68
460-322068-6	TB-01_03122025	515507	2.03	477981	2.74	905384	3.68
460-322068-1 MS	MW-08_03122025 MS	512062	2.01	452288	2.73	834017	3.68
460-322068-1 MSD	MW-08_03122025 MSD	531246	2.02	512750	2.73	946873	3.67
460-322068-1	MW-08_03122025	478056	2.02	460142	2.74	872545	3.68
460-322068-2	MW-07_03122025	484168	2.02	465340	2.74	860505	3.68
460-322068-3	MW-06_03122025	485239	2.03	442887	2.74	834927	3.68
460-322068-4	DUP-01_03122025	512081	2.02	505889	2.74	945996	3.68

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Sample No.: CCVIS 460-1026344/2 Date Analyzed: 03/17/2025 18:57

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): K69155.D Heated Purge: (Y/N) N

Calibration ID: 100252

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		36453	4.29	650912	7.09	392173	10.58
UPPER LIMIT		72906	4.79	1301824	7.59	784346	11.08
LOWER LIMIT		18227	3.79	325456	6.59	196087	10.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1026344/4		45400	4.30	719247	7.10	440066	10.58
MB 460-1026344/9		37161	4.29	670724	7.09	401028	10.58
460-322068-5	FB-01_03122025	46830	4.29	724681	7.10	387535	10.58
460-322068-6	TB-01_03122025	44215	4.30	728641	7.10	444637	10.58
460-322068-1 MS	MW-08_03122025 MS	43130	4.30	698627	7.09	432776	10.58
460-322068-1 MSD	MW-08_03122025 MSD	48686	4.29	759417	7.09	456808	10.58
460-322068-1	MW-08_03122025	42594	4.30	718286	7.10	449256	10.58
460-322068-2	MW-07_03122025	44012	4.29	701984	7.09	421248	10.58
460-322068-3	MW-06_03122025	41121	4.30	676210	7.10	403540	10.58
460-322068-4	DUP-01_03122025	45485	4.30	747571	7.10	407235	10.58

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-08_03122025 | Lab Sample ID: 460-322068-1

Matrix: Water | Lab File ID: K69175.D

Analysis Method: 8260D | Date Collected: 03/12/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 03:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-08_03122025 | Lab Sample ID: 460-322068-1

Matrix: Water | Lab File ID: K69175.D

Analysis Method: 8260D | Date Collected: 03/12/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 03:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.7		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-08_03122025 | Lab Sample ID: 460-322068-1

Matrix: Water | Lab File ID: K69175.D

Analysis Method: 8260D | Date Collected: 03/12/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 03:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-128
460-00-4	4-Bromofluorobenzene	113		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69175.D
Lims ID: 460-322068-A-1
Client ID: MW-08_03122025
Sample Type: Client
Inject. Date: 18-Mar-2025 03:03:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-322068-A-1
Misc. Info.: 460-0188072-022
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:30:09 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: NN6A Date: 18-Mar-2025 10:30:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.022	1.999	0.023	99	478056	1000.0	
* 43 2-Butanone-d5	46	2.742	2.730	0.012	100	460142	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.130	3.119	0.011	95	196916	41.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.382	0.011	97	202443	44.6	
* 65 Fluorobenzene	96	3.679	3.668	0.011	99	872545	50.0	
* 72 1,4-Dioxane-d8	96	4.296	4.285	0.011	40	42594	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	99	830441	46.8	
88 Tetrachloroethene	166	5.999	5.999	0.000	96	9312	1.71	
* 94 Chlorobenzene-d5	117	7.096	7.085	0.011	87	718286	50.0	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	88	345487	56.5	
* 120 1,4-Dichlorobenzene-d4	152	10.583	10.583	0.000	96	449256	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00253 Amount Added: 1.00 Units: uL Run Reagent

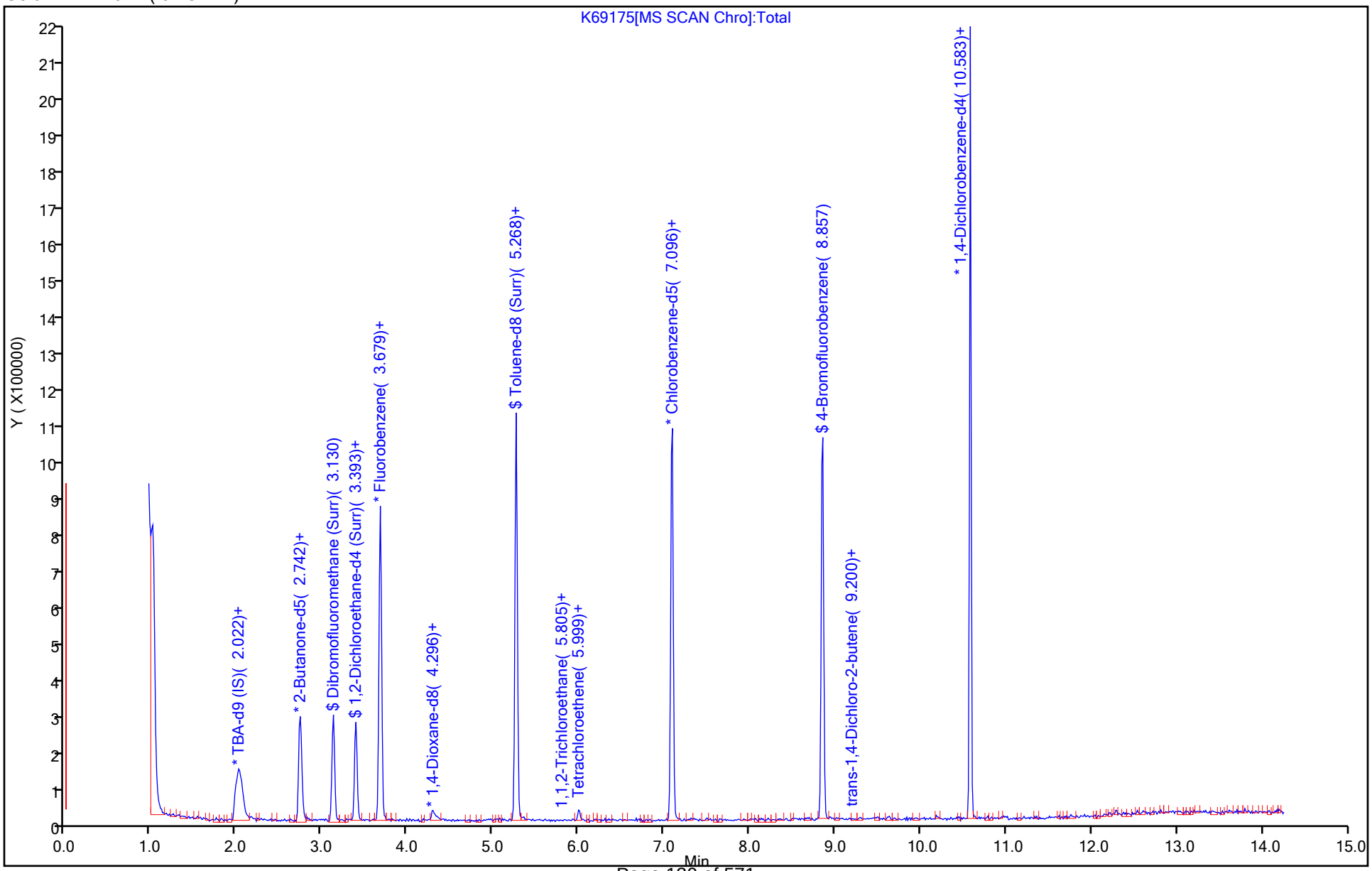
Report Date: 18-Mar-2025 10:30:11 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69175.D

Injection Date:	18-Mar-2025 03:03:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-322068-A-1	Lab Sample ID:	460-322068-1	Worklist Smp#:	22
Client ID:	MW-08_03122025				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Report Date: 18-Mar-2025 10:30:10 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69175.D				
Lims ID:	460-322068-A-1				
Client ID:	MW-08_03122025				
Sample Type:	Client				
Inject. Date:	18-Mar-2025 03:03:30	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-322068-A-1				
Misc. Info.:	460-0188072-022				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	18-Mar-2025 10:30:09	Calib Date:	20-Feb-2025 15:17:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1692				

First Level Reviewer: NN6A Date: 18-Mar-2025 10:30:09

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.8	83.60
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.6	89.20
$ 83 Toluene-d8 (Surr)	50.0	46.8	93.68
$ 105 4-Bromofluorobenzene	50.0	56.5	113.06

Report Date: 18-Mar-2025 10:30:11 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69175.D

Injection Date: 18-Mar-2025 03:03:30 Instrument ID: CVOAMS9

Lims ID: 460-322068-A-1 Lab Sample ID: 460-322068-1

Client ID: MW-08_03122025

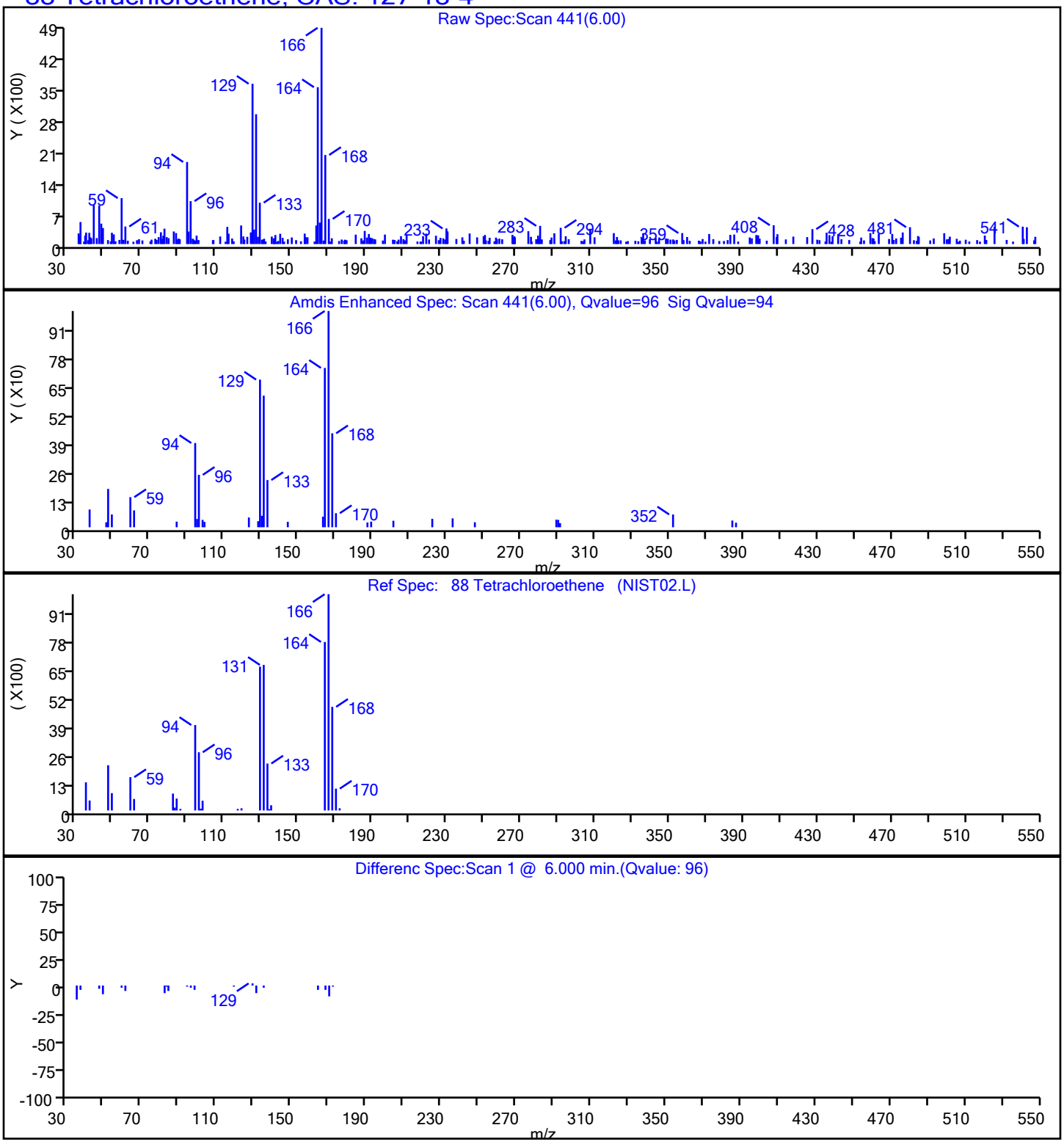
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



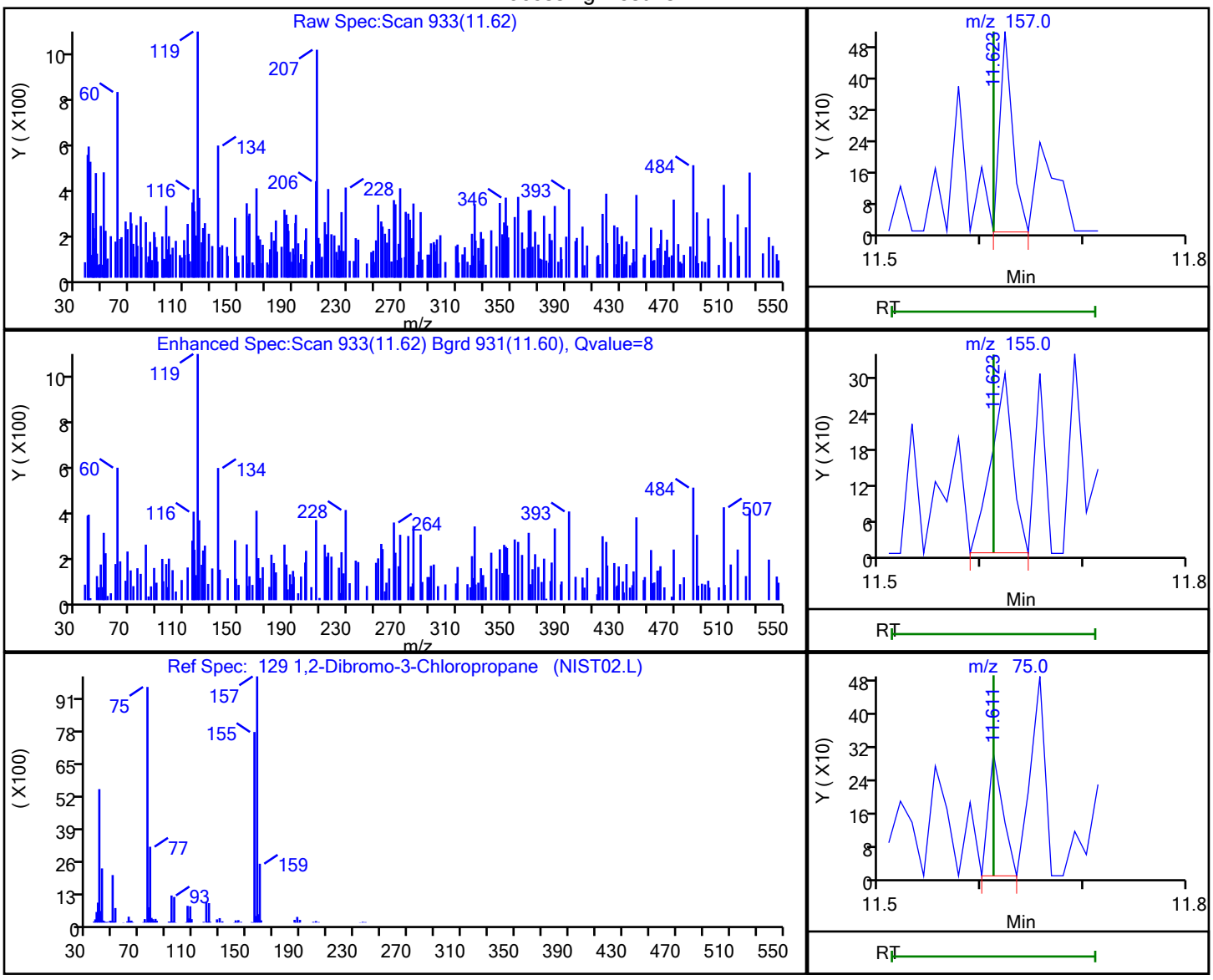
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69175.D				
Injection Date:	18-Mar-2025 03:03:30	Instrument ID:	CVOAMS9		
Lims ID:	460-322068-A-1	Lab Sample ID:	460-322068-1		
Client ID:	MW-08_03122025				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

129 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
11.62	157.00	436	0.311840
11.62	155.00	444	
11.61	75.00	296	

Reviewer: KG2Q, 18-Mar-2025 08:09:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

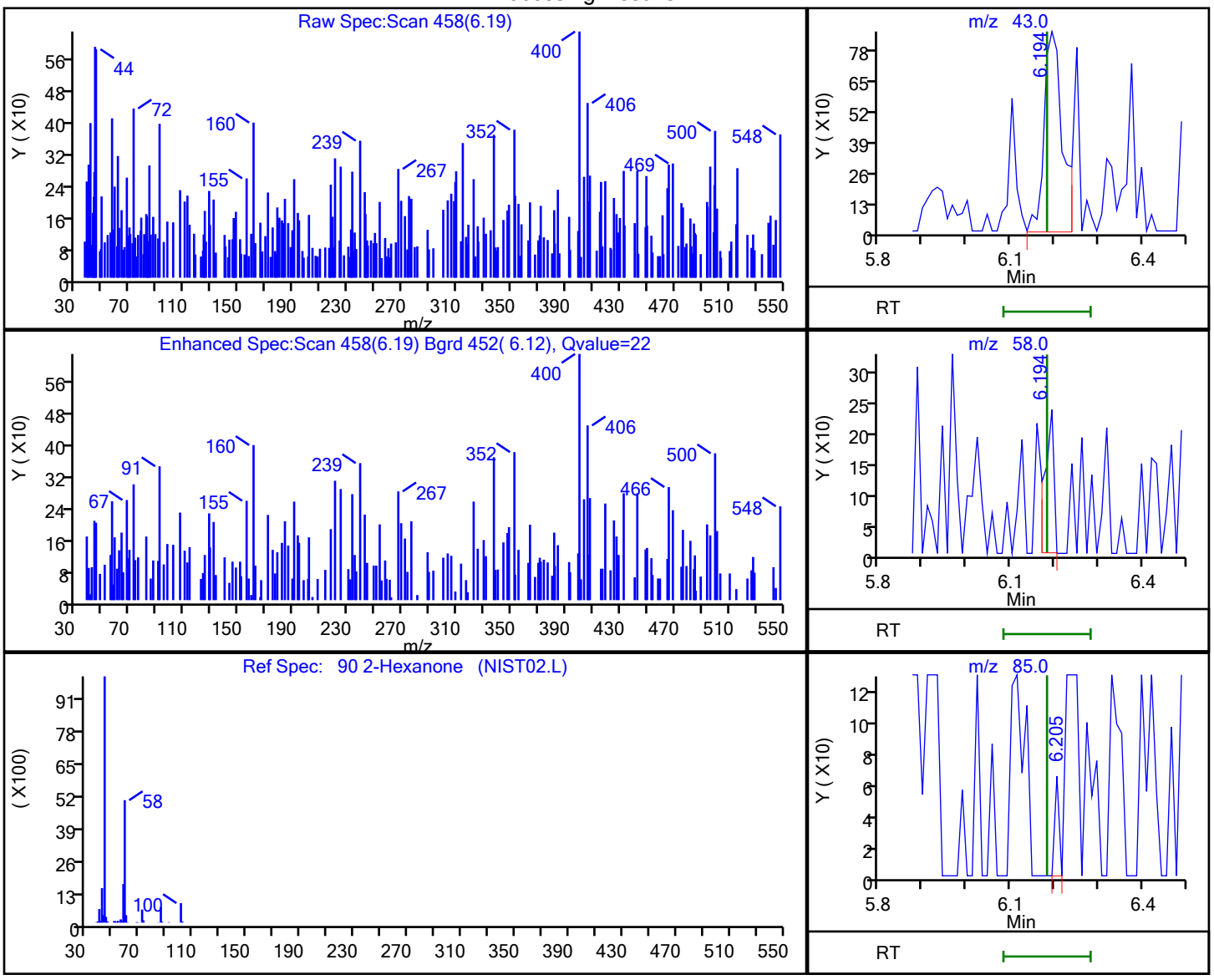
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69175.D				
Injection Date:	18-Mar-2025 03:03:30	Instrument ID:	CVOAMS9		
Lims ID:	460-322068-A-1	Lab Sample ID:	460-322068-1		
Client ID:	MW-08_03122025				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

90 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
6.19	43.00	2499	0.969970
6.19	58.00	335	
6.20	85.00	45	
6.22	100.00	336	

Reviewer: NN6A, 18-Mar-2025 10:29:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-07_03122025 | Lab Sample ID: 460-322068-2

Matrix: Water | Lab File ID: K69176.D

Analysis Method: 8260D | Date Collected: 03/12/2025 13:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 03:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.82	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-07_03122025 | Lab Sample ID: 460-322068-2

Matrix: Water | Lab File ID: K69176.D

Analysis Method: 8260D | Date Collected: 03/12/2025 13:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 03:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.39	J	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	45		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.53		0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-07_03122025 | Lab Sample ID: 460-322068-2

Matrix: Water | Lab File ID: K69176.D

Analysis Method: 8260D | Date Collected: 03/12/2025 13:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 03:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	80		77-132
2037-26-5	Toluene-d8 (Surr)	87		80-120

Report Date: 18-Mar-2025 10:30:41 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69176.D
Lims ID: 460-322068-B-2
Client ID: MW-07_03122025
Sample Type: Client
Inject. Date: 18-Mar-2025 03:27:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-322068-B-2
Misc. Info.: 460-0188072-023
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:30:40 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: KG2Q Date: 18-Mar-2025 08:10:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.022	1.999	0.023	100	484168	1000.0	
35 Methyl tert-butyl ether	73	2.159	2.159	0.000	70	5404	0.3933	M
* 43 2-Butanone-d5	46	2.742	2.730	0.012	99	465340	250.0	
45 cis-1,2-Dichloroethene	96	2.788	2.776	0.012	52	2161	0.4469	
52 Chloroform	83	3.005	3.005	0.000	83	6093	0.8210	
$ 53 Dibromofluoromethane (Surr)	113	3.130	3.119	0.011	96	185789	40.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.382	0.011	97	192818	43.1	
* 65 Fluorobenzene	96	3.679	3.668	0.011	99	860505	50.0	
67 Trichloroethene	95	4.022	3.999	0.023	35	2278	0.5299	
* 72 1,4-Dioxane-d8	96	4.285	4.285	0.000	40	44012	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	100	757375	43.7	
88 Tetrachloroethene	166	5.999	5.999	0.000	97	215111	45.0	
* 94 Chlorobenzene-d5	117	7.085	7.085	0.000	86	701984	50.0	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	90	315404	52.8	
* 120 1,4-Dichlorobenzene-d4	152	10.583	10.583	0.000	97	421248	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

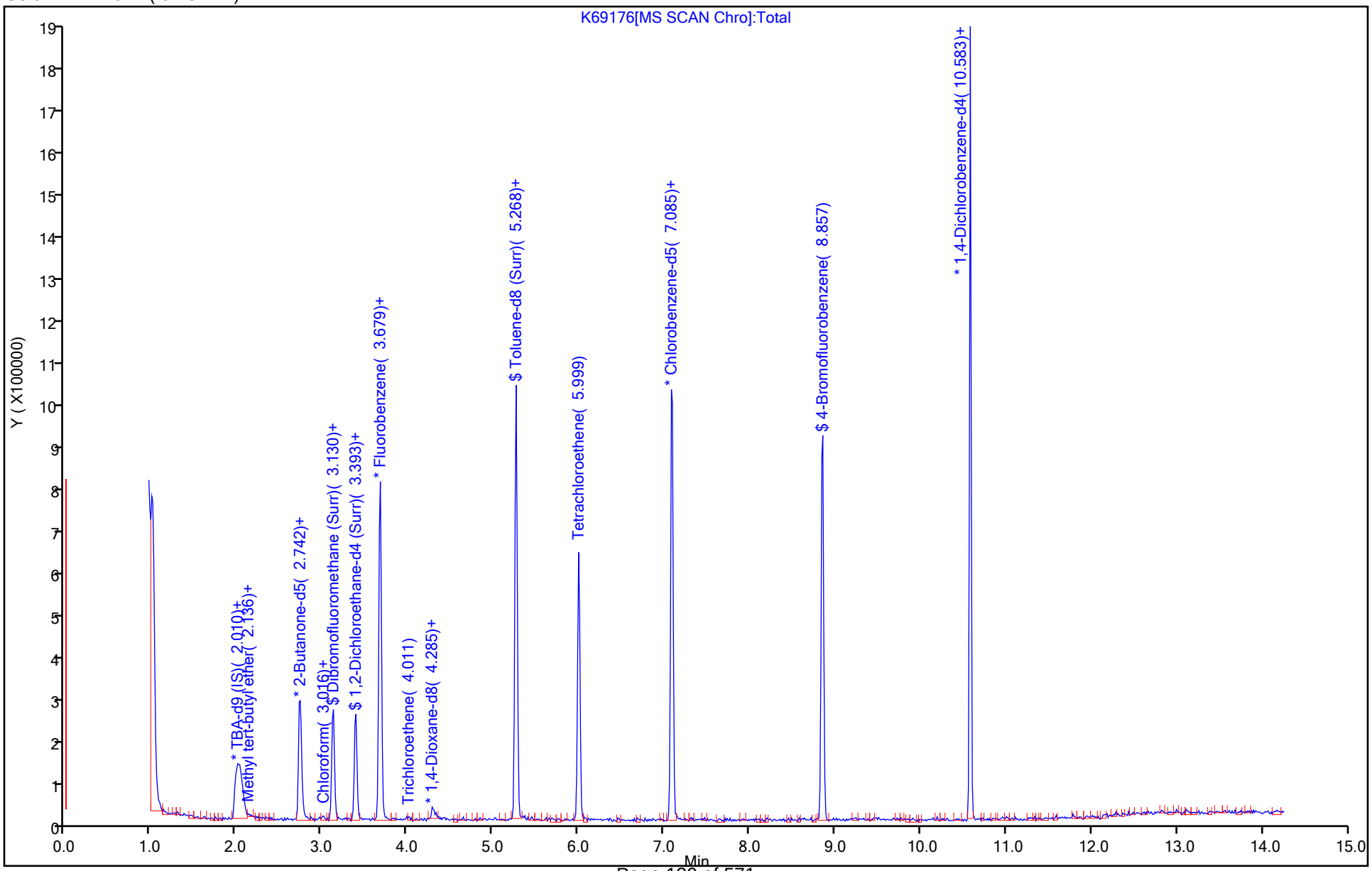
Report Date: 18-Mar-2025 10:30:41 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69176.D

Injection Date:	18-Mar-2025 03:27:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-322068-B-2	Lab Sample ID:	460-322068-2	Worklist Smp#:	23
Client ID:	MW-07_03122025				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Report Date: 18-Mar-2025 10:30:41 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69176.D
Lims ID: 460-322068-B-2
Client ID: MW-07_03122025
Sample Type: Client
Inject. Date: 18-Mar-2025 03:27:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-322068-B-2
Misc. Info.: 460-0188072-023
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:30:40 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: KG2Q Date: 18-Mar-2025 08:10:04

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	40.0	79.98
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	43.1	86.14
$ 83 Toluene-d8 (Surr)	50.0	43.7	87.42
$ 105 4-Bromofluorobenzene	50.0	52.8	105.62

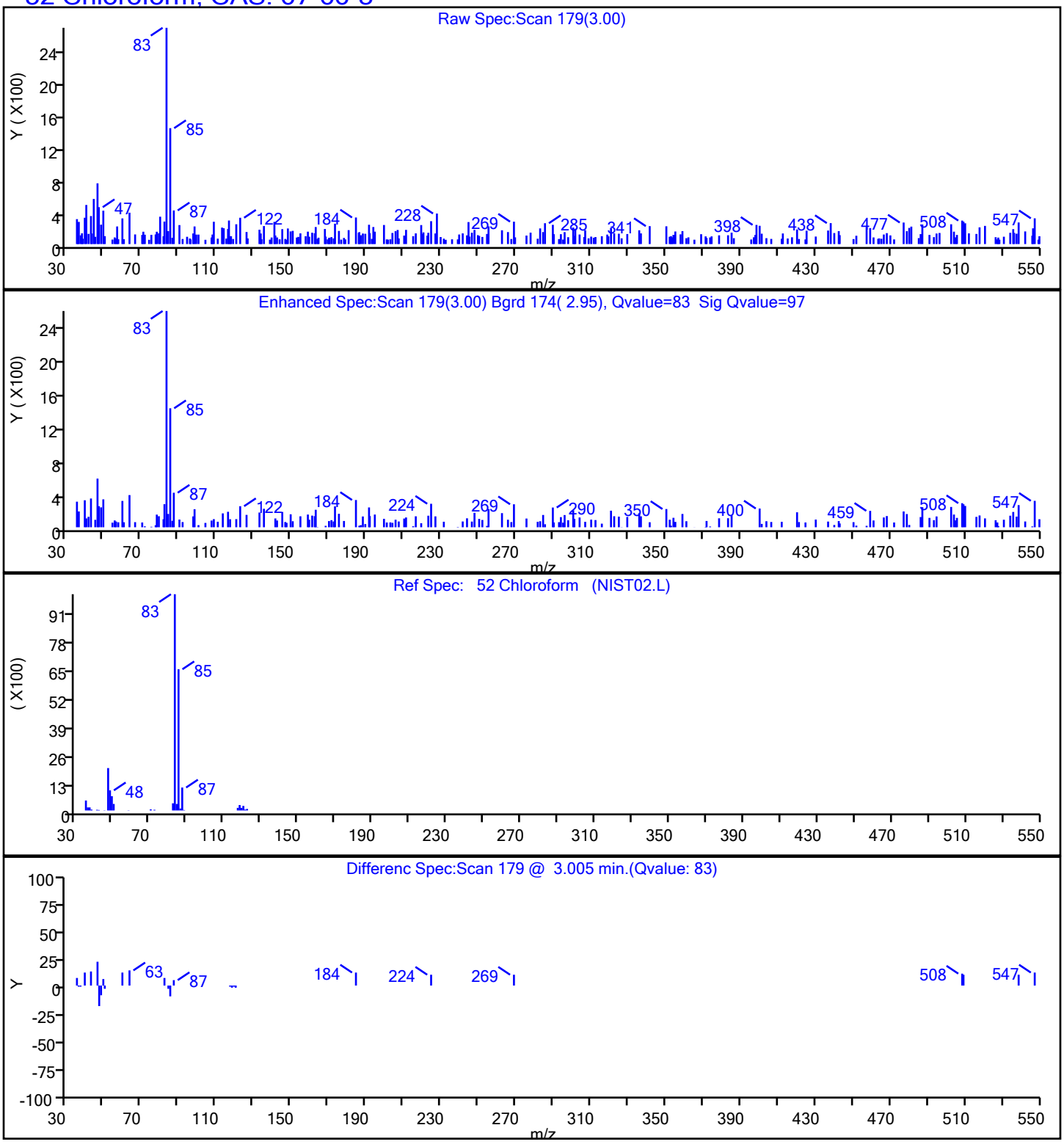
Report Date: 18-Mar-2025 10:30:42 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69176.D

Injection Date:	18-Mar-2025 03:27:30	Instrument ID:	CVOAMS9		
Lims ID:	460-322068-B-2	Lab Sample ID:	460-322068-2		
Client ID:	MW-07_03122025				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

52 Chloroform, CAS: 67-66-3



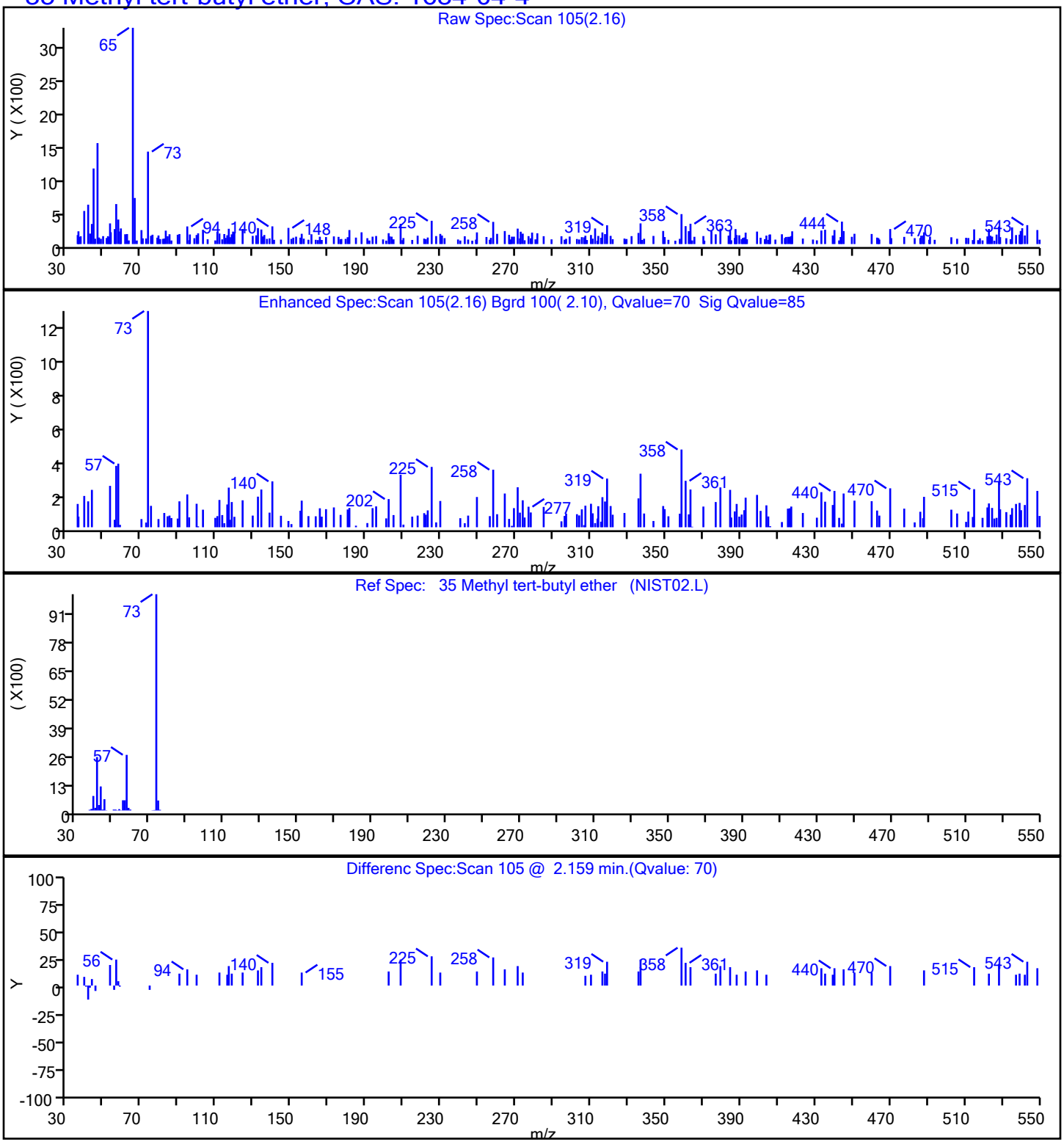
Report Date: 18-Mar-2025 10:30:42 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69176.D

Injection Date:	18-Mar-2025 03:27:30	Instrument ID:	CVOAMS9		
Lims ID:	460-322068-B-2	Lab Sample ID:	460-322068-2		
Client ID:	MW-07_03122025				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

35 Methyl tert-butyl ether, CAS: 1634-04-4



Report Date: 18-Mar-2025 10:30:42 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69176.D

Injection Date: 18-Mar-2025 03:27:30 Instrument ID: CVOAMS9

Lims ID: 460-322068-B-2 Lab Sample ID: 460-322068-2

Client ID: MW-07_03122025

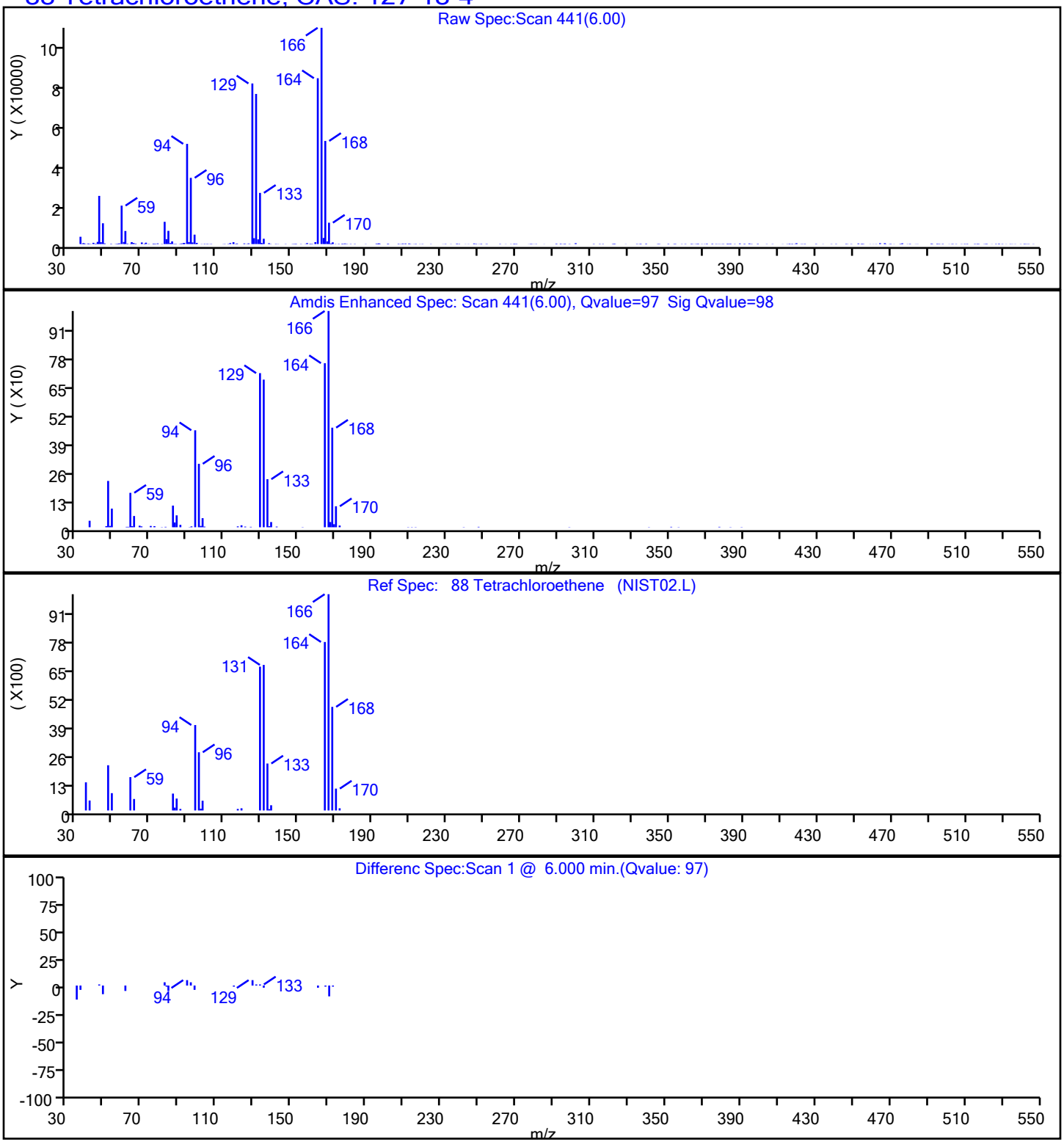
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



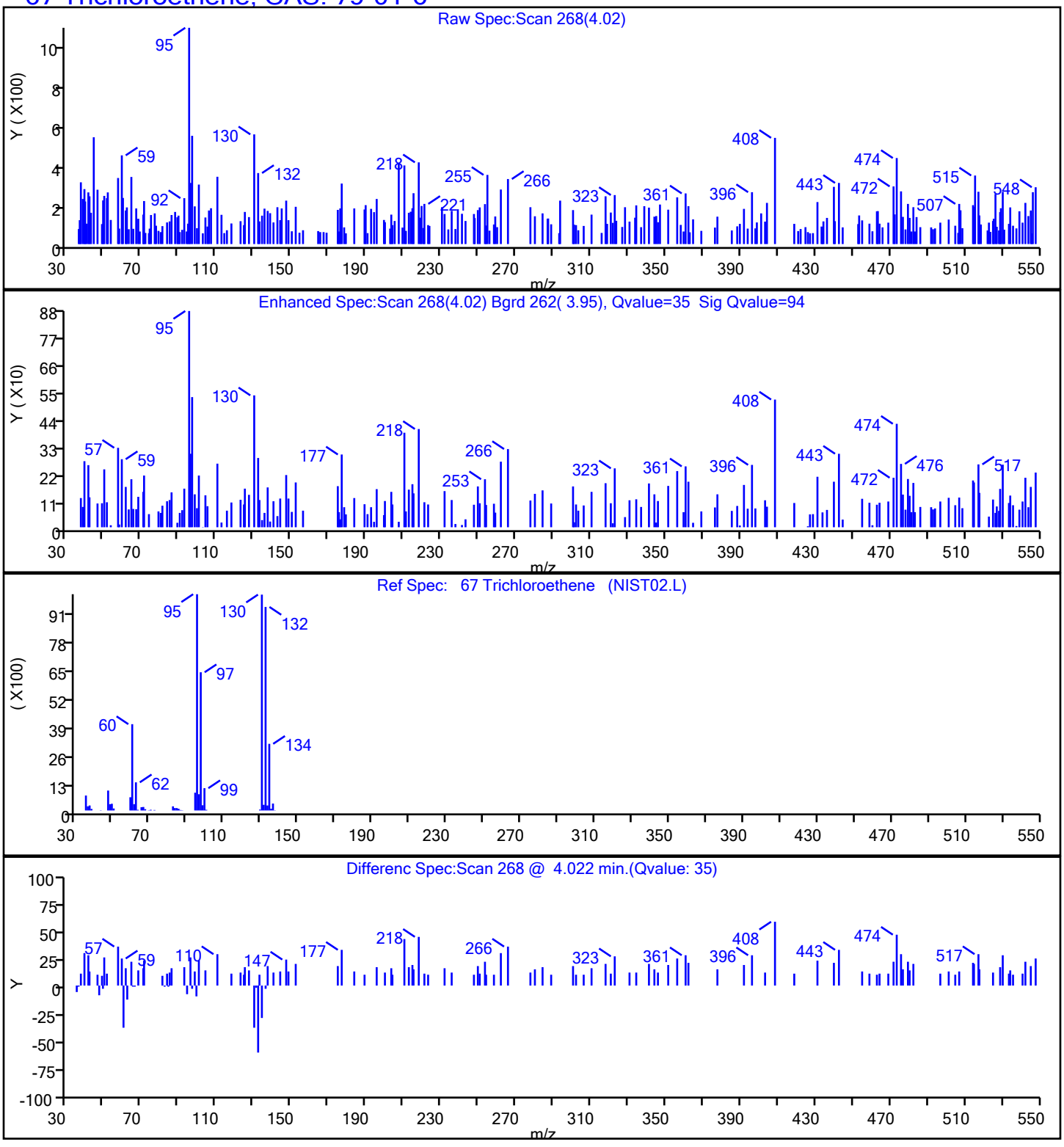
Report Date: 18-Mar-2025 10:30:42 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69176.D

Injection Date:	18-Mar-2025 03:27:30	Instrument ID:	CVOAMS9
Lims ID:	460-322068-B-2	Lab Sample ID:	460-322068-2
Client ID:	MW-07_03122025		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

67 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins Edison

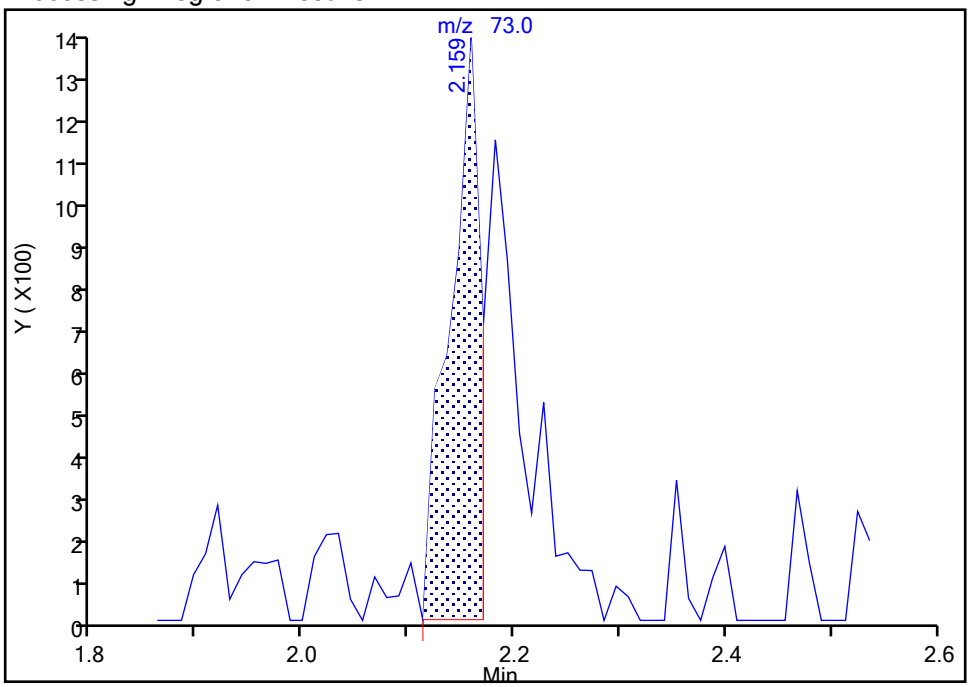
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69176.D				
Injection Date:	18-Mar-2025 03:27:30	Instrument ID:	CVOAMS9		
Lims ID:	460-322068-B-2	Lab Sample ID:	460-322068-2		
Client ID:	MW-07_03122025				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

35 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

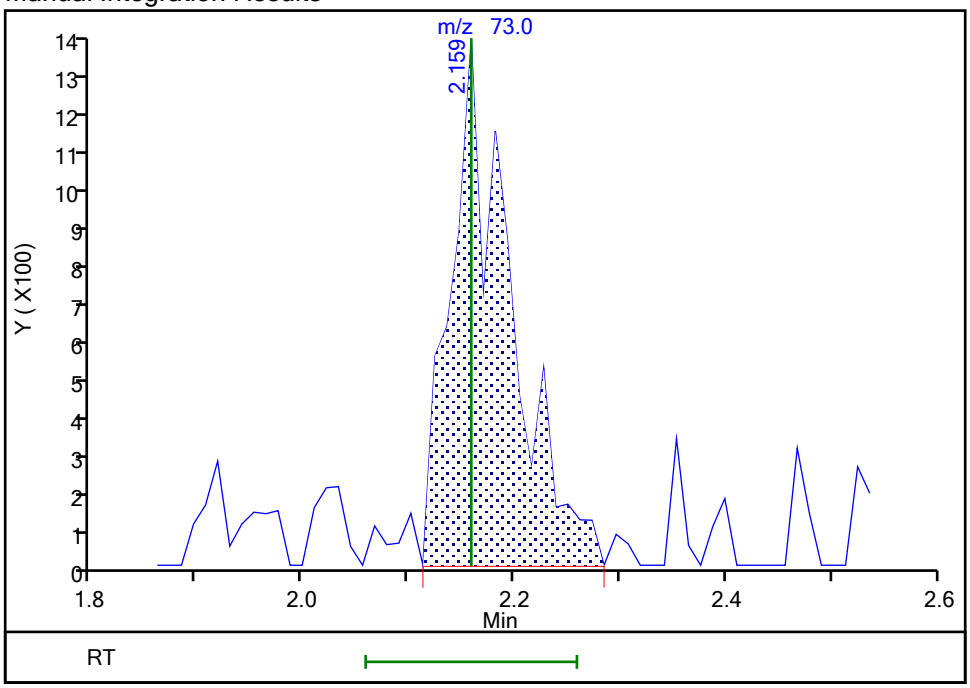
Processing Integration Results

RT: 2.16
Area: 2832
Amount: 0.206089
Amount Units: ug/l



Manual Integration Results

RT: 2.16
Area: 5404
Amount: 0.393257
Amount Units: ug/l



Reviewer: NN6A, 18-Mar-2025 10:30:29 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-06_03122025 | Lab Sample ID: 460-322068-3

Matrix: Water | Lab File ID: K69177.D

Analysis Method: 8260D | Date Collected: 03/12/2025 15:10

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 03:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.1		1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.54	J	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-06_03122025 | Lab Sample ID: 460-322068-3

Matrix: Water | Lab File ID: K69177.D

Analysis Method: 8260D | Date Collected: 03/12/2025 15:10

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 03:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.28	J	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	59		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.74		0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-06_03122025 | Lab Sample ID: 460-322068-3

Matrix: Water | Lab File ID: K69177.D

Analysis Method: 8260D | Date Collected: 03/12/2025 15:10

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 03:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-132
2037-26-5	Toluene-d8 (Surr)	93		80-120

Report Date: 18-Mar-2025 10:31:19 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69177.D
Lims ID: 460-322068-B-3
Client ID: MW-06_03122025
Sample Type: Client
Inject. Date: 18-Mar-2025 03:51:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-322068-B-3
Misc. Info.: 460-0188072-024
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:31:19 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: KG2Q Date: 18-Mar-2025 08:10:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.033	1.999	0.034	99	485239	1000.0	
35 Methyl tert-butyl ether	73	2.136	2.159	-0.023	27	3689	0.2767	M
* 43 2-Butanone-d5	46	2.742	2.730	0.012	100	442887	250.0	
45 cis-1,2-Dichloroethene	96	2.788	2.776	0.012	40	2514	0.5358	
52 Chloroform	83	3.005	3.005	0.000	96	7893	1.10	
$ 53 Dibromofluoromethane (Surr)	113	3.131	3.119	0.011	96	194339	43.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.382	0.011	97	192756	44.4	
* 65 Fluorobenzene	96	3.679	3.668	0.011	99	834927	50.0	
67 Trichloroethene	95	4.011	3.999	0.012	62	3079	0.7382	
* 72 1,4-Dioxane-d8	96	4.296	4.285	0.011	40	41121	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	99	774281	46.4	
88 Tetrachloroethene	166	5.999	5.999	0.000	98	273502	59.5	
* 94 Chlorobenzene-d5	117	7.097	7.085	0.012	86	676210	50.0	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	89	304730	53.0	
* 120 1,4-Dichlorobenzene-d4	152	10.583	10.583	0.000	96	403540	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

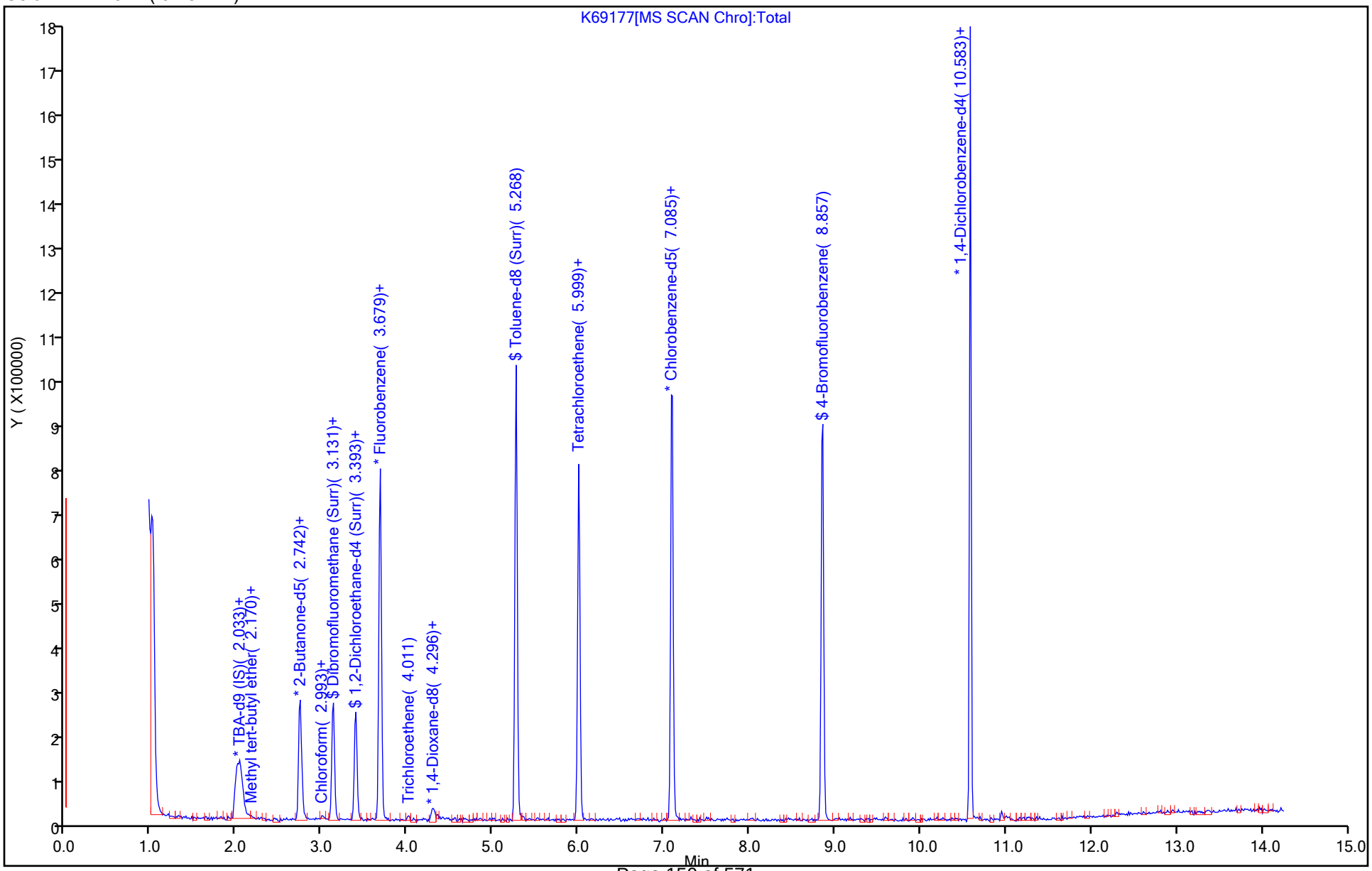
Report Date: 18-Mar-2025 10:31:19 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69177.D

Injection Date:	18-Mar-2025 03:51:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-322068-B-3	Lab Sample ID:	460-322068-3	Worklist Smp#:	24
Client ID:	MW-06_03122025				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Report Date: 18-Mar-2025 10:31:19 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69177.D
Lims ID: 460-322068-B-3
Client ID: MW-06_03122025
Sample Type: Client
Inject. Date: 18-Mar-2025 03:51:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-322068-B-3
Misc. Info.: 460-0188072-024
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:31:19 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: KG2Q Date: 18-Mar-2025 08:10:24

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.1	86.22
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.4	88.75
$ 83 Toluene-d8 (Surr)	50.0	46.4	92.78
$ 105 4-Bromofluorobenzene	50.0	53.0	105.93

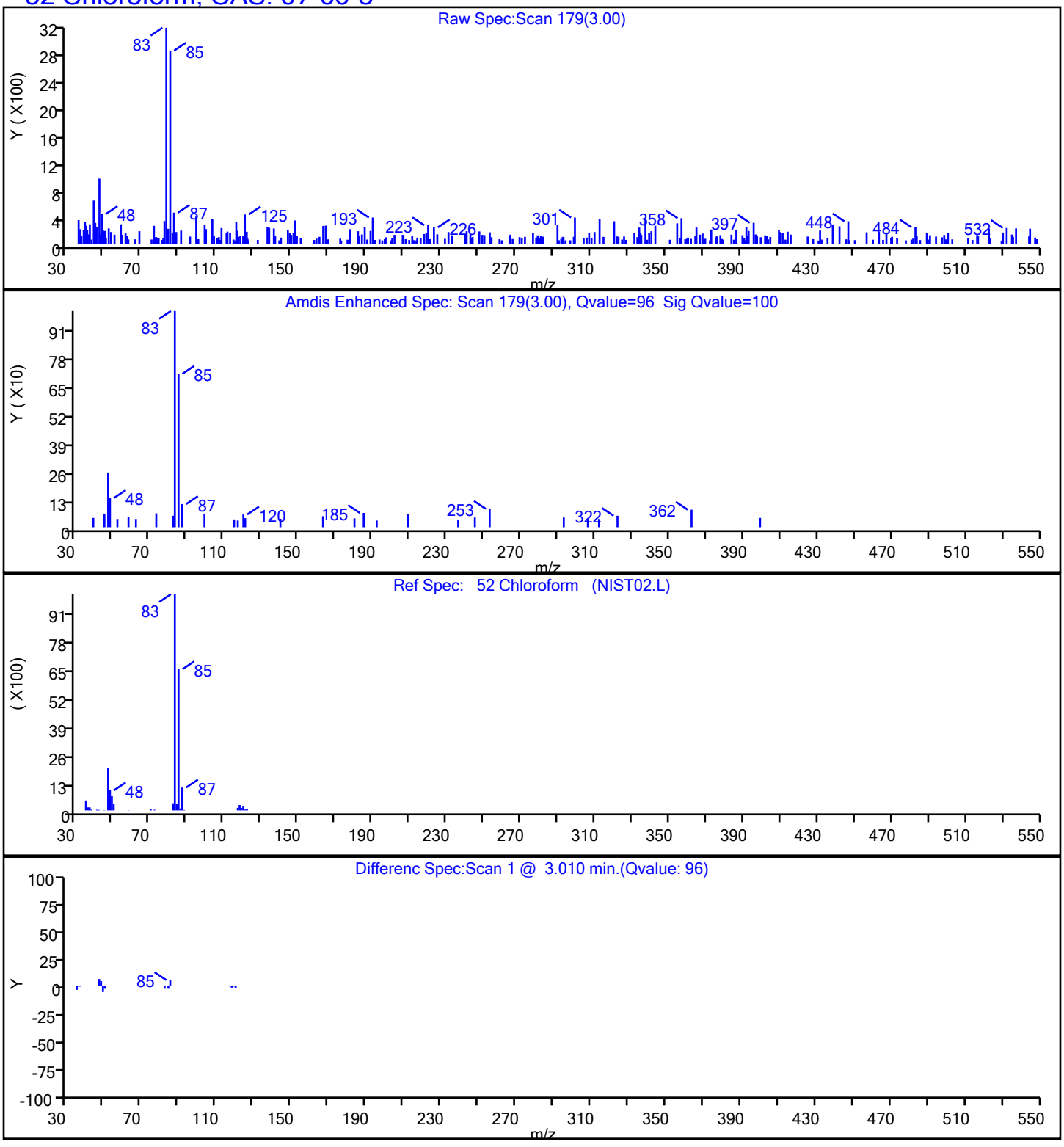
Report Date: 18-Mar-2025 10:31:20 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69177.D

Injection Date:	18-Mar-2025 03:51:30	Instrument ID:	CVOAMS9		
Lims ID:	460-322068-B-3	Lab Sample ID:	460-322068-3		
Client ID:	MW-06_03122025				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

52 Chloroform, CAS: 67-66-3



Report Date: 18-Mar-2025 10:31:20 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69177.D

Injection Date: 18-Mar-2025 03:51:30 Instrument ID: CVOAMS9

Lims ID: 460-322068-B-3 Lab Sample ID: 460-322068-3

Client ID: MW-06_03122025

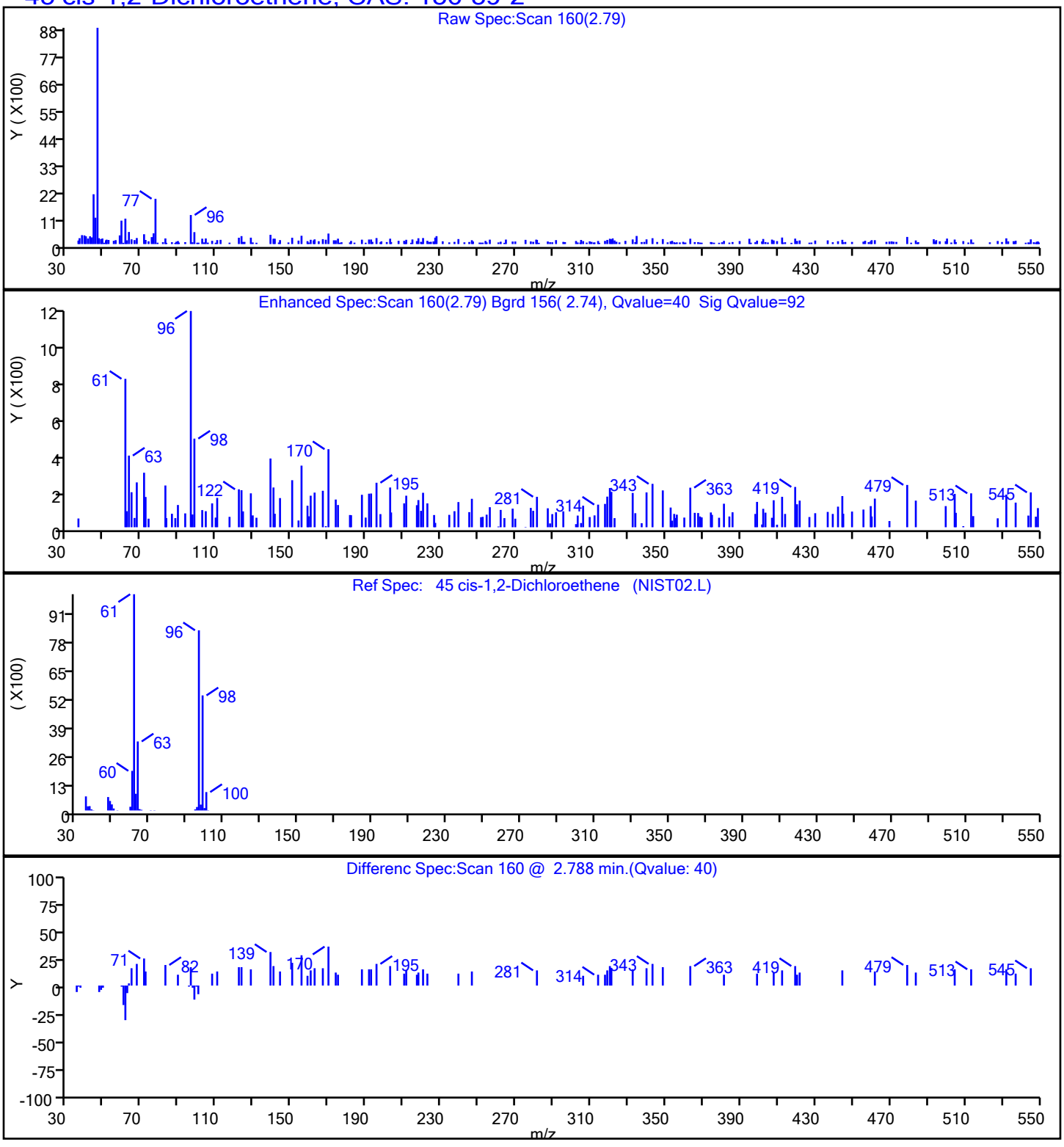
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

45 cis-1,2-Dichloroethene, CAS: 156-59-2



Report Date: 18-Mar-2025 10:31:20 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69177.D

Injection Date: 18-Mar-2025 03:51:30 Instrument ID: CVOAMS9

Lims ID: 460-322068-B-3 Lab Sample ID: 460-322068-3

Client ID: MW-06_03122025

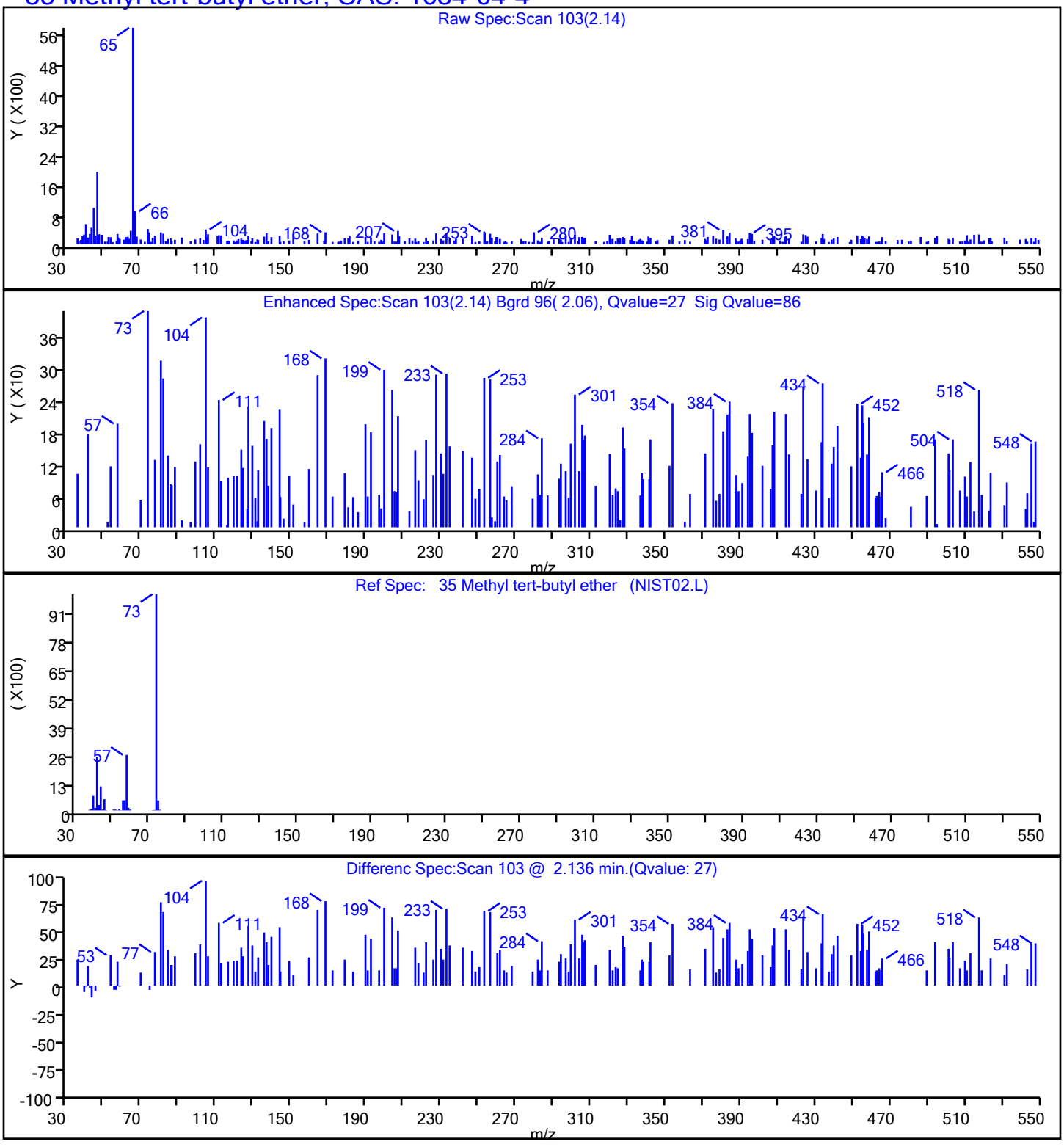
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

35 Methyl tert-butyl ether, CAS: 1634-04-4



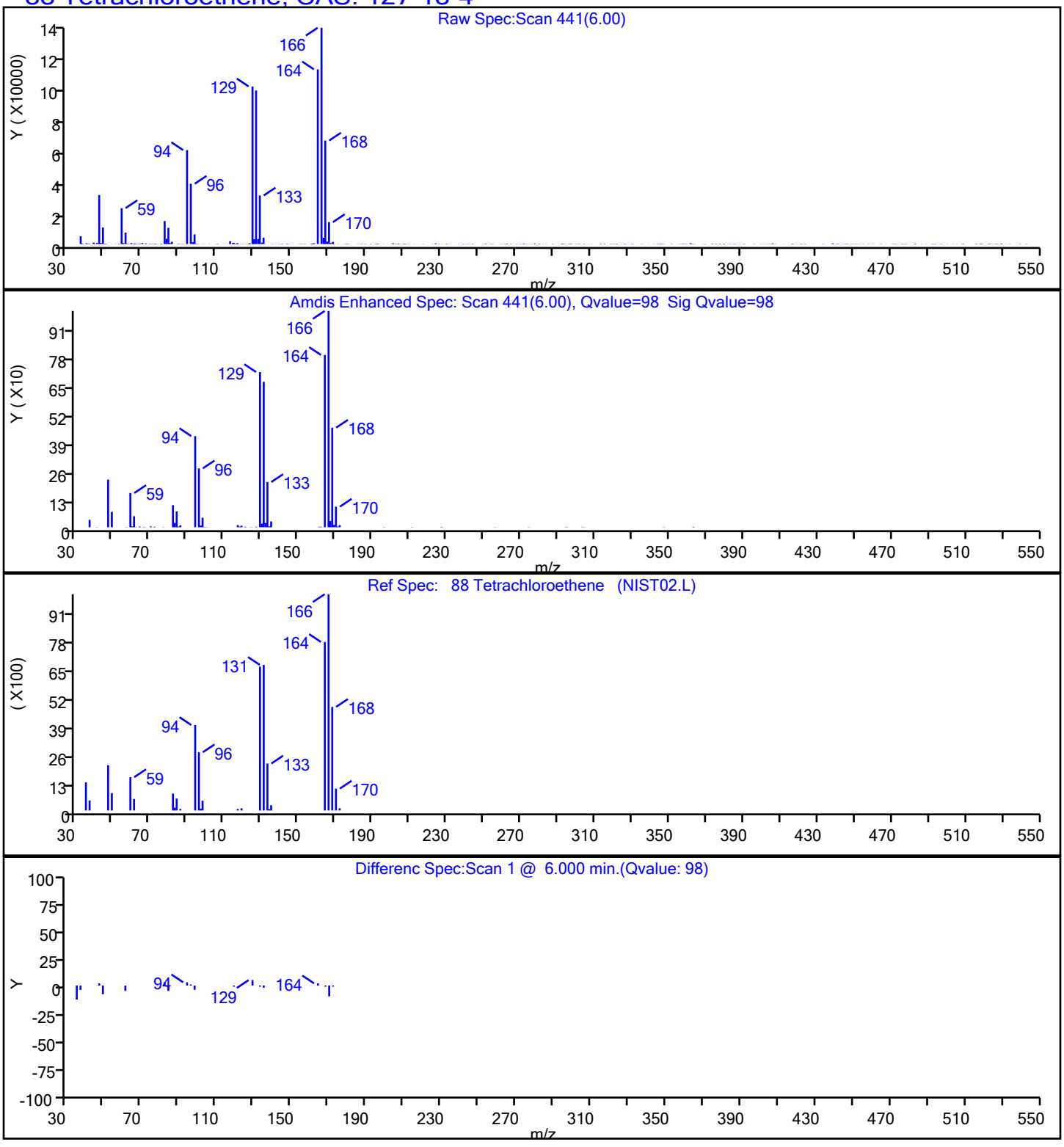
Report Date: 18-Mar-2025 10:31:20 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69177.D

Injection Date:	18-Mar-2025 03:51:30	Instrument ID:	CVOAMS9
Lims ID:	460-322068-B-3	Lab Sample ID:	460-322068-3
Client ID:	MW-06_03122025		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



Report Date: 18-Mar-2025 10:31:20 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69177.D

Injection Date: 18-Mar-2025 03:51:30 Instrument ID: CVOAMS9

Lims ID: 460-322068-B-3 Lab Sample ID: 460-322068-3

Client ID: MW-06_03122025

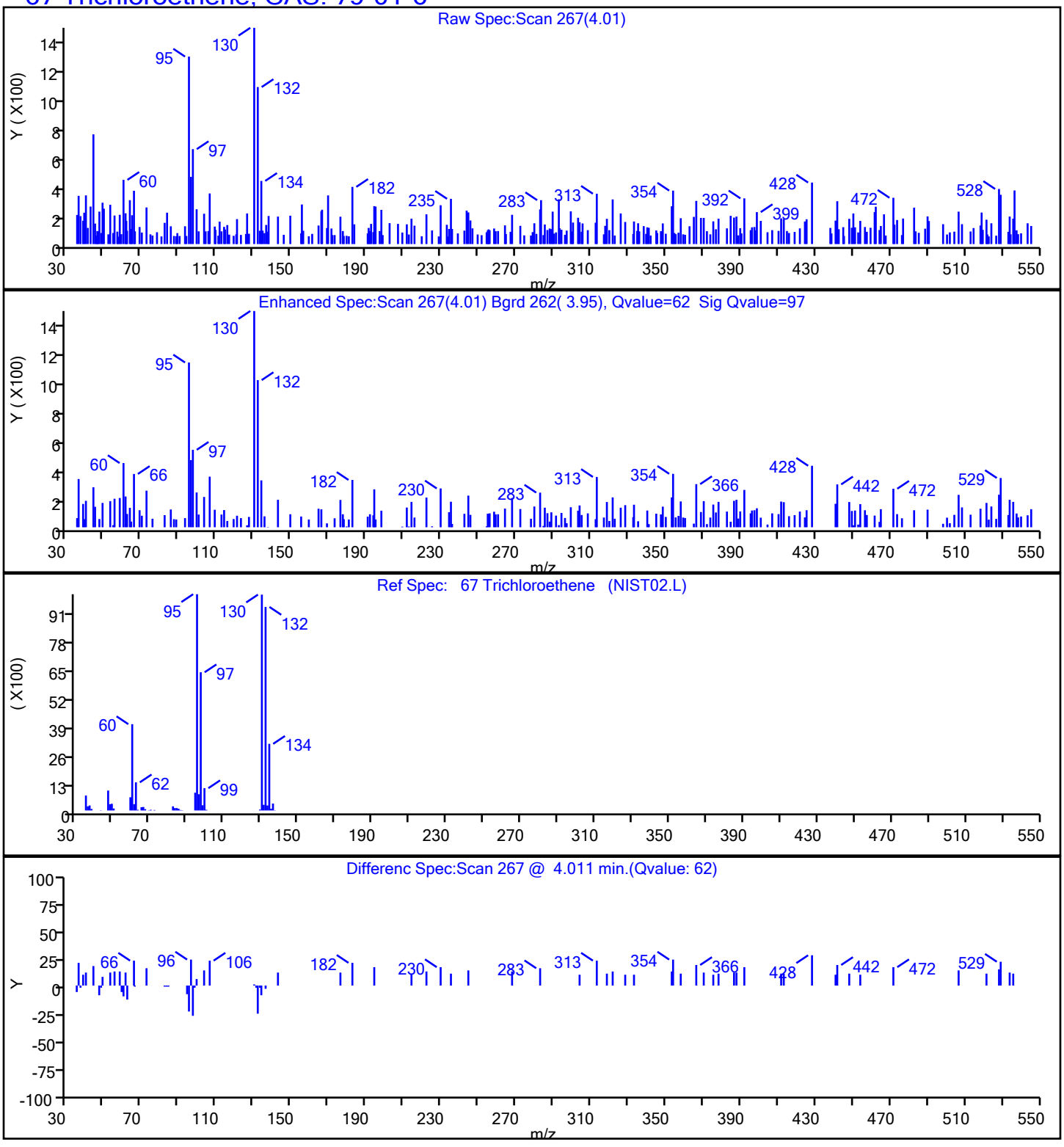
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

67 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins Edison

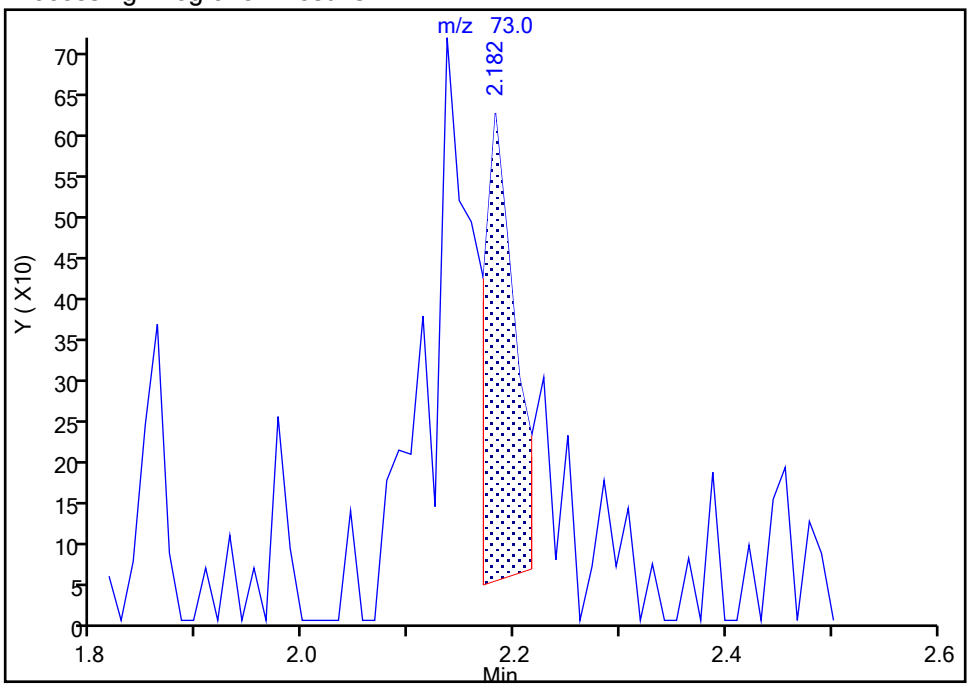
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69177.D				
Injection Date:	18-Mar-2025 03:51:30	Instrument ID:	CVOAMS9		
Lims ID:	460-322068-B-3	Lab Sample ID:	460-322068-3		
Client ID:	MW-06_03122025				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

35 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

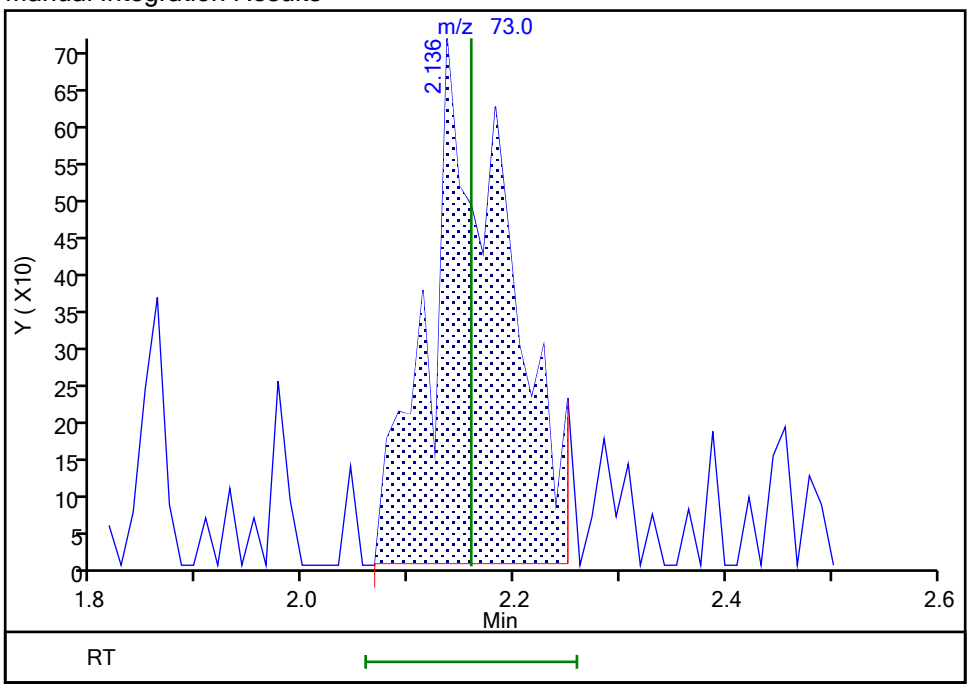
Processing Integration Results

RT: 2.18
Area: 1213
Amount: 0.090976
Amount Units: ug/l



Manual Integration Results

RT: 2.14
Area: 3689
Amount: 0.276678
Amount Units: ug/l



Reviewer: NN6A, 18-Mar-2025 10:31:03 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: DUP-01_03122025 | Lab Sample ID: 460-322068-4

Matrix: Water | Lab File ID: K69178.D

Analysis Method: 8260D | Date Collected: 03/12/2025 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 04:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.21	J	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.72	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: DUP-01_03122025 | Lab Sample ID: 460-322068-4

Matrix: Water | Lab File ID: K69178.D

Analysis Method: 8260D | Date Collected: 03/12/2025 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 04:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.39	J	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	44		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.72		0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: DUP-01_03122025 | Lab Sample ID: 460-322068-4

Matrix: Water | Lab File ID: K69178.D

Analysis Method: 8260D | Date Collected: 03/12/2025 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 04:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	81		77-132
2037-26-5	Toluene-d8 (Surr)	88		80-120

Report Date: 18-Mar-2025 10:32:04 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69178.D
Lims ID: 460-322068-B-4
Client ID: DUP-01_03122025
Sample Type: Client
Inject. Date: 18-Mar-2025 04:15:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-322068-B-4
Misc. Info.: 460-0188072-025
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:31:19 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: KG2Q Date: 18-Mar-2025 08:10:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.022	1.999	0.023	99	512081	1000.0	
35 Methyl tert-butyl ether	73	2.159	2.159	0.000	52	5859	0.3878	
* 43 2-Butanone-d5	46	2.742	2.730	0.012	100	505889	250.0	
45 cis-1,2-Dichloroethene	96	2.787	2.776	0.011	10	1643	0.3090	
52 Chloroform	83	3.016	3.005	0.011	52	5873	0.7198	
$ 53 Dibromofluoromethane (Surr)	113	3.130	3.119	0.011	95	205607	40.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.382	0.011	96	212627	43.2	
* 65 Fluorobenzene	96	3.679	3.668	0.011	98	945996	50.0	
67 Trichloroethene	95	4.010	3.999	0.011	66	3424	0.7245	
* 72 1,4-Dioxane-d8	96	4.296	4.285	0.011	41	45485	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	99	808800	43.8	
87 1,1,2-Trichloroethane	83	5.828	5.828	0.000	1	697	0.2114	
88 Tetrachloroethene	166	5.999	5.999	0.000	97	223013	43.8	
* 94 Chlorobenzene-d5	117	7.096	7.085	0.011	88	747571	50.0	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	90	316700	49.8	
* 120 1,4-Dichlorobenzene-d4	152	10.583	10.583	0.000	95	407235	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00253 Amount Added: 1.00 Units: uL Run Reagent

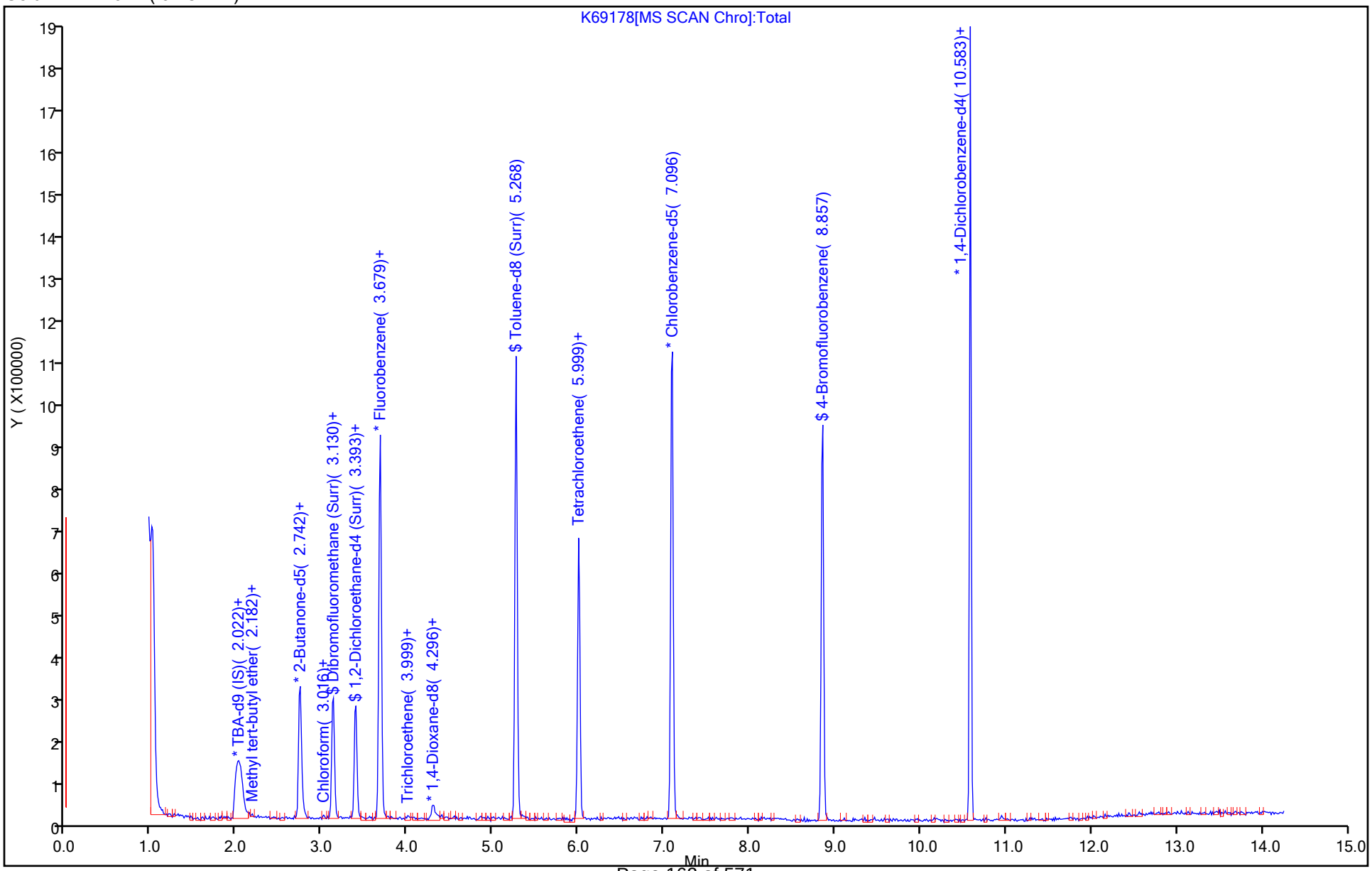
Report Date: 18-Mar-2025 10:32:04 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69178.D

Injection Date:	18-Mar-2025 04:15:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-322068-B-4	Lab Sample ID:	460-322068-4	Worklist Smp#:	25
Client ID:	DUP-01_03122025				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Report Date: 18-Mar-2025 10:32:04 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69178.D
Lims ID: 460-322068-B-4
Client ID: DUP-01_03122025
Sample Type: Client
Inject. Date: 18-Mar-2025 04:15:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-322068-B-4
Misc. Info.: 460-0188072-025
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:31:19 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: KG2Q Date: 18-Mar-2025 08:10:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	40.3	80.51
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	43.2	86.41
$ 83 Toluene-d8 (Surr)	50.0	43.8	87.67
$ 105 4-Bromofluorobenzene	50.0	49.8	99.58

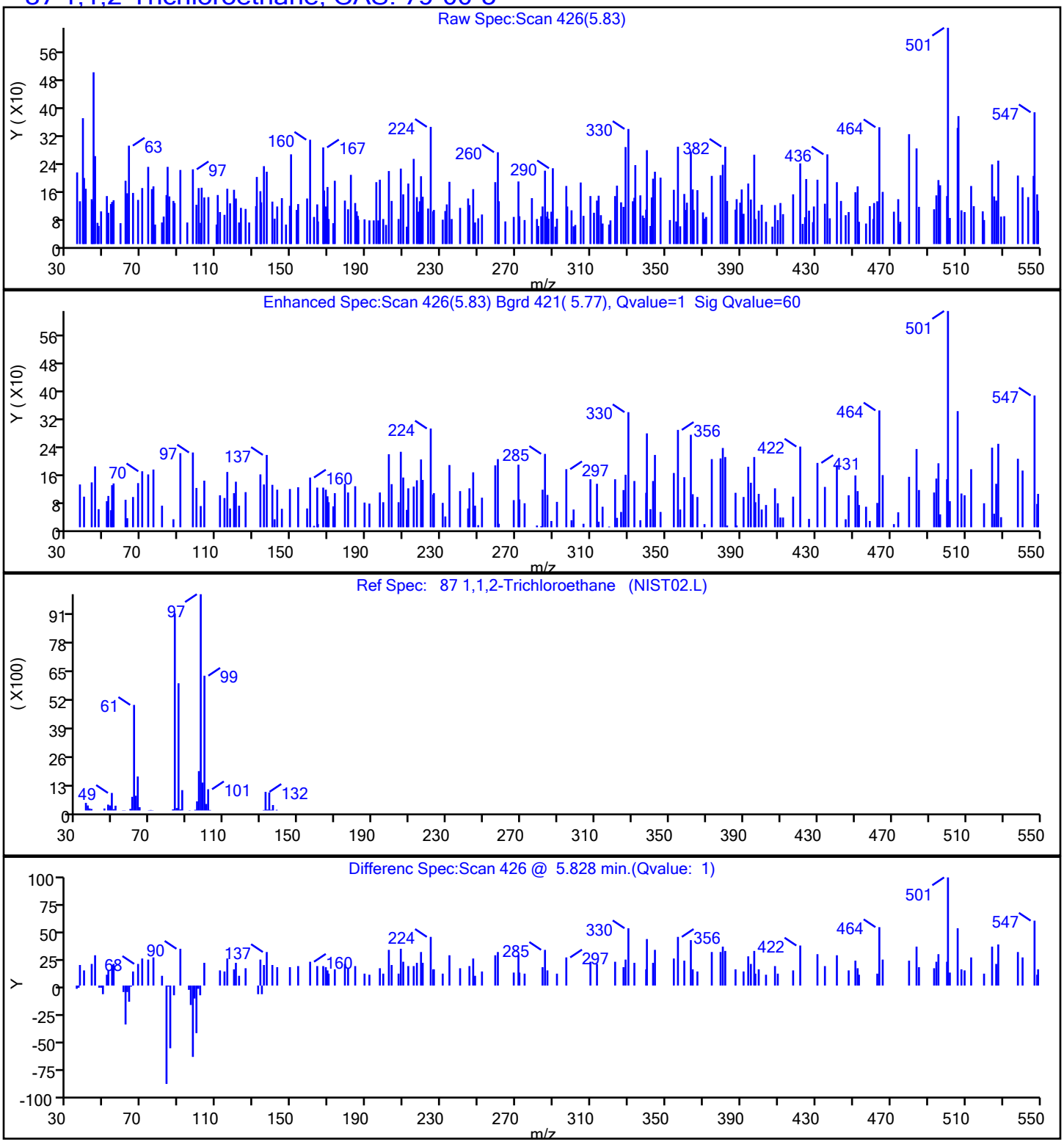
Report Date: 18-Mar-2025 10:32:05 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69178.D

Injection Date:	18-Mar-2025 04:15:30	Instrument ID:	CVOAMS9		
Lims ID:	460-322068-B-4	Lab Sample ID:	460-322068-4		
Client ID:	DUP-01_03122025				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

87 1,1,2-Trichloroethane, CAS: 79-00-5



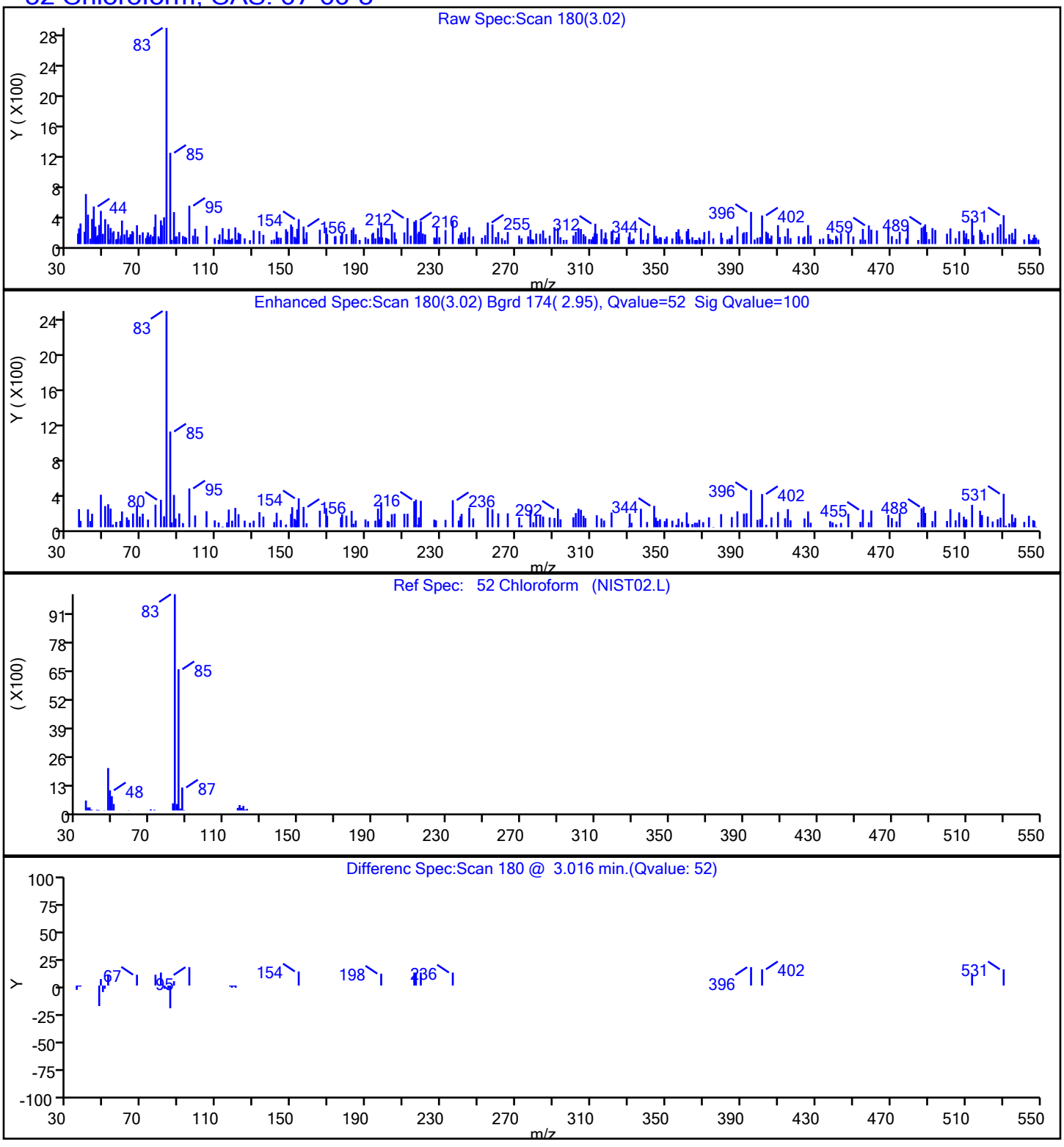
Report Date: 18-Mar-2025 10:32:05 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69178.D

Injection Date:	18-Mar-2025 04:15:30	Instrument ID:	CVOAMS9		
Lims ID:	460-322068-B-4	Lab Sample ID:	460-322068-4		
Client ID:	DUP-01_03122025				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

52 Chloroform, CAS: 67-66-3



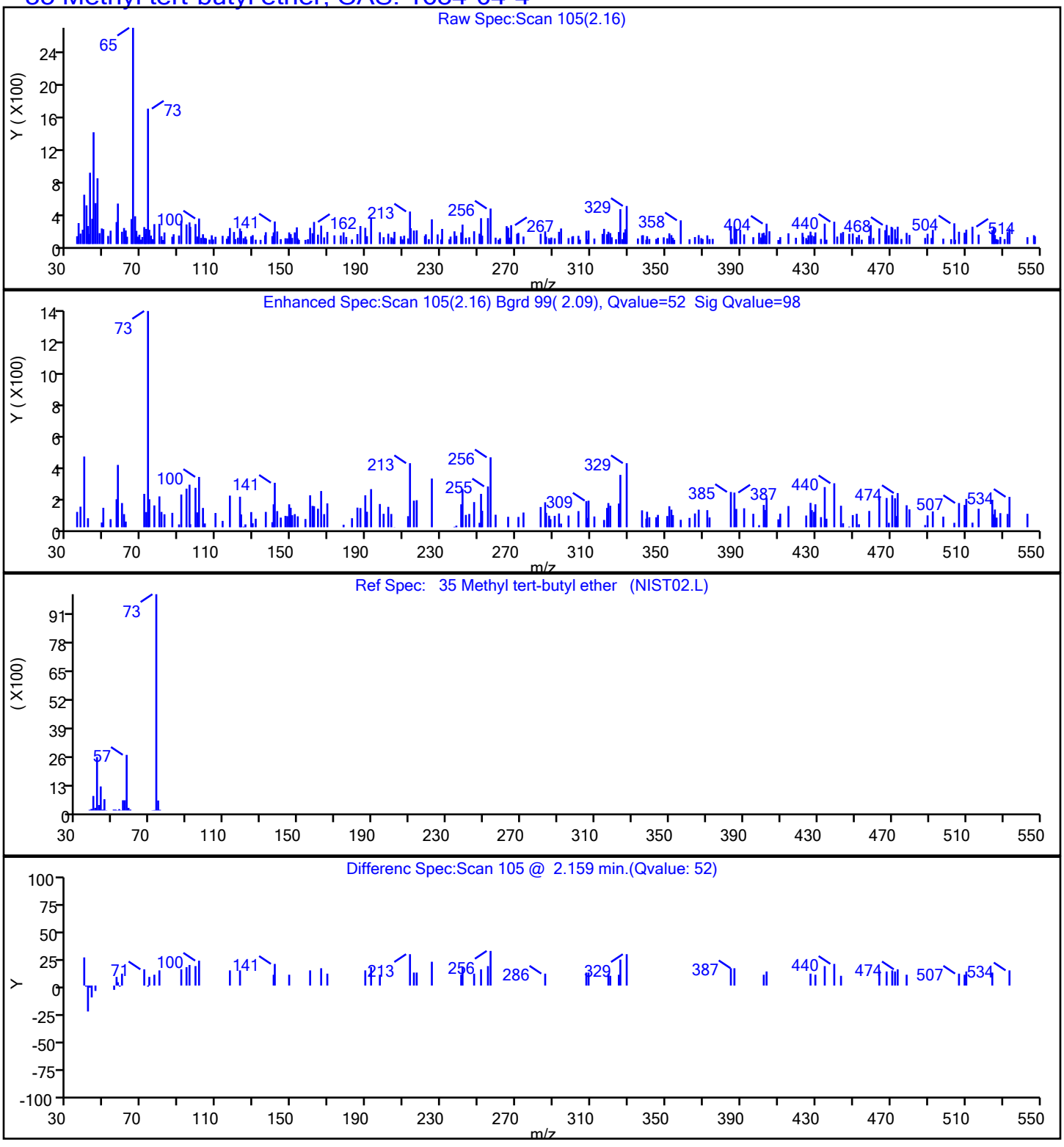
Report Date: 18-Mar-2025 10:32:05 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69178.D

Injection Date:	18-Mar-2025 04:15:30	Instrument ID:	CVOAMS9		
Lims ID:	460-322068-B-4	Lab Sample ID:	460-322068-4		
Client ID:	DUP-01_03122025				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

35 Methyl tert-butyl ether, CAS: 1634-04-4



Report Date: 18-Mar-2025 10:32:05 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69178.D

Injection Date: 18-Mar-2025 04:15:30 Instrument ID: CVOAMS9

Lims ID: 460-322068-B-4 Lab Sample ID: 460-322068-4

Client ID: DUP-01_03122025

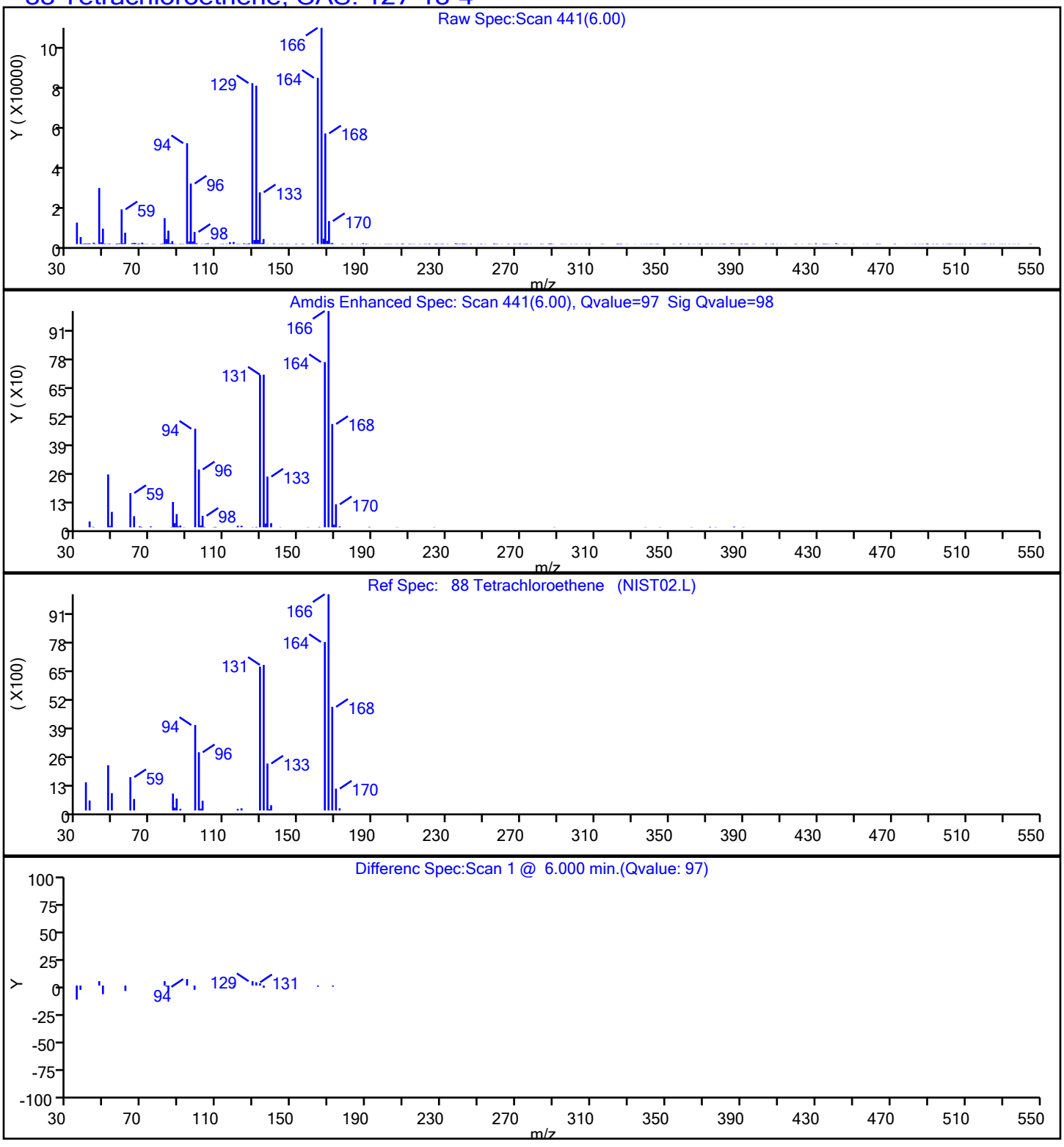
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



Report Date: 18-Mar-2025 10:32:05 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69178.D

Injection Date: 18-Mar-2025 04:15:30 Instrument ID: CVOAMS9

Lims ID: 460-322068-B-4 Lab Sample ID: 460-322068-4

Client ID: DUP-01_03122025

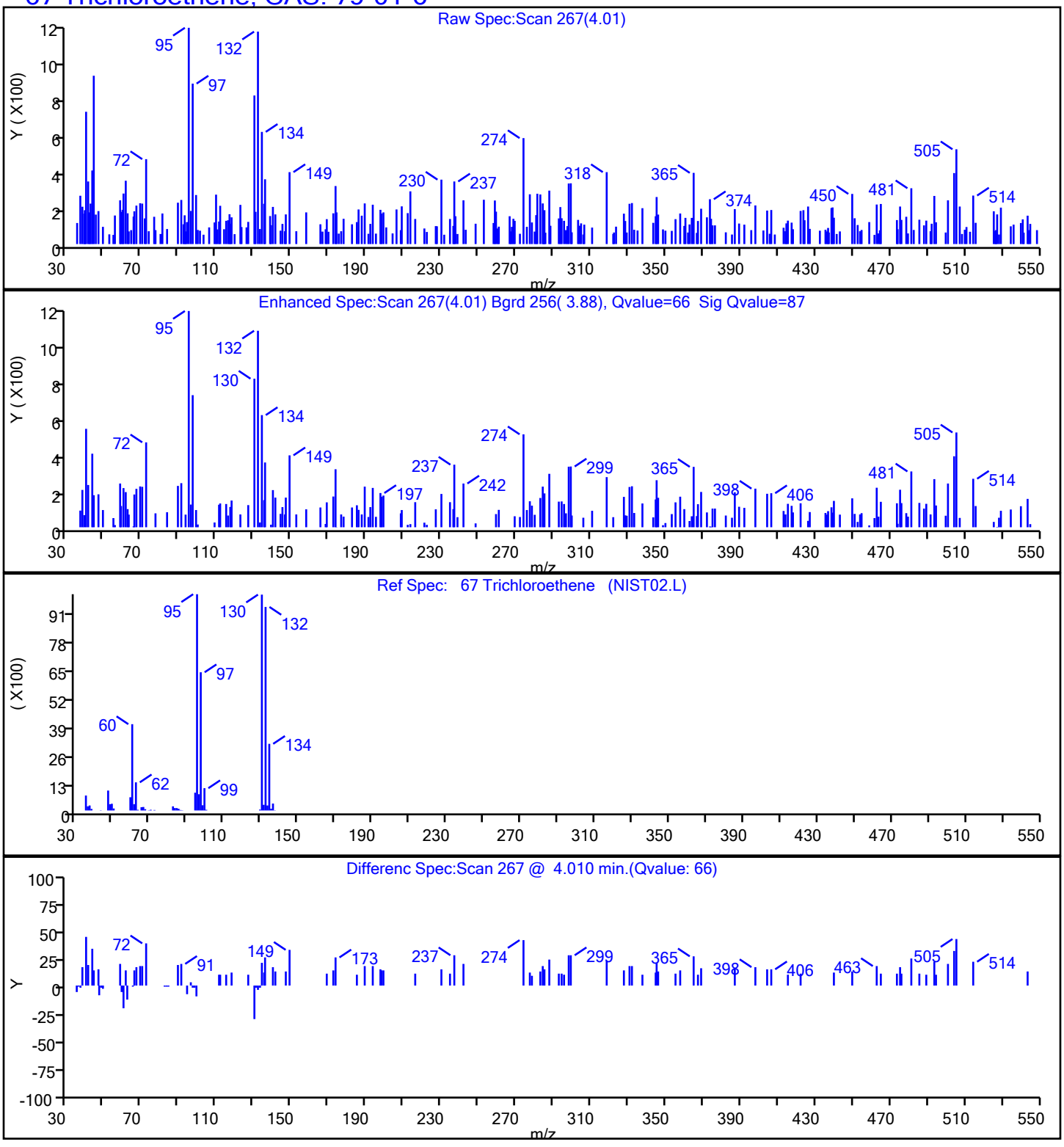
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

67 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: FB-01_03122025 | Lab Sample ID: 460-322068-5

Matrix: Water | Lab File ID: K69165.D

Analysis Method: 8260D | Date Collected: 03/12/2025 15:20

Sample wt/vol: 5(mL) | Date Analyzed: 03/17/2025 22:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: FB-01_03122025 | Lab Sample ID: 460-322068-5

Matrix: Water | Lab File ID: K69165.D

Analysis Method: 8260D | Date Collected: 03/12/2025 15:20

Sample wt/vol: 5(mL) | Date Analyzed: 03/17/2025 22:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	0.56	J	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: FB-01_03122025 | Lab Sample ID: 460-322068-5

Matrix: Water | Lab File ID: K69165.D

Analysis Method: 8260D | Date Collected: 03/12/2025 15:20

Sample wt/vol: 5(mL) | Date Analyzed: 03/17/2025 22:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	85		77-132
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69165.D
Lims ID: 460-322068-A-5
Client ID: FB-01_03122025
Sample Type: Client
Inject. Date: 17-Mar-2025 22:59:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-322068-A-5
Misc. Info.: 460-0188072-012
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:26:14 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: C1JX Date: 17-Mar-2025 23:17:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.022	1.999	0.023	100	488073	1000.0	
* 43 2-Butanone-d5	46	2.742	2.730	0.012	100	463715	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.130	3.119	0.011	94	205336	42.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.382	0.011	97	215777	46.3	
* 65 Fluorobenzene	96	3.679	3.668	0.011	99	896624	50.0	
* 72 1,4-Dioxane-d8	96	4.285	4.285	0.000	41	46830	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	100	833022	46.6	
84 Toluene	91	5.348	5.336	0.012	53	10885	0.5571	
* 94 Chlorobenzene-d5	117	7.096	7.085	0.011	87	724681	50.0	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	88	314122	50.9	
* 120 1,4-Dichlorobenzene-d4	152	10.582	10.583	-0.001	96	387535	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00253 Amount Added: 1.00 Units: uL Run Reagent

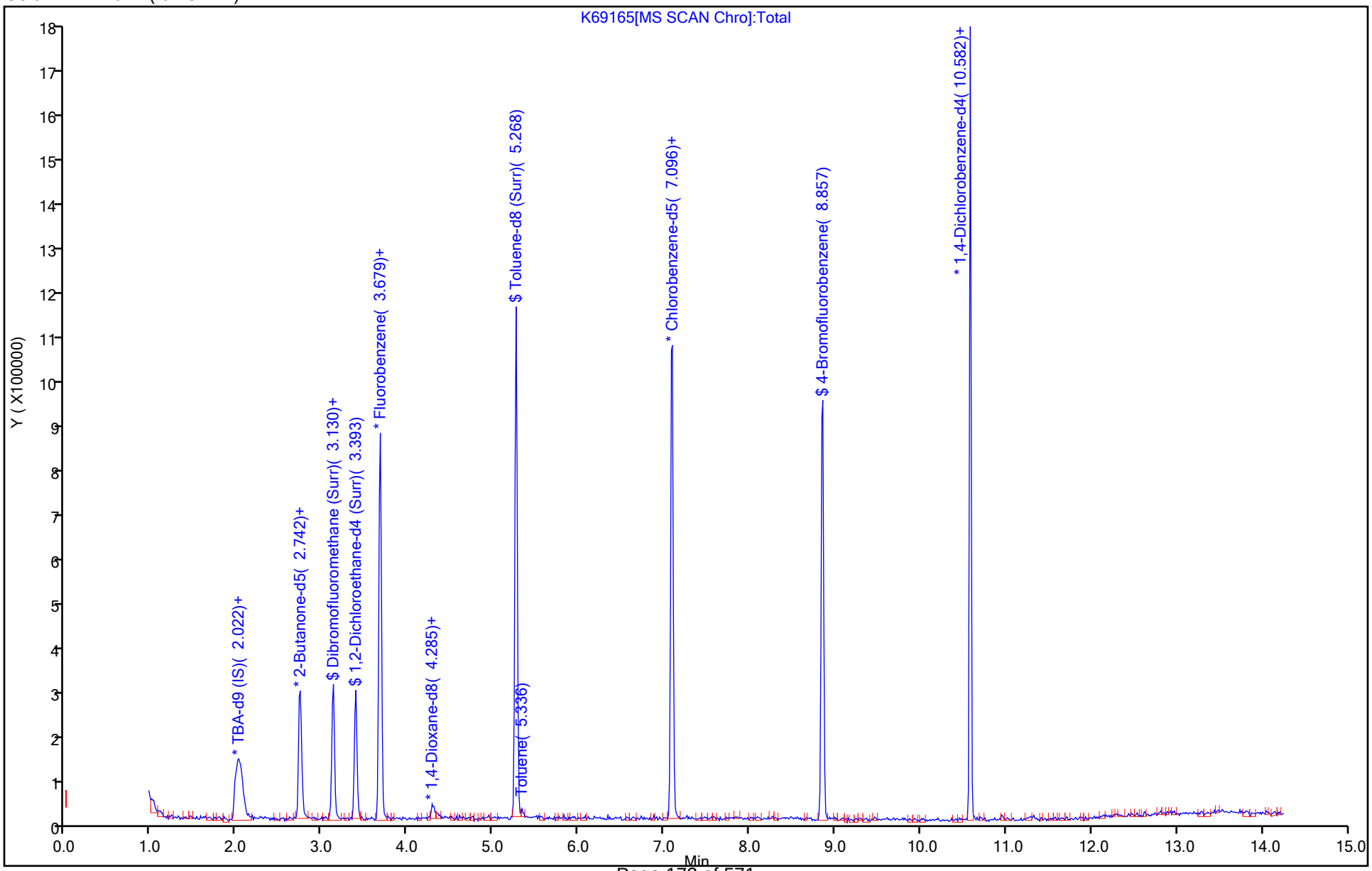
Report Date: 18-Mar-2025 10:26:14 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69165.D

Injection Date:	17-Mar-2025 22:59:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-322068-A-5	Lab Sample ID:	460-322068-5	Worklist Smp#:	12
Client ID:	FB-01_03122025				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69165.D				
Lims ID:	460-322068-A-5				
Client ID:	FB-01_03122025				
Sample Type:	Client				
Inject. Date:	17-Mar-2025 22:59:30	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-322068-A-5				
Misc. Info.:	460-0188072-012				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	18-Mar-2025 10:26:14	Calib Date:	20-Feb-2025 15:17:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1692				

First Level Reviewer: C1JX Date: 17-Mar-2025 23:17:43

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	42.4	84.83
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	46.3	92.52
$ 83 Toluene-d8 (Surr)	50.0	46.6	93.14
$ 105 4-Bromofluorobenzene	50.0	50.9	101.89

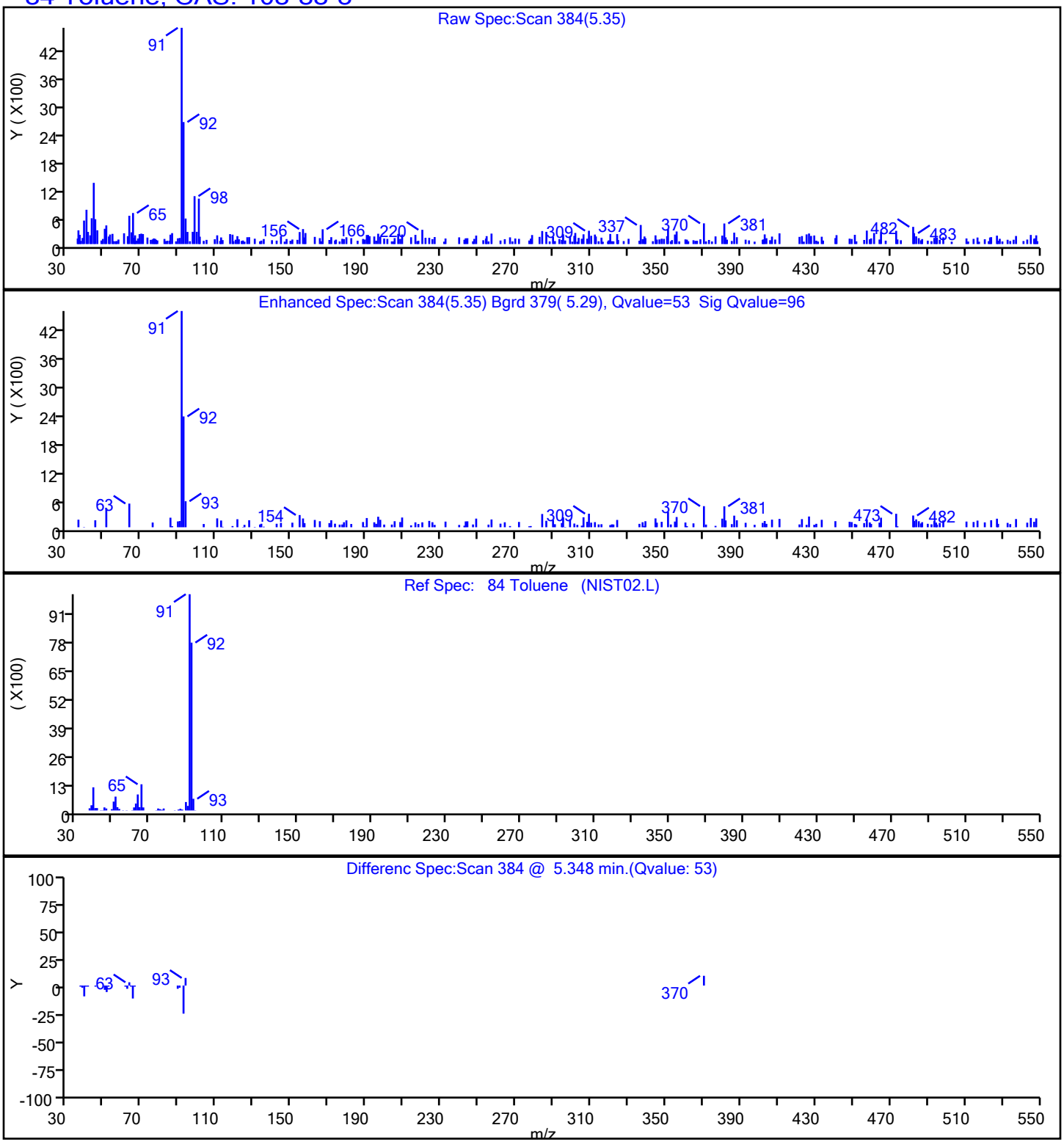
Report Date: 18-Mar-2025 10:26:15 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69165.D

Injection Date:	17-Mar-2025 22:59:30	Instrument ID:	CVOAMS9
Lims ID:	460-322068-A-5	Lab Sample ID:	460-322068-5
Client ID:	FB-01_03122025		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

84 Toluene, CAS: 108-88-3



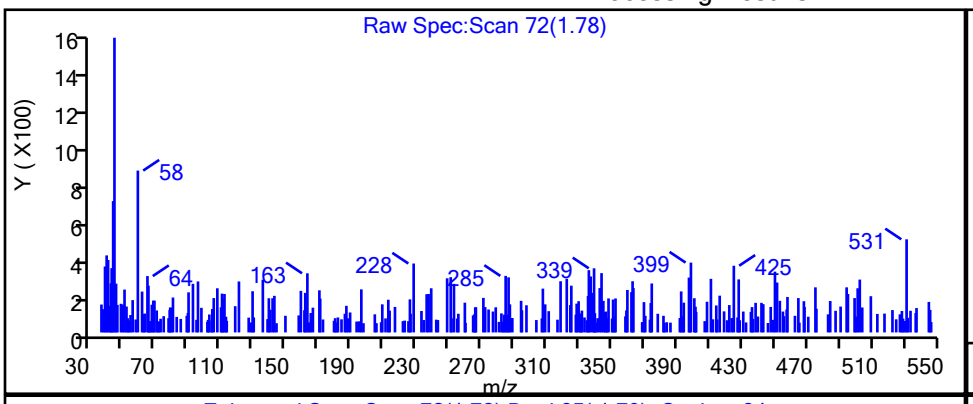
User Disabled Compound Report

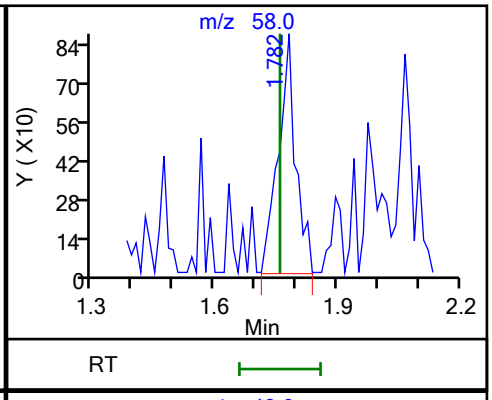
Eurofins Edison

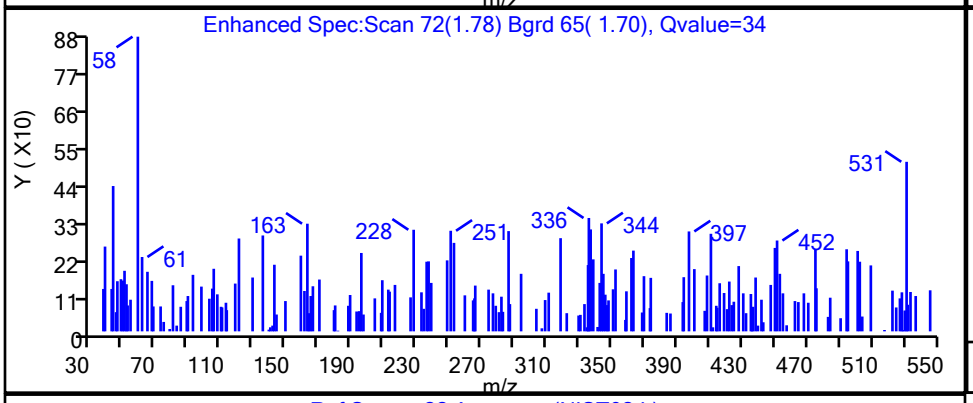
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69165.D				
Injection Date:	17-Mar-2025 22:59:30	Instrument ID:	CVOAMS9		
Lims ID:	460-322068-A-5	Lab Sample ID:	460-322068-5		
Client ID:	FB-01_03122025				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

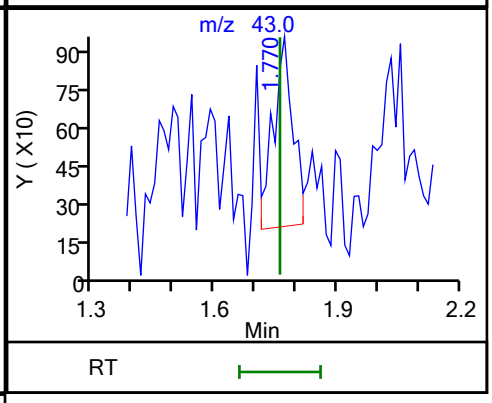
22 Acetone, CAS: 67-64-1

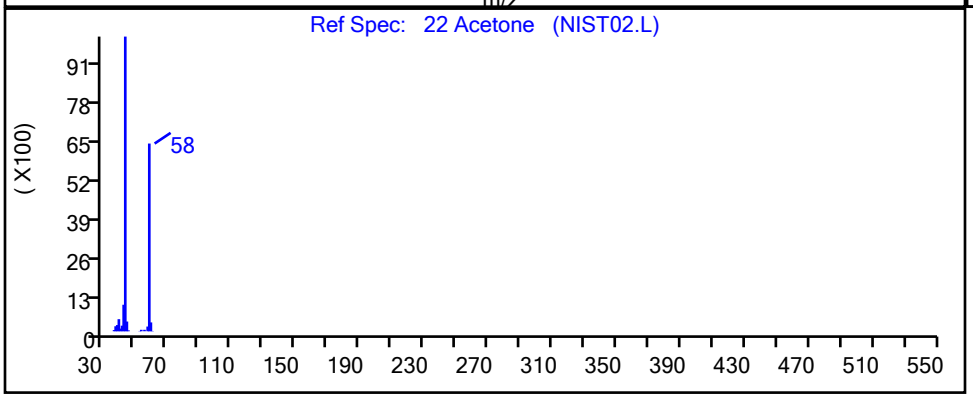
Processing Results











RT	Mass	Response	Amount
1.78	58.00	2595	5.034160
1.77	43.00	2581	

Reviewer: NN6A, 18-Mar-2025 10:26:03 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: TB-01_03122025 | Lab Sample ID: 460-322068-6

Matrix: Water | Lab File ID: K69166.D

Analysis Method: 8260D | Date Collected: 03/12/2025 15:25

Sample wt/vol: 5(mL) | Date Analyzed: 03/17/2025 23:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: TB-01_03122025 | Lab Sample ID: 460-322068-6

Matrix: Water | Lab File ID: K69166.D

Analysis Method: 8260D | Date Collected: 03/12/2025 15:25

Sample wt/vol: 5(mL) | Date Analyzed: 03/17/2025 23:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: TB-01_03122025 | Lab Sample ID: 460-322068-6

Matrix: Water | Lab File ID: K69166.D

Analysis Method: 8260D | Date Collected: 03/12/2025 15:25

Sample wt/vol: 5(mL) | Date Analyzed: 03/17/2025 23:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	82		77-132
2037-26-5	Toluene-d8 (Surr)	91		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69166.D
Lims ID: 460-322068-A-6
Client ID: TB-01_03122025
Sample Type: Client
Inject. Date: 17-Mar-2025 23:24:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-322068-A-6
Misc. Info.: 460-0188072-013
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 08:12:52 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: KG2Q Date: 18-Mar-2025 08:05:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.033	2.010	0.023	100	515507	1000.0	
* 43 2-Butanone-d5	46	2.742	2.742	0.000	100	477981	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.130	3.119	0.011	96	200052	40.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.393	0.000	98	213132	45.2	
* 65 Fluorobenzene	96	3.679	3.679	0.000	98	905384	50.0	
* 72 1,4-Dioxane-d8	96	4.296	4.296	0.000	41	44215	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	99	814102	45.3	
* 94 Chlorobenzene-d5	117	7.097	7.085	0.011	86	728641	50.0	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	87	318102	51.3	
* 120 1,4-Dichlorobenzene-d4	152	10.583	10.583	0.000	97	444637	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00253 Amount Added: 1.00 Units: uL Run Reagent

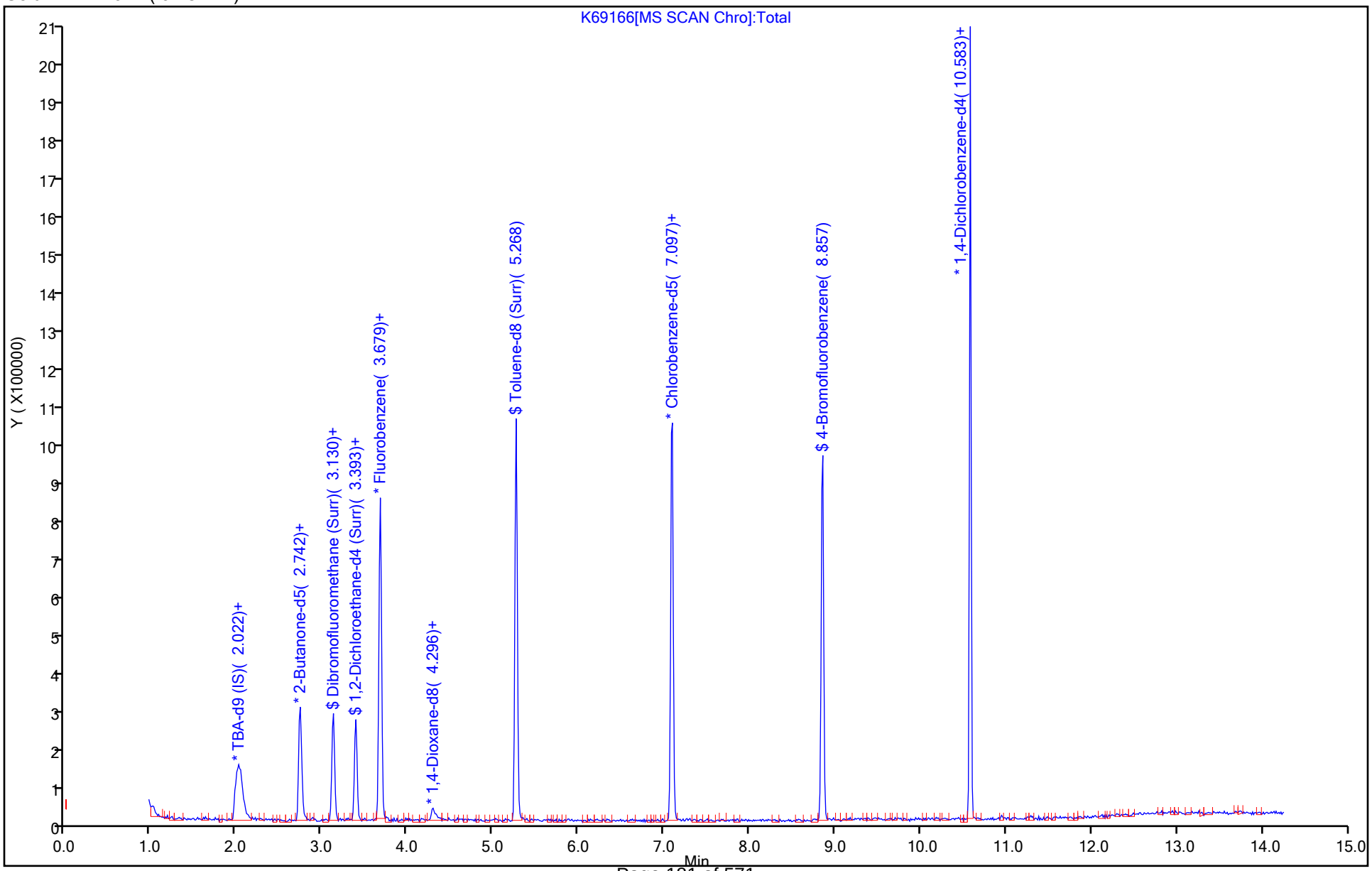
Report Date: 18-Mar-2025 08:13:36 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69166.D

Injection Date:	17-Mar-2025 23:24:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-322068-A-6	Lab Sample ID:	460-322068-6	Worklist Smp#:	13
Client ID:	TB-01_03122025				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Report Date: 18-Mar-2025 08:13:36 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69166.D
Lims ID: 460-322068-A-6
Client ID: TB-01_03122025
Sample Type: Client
Inject. Date: 17-Mar-2025 23:24:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-322068-A-6
Misc. Info.: 460-0188072-013
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 08:12:52 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: KG2Q Date: 18-Mar-2025 08:05:45

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	40.9	81.85
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.2	90.50
$ 83 Toluene-d8 (Surr)	50.0	45.3	90.53
$ 105 4-Bromofluorobenzene	50.0	51.3	102.62

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-322068-1 Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 Calibration End Date: 02/20/2025 15:17 Calibration ID: 100252

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1022171/4	K68292.D
Level 2	STD8 460-1022171/3	K68291.D
Level 3	STD1 460-1022171/5	K68293.D
Level 4	STD5 460-1022171/6	K68294.D
Level 5	STD20 460-1022171/7	K68295.D
Level 6	STD50 460-1022171/8	K68296.D
Level 7	STD200 460-1022171/9	K68297.D
Level 8	STD500 460-1022171/10	K68298.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 1.5033	+++++ 2.2767	1.4411 1.8971	1.4041	1.6970	Ave		1.7032				19.7		20.0			
Dichlorodifluoromethane	+++++ 0.7846	+++++ 0.8374	0.7092 0.7930	0.7721	0.8656	Ave		0.7937			0.1000	6.8		20.0			
Chlorodifluoromethane	+++++ 0.0784	+++++ 0.0868	0.1206 0.0840	0.0815	0.0804	Ave		0.0886				18.0		20.0			
Chloromethane	+++++ 0.8541	+++++ 0.8745	1.0566 0.8217	0.8812	0.9241	Ave		0.9021			0.1000	9.2		20.0			
Butadiene	0.6496 0.6111	+++++ 0.6093	0.6482 0.5751	0.5845	0.6467	Ave		0.6178				5.0		20.0			
Vinyl chloride	+++++ 0.5302	+++++ 0.5498	0.5849 0.5225	0.5458	0.5591	Ave		0.5487			0.1000	4.0		20.0			
Bromomethane	+++++ 0.3759	+++++ 0.3826	0.4453 0.3669	0.4125	0.4026	Ave		0.3976			0.1000	7.3		20.0			
Chloroethane	+++++ 0.2969	+++++ 0.2912	0.3407 0.2766	0.2885	0.3035	Ave		0.2996			0.1000	7.4		20.0			
Dichlorofluoromethane	+++++ 0.7199	+++++ 0.7430	0.8578 0.7061	0.7720	0.7410	Ave		0.7566				7.2		20.0			
Pentane	+++++ 0.0657	+++++ 0.0815	0.0759 0.0837	0.0596	0.0685	Ave		0.0725				13.0		20.0			
Trichlorofluoromethane	+++++ 0.5704	+++++ 0.5677	0.5394 0.5445	0.5629	0.5655	Ave		0.5584			0.1000	2.3		20.0			
Ethanol	+++++ 0.0466	+++++ 0.0296	0.0656 0.0184	0.0673	0.0466	Ave		0.0457				42.3	*	20.0			
Ethyl ether	+++++ 0.2091	+++++ 0.2038	0.3314 0.2139	0.2232	0.2054	Lin2	0.1255	0.2044							0.9990		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-322068-1 Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 Calibration End Date: 02/20/2025 15:17 Calibration ID: 100252

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2475	+++++ 0.2549	0.2502 0.2826	0.2059	0.2481	Ave		0.2482				9.9		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3082	+++++ 0.3153	0.3607 0.3242	0.3005	0.3123	Ave		0.3202				6.7		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4672	+++++ 0.4903	0.5438 0.4874	0.4824	0.4768	Ave		0.4913				5.5		20.0			
Acrolein	+++++ 0.5813	+++++ 0.3338	1.1892 0.2030	0.4200	0.7087	Ave		0.5727				61.3	*	20.0			
1,1-Dichloroethene	+++++ 0.2807	+++++ 0.3136	0.3161 0.3202	0.2545	0.2931	Ave		0.2964			0.1000	8.6		20.0			
Acetone	+++++ 0.2498	+++++ 0.2369	0.3818 0.2451	0.2767	0.2771	Ave		0.2779			0.0500	19.3		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.3500	+++++ 0.3771	0.3507 0.3689	0.2928	0.3642	Ave		0.3506			0.1000	8.6		20.0			
Isopropyl alcohol	+++++ 0.4448	+++++ 0.3635	0.5443 +++++	0.5227	0.4689	Ave		0.4688				15.2		20.0			
Iodomethane	+++++ 0.5544	+++++ 0.6281	0.6150 0.6329	0.5672	0.5704	Ave		0.5947				5.8		20.0			
3-Chloro-1-propene	+++++ 0.9593	+++++ 1.2902	1.0582 1.3237	0.9063	0.9806	Ave		1.0864				16.4		20.0			
Carbon disulfide	+++++ 0.9553	+++++ 1.2871	1.0582 1.3223	0.9093	0.9737	Ave		1.0843			0.1000	16.4		20.0			
Acetonitrile	+++++ 0.8558	+++++ 0.5156	0.7969 0.3741	0.9852	0.9252	QuaF		0.6548	-0.000056						0.9930		0.9900
Methyl acetate	+++++ 6.8250	+++++ 4.5230	8.0155 3.0404	7.8134	7.0362	QuaF		5.7656	-0.002733		0.0500				0.9970		0.9900
Cyclopentene	+++++ 0.5291	+++++ 0.7673	0.7023 0.8380	0.4385	0.5355	QuaF		0.6877	0.0003028						0.9990		0.9900
Methylene Chloride	+++++ 0.2962	+++++ 0.3181	0.3541 0.3245	0.3362	0.3053	Ave		0.3224			0.1000	6.5		20.0			
2-Methyl-2-propanol	+++++ 0.8930	+++++ 0.6597	1.1399 +++++	0.8476	0.9789	Ave		0.9038				19.5		20.0			
Acrylonitrile	0.0906 0.0830	+++++ 0.0827	0.0881 0.0874	0.0831	0.0823	Ave		0.0853				3.9		20.0			
trans-1,2-Dichloroethene	+++++ 0.2697	+++++ 0.2817	0.2697 0.2922	0.2369	0.2736	Ave		0.2707			0.1000	6.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-322068-1 Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 Calibration End Date: 02/20/2025 15:17 Calibration ID: 100252

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Methyl tert-butyl ether	+++++ 0.7803	+++++ 0.7980	0.8425 0.8046	0.7864	0.7790	Ave		0.7985			0.1000	3.0		20.0			
Hexane	+++++ 0.2761	+++++ 0.3293	0.3199 0.3126	0.2299	0.2874	Ave		0.2925				12.5		20.0			
1,1-Dichloroethane	+++++ 0.4338	+++++ 0.4394	0.4529 0.4542	0.4069	0.4406	Ave		0.4380			0.2000	3.9		20.0			
Vinyl acetate	+++++ 0.4903	+++++ 0.5512	0.4211 0.5298	0.5580	0.4622	Ave		0.5021				10.8		20.0			
Isopropyl ether	+++++ 0.7734	+++++ 0.8015	0.8065 0.8612	0.7740	0.7663	Ave		0.7971				4.4		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2326	+++++ 0.2436	0.2160 0.2588	0.1911	0.2323	Ave		0.2291				10.2		20.0			
Tert-butyl ethyl ether	+++++ 0.7990	+++++ 0.8152	0.5335 0.8508	1.0466	0.8667	QuaF		0.7938	0.0001139						1.0000		0.9900
2-Butanone (MEK)	+++++ 0.2671	+++++ 0.2639	0.2798 0.2664	0.2786	0.2733	Ave		0.2715			0.0100	2.5		20.0			
cis-1,2-Dichloroethene	+++++ 0.2815	+++++ 0.2888	0.2746 0.2988	0.2606	0.2818	Ave		0.2810			0.1000	4.6		20.0			
2,2-Dichloropropane	+++++ 0.0966	+++++ 0.1006	0.1258 0.1017	0.0888	0.0993	Ave		0.1021				12.2		20.0			
Ethyl acetate	+++++ 4.6066	+++++ 4.5660	5.4912 4.5849	4.6633	4.4434	Ave		4.7259				8.1		20.0			
Propionitrile	+++++ 1.3238	+++++ 0.9104	1.4794 +++++	1.3839	1.3123	Ave		1.2820				17.0		20.0			
Methyl acrylate	+++++ 0.2109	+++++ 0.2146	0.2382 0.2455	0.1986	0.2133	Ave		0.2202				8.1		20.0			
Methacrylonitrile	+++++ 0.0869	+++++ 0.0867	0.0883 0.1010	0.0833	0.0859	Ave		0.0887				7.0		20.0			
Chlorobromomethane	+++++ 0.1388	+++++ 0.1465	0.1808 0.1524	0.1493	0.1409	Ave		0.1515				10.1		20.0			
Tetrahydrofuran	+++++ 0.7129	+++++ 0.6954	0.8720 0.6609	0.7284	0.6767	Ave		0.7244				10.5		20.0			
Chloroform	+++++ 0.4270	+++++ 0.4372	0.4248 0.4562	0.4046	0.4375	Ave		0.4312			0.2000	4.0		20.0			
1,1,1-Trichloroethane	+++++ 0.4153	+++++ 0.4362	0.4657 0.4384	0.3706	0.4070	Ave		0.4222			0.1000	7.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-322068-1 Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 Calibration End Date: 02/20/2025 15:17 Calibration ID: 100252

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Cyclohexane	+++++ 0.3935	+++++ 0.4612	0.3687 0.4582	0.2960	0.4017	Ave		0.3965			0.1000	15.5		20.0			
1,1-Dichloropropene	+++++ 0.2998	+++++ 0.3276	0.3262 0.3472	0.2692	0.2995	Ave		0.3116				8.9		20.0			
Carbon tetrachloride	+++++ 0.3572	+++++ 0.3875	0.3662 0.3923	0.2746	0.3563	Ave		0.3557			0.1000	11.9		20.0			
Isobutyl alcohol	+++++ 0.3549	+++++ 0.2508	0.2866 +++++	0.3157	0.3587	Ave		0.3133				14.6		20.0			
Benzene	+++++ 1.2774	1.8419 1.3215	1.3825 1.4023	1.2334	1.2805	Ave		1.3913			0.5000	14.9		20.0			
1,2-Dichloroethane	+++++ 0.2789	0.4476 0.2833	0.3063 0.3002	0.2920	0.2747	Ave		0.3119			0.1000	19.5		20.0			
Isopropyl acetate	+++++ 0.0855	+++++ 0.0824	0.1026 0.1013	0.0819	0.0842	Ave		0.0896				10.7		20.0			
Isooctane	+++++ 0.7735	+++++ 0.9067	0.5642 0.8981	0.5624	0.7482	Qua2	-0.187	0.7271	0.0004242						0.9900		0.9900
Tert-amyl methyl ether	+++++ 0.7187	+++++ 0.7757	0.6825 0.8378	0.6830	0.7010	Ave		0.7331				8.4		20.0			
n-Heptane	+++++ 0.2430	+++++ 0.2786	0.2900 0.2693	0.2068	0.2413	Ave		0.2548				11.9		20.0			
n-Butanol	+++++ 0.1668	+++++ 0.1200	0.2082 +++++	0.1505	0.1641	Ave		0.1619				19.7		20.0			
Trichloroethene	+++++ 0.2364	0.3192 0.2446	0.2388 0.2628	0.2106	0.2362	Ave		0.2498			0.2000	13.7		20.0			
Ethyl acrylate	+++++ 0.2189	+++++ 0.2298	0.2783 0.2544	0.2128	0.1977	Ave		0.2320				12.7		20.0			
Methylcyclohexane	+++++ 0.4220	+++++ 0.4873	0.4132 0.4728	0.3310	0.4247	Ave		0.4252			0.1000	12.9		20.0			
1,2-Dichloropropane	+++++ 0.2285	0.3587 0.2307	0.2299 0.2460	0.2310	0.2217	Ave		0.2495			0.1000	19.5		20.0			
Dibromomethane	+++++ 0.1504	+++++ 0.1537	0.1712 0.1619	0.1529	0.1496	Ave		0.1566				5.3		20.0			
Methyl methacrylate	+++++ 0.0547	+++++ 0.0580	0.0526 0.0651	0.0526	0.0545	Ave		0.0563				8.5		20.0			
1,4-Dioxane	+++++ 0.8760	+++++ 0.6733	1.0907 0.6744	0.9909	0.9475	Ave		0.8755				19.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-322068-1 Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 Calibration End Date: 02/20/2025 15:17 Calibration ID: 100252

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.2470	+++++ 0.2527	0.2613 0.2775	0.2342	0.2375	Ave		0.2517				6.4		20.0			
Dichlorobromomethane	+++++ 0.2964	0.4551 0.3055	0.2384 0.3226	0.2695	0.2709	QuaF		0.2934	0.0000585		0.2000				1.0000		0.9900
2-Nitropropane	+++++ 0.0384	+++++ 0.0398	0.0553 0.0458	0.0316	0.0358	Qua2	0.0420	0.0332	0.0000134						0.9920		0.9900
2-Chloroethyl vinyl ether	+++++ 0.1376	+++++ 0.1381	0.1554 0.1468	0.1593	0.1296	Ave		0.1445				7.9		20.0			
Epichlorohydrin	0.1885 0.2214	+++++ 0.2246	0.2280 0.2265	0.2074	0.2035	Ave		0.2143				6.9		20.0			
cis-1,3-Dichloropropene	+++++ 0.4640	0.4182 0.5006	0.4244 0.5193	0.4104	0.4322	Ave		0.4527			0.2000	9.5		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.3467	+++++ 2.4870	2.2086 2.4130	2.1770	2.2274	Ave		2.3099			0.0500	5.4		20.0			
Toluene	+++++ 1.3040	+++++ 1.3735	1.4459 1.4315	1.2346	1.2988	Ave		1.3480			0.4000	6.2		20.0			
trans-1,3-Dichloropropene	+++++ 0.3879	0.4858 0.4213	0.3231 0.4462	0.3416	0.3686	Ave		0.3963			0.1000	14.7		20.0			
Ethyl methacrylate	+++++ 0.3539	+++++ 0.3755	0.3855 0.3935	0.2899	0.3370	Ave		0.3559				10.8		20.0			
1,1,2-Trichloroethane	+++++ 0.2223	0.1791 0.2203	0.2549 0.2343	0.2155	0.2170	Ave		0.2205			0.1000	10.4		20.0			
Tetrachloroethene	+++++ 0.3407	0.6931 0.3635	0.4129 0.3705	0.2915	0.3419	Lin2	0.0705	0.3388			0.2000				0.9920		0.9900
1,3-Dichloropropane	+++++ 0.4248	+++++ 0.4381	0.4972 0.4650	0.4219	0.4289	Ave		0.4460				6.6		20.0			
2-Hexanone	+++++ 1.4853	+++++ 1.4872	1.2990 1.4967	1.2694	1.3610	Ave		1.3998			0.0500	7.4		20.0			
Chlorodibromomethane	+++++ 0.3082	0.4437 0.3355	0.3051 0.3567	0.2989	0.2929	Ave		0.3344			0.1000	15.9		20.0			
n-Butyl acetate	+++++ 0.3924	+++++ 0.3991	0.4043 0.4550	0.3175	0.3692	Ave		0.3896				11.6		20.0			
Ethylene Dibromide	+++++ 0.2888	+++++ 0.2893	0.3127 0.3022	0.2604	0.2729	Ave		0.2877			0.1000	6.6		20.0			
Chlorobenzene	+++++ 0.8752	+++++ 0.9005	0.8165 0.9669	0.8163	0.8591	Ave		0.8724			0.5000	6.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-322068-1 Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 Calibration End Date: 02/20/2025 15:17 Calibration ID: 100252

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	+++++ 0.3588	+++++ 0.3861	0.3186 0.3995	0.3719	0.3417	Ave		0.3628				8.2		20.0			
Ethylbenzene	+++++ 0.4687	+++++ 0.4910	0.5342 0.5162	0.4224	0.4569	Ave		0.4816			0.1000	8.5		20.0			
m-Xylene & p-Xylene	+++++ 0.5861	+++++ 0.6086	0.5324 0.6376	0.5098	0.5722	Ave		0.5745			0.1000	8.2		20.0			
o-Xylene	+++++ 0.6068	+++++ 0.6347	0.5846 0.6797	0.5420	0.6026	Ave		0.6084			0.3000	7.6		20.0			
Styrene	+++++ 0.9456	+++++ 1.0102	0.7875 1.1315	0.7853	0.9204	Ave		0.9301			0.3000	14.3		20.0			
n-Butyl acrylate	+++++ 0.2442	+++++ 0.2534	0.2119 0.2988	0.1666	0.2178	Ave		0.2321				19.2		20.0			
Bromoform	+++++ 0.1927	+++++ 0.2159	0.1505 0.2474	0.1772	0.1796	Ave		0.1939			0.1000	17.4		20.0			
Amyl acetate (mixed isomers)	+++++ 0.8857	+++++ 0.9324	0.8112 1.0378	0.6590	0.7697	Ave		0.8493				15.6		20.0			
Isopropylbenzene	+++++ 1.5006	+++++ 1.5667	1.3244 1.6374	1.2590	1.4503	Ave		1.4564			0.1000	9.9		20.0			
Bromobenzene	+++++ 0.6928	+++++ 0.7085	0.7082 0.7283	0.6804	0.6649	Ave		0.6972				3.2		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6353	0.9443 0.6416	0.6740 0.6625	0.5970	0.6027	Ave		0.6796			0.3000	17.7		20.0			
1,2,3-Trichloropropane	+++++ 0.4440	+++++ 0.4466	0.4898 0.4599	0.4430	0.4347	Ave		0.4530				4.4		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1047	+++++ 0.1488	0.1322 0.1744	0.0848	0.0870	QuaF		0.1263	0.0000967						1.0000		0.9900
N-Propylbenzene	+++++ 3.0933	+++++ 3.1862	2.8236 3.2721	2.5209	3.0367	Ave		2.9888				9.2		20.0			
2-Chlorotoluene	+++++ 1.8043	+++++ 1.8784	1.6407 1.9416	1.6578	1.7502	Ave		1.7788				6.7		20.0			
4-Ethyltoluene	+++++ 2.6162	+++++ 2.6014	2.5594 2.8621	2.1645	2.5273	Ave		2.5552				8.8		20.0			
4-Chlorotoluene	+++++ 1.7946	+++++ 1.8814	1.9443 1.9067	1.5081	1.7822	Ave		1.8029				8.7		20.0			
1,3,5-Trimethylbenzene	+++++ 2.3032	+++++ 2.4608	2.0693 2.5180	1.9529	2.2877	Ave		2.2653				9.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-322068-1 Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 Calibration End Date: 02/20/2025 15:17 Calibration ID: 100252

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.7726	+++++ 0.8035	0.6692 0.9207	0.5625	0.6788	Ave		0.7345				17.0		20.0			
tert-Butylbenzene	+++++ 1.9739	+++++ 2.0846	1.7358 2.1018	1.5343	1.8596	Ave		1.8817				11.7		20.0			
1,2,4-Trimethylbenzene	+++++ 2.3882	+++++ 2.5064	2.1859 2.5779	2.1602	2.3530	Ave		2.3619				7.1		20.0			
sec-Butylbenzene	+++++ 3.1393	+++++ 3.2435	2.7030 3.1300	2.3979	3.0305	Ave		2.9407				11.0		20.0			
1,3-Dichlorobenzene	+++++ 1.3567	+++++ 1.3726	1.3699 1.4531	1.2459	1.3353	Ave		1.3556			0.6000	4.9		20.0			
1,4-Dichlorobenzene	+++++ 1.3905	+++++ 1.4518	1.5861 1.5220	1.3379	1.3538	Ave		1.4404			0.5000	6.8		20.0			
4-Isopropyltoluene	+++++ 2.7950	+++++ 3.0616	2.5662 3.0310	2.2710	2.6890	Ave		2.7356				10.9		20.0			
1,2,3-Trimethylbenzene	+++++ 2.6232	+++++ 2.7957	2.3754 2.8573	2.3819	2.6023	Ave		2.6060				7.7		20.0			
Benzyl chloride	+++++ 0.2267	+++++ 0.2519	0.1348 0.2984	0.1795	0.1938	Qua2	-0.0072	0.2037	0.0001984						0.9980		0.9900
Indan	+++++ 2.6002	+++++ 2.4194	2.0948 2.4646	2.3793	2.5544	Ave		2.4188				7.4		20.0			
1,2-Dichlorobenzene	+++++ 1.3643	+++++ 1.4224	1.3778 1.4757	1.3334	1.3621	Ave		1.3893			0.4000	3.7		20.0			
p-Diethylbenzene	+++++ 1.6616	+++++ 1.7149	1.4545 1.8386	1.4240	1.5906	Ave		1.6140				9.8		20.0			
n-Butylbenzene	+++++ 1.3644	+++++ 1.4510	1.3126 1.4539	1.0552	1.3271	Ave		1.3274				11.0		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1457	+++++ 0.1599	0.1804 0.1635	0.1421	0.1419	Ave		0.1556			0.0500	9.8		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.7331	+++++ 3.0210	2.2302 2.1254	2.3264	2.5852	Ave		2.5036				13.6		20.0			
1,3,5-Trichlorobenzene	+++++ 1.2140	+++++ 1.2639	1.2710 1.3374	1.1508	1.1853	Ave		1.2371				5.4		20.0			
1,2,4-Trichlorobenzene	+++++ 1.1125	+++++ 1.1818	0.9966 1.1960	0.9666	1.1300	Ave		1.0972			0.2000	8.7		20.0			
Hexachlorobutadiene	+++++ 0.4304	+++++ 0.4633	0.3860 0.4391	0.3528	0.3925	Ave		0.4107				9.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-322068-1 Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 Calibration End Date: 02/20/2025 15:17 Calibration ID: 100252

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 2.4845	+++++ 2.7211	2.2533 1.8742	2.2095	2.4200	Ave		2.3271				12.4		20.0			
1,2,3-Trichlorobenzene	+++++ 1.1252	+++++ 1.1977	1.3674 0.9968	1.0925	1.1007	Ave		1.1467				11.0		20.0			
Dibromofluoromethane (Surr)	0.2714 0.2629	0.2706 0.2600	0.2720 0.2720	0.2822	0.2685	Ave		0.2700				2.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2619 0.2618	0.2567 0.2438	0.2590 0.2703	0.2663	0.2613	Ave		0.2601				3.0		20.0			
Toluene-d8 (Surr)	1.2497 1.2226	1.2080 1.2170	1.2549 1.2216	1.2537	1.2453	Ave		1.2341				1.5		20.0			
4-Bromofluorobenzene	0.4266 0.4164	0.4075 0.4136	0.4344 0.4421	0.4378	0.4249	Ave		0.4254				2.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-322068-1 | Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 | Calibration End Date: 02/20/2025 15:17 | Calibration ID: 100252

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1022171/4	K68292.D
Level 2	STD8 460-1022171/3	K68291.D
Level 3	STD1 460-1022171/5	K68293.D
Level 4	STD5 460-1022171/6	K68294.D
Level 5	STD20 460-1022171/7	K68295.D
Level 6	STD50 460-1022171/8	K68296.D
Level 7	STD200 460-1022171/9	K68297.D
Level 8	STD500 460-1022171/10	K68298.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	BUT	Ave	+++++ 99235	+++++ 583151	1641 1513446	7873	42806	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 629465	+++++ 2661143	9965 6945912	53919	262985	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 62911	+++++ 275791	1694 735788	5688	24441	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 685197	+++++ 2779037	14847 7197238	61535	280783	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	2371 490281	+++++ 1936244	9108 5037069	40818	196481	0.250 50.0	+++++ 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 425374	+++++ 1747057	8219 4576363	38114	169886	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 301528	+++++ 1215929	6257 3213600	28803	122335	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 238170	+++++ 925352	4788 2422223	20147	92228	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 577539	+++++ 2361152	12053 6184691	53908	225142	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Pentane	FB	Ave	+++++ 105429	+++++ 517933	2132 1466238	8330	41632	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Trichlorofluoromethane	FB	Ave	+++++ 457576	+++++ 1804067	7579 4769157	39309	171807	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethanol	TBAd9	Ave	+++++ 31659	+++++ 115459	757 318334	3668	11860	+++++ 2000	+++++ 8000	40.0 20000	200	800
Ethyl ether	FB	Lin2	+++++ 167749	+++++ 647747	4657 1873739	15587	62407	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 198562	+++++ 810064	3516 2475118	14375	75394	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 247256	+++++ 1001795	5068 2839133	20981	94898	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-322068-1 | Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 | Calibration End Date: 02/20/2025 15:17 | Calibration ID: 100252

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 374784	+++++ 1558081	7641 4268895	33689	144872	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrolein	TBAd9	Ave	+++++ 19750	+++++ 32577	1373 70156	2289	9024	+++++ 100	+++++ 200	4.00 400	20.0	40.0
1,1-Dichloroethene	FB	Ave	+++++ 225168	+++++ 996499	4441 2804136	17773	89058	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 82435	+++++ 303445	2174 977853	7758	34944	+++++ 250	+++++ 1000	5.00 2500	25.0	100
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 280820	+++++ 1198349	4928 3231292	20447	110646	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 75561	+++++ 354787	1571 +++++	7121	29852	+++++ 500	+++++ 2000	10.0 +++++	50.0	200
Iodomethane	FB	Ave	+++++ 444764	+++++ 1995785	8642 5543036	39606	173303	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 769622	+++++ 4099793	14869 11594168	63284	297940	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Carbon disulfide	FB	Ave	+++++ 766395	+++++ 4089876	14869 11581986	63500	295840	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetonitrile	TBAd9	QuaF	+++++ 145385	+++++ 503276	2300 1616372	13422	58904	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Methyl acetate	TBAd9	QuaF	+++++ 231902	+++++ 882940	4627 2626968	21290	89597	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Cyclopentene	FB	QuaF	+++++ 424484	+++++ 2438301	9868 7340109	30618	162713	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methylene Chloride	FB	Ave	+++++ 237641	+++++ 1010921	4976 2842029	23479	92769	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 151712	+++++ 643880	3290 +++++	11548	62326	+++++ 500	+++++ 2000	10.0 +++++	50.0	200
Acrylonitrile	FB	Ave	2647 665548	+++++ 2628471	12378 7651316	58045	250189	2.00 500	+++++ 2000	10.0 5000	50.0	200
trans-1,2-Dichloroethene	FB	Ave	+++++ 216364	+++++ 895299	3790 2559653	16541	83134	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methyl tert-butyl ether	FB	Ave	+++++ 625983	+++++ 2535862	11838 7047441	54915	236676	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Hexane	FB	Ave	+++++ 221477	+++++ 1046542	4495 2737913	16055	87312	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 348035	+++++ 1396176	6364 3978127	28416	133859	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	+++++ 64736	+++++ 282383	959 845318	6258	23318	+++++ 100	+++++ 400	2.00 1000	10.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-322068-1 | Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 | Calibration End Date: 02/20/2025 15:17 | Calibration ID: 100252

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Isopropyl ether	FB	Ave	+++++ 620464	+++++ 2546986	11332 7542843	54049	232816	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 186564	+++++ 774152	3035 2266742	13346	70574	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	QuaF	+++++ 641005	+++++ 2590529	7497 7452029	73085	263327	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	+++++ 88164	+++++ 337989	1593 1062450	7812	34471	+++++ 250	+++++ 1000	5.00 2500	25.0	100
cis-1,2-Dichloroethene	FB	Ave	+++++ 225804	+++++ 917724	3858 2616952	18196	85607	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 77522	+++++ 319527	1768 890958	6204	30176	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethyl acetate	BUT	Ave	+++++ 608182	+++++ 2339067	12506 7315420	52297	224161	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Propionitrile	TBAd9	Ave	+++++ 224896	+++++ 888603	4270 +++++	18855	83555	+++++ 500	+++++ 2000	10.0 +++++	50.0	200
Methyl acrylate	FB	Ave	+++++ 169204	+++++ 682040	3347 2150400	13866	64817	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	+++++ 697074	+++++ 2756556	12411 8845584	58189	260929	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	+++++ 111380	+++++ 465452	2541 1334779	10426	42812	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	+++++ 94119	+++++ 356257	1986 1054545	8169	34140	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Chloroform	FB	Ave	+++++ 342584	+++++ 1389379	5969 3995733	28255	132938	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 333164	+++++ 1385964	6544 3840037	25879	123660	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 315694	+++++ 1465407	5181 4012817	20667	122058	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 240540	+++++ 1041001	4583 3041118	18797	90994	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 286556	+++++ 1231241	5145 3436012	19178	108257	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 150741	+++++ 612074	2068 +++++	10753	57088	+++++ 1250	+++++ 5000	25.0 +++++	125	500
Benzene	CBNZd5	Ave	+++++ 750013	4114 3109748	13839 9214562	62974	281871	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 223779	1370 900335	4304 2629241	20393	83453	+++++ 50.0	0.200 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-322068-1 Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 Calibration End Date: 02/20/2025 15:17 Calibration ID: 100252

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Isopropyl acetate	FB	Ave	+++++ 68587	+++++ 261852	1441 887659	5717	25591	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isooctane	FB	Qua2	+++++ 620530	+++++ 2881106	7928 7866107	39272	227315	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 576580	+++++ 2464790	9590 7337814	47697	213000	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 194924	+++++ 885170	4075 2358419	14444	73316	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 70844	+++++ 292783	1502 +++++	5125	26126	+++++ 1250	+++++ 5000	25.0 +++++	125	500
Trichloroethene	FB	Ave	+++++ 189671	977 777120	3356 2301474	14704	71756	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	+++++ 175624	+++++ 730381	3910 2228465	14859	60079	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 338537	+++++ 1548580	5806 4141010	23117	129049	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 183336	1098 733254	3230 2154317	16133	67365	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Dibromomethane	FB	Ave	+++++ 120674	+++++ 488421	2406 1417592	10675	45456	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 87753	+++++ 368831	1479 1140853	7345	33124	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 28831	+++++ 109002	1483 328286	2840	11518	+++++ 1000	+++++ 4000	50.0 10000	100	400
n-Propyl acetate	FB	Ave	+++++ 198129	+++++ 802875	3671 2430719	16357	72148	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	QuaF	+++++ 237743	1393 970654	3350 2825314	18820	82298	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Qua2	+++++ 61613	+++++ 252803	1553 802816	4410	21741	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 110690	+++++ 439915	2189 1289098	11150	39464	+++++ 50.1	+++++ 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1116 292340	+++++ 1150529	5192 3613486	23254	102679	5.00 1000	+++++ 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 272443	934 1177928	4248 3412140	20957	95139	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 774536	+++++ 3185103	12575 9625108	61036	280921	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++	+++++	14474	63035	285900	+++++	+++++	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-322068-1 | Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 | Calibration End Date: 02/20/2025 15:17 | Calibration ID: 100252

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			765647	3232084	9406215			50.0	200	500		
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 227727	1085 991525	3234 2931844	17443	81134	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZd5	Ave	+++++ 207784	+++++ 883653	3859 2585960	14801	74179	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 130498	400 518428	2552 1539864	11002	47767	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Lin2	+++++ 200040	1548 855455	4133 2434703	14883	75269	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 249410	+++++ 1030846	4977 3055401	21544	94415	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 490235	+++++ 1904709	7396 5970293	35589	171650	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Chlorodibromomethane	CBNZd5	Ave	+++++ 180928	991 789581	3054 2343599	15262	64485	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
n-Butyl acetate	CBNZd5	Ave	+++++ 230402	+++++ 939117	4047 2989471	16213	81265	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZd5	Ave	+++++ 169559	+++++ 680886	3130 1985775	13297	60066	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 513857	+++++ 2119180	8174 6353645	41681	189111	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 210652	+++++ 908642	3189 2624796	18988	75216	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 275217	+++++ 1155425	5348 3391973	21566	100569	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 344120	+++++ 1432095	5330 4189389	26031	125965	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
o-Xylene	CBNZd5	Ave	+++++ 356249	+++++ 1493540	5852 4466264	27673	132658	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-322068-1 Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 Calibration End Date: 02/20/2025 15:17 Calibration ID: 100252

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Styrene	CBNZd5	Ave	+++++ 555218	+++++ 2377277	7883 7435054	40097	202605	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZd5	Ave	+++++ 143405	+++++ 596343	2121 1963663	8506	47944	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromoform	CBNZd5	Ave	+++++ 113160	+++++ 508067	1507 1625433	9047	39540	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 306485	+++++ 1308695	4911 4304437	19987	100945	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 881065	+++++ 3686756	13258 10759361	64281	319248	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 239731	+++++ 994509	4287 3020957	20637	87202	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 219833	1224 900602	4080 2747977	18108	79038	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 153628	+++++ 626888	2965 1907504	13435	57011	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	QuaF	+++++ 36213	+++++ 208846	800 723496	2571	11412	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 1070352	+++++ 4472332	17093 13572160	76456	398242	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 624340	+++++ 2636574	9932 8053452	50279	229527	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 905260	+++++ 3651408	15494 11871542	65649	331446	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 620996	+++++ 2640850	11770 7908668	45741	233732	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 796973	+++++ 3454026	12527 10444413	59230	300015	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd4	Ave	+++++ 267357	+++++ 1127764	4051 3818797	17059	89024	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 683012	+++++ 2926008	10508 8717711	46534	243881	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 826369	+++++ 3518044	13233 10692581	65517	308585	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 1086286	+++++ 4552661	16363 12982771	72727	397437	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 469467	+++++ 1926593	8293 6027044	37787	175113	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-322068-1 | Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 | Calibration End Date: 02/20/2025 15:17 | Calibration ID: 100252

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 481159	+++++ 2037840	9602 6312885	40577	177540	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 967158	+++++ 4297387	15535 12572210	68877	352651	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 907689	+++++ 3924198	14380 11851603	72241	341277	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd4	Qua2	+++++ 78441	+++++ 353604	816 1237509	5445	25422	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 899747	+++++ 3395979	12681 10222558	72163	334993	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 472074	+++++ 1996476	8341 6120787	40442	178633	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 574968	+++++ 2407065	8805 7626348	43190	208595	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 472118	+++++ 2036650	7946 6030448	32004	174044	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 50423	+++++ 224455	1092 678371	4311	18615	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 945731	+++++ 4240336	13501 8815965	70557	339041	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 420062	+++++ 1774087	7694 5547458	34902	155448	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 384949	+++++ 1658866	6033 4960963	29315	148190	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 148915	+++++ 650273	2337 1821477	10700	51469	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	+++++ 859702	+++++ 3819448	13641 7773920	67012	317374	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 389359	+++++ 1681074	8278 4134497	33134	144354	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	198148 210944	207072 206549	191080 238235	197054	203979	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	191164 210015	196388 193716	181942 236729	185935	198464	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	656562 717829	674525 715976	628099 802728	640140	685300	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	224139 244463	227560 243299	217417 290522	223527	233833	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-322068-1 | Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 | Calibration End Date: 02/20/2025 15:17 | Calibration ID: 100252

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-322068-1 | Analy Batch No.: 1022171

SDG No.:

Instrument ID: CVOAMS9 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2025 12:28 | Calibration End Date: 02/20/2025 15:17 | Calibration ID: 100252

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1022171/4	K68292.D
Level 2	STD8 460-1022171/3	K68291.D
Level 3	STD1 460-1022171/5	K68293.D
Level 4	STD5 460-1022171/6	K68294.D
Level 5	STD20 460-1022171/7	K68295.D
Level 6	STD50 460-1022171/8	K68296.D
Level 7	STD200 460-1022171/9	K68297.D
Level 8	STD500 460-1022171/10	K68298.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethyl ether	+++++	+++++	0.7						30			
Tetrachloroethene	+++++	0.5						30				

Report Date: 23-Feb-2025 12:52:21 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 20-Feb-2025 12:28:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0187106-003
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 12:52:21 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: KG2Q Date: 21-Feb-2025 08:43:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.022	2.033	-0.011	99	276588	1000.0	1000.0	
* 43 2-Butanone-d5	46	2.742	2.742	0.000	100	298684	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.130	3.130	0.000	97	207072	50.0	50.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.393	0.000	98	196388	50.0	49.3	
59 Benzene	78	3.450	3.450	0.000	80	4114	0.2000	0.2648	M
60 1,2-Dichloroethane	62	3.473	3.462	0.011	45	1370	0.2000	0.2870	M
* 65 Fluorobenzene	96	3.679	3.679	0.000	99	765179	50.0	50.0	
67 Trichloroethene	95	4.010	4.010	0.000	58	977	0.2000	0.2556	
71 1,2-Dichloropropane	63	4.205	4.216	-0.011	35	1098	0.2000	0.2875	M
* 72 1,4-Dioxane-d8	96	4.285	4.285	0.000	41	28472	1000.0	1000.0	
77 Dichlorobromomethane	83	4.479	4.490	-0.011	34	1393	0.2000	0.3103	
81 cis-1,3-Dichloropropene	75	4.959	4.970	-0.011	28	934	0.2000	0.1847	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	100	674525	50.0	48.9	
85 trans-1,3-Dichloropropene	75	5.611	5.611	0.000	28	1085	0.2000	0.2451	
87 1,1,2-Trichloroethane	83	5.828	5.828	0.000	21	400	0.2000	0.1624	Ma
88 Tetrachloroethene	166	6.011	5.999	0.012	45	1548	0.2000	0.2010	
91 Chlorodibromomethane	129	6.308	6.319	-0.011	13	991	0.2000	0.2653	
* 94 Chlorobenzene-d5	117	7.096	7.096	0.000	84	558389	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	97	227560	50.0	47.9	
107 1,1,2,2-Tetrachloroethane	83	9.131	9.142	-0.011	15	1224	0.2000	0.2779	
* 120 1,4-Dichlorobenzene-d4	152	10.582	10.582	0.000	94	324038	50.0	50.0	
S 139 Total BTEX	1				0		1.00	0.2648	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00200	Amount Added:	2.00	Units: uL	
GASES Li_00627	Amount Added:	0.00	Units: uL	
ACROLEIN W_00180	Amount Added:	0.00	Units: uL	
14DIOXINTER_00178	Amount Added:	0.00	Units: uL	
Ethanol mix_00098	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00158	Amount Added:	0.00	Units: uL	
GAS Hi_00489	Amount Added:	0.00	Units: uL	
524FREONS_00030	Amount Added:	0.00	Units: uL	
7 Freons Hi_00024	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00134	Amount Added:	0.00	Units: uL	
MIX I Hi_00185	Amount Added:	0.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Feb-2025 12:52:21 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D

Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9 Operator ID:

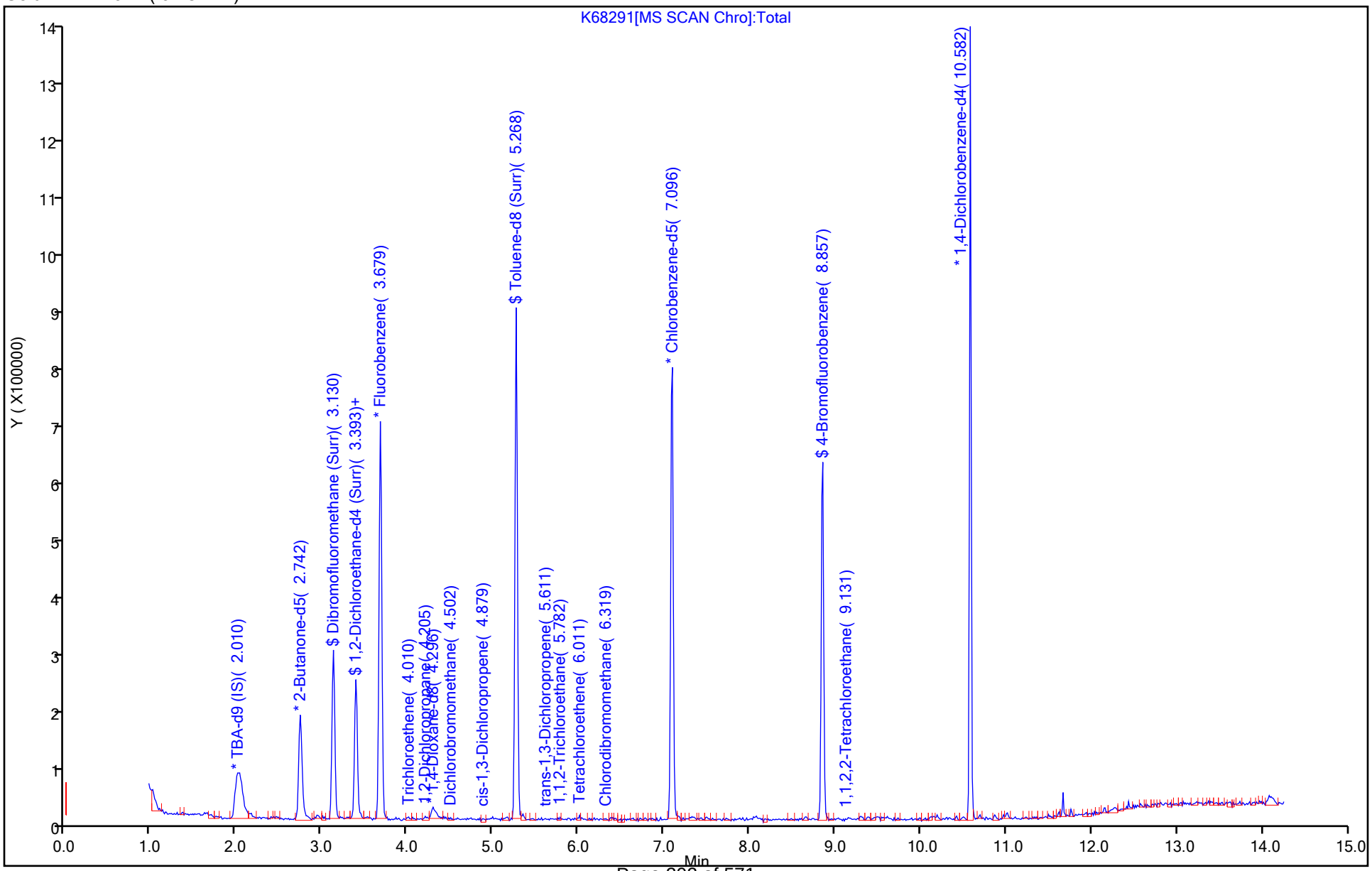
Lims ID: STD8 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

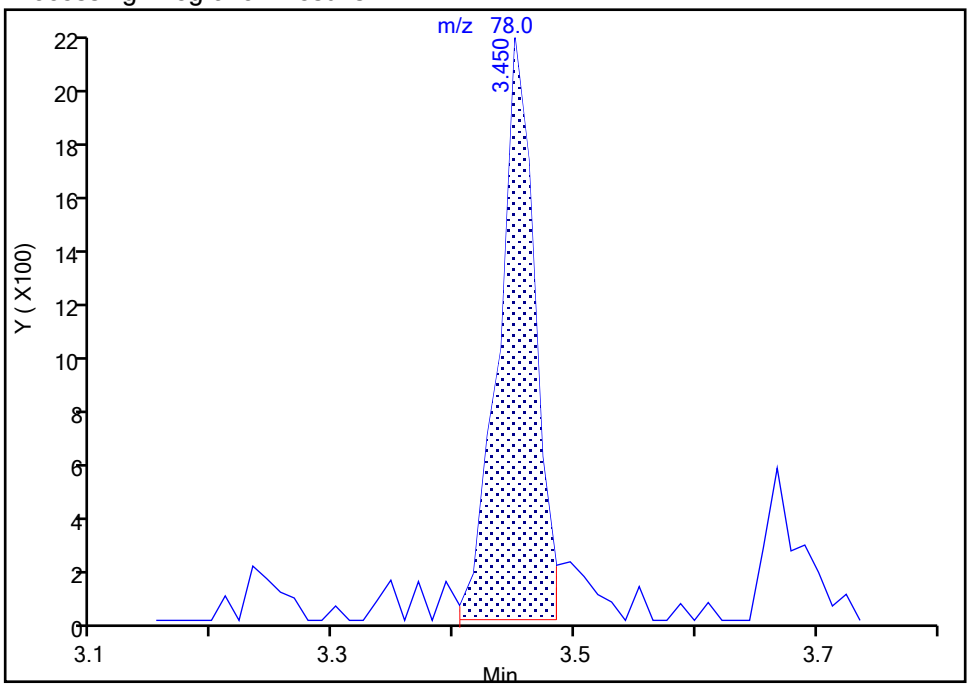
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Benzene, CAS: 71-43-2

Signal: 1

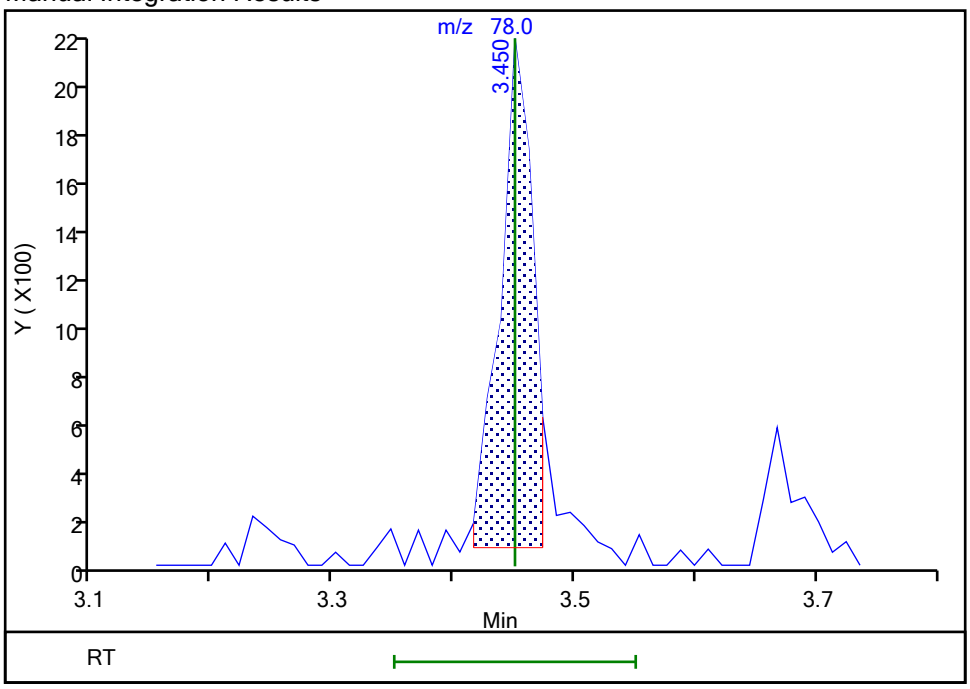
Processing Integration Results

RT: 3.45
Area: 4589
Amount: 0.324237
Amount Units: ug/l



Manual Integration Results

RT: 3.45
Area: 4114
Amount: 0.264766
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:31:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

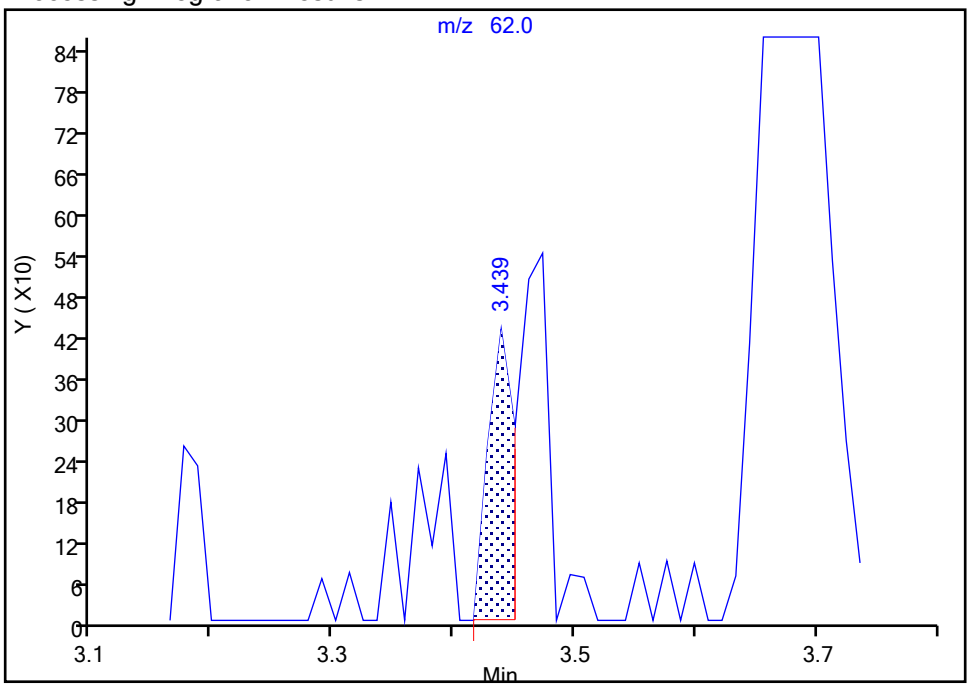
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

60 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

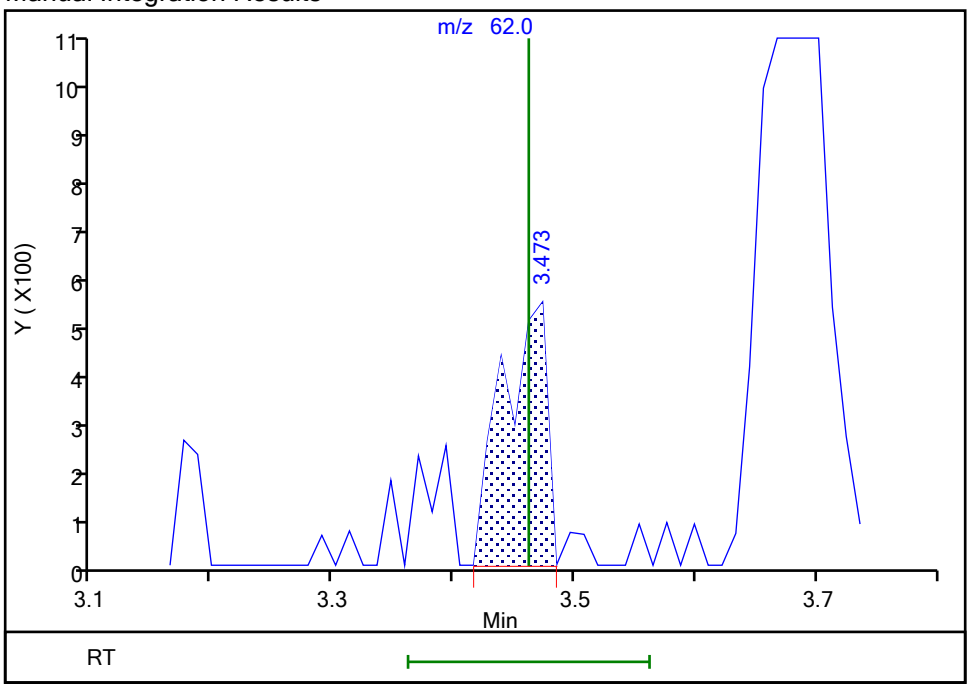
Processing Integration Results

RT: 3.44
Area: 660
Amount: 0.154728
Amount Units: ug/l



Manual Integration Results

RT: 3.47
Area: 1370
Amount: 0.287050
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:01:45 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

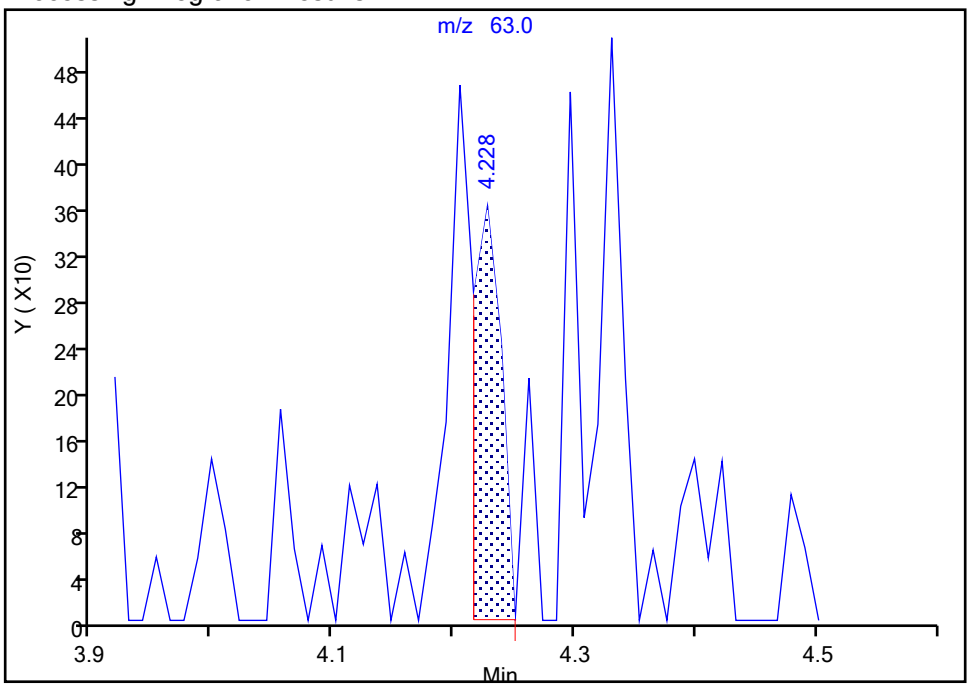
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

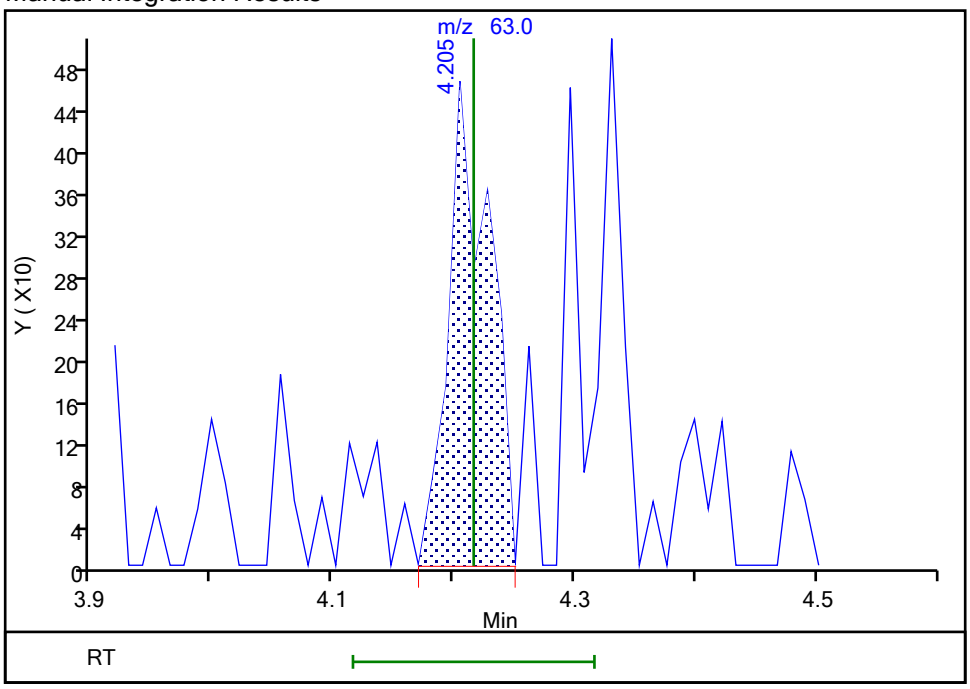
Processing Integration Results

RT: 4.23
Area: 606
Amount: 0.174789
Amount Units: ug/l



Manual Integration Results

RT: 4.20
Area: 1098
Amount: 0.287550
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:02:06 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

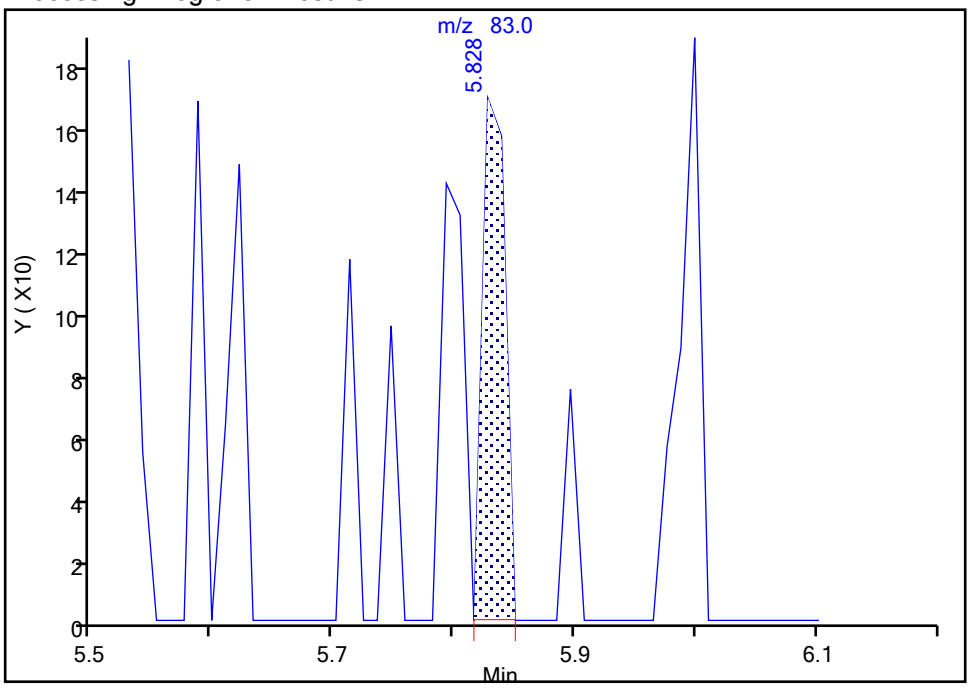
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

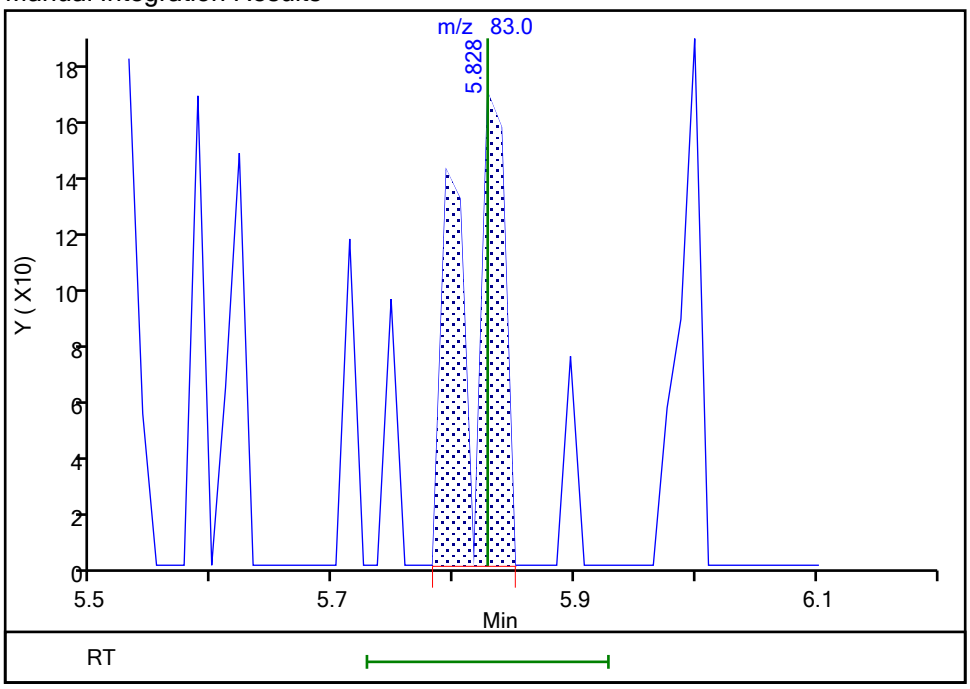
Processing Integration Results

RT: 5.83
Area: 218
Amount: 0.091946
Amount Units: ug/l



Manual Integration Results

RT: 5.83
Area: 400
Amount: 0.162447
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:03:55 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

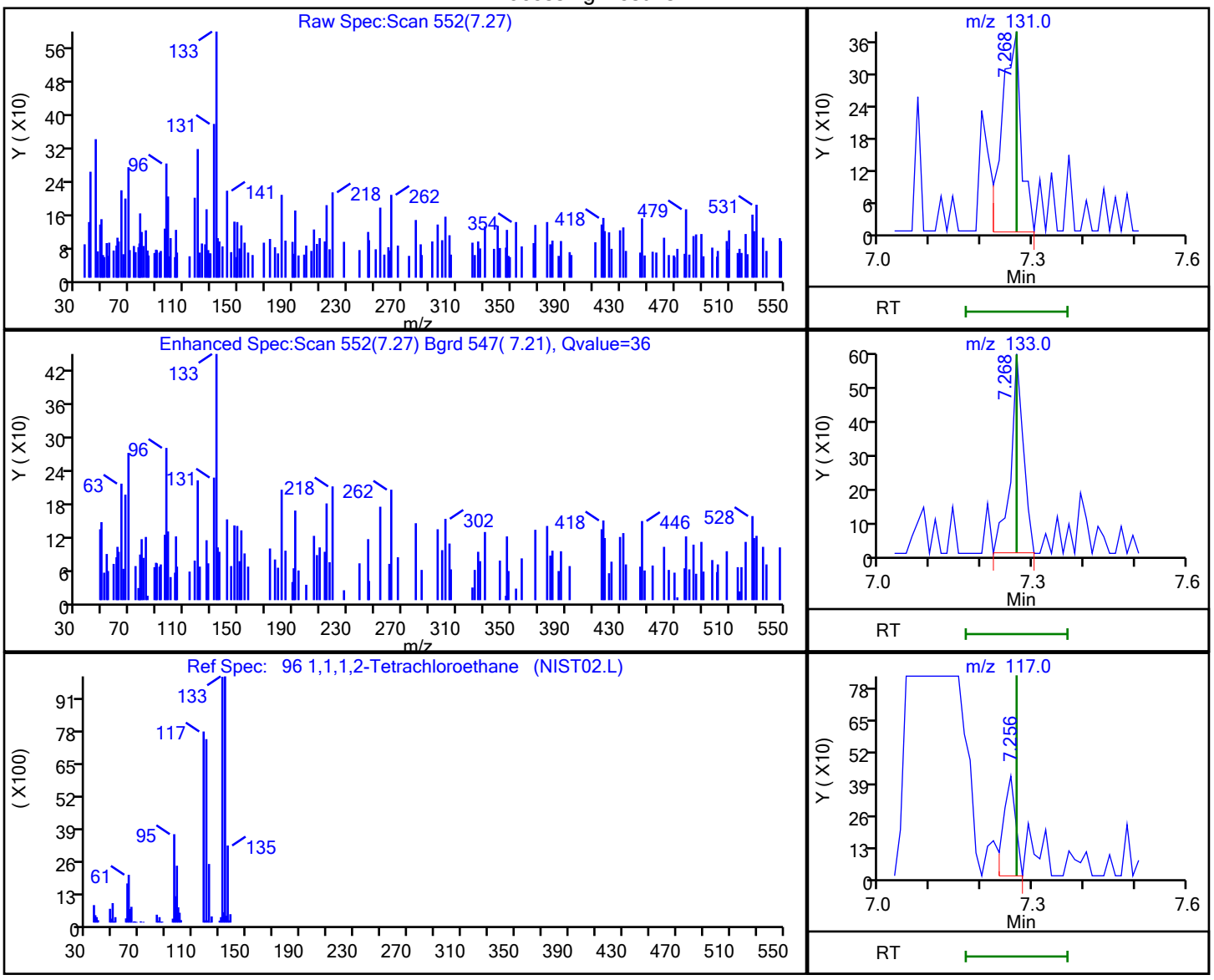
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
7.27	131.00	950	0.228863
7.27	133.00	1028	
7.26	117.00	674	
7.27	119.00	547	

Reviewer: NN6A, 23-Feb-2025 12:03:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

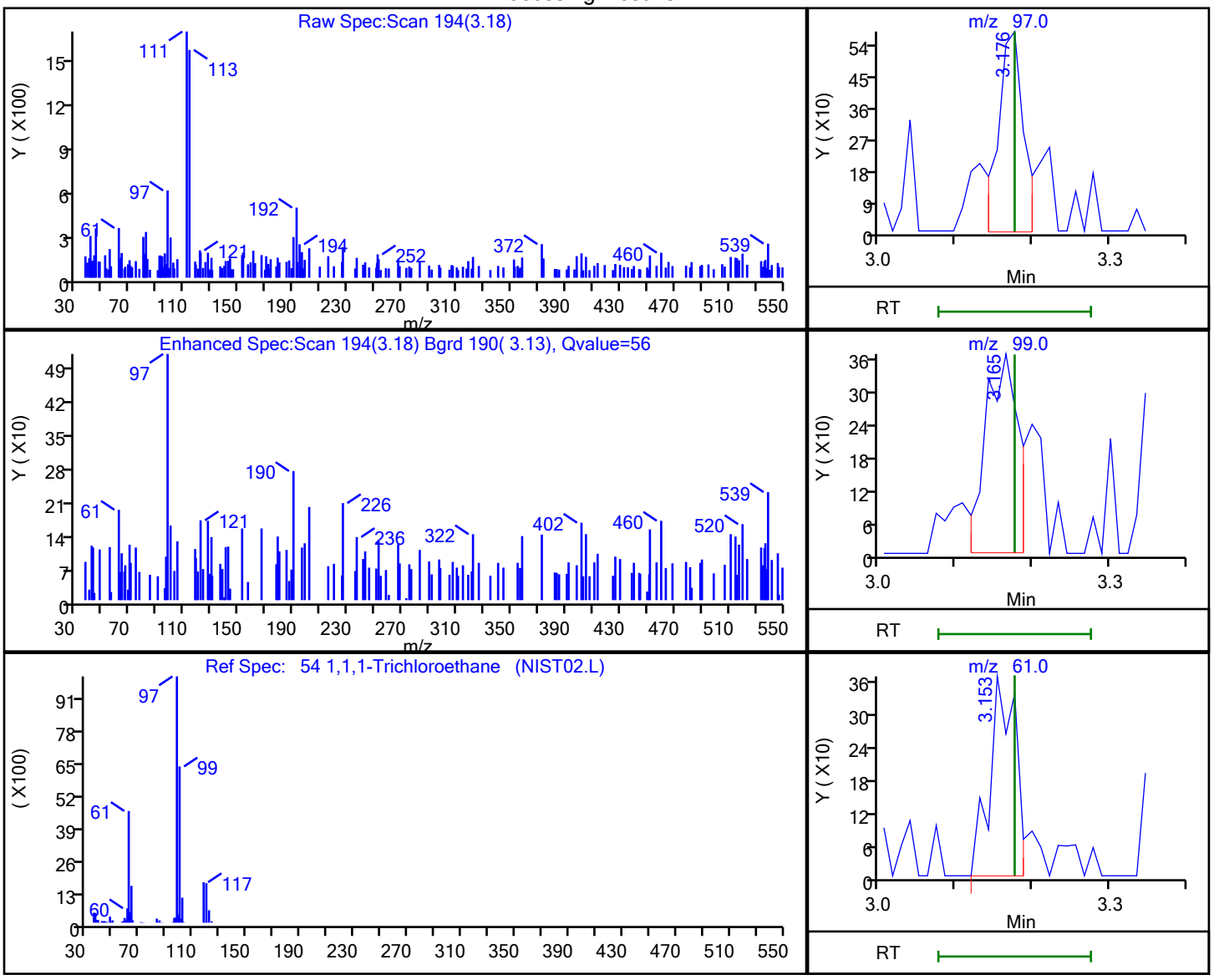
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

54 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
3.18	97.00	1346	0.207091
3.16	99.00	1097	
3.15	61.00	850	

Reviewer: NN6A, 23-Feb-2025 12:01:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

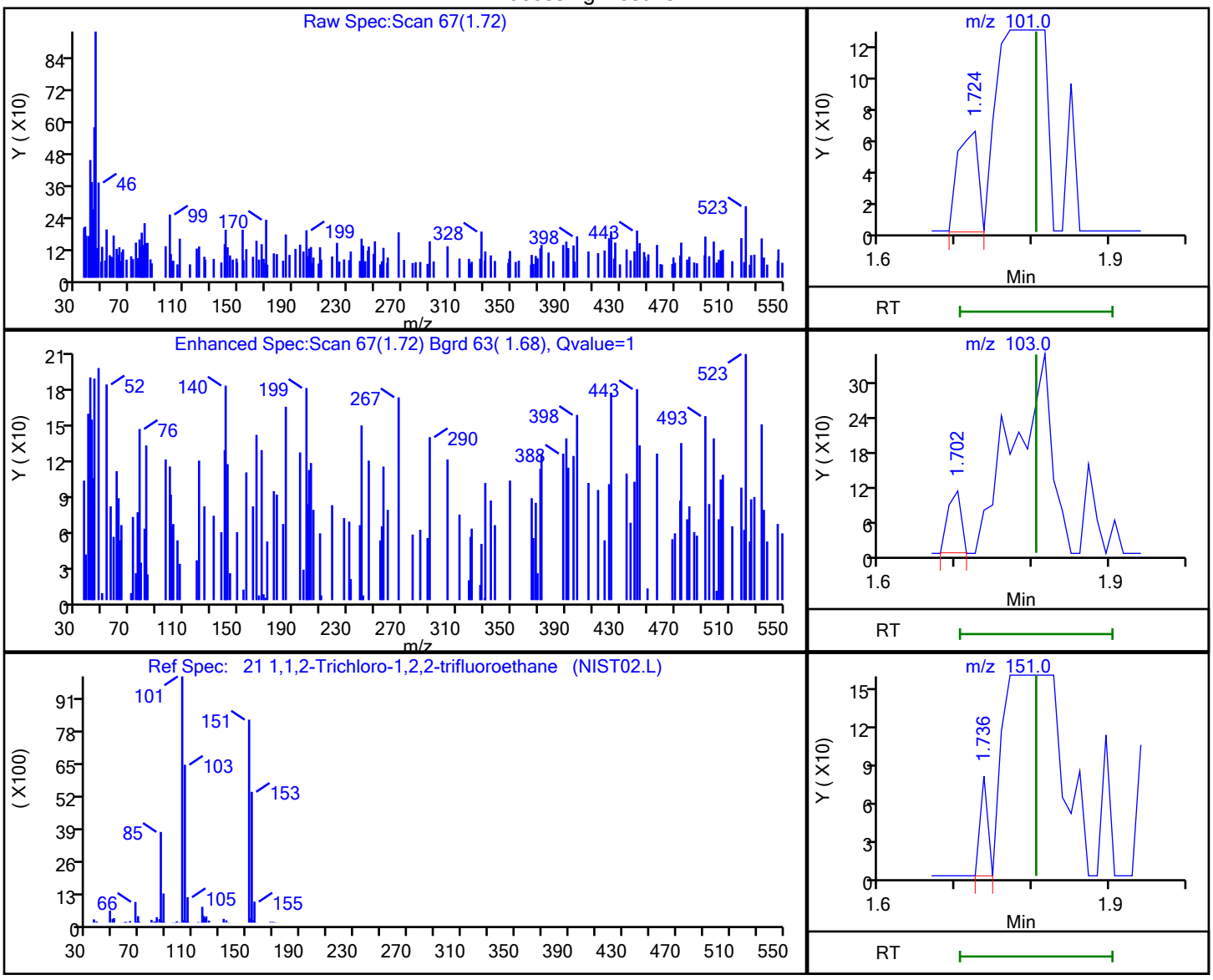
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
1.72	101.00	121	0.020930
1.70	103.00	130	
1.74	151.00	55	
1.71	85.00	91	

Reviewer: NN6A, 23-Feb-2025 12:01:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

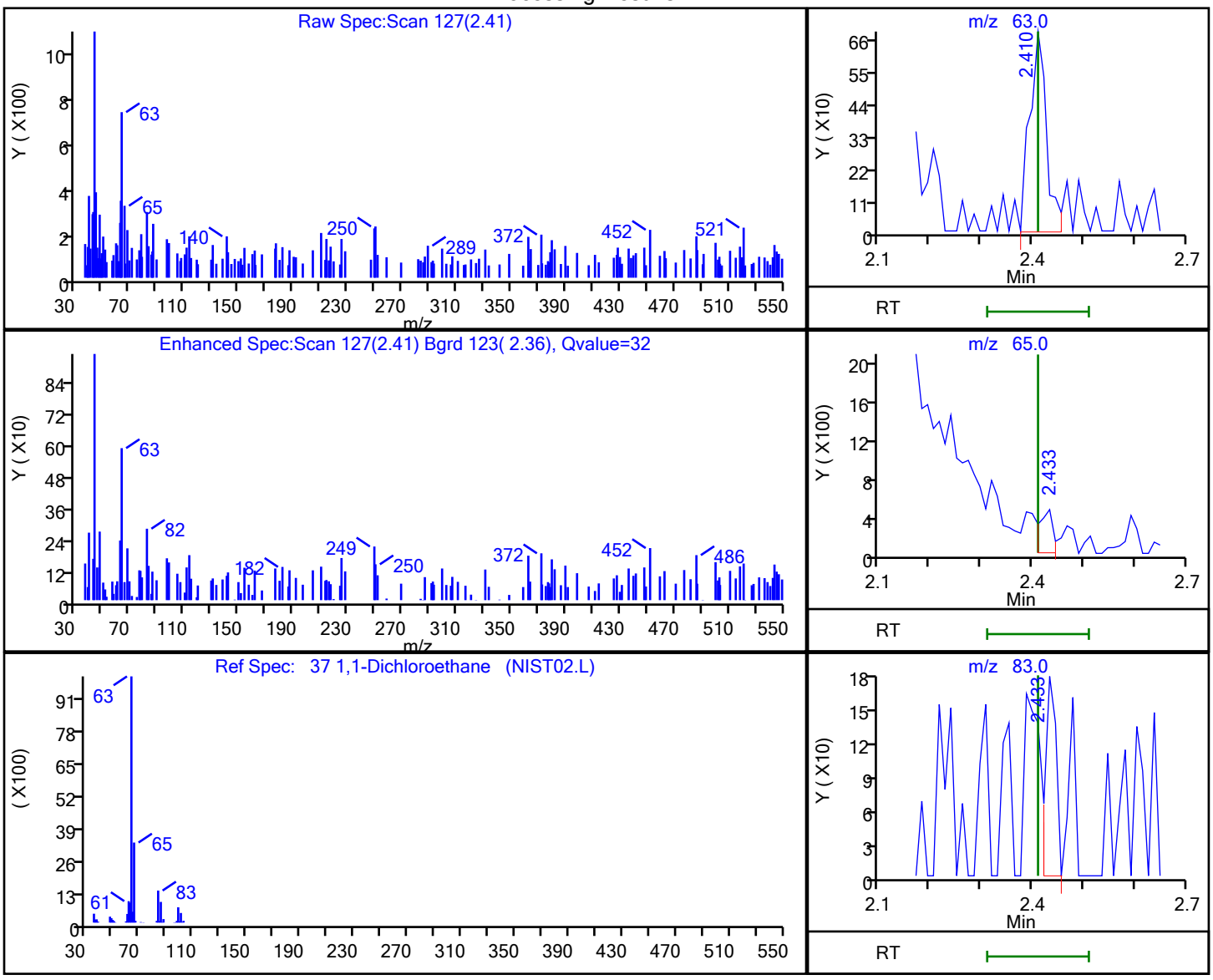
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
2.41	63.00	1578	0.229624
2.43	65.00	847	
2.43	83.00	250	

Reviewer: NN6A, 23-Feb-2025 12:01:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

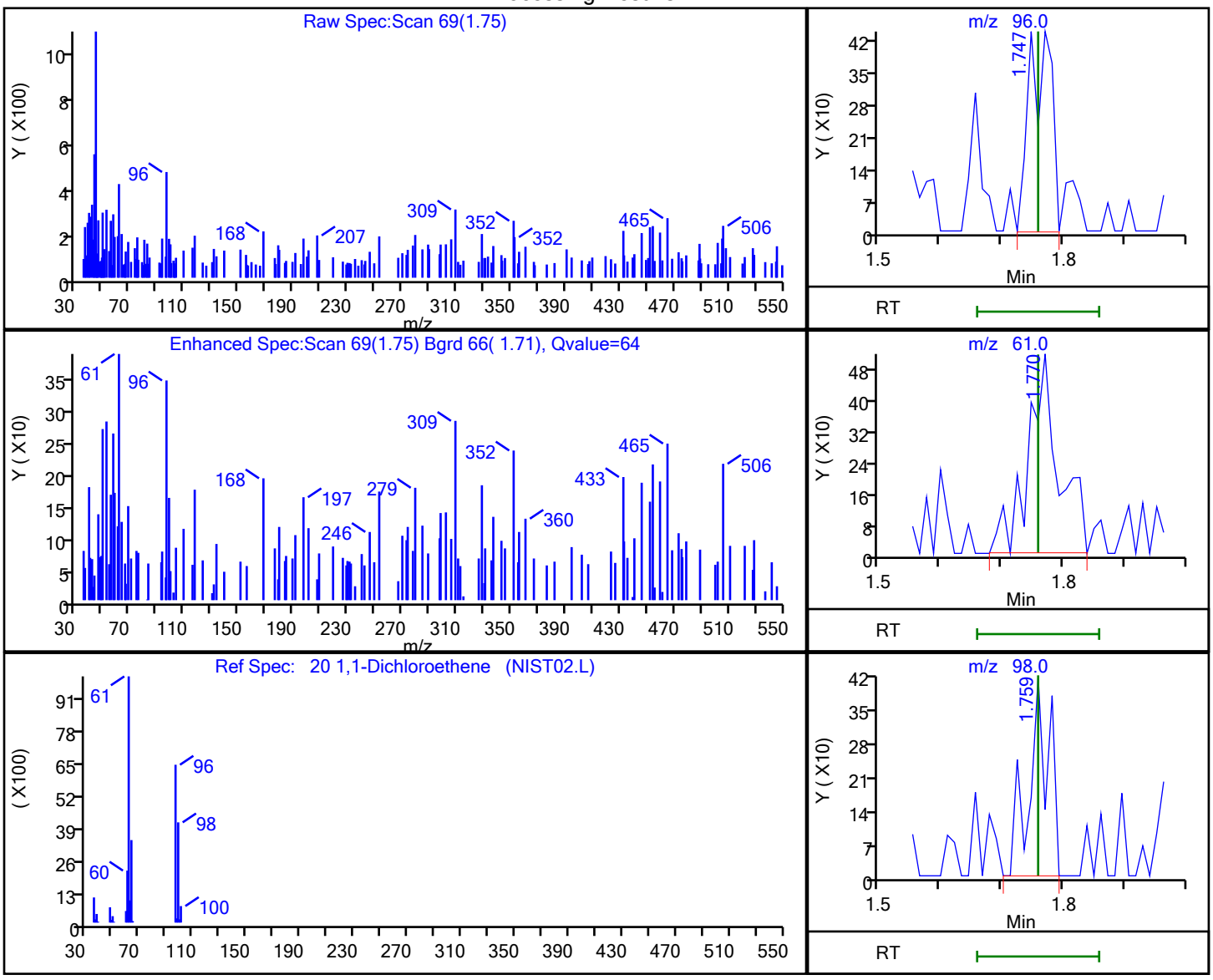
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
1.75	96.00	1123	0.239472
1.77	61.00	1829	
1.76	98.00	947	
1.75	63.00	523	

Reviewer: NN6A, 23-Feb-2025 12:01:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

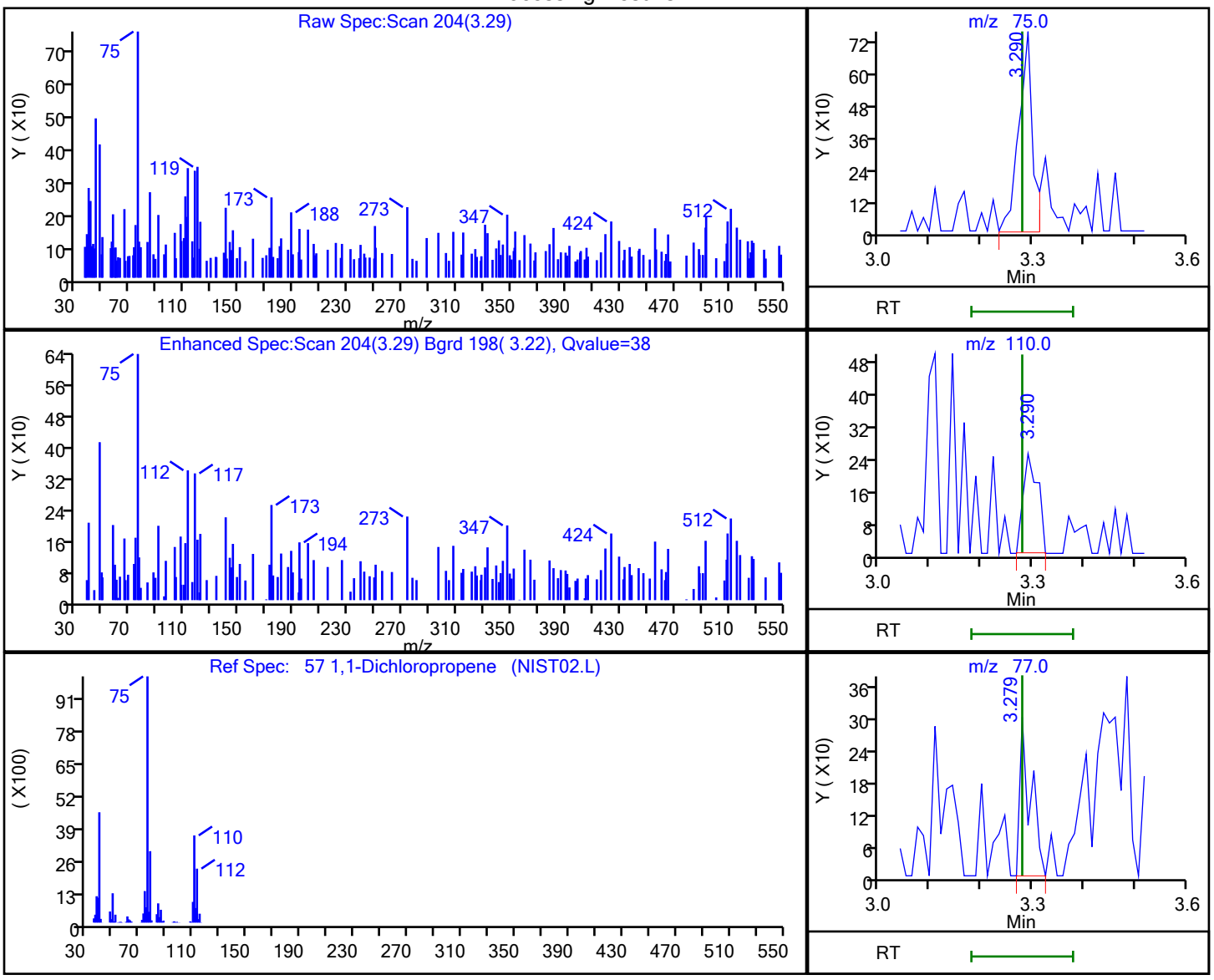
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
3.29	75.00	1419	0.278199
3.29	110.00	503	
3.28	77.00	438	

Reviewer: NN6A, 23-Feb-2025 12:01:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

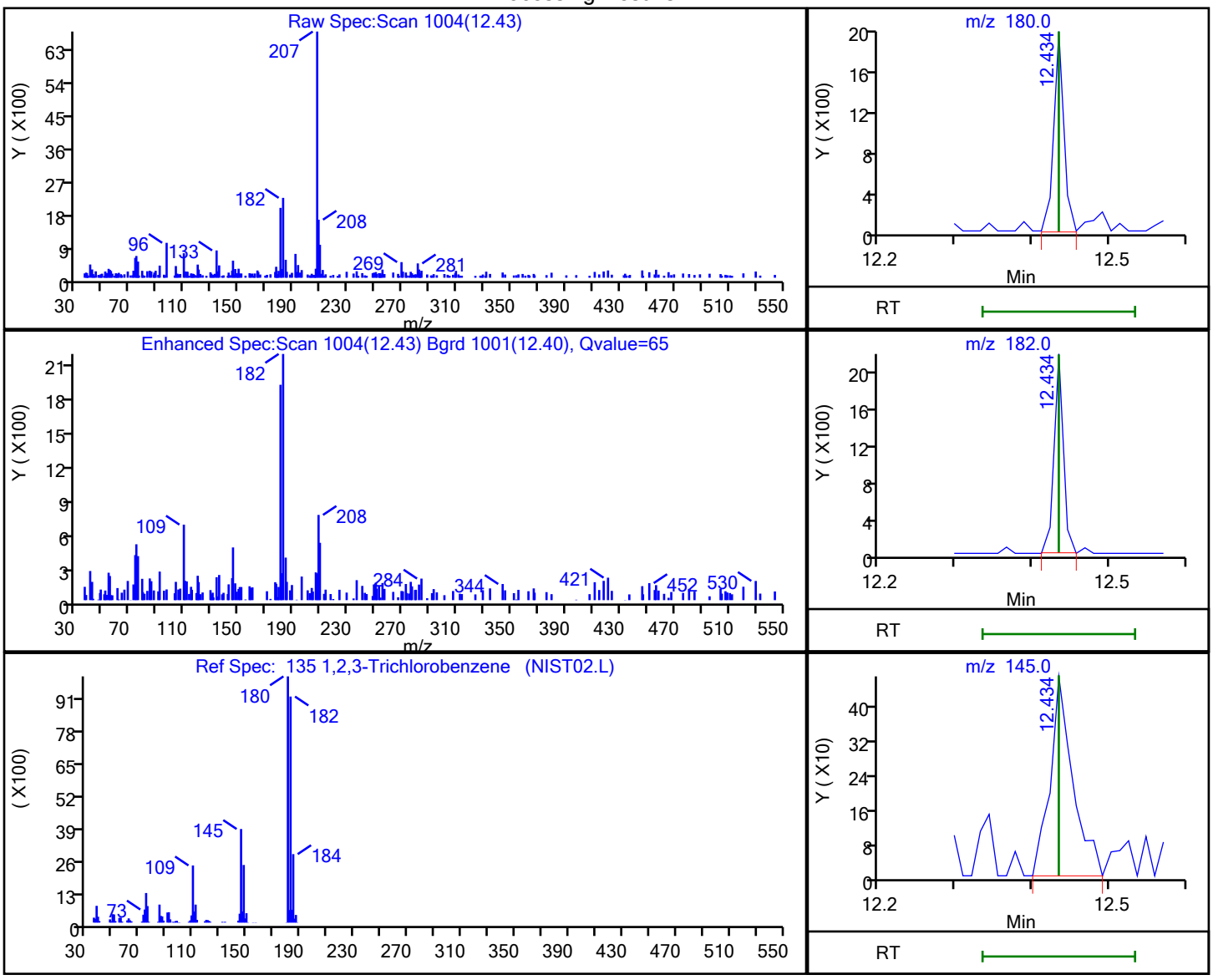
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.43	180.00	1760	0.230757
12.43	182.00	1871	
12.43	145.00	967	

Reviewer: NN6A, 23-Feb-2025 12:03:17 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

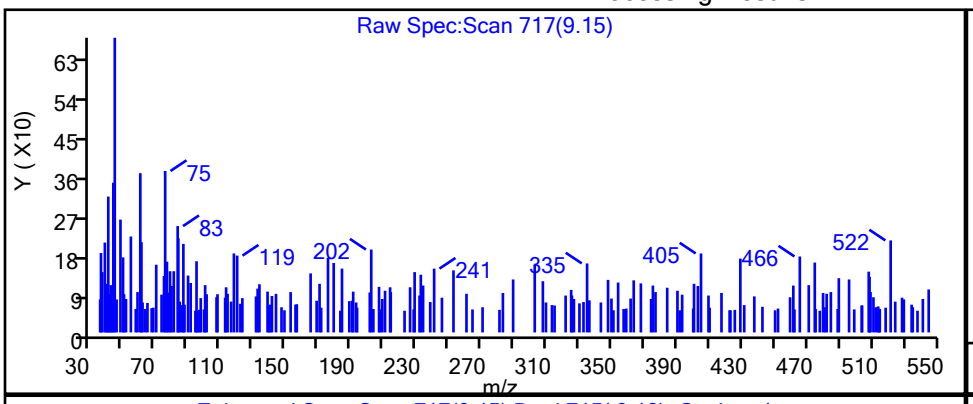
User Disabled Compound Report

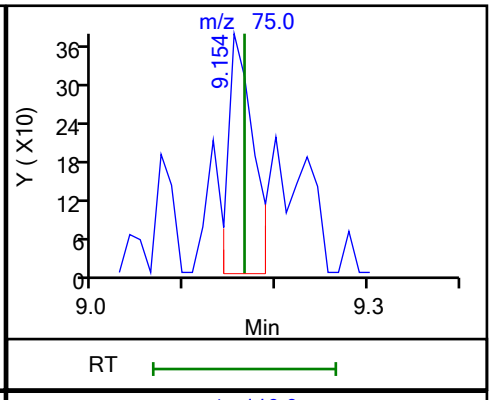
Eurofins Edison

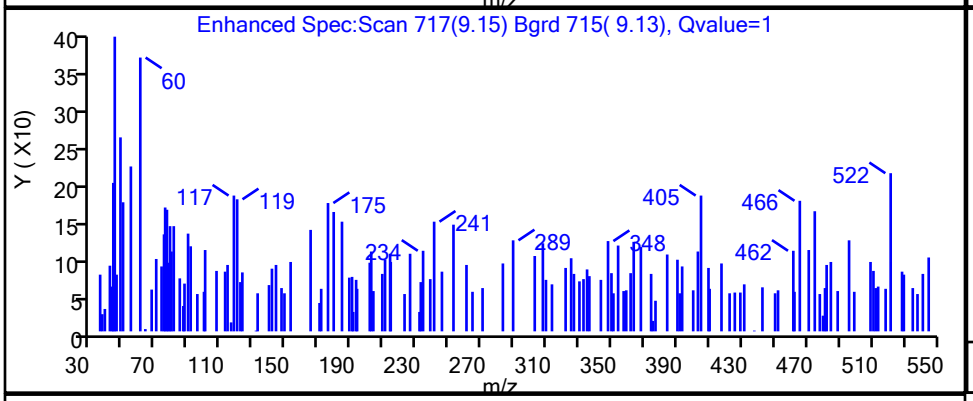
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

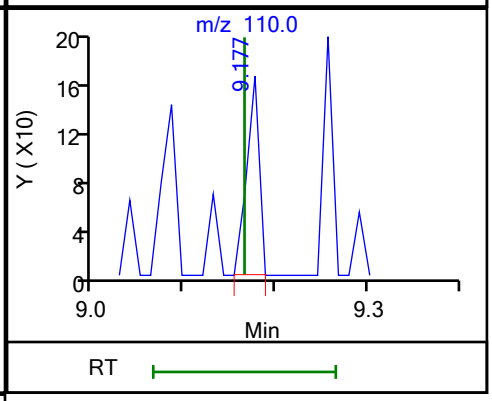
108 1,2,3-Trichloropropane, CAS: 96-18-4

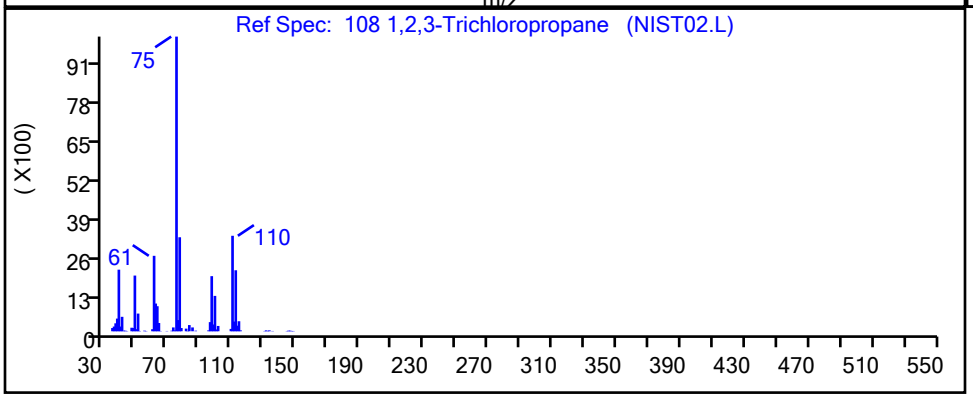
Processing Results











RT	Mass	Response	Amount
9.15	75.00	710	0.234829
9.18	110.00	161	

Reviewer: NN6A, 23-Feb-2025 12:03:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

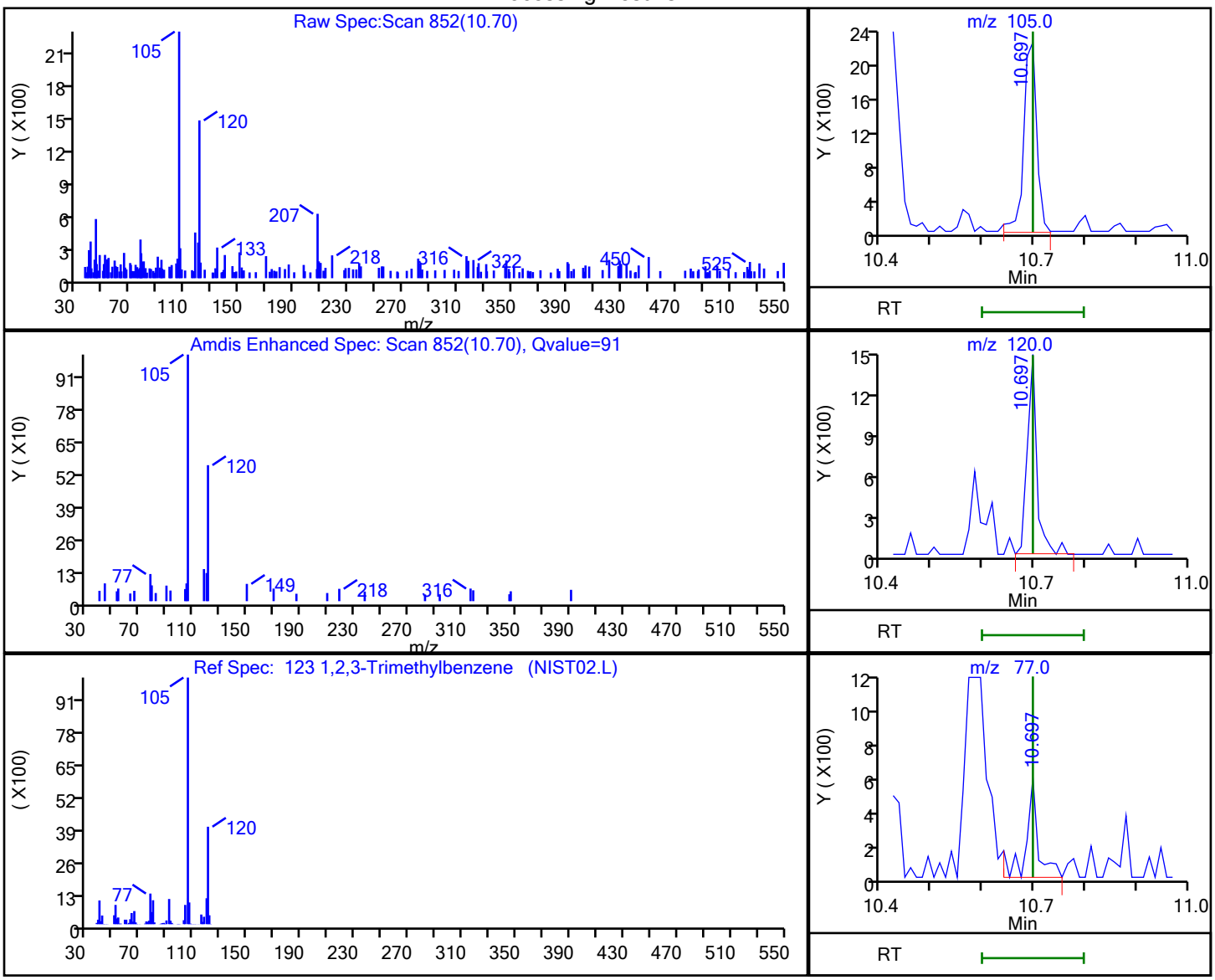
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.70	105.00	3940	0.227874
10.70	120.00	1867	
10.70	77.00	957	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

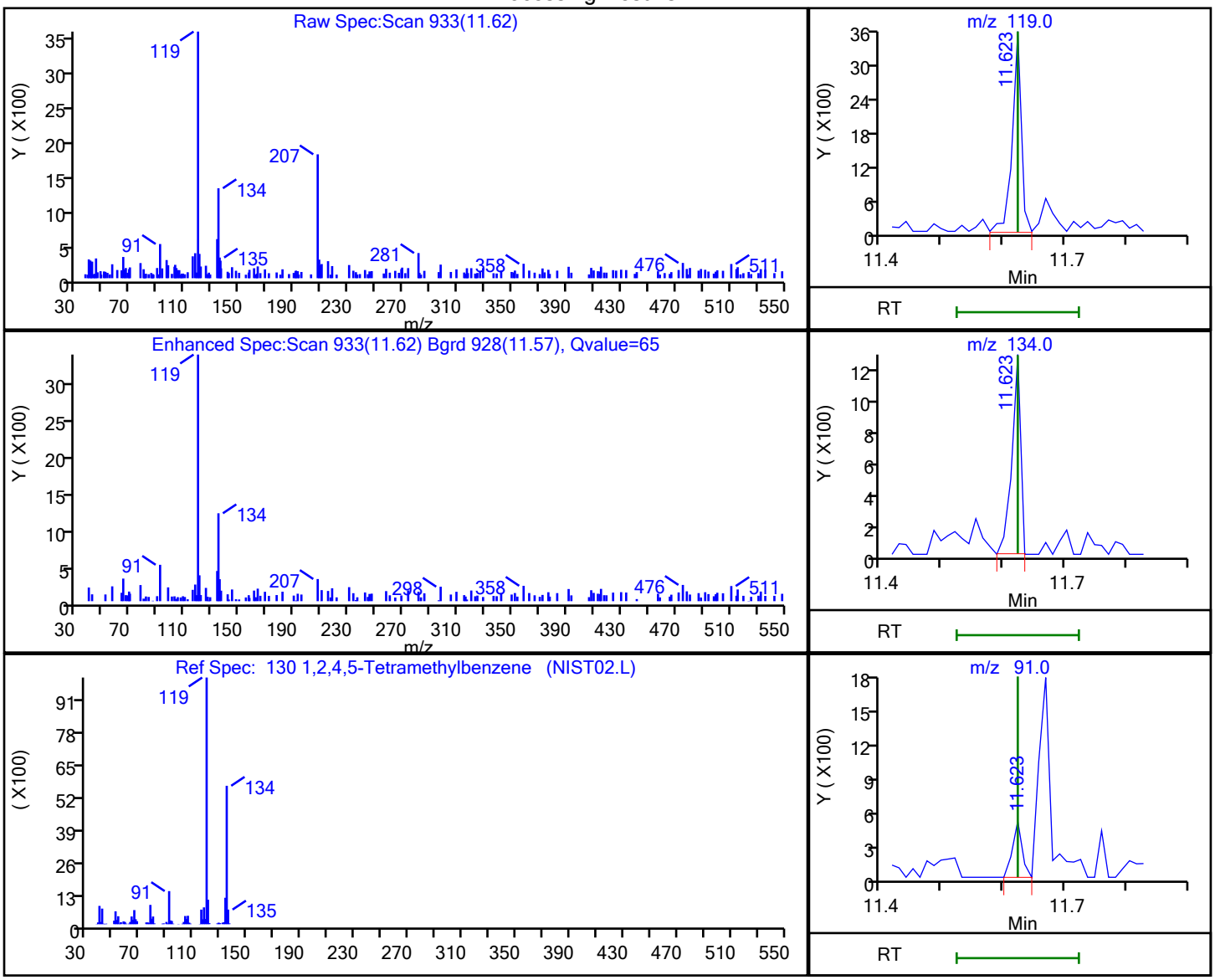
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.62	119.00	3608	0.218876
11.62	134.00	1289	
11.62	91.00	534	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

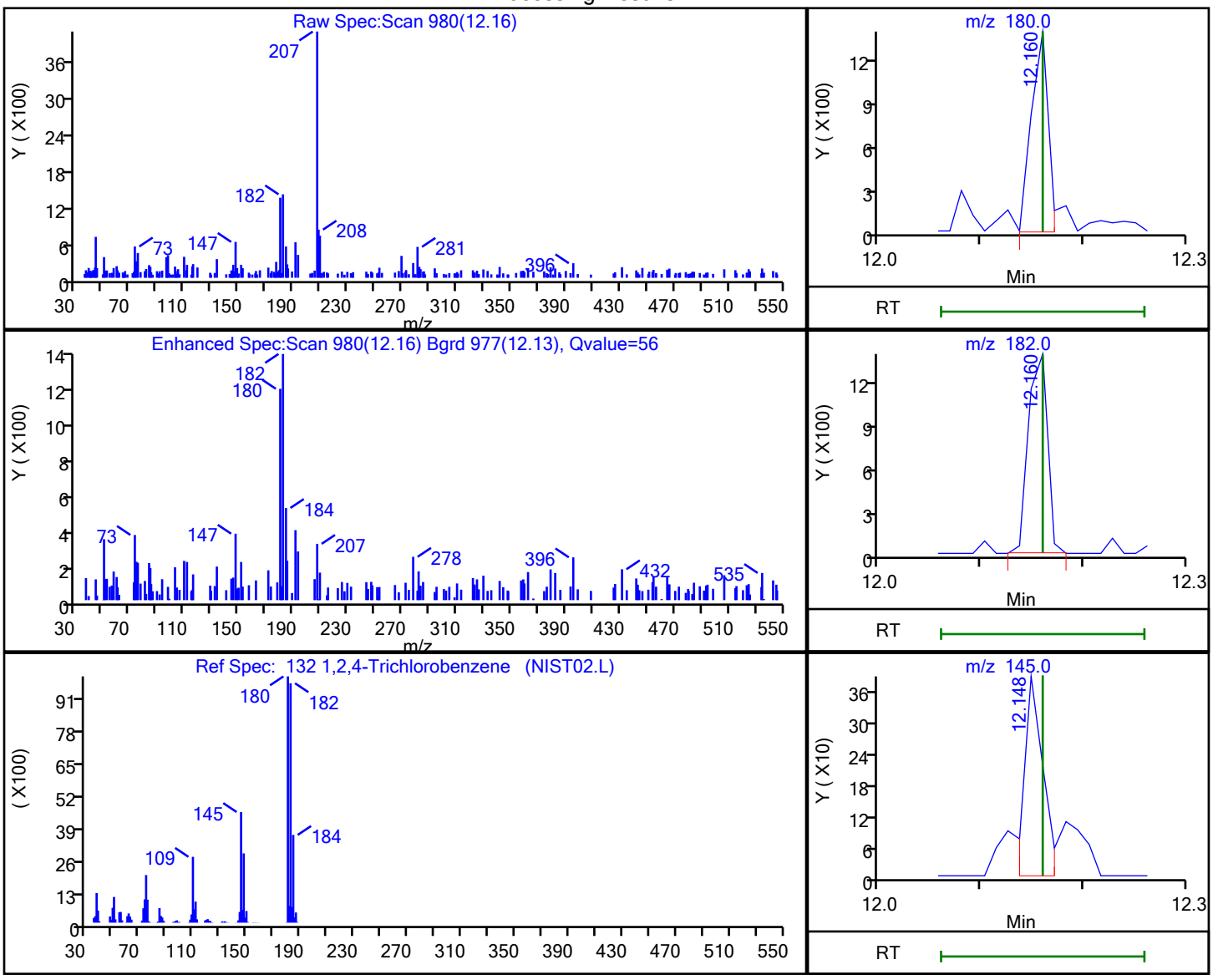
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.16	180.00	1539	0.213916
12.16	182.00	1818	
12.15	145.00	501	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

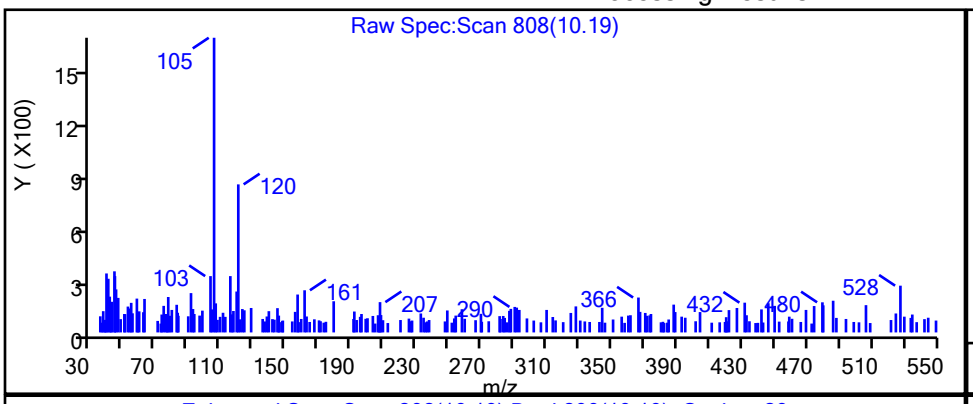
User Disabled Compound Report

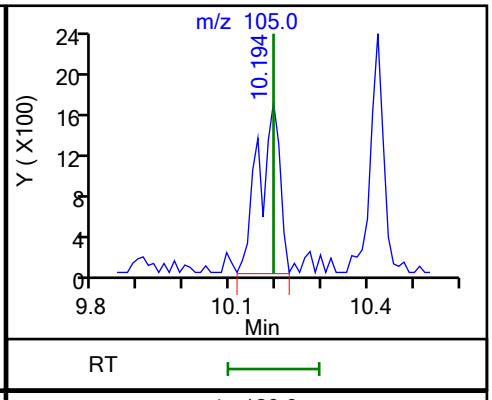
Eurofins Edison

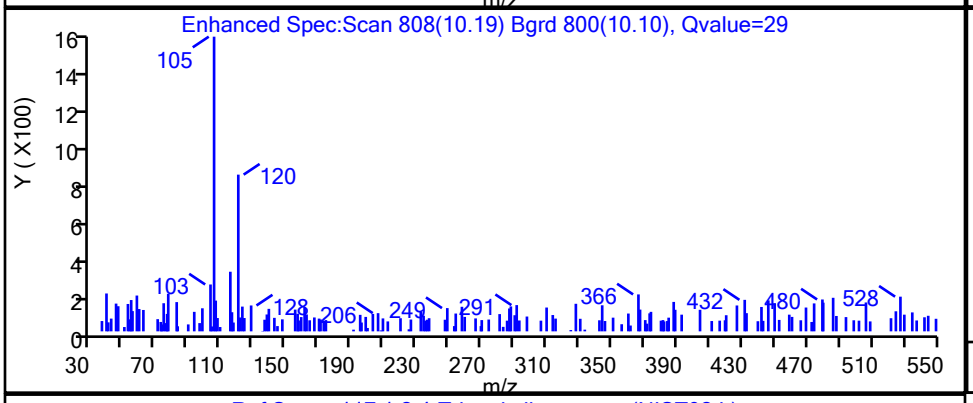
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

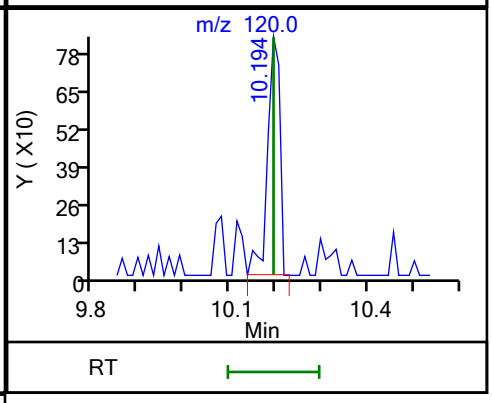
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

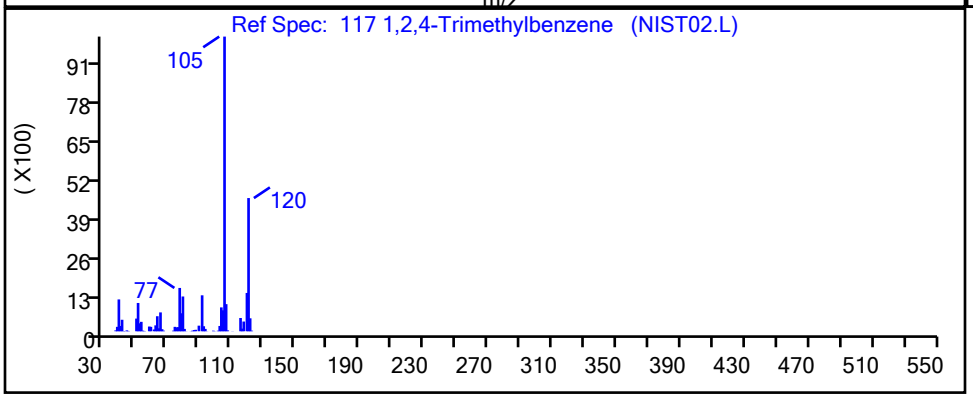
Processing Results











RT	Mass	Response	Amount
10.19	105.00	5386	0.339974
10.19	120.00	1561	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

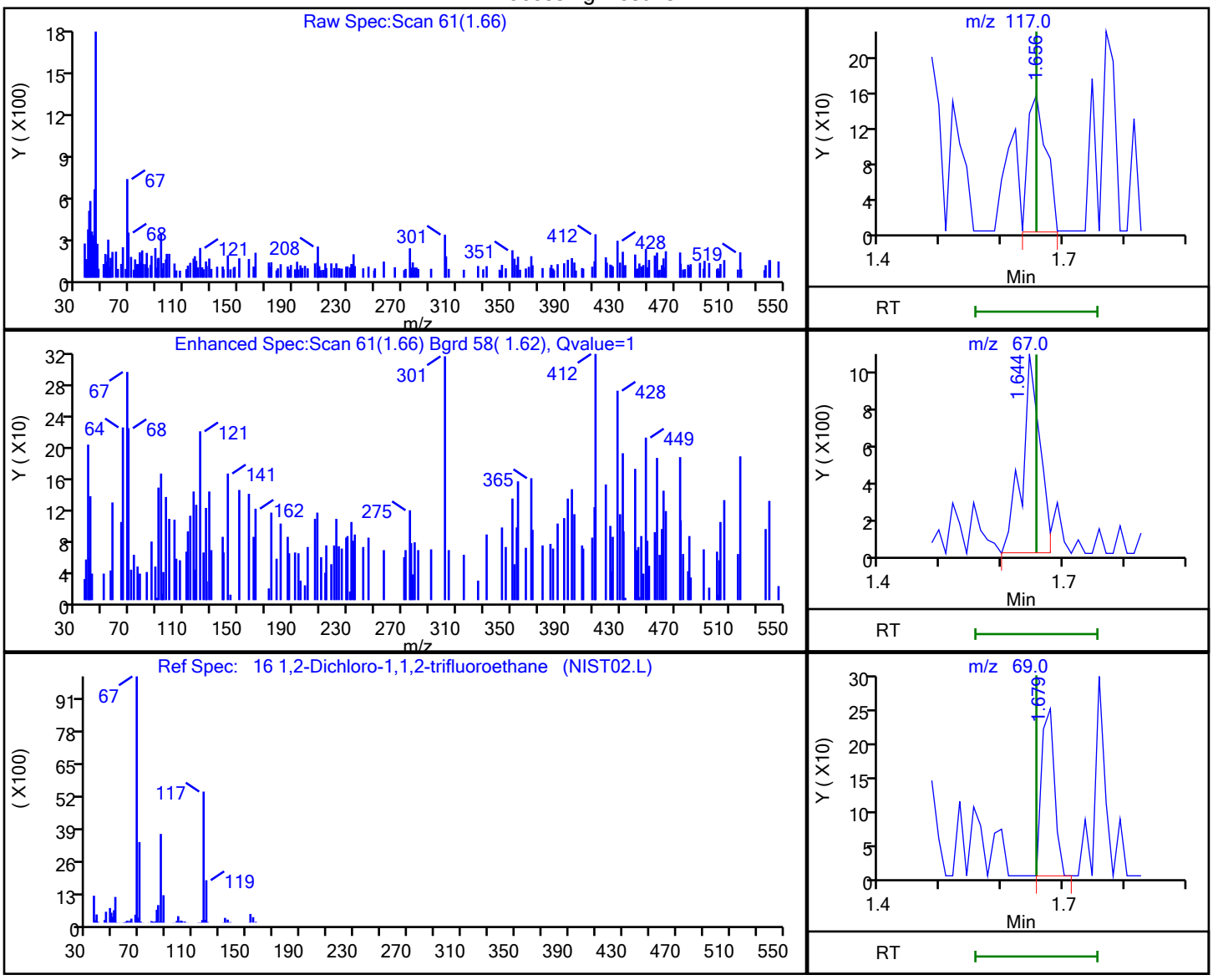
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
1.66	117.00	324	0.069072
1.64	67.00	2082	
1.68	69.00	363	
1.66	119.00	51	

Reviewer: NN6A, 23-Feb-2025 12:01:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

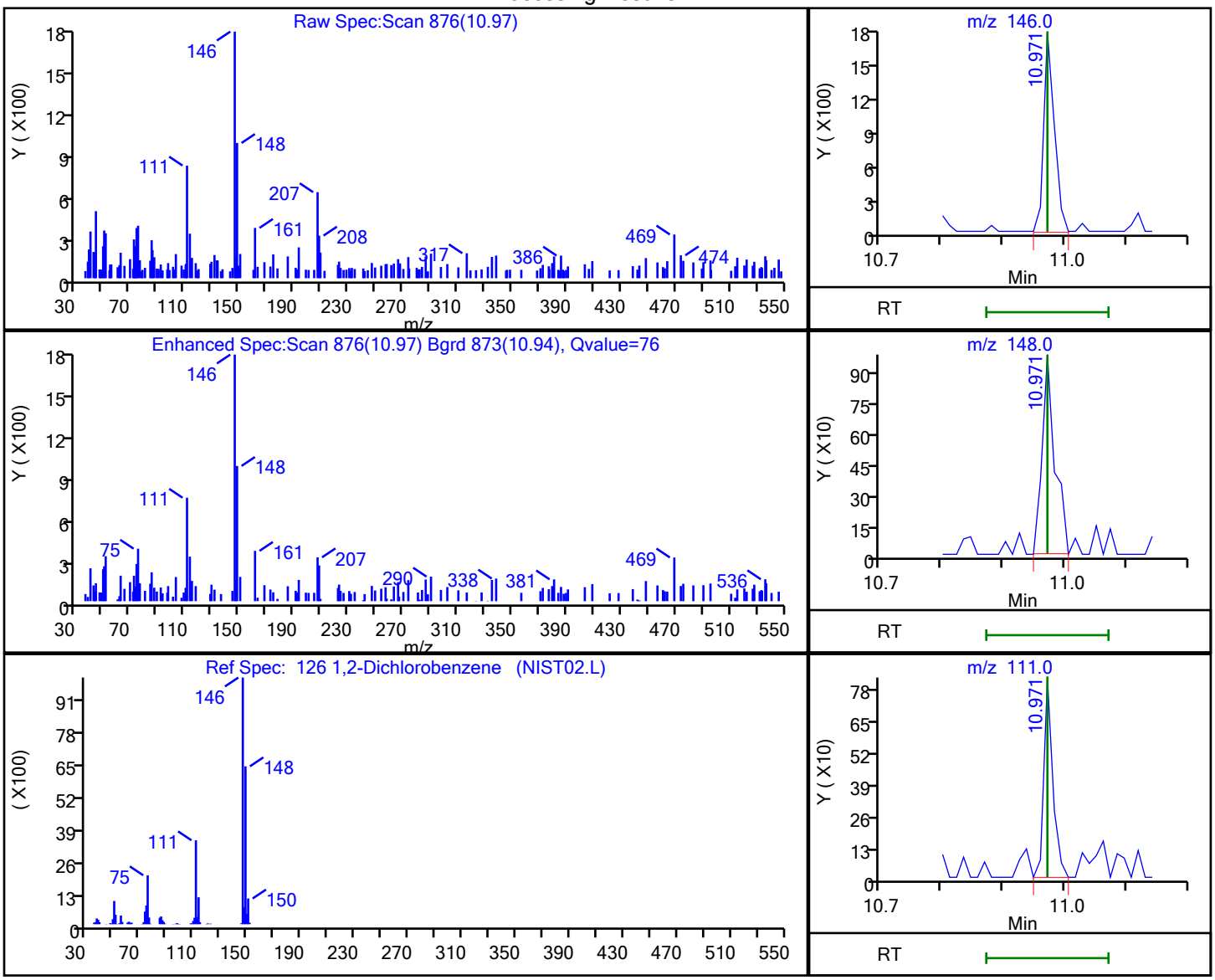
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

126 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.97	146.00	2168	0.233976
10.97	148.00	1443	
10.97	111.00	841	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

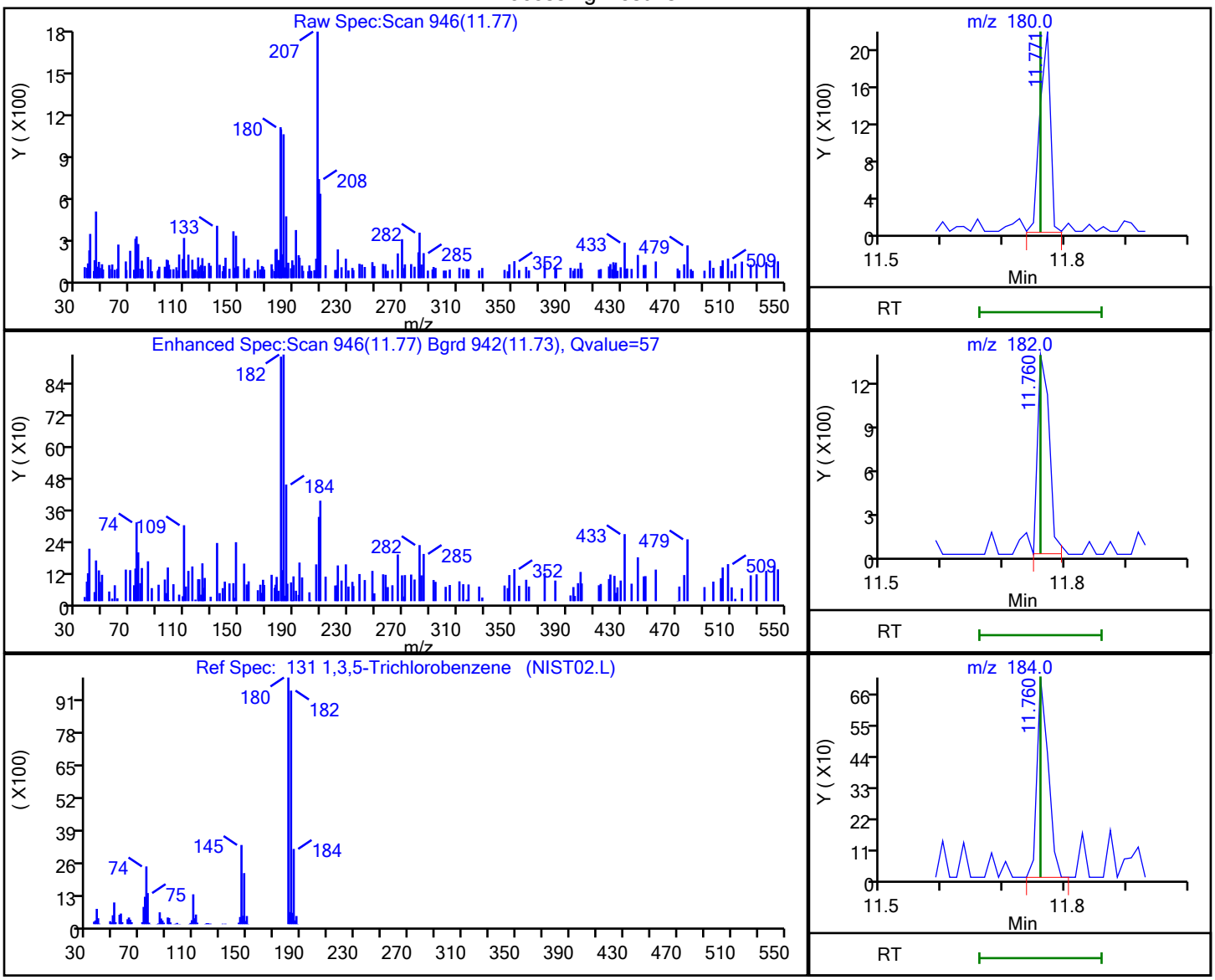
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
11.77	180.00	2548	0.324314
11.76	182.00	1721	
11.76	184.00	907	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

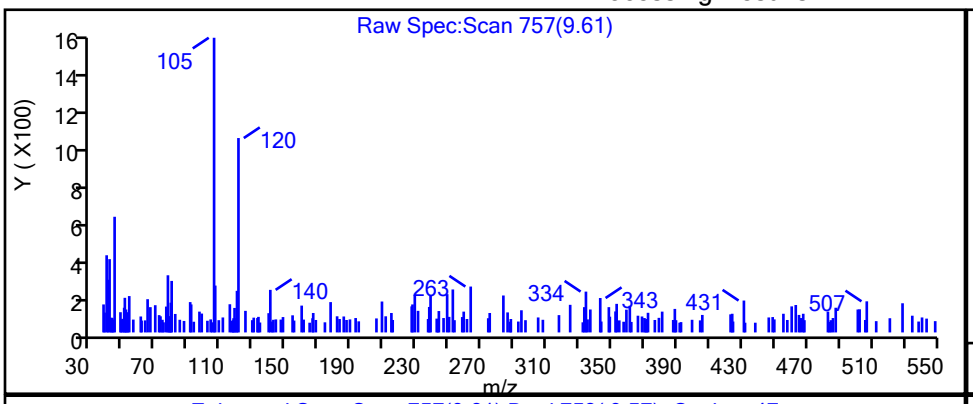
User Disabled Compound Report

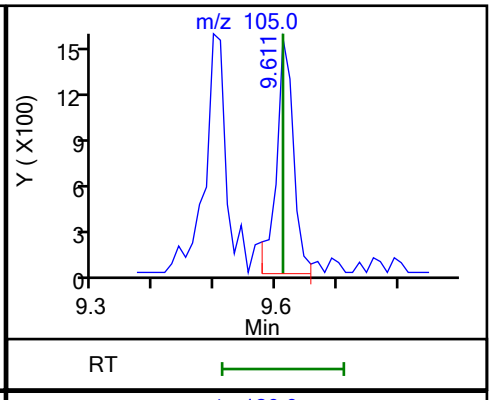
Eurofins Edison

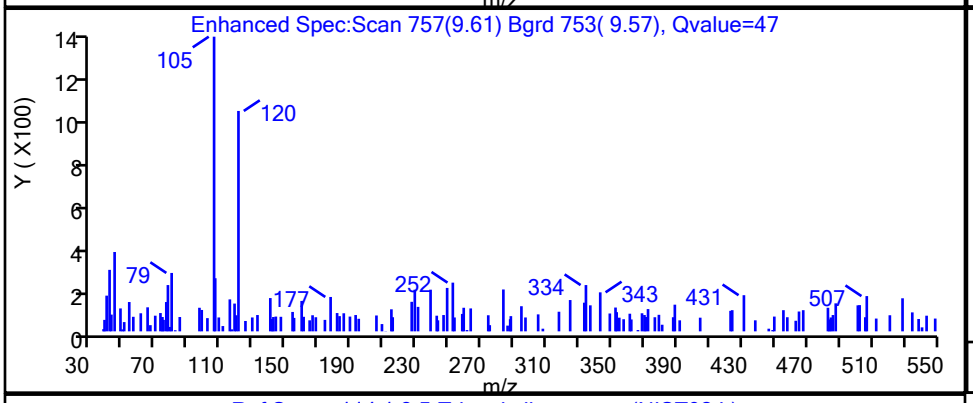
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

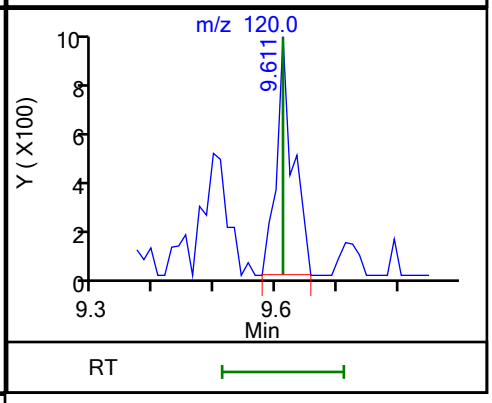
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

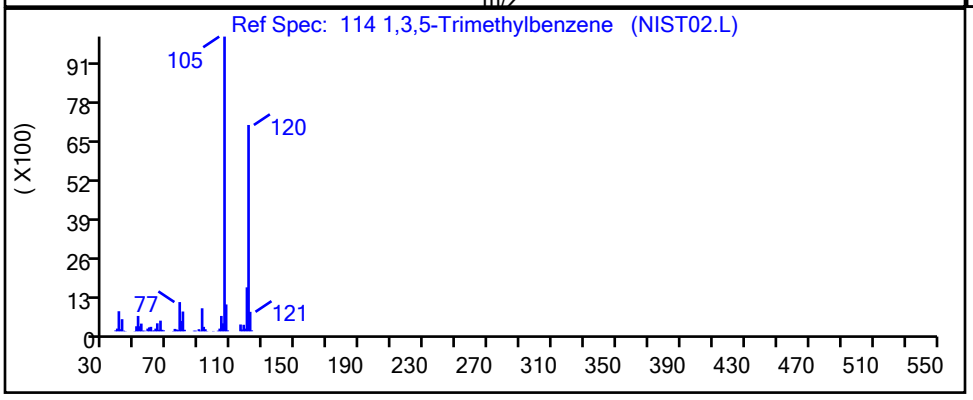
Processing Results











RT	Mass	Response	Amount
9.61	105.00	2955	0.201097
9.61	120.00	1888	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

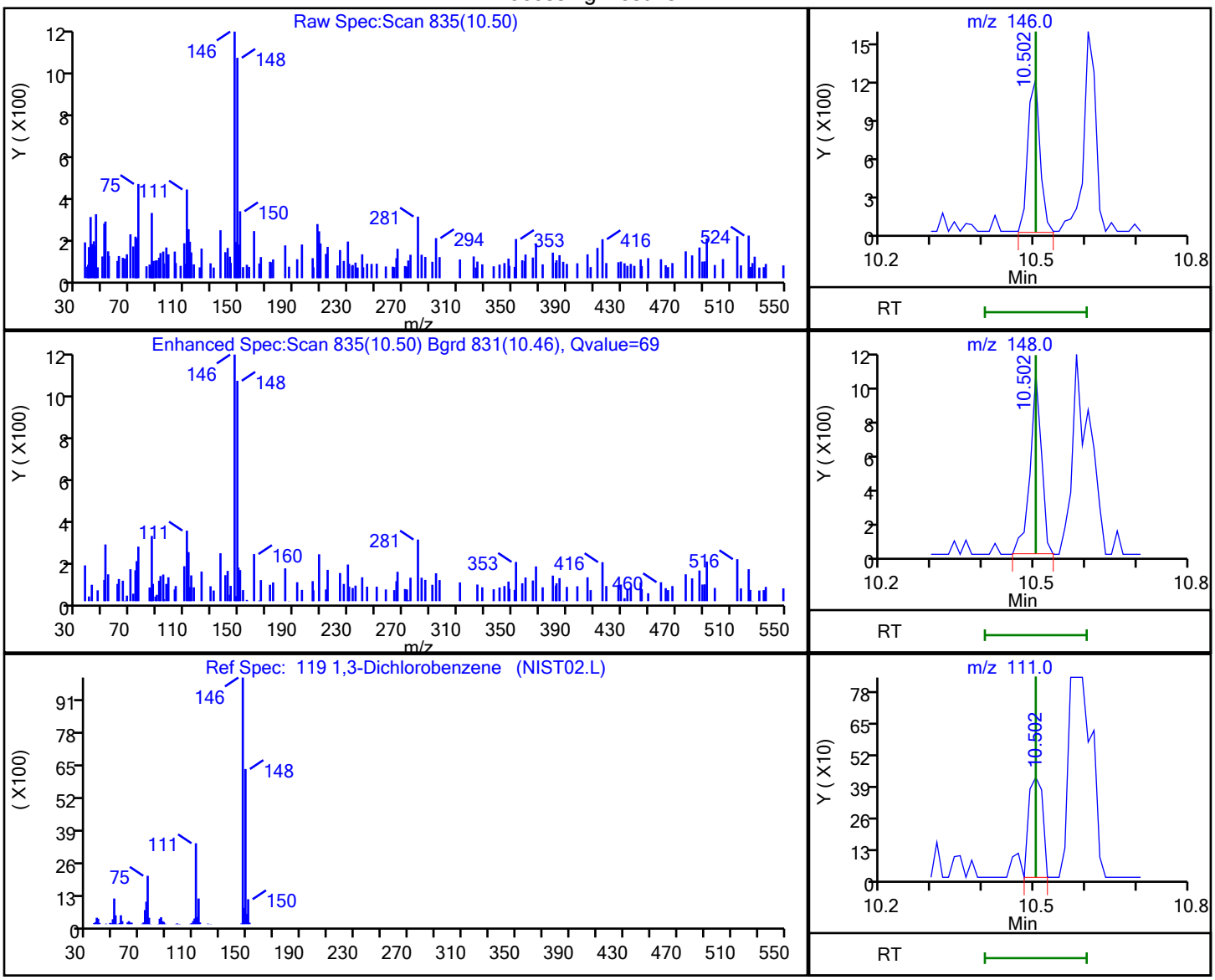
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.50	146.00	1909	0.214646
10.50	148.00	1613	
10.50	111.00	787	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

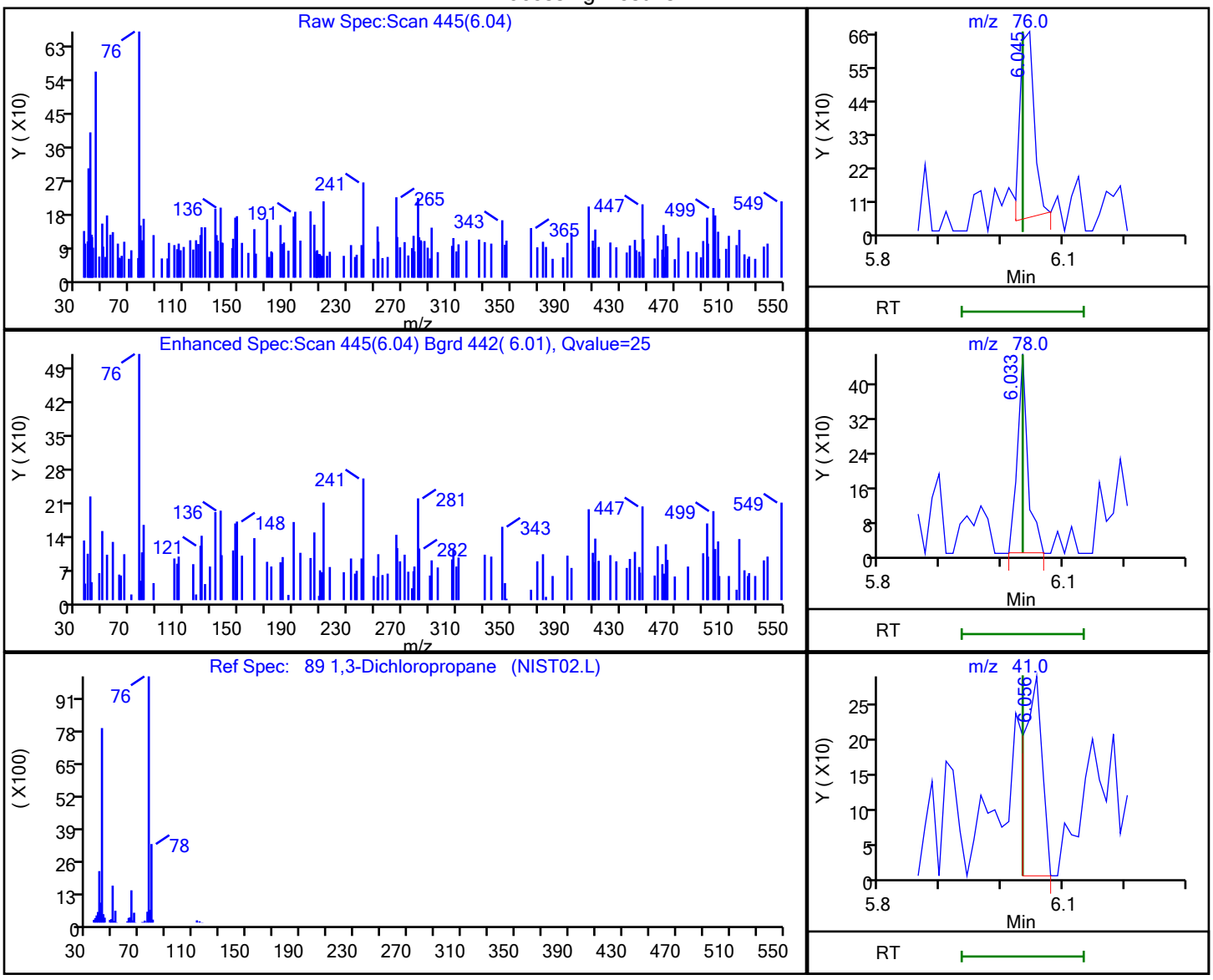
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
6.04	76.00	1017	0.203583
6.03	78.00	549	
6.06	41.00	584	

Reviewer: NN6A, 23-Feb-2025 12:02:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

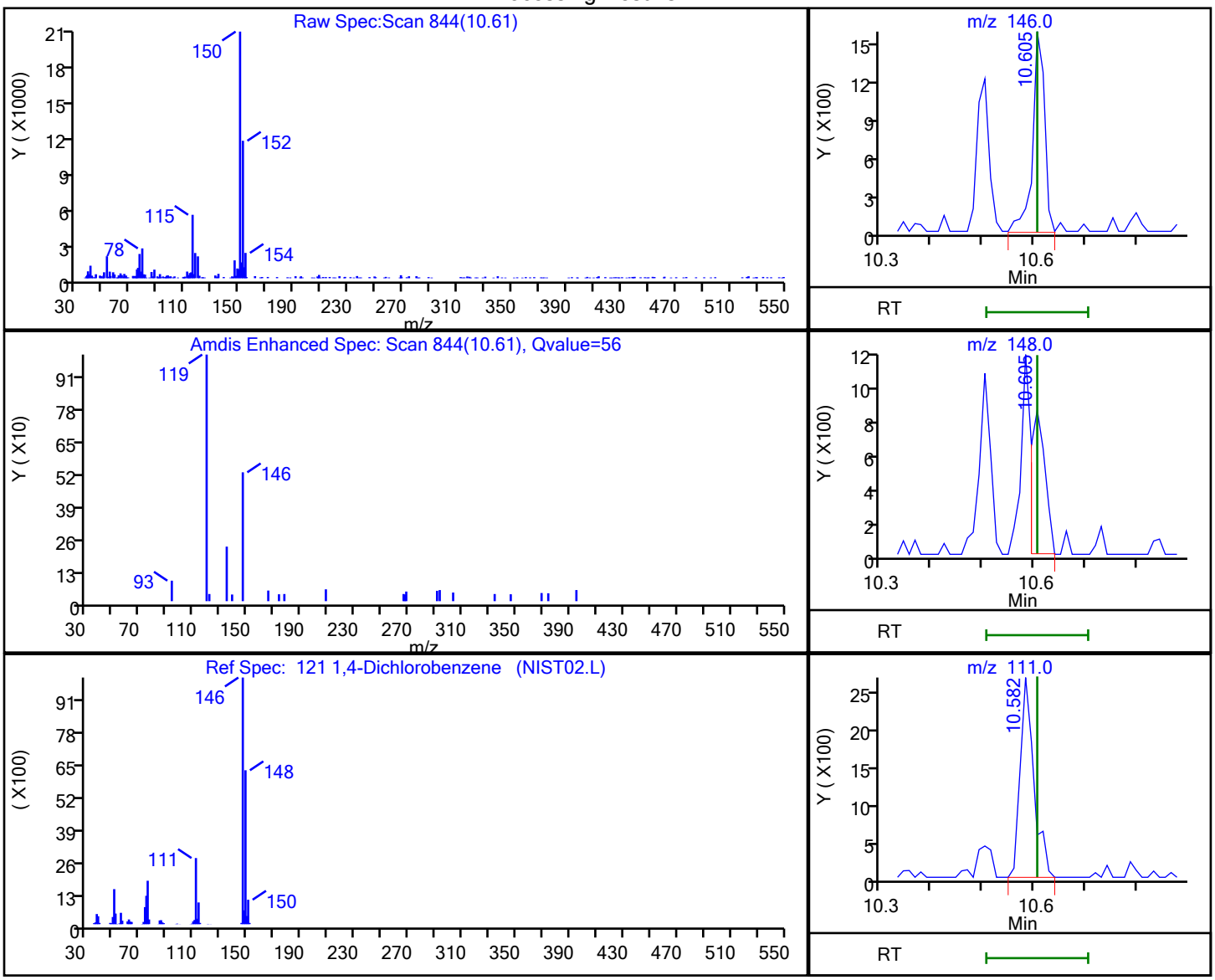
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

121 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.61	146.00	2463	0.252347
10.61	148.00	1595	
10.58	111.00	4948	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

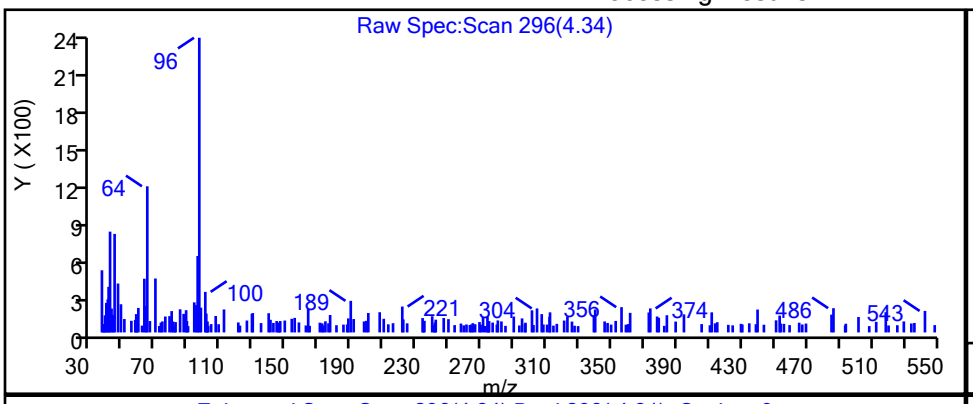
User Disabled Compound Report

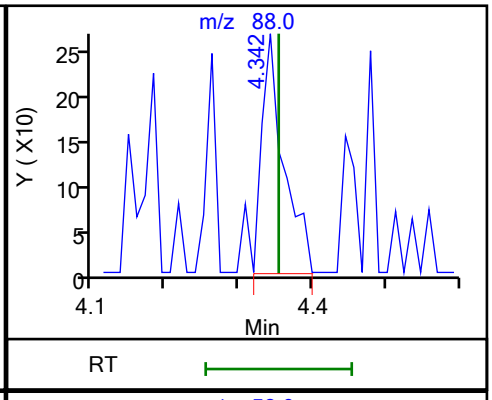
Eurofins Edison

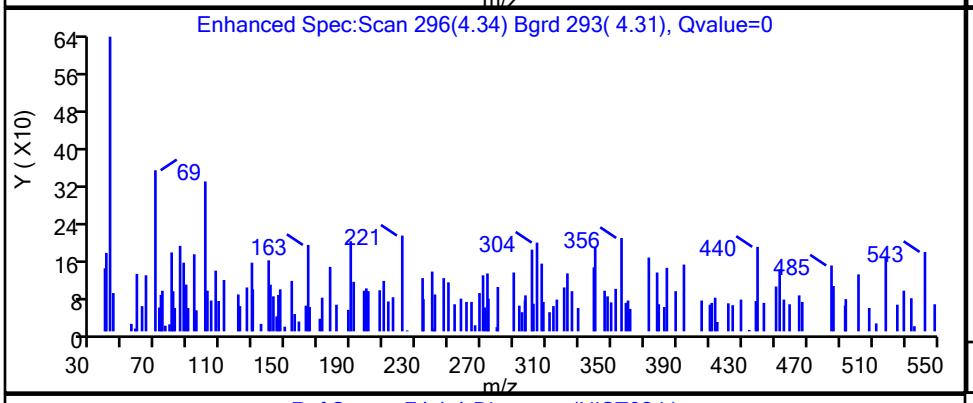
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

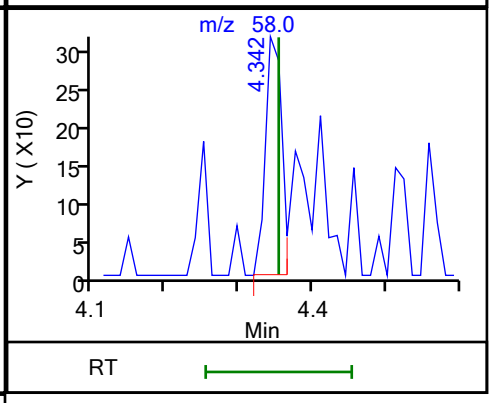
74 1,4-Dioxane, CAS: 123-91-1

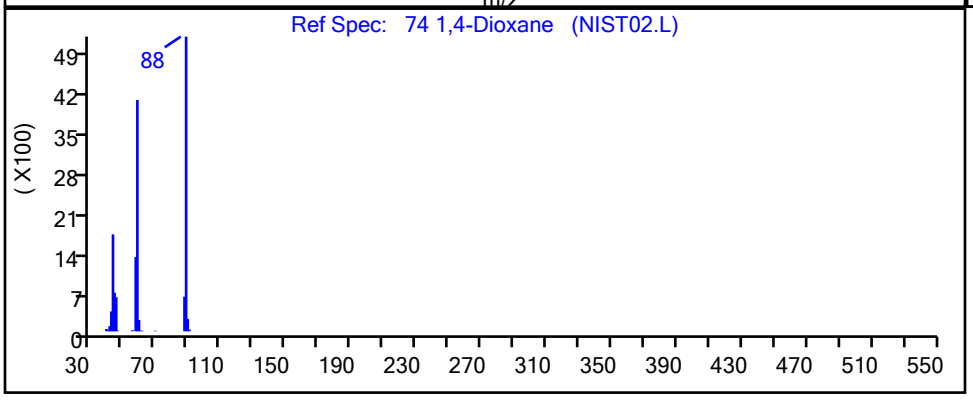
Processing Results











RT	Mass	Response	Amount
4.34	88.00	549	27.284708
4.34	58.00	499	

Reviewer: NN6A, 23-Feb-2025 12:02:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

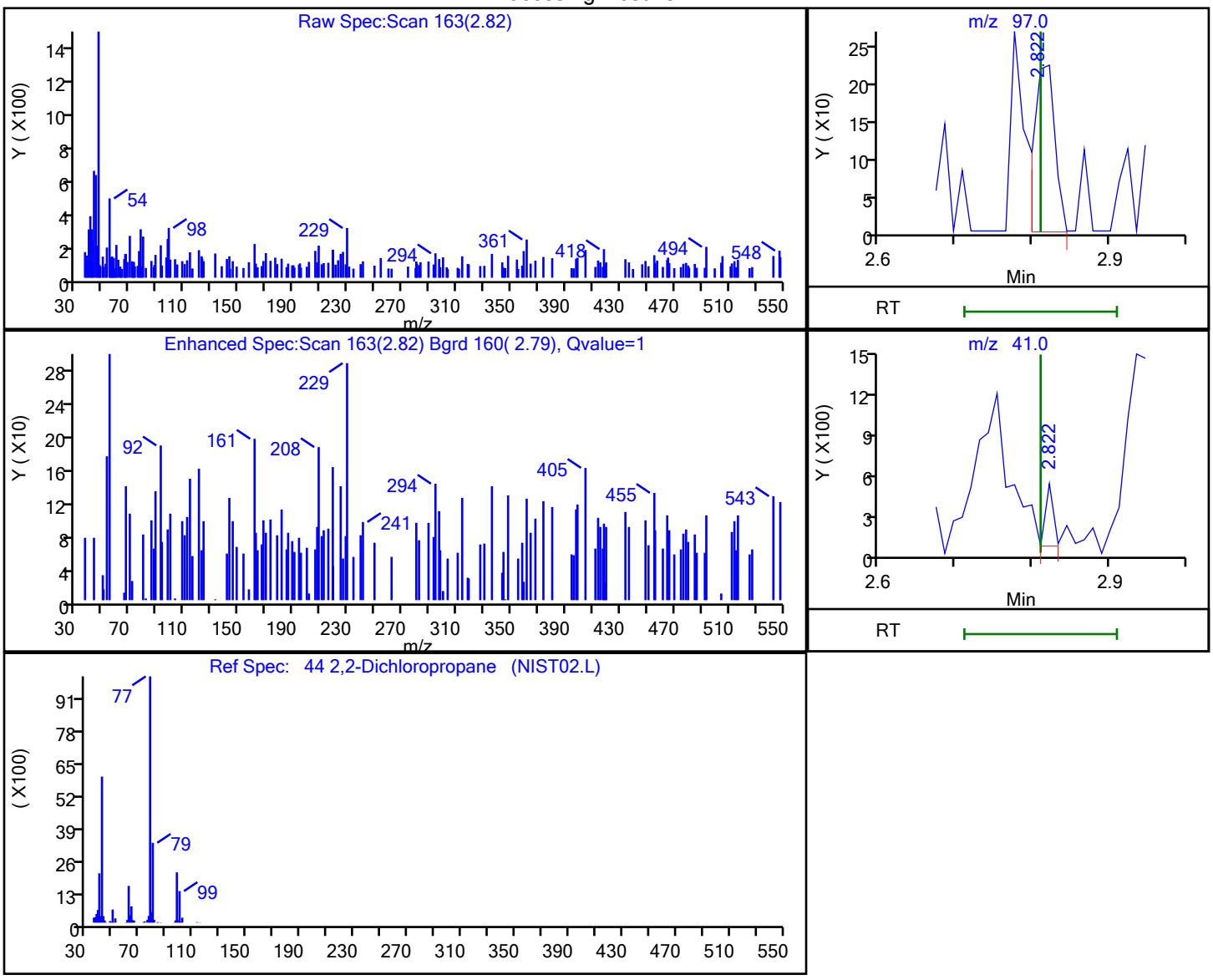
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
2.82	97.00	423	0.278492
2.82	41.00	311	

Reviewer: NN6A, 23-Feb-2025 12:01:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

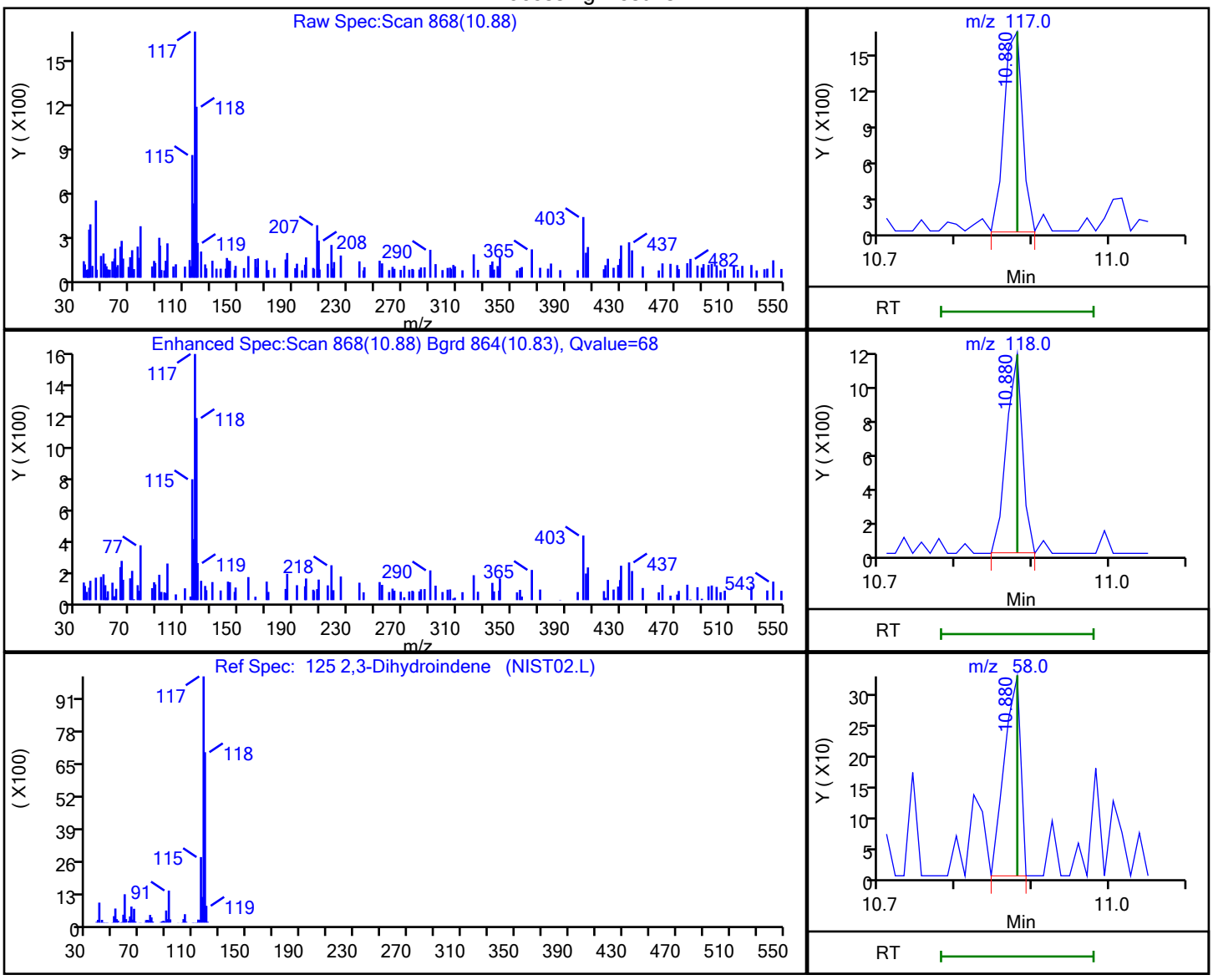
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

125 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
10.88	117.00	2795	0.181110
10.88	118.00	1703	
10.88	58.00	489	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

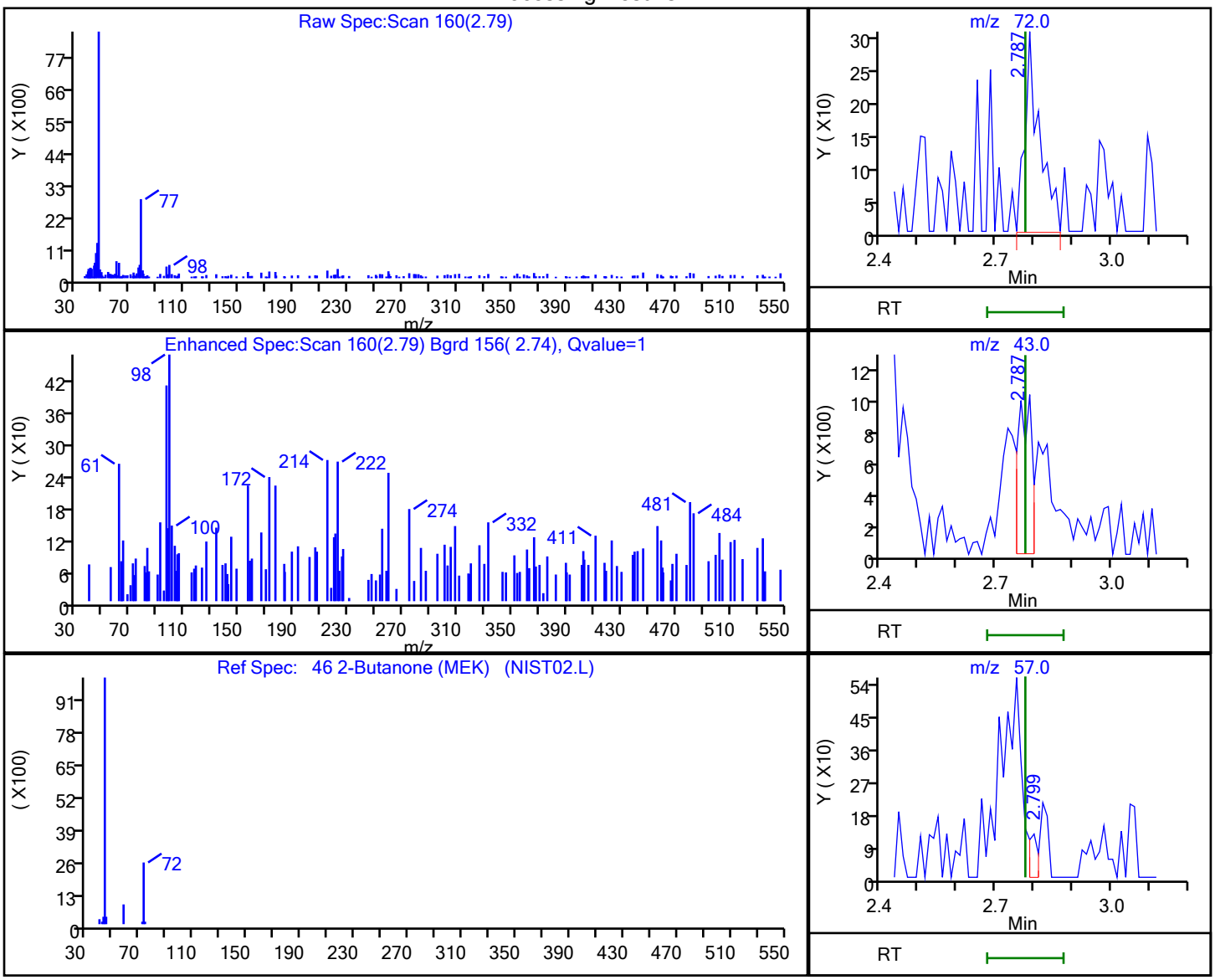
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

46 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
2.79	72.00	818	2.601691
2.79	43.00	2492	
2.80	57.00	198	

Reviewer: NN6A, 23-Feb-2025 12:01:28 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

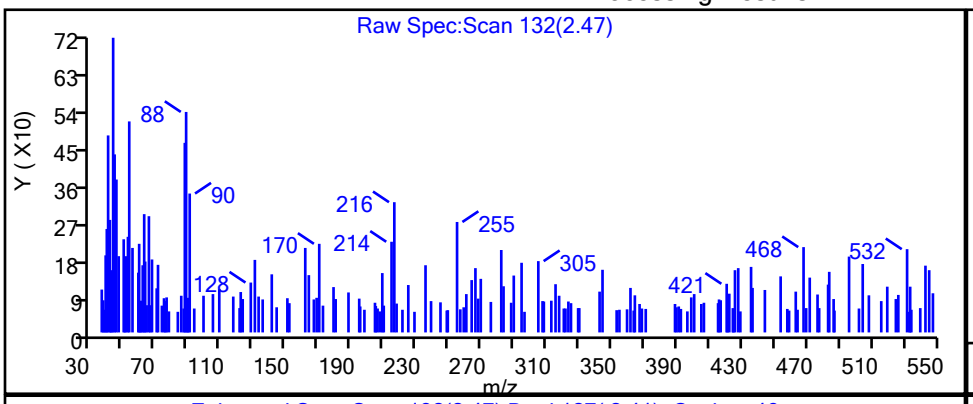
User Disabled Compound Report

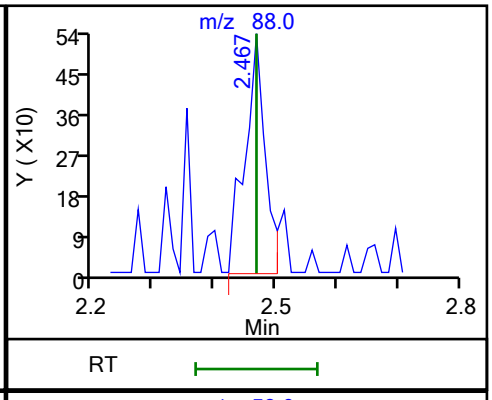
Eurofins Edison

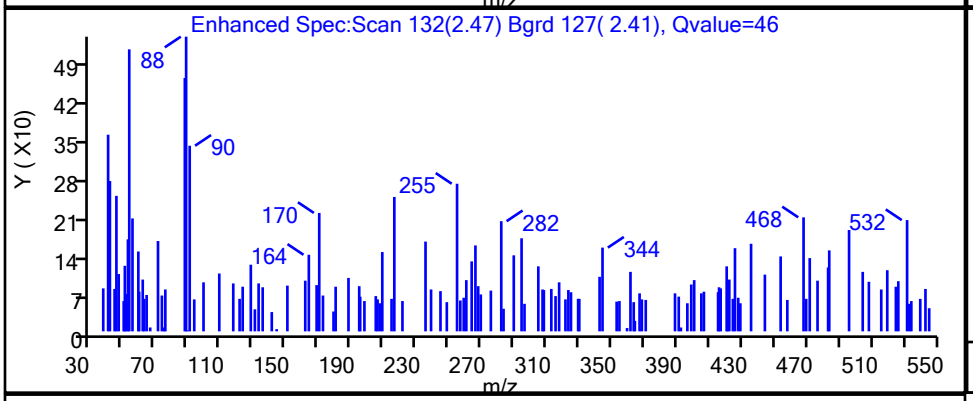
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

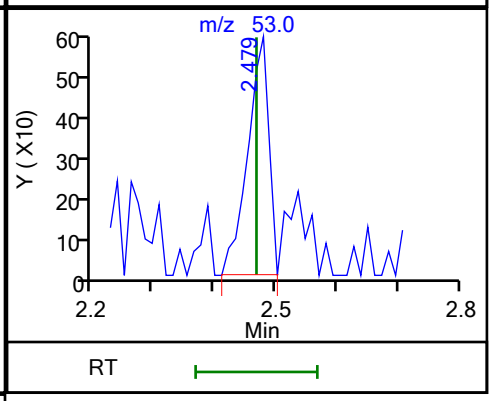
40 2-Chloro-1,3-butadiene, CAS: 126-99-8

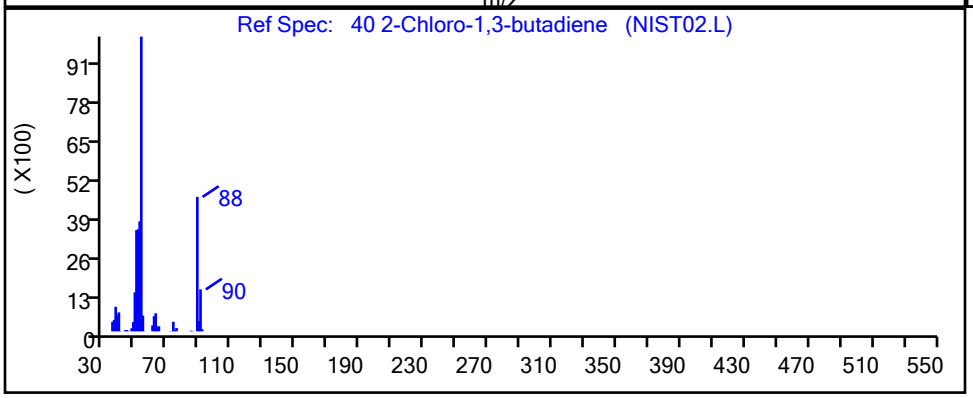
Processing Results











RT	Mass	Response	Amount
2.47	88.00	1239	0.347583
2.48	53.00	1441	

Reviewer: NN6A, 23-Feb-2025 12:01:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

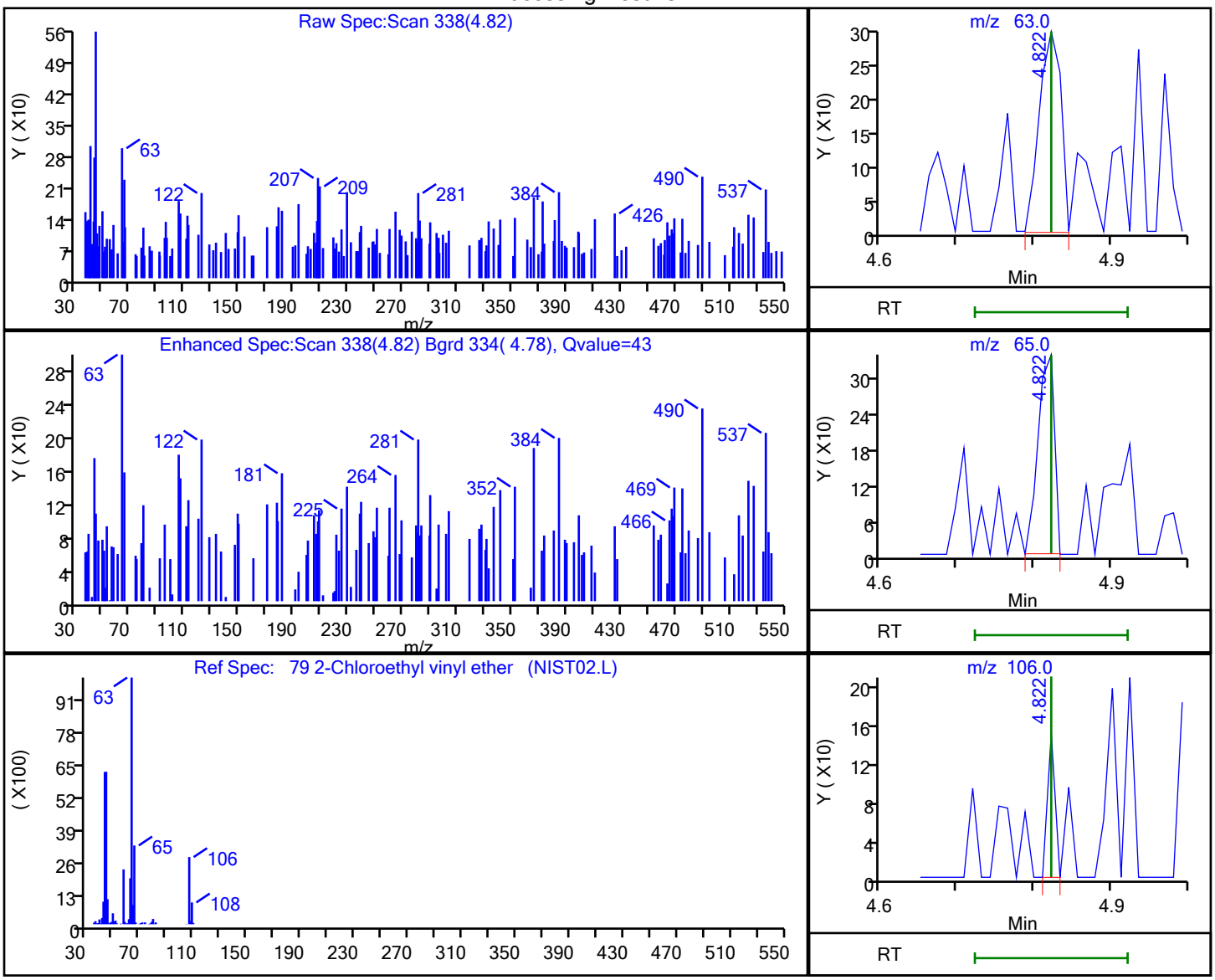
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
4.82	63.00	575	0.249471
4.82	65.00	503	
4.82	106.00	100	

Reviewer: NN6A, 23-Feb-2025 12:02:20 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

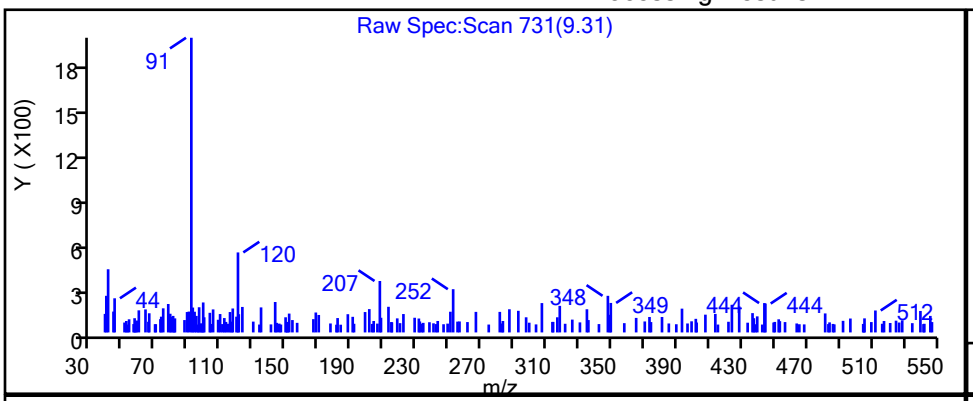
User Disabled Compound Report

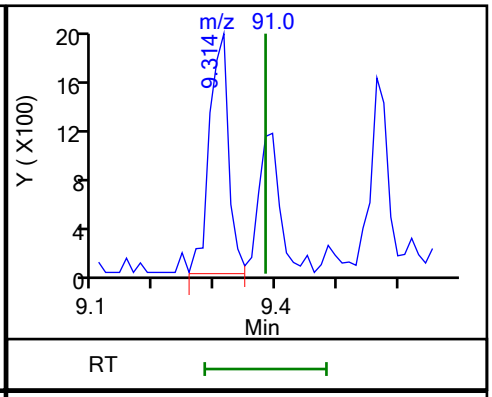
Eurofins Edison

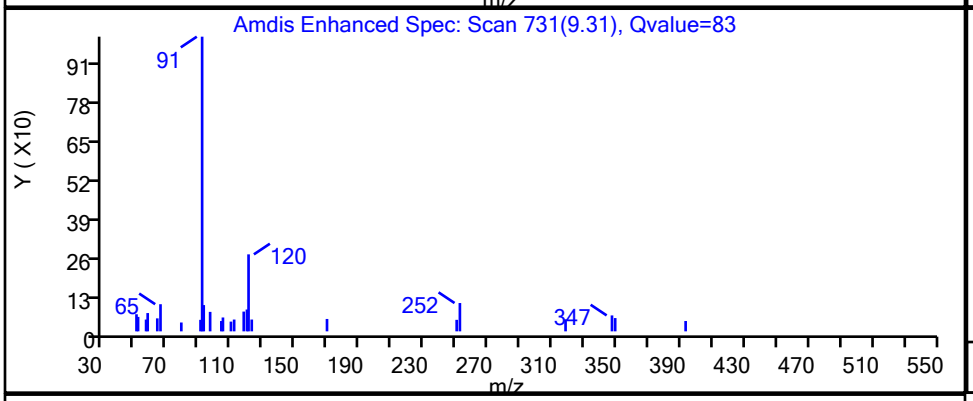
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

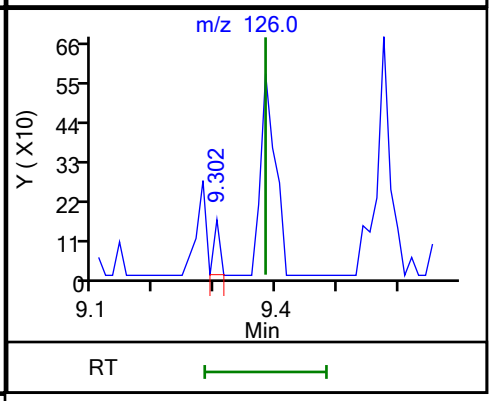
111 2-Chlorotoluene, CAS: 95-49-8

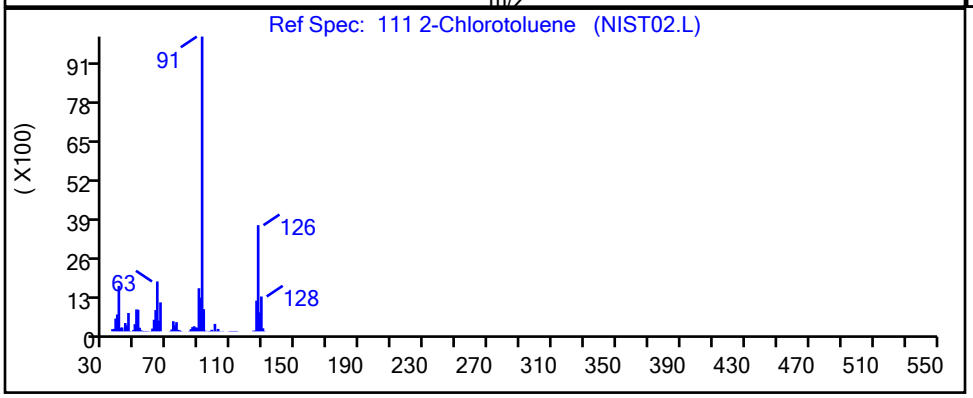
Processing Results











RT	Mass	Response	Amount
9.31	91.00	4150	0.350276
9.30	126.00	108	

Reviewer: NN6A, 23-Feb-2025 12:03:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

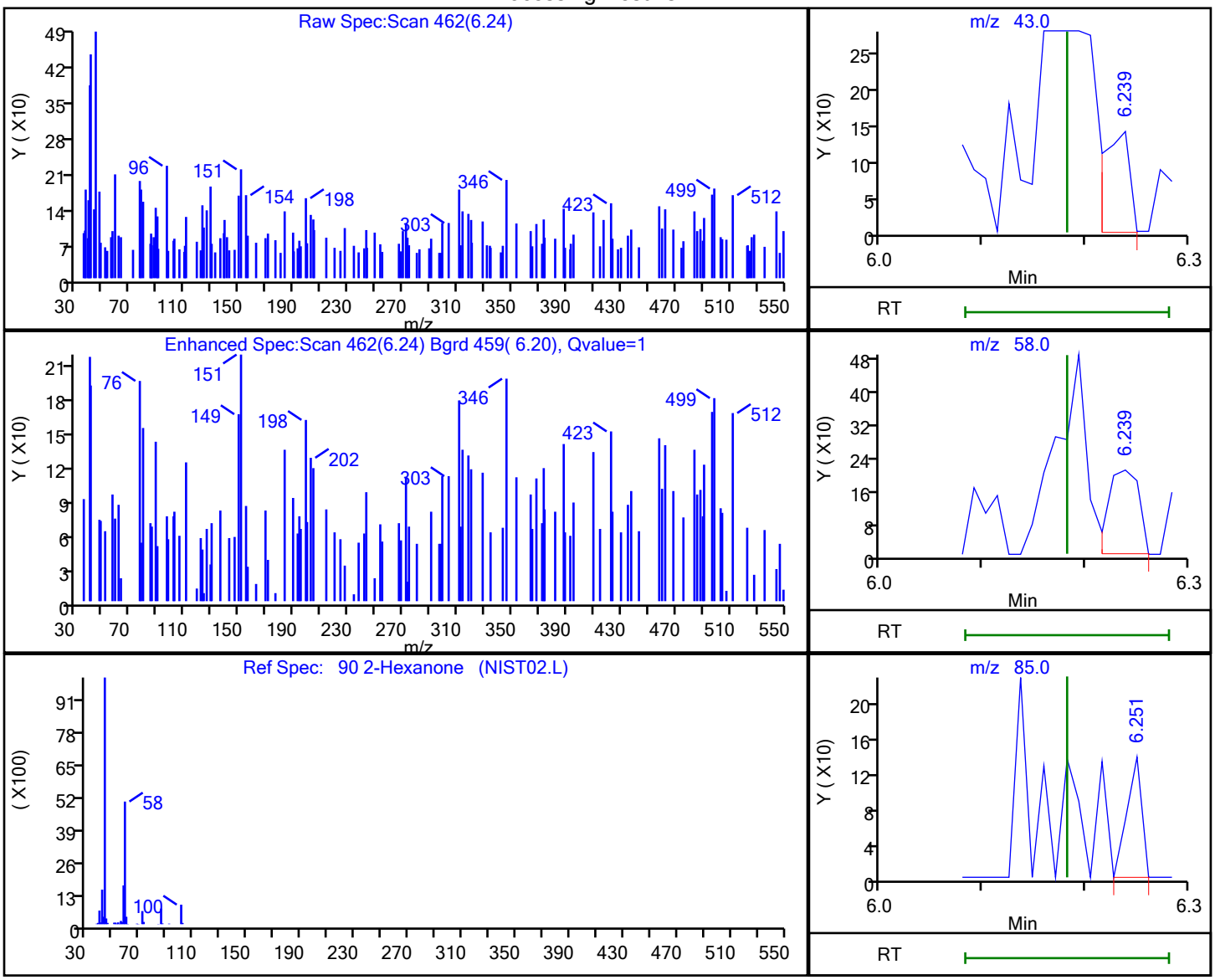
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

90 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
6.24	43.00	247	0.139866
6.24	58.00	432	
6.25	85.00	138	
6.23	100.00	100	

Reviewer: NN6A, 23-Feb-2025 12:03:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

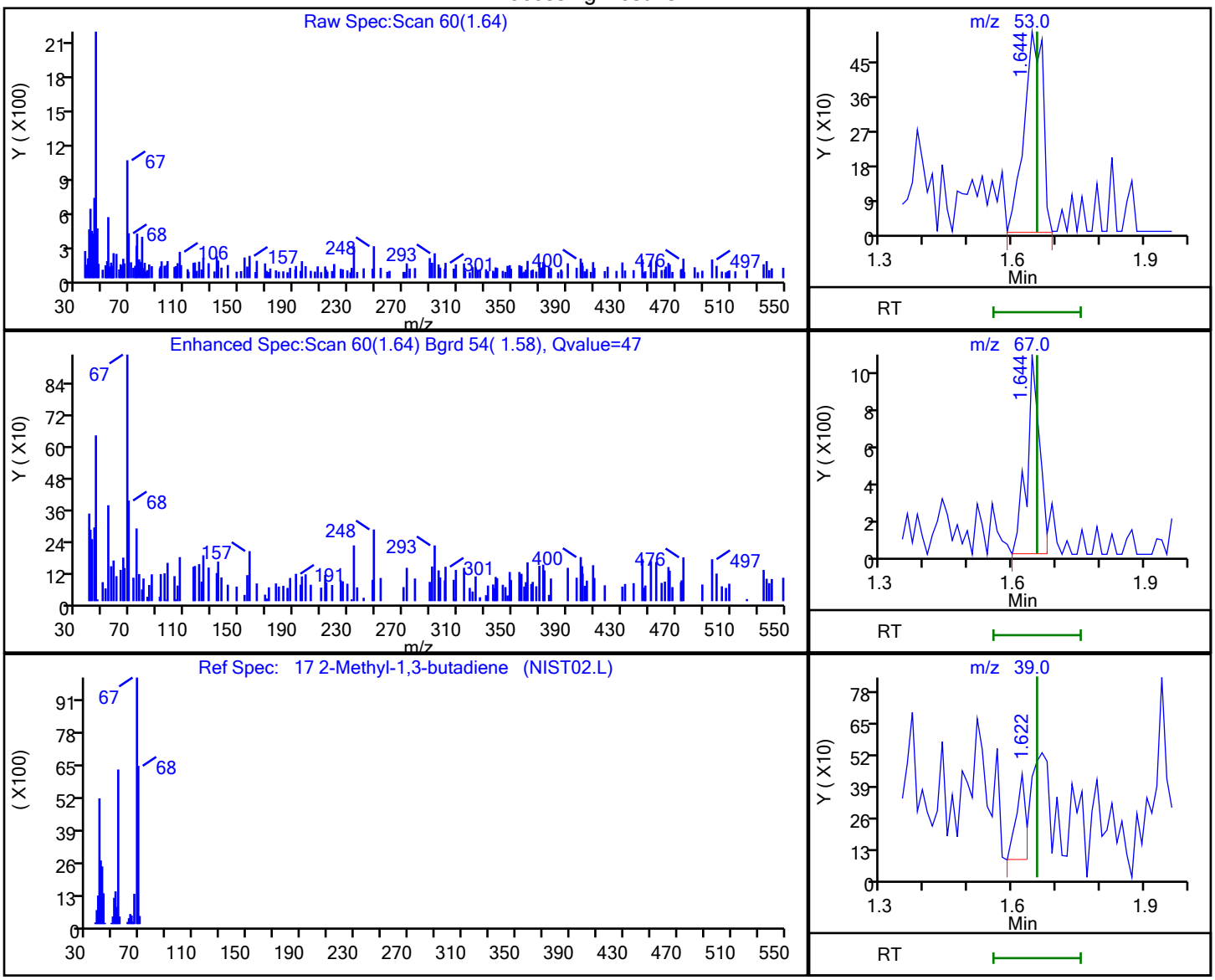
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.64	53.00	1572	0.432378
1.64	67.00	2082	
1.62	39.00	542	

Reviewer: NN6A, 23-Feb-2025 12:01:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

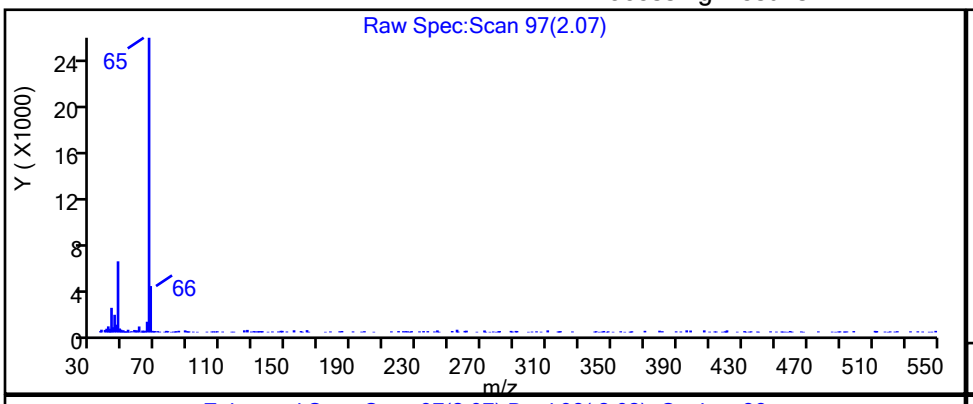
User Disabled Compound Report

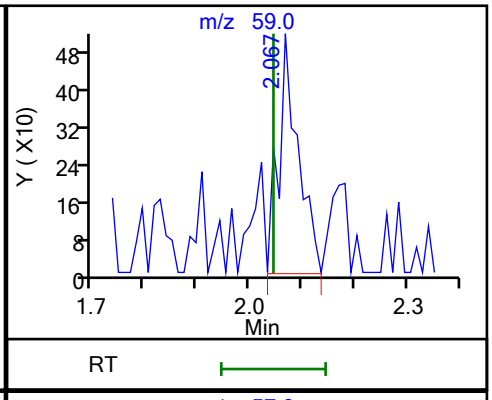
Eurofins Edison

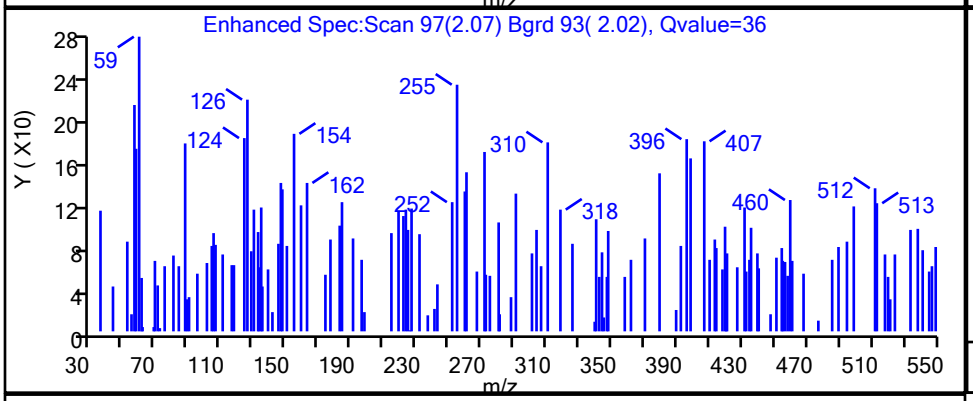
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

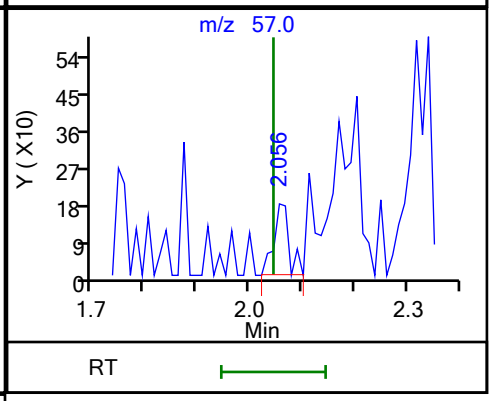
32 2-Methyl-2-propanol, CAS: 75-65-0

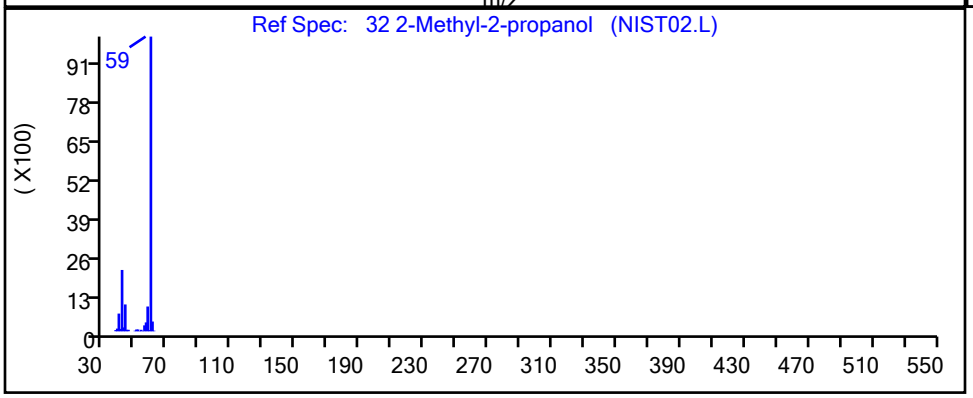
Processing Results











RT	Mass	Response	Amount
2.07	59.00	1326	4.423266
2.06	57.00	361	

Reviewer: NN6A, 23-Feb-2025 12:01:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

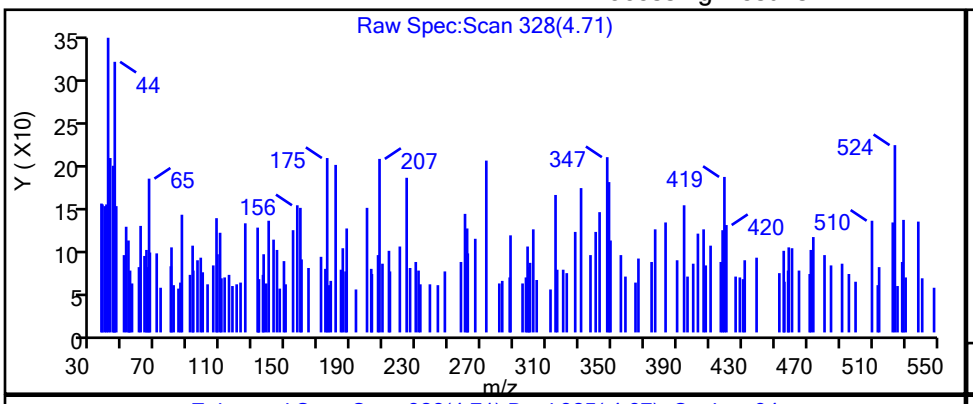
User Disabled Compound Report

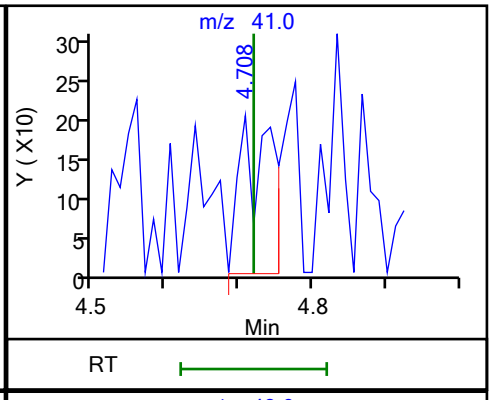
Eurofins Edison

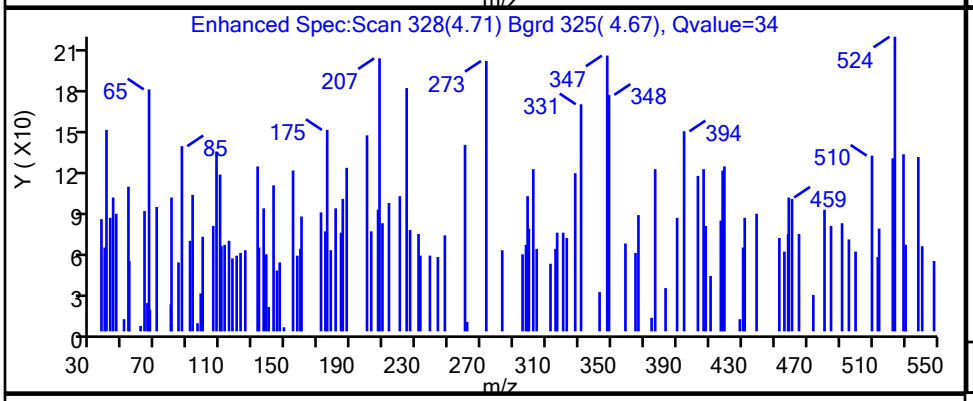
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

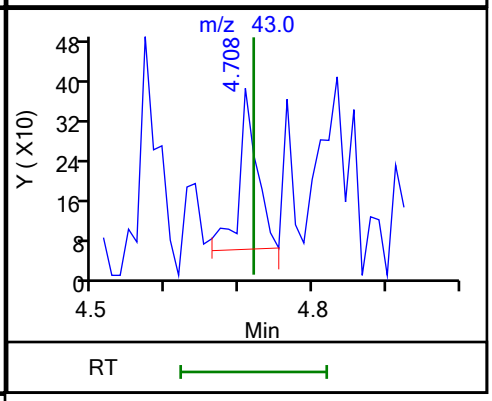
78 2-Nitropropane, CAS: 79-46-9

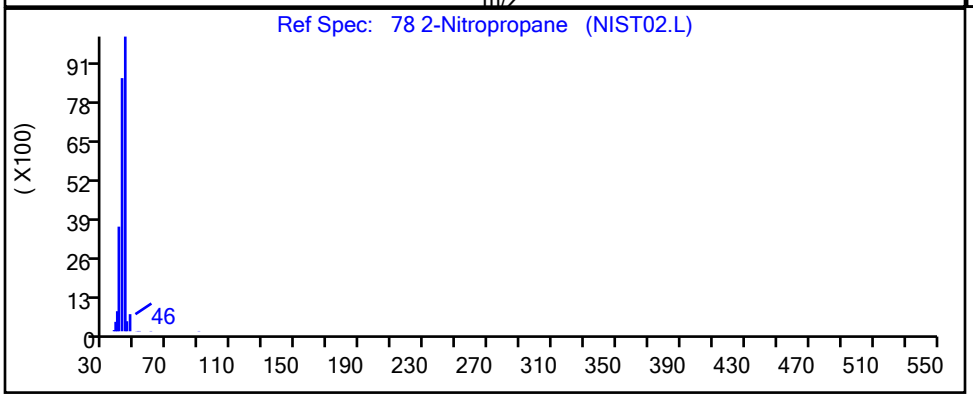
Processing Results











RT	Mass	Response	Amount
4.71	41.00	611	1.110124
4.71	43.00	557	

Reviewer: NN6A, 23-Feb-2025 12:02:20 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

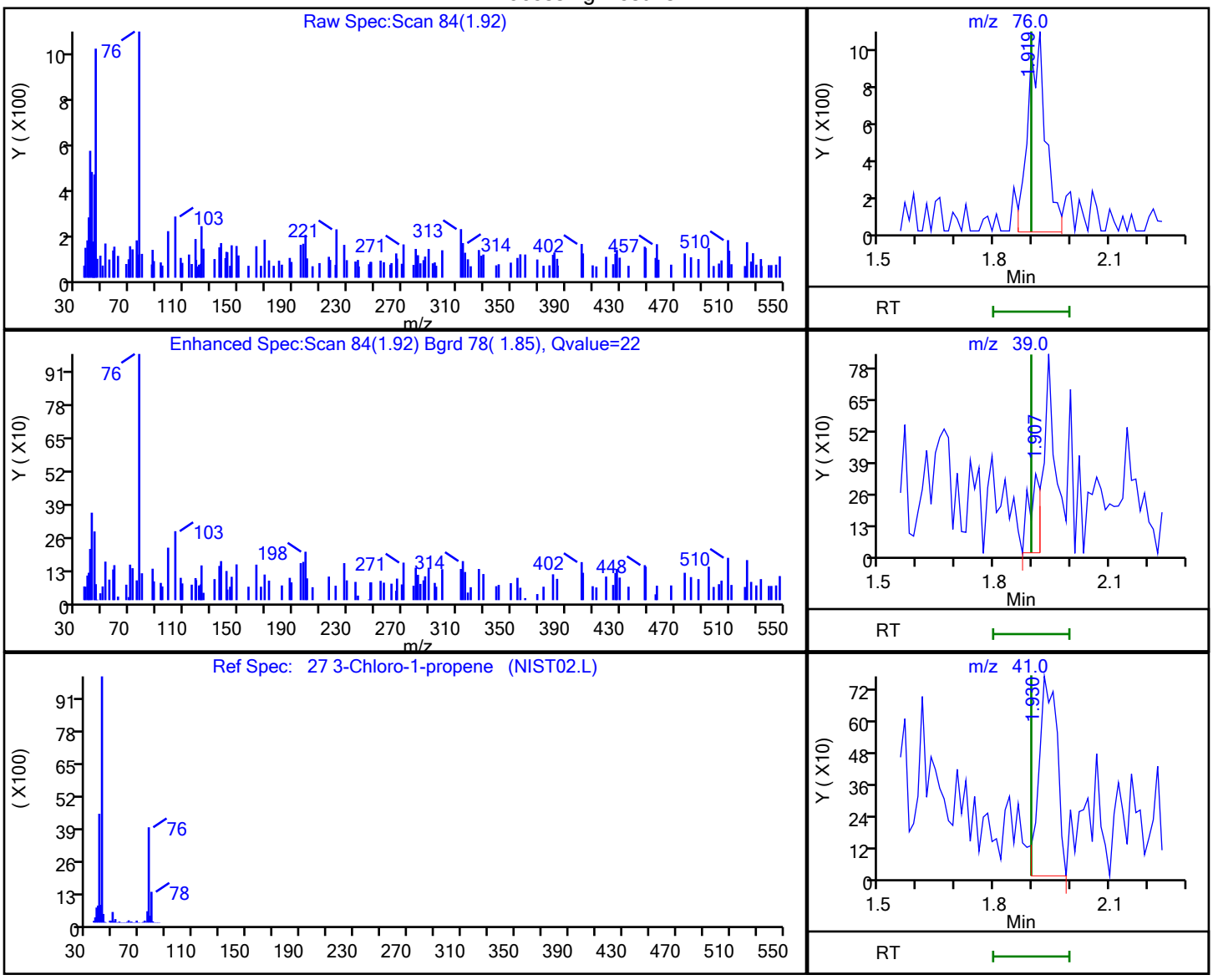
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
1.92	76.00	3487	0.208289
1.91	39.00	688	
1.93	41.00	2484	

Reviewer: NN6A, 23-Feb-2025 12:01:26 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

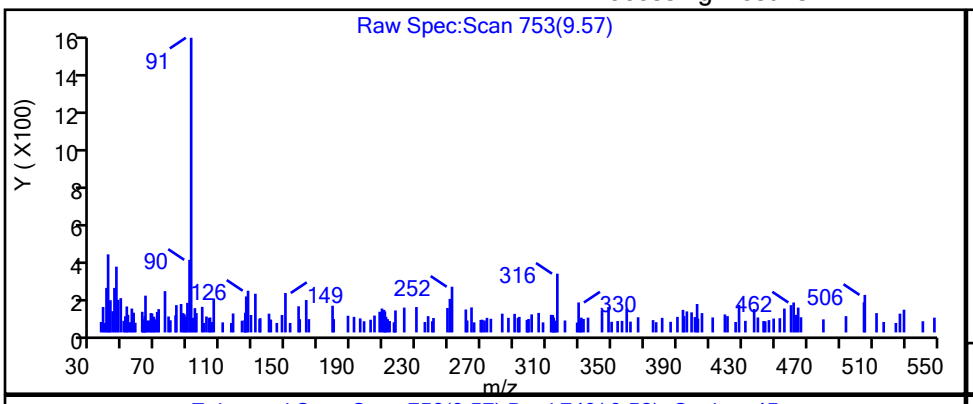
User Disabled Compound Report

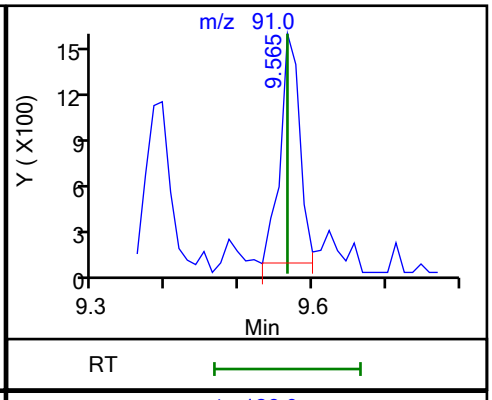
Eurofins Edison

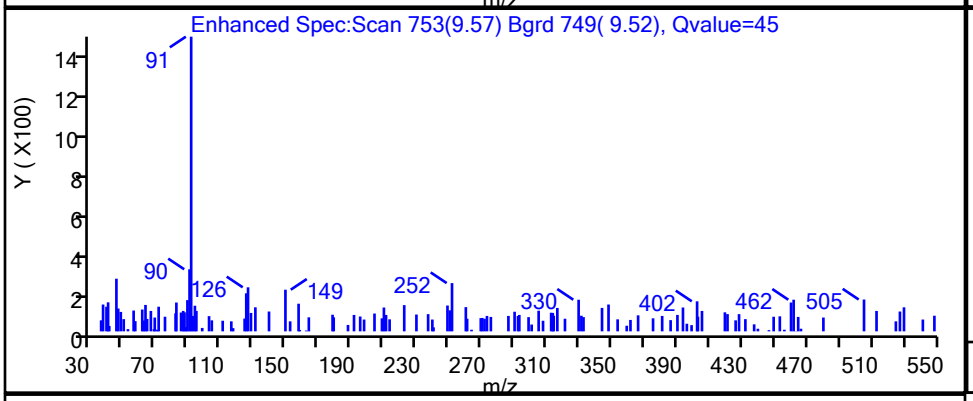
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

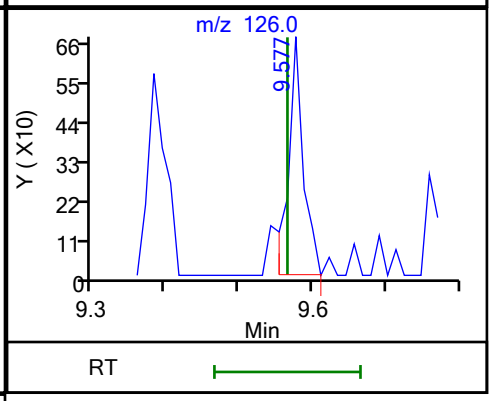
113 4-Chlorotoluene, CAS: 106-43-4

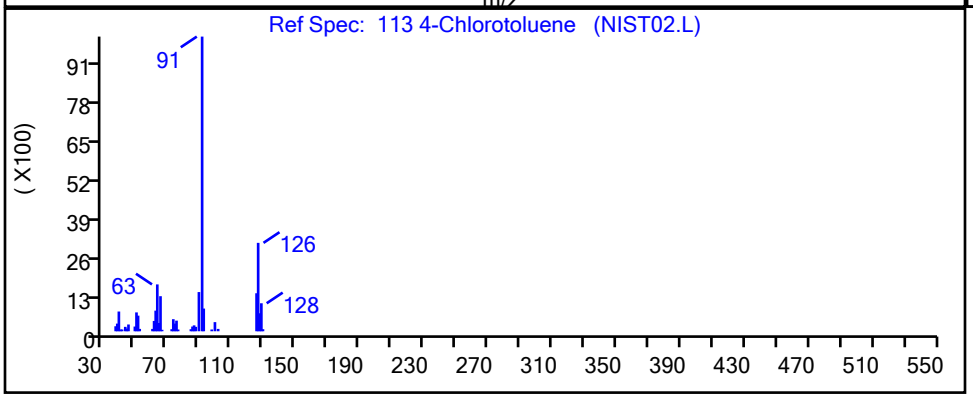
Processing Results











RT	Mass	Response	Amount
9.57	91.00	2781	0.231722
9.58	126.00	959	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

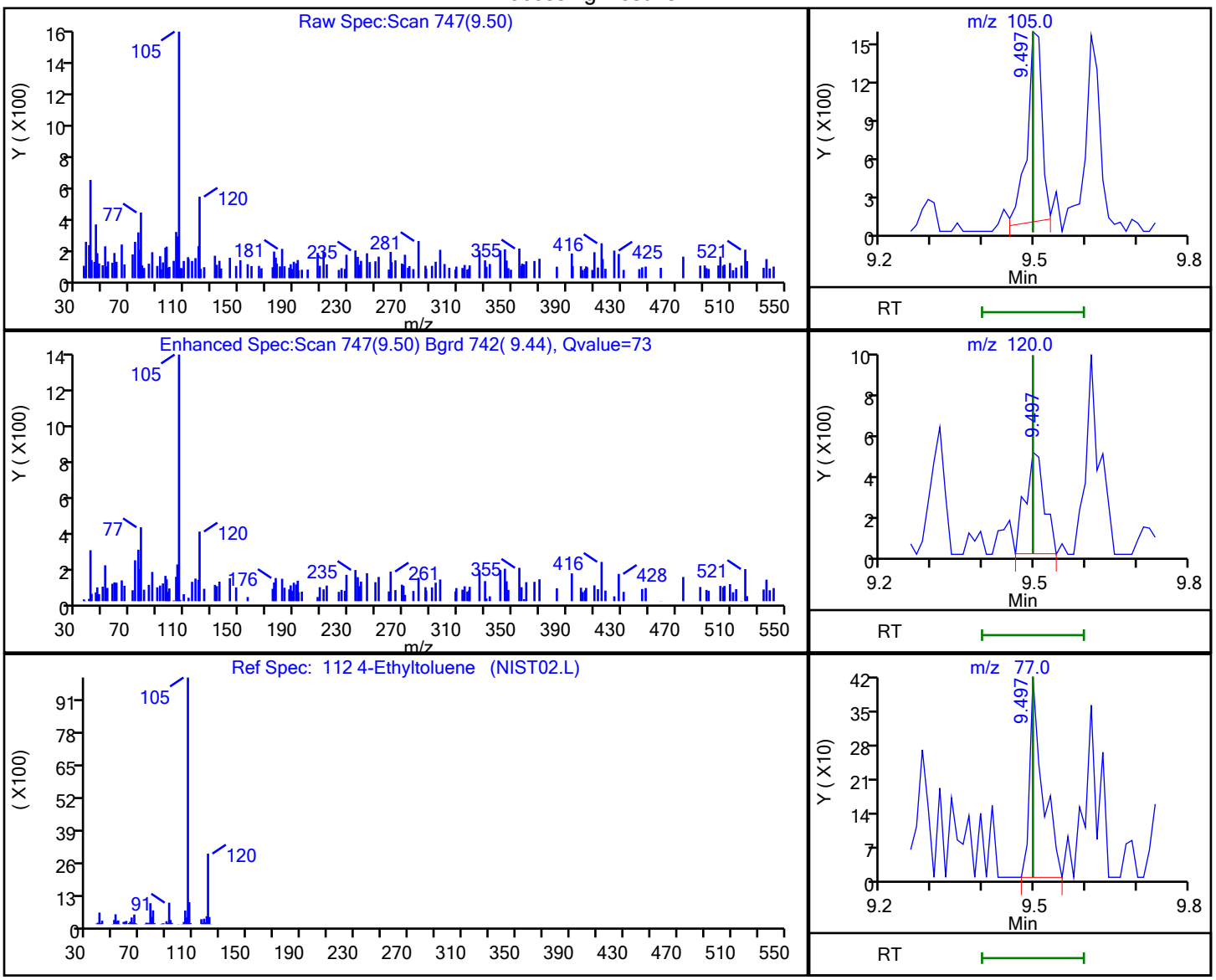
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.50	105.00	2990	0.183104
9.50	120.00	1330	
9.50	77.00	730	

Reviewer: NN6A, 23-Feb-2025 12:03:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

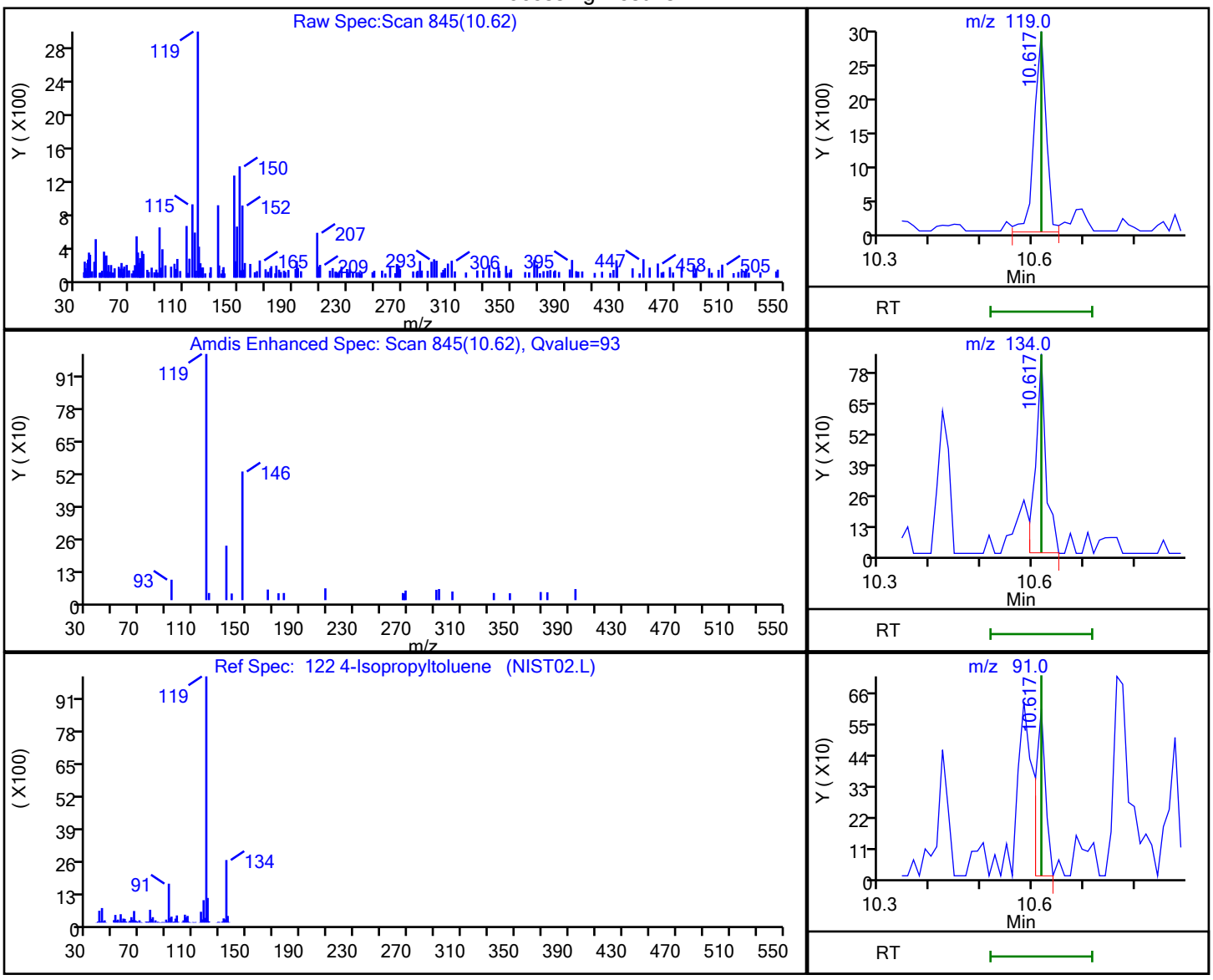
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.62	119.00	4724	0.254380
10.62	134.00	1197	
10.62	91.00	789	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

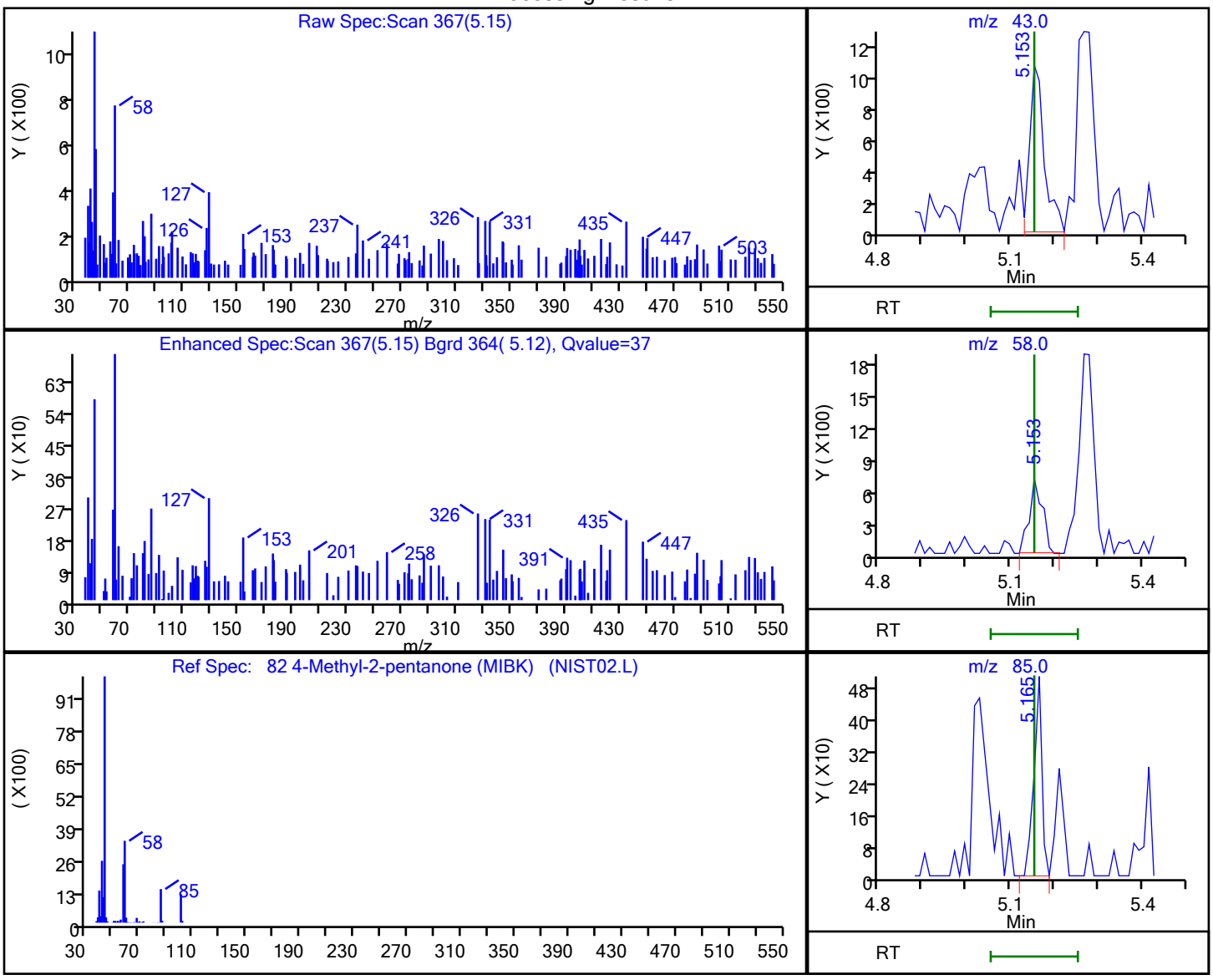
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.15	43.00	2326	0.862185
5.15	58.00	1487	
5.16	85.00	652	
5.15	100.00	585	

Reviewer: NN6A, 23-Feb-2025 12:02:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

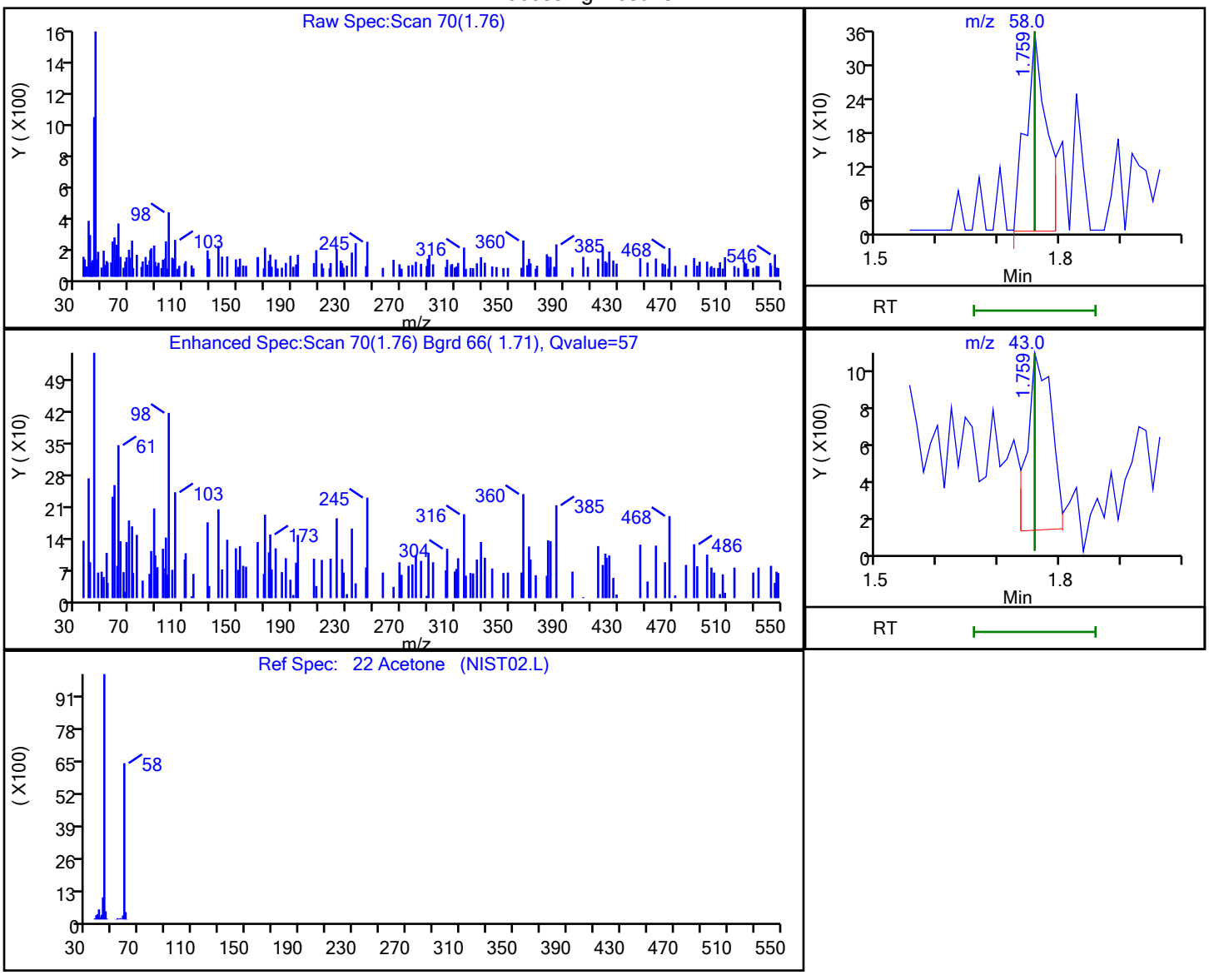
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
1.76	58.00	847	3.018043
1.76	43.00	2534	

Reviewer: NN6A, 23-Feb-2025 12:01:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

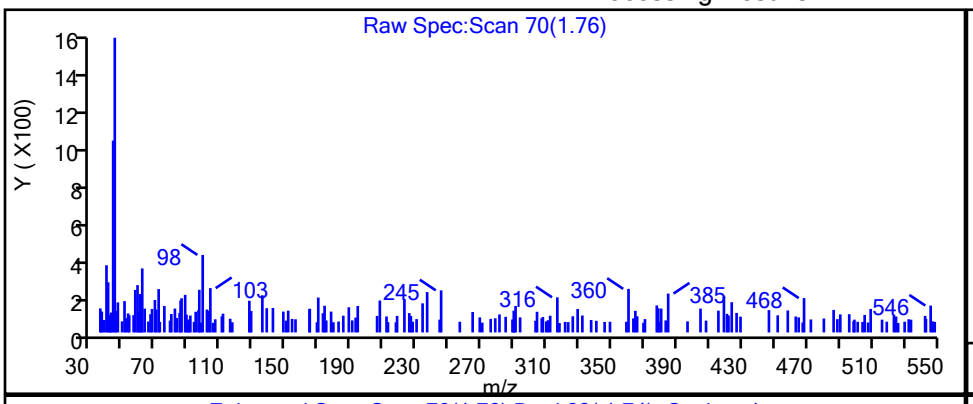
User Disabled Compound Report

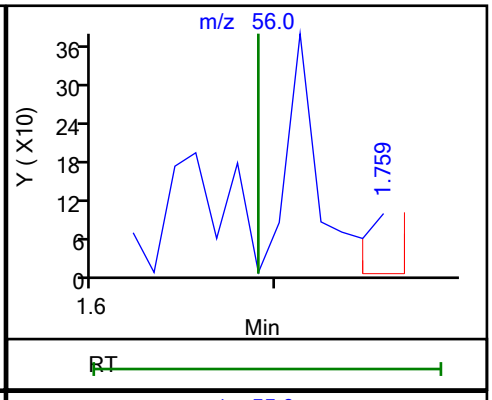
Eurofins Edison

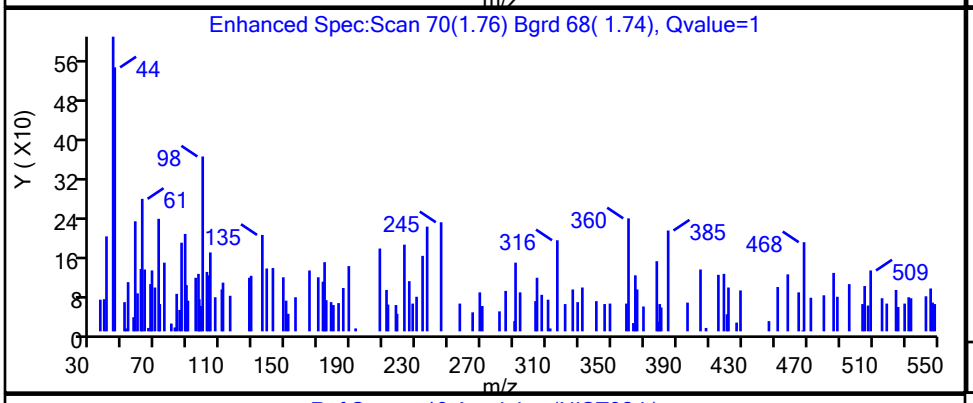
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

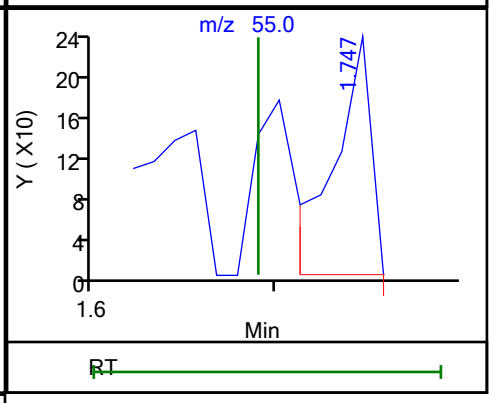
19 Acrolein, CAS: 107-02-8

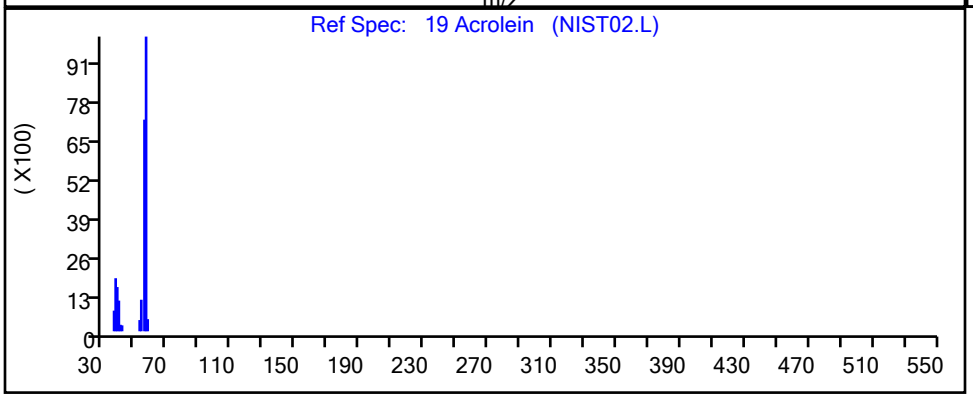
Processing Results











RT	Mass	Response	Amount
1.76	56.00	99	0.782175
1.75	55.00	350	

Reviewer: NN6A, 23-Feb-2025 12:01:24 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

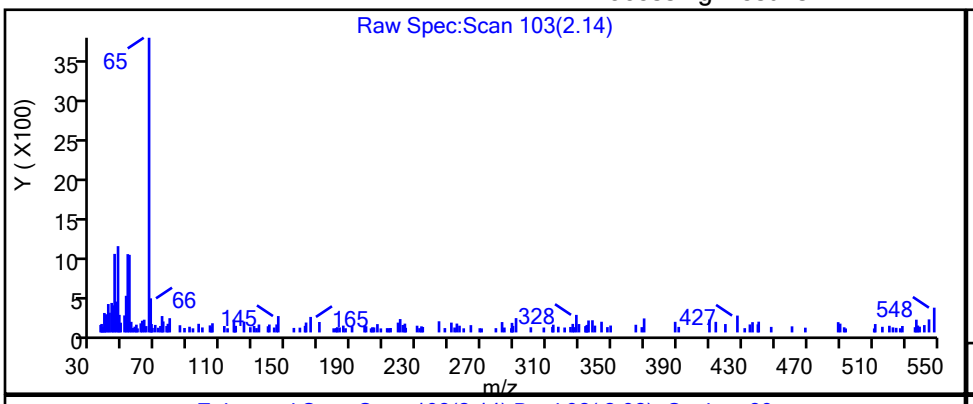
User Disabled Compound Report

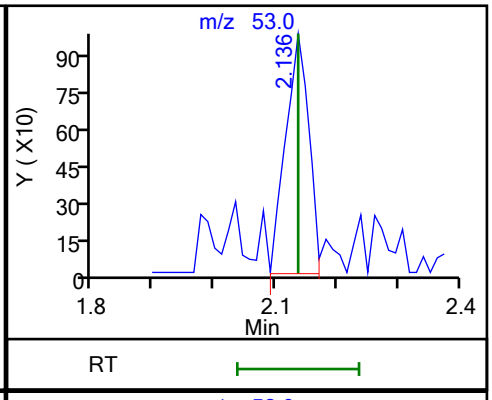
Eurofins Edison

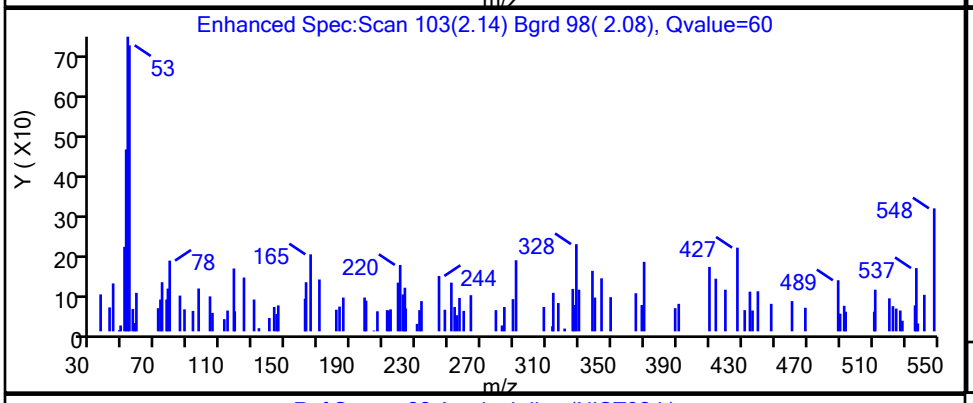
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

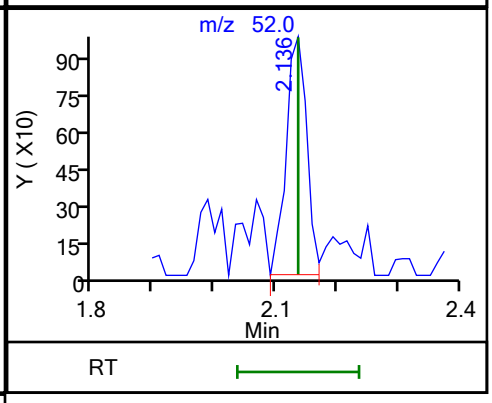
33 Acrylonitrile, CAS: 107-13-1

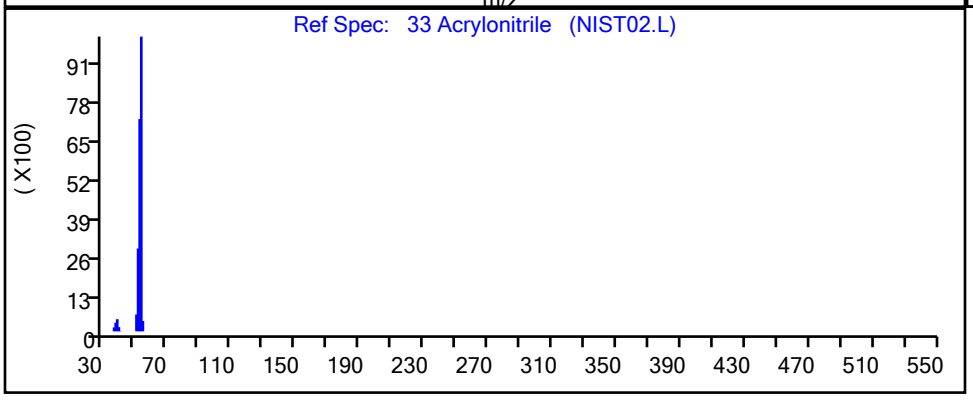
Processing Results











RT	Mass	Response	Amount
2.14	53.00	2587	1.983634
2.14	52.00	2336	

Reviewer: NN6A, 23-Feb-2025 12:01:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

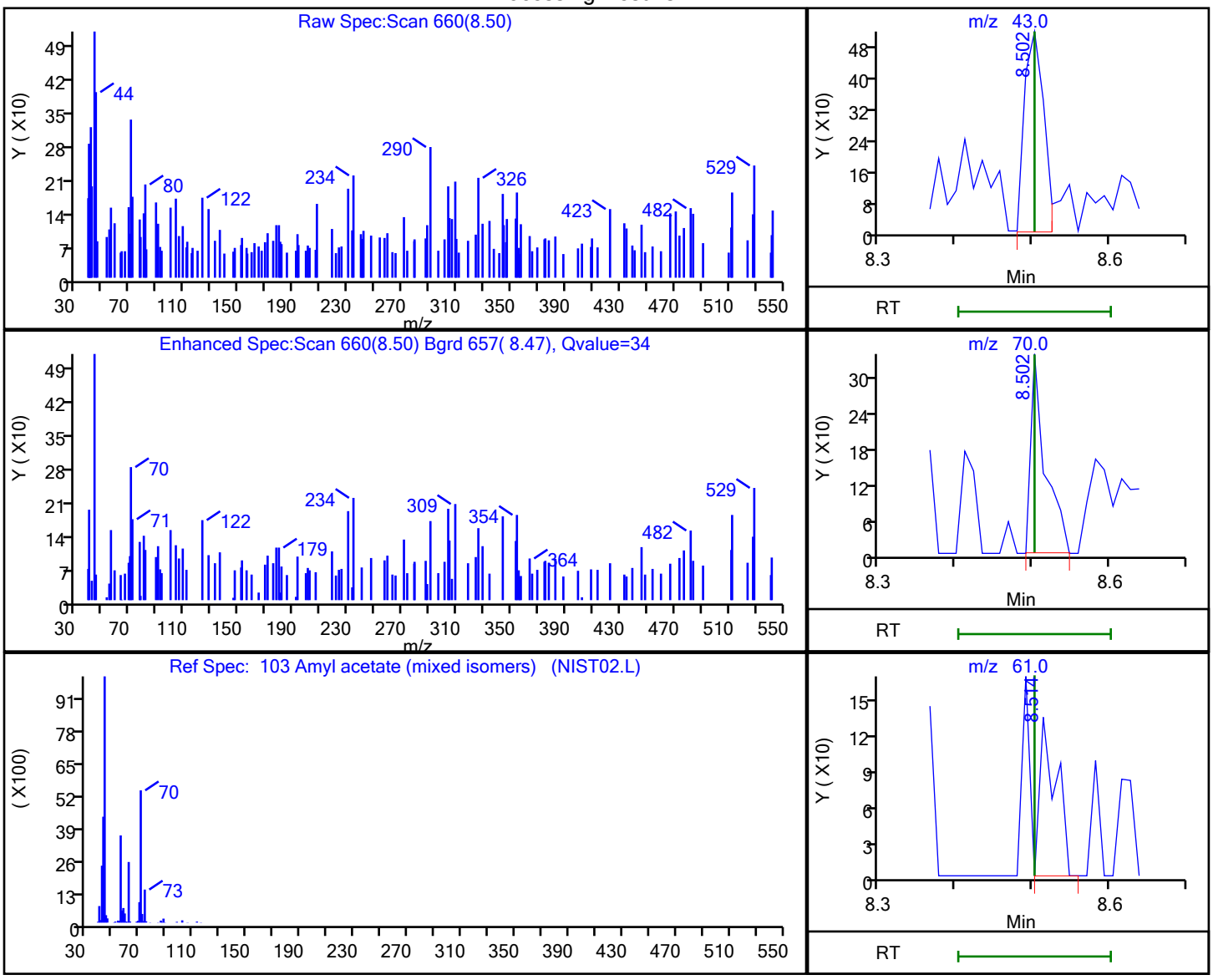
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.50	43.00	922	0.171491
8.50	70.00	446	
8.51	61.00	193	

Reviewer: NN6A, 23-Feb-2025 12:03:03 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

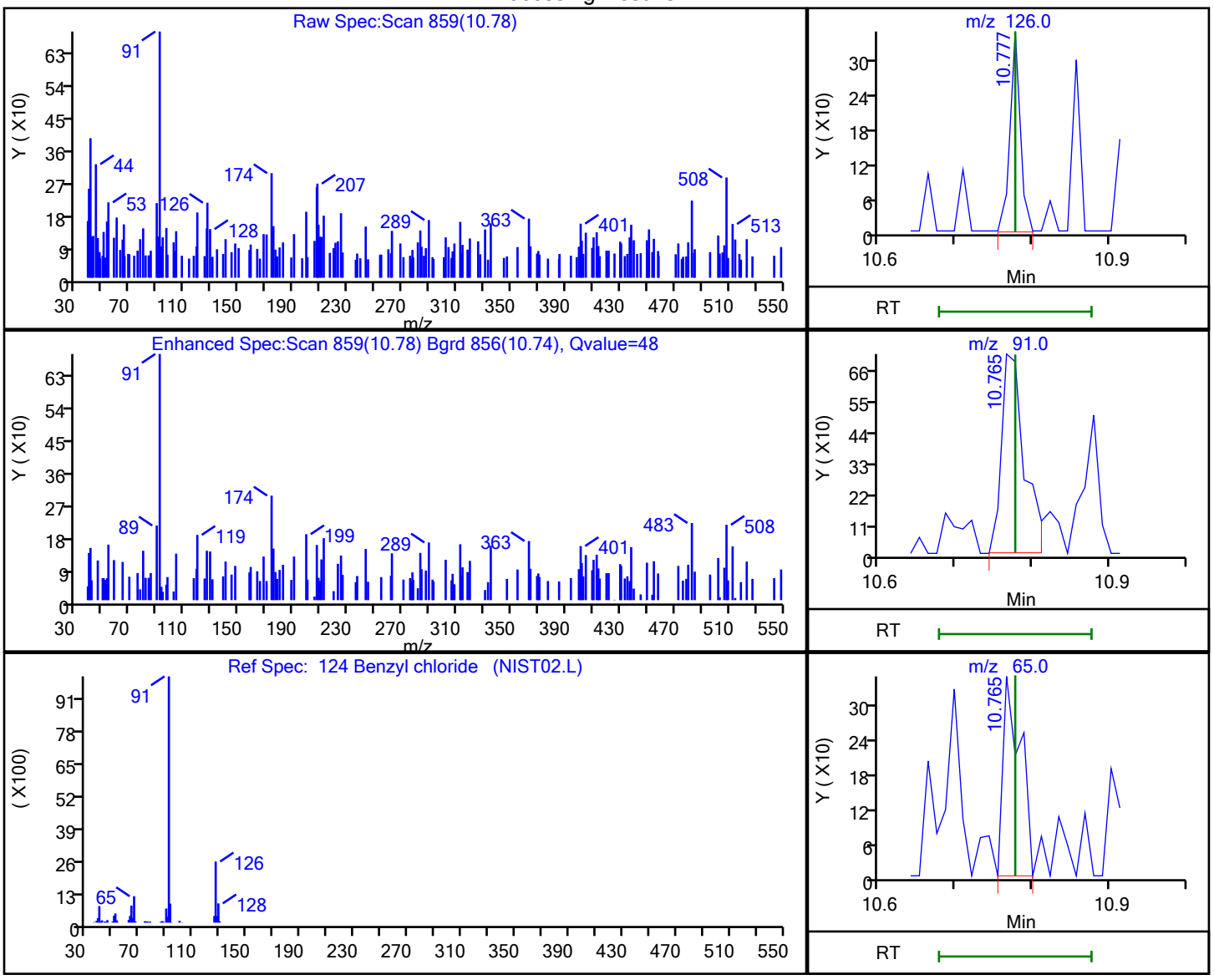
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.78	126.00	323	0.226593
10.77	91.00	1492	
10.77	65.00	548	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

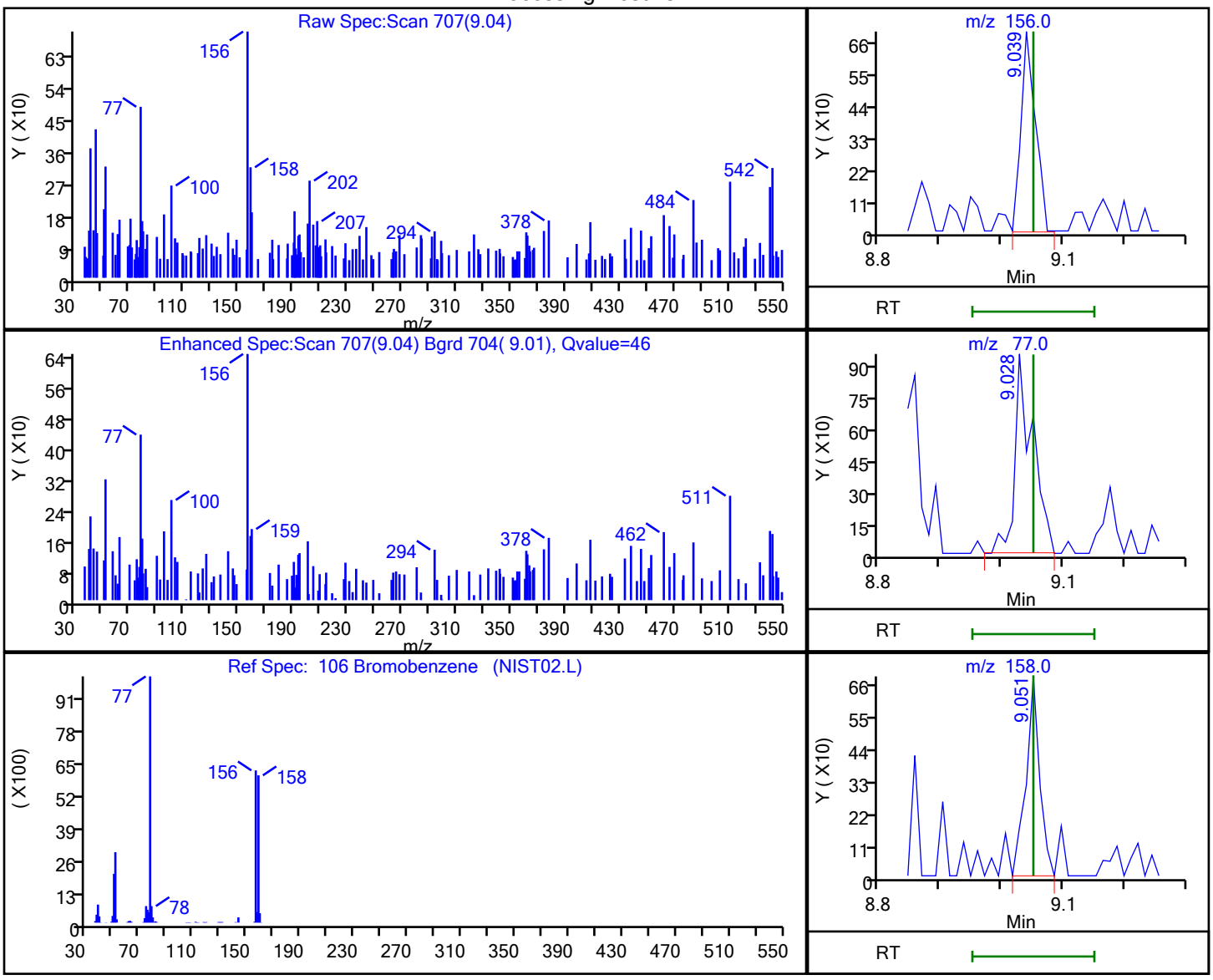
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

106 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.04	156.00	1143	0.243746
9.03	77.00	1955	
9.05	158.00	1069	

Reviewer: NN6A, 23-Feb-2025 12:03:04 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

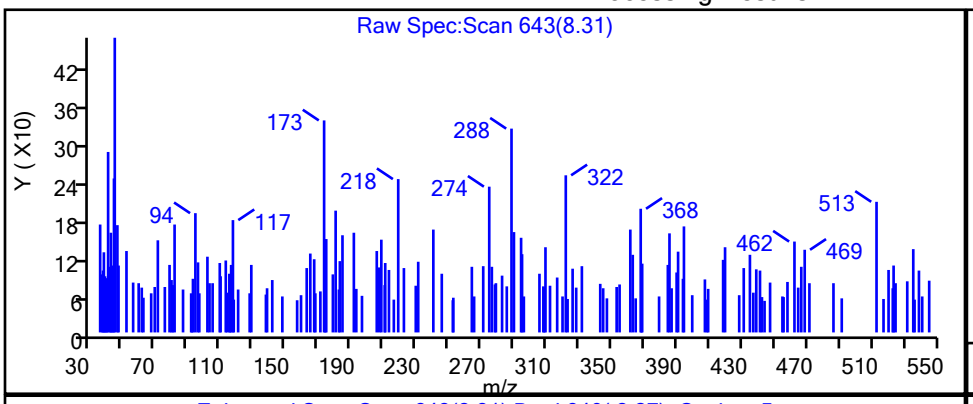
User Disabled Compound Report

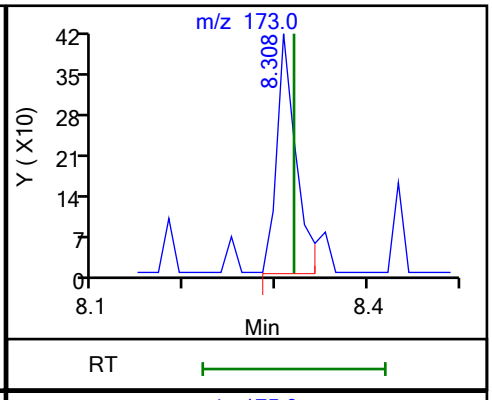
Eurofins Edison

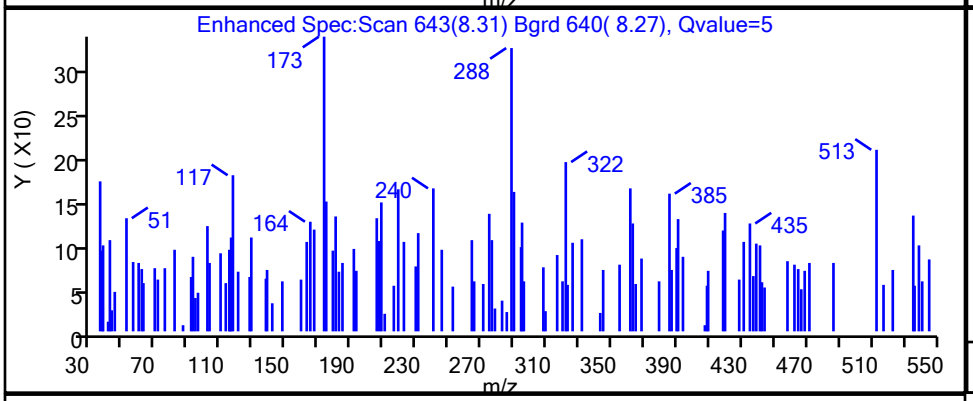
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

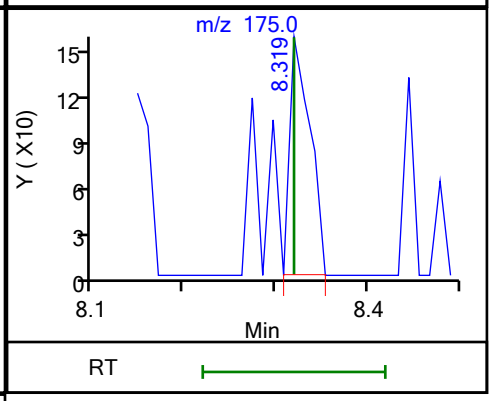
102 Bromoform, CAS: 75-25-2

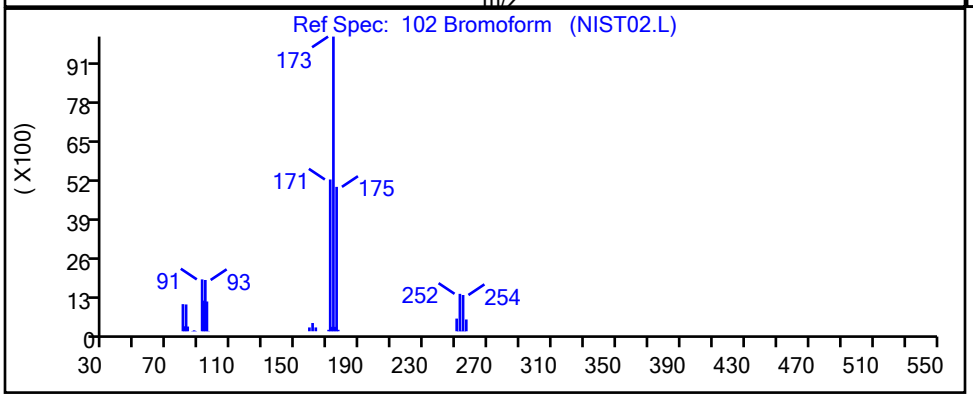
Processing Results











RT	Mass	Response	Amount
8.31	173.00	614	0.208722
8.32	175.00	235	

Reviewer: NN6A, 23-Feb-2025 12:03:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

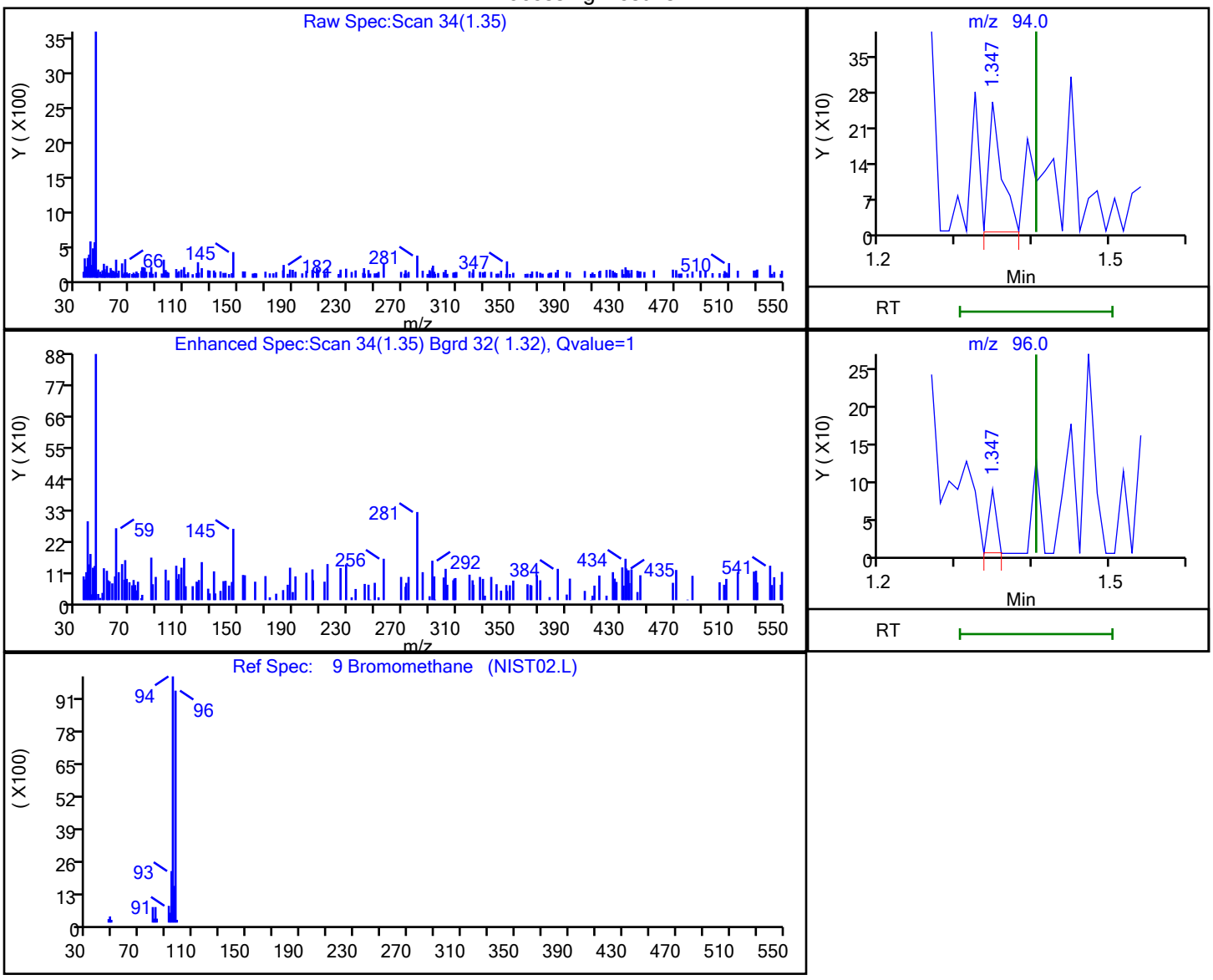
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.35	94.00	295	0.048478
1.35	96.00	58	

Reviewer: NN6A, 23-Feb-2025 12:01:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

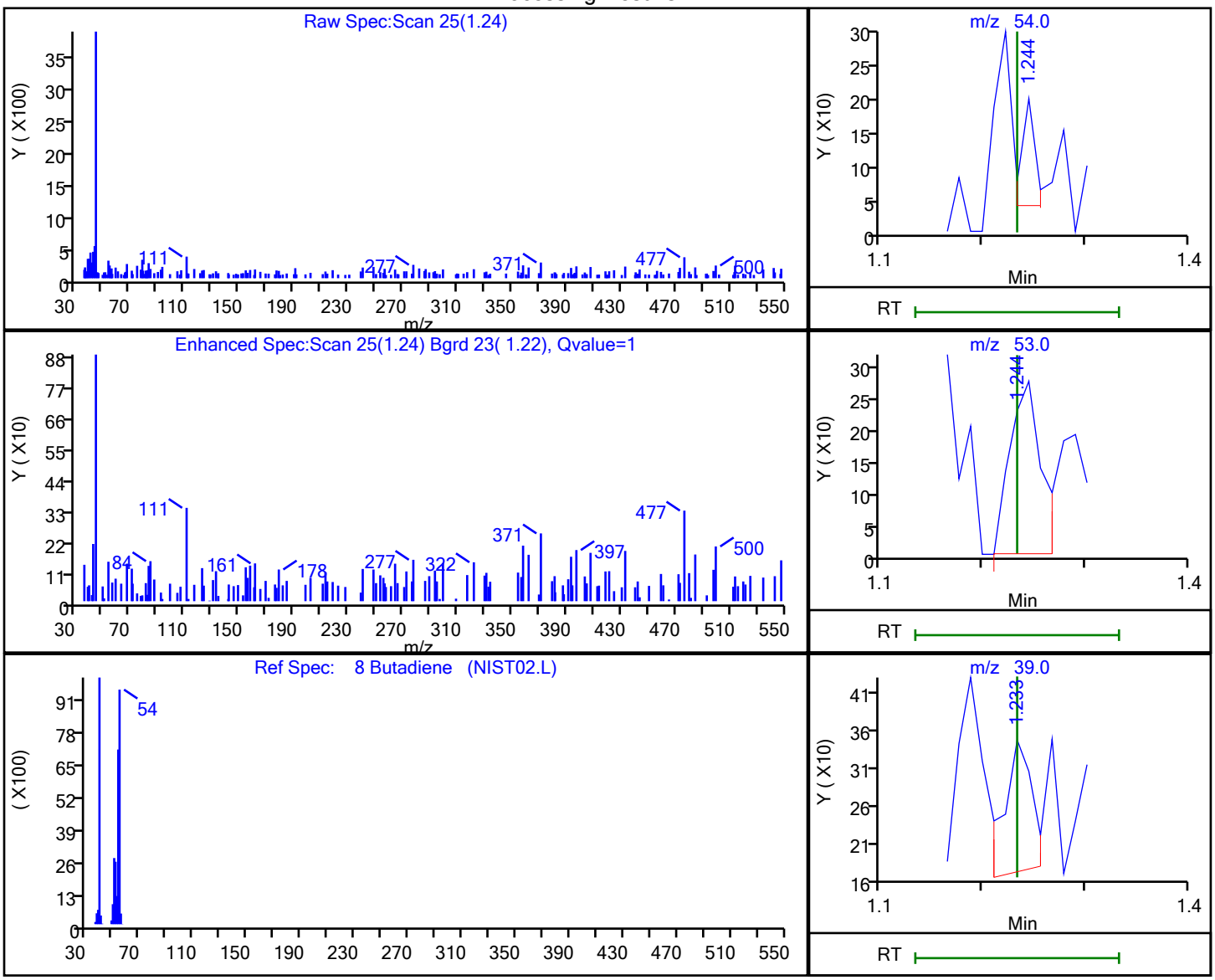
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D		
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

8 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
1.24	54.00	151	0.016110
1.24	53.00	592	
1.23	39.00	344	

Reviewer: NN6A, 23-Feb-2025 12:01:22 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

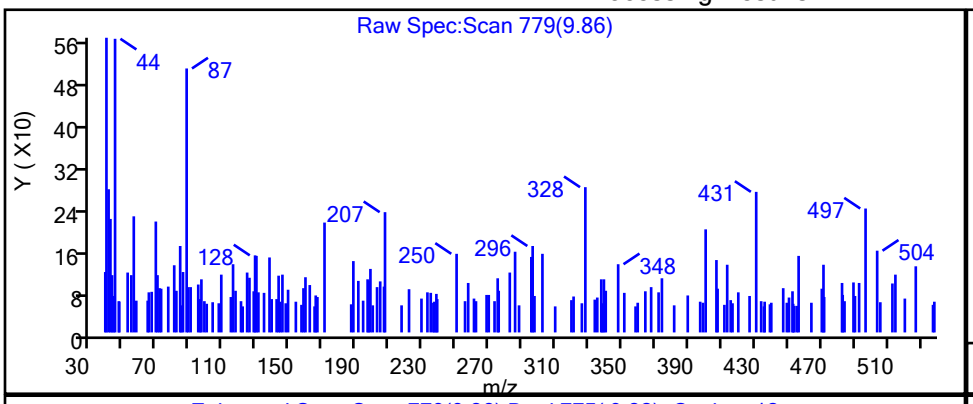
User Disabled Compound Report

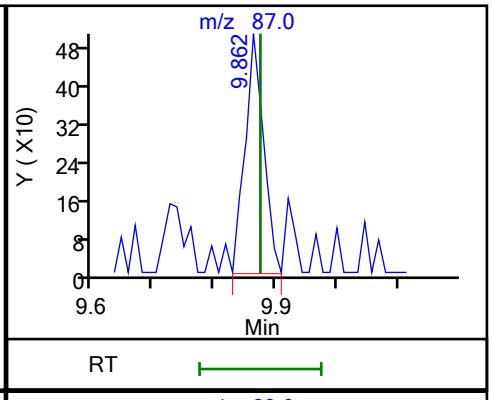
Eurofins Edison

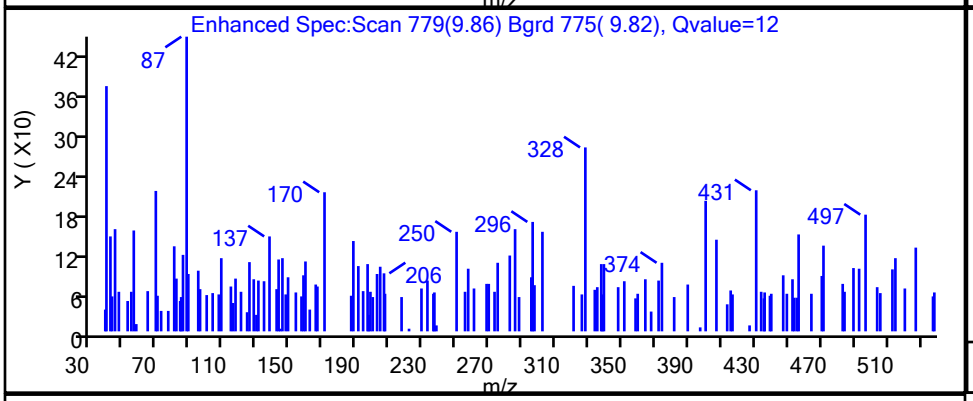
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

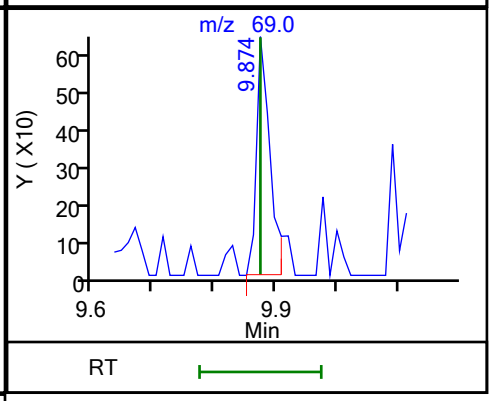
115 Butyl Methacrylate, CAS: 97-88-1

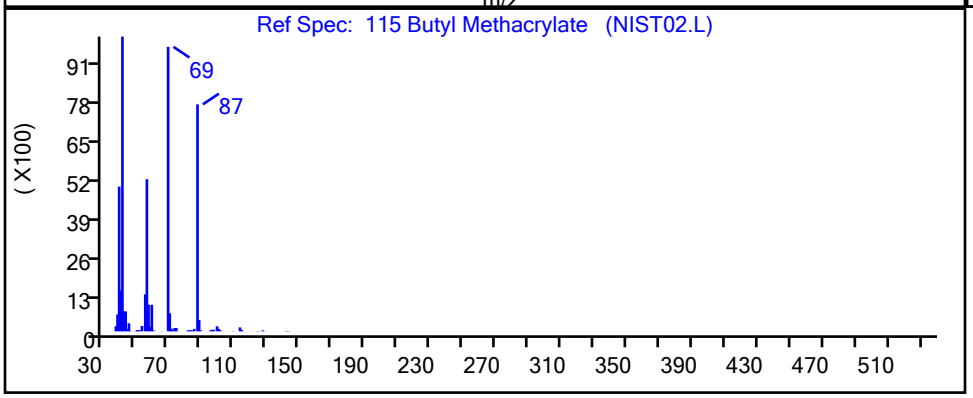
Processing Results











RT	Mass	Response	Amount
9.86	87.00	1065	0.219994
9.87	69.00	1003	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

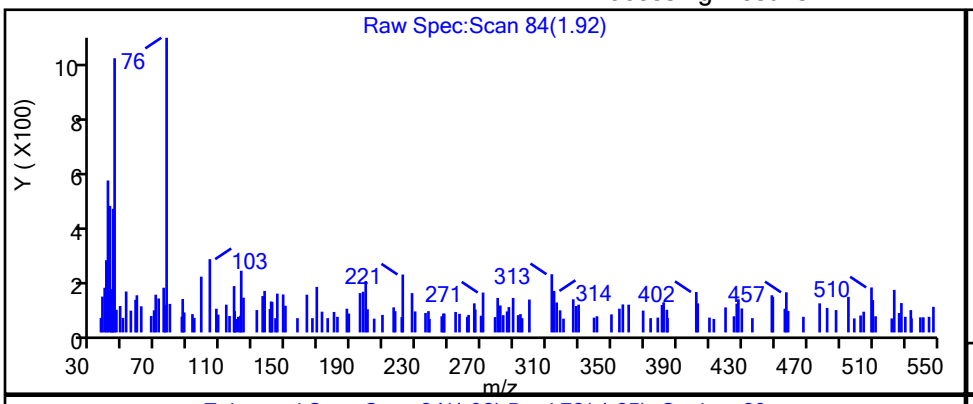
User Disabled Compound Report

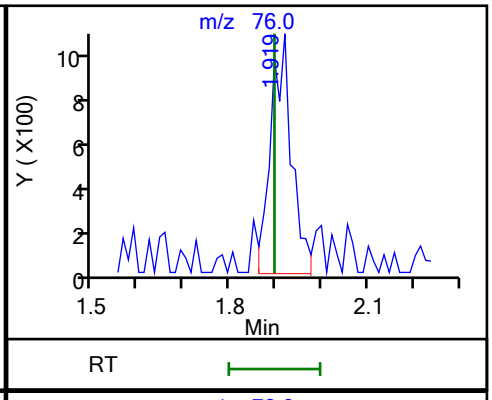
Eurofins Edison

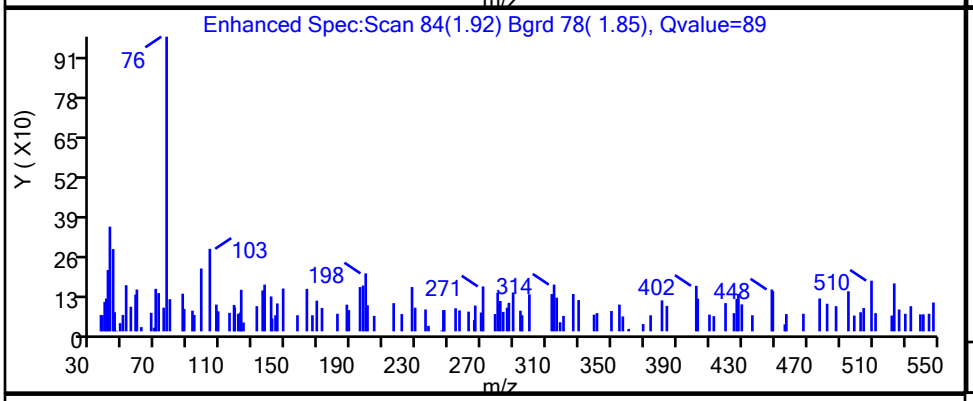
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

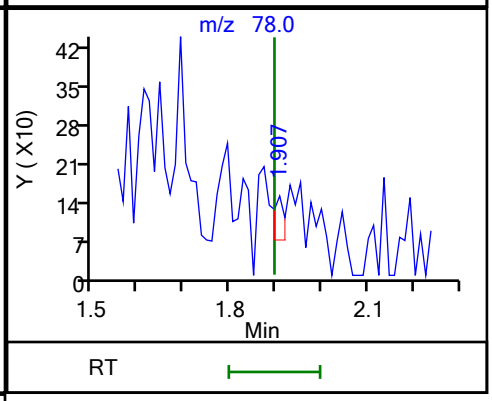
25 Carbon disulfide, CAS: 75-15-0

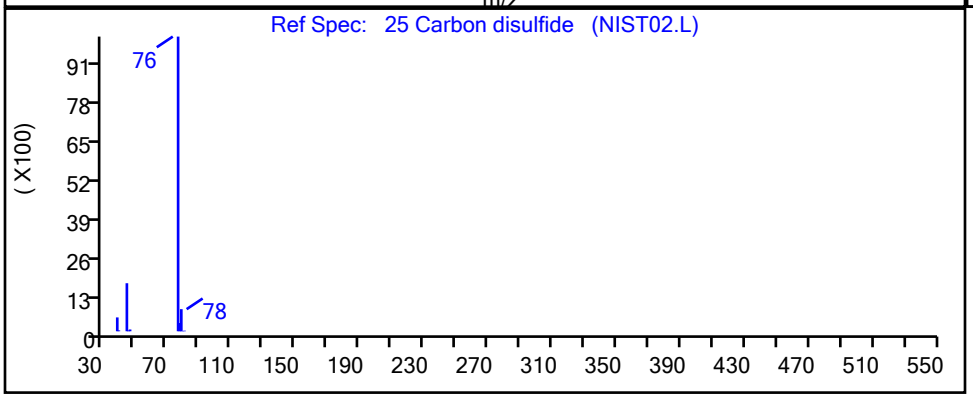
Processing Results











RT	Mass	Response	Amount
1.92	76.00	3487	0.208625
1.91	78.00	123	

Reviewer: NN6A, 23-Feb-2025 12:01:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

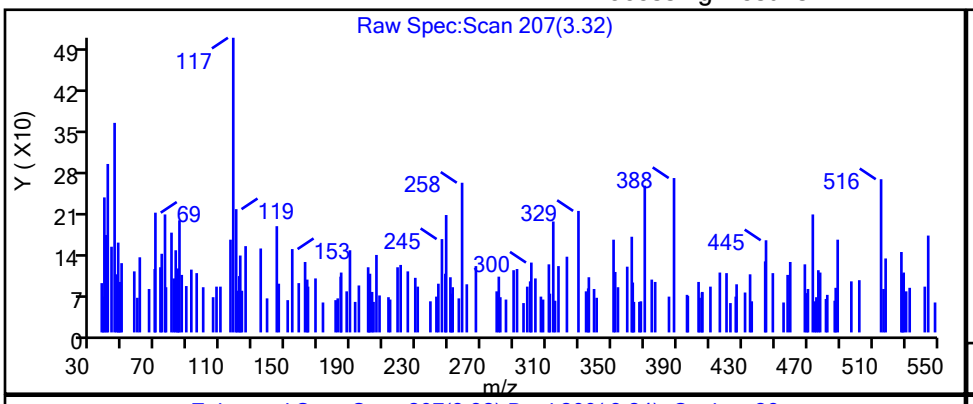
User Disabled Compound Report

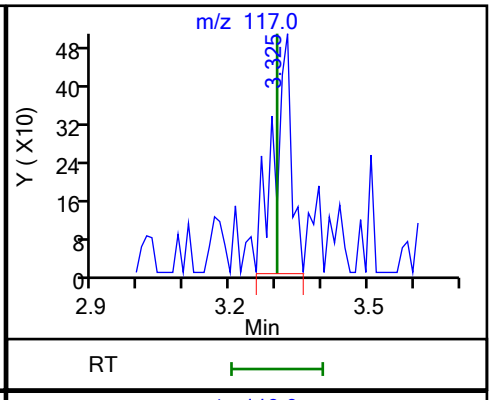
Eurofins Edison

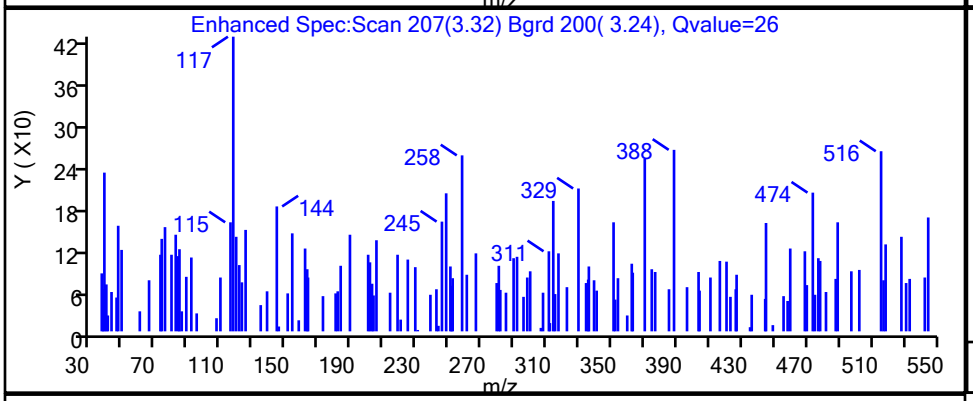
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

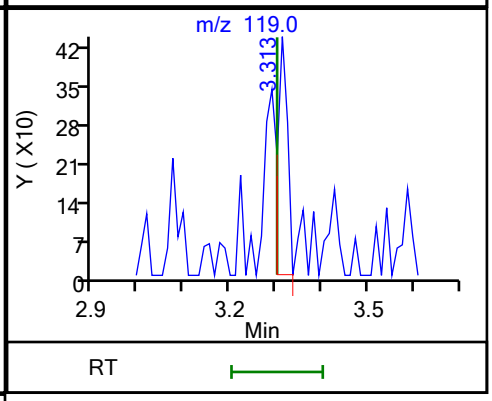
56 Carbon tetrachloride, CAS: 56-23-5

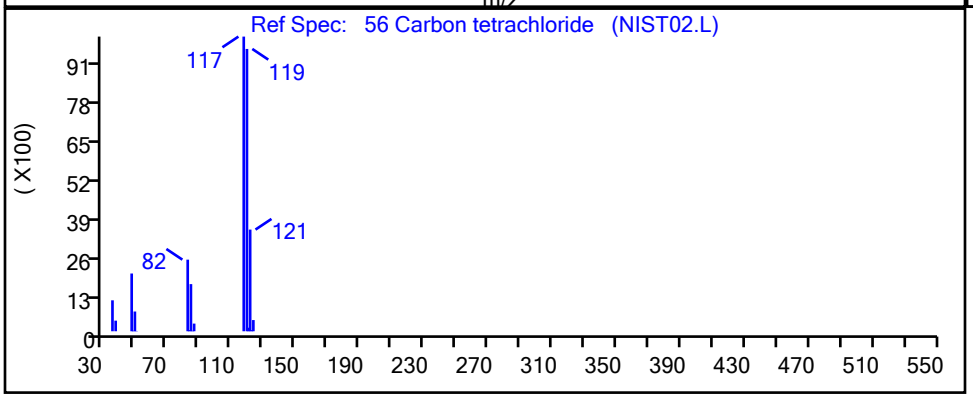
Processing Results











RT	Mass	Response	Amount
3.32	117.00	1343	0.238764
3.31	119.00	644	

Reviewer: NN6A, 23-Feb-2025 12:01:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

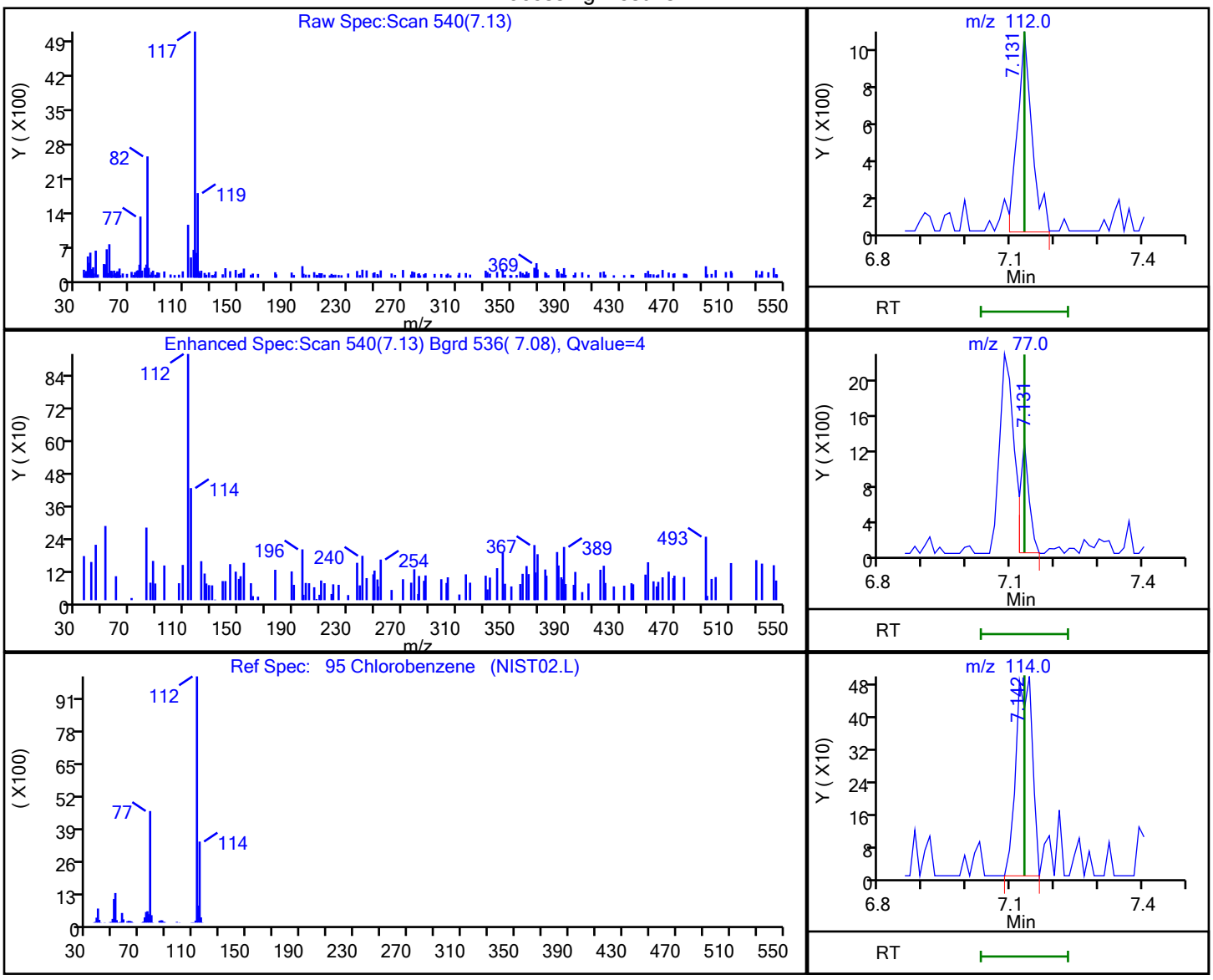
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D		
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
7.13	112.00	2511	0.247514
7.13	77.00	1814	
7.14	114.00	1288	

Reviewer: NN6A, 23-Feb-2025 12:03:03 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

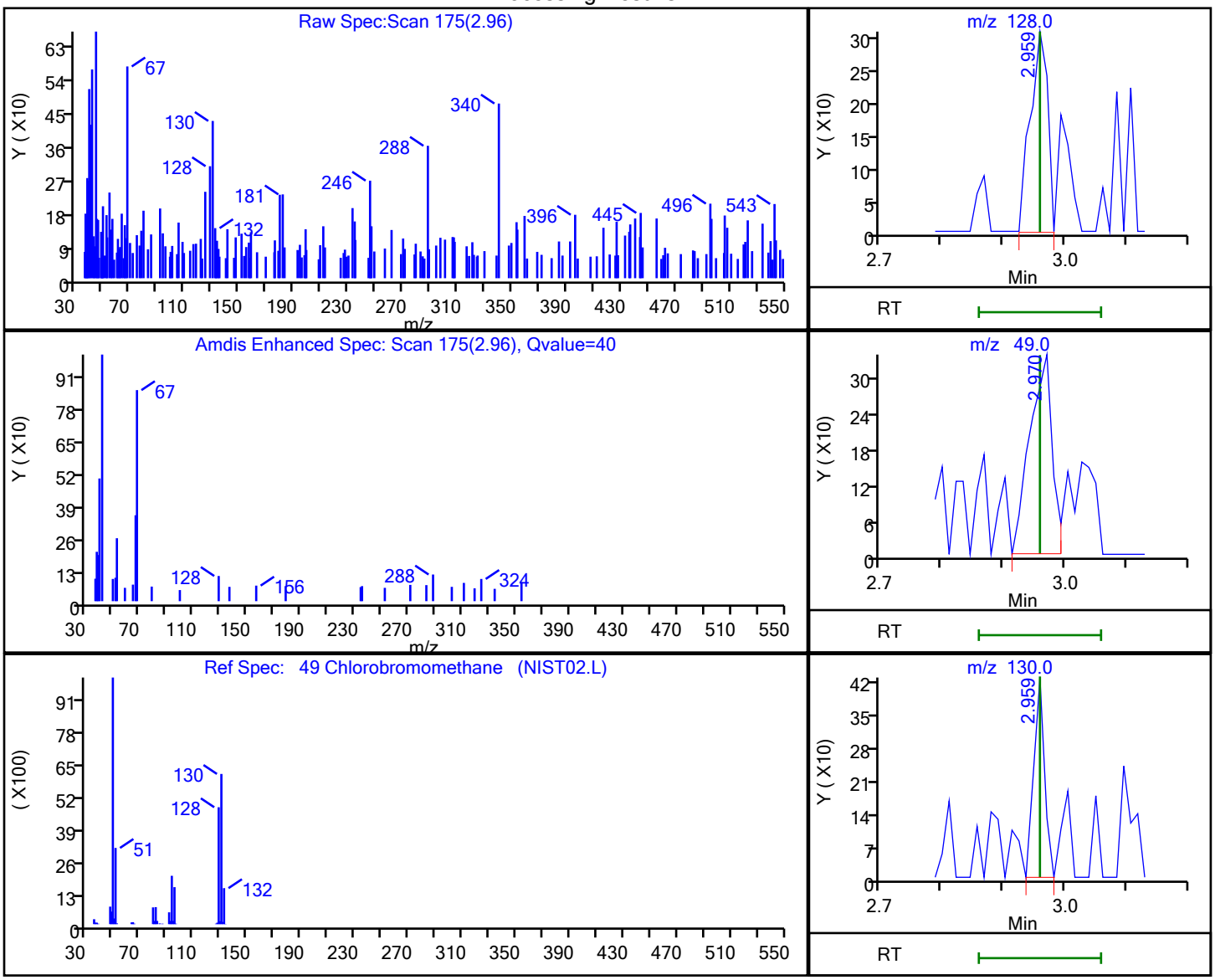
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

49 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
2.96	128.00	596	0.247051
2.97	49.00	856	
2.96	130.00	521	

Reviewer: NN6A, 23-Feb-2025 12:01:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

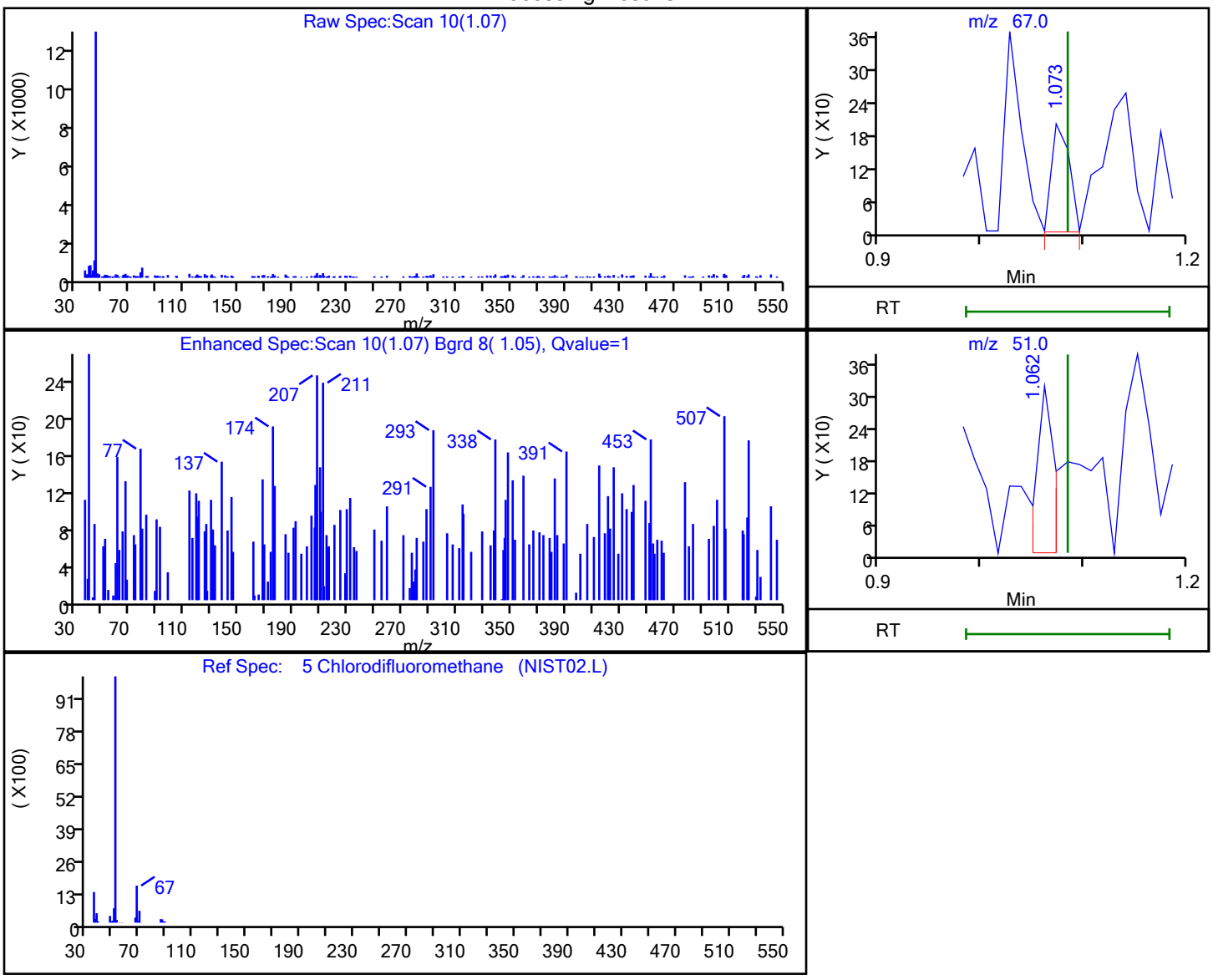
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.07	67.00	238	0.178527
1.06	51.00	387	

Reviewer: NN6A, 23-Feb-2025 12:01:22 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

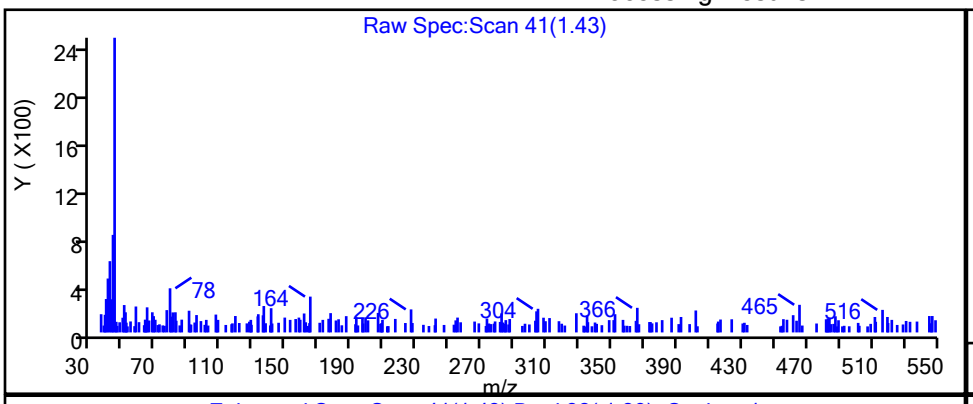
User Disabled Compound Report

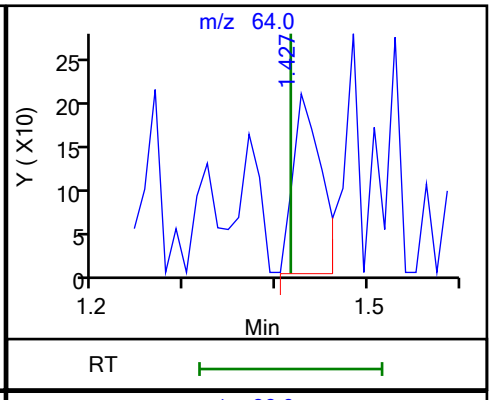
Eurofins Edison

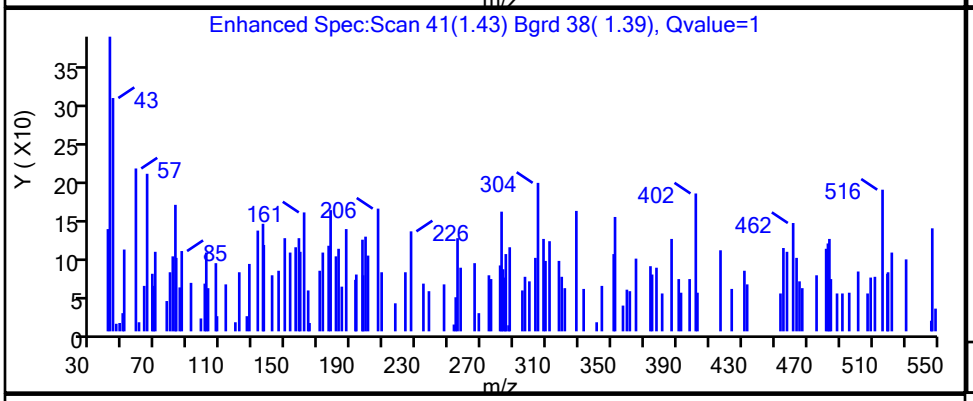
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

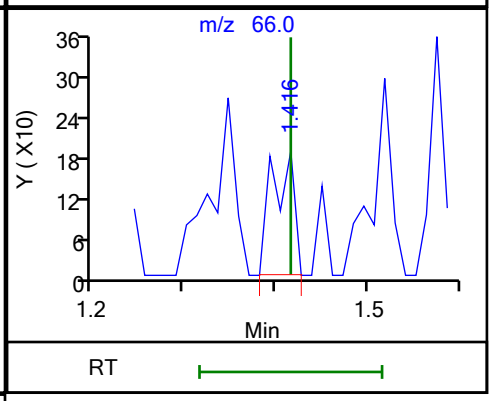
10 Chloroethane, CAS: 75-00-3

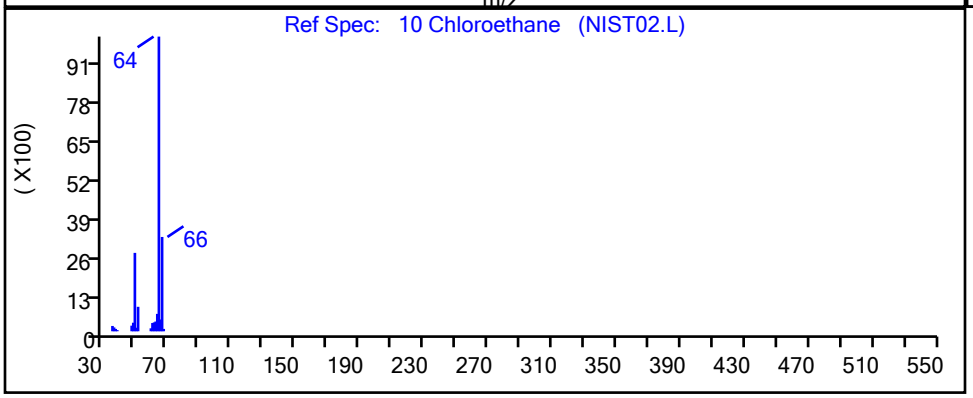
Processing Results











RT	Mass	Response	Amount
1.43	64.00	446	0.097283
1.42	66.00	314	

Reviewer: NN6A, 23-Feb-2025 12:01:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

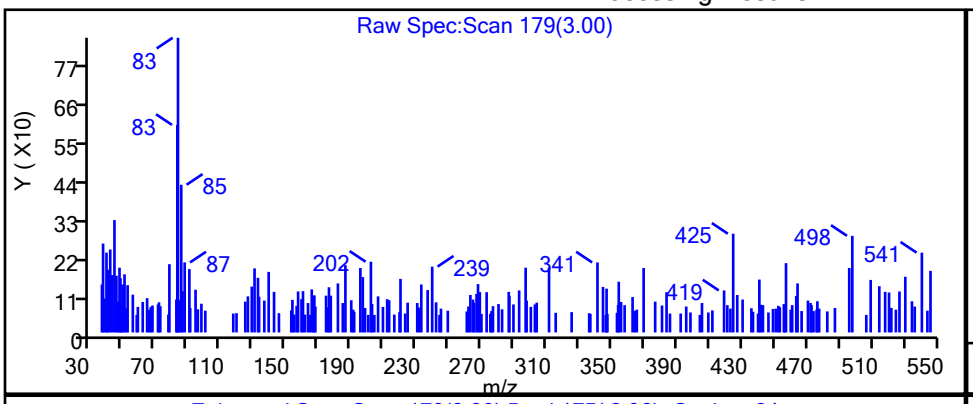
User Disabled Compound Report

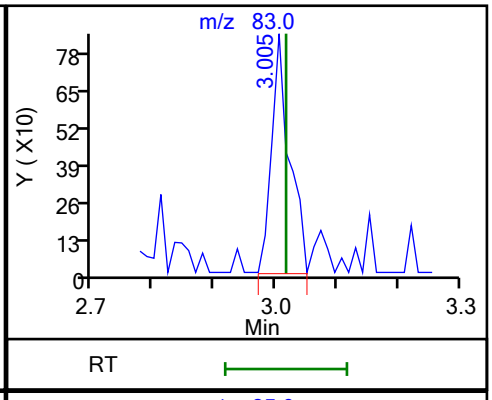
Eurofins Edison

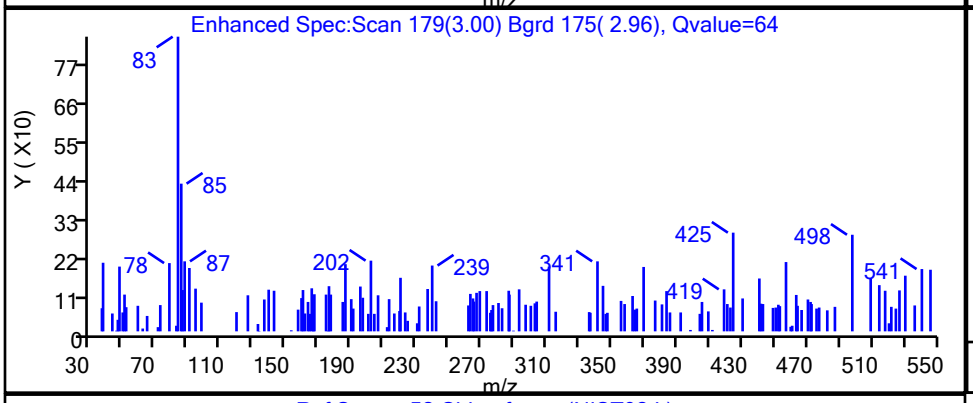
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

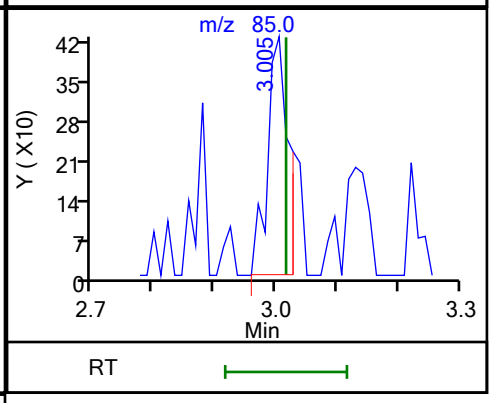
52 Chloroform, CAS: 67-66-3

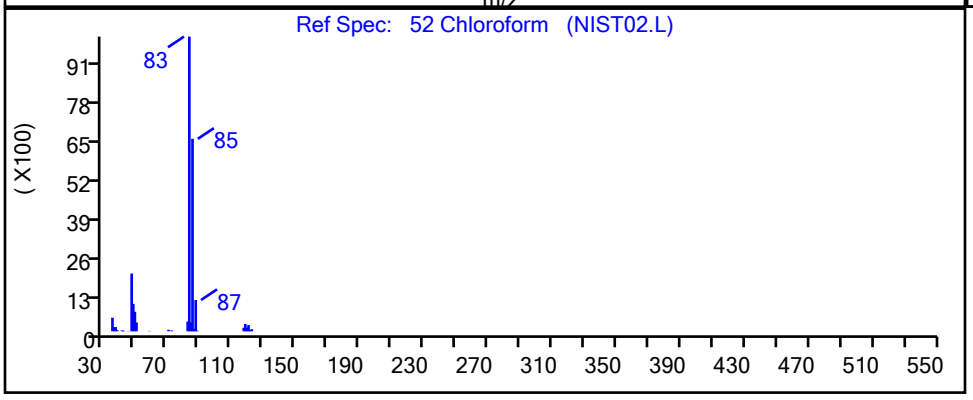
Processing Results











RT	Mass	Response	Amount
3.00	83.00	1702	0.247657
3.00	85.00	1004	

Reviewer: NN6A, 23-Feb-2025 12:01:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

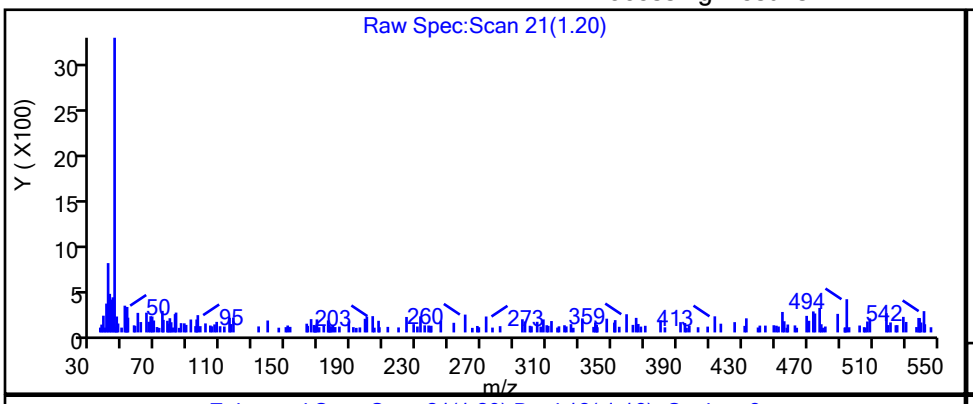
User Disabled Compound Report

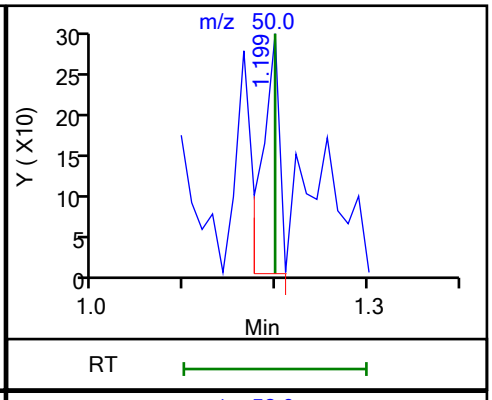
Eurofins Edison

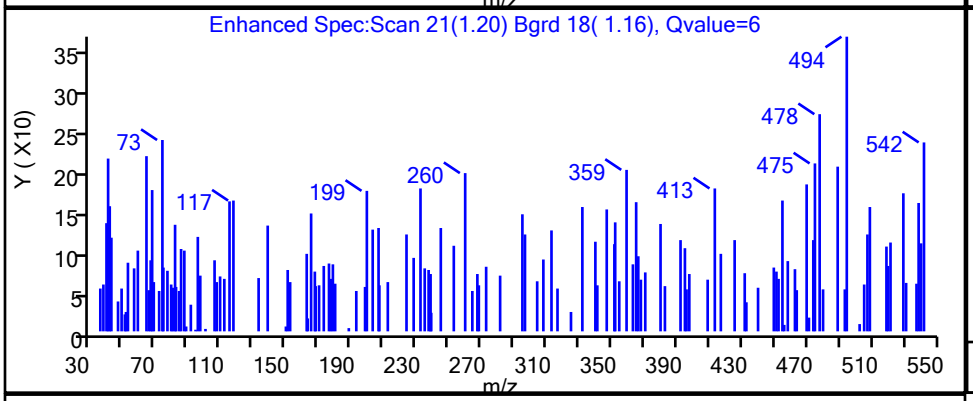
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

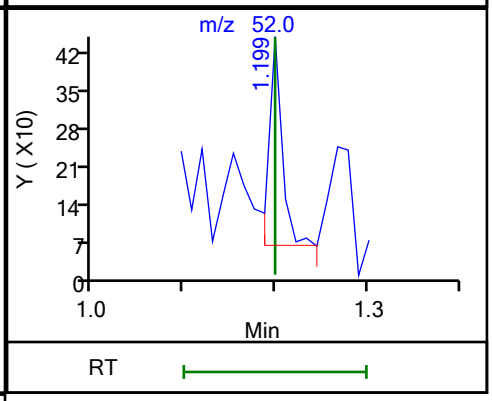
6 Chloromethane, CAS: 74-87-3

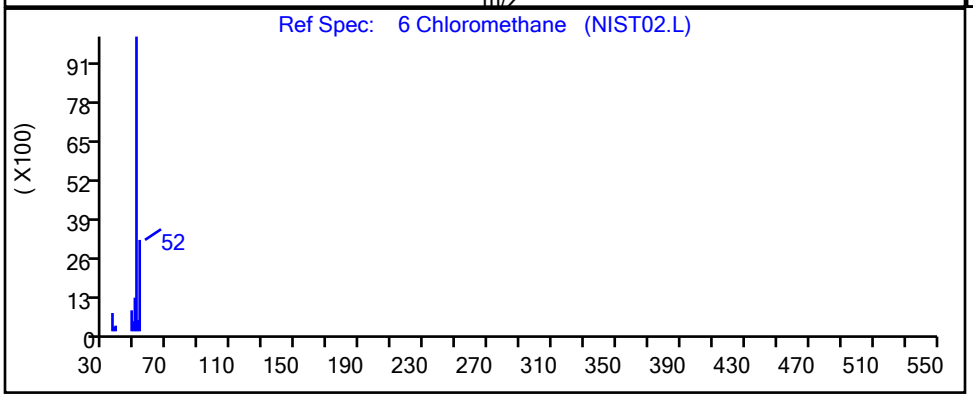
Processing Results











RT	Mass	Response	Amount
1.20	50.00	376	0.027237
1.20	52.00	383	

Reviewer: NN6A, 23-Feb-2025 12:01:22 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

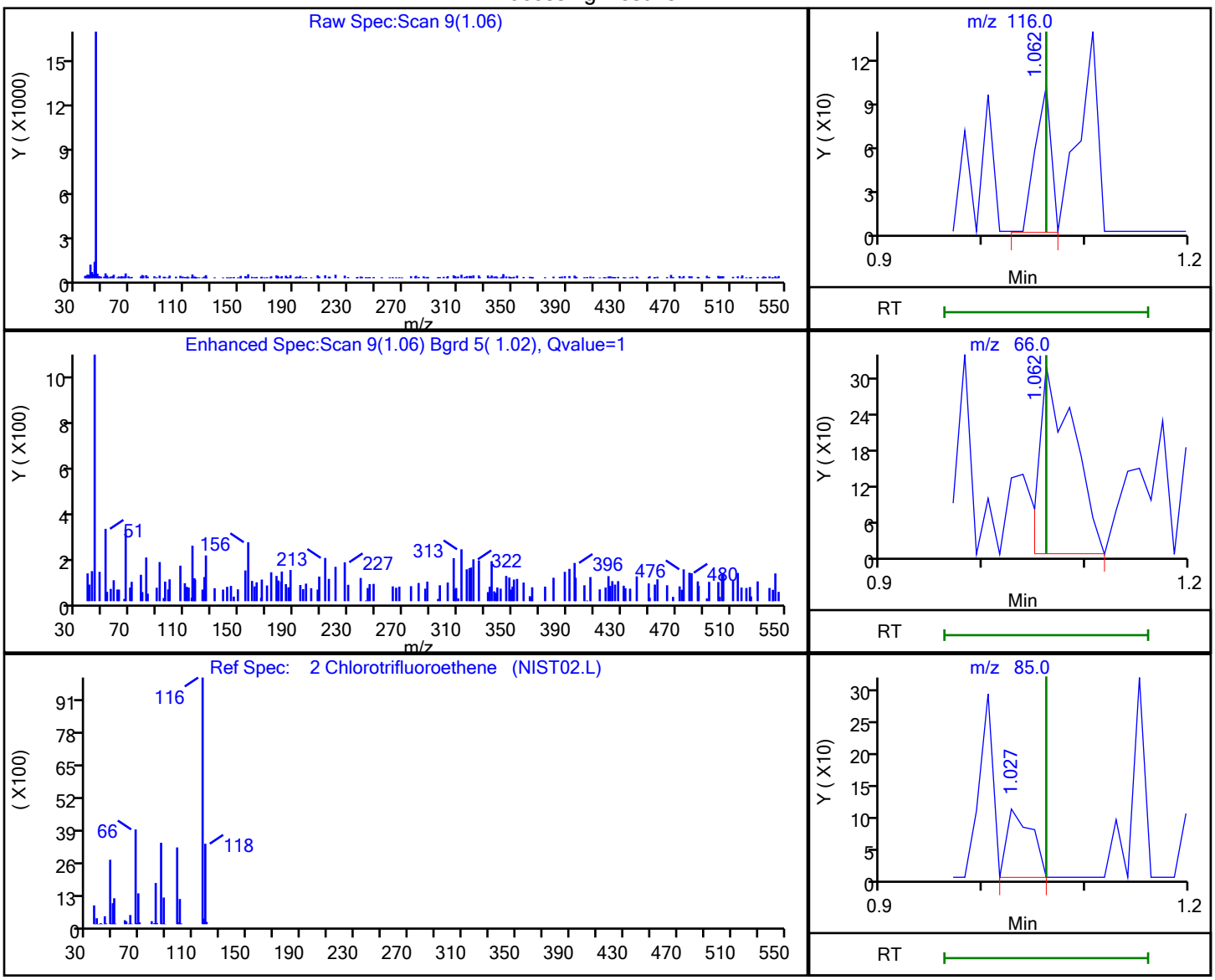
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

2 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.06	116.00	108	0.038016
1.06	66.00	726	
1.03	85.00	182	
1.07	118.00	120	

Reviewer: NN6A, 23-Feb-2025 12:01:21 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

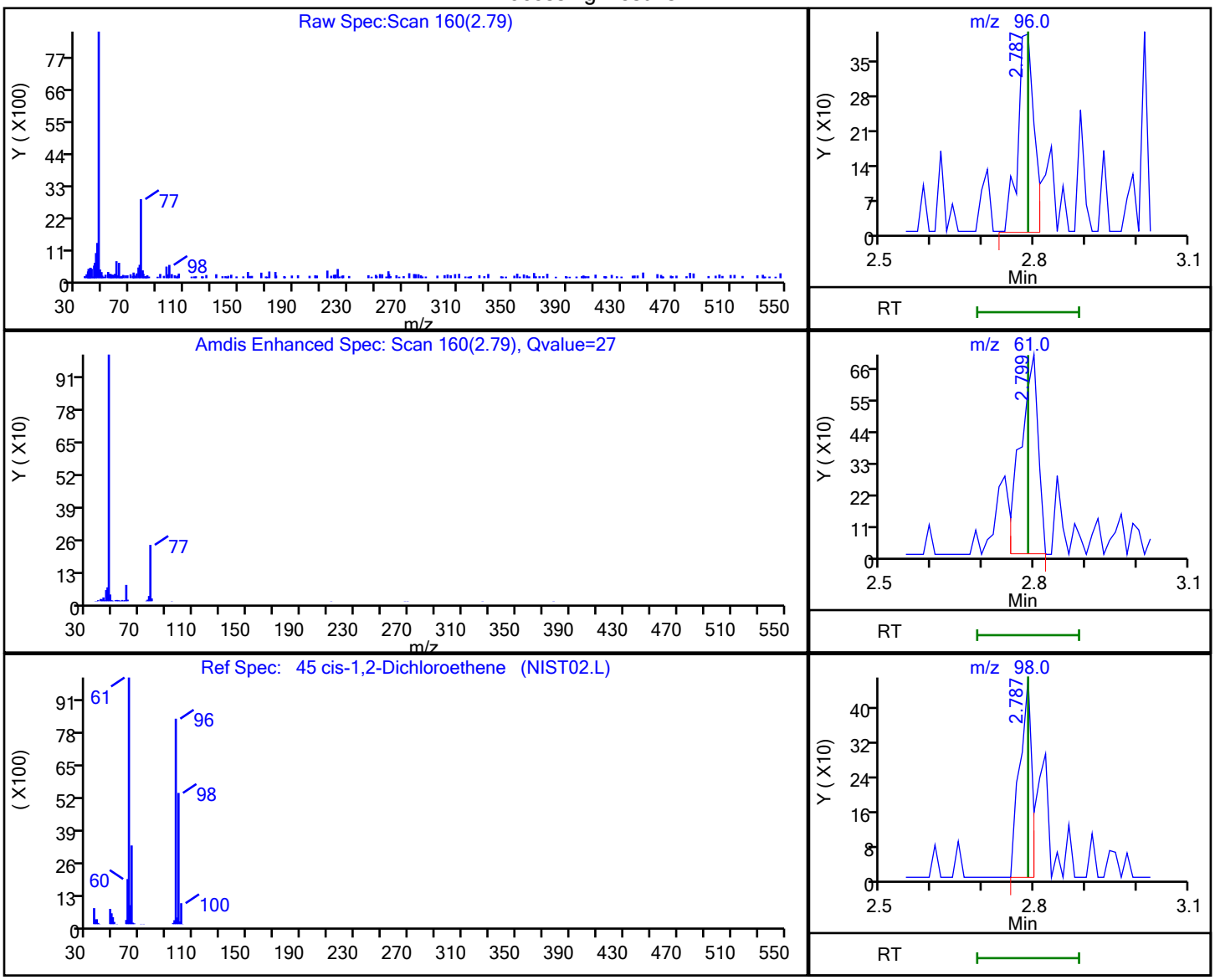
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

45 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
2.79	96.00	900	0.207914
2.80	61.00	1706	
2.79	98.00	769	

Reviewer: NN6A, 23-Feb-2025 12:01:28 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

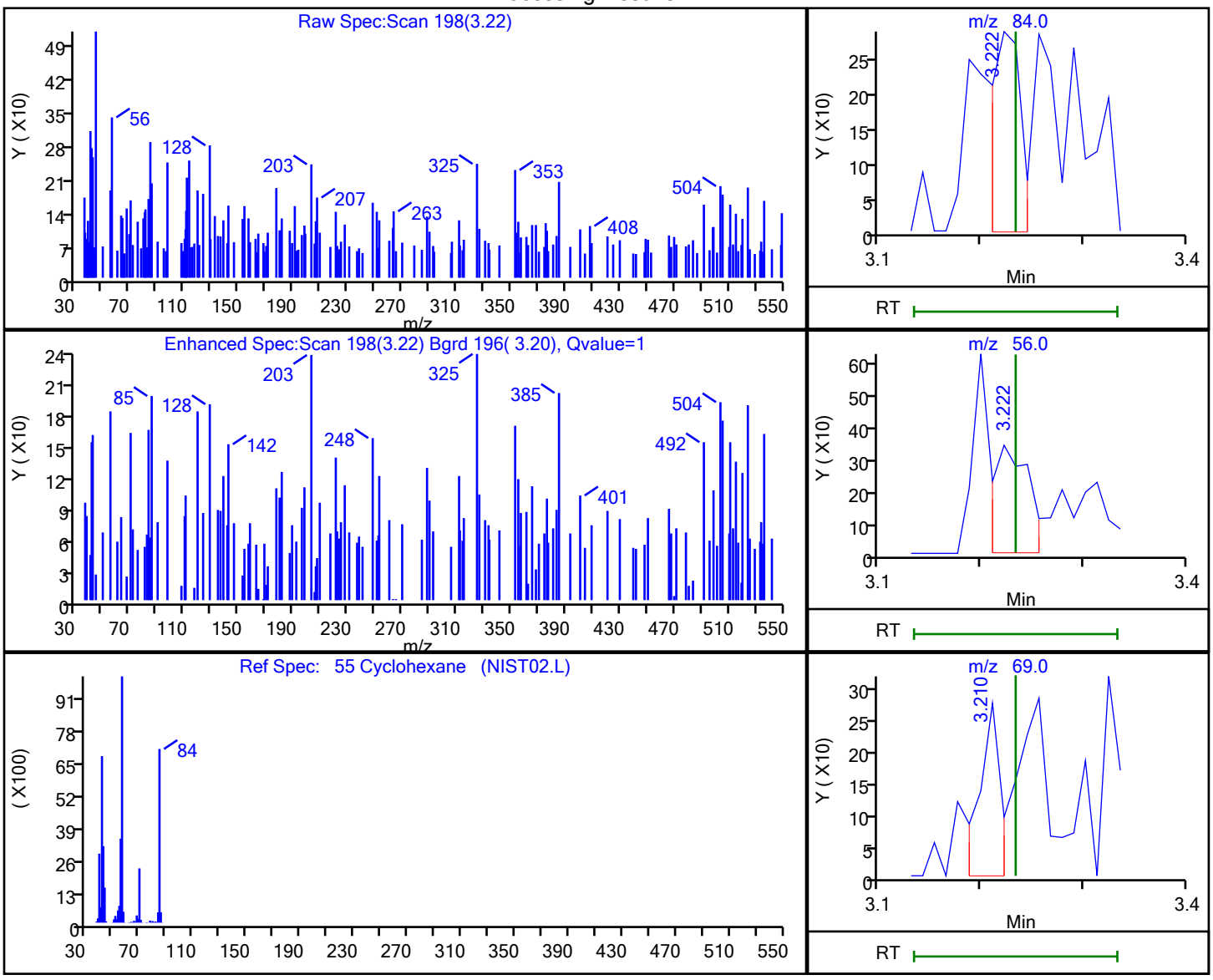
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

55 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
3.22	84.00	573	0.077027
3.22	56.00	838	
3.21	69.00	395	

Reviewer: NN6A, 23-Feb-2025 12:01:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

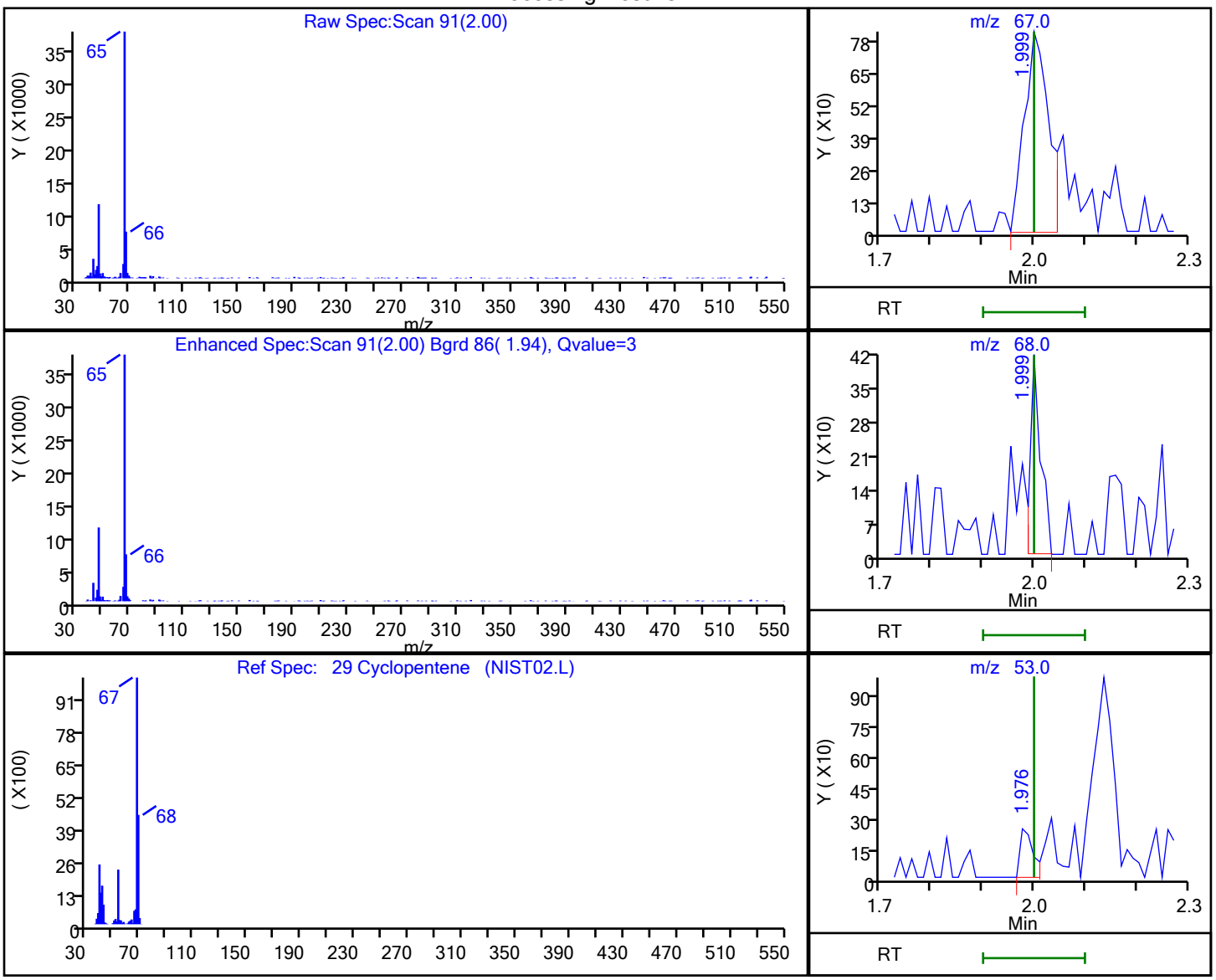
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.00	67.00	2696	0.256147
2.00	68.00	588	
1.98	53.00	427	

Reviewer: NN6A, 23-Feb-2025 12:01:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

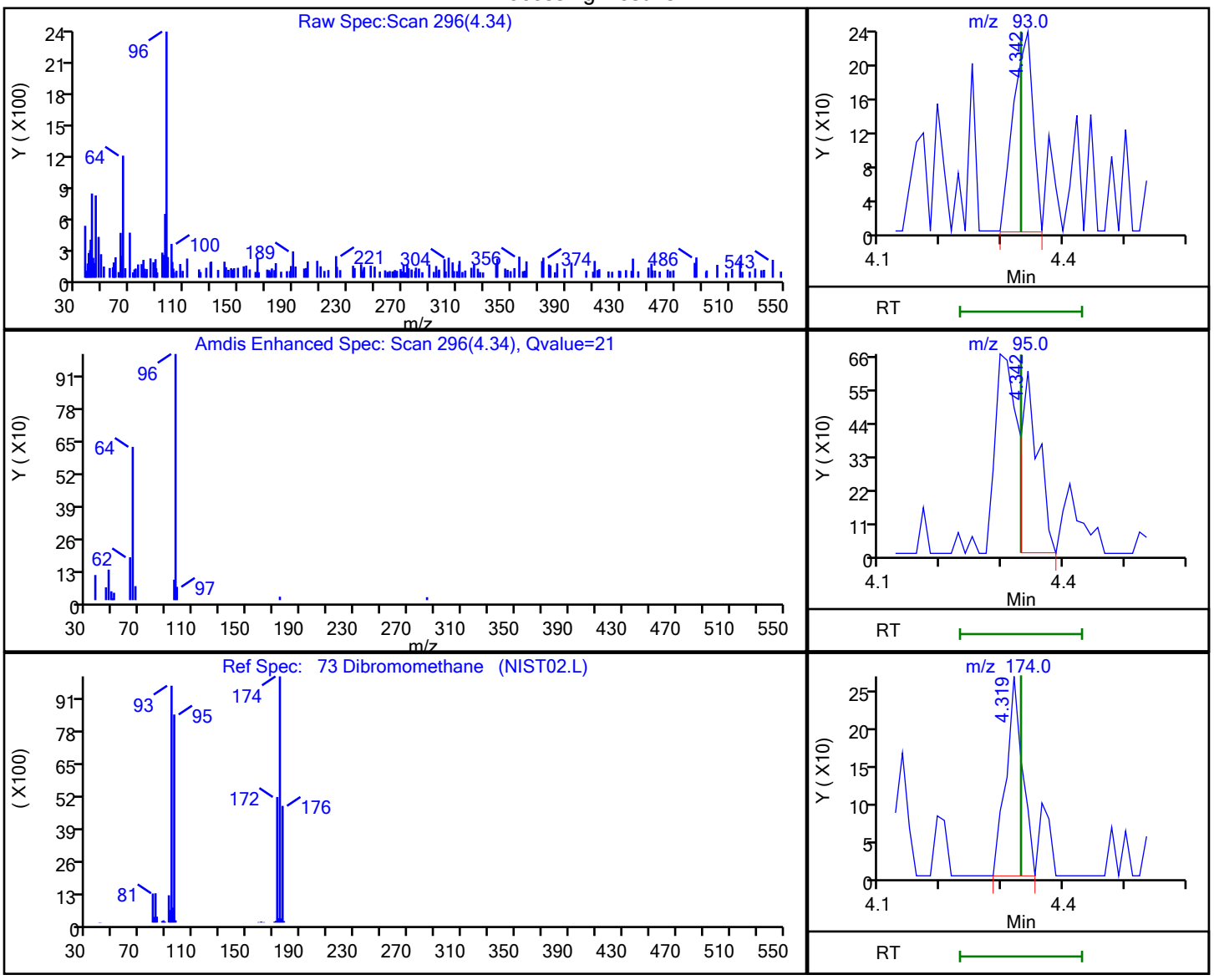
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
4.34	93.00	531	0.218192
4.34	95.00	1195	
4.32	174.00	492	

Reviewer: NN6A, 23-Feb-2025 12:02:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

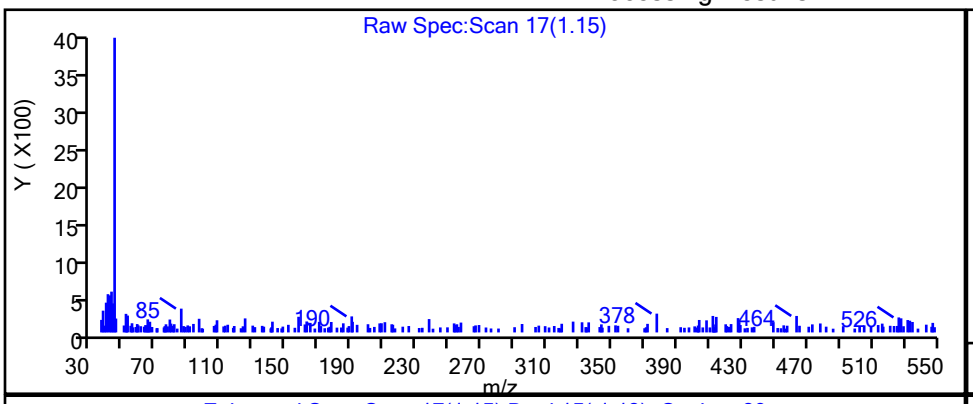
User Disabled Compound Report

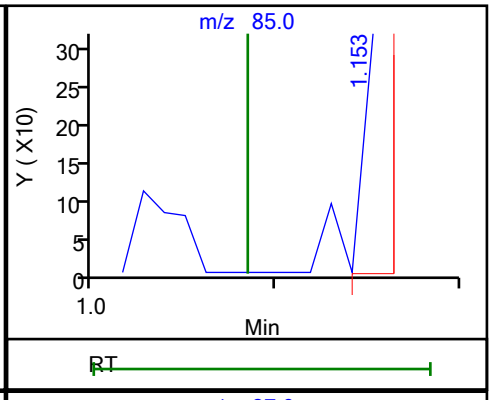
Eurofins Edison

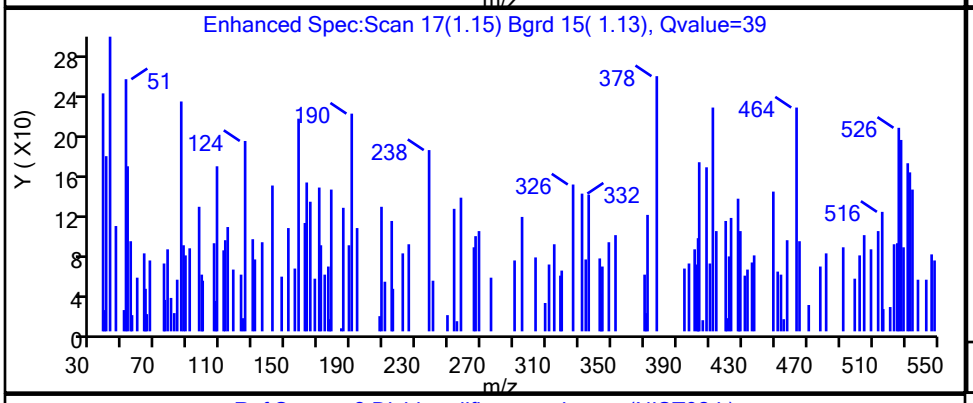
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

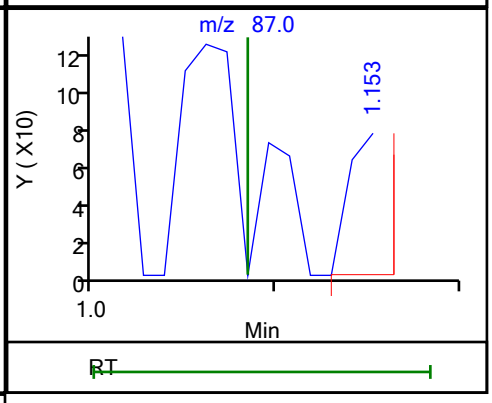
3 Dichlorodifluoromethane, CAS: 75-71-8

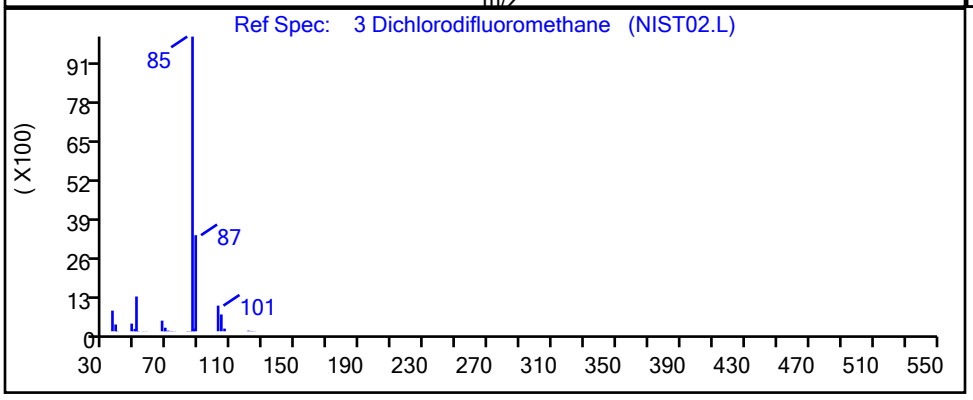
Processing Results











RT	Mass	Response	Amount
1.15	85.00	219	0.018031
1.15	87.00	93	

Reviewer: NN6A, 23-Feb-2025 12:01:22 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

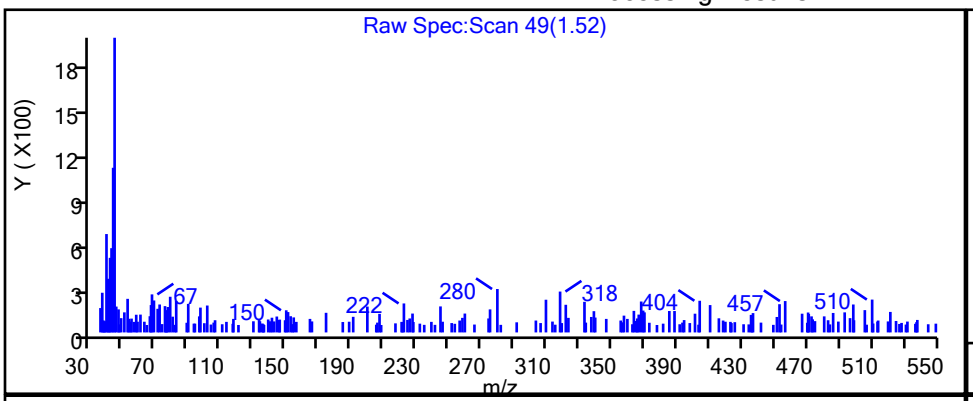
User Disabled Compound Report

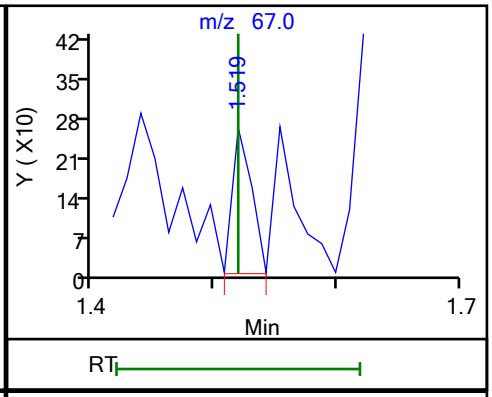
Eurofins Edison

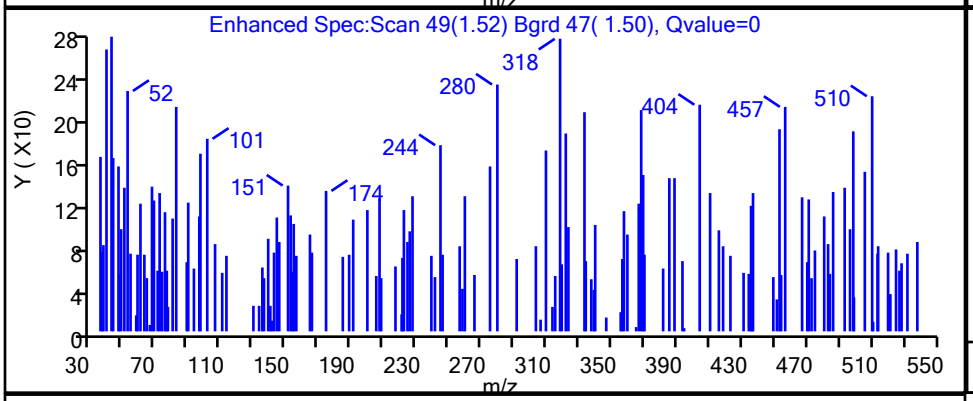
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

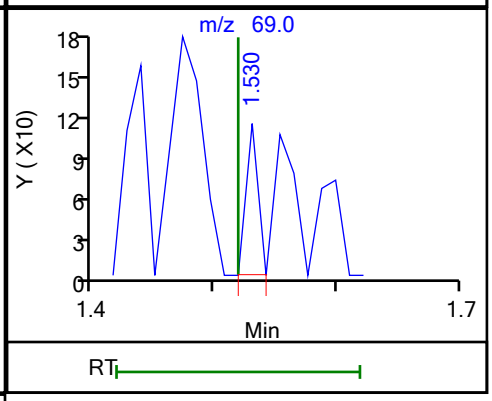
11 Dichlorofluoromethane, CAS: 75-43-4

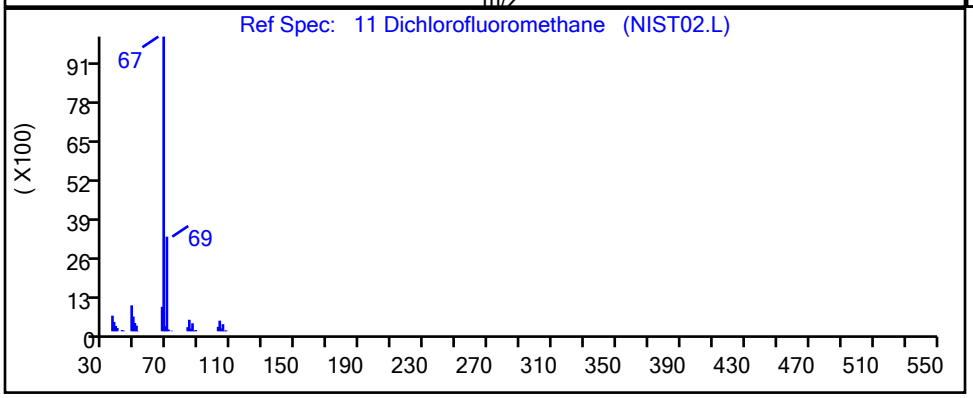
Processing Results











RT	Mass	Response	Amount
1.52	67.00	278	0.024008
1.53	69.00	75	

Reviewer: NN6A, 23-Feb-2025 12:01:23 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

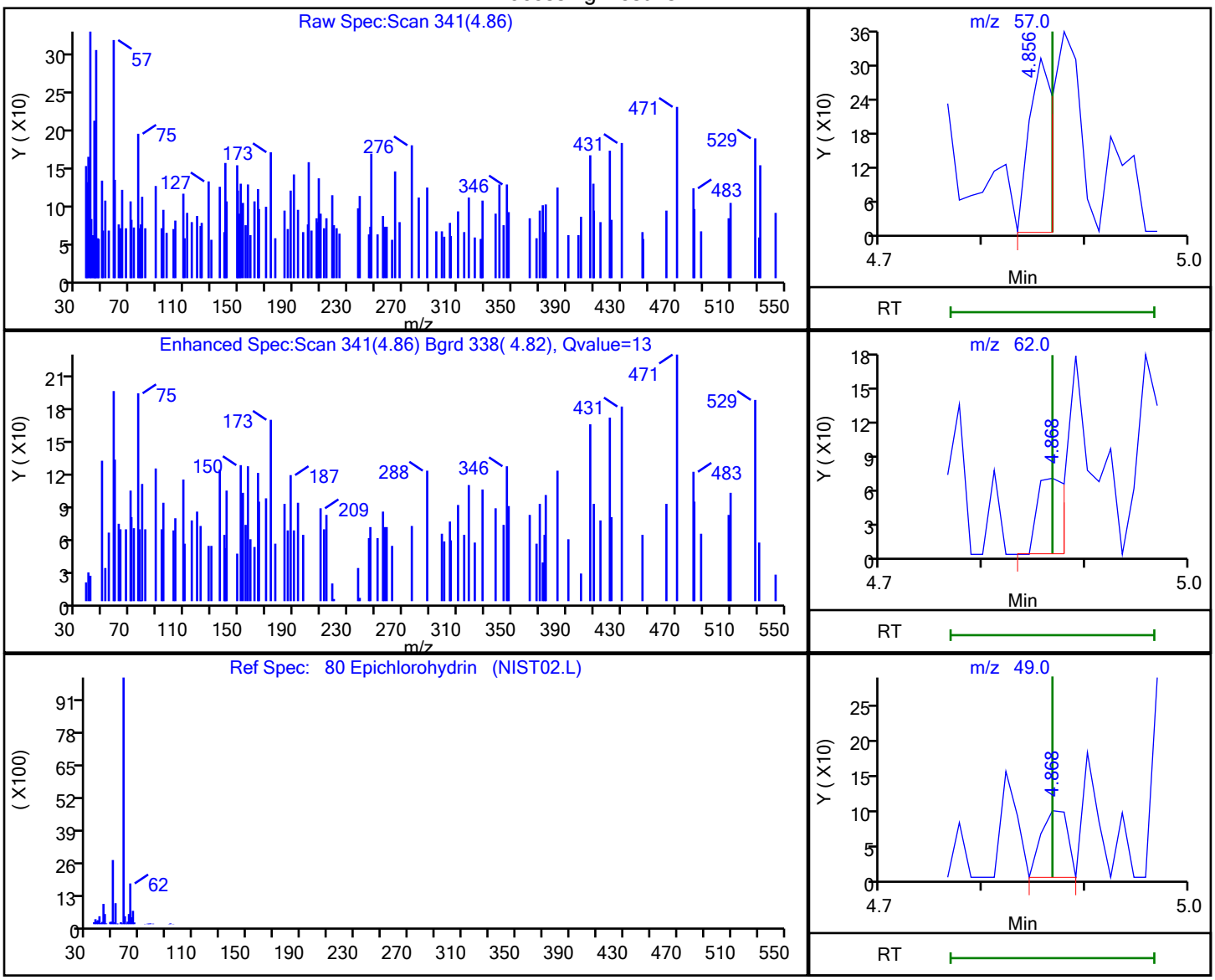
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Processing Results



RT	Mass	Response	Amount
4.86	57.00	514	2.141163
4.87	62.00	133	
4.87	49.00	172	

Reviewer: NN6A, 23-Feb-2025 12:02:20 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

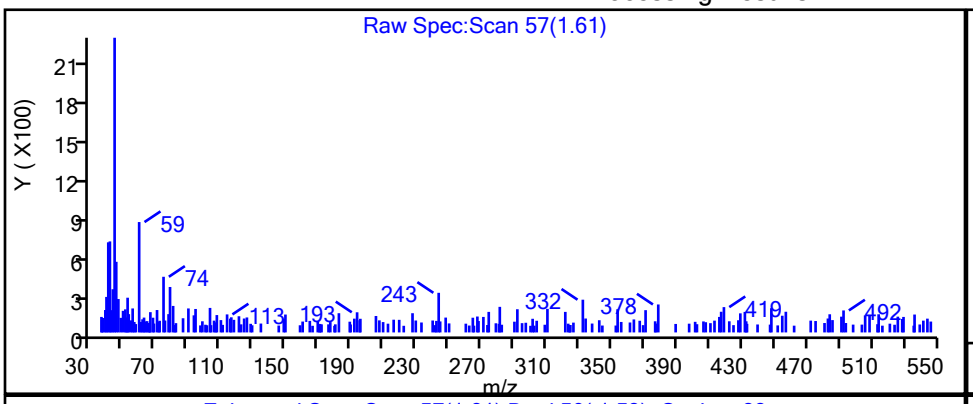
User Disabled Compound Report

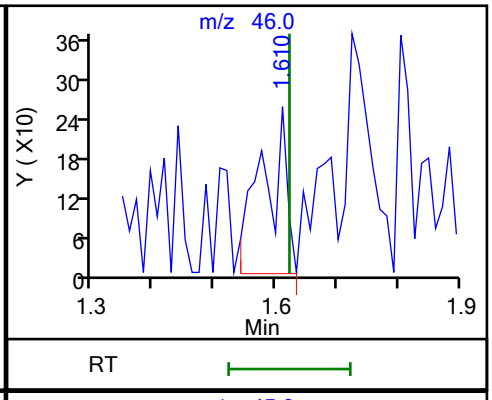
Eurofins Edison

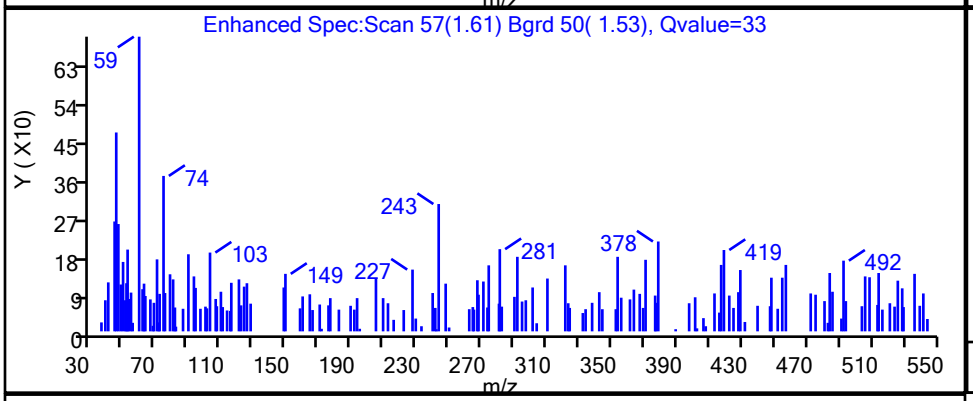
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

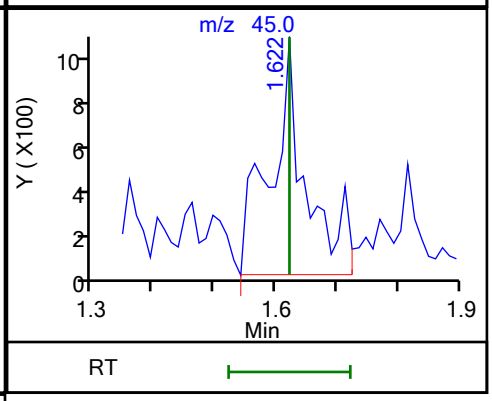
14 Ethanol, CAS: 64-17-5

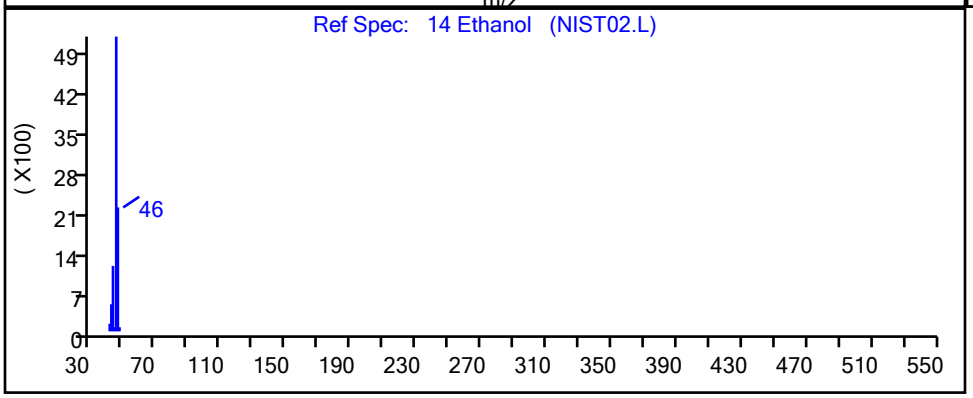
Processing Results











RT	Mass	Response	Amount
1.61	46.00	700	29.954284
1.62	45.00	4140	

Reviewer: NN6A, 23-Feb-2025 12:01:24 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

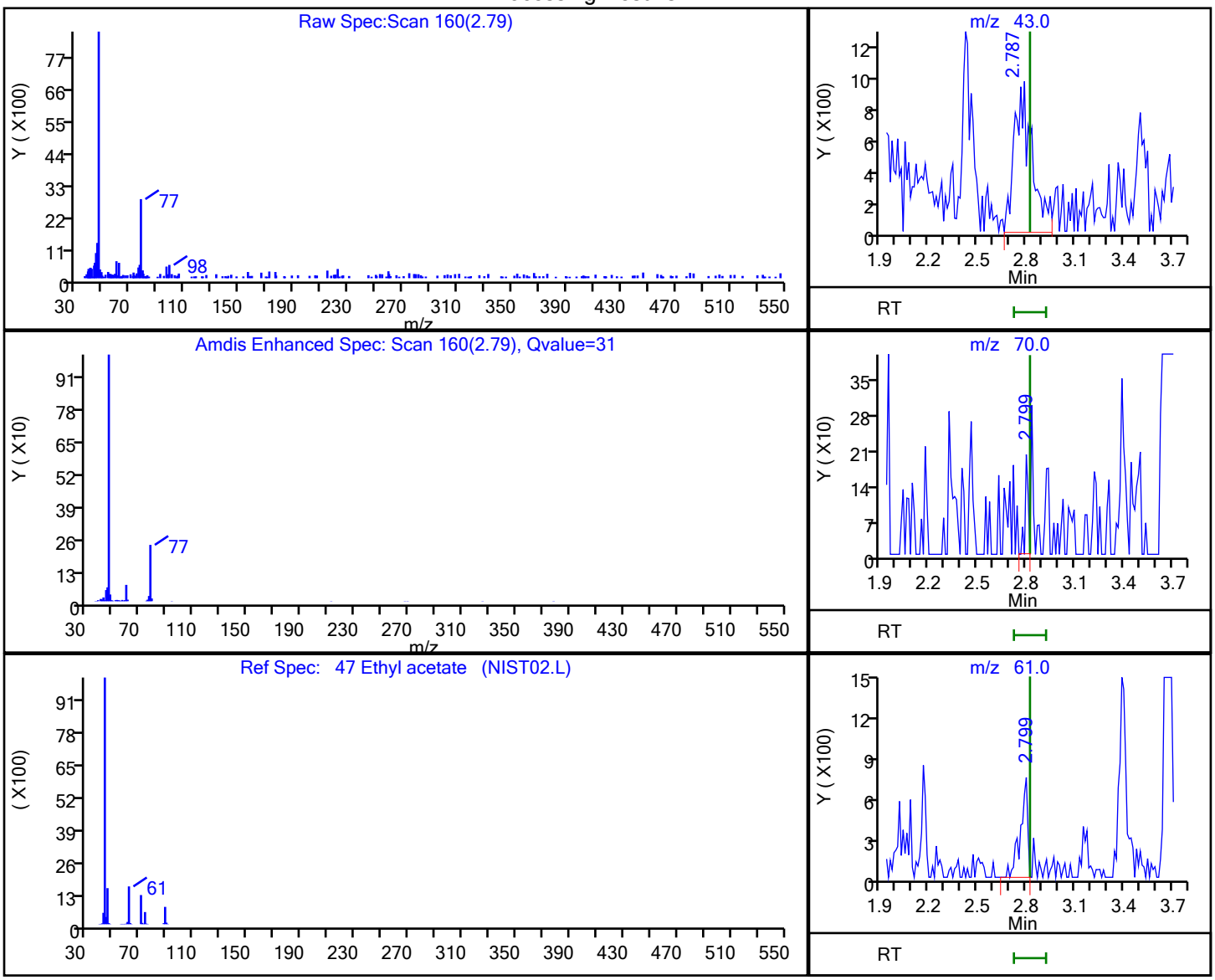
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
2.79	43.00	7362	1.351942
2.80	70.00	252	
2.80	61.00	2204	

Reviewer: NN6A, 23-Feb-2025 12:01:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

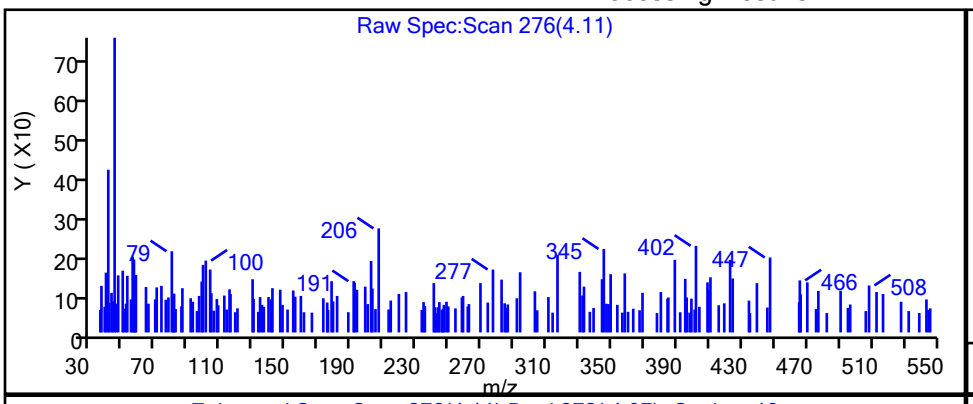
User Disabled Compound Report

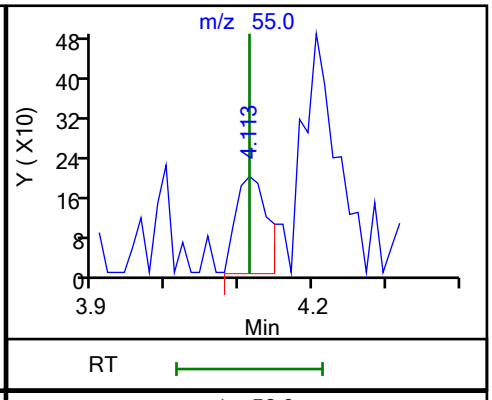
Eurofins Edison

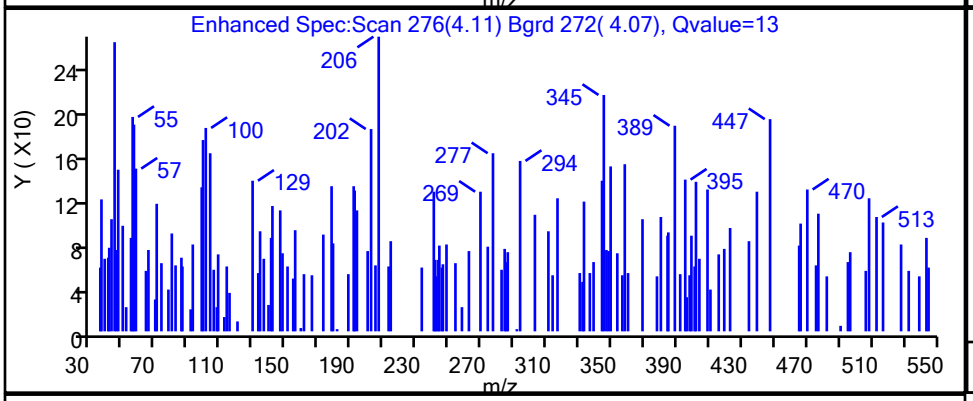
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

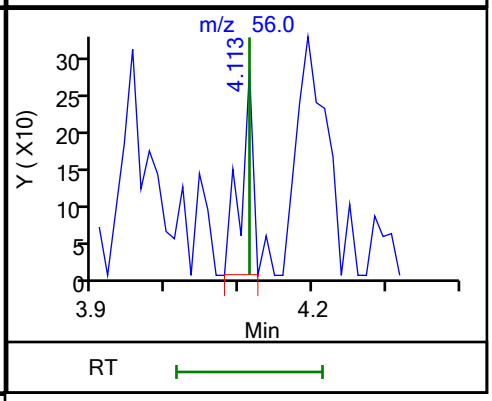
69 Ethyl acrylate, CAS: 140-88-5

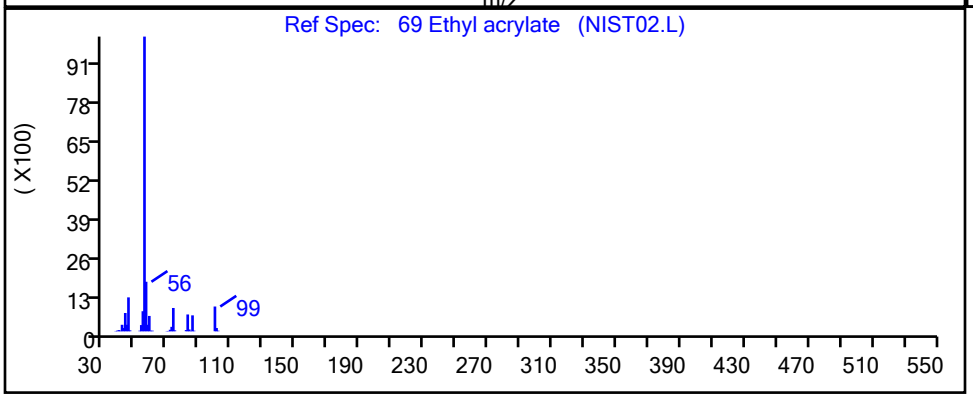
Processing Results











RT	Mass	Response	Amount
4.11	55.00	586	0.169278
4.11	56.00	330	

Reviewer: NN6A, 23-Feb-2025 12:01:59 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

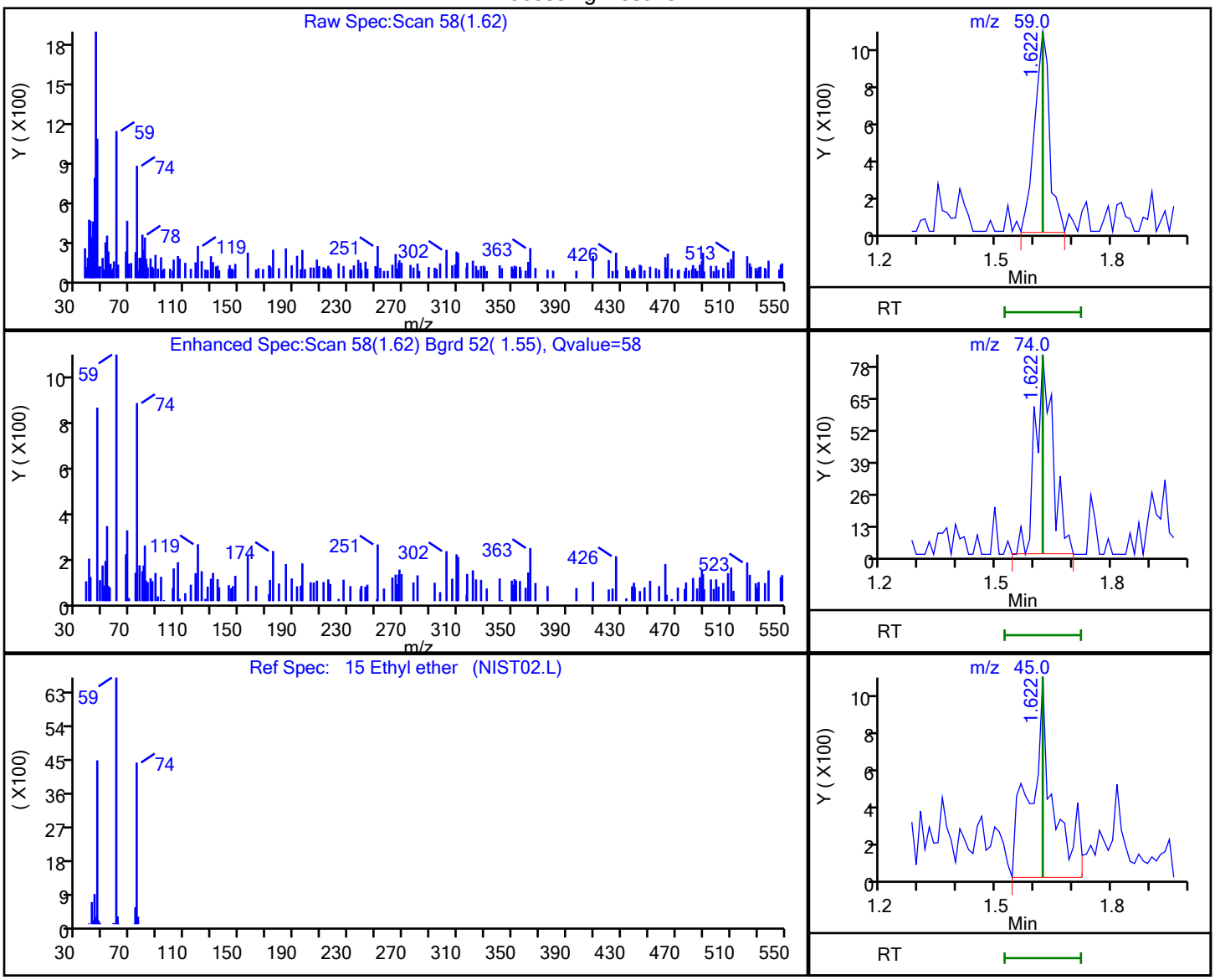
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.62	59.00	2902	0.953990
1.62	74.00	2643	
1.62	45.00	4140	

Reviewer: NN6A, 23-Feb-2025 12:01:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

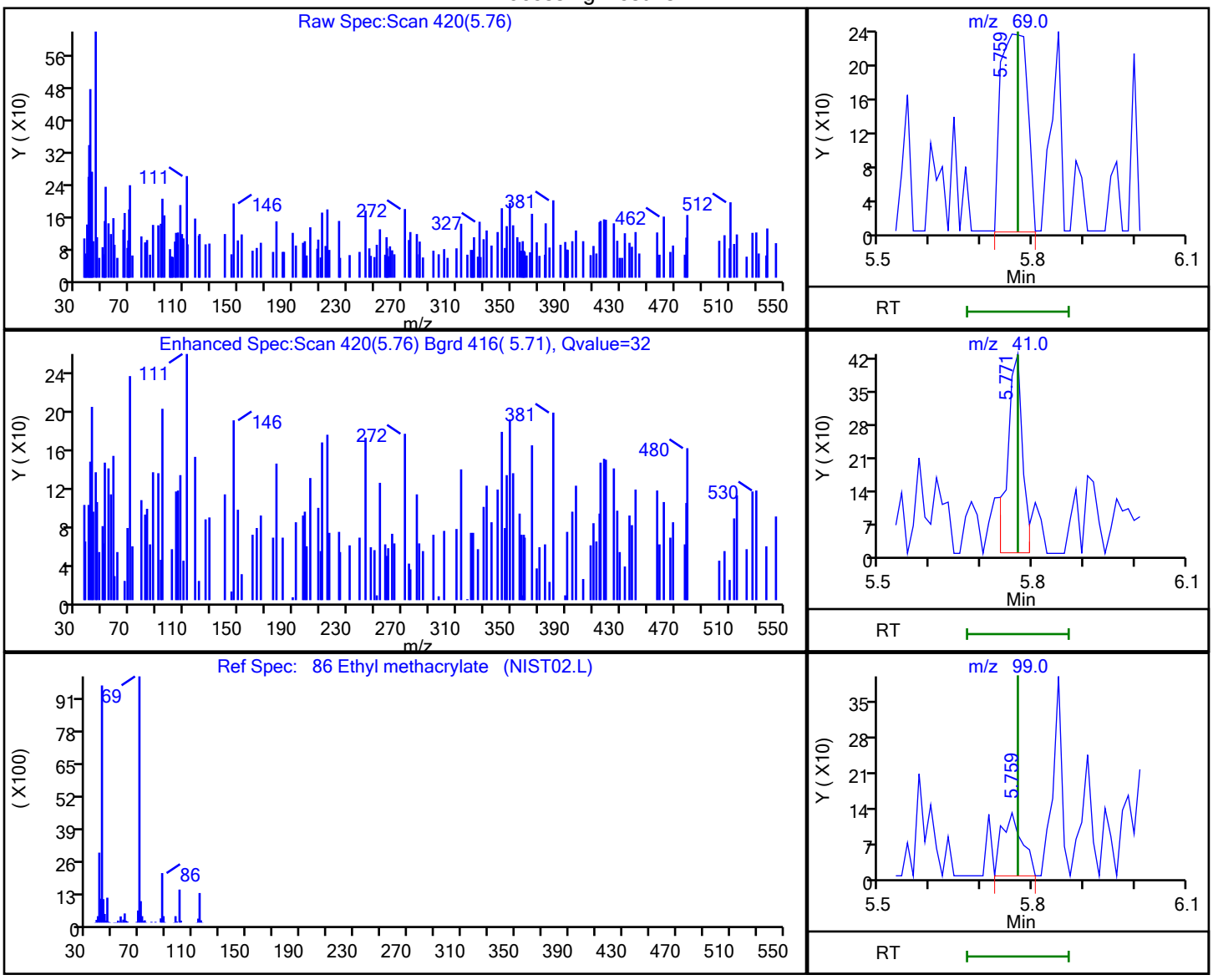
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
5.76	69.00	848	0.211346
5.77	41.00	880	
5.76	99.00	348	

Reviewer: NN6A, 23-Feb-2025 12:02:35 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

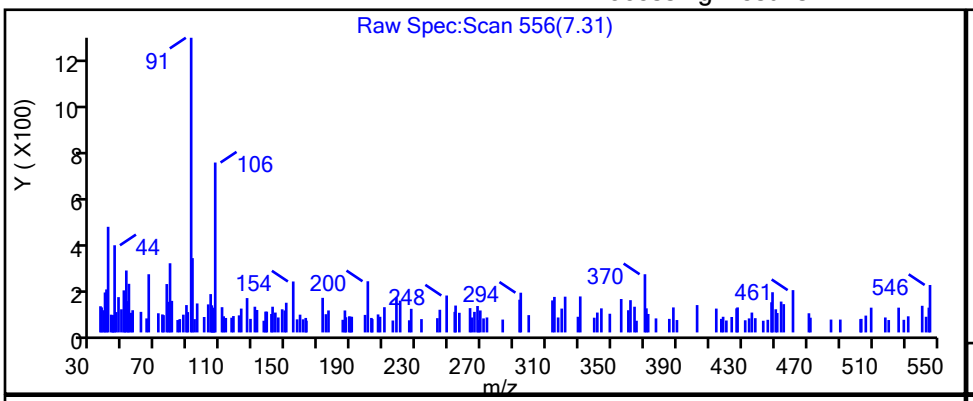
User Disabled Compound Report

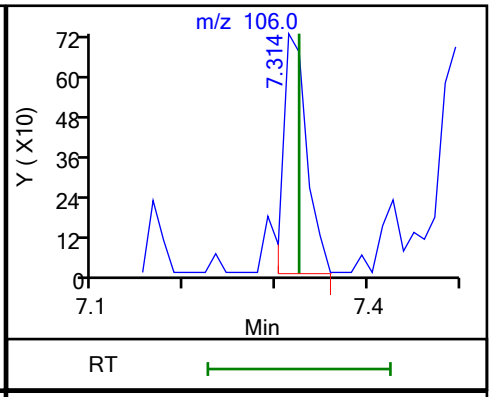
Eurofins Edison

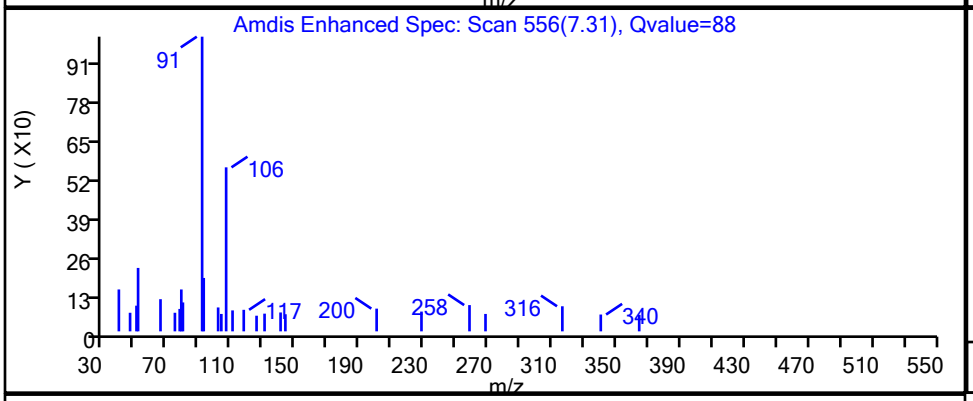
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

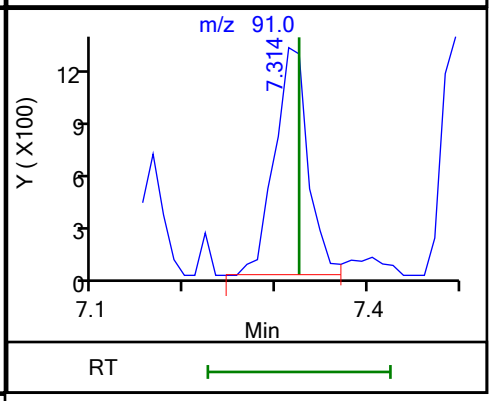
97 Ethylbenzene, CAS: 100-41-4

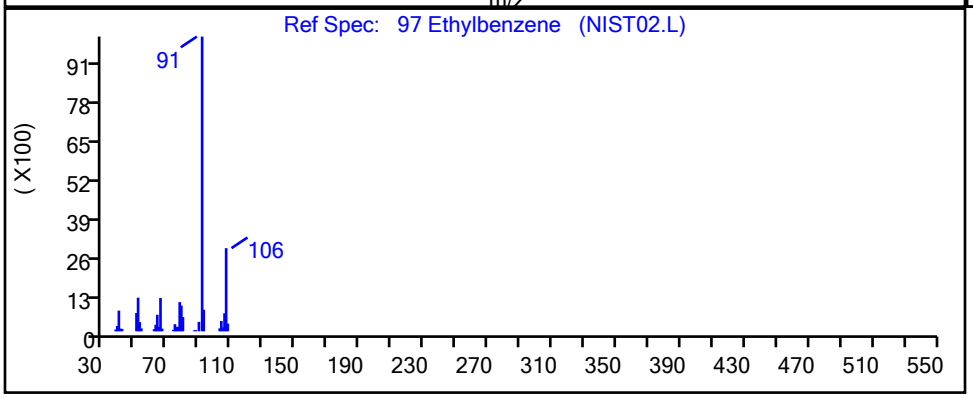
Processing Results











RT	Mass	Response	Amount
7.31	106.00	1271	0.230352
7.31	91.00	3250	

Reviewer: NN6A, 23-Feb-2025 12:03:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

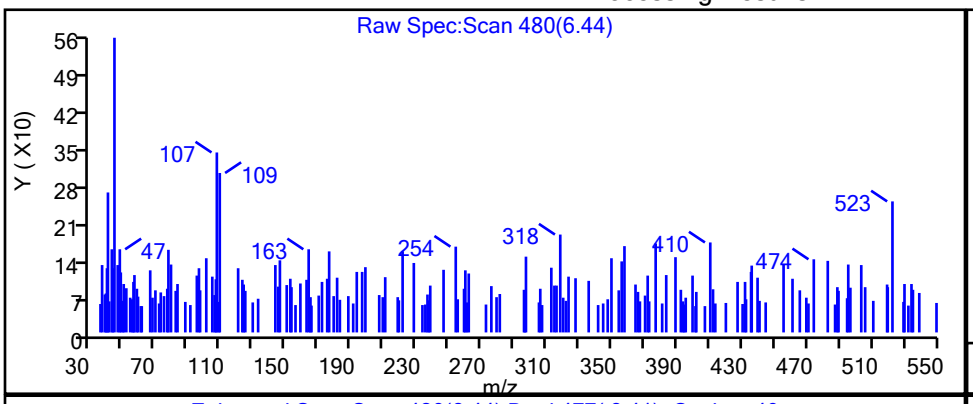
User Disabled Compound Report

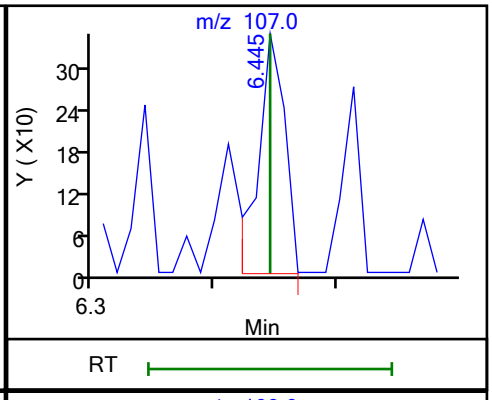
Eurofins Edison

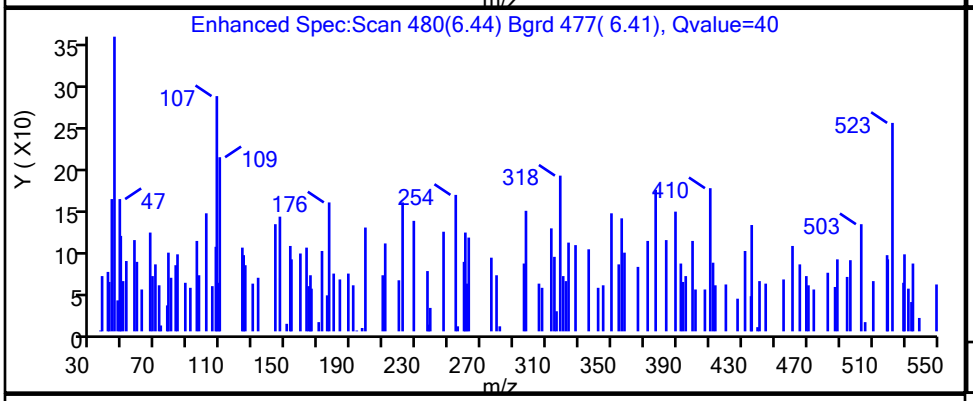
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

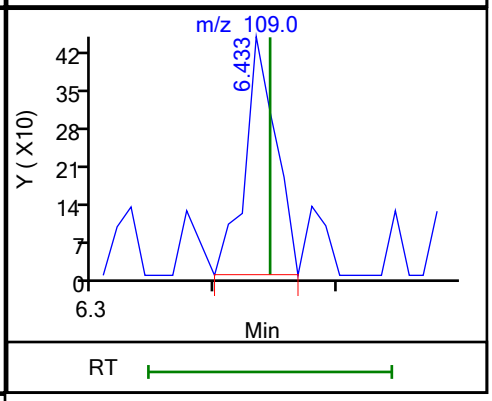
93 Ethylene Dibromide, CAS: 106-93-4

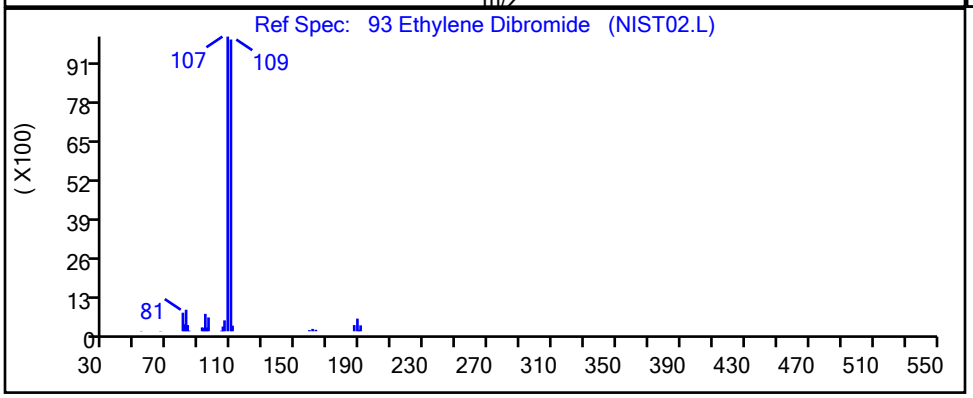
Processing Results











RT	Mass	Response	Amount
6.44	107.00	524	0.167497
6.43	109.00	780	

Reviewer: NN6A, 23-Feb-2025 12:03:03 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

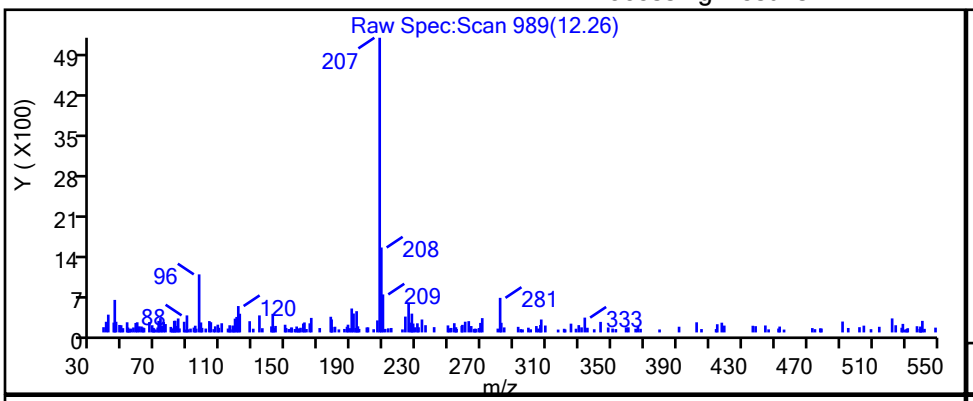
User Disabled Compound Report

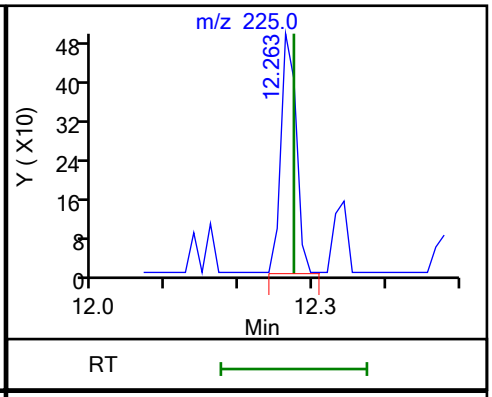
Eurofins Edison

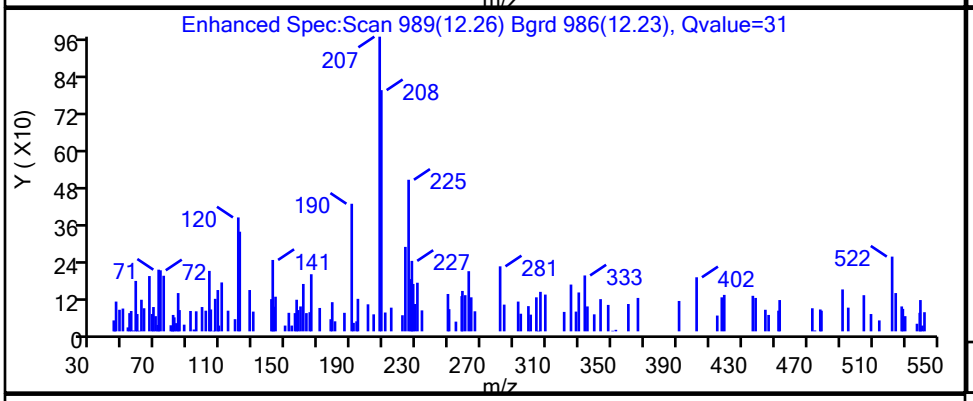
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

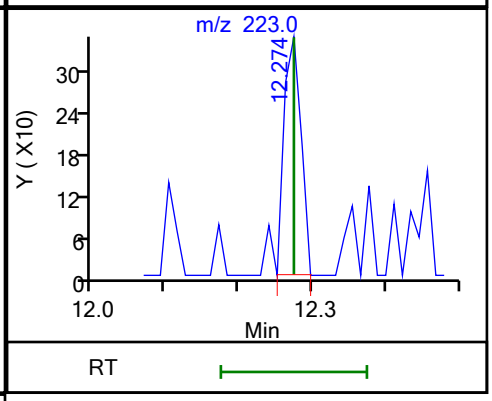
133 Hexachlorobutadiene, CAS: 87-68-3

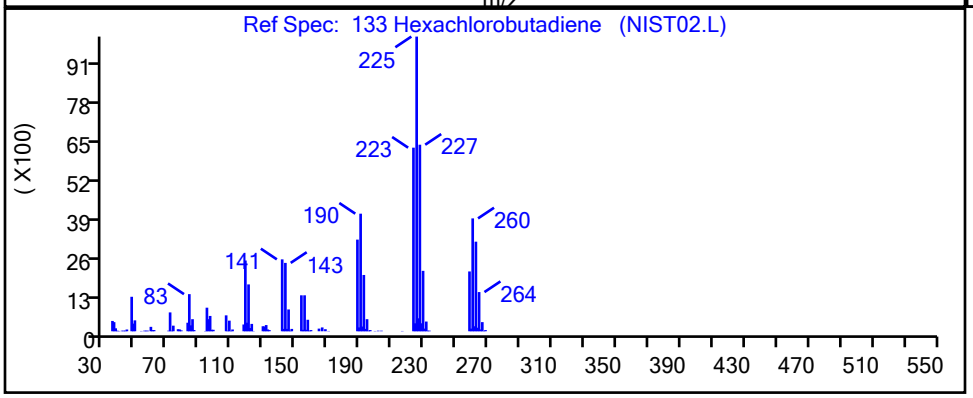
Processing Results











RT	Mass	Response	Amount
12.26	225.00	722	0.258133
12.27	223.00	554	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 23-Feb-2025 12:52:22 Chrom Revision: 2.3 18-Feb-2025 08:41:40

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D

Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9

Lims ID: STD8

Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

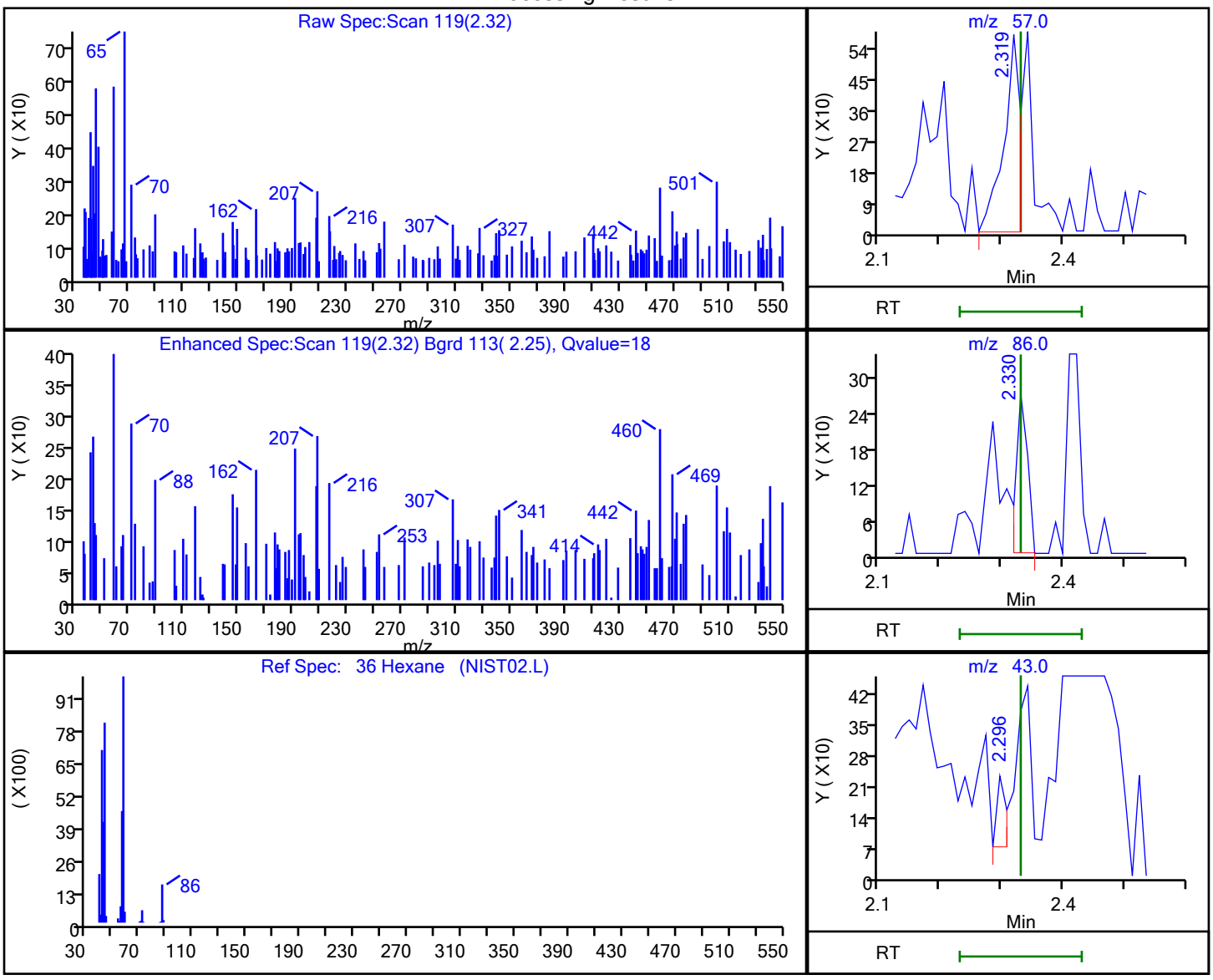
Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.32	57.00	1079	0.234161
2.33	86.00	349	
2.30	43.00	170	
2.30	56.00	508	

Reviewer: NN6A, 23-Feb-2025 12:01:27 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

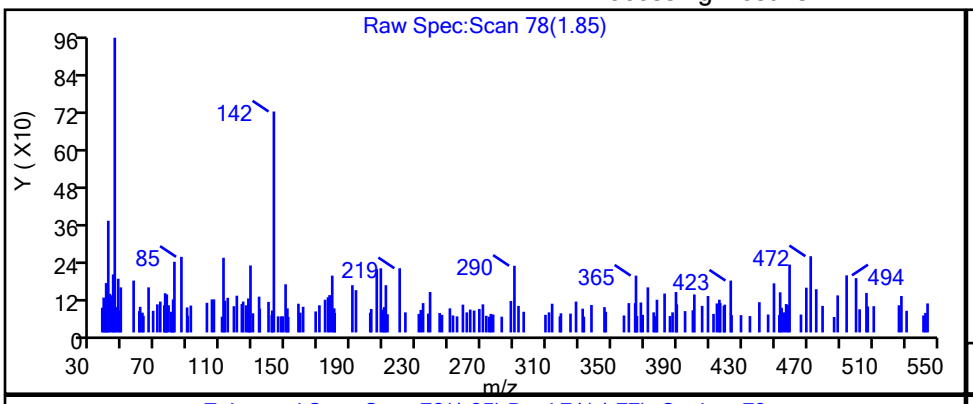
User Disabled Compound Report

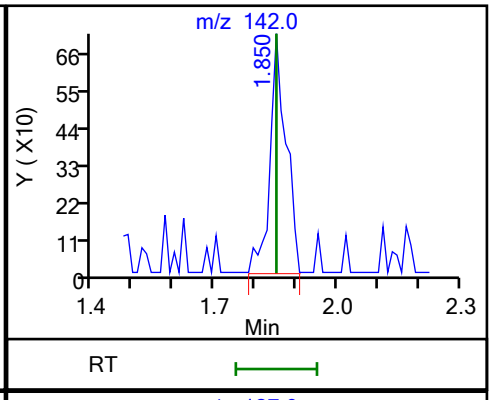
Eurofins Edison

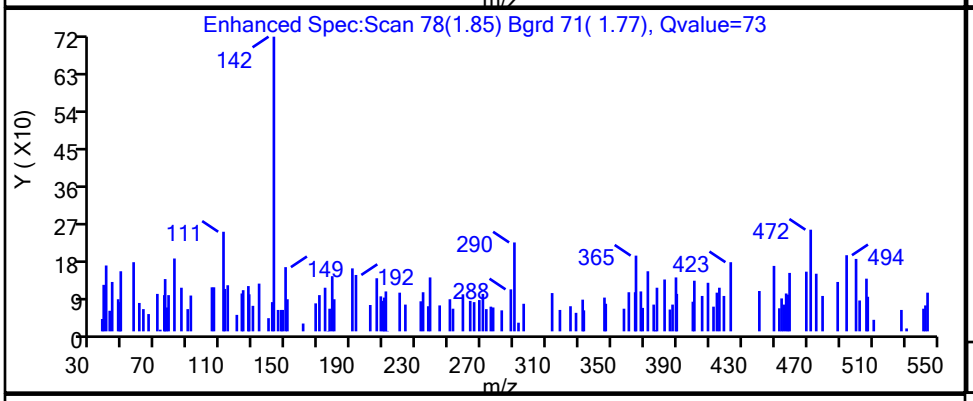
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

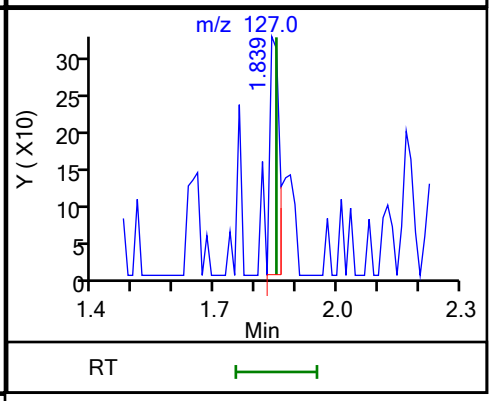
23 Iodomethane, CAS: 74-88-4

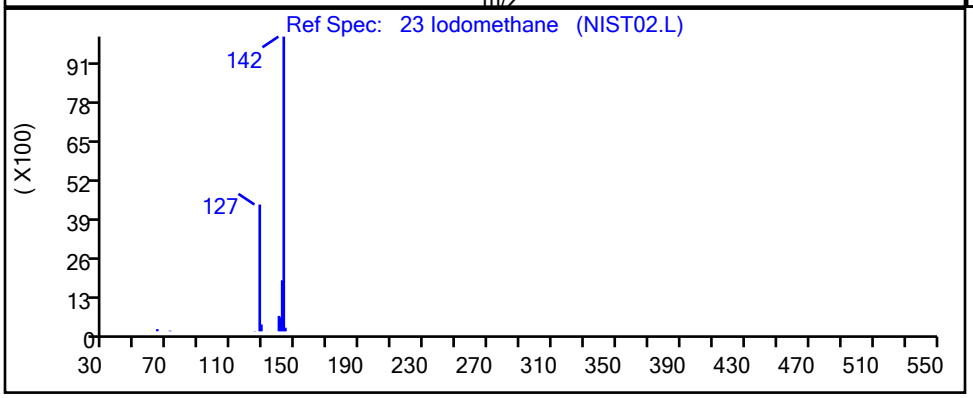
Processing Results











RT	Mass	Response	Amount
1.85	142.00	1967	0.213682
1.84	127.00	514	

Reviewer: NN6A, 23-Feb-2025 12:01:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

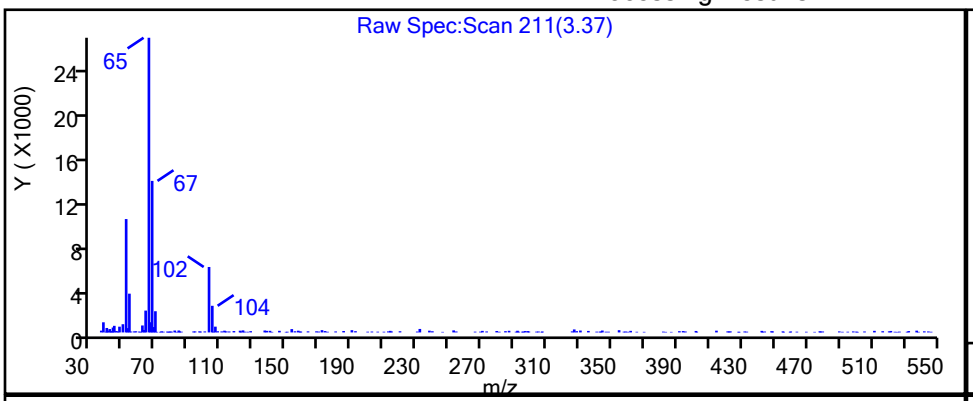
User Disabled Compound Report

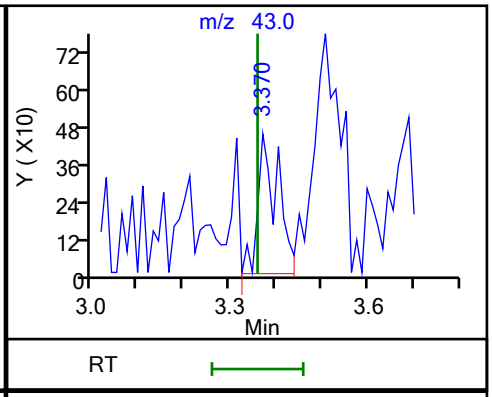
Eurofins Edison

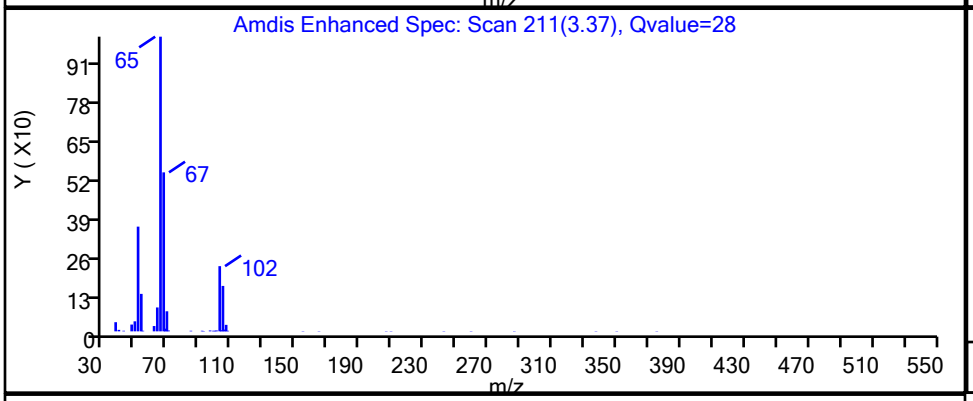
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

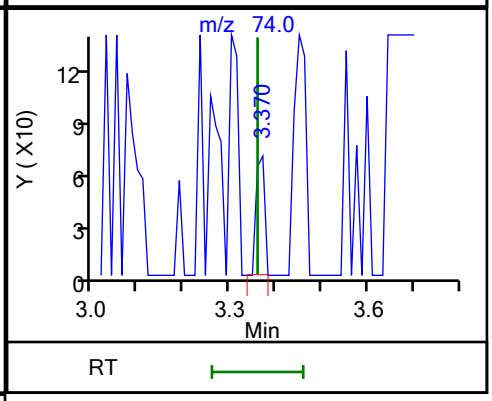
61 Isobutyl alcohol, CAS: 78-83-1

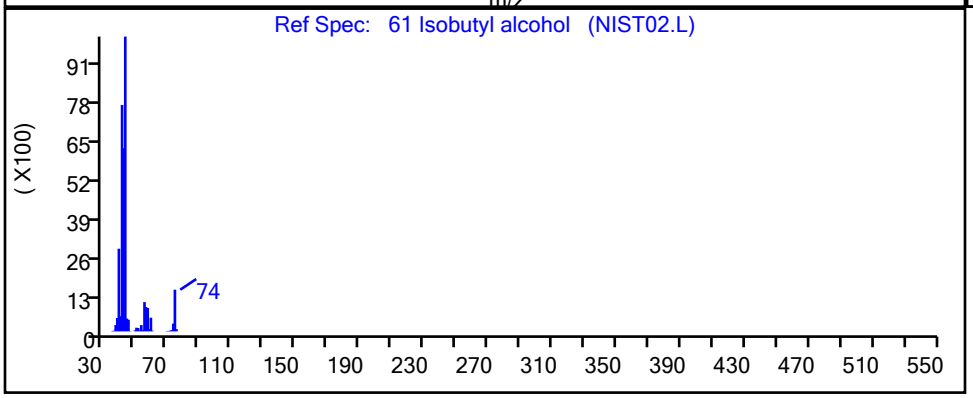
Processing Results











RT	Mass	Response	Amount
3.37	43.00	1351	12.533617
3.37	74.00	89	

Reviewer: NN6A, 23-Feb-2025 12:01:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

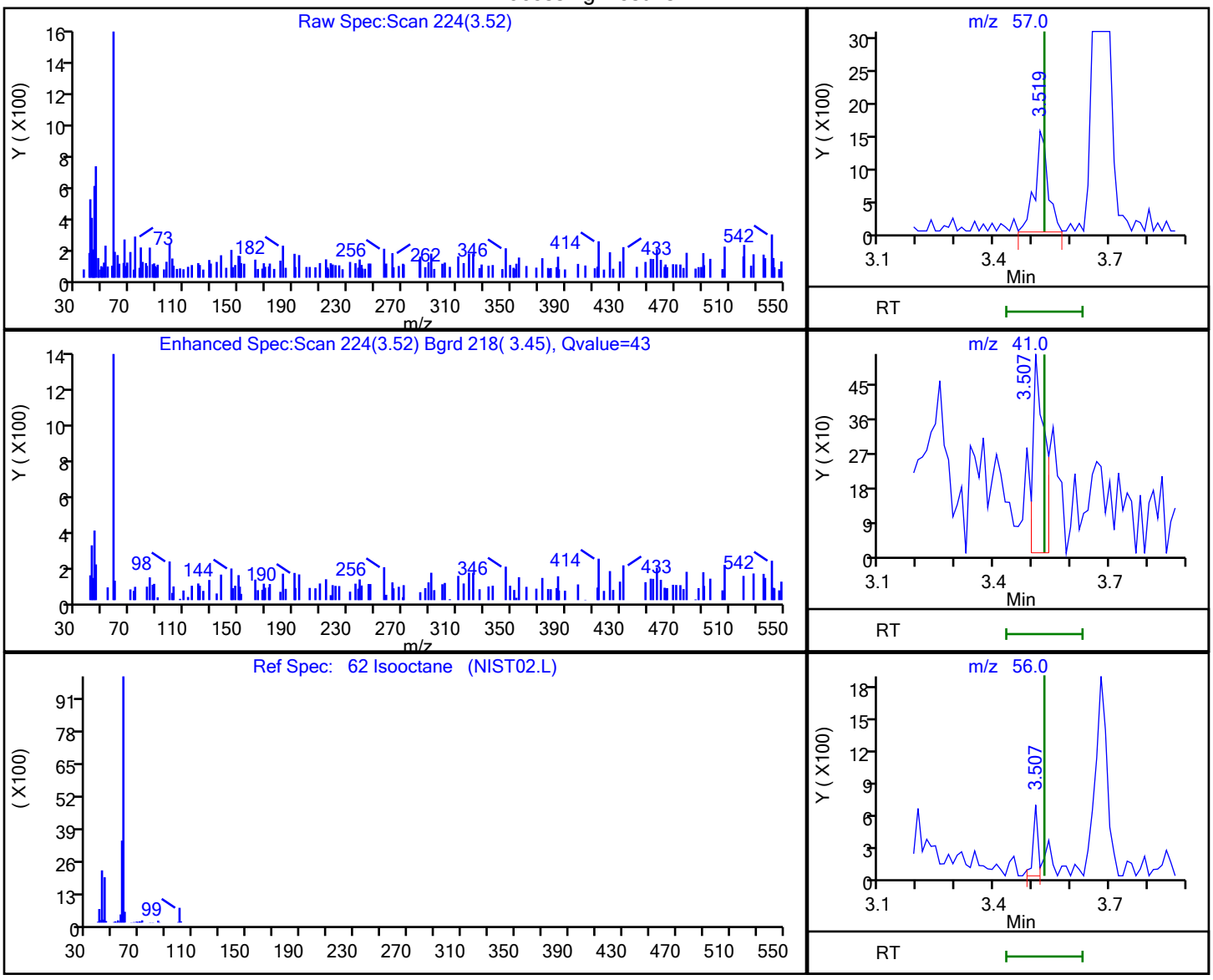
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.52	57.00	3511	0.286772
3.51	41.00	1111	
3.51	56.00	586	

Reviewer: NN6A, 23-Feb-2025 12:01:53 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

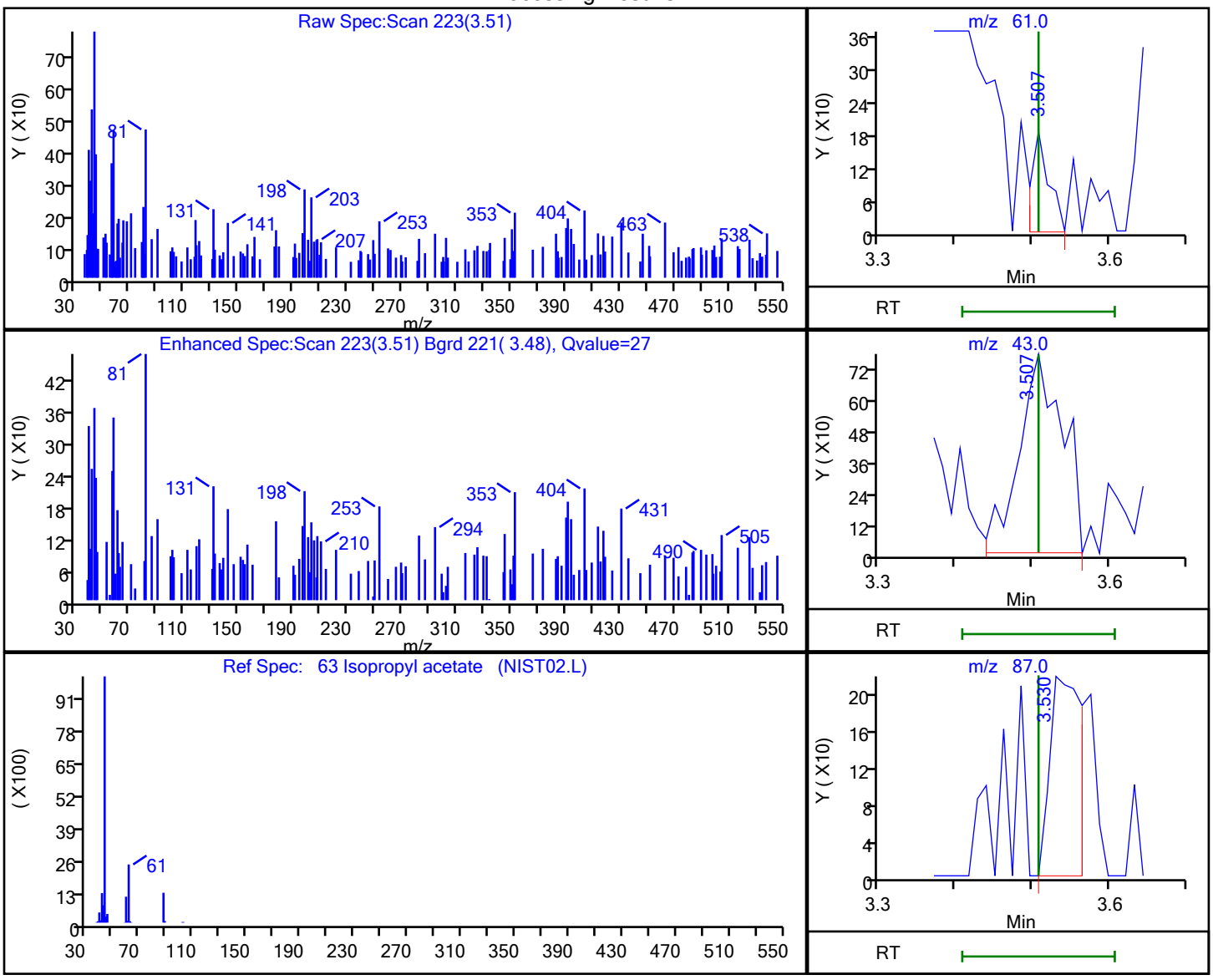
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

63 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
3.51	61.00	293	0.230182
3.51	43.00	3088	
3.53	87.00	606	

Reviewer: NN6A, 23-Feb-2025 12:01:48 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

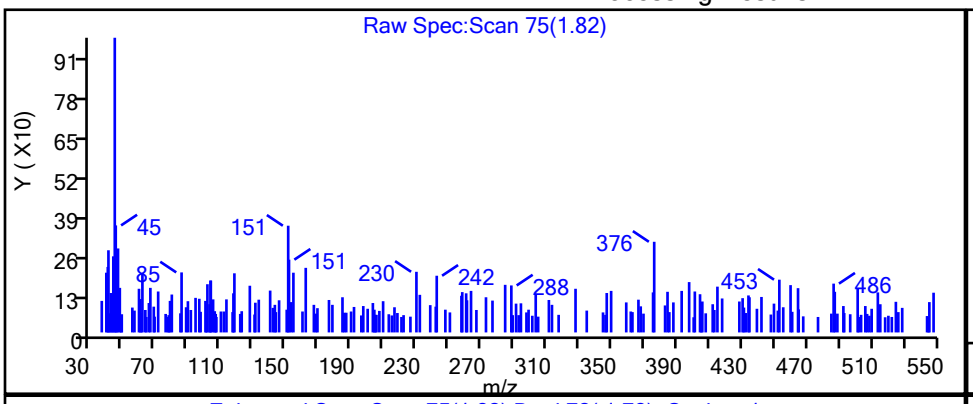
User Disabled Compound Report

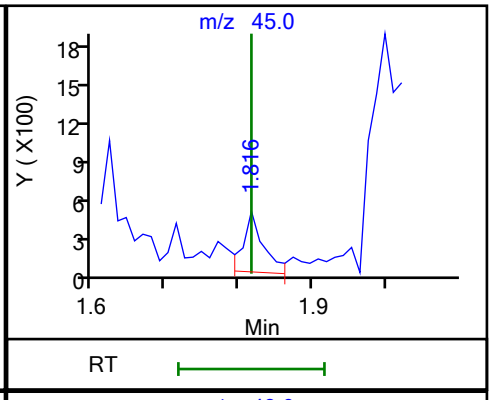
Eurofins Edison

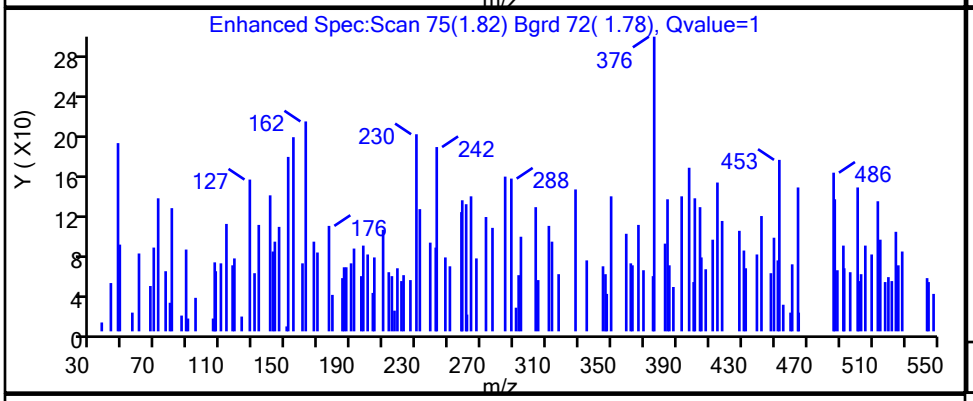
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D		
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

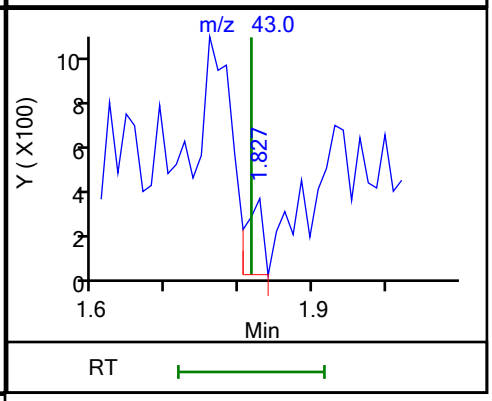
24 Isopropyl alcohol, CAS: 67-63-0

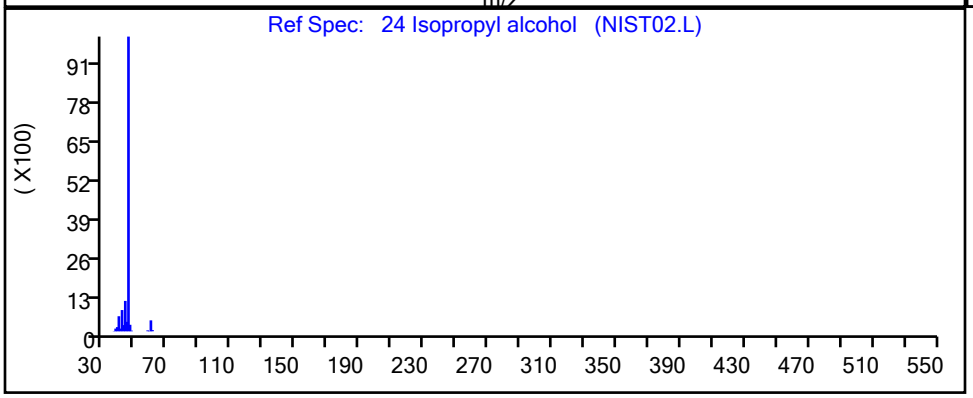
Processing Results











RT	Mass	Response	Amount
1.82	45.00	909	2.100755
1.83	43.00	532	

Reviewer: NN6A, 23-Feb-2025 12:01:25 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

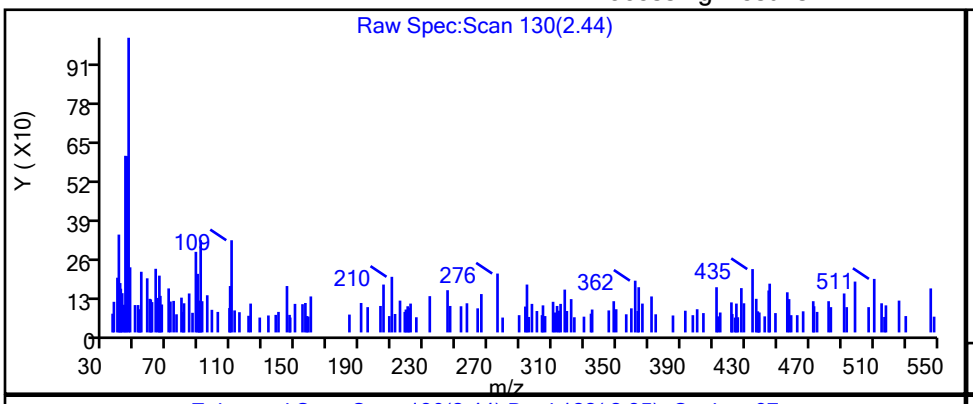
User Disabled Compound Report

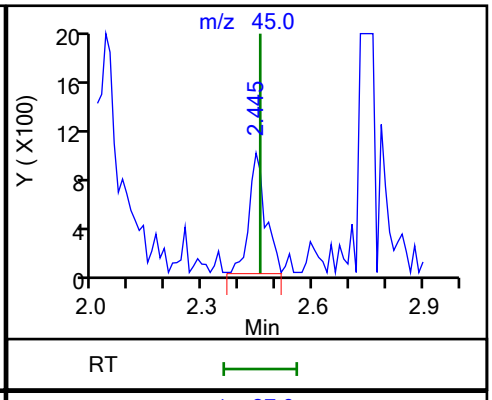
Eurofins Edison

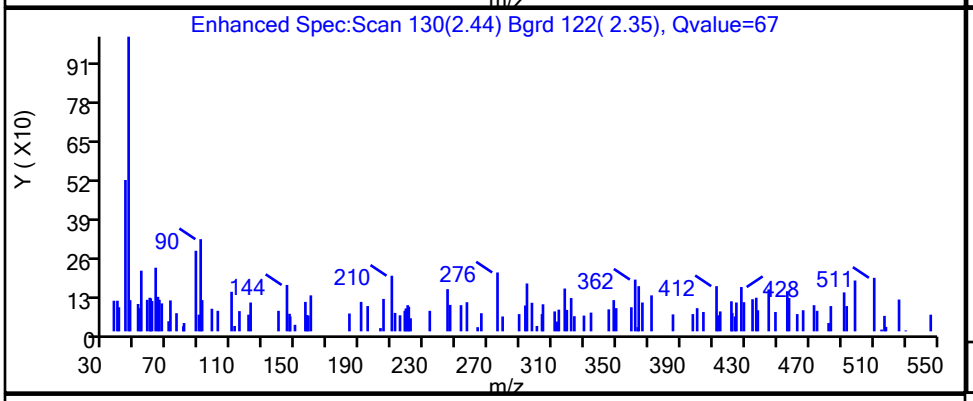
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

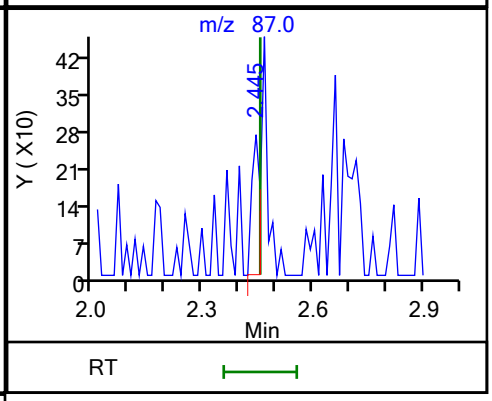
39 Isopropyl ether, CAS: 108-20-3

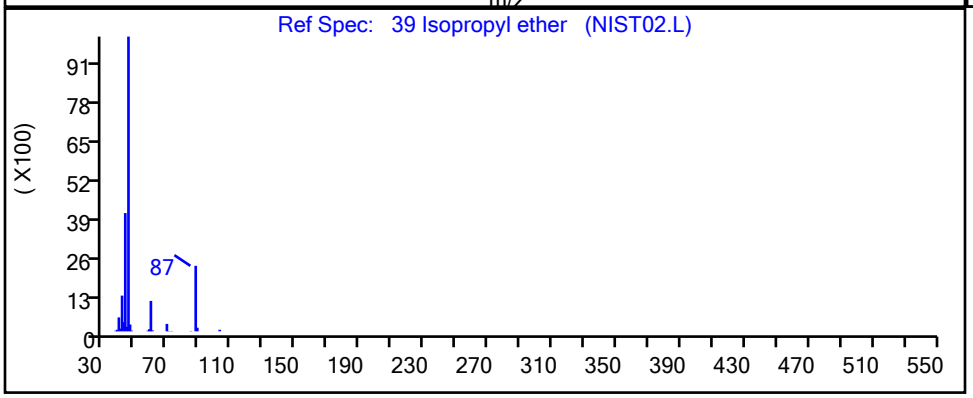
Processing Results











RT	Mass	Response	Amount
2.44	45.00	3050	0.241394
2.44	87.00	424	

Reviewer: NN6A, 23-Feb-2025 12:01:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

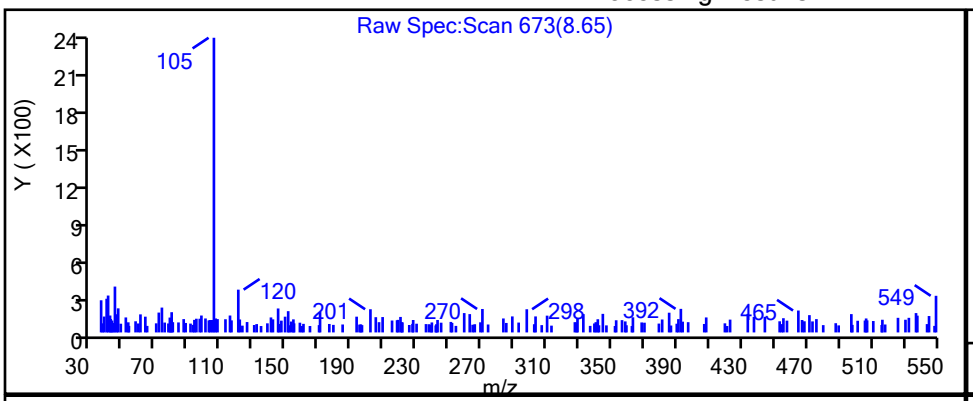
User Disabled Compound Report

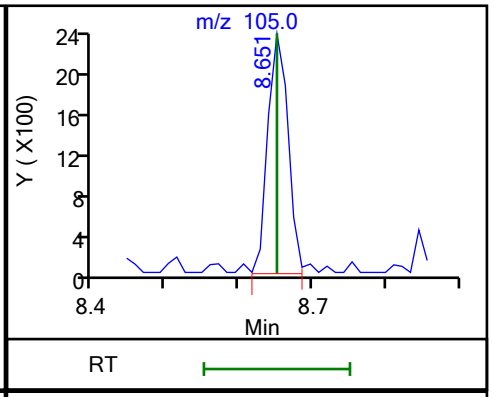
Eurofins Edison

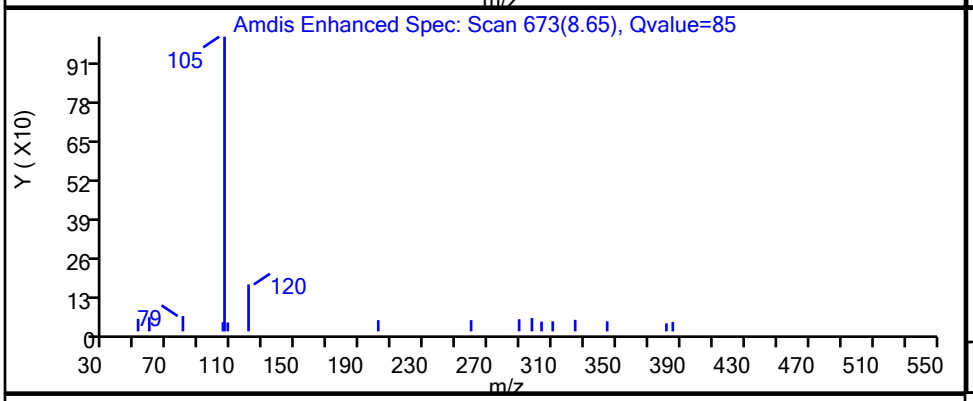
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

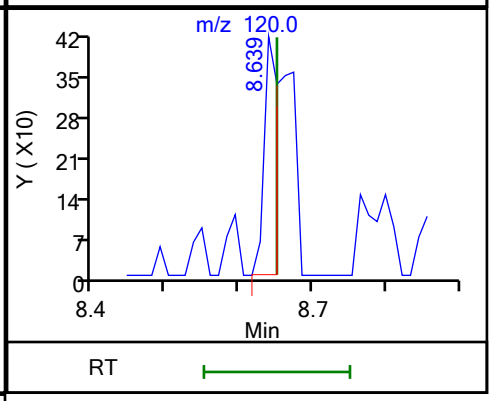
104 Isopropylbenzene, CAS: 98-82-8

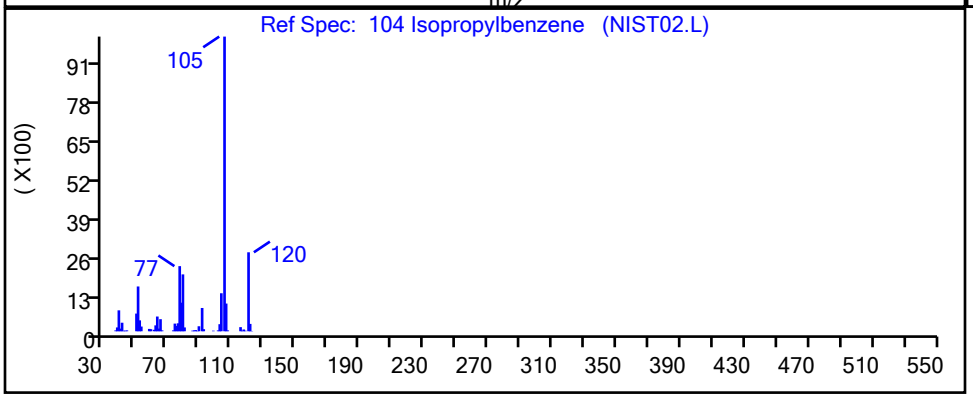
Processing Results











RT	Mass	Response	Amount
8.65	105.00	4414	0.258219
8.64	120.00	555	

Reviewer: NN6A, 23-Feb-2025 12:03:03 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

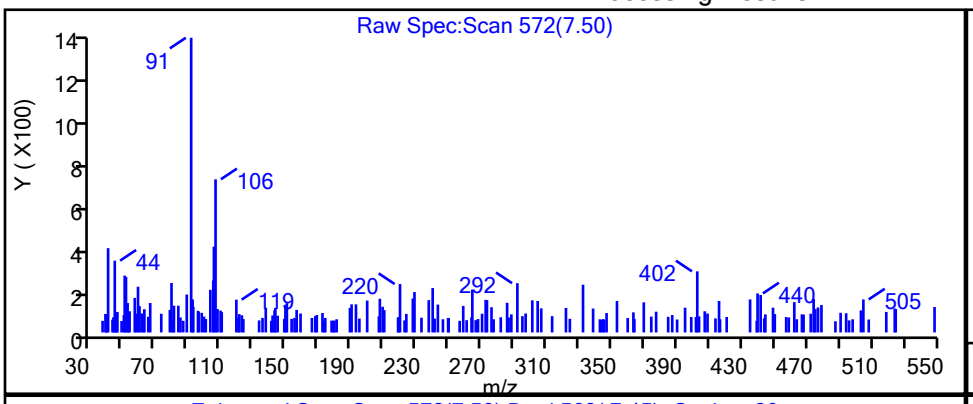
User Disabled Compound Report

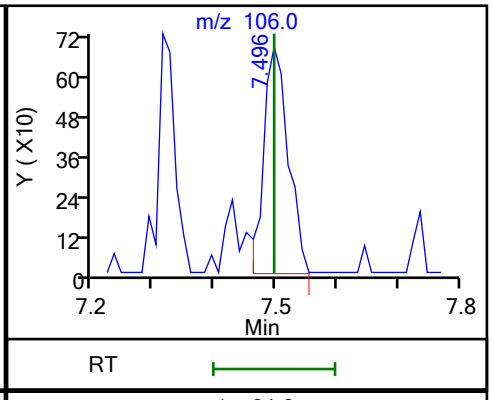
Eurofins Edison

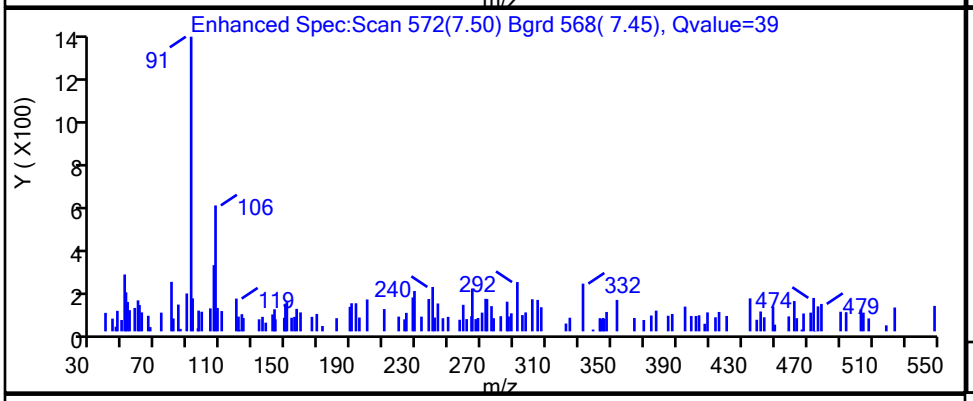
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

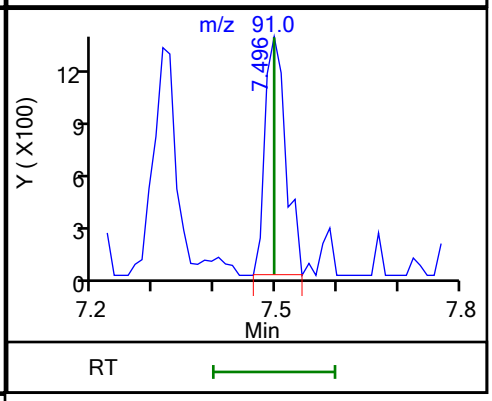
98 m-Xylene & p-Xylene, CAS: 179601-23-1

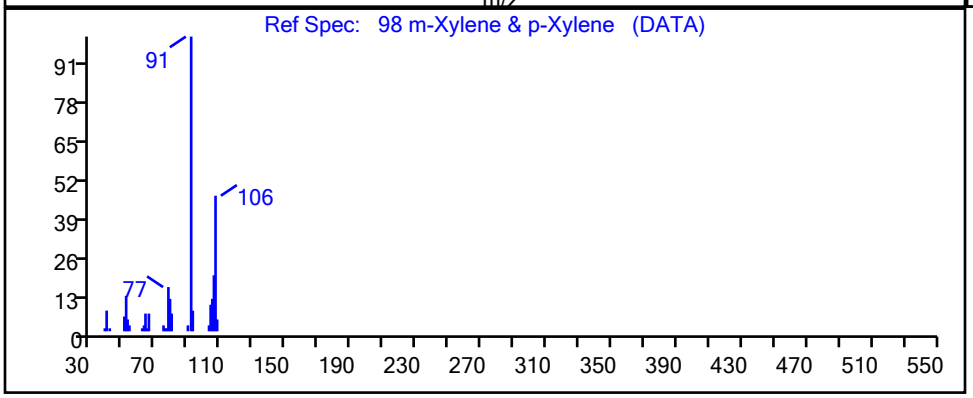
Processing Results











RT	Mass	Response	Amount
7.50	106.00	1917	0.279113
7.50	91.00	3131	

Reviewer: NN6A, 23-Feb-2025 12:03:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

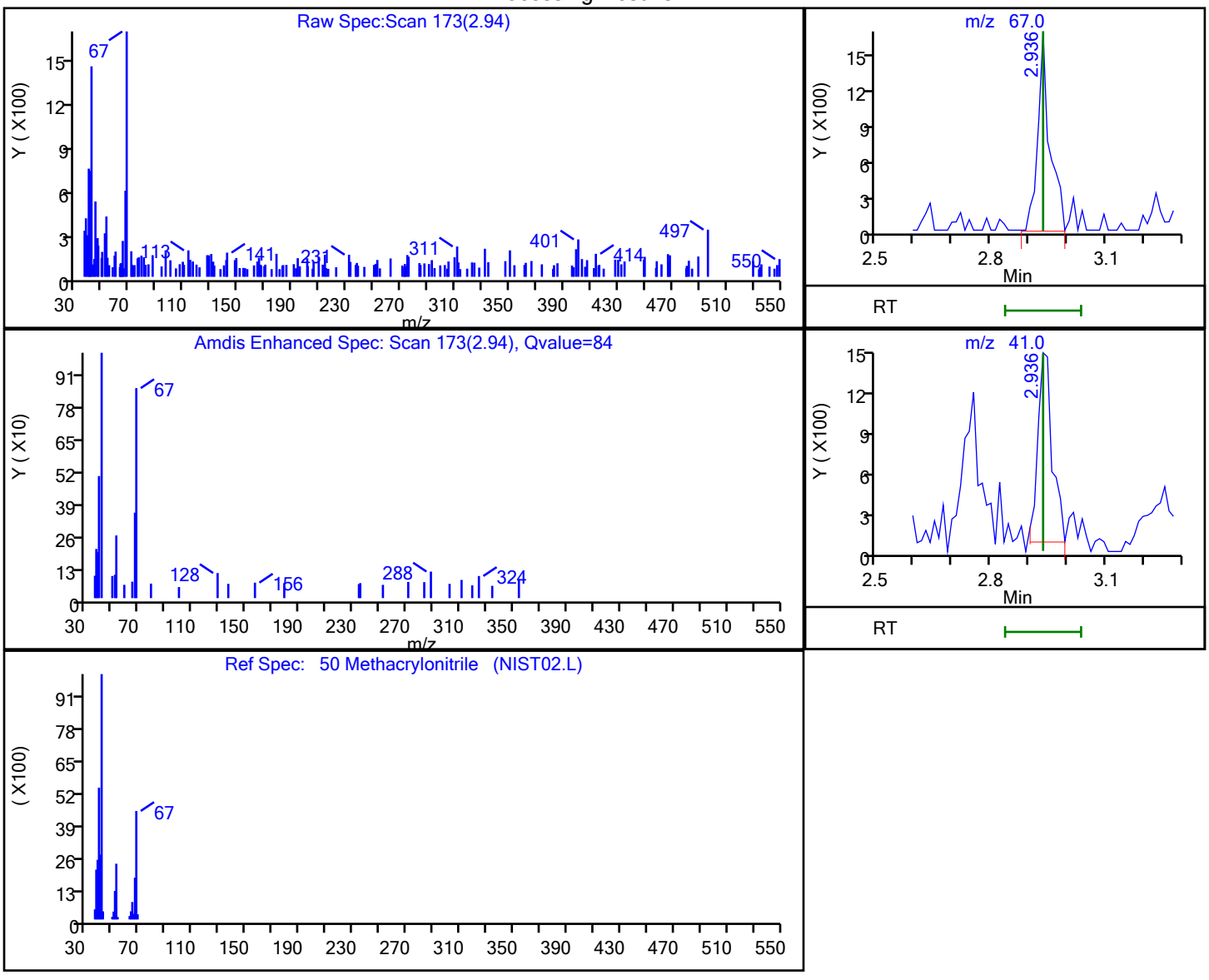
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

50 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
2.94	67.00	3551	2.505868
2.94	41.00	3516	

Reviewer: NN6A, 23-Feb-2025 12:01:29 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

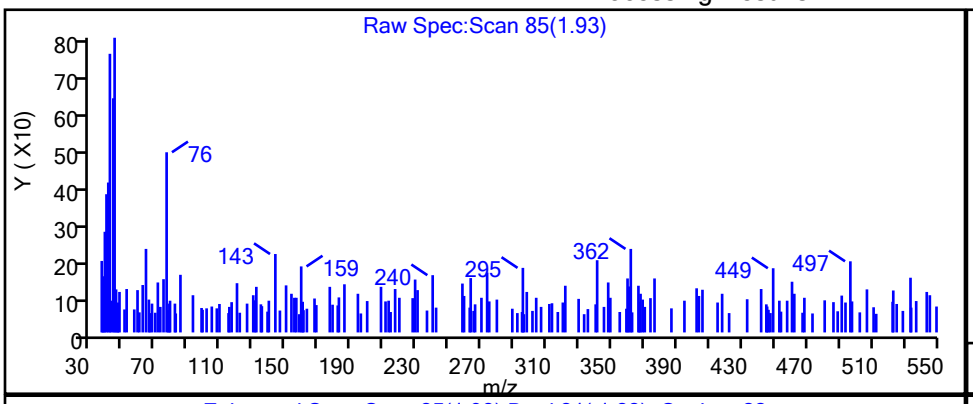
User Disabled Compound Report

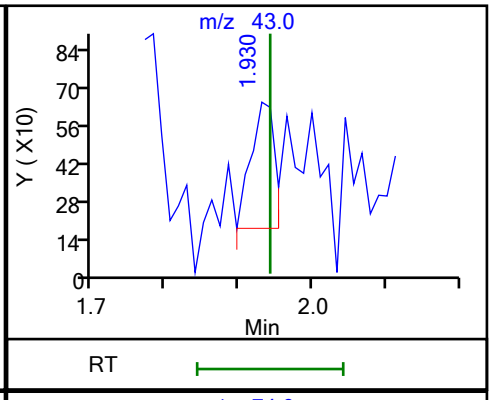
Eurofins Edison

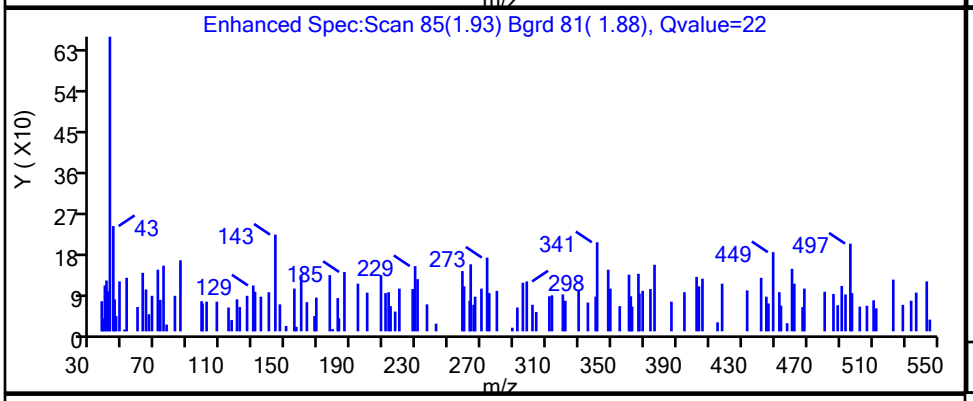
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

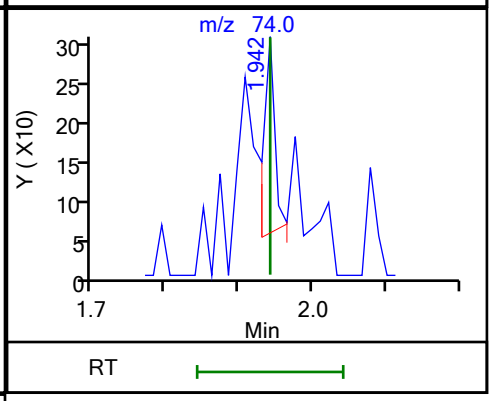
28 Methyl acetate, CAS: 79-20-9

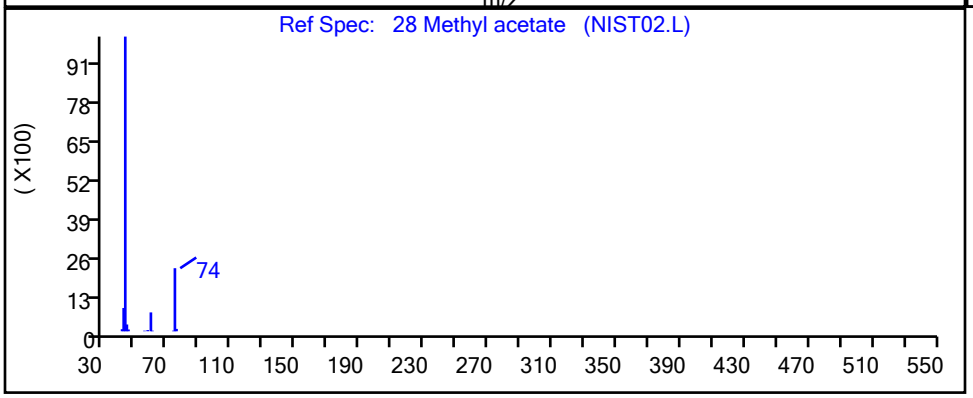
Processing Results











RT	Mass	Response	Amount
1.93	43.00	1092	0.684993
1.94	74.00	261	

Reviewer: NN6A, 23-Feb-2025 12:01:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

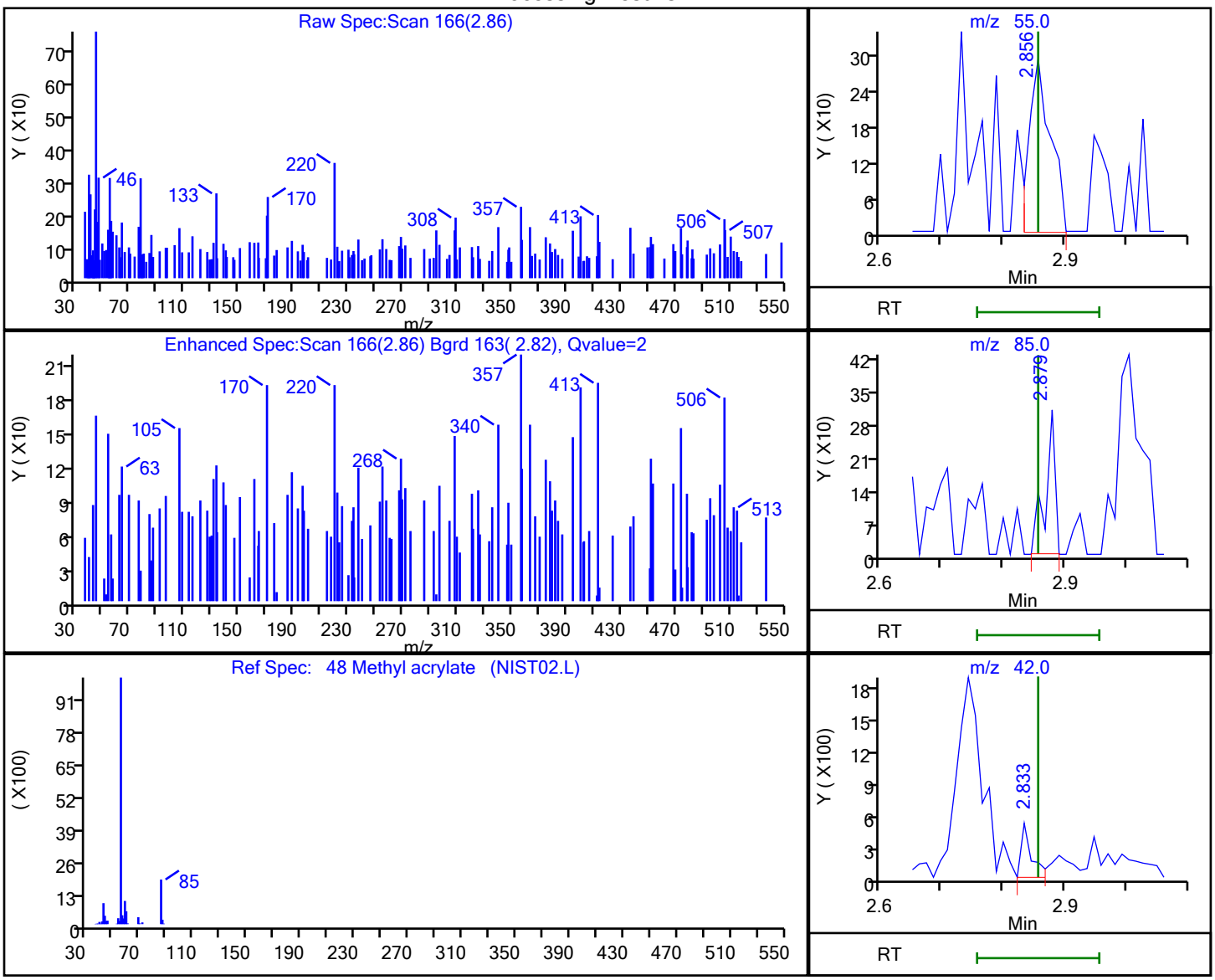
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
2.86	55.00	694	0.205079
2.88	85.00	336	
2.83	42.00	601	

Reviewer: NN6A, 23-Feb-2025 12:01:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

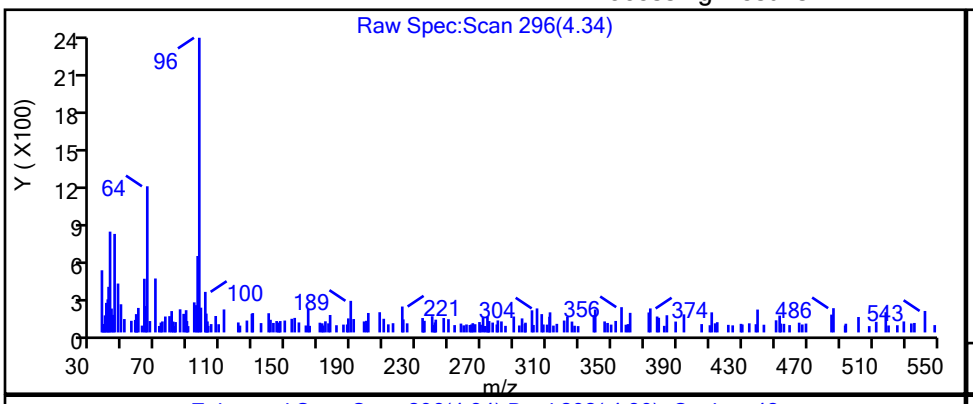
User Disabled Compound Report

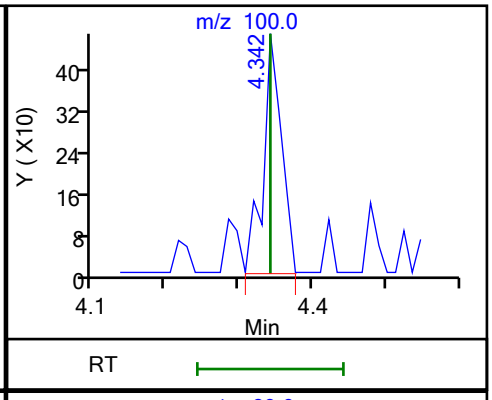
Eurofins Edison

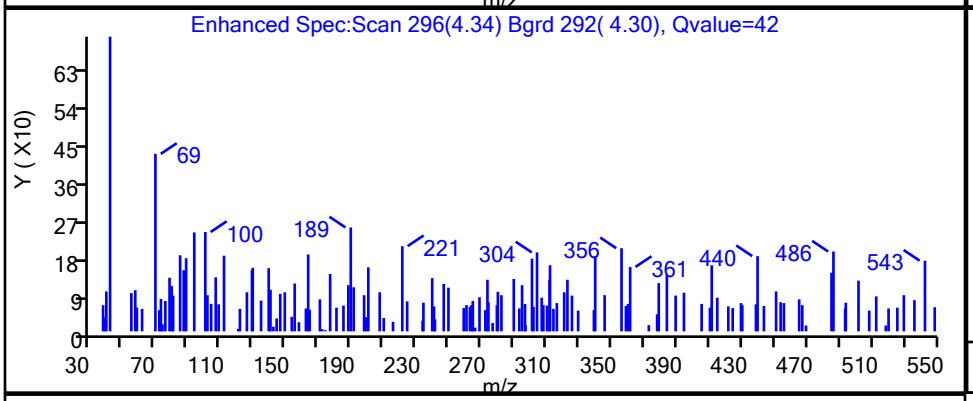
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

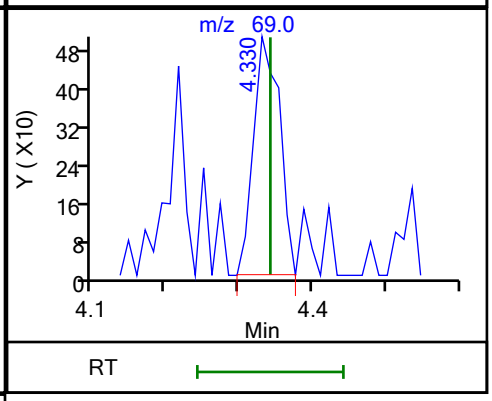
75 Methyl methacrylate, CAS: 80-62-6

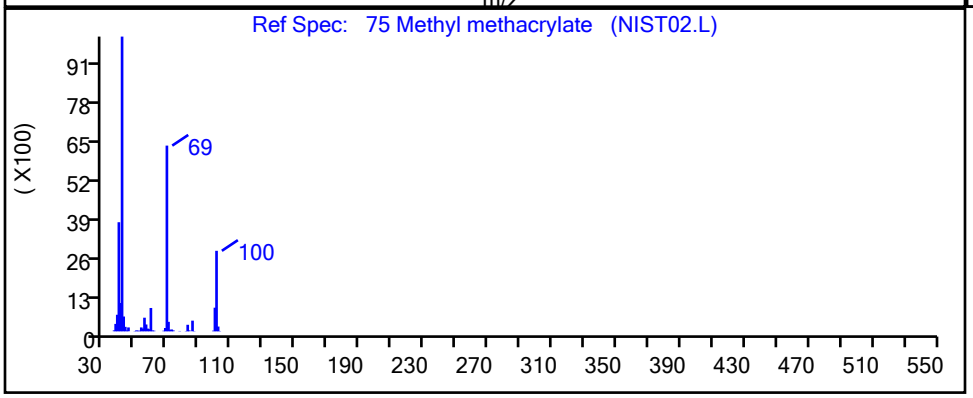
Processing Results











RT	Mass	Response	Amount
4.34	100.00	810	0.991900
4.33	69.00	1254	

Reviewer: NN6A, 23-Feb-2025 12:02:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

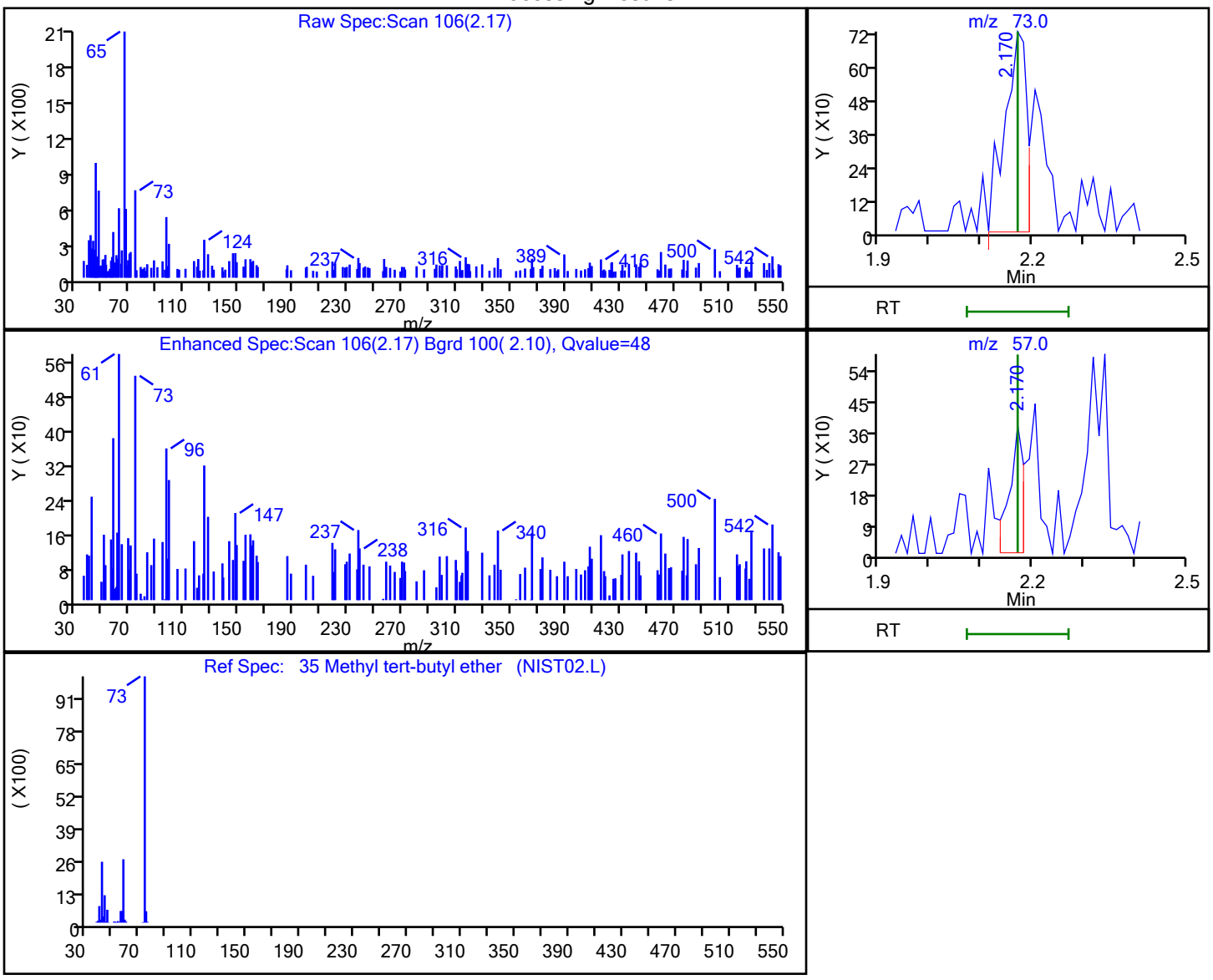
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

35 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.17	73.00	2192	0.182068
2.17	57.00	741	

Reviewer: NN6A, 23-Feb-2025 12:01:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

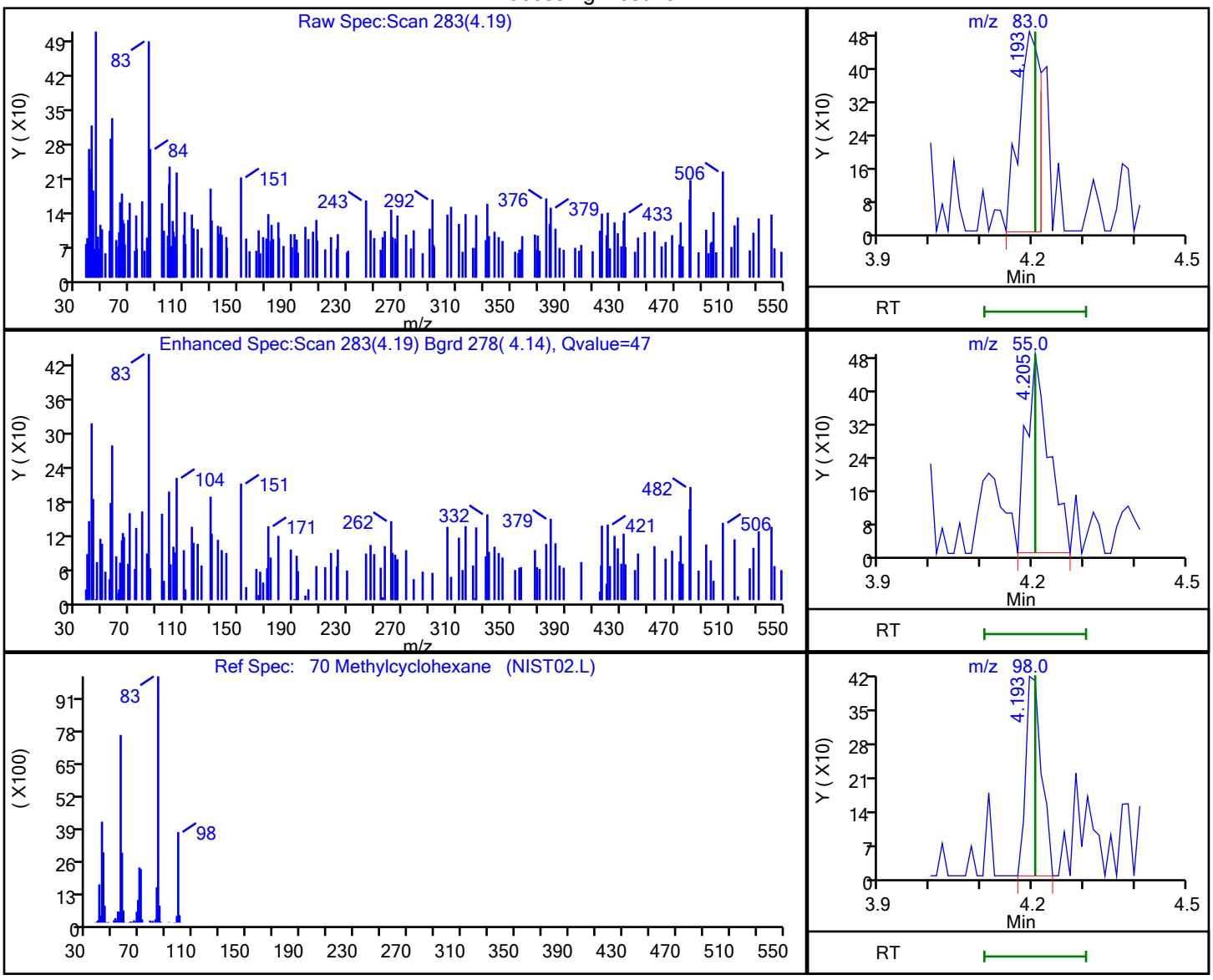
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

70 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
4.19	83.00	1418	0.215171
4.20	55.00	1488	
4.19	98.00	896	

Reviewer: NN6A, 23-Feb-2025 12:01:59 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

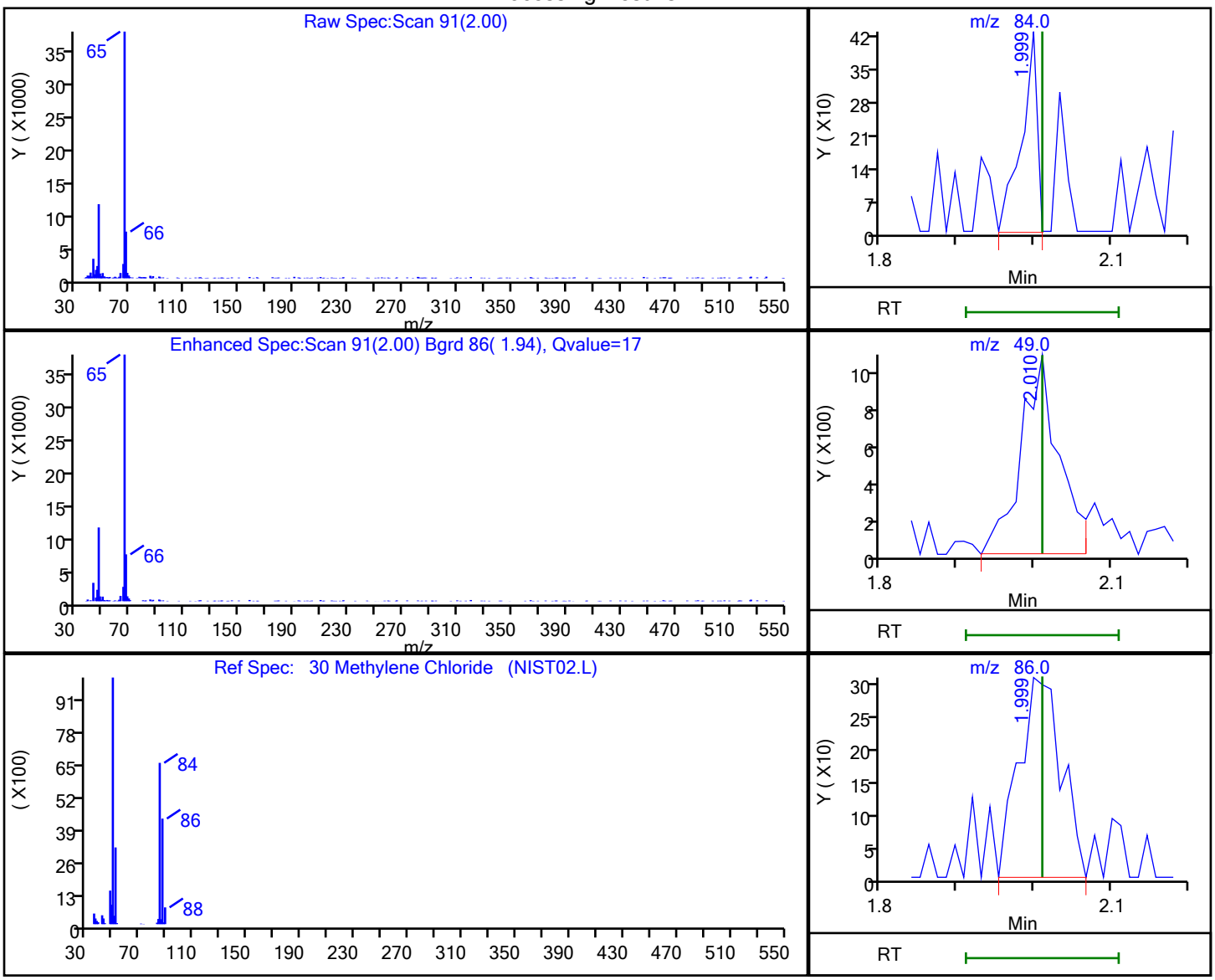
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.00	84.00	599	0.128619
2.01	49.00	3739	
2.00	86.00	1195	

Reviewer: NN6A, 23-Feb-2025 12:01:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

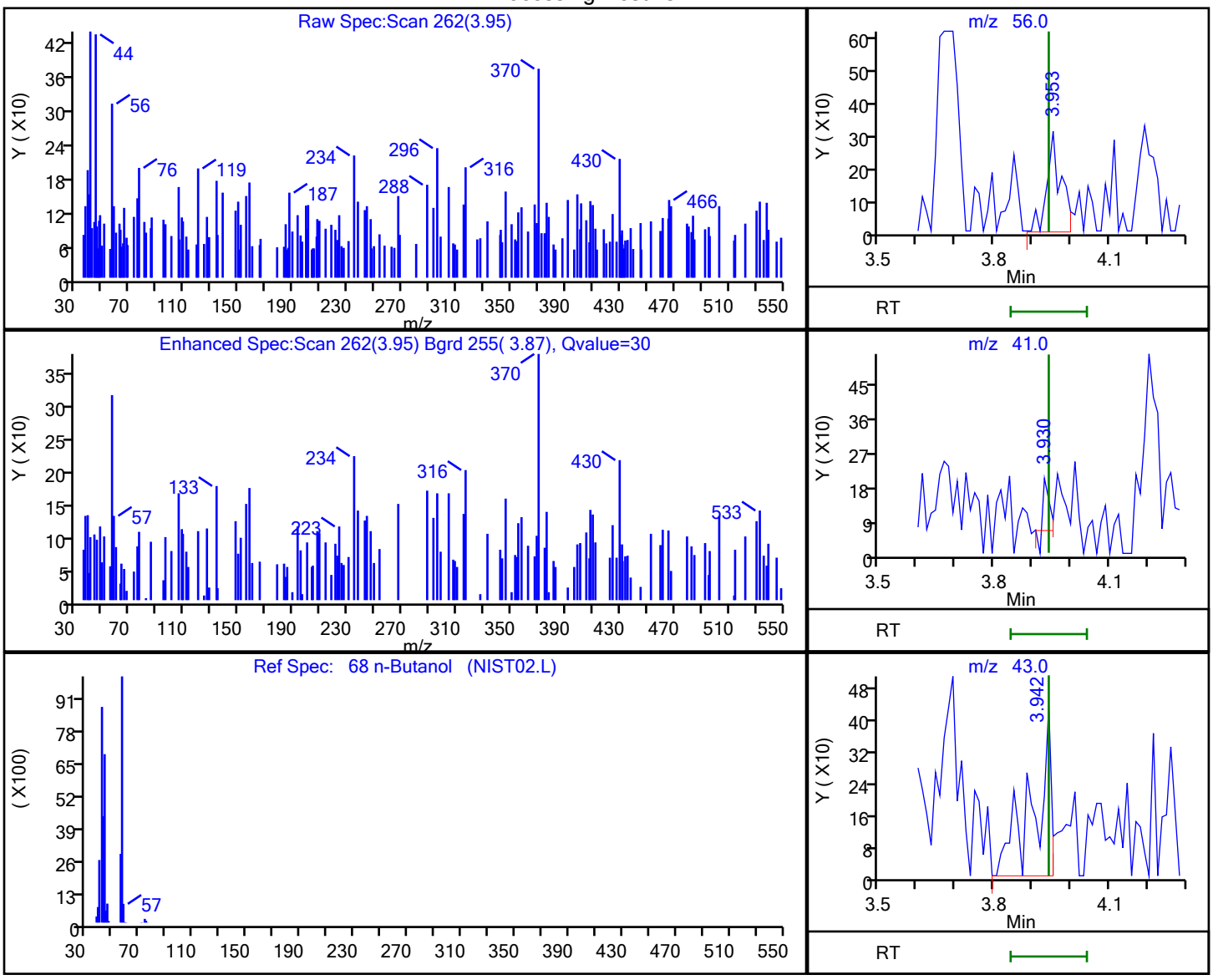
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
3.95	56.00	776	19.657461
3.93	41.00	123	
3.94	43.00	1332	

Reviewer: NN6A, 23-Feb-2025 12:01:53 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

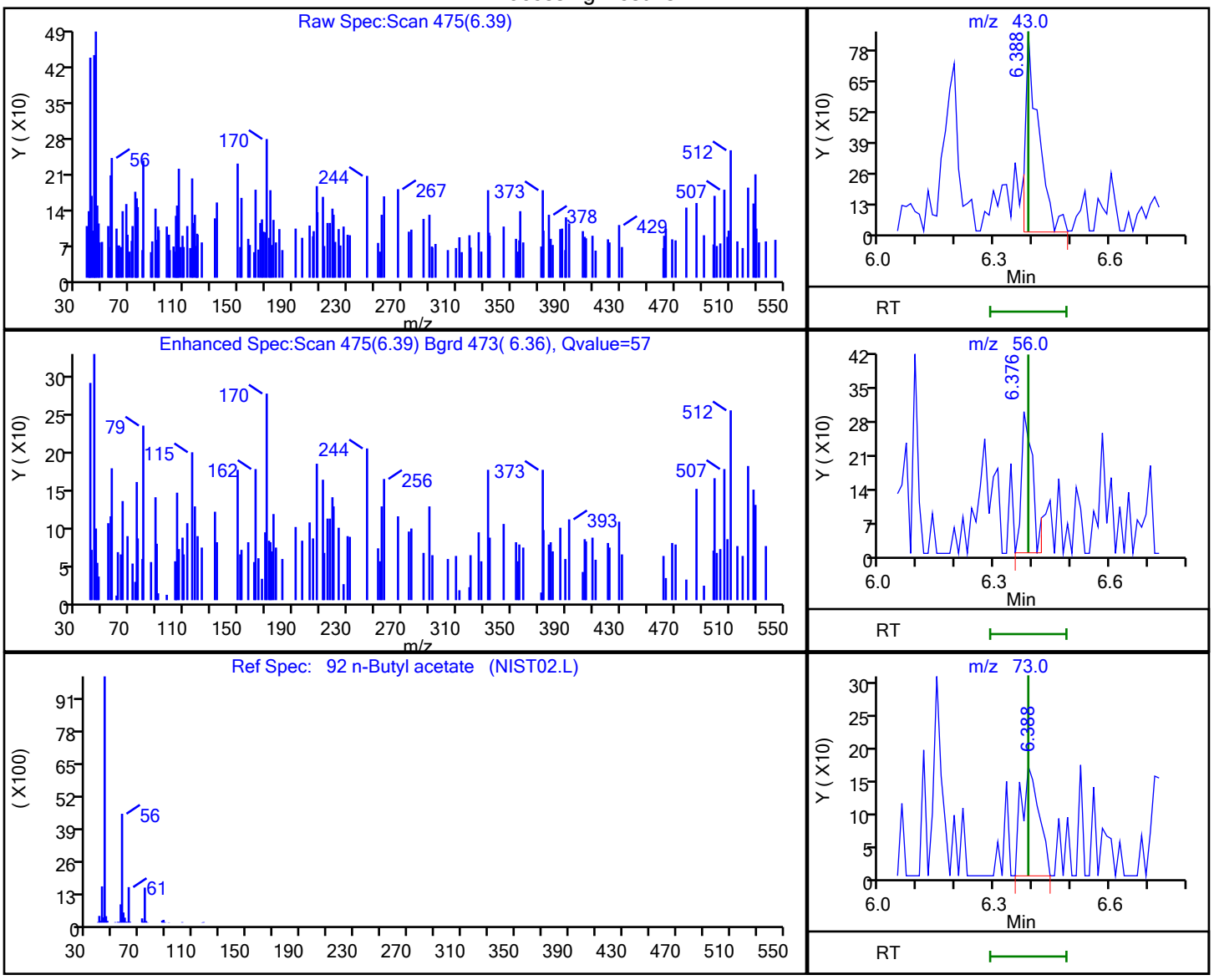
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

92 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
6.39	43.00	2026	0.497246
6.38	56.00	591	
6.39	73.00	538	

Reviewer: NN6A, 23-Feb-2025 12:03:03 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

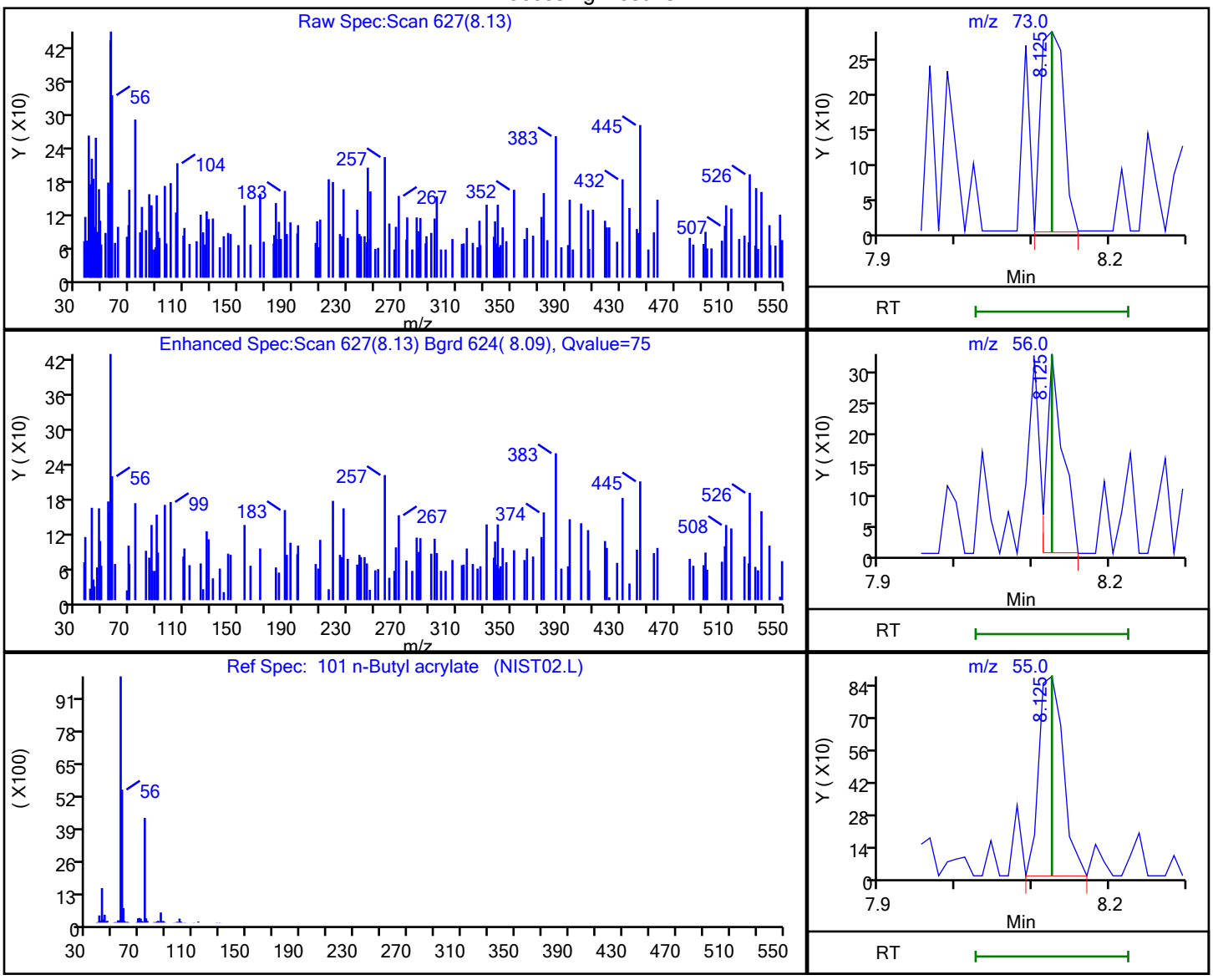
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

101 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.13	73.00	596	0.225098
8.13	56.00	479	
8.13	55.00	1930	

Reviewer: NN6A, 23-Feb-2025 12:03:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

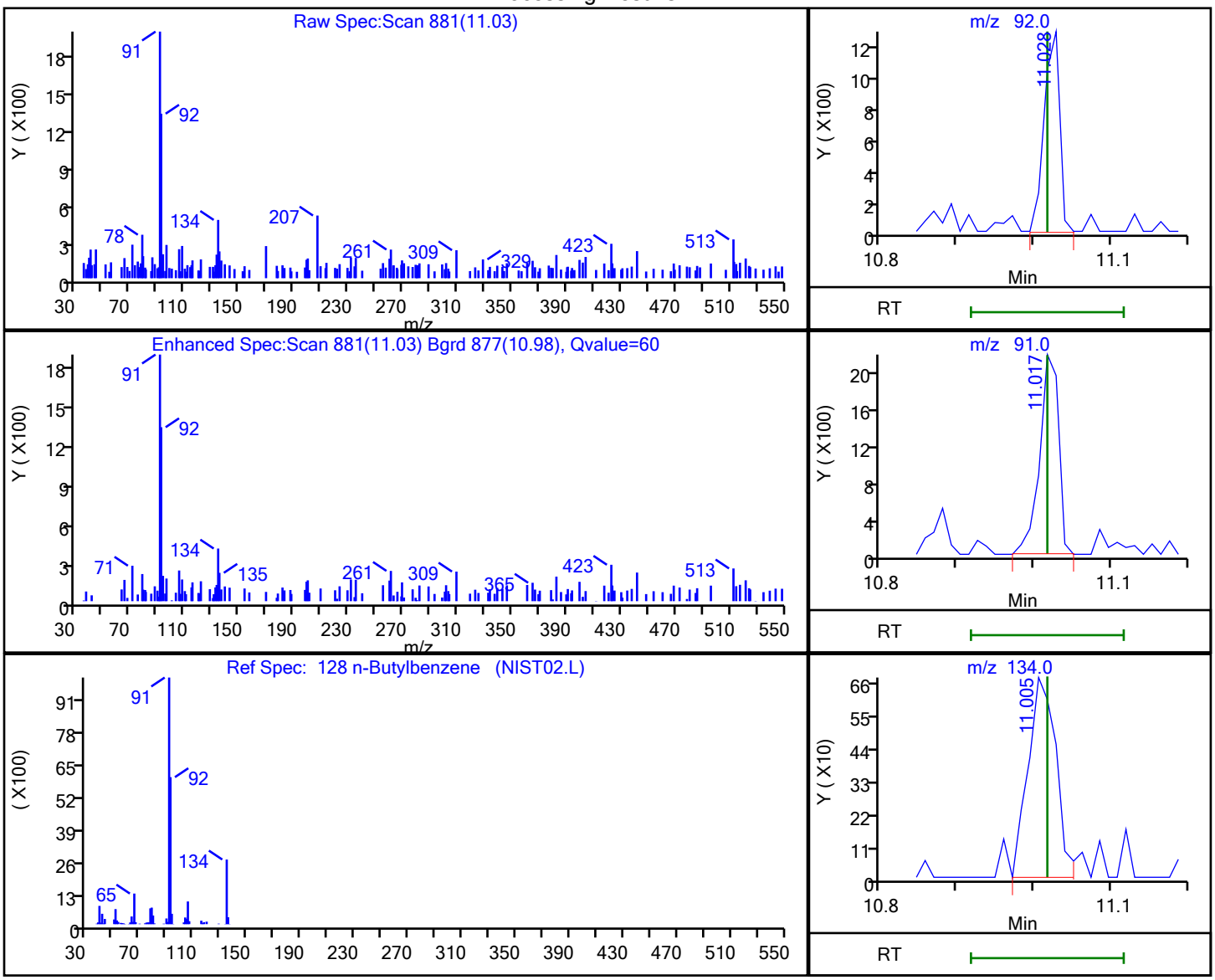
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.03	92.00	1800	0.207873
11.02	91.00	3695	
11.01	134.00	1725	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

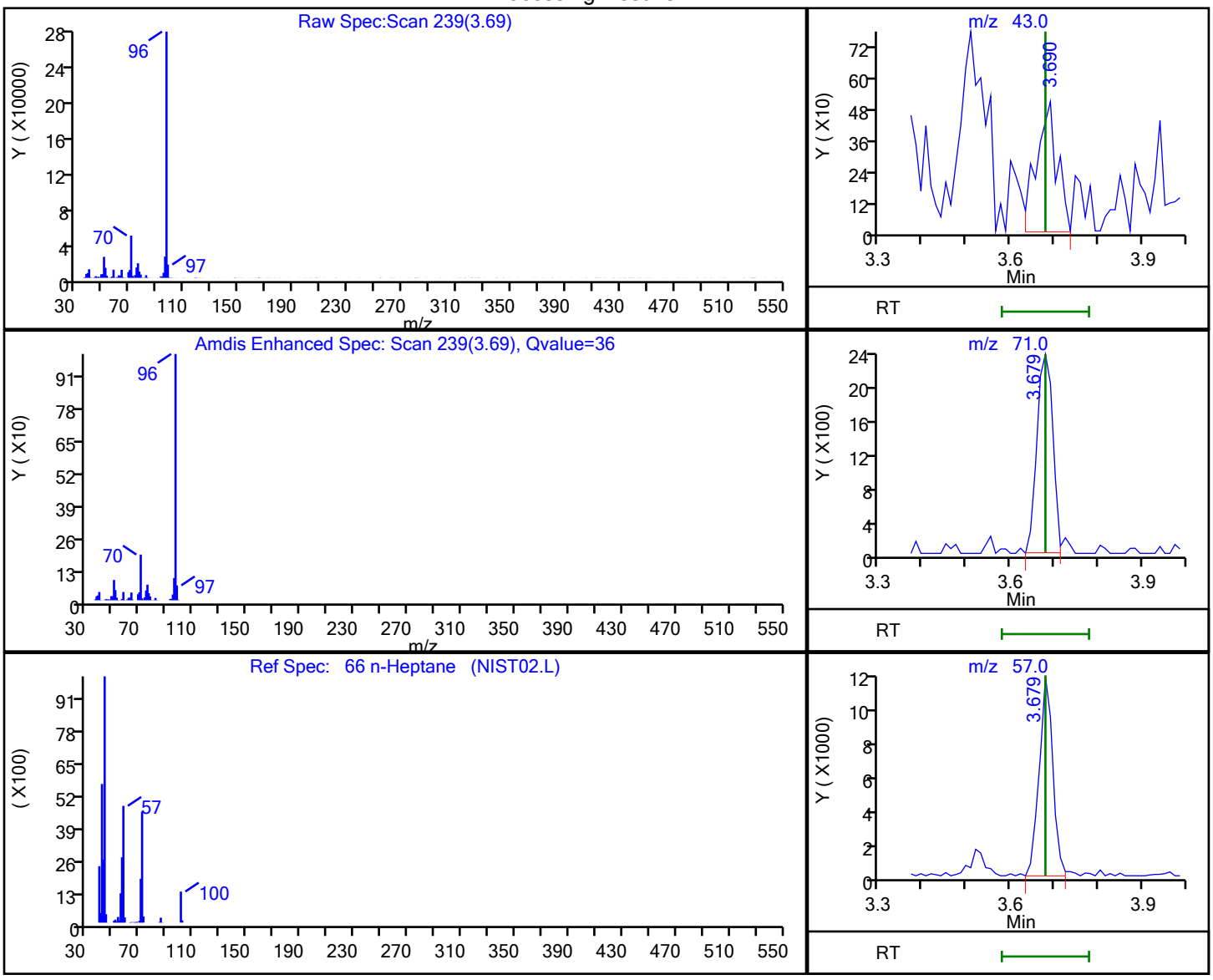
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.69	43.00	1645	0.386456
3.68	71.00	6095	
3.68	57.00	24781	

Reviewer: NN6A, 23-Feb-2025 12:01:53 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

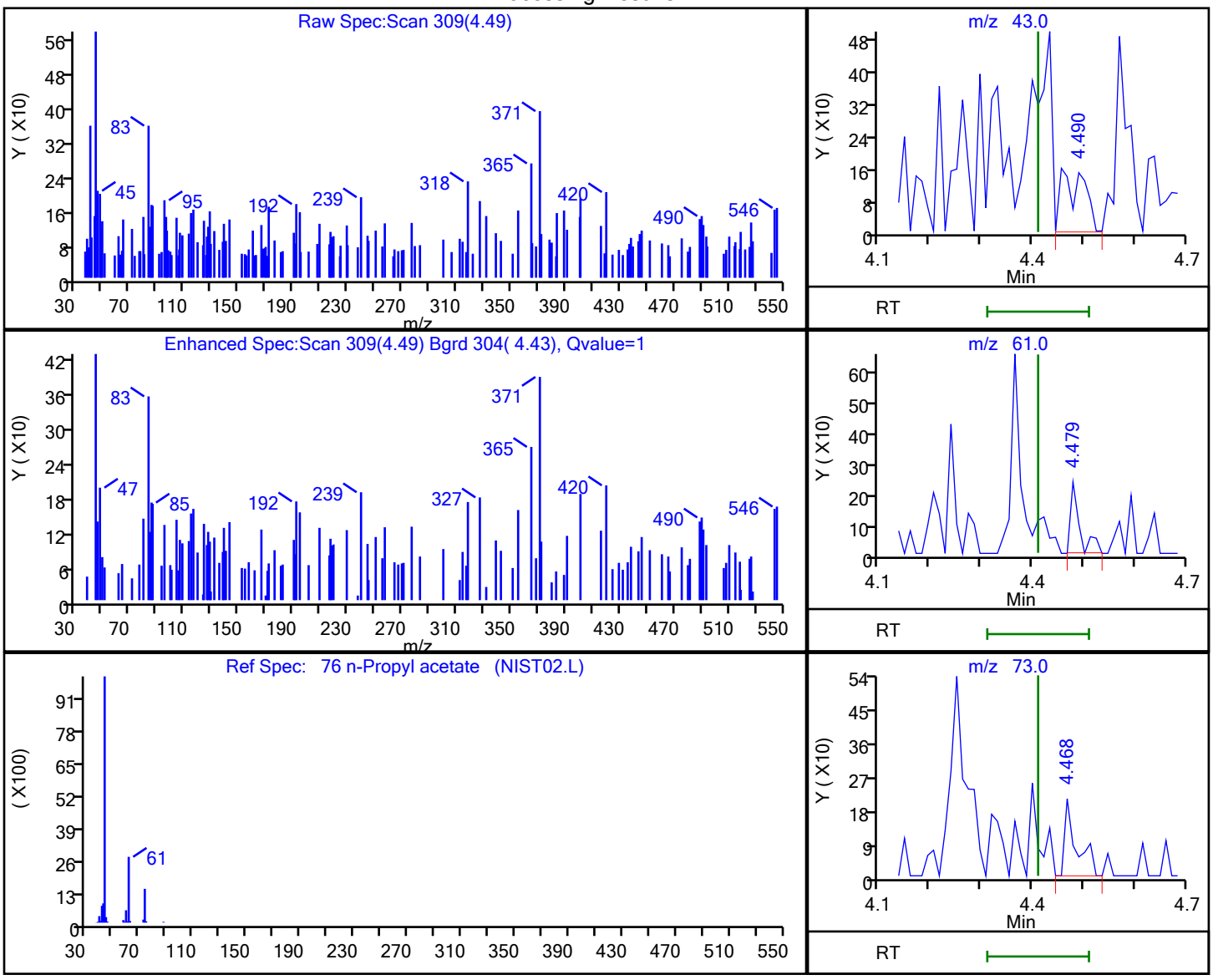
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

76 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
4.49	43.00	471	0.129472
4.48	61.00	300	
4.47	73.00	337	

Reviewer: NN6A, 23-Feb-2025 12:02:14 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

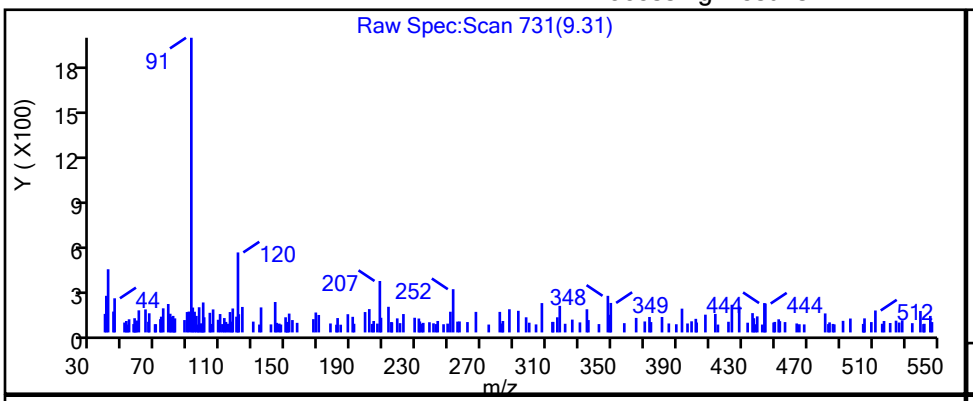
User Disabled Compound Report

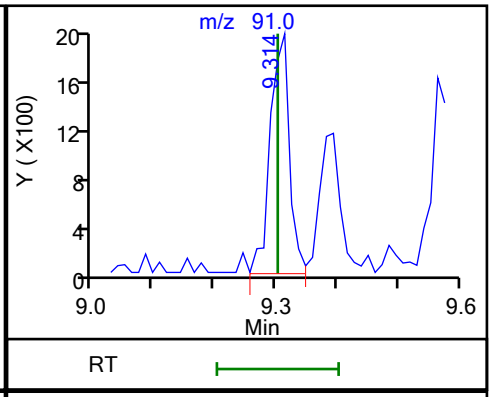
Eurofins Edison

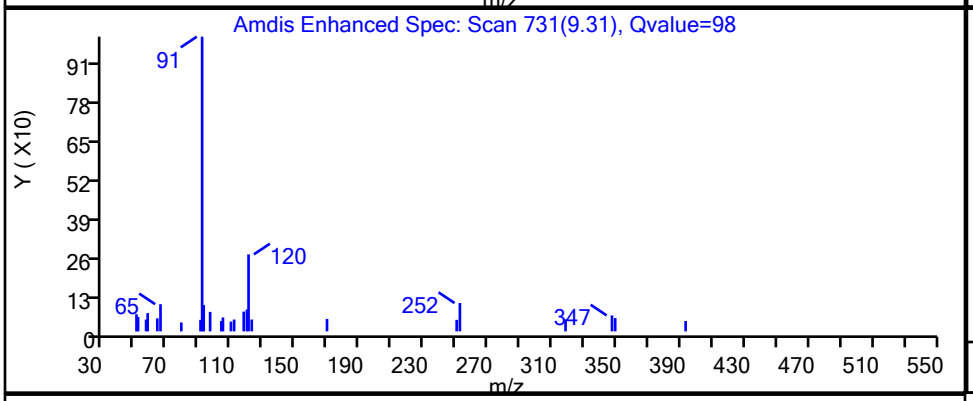
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

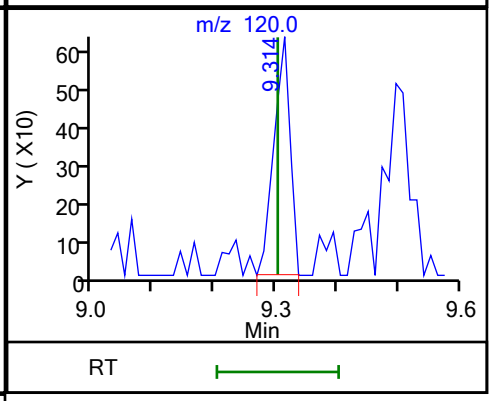
110 N-Propylbenzene, CAS: 103-65-1

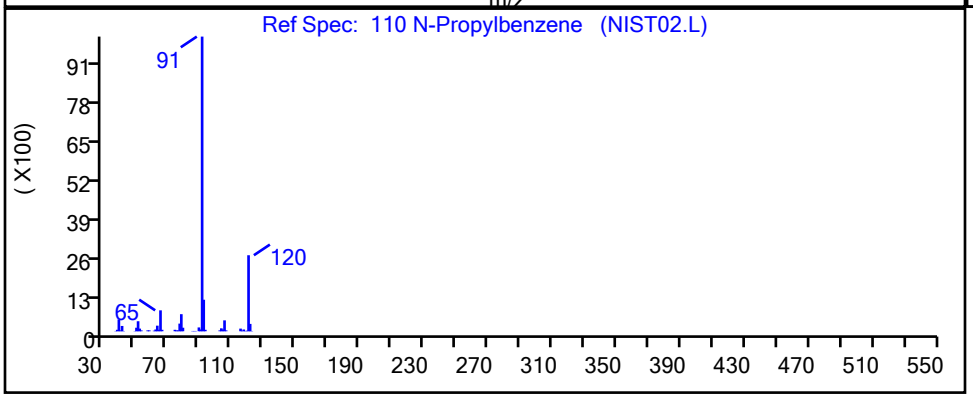
Processing Results











RT	Mass	Response	Amount
9.31	91.00	4150	0.212094
9.31	120.00	1179	

Reviewer: NN6A, 23-Feb-2025 12:03:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

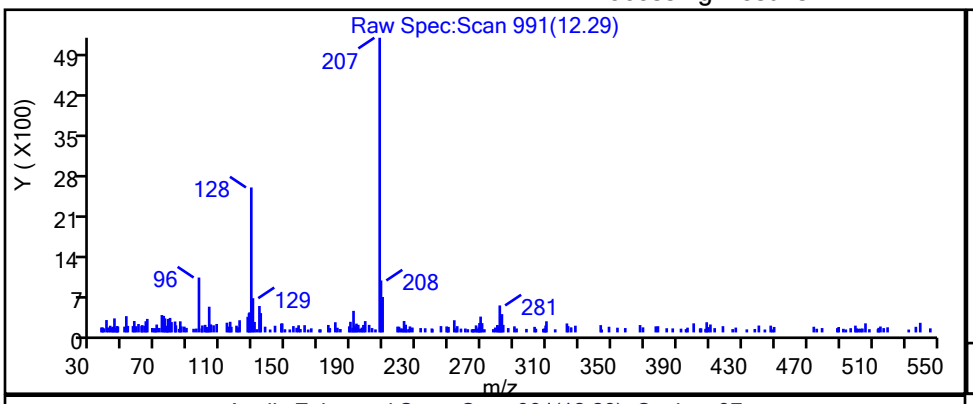
User Disabled Compound Report

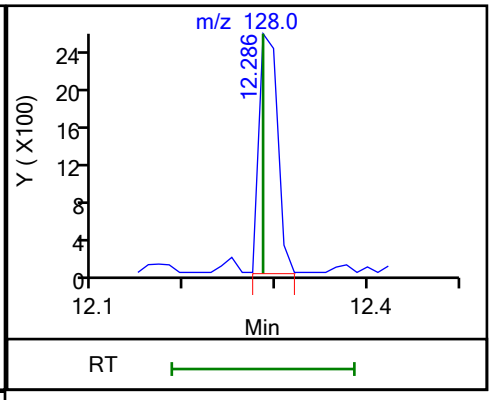
Eurofins Edison

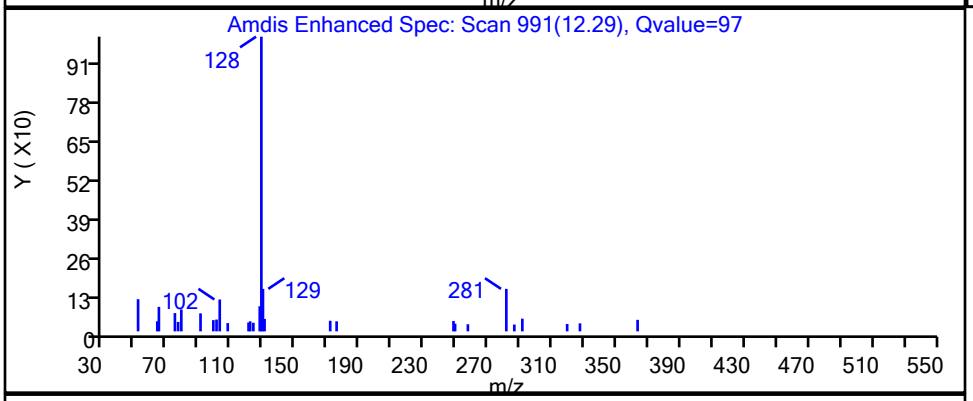
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

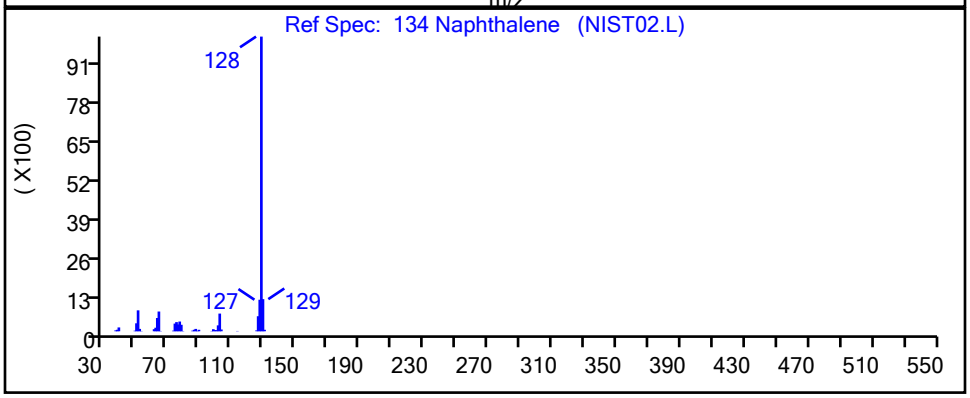
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
12.29	128.00	3547	0.229423

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

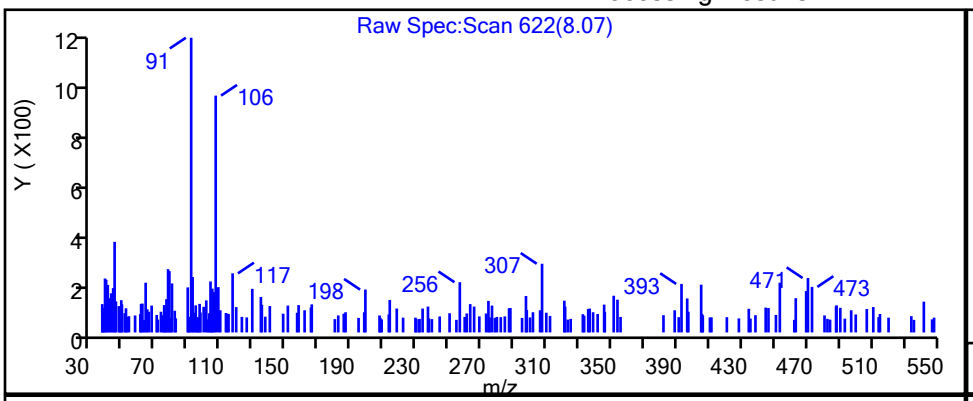
User Disabled Compound Report

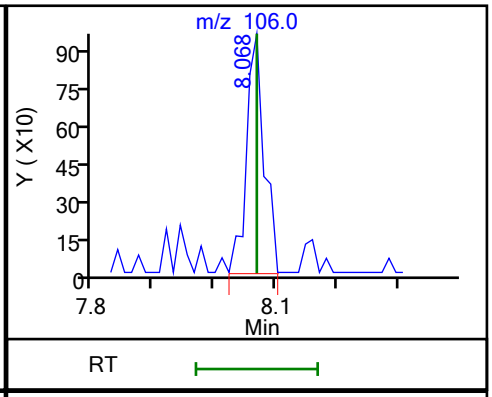
Eurofins Edison

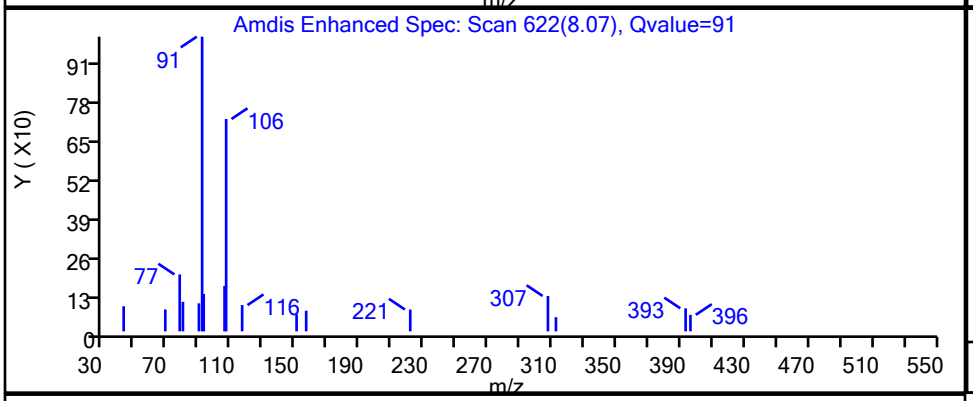
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

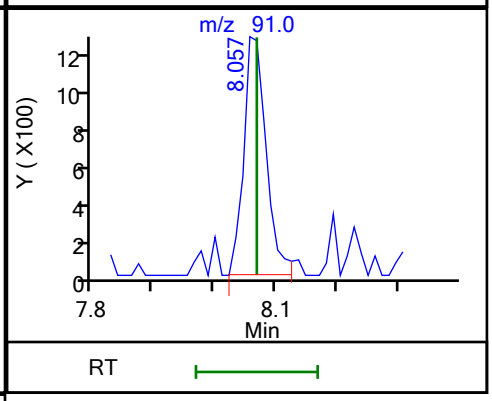
99 o-Xylene, CAS: 95-47-6

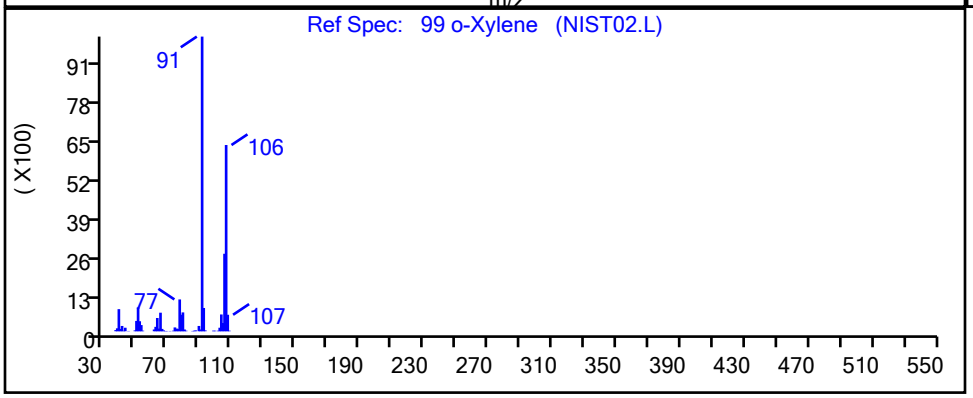
Processing Results











RT	Mass	Response	Amount
8.07	106.00	1916	0.266395
8.06	91.00	3125	

Reviewer: NN6A, 23-Feb-2025 12:03:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

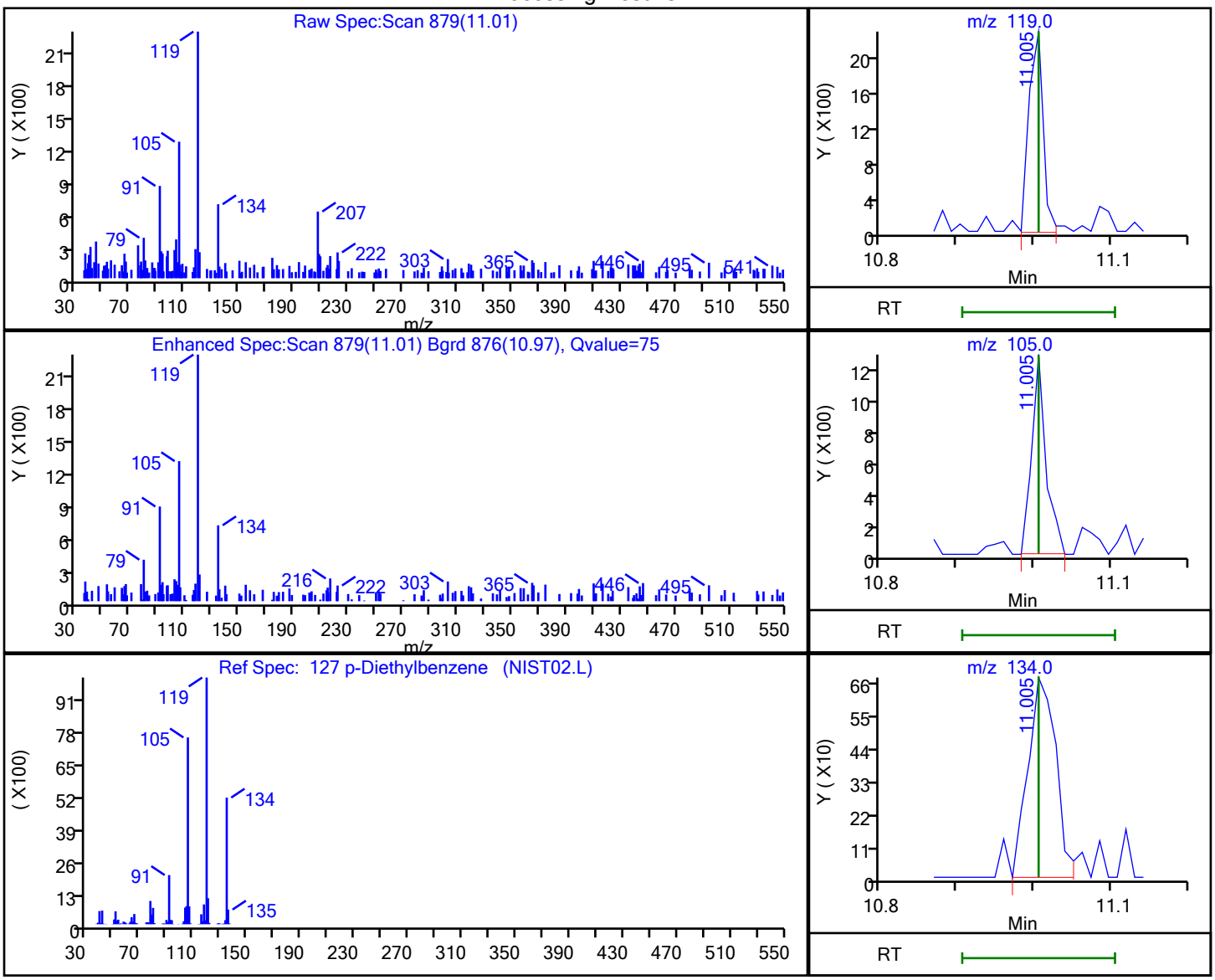
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
11.01	119.00	2913	0.263701
11.01	105.00	1639	
11.01	134.00	1725	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

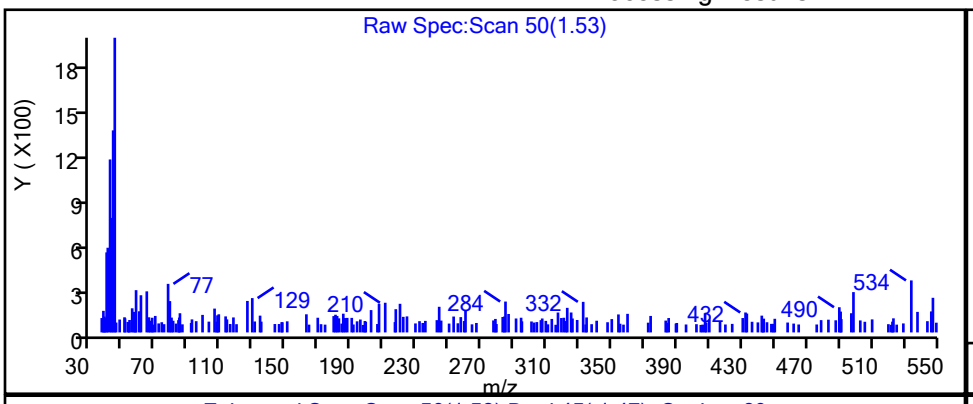
User Disabled Compound Report

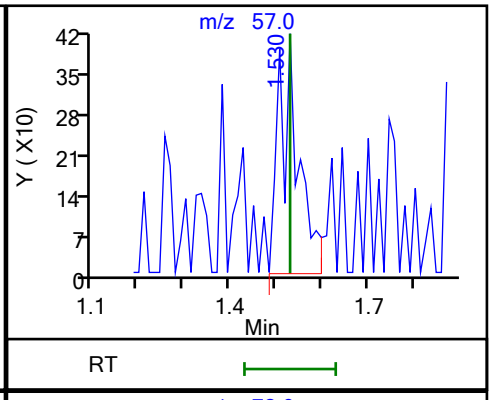
Eurofins Edison

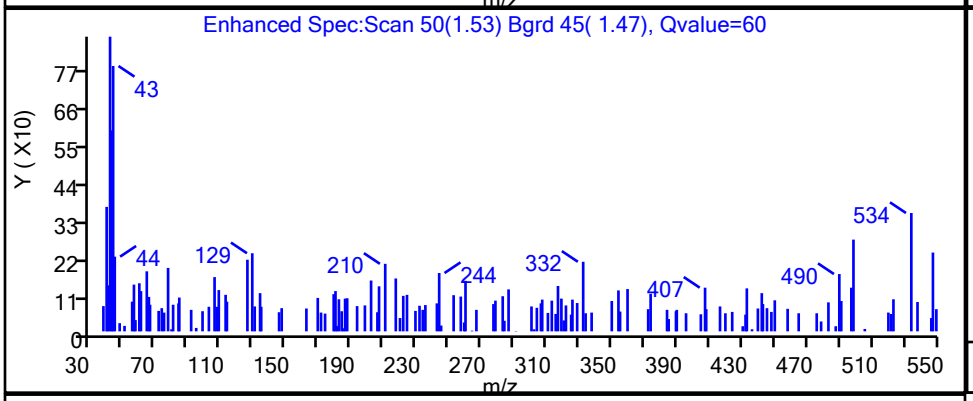
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

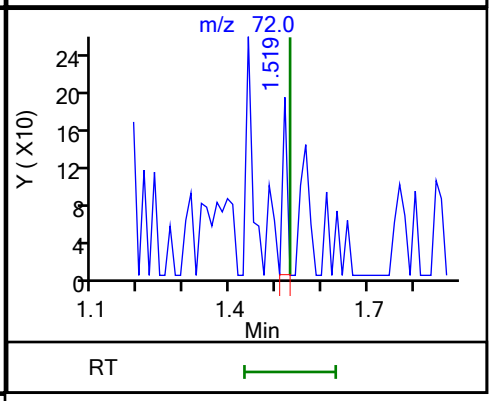
13 Pentane, CAS: 109-66-0

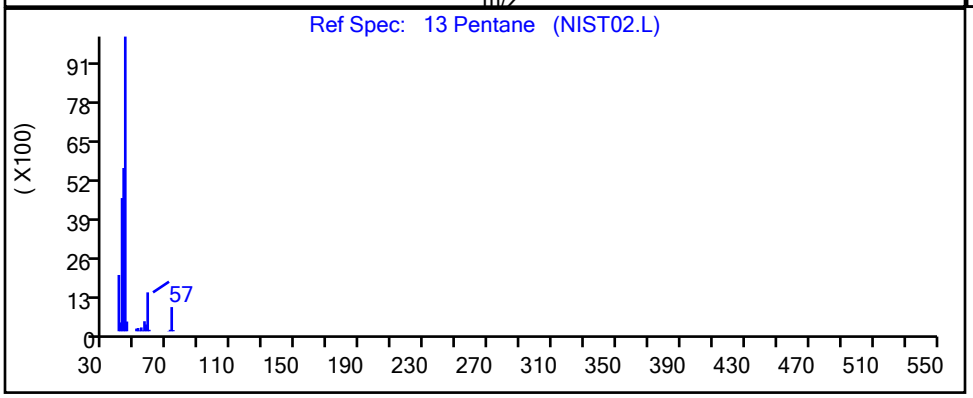
Processing Results











RT	Mass	Response	Amount
1.53	57.00	1210	1.017245
1.52	72.00	129	

Reviewer: NN6A, 23-Feb-2025 12:01:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

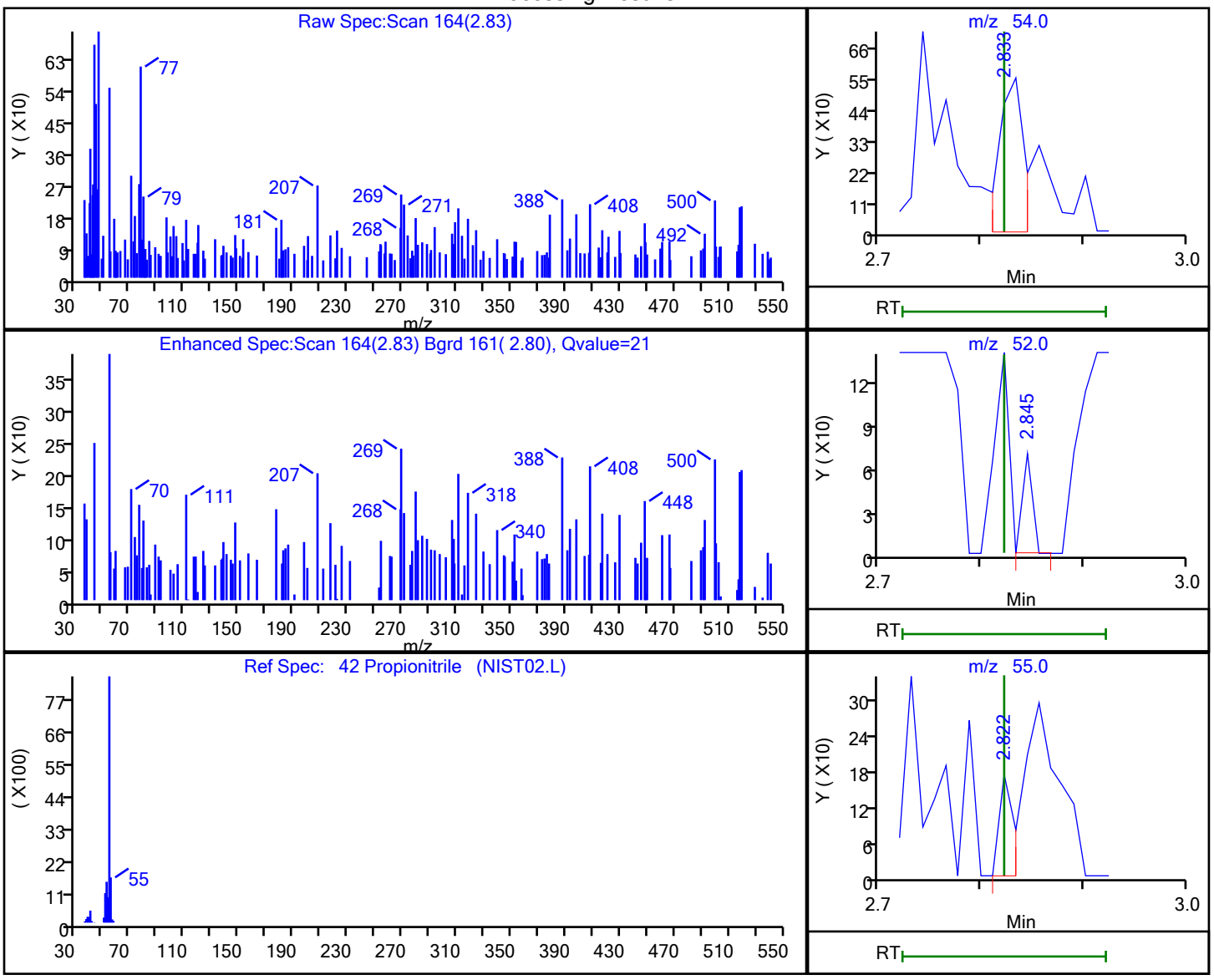
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
2.83	54.00	925	2.679904
2.84	52.00	46	
2.82	55.00	167	

Reviewer: NN6A, 23-Feb-2025 12:01:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

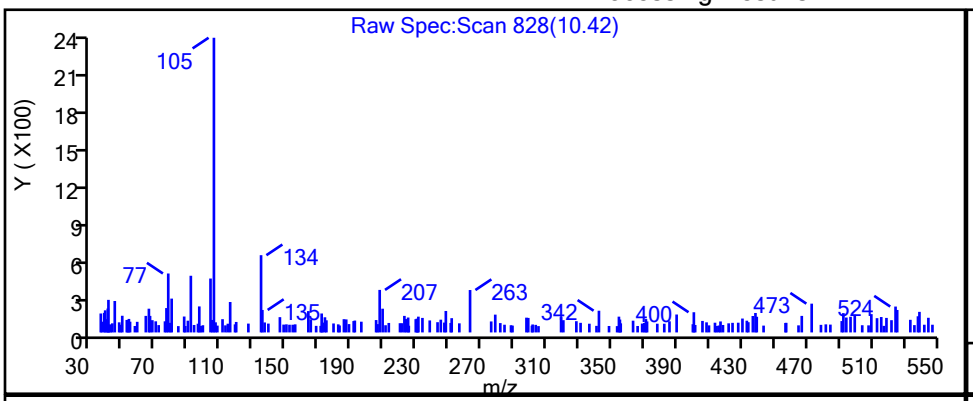
User Disabled Compound Report

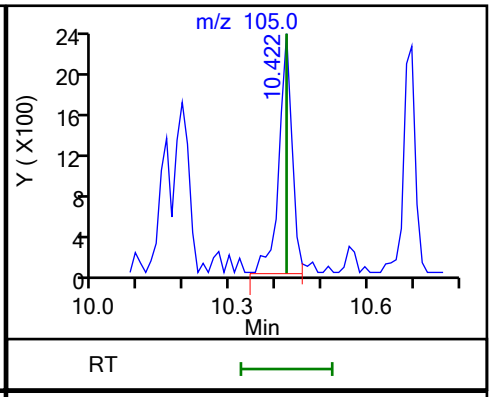
Eurofins Edison

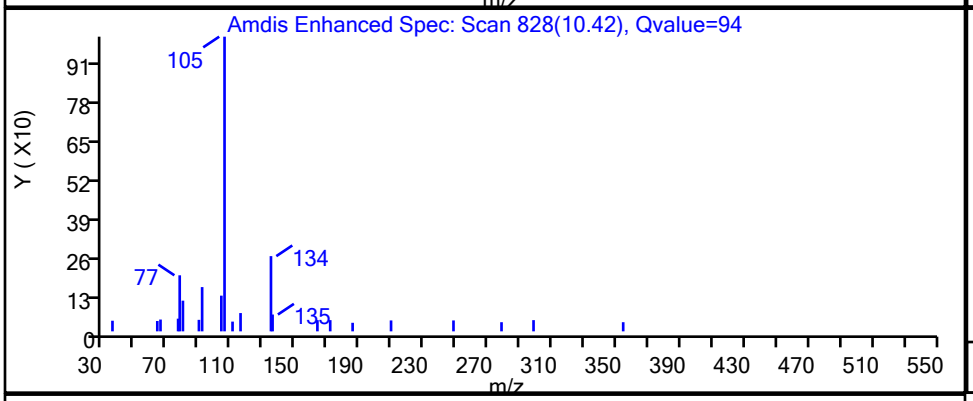
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

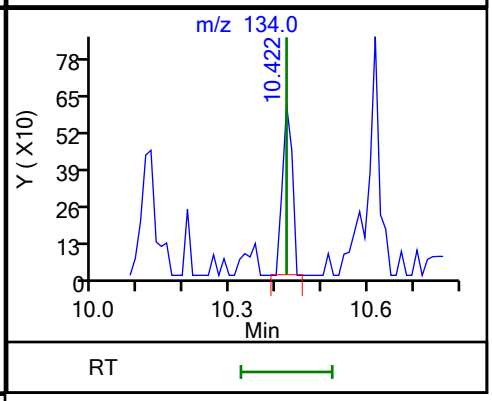
118 sec-Butylbenzene, CAS: 135-98-8

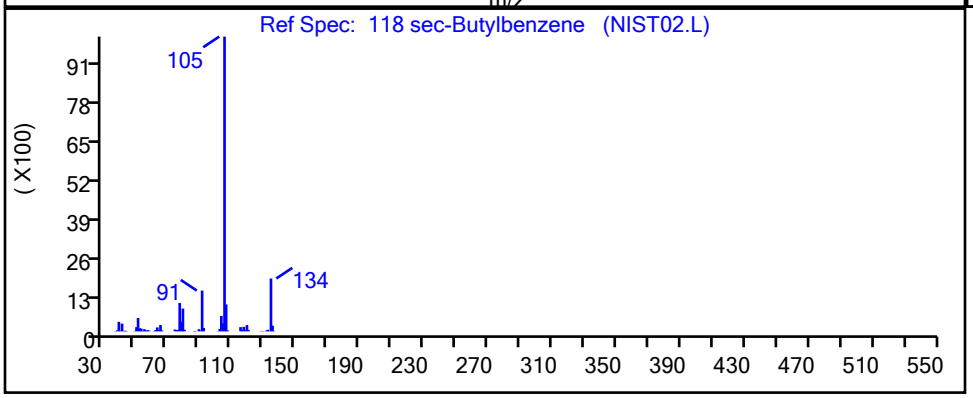
Processing Results











RT	Mass	Response	Amount
10.42	105.00	4595	0.234229
10.42	134.00	917	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

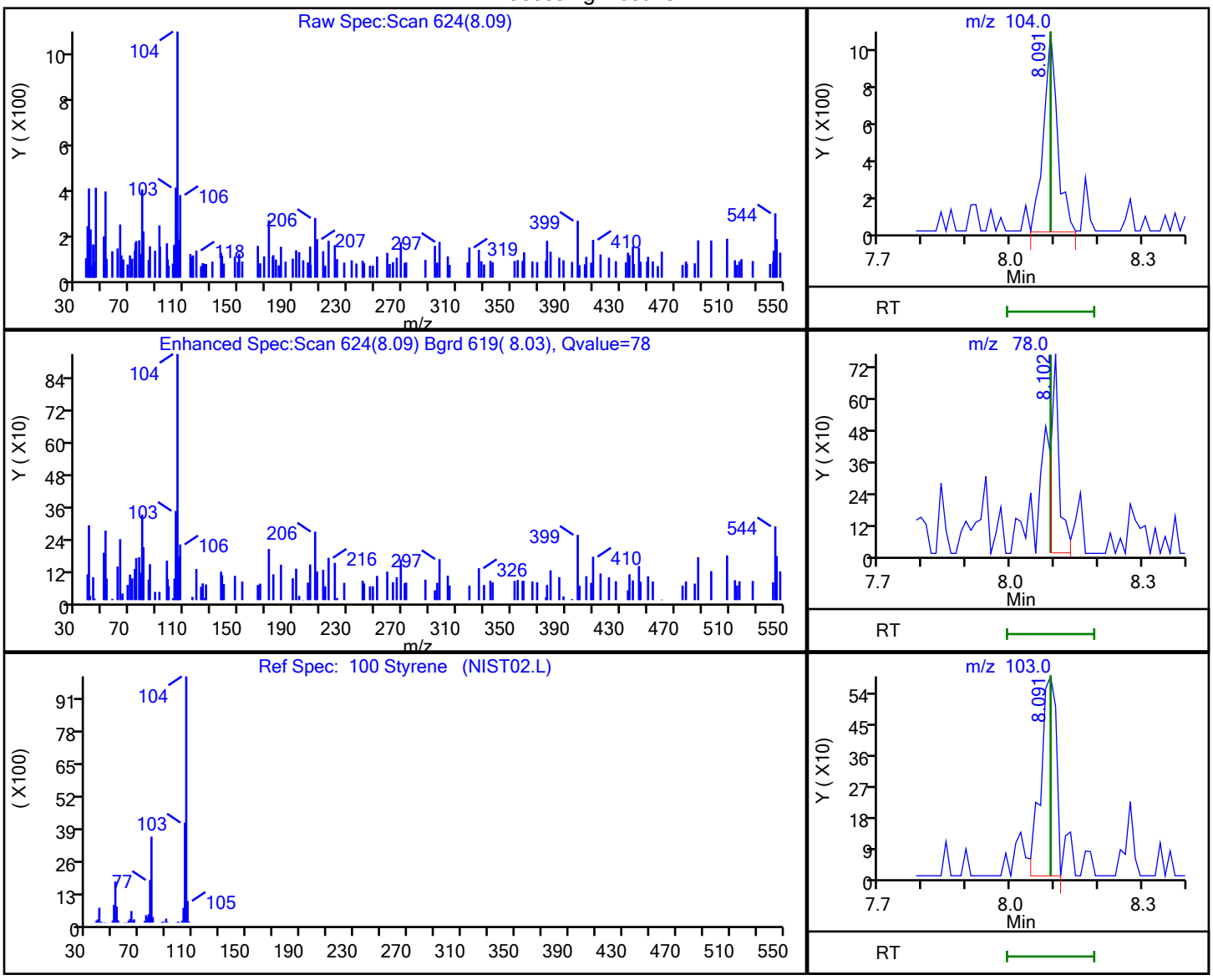
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

100 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.09	104.00	2300	0.218091
8.10	78.00	1007	
8.09	103.00	1446	

Reviewer: NN6A, 23-Feb-2025 12:03:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

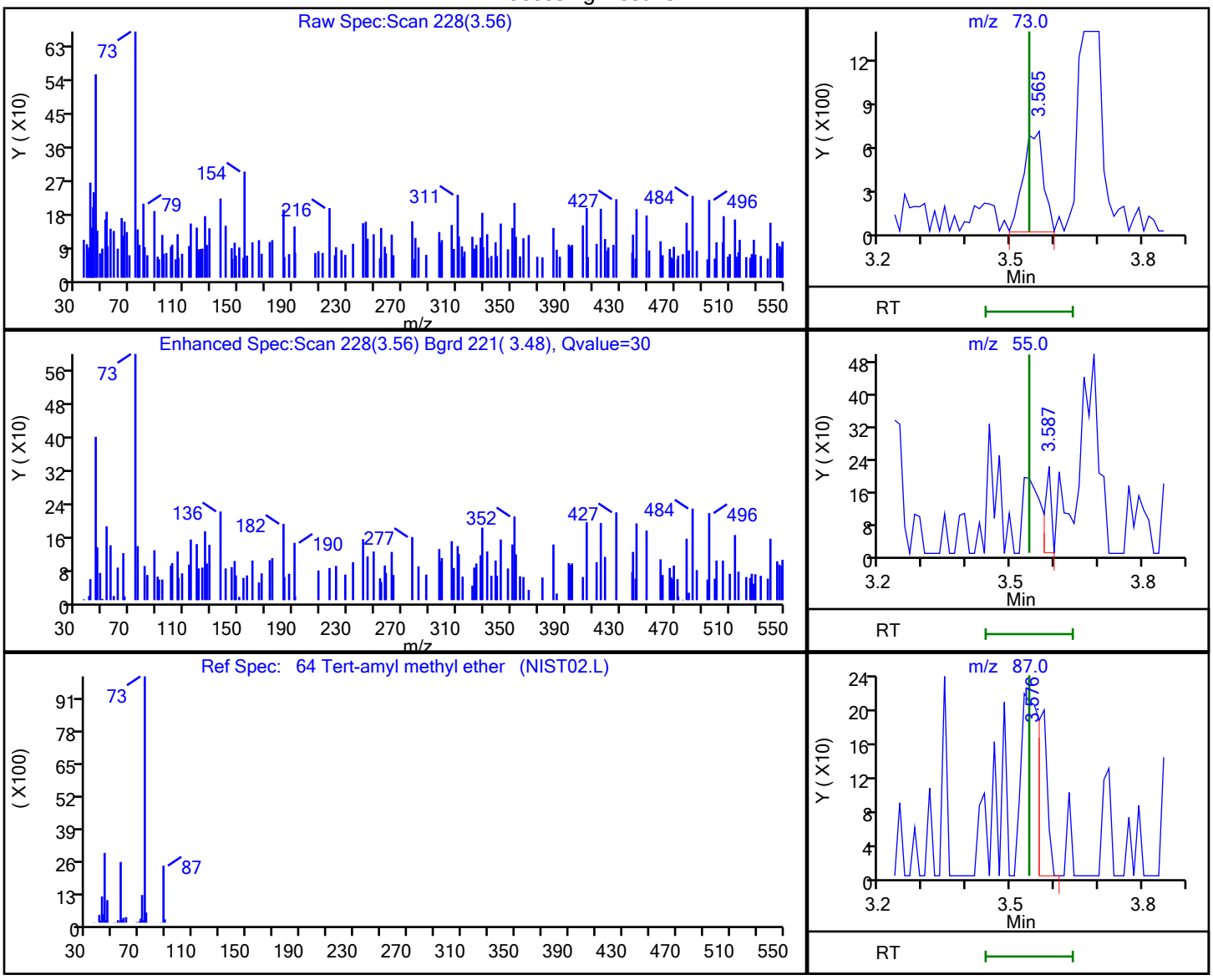
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

64 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
3.56	73.00	2136	0.191702
3.59	55.00	214	
3.58	87.00	294	

Reviewer: NN6A, 23-Feb-2025 12:01:53 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

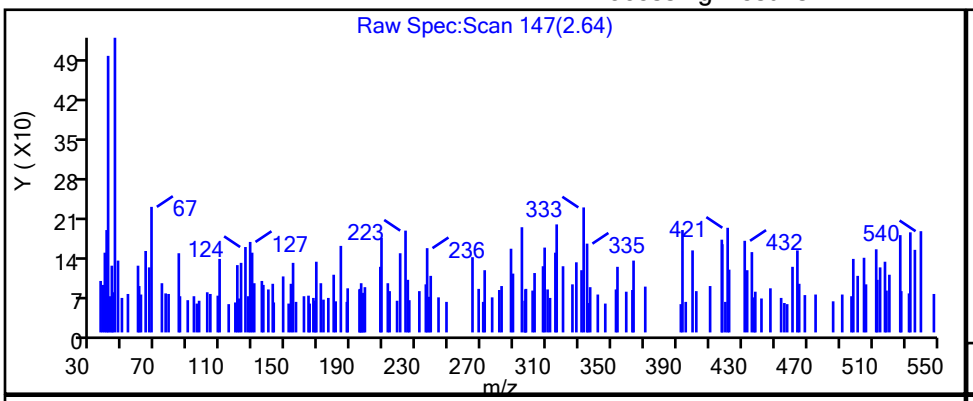
User Disabled Compound Report

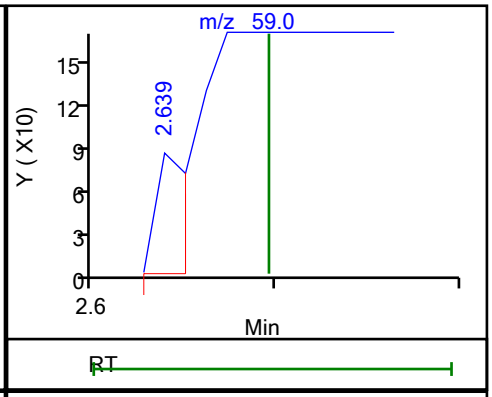
Eurofins Edison

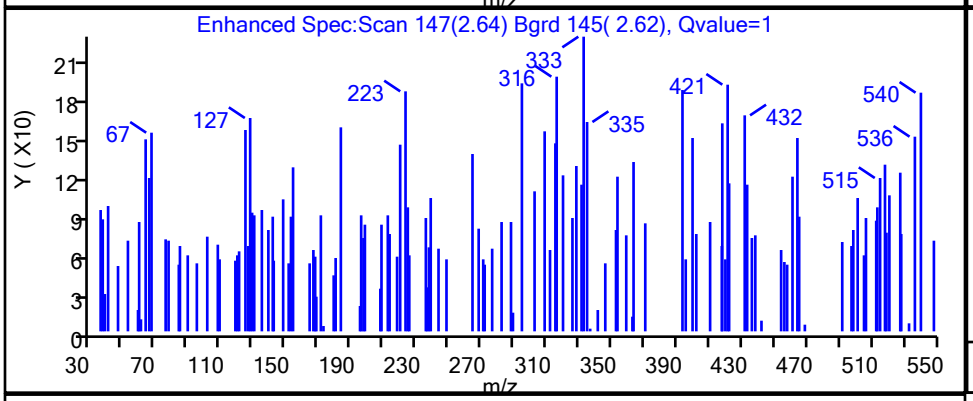
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

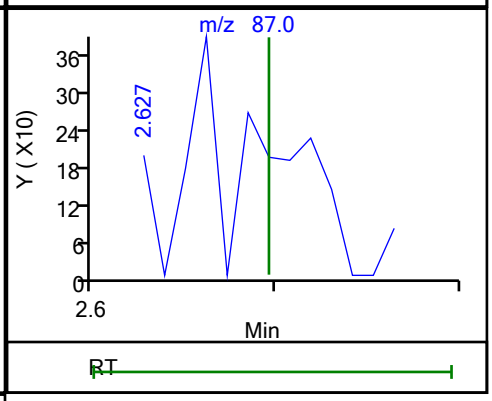
41 Tert-butyl ethyl ether, CAS: 637-92-3

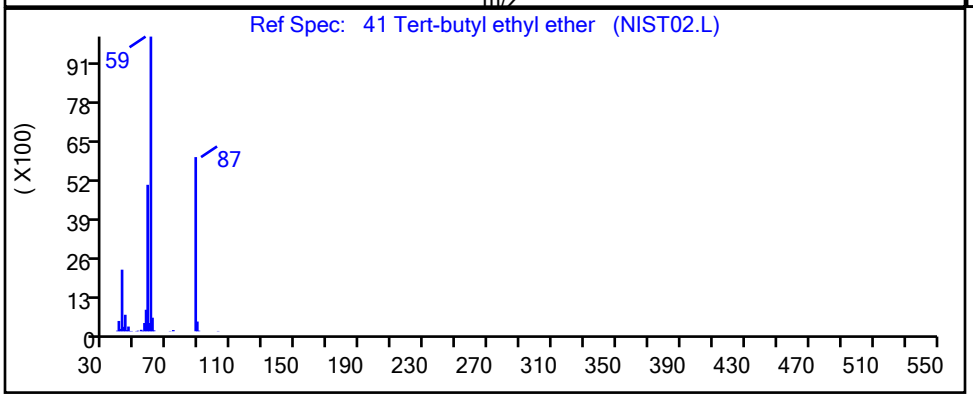
Processing Results











RT	Mass	Response	Amount
2.64	59.00	103	0.008479
2.63	87.00	133	

Reviewer: NN6A, 23-Feb-2025 12:01:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

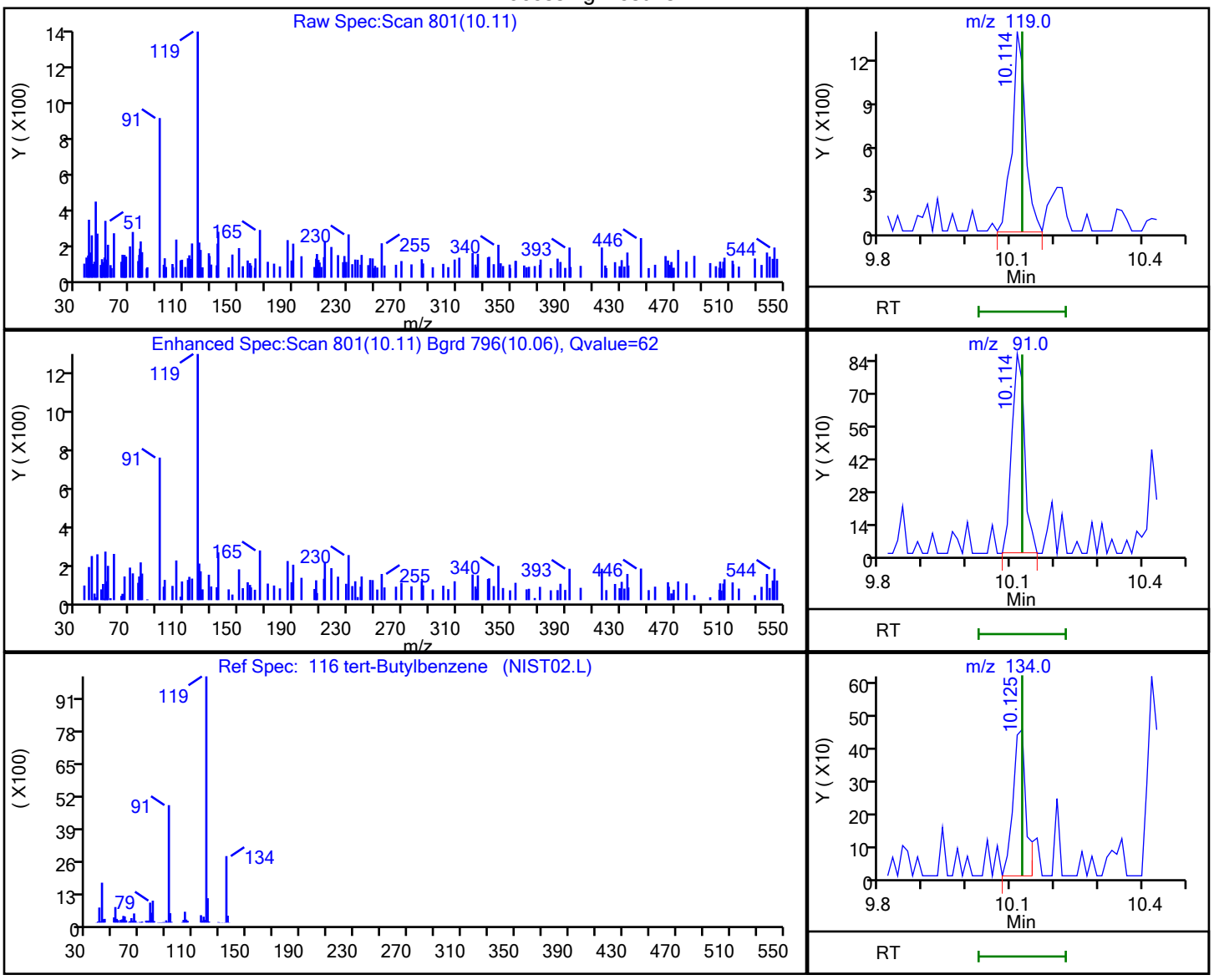
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.11	119.00	2780	0.223505
10.11	91.00	1744	
10.13	134.00	932	

Reviewer: NN6A, 23-Feb-2025 12:03:16 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

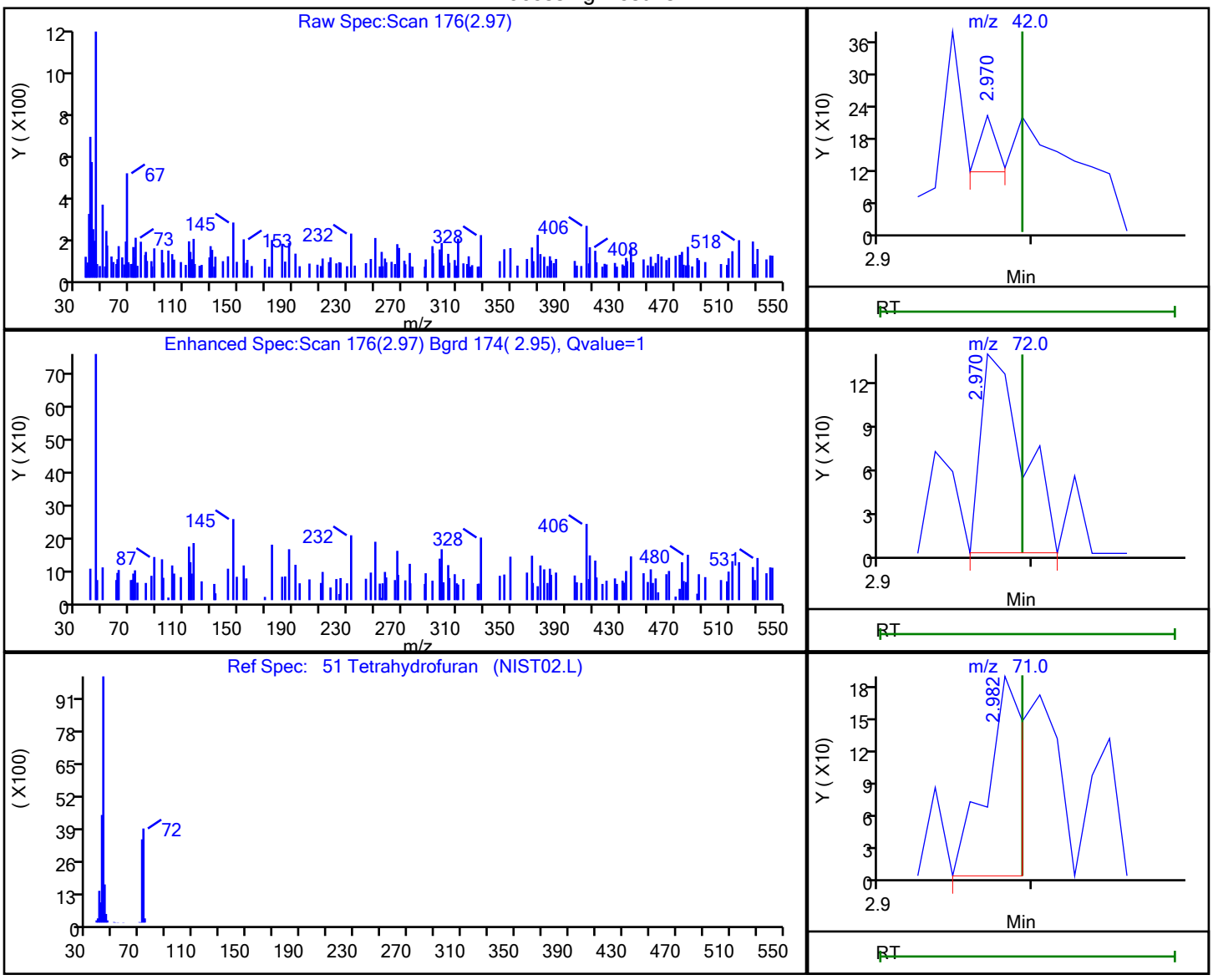
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

51 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
2.97	42.00	78	0.090984
2.97	72.00	268	
2.98	71.00	313	

Reviewer: NN6A, 23-Feb-2025 12:01:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

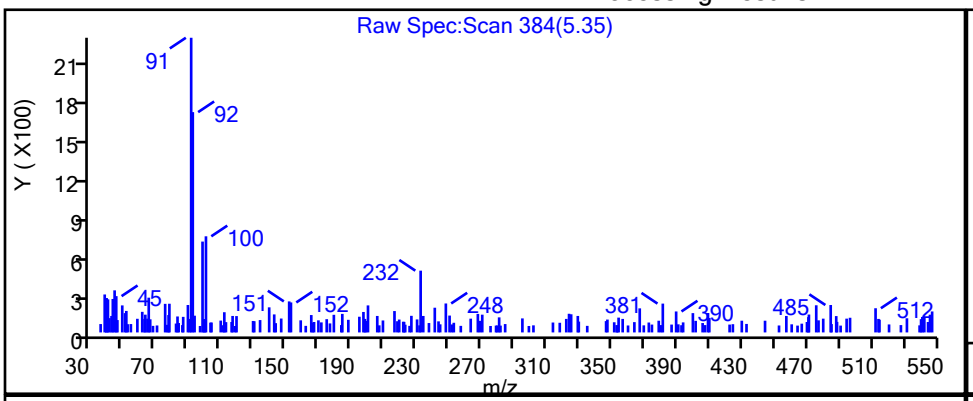
User Disabled Compound Report

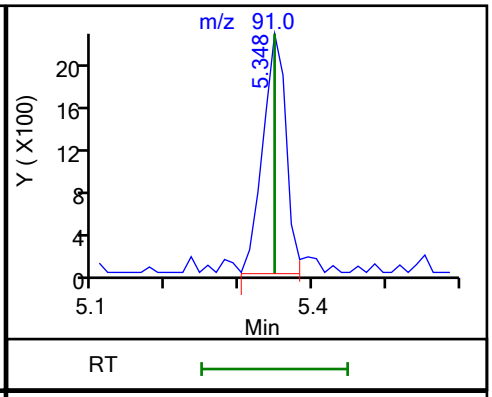
Eurofins Edison

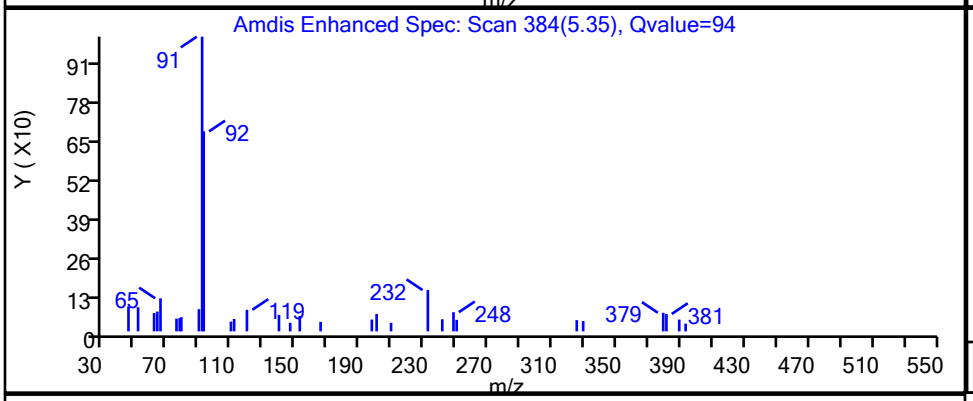
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

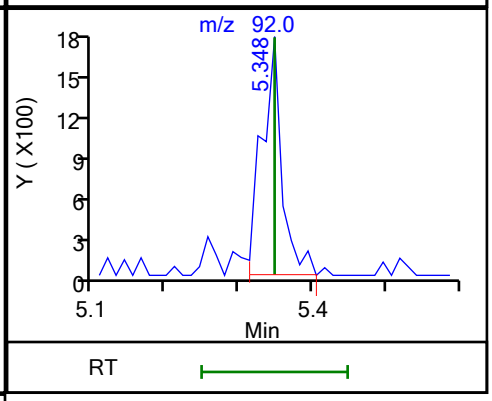
84 Toluene, CAS: 108-88-3

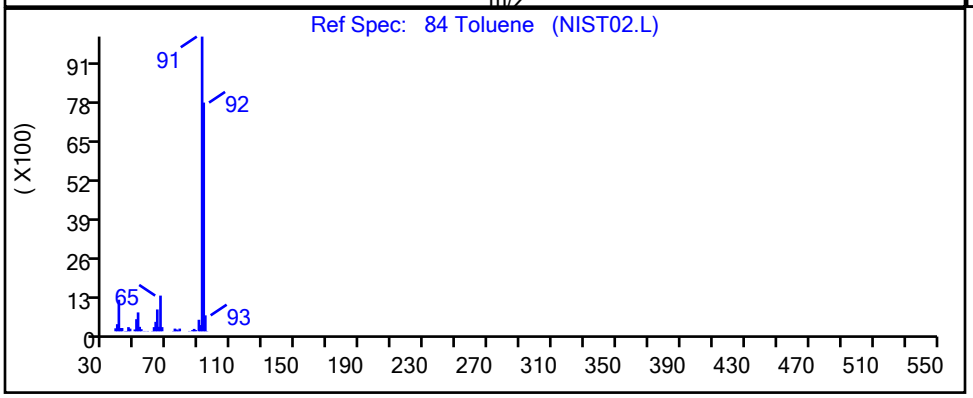
Processing Results











RT	Mass	Response	Amount
5.35	91.00	5019	0.338342
5.35	92.00	3277	

Reviewer: NN6A, 23-Feb-2025 12:02:26 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

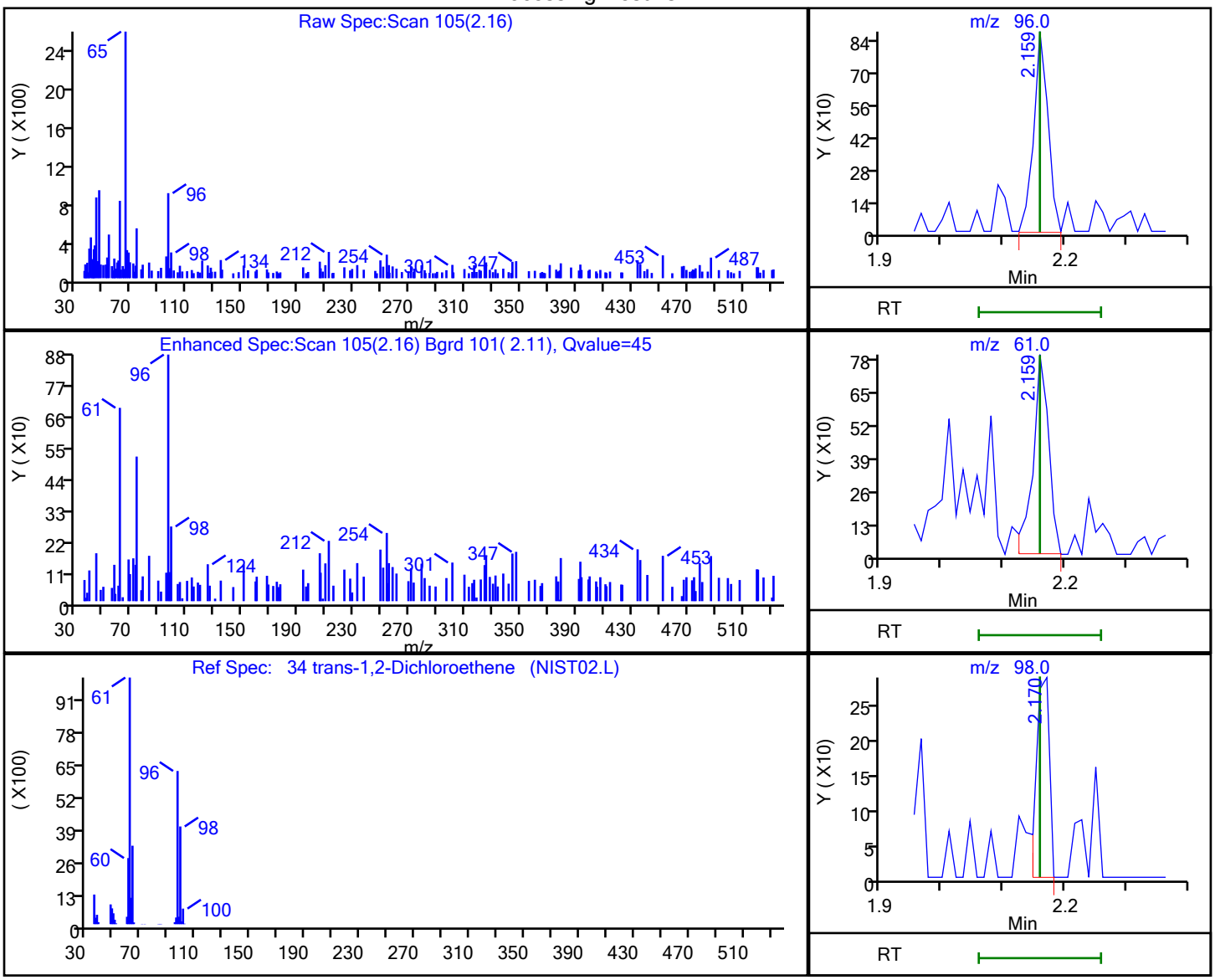
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
2.16	96.00	1421	0.339216
2.16	61.00	1424	
2.17	98.00	416	

Reviewer: NN6A, 23-Feb-2025 12:01:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

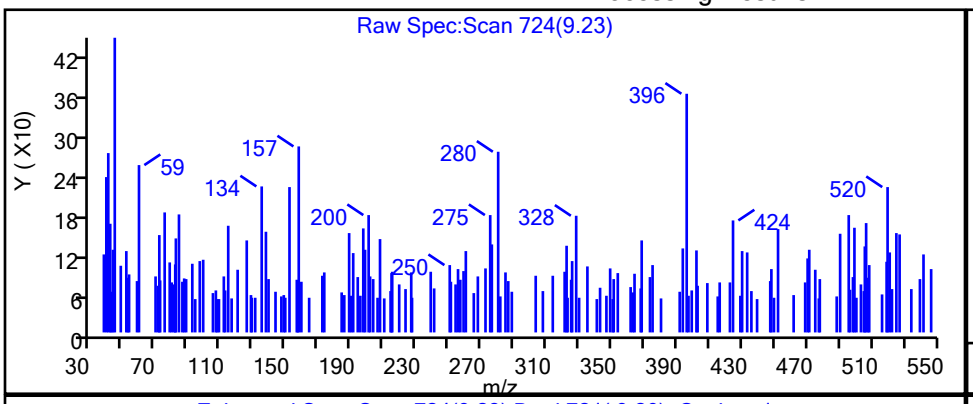
User Disabled Compound Report

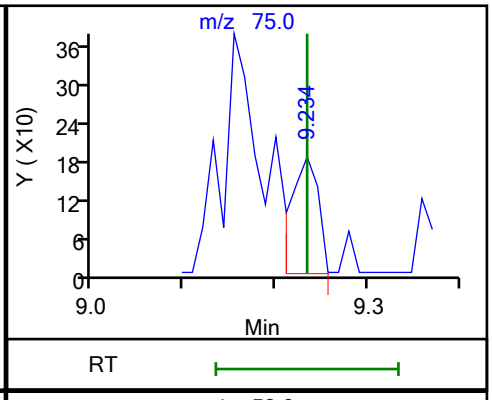
Eurofins Edison

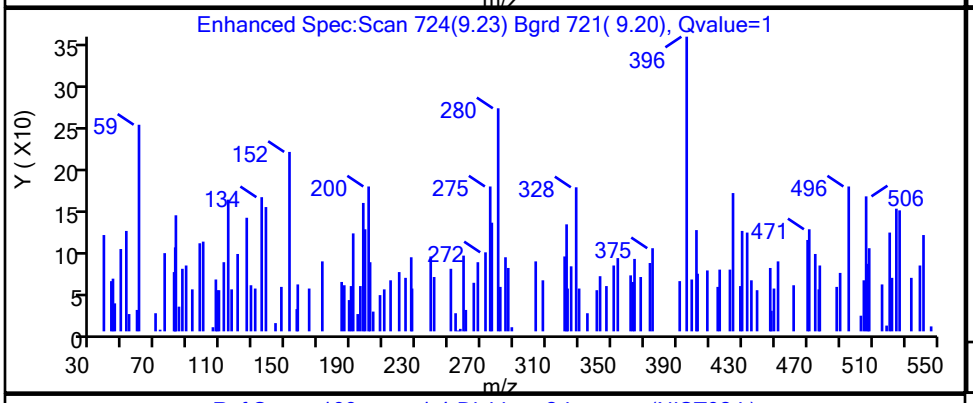
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

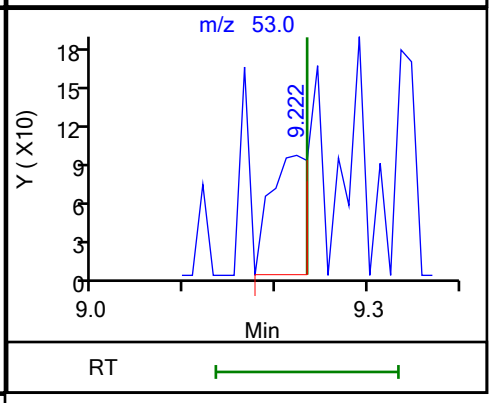
109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

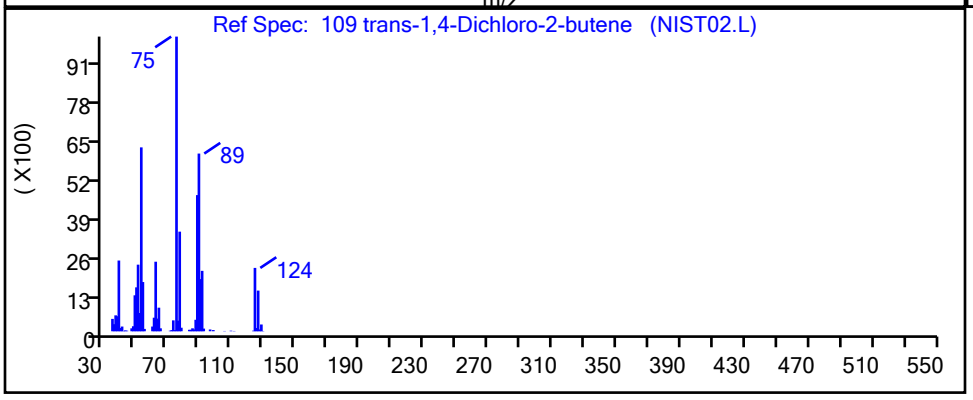
Processing Results











RT	Mass	Response	Amount
9.23	75.00	374	0.456846
9.22	53.00	270	

Reviewer: NN6A, 23-Feb-2025 12:03:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

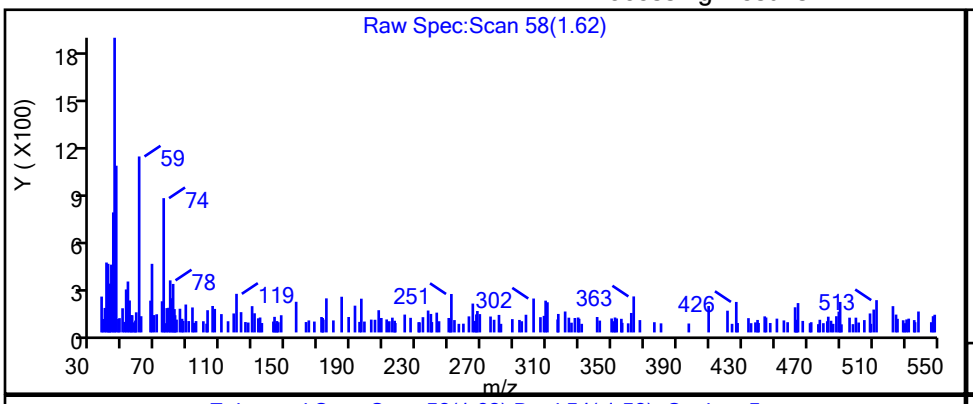
User Disabled Compound Report

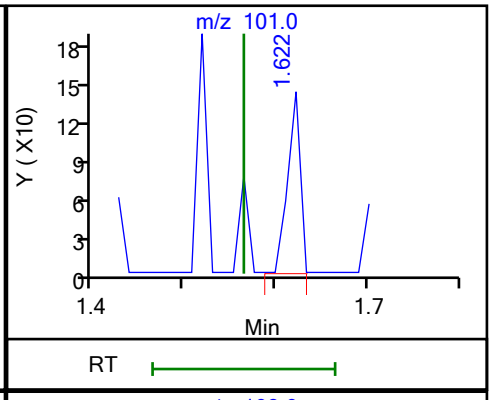
Eurofins Edison

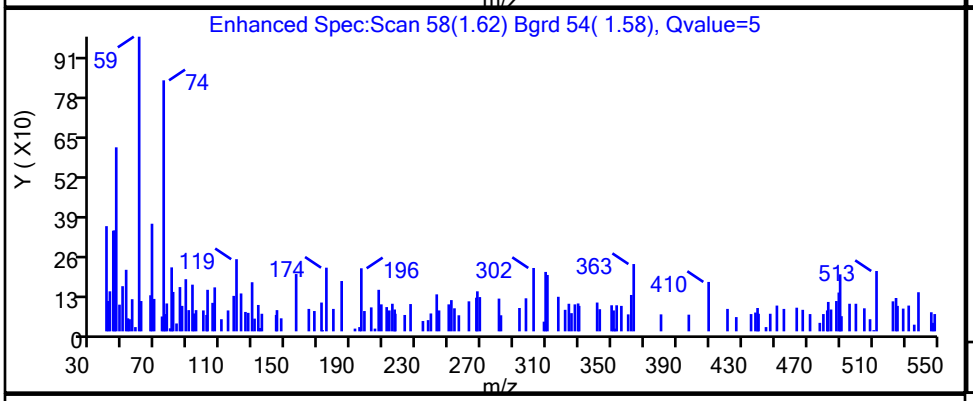
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D				
Injection Date:	20-Feb-2025 12:28:30	Instrument ID:	CVOAMS9		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

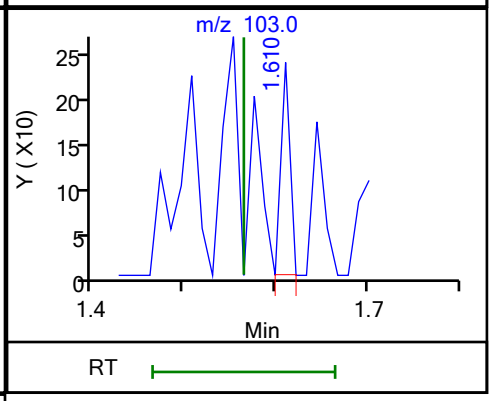
12 Trichlorofluoromethane, CAS: 75-69-4

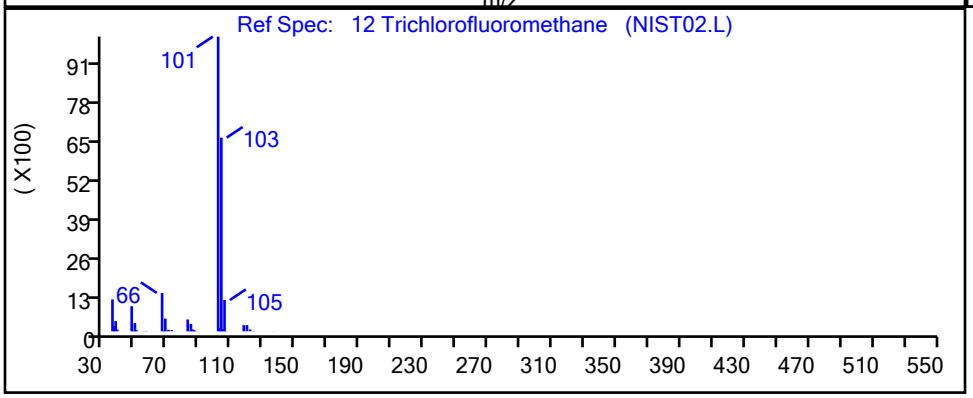
Processing Results











RT	Mass	Response	Amount
1.62	101.00	131	0.016219
1.61	103.00	165	

Reviewer: NN6A, 23-Feb-2025 12:01:23 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

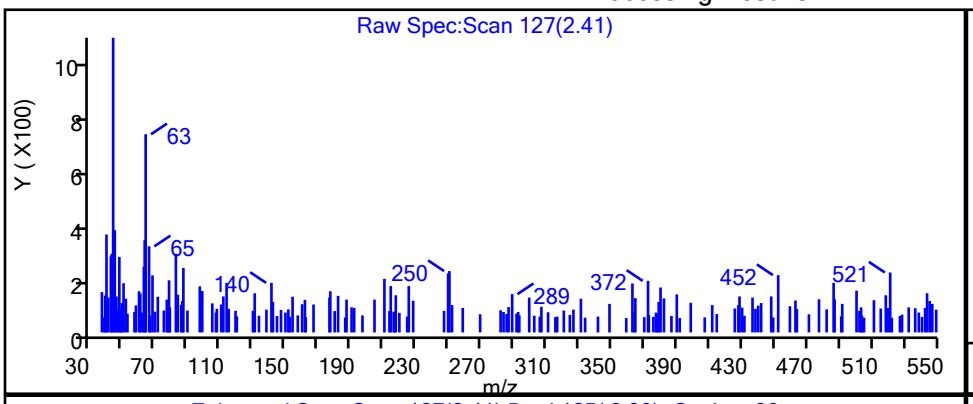
User Disabled Compound Report

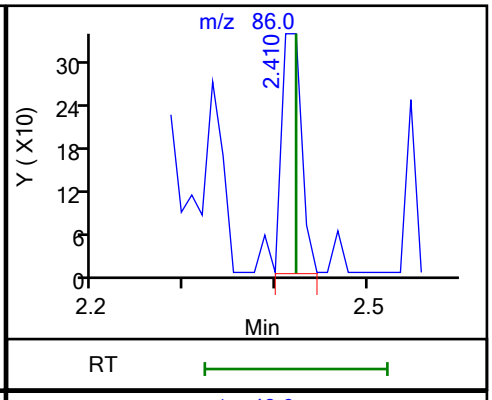
Eurofins Edison

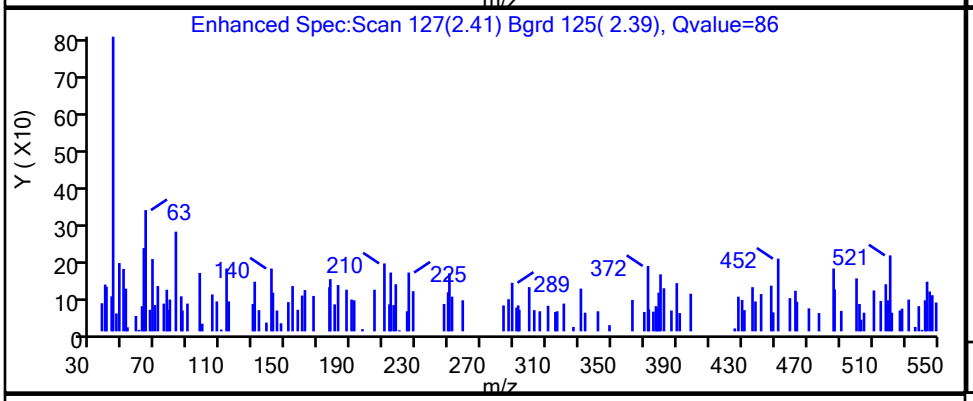
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

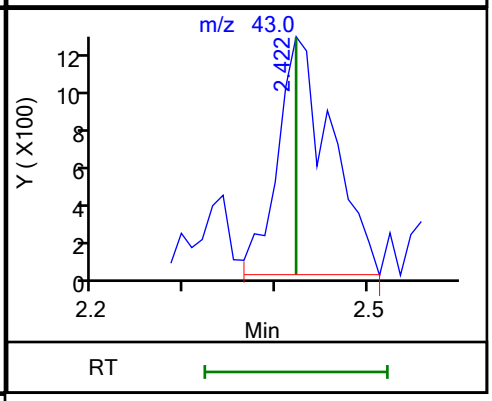
38 Vinyl acetate, CAS: 108-05-4

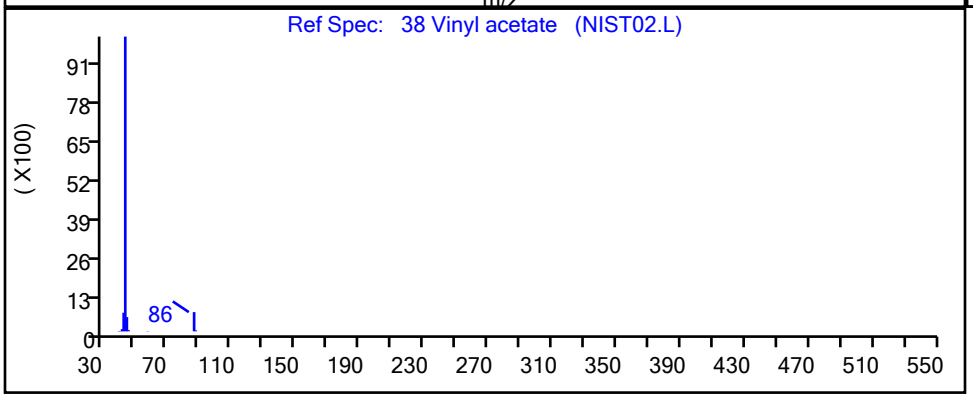
Processing Results











RT	Mass	Response	Amount
2.41	86.00	502	0.759349
2.42	43.00	5287	

Reviewer: NN6A, 23-Feb-2025 12:01:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

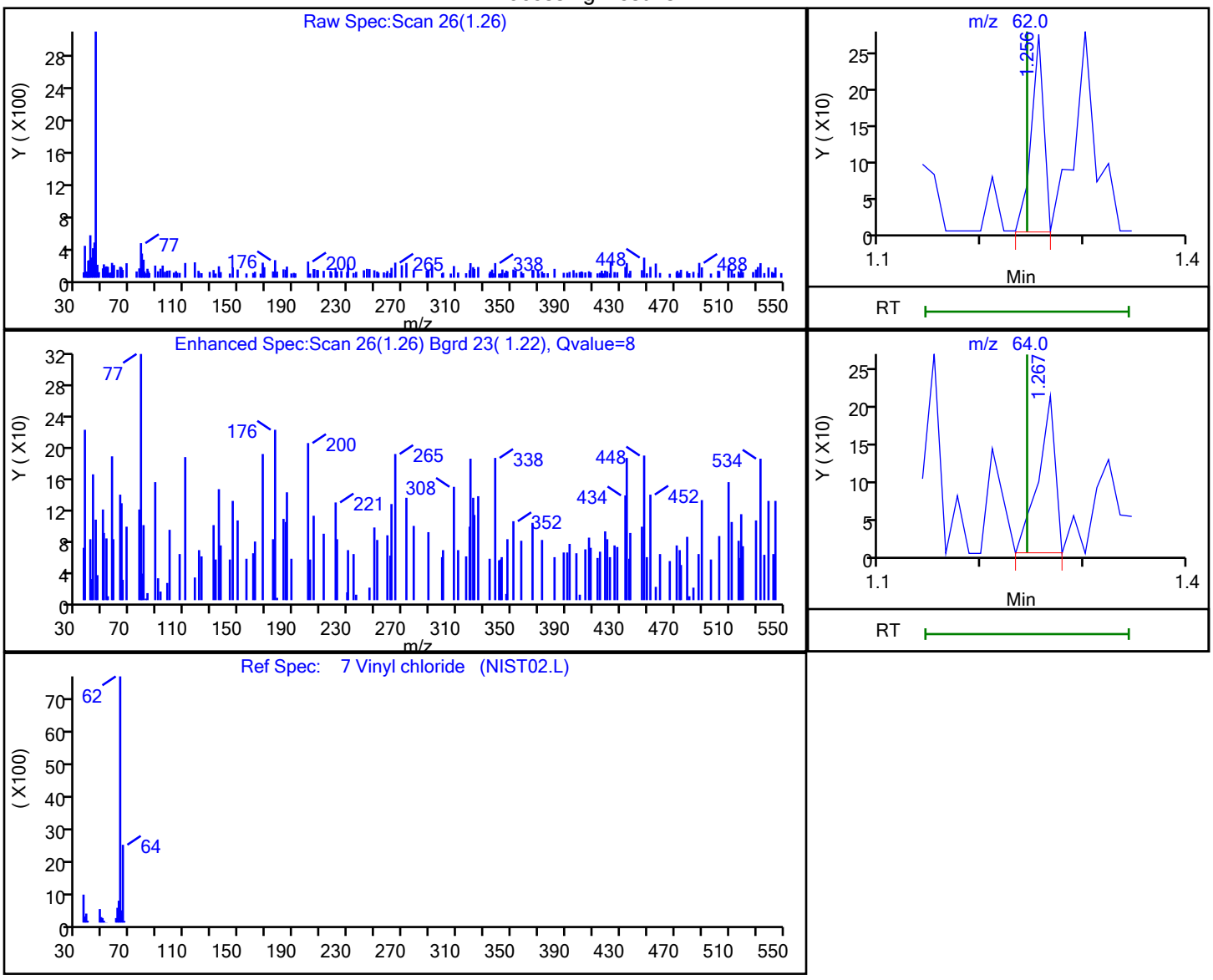
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68291.D
Injection Date: 20-Feb-2025 12:28:30 Instrument ID: CVOAMS9
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.26	62.00	227	0.027032
1.27	64.00	248	

Reviewer: NN6A, 23-Feb-2025 12:01:22 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 20-Feb-2025 12:52:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0187106-004
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 12:52:36 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: KG2Q Date: 21-Feb-2025 08:42:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.245	1.233	0.012	63	2371	0.2500	0.2629	Ma
* 31 TBA-d9 (IS)	65	2.033	2.033	0.000	100	277536	1000.0	1000.0	
33 Acrylonitrile	53	2.136	2.136	0.000	74	2647	2.00	2.12	
* 43 2-Butanone-d5	46	2.742	2.742	0.000	100	295980	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.130	3.130	0.000	97	198148	50.0	50.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.393	0.000	97	191164	50.0	50.3	
* 65 Fluorobenzene	96	3.679	3.679	0.000	99	730043	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.296	4.285	0.011	42	30450	1000.0	1000.0	
80 Epichlorohydrin	57	4.868	4.868	0.000	46	1116	5.00	4.40	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	99	656562	50.0	50.6	
* 94 Chlorobenzene-d5	117	7.097	7.096	0.001	84	525369	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	96	224139	50.0	50.1	
* 120 1,4-Dichlorobenzene-d4	152	10.583	10.582	0.001	93	306112	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00200	Amount Added:	0.00	Units: uL	
GASES Li_00627	Amount Added:	2.50	Units: uL	
ACROLEIN W_00180	Amount Added:	0.00	Units: uL	
14DIOXINTER_00178	Amount Added:	0.00	Units: uL	
Ethanol mix_00098	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00158	Amount Added:	0.00	Units: uL	
GAS Hi_00489	Amount Added:	0.00	Units: uL	
524FREONS_00030	Amount Added:	0.00	Units: uL	
7 Freons Hi_00024	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00134	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

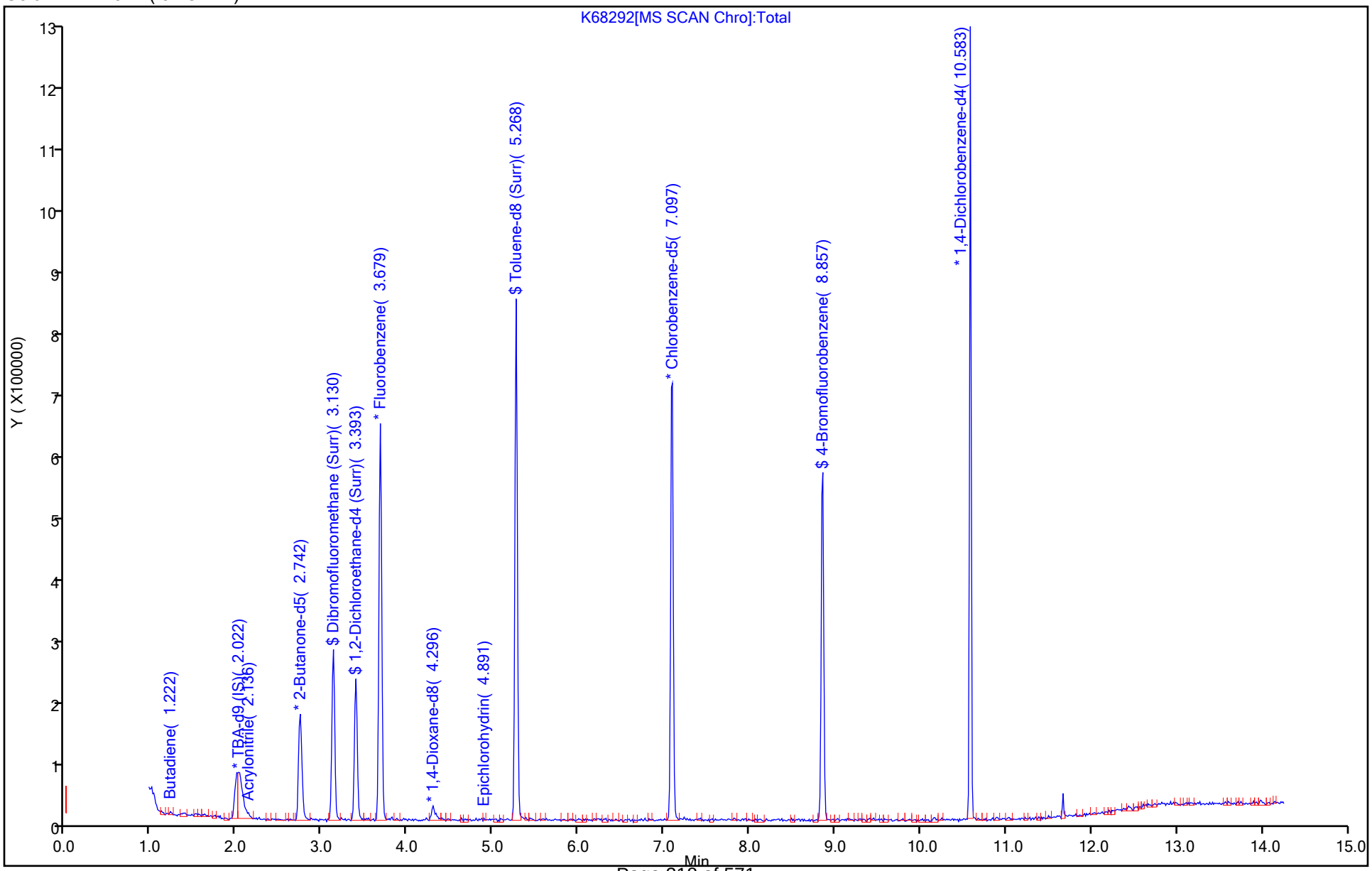
Report Date: 23-Feb-2025 12:52:37 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D

Injection Date:	20-Feb-2025 12:52:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

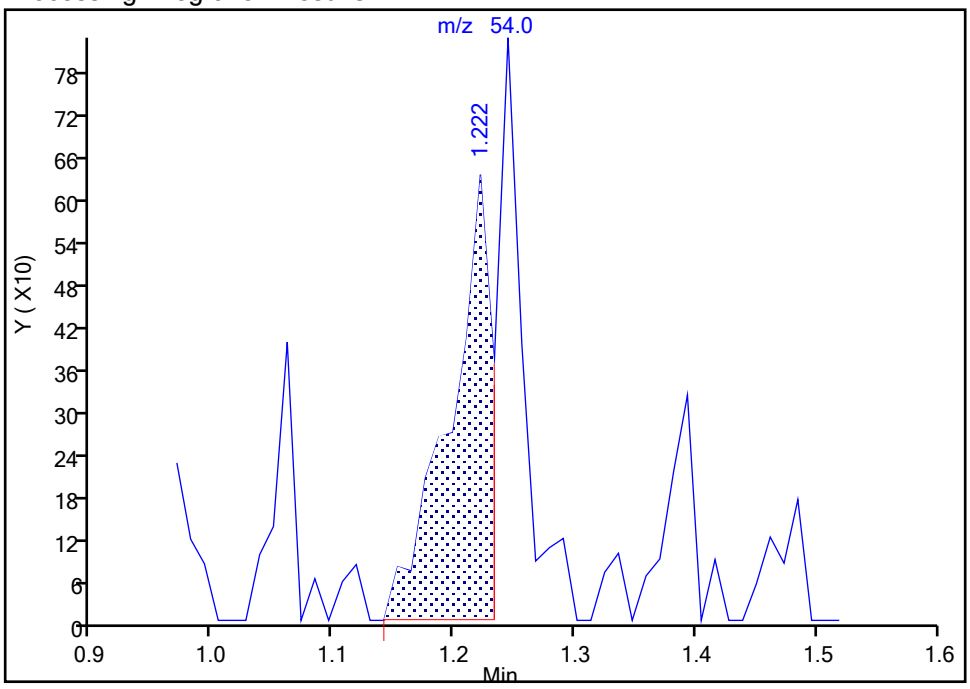
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

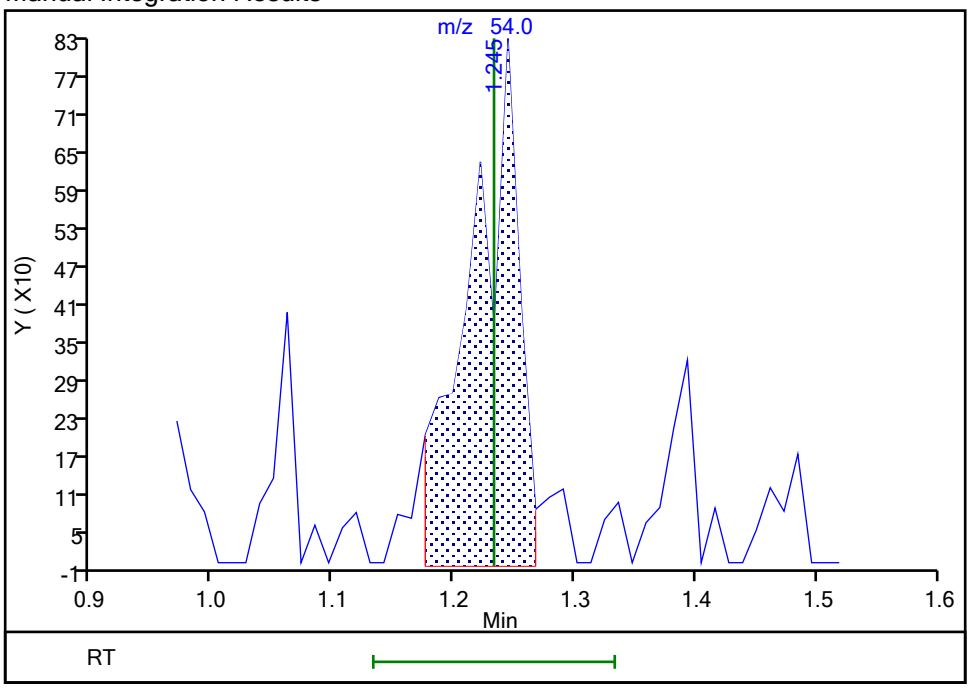
Processing Integration Results

RT: 1.22
Area: 1556
Amount: 0.181893
Amount Units: ug/l



Manual Integration Results

RT: 1.24
Area: 2371
Amount: 0.262854
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:04:39 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

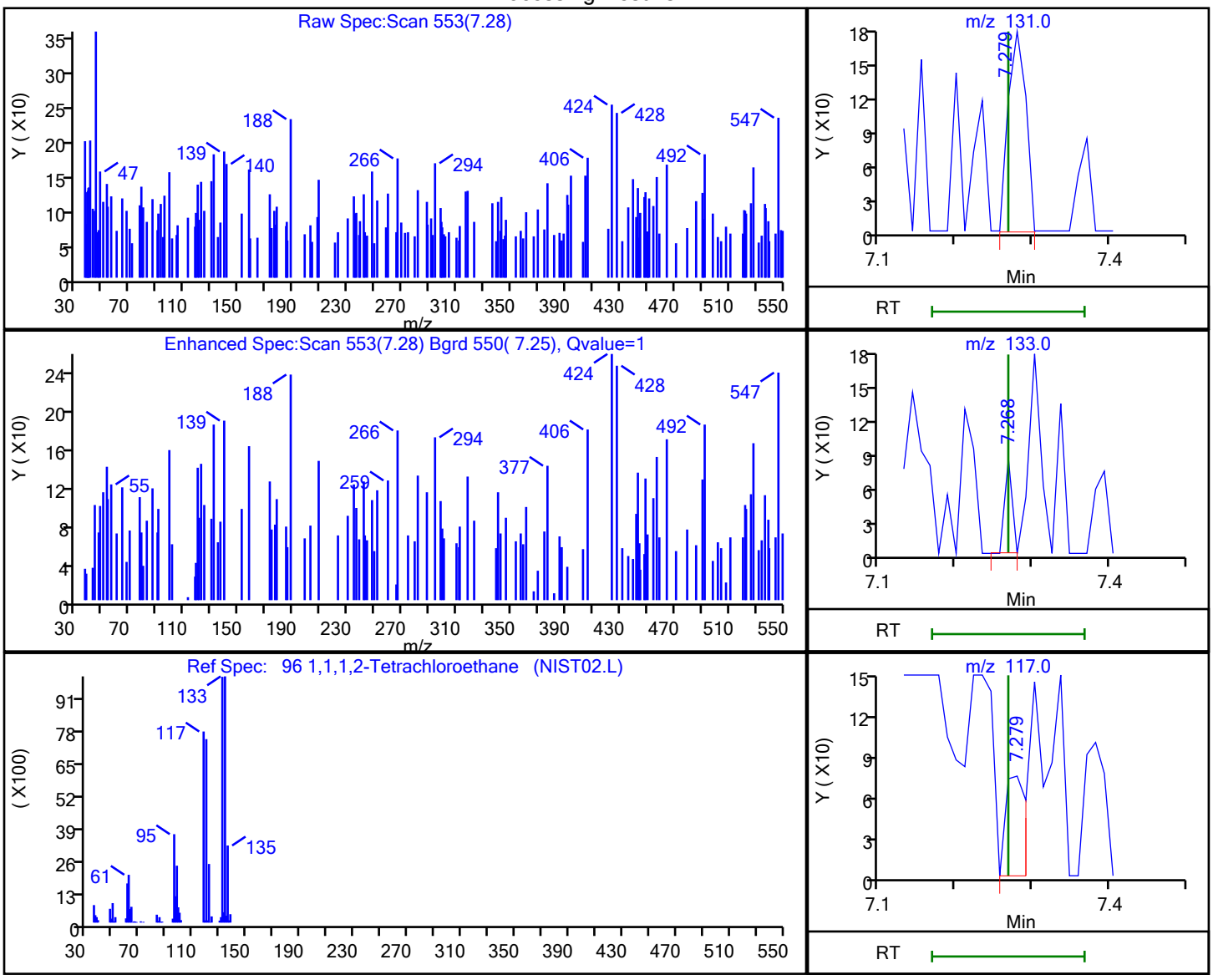
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
7.28	131.00	288	0.073742
7.27	133.00	58	
7.28	117.00	139	
7.28	119.00	224	

Reviewer: KG2Q, 21-Feb-2025 08:45:08 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

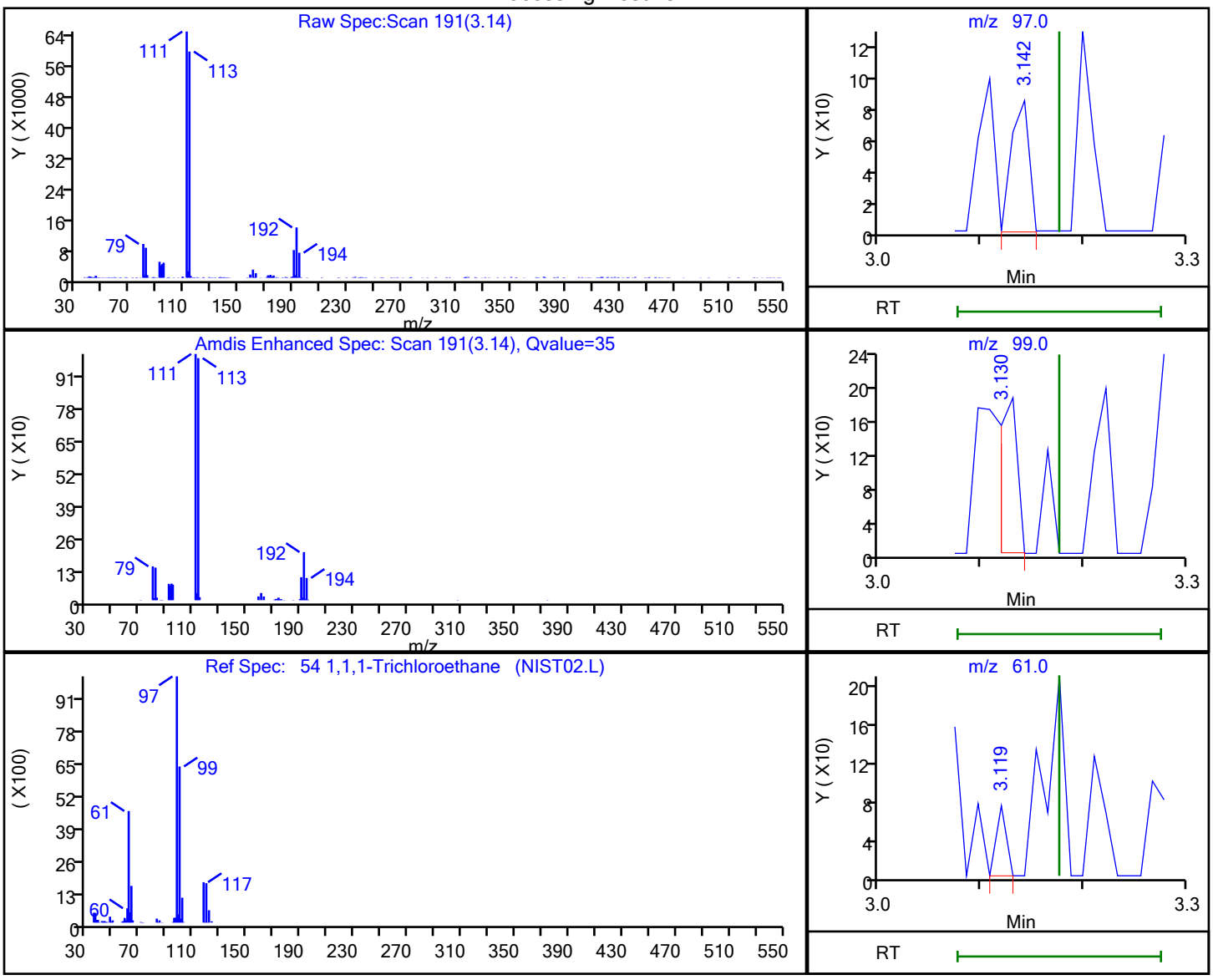
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

54 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
3.14	97.00	100	0.016126
3.13	99.00	231	
3.12	61.00	49	

Reviewer: KG2Q, 21-Feb-2025 08:44:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

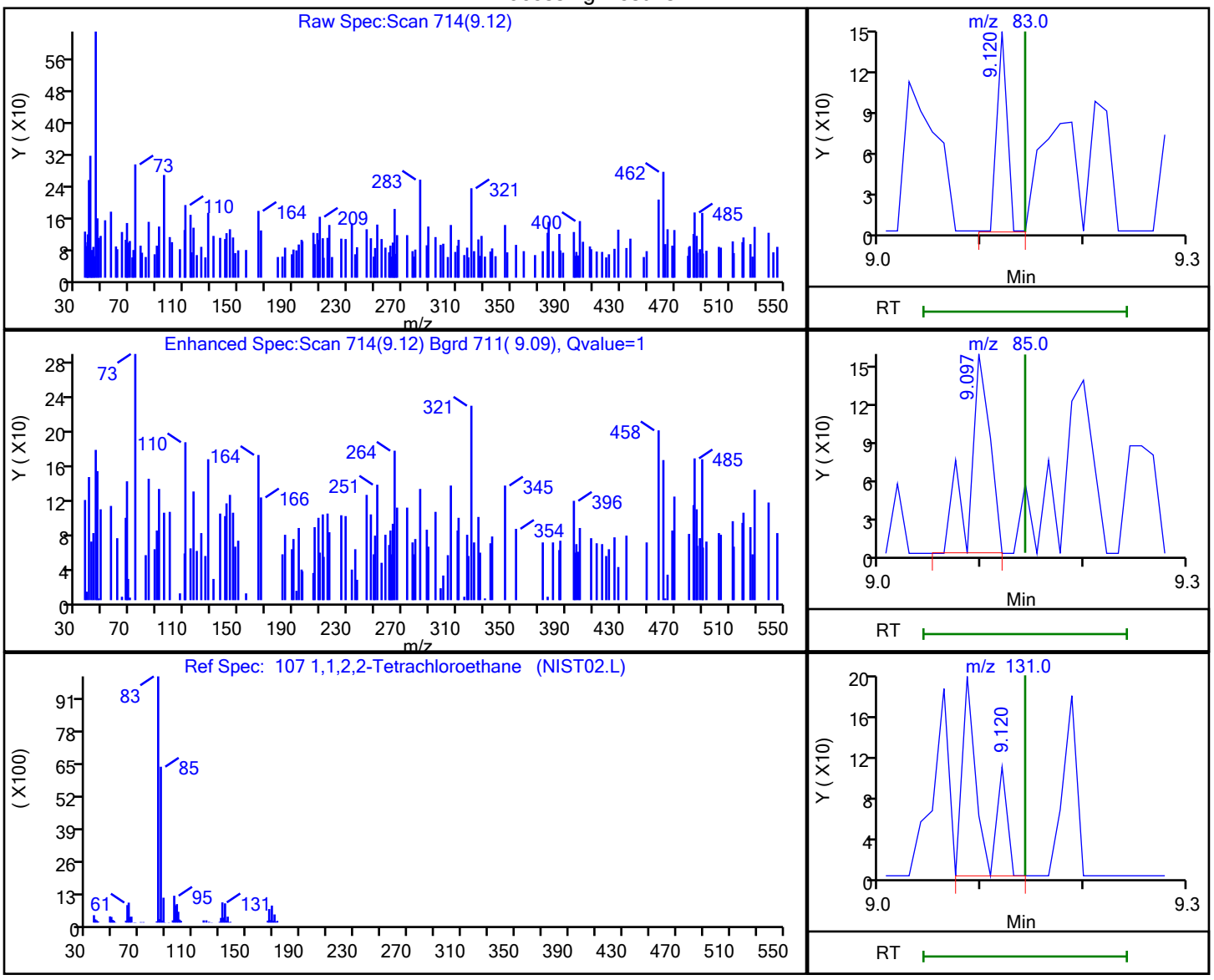
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
9.12	83.00	98	0.023553
9.10	85.00	213	
9.12	131.00	248	

Reviewer: KG2Q, 21-Feb-2025 08:45:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

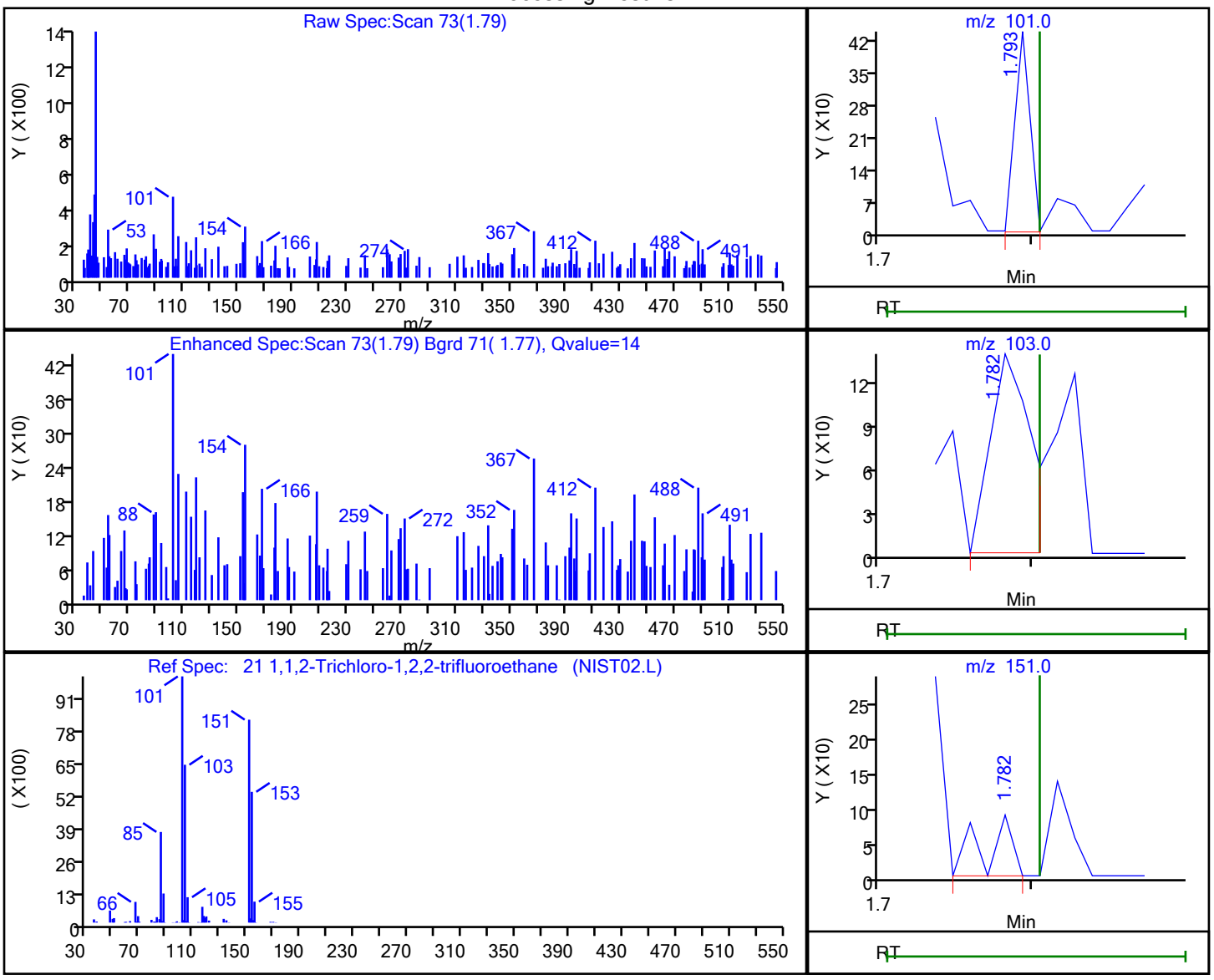
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
1.79	101.00	296	0.053665
1.78	103.00	244	
1.78	151.00	113	
1.79	85.00	0	

Reviewer: KG2Q, 21-Feb-2025 08:44:05 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

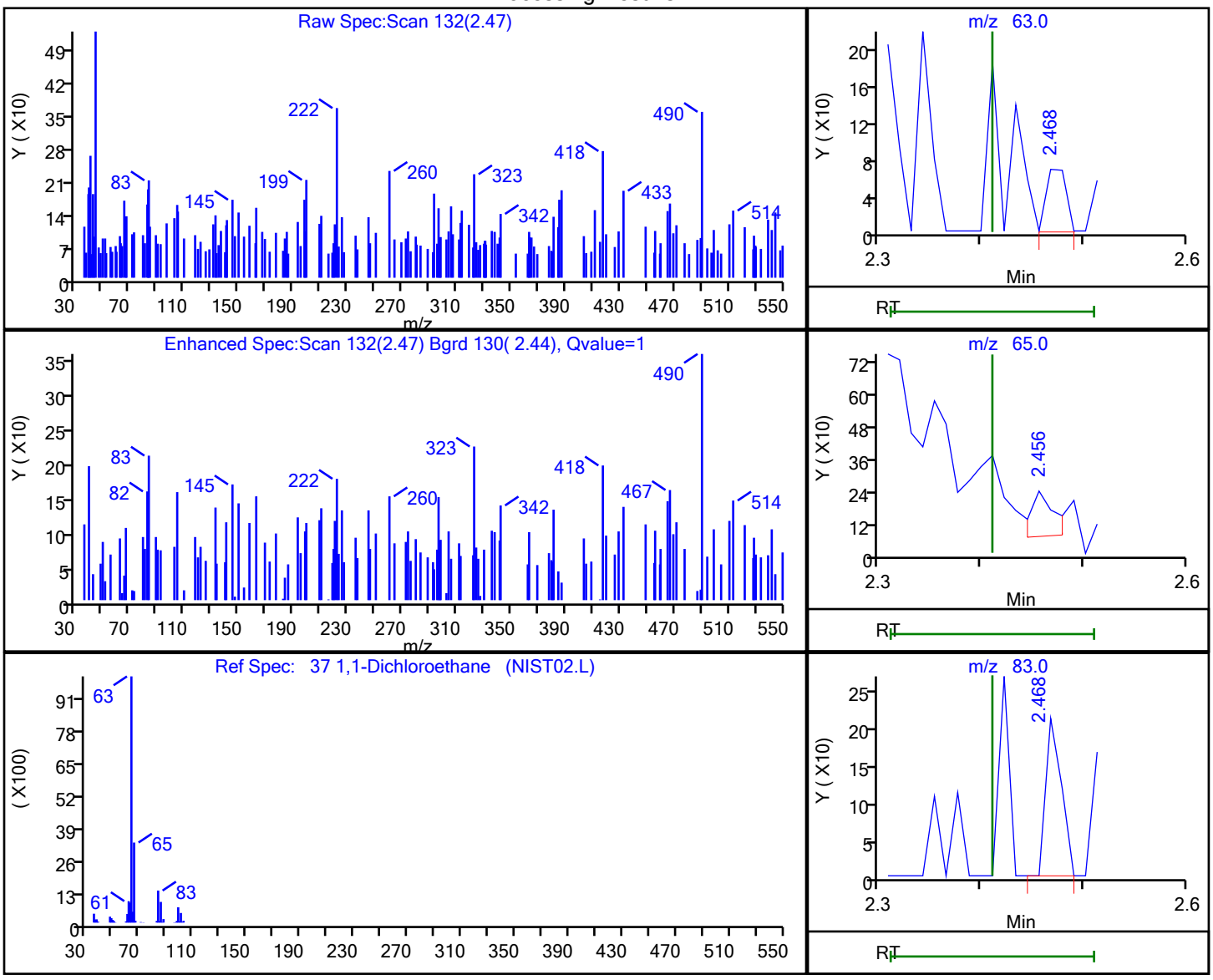
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D				
Injection Date:	20-Feb-2025 12:52:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

37 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
2.47	63.00	91	0.013879
2.46	65.00	282	
2.47	83.00	219	

Reviewer: KG2Q, 21-Feb-2025 08:44:21 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

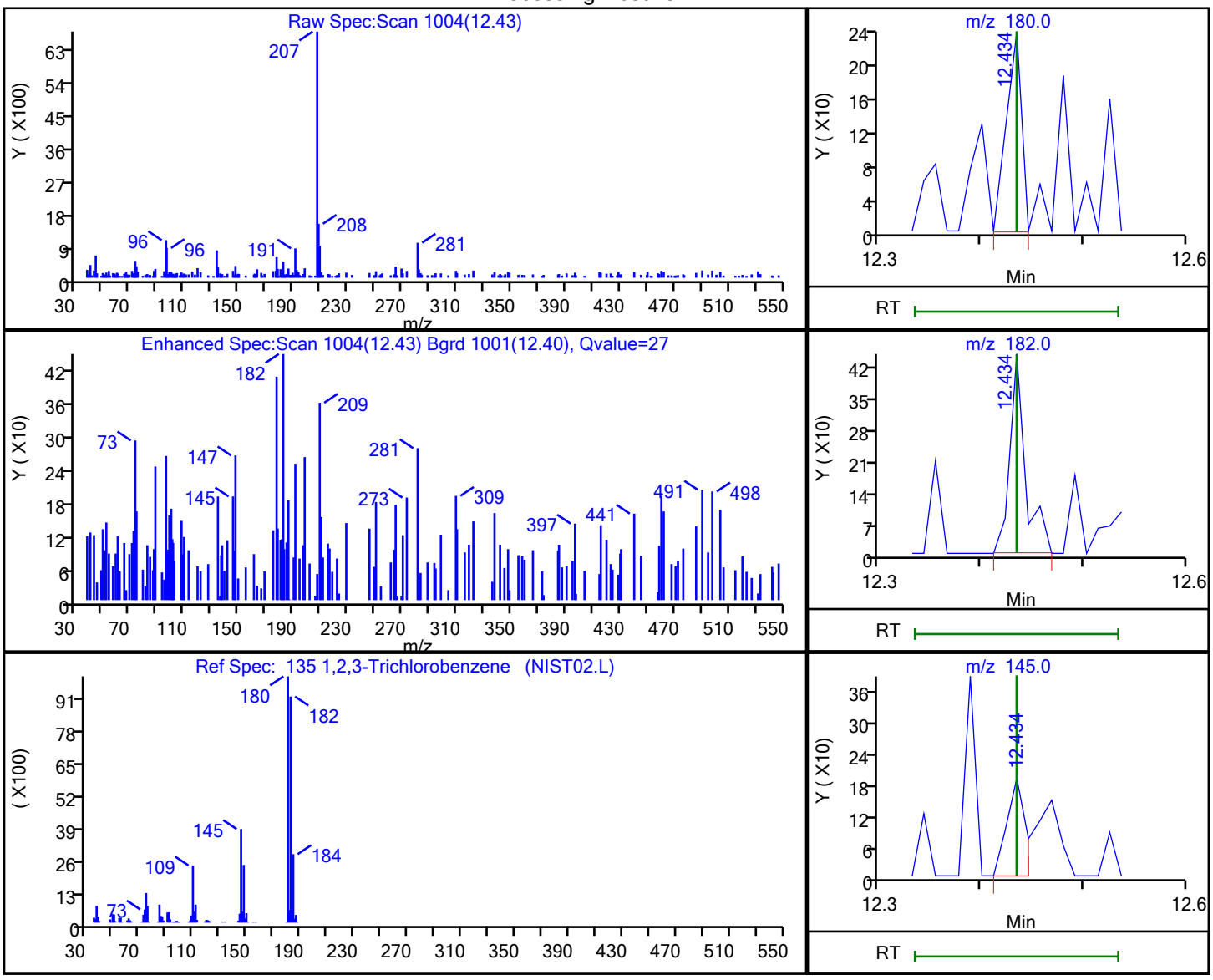
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.43	180.00	242	0.033587
12.43	182.00	475	
12.43	145.00	237	

Reviewer: KG2Q, 21-Feb-2025 08:45:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

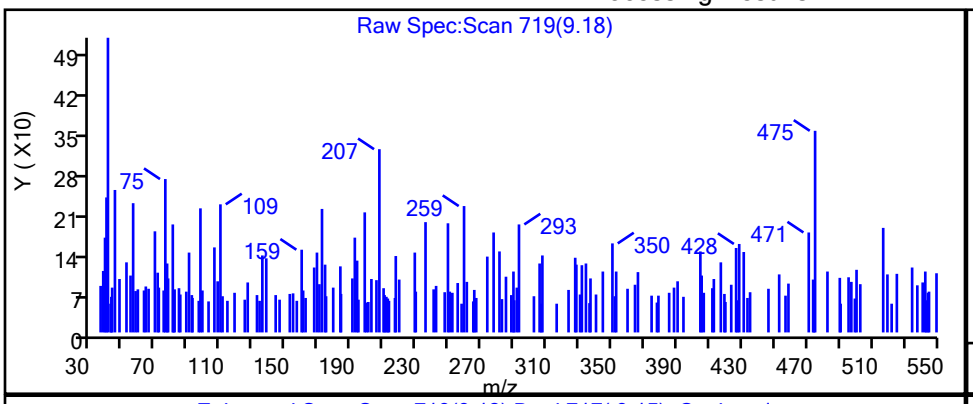
User Disabled Compound Report

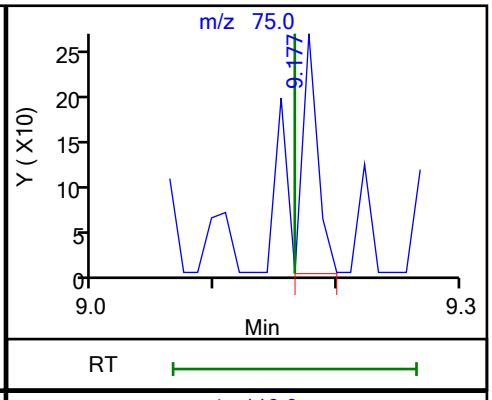
Eurofins Edison

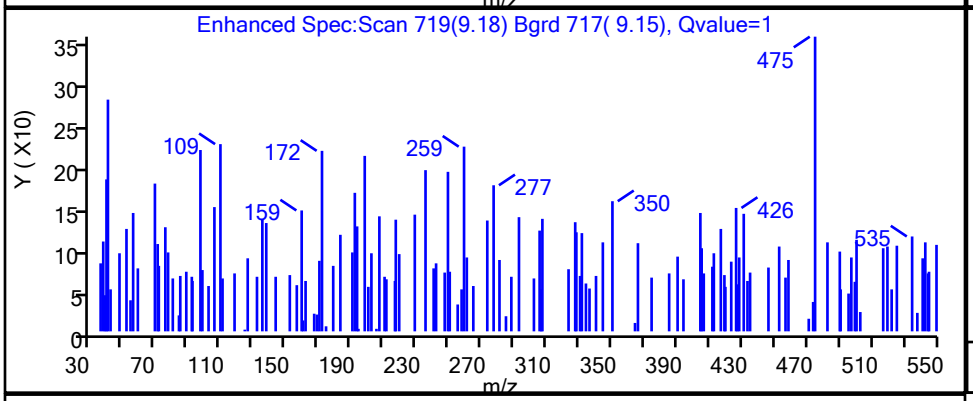
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D				
Injection Date:	20-Feb-2025 12:52:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

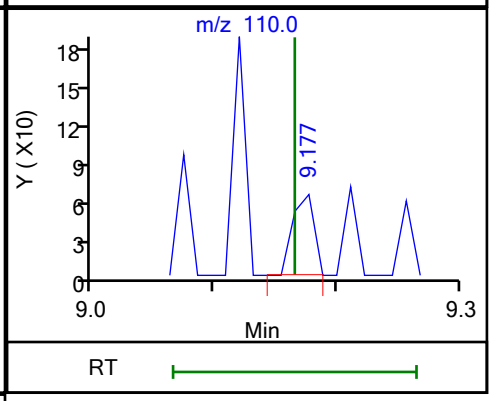
108 1,2,3-Trichloropropane, CAS: 96-18-4

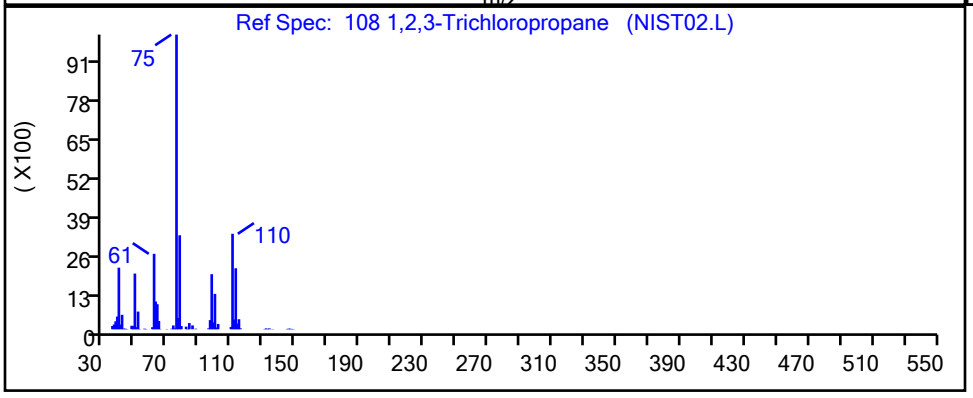
Processing Results











RT	Mass	Response	Amount
9.18	75.00	224	0.078425
9.18	110.00	77	

Reviewer: KG2Q, 21-Feb-2025 08:45:19 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

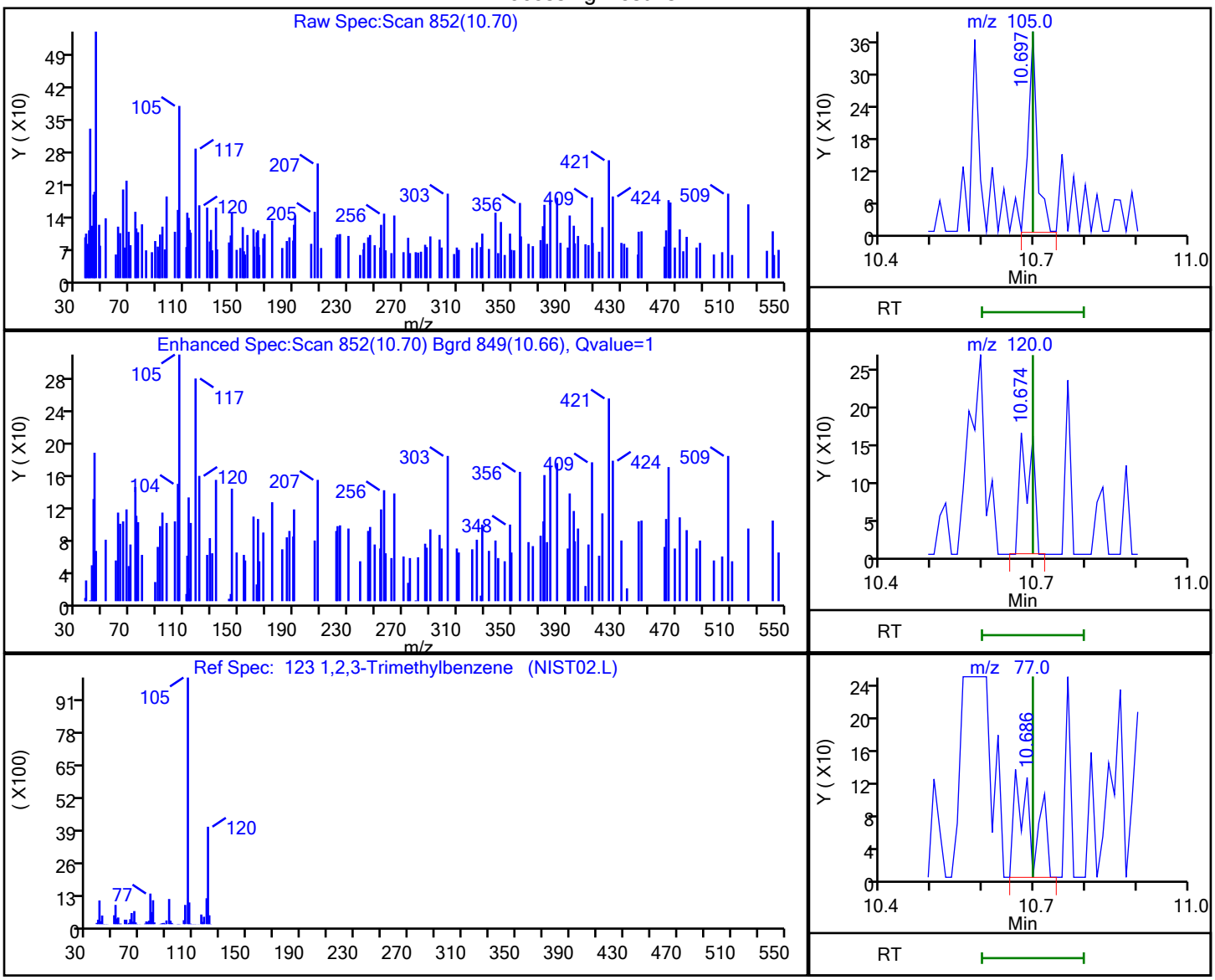
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.70	105.00	438	0.026816
10.67	120.00	264	
10.69	77.00	336	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

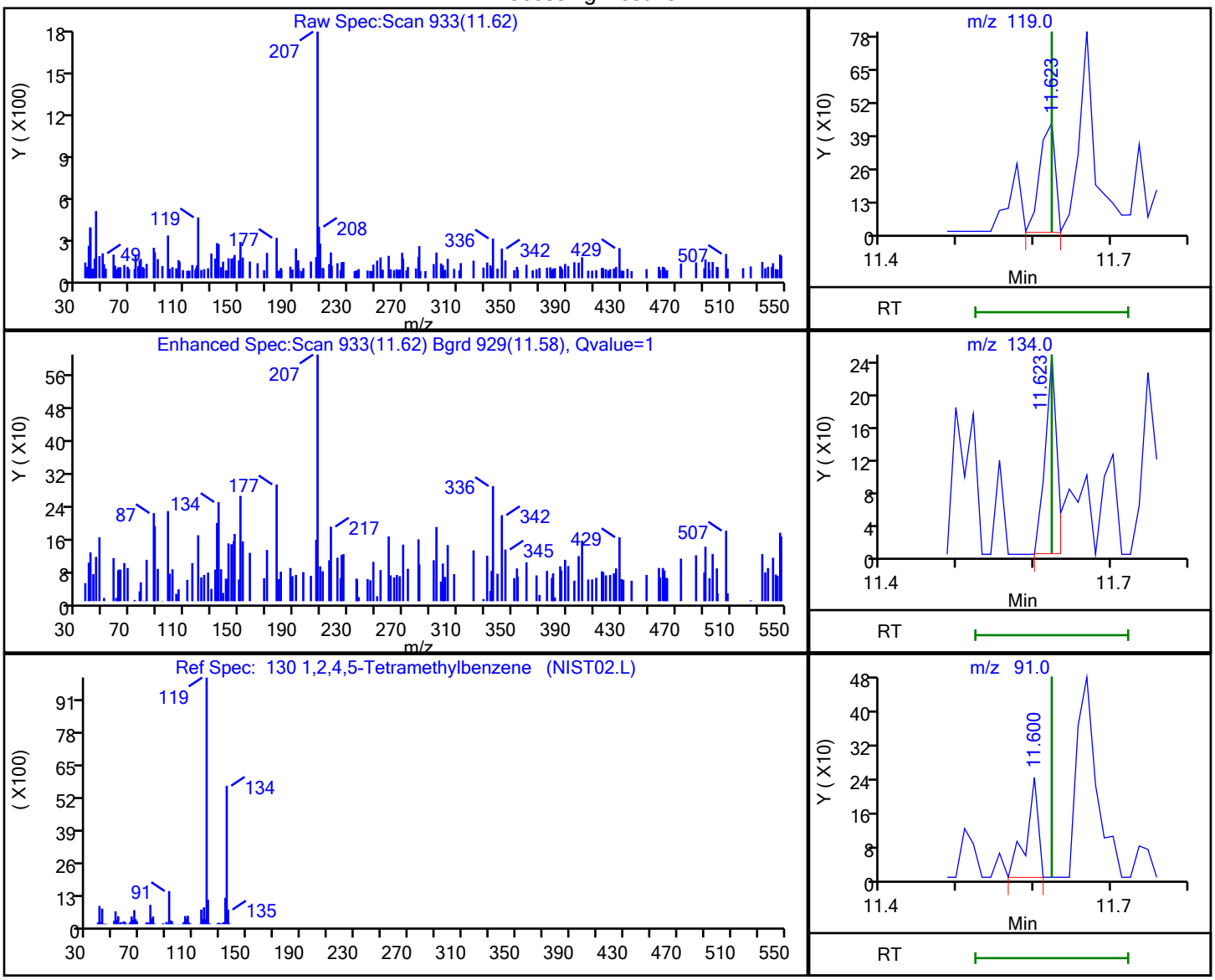
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.62	119.00	597	0.038337
11.62	134.00	261	
11.60	91.00	255	

Reviewer: KG2Q, 21-Feb-2025 08:45:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

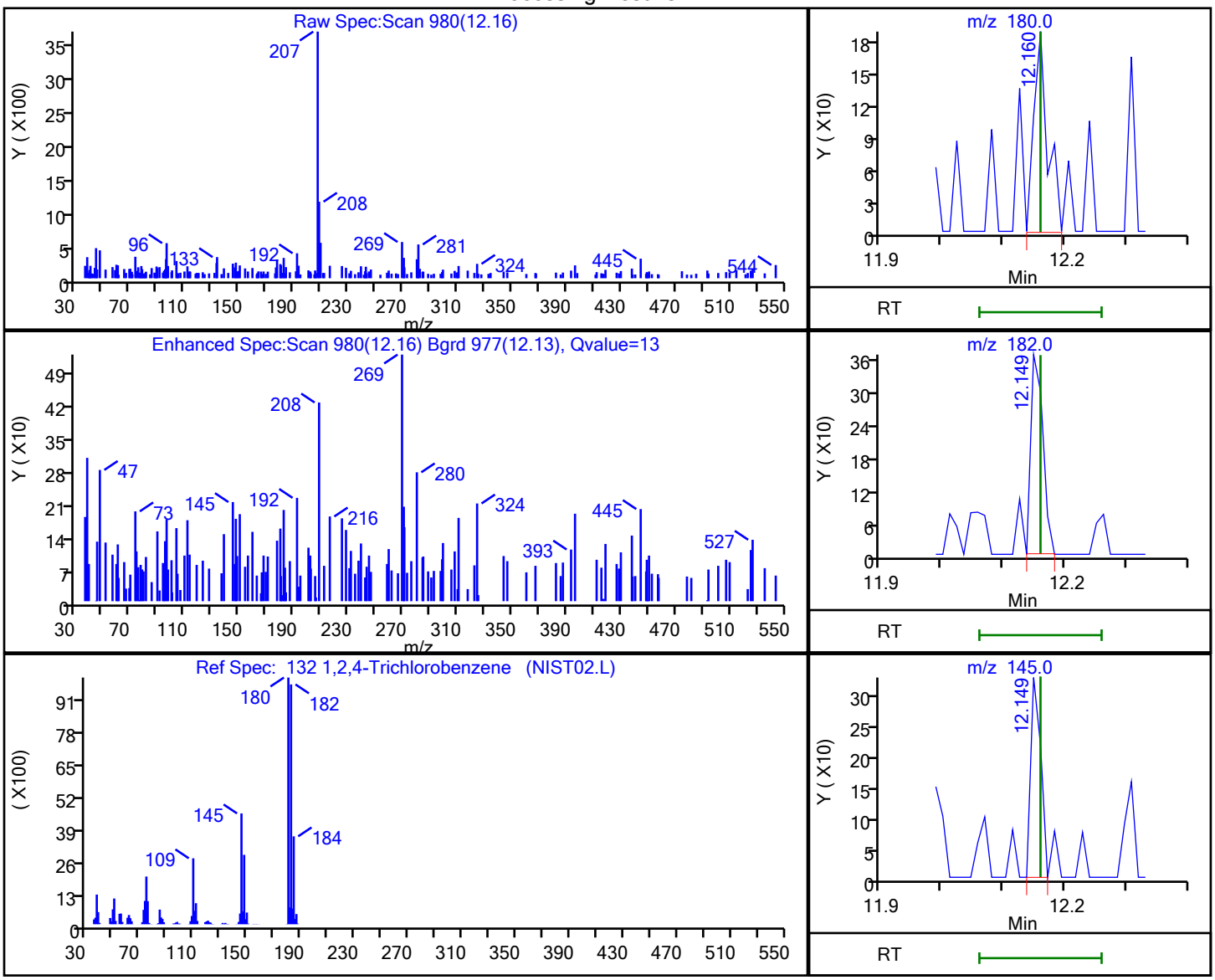
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.16	180.00	300	0.044141
12.15	182.00	502	
12.15	145.00	368	

Reviewer: KG2Q, 21-Feb-2025 08:45:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

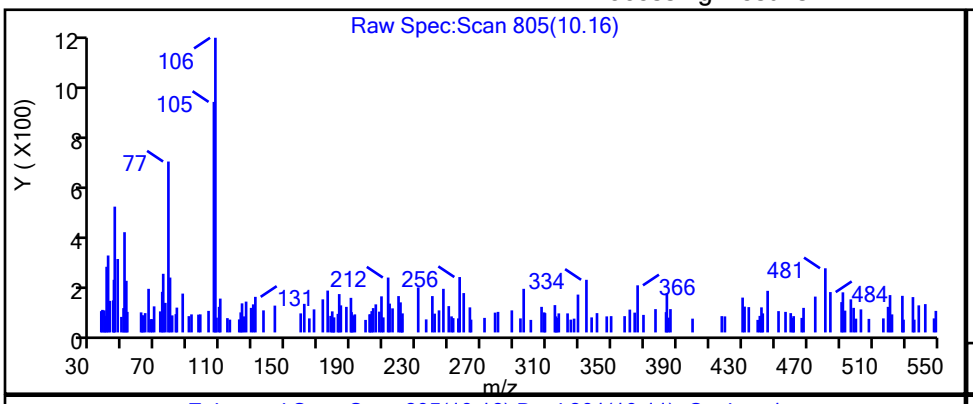
User Disabled Compound Report

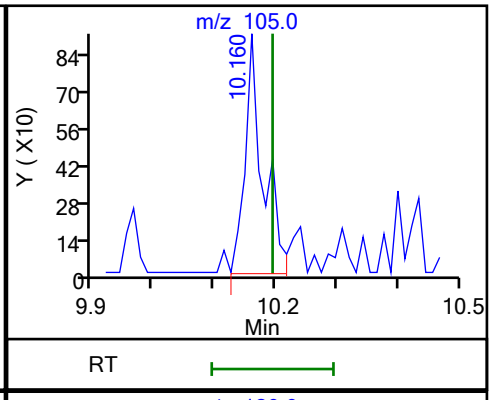
Eurofins Edison

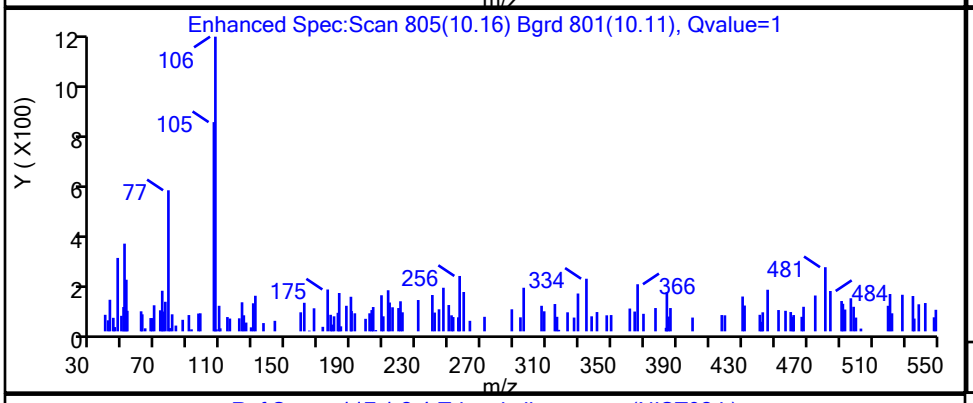
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

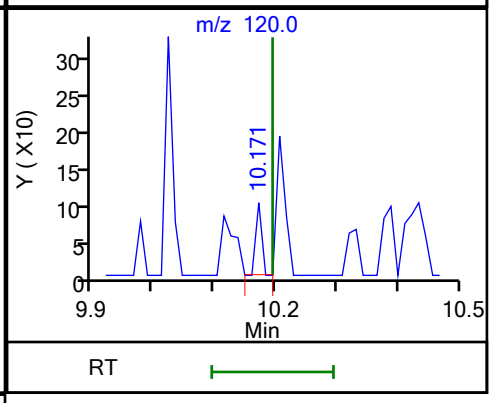
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

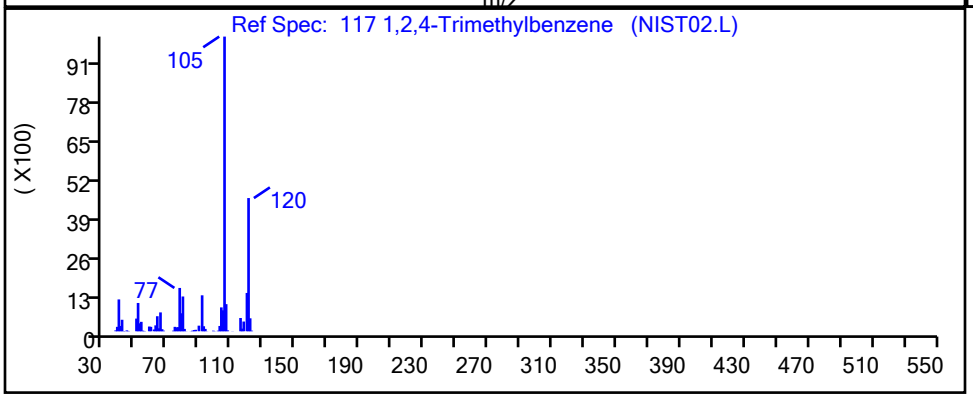
Processing Results











RT	Mass	Response	Amount
10.16	105.00	1865	0.124619
10.17	120.00	67	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

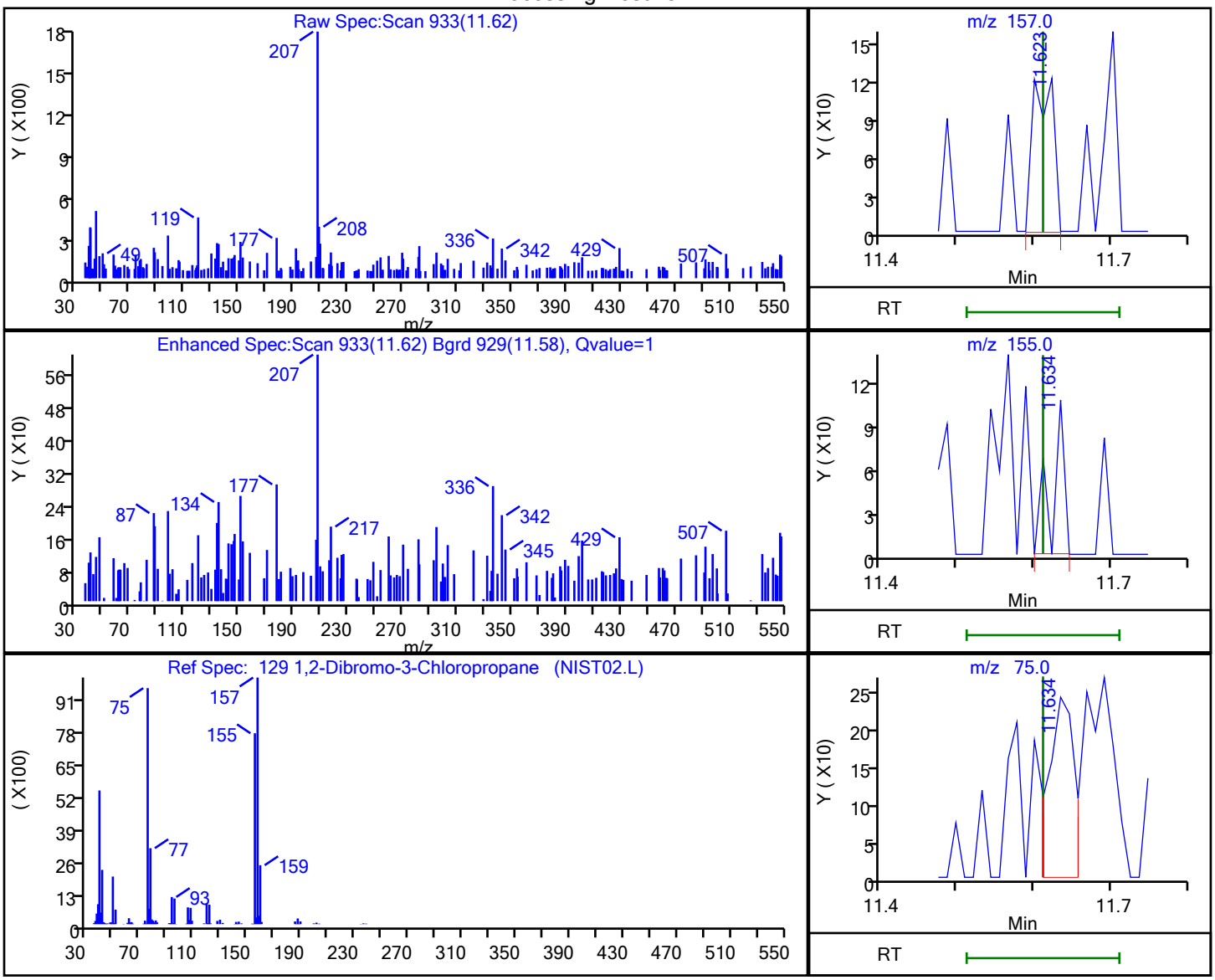
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

129 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
11.62	157.00	221	0.231980
11.63	155.00	114	
11.63	75.00	561	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

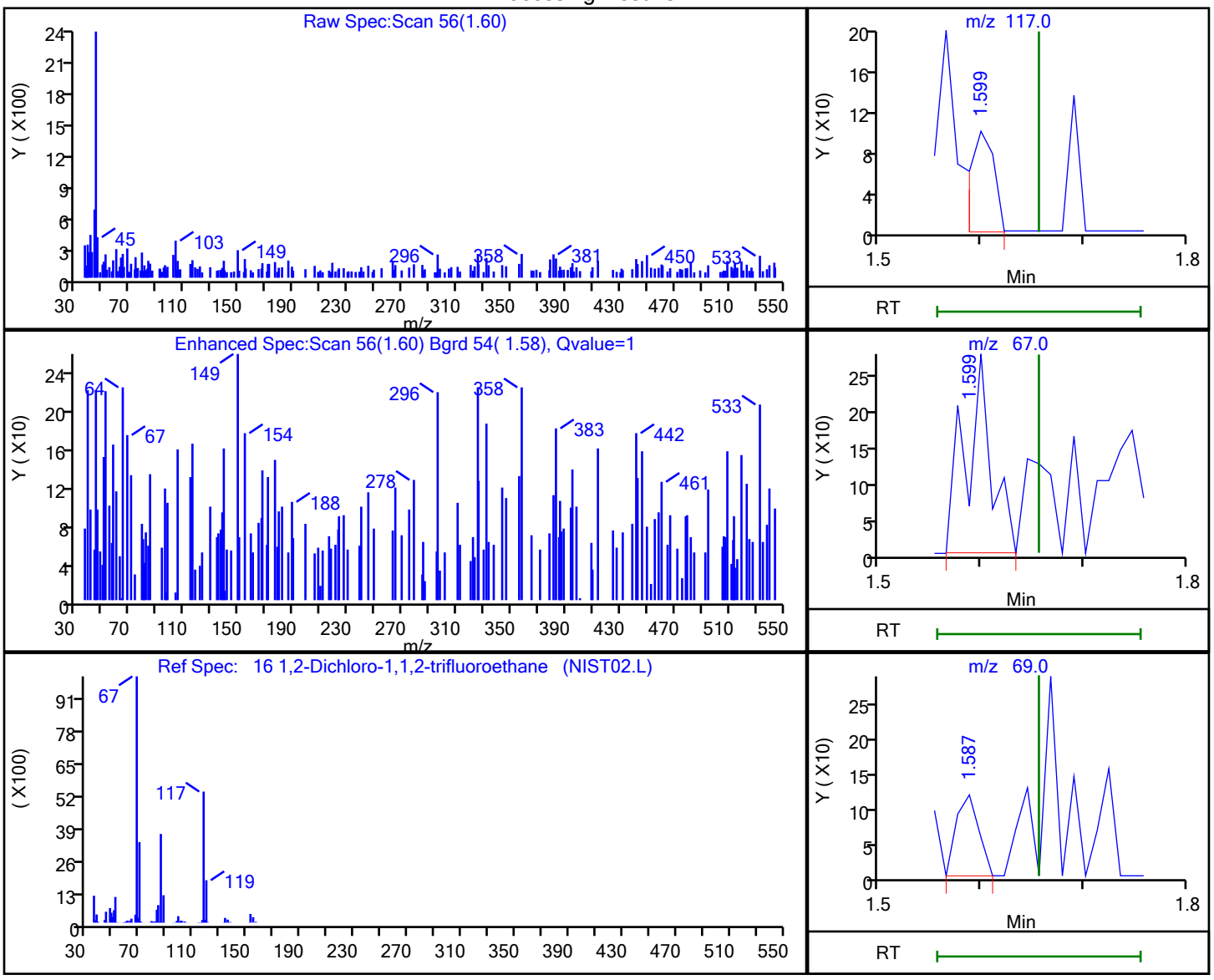
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
1.60	117.00	158	0.035305
1.60	67.00	485	
1.59	69.00	175	
1.60	119.00	114	

Reviewer: KG2Q, 21-Feb-2025 08:43:59 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

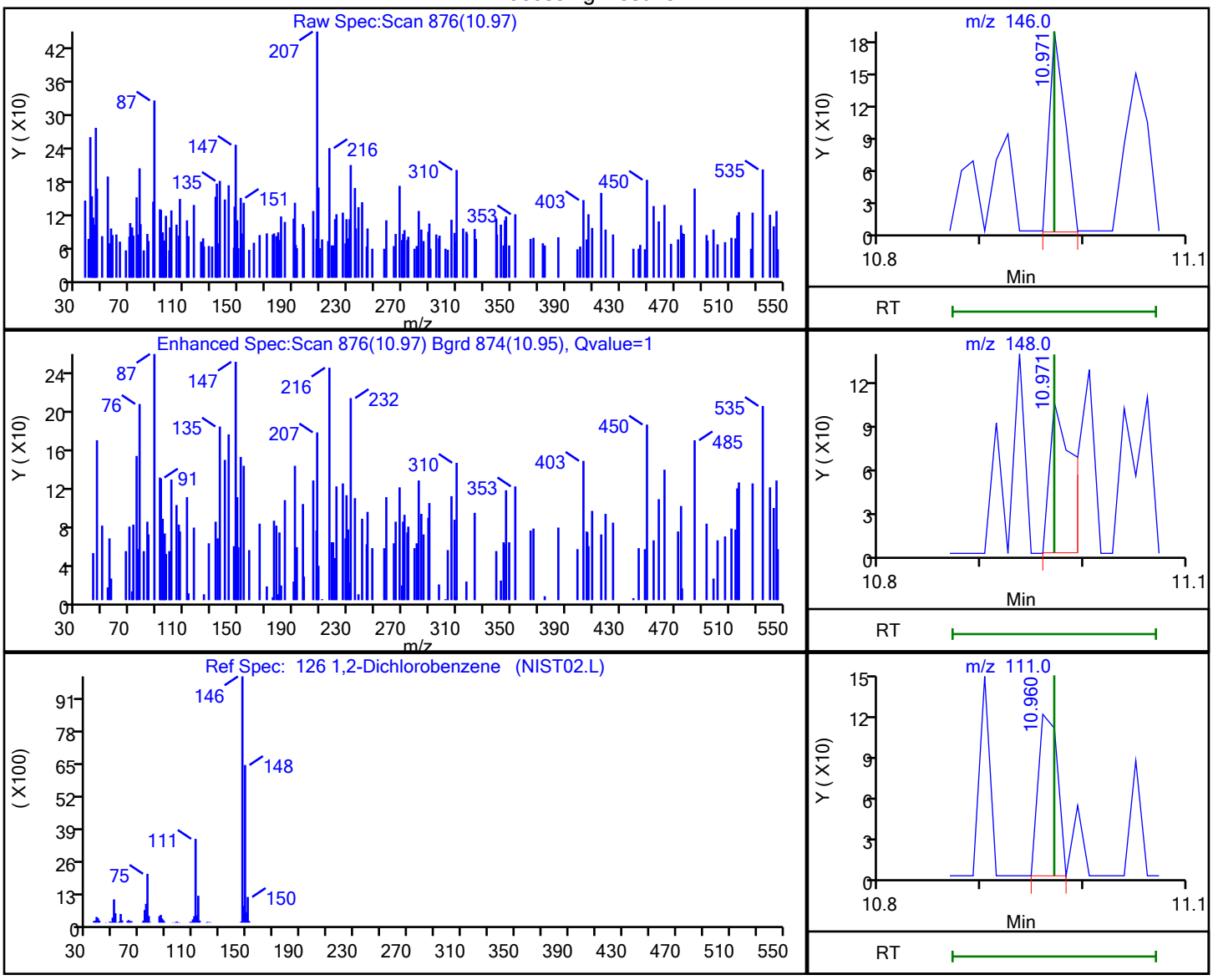
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

126 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.97	146.00	194	0.022163
10.97	148.00	167	
10.96	111.00	151	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

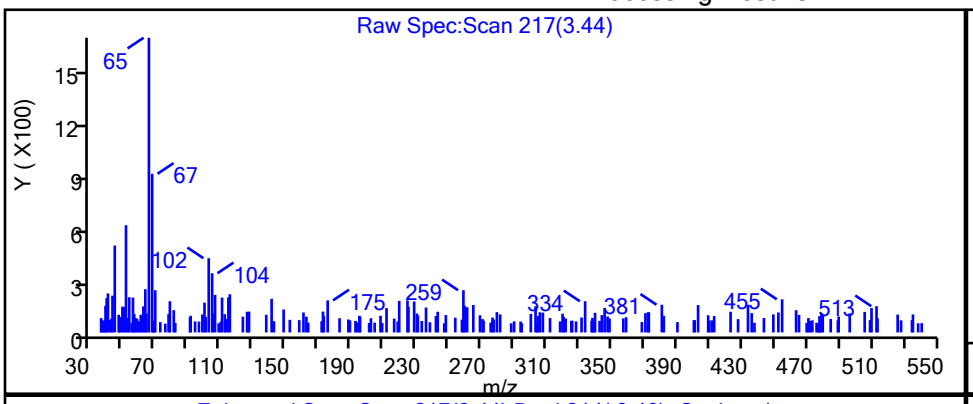
User Disabled Compound Report

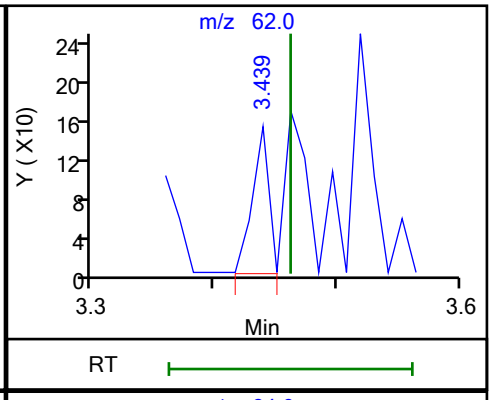
Eurofins Edison

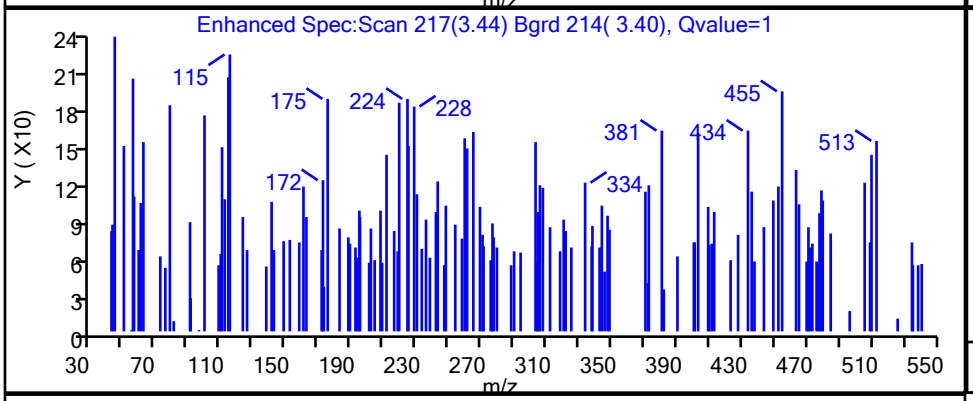
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

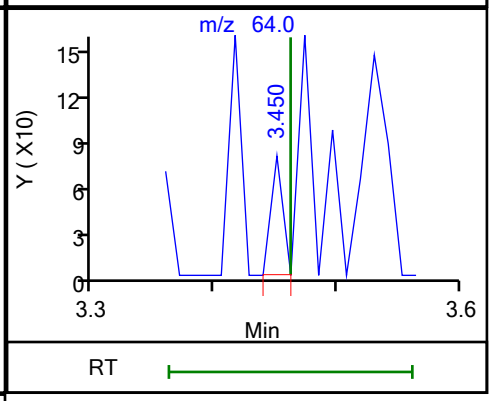
60 1,2-Dichloroethane, CAS: 107-06-2

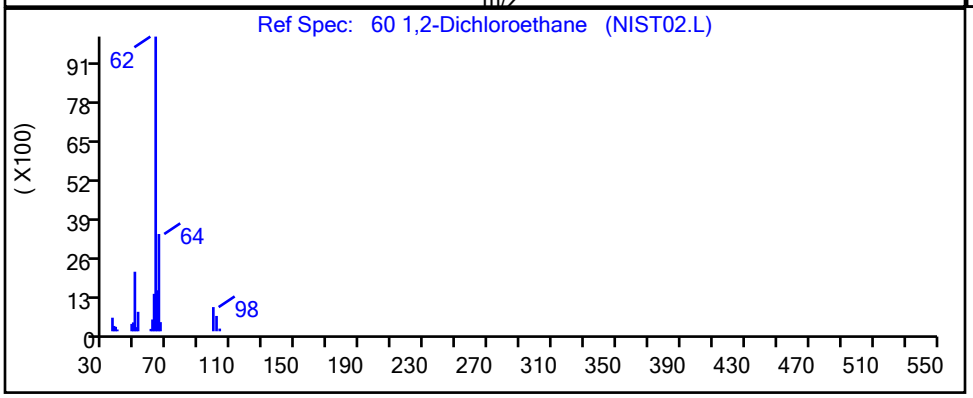
Processing Results











RT	Mass	Response	Amount
3.44	62.00	139	0.034155
3.45	64.00	53	

Reviewer: KG2Q, 21-Feb-2025 08:44:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

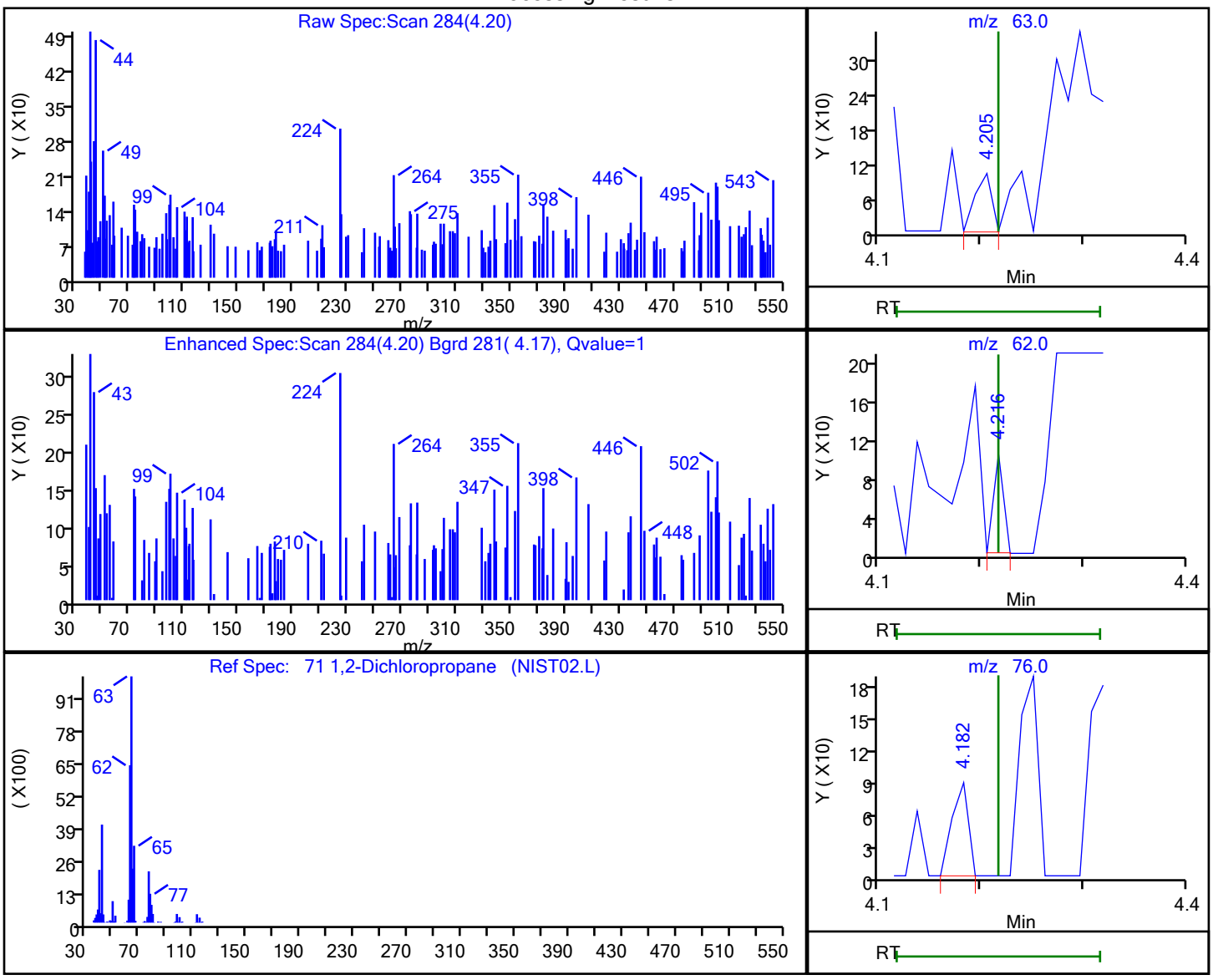
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
4.20	63.00	113	0.034161
4.22	62.00	71	
4.18	76.00	95	
4.22	112.00	208	

Reviewer: KG2Q, 21-Feb-2025 08:44:46 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

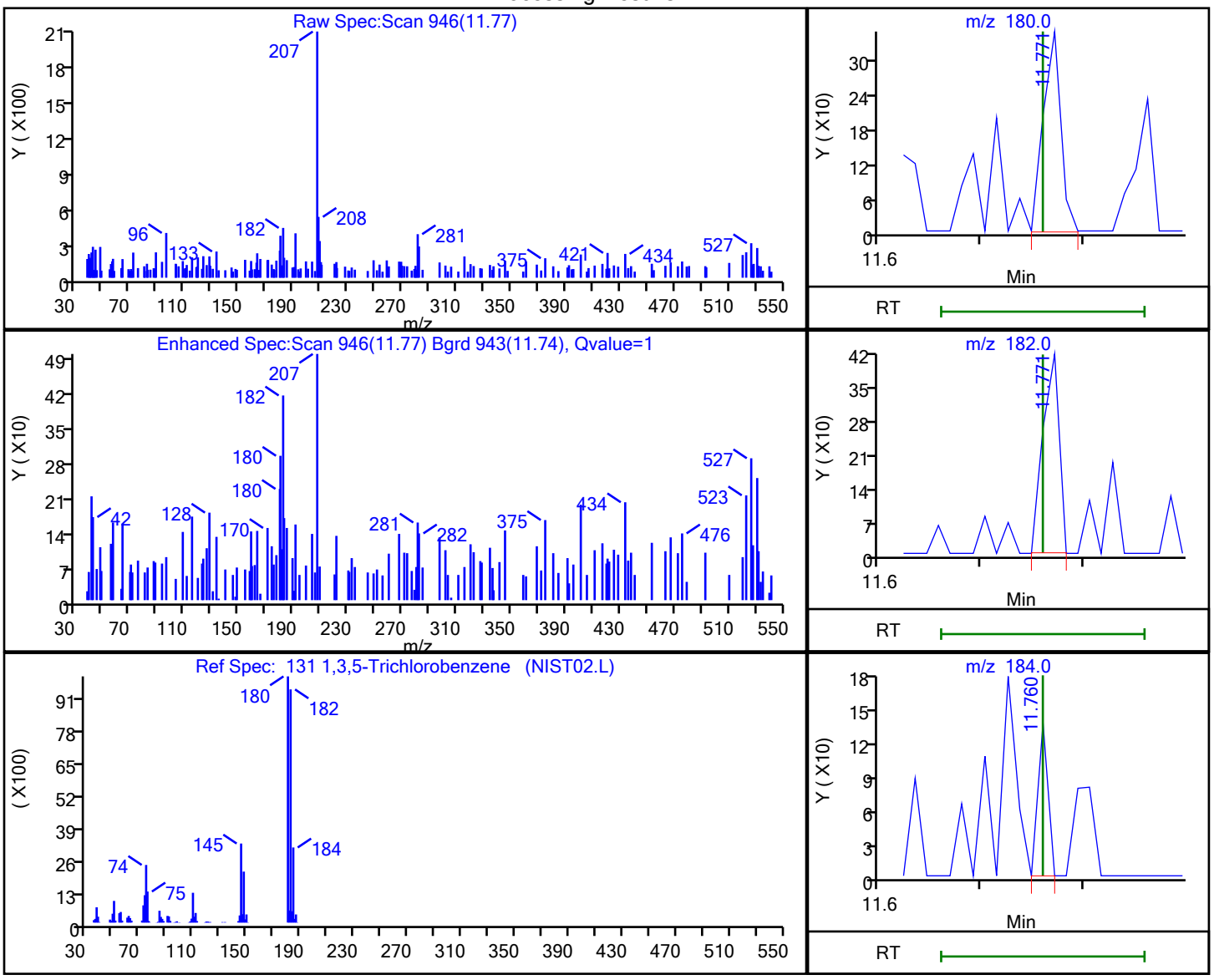
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
11.77	180.00	416	0.056053
11.77	182.00	462	
11.76	184.00	95	

Reviewer: KG2Q, 21-Feb-2025 08:45:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

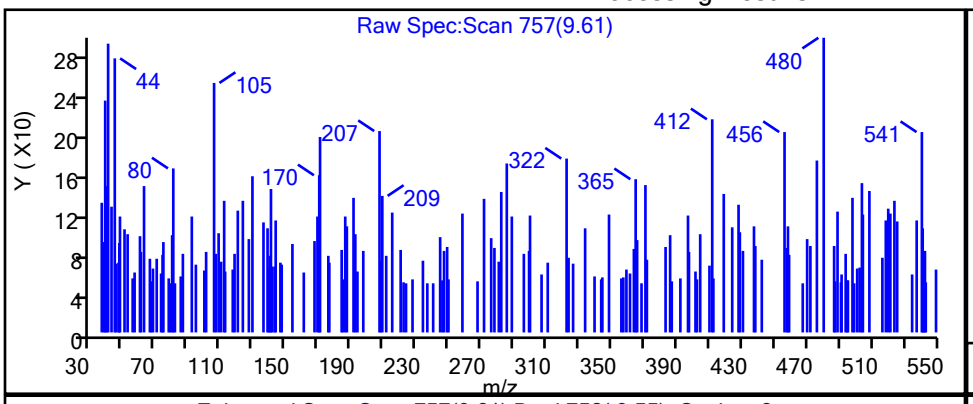
User Disabled Compound Report

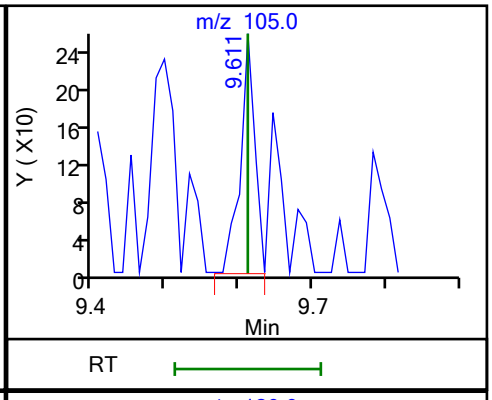
Eurofins Edison

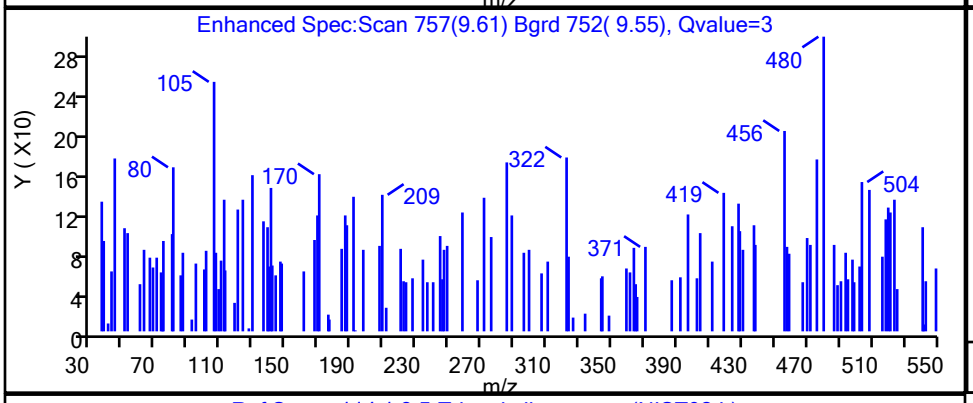
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

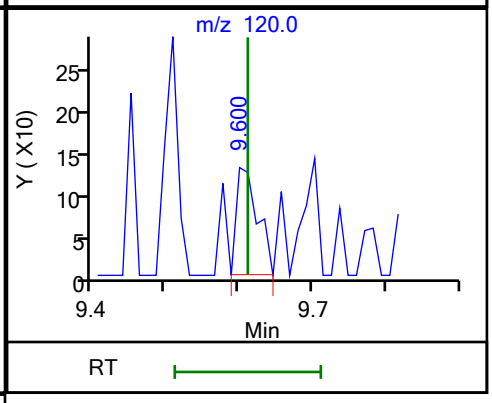
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

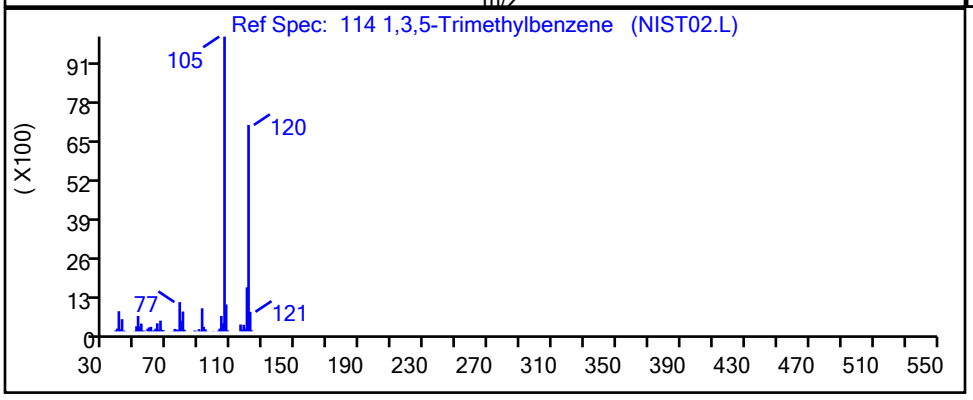
Processing Results











RT	Mass	Response	Amount
9.61	105.00	347	0.024997
9.60	120.00	263	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

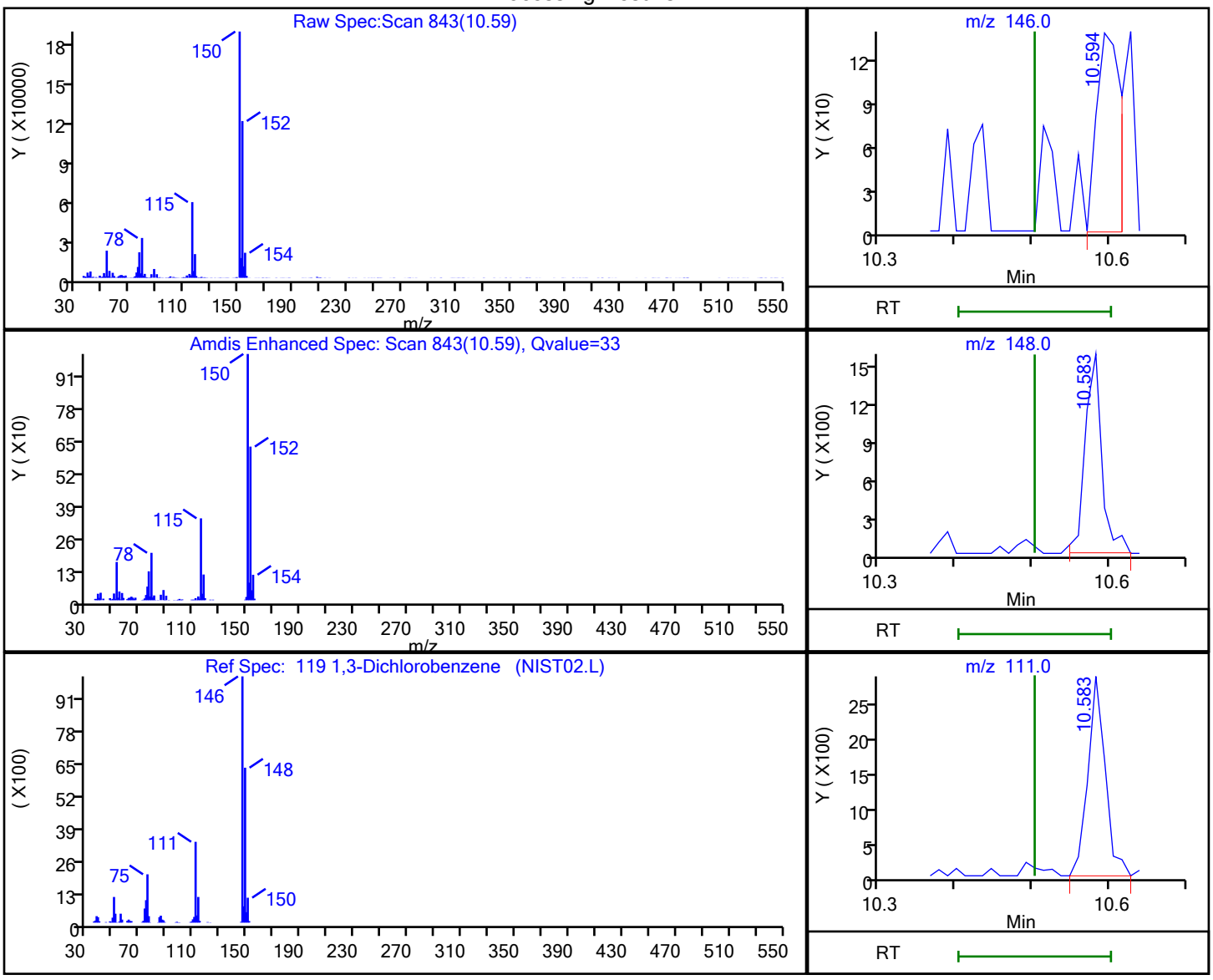
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.59	146.00	290	0.034517
10.58	148.00	2359	
10.58	111.00	4556	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

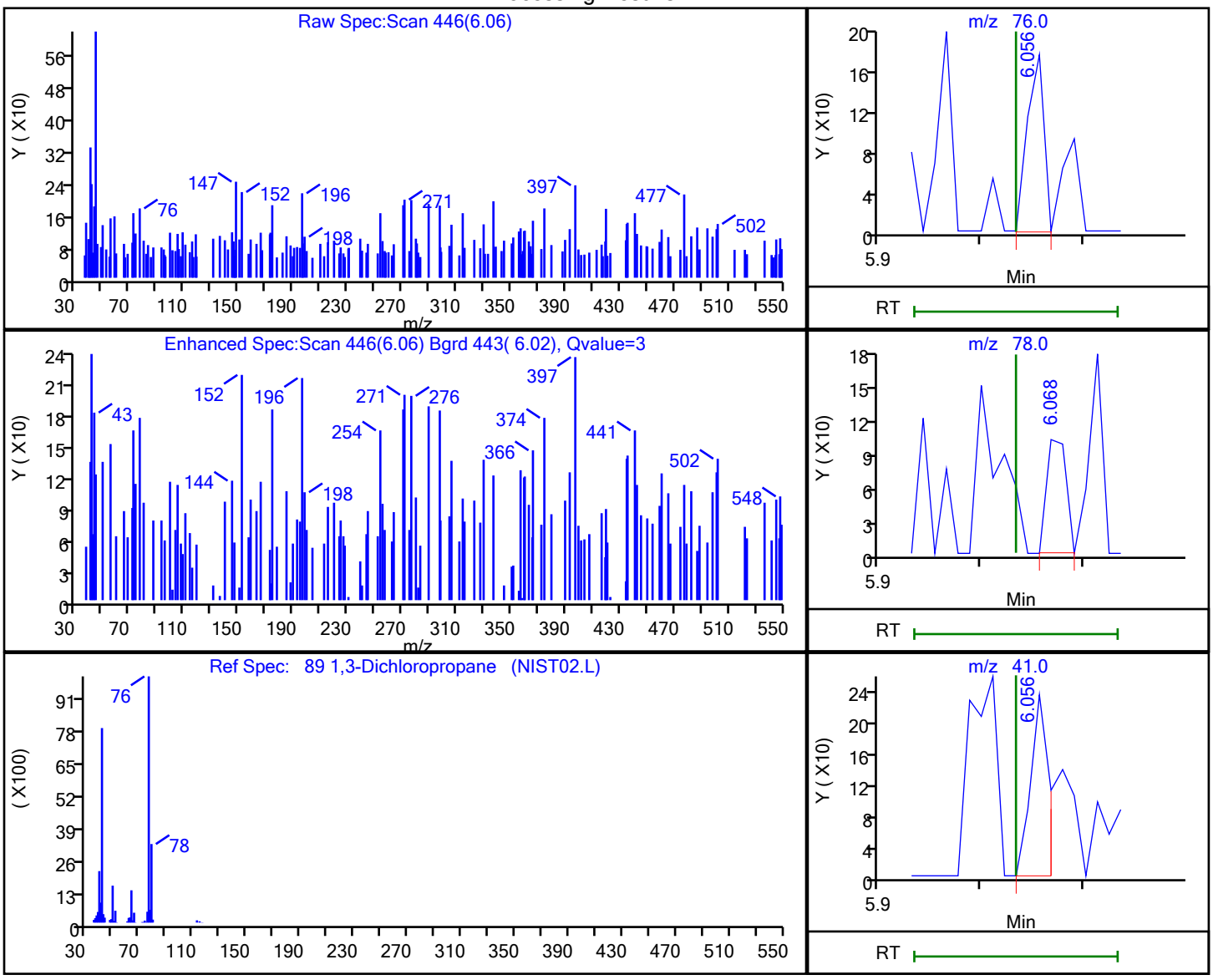
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D				
Injection Date:	20-Feb-2025 12:52:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
6.06	76.00	197	0.041914
6.07	78.00	136	
6.06	41.00	296	

Reviewer: KG2Q, 21-Feb-2025 08:45:03 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

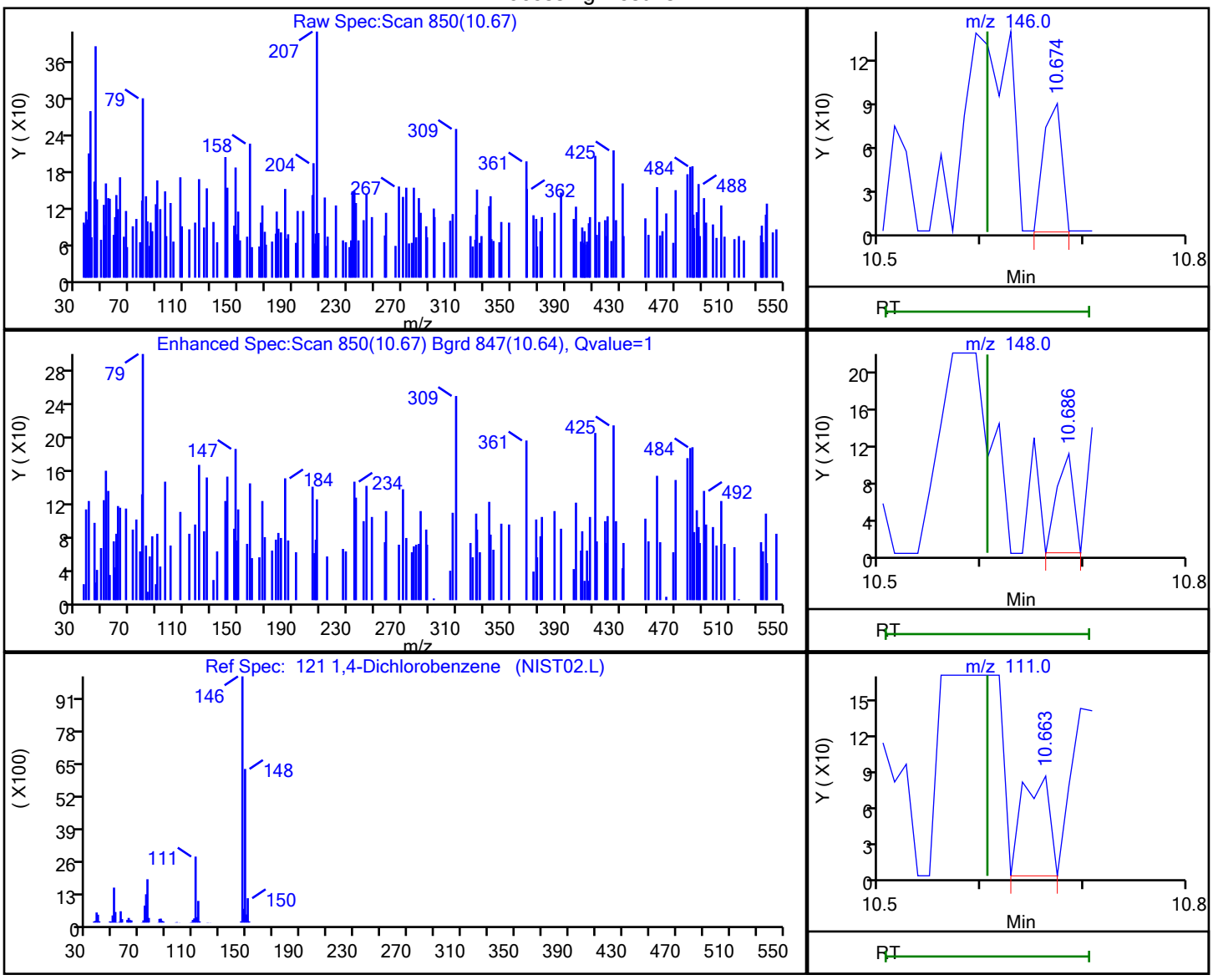
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D				
Injection Date:	20-Feb-2025 12:52:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

121 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.67	146.00	106	0.011496
10.69	148.00	121	
10.66	111.00	156	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

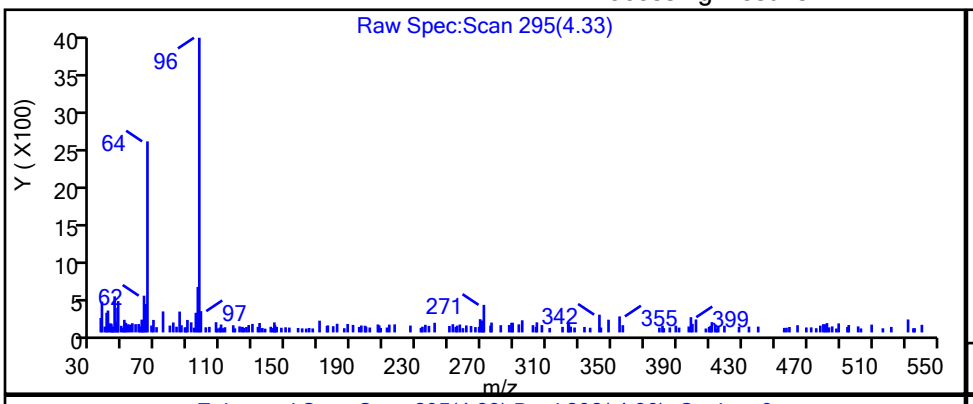
User Disabled Compound Report

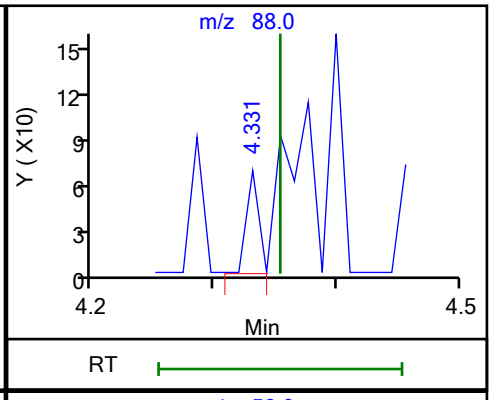
Eurofins Edison

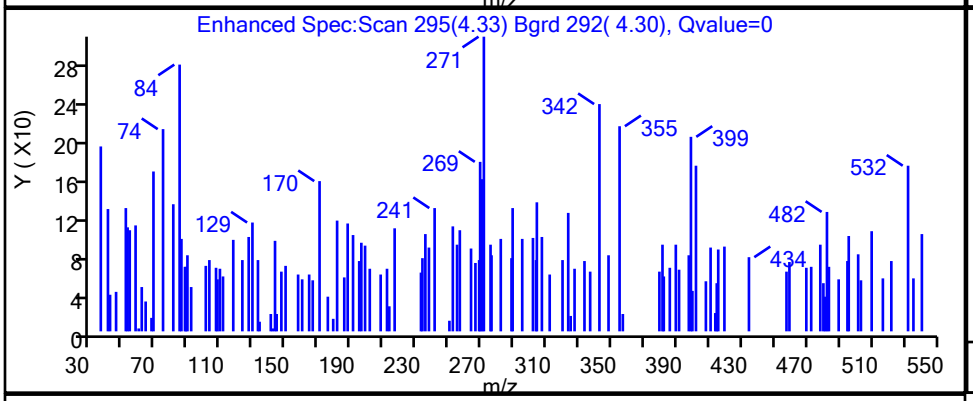
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

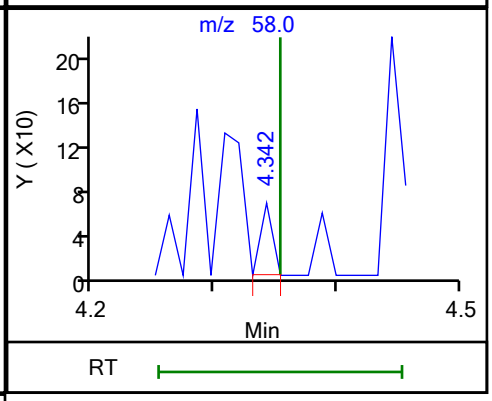
74 1,4-Dioxane, CAS: 123-91-1

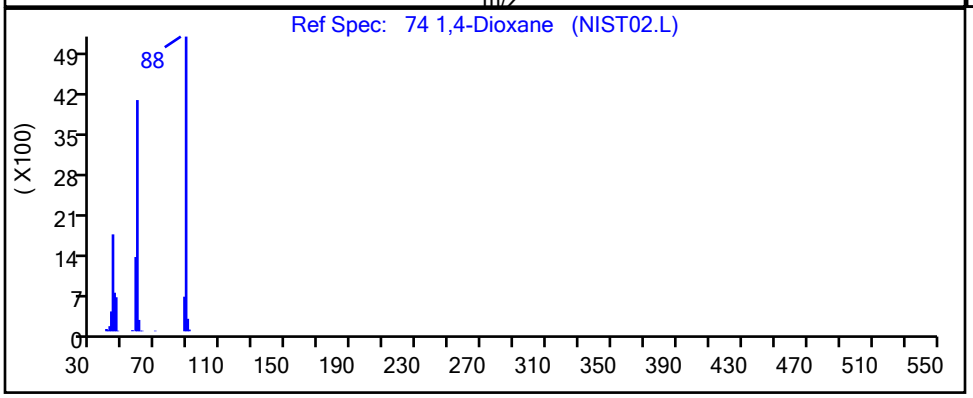
Processing Results











RT	Mass	Response	Amount
4.33	88.00	46	2.137390
4.34	58.00	45	

Reviewer: KG2Q, 21-Feb-2025 08:44:48 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

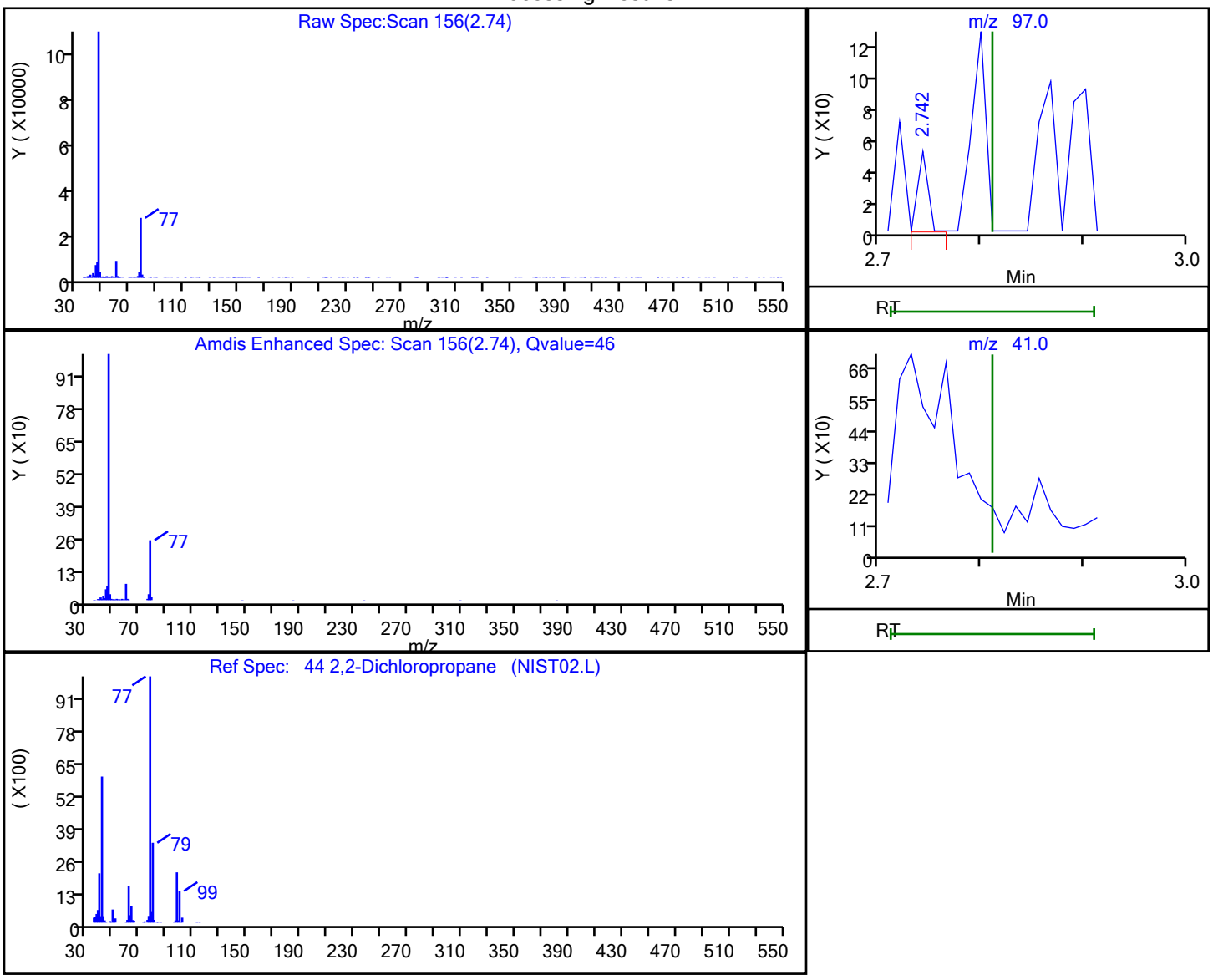
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
2.74	97.00	35	0.024152
2.73	41.00	1794	

Reviewer: KG2Q, 21-Feb-2025 08:44:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

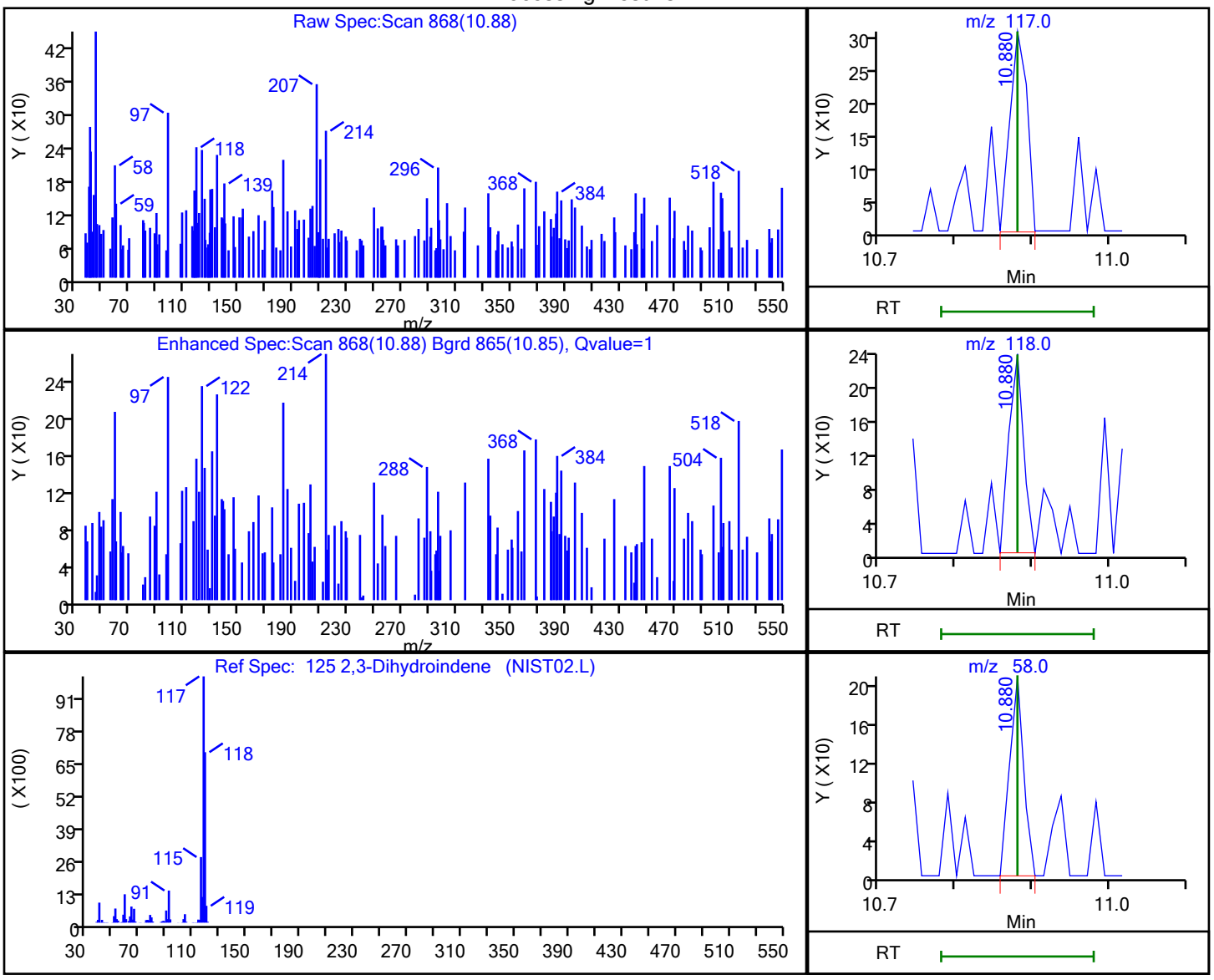
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

125 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
10.88	117.00	477	0.032719
10.88	118.00	319	
10.88	58.00	262	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

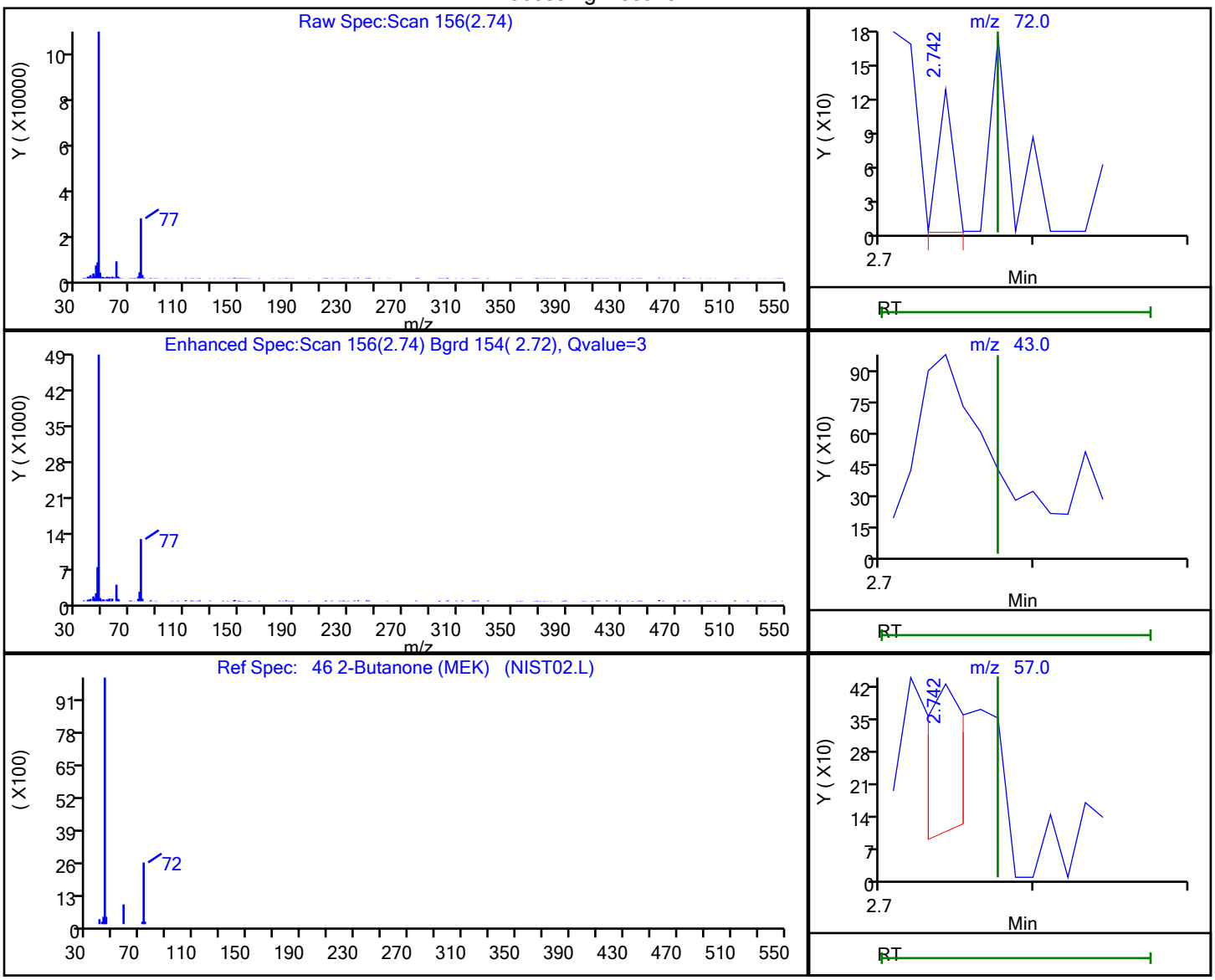
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
2.74	72.00	86	0.247922
2.74	43.00	3542	
2.74	57.00	566	

Reviewer: KG2Q, 21-Feb-2025 08:44:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

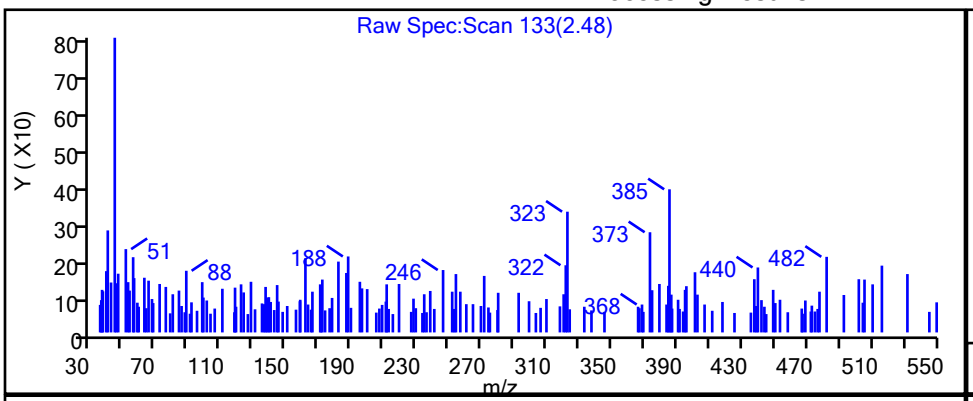
User Disabled Compound Report

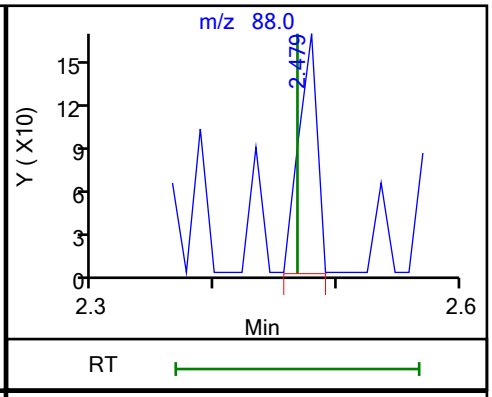
Eurofins Edison

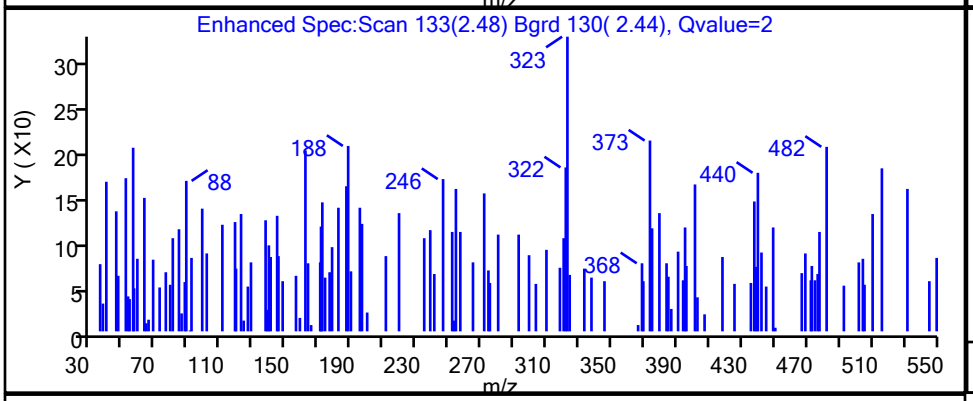
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

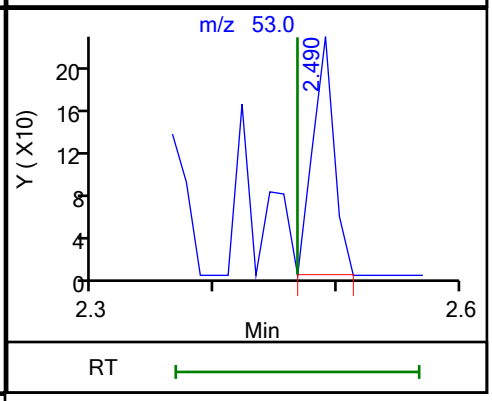
40 2-Chloro-1,3-butadiene, CAS: 126-99-8

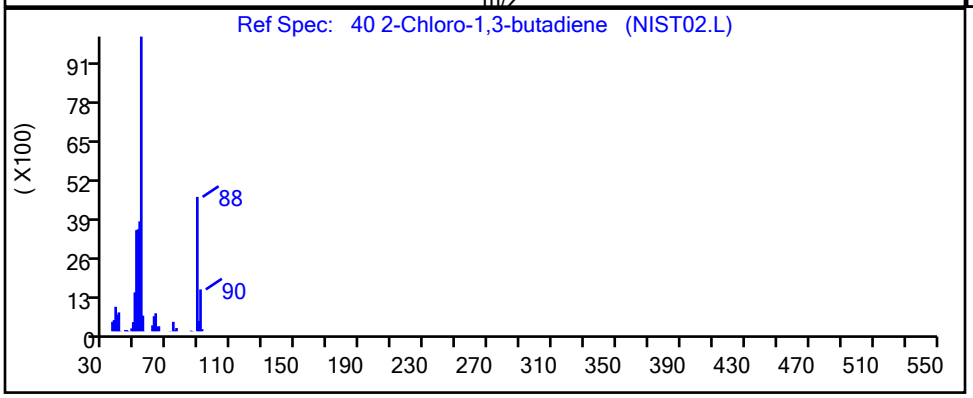
Processing Results











RT	Mass	Response	Amount
2.48	88.00	177	0.052048
2.49	53.00	269	

Reviewer: KG2Q, 21-Feb-2025 08:44:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

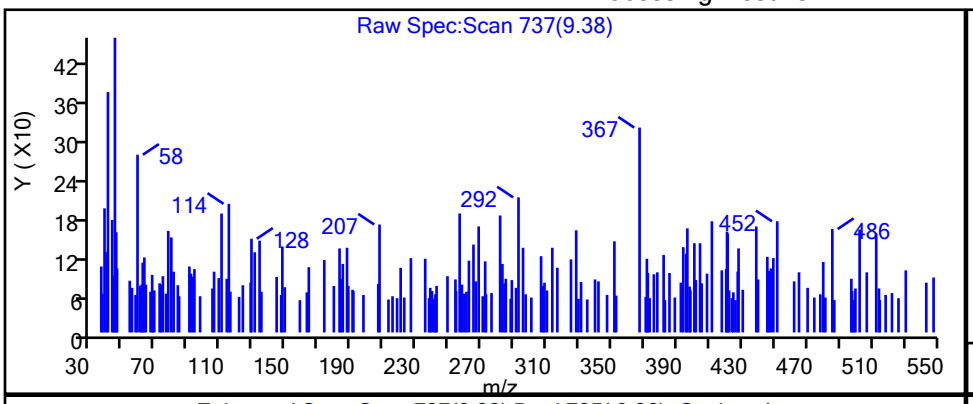
User Disabled Compound Report

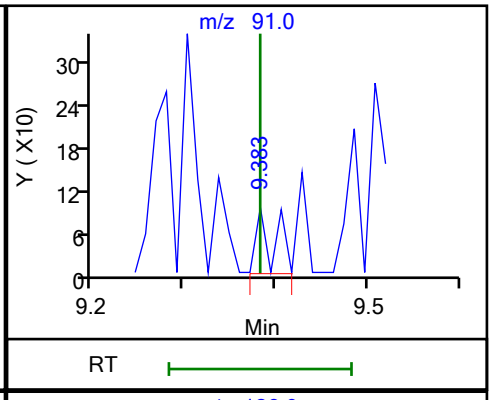
Eurofins Edison

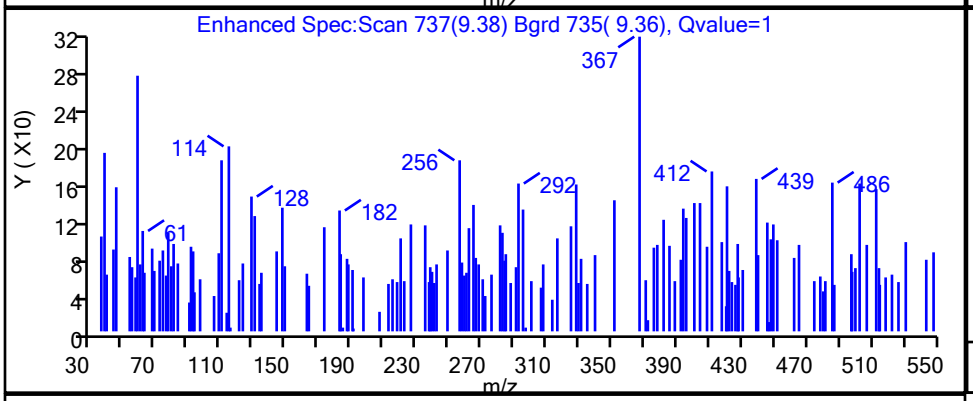
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

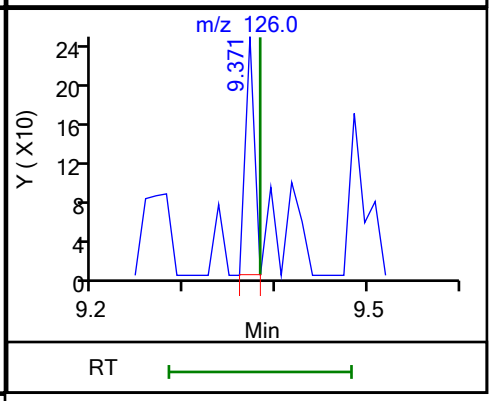
111 2-Chlorotoluene, CAS: 95-49-8

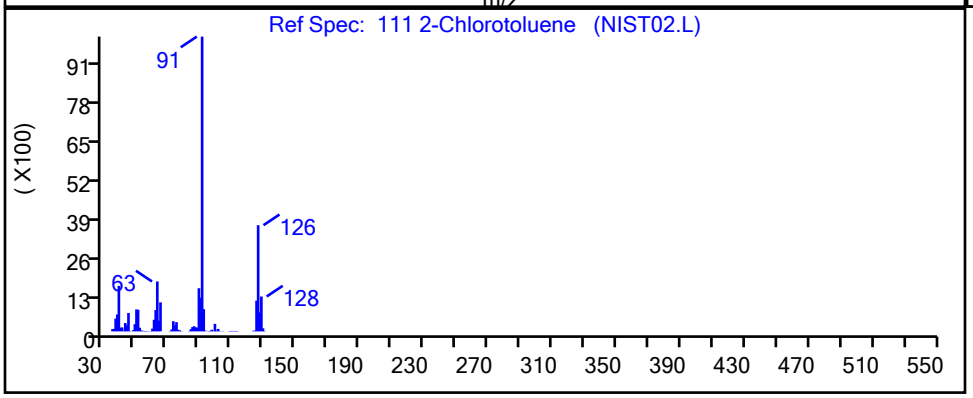
Processing Results











RT	Mass	Response	Amount
9.38	91.00	123	0.010990
9.37	126.00	171	

Reviewer: KG2Q, 21-Feb-2025 08:45:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

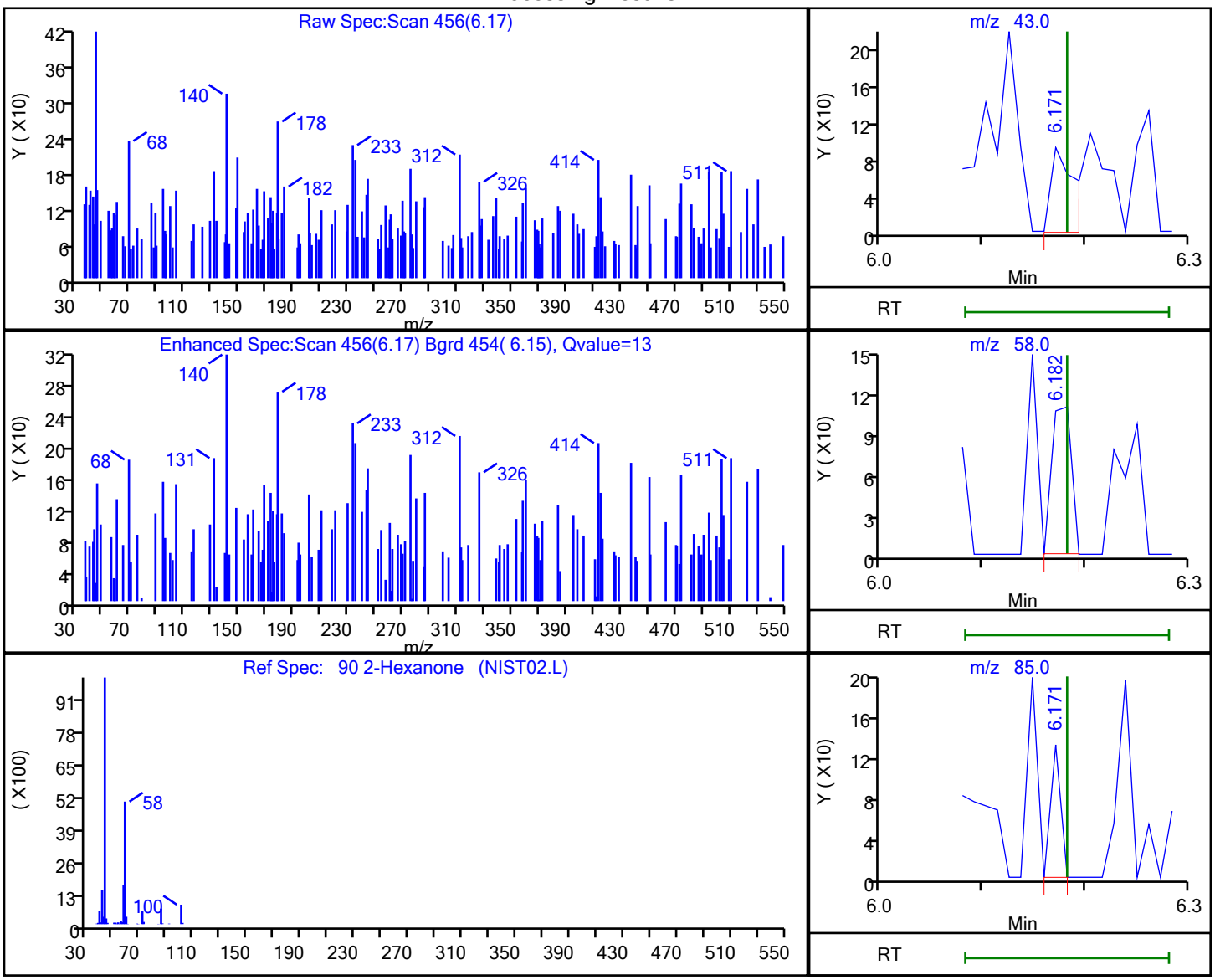
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

90 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
6.17	43.00	143	0.081715
6.18	58.00	149	
6.17	85.00	88	
6.19	100.00	203	

Reviewer: KG2Q, 21-Feb-2025 08:45:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

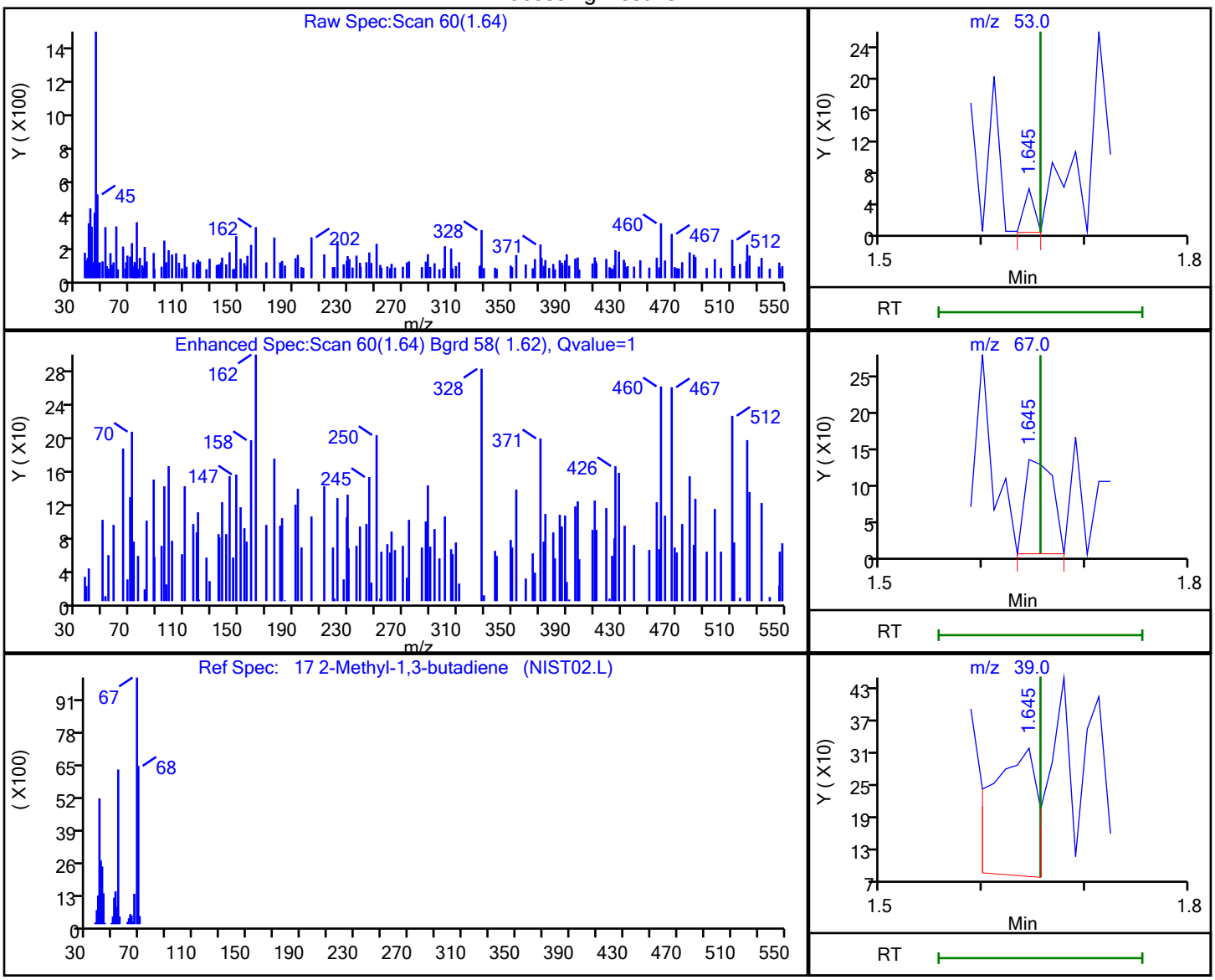
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D				
Injection Date:	20-Feb-2025 12:52:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.64	53.00	38	0.010957
1.64	67.00	248	
1.64	39.00	754	

Reviewer: KG2Q, 21-Feb-2025 08:43:59 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

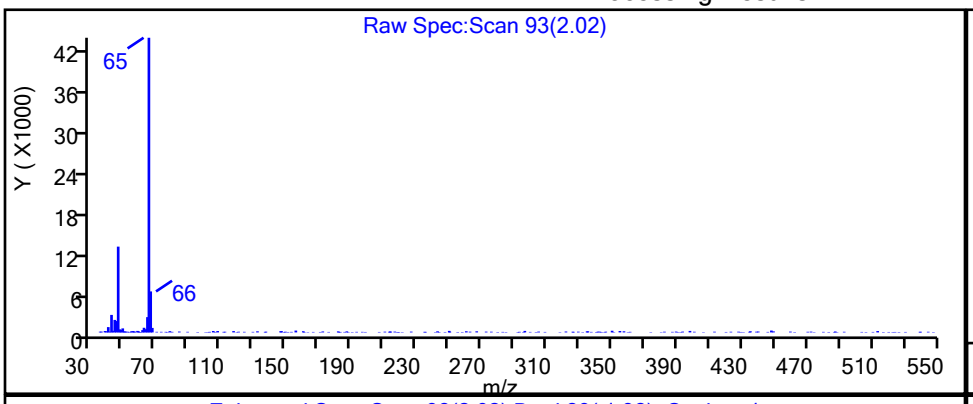
User Disabled Compound Report

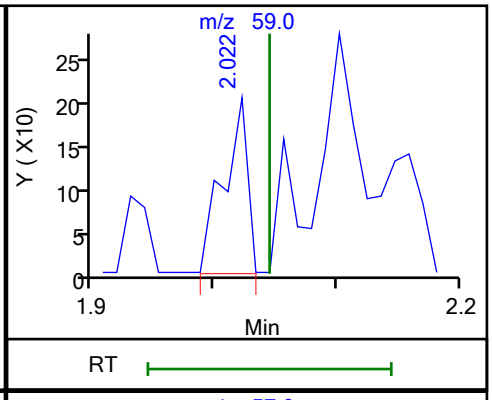
Eurofins Edison

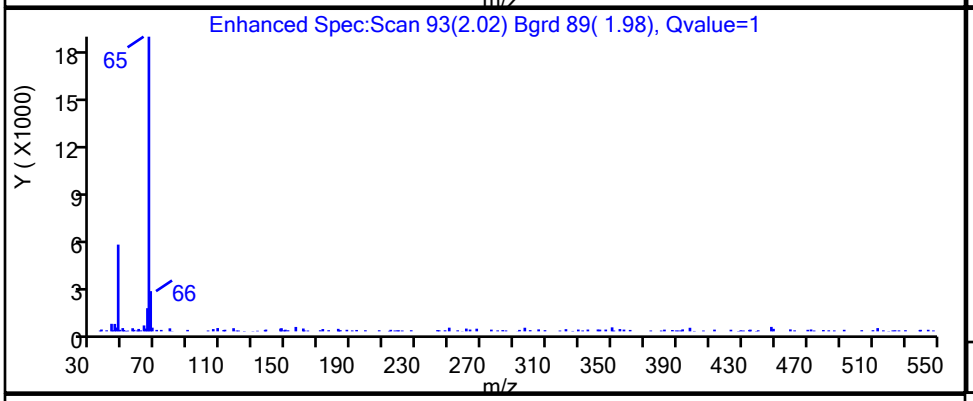
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

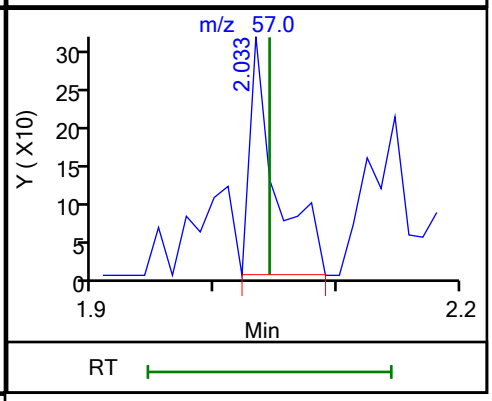
32 2-Methyl-2-propanol, CAS: 75-65-0

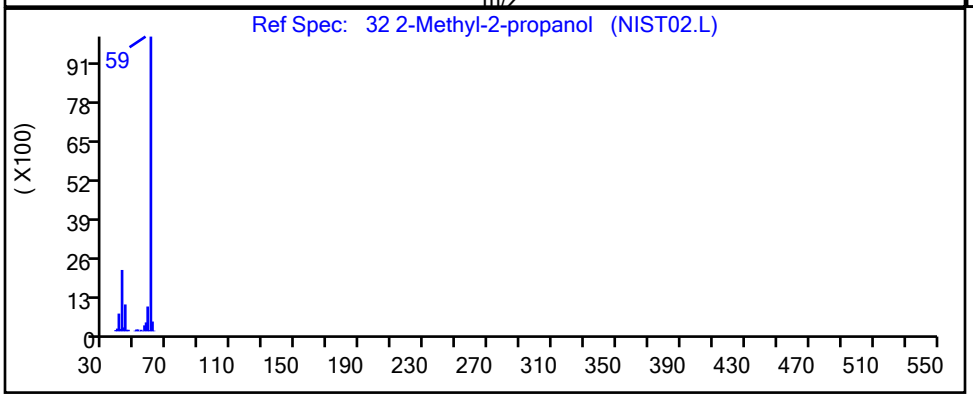
Processing Results











RT	Mass	Response	Amount
2.02	59.00	272	0.904237
2.03	57.00	477	

Reviewer: KG2Q, 21-Feb-2025 08:44:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

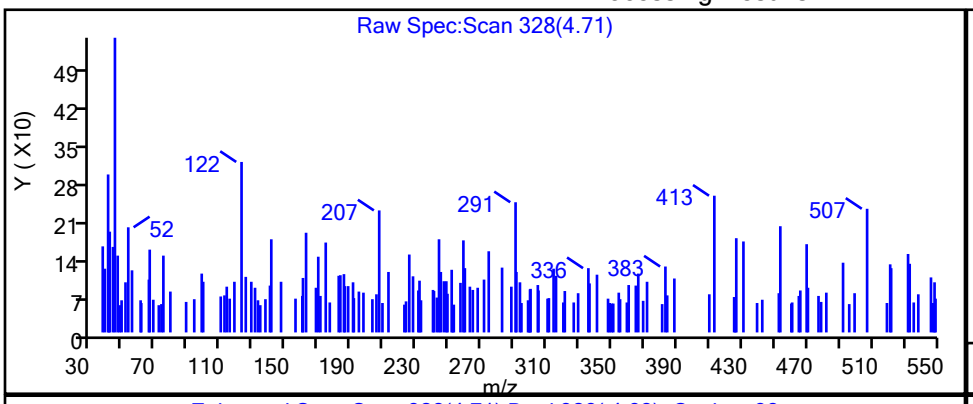
User Disabled Compound Report

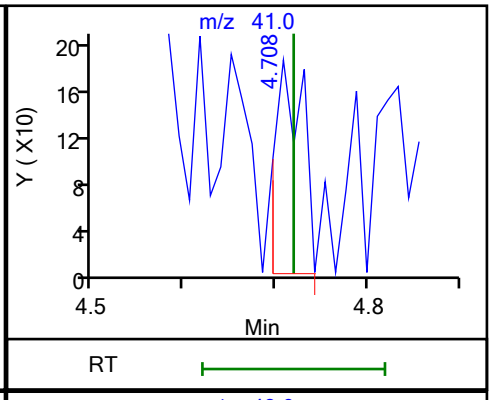
Eurofins Edison

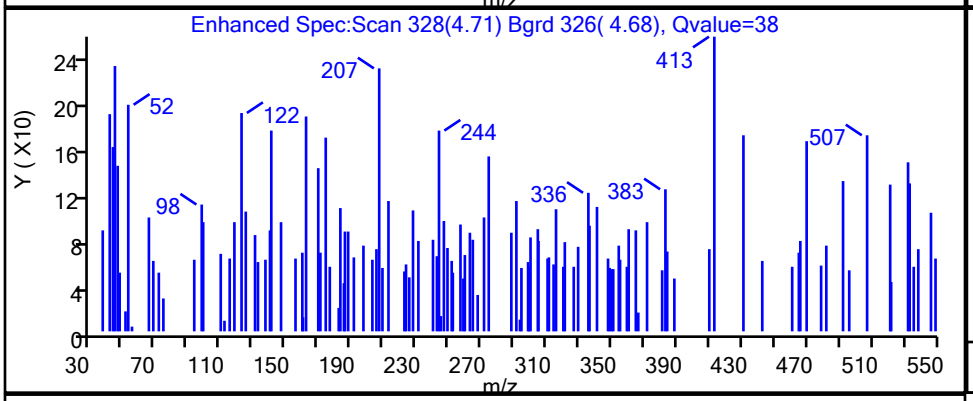
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

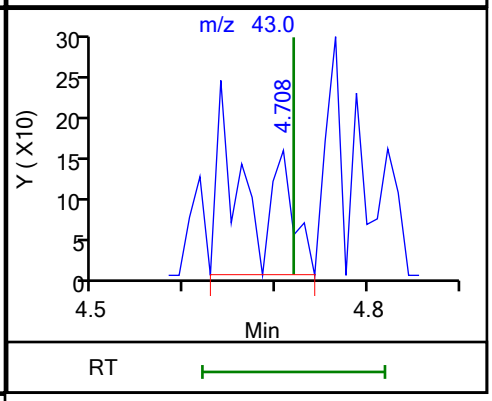
78 2-Nitropropane, CAS: 79-46-9

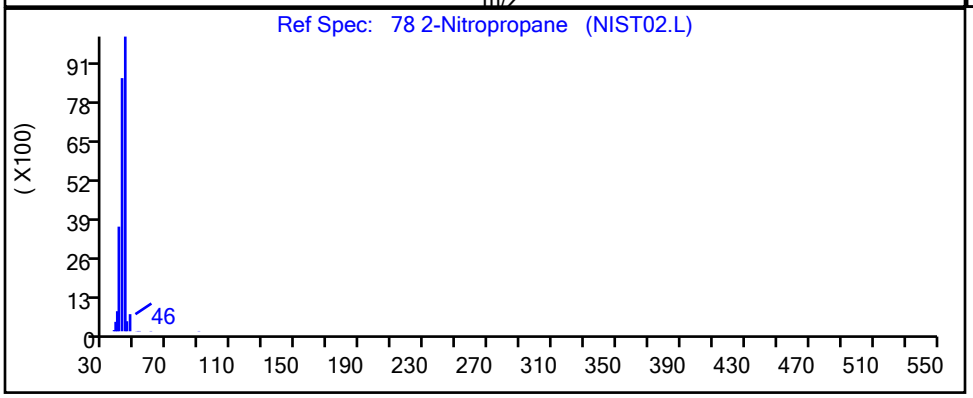
Processing Results











RT	Mass	Response	Amount
4.71	41.00	394	0.750384
4.71	43.00	645	

Reviewer: KG2Q, 21-Feb-2025 08:44:50 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

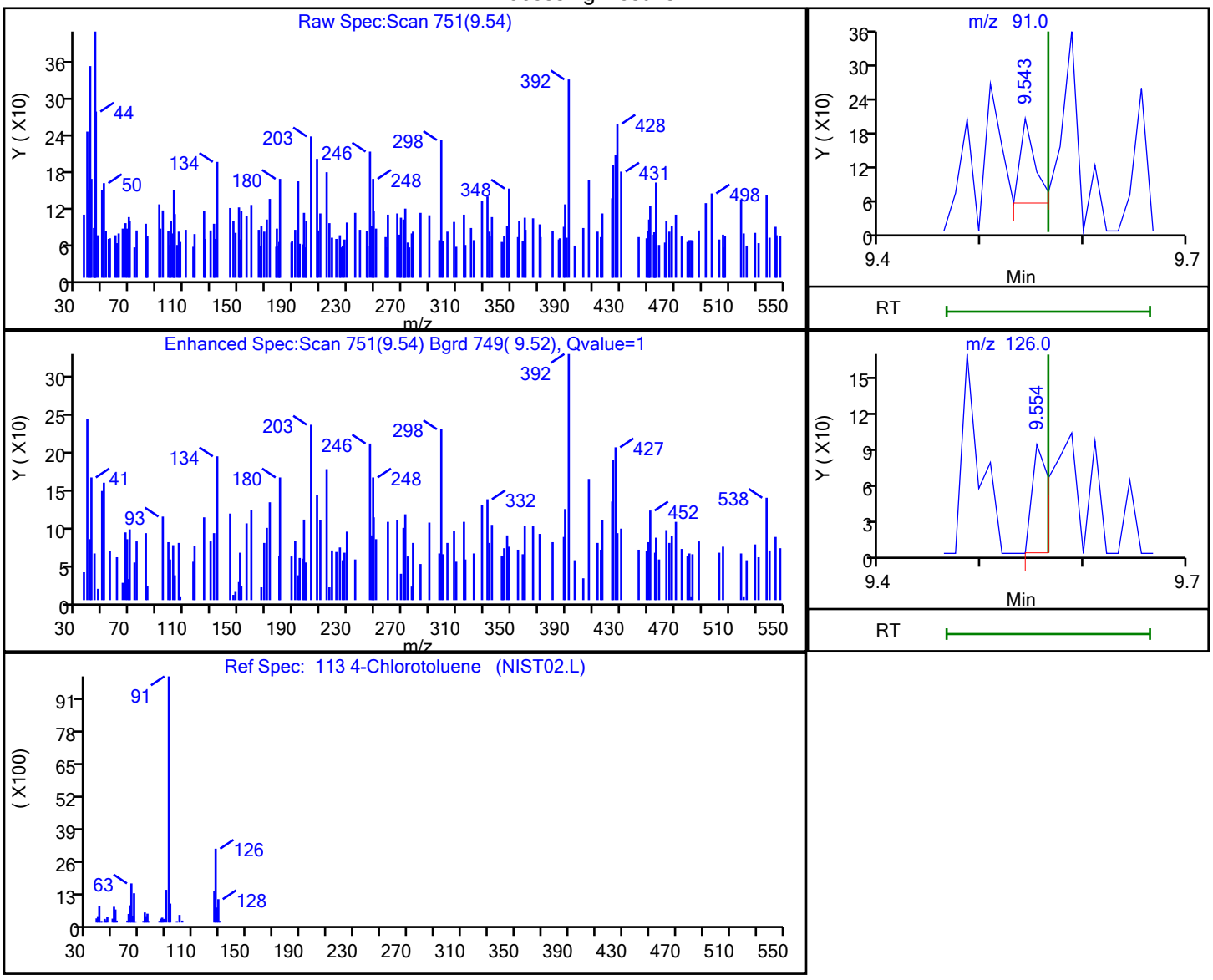
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

113 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
9.54	91.00	158	0.013936
9.55	126.00	107	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

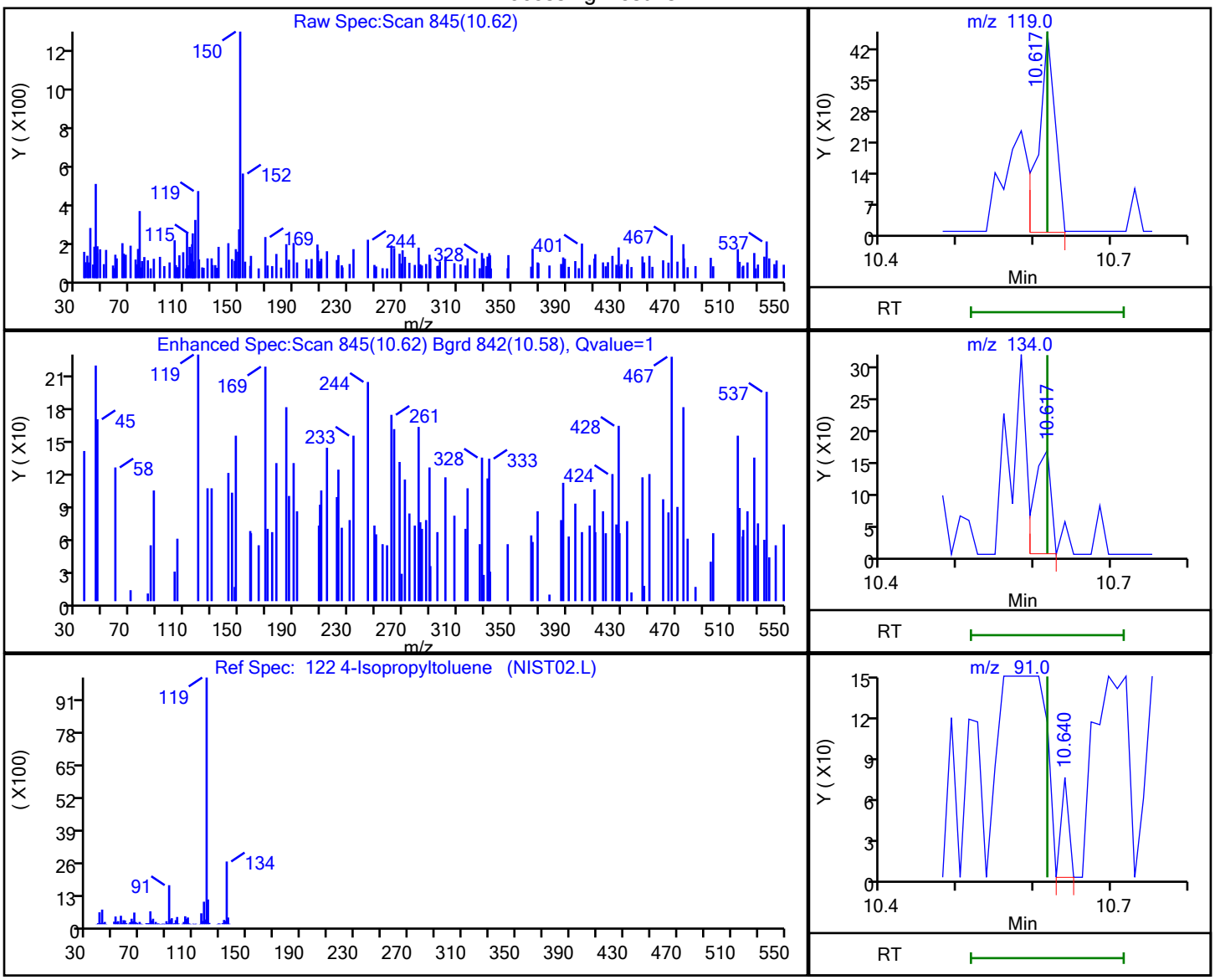
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.62	119.00	676	0.038533
10.62	134.00	248	
10.64	91.00	49	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

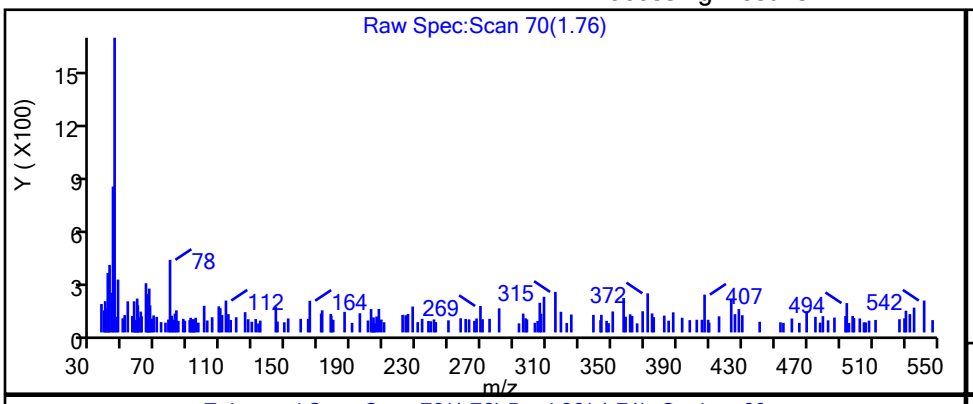
User Disabled Compound Report

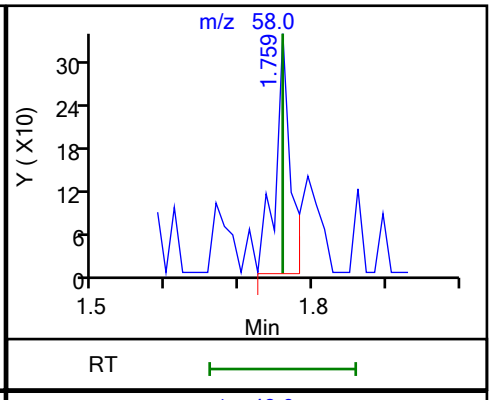
Eurofins Edison

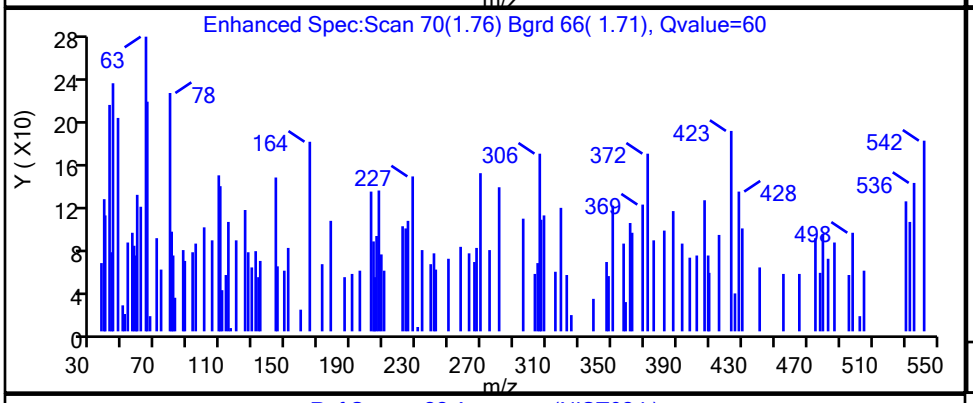
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

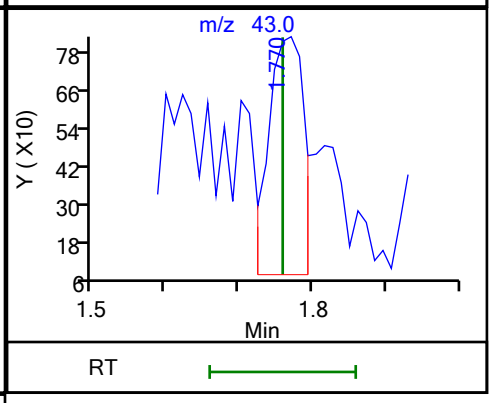
22 Acetone, CAS: 67-64-1

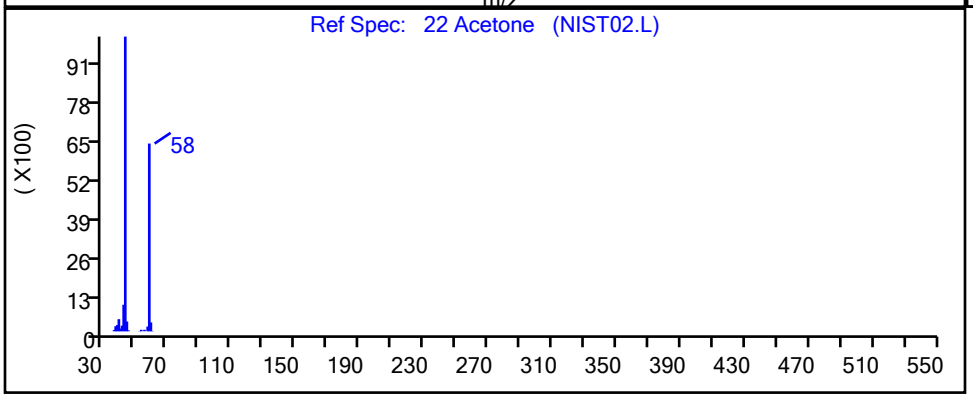
Processing Results











RT	Mass	Response	Amount
1.76	58.00	481	1.729602
1.77	43.00	2595	

Reviewer: KG2Q, 21-Feb-2025 08:44:05 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

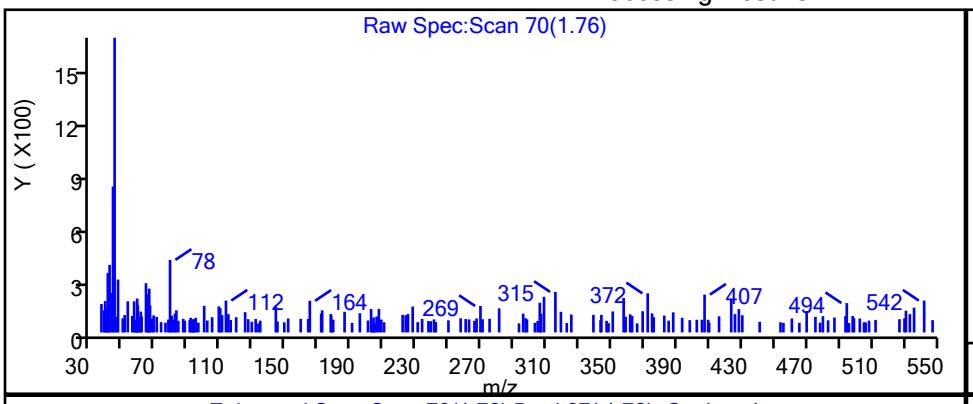
User Disabled Compound Report

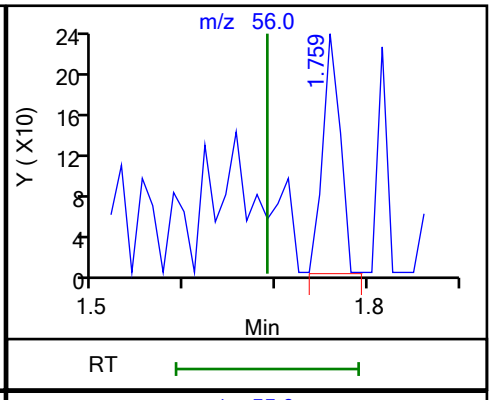
Eurofins Edison

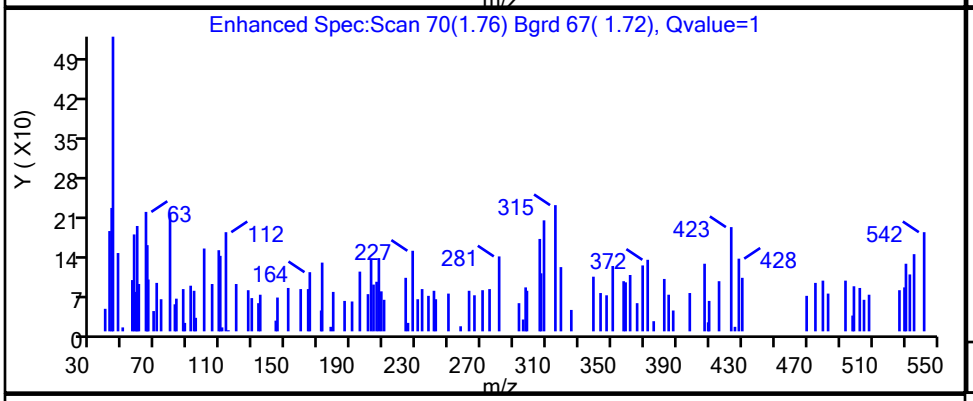
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D		
Injection Date:	20-Feb-2025 12:52:30	Instrument ID:	CVOAMS9
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	3 Worklist Smp#: 4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

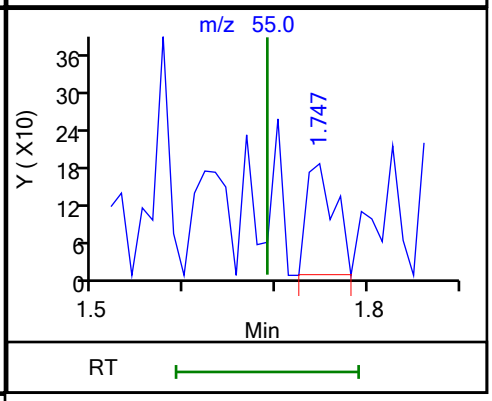
19 Acrolein, CAS: 107-02-8

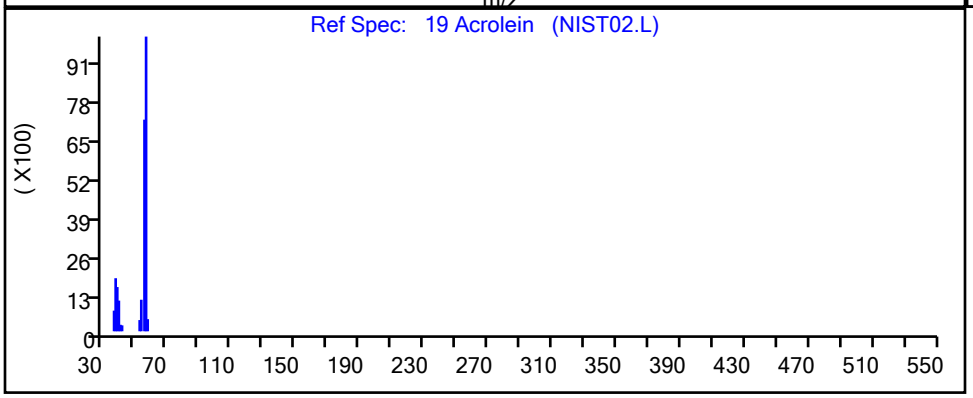
Processing Results











RT	Mass	Response	Amount
1.76	56.00	309	2.432995
1.75	55.00	391	

Reviewer: KG2Q, 21-Feb-2025 08:43:59 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

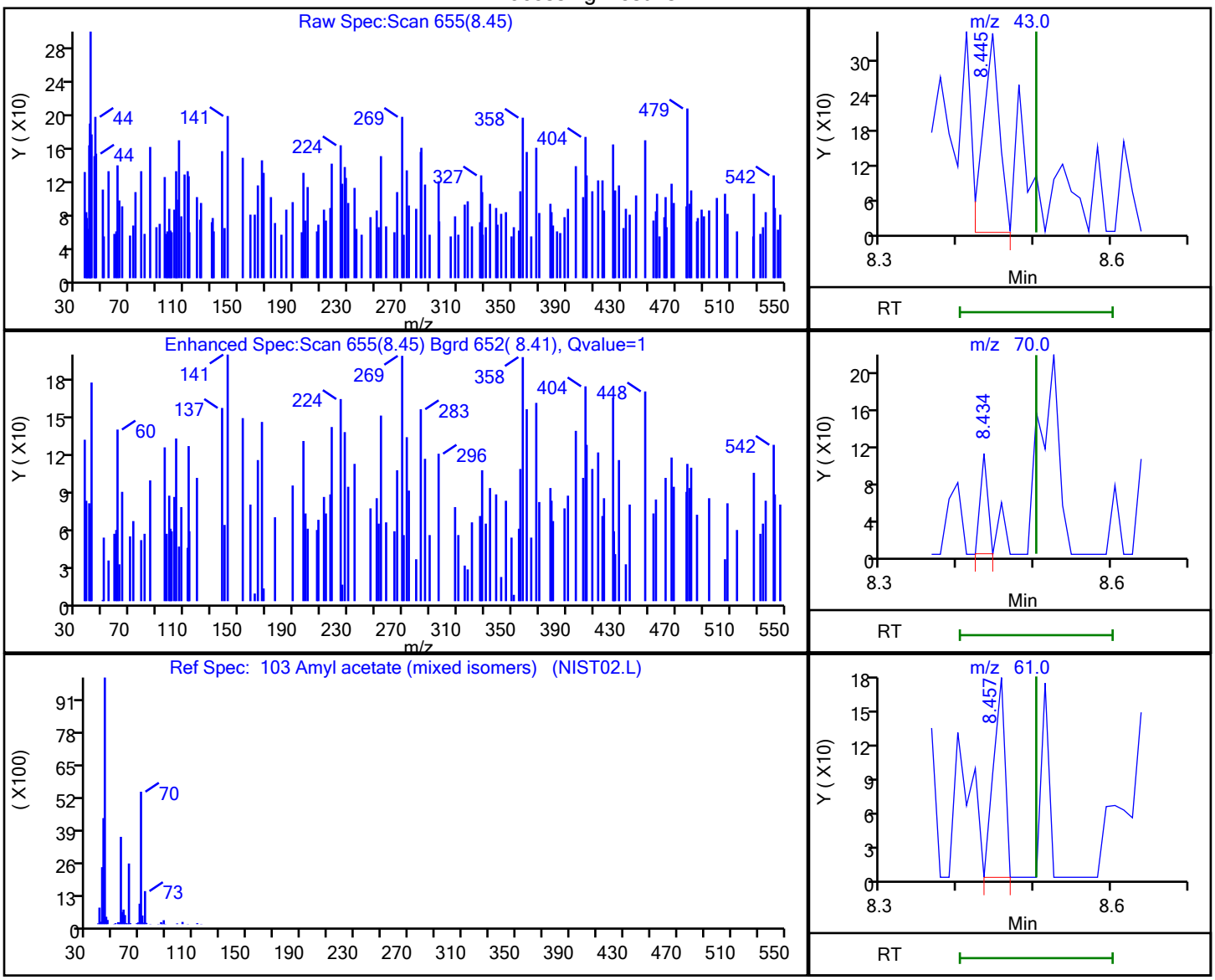
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.45	43.00	494	0.097264
8.43	70.00	76	
8.46	61.00	186	

Reviewer: KG2Q, 21-Feb-2025 08:45:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

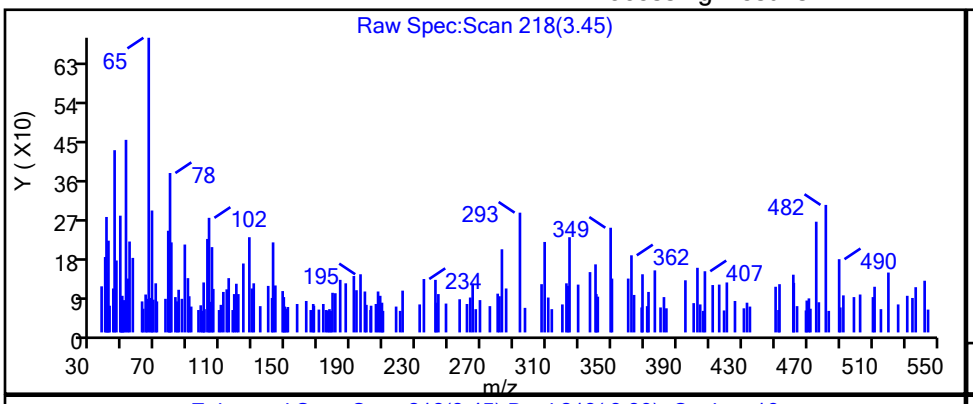
User Disabled Compound Report

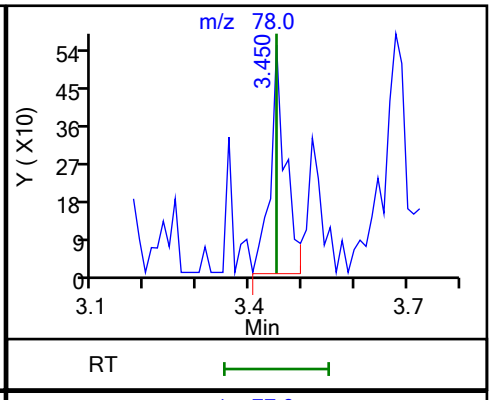
Eurofins Edison

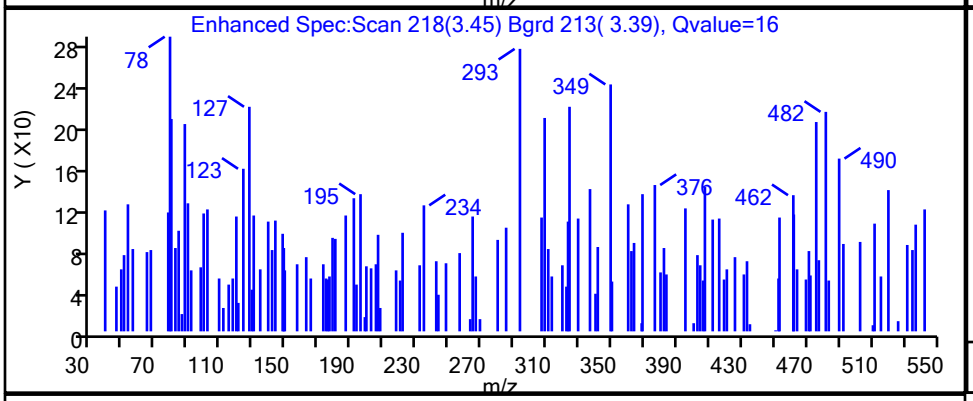
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

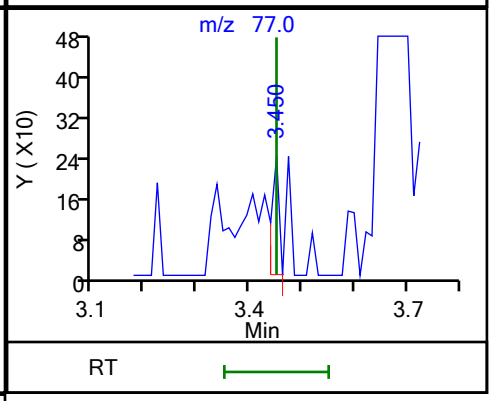
59 Benzene, CAS: 71-43-2

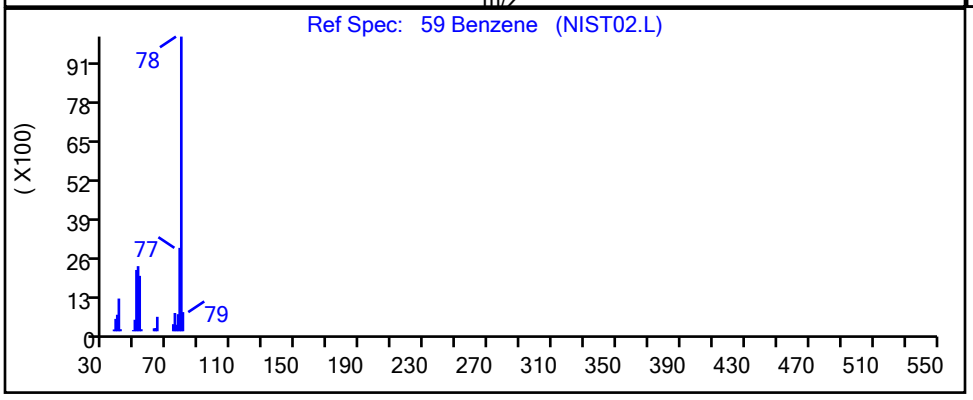
Processing Results











RT	Mass	Response	Amount
3.45	78.00	1093	0.082084
3.45	77.00	233	

Reviewer: KG2Q, 21-Feb-2025 08:44:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

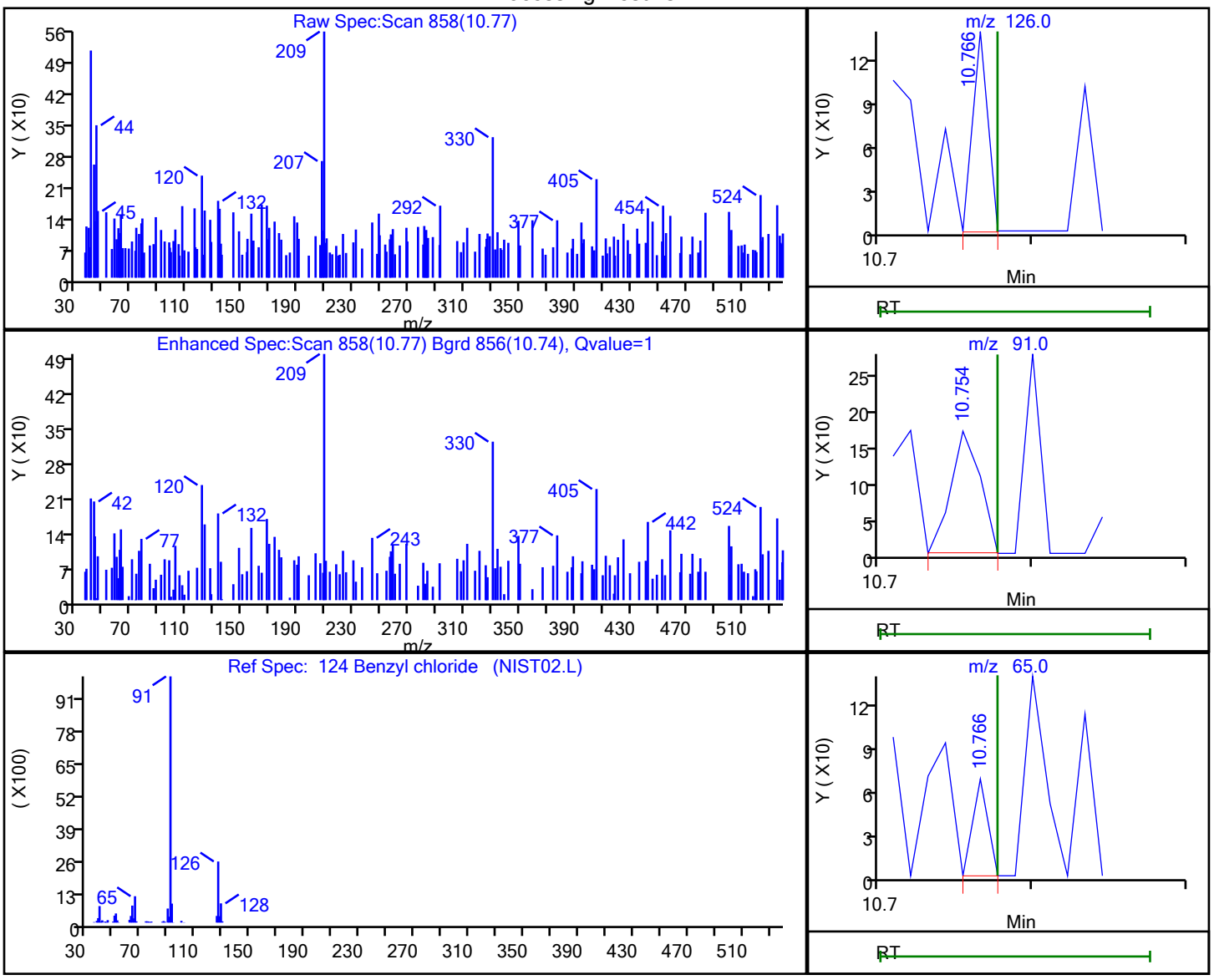
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.77	126.00	90	0.066842
10.75	91.00	230	
10.77	65.00	46	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

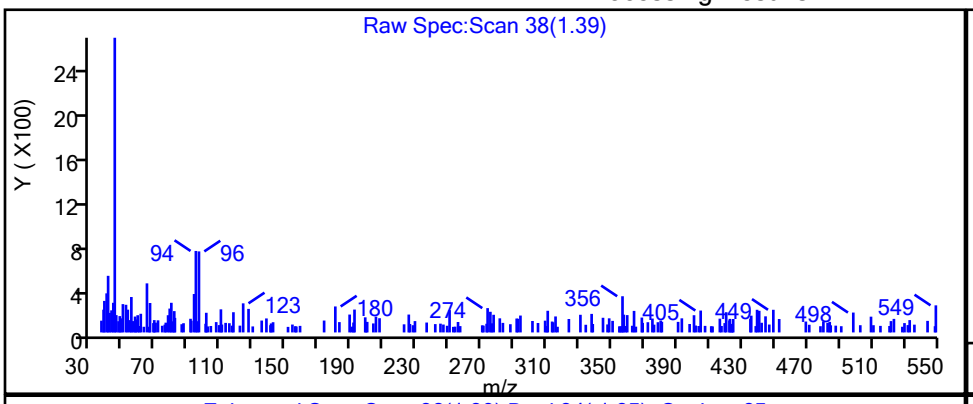
User Disabled Compound Report

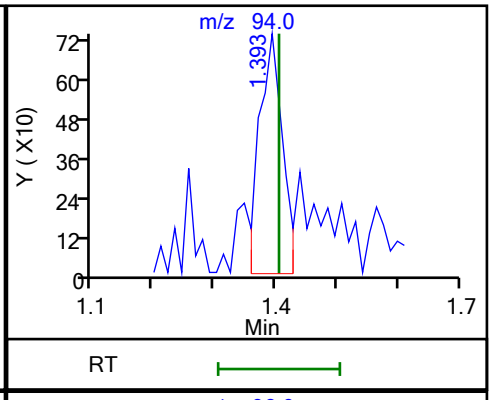
Eurofins Edison

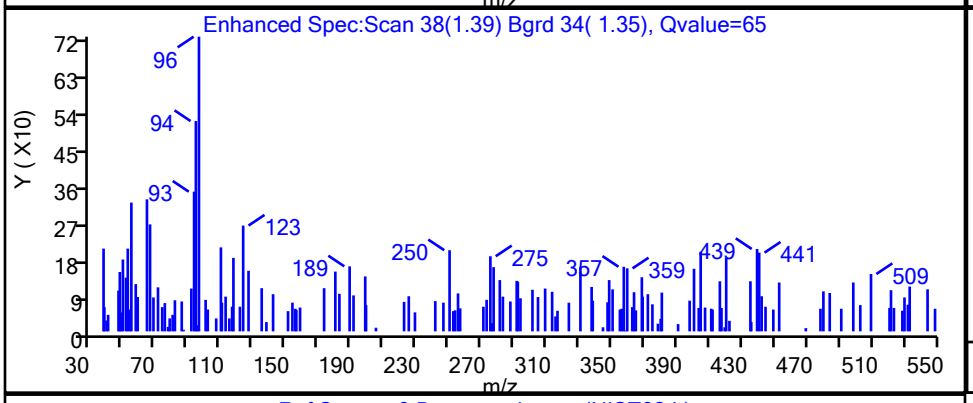
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

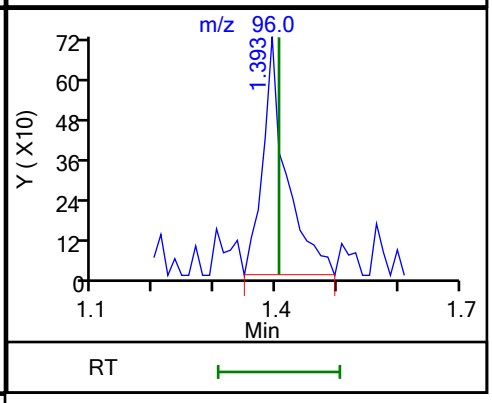
9 Bromomethane, CAS: 74-83-9

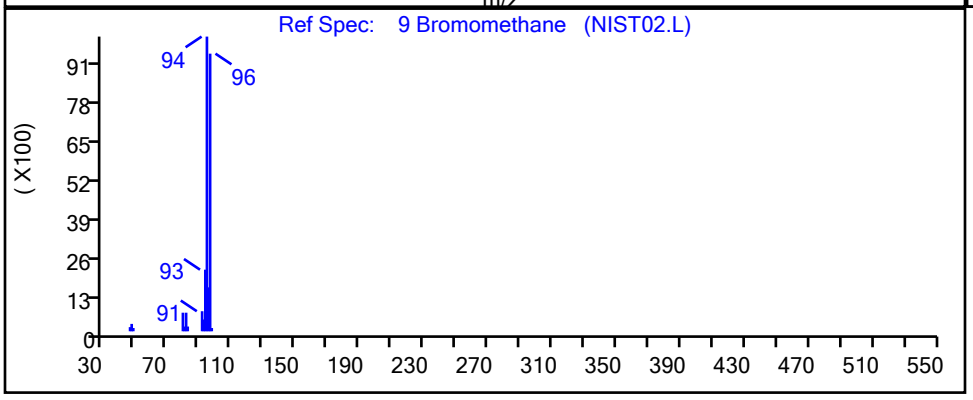
Processing Results











RT	Mass	Response	Amount
1.39	94.00	1953	0.320563
1.39	96.00	1945	

Reviewer: KG2Q, 21-Feb-2025 08:43:58 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

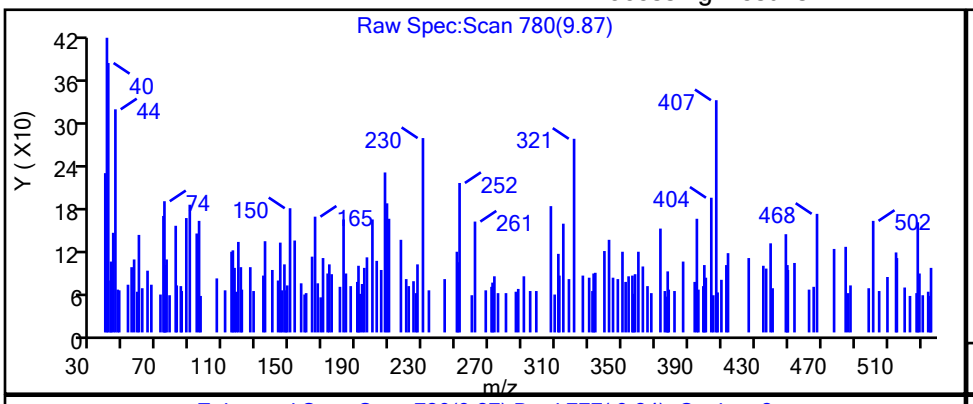
User Disabled Compound Report

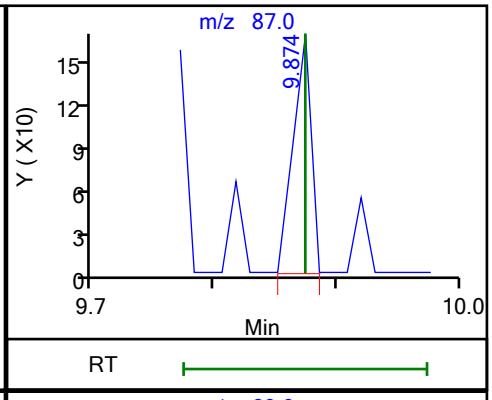
Eurofins Edison

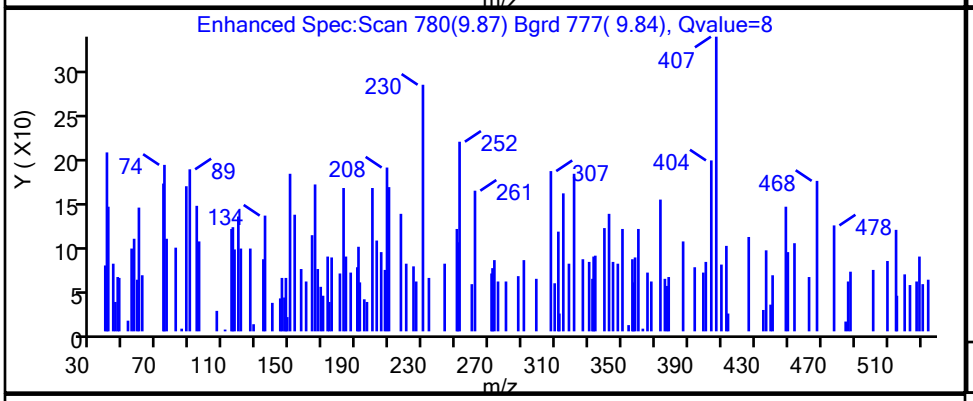
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

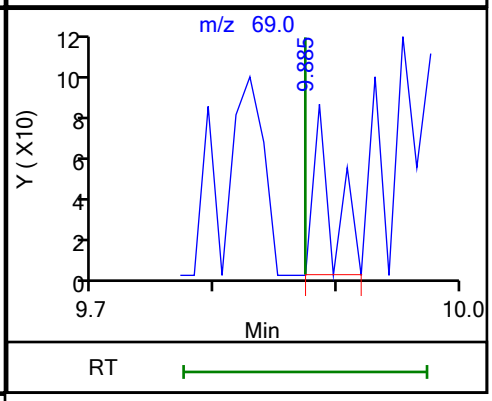
115 Butyl Methacrylate, CAS: 97-88-1

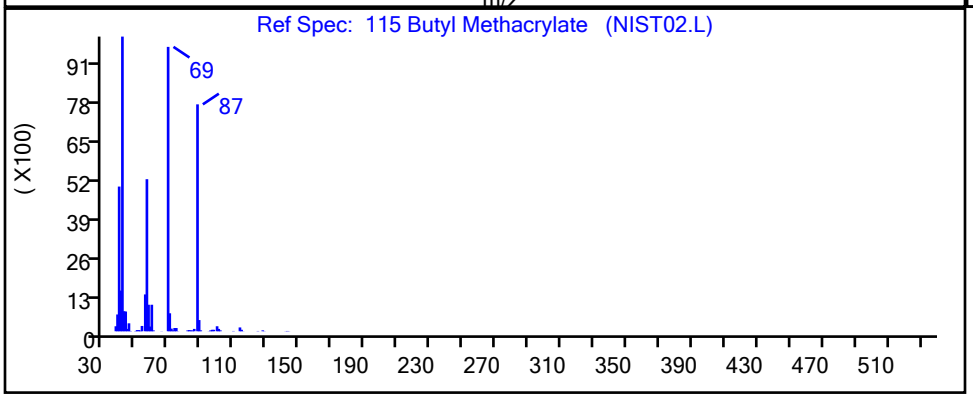
Processing Results











RT	Mass	Response	Amount
9.87	87.00	167	0.036517
9.89	69.00	91	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

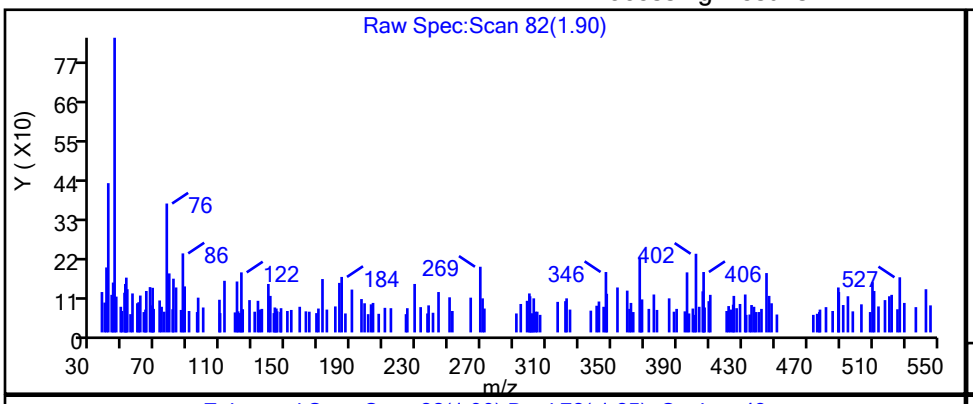
User Disabled Compound Report

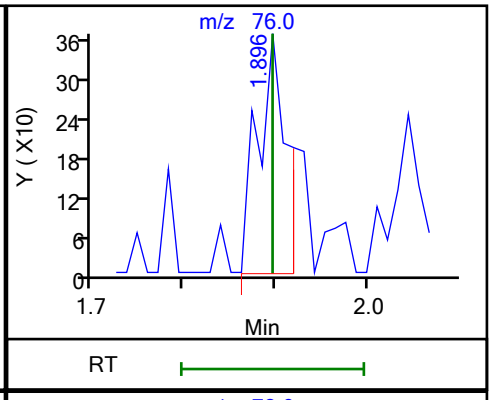
Eurofins Edison

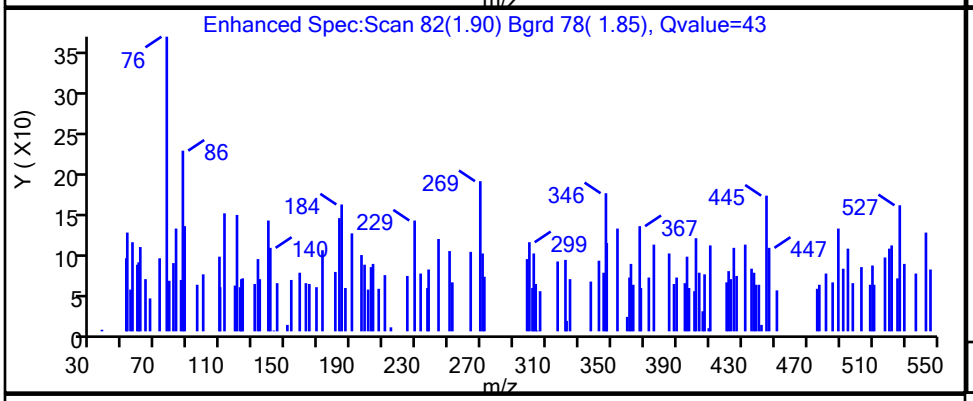
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

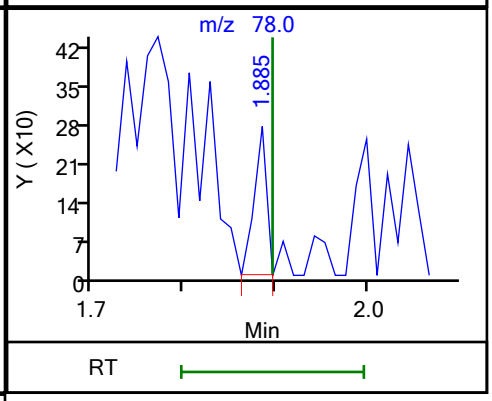
25 Carbon disulfide, CAS: 75-15-0

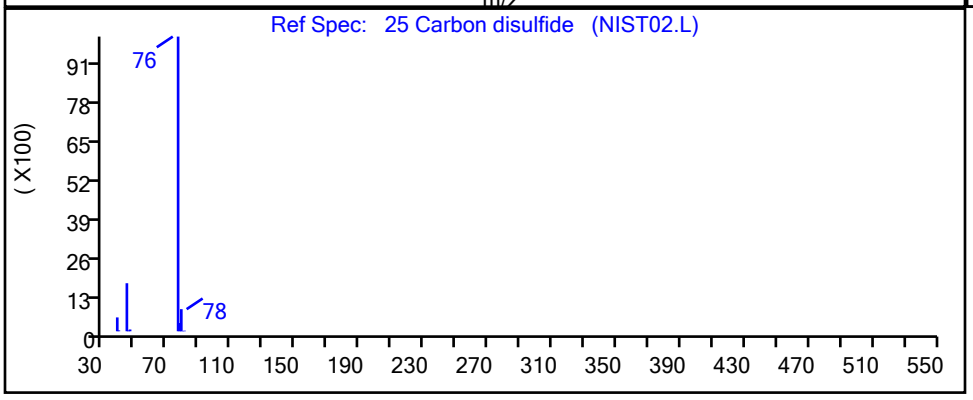
Processing Results











RT	Mass	Response	Amount
1.90	76.00	802	0.050293
1.88	78.00	257	

Reviewer: KG2Q, 21-Feb-2025 08:44:07 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

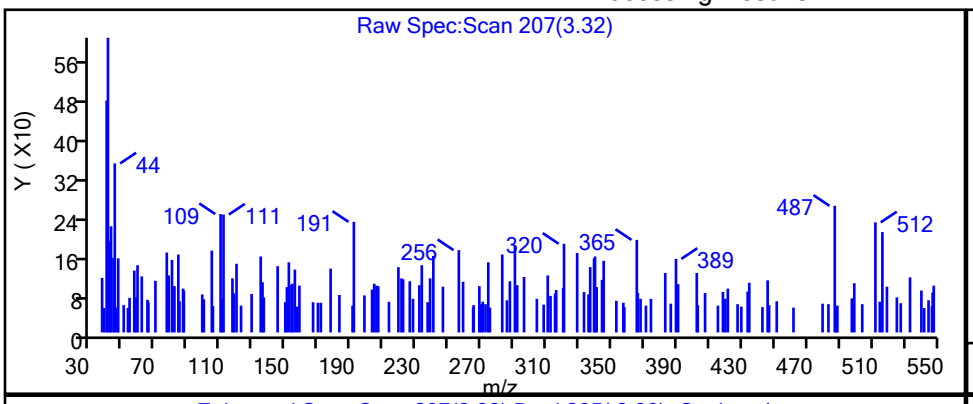
User Disabled Compound Report

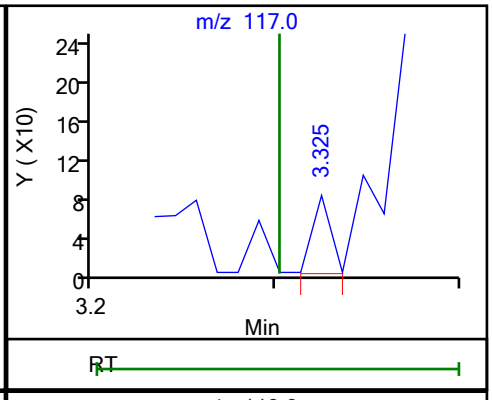
Eurofins Edison

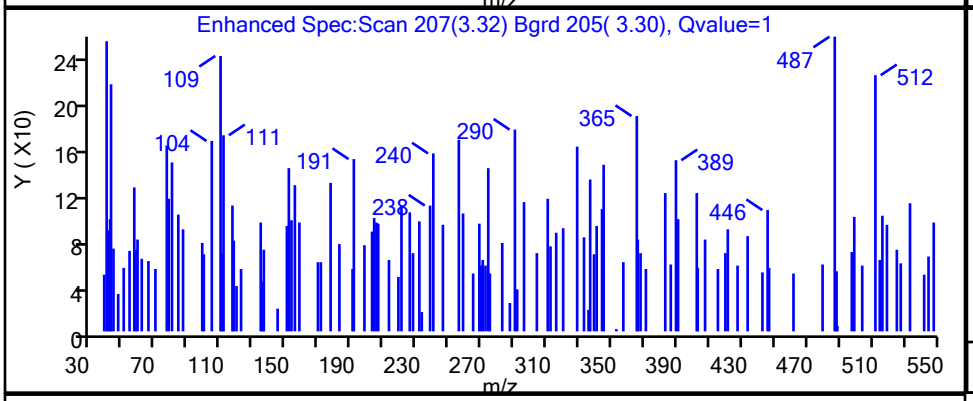
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

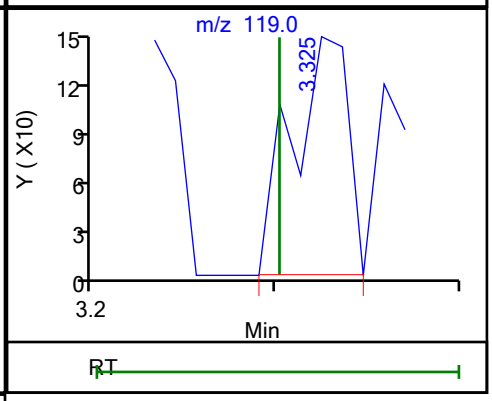
56 Carbon tetrachloride, CAS: 56-23-5

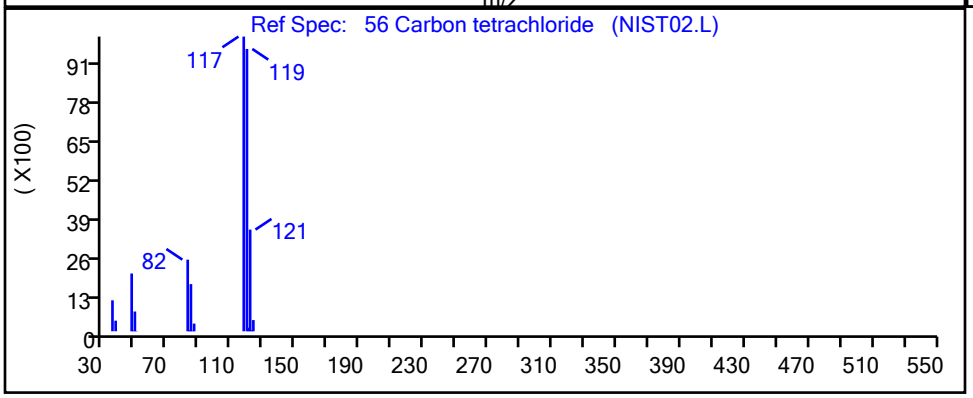
Processing Results











RT	Mass	Response	Amount
3.32	117.00	55	0.010249
3.32	119.00	299	

Reviewer: KG2Q, 21-Feb-2025 08:44:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

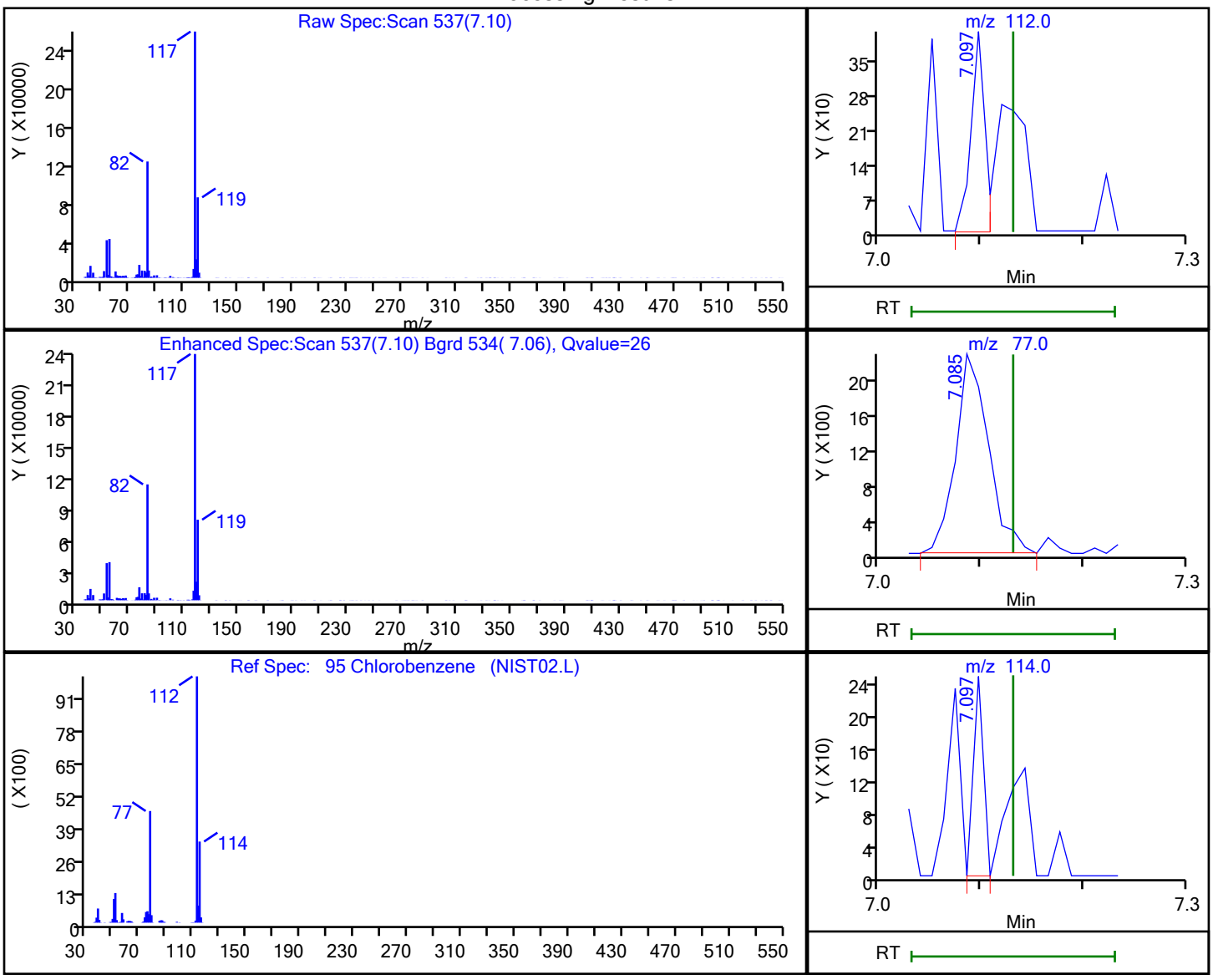
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
7.10	112.00	397	0.041593
7.09	77.00	5032	
7.10	114.00	172	

Reviewer: KG2Q, 21-Feb-2025 08:45:08 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

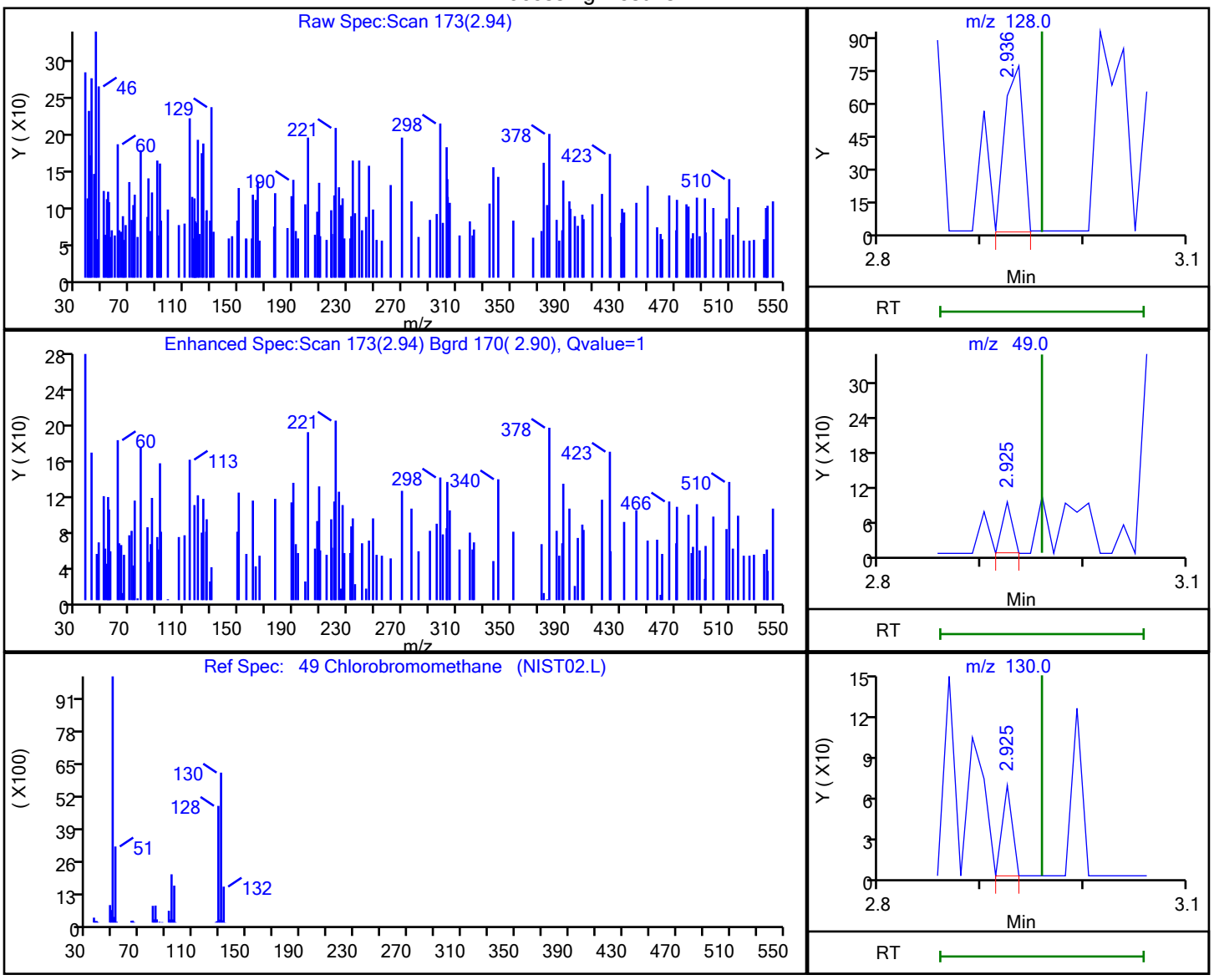
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

49 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
2.94	128.00	96	0.041709
2.92	49.00	62	
2.92	130.00	47	

Reviewer: KG2Q, 21-Feb-2025 08:44:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

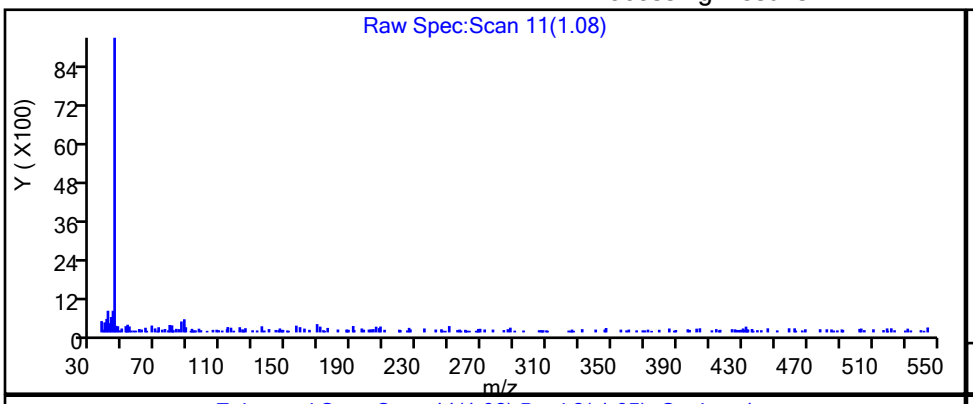
User Disabled Compound Report

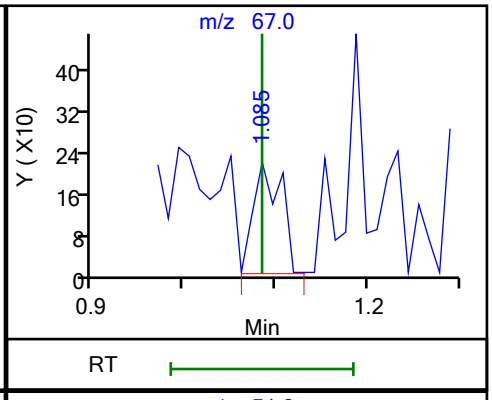
Eurofins Edison

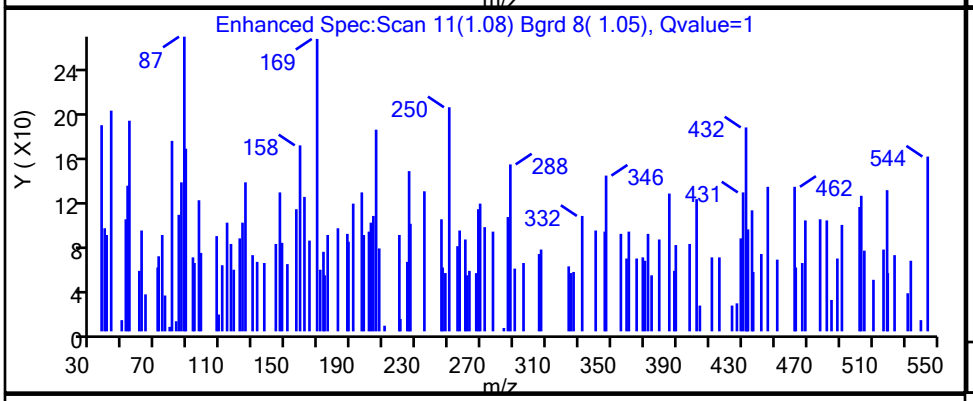
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

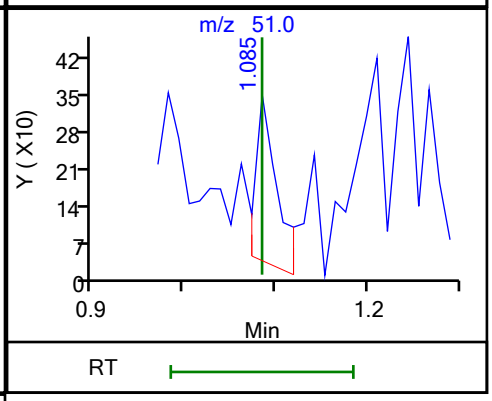
5 Chlorodifluoromethane, CAS: 75-45-6

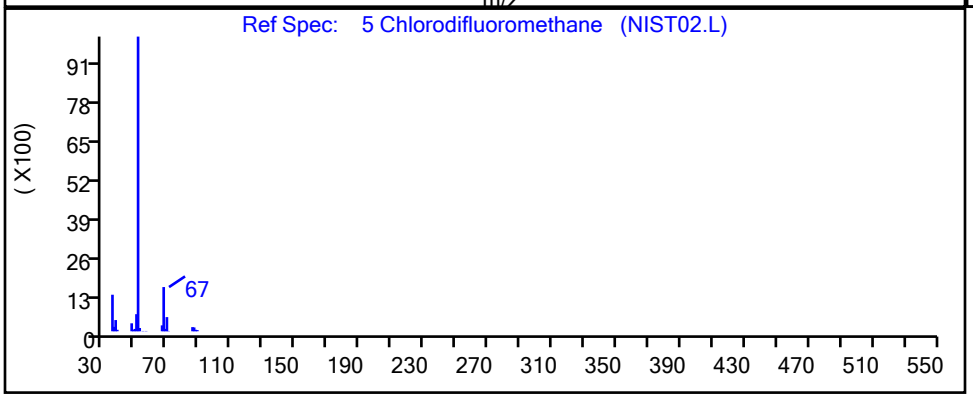
Processing Results











RT	Mass	Response	Amount
1.08	67.00	451	0.354588
1.08	51.00	529	

Reviewer: KG2Q, 21-Feb-2025 08:43:58 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

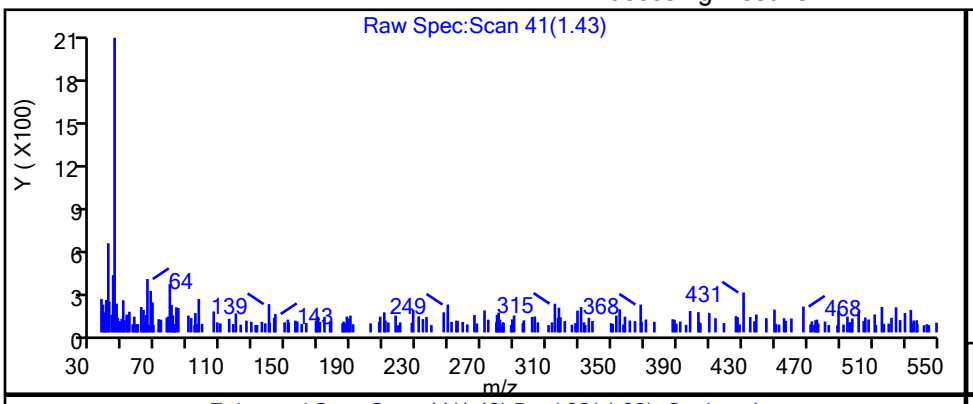
User Disabled Compound Report

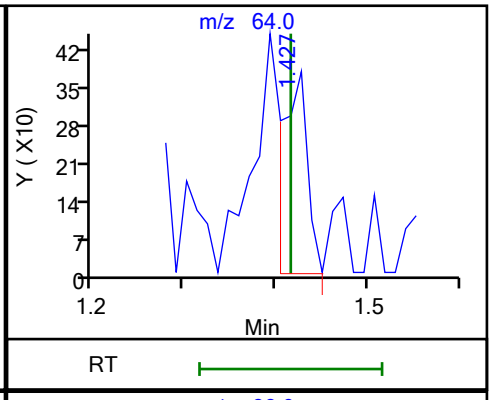
Eurofins Edison

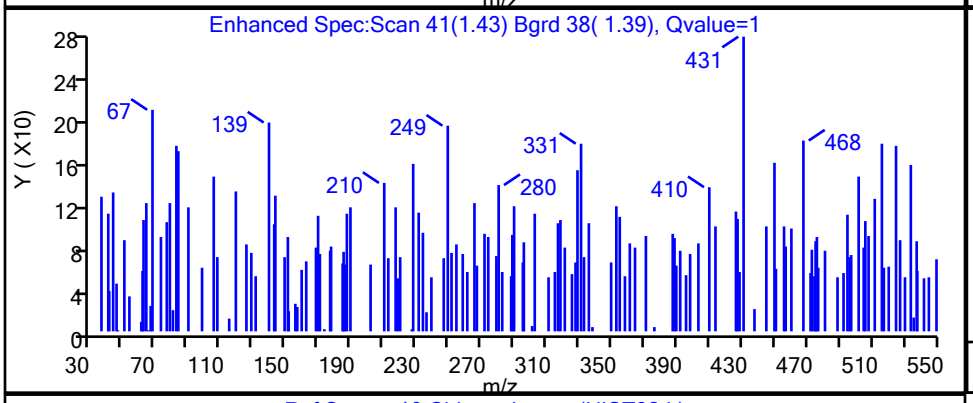
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

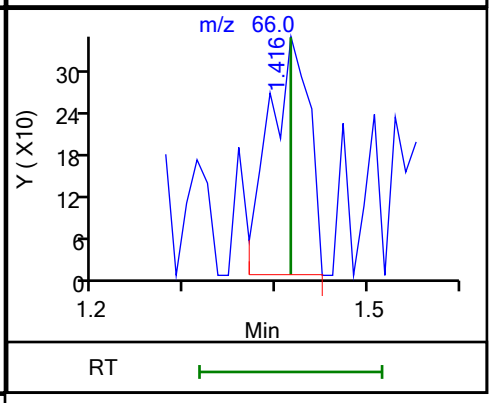
10 Chloroethane, CAS: 75-00-3

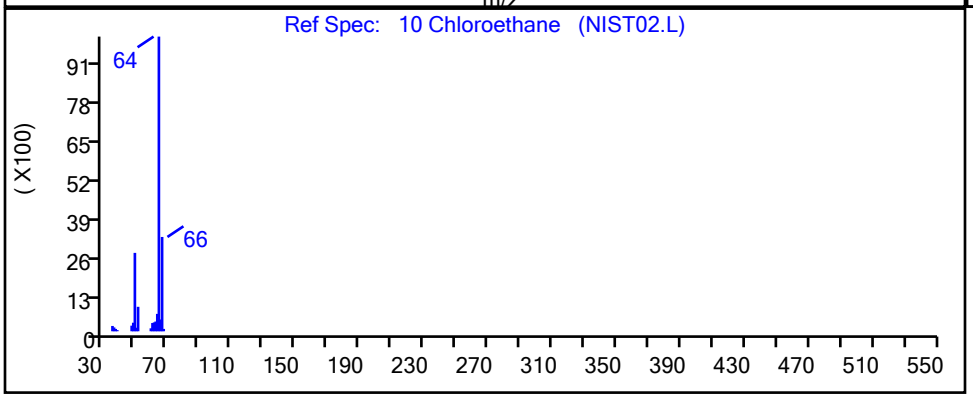
Processing Results











RT	Mass	Response	Amount
1.43	64.00	713	0.171534
1.42	66.00	1059	

Reviewer: KG2Q, 21-Feb-2025 08:43:58 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

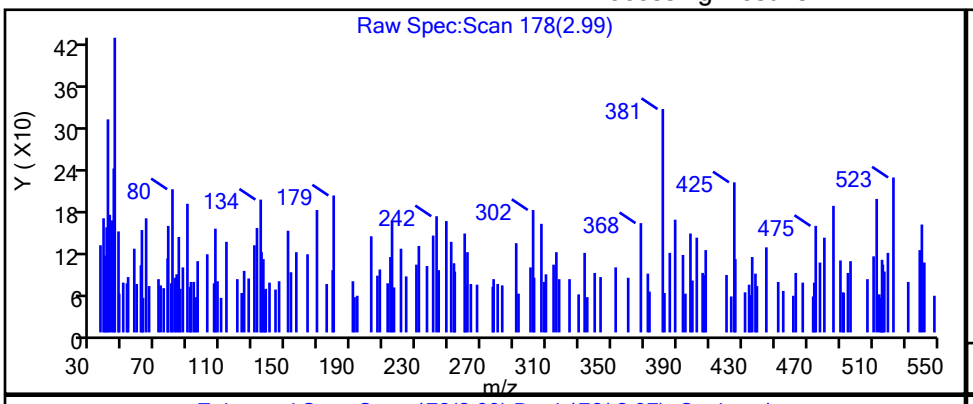
User Disabled Compound Report

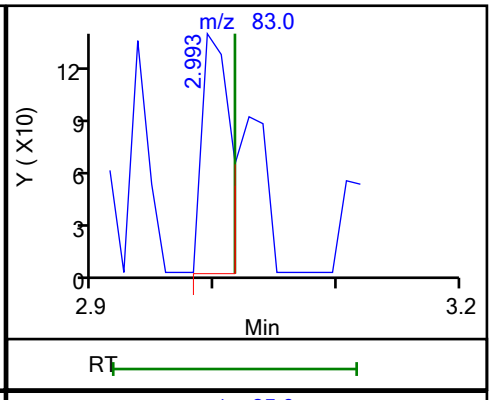
Eurofins Edison

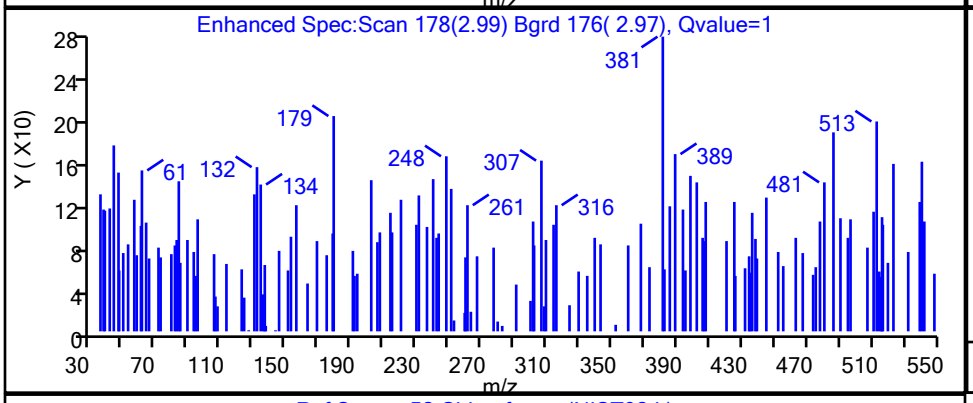
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

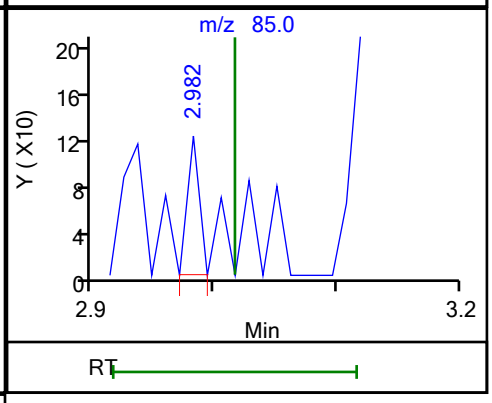
52 Chloroform, CAS: 67-66-3

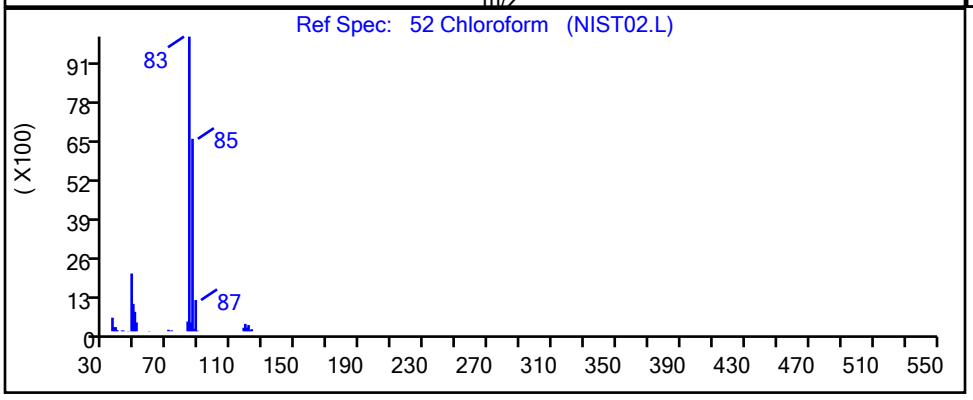
Processing Results











RT	Mass	Response	Amount
2.99	83.00	224	0.034163
2.98	85.00	84	

Reviewer: KG2Q, 21-Feb-2025 08:44:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

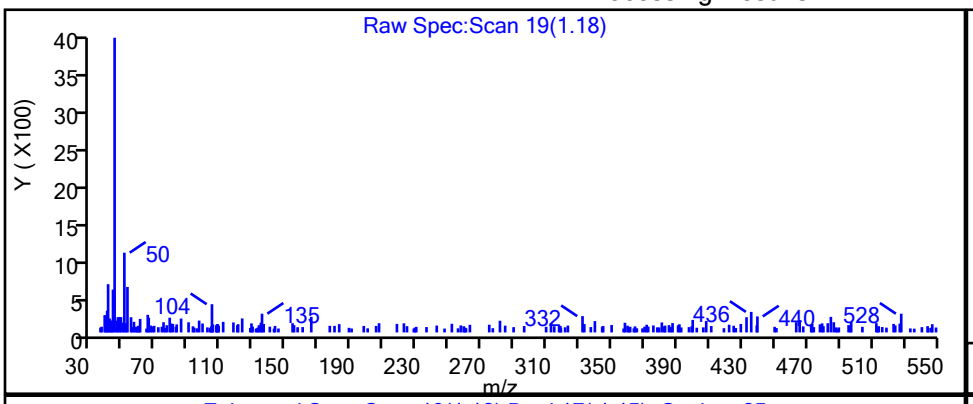
User Disabled Compound Report

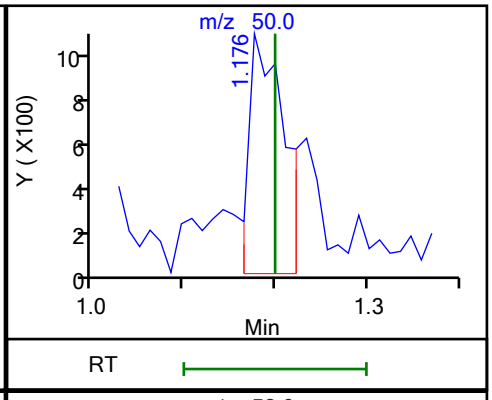
Eurofins Edison

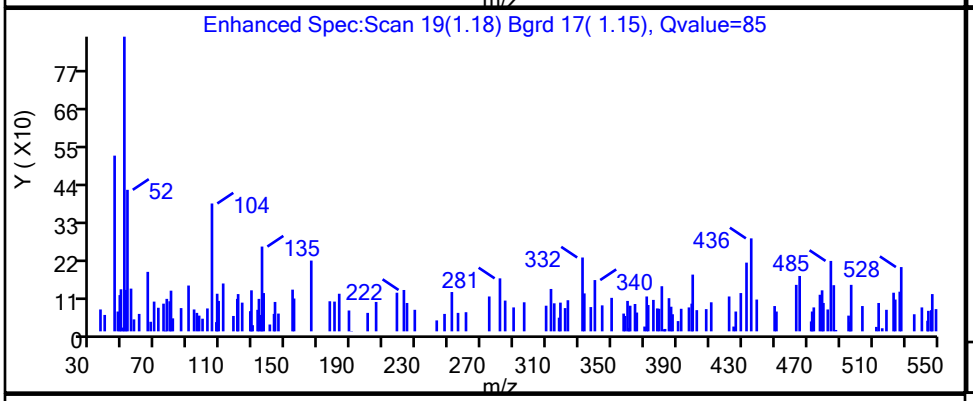
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D				
Injection Date:	20-Feb-2025 12:52:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

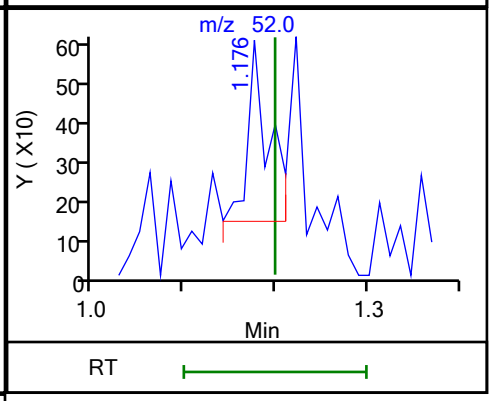
6 Chloromethane, CAS: 74-87-3

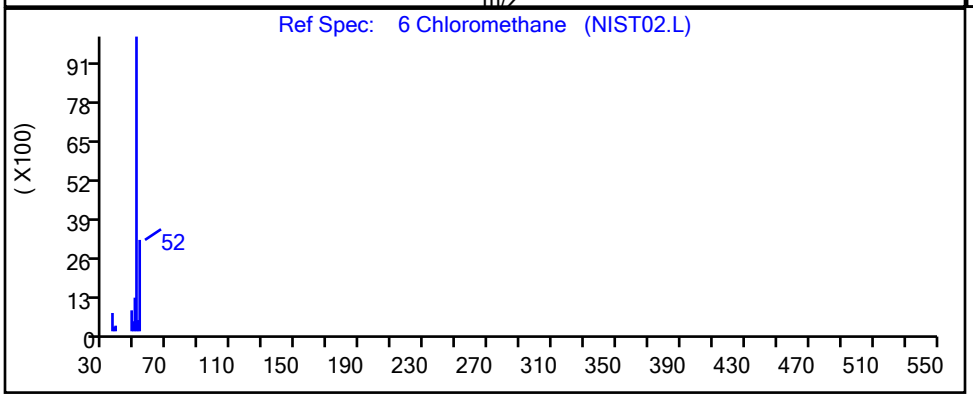
Processing Results











RT	Mass	Response	Amount
1.18	50.00	2861	0.221369
1.18	52.00	729	

Reviewer: KG2Q, 21-Feb-2025 08:43:58 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

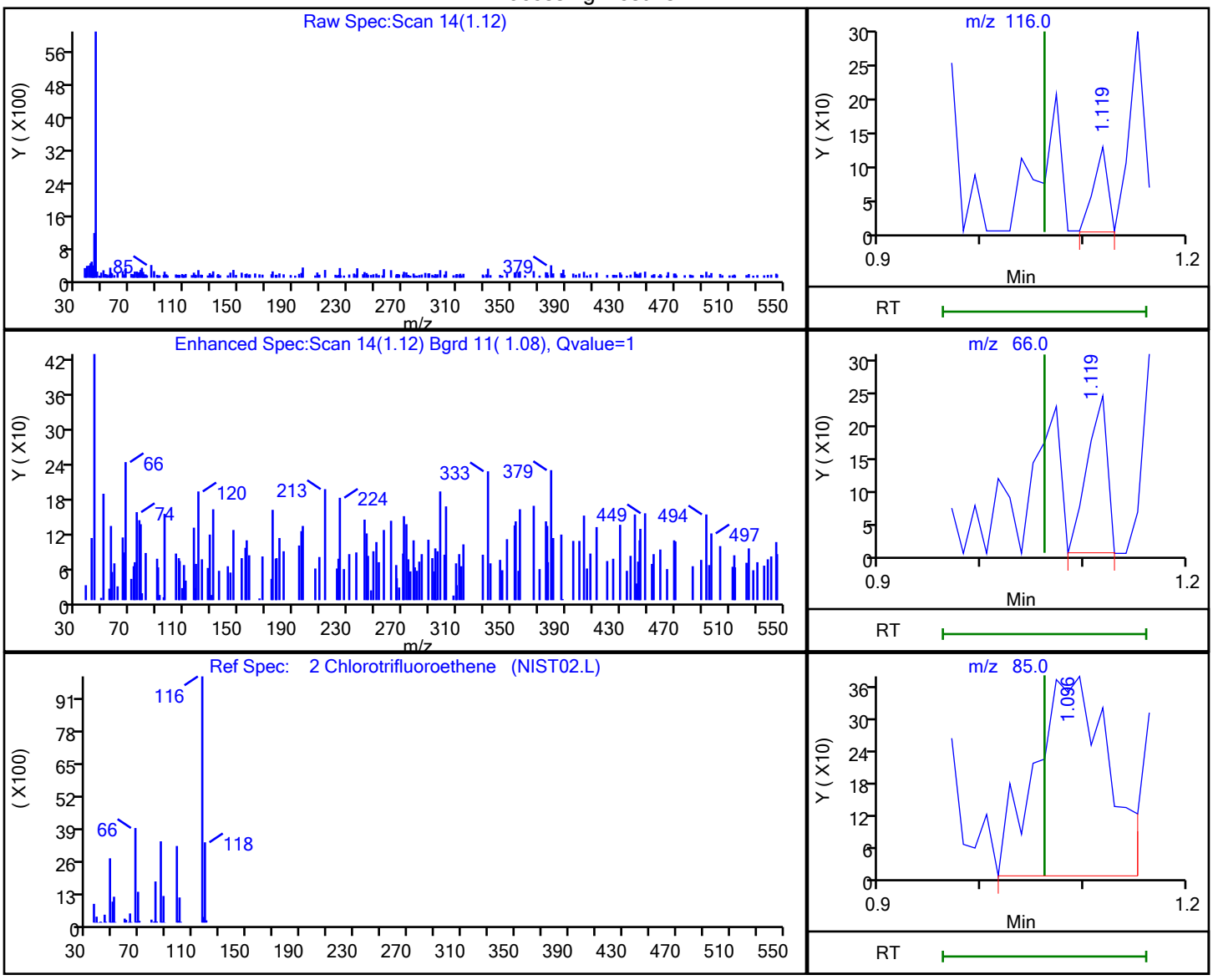
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.12	116.00	122	0.043337
1.12	66.00	331	
1.10	85.00	1852	
1.12	118.00	120	

Reviewer: KG2Q, 21-Feb-2025 08:43:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

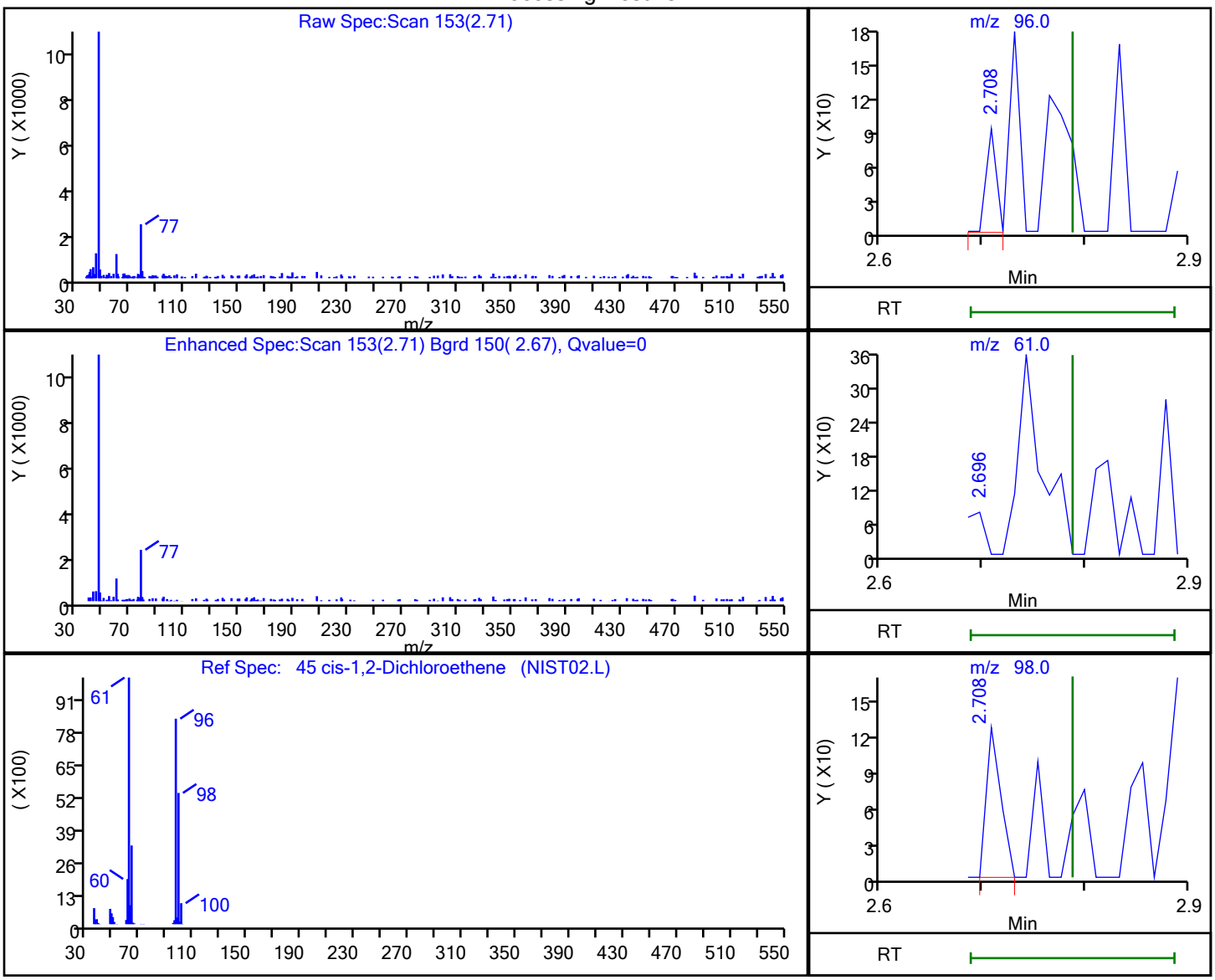
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
2.71	96.00	62	0.015012
2.70	61.00	95	
2.71	98.00	122	

Reviewer: KG2Q, 21-Feb-2025 08:44:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

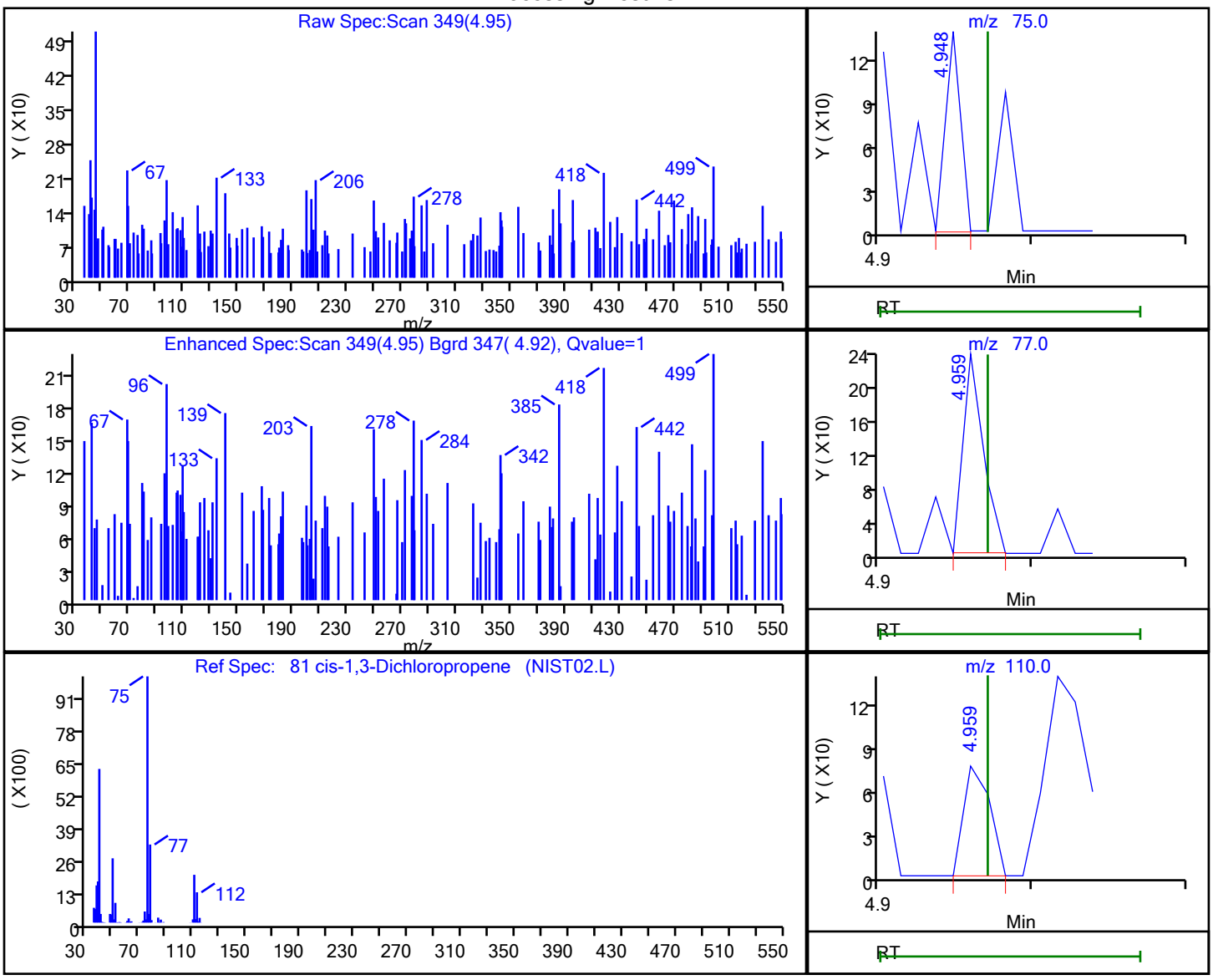
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
4.95	75.00	95	0.019971
4.96	77.00	216	
4.96	110.00	92	

Reviewer: KG2Q, 21-Feb-2025 08:44:54 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

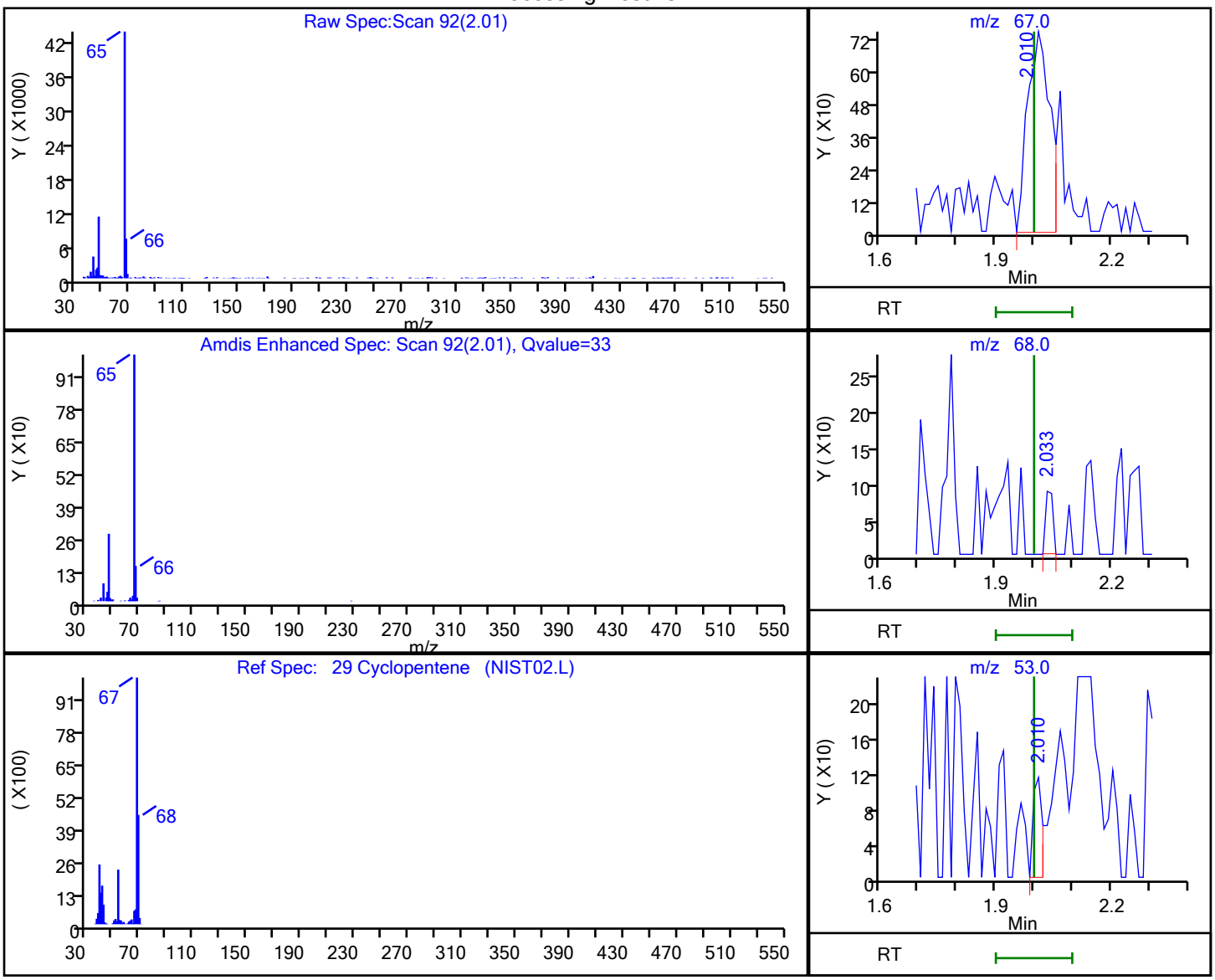
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.01	67.00	3014	0.300136
2.03	68.00	119	
2.01	53.00	183	

Reviewer: KG2Q, 21-Feb-2025 08:44:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

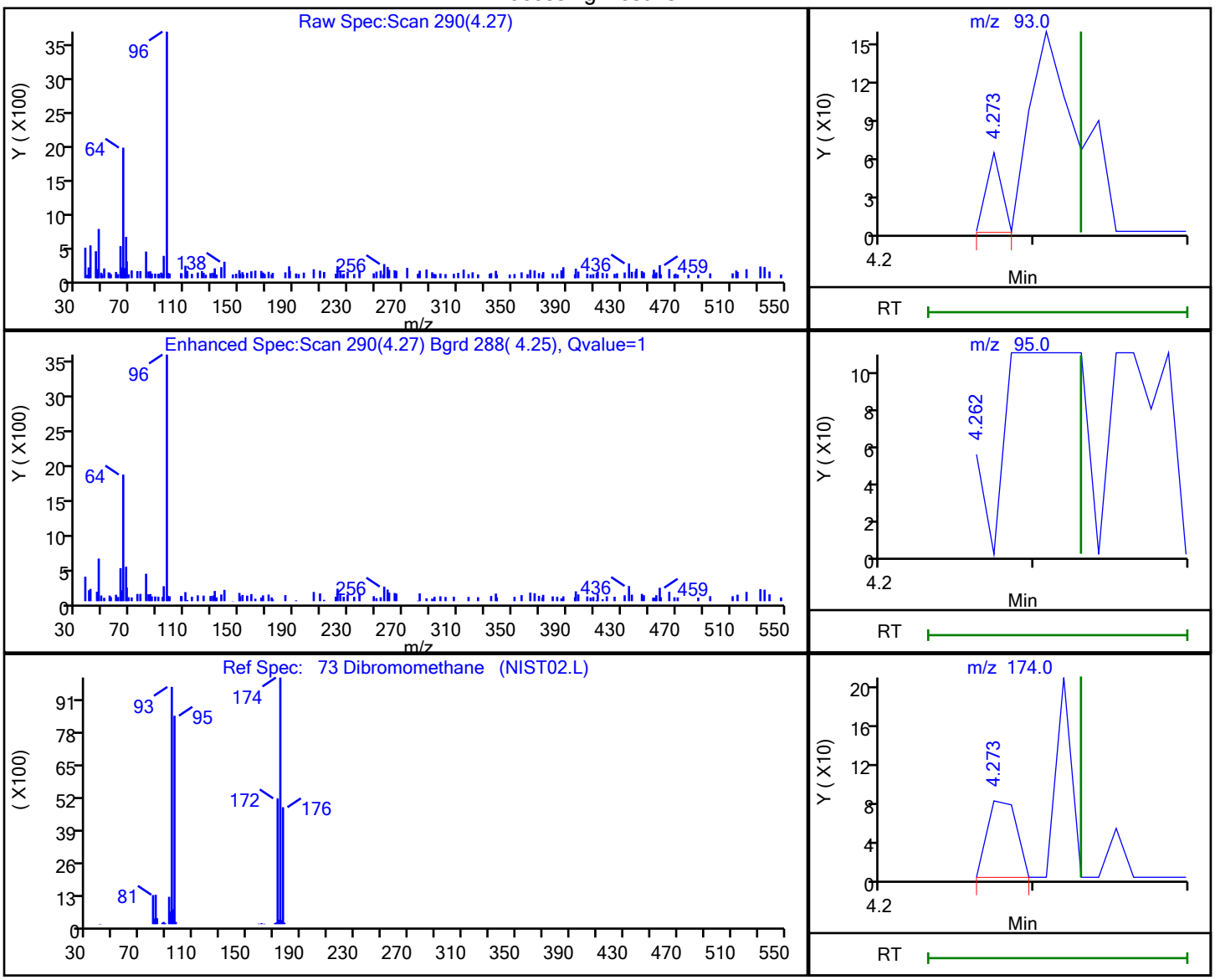
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D				
Injection Date:	20-Feb-2025 12:52:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

73 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
4.27	93.00	42	0.018089
4.26	95.00	38	
4.27	174.00	104	

Reviewer: KG2Q, 21-Feb-2025 08:44:46 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

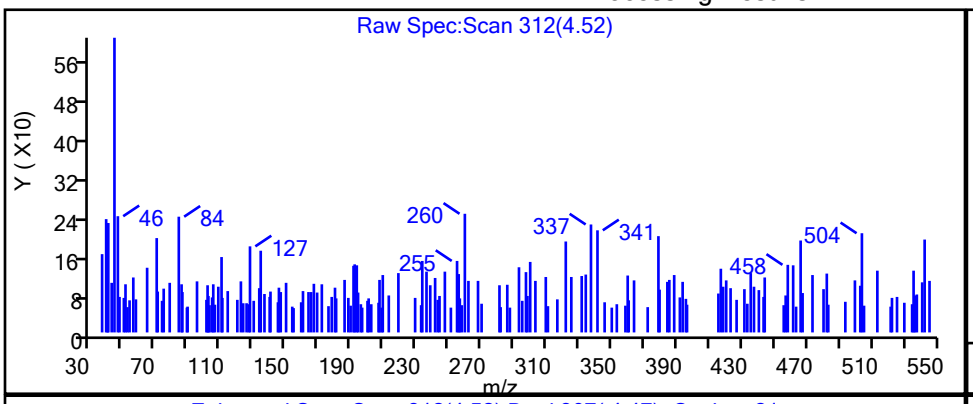
User Disabled Compound Report

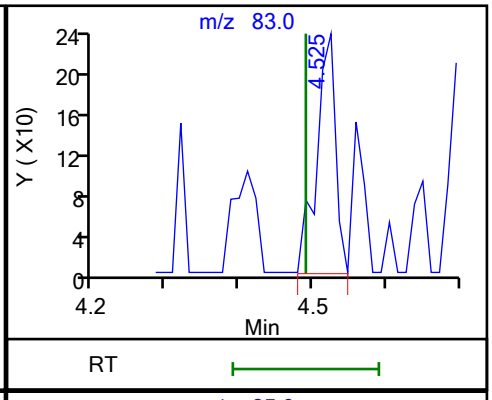
Eurofins Edison

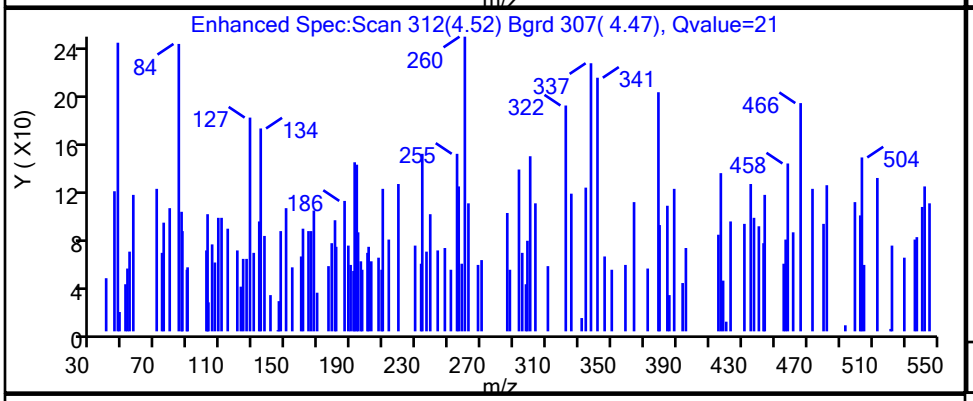
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

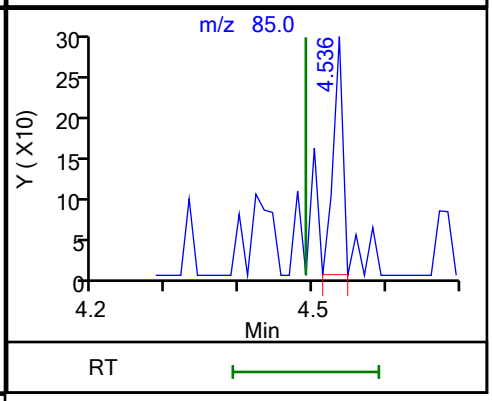
77 Dichlorobromomethane, CAS: 75-27-4

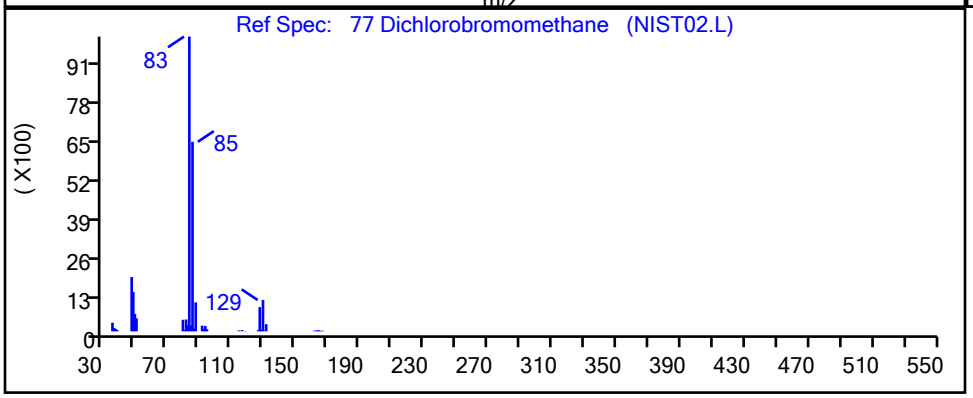
Processing Results











RT	Mass	Response	Amount
4.52	83.00	426	0.099453
4.54	85.00	274	

Reviewer: KG2Q, 21-Feb-2025 08:44:49 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

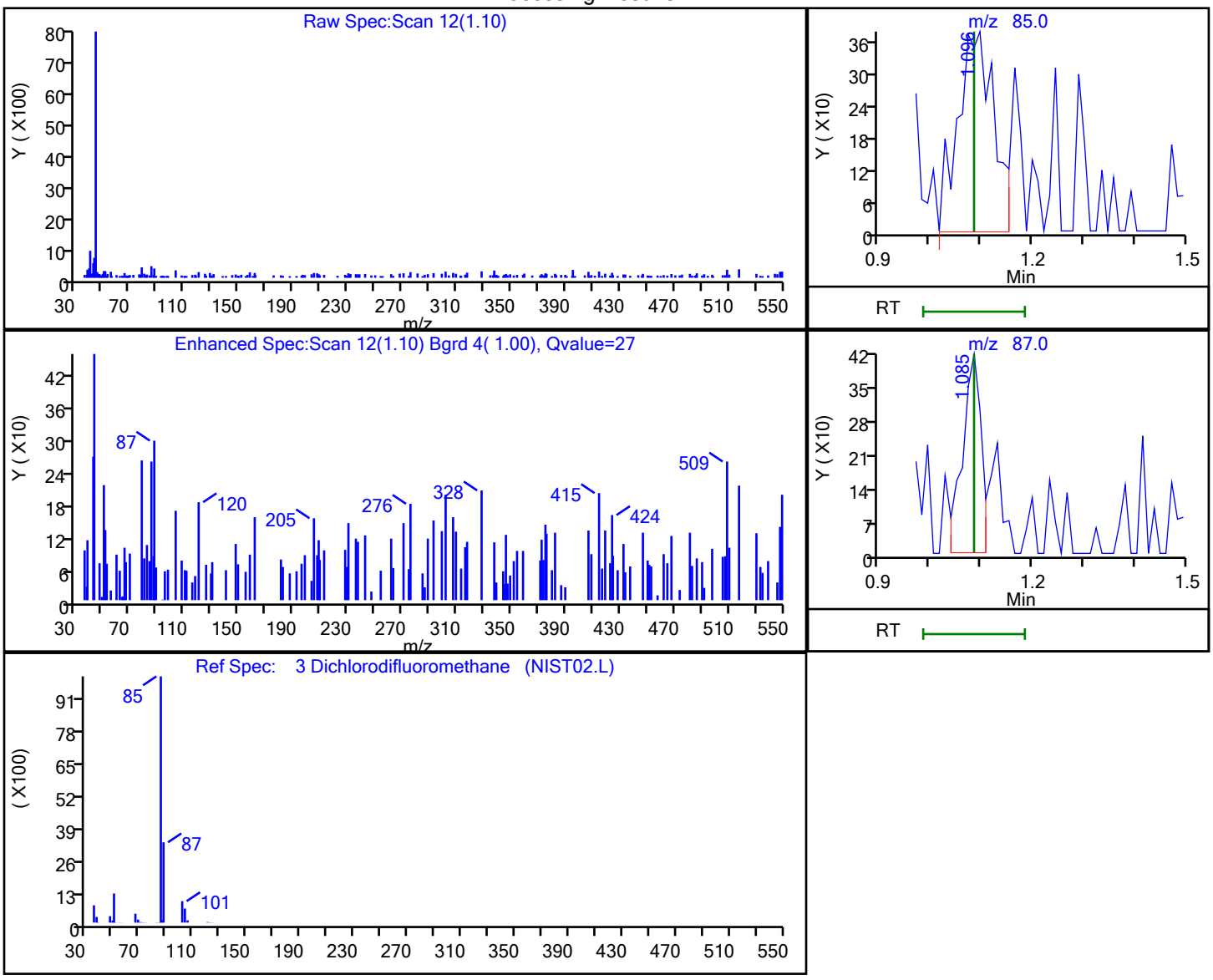
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.10	85.00	1852	0.168501
1.08	87.00	1080	

Reviewer: KG2Q, 21-Feb-2025 08:43:58 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

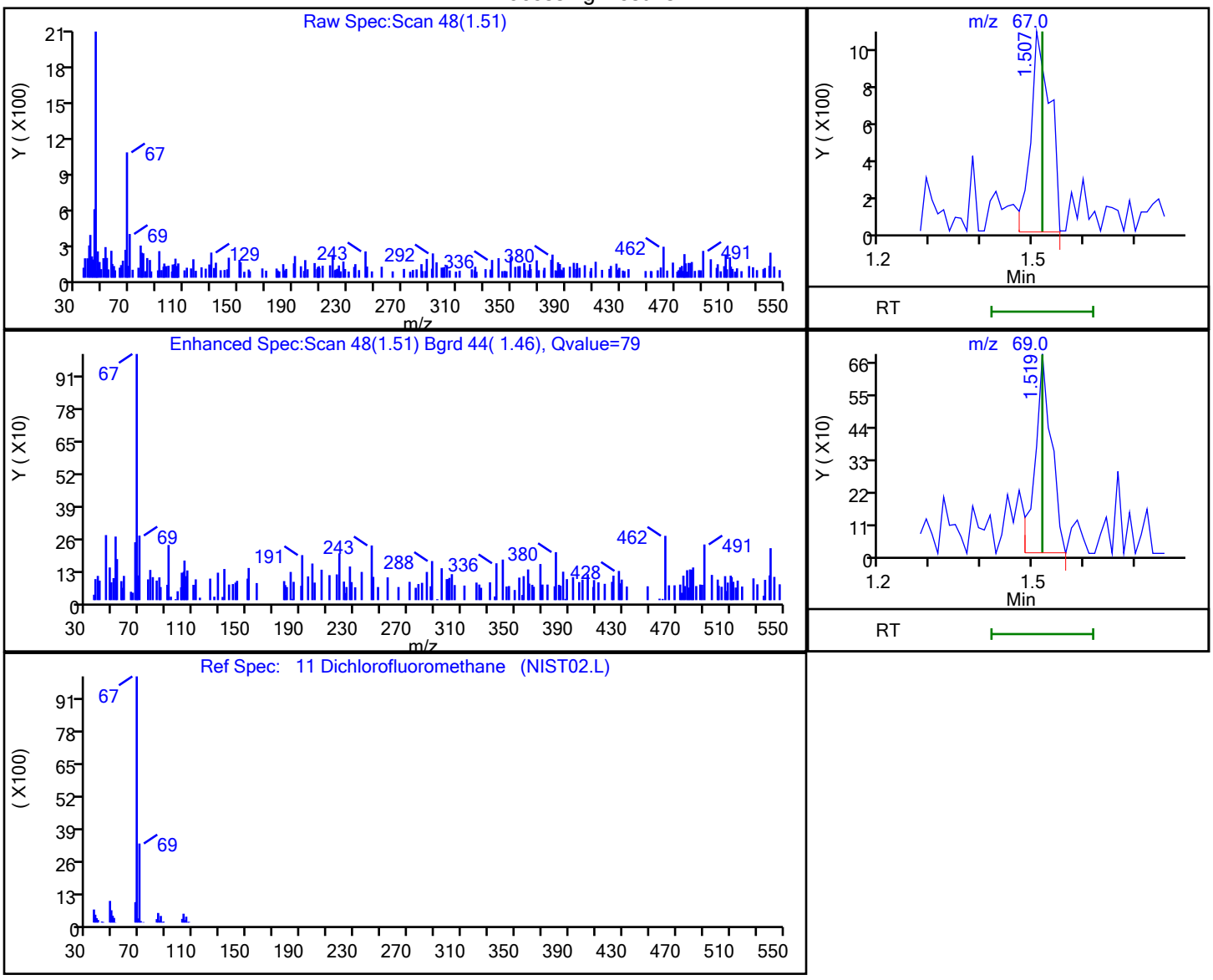
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.51	67.00	2785	0.251790
1.52	69.00	1507	

Reviewer: KG2Q, 21-Feb-2025 08:43:58 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

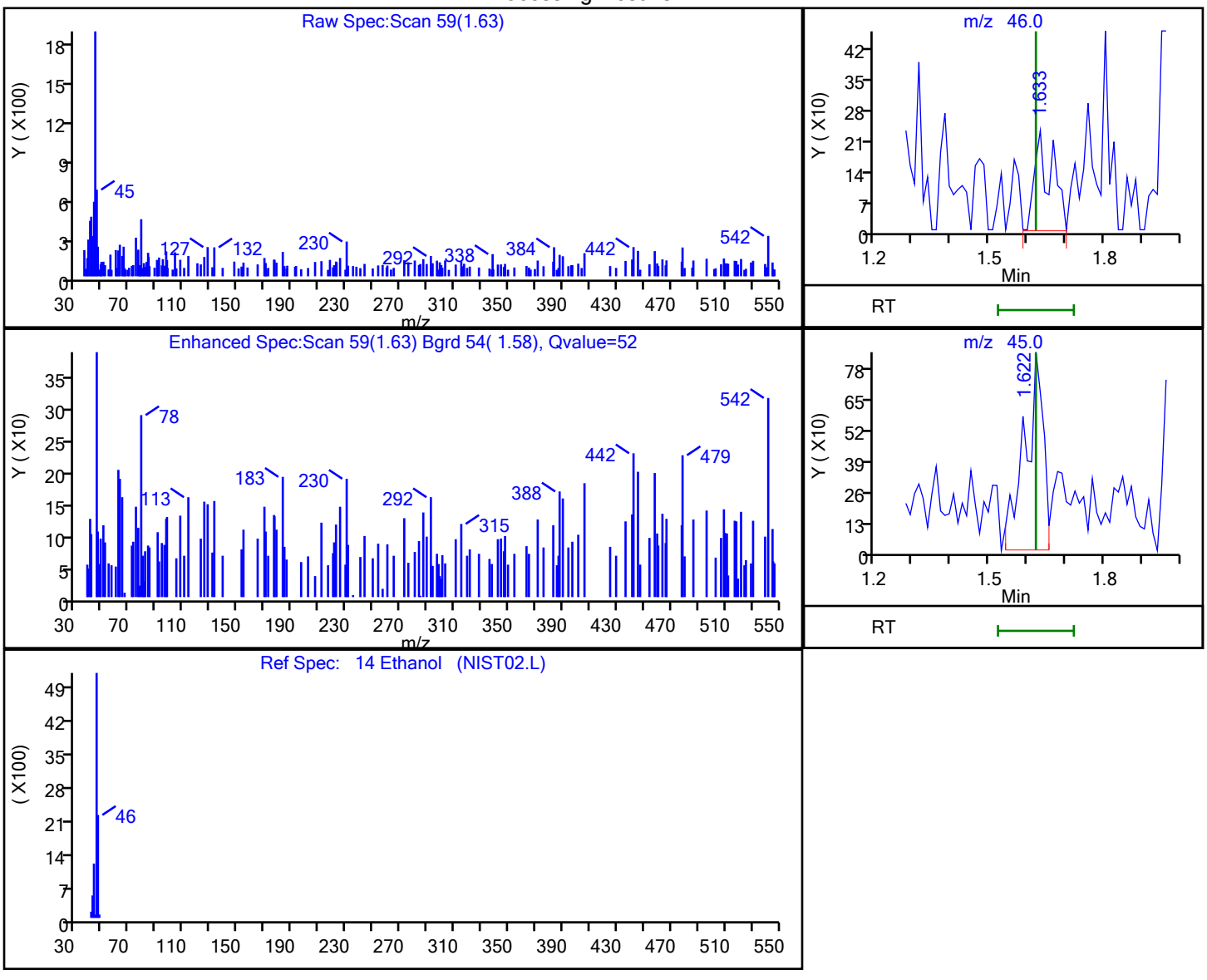
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.63	46.00	713	30.406361
1.62	45.00	2874	

Reviewer: KG2Q, 21-Feb-2025 08:43:59 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

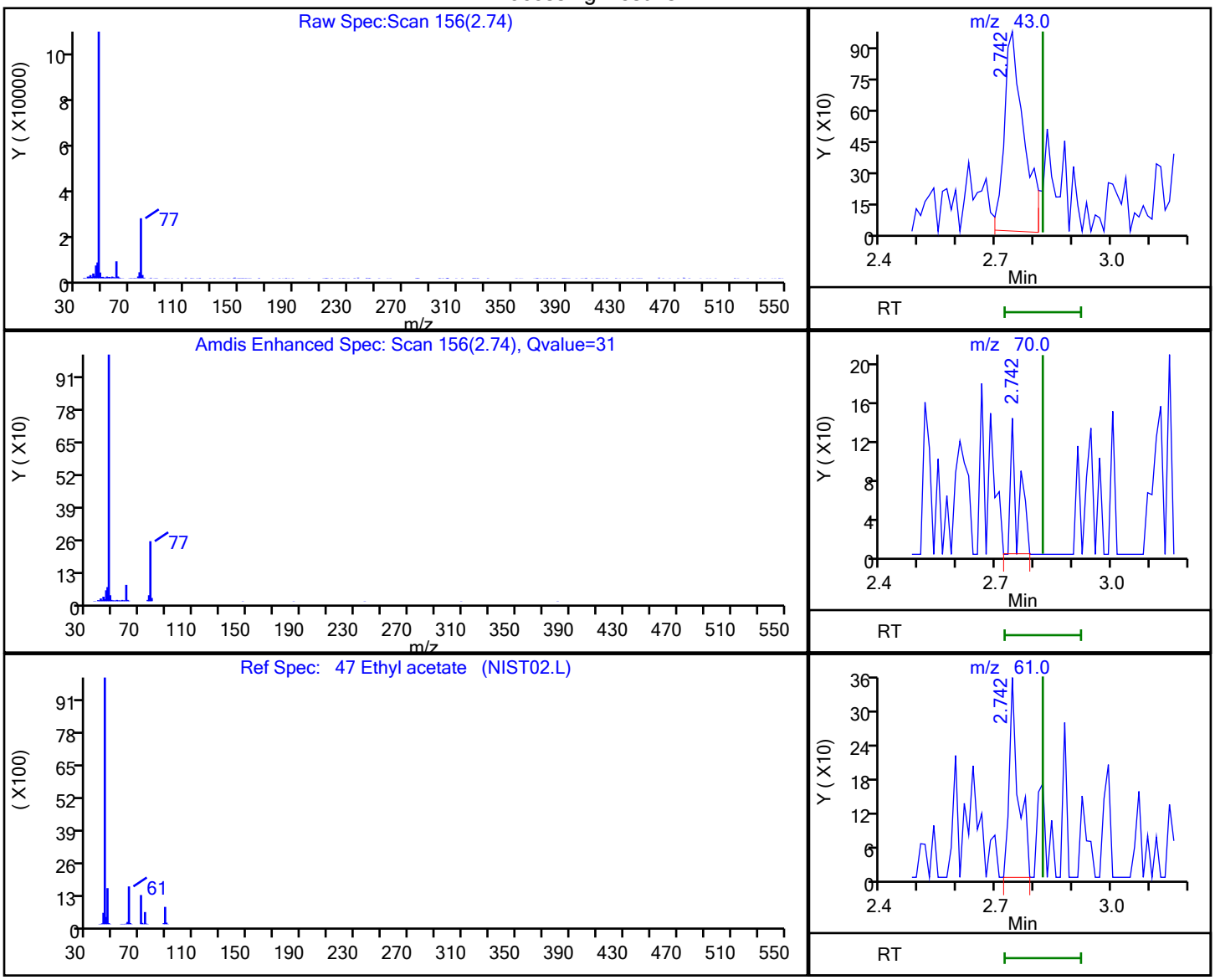
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
2.74	43.00	3412	0.632300
2.74	70.00	189	
2.74	61.00	582	

Reviewer: KG2Q, 21-Feb-2025 08:44:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

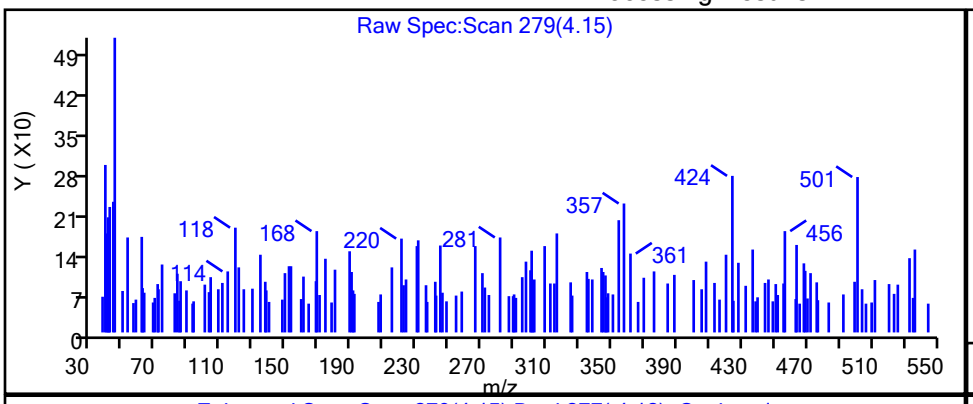
User Disabled Compound Report

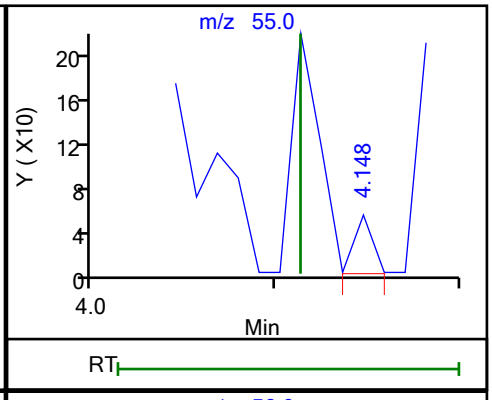
Eurofins Edison

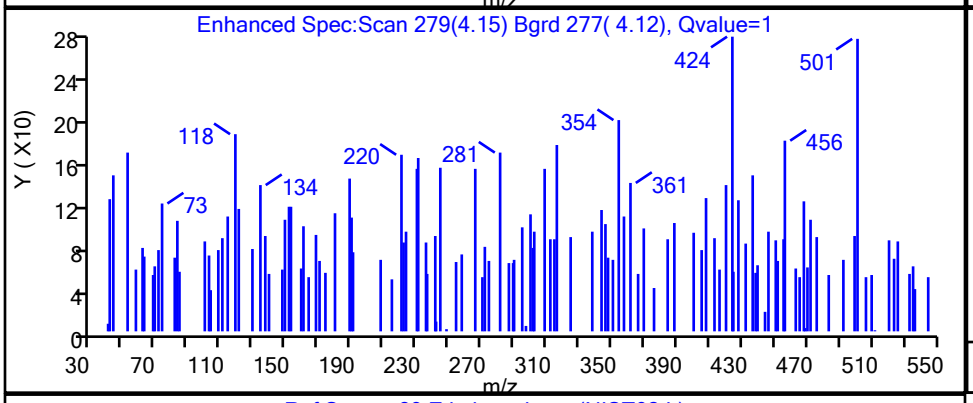
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

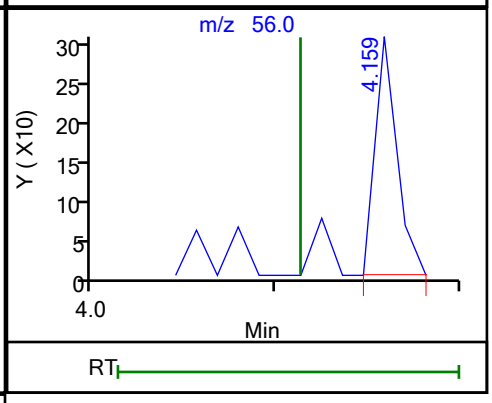
69 Ethyl acrylate, CAS: 140-88-5

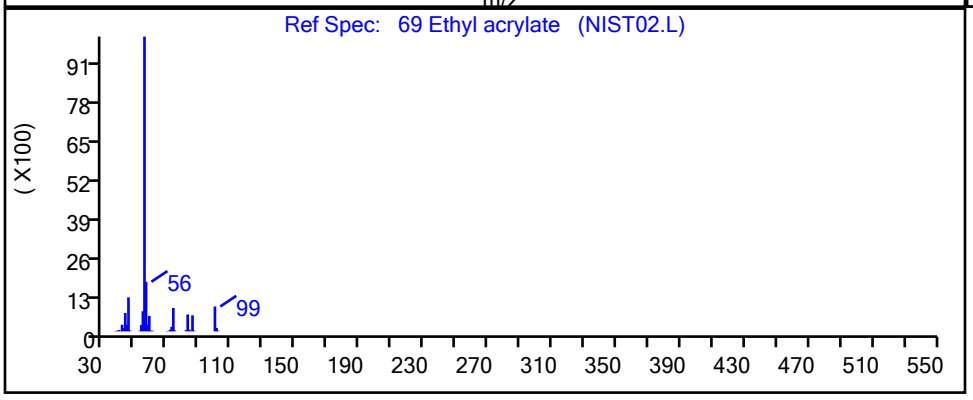
Processing Results











RT	Mass	Response	Amount
4.15	55.00	35	0.010597
4.16	56.00	250	

Reviewer: KG2Q, 21-Feb-2025 08:44:46 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

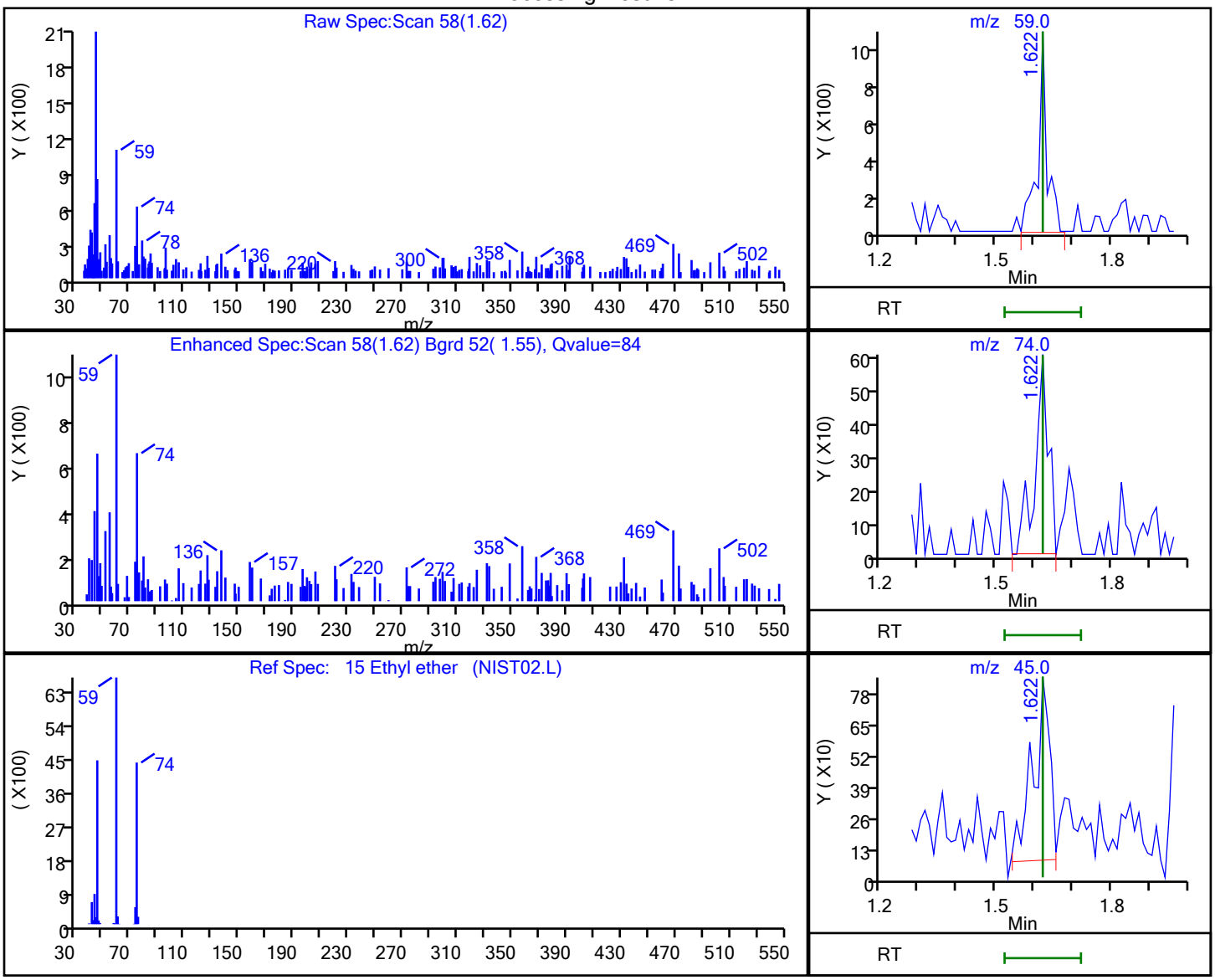
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.62	59.00	1804	0.621612
1.62	74.00	1488	
1.62	45.00	2357	

Reviewer: KG2Q, 21-Feb-2025 08:43:59 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

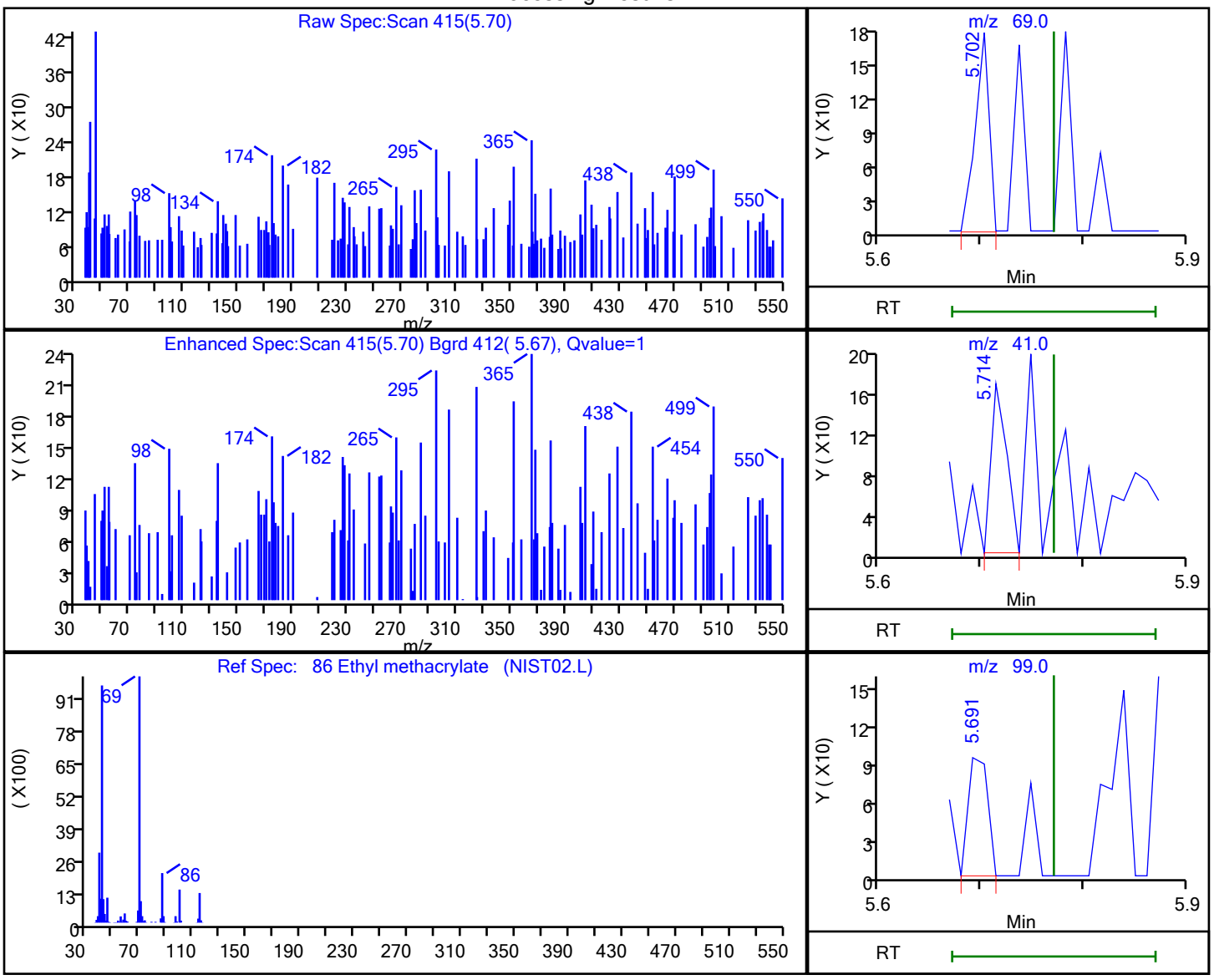
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
5.70	69.00	167	0.044237
5.71	41.00	183	
5.69	99.00	124	

Reviewer: KG2Q, 21-Feb-2025 08:44:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

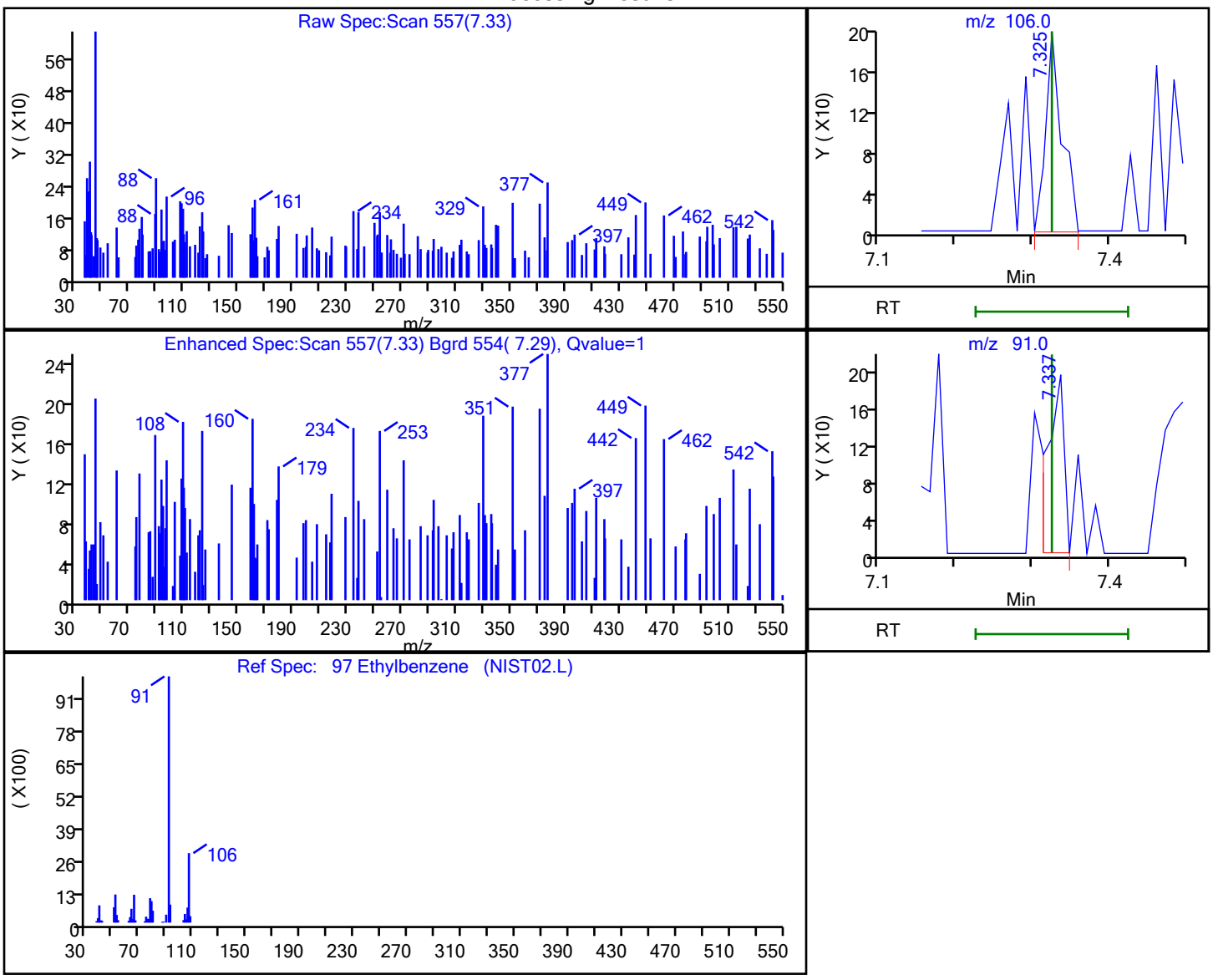
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

97 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
7.33	106.00	288	0.055477
7.34	91.00	297	

Reviewer: KG2Q, 21-Feb-2025 08:45:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

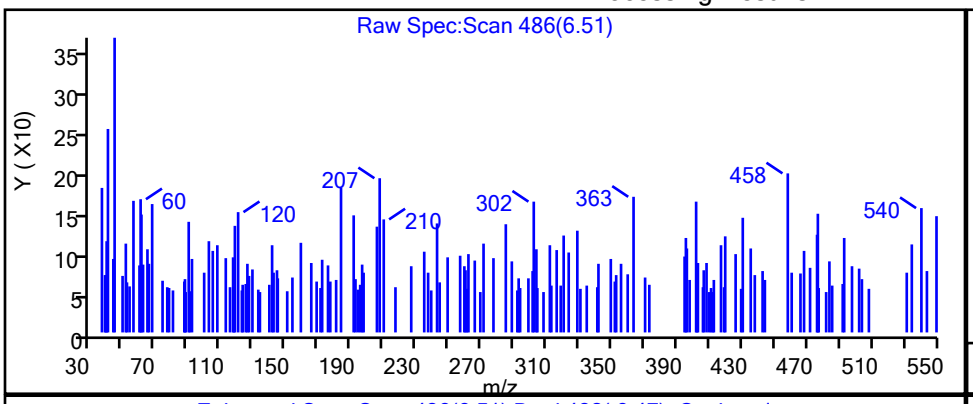
User Disabled Compound Report

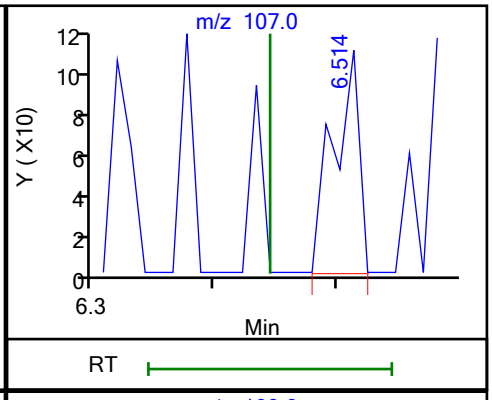
Eurofins Edison

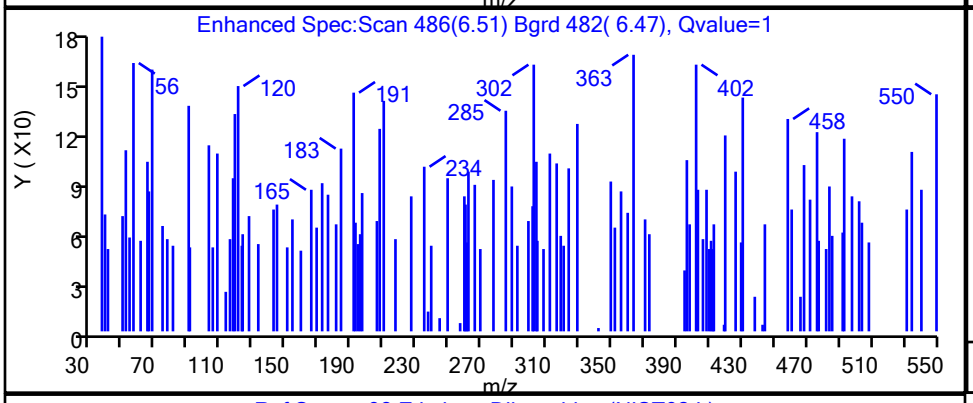
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D				
Injection Date:	20-Feb-2025 12:52:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

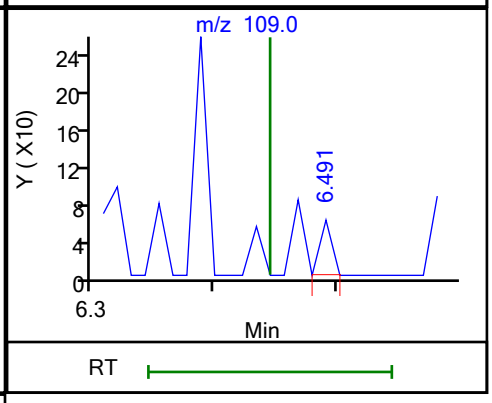
93 Ethylene Dibromide, CAS: 106-93-4

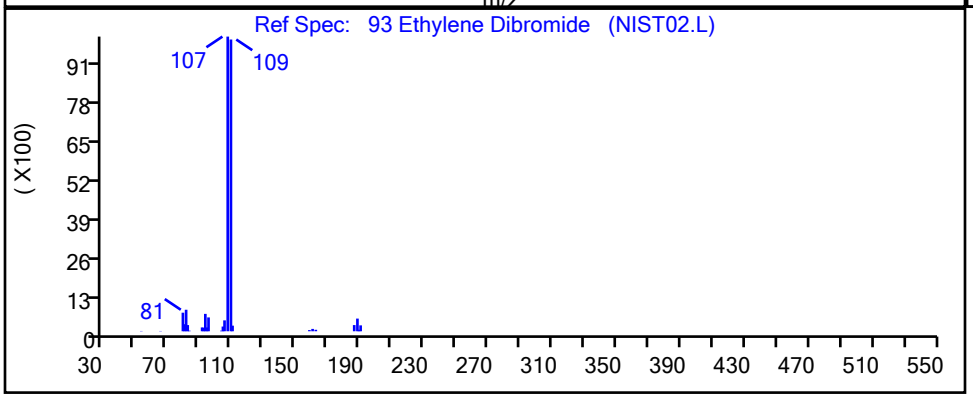
Processing Results











RT	Mass	Response	Amount
6.51	107.00	158	0.053679
6.49	109.00	41	

Reviewer: KG2Q, 21-Feb-2025 08:45:08 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

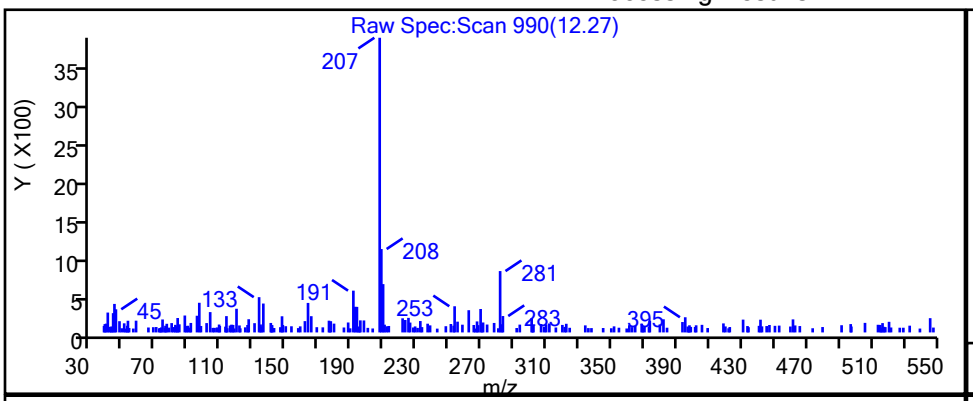
User Disabled Compound Report

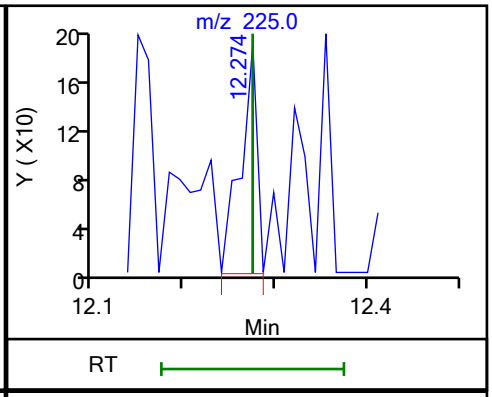
Eurofins Edison

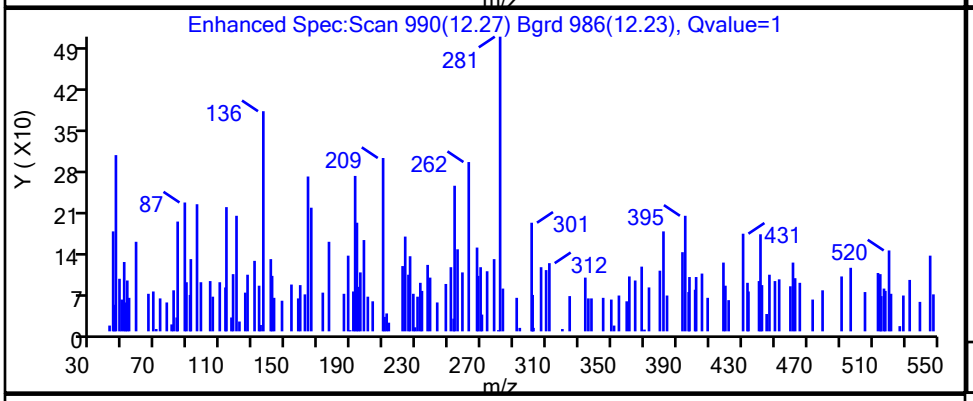
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

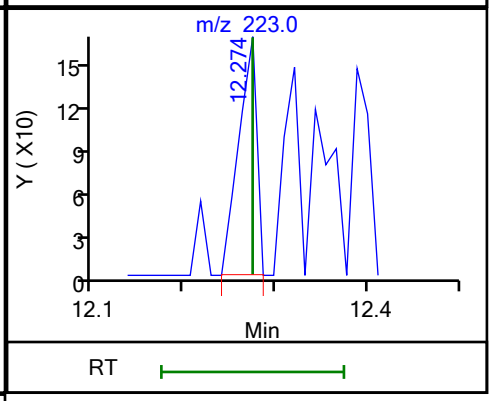
133 Hexachlorobutadiene, CAS: 87-68-3

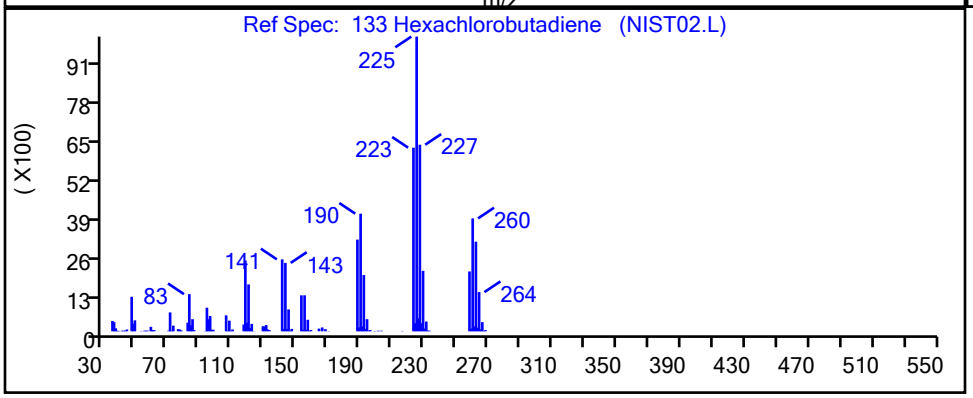
Processing Results











RT	Mass	Response	Amount
12.27	225.00	239	0.090452
12.27	223.00	227	

Reviewer: KG2Q, 21-Feb-2025 08:45:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

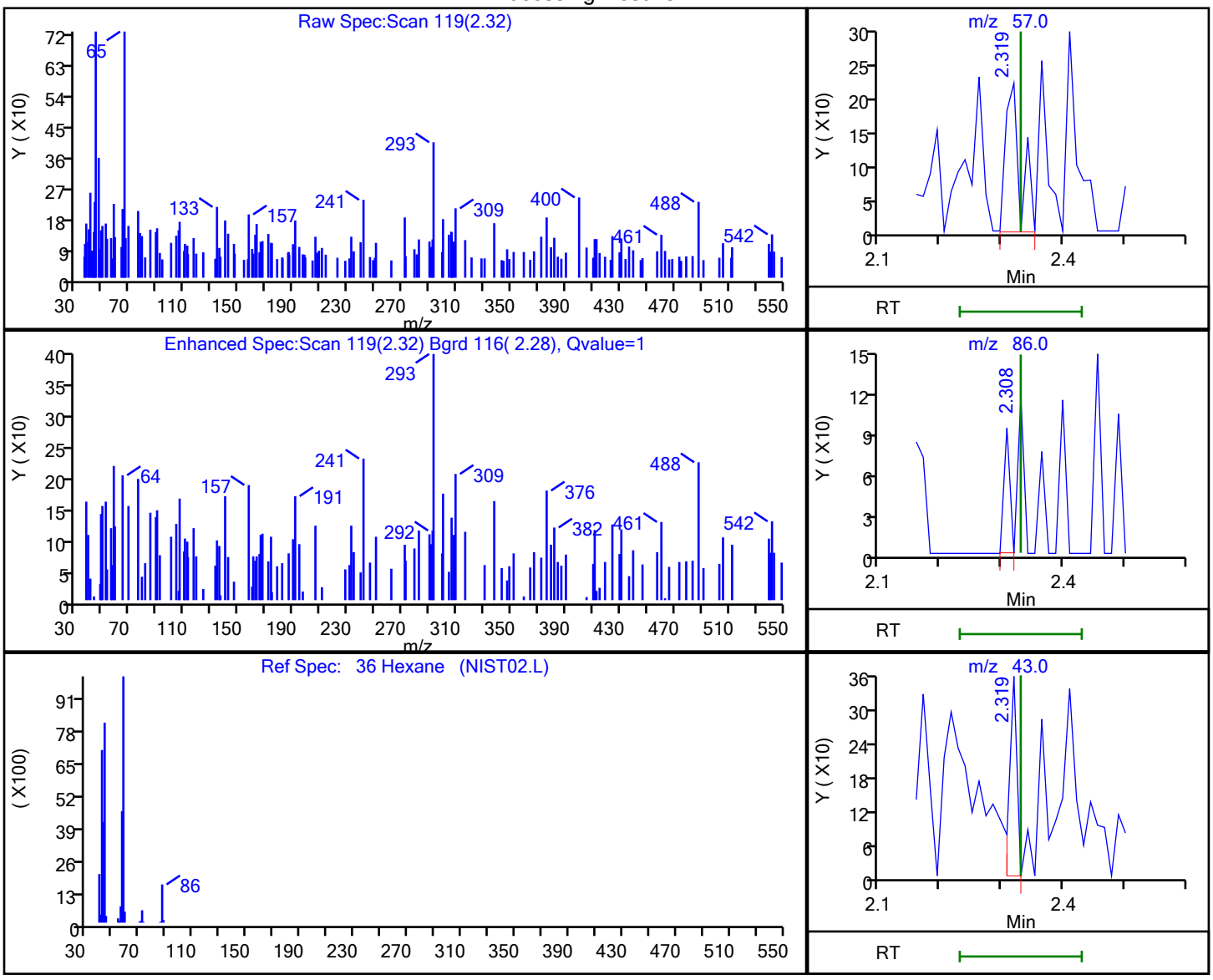
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.32	57.00	366	0.083251
2.31	86.00	62	
2.32	43.00	297	
2.31	56.00	253	

Reviewer: KG2Q, 21-Feb-2025 08:44:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

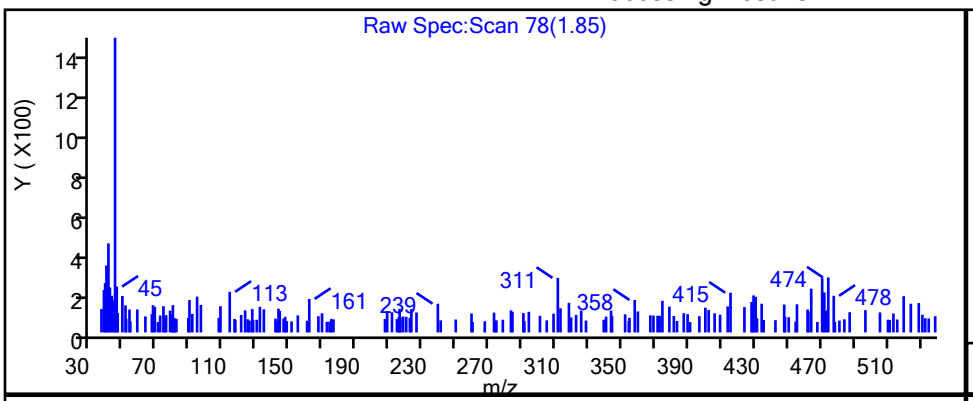
User Disabled Compound Report

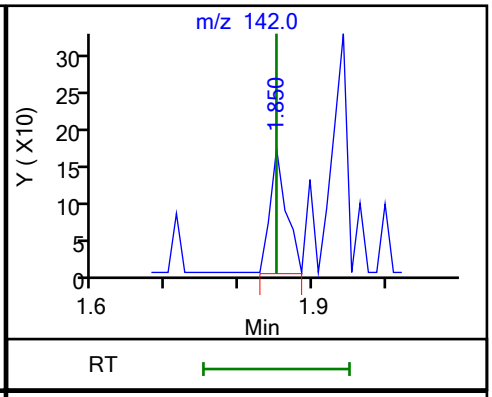
Eurofins Edison

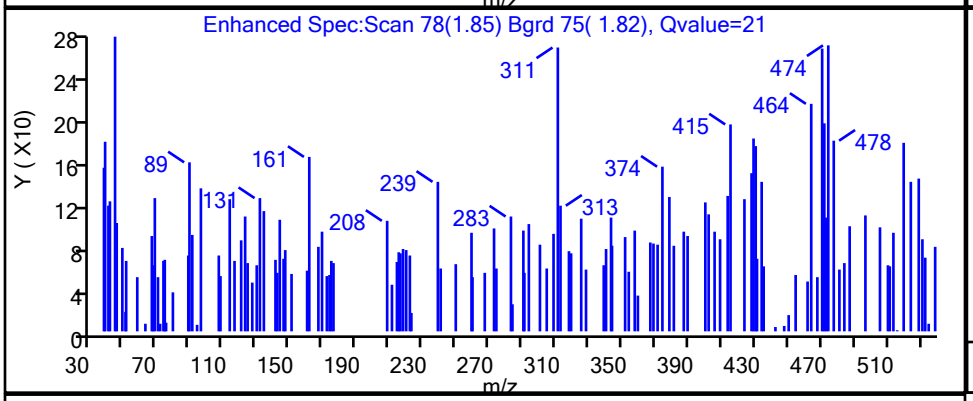
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

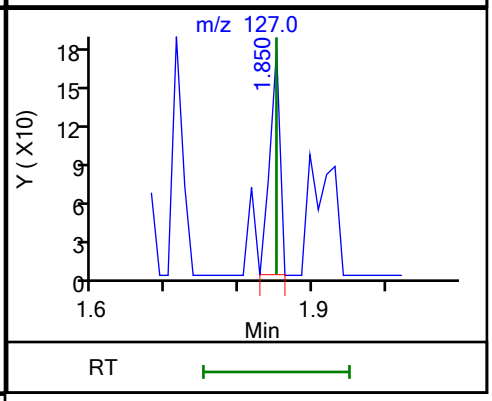
23 Iodomethane, CAS: 74-88-4

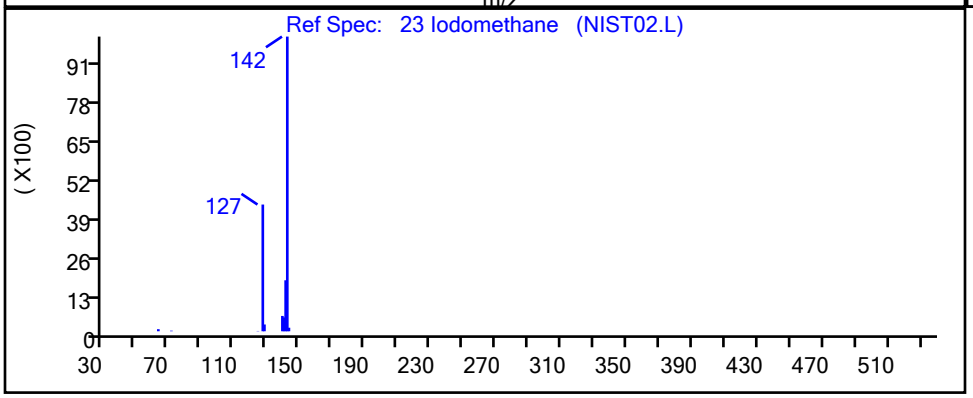
Processing Results











RT	Mass	Response	Amount
1.85	142.00	259	0.029490
1.85	127.00	167	

Reviewer: KG2Q, 21-Feb-2025 08:44:05 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

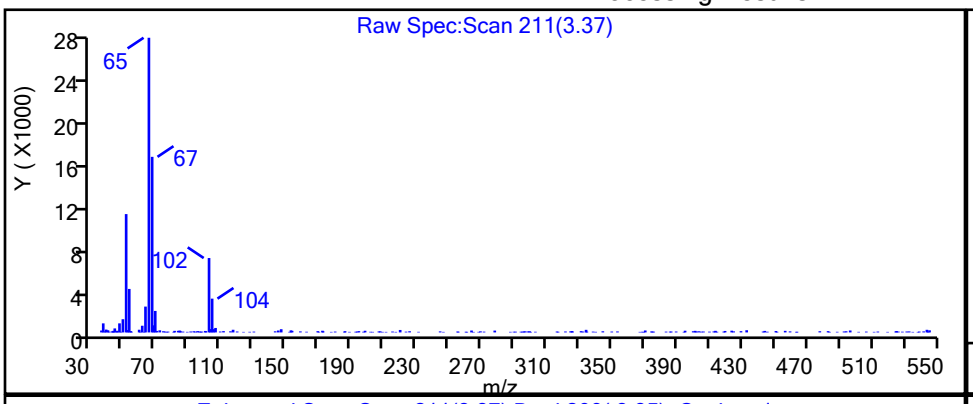
User Disabled Compound Report

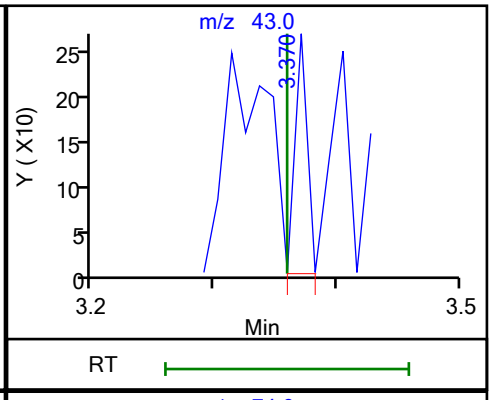
Eurofins Edison

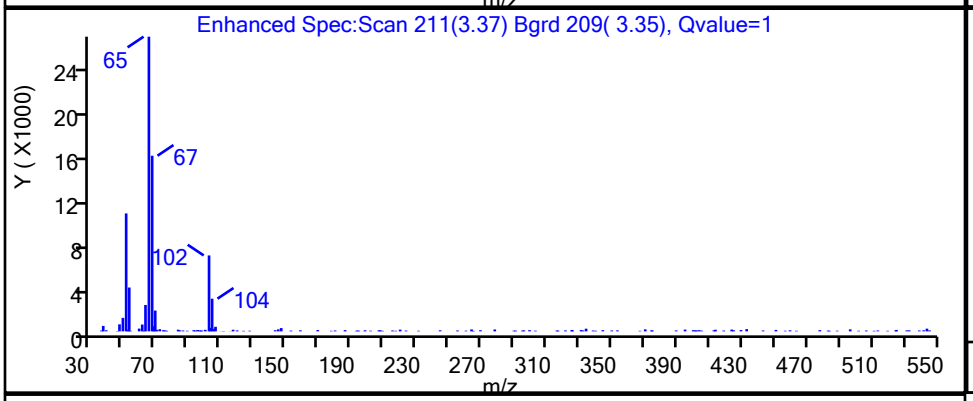
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

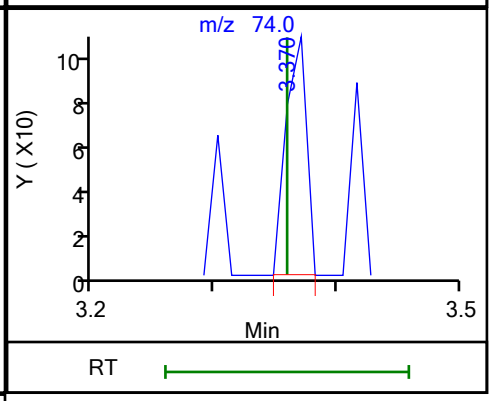
61 Isobutyl alcohol, CAS: 78-83-1

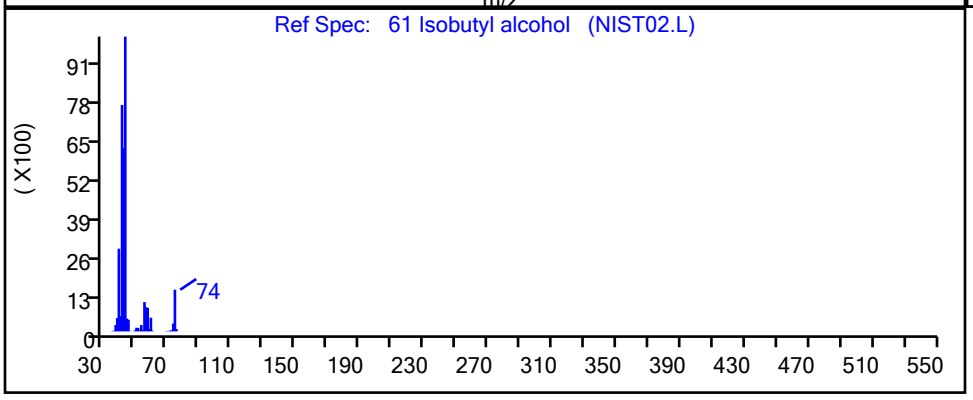
Processing Results











RT	Mass	Response	Amount
3.37	43.00	179	1.654962
3.37	74.00	128	

Reviewer: KG2Q, 21-Feb-2025 08:44:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

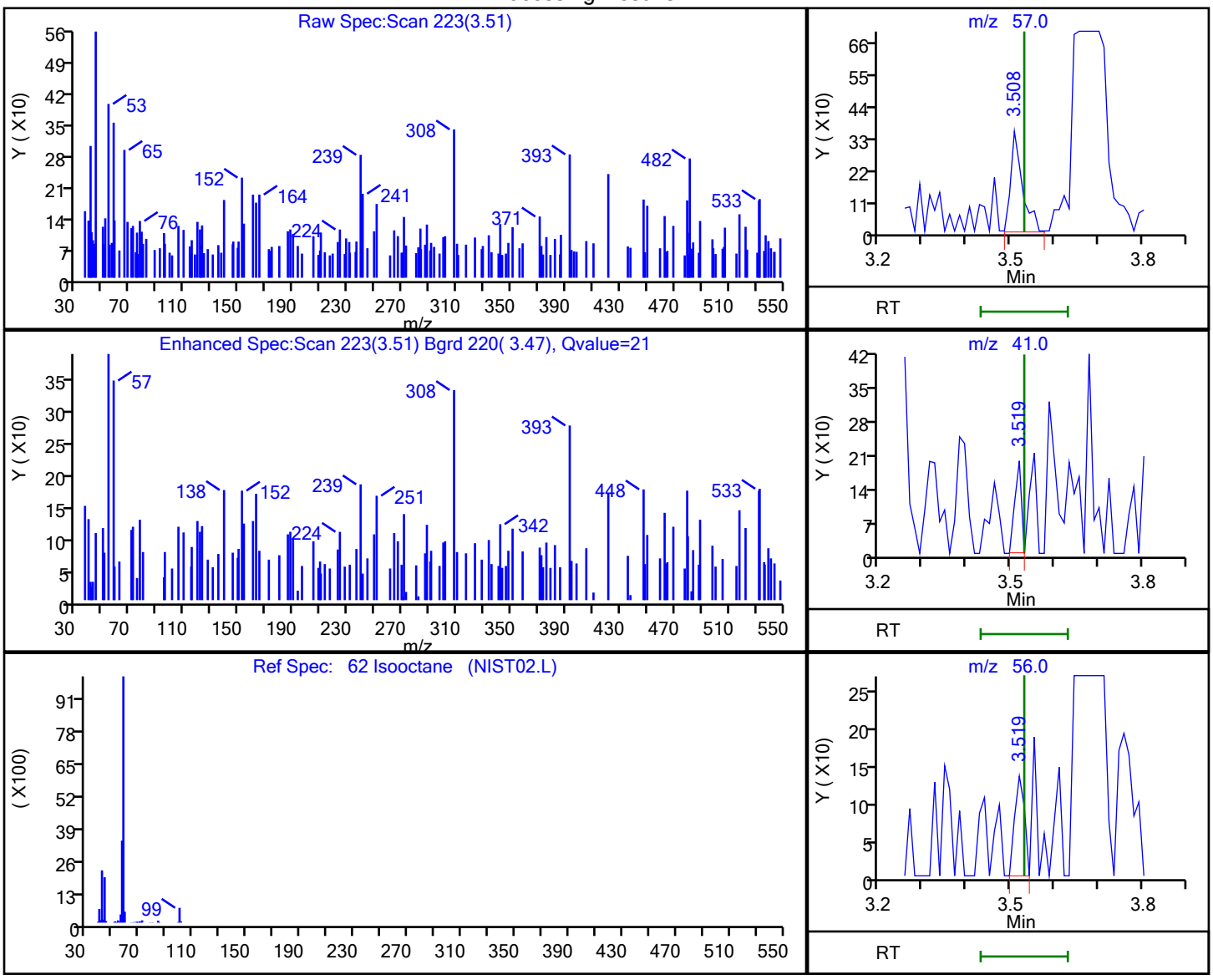
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.51	57.00	640	0.054790
3.52	41.00	202	
3.52	56.00	210	

Reviewer: KG2Q, 21-Feb-2025 08:44:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

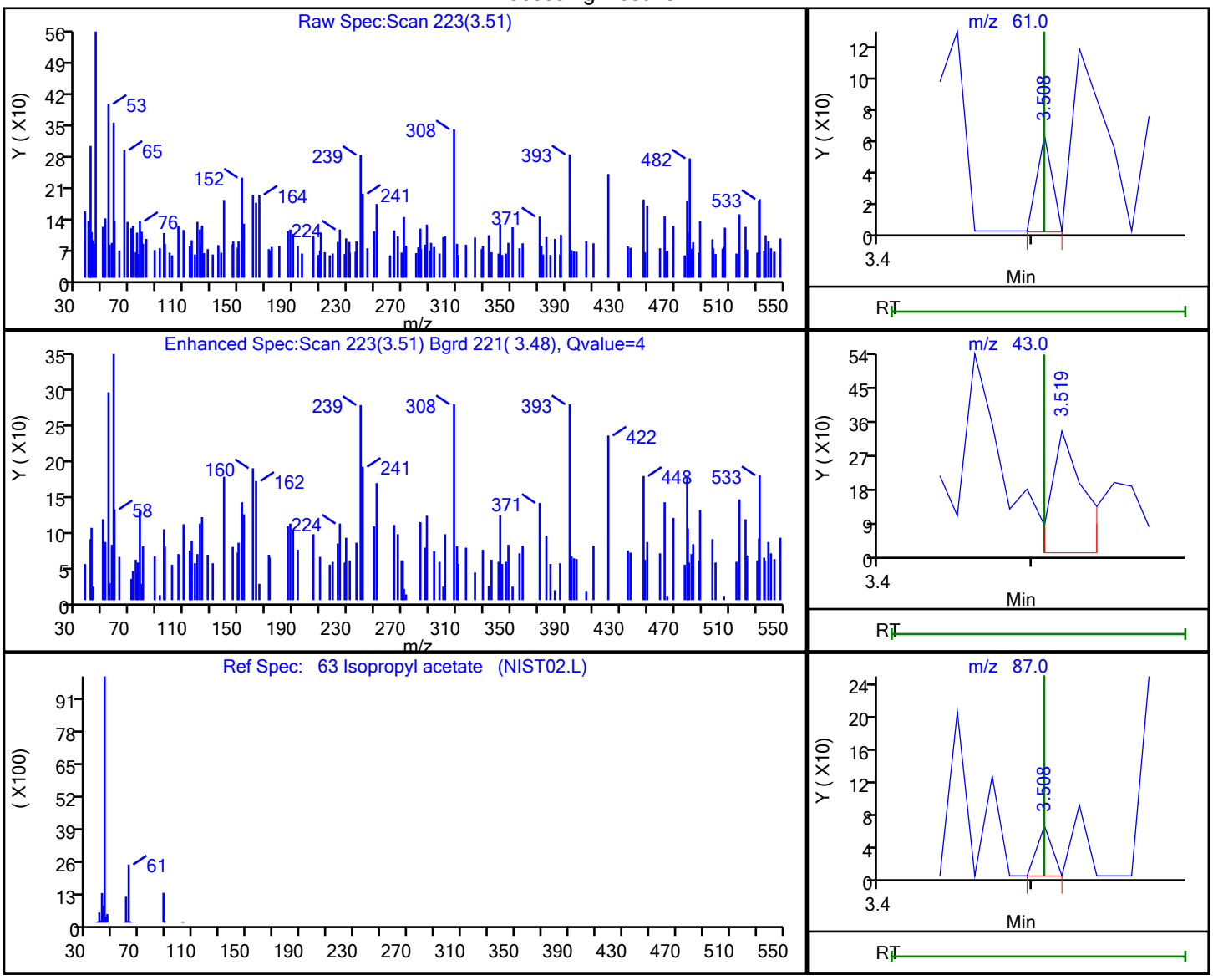
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
3.51	61.00	42	0.034583
3.52	43.00	497	
3.51	87.00	43	

Reviewer: KG2Q, 21-Feb-2025 08:44:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

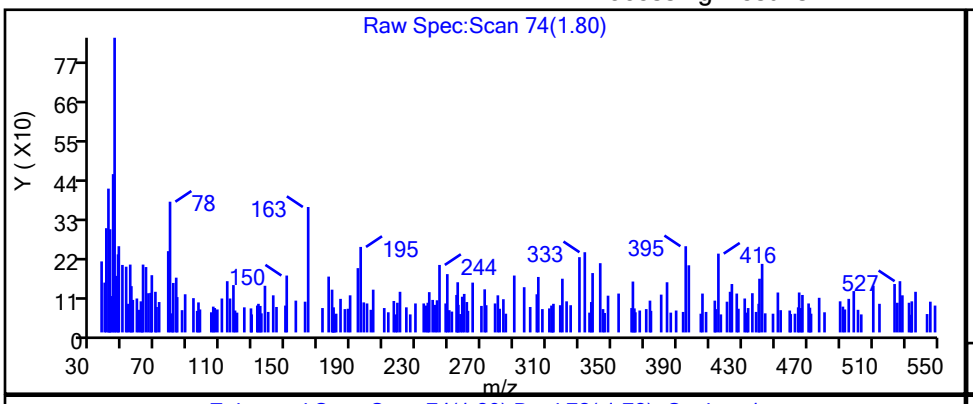
User Disabled Compound Report

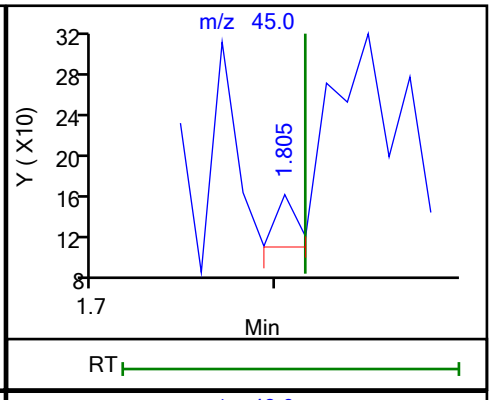
Eurofins Edison

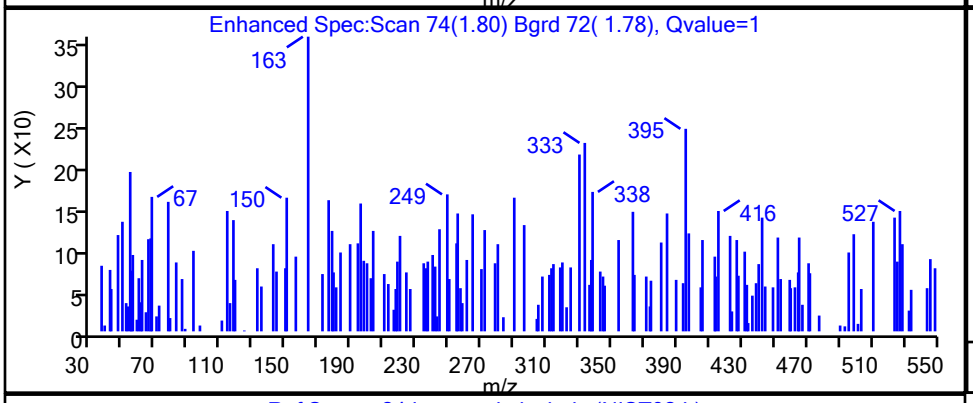
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

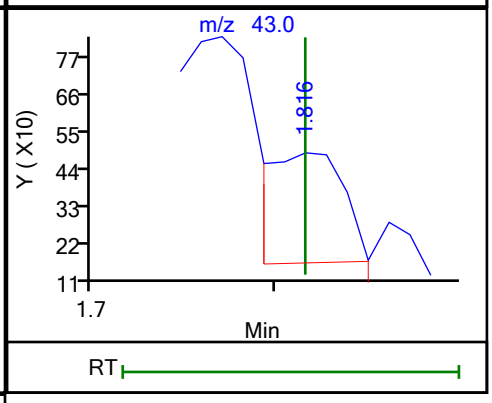
24 Isopropyl alcohol, CAS: 67-63-0

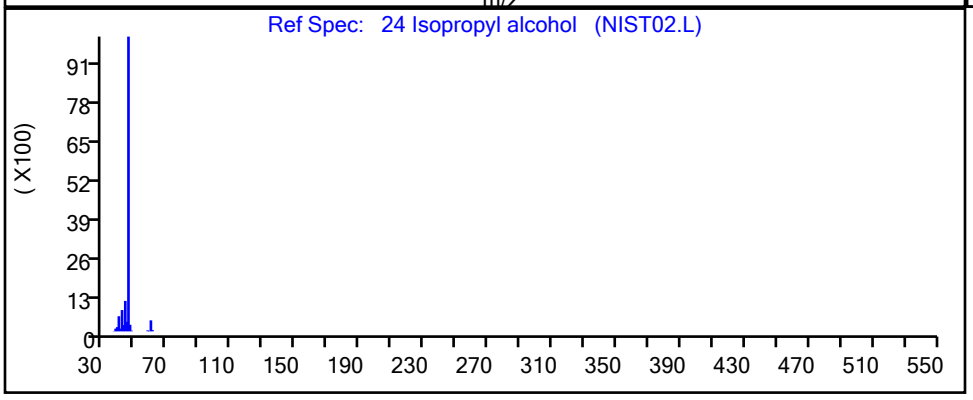
Processing Results











RT	Mass	Response	Amount
1.80	45.00	40	-4.250690
1.82	43.00	994	

Reviewer: KG2Q, 21-Feb-2025 08:44:05 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

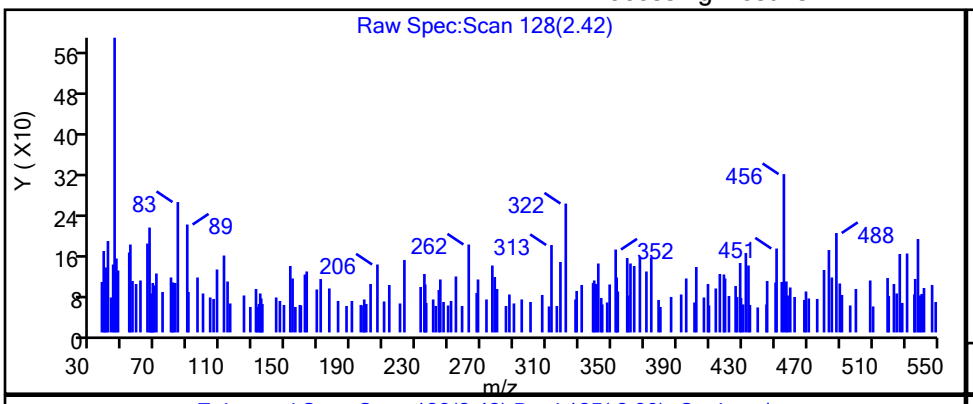
User Disabled Compound Report

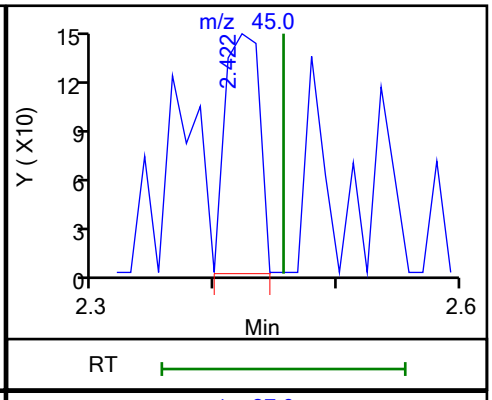
Eurofins Edison

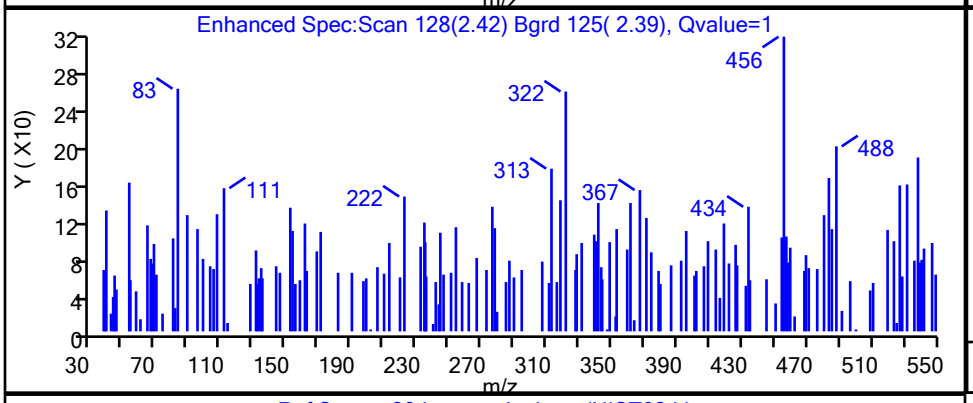
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

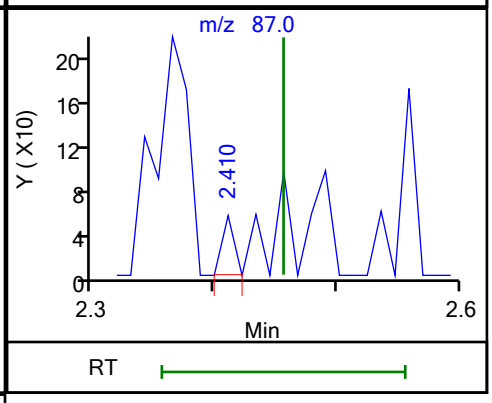
39 Isopropyl ether, CAS: 108-20-3

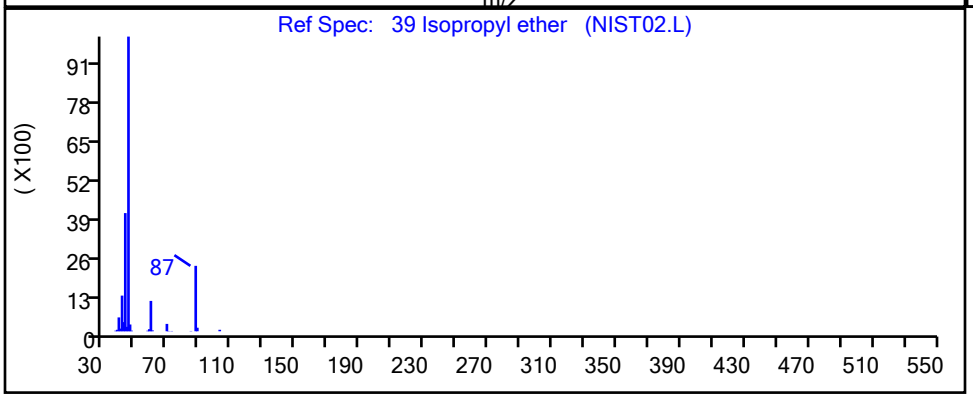
Processing Results











RT	Mass	Response	Amount
2.42	45.00	290	0.024057
2.41	87.00	36	

Reviewer: KG2Q, 21-Feb-2025 08:44:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

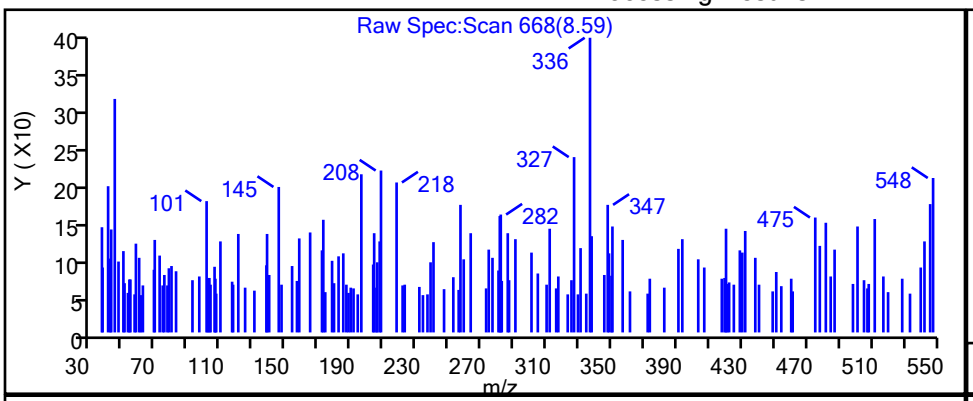
User Disabled Compound Report

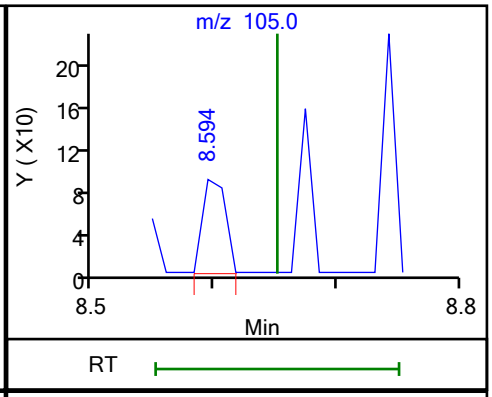
Eurofins Edison

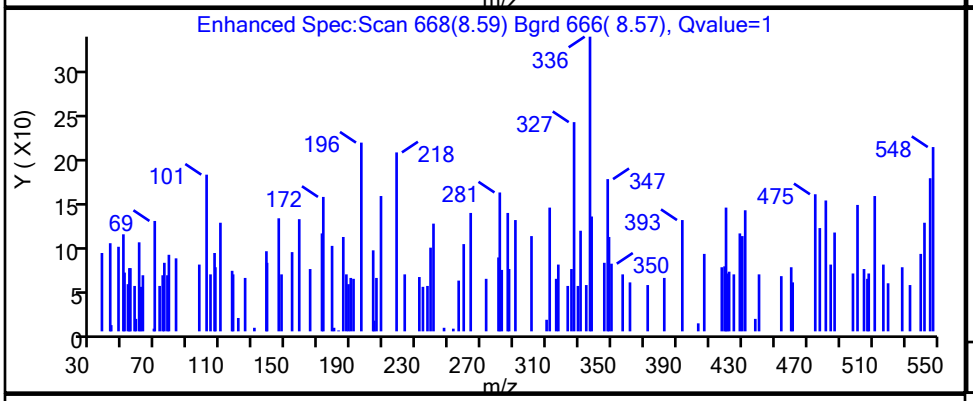
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

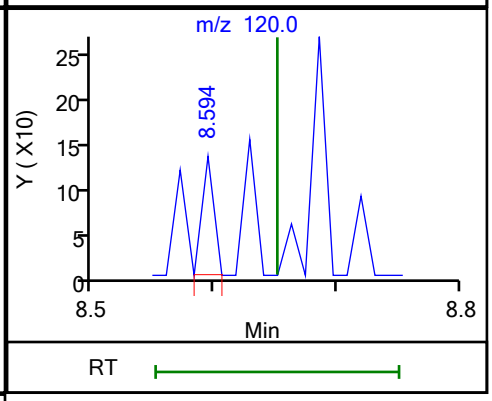
104 Isopropylbenzene, CAS: 98-82-8

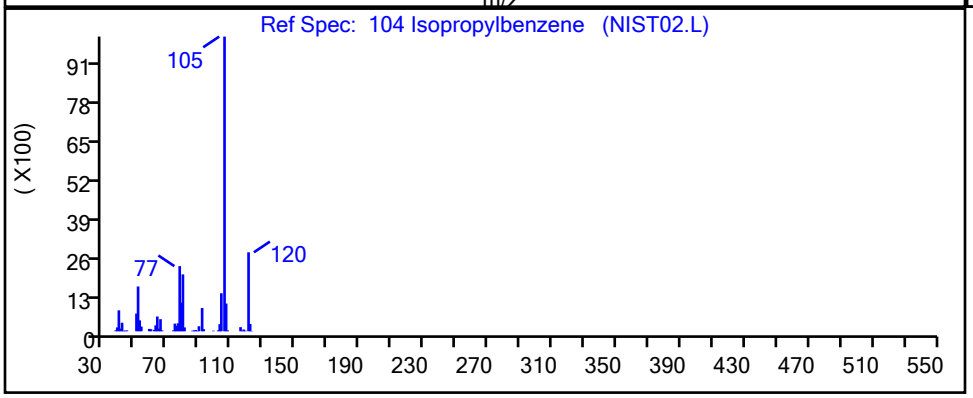
Processing Results











RT	Mass	Response	Amount
8.59	105.00	115	0.007150
8.59	120.00	90	

Reviewer: KG2Q, 21-Feb-2025 08:45:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

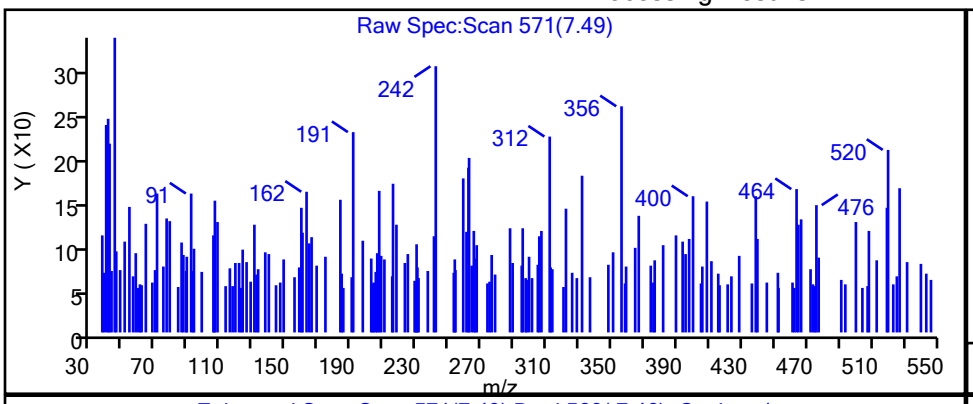
User Disabled Compound Report

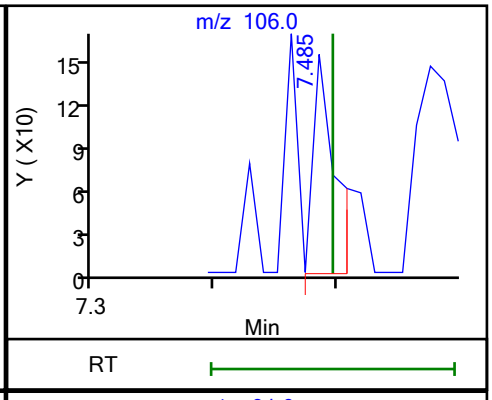
Eurofins Edison

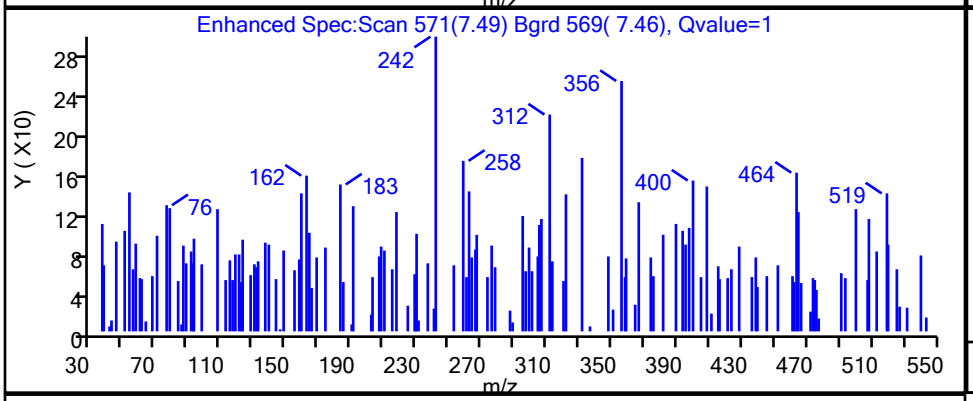
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

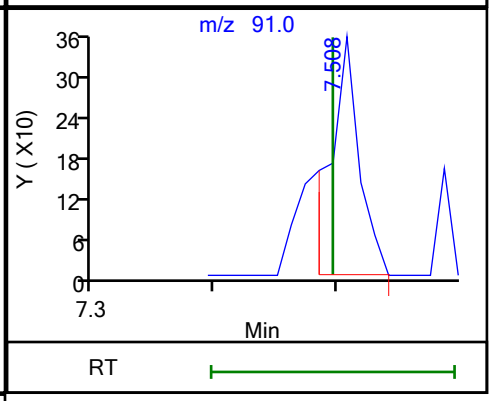
98 m-Xylene & p-Xylene, CAS: 179601-23-1

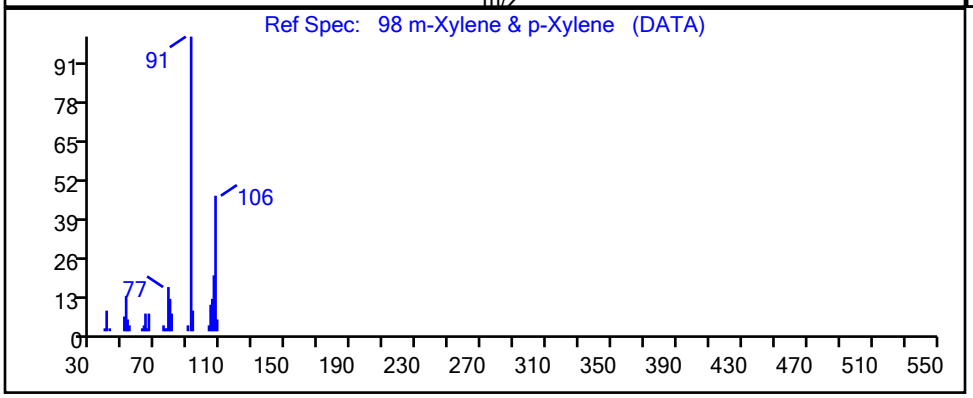
Processing Results











RT	Mass	Response	Amount
7.49	106.00	186	0.028783
7.51	91.00	601	

Reviewer: KG2Q, 21-Feb-2025 08:45:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

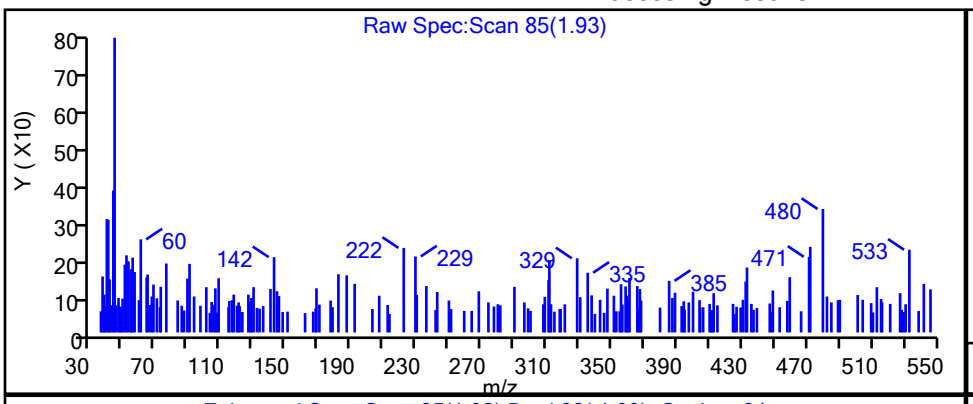
User Disabled Compound Report

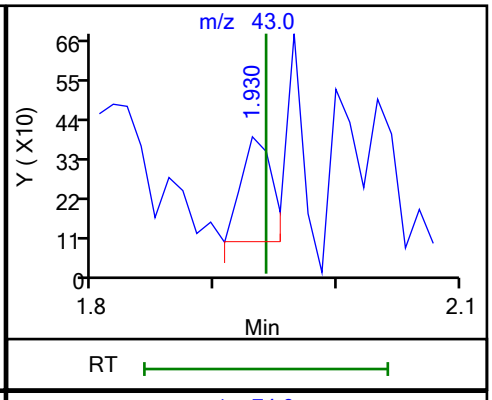
Eurofins Edison

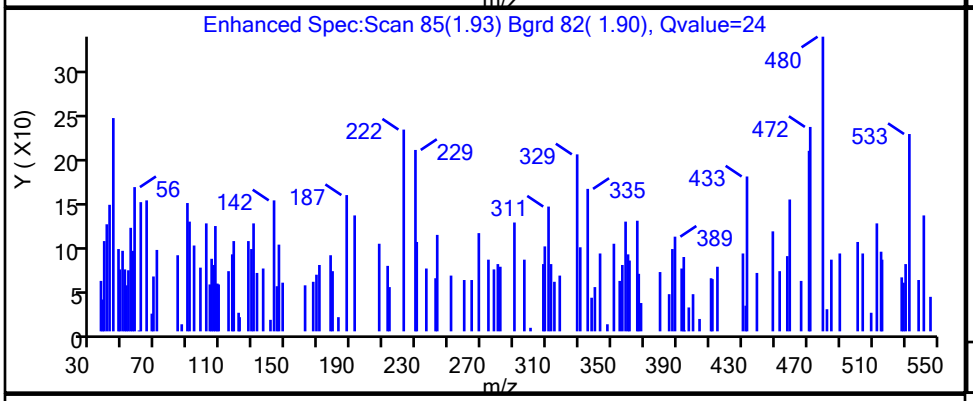
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

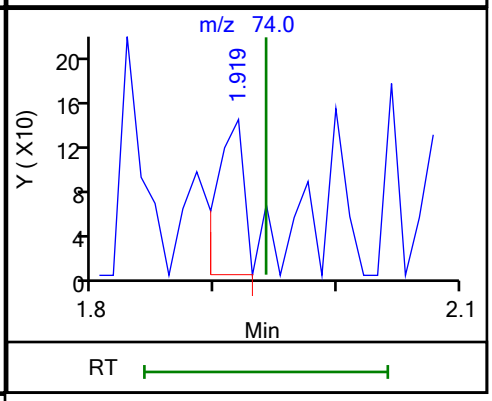
28 Methyl acetate, CAS: 79-20-9

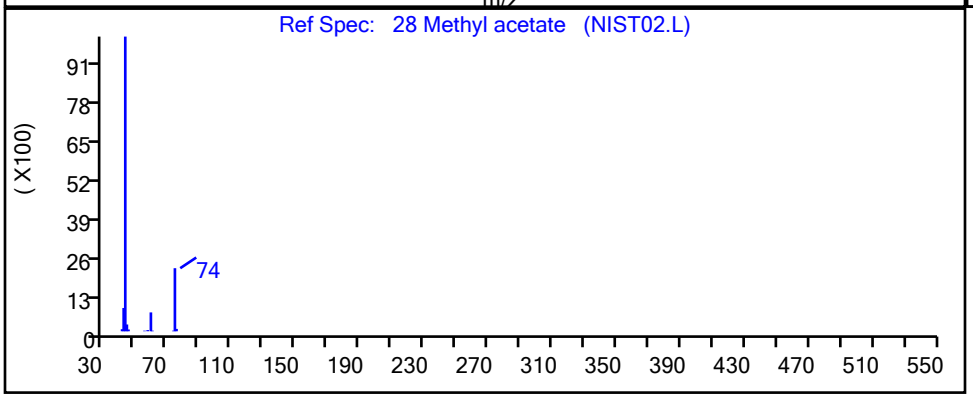
Processing Results











RT	Mass	Response	Amount
1.93	43.00	536	0.335020
1.92	74.00	219	

Reviewer: KG2Q, 21-Feb-2025 08:44:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

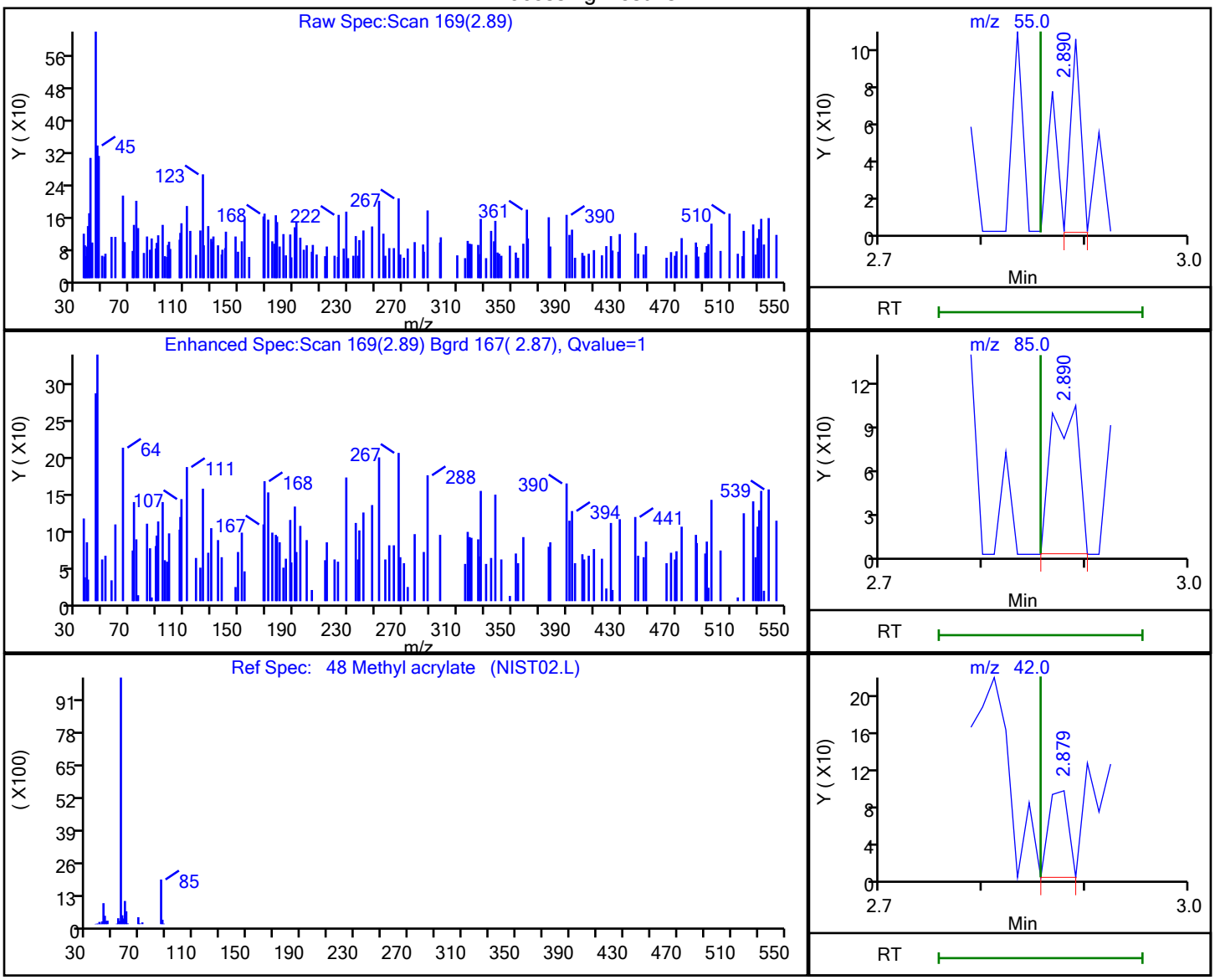
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
2.89	55.00	71	0.021990
2.89	85.00	185	
2.88	42.00	126	

Reviewer: KG2Q, 21-Feb-2025 08:44:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

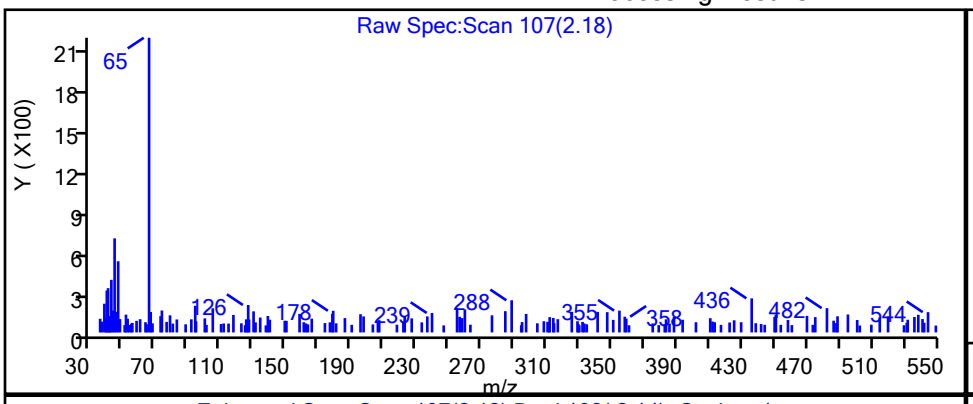
User Disabled Compound Report

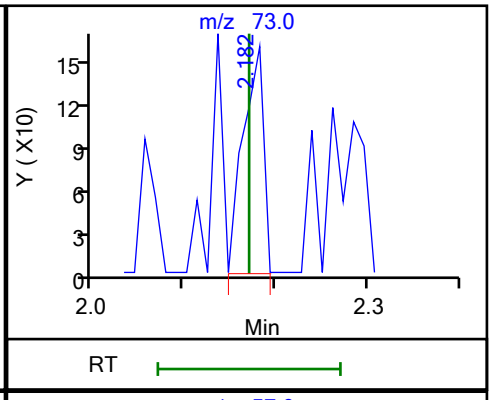
Eurofins Edison

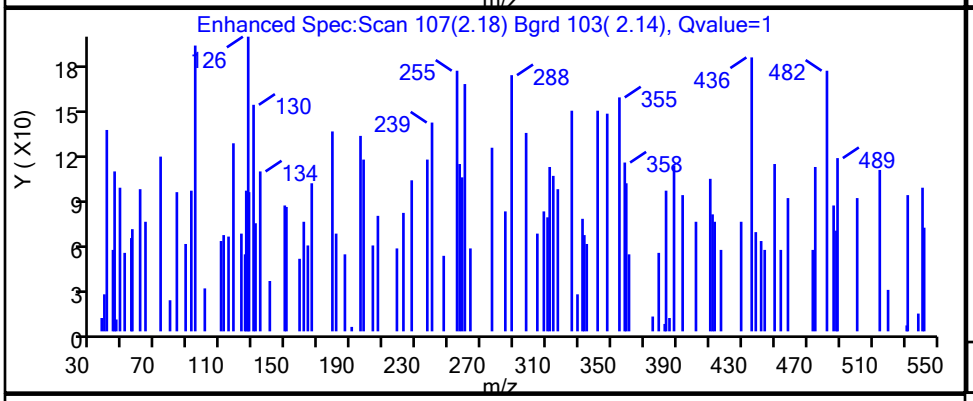
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

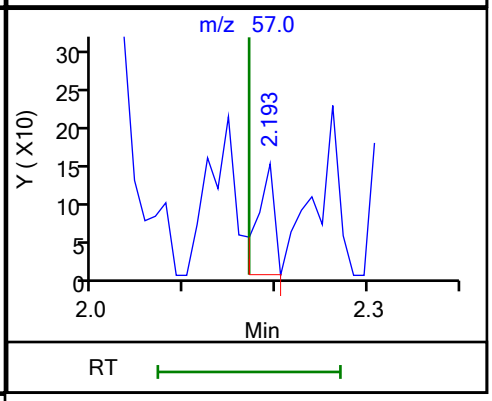
35 Methyl tert-butyl ether, CAS: 1634-04-4

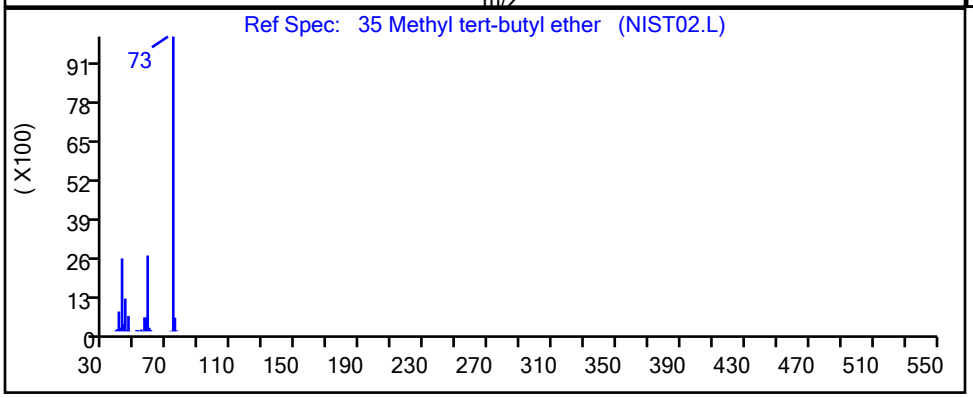
Processing Results











RT	Mass	Response	Amount
2.18	73.00	247	0.021503
2.19	57.00	195	

Reviewer: KG2Q, 21-Feb-2025 08:44:20 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

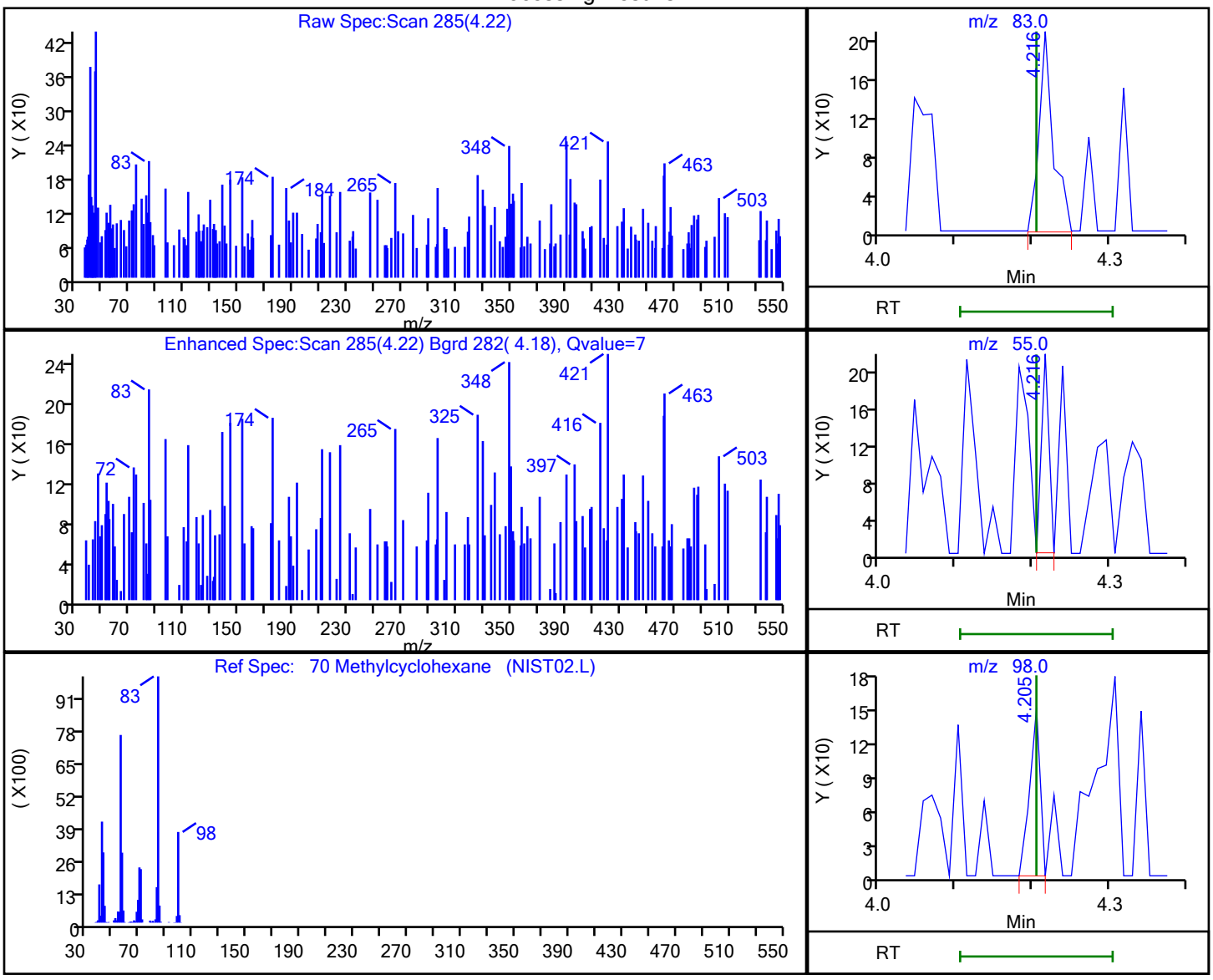
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
4.22	83.00	268	0.042624
4.22	55.00	150	
4.20	98.00	139	

Reviewer: KG2Q, 21-Feb-2025 08:44:46 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

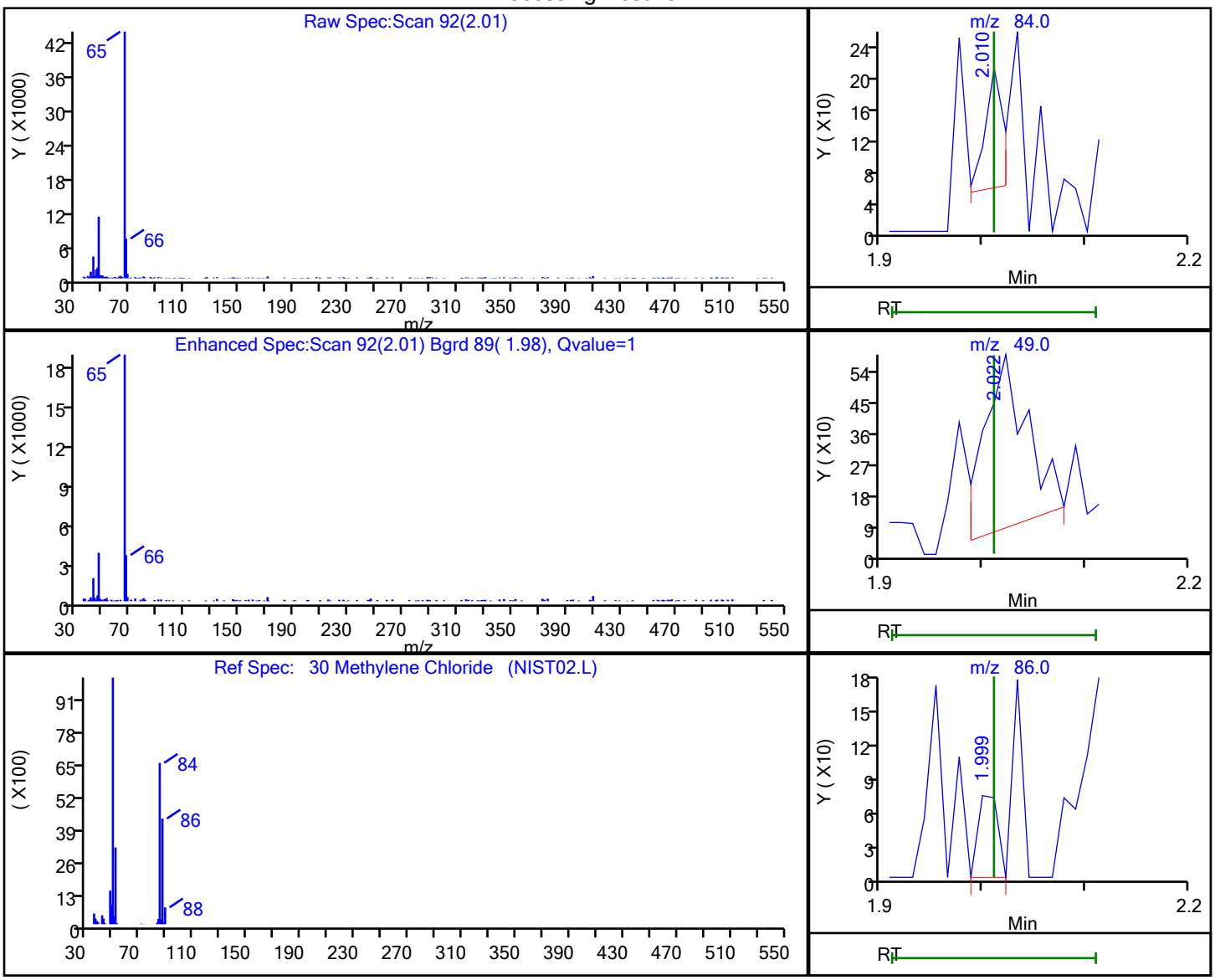
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.01	84.00	193	0.043436
2.02	49.00	1511	
2.00	86.00	97	

Reviewer: KG2Q, 21-Feb-2025 08:44:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

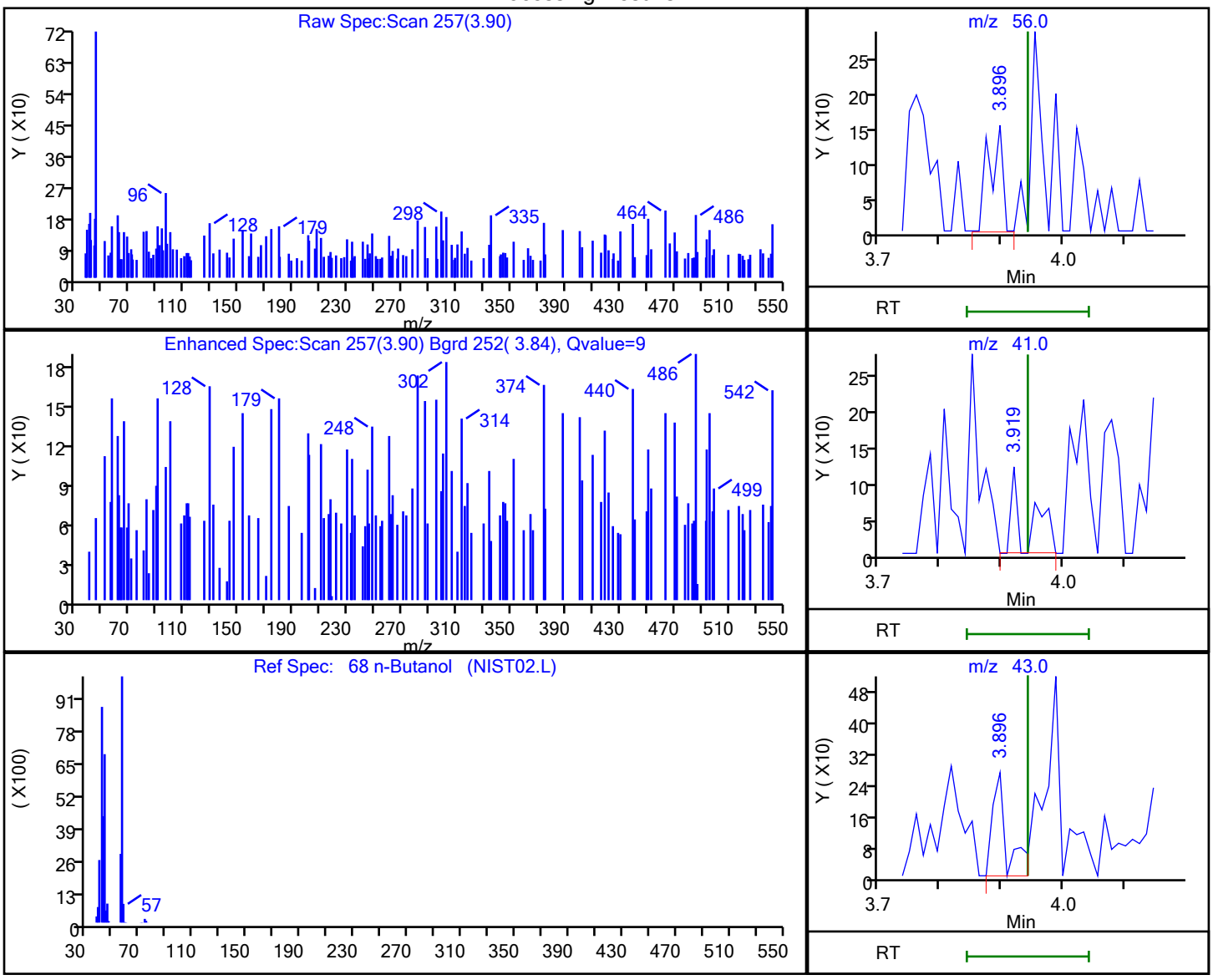
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D				
Injection Date:	20-Feb-2025 12:52:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
3.90	56.00	233	5.879905
3.92	41.00	210	
3.90	43.00	443	

Reviewer: KG2Q, 21-Feb-2025 08:44:39 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

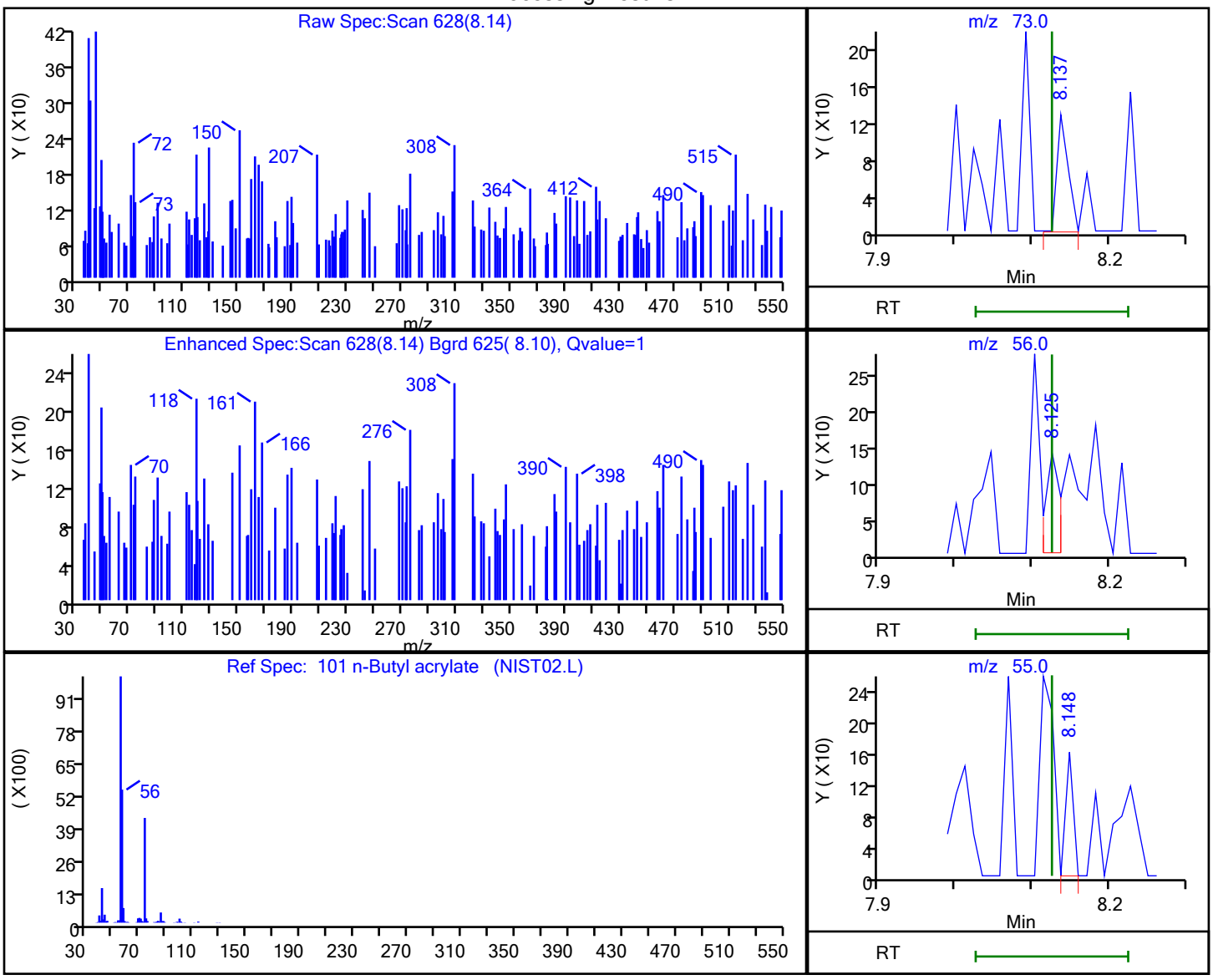
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

101 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.14	73.00	128	0.051382
8.13	56.00	182	
8.15	55.00	110	

Reviewer: KG2Q, 21-Feb-2025 08:45:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

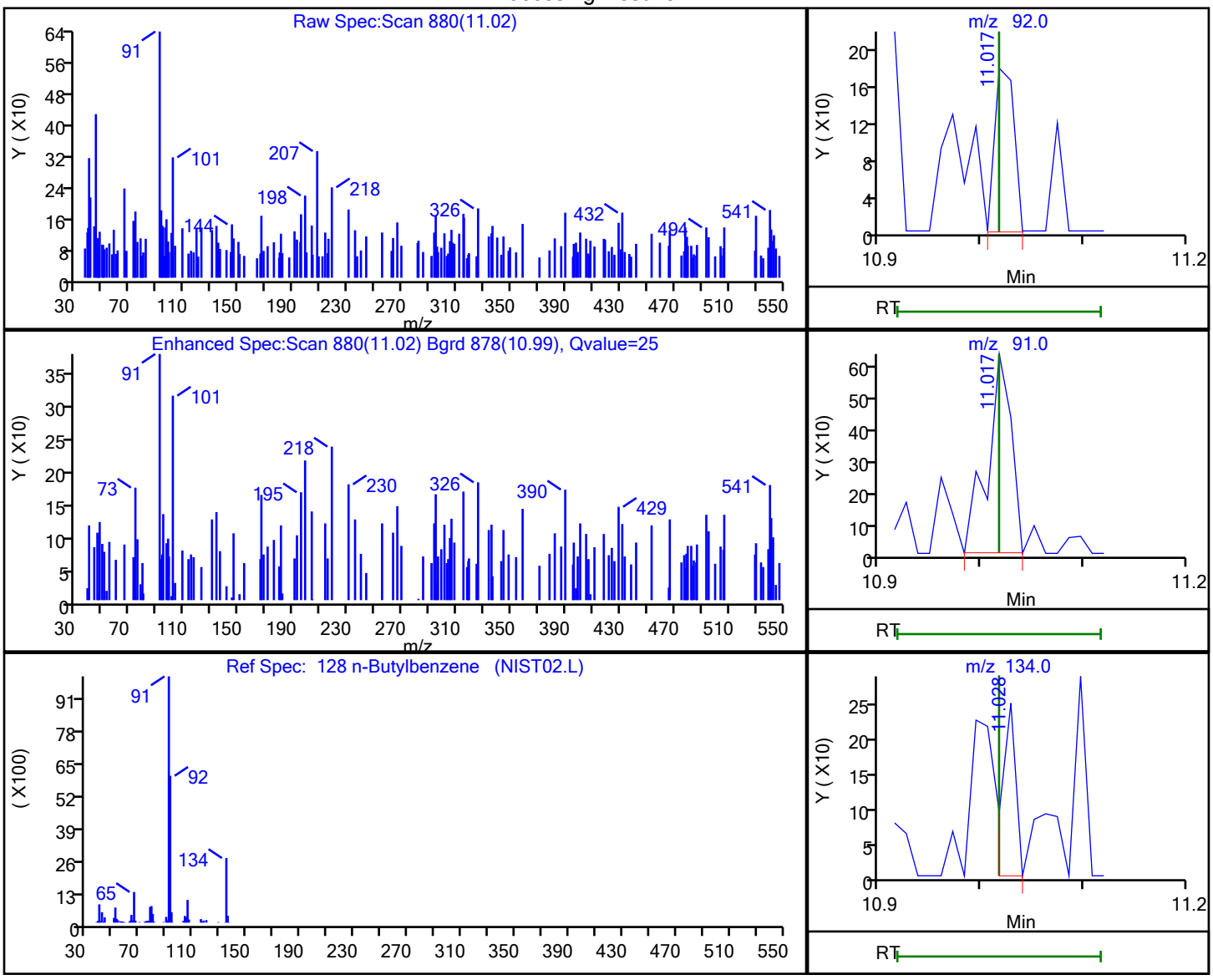
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.02	92.00	228	0.027872
11.02	91.00	1025	
11.03	134.00	230	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

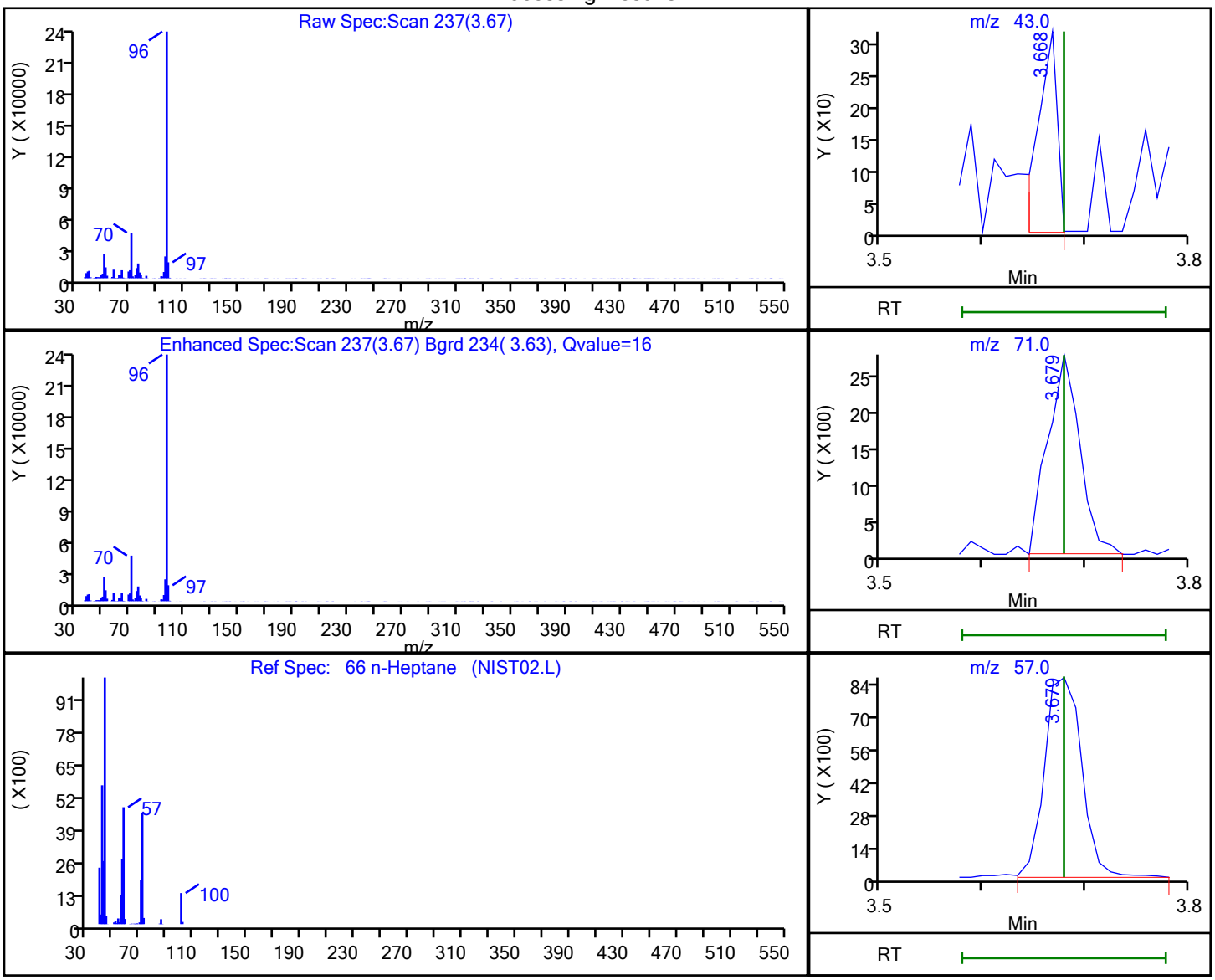
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.67	43.00	408	0.100462
3.68	71.00	5935	
3.68	57.00	21989	

Reviewer: KG2Q, 21-Feb-2025 08:44:39 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

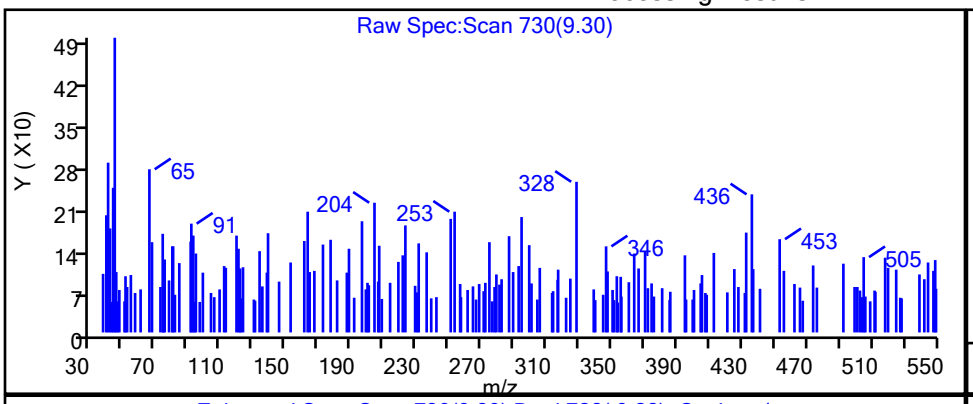
User Disabled Compound Report

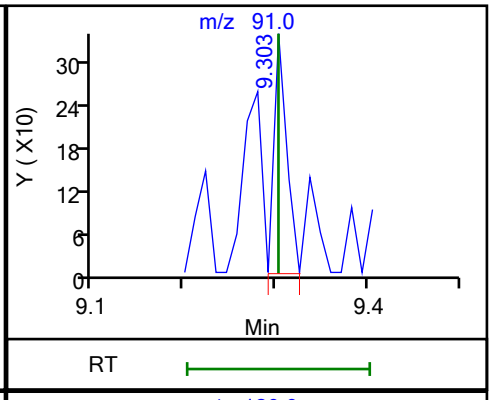
Eurofins Edison

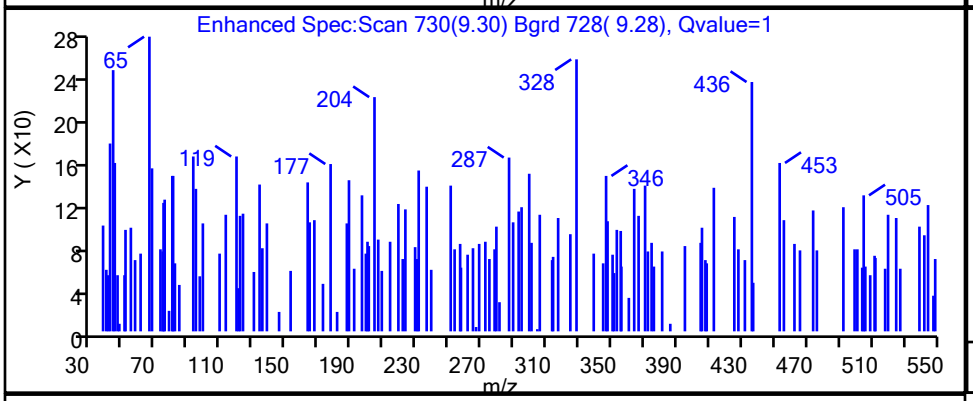
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

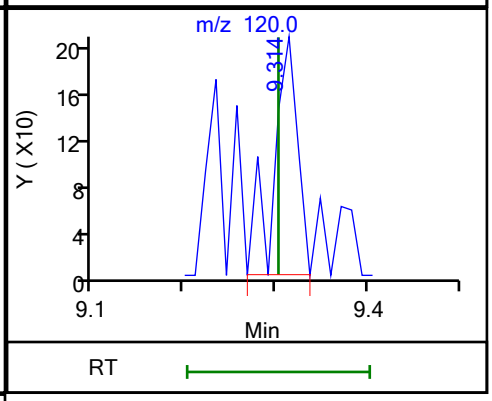
110 N-Propylbenzene, CAS: 103-65-1

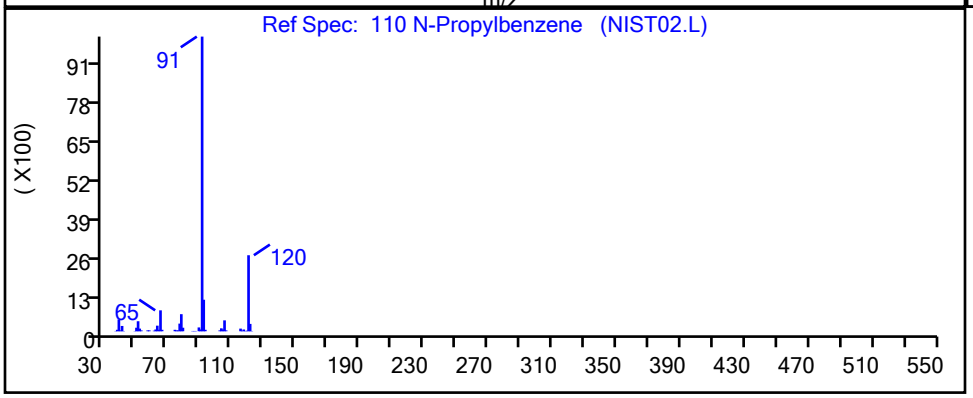
Processing Results











RT	Mass	Response	Amount
9.30	91.00	318	0.017204
9.31	120.00	369	

Reviewer: KG2Q, 21-Feb-2025 08:45:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

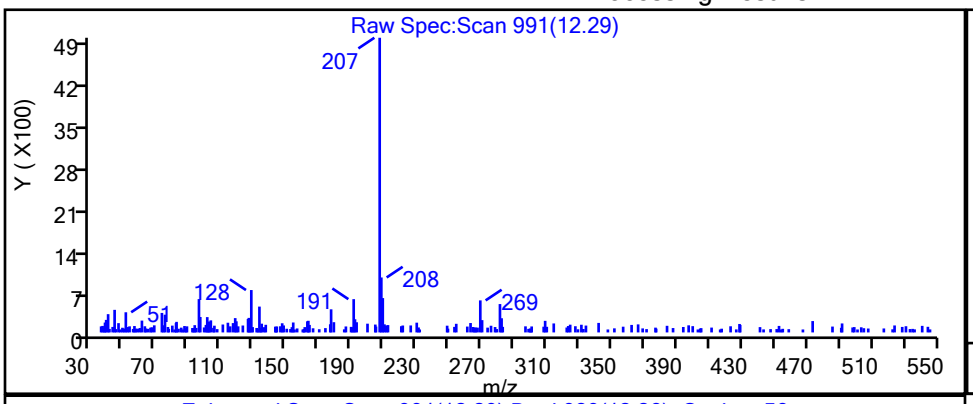
User Disabled Compound Report

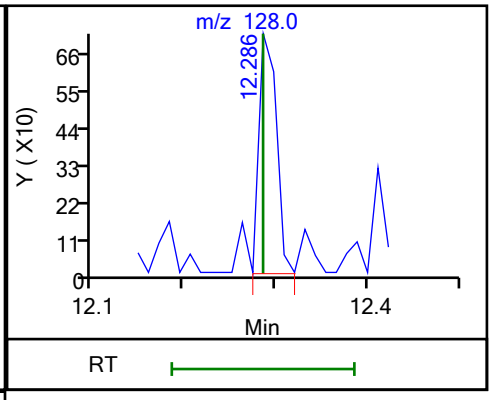
Eurofins Edison

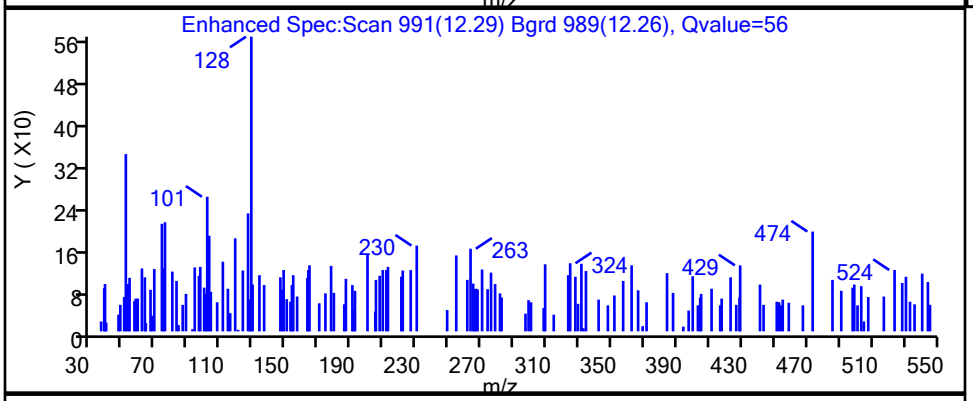
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D				
Injection Date:	20-Feb-2025 12:52:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

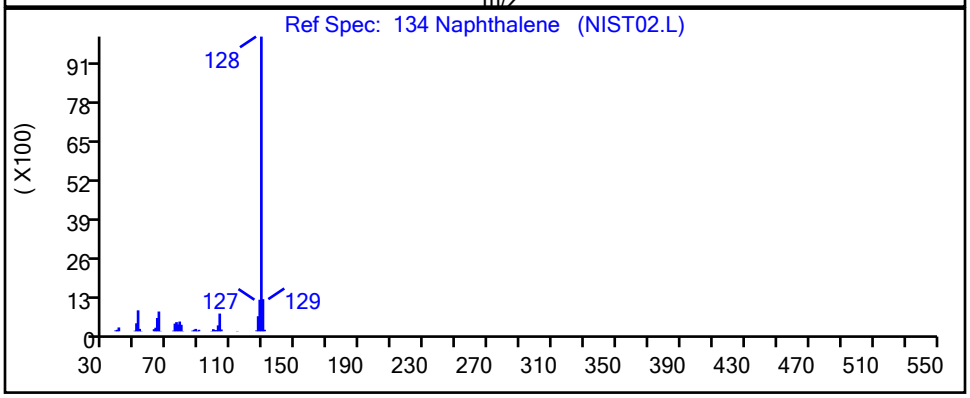
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
12.29	128.00	942	0.064497

Reviewer: KG2Q, 21-Feb-2025 08:45:30 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

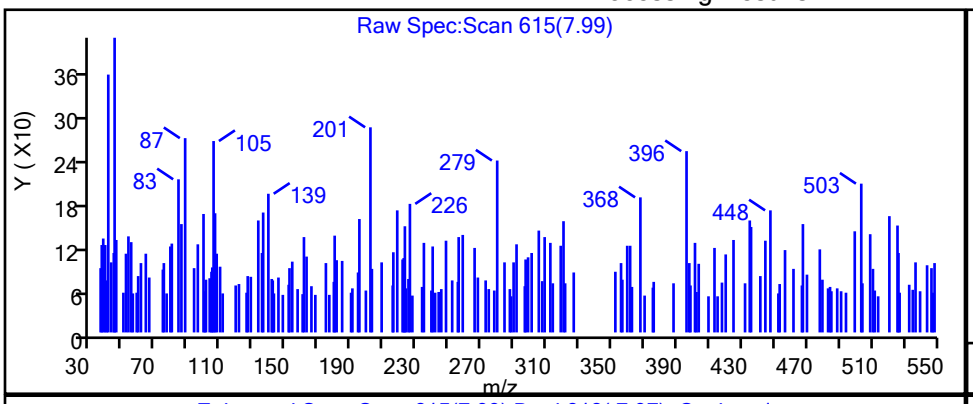
User Disabled Compound Report

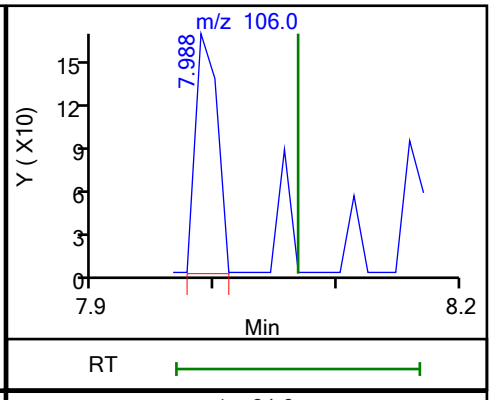
Eurofins Edison

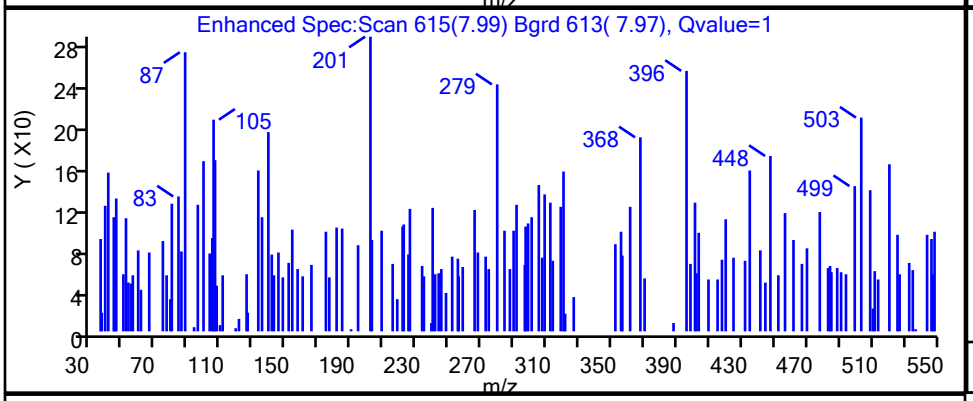
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

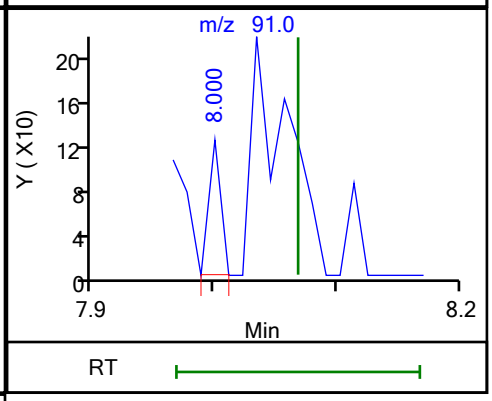
99 o-Xylene, CAS: 95-47-6

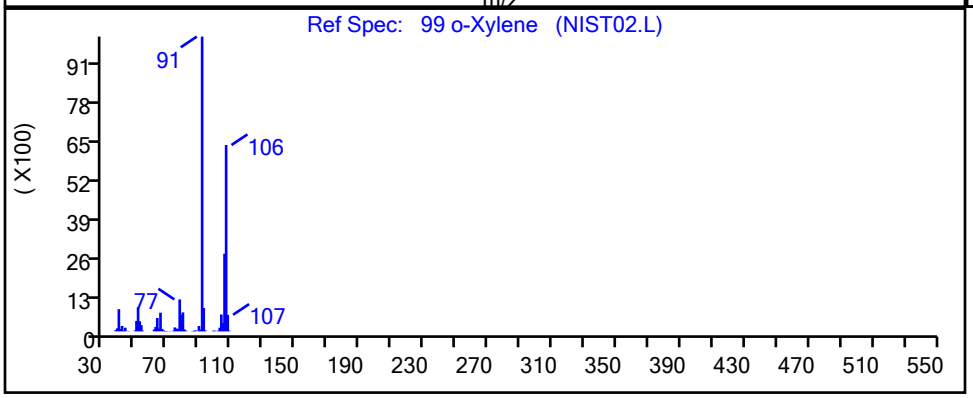
Processing Results











RT	Mass	Response	Amount
7.99	106.00	205	0.030294
8.00	91.00	84	

Reviewer: KG2Q, 21-Feb-2025 08:45:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

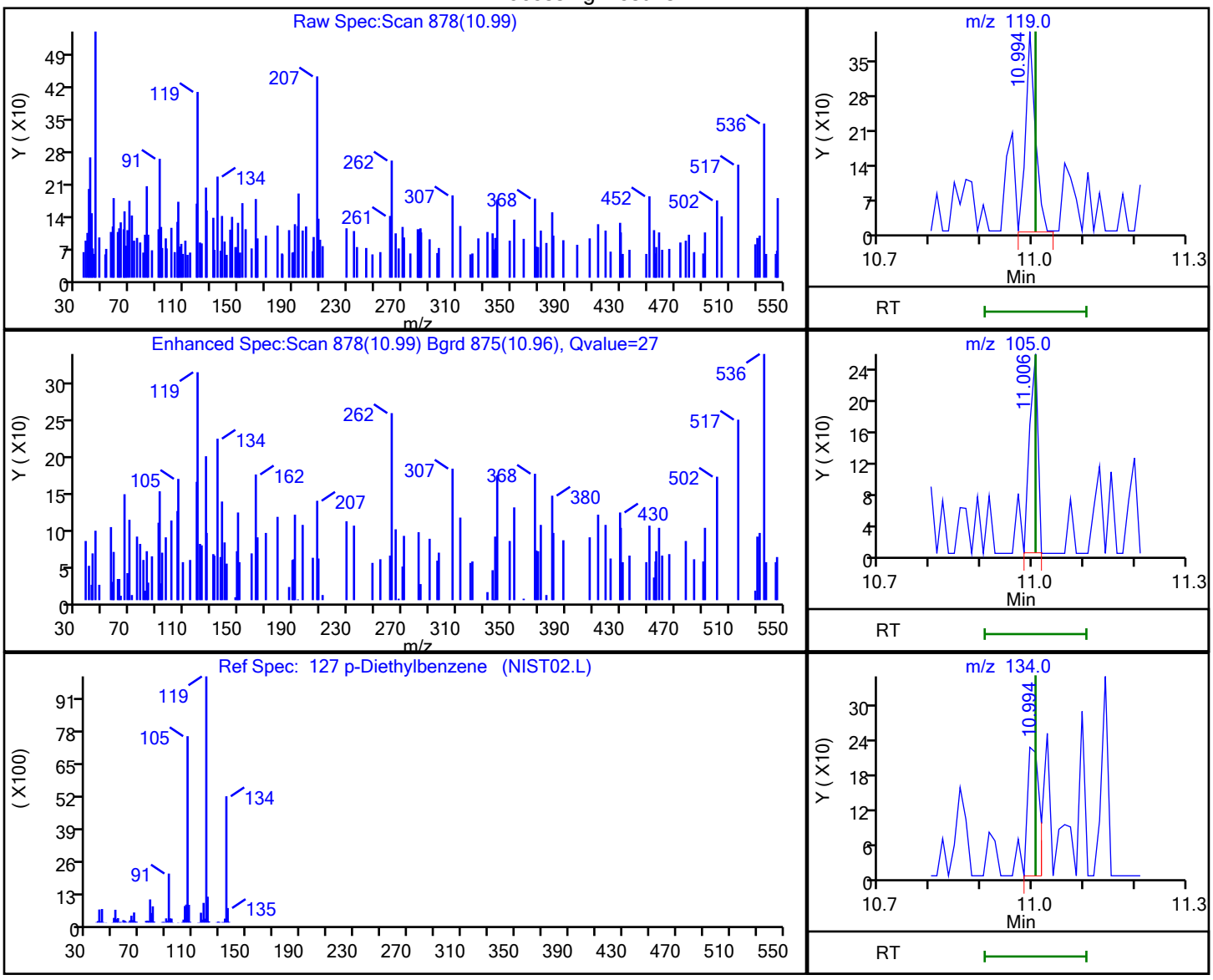
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.99	119.00	533	0.051076
11.01	105.00	290	
10.99	134.00	359	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

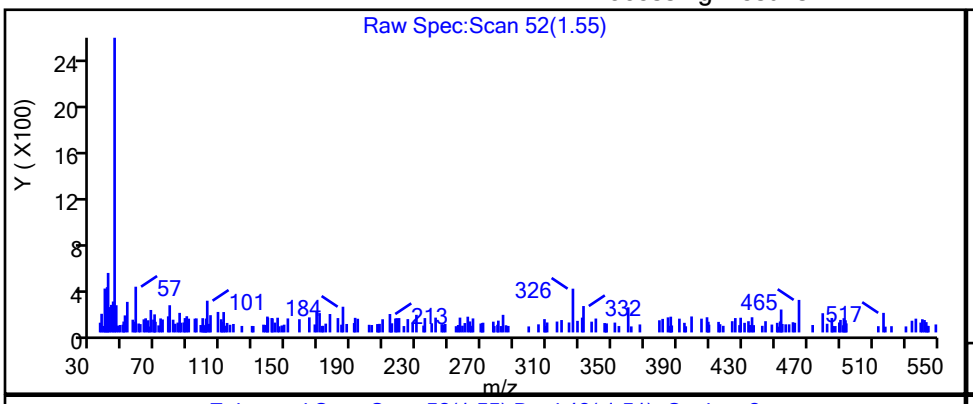
User Disabled Compound Report

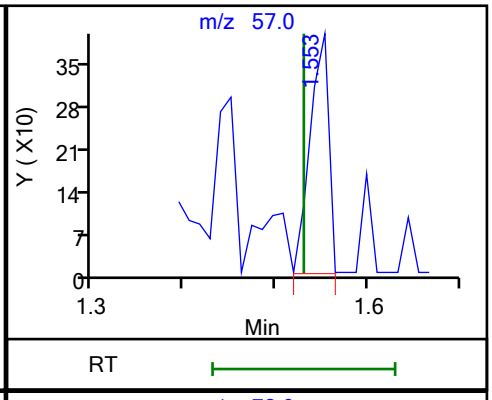
Eurofins Edison

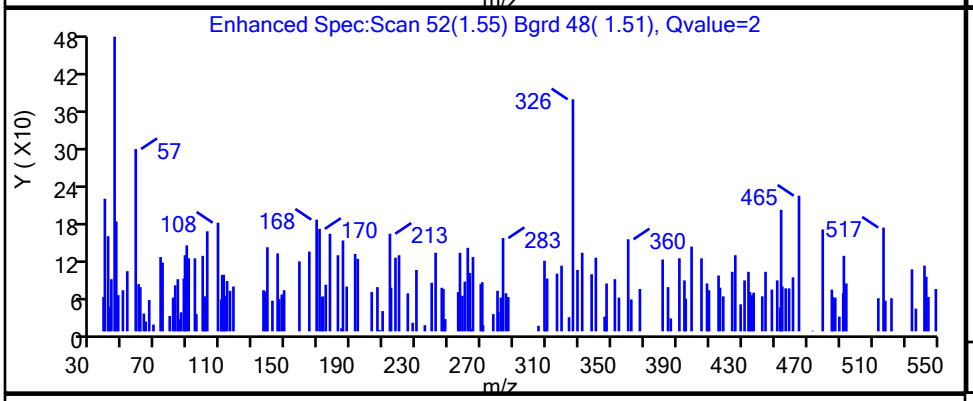
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

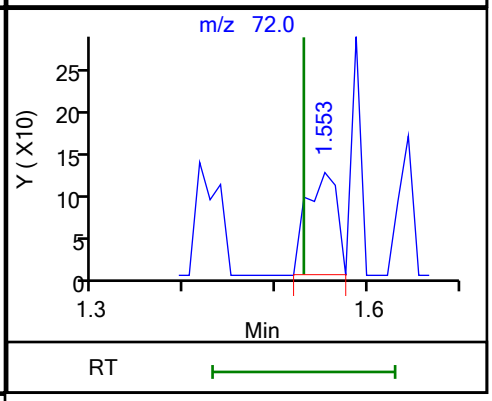
13 Pentane, CAS: 109-66-0

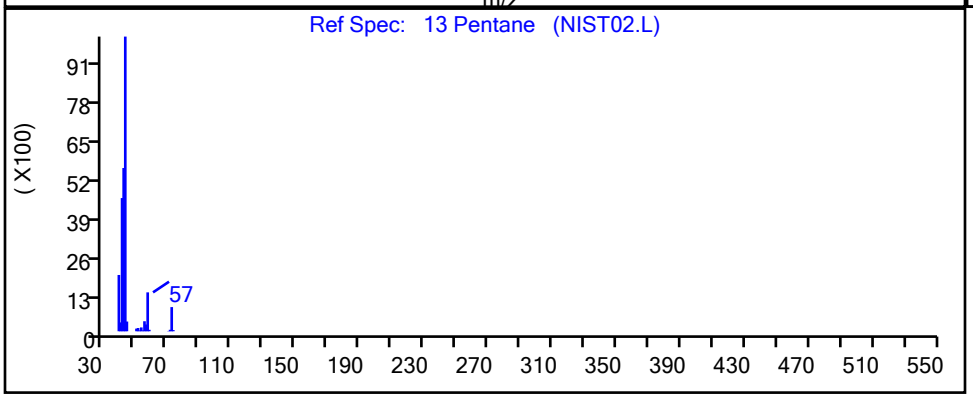
Processing Results











RT	Mass	Response	Amount
1.55	57.00	560	0.493470
1.55	72.00	278	

Reviewer: KG2Q, 21-Feb-2025 08:43:59 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

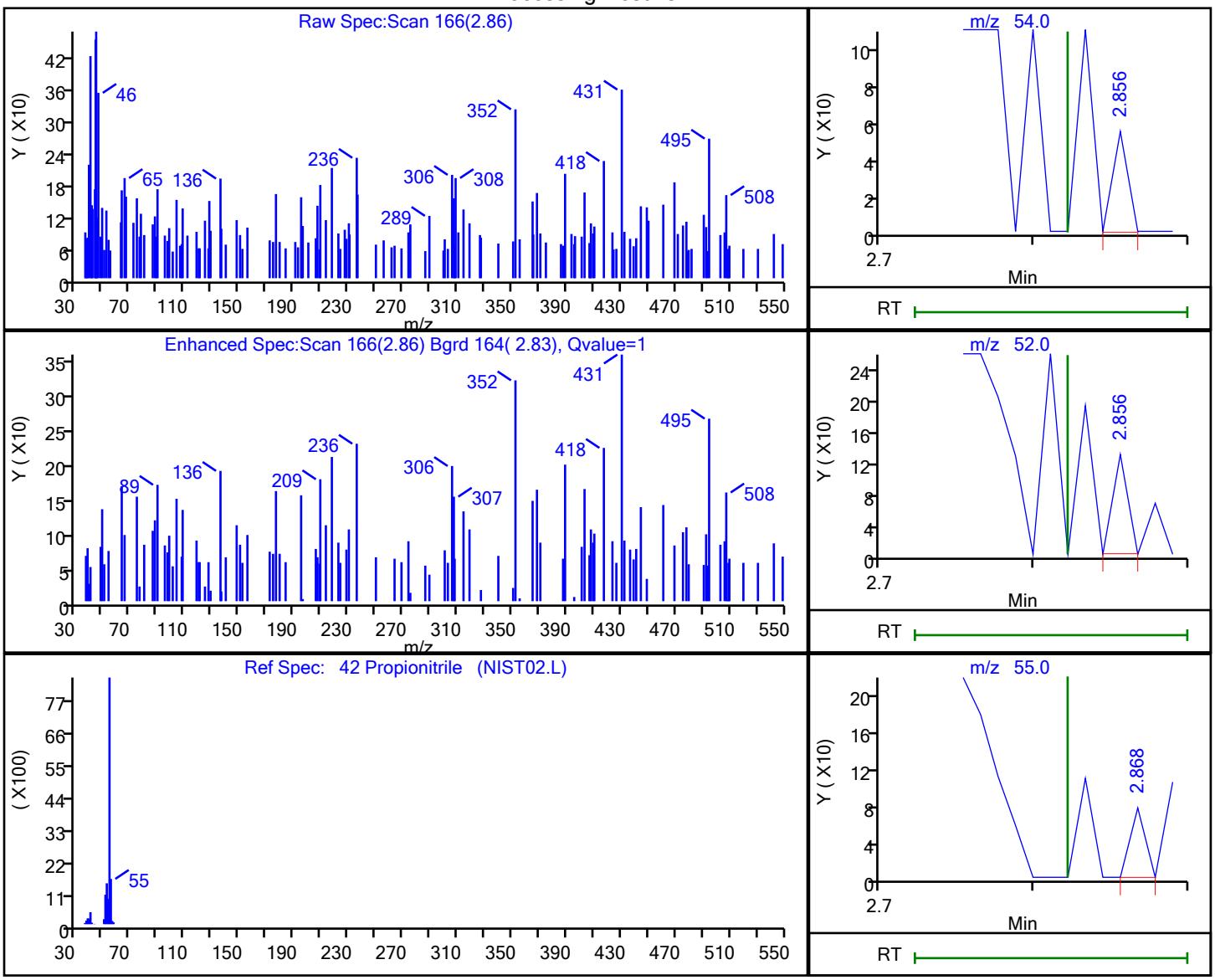
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
2.86	54.00	36	0.103943
2.86	52.00	87	
2.87	55.00	51	

Reviewer: KG2Q, 21-Feb-2025 08:44:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

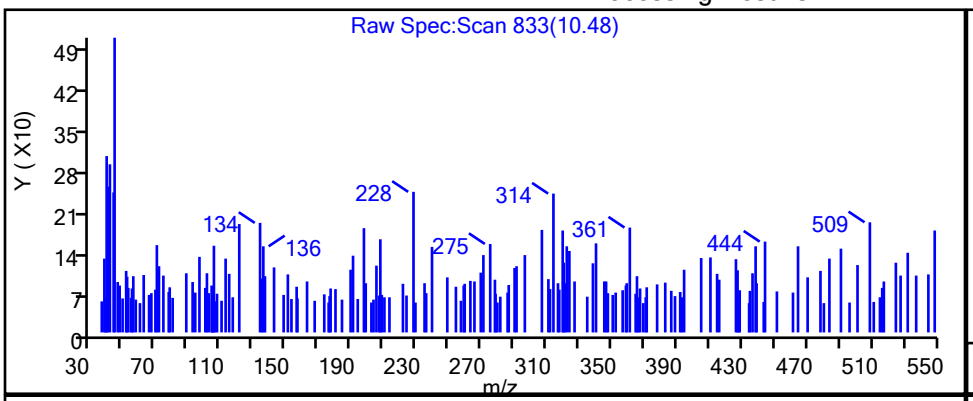
User Disabled Compound Report

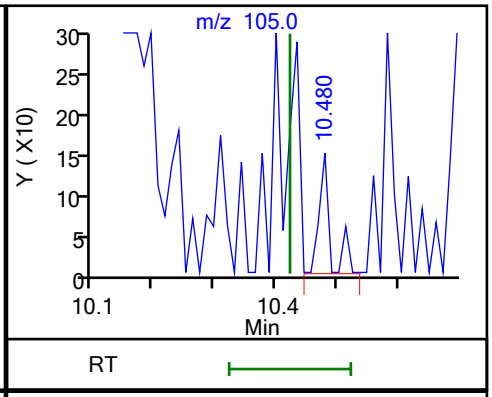
Eurofins Edison

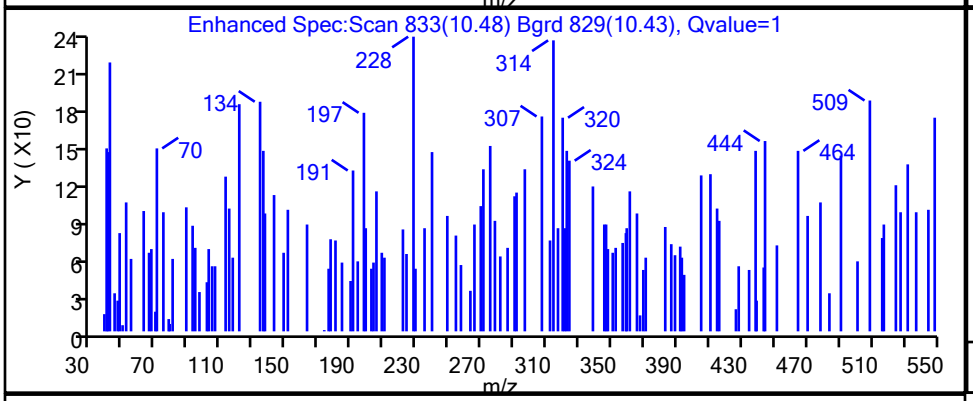
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

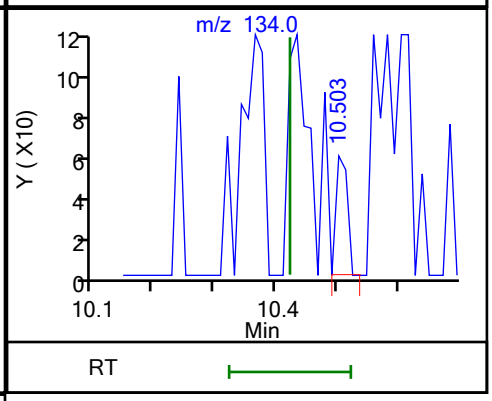
118 sec-Butylbenzene, CAS: 135-98-8

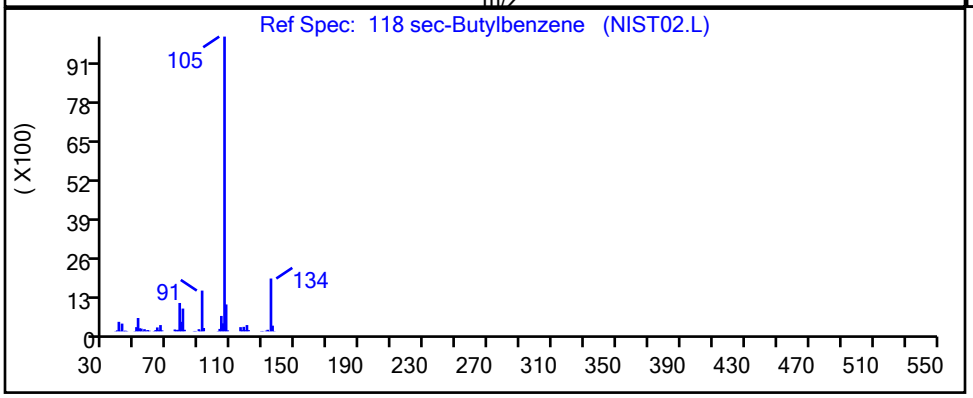
Processing Results











RT	Mass	Response	Amount
10.48	105.00	180	0.009713
10.50	134.00	77	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

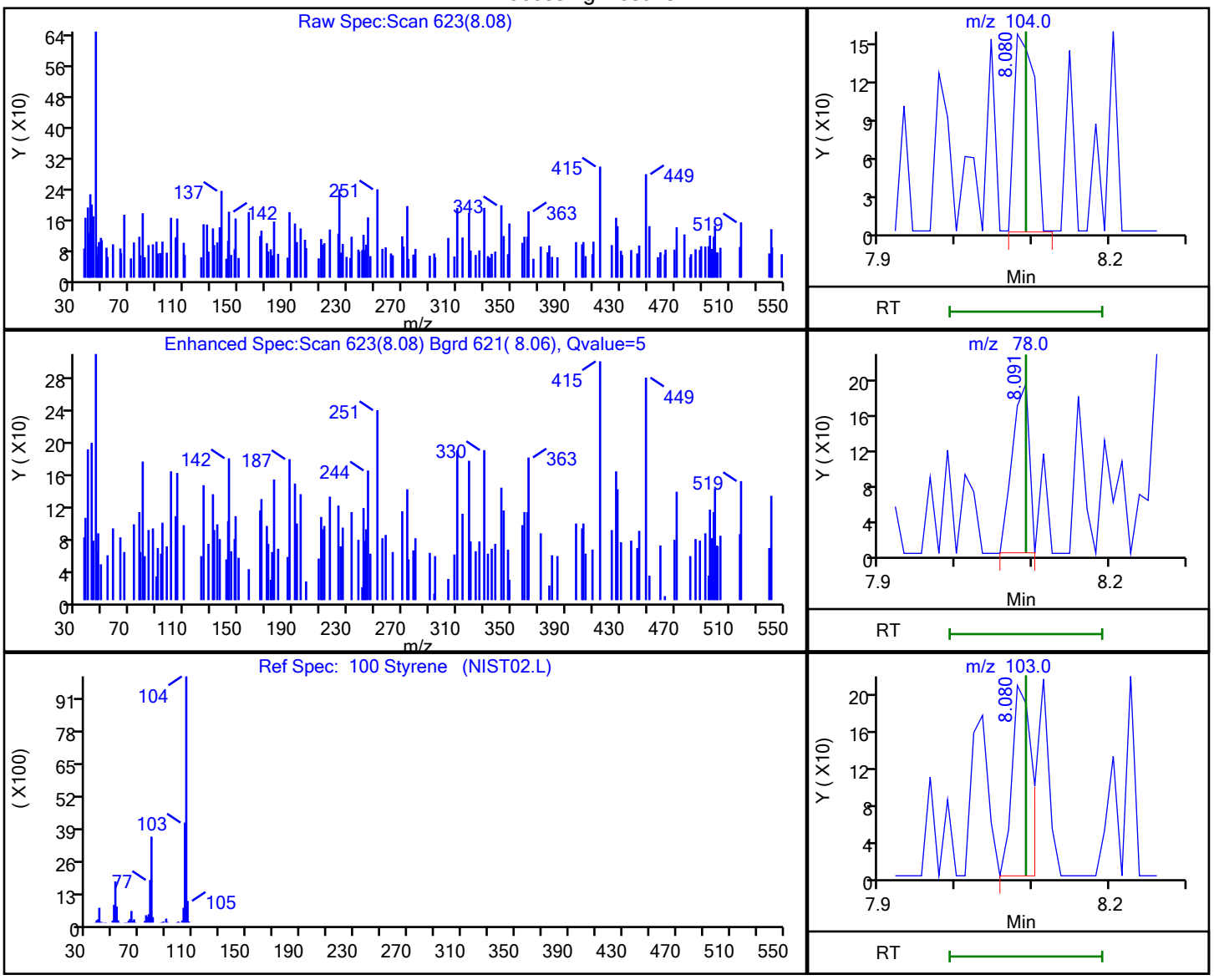
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

100 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.08	104.00	289	0.029126
8.09	78.00	303	
8.08	103.00	377	

Reviewer: KG2Q, 21-Feb-2025 08:45:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

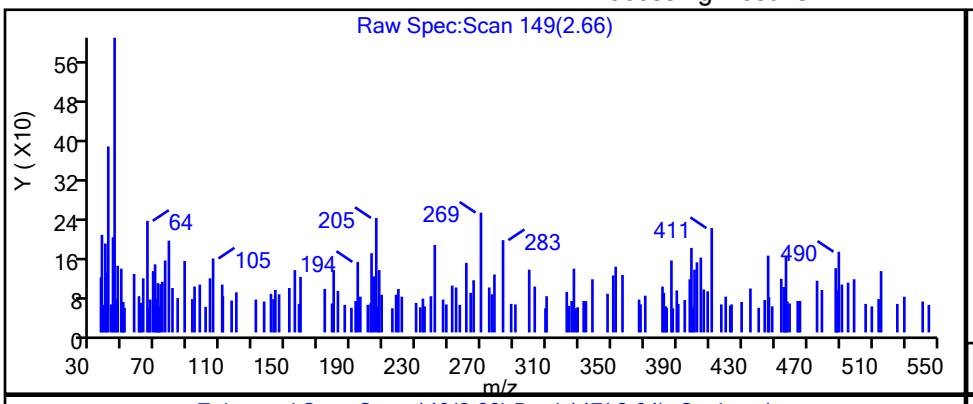
User Disabled Compound Report

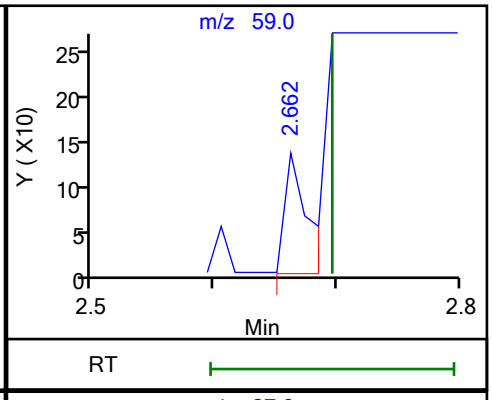
Eurofins Edison

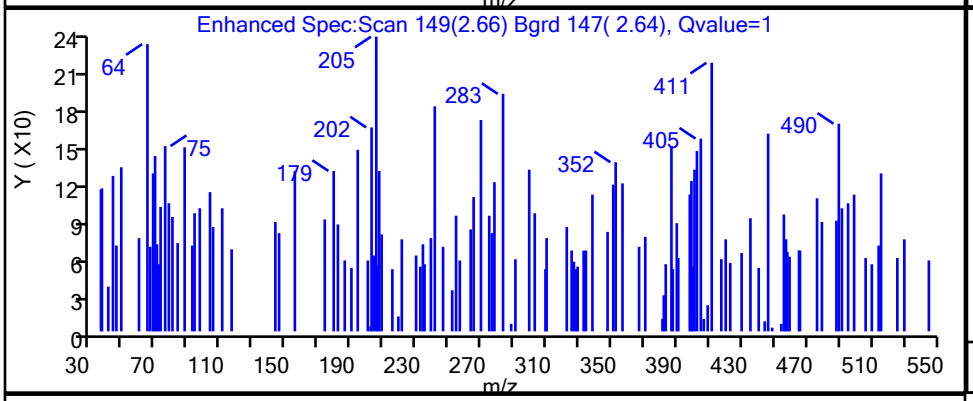
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

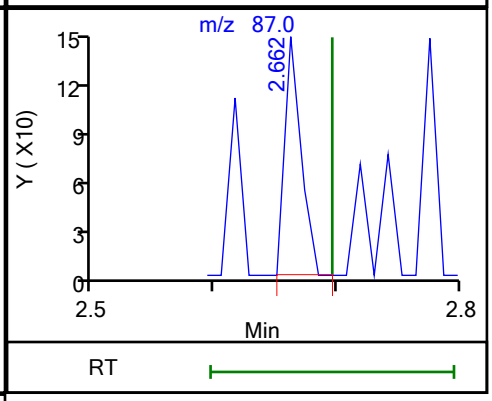
41 Tert-butyl ethyl ether, CAS: 637-92-3

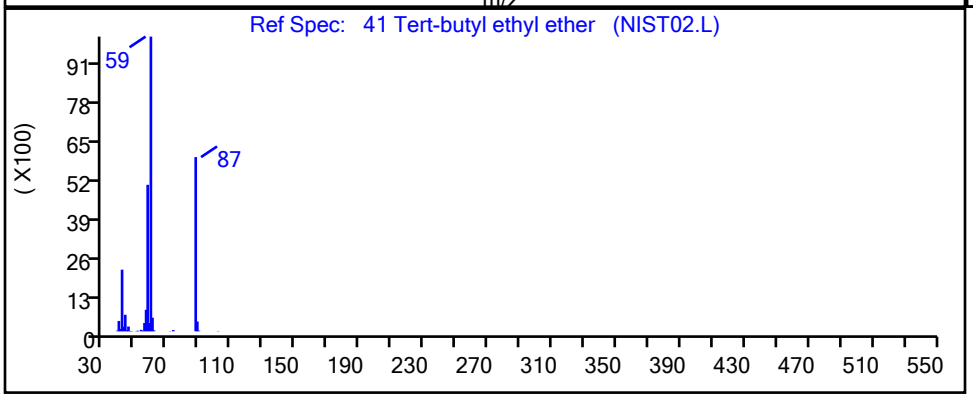
Processing Results











RT	Mass	Response	Amount
2.66	59.00	172	0.014841
2.66	87.00	138	

Reviewer: KG2Q, 21-Feb-2025 08:44:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

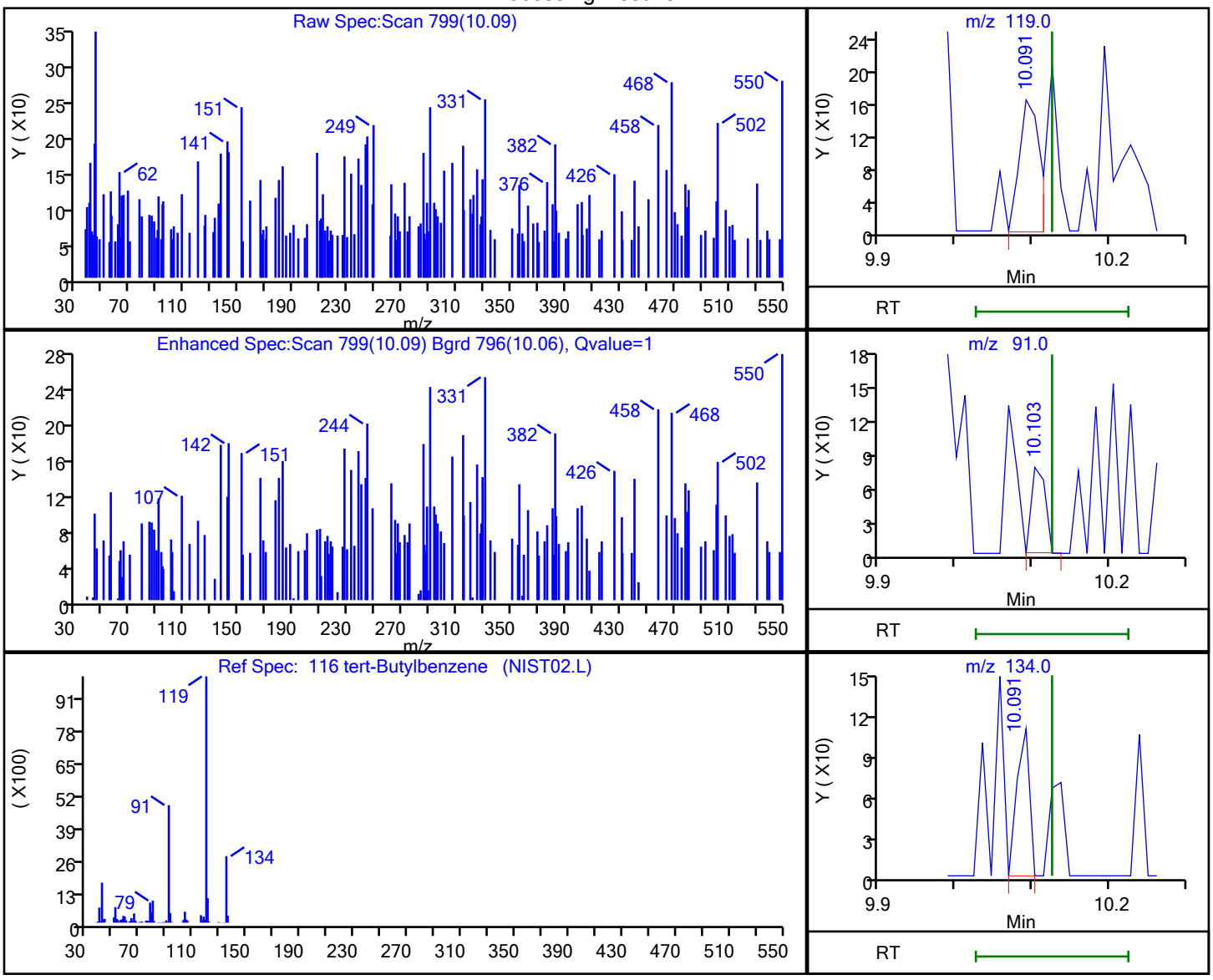
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.09	119.00	304	0.025872
10.10	91.00	95	
10.09	134.00	119	

Reviewer: KG2Q, 21-Feb-2025 08:45:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

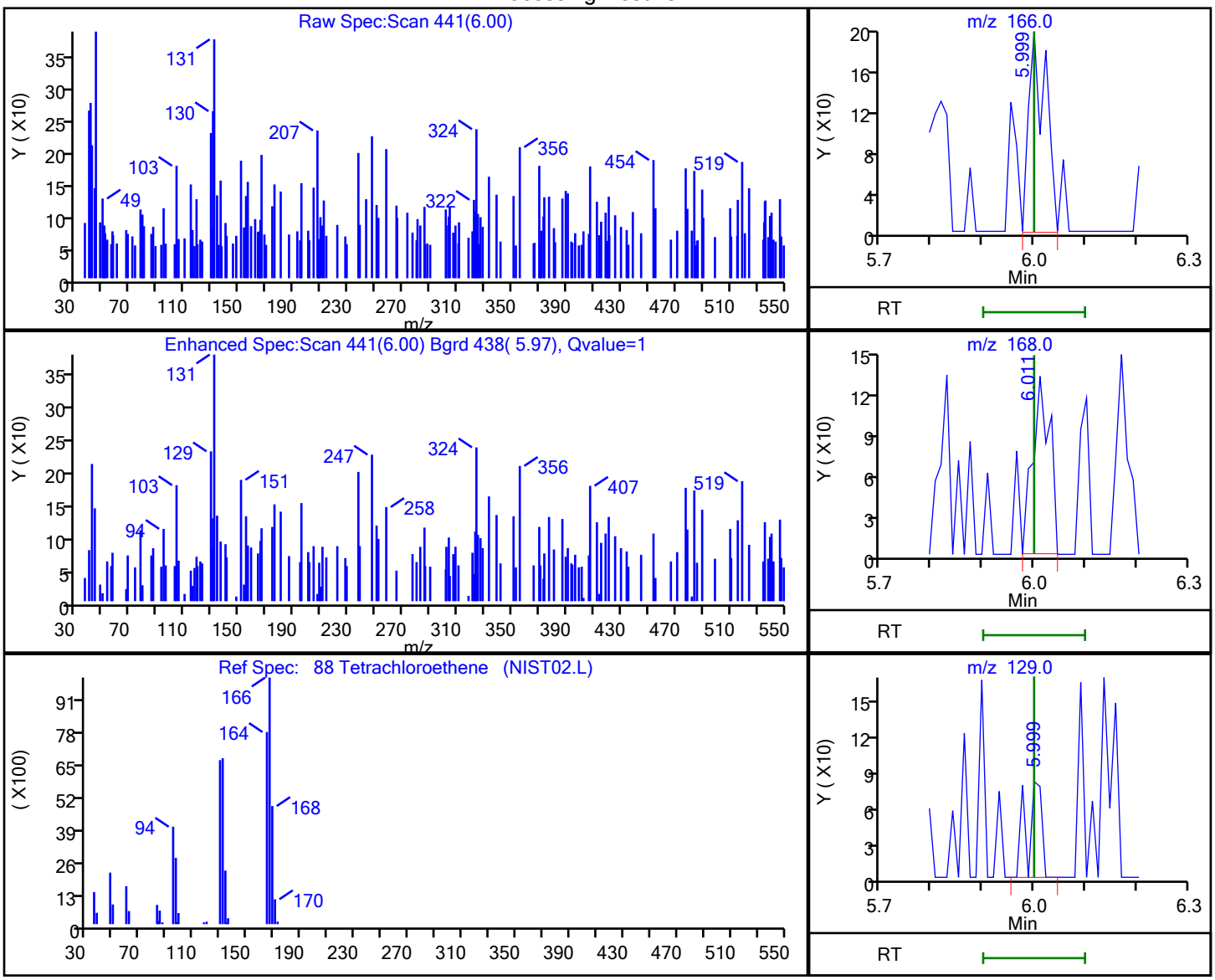
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Processing Results



RT	Mass	Response	Amount
6.00	166.00	448	-0.082290
6.01	168.00	306	
6.00	129.00	158	

Reviewer: KG2Q, 21-Feb-2025 08:45:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

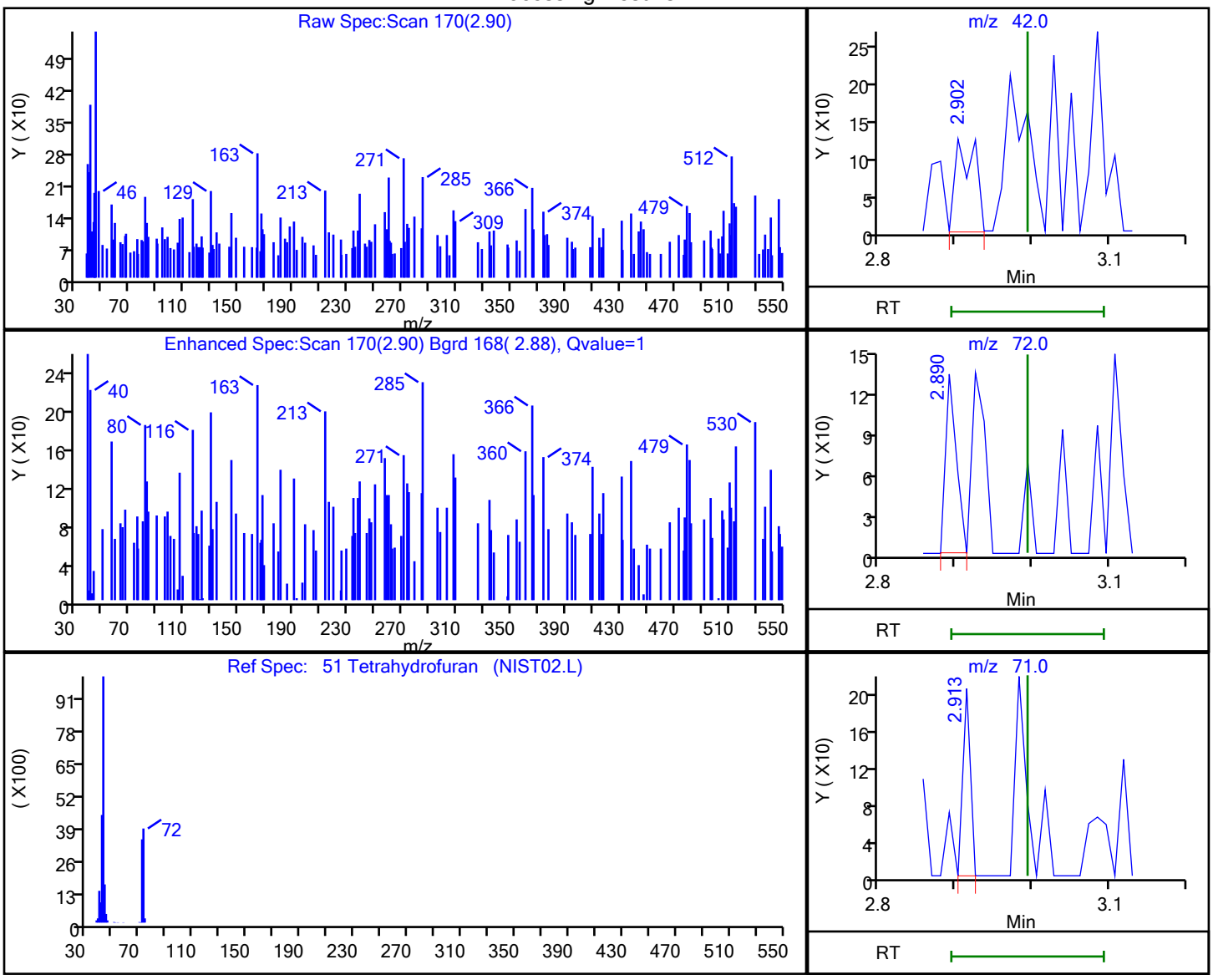
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

51 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
2.90	42.00	218	0.256616
2.89	72.00	132	
2.91	71.00	138	

Reviewer: KG2Q, 21-Feb-2025 08:44:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

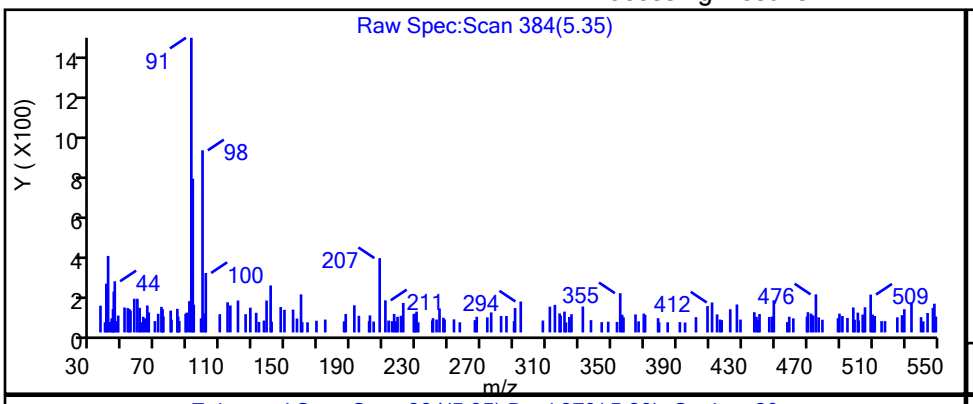
User Disabled Compound Report

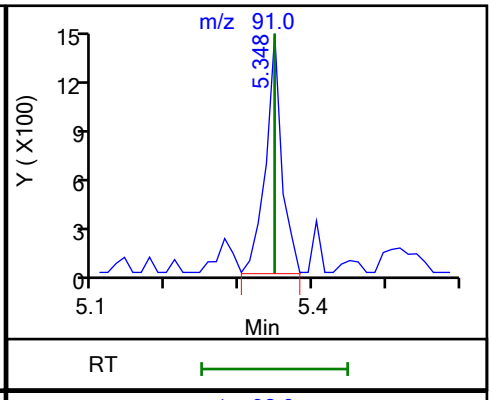
Eurofins Edison

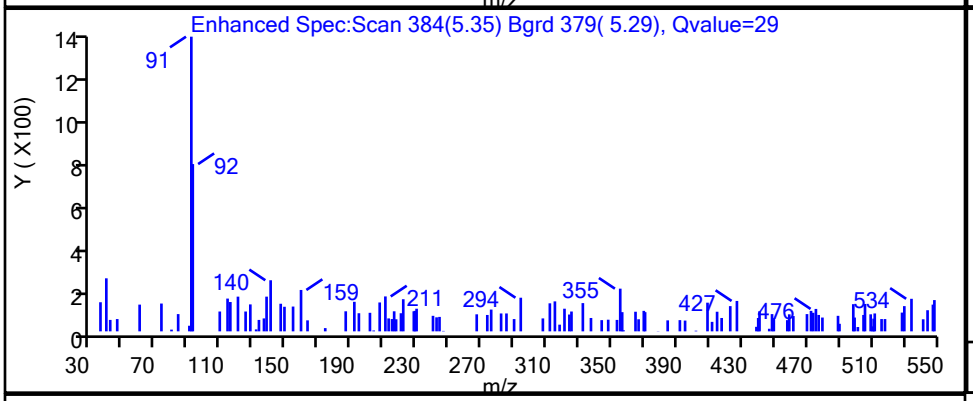
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

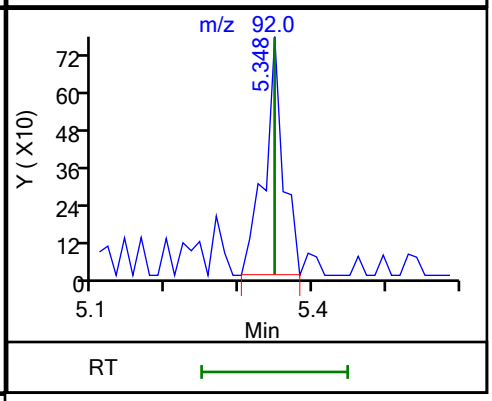
84 Toluene, CAS: 108-88-3

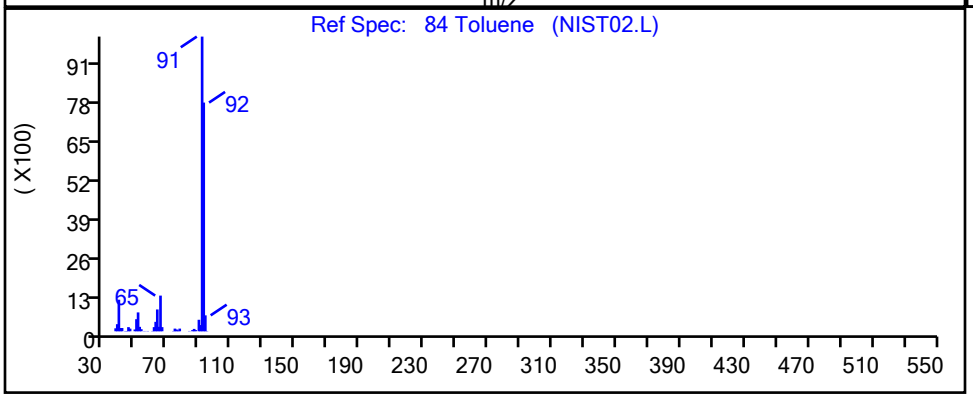
Processing Results











RT	Mass	Response	Amount
5.35	91.00	2238	0.160355
5.35	92.00	1373	

Reviewer: KG2Q, 21-Feb-2025 08:44:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

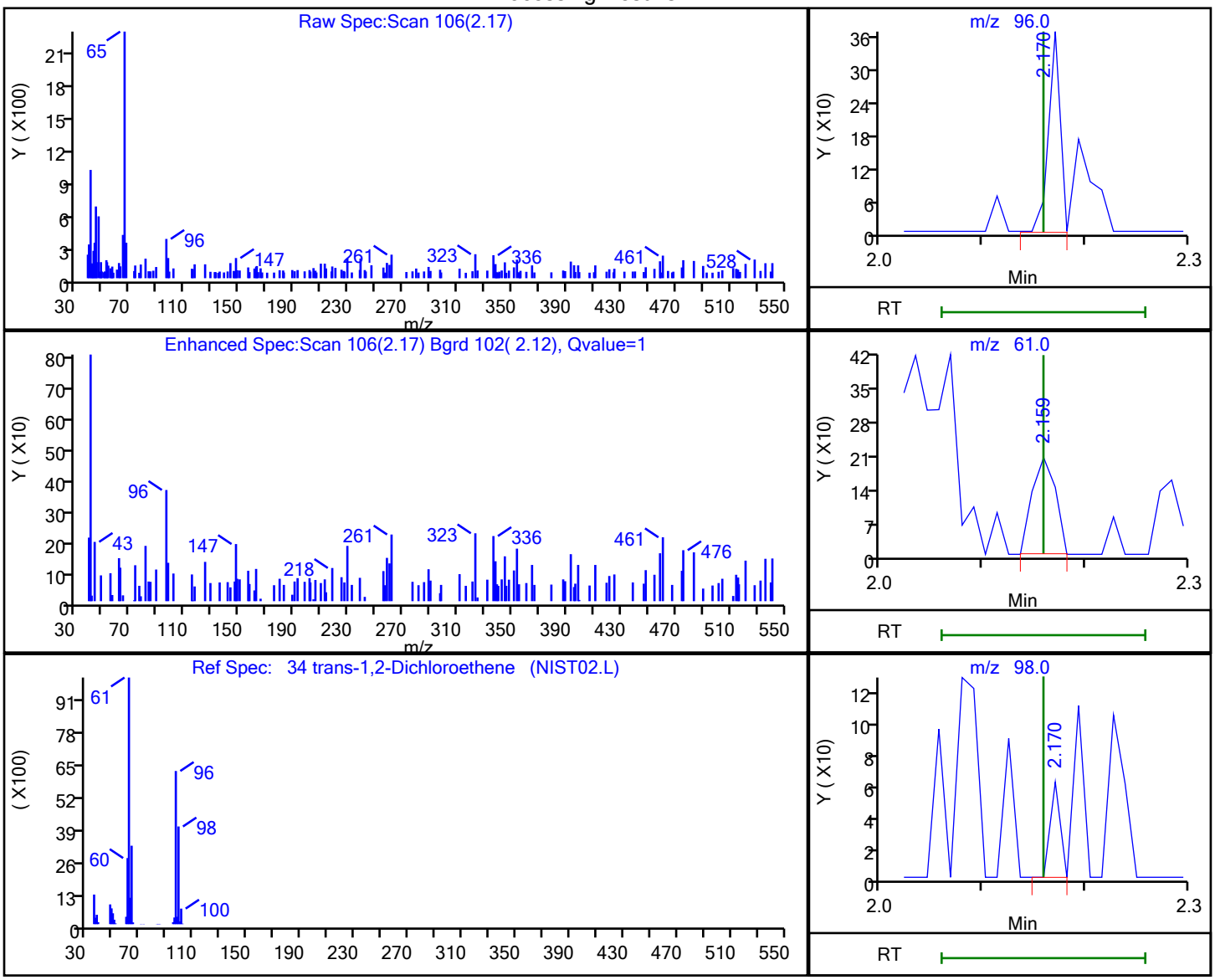
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
2.17	96.00	287	0.071812
2.16	61.00	324	
2.17	98.00	42	

Reviewer: KG2Q, 21-Feb-2025 08:44:20 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

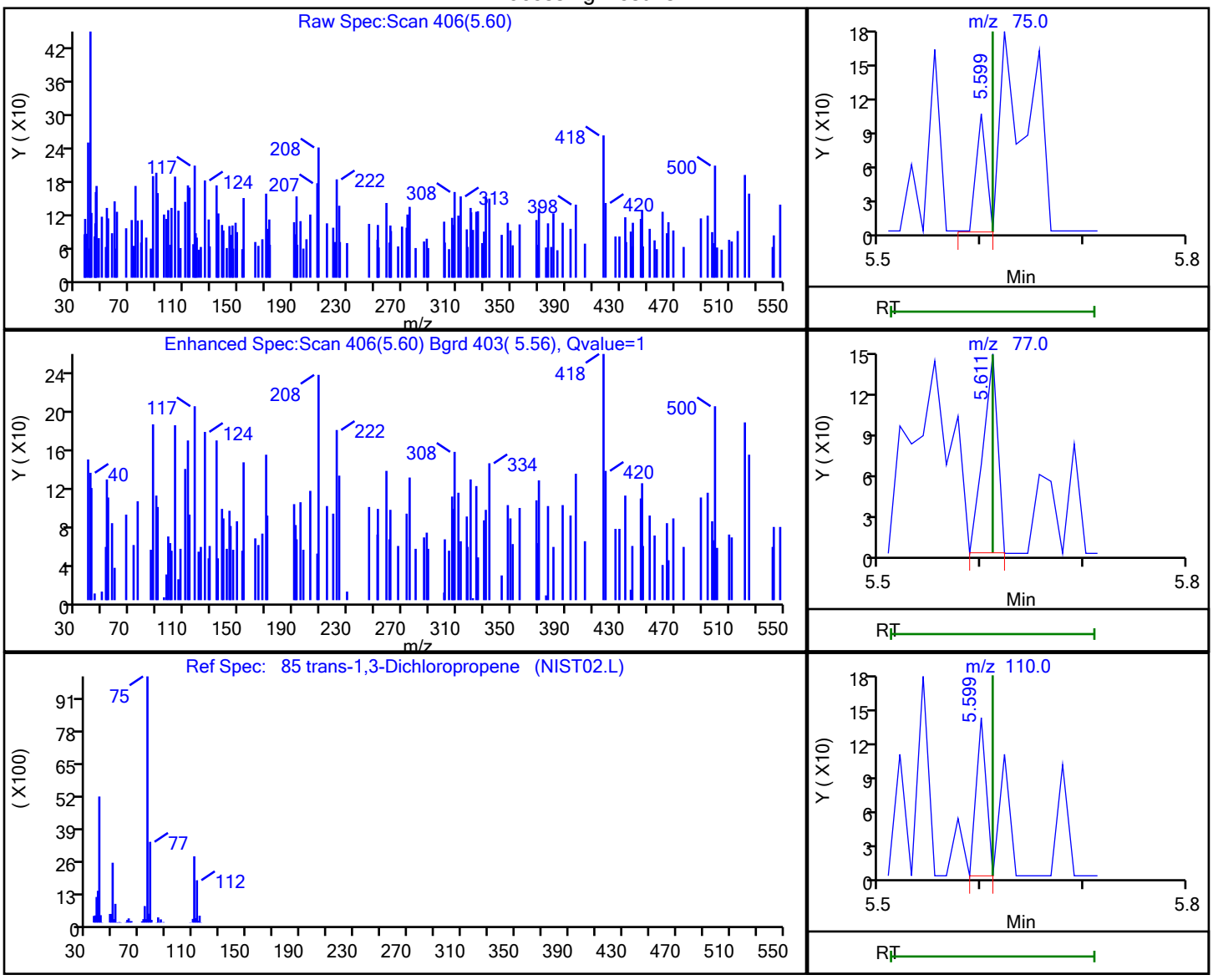
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
5.60	75.00	71	0.017049
5.61	77.00	143	
5.60	110.00	95	

Reviewer: KG2Q, 21-Feb-2025 08:44:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

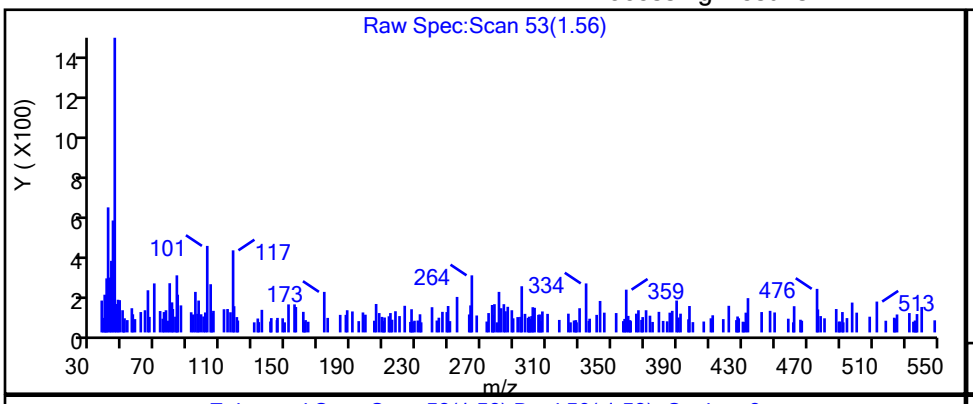
User Disabled Compound Report

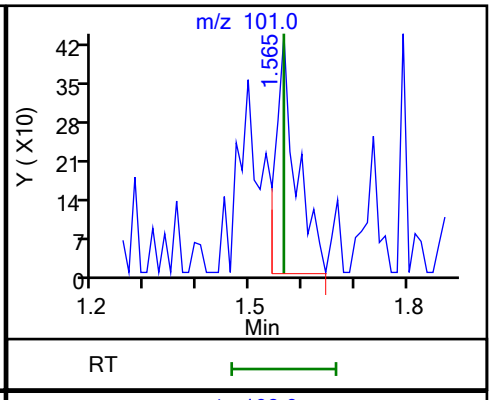
Eurofins Edison

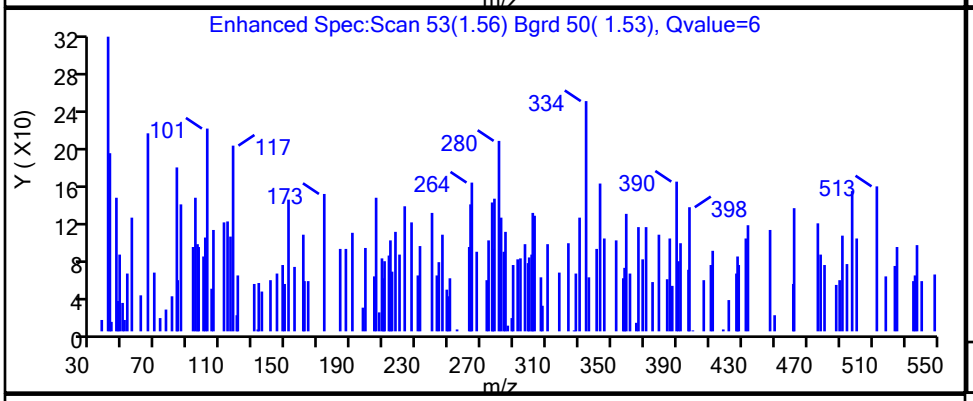
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D				
Injection Date:	20-Feb-2025 12:52:30	Instrument ID:	CVOAMS9		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

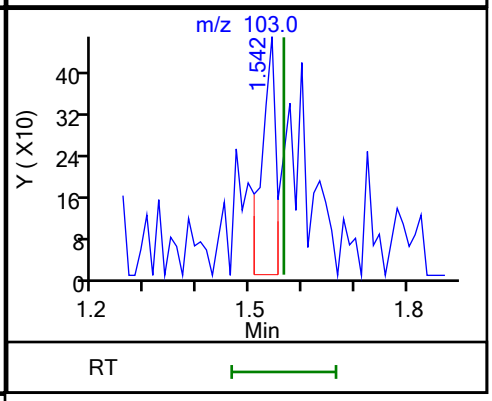
12 Trichlorofluoromethane, CAS: 75-69-4

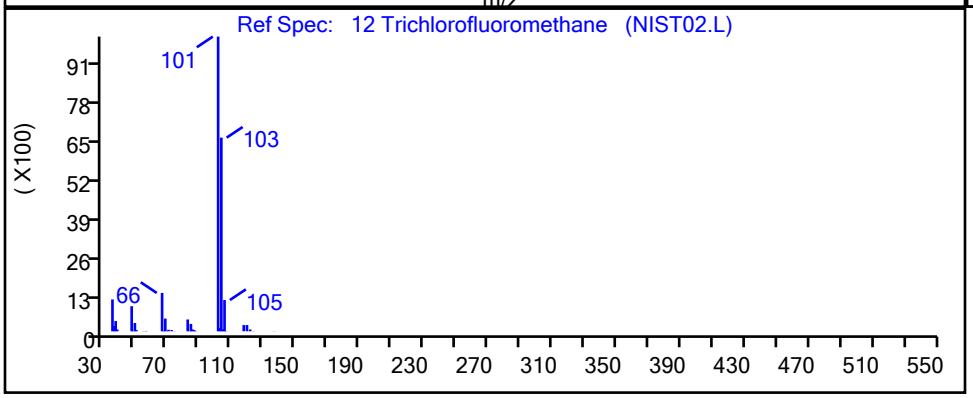
Processing Results











RT	Mass	Response	Amount
1.56	101.00	1138	0.134022
1.54	103.00	883	

Reviewer: KG2Q, 21-Feb-2025 08:43:59 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

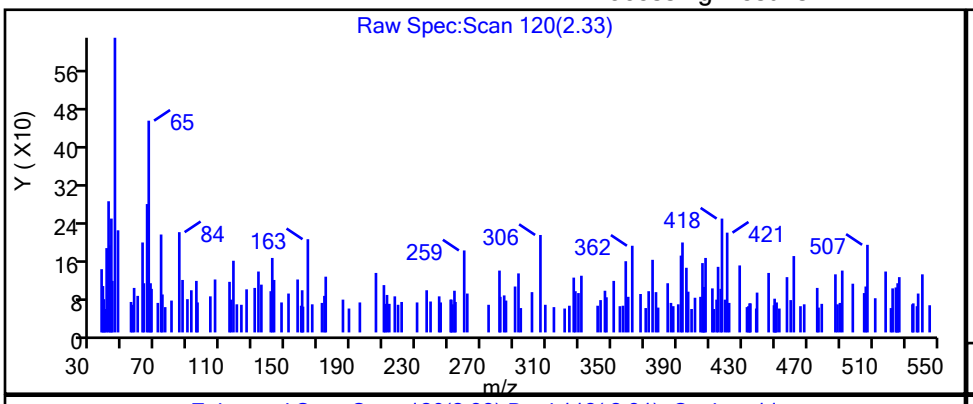
User Disabled Compound Report

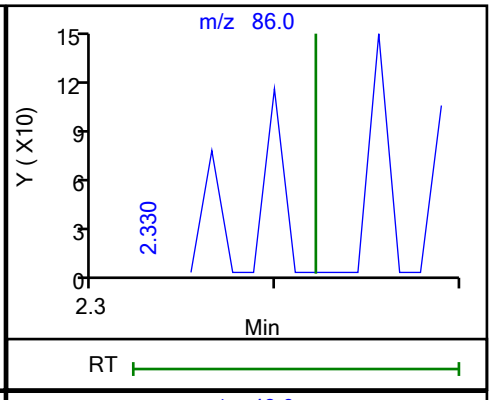
Eurofins Edison

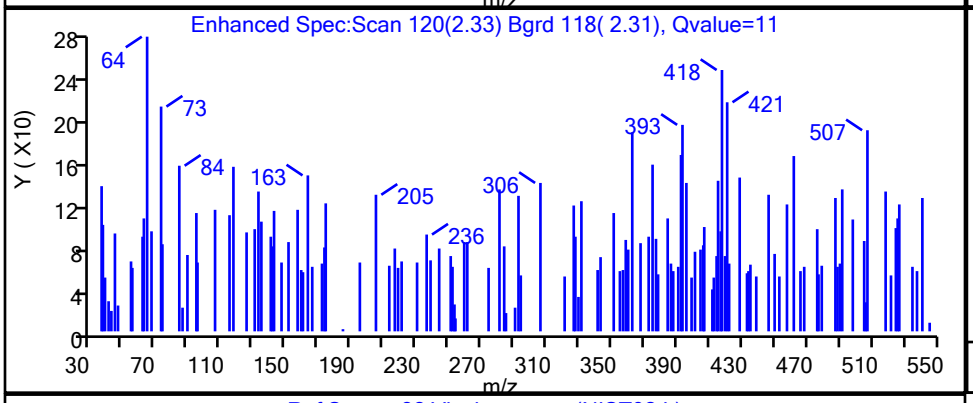
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

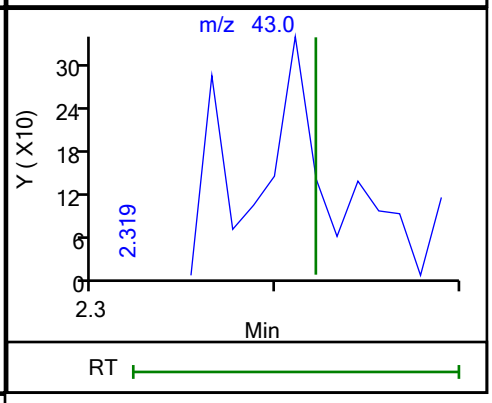
38 Vinyl acetate, CAS: 108-05-4

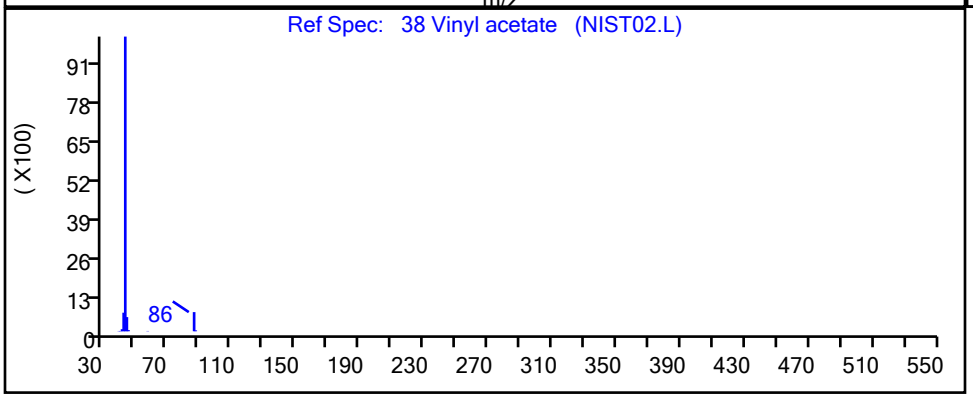
Processing Results











RT	Mass	Response	Amount
2.33	86.00	77	0.117535
2.32	43.00	297	

Reviewer: KG2Q, 21-Feb-2025 08:44:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

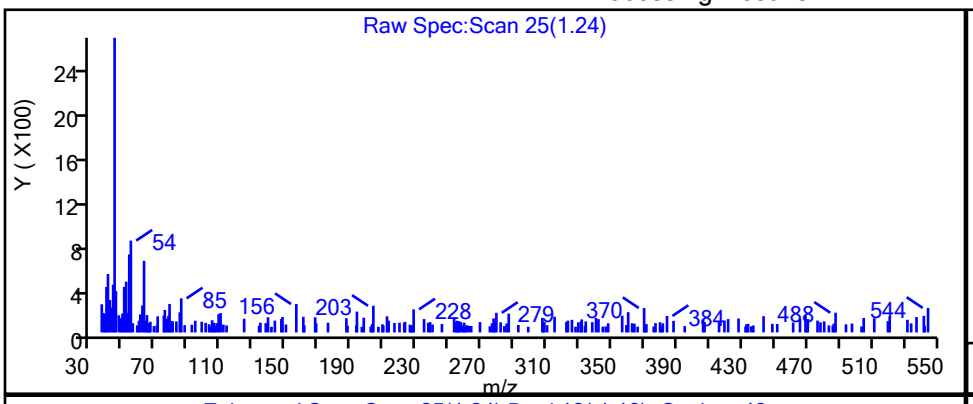
User Disabled Compound Report

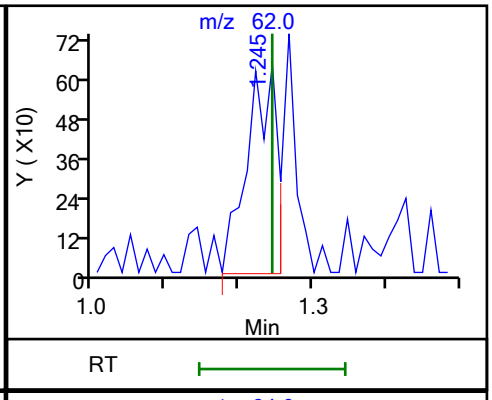
Eurofins Edison

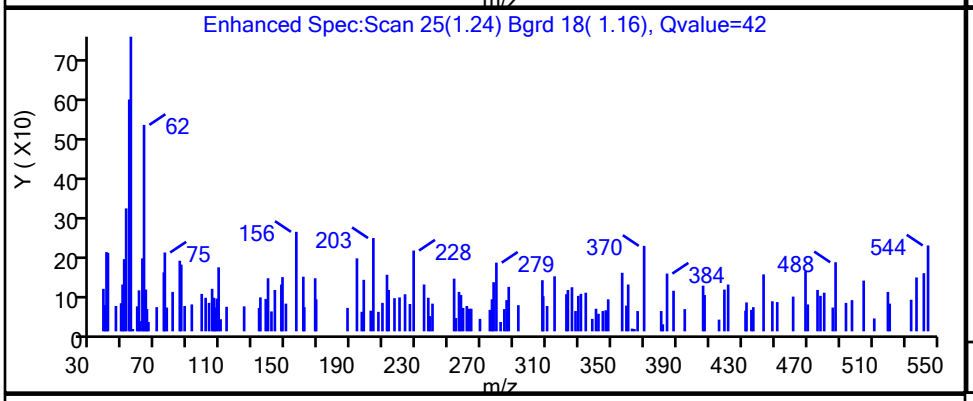
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68292.D
Injection Date: 20-Feb-2025 12:52:30 Instrument ID: CVOAMS9
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

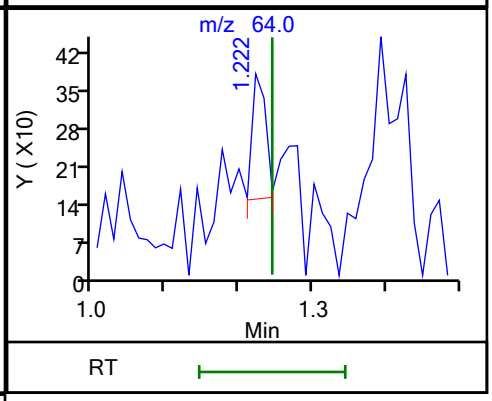
7 Vinyl chloride, CAS: 75-01-4

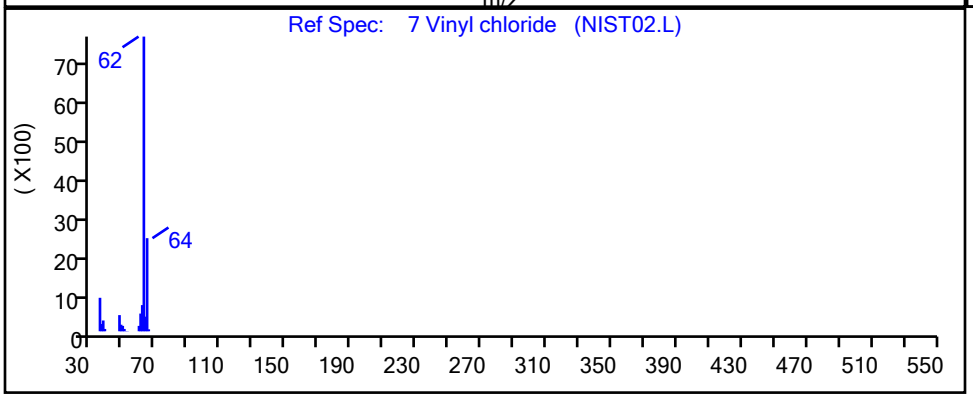
Processing Results











RT	Mass	Response	Amount
1.24	62.00	1823	0.230494
1.22	64.00	297	

Reviewer: KG2Q, 21-Feb-2025 08:43:58 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 20-Feb-2025 13:17:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0187106-005
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 12:52:49 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: RD6L Date: 20-Feb-2025 15:32:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.062	1.062	0.000	49	1641	1.00	0.8461	M
5 Chlorodifluoromethane	67	1.084	1.084	0.000	94	1694	1.00	1.36	M
3 Dichlorodifluoromethane	85	1.073	1.084	-0.011	52	9965	1.00	0.8935	
6 Chloromethane	50	1.187	1.199	-0.012	99	14847	1.00	1.17	
8 Butadiene	54	1.222	1.233	-0.011	82	9108	1.00	1.05	
7 Vinyl chloride	62	1.222	1.244	-0.022	72	8219	1.00	1.07	
9 Bromomethane	94	1.393	1.404	-0.011	96	6257	1.00	1.12	
10 Chloroethane	64	1.393	1.416	-0.023	69	4788	1.00	1.14	
11 Dichlorofluoromethane	67	1.507	1.519	-0.012	97	12053	1.00	1.13	
13 Pentane	57	1.530	1.530	0.000	88	2132	2.00	2.09	
12 Trichlorofluoromethane	101	1.564	1.564	0.000	31	7579	1.00	0.9659	M
15 Ethyl ether	59	1.622	1.622	0.000	85	4657	1.00	1.01	
14 Ethanol	46	1.564	1.622	-0.058	78	757	40.0	57.4	
17 2-Methyl-1,3-butadiene	53	1.656	1.656	0.000	82	3516	1.00	1.01	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.656	1.656	0.000	84	5068	1.00	1.13	a
19 Acrolein	56	1.702	1.690	0.012	24	1373	4.00	8.31	Ma
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.679	1.702	-0.023	47	7641	1.00	1.11	
20 1,1-Dichloroethene	96	1.747	1.759	-0.012	96	4441	1.00	1.07	
22 Acetone	58	1.759	1.759	0.000	80	2174	5.00	6.87	M
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.782	1.804	-0.022	54	4928	1.00	1.00	
24 Isopropyl alcohol	45	1.816	1.816	0.000	24	1571	10.0	11.6	
23 Iodomethane	142	1.839	1.850	-0.011	99	8642	1.00	1.03	
27 3-Chloro-1-propene	76	1.896	1.896	0.000	85	14869	1.00	0.9740	a
25 Carbon disulfide	76	1.896	1.896	0.000	96	14869	1.00	0.9759	
26 Acetonitrile	40	1.930	1.930	0.000	85	2300	10.0	12.2	
28 Methyl acetate	43	1.930	1.942	-0.012	67	4627	2.00	2.78	
29 Cyclopentene	67	1.987	1.999	-0.012	34	9868	1.00	1.02	
30 Methylene Chloride	84	2.010	2.010	0.000	32	4976	1.00	1.10	
* 31 TBA-d9 (IS)	65	1.999	2.033	-0.034	99	288628	1000.0	1000.0	M
32 2-Methyl-2-propanol	59	2.045	2.044	0.001	28	3290	10.0	12.6	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.125	2.136	-0.011	96	12378	10.0	10.3	
34 trans-1,2-Dichloroethene	96	2.159	2.159	0.000	92	3790	1.00	1.00	
35 Methyl tert-butyl ether	73	2.159	2.170	-0.011	70	11838	1.00	1.06	
36 Hexane	57	2.307	2.330	-0.023	82	4495	1.00	1.09	
37 1,1-Dichloroethane	63	2.410	2.410	0.000	92	6364	1.00	1.03	
38 Vinyl acetate	86	2.422	2.422	0.000	98	959	2.00	1.68	
39 Isopropyl ether	45	2.456	2.456	0.000	92	11332	1.00	1.01	
40 2-Chloro-1,3-butadiene	88	2.456	2.467	-0.011	64	3035	1.00	0.9429	
41 Tert-butyl ethyl ether	59	2.685	2.696	-0.011	83	7497	1.00	0.6721	
* 43 2-Butanone-d5	46	2.730	2.742	-0.012	100	284684	250.0	250.0	
46 2-Butanone (MEK)	72	2.776	2.776	0.000	79	1593	5.00	5.15	
45 cis-1,2-Dichloroethene	96	2.765	2.787	-0.022	92	3858	1.00	0.9771	M
44 2,2-Dichloropropane	97	2.810	2.810	0.000	52	1768	1.00	1.23	
47 Ethyl acetate	43	2.810	2.822	-0.012	90	12506	2.00	2.32	M
42 Propionitrile	54	2.822	2.822	0.000	93	4270	10.0	11.5	
48 Methyl acrylate	55	2.856	2.856	0.000	33	3347	1.00	1.08	
50 Methacrylonitrile	67	2.925	2.936	-0.011	89	12411	10.0	9.96	
49 Chlorobromomethane	128	2.947	2.959	-0.012	64	2541	1.00	1.19	
51 Tetrahydrofuran	42	2.982	2.993	-0.011	43	1986	2.00	2.41	
52 Chloroform	83	3.005	3.016	-0.011	91	5969	1.00	0.9851	
$ 53 Dibromofluoromethane (Surr)	113	3.119	3.130	-0.011	97	191080	50.0	50.4	
54 1,1,1-Trichloroethane	97	3.153	3.176	-0.023	96	6544	1.00	1.10	
55 Cyclohexane	84	3.210	3.233	-0.023	74	5181	1.00	0.9298	M
57 1,1-Dichloropropene	75	3.279	3.279	0.000	79	4583	1.00	1.05	
56 Carbon tetrachloride	117	3.302	3.302	0.000	82	5145	1.00	1.03	
61 Isobutyl alcohol	43	3.347	3.359	-0.012	46	2068	25.0	22.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.393	0.000	97	181942	50.0	49.8	
59 Benzene	78	3.439	3.450	-0.011	89	13839	1.00	0.99	
60 1,2-Dichloroethane	62	3.462	3.462	0.000	52	4304	1.00	0.9822	
63 Isopropyl acetate	61	3.485	3.507	-0.022	59	1441	1.00	1.14	M
62 Isooctane	57	3.519	3.530	-0.011	81	7928	1.00	1.03	
64 Tert-amyl methyl ether	73	3.530	3.542	-0.012	91	9590	1.00	0.9309	
* 65 Fluorobenzene	96	3.679	3.679	0.000	99	702574	50.0	50.0	
66 n-Heptane	43	3.679	3.679	0.000	36	4075	1.00	1.14	
68 n-Butanol	56	3.942	3.942	0.000	22	1502	25.0	32.1	
67 Trichloroethene	95	4.010	4.010	0.000	90	3356	1.00	0.9561	
69 Ethyl acrylate	55	4.113	4.113	0.000	80	3910	1.00	1.20	
70 Methylcyclohexane	83	4.205	4.205	0.000	92	5806	1.00	0.9718	
71 1,2-Dichloropropane	63	4.205	4.216	-0.011	74	3230	1.00	0.9213	
* 72 1,4-Dioxane-d8	96	4.285	4.285	0.000	76	27193	1000.0	1000.0	
73 Dibromomethane	93	4.330	4.330	0.000	52	2406	1.00	1.09	
75 Methyl methacrylate	100	4.342	4.342	0.000	93	1479	2.00	1.87	
74 1,4-Dioxane	88	4.342	4.353	-0.011	30	1483	50.0	62.3	
76 n-Propyl acetate	43	4.410	4.410	0.000	38	3671	1.00	1.04	
77 Dichlorobromomethane	83	4.490	4.490	0.000	93	3350	1.00	0.8125	
78 2-Nitropropane	41	4.730	4.719	0.011	85	1553	2.00	2.06	
79 2-Chloroethyl vinyl ether	63	4.822	4.822	0.000	68	2189	1.00	1.08	
80 Epichlorohydrin	57	4.868	4.868	0.000	93	5192	20.0	21.3	
81 cis-1,3-Dichloropropene	75	4.971	4.970	0.000	90	4248	1.00	0.9374	
82 4-Methyl-2-pentanone (MIBK)	43	5.153	5.153	0.000	95	12575	5.00	4.78	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	100	628099	50.0	50.8	
84 Toluene	91	5.336	5.348	-0.012	93	14474	1.00	1.07	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.611	5.611	0.000	62	3234	1.00	0.8151	
86 Ethyl methacrylate	69	5.759	5.771	-0.012	86	3859	1.00	1.08	
87 1,1,2-Trichloroethane	83	5.816	5.828	-0.012	87	2552	1.00	1.16	
88 Tetrachloroethene	166	5.999	5.999	0.000	91	4133	1.00	1.01	
89 1,3-Dichloropropane	76	6.022	6.033	-0.011	90	4977	1.00	1.11	
90 2-Hexanone	43	6.182	6.182	0.000	96	7396	5.00	4.64	
91 Chlorodibromomethane	129	6.319	6.319	0.000	88	3054	1.00	0.9123	
92 n-Butyl acetate	43	6.388	6.388	0.000	79	4047	1.00	1.04	
93 Ethylene Dibromide	107	6.445	6.445	0.000	95	3130	1.00	1.09	
* 94 Chlorobenzene-d5	117	7.085	7.096	-0.011	85	500524	50.0	50.0	
95 Chlorobenzene	112	7.131	7.131	0.000	90	8174	1.00	0.9359	
96 1,1,1,2-Tetrachloroethane	131	7.268	7.268	0.000	89	3189	1.00	0.8782	
97 Ethylbenzene	106	7.314	7.325	-0.011	96	5348	1.00	1.11	
98 m-Xylene & p-Xylene	106	7.496	7.496	0.000	96	5330	1.00	0.9269	
99 o-Xylene	106	8.068	8.068	0.000	92	5852	1.00	0.9609	
100 Styrene	104	8.091	8.091	0.000	95	7883	1.00	0.8467	
101 n-Butyl acrylate	73	8.125	8.125	0.000	98	2121	1.00	0.9128	
102 Bromoform	173	8.308	8.319	-0.011	41	1507	1.00	0.7764	
103 Amyl acetate (mixed isomers)	43	8.502	8.502	0.000	90	4911	1.00	0.9552	
104 Isopropylbenzene	105	8.651	8.651	0.000	94	13258	1.00	0.9094	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	95	217417	50.0	51.1	
106 Bromobenzene	156	9.051	9.051	0.000	95	4287	1.00	1.02	
107 1,1,2,2-Tetrachloroethane	83	9.142	9.142	0.000	94	4080	1.00	0.99	
108 1,2,3-Trichloropropane	75	9.177	9.165	0.012	82	2965	1.00	1.08	
109 trans-1,4-Dichloro-2-butene	75	9.234	9.234	0.000	1	800	1.00	1.05	a
110 N-Propylbenzene	91	9.302	9.302	0.000	99	17093	1.00	0.9447	
111 2-Chlorotoluene	91	9.382	9.382	0.000	94	9932	1.00	0.9223	
112 4-Ethyltoluene	105	9.497	9.497	0.000	98	15494	1.00	1.00	
113 4-Chlorotoluene	91	9.565	9.565	0.000	96	11770	1.00	1.08	
114 1,3,5-Trimethylbenzene	105	9.611	9.611	0.000	93	12527	1.00	0.9135	
115 Butyl Methacrylate	87	9.874	9.874	0.000	82	4051	1.00	0.9110	
116 tert-Butylbenzene	119	10.114	10.125	-0.011	93	10508	1.00	0.9225	
117 1,2,4-Trimethylbenzene	105	10.194	10.194	0.000	95	13233	1.00	0.9255	
118 sec-Butylbenzene	105	10.422	10.422	0.000	99	16363	1.00	0.9192	
119 1,3-Dichlorobenzene	146	10.502	10.502	0.000	96	8293	1.00	1.01	
* 120 1,4-Dichlorobenzene-d4	152	10.583	10.582	0.000	93	302684	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.605	10.605	0.000	93	9602	1.00	1.10	
122 4-Isopropyltoluene	119	10.617	10.617	0.000	97	15535	1.00	0.9381	
123 1,2,3-Trimethylbenzene	105	10.697	10.697	0.000	97	14380	1.00	0.9115	
124 Benzyl chloride	126	10.777	10.777	0.000	96	816	1.00	1.01	
125 2,3-Dihydroindene	117	10.868	10.880	-0.012	96	12681	1.00	0.8660	
126 1,2-Dichlorobenzene	146	10.971	10.971	0.000	95	8341	1.00	0.99	
127 p-Diethylbenzene	119	11.005	11.005	0.000	95	8805	1.00	0.9011	
128 n-Butylbenzene	92	11.017	11.017	0.000	97	7946	1.00	0.9889	
129 1,2-Dibromo-3-Chloropropane	157	11.611	11.611	0.000	31	1092	1.00	1.16	
130 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	97	13501	1.00	0.8908	
131 1,3,5-Trichlorobenzene	180	11.760	11.760	0.000	96	7694	1.00	1.03	
132 1,2,4-Trichlorobenzene	180	12.160	12.160	0.000	91	6033	1.00	0.9083	
133 Hexachlorobutadiene	225	12.263	12.274	-0.011	65	2337	1.00	0.9400	
134 Naphthalene	128	12.286	12.285	0.001	98	13641	1.00	0.9683	
135 1,2,3-Trichlorobenzene	180	12.434	12.434	0.000	91	8278	1.00	1.19	
S 137 1,2-Dichloroethene, Total	100				0		2.00	1.97	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		2.00	1.89	
S 139 Total BTEX	1				0		5.00	5.06	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00627	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00200	Amount Added:	10.00	Units: uL	
ACROLEIN W_00180	Amount Added:	4.00	Units: uL	
14DIOXINTER_00178	Amount Added:	30.00	Units: uL	
524FREONS_00030	Amount Added:	10.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Feb-2025 12:52:50 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D

Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9 Operator ID:

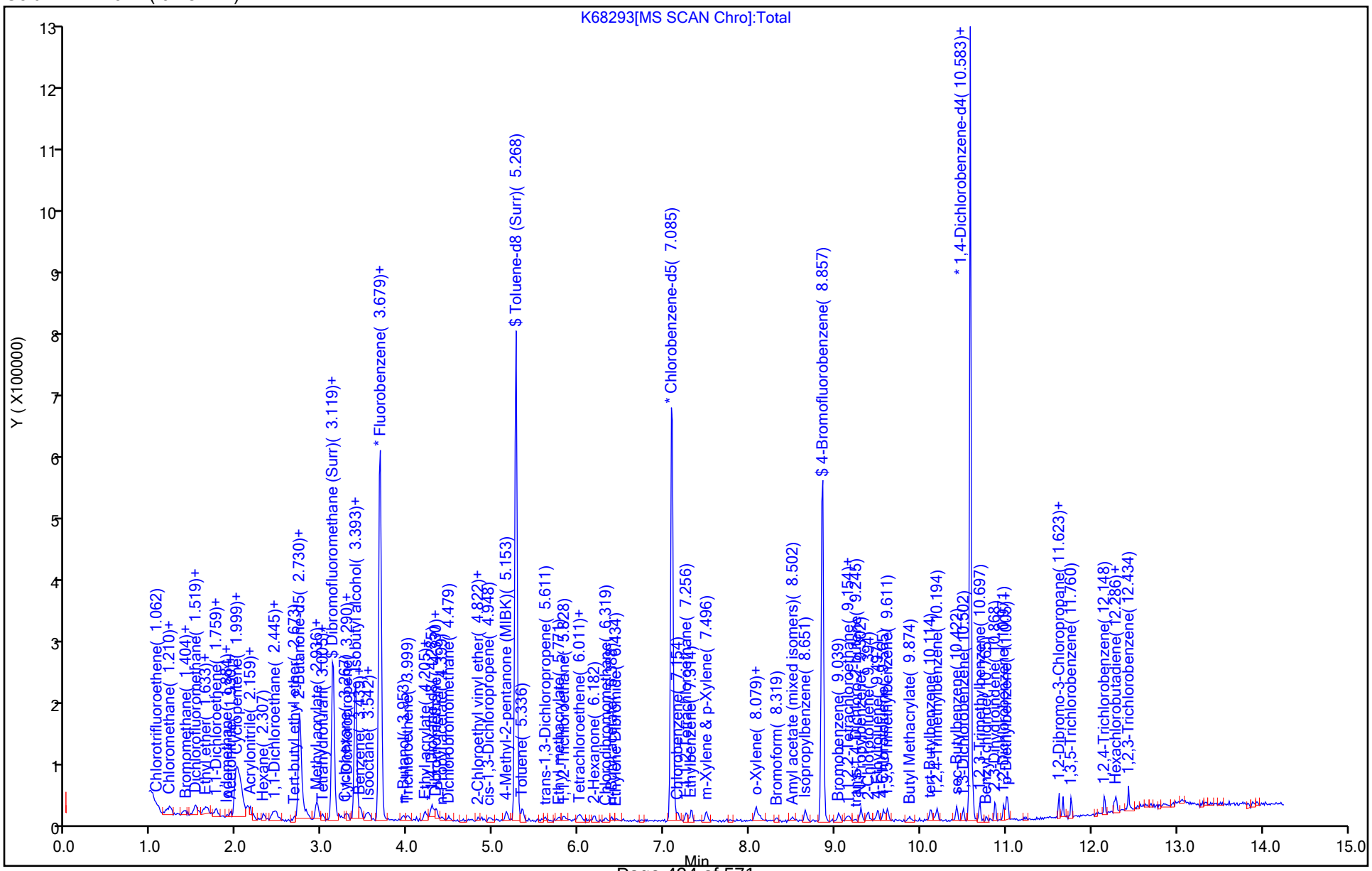
Lims ID: STD1 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

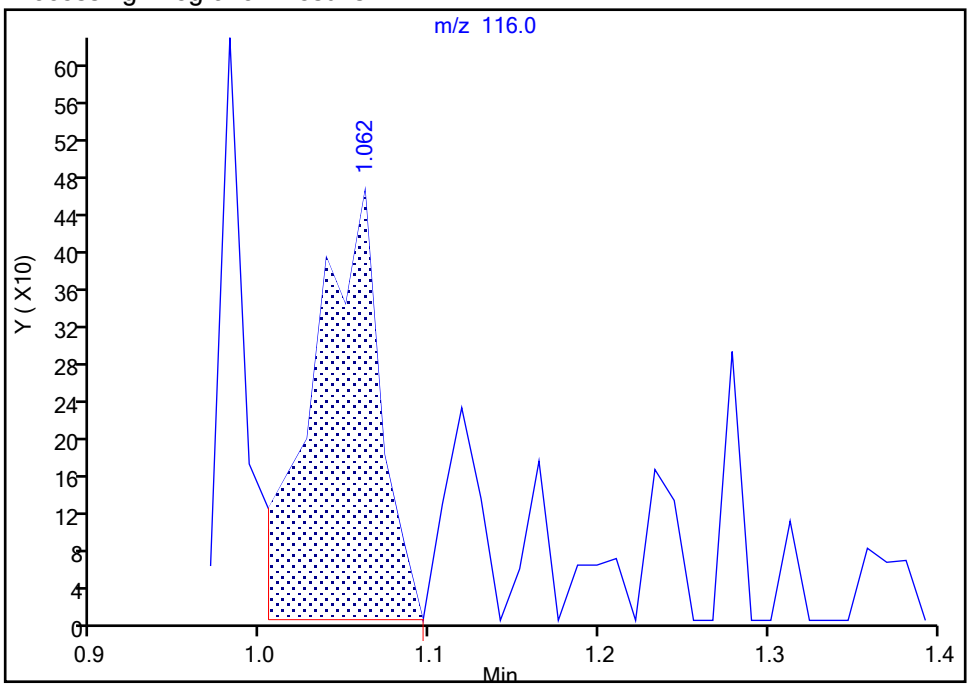
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

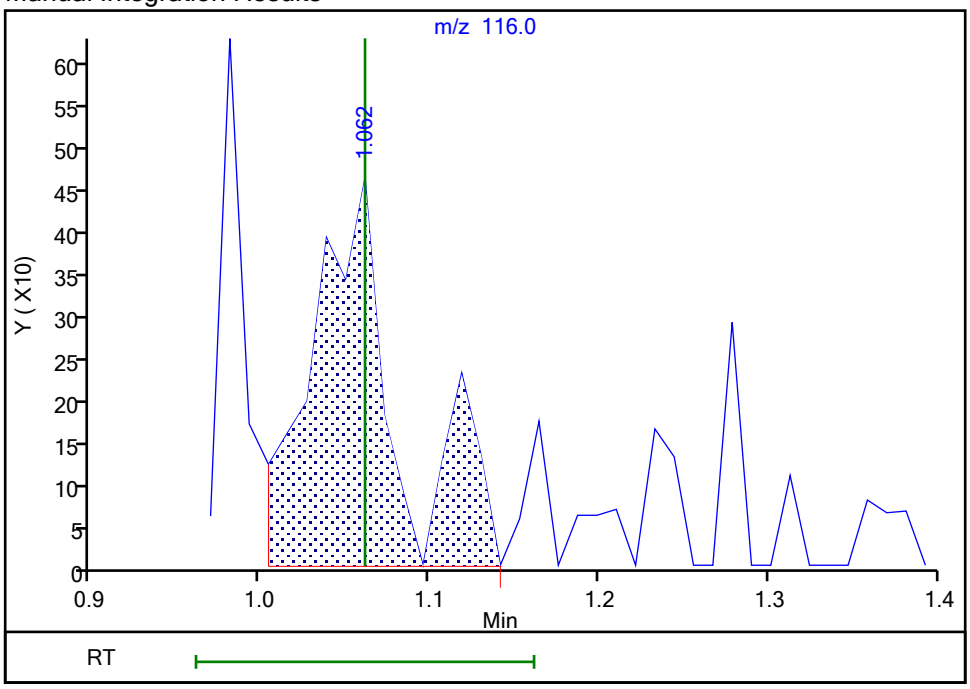
Processing Integration Results

RT: 1.06
Area: 1311
Amount: 0.484255
Amount Units: ug/l



Manual Integration Results

RT: 1.06
Area: 1641
Amount: 0.846097
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:22:58 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

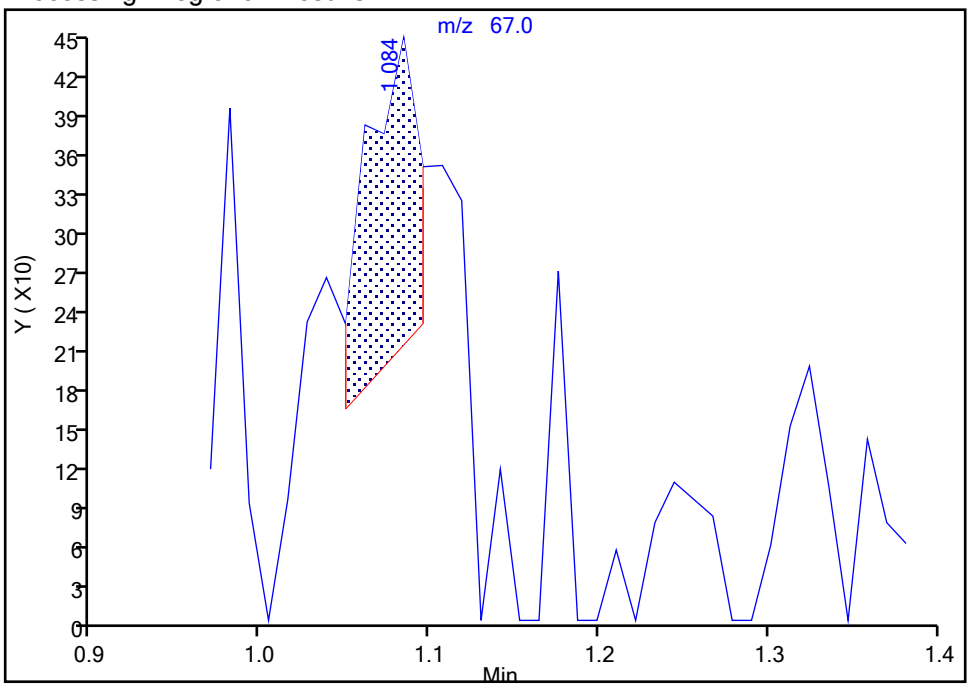
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

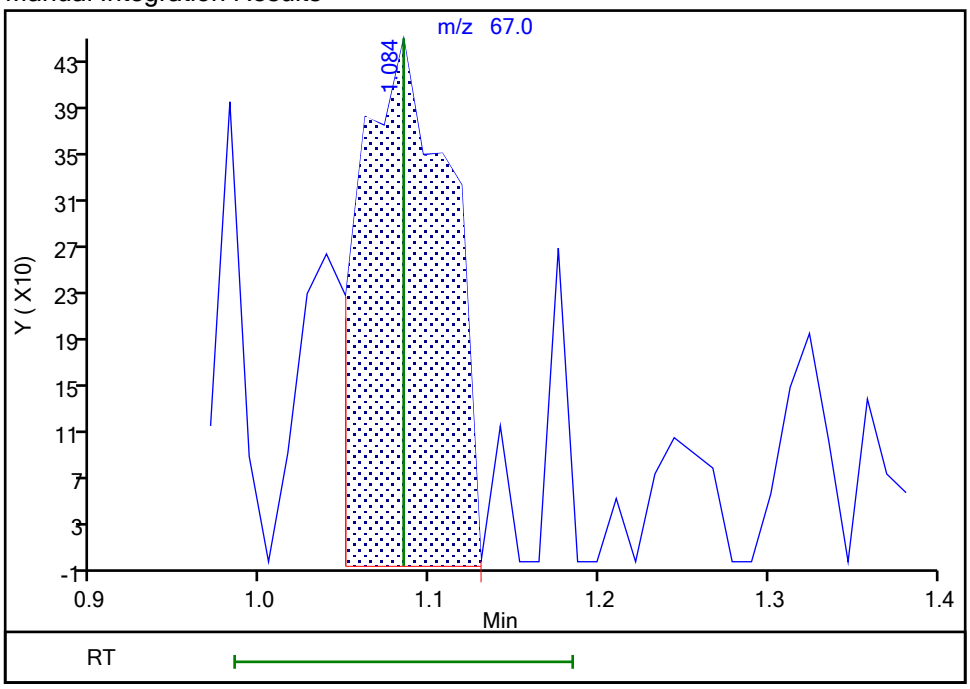
Processing Integration Results

RT: 1.08
Area: 550
Amount: 0.449334
Amount Units: ug/l



Manual Integration Results

RT: 1.08
Area: 1694
Amount: 1.360507
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:05:30 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

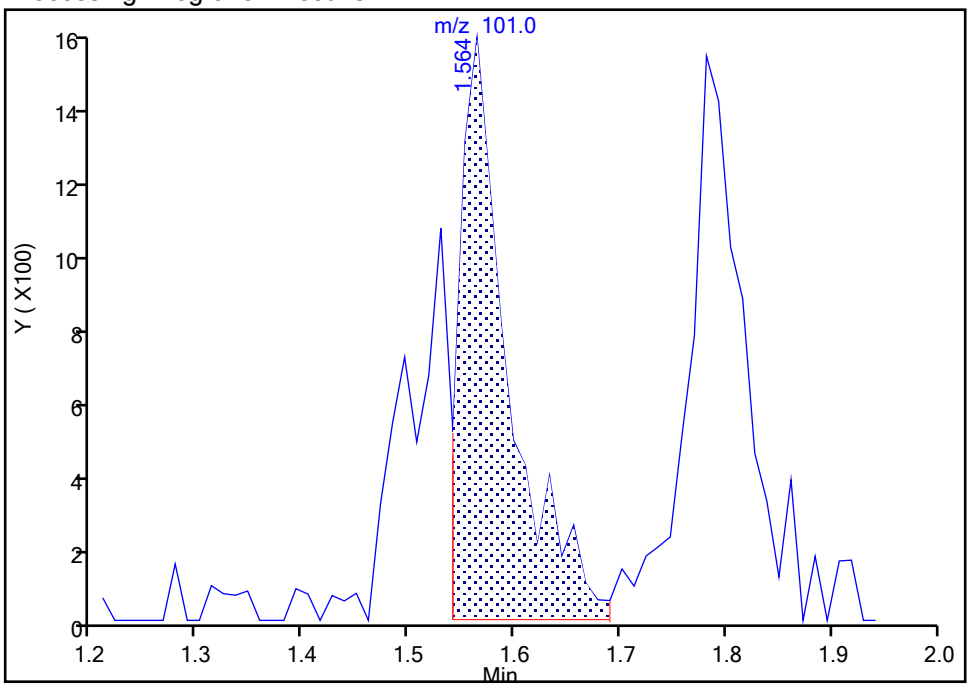
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

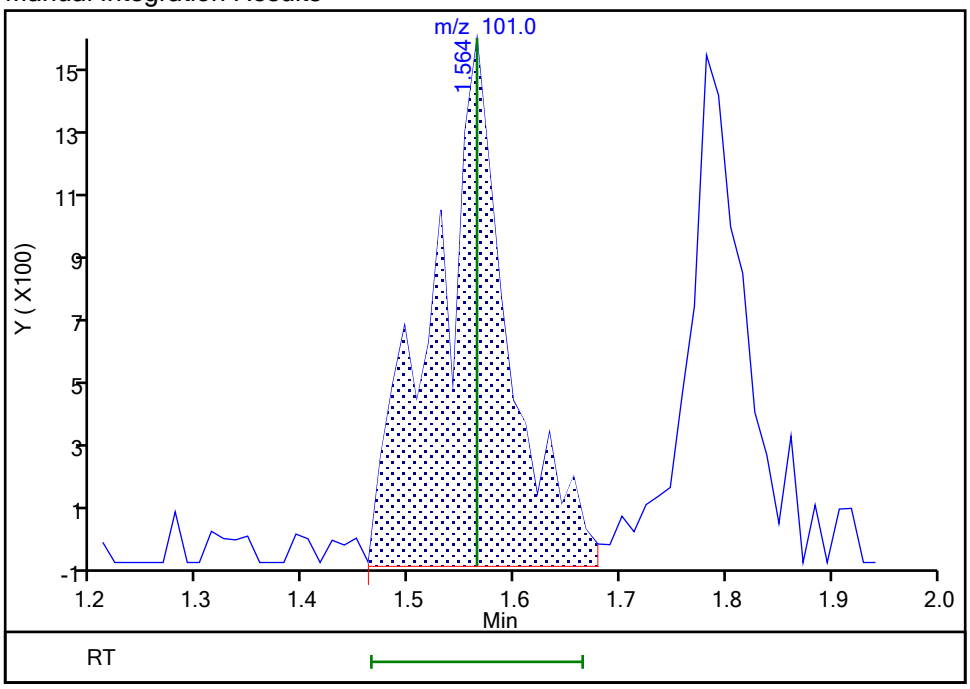
Processing Integration Results

RT: 1.56
Area: 4999
Amount: 0.674058
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 7579
Amount: 0.965936
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:05:44 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

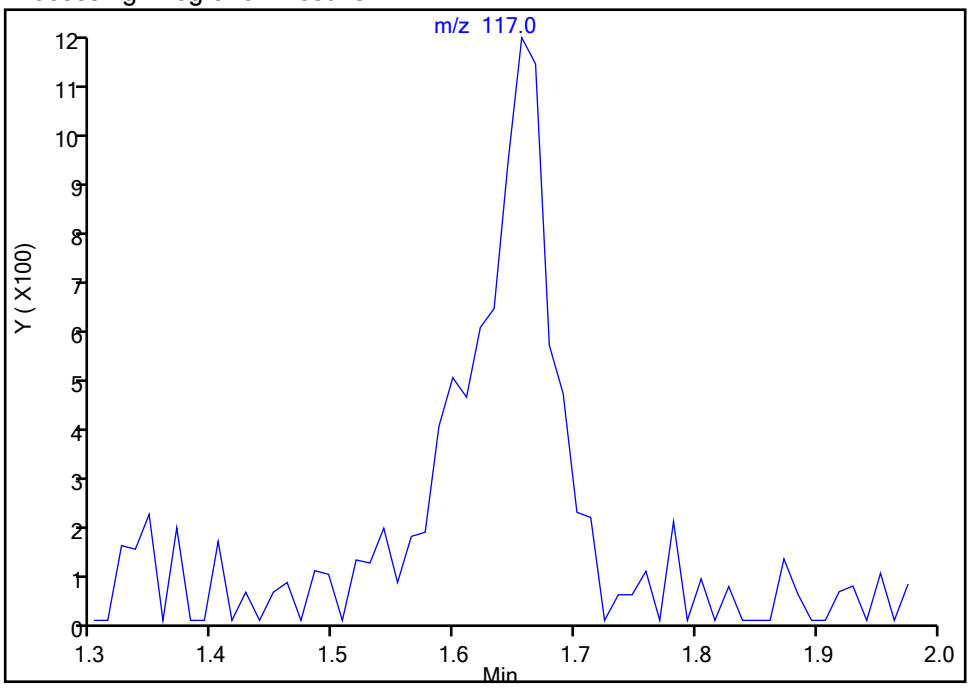
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

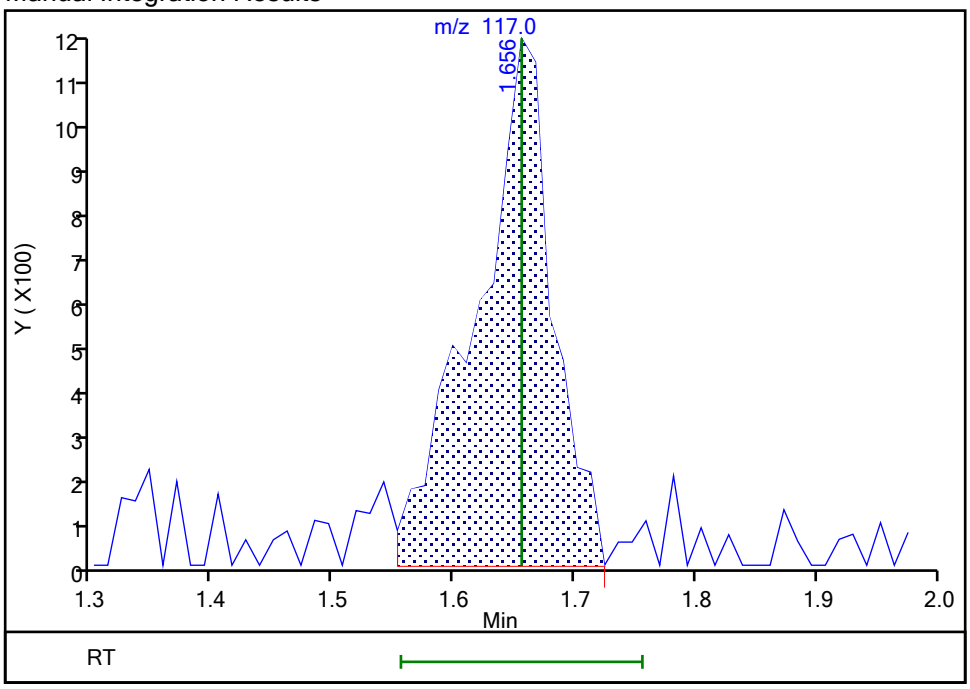
Not Detected
Expected RT: 1.66

Processing Integration Results



Manual Integration Results

RT: 1.66
Area: 5068
Amount: 1.126469
Amount Units: ug/l



Reviewer: RD6L, 20-Feb-2025 15:31:22 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

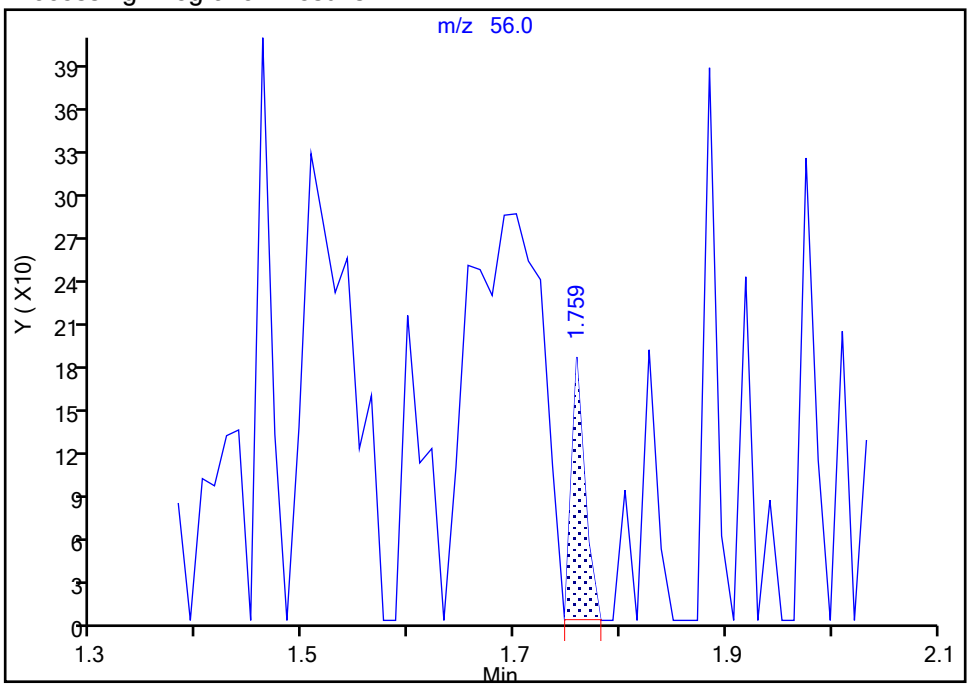
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

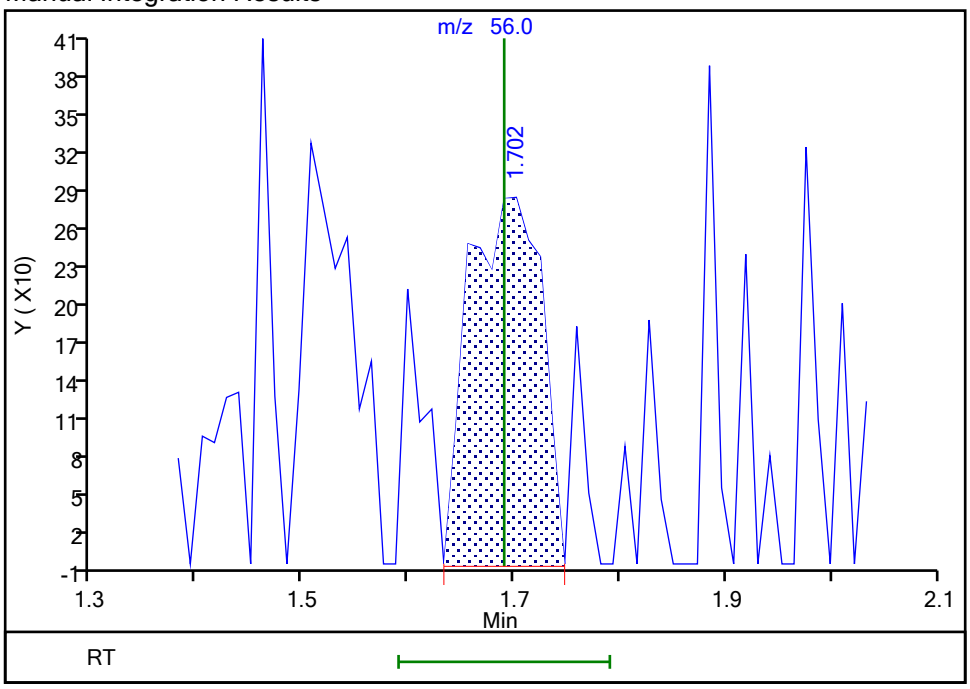
Processing Integration Results

RT: 1.76
Area: 164
Amount: 1.319212
Amount Units: ug/l



Manual Integration Results

RT: 1.70
Area: 1373
Amount: 8.306857
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:05:58 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

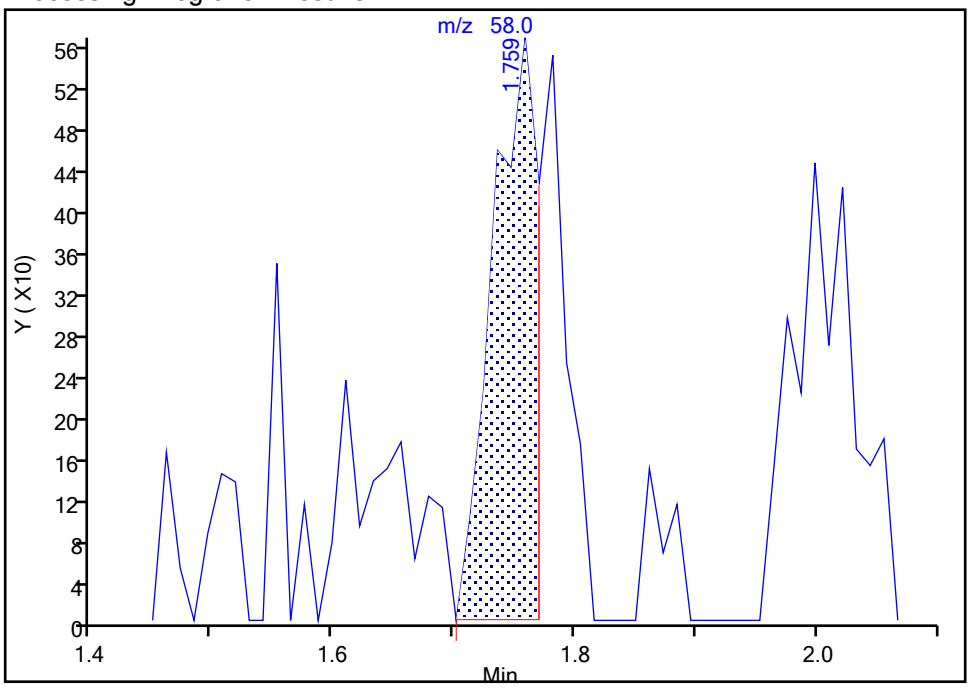
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Signal: 1

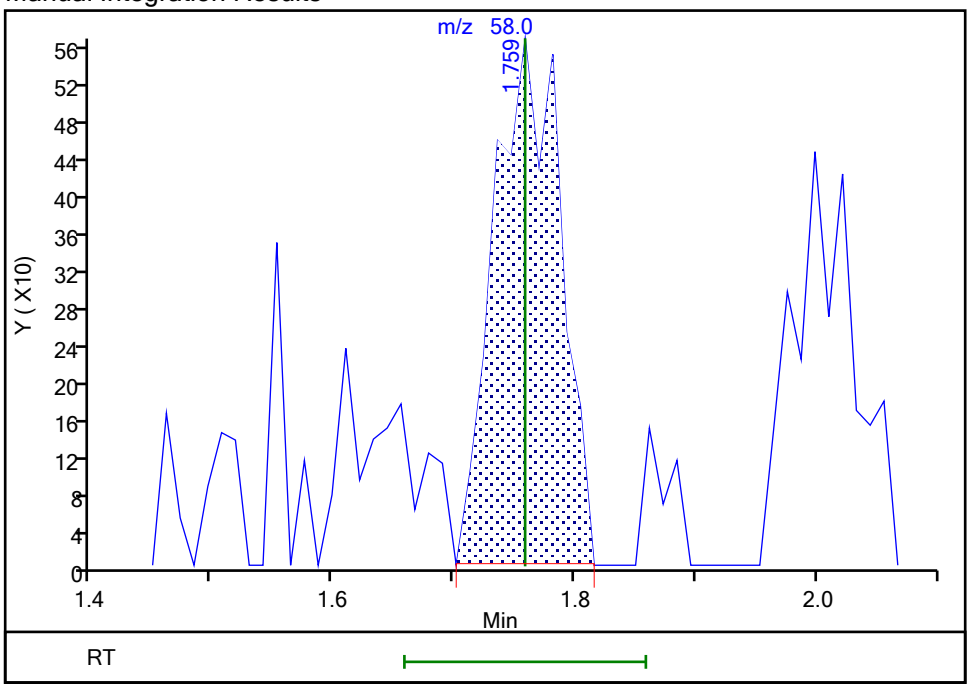
Processing Integration Results

RT: 1.76
Area: 1521
Amount: 5.161254
Amount Units: ug/l



Manual Integration Results

RT: 1.76
Area: 2174
Amount: 6.869692
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:06:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

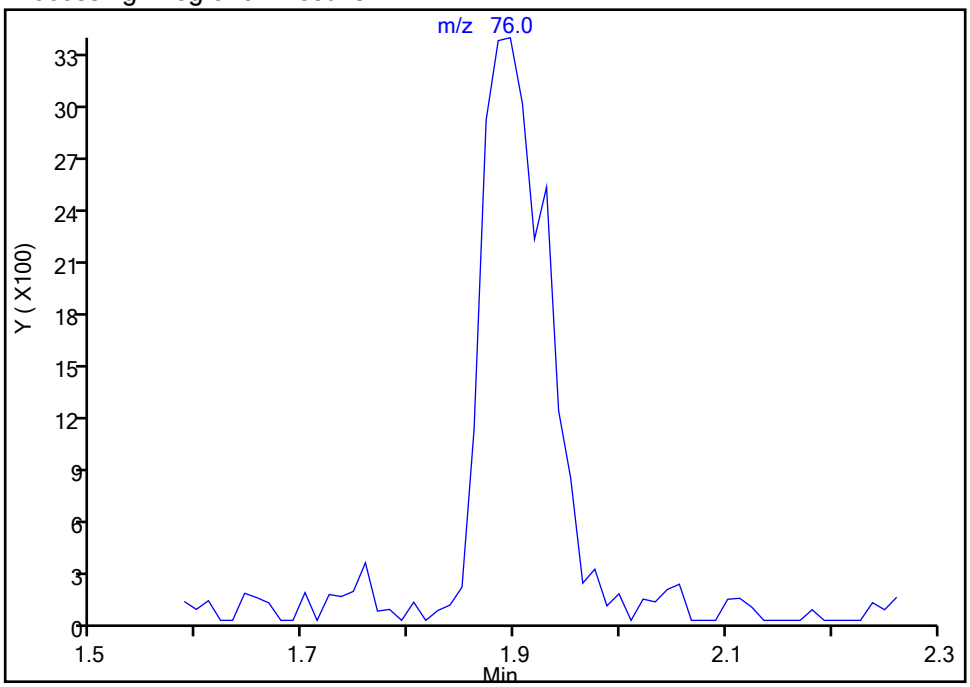
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

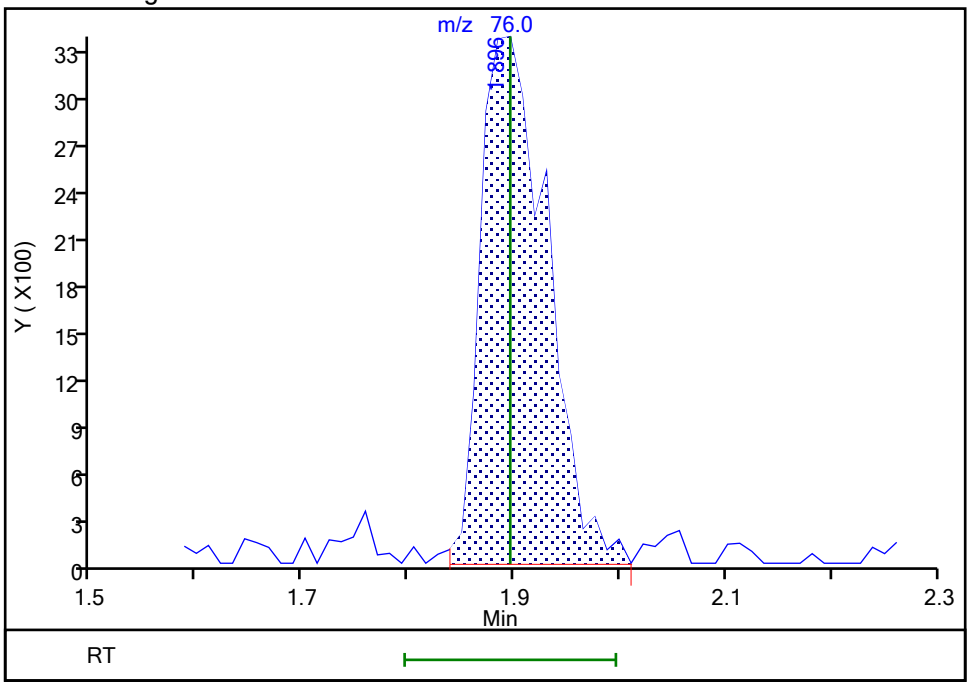
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.90
Area: 14869
Amount: 0.974040
Amount Units: ug/l



Reviewer: RD6L, 20-Feb-2025 15:31:07 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

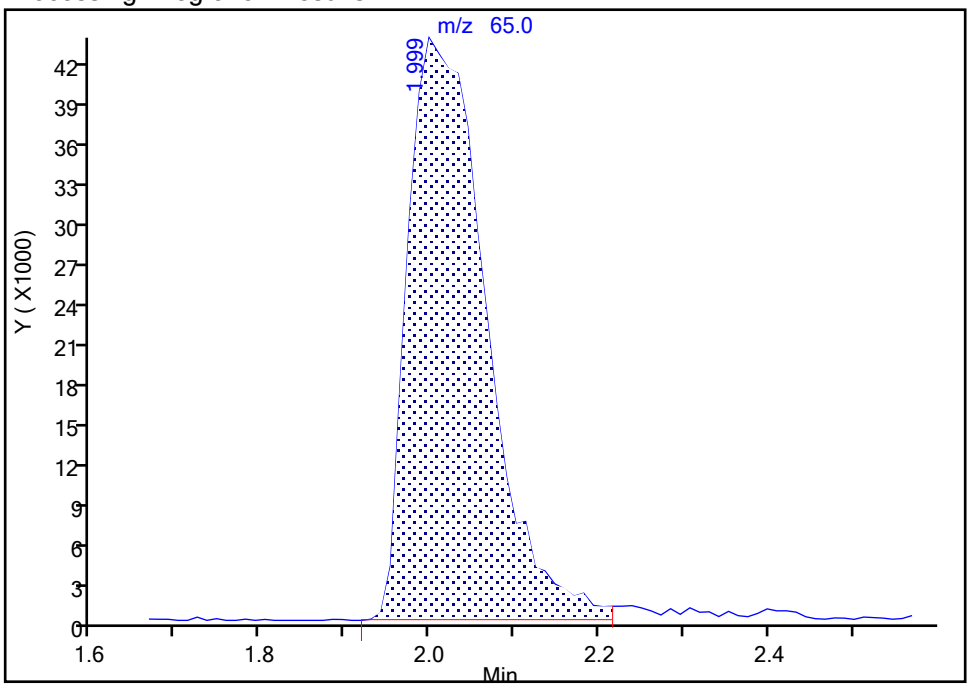
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

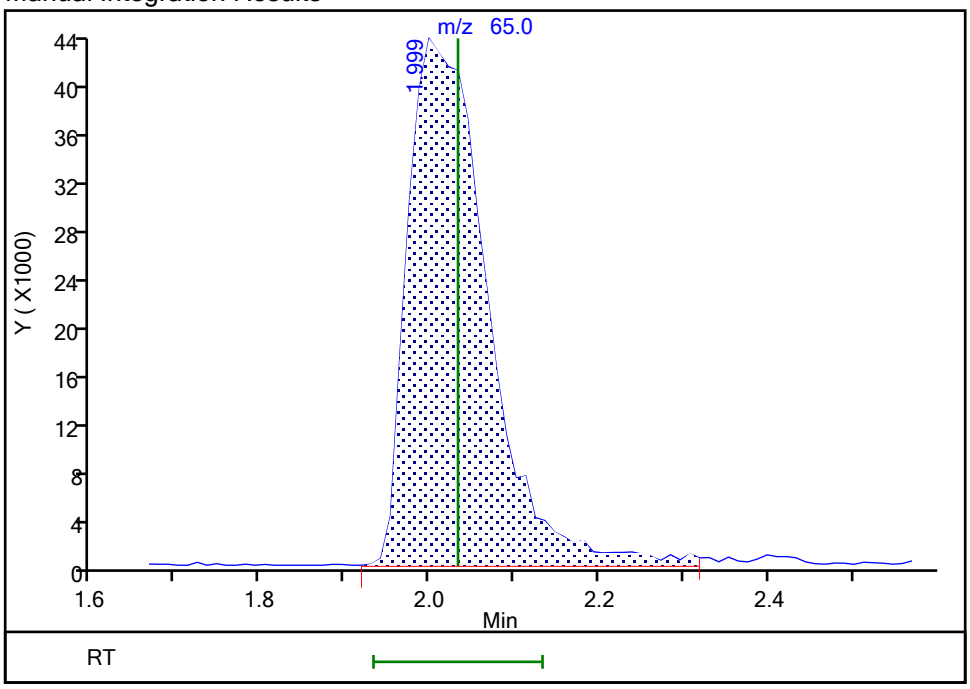
Processing Integration Results

RT: 2.00
Area: 284083
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.00
Area: 288628
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:28:29 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

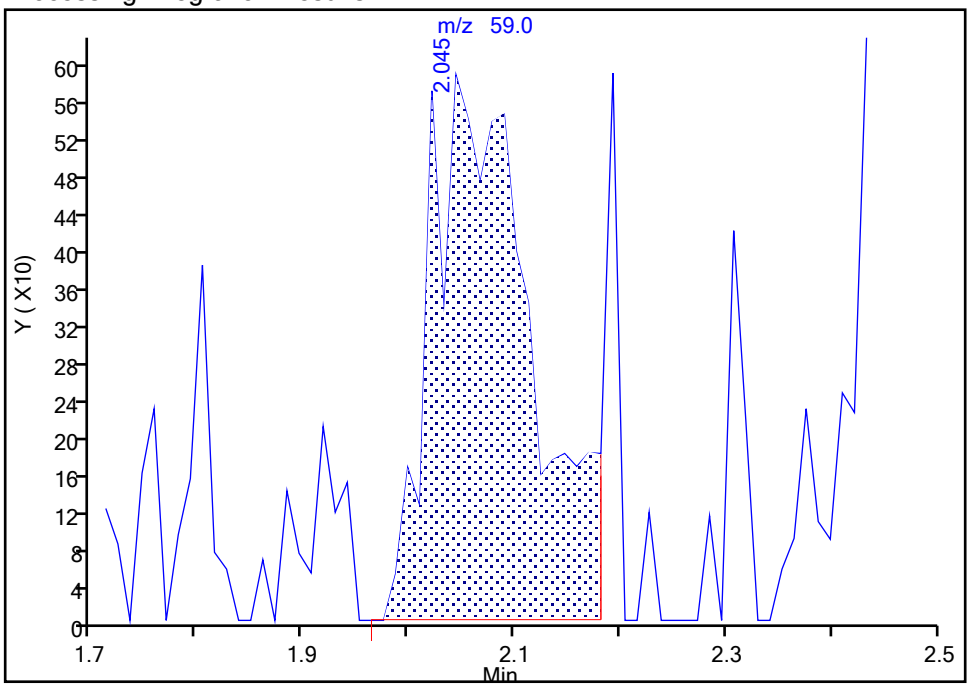
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

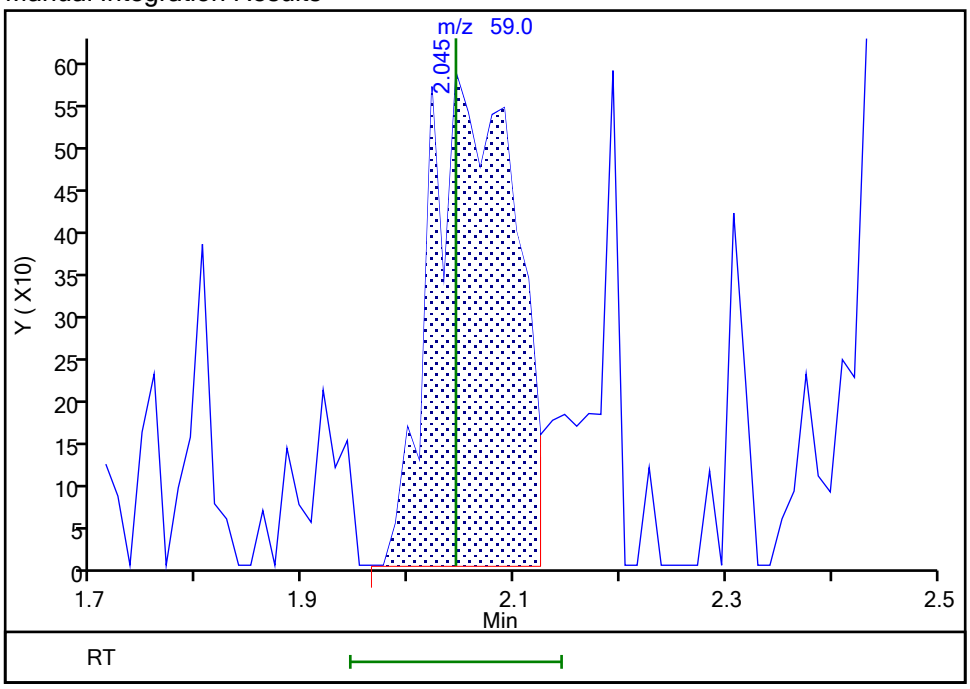
Processing Integration Results

RT: 2.04
Area: 3890
Amount: 16.590533
Amount Units: ug/l



Manual Integration Results

RT: 2.04
Area: 3290
Amount: 12.611839
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:28:02 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

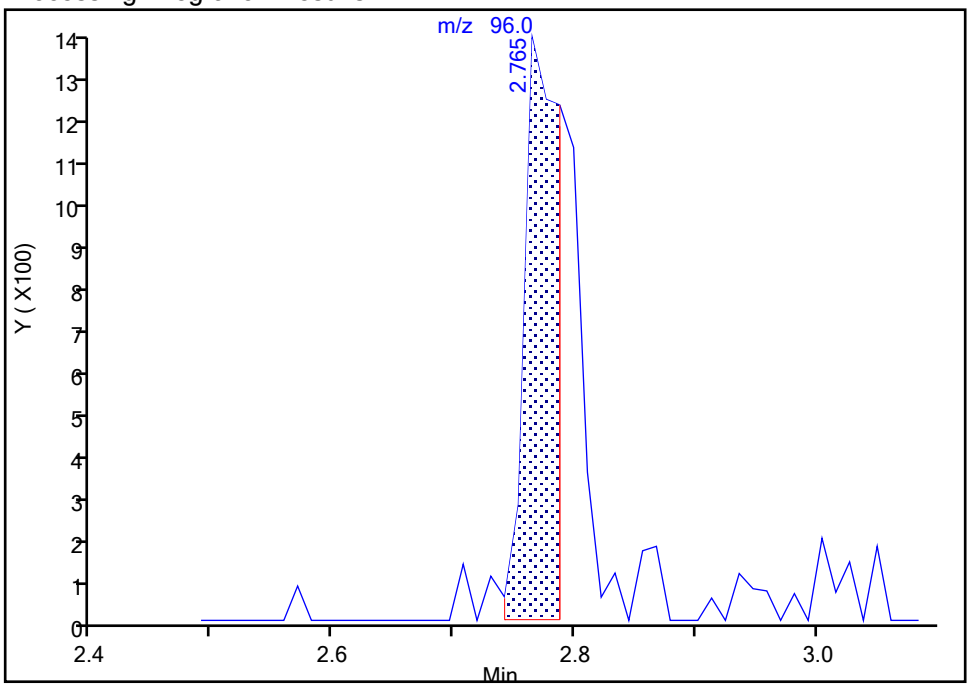
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

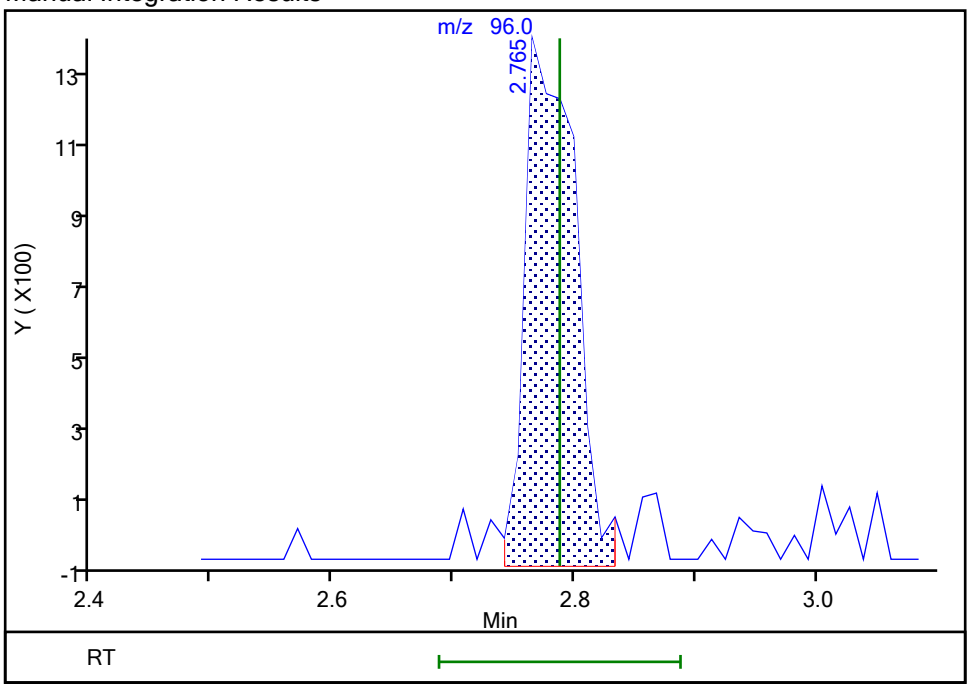
Processing Integration Results

RT: 2.76
Area: 2703
Amount: 0.709532
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 3858
Amount: 0.977119
Amount Units: ug/l



Reviewer: KG2Q, 21-Feb-2025 08:40:26 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

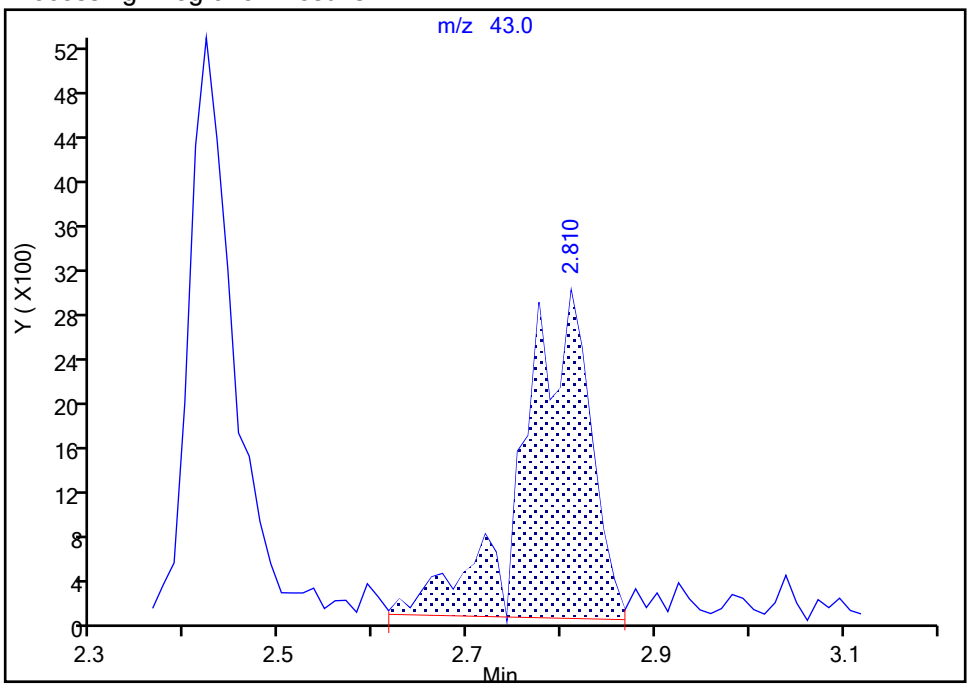
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

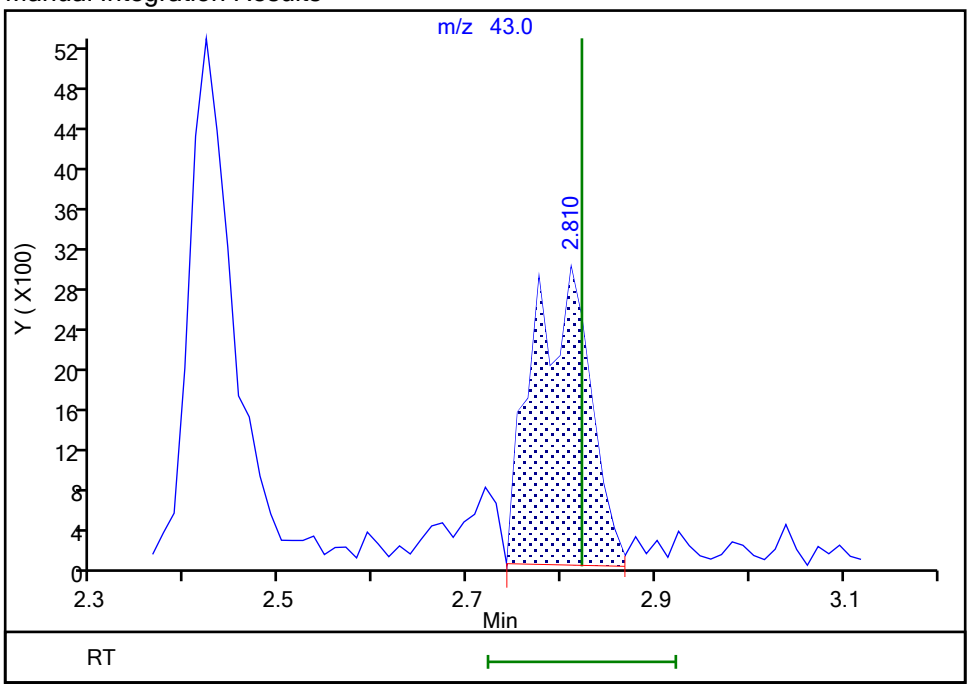
Processing Integration Results

RT: 2.81
Area: 15024
Amount: 2.687002
Amount Units: ug/l



Manual Integration Results

RT: 2.81
Area: 12506
Amount: 2.323876
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:06:38 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

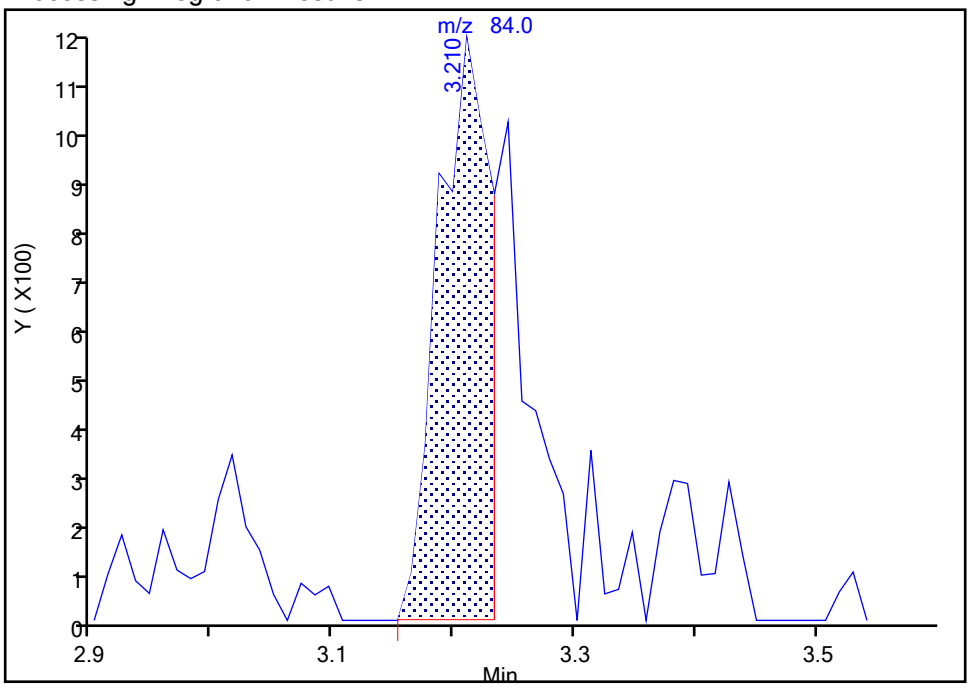
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

55 Cyclohexane, CAS: 110-82-7

Signal: 1

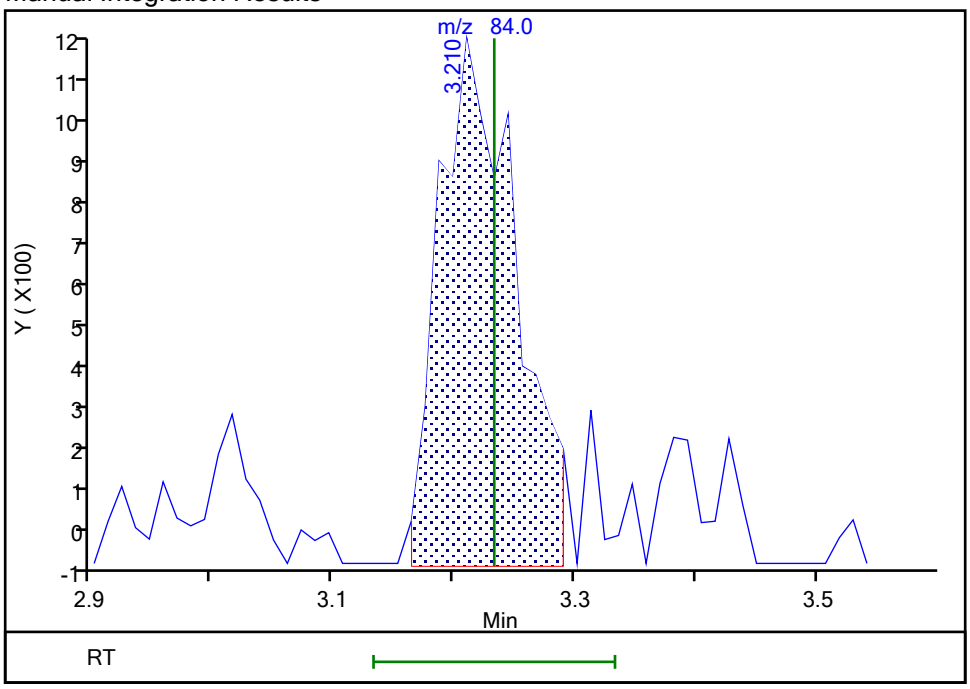
Processing Integration Results

RT: 3.21
Area: 3511
Amount: 0.514032
Amount Units: ug/l



Manual Integration Results

RT: 3.21
Area: 5181
Amount: 0.929837
Amount Units: ug/l



Reviewer: KG2Q, 21-Feb-2025 08:40:43 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

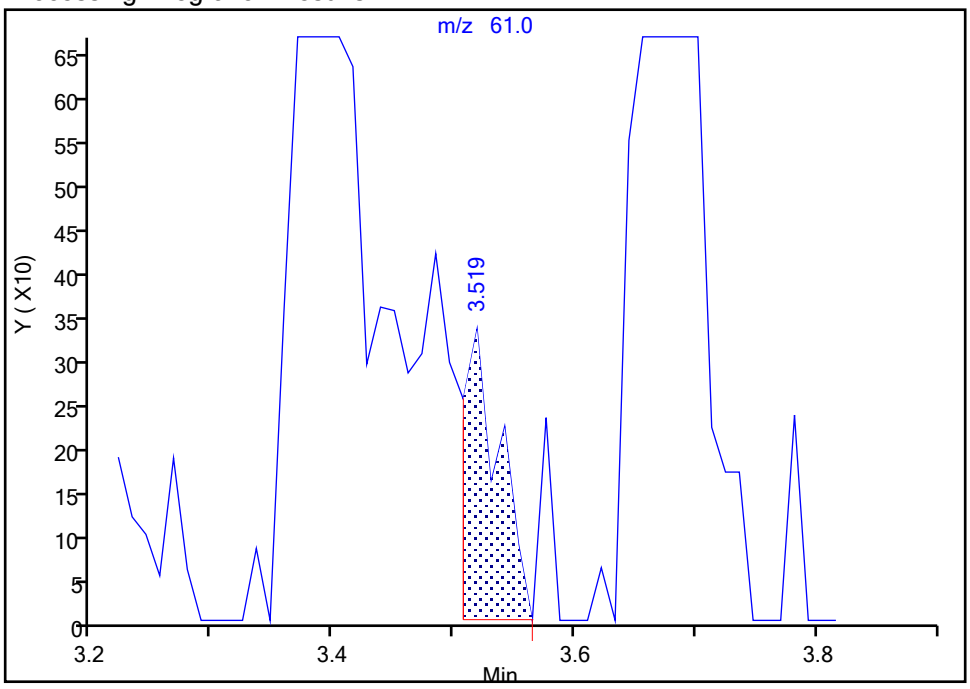
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

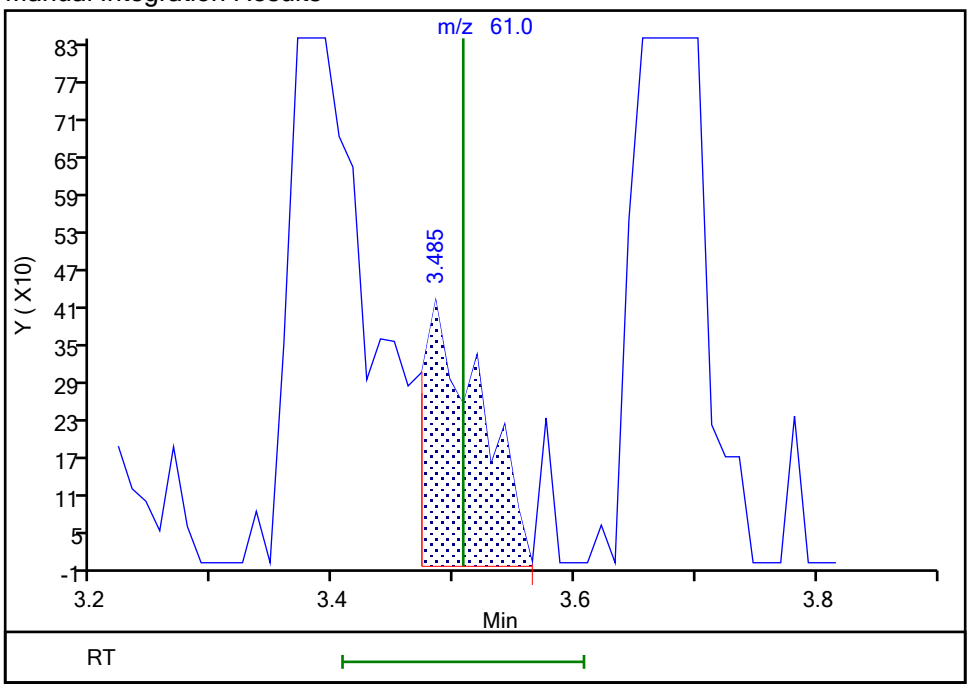
Processing Integration Results

RT: 3.52
Area: 719
Amount: 0.712146
Amount Units: ug/l



Manual Integration Results

RT: 3.48
Area: 1441
Amount: 1.143925
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:07:01 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

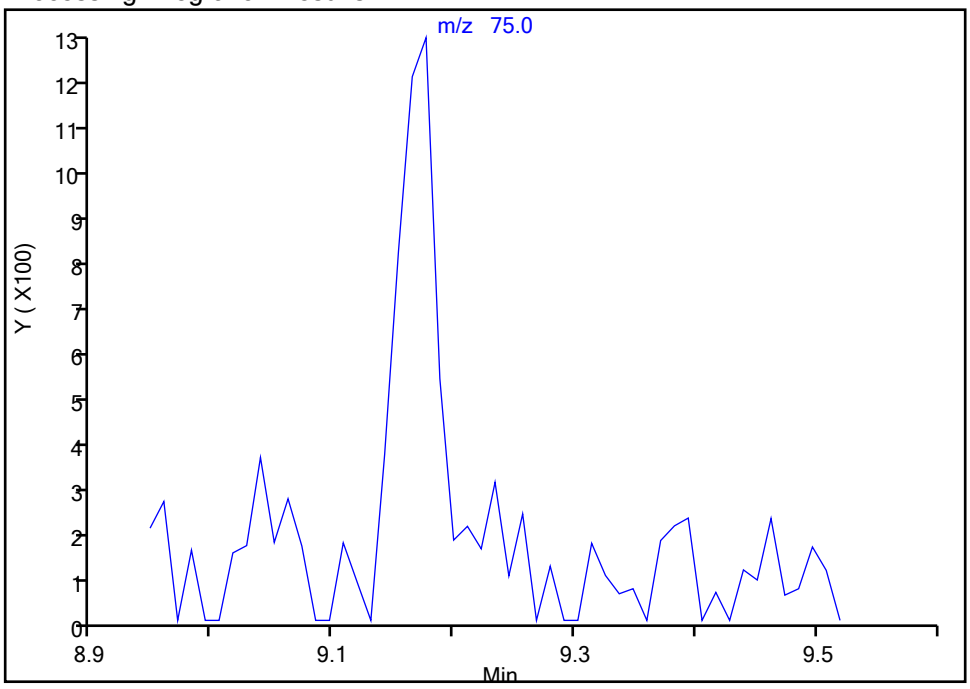
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68293.D
Injection Date: 20-Feb-2025 13:17:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

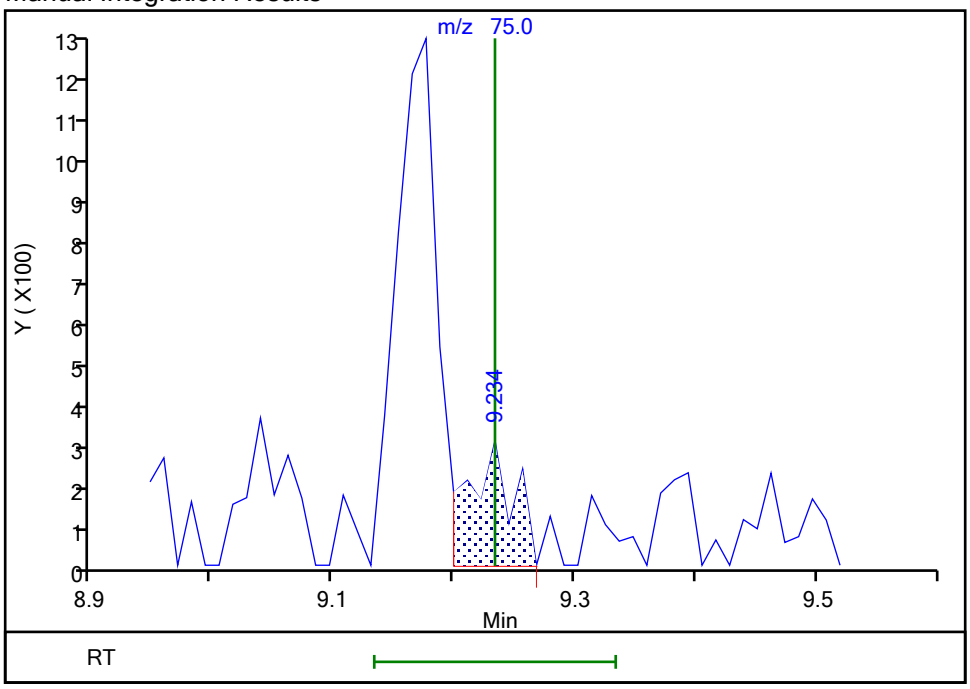
Not Detected
Expected RT: 9.23

Processing Integration Results



Manual Integration Results

RT: 9.23
Area: 800
Amount: 1.045684
Amount Units: ug/l



Reviewer: KG2Q, 21-Feb-2025 08:41:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68294.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 20-Feb-2025 13:41:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0187106-006
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 12:53:07 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: RD6L Date: 20-Feb-2025 15:30:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.061	1.062	-0.001	52	7873	5.00	4.12	
5 Chlorodifluoromethane	67	1.096	1.084	0.012	94	5688	5.00	4.60	
3 Dichlorodifluoromethane	85	1.084	1.084	0.000	69	53919	5.00	4.86	
6 Chloromethane	50	1.187	1.199	-0.012	98	61535	5.00	4.88	
8 Butadiene	54	1.233	1.233	0.000	94	40818	5.00	4.73	
7 Vinyl chloride	62	1.233	1.244	-0.011	81	38114	5.00	4.97	
9 Bromomethane	94	1.393	1.404	-0.011	98	28803	5.00	5.19	
10 Chloroethane	64	1.416	1.416	0.000	95	20147	5.00	4.82	
11 Dichlorofluoromethane	67	1.519	1.519	0.000	98	53908	5.00	5.10	
13 Pentane	57	1.530	1.530	0.000	98	8330	10.0	8.23	
12 Trichlorofluoromethane	101	1.564	1.564	0.000	58	39309	5.00	5.04	
15 Ethyl ether	59	1.610	1.622	-0.012	74	15587	5.00	4.85	
14 Ethanol	46	1.599	1.622	-0.023	77	3668	200.0	294.7	
17 2-Methyl-1,3-butadiene	53	1.644	1.656	-0.012	80	14375	5.00	4.15	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.633	1.656	-0.023	87	20981	5.00	4.69	M
19 Acrolein	56	1.702	1.690	0.012	26	2289	20.0	14.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.702	1.702	0.000	66	33689	5.00	4.91	a
20 1,1-Dichloroethene	96	1.759	1.759	0.000	96	17773	5.00	4.29	
22 Acetone	58	1.770	1.759	0.011	87	7758	25.0	24.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.804	1.804	0.000	96	20447	5.00	4.18	
24 Isopropyl alcohol	45	1.804	1.816	-0.012	41	7121	50.0	55.7	M
23 Iodomethane	142	1.850	1.850	0.000	98	39606	5.00	4.77	
27 3-Chloro-1-propene	76	1.896	1.896	0.000	93	63284	5.00	4.17	a
25 Carbon disulfide	76	1.896	1.896	0.000	98	63500	5.00	4.19	M
26 Acetonitrile	40	1.919	1.930	-0.011	81	13422	50.0	75.7	
28 Methyl acetate	43	1.942	1.942	0.000	66	21290	10.0	13.6	
29 Cyclopentene	67	1.987	1.999	-0.012	62	30618	5.00	3.18	
30 Methylene Chloride	84	2.010	2.010	0.000	86	23479	5.00	5.21	
* 31 TBA-d9 (IS)	65	2.010	2.033	-0.023	98	272482	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.033	2.044	-0.011	31	11548	50.0	46.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.124	2.136	-0.012	98	58045	50.0	48.7	
34 trans-1,2-Dichloroethene	96	2.159	2.159	0.000	92	16541	5.00	4.38	
35 Methyl tert-butyl ether	73	2.170	2.170	0.000	81	54915	5.00	4.92	
36 Hexane	57	2.319	2.330	-0.011	93	16055	5.00	3.93	
37 1,1-Dichloroethane	63	2.410	2.410	0.000	99	28416	5.00	4.65	
38 Vinyl acetate	86	2.422	2.422	0.000	100	6258	10.0	11.1	
39 Isopropyl ether	45	2.444	2.456	-0.012	85	54049	5.00	4.85	
40 2-Chloro-1,3-butadiene	88	2.467	2.467	0.000	93	13346	5.00	4.17	
41 Tert-butyl ethyl ether	59	2.685	2.696	-0.012	89	73085	5.00	6.59	
* 43 2-Butanone-d5	46	2.742	2.742	0.000	100	280366	250.0	250.0	
46 2-Butanone (MEK)	72	2.787	2.776	0.011	47	7812	25.0	25.7	
45 cis-1,2-Dichloroethene	96	2.787	2.787	0.000	95	18196	5.00	4.64	
44 2,2-Dichloropropane	97	2.787	2.810	-0.023	37	6204	5.00	4.35	M
47 Ethyl acetate	43	2.810	2.822	-0.012	86	52297	10.0	9.87	
42 Propionitrile	54	2.833	2.822	0.011	87	18855	50.0	54.0	
48 Methyl acrylate	55	2.845	2.856	-0.011	97	13866	5.00	4.51	
50 Methacrylonitrile	67	2.936	2.936	0.000	91	58189	50.0	47.0	
49 Chlorobromomethane	128	2.959	2.959	0.000	73	10426	5.00	4.93	
51 Tetrahydrofuran	42	2.993	2.993	0.000	32	8169	10.0	10.1	
52 Chloroform	83	3.016	3.016	0.000	95	28255	5.00	4.69	
$ 53 Dibromofluoromethane (Surr)	113	3.130	3.130	0.000	95	197054	50.0	52.3	
54 1,1,1-Trichloroethane	97	3.165	3.176	-0.011	98	25879	5.00	4.39	
55 Cyclohexane	84	3.222	3.233	-0.011	89	20667	5.00	3.73	
57 1,1-Dichloropropene	75	3.290	3.279	0.011	97	18797	5.00	4.32	
56 Carbon tetrachloride	117	3.302	3.302	0.000	82	19178	5.00	3.86	
61 Isobutyl alcohol	43	3.359	3.359	0.000	45	10753	125.0	125.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.393	0.000	98	185935	50.0	51.2	
59 Benzene	78	3.450	3.450	0.000	92	62974	5.00	4.43	
60 1,2-Dichloroethane	62	3.450	3.462	-0.012	74	20393	5.00	4.68	
63 Isopropyl acetate	61	3.496	3.507	-0.011	70	5717	5.00	4.57	
62 Isooctane	57	3.530	3.530	0.000	87	39272	5.00	4.11	
64 Tert-amyl methyl ether	73	3.553	3.542	0.011	92	47697	5.00	4.66	
* 65 Fluorobenzene	96	3.679	3.679	0.000	99	698303	50.0	50.0	
66 n-Heptane	43	3.679	3.679	0.000	37	14444	5.00	4.06	
68 n-Butanol	56	3.942	3.942	0.000	36	5125	125.0	116.2	
67 Trichloroethene	95	4.010	4.010	0.000	93	14704	5.00	4.21	
69 Ethyl acrylate	55	4.113	4.113	0.000	97	14859	5.00	4.59	
70 Methylcyclohexane	83	4.205	4.205	0.000	87	23117	5.00	3.89	
71 1,2-Dichloropropane	63	4.216	4.216	0.000	81	16133	5.00	4.63	
* 72 1,4-Dioxane-d8	96	4.285	4.285	0.000	75	28662	1000.0	1000.0	
73 Dibromomethane	93	4.319	4.330	-0.011	91	10675	5.00	4.88	
75 Methyl methacrylate	100	4.353	4.342	0.011	89	7345	10.0	9.35	
74 1,4-Dioxane	88	4.353	4.353	0.000	26	2840	100.0	113.2	M
76 n-Propyl acetate	43	4.410	4.410	0.000	67	16357	5.00	4.65	
77 Dichlorobromomethane	83	4.490	4.490	0.000	96	18820	5.00	4.59	
78 2-Nitropropane	41	4.730	4.719	0.011	91	4410	10.0	8.23	
79 2-Chloroethyl vinyl ether	63	4.822	4.822	0.000	91	11150	5.01	5.53	
80 Epichlorohydrin	57	4.868	4.868	0.000	98	23254	100.0	96.8	
81 cis-1,3-Dichloropropene	75	4.970	4.970	0.000	90	20957	5.00	4.53	
82 4-Methyl-2-pentanone (MIBK)	43	5.153	5.153	0.000	96	61036	25.0	23.6	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	100	640140	50.0	50.8	
84 Toluene	91	5.348	5.348	0.000	93	63035	5.00	4.58	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.611	5.611	-0.001	96	17443	5.00	4.31	
86 Ethyl methacrylate	69	5.759	5.771	-0.012	89	14801	5.00	4.07	
87 1,1,2-Trichloroethane	83	5.828	5.828	0.000	95	11002	5.00	4.89	
88 Tetrachloroethene	166	5.999	5.999	0.000	96	14883	5.00	4.09	
89 1,3-Dichloropropane	76	6.033	6.033	0.000	89	21544	5.00	4.73	
90 2-Hexanone	43	6.182	6.182	0.000	98	35589	25.0	22.7	
91 Chlorodibromomethane	129	6.319	6.319	0.000	94	15262	5.00	4.47	
92 n-Butyl acetate	43	6.388	6.388	0.000	98	16213	5.00	4.08	
93 Ethylene Dibromide	107	6.445	6.445	0.000	94	13297	5.00	4.53	
* 94 Chlorobenzene-d5	117	7.096	7.096	0.000	84	510587	50.0	50.0	
95 Chlorobenzene	112	7.131	7.131	0.000	96	41681	5.00	4.68	
96 1,1,1,2-Tetrachloroethane	131	7.268	7.268	0.000	87	18988	5.00	5.13	
97 Ethylbenzene	106	7.314	7.325	-0.011	98	21566	5.00	4.39	
98 m-Xylene & p-Xylene	106	7.496	7.496	0.000	95	26031	5.00	4.44	
99 o-Xylene	106	8.068	8.068	0.000	92	27673	5.00	4.45	
100 Styrene	104	8.091	8.091	0.000	92	40097	5.00	4.22	
101 n-Butyl acrylate	73	8.125	8.125	0.000	97	8506	5.00	3.59	
102 Bromoform	173	8.319	8.319	0.000	96	9047	5.00	4.57	
103 Amyl acetate (mixed isomers)	43	8.502	8.502	0.000	93	19987	5.00	3.88	
104 Isopropylbenzene	105	8.651	8.651	0.000	94	64281	5.00	4.32	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	97	223527	50.0	51.5	
106 Bromobenzene	156	9.051	9.051	0.000	91	20637	5.00	4.88	
107 1,1,2,2-Tetrachloroethane	83	9.142	9.142	0.000	95	18108	5.00	4.39	
108 1,2,3-Trichloropropane	75	9.165	9.165	0.000	94	13435	5.00	4.89	
109 trans-1,4-Dichloro-2-butene	75	9.234	9.234	0.000	37	2571	5.00	3.35	M
110 N-Propylbenzene	91	9.302	9.302	0.000	99	76456	5.00	4.22	
111 2-Chlorotoluene	91	9.382	9.382	0.000	96	50279	5.00	4.66	
112 4-Ethyltoluene	105	9.497	9.497	0.000	98	65649	5.00	4.24	
113 4-Chlorotoluene	91	9.565	9.565	0.000	96	45741	5.00	4.18	
114 1,3,5-Trimethylbenzene	105	9.611	9.611	0.000	94	59230	5.00	4.31	
115 Butyl Methacrylate	87	9.874	9.874	0.000	89	17059	5.00	3.83	
116 tert-Butylbenzene	119	10.125	10.125	0.000	94	46534	5.00	4.08	
117 1,2,4-Trimethylbenzene	105	10.194	10.194	0.000	96	65517	5.00	4.57	
118 sec-Butylbenzene	105	10.422	10.422	0.000	99	72727	5.00	4.08	
119 1,3-Dichlorobenzene	146	10.502	10.502	0.000	98	37787	5.00	4.60	
* 120 1,4-Dichlorobenzene-d4	152	10.582	10.582	0.000	94	303293	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.605	10.605	0.000	95	40577	5.00	4.64	
122 4-Isopropyltoluene	119	10.617	10.617	0.000	98	68877	5.00	4.15	
123 1,2,3-Trimethylbenzene	105	10.697	10.697	0.000	98	72241	5.00	4.57	
124 Benzyl chloride	126	10.777	10.777	0.000	99	5445	5.00	4.73	
125 2,3-Dihydroindene	117	10.868	10.880	-0.012	93	72163	5.00	4.92	
126 1,2-Dichlorobenzene	146	10.971	10.971	0.000	99	40442	5.00	4.80	
127 p-Diethylbenzene	119	11.005	11.005	0.000	94	43190	5.00	4.41	
128 n-Butylbenzene	92	11.017	11.017	0.000	95	32004	5.00	3.97	
129 1,2-Dibromo-3-Chloropropane	157	11.611	11.611	0.000	91	4311	5.00	4.57	
130 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	98	70557	5.00	4.65	
131 1,3,5-Trichlorobenzene	180	11.760	11.760	0.000	96	34902	5.00	4.65	
132 1,2,4-Trichlorobenzene	180	12.148	12.160	-0.012	94	29315	5.00	4.40	
133 Hexachlorobutadiene	225	12.274	12.274	0.000	93	10700	5.00	4.30	
134 Naphthalene	128	12.285	12.285	0.000	100	67012	5.00	4.75	
135 1,2,3-Trichlorobenzene	180	12.434	12.434	0.000	95	33134	5.00	4.76	
S 137 1,2-Dichloroethene, Total	100				0		10.0	9.01	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		10.0	8.89	
S 139 Total BTEX	1				0		25.0	22.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00627	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00200	Amount Added:	10.00	Units: uL	
ACROLEIN W_00180	Amount Added:	4.00	Units: uL	
524FREONS_00030	Amount Added:	10.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

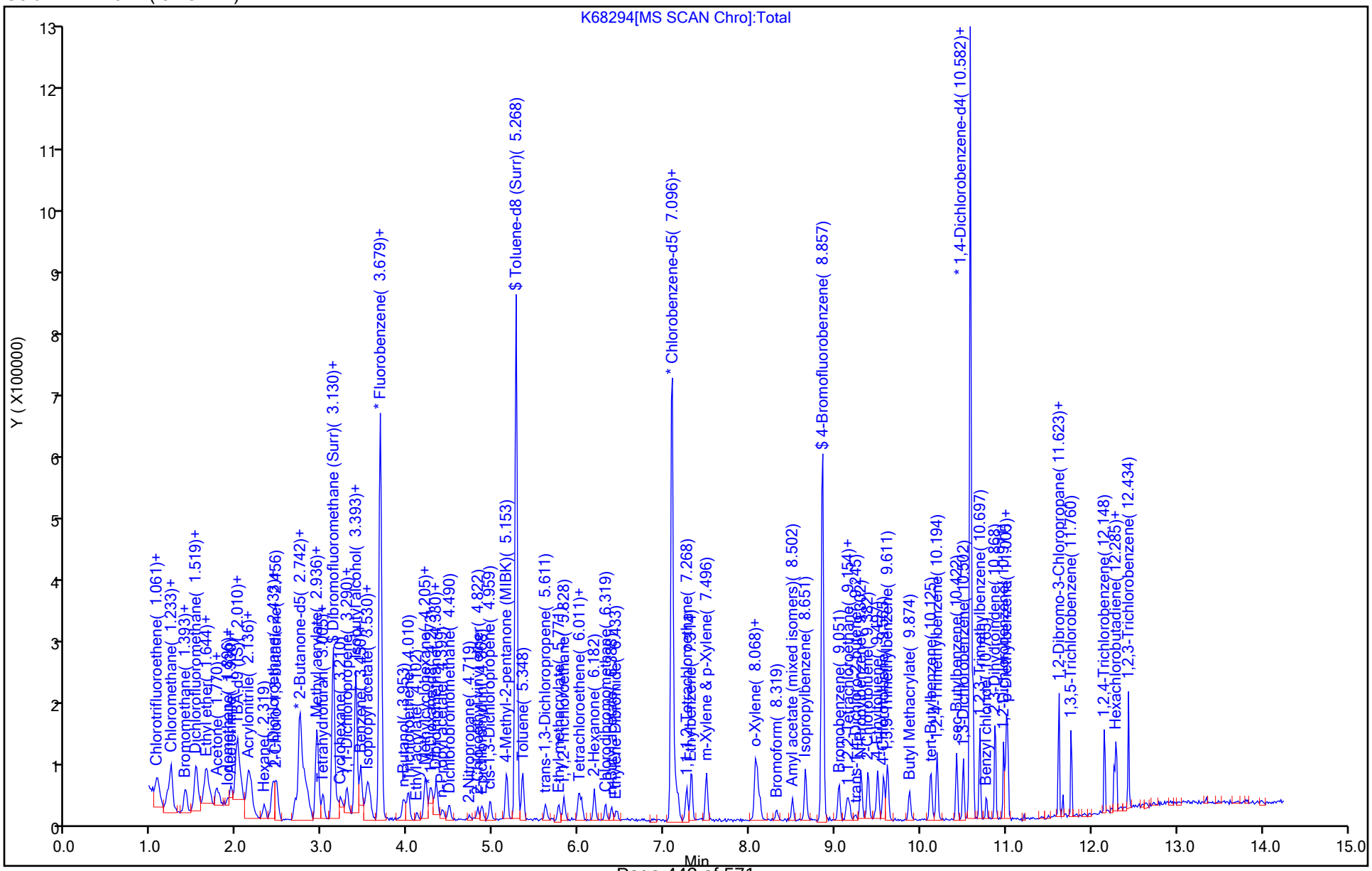
Report Date: 23-Feb-2025 12:53:08 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68294.D

Injection Date:	20-Feb-2025 13:41:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

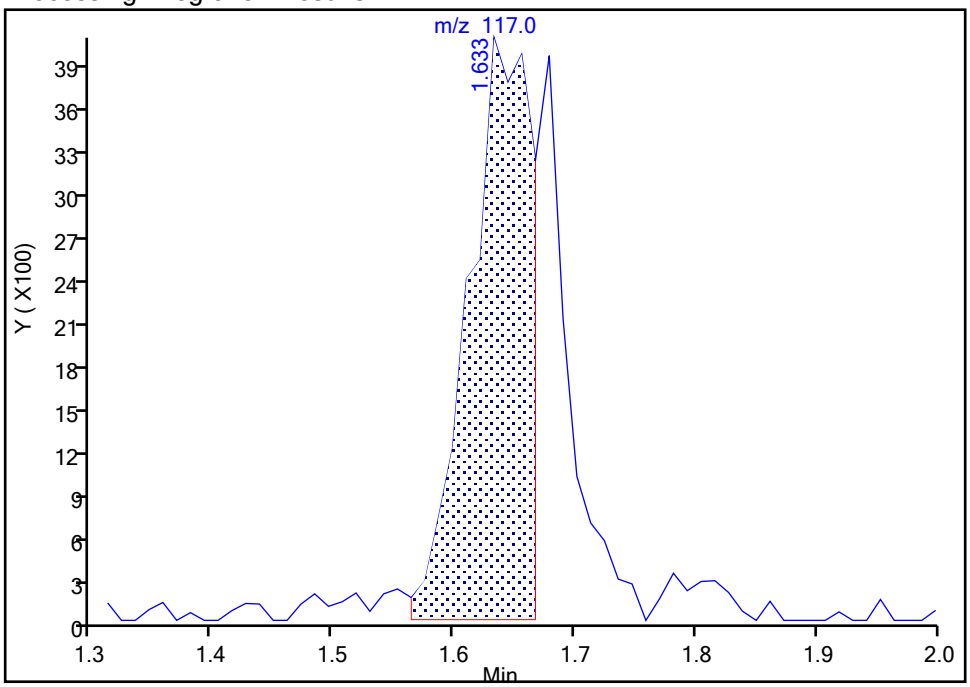
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68294.D
Injection Date: 20-Feb-2025 13:41:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

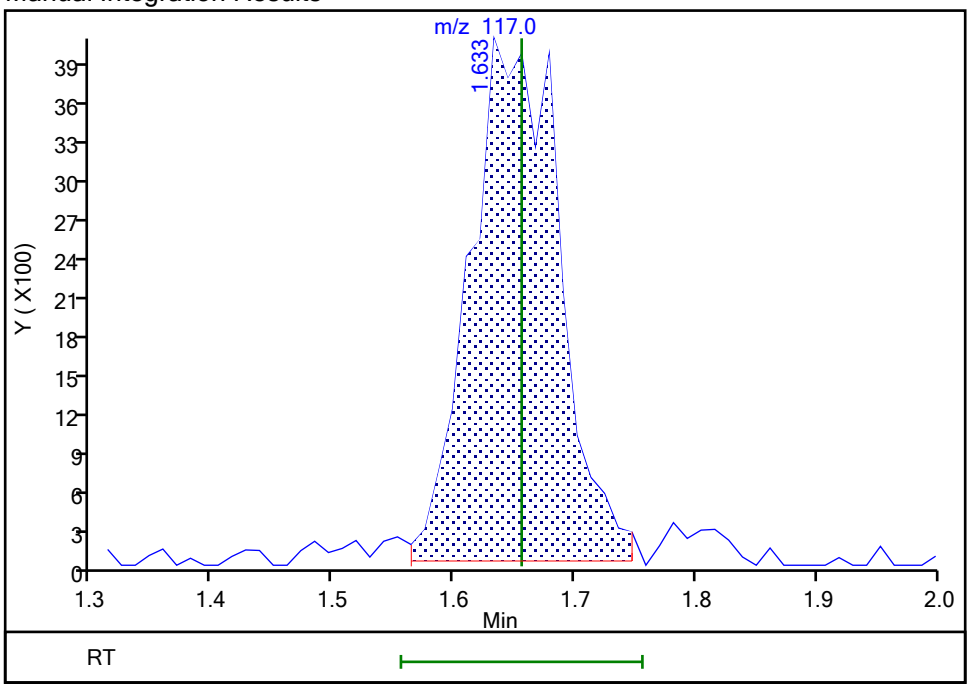
Processing Integration Results

RT: 1.63
Area: 15254
Amount: 3.563383
Amount Units: ug/l



Manual Integration Results

RT: 1.63
Area: 20981
Amount: 4.691990
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:08:07 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

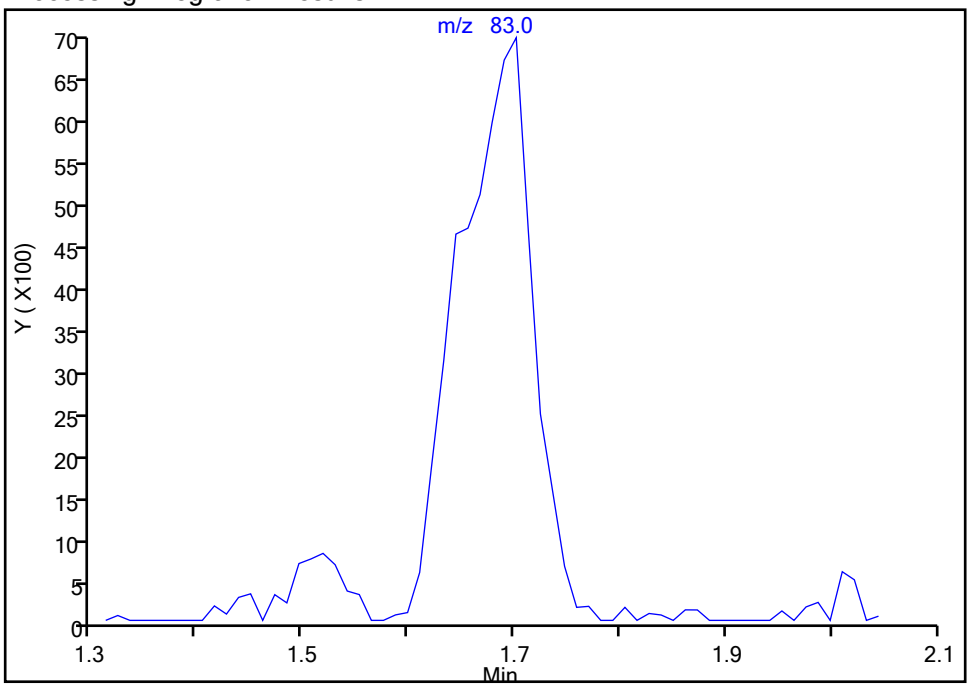
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68294.D
Injection Date: 20-Feb-2025 13:41:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

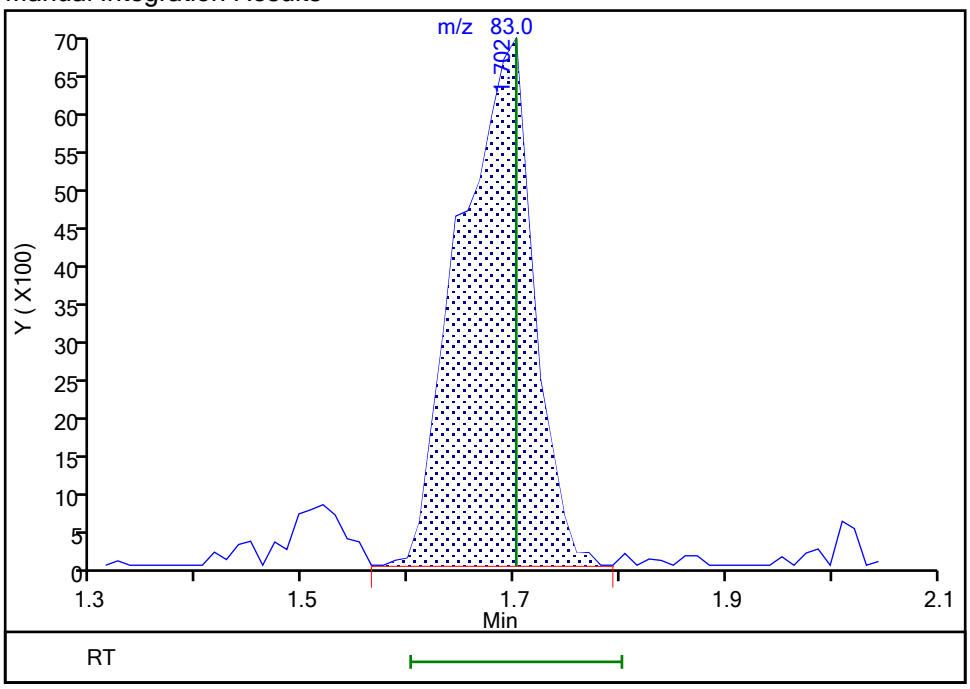
Not Detected
Expected RT: 1.70

Processing Integration Results



Manual Integration Results

RT: 1.70
Area: 33689
Amount: 4.909635
Amount Units: ug/l



Reviewer: RD6L, 20-Feb-2025 15:29:58 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

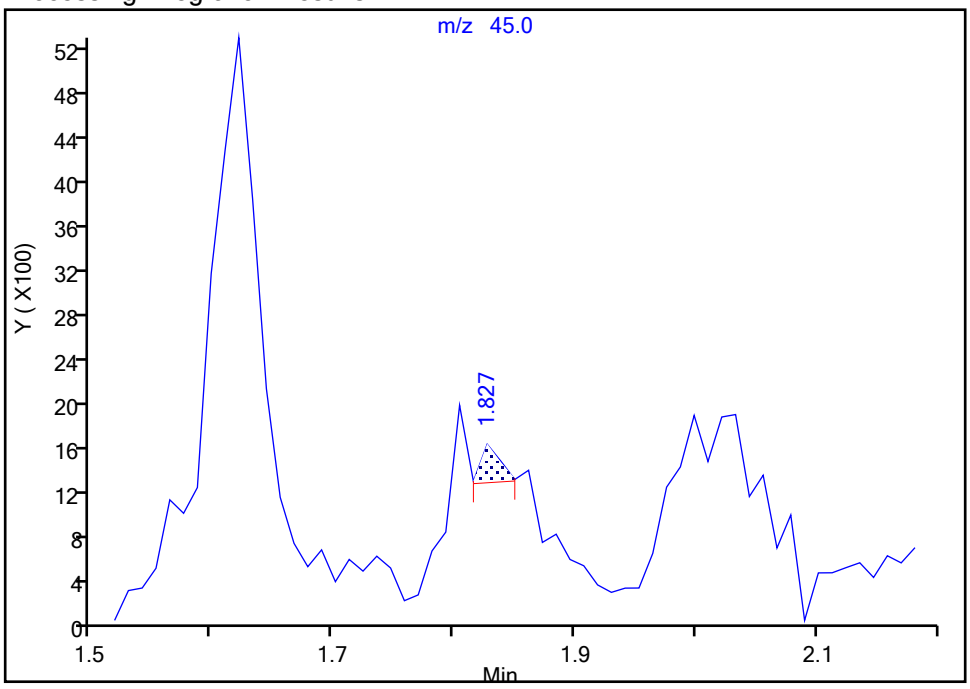
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68294.D
Injection Date: 20-Feb-2025 13:41:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

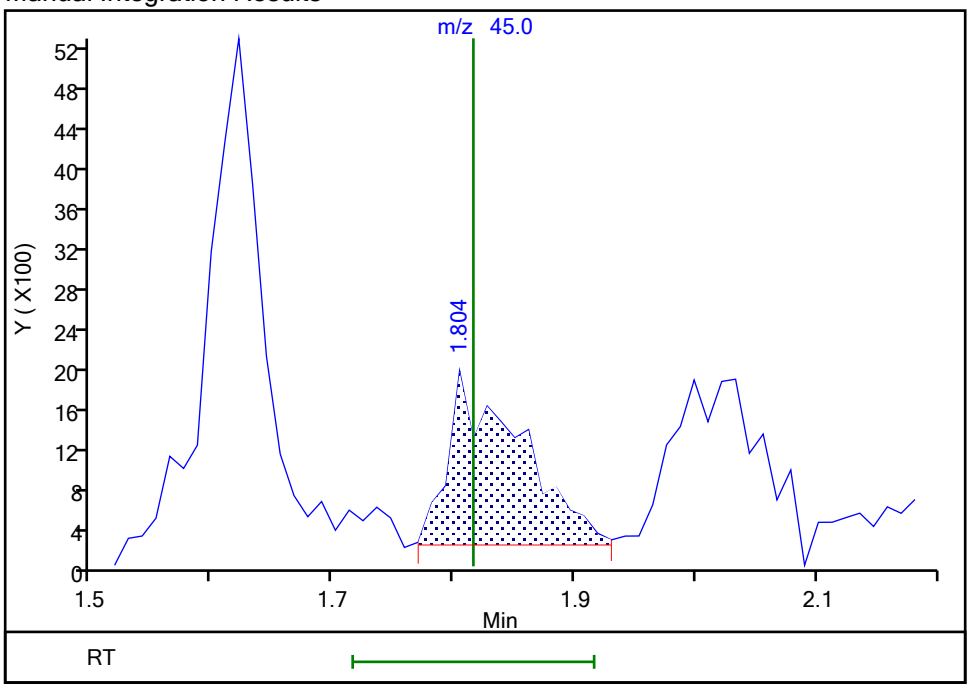
Processing Integration Results

RT: 1.83
Area: 393
Amount: -4.132728
Amount Units: ug/l



Manual Integration Results

RT: 1.80
Area: 7121
Amount: 55.744088
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:25:17 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

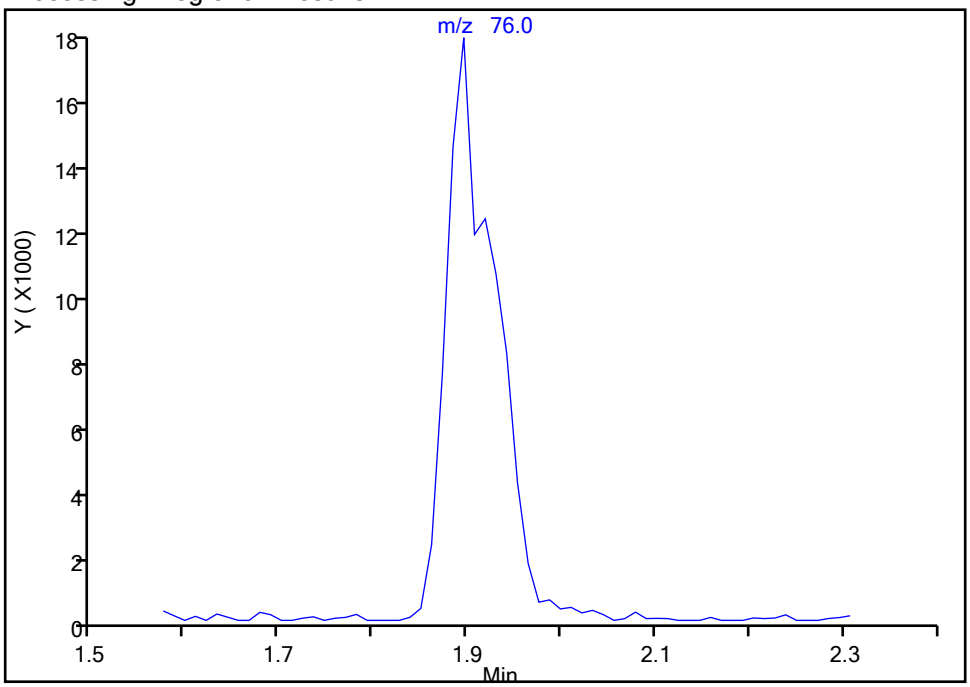
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68294.D
Injection Date: 20-Feb-2025 13:41:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

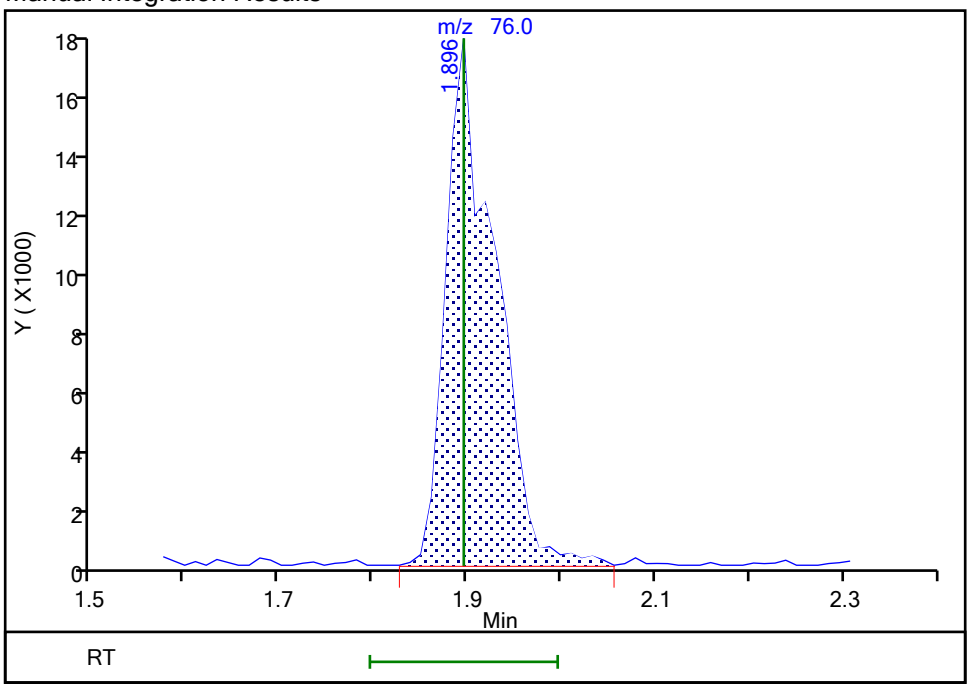
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.90
Area: 63284
Amount: 4.170970
Amount Units: ug/l



Reviewer: RD6L, 20-Feb-2025 15:29:53 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

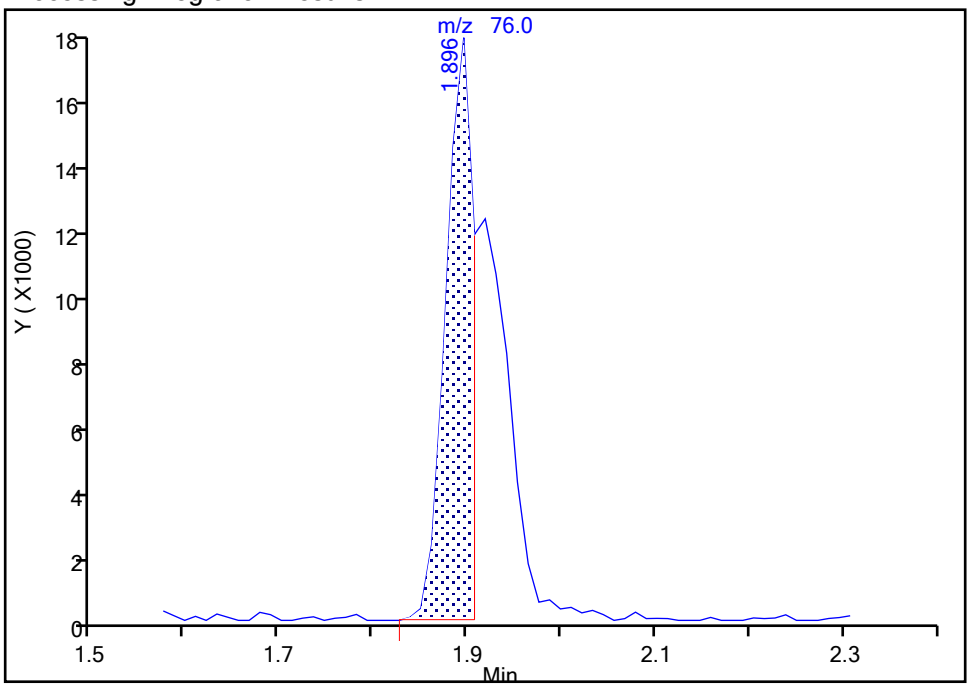
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68294.D
Injection Date: 20-Feb-2025 13:41:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

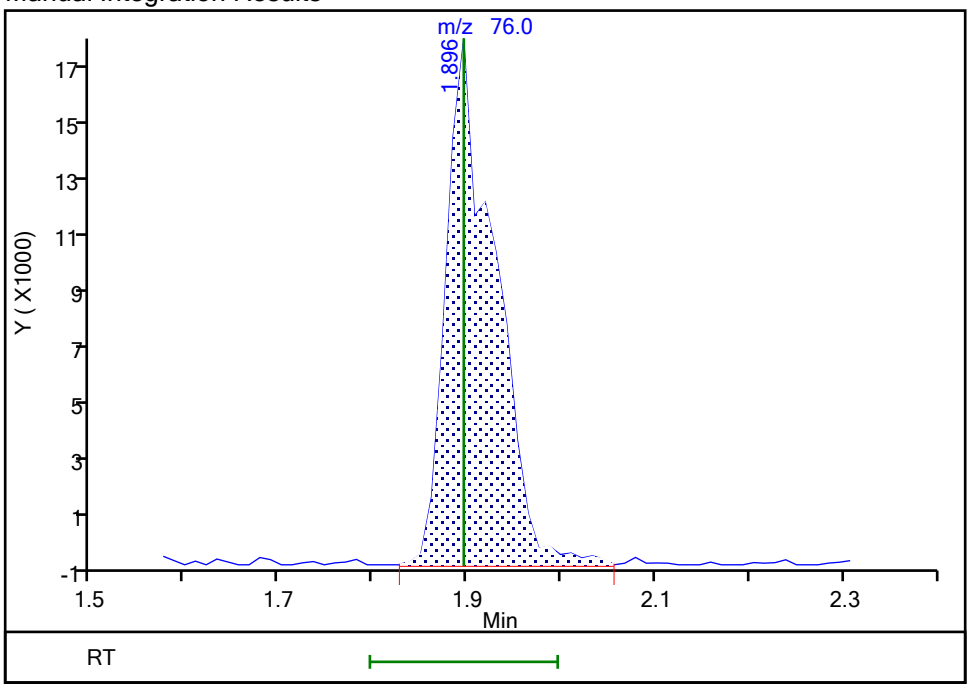
Processing Integration Results

RT: 1.90
Area: 36599
Amount: 3.032438
Amount Units: ug/l



Manual Integration Results

RT: 1.90
Area: 63500
Amount: 4.193153
Amount Units: ug/l



Reviewer: RD6L, 20-Feb-2025 15:30:33 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

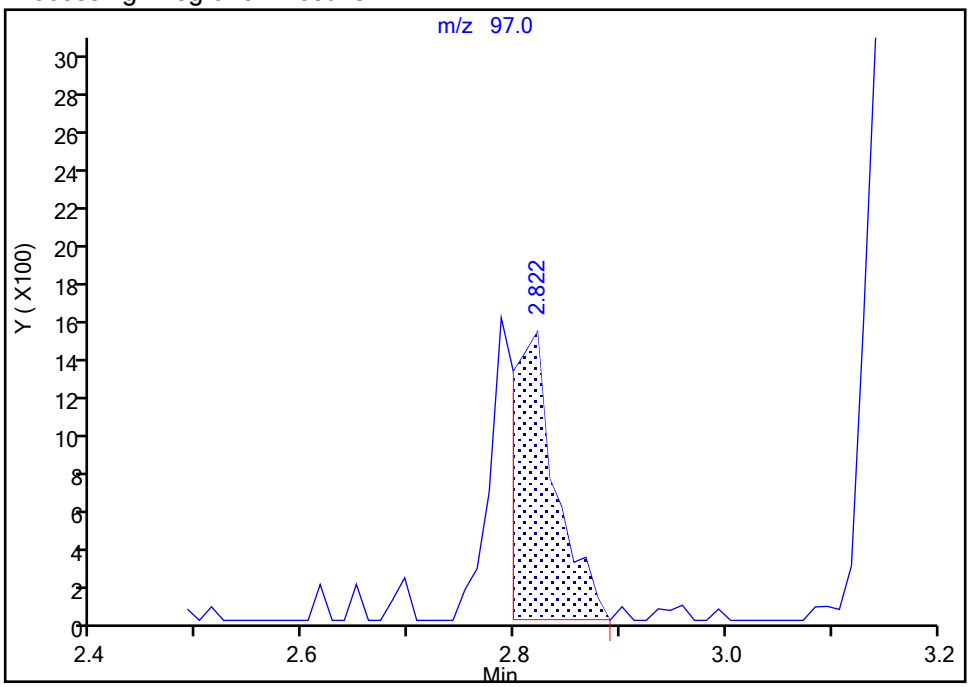
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68294.D
Injection Date: 20-Feb-2025 13:41:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

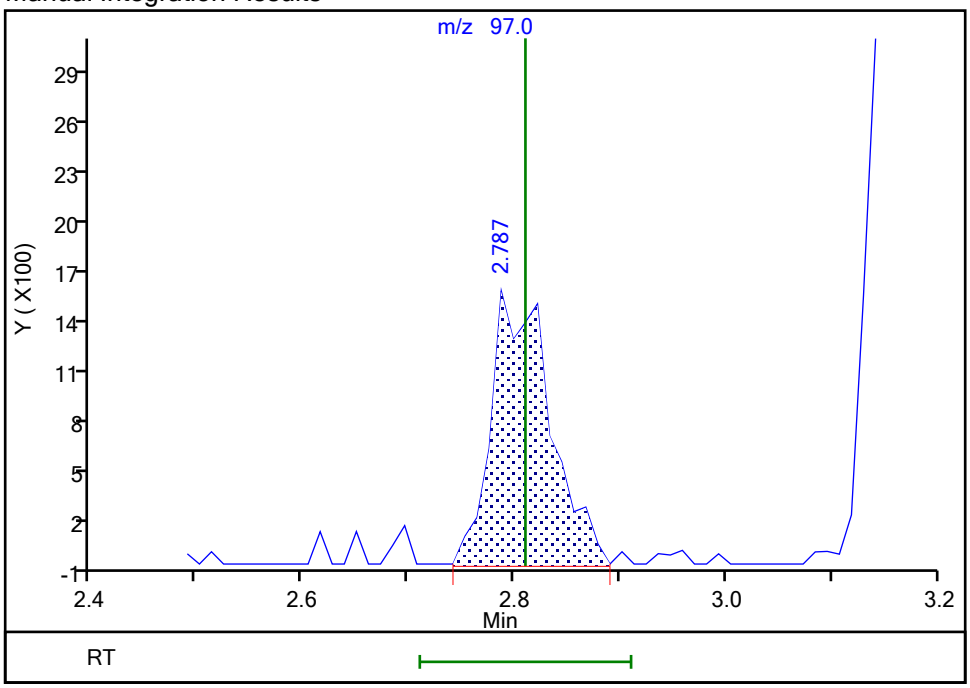
Processing Integration Results

RT: 2.82
Area: 4301
Amount: 3.102411
Amount Units: ug/l



Manual Integration Results

RT: 2.79
Area: 6204
Amount: 4.348750
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:08:25 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

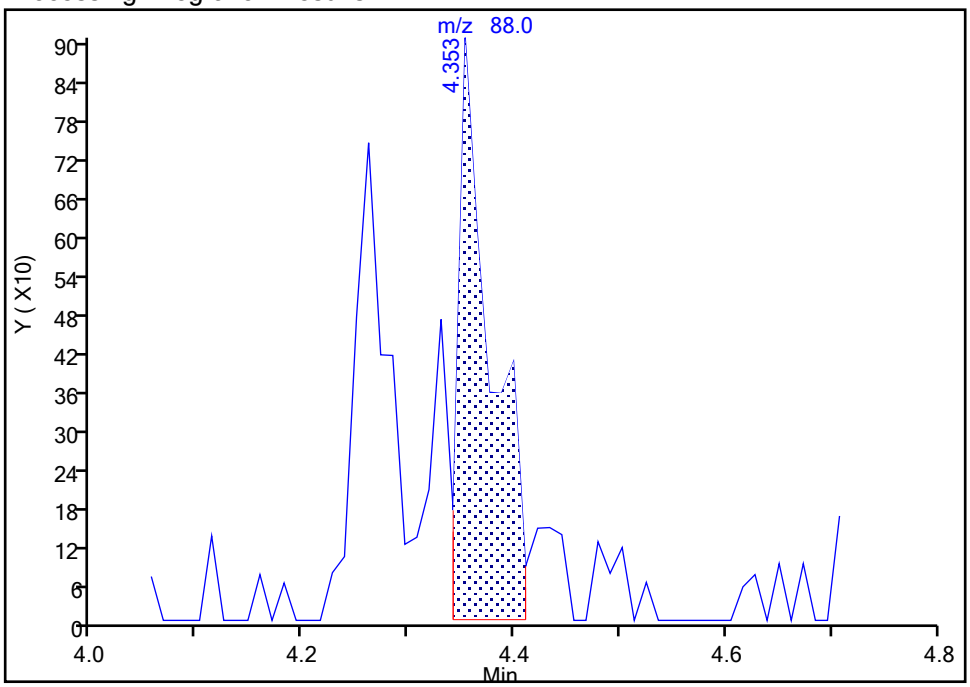
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68294.D
Injection Date: 20-Feb-2025 13:41:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

74 1,4-Dioxane, CAS: 123-91-1

Signal: 1

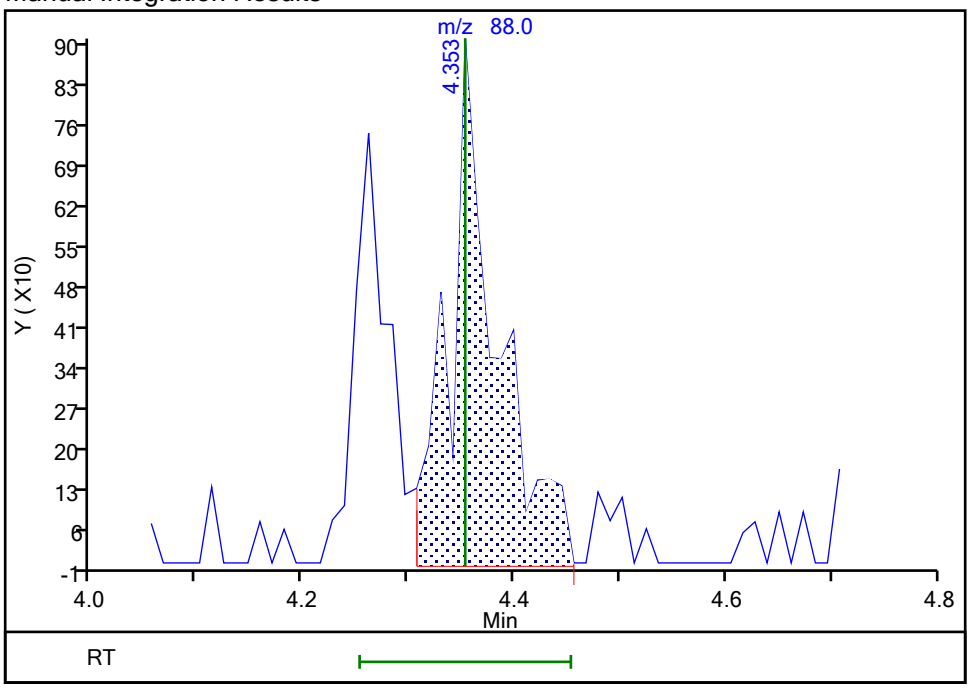
Processing Integration Results

RT: 4.35
Area: 1966
Amount: 97.093880
Amount Units: ug/l



Manual Integration Results

RT: 4.35
Area: 2840
Amount: 113.1822
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:11:02 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

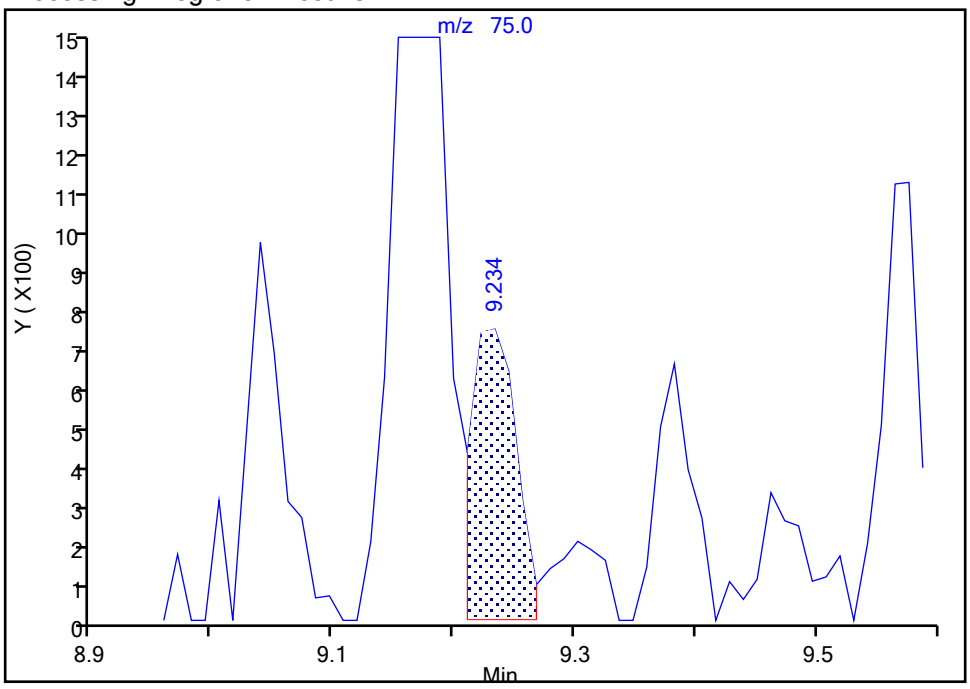
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68294.D
Injection Date: 20-Feb-2025 13:41:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

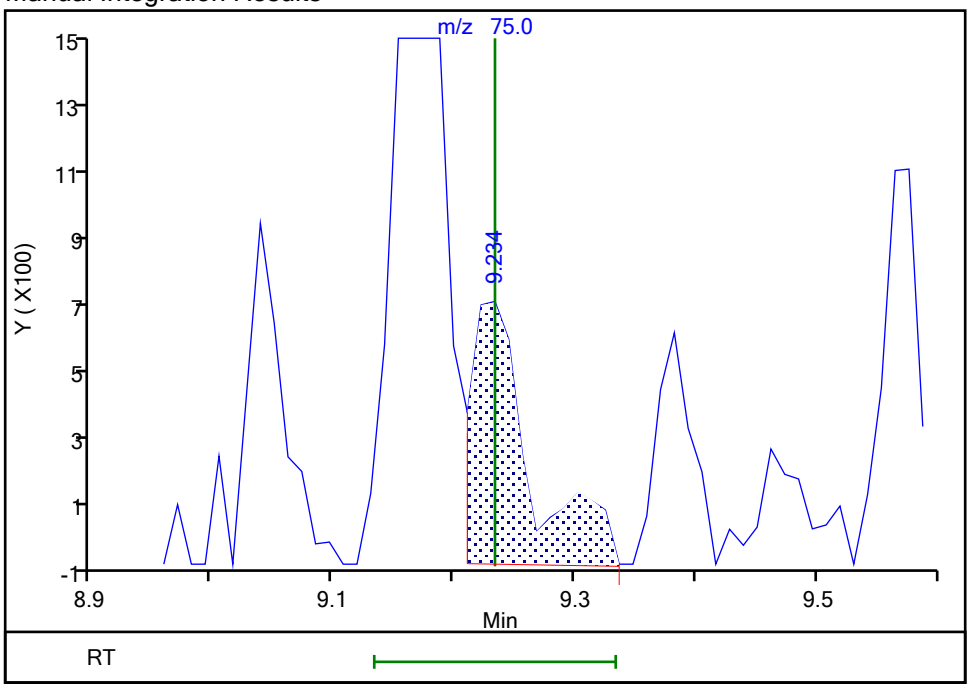
Processing Integration Results

RT: 9.23
Area: 1998
Amount: 2.603830
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 2571
Amount: 3.347923
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 17:16:52 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68295.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 20-Feb-2025 14:05:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0187106-007
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 12:53:25 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: RD6L Date: 20-Feb-2025 15:29:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.062	1.062	0.000	51	42806	20.0	19.9	
5 Chlorodifluoromethane	67	1.084	1.084	0.000	94	24441	20.0	18.2	
3 Dichlorodifluoromethane	85	1.084	1.084	0.000	63	262985	20.0	21.8	
6 Chloromethane	50	1.199	1.199	0.000	98	280783	20.0	20.5	
8 Butadiene	54	1.233	1.233	0.000	93	196481	20.0	20.9	
7 Vinyl chloride	62	1.244	1.244	0.000	76	169886	20.0	20.4	
9 Bromomethane	94	1.404	1.404	0.000	99	122335	20.0	20.3	
10 Chloroethane	64	1.416	1.416	0.000	98	92228	20.0	20.3	
11 Dichlorofluoromethane	67	1.519	1.519	0.000	99	225142	20.0	19.6	
13 Pentane	57	1.530	1.530	0.000	98	41632	40.0	37.8	
12 Trichlorofluoromethane	101	1.564	1.564	0.000	95	171807	20.0	20.3	
15 Ethyl ether	59	1.622	1.622	0.000	95	62407	20.0	19.5	
14 Ethanol	46	1.622	1.622	0.000	64	11860	800.0	815.7	
17 2-Methyl-1,3-butadiene	53	1.656	1.656	0.000	94	75394	20.0	20.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.656	1.656	0.000	82	94898	20.0	19.5	
19 Acrolein	56	1.690	1.690	0.000	29	9024	40.0	49.5	a
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.702	1.702	0.000	91	144872	20.0	19.4	
20 1,1-Dichloroethene	96	1.759	1.759	0.000	97	89058	20.0	19.8	
22 Acetone	58	1.759	1.759	0.000	67	34944	100.0	99.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.804	1.804	0.000	98	110646	20.0	20.8	
24 Isopropyl alcohol	45	1.816	1.816	0.000	33	29852	200.0	200.0	
23 Iodomethane	142	1.850	1.850	0.000	98	173303	20.0	19.2	
27 3-Chloro-1-propene	76	1.896	1.896	0.000	88	297940	20.0	18.1	a
25 Carbon disulfide	76	1.896	1.896	0.000	99	295840	20.0	18.0	
26 Acetonitrile	40	1.930	1.930	0.000	81	58904	200.0	289.8	M
28 Methyl acetate	43	1.942	1.942	0.000	67	89597	40.0	50.0	
29 Cyclopentene	67	1.999	1.999	0.000	87	162713	20.0	15.5	
30 Methylene Chloride	84	2.010	2.010	0.000	90	92769	20.0	18.9	
* 31 TBA-d9 (IS)	65	2.033	2.033	0.000	93	318344	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.044	2.044	0.000	34	62326	200.0	216.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.136	2.136	0.000	95	250189	200.0	193.0	
34 trans-1,2-Dichloroethene	96	2.159	2.159	0.000	90	83134	20.0	20.2	
35 Methyl tert-butyl ether	73	2.170	2.170	0.000	90	236676	20.0	19.5	
36 Hexane	57	2.330	2.330	0.000	93	87312	20.0	19.6	
37 1,1-Dichloroethane	63	2.410	2.410	0.000	99	133859	20.0	20.1	
38 Vinyl acetate	86	2.422	2.422	0.000	100	23318	40.0	36.8	
39 Isopropyl ether	45	2.456	2.456	0.000	85	232816	20.0	19.2	
40 2-Chloro-1,3-butadiene	88	2.467	2.467	0.000	92	70574	20.0	20.3	
41 Tert-butyl ethyl ether	59	2.696	2.696	0.000	88	263327	20.0	21.8	
* 43 2-Butanone-d5	46	2.742	2.742	0.000	99	315303	250.0	250.0	
46 2-Butanone (MEK)	72	2.776	2.776	0.000	95	34471	100.0	100.7	
45 cis-1,2-Dichloroethene	96	2.787	2.787	0.000	98	85607	20.0	20.1	
44 2,2-Dichloropropane	97	2.810	2.810	0.000	87	30176	20.0	19.4	
47 Ethyl acetate	43	2.822	2.822	0.000	99	224161	40.0	37.6	
42 Propionitrile	54	2.822	2.822	0.000	94	83555	200.0	204.7	
48 Methyl acrylate	55	2.856	2.856	0.000	98	64817	20.0	19.4	
50 Methacrylonitrile	67	2.936	2.936	0.000	90	260929	200.0	193.7	
49 Chlorobromomethane	128	2.959	2.959	0.000	82	42812	20.0	18.6	
51 Tetrahydrofuran	42	2.993	2.993	0.000	89	34140	40.0	37.4	
52 Chloroform	83	3.016	3.016	0.000	98	132938	20.0	20.3	
$ 53 Dibromofluoromethane (Surr)	113	3.130	3.130	0.000	97	203979	50.0	49.7	
54 1,1,1-Trichloroethane	97	3.176	3.176	0.000	97	123660	20.0	19.3	
55 Cyclohexane	84	3.233	3.233	0.000	91	122058	20.0	20.3	M
57 1,1-Dichloropropene	75	3.279	3.279	0.000	97	90994	20.0	19.2	
56 Carbon tetrachloride	117	3.302	3.302	0.000	94	108257	20.0	20.0	
61 Isobutyl alcohol	43	3.359	3.359	0.000	92	57088	500.0	572.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.393	0.000	96	198464	50.0	50.2	
59 Benzene	78	3.450	3.450	0.000	94	281871	20.0	18.4	
60 1,2-Dichloroethane	62	3.462	3.462	0.000	90	83453	20.0	17.6	
63 Isopropyl acetate	61	3.507	3.507	0.000	69	25591	20.0	18.8	
62 Isooctane	57	3.530	3.530	0.000	95	227315	20.0	20.6	
64 Tert-amyl methyl ether	73	3.542	3.542	0.000	91	213000	20.0	19.1	
* 65 Fluorobenzene	96	3.679	3.679	0.000	98	759583	50.0	50.0	
66 n-Heptane	43	3.679	3.679	0.000	42	73316	20.0	18.9	
68 n-Butanol	56	3.942	3.942	0.000	49	26126	500.0	506.9	
67 Trichloroethene	95	4.010	4.010	0.000	97	71756	20.0	18.9	
69 Ethyl acrylate	55	4.113	4.113	0.000	98	60079	20.0	17.0	
70 Methylcyclohexane	83	4.205	4.205	0.000	92	129049	20.0	20.0	
71 1,2-Dichloropropane	63	4.216	4.216	0.000	91	67365	20.0	17.8	
* 72 1,4-Dioxane-d8	96	4.285	4.285	0.000	73	30389	1000.0	1000.0	
73 Dibromomethane	93	4.330	4.330	0.000	96	45456	20.0	19.1	
75 Methyl methacrylate	100	4.342	4.342	0.000	89	33124	40.0	38.8	
74 1,4-Dioxane	88	4.353	4.353	0.000	28	11518	400.0	432.9	
76 n-Propyl acetate	43	4.410	4.410	0.000	99	72148	20.0	18.9	
77 Dichlorobromomethane	83	4.490	4.490	0.000	97	82298	20.0	18.4	
78 2-Nitropropane	41	4.719	4.719	0.000	97	21741	40.0	41.2	
79 2-Chloroethyl vinyl ether	63	4.822	4.822	0.000	95	39464	20.0	18.0	
80 Epichlorohydrin	57	4.868	4.868	0.000	99	102679	400.0	380.0	
81 cis-1,3-Dichloropropene	75	4.970	4.970	0.000	91	95139	20.0	19.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.153	5.153	0.000	96	280921	100.0	96.4	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	100	685300	50.0	50.5	
84 Toluene	91	5.348	5.348	0.000	92	285900	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.611	5.611	0.000	96	81134	20.0	18.6	
86 Ethyl methacrylate	69	5.771	5.771	0.000	89	74179	20.0	18.9	
87 1,1,2-Trichloroethane	83	5.828	5.828	0.000	95	47767	20.0	19.7	
88 Tetrachloroethene	166	5.999	5.999	0.000	97	75269	20.0	20.0	
89 1,3-Dichloropropane	76	6.033	6.033	0.000	91	94415	20.0	19.2	
90 2-Hexanone	43	6.182	6.182	0.000	96	171650	100.0	97.2	
91 Chlorodibromomethane	129	6.319	6.319	0.000	97	64485	20.0	17.5	
92 n-Butyl acetate	43	6.388	6.388	0.000	99	81265	20.0	19.0	
93 Ethylene Dibromide	107	6.445	6.445	0.000	98	60066	20.0	19.0	
* 94 Chlorobenzene-d5	117	7.096	7.096	0.000	83	550322	50.0	50.0	
95 Chlorobenzene	112	7.131	7.131	0.000	97	189111	20.0	19.7	
96 1,1,1,2-Tetrachloroethane	131	7.268	7.268	0.000	96	75216	20.0	18.8	
97 Ethylbenzene	106	7.325	7.325	0.000	98	100569	20.0	19.0	
98 m-Xylene & p-Xylene	106	7.496	7.496	0.000	96	125965	20.0	19.9	
99 o-Xylene	106	8.068	8.068	0.000	94	132658	20.0	19.8	
100 Styrene	104	8.091	8.091	0.000	95	202605	20.0	19.8	
101 n-Butyl acrylate	73	8.125	8.125	0.000	96	47944	20.0	18.8	
102 Bromoform	173	8.319	8.319	0.000	97	39540	20.0	18.5	
103 Amyl acetate (mixed isomers)	43	8.502	8.502	0.000	91	100945	20.0	18.1	
104 Isopropylbenzene	105	8.651	8.651	0.000	95	319248	20.0	19.9	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	96	233833	50.0	49.9	
106 Bromobenzene	156	9.051	9.051	0.000	94	87202	20.0	19.1	
107 1,1,2,2-Tetrachloroethane	83	9.142	9.142	0.000	97	79038	20.0	17.7	
108 1,2,3-Trichloropropane	75	9.165	9.165	0.000	97	57011	20.0	19.2	
109 trans-1,4-Dichloro-2-butene	75	9.234	9.234	0.000	87	11412	20.0	13.6	
110 N-Propylbenzene	91	9.302	9.302	0.000	99	398242	20.0	20.3	
111 2-Chlorotoluene	91	9.382	9.382	0.000	97	229527	20.0	19.7	
112 4-Ethyltoluene	105	9.497	9.497	0.000	99	331446	20.0	19.8	
113 4-Chlorotoluene	91	9.565	9.565	0.000	96	233732	20.0	19.8	
114 1,3,5-Trimethylbenzene	105	9.611	9.611	0.000	92	300015	20.0	20.2	
115 Butyl Methacrylate	87	9.874	9.874	0.000	89	89024	20.0	18.5	
116 tert-Butylbenzene	119	10.125	10.125	0.000	95	243881	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	10.194	10.194	0.000	96	308585	20.0	19.9	
118 sec-Butylbenzene	105	10.422	10.422	0.000	99	397437	20.0	20.6	
119 1,3-Dichlorobenzene	146	10.502	10.502	0.000	98	175113	20.0	19.7	
* 120 1,4-Dichlorobenzene-d4	152	10.582	10.582	0.000	93	327862	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.605	10.605	0.000	97	177540	20.0	18.8	
122 4-Isopropyltoluene	119	10.617	10.617	0.000	99	352651	20.0	19.7	
123 1,2,3-Trimethylbenzene	105	10.697	10.697	0.000	97	341277	20.0	20.0	
124 Benzyl chloride	126	10.777	10.777	0.000	100	25422	20.0	19.0	
125 2,3-Dihydroindene	117	10.880	10.880	0.000	94	334993	20.0	21.1	
126 1,2-Dichlorobenzene	146	10.971	10.971	0.000	98	178633	20.0	19.6	
127 p-Diethylbenzene	119	11.005	11.005	0.000	95	208595	20.0	19.7	
128 n-Butylbenzene	92	11.017	11.017	0.000	96	174044	20.0	20.0	
129 1,2-Dibromo-3-Chloropropane	157	11.611	11.611	0.000	90	18615	20.0	18.2	
130 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	97	339041	20.0	20.7	
131 1,3,5-Trichlorobenzene	180	11.760	11.760	0.000	98	155448	20.0	19.2	
132 1,2,4-Trichlorobenzene	180	12.160	12.160	0.000	94	148190	20.0	20.6	
133 Hexachlorobutadiene	225	12.274	12.274	0.000	97	51469	20.0	19.1	
134 Naphthalene	128	12.285	12.285	0.000	99	317374	20.0	20.8	
135 1,2,3-Trichlorobenzene	180	12.434	12.434	0.000	95	144354	20.0	19.2	
S 137 1,2-Dichloroethene, Total	100				0		40.0	40.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	39.7	
S 139 Total BTEX	1				0		100.0	96.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00627	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00200	Amount Added:	20.00	Units: uL	
ACROLEIN W_00180	Amount Added:	4.00	Units: uL	
524FREONS_00030	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

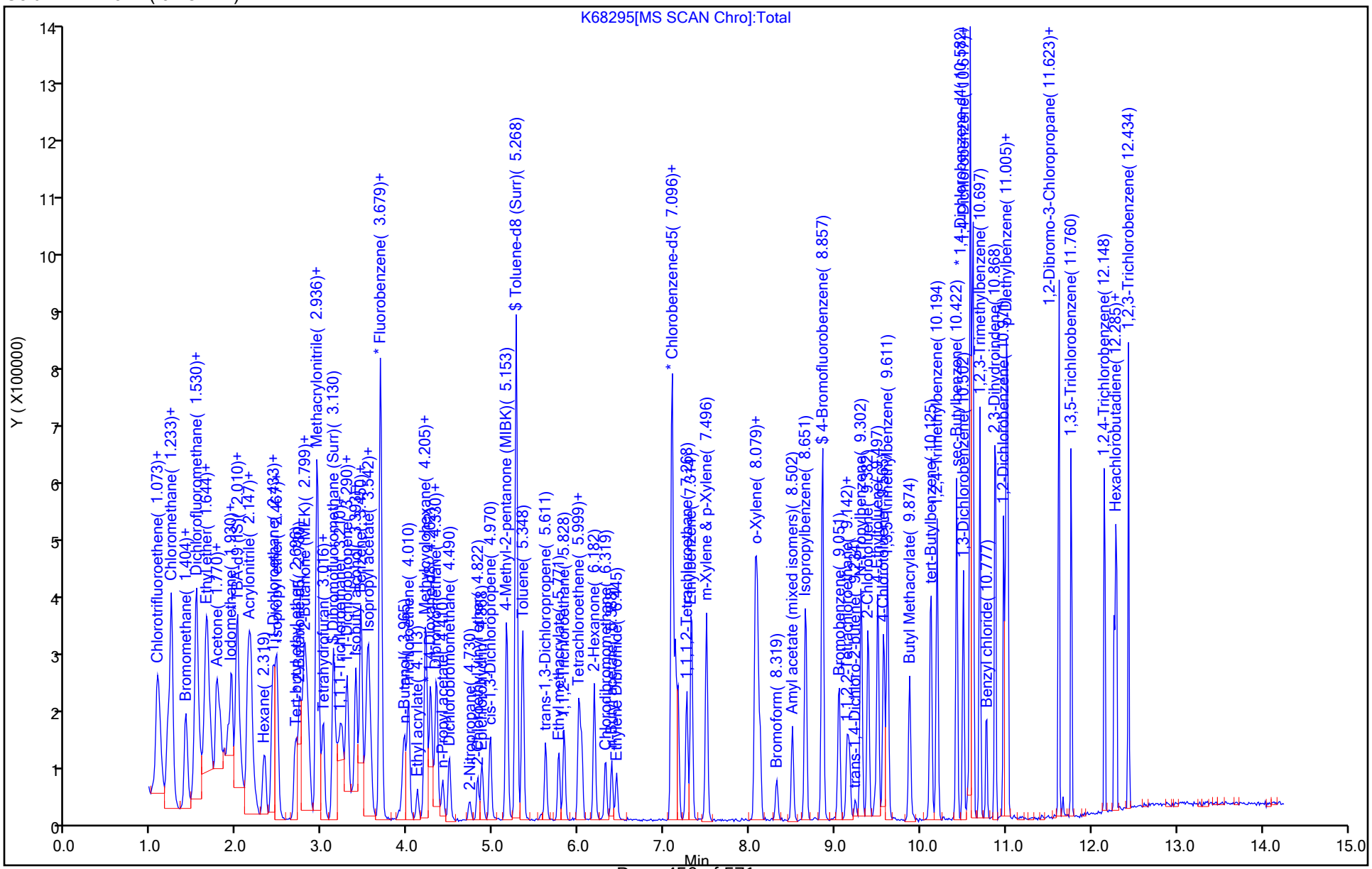
Report Date: 23-Feb-2025 12:53:26 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68295.D

Injection Date:	20-Feb-2025 14:05:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

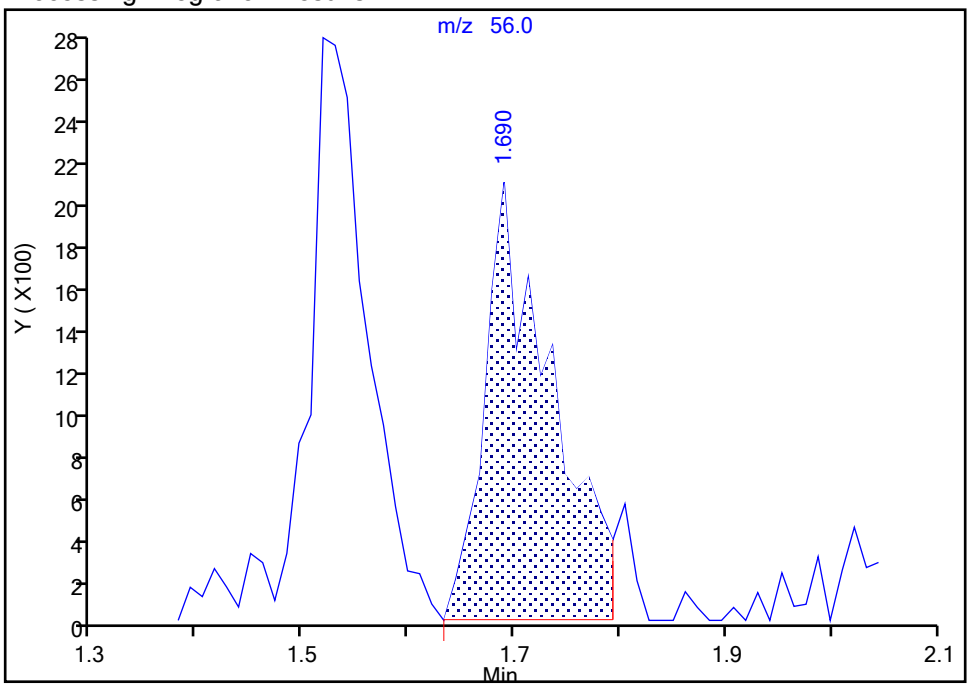
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68295.D
Injection Date: 20-Feb-2025 14:05:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

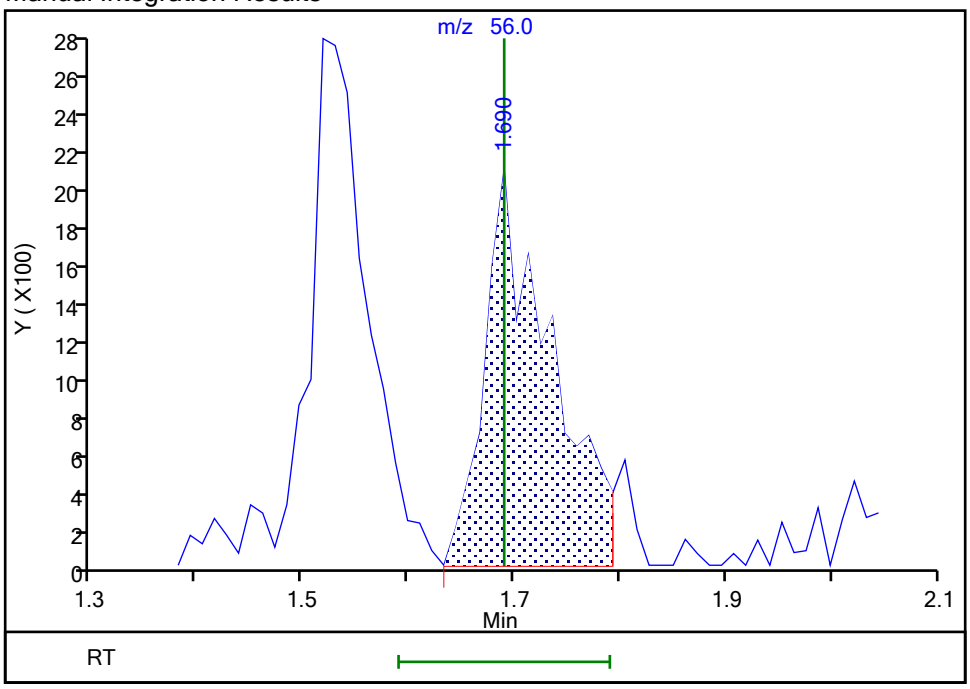
Processing Integration Results

RT: 1.69
Area: 9024
Amount: 64.776620
Amount Units: ug/l



Manual Integration Results

RT: 1.69
Area: 9024
Amount: 49.500211
Amount Units: ug/l



Reviewer: RD6L, 20-Feb-2025 15:29:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

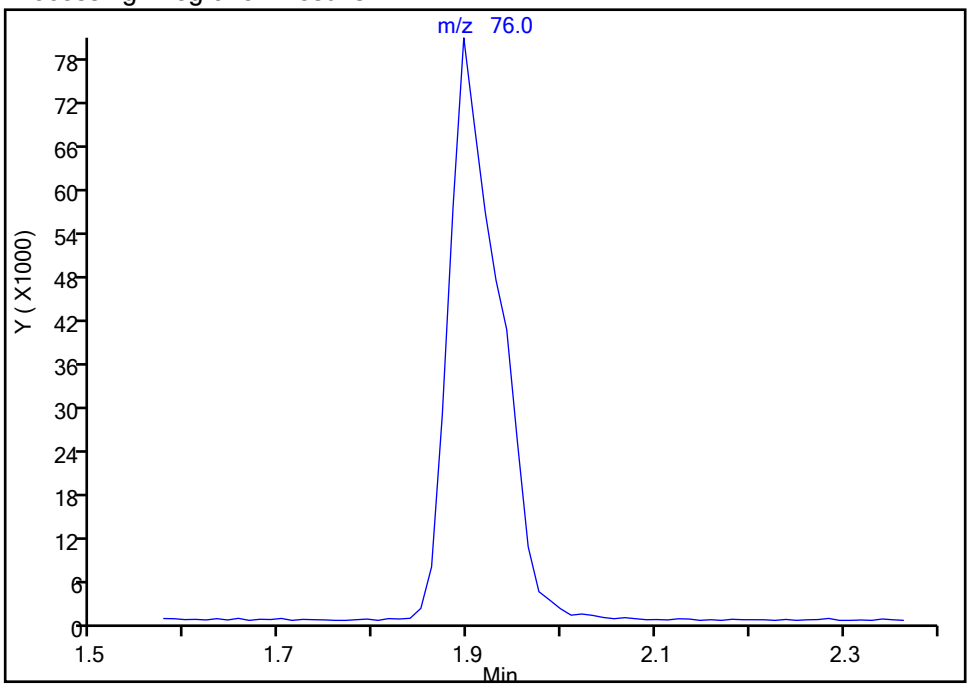
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68295.D
Injection Date: 20-Feb-2025 14:05:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

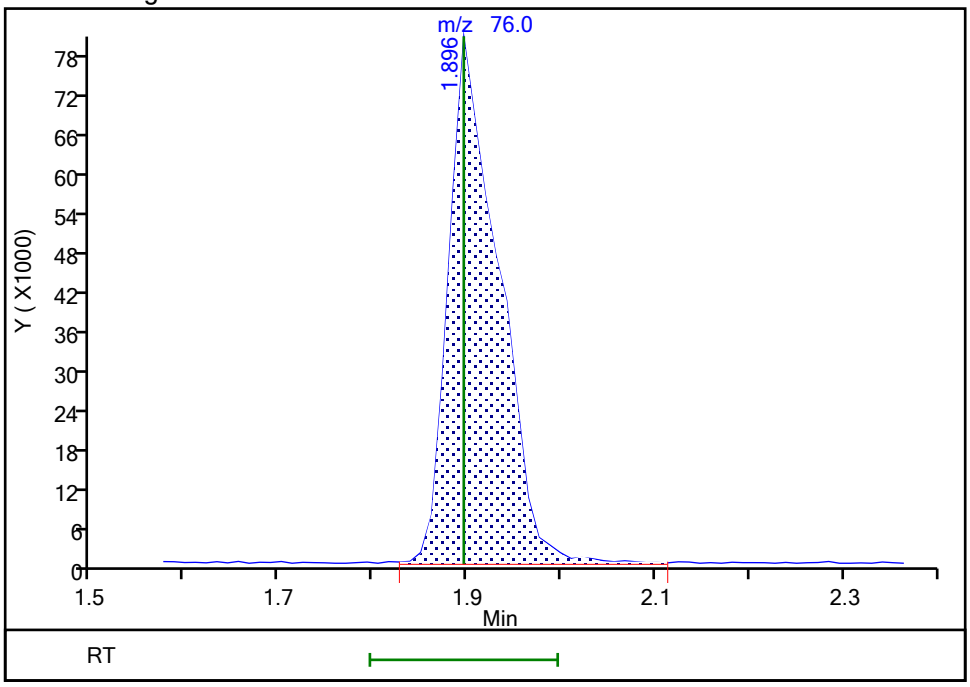
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.90
Area: 297940
Amount: 18.052636
Amount Units: ug/l



Reviewer: RD6L, 20-Feb-2025 15:28:47 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

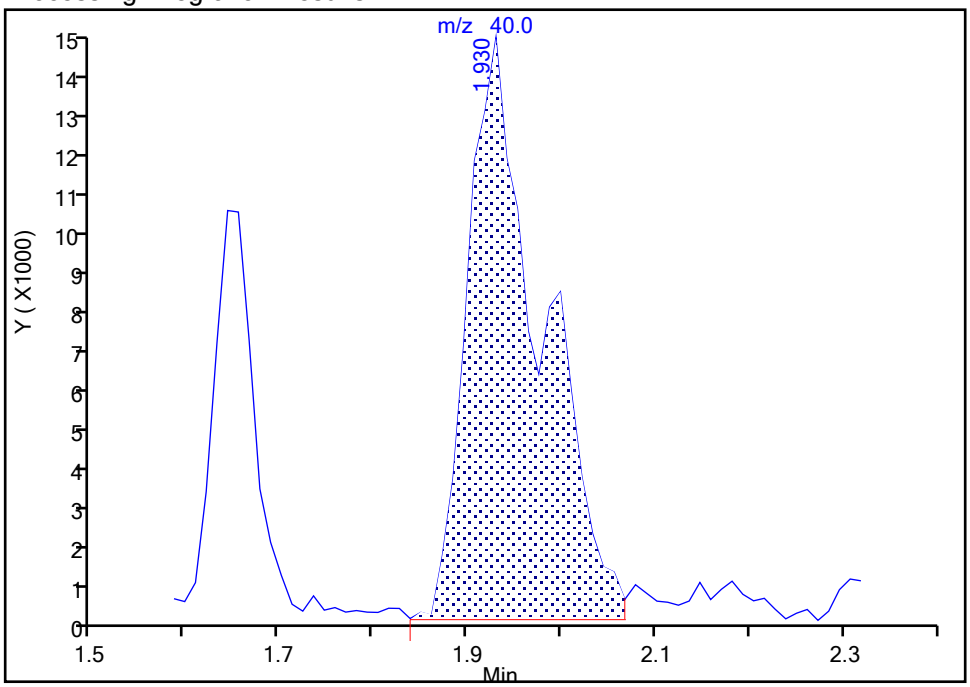
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68295.D
Injection Date: 20-Feb-2025 14:05:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Signal: 1

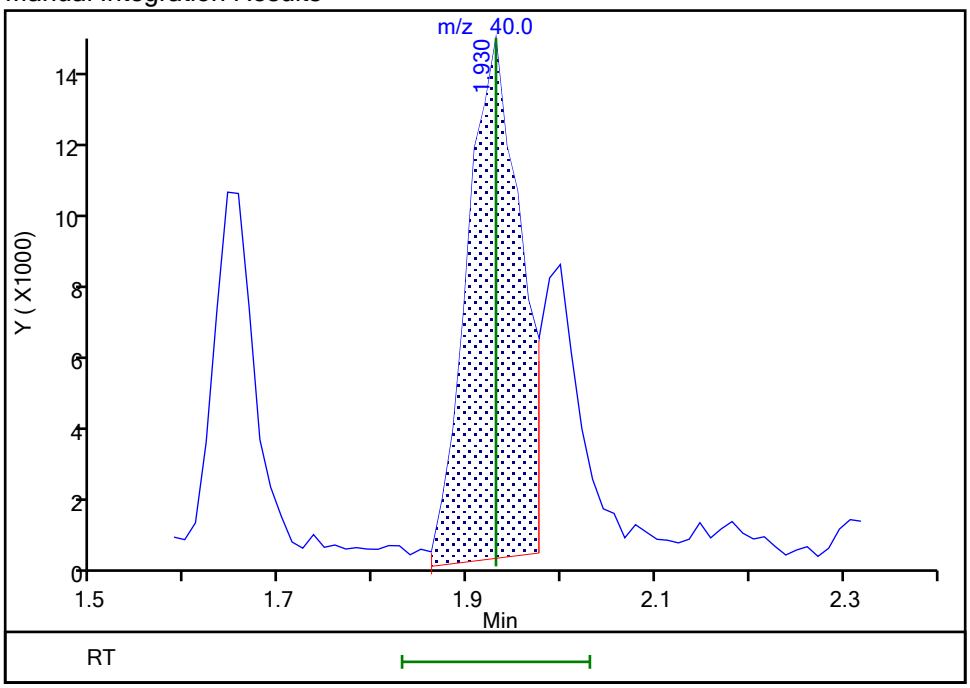
Processing Integration Results

RT: 1.93
Area: 78532
Amount: 291.7288
Amount Units: ug/l



Manual Integration Results

RT: 1.93
Area: 58904
Amount: 289.8180
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 17:06:56 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

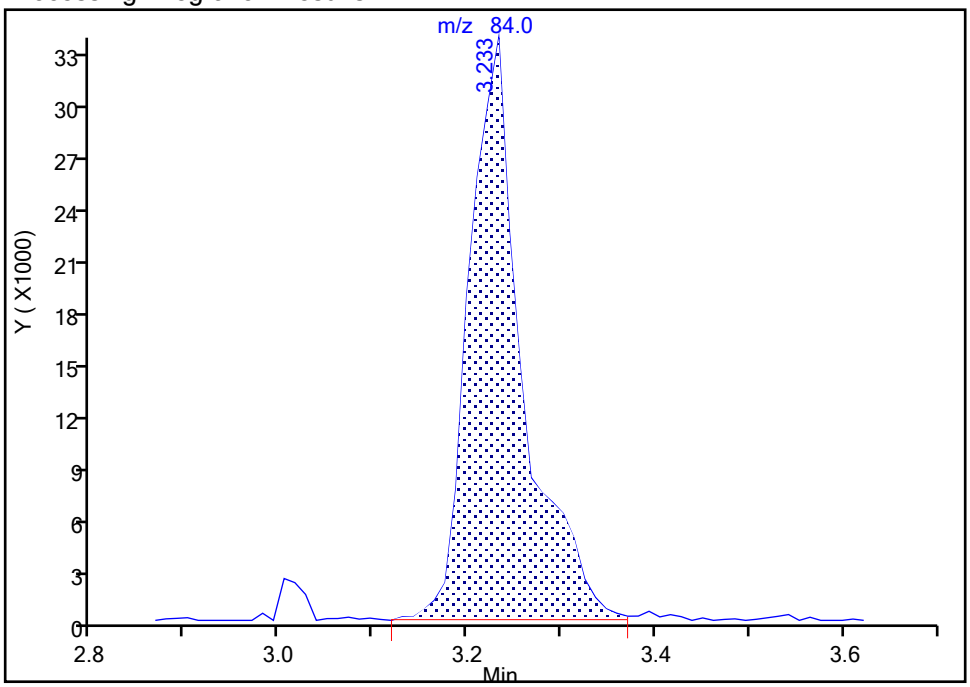
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68295.D
Injection Date: 20-Feb-2025 14:05:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

55 Cyclohexane, CAS: 110-82-7

Signal: 1

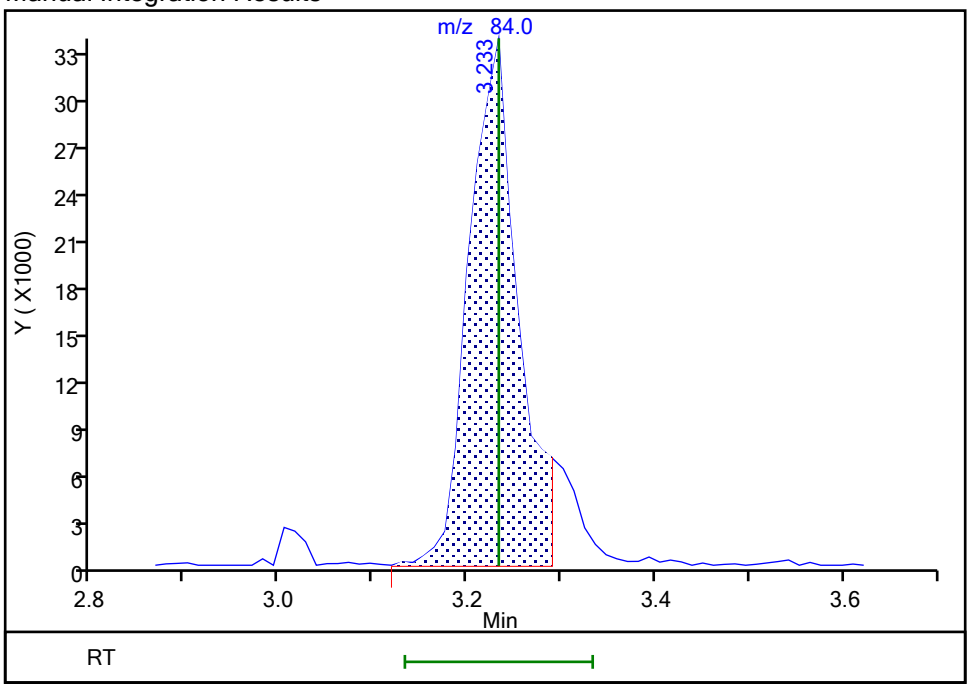
Processing Integration Results

RT: 3.23
Area: 132946
Amount: 21.111918
Amount Units: ug/l



Manual Integration Results

RT: 3.23
Area: 122058
Amount: 20.261715
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:14:41 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68296.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 20-Feb-2025 14:29:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0187106-008
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 12:53:43 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: RD6L Date: 20-Feb-2025 15:28:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.062	1.062	0.000	59	99235	50.0	44.1	
5 Chlorodifluoromethane	67	1.096	1.084	0.012	95	62911	50.0	44.2	
3 Dichlorodifluoromethane	85	1.096	1.084	0.012	98	629465	50.0	49.4	
6 Chloromethane	50	1.199	1.199	0.000	99	685197	50.0	47.3	
8 Butadiene	54	1.233	1.233	0.000	92	490281	50.0	49.5	
7 Vinyl chloride	62	1.245	1.244	0.001	97	425374	50.0	48.3	
9 Bromomethane	94	1.405	1.404	0.001	99	301528	50.0	47.3	
10 Chloroethane	64	1.416	1.416	0.000	98	238170	50.0	49.6	
11 Dichlorofluoromethane	67	1.519	1.519	0.000	99	577539	50.0	47.6	
13 Pentane	57	1.542	1.530	0.012	97	105429	100.0	90.6	
12 Trichlorofluoromethane	101	1.565	1.564	0.001	95	457576	50.0	51.1	
15 Ethyl ether	59	1.622	1.622	0.000	94	167749	50.0	50.5	
14 Ethanol	46	1.633	1.622	0.011	64	31659	2000.0	2040.1	
17 2-Methyl-1,3-butadiene	53	1.656	1.656	0.000	95	198562	50.0	49.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.667	1.656	0.011	81	247256	50.0	48.1	
19 Acrolein	56	1.702	1.690	0.012	31	19750	100.0	101.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.702	1.702	0.000	91	374784	50.0	47.5	
20 1,1-Dichloroethene	96	1.759	1.759	0.000	97	225168	50.0	47.4	
22 Acetone	58	1.770	1.759	0.011	86	82435	250.0	224.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.805	1.804	0.001	98	280820	50.0	49.9	
24 Isopropyl alcohol	45	1.827	1.816	0.011	24	75561	500.0	474.3	
23 Iodomethane	142	1.850	1.850	0.000	97	444764	50.0	46.6	
27 3-Chloro-1-propene	76	1.896	1.896	0.000	87	769622	50.0	44.2	a
25 Carbon disulfide	76	1.896	1.896	0.000	98	766395	50.0	44.1	
26 Acetonitrile	40	1.942	1.930	0.012	80	145385	500.0	695.1	M
28 Methyl acetate	43	1.942	1.942	0.000	67	231902	100.0	125.9	
29 Cyclopentene	67	1.999	1.999	0.000	90	424484	50.0	37.8	
30 Methylene Chloride	84	2.010	2.010	0.000	92	237641	50.0	45.9	
* 31 TBA-d9 (IS)	65	2.010	2.033	-0.023	47	339782	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.056	2.044	0.012	91	151712	500.0	494.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.136	2.136	0.000	94	665548	500.0	486.2	
34 trans-1,2-Dichloroethene	96	2.170	2.159	0.011	91	216364	50.0	49.8	
35 Methyl tert-butyl ether	73	2.182	2.170	0.012	97	625983	50.0	48.9	
36 Hexane	57	2.319	2.330	-0.011	93	221477	50.0	47.2	
37 1,1-Dichloroethane	63	2.410	2.410	0.000	99	348035	50.0	49.5	
38 Vinyl acetate	86	2.433	2.422	0.011	100	64736	100.0	97.7	
39 Isopropyl ether	45	2.456	2.456	0.000	86	620464	50.0	48.5	
40 2-Chloro-1,3-butadiene	88	2.468	2.467	0.001	89	186564	50.0	50.8	
41 Tert-butyl ethyl ether	59	2.696	2.696	0.000	89	641005	50.0	50.0	
* 43 2-Butanone-d5	46	2.742	2.742	0.000	100	330060	250.0	250.0	
46 2-Butanone (MEK)	72	2.788	2.776	0.012	95	88164	250.0	245.9	
45 cis-1,2-Dichloroethene	96	2.788	2.787	0.001	99	225804	50.0	50.1	
44 2,2-Dichloropropane	97	2.810	2.810	0.000	86	77522	50.0	47.3	
47 Ethyl acetate	43	2.822	2.822	0.000	99	608182	100.0	97.5	
42 Propionitrile	54	2.822	2.822	0.000	94	224896	500.0	516.3	
48 Methyl acrylate	55	2.856	2.856	0.000	99	169204	50.0	47.9	
50 Methacrylonitrile	67	2.936	2.936	0.000	91	697074	500.0	489.8	
49 Chlorobromomethane	128	2.959	2.959	0.000	80	111380	50.0	45.8	
51 Tetrahydrofuran	42	3.005	2.993	0.012	81	94119	100.0	98.4	
52 Chloroform	83	3.016	3.016	0.000	99	342584	50.0	49.5	
$ 53 Dibromofluoromethane (Surr)	113	3.130	3.130	0.000	95	210944	50.0	48.7	
54 1,1,1-Trichloroethane	97	3.176	3.176	0.000	97	333164	50.0	49.2	
55 Cyclohexane	84	3.233	3.233	0.000	91	315694	50.0	49.6	
57 1,1-Dichloropropene	75	3.290	3.279	0.011	98	240540	50.0	48.1	
56 Carbon tetrachloride	117	3.302	3.302	0.000	96	286556	50.0	50.2	
61 Isobutyl alcohol	43	3.359	3.359	0.000	95	150741	1250.0	1415.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.393	0.000	98	210015	50.0	50.3	
59 Benzene	78	3.450	3.450	0.000	95	750013	50.0	45.9	
60 1,2-Dichloroethane	62	3.462	3.462	0.000	95	223779	50.0	44.7	
63 Isopropyl acetate	61	3.508	3.507	0.001	95	68587	50.0	47.7	
62 Isooctane	57	3.530	3.530	0.000	99	620530	50.0	51.9	
64 Tert-amyl methyl ether	73	3.553	3.542	0.011	93	576580	50.0	49.0	
* 65 Fluorobenzene	96	3.679	3.679	0.000	97	802235	50.0	50.0	
66 n-Heptane	43	3.679	3.679	0.000	52	194924	50.0	47.7	
68 n-Butanol	56	3.953	3.942	0.011	93	70844	1250.0	1287.7	
67 Trichloroethene	95	4.011	4.010	0.001	96	189671	50.0	47.3	
69 Ethyl acrylate	55	4.113	4.113	0.000	98	175624	50.0	47.2	
70 Methylcyclohexane	83	4.205	4.205	0.000	94	338537	50.0	49.6	
71 1,2-Dichloropropane	63	4.216	4.216	0.000	93	183336	50.0	45.8	
* 72 1,4-Dioxane-d8	96	4.296	4.285	0.011	72	32913	1000.0	1000.0	
73 Dibromomethane	93	4.331	4.330	0.001	96	120674	50.0	48.0	
75 Methyl methacrylate	100	4.342	4.342	0.000	89	87753	100.0	97.2	
74 1,4-Dioxane	88	4.342	4.353	-0.011	28	28831	1000.0	1000.6	
76 n-Propyl acetate	43	4.411	4.410	0.001	98	198129	50.0	49.1	
77 Dichlorobromomethane	83	4.491	4.490	0.001	98	237743	50.0	50.0	
78 2-Nitropropane	41	4.719	4.719	0.000	98	61613	100.0	109.7	
79 2-Chloroethyl vinyl ether	63	4.822	4.822	0.000	94	110690	50.1	47.8	
80 Epichlorohydrin	57	4.868	4.868	0.000	99	292340	1000.0	1033.4	
81 cis-1,3-Dichloropropene	75	4.971	4.970	0.001	91	272443	50.0	51.2	
82 4-Methyl-2-pentanone (MIBK)	43	5.153	5.153	0.000	97	774536	250.0	254.0	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	99	717829	50.0	49.5	
84 Toluene	91	5.348	5.348	0.000	94	765647	50.0	48.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.611	5.611	0.000	95	227727	50.0	48.9	
86 Ethyl methacrylate	69	5.771	5.771	0.000	90	207784	50.0	49.7	
87 1,1,2-Trichloroethane	83	5.828	5.828	0.000	96	130498	50.0	50.4	
88 Tetrachloroethene	166	5.999	5.999	0.000	98	200040	50.0	50.1	
89 1,3-Dichloropropane	76	6.034	6.033	0.001	93	249410	50.0	47.6	
90 2-Hexanone	43	6.182	6.182	0.000	96	490235	250.0	265.3	
91 Chlorodibromomethane	129	6.319	6.319	0.000	97	180928	50.0	46.1	
92 n-Butyl acetate	43	6.388	6.388	0.000	99	230402	50.0	50.4	
93 Ethylene Dibromide	107	6.445	6.445	0.000	97	169559	50.0	50.2	
* 94 Chlorobenzene-d5	117	7.097	7.096	0.001	83	587138	50.0	50.0	
95 Chlorobenzene	112	7.131	7.131	0.000	96	513857	50.0	50.2	
96 1,1,1,2-Tetrachloroethane	131	7.268	7.268	0.000	93	210652	50.0	49.5	
97 Ethylbenzene	106	7.325	7.325	0.000	97	275217	50.0	48.7	
98 m-Xylene & p-Xylene	106	7.497	7.496	0.001	96	344120	50.0	51.0	
99 o-Xylene	106	8.068	8.068	0.000	94	356249	50.0	49.9	
100 Styrene	104	8.091	8.091	0.000	96	555218	50.0	50.8	
101 n-Butyl acrylate	73	8.125	8.125	0.000	98	143405	50.0	52.6	
102 Bromoform	173	8.320	8.319	0.001	97	113160	50.0	49.7	
103 Amyl acetate (mixed isomers)	43	8.502	8.502	0.000	90	306485	50.0	52.1	
104 Isopropylbenzene	105	8.651	8.651	0.000	95	881065	50.0	51.5	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	95	244463	50.0	48.9	
106 Bromobenzene	156	9.051	9.051	0.000	93	239731	50.0	49.7	
107 1,1,2,2-Tetrachloroethane	83	9.142	9.142	0.000	98	219833	50.0	46.7	
108 1,2,3-Trichloropropane	75	9.165	9.165	0.000	98	153628	50.0	49.0	
109 trans-1,4-Dichloro-2-butene	75	9.234	9.234	0.000	91	36213	50.0	40.2	
110 N-Propylbenzene	91	9.302	9.302	0.000	99	1070352	50.0	51.7	
111 2-Chlorotoluene	91	9.382	9.382	0.000	97	624340	50.0	50.7	
112 4-Ethyltoluene	105	9.497	9.497	0.000	100	905260	50.0	51.2	
113 4-Chlorotoluene	91	9.565	9.565	0.000	96	620996	50.0	49.8	
114 1,3,5-Trimethylbenzene	105	9.611	9.611	0.000	93	796973	50.0	50.8	
115 Butyl Methacrylate	87	9.874	9.874	0.000	88	267357	50.0	52.6	
116 tert-Butylbenzene	119	10.125	10.125	0.000	96	683012	50.0	52.5	
117 1,2,4-Trimethylbenzene	105	10.194	10.194	0.000	97	826369	50.0	50.6	
118 sec-Butylbenzene	105	10.423	10.422	0.001	99	1086286	50.0	53.4	
119 1,3-Dichlorobenzene	146	10.503	10.502	0.001	99	469467	50.0	50.0	
* 120 1,4-Dichlorobenzene-d4	152	10.583	10.582	0.001	93	346027	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.605	10.605	0.000	96	481159	50.0	48.3	
122 4-Isopropyltoluene	119	10.617	10.617	0.000	98	967158	50.0	51.1	
123 1,2,3-Trimethylbenzene	105	10.697	10.697	0.000	98	907689	50.0	50.3	
124 Benzyl chloride	126	10.777	10.777	0.000	99	78441	50.0	53.2	
125 2,3-Dihydroindene	117	10.868	10.880	-0.012	94	899747	50.0	53.8	
126 1,2-Dichlorobenzene	146	10.971	10.971	0.000	98	472074	50.0	49.1	
127 p-Diethylbenzene	119	11.006	11.005	0.001	95	574968	50.0	51.5	
128 n-Butylbenzene	92	11.017	11.017	0.000	96	472118	50.0	51.4	
129 1,2-Dibromo-3-Chloropropane	157	11.611	11.611	0.000	94	50423	50.0	46.8	
130 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	97	945731	50.0	54.6	
131 1,3,5-Trichlorobenzene	180	11.760	11.760	0.000	98	420062	50.0	49.1	
132 1,2,4-Trichlorobenzene	180	12.160	12.160	0.000	94	384949	50.0	50.7	
133 Hexachlorobutadiene	225	12.274	12.274	0.000	97	148915	50.0	52.4	
134 Naphthalene	128	12.297	12.285	0.012	99	859702	50.0	53.4	
135 1,2,3-Trichlorobenzene	180	12.434	12.434	0.000	96	389359	50.0	49.1	
S 137 1,2-Dichloroethene, Total	100				0		100.0	99.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		100.0	100.9	
S 139 Total BTEX	1				0		250.0	243.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00627	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00200	Amount Added:	50.00	Units: uL	
ACROLEIN W_00180	Amount Added:	10.00	Units: uL	
524FREONS_00030	Amount Added:	50.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

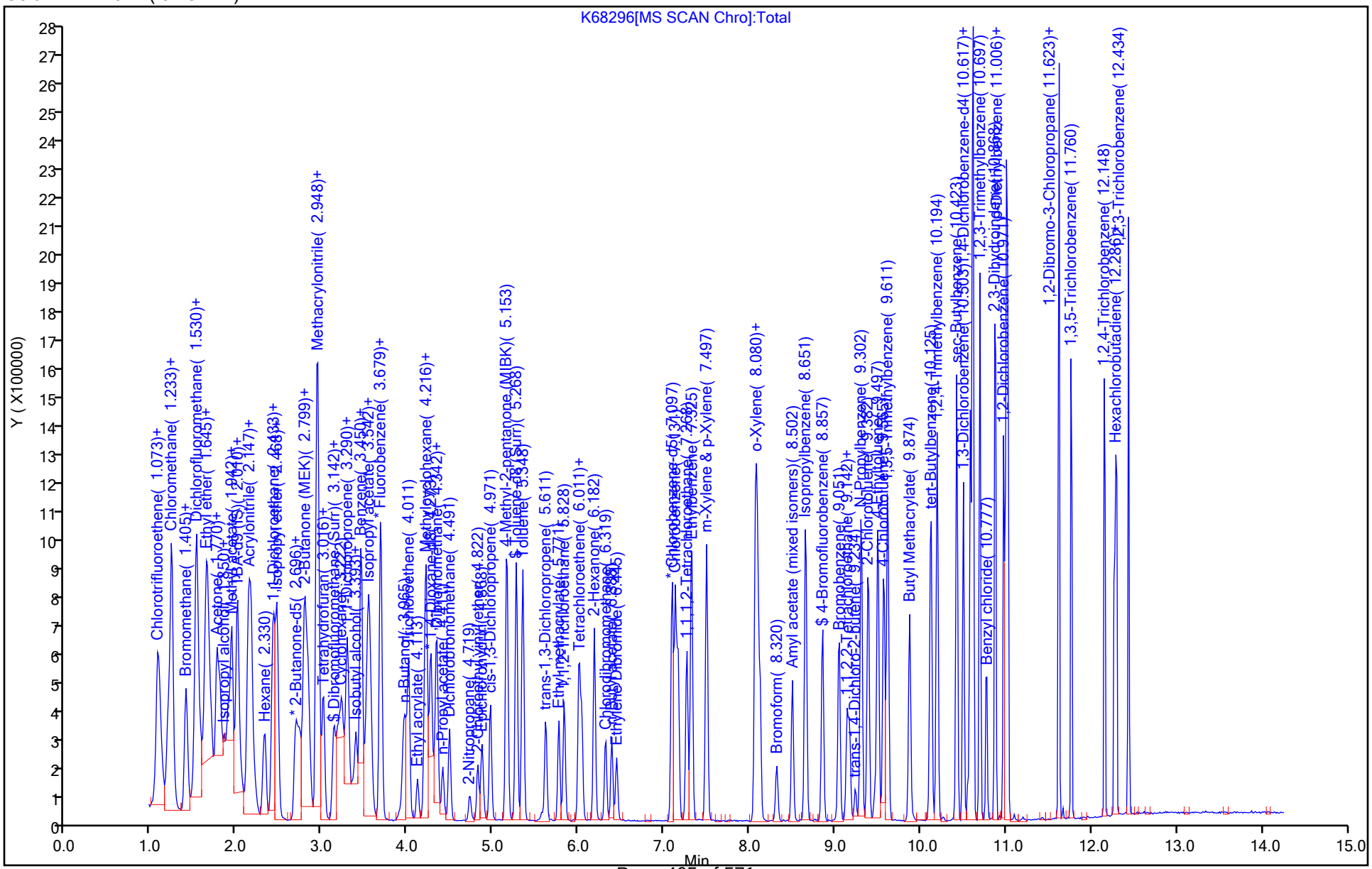
Report Date: 23-Feb-2025 12:53:43 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68296.D

Injection Date:	20-Feb-2025 14:29:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

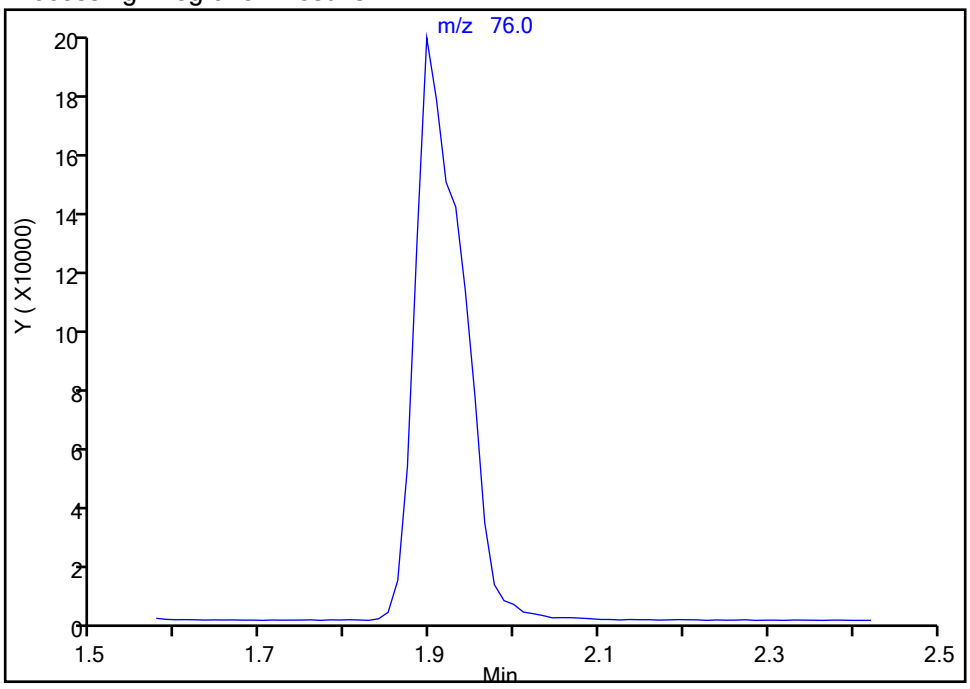
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68296.D
Injection Date: 20-Feb-2025 14:29:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

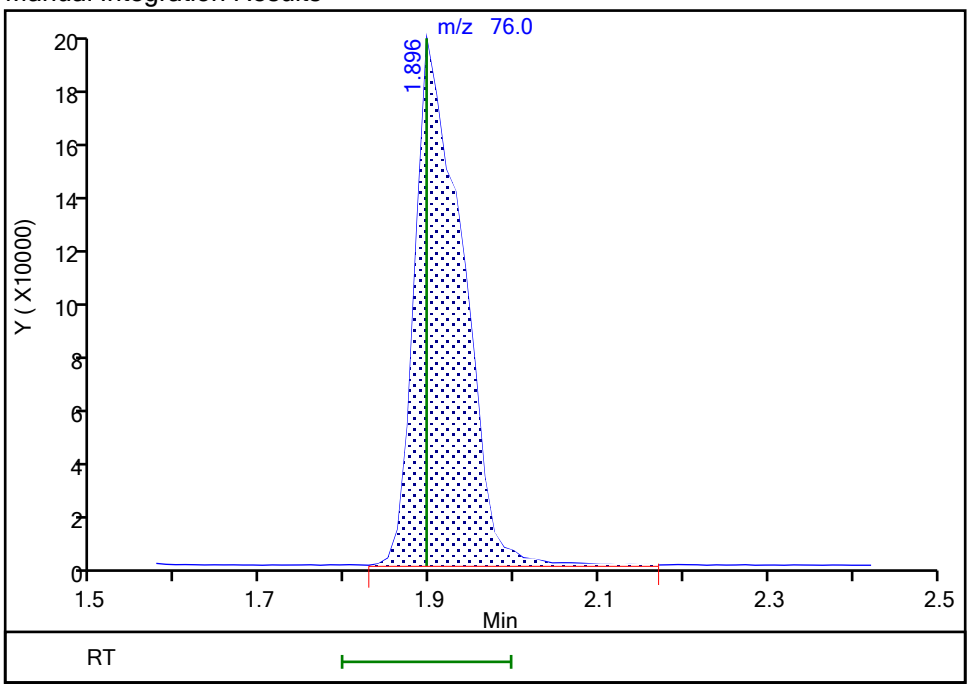
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.90
Area: 769622
Amount: 44.153275
Amount Units: ug/l



Reviewer: RD6L, 20-Feb-2025 15:28:12 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

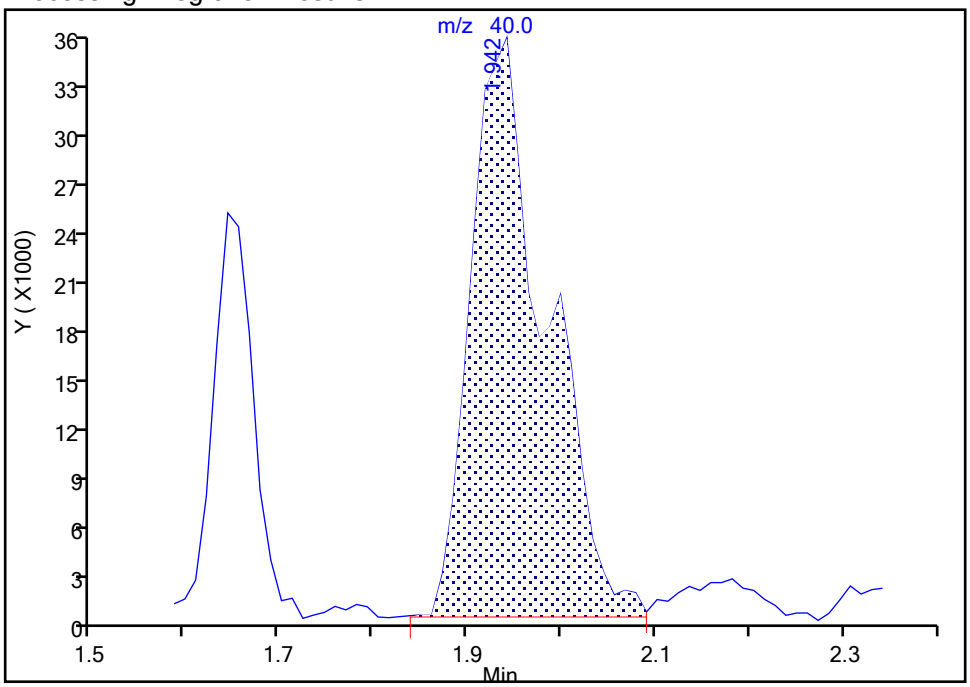
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68296.D
Injection Date: 20-Feb-2025 14:29:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Signal: 1

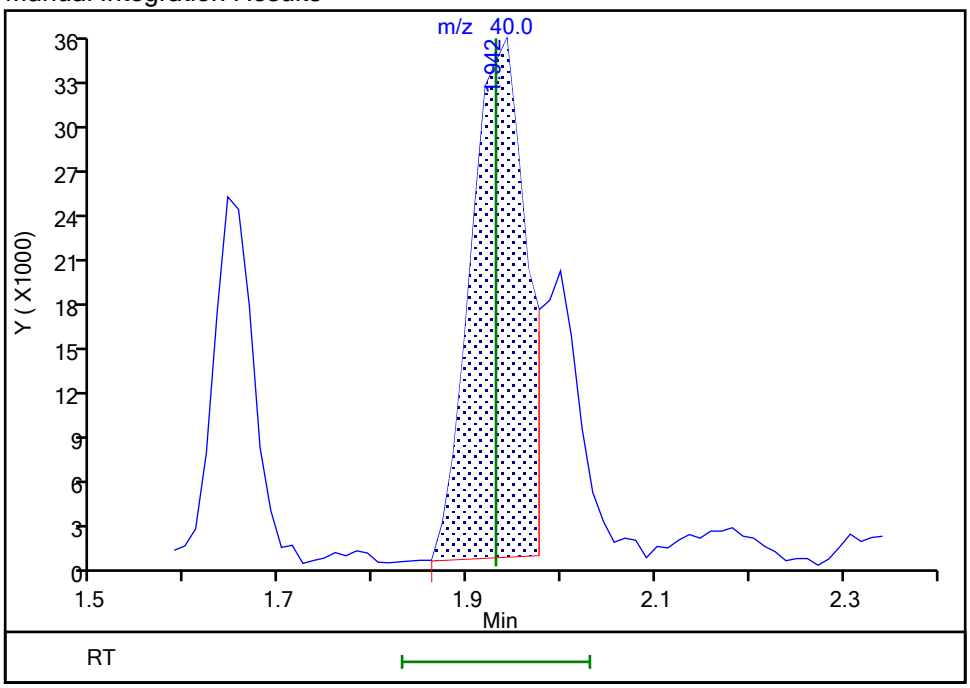
Processing Integration Results

RT: 1.94
Area: 196337
Amount: 727.5372
Amount Units: ug/l



Manual Integration Results

RT: 1.94
Area: 145385
Amount: 695.0797
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 17:07:23 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68297.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 20-Feb-2025 14:53:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0187106-009
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 12:54:00 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: RD6L Date: 20-Feb-2025 15:27:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.050	1.062	-0.012	60	583151	200.0	267.3	
5 Chlorodifluoromethane	67	1.073	1.084	-0.011	96	275791	200.0	195.9	
3 Dichlorodifluoromethane	85	1.084	1.084	0.000	97	2661143	200.0	211.0	
6 Chloromethane	50	1.187	1.199	-0.012	99	2779037	200.0	193.9	
8 Butadiene	54	1.222	1.233	-0.011	93	1936244	200.0	197.3	
7 Vinyl chloride	62	1.233	1.244	-0.011	98	1747057	200.0	200.4	
9 Bromomethane	94	1.393	1.404	-0.011	99	1215929	200.0	192.5	
10 Chloroethane	64	1.404	1.416	-0.012	100	925352	200.0	194.4	
11 Dichlorofluoromethane	67	1.507	1.519	-0.012	99	2361152	200.0	196.4	
13 Pentane	57	1.519	1.530	-0.011	97	517933	400.0	449.7	
12 Trichlorofluoromethane	101	1.553	1.564	-0.011	95	1804067	200.0	203.3	
15 Ethyl ether	59	1.610	1.622	-0.012	94	647747	200.0	198.8	
14 Ethanol	46	1.610	1.622	-0.012	69	115459	8000.0	5180.1	
17 2-Methyl-1,3-butadiene	53	1.644	1.656	-0.012	94	810064	200.0	205.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.667	1.656	0.011	91	1001795	200.0	196.9	
19 Acrolein	56	1.690	1.690	0.000	28	32577	200.0	116.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.690	1.702	-0.012	89	1558081	200.0	199.6	
20 1,1-Dichloroethene	96	1.759	1.759	0.000	96	996499	200.0	211.6	
22 Acetone	58	1.759	1.759	0.000	88	303445	1000.0	852.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.793	1.804	-0.011	99	1198349	200.0	215.1	
24 Isopropyl alcohol	45	1.816	1.816	0.000	25	354787	2000.0	1550.7	
23 Iodomethane	142	1.850	1.850	0.000	97	1995785	200.0	211.2	
27 3-Chloro-1-propene	76	1.884	1.896	-0.012	96	4099793	200.0	237.5	a
25 Carbon disulfide	76	1.884	1.896	-0.012	99	4089876	200.0	237.4	
26 Acetonitrile	40	1.930	1.930	0.000	77	503276	2000.0	1879.2	
28 Methyl acetate	43	1.930	1.942	-0.012	97	882940	400.0	383.5	
29 Cyclopentene	67	1.987	1.999	-0.012	92	2438301	200.0	204.7	
30 Methylene Chloride	84	2.010	2.010	0.000	91	1010921	200.0	197.3	
* 31 TBA-d9 (IS)	65	1.987	2.033	-0.046	42	488030	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.067	2.044	0.023	93	643880	2000.0	1459.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.124	2.136	-0.012	97	2628471	2000.0	1939.0	
34 trans-1,2-Dichloroethene	96	2.159	2.159	0.000	92	895299	200.0	208.2	
35 Methyl tert-butyl ether	73	2.170	2.170	0.000	96	2535862	200.0	199.9	
36 Hexane	57	2.319	2.330	-0.011	93	1046542	200.0	225.2	
37 1,1-Dichloroethane	63	2.410	2.410	0.000	99	1396176	200.0	200.6	
38 Vinyl acetate	86	2.422	2.422	0.000	100	282383	400.0	439.1	
39 Isopropyl ether	45	2.456	2.456	0.000	90	2546986	200.0	201.1	
40 2-Chloro-1,3-butadiene	88	2.467	2.467	0.000	89	774152	200.0	212.7	
41 Tert-butyl ethyl ether	59	2.696	2.696	0.000	89	2590529	200.0	199.7	
* 43 2-Butanone-d5	46	2.742	2.742	0.000	92	320178	250.0	250.0	a
46 2-Butanone (MEK)	72	2.776	2.776	0.000	95	337989	1000.0	972.0	
45 cis-1,2-Dichloroethene	96	2.787	2.787	0.000	99	917724	200.0	205.6	
44 2,2-Dichloropropane	97	2.810	2.810	0.000	82	319527	200.0	196.9	
47 Ethyl acetate	43	2.822	2.822	0.000	99	2339067	400.0	386.5	
42 Propionitrile	54	2.822	2.822	0.000	94	888603	2000.0	1420.3	
48 Methyl acrylate	55	2.845	2.856	-0.011	99	682040	200.0	194.9	
50 Methacrylonitrile	67	2.936	2.936	0.000	90	2756556	2000.0	1956.1	
49 Chlorobromomethane	128	2.959	2.959	0.000	81	465452	200.0	193.4	
51 Tetrahydrofuran	42	2.993	2.993	0.000	92	356257	400.0	384.0	
52 Chloroform	83	3.005	3.016	-0.011	99	1389379	200.0	202.8	
$ 53 Dibromofluoromethane (Surr)	113	3.130	3.130	0.000	97	206549	50.0	48.2	
54 1,1,1-Trichloroethane	97	3.176	3.176	0.000	97	1385964	200.0	206.6	
55 Cyclohexane	84	3.233	3.233	0.000	91	1465407	200.0	232.6	M
57 1,1-Dichloropropene	75	3.279	3.279	0.000	98	1041001	200.0	210.3	
56 Carbon tetrachloride	117	3.302	3.302	0.000	96	1231241	200.0	217.9	
61 Isobutyl alcohol	43	3.359	3.359	0.000	95	612074	5000.0	4002.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.393	0.000	93	193716	50.0	46.9	
59 Benzene	78	3.450	3.450	0.000	95	3109748	200.0	190.0	
60 1,2-Dichloroethane	62	3.450	3.462	-0.012	94	900335	200.0	181.7	
63 Isopropyl acetate	61	3.496	3.507	-0.011	96	261852	200.0	183.8	
62 Isooctane	57	3.542	3.530	0.012	97	2881106	200.0	221.1	
64 Tert-amyl methyl ether	73	3.553	3.542	0.011	95	2464790	200.0	211.6	
* 65 Fluorobenzene	96	3.679	3.679	0.000	88	794427	50.0	50.0	
66 n-Heptane	43	3.679	3.679	0.000	89	885170	200.0	218.6	
68 n-Butanol	56	3.942	3.942	0.000	91	292783	5000.0	3705.3	
67 Trichloroethene	95	4.010	4.010	0.000	98	777120	200.0	195.8	
69 Ethyl acrylate	55	4.113	4.113	0.000	98	730381	200.0	198.1	
70 Methylcyclohexane	83	4.205	4.205	0.000	95	1548580	200.0	229.2	
71 1,2-Dichloropropane	63	4.216	4.216	0.000	90	733254	200.0	185.0	
* 72 1,4-Dioxane-d8	96	4.308	4.285	0.023	72	40476	1000.0	1000.0	
73 Dibromomethane	93	4.319	4.330	-0.011	95	488421	200.0	196.3	
75 Methyl methacrylate	100	4.342	4.342	0.000	89	368831	400.0	412.6	
74 1,4-Dioxane	88	4.342	4.353	-0.011	28	109002	4000.0	3076.1	
76 n-Propyl acetate	43	4.410	4.410	0.000	99	802875	200.0	200.8	
77 Dichlorobromomethane	83	4.490	4.490	0.000	99	970654	200.0	200.3	
78 2-Nitropropane	41	4.719	4.719	0.000	98	252803	400.0	410.4	
79 2-Chloroethyl vinyl ether	63	4.822	4.822	0.000	94	439915	200.5	191.6	
80 Epichlorohydrin	57	4.868	4.868	0.000	99	1150529	4000.0	4192.7	
81 cis-1,3-Dichloropropene	75	4.970	4.970	0.000	91	1177928	200.0	221.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.153	5.153	0.000	96	3185103	1000.0	1076.6	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	100	715976	50.0	49.3	
84 Toluene	91	5.348	5.348	0.000	93	3232084	200.0	203.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.611	5.611	-0.001	96	991525	200.0	212.6	
86 Ethyl methacrylate	69	5.771	5.771	0.000	88	883653	200.0	211.0	
87 1,1,2-Trichloroethane	83	5.828	5.828	0.000	96	518428	200.0	199.8	
88 Tetrachloroethene	166	5.999	5.999	0.000	98	855455	200.0	214.4	
89 1,3-Dichloropropane	76	6.033	6.033	0.000	92	1030846	200.0	196.4	
90 2-Hexanone	43	6.182	6.182	0.000	96	1904709	1000.0	1062.5	
91 Chlorodibromomethane	129	6.319	6.319	0.000	98	789581	200.0	200.7	
92 n-Butyl acetate	43	6.388	6.388	0.000	99	939117	200.0	204.9	
93 Ethylene Dibromide	107	6.445	6.445	0.000	99	680886	200.0	201.1	
* 94 Chlorobenzene-d5	117	7.096	7.096	0.000	84	588303	50.0	50.0	
95 Chlorobenzene	112	7.131	7.131	0.000	97	2119180	200.0	206.4	
96 1,1,1,2-Tetrachloroethane	131	7.268	7.268	0.000	95	908642	200.0	212.9	
97 Ethylbenzene	106	7.325	7.325	0.000	98	1155425	200.0	203.9	
98 m-Xylene & p-Xylene	106	7.496	7.496	0.000	96	1432095	200.0	211.9	
99 o-Xylene	106	8.068	8.068	0.000	94	1493540	200.0	208.6	
100 Styrene	104	8.091	8.091	0.000	96	2377277	200.0	217.2	
101 n-Butyl acrylate	73	8.125	8.125	0.000	98	596343	200.0	218.3	
102 Bromoform	173	8.319	8.319	0.000	98	508067	200.0	222.7	
103 Amyl acetate (mixed isomers)	43	8.502	8.502	0.000	91	1308695	200.0	219.6	
104 Isopropylbenzene	105	8.662	8.651	0.011	95	3686756	200.0	215.1	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	96	243299	50.0	48.6	
106 Bromobenzene	156	9.051	9.051	0.000	92	994509	200.0	203.2	
107 1,1,2,2-Tetrachloroethane	83	9.142	9.142	0.000	98	900602	200.0	188.8	
108 1,2,3-Trichloropropane	75	9.165	9.165	0.000	98	626888	200.0	197.2	
109 trans-1,4-Dichloro-2-butene	75	9.245	9.234	0.011	94	208846	200.0	203.9	
110 N-Propylbenzene	91	9.314	9.302	0.012	99	4472332	200.0	213.2	
111 2-Chlorotoluene	91	9.394	9.382	0.012	97	2636574	200.0	211.2	
112 4-Ethyltoluene	105	9.508	9.497	0.011	99	3651408	200.0	203.6	
113 4-Chlorotoluene	91	9.577	9.565	0.012	96	2640850	200.0	208.7	
114 1,3,5-Trimethylbenzene	105	9.622	9.611	0.011	93	3454026	200.0	217.3	
115 Butyl Methacrylate	87	9.874	9.874	0.000	88	1127764	200.0	218.8	
116 tert-Butylbenzene	119	10.125	10.125	0.000	95	2926008	200.0	221.6	
117 1,2,4-Trimethylbenzene	105	10.194	10.194	0.000	97	3518044	200.0	212.2	
118 sec-Butylbenzene	105	10.422	10.422	0.000	99	4552661	200.0	220.6	
119 1,3-Dichlorobenzene	146	10.502	10.502	0.000	98	1926593	200.0	202.5	
* 120 1,4-Dichlorobenzene-d4	152	10.582	10.582	0.000	94	350909	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.617	10.605	0.012	96	2037840	200.0	201.6	
122 4-Isopropyltoluene	119	10.617	10.617	0.000	98	4297387	200.0	223.8	
123 1,2,3-Trimethylbenzene	105	10.697	10.697	0.000	98	3924198	200.0	214.6	
124 Benzyl chloride	126	10.777	10.777	0.000	99	353604	200.0	206.2	
125 2,3-Dihydroindene	117	10.880	10.880	0.000	94	3395979	200.0	200.1	
126 1,2-Dichlorobenzene	146	10.971	10.971	0.000	98	1996476	200.0	204.8	
127 p-Diethylbenzene	119	11.005	11.005	0.000	94	2407065	200.0	212.5	
128 n-Butylbenzene	92	11.028	11.017	0.011	93	2036650	200.0	218.6	
129 1,2-Dibromo-3-Chloropropane	157	11.611	11.611	0.000	92	224455	200.0	205.5	
130 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	97	4240336	200.0	241.3	
131 1,3,5-Trichlorobenzene	180	11.771	11.760	0.011	97	1774087	200.0	204.3	
132 1,2,4-Trichlorobenzene	180	12.160	12.160	0.000	93	1658866	200.0	215.4	
133 Hexachlorobutadiene	225	12.274	12.274	0.000	98	650273	200.0	225.6	
134 Naphthalene	128	12.297	12.285	0.012	99	3819448	200.0	233.9	
135 1,2,3-Trichlorobenzene	180	12.434	12.434	0.000	97	1681074	200.0	208.9	
S 137 1,2-Dichloroethene, Total	100				0		400.0	413.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		400.0	420.5	
S 139 Total BTEX	1				0		1000.0	1018.2	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00180	Amount Added:	20.00	Units: uL	
GAS Hi_00489	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00158	Amount Added:	20.00	Units: uL	
Ethanol mix_00098	Amount Added:	20.00	Units: uL	
7 Freons Hi_00024	Amount Added:	20.00	Units: uL	
MIX I Hi_00185	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Feb-2025 12:54:00 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68297.D

Injection Date: 20-Feb-2025 14:53:30 Instrument ID: CVOAMS9 Operator ID:

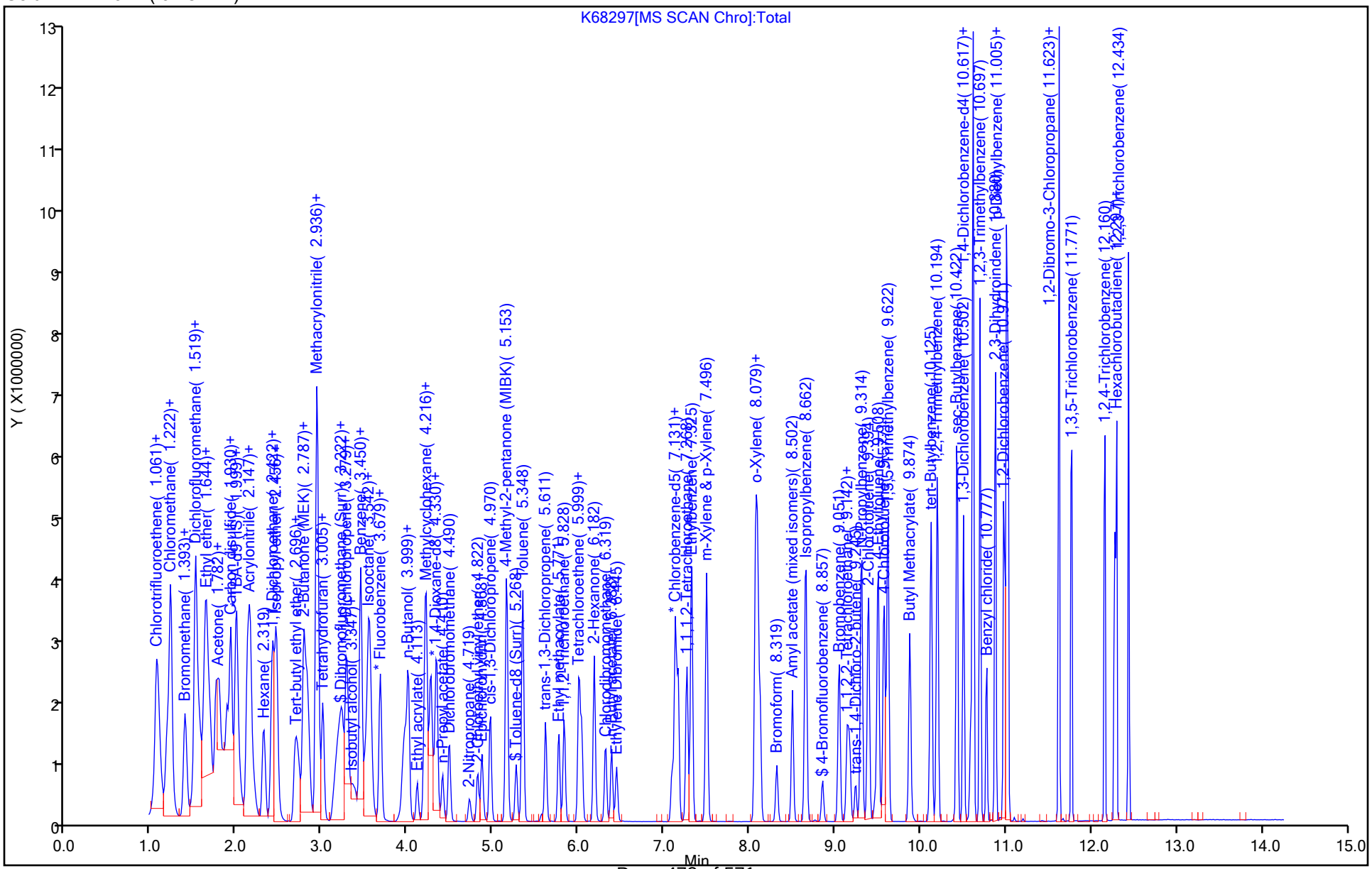
Lims ID: STD200 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

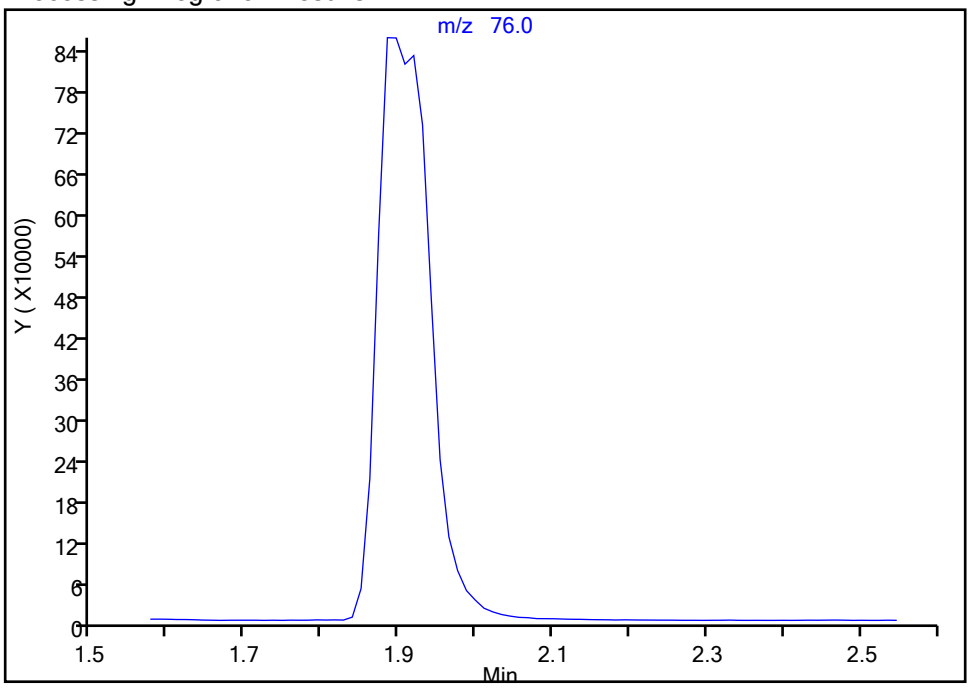
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68297.D
Injection Date: 20-Feb-2025 14:53:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

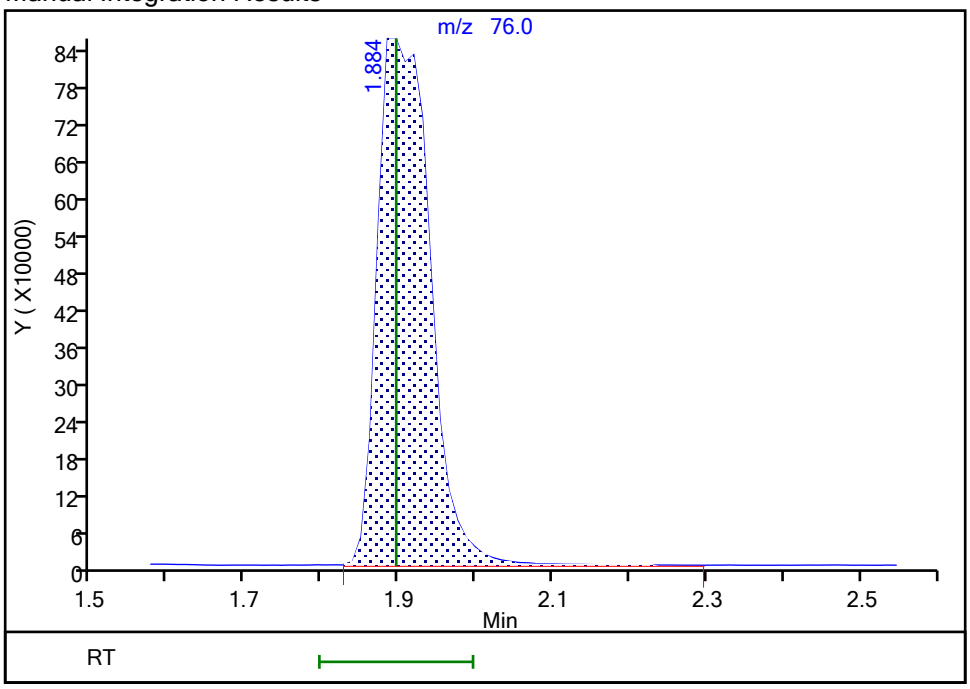
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.88
Area: 4099793
Amount: 237.5172
Amount Units: ug/l



Reviewer: RD6L, 20-Feb-2025 15:26:06 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

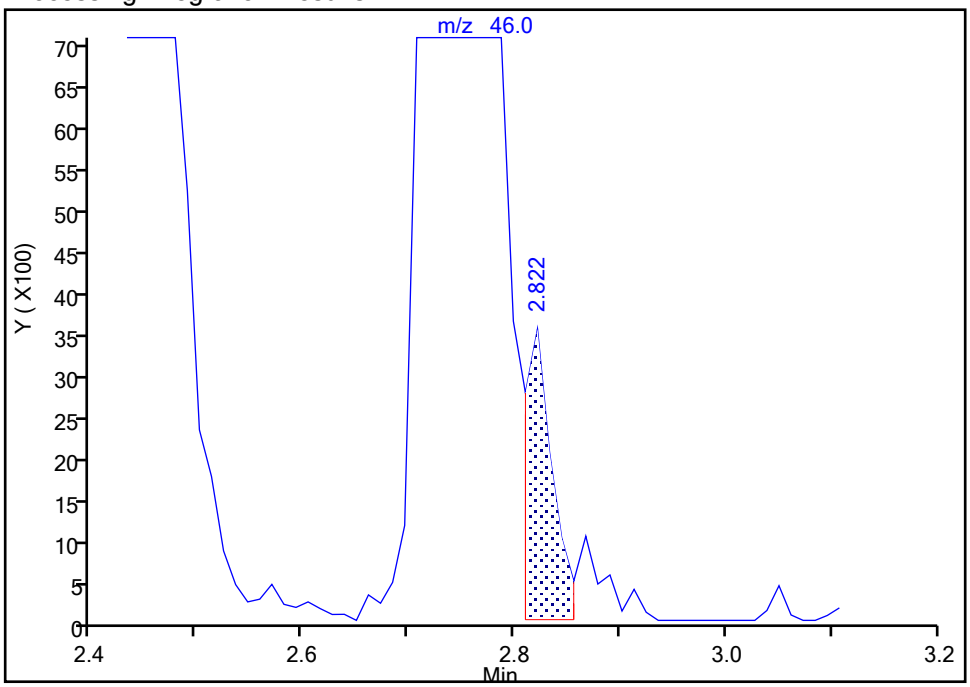
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68297.D
Injection Date: 20-Feb-2025 14:53:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

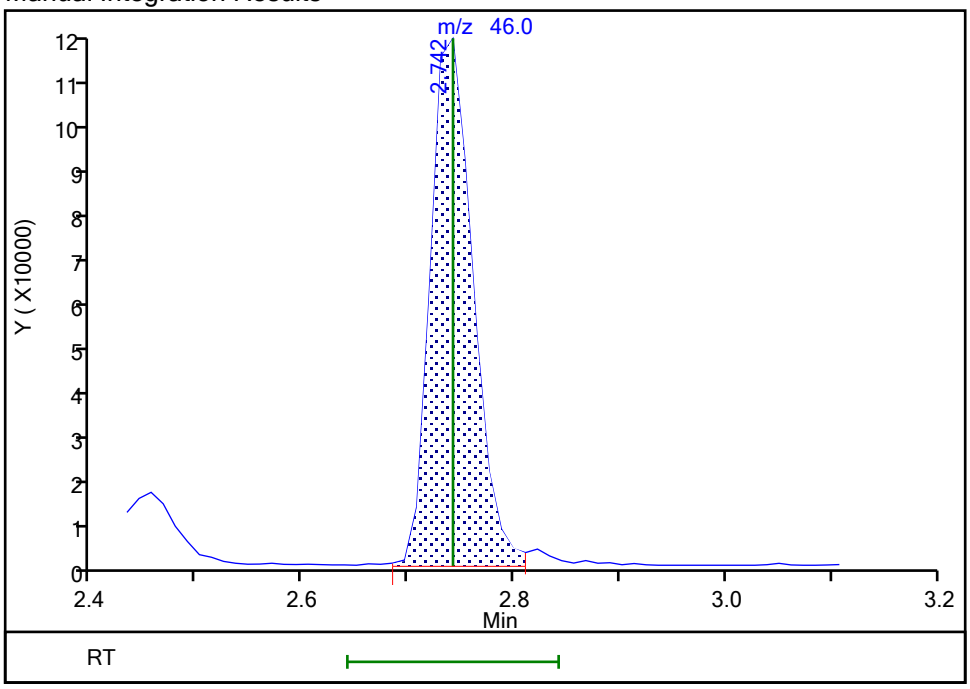
Processing Integration Results

RT: 2.82
Area: 6665
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.74
Area: 320178
Amount: 250.0000
Amount Units: ug/l



Reviewer: RD6L, 20-Feb-2025 15:25:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

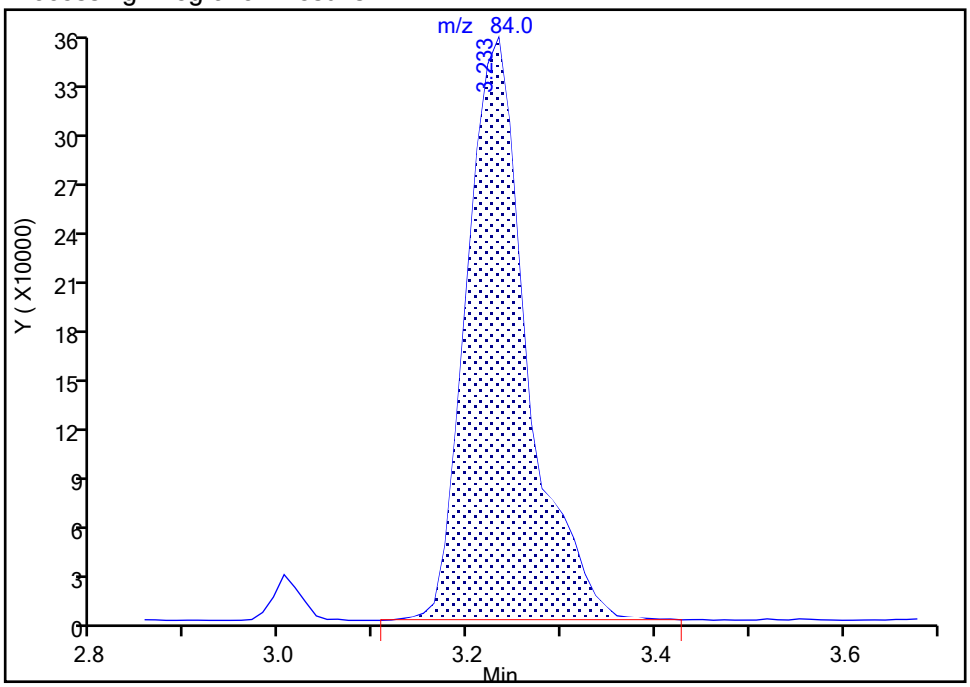
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68297.D
Injection Date: 20-Feb-2025 14:53:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

55 Cyclohexane, CAS: 110-82-7

Signal: 1

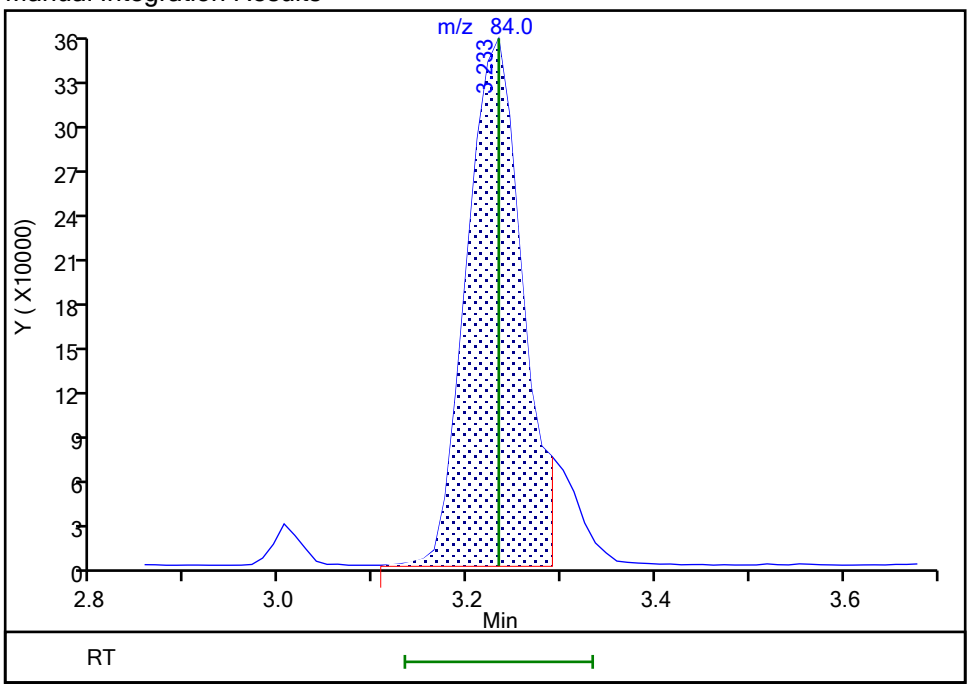
Processing Integration Results

RT: 3.23
Area: 1584614
Amount: 244.1182
Amount Units: ug/l



Manual Integration Results

RT: 3.23
Area: 1465407
Amount: 232.5892
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:15:03 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Report Date: 23-Feb-2025 12:54:17 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 20-Feb-2025 15:17:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0187106-010
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 12:54:17 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: RD6L Date: 20-Feb-2025 15:44:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.062	1.062	0.000	90	1513446	500.0	556.9	
5 Chlorodifluoromethane	67	1.084	1.084	0.000	95	735788	500.0	474.0	
3 Dichlorodifluoromethane	85	1.084	1.084	0.000	98	6945912	500.0	499.6	
6 Chloromethane	50	1.199	1.199	0.000	99	7197238	500.0	455.5	
8 Butadiene	54	1.233	1.233	0.000	94	5037069	500.0	465.4	
7 Vinyl chloride	62	1.244	1.244	0.000	98	4576363	500.0	476.1	
9 Bromomethane	94	1.404	1.404	0.000	99	3213600	500.0	461.4	
10 Chloroethane	64	1.416	1.416	0.000	100	2422223	500.0	461.6	
11 Dichlorofluoromethane	67	1.519	1.519	0.000	99	6184691	500.0	466.6	
13 Pentane	57	1.530	1.530	0.000	97	1466238	1000.0	1154.7	
12 Trichlorofluoromethane	101	1.564	1.564	0.000	95	4769157	500.0	487.6	
15 Ethyl ether	59	1.622	1.622	0.000	94	1873739	500.0	522.6	
14 Ethanol	46	1.622	1.622	0.000	71	318334	20000	8067.0	
17 2-Methyl-1,3-butadiene	53	1.644	1.656	-0.012	94	2475118	500.0	569.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.667	1.656	0.011	91	2839133	500.0	506.2	
19 Acrolein	56	1.702	1.690	0.012	28	70156	400.0	141.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.702	1.702	0.000	94	4268895	500.0	496.0	
20 1,1-Dichloroethene	96	1.782	1.759	0.023	96	2804136	500.0	540.2	
22 Acetone	58	1.770	1.759	0.011	87	977853	2500.0	2205.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.804	1.804	0.000	99	3231292	500.0	526.1	
24 Isopropyl alcohol	45	1.827	1.816	0.011	96	1162274	5000.0	2869.3	
23 Iodomethane	142	1.873	1.850	0.023	97	5543036	500.0	532.1	
27 3-Chloro-1-propene	76	1.930	1.896	0.034	89	11594168	500.0	609.2	a
25 Carbon disulfide	76	1.930	1.896	0.034	99	11581986	500.0	609.8	
26 Acetonitrile	40	1.942	1.930	0.012	77	1616372	5000.0	5083.7	
28 Methyl acetate	43	1.942	1.942	0.000	98	2626968	1000.0	1050.7	
29 Cyclopentene	67	1.999	1.999	0.000	95	7340109	500.0	499.5	
30 Methylene Chloride	84	2.010	2.010	0.000	89	2842029	500.0	503.2	
* 31 TBA-d9 (IS)	65	1.999	2.033	-0.034	41	864029	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.079	2.044	0.035	93	1906630	5000.0	2441.5	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.136	2.136	0.000	95	7651316	5000.0	5119.4	
34 trans-1,2-Dichloroethene	96	2.170	2.159	0.011	92	2559653	500.0	539.9	
35 Methyl tert-butyl ether	73	2.182	2.170	0.012	96	7047441	500.0	503.9	
36 Hexane	57	2.319	2.330	-0.011	93	2737913	500.0	534.3	
37 1,1-Dichloroethane	63	2.410	2.410	0.000	99	3978127	500.0	518.5	
38 Vinyl acetate	86	2.433	2.422	0.011	100	845318	1000.0	1055.1	
39 Isopropyl ether	45	2.467	2.456	0.011	90	7542843	500.0	540.2	
40 2-Chloro-1,3-butadiene	88	2.467	2.467	0.000	89	2266742	500.0	564.9	
41 Tert-butyl ethyl ether	59	2.707	2.696	0.011	89	7452029	500.0	500.0	
* 43 2-Butanone-d5	46	2.753	2.742	0.011	91	398887	250.0	250.0	a
46 2-Butanone (MEK)	72	2.787	2.776	0.011	96	1062450	2500.0	2452.4	a
45 cis-1,2-Dichloroethene	96	2.799	2.787	0.012	99	2616952	500.0	531.7	
44 2,2-Dichloropropane	97	2.833	2.810	0.023	89	890958	500.0	497.9	
47 Ethyl acetate	43	2.822	2.822	0.000	99	7315420	1000.0	970.2	
42 Propionitrile	54	2.833	2.822	0.011	94	2720814	5000.0	2456.4	
48 Methyl acrylate	55	2.856	2.856	0.000	100	2150400	500.0	557.5	
50 Methacrylonitrile	67	2.947	2.936	0.011	90	8845584	5000.0	5693.3	
49 Chlorobromomethane	128	2.959	2.959	0.000	77	1334779	500.0	503.1	
51 Tetrahydrofuran	42	2.993	2.993	0.000	88	1054545	1000.0	912.4	
52 Chloroform	83	3.016	3.016	0.000	99	3995733	500.0	528.9	
$ 53 Dibromofluoromethane (Surr)	113	3.130	3.130	0.000	97	238235	50.0	50.4	
54 1,1,1-Trichloroethane	97	3.187	3.176	0.011	96	3840037	500.0	519.2	
55 Cyclohexane	84	3.245	3.233	0.012	91	4012817	500.0	577.7	M
57 1,1-Dichloropropene	75	3.290	3.279	0.011	97	3041118	500.0	557.2	
56 Carbon tetrachloride	117	3.313	3.302	0.011	96	3436012	500.0	551.5	
61 Isobutyl alcohol	43	3.370	3.359	0.011	97	1941911	12500	7172.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.405	3.393	0.012	88	236729	50.0	52.0	
59 Benzene	78	3.462	3.450	0.012	95	9214562	500.0	503.9	
60 1,2-Dichloroethane	62	3.462	3.462	0.000	95	2629241	500.0	481.3	
63 Isopropyl acetate	61	3.507	3.507	0.000	96	887659	500.0	565.2	
62 Isooctane	57	3.553	3.530	0.023	98	7866107	500.0	482.2	
64 Tert-amyl methyl ether	73	3.565	3.542	0.023	92	7337814	500.0	571.4	
* 65 Fluorobenzene	96	3.690	3.679	0.011	58	875865	50.0	50.0	
66 n-Heptane	43	3.690	3.679	0.011	91	2358419	500.0	528.3	
68 n-Butanol	56	3.942	3.942	0.000	88	1011663	12500	7231.6	
67 Trichloroethene	95	4.010	4.010	0.000	97	2301474	500.0	526.0	
69 Ethyl acrylate	55	4.113	4.113	0.000	98	2228465	500.0	548.3	
70 Methylcyclohexane	83	4.216	4.205	0.011	95	4141010	500.0	556.0	
71 1,2-Dichloropropane	63	4.228	4.216	0.012	94	2154317	500.0	492.9	
* 72 1,4-Dioxane-d8	96	4.319	4.285	0.034	74	48680	1000.0	1000.0	
73 Dibromomethane	93	4.330	4.330	0.000	95	1417592	500.0	516.7	
75 Methyl methacrylate	100	4.353	4.342	0.011	86	1140853	1000.0	1157.5	
74 1,4-Dioxane	88	4.353	4.353	0.000	29	328286	10000	7703.1	
76 n-Propyl acetate	43	4.410	4.410	0.000	98	2430719	500.0	551.3	
77 Dichlorobromomethane	83	4.490	4.490	0.000	99	2825314	500.0	500.0	
78 2-Nitropropane	41	4.730	4.719	0.011	96	802816	1000.0	986.8	
79 2-Chloroethyl vinyl ether	63	4.822	4.822	0.000	94	1289098	501.2	509.4	
80 Epichlorohydrin	57	4.879	4.868	0.011	99	3613486	10000	10570	
81 cis-1,3-Dichloropropene	75	4.970	4.970	0.000	90	3412140	500.0	573.5	
82 4-Methyl-2-pentanone (MIBK)	43	5.165	5.153	0.012	96	9625108	2500.0	2611.5	
$ 83 Toluene-d8 (Surr)	98	5.279	5.268	0.011	100	802728	50.0	49.5	
84 Toluene	91	5.348	5.348	0.000	93	9406215	500.0	530.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.622	5.611	0.011	96	2931844	500.0	562.9	
86 Ethyl methacrylate	69	5.771	5.771	0.000	89	2585960	500.0	552.9	
87 1,1,2-Trichloroethane	83	5.839	5.828	0.011	97	1539864	500.0	531.4	
88 Tetrachloroethene	166	6.011	5.999	0.012	98	2434703	500.0	546.6	
89 1,3-Dichloropropane	76	6.045	6.033	0.012	91	3055401	500.0	521.3	
90 2-Hexanone	43	6.193	6.182	0.011	96	5970293	2500.0	2673.2	
91 Chlorodibromomethane	129	6.319	6.319	0.000	98	2343599	500.0	533.2	
92 n-Butyl acetate	43	6.388	6.388	0.000	99	2989471	500.0	583.9	
93 Ethylene Dibromide	107	6.445	6.445	0.000	99	1985775	500.0	525.2	
* 94 Chlorobenzene-d5	117	7.096	7.096	0.000	82	657098	50.0	50.0	
95 Chlorobenzene	112	7.142	7.131	0.011	96	6353645	500.0	554.2	
96 1,1,1,2-Tetrachloroethane	131	7.268	7.268	0.000	95	2624796	500.0	550.6	
97 Ethylbenzene	106	7.325	7.325	0.000	98	3391973	500.0	536.0	
98 m-Xylene & p-Xylene	106	7.508	7.496	0.012	96	4189389	500.0	554.9	
99 o-Xylene	106	8.079	8.068	0.011	94	4466264	500.0	558.6	
100 Styrene	104	8.102	8.091	0.011	97	7435054	500.0	608.3	
101 n-Butyl acrylate	73	8.125	8.125	0.000	97	1963663	500.0	643.7	
102 Bromoform	173	8.319	8.319	0.000	98	1625433	500.0	637.9	
103 Amyl acetate (mixed isomers)	43	8.502	8.502	0.000	90	4304437	500.0	610.9	
104 Isopropylbenzene	105	8.662	8.651	0.011	95	10759361	500.0	562.1	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	97	290522	50.0	52.0	
106 Bromobenzene	156	9.051	9.051	0.000	94	3020957	500.0	522.3	
107 1,1,2,2-Tetrachloroethane	83	9.154	9.142	0.012	98	2747977	500.0	487.4	
108 1,2,3-Trichloropropane	75	9.177	9.165	0.012	98	1907504	500.0	507.6	
109 trans-1,4-Dichloro-2-butene	75	9.245	9.234	0.011	95	723496	500.0	499.6	
110 N-Propylbenzene	91	9.314	9.302	0.012	99	13572160	500.0	547.4	
111 2-Chlorotoluene	91	9.405	9.382	0.023	96	8053452	500.0	545.8	
112 4-Ethyltoluene	105	9.508	9.497	0.011	100	11871542	500.0	560.1	
113 4-Chlorotoluene	91	9.577	9.565	0.012	96	7908668	500.0	528.8	
114 1,3,5-Trimethylbenzene	105	9.622	9.611	0.011	92	10444413	500.0	555.8	
115 Butyl Methacrylate	87	9.885	9.874	0.011	87	3818797	500.0	626.7	
116 tert-Butylbenzene	119	10.137	10.125	0.012	95	8717711	500.0	558.5	
117 1,2,4-Trimethylbenzene	105	10.205	10.194	0.011	97	10692581	500.0	545.7	
118 sec-Butylbenzene	105	10.434	10.422	0.012	99	12982771	500.0	532.2	e
119 1,3-Dichlorobenzene	146	10.514	10.502	0.012	99	6027044	500.0	536.0	
* 120 1,4-Dichlorobenzene-d4	152	10.594	10.582	0.012	92	414782	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.617	10.605	0.012	97	6312885	500.0	528.3	
122 4-Isopropyltoluene	119	10.628	10.617	0.011	98	12572210	500.0	554.0	e
123 1,2,3-Trimethylbenzene	105	10.708	10.697	0.011	97	11851603	500.0	548.2	e
124 Benzyl chloride	126	10.777	10.777	0.000	99	1237509	500.0	494.4	
125 2,3-Dihydroindene	117	10.880	10.880	0.000	95	10222558	500.0	509.5	e
126 1,2-Dichlorobenzene	146	10.983	10.971	0.011	99	6120787	500.0	531.1	
127 p-Diethylbenzene	119	11.005	11.005	0.000	93	7626348	500.0	569.6	
128 n-Butylbenzene	92	11.028	11.017	0.011	96	6030448	500.0	547.7	e
129 1,2-Dibromo-3-Chloropropane	157	11.611	11.611	0.000	89	678371	500.0	525.5	
130 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	90	8815965	500.0	424.5	e
131 1,3,5-Trichlorobenzene	180	11.771	11.760	0.011	97	5547458	500.0	540.6	
132 1,2,4-Trichlorobenzene	180	12.160	12.160	0.000	93	4960963	500.0	545.0	
133 Hexachlorobutadiene	225	12.274	12.274	0.000	97	1821477	500.0	534.7	
134 Naphthalene	128	12.297	12.285	0.012	96	7773920	500.0	402.7	e
135 1,2,3-Trichlorobenzene	180	12.434	12.434	0.000	97	4134497	500.0	434.6	
S 137 1,2-Dichloroethene, Total	100				0		1000.0	1071.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		1000.0	1113.5	
S 139 Total BTEX	1				0		2500.0	2684.4	

QC Flag Legend

Processing Flags
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

ACROLEIN W_00180	Amount Added:	40.00	Units: uL	
GAS Hi_00489	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00158	Amount Added:	50.00	Units: uL	
Ethanol mix_00098	Amount Added:	50.00	Units: uL	
7 Freons Hi_00024	Amount Added:	50.00	Units: uL	
MIX I Hi_00185	Amount Added:	50.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

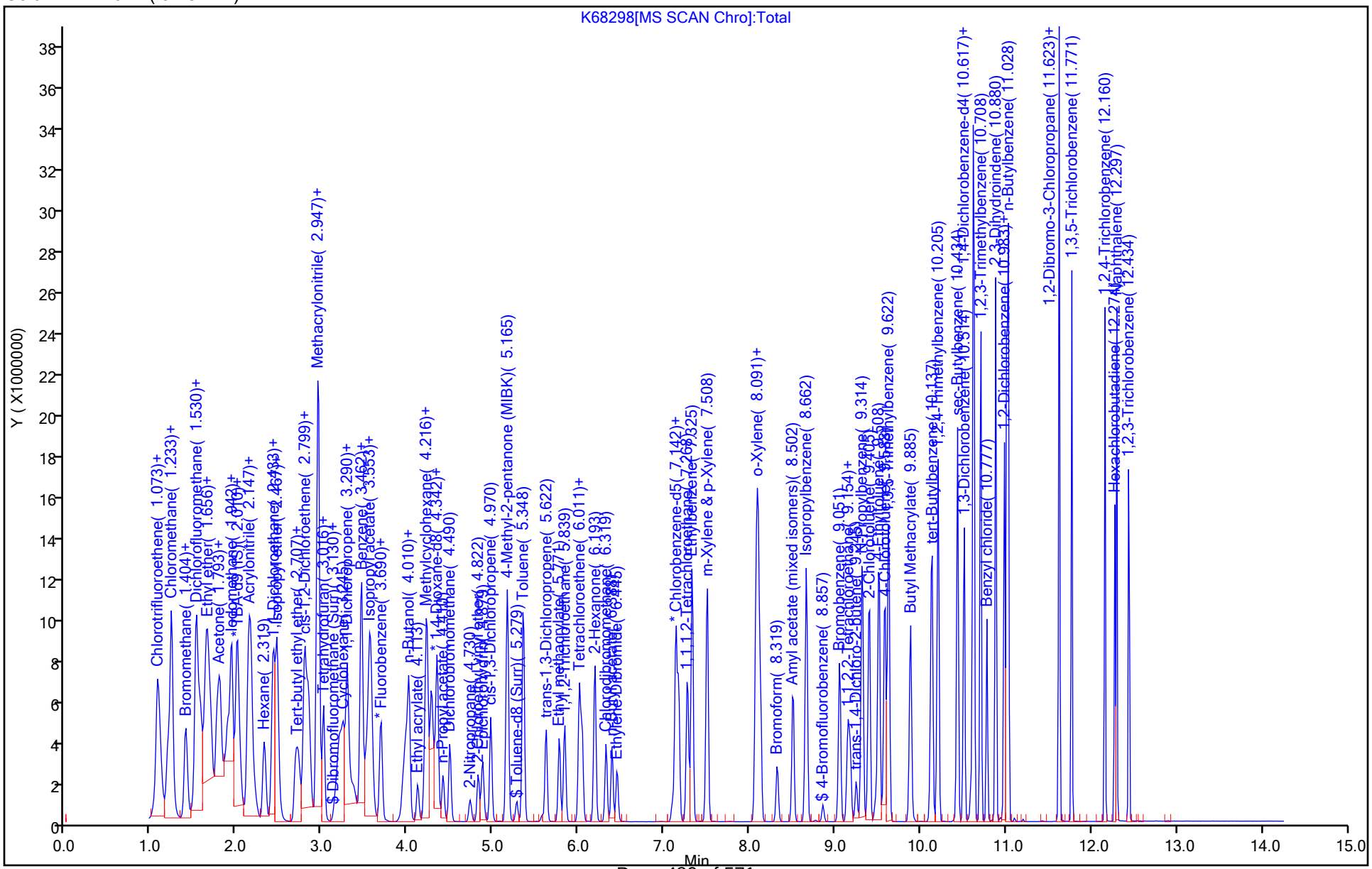
Report Date: 23-Feb-2025 12:54:17 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Injection Date:	20-Feb-2025 15:17:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

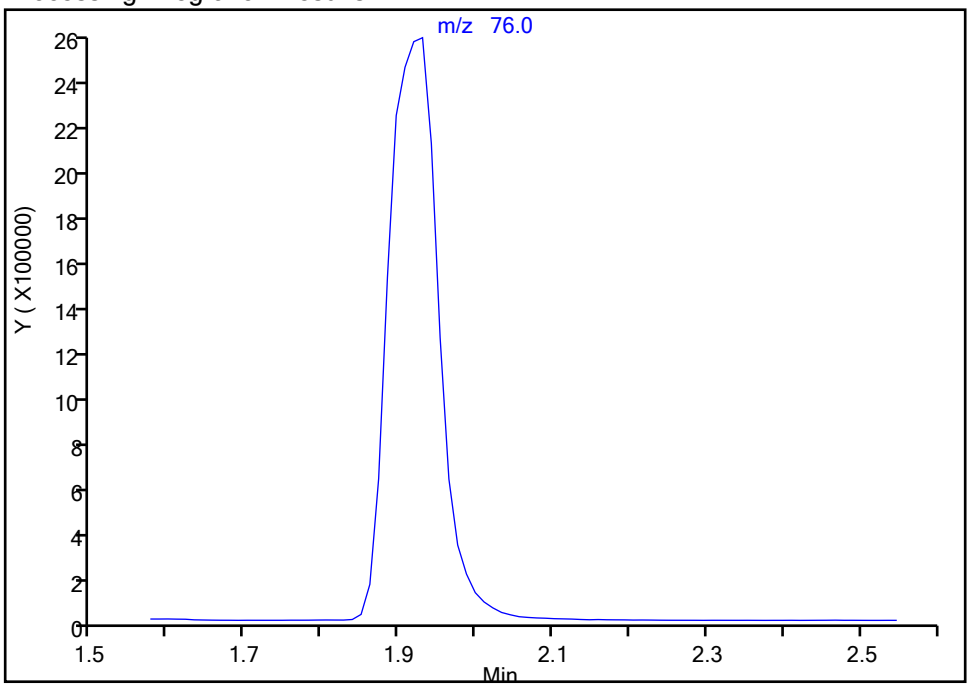
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D
Injection Date: 20-Feb-2025 15:17:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

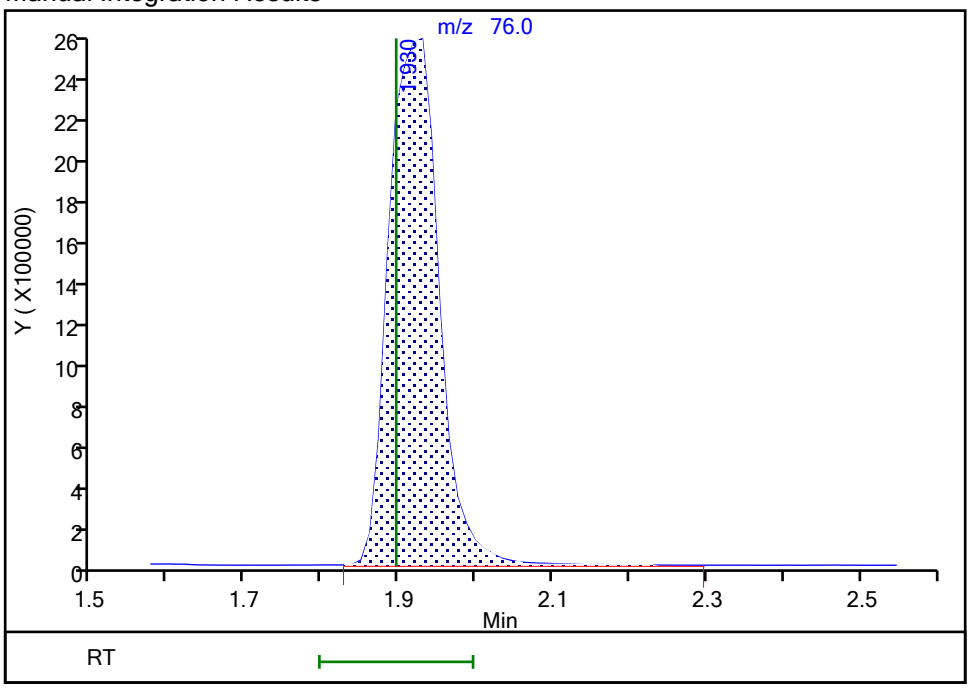
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.93
Area: 11594168
Amount: 609.2415
Amount Units: ug/l



Reviewer: RD6L, 20-Feb-2025 15:42:27 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

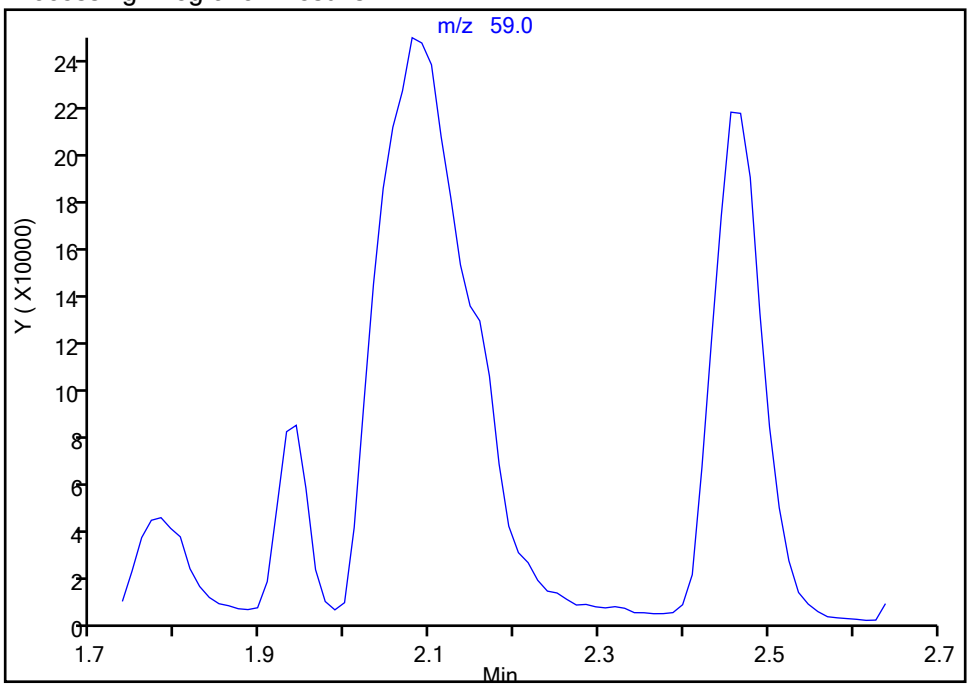
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D
Injection Date: 20-Feb-2025 15:17:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

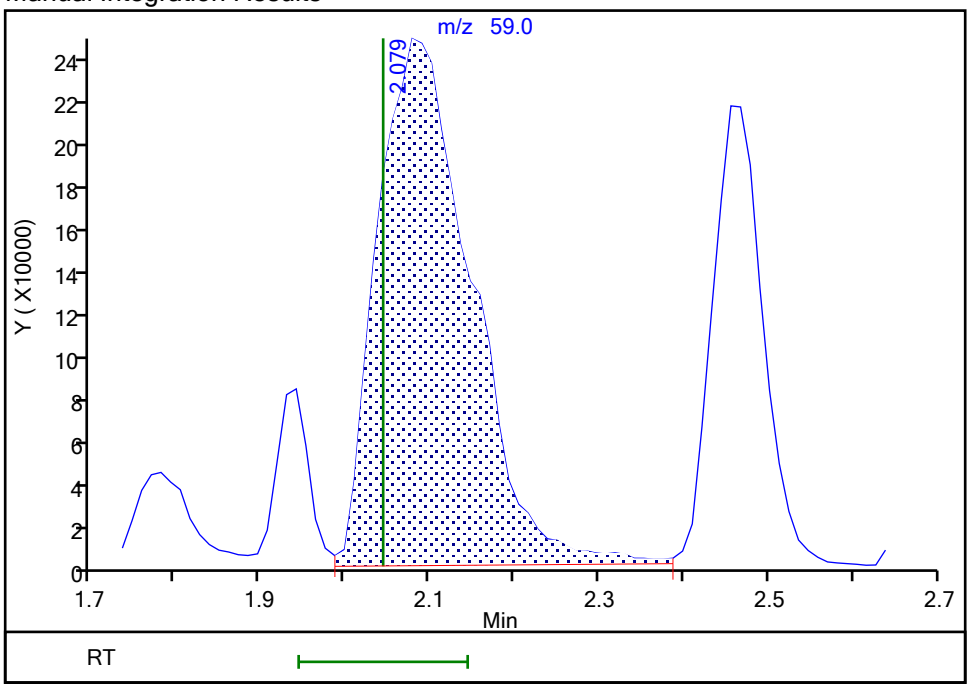
Not Detected
Expected RT: 2.04

Processing Integration Results



Manual Integration Results

RT: 2.08
Area: 1906630
Amount: 2441.5133
Amount Units: ug/l



Reviewer: RD6L, 20-Feb-2025 15:42:35 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

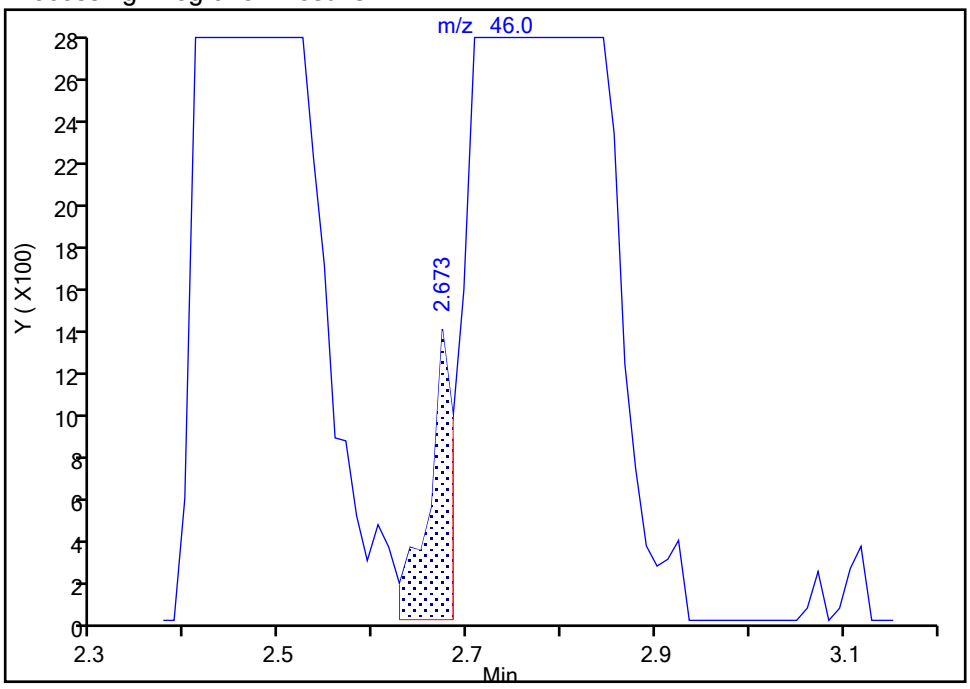
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D
Injection Date: 20-Feb-2025 15:17:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

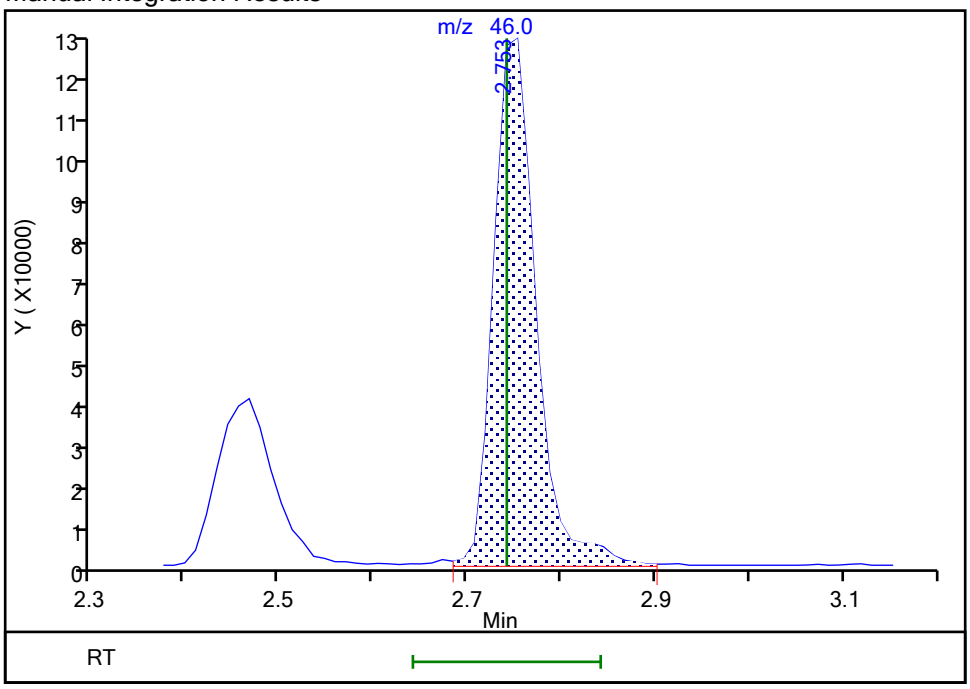
Processing Integration Results

RT: 2.67
Area: 2547
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.75
Area: 398887
Amount: 250.0000
Amount Units: ug/l



Reviewer: RD6L, 20-Feb-2025 15:43:21 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

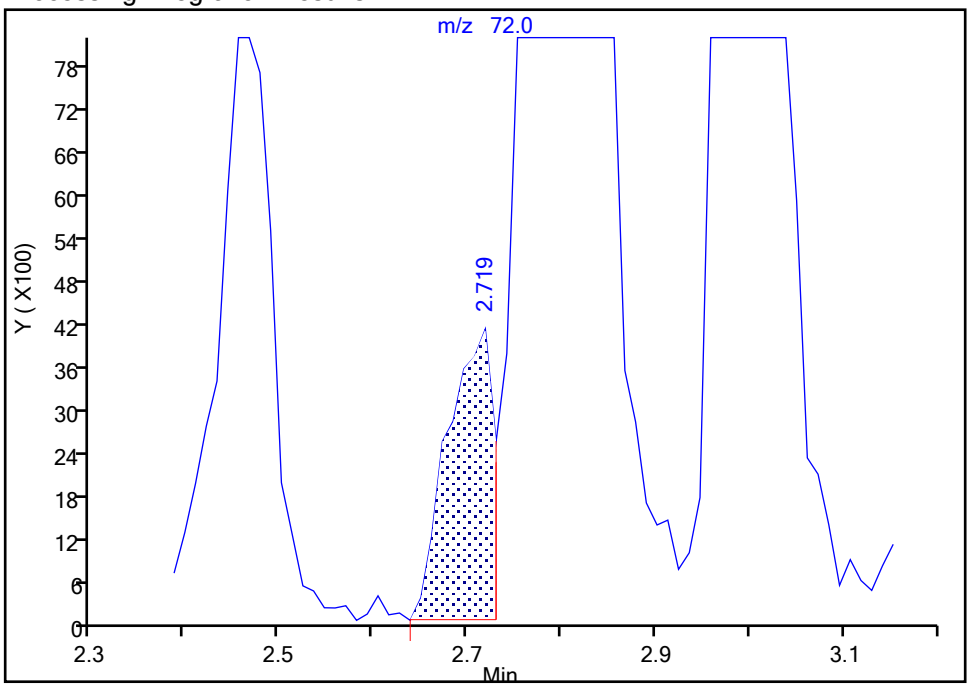
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D
Injection Date: 20-Feb-2025 15:17:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

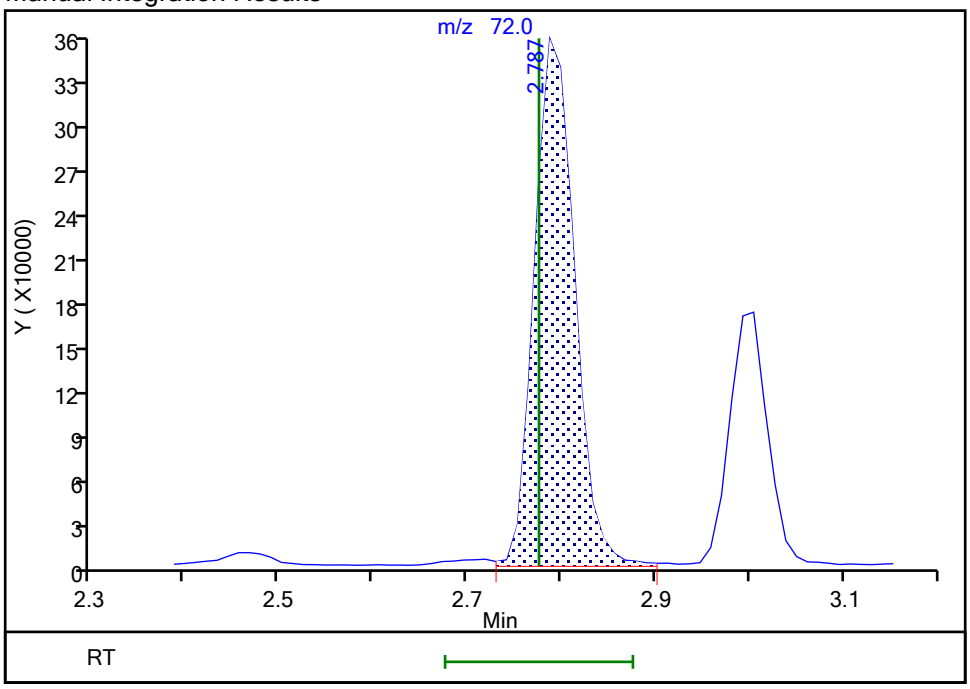
Processing Integration Results

RT: 2.72
Area: 14132
Amount: 38.895429
Amount Units: ug/l



Manual Integration Results

RT: 2.79
Area: 1062450
Amount: 2452.4431
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 16:58:00 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

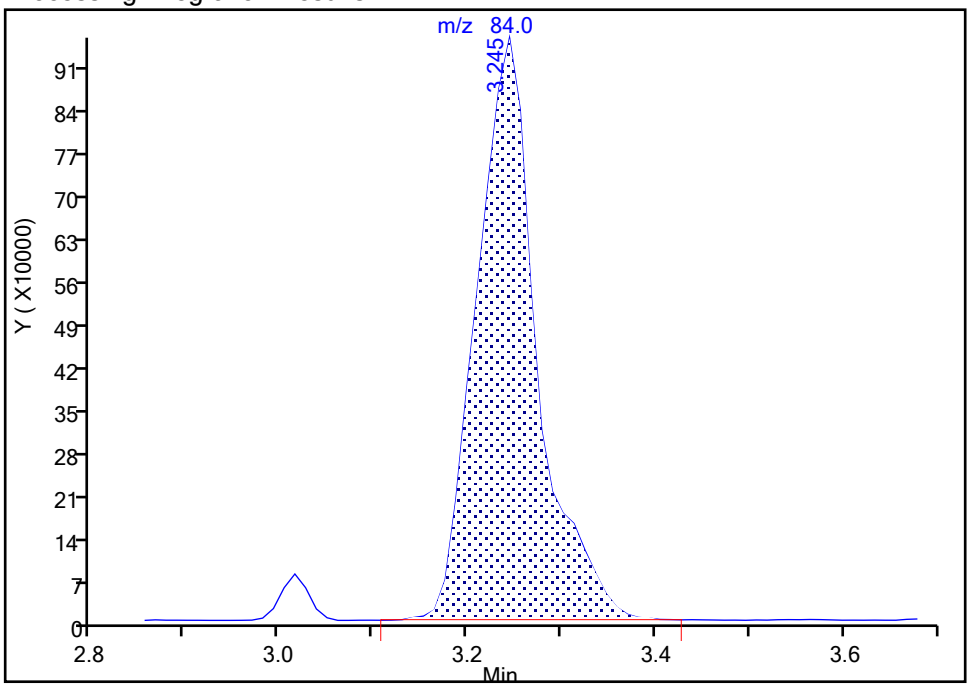
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D
Injection Date: 20-Feb-2025 15:17:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

55 Cyclohexane, CAS: 110-82-7

Signal: 1

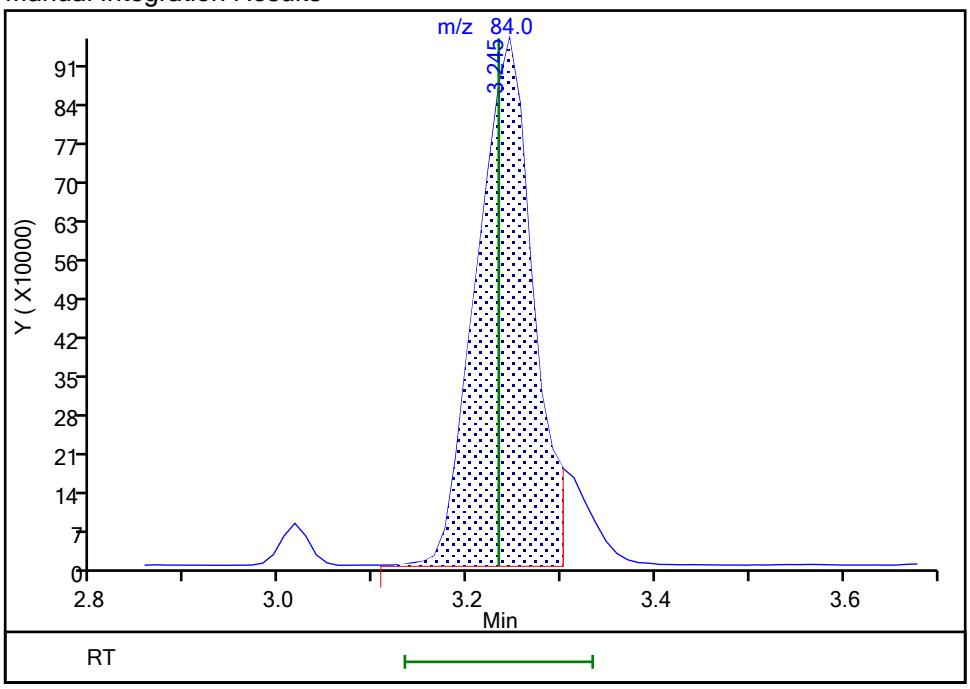
Processing Integration Results

RT: 3.24
Area: 4315210
Amount: 612.3408
Amount Units: ug/l



Manual Integration Results

RT: 3.24
Area: 4012817
Amount: 577.6934
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:16:15 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Lab Sample ID: ICV 460-1022171/17 Calibration Date: 02/20/2025 18:08

Instrument ID: CVOAMS9 Calib Start Date: 02/20/2025 12:28

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/20/2025 15:17

Lab File ID: K68305.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	1.703	1.631		19.2	20.0	-4.2	30.0
Chlorodifluoromethane	Ave	0.0886	0.0655		14.8	20.0	-26.1	30.0
Dichlorodifluoromethane	Ave	0.7937	0.5215	0.1000	13.1	20.0	-34.3*	30.0
Chloromethane	Ave	0.9021	0.7237	0.1000	16.0	20.0	-19.8	30.0
Butadiene	Ave	0.6178	0.5640		18.3	20.0	-8.7	30.0
Vinyl chloride	Ave	0.5487	0.5045	0.1000	18.4	20.0	-8.1	30.0
Bromomethane	Ave	0.3976	0.3324	0.1000	16.7	20.0	-16.4	30.0
Chloroethane	Ave	0.2996	0.2646	0.1000	17.7	20.0	-11.7	30.0
Dichlorofluoromethane	Ave	0.7566	0.7189		19.0	20.0	-5.0	30.0
Pentane	Ave	0.0725	0.0690		38.1	40.0	-4.8	30.0
Trichlorofluoromethane	Ave	0.5584	0.5241	0.1000	18.8	20.0	-6.1	30.0
Ethanol	Ave	0.0457	0.0380		665	800	-16.9	30.0
Ethyl ether	Lin2		0.2161		20.5	20.0	2.6	30.0
2-Methyl-1,3-butadiene	Ave	0.2482	0.2393		19.3	20.0	-3.6	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3202	0.2926		18.3	20.0	-8.6	30.0
Acrolein	Ave	0.5727	0.6754		46.6	39.5	17.9	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4913	0.4863		19.8	20.0	-1.0	30.0
1,1-Dichloroethene	Ave	0.2964	0.3003	0.1000	20.3	20.0	1.3	30.0
Acetone	Ave	0.2779	0.2457	0.0500	88.4	100	-11.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3506	0.3722	0.1000	21.2	20.0	6.1	30.0
Isopropyl alcohol	Ave	0.4688	0.4742		202	200	1.1	30.0
Iodomethane	Ave	0.5947	0.5907		19.9	20.0	-0.7	30.0
3-Chloro-1-propene	Ave	1.086	1.146		21.1	20.0	5.5	30.0
Carbon disulfide	Ave	1.084	1.146	0.1000	21.1	20.0	5.6	30.0
Acetonitrile	QuaF		0.8172		255	200	27.6	30.0
Methyl acetate	QuaF		6.972	0.0500	49.5	40.0	23.8	30.0
Cyclopentene	QuaF		0.5385		15.6	20.0	-22.2	30.0
Methylene Chloride	Ave	0.3224	0.2990	0.1000	18.5	20.0	-7.3	30.0
2-Methyl-2-propanol	Ave	0.9038	0.9749		216	200	7.9	30.0
Acrylonitrile	Ave	0.0853	0.0832		195	200	-2.5	30.0
Methyl tert-butyl ether	Ave	0.7985	0.7681	0.1000	19.2	20.0	-3.8	30.0
trans-1,2-Dichloroethene	Ave	0.2707	0.2745	0.1000	20.3	20.0	1.4	30.0
Hexane	Ave	0.2925	0.3181		21.8	20.0	8.8	30.0
1,1-Dichloroethane	Ave	0.4380	0.4319	0.2000	19.7	20.0	-1.4	30.0
Vinyl acetate	Ave	0.5021	0.5339		42.5	40.0	6.3	30.0
Isopropyl ether	Ave	0.7971	0.7379		18.5	20.0	-7.4	30.0
2-Chloro-1,3-butadiene	Ave	0.2291	0.2305		20.1	20.0	0.6	30.0
Tert-butyl ethyl ether	QuaF		0.8173		20.5	20.0	2.7	30.0
2-Butanone (MEK)	Ave	0.2715	0.2626	0.0500	96.7	100	-3.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Lab Sample ID: ICV 460-1022171/17 Calibration Date: 02/20/2025 18:08

Instrument ID: CVOAMS9 Calib Start Date: 02/20/2025 12:28

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/20/2025 15:17

Lab File ID: K68305.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2810	0.2847	0.1000	20.3	20.0	1.3	30.0
Ethyl acetate	Ave	4.726	4.389		37.2	40.0	-7.1	30.0
2,2-Dichloropropane	Ave	0.1021	0.0816		16.0	20.0	-20.1	30.0
Propionitrile	Ave	1.282	1.348		210	200	5.1	30.0
Methyl acrylate	Ave	0.2202	0.2186		19.9	20.0	-0.7	30.0
Methacrylonitrile	Ave	0.0887	0.0841		190	200	-5.1	30.0
Chlorobromomethane	Ave	0.1515	0.1395		18.4	20.0	-7.9	30.0
Tetrahydrofuran	Ave	0.7244	0.5920		32.7	40.0	-18.3	30.0
Chloroform	Ave	0.4312	0.4276	0.2000	19.8	20.0	-0.8	30.0
1,1,1-Trichloroethane	Ave	0.4222	0.4211	0.1000	19.9	20.0	-0.3	30.0
Cyclohexane	Ave	0.3965	0.4367	0.1000	22.0	20.0	10.1	30.0
1,1-Dichloropropene	Ave	0.3116	0.2959		19.0	20.0	-5.0	30.0
Carbon tetrachloride	Ave	0.3557	0.3448	0.1000	19.4	20.0	-3.0	30.0
Isobutyl alcohol	Ave	0.3133	0.3498		558	500	11.6	30.0
1,2-Dichloroethane	Ave	0.3119	0.2844	0.1000	18.2	20.0	-8.8	30.0
Benzene	Ave	1.391	1.314	0.5000	18.9	20.0	-5.5	30.0
Isopropyl acetate	Ave	0.0896	0.0735		16.4	20.0	-18.0	30.0
Isooctane	Qua2		0.7452		20.5	20.0	2.5	30.0
Tert-amyl methyl ether	Ave	0.7331	0.7056		19.2	20.0	-3.8	30.0
n-Heptane	Ave	0.2548	0.2565		20.1	20.0	0.7	30.0
n-Butanol	Ave	0.1619	0.1453		449	500	-10.2	30.0
Trichloroethene	Ave	0.2498	0.2364	0.2000	18.9	20.0	-5.4	30.0
Ethyl acrylate	Ave	0.2320	0.1900		16.4	20.0	-18.1	30.0
Methylcyclohexane	Ave	0.4252	0.4446	0.1000	20.9	20.0	4.6	30.0
1,2-Dichloropropane	Ave	0.2495	0.2263	0.1000	18.1	20.0	-9.3	30.0
Dibromomethane	Ave	0.1566	0.1504		19.2	20.0	-4.0	30.0
1,4-Dioxane	Ave	0.8755	0.8471		387	400	-3.2	30.0
Methyl methacrylate	Ave	0.0563	0.0506		36.0	40.0	-10.0	30.0
n-Propyl acetate	Ave	0.2517	0.2357		18.7	20.0	-6.4	30.0
Dichlorobromomethane	QuaF		0.2741	0.2000	18.6	20.0	-6.9	30.0
2-Nitropropane	Qua2		0.0342		39.4	40.0	-1.5	30.0
2-Chloroethyl vinyl ether	Ave	0.1445	0.1205		16.7	20.0	-16.6	30.0
Epichlorohydrin	Ave	0.2143	0.2390		22.3	20.0	11.5	30.0
cis-1,3-Dichloropropene	Ave	0.4527	0.3921	0.2000	17.3	20.0	-13.4	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.310	2.195	0.0500	95.0	100	-5.0	30.0
Toluene	Ave	1.348	1.283	0.4000	19.0	20.0	-4.8	30.0
trans-1,3-Dichloropropene	Ave	0.3963	0.3813	0.1000	19.2	20.0	-3.8	30.0
Ethyl methacrylate	Ave	0.3559	0.3108		17.5	20.0	-12.7	30.0
1,1,2-Trichloroethane	Ave	0.2205	0.2114	0.1000	19.2	20.0	-4.1	30.0
Tetrachloroethene	Lin2		0.3529	0.2000	20.6	20.0	3.1	30.0
1,3-Dichloropropane	Ave	0.4460	0.4239		19.0	20.0	-5.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Lab Sample ID: ICV 460-1022171/17 Calibration Date: 02/20/2025 18:08

Instrument ID: CVOAMS9 Calib Start Date: 02/20/2025 12:28

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/20/2025 15:17

Lab File ID: K68305.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.400	1.346	0.0500	96.2	100	-3.8	30.0
Chlorodibromomethane	Ave	0.3344	0.2903	0.1000	17.4	20.0	-13.2	30.0
n-Butyl acetate	Ave	0.3896	0.3309		17.0	20.0	-15.0	30.0
Ethylene Dibromide	Ave	0.2877	0.2738	0.1000	19.0	20.0	-4.8	30.0
Chlorobenzene	Ave	0.8724	0.8693	0.5000	19.9	20.0	-0.4	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3628	0.3418		18.8	20.0	-5.8	30.0
Ethylbenzene	Ave	0.4816	0.4660	0.1000	19.4	20.0	-3.2	30.0
m-Xylene & p-Xylene	Ave	0.5745	0.5770	0.1000	20.1	20.0	0.4	30.0
o-Xylene	Ave	0.6084	0.5841	0.3000	19.2	20.0	-4.0	30.0
Styrene	Ave	0.9301	0.9164	0.3000	19.7	20.0	-1.5	30.0
n-Butyl acrylate	Ave	0.2321	0.2020		17.4	20.0	-13.0	30.0
Bromoform	Ave	0.1939	0.1747	0.1000	18.0	20.0	-9.9	30.0
Amyl acetate (mixed isomers)	Ave	0.8493	0.7605		17.9	20.0	-10.5	30.0
Isopropylbenzene	Ave	1.456	1.638	0.1000	22.5	20.0	12.4	30.0
Bromobenzene	Ave	0.6972	0.6933		19.9	20.0	-0.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6796	0.6123	0.3000	18.0	20.0	-9.9	30.0
1,2,3-Trichloropropane	Ave	0.4530	0.4448		19.6	20.0	-1.8	30.0
trans-1,4-Dichloro-2-butene	QuaF		0.0839		13.2	20.0	-34.2*	30.0
N-Propylbenzene	Ave	2.989	3.091		20.7	20.0	3.4	30.0
2-Chlorotoluene	Ave	1.779	1.840		20.7	20.0	3.4	30.0
4-Ethyltoluene	Ave	2.555	2.516		19.7	20.0	-1.5	30.0
4-Chlorotoluene	Ave	1.803	1.714		19.0	20.0	-4.9	30.0
1,3,5-Trimethylbenzene	Ave	2.265	2.277		20.1	20.0	0.5	30.0
Butyl Methacrylate	Ave	0.7345	0.6804		18.5	20.0	-7.4	30.0
tert-Butylbenzene	Ave	1.882	1.920		20.4	20.0	2.1	30.0
1,2,4-Trimethylbenzene	Ave	2.362	2.321		19.7	20.0	-1.7	30.0
sec-Butylbenzene	Ave	2.941	2.954		20.1	20.0	0.5	30.0
1,3-Dichlorobenzene	Ave	1.356	1.344	0.6000	19.8	20.0	-0.9	30.0
1,4-Dichlorobenzene	Ave	1.440	1.346	0.5000	18.7	20.0	-6.5	30.0
4-Isopropyltoluene	Ave	2.736	2.631		19.2	20.0	-3.8	30.0
1,2,3-Trimethylbenzene	Ave	2.606	2.576		19.8	20.0	-1.1	30.0
Benzyl chloride	Qua2		0.1703		16.8	20.0	-16.1	30.0
Indan	Ave	2.419	2.427		20.1	20.0	0.3	30.0
1,2-Dichlorobenzene	Ave	1.389	1.350	0.4000	19.4	20.0	-2.8	30.0
p-Diethylbenzene	Ave	1.614	1.538		19.1	20.0	-4.7	30.0
n-Butylbenzene	Ave	1.327	1.301		19.6	20.0	-2.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1556	0.1286	0.0500	16.5	20.0	-17.4	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.504	2.582		20.6	20.0	3.1	30.0
1,3,5-Trichlorobenzene	Ave	1.237	1.192		19.3	20.0	-3.6	30.0
1,2,4-Trichlorobenzene	Ave	1.097	1.151	0.2000	21.0	20.0	4.9	30.0
Hexachlorobutadiene	Ave	0.4107	0.4207		20.5	20.0	2.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Lab Sample ID: ICV 460-1022171/17 Calibration Date: 02/20/2025 18:08

Instrument ID: CVOAMS9 Calib Start Date: 02/20/2025 12:28

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/20/2025 15:17

Lab File ID: K68305.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.327	2.401		20.6	20.0	3.2	30.0
1,2,3-Trichlorobenzene	Ave	1.147	1.094		19.1	20.0	-4.6	30.0
Dibromofluoromethane (Surr)	Ave	0.2700	0.2625		48.6	50.0	-2.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2601	0.2475		47.6	50.0	-4.8	30.0
Toluene-d8 (Surr)	Ave	1.234	1.227		49.7	50.0	-0.6	30.0
4-Bromofluorobenzene	Ave	0.4254	0.4204		49.4	50.0	-1.2	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68305.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 20-Feb-2025 18:08:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0187106-017
Operator ID: Instrument ID: CVOAMS9
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 12:54:17 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: KG2Q Date: 21-Feb-2025 09:05:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.062	1.062	0.000	53	42997	20.0	19.2	
5 Chlorodifluoromethane	67	1.084	1.084	0.000	94	20939	20.0	14.8	
3 Dichlorodifluoromethane	85	1.084	1.084	0.000	50	166766	20.0	13.1	M
6 Chloromethane	50	1.187	1.199	-0.012	99	231420	20.0	16.0	
8 Butadiene	54	1.233	1.233	0.000	94	180348	20.0	18.3	
7 Vinyl chloride	62	1.244	1.244	0.000	97	161323	20.0	18.4	
9 Bromomethane	94	1.393	1.404	-0.011	100	106291	20.0	16.7	
10 Chloroethane	64	1.416	1.416	0.000	98	84610	20.0	17.7	
11 Dichlorofluoromethane	67	1.519	1.519	0.000	99	229877	20.0	19.0	
13 Pentane	57	1.530	1.530	0.000	97	44142	40.0	38.1	
12 Trichlorofluoromethane	101	1.553	1.564	-0.011	96	167596	20.0	18.8	
15 Ethyl ether	59	1.622	1.622	0.000	97	69103	20.0	20.5	
14 Ethanol	46	1.622	1.622	0.000	60	9959	800.0	665.2	
17 2-Methyl-1,3-butadiene	53	1.645	1.656	-0.012	86	76520	20.0	19.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.667	1.656	0.011	83	93563	20.0	18.3	
19 Acrolein	56	1.679	1.690	-0.011	30	8746	39.5	46.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.690	1.702	-0.012	89	155512	20.0	19.8	
20 1,1-Dichloroethene	96	1.759	1.759	0.000	98	96025	20.0	20.3	
22 Acetone	58	1.759	1.759	0.000	70	32389	100.0	88.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.805	1.804	0.001	98	119001	20.0	21.2	
24 Isopropyl alcohol	45	1.827	1.816	0.011	29	31090	200.0	202.3	
23 Iodomethane	142	1.850	1.850	0.000	98	188884	20.0	19.9	
27 3-Chloro-1-propene	76	1.896	1.896	0.000	87	366589	20.0	21.1	a
25 Carbon disulfide	76	1.896	1.896	0.000	99	366289	20.0	21.1	
26 Acetonitrile	40	1.930	1.930	0.000	79	53581	200.0	255.2	M
28 Methyl acetate	43	1.930	1.942	-0.012	65	91419	40.0	49.5	
29 Cyclopentene	67	1.999	1.999	0.000	87	172199	20.0	15.6	
30 Methylene Chloride	84	2.010	2.010	0.000	90	95614	20.0	18.5	
* 31 TBA-d9 (IS)	65	1.999	2.033	-0.034	81	327828	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.079	2.044	0.035	91	63918	200.0	215.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.125	2.136	-0.011	97	265967	200.0	195.0	
34 trans-1,2-Dichloroethene	96	2.159	2.159	0.000	92	87782	20.0	20.3	
35 Methyl tert-butyl ether	73	2.159	2.170	-0.011	89	245606	20.0	19.2	
36 Hexane	57	2.319	2.330	-0.011	92	101729	20.0	21.8	
37 1,1-Dichloroethane	63	2.410	2.410	0.000	99	138099	20.0	19.7	
38 Vinyl acetate	86	2.422	2.422	0.000	100	28149	40.0	42.5	
39 Isopropyl ether	45	2.445	2.456	-0.011	87	235960	20.0	18.5	
40 2-Chloro-1,3-butadiene	88	2.467	2.467	0.000	88	73693	20.0	20.1	
41 Tert-butyl ethyl ether	59	2.685	2.696	-0.011	89	261340	20.0	20.5	
* 43 2-Butanone-d5	46	2.742	2.742	0.000	99	329506	250.0	250.0	
46 2-Butanone (MEK)	72	2.776	2.776	0.000	96	34610	100.0	96.7	
45 cis-1,2-Dichloroethene	96	2.787	2.787	0.000	97	91049	20.0	20.3	
44 2,2-Dichloropropane	97	2.822	2.810	0.012	71	26102	20.0	16.0	M
47 Ethyl acetate	43	2.787	2.822	-0.035	98	231407	40.0	37.2	a
42 Propionitrile	54	2.822	2.822	0.000	93	88380	200.0	210.3	
48 Methyl acrylate	55	2.845	2.856	-0.011	98	69888	20.0	19.9	
50 Methacrylonitrile	67	2.936	2.936	0.000	91	269045	200.0	189.7	
49 Chlorobromomethane	128	2.959	2.959	0.000	80	44616	20.0	18.4	
51 Tetrahydrofuran	42	2.993	2.993	0.000	33	31210	40.0	32.7	
52 Chloroform	83	3.016	3.016	0.000	99	136741	20.0	19.8	
$ 53 Dibromofluoromethane (Surr)	113	3.130	3.130	0.000	97	209815	50.0	48.6	
54 1,1,1-Trichloroethane	97	3.176	3.176	0.000	95	134656	20.0	19.9	
55 Cyclohexane	84	3.222	3.233	-0.011	91	139631	20.0	22.0	M
57 1,1-Dichloropropene	75	3.279	3.279	0.000	98	94611	20.0	19.0	
56 Carbon tetrachloride	117	3.302	3.302	0.000	96	110263	20.0	19.4	
61 Isobutyl alcohol	43	3.359	3.359	0.000	97	57341	500.0	558.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.393	0.000	98	197856	50.0	47.6	
59 Benzene	78	3.450	3.450	0.000	93	304903	20.0	18.9	
60 1,2-Dichloroethane	62	3.450	3.462	-0.012	93	90936	20.0	18.2	
63 Isopropyl acetate	61	3.496	3.507	-0.011	65	23508	20.0	16.4	
62 Isooctane	57	3.530	3.530	0.000	95	238265	20.0	20.5	
64 Tert-amyl methyl ether	73	3.553	3.542	0.011	91	225609	20.0	19.2	
* 65 Fluorobenzene	96	3.679	3.679	0.000	99	799384	50.0	50.0	
66 n-Heptane	43	3.679	3.679	0.000	83	82013	20.0	20.1	
68 n-Butanol	56	3.942	3.942	0.000	43	23822	500.0	448.8	
67 Trichloroethene	95	4.010	4.010	0.000	96	75587	20.0	18.9	
69 Ethyl acrylate	55	4.113	4.113	0.000	99	60743	20.0	16.4	
70 Methylcyclohexane	83	4.205	4.205	0.000	96	142170	20.0	20.9	
71 1,2-Dichloropropane	63	4.216	4.216	0.000	93	72356	20.0	18.1	
* 72 1,4-Dioxane-d8	96	4.296	4.285	0.011	73	32276	1000.0	1000.0	
73 Dibromomethane	93	4.319	4.330	-0.011	93	48089	20.0	19.2	
75 Methyl methacrylate	100	4.342	4.342	0.000	90	32383	40.0	36.0	
74 1,4-Dioxane	88	4.342	4.353	-0.011	29	10936	400.0	387.0	
76 n-Propyl acetate	43	4.410	4.410	0.000	99	75355	20.0	18.7	
77 Dichlorobromomethane	83	4.491	4.490	0.000	97	87633	20.0	18.6	
78 2-Nitropropane	41	4.731	4.719	0.012	98	21886	40.0	39.4	
79 2-Chloroethyl vinyl ether	63	4.822	4.822	0.000	95	38538	20.0	16.7	
80 Epichlorohydrin	57	4.868	4.868	0.000	14	6300	20.0	22.3	
81 cis-1,3-Dichloropropene	75	4.971	4.970	0.001	90	90961	20.0	17.3	
82 4-Methyl-2-pentanone (MIBK)	43	5.153	5.153	0.000	96	289336	100.0	95.0	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	100	711571	50.0	49.7	
84 Toluene	91	5.348	5.348	0.000	94	297727	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.611	5.611	0.000	95	88454	20.0	19.2	
86 Ethyl methacrylate	69	5.771	5.771	0.000	90	72090	20.0	17.5	
87 1,1,2-Trichloroethane	83	5.828	5.828	0.000	96	49042	20.0	19.2	
88 Tetrachloroethene	166	5.999	5.999	0.000	97	81869	20.0	20.6	
89 1,3-Dichloropropane	76	6.034	6.033	0.001	91	98326	20.0	19.0	
90 2-Hexanone	43	6.182	6.182	0.000	97	177395	100.0	96.2	
91 Chlorodibromomethane	129	6.308	6.319	-0.011	97	67336	20.0	17.4	
92 n-Butyl acetate	43	6.388	6.388	0.000	99	76769	20.0	17.0	
93 Ethylene Dibromide	107	6.445	6.445	0.000	98	63522	20.0	19.0	
* 94 Chlorobenzene-d5	117	7.096	7.096	0.000	83	579915	50.0	50.0	
95 Chlorobenzene	112	7.131	7.131	0.000	96	201642	20.0	19.9	
96 1,1,1,2-Tetrachloroethane	131	7.268	7.268	0.000	96	79284	20.0	18.8	
97 Ethylbenzene	106	7.325	7.325	0.000	97	108107	20.0	19.4	
98 m-Xylene & p-Xylene	106	7.497	7.496	0.000	96	133840	20.0	20.1	
99 o-Xylene	106	8.068	8.068	0.000	93	135485	20.0	19.2	
100 Styrene	104	8.091	8.091	0.000	96	212578	20.0	19.7	
101 n-Butyl acrylate	73	8.125	8.125	0.000	97	46848	20.0	17.4	
102 Bromoform	173	8.319	8.319	0.000	96	40525	20.0	18.0	
103 Amyl acetate (mixed isomers)	43	8.502	8.502	0.000	91	103218	20.0	17.9	
104 Isopropylbenzene	105	8.651	8.651	0.000	95	379872	20.0	22.5	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	97	243813	50.0	49.4	
106 Bromobenzene	156	9.051	9.051	0.000	93	94099	20.0	19.9	
107 1,1,2,2-Tetrachloroethane	83	9.142	9.142	0.000	98	83100	20.0	18.0	
108 1,2,3-Trichloropropane	75	9.165	9.165	0.000	97	60370	20.0	19.6	
109 trans-1,4-Dichloro-2-butene	75	9.234	9.234	0.000	87	11384	20.0	13.2	
110 N-Propylbenzene	91	9.302	9.302	0.000	99	419566	20.0	20.7	
111 2-Chlorotoluene	91	9.382	9.382	0.000	96	249701	20.0	20.7	
112 4-Ethyltoluene	105	9.497	9.497	0.000	99	341439	20.0	19.7	
113 4-Chlorotoluene	91	9.565	9.565	0.000	97	232684	20.0	19.0	
114 1,3,5-Trimethylbenzene	105	9.611	9.611	0.000	93	308984	20.0	20.1	
115 Butyl Methacrylate	87	9.874	9.874	0.000	88	92339	20.0	18.5	
116 tert-Butylbenzene	119	10.125	10.125	0.000	96	260610	20.0	20.4	
117 1,2,4-Trimethylbenzene	105	10.194	10.194	0.000	96	314962	20.0	19.7	
118 sec-Butylbenzene	105	10.423	10.422	0.001	99	400923	20.0	20.1	
119 1,3-Dichlorobenzene	146	10.503	10.502	0.001	98	182386	20.0	19.8	
* 120 1,4-Dichlorobenzene-d4	152	10.583	10.582	0.001	93	339295	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.605	10.605	0.000	96	182684	20.0	18.7	
122 4-Isopropyltoluene	119	10.617	10.617	0.000	98	357064	20.0	19.2	
123 1,2,3-Trimethylbenzene	105	10.697	10.697	0.000	98	349637	20.0	19.8	
124 Benzyl chloride	126	10.765	10.777	-0.012	99	23106	20.0	16.8	
125 2,3-Dihydroindene	117	10.868	10.880	-0.012	94	329341	20.0	20.1	
126 1,2-Dichlorobenzene	146	10.971	10.971	0.000	98	183263	20.0	19.4	
127 p-Diethylbenzene	119	11.005	11.005	0.000	96	208764	20.0	19.1	
128 n-Butylbenzene	92	11.017	11.017	0.000	96	176632	20.0	19.6	
129 1,2-Dibromo-3-Chloropropane	157	11.611	11.611	0.000	93	17453	20.0	16.5	
130 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	98	350424	20.0	20.6	
131 1,3,5-Trichlorobenzene	180	11.760	11.760	0.000	97	161782	20.0	19.3	
132 1,2,4-Trichlorobenzene	180	12.148	12.160	-0.012	93	156254	20.0	21.0	
133 Hexachlorobutadiene	225	12.274	12.274	0.000	96	57100	20.0	20.5	
134 Naphthalene	128	12.286	12.285	0.001	99	325881	20.0	20.6	
135 1,2,3-Trichlorobenzene	180	12.434	12.434	0.000	96	148494	20.0	19.1	
S 137 1,2-Dichloroethene, Total	100				0		40.0	40.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	39.3	
S 139 Total BTEX	1				0		100.0	96.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00610	Amount Added:	20.00	Units: uL	
7 Freons SS_00024	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00174	Amount Added:	4.00	Units: uL	
8260 SP_00189	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

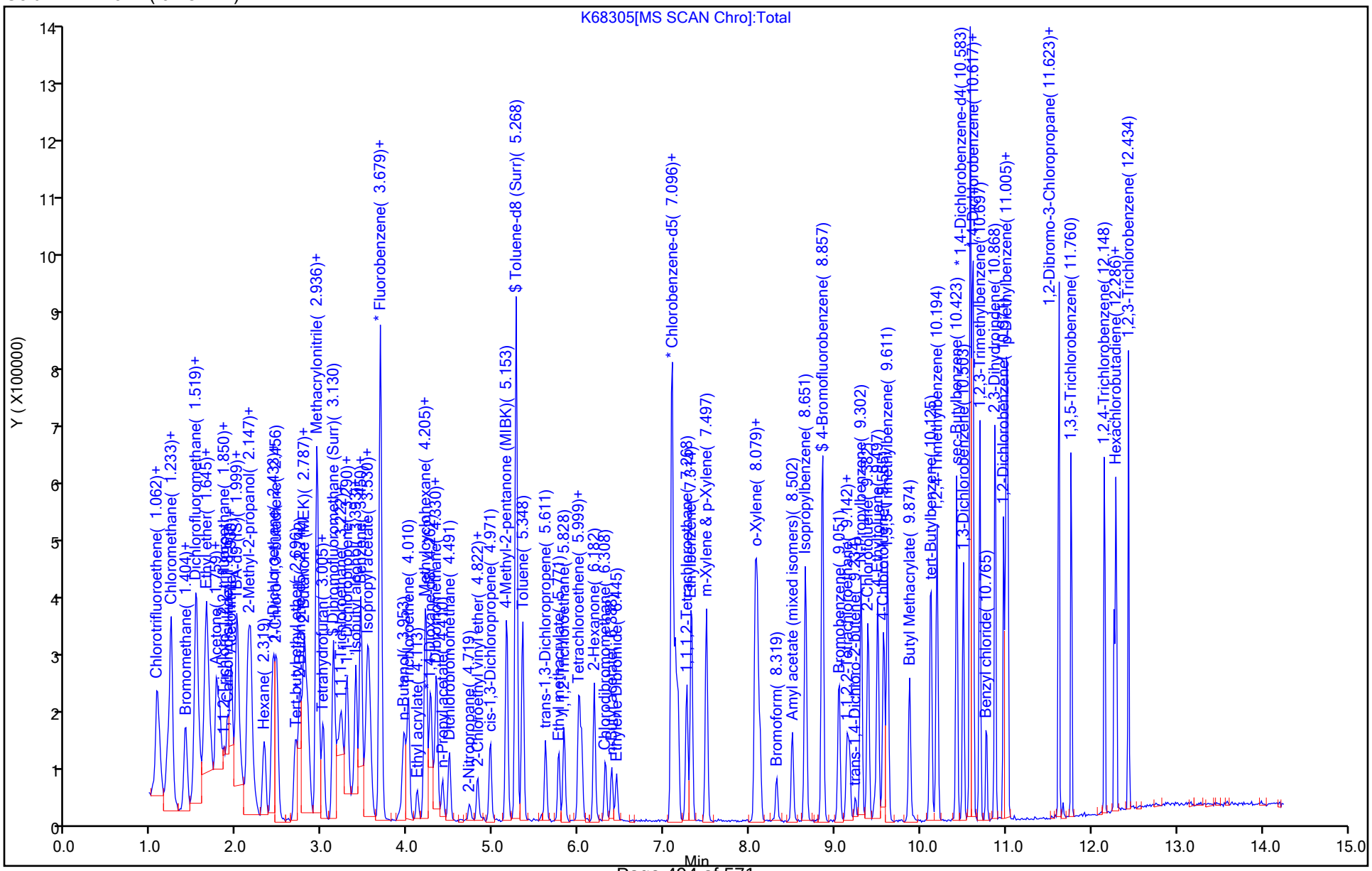
Report Date: 23-Feb-2025 12:54:51 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68305.D

Injection Date:	20-Feb-2025 18:08:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	17
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

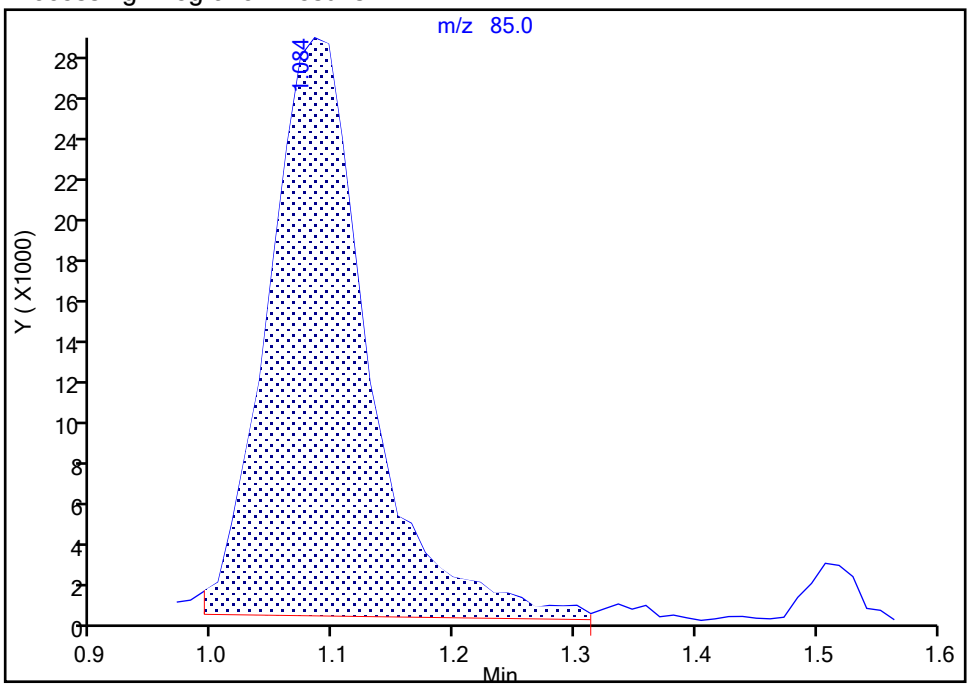
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68305.D
Injection Date: 20-Feb-2025 18:08:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

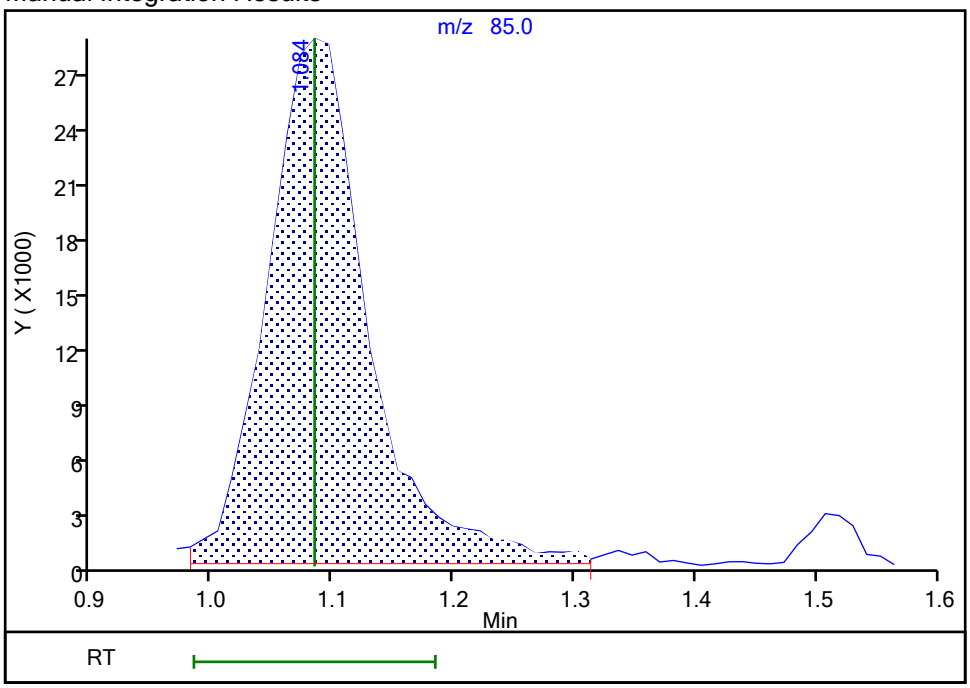
Processing Integration Results

RT: 1.08
Area: 162826
Amount: 12.832190
Amount Units: ug/l



Manual Integration Results

RT: 1.08
Area: 166766
Amount: 13.142699
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:51:21 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

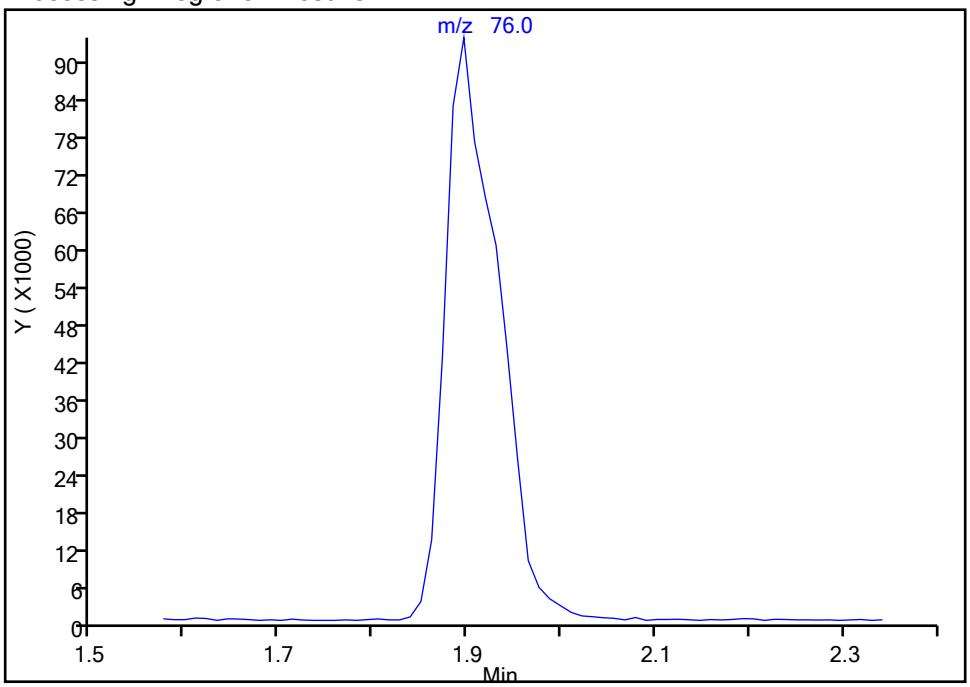
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68305.D
Injection Date: 20-Feb-2025 18:08:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

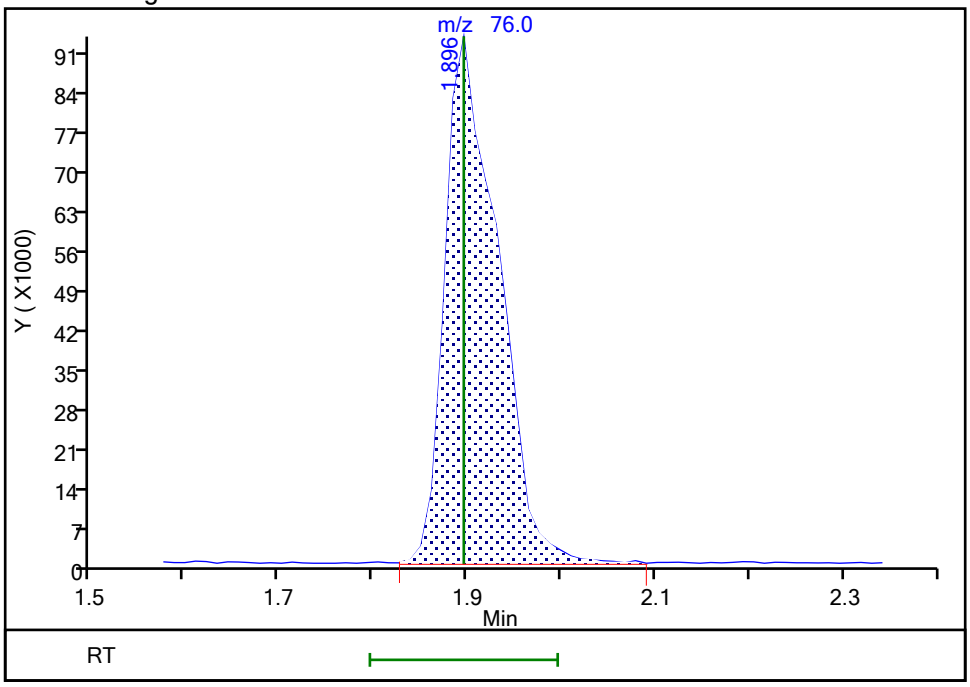
Not Detected
Expected RT: 1.90

Processing Integration Results



Manual Integration Results

RT: 1.90
Area: 366589
Amount: 21.106248
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:48:17 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

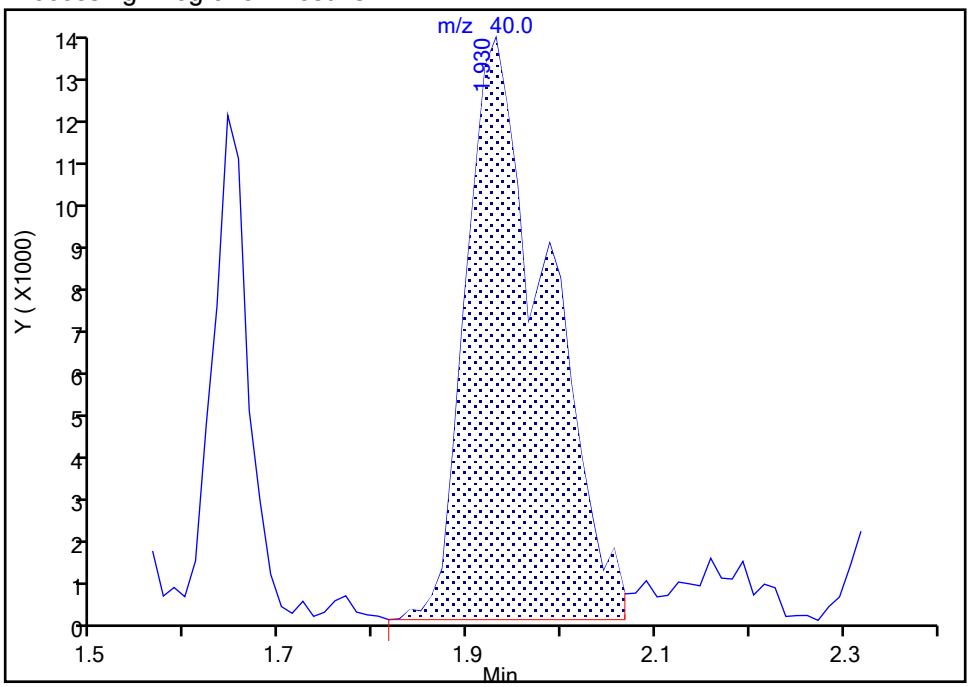
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68305.D
Injection Date: 20-Feb-2025 18:08:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Signal: 1

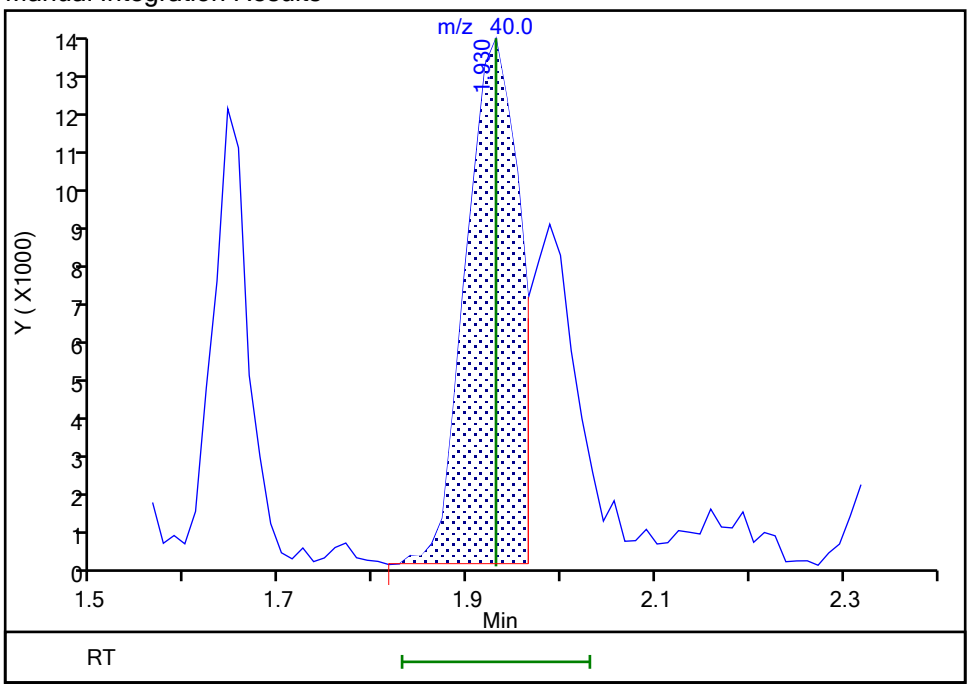
Processing Integration Results

RT: 1.93
Area: 80393
Amount: 330.4438
Amount Units: ug/l



Manual Integration Results

RT: 1.93
Area: 53581
Amount: 255.2210
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:48:34 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

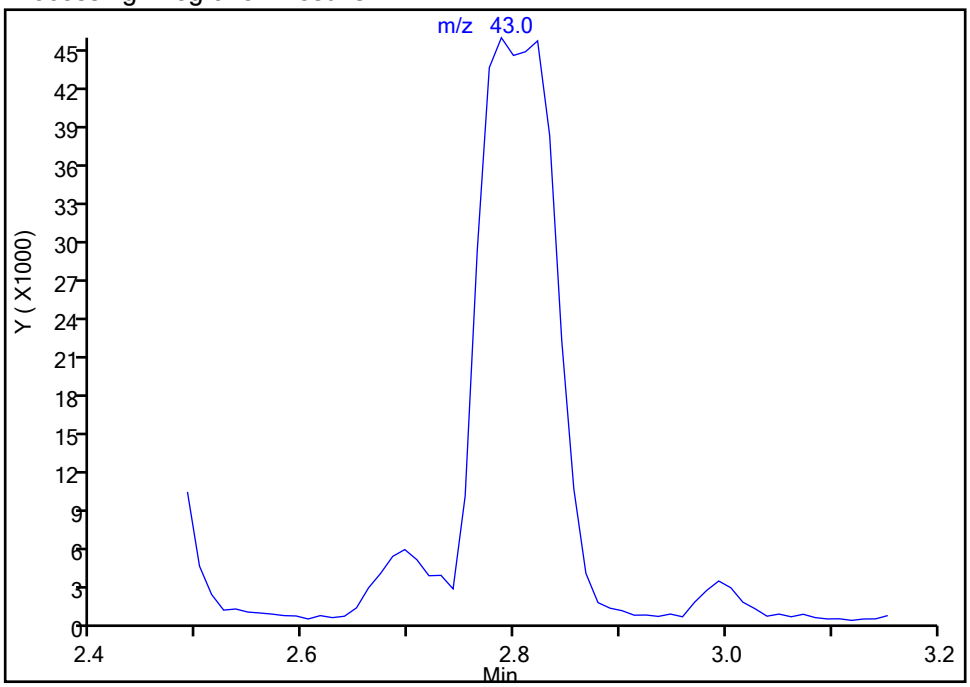
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68305.D
Injection Date: 20-Feb-2025 18:08:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

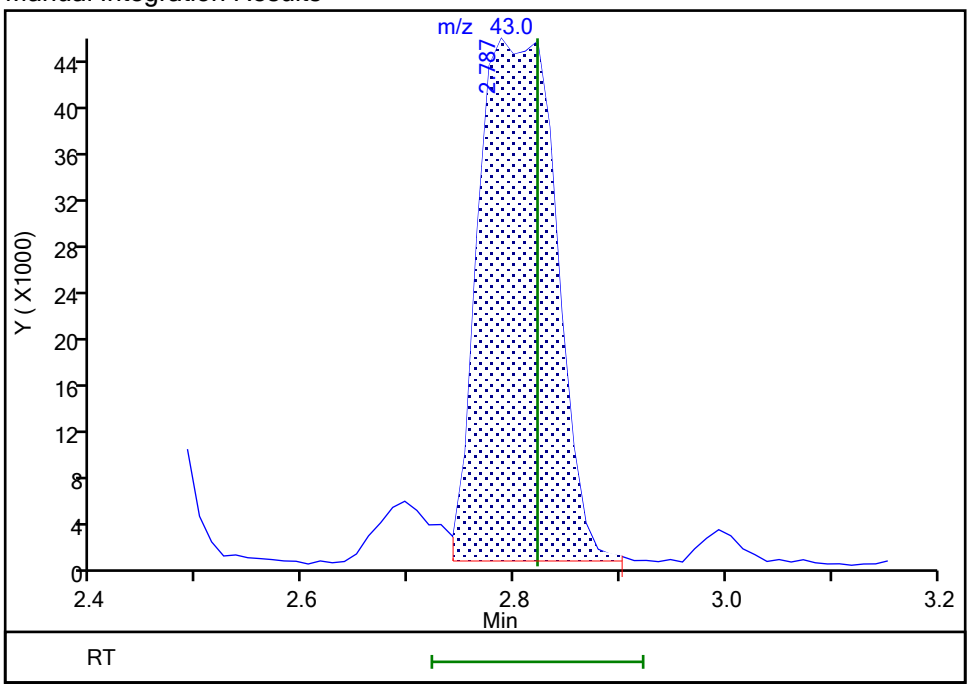
Not Detected
Expected RT: 2.82

Processing Integration Results



Manual Integration Results

RT: 2.79
Area: 231407
Amount: 37.151014
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:48:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

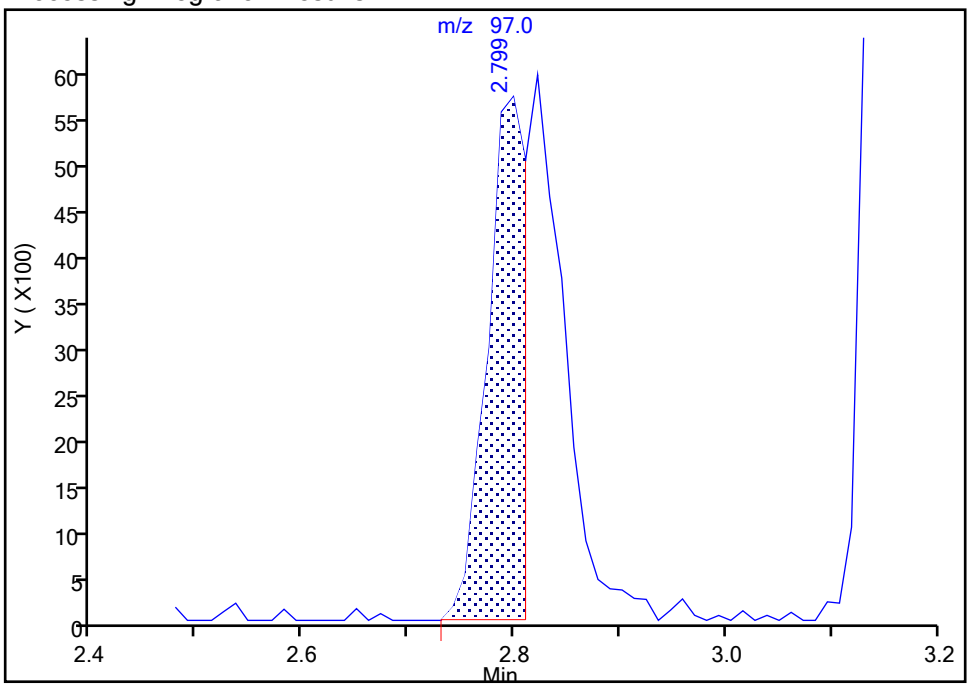
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68305.D
Injection Date: 20-Feb-2025 18:08:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

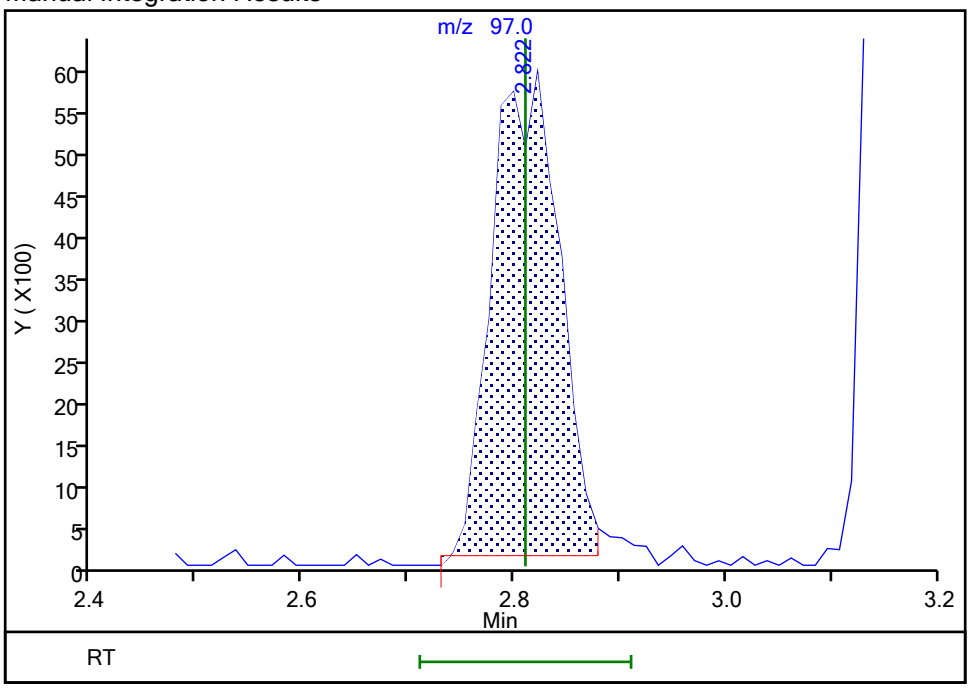
Processing Integration Results

RT: 2.80
Area: 15004
Amount: 9.187305
Amount Units: ug/l



Manual Integration Results

RT: 2.82
Area: 26102
Amount: 15.982874
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:48:55 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

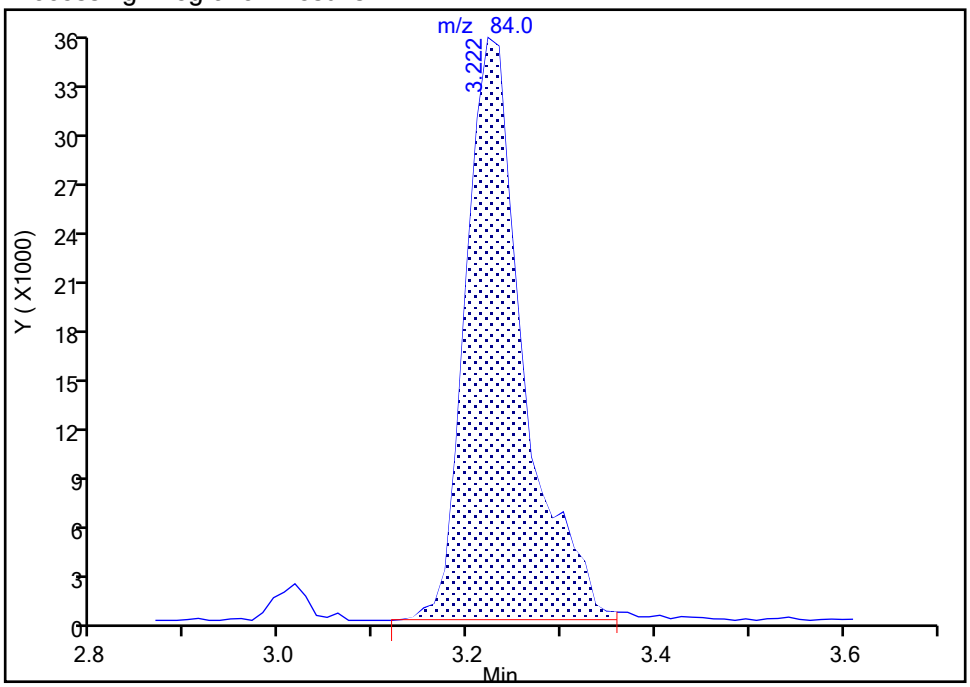
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68305.D
Injection Date: 20-Feb-2025 18:08:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

55 Cyclohexane, CAS: 110-82-7

Signal: 1

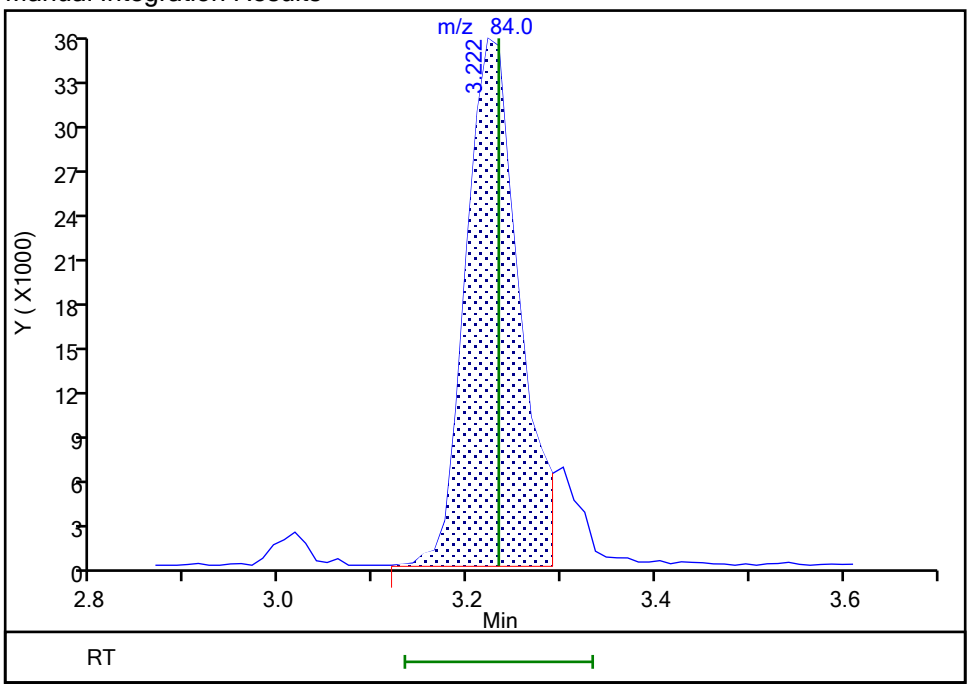
Processing Integration Results

RT: 3.22
Area: 150942
Amount: 23.808928
Amount Units: ug/l



Manual Integration Results

RT: 3.22
Area: 139631
Amount: 22.024781
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 12:49:14 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Lab Sample ID: CCVIS 460-1026344/2 Calibration Date: 03/17/2025 18:57

Instrument ID: CVOAMS9 Calib Start Date: 02/20/2025 12:28

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/20/2025 15:17

Lab File ID: K69155.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	1.703	1.017		11.9	20.0	-40.3*	20.0
Chlorodifluoromethane	Ave	0.0886	0.0811		18.3	20.0	-8.5	20.0
Dichlorodifluoromethane	Ave	0.7937	0.4670	0.1000	11.8	20.0	-41.2*	20.0
Chloromethane	Ave	0.9021	0.7935	0.1000	17.6	20.0	-12.0	20.0
Butadiene	Ave	0.6178	0.5022		16.3	20.0	-18.7	20.0
Vinyl chloride	Ave	0.5487	0.4516	0.1000	16.5	20.0	-17.7	20.0
Bromomethane	Ave	0.3976	0.3156	0.1000	15.9	20.0	-20.6	50.0
Chloroethane	Ave	0.2996	0.2917	0.1000	19.5	20.0	-2.6	50.0
Dichlorofluoromethane	Ave	0.7566	0.7695		20.3	20.0	1.7	20.0
Pentane	Ave	0.0725	0.0450		24.8	40.0	-37.9*	20.0
Trichlorofluoromethane	Ave	0.5584	0.4571	0.1000	16.4	20.0	-18.1	20.0
Ethanol	Ave	0.0457	0.0669		1170	800	46.5	50.0
Ethyl ether	Lin2		0.1674		15.8	20.0	-21.2*	20.0
2-Methyl-1,3-butadiene	Ave	0.2482	0.2040		16.4	20.0	-17.8	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3202	0.2625		16.4	20.0	-18.0	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4913	0.4467		18.2	20.0	-9.1	20.0
Acrolein	Ave	0.5727	0.8221		57.4	40.0	43.6	50.0
1,1-Dichloroethene	Ave	0.2964	0.2462	0.1000	16.6	20.0	-16.9	20.0
Acetone	Ave	0.2779	0.2225	0.0500	80.1	100	-19.9	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3506	0.2835	0.1000	16.2	20.0	-19.1	20.0
Isopropyl alcohol	Ave	0.4688	0.4341		185	200	-7.4	50.0
Iodomethane	Ave	0.5947	0.4514		15.2	20.0	-24.1*	20.0
3-Chloro-1-propene	Ave	1.086	0.9013		16.6	20.0	-17.0	20.0
Carbon disulfide	Ave	1.084	0.9013	0.1000	16.6	20.0	-16.9	50.0
Acetonitrile	QuaF		0.7374		230	200	14.9	20.0
Methyl acetate	QuaF		5.835	0.0500	41.3	40.0	3.2	20.0
Cyclopentene	QuaF		0.6303		18.2	20.0	-9.1	20.0
Methylene Chloride	Ave	0.3224	0.3325	0.1000	20.6	20.0	3.1	20.0
2-Methyl-2-propanol	Ave	0.9038	1.061		235	200	17.4	50.0
Acrylonitrile	Ave	0.0853	0.0677		159	200	-20.6*	20.0
Methyl tert-butyl ether	Ave	0.7985	0.7479	0.1000	18.7	20.0	-6.3	20.0
trans-1,2-Dichloroethene	Ave	0.2707	0.2730	0.1000	20.2	20.0	0.9	20.0
Hexane	Ave	0.2925	0.2088		14.3	20.0	-28.6*	20.0
1,1-Dichloroethane	Ave	0.4380	0.5253	0.2000	24.0	20.0	19.9	20.0
Vinyl acetate	Ave	0.5021	0.5038		40.1	40.0	0.3	20.0
Isopropyl ether	Ave	0.7971	1.018		25.5	20.0	27.6*	20.0
2-Chloro-1,3-butadiene	Ave	0.2291	0.2374		20.7	20.0	3.6	20.0
Tert-butyl ethyl ether	QuaF		0.9600		24.1	20.0	20.5*	20.0
2-Butanone (MEK)	Ave	0.2715	0.2398	0.0500	88.3	100	-11.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Lab Sample ID: CCVIS 460-1026344/2 Calibration Date: 03/17/2025 18:57

Instrument ID: CVOAMS9 Calib Start Date: 02/20/2025 12:28

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/20/2025 15:17

Lab File ID: K69155.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2810	0.3029	0.1000	21.6	20.0	7.8	20.0
Ethyl acetate	Ave	4.726	4.646		39.3	40.0	-1.7	20.0
2,2-Dichloropropane	Ave	0.1021	0.1094		21.4	20.0	7.1	20.0
Propionitrile	Ave	1.282	1.067		166	200	-16.8	20.0
Methyl acrylate	Ave	0.2202	0.1843		16.7	20.0	-16.3	20.0
Methacrylonitrile	Ave	0.0887	0.0717		162	200	-19.2	20.0
Chlorobromomethane	Ave	0.1515	0.1231		16.3	20.0	-18.7	20.0
Tetrahydrofuran	Ave	0.7244	0.7595		41.9	40.0	4.8	20.0
Chloroform	Ave	0.4312	0.4821	0.2000	22.4	20.0	11.8	20.0
1,1,1-Trichloroethane	Ave	0.4222	0.4506	0.1000	21.3	20.0	6.7	20.0
Cyclohexane	Ave	0.3965	0.3645	0.1000	18.4	20.0	-8.1	50.0
1,1-Dichloropropene	Ave	0.3116	0.3087		19.8	20.0	-0.9	20.0
Carbon tetrachloride	Ave	0.3557	0.3459	0.1000	19.5	20.0	-2.7	20.0
Isobutyl alcohol	Ave	0.3133	0.4080		651	500	30.2	50.0
Benzene	Ave	1.391	1.225	0.5000	17.6	20.0	-12.0	20.0
1,2-Dichloroethane	Ave	0.3119	0.2801	0.1000	18.0	20.0	-10.2	20.0
Isopropyl acetate	Ave	0.0896	0.0683		15.2	20.0	-23.8*	20.0
Isooctane	Qua2		0.6548		18.1	20.0	-9.6	20.0
Tert-amyl methyl ether	Ave	0.7331	0.7546		20.6	20.0	2.9	20.0
n-Heptane	Ave	0.2548	0.2165		17.0	20.0	-15.1	20.0
n-Butanol	Ave	0.1619	0.2137		660	500	32.0	50.0
Trichloroethene	Ave	0.2498	0.2383	0.2000	19.1	20.0	-4.6	20.0
Ethyl acrylate	Ave	0.2320	0.1864		16.1	20.0	-19.7	20.0
Methylcyclohexane	Ave	0.4252	0.3784	0.1000	17.8	20.0	-11.0	50.0
1,2-Dichloropropane	Ave	0.2495	0.2638	0.1000	21.1	20.0	5.7	20.0
Dibromomethane	Ave	0.1566	0.1319		16.8	20.0	-15.8	20.0
1,4-Dioxane	Ave	0.8755	1.205		551	400	37.7	50.0
Methyl methacrylate	Ave	0.0563	0.0412		29.3	40.0	-26.7*	20.0
n-Propyl acetate	Ave	0.2517	0.2229		17.7	20.0	-11.4	20.0
Dichlorobromomethane	QuaF		0.3316	0.2000	22.5	20.0	12.5	20.0
2-Nitropropane	Qua2		0.0352		40.6	40.0	1.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1445	0.1156		16.0	20.0	-20.0	20.0
Epichlorohydrin	Ave	0.2143	0.2512		469	400	17.2	20.0
cis-1,3-Dichloropropene	Ave	0.4527	0.4804	0.2000	21.2	20.0	6.1	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.310	2.513	0.0500	109	100	8.8	50.0
Toluene	Ave	1.348	1.345	0.4000	19.9	20.0	-0.3	20.0
trans-1,3-Dichloropropene	Ave	0.3963	0.3916	0.1000	19.8	20.0	-1.2	50.0
Ethyl methacrylate	Ave	0.3559	0.2984		16.8	20.0	-16.1	20.0
1,1,2-Trichloroethane	Ave	0.2205	0.2091	0.1000	19.0	20.0	-5.2	20.0
Tetrachloroethene	Lin2		0.2871	0.2000	16.7	20.0	-16.3	20.0
1,3-Dichloropropane	Ave	0.4460	0.3961		17.8	20.0	-11.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Lab Sample ID: CCVIS 460-1026344/2 Calibration Date: 03/17/2025 18:57

Instrument ID: CVOAMS9 Calib Start Date: 02/20/2025 12:28

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/20/2025 15:17

Lab File ID: K69155.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.400	1.695	0.0500	121	100	21.1	50.0
Chlorodibromomethane	Ave	0.3344	0.2466	0.1000	14.7	20.0	-26.3	50.0
n-Butyl acetate	Ave	0.3896	0.3623		18.6	20.0	-7.0	20.0
Ethylene Dibromide	Ave	0.2877	0.2113	0.1000	14.7	20.0	-26.5*	20.0
Chlorobenzene	Ave	0.8724	0.8902	0.5000	20.4	20.0	2.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3628	0.3232		17.8	20.0	-10.9	20.0
Ethylbenzene	Ave	0.4816	0.4726	0.1000	19.6	20.0	-1.9	20.0
m-Xylene & p-Xylene	Ave	0.5745	0.6082	0.1000	21.2	20.0	5.9	20.0
o-Xylene	Ave	0.6084	0.6219	0.3000	20.4	20.0	2.2	20.0
Styrene	Ave	0.9301	1.040	0.3000	22.4	20.0	11.8	20.0
n-Butyl acrylate	Ave	0.2321	0.2517		21.7	20.0	8.4	20.0
Bromoform	Ave	0.1939	0.1558	0.1000	16.1	20.0	-19.6	20.0
Amyl acetate (mixed isomers)	Ave	0.8493	0.8870		20.9	20.0	4.4	20.0
Isopropylbenzene	Ave	1.456	1.478	0.1000	20.3	20.0	1.5	20.0
Bromobenzene	Ave	0.6972	0.6294		18.1	20.0	-9.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6796	0.5640	0.3000	16.6	20.0	-17.0	20.0
1,2,3-Trichloropropane	Ave	0.4530	0.3930		17.4	20.0	-13.2	20.0
trans-1,4-Dichloro-2-butene	QuaF		0.1050		16.4	20.0	-17.9	20.0
N-Propylbenzene	Ave	2.989	3.339		22.3	20.0	11.7	20.0
2-Chlorotoluene	Ave	1.779	2.036		22.9	20.0	14.4	20.0
4-Ethyltoluene	Ave	2.555	2.701		21.1	20.0	5.7	20.0
4-Chlorotoluene	Ave	1.803	2.307		25.6	20.0	28.0*	20.0
1,3,5-Trimethylbenzene	Ave	2.265	2.441		21.6	20.0	7.8	20.0
Butyl Methacrylate	Ave	0.7345	0.7917		21.6	20.0	7.8	20.0
tert-Butylbenzene	Ave	1.882	1.796		19.1	20.0	-4.6	20.0
1,2,4-Trimethylbenzene	Ave	2.362	2.569		21.8	20.0	8.8	20.0
sec-Butylbenzene	Ave	2.941	3.079		20.9	20.0	4.7	20.0
1,3-Dichlorobenzene	Ave	1.356	1.409	0.6000	20.8	20.0	3.9	20.0
1,4-Dichlorobenzene	Ave	1.440	1.393	0.5000	19.3	20.0	-3.3	20.0
4-Isopropyltoluene	Ave	2.736	2.757		20.2	20.0	0.8	20.0
1,2,3-Trimethylbenzene	Ave	2.606	2.834		21.7	20.0	8.7	20.0
Benzyl chloride	Qua2		0.1869		18.4	20.0	-8.2	50.0
Indan	Ave	2.419	2.476		20.5	20.0	2.3	20.0
1,2-Dichlorobenzene	Ave	1.389	1.357	0.4000	19.5	20.0	-2.3	20.0
p-Diethylbenzene	Ave	1.614	1.703		21.1	20.0	5.5	20.0
n-Butylbenzene	Ave	1.327	1.457		21.9	20.0	9.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1556	0.1162	0.0500	14.9	20.0	-25.3	50.0
1,2,4,5-Tetramethylbenzene	Ave	2.504	2.843		22.7	20.0	13.6	20.0
1,3,5-Trichlorobenzene	Ave	1.237	1.151		18.6	20.0	-7.0	20.0
1,2,4-Trichlorobenzene	Ave	1.097	1.059	0.2000	19.3	20.0	-3.5	20.0
Hexachlorobutadiene	Ave	0.4107	0.3353		16.3	20.0	-18.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Lab Sample ID: CCVIS 460-1026344/2 Calibration Date: 03/17/2025 18:57

Instrument ID: CVOAMS9 Calib Start Date: 02/20/2025 12:28

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/20/2025 15:17

Lab File ID: K69155.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.327	2.365		20.3	20.0	1.6	50.0
1,2,3-Trichlorobenzene	Ave	1.147	0.9324		16.3	20.0	-18.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2700	0.2259		41.8	50.0	-16.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2601	0.2240		43.1	50.0	-13.9	20.0
Toluene-d8 (Surr)	Ave	1.234	1.179		47.8	50.0	-4.5	20.0
4-Bromofluorobenzene	Ave	0.4254	0.4483		52.7	50.0	5.4	20.0

Report Date: 18-Mar-2025 10:15:21 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69155.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 17-Mar-2025 18:57:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0188072-002
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260DW_9*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:15:21 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: C1JX Date: 17-Mar-2025 19:18:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.050	1.050	0.000	51	22360	20.0	11.9	
5 Chlorodifluoromethane	67	1.073	1.073	0.000	95	25483	20.0	18.3	
3 Dichlorodifluoromethane	85	1.073	1.073	0.000	49	146829	20.0	11.8	
6 Chloromethane	50	1.176	1.176	0.000	99	249471	20.0	17.6	
8 Butadiene	54	1.210	1.210	0.000	92	157888	20.0	16.3	
7 Vinyl chloride	62	1.233	1.233	0.000	97	141983	20.0	16.5	
9 Bromomethane	94	1.382	1.382	0.000	97	99240	20.0	15.9	
10 Chloroethane	64	1.393	1.393	0.000	78	91716	20.0	19.5	
11 Dichlorofluoromethane	67	1.507	1.507	0.000	99	241943	20.0	20.3	
13 Pentane	57	1.519	1.519	0.000	99	28316	40.0	24.8	
12 Trichlorofluoromethane	101	1.553	1.553	0.000	97	143701	20.0	16.4	M
15 Ethyl ether	59	1.610	1.610	0.000	91	52630	20.0	15.8	
14 Ethanol	46	1.599	1.599	0.000	66	20184	800.0	1172.1	M
17 2-Methyl-1,3-butadiene	53	1.633	1.633	0.000	90	64127	20.0	16.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.668	1.668	0.000	82	82544	20.0	16.4	a
19 Acrolein	56	1.679	1.679	0.000	31	12399	40.0	57.4	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.679	1.679	0.000	91	140456	20.0	18.2	
20 1,1-Dichloroethene	96	1.748	1.748	0.000	97	77413	20.0	16.6	
22 Acetone	58	1.759	1.759	0.000	59	24466	100.0	80.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.793	1.793	0.000	95	89129	20.0	16.2	
24 Isopropyl alcohol	45	1.816	1.816	0.000	29	32734	200.0	185.2	M
23 Iodomethane	142	1.839	1.839	0.000	99	141920	20.0	15.2	
27 3-Chloro-1-propene	76	1.885	1.885	0.000	87	283385	20.0	16.6	a
25 Carbon disulfide	76	1.885	1.885	0.000	98	283385	20.0	16.6	
26 Acetonitrile	40	1.930	1.930	0.000	79	55606	200.0	229.8	
28 Methyl acetate	43	1.930	1.930	0.000	49	88003	40.0	41.3	
29 Cyclopentene	67	1.988	1.988	0.000	88	198172	20.0	18.2	
* 31 TBA-d9 (IS)	65	1.999	1.999	0.000	83	377042	1000.0	1000.0	
30 Methylene Chloride	84	1.999	1.999	0.000	96	104525	20.0	20.6	
32 2-Methyl-2-propanol	59	2.068	2.068	0.000	38	79996	200.0	234.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.125	2.125	0.000	94	212947	200.0	158.8	
34 trans-1,2-Dichloroethene	96	2.159	2.159	0.000	95	85837	20.0	20.2	
35 Methyl tert-butyl ether	73	2.159	2.159	0.000	96	235147	20.0	18.7	
36 Hexane	57	2.308	2.308	0.000	95	65642	20.0	14.3	
37 1,1-Dichloroethane	63	2.399	2.399	0.000	99	165166	20.0	24.0	
38 Vinyl acetate	86	2.422	2.422	0.000	100	22160	40.0	40.1	
39 Isopropyl ether	45	2.445	2.445	0.000	91	319921	20.0	25.5	
40 2-Chloro-1,3-butadiene	88	2.456	2.456	0.000	90	74634	20.0	20.7	
41 Tert-butyl ethyl ether	59	2.685	2.685	0.000	89	301824	20.0	24.1	
47 Ethyl acetate	43	2.776	2.776	0.000	97	204327	40.0	39.3	a
* 43 2-Butanone-d5	46	2.730	2.730	0.000	100	274890	250.0	250.0	
46 2-Butanone (MEK)	72	2.776	2.776	0.000	88	26367	100.0	88.3	
45 cis-1,2-Dichloroethene	96	2.776	2.776	0.000	94	95218	20.0	21.6	
44 2,2-Dichloropropane	97	2.788	2.788	0.000	71	34403	20.0	21.4	
42 Propionitrile	54	2.822	2.822	0.000	94	80457	200.0	166.5	
48 Methyl acrylate	55	2.845	2.845	0.000	97	57932	20.0	16.7	
50 Methacrylonitrile	67	2.925	2.925	0.000	94	225456	200.0	161.7	
49 Chlorobromomethane	128	2.948	2.948	0.000	96	38696	20.0	16.3	
51 Tetrahydrofuran	42	2.982	2.982	0.000	30	33405	40.0	41.9	
52 Chloroform	83	3.005	3.005	0.000	99	151562	20.0	22.4	
$ 53 Dibromofluoromethane (Surr)	113	3.119	3.119	0.000	95	177568	50.0	41.8	
54 1,1,1-Trichloroethane	97	3.165	3.165	0.000	98	141664	20.0	21.3	
55 Cyclohexane	84	3.211	3.211	0.000	95	114608	20.0	18.4	
57 1,1-Dichloropropene	75	3.279	3.279	0.000	98	97057	20.0	19.8	
56 Carbon tetrachloride	117	3.291	3.291	0.000	93	108758	20.0	19.5	
61 Isobutyl alcohol	43	3.359	3.359	0.000	47	76923	500.0	651.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.382	3.382	0.000	97	176062	50.0	43.1	
59 Benzene	78	3.439	3.439	0.000	95	318915	20.0	17.6	
60 1,2-Dichloroethane	62	3.451	3.451	0.000	93	88066	20.0	18.0	
63 Isopropyl acetate	61	3.496	3.496	0.000	73	21465	20.0	15.2	
62 Isooctane	57	3.519	3.519	0.000	97	205862	20.0	18.1	
64 Tert-amyl methyl ether	73	3.542	3.542	0.000	92	237260	20.0	20.6	
* 65 Fluorobenzene	96	3.668	3.668	0.000	98	786016	50.0	50.0	
66 n-Heptane	43	3.679	3.679	0.000	42	68060	20.0	17.0	
68 n-Butanol	56	3.942	3.942	0.000	87	40292	500.0	660.0	
67 Trichloroethene	95	3.999	3.999	0.000	97	74929	20.0	19.1	
69 Ethyl acrylate	55	4.113	4.113	0.000	98	58594	20.0	16.1	
70 Methylcyclohexane	83	4.193	4.193	0.000	96	118974	20.0	17.8	
71 1,2-Dichloropropane	63	4.205	4.205	0.000	93	82927	20.0	21.1	
* 72 1,4-Dioxane-d8	96	4.285	4.285	0.000	80	36453	1000.0	1000.0	
73 Dibromomethane	93	4.319	4.319	0.000	95	41470	20.0	16.8	
75 Methyl methacrylate	100	4.342	4.342	0.000	91	25917	40.0	29.3	
74 1,4-Dioxane	88	4.342	4.342	0.000	31	17577	400.0	550.8	
76 n-Propyl acetate	43	4.411	4.411	0.000	98	70090	20.0	17.7	
77 Dichlorobromomethane	83	4.479	4.479	0.000	98	104248	20.0	22.5	
78 2-Nitropropane	41	4.719	4.719	0.000	95	22147	40.0	40.6	
79 2-Chloroethyl vinyl ether	63	4.811	4.811	0.000	94	36438	20.0	16.0	
80 Epichlorohydrin	57	4.868	4.868	0.000	99	110488	400.0	469.0	
81 cis-1,3-Dichloropropene	75	4.959	4.959	0.000	91	125076	20.0	21.2	
82 4-Methyl-2-pentanone (MIBK)	43	5.154	5.154	0.000	97	276363	100.0	108.8	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	99	767193	50.0	47.8	
84 Toluene	91	5.336	5.336	0.000	93	350078	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.611	5.611	0.000	95	101952	20.0	19.8	
86 Ethyl methacrylate	69	5.759	5.759	0.000	93	77697	20.0	16.8	
87 1,1,2-Trichloroethane	83	5.828	5.828	0.000	95	54448	20.0	19.0	
88 Tetrachloroethene	166	5.999	5.999	0.000	96	74752	20.0	16.7	
89 1,3-Dichloropropane	76	6.034	6.034	0.000	94	103140	20.0	17.8	
90 2-Hexanone	43	6.182	6.182	0.000	98	186375	100.0	121.1	
91 Chlorodibromomethane	129	6.308	6.308	0.000	98	64198	20.0	14.7	
92 n-Butyl acetate	43	6.388	6.388	0.000	100	94318	20.0	18.6	
93 Ethylene Dibromide	107	6.445	6.445	0.000	100	55025	20.0	14.7	
* 94 Chlorobenzene-d5	117	7.085	7.085	0.000	86	650912	50.0	50.0	
95 Chlorobenzene	112	7.131	7.131	0.000	94	231768	20.0	20.4	
96 1,1,1,2-Tetrachloroethane	131	7.268	7.268	0.000	94	84137	20.0	17.8	
97 Ethylbenzene	106	7.325	7.325	0.000	98	123056	20.0	19.6	
98 m-Xylene & p-Xylene	106	7.497	7.497	0.000	96	158346	20.0	21.2	
99 o-Xylene	106	8.068	8.068	0.000	94	161923	20.0	20.4	
100 Styrene	104	8.091	8.091	0.000	96	270760	20.0	22.4	
101 n-Butyl acrylate	73	8.125	8.125	0.000	99	65521	20.0	21.7	
102 Bromoform	173	8.320	8.320	0.000	94	40566	20.0	16.1	
103 Amyl acetate (mixed isomers)	43	8.502	8.502	0.000	89	139150	20.0	20.9	
104 Isopropylbenzene	105	8.651	8.651	0.000	95	384761	20.0	20.3	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	90	291785	50.0	52.7	
106 Bromobenzene	156	9.040	9.040	0.000	98	98726	20.0	18.1	
107 1,1,2,2-Tetrachloroethane	83	9.143	9.143	0.000	98	88474	20.0	16.6	
108 1,2,3-Trichloropropane	75	9.177	9.177	0.000	98	61648	20.0	17.4	
109 trans-1,4-Dichloro-2-butene	75	9.234	9.234	0.000	93	16476	20.0	16.4	
110 N-Propylbenzene	91	9.303	9.303	0.000	98	523812	20.0	22.3	
111 2-Chlorotoluene	91	9.383	9.383	0.000	96	319324	20.0	22.9	
112 4-Ethyltoluene	105	9.497	9.497	0.000	99	423686	20.0	21.1	
113 4-Chlorotoluene	91	9.565	9.565	0.000	97	361960	20.0	25.6	
114 1,3,5-Trimethylbenzene	105	9.611	9.611	0.000	92	382982	20.0	21.6	
115 Butyl Methacrylate	87	9.874	9.874	0.000	92	124199	20.0	21.6	
116 tert-Butylbenzene	119	10.125	10.125	0.000	94	281672	20.0	19.1	
117 1,2,4-Trimethylbenzene	105	10.194	10.194	0.000	97	402990	20.0	21.8	
118 sec-Butylbenzene	105	10.423	10.423	0.000	99	482956	20.0	20.9	
119 1,3-Dichlorobenzene	146	10.503	10.503	0.000	97	221045	20.0	20.8	
* 120 1,4-Dichlorobenzene-d4	152	10.583	10.583	0.000	94	392173	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.606	10.606	0.000	94	218552	20.0	19.3	
122 4-Isopropyltoluene	119	10.617	10.617	0.000	98	432490	20.0	20.2	
123 1,2,3-Trimethylbenzene	105	10.697	10.697	0.000	98	444501	20.0	21.7	
124 Benzyl chloride	126	10.777	10.777	0.000	98	29321	20.0	18.4	
125 2,3-Dihydroindene	117	10.868	10.868	0.000	94	388334	20.0	20.5	
126 1,2-Dichlorobenzene	146	10.971	10.971	0.000	96	212892	20.0	19.5	
127 p-Diethylbenzene	119	11.006	11.006	0.000	92	267074	20.0	21.1	
128 n-Butylbenzene	92	11.017	11.017	0.000	97	228503	20.0	21.9	
129 1,2-Dibromo-3-Chloropropane	157	11.611	11.611	0.000	90	18227	20.0	14.9	
130 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	97	445962	20.0	22.7	
131 1,3,5-Trichlorobenzene	180	11.760	11.760	0.000	96	180531	20.0	18.6	
132 1,2,4-Trichlorobenzene	180	12.149	12.149	0.000	93	166161	20.0	19.3	
133 Hexachlorobutadiene	225	12.263	12.263	0.000	89	52602	20.0	16.3	
134 Naphthalene	128	12.286	12.286	0.000	99	371071	20.0	20.3	
135 1,2,3-Trichlorobenzene	180	12.434	12.434	0.000	96	146272	20.0	16.3	
S 137 1,2-Dichloroethene, Total	100				0		40.0	41.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	41.6	
S 139 Total BTEX	1				0		100.0	98.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00201	Amount Added:	20.00	Units: uL	
ACROLEIN W_00181	Amount Added:	4.00	Units: uL	
524FREONS_00031	Amount Added:	20.00	Units: uL	
GASES Li_00631	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-Mar-2025 10:15:22 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69155.D

Injection Date: 17-Mar-2025 18:57:30 Instrument ID: CVOAMS9 Operator ID:

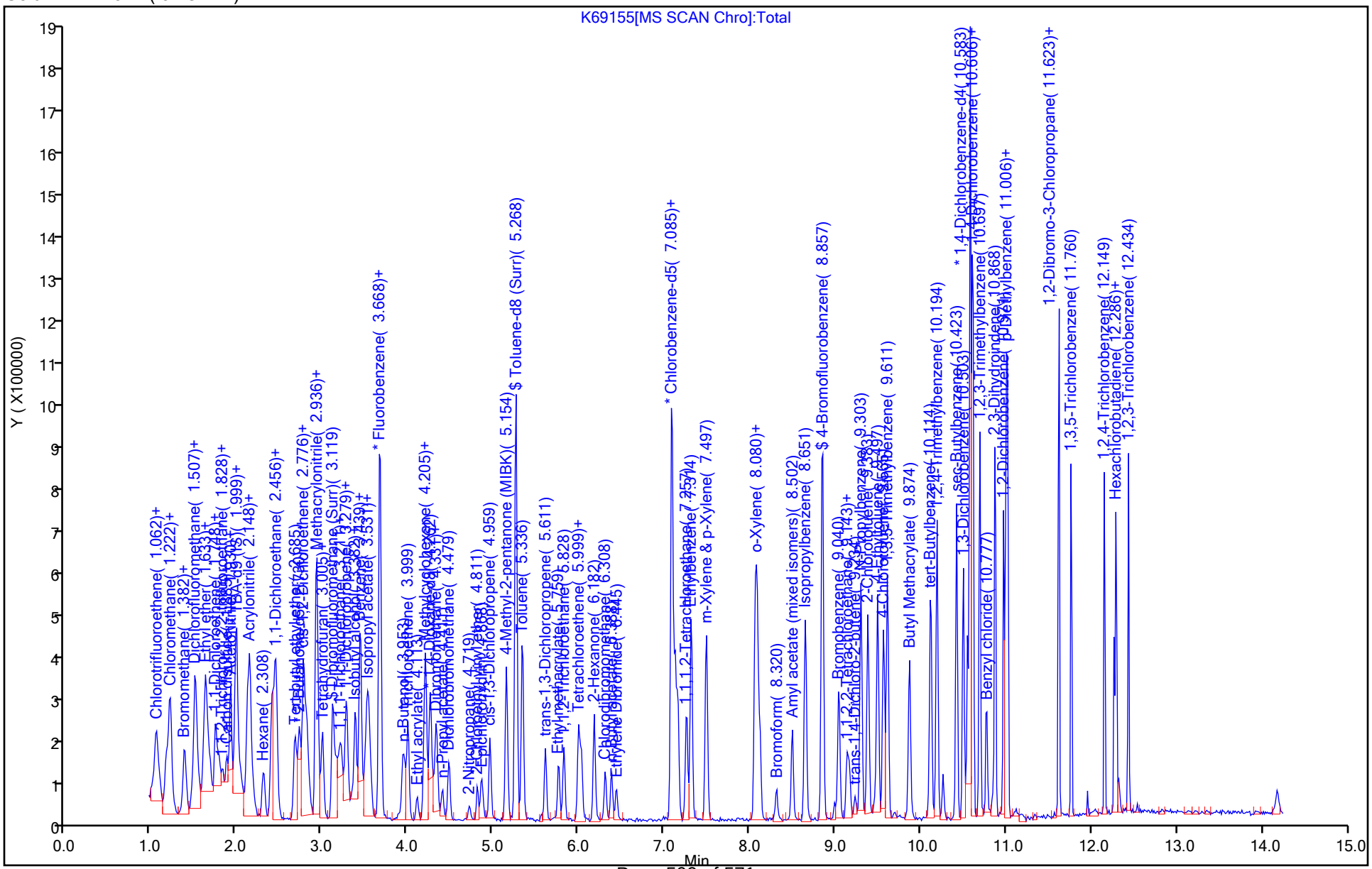
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

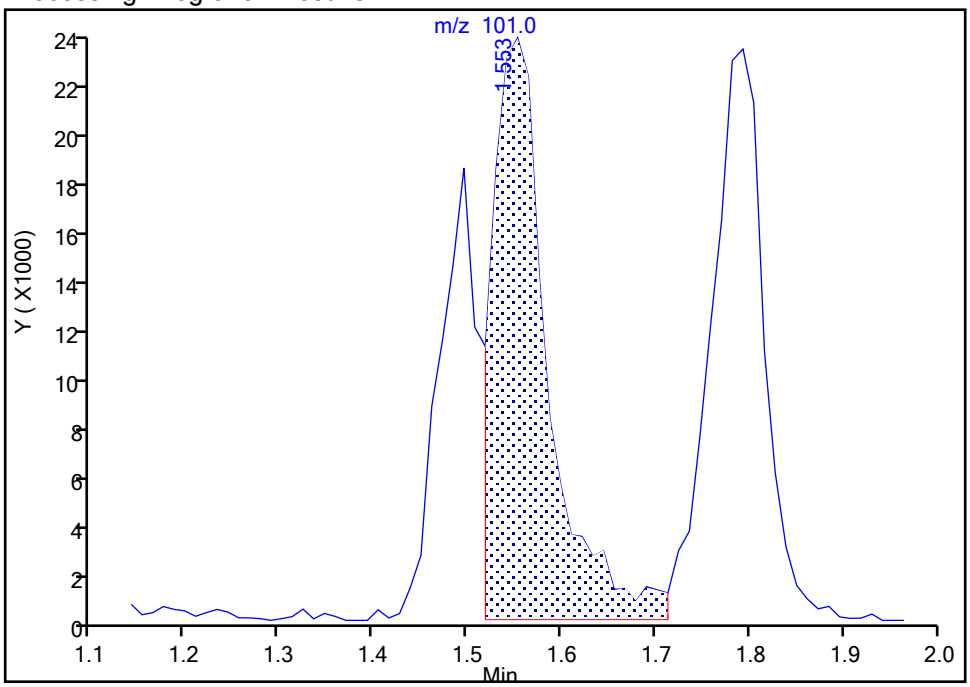
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69155.D
Injection Date: 17-Mar-2025 18:57:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

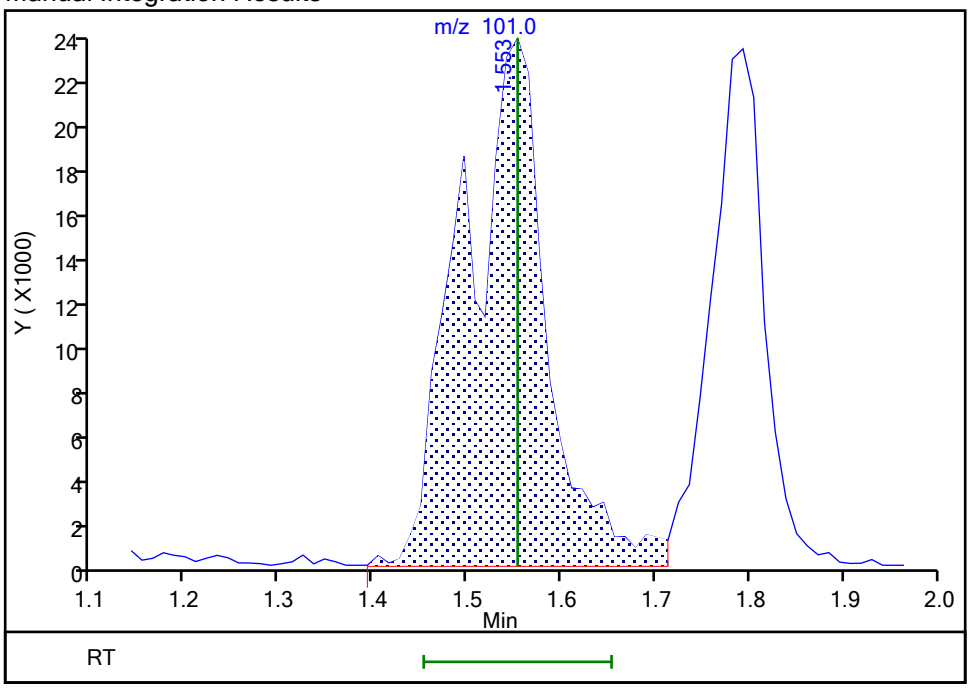
Processing Integration Results

RT: 1.55
Area: 96637
Amount: 11.008811
Amount Units: ug/l



Manual Integration Results

RT: 1.55
Area: 143701
Amount: 16.370304
Amount Units: ug/l



Reviewer: C1JX, 17-Mar-2025 19:18:32 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

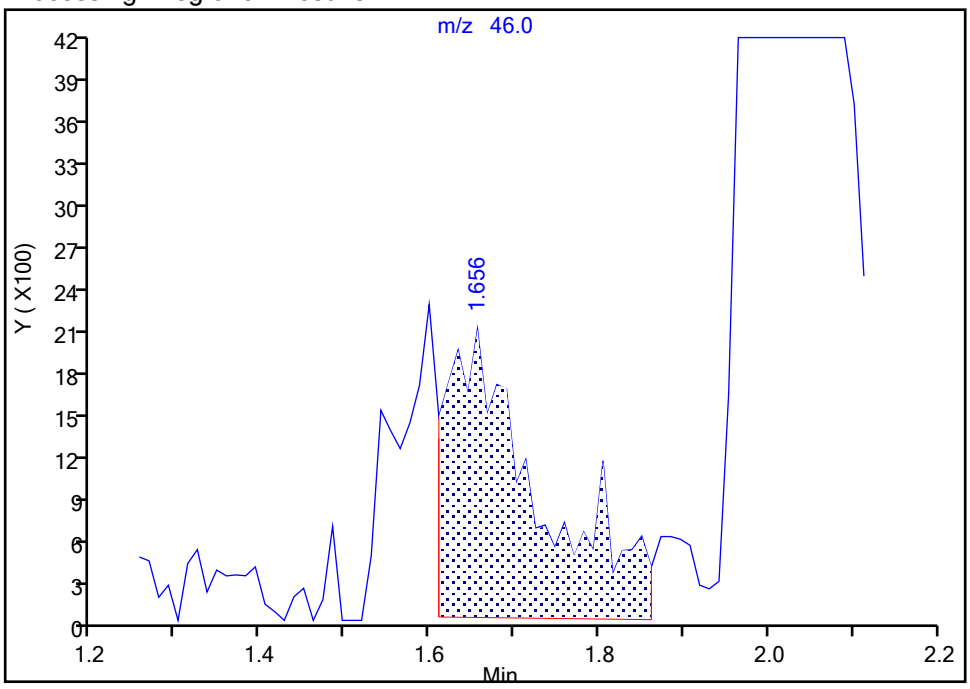
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69155.D
Injection Date: 17-Mar-2025 18:57:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

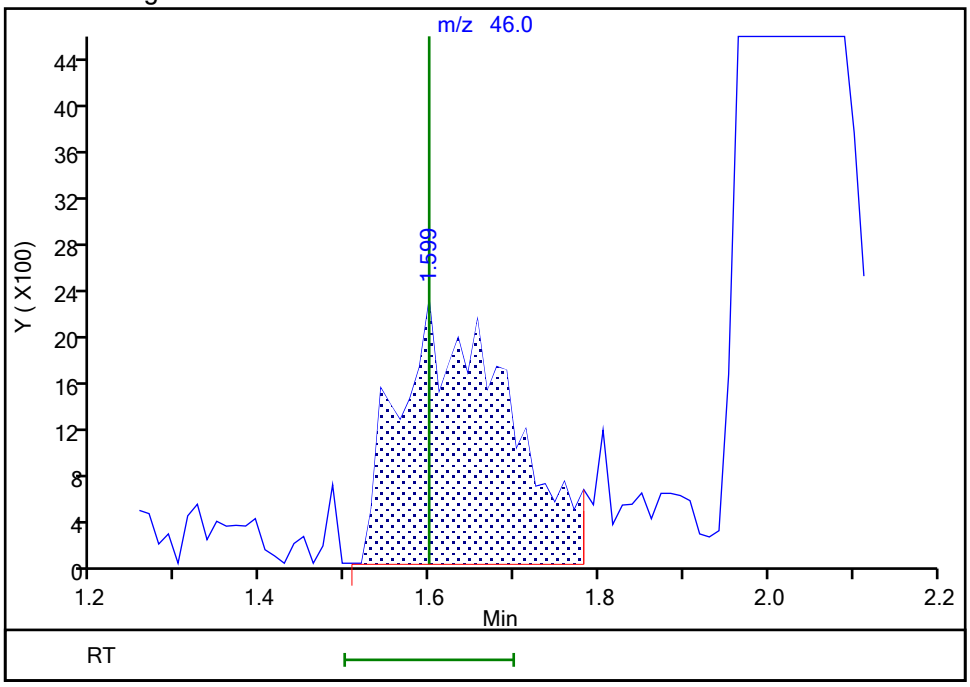
Processing Integration Results

RT: 1.66
Area: 15842
Amount: 919.9810
Amount Units: ug/l



Manual Integration Results

RT: 1.60
Area: 20184
Amount: 1172.1308
Amount Units: ug/l



Reviewer: NN6A, 18-Mar-2025 10:14:07 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

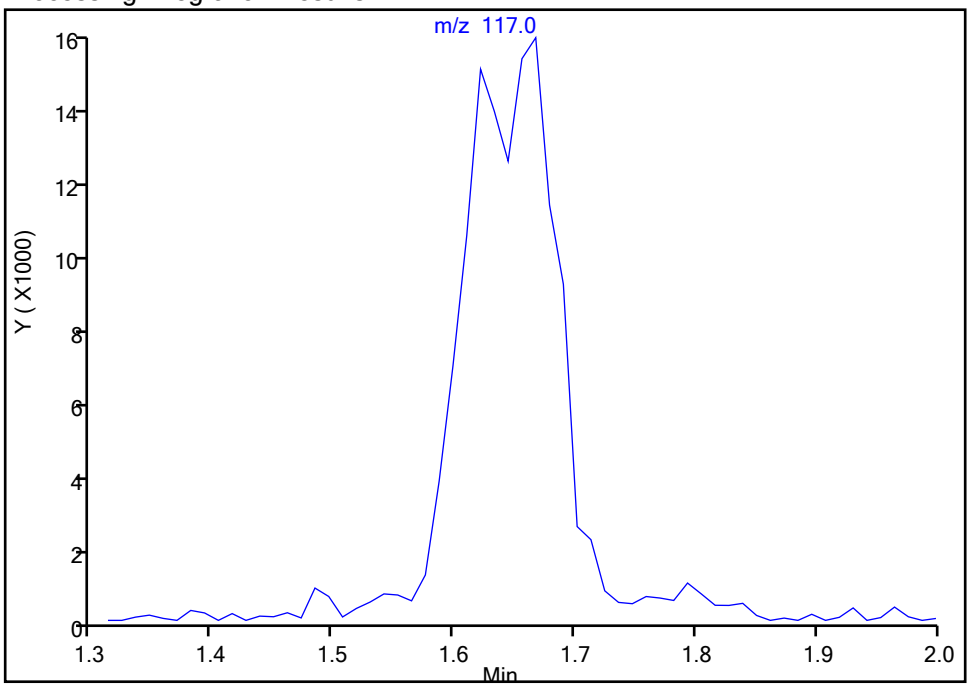
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69155.D
Injection Date: 17-Mar-2025 18:57:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

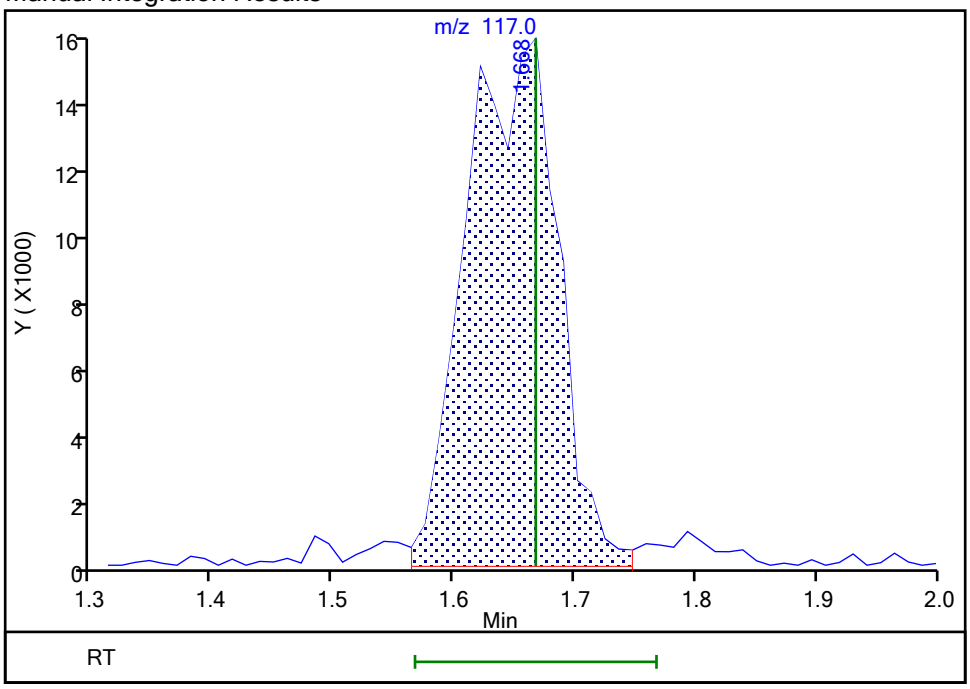
Not Detected
Expected RT: 1.67

Processing Integration Results



Manual Integration Results

RT: 1.67
Area: 82544
Amount: 16.399436
Amount Units: ug/l



Reviewer: C1JX, 17-Mar-2025 19:17:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

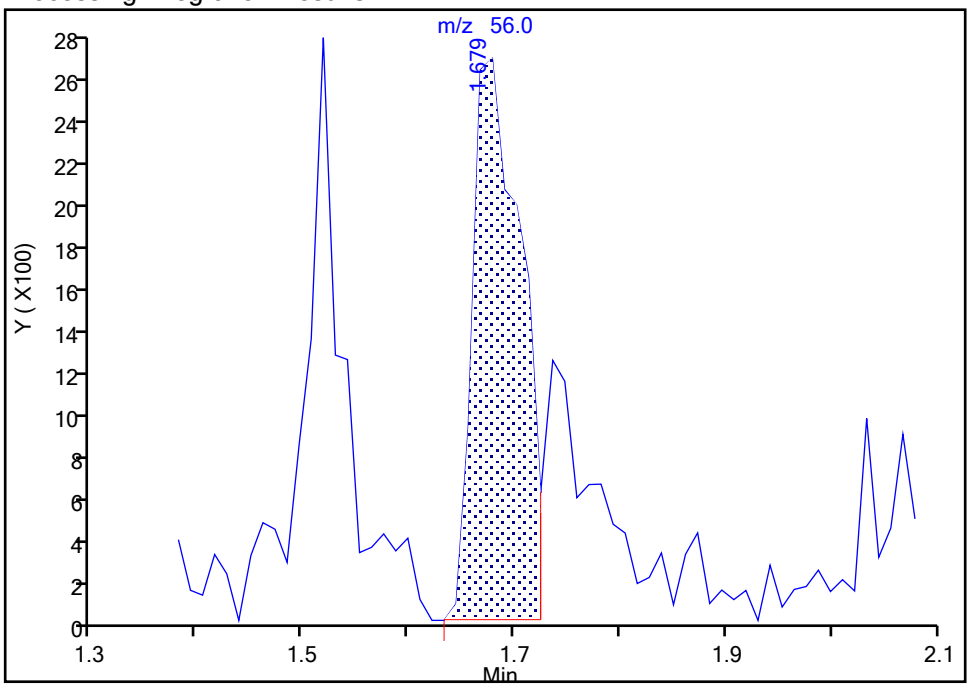
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69155.D
Injection Date: 17-Mar-2025 18:57:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

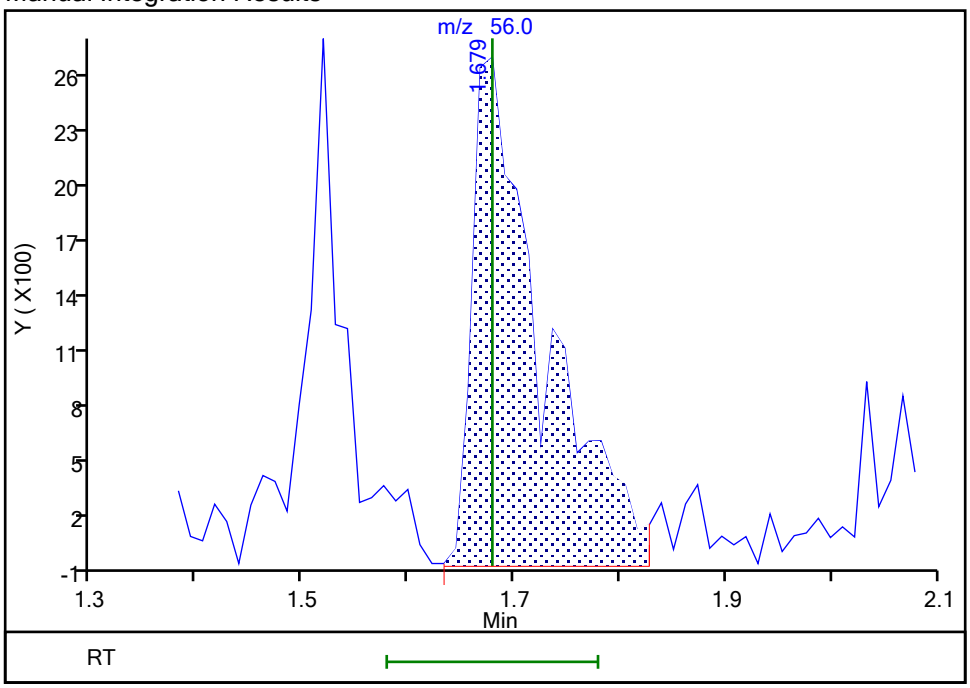
Processing Integration Results

RT: 1.68
Area: 8543
Amount: 39.566288
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 12399
Amount: 57.425074
Amount Units: ug/l



Reviewer: NN6A, 18-Mar-2025 10:14:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

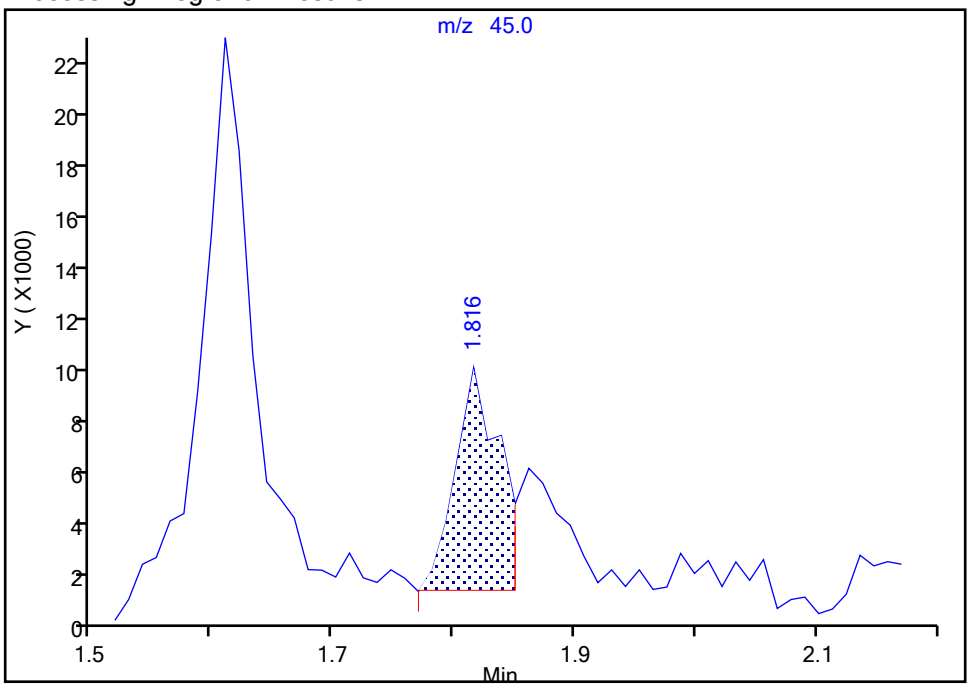
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69155.D
Injection Date: 17-Mar-2025 18:57:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

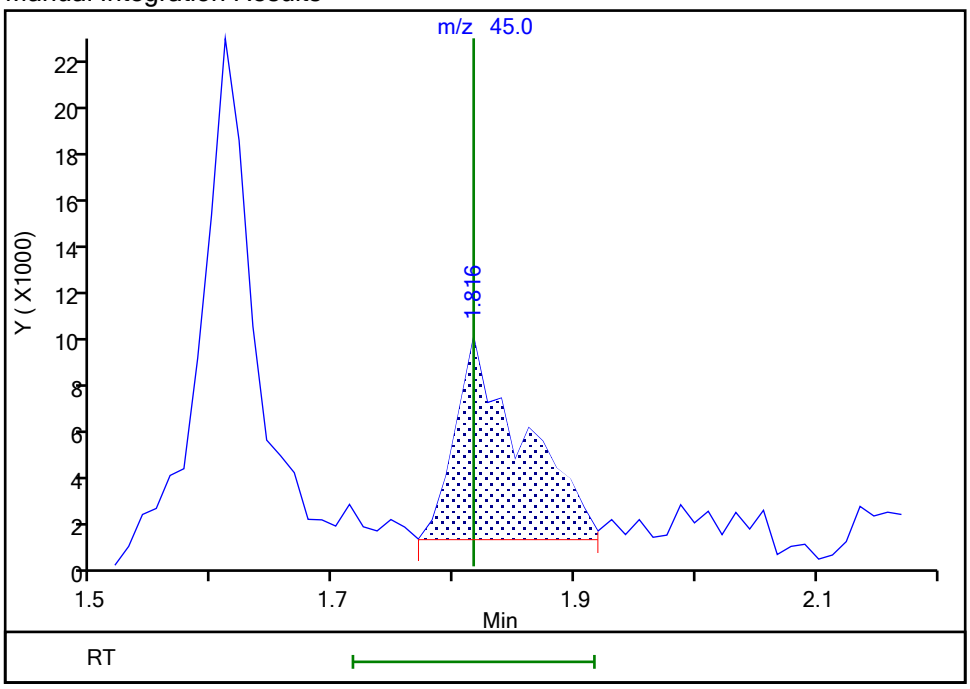
Processing Integration Results

RT: 1.82
Area: 22109
Amount: 125.0763
Amount Units: ug/l



Manual Integration Results

RT: 1.82
Area: 32734
Amount: 185.1847
Amount Units: ug/l



Reviewer: NN6A, 18-Mar-2025 10:14:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

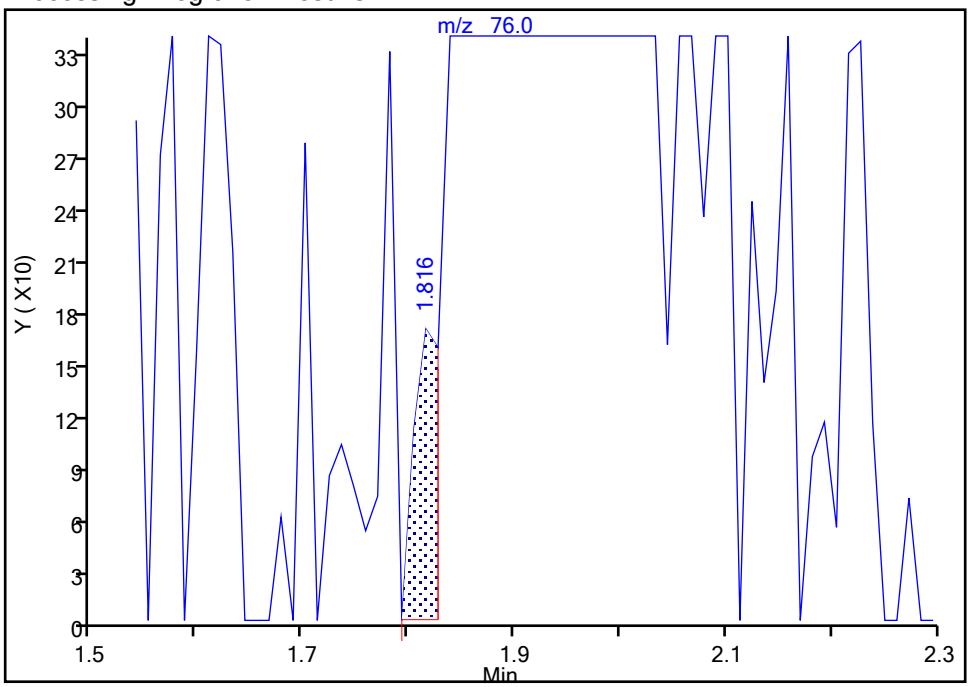
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69155.D
Injection Date: 17-Mar-2025 18:57:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

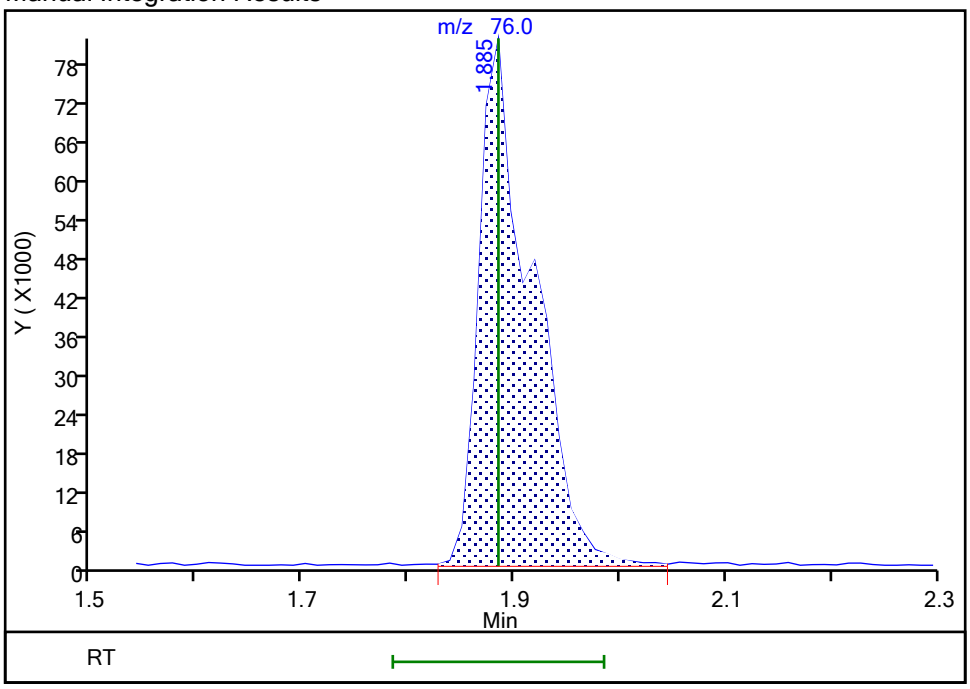
Processing Integration Results

RT: 1.82
Area: 300
Amount: 0.017566
Amount Units: ug/l



Manual Integration Results

RT: 1.88
Area: 283385
Amount: 16.593291
Amount Units: ug/l



Reviewer: C1JX, 17-Mar-2025 19:17:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

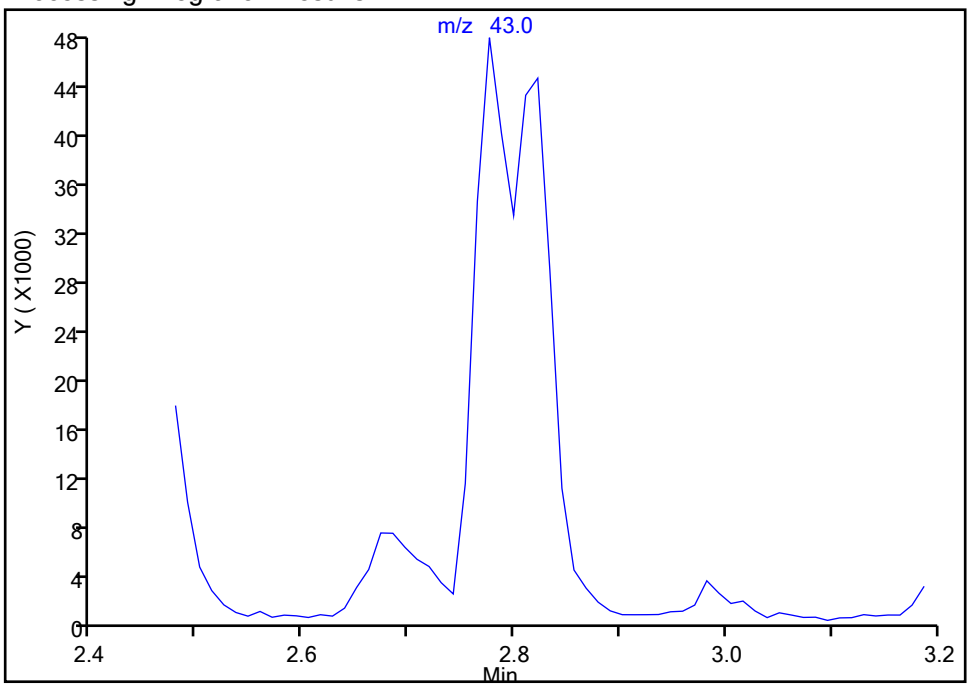
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69155.D
Injection Date: 17-Mar-2025 18:57:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

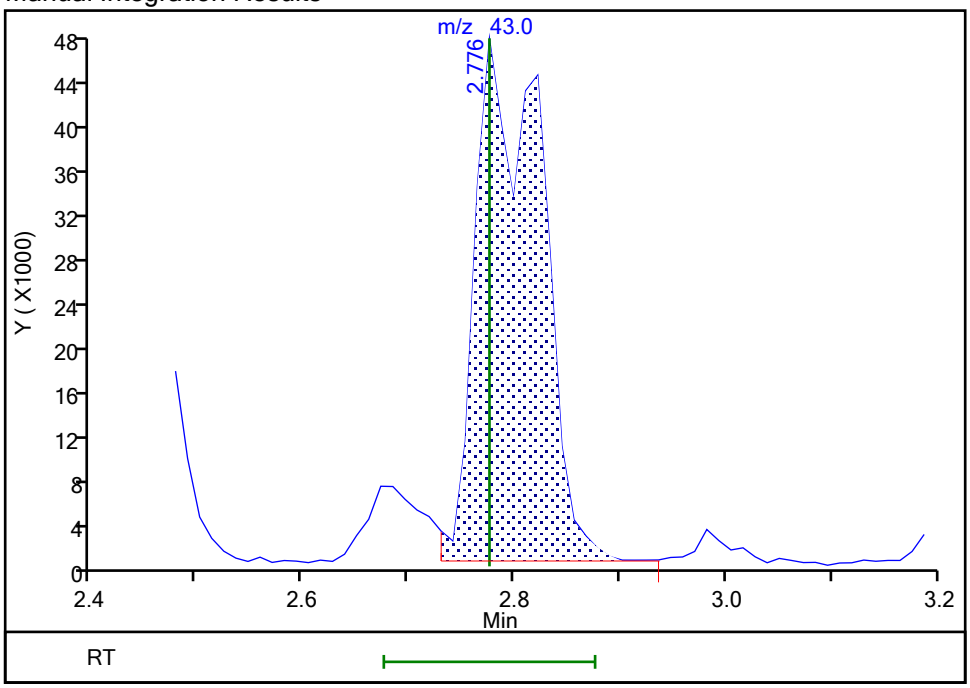
Not Detected
Expected RT: 2.78

Processing Integration Results



Manual Integration Results

RT: 2.78
Area: 204327
Amount: 39.320979
Amount Units: ug/l



Reviewer: C1JX, 17-Mar-2025 19:17:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 23-Feb-2025 12:55:15 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68289.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	20-Feb-2025 11:39:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0187106-001				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\8260DW_9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	23-Feb-2025 12:55:15	Calib Date:	20-Feb-2025 15:17:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1684				
First Level Reviewer: RD6L		Date:	20-Feb-2025 11:46:42		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 140 BFB

QC Flag Legend

Processing Flags

Reagents:

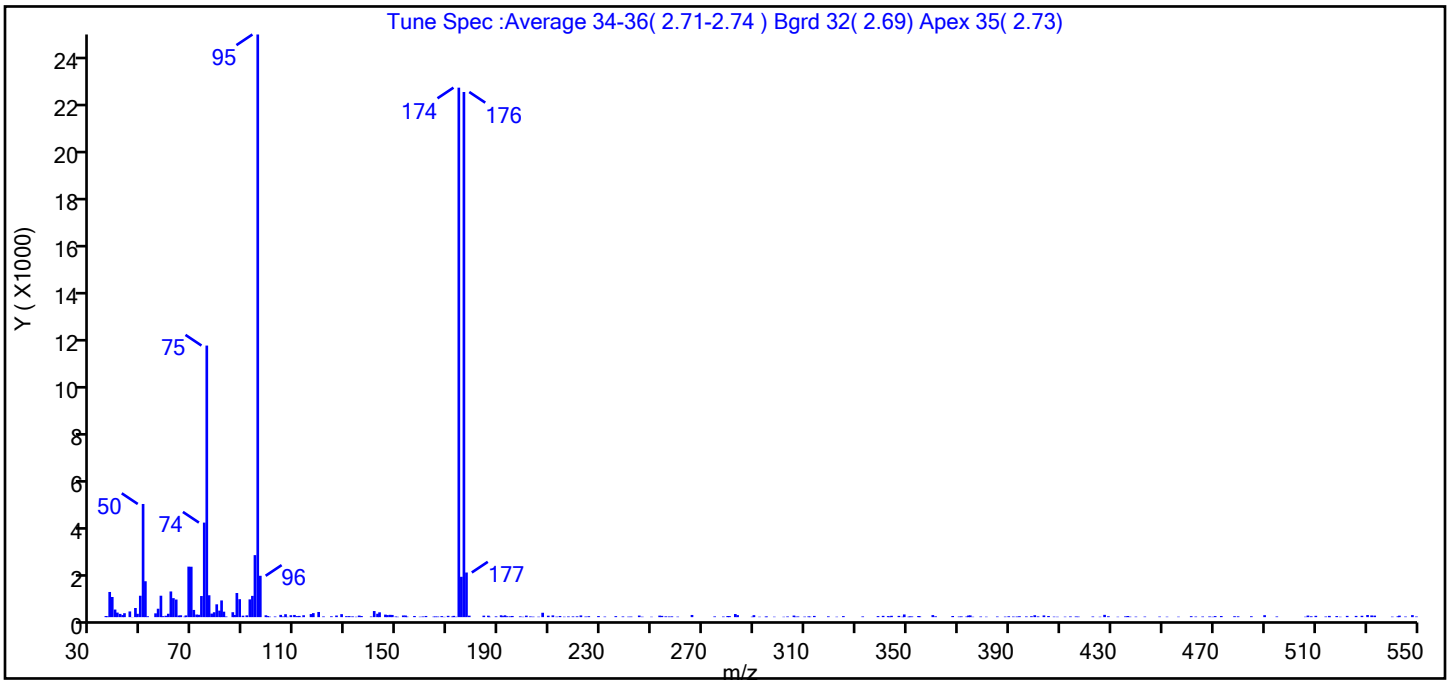
BFB_00038 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68289.D
Injection Date: 20-Feb-2025 11:39:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (110.0)
96	5 to 9% of m/z 95	7.1
173	<2% of m/z 174	0.1 (0.1)
174	50 to 200% of m/z 95	90.9
175	5 to 9% of m/z 174	6.9 (7.6)
176	95 to 105% of m/z 174	90.1 (99.2)
177	5 to 10% of m/z 176	7.7 (8.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68289.D\8260DW_9.rslt\spectra.d
Injection Date: 20-Feb-2025 11:39:30
Spectrum: Tune Spec :Average 34-36(2.71-2.74) Bgrd 32(2.69) Apex 35(2.73)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 272

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	47	111.00	53	215.00	19	375.00	74
36.00	34	112.00	3	217.00	29	376.00	17
37.00	1068	113.00	80	219.00	31	379.00	26
38.00	855	116.00	130	220.00	34	381.00	19
39.00	322	117.00	171	222.00	73	385.00	27
40.00	193	119.00	219	224.00	25	388.00	22
41.00	138	121.00	29	225.00	40	390.00	36
42.00	89	124.00	36	229.00	45	392.00	25
43.00	167	126.00	68	231.00	24	393.00	25
45.00	242	128.00	127	236.00	43	394.00	39
46.00	6	130.00	41	238.00	29	397.00	30
47.00	388	131.00	44	241.00	21	399.00	39
48.00	142	132.00	32	242.00	24	400.00	81
49.00	908	134.00	17	245.00	67	401.00	32
50.00	4801	135.00	67	246.00	19	404.00	73
51.00	1523	136.00	46	250.00	17	405.00	48
52.00	37	140.00	26	253.00	64	408.00	21
55.00	161	141.00	259	254.00	54	409.00	17
56.00	357	142.00	143	255.00	33	412.00	20
57.00	909	143.00	205	256.00	28	414.00	30
58.00	41	145.00	107	258.00	32	416.00	29
59.00	59	146.00	87	260.00	21	417.00	23
60.00	144	147.00	98	266.00	92	423.00	27
61.00	1090	148.00	93	274.00	31	426.00	17
62.00	806	149.00	26	278.00	25	427.00	97
63.00	747	150.00	15	280.00	47	429.00	37
64.00	70	152.00	71	280.00	44	433.00	17
65.00	79	153.00	69	282.00	132	436.00	33
66.00	20	154.00	23	283.00	85	436.00	48
67.00	73	157.00	49	289.00	18	437.00	20
68.00	2143	159.00	18	290.00	84	440.00	22
69.00	2139	160.00	29	292.00	18	443.00	24
70.00	306	161.00	50	294.00	22	449.00	24

Report Date: 23-Feb-2025 12:55:15 Chrom Revision: 2.3 18-Feb-2025 08:41:40
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68289.D\8260DW_9.rslt\spectra.d
Injection Date: 20-Feb-2025 11:39:30
Spectrum: Tune Spec :Average 34-36(2.71-2.74) Bgrd 32(2.69) Apex 35(2.73)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 272

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	110	164.00	24	295.00	26	452.00	19
72.00	100	165.00	29	298.00	18	456.00	19
73.00	896	166.00	25	302.00	16	461.00	41
74.00	4011	167.00	43	303.00	28	463.00	25
75.00	11522	168.00	12	306.00	67	466.00	26
76.00	928	170.00	56	306.00	22	469.00	29
77.00	151	171.00	25	307.00	29	470.00	16
78.00	208	172.00	54	310.00	22	471.00	46
79.00	544	173.00	17	311.00	31	473.00	47
80.00	276	174.00	22464	312.00	20	478.00	39
81.00	709	175.00	1712	314.00	52	480.00	34
82.00	232	176.00	22280	319.00	34	485.00	37
83.00	26	177.00	1894	322.00	18	490.00	83
85.00	209	178.00	63	325.00	44	495.00	29
86.00	92	184.00	63	332.00	30	506.00	18
87.00	1024	186.00	62	338.00	44	507.00	67
88.00	762	186.00	17	340.00	55	508.00	35
89.00	62	189.00	32	342.00	44	510.00	56
91.00	76	191.00	79	343.00	20	514.00	26
92.00	754	191.00	42	344.00	57	516.00	53
93.00	902	192.00	78	347.00	53	516.00	17
94.00	2631	193.00	38	348.00	17	518.00	46
95.00	24720	194.00	33	349.00	114	520.00	16
96.00	1755	195.00	50	350.00	17	523.00	54
98.00	79	198.00	32	351.00	32	526.00	53
99.00	44	199.00	16	352.00	29	528.00	58
100.00	22	200.00	64	354.00	48	531.00	90
102.00	26	202.00	30	355.00	31	532.00	72
104.00	96	203.00	21	360.00	87	533.00	65
105.00	26	205.00	19	361.00	35	540.00	21
106.00	124	207.00	186	368.00	49	542.00	34
107.00	14	209.00	61	370.00	25	543.00	64
108.00	82	211.00	75	371.00	31	546.00	25
110.00	93	212.00	21	373.00	28	548.00	86

Report Date: 23-Feb-2025 12:55:15 Chrom Revision: 2.3 18-Feb-2025 08:41:40
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68289.D\8260DW_9.rslt\spectra.d
Injection Date: 20-Feb-2025 11:39:30
Spectrum: Tune Spec :Average 34-36(2.71-2.74) Bgrd 32(2.69) Apex 35(2.73)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 272

m/z	Y	m/z	Y	m/z	Y	m/z	Y
110.00	43	214.00	49	374.00	69	550.00	26

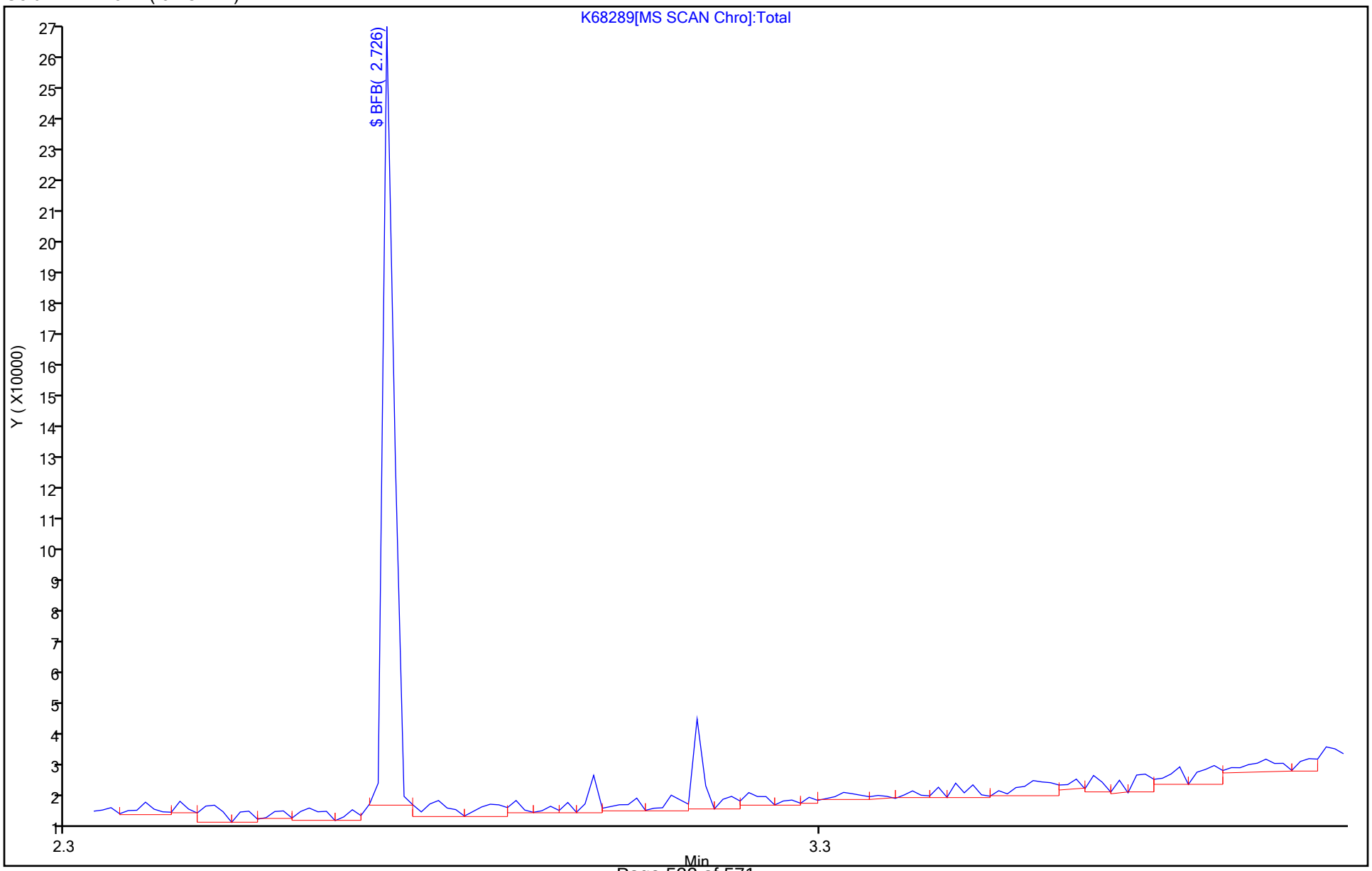
Report Date: 23-Feb-2025 12:55:15 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68289.D

Injection Date:	20-Feb-2025 11:39:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260DW_9	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1026344/9

Matrix: Water | Lab File ID: K69162.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/17/2025 21:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1026344/9

Matrix: Water | Lab File ID: K69162.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/17/2025 21:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1026344/9

Matrix: Water | Lab File ID: K69162.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/17/2025 21:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	81		77-132
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69162.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Mar-2025 21:46:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0188072-009
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:25:27 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: NN6A Date: 18-Mar-2025 10:25:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.022	1.999	0.023	99	466950	1000.0	1000.0	a
* 43 2-Butanone-d5	46	2.730	2.730	0.000	100	446282	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.119	3.119	0.000	95	186938	50.0	40.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.382	3.382	0.000	97	198983	50.0	44.9	
* 65 Fluorobenzene	96	3.668	3.668	0.000	99	852730	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.285	4.285	0.000	41	37161	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	99	764100	50.0	46.2	
* 94 Chlorobenzene-d5	117	7.085	7.085	0.000	86	670724	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	89	292588	50.0	51.3	
* 120 1,4-Dichlorobenzene-d4	152	10.583	10.583	0.000	96	401028	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00253 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 18-Mar-2025 10:25:29 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69162.D

Injection Date: 17-Mar-2025 21:46:30 Instrument ID: CVOAMS9 Operator ID:

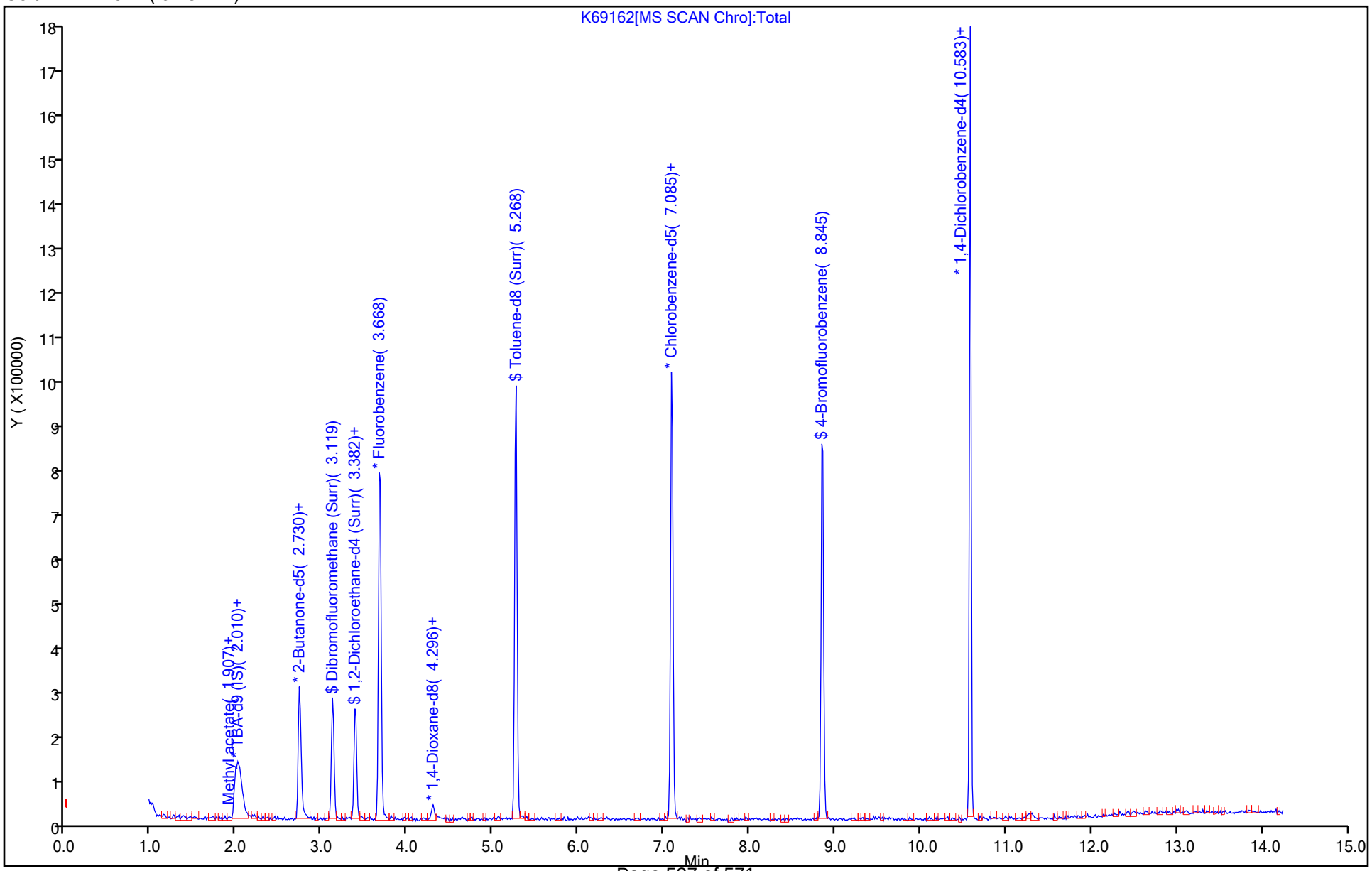
Lims ID: MB Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69162.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Mar-2025 21:46:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0188072-009
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:25:27 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: NN6A Date: 18-Mar-2025 10:25:27

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	40.6	81.21
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.9	89.71
$ 83 Toluene-d8 (Surr)	50.0	46.2	92.31
$ 105 4-Bromofluorobenzene	50.0	51.3	102.54

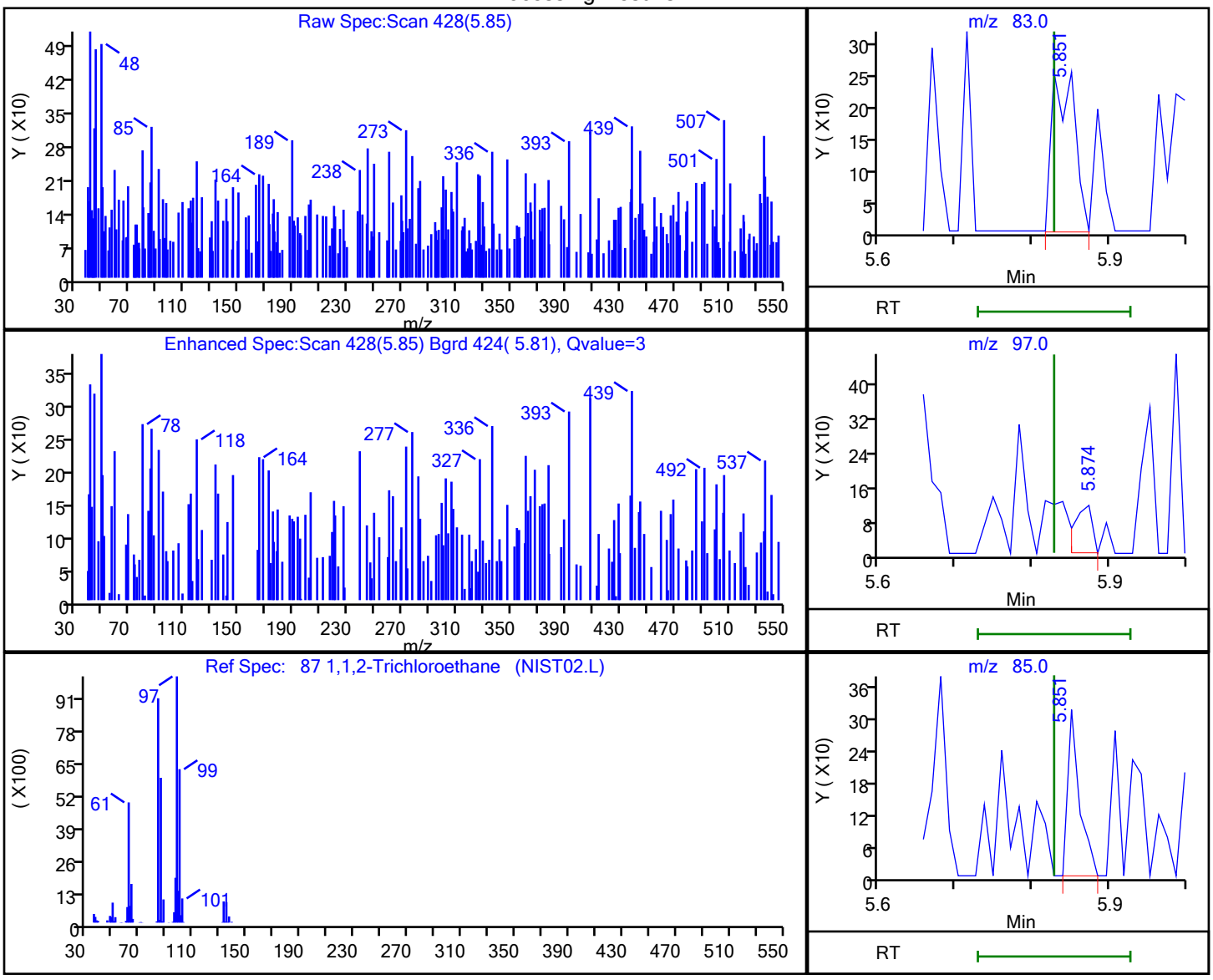
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69162.D
Injection Date: 17-Mar-2025 21:46:30 Instrument ID: CVOAMS9
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
5.85	83.00	517	0.174798
5.87	97.00	184	
5.85	85.00	340	

Reviewer: C1JX, 17-Mar-2025 22:13:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

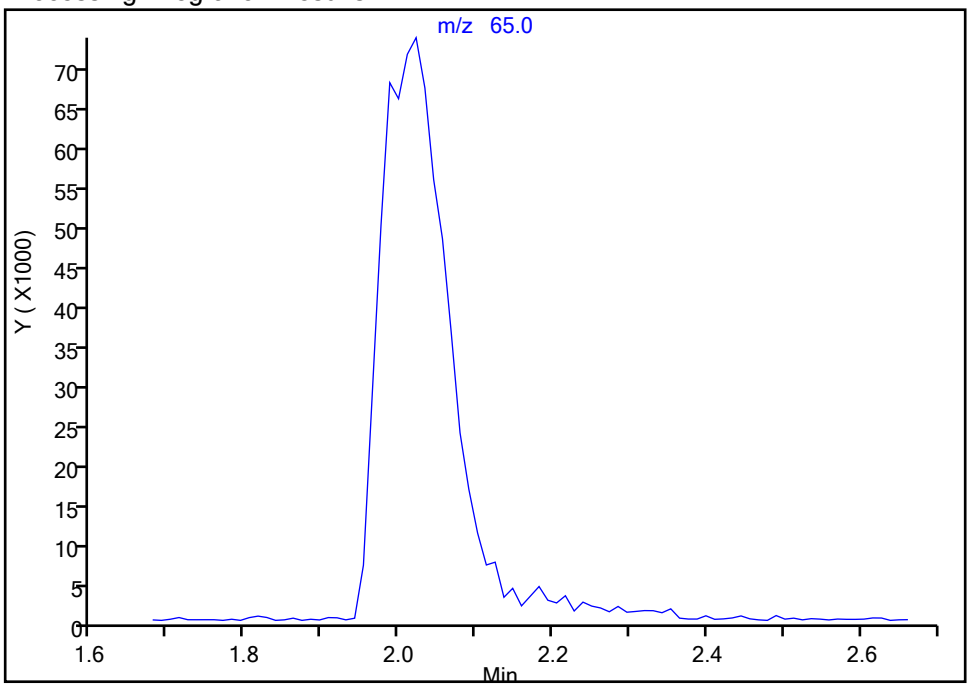
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69162.D
Injection Date: 17-Mar-2025 21:46:30 Instrument ID: CVOAMS9
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

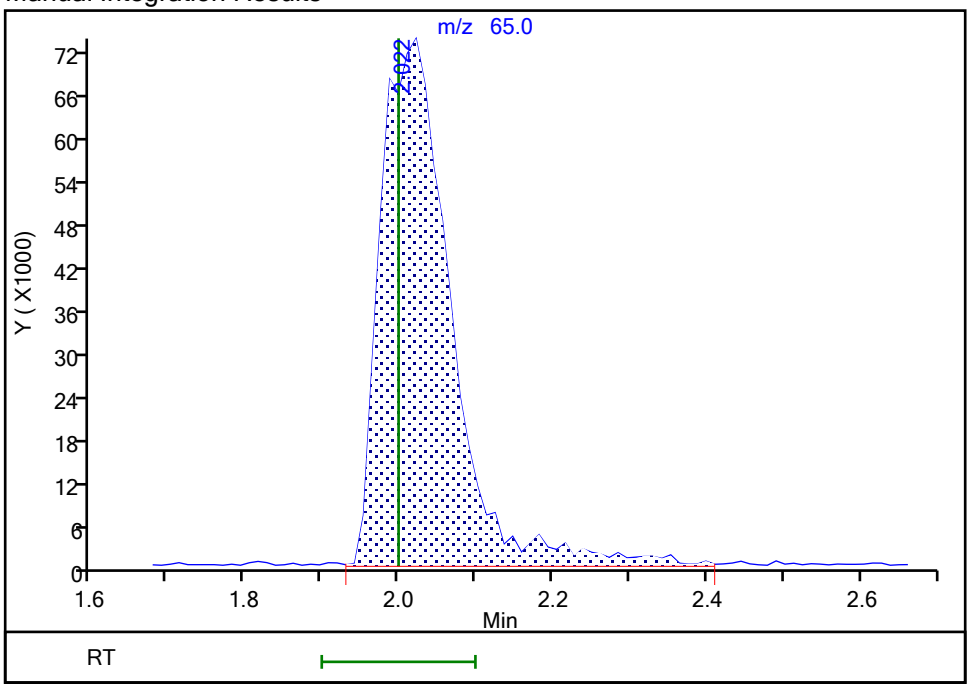
Not Detected
Expected RT: 2.00

Processing Integration Results



Manual Integration Results

RT: 2.02
Area: 466950
Amount: 1000.0000
Amount Units: ug/l



Reviewer: C1JX, 17-Mar-2025 22:12:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1026344/4

Matrix: Water | Lab File ID: K69157.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/17/2025 19:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.3		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13.0		1.0	0.31
79-00-5	1,1,2-Trichloroethane	22.8		0.58	0.19
75-34-3	1,1-Dichloroethane	22.2		1.0	0.26
75-35-4	1,1-Dichloroethene	13.9		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	15.6		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	18.1		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	19.5		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.21
107-06-2	1,2-Dichloroethane	20.0		0.30	0.087
78-87-5	1,2-Dichloropropane	21.2		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	19.6		1.0	0.33
541-73-1	1,3-Dichlorobenzene	19.0		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.2		1.0	0.33
78-93-3	2-Butanone (MEK)	92.9		5.0	3.9
591-78-6	2-Hexanone	115		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	106		5.0	1.3
67-64-1	Acetone	64.9		5.0	4.4
71-43-2	Benzene	17.8		0.45	0.070
75-25-2	Bromoform	19.2		1.0	0.54
74-83-9	Bromomethane	14.3		1.0	0.55
75-15-0	Carbon disulfide	14.8		1.0	0.82
56-23-5	Carbon tetrachloride	17.4		1.0	0.21
108-90-7	Chlorobenzene	18.9		1.0	0.38
74-97-5	Chlorobromomethane	16.6		1.0	0.41
124-48-1	Chlorodibromomethane	18.4		0.78	0.086
75-00-3	Chloroethane	16.4		1.0	0.32
67-66-3	Chloroform	21.5		1.0	0.33
74-87-3	Chloromethane	14.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.1		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1026344/4

Matrix: Water | Lab File ID: K69157.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/17/2025 19:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	22.6		0.45	0.069
110-82-7	Cyclohexane	17.6		1.0	0.32
75-27-4	Dichlorobromomethane	21.2		0.98	0.15
75-71-8	Dichlorodifluoromethane	9.75		1.0	0.31
100-41-4	Ethylbenzene	18.9		1.0	0.30
106-93-4	Ethylene Dibromide	21.1		1.0	0.50
98-82-8	Isopropylbenzene	19.2		1.0	0.34
79-20-9	Methyl acetate	43.7		5.0	0.79
1634-04-4	Methyl tert-butyl ether	22.0		1.0	0.22
108-87-2	Methylcyclohexane	15.8		1.0	0.71
75-09-2	Methylene Chloride	19.6		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	19.8		1.0	0.30
104-51-8	n-Butylbenzene	20.2		1.0	0.32
103-65-1	N-Propylbenzene	21.3		1.0	0.32
95-47-6	o-Xylene	19.4		1.0	0.36
135-98-8	sec-Butylbenzene	18.9		1.0	0.37
100-42-5	Styrene	22.0		1.0	0.42
98-06-6	tert-Butylbenzene	17.7		1.0	0.34
127-18-4	Tetrachloroethene	15.5		0.40	0.28
108-88-3	Toluene	19.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.7		0.45	0.12
79-01-6	Trichloroethene	16.9		0.28	0.074
75-69-4	Trichlorofluoromethane	13.4		1.0	0.32
75-01-4	Vinyl chloride	14.1		1.0	0.40
1330-20-7	Xylenes, Total	39.1		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1026344/4

Matrix: Water | Lab File ID: K69157.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/17/2025 19:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	95		80-120

Report Date: 18-Mar-2025 10:22:59 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69157.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Mar-2025 19:45:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0188072-004
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:15:21 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: NN6A Date: 18-Mar-2025 10:22:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.073	1.050	0.023	50	23146	20.0	6.94	
5 Chlorodifluoromethane	67	1.096	1.073	0.023	95	23333	20.0	14.4	
3 Dichlorodifluoromethane	85	1.084	1.073	0.011	47	141627	20.0	9.75	
6 Chloromethane	50	1.187	1.176	0.011	98	236012	20.0	14.3	
8 Butadiene	54	1.233	1.210	0.023	93	153338	20.0	13.6	
7 Vinyl chloride	62	1.244	1.233	0.011	77	141706	20.0	14.1	
9 Bromomethane	94	1.404	1.382	0.022	99	103884	20.0	14.3	
10 Chloroethane	64	1.416	1.393	0.023	95	89657	20.0	16.4	
11 Dichlorofluoromethane	67	1.519	1.507	0.012	99	241718	20.0	17.5	
13 Pentane	57	1.530	1.519	0.011	99	26579	40.0	20.0	
12 Trichlorofluoromethane	101	1.565	1.553	0.011	97	137173	20.0	13.4	
14 Ethanol	46	1.633	1.599	0.034	68	20396	800.0	845.3	
15 Ethyl ether	59	1.622	1.610	0.012	94	72816	20.0	18.9	
17 2-Methyl-1,3-butadiene	53	1.645	1.633	0.012	96	67145	20.0	14.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.645	1.668	-0.023	86	84126	20.0	14.4	
19 Acrolein	56	1.690	1.679	0.011	41	19143	40.0	63.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.690	1.679	0.011	84	138637	20.0	15.4	
20 1,1-Dichloroethene	96	1.759	1.748	0.011	98	75260	20.0	13.9	
22 Acetone	58	1.759	1.759	0.000	79	35314	100.0	64.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.805	1.793	0.012	98	83582	20.0	13.0	
24 Isopropyl alcohol	45	1.827	1.816	0.011	28	42881	200.0	173.1	
23 Iodomethane	142	1.850	1.839	0.011	98	151500	20.0	13.9	
27 3-Chloro-1-propene	76	1.896	1.885	0.011	95	291228	20.0	14.7	a
25 Carbon disulfide	76	1.896	1.885	0.011	99	292878	20.0	14.8	M
26 Acetonitrile	40	1.942	1.930	0.012	81	83420	200.0	246.4	
28 Methyl acetate	43	1.930	1.930	0.000	62	130458	40.0	43.7	
29 Cyclopentene	67	1.999	1.988	0.011	91	206957	20.0	16.3	
* 31 TBA-d9 (IS)	65	2.010	1.999	0.011	95	528303	1000.0	1000.0	
30 Methylene Chloride	84	2.010	1.999	0.011	94	115855	20.0	19.6	
32 2-Methyl-2-propanol	59	2.056	2.068	-0.012	94	106729	200.0	223.5	
33 Acrylonitrile	53	2.136	2.125	0.011	95	383706	200.0	245.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.159	2.159	0.000	94	93723	20.0	18.9	
35 Methyl tert-butyl ether	73	2.170	2.159	0.011	96	322062	20.0	22.0	
36 Hexane	57	2.319	2.308	0.011	95	66703	20.0	12.5	
37 1,1-Dichloroethane	63	2.410	2.399	0.011	99	178208	20.0	22.2	
38 Vinyl acetate	86	2.433	2.422	0.011	100	27393	40.0	27.9	
39 Isopropyl ether	45	2.456	2.445	0.011	91	365260	20.0	25.0	
40 2-Chloro-1,3-butadiene	88	2.467	2.456	0.011	89	79243	20.0	18.9	
41 Tert-butyl ethyl ether	59	2.696	2.685	0.011	90	384658	20.0	26.4	
* 43 2-Butanone-d5	46	2.742	2.730	0.012	100	489300	250.0	250.0	
47 Ethyl acetate	43	2.810	2.776	0.034	95	349070	40.0	37.7	a
46 2-Butanone (MEK)	72	2.787	2.776	0.011	98	49376	100.0	92.9	
45 cis-1,2-Dichloroethene	96	2.787	2.776	0.011	97	103121	20.0	20.1	
44 2,2-Dichloropropane	97	2.810	2.788	0.022	71	35692	20.0	19.1	
42 Propionitrile	54	2.822	2.822	0.000	95	132329	200.0	195.4	
48 Methyl acrylate	55	2.856	2.845	0.011	99	92807	20.0	23.0	
50 Methacrylonitrile	67	2.936	2.925	0.011	93	373935	200.0	230.4	
49 Chlorobromomethane	128	2.959	2.948	0.011	96	45933	20.0	16.6	
51 Tetrahydrofuran	42	2.982	2.982	0.000	41	51871	40.0	36.6	
52 Chloroform	83	3.005	3.005	0.000	99	169473	20.0	21.5	
$ 53 Dibromofluoromethane (Surr)	113	3.130	3.119	0.011	95	206834	50.0	41.9	
54 1,1,1-Trichloroethane	97	3.176	3.165	0.011	99	140667	20.0	18.2	
55 Cyclohexane	84	3.222	3.211	0.011	95	127860	20.0	17.6	
57 1,1-Dichloropropene	75	3.279	3.279	0.000	96	101056	20.0	17.7	
56 Carbon tetrachloride	117	3.302	3.291	0.011	96	113336	20.0	17.4	
61 Isobutyl alcohol	43	3.359	3.359	0.000	95	118047	500.0	713.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.393	3.382	0.011	98	218171	50.0	45.8	
59 Benzene	78	3.450	3.439	0.011	95	356205	20.0	17.8	
60 1,2-Dichloroethane	62	3.450	3.451	-0.001	93	114122	20.0	20.0	
63 Isopropyl acetate	61	3.508	3.496	0.012	96	35398	20.0	21.6	
62 Isooctane	57	3.530	3.519	0.011	95	215954	20.0	16.3	
64 Tert-amyl methyl ether	73	3.553	3.542	0.011	92	315124	20.0	23.5	
* 65 Fluorobenzene	96	3.679	3.668	0.011	99	914774	50.0	50.0	
66 n-Heptane	43	3.679	3.679	0.000	81	71323	20.0	15.3	
68 n-Butanol	56	3.942	3.942	0.000	78	57402	500.0	671.1	
67 Trichloroethene	95	4.010	3.999	0.011	97	77149	20.0	16.9	
69 Ethyl acrylate	55	4.113	4.113	0.000	97	100306	20.0	23.6	
70 Methylcyclohexane	83	4.205	4.193	0.012	94	122789	20.0	15.8	
71 1,2-Dichloropropane	63	4.216	4.205	0.011	93	96633	20.0	21.2	
* 72 1,4-Dioxane-d8	96	4.296	4.285	0.011	71	45400	1000.0	1000.0	
73 Dibromomethane	93	4.319	4.319	0.000	97	52022	20.0	18.2	
75 Methyl methacrylate	100	4.342	4.342	0.000	96	43904	40.0	42.7	
74 1,4-Dioxane	88	4.342	4.342	0.000	29	22563	400.0	567.7	
76 n-Propyl acetate	43	4.411	4.411	-0.001	99	123675	20.0	26.9	
77 Dichlorobromomethane	83	4.491	4.479	0.012	99	114448	20.0	21.2	
78 2-Nitropropane	41	4.719	4.719	0.000	96	39163	40.0	61.7	
79 2-Chloroethyl vinyl ether	63	4.822	4.811	0.011	96	57967	20.0	21.9	
80 Epichlorohydrin	57	4.868	4.868	0.000	99	182792	400.0	435.9	
81 cis-1,3-Dichloropropene	75	4.971	4.959	0.012	93	146914	20.0	22.6	
82 4-Methyl-2-pentanone (MIBK)	43	5.153	5.154	-0.001	98	477171	100.0	105.5	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	99	847544	50.0	47.7	
84 Toluene	91	5.348	5.336	0.012	92	369793	20.0	19.1	
85 trans-1,3-Dichloropropene	75	5.611	5.611	0.000	97	123837	20.0	21.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	5.771	5.759	0.012	91	116184	20.0	22.7	
87 1,1,2-Trichloroethane	83	5.828	5.828	0.000	96	72387	20.0	22.8	
88 Tetrachloroethene	166	5.999	5.999	0.000	98	76620	20.0	15.5	
89 1,3-Dichloropropane	76	6.034	6.034	0.000	94	137692	20.0	21.5	
90 2-Hexanone	43	6.182	6.182	0.000	98	315311	100.0	115.1	
91 Chlorodibromomethane	129	6.308	6.308	0.000	97	88430	20.0	18.4	
92 n-Butyl acetate	43	6.388	6.388	0.000	99	147190	20.0	26.3	
93 Ethylene Dibromide	107	6.445	6.445	0.000	98	87217	20.0	21.1	
* 94 Chlorobenzene-d5	117	7.096	7.085	0.011	86	719247	50.0	50.0	
95 Chlorobenzene	112	7.131	7.131	0.000	93	237176	20.0	18.9	
96 1,1,1,2-Tetrachloroethane	131	7.268	7.268	0.000	96	93876	20.0	18.0	
97 Ethylbenzene	106	7.325	7.325	0.000	98	131123	20.0	18.9	
98 m-Xylene & p-Xylene	106	7.497	7.497	0.000	97	163238	20.0	19.8	
99 o-Xylene	106	8.068	8.068	0.000	92	169605	20.0	19.4	
100 Styrene	104	8.091	8.091	0.000	96	294208	20.0	22.0	
101 n-Butyl acrylate	73	8.125	8.125	0.000	99	81064	20.0	24.3	
102 Bromoform	173	8.319	8.320	-0.001	95	53555	20.0	19.2	
103 Amyl acetate (mixed isomers)	43	8.502	8.502	0.000	90	191062	20.0	25.6	
104 Isopropylbenzene	105	8.651	8.651	0.000	95	402790	20.0	19.2	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	89	323299	50.0	52.8	
106 Bromobenzene	156	9.051	9.040	0.011	98	110670	20.0	18.0	
107 1,1,2,2-Tetrachloroethane	83	9.142	9.143	-0.001	99	133365	20.0	22.3	
108 1,2,3-Trichloropropane	75	9.165	9.177	-0.012	99	98381	20.0	24.7	
109 trans-1,4-Dichloro-2-butene	75	9.234	9.234	0.000	85	21876	20.0	19.4	
110 N-Propylbenzene	91	9.302	9.303	-0.001	98	559303	20.0	21.3	
111 2-Chlorotoluene	91	9.382	9.383	-0.001	96	345298	20.0	22.1	
112 4-Ethyltoluene	105	9.497	9.497	0.000	99	446391	20.0	19.8	
113 4-Chlorotoluene	91	9.565	9.565	0.000	98	347589	20.0	21.9	
114 1,3,5-Trimethylbenzene	105	9.611	9.611	0.000	92	391482	20.0	19.6	
115 Butyl Methacrylate	87	9.874	9.874	0.000	93	139337	20.0	21.6	
116 tert-Butylbenzene	119	10.114	10.125	-0.011	92	292782	20.0	17.7	
117 1,2,4-Trimethylbenzene	105	10.194	10.194	0.000	97	406360	20.0	19.5	
118 sec-Butylbenzene	105	10.423	10.423	0.000	99	490144	20.0	18.9	
119 1,3-Dichlorobenzene	146	10.503	10.503	0.000	95	227127	20.0	19.0	
* 120 1,4-Dichlorobenzene-d4	152	10.583	10.583	0.000	96	440066	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.605	10.606	-0.001	94	230339	20.0	18.2	
122 4-Isopropyltoluene	119	10.617	10.617	0.000	98	428793	20.0	17.8	
123 1,2,3-Trimethylbenzene	105	10.697	10.697	0.000	99	473512	20.0	20.6	
124 Benzyl chloride	126	10.765	10.777	-0.012	98	42217	20.0	23.4	
125 2,3-Dihydroindene	117	10.868	10.868	0.000	94	412309	20.0	19.4	
126 1,2-Dichlorobenzene	146	10.971	10.971	0.000	94	234692	20.0	19.2	
127 p-Diethylbenzene	119	11.005	11.006	-0.001	94	265398	20.0	18.7	
128 n-Butylbenzene	92	11.017	11.017	0.000	97	235850	20.0	20.2	
129 1,2-Dibromo-3-Chloropropane	157	11.611	11.611	0.000	89	27384	20.0	20.0	
130 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	97	462915	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	11.760	11.760	0.000	95	183063	20.0	16.8	
132 1,2,4-Trichlorobenzene	180	12.148	12.149	-0.001	93	175035	20.0	18.1	
133 Hexachlorobutadiene	225	12.274	12.263	0.011	95	51329	20.0	14.2	
134 Naphthalene	128	12.286	12.286	0.000	99	436774	20.0	21.3	
135 1,2,3-Trichlorobenzene	180	12.434	12.434	0.000	94	157193	20.0	15.6	
S 137 1,2-Dichloroethene, Total	100				0		40.0	39.0	
S 138 Xylenes, Total	100				0		40.0	39.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	94.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00201	Amount Added:	20.00	Units: uL	
ACROLEIN W_00181	Amount Added:	4.00	Units: uL	
524FREONS_00031	Amount Added:	20.00	Units: uL	
GASES Li_00631	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 18-Mar-2025 10:22:59 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69157.D

Injection Date: 17-Mar-2025 19:45:30 Instrument ID: CVOAMS9 Operator ID:

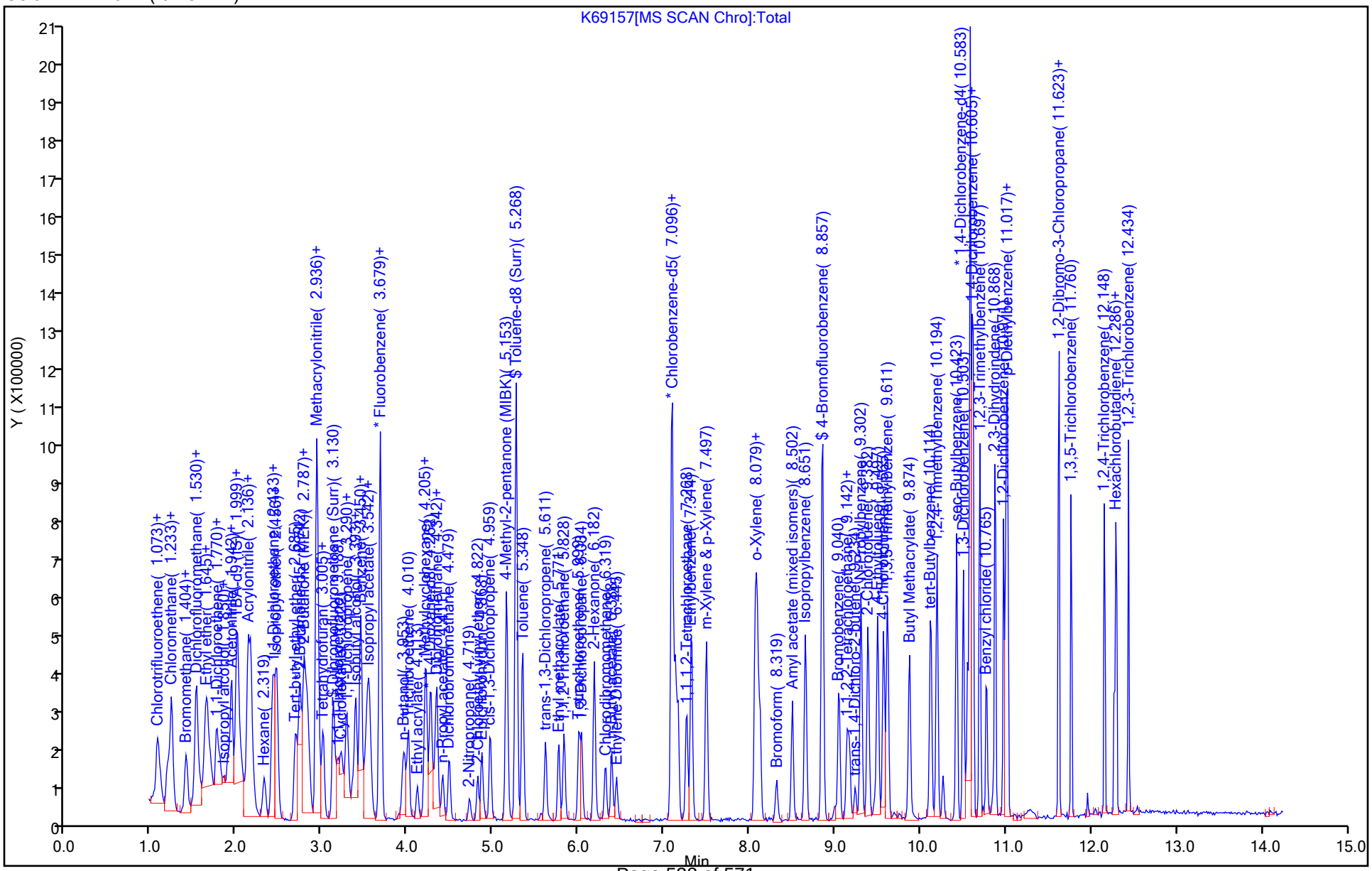
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69157.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Mar-2025 19:45:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0188072-004
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:15:21 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: NN6A Date: 18-Mar-2025 10:22:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.9	83.75
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.8	91.69
$ 83 Toluene-d8 (Surr)	50.0	47.7	95.48
$ 105 4-Bromofluorobenzene	50.0	52.8	105.66

Manual Integration/User Assign Peak Report

Eurofins Edison

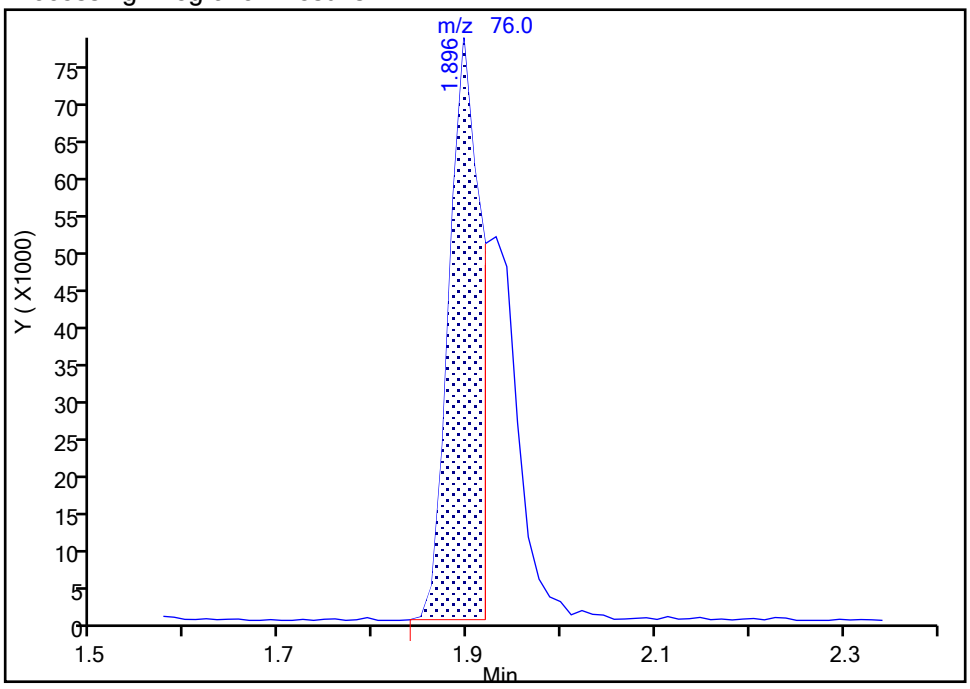
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69157.D
Injection Date: 17-Mar-2025 19:45:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

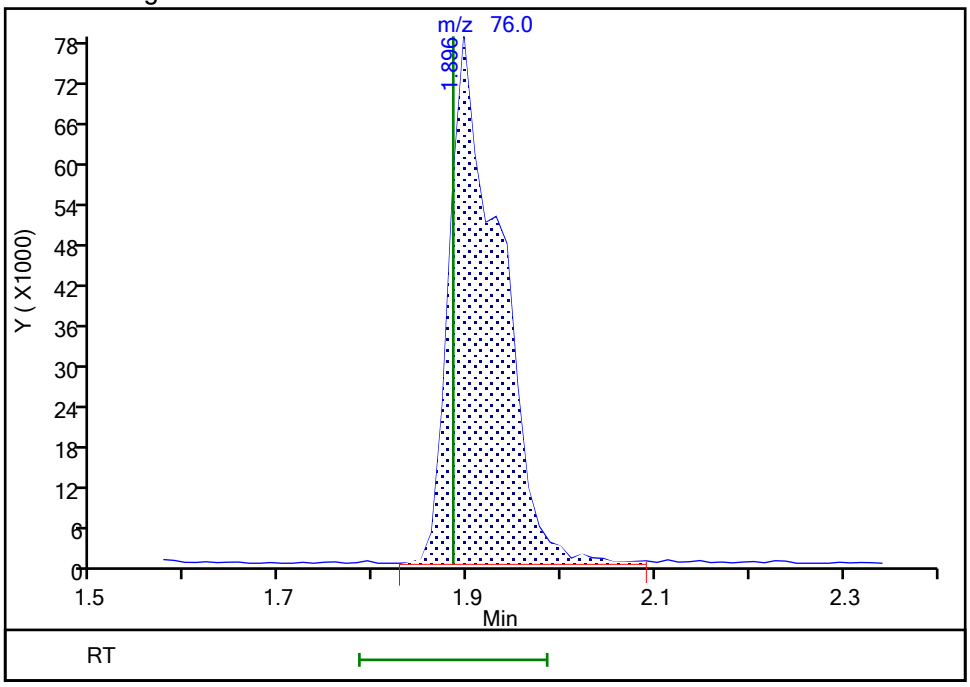
Processing Integration Results

RT: 1.90
Area: 188065
Amount: 9.479928
Amount Units: ug/l



Manual Integration Results

RT: 1.90
Area: 292878
Amount: 14.763312
Amount Units: ug/l



Reviewer: C1JX, 17-Mar-2025 20:20:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-08_03122025 MS | Lab Sample ID: 460-322068-1 MS

Matrix: Water | Lab File ID: K69171.D

Analysis Method: 8260D | Date Collected: 03/12/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 01:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.2		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14.0		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.7		0.58	0.19
75-34-3	1,1-Dichloroethane	21.7		1.0	0.26
75-35-4	1,1-Dichloroethene	14.3		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	13.0		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	16.2		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	20.8		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	16.8		1.0	0.38
95-50-1	1,2-Dichlorobenzene	17.3		1.0	0.21
107-06-2	1,2-Dichloroethane	18.6		0.30	0.087
78-87-5	1,2-Dichloropropane	19.0		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	17.9		1.0	0.33
541-73-1	1,3-Dichlorobenzene	17.6		1.0	0.34
106-46-7	1,4-Dichlorobenzene	16.5		1.0	0.33
78-93-3	2-Butanone (MEK)	76.6		5.0	3.9
591-78-6	2-Hexanone	104		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	100		5.0	1.3
67-64-1	Acetone	61.2		5.0	4.4
71-43-2	Benzene	15.8		0.45	0.070
75-25-2	Bromoform	17.4		1.0	0.54
74-83-9	Bromomethane	16.5		1.0	0.55
75-15-0	Carbon disulfide	9.91		1.0	0.82
56-23-5	Carbon tetrachloride	18.1		1.0	0.21
108-90-7	Chlorobenzene	17.9		1.0	0.38
74-97-5	Chlorobromomethane	15.8		1.0	0.41
124-48-1	Chlorodibromomethane	15.4		0.78	0.086
75-00-3	Chloroethane	17.7		1.0	0.32
67-66-3	Chloroform	20.4		1.0	0.33
74-87-3	Chloromethane	17.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.6		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-08_03122025 MS | Lab Sample ID: 460-322068-1 MS

Matrix: Water | Lab File ID: K69171.D

Analysis Method: 8260D | Date Collected: 03/12/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 01:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	19.0		0.45	0.069
110-82-7	Cyclohexane	15.1		1.0	0.32
75-27-4	Dichlorobromomethane	21.6		0.98	0.15
75-71-8	Dichlorodifluoromethane	10.5		1.0	0.31
100-41-4	Ethylbenzene	19.1		1.0	0.30
106-93-4	Ethylene Dibromide	16.9		1.0	0.50
98-82-8	Isopropylbenzene	18.3		1.0	0.34
79-20-9	Methyl acetate	36.5		5.0	0.79
1634-04-4	Methyl tert-butyl ether	21.8		1.0	0.22
108-87-2	Methylcyclohexane	15.1		1.0	0.71
75-09-2	Methylene Chloride	18.2		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	18.5		1.0	0.30
104-51-8	n-Butylbenzene	19.0		1.0	0.32
103-65-1	N-Propylbenzene	18.8		1.0	0.32
95-47-6	o-Xylene	17.2		1.0	0.36
135-98-8	sec-Butylbenzene	17.3		1.0	0.37
100-42-5	Styrene	18.8		1.0	0.42
98-06-6	tert-Butylbenzene	16.6		1.0	0.34
127-18-4	Tetrachloroethene	15.6		0.40	0.28
108-88-3	Toluene	17.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.5		0.45	0.12
79-01-6	Trichloroethene	17.2		0.28	0.074
75-69-4	Trichlorofluoromethane	14.0		1.0	0.32
75-01-4	Vinyl chloride	18.0		1.0	0.40
1330-20-7	Xylenes, Total	35.8		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-08_03122025 MS | Lab Sample ID: 460-322068-1 MS

Matrix: Water | Lab File ID: K69171.D

Analysis Method: 8260D | Date Collected: 03/12/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 01:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	80		77-132
2037-26-5	Toluene-d8 (Surr)	88		80-120

Report Date: 18-Mar-2025 10:28:25 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69171.D
Lims ID: 460-322068-A-1 MS
Client ID: MW-08_03122025
Sample Type: MS
Inject. Date: 18-Mar-2025 01:25:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-322068-A-1 MS
Misc. Info.: 460-0188072-018
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:28:24 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: KG2Q Date: 18-Mar-2025 08:08:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.050	1.050	0.000	48	22735	20.0	7.38	
5 Chlorodifluoromethane	67	1.073	1.073	0.000	94	23699	20.0	16.0	
3 Dichlorodifluoromethane	85	1.073	1.073	0.000	44	139584	20.0	10.5	
6 Chloromethane	50	1.176	1.176	0.000	99	257056	20.0	17.1	
8 Butadiene	54	1.222	1.210	0.012	95	164302	20.0	15.9	
7 Vinyl chloride	62	1.233	1.233	0.000	98	164443	20.0	18.0	
9 Bromomethane	94	1.382	1.382	0.000	99	109321	20.0	16.5	
10 Chloroethane	64	1.405	1.393	0.011	82	88435	20.0	17.7	
11 Dichlorofluoromethane	67	1.507	1.507	0.000	99	240643	20.0	19.1	
13 Pentane	57	1.519	1.519	0.000	93	28385	40.0	23.5	
12 Trichlorofluoromethane	101	1.553	1.553	0.000	96	130785	20.0	14.0	
14 Ethanol	46	1.610	1.599	0.011	64	17421	800.0	744.9	M
15 Ethyl ether	59	1.622	1.610	0.012	95	56073	20.0	15.8	
17 2-Methyl-1,3-butadiene	53	1.633	1.633	0.000	86	55549	20.0	13.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.656	1.668	-0.012	84	79606	20.0	14.9	
19 Acrolein	56	1.690	1.679	0.011	85	20400	40.0	69.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.702	1.679	0.023	92	132139	20.0	16.1	a
20 1,1-Dichloroethene	96	1.747	1.748	-0.001	97	70848	20.0	14.3	
22 Acetone	58	1.759	1.759	0.000	76	30787	100.0	61.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.805	1.793	0.012	96	82081	20.0	14.0	
24 Isopropyl alcohol	45	1.816	1.816	0.000	44	38313	200.0	159.6	
23 Iodomethane	142	1.839	1.839	0.000	99	129241	20.0	13.0	
27 3-Chloro-1-propene	76	1.885	1.885	0.000	94	242555	20.0	13.4	a
25 Carbon disulfide	76	1.885	1.885	0.000	99	179246	20.0	9.91	
26 Acetonitrile	40	1.930	1.930	0.000	82	70298	200.0	213.6	
28 Methyl acetate	43	1.930	1.930	0.000	60	105911	40.0	36.5	
29 Cyclopentene	67	1.987	1.988	-0.001	92	163103	20.0	14.1	
* 31 TBA-d9 (IS)	65	2.010	1.999	0.011	97	512062	1000.0	1000.0	
30 Methylene Chloride	84	1.999	1.999	0.000	93	97994	20.0	18.2	
32 2-Methyl-2-propanol	59	2.067	2.068	-0.001	33	96711	200.0	209.0	
33 Acrylonitrile	53	2.125	2.125	0.000	94	323078	200.0	227.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.159	2.159	0.000	95	77343	20.0	17.1	
35 Methyl tert-butyl ether	73	2.170	2.159	0.011	91	290303	20.0	21.8	
36 Hexane	57	2.319	2.308	0.011	93	60121	20.0	12.3	
37 1,1-Dichloroethane	63	2.399	2.399	0.000	92	158822	20.0	21.7	
38 Vinyl acetate	86	2.410	2.422	-0.012	100	28705	40.0	31.6	
39 Isopropyl ether	45	2.445	2.445	0.000	90	322266	20.0	24.2	
40 2-Chloro-1,3-butadiene	88	2.456	2.456	0.000	89	75579	20.0	19.8	
41 Tert-butyl ethyl ether	59	2.673	2.685	-0.012	88	330041	20.0	24.8	
* 43 2-Butanone-d5	46	2.730	2.730	0.000	100	452288	250.0	250.0	
47 Ethyl acetate	43	2.810	2.776	0.034	98	288610	40.0	33.8	a
46 2-Butanone (MEK)	72	2.776	2.776	0.000	98	37646	100.0	76.6	
45 cis-1,2-Dichloroethene	96	2.788	2.776	0.012	96	87129	20.0	18.6	
44 2,2-Dichloropropane	97	2.810	2.788	0.022	92	33861	20.0	19.9	M
42 Propionitrile	54	2.822	2.822	0.000	94	108441	200.0	165.2	
48 Methyl acrylate	55	2.845	2.845	0.000	65	78193	20.0	21.3	
50 Methacrylonitrile	67	2.925	2.925	0.000	93	316006	200.0	213.6	
49 Chlorobromomethane	128	2.948	2.948	0.000	97	39812	20.0	15.8	
51 Tetrahydrofuran	42	2.982	2.982	0.000	85	45387	40.0	34.6	
52 Chloroform	83	3.005	3.005	0.000	99	146513	20.0	20.4	
$ 53 Dibromofluoromethane (Surr)	113	3.119	3.119	0.000	95	181155	50.0	40.2	
54 1,1,1-Trichloroethane	97	3.165	3.165	0.000	98	135544	20.0	19.2	
55 Cyclohexane	84	3.222	3.211	0.011	90	100199	20.0	15.1	
57 1,1-Dichloropropene	75	3.279	3.279	0.000	98	95784	20.0	18.4	
56 Carbon tetrachloride	117	3.290	3.291	-0.001	83	107534	20.0	18.1	
61 Isobutyl alcohol	43	3.359	3.359	0.000	71	89085	500.0	555.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.382	3.382	0.000	97	198421	50.0	45.7	
59 Benzene	78	3.439	3.439	0.000	94	307716	20.0	15.8	
60 1,2-Dichloroethane	62	3.450	3.451	-0.001	57	96502	20.0	18.6	
63 Isopropyl acetate	61	3.496	3.496	0.000	74	32679	20.0	21.9	
62 Isooctane	57	3.519	3.519	0.000	95	179805	20.0	15.0	
64 Tert-amyl methyl ether	73	3.542	3.542	0.000	94	270043	20.0	22.1	
* 65 Fluorobenzene	96	3.679	3.668	0.011	98	834017	50.0	50.0	
66 n-Heptane	43	3.679	3.679	0.000	40	55573	20.0	13.1	
68 n-Butanol	56	3.942	3.942	0.000	58	47039	500.0	567.4	
67 Trichloroethene	95	4.010	3.999	0.011	98	71653	20.0	17.2	
69 Ethyl acrylate	55	4.102	4.113	-0.011	98	90616	20.0	23.4	
70 Methylcyclohexane	83	4.205	4.193	0.012	97	107043	20.0	15.1	
71 1,2-Dichloropropane	63	4.216	4.205	0.011	93	79191	20.0	19.0	
* 72 1,4-Dioxane-d8	96	4.296	4.285	0.011	72	43130	1000.0	1000.0	
73 Dibromomethane	93	4.319	4.319	0.000	96	44988	20.0	17.2	
75 Methyl methacrylate	100	4.342	4.342	0.000	93	38101	40.0	40.6	
74 1,4-Dioxane	88	4.342	4.342	0.000	29	13529	400.0	358.3	
76 n-Propyl acetate	43	4.411	4.411	0.000	100	101193	20.0	24.1	
77 Dichlorobromomethane	83	4.479	4.479	0.000	98	106122	20.0	21.6	
78 2-Nitropropane	41	4.719	4.719	0.000	99	32044	40.0	55.4	
80 Epichlorohydrin	57	4.868	4.868	0.000	99	103628	400.0	267.3	
81 cis-1,3-Dichloropropene	75	4.959	4.959	0.000	93	119895	20.0	19.0	
82 4-Methyl-2-pentanone (MIBK)	43	5.153	5.154	-0.001	97	418251	100.0	100.1	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	100	758042	50.0	44.0	
84 Toluene	91	5.336	5.336	0.000	94	322240	20.0	17.1	
85 trans-1,3-Dichloropropene	75	5.611	5.611	0.000	96	108151	20.0	19.5	
86 Ethyl methacrylate	69	5.759	5.759	0.000	92	91908	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	5.828	5.828	0.000	96	60548	20.0	19.7	
88 Tetrachloroethene	166	5.999	5.999	0.000	96	75033	20.0	15.6	
89 1,3-Dichloropropane	76	6.034	6.034	0.000	94	124126	20.0	19.9	
90 2-Hexanone	43	6.182	6.182	0.000	96	264123	100.0	104.3	
91 Chlorodibromomethane	129	6.308	6.308	0.000	98	71951	20.0	15.4	
92 n-Butyl acetate	43	6.388	6.388	0.000	99	120465	20.0	22.1	
93 Ethylene Dibromide	107	6.445	6.445	0.000	99	67932	20.0	16.9	
* 94 Chlorobenzene-d5	117	7.085	7.085	0.000	87	698627	50.0	50.0	
95 Chlorobenzene	112	7.131	7.131	0.000	94	217658	20.0	17.9	
96 1,1,1,2-Tetrachloroethane	131	7.257	7.268	-0.012	96	78535	20.0	15.5	
97 Ethylbenzene	106	7.314	7.325	-0.011	98	128229	20.0	19.1	
98 m-Xylene & p-Xylene	106	7.497	7.497	0.000	97	148849	20.0	18.5	
99 o-Xylene	106	8.068	8.068	0.000	92	146362	20.0	17.2	
100 Styrene	104	8.091	8.091	0.000	95	244532	20.0	18.8	
101 n-Butyl acrylate	73	8.125	8.125	0.000	99	70962	20.0	21.9	
102 Bromoform	173	8.319	8.320	-0.001	95	47050	20.0	17.4	
103 Amyl acetate (mixed isomers)	43	8.502	8.502	0.000	89	170087	20.0	23.1	
104 Isopropylbenzene	105	8.651	8.651	0.000	96	372104	20.0	18.3	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	89	313078	50.0	52.7	
106 Bromobenzene	156	9.040	9.040	0.000	96	95368	20.0	15.8	
107 1,1,2,2-Tetrachloroethane	83	9.142	9.143	-0.001	99	118664	20.0	20.2	
108 1,2,3-Trichloropropane	75	9.165	9.177	-0.012	97	78741	20.0	20.1	
109 trans-1,4-Dichloro-2-butene	75	9.234	9.234	0.000	92	21081	20.0	19.0	
110 N-Propylbenzene	91	9.302	9.303	-0.001	99	486783	20.0	18.8	
111 2-Chlorotoluene	91	9.382	9.383	-0.001	96	296260	20.0	19.2	
112 4-Ethyltoluene	105	9.497	9.497	0.000	99	406127	20.0	18.4	
113 4-Chlorotoluene	91	9.565	9.565	0.000	98	333438	20.0	21.4	
114 1,3,5-Trimethylbenzene	105	9.611	9.611	0.000	94	350247	20.0	17.9	
115 Butyl Methacrylate	87	9.874	9.874	0.000	91	133220	20.0	21.0	
116 tert-Butylbenzene	119	10.114	10.125	-0.011	94	269642	20.0	16.6	
117 1,2,4-Trimethylbenzene	105	10.194	10.194	0.000	97	425213	20.0	20.8	
118 sec-Butylbenzene	105	10.423	10.423	0.000	99	439740	20.0	17.3	
119 1,3-Dichlorobenzene	146	10.503	10.503	0.000	96	206424	20.0	17.6	
* 120 1,4-Dichlorobenzene-d4	152	10.583	10.583	0.000	96	432776	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.605	10.606	-0.001	95	205098	20.0	16.5	
122 4-Isopropyltoluene	119	10.617	10.617	0.000	98	397206	20.0	16.8	
123 1,2,3-Trimethylbenzene	105	10.697	10.697	0.000	99	425623	20.0	18.9	
124 Benzyl chloride	126	10.777	10.777	0.000	98	35895	20.0	20.3	
125 2,3-Dihydroindene	117	10.868	10.868	0.000	95	380299	20.0	18.2	
126 1,2-Dichlorobenzene	146	10.971	10.971	0.000	95	207851	20.0	17.3	
127 p-Diethylbenzene	119	11.005	11.006	-0.001	94	247214	20.0	17.7	
128 n-Butylbenzene	92	11.017	11.017	0.000	97	218117	20.0	19.0	
129 1,2-Dibromo-3-Chloropropane	157	11.611	11.611	0.000	89	22571	20.0	16.8	
130 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	97	439915	20.0	20.3	
131 1,3,5-Trichlorobenzene	180	11.760	11.760	0.000	96	159091	20.0	14.9	
132 1,2,4-Trichlorobenzene	180	12.148	12.149	-0.001	94	153970	20.0	16.2	
133 Hexachlorobutadiene	225	12.274	12.263	0.011	96	42782	20.0	12.0	
134 Naphthalene	128	12.286	12.286	0.000	99	541870	20.0	26.9	
135 1,2,3-Trichlorobenzene	180	12.434	12.434	0.000	94	129525	20.0	13.0	
168 2-Ethylhexyl acrylate	55	13.623	13.634	-0.011	1	519		NC	
S 137 1,2-Dichloroethene, Total	100				0		40.0	35.7	
S 138 Xylenes, Total	100				0		40.0	35.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	87.8	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00201	Amount Added: 20.00	Units: uL		
ACROLEIN W_00181	Amount Added: 4.00	Units: uL		
524FREONS_00031	Amount Added: 20.00	Units: uL		
GASES Li_00631	Amount Added: 20.00	Units: uL		
8260ISNEW_00210	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00253	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 18-Mar-2025 10:28:25 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69171.D

Injection Date: 18-Mar-2025 01:25:30 Instrument ID: CVOAMS9 Operator ID:

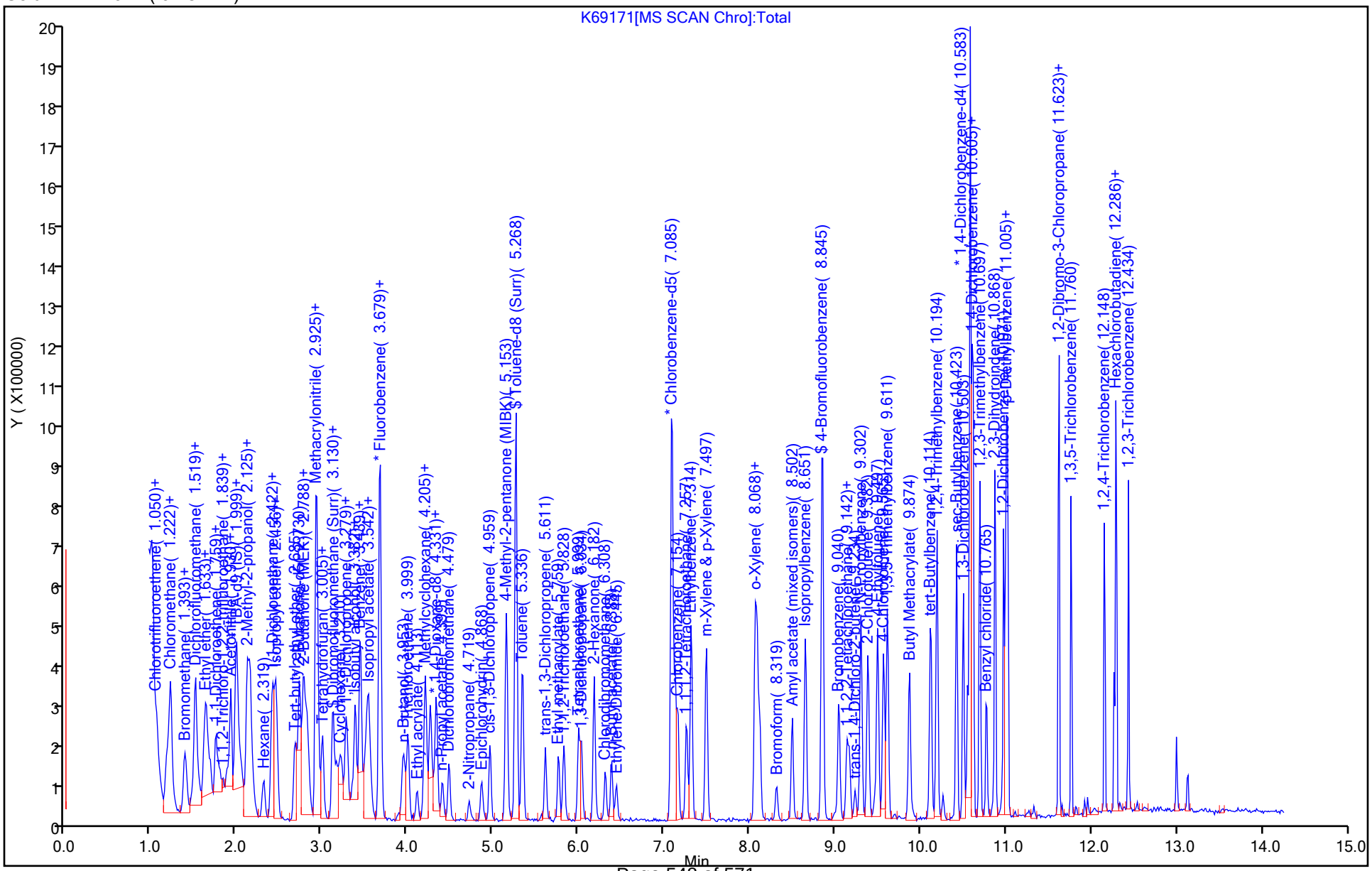
Lims ID: 460-322068-A-1 MS Worklist Smp#: 18

Client ID: MW-08_03122025

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 18-Mar-2025 10:28:25 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69171.D
Lims ID: 460-322068-A-1 MS
Client ID: MW-08_03122025
Sample Type: MS
Inject. Date: 18-Mar-2025 01:25:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-322068-A-1 MS
Misc. Info.: 460-0188072-018
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:28:24 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: KG2Q Date: 18-Mar-2025 08:08:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	40.2	80.46
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.7	91.46
$ 83 Toluene-d8 (Surr)	50.0	44.0	87.92
$ 105 4-Bromofluorobenzene	50.0	52.7	105.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-08_03122025 MSD | Lab Sample ID: 460-322068-1 MSD

Matrix: Water | Lab File ID: K69172.D

Analysis Method: 8260D | Date Collected: 03/12/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 01:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	23.6		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16.2		1.0	0.31
79-00-5	1,1,2-Trichloroethane	24.9		0.58	0.19
75-34-3	1,1-Dichloroethane	26.1		1.0	0.26
75-35-4	1,1-Dichloroethene	16.1		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	17.1		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	18.8		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	22.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.8		1.0	0.21
107-06-2	1,2-Dichloroethane	22.8		0.30	0.087
78-87-5	1,2-Dichloropropane	24.7		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	20.8		1.0	0.33
541-73-1	1,3-Dichlorobenzene	20.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.0		1.0	0.33
78-93-3	2-Butanone (MEK)	92.7		5.0	3.9
591-78-6	2-Hexanone	124		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	115		5.0	1.3
67-64-1	Acetone	75.1		5.0	4.4
71-43-2	Benzene	19.8		0.45	0.070
75-25-2	Bromoform	21.3		1.0	0.54
74-83-9	Bromomethane	17.2		1.0	0.55
75-15-0	Carbon disulfide	15.1		1.0	0.82
56-23-5	Carbon tetrachloride	20.7		1.0	0.21
108-90-7	Chlorobenzene	21.5		1.0	0.38
74-97-5	Chlorobromomethane	18.2		1.0	0.41
124-48-1	Chlorodibromomethane	19.2		0.78	0.086
75-00-3	Chloroethane	20.4		1.0	0.32
67-66-3	Chloroform	25.1		1.0	0.33
74-87-3	Chloromethane	18.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	23.5		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-08_03122025 MSD | Lab Sample ID: 460-322068-1 MSD

Matrix: Water | Lab File ID: K69172.D

Analysis Method: 8260D | Date Collected: 03/12/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 01:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	23.1		0.45	0.069
110-82-7	Cyclohexane	18.8		1.0	0.32
75-27-4	Dichlorobromomethane	25.0		0.98	0.15
75-71-8	Dichlorodifluoromethane	12.2		1.0	0.31
100-41-4	Ethylbenzene	21.0		1.0	0.30
106-93-4	Ethylene Dibromide	21.6		1.0	0.50
98-82-8	Isopropylbenzene	23.0		1.0	0.34
79-20-9	Methyl acetate	41.8		5.0	0.79
1634-04-4	Methyl tert-butyl ether	25.5		1.0	0.22
108-87-2	Methylcyclohexane	18.2		1.0	0.71
75-09-2	Methylene Chloride	21.6		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	22.7		1.0	0.30
104-51-8	n-Butylbenzene	22.0		1.0	0.32
103-65-1	N-Propylbenzene	22.3		1.0	0.32
95-47-6	o-Xylene	22.0		1.0	0.36
135-98-8	sec-Butylbenzene	19.8		1.0	0.37
100-42-5	Styrene	23.2		1.0	0.42
98-06-6	tert-Butylbenzene	20.2		1.0	0.34
127-18-4	Tetrachloroethene	18.0		0.40	0.28
108-88-3	Toluene	20.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	24.0		0.45	0.12
79-01-6	Trichloroethene	20.2		0.28	0.074
75-69-4	Trichlorofluoromethane	17.1		1.0	0.32
75-01-4	Vinyl chloride	18.0		1.0	0.40
1330-20-7	Xylenes, Total	44.8		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-322068-1

SDG No.:

Client Sample ID: MW-08_03122025 MSD | Lab Sample ID: 460-322068-1 MSD

Matrix: Water | Lab File ID: K69172.D

Analysis Method: 8260D | Date Collected: 03/12/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 03/18/2025 01:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1026344 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	83		77-132
2037-26-5	Toluene-d8 (Surr)	89		80-120

Report Date: 18-Mar-2025 10:29:26 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69172.D
Lims ID: 460-322068-C-1 MSD
Client ID: MW-08_03122025
Sample Type: MSD
Inject. Date: 18-Mar-2025 01:50:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-322068-C-1 MSD
Misc. Info.: 460-0188072-019
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:29:25 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: KG2Q Date: 18-Mar-2025 08:08:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.050	1.050	0.000	48	26050	20.0	7.46	
5 Chlorodifluoromethane	67	1.073	1.073	0.000	95	28734	20.0	17.1	
3 Dichlorodifluoromethane	85	1.073	1.073	0.000	44	184057	20.0	12.2	
6 Chloromethane	50	1.176	1.176	0.000	99	313072	20.0	18.3	
8 Butadiene	54	1.222	1.210	0.012	94	199871	20.0	17.1	
7 Vinyl chloride	62	1.222	1.233	-0.011	98	186947	20.0	18.0	
9 Bromomethane	94	1.393	1.382	0.011	99	129253	20.0	17.2	
10 Chloroethane	64	1.404	1.393	0.011	98	115576	20.0	20.4	
11 Dichlorofluoromethane	67	1.507	1.507	0.000	99	317509	20.0	22.2	
13 Pentane	57	1.519	1.519	0.000	95	33763	40.0	24.6	
12 Trichlorofluoromethane	101	1.553	1.553	0.000	96	181285	20.0	17.1	
14 Ethanol	46	1.553	1.599	-0.046	81	23228	800.0	957.4	
15 Ethyl ether	59	1.610	1.610	0.000	86	76509	20.0	19.1	
17 2-Methyl-1,3-butadiene	53	1.633	1.633	0.000	88	75595	20.0	16.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.667	1.668	-0.001	86	103655	20.0	17.1	
19 Acrolein	56	1.690	1.679	0.011	82	22892	40.0	75.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.667	1.679	-0.012	92	181036	20.0	19.5	
20 1,1-Dichloroethene	96	1.747	1.748	-0.001	97	90086	20.0	16.1	
22 Acetone	58	1.759	1.759	0.000	76	42799	100.0	75.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.793	1.793	0.000	93	107594	20.0	16.2	
24 Isopropyl alcohol	45	1.816	1.816	0.000	45	43414	200.0	174.3	
23 Iodomethane	142	1.839	1.839	0.000	97	172175	20.0	15.3	
27 3-Chloro-1-propene	76	1.884	1.885	-0.001	95	311432	20.0	15.1	a
25 Carbon disulfide	76	1.884	1.885	-0.001	99	309170	20.0	15.1	M
26 Acetonitrile	40	1.930	1.930	0.000	81	89680	200.0	263.8	
28 Methyl acetate	43	1.919	1.930	-0.011	62	125390	40.0	41.8	
29 Cyclopentene	67	1.987	1.988	-0.001	91	226994	20.0	17.3	
* 31 TBA-d9 (IS)	65	2.022	1.999	0.023	77	531246	1000.0	1000.0	
30 Methylene Chloride	84	1.999	1.999	0.000	94	131831	20.0	21.6	
32 2-Methyl-2-propanol	59	2.056	2.068	-0.012	35	120074	200.0	250.1	
33 Acrylonitrile	53	2.124	2.125	-0.001	96	442776	200.0	274.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.147	2.159	-0.012	96	103775	20.0	20.2	
35 Methyl tert-butyl ether	73	2.159	2.159	0.000	91	385643	20.0	25.5	
36 Hexane	57	2.307	2.308	-0.001	93	80918	20.0	14.6	
37 1,1-Dichloroethane	63	2.399	2.399	0.000	99	216327	20.0	26.1	
38 Vinyl acetate	86	2.410	2.422	-0.012	100	36662	40.0	35.6	
39 Isopropyl ether	45	2.445	2.445	-0.001	92	436026	20.0	28.9	
40 2-Chloro-1,3-butadiene	88	2.456	2.456	0.000	92	91134	20.0	21.0	
41 Tert-butyl ethyl ether	59	2.673	2.685	-0.012	88	462832	20.0	30.7	
* 43 2-Butanone-d5	46	2.730	2.730	0.000	100	512750	250.0	250.0	
47 Ethyl acetate	43	2.810	2.776	0.034	98	411137	40.0	42.4	a
46 2-Butanone (MEK)	72	2.776	2.776	0.000	99	51613	100.0	92.7	
45 cis-1,2-Dichloroethene	96	2.776	2.776	0.000	98	124949	20.0	23.5	
44 2,2-Dichloropropane	97	2.799	2.788	0.011	96	41972	20.0	21.7	
42 Propionitrile	54	2.810	2.822	-0.012	97	154838	200.0	227.4	
48 Methyl acrylate	55	2.845	2.845	0.000	99	111138	20.0	26.7	
50 Methacrylonitrile	67	2.925	2.925	0.000	94	427642	200.0	254.6	
49 Chlorobromomethane	128	2.947	2.948	-0.001	96	52210	20.0	18.2	
51 Tetrahydrofuran	42	2.982	2.982	0.000	32	61432	40.0	41.3	
52 Chloroform	83	3.005	3.005	0.000	98	204599	20.0	25.1	
$ 53 Dibromofluoromethane (Surr)	113	3.119	3.119	0.000	96	211521	50.0	41.4	
54 1,1,1-Trichloroethane	97	3.165	3.165	0.000	99	178765	20.0	22.4	
55 Cyclohexane	84	3.210	3.211	-0.001	93	140973	20.0	18.8	
57 1,1-Dichloropropene	75	3.279	3.279	0.000	99	125190	20.0	21.2	
56 Carbon tetrachloride	117	3.290	3.291	-0.001	95	139124	20.0	20.7	
61 Isobutyl alcohol	43	3.347	3.359	-0.012	94	129359	500.0	777.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.382	3.382	0.000	97	220743	50.0	44.8	
59 Benzene	78	3.439	3.439	0.000	95	417698	20.0	19.8	
60 1,2-Dichloroethane	62	3.450	3.451	-0.001	96	134608	20.0	22.8	
63 Isopropyl acetate	61	3.496	3.496	0.000	74	40546	20.0	23.9	
62 Isooctane	57	3.519	3.519	0.000	86	246948	20.0	18.0	
64 Tert-amyl methyl ether	73	3.542	3.542	0.000	94	382978	20.0	27.6	
* 65 Fluorobenzene	96	3.667	3.668	-0.001	98	946873	50.0	50.0	
66 n-Heptane	43	3.679	3.679	0.000	90	82849	20.0	17.2	
68 n-Butanol	56	3.930	3.942	-0.012	85	62040	500.0	721.3	
67 Trichloroethene	95	3.999	3.999	0.000	98	95427	20.0	20.2	
69 Ethyl acrylate	55	4.102	4.113	-0.011	98	114412	20.0	26.0	
70 Methylcyclohexane	83	4.205	4.193	0.012	95	146383	20.0	18.2	
71 1,2-Dichloropropane	63	4.205	4.205	0.000	93	116562	20.0	24.7	
* 72 1,4-Dioxane-d8	96	4.285	4.285	0.000	73	48686	1000.0	1000.0	
73 Dibromomethane	93	4.319	4.319	0.000	98	65593	20.0	22.1	
75 Methyl methacrylate	100	4.342	4.342	0.000	94	48794	40.0	45.8	
74 1,4-Dioxane	88	4.353	4.342	0.011	76	24034	400.0	563.9	
76 n-Propyl acetate	43	4.410	4.411	-0.001	99	140295	20.0	29.4	
77 Dichlorobromomethane	83	4.479	4.479	0.000	99	139310	20.0	25.0	
78 2-Nitropropane	41	4.719	4.719	0.000	97	39505	40.0	60.2	
80 Epichlorohydrin	57	4.868	4.868	0.000	99	127913	400.0	291.1	
81 cis-1,3-Dichloropropene	75	4.959	4.959	0.000	92	158716	20.0	23.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.153	5.154	-0.001	97	546521	100.0	115.4	
$ 83 Toluene-d8 (Surr)	98	5.268	5.268	0.000	100	832509	50.0	44.4	
84 Toluene	91	5.336	5.336	0.000	94	420067	20.0	20.5	
85 trans-1,3-Dichloropropene	75	5.611	5.611	0.000	97	144507	20.0	24.0	
86 Ethyl methacrylate	69	5.759	5.759	0.000	91	134338	20.0	24.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	5.828	5.828	0.000	97	83388	20.0	24.9	
88 Tetrachloroethene	166	5.999	5.999	0.000	95	93908	20.0	18.0	
89 1,3-Dichloropropane	76	6.033	6.034	-0.001	94	153808	20.0	22.7	
90 2-Hexanone	43	6.182	6.182	0.000	95	356650	100.0	124.2	
91 Chlorodibromomethane	129	6.308	6.308	0.000	97	97448	20.0	19.2	
92 n-Butyl acetate	43	6.388	6.388	0.000	99	162015	20.0	27.4	
93 Ethylene Dibromide	107	6.445	6.445	0.000	99	94481	20.0	21.6	
* 94 Chlorobenzene-d5	117	7.085	7.085	0.000	87	759417	50.0	50.0	
95 Chlorobenzene	112	7.131	7.131	0.000	94	285143	20.0	21.5	
96 1,1,1,2-Tetrachloroethane	131	7.268	7.268	0.000	95	107486	20.0	19.5	
97 Ethylbenzene	106	7.314	7.325	-0.011	99	153427	20.0	21.0	
98 m-Xylene & p-Xylene	106	7.496	7.497	-0.001	97	198446	20.0	22.7	
99 o-Xylene	106	8.068	8.068	0.000	92	203559	20.0	22.0	
100 Styrene	104	8.091	8.091	0.000	94	327560	20.0	23.2	
101 n-Butyl acrylate	73	8.125	8.125	0.000	99	97788	20.0	27.7	
102 Bromoform	173	8.319	8.320	-0.001	94	62692	20.0	21.3	
103 Amyl acetate (mixed isomers)	43	8.502	8.502	0.000	89	235919	20.0	30.4	
104 Isopropylbenzene	105	8.651	8.651	0.000	95	509105	20.0	23.0	
$ 105 4-Bromofluorobenzene	174	8.857	8.857	0.000	89	339793	50.0	52.6	
106 Bromobenzene	156	9.039	9.040	-0.001	98	127332	20.0	20.0	
107 1,1,2,2-Tetrachloroethane	83	9.142	9.143	-0.001	99	146559	20.0	23.6	
108 1,2,3-Trichloropropane	75	9.165	9.177	-0.012	97	101670	20.0	24.6	
109 trans-1,4-Dichloro-2-butene	75	9.234	9.234	0.000	90	29186	20.0	24.8	
110 N-Propylbenzene	91	9.302	9.303	-0.001	99	608047	20.0	22.3	
111 2-Chlorotoluene	91	9.382	9.383	-0.001	96	377375	20.0	23.2	
112 4-Ethyltoluene	105	9.497	9.497	0.000	99	487511	20.0	20.9	
113 4-Chlorotoluene	91	9.565	9.565	0.000	98	380210	20.0	23.1	
114 1,3,5-Trimethylbenzene	105	9.611	9.611	0.000	92	429949	20.0	20.8	
115 Butyl Methacrylate	87	9.874	9.874	0.000	92	164506	20.0	24.5	
116 tert-Butylbenzene	119	10.114	10.125	-0.011	94	347273	20.0	20.2	
117 1,2,4-Trimethylbenzene	105	10.194	10.194	0.000	97	480915	20.0	22.3	
118 sec-Butylbenzene	105	10.422	10.423	-0.001	99	531699	20.0	19.8	
119 1,3-Dichlorobenzene	146	10.502	10.503	-0.001	97	257655	20.0	20.8	
* 120 1,4-Dichlorobenzene-d4	152	10.582	10.583	-0.001	96	456808	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.605	10.606	-0.001	95	262610	20.0	20.0	
122 4-Isopropyltoluene	119	10.617	10.617	0.000	98	486644	20.0	19.5	
123 1,2,3-Trimethylbenzene	105	10.697	10.697	0.000	98	532786	20.0	22.4	
124 Benzyl chloride	126	10.765	10.777	-0.012	98	47389	20.0	25.2	
125 2,3-Dihydroindene	117	10.868	10.868	0.000	93	462577	20.0	20.9	
126 1,2-Dichlorobenzene	146	10.971	10.971	0.000	96	263511	20.0	20.8	
127 p-Diethylbenzene	119	11.005	11.006	-0.001	92	290944	20.0	19.7	
128 n-Butylbenzene	92	11.017	11.017	0.000	97	267022	20.0	22.0	
129 1,2-Dibromo-3-Chloropropane	157	11.611	11.611	0.000	91	26230	20.0	18.5	
130 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	97	505599	20.0	22.1	
131 1,3,5-Trichlorobenzene	180	11.760	11.760	0.000	97	200965	20.0	17.8	
132 1,2,4-Trichlorobenzene	180	12.148	12.149	-0.001	94	188770	20.0	18.8	
133 Hexachlorobutadiene	225	12.274	12.263	0.011	95	52210	20.0	13.9	
134 Naphthalene	128	12.285	12.286	-0.001	99	509479	20.0	24.0	
135 1,2,3-Trichlorobenzene	180	12.434	12.434	0.000	95	179115	20.0	17.1	
168 2-Ethylhexyl acrylate	55	13.668	13.634	0.034	1	248		NC	
S 137 1,2-Dichloroethene, Total	100				0		40.0	43.7	
S 138 Xylenes, Total	100				0		40.0	44.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	106.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00201	Amount Added: 20.00	Units: uL		
ACROLEIN W_00181	Amount Added: 4.00	Units: uL		
524FREONS_00031	Amount Added: 20.00	Units: uL		
GASES Li_00631	Amount Added: 20.00	Units: uL		
8260ISNEW_00210	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00253	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 18-Mar-2025 10:29:26 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69172.D

Injection Date: 18-Mar-2025 01:50:30 Instrument ID: CVOAMS9 Operator ID:

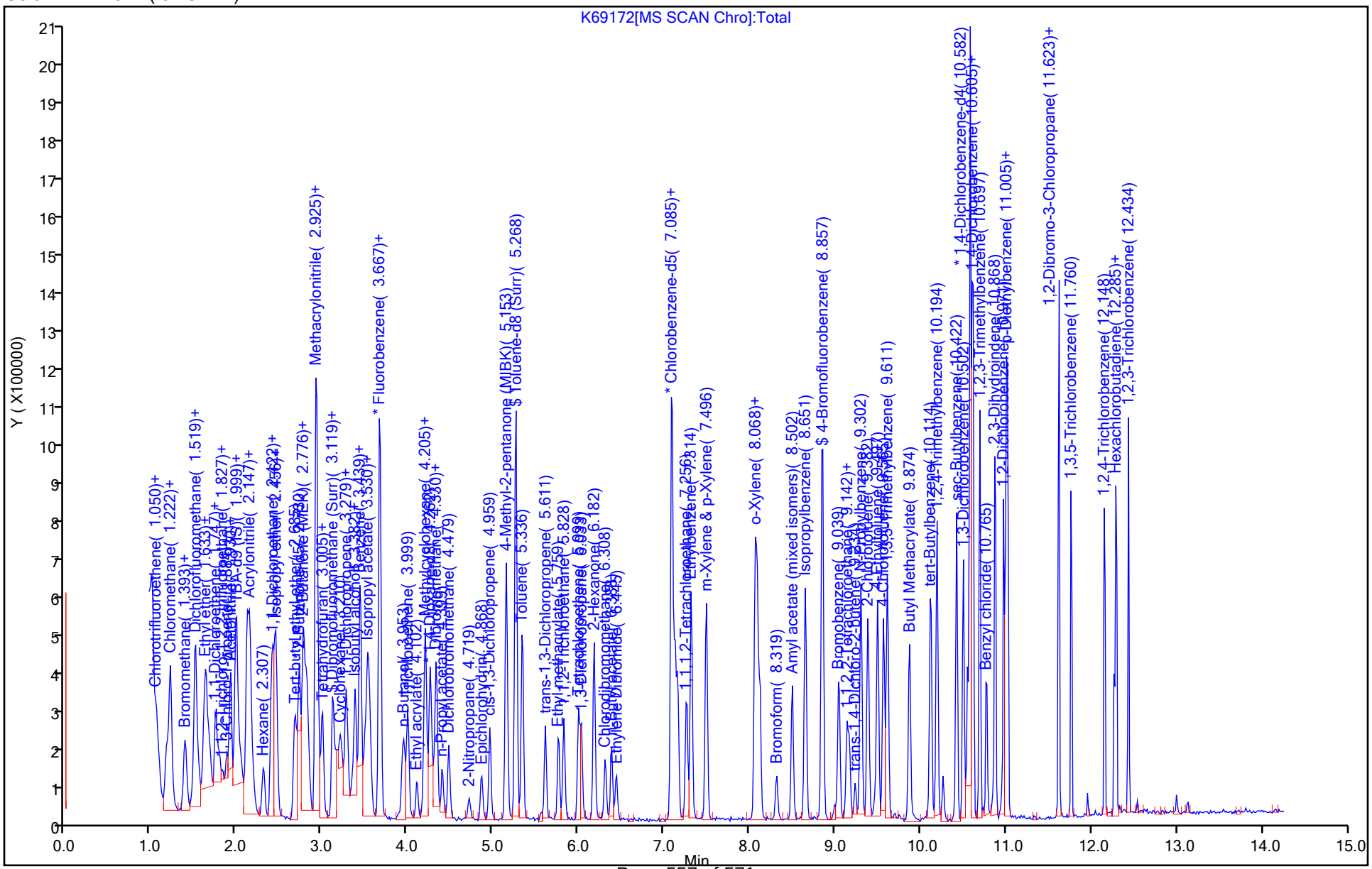
Lims ID: 460-322068-C-1 MSD Worklist Smp#: 19

Client ID: MW-08_03122025

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 18-Mar-2025 10:29:26 Chrom Revision: 2.3 12-Mar-2025 14:36:02

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69172.D
Lims ID: 460-322068-C-1 MSD
Client ID: MW-08_03122025
Sample Type: MSD
Inject. Date: 18-Mar-2025 01:50:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-322068-C-1 MSD
Misc. Info.: 460-0188072-019
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\8260DW_9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 18-Mar-2025 10:29:25 Calib Date: 20-Feb-2025 15:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20250220-187106.b\K68298.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: KG2Q Date: 18-Mar-2025 08:08:30

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.4	82.75
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.8	89.62
$ 83 Toluene-d8 (Surr)	50.0	44.4	88.83
$ 105 4-Bromofluorobenzene	50.0	52.6	105.18

Manual Integration/User Assign Peak Report

Eurofins Edison

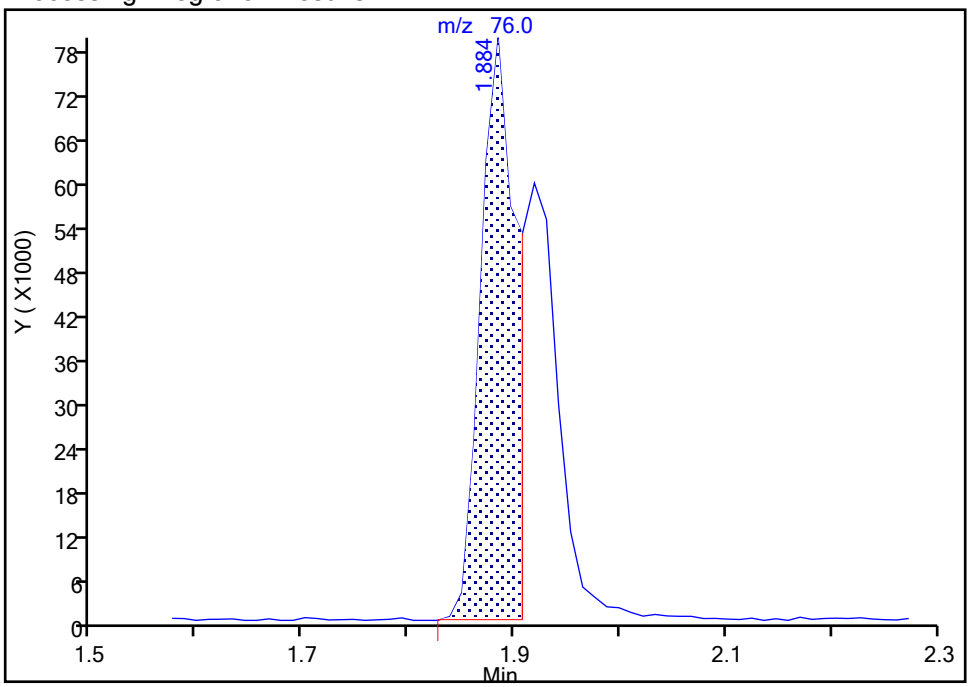
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20250317-188072.b\K69172.D
Injection Date: 18-Mar-2025 01:50:30 Instrument ID: CVOAMS9
Lims ID: 460-322068-C-1 MSD
Client ID: MW-08_03122025
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260DW_9 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

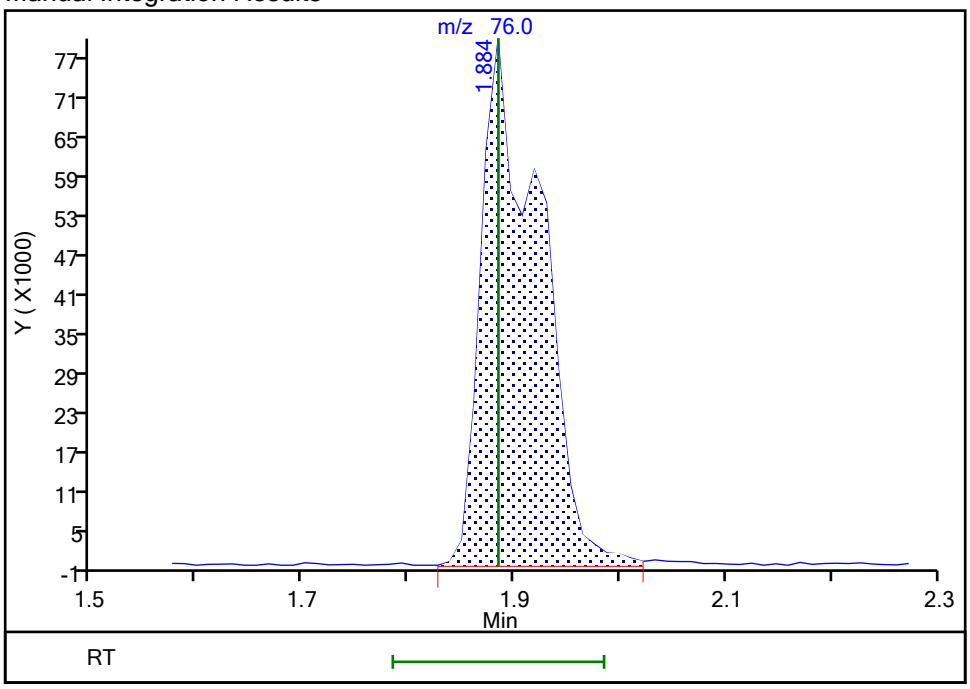
Processing Integration Results

RT: 1.88
Area: 192958
Amount: 9.396842
Amount Units: ug/l



Manual Integration Results

RT: 1.88
Area: 309170
Amount: 15.056238
Amount Units: ug/l



Reviewer: NN6A, 18-Mar-2025 10:28:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 02/20/2025 11:39

Analysis Batch Number: 1022171 End Date: 02/20/2025 18:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-1022171/1		02/20/2025 11:39	1	K68289.D	DB-624 0.18(mm)
STD8 460-1022171/3 IC		02/20/2025 12:28	1	K68291.D	DB-624 0.18(mm)
STD7 460-1022171/4 IC		02/20/2025 12:52	1	K68292.D	DB-624 0.18(mm)
STD1 460-1022171/5 IC		02/20/2025 13:17	1	K68293.D	DB-624 0.18(mm)
STD5 460-1022171/6 IC		02/20/2025 13:41	1	K68294.D	DB-624 0.18(mm)
STD20 460-1022171/7 ICIS		02/20/2025 14:05	1	K68295.D	DB-624 0.18(mm)
STD50 460-1022171/8 IC		02/20/2025 14:29	1	K68296.D	DB-624 0.18(mm)
STD200 460-1022171/9 IC		02/20/2025 14:53	1	K68297.D	DB-624 0.18(mm)
STD500 460-1022171/10 IC		02/20/2025 15:17	1	K68298.D	DB-624 0.18(mm)
ICV 460-1022171/17		02/20/2025 18:08	1	K68305.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 03/17/2025 18:57

Analysis Batch Number: 1026344 End Date: 03/18/2025 06:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1026344/2		03/17/2025 18:57	1	K69155.D	DB-624 0.18(mm)
LCS 460-1026344/4		03/17/2025 19:45	1	K69157.D	DB-624 0.18(mm)
ZZZZZ		03/17/2025 20:09	1		DB-624 0.18(mm)
MB 460-1026344/9		03/17/2025 21:46	1	K69162.D	DB-624 0.18(mm)
ZZZZZ (Client)		03/17/2025 22:10	1		DB-624 0.18(mm)
ZZZZZ (Client)		03/17/2025 22:35	1		DB-624 0.18(mm)
460-322068-5	FB-01_03122025	03/17/2025 22:59	1	K69165.D	DB-624 0.18(mm)
460-322068-6	TB-01_03122025	03/17/2025 23:24	1	K69166.D	DB-624 0.18(mm)
ZZZZZ (Client)		03/17/2025 23:49	2		DB-624 0.18(mm)
ZZZZZ (Client)		03/18/2025 00:37	5		DB-624 0.18(mm)
ZZZZZ (Client)		03/18/2025 01:01	5		DB-624 0.18(mm)
460-322068-1 MS	MW-08_03122025 MS	03/18/2025 01:25	1	K69171.D	DB-624 0.18(mm)
460-322068-1 MSD	MW-08_03122025 MSD	03/18/2025 01:50	1	K69172.D	DB-624 0.18(mm)
460-322068-1	MW-08_03122025	03/18/2025 03:03	1	K69175.D	DB-624 0.18(mm)
460-322068-2	MW-07_03122025	03/18/2025 03:27	1	K69176.D	DB-624 0.18(mm)
460-322068-3	MW-06_03122025	03/18/2025 03:51	1	K69177.D	DB-624 0.18(mm)
460-322068-4	DUP-01_03122025	03/18/2025 04:15	1	K69178.D	DB-624 0.18(mm)
ZZZZZ (Client)		03/18/2025 04:40	1		DB-624 0.18(mm)
ZZZZZ (Client)		03/18/2025 05:04	1		DB-624 0.18(mm)
ZZZZZ (Client)		03/18/2025 05:28	1		DB-624 0.18(mm)
ZZZZZ (Client)		03/18/2025 05:53	1		DB-624 0.18(mm)
ZZZZZ (Client)		03/18/2025 06:17	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Batch Number: 1022171 Batch Start Date: 02/20/25 11:39 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00178	524FREONS 00030	7 Freons Hi 00024	7 Freons SS 00024
BFB 460-1022171/1		8260D			5 mL	5 mL				
STD8 460-1022171/3 IC		8260D			5 mL	5 mL				
STD7 460-1022171/4 IC		8260D			5 mL	5 mL				
STD1 460-1022171/5 IC		8260D			5 mL	5 mL	30 uL	10 uL		
STD5 460-1022171/6 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-1022171/7 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-1022171/8 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-1022171/9 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-1022171/10 IC		8260D			5 mL	5 mL			50 uL	
ICV 460-1022171/17		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00189	8260ISNEW 00210	8260MIX1COMB 00200	8260SURR250 00253	ACROLEIN SP 00174	ACROLEIN W 00180
BFB 460-1022171/1		8260D								
STD8 460-1022171/3 IC		8260D				1 uL	2 uL	1 uL		
STD7 460-1022171/4 IC		8260D				1 uL		1 uL		
STD1 460-1022171/5 IC		8260D				1 uL	10 uL	1 uL		4 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Batch Number: 1022171 Batch Start Date: 02/20/25 11:39 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00189	8260ISNEW 00210	8260MIX1COMB 00200	8260SURR250 00253	ACROLEIN SP 00174	ACROLEIN W 00180
STD5 460-1022171/6 IC		8260D				1 uL	10 uL	1 uL		4 uL
STD20 460-1022171/7 ICIS		8260D				1 uL	20 uL	1 uL		4 uL
STD50 460-1022171/8 IC		8260D				1 uL	50 uL	1 uL		10 uL
STD200 460-1022171/9 IC		8260D				1 uL		1 uL		20 uL
STD500 460-1022171/10 IC		8260D				1 uL		1 uL		40 uL
ICV 460-1022171/17		8260D			20 uL	1 uL		1 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00134	BFB 00038	Ethanol mix 00098	GAS C SP 00610	GAS Hi 00489	GASES Li 00627
BFB 460-1022171/1		8260D				1 uL				
STD8 460-1022171/3 IC		8260D								
STD7 460-1022171/4 IC		8260D			20 uL					2.5 uL
STD1 460-1022171/5 IC		8260D								10 uL
STD5 460-1022171/6 IC		8260D								10 uL
STD20 460-1022171/7 ICIS		8260D								20 uL
STD50 460-1022171/8 IC		8260D								50 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Batch Number: 1022171 Batch Start Date: 02/20/25 11:39 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00134	BFB 00038	Ethanol mix 00098	GAS C SP 00610	GAS Hi 00489	GASES Li 00627
STD200 460-1022171/9 IC		8260D					20 uL		20 uL	
STD500 460-1022171/10 IC		8260D					50 uL		50 uL	
ICV 460-1022171/17		8260D						20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX 2 Hi 00158	MIX I Hi 00185				
BFB 460-1022171/1		8260D								
STD8 460-1022171/3 IC		8260D								
STD7 460-1022171/4 IC		8260D								
STD1 460-1022171/5 IC		8260D								
STD5 460-1022171/6 IC		8260D								
STD20 460-1022171/7 ICIS		8260D								
STD50 460-1022171/8 IC		8260D								
STD200 460-1022171/9 IC		8260D			20 uL	20 uL				
STD500 460-1022171/10 IC		8260D			50 uL	50 uL				
ICV 460-1022171/17		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Batch Number: 1022171 Batch Start Date: 02/20/25 11:39 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Batch Number: 1026344 Batch Start Date: 03/17/25 18:57 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00031	8260ISNEW 00210	8260MIX1COMB 00201
CCVIS 460-1026344/2		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-1026344/4		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-1026344/9		8260D			5 mL	5 mL			1 uL	
460-322068-A-5	FB-01_03122025	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-322068-A-6	TB-01_03122025	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-322068-A-1 MS	MW-08_03122025	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-322068-C-1 MSD	MW-08_03122025	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-322068-A-1	MW-08_03122025	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-322068-B-2	MW-07_03122025	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-322068-B-3	MW-06_03122025	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-322068-B-4	DUP-01_03122025	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00253	ACROLEIN W 00181	GASES Li 00631			
CCVIS 460-1026344/2		8260D			1 uL	4 uL	20 uL			
LCS 460-1026344/4		8260D			1 uL	4 uL	20 uL			
MB 460-1026344/9		8260D			1 uL					
460-322068-A-5	FB-01_03122025	8260D	Water	T	1 uL					
460-322068-A-6	TB-01_03122025	8260D	Water	T	1 uL					
460-322068-A-1 MS	MW-08_03122025	8260D	Water	T	1 uL	4 uL	20 uL			
460-322068-C-1 MSD	MW-08_03122025	8260D	Water	T	1 uL	4 uL	20 uL			
460-322068-A-1	MW-08_03122025	8260D	Water	T	1 uL					
460-322068-B-2	MW-07_03122025	8260D	Water	T	1 uL					
460-322068-B-3	MW-06_03122025	8260D	Water	T	1 uL					
460-322068-B-4	DUP-01_03122025	8260D	Water	T	1 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-322068-1

SDG No.:

Batch Number: 1026344 Batch Start Date: 03/17/25 18:57 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record 760871

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Address _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Matthew Levy	Site Contact: Nicholas Manzione	Date: 03/12/2025	COC No:
Company Name: Haley, Aldrich of NY	Tel/Email: MLevy@haleyaldrich.com	Lab Contact: Elizabeth Flannery	Carrier:	1 of 1 COCs
Address: 213 West 35th Street	Analysis Turnaround Time: ☐ CALENDAR DAYS ☒ WORKING DAYS			Sampler: EN, NTM
City/State/Zip: New York, NY 10001	TAT if different from Below: ☐ 2 weeks ☒ 1 week ☐ 2 days ☐ 1 day			For Lab Use Only: Walk-in Client: Lab Sampling
Phone:				
Fax:				
Project Name: 1885 Atlantic Ave				Job / SDG No: 322068
Site: 1885 Atlantic Ave, Brooklyn NY				
PO #: 0205125				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs	Sample Specific Notes:
MW-08_03122025	3/12/25	1135	G	W	9	N	Y	X	-1
MW-07_03122025	3/12/25	1335	G	W	3	N	N	X	-2
MW-06-03122025	3/12/25	1510	G	W	3	N	N	X	-3
DUP-01_03122025	3/12/25	1340	G	W	3	N	N	X	-4
FB-01_03122025	3/12/25	1520	FB	W	2	N	N	X	-5
TB-01_03122025	3/12/25	1525	TB	W	2	N	N	X	-6

460-322068 Chain of Custody

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Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 2

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Eddy Nunez	Haley Aldrich	3/12/25			3/12/25 6:00
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
			0		

1-5/14 C ZR-9

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 322068

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.5 °C	1.9 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below.

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038 Rev 4.1
10/22/2019

Initials: YG Date: 3/12/25

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-322068-1

Login Number: 322068
List Number: 1
Creator: Lysy, Susan

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich, Inc.
213 West 35th St
New York NY 10001

Generated 5/8/2025 2:16 PM

JOB DESCRIPTION

1885 Atlantic Avenue, Brooklyn

JOB NUMBER

460-325502-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
5/8/2025 2:16 PM

Authorized for release by
Elizabeth J Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
732 549-3900

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Job Narrative
460-325502-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/2/2025 6:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.7°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1036114 was outside the method criteria for the following analytes: Vinyl chloride (biased high), 1,2-Dichloroethane, Bromoform and Bromomethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-325502-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-325502-1	MW-06_20250501	Water	05/01/25 14:15	05/02/25 18:50
460-325502-2	MW-07_20250501	Water	05/01/25 15:55	05/02/25 18:50
460-325502-3	MW-08_20250501	Water	05/01/25 16:40	05/02/25 18:50
460-325502-4	Dup-01_20250501	Water	05/01/25 15:30	05/02/25 18:50
460-325502-5	FB-01_20250501	Water	05/01/25 10:25	05/02/25 18:50
460-325502-6	TB-01_20250501	Water	05/01/25 00:00	05/02/25 18:50

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-325502-1

Client Sample ID: MW-06_20250501 — Lab Sample ID: 460-325502-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.66	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	42		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.38		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-07_20250501 — Lab Sample ID: 460-325502-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.52	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	44		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.50		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-08_20250501 — Lab Sample ID: 460-325502-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.8		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: Dup-01_20250501 — Lab Sample ID: 460-325502-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.53	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	44		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.46		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: FB-01_20250501 — Lab Sample ID: 460-325502-5

No Detections.

Client Sample ID: TB-01_20250501 — Lab Sample ID: 460-325502-6

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-325502-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: MW-06_20250501 Lab Sample ID: 460-325502-1

Date Collected: 05/01/25 14:15 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/07/25 23:35	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/07/25 23:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/07/25 23:35	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/07/25 23:35	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/07/25 23:35	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/07/25 23:35	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/07/25 23:35	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:35	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:35	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/07/25 23:35	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/07/25 23:35	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/07/25 23:35	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/07/25 23:35	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			05/07/25 23:35	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:35	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/07/25 23:35	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/07/25 23:35	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/07/25 23:35	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/07/25 23:35	1
Acetone	5.0	U	5.0	4.4	ug/L			05/07/25 23:35	1
Benzene	0.45	U	0.45	0.070	ug/L			05/07/25 23:35	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/07/25 23:35	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/07/25 23:35	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/07/25 23:35	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/07/25 23:35	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/07/25 23:35	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/07/25 23:35	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/07/25 23:35	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/07/25 23:35	1
Chloroform	**0.66**	**J**	1.0	0.33	ug/L			05/07/25 23:35	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/07/25 23:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/07/25 23:35	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/07/25 23:35	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/07/25 23:35	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/07/25 23:35	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/07/25 23:35	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/07/25 23:35	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/07/25 23:35	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:35	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/07/25 23:35	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/07/25 23:35	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/07/25 23:35	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/07/25 23:35	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/07/25 23:35	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 23:35	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 23:35	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/07/25 23:35	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:35	1
Styrene	1.0	U	1.0	0.42	ug/L			05/07/25 23:35	1

Client Sample ID: MW-06_20250501 Lab Sample ID: 460-325502-1

Date Collected: 05/01/25 14:15 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:35	1
Tetrachloroethene	**42**		0.40	0.28	ug/L			05/07/25 23:35	1
Toluene	1.0	U	1.0	0.38	ug/L			05/07/25 23:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/07/25 23:35	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/07/25 23:35	1
Trichloroethene	**0.38**		0.28	0.074	ug/L			05/07/25 23:35	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/07/25 23:35	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/07/25 23:35	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/07/25 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 128*		*05/07/25 23:35*	*1*
4-Bromofluorobenzene	*83*		*76 - 120*		*05/07/25 23:35*	*1*
Dibromofluoromethane (Surr)	*84*		*77 - 132*		*05/07/25 23:35*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*05/07/25 23:35*	*1*

Client Sample ID: MW-07_20250501 Lab Sample ID: 460-325502-2

Date Collected: 05/01/25 15:55 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/07/25 23:58	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/07/25 23:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/07/25 23:58	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/07/25 23:58	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/07/25 23:58	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/07/25 23:58	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/07/25 23:58	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:58	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:58	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/07/25 23:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/07/25 23:58	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/07/25 23:58	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/07/25 23:58	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			05/07/25 23:58	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:58	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/07/25 23:58	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/07/25 23:58	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/07/25 23:58	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/07/25 23:58	1
Acetone	5.0	U	5.0	4.4	ug/L			05/07/25 23:58	1
Benzene	0.45	U	0.45	0.070	ug/L			05/07/25 23:58	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/07/25 23:58	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/07/25 23:58	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/07/25 23:58	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/07/25 23:58	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/07/25 23:58	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/07/25 23:58	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/07/25 23:58	1

Client Sample ID: MW-07_20250501 Lab Sample ID: 460-325502-2

Date Collected: 05/01/25 15:55 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			05/07/25 23:58	1
Chloroform	**0.52**	**J**	1.0	0.33	ug/L			05/07/25 23:58	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/07/25 23:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/07/25 23:58	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/07/25 23:58	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/07/25 23:58	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/07/25 23:58	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/07/25 23:58	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/07/25 23:58	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/07/25 23:58	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:58	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/07/25 23:58	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/07/25 23:58	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/07/25 23:58	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/07/25 23:58	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/07/25 23:58	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 23:58	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 23:58	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/07/25 23:58	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:58	1
Styrene	1.0	U	1.0	0.42	ug/L			05/07/25 23:58	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:58	1
Tetrachloroethene	**44**		0.40	0.28	ug/L			05/07/25 23:58	1
Toluene	1.0	U	1.0	0.38	ug/L			05/07/25 23:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/07/25 23:58	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/07/25 23:58	1
Trichloroethene	**0.50**		0.28	0.074	ug/L			05/07/25 23:58	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/07/25 23:58	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/07/25 23:58	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/07/25 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 128*		*05/07/25 23:58*	*1*
4-Bromofluorobenzene	*83*		*76 - 120*		*05/07/25 23:58*	*1*
Dibromofluoromethane (Surr)	*84*		*77 - 132*		*05/07/25 23:58*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*05/07/25 23:58*	*1*

Client Sample ID: MW-08_20250501 Lab Sample ID: 460-325502-3

Date Collected: 05/01/25 16:40 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/08/25 00:20	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/08/25 00:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/08/25 00:20	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/08/25 00:20	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/08/25 00:20	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/08/25 00:20	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/08/25 00:20	1

Client Sample ID: MW-08_20250501 Lab Sample ID: 460-325502-3

Date Collected: 05/01/25 16:40 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/08/25 00:20	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			05/08/25 00:20	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/08/25 00:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/08/25 00:20	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/08/25 00:20	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/08/25 00:20	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			05/08/25 00:20	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/08/25 00:20	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/08/25 00:20	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/08/25 00:20	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/08/25 00:20	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/08/25 00:20	1
Acetone	5.0	U	5.0	4.4	ug/L			05/08/25 00:20	1
Benzene	0.45	U	0.45	0.070	ug/L			05/08/25 00:20	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/08/25 00:20	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/08/25 00:20	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/08/25 00:20	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/08/25 00:20	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/08/25 00:20	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/08/25 00:20	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/08/25 00:20	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/08/25 00:20	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/08/25 00:20	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/08/25 00:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/08/25 00:20	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/08/25 00:20	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/08/25 00:20	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/08/25 00:20	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/08/25 00:20	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/08/25 00:20	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/08/25 00:20	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/08/25 00:20	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/08/25 00:20	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/08/25 00:20	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/08/25 00:20	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/08/25 00:20	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/08/25 00:20	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			05/08/25 00:20	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			05/08/25 00:20	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/08/25 00:20	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			05/08/25 00:20	1
Styrene	1.0	U	1.0	0.42	ug/L			05/08/25 00:20	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			05/08/25 00:20	1
Tetrachloroethene	**1.8**		0.40	0.28	ug/L			05/08/25 00:20	1
Toluene	1.0	U	1.0	0.38	ug/L			05/08/25 00:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/08/25 00:20	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/08/25 00:20	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/08/25 00:20	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/08/25 00:20	1

Client Sample ID: MW-08_20250501 — Lab Sample ID: 460-325502-3

Date Collected: 05/01/25 16:40 — **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/08/25 00:20	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/08/25 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 128*		*05/08/25 00:20*	*1*
4-Bromofluorobenzene	*84*		*76 - 120*		*05/08/25 00:20*	*1*
Dibromofluoromethane (Surr)	*83*		*77 - 132*		*05/08/25 00:20*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*05/08/25 00:20*	*1*

Client Sample ID: Dup-01_20250501 — Lab Sample ID: 460-325502-4

Date Collected: 05/01/25 15:30 — **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/08/25 00:43	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/08/25 00:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/08/25 00:43	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/08/25 00:43	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/08/25 00:43	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/08/25 00:43	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/08/25 00:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/08/25 00:43	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			05/08/25 00:43	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/08/25 00:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/08/25 00:43	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/08/25 00:43	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/08/25 00:43	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			05/08/25 00:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/08/25 00:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/08/25 00:43	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/08/25 00:43	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/08/25 00:43	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/08/25 00:43	1
Acetone	5.0	U	5.0	4.4	ug/L			05/08/25 00:43	1
Benzene	0.45	U	0.45	0.070	ug/L			05/08/25 00:43	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/08/25 00:43	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/08/25 00:43	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/08/25 00:43	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/08/25 00:43	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/08/25 00:43	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/08/25 00:43	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/08/25 00:43	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/08/25 00:43	1
Chloroform	**0.53**	**J**	1.0	0.33	ug/L			05/08/25 00:43	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/08/25 00:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/08/25 00:43	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/08/25 00:43	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/08/25 00:43	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/08/25 00:43	1

Client Sample ID: Dup-01_20250501 Lab Sample ID: 460-325502-4

Date Collected: 05/01/25 15:30 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/08/25 00:43	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/08/25 00:43	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/08/25 00:43	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/08/25 00:43	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/08/25 00:43	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/08/25 00:43	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/08/25 00:43	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/08/25 00:43	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/08/25 00:43	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			05/08/25 00:43	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			05/08/25 00:43	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/08/25 00:43	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			05/08/25 00:43	1
Styrene	1.0	U	1.0	0.42	ug/L			05/08/25 00:43	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			05/08/25 00:43	1
Tetrachloroethene	**44**		0.40	0.28	ug/L			05/08/25 00:43	1
Toluene	1.0	U	1.0	0.38	ug/L			05/08/25 00:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/08/25 00:43	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/08/25 00:43	1
Trichloroethene	**0.46**		0.28	0.074	ug/L			05/08/25 00:43	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/08/25 00:43	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/08/25 00:43	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/08/25 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*70 - 128*		*05/08/25 00:43*	*1*
4-Bromofluorobenzene	*83*		*76 - 120*		*05/08/25 00:43*	*1*
Dibromofluoromethane (Surr)	*83*		*77 - 132*		*05/08/25 00:43*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*05/08/25 00:43*	*1*

Client Sample ID: FB-01_20250501 Lab Sample ID: 460-325502-5

Date Collected: 05/01/25 10:25 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/07/25 22:49	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/07/25 22:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/07/25 22:49	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/07/25 22:49	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/07/25 22:49	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/07/25 22:49	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/07/25 22:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/07/25 22:49	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 22:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/07/25 22:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/07/25 22:49	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/07/25 22:49	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/07/25 22:49	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			05/07/25 22:49	1

Client Sample ID: FB-01_20250501 Lab Sample ID: 460-325502-5

Date Collected: 05/01/25 10:25 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/07/25 22:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/07/25 22:49	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/07/25 22:49	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/07/25 22:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/07/25 22:49	1
Acetone	5.0	U	5.0	4.4	ug/L			05/07/25 22:49	1
Benzene	0.45	U	0.45	0.070	ug/L			05/07/25 22:49	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/07/25 22:49	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/07/25 22:49	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/07/25 22:49	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/07/25 22:49	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/07/25 22:49	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/07/25 22:49	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/07/25 22:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/07/25 22:49	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/07/25 22:49	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/07/25 22:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/07/25 22:49	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/07/25 22:49	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/07/25 22:49	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/07/25 22:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/07/25 22:49	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/07/25 22:49	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/07/25 22:49	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 22:49	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/07/25 22:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/07/25 22:49	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/07/25 22:49	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/07/25 22:49	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/07/25 22:49	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 22:49	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 22:49	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/07/25 22:49	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 22:49	1
Styrene	1.0	U	1.0	0.42	ug/L			05/07/25 22:49	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 22:49	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/07/25 22:49	1
Toluene	1.0	U	1.0	0.38	ug/L			05/07/25 22:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/07/25 22:49	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/07/25 22:49	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/07/25 22:49	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/07/25 22:49	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/07/25 22:49	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/07/25 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 128*		*05/07/25 22:49*	*1*
4-Bromofluorobenzene	*84*		*76 - 120*		*05/07/25 22:49*	*1*
Dibromofluoromethane (Surr)	*82*		*77 - 132*		*05/07/25 22:49*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*05/07/25 22:49*	*1*

Client Sample ID: TB-01_20250501
Lab Sample ID: 460-325502-6

Date Collected: 05/01/25 00:00
Matrix: Water
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/07/25 23:12	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/07/25 23:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/07/25 23:12	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/07/25 23:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/07/25 23:12	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/07/25 23:12	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/07/25 23:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:12	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/07/25 23:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/07/25 23:12	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/07/25 23:12	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/07/25 23:12	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			05/07/25 23:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/07/25 23:12	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/07/25 23:12	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/07/25 23:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/07/25 23:12	1
Acetone	5.0	U	5.0	4.4	ug/L			05/07/25 23:12	1
Benzene	0.45	U	0.45	0.070	ug/L			05/07/25 23:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/07/25 23:12	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/07/25 23:12	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/07/25 23:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/07/25 23:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/07/25 23:12	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/07/25 23:12	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/07/25 23:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/07/25 23:12	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/07/25 23:12	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/07/25 23:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/07/25 23:12	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/07/25 23:12	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/07/25 23:12	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/07/25 23:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/07/25 23:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/07/25 23:12	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/07/25 23:12	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:12	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/07/25 23:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/07/25 23:12	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/07/25 23:12	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/07/25 23:12	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/07/25 23:12	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 23:12	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 23:12	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/07/25 23:12	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 23:12	1
Styrene	1.0	U	1.0	0.42	ug/L			05/07/25 23:12	1

Client Sample ID: TB-01_20250501 Lab Sample ID: 460-325502-6

Date Collected: 05/01/25 00:00 **Matrix: Water**
Date Received: 05/02/25 18:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 23:12	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/07/25 23:12	1
Toluene	1.0	U	1.0	0.38	ug/L			05/07/25 23:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/07/25 23:12	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/07/25 23:12	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/07/25 23:12	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/07/25 23:12	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/07/25 23:12	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/07/25 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 128*		*05/07/25 23:12*	*1*
4-Bromofluorobenzene	*84*		*76 - 120*		*05/07/25 23:12*	*1*
Dibromofluoromethane (Surr)	*83*		*77 - 132*		*05/07/25 23:12*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*05/07/25 23:12*	*1*

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-325502-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-325502-1	MW-06_20250501	82	83	84	107
460-325502-1 MS	MW-06_20250501	82	84	85	107
460-325502-1 MSD	MW-06_20250501	81	85	84	108
460-325502-2	MW-07_20250501	82	83	84	105
460-325502-3	MW-08_20250501	81	84	83	105
460-325502-4	Dup-01_20250501	80	83	83	106
460-325502-5	FB-01_20250501	82	84	82	109
460-325502-6	TB-01_20250501	82	84	83	108
LCS 460-1036114/3	Lab Control Sample	83	85	82	108
LCSD 460-1036114/4	Lab Control Sample Dup	88	85	83	108
MB 460-1036114/7	Method Blank	80	83	82	106

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1036114/7
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/07/25 20:09	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/07/25 20:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/07/25 20:09	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/07/25 20:09	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/07/25 20:09	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/07/25 20:09	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/07/25 20:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/07/25 20:09	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 20:09	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/07/25 20:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/07/25 20:09	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/07/25 20:09	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/07/25 20:09	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			05/07/25 20:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/07/25 20:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/07/25 20:09	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/07/25 20:09	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/07/25 20:09	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/07/25 20:09	1
Acetone	5.0	U	5.0	4.4	ug/L			05/07/25 20:09	1
Benzene	0.45	U	0.45	0.070	ug/L			05/07/25 20:09	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/07/25 20:09	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/07/25 20:09	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/07/25 20:09	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/07/25 20:09	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/07/25 20:09	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/07/25 20:09	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/07/25 20:09	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/07/25 20:09	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/07/25 20:09	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/07/25 20:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/07/25 20:09	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/07/25 20:09	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/07/25 20:09	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/07/25 20:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/07/25 20:09	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/07/25 20:09	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/07/25 20:09	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 20:09	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/07/25 20:09	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/07/25 20:09	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/07/25 20:09	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/07/25 20:09	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/07/25 20:09	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 20:09	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			05/07/25 20:09	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/07/25 20:09	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			05/07/25 20:09	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1036114/7
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			05/07/25 20:09	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			05/07/25 20:09	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/07/25 20:09	1
Toluene	1.0	U	1.0	0.38	ug/L			05/07/25 20:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/07/25 20:09	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/07/25 20:09	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/07/25 20:09	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/07/25 20:09	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/07/25 20:09	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/07/25 20:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*70 - 128*		*05/07/25 20:09*	*1*
4-Bromofluorobenzene	*83*		*76 - 120*		*05/07/25 20:09*	*1*
Dibromofluoromethane (Surr)	*82*		*77 - 132*		*05/07/25 20:09*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*05/07/25 20:09*	*1*

Lab Sample ID: LCS 460-1036114/3
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	16.3		ug/L		81	72 - 128
1,1,2,2-Tetrachloroethane	20.0	22.8		ug/L		114	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.3		ug/L		81	65 - 142
1,1,2-Trichloroethane	20.0	21.5		ug/L		108	74 - 125
1,1-Dichloroethane	20.0	18.5		ug/L		92	73 - 130
1,1-Dichloroethene	20.0	19.3		ug/L		97	68 - 133
1,2,3-Trichlorobenzene	20.0	17.4		ug/L		87	55 - 150
1,2,4-Trichlorobenzene	20.0	17.4		ug/L		87	67 - 132
1,2,4-Trimethylbenzene	20.0	21.7		ug/L		108	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.9		ug/L		89	58 - 132
1,2-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 120
1,2-Dichloroethane	20.0	15.0		ug/L		75	66 - 129
1,2-Dichloropropane	20.0	19.1		ug/L		96	72 - 128
1,3,5-Trimethylbenzene	20.0	21.6		ug/L		108	75 - 125
1,3-Dichlorobenzene	20.0	20.1		ug/L		101	80 - 120
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 120
2-Butanone (MEK)	100	94.9		ug/L		95	65 - 142
2-Hexanone	100	103		ug/L		103	72 - 134
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	77 - 130
Acetone	100	92.5		ug/L		92	60 - 133
Benzene	20.0	22.8		ug/L		114	71 - 126
Bromoform	20.0	14.6		ug/L		73	58 - 128
Bromomethane	20.0	12.2		ug/L		61	33 - 150
Carbon disulfide	20.0	18.2		ug/L		91	35 - 150
Carbon tetrachloride	20.0	16.0		ug/L		80	65 - 131
Chlorobenzene	20.0	20.0		ug/L		100	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1036114/3
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	17.4		ug/L		87	71 - 134
Chlorodibromomethane	20.0	18.0		ug/L		90	73 - 121
Chloroethane	20.0	23.0		ug/L		115	54 - 150
Chloroform	20.0	17.6		ug/L		88	78 - 125
Chloromethane	20.0	22.5		ug/L		113	43 - 149
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	78 - 121
cis-1,3-Dichloropropene	20.0	20.3		ug/L		102	74 - 125
Cyclohexane	20.0	17.2		ug/L		86	64 - 142
Dichlorobromomethane	20.0	15.9		ug/L		80	76 - 121
Dichlorodifluoromethane	20.0	17.9		ug/L		89	38 - 144
Ethylbenzene	20.0	20.1		ug/L		100	78 - 120
Ethylene Dibromide	20.0	19.5		ug/L		98	79 - 126
Isopropylbenzene	20.0	20.1		ug/L		100	79 - 125
Methyl acetate	40.0	43.6		ug/L		109	50 - 147
Methyl tert-butyl ether	20.0	16.8		ug/L		84	72 - 131
Methylcyclohexane	20.0	16.1		ug/L		81	63 - 138
Methylene Chloride	20.0	21.0		ug/L		105	74 - 127
m-Xylene & p-Xylene	20.0	19.7		ug/L		99	78 - 120
n-Butylbenzene	20.0	23.1		ug/L		116	69 - 135
N-Propylbenzene	20.0	23.8		ug/L		119	68 - 129
o-Xylene	20.0	20.1		ug/L		100	78 - 120
sec-Butylbenzene	20.0	22.7		ug/L		113	77 - 129
Styrene	20.0	20.8		ug/L		104	82 - 127
tert-Butylbenzene	20.0	21.1		ug/L		106	78 - 120
Tetrachloroethene	20.0	16.6		ug/L		83	70 - 127
Toluene	20.0	21.0		ug/L		105	78 - 120
trans-1,2-Dichloroethene	20.0	19.1		ug/L		96	70 - 126
trans-1,3-Dichloropropene	20.0	18.8		ug/L		94	71 - 127
Trichloroethene	20.0	17.7		ug/L		89	73 - 121
Trichlorofluoromethane	20.0	17.0		ug/L		85	62 - 134
Vinyl chloride	20.0	25.7		ug/L		129	55 - 144
Xylenes, Total	40.0	39.8		ug/L		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 128*
4-Bromofluorobenzene	*85*		*76 - 120*
Dibromofluoromethane (Surr)	*82*		*77 - 132*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: LCSD 460-1036114/4
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	16.5		ug/L		82	72 - 128	1	30
1,1,2,2-Tetrachloroethane	20.0	22.3		ug/L		112	63 - 139	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.1		ug/L		85	65 - 142	5	30
1,1,2-Trichloroethane	20.0	21.0		ug/L		105	74 - 125	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1036114/4
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	20.0	18.5		ug/L		93	73 - 130	0	30
1,1-Dichloroethene	20.0	19.7		ug/L		98	68 - 133	2	30
1,2,3-Trichlorobenzene	20.0	17.4		ug/L		87	55 - 150	0	30
1,2,4-Trichlorobenzene	20.0	17.3		ug/L		86	67 - 132	1	30
1,2,4-Trimethylbenzene	20.0	21.4		ug/L		107	75 - 125	1	30
1,2-Dibromo-3-Chloropropane	20.0	18.3		ug/L		92	58 - 132	3	30
1,2-Dichlorobenzene	20.0	19.4		ug/L		97	80 - 120	1	30
1,2-Dichloroethane	20.0	15.8		ug/L		79	66 - 129	6	30
1,2-Dichloropropane	20.0	18.8		ug/L		94	72 - 128	2	30
1,3,5-Trimethylbenzene	20.0	21.4		ug/L		107	75 - 125	1	30
1,3-Dichlorobenzene	20.0	19.7		ug/L		99	80 - 120	2	30
1,4-Dichlorobenzene	20.0	19.5		ug/L		97	80 - 120	1	30
2-Butanone (MEK)	100	94.5		ug/L		94	65 - 142	0	30
2-Hexanone	100	103		ug/L		103	72 - 134	0	30
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	77 - 130	0	30
Acetone	100	97.8		ug/L		98	60 - 133	6	30
Benzene	20.0	22.3		ug/L		112	71 - 126	2	30
Bromoform	20.0	15.4		ug/L		77	58 - 128	5	30
Bromomethane	20.0	14.6		ug/L		73	33 - 150	17	30
Carbon disulfide	20.0	18.7		ug/L		94	35 - 150	3	30
Carbon tetrachloride	20.0	16.3		ug/L		82	65 - 131	2	30
Chlorobenzene	20.0	19.9		ug/L		99	80 - 120	1	30
Chlorobromomethane	20.0	17.3		ug/L		87	71 - 134	0	30
Chlorodibromomethane	20.0	18.8		ug/L		94	73 - 121	4	30
Chloroethane	20.0	23.8		ug/L		119	54 - 150	4	30
Chloroform	20.0	17.5		ug/L		88	78 - 125	1	30
Chloromethane	20.0	23.8		ug/L		119	43 - 149	6	30
cis-1,2-Dichloroethene	20.0	18.8		ug/L		94	78 - 121	3	30
cis-1,3-Dichloropropene	20.0	20.5		ug/L		103	74 - 125	1	30
Cyclohexane	20.0	16.8		ug/L		84	64 - 142	2	30
Dichlorobromomethane	20.0	16.0		ug/L		80	76 - 121	0	30
Dichlorodifluoromethane	20.0	19.2		ug/L		96	38 - 144	7	30
Ethylbenzene	20.0	20.0		ug/L		100	78 - 120	0	30
Ethylene Dibromide	20.0	19.9		ug/L		99	79 - 126	2	30
Isopropylbenzene	20.0	19.9		ug/L		99	79 - 125	1	30
Methyl acetate	40.0	45.4		ug/L		114	50 - 147	4	30
Methyl tert-butyl ether	20.0	17.7		ug/L		89	72 - 131	5	30
Methylcyclohexane	20.0	16.1		ug/L		80	63 - 138	0	30
Methylene Chloride	20.0	21.3		ug/L		107	74 - 127	2	30
m-Xylene & p-Xylene	20.0	19.8		ug/L		99	78 - 120	0	30
n-Butylbenzene	20.0	22.5		ug/L		113	69 - 135	3	30
N-Propylbenzene	20.0	23.5		ug/L		117	68 - 129	1	30
o-Xylene	20.0	20.3		ug/L		102	78 - 120	1	30
sec-Butylbenzene	20.0	21.9		ug/L		109	77 - 129	4	30
Styrene	20.0	20.7		ug/L		104	82 - 127	0	30
tert-Butylbenzene	20.0	20.7		ug/L		104	78 - 120	2	30
Tetrachloroethene	20.0	16.5		ug/L		83	70 - 127	0	30
Toluene	20.0	20.9		ug/L		105	78 - 120	0	30
trans-1,2-Dichloroethene	20.0	19.4		ug/L		97	70 - 126	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1036114/4
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			20.0	19.4		ug/L		97	71 - 127	3	30
Trichloroethene			20.0	17.5		ug/L		88	73 - 121	1	30
Trichlorofluoromethane			20.0	18.2		ug/L		91	62 - 134	7	30
Vinyl chloride			20.0	26.9		ug/L		134	55 - 144	4	30
Xylenes, Total			40.0	40.1		ug/L		100	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 128*
4-Bromofluorobenzene	*85*		*76 - 120*
Dibromofluoromethane (Surr)	*83*		*77 - 132*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: 460-325502-1 MS
Matrix: Water
Analysis Batch: 1036114

Client Sample ID: MW-06_20250501
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	15.7		ug/L		78	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	23.4		ug/L		117	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	17.8		ug/L		89	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	21.5		ug/L		107	74 - 125
1,1-Dichloroethane	1.0	U	20.0	18.6		ug/L		93	73 - 130
1,1-Dichloroethene	1.0	U	20.0	18.4		ug/L		92	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	15.0		ug/L		75	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	14.9		ug/L		74	67 - 132
1,2,4-Trimethylbenzene	1.0	U	20.0	18.3		ug/L		91	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	16.5		ug/L		82	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	19.4		ug/L		97	80 - 120
1,2-Dichloroethane	0.30	U	20.0	14.3		ug/L		71	66 - 129
1,2-Dichloropropane	0.92	U	20.0	19.7		ug/L		99	72 - 128
1,3,5-Trimethylbenzene	1.0	U	20.0	19.1		ug/L		95	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	19.2		ug/L		96	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	18.7		ug/L		93	80 - 120
2-Butanone (MEK)	5.0	U	100	86.9		ug/L		87	65 - 142
2-Hexanone	5.0	U	100	98.8		ug/L		99	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	104		ug/L		104	77 - 130
Acetone	5.0	U	100	81.4		ug/L		81	60 - 133
Benzene	0.45	U	20.0	22.2		ug/L		111	71 - 126
Bromoform	1.0	U	20.0	13.8		ug/L		69	58 - 128
Bromomethane	1.0	U	20.0	7.03		ug/L		35	33 - 150
Carbon disulfide	1.0	U	20.0	17.0		ug/L		85	35 - 150
Carbon tetrachloride	1.0	U	20.0	15.2		ug/L		76	65 - 131
Chlorobenzene	1.0	U	20.0	19.4		ug/L		97	80 - 120
Chlorobromomethane	1.0	U	20.0	16.9		ug/L		85	71 - 134
Chlorodibromomethane	0.78	U	20.0	17.3		ug/L		86	73 - 121
Chloroethane	1.0	U	20.0	21.8		ug/L		109	54 - 150
Chloroform	0.66	J	20.0	18.2		ug/L		87	78 - 125
Chloromethane	1.0	U	20.0	20.9		ug/L		104	43 - 149

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-325502-1 MS **Client Sample ID: MW-06_20250501**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 1036114

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	1.0	U	20.0	19.3		ug/L		96	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	18.4		ug/L		92	74 - 125
Cyclohexane	1.0	U	20.0	18.4		ug/L		92	64 - 142
Dichlorobromomethane	0.98	U	20.0	15.3		ug/L		76	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	19.0		ug/L		95	38 - 144
Ethylbenzene	1.0	U	20.0	19.1		ug/L		96	78 - 120
Ethylene Dibromide	1.0	U	20.0	19.1		ug/L		95	79 - 126
Isopropylbenzene	1.0	U	20.0	19.4		ug/L		97	79 - 125
Methyl acetate	5.0	U	40.0	36.8		ug/L		92	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	15.1		ug/L		76	72 - 131
Methylcyclohexane	1.0	U	20.0	17.8		ug/L		89	63 - 138
Methylene Chloride	1.0	U	20.0	20.0		ug/L		100	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	18.5		ug/L		93	78 - 120
n-Butylbenzene	1.0	U	20.0	21.3		ug/L		107	69 - 135
N-Propylbenzene	1.0	U	20.0	22.8		ug/L		114	68 - 129
o-Xylene	1.0	U	20.0	19.1		ug/L		95	78 - 120
sec-Butylbenzene	1.0	U	20.0	21.5		ug/L		108	77 - 129
Styrene	1.0	U	20.0	16.1	*	ug/L		80	82 - 127
tert-Butylbenzene	1.0	U	20.0	20.1		ug/L		101	78 - 120
Tetrachloroethene	42		20.0	49.5	*	ug/L		39	70 - 127
Toluene	1.0	U	20.0	20.5		ug/L		102	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	18.6		ug/L		93	70 - 126
trans-1,3-Dichloropropene	0.45	U	20.0	16.2		ug/L		81	71 - 127
Trichloroethene	0.38		20.0	17.4		ug/L		85	73 - 121
Trichlorofluoromethane	1.0	U	20.0	16.9		ug/L		84	62 - 134
Vinyl chloride	1.0	U	20.0	25.3		ug/L		126	55 - 144
Xylenes, Total	2.0	U	40.0	37.6		ug/L		94	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 128*
4-Bromofluorobenzene	*84*		*76 - 120*
Dibromofluoromethane (Surr)	*85*		*77 - 132*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: 460-325502-1 MSD **Client Sample ID: MW-06_20250501**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 1036114

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	16.8		ug/L		84	72 - 128	7	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	24.8		ug/L		124	63 - 139	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	18.9		ug/L		94	65 - 142	6	30
1,1,2-Trichloroethane	0.58	U	20.0	22.6		ug/L		113	74 - 125	5	30
1,1-Dichloroethane	1.0	U	20.0	19.6		ug/L		98	73 - 130	5	30
1,1-Dichloroethene	1.0	U	20.0	19.6		ug/L		98	68 - 133	6	30
1,2,3-Trichlorobenzene	1.0	U	20.0	16.8		ug/L		84	55 - 150	11	30
1,2,4-Trichlorobenzene	1.0	U	20.0	16.7		ug/L		83	67 - 132	12	30
1,2,4-Trimethylbenzene	1.0	U	20.0	20.0		ug/L		100	75 - 125	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-325502-1 MSD
Client Sample ID: MW-06_20250501
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1036114

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	17.3		ug/L		87	58 - 132	5	30
1,2-Dichlorobenzene	1.0	U	20.0	20.5		ug/L		102	80 - 120	5	30
1,2-Dichloroethane	0.30	U	20.0	15.2		ug/L		76	66 - 129	6	30
1,2-Dichloropropane	0.92	U	20.0	20.8		ug/L		104	72 - 128	5	30
1,3,5-Trimethylbenzene	1.0	U	20.0	20.5		ug/L		103	75 - 125	7	30
1,3-Dichlorobenzene	1.0	U	20.0	20.4		ug/L		102	80 - 120	6	30
1,4-Dichlorobenzene	1.0	U	20.0	20.1		ug/L		101	80 - 120	8	30
2-Butanone (MEK)	5.0	U	100	91.6		ug/L		92	65 - 142	5	30
2-Hexanone	5.0	U	100	106		ug/L		106	72 - 134	7	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	110		ug/L		110	77 - 130	6	30
Acetone	5.0	U	100	87.1		ug/L		87	60 - 133	7	30
Benzene	0.45	U	20.0	24.1		ug/L		120	71 - 126	8	30
Bromoform	1.0	U	20.0	15.1		ug/L		75	58 - 128	9	30
Bromomethane	1.0	U	20.0	12.2	*	ug/L		61	33 - 150	54	30
Carbon disulfide	1.0	U	20.0	18.2		ug/L		91	35 - 150	7	30
Carbon tetrachloride	1.0	U	20.0	16.6		ug/L		83	65 - 131	9	30
Chlorobenzene	1.0	U	20.0	21.1		ug/L		105	80 - 120	8	30
Chlorobromomethane	1.0	U	20.0	18.1		ug/L		91	71 - 134	7	30
Chlorodibromomethane	0.78	U	20.0	18.5		ug/L		93	73 - 121	7	30
Chloroethane	1.0	U	20.0	22.7		ug/L		113	54 - 150	4	30
Chloroform	0.66	J	20.0	19.0		ug/L		91	78 - 125	4	30
Chloromethane	1.0	U	20.0	22.3		ug/L		112	43 - 149	7	30
cis-1,2-Dichloroethene	1.0	U	20.0	20.0		ug/L		100	78 - 121	4	30
cis-1,3-Dichloropropene	0.45	U	20.0	20.3		ug/L		102	74 - 125	10	30
Cyclohexane	1.0	U	20.0	19.7		ug/L		98	64 - 142	7	30
Dichlorobromomethane	0.98	U	20.0	16.2		ug/L		81	76 - 121	6	30
Dichlorodifluoromethane	1.0	U	20.0	20.1		ug/L		101	38 - 144	6	30
Ethylbenzene	1.0	U	20.0	20.8		ug/L		104	78 - 120	8	30
Ethylene Dibromide	1.0	U	20.0	20.6		ug/L		103	79 - 126	8	30
Isopropylbenzene	1.0	U	20.0	21.3		ug/L		106	79 - 125	9	30
Methyl acetate	5.0	U	40.0	38.3		ug/L		96	50 - 147	4	30
Methyl tert-butyl ether	1.0	U	20.0	16.1		ug/L		81	72 - 131	7	30
Methylcyclohexane	1.0	U	20.0	18.9		ug/L		94	63 - 138	6	30
Methylene Chloride	1.0	U	20.0	21.4		ug/L		107	74 - 127	7	30
m-Xylene & p-Xylene	1.0	U	20.0	20.2		ug/L		101	78 - 120	9	30
n-Butylbenzene	1.0	U	20.0	23.0		ug/L		115	69 - 135	8	30
N-Propylbenzene	1.0	U	20.0	24.5		ug/L		123	68 - 129	7	30
o-Xylene	1.0	U	20.0	20.8		ug/L		104	78 - 120	9	30
sec-Butylbenzene	1.0	U	20.0	23.1		ug/L		115	77 - 129	7	30
Styrene	1.0	U	20.0	17.9		ug/L		90	82 - 127	11	30
tert-Butylbenzene	1.0	U	20.0	21.7		ug/L		108	78 - 120	7	30
Tetrachloroethene	42		20.0	52.3	*	ug/L		53	70 - 127	5	30
Toluene	1.0	U	20.0	22.1		ug/L		110	78 - 120	8	30
trans-1,2-Dichloroethene	1.0	U	20.0	19.2		ug/L		96	70 - 126	4	30
trans-1,3-Dichloropropene	0.45	U	20.0	18.4		ug/L		92	71 - 127	12	30
Trichloroethene	0.38		20.0	18.4		ug/L		90	73 - 121	6	30
Trichlorofluoromethane	1.0	U	20.0	17.8		ug/L		89	62 - 134	5	30
Vinyl chloride	1.0	U	20.0	26.7		ug/L		133	55 - 144	5	30
Xylenes, Total	2.0	U	40.0	41.0		ug/L		103	80 - 120	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	81		70 - 128
4-Bromofluorobenzene	85		76 - 120
Dibromofluoromethane (Surr)	84		77 - 132
Toluene-d8 (Surr)	108		80 - 120

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-325502-1

GC/MS VOA

Analysis Batch: 1036114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-325502-1	MW-06_20250501	Total/NA	Water	8260D	
460-325502-2	MW-07_20250501	Total/NA	Water	8260D	
460-325502-3	MW-08_20250501	Total/NA	Water	8260D	
460-325502-4	Dup-01_20250501	Total/NA	Water	8260D	
460-325502-5	FB-01_20250501	Total/NA	Water	8260D	
460-325502-6	TB-01_20250501	Total/NA	Water	8260D	
MB 460-1036114/7	Method Blank	Total/NA	Water	8260D	
LCS 460-1036114/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1036114/4	Lab Control Sample Dup	Total/NA	Water	8260D	
460-325502-1 MS	MW-06_20250501	Total/NA	Water	8260D	
460-325502-1 MSD	MW-06_20250501	Total/NA	Water	8260D	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 460-325502-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: MW-06_20250501
Lab Sample ID: 460-325502-1
Date Collected: 05/01/25 14:15
Matrix: Water
Date Received: 05/02/25 18:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1036114	SZD	EET EDI	05/07/25 23:35

Client Sample ID: MW-07_20250501
Lab Sample ID: 460-325502-2
Date Collected: 05/01/25 15:55
Matrix: Water
Date Received: 05/02/25 18:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1036114	SZD	EET EDI	05/07/25 23:58

Client Sample ID: MW-08_20250501
Lab Sample ID: 460-325502-3
Date Collected: 05/01/25 16:40
Matrix: Water
Date Received: 05/02/25 18:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1036114	SZD	EET EDI	05/08/25 00:20

Client Sample ID: Dup-01_20250501
Lab Sample ID: 460-325502-4
Date Collected: 05/01/25 15:30
Matrix: Water
Date Received: 05/02/25 18:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1036114	SZD	EET EDI	05/08/25 00:43

Client Sample ID: FB-01_20250501
Lab Sample ID: 460-325502-5
Date Collected: 05/01/25 10:25
Matrix: Water
Date Received: 05/02/25 18:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1036114	SZD	EET EDI	05/07/25 22:49

Client Sample ID: TB-01_20250501
Lab Sample ID: 460-325502-6
Date Collected: 05/01/25 00:00
Matrix: Water
Date Received: 05/02/25 18:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1036114	SZD	EET EDI	05/07/25 23:12

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc. Job ID: 460-325502-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00183	05/13/25	04/13/25	MeOH, Lot EI863-US	2 mL	1,4-Dioxane P_00001	1 mL	1,4-Dioxane	500 ug/mL
.1,4-Dioxane P_00001	09/27/29		Absolute, Lot 092724		(Purchased Reagent)		1,4-Dioxane	1000 ug/mL
524FREONS_00033	05/15/25	04/15/25	MeOH, Lot EI863-US	10 mL	7 Freons_00008	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00008	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00026	04/26/25	03/26/25	MeOH, Lot EI863-US	5 mL	7 Freons_00008	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00008	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00191	04/28/25	03/28/25	MeOH, Lot EI836-US	10 mL	KetonesC SS_00017	200 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix SS_00022	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00017	04/30/27		RESTEK, Lot A0209876		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix SS_00022	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260MIX1COMB_00203	05/01/25	04/01/25	MeOH, Lot EI863-US	50 mL	EPICH(working_00015	0.5 mL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00026	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00025	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00031	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					LIST2/STD6_00024	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00027	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00043	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00031	1 mL	Acetonitrile	500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00102	1 mL	Vinyl acetate	100 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT) 00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new) 00026	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00025	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00031	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.LIST2/STD6_00024	03/31/26		RESTEK, Lot A0216327		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00027	01/31/26		RESTEK, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00031	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00102	09/30/25		RESTEK, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00203	05/01/25	04/01/25	MeOH, Lot EI863-US	50 mL	Mega Mix_00043	1 mL	Xylenes, Total	100 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
8260MIX1COMB_00205	06/06/25	05/06/25	MeOH, Lot EJ660-US	50 mL	KetonesC_00031	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix_00043	1 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC_00031	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
ACROLEIN W_00182	05/13/25	04/13/25	MeOH, Lot EI863-US	10 mL	ACROLEIN_00025	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00025	09/30/25		RESTEK, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00136	04/27/25	03/27/25	MeOH, Lot EI863-US	10 mL	Acrylonitrile_00010	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00015	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00010	06/15/26		ABSOLUTE, Lot 061523		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00039							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	500 uL	4-Bromofluorobenzene	25 ug/mL
							BFB	25 ug/mL
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
Ethanol mix_00100	04/26/25	03/26/25	MeOH, Lot EI863-US	5 mL	ETHANOL(new)_00026	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00026	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00619	04/25/25	04/18/25	MeOH, Lot EI863-US	10 mL	GASES SS_00028	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00028	05/31/27		RESTEK, Lot A0211505		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00493	04/22/25	04/08/25	MeOH, Lot EI863-US	5 mL	GASES C_00042	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00637	04/24/25	04/17/25	MeOH, Lot EI863-US	25 mL	GASES C_00042	500 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00640	05/10/25	05/03/25	MeOH, Lot EI863-US	25 mL	GASES C_00042	500 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00160	04/27/25	03/27/25	MeOH, Lot EI863-US	5 mL	Extra Cmpd_00025	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00024	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00027	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00031	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.Extra Cmpd_00025	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00024	03/31/26		RESTEK, Lot A0216327		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00027	01/31/26		RESTEK, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00031	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00187	04/27/25	03/27/25	MeOH, Lot EI863-US	5 mL	EPICH(working_00015	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00031	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
					Mega Mix_00043	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chlorodibromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromomethane	500 ug/mL
							Dichlorobromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00102	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00031	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00102	09/30/25	RESTEK, Lot A0209567			(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VOA6IS/SURR_00080	05/21/25	03/21/25	MeOH, Lot EI863-US	5 mL	8260 SURR C_00068	100 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					8260ISNEW_00210	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260 SURR C_00068	05/31/29	RESTEK, Lot A0211048			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.8260ISNEW_00210	09/30/29	RESTEK, Lot A0217062			(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL

Reagent

1,4-Dioxane P_00001

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Certified Reference Material CRM

R 2596

ANAB ISO 17034 Accredited
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CERTIFIED WEIGHT REPORT

Part Number: 70373
Lot Number: 092724
Description: 1,4-Dioxane

Primary Container # 12391162

Solvent: Methanol **Lot#** EI863-US

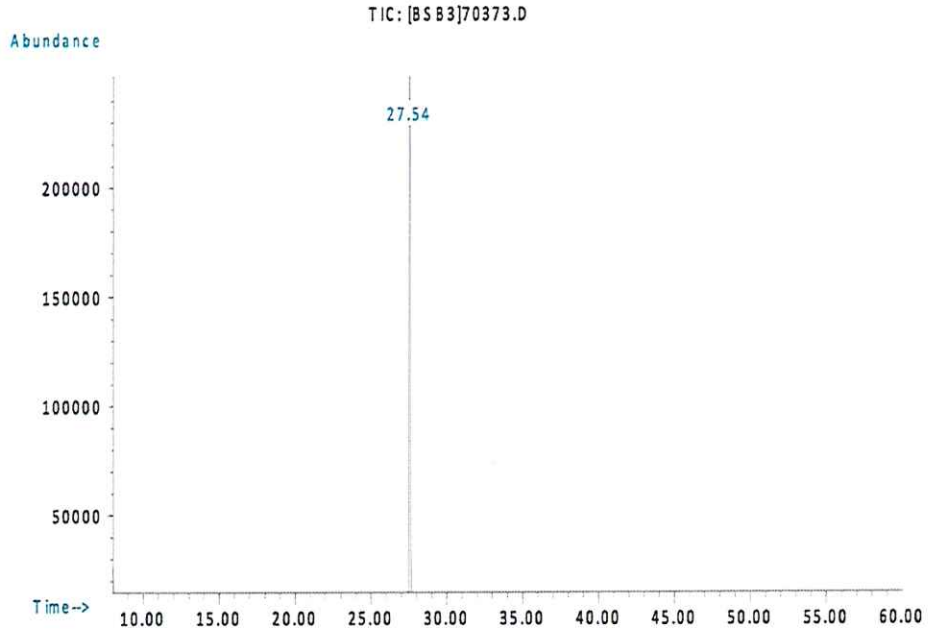
Expiration Date: 092729
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

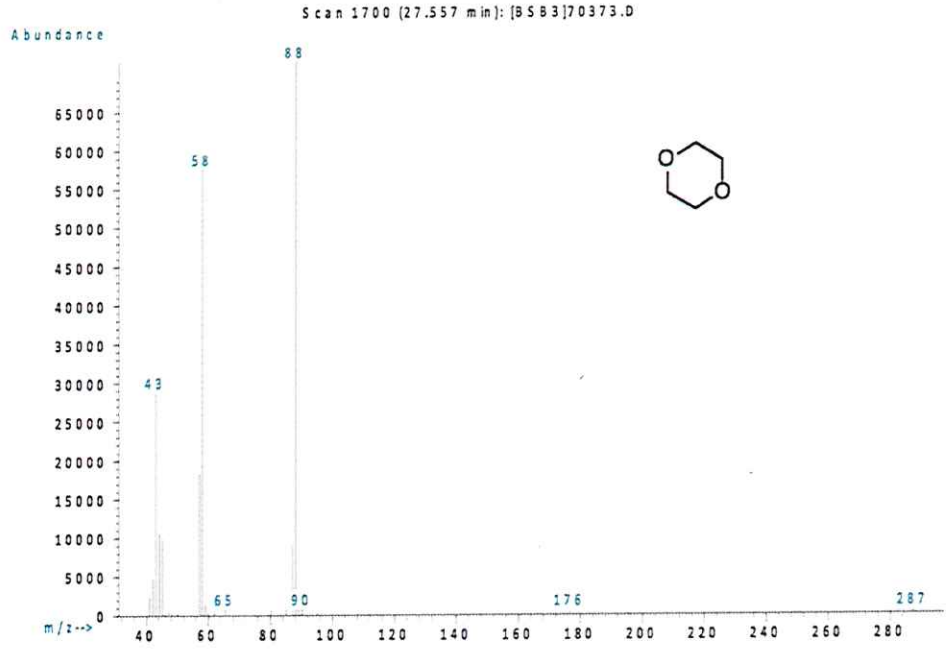
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 200.0
0.002 Flask Uncertainty

Formulated By:	Prashant Chauhan	092724 DATE
Reviewed By:	Pedro L. Rentas	092724 DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	1,4-Dioxane	373	03853KE	1000	99	0.2	0.20200	0.20220	1001.0	4.1	123-91-1	25 ppm (90mg/m3/8H)(skin)	orl-mus 5700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness). Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. Analysis performed by Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

7 Freons_00008

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Certified Reference Material CRM

ANAB ISO 17034 Accredited
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CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EF282-USQ5

R2563
MS 12/10/24 #12227931

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Eli Aliaga	040723
Formulated By: Eli Aliaga	DATE
Pedro Rentas	040723
Reviewed By: Pedro L. Rentas	DATE

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2. Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3. Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4. 1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5. 2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6. 1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7. 1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

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- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

8260 SURR C_00068

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2586

MS 1/22/25

12305105

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260ISNEW_00210

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CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

R2592

MS 2/7/25 #12340821

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0217062

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,001.3 µg/mL	+/- 62.1141
2	2-Butanone-d5	24313-50-6	M-276	99%	1,250.9 µg/mL	+/- 15.5357
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.0 µg/mL	+/- 3.1065
4	1,4-Dioxane-d8	17647-74-4	RP240917A	99%	5,004.3 µg/mL	+/- 62.1513
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.3 µg/mL	+/- 3.1102
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1152

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)

CAS # 67-56-1/7732-18-5

Purity 99%

Page 621

Reagent

ACROLEIN_00025

R2511

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0209476

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RP240118CTH	99%	19,917.5 µg/mL	+/- 585.1357

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Page 37 of 221

Reagent

Acrylonitrile_00010

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Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 061523
Description: Acrylonitrile

Solvent: Methanol **Lot#** EE584-USQ7

R2520 #11756671
MS 5/21/24

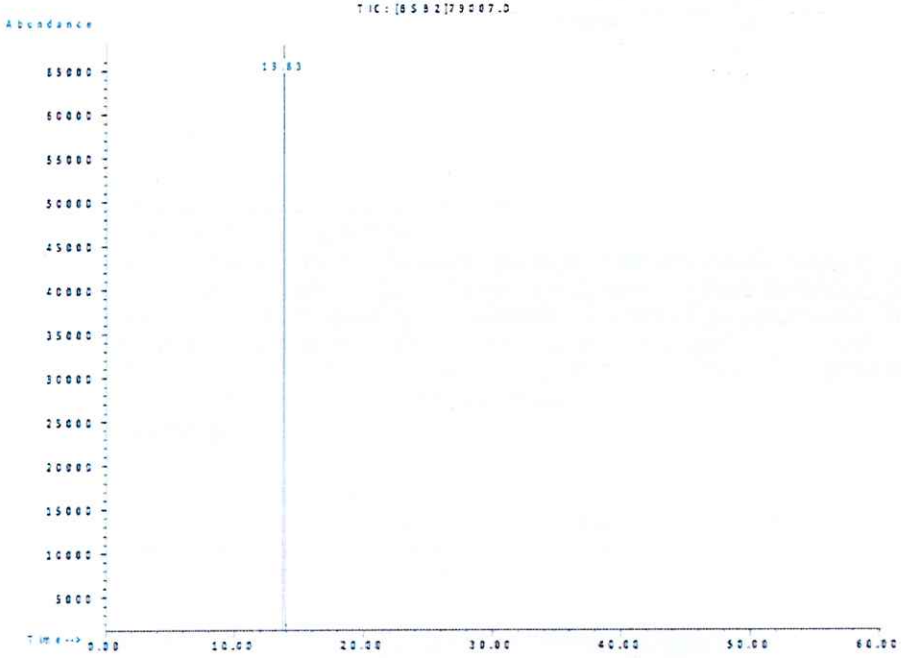
Expiration Date: 061526
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

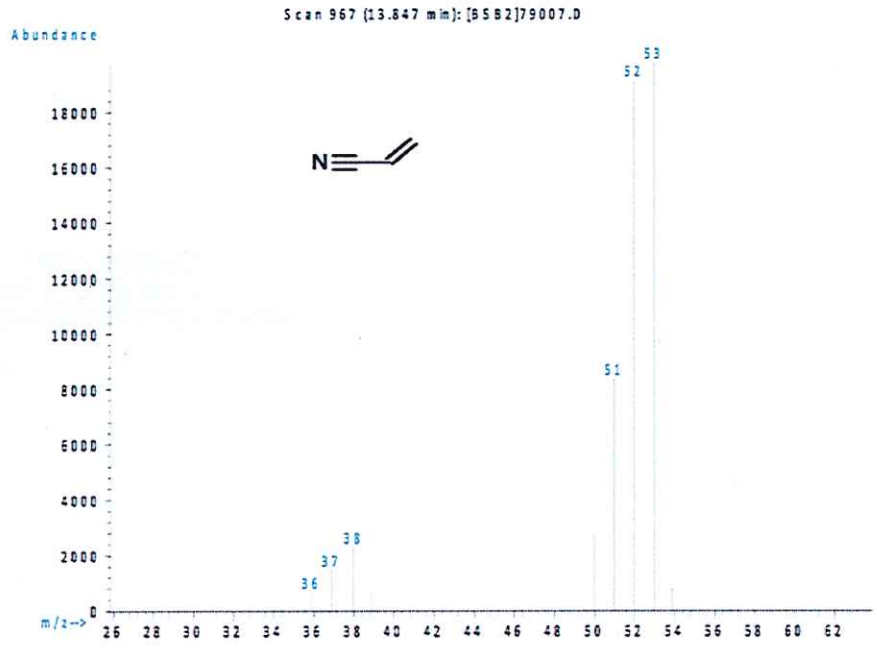
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0
0.001 Flask Uncertainty

Formulated By:	Eli Aliaga	061523 DATE
Reviewed By:	Pedro L. Rentas	061523 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05063	1001.9	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





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- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

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Email USA: techserv@sial.com
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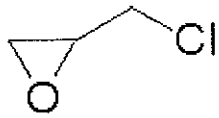
Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 °C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

ETHANOL(new)_00026

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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R2582

MS 1/15/25 #12292276

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0220852

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR7934	99%	100,059.0 µg/mL	+/- 1,244.6087

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Extra Cmpd_00025

CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 010825
Description: VOC Standard 2015
14 components
Expiration Date: 010828
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EJ143-USQ6

R2581

MS 1/10/25 #12285003

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 75.0 0.021 Flask Uncertainty

Prashant Chauhan		010825
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		010825
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. n-Amyl acetate	1515	OGL01	2500	98	0.2	0.19133	0.19150	2502.3	10.4	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2. tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.19133	0.19144	2501.5	10.4	919-94-8	N/A	inh-mus 81284mg/m3/15H
3. n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.18939	0.18948	2501.1	10.3	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4. Butyl methacrylate	1314	03220HG	2500	99	0.2	0.18939	0.18950	2501.4	10.3	97-88-1	N/A	orl-rat 18 g/kg
5. Cyclopentene	519	MKCL5160	2500	98.3	0.2	0.19074	0.19089	2501.9	10.4	142-29-0	N/A	orl-rat 1656mg/kg
6. 4-Ethyltoluene	1001	031097	2500	99	0.2	0.18939	0.18945	2500.7	10.3	622-96-8	N/A	N/A
7. Indan	955	06309PV	2500	96	0.2	0.19531	0.19545	2501.8	10.6	496-11-7	N/A	N/A
8. Isoprene	1541	SHBN7340	2500	99.7	0.2	0.18806	0.18825	2502.5	10.2	78-79-5	N/A	N/A
9. Isopropyl acetate	1106	MKCQ4616	2500	99.90	0.2	0.18769	0.18781	2501.6	10.2	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10. Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.18769	0.18780	2501.5	10.2	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11. n-Pentane	783	LX202310NP	**5000**	99.57	0.2	0.37662	0.37682	**5002.7**	20.3	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12. Propyl acetate	1105	05017HY	2500	99	0.2	0.18939	0.18950	2501.4	10.3	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13. 1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.19133	0.19150	2502.3	10.4	95-93-2	N/A	orl-rat 6989mg/kg
14. 1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.19133	0.19148	2502.0	10.4	105-05-5	N/A	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Reagent

GASES C_00042

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Certificate of Analysis

chromatographic plus

R2588

MS 2/5/25 # 12335374

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Pag 621

Reagent

GASES SS_00028

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R2560

MS 11/1/24 #12143985

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0211505

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,506.6 µg/mL	+/- 141.9557
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,508.3 µg/mL	+/- 142.1039
3	Vinyl chloride	75-01-4 *	00015559	99%	2,513.8 µg/mL	+/- 142.7235
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,508.8 µg/mL	+/- 142.0275
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,535.7 µg/mL	+/- 145.7487
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,503.6 µg/mL	+/- 141.4181
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,523.6 µg/mL	+/- 141.7792
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,509.1 µg/mL	+/- 141.8184

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

KetonesC SS_00017

RESTEK
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MS 8/20/24 R2539 #11963401

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0209876

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	U19I024	99%	12,580.0 µg/mL	+/- 434.7940
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,611.6 µg/mL	+/- 435.8862
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,576.4 µg/mL	+/- 434.6696
4	2-Hexanone	591-78-6.SEC	NXXXA	99%	12,574.8 µg/mL	+/- 434.6143

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

KetonesC_00031

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MS 2/6/25 R2590 #12337663

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

LIST2/STD6_00024

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Certificate of Analysis

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1/8125 MS R2580 #12280646

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0216327

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBR6536	99%	25,028.0 µg/mL	+/- 409.2558
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	SYN240402ECS	99%	2,515.0 µg/mL	+/- 41.1371
3	Methacrylonitrile	126-98-7	1012014	99%	25,025.0 µg/mL	+/- 409.2067
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBP5702	99%	2,512.0 µg/mL	+/- 41.0880
5	1-Butanol	71-36-3	101601K21K	99%	62,571.0 µg/mL	+/- 1,023.1558
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,019.8 µg/mL	+/- 82.1065
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,509.0 µg/mL	+/- 41.0390
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	2,507.8 µg/mL	+/- 41.0197
9	Benzyl chloride	100-44-7	MKCM5986	99%	2,509.0 µg/mL	+/- 41.0390
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,510.0 µg/mL	+/- 41.0553

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD7_00027

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Certificate of Analysis

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1/3125 MS

#122753641

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0213624

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBR4534	99%	5,029.0 µg/mL	+/- 173.8139
2	Ethyl acrylate	140-88-5	10129902	99%	2,508.5 µg/mL	+/- 86.7053
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,011.5 µg/mL	+/- 173.2091
4	Butyl acetate	123-86-4	SHBR2024	99%	2,508.5 µg/mL	+/- 86.7053

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Mega Mix SS_00022

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MS 8/20/24 # 11963397

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992.SEC **Lot No.:** A0195252

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7.SEC	F23X068	99%	2,516.7 µg/mL	+/- 86.9644
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1.SEC	18342	99%	2,520.0 µg/mL	+/- 87.0795
3	1,1-Dichloroethene	75-35-4.SEC	13896500	99%	2,525.0 µg/mL	+/- 87.2523
4	tert-Butanol (TBA)	75-65-0.SEC	DI34O	99%	25,129.5 µg/mL	+/- 868.3580
5	Methyl acetate	79-20-9.SEC	UCNEL	99%	5,029.0 µg/mL	+/- 173.7790
6	Iodomethane (methyl iodide)	74-88-4.SEC	Y25A027	99%	2,521.7 µg/mL	+/- 87.1371
7	Allyl chloride (3-chloropropene)	107-05-1.SEC	RD210329	99%	2,518.2 µg/mL	+/- 87.0162
8	Methylene chloride (dichloromethane)	75-09-2.SEC	FGM02	99%	2,516.7 µg/mL	+/- 86.9644
9	Carbon disulfide	75-15-0.SEC	MKBL1376V	99%	2,511.7 µg/mL	+/- 86.7916
10	Acrylonitrile	107-13-1.SEC	V54AD	99%	25,200.3 µg/mL	+/- 870.8057
11	Methyl-tert-butyl ether (MTBE)	1634-04-4.SEC	CDCQG	99%	2,517.3 µg/mL	+/- 86.9874
12	cis-1,2-Dichloroethene	156-59-2.SEC	YZO5O	99%	2,515.3 µg/mL	+/- 86.9183
13	n-Hexane (C6)	110-54-3.SEC	10188491	99%	2,514.7 µg/mL	+/- 86.8953
14	1,1-Dichloroethane	75-34-3.SEC	1026.30-3	98%	2,512.6 µg/mL	+/- 86.8223
15	2,2-Dichloropropane	594-20-7.SEC	GI01	99%	2,521.5 µg/mL	+/- 87.1314
16	trans-1,2-Dichloroethene	156-60-5.SEC	L5QOH	99%	2,525.0 µg/mL	+/- 87.2523

17	Isobutanol (2-Methyl-1-propanol)	78-83-1.SEC PH2XK	99%	62,830.8	µg/mL	+/- 2,171.1398
18	Chloroform	67-66-3.SEC 1297547	99%	2,511.7	µg/mL	+/- 86.7916
19	Bromochloromethane	74-97-5 * 230206JLM	99%	2,515.7	µg/mL	+/- 86.9298
20	Tetrahydrofuran	109-99-9.SEC 3NYHE	99%	5,018.5	µg/mL	+/- 173.4162
21	1,1,1-Trichloroethane	71-55-6.SEC 13891800	99%	2,506.5	µg/mL	+/- 86.6130
22	Cyclohexane	110-82-7.SEC YADRA	99%	2,523.3	µg/mL	+/- 87.1947
23	1,1-Dichloropropene	563-58-6.SEC 556500	99%	2,520.5	µg/mL	+/- 87.0968
24	Carbon tetrachloride	56-23-5.SEC 11466	99%	2,520.5	µg/mL	+/- 87.0968
25	n-Heptane (C7)	142-82-5.SEC TFHUC	99%	2,516.5	µg/mL	+/- 86.9586
26	1,2-Dichloroethane	107-06-2.SEC 00016165	99%	2,519.8	µg/mL	+/- 87.0738
27	Benzene	71-43-2.SEC 101960P29K	99%	2,518.8	µg/mL	+/- 87.0392
28	Trichloroethene	79-01-6.SEC H04X050	99%	2,524.3	µg/mL	+/- 87.2293
29	Methylcyclohexane	108-87-2.SEC Q02QG	99%	2,515.8	µg/mL	+/- 86.9356
30	1,2-Dichloropropane	78-87-5.SEC ERRBI-RH	99%	2,516.8	µg/mL	+/- 86.9701
31	1,4-Dioxane	123-91-1.SEC QHRWO	99%	50,137.2	µg/mL	+/- 1,732.5061
32	Dibromomethane	74-95-3.SEC MOKKJ	99%	2,516.3	µg/mL	+/- 86.9528
33	cis-1,3-Dichloropropene	10061-01-5.SEC ZLXJ-TJ	99%	2,502.8	µg/mL	+/- 86.4863
34	Toluene	108-88-3.SEC YND2B-BD	99%	2,522.2	µg/mL	+/- 87.1544
35	Ethyl methacrylate	97-63-2.SEC AQSPO	99%	2,510.8	µg/mL	+/- 86.7628
36	trans-1,3-Dichloropropene	10061-02-6.SEC DMSL	98%	2,517.1	µg/mL	+/- 86.9804
37	1,1,2-Trichloroethane	79-00-5.SEC 9245400	99%	2,512.2	µg/mL	+/- 86.8089
38	1,3-Dichloropropane	142-28-9.SEC IQCON	99%	2,519.3	µg/mL	+/- 87.0565
39	Tetrachloroethene	127-18-4.SEC F09W014	99%	2,521.3	µg/mL	+/- 87.1256
40	Dibromochloromethane	124-48-1.SEC 10234064	99%	2,517.5	µg/mL	+/- 86.9932
41	1,2-Dibromoethane (EDB)	106-93-4.SEC 050675P15E	99%	2,518.3	µg/mL	+/- 87.0220
42	Chlorobenzene	108-90-7.SEC 1161936	99%	2,515.8	µg/mL	+/- 86.9356
43	m-Xylene	108-38-3.SEC 7ZV6F	99%	1,255.3	µg/mL	+/- 43.3814
44	p-Xylene	106-42-3.SEC D6UOA	99%	1,260.3	µg/mL	+/- 43.5541
45	Ethylbenzene	100-41-4.SEC PI4SE	99%	2,517.7	µg/mL	+/- 86.9989
46	1,1,1,2-Tetrachloroethane	630-20-6.SEC 13789800	99%	2,517.5	µg/mL	+/- 86.9932
47	o-Xylene	95-47-6.SEC UJ6RI	99%	2,515.8	µg/mL	+/- 86.9356
48	Styrene	100-42-5.SEC QGQ7F	99%	2,521.3	µg/mL	+/- 87.1256
49	Isopropylbenzene (cumene)	98-82-8.SEC 7P24L	99%	2,515.0	µg/mL	+/- 86.9068
50	Bromoform	75-25-2.SEC 13723500	99%	2,522.5	µg/mL	+/- 87.1659
51	Bromodichloromethane	75-27-4.SEC 28128	99%	2,524.2	µg/mL	+/- 87.2235
52	1,1,2,2-Tetrachloroethane	79-34-5.SEC BCCD5088	99%	2,523.7	µg/mL	+/- 87.2063

53	1,2,3-Trichloropropane	96-18-4.SEC 6V2ED	99%	2,522.2	µg/mL	+/- 87.1544
54	trans-1,4-Dichloro-2-butene	110-57-6.SEC RD230316RSR	96%	2,517.0	µg/mL	+/- 86.9745
55	n-Propylbenzene	103-65-1.SEC XCGEC	99%	2,518.8	µg/mL	+/- 87.0392
56	Bromobenzene	108-86-1.SEC 2FUHG-EM	99%	2,518.3	µg/mL	+/- 87.0220
57	1,3,5-Trimethylbenzene	108-67-8.SEC GI2SM	99%	2,514.3	µg/mL	+/- 86.8837
58	2-Chlorotoluene	95-49-8.SEC BRHPM	99%	2,515.7	µg/mL	+/- 86.9298
59	4-Chlorotoluene	106-43-4.SEC S5SKD	99%	2,518.8	µg/mL	+/- 87.0392
60	tert-Butylbenzene	98-06-6.SEC D6OHC	99%	2,522.0	µg/mL	+/- 87.1487
61	1,2,4-Trimethylbenzene	95-63-6.SEC JHZDD	99%	2,517.3	µg/mL	+/- 86.9874
62	sec-Butylbenzene	135-98-8.SEC O4HRF	99%	2,522.0	µg/mL	+/- 87.1487
63	4-Isopropyltoluene (p-cymene)	99-87-6.SEC 13889300	98%	2,518.1	µg/mL	+/- 87.0142
64	1,3-Dichlorobenzene	541-73-1.SEC ZA2ZI	99%	2,515.0	µg/mL	+/- 86.9068
65	1,4-Dichlorobenzene	106-46-7.SEC J5GVD	99%	2,522.5	µg/mL	+/- 87.1659
66	n-Butylbenzene	104-51-8.SEC MMPGA	99%	2,523.7	µg/mL	+/- 87.2063
67	1,2-Dichlorobenzene	95-50-1.SEC R6QDM	99%	2,512.0	µg/mL	+/- 86.8031
68	1,2-Dibromo-3-chloropropane	96-12-8.SEC Q135-105	99%	2,517.7	µg/mL	+/- 86.9989
69	1,2,4-Trichlorobenzene	120-82-1.SEC IGLFA	99%	2,515.7	µg/mL	+/- 86.9298
70	Hexachlorobutadiene	87-68-3.SEC 13889400	97%	2,520.4	µg/mL	+/- 87.0928
71	Naphthalene	91-20-3.SEC AM5NG	99%	2,520.0	µg/mL	+/- 87.0795
72	1,2,3-Trichlorobenzene	87-61-6.SEC A0043055	99%	2,517.8	µg/mL	+/- 87.0047

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

Mega Mix_00043

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

MS 1/3/25 R 2576 #12275361

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

POLAR ADD_00031

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

1/3/25 MS R2578 #12275363

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0210249

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,019.2 µg/mL	+/- 409.1119
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,512.4 µg/mL	+/- 41.0946
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	2,519.0 µg/mL	+/- 41.2024
4	Propionitrile	107-12-0	BCCH7430	99%	25,234.4 µg/mL	+/- 412.6308
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,096.4 µg/mL	+/- 410.3743
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,517.2 µg/mL	+/- 41.1731

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Vinyl Acetate_00102

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2558

MS 10/15/24 #12100078

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0209567

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RP231030CTH	98%	5,034.8 µg/mL	+/- 173.9777

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

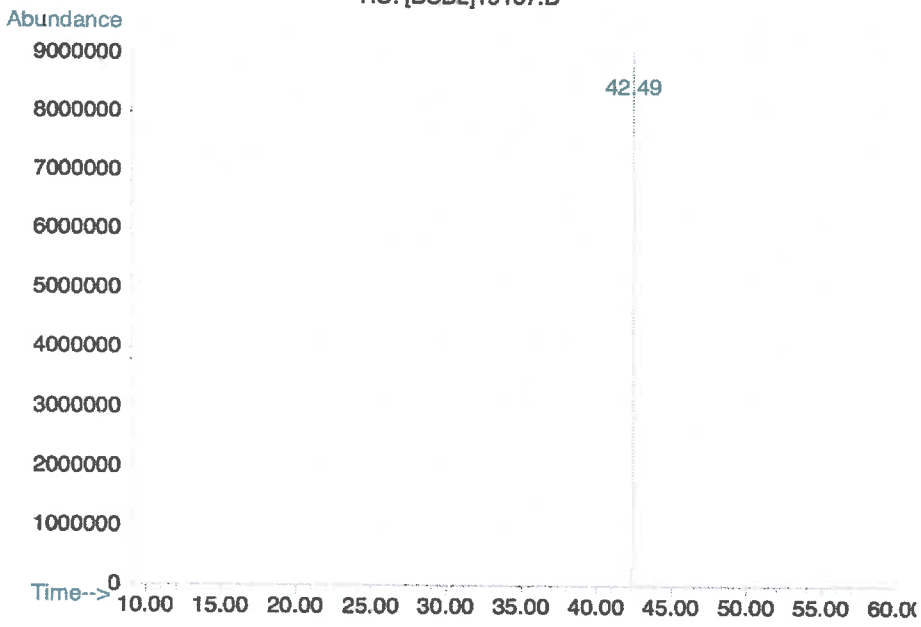
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	030822
Formulated By: Benson Chan	DATE
	030822
Reviewed By: Pedro L. Rentas	DATE

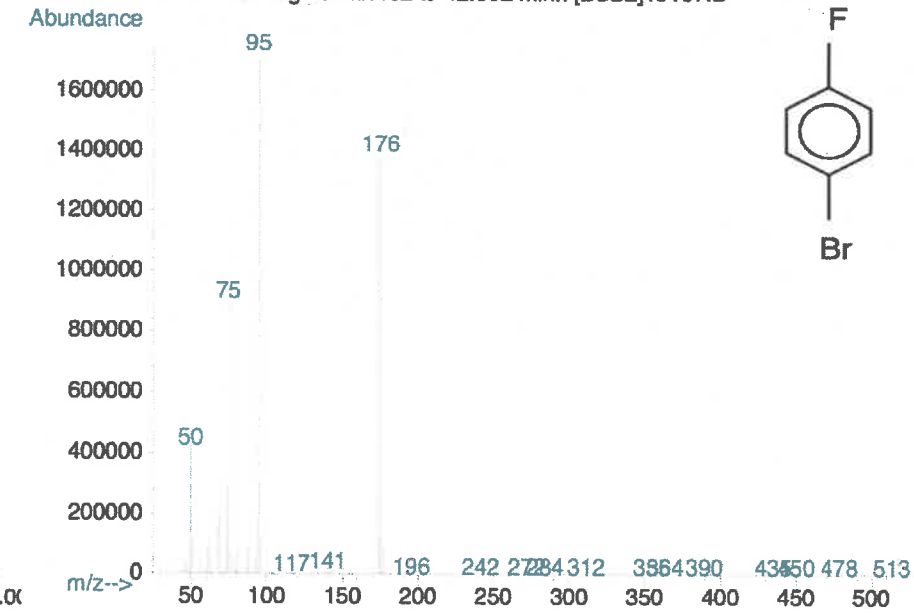
	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	ori-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.

TIC: [BSB2]19167.D



Average of 42.462 to 42.502 min.: [BSB2]19167.D



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-06_20250501	460-325502-1	84	82	107	83
MW-07_20250501	460-325502-2	84	82	105	83
MW-08_20250501	460-325502-3	83	81	105	84
Dup-01_20250501	460-325502-4	83	80	106	83
FB-01_20250501	460-325502-5	82	82	109	84
TB-01_20250501	460-325502-6	83	82	108	84
	MB 460-1036114/7	82	80	106	83
	LCS 460-1036114/3	82	83	108	85
	LCSD 460-1036114/4	83	88	108	85
MW-06_20250501 MS	460-325502-1 MS	85	82	107	84
MW-06_20250501 MSD	460-325502-1 MSD	84	81	108	85

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690542.D

Lab ID: LCS 460-1036114/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	16.3	81	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.8	114	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.3	81	65-142	
1,1,2-Trichloroethane	20.0	21.5	108	74-125	
1,1-Dichloroethane	20.0	18.5	92	73-130	
1,1-Dichloroethene	20.0	19.3	97	68-133	
1,2,3-Trichlorobenzene	20.0	17.4	87	55-150	
1,2,4-Trichlorobenzene	20.0	17.4	87	67-132	
1,2,4-Trimethylbenzene	20.0	21.7	108	75-125	
1,2-Dibromo-3-Chloropropane	20.0	17.9	89	58-132	
1,2-Dichlorobenzene	20.0	19.6	98	80-120	
1,2-Dichloroethane	20.0	15.0	75	66-129	
1,2-Dichloropropane	20.0	19.1	96	72-128	
1,3,5-Trimethylbenzene	20.0	21.6	108	75-125	
1,3-Dichlorobenzene	20.0	20.1	101	80-120	
1,4-Dichlorobenzene	20.0	19.6	98	80-120	
2-Butanone (MEK)	100	94.9	95	65-142	
2-Hexanone	100	103	103	72-134	
4-Methyl-2-pentanone (MIBK)	100	106	106	77-130	
Acetone	100	92.5	92	60-133	
Benzene	20.0	22.8	114	71-126	
Bromoform	20.0	14.6	73	58-128	
Bromomethane	20.0	12.2	61	33-150	
Carbon disulfide	20.0	18.2	91	35-150	
Carbon tetrachloride	20.0	16.0	80	65-131	
Chlorobenzene	20.0	20.0	100	80-120	
Chlorobromomethane	20.0	17.4	87	71-134	
Chlorodibromomethane	20.0	18.0	90	73-121	
Chloroethane	20.0	23.0	115	54-150	
Chloroform	20.0	17.6	88	78-125	
Chloromethane	20.0	22.5	113	43-149	
cis-1,2-Dichloroethene	20.0	19.2	96	78-121	
cis-1,3-Dichloropropene	20.0	20.3	102	74-125	
Cyclohexane	20.0	17.2	86	64-142	
Dichlorobromomethane	20.0	15.9	80	76-121	
Dichlorodifluoromethane	20.0	17.9	89	38-144	
Ethylbenzene	20.0	20.1	100	78-120	
Ethylene Dibromide	20.0	19.5	98	79-126	
Isopropylbenzene	20.0	20.1	100	79-125	
Methyl acetate	40.0	43.6	109	50-147	
Methyl tert-butyl ether	20.0	16.8	84	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690542.D

Lab ID: LCS 460-1036114/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	16.1	81	63-138	
Methylene Chloride	20.0	21.0	105	74-127	
m-Xylene & p-Xylene	20.0	19.7	99	78-120	
n-Butylbenzene	20.0	23.1	116	69-135	
N-Propylbenzene	20.0	23.8	119	68-129	
o-Xylene	20.0	20.1	100	78-120	
sec-Butylbenzene	20.0	22.7	113	77-129	
Styrene	20.0	20.8	104	82-127	
tert-Butylbenzene	20.0	21.1	106	78-120	
Tetrachloroethene	20.0	16.6	83	70-127	
Toluene	20.0	21.0	105	78-120	
trans-1,2-Dichloroethene	20.0	19.1	96	70-126	
trans-1,3-Dichloropropene	20.0	18.8	94	71-127	
Trichloroethene	20.0	17.7	89	73-121	
Trichlorofluoromethane	20.0	17.0	85	62-134	
Vinyl chloride	20.0	25.7	129	55-144	
Xylenes, Total	40.0	39.8	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690543.D

Lab ID: LCSD 460-1036114/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	16.5	82	1	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.3	112	2	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.1	85	5	30	65-142	
1,1,2-Trichloroethane	20.0	21.0	105	2	30	74-125	
1,1-Dichloroethane	20.0	18.5	93	0	30	73-130	
1,1-Dichloroethene	20.0	19.7	98	2	30	68-133	
1,2,3-Trichlorobenzene	20.0	17.4	87	0	30	55-150	
1,2,4-Trichlorobenzene	20.0	17.3	86	1	30	67-132	
1,2,4-Trimethylbenzene	20.0	21.4	107	1	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	18.3	92	3	30	58-132	
1,2-Dichlorobenzene	20.0	19.4	97	1	30	80-120	
1,2-Dichloroethane	20.0	15.8	79	6	30	66-129	
1,2-Dichloropropane	20.0	18.8	94	2	30	72-128	
1,3,5-Trimethylbenzene	20.0	21.4	107	1	30	75-125	
1,3-Dichlorobenzene	20.0	19.7	99	2	30	80-120	
1,4-Dichlorobenzene	20.0	19.5	97	1	30	80-120	
2-Butanone (MEK)	100	94.5	94	0	30	65-142	
2-Hexanone	100	103	103	0	30	72-134	
4-Methyl-2-pentanone (MIBK)	100	106	106	0	30	77-130	
Acetone	100	97.8	98	6	30	60-133	
Benzene	20.0	22.3	112	2	30	71-126	
Bromoform	20.0	15.4	77	5	30	58-128	
Bromomethane	20.0	14.6	73	17	30	33-150	
Carbon disulfide	20.0	18.7	94	3	30	35-150	
Carbon tetrachloride	20.0	16.3	82	2	30	65-131	
Chlorobenzene	20.0	19.9	99	1	30	80-120	
Chlorobromomethane	20.0	17.3	87	0	30	71-134	
Chlorodibromomethane	20.0	18.8	94	4	30	73-121	
Chloroethane	20.0	23.8	119	4	30	54-150	
Chloroform	20.0	17.5	88	1	30	78-125	
Chloromethane	20.0	23.8	119	6	30	43-149	
cis-1,2-Dichloroethene	20.0	18.8	94	3	30	78-121	
cis-1,3-Dichloropropene	20.0	20.5	103	1	30	74-125	
Cyclohexane	20.0	16.8	84	2	30	64-142	
Dichlorobromomethane	20.0	16.0	80	0	30	76-121	
Dichlorodifluoromethane	20.0	19.2	96	7	30	38-144	
Ethylbenzene	20.0	20.0	100	0	30	78-120	
Ethylene Dibromide	20.0	19.9	99	2	30	79-126	
Isopropylbenzene	20.0	19.9	99	1	30	79-125	
Methyl acetate	40.0	45.4	114	4	30	50-147	
Methyl tert-butyl ether	20.0	17.7	89	5	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690543.D

Lab ID: LCSD 460-1036114/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	16.1	80	0	30	63-138	
Methylene Chloride	20.0	21.3	107	2	30	74-127	
m-Xylene & p-Xylene	20.0	19.8	99	0	30	78-120	
n-Butylbenzene	20.0	22.5	113	3	30	69-135	
N-Propylbenzene	20.0	23.5	117	1	30	68-129	
o-Xylene	20.0	20.3	102	1	30	78-120	
sec-Butylbenzene	20.0	21.9	109	4	30	77-129	
Styrene	20.0	20.7	104	0	30	82-127	
tert-Butylbenzene	20.0	20.7	104	2	30	78-120	
Tetrachloroethene	20.0	16.5	83	0	30	70-127	
Toluene	20.0	20.9	105	0	30	78-120	
trans-1,2-Dichloroethene	20.0	19.4	97	1	30	70-126	
trans-1,3-Dichloropropene	20.0	19.4	97	3	30	71-127	
Trichloroethene	20.0	17.5	88	1	30	73-121	
Trichlorofluoromethane	20.0	18.2	91	7	30	62-134	
Vinyl chloride	20.0	26.9	134	4	30	55-144	
Xylenes, Total	40.0	40.1	100	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690566.D

Lab ID: 460-325502-1 MS Client ID: MW-06_20250501 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	15.7	78	72-128	
1,1,2,2-Tetrachloroethane	20.0	0.20 U	23.4	117	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	17.8	89	65-142	
1,1,2-Trichloroethane	20.0	0.58 U	21.5	107	74-125	
1,1-Dichloroethane	20.0	1.0 U	18.6	93	73-130	
1,1-Dichloroethene	20.0	1.0 U	18.4	92	68-133	
1,2,3-Trichlorobenzene	20.0	1.0 U	15.0	75	55-150	
1,2,4-Trichlorobenzene	20.0	1.0 U	14.9	74	67-132	
1,2,4-Trimethylbenzene	20.0	1.0 U	18.3	91	75-125	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	16.5	82	58-132	
1,2-Dichlorobenzene	20.0	1.0 U	19.4	97	80-120	
1,2-Dichloroethane	20.0	0.30 U	14.3	71	66-129	
1,2-Dichloropropane	20.0	0.92 U	19.7	99	72-128	
1,3,5-Trimethylbenzene	20.0	1.0 U	19.1	95	75-125	
1,3-Dichlorobenzene	20.0	1.0 U	19.2	96	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	18.7	93	80-120	
2-Butanone (MEK)	100	5.0 U	86.9	87	65-142	
2-Hexanone	100	5.0 U	98.8	99	72-134	
4-Methyl-2-pentanone (MIBK)	100	5.0 U	104	104	77-130	
Acetone	100	5.0 U	81.4	81	60-133	
Benzene	20.0	0.45 U	22.2	111	71-126	
Bromoform	20.0	1.0 U	13.8	69	58-128	
Bromomethane	20.0	1.0 U	7.03	35	33-150	
Carbon disulfide	20.0	1.0 U	17.0	85	35-150	
Carbon tetrachloride	20.0	1.0 U	15.2	76	65-131	
Chlorobenzene	20.0	1.0 U	19.4	97	80-120	
Chlorobromomethane	20.0	1.0 U	16.9	85	71-134	
Chlorodibromomethane	20.0	0.78 U	17.3	86	73-121	
Chloroethane	20.0	1.0 U	21.8	109	54-150	
Chloroform	20.0	0.66 J	18.2	87	78-125	
Chloromethane	20.0	1.0 U	20.9	104	43-149	
cis-1,2-Dichloroethene	20.0	1.0 U	19.3	96	78-121	
cis-1,3-Dichloropropene	20.0	0.45 U	18.4	92	74-125	
Cyclohexane	20.0	1.0 U	18.4	92	64-142	
Dichlorobromomethane	20.0	0.98 U	15.3	76	76-121	
Dichlorodifluoromethane	20.0	1.0 U	19.0	95	38-144	
Ethylbenzene	20.0	1.0 U	19.1	96	78-120	
Ethylene Dibromide	20.0	1.0 U	19.1	95	79-126	
Isopropylbenzene	20.0	1.0 U	19.4	97	79-125	
Methyl acetate	40.0	5.0 U	36.8	92	50-147	
Methyl tert-butyl ether	20.0	1.0 U	15.1	76	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690566.D

Lab ID: 460-325502-1 MS Client ID: MW-06_20250501 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	1.0 U	17.8	89	63-138	
Methylene Chloride	20.0	1.0 U	20.0	100	74-127	
m-Xylene & p-Xylene	20.0	1.0 U	18.5	93	78-120	
n-Butylbenzene	20.0	1.0 U	21.3	107	69-135	
N-Propylbenzene	20.0	1.0 U	22.8	114	68-129	
o-Xylene	20.0	1.0 U	19.1	95	78-120	
sec-Butylbenzene	20.0	1.0 U	21.5	108	77-129	
Styrene	20.0	1.0 U	16.1	80	82-127	*
tert-Butylbenzene	20.0	1.0 U	20.1	101	78-120	
Tetrachloroethene	20.0	42	49.5	39	70-127	*
Toluene	20.0	1.0 U	20.5	102	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	18.6	93	70-126	
trans-1,3-Dichloropropene	20.0	0.45 U	16.2	81	71-127	
Trichloroethene	20.0	0.38	17.4	85	73-121	
Trichlorofluoromethane	20.0	1.0 U	16.9	84	62-134	
Vinyl chloride	20.0	1.0 U	25.3	126	55-144	
Xylenes, Total	40.0	2.0 U	37.6	94	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690567.D

Lab ID: 460-325502-1 MSD Client ID: MW-06_20250501 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	16.8	84	7	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	24.8	124	6	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.9	94	6	30	65-142	
1,1,2-Trichloroethane	20.0	22.6	113	5	30	74-125	
1,1-Dichloroethane	20.0	19.6	98	5	30	73-130	
1,1-Dichloroethene	20.0	19.6	98	6	30	68-133	
1,2,3-Trichlorobenzene	20.0	16.8	84	11	30	55-150	
1,2,4-Trichlorobenzene	20.0	16.7	83	12	30	67-132	
1,2,4-Trimethylbenzene	20.0	20.0	100	9	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	17.3	87	5	30	58-132	
1,2-Dichlorobenzene	20.0	20.5	102	5	30	80-120	
1,2-Dichloroethane	20.0	15.2	76	6	30	66-129	
1,2-Dichloropropane	20.0	20.8	104	5	30	72-128	
1,3,5-Trimethylbenzene	20.0	20.5	103	7	30	75-125	
1,3-Dichlorobenzene	20.0	20.4	102	6	30	80-120	
1,4-Dichlorobenzene	20.0	20.1	101	8	30	80-120	
2-Butanone (MEK)	100	91.6	92	5	30	65-142	
2-Hexanone	100	106	106	7	30	72-134	
4-Methyl-2-pentanone (MIBK)	100	110	110	6	30	77-130	
Acetone	100	87.1	87	7	30	60-133	
Benzene	20.0	24.1	120	8	30	71-126	
Bromoform	20.0	15.1	75	9	30	58-128	
Bromomethane	20.0	12.2	61	54	30	33-150	*
Carbon disulfide	20.0	18.2	91	7	30	35-150	
Carbon tetrachloride	20.0	16.6	83	9	30	65-131	
Chlorobenzene	20.0	21.1	105	8	30	80-120	
Chlorobromomethane	20.0	18.1	91	7	30	71-134	
Chlorodibromomethane	20.0	18.5	93	7	30	73-121	
Chloroethane	20.0	22.7	113	4	30	54-150	
Chloroform	20.0	19.0	91	4	30	78-125	
Chloromethane	20.0	22.3	112	7	30	43-149	
cis-1,2-Dichloroethene	20.0	20.0	100	4	30	78-121	
cis-1,3-Dichloropropene	20.0	20.3	102	10	30	74-125	
Cyclohexane	20.0	19.7	98	7	30	64-142	
Dichlorobromomethane	20.0	16.2	81	6	30	76-121	
Dichlorodifluoromethane	20.0	20.1	101	6	30	38-144	
Ethylbenzene	20.0	20.8	104	8	30	78-120	
Ethylene Dibromide	20.0	20.6	103	8	30	79-126	
Isopropylbenzene	20.0	21.3	106	9	30	79-125	
Methyl acetate	40.0	38.3	96	4	30	50-147	
Methyl tert-butyl ether	20.0	16.1	81	7	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T690567.D

Lab ID: 460-325502-1 MSD Client ID: MW-06_20250501 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	18.9	94	6	30	63-138	
Methylene Chloride	20.0	21.4	107	7	30	74-127	
m-Xylene & p-Xylene	20.0	20.2	101	9	30	78-120	
n-Butylbenzene	20.0	23.0	115	8	30	69-135	
N-Propylbenzene	20.0	24.5	123	7	30	68-129	
o-Xylene	20.0	20.8	104	9	30	78-120	
sec-Butylbenzene	20.0	23.1	115	7	30	77-129	
Styrene	20.0	17.9	90	11	30	82-127	
tert-Butylbenzene	20.0	21.7	108	7	30	78-120	
Tetrachloroethene	20.0	52.3	53	5	30	70-127	*
Toluene	20.0	22.1	110	8	30	78-120	
trans-1,2-Dichloroethene	20.0	19.2	96	4	30	70-126	
trans-1,3-Dichloropropene	20.0	18.4	92	12	30	71-127	
Trichloroethene	20.0	18.4	90	6	30	73-121	
Trichlorofluoromethane	20.0	17.8	89	5	30	62-134	
Vinyl chloride	20.0	26.7	133	5	30	55-144	
Xylenes, Total	40.0	41.0	103	9	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab File ID: T690546.D Lab Sample ID: MB 460-1036114/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS15 Date Analyzed: 05/07/2025 20:09

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1036114/3	T690542.D	05/07/2025 18:37
	LCSD 460-1036114/4	T690543.D	05/07/2025 19:00
FB-01_20250501	460-325502-5	T690553.D	05/07/2025 22:49
TB-01_20250501	460-325502-6	T690554.D	05/07/2025 23:12
MW-06_20250501	460-325502-1	T690555.D	05/07/2025 23:35
MW-07_20250501	460-325502-2	T690556.D	05/07/2025 23:58
MW-08_20250501	460-325502-3	T690557.D	05/08/2025 00:20
Dup-01_20250501	460-325502-4	T690558.D	05/08/2025 00:43
MW-06_20250501 MS	460-325502-1 MS	T690566.D	05/08/2025 03:47
MW-06_20250501 MSD	460-325502-1 MSD	T690567.D	05/08/2025 04:09

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab File ID: T689600.D BFB Injection Date: 04/19/2025

Instrument ID: CVOAMS15 BFB Injection Time: 03:45

Analysis Batch No.: 1032501

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (114.2) 1
96	5 - 9% of m/z 95	7.1
173	Less than 2% of m/z 174	0.9 (1.0) 1
174	50 - 200% of m/z 95	87.6
175	5 - 9% of m/z 174	6.3 (7.2) 1
176	95 -105% of m/z 174	88.1 (100.5) 1
177	5 - 10% of m/z 176	5.3 (6.1) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD9 460-1032501/3	T689602.D	04/19/2025	4:43
	STD8 460-1032501/4	T689603.D	04/19/2025	5:06
	STD05 460-1032501/5	T689604.D	04/19/2025	5:29
	STD5 460-1032501/7	T689606.D	04/19/2025	6:14
	STD20 460-1032501/8	T689607.D	04/19/2025	6:37
	STD50 460-1032501/9	T689608.D	04/19/2025	7:00
	STD200 460-1032501/10	T689609.D	04/19/2025	7:23
	STD500 460-1032501/11	T689610.D	04/19/2025	7:46
	STD1 460-1032501/18	T689617.D	04/19/2025	10:26
	ICV 460-1032501/22	T689621.D	04/19/2025	13:06

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Sample No.: STD20 460-1032501/8 Date Analyzed: 04/19/2025 06:37

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T689607.D Heated Purge: (Y/N) N

Calibration ID: 100632

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		46564	3.62	87332	4.90	531405	6.24
UPPER LIMIT		93128	4.12	174664	5.40	1062810	6.74
LOWER LIMIT		23282	3.12	43666	4.40	265703	5.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1032501/22		48761	3.62	207635*	4.90	551033	6.24

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits
*=ISTD response or retention time outside acceptable limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Sample No.: STD20 460-1032501/8 Date Analyzed: 04/19/2025 06:37

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T689607.D Heated Purge: (Y/N) N

Calibration ID: 100632

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		34115	7.05	427094	10.41	248371	13.41
UPPER LIMIT		68230	7.55	854188	10.91	496742	13.91
LOWER LIMIT		17058	6.55	213547	9.91	124186	12.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1032501/22		35274	7.05	441075	10.42	256845	13.41

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Sample No.: CCVIS 460-1036114/2 Date Analyzed: 05/07/2025 18:14

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T690541.D Heated Purge: (Y/N) N

Calibration ID: 100632

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		27439	3.68	201345	4.96	400409	6.30
UPPER LIMIT		54878	4.18	402690	5.46	800818	6.80
LOWER LIMIT		13720	3.18	100673	4.46	200205	5.80
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1036114/3		27095	3.68	213796	4.96	420242	6.30
LCSD 460-1036114/4		27127	3.67	197169	4.96	387491	6.30
MB 460-1036114/7		25398	3.68	218672	4.96	423547	6.30
460-325502-5	FB-01_20250501	19144	3.67	159696	4.96	361347	6.30
460-325502-6	TB-01_20250501	21149	3.68	187313	4.96	379599	6.30
460-325502-1	MW-06_20250501	18918	3.68	134399	4.96	354478	6.30
460-325502-2	MW-07_20250501	19961	3.68	138468	4.96	380923	6.30
460-325502-3	MW-08_20250501	20504	3.68	151957	4.96	384120	6.30
460-325502-4	Dup-01_20250501	20373	3.68	162974	4.96	383617	6.30
460-325502-1 MS	MW-06_20250501 MS	22041	3.68	140303	4.96	395018	6.30
460-325502-1 MSD	MW-06_20250501 MSD	23856	3.68	158168	4.96	413799	6.30

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Sample No.: CCVIS 460-1036114/2 Date Analyzed: 05/07/2025 18:14

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T690541.D Heated Purge: (Y/N) N

Calibration ID: 100632

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		24170	7.12	284183	10.49	145019	13.46
UPPER LIMIT		48340	7.62	568366	10.99	290038	13.96
LOWER LIMIT		12085	6.62	142092	9.99	72510	12.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1036114/3		25080	7.13	296173	10.49	152602	13.46
LCSD 460-1036114/4		22741	7.12	270085	10.49	141651	13.46
MB 460-1036114/7		23036	7.13	293452	10.49	153799	13.46
460-325502-5	FB-01_20250501	17710	7.13	242779	10.49	127518	13.46
460-325502-6	TB-01_20250501	19653	7.12	258340	10.49	132423	13.46
460-325502-1	MW-06_20250501	18124	7.12	241380	10.49	126474	13.46
460-325502-2	MW-07_20250501	20499	7.12	270980	10.49	143387	13.46
460-325502-3	MW-08_20250501	19947	7.12	269293	10.49	141038	13.46
460-325502-4	Dup-01_20250501	19189	7.12	267930	10.49	137558	13.46
460-325502-1 MS	MW-06_20250501 MS	22331	7.12	285153	10.49	148664	13.46
460-325502-1 MSD	MW-06_20250501 MSD	21409	7.12	290898	10.49	154589	13.46

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 | Lab Sample ID: 460-325502-1

Matrix: Water | Lab File ID: T690555.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.66	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 | Lab Sample ID: 460-325502-1

Matrix: Water | Lab File ID: T690555.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	42		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.38		0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 | Lab Sample ID: 460-325502-1

Matrix: Water | Lab File ID: T690555.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		70-128
460-00-4	4-Bromofluorobenzene	83		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D
Lims ID: 460-325502-A-1
Client ID: MW-06_20250501
Sample Type: Client
Inject. Date: 07-May-2025 23:35:08 ALS Bottle#: 44 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-1
Misc. Info.: 460-0190476-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:34:01 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 07:10:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.677	3.677	0.000	91	18918	1000.0	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	43	134399	250.0	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	20	642	0.2347	M
52 Chloroform	83	5.350	5.350	0.000	67	3294	0.6581	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	95	86008	42.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	98	108045	41.2	
* 65 Fluorobenzene	96	6.299	6.299	0.000	98	354478	50.0	
67 Trichloroethene	95	6.729	6.734	-0.005	49	1089	0.3761	M
* 73 1,4-Dioxane-d8	96	7.122	7.122	0.000	1	18124	1000.0	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	98	315288	53.6	
88 Tetrachloroethene	166	9.177	9.172	0.005	94	115876	41.6	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	86	241380	50.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	86	88645	41.7	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	97	126474	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00080 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 08-May-2025 11:34:01 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D

Injection Date: 07-May-2025 23:35:08 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-1 Lab Sample ID: 460-325502-1

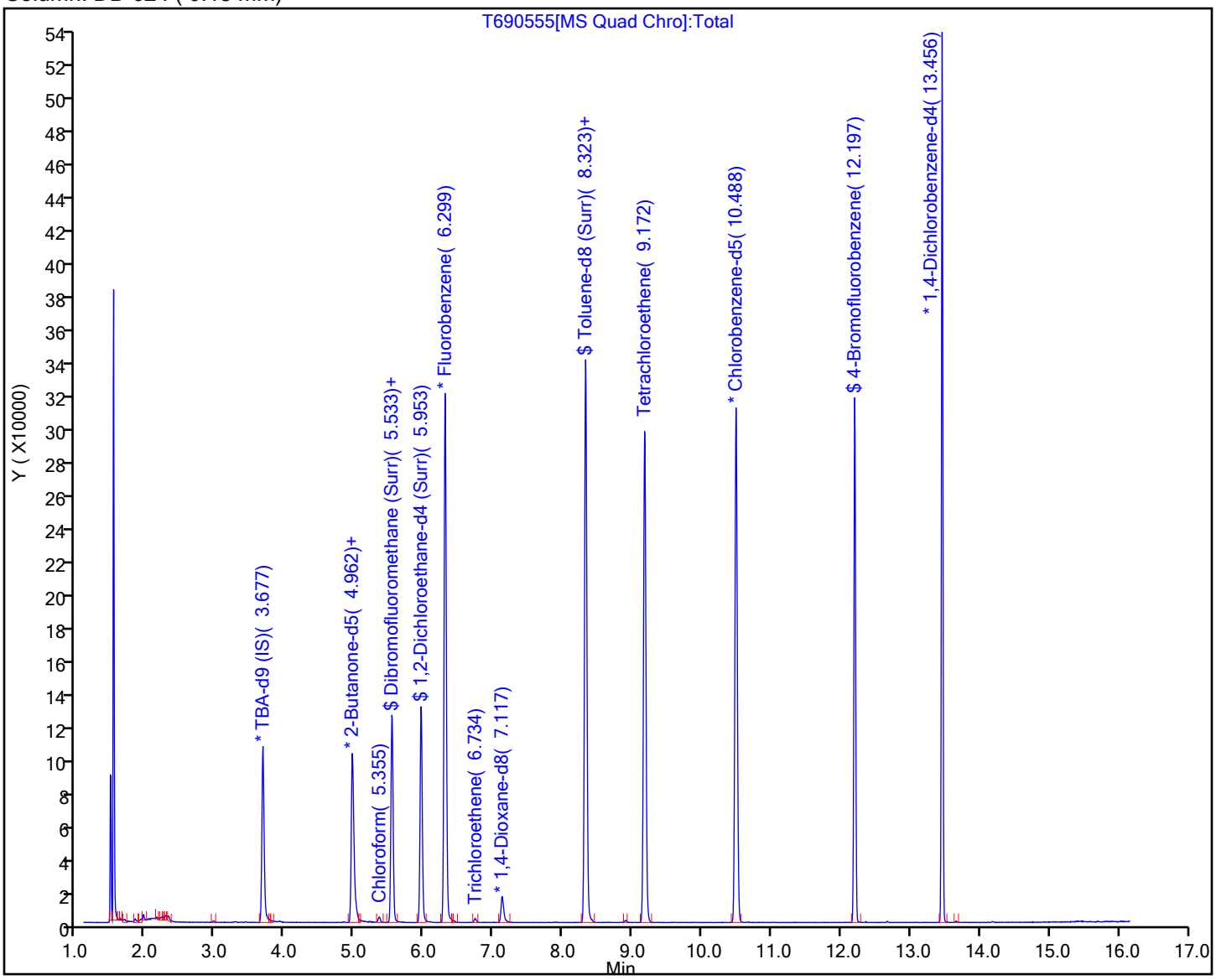
Client ID: MW-06_20250501

Operator ID: ALS Bottle#: 44 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 08-May-2025 11:34:01 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D
Lims ID: 460-325502-A-1
Client ID: MW-06_20250501
Sample Type: Client
Inject. Date: 07-May-2025 23:35:08 ALS Bottle#: 44 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-1
Misc. Info.: 460-0190476-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:34:01 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 07:10:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	42.0	84.00
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	41.2	82.36
$ 83 Toluene-d8 (Surr)	50.0	53.6	107.11
$ 105 4-Bromofluorobenzene	50.0	41.7	83.36

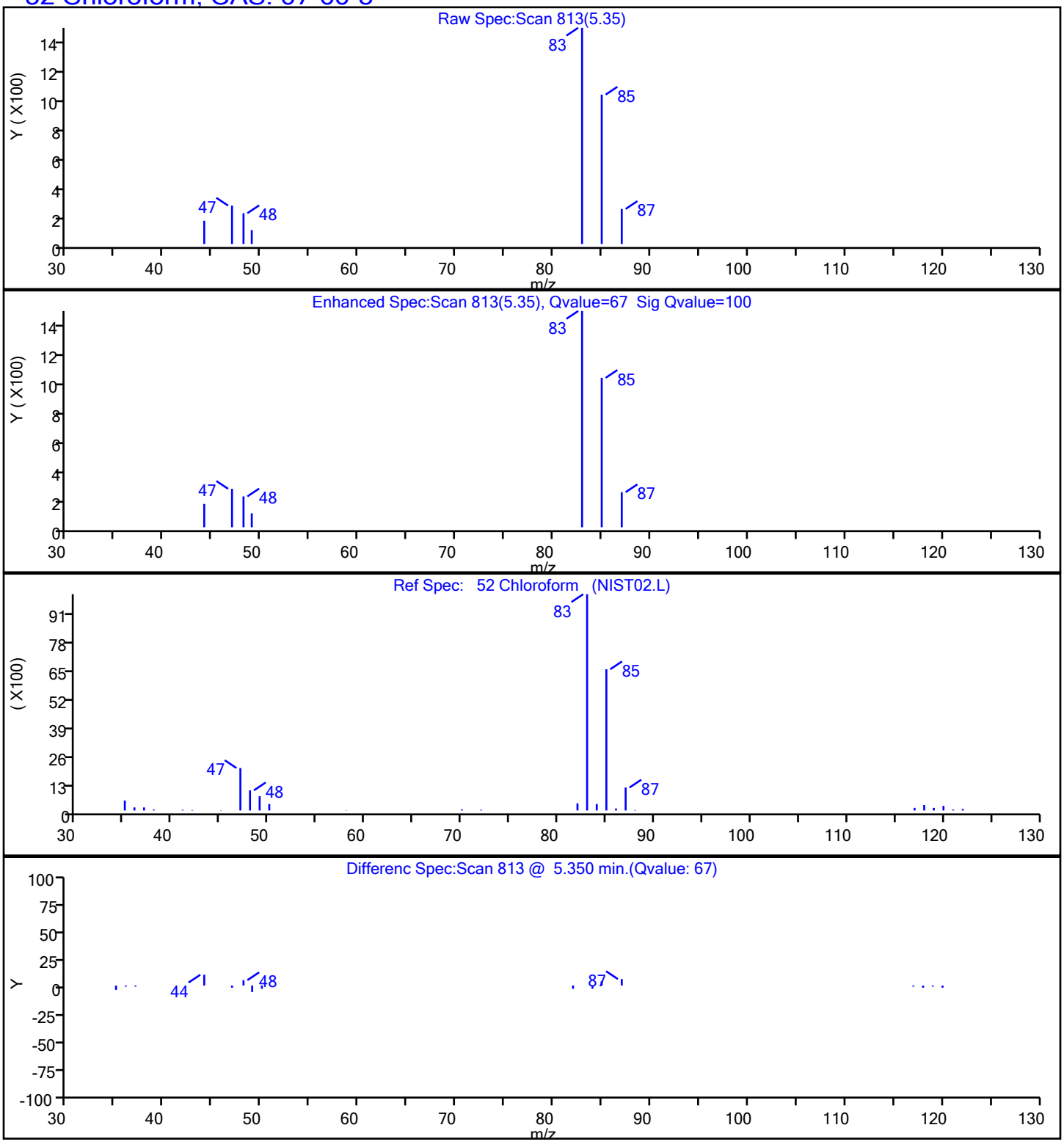
Report Date: 08-May-2025 11:34:02 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D

Injection Date:	07-May-2025 23:35:08	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1	Lab Sample ID:	460-325502-1		
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

52 Chloroform, CAS: 67-66-3



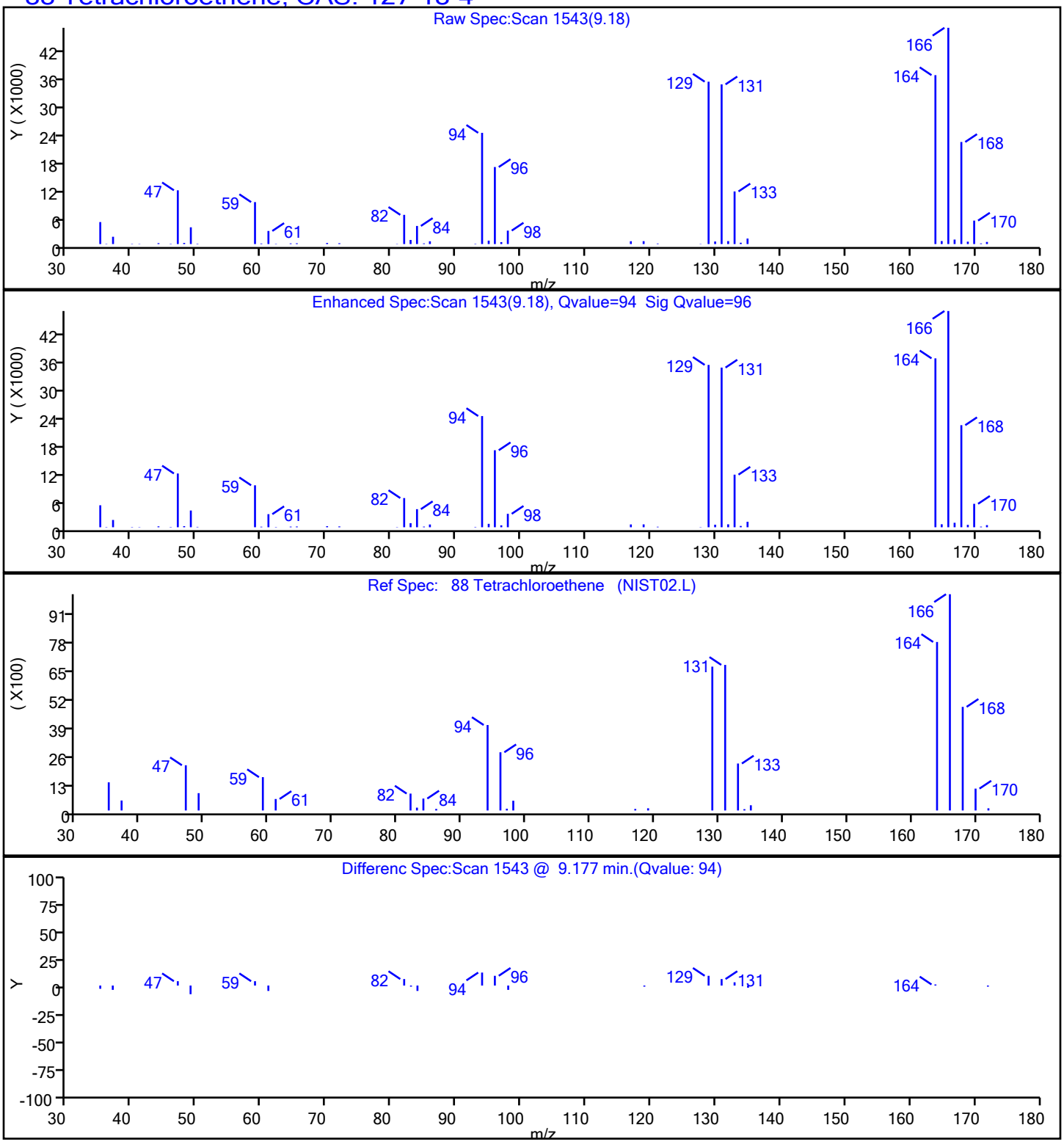
Report Date: 08-May-2025 11:34:02 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D

Injection Date:	07-May-2025 23:35:08	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1	Lab Sample ID:	460-325502-1		
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



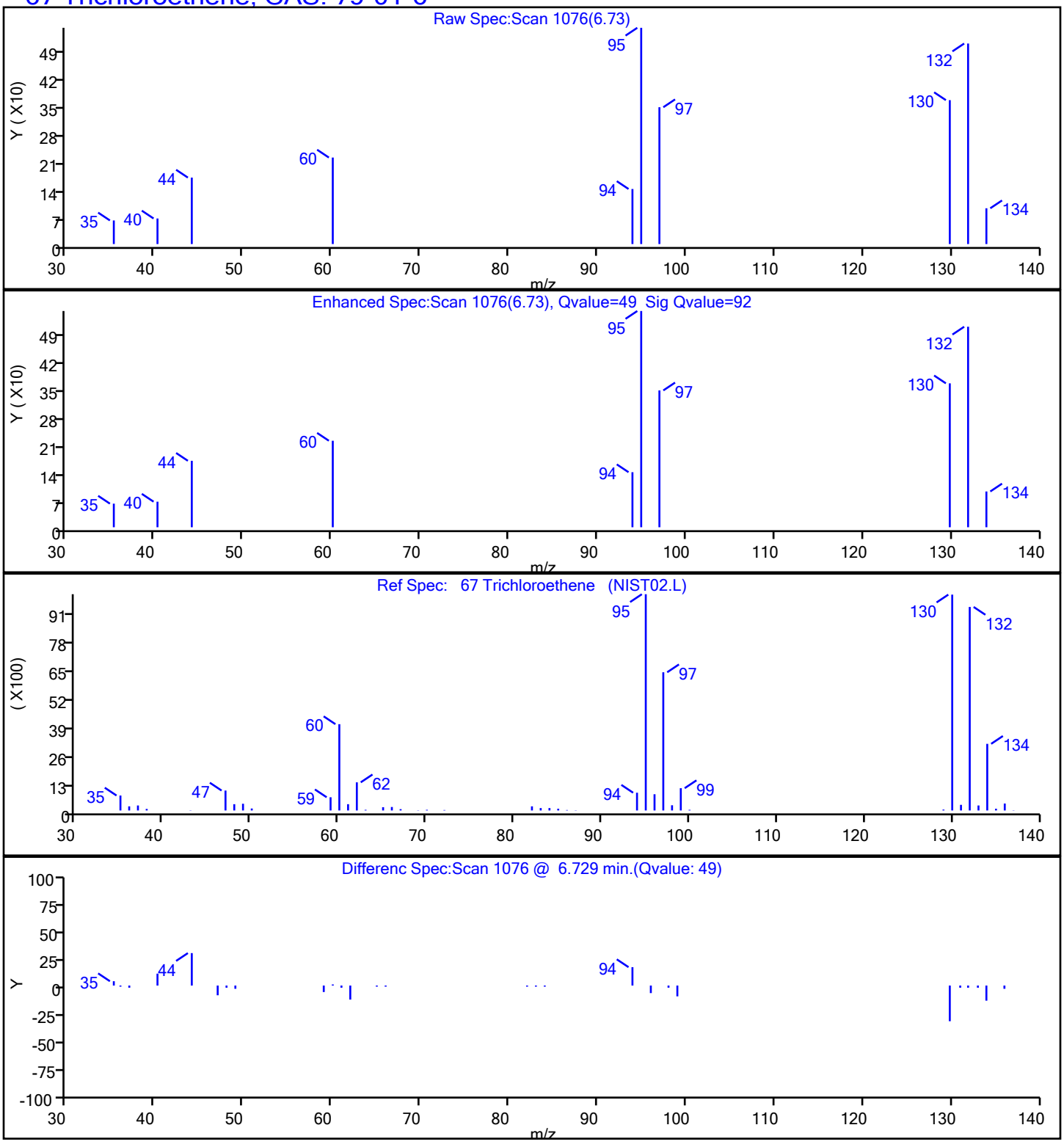
Report Date: 08-May-2025 11:34:02 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D

Injection Date:	07-May-2025 23:35:08	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1	Lab Sample ID:	460-325502-1		
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6



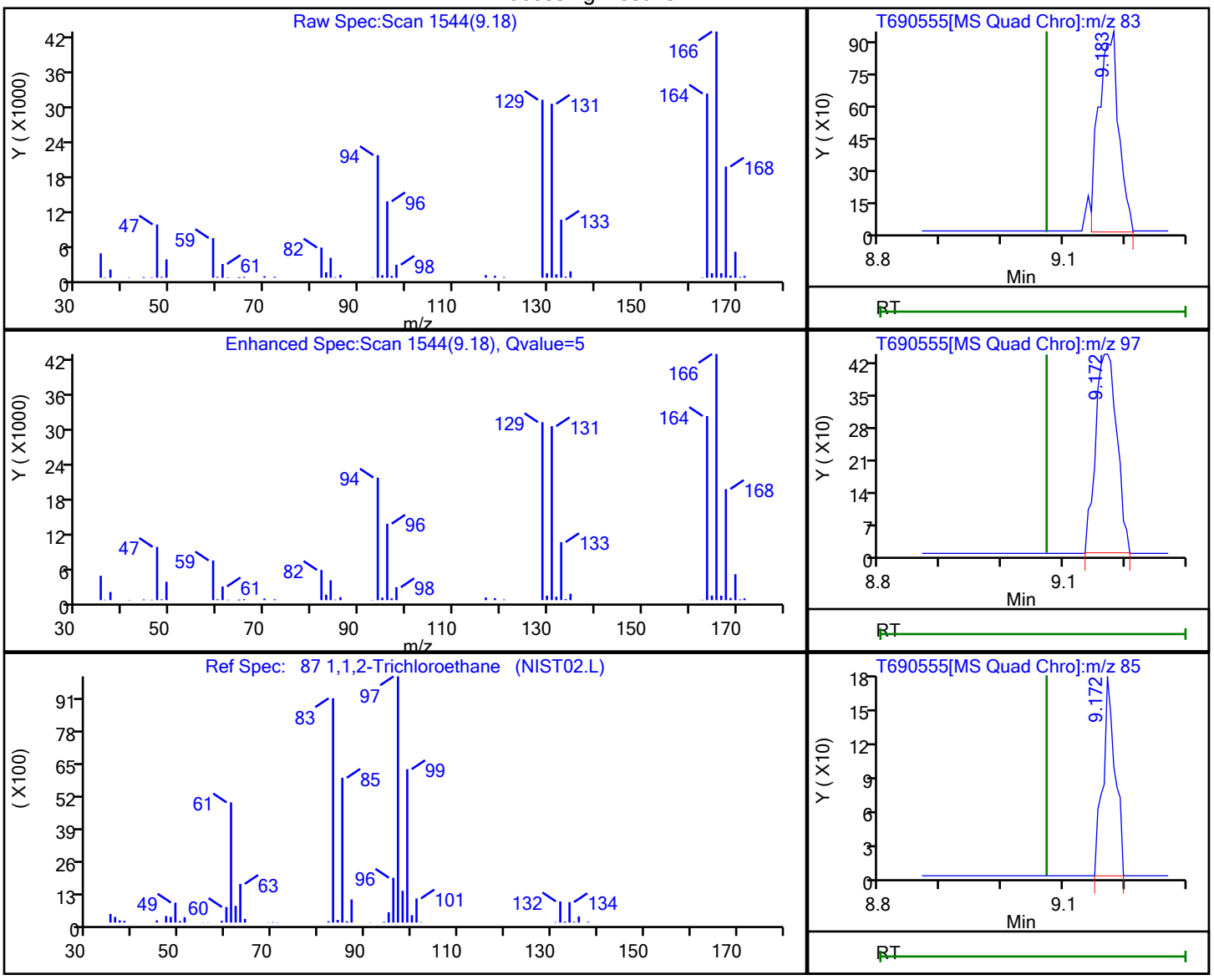
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D				
Injection Date:	07-May-2025 23:35:08	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1	Lab Sample ID:	460-325502-1		
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
9.18	83.00	2130	1.427486
9.17	97.00	1046	
9.17	85.00	241	

Reviewer: FK2C, 08-May-2025 07:10:10 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

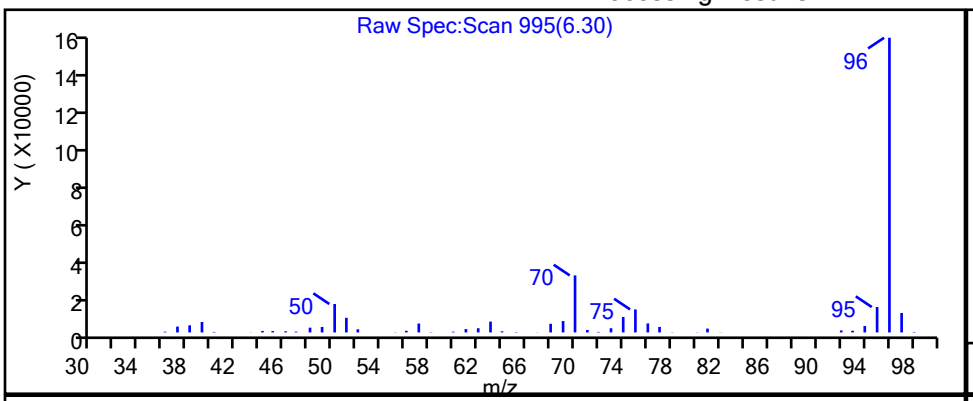
User Disabled Compound Report

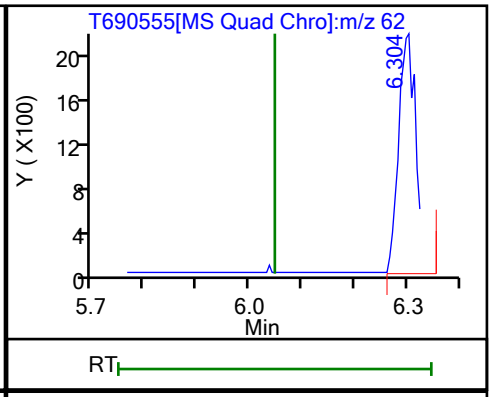
Eurofins Edison

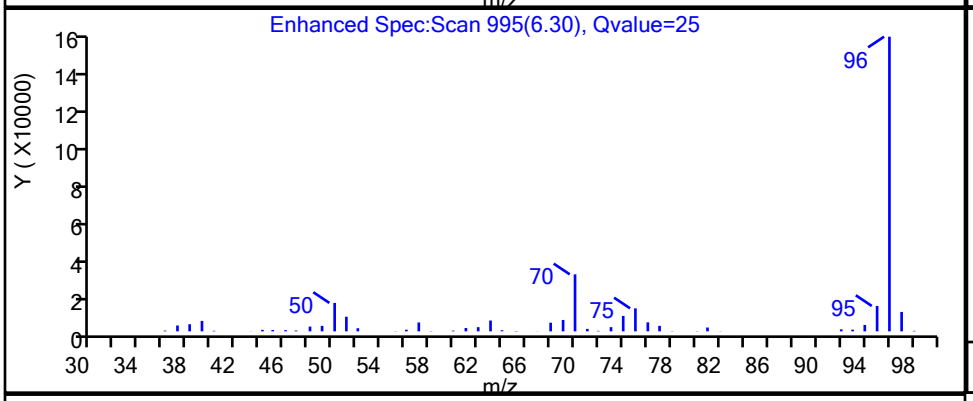
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D				
Injection Date:	07-May-2025 23:35:08	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1	Lab Sample ID:	460-325502-1		
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

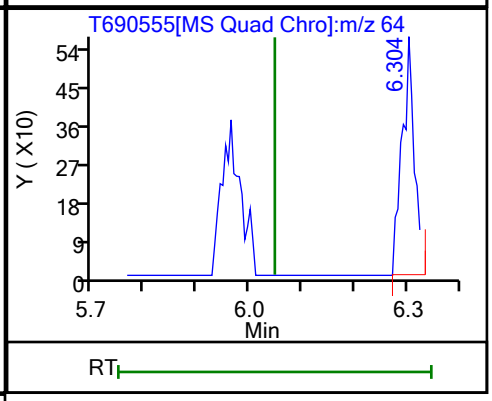
61 1,2-Dichloroethane, CAS: 107-06-2

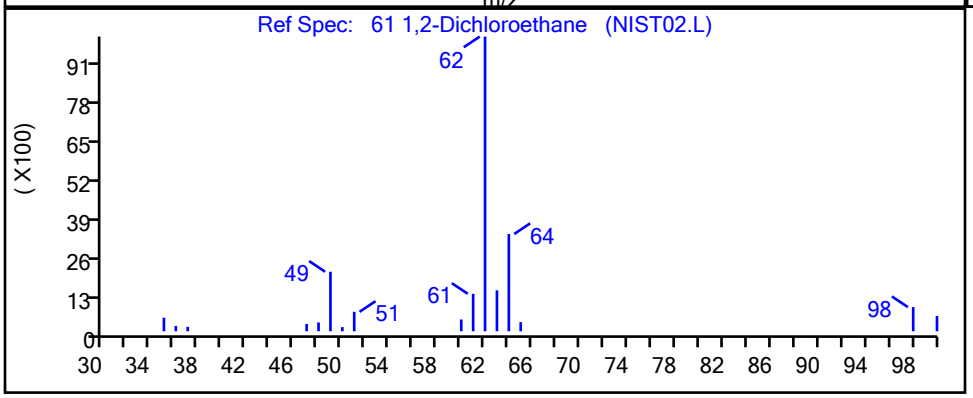
Processing Results











RT	Mass	Response	Amount
6.30	62.00	4858	1.140289
6.30	64.00	906	

Reviewer: FK2C, 08-May-2025 07:10:06 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

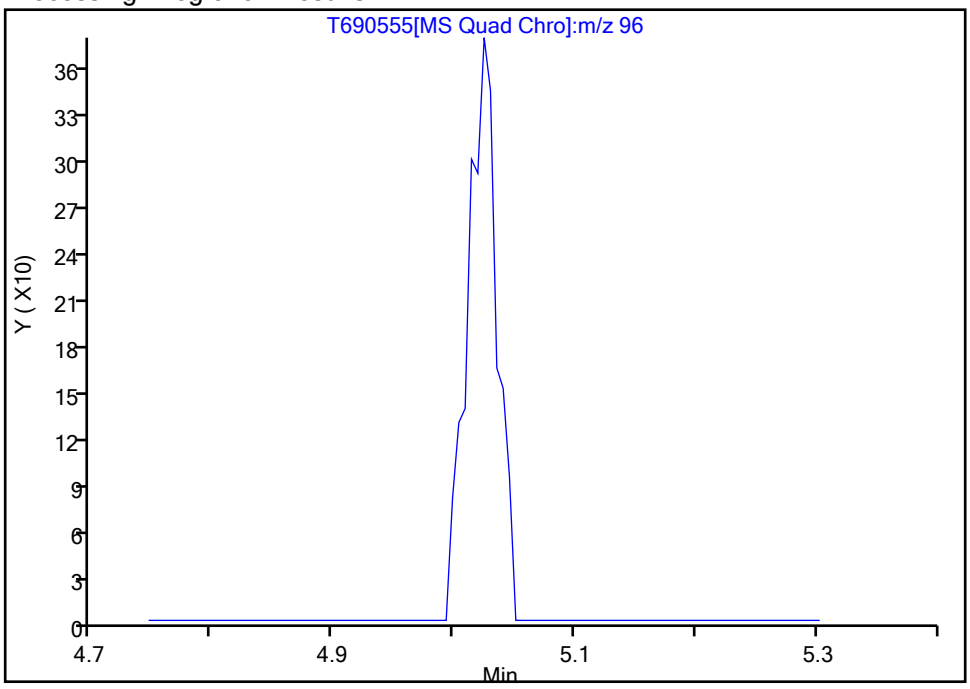
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D				
Injection Date:	07-May-2025 23:35:08	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1	Lab Sample ID:	460-325502-1		
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

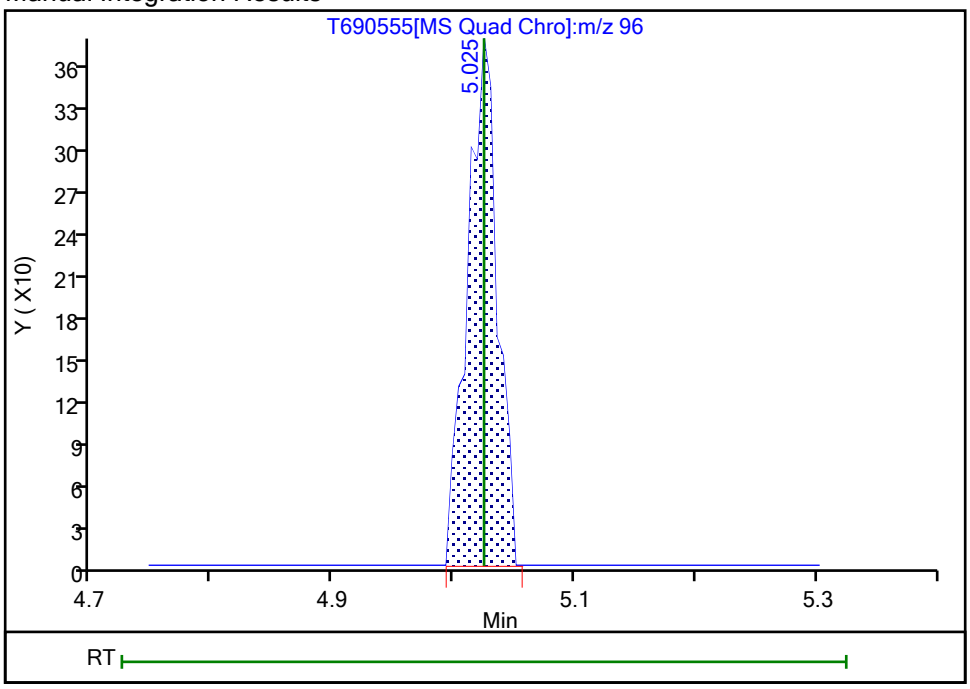
Not Detected
Expected RT: 5.02

Processing Integration Results



Manual Integration Results

RT: 5.02
Area: 642
Amount: 0.234689
Amount Units: ug/l



Reviewer: XE5L, 08-May-2025 11:33:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

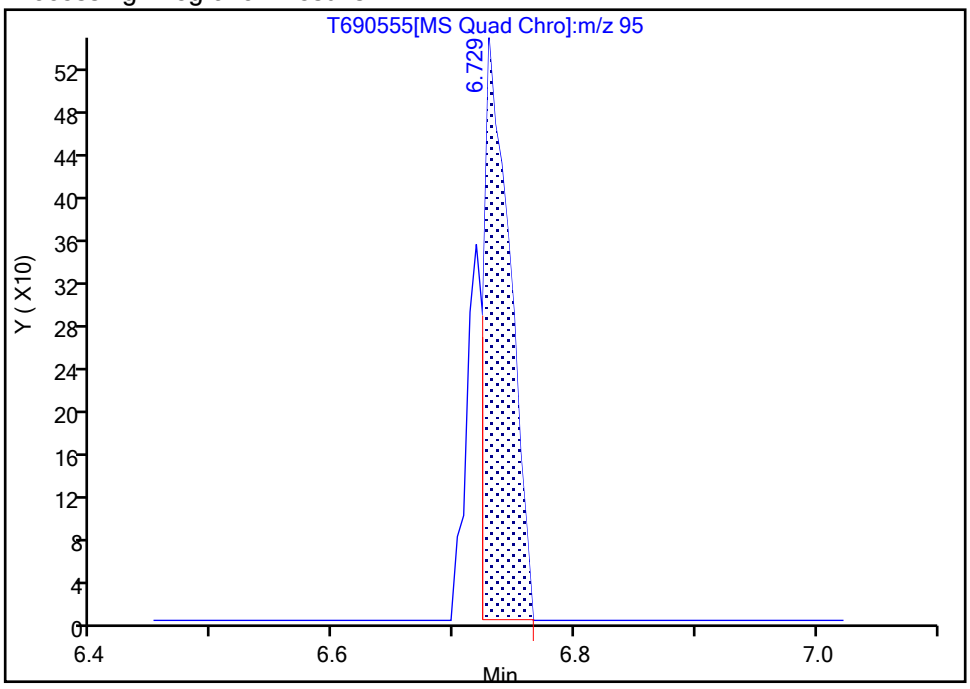
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690555.D				
Injection Date:	07-May-2025 23:35:08	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1	Lab Sample ID:	460-325502-1		
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6

Signal: 1

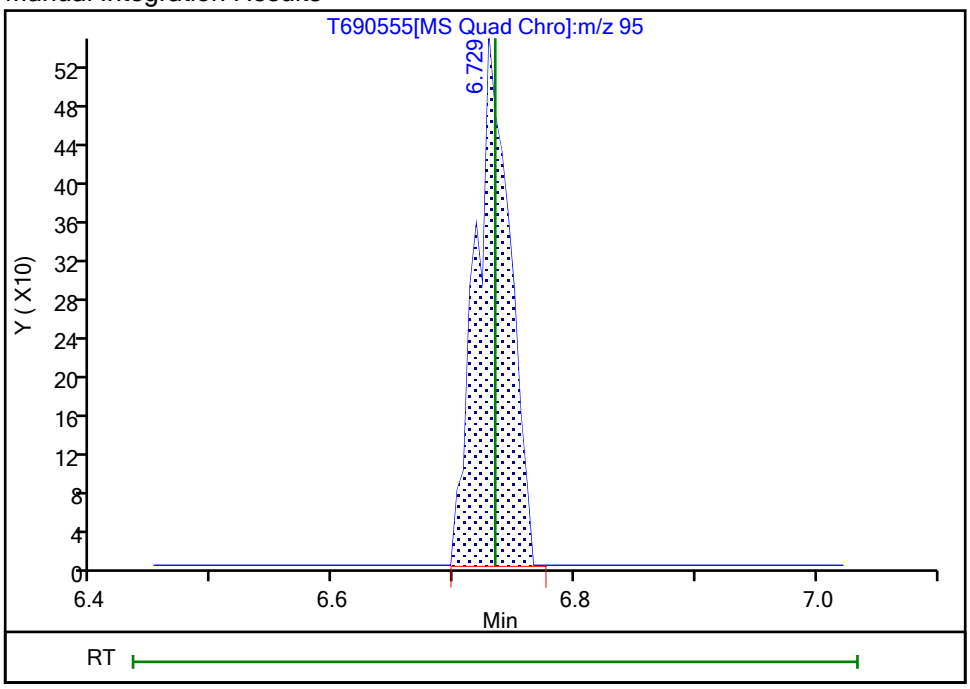
Processing Integration Results

RT: 6.73
Area: 830
Amount: 0.286638
Amount Units: ug/l



Manual Integration Results

RT: 6.73
Area: 1089
Amount: 0.376083
Amount Units: ug/l



Reviewer: XE5L, 08-May-2025 11:32:20 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-07_20250501 | Lab Sample ID: 460-325502-2

Matrix: Water | Lab File ID: T690556.D

Analysis Method: 8260D | Date Collected: 05/01/2025 15:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.52	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-07_20250501 | Lab Sample ID: 460-325502-2

Matrix: Water | Lab File ID: T690556.D

Analysis Method: 8260D | Date Collected: 05/01/2025 15:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	44		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.50		0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-07_20250501 | Lab Sample ID: 460-325502-2

Matrix: Water | Lab File ID: T690556.D

Analysis Method: 8260D | Date Collected: 05/01/2025 15:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		70-128
460-00-4	4-Bromofluorobenzene	83		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D
Lims ID: 460-325502-A-2
Client ID: MW-07_20250501
Sample Type: Client
Inject. Date: 07-May-2025 23:58:00 ALS Bottle#: 45 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-2
Misc. Info.: 460-0190476-017
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:34:13 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 07:10:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.677	3.677	0.000	90	19961	1000.0	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	33	138468	250.0	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	8	780	0.2653	M
52 Chloroform	83	5.345	5.350	-0.005	66	2810	0.5224	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	91956	41.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.958	5.953	0.005	98	115070	40.8	
* 65 Fluorobenzene	96	6.299	6.299	0.000	98	380923	50.0	
67 Trichloroethene	95	6.729	6.734	-0.005	40	1553	0.4991	
* 73 1,4-Dioxane-d8	96	7.122	7.122	0.000	1	20499	1000.0	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	97	345571	52.3	
88 Tetrachloroethene	166	9.172	9.172	0.000	94	136120	43.6	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	87	270980	50.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	84	98516	41.3	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	97	143387	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00080 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 08-May-2025 11:34:13 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D

Injection Date: 07-May-2025 23:58:00 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-2 Lab Sample ID: 460-325502-2

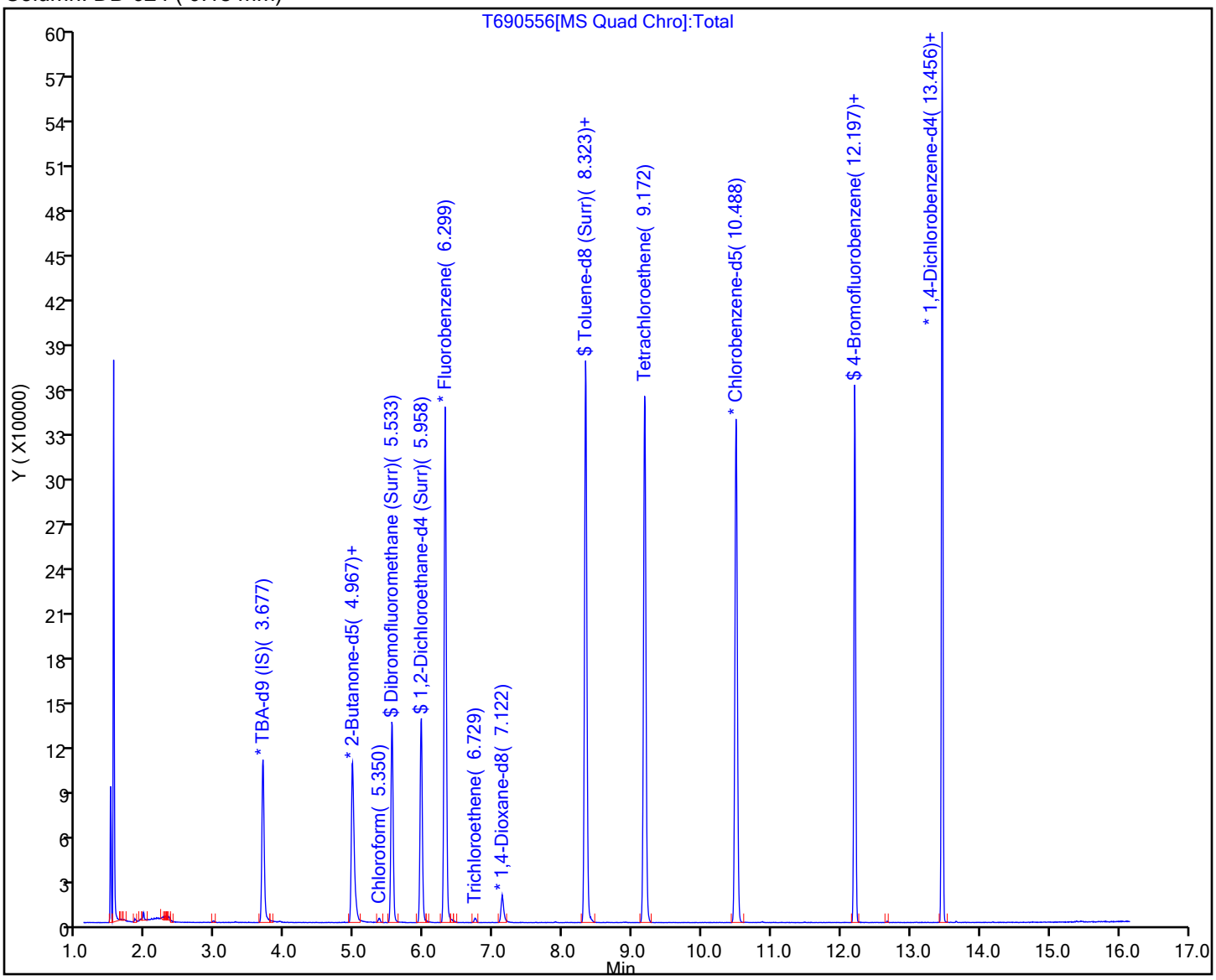
Client ID: MW-07_20250501

Operator ID: ALS Bottle#: 45 Worklist Smp#: 17

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 08-May-2025 11:34:13 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D
Lims ID: 460-325502-A-2
Client ID: MW-07_20250501
Sample Type: Client
Inject. Date: 07-May-2025 23:58:00 ALS Bottle#: 45 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-2
Misc. Info.: 460-0190476-017
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:34:13 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 07:10:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.8	83.58
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	40.8	81.62
$ 83 Toluene-d8 (Surr)	50.0	52.3	104.57
$ 105 4-Bromofluorobenzene	50.0	41.3	82.53

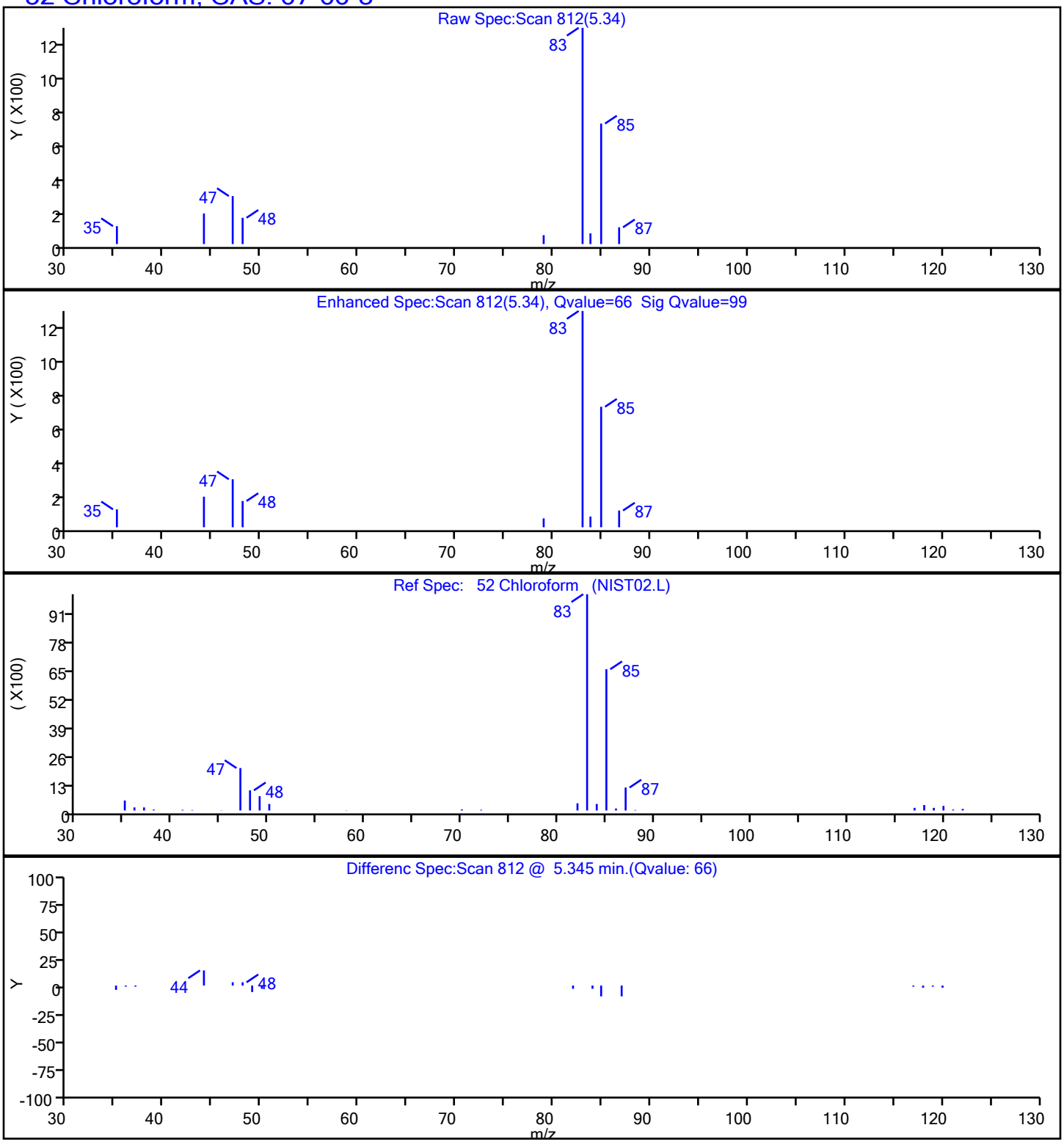
Report Date: 08-May-2025 11:34:13 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D

Injection Date:	07-May-2025 23:58:00	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-2	Lab Sample ID:	460-325502-2		
Client ID:	MW-07_20250501				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

52 Chloroform, CAS: 67-66-3



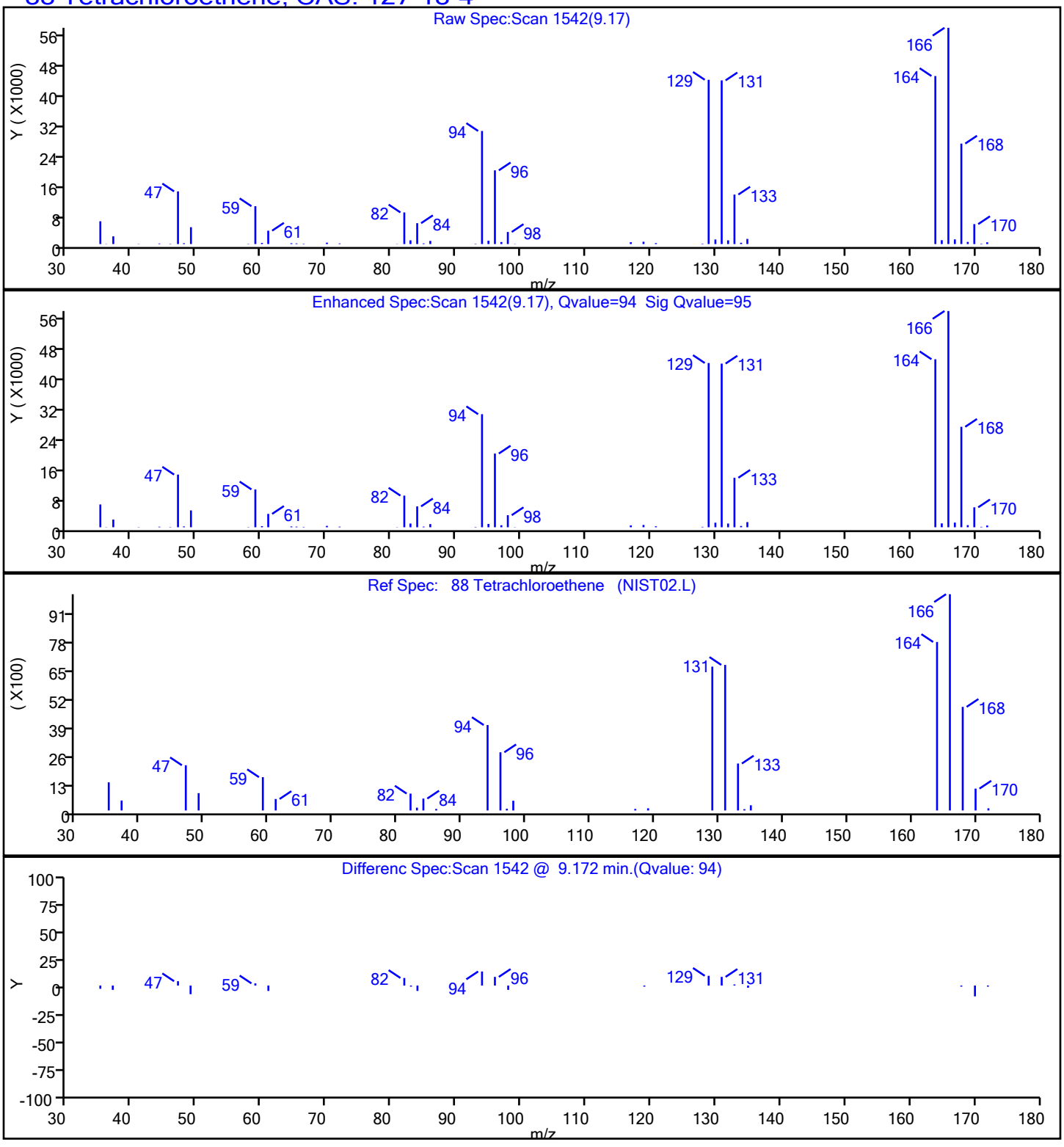
Report Date: 08-May-2025 11:34:13 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D

Injection Date:	07-May-2025 23:58:00	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-2	Lab Sample ID:	460-325502-2		
Client ID:	MW-07_20250501				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



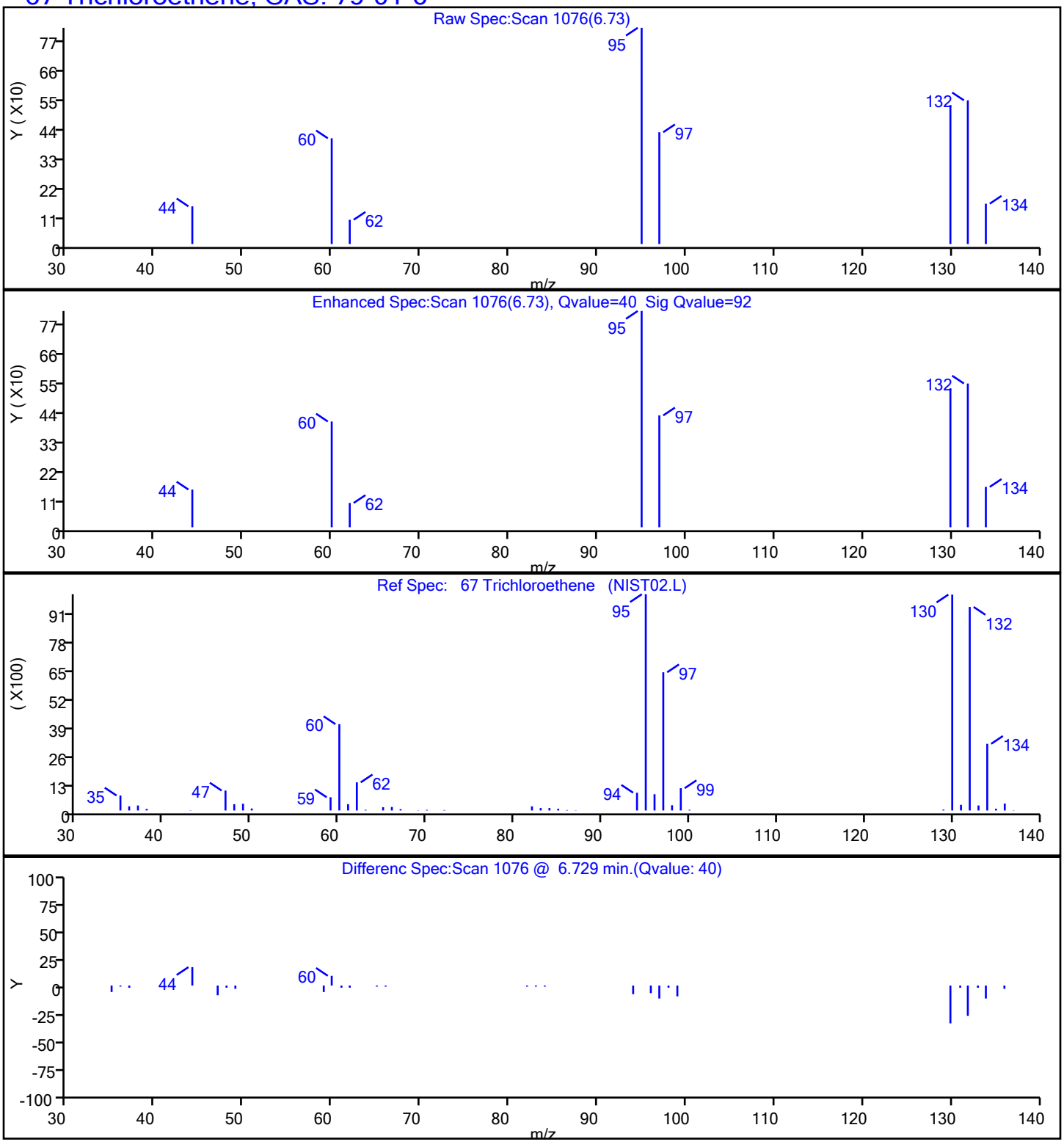
Report Date: 08-May-2025 11:34:13 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D

Injection Date:	07-May-2025 23:58:00	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-2	Lab Sample ID:	460-325502-2		
Client ID:	MW-07_20250501				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6



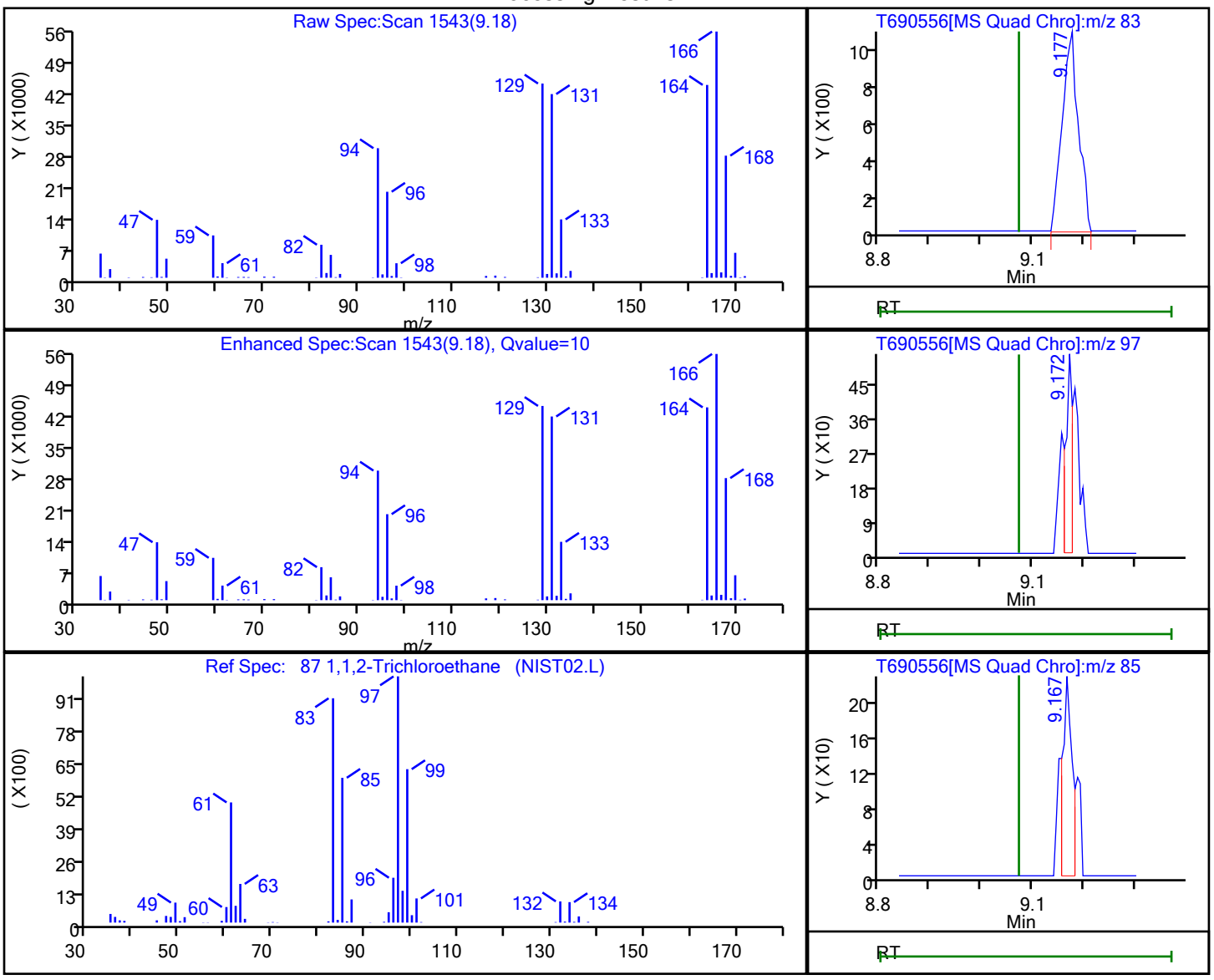
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D				
Injection Date:	07-May-2025 23:58:00	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-2	Lab Sample ID:	460-325502-2		
Client ID:	MW-07_20250501				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
9.18	83.00	2337	1.395131
9.17	97.00	469	
9.17	85.00	279	

Reviewer: FK2C, 08-May-2025 07:10:34 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

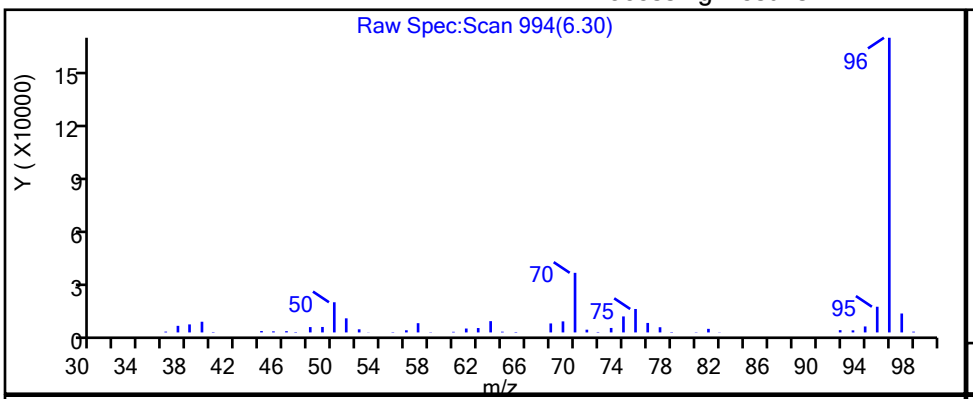
User Disabled Compound Report

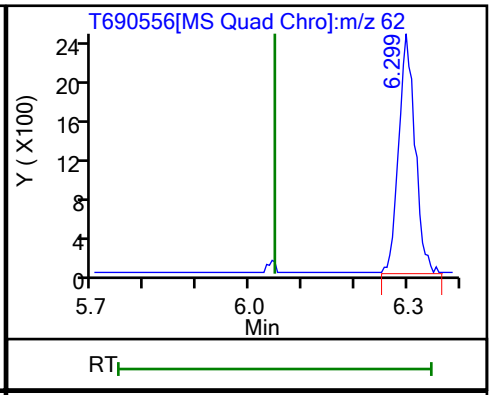
Eurofins Edison

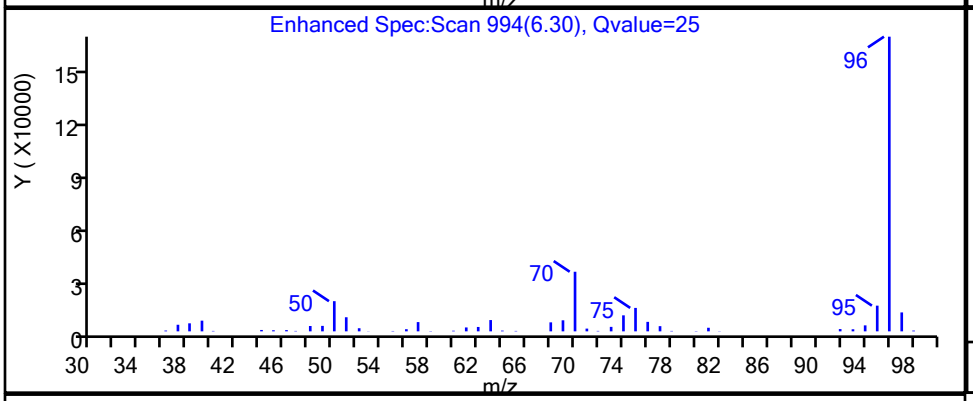
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D				
Injection Date:	07-May-2025 23:58:00	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-2	Lab Sample ID:	460-325502-2		
Client ID:	MW-07_20250501				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

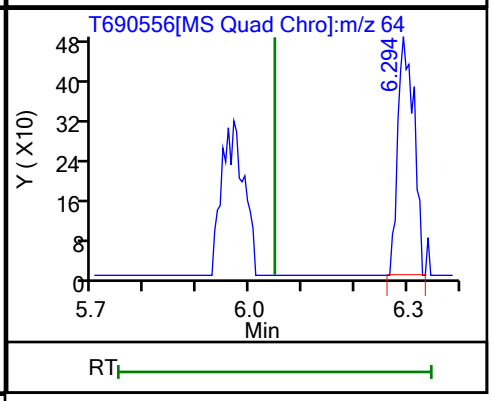
61 1,2-Dichloroethane, CAS: 107-06-2

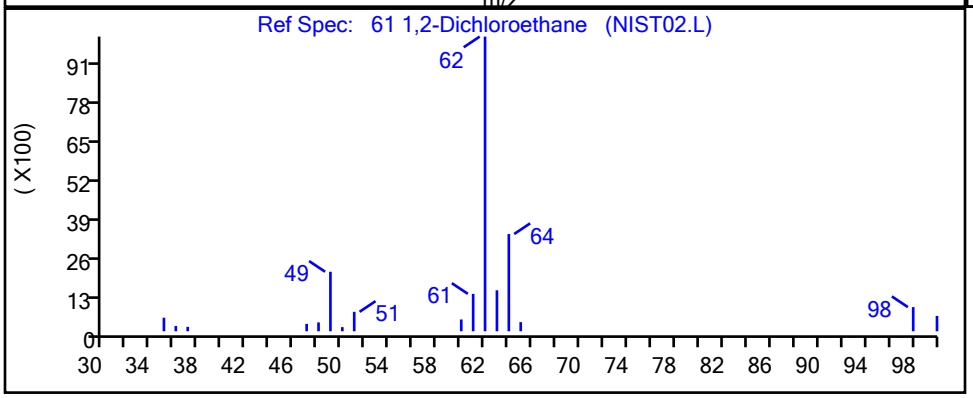
Processing Results











RT	Mass	Response	Amount
6.30	62.00	5294	1.156361
6.29	64.00	1031	

Reviewer: FK2C, 08-May-2025 07:10:31 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

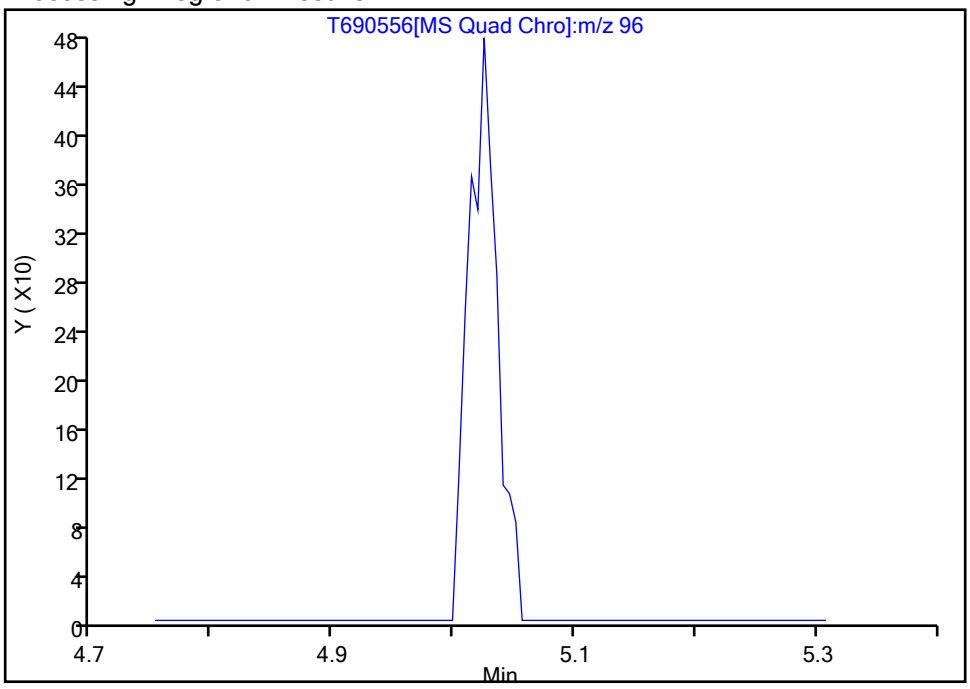
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690556.D				
Injection Date:	07-May-2025 23:58:00	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-2	Lab Sample ID:	460-325502-2		
Client ID:	MW-07_20250501				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

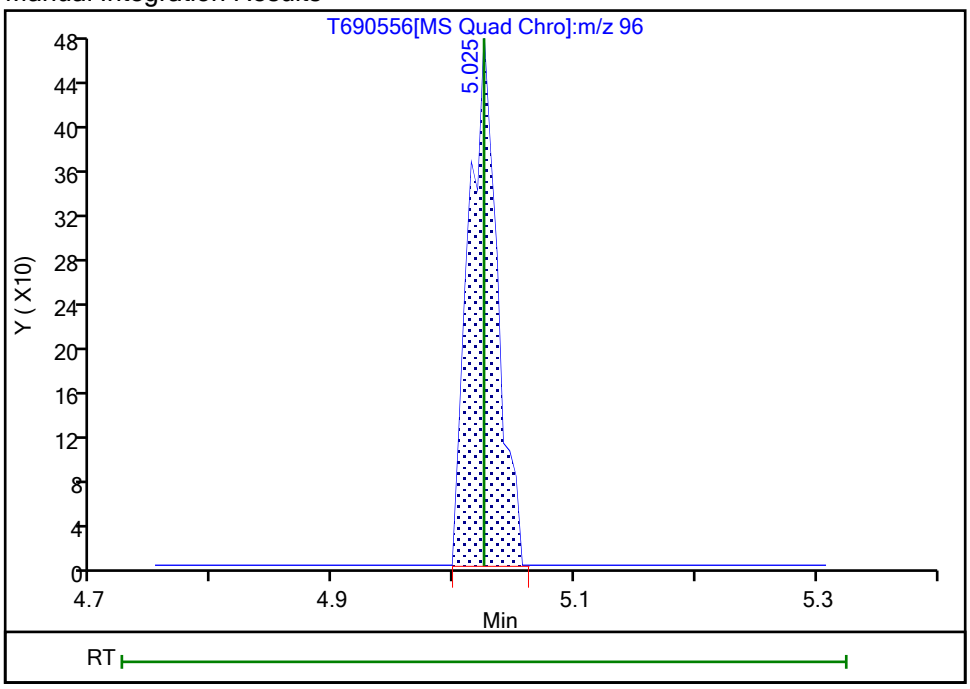
Not Detected
Expected RT: 5.02

Processing Integration Results



Manual Integration Results

RT: 5.02
Area: 780
Amount: 0.265342
Amount Units: ug/l



Reviewer: XE5L, 08-May-2025 11:34:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-08_20250501 | Lab Sample ID: 460-325502-3

Matrix: Water | Lab File ID: T690557.D

Analysis Method: 8260D | Date Collected: 05/01/2025 16:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 00:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-08_20250501 | Lab Sample ID: 460-325502-3

Matrix: Water | Lab File ID: T690557.D

Analysis Method: 8260D | Date Collected: 05/01/2025 16:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 00:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.8		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-08_20250501 | Lab Sample ID: 460-325502-3

Matrix: Water | Lab File ID: T690557.D

Analysis Method: 8260D | Date Collected: 05/01/2025 16:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 00:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		70-128
460-00-4	4-Bromofluorobenzene	84		76-120
1868-53-7	Dibromofluoromethane (Surr)	83		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690557.D
Lims ID: 460-325502-A-3
Client ID: MW-08_20250501
Sample Type: Client
Inject. Date: 08-May-2025 00:20:52 ALS Bottle#: 46 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-3
Misc. Info.: 460-0190476-018
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:28:59 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 07:10:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.677	3.677	0.000	91	20504	1000.0	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	25	151957	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.538	5.533	0.005	95	92271	41.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	98	115376	40.6	
* 65 Fluorobenzene	96	6.304	6.299	0.005	99	384120	50.0	
* 73 1,4-Dioxane-d8	96	7.122	7.122	0.000	1	19947	1000.0	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	98	344346	52.4	
88 Tetrachloroethene	166	9.177	9.172	0.005	89	5532	1.78	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	88	269293	50.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	85	99075	41.8	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	97	141038	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00080 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 08-May-2025 11:31:45 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690557.D

Injection Date: 08-May-2025 00:20:52 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-3 Lab Sample ID: 460-325502-3

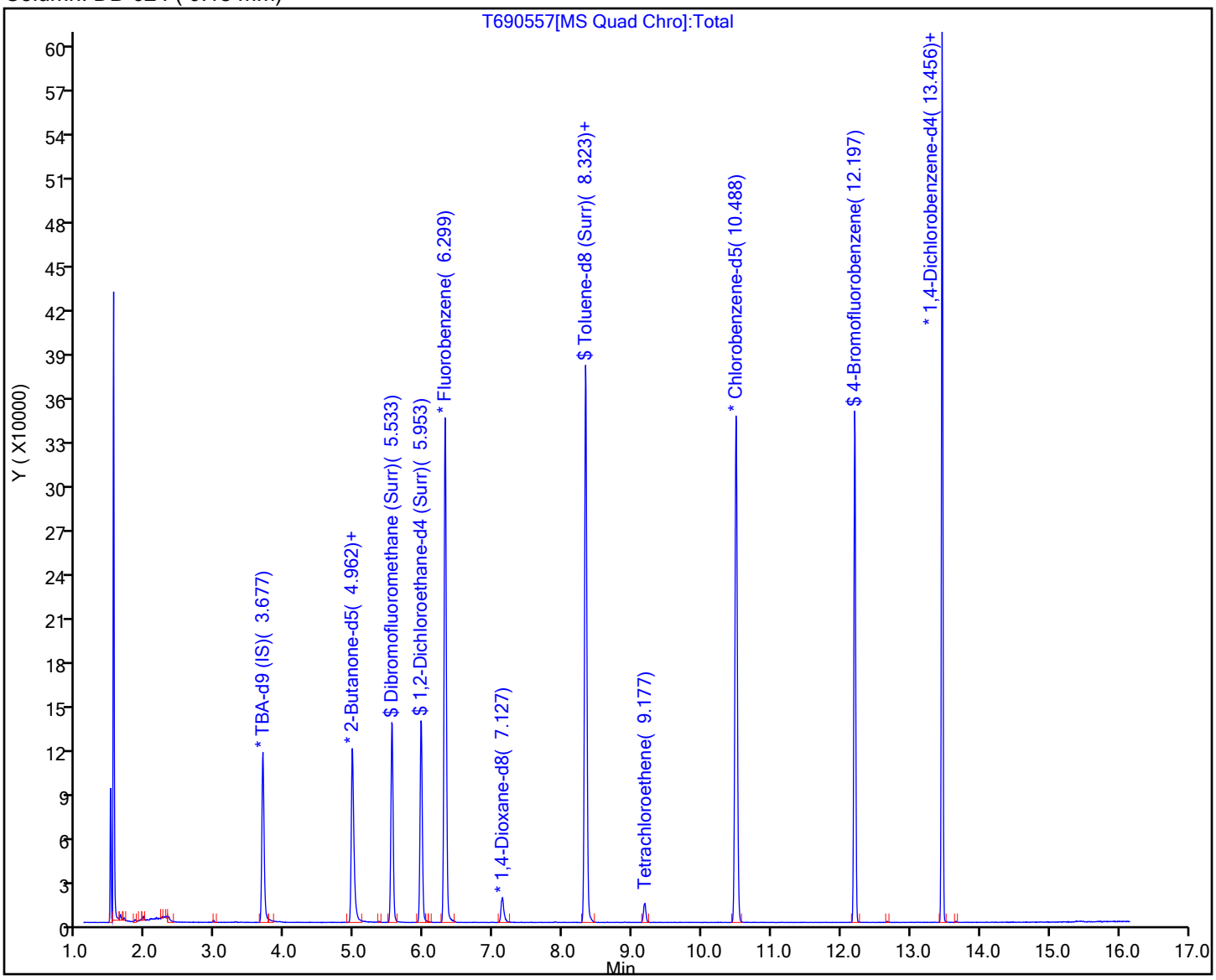
Client ID: MW-08_20250501

Operator ID: ALS Bottle#: 46 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690557.D				
Lims ID:	460-325502-A-3				
Client ID:	MW-08_20250501				
Sample Type:	Client				
Inject. Date:	08-May-2025 00:20:52	ALS Bottle#:	46	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-325502-A-3				
Misc. Info.:	460-0190476-018				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	08-May-2025 11:28:59	Calib Date:	19-Apr-2025 10:26:58		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1601				
First Level Reviewer: FK2C		Date:	08-May-2025 07:10:57		

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.6	83.17
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	40.6	81.16
$ 83 Toluene-d8 (Surr)	50.0	52.4	104.86
$ 105 4-Bromofluorobenzene	50.0	41.8	83.51

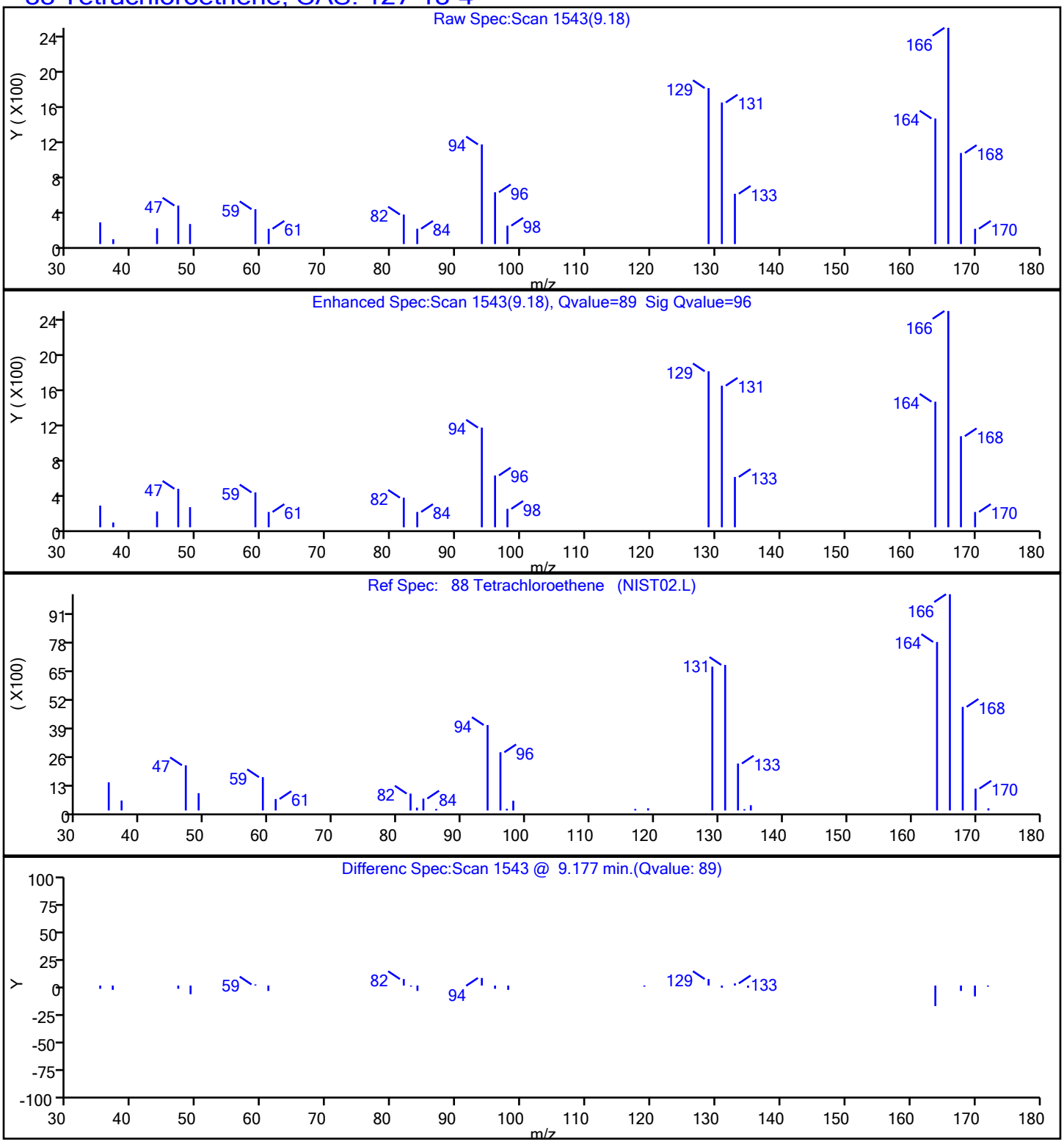
Report Date: 08-May-2025 11:31:45 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690557.D

Injection Date:	08-May-2025 00:20:52	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-3	Lab Sample ID:	460-325502-3		
Client ID:	MW-08_20250501				
Operator ID:		ALS Bottle#:	46	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



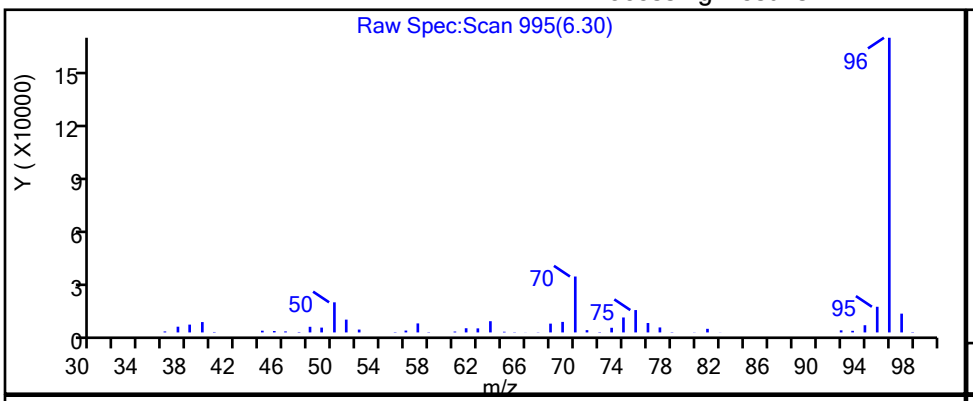
User Disabled Compound Report

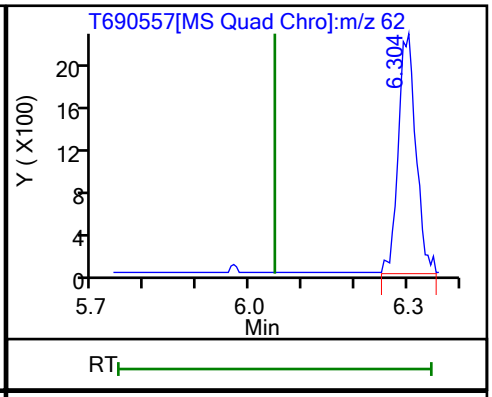
Eurofins Edison

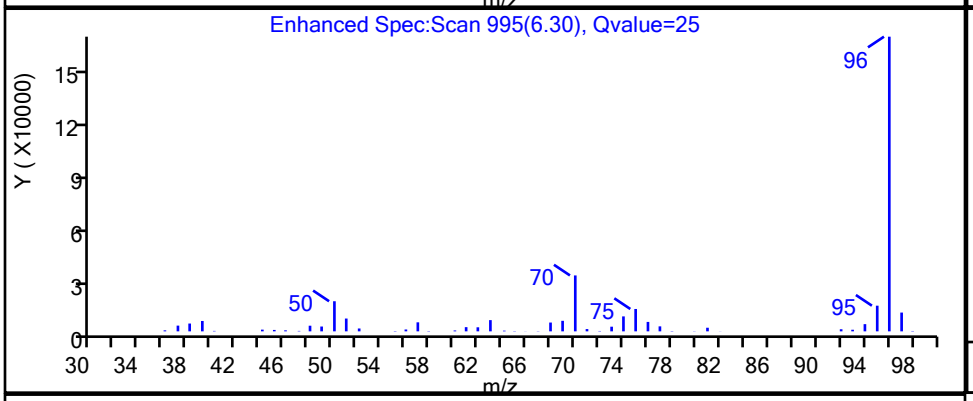
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690557.D				
Injection Date:	08-May-2025 00:20:52	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-3	Lab Sample ID:	460-325502-3		
Client ID:	MW-08_20250501				
Operator ID:		ALS Bottle#:	46	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

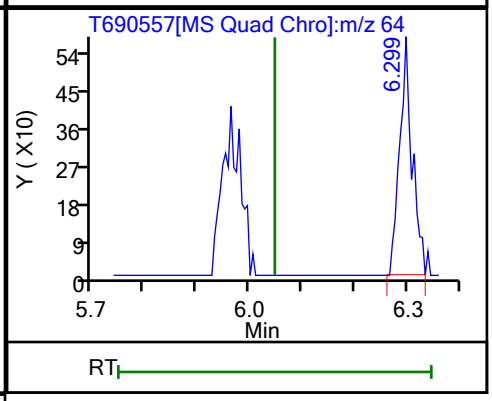
61 1,2-Dichloroethane, CAS: 107-06-2

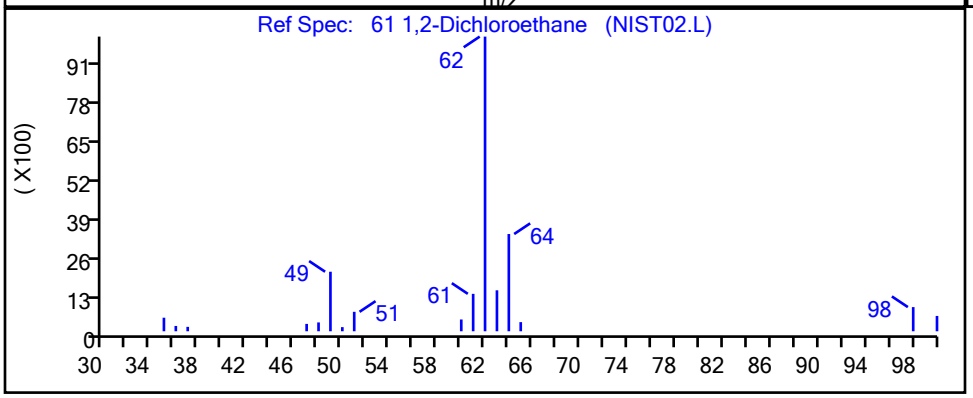
Processing Results











RT	Mass	Response	Amount
6.30	62.00	5327	1.153885
6.30	64.00	960	

Reviewer: FK2C, 08-May-2025 07:10:48 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: Dup-01_20250501 | Lab Sample ID: 460-325502-4

Matrix: Water | Lab File ID: T690558.D

Analysis Method: 8260D | Date Collected: 05/01/2025 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 00:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.53	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: Dup-01_20250501 | Lab Sample ID: 460-325502-4

Matrix: Water | Lab File ID: T690558.D

Analysis Method: 8260D | Date Collected: 05/01/2025 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 00:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	44		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.46		0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: Dup-01_20250501 | Lab Sample ID: 460-325502-4

Matrix: Water | Lab File ID: T690558.D

Analysis Method: 8260D | Date Collected: 05/01/2025 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 00:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		70-128
460-00-4	4-Bromofluorobenzene	83		76-120
1868-53-7	Dibromofluoromethane (Surr)	83		77-132
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D
Lims ID: 460-325502-A-4
Client ID: Dup-01_20250501
Sample Type: Client
Inject. Date: 08-May-2025 00:43:46 ALS Bottle#: 47 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-4
Misc. Info.: 460-0190476-019
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:33:46 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 07:11:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.677	3.677	0.000	90	20373	1000.0	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	45	162974	250.0	
43 cis-1,2-Dichloroethene	96	5.019	5.025	-0.006	7	734	0.2479	Ma
52 Chloroform	83	5.355	5.350	0.005	82	2848	0.5258	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	91849	41.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	99	114283	40.2	
* 65 Fluorobenzene	96	6.304	6.299	0.005	99	383617	50.0	
67 Trichloroethene	95	6.729	6.734	-0.005	64	1435	0.4579	
* 73 1,4-Dioxane-d8	96	7.122	7.122	0.000	1	19189	1000.0	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	98	346630	53.0	
88 Tetrachloroethene	166	9.172	9.172	0.000	93	136183	44.1	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	87	267930	50.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	85	97506	41.3	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	98	137558	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

VOA6IS/SURR_00080 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 08-May-2025 11:33:46 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D

Injection Date: 08-May-2025 00:43:46 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-4 Lab Sample ID: 460-325502-4

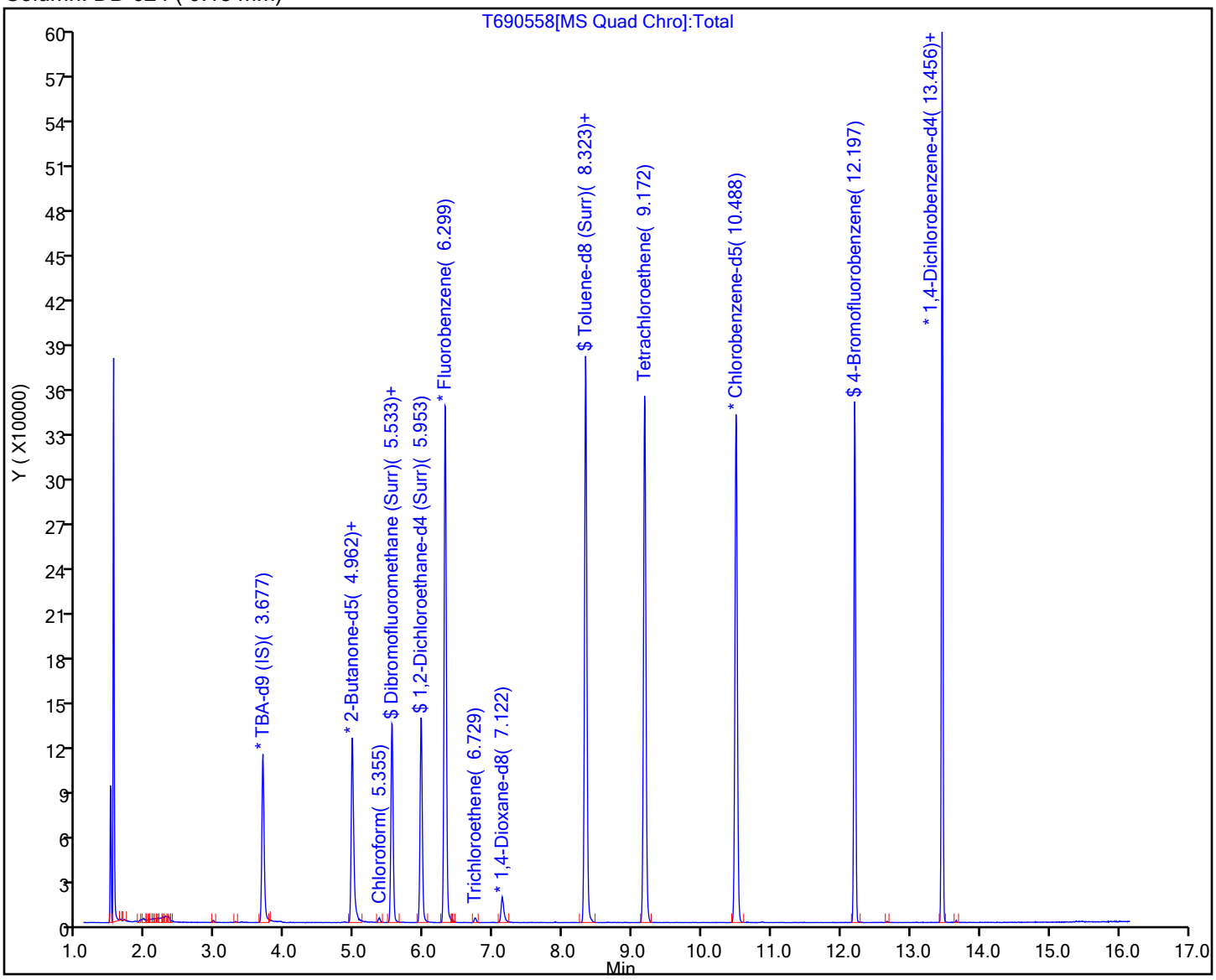
Client ID: Dup-01_20250501

Operator ID: ALS Bottle#: 47 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D				
Lims ID:	460-325502-A-4				
Client ID:	Dup-01_20250501				
Sample Type:	Client				
Inject. Date:	08-May-2025 00:43:46	ALS Bottle#:	47	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-325502-A-4				
Misc. Info.:	460-0190476-019				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	08-May-2025 11:33:46	Calib Date:	19-Apr-2025 10:26:58		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1601				

First Level Reviewer: FK2C Date: 08-May-2025 07:11:17

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.4	82.89
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	40.2	80.50
$ 83 Toluene-d8 (Surr)	50.0	53.0	106.09
$ 105 4-Bromofluorobenzene	50.0	41.3	82.61

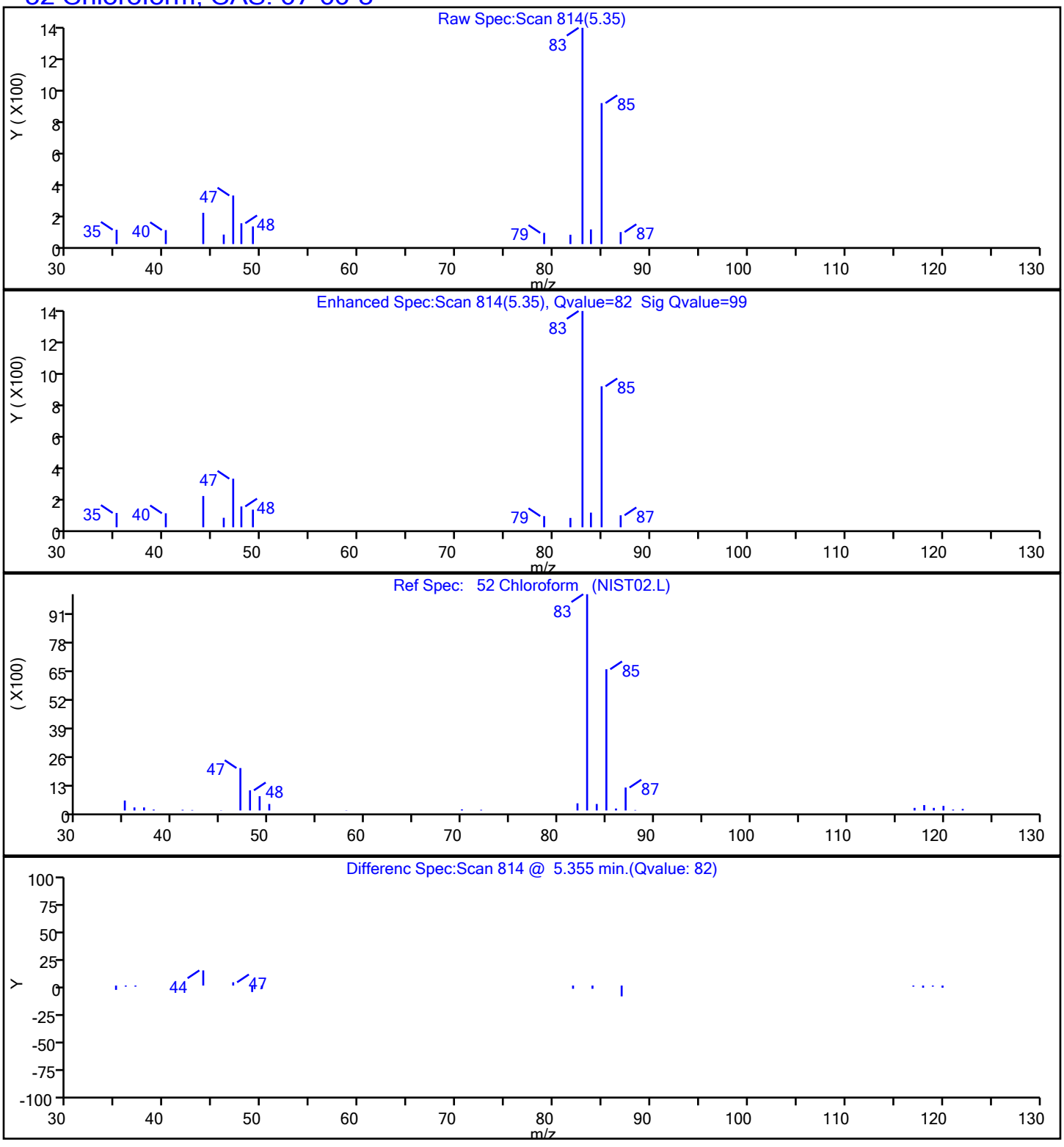
Report Date: 08-May-2025 11:33:46 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D

Injection Date:	08-May-2025 00:43:46	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-4	Lab Sample ID:	460-325502-4		
Client ID:	Dup-01_20250501				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

52 Chloroform, CAS: 67-66-3



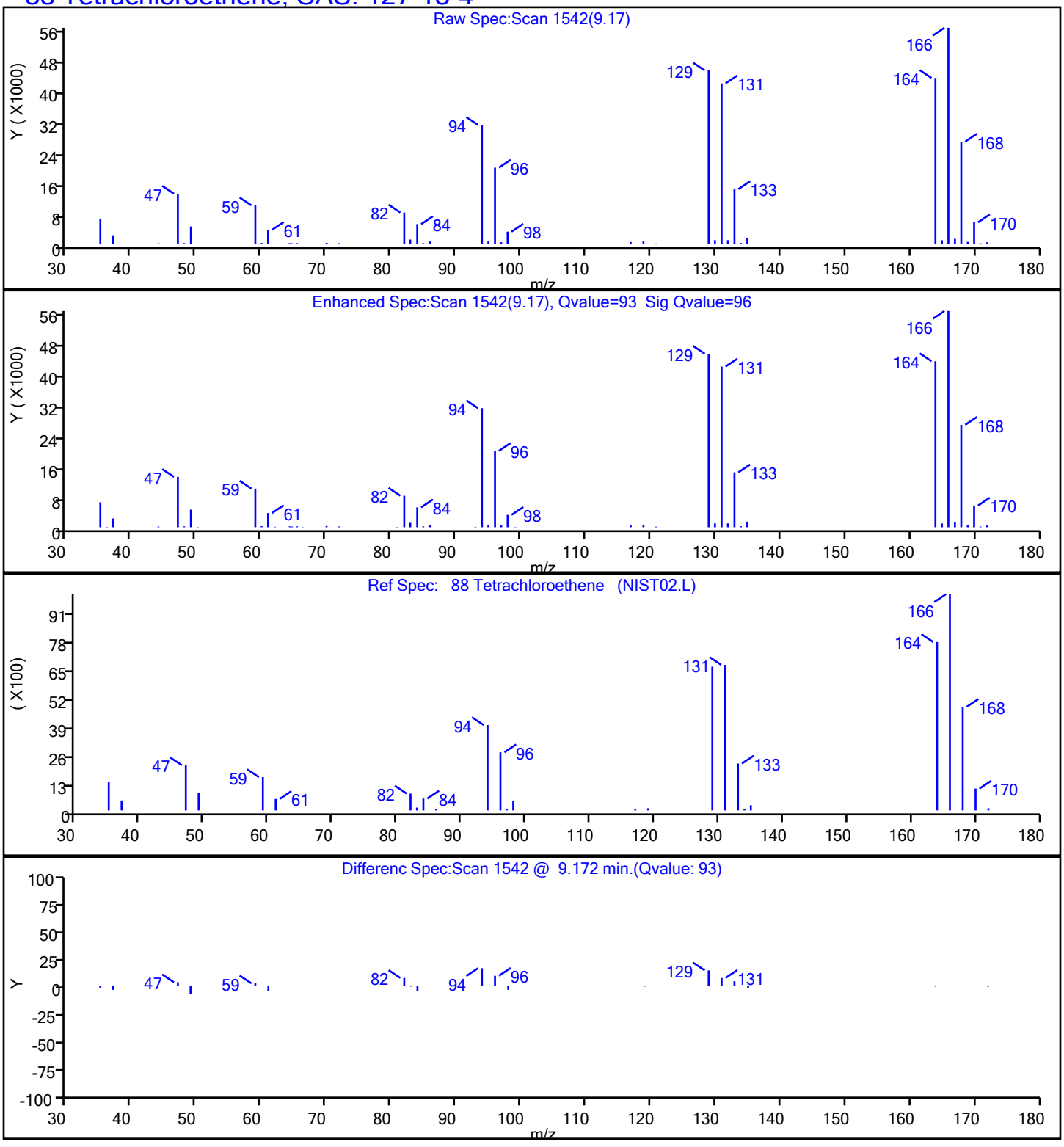
Report Date: 08-May-2025 11:33:47 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D

Injection Date:	08-May-2025 00:43:46	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-4	Lab Sample ID:	460-325502-4		
Client ID:	Dup-01_20250501				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



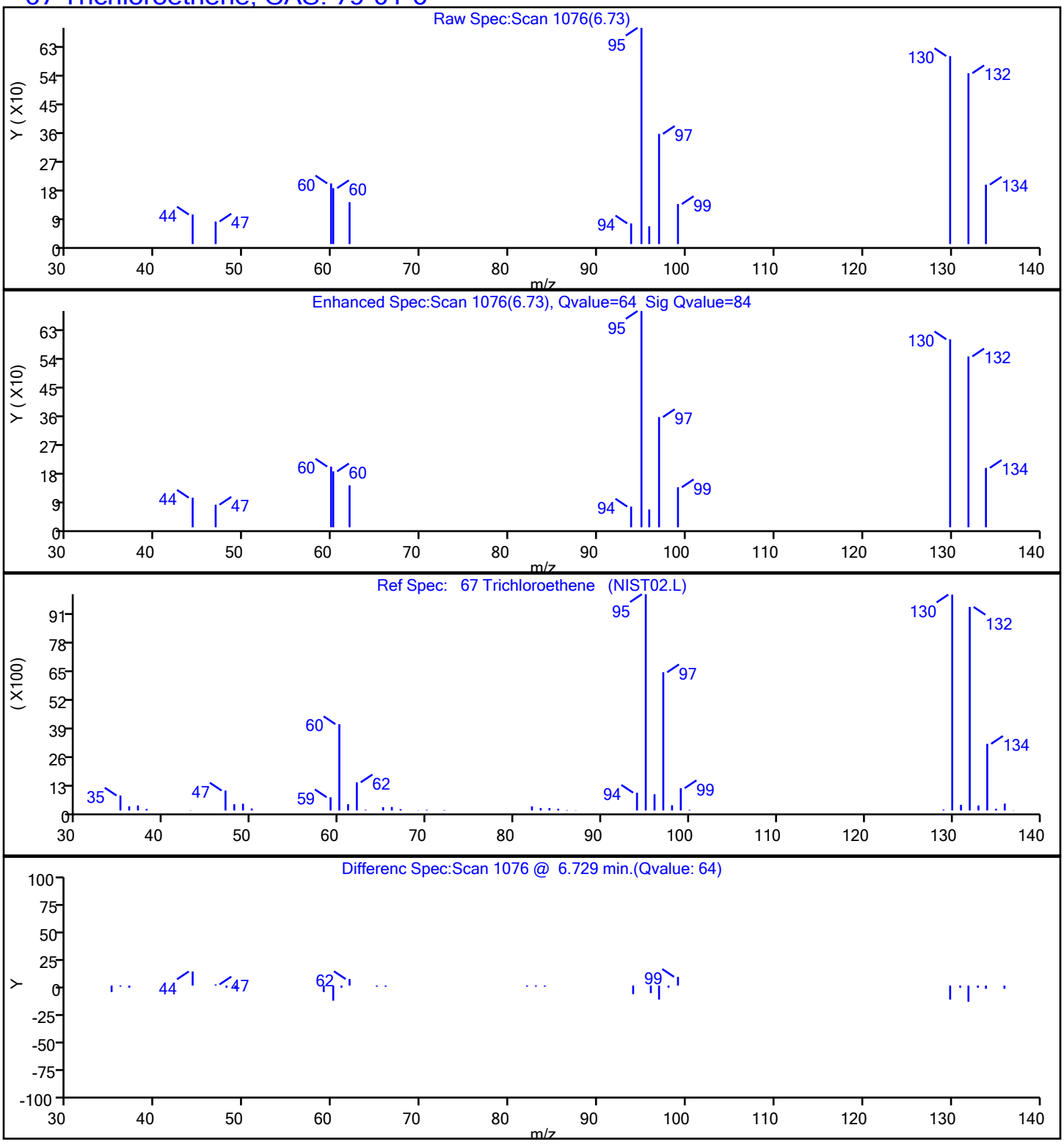
Report Date: 08-May-2025 11:33:47 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D

Injection Date:	08-May-2025 00:43:46	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-4	Lab Sample ID:	460-325502-4		
Client ID:	Dup-01_20250501				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6



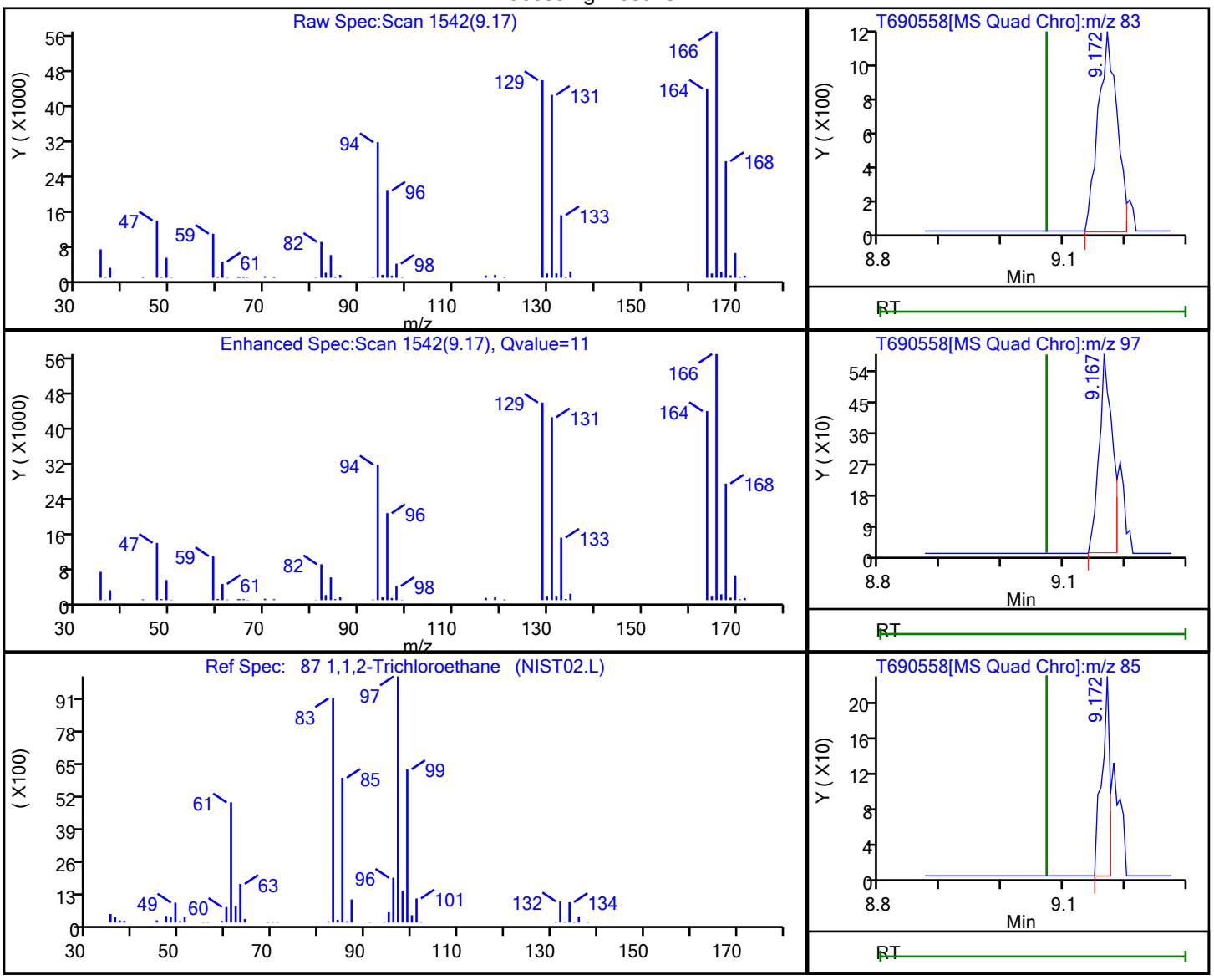
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D				
Injection Date:	08-May-2025 00:43:46	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-4	Lab Sample ID:	460-325502-4		
Client ID:	Dup-01_20250501				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
9.17	83.00	2449	1.478635
9.17	97.00	879	
9.17	85.00	205	

Reviewer: FK2C, 08-May-2025 07:11:12 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

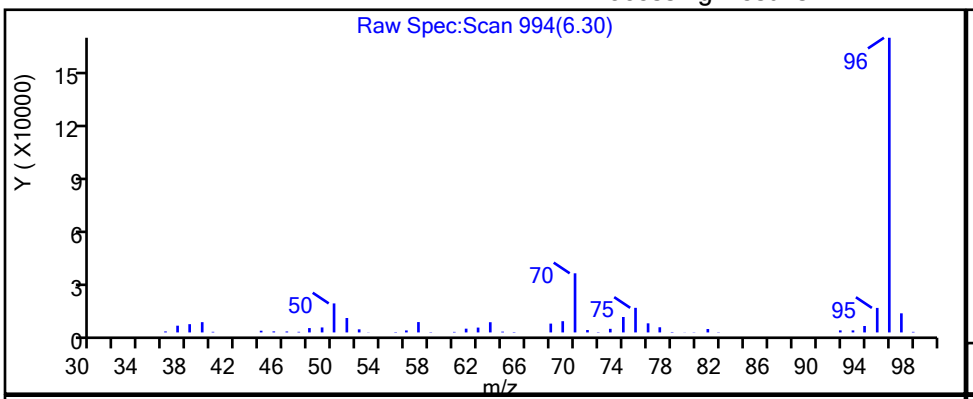
User Disabled Compound Report

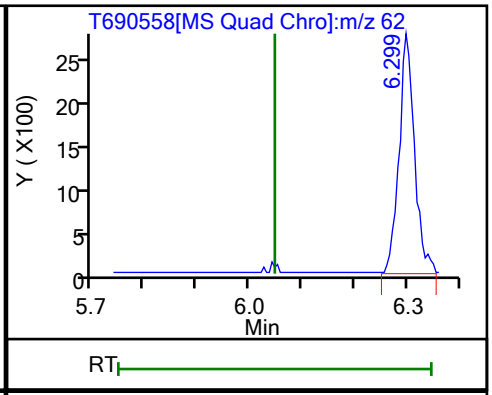
Eurofins Edison

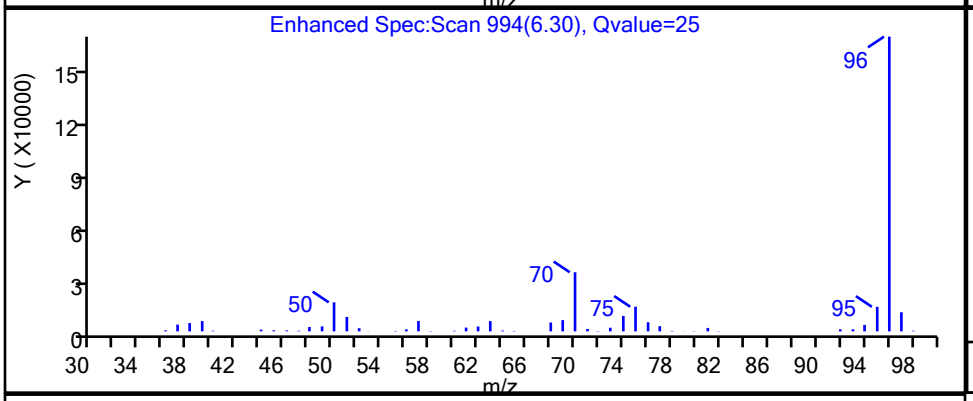
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D				
Injection Date:	08-May-2025 00:43:46	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-4	Lab Sample ID:	460-325502-4		
Client ID:	Dup-01_20250501				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

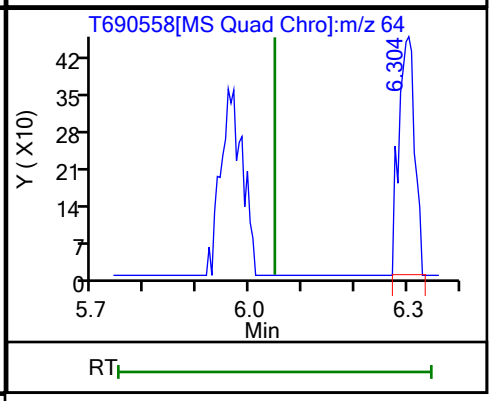
61 1,2-Dichloroethane, CAS: 107-06-2

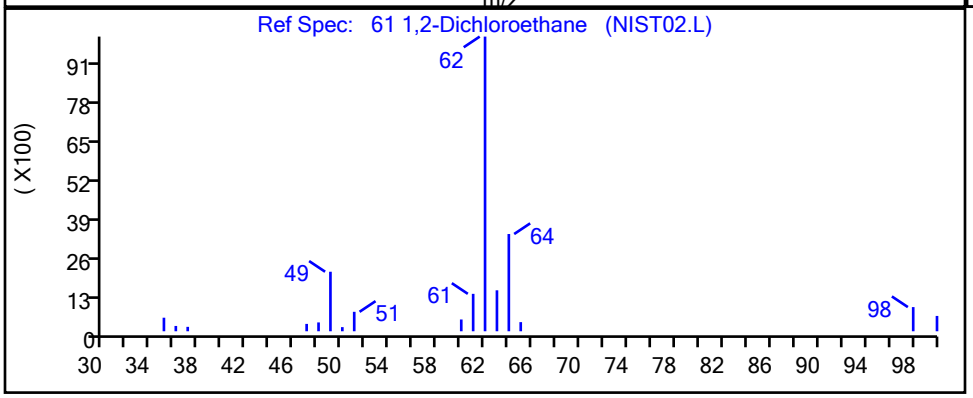
Processing Results











RT	Mass	Response	Amount
6.30	62.00	5591	1.212658
6.30	64.00	959	

Reviewer: FK2C, 08-May-2025 07:11:08 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

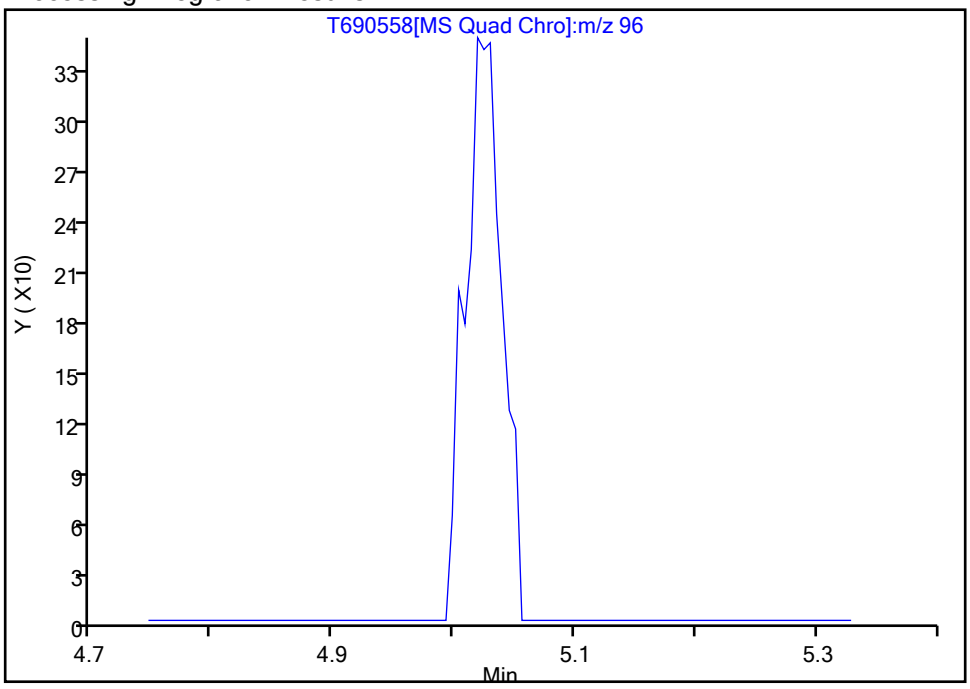
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690558.D				
Injection Date:	08-May-2025 00:43:46	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-4	Lab Sample ID:	460-325502-4		
Client ID:	Dup-01_20250501				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

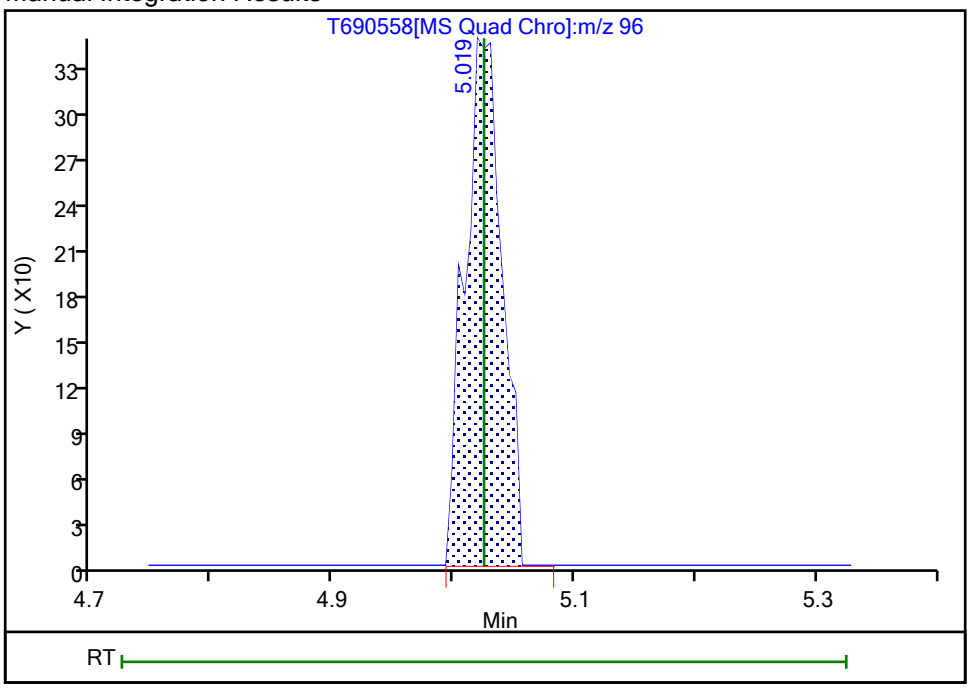
Not Detected
Expected RT: 5.02

Processing Integration Results



Manual Integration Results

RT: 5.02
Area: 734
Amount: 0.247940
Amount Units: ug/l



Reviewer: XE5L, 08-May-2025 11:33:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: FB-01_20250501 | Lab Sample ID: 460-325502-5

Matrix: Water | Lab File ID: T690553.D

Analysis Method: 8260D | Date Collected: 05/01/2025 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 22:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: FB-01_20250501 | Lab Sample ID: 460-325502-5

Matrix: Water | Lab File ID: T690553.D

Analysis Method: 8260D | Date Collected: 05/01/2025 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 22:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: FB-01_20250501 | Lab Sample ID: 460-325502-5

Matrix: Water | Lab File ID: T690553.D

Analysis Method: 8260D | Date Collected: 05/01/2025 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 22:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		70-128
460-00-4	4-Bromofluorobenzene	84		76-120
1868-53-7	Dibromofluoromethane (Surr)	82		77-132
2037-26-5	Toluene-d8 (Surr)	109		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690553.D
Lims ID: 460-325502-A-5
Client ID: FB-01_20250501
Sample Type: Client
Inject. Date: 07-May-2025 22:49:25 ALS Bottle#: 42 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-5
Misc. Info.: 460-0190476-014
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:08:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.672	3.672	0.000	91	19144	1000.0	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	36	159696	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	95	85909	41.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	97	109899	41.1	
* 65 Fluorobenzene	96	6.299	6.299	0.000	99	361347	50.0	
* 73 1,4-Dioxane-d8	96	7.127	7.127	0.000	1	17710	1000.0	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	98	321895	54.4	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	87	242779	50.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	86	89773	42.0	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	98	127518	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00080 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 08-May-2025 07:28:50 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690553.D

Injection Date: 07-May-2025 22:49:25 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-5 Lab Sample ID: 460-325502-5

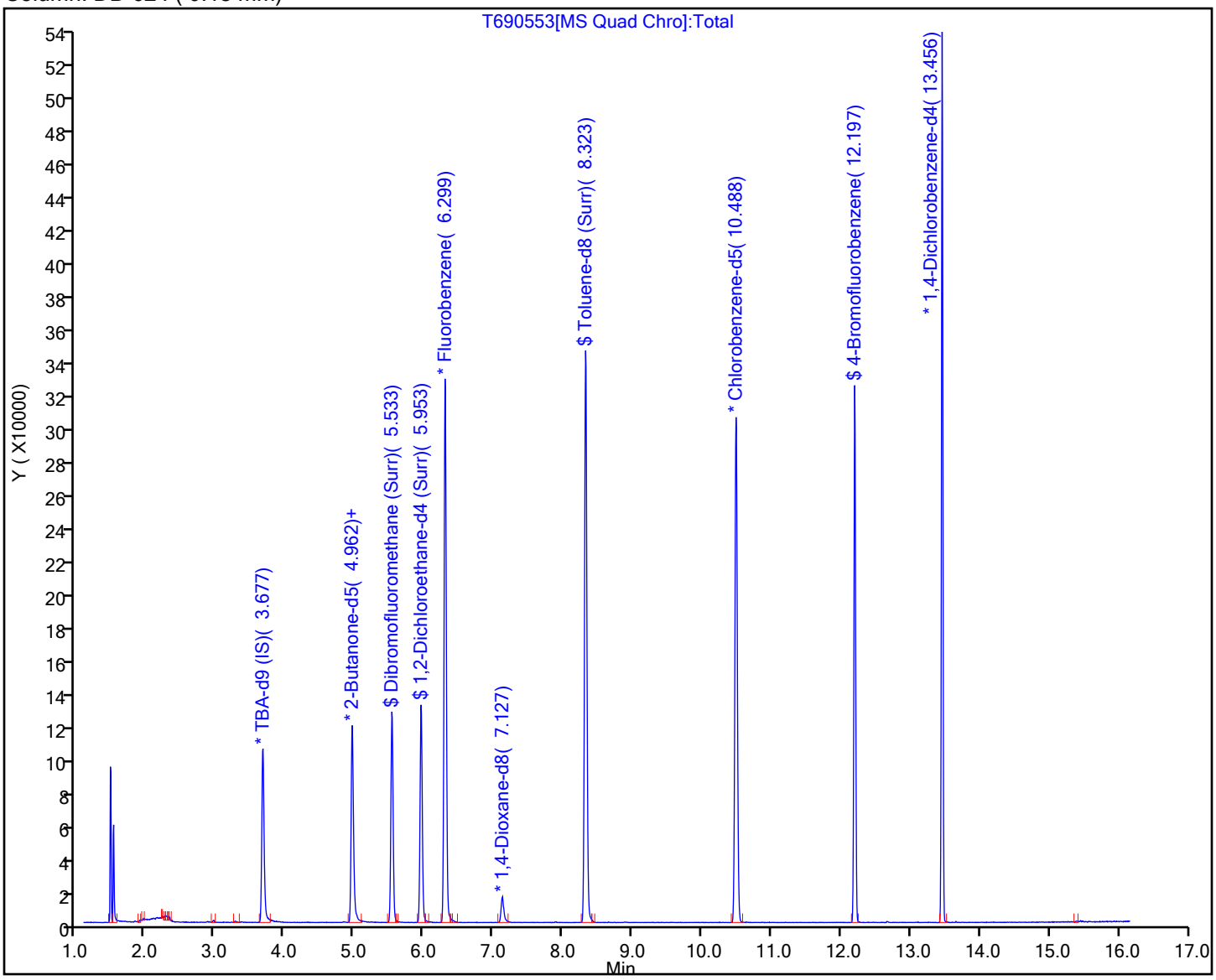
Client ID: FB-01_20250501

Operator ID: ALS Bottle#: 42 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 08-May-2025 07:28:50 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690553.D
Lims ID: 460-325502-A-5
Client ID: FB-01_20250501
Sample Type: Client
Inject. Date: 07-May-2025 22:49:25 ALS Bottle#: 42 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-5
Misc. Info.: 460-0190476-014
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:08:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.2	82.31
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	41.1	82.18
$ 83 Toluene-d8 (Surr)	50.0	54.4	108.72
$ 105 4-Bromofluorobenzene	50.0	42.0	83.94

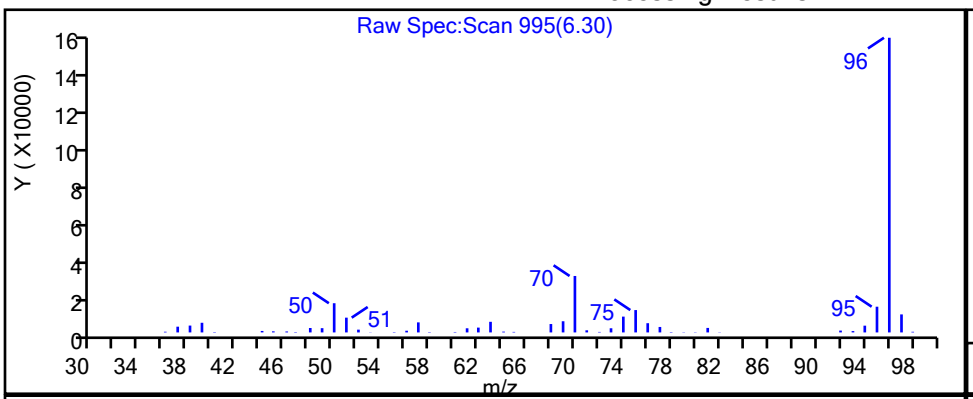
User Disabled Compound Report

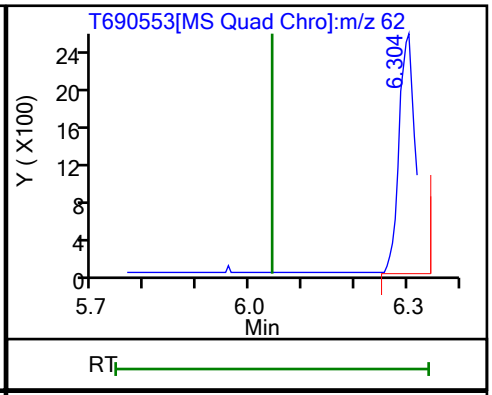
Eurofins Edison

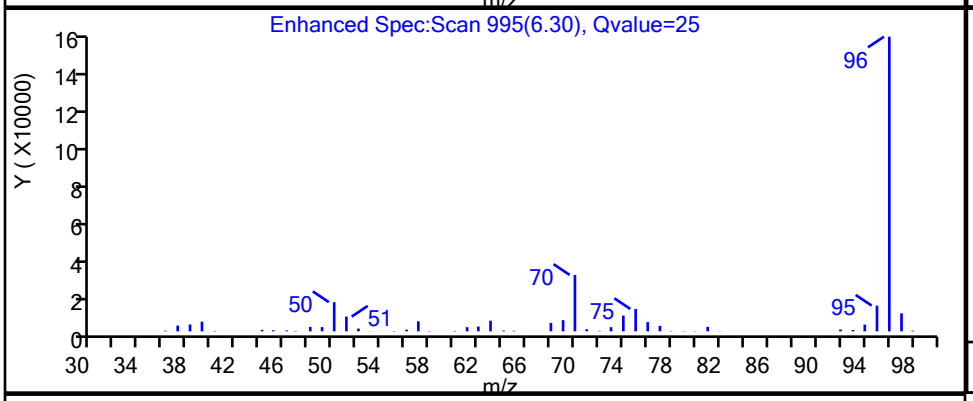
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690553.D		
Injection Date:	07-May-2025 22:49:25	Instrument ID:	CVOAMS15
Lims ID:	460-325502-A-5	Lab Sample ID:	460-325502-5
Client ID:	FB-01_20250501		
Operator ID:		ALS Bottle#:	42 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

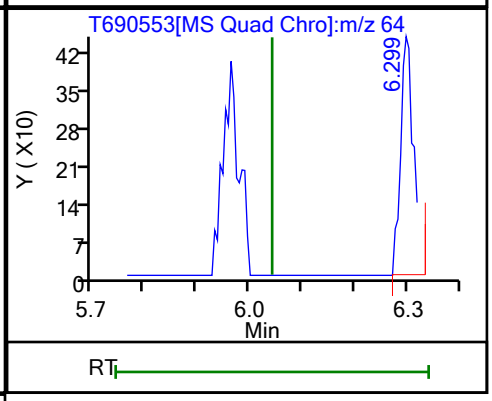
61 1,2-Dichloroethane, CAS: 107-06-2

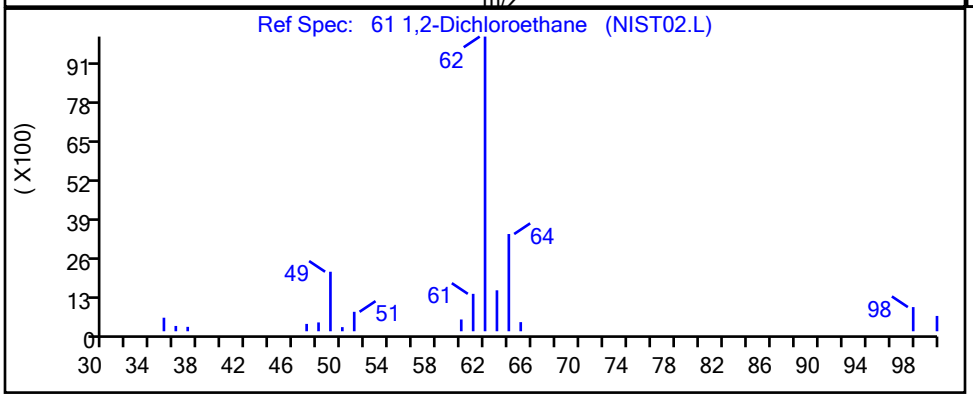
Processing Results











RT	Mass	Response	Amount
6.30	62.00	5355	1.233053
6.30	64.00	742	

Reviewer: FK2C, 08-May-2025 07:08:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: TB-01_20250501 | Lab Sample ID: 460-325502-6

Matrix: Water | Lab File ID: T690554.D

Analysis Method: 8260D | Date Collected: 05/01/2025 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: TB-01_20250501 | Lab Sample ID: 460-325502-6

Matrix: Water | Lab File ID: T690554.D

Analysis Method: 8260D | Date Collected: 05/01/2025 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: TB-01_20250501 | Lab Sample ID: 460-325502-6

Matrix: Water | Lab File ID: T690554.D

Analysis Method: 8260D | Date Collected: 05/01/2025 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 23:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		70-128
460-00-4	4-Bromofluorobenzene	84		76-120
1868-53-7	Dibromofluoromethane (Surr)	83		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690554.D
Lims ID: 460-325502-A-6
Client ID: TB-01_20250501
Sample Type: Client
Inject. Date: 07-May-2025 23:12:16 ALS Bottle#: 43 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-6
Misc. Info.: 460-0190476-015
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:09:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.677	3.672	0.005	91	21149	1000.0	
* 42 2-Butanone-d5	46	4.957	4.962	-0.005	37	187313	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	90508	41.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	98	114996	40.9	
* 65 Fluorobenzene	96	6.304	6.299	0.005	99	379599	50.0	
* 73 1,4-Dioxane-d8	96	7.122	7.127	-0.005	1	19653	1000.0	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	97	340282	54.0	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	85	258340	50.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	85	95037	41.8	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	97	132423	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00080 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 08-May-2025 07:28:52 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690554.D

Injection Date: 07-May-2025 23:12:16 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-6 Lab Sample ID: 460-325502-6

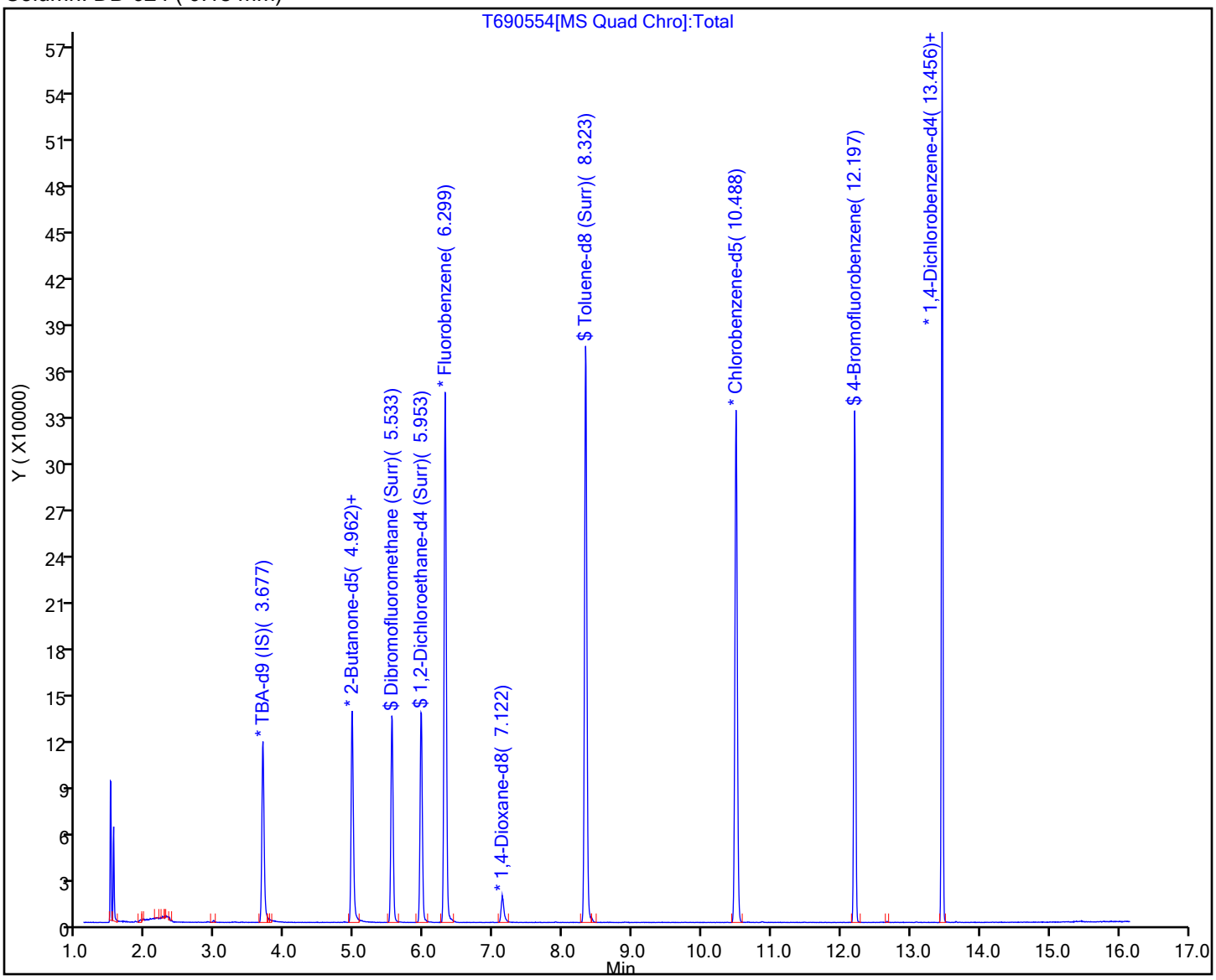
Client ID: TB-01_20250501

Operator ID: ALS Bottle#: 43 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690554.D
Lims ID: 460-325502-A-6
Client ID: TB-01_20250501
Sample Type: Client
Inject. Date: 07-May-2025 23:12:16 ALS Bottle#: 43 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-6
Misc. Info.: 460-0190476-015
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:09:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.3	82.55
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	40.9	81.86
$ 83 Toluene-d8 (Surr)	50.0	54.0	108.01
$ 105 4-Bromofluorobenzene	50.0	41.8	83.51

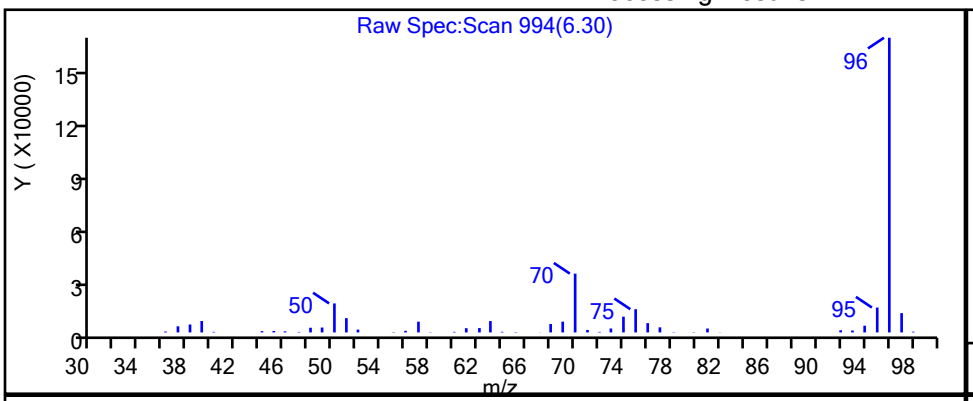
User Disabled Compound Report

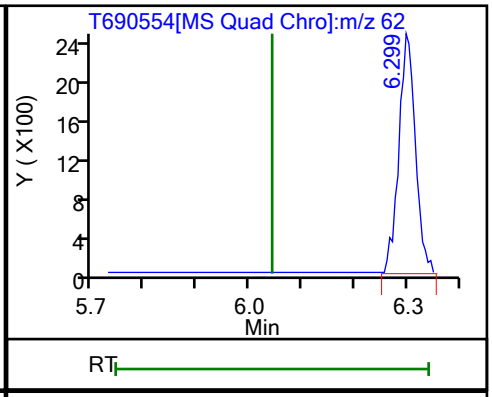
Eurofins Edison

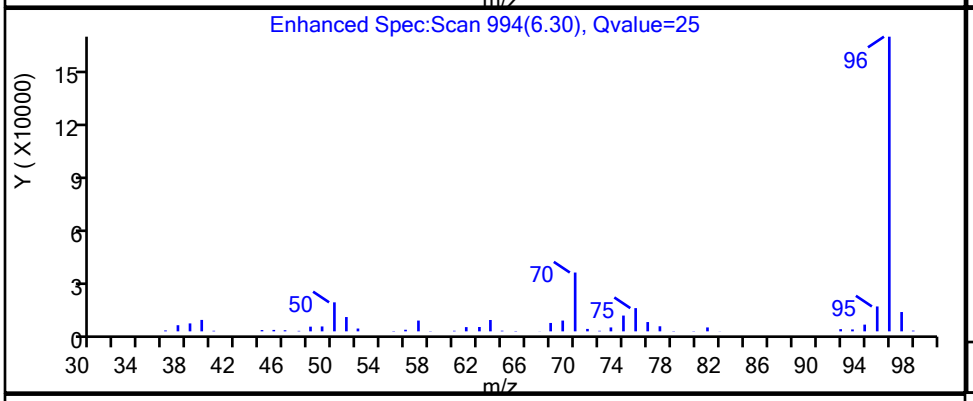
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690554.D				
Injection Date:	07-May-2025 23:12:16	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-6	Lab Sample ID:	460-325502-6		
Client ID:	TB-01_20250501				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

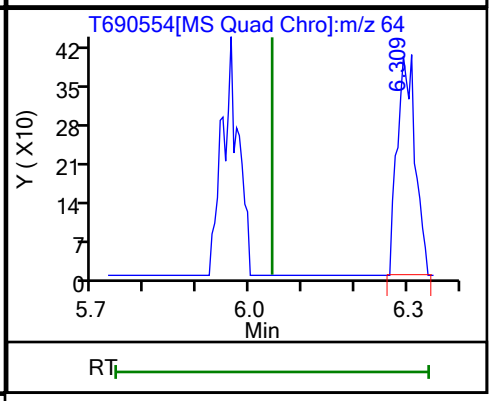
61 1,2-Dichloroethane, CAS: 107-06-2

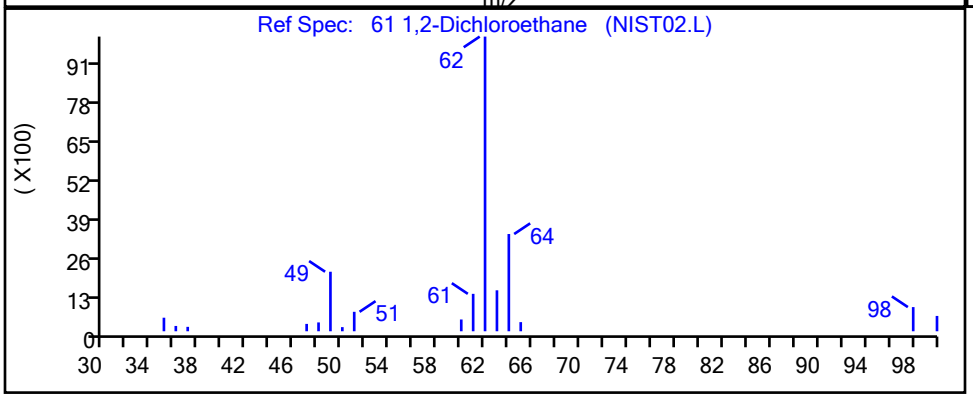
Processing Results











RT	Mass	Response	Amount
6.30	62.00	5282	1.157764
6.31	64.00	968	

Reviewer: FK2C, 08-May-2025 07:09:06 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1032501/4	T689603.D
Level 2	STD9 460-1032501/3	T689602.D
Level 3	STD05 460-1032501/5	T689604.D
Level 4	STD1 460-1032501/18	T689617.D
Level 5	STD5 460-1032501/7	T689606.D
Level 6	STD20 460-1032501/8	T689607.D
Level 7	STD50 460-1032501/9	T689608.D
Level 8	STD200 460-1032501/10	T689609.D
Level 9	STD500 460-1032501/11	T689610.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0669	+++++ 0.0665	0.0791 0.0937	0.0666 +++++	0.0676	Ave		0.0734				15.1		20.0			
Dichlorodifluoromethane	+++++ 0.4469	+++++ 0.4448	0.5016 0.5639	0.4011 0.5852	0.4701	Ave		0.4877			0.1000	13.7		20.0			
Chlorodifluoromethane	+++++ 0.0605	+++++ 0.0635	0.1064 0.0703	0.0711 0.0760	0.0632	Qua2	0.0216	0.0586	0.0000383						0.9940		0.9900
Chloromethane	+++++ 0.3566	+++++ 0.3522	0.4544 0.3996	0.3866 0.4245	0.3866	Ave		0.3944			0.1000	9.2		20.0			
Vinyl chloride	+++++ 0.3308	+++++ 0.3258	0.4234 0.3390	0.2924 0.3431	0.3487	Ave		0.3433			0.1000	11.6		20.0			
Butadiene	0.3470 0.3064	+++++ 0.3002	0.4413 0.3186	0.3121 0.3338	0.3323	Ave		0.3365				13.4		20.0			
Bromomethane	+++++ 0.1829	+++++ 0.2022	0.3978 0.2237	0.2471 +++++	0.1980	Qua2	0.1058	0.1714	0.0002774		0.1000				0.9900		0.9900
Chloroethane	+++++ 0.1972	+++++ 0.2050	0.2479 0.2101	0.1994 0.2039	0.2148	Ave		0.2112			0.1000	8.2		20.0			
Dichlorofluoromethane	+++++ 0.6448	+++++ 0.6623	0.7480 0.6797	0.6230 0.6894	0.6735	Ave		0.6744				5.8		20.0			
Trichlorofluoromethane	+++++ 0.6220	+++++ 0.6445	0.7179 0.6881	0.5785 0.7284	0.6410	Ave		0.6601			0.1000	8.2		20.0			
Pentane	+++++ 0.0602	+++++ 0.0597	0.0576 0.0615	0.0589 0.0651	0.0534	Ave		0.0595				6.0		20.0			
Ethanol	+++++ 0.2385	+++++ 0.2377	0.1288 0.2009	0.1942 0.1907	0.2416	Ave		0.2046				19.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Ethyl ether	+++++ 0.2369	+++++ 0.2444	0.3861 0.2493	0.2642 0.2457	0.2397	Ave		0.2666				20.0		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2576	+++++ 0.2808	0.3128 0.2749	0.2285 0.2774	0.2541	Ave		0.2694				9.8		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2813	+++++ 0.2824	0.3538 0.2891	0.2610 0.3044	0.2727	Ave		0.2921				10.4		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3949	+++++ 0.3975	0.5255 0.4085	0.3689 0.4403	0.4030	Ave		0.4198				12.2		20.0			
Acrolein	+++++ 0.0409	+++++ 0.0408	0.0556 0.0434	0.0381 0.0470	0.0423	Ave		0.0440				13.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroeth ane	+++++ 0.3341	+++++ 0.3357	0.3295 0.3408	0.3079 0.3428	0.2974	Ave		0.3269			0.1000	5.3		20.0			
1,1-Dichloroethene	+++++ 0.3064	+++++ 0.3119	0.3801 0.3112	0.2857 0.3171	0.2793	Ave		0.3131			0.1000	10.5		20.0			
Acetone	+++++ 0.0802	+++++ 0.0769	0.1405 0.0885	0.0884 0.0770	0.0821	QuaF		0.0934	-0.000007		0.0010				0.9990		0.9900
Isopropyl alcohol	+++++ 3.5409	+++++ 3.6755	4.6100 3.5442	3.4855 3.5897	3.1532	Ave		3.6570				12.3		20.0			
Iodomethane	+++++ 0.3174	+++++ 0.3837	0.2312 0.4032	0.3582 0.3602	0.2313	QuaF		0.4233	-0.000126						1.0000		0.9900
Carbon disulfide	+++++ 0.9289	+++++ 0.9617	1.2276 0.9787	0.8887 0.9789	0.8750	Ave		0.9771			0.1000	12.1		20.0			
3-Chloro-1-propene	+++++ 0.1784	+++++ 0.1796	0.2094 0.1564	0.1437 0.1647	0.1748	Ave		0.1724				12.1		20.0			
Methyl acetate	+++++ 0.1782	+++++ 0.1831	0.2547 0.1869	0.1802 0.1883	0.1808	Ave		0.1932			0.0500	14.2		20.0			
Acetonitrile	+++++ 1.3068	+++++ 1.0714	1.4892 0.6643	1.0512 +++++	1.0464	QuaF		1.2366	-0.000286						0.9990		0.9900
Cyclopentene	+++++ 0.8502	+++++ 0.8780	1.0923 0.8457	0.6982 0.8730	0.7837	Ave		0.8602				14.0		20.0			
Methylene Chloride	+++++ 0.3344	+++++ 0.3356	0.4017 0.3406	0.2640 0.3366	0.3244	Ave		0.3339			0.1000	12.0		20.0			
2-Methyl-2-propanol	+++++ 6.6284	+++++ 6.6860	9.1243 6.5846	6.2043 6.3228	6.1304	Ave		6.8115				15.3		20.0			
Methyl tert-butyl ether	+++++ 0.9940	+++++ 1.0388	1.0155 1.0731	0.7926 1.0425	0.9534	Ave		0.9871			0.1000	9.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
trans-1,2-Dichloroethene	+++++ 0.3468	+++++ 0.3526	0.3751 0.3514	0.3391 0.3518	0.3329	Ave		0.3500			0.1000	3.8		20.0			
Acrylonitrile	0.0835 0.0914	+++++ 0.0948	0.1167 0.1004	0.0768 0.0940	0.0920	Ave		0.0937				12.6		20.0			
Hexane	+++++ 0.3748	+++++ 0.3863	0.3803 0.4121	0.3456 0.4251	0.3171	Ave		0.3773				9.8		20.0			
Isopropyl ether	+++++ 0.8253	+++++ 0.8944	0.9514 0.8853	0.6741 0.8902	0.7881	Ave		0.8441				10.8		20.0			
1,1-Dichloroethane	+++++ 0.5961	+++++ 0.6191	0.7210 0.6212	0.5438 0.5836	0.5931	Ave		0.6111			0.2000	9.0		20.0			
Vinyl acetate	+++++ 2.0284	+++++ 1.7934	2.1572 1.1733	1.7501 +++++	1.7311	Ave		1.7723				19.1		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2990	+++++ 0.3125	0.3838 0.2968	0.2625 0.3025	0.2894	Ave		0.3066				12.2		20.0			
Tert-butyl ethyl ether	+++++ 0.9707	+++++ 1.0287	1.0729 1.0333	0.7615 1.0461	0.9060	Ave		0.9742				11.2		20.0			
2,2-Dichloropropane	+++++ 0.1219	+++++ 0.1301	0.1573 0.1347	0.1028 0.1175	0.1248	Ave		0.1270				13.2		20.0			
cis-1,2-Dichloroethene	+++++ 0.3774	+++++ 0.3914	0.4685 0.3953	0.3327 0.3751	0.3606	Ave		0.3859			0.1000	10.9		20.0			
2-Butanone (MEK)	+++++ 0.0380	+++++ 0.0354	+++++ 0.0390	0.0689 0.0352	0.0416	Lin2	0.1629	0.0361			0.0100				0.9980		0.9900
Ethyl acetate	+++++ 1.1071	+++++ 0.9322	1.0786 0.6012	0.8952 +++++	0.9706	Ave		0.9308				19.5		20.0			
Methyl acrylate	+++++ 0.2357	+++++ 0.2459	0.2793 0.2505	0.2977 0.2507	0.2469	Ave		0.2581				8.5		20.0			
Propionitrile	+++++ 0.0373	+++++ 0.0372	0.0439 0.0388	0.0319 0.0388	0.0358	Ave		0.0377				9.6		20.0			
Chlorobromomethane	+++++ 0.1698	+++++ 0.1775	0.2083 0.1752	0.1562 0.1696	0.1751	Ave		0.1760				9.0		20.0			
Tetrahydrofuran	+++++ 1.1327	+++++ 0.9327	1.1676 0.5978	0.7619 +++++	1.1551	QuaF		1.0732	-0.001189						0.9990		0.9900
Methacrylonitrile	+++++ 0.1229	+++++ 0.1296	0.1341 0.1284	0.0981 0.1110	0.1204	Ave		0.1206				10.3		20.0			
Chloroform	+++++ 0.6939	+++++ 0.7044	0.8794 0.7032	0.6181 0.6702	0.6729	Ave		0.7060			0.2000	11.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.6876	+++++ 0.7077	0.7886 0.7217	0.5986 0.6864	0.6692	Ave		0.6942			0.1000	8.3		20.0			
Cyclohexane	+++++ 0.4881	+++++ 0.5145	0.5426 0.5375	0.4664 0.5169	0.4384	Ave		0.5006			0.1000	7.6		20.0			
Carbon tetrachloride	+++++ 0.5795	+++++ 0.6133	0.6773 0.6348	0.4852 0.6144	0.5246	Ave		0.5899			0.1000	11.2		20.0			
1,1-Dichloropropene	+++++ 0.5139	+++++ 0.5386	0.6144 0.5345	0.4642 0.5317	0.4854	Ave		0.5261				9.1		20.0			
Isobutyl alcohol	+++++ 2.2040	+++++ 2.2952	3.7975 2.2630	2.1577 2.2383	2.0697	QuaF		2.2802	-0.000003						1.0000		0.9900
Benzene	+++++ 1.6721	1.7243 1.7015	2.1384 1.6701	1.4309 1.4928	1.5897	Ave		1.6775			0.5000	12.7		20.0			
Isooctane	+++++ 0.7182	+++++ 0.7436	0.6814 0.7555	0.6669 0.7533	0.6077	Ave		0.7038				7.8		20.0			
Isopropyl acetate	+++++ 0.1542	+++++ 0.1612	0.1973 0.1655	0.1303 0.1552	0.1510	Ave		0.1592				12.7		20.0			
1,2-Dichloroethane	+++++ 0.5487	0.7963 0.5628	0.7206 0.5775	0.5192 0.5214	0.5610	Ave		0.6009			0.1000	16.9		20.0			
Tert-amyl methyl ether	+++++ 0.9369	+++++ 1.0056	1.0236 1.0168	0.7050 0.9806	0.8871	Ave		0.9365				12.1		20.0			
n-Heptane	+++++ 0.2919	+++++ 0.2879	0.3563 0.3259	0.2572 0.3373	0.2542	Ave		0.3015				13.1		20.0			
n-Butanol	+++++ 1.5271	+++++ 1.5885	1.9917 1.6141	1.6569 1.6436	1.3442	Ave		1.6237				11.9		20.0			
Trichloroethene	+++++ 0.3936	0.4498 0.4020	0.5012 0.4050	0.3425 0.3939	0.3794	Ave		0.4084			0.2000	11.7		20.0			
Ethyl acrylate	+++++ 0.3519	+++++ 0.3748	0.4517 0.3877	0.2373 0.3824	0.3383	Ave		0.3606				18.1		20.0			
Methylcyclohexane	+++++ 0.5319	+++++ 0.5343	0.5690 0.5746	0.4471 0.5686	0.4447	Ave		0.5243			0.1000	10.7		20.0			
1,2-Dichloropropane	+++++ 0.3152	0.3222 0.3214	0.4140 0.3243	0.2937 0.3123	0.3175	Ave		0.3276			0.1000	11.1		20.0			
Methyl methacrylate	+++++ 0.0790	+++++ 0.0819	0.0864 0.0870	0.0645 0.0865	0.0749	Ave		0.0800				10.2		20.0			
1,4-Dioxane	+++++ 1.1636	+++++ 1.1986	1.1632 1.2540	1.0614 1.1807	1.0946	Ave		1.1595				5.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dibromomethane	+++++ 0.2292	+++++ 0.2337	0.2635 0.2314	0.2229 0.1924	0.2384	Ave		0.2302				9.2		20.0			
n-Propyl acetate	+++++ 0.3580	+++++ 0.3631	0.5474 0.4061	0.3706 0.3856	0.3548	Ave		0.3979				17.2		20.0			
Dichlorobromomethane	+++++ 0.5046	0.6953 0.5275	0.5576 0.5414	0.3834 0.5382	0.4652	Ave		0.5267			0.2000	16.8		20.0			
2-Nitropropane	+++++ 0.0842	+++++ 0.0905	0.1284 0.0948	0.0783 0.0978	0.0815	Ave		0.0936				18.0		20.0			
Epichlorohydrin	0.3860 0.5282	+++++ 0.4898	0.4889 0.3975	0.2586 0.2704	0.4423	QuaF		0.4874	-0.000022						1.0000		0.9900
cis-1,3-Dichloropropene	+++++ 0.7358	0.7654 0.7807	0.7968 0.7683	0.5785 0.7343	0.6774	Ave		0.7297			0.2000	9.8		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 0.2361	+++++ 0.2389	0.2643 0.2559	0.2124 0.2343	0.2225	Ave		0.2378			0.0500	7.5		20.0			
Toluene	+++++ 1.8246	+++++ 1.9083	2.4518 1.8516	1.6970 1.6928	1.7515	Ave		1.8825			0.4000	14.0		20.0			
trans-1,3-Dichloropropene	+++++ 0.6936	0.5754 0.7282	0.7732 0.7325	0.5297 0.7127	0.6061	Ave		0.6689			0.1000	13.0		20.0			
Ethyl methacrylate	+++++ 0.5063	+++++ 0.5230	0.5713 0.5224	0.4259 0.5008	0.4677	Ave		0.5025				9.1		20.0			
1,1,2-Trichloroethane	+++++ 0.3005	0.3446 0.3165	0.3562 0.3074	0.2547 0.2938	0.2989	Ave		0.3091			0.1000	10.2		20.0			
Tetrachloroethene	+++++ 0.5374	0.6946 0.5548	0.6717 0.5479	0.5280 0.5355	0.5433	Ave		0.5767			0.2000	11.5		20.0			
1,3-Dichloropropane	+++++ 0.6701	+++++ 0.6873	0.7995 0.6703	0.5577 0.6474	0.6296	Ave		0.6660				10.9		20.0			
2-Hexanone	+++++ 0.1642	+++++ 0.1651	0.2004 0.1787	0.1478 0.1660	0.1603	Ave		0.1689			0.0500	9.8		20.0			
n-Butyl acetate	+++++ 0.4561	+++++ 0.4754	0.7571 0.4646	0.4795 0.4591	0.4372	QuaF		0.4691	-0.000020						1.0000		0.9900
Chlorodibromomethane	+++++ 0.4704	0.3386 0.5026	0.4780 0.5193	0.3555 0.5090	0.4208	Ave		0.4493			0.1000	15.6		20.0			
Ethylene Dibromide	+++++ 0.4029	+++++ 0.4144	0.4691 0.4105	0.3421 0.3978	0.3726	Ave		0.4013			0.1000	9.8		20.0			
Chlorobenzene	+++++ 1.2250	+++++ 1.2646	1.4767 1.2408	1.1114 1.1957	1.1994	Ave		1.2448			0.5000	9.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.6817	+++++ 0.7023	0.8669 0.6996	0.5448 0.6650	0.6555	Ave		0.6880			0.1000	13.9		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4834	+++++ 0.5168	0.5464 0.5126	0.3714 0.4845	0.4523	Ave		0.4811				11.8		20.0			
m-Xylene & p-Xylene	+++++ 0.8098	+++++ 0.8454	0.9741 0.8274	0.7770 0.8116	0.7720	Ave		0.8310			0.1000	8.2		20.0			
n-Butyl acrylate	+++++ 0.2936	+++++ 0.2947	0.3265 0.2916	0.2485 0.2726	0.2564	Ave		0.2834				9.4		20.0			
o-Xylene	+++++ 0.7880	+++++ 0.8296	1.0074 0.7842	0.7066 0.7501	0.7552	Ave		0.8030			0.3000	12.2		20.0			
Styrene	+++++ 1.2861	+++++ 1.3432	1.4308 1.2831	1.1031 1.2093	1.1931	Ave		1.2641			0.3000	8.5		20.0			
Bromoform	+++++ 0.3089	+++++ 0.3341	0.3098 0.3601	0.2250 0.3540	0.2697	Ave		0.3088			0.1000	15.6		20.0			
Amyl acetate (mixed isomers)	+++++ 0.9086	+++++ 0.9421	0.8800 0.9649	1.0092 0.9398	0.8267	Ave		0.9245				6.4		20.0			
Isopropylbenzene	+++++ 1.9396	+++++ 1.9740	2.3781 1.9110	1.7101 1.7810	1.8141	Ave		1.9297			0.1000	11.3		20.0			
Bromobenzene	+++++ 0.9567	+++++ 0.9697	1.1047 0.9697	0.7993 0.9806	0.8861	Ave		0.9524				9.8		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7611	0.7372 0.7789	0.8422 0.8113	0.6054 0.7628	0.7138	Ave		0.7516			0.3000	9.5		20.0			
1,2,3-Trichloropropane	+++++ 0.2872	+++++ 0.2945	0.3582 0.2993	0.2645 0.2737	0.2767	Ave		0.2934				10.6		20.0			
N-Propylbenzene	+++++ 4.2369	+++++ 4.3543	4.8305 4.2387	3.5970 3.6529	3.8587	Ave		4.1098				10.6		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2386	+++++ 0.2569	0.3068 0.2900	0.2247 0.2669	0.2262	Ave		0.2586				12.2		20.0			
2-Chlorotoluene	+++++ 3.0573	+++++ 3.1490	3.5568 3.0628	2.7522 2.7354	2.8064	Ave		3.0172				9.6		20.0			
4-Ethyltoluene	+++++ 3.5417	+++++ 3.6203	3.8963 3.4901	3.1487 3.1780	3.2060	Ave		3.4402				8.1		20.0			
1,3,5-Trimethylbenzene	+++++ 3.0777	+++++ 3.1342	3.4094 3.0912	2.8273 2.7441	2.8710	Ave		3.0221				7.5		20.0			
4-Chlorotoluene	+++++ 2.9964	+++++ 2.9662	3.4891 2.8579	2.5386 2.5978	2.7065	Ave		2.8789				11.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.8863	+++++ 0.9193	0.9127 0.9215	0.7652 0.9064	0.7624	Ave		0.8677				8.3		20.0			
tert-Butylbenzene	+++++ 2.5775	+++++ 2.6091	3.2305 2.5705	2.3193 2.3622	2.3615	Ave		2.5758				12.1		20.0			
1,2,4-Trimethylbenzene	+++++ 3.1314	+++++ 3.1869	3.6819 3.1357	2.7748 2.7586	2.9031	Ave		3.0818				10.3		20.0			
sec-Butylbenzene	+++++ 3.4945	+++++ 3.5891	4.1022 3.4721	3.0914 3.1040	3.2036	Ave		3.4367				10.3		20.0			
1,3-Dichlorobenzene	+++++ 1.6810	+++++ 1.7337	2.0063 1.7200	1.5461 1.5337	1.5925	Ave		1.6876			0.6000	9.6		20.0			
4-Isopropyltoluene	+++++ 3.1296	+++++ 3.1960	3.6875 3.0716	2.8786 2.5741	2.8691	Ave		3.0581				11.3		20.0			
1,4-Dichlorobenzene	+++++ 1.7011	+++++ 1.7212	2.0951 1.7292	1.7052 1.6210	1.5713	Ave		1.7349			0.5000	9.8		20.0			
1,2,3-Trimethylbenzene	+++++ 3.1924	+++++ 3.2279	3.8692 3.0542	2.9583 2.7162	2.8114	Ave		3.1185				12.2		20.0			
Benzyl chloride	+++++ 1.6579	+++++ 1.7369	1.7784 1.8077	1.2908 1.7311	1.4223	Ave		1.6322				12.1		20.0			
Indan	+++++ 2.6426	+++++ 2.6462	3.1310 2.5779	2.2724 2.3990	2.3734	Ave		2.5775				11.0		20.0			
p-Diethylbenzene	+++++ 1.7952	+++++ 1.8064	2.2884 1.7472	1.5928 1.5883	1.6210	Ave		1.7770				13.7		20.0			
n-Butylbenzene	+++++ 1.4955	+++++ 1.5130	1.6326 1.4514	1.2980 1.2942	1.3571	Ave		1.4345				8.7		20.0			
1,2-Dichlorobenzene	+++++ 1.5314	+++++ 1.5423	1.8581 1.5374	1.4957 1.4478	1.4419	Ave		1.5507			0.4000	9.1		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.6936	+++++ 2.7638	3.0565 2.6367	2.6413 2.3688	2.4272	Ave		2.6554				8.5		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1854	+++++ 0.1872	0.1586 0.1992	0.1494 0.1874	0.1662	Ave		0.1762			0.0500	10.3		20.0			
1,3,5-Trichlorobenzene	+++++ 1.0723	+++++ 1.1073	1.2442 1.0683	1.0448 1.0434	0.9939	Ave		1.0820				7.3		20.0			
1,2,4-Trichlorobenzene	+++++ 0.8483	+++++ 0.8951	1.1314 0.9136	1.0038 0.8795	0.7740	Ave		0.9208			0.2000	12.6		20.0			
Hexachlorobutadiene	+++++ 0.4679	+++++ 0.4846	0.6502 0.4915	0.9502 0.4749	0.4203	QuaF		0.4997	-0.000049						1.0000		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.9539	+++++ 2.0491	2.4911 2.1899	2.6307 2.0321	1.8357	Ave		2.1689				13.4		20.0			
1,2,3-Trichlorobenzene	+++++ 0.7175	+++++ 0.7335	0.8796 0.7596	0.9694 0.7422	0.6276	Ave		0.7757				14.6		20.0			
Dibromofluoromethane (Surr)	0.2839 0.2859	0.3015 0.2859	0.2947 0.2827	0.2972 0.2764	0.2913	Ave		0.2888				2.7		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3571 0.3602	0.3861 0.3612	0.3680 0.3841	0.3725 0.3739	0.3675	Ave		0.3701				2.8		20.0			
Toluene-d8 (Surr)	1.2284 1.2238	1.2210 1.2309	1.2299 1.2061	1.2170 1.1912	1.2271	Ave		1.2195				1.1		20.0			
4-Bromofluorobenzene	0.4384 0.4327	0.4528 0.4334	0.4449 0.4346	0.4454 0.4350	0.4476	Ave		0.4405				1.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1032501/4	T689603.D
Level 2	STD9 460-1032501/3	T689602.D
Level 3	STD05 460-1032501/5	T689604.D
Level 4	STD1 460-1032501/18	T689617.D
Level 5	STD5 460-1032501/7	T689606.D
Level 6	STD20 460-1032501/8	T689607.D
Level 7	STD50 460-1032501/9	T689608.D
Level 8	STD200 460-1032501/10	T689609.D
Level 9	STD500 460-1032501/11	T689610.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++	+++++	411	646	3466	+++++	+++++	0.500	1.00	5.00
			14218	35328	202666	+++++		20.0	50.0	200	+++++	
Dichlorodifluoromethane	FB	Ave	+++++	+++++	2606	3890	24087	+++++	+++++	0.500	1.00	5.00
			94998	236331	1219947	3219952		20.0	50.0	200	500	
Chlorodifluoromethane	FB	Qua2	+++++	+++++	553	690	3239	+++++	+++++	0.500	1.00	5.00
			12861	33724	152022	418403		20.0	50.0	200	500	
Chloromethane	FB	Ave	+++++	+++++	2361	3749	19808	+++++	+++++	0.500	1.00	5.00
			75810	187158	864414	2335577		20.0	50.0	200	500	
Vinyl chloride	FB	Ave	+++++	+++++	2200	2836	17868	+++++	+++++	0.500	1.00	5.00
			70317	173133	733423	1887889		20.0	50.0	200	500	
Butadiene	FB	Ave	953	+++++	2293	3027	17023	0.250	+++++	0.500	1.00	5.00
			65136	159498	689210	1836498		20.0	50.0	200	500	
Bromomethane	FB	Qua2	+++++	+++++	2067	2396	10145	+++++	+++++	0.500	1.00	5.00
			38888	107444	483882	+++++		20.0	50.0	200	+++++	
Chloroethane	FB	Ave	+++++	+++++	1288	1934	11005	+++++	+++++	0.500	1.00	5.00
			41917	108921	454451	1121679		20.0	50.0	200	500	
Dichlorofluoromethane	FB	Ave	+++++	+++++	3886	6042	34508	+++++	+++++	0.500	1.00	5.00
			137061	351948	1470528	3792998		20.0	50.0	200	500	
Trichlorofluoromethane	FB	Ave	+++++	+++++	3730	5610	32839	+++++	+++++	0.500	1.00	5.00
			132214	342456	1488737	4007752		20.0	50.0	200	500	
Pentane	FB	Ave	+++++	+++++	599	1143	5473	+++++	+++++	1.00	2.00	10.0
			25577	63474	266110	716272		40.0	100	400	1000	
Ethanol	TBAd9	Ave	+++++	+++++	113	304	2274	+++++	+++++	20.0	40.0	200
			8885	22113	83355	201376		800	2000	8000	20000	
Ethyl ether	FB	Ave	+++++	+++++	2006	2562	12282	+++++	+++++	0.500	1.00	5.00
			50362	129877	539375	1351929		20.0	50.0	200	500	
2-Methyl-1,3-butadiene	FB	Ave	+++++	+++++	1625	2216	13017	+++++	+++++	0.500	1.00	5.00
			54760	149202	594732	1526457		20.0	50.0	200	500	
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++	+++++	1838	2531	13971	+++++	+++++	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			59784	150067	625410	1674908		20.0	50.0	200	500	
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 83948	+++++ 211197	2730 883871	3578 2422598	20647	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Acrolein	FB	Ave	+++++ 17370	+++++ 43307	1156 93917	1479 206878	8664	+++++ 40.0	+++++ 100	2.00 200	4.00 400	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 71025	+++++ 178393	1712 737316	2986 1885957	15235	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1-Dichloroethene	FB	Ave	+++++ 65132	+++++ 165753	1975 673298	2771 1744392	14312	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Acetone	FB	QuaF	+++++ 85280	+++++ 204241	3651 956790	4287 2117247	21032	+++++ 100	+++++ 250	2.50 1000	5.00 2500	25.0
Isopropyl alcohol	TBAd9	Ave	+++++ 32976	+++++ 85481	1011 367565	1364 947722	7420	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Iodomethane	FB	QuaF	+++++ 67463	+++++ 203860	1201 872270	3474 1982029	11853	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Carbon disulfide	FB	Ave	+++++ 197440	+++++ 510991	6378 2117365	8619 5385585	44830	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
3-Chloro-1-propene	FB	Ave	+++++ 37924	+++++ 95420	1088 338276	1394 906323	8958	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methyl acetate	FB	Ave	+++++ 75777	+++++ 194604	2647 808861	3496 2072409	18530	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
Acetonitrile	BUT	QuaF	+++++ 91299	+++++ 230405	2927 928609	3787 +++++	19681	+++++ 200	+++++ 500	5.00 2000	10.0 +++++	50.0
Cyclopentene	FB	Ave	+++++ 180729	+++++ 466551	5675 1829678	6771 4803013	40154	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methylene Chloride	FB	Ave	+++++ 71077	+++++ 178304	2087 736904	2560 1851915	16622	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2-Methyl-2-propanol	TBAd9	Ave	+++++ 61729	+++++ 155496	2001 682889	2428 1669310	14426	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 211277	+++++ 551984	5276 2321701	7687 5735426	48846	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
trans-1,2-Dichloroethene	FB	Ave	+++++ 73715	+++++ 187379	1949 760317	3289 1935741	17057	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Acrylonitrile	FB	Ave	1834 194313	+++++ 503477	6063 2172172	7448 5169956	47149	2.00 200	+++++ 500	5.00 2000	10.0 5000	50.0
Hexane	FB	Ave	+++++ 79671	+++++ 205270	1976 891527	3352 2338995	16247	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Isopropyl ether	FB	Ave	+++++ 175434	+++++ 475245	4943 1915337	6538 4897839	40379	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1-Dichloroethane	FB	Ave	+++++	+++++	3746	5274	30389	+++++	+++++	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			126702	328968	1343921	3210765		20.0	50.0	200	500	
Vinyl acetate	BUT	Ave	+++++ 28343	+++++ 77138	848 328017	1261 +++++	6512	+++++ 40.0	+++++ 100	1.00 400	2.00 +++++	10.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 63555	+++++ 166032	1994 642162	2546 1664060	14827	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Tert-butyl ethyl ether	FB	Ave	+++++ 206338	+++++ 546632	5574 2235401	7385 5755269	46420	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2,2-Dichloropropane	FB	Ave	+++++ 25903	+++++ 69111	817 291416	997 646317	6396	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
cis-1,2-Dichloroethene	FB	Ave	+++++ 80228	+++++ 207988	2434 855121	3227 2063607	18473	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2-Butanone (MEK)	FB	Lin2	+++++ 40382	+++++ 94182	+++++ 421524	3339 968908	10664	+++++ 100	+++++ 250	+++++ 1000	5.00 2500	25.0
Ethyl acetate	BUT	Ave	+++++ 15470	+++++ 40093	424 168069	645 +++++	3651	+++++ 40.0	+++++ 100	1.00 400	2.00 +++++	10.0
Methyl acrylate	FB	Ave	+++++ 50094	+++++ 130664	1451 541839	2887 1379274	12650	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Propionitrile	FB	Ave	+++++ 79386	+++++ 197513	2280 839748	3090 2135120	18346	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Chlorobromomethane	FB	Ave	+++++ 36086	+++++ 94337	1082 379138	1515 933118	8969	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Tetrahydrofuran	BUT	QuaF	+++++ 15828	+++++ 40115	459 167127	549 +++++	4345	+++++ 40.0	+++++ 100	1.00 400	2.00 +++++	10.0
Methacrylonitrile	FB	Ave	+++++ 261143	+++++ 688463	6965 2778505	9511 6106856	61701	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Chloroform	FB	Ave	+++++ 147500	+++++ 374282	4569 1521381	5994 3687529	34477	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1,1-Trichloroethane	FB	Ave	+++++ 146153	+++++ 376021	4097 1561375	5805 3776581	34285	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Cyclohexane	FB	Ave	+++++ 103747	+++++ 273372	2819 1162798	4523 2843674	22460	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Carbon tetrachloride	FB	Ave	+++++ 123190	+++++ 325873	3519 1373402	4706 3380613	26877	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1-Dichloropropene	FB	Ave	+++++ 109237	+++++ 286168	3192 1156437	4502 2925140	24867	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Isobutyl alcohol	TBAd9	QuaF	+++++ 51314	+++++ 133450	2082 586742	2111 1477353	12176	+++++ 500	+++++ 1250	12.5 5000	25.0 12500	125
Benzene	CBNZd5	Ave	+++++ 285664	2877 726065	8939 2991829	11328 6965587	65982	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Isooctane	FB	Ave	+++++	+++++	3540	6468	31133	+++++	+++++	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			152662	395127	1634500	4144735		20.0	50.0	200	500	
Isopropyl acetate	FB	Ave	+++++ 32778	+++++ 85633	1025 357961	1264 853774	7738	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dichloroethane	FB	Ave	+++++ 116627	1609 299029	3744 1249486	5035 2868826	28741	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Tert-amyl methyl ether	FB	Ave	+++++ 199158	+++++ 534351	5318 2199817	6837 5395143	45449	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Heptane	FB	Ave	+++++ 62039	+++++ 152981	1851 705077	2494 1855782	13023	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Butanol	TBAd9	Ave	+++++ 35554	+++++ 92359	1092 418503	1621 1084849	7908	+++++ 500	+++++ 1250	12.5 5000	25.0 12500	125
Trichloroethene	FB	Ave	+++++ 83668	909 213633	2604 876115	3322 2167214	19437	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Ethyl acrylate	FB	Ave	+++++ 74811	+++++ 199179	2347 838728	2301 2103817	17332	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methylcyclohexane	FB	Ave	+++++ 113056	+++++ 283884	2956 1243036	4336 3128546	22786	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dichloropropane	FB	Ave	+++++ 67006	651 170760	2151 701530	2848 1718274	16267	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Methyl methacrylate	FB	Ave	+++++ 33584	+++++ 87031	898 376460	1252 951640	7680	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
1,4-Dioxane	DXE	Ave	+++++ 15879	+++++ 41426	881 177593	1424 424998	3536	+++++ 400	+++++ 1000	25.0 4000	50.0 10000	100
Dibromomethane	FB	Ave	+++++ 48719	+++++ 124171	1369 500561	2162 1058833	12213	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Propyl acetate	FB	Ave	+++++ 76093	+++++ 192933	2844 878630	3594 2121318	18180	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Dichlorobromomethane	FB	Ave	+++++ 107262	1405 280268	2897 1171333	3718 2961375	23834	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
2-Nitropropane	FB	Ave	+++++ 35801	+++++ 96150	1334 410405	1518 1075897	8355	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
Epichlorohydrin	BUT	QuaF	1254 73807	+++++ 210658	1922 1111384	1863 2157491	16639	5.00 400	+++++ 1000	10.0 4000	20.0 10000	100
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 125708	1277 333151	3331 1376332	4580 3426484	28118	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
4-Methyl-2-pentanone (MIBK)	FB	Ave	+++++ 250918	+++++ 634719	6865 2768194	10299 6445032	57008	+++++ 100	+++++ 250	2.50 1000	5.00 2500	25.0
Toluene	CBNZd5	Ave	+++++ 311710	+++++ 814335	10249 3317112	13434 7898826	72698	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-325502-1 Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 Calibration End Date: 04/19/2025 10:26 Calibration ID: 100632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 118496	960 310736	3232 1312155	4193 3325817	25158	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Ethyl methacrylate	CBNZd5	Ave	+++++ 86501	+++++ 223186	2388 935765	3372 2336638	19412	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 51342	575 135070	1489 550678	2016 1371012	12407	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Tetrachloroethene	CBNZd5	Ave	+++++ 91802	1159 236740	2808 981598	4180 2498700	22551	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
1,3-Dichloropropane	CBNZd5	Ave	+++++ 114485	+++++ 293289	3342 1200805	4415 3021085	26132	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2-Hexanone	FB	Ave	+++++ 174517	+++++ 438594	5205 1933181	7166 4565427	41073	+++++ 100	+++++ 250	2.50 1000	5.00 2500	25.0
n-Butyl acetate	CBNZd5	QuaF	+++++ 77920	+++++ 202874	3165 832390	3796 2142229	18147	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Chlorodibromomethane	CBNZd5	Ave	+++++ 80354	565 214453	1998 930365	2814 2375111	17466	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Ethylene Dibromide	CBNZd5	Ave	+++++ 68839	+++++ 176826	1961 735353	2708 1856213	15463	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Chlorobenzene	CBNZd5	Ave	+++++ 209282	+++++ 539642	6173 2222774	8798 5579502	49784	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Ethylbenzene	CBNZd5	Ave	+++++ 116456	+++++ 299700	3624 1253337	4313 3103152	27205	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 82588	+++++ 220520	2284 918302	2940 2260610	18775	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 138340	+++++ 360771	4072 1482198	6151 3786907	32044	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Butyl acrylate	CBNZd5	Ave	+++++ 50161	+++++ 125744	1365 522354	1967 1271937	10642	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
o-Xylene	CBNZd5	Ave	+++++	+++++	4211	5594	31344	+++++	+++++	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			134621	354000	1404800	3499955		20.0	50.0	200	500	
Styrene	CBNZd5	Ave	+++++	+++++	5981	8733	49519	+++++	+++++	0.500	1.00	5.00
			219706	573177	2298657	5642739		20.0	50.0	200	500	
Bromoform	CBNZd5	Ave	+++++	+++++	1295	1781	11196	+++++	+++++	0.500	1.00	5.00
			52773	142557	645107	1651613		20.0	50.0	200	500	
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++	+++++	2209	4823	20650	+++++	+++++	0.500	1.00	5.00
			90266	235621	996065	2472243		20.0	50.0	200	500	
Isopropylbenzene	CBNZd5	Ave	+++++	+++++	9941	13538	75296	+++++	+++++	0.500	1.00	5.00
			331362	842348	3423422	8310458		20.0	50.0	200	500	
Bromobenzene	DCBd4	Ave	+++++	+++++	2773	3820	22136	+++++	+++++	0.500	1.00	5.00
			95050	242540	1001047	2579612		20.0	50.0	200	500	
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++	747	2114	2893	17832	+++++	0.200	0.500	1.00	5.00
			75616	194814	837496	2006773		20.0	50.0	200	500	
1,2,3-Trichloropropane	DCBd4	Ave	+++++	+++++	899	1264	6913	+++++	+++++	0.500	1.00	5.00
			28536	73653	309013	719970		20.0	50.0	200	500	
N-Propylbenzene	DCBd4	Ave	+++++	+++++	12125	17190	96392	+++++	+++++	0.500	1.00	5.00
			420926	1089042	4375748	9609683		20.0	50.0	200	500	
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++	+++++	770	1074	5650	+++++	+++++	0.500	1.00	5.00
			23706	64249	299377	702194		20.0	50.0	200	500	
2-Chlorotoluene	DCBd4	Ave	+++++	+++++	8928	13153	70105	+++++	+++++	0.500	1.00	5.00
			303740	787593	3161875	7196099		20.0	50.0	200	500	
4-Ethyltoluene	DCBd4	Ave	+++++	+++++	9780	15048	80086	+++++	+++++	0.500	1.00	5.00
			351867	905466	3602974	8360288		20.0	50.0	200	500	
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++	+++++	8558	13512	71717	+++++	+++++	0.500	1.00	5.00
			305764	783884	3191172	7218793		20.0	50.0	200	500	
4-Chlorotoluene	DCBd4	Ave	+++++	+++++	8758	12132	67609	+++++	+++++	0.500	1.00	5.00
			297686	741873	2950320	6833967		20.0	50.0	200	500	
Butyl Methacrylate	DCBd4	Ave	+++++	+++++	2291	3657	19045	+++++	+++++	0.500	1.00	5.00
			88055	229919	951248	2384520		20.0	50.0	200	500	
tert-Butylbenzene	DCBd4	Ave	+++++	+++++	8109	11084	58990	+++++	+++++	0.500	1.00	5.00
			256067	652557	2653616	6214336		20.0	50.0	200	500	
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++	+++++	9242	13261	72519	+++++	+++++	0.500	1.00	5.00
			311103	797066	3237132	7257116		20.0	50.0	200	500	
sec-Butylbenzene	DCBd4	Ave	+++++	+++++	10297	14774	80026	+++++	+++++	0.500	1.00	5.00
			347173	897651	3584350	8165784		20.0	50.0	200	500	
1,3-Dichlorobenzene	DCBd4	Ave	+++++	+++++	5036	7389	39782	+++++	+++++	0.500	1.00	5.00
			167007	433623	1775599	4034778		20.0	50.0	200	500	
4-Isopropyltoluene	DCBd4	Ave	+++++	+++++	9256	13757	71671	+++++	+++++	0.500	1.00	5.00
			310925	799349	3170892	6771732		20.0	50.0	200	500	

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 169000	+++++ 430487	5259 1785162	8149 4264378	39251	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 317158	+++++ 807319	9712 3152959	14138 7145365	70230	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Benzyl chloride	DCBd4	Ave	+++++ 164712	+++++ 434413	4464 1866112	6169 4553900	35530	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Indan	DCBd4	Ave	+++++ 262537	+++++ 661826	7859 2661275	10860 6311089	59289	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
p-Diethylbenzene	DCBd4	Ave	+++++ 178347	+++++ 451783	5744 1803681	7612 4178285	40494	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Butylbenzene	DCBd4	Ave	+++++ 148576	+++++ 378407	4098 1498348	6203 3404693	33900	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 152147	+++++ 385734	4664 1587118	7148 3808654	36019	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 267601	+++++ 691256	7672 2721922	12623 6231685	60631	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 18424	+++++ 46816	398 205682	714 493093	4152	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 106531	+++++ 276934	3123 1102856	4993 2744851	24828	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 84275	+++++ 223864	2840 943178	4797 2313726	19335	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Hexachlorobutadiene	DCBd4	QuaF	+++++ 46481	+++++ 121198	1632 507438	4541 1249396	10499	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Naphthalene	DCBd4	Ave	+++++ 194119	+++++ 512494	6253 2260757	12572 5345922	45856	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 71286	+++++ 183448	2208 784207	4633 1952496	15678	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Dibromofluoromethane (Surr)	FB	Ave	155912 151916	152286 151934	153113 152919	144129 152069	149261	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	196160 191427	195069 191908	191193 207769	180646 205721	188309	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	536613 522698	509300 525245	514136 540146	481708 555828	509309	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	191505 184804	188854 184940	185975 194655	176296 202983	185783	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-325502-1 | Analy Batch No.: 1032501

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/19/2025 04:43 | Calibration End Date: 04/19/2025 10:26 | Calibration ID: 100632

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1032501/4	T689603.D
Level 2	STD9 460-1032501/3	T689602.D
Level 3	STD05 460-1032501/5	T689604.D
Level 4	STD1 460-1032501/18	T689617.D
Level 5	STD5 460-1032501/7	T689606.D
Level 6	STD20 460-1032501/8	T689607.D
Level 7	STD50 460-1032501/9	T689608.D
Level 8	STD200 460-1032501/10	T689609.D
Level 9	STD500 460-1032501/11	T689610.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
2-Butanone (MEK)	+++++	+++++	+++++	0.5						30		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Lims ID: STD9
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 19-Apr-2025 04:43:38 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD9
Misc. Info.: 460-0189481-003
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:08:05 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 09:12:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.625	3.620	0.005	93	42347	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.899	4.899	0.000	26	212708	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.471	0.000	95	152286	50.0	52.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.890	5.885	0.005	93	195069	50.0	52.2	
60 Benzene	78	5.895	5.895	0.000	43	2877	0.2000	0.2056	
61 1,2-Dichloroethane	62	5.969	5.979	-0.010	36	1609	0.2000	0.2650	
* 65 Fluorobenzene	96	6.231	6.231	0.000	98	505169	50.0	50.0	
67 Trichloroethene	95	6.655	6.666	-0.011	39	909	0.2000	0.2203	
71 1,2-Dichloropropane	63	6.996	6.986	0.010	26	651	0.2000	0.1967	
* 73 1,4-Dioxane-d8	96	7.049	7.054	-0.005	1	30511	1000.0	1000.0	
77 Dichlorobromomethane	83	7.327	7.321	0.005	12	1405	0.2000	0.2641	M
81 cis-1,3-Dichloropropene	75	7.940	7.935	0.005	45	1277	0.2000	0.2098	
$ 83 Toluene-d8 (Surr)	98	8.249	8.249	0.000	97	509300	50.0	50.1	
85 trans-1,3-Dichloropropene	75	8.737	8.737	0.000	38	960	0.2000	0.1720	
87 1,1,2-Trichloroethane	83	8.999	8.994	0.005	8	575	0.2000	0.2230	
88 Tetrachloroethene	166	9.093	9.099	-0.006	46	1159	0.2000	0.2409	
91 Chlorodibromomethane	129	9.544	9.529	0.015	1	565	0.2000	0.1507	a
* 94 Chlorobenzene-d5	117	10.409	10.415	-0.006	87	417122	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	90	188854	50.0	51.4	
107 1,1,2,2-Tetrachloroethane	83	12.344	12.355	-0.011	28	747	0.2000	0.1962	M
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	96	253323	50.0	50.0	
S 140 Total BTEX	1				0		1.00	0.2056	
S 139 1,3-Dichloropropene, Total	1				0		0.4000	0.3818	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00203	Amount Added:	2.00	Units: uL	
GASES Li_00637	Amount Added:	2.00	Units: uL	
14DIOXINTER_00183	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00136	Amount Added:	0.00	Units: uL	
Ethanol mix_00100	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00160	Amount Added:	0.00	Units: uL	
MIX I Hi_00187	Amount Added:	0.00	Units: uL	
7 Freons Hi_00026	Amount Added:	0.00	Units: uL	
GAS Hi_00493	Amount Added:	0.00	Units: uL	
524FREONS_00033	Amount Added:	0.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:08:07 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D

Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15

Lims ID: STD9

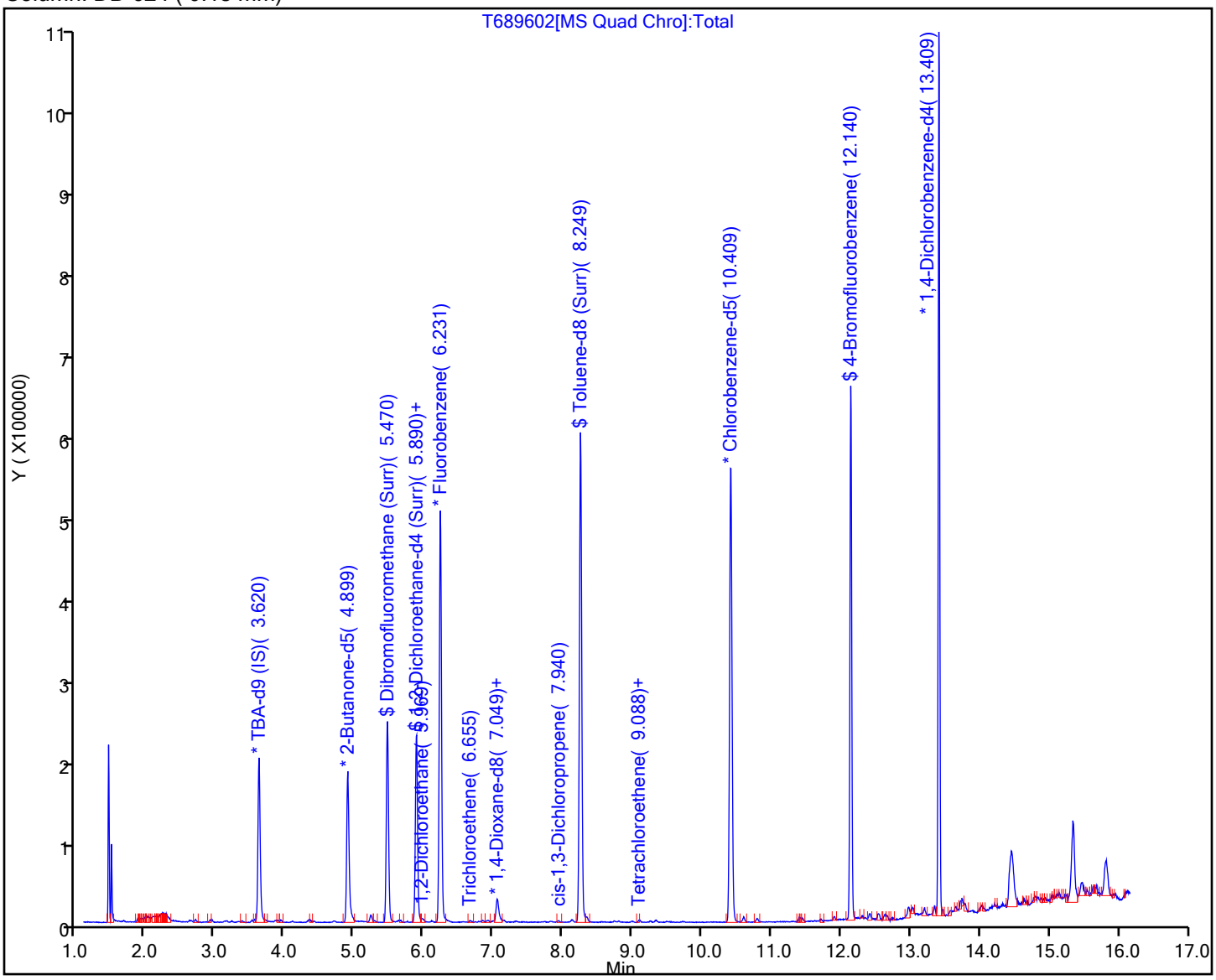
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

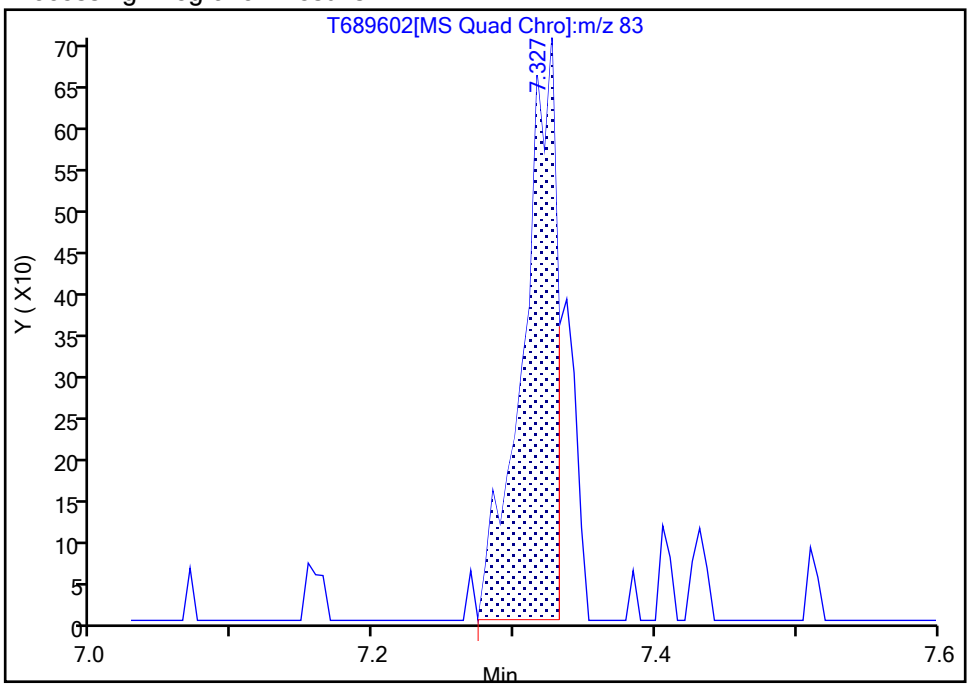
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

77 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

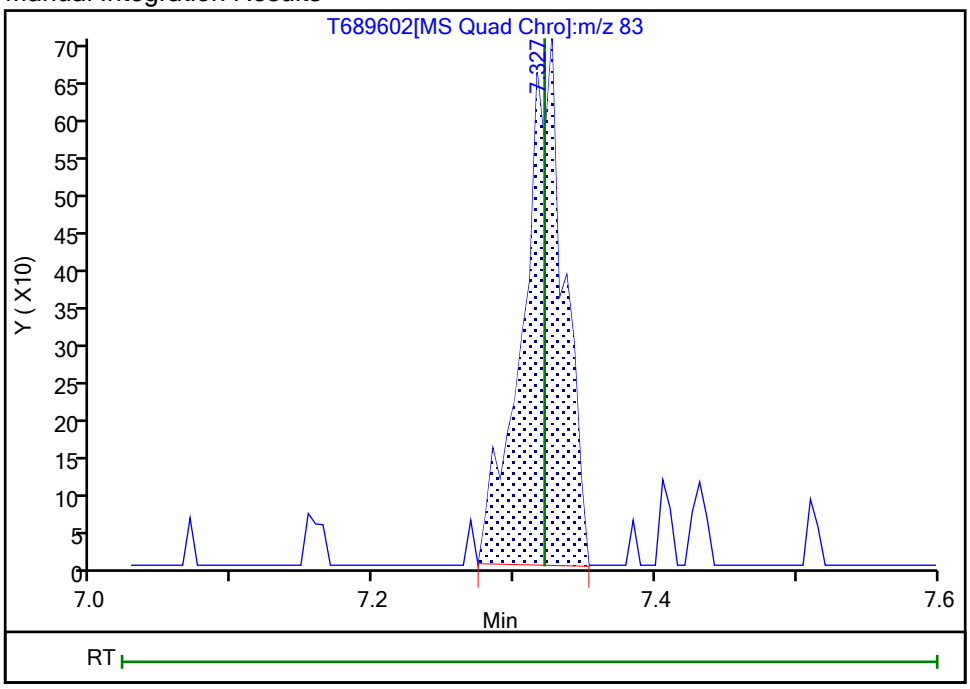
Processing Integration Results

RT: 7.33
Area: 1162
Amount: 0.218532
Amount Units: ug/l



Manual Integration Results

RT: 7.33
Area: 1405
Amount: 0.264050
Amount Units: ug/l



Reviewer: FK2C, 19-Apr-2025 09:17:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

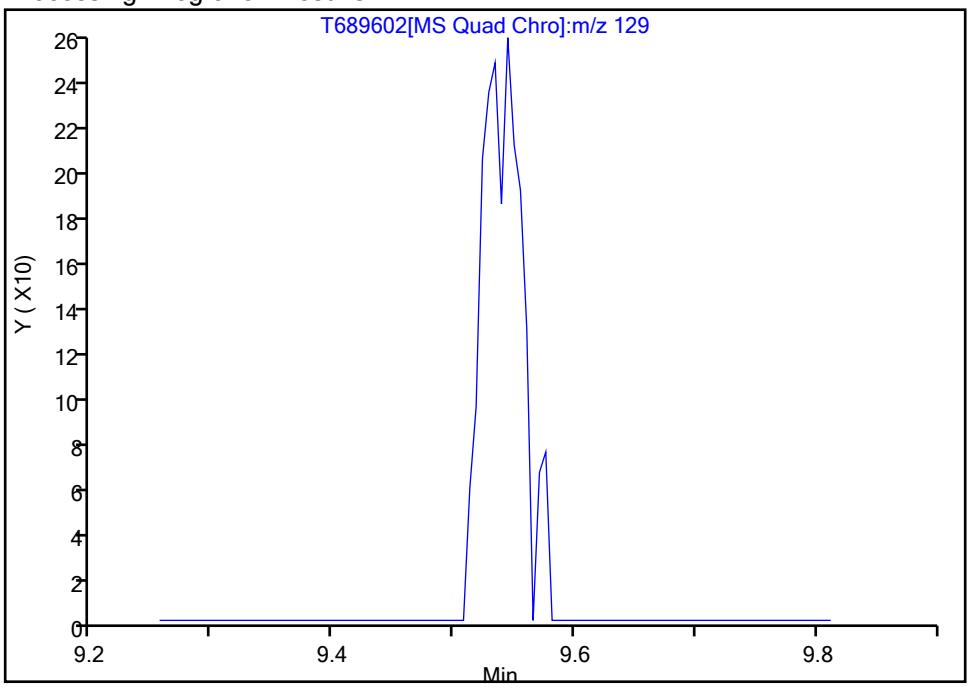
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

91 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

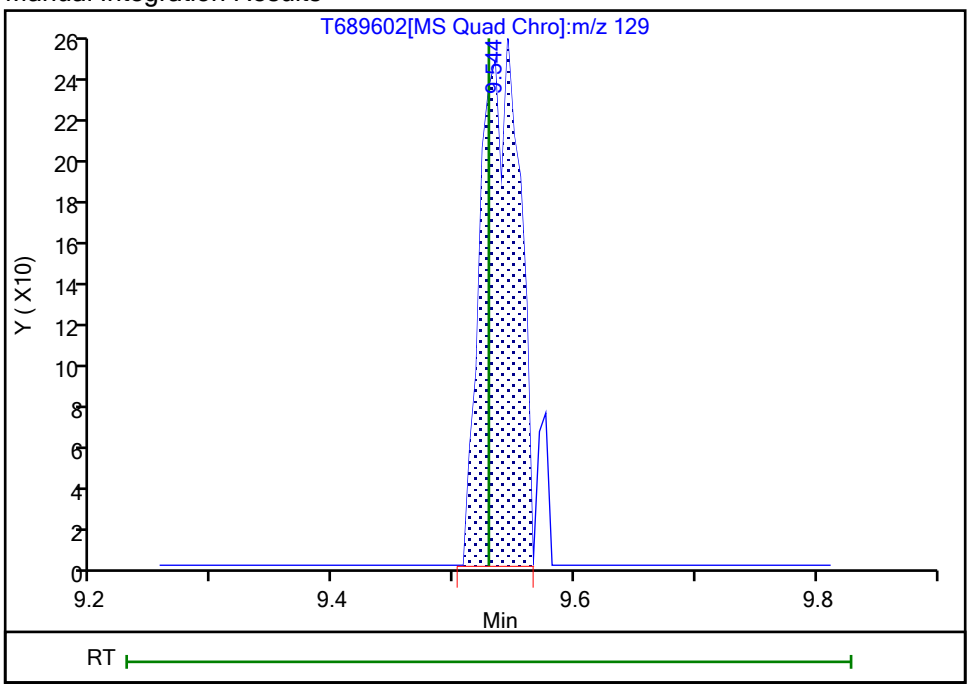
Not Detected
Expected RT: 9.53

Processing Integration Results



Manual Integration Results

RT: 9.54
Area: 565
Amount: 0.150749
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 12:55:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

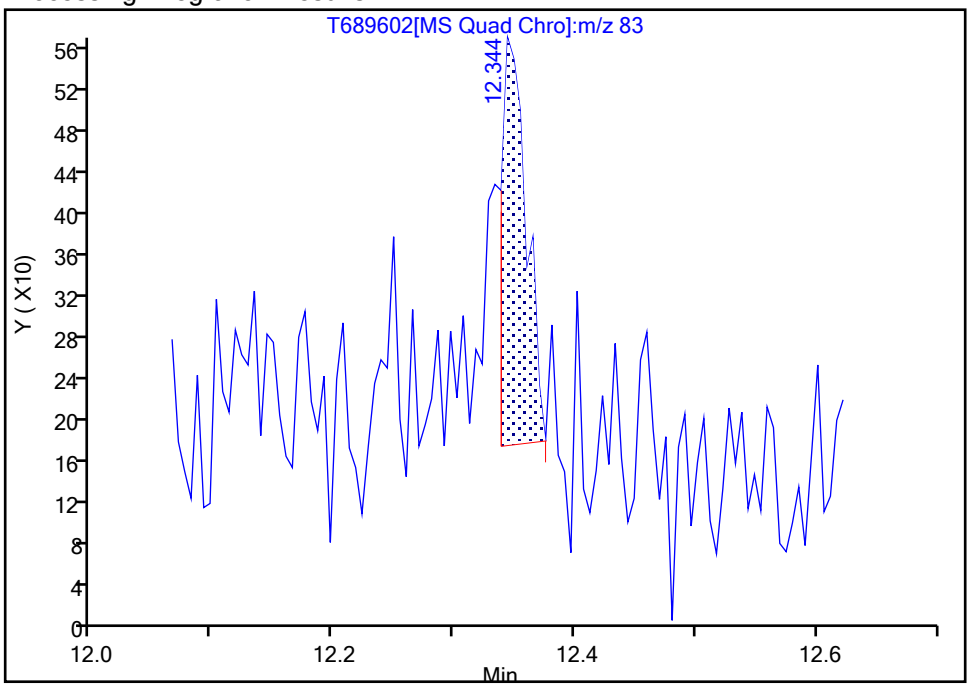
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

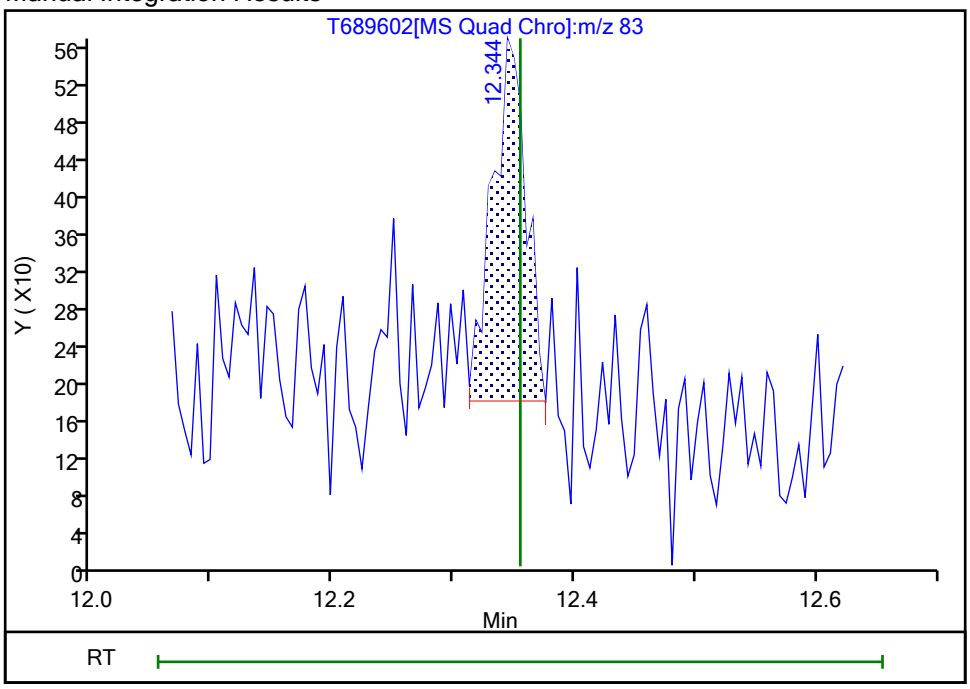
Processing Integration Results

RT: 12.34
Area: 558
Amount: 0.143719
Amount Units: ug/l



Manual Integration Results

RT: 12.34
Area: 747
Amount: 0.196171
Amount Units: ug/l



Reviewer: FK2C, 19-Apr-2025 09:18:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

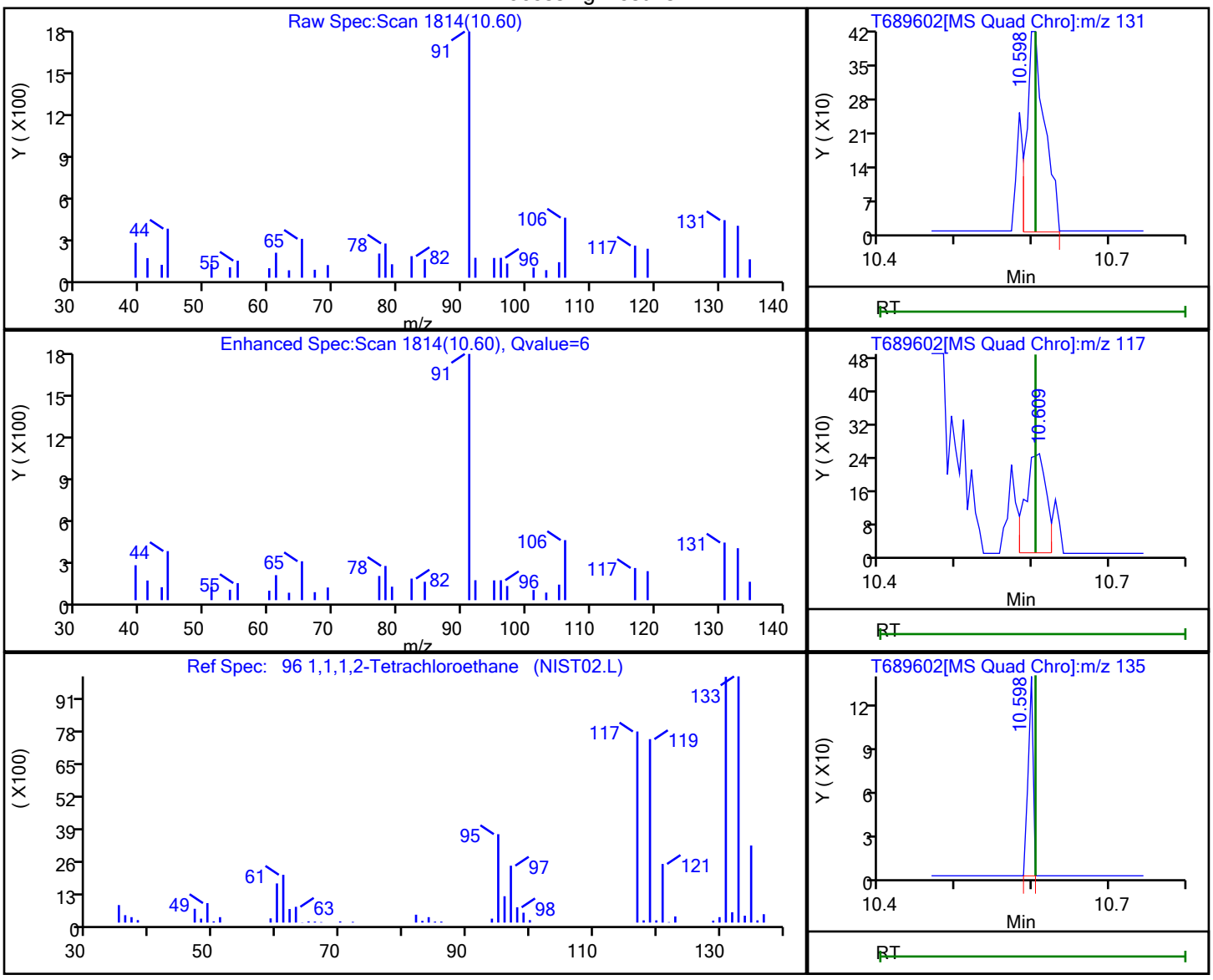
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
10.60	131.00	676	0.153238
10.61	117.00	461	
10.60	135.00	60	

Reviewer: FK2C, 19-Apr-2025 09:17:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

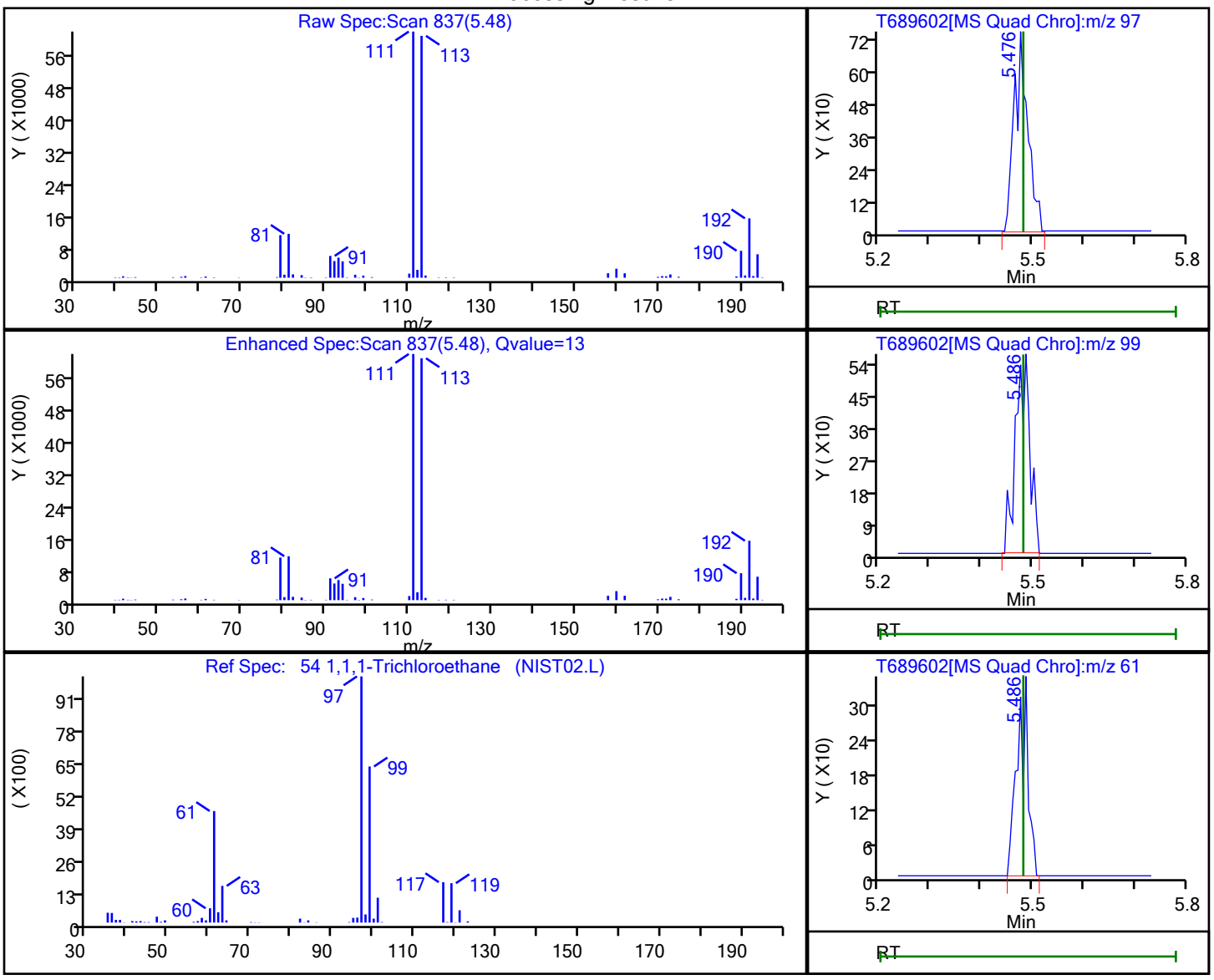
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

54 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
5.48	97.00	1377	0.191363
5.49	99.00	1108	
5.49	61.00	500	

Reviewer: FK2C, 19-Apr-2025 09:16:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

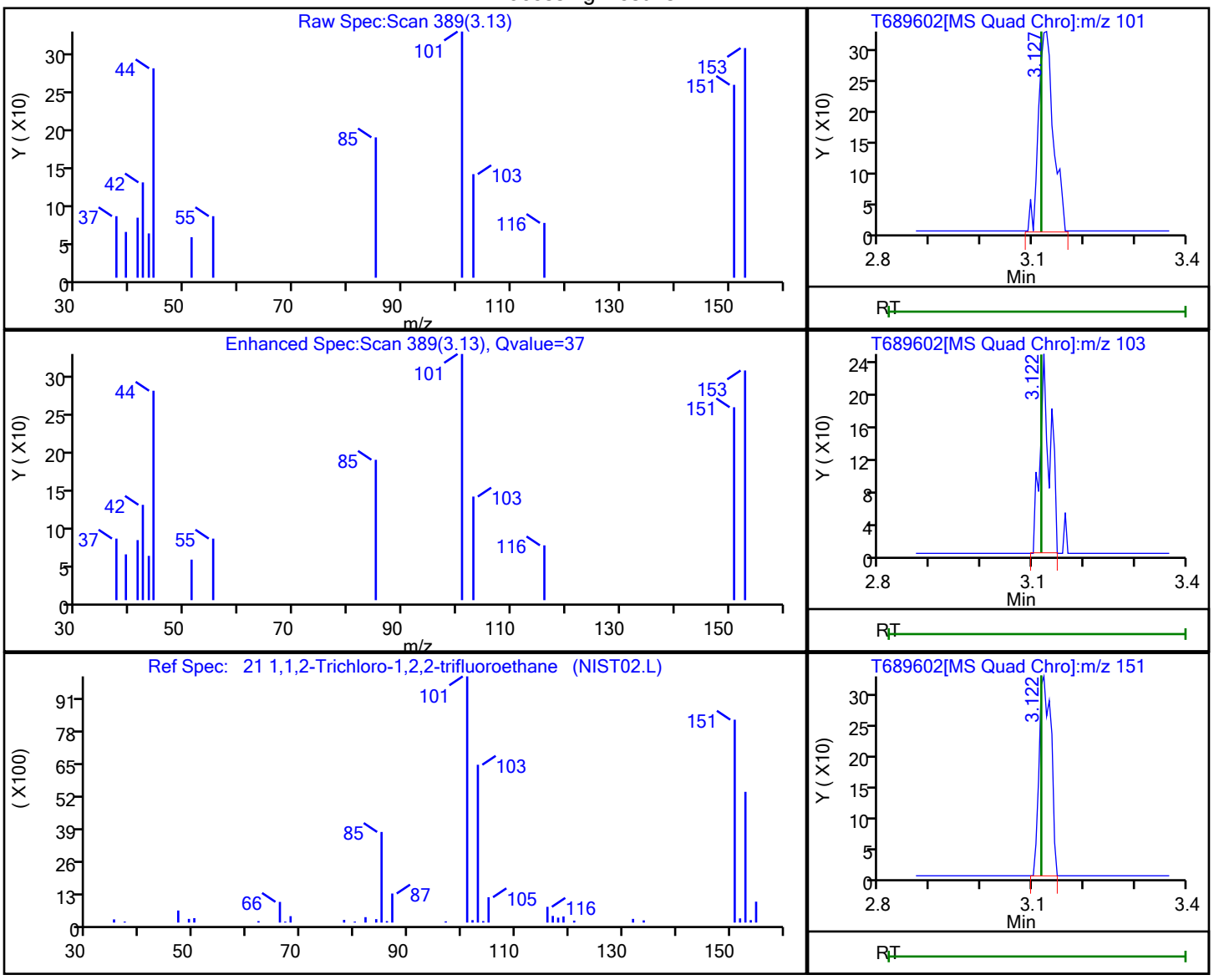
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
3.13	101.00	661	0.199831
3.12	103.00	342	
3.12	151.00	521	
3.13	85.00	267	

Reviewer: FK2C, 19-Apr-2025 09:14:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

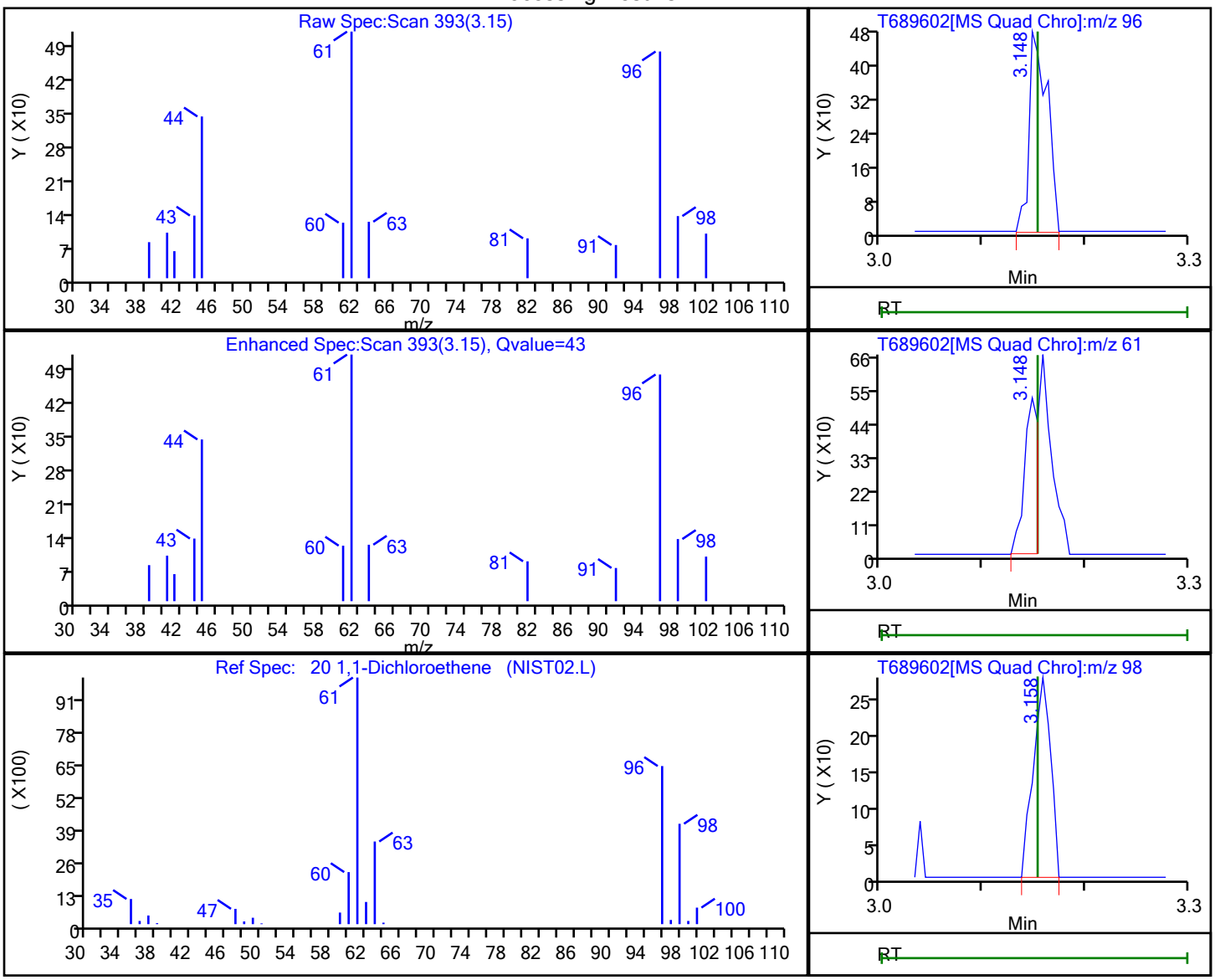
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
3.15	96.00	588	0.183944
3.15	61.00	497	
3.16	98.00	329	
3.16	63.00	372	

Reviewer: FK2C, 19-Apr-2025 09:14:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

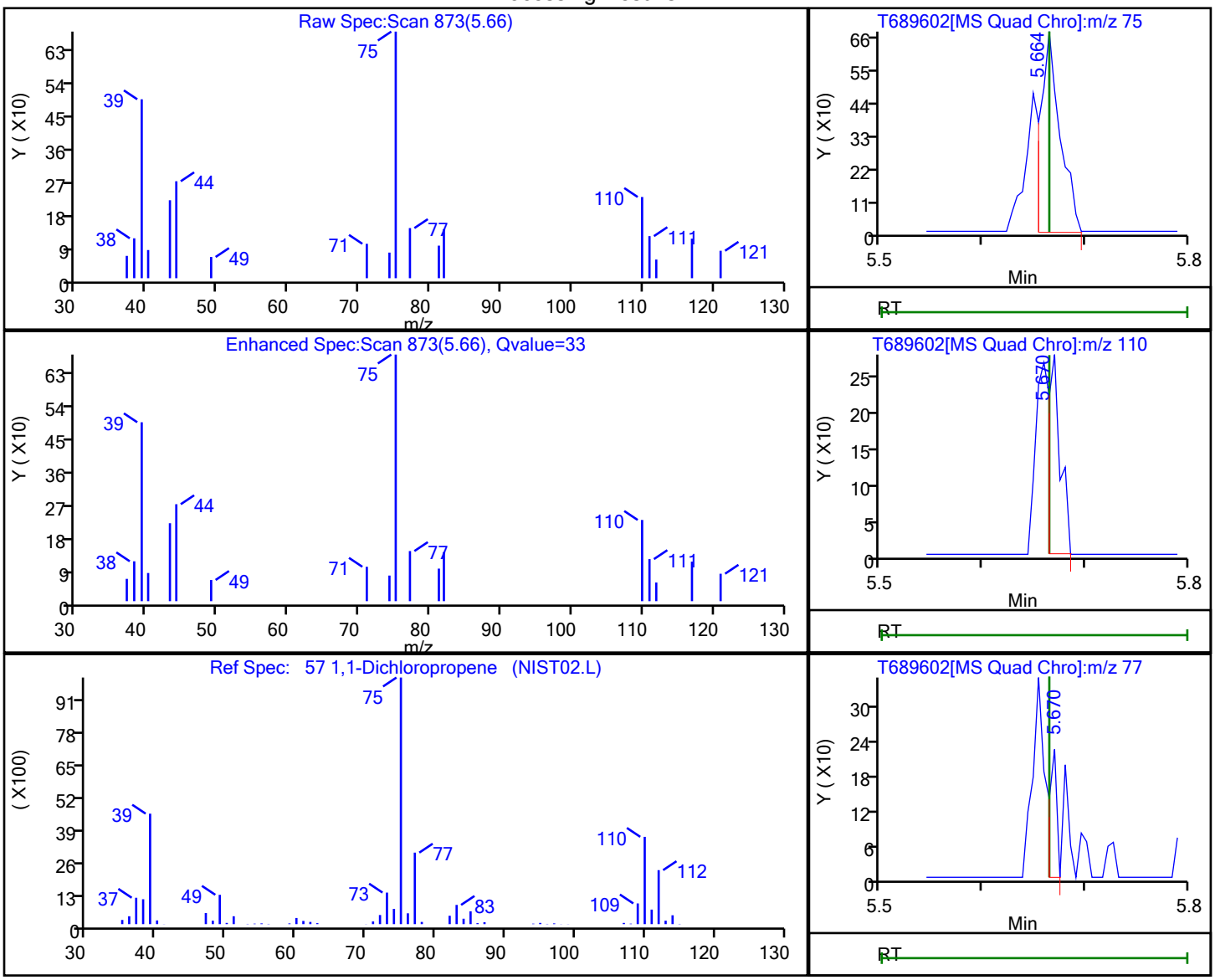
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
5.66	75.00	877	0.164301
5.67	110.00	229	
5.67	77.00	113	

Reviewer: FK2C, 19-Apr-2025 09:16:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

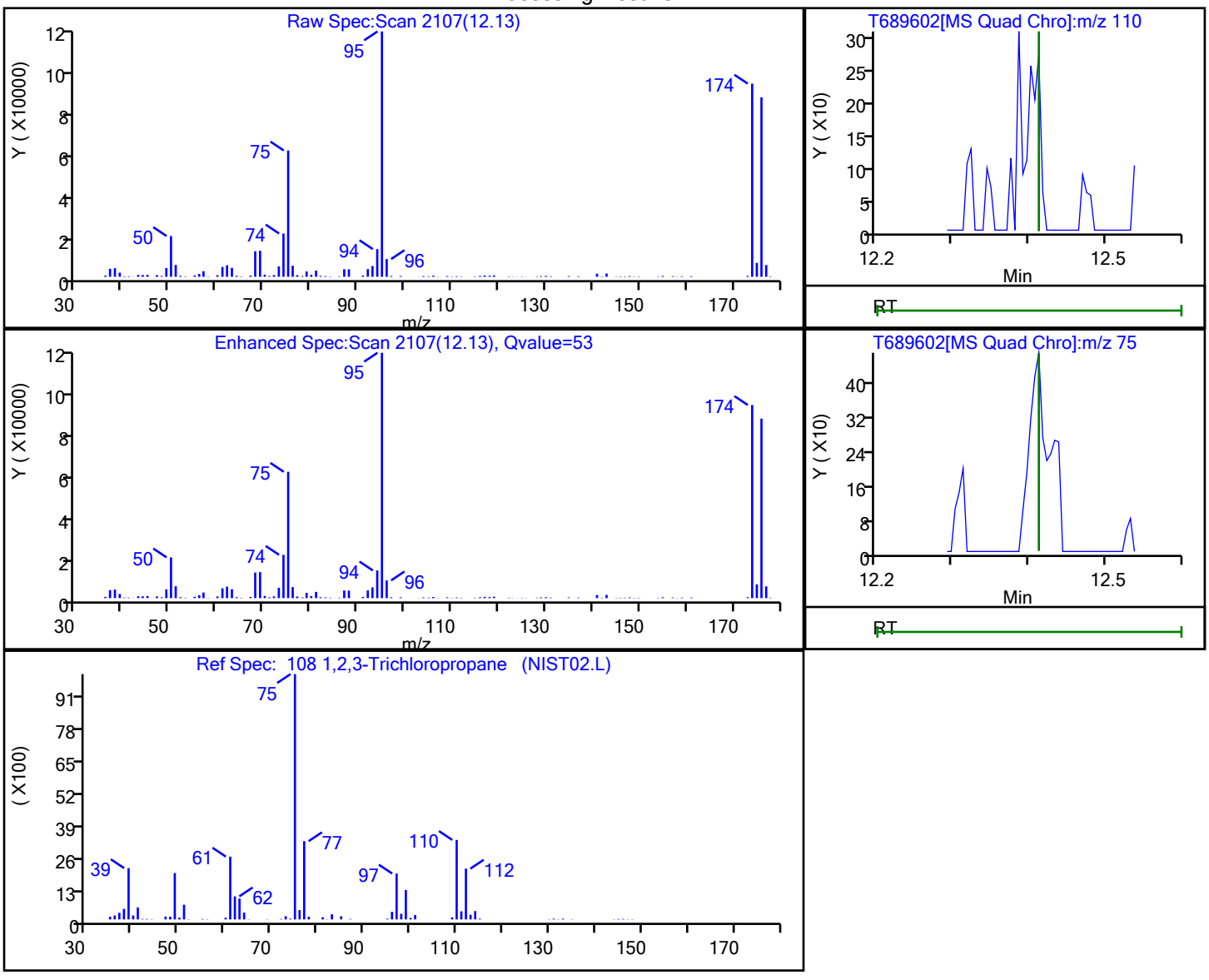
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

108 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
12.13	110.00	162	0.102052
12.14	75.00	118266	

Reviewer: FK2C, 19-Apr-2025 09:18:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

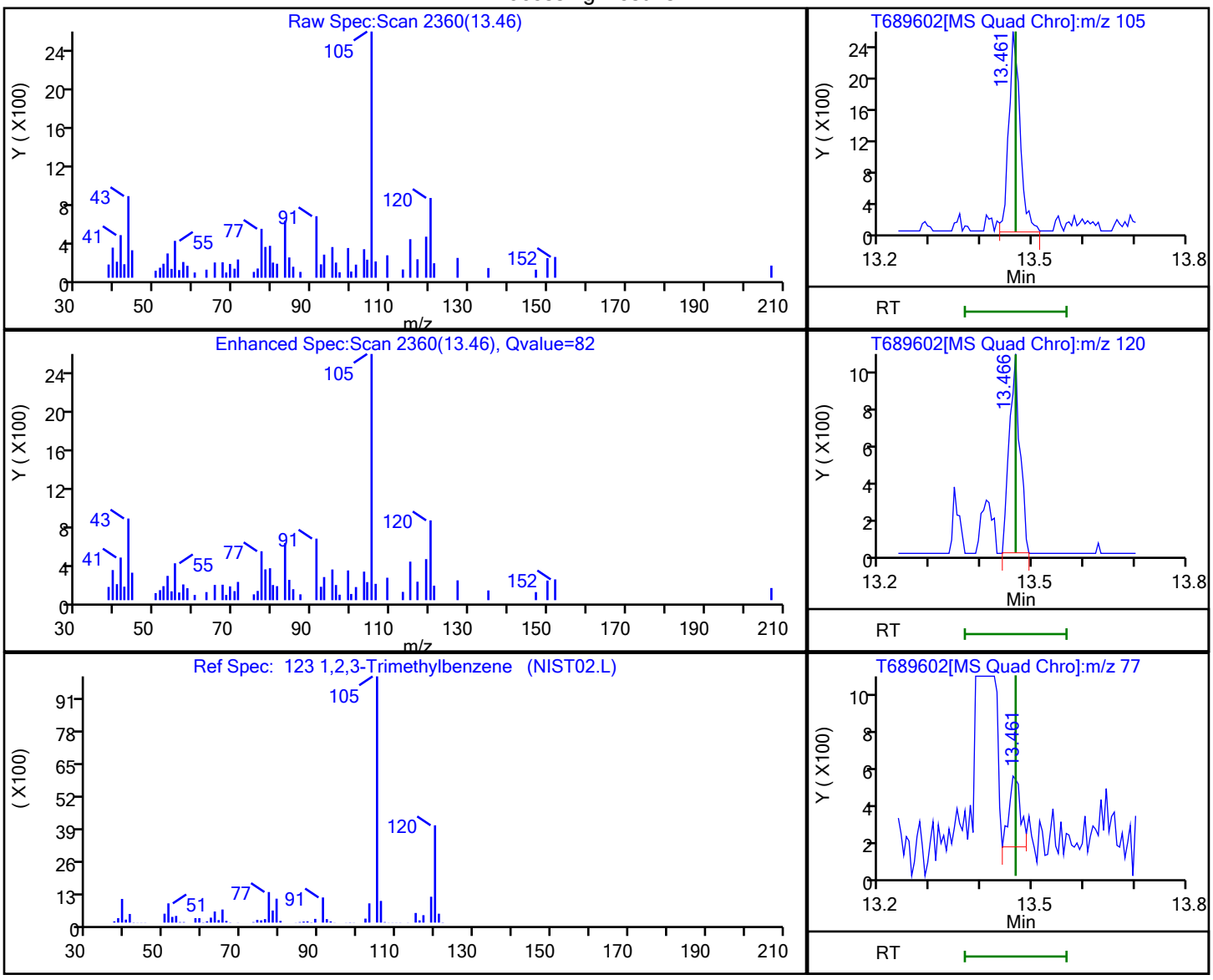
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
13.46	105.00	3865	0.234265
13.47	120.00	1492	
13.46	77.00	576	

Reviewer: FK2C, 19-Apr-2025 09:18:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

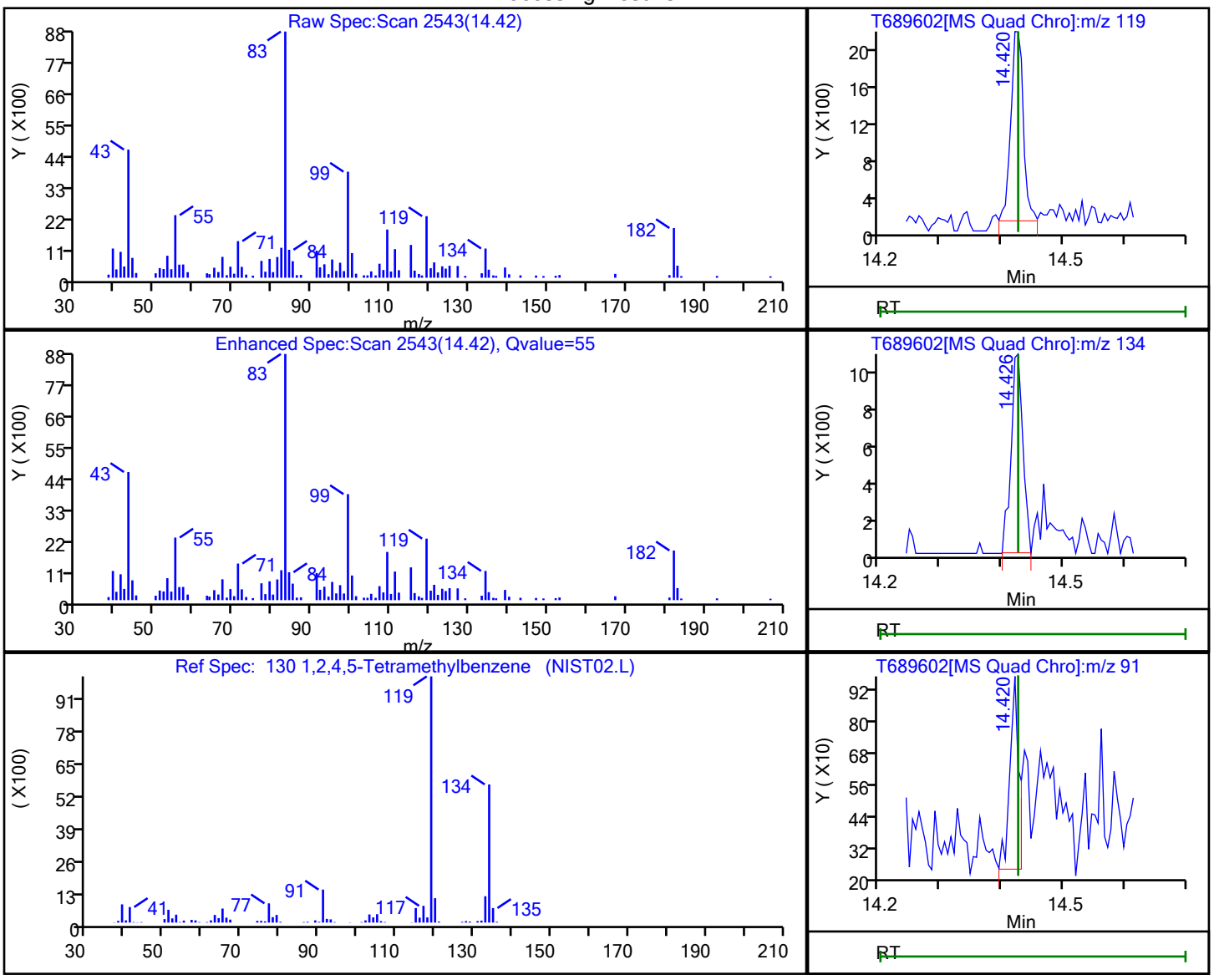
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
14.42	119.00	2931	0.214017
14.43	134.00	1429	
14.42	91.00	745	

Reviewer: FK2C, 19-Apr-2025 09:18:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

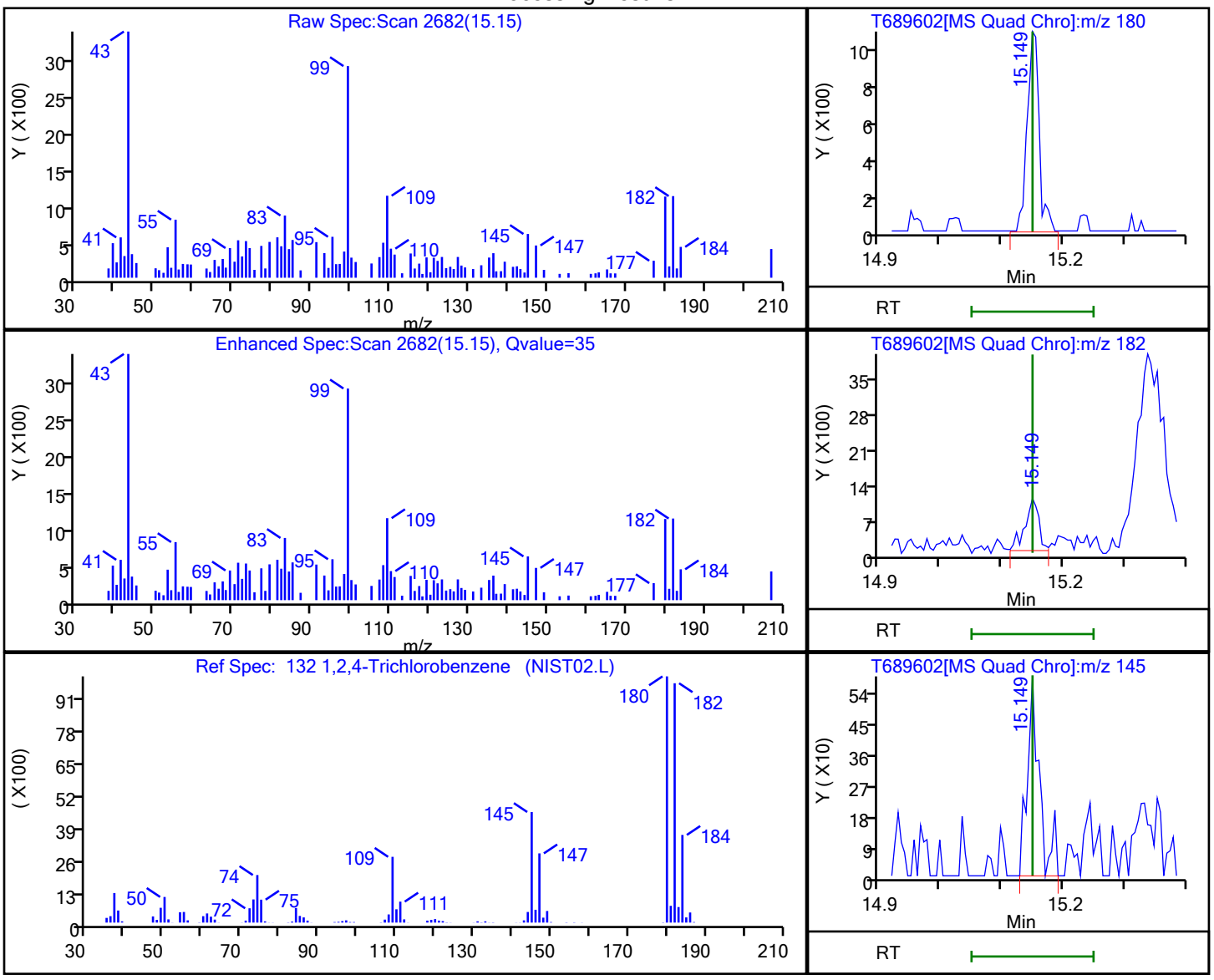
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
15.15	180.00	1490	0.316481
15.15	182.00	1599	
15.15	145.00	820	

Reviewer: FK2C, 19-Apr-2025 09:18:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

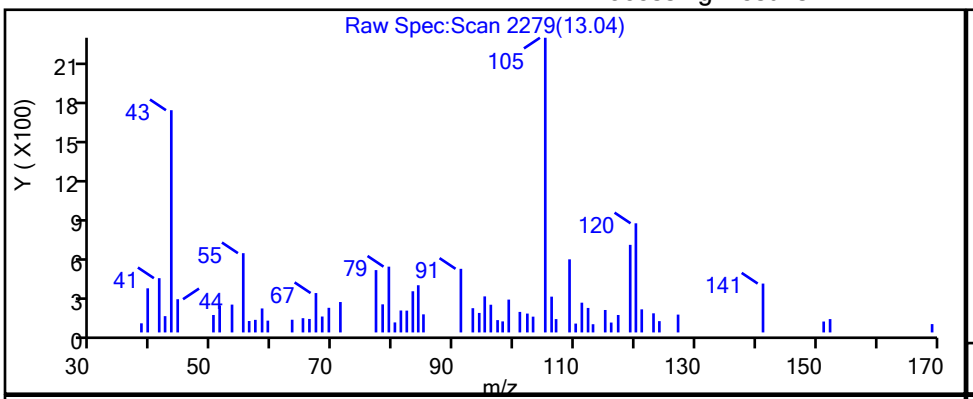
User Disabled Compound Report

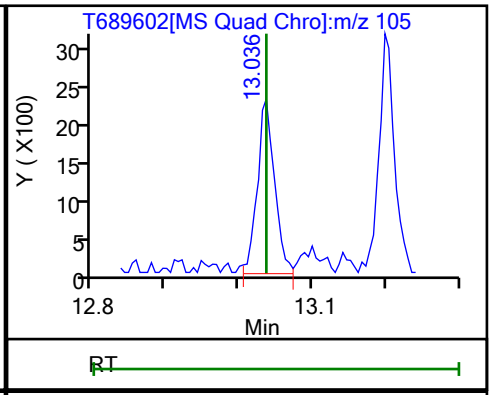
Eurofins Edison

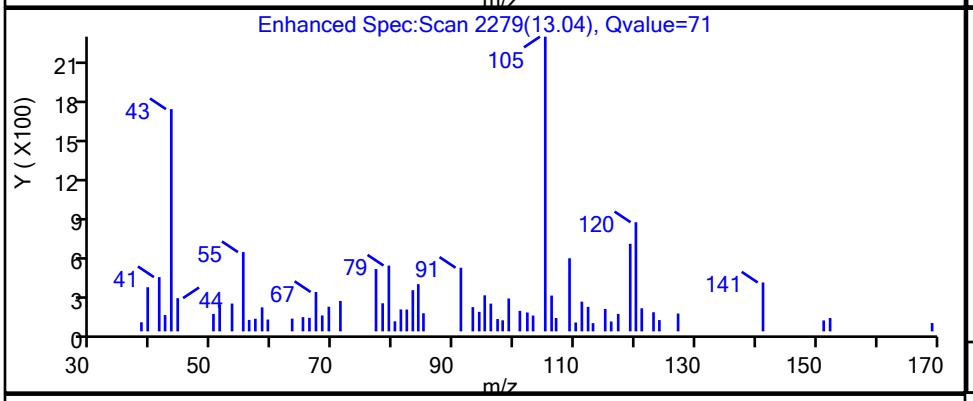
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

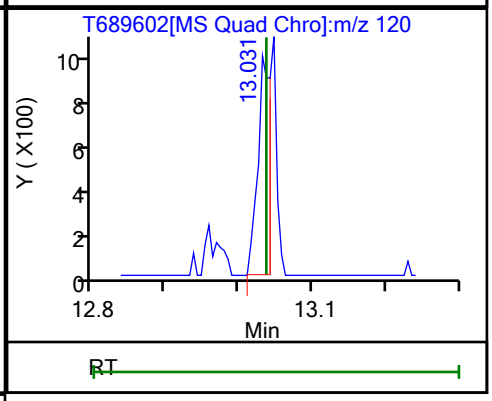
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

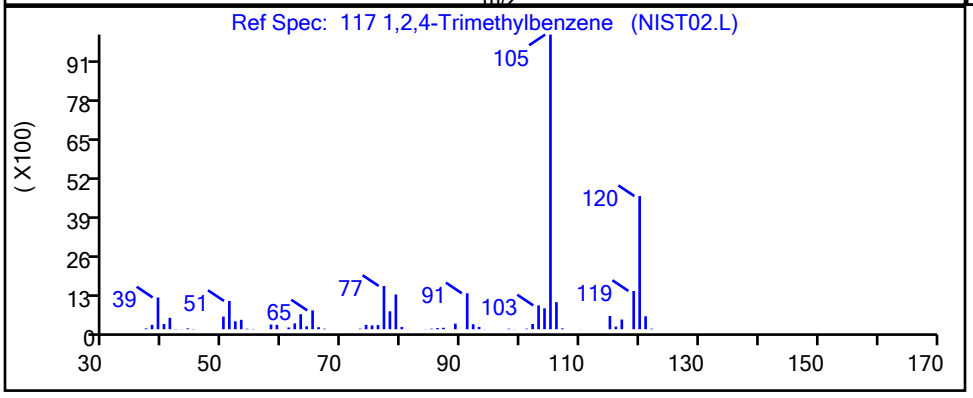
Processing Results











RT	Mass	Response	Amount
13.04	105.00	3717	0.228223
13.03	120.00	1124	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

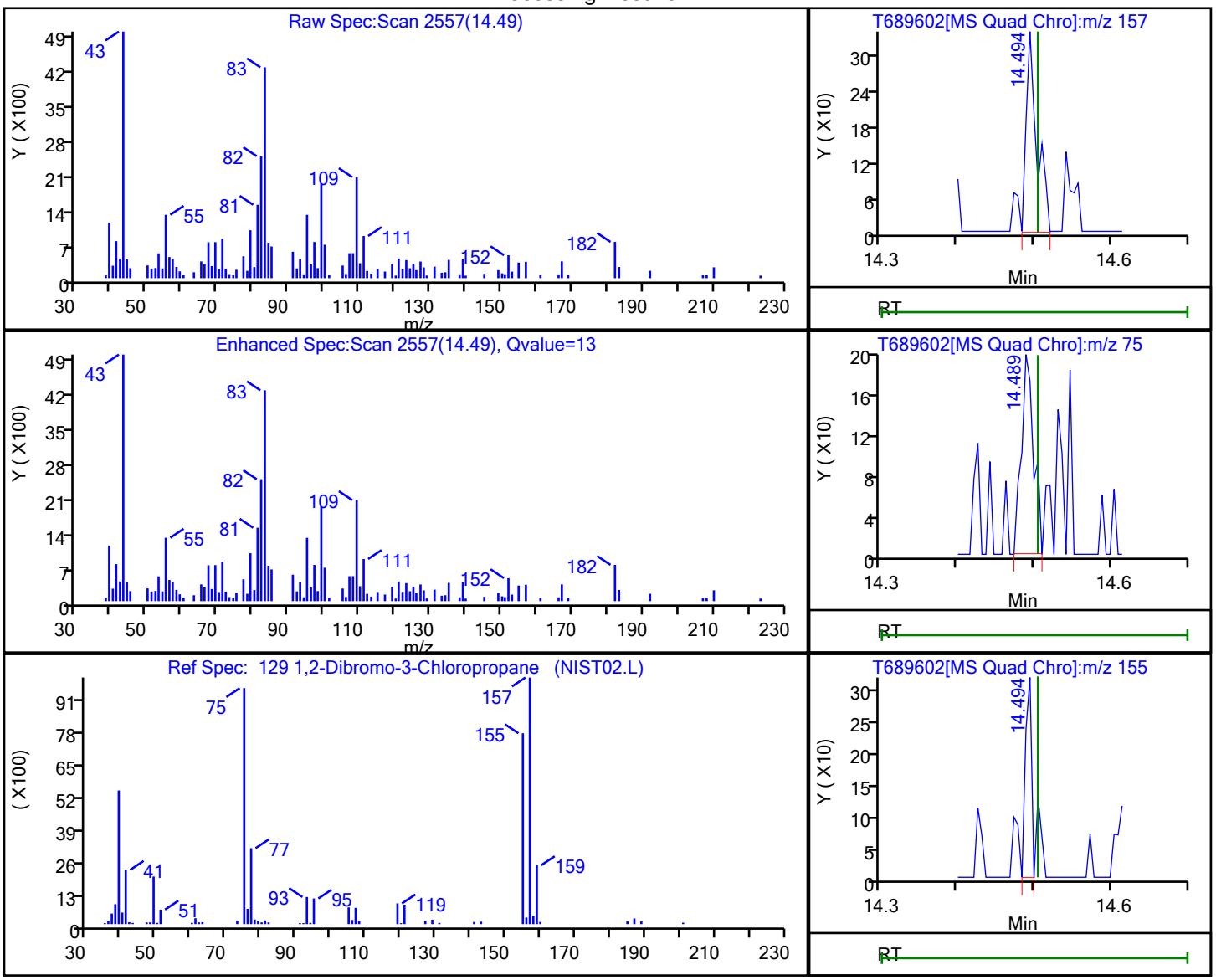
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

129 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
14.49	157.00	321	0.310426
14.49	75.00	221	
14.49	155.00	173	

Reviewer: FK2C, 19-Apr-2025 09:18:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

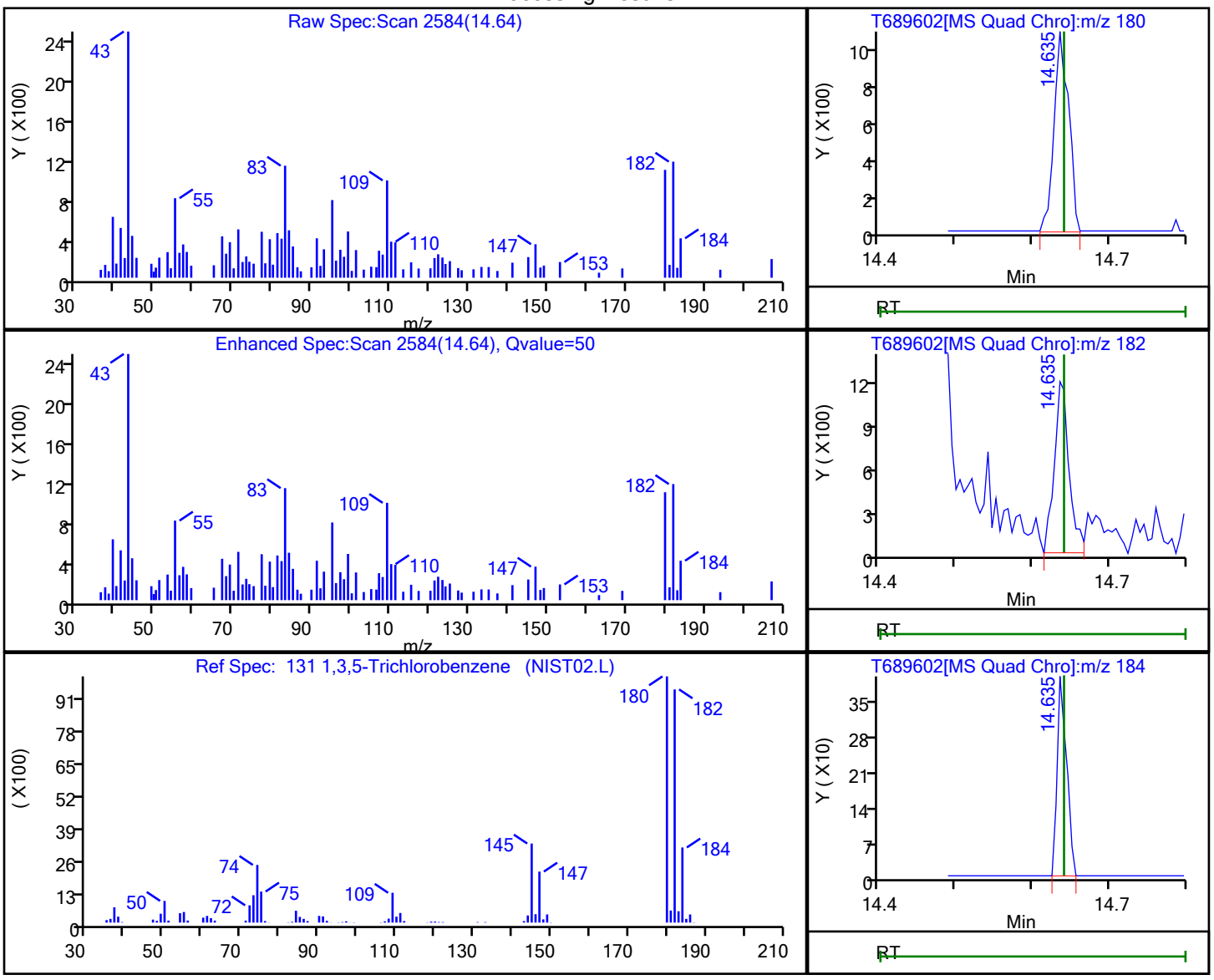
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
14.64	180.00	1443	0.251562
14.64	182.00	1595	
14.64	184.00	344	

Reviewer: FK2C, 19-Apr-2025 09:18:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

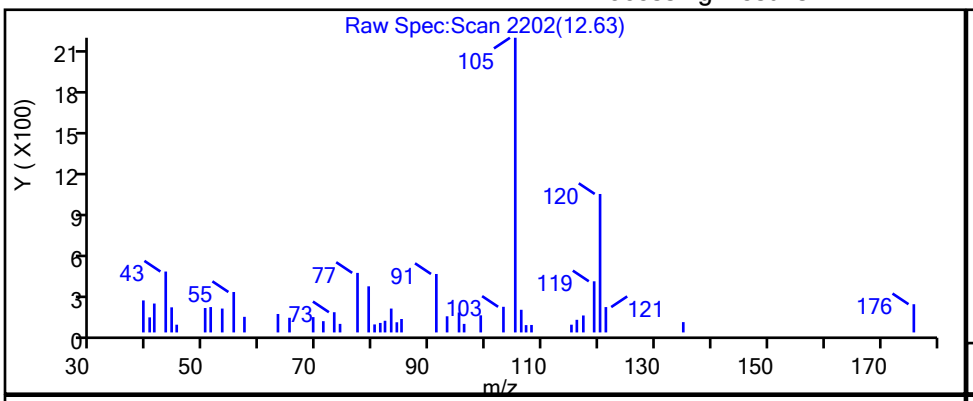
User Disabled Compound Report

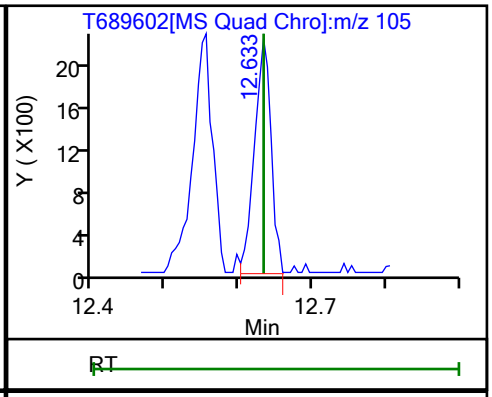
Eurofins Edison

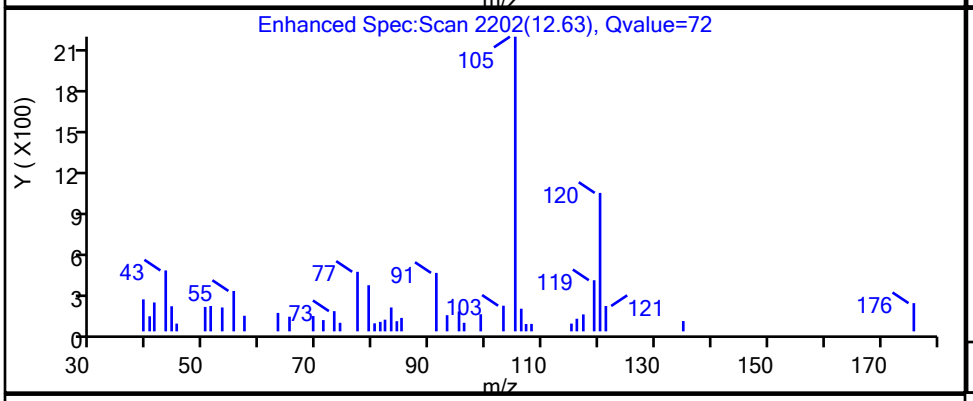
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

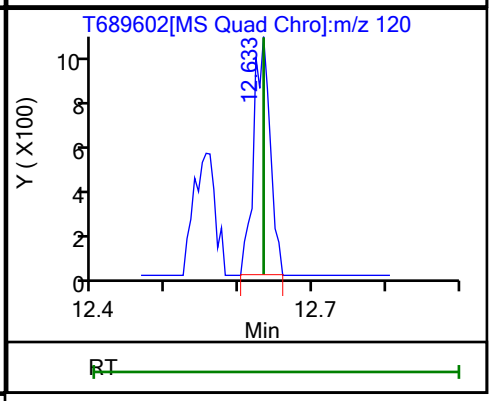
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

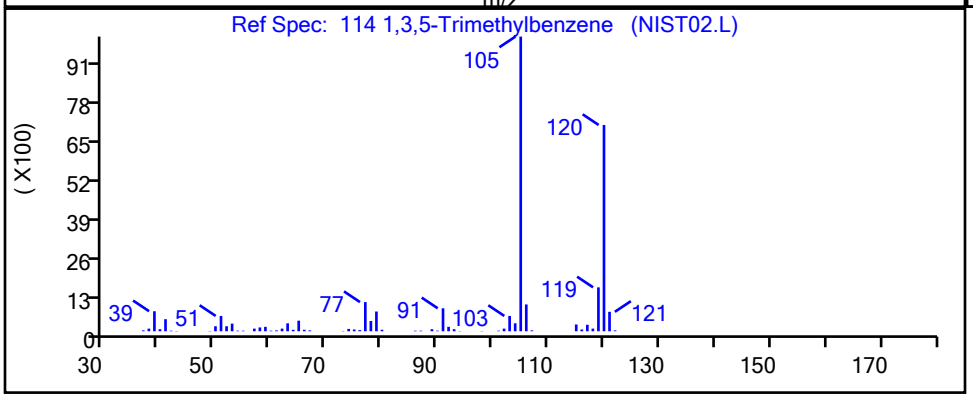
Processing Results











RT	Mass	Response	Amount
12.63	105.00	3411	0.216462
12.63	120.00	1586	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

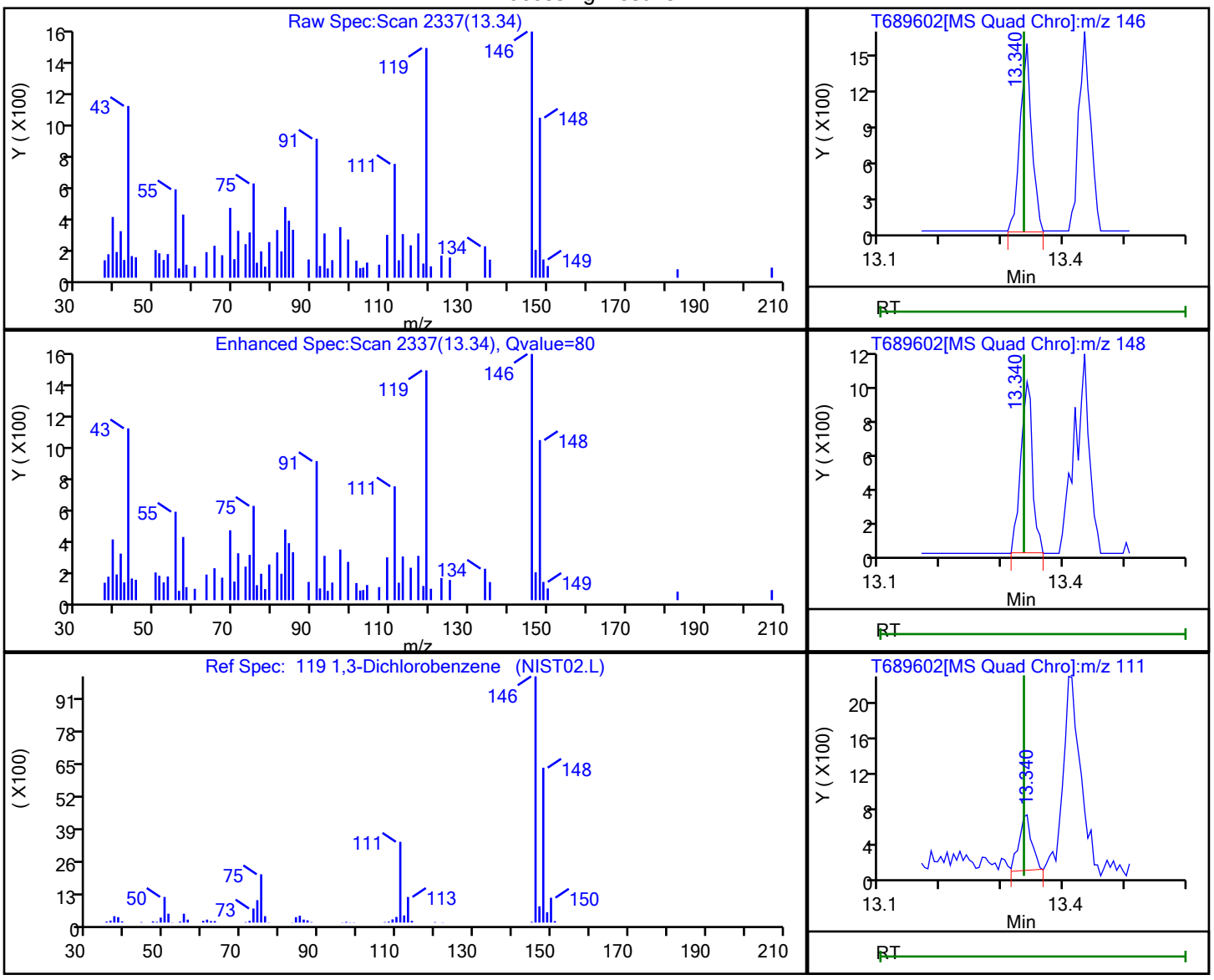
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
13.34	146.00	1979	0.220677
13.34	148.00	1312	
13.34	111.00	918	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

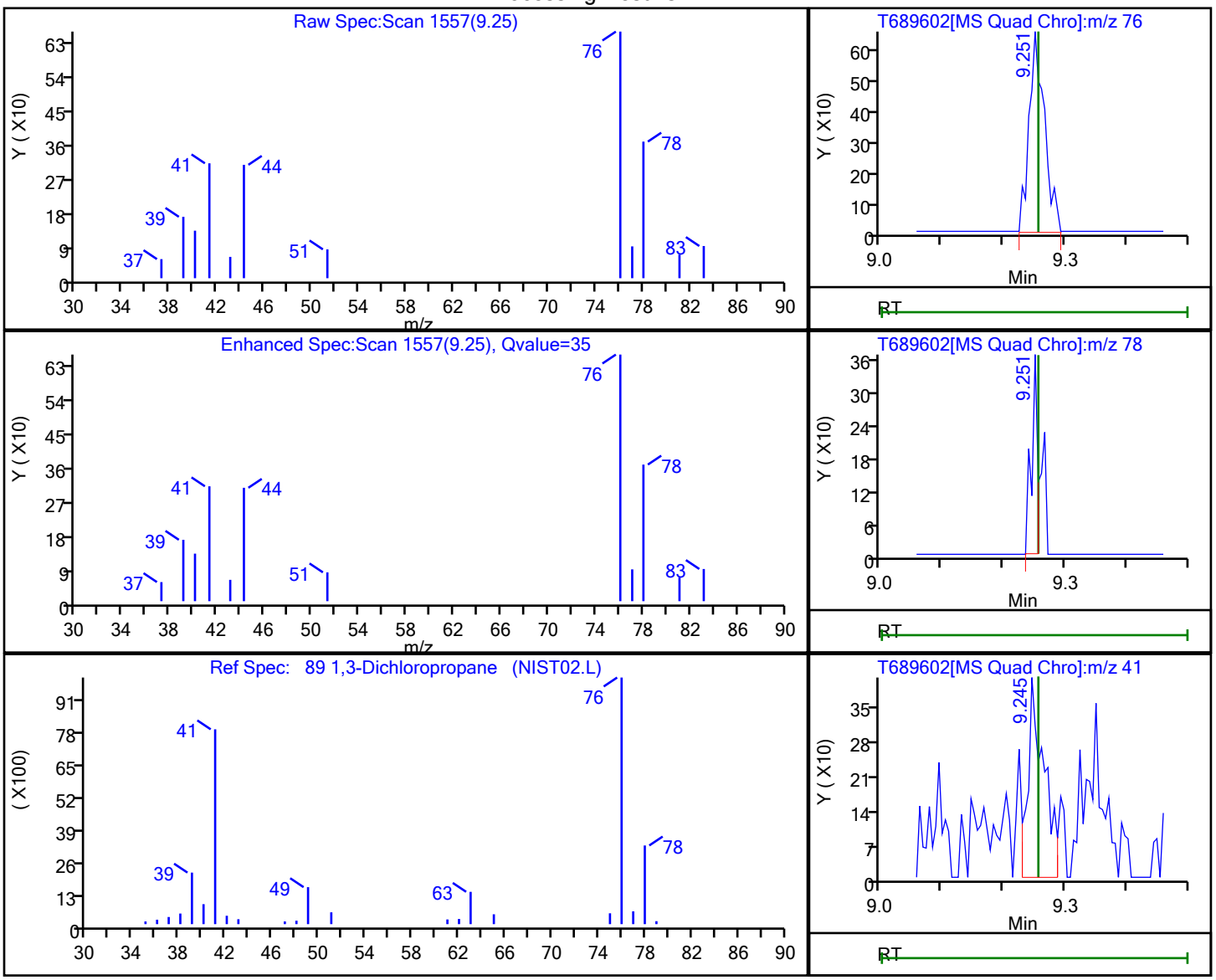
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
9.25	76.00	1148	0.198828
9.25	78.00	251	
9.25	41.00	746	

Reviewer: FK2C, 19-Apr-2025 09:17:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

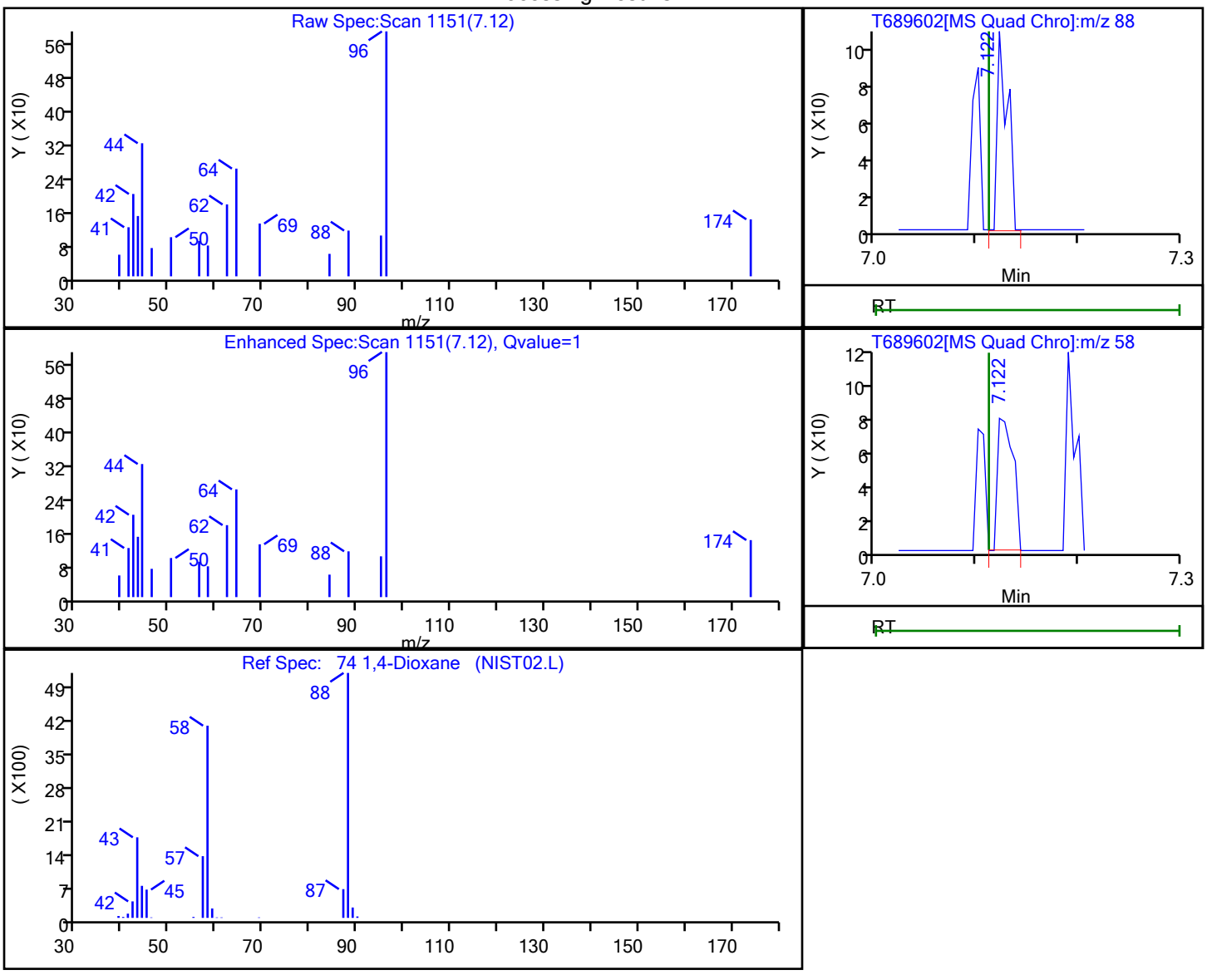
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

74 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
7.12	88.00	77	2.282075
7.12	58.00	80	

Reviewer: FK2C, 19-Apr-2025 09:17:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

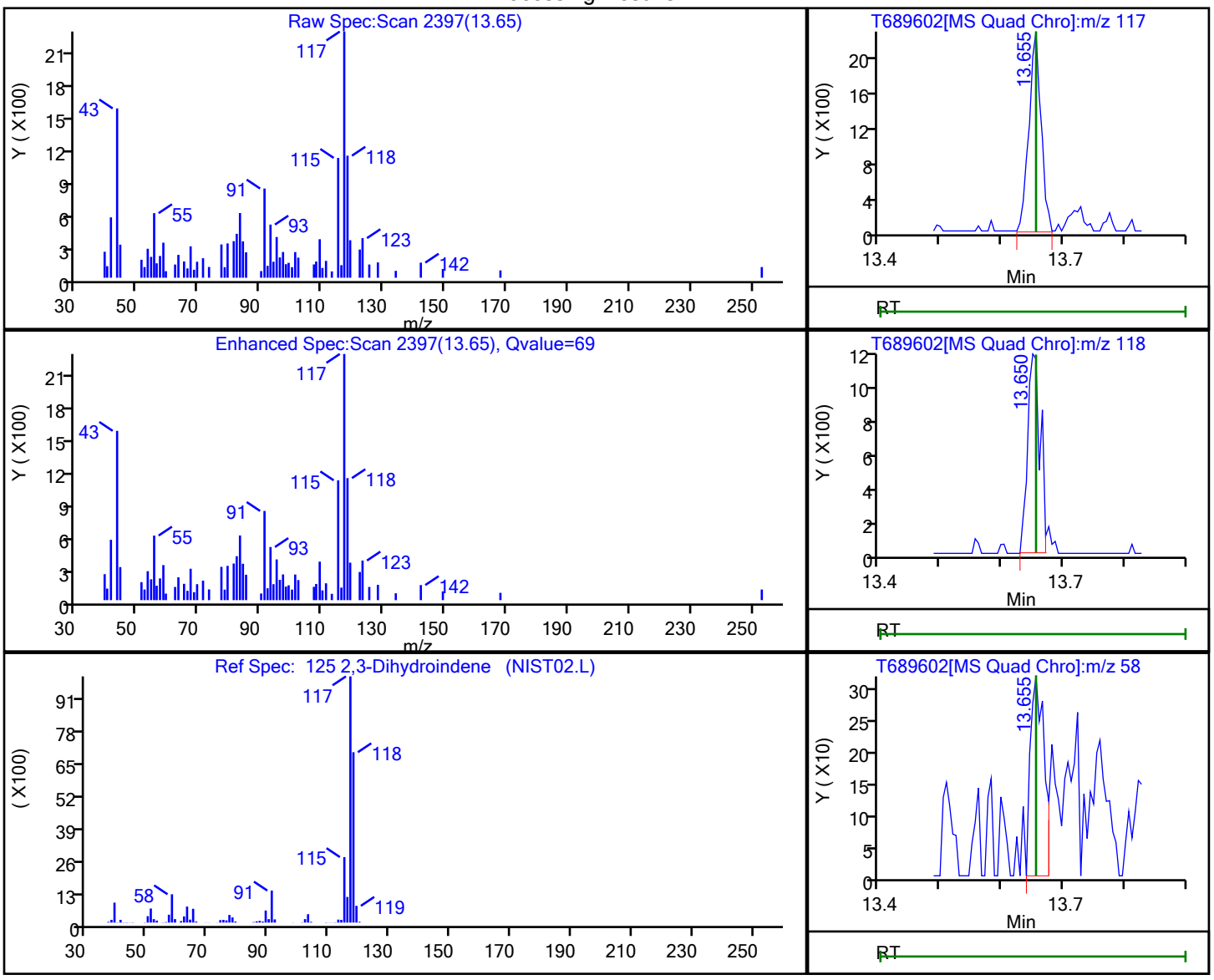
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

125 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
13.65	117.00	3045	0.224636
13.65	118.00	1632	
13.65	58.00	495	

Reviewer: FK2C, 19-Apr-2025 09:18:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

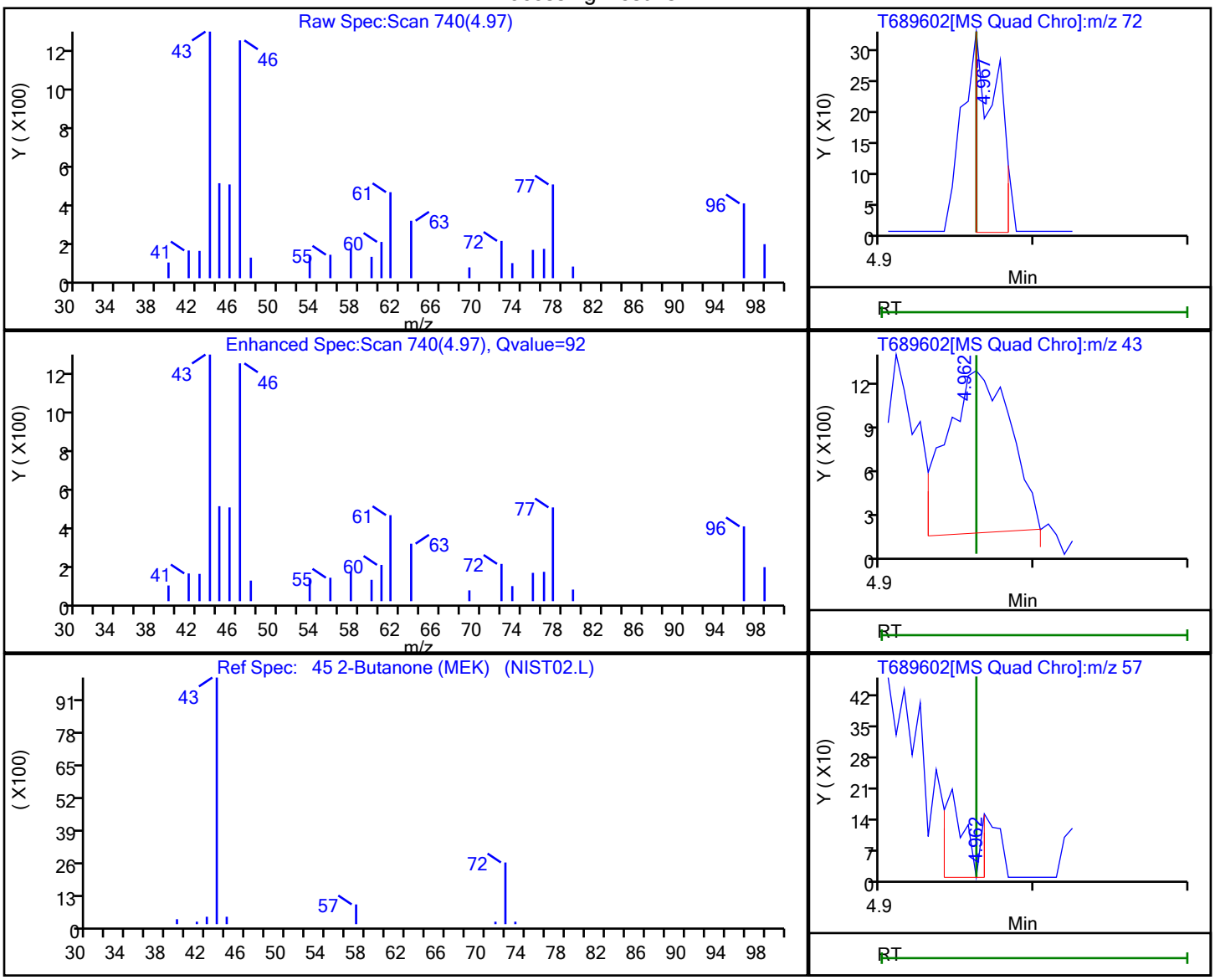
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
4.97	72.00	117	0.243668
4.96	43.00	3066	
4.96	57.00	312	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

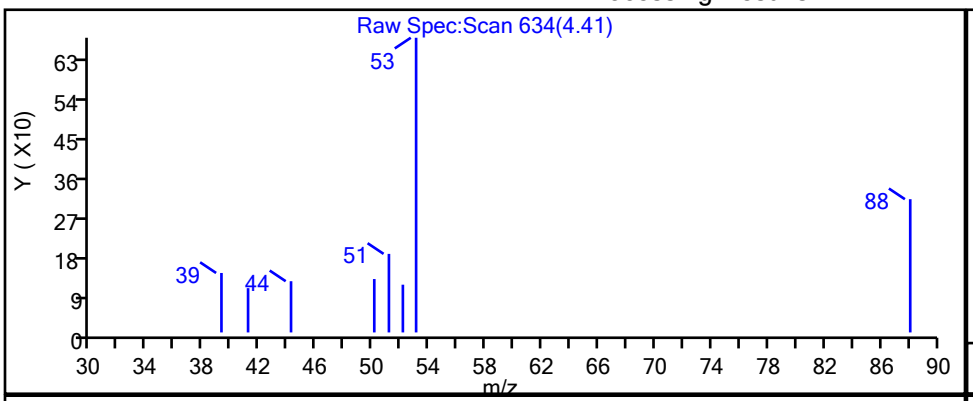
User Disabled Compound Report

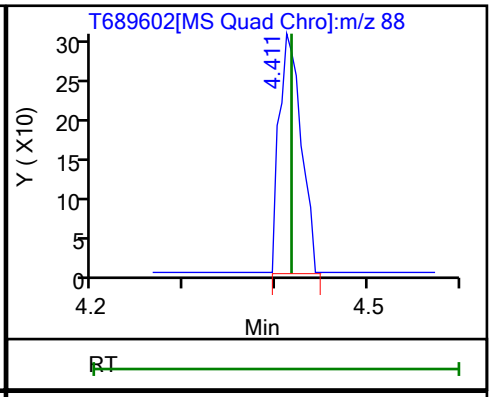
Eurofins Edison

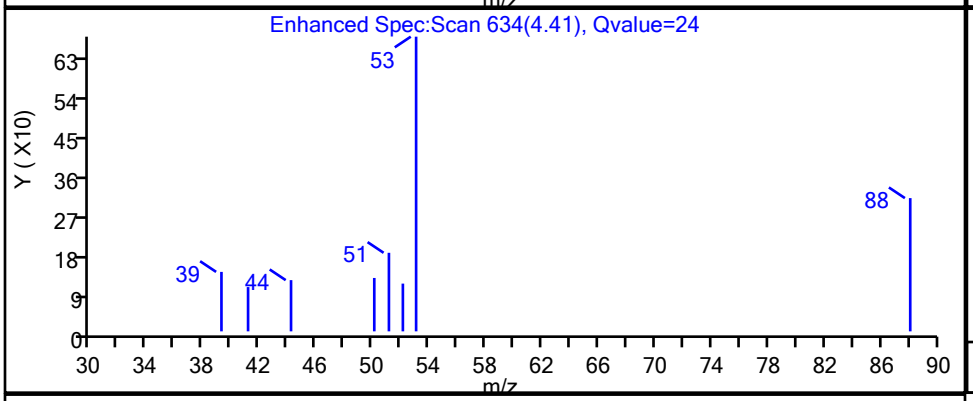
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

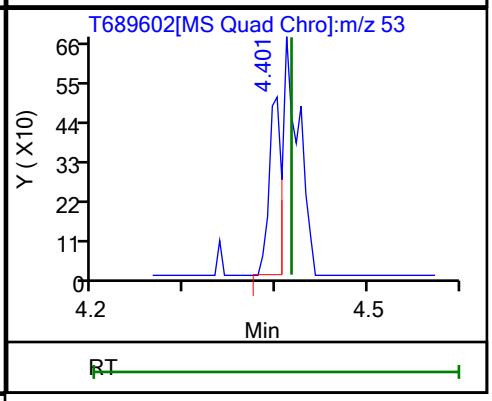
39 2-Chloro-1,3-butadiene, CAS: 126-99-8

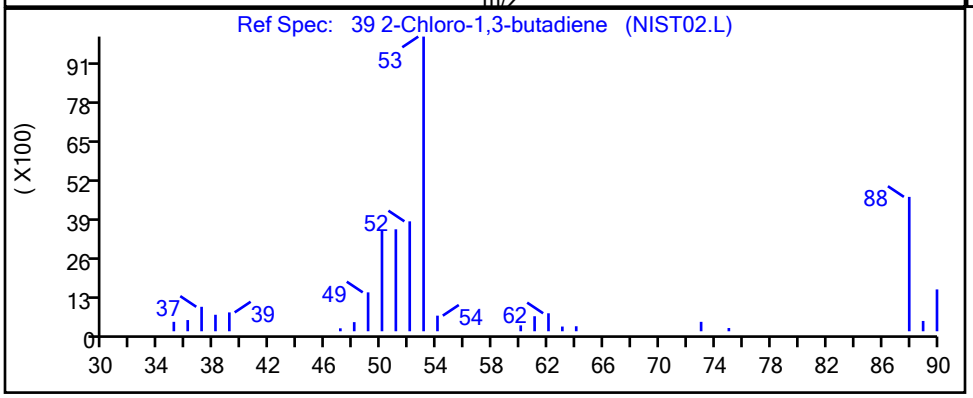
Processing Results











RT	Mass	Response	Amount
4.41	88.00	509	0.165424
4.40	53.00	467	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

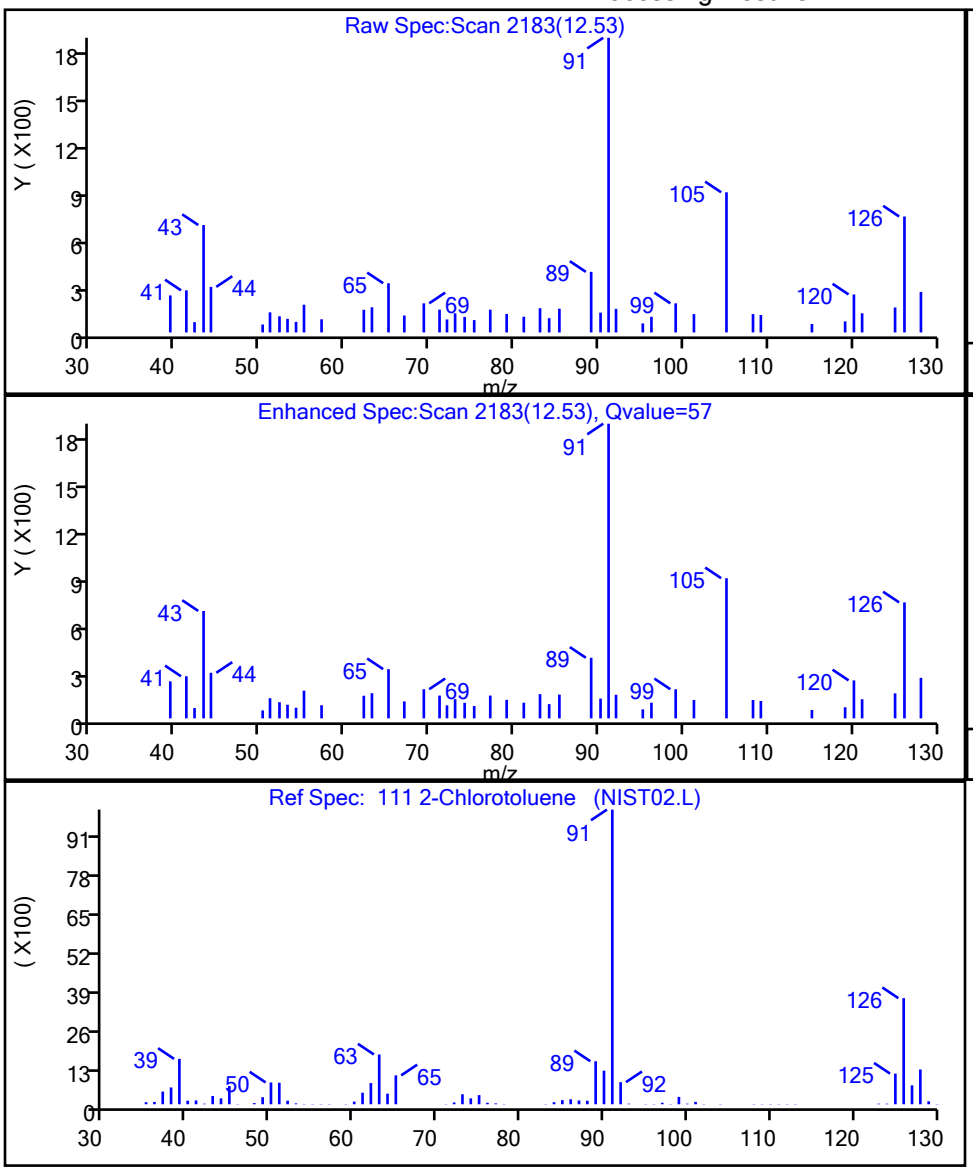
User Disabled Compound Report

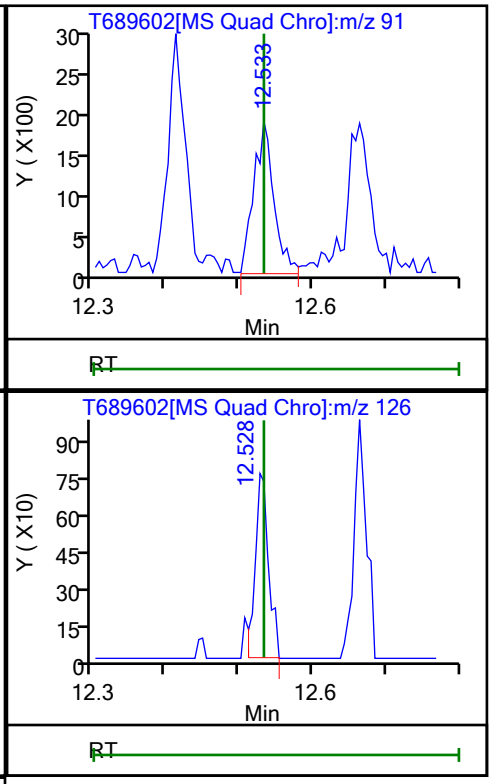
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

111 2-Chlorotoluene, CAS: 95-49-8

Processing Results





RT	Mass	Response	Amount
12.53	91.00	3528	0.221974
12.53	126.00	973	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

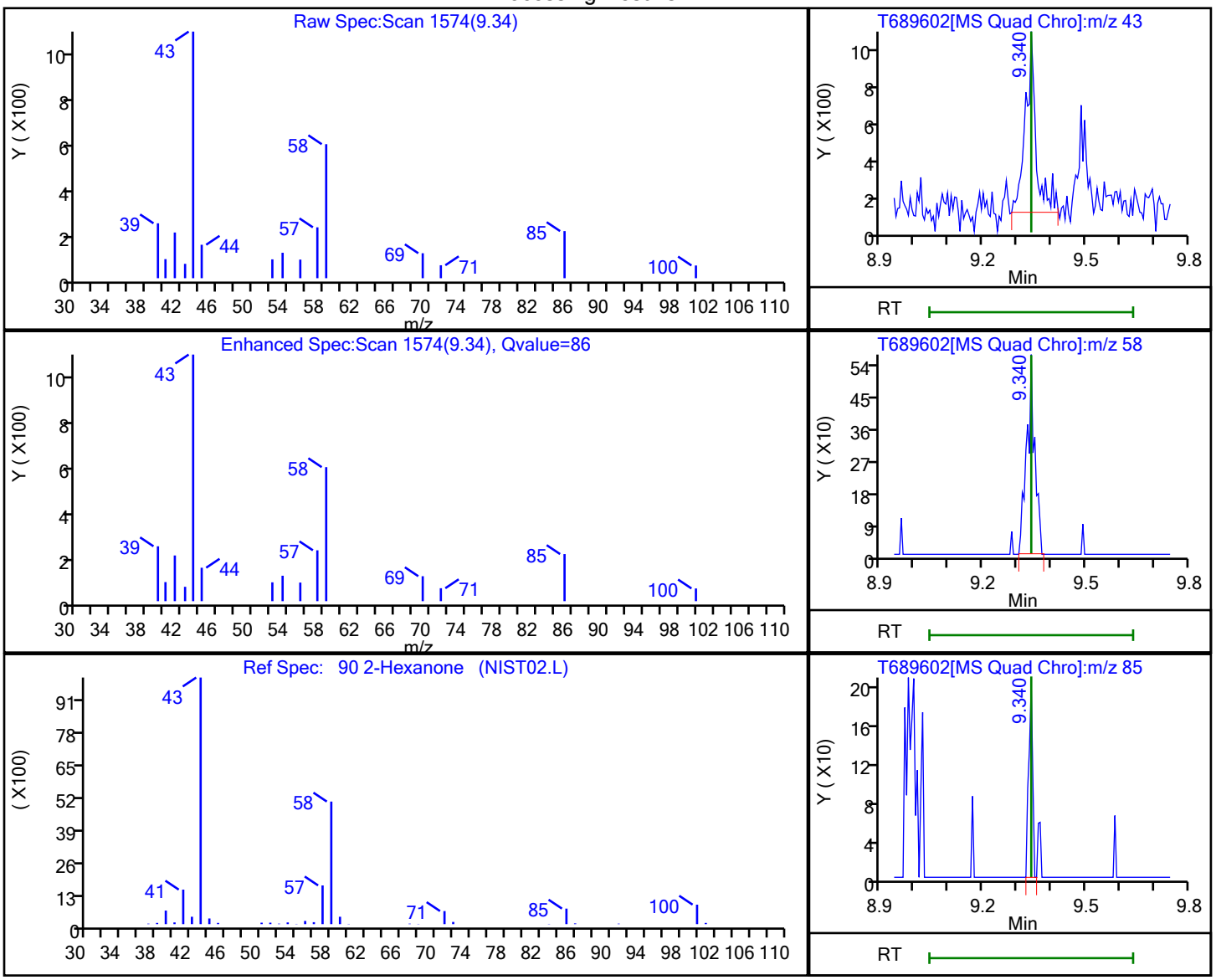
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

90 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
9.34	43.00	2080	1.160579
9.34	58.00	931	
9.34	85.00	164	
9.33	100.00	116	

Reviewer: FK2C, 19-Apr-2025 09:17:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

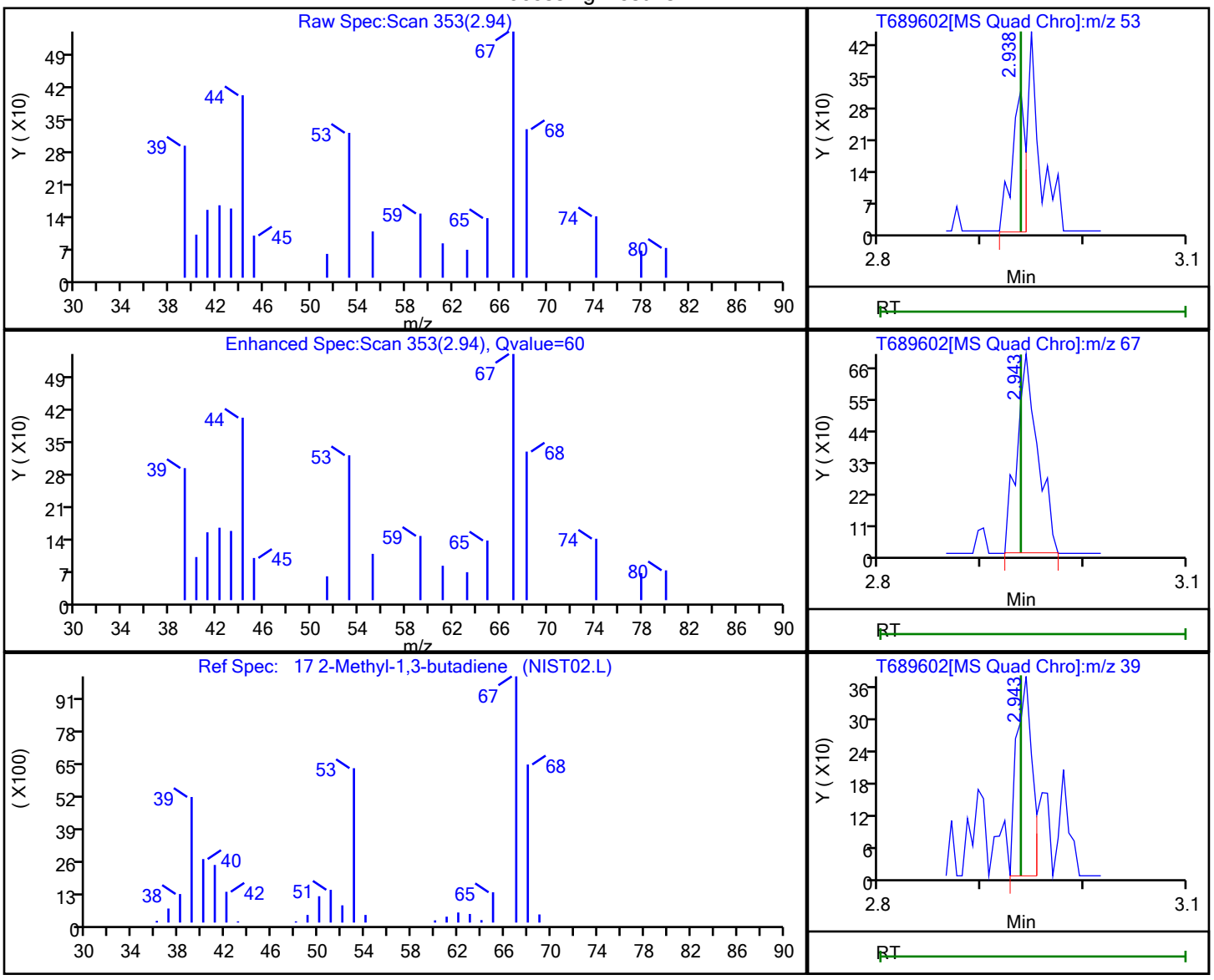
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.94	53.00	294	0.110910
2.94	67.00	1011	
2.94	39.00	395	

Reviewer: FK2C, 19-Apr-2025 09:13:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

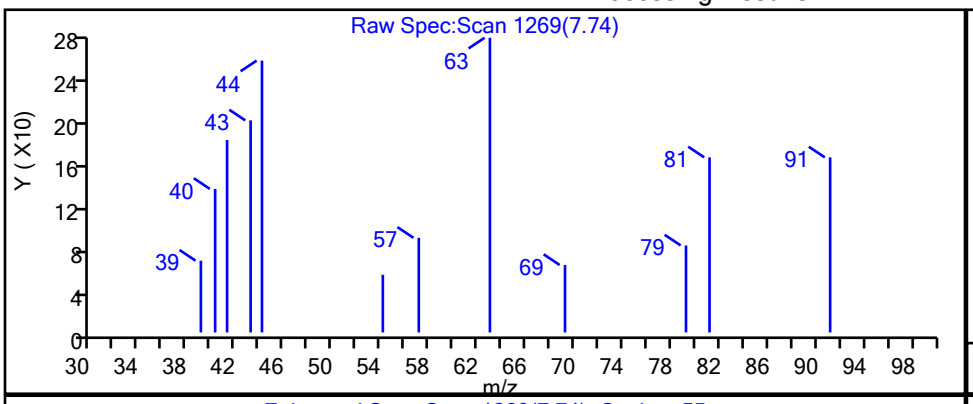
User Disabled Compound Report

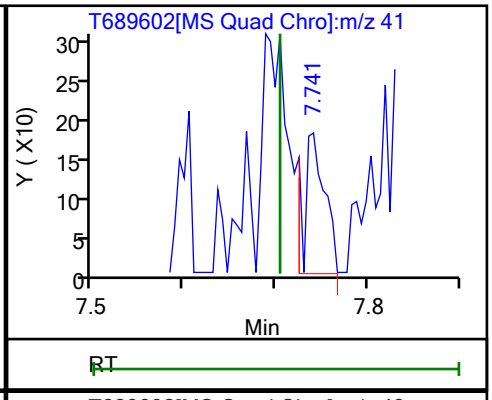
Eurofins Edison

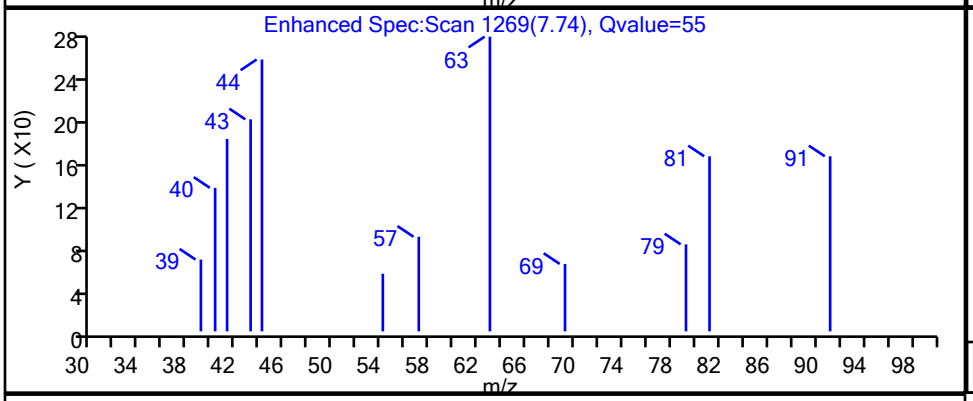
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

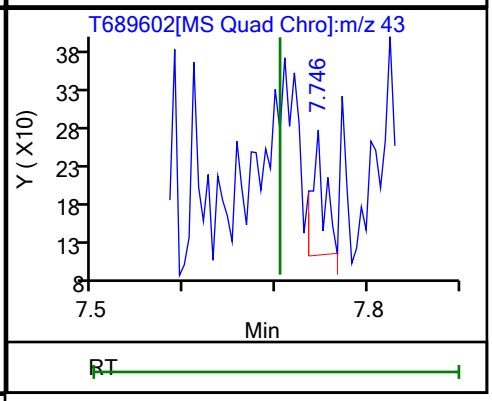
78 2-Nitropropane, CAS: 79-46-9

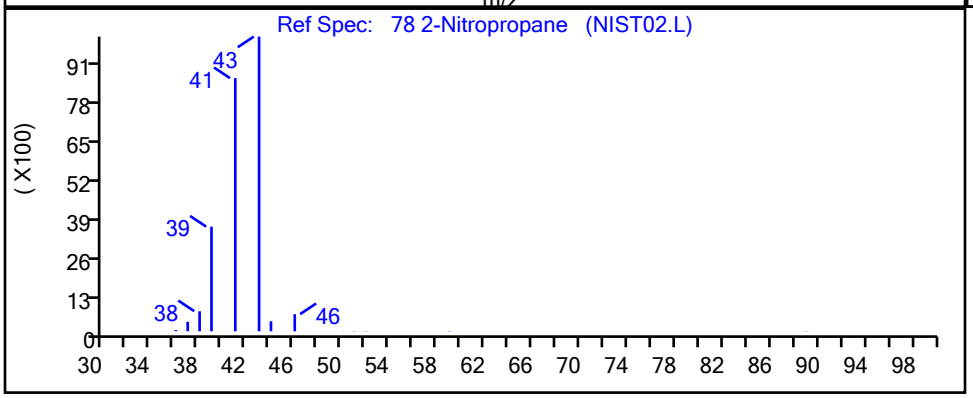
Processing Results











RT	Mass	Response	Amount
7.74	41.00	279	0.299243
7.75	43.00	162	

Reviewer: FK2C, 19-Apr-2025 09:17:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

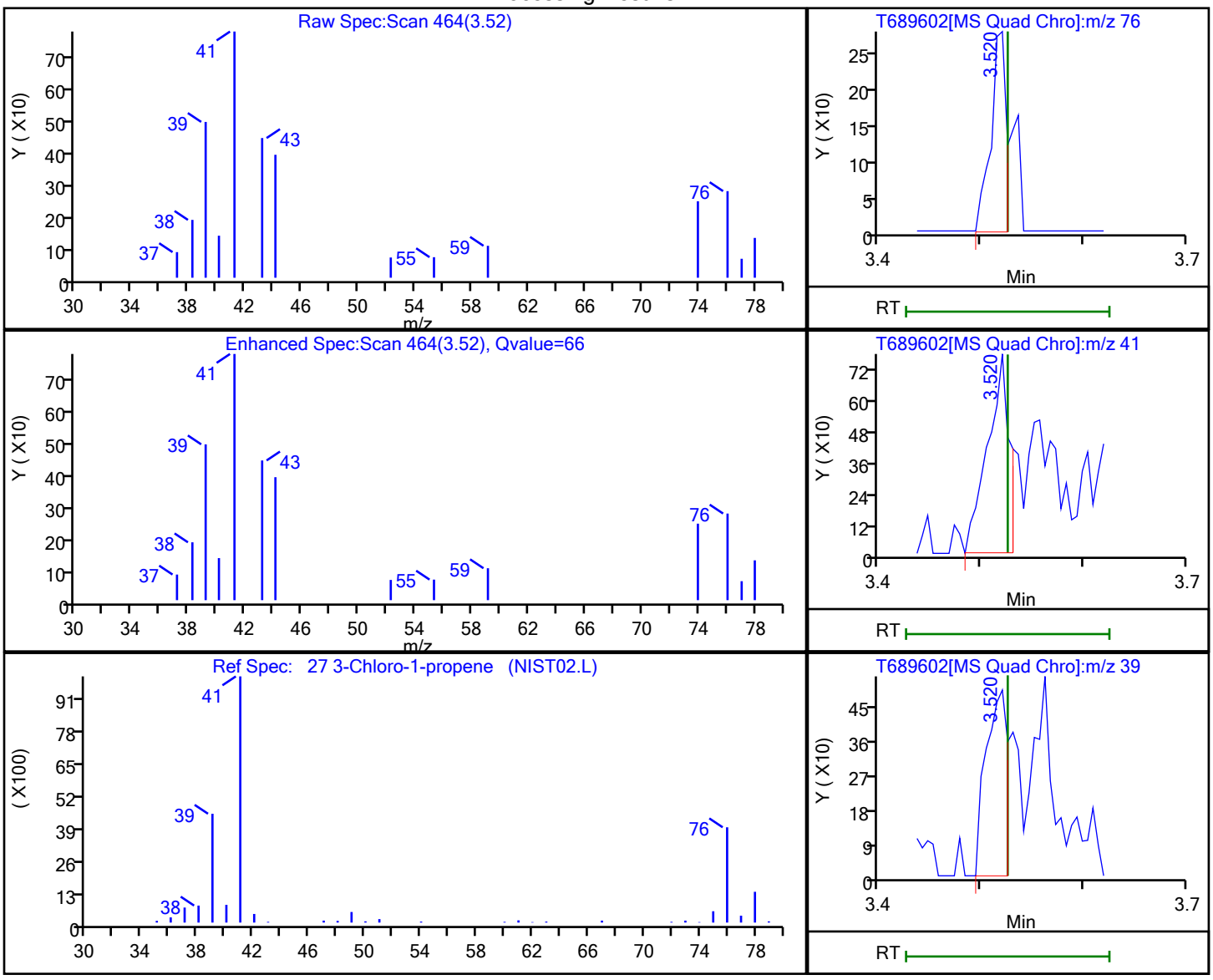
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.52	76.00	287	0.161868
3.52	41.00	1163	
3.52	39.00	723	

Reviewer: FK2C, 19-Apr-2025 09:14:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

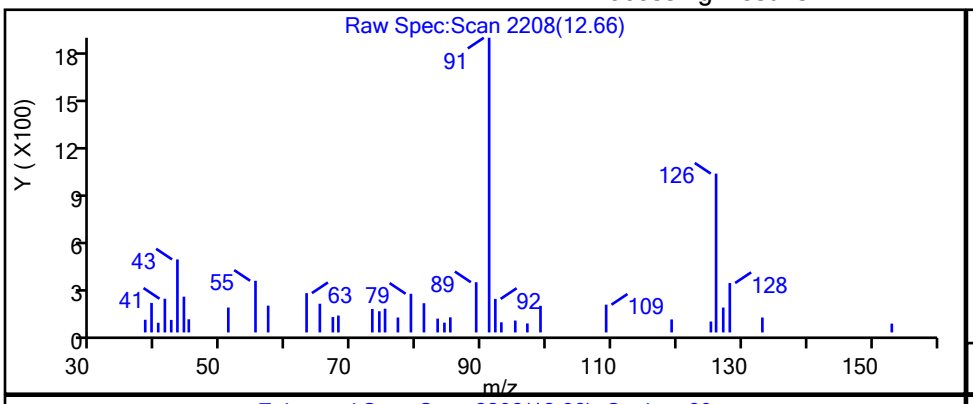
User Disabled Compound Report

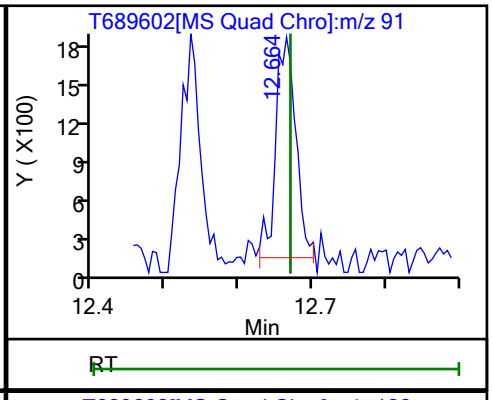
Eurofins Edison

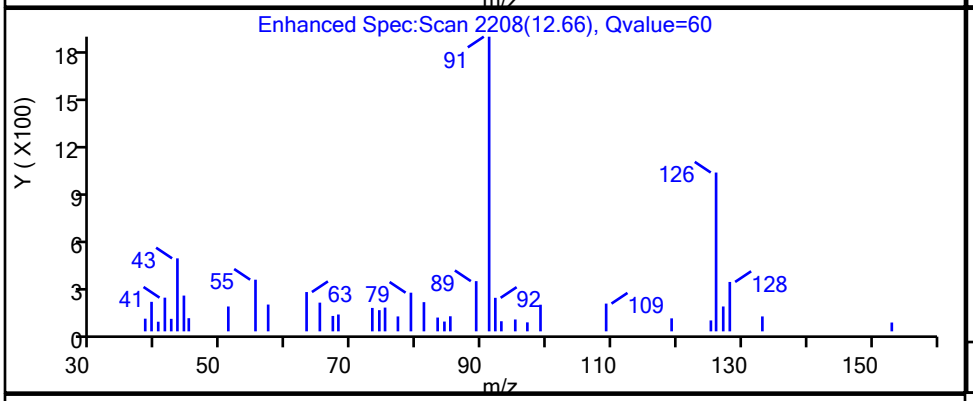
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

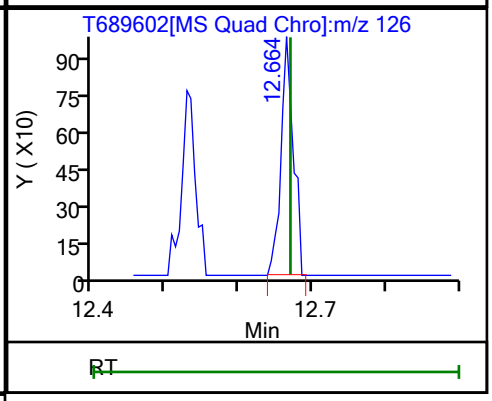
113 4-Chlorotoluene, CAS: 106-43-4

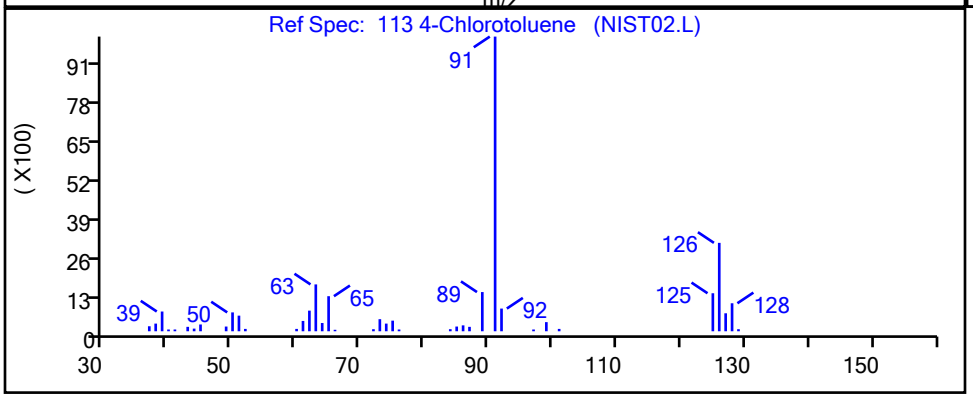
Processing Results











RT	Mass	Response	Amount
12.66	91.00	3289	0.201938
12.66	126.00	1164	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

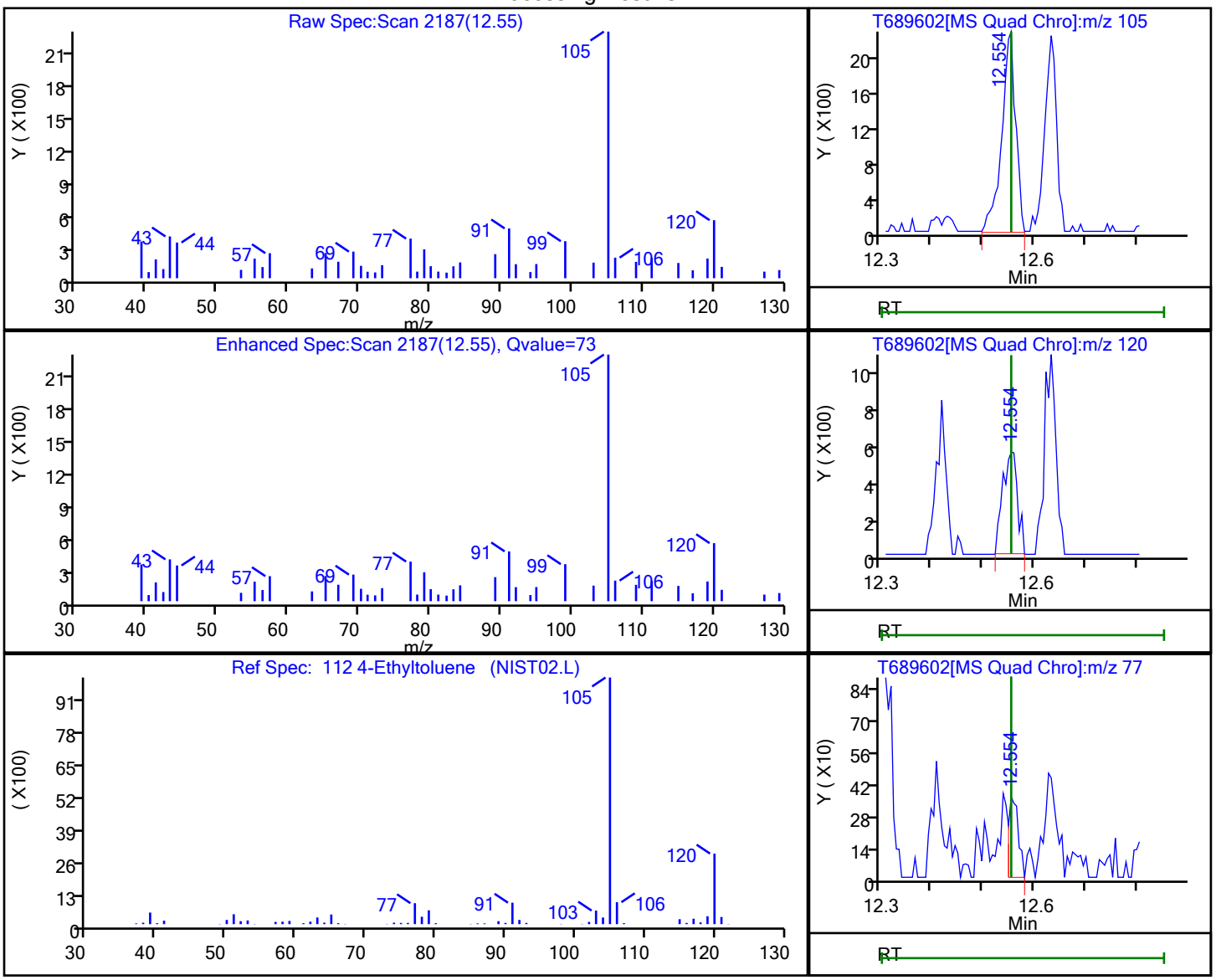
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
12.55	105.00	4175	0.229144
12.55	120.00	1065	
12.55	77.00	464	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

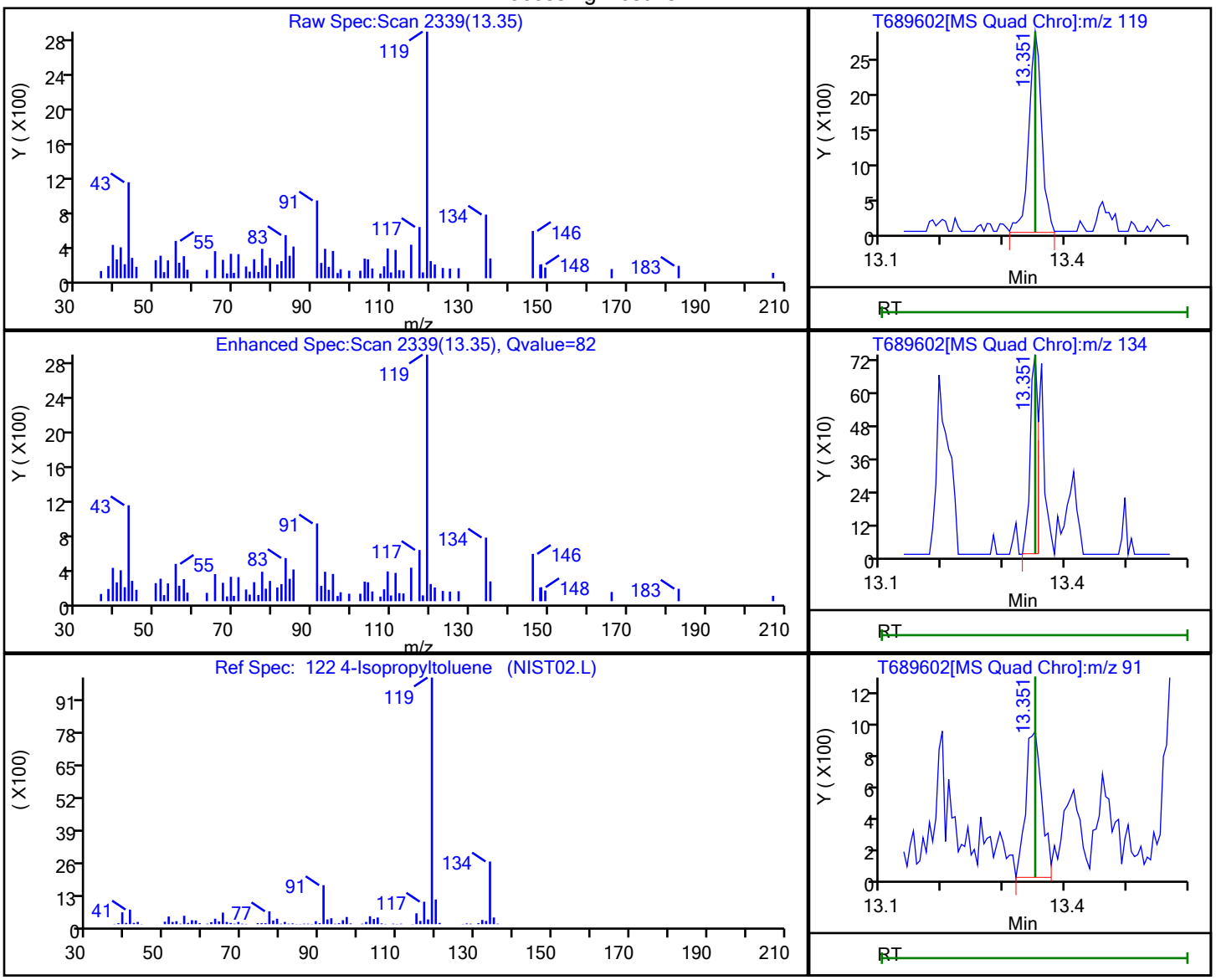
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
13.35	119.00	4056	0.248516
13.35	134.00	674	
13.35	91.00	1641	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

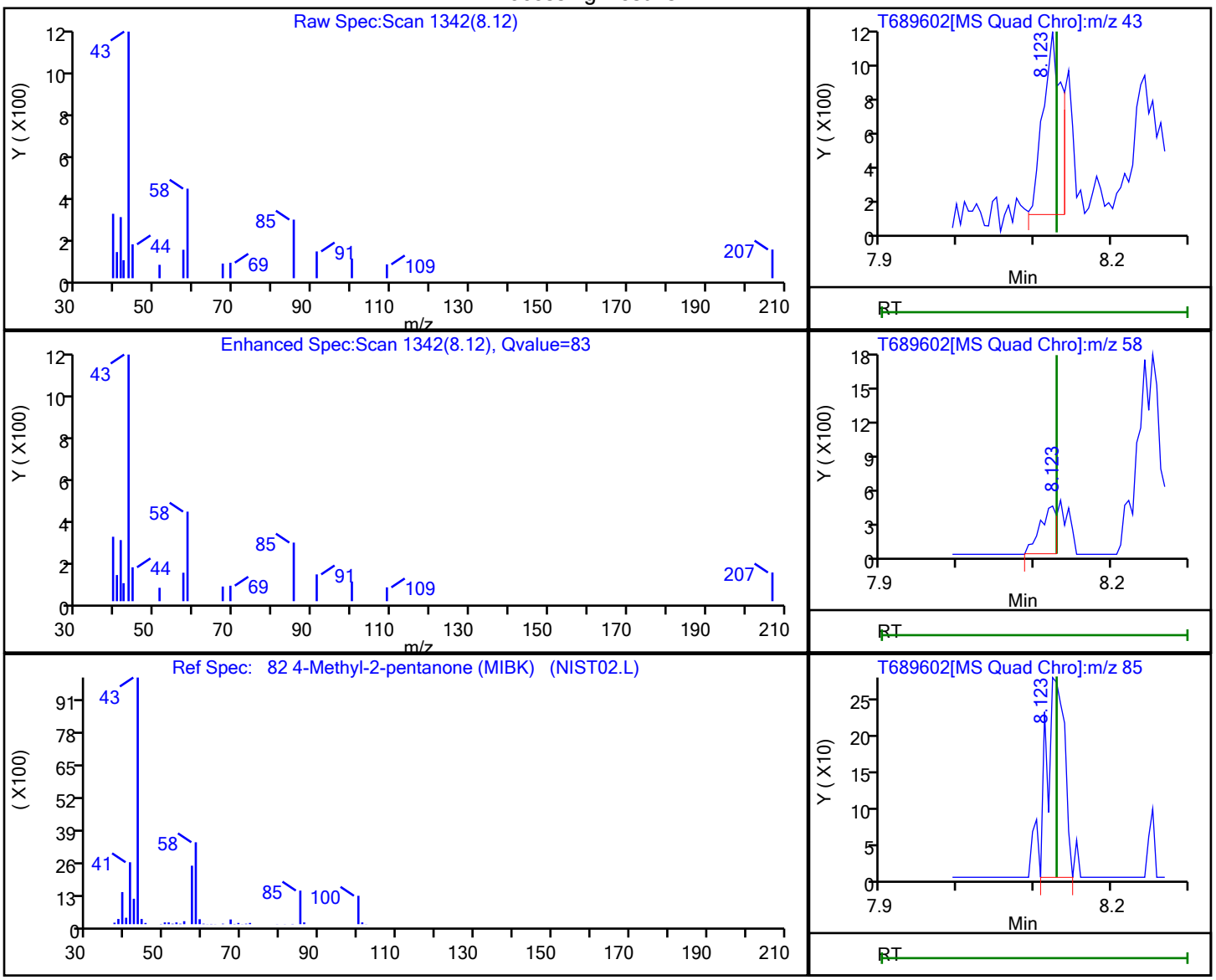
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
8.12	43.00	1680	0.706363
8.12	58.00	655	
8.12	85.00	440	
8.13	100.00	156	

Reviewer: FK2C, 19-Apr-2025 09:17:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

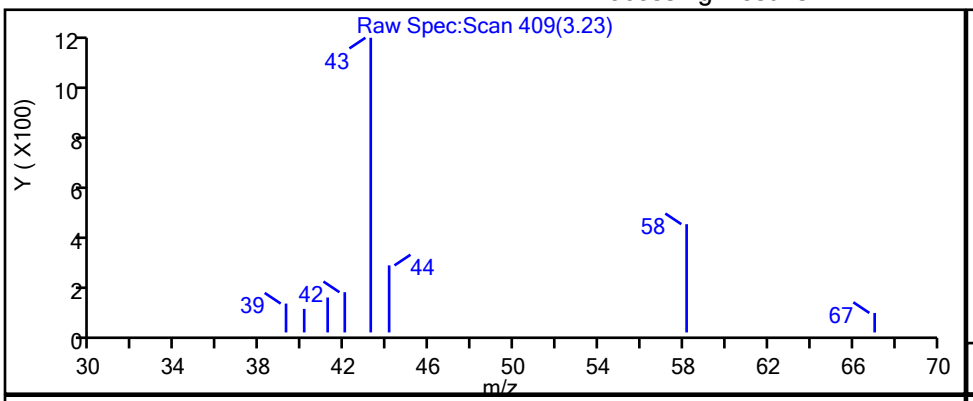
User Disabled Compound Report

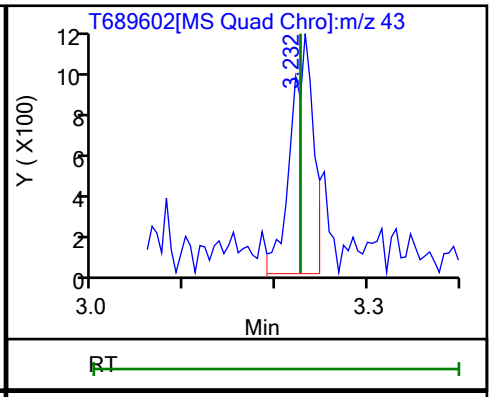
Eurofins Edison

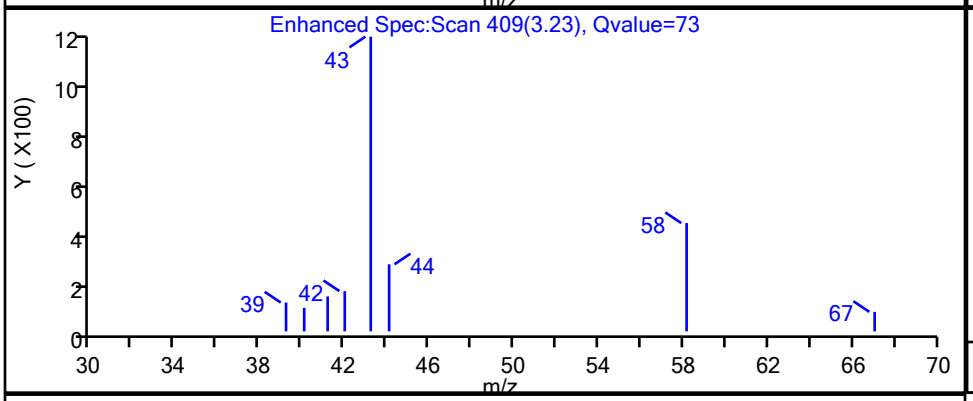
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

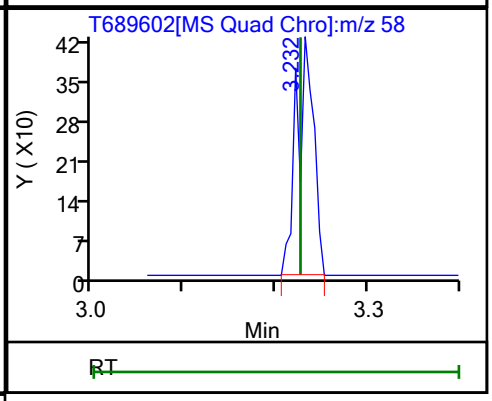
22 Acetone, CAS: 67-64-1

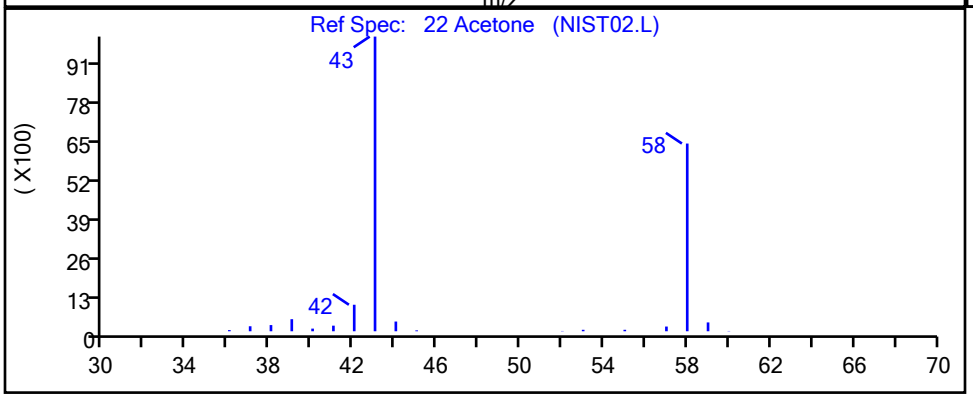
Processing Results











RT	Mass	Response	Amount
3.23	43.00	2012	2.132996
3.23	58.00	558	

Reviewer: FK2C, 19-Apr-2025 09:14:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

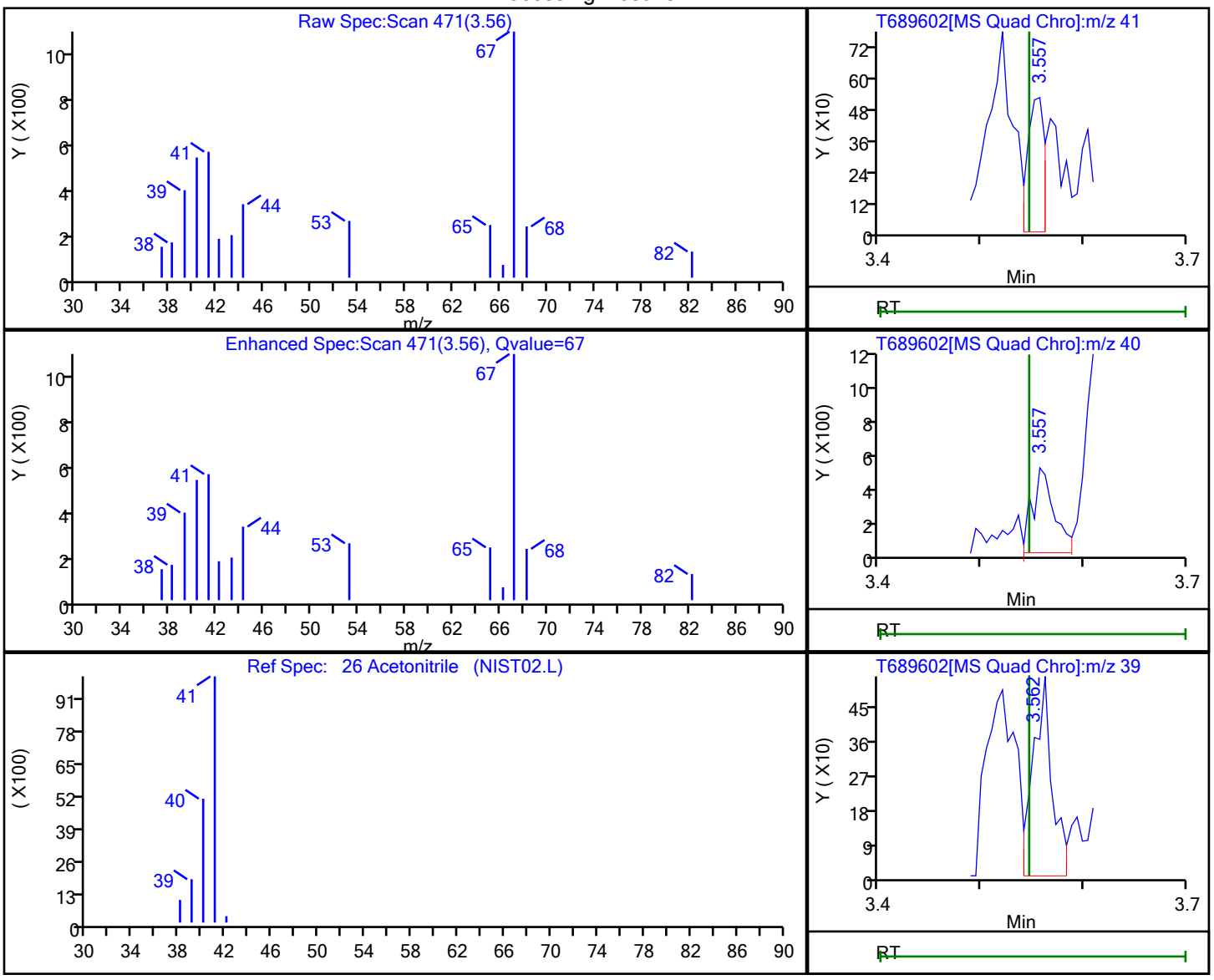
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.56	41.00	610	0.897948
3.56	40.00	755	
3.56	39.00	698	
3.56	38.00	204	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

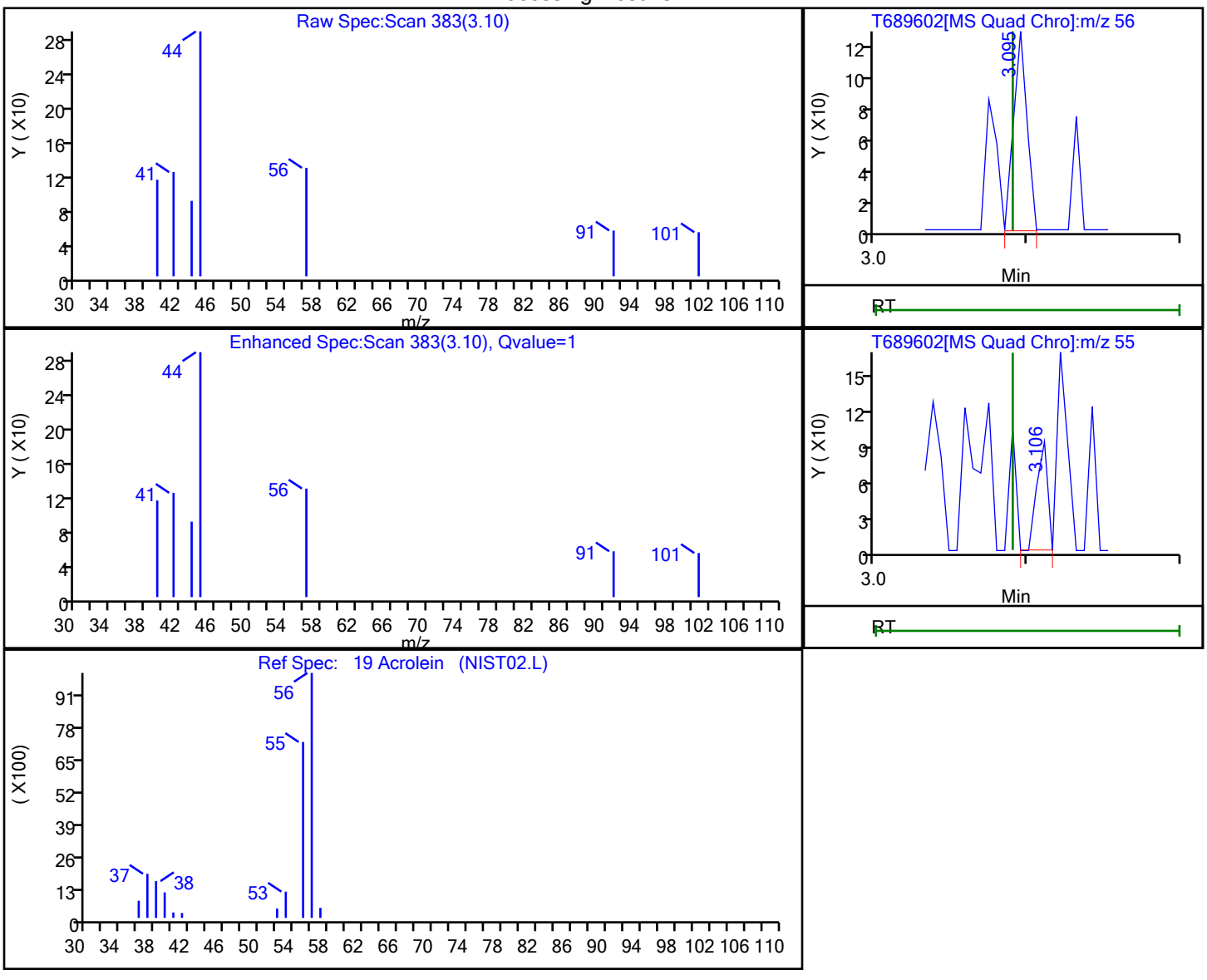
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
3.10	56.00	78	0.169708
3.11	55.00	45	

Reviewer: FK2C, 19-Apr-2025 09:14:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

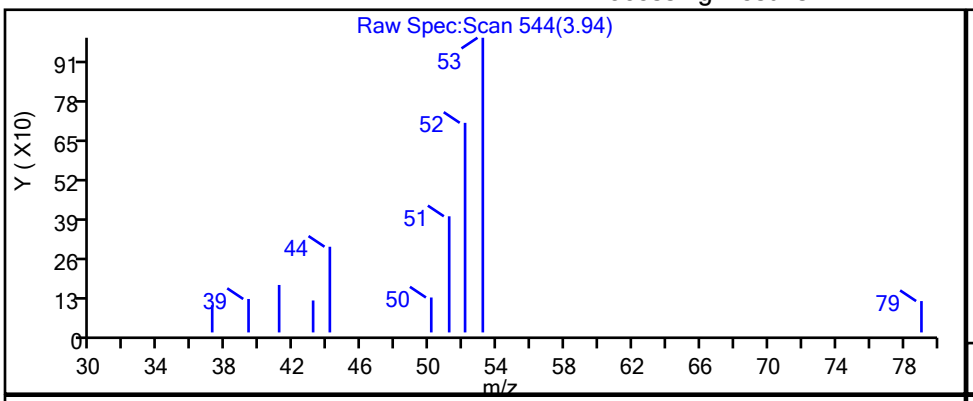
User Disabled Compound Report

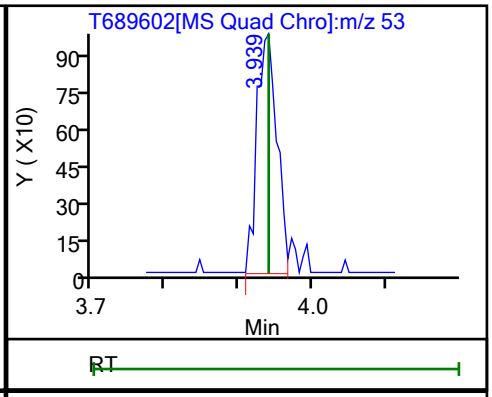
Eurofins Edison

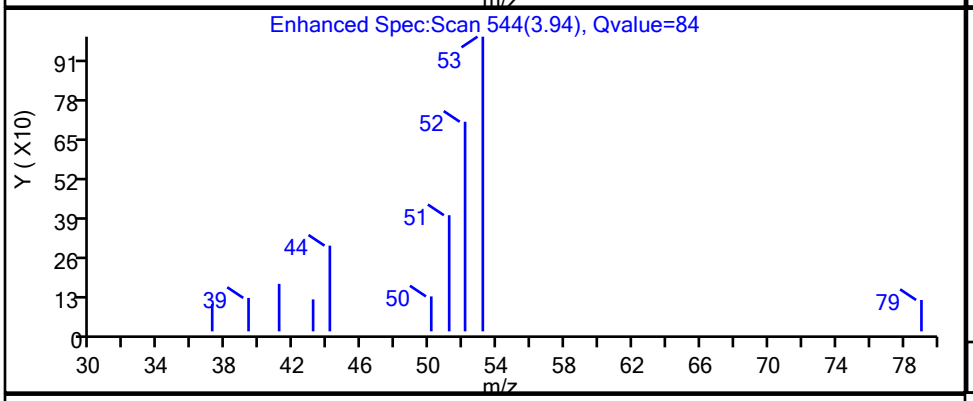
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

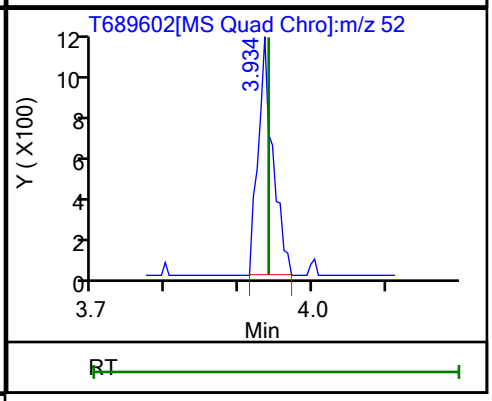
33 Acrylonitrile, CAS: 107-13-1

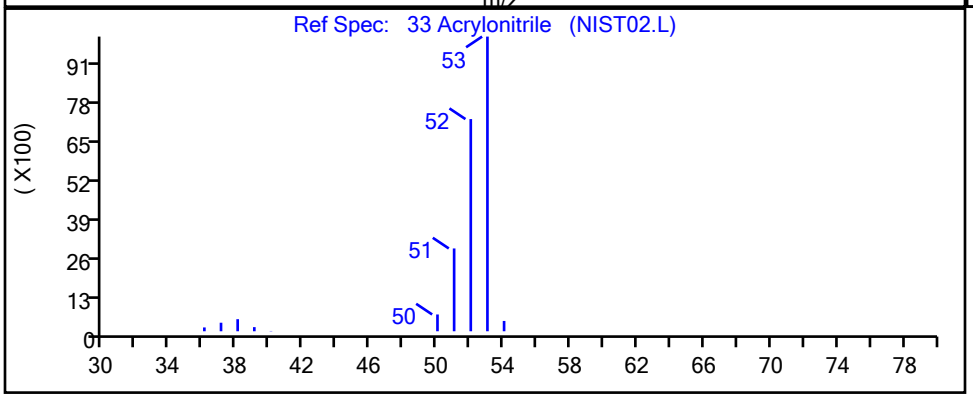
Processing Results











RT	Mass	Response	Amount
3.94	53.00	1874	1.934820
3.93	52.00	1648	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

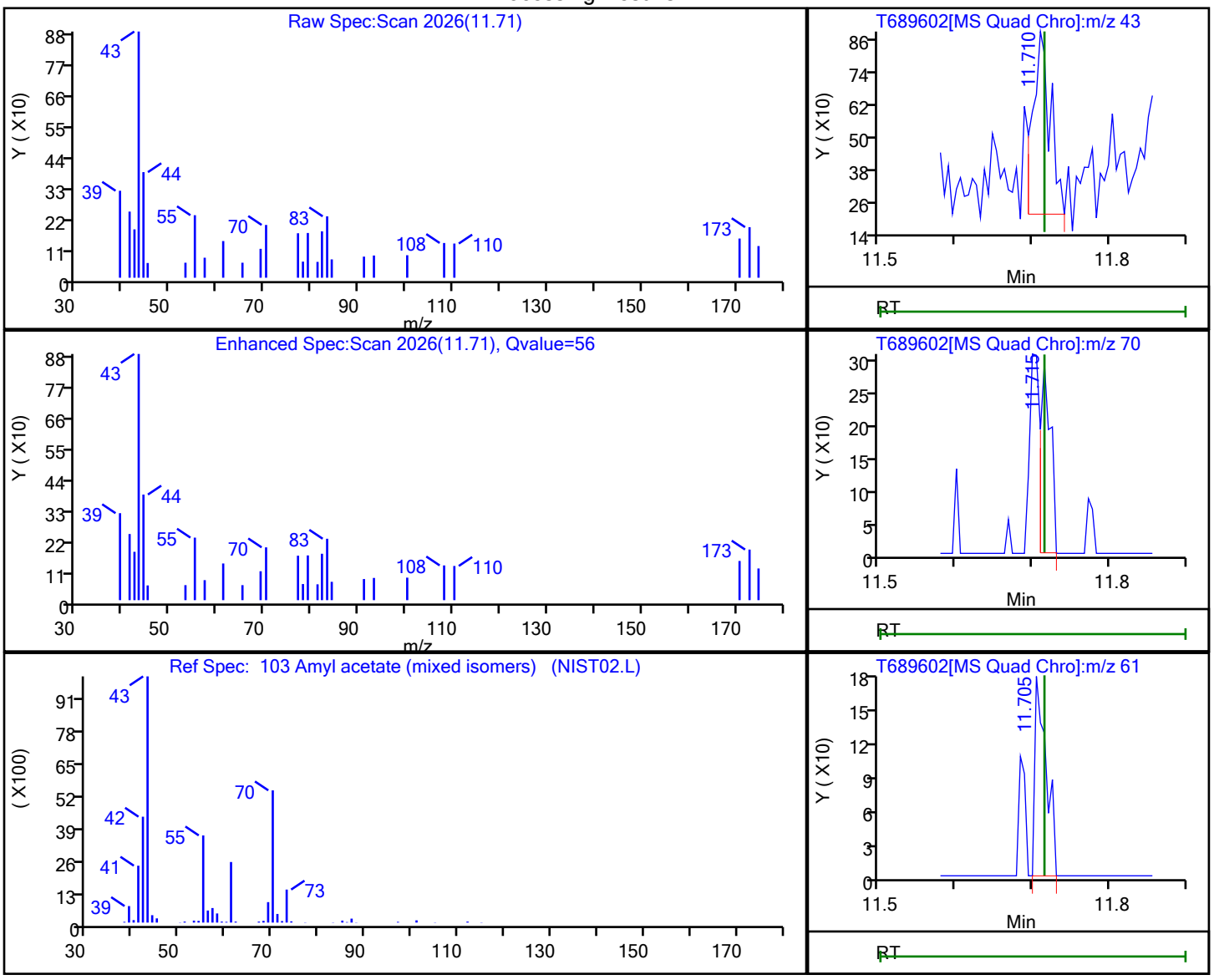
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
11.71	43.00	1059	0.226848
11.71	70.00	272	
11.70	61.00	177	

Reviewer: FK2C, 19-Apr-2025 09:17:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

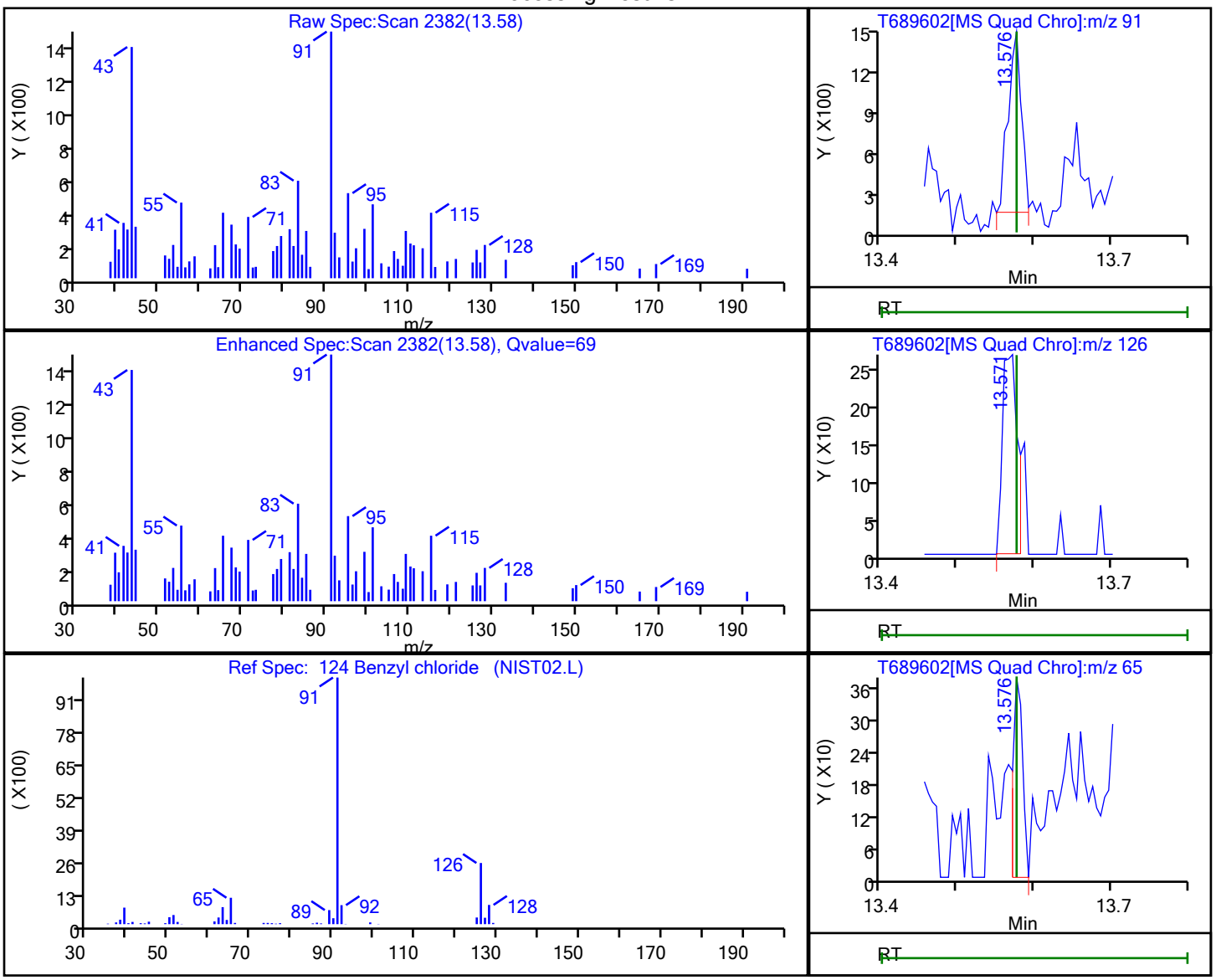
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
13.58	91.00	1462	0.176452
13.57	126.00	370	
13.58	65.00	322	

Reviewer: FK2C, 19-Apr-2025 09:18:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

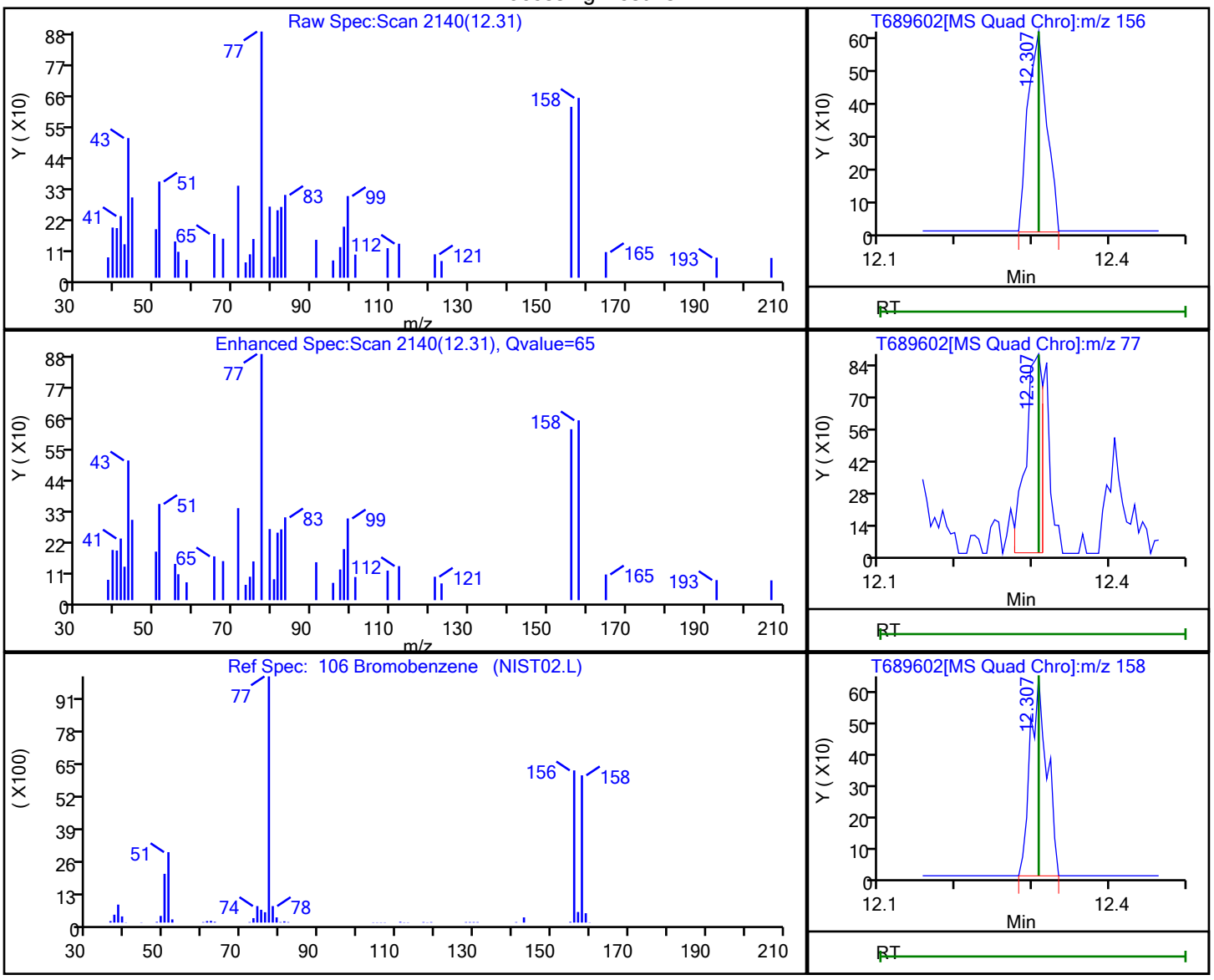
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

106 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
12.31	156.00	1040	0.207614
12.31	77.00	1388	
12.31	158.00	981	

Reviewer: FK2C, 19-Apr-2025 09:18:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

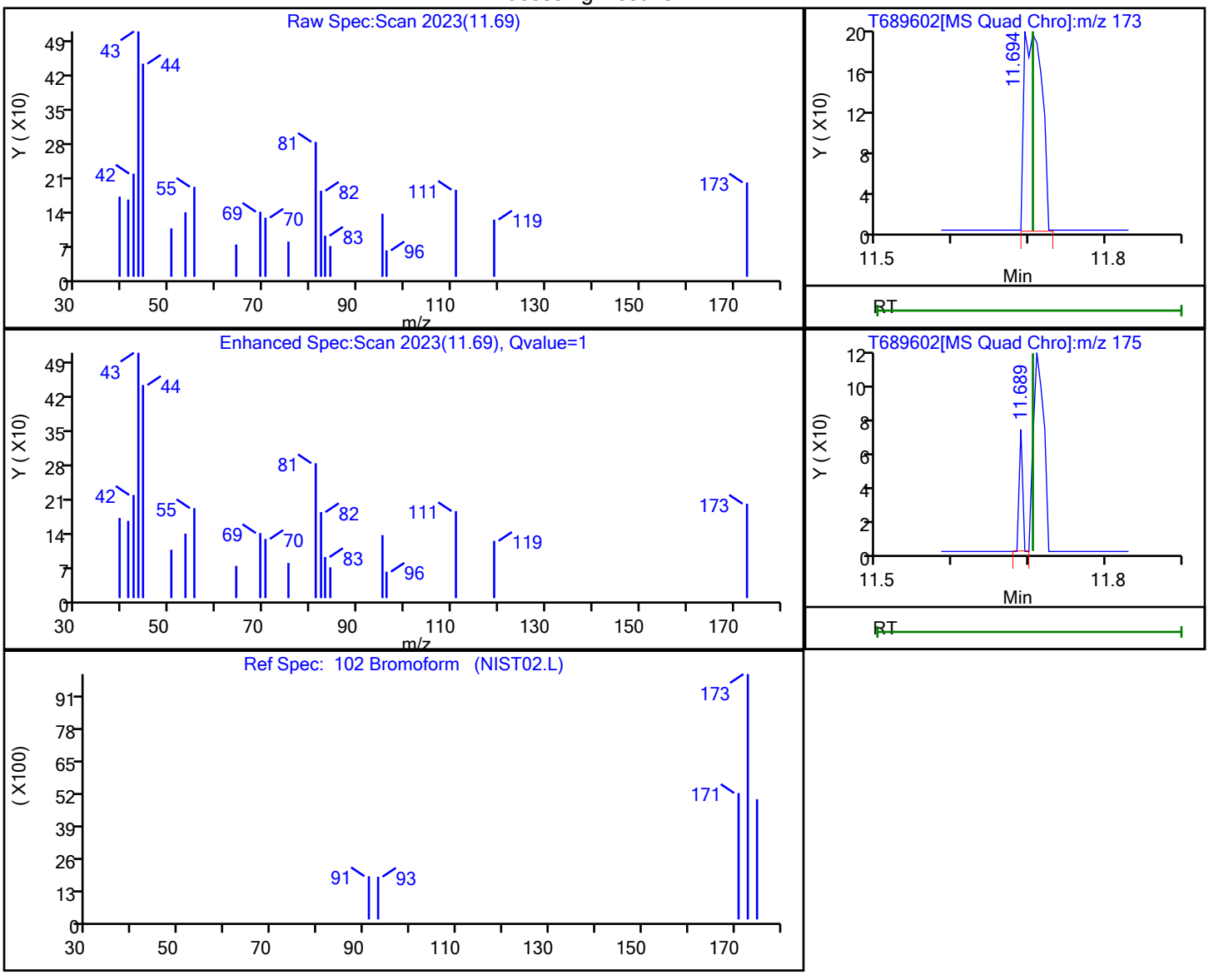
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

102 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
11.69	173.00	314	0.124182
11.69	175.00	22	

Reviewer: FK2C, 19-Apr-2025 09:17:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

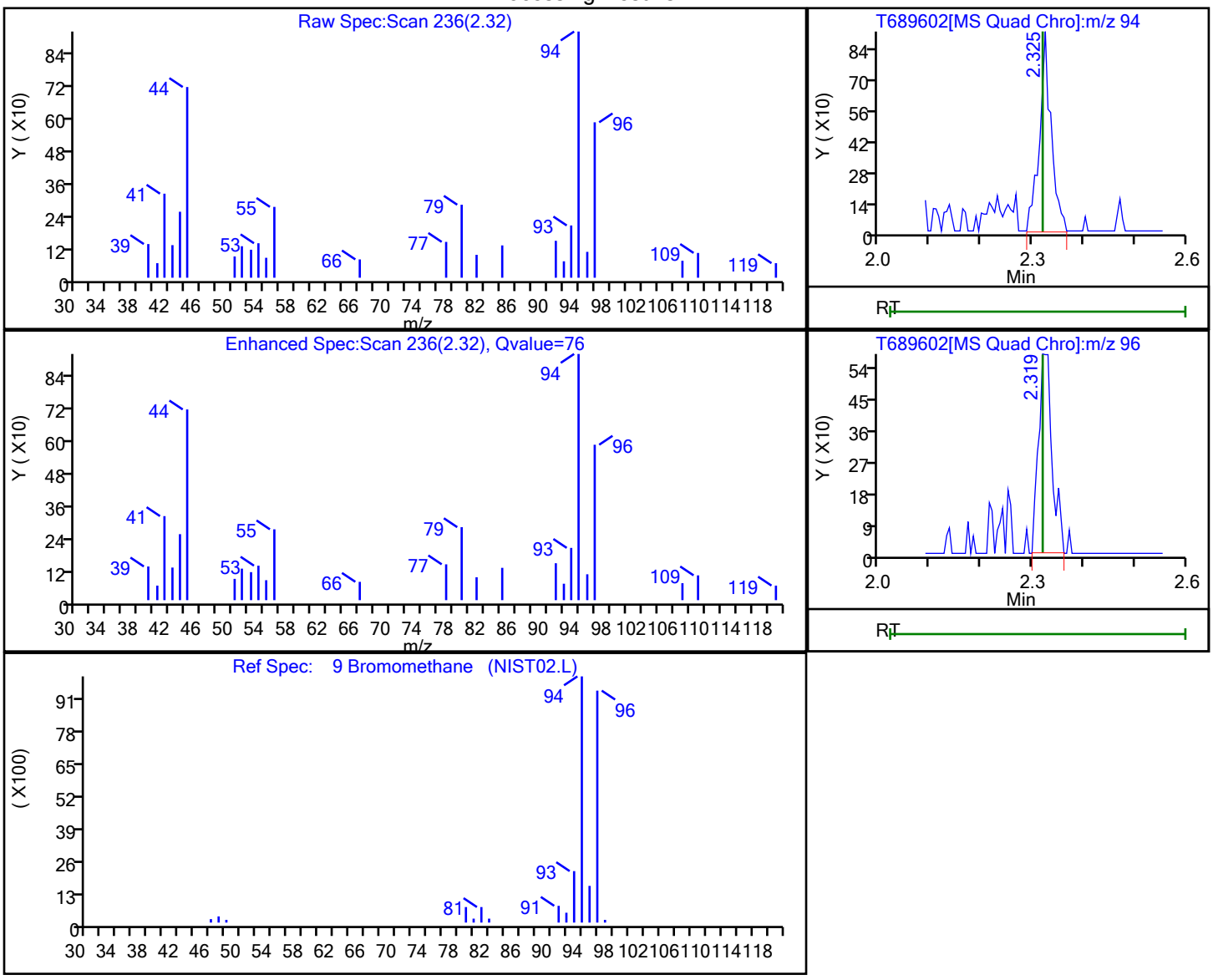
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.32	94.00	1454	0.554732
2.32	96.00	1089	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

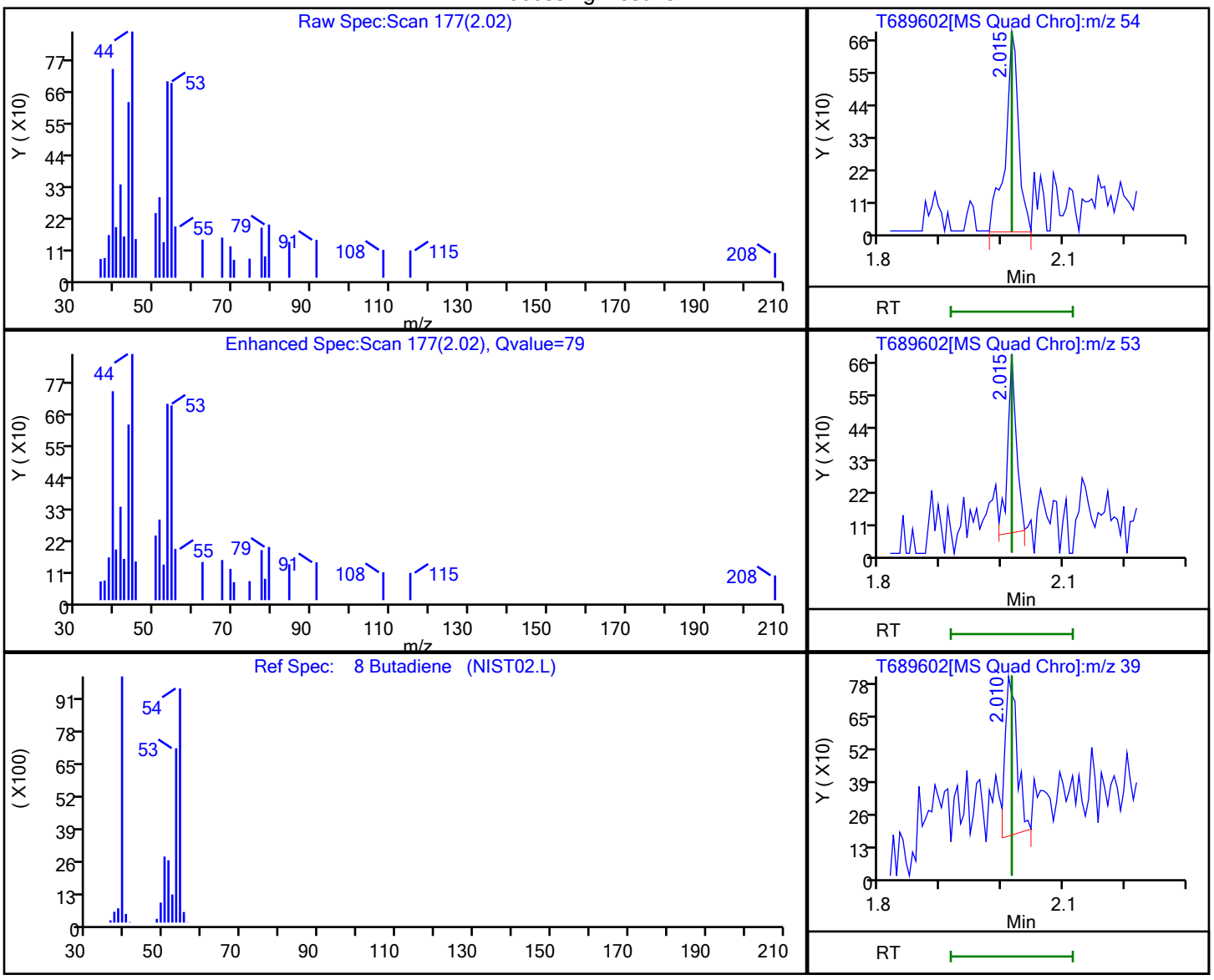
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
2.02	54.00	1011	0.284110
2.02	53.00	614	
2.01	39.00	877	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

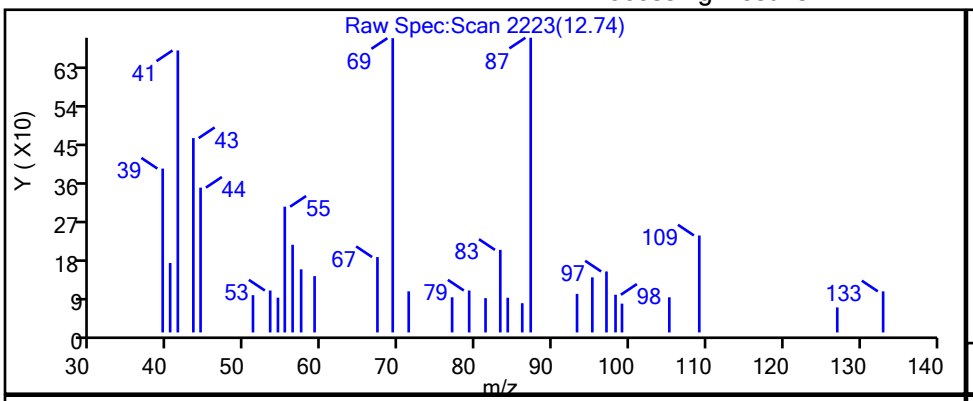
User Disabled Compound Report

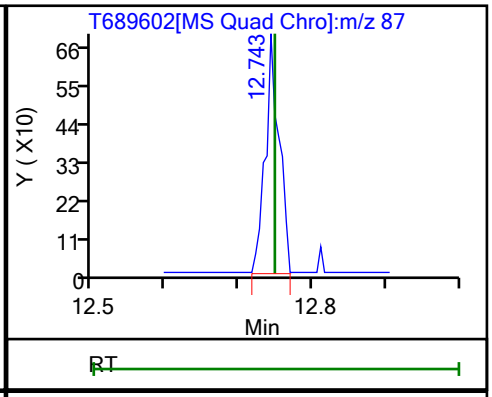
Eurofins Edison

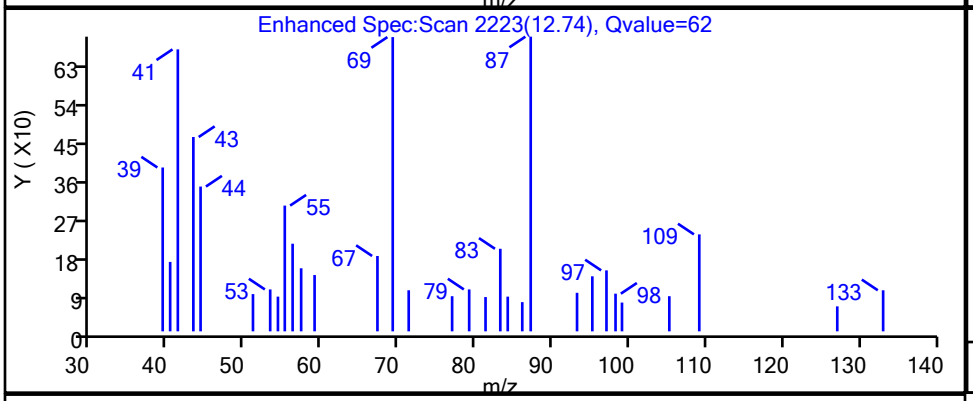
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

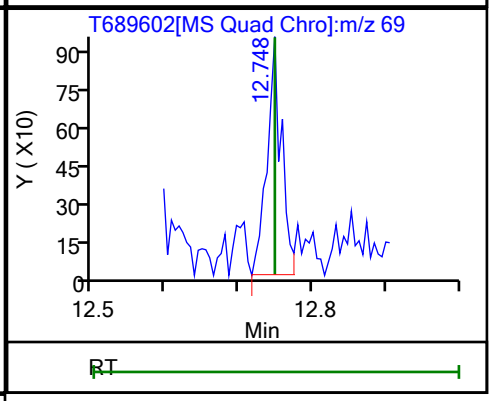
115 Butyl Methacrylate, CAS: 97-88-1

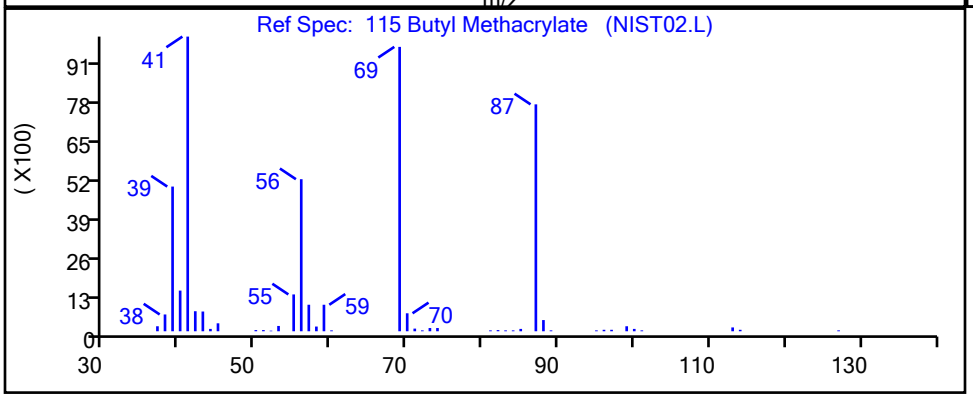
Processing Results











RT	Mass	Response	Amount
12.74	87.00	906	0.204328
12.75	69.00	1315	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

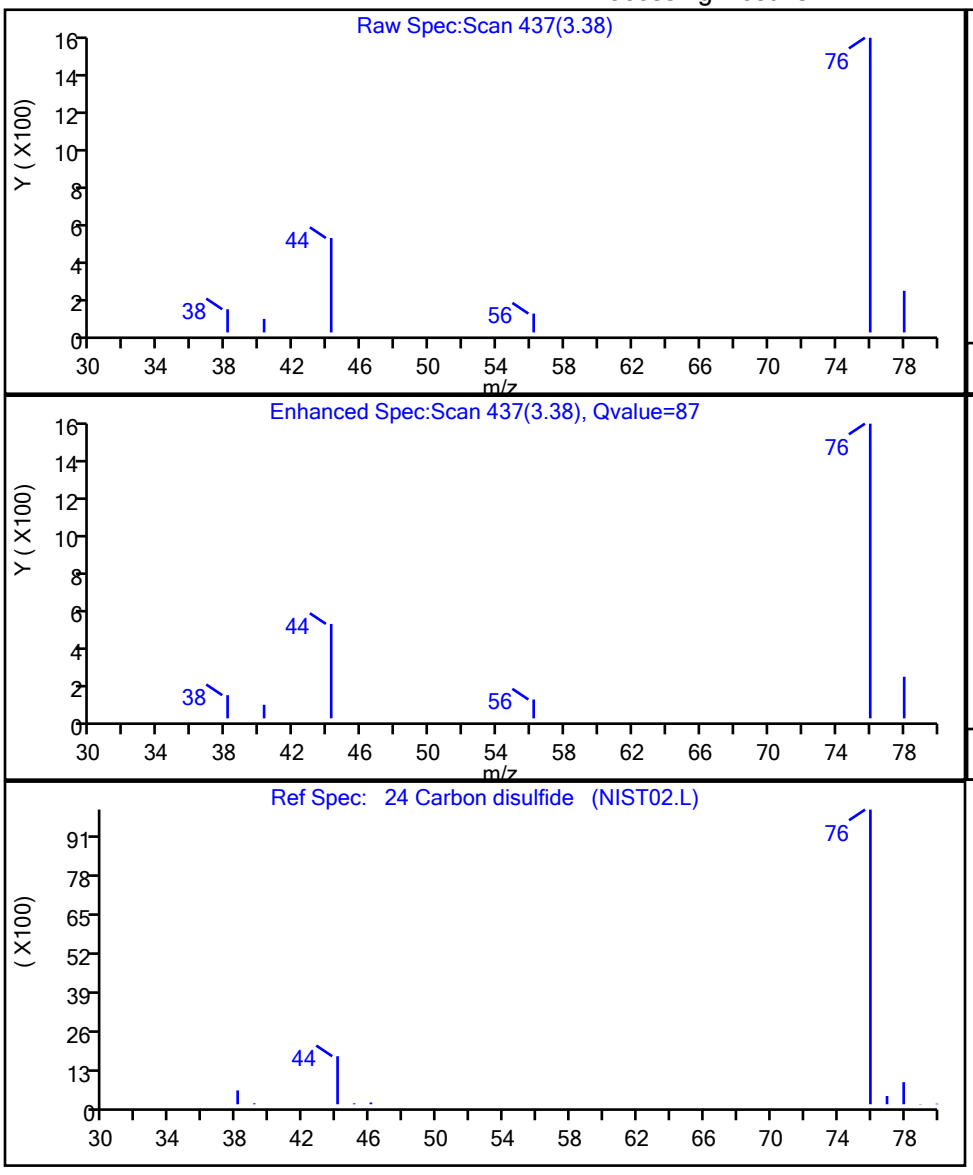
User Disabled Compound Report

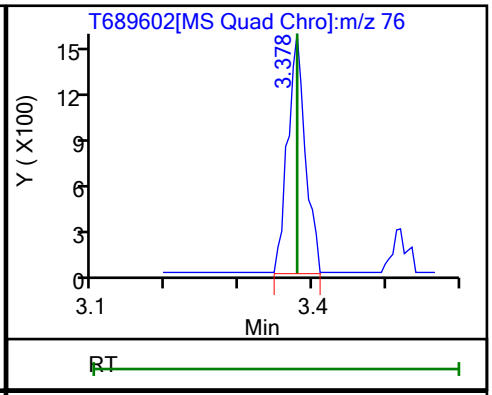
Eurofins Edison

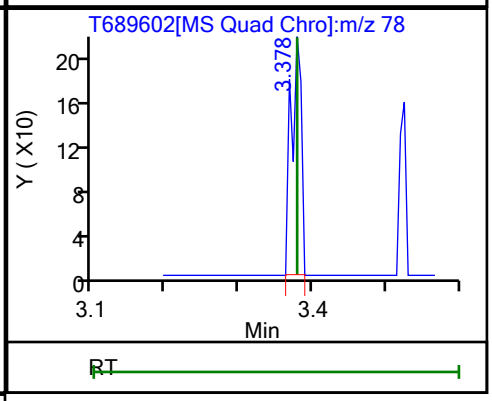
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Processing Results







RT	Mass	Response	Amount
3.38	76.00	2489	0.238568
3.38	78.00	207	

Reviewer: FK2C, 19-Apr-2025 09:14:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

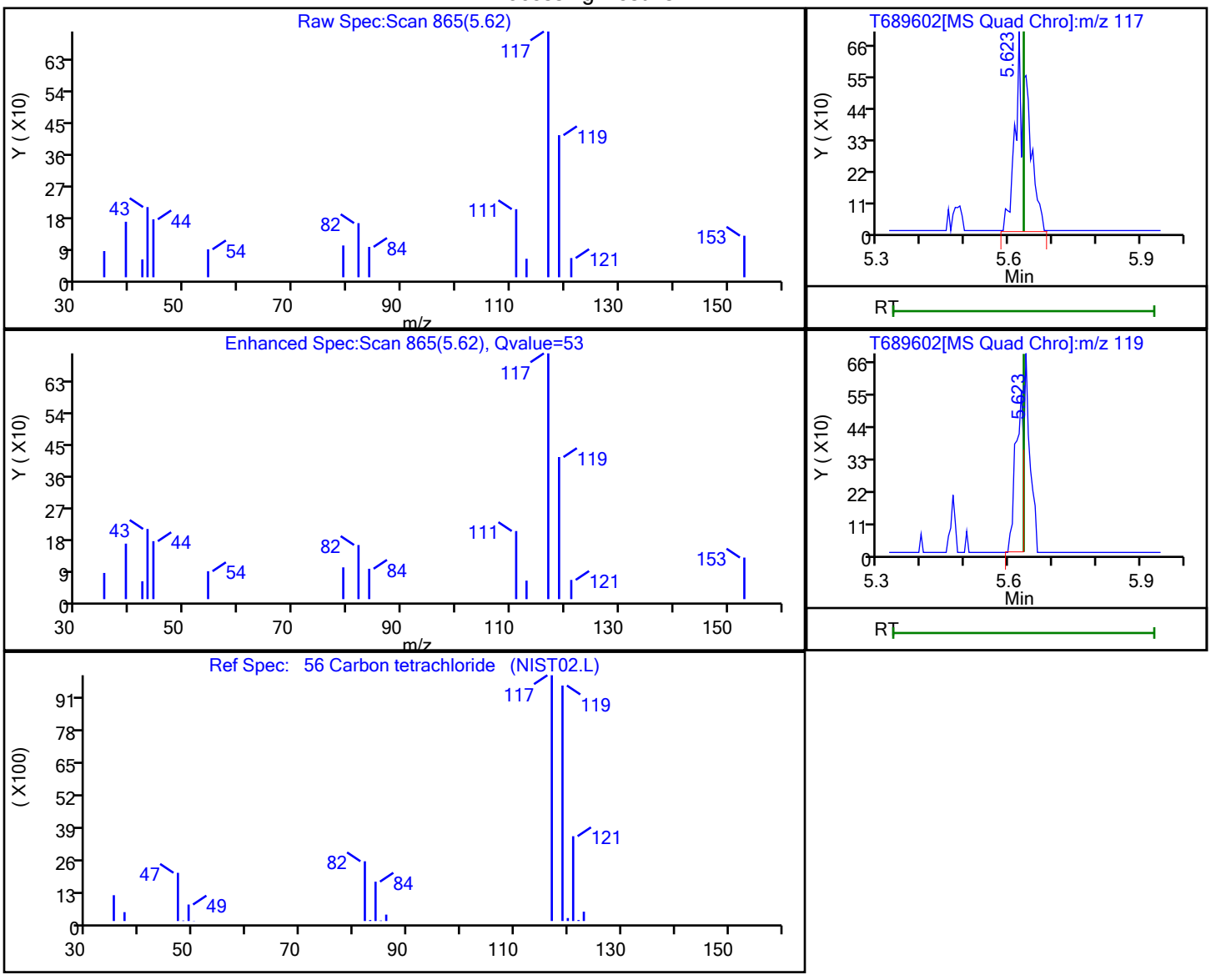
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
5.62	117.00	1449	0.231030
5.62	119.00	703	

Reviewer: FK2C, 19-Apr-2025 09:14:33 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

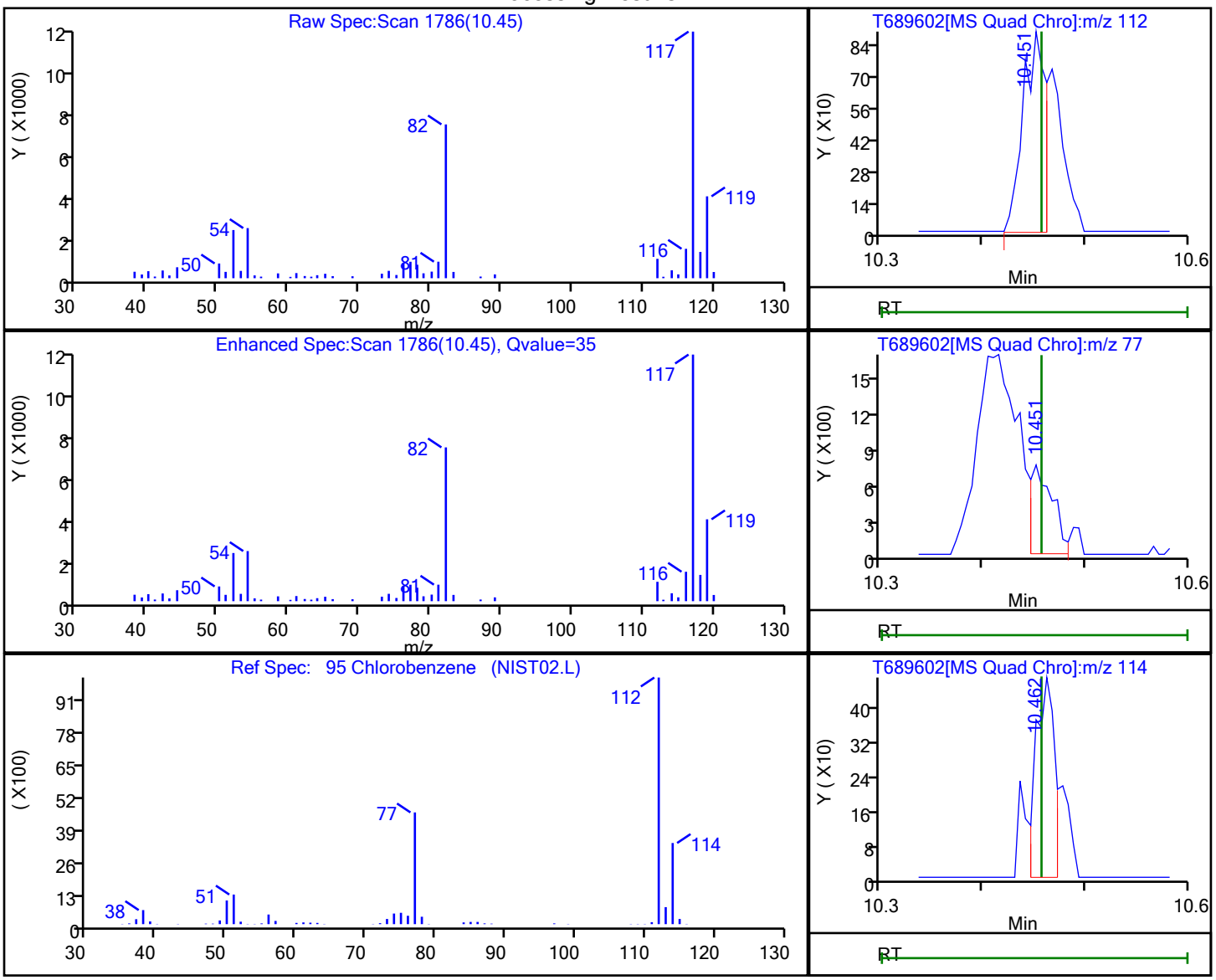
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
10.45	112.00	1361	0.133420
10.45	77.00	1165	
10.46	114.00	593	

Reviewer: FK2C, 19-Apr-2025 09:17:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

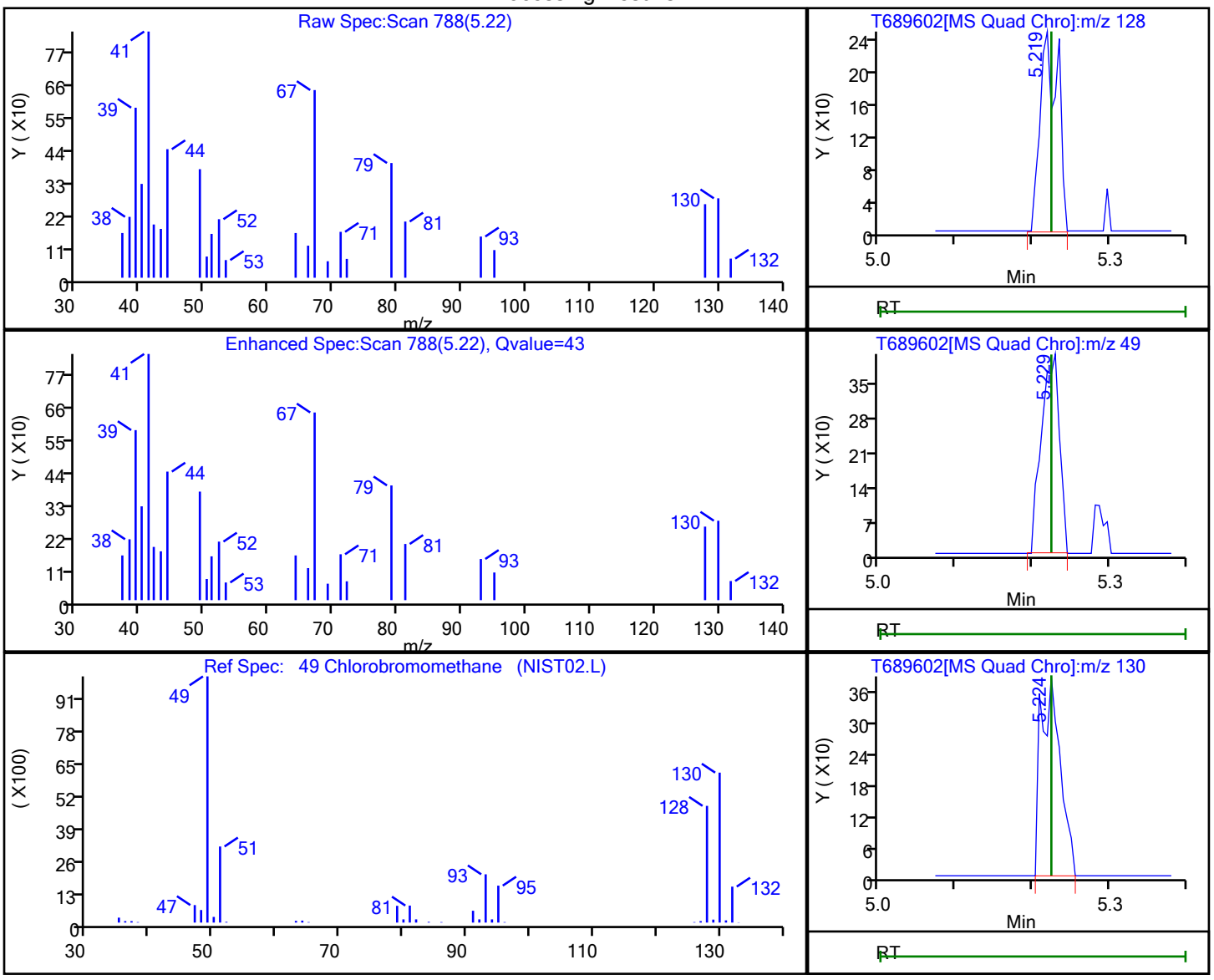
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

49 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
5.22	128.00	404	0.214365
5.23	49.00	665	
5.22	130.00	680	

Reviewer: FK2C, 19-Apr-2025 09:14:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

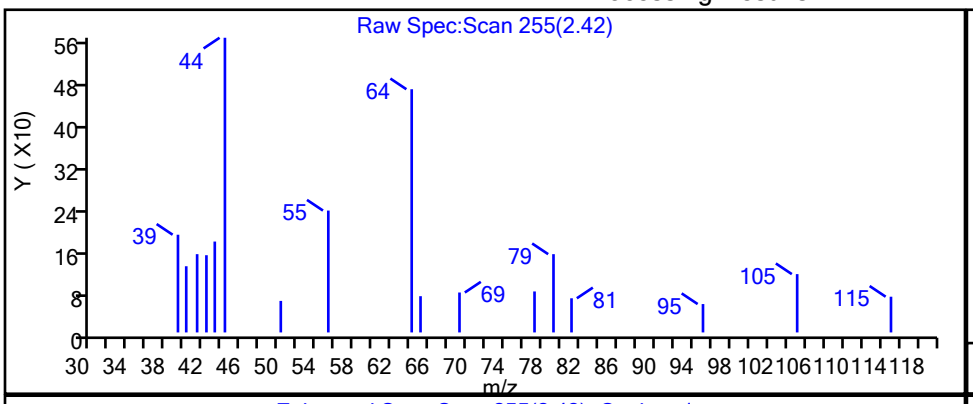
User Disabled Compound Report

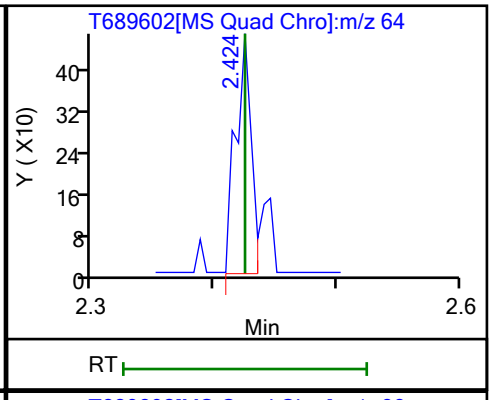
Eurofins Edison

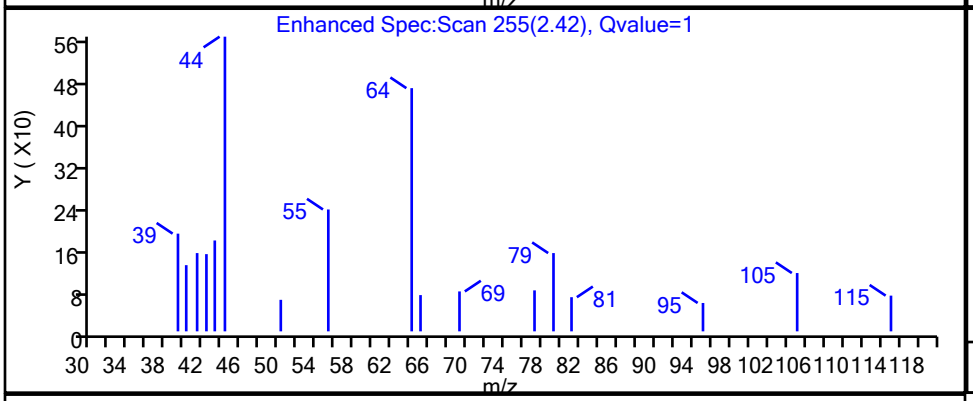
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

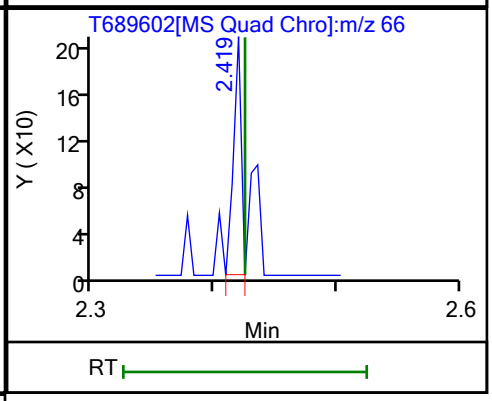
10 Chloroethane, CAS: 75-00-3

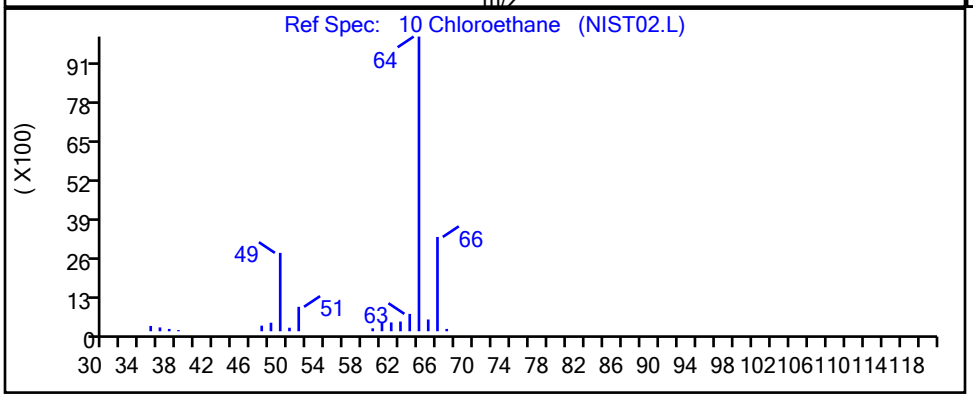
Processing Results











RT	Mass	Response	Amount
2.42	64.00	414	0.194069
2.42	66.00	88	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

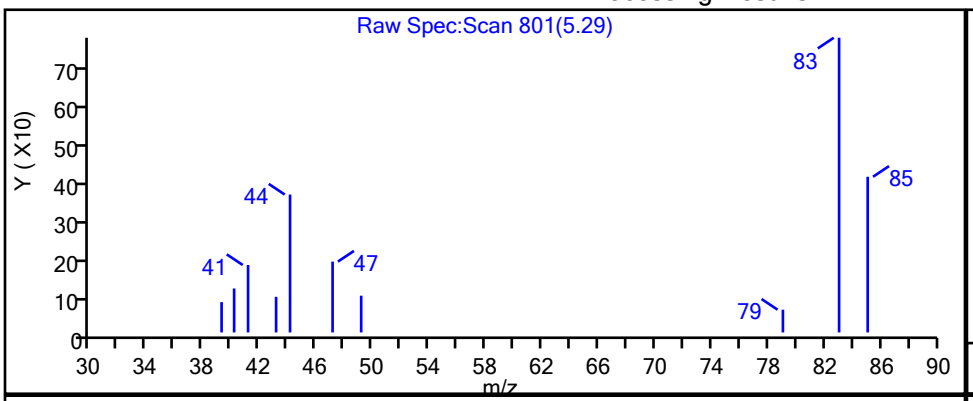
User Disabled Compound Report

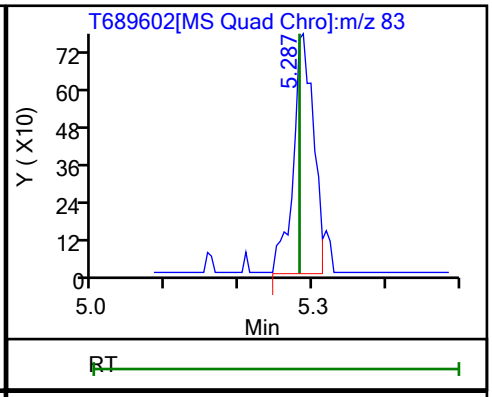
Eurofins Edison

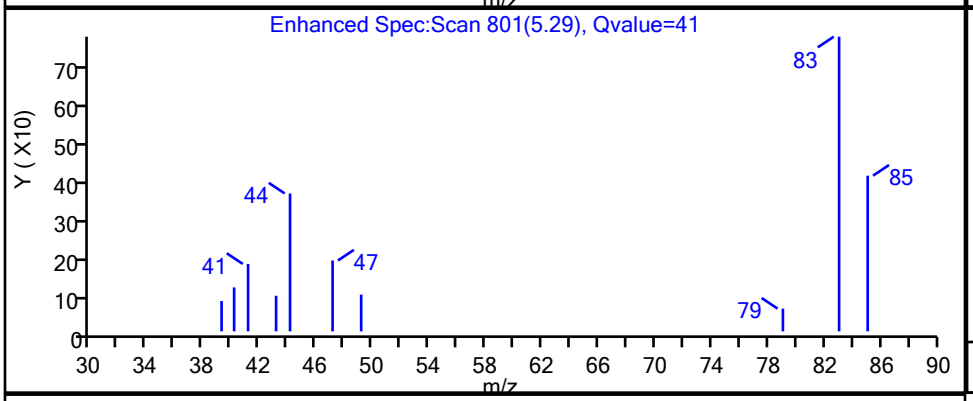
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

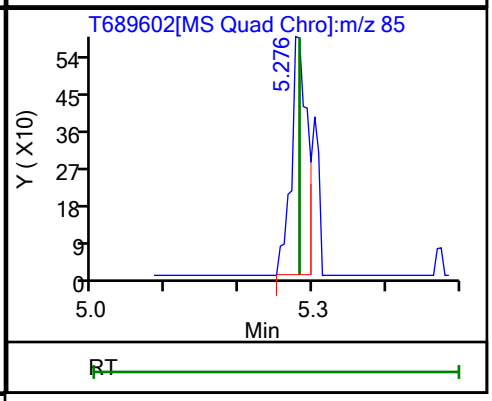
52 Chloroform, CAS: 67-66-3

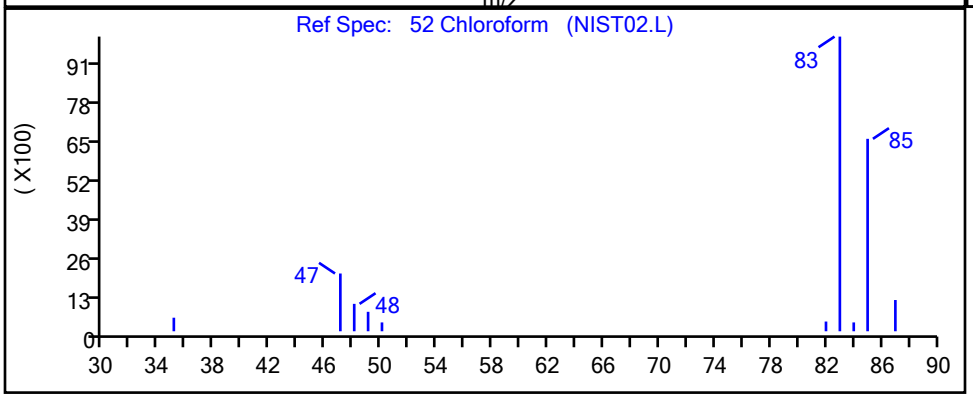
Processing Results











RT	Mass	Response	Amount
5.29	83.00	1491	0.202566
5.28	85.00	881	

Reviewer: FK2C, 19-Apr-2025 09:14:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

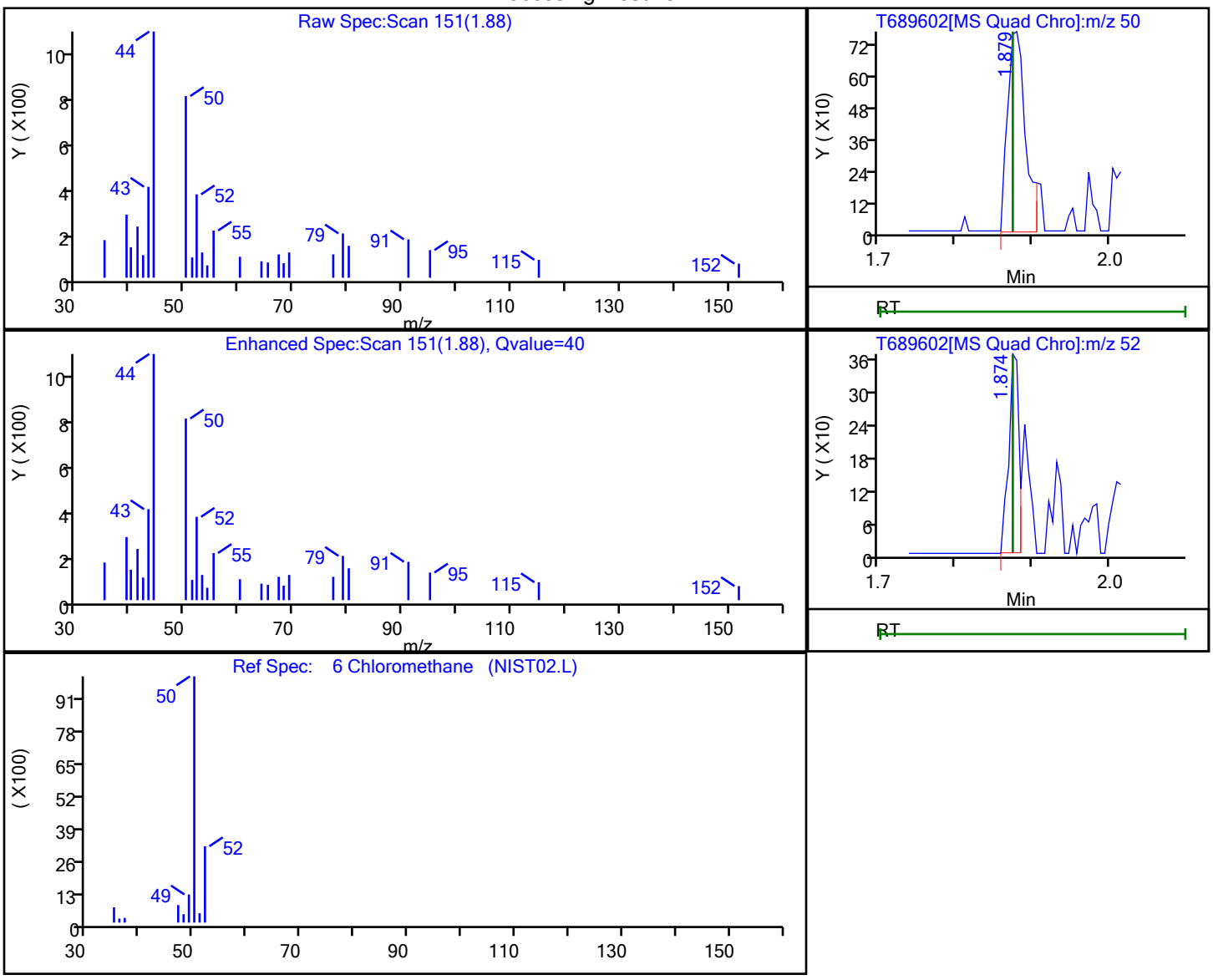
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.88	50.00	1251	0.288716
1.87	52.00	341	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

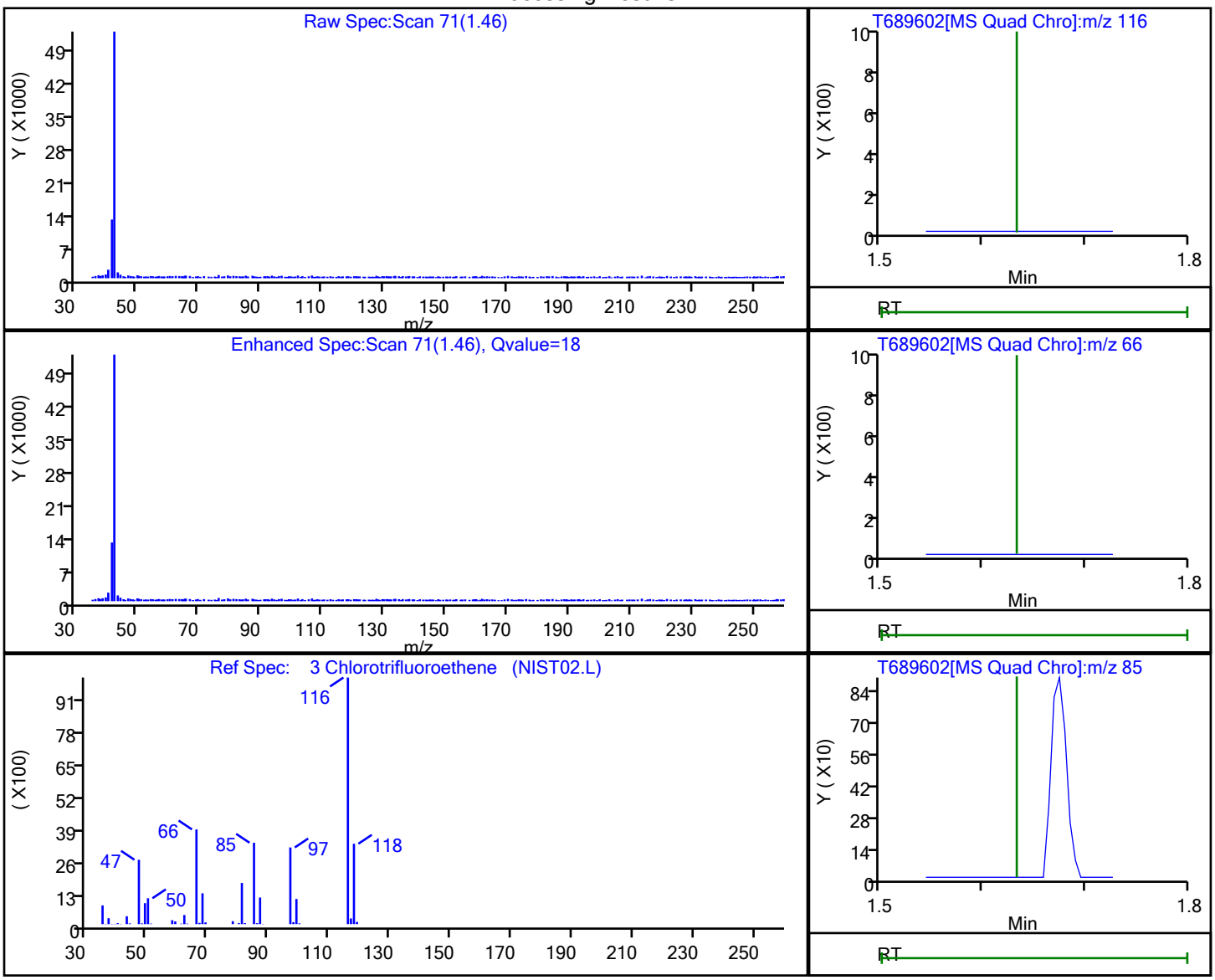
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.46	116.00	678	0.830583
1.46	66.00	148	
1.46	85.00	757	
1.45	118.00	607	

Reviewer: FK2C, 19-Apr-2025 09:20:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

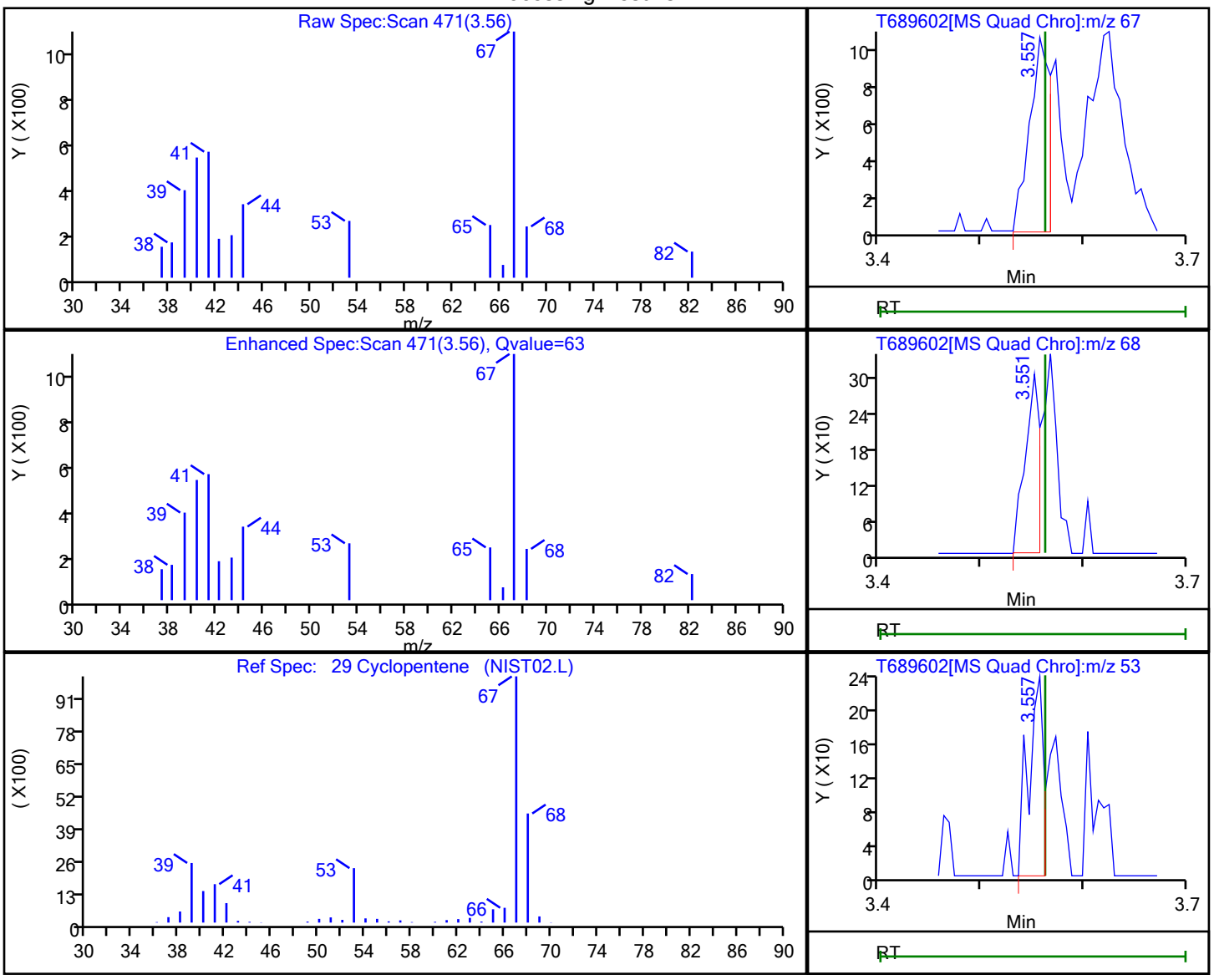
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
3.56	67.00	1412	0.160515
3.55	68.00	304	
3.56	53.00	242	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

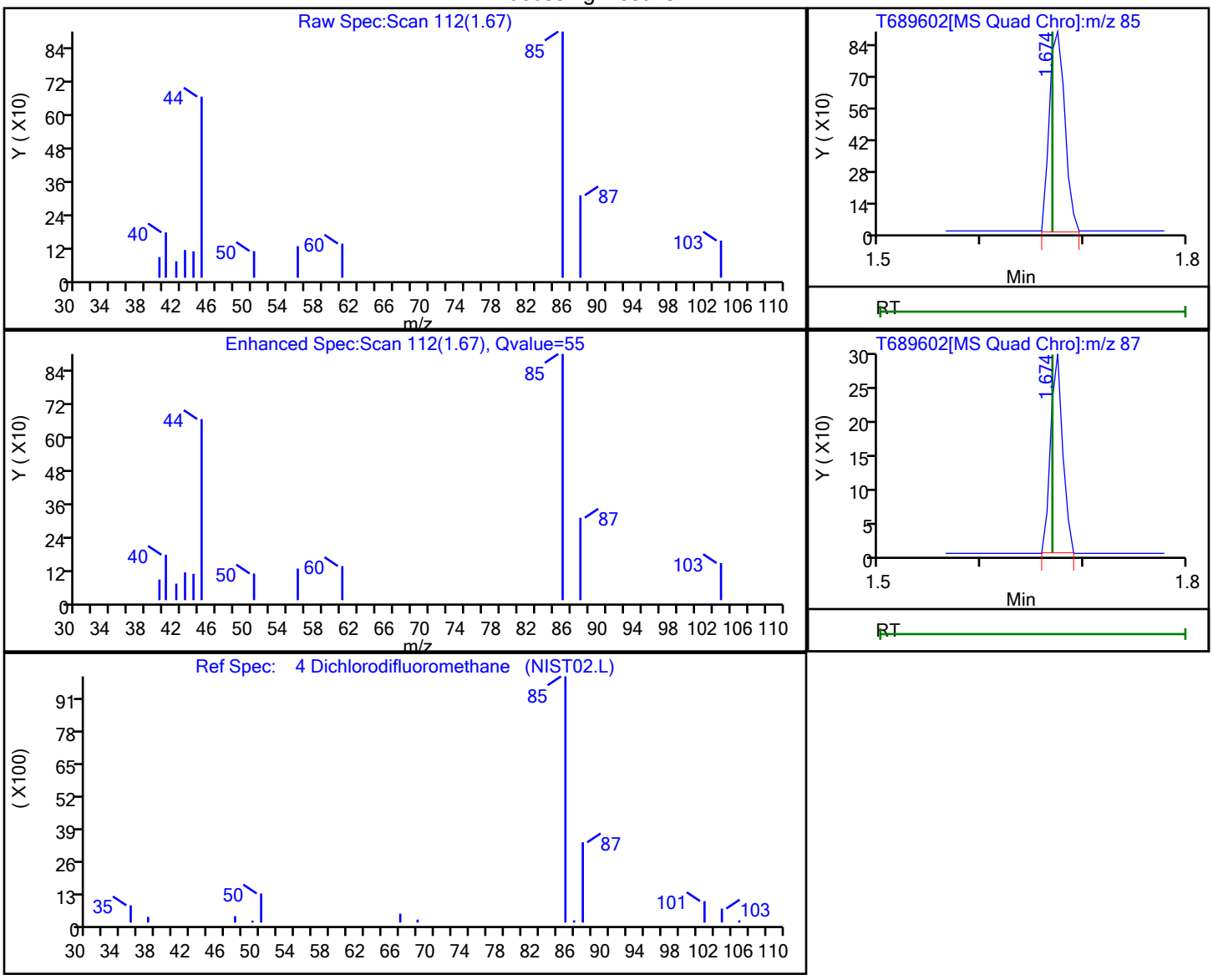
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.67	85.00	944	0.190088
1.67	87.00	249	

Reviewer: FK2C, 19-Apr-2025 09:20:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

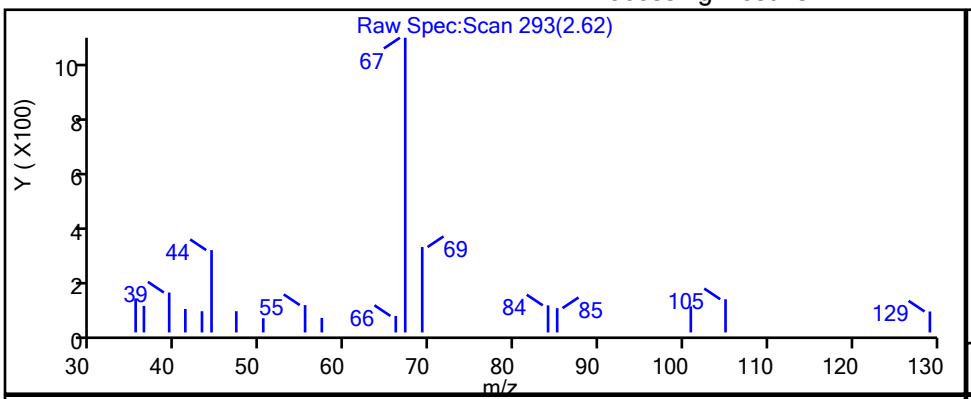
User Disabled Compound Report

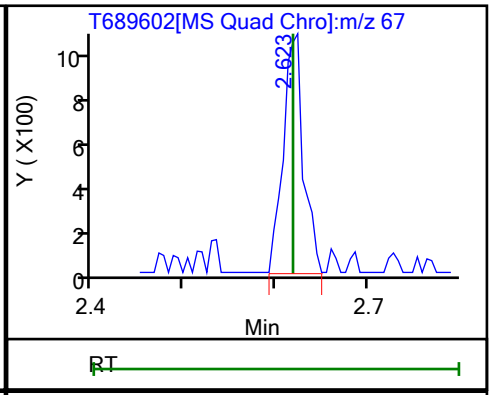
Eurofins Edison

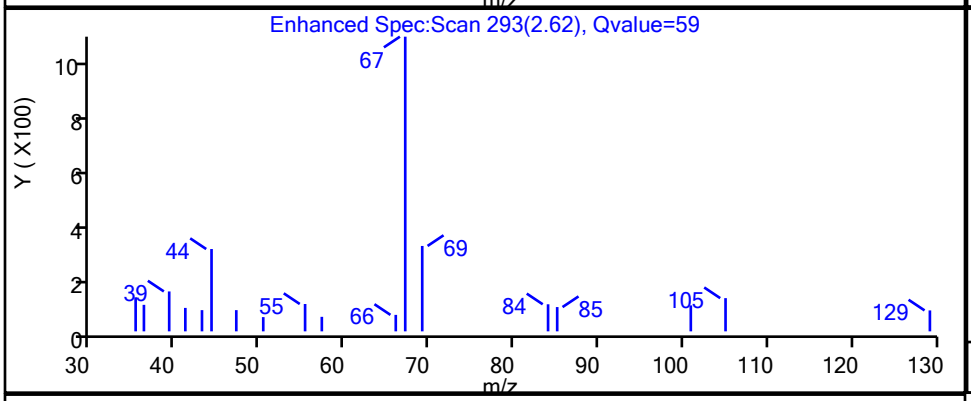
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

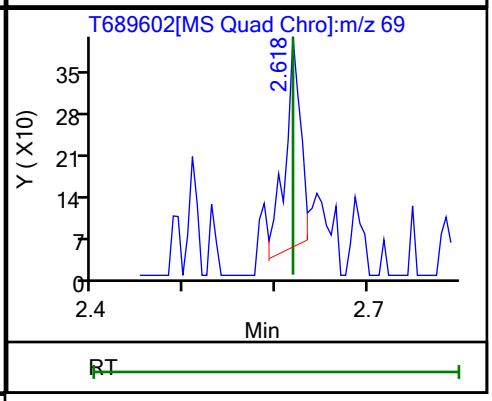
11 Dichlorofluoromethane, CAS: 75-43-4

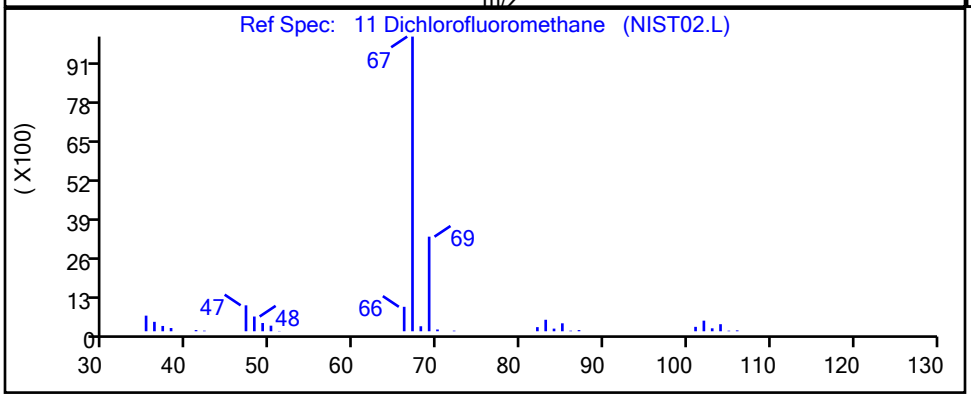
Processing Results











RT	Mass	Response	Amount
2.62	67.00	1609	0.226926
2.62	69.00	417	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

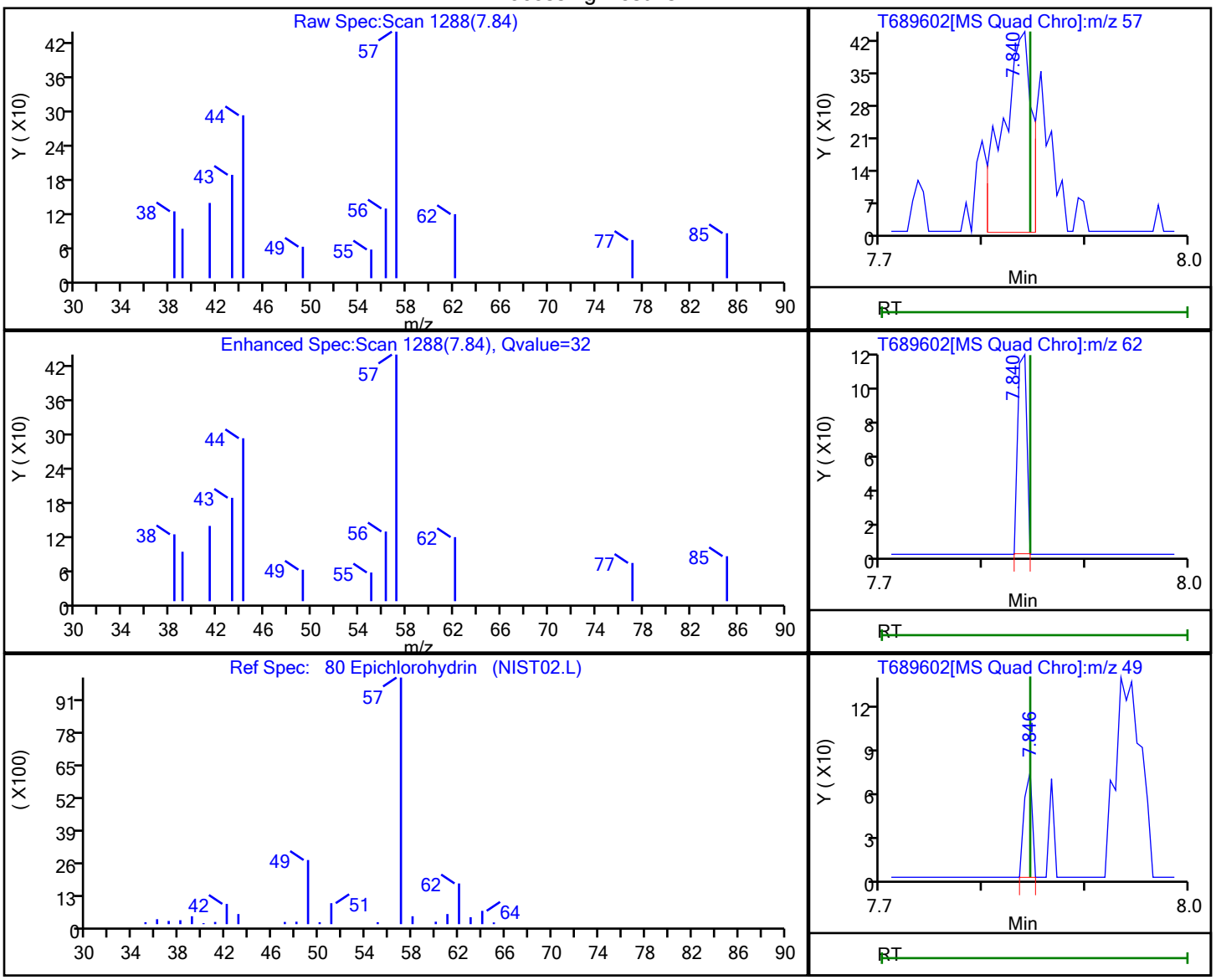
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Processing Results



RT	Mass	Response	Amount
7.84	57.00	872	2.102945
7.84	62.00	70	
7.85	49.00	41	

Reviewer: FK2C, 19-Apr-2025 09:17:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

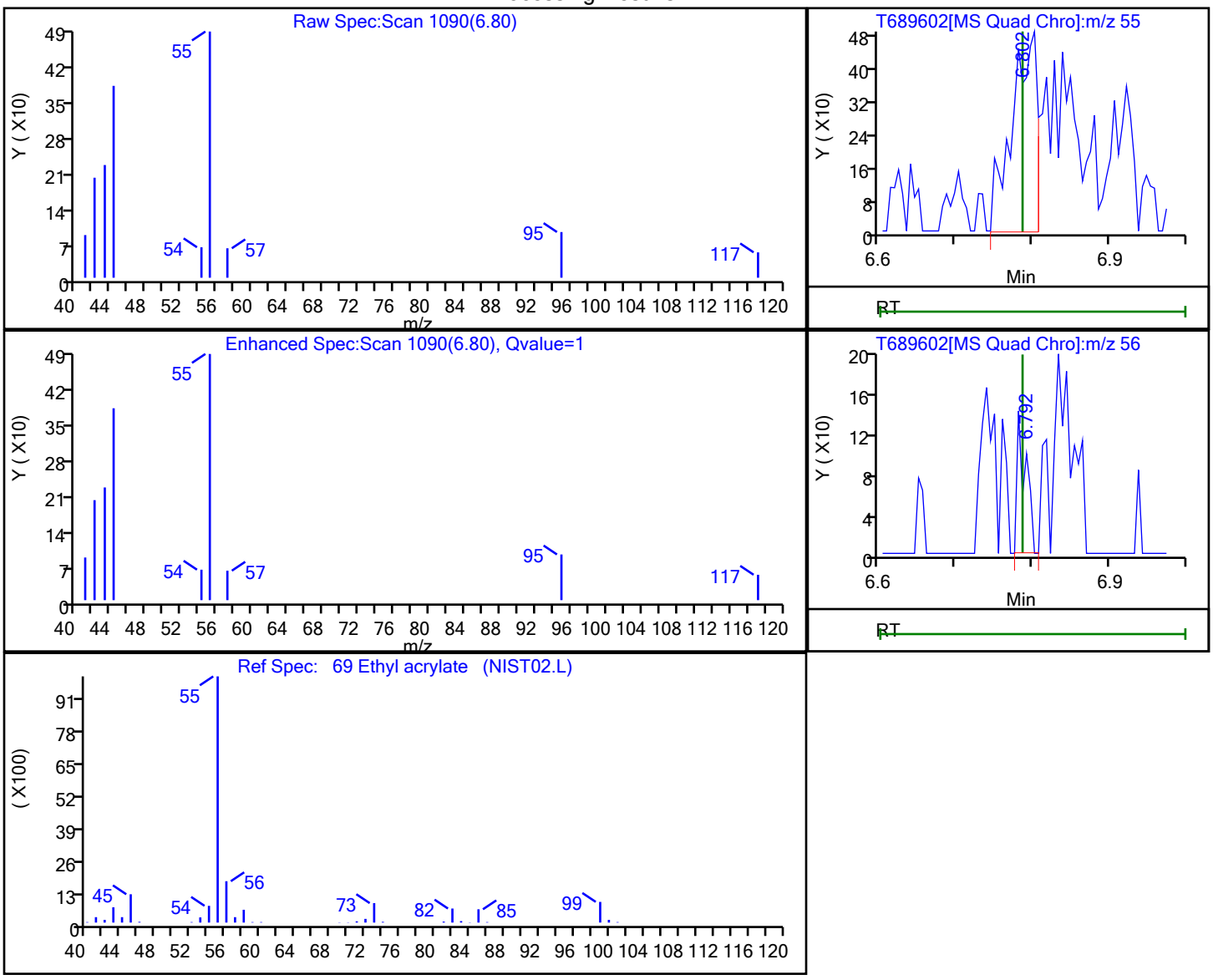
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
6.80	55.00	1106	0.275368
6.79	56.00	112	

Reviewer: FK2C, 19-Apr-2025 09:16:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

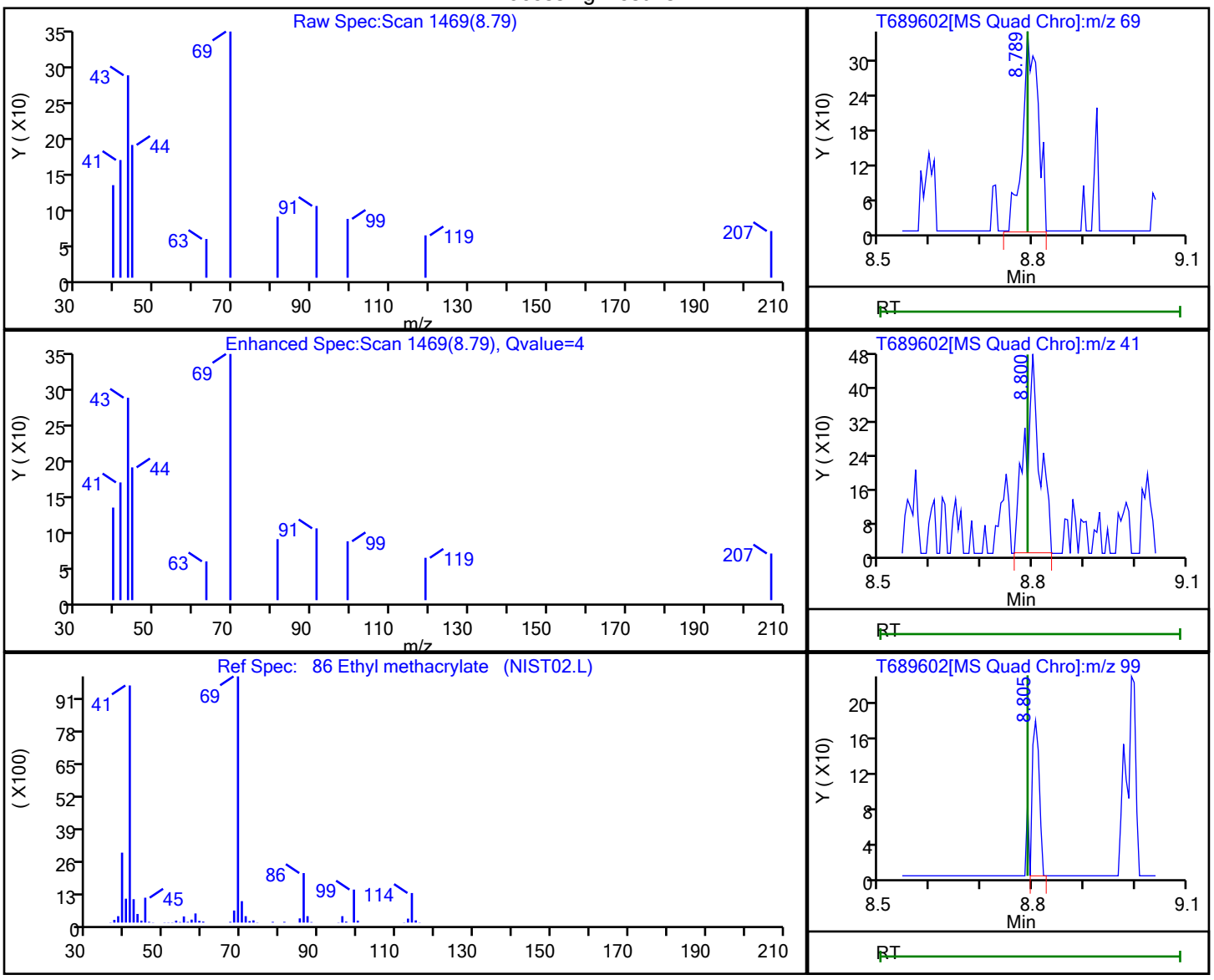
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
8.79	69.00	726	0.170929
8.80	41.00	953	
8.81	99.00	163	

Reviewer: FK2C, 19-Apr-2025 09:17:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

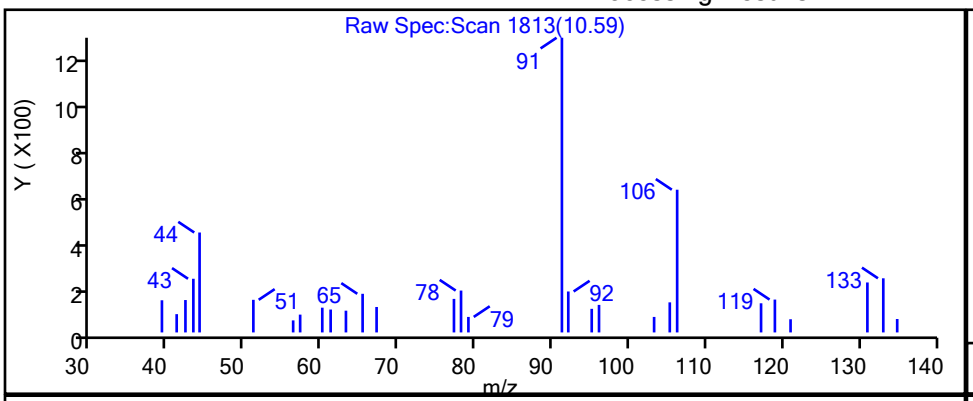
User Disabled Compound Report

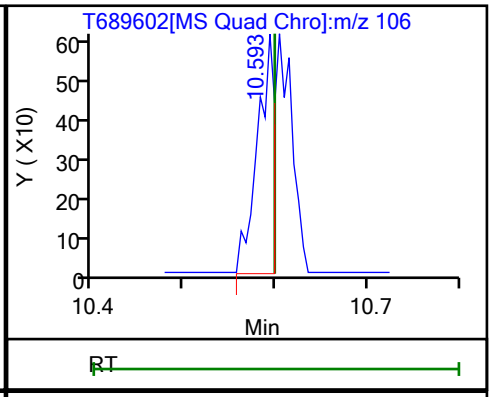
Eurofins Edison

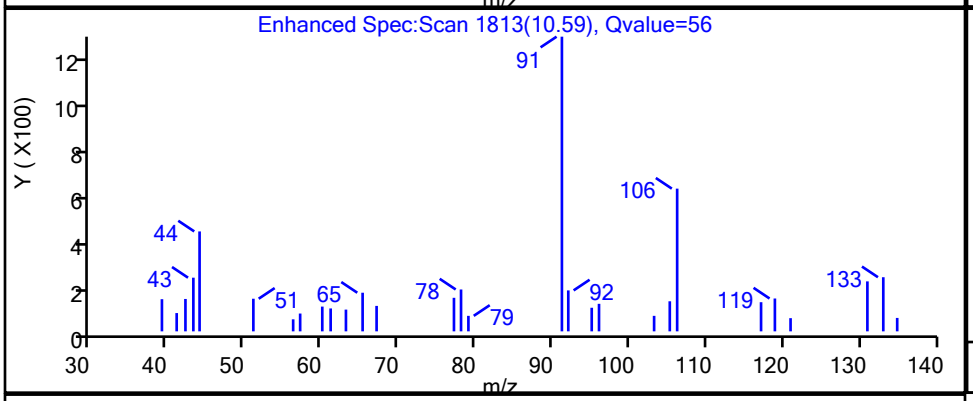
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

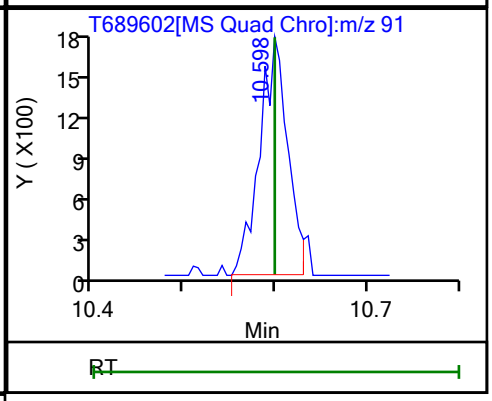
97 Ethylbenzene, CAS: 100-41-4

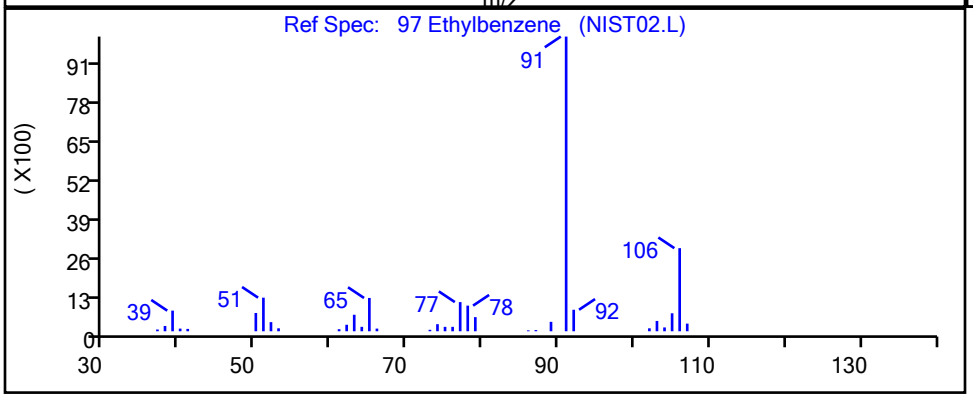
Processing Results











RT	Mass	Response	Amount
10.59	106.00	799	0.139246
10.60	91.00	3834	

Reviewer: FK2C, 19-Apr-2025 09:17:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

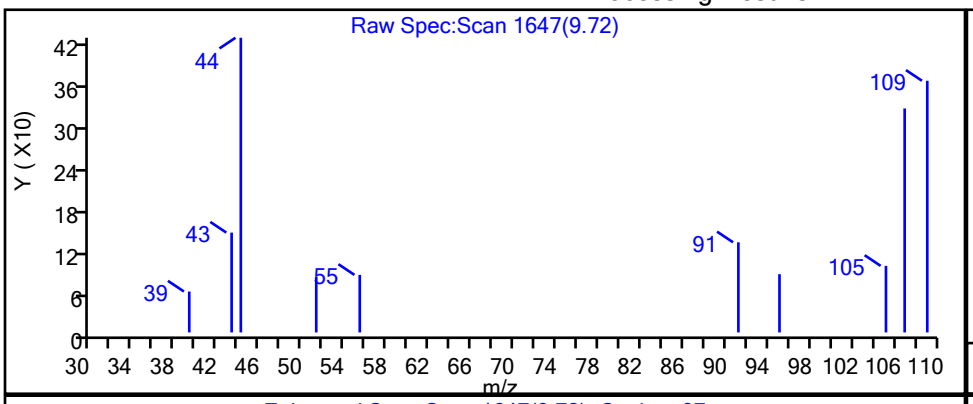
User Disabled Compound Report

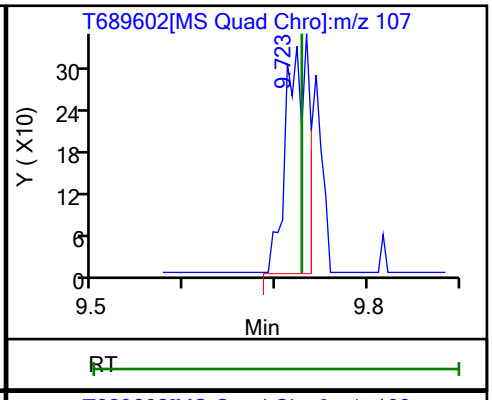
Eurofins Edison

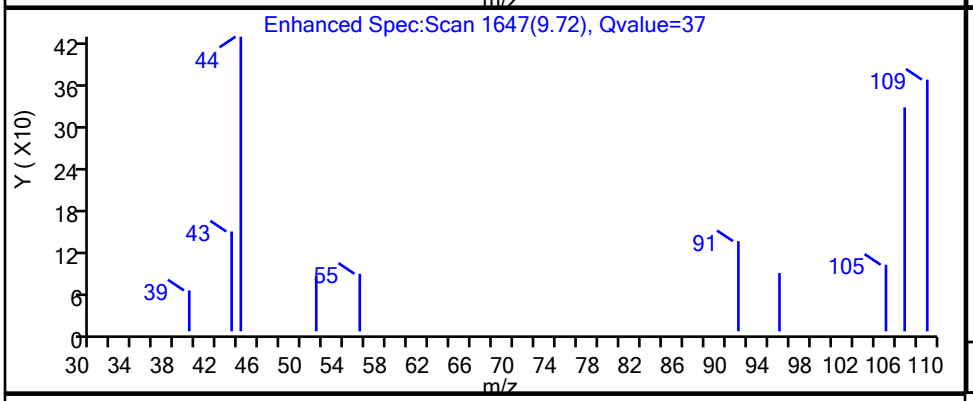
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

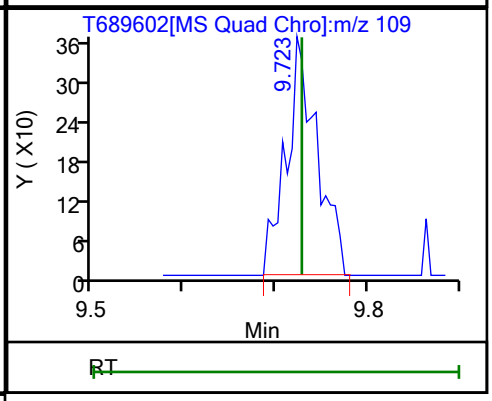
92 Ethylene Dibromide, CAS: 106-93-4

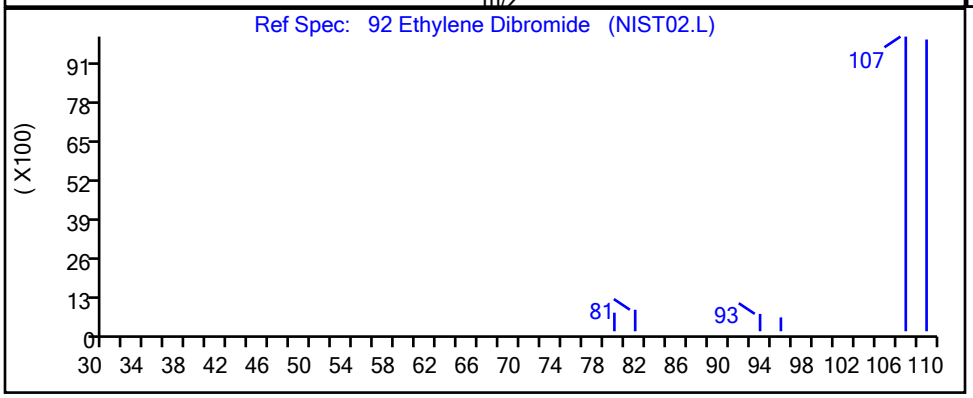
Processing Results











RT	Mass	Response	Amount
9.72	107.00	571	0.168976
9.72	109.00	850	

Reviewer: FK2C, 19-Apr-2025 09:17:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

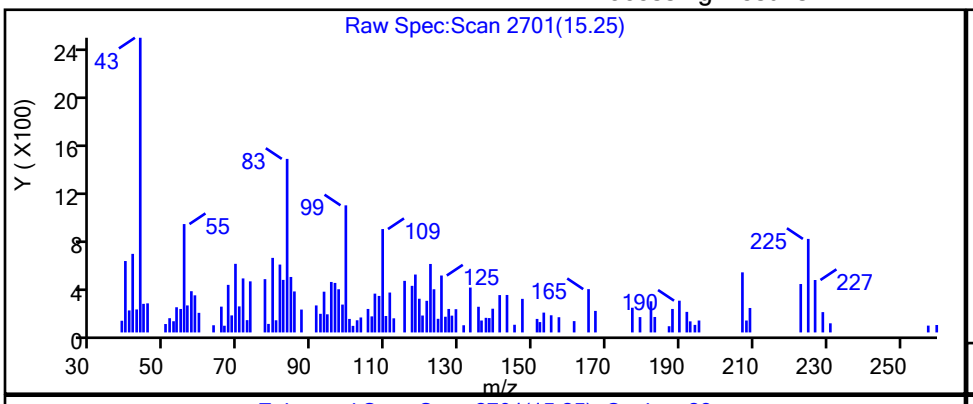
User Disabled Compound Report

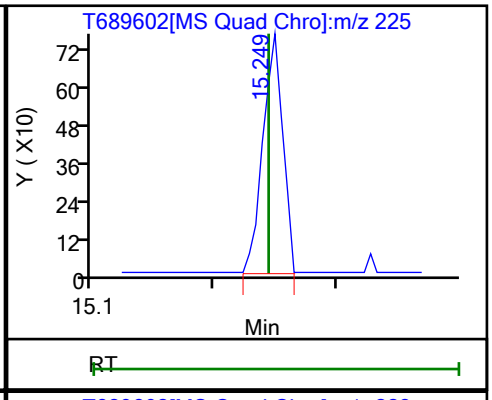
Eurofins Edison

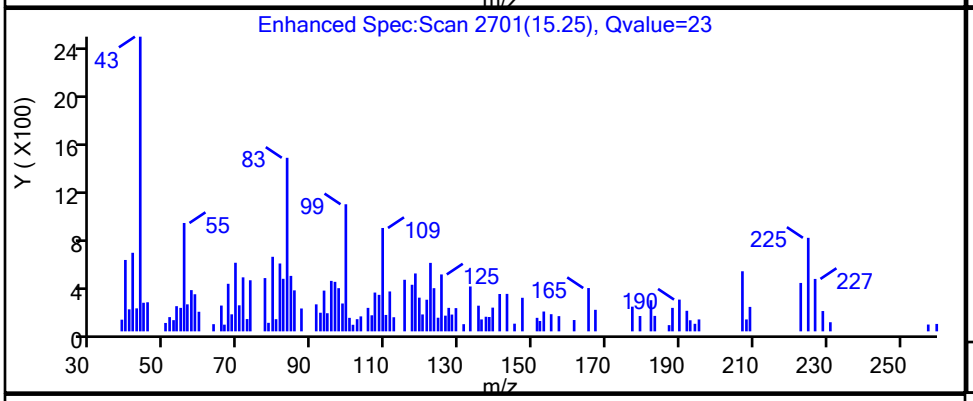
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

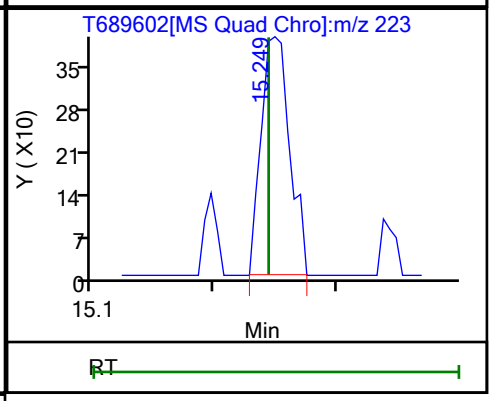
133 Hexachlorobutadiene, CAS: 87-68-3

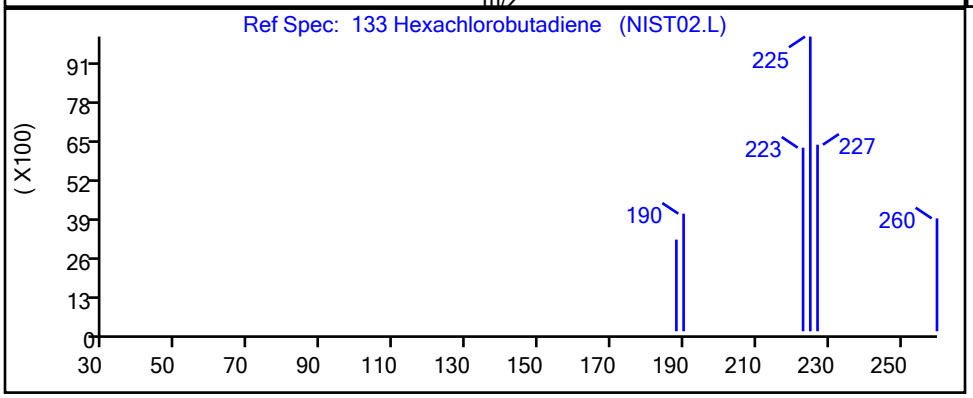
Processing Results











RT	Mass	Response	Amount
15.25	225.00	871	0.344093
15.25	223.00	651	

Reviewer: FK2C, 19-Apr-2025 09:18:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

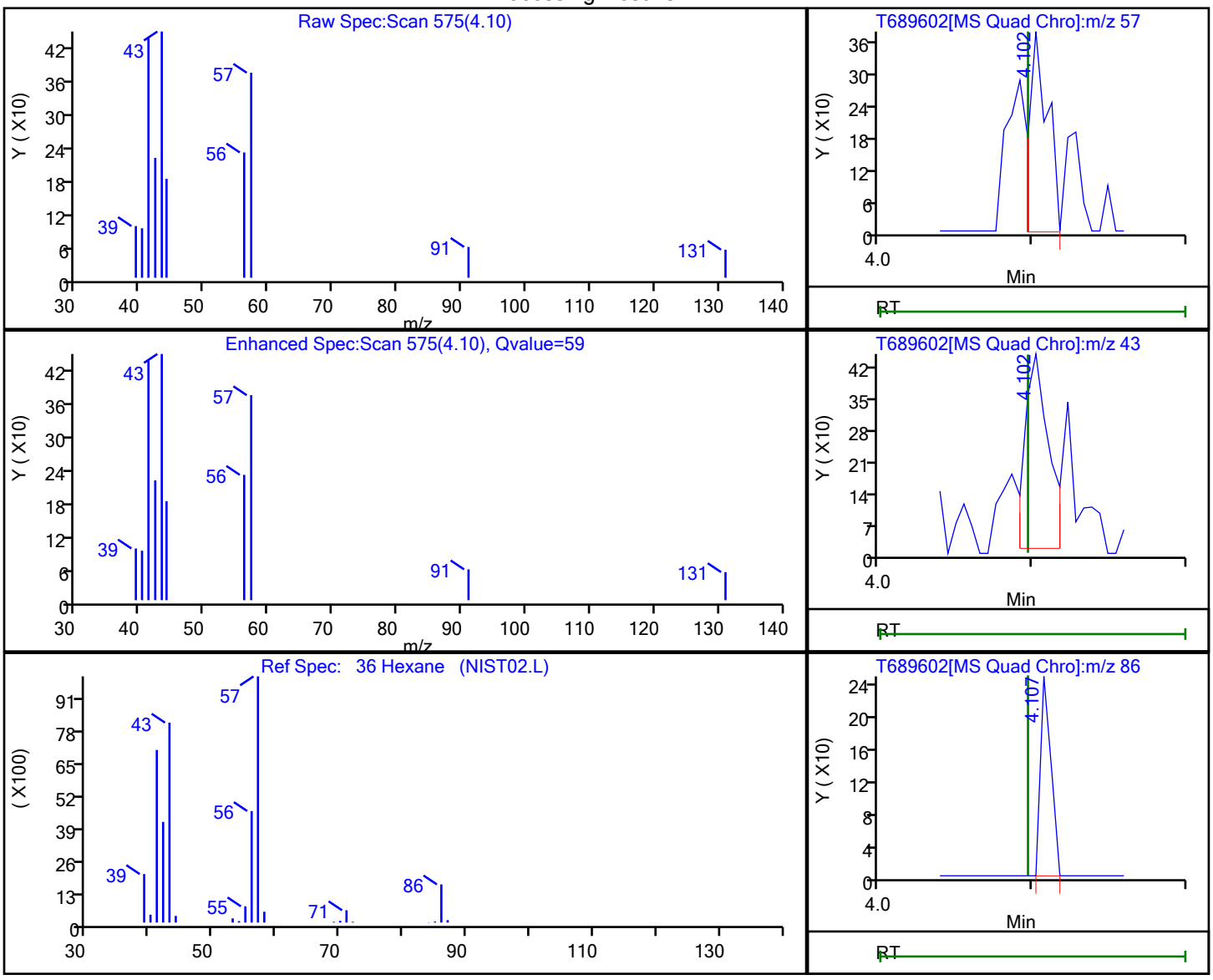
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
4.10	57.00	312	0.077212
4.10	43.00	478	
4.11	86.00	116	
4.11	56.00	155	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

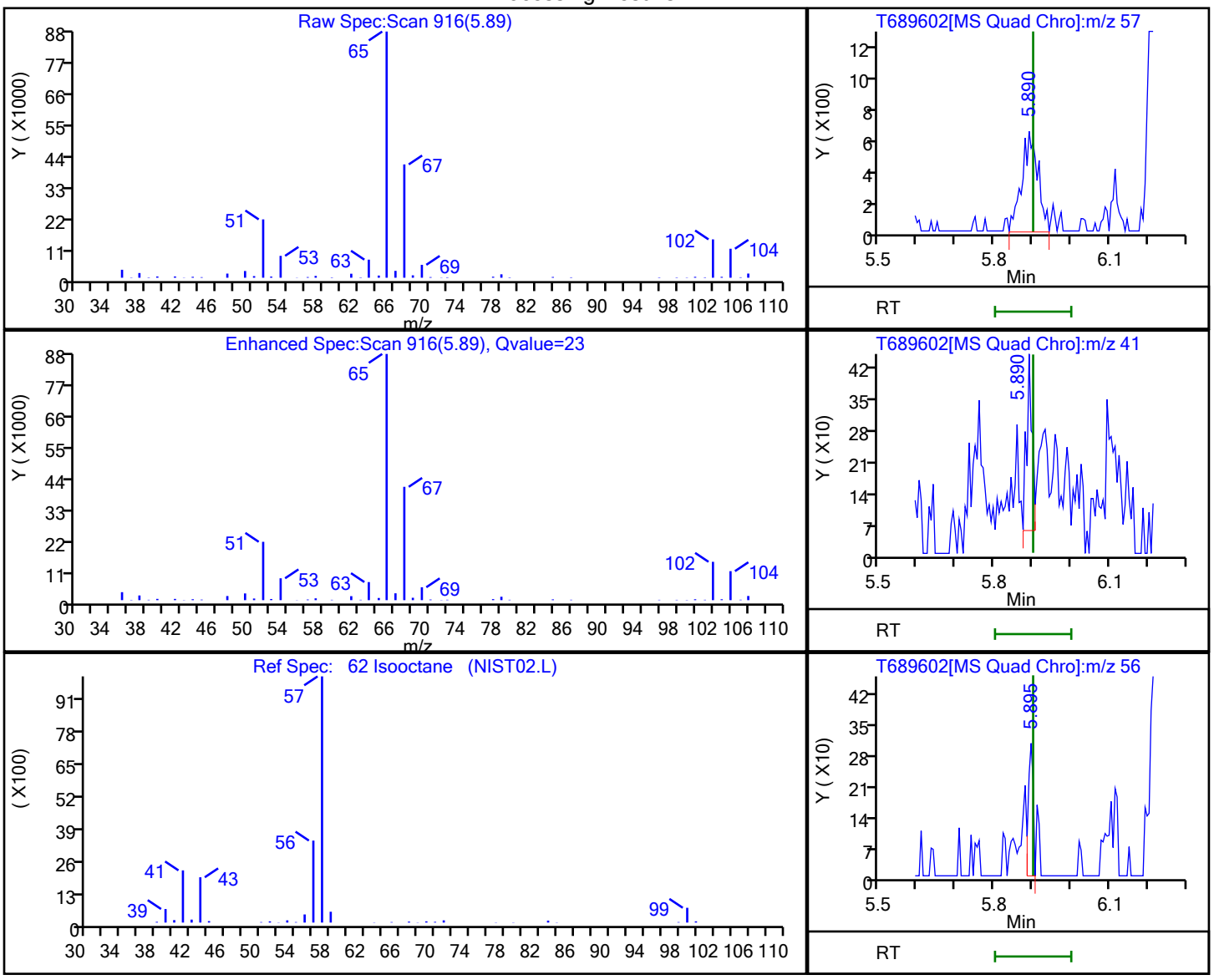
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
5.89	57.00	1871	0.253848
5.89	41.00	393	
5.90	56.00	263	

Reviewer: FK2C, 19-Apr-2025 09:14:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

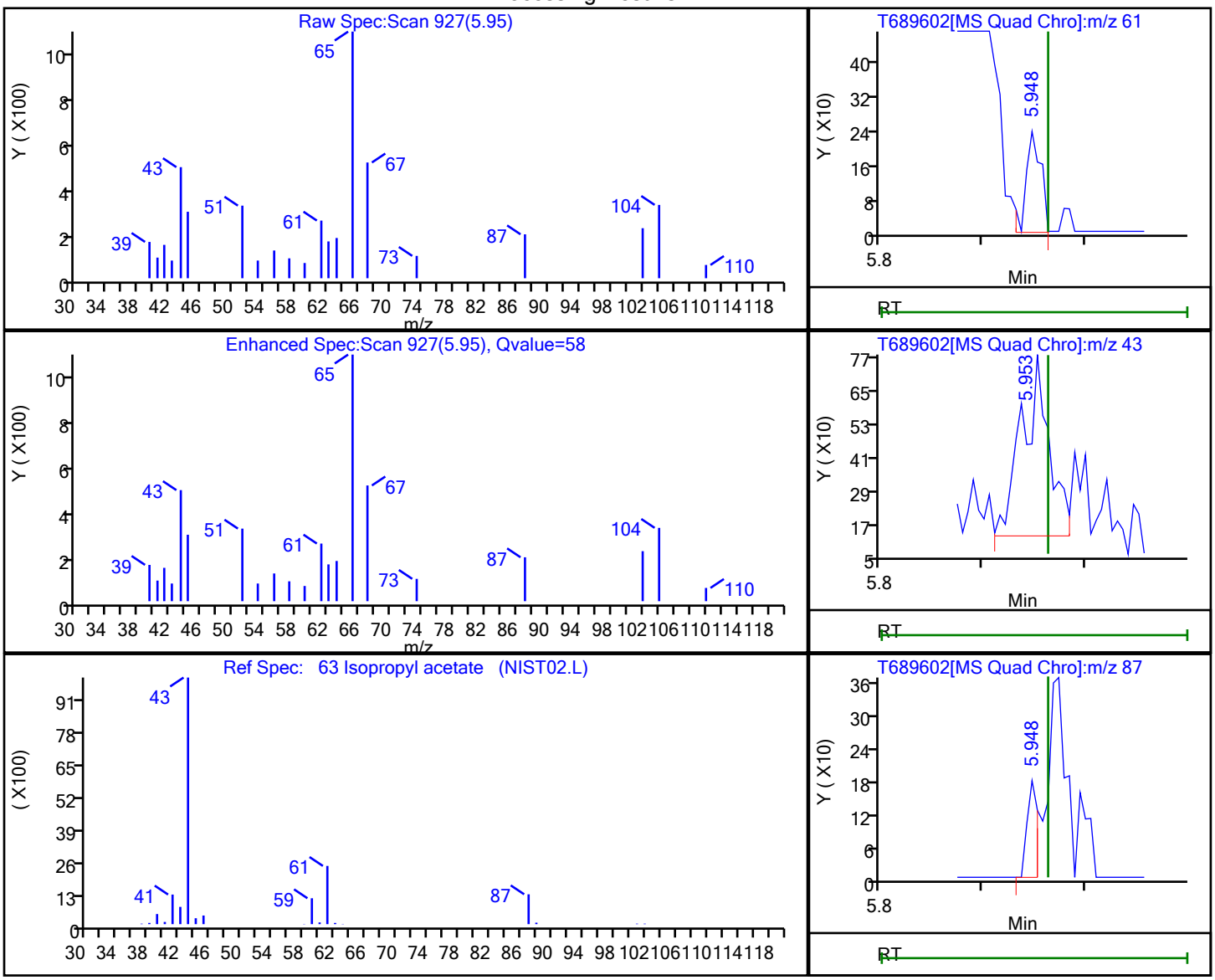
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
5.95	61.00	237	0.102235
5.95	43.00	1207	
5.95	87.00	126	

Reviewer: FK2C, 19-Apr-2025 09:16:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

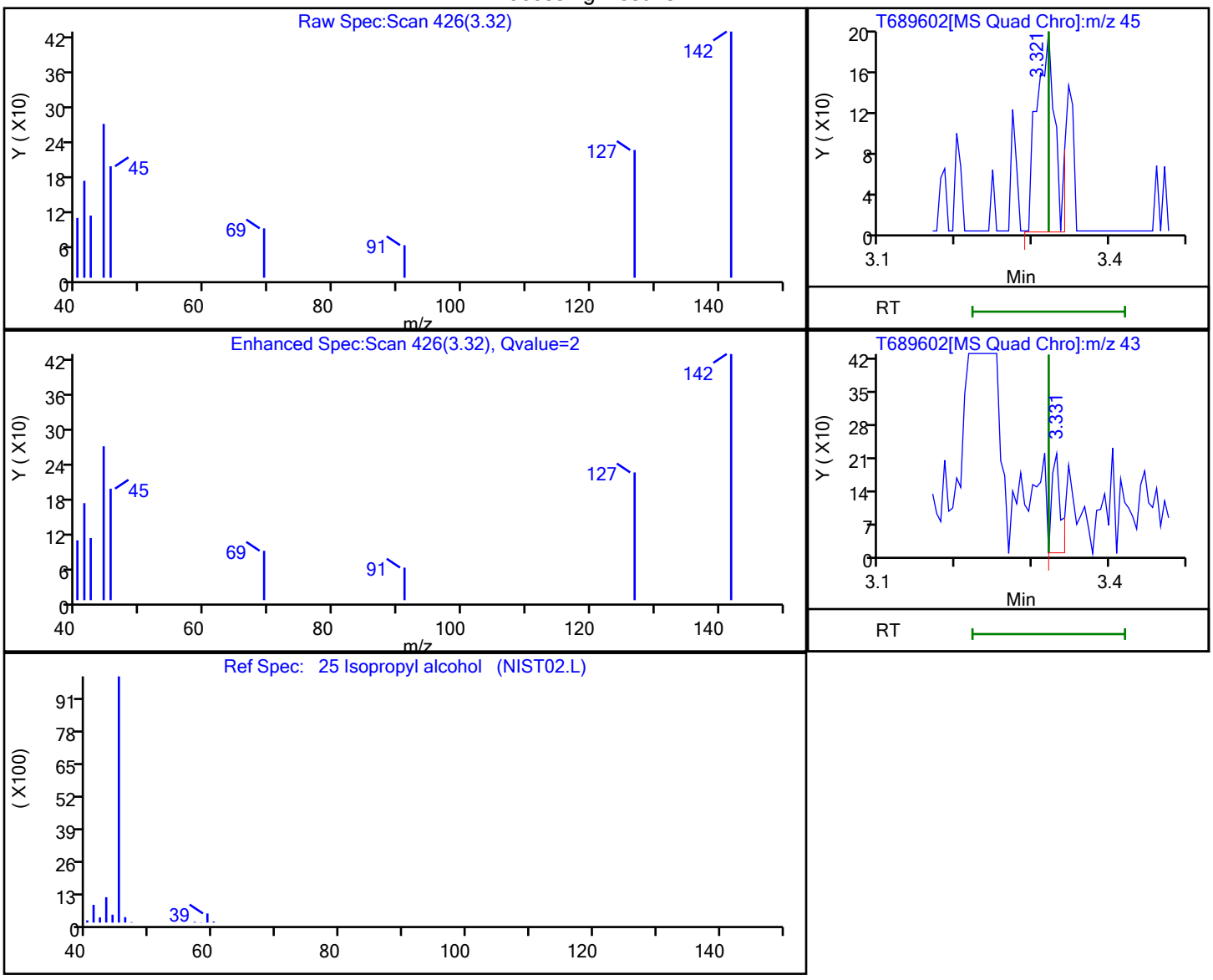
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
3.32	45.00	321	2.033894
3.33	43.00	167	

Reviewer: FK2C, 19-Apr-2025 09:14:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

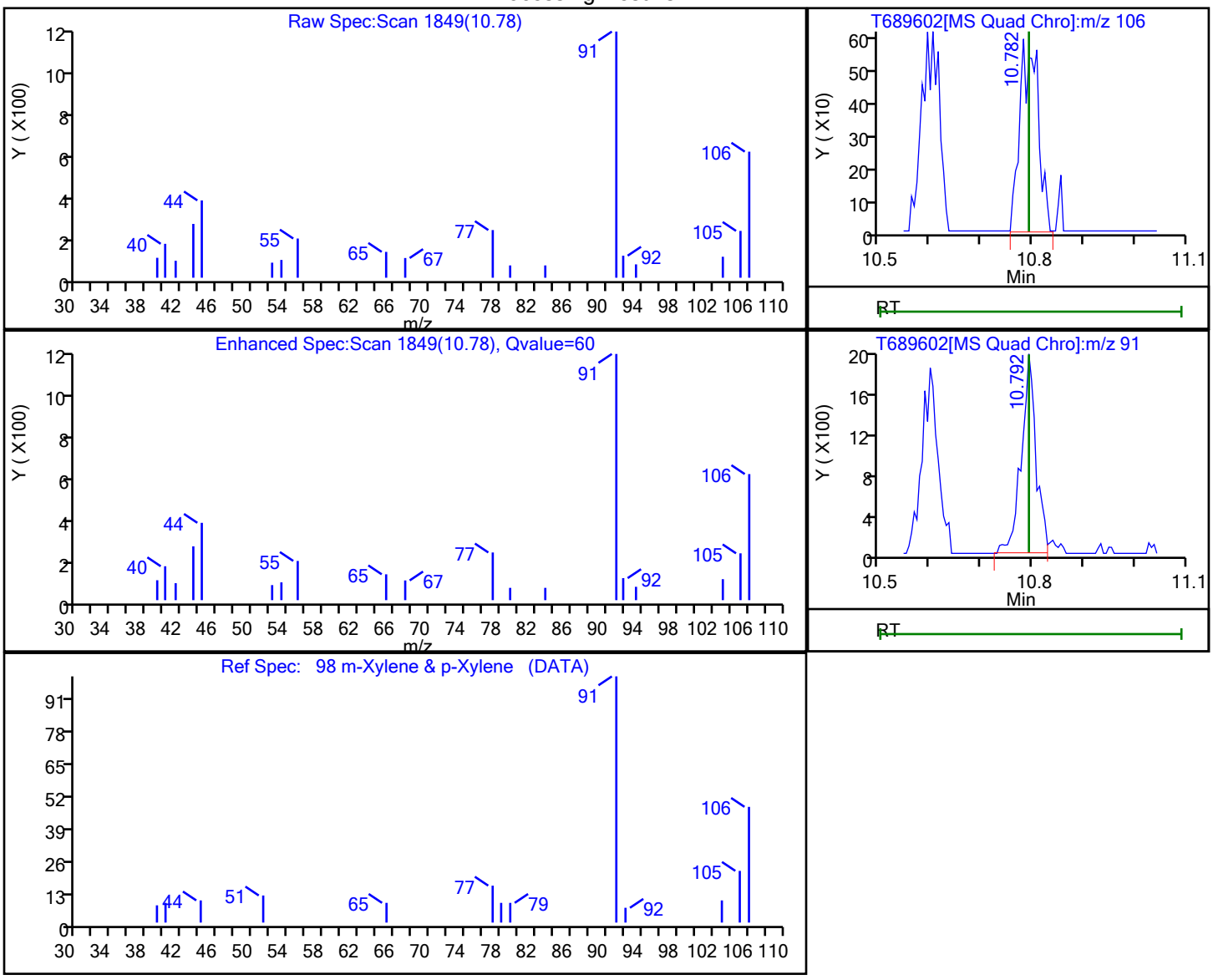
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
10.78	106.00	1484	0.207485
10.79	91.00	3895	

Reviewer: FK2C, 19-Apr-2025 09:17:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

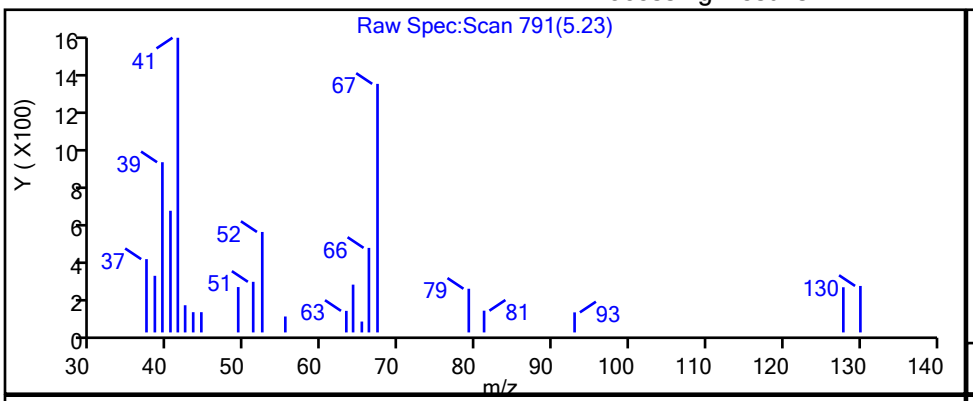
User Disabled Compound Report

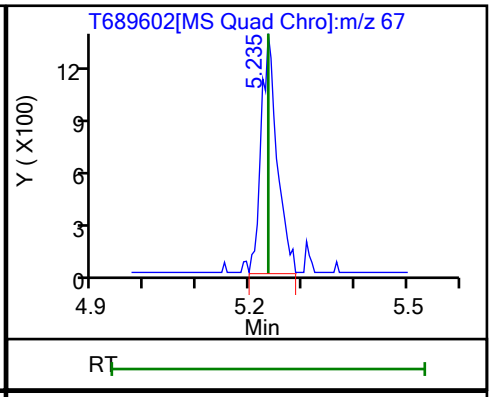
Eurofins Edison

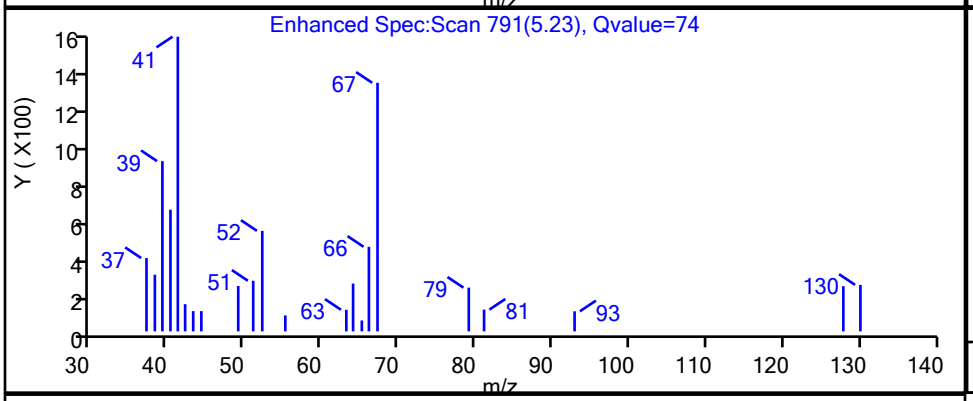
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

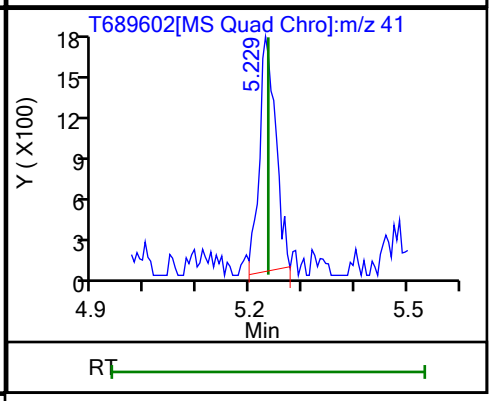
50 Methacrylonitrile, CAS: 126-98-7

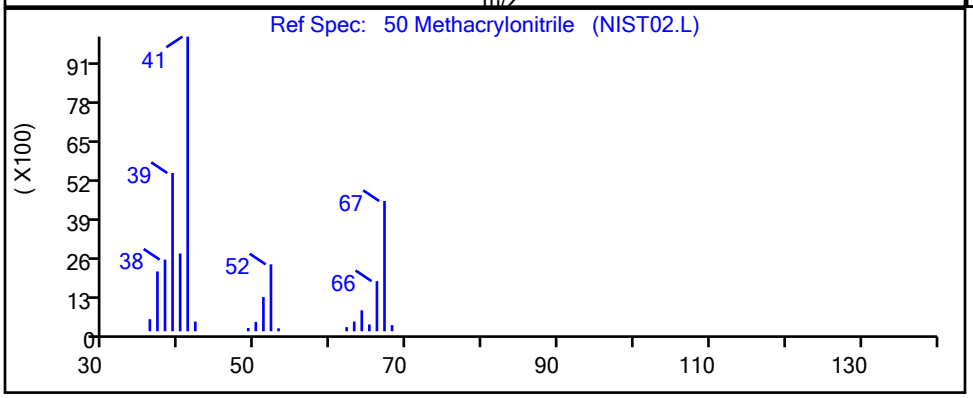
Processing Results











RT	Mass	Response	Amount
5.23	67.00	2788	2.163802
5.23	41.00	3654	

Reviewer: FK2C, 19-Apr-2025 09:14:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

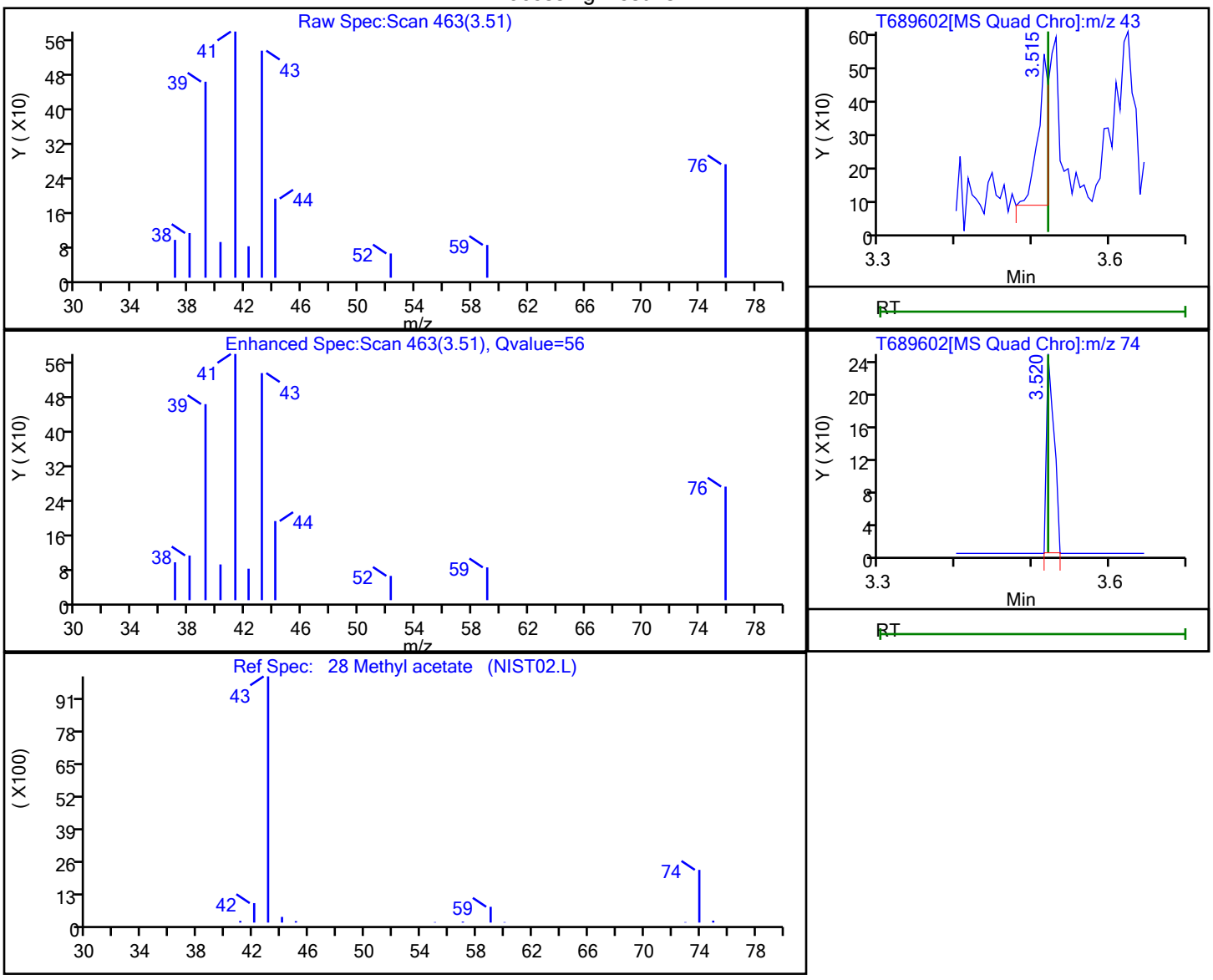
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

28 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.51	43.00	443	0.239054
3.52	74.00	167	

Reviewer: FK2C, 19-Apr-2025 09:14:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

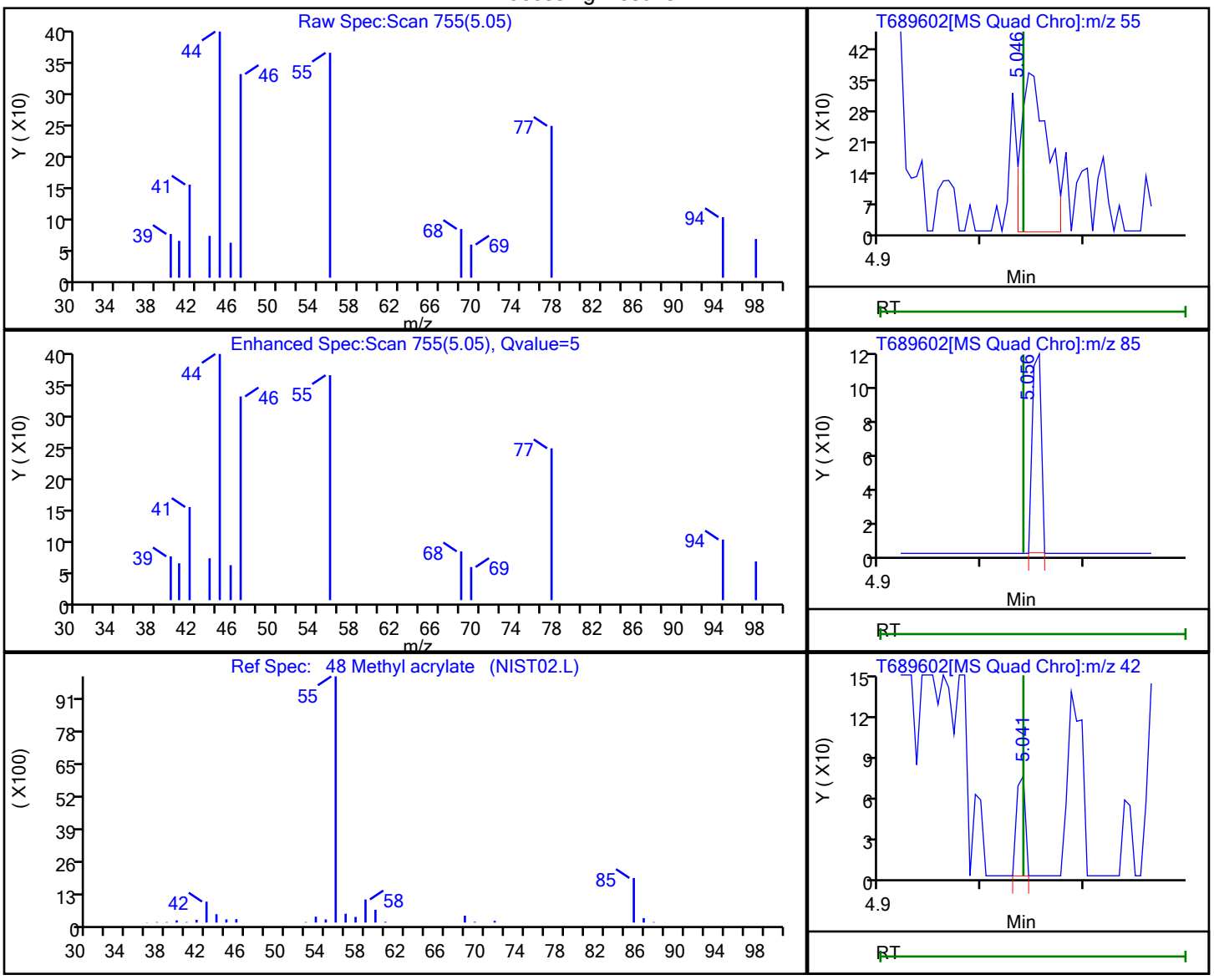
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
5.05	55.00	648	0.246465
5.06	85.00	71	
5.04	42.00	42	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

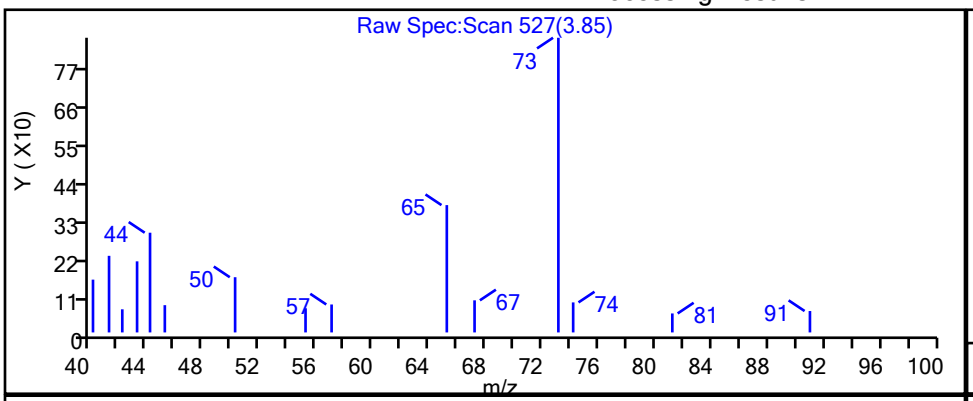
User Disabled Compound Report

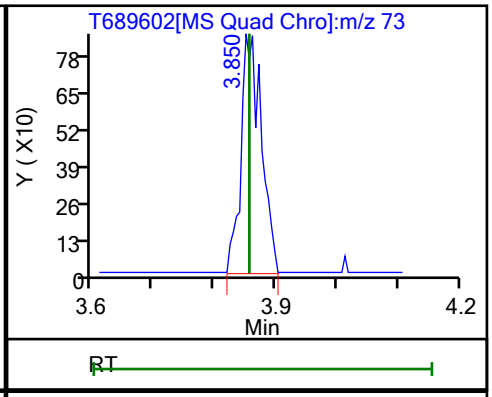
Eurofins Edison

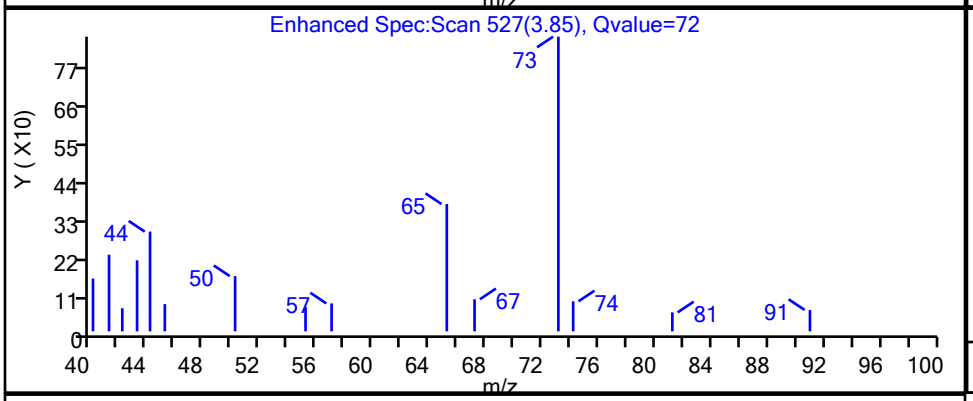
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

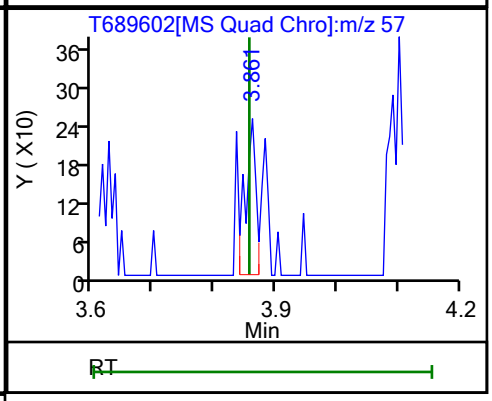
35 Methyl tert-butyl ether, CAS: 1634-04-4

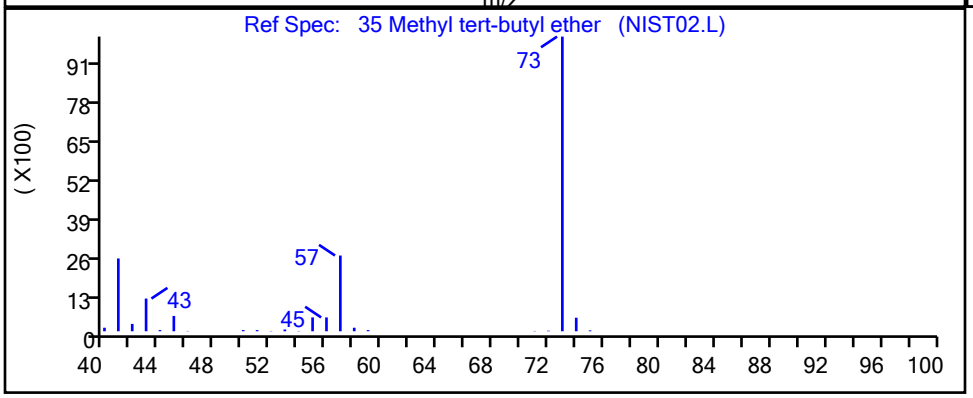
Processing Results











RT	Mass	Response	Amount
3.85	73.00	1975	0.193026
3.86	57.00	293	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

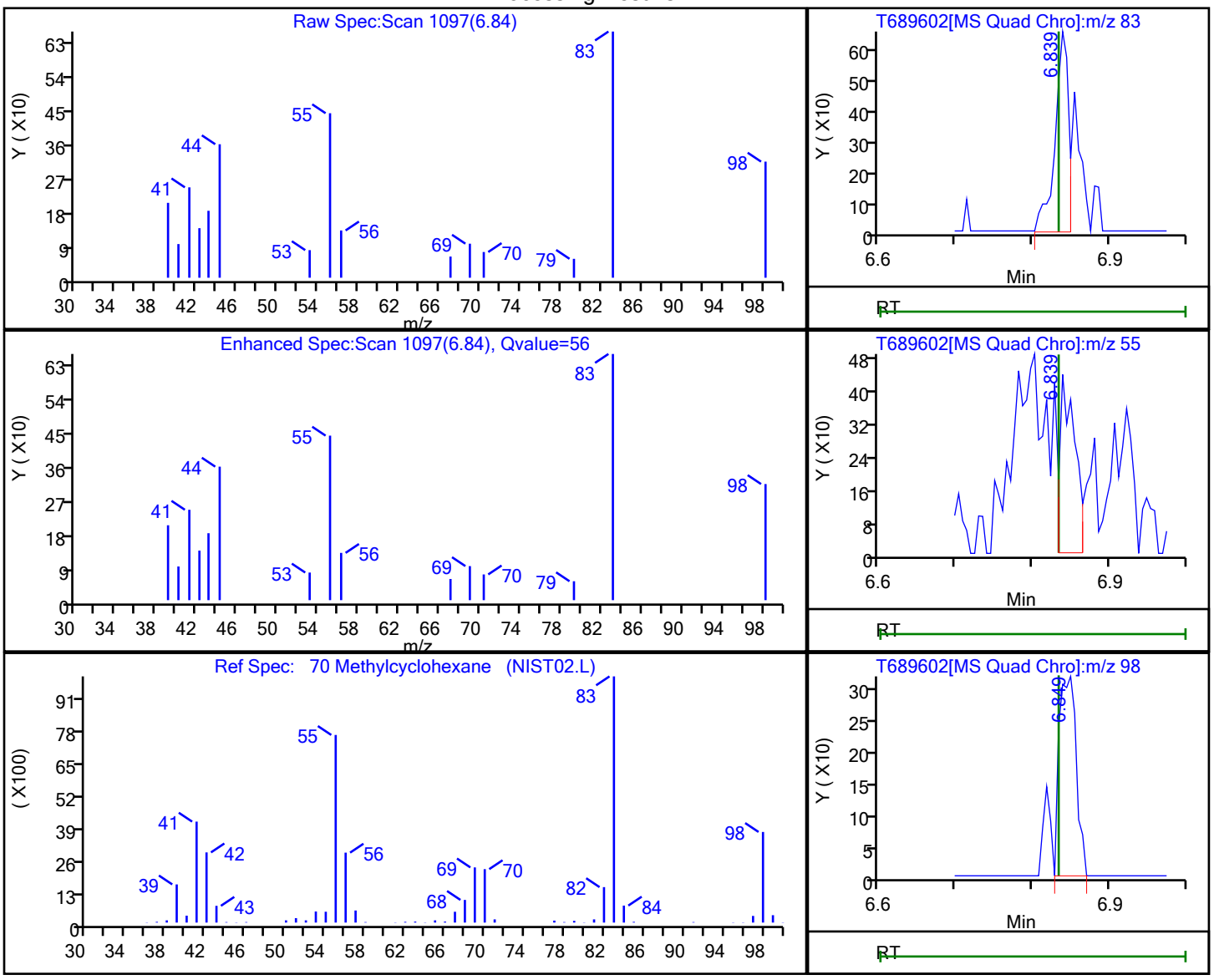
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
6.84	83.00	803	0.154960
6.84	55.00	603	
6.85	98.00	499	

Reviewer: FK2C, 19-Apr-2025 09:16:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

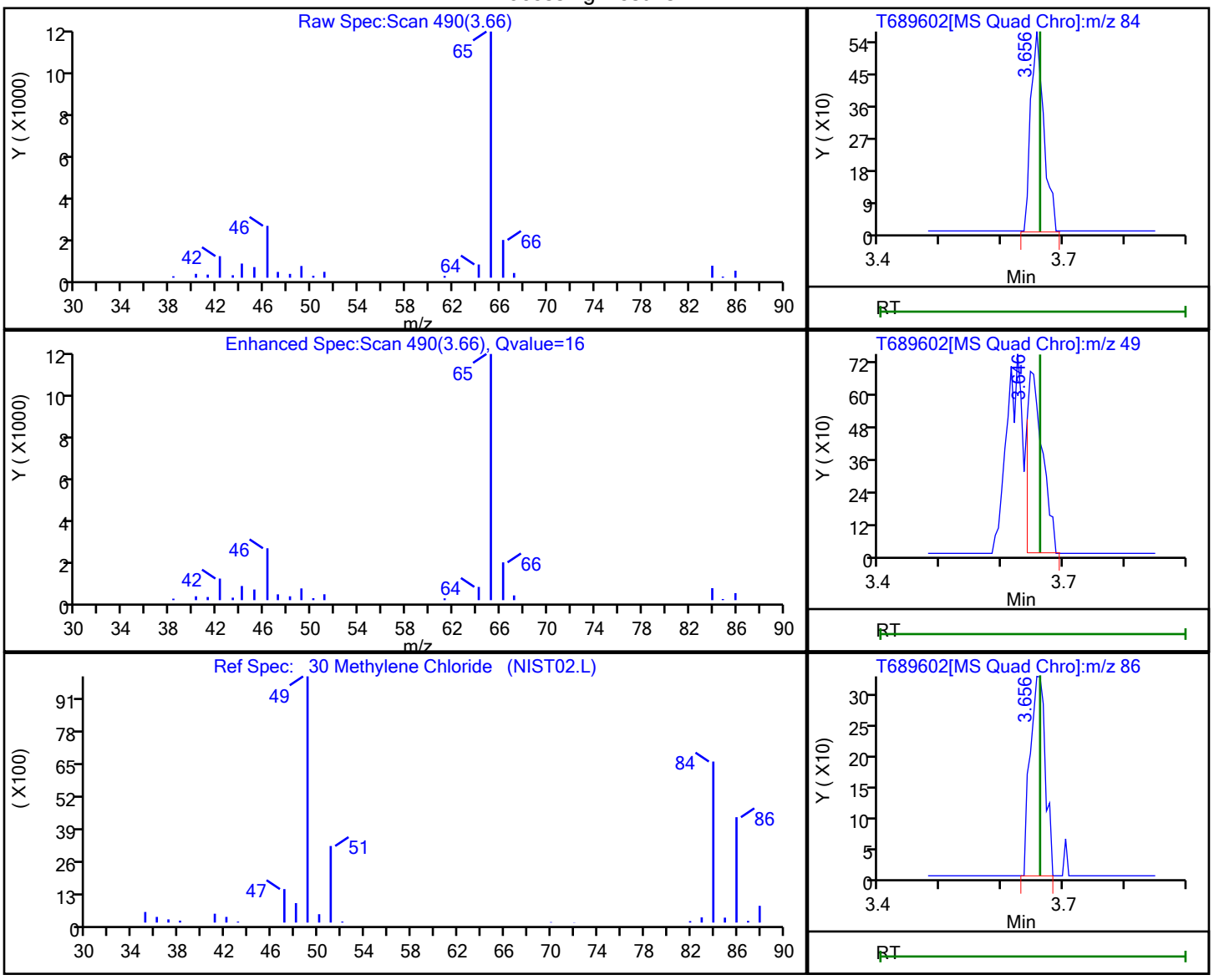
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
3.66	84.00	827	0.226990
3.65	49.00	1180	
3.66	86.00	567	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

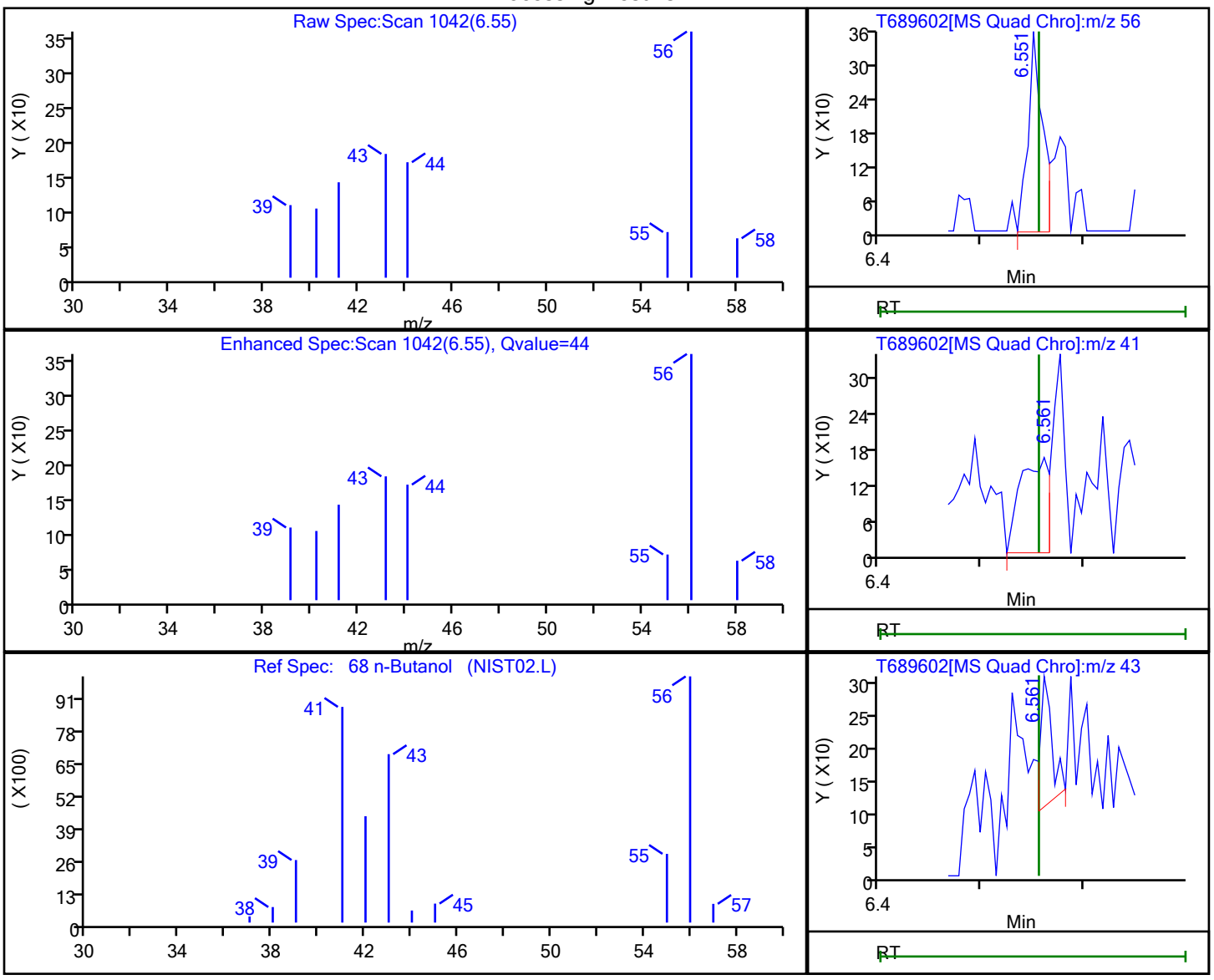
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
6.55	56.00	353	5.077432
6.56	41.00	318	
6.56	43.00	157	

Reviewer: FK2C, 19-Apr-2025 09:16:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

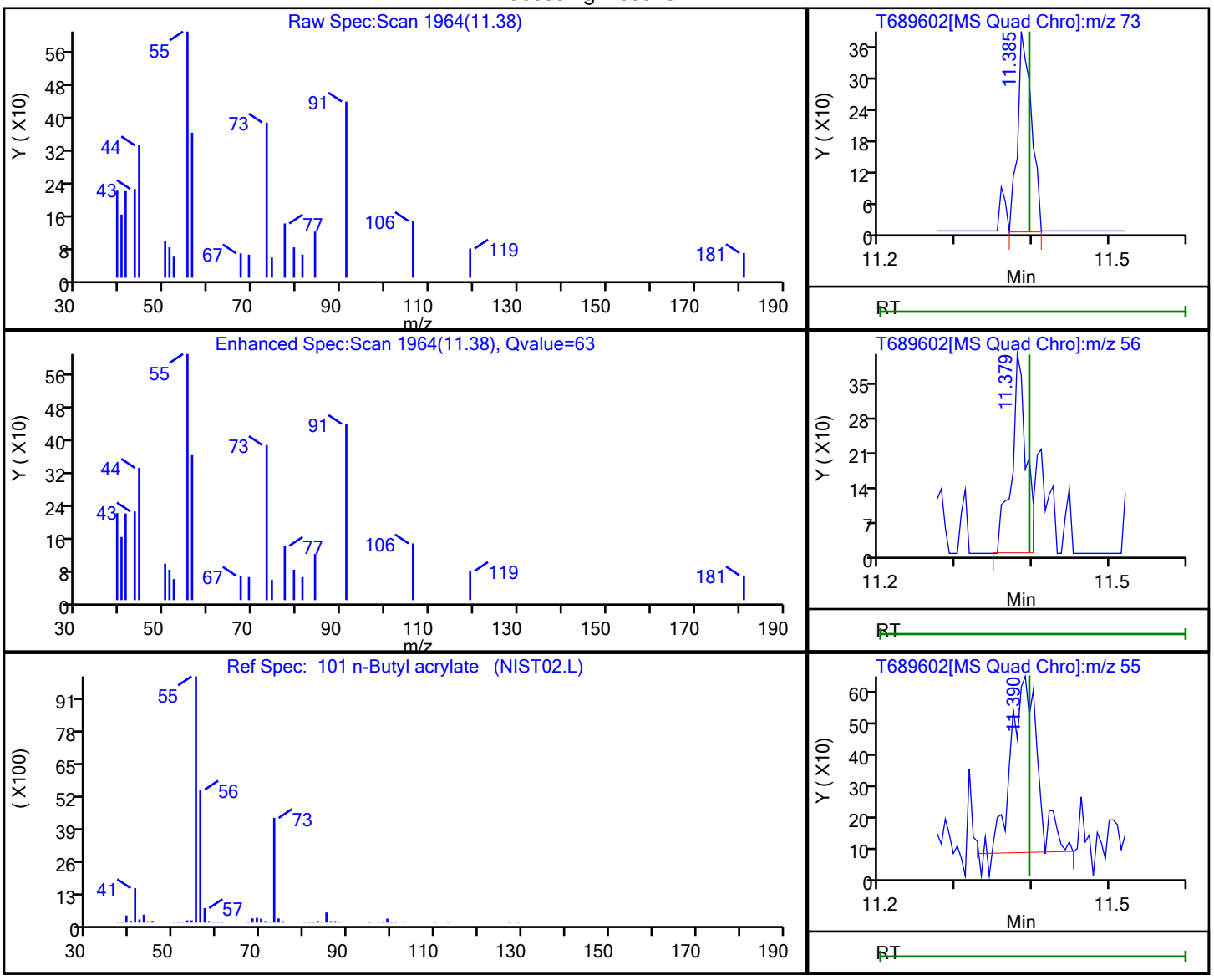
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
11.38	73.00	480	0.199654
11.38	56.00	536	
11.39	55.00	1376	

Reviewer: FK2C, 19-Apr-2025 09:17:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

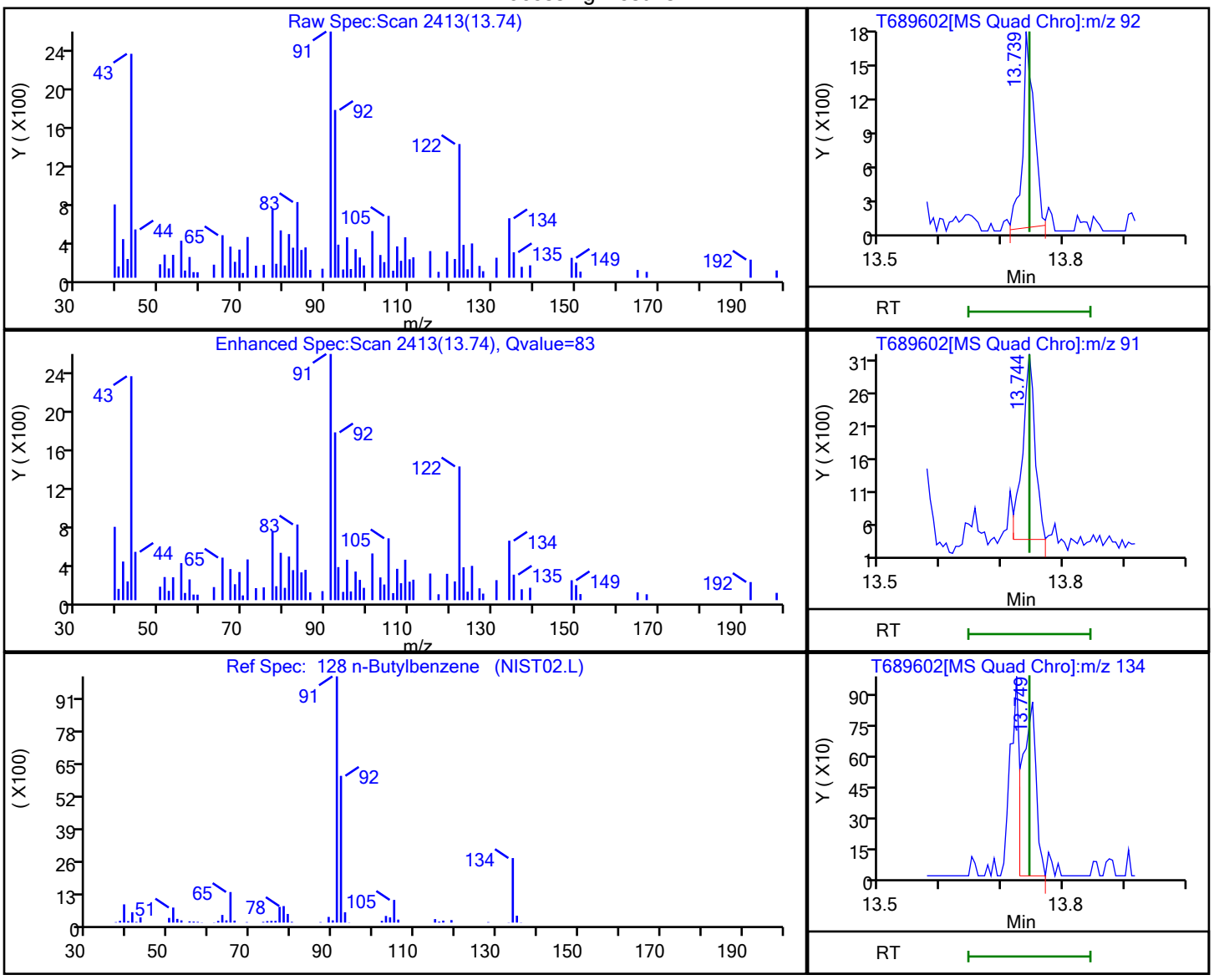
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
13.74	92.00	2209	0.278065
13.74	91.00	4052	
13.75	134.00	1308	

Reviewer: FK2C, 19-Apr-2025 09:18:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

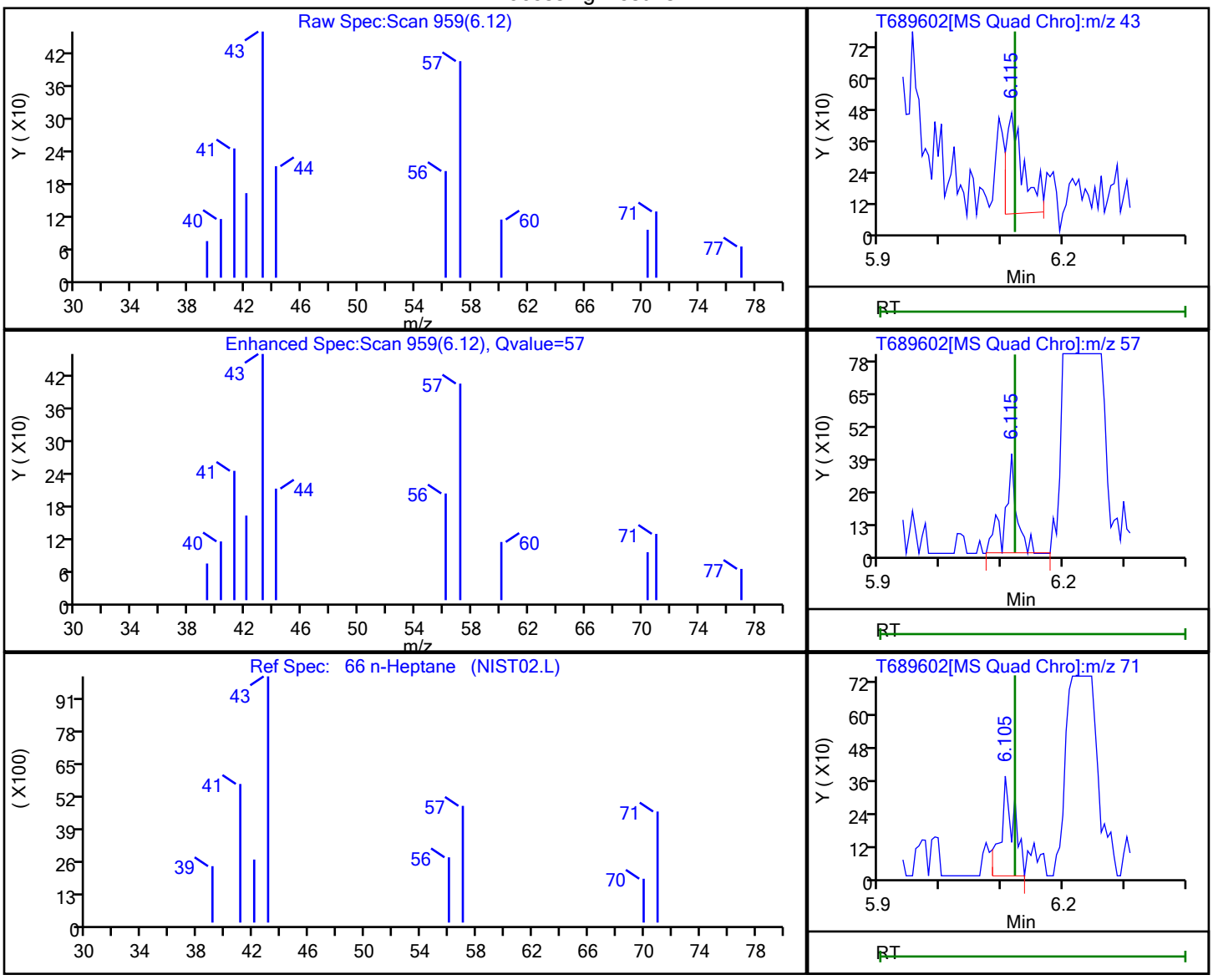
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
6.12	43.00	765	0.234838
6.12	57.00	548	
6.10	71.00	543	

Reviewer: FK2C, 19-Apr-2025 09:16:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

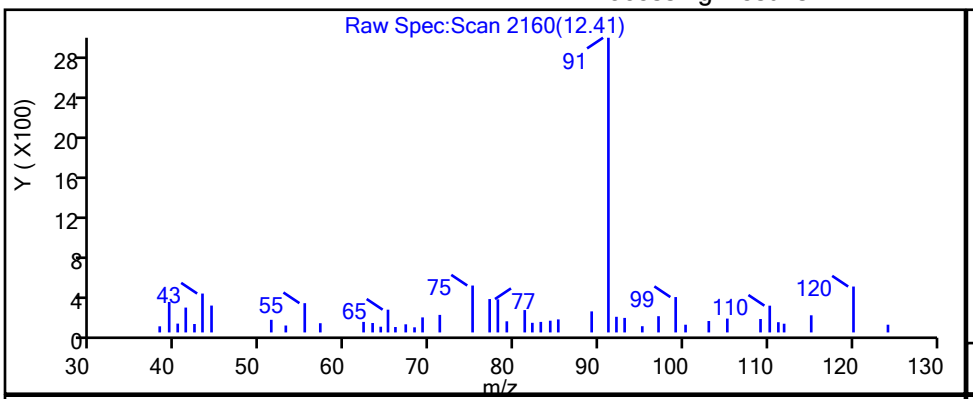
User Disabled Compound Report

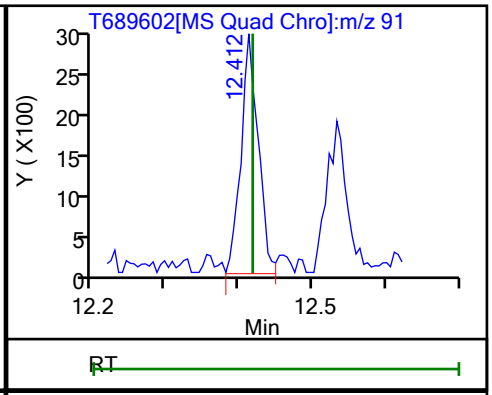
Eurofins Edison

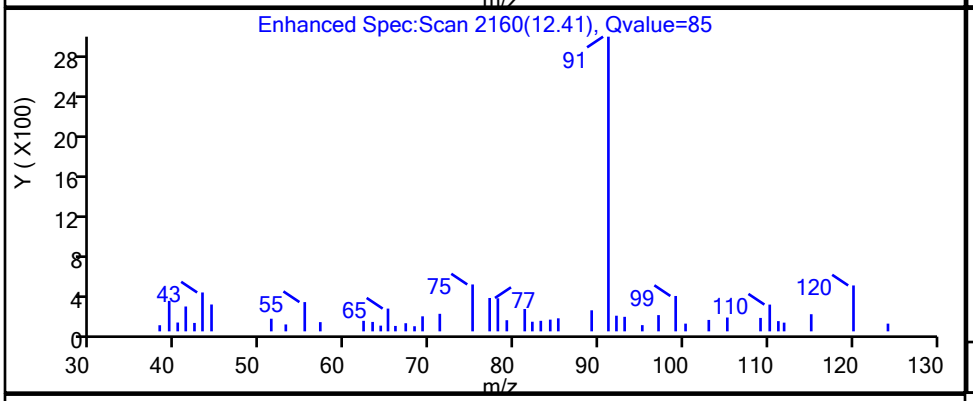
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

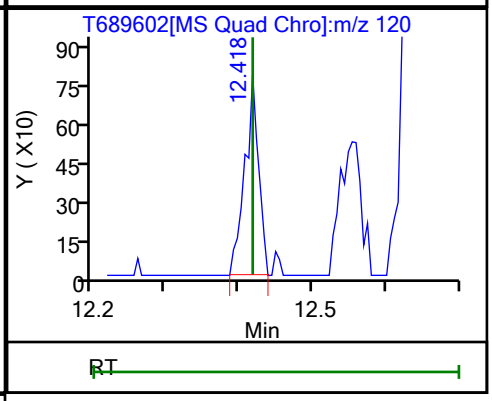
110 N-Propylbenzene, CAS: 103-65-1

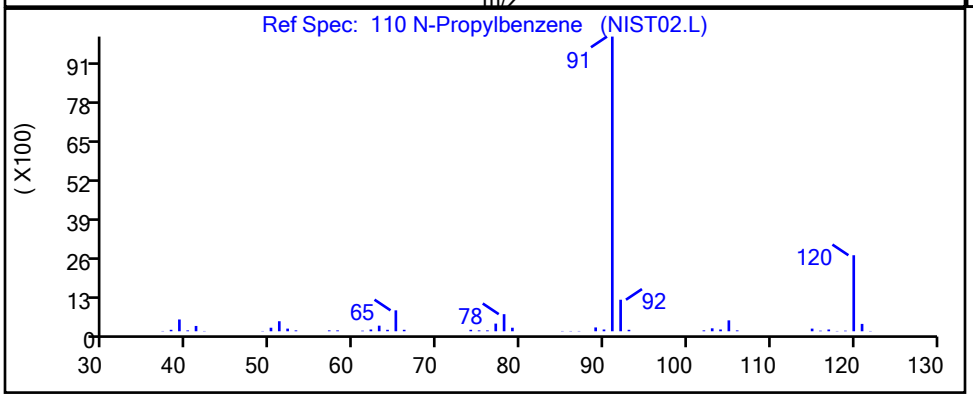
Processing Results











RT	Mass	Response	Amount
12.41	91.00	4773	0.220117
12.42	120.00	1027	

Reviewer: FK2C, 19-Apr-2025 09:18:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

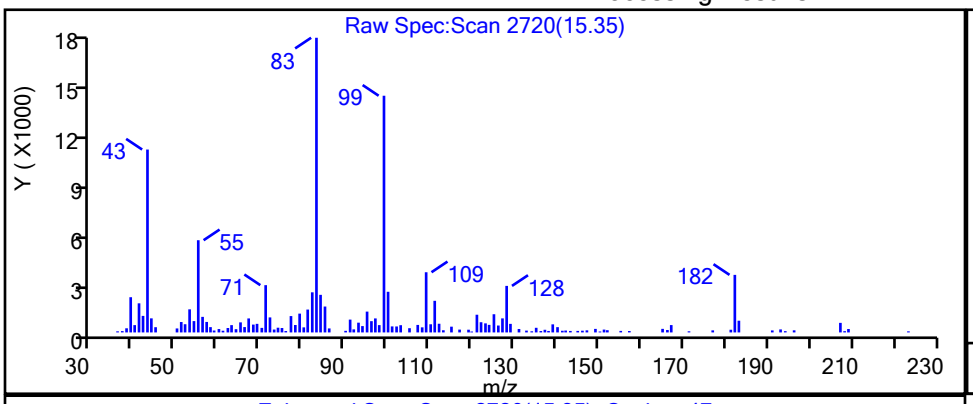
User Disabled Compound Report

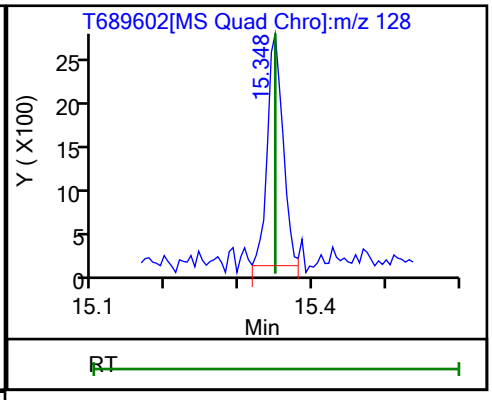
Eurofins Edison

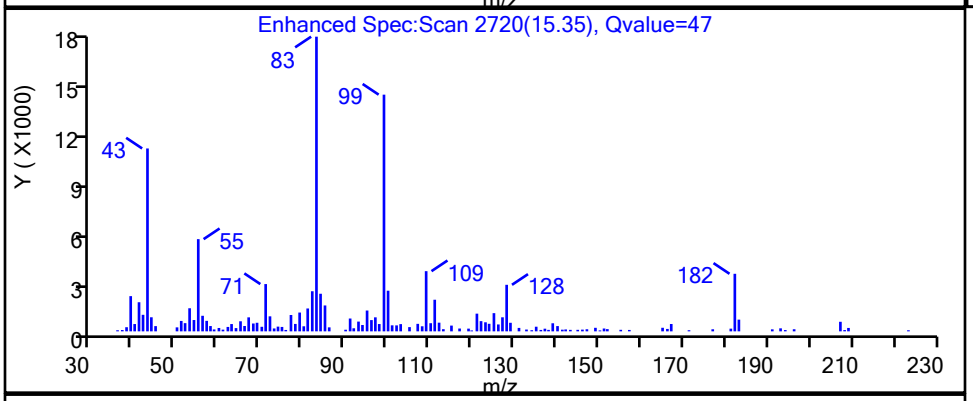
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

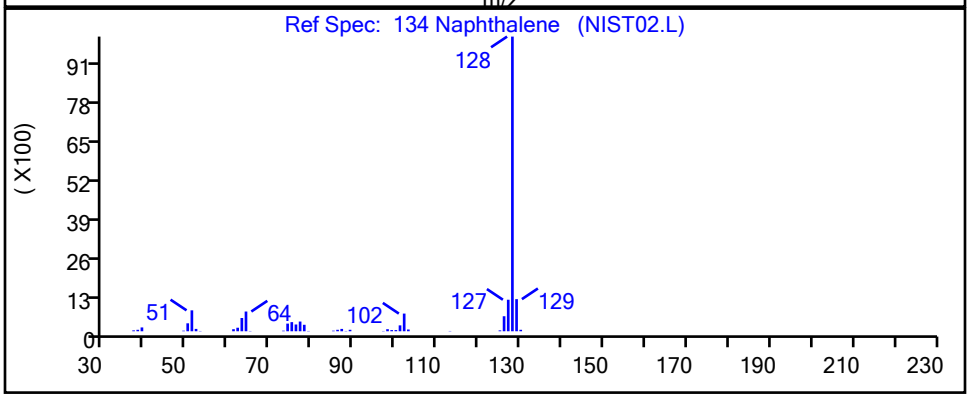
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
15.35	128.00	3875	0.338924

Reviewer: FK2C, 19-Apr-2025 09:18:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

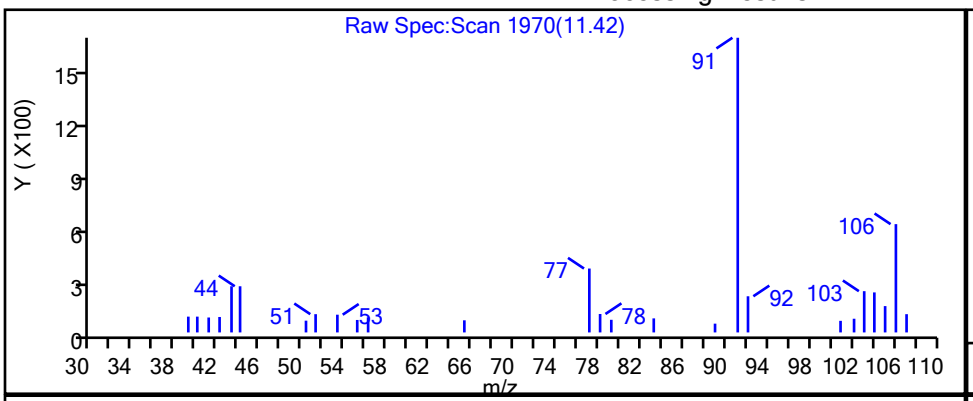
User Disabled Compound Report

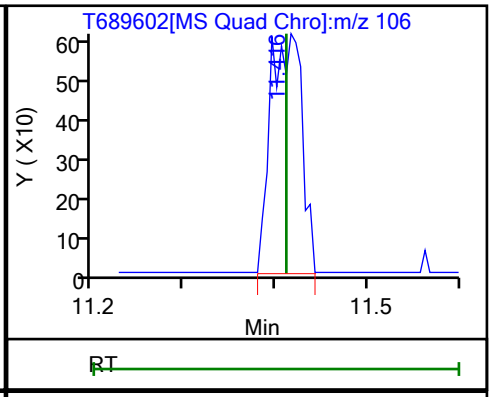
Eurofins Edison

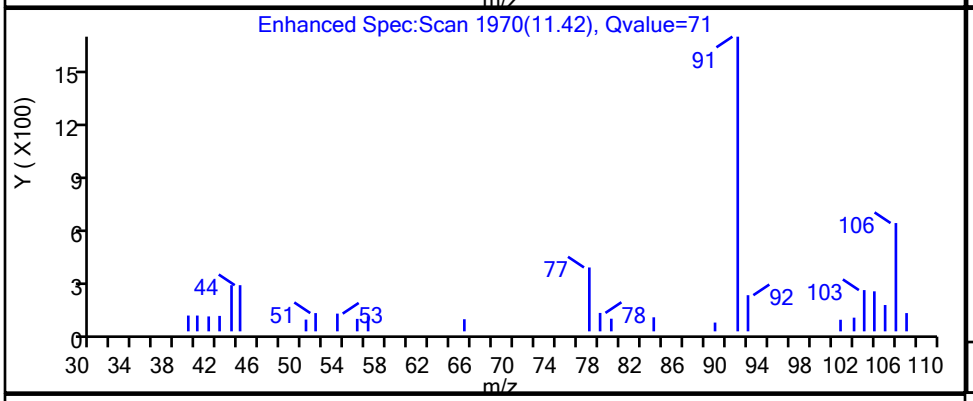
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

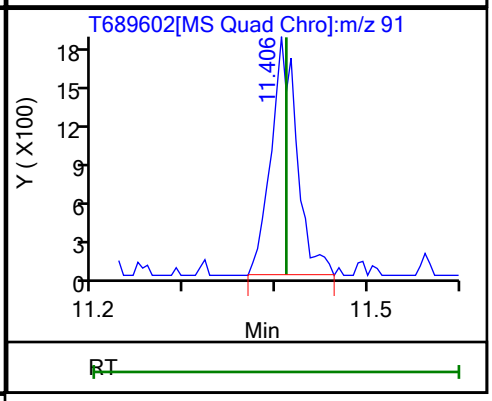
99 o-Xylene, CAS: 95-47-6

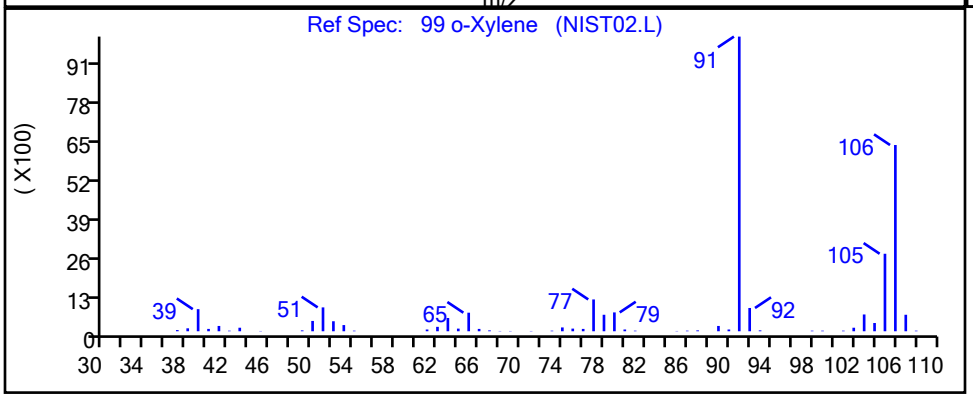
Processing Results











RT	Mass	Response	Amount
11.42	106.00	1467	0.209790
11.41	91.00	3620	

Reviewer: FK2C, 19-Apr-2025 09:17:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

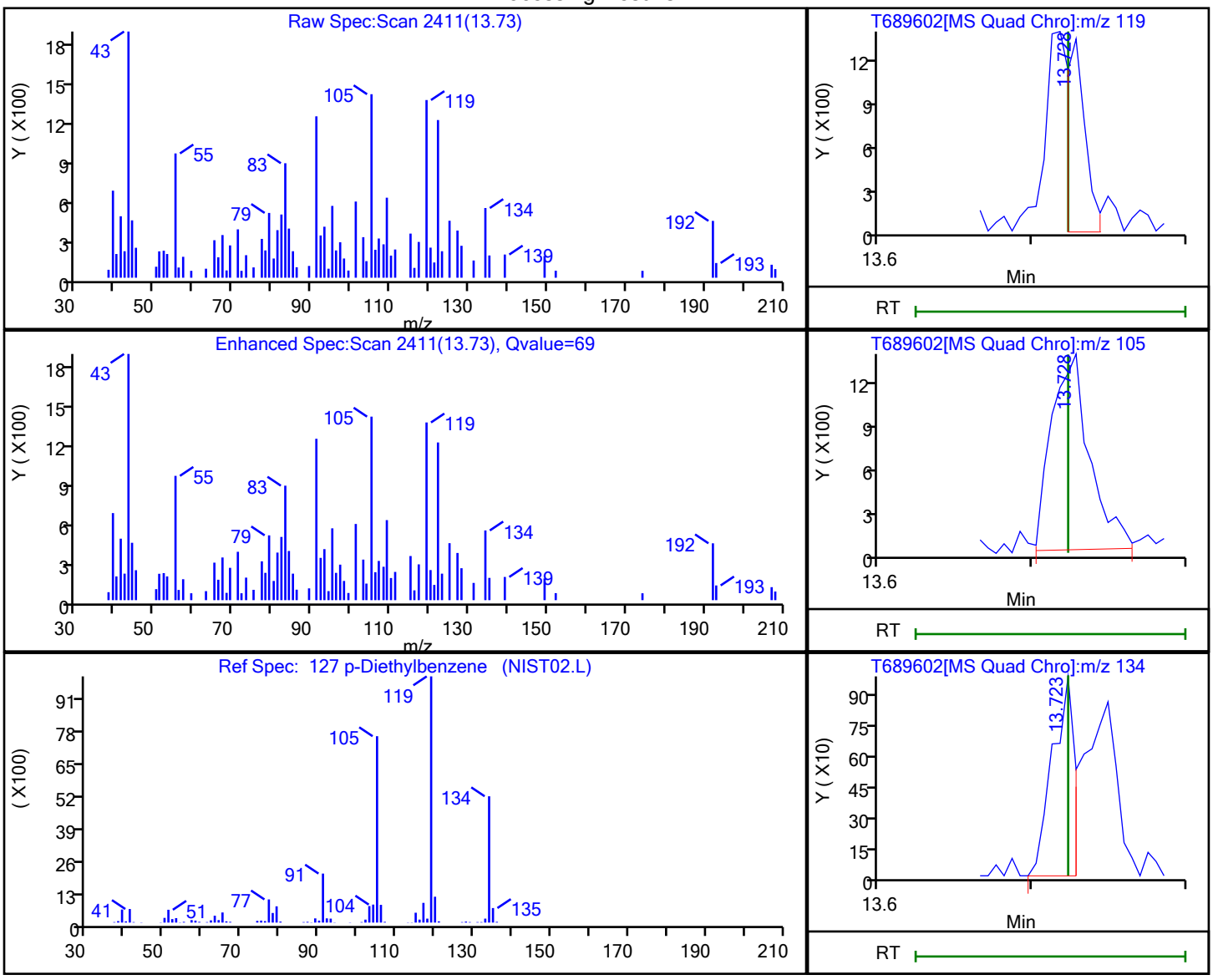
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
13.73	119.00	1146	0.130294
13.73	105.00	2276	
13.72	134.00	1002	

Reviewer: FK2C, 19-Apr-2025 09:18:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

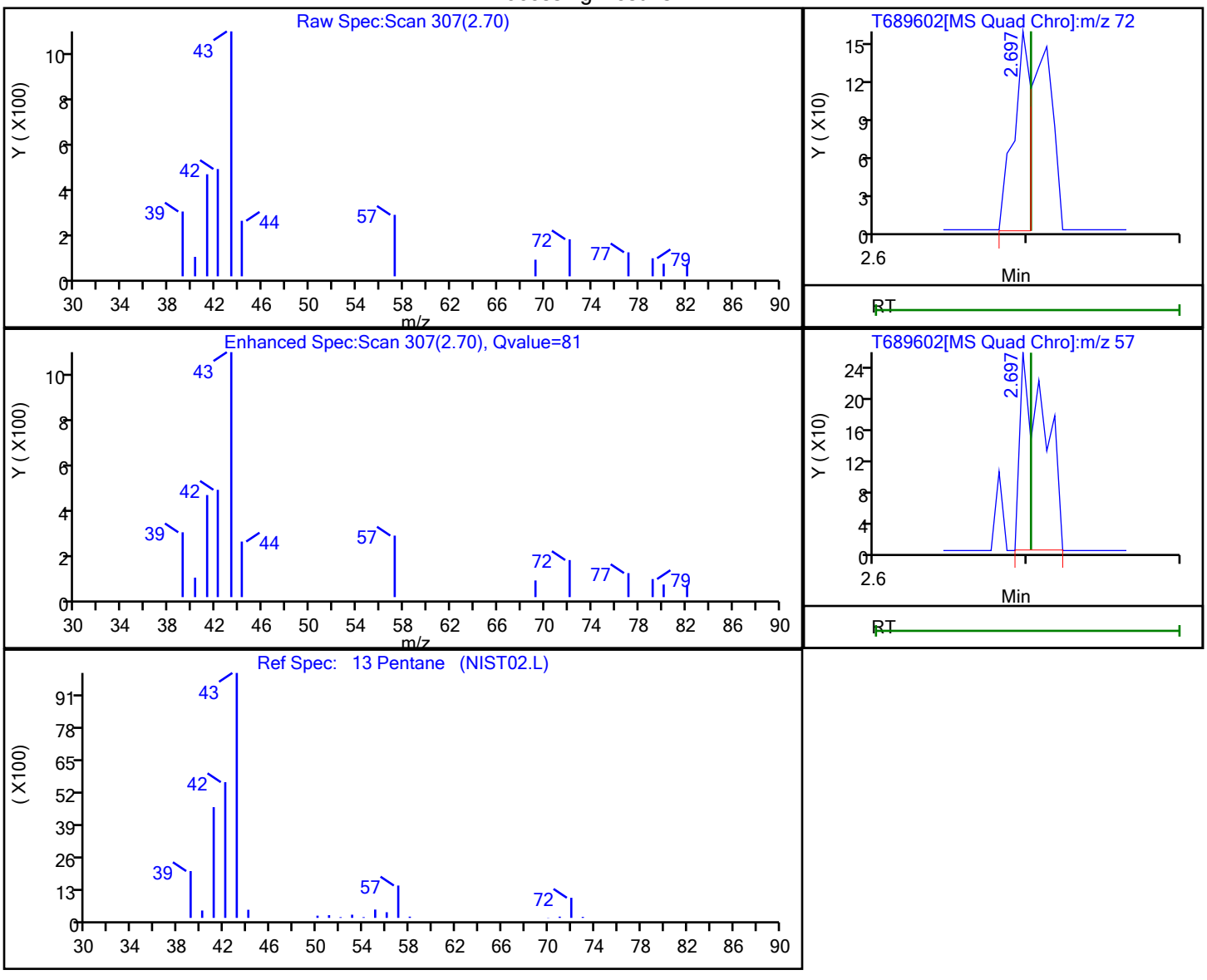
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
2.70	72.00	125	0.225079
2.70	57.00	293	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

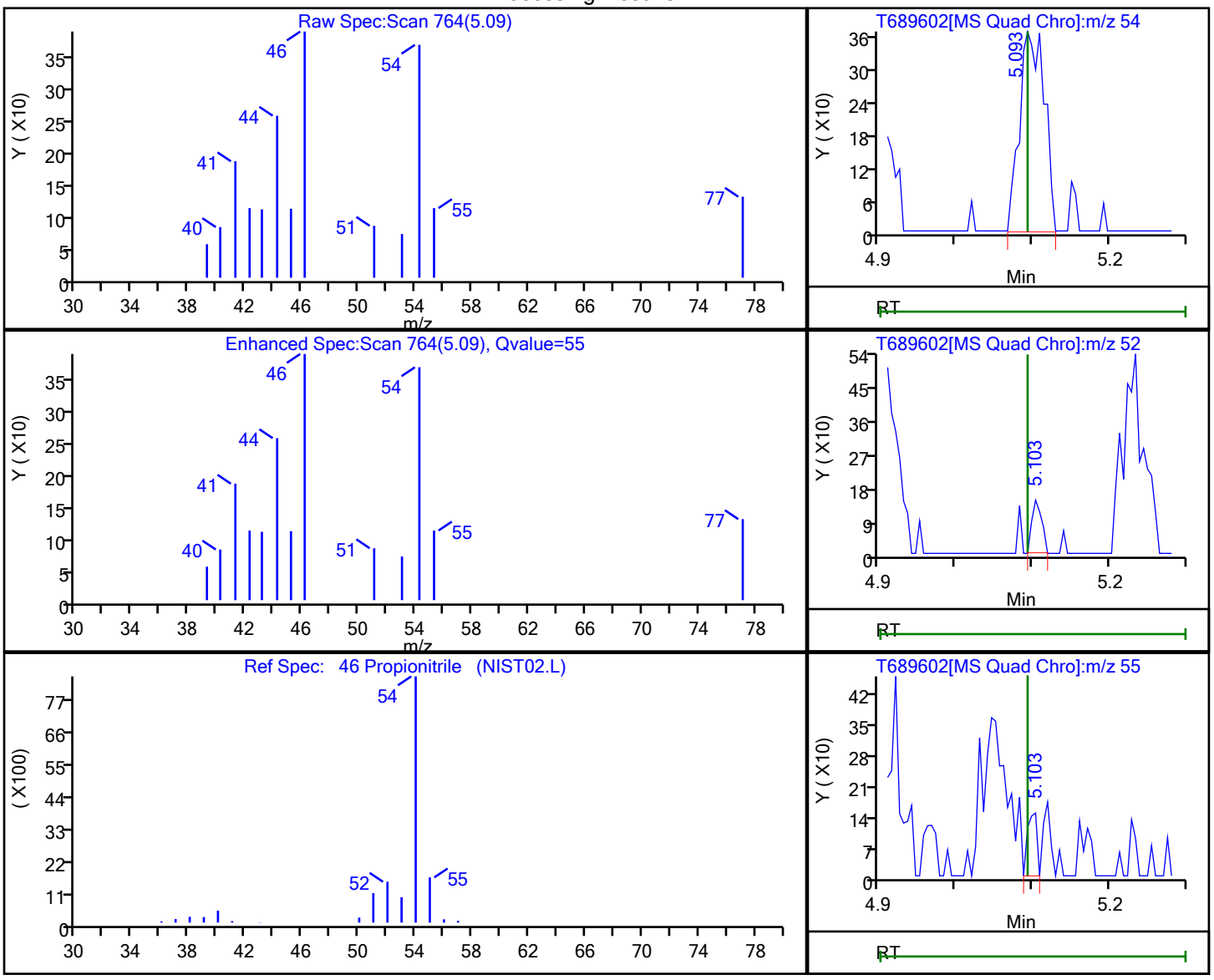
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
5.09	54.00	833	2.068460
5.10	52.00	129	
5.10	55.00	122	

Reviewer: FK2C, 19-Apr-2025 09:14:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

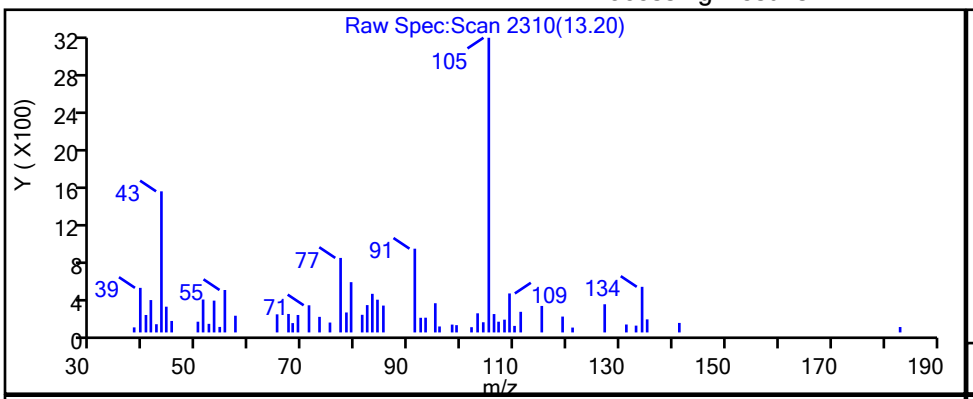
User Disabled Compound Report

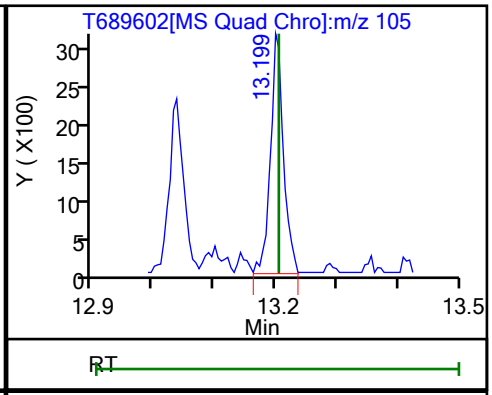
Eurofins Edison

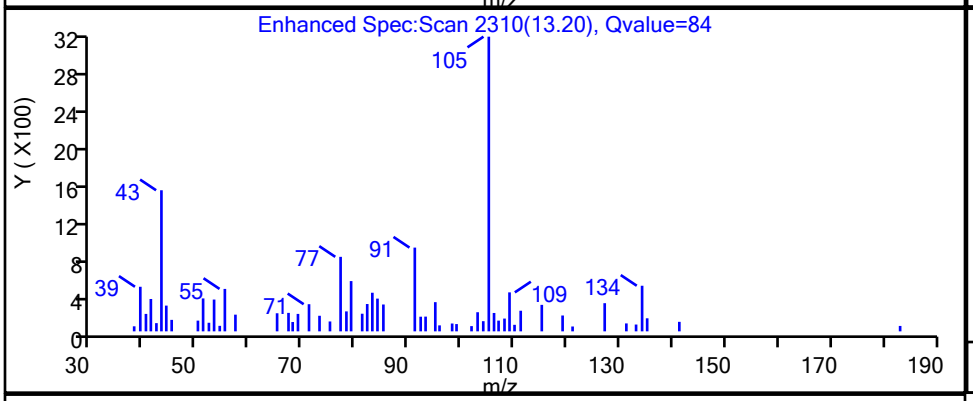
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

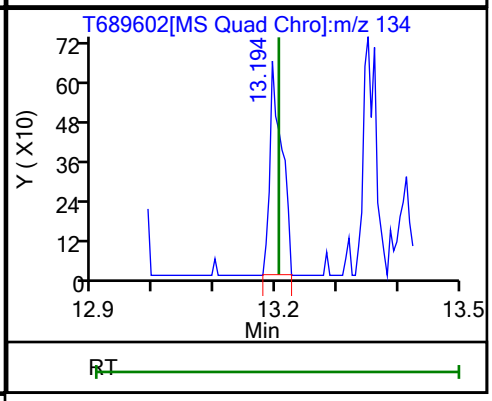
118 sec-Butylbenzene, CAS: 135-98-8

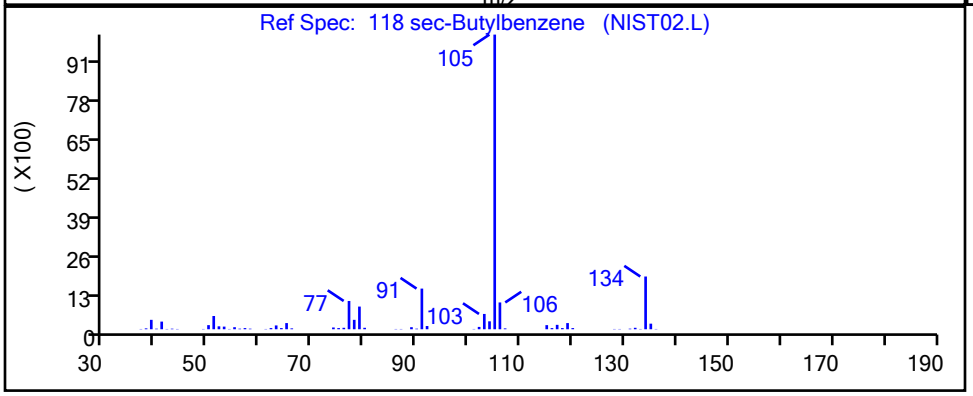
Processing Results











RT	Mass	Response	Amount
13.20	105.00	4633	0.250144
13.19	134.00	907	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

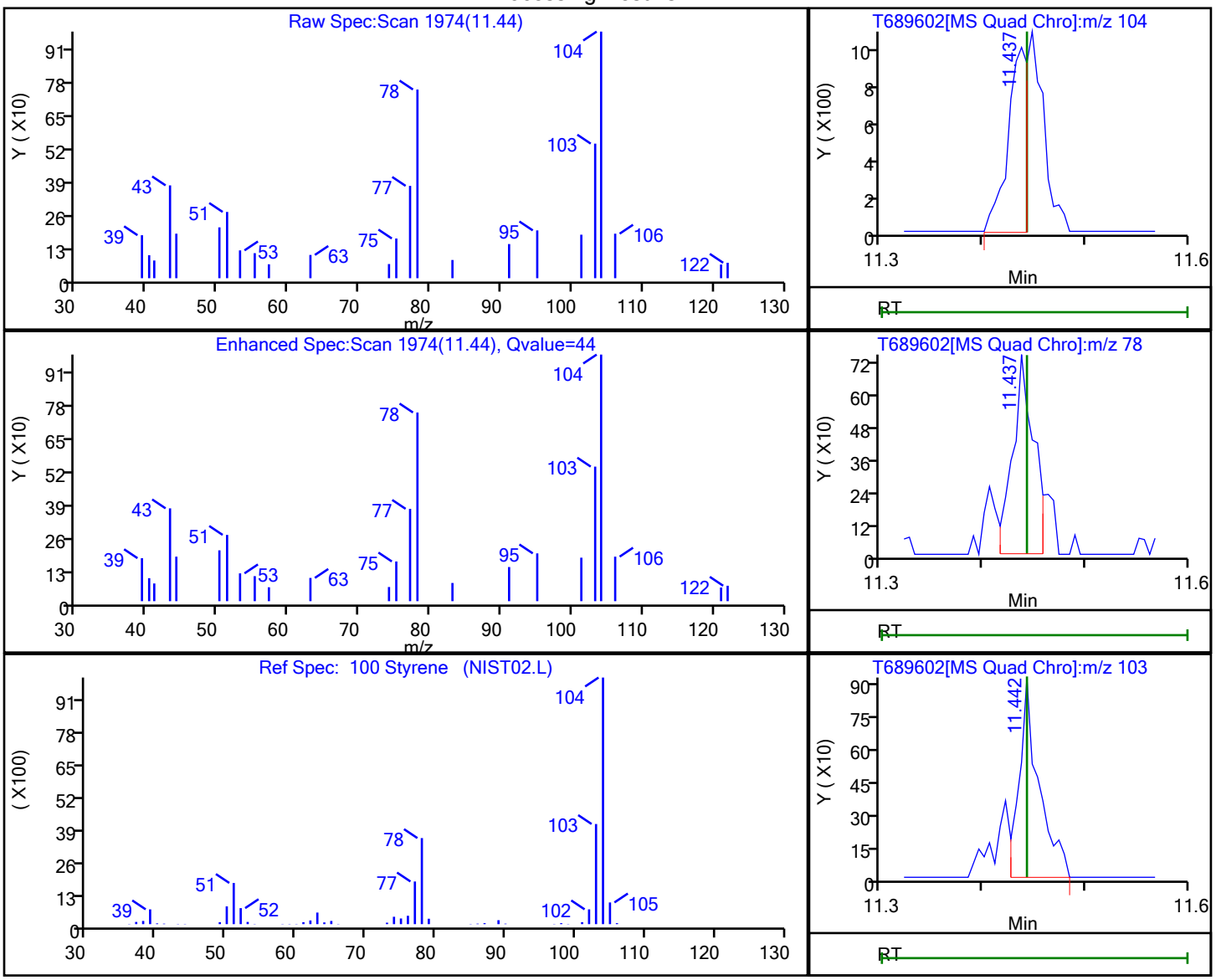
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

100 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
11.44	104.00	1327	0.128621
11.44	78.00	1082	
11.44	103.00	1244	

Reviewer: FK2C, 19-Apr-2025 09:17:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

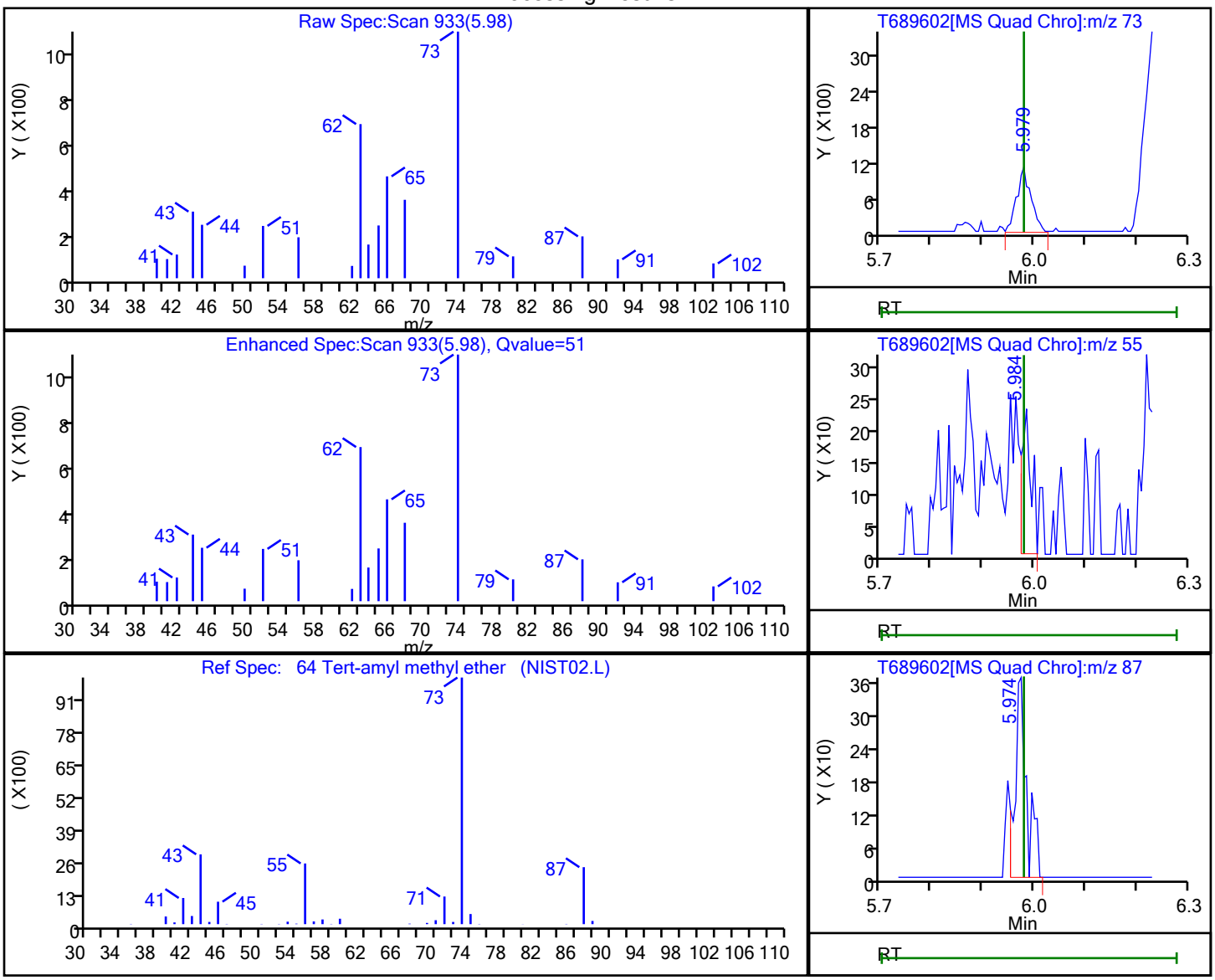
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

64 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
5.98	73.00	2067	0.208609
5.98	55.00	296	
5.97	87.00	580	

Reviewer: FK2C, 19-Apr-2025 09:16:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

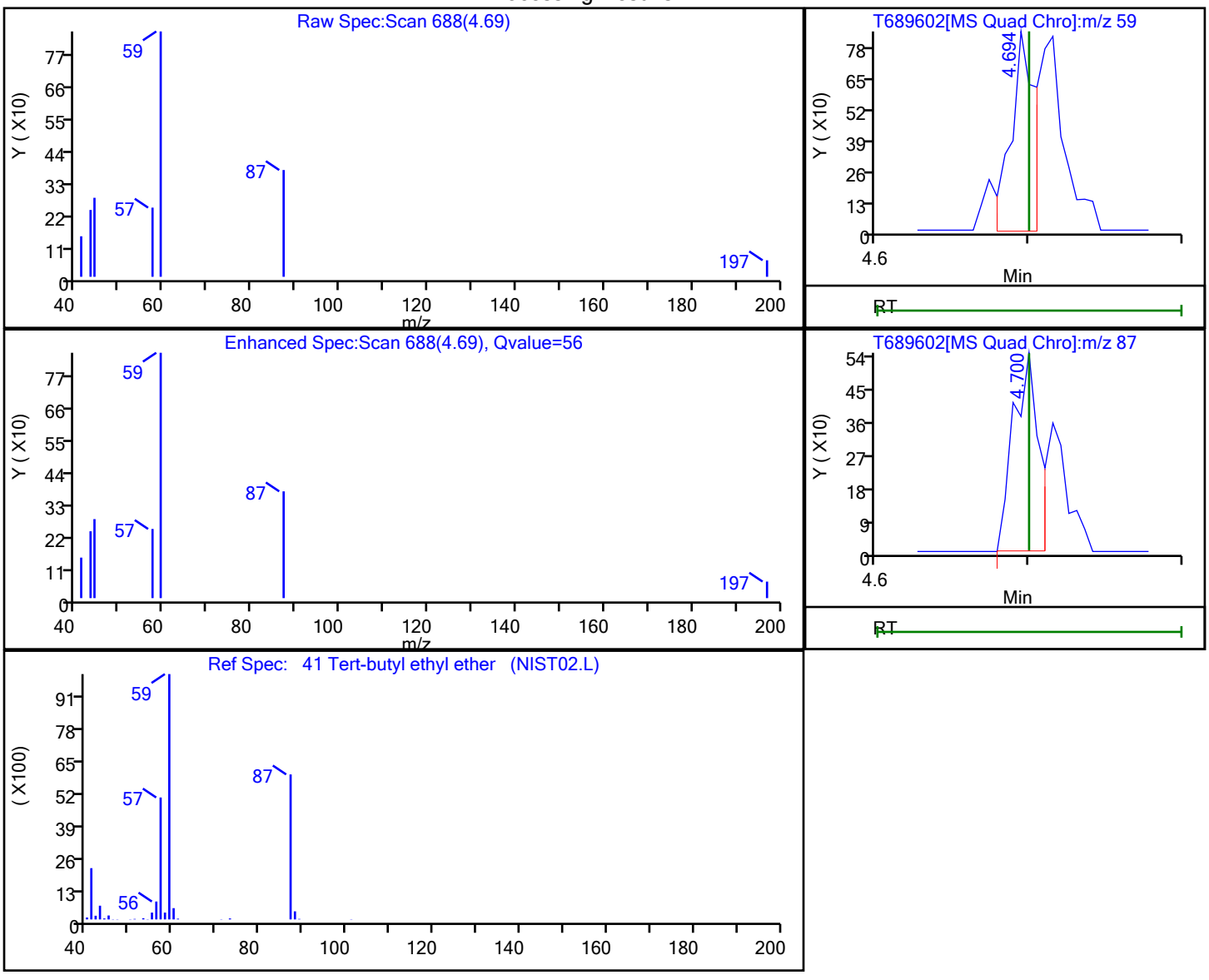
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

41 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
4.69	59.00	921	0.089063
4.70	87.00	631	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

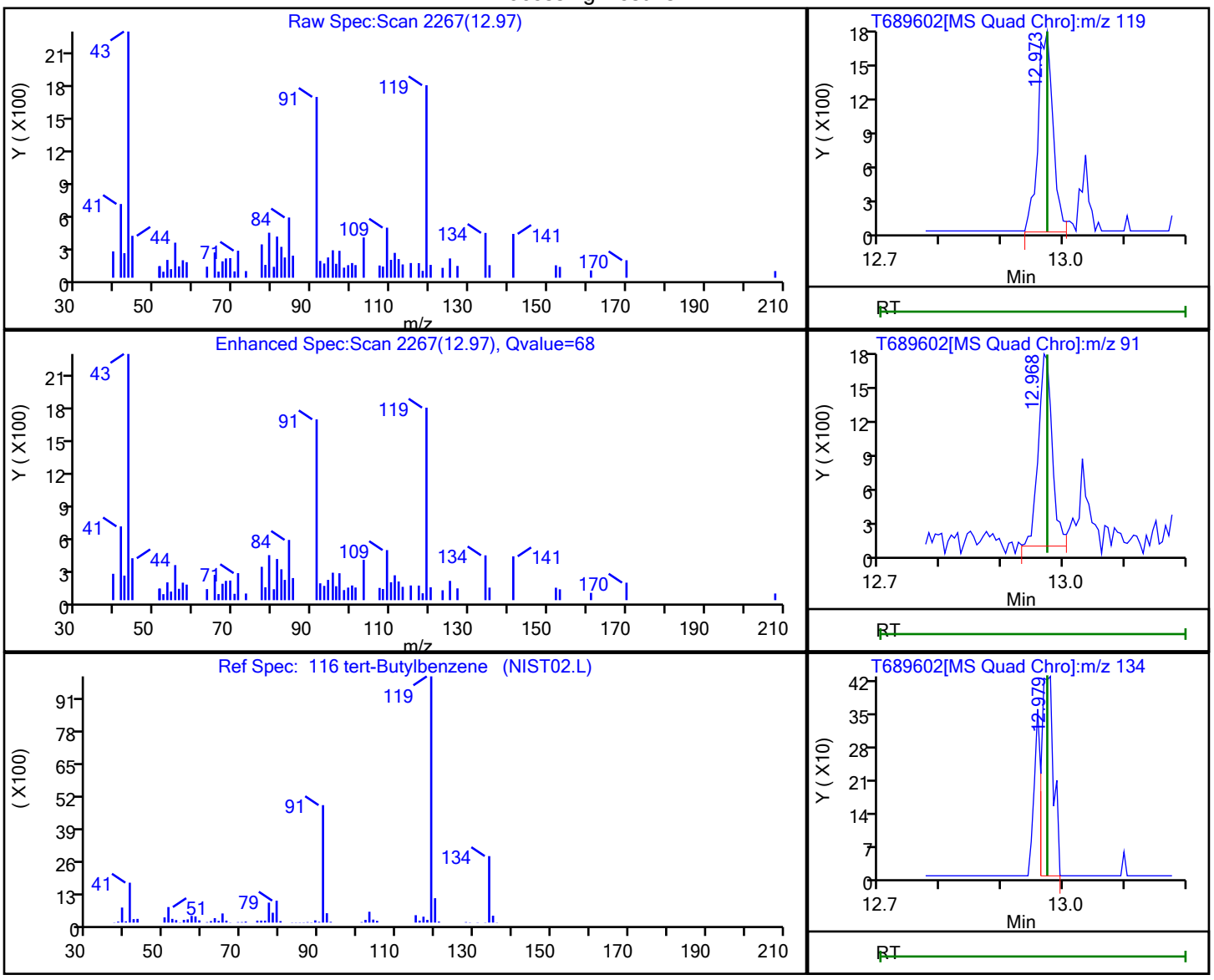
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
12.97	119.00	3038	0.223198
12.97	91.00	2597	
12.98	134.00	578	

Reviewer: FK2C, 19-Apr-2025 09:18:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

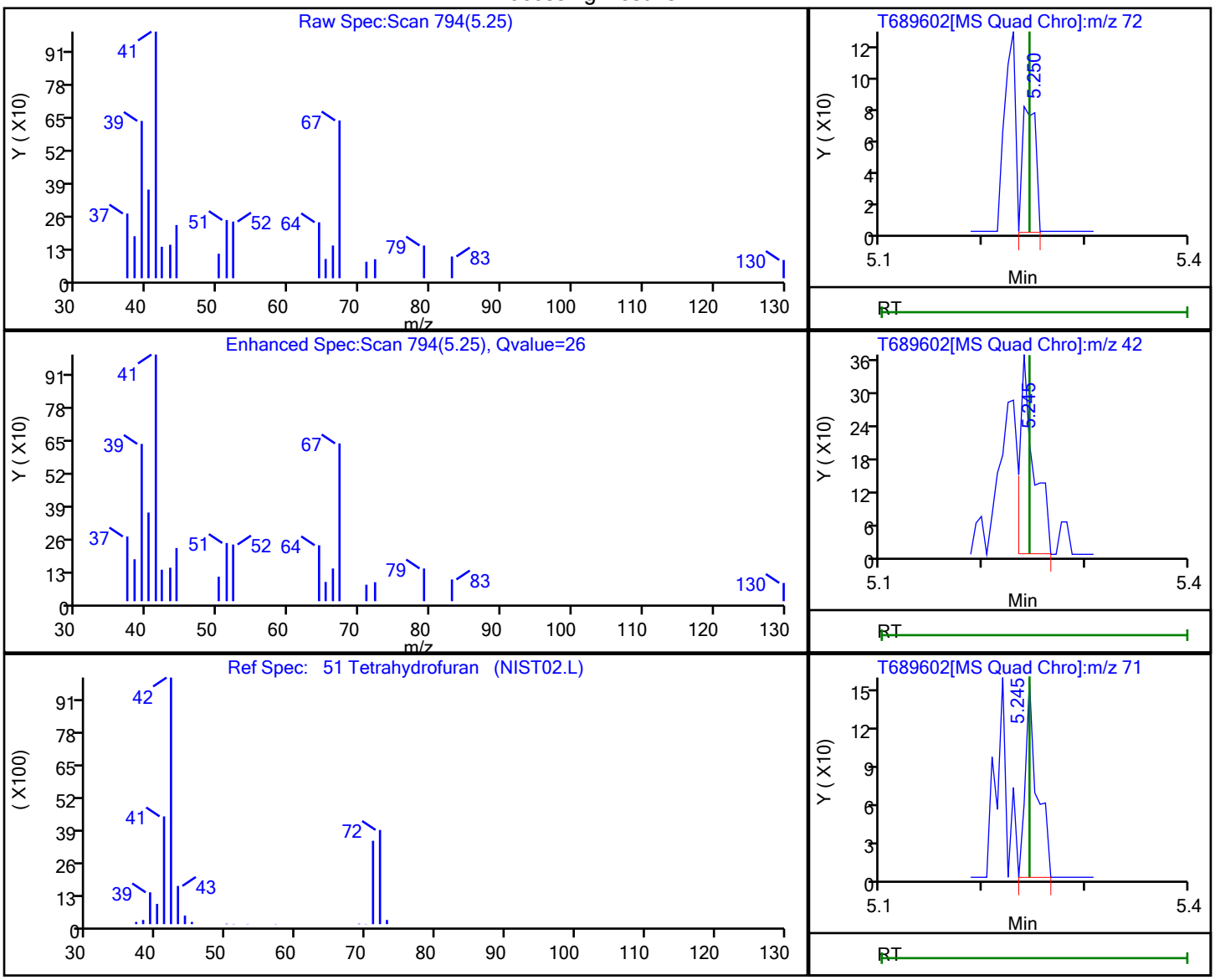
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

51 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
5.25	72.00	72	0.024734
5.25	42.00	346	
5.25	71.00	123	

Reviewer: FK2C, 19-Apr-2025 09:14:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

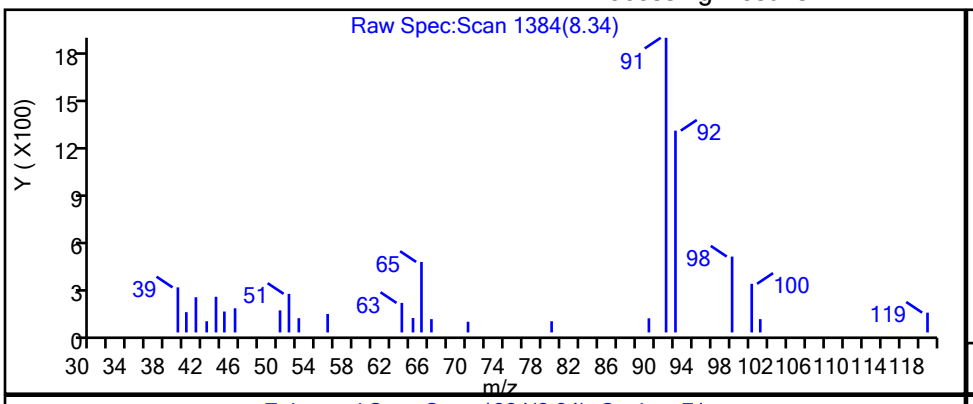
User Disabled Compound Report

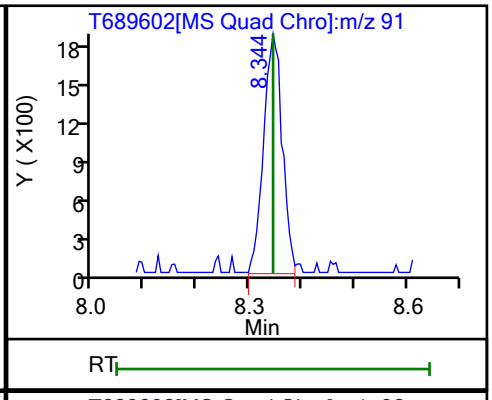
Eurofins Edison

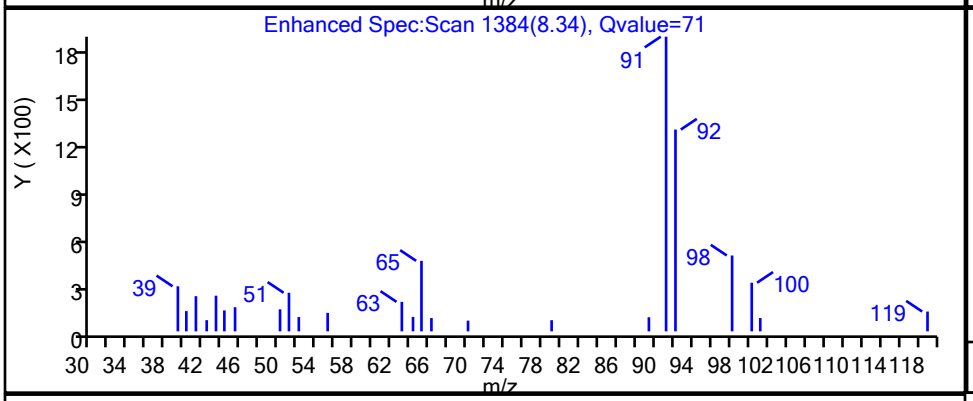
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

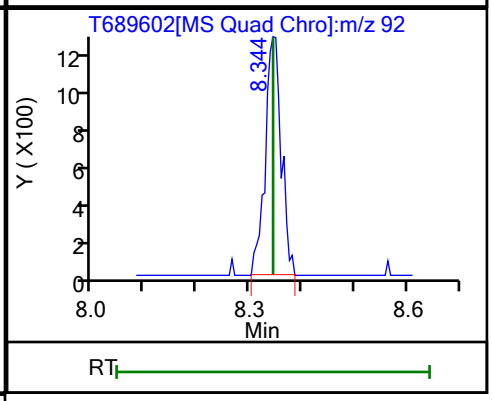
84 Toluene, CAS: 108-88-3

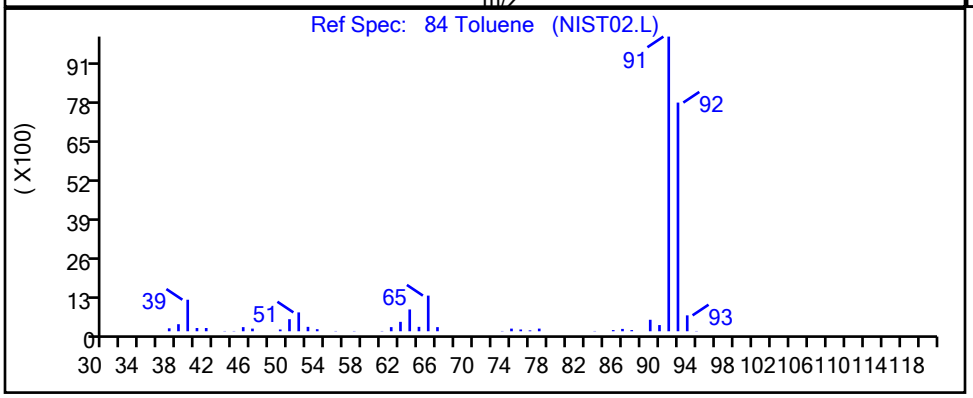
Processing Results











RT	Mass	Response	Amount
8.34	91.00	4492	0.263243
8.34	92.00	2664	

Reviewer: FK2C, 19-Apr-2025 09:17:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

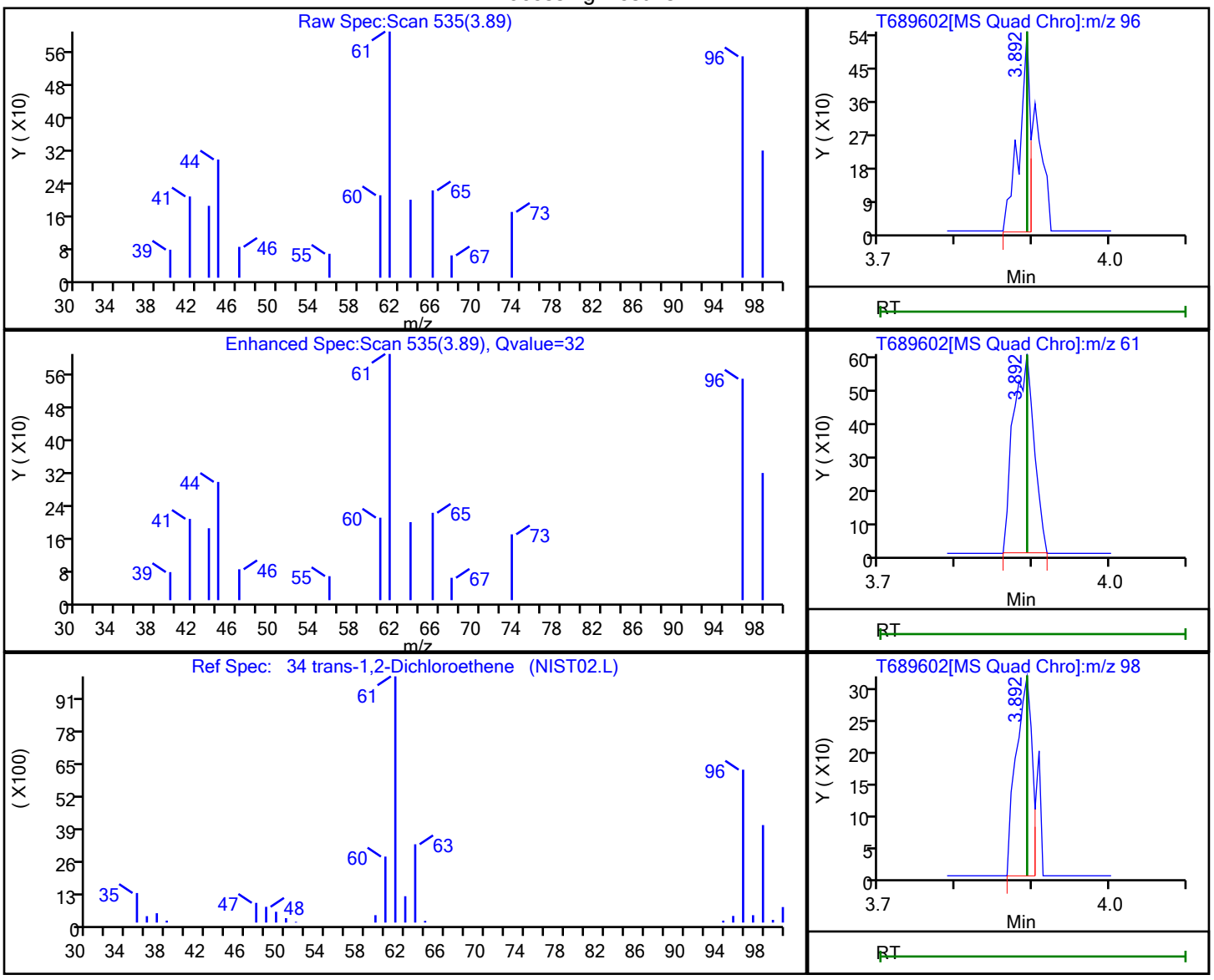
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
3.89	96.00	546	0.155720
3.89	61.00	1130	
3.89	98.00	458	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

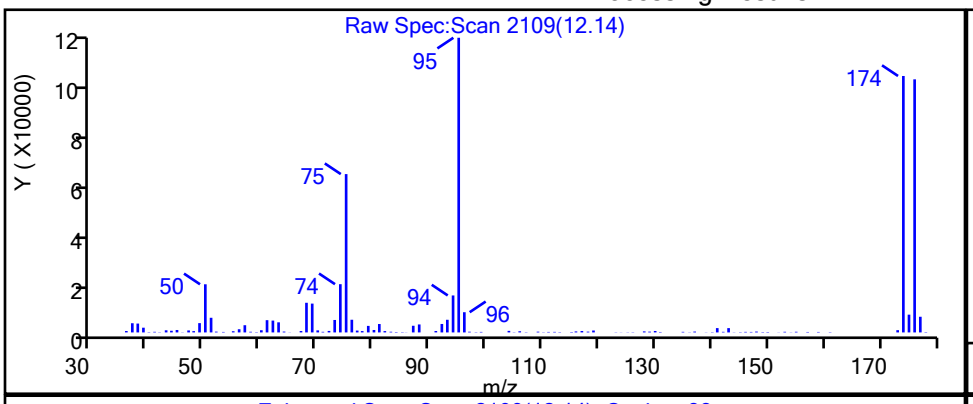
User Disabled Compound Report

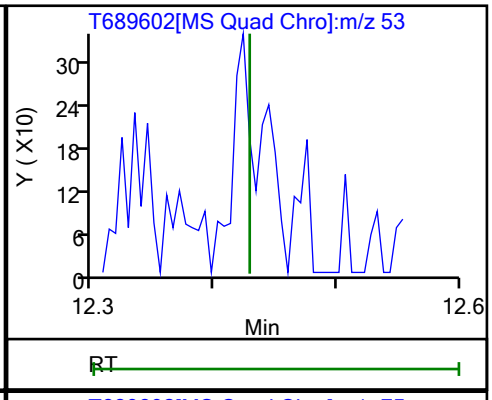
Eurofins Edison

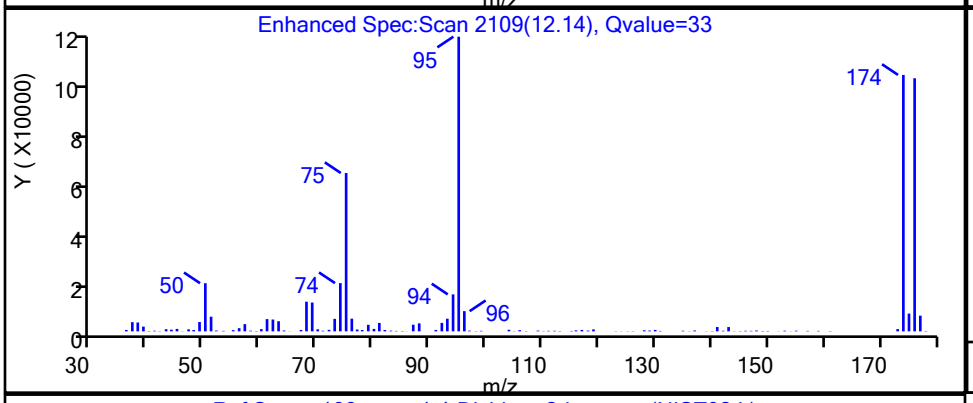
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

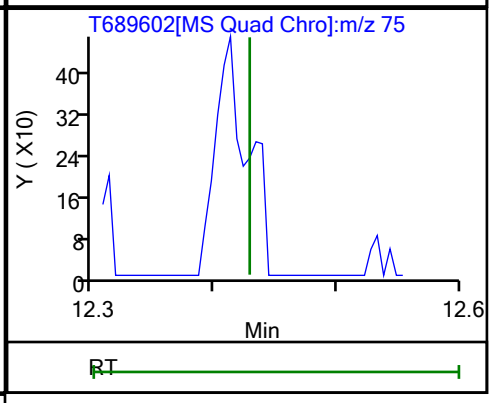
109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

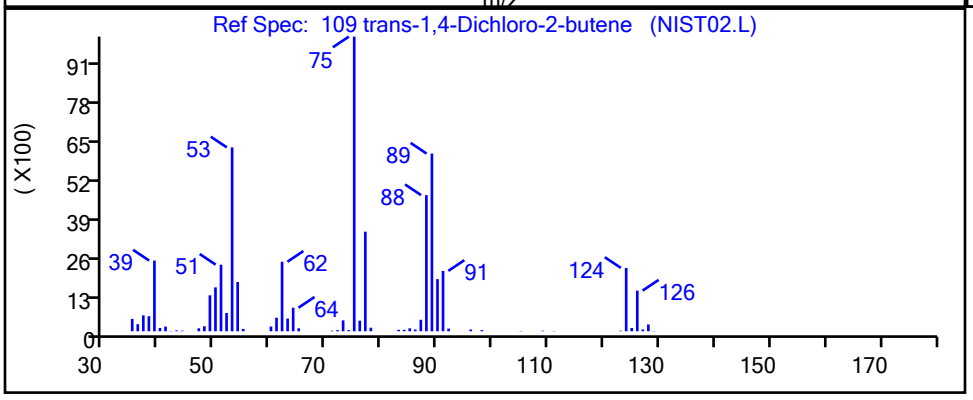
Processing Results











RT	Mass	Response	Amount
12.14	53.00	237	0.205902
12.14	75.00	118190	

Reviewer: FK2C, 19-Apr-2025 09:18:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

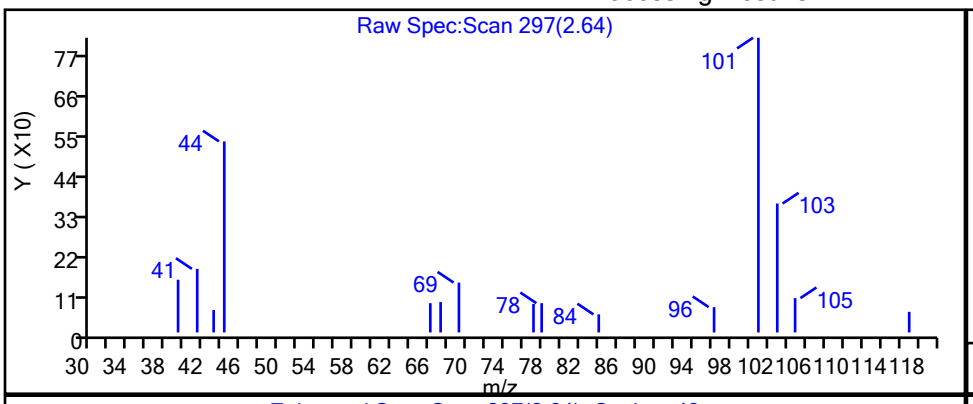
User Disabled Compound Report

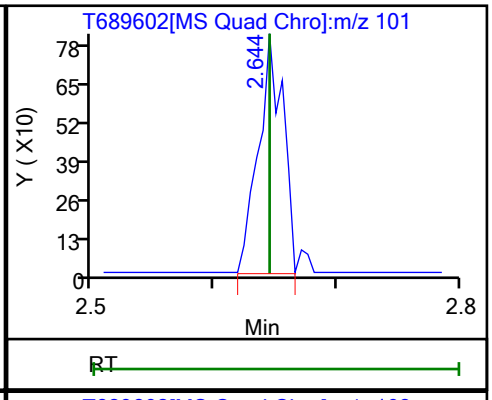
Eurofins Edison

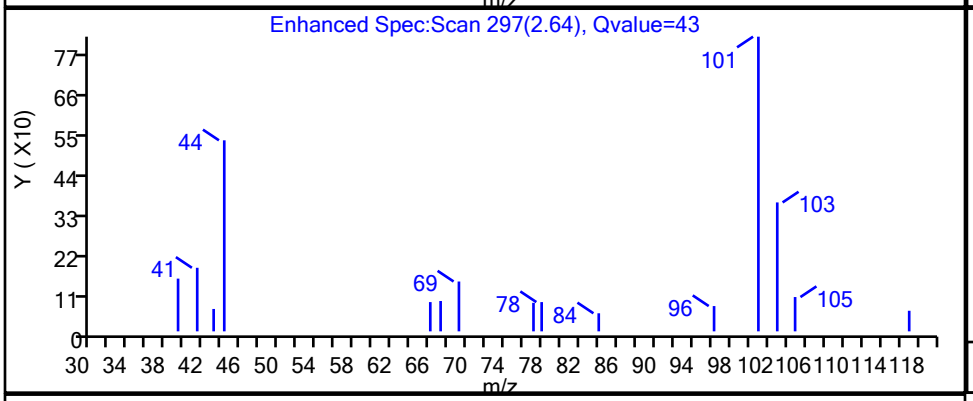
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

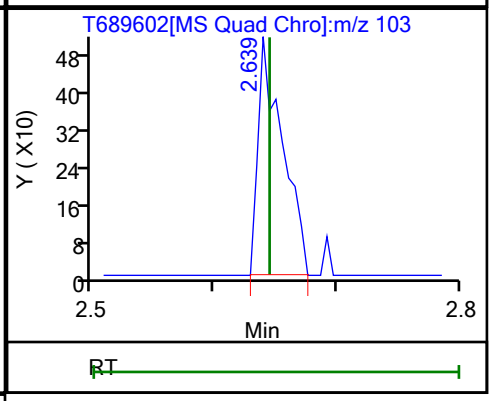
12 Trichlorofluoromethane, CAS: 75-69-4

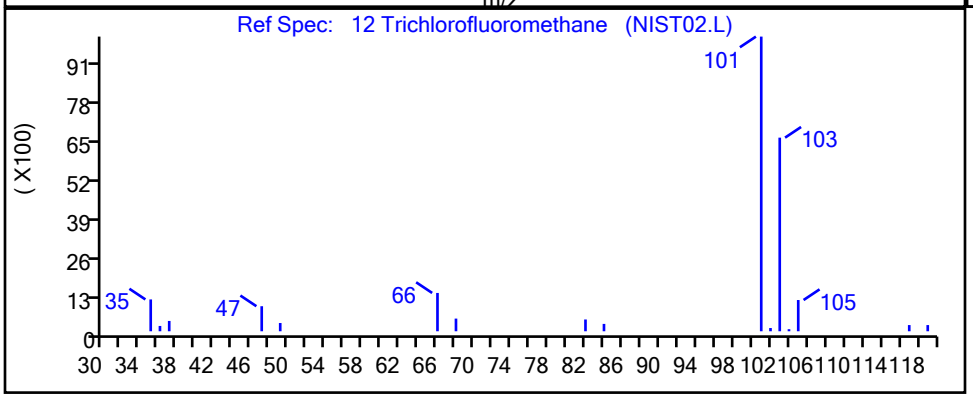
Processing Results











RT	Mass	Response	Amount
2.64	101.00	1138	0.170831
2.64	103.00	722	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

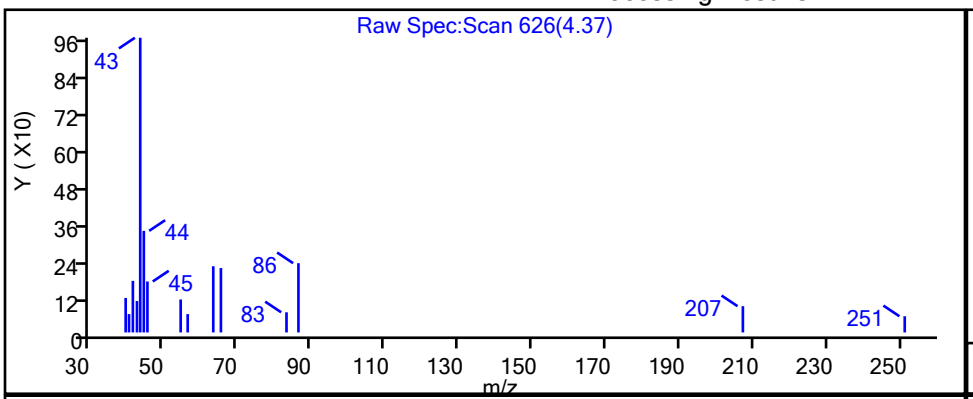
User Disabled Compound Report

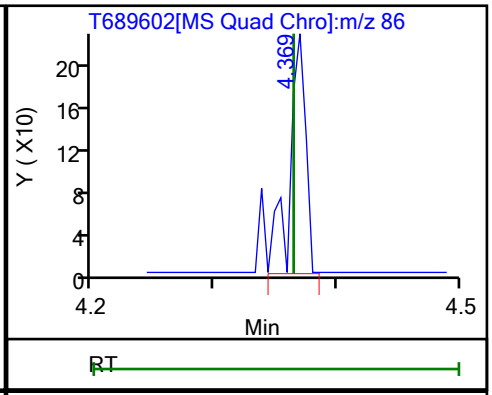
Eurofins Edison

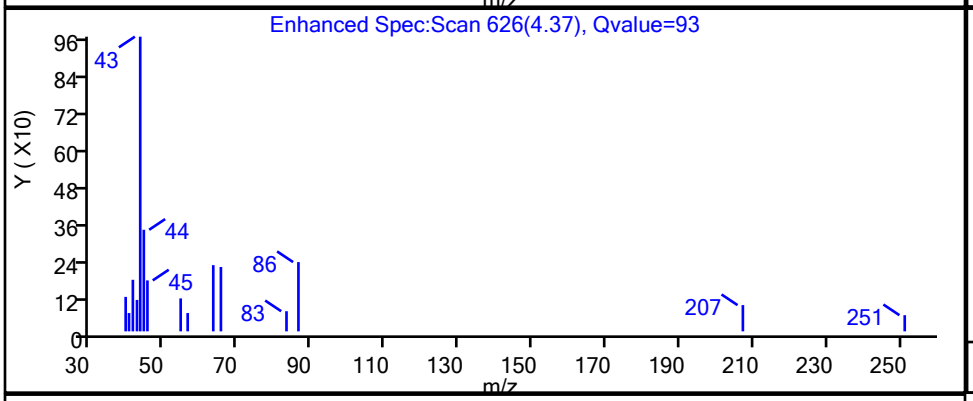
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D				
Injection Date:	19-Apr-2025 04:43:38	Instrument ID:	CVOAMS15		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

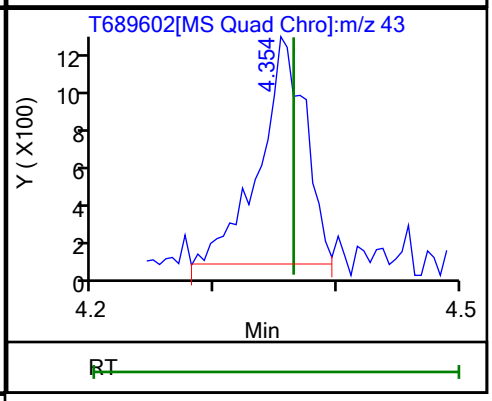
38 Vinyl acetate, CAS: 108-05-4

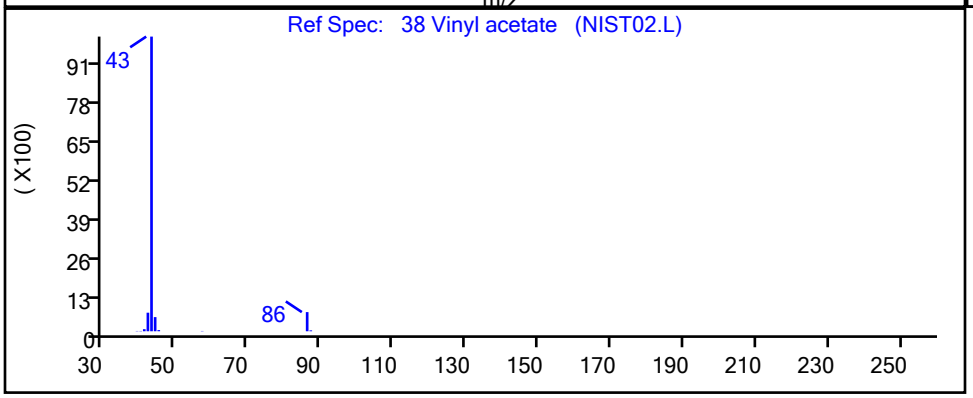
Processing Results











RT	Mass	Response	Amount
4.37	86.00	206	0.176527
4.35	43.00	3247	

Reviewer: FK2C, 19-Apr-2025 09:14:25 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

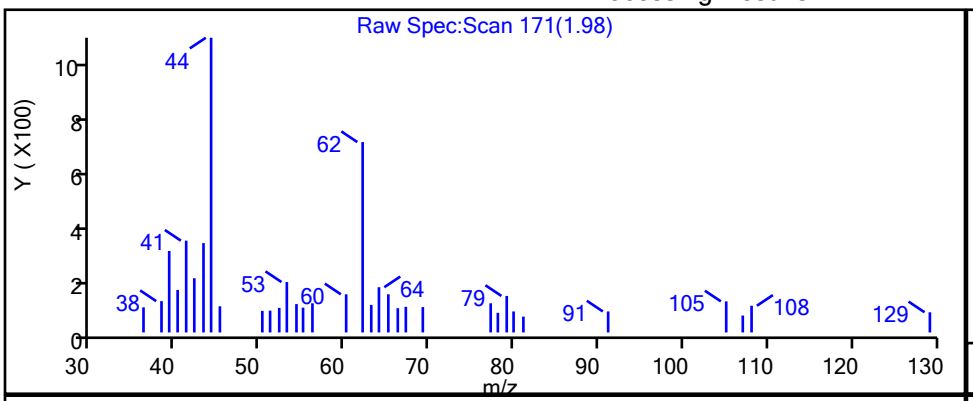
User Disabled Compound Report

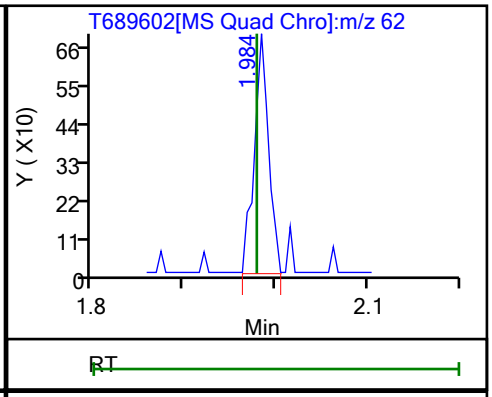
Eurofins Edison

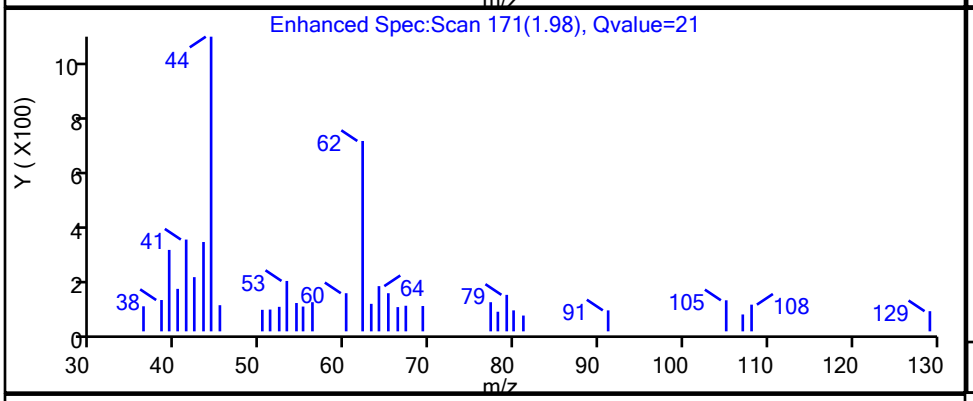
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689602.D
Injection Date: 19-Apr-2025 04:43:38 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

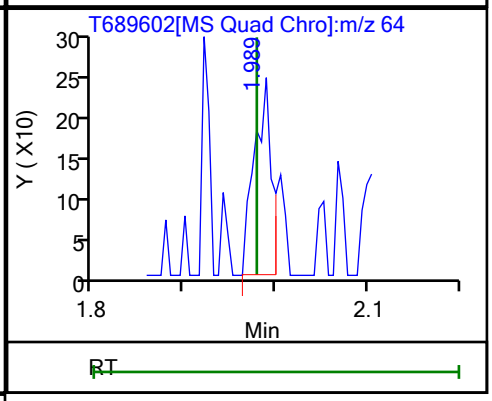
7 Vinyl chloride, CAS: 75-01-4

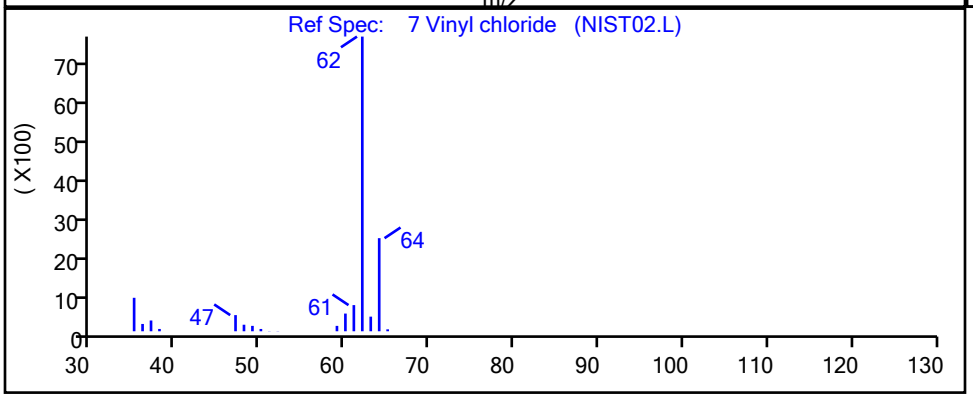
Processing Results











RT	Mass	Response	Amount
1.98	62.00	758	0.209001
1.99	64.00	325	

Reviewer: FK2C, 19-Apr-2025 09:13:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 19-Apr-2025 05:06:23 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0189481-004
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:08:28 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 09:11:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	2.015	2.015	0.000	67	953	0.2500	0.2578	
* 31 TBA-d9 (IS)	66	3.620	3.620	0.000	95	46741	1000.0	1000.0	
33 Acrylonitrile	53	3.945	3.940	0.005	74	1834	2.00	1.78	M
* 42 2-Butanone-d5	46	4.899	4.899	0.000	47	162445	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.471	0.000	96	155912	50.0	49.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.885	5.885	0.000	95	196160	50.0	48.3	
* 65 Fluorobenzene	96	6.236	6.231	0.005	99	549239	50.0	50.0	
* 73 1,4-Dioxane-d8	96	7.049	7.054	-0.005	1	31717	1000.0	1000.0	
80 Epichlorohydrin	57	7.840	7.846	-0.006	16	1254	5.00	3.96	M
$ 83 Toluene-d8 (Surr)	98	8.249	8.249	0.000	98	536613	50.0	50.4	
* 94 Chlorobenzene-d5	117	10.415	10.415	0.000	87	436837	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	12.140	12.145	-0.005	88	191505	50.0	49.8	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	96	257876	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

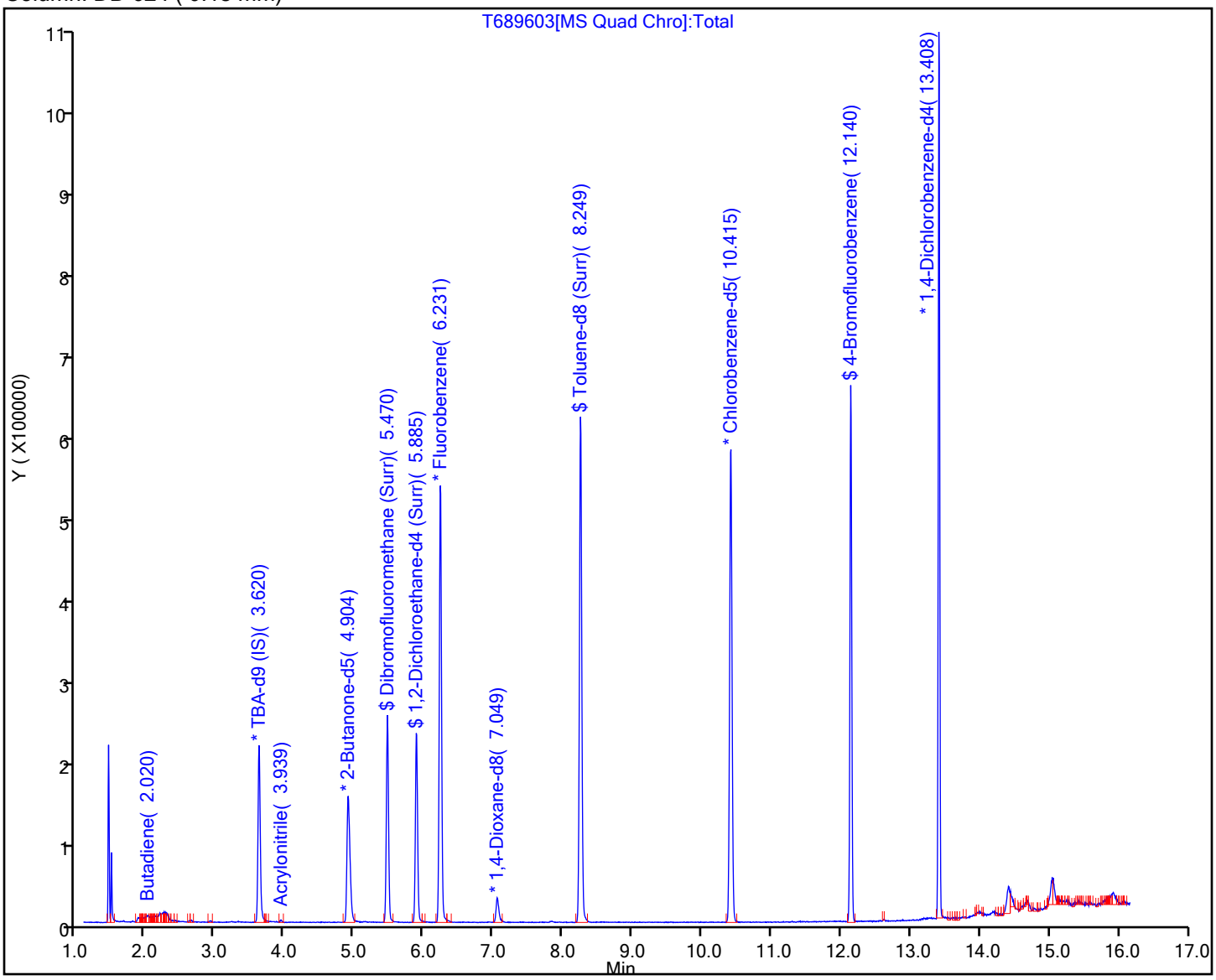
Reagents:

8260MIX1COMB_00203	Amount Added:	0.00	Units: uL	
ACROLEIN W_00182	Amount Added:	0.00	Units: uL	
GASES Li_00637	Amount Added:	2.50	Units: uL	
14DIOXINTER_00183	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00136	Amount Added:	20.00	Units: uL	
Ethanol mix_00100	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00160	Amount Added:	0.00	Units: uL	
MIX I Hi_00187	Amount Added:	0.00	Units: uL	
7 Freons Hi_00026	Amount Added:	0.00	Units: uL	
GAS Hi_00493	Amount Added:	0.00	Units: uL	
524FREONS_00033	Amount Added:	0.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:08:29 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

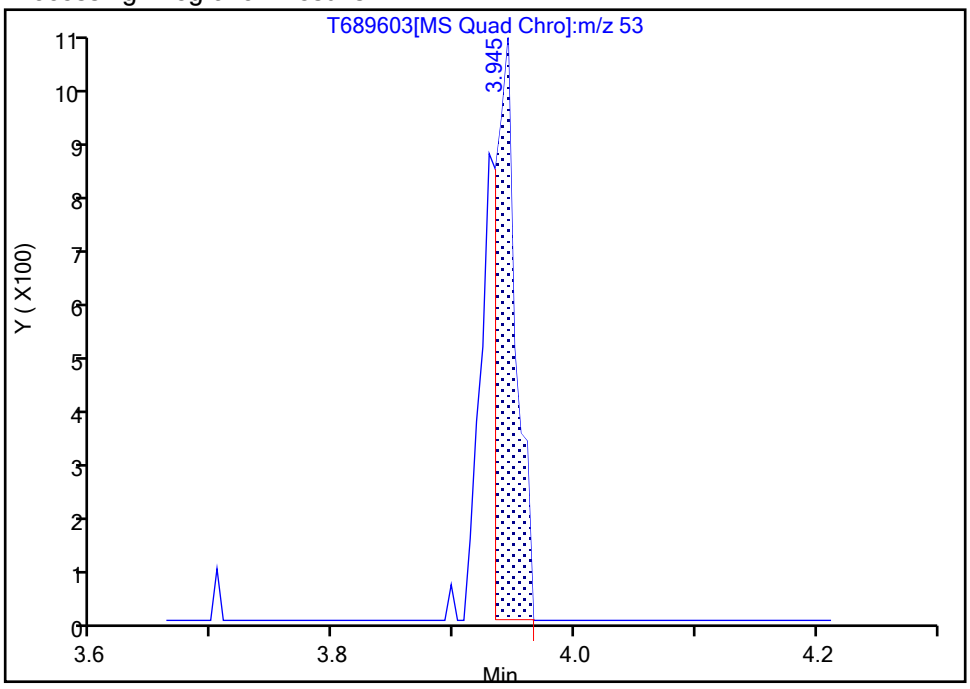
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Acrylonitrile, CAS: 107-13-1

Signal: 1

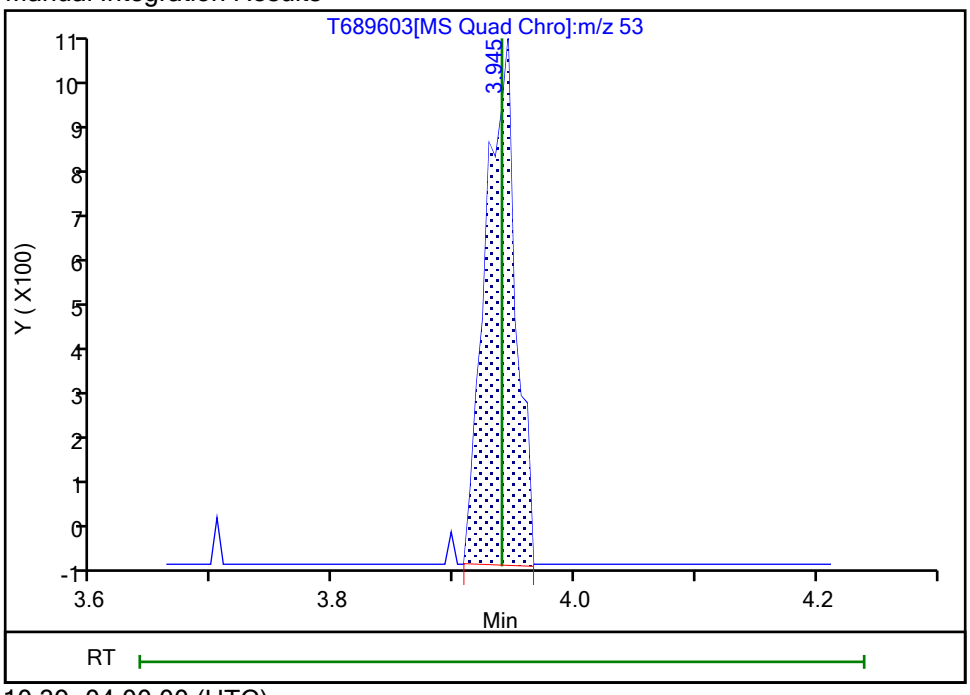
Processing Integration Results

RT: 3.94
Area: 1246
Amount: 1.221096
Amount Units: ug/l



Manual Integration Results

RT: 3.94
Area: 1834
Amount: 1.781987
Amount Units: ug/l



Reviewer: FK2C, 19-Apr-2025 09:10:39 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

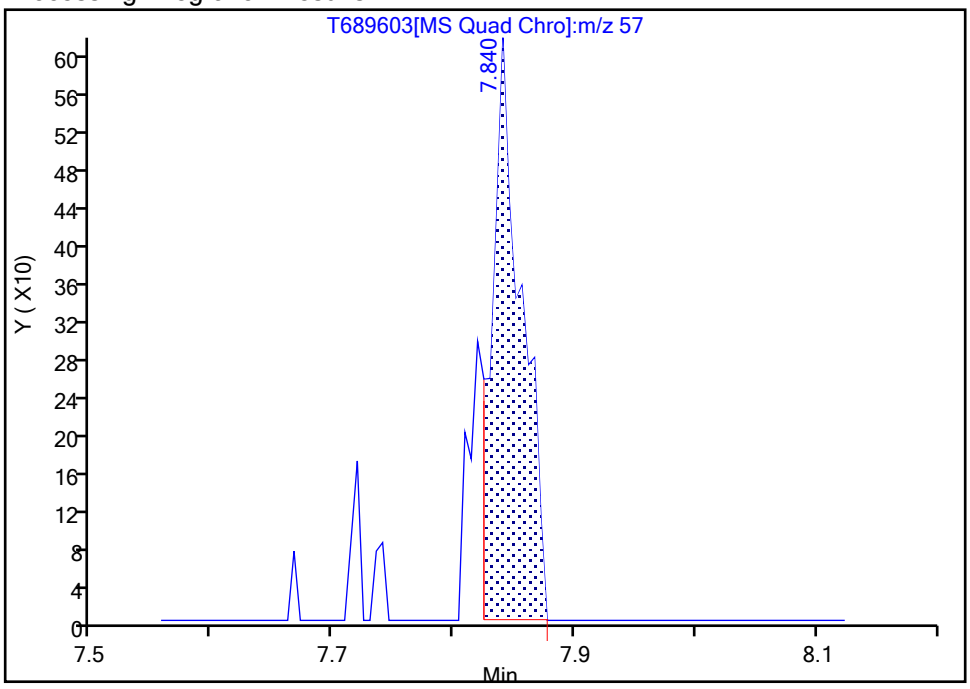
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

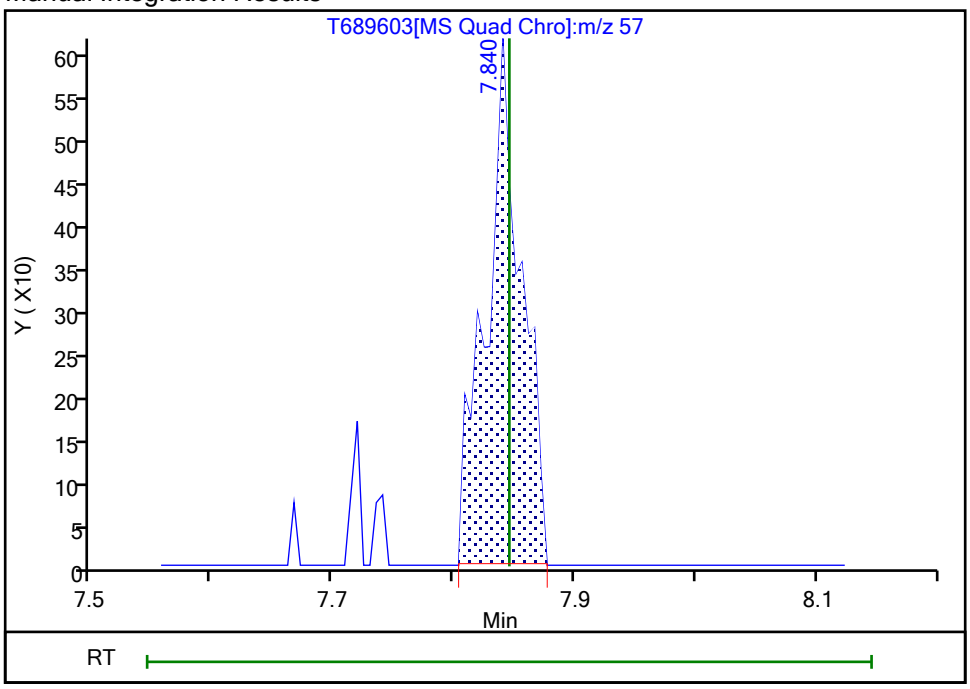
Processing Integration Results

RT: 7.84
Area: 1050
Amount: 3.315903
Amount Units: ug/l



Manual Integration Results

RT: 7.84
Area: 1254
Amount: 3.960334
Amount Units: ug/l



Reviewer: FK2C, 19-Apr-2025 09:10:59 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

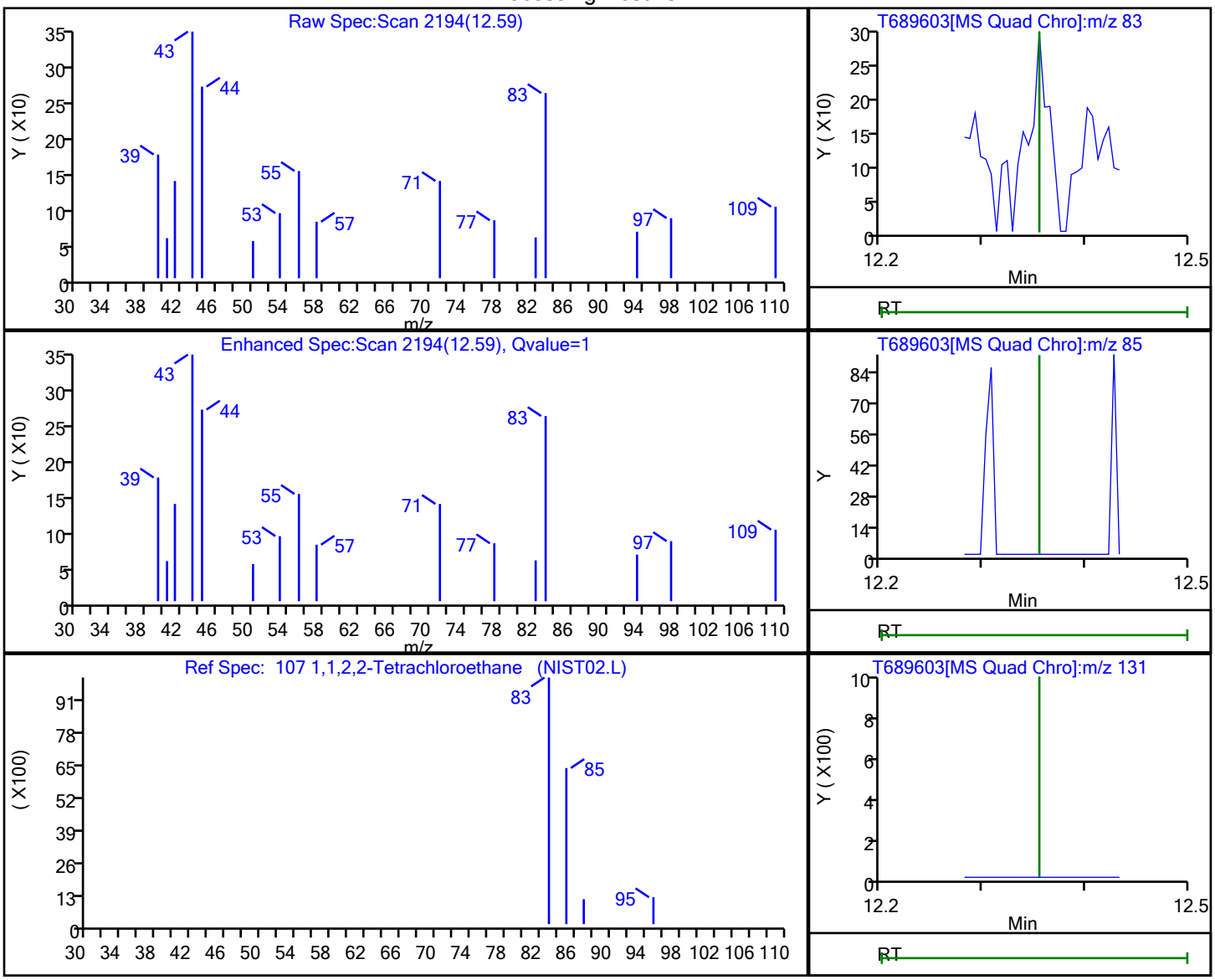
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
12.59	83.00	121	0.030615
12.59	85.00	56	
12.34	131.00	0	

Reviewer: FK2C, 19-Apr-2025 09:11:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

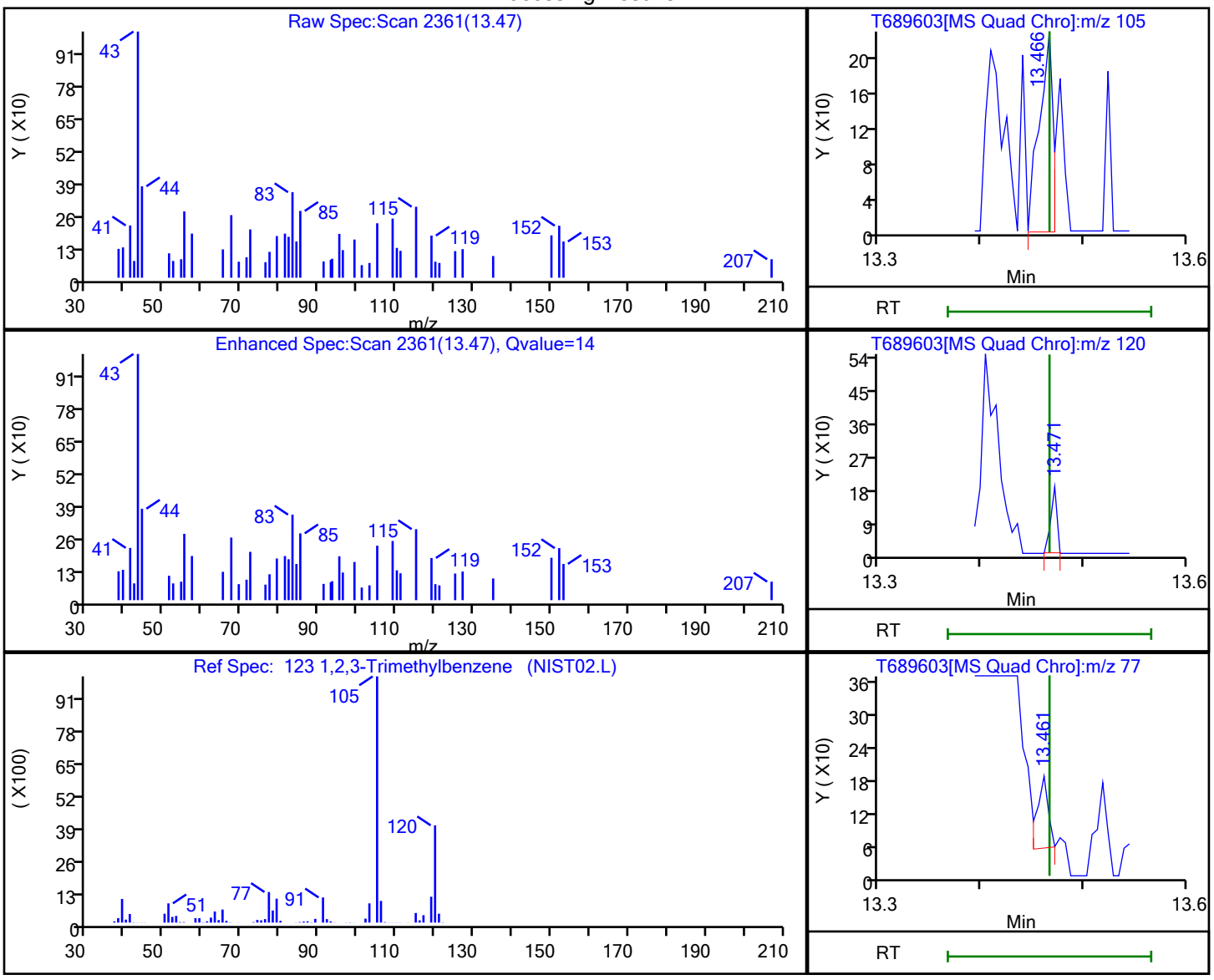
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
13.47	105.00	209	0.012444
13.47	120.00	77	
13.46	77.00	98	

Reviewer: FK2C, 19-Apr-2025 09:11:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

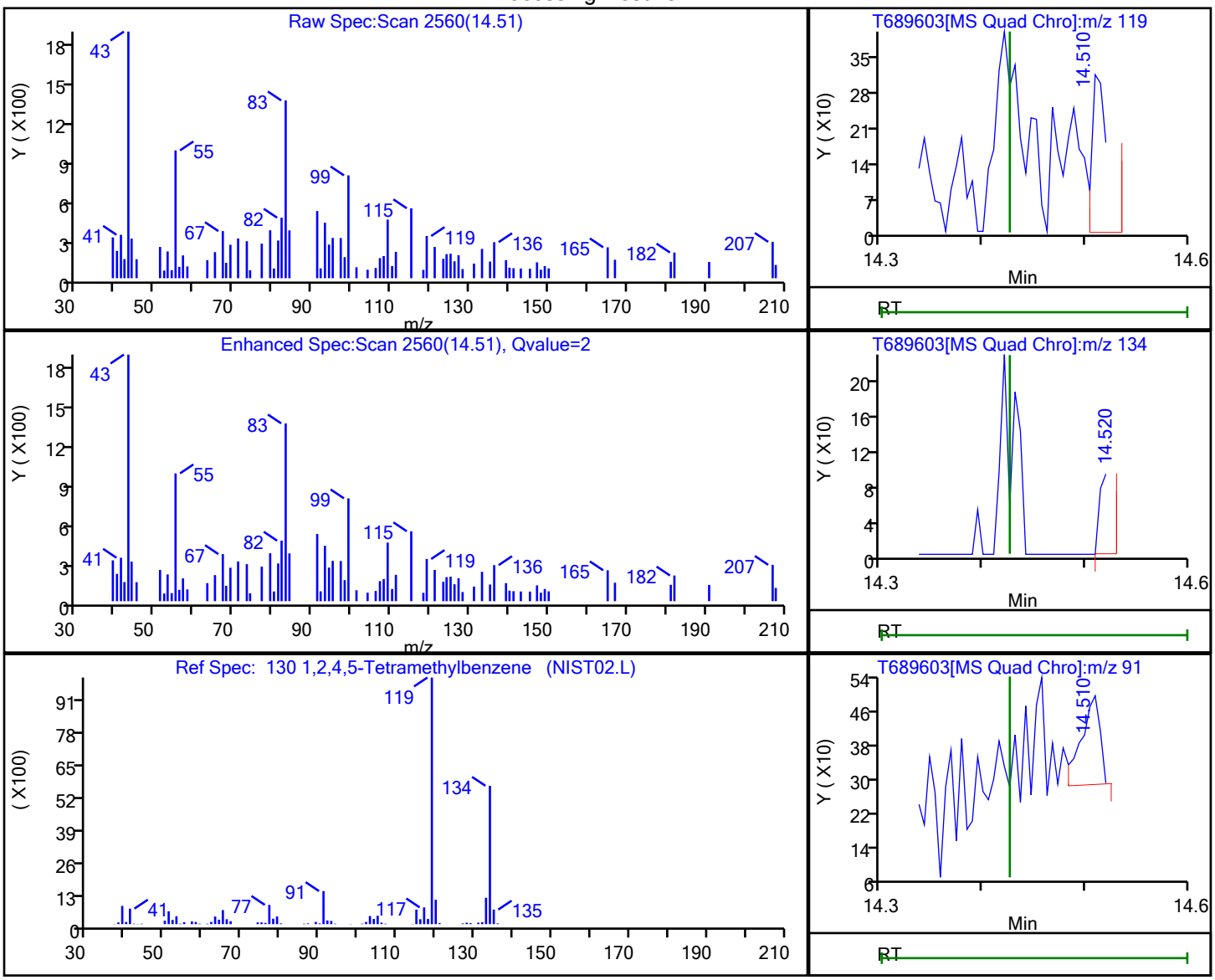
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
14.51	119.00	359	0.025751
14.52	134.00	74	
14.51	91.00	272	

Reviewer: FK2C, 19-Apr-2025 09:11:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

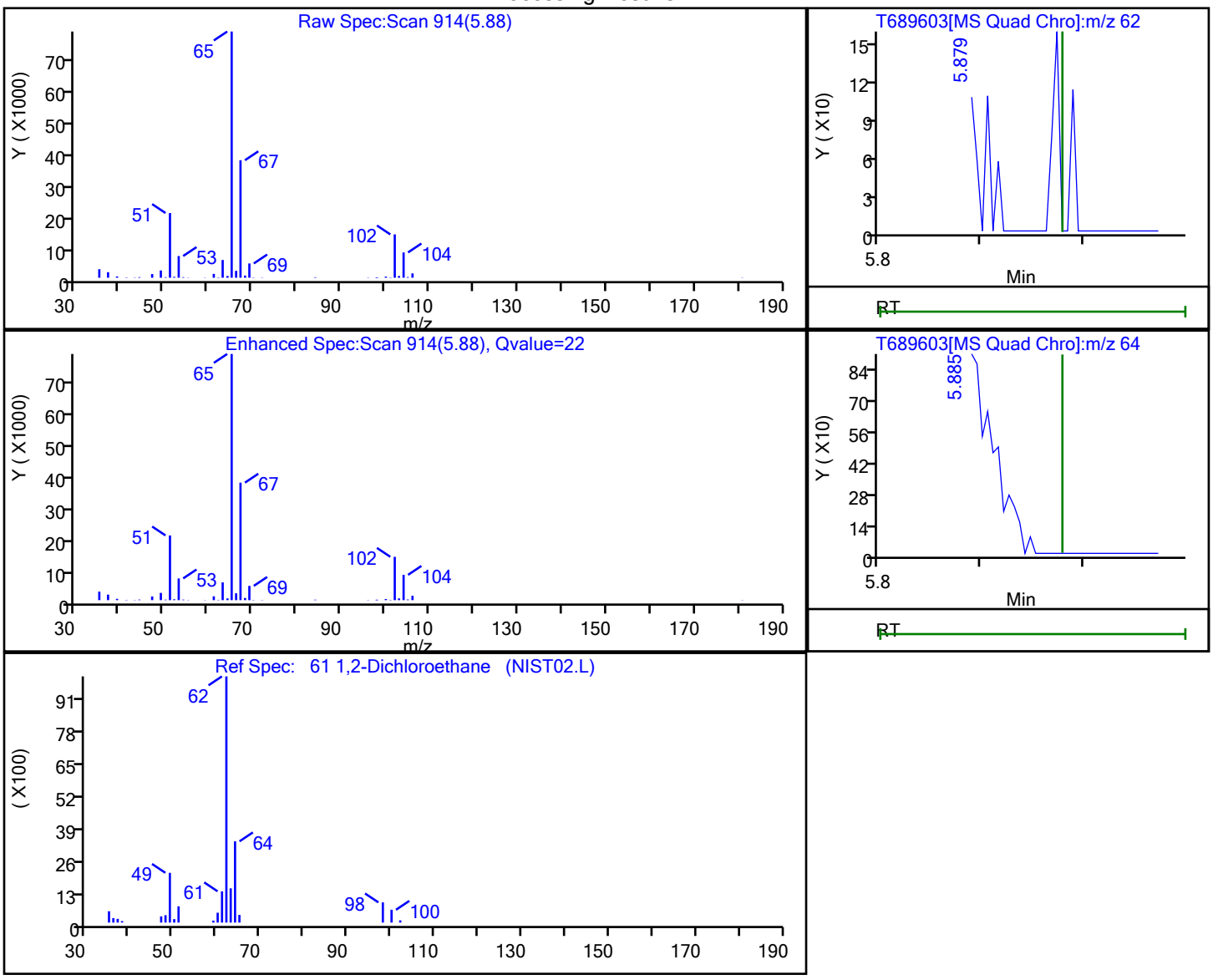
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

61 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.88	62.00	101	0.014952
5.88	64.00	2393	

Reviewer: FK2C, 19-Apr-2025 09:10:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

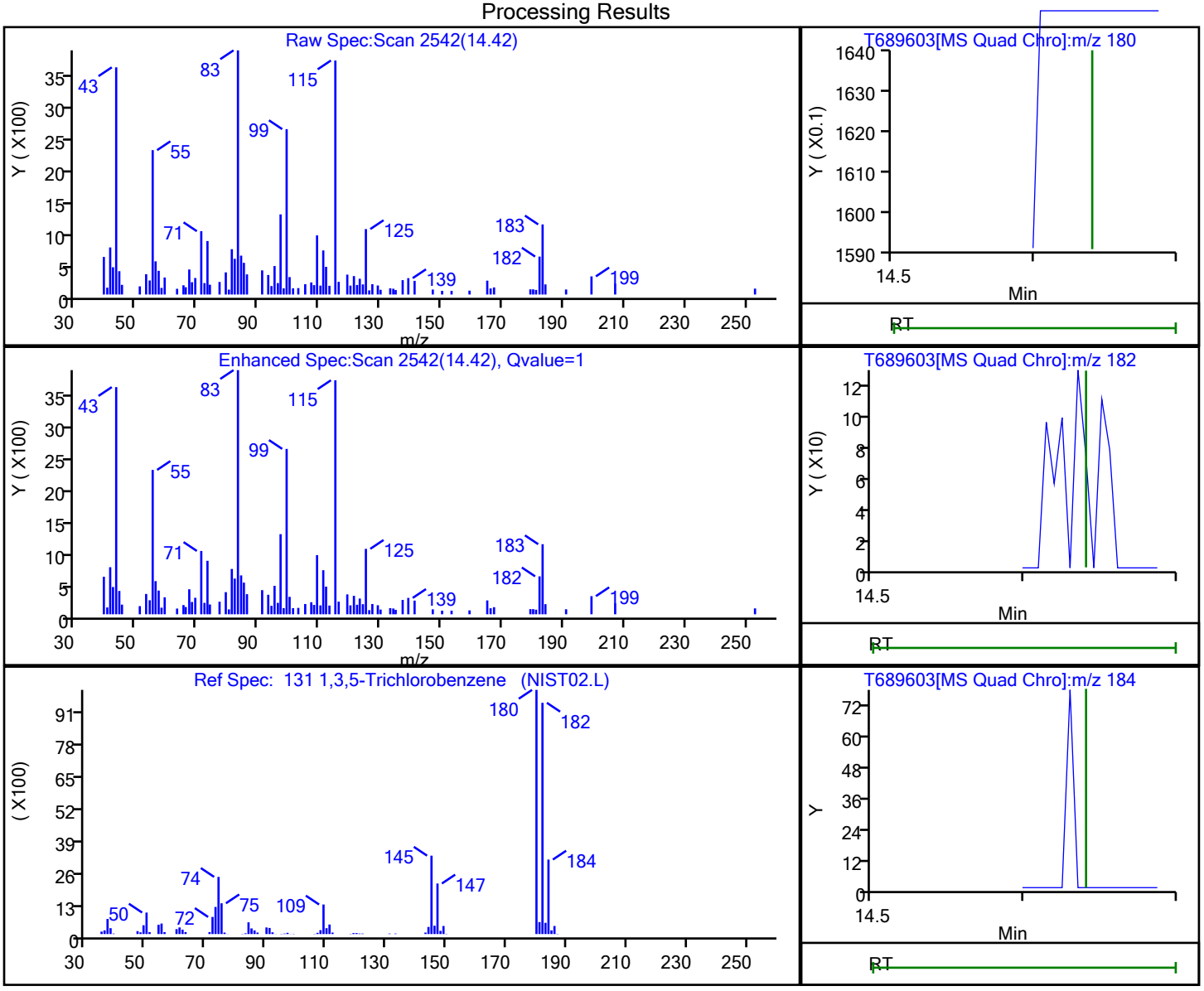
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
14.42	180.00	43	0.007364
14.41	182.00	1749	
14.42	184.00	95	

Reviewer: FK2C, 19-Apr-2025 09:11:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

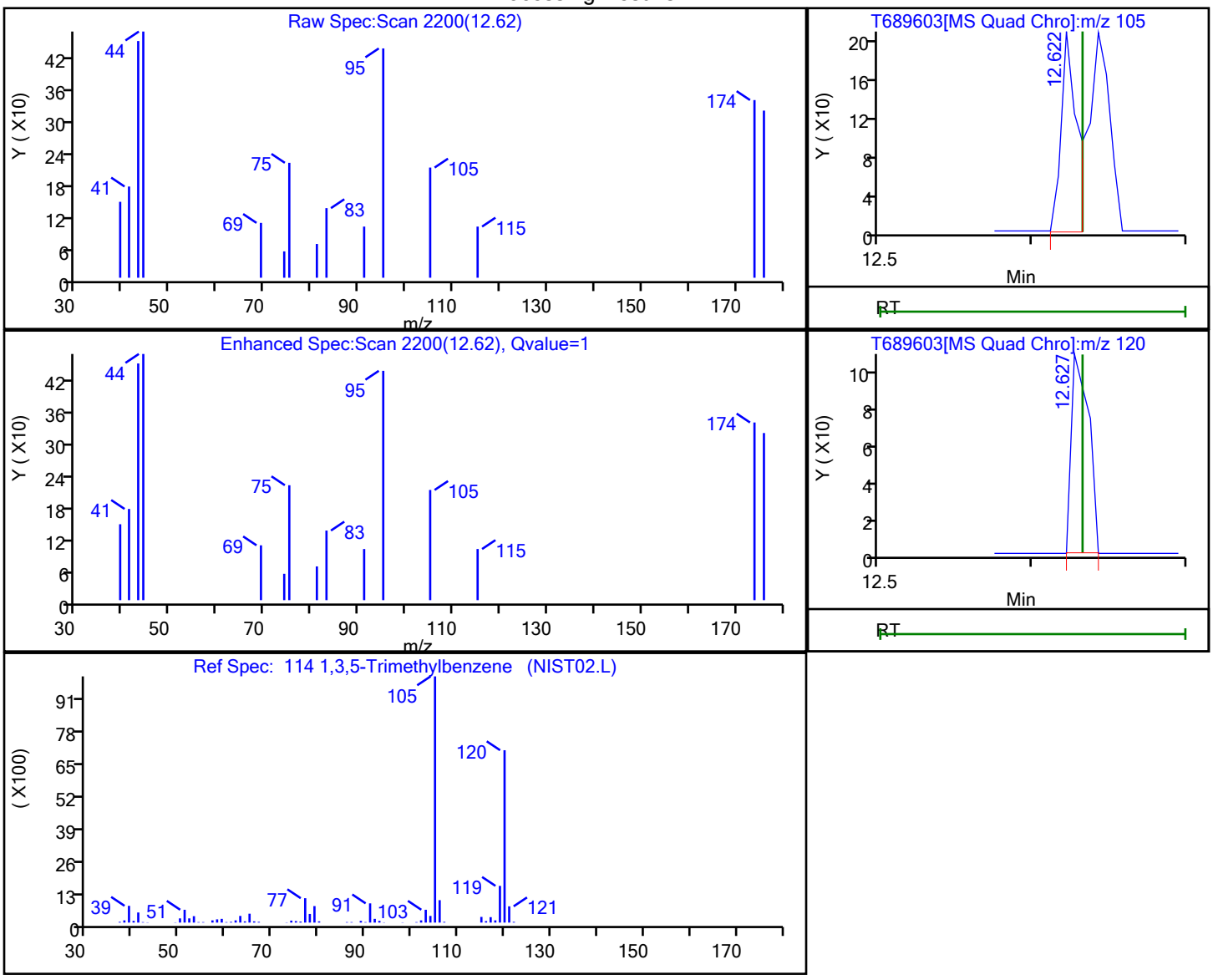
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
12.62	105.00	152	0.009476
12.63	120.00	81	

Reviewer: FK2C, 19-Apr-2025 09:11:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

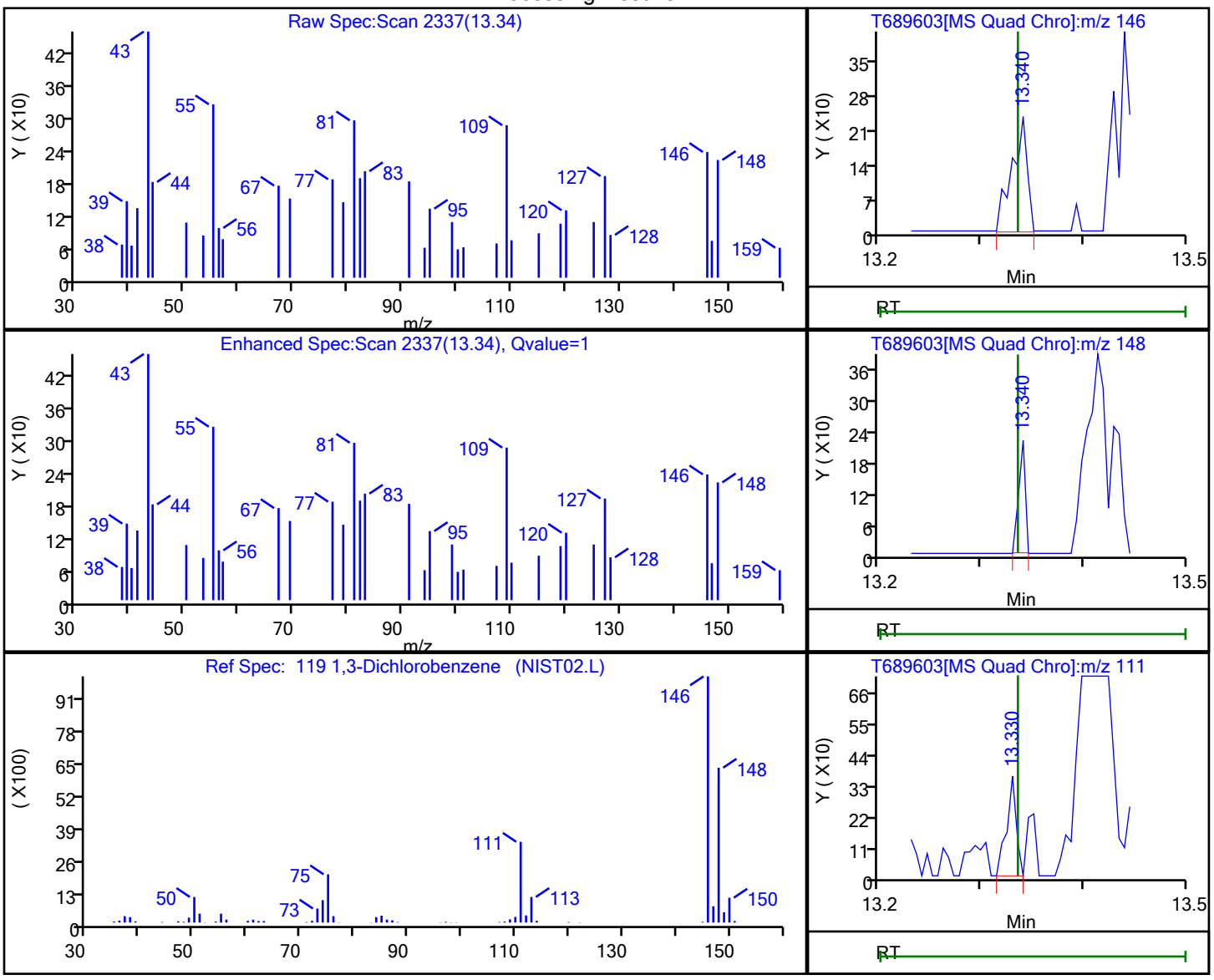
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
13.34	146.00	244	0.026728
13.34	148.00	100	
13.33	111.00	238	

Reviewer: FK2C, 19-Apr-2025 09:11:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

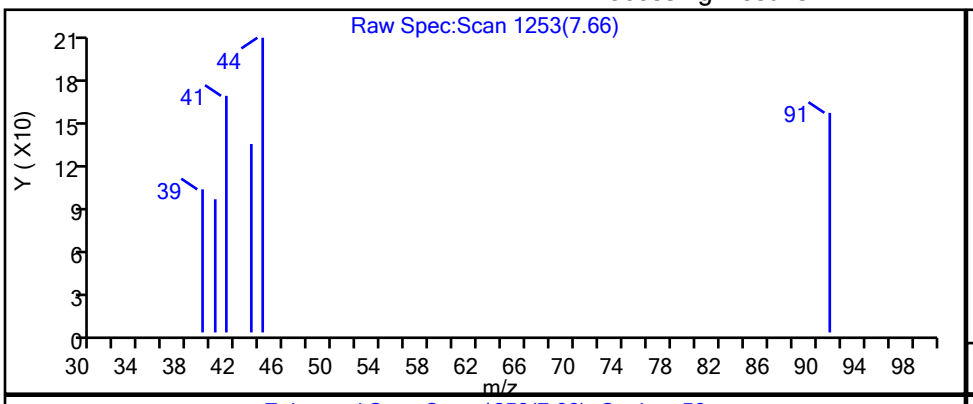
User Disabled Compound Report

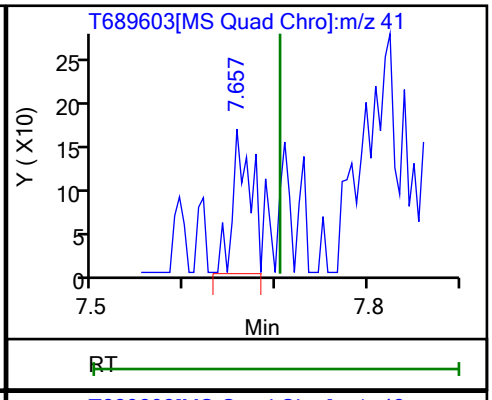
Eurofins Edison

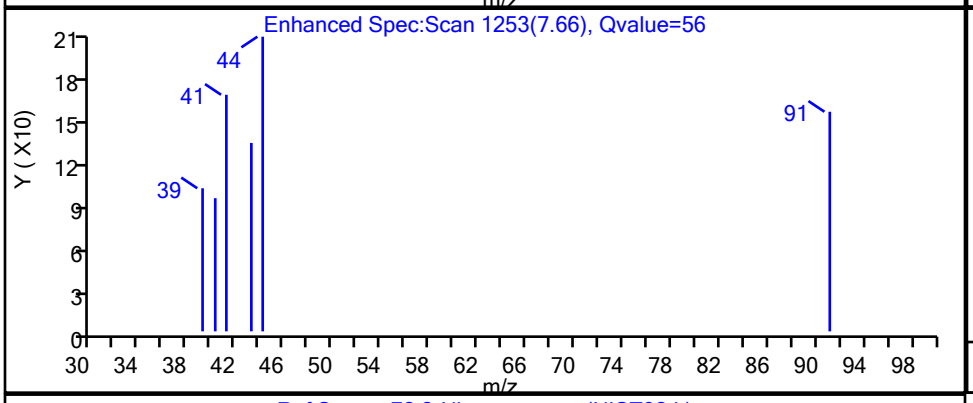
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

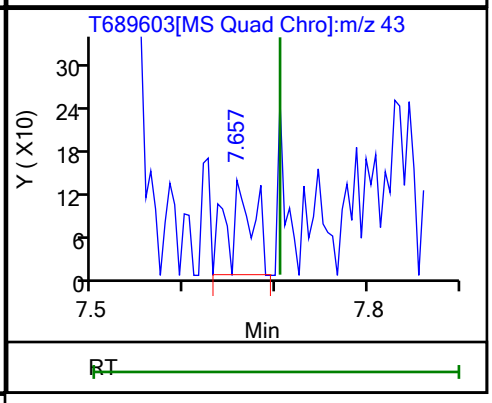
78 2-Nitropropane, CAS: 79-46-9

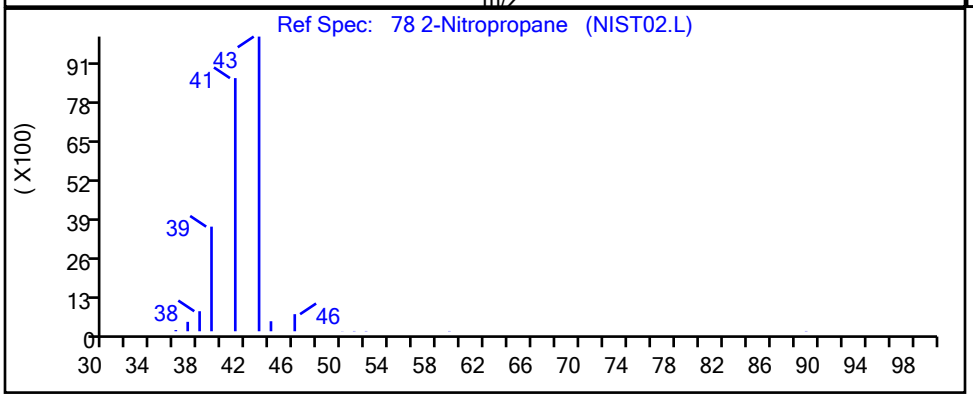
Processing Results











RT	Mass	Response	Amount
7.66	41.00	229	0.225908
7.66	43.00	265	

Reviewer: FK2C, 19-Apr-2025 09:10:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

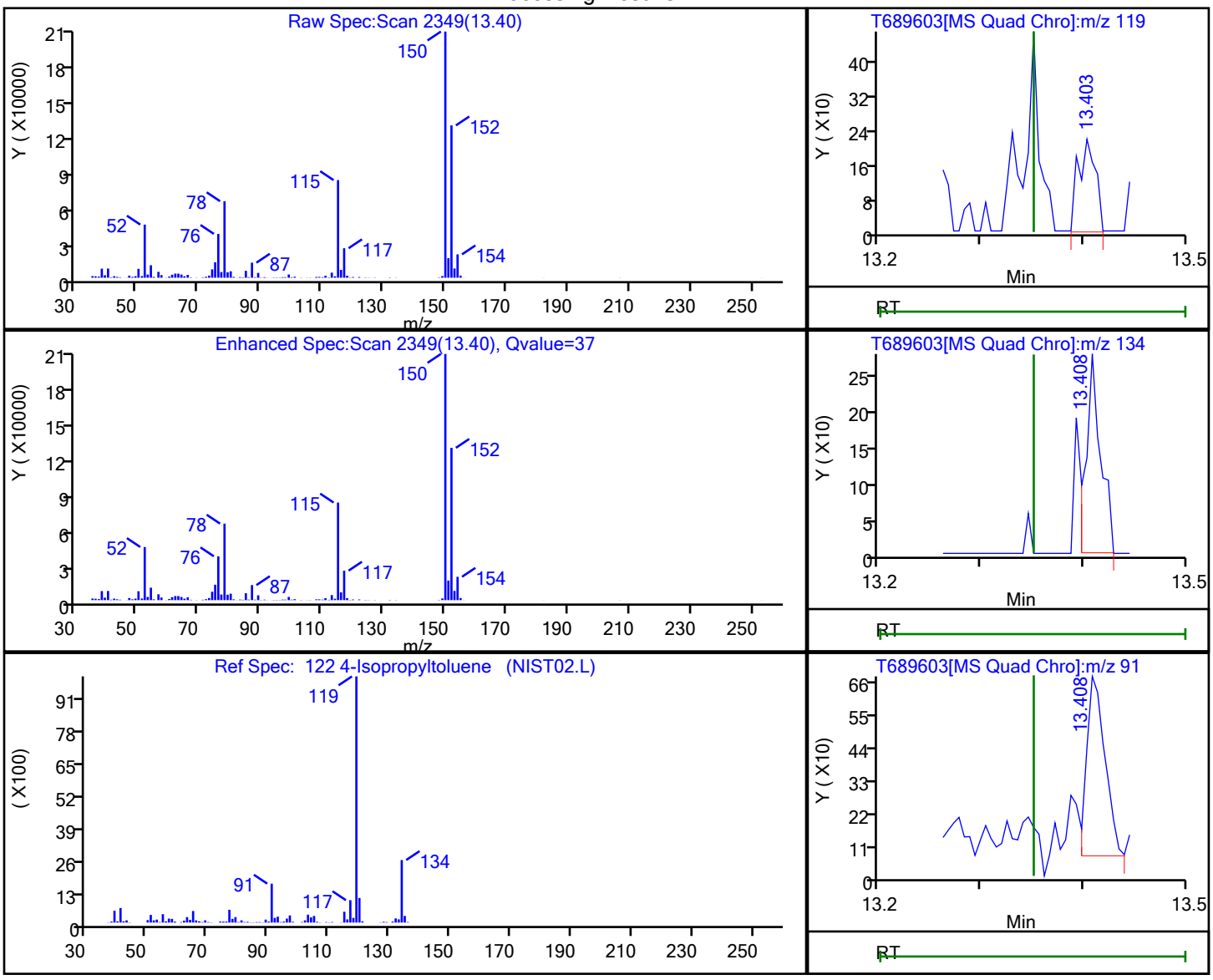
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
13.40	119.00	254	0.015288
13.41	134.00	272	
13.41	91.00	749	

Reviewer: FK2C, 19-Apr-2025 09:11:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

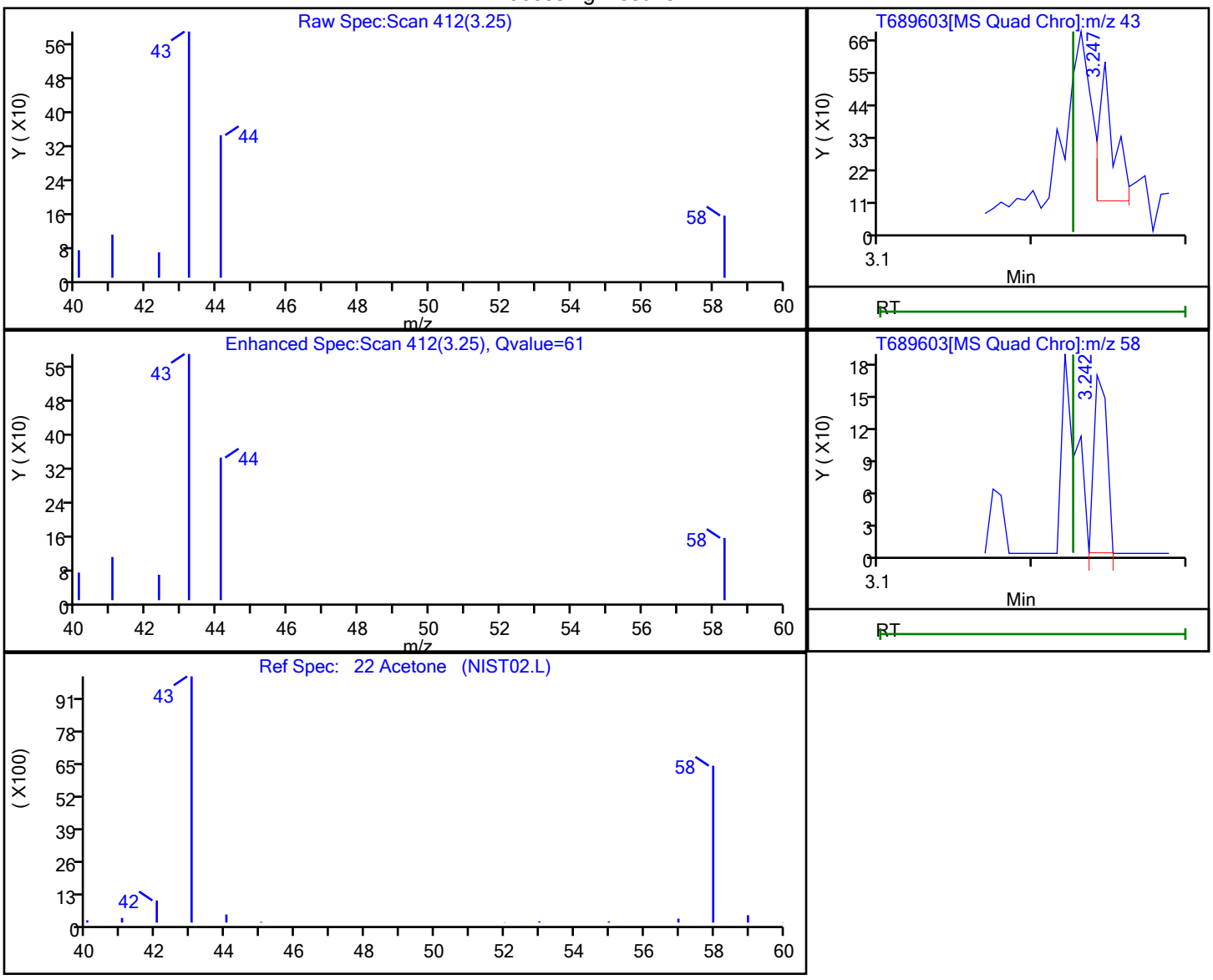
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.25	43.00	342	0.333433
3.24	58.00	99	

Reviewer: FK2C, 19-Apr-2025 09:10:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

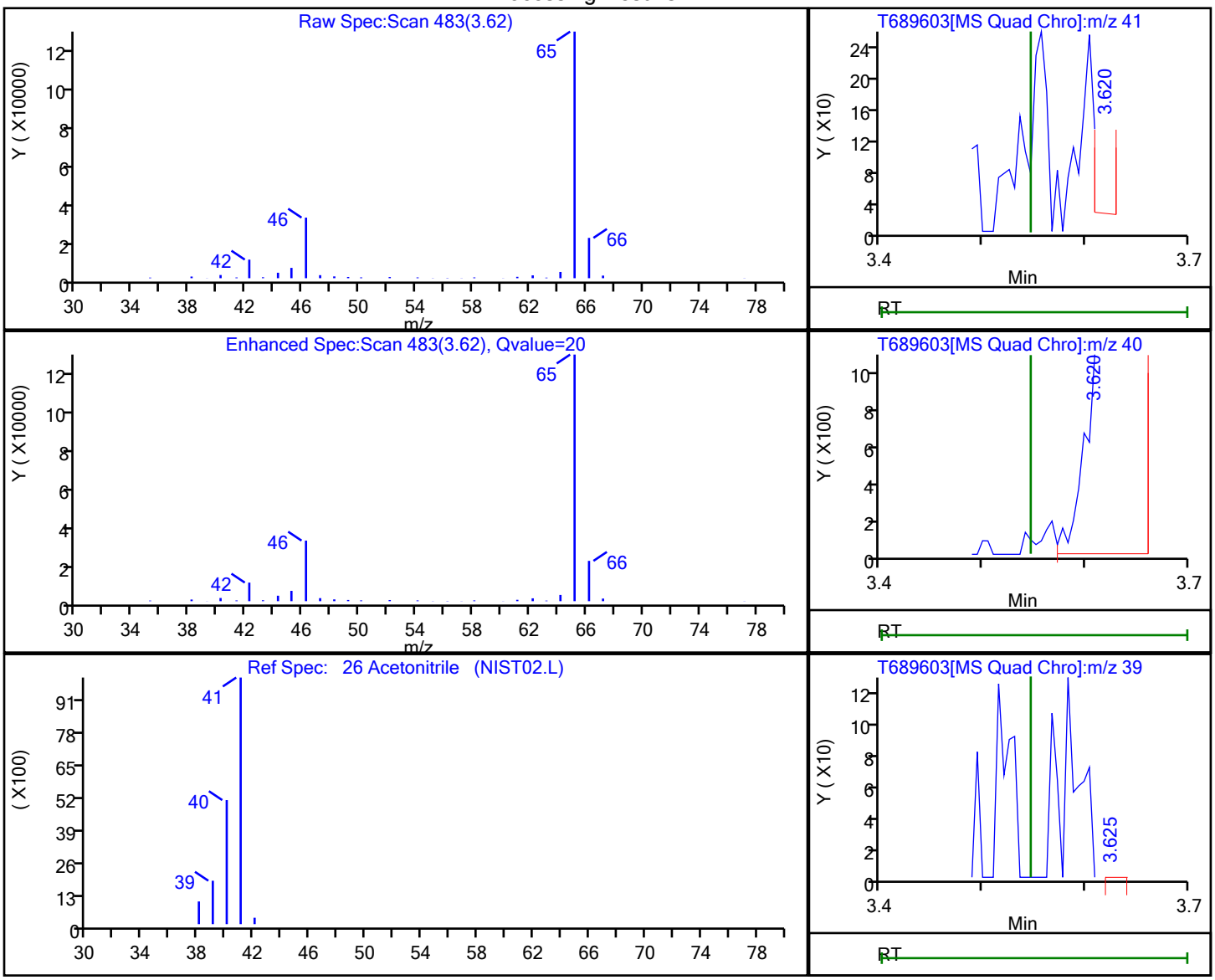
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.62	41.00	345	0.664985
3.62	40.00	3555	
3.62	39.00	166	
3.62	38.00	796	

Reviewer: FK2C, 19-Apr-2025 09:10:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

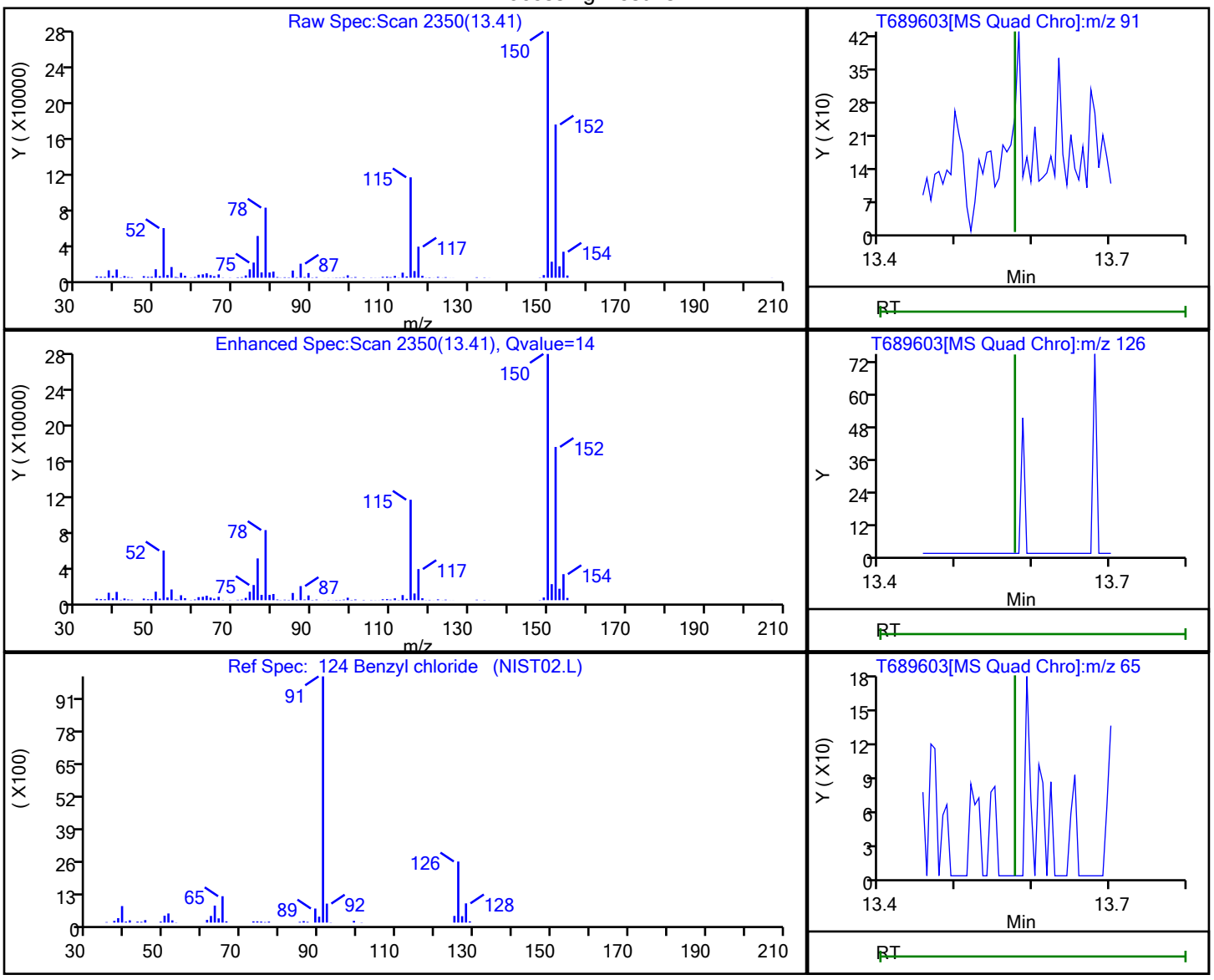
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
13.41	91.00	749	0.088802
13.41	126.00	64	
13.41	65.00	2425	

Reviewer: FK2C, 19-Apr-2025 09:11:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

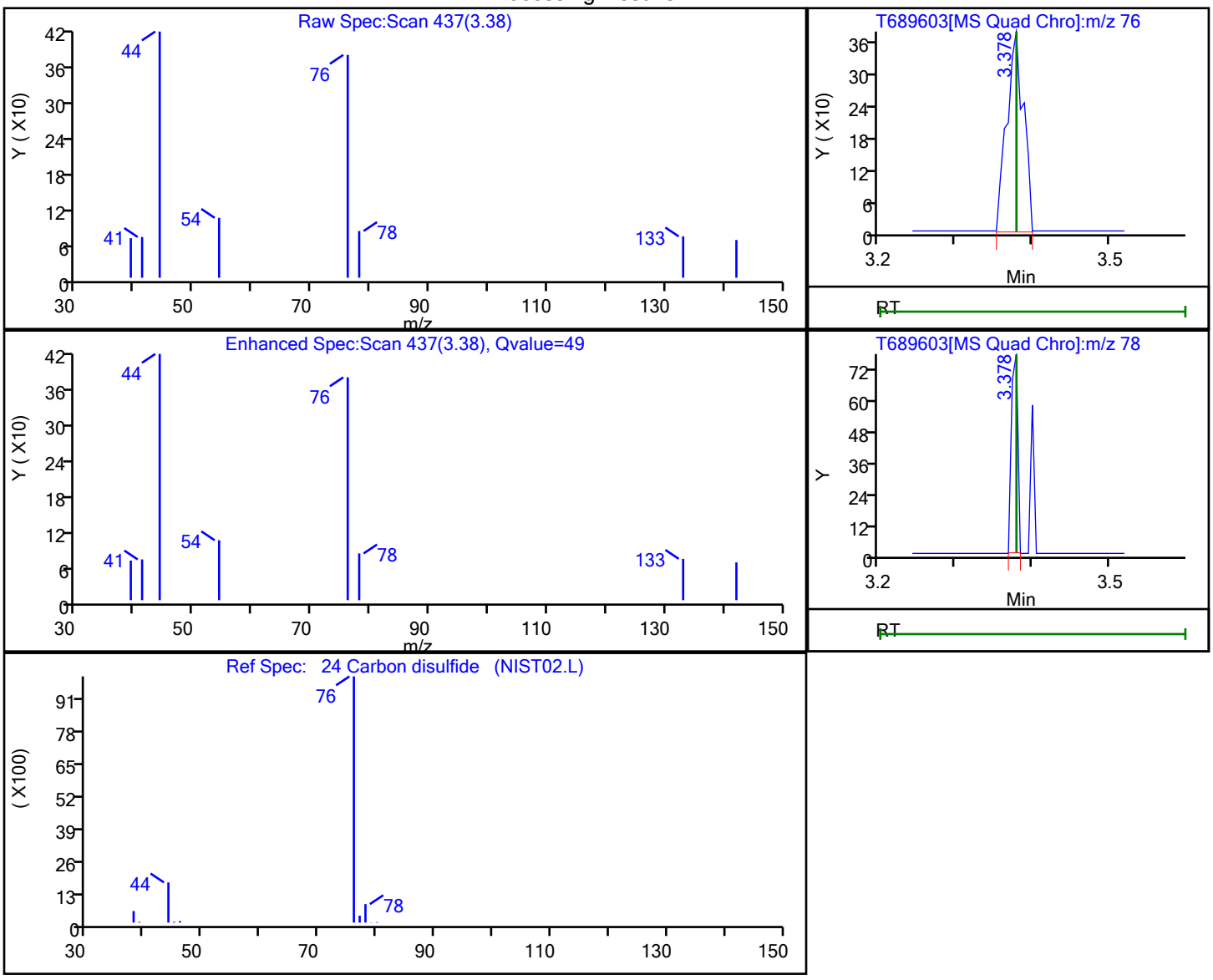
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
3.38	76.00	565	0.049809
3.38	78.00	46	

Reviewer: FK2C, 19-Apr-2025 09:10:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

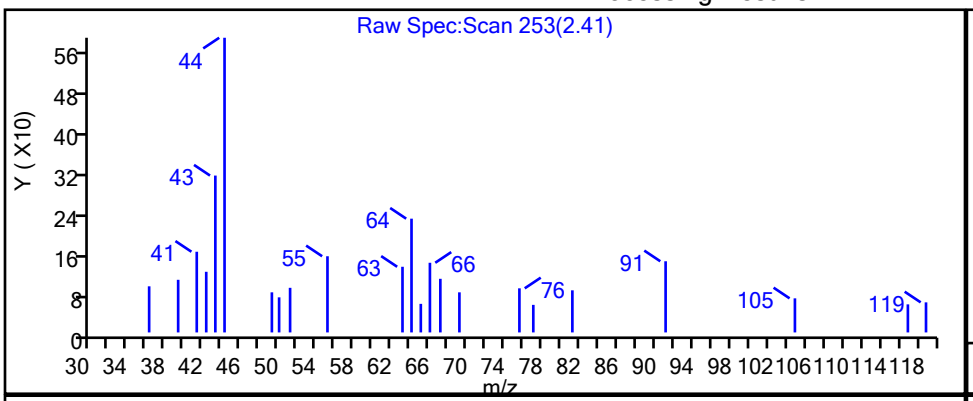
User Disabled Compound Report

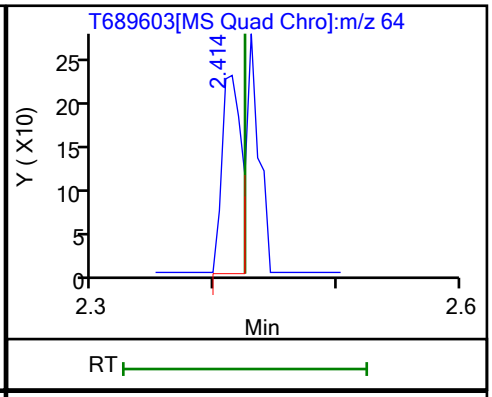
Eurofins Edison

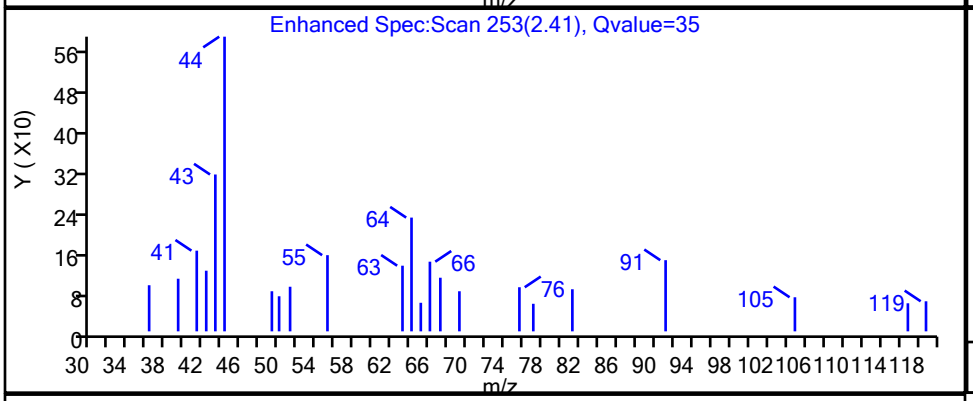
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

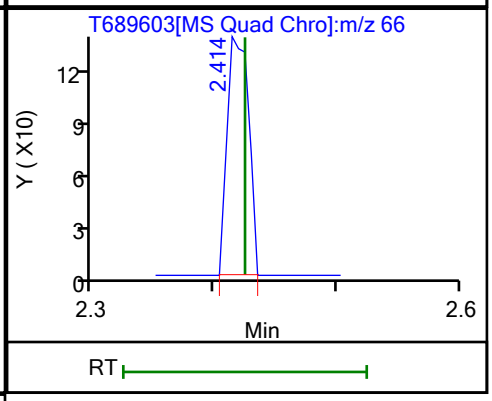
10 Chloroethane, CAS: 75-00-3

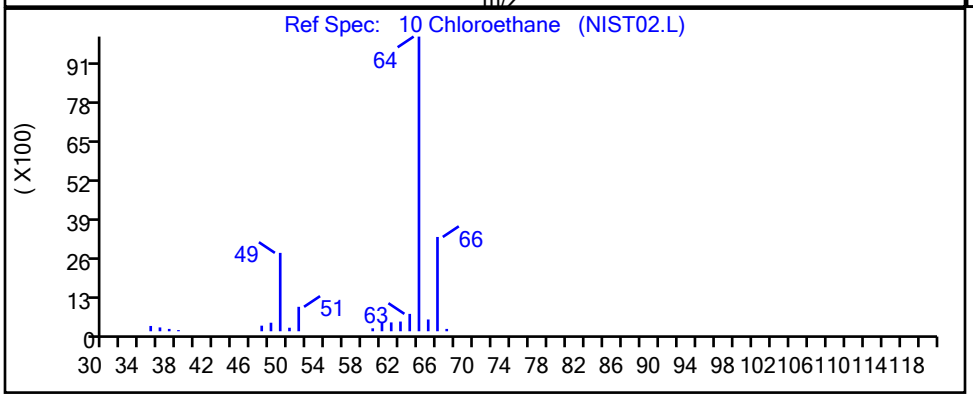
Processing Results











RT	Mass	Response	Amount
2.41	64.00	256	0.117678
2.41	66.00	170	

Reviewer: FK2C, 19-Apr-2025 09:10:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

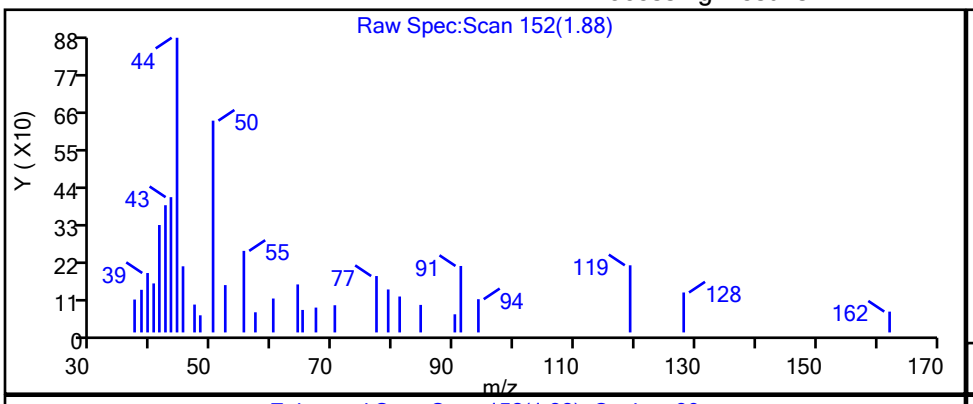
User Disabled Compound Report

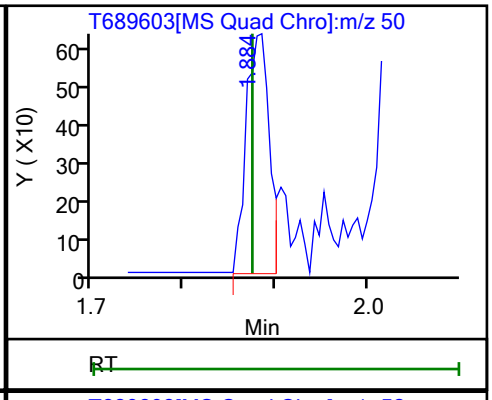
Eurofins Edison

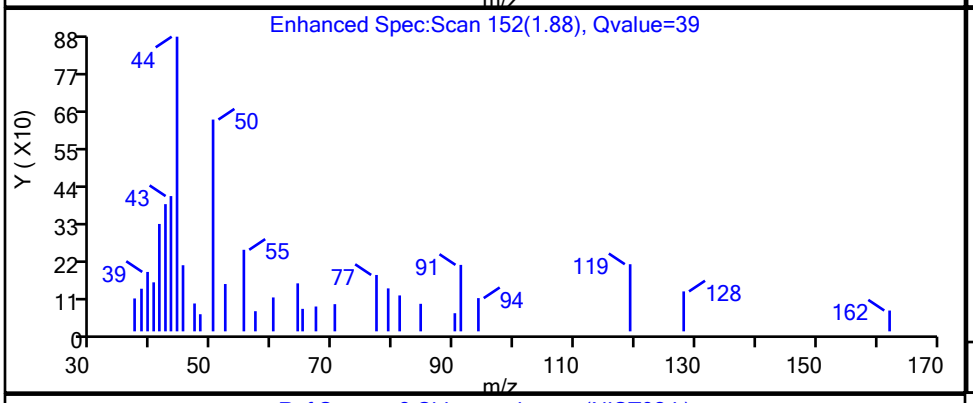
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

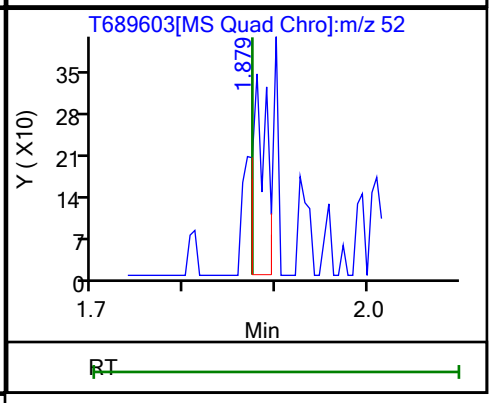
6 Chloromethane, CAS: 74-87-3

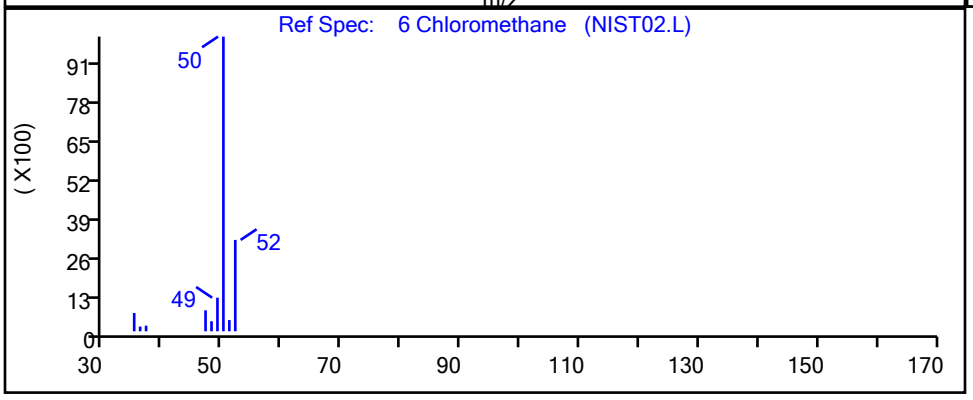
Processing Results











RT	Mass	Response	Amount
1.88	50.00	1114	0.237900
1.88	52.00	347	

Reviewer: FK2C, 19-Apr-2025 09:10:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

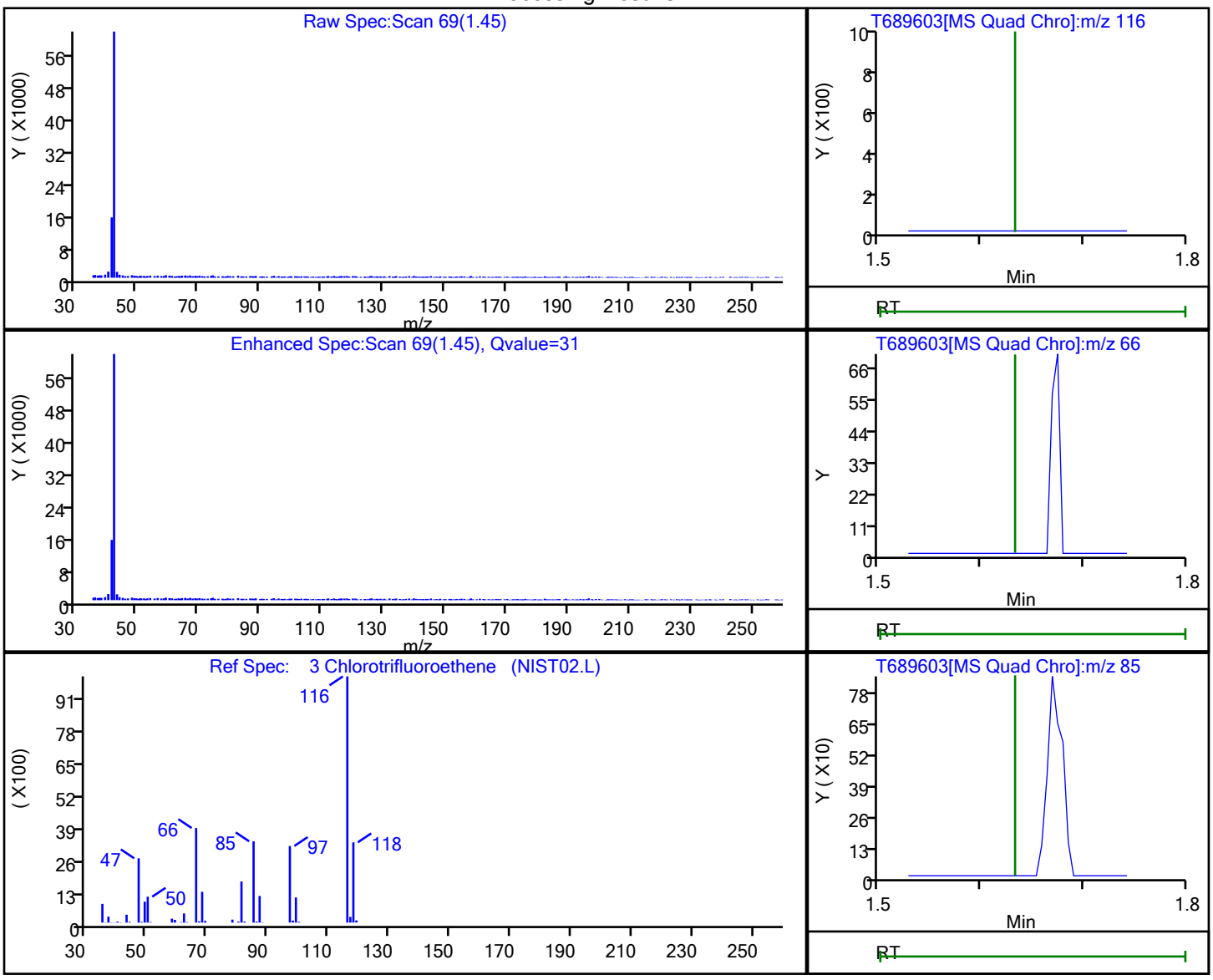
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.45	116.00	611	0.688513
1.45	66.00	554	
1.45	85.00	477	
1.46	118.00	465	

Reviewer: FK2C, 19-Apr-2025 09:10:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

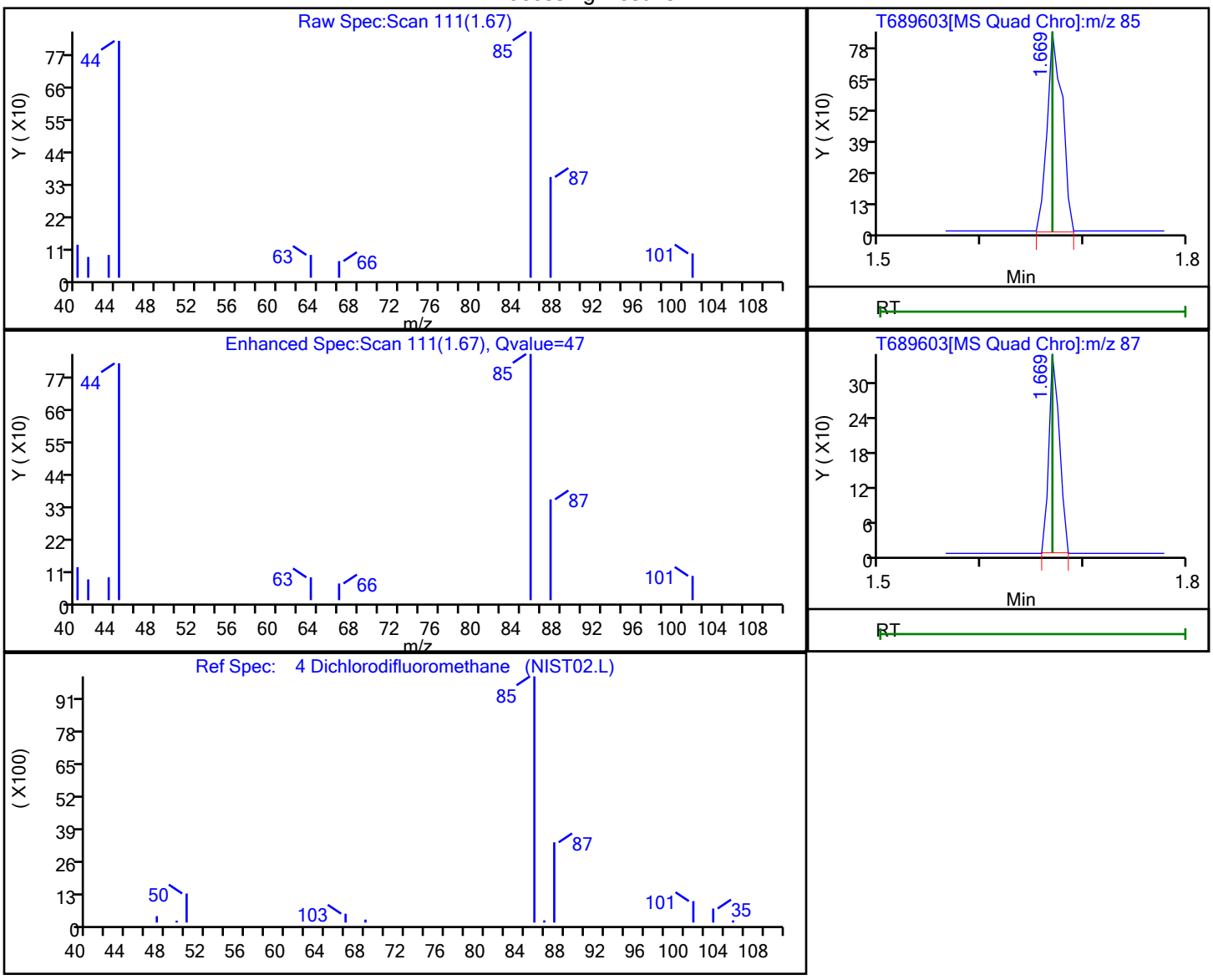
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.67	85.00	863	0.166506
1.67	87.00	249	

Reviewer: FK2C, 19-Apr-2025 09:10:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

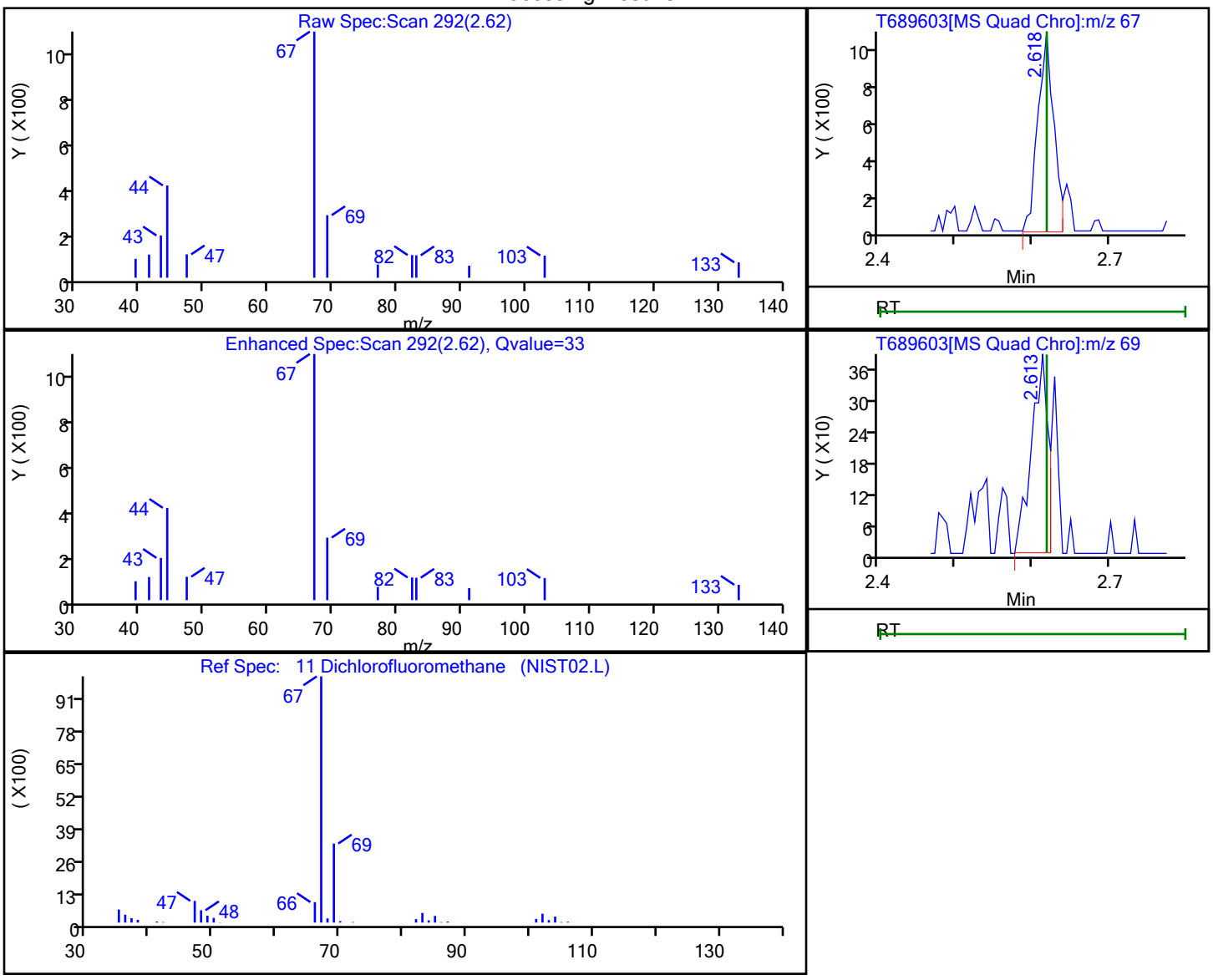
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.62	67.00	1512	0.200945
2.61	69.00	591	

Reviewer: FK2C, 19-Apr-2025 09:10:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

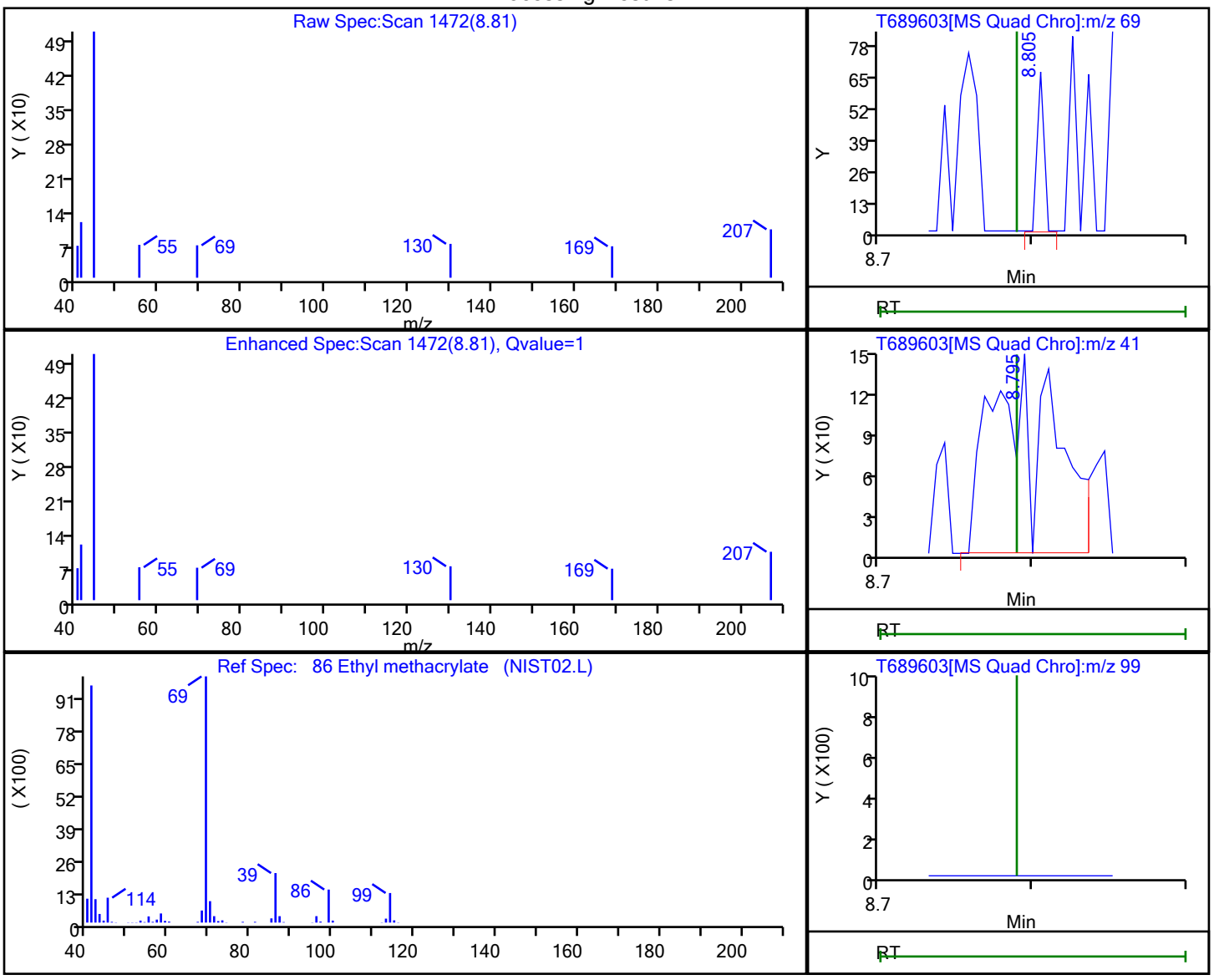
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
8.81	69.00	21	0.004721
8.79	41.00	413	
8.79	99.00	0	

Reviewer: FK2C, 19-Apr-2025 09:11:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

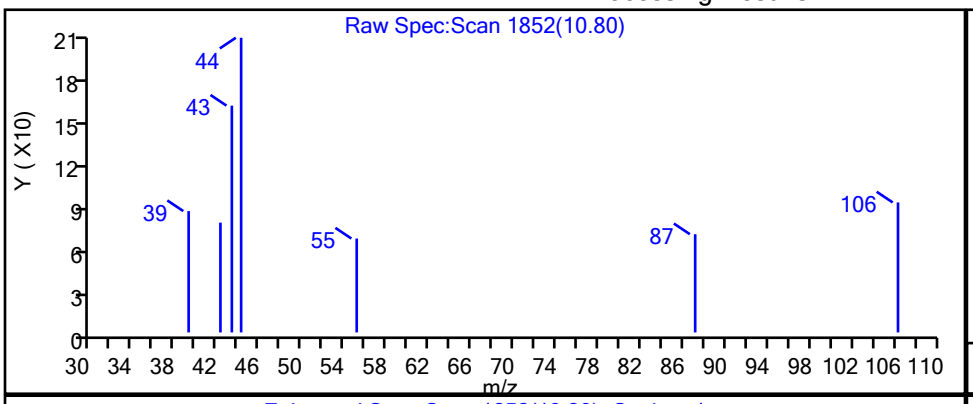
User Disabled Compound Report

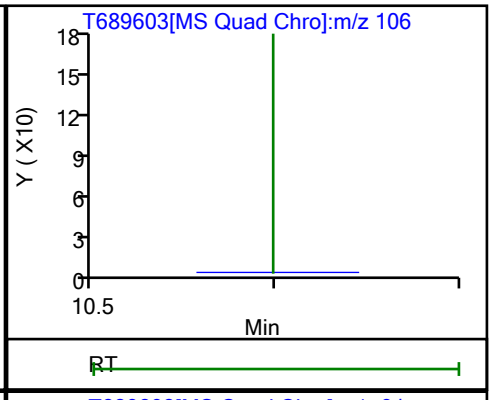
Eurofins Edison

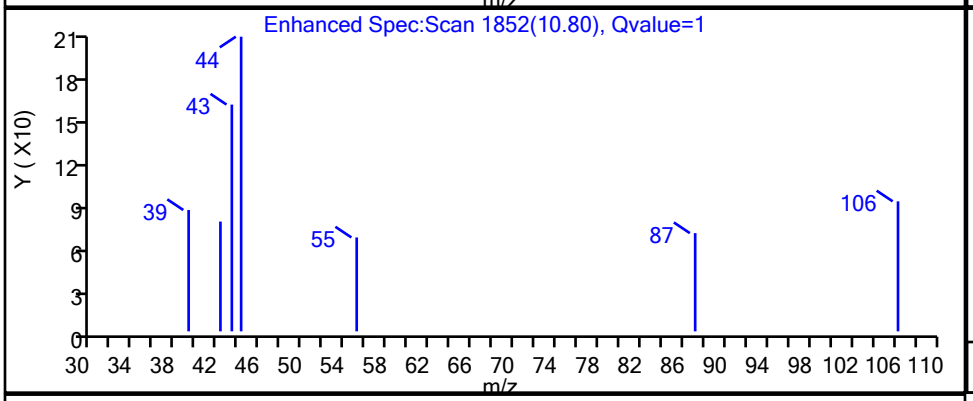
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

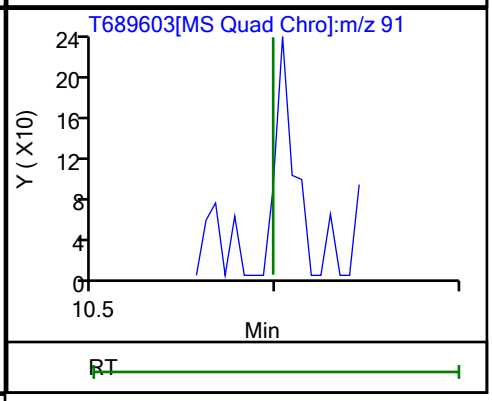
97 Ethylbenzene, CAS: 100-41-4

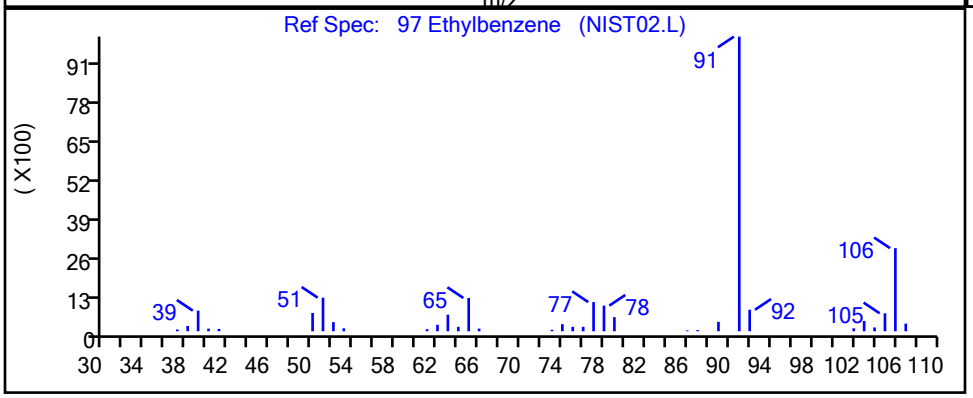
Processing Results











RT	Mass	Response	Amount
10.80	106.00	56	0.009319
10.80	91.00	44	

Reviewer: FK2C, 19-Apr-2025 09:11:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

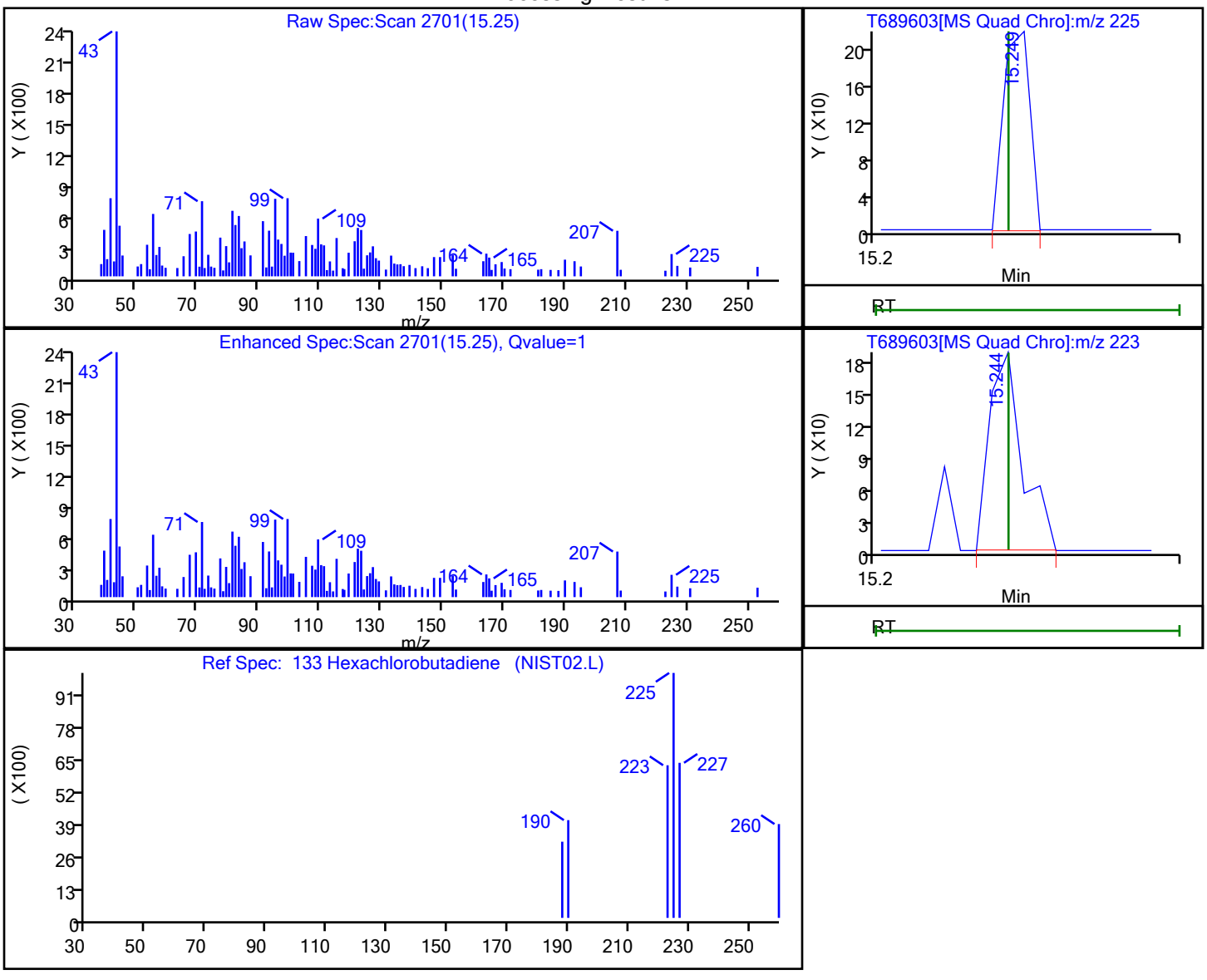
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

133 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
15.25	225.00	130	0.050449
15.24	223.00	142	

Reviewer: FK2C, 19-Apr-2025 09:11:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

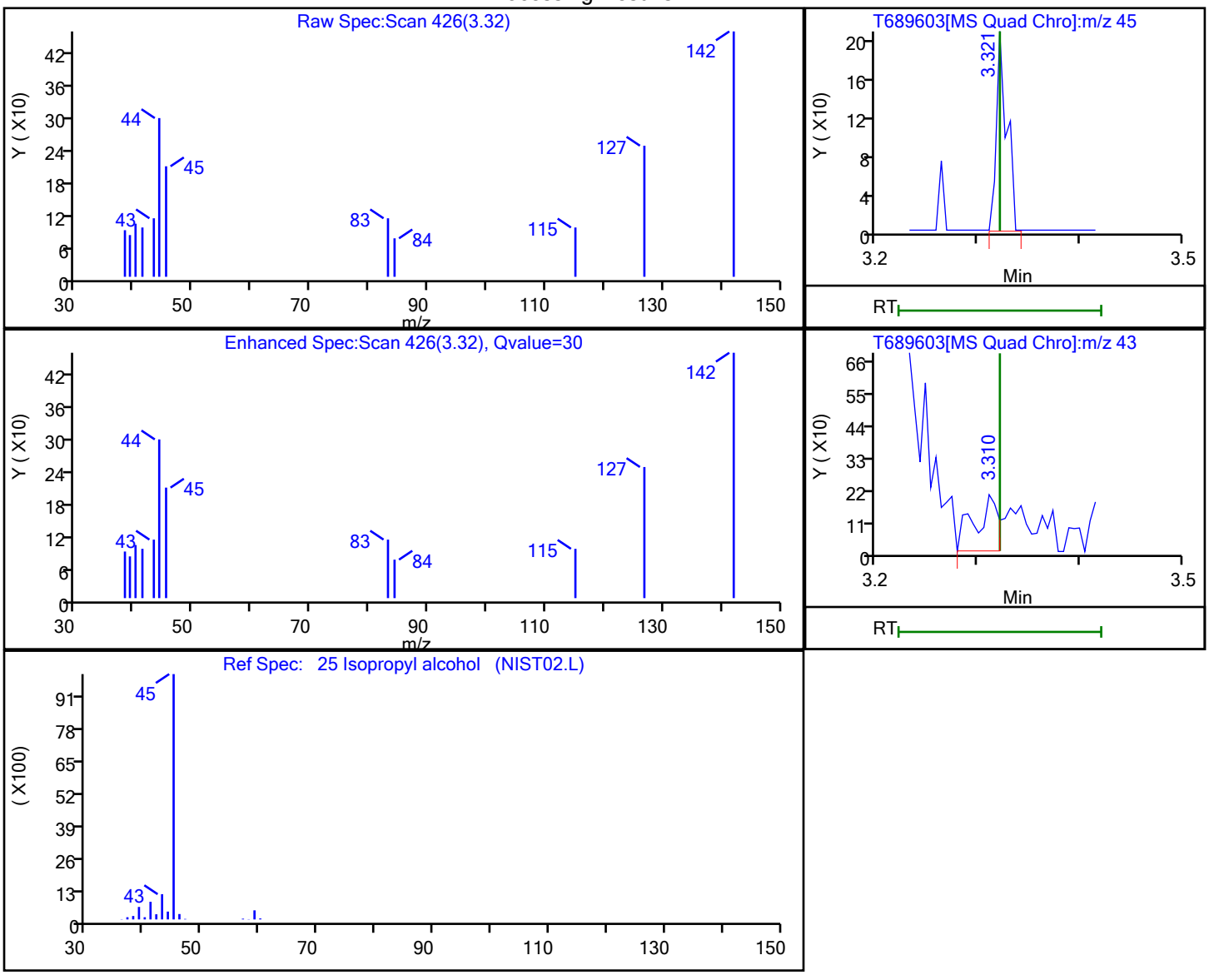
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
3.32	45.00	145	0.832369
3.31	43.00	304	

Reviewer: FK2C, 19-Apr-2025 09:10:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

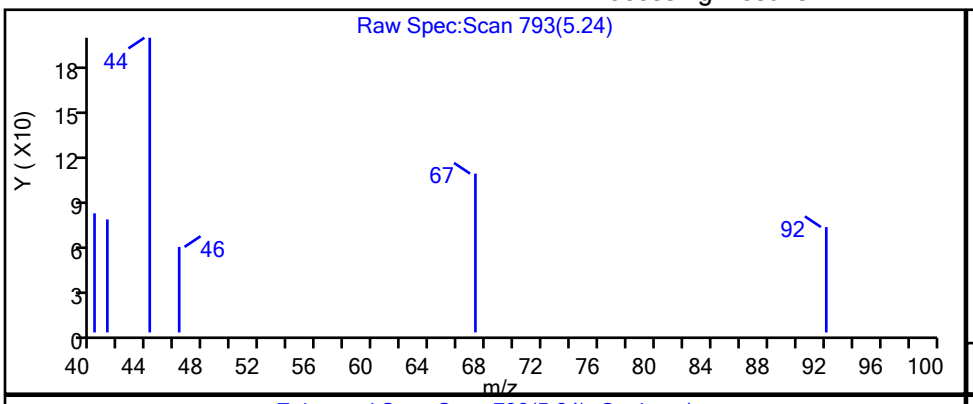
User Disabled Compound Report

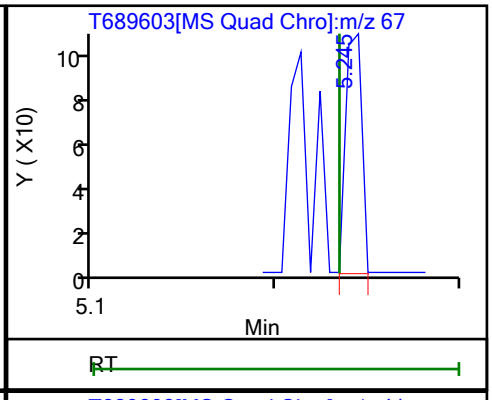
Eurofins Edison

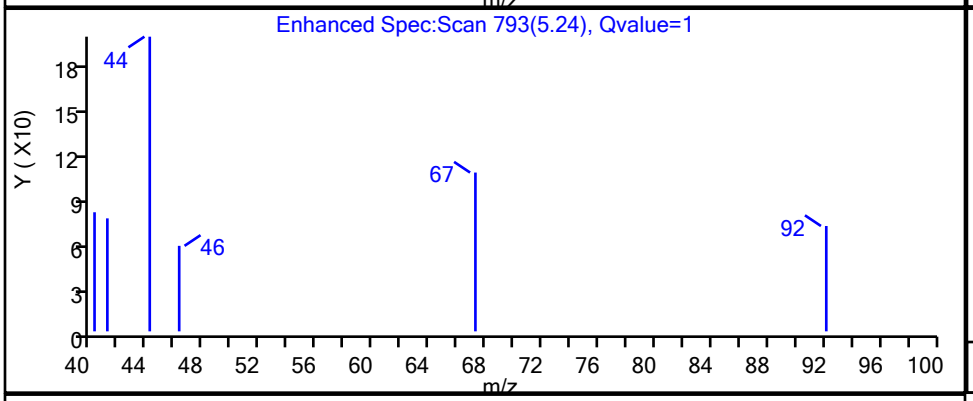
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

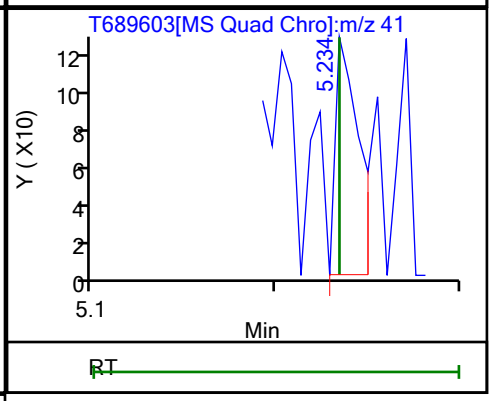
50 Methacrylonitrile, CAS: 126-98-7

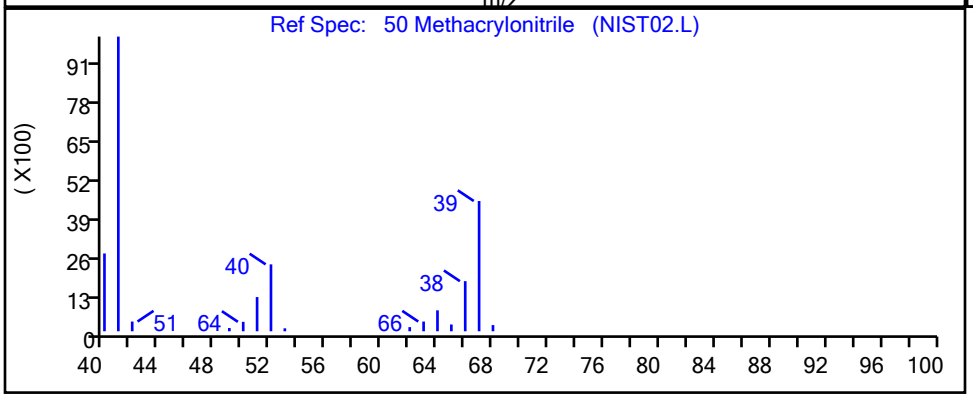
Processing Results











RT	Mass	Response	Amount
5.24	67.00	64	0.045686
5.23	41.00	113	

Reviewer: FK2C, 19-Apr-2025 09:10:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

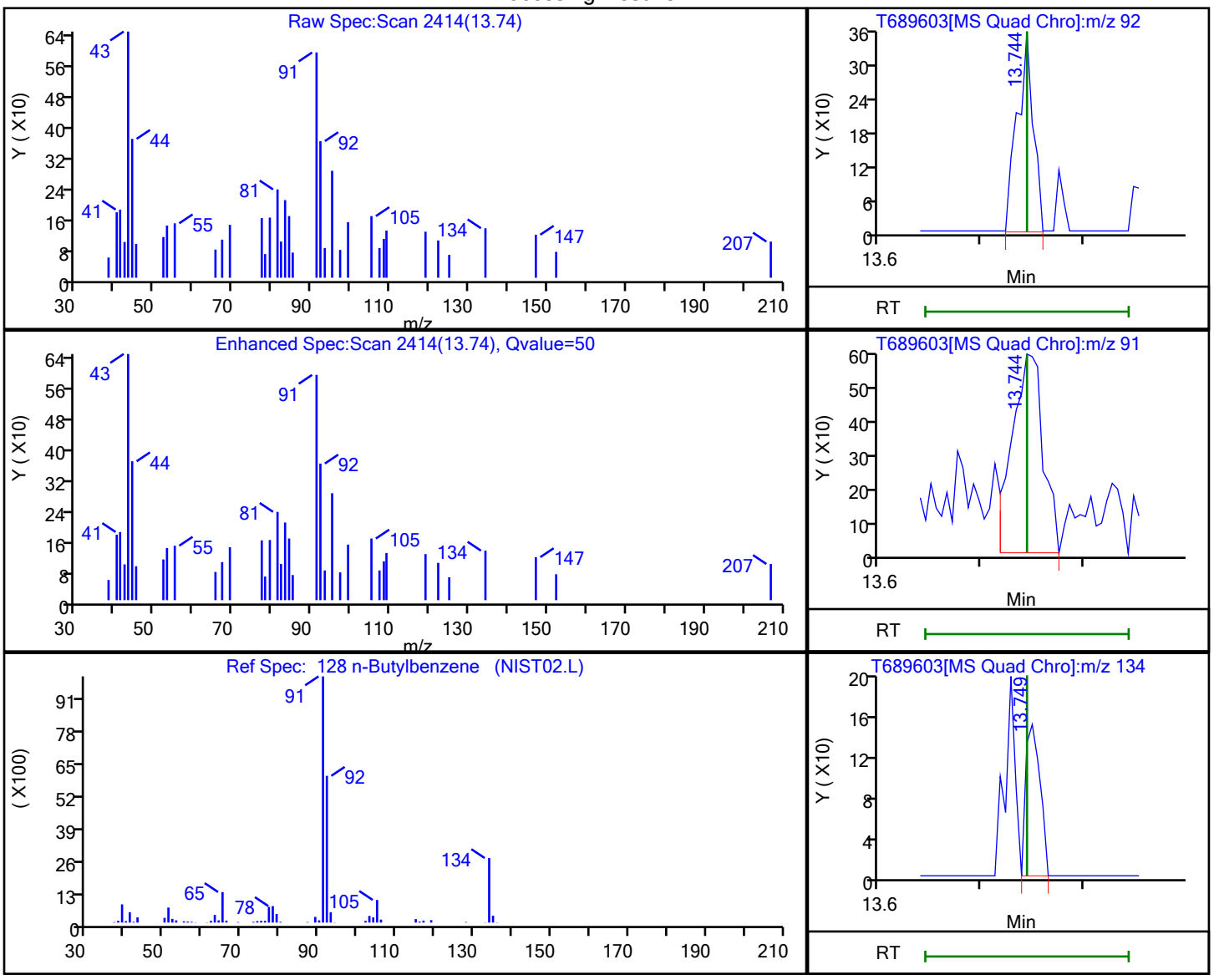
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
13.74	92.00	390	0.048226
13.74	91.00	1256	
13.75	134.00	145	

Reviewer: FK2C, 19-Apr-2025 09:11:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

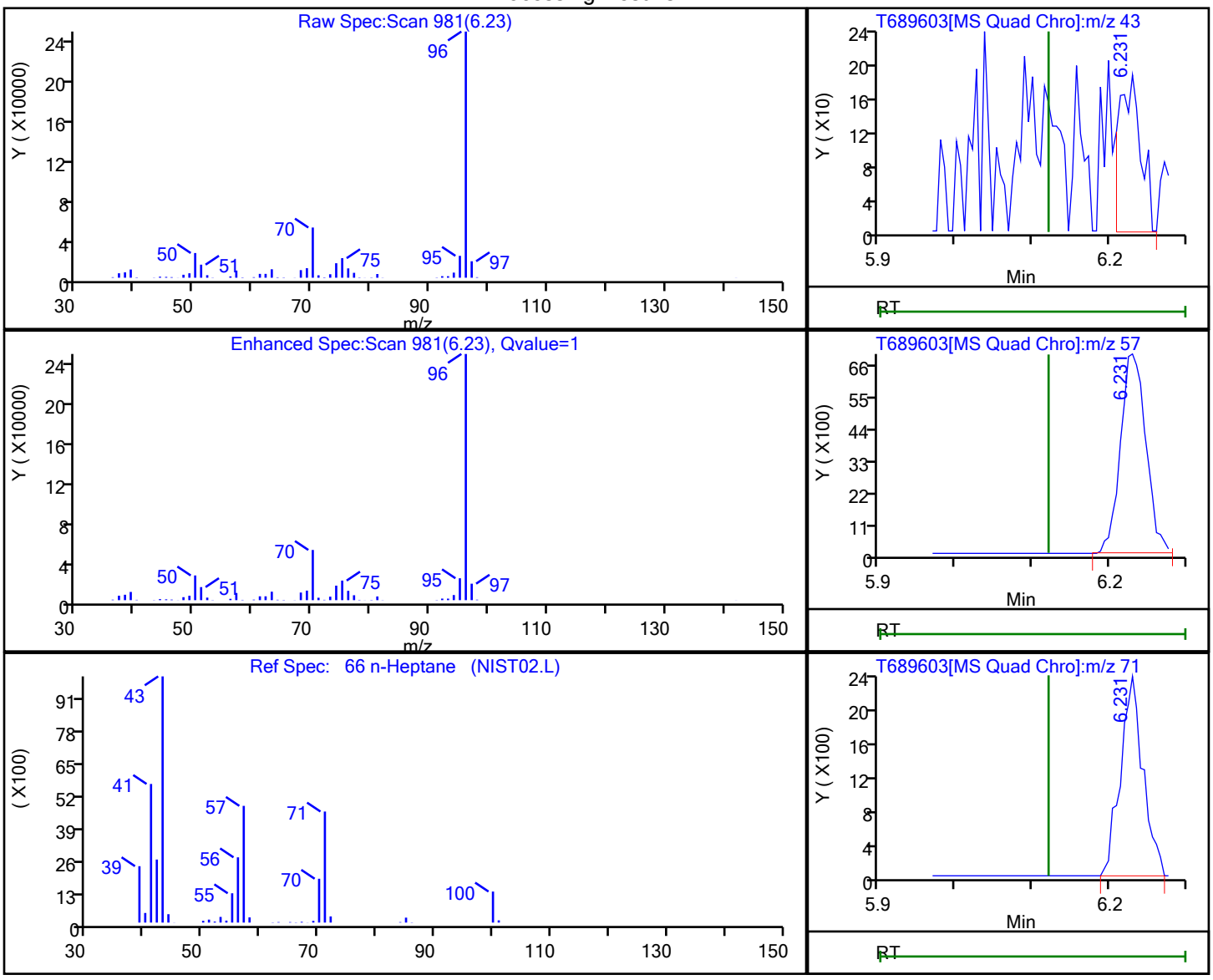
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
6.23	43.00	359	0.101362
6.23	57.00	16295	
6.23	71.00	4839	

Reviewer: FK2C, 19-Apr-2025 09:10:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

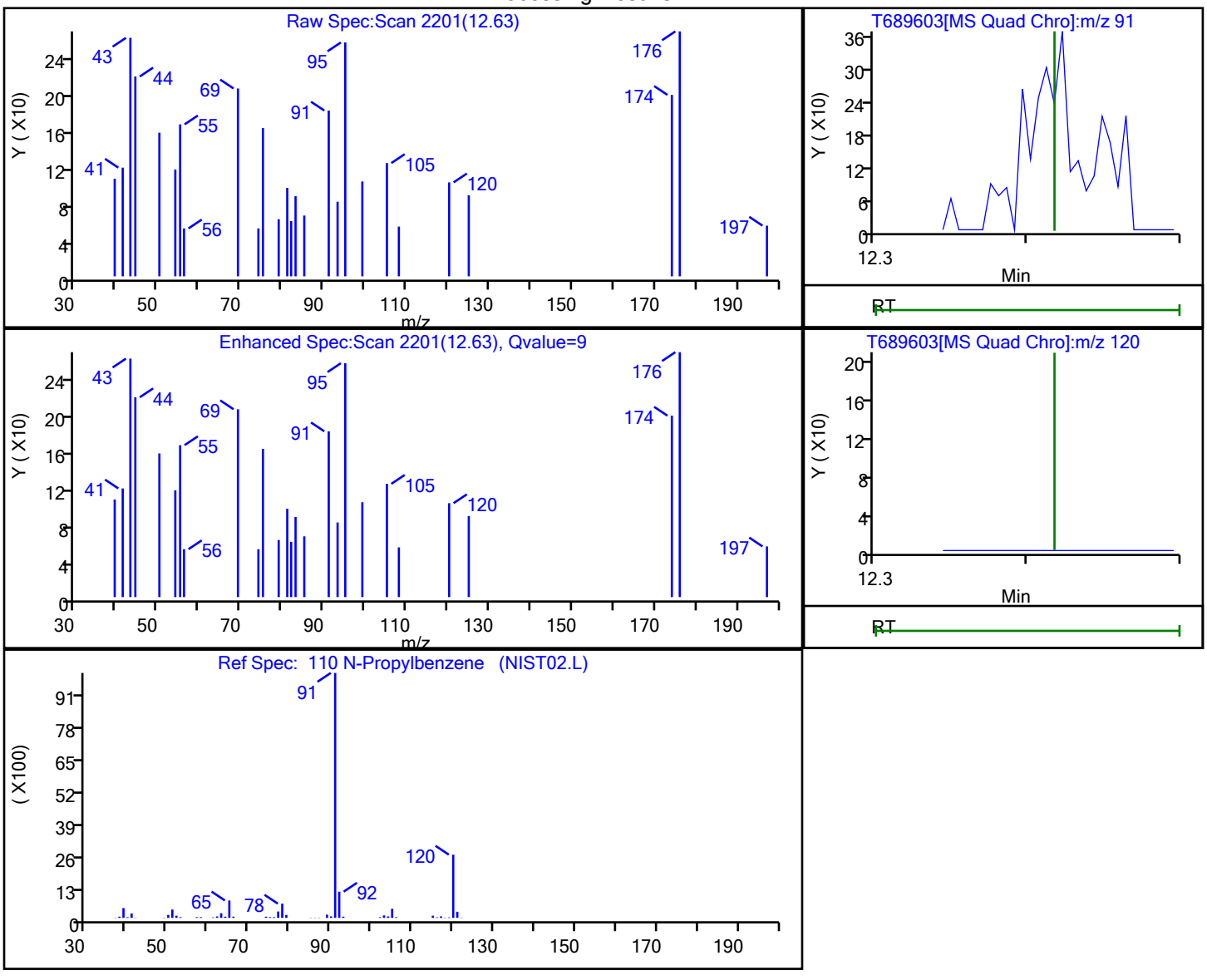
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
12.63	91.00	156	0.007067
12.63	120.00	81	

Reviewer: FK2C, 19-Apr-2025 09:11:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

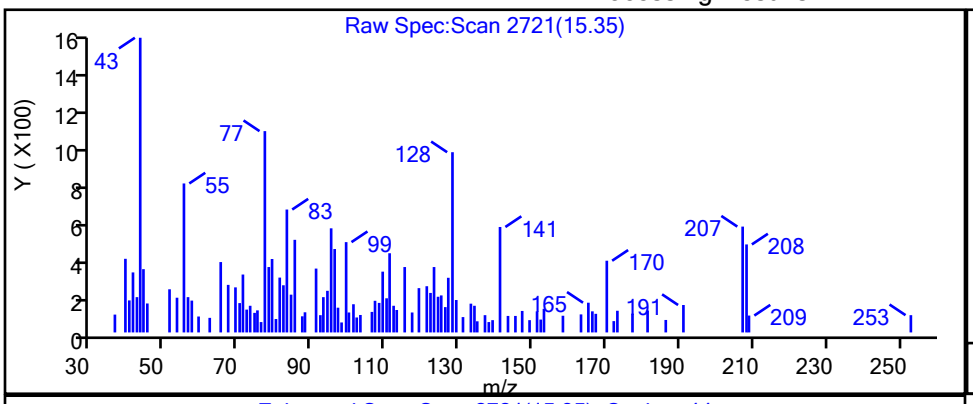
User Disabled Compound Report

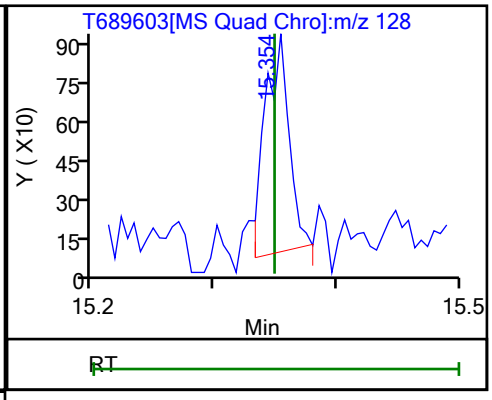
Eurofins Edison

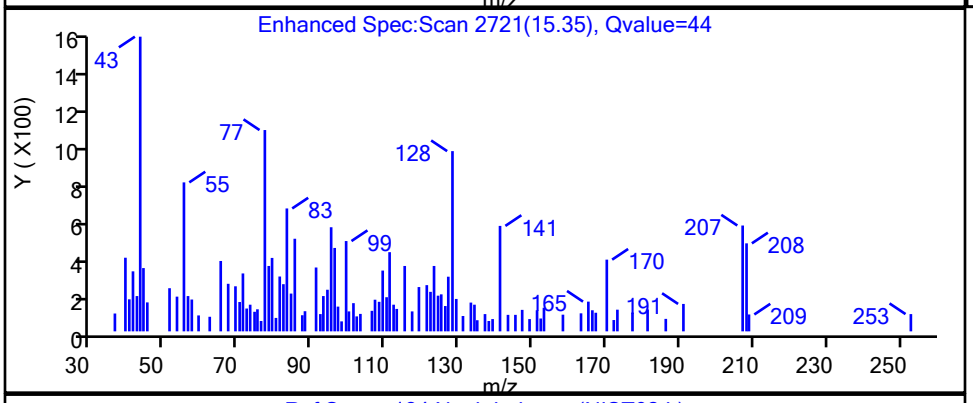
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

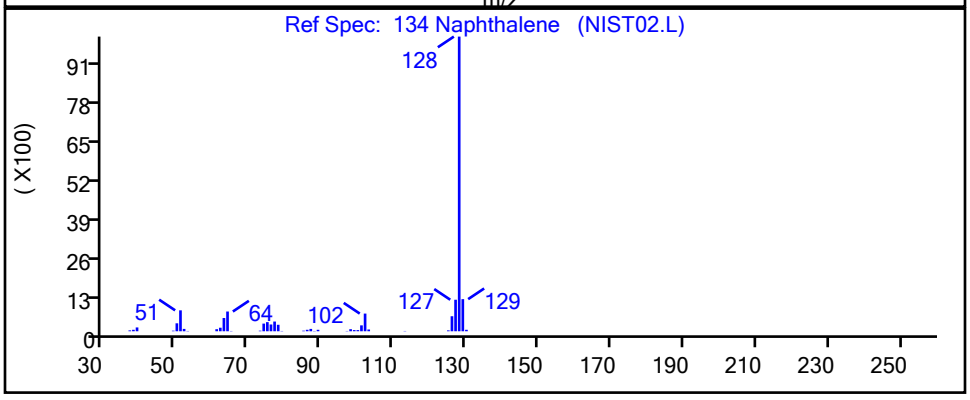
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
15.35	128.00	1189	0.102154

Reviewer: FK2C, 19-Apr-2025 09:11:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

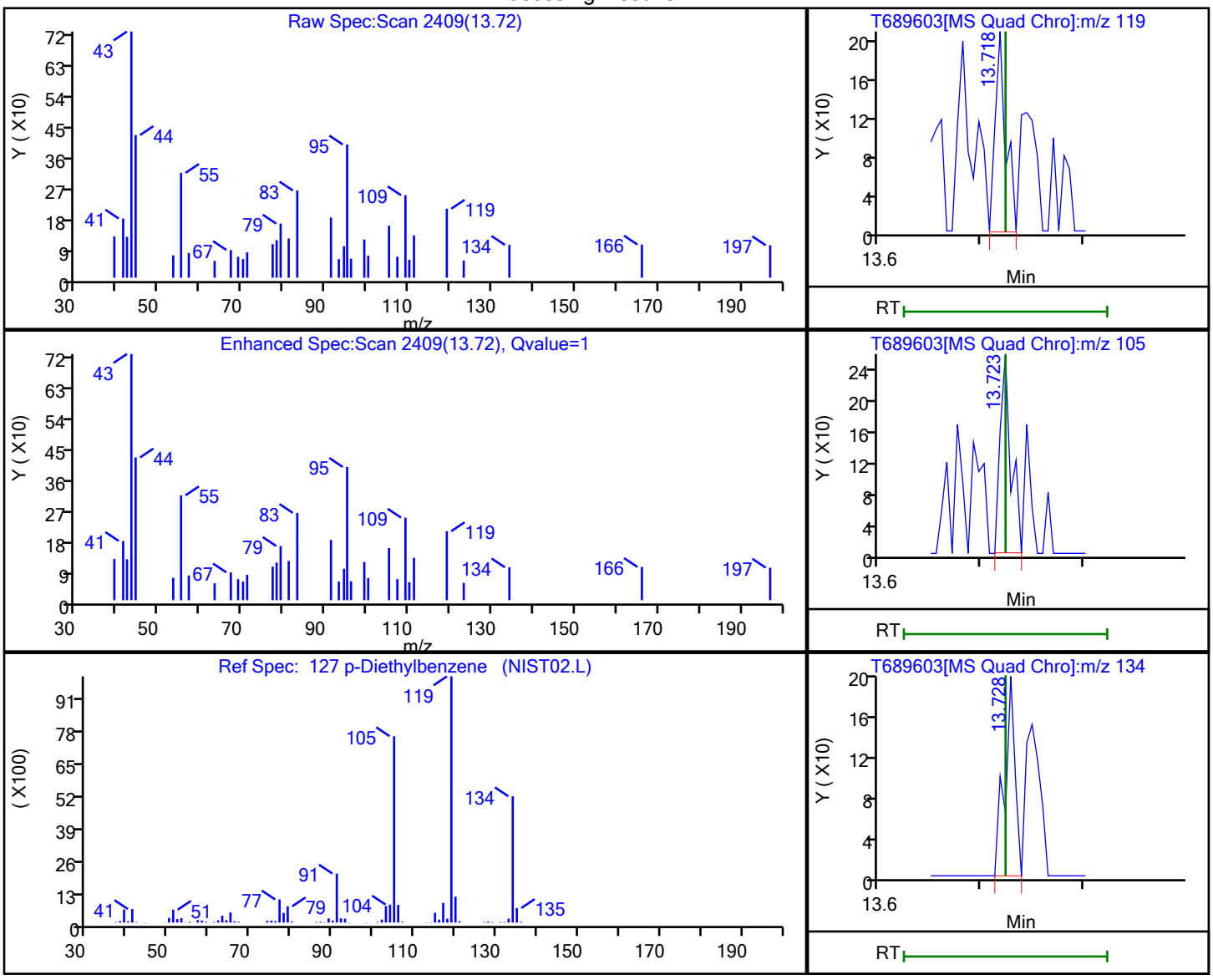
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
13.72	119.00	147	0.016418
13.72	105.00	188	
13.73	134.00	138	

Reviewer: FK2C, 19-Apr-2025 09:11:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

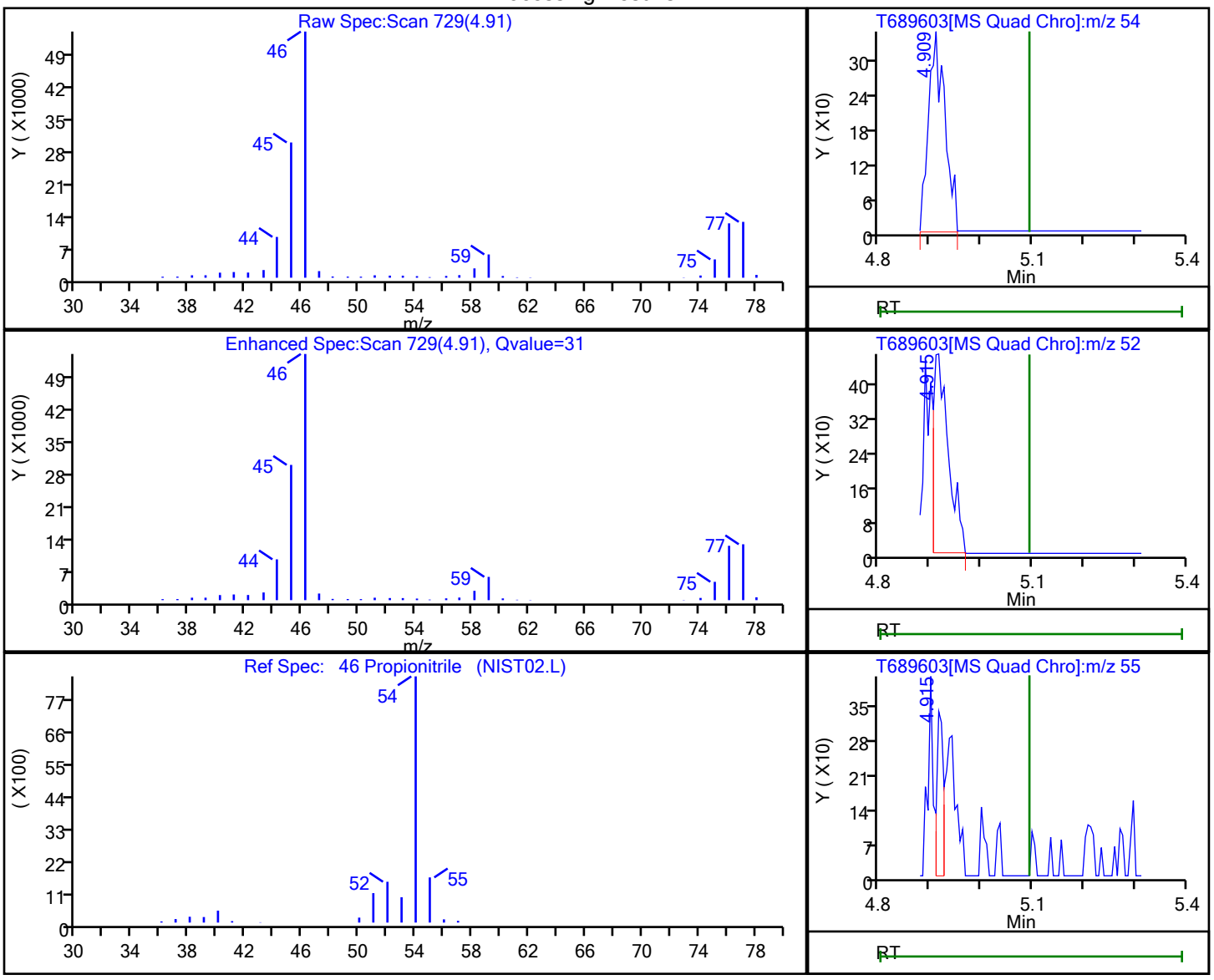
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.91	54.00	771	1.760889
4.91	52.00	952	
4.91	55.00	298	

Reviewer: FK2C, 19-Apr-2025 09:10:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

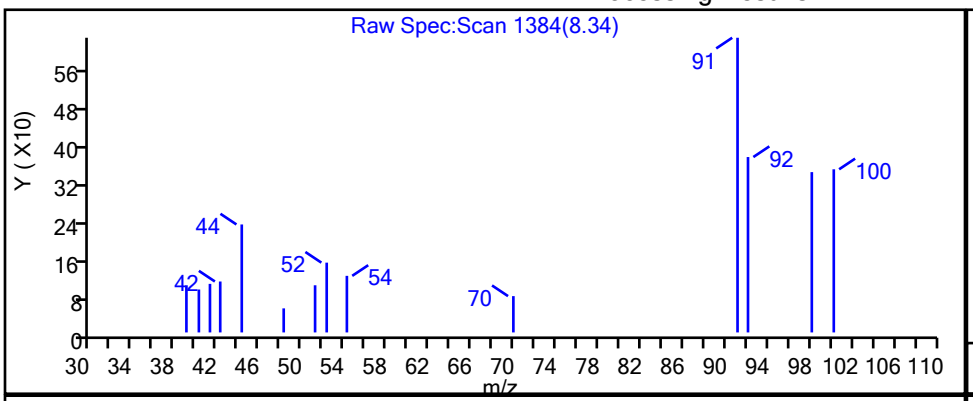
User Disabled Compound Report

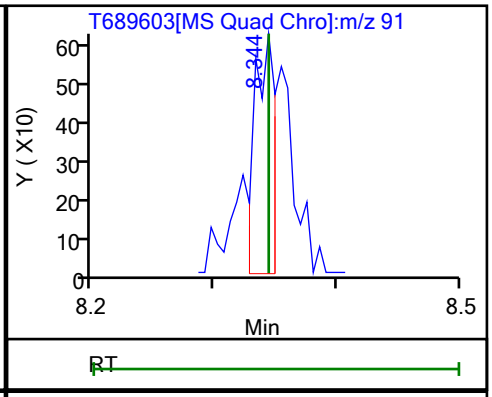
Eurofins Edison

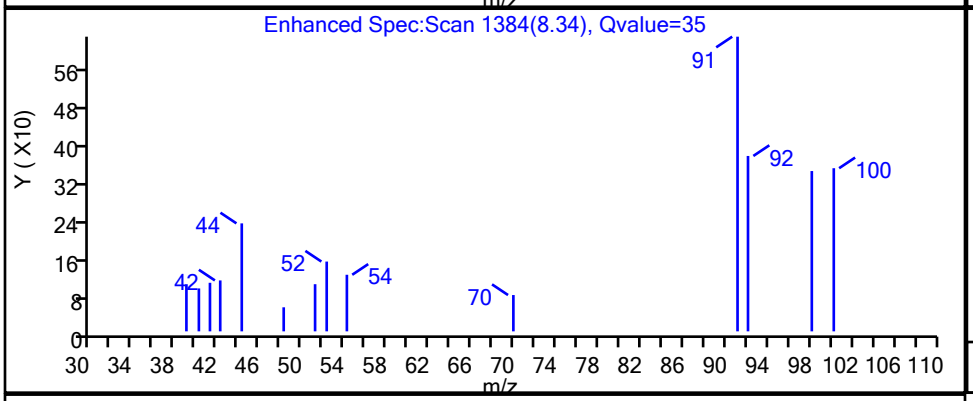
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

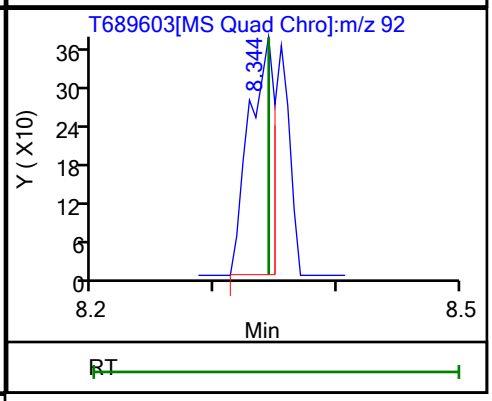
84 Toluene, CAS: 108-88-3

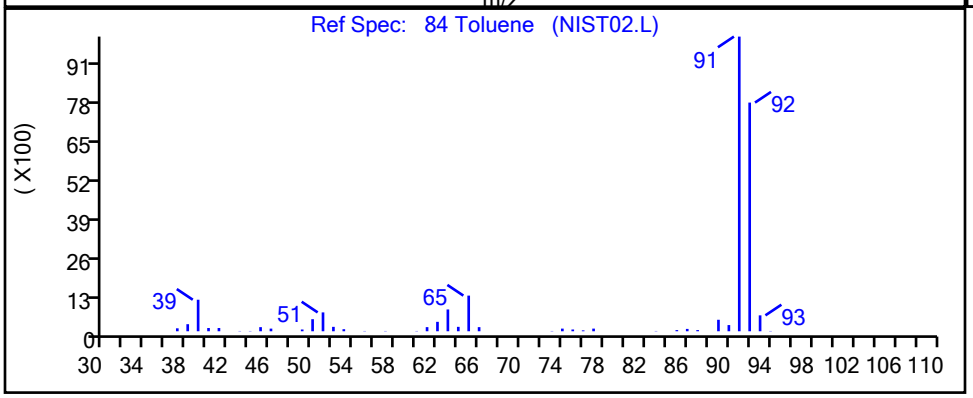
Processing Results











RT	Mass	Response	Amount
8.34	91.00	719	0.040234
8.34	92.00	536	

Reviewer: FK2C, 19-Apr-2025 09:11:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

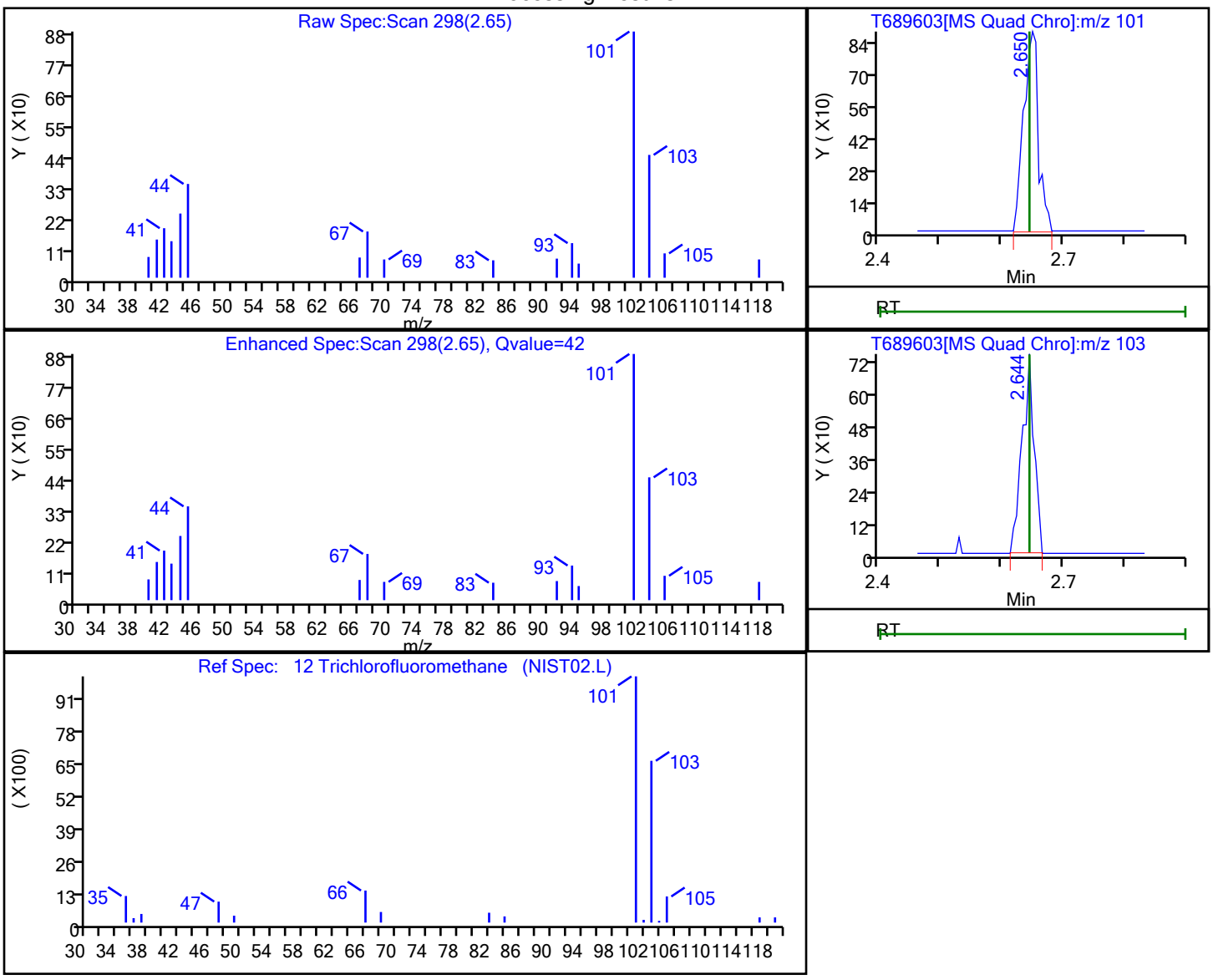
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.65	101.00	1492	0.210109
2.64	103.00	1021	

Reviewer: FK2C, 19-Apr-2025 09:10:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

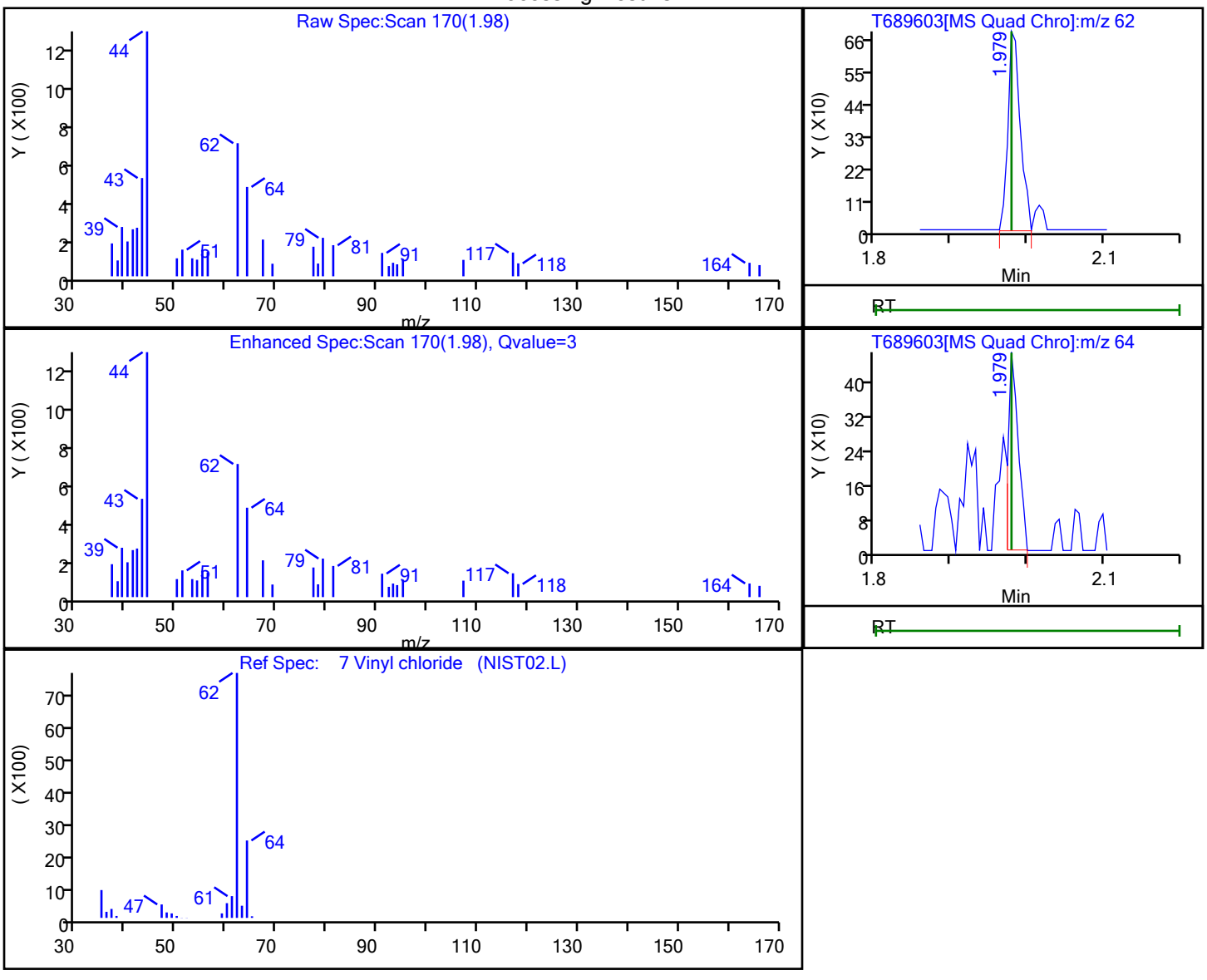
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689603.D
Injection Date: 19-Apr-2025 05:06:23 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.98	62.00	776	0.201562
1.98	64.00	420	

Reviewer: FK2C, 19-Apr-2025 09:10:18 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Apr-2025 05:29:14 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0189481-005
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:08:38 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 09:09:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.643	1.633	0.010	13	411	0.5000	0.5389	
2 1,1-Difluoroethane	65	1.653	1.648	0.005	69	917	0.5000	0.8036	
4 Dichlorodifluoromethane	85	1.674	1.669	0.005	67	2606	0.5000	0.5143	
5 Chlorodifluoromethane	67	1.701	1.695	0.006	74	553	0.5000	0.5387	
6 Chloromethane	50	1.879	1.874	0.005	74	2361	0.5000	0.5762	
7 Vinyl chloride	62	1.984	1.979	0.005	84	2200	0.5000	0.6167	
8 Butadiene	54	2.015	2.015	0.000	91	2293	0.5000	0.6559	
9 Bromomethane	94	2.325	2.319	0.006	83	2067	0.5000	0.5427	
10 Chloroethane	64	2.424	2.424	0.000	60	1288	0.5000	0.5870	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	66	3886	0.5000	0.5545	
12 Trichlorofluoromethane	101	2.655	2.644	0.011	65	3730	0.5000	0.5438	
13 Pentane	72	2.702	2.702	0.000	90	599	1.00	0.9689	
14 Ethanol	46	2.828	2.838	-0.010	78	113	20.0	12.6	
15 Ethyl ether	59	2.917	2.917	0.000	90	2006	0.5000	0.7241	
17 2-Methyl-1,3-butadiene	53	2.954	2.938	0.016	67	1625	0.5000	0.5804	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.959	2.954	0.005	67	1838	0.5000	0.6056	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.022	3.011	0.011	76	2730	0.5000	0.6258	
19 Acrolein	56	3.095	3.090	0.005	64	1156	2.00	2.53	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.122	3.116	0.006	74	1712	0.5000	0.5040	
20 1,1-Dichloroethene	96	3.158	3.153	0.005	65	1975	0.5000	0.6070	
22 Acetone	43	3.232	3.226	0.006	76	3651	2.50	3.76	
25 Isopropyl alcohol	45	3.321	3.321	0.000	41	1011	5.00	6.30	
23 Iodomethane	142	3.326	3.326	0.000	53	1201	0.5000	0.2731	Ma
24 Carbon disulfide	76	3.384	3.379	0.006	90	6378	0.5000	0.6282	
28 Methyl acetate	43	3.531	3.520	0.010	94	2647	1.00	1.32	
27 3-Chloro-1-propene	76	3.520	3.525	-0.005	81	1088	0.5000	0.6072	
26 Acetonitrile	41	3.562	3.546	0.016	55	2927	5.00	6.03	
29 Cyclopentene	67	3.562	3.562	0.000	81	5675	0.5000	0.6349	
* 31 TBA-d9 (IS)	66	3.620	3.620	0.000	95	43861	1000.0	1000.0	
30 Methylene Chloride	84	3.662	3.662	0.000	36	2087	0.5000	0.6015	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.709	3.709	0.000	65	2001	5.00	6.70	
35 Methyl tert-butyl ether	73	3.866	3.856	0.010	79	5276	0.5000	0.5144	
34 trans-1,2-Dichloroethene	96	3.898	3.892	0.006	41	1949	0.5000	0.5359	
33 Acrylonitrile	53	3.934	3.940	-0.006	89	6063	5.00	6.23	
36 Hexane	57	4.102	4.097	0.005	79	1976	0.5000	0.5040	
40 Isopropyl ether	45	4.327	4.328	-0.001	84	4943	0.5000	0.5635	
37 1,1-Dichloroethane	63	4.348	4.343	0.005	69	3746	0.5000	0.5899	
38 Vinyl acetate	86	4.369	4.364	0.005	95	848	1.00	1.22	
39 2-Chloro-1,3-butadiene	88	4.411	4.417	-0.006	54	1994	0.5000	0.6258	
41 Tert-butyl ethyl ether	59	4.710	4.700	0.010	82	5574	0.5000	0.5507	
* 42 2-Butanone-d5	46	4.899	4.899	0.000	35	98275	250.0	250.0	
44 2,2-Dichloropropane	97	4.946	4.941	0.005	39	817	0.5000	0.6191	Ma
43 cis-1,2-Dichloroethene	96	4.957	4.962	-0.005	20	2434	0.5000	0.6071	
45 2-Butanone (MEK)	72	4.967	4.962	0.005	94	5405	2.50	9.90	
47 Ethyl acetate	70	4.993	4.983	0.010	80	424	1.00	1.16	
48 Methyl acrylate	55	5.046	5.041	0.005	51	1451	0.5000	0.5411	
46 Propionitrile	54	5.098	5.093	0.005	87	2280	5.00	5.82	
49 Chlorobromomethane	128	5.224	5.224	0.000	39	1082	0.5000	0.5918	
50 Methacrylonitrile	67	5.235	5.235	0.000	93	6965	5.00	5.56	
51 Tetrahydrofuran	72	5.245	5.245	0.000	26	459	1.00	1.09	
52 Chloroform	83	5.287	5.282	0.005	83	4569	0.5000	0.6228	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.471	0.000	96	153113	50.0	51.0	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	13	4097	0.5000	0.5679	
55 Cyclohexane	84	5.481	5.491	-0.010	16	2819	0.5000	0.5419	
56 Carbon tetrachloride	117	5.633	5.633	0.000	83	3519	0.5000	0.5741	
57 1,1-Dichloropropene	75	5.659	5.665	-0.005	70	3192	0.5000	0.5839	
59 Isobutyl alcohol	43	5.759	5.764	-0.005	40	2082	12.5	20.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.890	5.885	0.005	94	191193	50.0	49.7	
60 Benzene	78	5.895	5.895	0.000	46	8939	0.5000	0.6374	
62 Isooctane	57	5.890	5.900	-0.010	23	3540	0.5000	0.4841	
63 Isopropyl acetate	61	5.948	5.963	-0.015	95	1025	0.5000	0.6195	M
61 1,2-Dichloroethane	62	5.979	5.979	0.000	61	3744	0.5000	0.5996	
64 Tert-amyl methyl ether	73	5.990	5.979	0.011	83	5318	0.5000	0.5465	
66 n-Heptane	43	6.115	6.121	-0.006	73	1851	0.5000	0.5908	a
* 65 Fluorobenzene	96	6.231	6.231	0.000	98	519546	50.0	50.0	
68 n-Butanol	56	6.551	6.556	-0.005	43	1092	12.5	15.3	
67 Trichloroethene	95	6.671	6.666	0.005	64	2604	0.5000	0.6136	
69 Ethyl acrylate	55	6.792	6.787	0.005	23	2347	0.5000	0.6264	
70 Methylcyclohexane	83	6.839	6.834	0.005	71	2956	0.5000	0.5426	
71 1,2-Dichloropropane	63	6.980	6.986	-0.006	61	2151	0.5000	0.6320	
* 73 1,4-Dioxane-d8	96	7.049	7.054	-0.005	1	30297	1000.0	1000.0	
75 Methyl methacrylate	100	7.091	7.085	0.006	75	898	1.00	1.08	
74 1,4-Dioxane	88	7.117	7.112	0.005	55	881	25.0	25.1	
72 Dibromomethane	93	7.143	7.143	0.000	73	1369	0.5000	0.5723	
76 n-Propyl acetate	43	7.159	7.154	0.005	82	2844	0.5000	0.6878	
77 Dichlorobromomethane	83	7.316	7.321	-0.005	77	2897	0.5000	0.5294	
78 2-Nitropropane	41	7.688	7.704	-0.016	55	1334	1.00	1.37	a
80 Epichlorohydrin	57	7.835	7.846	-0.011	47	1922	10.0	10.0	
81 cis-1,3-Dichloropropene	75	7.940	7.935	0.005	54	3331	0.5000	0.5460	
82 4-Methyl-2-pentanone (MIBK)	43	8.123	8.129	-0.006	86	6865	2.50	2.78	
$ 83 Toluene-d8 (Surr)	98	8.249	8.249	0.000	98	514136	50.0	50.4	
84 Toluene	91	8.344	8.344	0.000	82	10249	0.5000	0.6512	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	8.737	8.737	0.000	67	3232	0.5000	0.5779	
86 Ethyl methacrylate	69	8.800	8.789	0.011	46	2388	0.5000	0.5684	
87 1,1,2-Trichloroethane	83	9.004	8.994	0.010	54	1489	0.5000	0.5762	
88 Tetrachloroethene	166	9.099	9.099	0.000	81	2808	0.5000	0.5824	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	57	3342	0.5000	0.6002	
90 2-Hexanone	43	9.335	9.340	-0.005	82	5205	2.50	2.97	
93 n-Butyl acetate	43	9.497	9.487	0.010	82	3165	0.5000	0.8070	
91 Chlorodibromomethane	129	9.529	9.529	0.000	59	1998	0.5000	0.5319	
92 Ethylene Dibromide	107	9.728	9.728	0.000	61	1961	0.5000	0.5844	
* 94 Chlorobenzene-d5	117	10.415	10.415	0.000	85	418024	50.0	50.0	
95 Chlorobenzene	112	10.457	10.457	0.000	53	6173	0.5000	0.5931	
97 Ethylbenzene	106	10.603	10.598	0.005	74	3624	0.5000	0.6301	
96 1,1,1,2-Tetrachloroethane	131	10.593	10.604	-0.011	25	2284	0.5000	0.5679	M
98 m-Xylene & p-Xylene	106	10.792	10.792	0.000	90	4072	0.5000	0.5861	
101 n-Butyl acrylate	73	11.390	11.395	-0.005	62	1365	0.5000	0.5761	
99 o-Xylene	106	11.411	11.411	0.000	90	4211	0.5000	0.6273	
100 Styrene	104	11.448	11.442	0.006	86	5981	0.5000	0.5659	
102 Bromoform	173	11.705	11.705	0.000	54	1295	0.5000	0.5016	
103 Amyl acetate (mixed isomers)	43	11.715	11.715	0.000	64	2209	0.5000	0.4760	
104 Isopropylbenzene	105	11.904	11.904	0.000	85	9941	0.5000	0.6162	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	91	185975	50.0	50.5	
106 Bromobenzene	156	12.307	12.308	-0.001	70	2773	0.5000	0.5800	
107 1,1,2,2-Tetrachloroethane	83	12.349	12.355	-0.006	66	2114	0.5000	0.5603	
108 1,2,3-Trichloropropane	110	12.412	12.412	0.000	41	899	0.5000	0.6103	
110 N-Propylbenzene	91	12.412	12.418	-0.006	95	12125	0.5000	0.5877	
109 trans-1,4-Dichloro-2-butene	53	12.423	12.428	-0.005	21	770	0.5000	0.5932	a
111 2-Chlorotoluene	91	12.528	12.533	-0.005	84	8928	0.5000	0.5894	
112 4-Ethyltoluene	105	12.554	12.554	0.000	89	9780	0.5000	0.5663	
114 1,3,5-Trimethylbenzene	105	12.633	12.633	0.000	86	8558	0.5000	0.5641	
113 4-Chlorotoluene	91	12.664	12.669	-0.005	92	8758	0.5000	0.6060	M
115 Butyl Methacrylate	87	12.748	12.748	0.000	80	2291	0.5000	0.5259	
116 tert-Butylbenzene	119	12.968	12.973	-0.005	86	8109	0.5000	0.6271	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	92	9242	0.5000	0.5974	
118 sec-Butylbenzene	105	13.204	13.204	0.000	91	10297	0.5000	0.5968	
119 1,3-Dichlorobenzene	146	13.335	13.335	0.000	92	5036	0.5000	0.5944	
122 4-Isopropyltoluene	119	13.351	13.351	0.000	85	9256	0.5000	0.6029	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	95	251010	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.435	13.440	-0.005	48	5259	0.5000	0.6038	a
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	91	9712	0.5000	0.6204	
124 Benzyl chloride	91	13.576	13.576	0.000	90	4464	0.5000	0.5448	
125 2,3-Dihydroindene	117	13.650	13.655	-0.005	86	7859	0.5000	0.6074	
127 p-Diethylbenzene	119	13.723	13.723	0.000	85	5744	0.5000	0.6439	
128 n-Butylbenzene	92	13.744	13.744	0.000	92	4098	0.5000	0.5690	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	88	4664	0.5000	0.5991	
130 1,2,4,5-Tetramethylbenzene	119	14.420	14.426	-0.006	90	7672	0.5000	0.5755	
129 1,2-Dibromo-3-Chloropropane	157	14.499	14.504	-0.005	31	398	0.5000	0.4499	
131 1,3,5-Trichlorobenzene	180	14.635	14.641	-0.006	75	3123	0.5000	0.5749	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	76	2840	0.5000	0.6144	
133 Hexachlorobutadiene	225	15.249	15.244	0.005	51	1632	0.5000	0.6507	
134 Naphthalene	128	15.348	15.349	-0.001	95	6253	0.5000	0.5743	
135 1,2,3-Trichlorobenzene	180	15.548	15.548	0.000	62	2208	0.5000	0.5670	
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.14	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		1.00	1.21	
S 140 Total BTEX	1				0		2.50	3.13	
S 139 1,3-Dichloropropene, Total	1				0		1.00	1.12	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00203	Amount Added:	5.00	Units: uL	
GASES Li_00637	Amount Added:	5.00	Units: uL	
14DIOXINTER_00183	Amount Added:	15.00	Units: uL	
524FREONS_00033	Amount Added:	5.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:08:39 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D

Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15

Lims ID: STD05

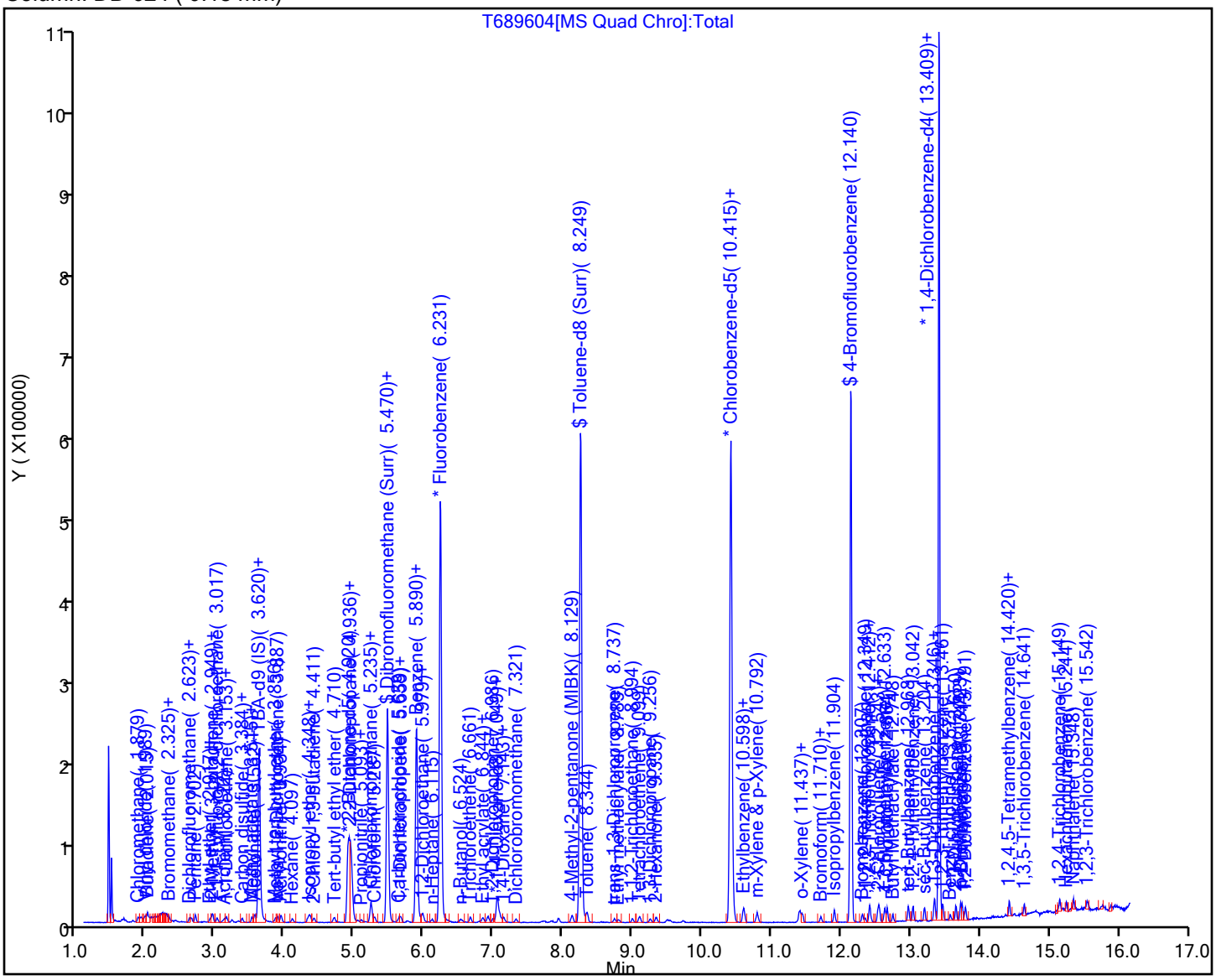
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

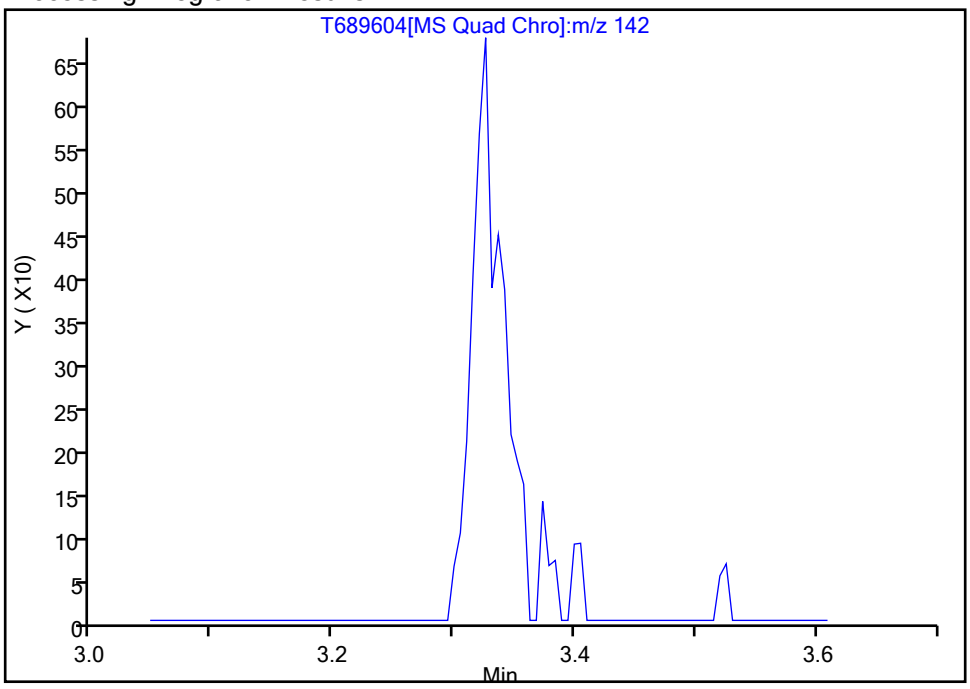
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

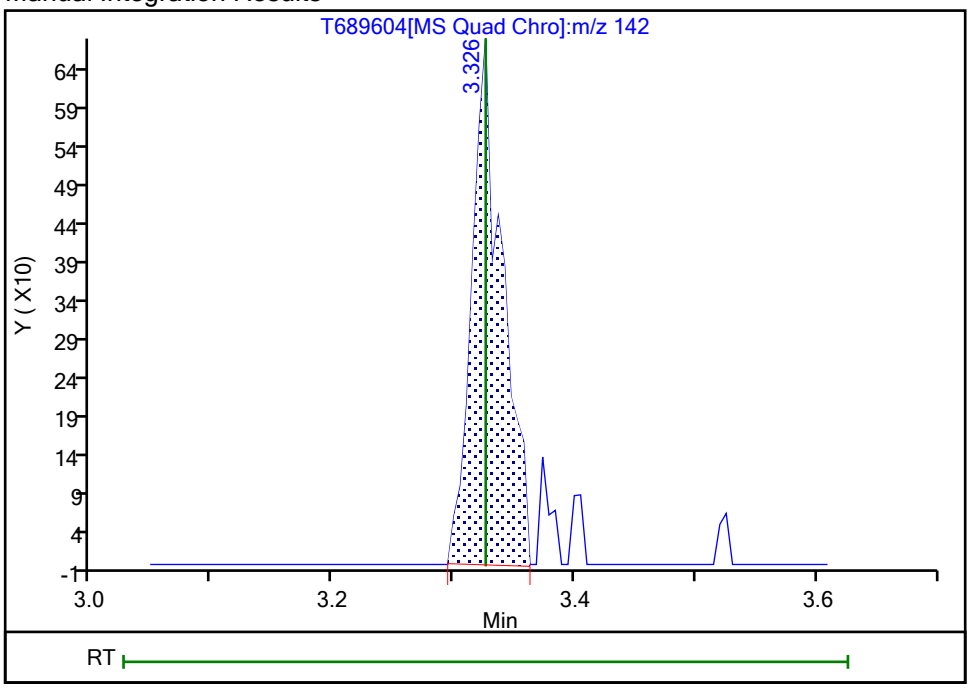
Not Detected
Expected RT: 3.33

Processing Integration Results



Manual Integration Results

RT: 3.33
Area: 1201
Amount: 0.273063
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:37:02 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

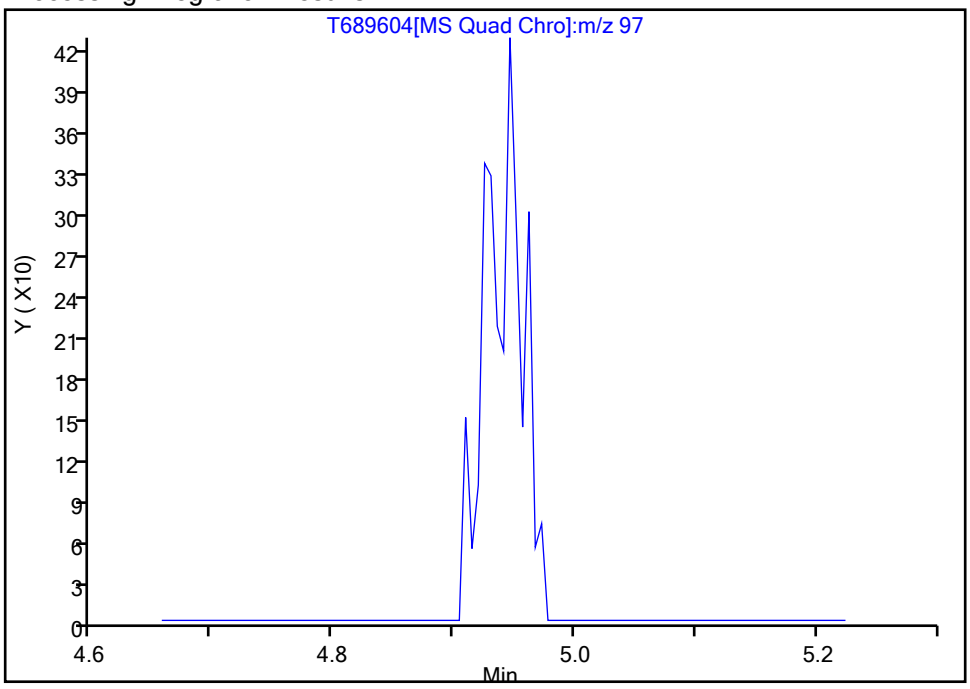
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

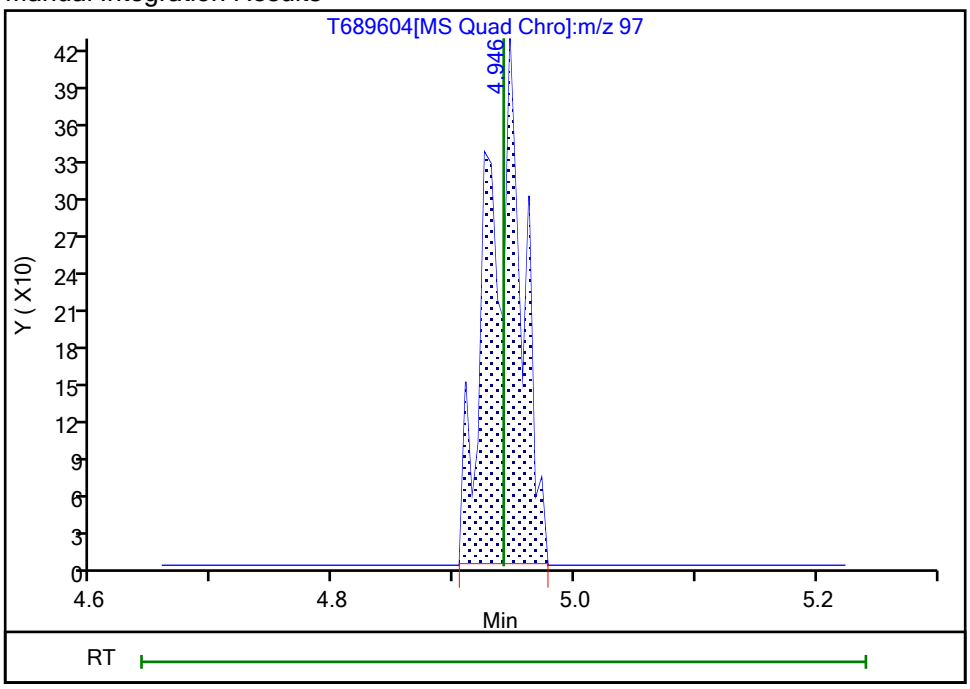
Not Detected
Expected RT: 4.94

Processing Integration Results



Manual Integration Results

RT: 4.95
Area: 817
Amount: 0.619113
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:37:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

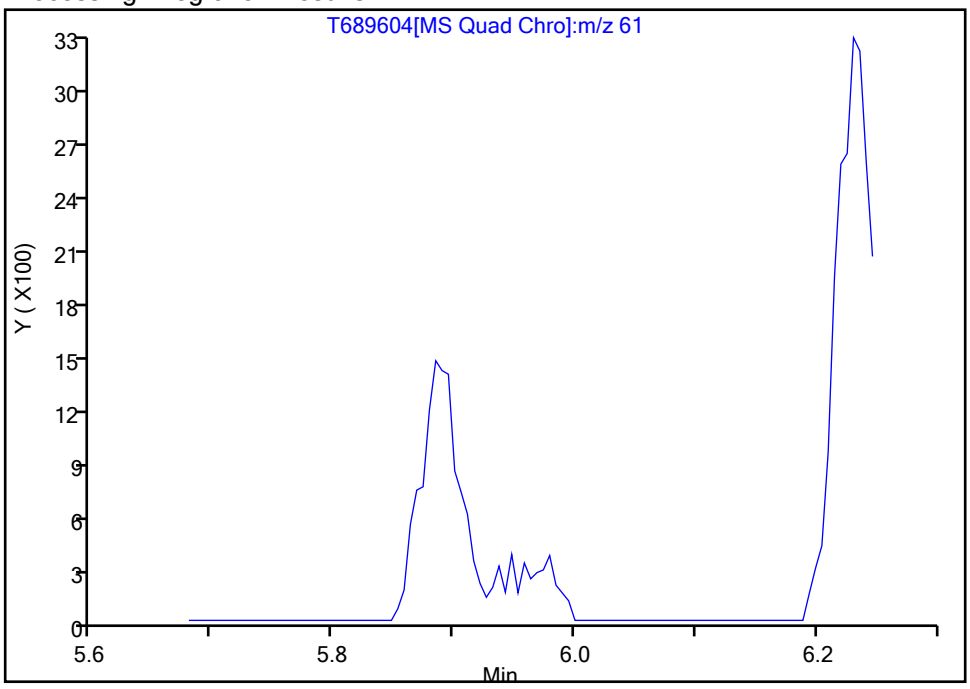
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

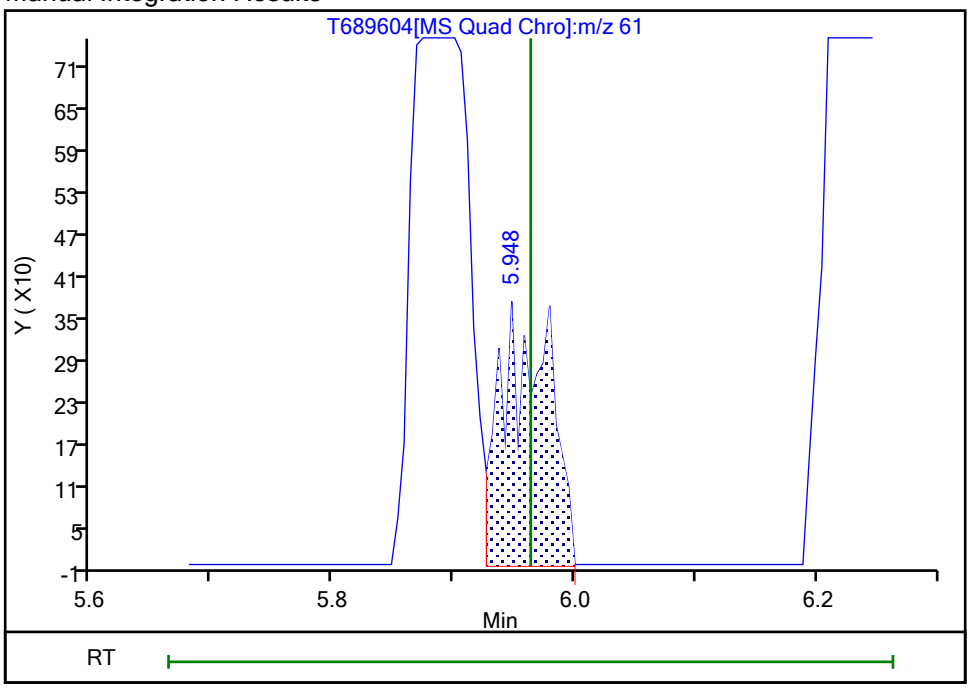
Not Detected
Expected RT: 5.96

Processing Integration Results



Manual Integration Results

RT: 5.95
Area: 1025
Amount: 0.619483
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:13:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

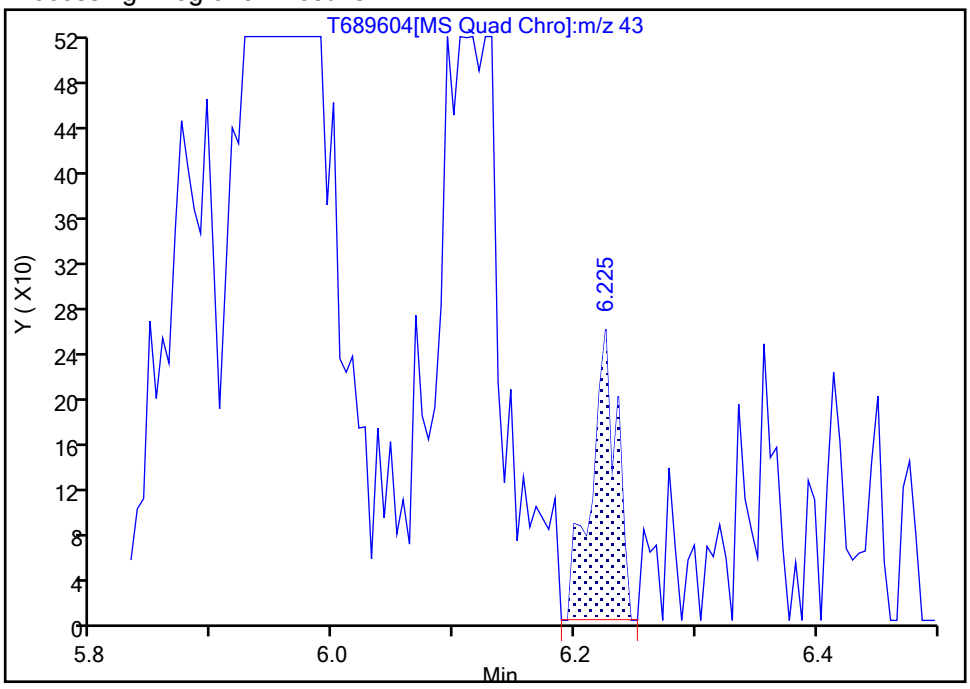
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Signal: 1

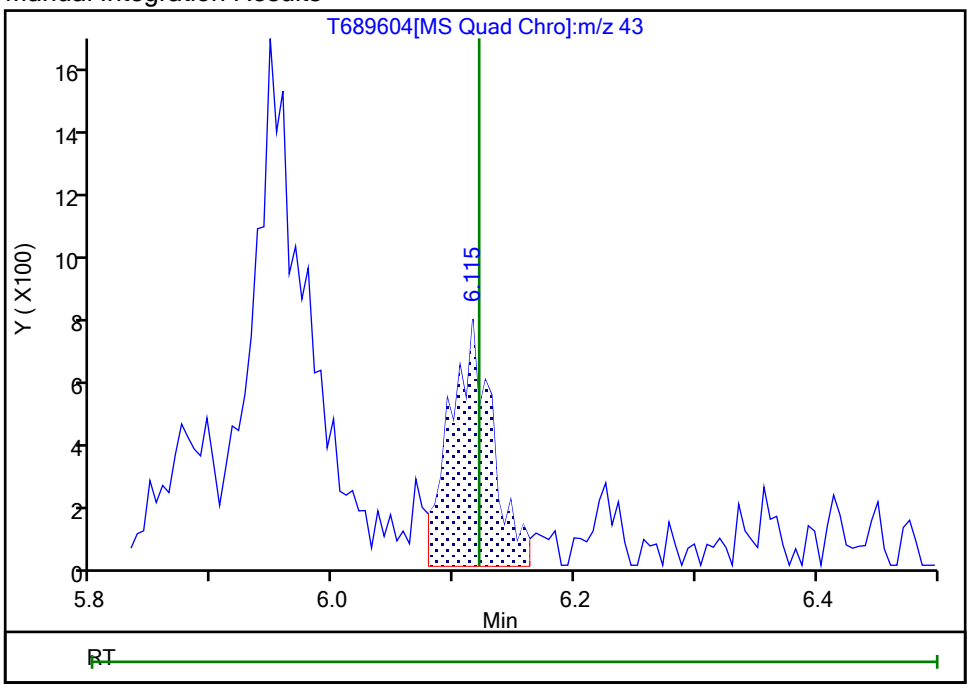
Processing Integration Results

RT: 6.23
Area: 377
Amount: 0.115852
Amount Units: ug/l



Manual Integration Results

RT: 6.12
Area: 1851
Amount: 0.590809
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:37:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

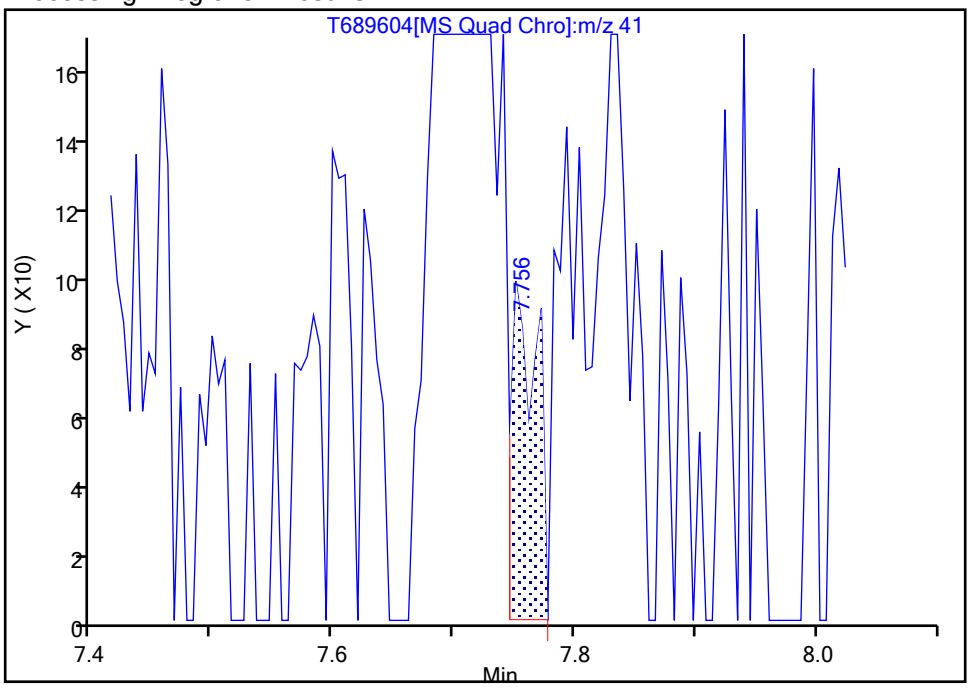
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

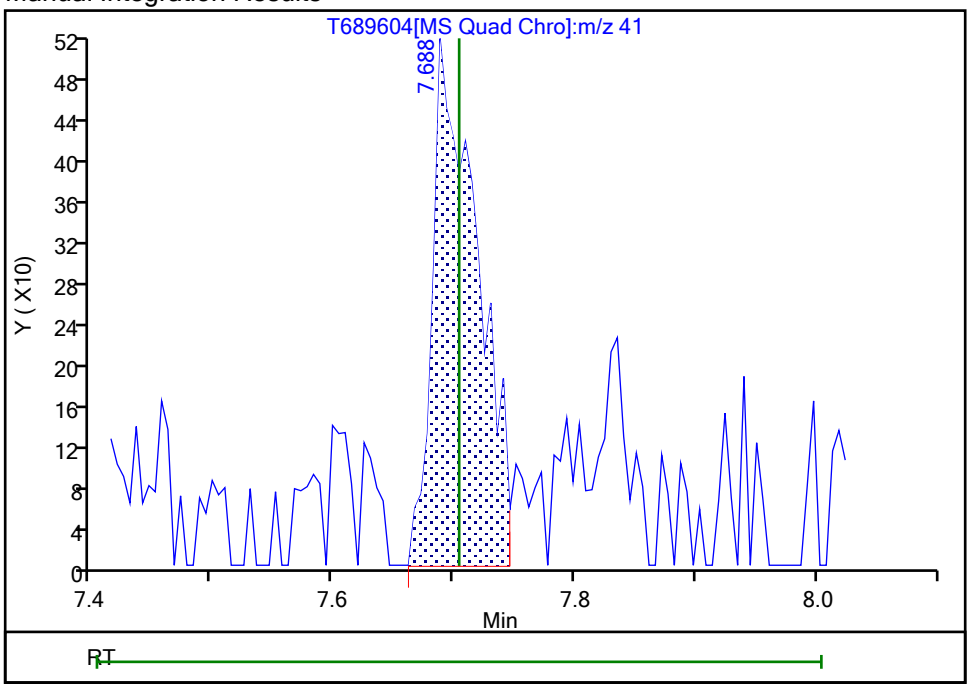
Processing Integration Results

RT: 7.76
Area: 145
Amount: 0.151225
Amount Units: ug/l



Manual Integration Results

RT: 7.69
Area: 1334
Amount: 1.370982
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:38:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

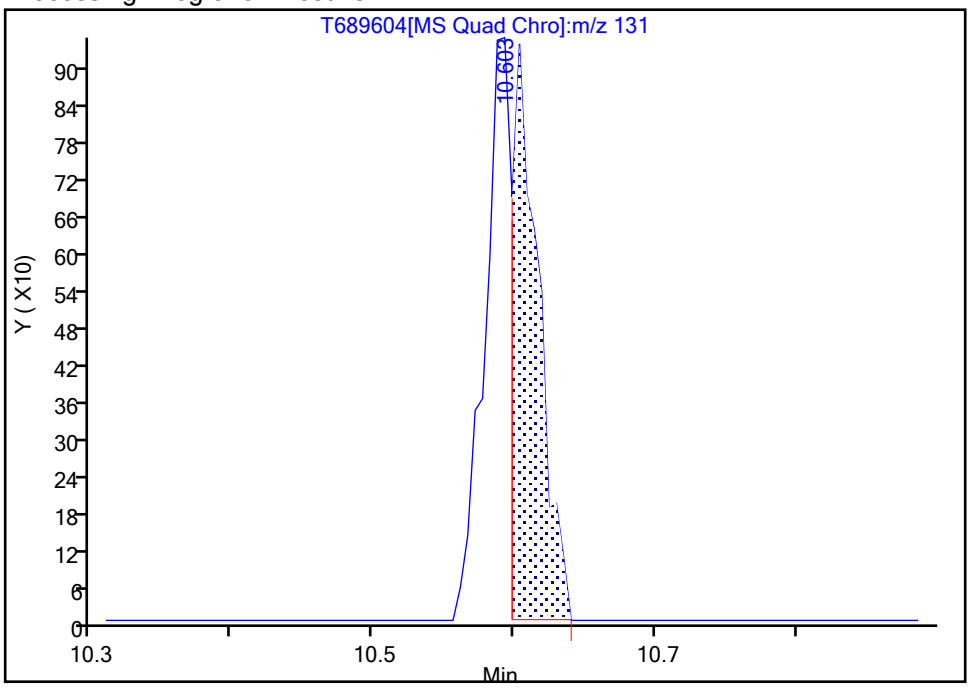
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

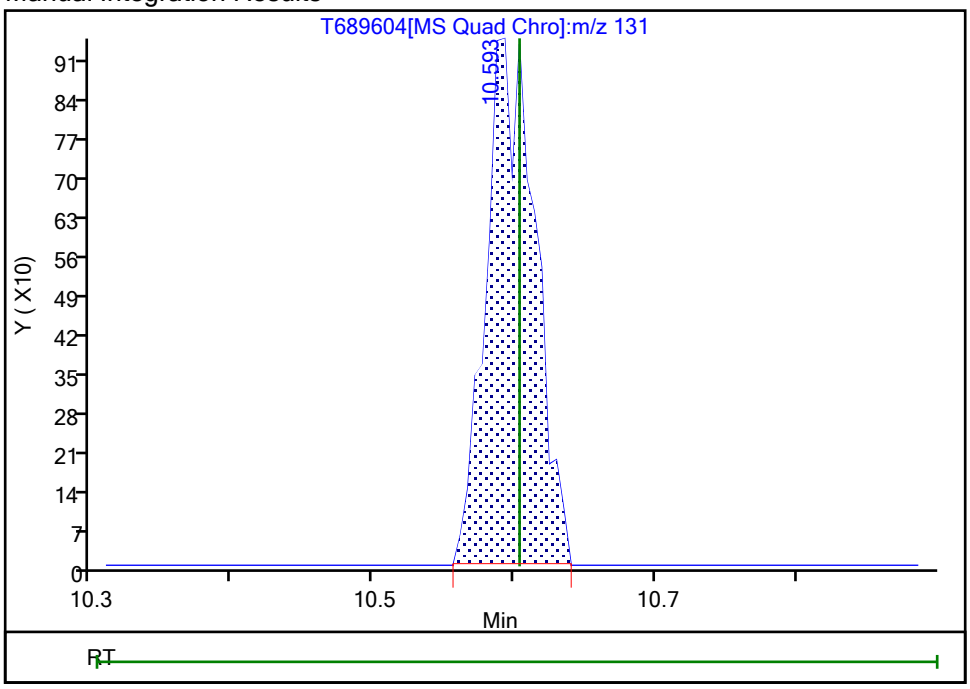
Processing Integration Results

RT: 10.60
Area: 1241
Amount: 0.280718
Amount Units: ug/l



Manual Integration Results

RT: 10.59
Area: 2284
Amount: 0.567900
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:14:33 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

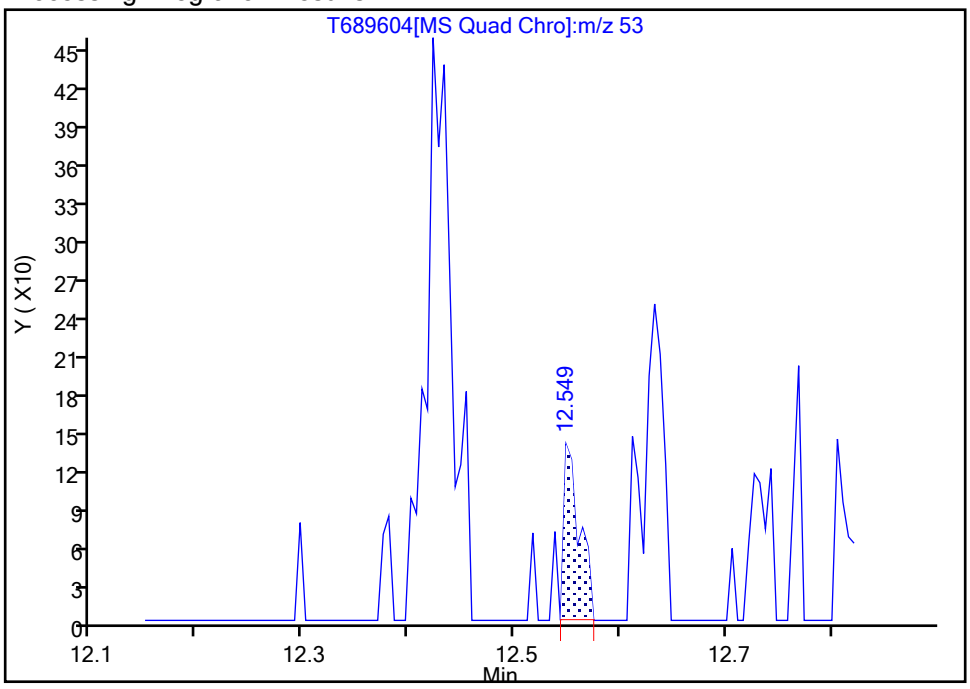
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

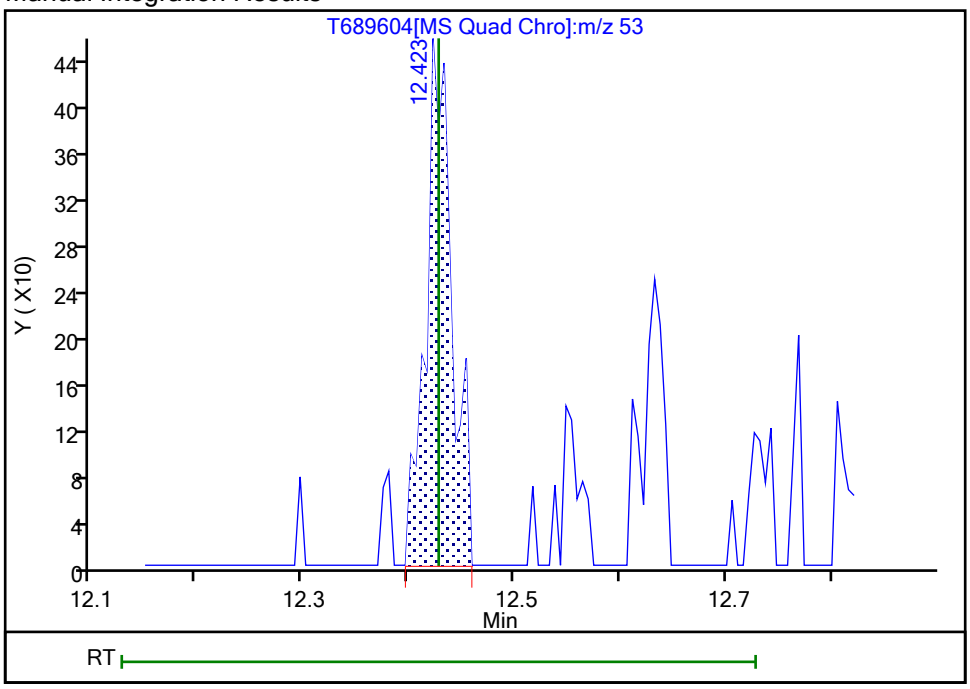
Processing Integration Results

RT: 12.55
Area: 141
Amount: 0.094363
Amount Units: ug/l



Manual Integration Results

RT: 12.42
Area: 770
Amount: 0.593153
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:38:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

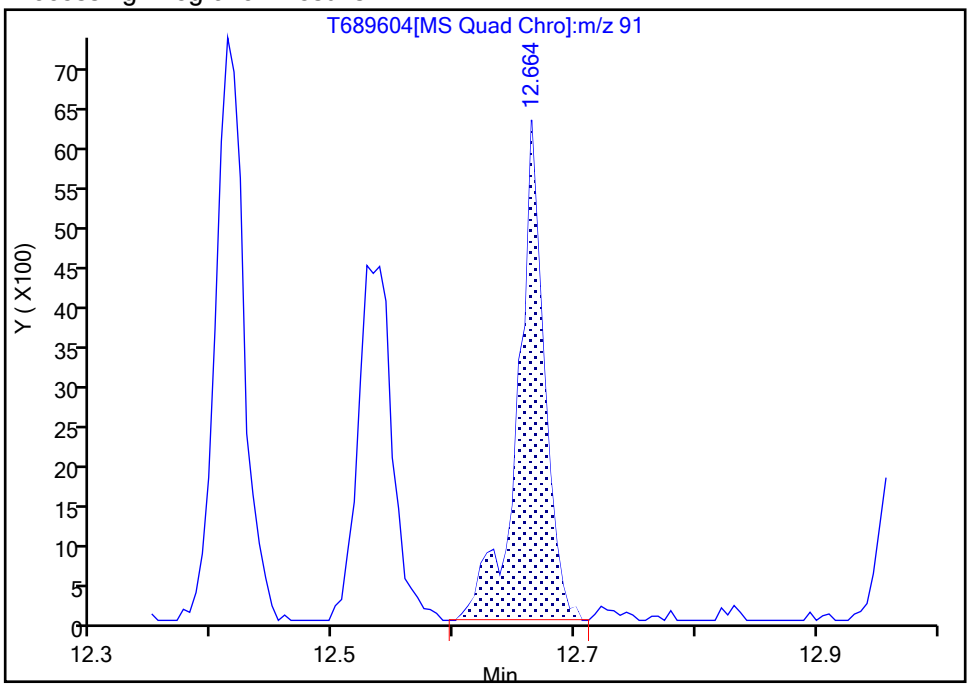
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

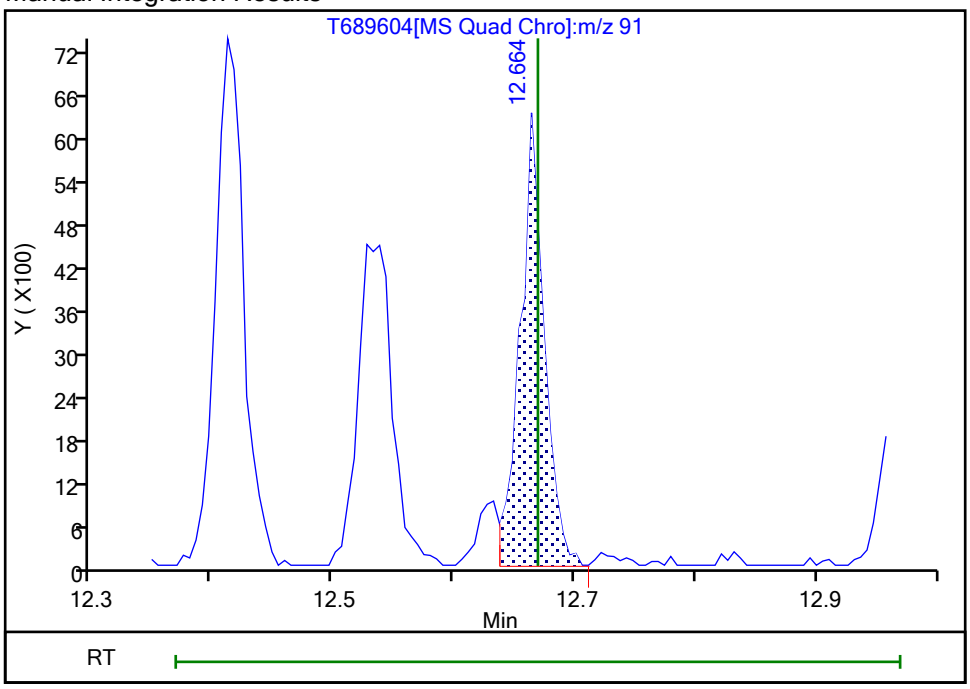
Processing Integration Results

RT: 12.66
Area: 9714
Amount: 0.617918
Amount Units: ug/l



Manual Integration Results

RT: 12.66
Area: 8758
Amount: 0.605973
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:14:50 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

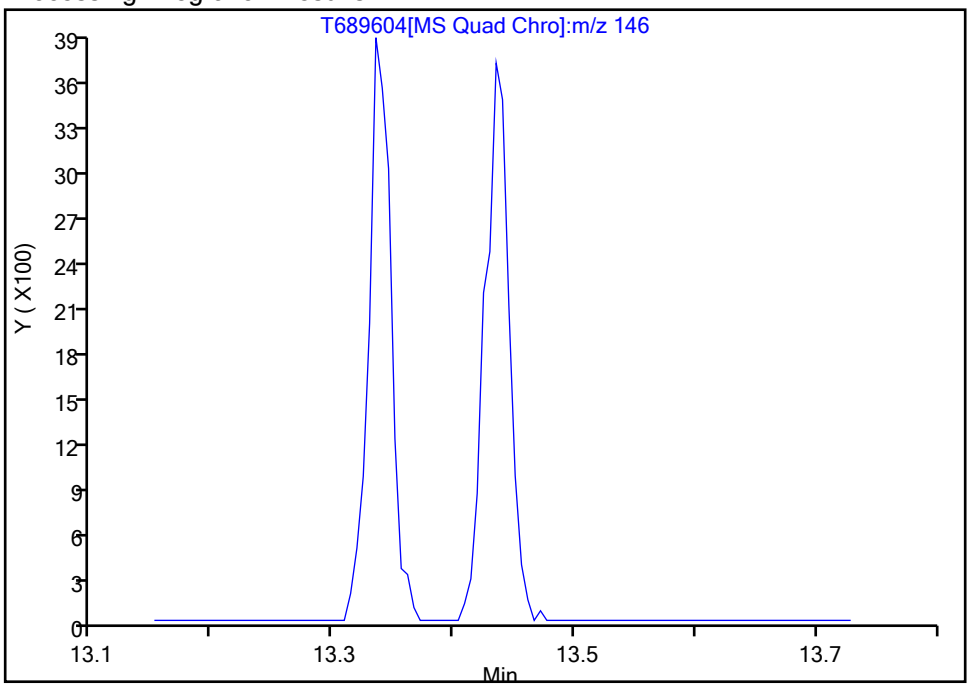
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689604.D
Injection Date: 19-Apr-2025 05:29:14 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

121 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

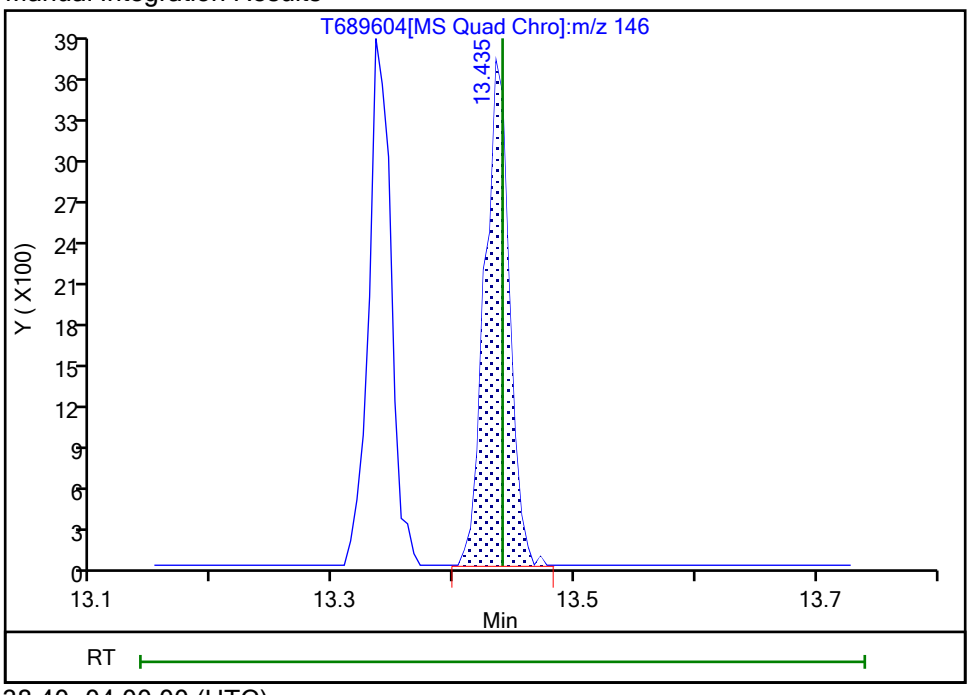
Not Detected
Expected RT: 13.44

Processing Integration Results



Manual Integration Results

RT: 13.43
Area: 5259
Amount: 0.603829
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:38:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 21-Apr-2025 14:08:48 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 19-Apr-2025 06:14:56 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0189481-007
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:08:47 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 09:00:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.517	1.512	0.005	28	523	5.00	4.09	a
3 Chlorotrifluoroethene	116	1.643	1.633	0.010	67	3466	5.00	4.61	
2 1,1-Difluoroethane	65	1.648	1.648	0.000	91	5710	5.00	5.06	
4 Dichlorodifluoromethane	85	1.674	1.669	0.005	99	24087	5.00	4.82	
5 Chlorodifluoromethane	67	1.701	1.695	0.006	96	3239	5.00	5.00	
6 Chloromethane	50	1.879	1.874	0.005	99	19808	5.00	4.90	
7 Vinyl chloride	62	1.984	1.979	0.005	98	17868	5.00	5.08	
8 Butadiene	54	2.015	2.015	0.000	96	17023	5.00	4.94	
9 Bromomethane	94	2.325	2.319	0.006	91	10145	5.00	5.12	
10 Chloroethane	64	2.424	2.424	0.000	97	11005	5.00	5.09	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	99	34508	5.00	4.99	
12 Trichlorofluoromethane	101	2.644	2.644	0.000	99	32839	5.00	4.86	
13 Pentane	72	2.707	2.702	0.005	94	5473	10.0	8.98	
14 Ethanol	46	2.844	2.838	0.006	89	2274	200.0	236.1	
15 Ethyl ether	59	2.917	2.917	0.000	91	12282	5.00	4.50	
17 2-Methyl-1,3-butadiene	53	2.949	2.938	0.011	84	13017	5.00	4.71	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.954	2.954	0.000	79	13971	5.00	4.67	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.022	3.011	0.011	90	20647	5.00	4.80	
19 Acrolein	56	3.095	3.090	0.005	94	8664	20.0	19.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.122	3.116	0.006	95	15235	5.00	4.55	
20 1,1-Dichloroethene	96	3.158	3.153	0.005	97	14312	5.00	4.46	
22 Acetone	43	3.232	3.226	0.006	87	21032	25.0	22.0	
25 Isopropyl alcohol	45	3.321	3.321	0.000	72	7420	50.0	43.1	
23 Iodomethane	142	3.326	3.326	0.000	93	11853	5.00	2.73	
24 Carbon disulfide	76	3.378	3.379	0.000	99	44830	5.00	4.48	
28 Methyl acetate	43	3.520	3.520	0.000	90	18530	10.0	9.36	
27 3-Chloro-1-propene	76	3.520	3.525	-0.005	84	8958	5.00	5.07	
26 Acetonitrile	41	3.557	3.546	0.011	60	19681	50.0	42.7	a
29 Cyclopentene	67	3.562	3.562	0.000	88	40154	5.00	4.56	
* 31 TBA-d9 (IS)	66	3.625	3.620	0.005	97	47064	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.656	3.662	-0.006	87	16622	5.00	4.86	
32 2-Methyl-2-propanol	59	3.709	3.709	0.000	95	14426	50.0	45.0	
35 Methyl tert-butyl ether	73	3.866	3.856	0.010	95	48846	5.00	4.83	
34 trans-1,2-Dichloroethene	96	3.892	3.892	0.000	92	17057	5.00	4.76	
33 Acrylonitrile	53	3.939	3.940	-0.001	93	47149	50.0	49.1	
36 Hexane	57	4.102	4.097	0.005	89	16247	5.00	4.20	
40 Isopropyl ether	45	4.322	4.328	-0.006	94	40379	5.00	4.67	
37 1,1-Dichloroethane	63	4.348	4.343	0.005	88	30389	5.00	4.85	
38 Vinyl acetate	86	4.364	4.364	0.000	99	6512	10.0	9.77	
39 2-Chloro-1,3-butadiene	88	4.417	4.417	0.000	92	14827	5.00	4.72	
41 Tert-butyl ethyl ether	59	4.700	4.700	0.000	87	46420	5.00	4.65	
* 42 2-Butanone-d5	46	4.904	4.899	0.005	46	94043	250.0	250.0	
44 2,2-Dichloropropane	97	4.941	4.941	0.000	70	6396	5.00	4.91	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	63	18473	5.00	4.67	
45 2-Butanone (MEK)	72	4.962	4.962	0.000	96	10664	25.0	24.3	
47 Ethyl acetate	70	4.988	4.983	0.005	97	3651	10.0	10.4	a
48 Methyl acrylate	55	5.041	5.041	0.000	94	12650	5.00	4.78	
46 Propionitrile	54	5.093	5.093	0.000	97	18346	50.0	47.5	a
49 Chlorobromomethane	128	5.224	5.224	0.000	54	8969	5.00	4.97	
50 Methacrylonitrile	67	5.240	5.235	0.005	90	61701	50.0	49.9	
51 Tetrahydrofuran	72	5.235	5.245	-0.010	28	4345	10.0	10.9	
52 Chloroform	83	5.287	5.282	0.005	96	34477	5.00	4.77	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.471	0.000	96	149261	50.0	50.4	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	49	34285	5.00	4.82	
55 Cyclohexane	84	5.486	5.491	-0.005	48	22460	5.00	4.38	
56 Carbon tetrachloride	117	5.633	5.633	0.000	98	26877	5.00	4.45	
57 1,1-Dichloropropene	75	5.664	5.665	0.000	95	24867	5.00	4.61	
59 Isobutyl alcohol	43	5.759	5.764	-0.005	92	12176	125.0	113.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.890	5.885	0.005	97	188309	50.0	49.7	
60 Benzene	78	5.890	5.895	-0.005	61	65982	5.00	4.74	
62 Isooctane	57	5.895	5.900	-0.005	42	31133	5.00	4.32	
63 Isopropyl acetate	61	5.948	5.963	-0.015	96	7738	5.00	4.74	
61 1,2-Dichloroethane	62	5.979	5.979	0.000	86	28741	5.00	4.67	
64 Tert-amyl methyl ether	73	5.984	5.979	0.005	97	45449	5.00	4.74	
66 n-Heptane	43	6.110	6.121	-0.011	88	13023	5.00	4.22	
* 65 Fluorobenzene	96	6.231	6.231	0.000	98	512348	50.0	50.0	
68 n-Butanol	56	6.551	6.556	-0.005	79	7908	125.0	103.5	
67 Trichloroethene	95	6.666	6.666	0.000	94	19437	5.00	4.64	
69 Ethyl acrylate	55	6.797	6.787	0.010	98	17332	5.00	4.69	
70 Methylcyclohexane	83	6.849	6.834	0.015	92	22786	5.00	4.24	
71 1,2-Dichloropropane	63	6.991	6.986	0.005	84	16267	5.00	4.85	
* 73 1,4-Dioxane-d8	96	7.054	7.054	0.000	1	32303	1000.0	1000.0	a
75 Methyl methacrylate	100	7.091	7.085	0.006	81	7680	10.0	9.36	
74 1,4-Dioxane	88	7.112	7.112	0.000	44	3536	100.0	94.4	
72 Dibromomethane	93	7.148	7.143	0.005	78	12213	5.00	5.18	
76 n-Propyl acetate	43	7.159	7.154	0.005	95	18180	5.00	4.46	
77 Dichlorobromomethane	83	7.321	7.321	0.000	97	23834	5.00	4.42	
78 2-Nitropropane	41	7.704	7.704	0.000	91	8355	10.0	8.71	
80 Epichlorohydrin	57	7.846	7.846	0.000	96	16639	100.0	91.1	
81 cis-1,3-Dichloropropene	75	7.935	7.935	0.000	91	28118	5.00	4.64	
82 4-Methyl-2-pentanone (MIBK)	43	8.129	8.129	0.000	92	57008	25.0	23.4	
$ 83 Toluene-d8 (Surr)	98	8.249	8.249	0.000	97	509309	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.344	8.344	0.000	91	72698	5.00	4.65	
85 trans-1,3-Dichloropropene	75	8.742	8.737	0.005	94	25158	5.00	4.53	
86 Ethyl methacrylate	69	8.800	8.789	0.011	82	19412	5.00	4.65	
87 1,1,2-Trichloroethane	83	8.994	8.994	0.000	92	12407	5.00	4.84	
88 Tetrachloroethene	166	9.104	9.099	0.005	96	22551	5.00	4.71	
89 1,3-Dichloropropane	76	9.261	9.256	0.005	89	26132	5.00	4.73	
90 2-Hexanone	43	9.340	9.340	0.000	95	41073	25.0	23.7	
93 n-Butyl acetate	43	9.492	9.487	0.005	97	18147	5.00	4.66	
91 Chlorodibromomethane	129	9.534	9.529	0.005	92	17466	5.00	4.68	
92 Ethylene Dibromide	107	9.723	9.728	-0.005	95	15463	5.00	4.64	
* 94 Chlorobenzene-d5	117	10.415	10.415	0.000	87	415058	50.0	50.0	
95 Chlorobenzene	112	10.462	10.457	0.005	94	49784	5.00	4.82	
97 Ethylbenzene	106	10.598	10.598	0.000	98	27205	5.00	4.76	
96 1,1,1,2-Tetrachloroethane	131	10.598	10.604	-0.006	42	18775	5.00	4.70	
98 m-Xylene & p-Xylene	106	10.797	10.792	0.005	92	32044	5.00	4.65	
101 n-Butyl acrylate	73	11.385	11.395	-0.010	93	10642	5.00	4.52	
99 o-Xylene	106	11.411	11.411	0.000	94	31344	5.00	4.70	
100 Styrene	104	11.442	11.442	0.000	92	49519	5.00	4.72	
102 Bromoform	173	11.705	11.705	0.000	79	11196	5.00	4.37	
103 Amyl acetate (mixed isomers)	43	11.715	11.715	0.000	89	20650	5.00	4.47	
104 Isopropylbenzene	105	11.904	11.904	0.000	96	75296	5.00	4.70	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	90	185783	50.0	50.8	
106 Bromobenzene	156	12.307	12.308	-0.001	94	22136	5.00	4.65	
107 1,1,2,2-Tetrachloroethane	83	12.349	12.355	-0.006	90	17832	5.00	4.75	
108 1,2,3-Trichloropropane	110	12.407	12.412	-0.005	60	6913	5.00	4.72	
110 N-Propylbenzene	91	12.412	12.418	-0.006	98	96392	5.00	4.69	
109 trans-1,4-Dichloro-2-butene	53	12.433	12.428	0.005	53	5650	5.00	4.37	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	96	70105	5.00	4.65	
112 4-Ethyltoluene	105	12.554	12.554	0.000	97	80086	5.00	4.66	
114 1,3,5-Trimethylbenzene	105	12.633	12.633	0.000	92	71717	5.00	4.75	
113 4-Chlorotoluene	91	12.669	12.669	0.000	98	67609	5.00	4.70	M
115 Butyl Methacrylate	87	12.753	12.748	0.005	86	19045	5.00	4.39	
116 tert-Butylbenzene	119	12.973	12.973	0.000	92	58990	5.00	4.58	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	97	72519	5.00	4.71	
118 sec-Butylbenzene	105	13.204	13.204	0.000	98	80026	5.00	4.66	
119 1,3-Dichlorobenzene	146	13.340	13.335	0.005	95	39782	5.00	4.72	
122 4-Isopropyltoluene	119	13.356	13.351	0.005	92	71671	5.00	4.69	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	96	249802	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.435	13.440	-0.005	88	39251	5.00	4.53	
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	98	70230	5.00	4.51	
124 Benzyl chloride	91	13.576	13.576	0.000	97	35530	5.00	4.36	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	94	59289	5.00	4.60	
127 p-Diethylbenzene	119	13.723	13.723	0.000	92	40494	5.00	4.56	
128 n-Butylbenzene	92	13.744	13.744	0.000	97	33900	5.00	4.73	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	95	36019	5.00	4.65	
130 1,2,4,5-Tetramethylbenzene	119	14.420	14.426	-0.006	96	60631	5.00	4.57	
129 1,2-Dibromo-3-Chloropropane	157	14.494	14.504	-0.010	87	4152	5.00	4.72	
131 1,3,5-Trichlorobenzene	180	14.635	14.641	-0.006	95	24828	5.00	4.59	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	92	19335	5.00	4.20	
133 Hexachlorobutadiene	225	15.249	15.244	0.005	76	10499	5.00	4.21	
134 Naphthalene	128	15.348	15.349	-0.001	99	45856	5.00	4.23	
135 1,2,3-Trichlorobenzene	180	15.548	15.548	0.000	92	15678	5.00	4.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.43	
S 137 Xylenes, Total	100				0		10.0	9.35	
S 140 Total BTEX	1				0		25.0	23.5	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.17	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00203	Amount Added:	10.00	Units: uL	
GASES Li_00637	Amount Added:	10.00	Units: uL	
524FREONS_00033	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:08:48 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D

Injection Date: 19-Apr-2025 06:14:56 Instrument ID: CVOAMS15

Lims ID: STD5

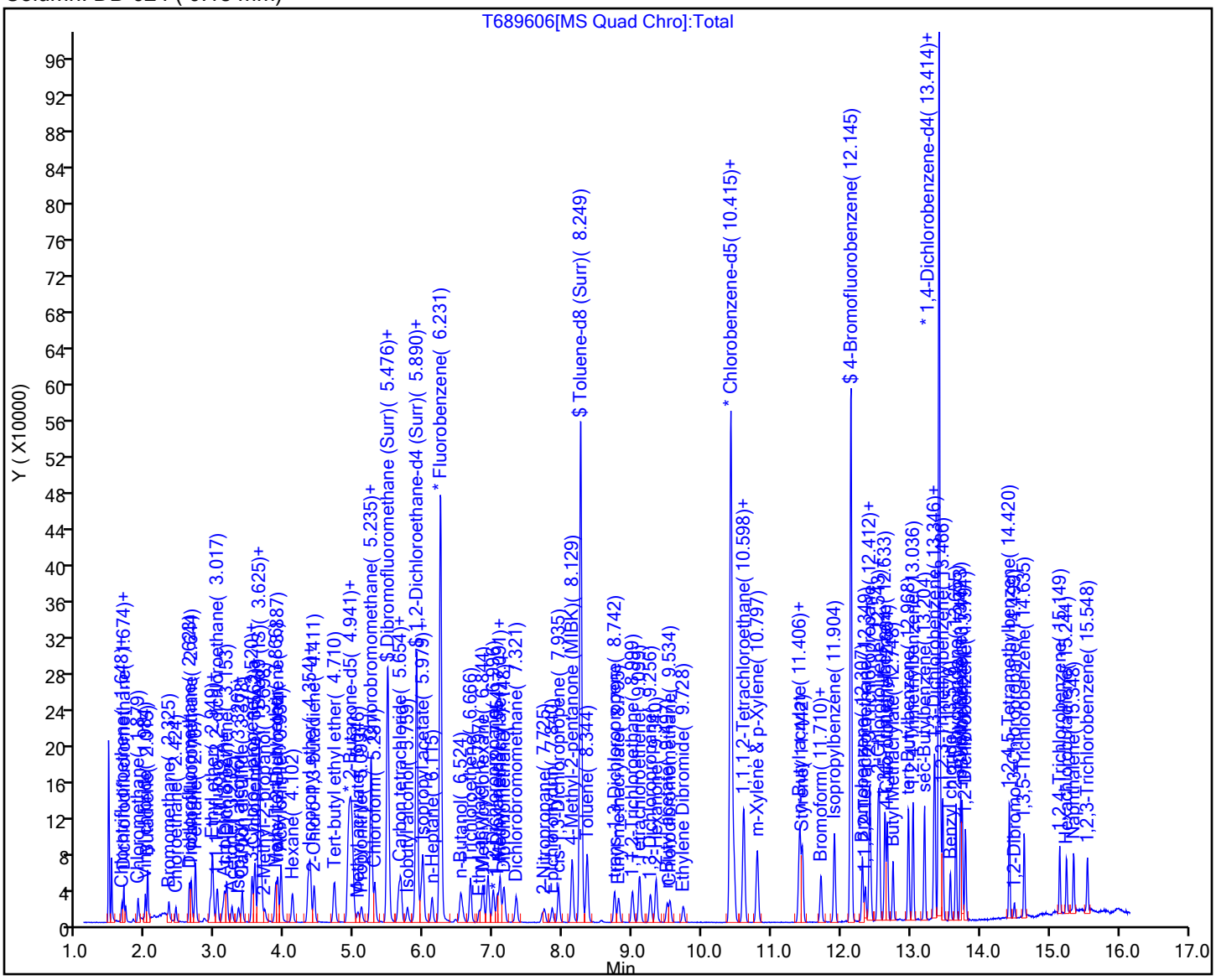
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

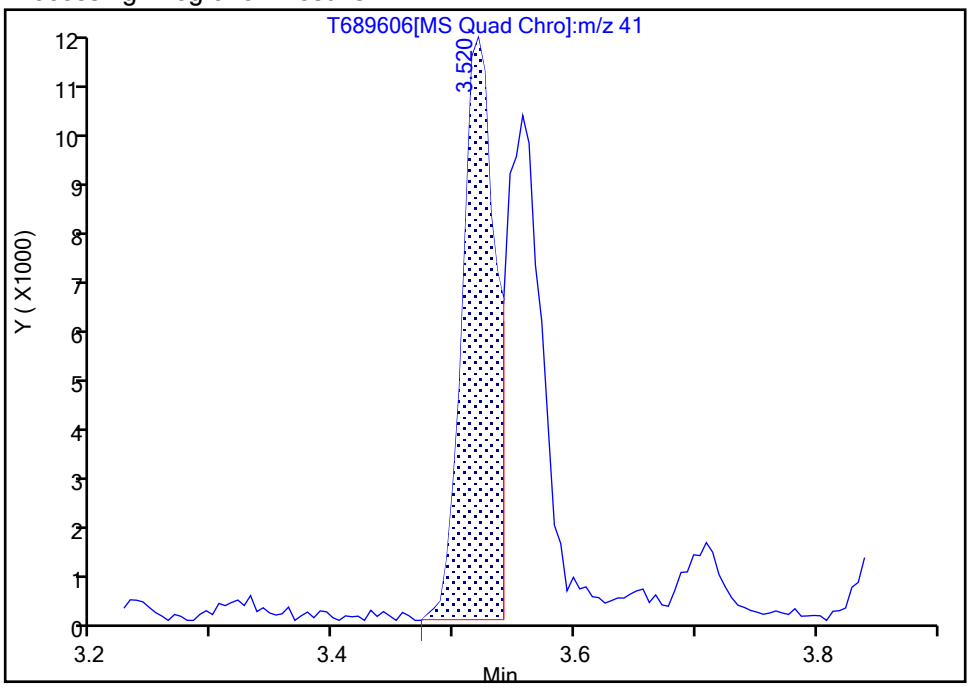
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D
Injection Date: 19-Apr-2025 06:14:56 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

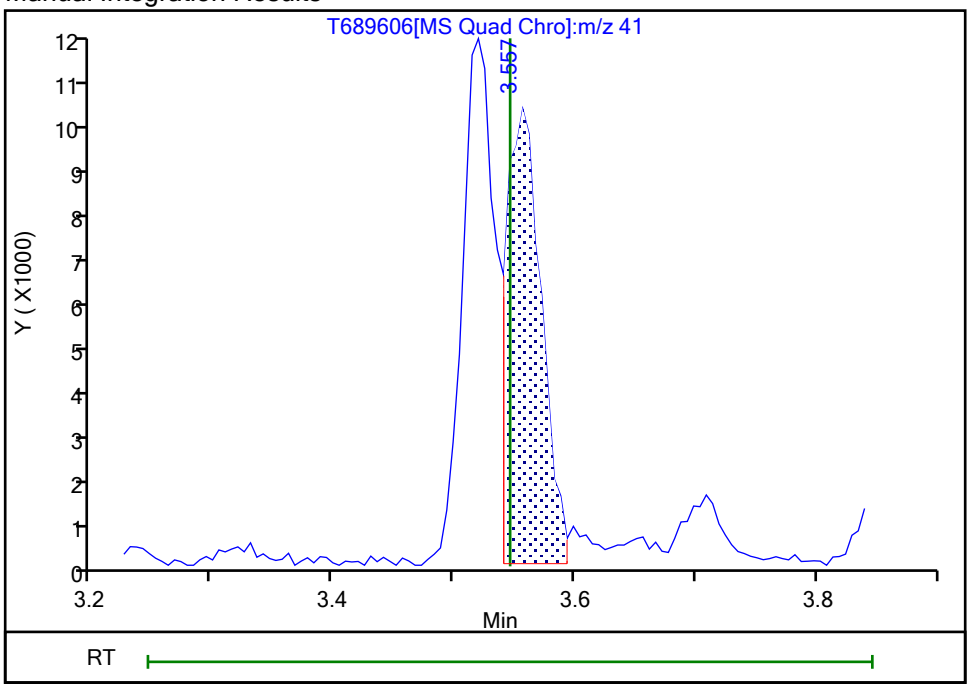
Processing Integration Results

RT: 3.52
Area: 22113
Amount: 73.940628
Amount Units: ug/l



Manual Integration Results

RT: 3.56
Area: 19681
Amount: 42.731182
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:12:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

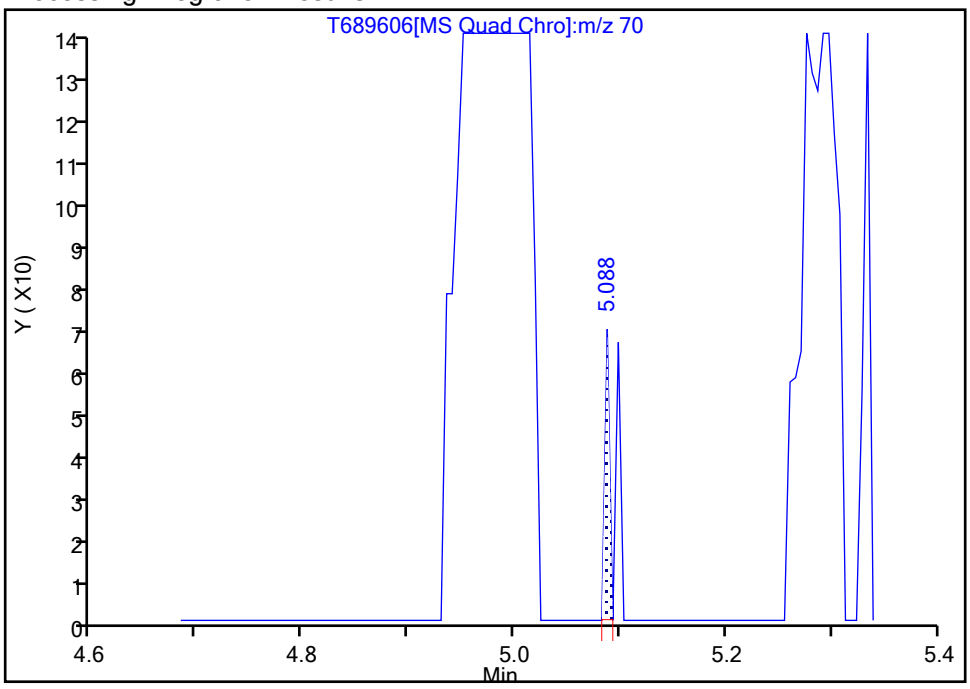
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D
Injection Date: 19-Apr-2025 06:14:56 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

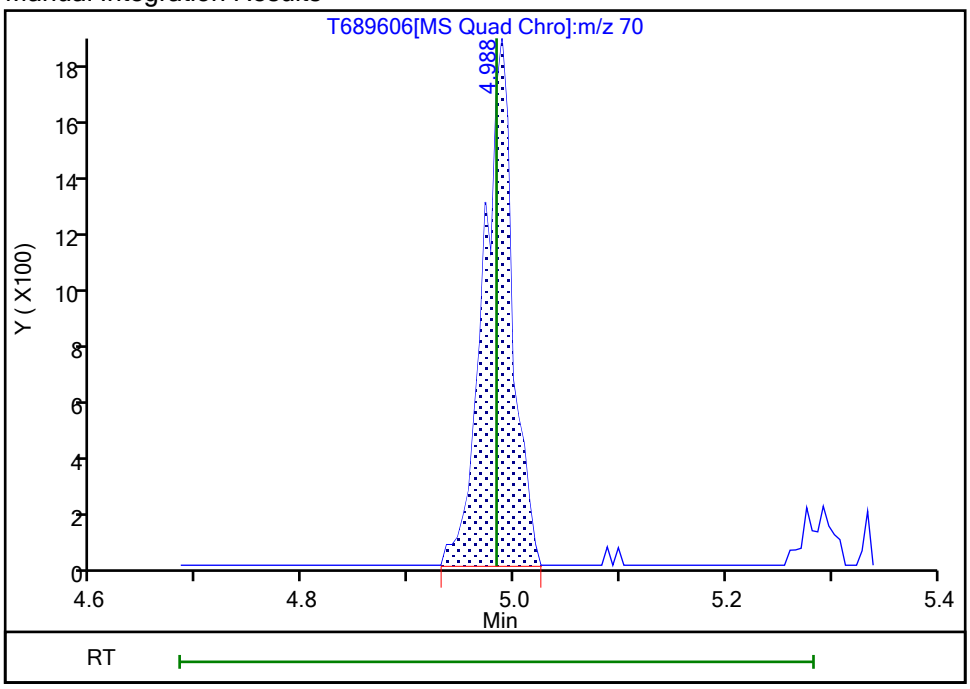
Processing Integration Results

RT: 5.09
Area: 21
Amount: 0.099932
Amount Units: ug/l



Manual Integration Results

RT: 4.99
Area: 3651
Amount: 10.427233
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:12:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

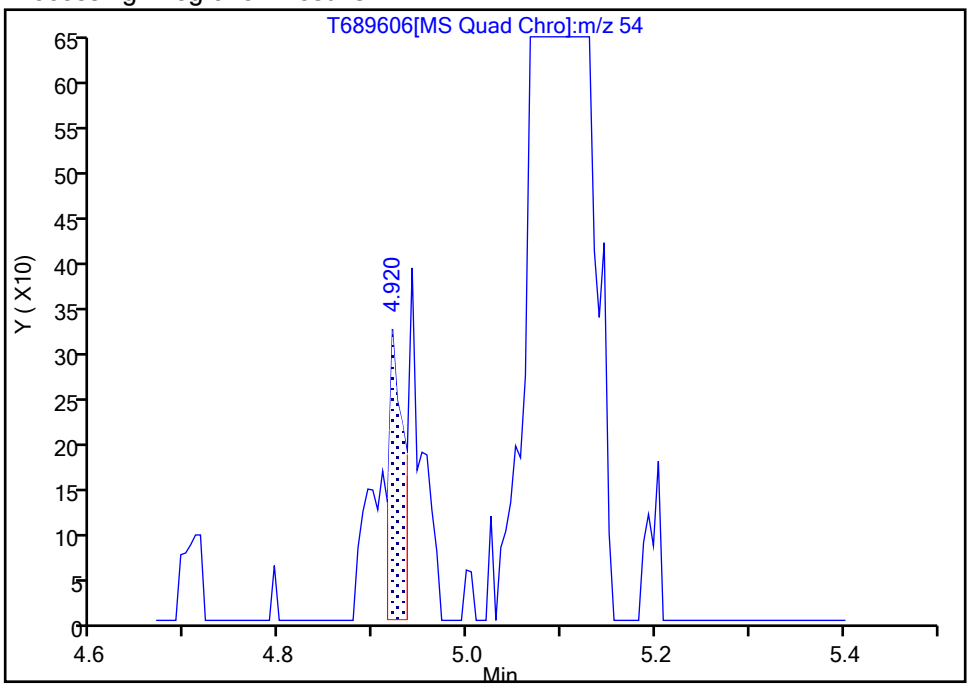
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D
Injection Date: 19-Apr-2025 06:14:56 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

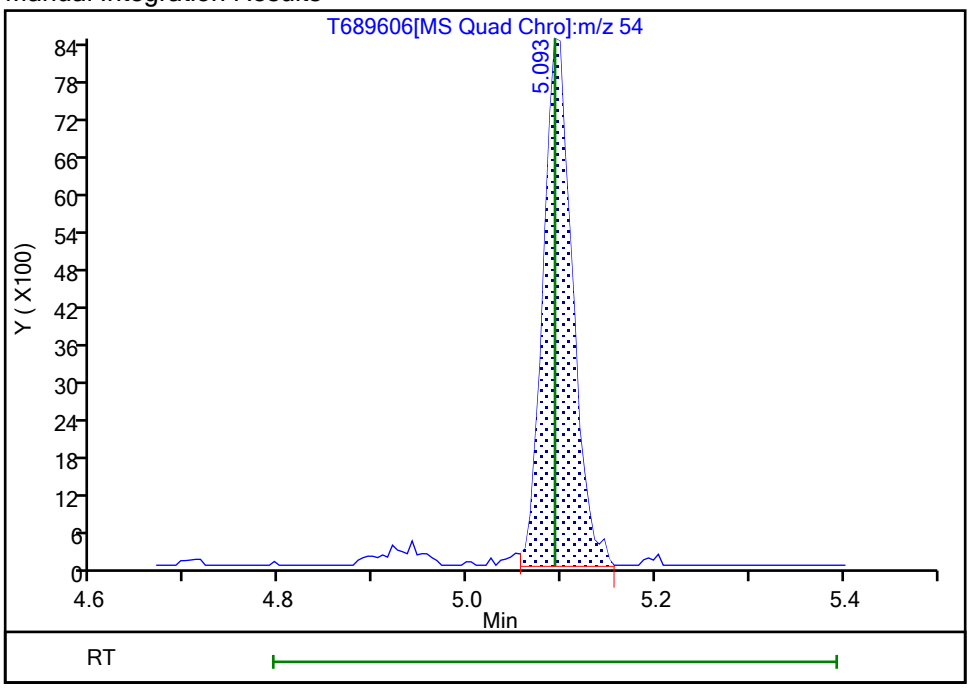
Processing Integration Results

RT: 4.92
Area: 348
Amount: 1.336642
Amount Units: ug/l



Manual Integration Results

RT: 5.09
Area: 18346
Amount: 47.527337
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:12:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

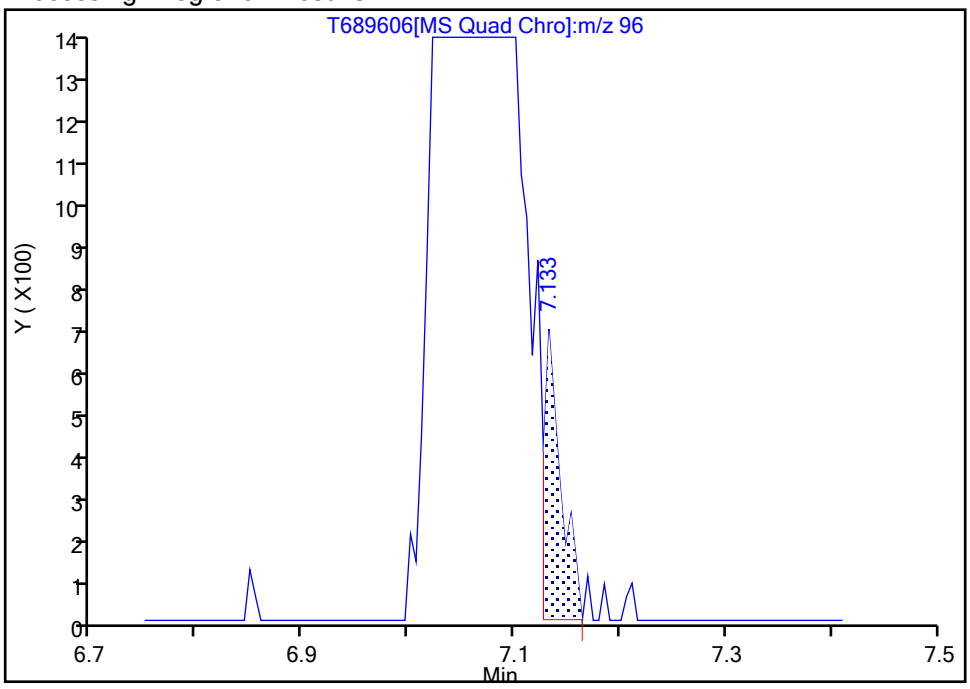
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D
Injection Date: 19-Apr-2025 06:14:56 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

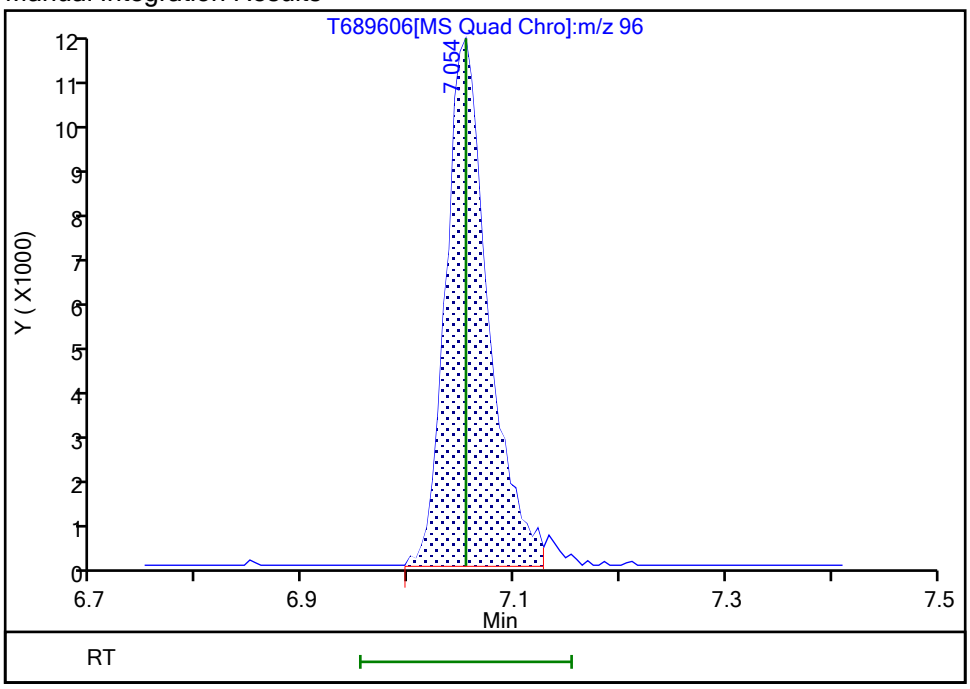
Processing Integration Results

RT: 7.13
Area: 753
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 7.05
Area: 32303
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:12:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

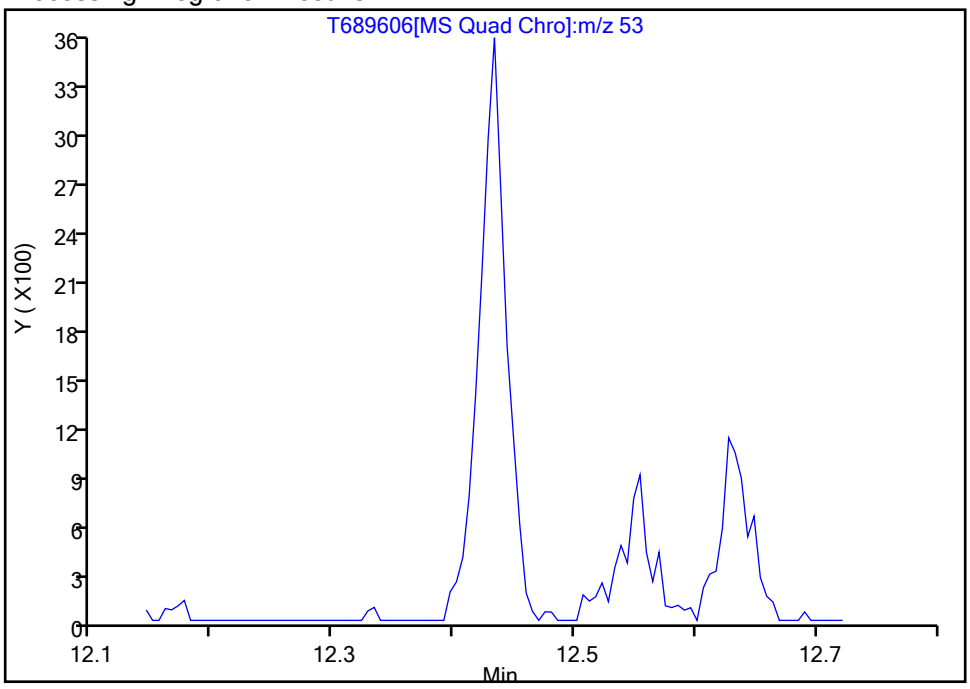
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D
Injection Date: 19-Apr-2025 06:14:56 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

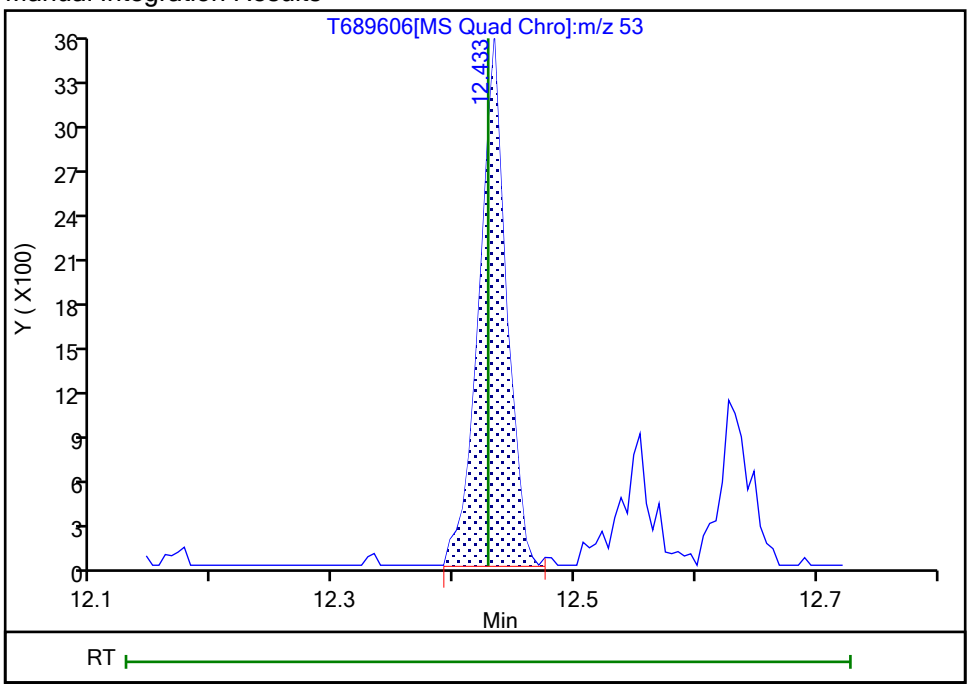
Not Detected
Expected RT: 12.43

Processing Integration Results



Manual Integration Results

RT: 12.43
Area: 5650
Amount: 4.373401
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:12:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

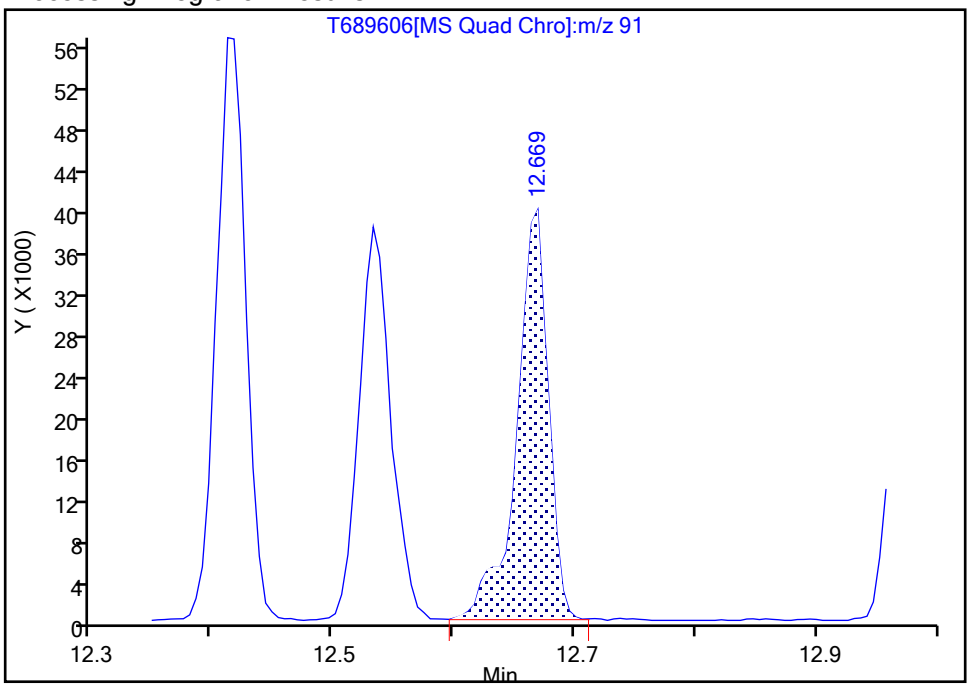
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689606.D
Injection Date: 19-Apr-2025 06:14:56 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

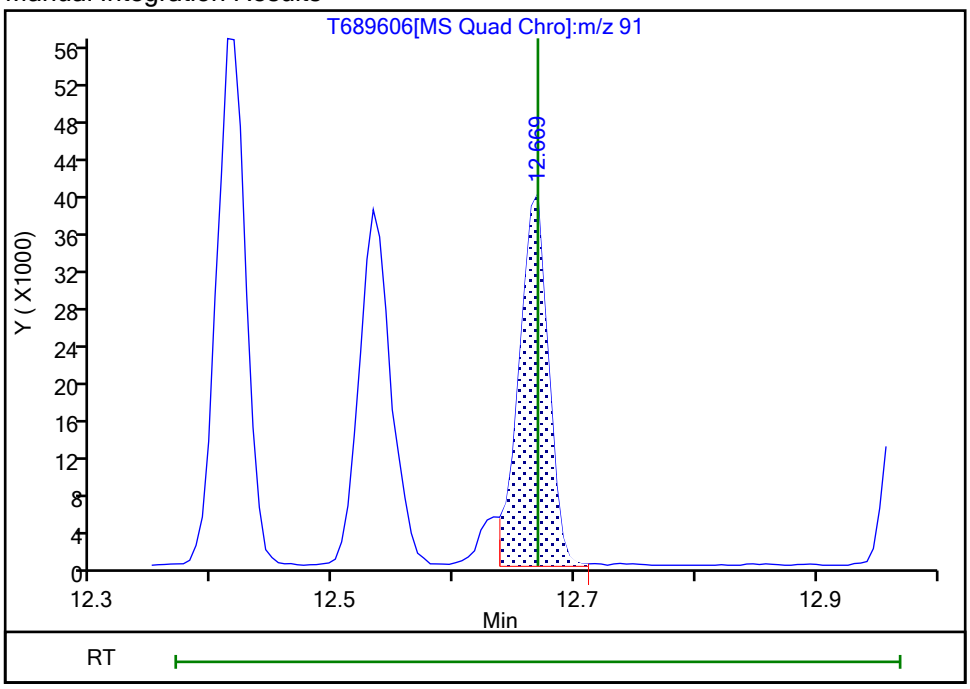
Processing Integration Results

RT: 12.67
Area: 72949
Amount: 4.777324
Amount Units: ug/l



Manual Integration Results

RT: 12.67
Area: 67609
Amount: 4.700544
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:18:26 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 19-Apr-2025 06:37:52 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0189481-008
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:09:19 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 08:00:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.512	1.512	0.000	59	1656	20.0	12.5	a
3 Chlorotrifluoroethene	116	1.638	1.638	0.000	94	14218	20.0	18.2	
2 1,1-Difluoroethane	65	1.653	1.653	0.000	93	21530	20.0	18.3	
4 Dichlorodifluoromethane	85	1.674	1.674	0.000	99	94998	20.0	18.3	
5 Chlorodifluoromethane	67	1.700	1.700	0.000	96	12861	20.0	20.0	
6 Chloromethane	50	1.879	1.879	0.000	99	75810	20.0	18.1	
7 Vinyl chloride	62	1.984	1.984	0.000	98	70317	20.0	19.3	
8 Butadiene	54	2.015	2.015	0.000	95	65136	20.0	18.2	
9 Bromomethane	94	2.319	2.319	0.000	97	38888	20.0	20.1	
10 Chloroethane	64	2.419	2.419	0.000	99	41917	20.0	18.7	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	99	137061	20.0	19.1	
12 Trichlorofluoromethane	101	2.644	2.644	0.000	98	132214	20.0	18.8	
13 Pentane	72	2.702	2.702	0.000	94	25577	40.0	40.4	
14 Ethanol	46	2.833	2.833	0.000	99	8885	800.0	932.5	
15 Ethyl ether	59	2.917	2.917	0.000	93	50362	20.0	17.8	
17 2-Methyl-1,3-butadiene	53	2.943	2.943	0.000	86	54760	20.0	19.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.954	2.954	0.000	89	59784	20.0	19.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.016	3.016	0.000	96	83948	20.0	18.8	
19 Acrolein	56	3.095	3.095	0.000	96	17370	40.0	37.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.121	3.121	0.000	97	71025	20.0	20.4	
20 1,1-Dichloroethene	96	3.158	3.158	0.000	99	65132	20.0	19.6	
22 Acetone	43	3.231	3.231	0.000	86	85280	100.0	86.5	
25 Isopropyl alcohol	45	3.326	3.326	0.000	53	32976	200.0	193.7	
23 Iodomethane	142	3.326	3.326	0.000	97	67463	20.0	15.1	
24 Carbon disulfide	76	3.378	3.378	0.000	99	197440	20.0	19.0	
28 Methyl acetate	43	3.520	3.520	0.000	90	75777	40.0	36.9	
27 3-Chloro-1-propene	76	3.520	3.520	0.000	88	37924	20.0	20.7	
26 Acetonitrile	41	3.551	3.551	0.000	68	91299	200.0	222.8	a
29 Cyclopentene	67	3.562	3.562	0.000	89	180729	20.0	19.8	
* 31 TBA-d9 (IS)	66	3.619	3.619	0.000	98	46564	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.656	3.656	0.000	84	71077	20.0	20.0	
32 2-Methyl-2-propanol	59	3.703	3.703	0.000	99	61729	200.0	194.6	
35 Methyl tert-butyl ether	73	3.861	3.861	0.000	96	211277	20.0	20.1	
34 trans-1,2-Dichloroethene	96	3.892	3.892	0.000	93	73715	20.0	19.8	
33 Acrylonitrile	53	3.934	3.934	0.000	93	194313	200.0	195.1	
36 Hexane	57	4.102	4.102	0.000	90	79671	20.0	19.9	
40 Isopropyl ether	45	4.327	4.327	0.000	92	175434	20.0	19.6	
37 1,1-Dichloroethane	63	4.348	4.348	0.000	88	126702	20.0	19.5	
38 Vinyl acetate	86	4.359	4.359	0.000	99	28343	40.0	45.8	
39 2-Chloro-1,3-butadiene	88	4.416	4.416	0.000	92	63555	20.0	19.5	
41 Tert-butyl ethyl ether	59	4.705	4.705	0.000	90	206338	20.0	19.9	
* 42 2-Butanone-d5	46	4.899	4.899	0.000	60	87332	250.0	250.0	a
44 2,2-Dichloropropane	97	4.946	4.946	0.000	86	25903	20.0	19.2	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	72	80228	20.0	19.6	
45 2-Butanone (MEK)	72	4.962	4.962	0.000	98	40382	100.0	100.8	
47 Ethyl acetate	70	4.983	4.983	0.000	96	15470	40.0	47.6	
48 Methyl acrylate	55	5.040	5.040	0.000	98	50094	20.0	18.3	
46 Propionitrile	54	5.098	5.098	0.000	96	79386	200.0	198.3	a
49 Chlorobromomethane	128	5.224	5.224	0.000	52	36086	20.0	19.3	
50 Methacrylonitrile	67	5.234	5.234	0.000	91	261143	200.0	203.7	
51 Tetrahydrofuran	72	5.229	5.229	0.000	28	15828	40.0	44.4	
52 Chloroform	83	5.287	5.287	0.000	100	147500	20.0	19.7	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.470	0.000	96	151916	50.0	49.5	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	94	146153	20.0	19.8	
55 Cyclohexane	84	5.481	5.481	0.000	80	103747	20.0	19.5	
56 Carbon tetrachloride	117	5.633	5.633	0.000	98	123190	20.0	19.6	
57 1,1-Dichloropropene	75	5.659	5.659	0.000	98	109237	20.0	19.5	
59 Isobutyl alcohol	43	5.753	5.753	0.000	97	51314	500.0	483.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.890	5.890	0.000	80	191427	50.0	48.7	
60 Benzene	78	5.890	5.890	0.000	95	285664	20.0	19.9	
62 Isooctane	57	5.895	5.895	0.000	62	152662	20.0	20.4	
63 Isopropyl acetate	61	5.947	5.947	0.000	97	32778	20.0	19.4	
61 1,2-Dichloroethane	62	5.979	5.979	0.000	78	116627	20.0	18.3	
64 Tert-amyl methyl ether	73	5.979	5.979	0.000	97	199158	20.0	20.0	
66 n-Heptane	43	6.115	6.115	0.000	88	62039	20.0	19.4	
* 65 Fluorobenzene	96	6.236	6.236	0.000	99	531405	50.0	50.0	
68 n-Butanol	56	6.550	6.550	0.000	88	35554	500.0	470.2	
67 Trichloroethene	95	6.666	6.666	0.000	97	83668	20.0	19.3	
69 Ethyl acrylate	55	6.797	6.797	0.000	98	74811	20.0	19.5	a
70 Methylcyclohexane	83	6.844	6.844	0.000	93	113056	20.0	20.3	
71 1,2-Dichloropropane	63	6.996	6.996	0.000	85	67006	20.0	19.2	
* 73 1,4-Dioxane-d8	96	7.048	7.048	0.000	1	34115	1000.0	1000.0	a
75 Methyl methacrylate	100	7.090	7.090	0.000	83	33584	40.0	39.5	
74 1,4-Dioxane	88	7.122	7.122	0.000	73	15879	400.0	401.4	
72 Dibromomethane	93	7.143	7.143	0.000	94	48719	20.0	19.9	
76 n-Propyl acetate	43	7.153	7.153	0.000	96	76093	20.0	18.0	
77 Dichlorobromomethane	83	7.321	7.321	0.000	99	107262	20.0	19.2	
78 2-Nitropropane	41	7.699	7.699	0.000	96	35801	40.0	36.0	
80 Epichlorohydrin	57	7.840	7.840	0.000	98	73807	400.0	442.2	
81 cis-1,3-Dichloropropene	75	7.934	7.934	0.000	92	125708	20.0	20.2	
82 4-Methyl-2-pentanone (MIBK)	43	8.128	8.128	0.000	95	250918	100.0	99.3	
$ 83 Toluene-d8 (Surr)	98	8.254	8.254	0.000	98	522698	50.0	50.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.343	8.343	0.000	92	311710	20.0	19.4	
85 trans-1,3-Dichloropropene	75	8.737	8.737	0.000	93	118496	20.0	20.7	
86 Ethyl methacrylate	69	8.800	8.800	0.000	85	86501	20.0	20.2	
87 1,1,2-Trichloroethane	83	8.999	8.999	0.000	91	51342	20.0	19.4	
88 Tetrachloroethene	166	9.098	9.098	0.000	97	91802	20.0	18.6	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	92	114485	20.0	20.1	
90 2-Hexanone	43	9.340	9.340	0.000	93	174517	100.0	97.2	
93 n-Butyl acetate	43	9.497	9.497	0.000	97	77920	20.0	19.5	
91 Chlorodibromomethane	129	9.539	9.539	0.000	95	80354	20.0	20.9	
92 Ethylene Dibromide	107	9.733	9.733	0.000	95	68839	20.0	20.1	
* 94 Chlorobenzene-d5	117	10.414	10.414	0.000	87	427094	50.0	50.0	
95 Chlorobenzene	112	10.456	10.456	0.000	94	209282	20.0	19.7	
97 Ethylbenzene	106	10.598	10.598	0.000	98	116456	20.0	19.8	
96 1,1,1,2-Tetrachloroethane	131	10.603	10.603	0.000	44	82588	20.0	20.1	
98 m-Xylene & p-Xylene	106	10.792	10.792	0.000	92	138340	20.0	19.5	
101 n-Butyl acrylate	73	11.390	11.390	0.000	97	50161	20.0	20.7	
99 o-Xylene	106	11.411	11.411	0.000	93	134621	20.0	19.6	
100 Styrene	104	11.442	11.442	0.000	93	219706	20.0	20.3	
102 Bromoform	173	11.704	11.704	0.000	81	52773	20.0	20.0	
103 Amyl acetate (mixed isomers)	43	11.710	11.710	0.000	92	90266	20.0	19.7	
104 Isopropylbenzene	105	11.904	11.904	0.000	96	331362	20.0	20.1	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	89	184804	50.0	49.1	
106 Bromobenzene	156	12.307	12.307	0.000	95	95050	20.0	20.1	
107 1,1,2,2-Tetrachloroethane	83	12.349	12.349	0.000	92	75616	20.0	20.3	
108 1,2,3-Trichloropropane	110	12.407	12.407	0.000	59	28536	20.0	19.6	
110 N-Propylbenzene	91	12.412	12.412	0.000	98	420926	20.0	20.6	
109 trans-1,4-Dichloro-2-butene	53	12.433	12.433	0.000	55	23706	20.0	18.5	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	96	303740	20.0	20.3	
112 4-Ethyltoluene	105	12.554	12.554	0.000	97	351867	20.0	20.6	
114 1,3,5-Trimethylbenzene	105	12.632	12.632	0.000	92	305764	20.0	20.4	
113 4-Chlorotoluene	91	12.664	12.664	0.000	98	297686	20.0	20.8	M
115 Butyl Methacrylate	87	12.748	12.748	0.000	87	88055	20.0	20.4	
116 tert-Butylbenzene	119	12.973	12.973	0.000	90	256067	20.0	20.0	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	97	311103	20.0	20.3	
118 sec-Butylbenzene	105	13.204	13.204	0.000	98	347173	20.0	20.3	
119 1,3-Dichlorobenzene	146	13.340	13.340	0.000	94	167007	20.0	19.9	
122 4-Isopropyltoluene	119	13.351	13.351	0.000	96	310925	20.0	20.5	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	96	248371	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.435	13.435	0.000	93	169000	20.0	19.6	
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	99	317158	20.0	20.5	
124 Benzyl chloride	91	13.576	13.576	0.000	99	164712	20.0	20.3	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	90	262537	20.0	20.5	
127 p-Diethylbenzene	119	13.723	13.723	0.000	92	178347	20.0	20.2	
128 n-Butylbenzene	92	13.744	13.744	0.000	98	148576	20.0	20.9	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	94	152147	20.0	19.8	
130 1,2,4,5-Tetramethylbenzene	119	14.425	14.425	0.000	96	267601	20.0	20.3	
129 1,2-Dibromo-3-Chloropropane	157	14.499	14.499	0.000	89	18424	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	14.640	14.640	0.000	97	106531	20.0	19.8	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	93	84275	20.0	18.4	
133 Hexachlorobutadiene	225	15.249	15.249	0.000	78	46481	20.0	18.8	
134 Naphthalene	128	15.348	15.348	0.000	99	194119	20.0	18.0	
135 1,2,3-Trichlorobenzene	180	15.547	15.547	0.000	95	71286	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.4	
S 137 Xylenes, Total	100				0		40.0	39.1	
S 140 Total BTEX	1				0		100.0	98.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00203	Amount Added:	20.00	Units: uL	
GASES Li_00637	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:09:20 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D

Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15

Lims ID: STD20

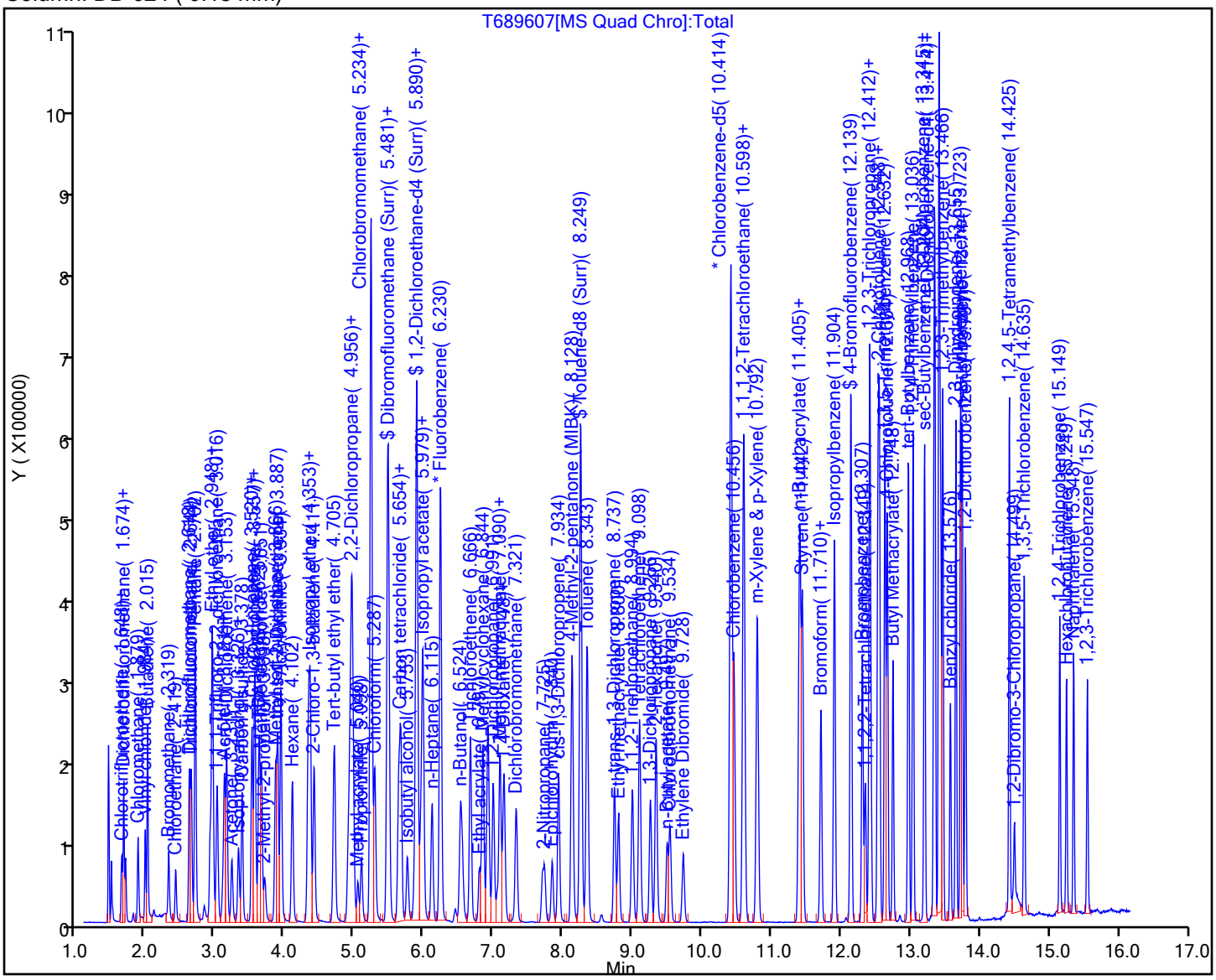
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

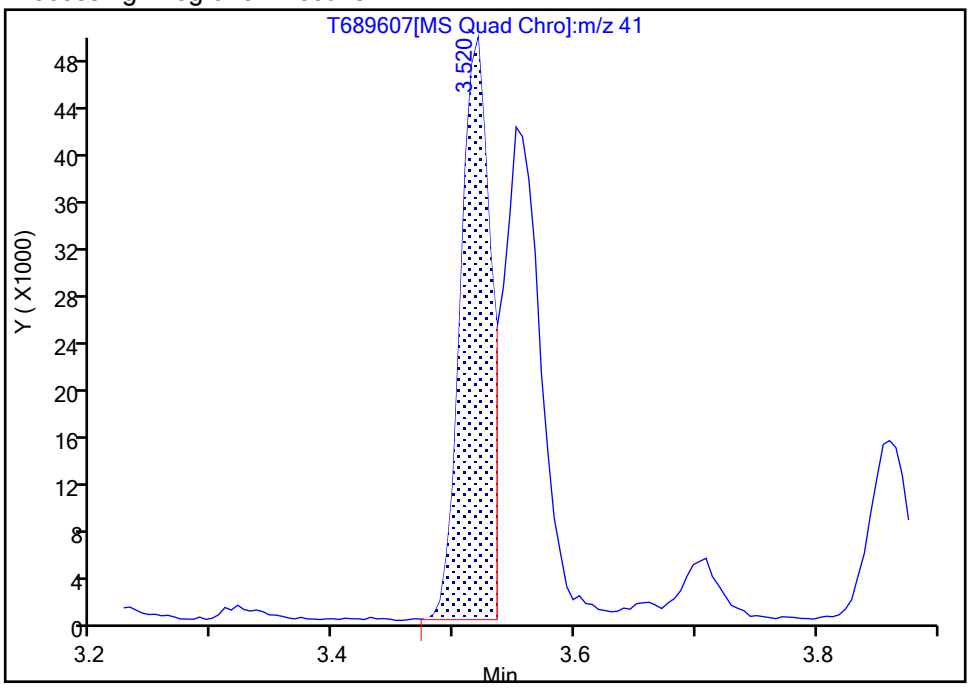
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

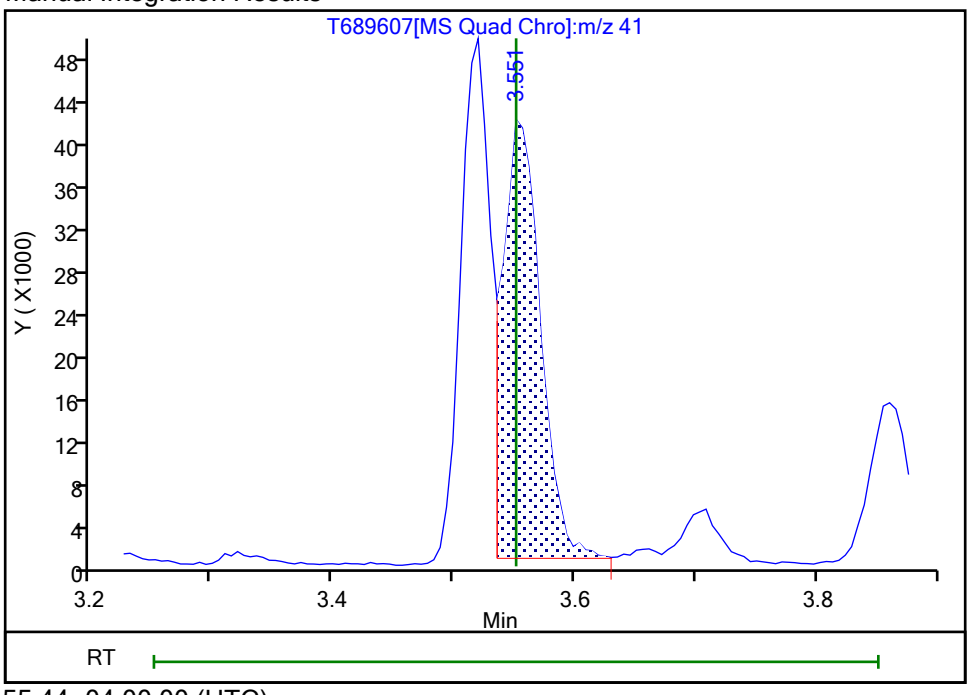
Processing Integration Results

RT: 3.52
Area: 87566
Amount: 234.9898
Amount Units: ug/l



Manual Integration Results

RT: 3.55
Area: 91299
Amount: 222.8438
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 05:55:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

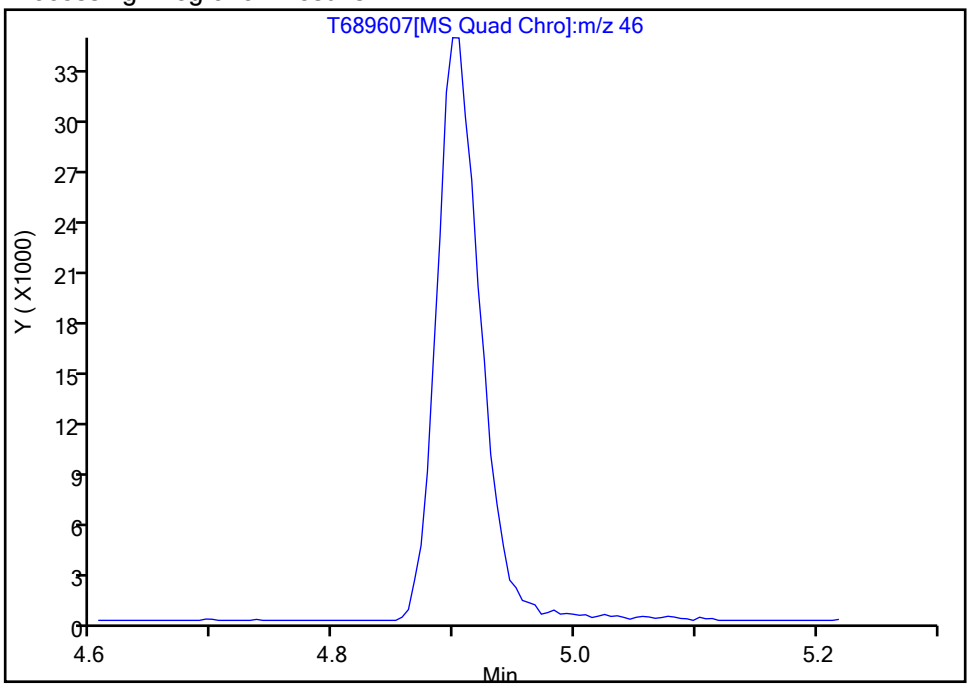
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

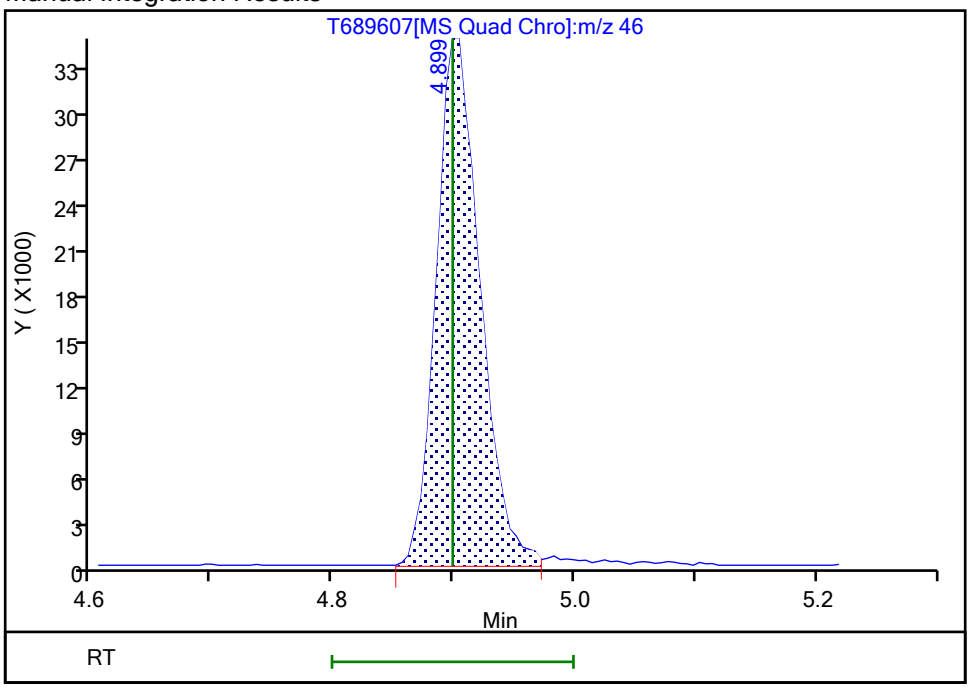
Not Detected
Expected RT: 4.90

Processing Integration Results



Manual Integration Results

RT: 4.90
Area: 87332
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 19-Apr-2025 12:26:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

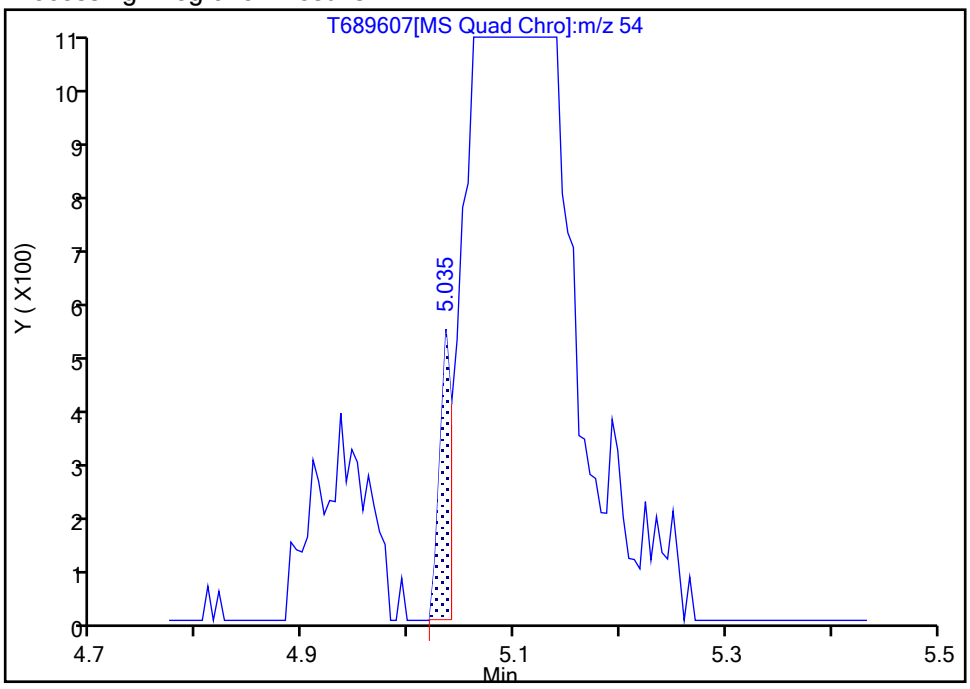
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

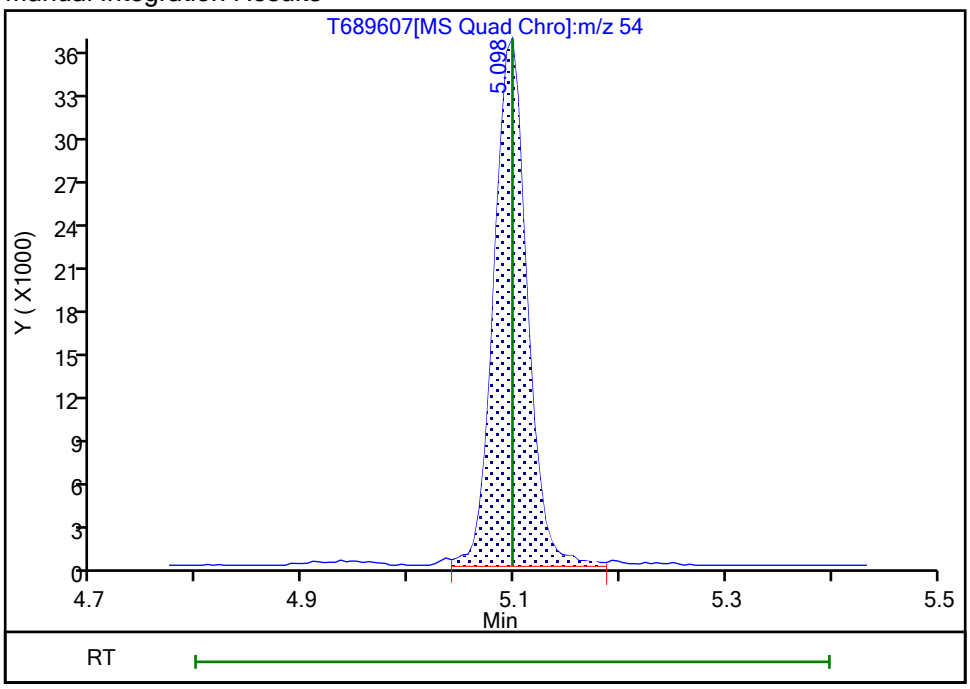
Processing Integration Results

RT: 5.04
Area: 406
Amount: 2.930920
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 79386
Amount: 198.2830
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 05:55:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

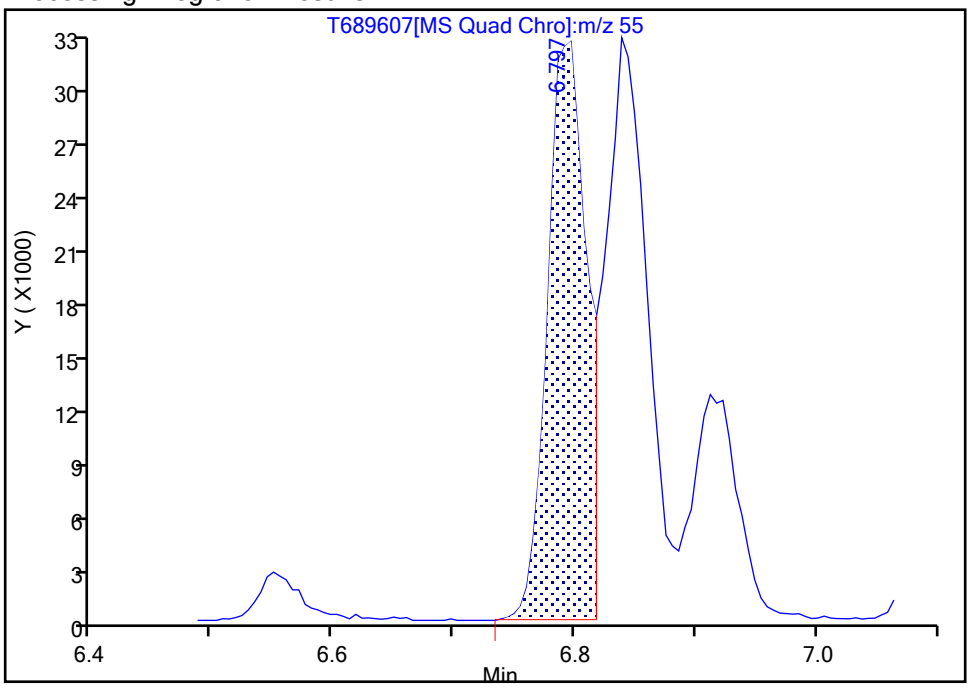
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

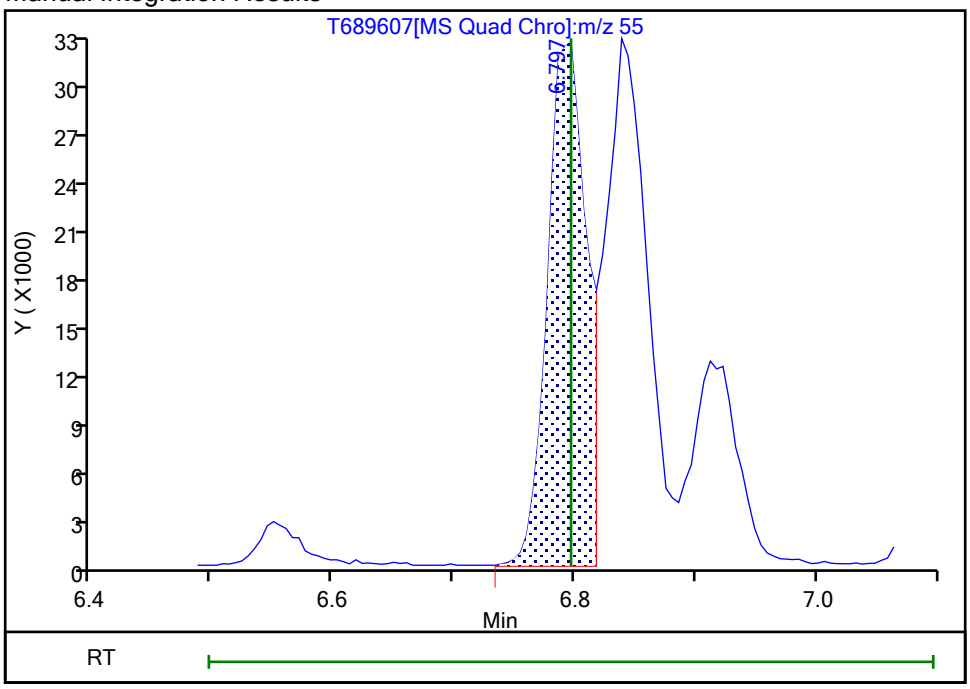
Processing Integration Results

RT: 6.80
Area: 74811
Amount: 18.798763
Amount Units: ug/l



Manual Integration Results

RT: 6.80
Area: 74811
Amount: 19.520623
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:15:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

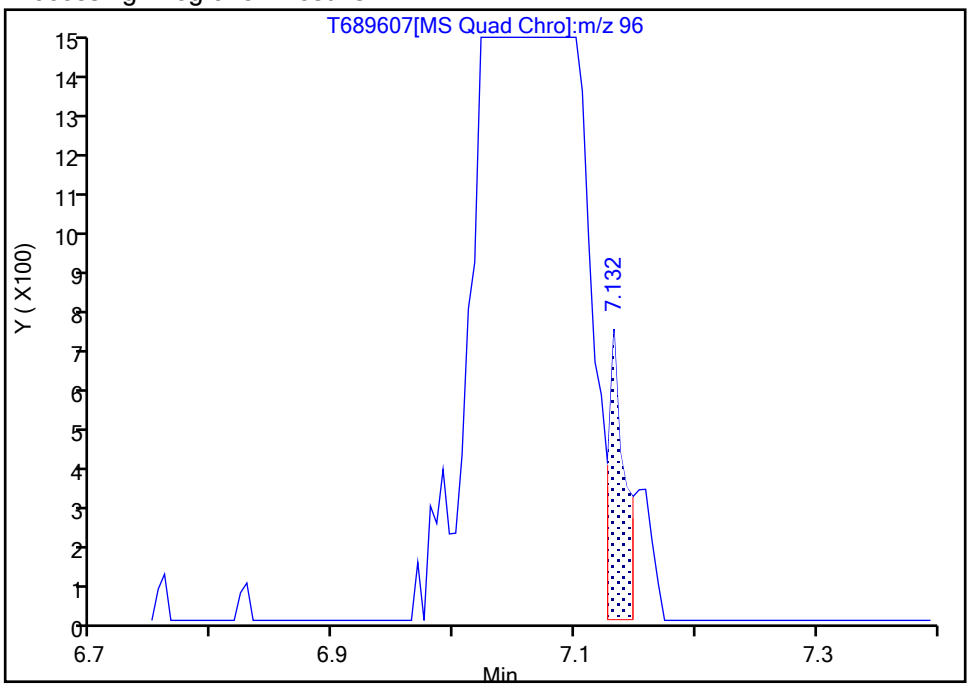
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

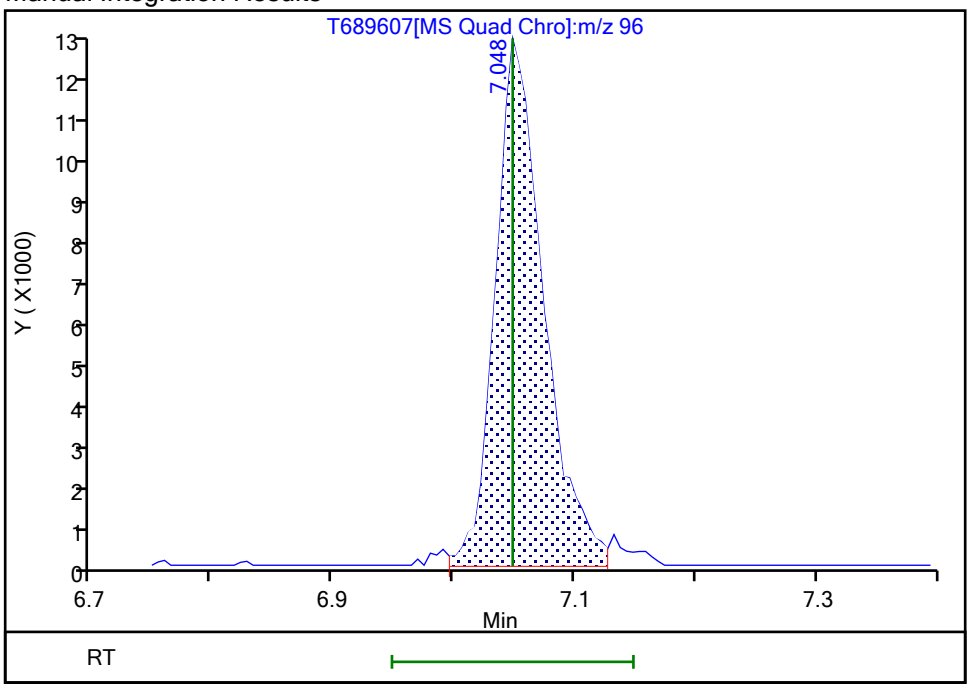
Processing Integration Results

RT: 7.13
Area: 676
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 7.05
Area: 34115
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 05:56:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

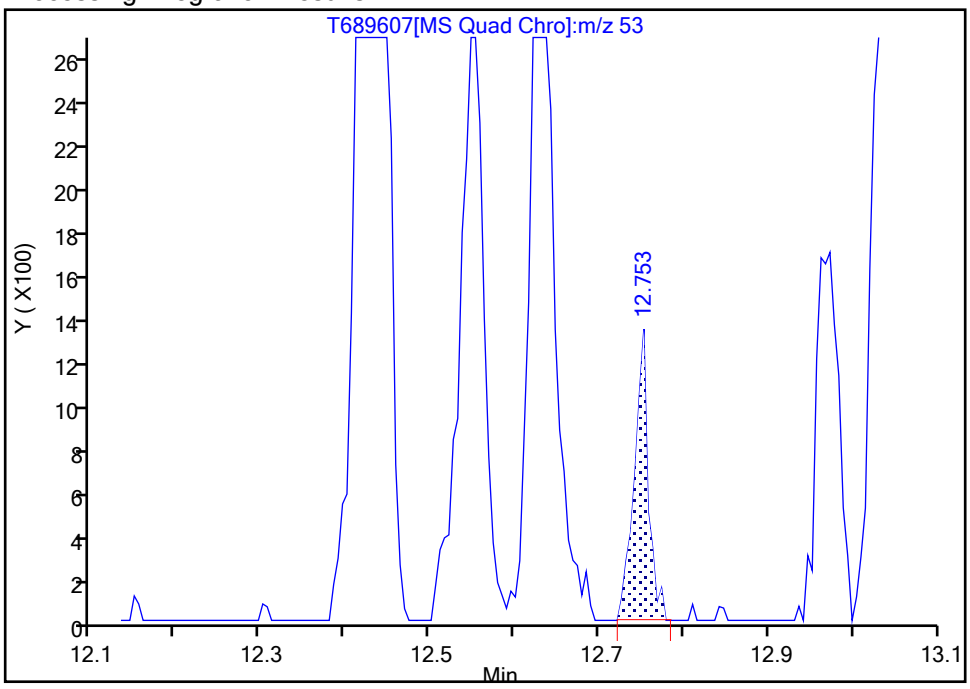
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

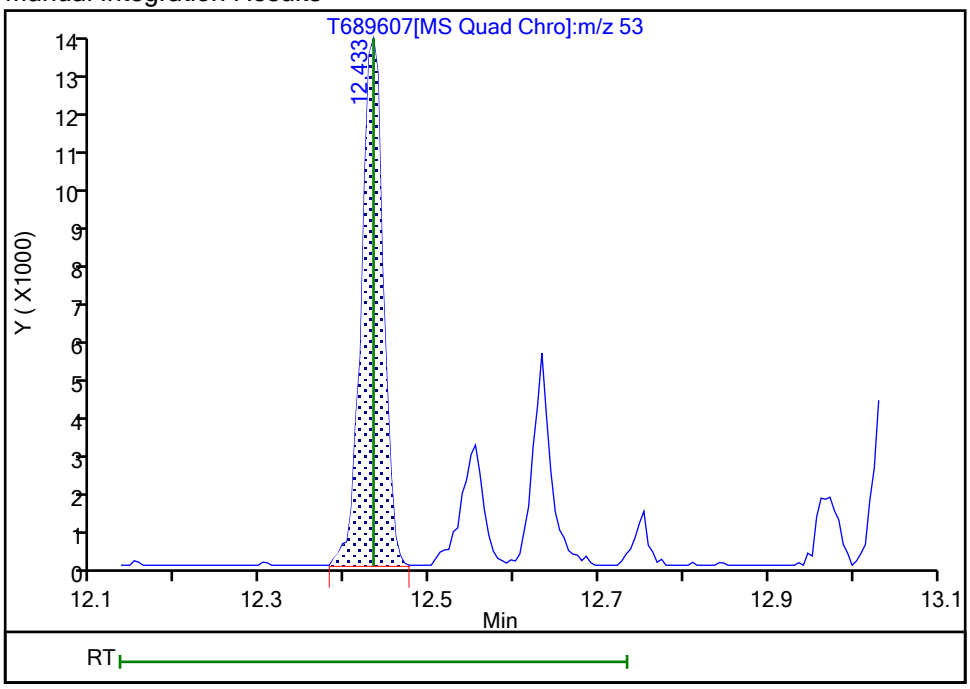
Processing Integration Results

RT: 12.75
Area: 1551
Amount: 6.497577
Amount Units: ug/l



Manual Integration Results

RT: 12.43
Area: 23706
Amount: 18.455431
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:00:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

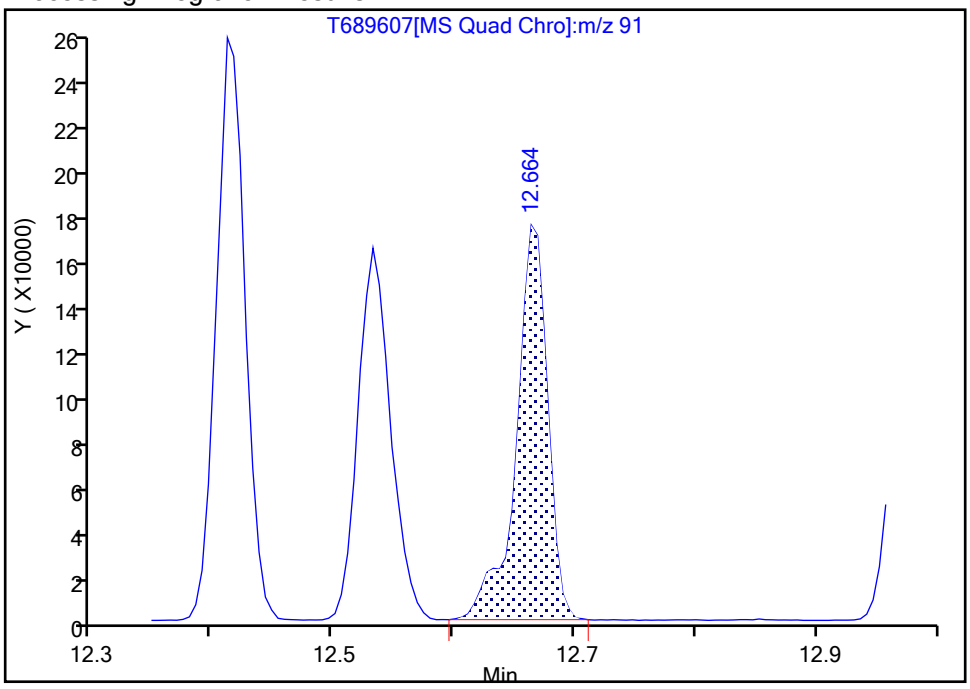
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689607.D
Injection Date: 19-Apr-2025 06:37:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

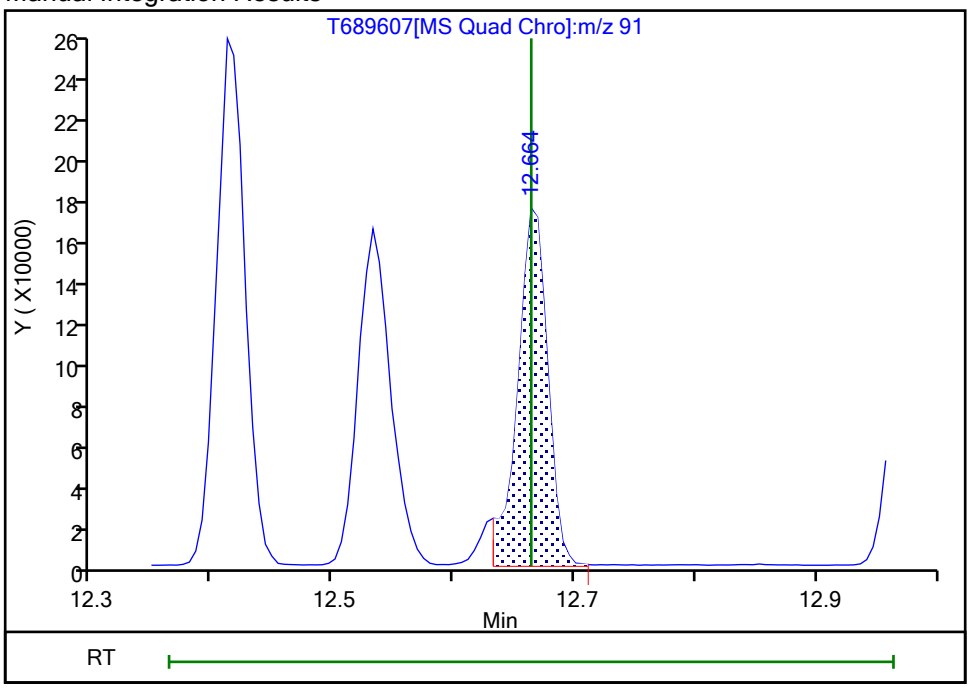
Processing Integration Results

RT: 12.66
Area: 312051
Amount: 20.415535
Amount Units: ug/l



Manual Integration Results

RT: 12.66
Area: 297686
Amount: 20.815991
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:16:46 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 19-Apr-2025 07:00:46 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0189481-009
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:09:29 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 08:52:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.512	1.512	0.000	87	4434	50.0	33.4	
3 Chlorotrifluoroethene	116	1.638	1.638	0.000	96	35328	50.0	45.3	
2 1,1-Difluoroethane	65	1.653	1.653	0.000	93	53410	50.0	44.9	
4 Dichlorodifluoromethane	85	1.674	1.674	0.000	99	236331	50.0	45.6	
5 Chlorodifluoromethane	67	1.701	1.700	0.001	97	33724	50.0	52.0	
6 Chloromethane	50	1.879	1.879	0.000	99	187158	50.0	44.7	
7 Vinyl chloride	62	1.984	1.984	0.000	98	173133	50.0	47.4	
8 Butadiene	54	2.015	2.015	0.000	95	159498	50.0	44.6	
9 Bromomethane	94	2.314	2.319	-0.005	98	107444	50.0	53.7	
10 Chloroethane	64	2.419	2.419	0.000	99	108921	50.0	48.5	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	99	351948	50.0	49.1	
12 Trichlorofluoromethane	101	2.644	2.644	0.000	99	342456	50.0	48.8	
13 Pentane	72	2.702	2.702	0.000	94	63474	100.0	100.4	
14 Ethanol	46	2.828	2.833	-0.005	98	22113	2000.0	2323.2	
15 Ethyl ether	59	2.917	2.917	0.000	93	129877	50.0	45.8	
17 2-Methyl-1,3-butadiene	53	2.943	2.943	0.000	87	149202	50.0	52.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.954	2.954	0.000	90	150067	50.0	48.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.017	3.016	0.001	96	211197	50.0	47.3	
19 Acrolein	56	3.095	3.095	0.000	96	43307	100.0	92.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.121	3.121	0.000	98	178393	50.0	51.4	
20 1,1-Dichloroethene	96	3.158	3.158	0.000	99	165753	50.0	49.8	
22 Acetone	43	3.232	3.231	0.001	86	204241	250.0	208.9	
25 Isopropyl alcohol	45	3.326	3.326	0.000	46	85481	500.0	502.5	
23 Iodomethane	142	3.326	3.326	0.000	97	203860	50.0	45.9	
24 Carbon disulfide	76	3.378	3.378	0.000	99	510991	50.0	49.2	
28 Methyl acetate	43	3.520	3.520	0.000	91	194604	100.0	94.8	
27 3-Chloro-1-propene	76	3.520	3.520	0.000	86	95420	50.0	52.1	
26 Acetonitrile	41	3.557	3.551	0.006	58	230405	500.0	488.4	a
29 Cyclopentene	67	3.562	3.562	0.000	91	466551	50.0	51.0	
* 31 TBA-d9 (IS)	66	3.620	3.619	0.001	99	46514	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.656	3.656	0.000	86	178304	50.0	50.2	
32 2-Methyl-2-propanol	59	3.703	3.703	0.000	98	155496	500.0	490.8	
35 Methyl tert-butyl ether	73	3.861	3.861	0.000	95	551984	50.0	52.6	
34 trans-1,2-Dichloroethene	96	3.887	3.892	-0.005	95	187379	50.0	50.4	
33 Acrylonitrile	53	3.934	3.934	0.000	93	503477	500.0	505.7	
36 Hexane	57	4.102	4.102	0.000	91	205270	50.0	51.2	
40 Isopropyl ether	45	4.327	4.327	0.000	93	475245	50.0	53.0	
37 1,1-Dichloroethane	63	4.348	4.348	0.000	81	328968	50.0	50.7	
38 Vinyl acetate	86	4.359	4.359	0.000	99	77138	100.0	101.2	
39 2-Chloro-1,3-butadiene	88	4.411	4.416	-0.005	92	166032	50.0	51.0	
41 Tert-butyl ethyl ether	59	4.705	4.705	0.000	90	546632	50.0	52.8	
* 42 2-Butanone-d5	46	4.899	4.899	0.000	72	107528	250.0	250.0	
44 2,2-Dichloropropane	97	4.946	4.946	0.000	87	69111	50.0	51.2	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	77	207988	50.0	50.7	
45 2-Butanone (MEK)	72	4.967	4.962	0.005	98	94182	250.0	241.1	
47 Ethyl acetate	70	4.977	4.983	-0.006	94	40093	100.0	100.1	
48 Methyl acrylate	55	5.046	5.040	0.006	99	130664	50.0	47.6	
46 Propionitrile	54	5.098	5.098	0.000	97	197513	500.0	493.4	a
49 Chlorobromomethane	128	5.224	5.224	0.000	52	94337	50.0	50.4	
51 Tetrahydrofuran	72	5.234	5.229	0.005	28	40115	100.0	97.4	
50 Methacrylonitrile	67	5.234	5.234	0.000	91	688463	500.0	537.0	
52 Chloroform	83	5.287	5.287	0.000	100	374282	50.0	49.9	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.470	0.000	65	151934	50.0	49.5	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	94	376021	50.0	51.0	
55 Cyclohexane	84	5.486	5.481	0.005	83	273372	50.0	51.4	
56 Carbon tetrachloride	117	5.633	5.633	0.000	99	325873	50.0	52.0	
57 1,1-Dichloropropene	75	5.664	5.659	0.005	97	286168	50.0	51.2	
59 Isobutyl alcohol	43	5.759	5.753	0.006	99	133450	1250.0	1260.6	
60 Benzene	78	5.895	5.890	0.005	97	726065	50.0	50.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.890	5.890	0.000	54	191908	50.0	48.8	
62 Isooctane	57	5.890	5.895	-0.005	62	395127	50.0	52.8	
63 Isopropyl acetate	61	5.947	5.947	0.000	97	85633	50.0	50.6	
61 1,2-Dichloroethane	62	5.979	5.979	0.000	78	299029	50.0	46.8	
64 Tert-amyl methyl ether	73	5.979	5.979	0.000	97	534351	50.0	53.7	
66 n-Heptane	43	6.110	6.115	-0.005	87	152981	50.0	47.7	
* 65 Fluorobenzene	96	6.236	6.236	0.000	99	531363	50.0	50.0	
68 n-Butanol	56	6.556	6.550	0.006	88	92359	1250.0	1222.9	
67 Trichloroethene	95	6.661	6.666	-0.006	99	213633	50.0	49.2	
69 Ethyl acrylate	55	6.797	6.797	0.000	99	199179	50.0	52.0	
70 Methylcyclohexane	83	6.844	6.844	0.000	94	283884	50.0	50.9	
71 1,2-Dichloropropane	63	6.996	6.996	0.000	87	170760	50.0	49.1	
* 73 1,4-Dioxane-d8	96	7.059	7.048	0.011	1	34561	1000.0	1000.0	a
75 Methyl methacrylate	100	7.090	7.090	0.000	85	87031	100.0	102.3	
74 1,4-Dioxane	88	7.127	7.122	0.005	58	41426	1000.0	1033.8	
72 Dibromomethane	93	7.143	7.143	0.000	93	124171	50.0	50.8	
76 n-Propyl acetate	43	7.153	7.153	0.000	96	192933	50.0	45.6	
77 Dichlorobromomethane	83	7.326	7.321	0.005	98	280268	50.0	50.1	
78 2-Nitropropane	41	7.704	7.699	0.005	95	96150	100.0	96.6	
80 Epichlorohydrin	57	7.840	7.840	0.000	99	210658	1000.0	1054.4	
81 cis-1,3-Dichloropropene	75	7.935	7.934	0.001	92	333151	50.0	53.5	
82 4-Methyl-2-pentanone (MIBK)	43	8.129	8.128	0.001	94	634719	250.0	251.2	
$ 83 Toluene-d8 (Surr)	98	8.249	8.254	-0.005	98	525245	50.0	50.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.344	8.343	0.001	93	814335	50.0	50.7	
85 trans-1,3-Dichloropropene	75	8.742	8.737	0.005	95	310736	50.0	54.4	
86 Ethyl methacrylate	69	8.800	8.800	0.000	86	223186	50.0	52.0	
87 1,1,2-Trichloroethane	83	8.999	8.999	0.000	92	135070	50.0	51.2	
88 Tetrachloroethene	166	9.104	9.098	0.006	97	236740	50.0	48.1	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	92	293289	50.0	51.6	
90 2-Hexanone	43	9.340	9.340	0.000	94	438594	250.0	244.3	
93 n-Butyl acetate	43	9.497	9.497	0.000	98	202874	50.0	50.8	
91 Chlorodibromomethane	129	9.539	9.539	0.000	97	214453	50.0	55.9	
92 Ethylene Dibromide	107	9.728	9.733	-0.005	97	176826	50.0	51.6	
* 94 Chlorobenzene-d5	117	10.415	10.414	0.001	86	426729	50.0	50.0	
95 Chlorobenzene	112	10.462	10.456	0.006	93	539642	50.0	50.8	
97 Ethylbenzene	106	10.598	10.598	0.000	98	299700	50.0	51.0	
96 1,1,1,2-Tetrachloroethane	131	10.603	10.603	0.000	44	220520	50.0	53.7	
98 m-Xylene & p-Xylene	106	10.797	10.792	0.005	92	360771	50.0	50.9	
101 n-Butyl acrylate	73	11.390	11.390	0.000	97	125744	50.0	52.0	
99 o-Xylene	106	11.411	11.411	0.000	93	354000	50.0	51.7	
100 Styrene	104	11.442	11.442	0.000	93	573177	50.0	53.1	
102 Bromoform	173	11.704	11.704	0.000	79	142557	50.0	54.1	
103 Amyl acetate (mixed isomers)	43	11.715	11.710	0.005	91	235621	50.0	51.0	
104 Isopropylbenzene	105	11.904	11.904	0.000	96	842348	50.0	51.1	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	91	184940	50.0	49.2	
106 Bromobenzene	156	12.307	12.307	0.000	97	242540	50.0	50.9	
107 1,1,2,2-Tetrachloroethane	83	12.349	12.349	0.000	96	194814	50.0	51.8	
108 1,2,3-Trichloropropane	110	12.407	12.407	0.000	58	73653	50.0	50.2	
110 N-Propylbenzene	91	12.417	12.412	0.005	99	1089042	50.0	53.0	
109 trans-1,4-Dichloro-2-butene	53	12.433	12.433	0.000	57	64249	50.0	49.7	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	96	787593	50.0	52.2	
112 4-Ethyltoluene	105	12.554	12.554	0.000	97	905466	50.0	52.6	
114 1,3,5-Trimethylbenzene	105	12.632	12.632	0.000	91	783884	50.0	51.9	a
113 4-Chlorotoluene	91	12.664	12.664	0.000	98	741873	50.0	51.5	M
115 Butyl Methacrylate	87	12.748	12.748	0.000	87	229919	50.0	53.0	
116 tert-Butylbenzene	119	12.973	12.973	0.000	91	652557	50.0	50.6	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	98	797066	50.0	51.7	
118 sec-Butylbenzene	105	13.204	13.204	0.000	98	897651	50.0	52.2	
119 1,3-Dichlorobenzene	146	13.340	13.340	0.000	94	433623	50.0	51.4	
122 4-Isopropyltoluene	119	13.351	13.351	0.000	94	799349	50.0	52.3	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	96	250108	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.435	13.435	0.000	93	430487	50.0	49.6	
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	99	807319	50.0	51.8	
124 Benzyl chloride	91	13.576	13.576	0.000	99	434413	50.0	53.2	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	93	661826	50.0	51.3	
127 p-Diethylbenzene	119	13.723	13.723	0.000	91	451783	50.0	50.8	
128 n-Butylbenzene	92	13.744	13.744	0.000	98	378407	50.0	52.7	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	94	385734	50.0	49.7	
130 1,2,4,5-Tetramethylbenzene	119	14.426	14.425	0.001	96	691256	50.0	52.0	
129 1,2-Dibromo-3-Chloropropane	157	14.499	14.499	0.000	97	46816	50.0	53.1	
131 1,3,5-Trichlorobenzene	180	14.641	14.640	0.001	97	276934	50.0	51.2	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	94	223864	50.0	48.6	
133 Hexachlorobutadiene	225	15.249	15.249	0.000	80	121198	50.0	48.7	
134 Naphthalene	128	15.348	15.348	0.000	98	512494	50.0	47.2	
135 1,2,3-Trichlorobenzene	180	15.548	15.547	0.001	95	183448	50.0	47.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		100.0	101.1	
S 137 Xylenes, Total	100				0		100.0	102.5	
S 140 Total BTEX	1				0		250.0	255.0	
S 139 1,3-Dichloropropene, Total	1				0		100.0	107.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00203	Amount Added:	50.00	Units: uL	
GASES Li_00637	Amount Added:	50.00	Units: uL	
524FREONS_00033	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:09:30 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D

Injection Date: 19-Apr-2025 07:00:46 Instrument ID: CVOAMS15

Lims ID: STD50

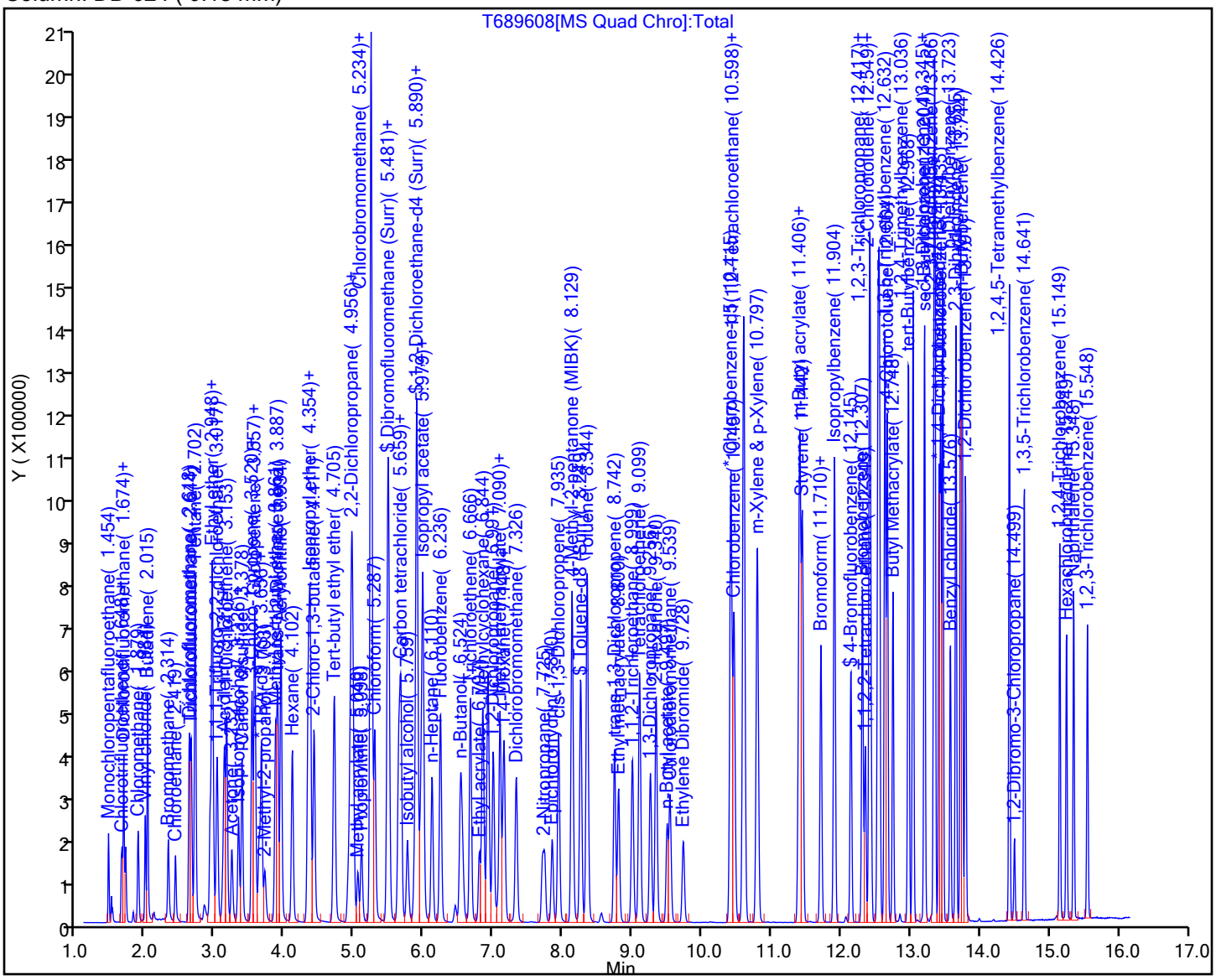
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

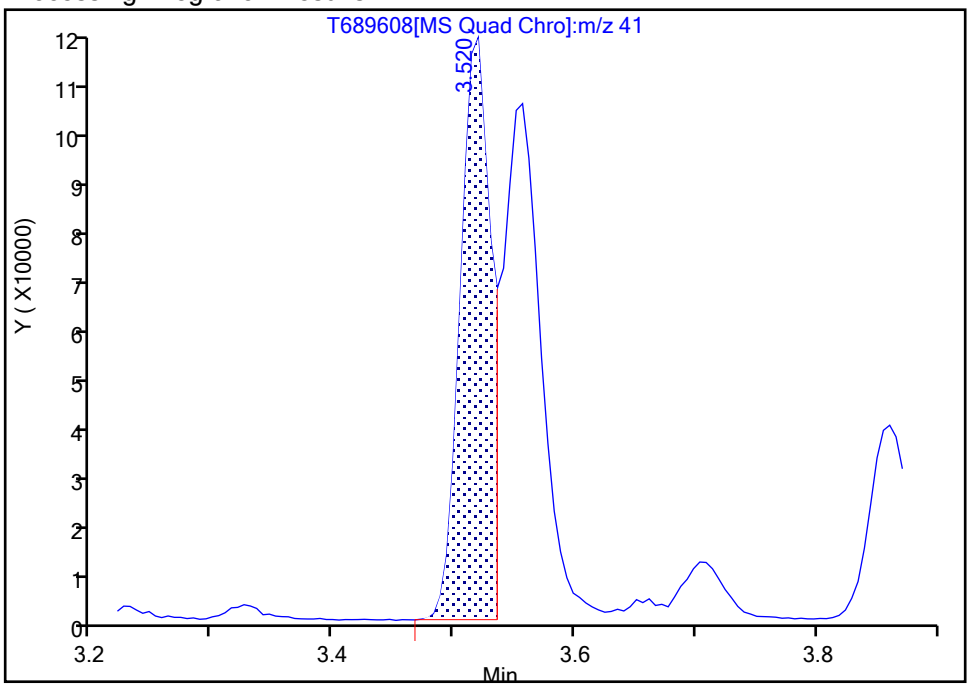
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D
Injection Date: 19-Apr-2025 07:00:46 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

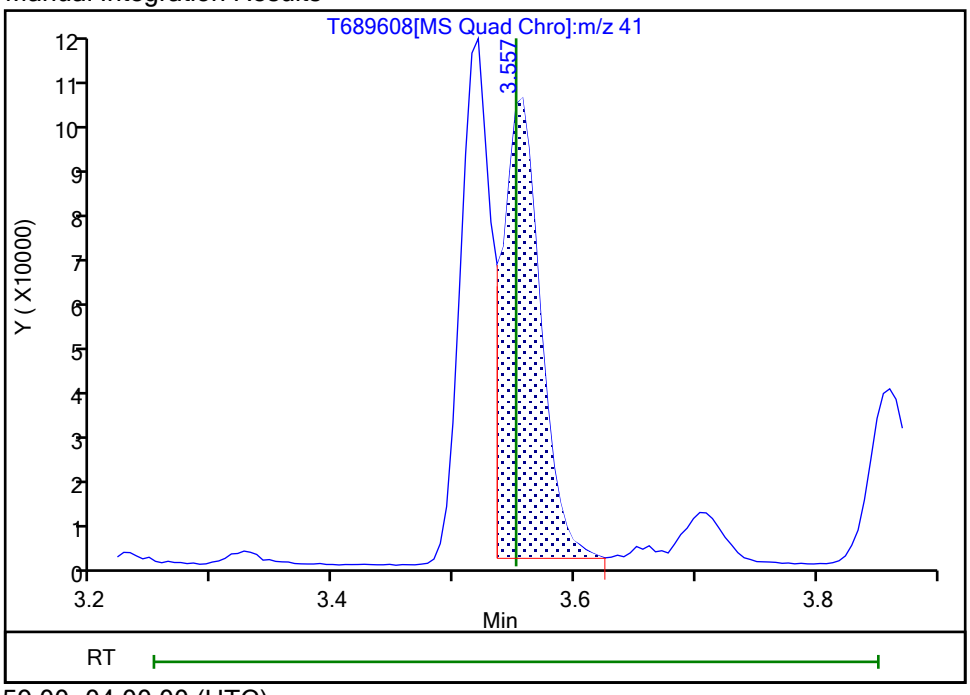
Processing Integration Results

RT: 3.52
Area: 214516
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 3.56
Area: 230405
Amount: 488.4057
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 05:59:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

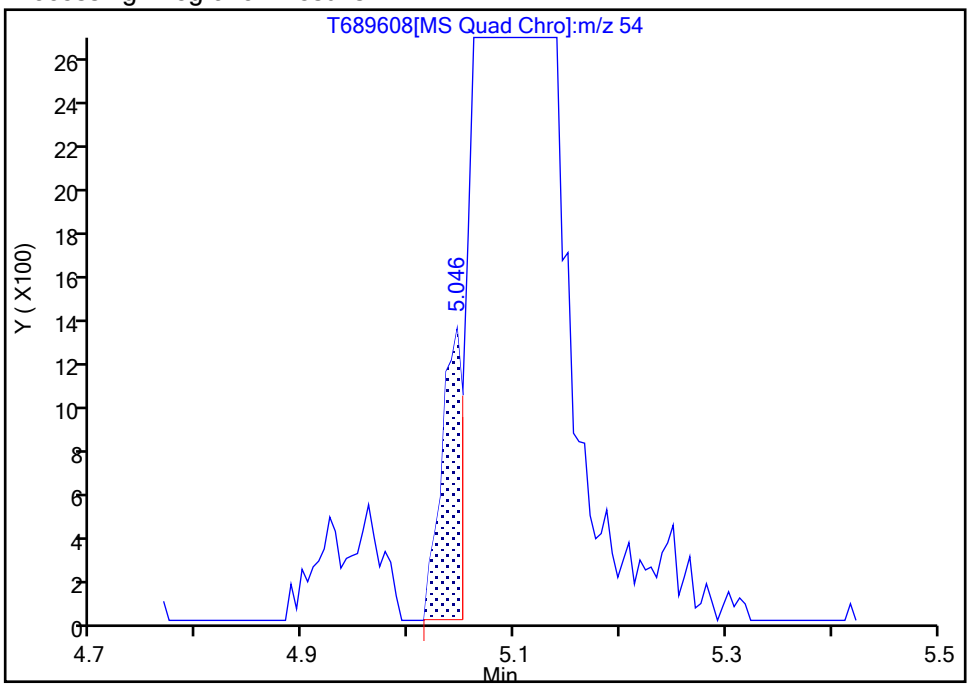
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D
Injection Date: 19-Apr-2025 07:00:46 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

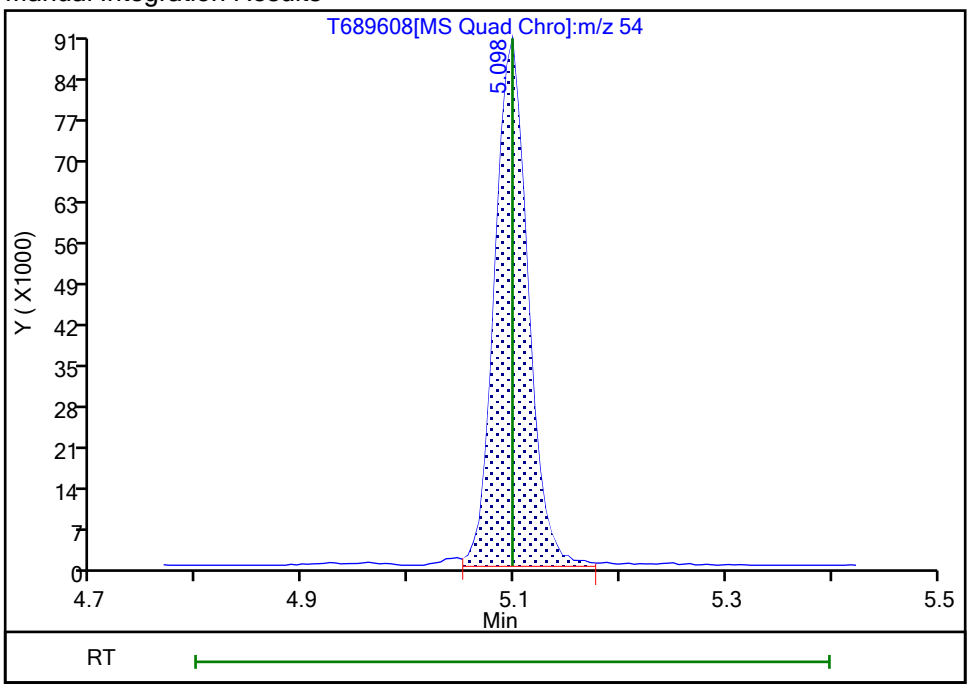
Processing Integration Results

RT: 5.05
Area: 1836
Amount: 9.419155
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 197513
Amount: 493.3686
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 05:59:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

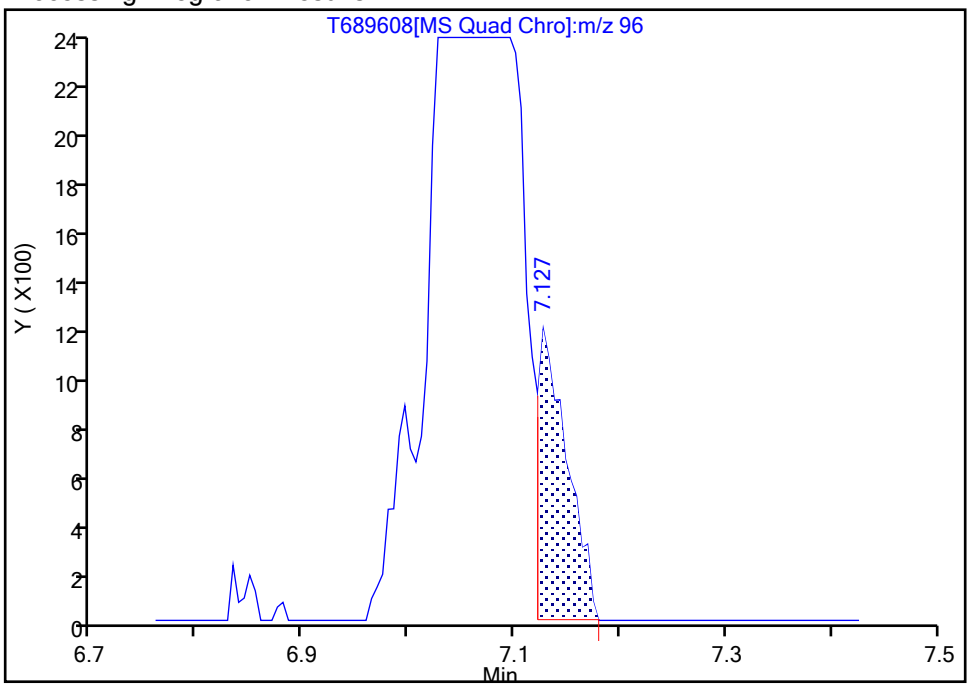
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D
Injection Date: 19-Apr-2025 07:00:46 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

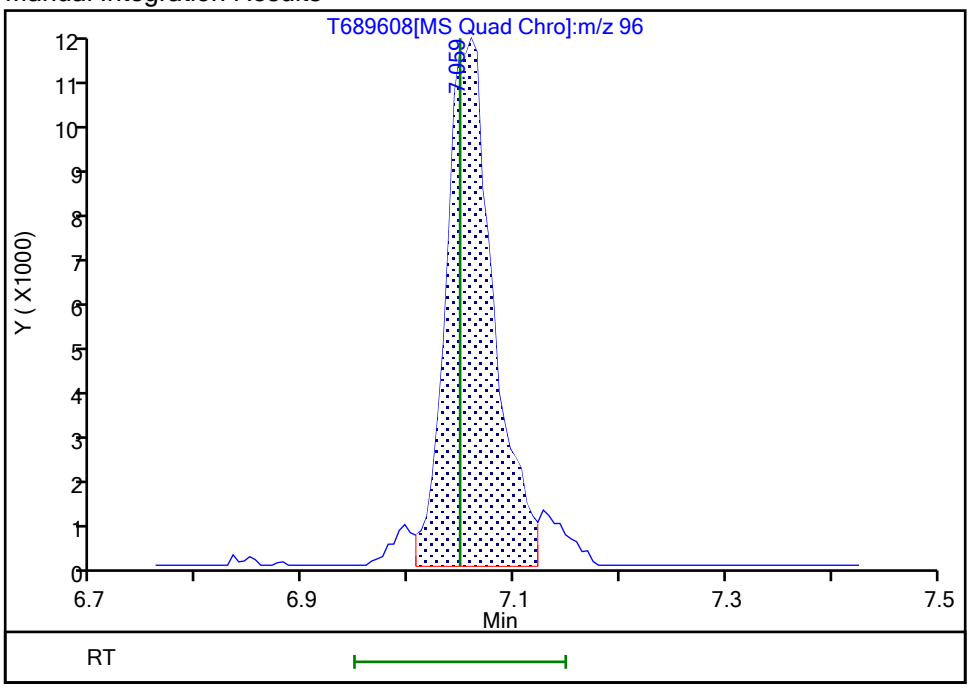
Processing Integration Results

RT: 7.13
Area: 2275
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 7.06
Area: 34561
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 05:59:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

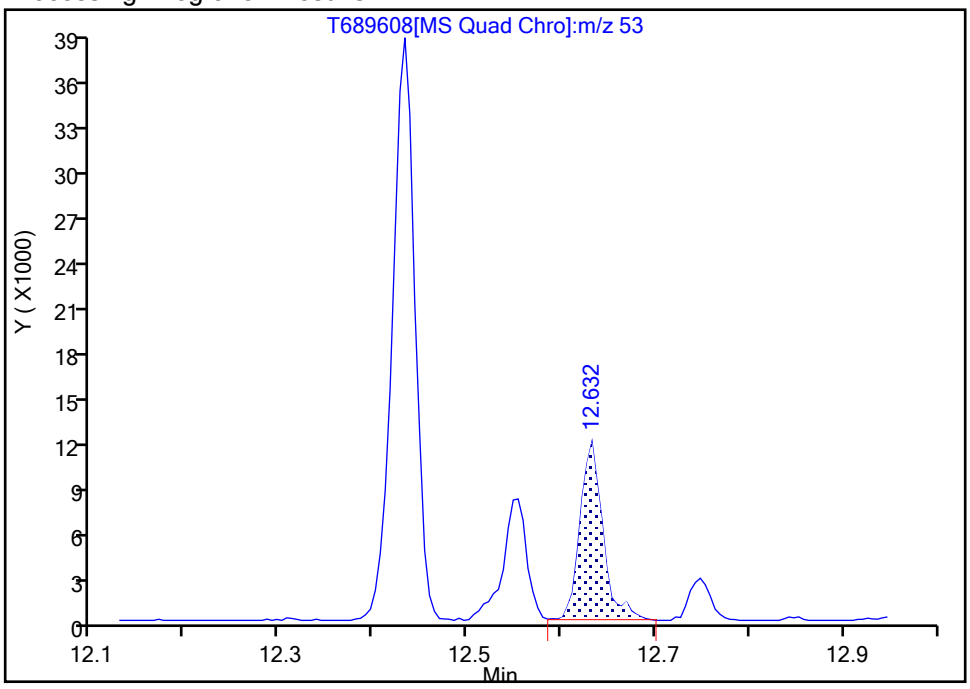
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D
Injection Date: 19-Apr-2025 07:00:46 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

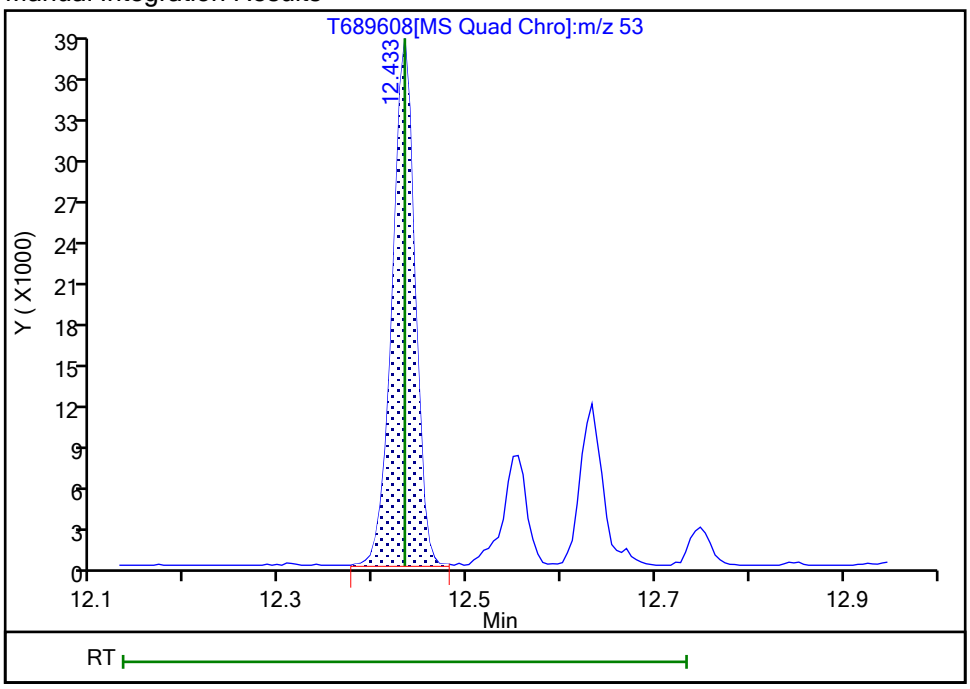
Processing Integration Results

RT: 12.63
Area: 20009
Amount: 46.937535
Amount Units: ug/l



Manual Integration Results

RT: 12.43
Area: 64249
Amount: 49.671308
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:00:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

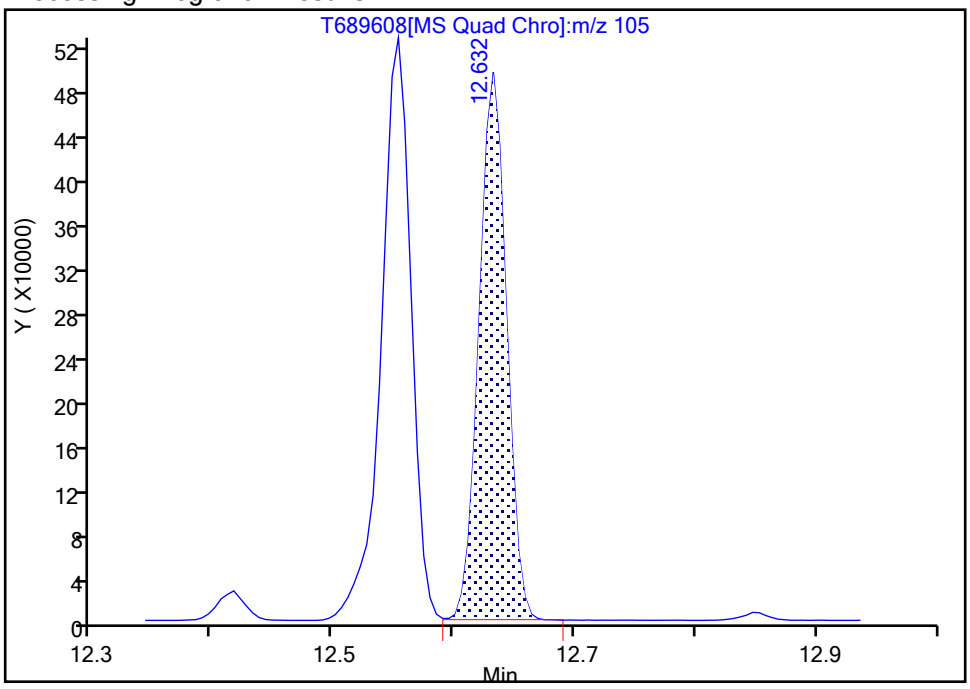
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D
Injection Date: 19-Apr-2025 07:00:46 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

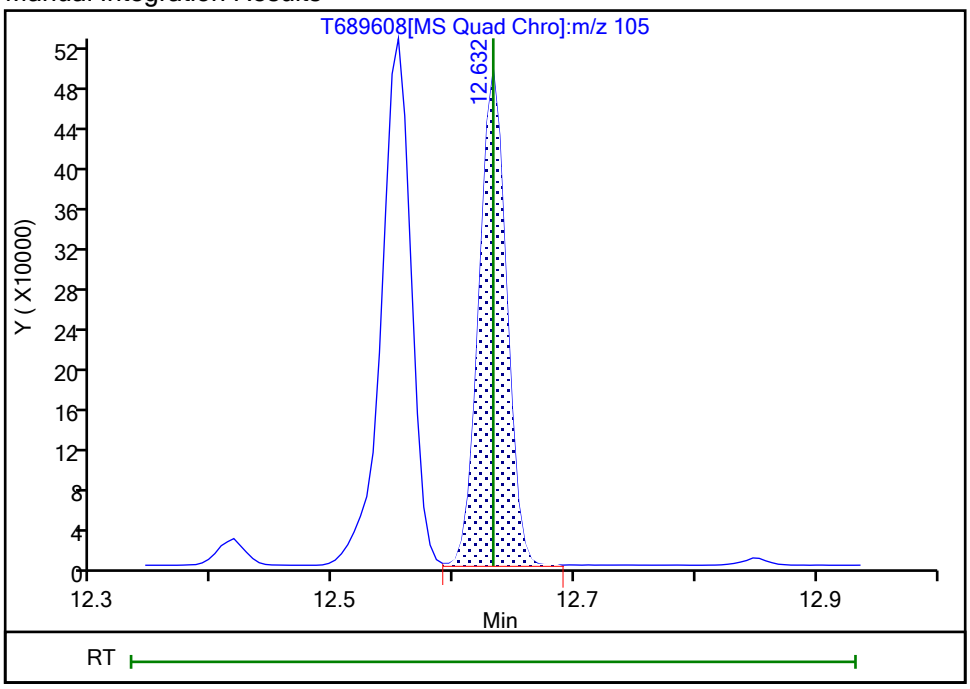
Processing Integration Results

RT: 12.63
Area: 783884
Amount: 50.984189
Amount Units: ug/l



Manual Integration Results

RT: 12.63
Area: 783884
Amount: 51.853920
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 05:59:46 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

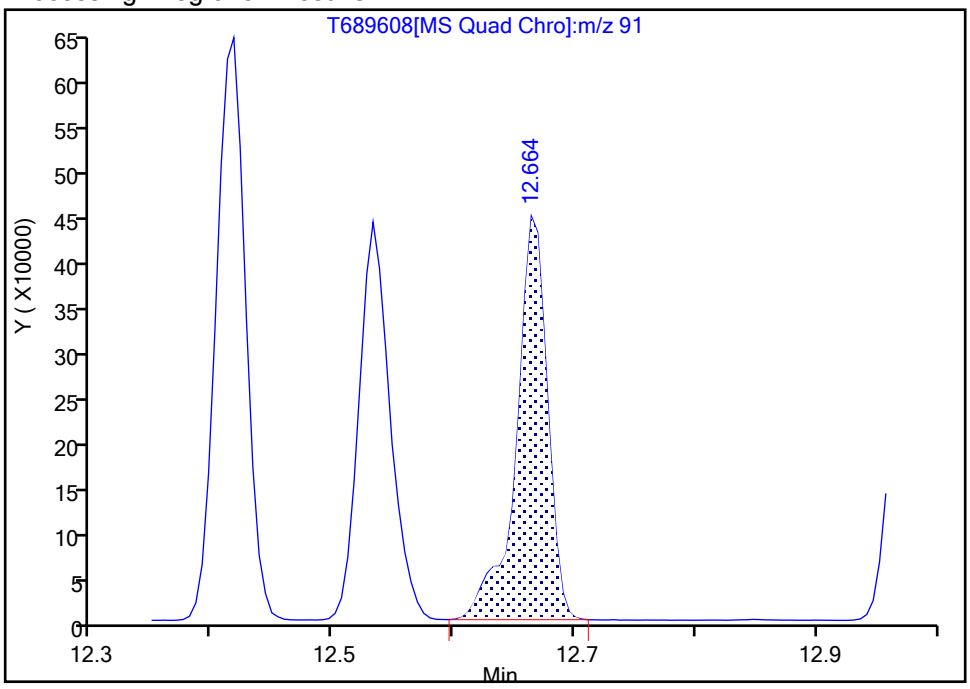
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689608.D
Injection Date: 19-Apr-2025 07:00:46 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

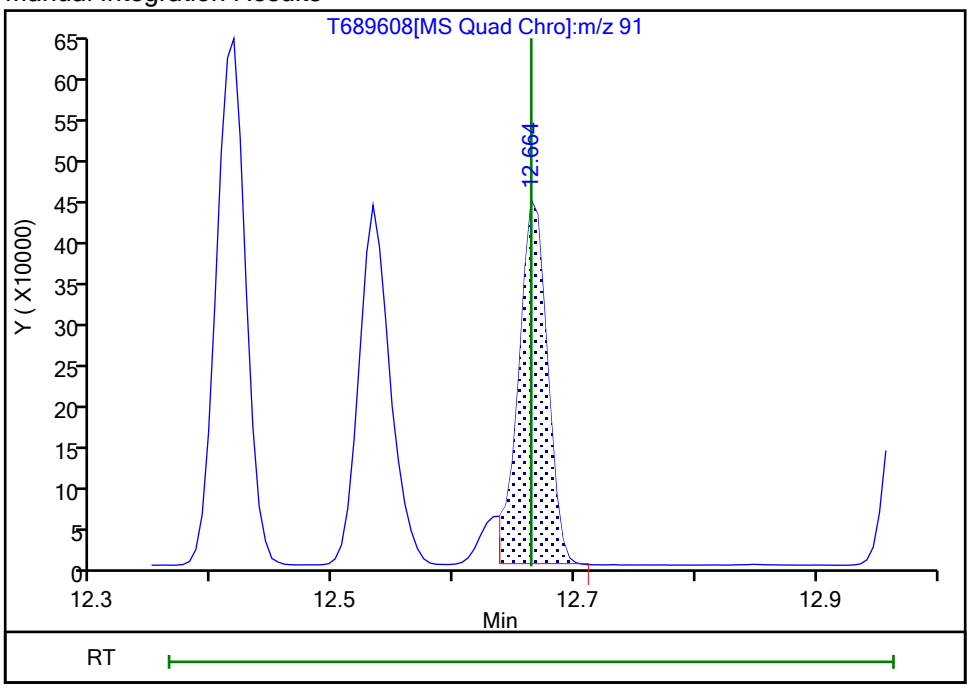
Processing Integration Results

RT: 12.66
Area: 798029
Amount: 52.724629
Amount Units: ug/l



Manual Integration Results

RT: 12.66
Area: 741873
Amount: 51.515929
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:20:16 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689609.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 19-Apr-2025 07:23:45 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0189481-010
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:09:39 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 08:56:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.517	1.512	0.005	88	36347	200.0	269.0	
3 Chlorotrifluoroethene	116	1.638	1.638	0.000	96	202666	200.0	255.2	
2 1,1-Difluoroethane	65	1.654	1.653	0.001	92	260622	200.0	201.9	
4 Dichlorodifluoromethane	85	1.675	1.674	0.001	99	1219947	200.0	231.3	
5 Chlorodifluoromethane	67	1.701	1.700	0.001	96	152022	200.0	210.4	
6 Chloromethane	50	1.879	1.879	0.000	99	864414	200.0	202.6	
7 Vinyl chloride	62	1.984	1.984	0.000	99	733423	200.0	197.5	
8 Butadiene	54	2.015	2.015	0.000	95	689210	200.0	189.4	
9 Bromomethane	94	2.319	2.319	0.000	98	483882	200.0	197.3	
10 Chloroethane	64	2.419	2.419	0.000	99	454451	200.0	198.9	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	99	1470528	200.0	201.6	
12 Trichlorofluoromethane	101	2.644	2.644	0.000	99	1488737	200.0	208.5	
13 Pentane	72	2.702	2.702	0.000	93	266110	400.0	413.5	
14 Ethanol	46	2.833	2.833	0.000	98	83355	8000.0	7855.3	
15 Ethyl ether	59	2.917	2.917	0.000	93	539375	200.0	187.0	
17 2-Methyl-1,3-butadiene	53	2.943	2.943	0.000	89	594732	200.0	204.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.959	2.954	0.005	95	625410	200.0	197.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.022	3.016	0.006	95	883871	200.0	194.6	
19 Acrolein	56	3.095	3.095	0.000	97	93917	200.0	197.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.122	3.121	0.001	96	737316	200.0	208.5	
20 1,1-Dichloroethene	96	3.158	3.158	0.000	98	673298	200.0	198.8	
22 Acetone	43	3.232	3.231	0.001	86	956790	1000.0	1020.0	
25 Isopropyl alcohol	45	3.321	3.326	-0.005	50	367565	2000.0	1938.3	
23 Iodomethane	142	3.326	3.326	0.000	97	872270	200.0	202.7	
24 Carbon disulfide	76	3.379	3.378	0.001	99	2117365	200.0	200.3	
28 Methyl acetate	43	3.525	3.520	0.005	96	808861	400.0	387.0	
27 3-Chloro-1-propene	76	3.520	3.520	0.000	87	338276	200.0	181.4	
26 Acetonitrile	41	3.557	3.551	0.006	59	928609	2000.0	2004.9	
29 Cyclopentene	67	3.562	3.562	0.000	91	1829678	200.0	196.6	
* 31 TBA-d9 (IS)	66	3.630	3.619	0.011	97	51855	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.656	3.656	0.000	85	736904	200.0	204.0	
32 2-Methyl-2-propanol	59	3.709	3.703	0.006	99	682889	2000.0	1933.4	
35 Methyl tert-butyl ether	73	3.861	3.861	0.000	95	2321701	200.0	217.4	
34 trans-1,2-Dichloroethene	96	3.892	3.892	0.000	95	760317	200.0	200.8	
33 Acrylonitrile	53	3.940	3.934	0.006	92	2172172	2000.0	2143.3	
36 Hexane	57	4.102	4.102	0.000	91	891527	200.0	218.4	
40 Isopropyl ether	45	4.328	4.327	0.001	92	1915337	200.0	209.8	
37 1,1-Dichloroethane	63	4.354	4.348	0.006	72	1343921	200.0	203.3	
38 Vinyl acetate	86	4.364	4.359	0.005	99	328017	400.0	264.8	
39 2-Chloro-1,3-butadiene	88	4.417	4.416	0.001	92	642162	200.0	193.6	
41 Tert-butyl ethyl ether	59	4.705	4.705	0.000	90	2235401	200.0	212.1	
* 42 2-Butanone-d5	46	4.904	4.899	0.005	88	174725	250.0	250.0	
44 2,2-Dichloropropane	97	4.946	4.946	0.000	90	291416	200.0	212.1	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	75	855121	200.0	204.9	
45 2-Butanone (MEK)	72	4.962	4.962	0.000	100	421524	1000.0	1075.3	
47 Ethyl acetate	70	4.983	4.983	0.000	95	168069	400.0	258.4	
48 Methyl acrylate	55	5.046	5.040	0.006	99	541839	200.0	194.1	
46 Propionitrile	54	5.098	5.098	0.000	97	839748	2000.0	2060.8	a
49 Chlorobromomethane	128	5.224	5.224	0.000	54	379138	200.0	199.2	
51 Tetrahydrofuran	72	5.235	5.229	0.006	28	167127	400.0	400.8	
50 Methacrylonitrile	67	5.240	5.234	0.006	91	2778505	2000.0	2129.3	
52 Chloroform	83	5.287	5.287	0.000	100	1521381	200.0	199.2	
$ 53 Dibromofluoromethane (Surr)	113	5.471	5.470	0.001	37	152919	50.0	48.9	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	96	1561375	200.0	207.9	
55 Cyclohexane	84	5.486	5.481	0.005	83	1162798	200.0	214.7	
56 Carbon tetrachloride	117	5.633	5.633	0.000	98	1373402	200.0	215.2	
57 1,1-Dichloropropene	75	5.665	5.659	0.006	98	1156437	200.0	203.2	
59 Isobutyl alcohol	43	5.759	5.753	0.006	99	586742	5000.0	4999.1	
60 Benzene	78	5.895	5.890	0.005	96	2991829	200.0	199.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.885	5.890	-0.005	43	207769	50.0	51.9	
62 Isooctane	57	5.895	5.895	0.000	62	1634500	200.0	214.7	
63 Isopropyl acetate	61	5.953	5.947	0.006	96	357961	200.0	207.8	
61 1,2-Dichloroethane	62	5.979	5.979	0.000	79	1249486	200.0	192.2	
64 Tert-amyl methyl ether	73	5.979	5.979	0.000	97	2199817	200.0	217.1	
66 n-Heptane	43	6.110	6.115	-0.005	87	705077	200.0	216.2	
* 65 Fluorobenzene	96	6.231	6.236	-0.005	98	540863	50.0	50.0	
68 n-Butanol	56	6.556	6.550	0.006	88	418503	5000.0	4970.4	
67 Trichloroethene	95	6.666	6.666	0.000	98	876115	200.0	198.3	
69 Ethyl acrylate	55	6.792	6.797	-0.005	99	838728	200.0	215.0	
70 Methylcyclohexane	83	6.844	6.844	0.000	93	1243036	200.0	219.2	
71 1,2-Dichloropropane	63	6.996	6.996	0.000	85	701530	200.0	198.0	
* 73 1,4-Dioxane-d8	96	7.059	7.048	0.011	9	35404	1000.0	1000.0	a
75 Methyl methacrylate	100	7.091	7.090	0.001	85	376460	400.0	434.8	
74 1,4-Dioxane	88	7.127	7.122	0.005	57	177593	4000.0	4326.3	
72 Dibromomethane	93	7.143	7.143	0.000	94	500561	200.0	201.0	
76 n-Propyl acetate	43	7.159	7.153	0.006	97	878630	200.0	204.1	
77 Dichlorobromomethane	83	7.327	7.321	0.006	99	1171333	200.0	205.6	
78 2-Nitropropane	41	7.704	7.699	0.005	94	410405	400.0	405.2	
80 Epichlorohydrin	57	7.846	7.840	0.006	99	1111384	4000.0	3961.9	
81 cis-1,3-Dichloropropene	75	7.935	7.934	0.001	92	1376332	200.0	210.6	
82 4-Methyl-2-pentanone (MIBK)	43	8.129	8.128	0.001	94	2768194	1000.0	1076.3	
$ 83 Toluene-d8 (Surr)	98	8.255	8.254	0.001	98	540146	50.0	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.344	8.343	0.001	93	3317112	200.0	196.7	
85 trans-1,3-Dichloropropene	75	8.742	8.737	0.005	95	1312155	200.0	219.0	
86 Ethyl methacrylate	69	8.800	8.800	0.000	87	935765	200.0	207.9	
87 1,1,2-Trichloroethane	83	8.999	8.999	0.000	93	550678	200.0	198.9	
88 Tetrachloroethene	166	9.104	9.098	0.006	98	981598	200.0	190.0	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	92	1200805	200.0	201.3	
90 2-Hexanone	43	9.340	9.340	0.000	94	1933181	1000.0	1058.0	
93 n-Butyl acetate	43	9.497	9.497	0.000	97	832390	200.0	199.8	
91 Chlorodibromomethane	129	9.539	9.539	0.000	97	930365	200.0	231.2	
92 Ethylene Dibromide	107	9.728	9.733	-0.005	98	735353	200.0	204.6	
* 94 Chlorobenzene-d5	117	10.415	10.414	0.001	56	447859	50.0	50.0	
95 Chlorobenzene	112	10.462	10.456	0.006	93	2222774	200.0	199.4	
97 Ethylbenzene	106	10.598	10.598	0.000	98	1253337	200.0	203.4	
96 1,1,1,2-Tetrachloroethane	131	10.604	10.603	0.001	45	918302	200.0	213.1	
98 m-Xylene & p-Xylene	106	10.798	10.792	0.006	92	1482198	200.0	199.1	
101 n-Butyl acrylate	73	11.390	11.390	0.000	97	522354	200.0	205.8	
99 o-Xylene	106	11.411	11.411	0.000	93	1404800	200.0	195.3	
100 Styrene	104	11.442	11.442	0.000	93	2298657	200.0	203.0	
102 Bromoform	173	11.705	11.704	0.001	84	645107	200.0	233.2	
103 Amyl acetate (mixed isomers)	43	11.715	11.710	0.005	92	996065	200.0	208.7	
104 Isopropylbenzene	105	11.904	11.904	0.000	96	3423422	200.0	198.1	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	91	194655	50.0	49.3	
106 Bromobenzene	156	12.308	12.307	0.001	96	1001047	200.0	203.6	
107 1,1,2,2-Tetrachloroethane	83	12.349	12.349	0.000	96	837496	200.0	215.9	
108 1,2,3-Trichloropropane	110	12.407	12.407	0.000	61	309013	200.0	204.0	
110 N-Propylbenzene	91	12.418	12.412	0.006	99	4375748	200.0	206.3	
109 trans-1,4-Dichloro-2-butene	53	12.433	12.433	0.000	56	299377	200.0	224.3	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	96	3161875	200.0	203.0	
112 4-Ethyltoluene	105	12.554	12.554	0.000	96	3602974	200.0	202.9	
114 1,3,5-Trimethylbenzene	105	12.633	12.632	0.001	91	3191172	200.0	204.6	
113 4-Chlorotoluene	91	12.669	12.664	0.005	98	2950320	200.0	198.5	M
115 Butyl Methacrylate	87	12.748	12.748	0.000	88	951248	200.0	212.4	
116 tert-Butylbenzene	119	12.973	12.973	0.000	92	2653616	200.0	199.6	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	98	3237132	200.0	203.5	
118 sec-Butylbenzene	105	13.204	13.204	0.000	97	3584350	200.0	202.1	
119 1,3-Dichlorobenzene	146	13.340	13.340	0.000	95	1775599	200.0	203.8	
122 4-Isopropyltoluene	119	13.351	13.351	0.000	96	3170892	200.0	200.9	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	95	258084	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.435	13.435	0.000	93	1785162	200.0	199.4	
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	99	3152959	200.0	195.9	
124 Benzyl chloride	91	13.576	13.576	0.000	99	1866112	200.0	221.5	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	90	2661275	200.0	200.0	
127 p-Diethylbenzene	119	13.723	13.723	0.000	92	1803681	200.0	196.6	
128 n-Butylbenzene	92	13.744	13.744	0.000	97	1498348	200.0	202.4	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	94	1587118	200.0	198.3	
130 1,2,4,5-Tetramethylbenzene	119	14.426	14.425	0.001	97	2721922	200.0	198.6	
129 1,2-Dibromo-3-Chloropropane	157	14.499	14.499	0.000	97	205682	200.0	226.1	
131 1,3,5-Trichlorobenzene	180	14.641	14.640	0.001	95	1102856	200.0	197.5	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	93	943178	200.0	198.4	
133 Hexachlorobutadiene	225	15.249	15.249	0.000	80	507438	200.0	200.7	
134 Naphthalene	128	15.349	15.348	0.001	99	2260757	200.0	201.9	
135 1,2,3-Trichlorobenzene	180	15.548	15.547	0.001	96	784207	200.0	195.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		400.0	405.7	
S 137 Xylenes, Total	100				0		400.0	394.4	
S 140 Total BTEX	1				0		1000.0	993.7	
S 139 1,3-Dichloropropene, Total	1				0		400.0	429.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	20.00	Units: uL	
Ethanol mix_00100	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00160	Amount Added:	20.00	Units: uL	
MIX I Hi_00187	Amount Added:	20.00	Units: uL	
GAS Hi_00493	Amount Added:	20.00	Units: uL	
7 Freons Hi_00026	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:09:40 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689609.D

Injection Date: 19-Apr-2025 07:23:45 Instrument ID: CVOAMS15

Lims ID: STD200

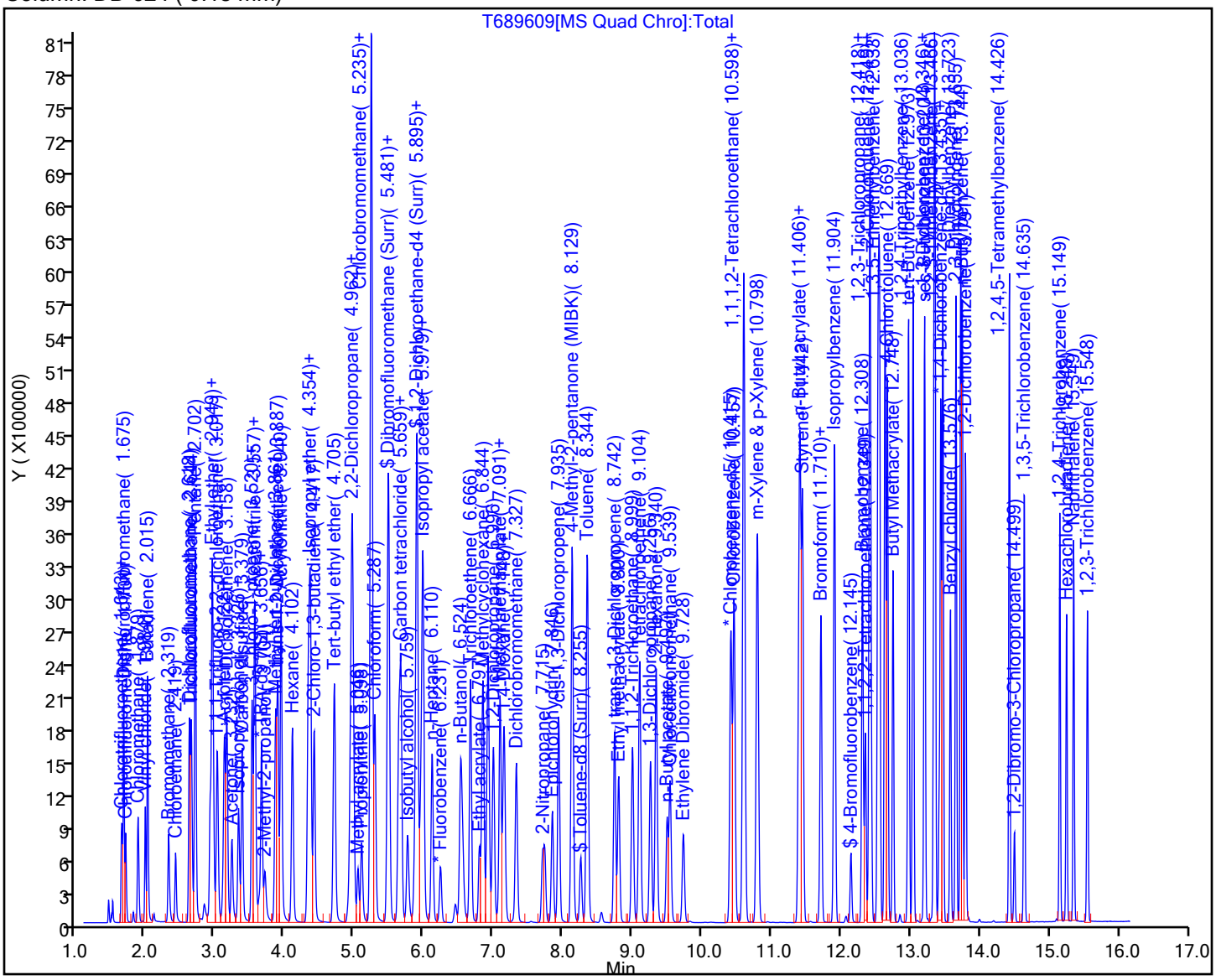
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

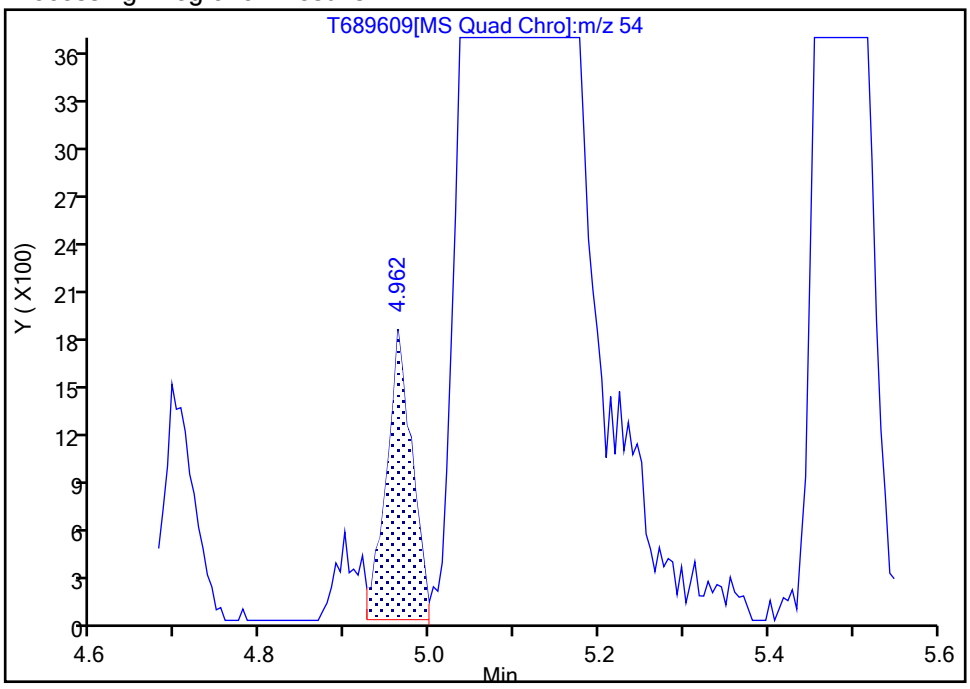
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689609.D
Injection Date: 19-Apr-2025 07:23:45 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

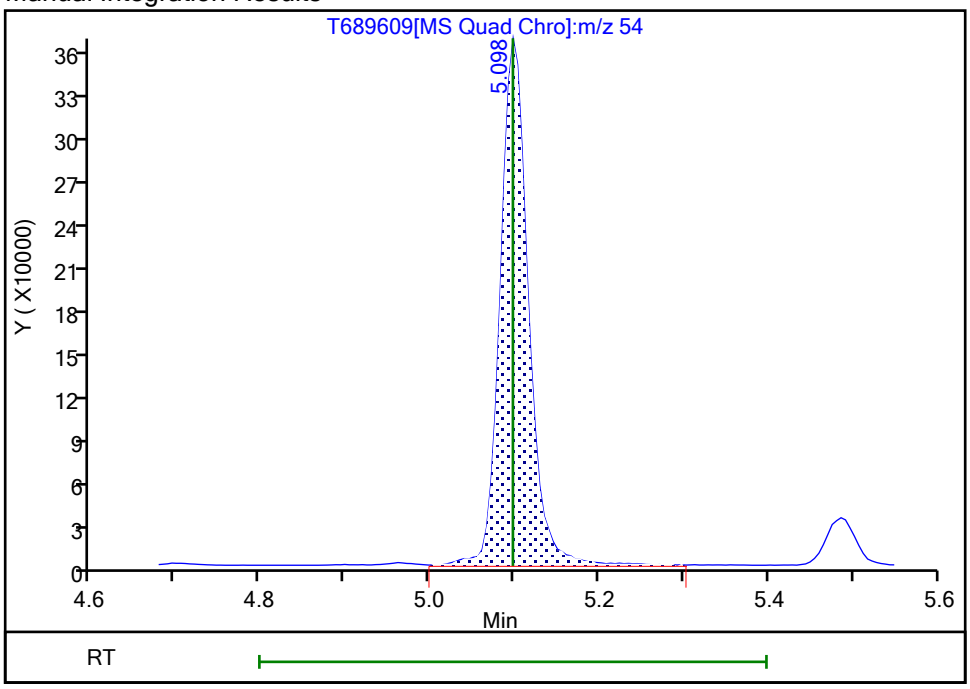
Processing Integration Results

RT: 4.96
Area: 3879
Amount: 15.193049
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 839748
Amount: 2060.7668
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:01:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

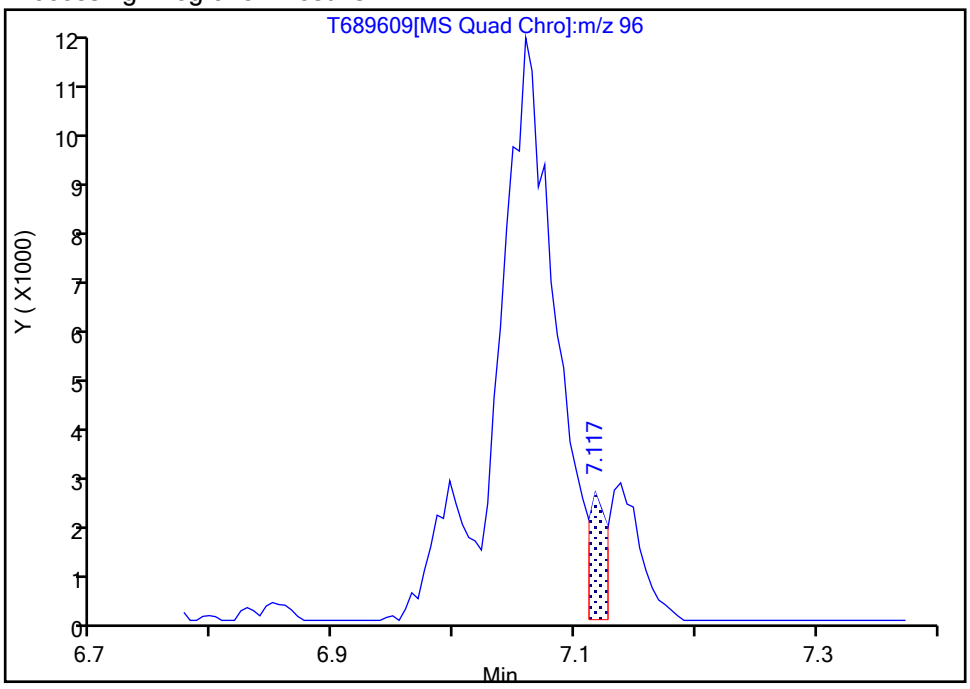
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689609.D
Injection Date: 19-Apr-2025 07:23:45 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

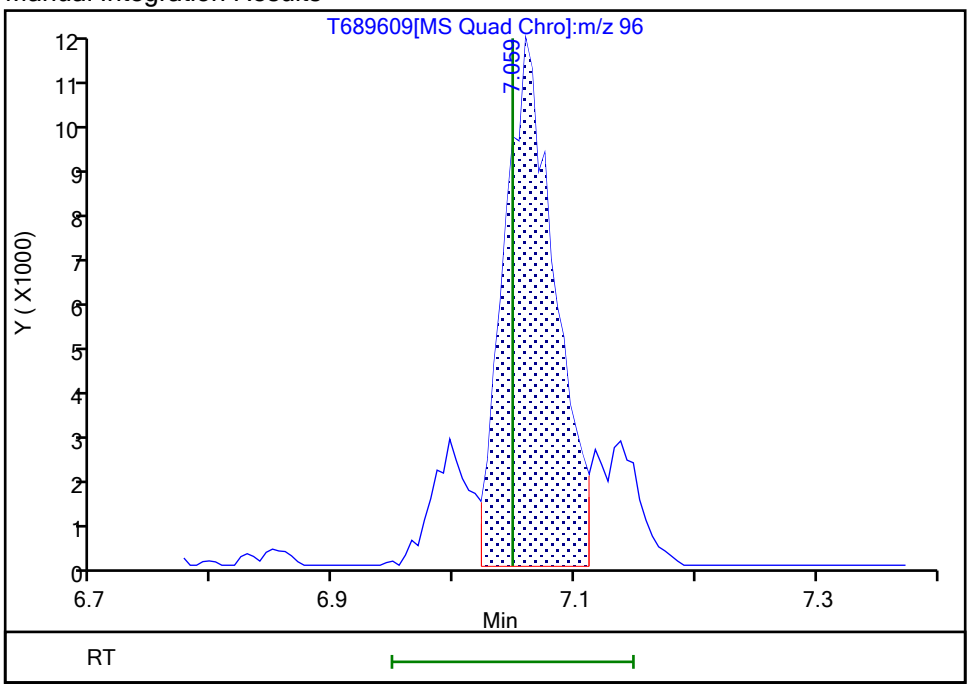
Processing Integration Results

RT: 7.12
Area: 2791
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 7.06
Area: 35404
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:01:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

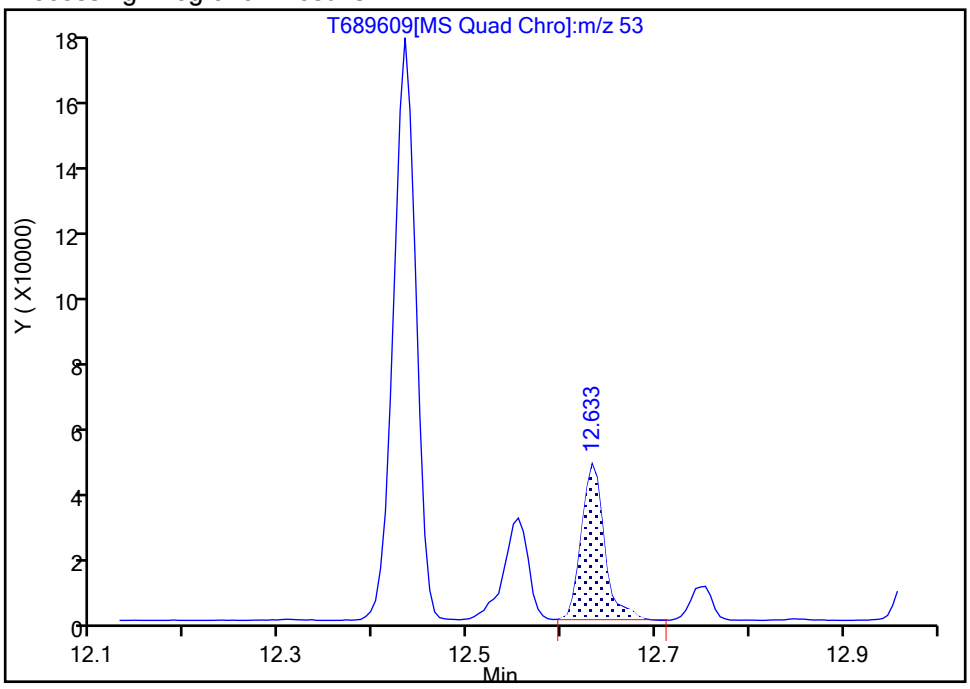
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689609.D
Injection Date: 19-Apr-2025 07:23:45 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

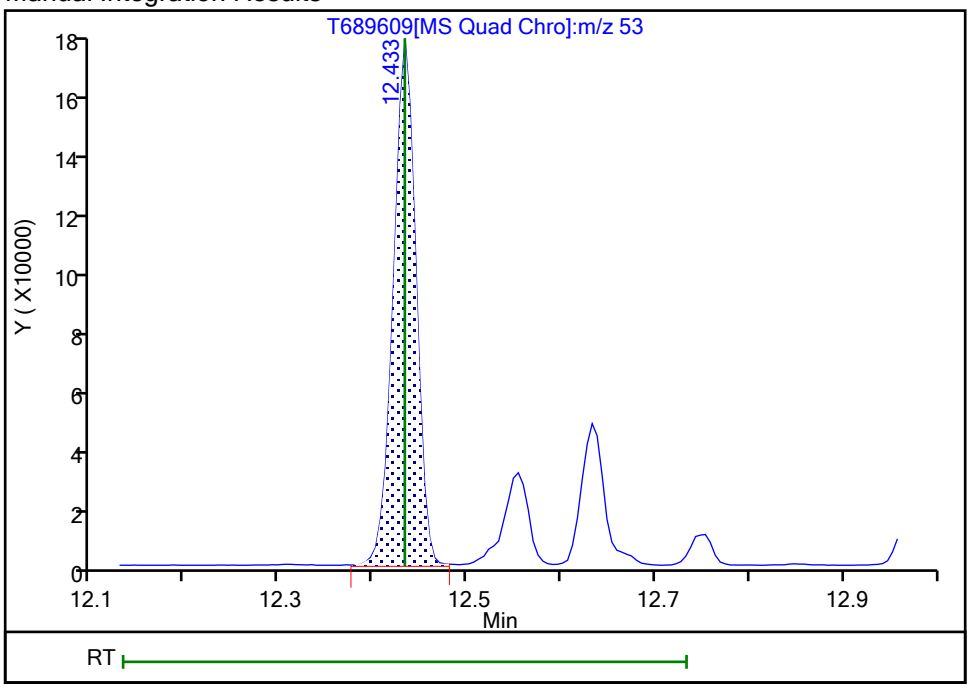
Processing Integration Results

RT: 12.63
Area: 82952
Amount: 140.1089
Amount Units: ug/l



Manual Integration Results

RT: 12.43
Area: 299377
Amount: 224.2974
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:01:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

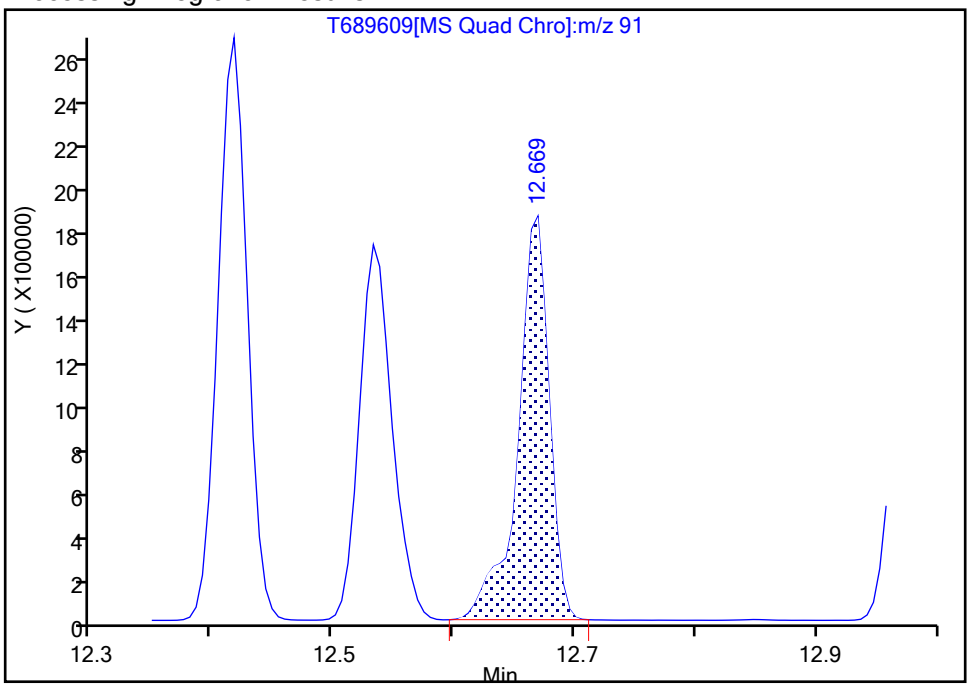
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689609.D
Injection Date: 19-Apr-2025 07:23:45 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

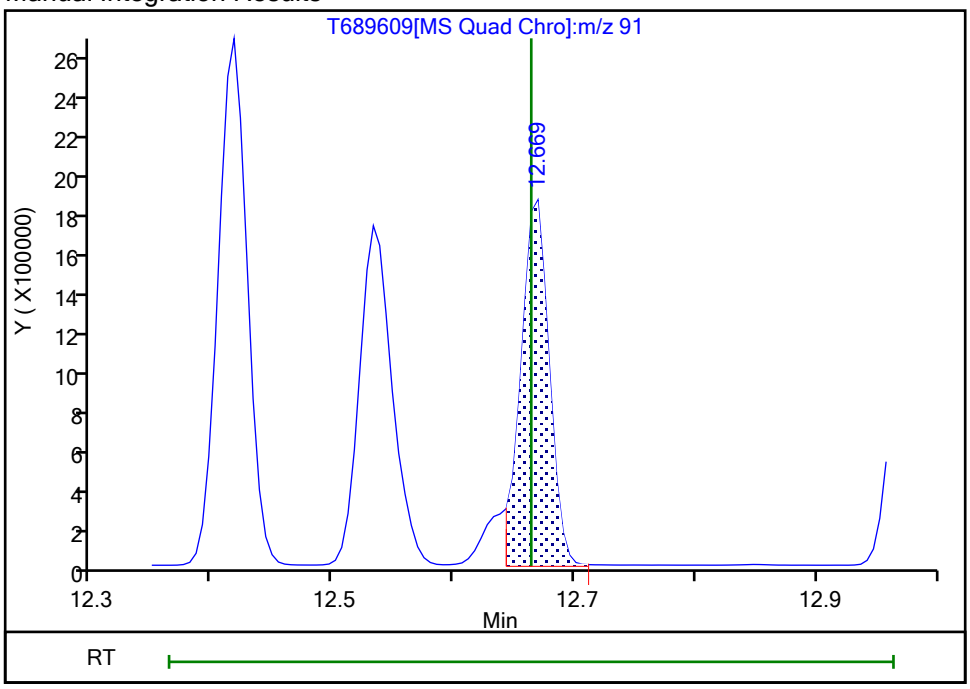
Processing Integration Results

RT: 12.67
Area: 3247103
Amount: 210.1289
Amount Units: ug/l



Manual Integration Results

RT: 12.67
Area: 2950320
Amount: 198.5398
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:20:31 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 19-Apr-2025 07:46:45 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0189481-011
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:09:48 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 08:58:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.512	1.512	0.000	90	106314	500.0	773.3	
3 Chlorotrifluoroethene	116	1.638	1.638	0.000	95	596092	500.0	738.0	
2 1,1-Difluoroethane	65	1.648	1.653	-0.005	93	733518	500.0	499.8	
4 Dichlorodifluoromethane	85	1.674	1.674	0.000	99	3219952	500.0	600.1	
5 Chlorodifluoromethane	67	1.701	1.700	0.001	96	418403	500.0	490.8	
6 Chloromethane	50	1.879	1.879	0.000	99	2335577	500.0	538.2	
7 Vinyl chloride	62	1.984	1.984	0.000	98	1887889	500.0	499.7	
8 Butadiene	54	2.015	2.015	0.000	96	1836498	500.0	496.0	
9 Bromomethane	94	2.309	2.319	-0.010	99	855438	500.0	303.7	
10 Chloroethane	64	2.414	2.419	-0.005	99	1121679	500.0	482.7	
11 Dichlorofluoromethane	67	2.613	2.618	-0.005	99	3792998	500.0	511.1	
12 Trichlorofluoromethane	101	2.639	2.644	-0.005	99	4007752	500.0	551.8	
13 Pentane	72	2.702	2.702	0.000	92	716272	1000.0	1094.1	
14 Ethanol	46	2.844	2.833	0.011	98	201376	20000	18637	
15 Ethyl ether	59	2.917	2.917	0.000	93	1351929	500.0	460.8	
17 2-Methyl-1,3-butadiene	53	2.943	2.943	0.000	88	1526457	500.0	514.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.959	2.954	0.005	94	1674908	500.0	521.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.017	3.016	0.001	95	2422598	500.0	524.4	
19 Acrolein	56	3.095	3.095	0.000	87	206878	400.0	427.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.121	3.121	0.000	96	1885957	500.0	524.3	
20 1,1-Dichloroethene	96	3.153	3.158	-0.005	98	1744392	500.0	506.3	
22 Acetone	43	3.232	3.231	0.001	86	2117247	2500.0	2496.4	
25 Isopropyl alcohol	45	3.331	3.326	0.005	49	947722	5000.0	4907.9	
23 Iodomethane	142	3.326	3.326	0.000	97	1982029	500.0	499.5	
24 Carbon disulfide	76	3.373	3.378	-0.005	99	5385585	500.0	500.9	
28 Methyl acetate	43	3.520	3.520	0.000	92	2072409	1000.0	974.8	
27 3-Chloro-1-propene	76	3.520	3.520	0.000	88	906323	500.0	477.6	
26 Acetonitrile	41	3.557	3.551	0.006	55	2218748	5000.0	NQ	a
29 Cyclopentene	67	3.562	3.562	0.000	92	4803013	500.0	507.4	
* 31 TBA-d9 (IS)	66	3.630	3.619	0.011	86	52803	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.656	3.656	0.000	85	1851915	500.0	504.1	
32 2-Methyl-2-propanol	59	3.714	3.703	0.011	99	1669310	5000.0	4641.2	
35 Methyl tert-butyl ether	73	3.861	3.861	0.000	96	5735426	500.0	528.0	
34 trans-1,2-Dichloroethene	96	3.892	3.892	0.000	94	1935741	500.0	502.6	
33 Acrylonitrile	53	3.939	3.934	0.005	92	5169956	5000.0	5014.7	
36 Hexane	57	4.102	4.102	0.000	90	2338995	500.0	563.3	
40 Isopropyl ether	45	4.327	4.327	0.000	92	4897839	500.0	527.3	
37 1,1-Dichloroethane	63	4.354	4.348	0.006	72	3210765	500.0	477.5	
38 Vinyl acetate	86	4.364	4.359	0.005	99	808965	1000.0	572.2	
39 2-Chloro-1,3-butadiene	88	4.411	4.416	-0.005	93	1664060	500.0	493.2	
41 Tert-butyl ethyl ether	59	4.705	4.705	0.000	90	5755269	500.0	536.9	
* 42 2-Butanone-d5	46	4.904	4.899	0.005	72	199442	250.0	250.0	a
44 2,2-Dichloropropane	97	4.941	4.946	-0.005	92	646317	500.0	462.5	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	87	2063607	500.0	486.0	
45 2-Butanone (MEK)	72	4.967	4.962	0.005	99	968908	2500.0	2435.5	
47 Ethyl acetate	70	4.988	4.983	0.005	97	415759	1000.0	559.9	
48 Methyl acrylate	55	5.046	5.040	0.006	99	1379274	500.0	485.7	
46 Propionitrile	54	5.103	5.098	0.005	97	2135120	5000.0	5150.9	a
49 Chlorobromomethane	128	5.224	5.224	0.000	67	933118	500.0	481.9	
51 Tetrahydrofuran	72	5.234	5.229	0.005	29	392331	1000.0	NQ	
50 Methacrylonitrile	67	5.245	5.234	0.011	89	6106856	5000.0	4600.7	
52 Chloroform	83	5.292	5.287	0.005	100	3687529	500.0	474.7	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.470	0.000	31	152069	50.0	47.8	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	96	3776581	500.0	494.4	
55 Cyclohexane	84	5.486	5.481	0.005	83	2843674	500.0	516.2	
56 Carbon tetrachloride	117	5.633	5.633	0.000	98	3380613	500.0	520.8	
57 1,1-Dichloropropene	75	5.664	5.659	0.005	97	2925140	500.0	505.3	
59 Isobutyl alcohol	43	5.769	5.753	0.016	100	1477353	12500	12500	
60 Benzene	78	5.895	5.890	0.005	97	6965587	500.0	444.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.890	5.890	0.000	39	205721	50.0	50.5	
62 Isooctane	57	5.895	5.895	0.000	66	4144735	500.0	535.2	
63 Isopropyl acetate	61	5.953	5.947	0.006	96	853774	500.0	487.3	
61 1,2-Dichloroethane	62	5.979	5.979	0.000	76	2868826	500.0	433.9	
64 Tert-amyl methyl ether	73	5.984	5.979	0.005	97	5395143	500.0	523.5	
66 n-Heptane	43	6.115	6.115	0.000	87	1855782	500.0	559.3	
* 65 Fluorobenzene	96	6.236	6.236	0.000	98	550187	50.0	50.0	
68 n-Butanol	56	6.566	6.550	0.016	87	1084849	12500	12653	
67 Trichloroethene	95	6.666	6.666	0.000	98	2167214	500.0	482.2	
69 Ethyl acrylate	55	6.797	6.797	0.000	99	2103817	500.0	530.2	
70 Methylcyclohexane	83	6.844	6.844	0.000	94	3128546	500.0	542.3	
71 1,2-Dichloropropane	63	6.996	6.996	0.000	85	1718274	500.0	476.7	
* 73 1,4-Dioxane-d8	96	7.064	7.048	0.016	14	35995	1000.0	1000.0	a
75 Methyl methacrylate	100	7.096	7.090	0.006	85	951640	1000.0	1080.5	
74 1,4-Dioxane	88	7.127	7.122	0.005	61	424998	10000	10183	
72 Dibromomethane	93	7.143	7.143	0.000	91	1058833	500.0	418.0	
76 n-Propyl acetate	43	7.159	7.153	0.006	97	2121318	500.0	484.4	
77 Dichlorobromomethane	83	7.326	7.321	0.005	99	2961375	500.0	511.0	
78 2-Nitropropane	41	7.709	7.699	0.010	93	1075897	1000.0	1044.1	
80 Epichlorohydrin	57	7.845	7.840	0.005	99	2157491	10000	10031	
81 cis-1,3-Dichloropropene	75	7.935	7.934	0.001	92	3426484	500.0	503.2	
82 4-Methyl-2-pentanone (MIBK)	43	8.134	8.128	0.006	94	6445032	2500.0	2463.4	
$ 83 Toluene-d8 (Surr)	98	8.254	8.254	0.000	99	555828	50.0	48.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.349	8.343	0.006	94	7898826	500.0	449.6	
85 trans-1,3-Dichloropropene	75	8.742	8.737	0.005	96	3325817	500.0	532.8	
86 Ethyl methacrylate	69	8.800	8.800	0.000	87	2336638	500.0	498.3	
87 1,1,2-Trichloroethane	83	8.999	8.999	0.000	92	1371012	500.0	475.3	
88 Tetrachloroethene	166	9.104	9.098	0.006	97	2498700	500.0	464.3	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	93	3021085	500.0	486.1	
90 2-Hexanone	43	9.340	9.340	0.000	94	4565427	2500.0	2456.2	
93 n-Butyl acetate	43	9.497	9.497	0.000	97	2142229	500.0	500.0	
91 Chlorodibromomethane	129	9.539	9.539	0.000	97	2375111	500.0	566.5	
92 Ethylene Dibromide	107	9.733	9.733	0.000	98	1856213	500.0	495.6	
* 94 Chlorobenzene-d5	117	10.420	10.414	0.006	44	466620	50.0	50.0	
95 Chlorobenzene	112	10.462	10.456	0.006	93	5579502	500.0	480.3	
97 Ethylbenzene	106	10.603	10.598	0.005	98	3103152	500.0	483.3	
96 1,1,1,2-Tetrachloroethane	131	10.603	10.603	0.000	45	2260610	500.0	503.5	
98 m-Xylene & p-Xylene	106	10.797	10.792	0.005	92	3786907	500.0	488.3	
101 n-Butyl acrylate	73	11.390	11.390	0.000	97	1271937	500.0	480.9	
99 o-Xylene	106	11.411	11.411	0.000	94	3499955	500.0	467.0	
100 Styrene	104	11.448	11.442	0.006	92	5642739	500.0	478.3	
102 Bromoform	173	11.710	11.704	0.006	80	1651613	500.0	573.1	
103 Amyl acetate (mixed isomers)	43	11.715	11.710	0.005	92	2472243	500.0	508.3	
104 Isopropylbenzene	105	11.909	11.904	0.005	96	8310458	500.0	461.5	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	89	202983	50.0	49.4	
106 Bromobenzene	156	12.313	12.307	0.006	93	2579612	500.0	514.8	
107 1,1,2,2-Tetrachloroethane	83	12.355	12.349	0.006	95	2006773	500.0	507.5	
108 1,2,3-Trichloropropane	110	12.412	12.407	0.005	59	719970	500.0	466.3	
110 N-Propylbenzene	91	12.417	12.412	0.005	97	9609683	500.0	444.4	
109 trans-1,4-Dichloro-2-butene	53	12.438	12.433	0.005	62	702194	500.0	516.1	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	97	7196099	500.0	453.3	
112 4-Ethyltoluene	105	12.559	12.554	0.005	95	8360288	500.0	461.9	
114 1,3,5-Trimethylbenzene	105	12.638	12.632	0.006	92	7218793	500.0	454.0	
113 4-Chlorotoluene	91	12.669	12.664	0.005	97	6833967	500.0	451.2	M
115 Butyl Methacrylate	87	12.753	12.748	0.005	88	2384520	500.0	522.3	
116 tert-Butylbenzene	119	12.973	12.973	0.000	92	6214336	500.0	458.5	
117 1,2,4-Trimethylbenzene	105	13.041	13.036	0.005	97	7257116	500.0	447.6	
118 sec-Butylbenzene	105	13.204	13.204	0.000	96	8165784	500.0	451.6	
119 1,3-Dichlorobenzene	146	13.340	13.340	0.000	95	4034778	500.0	454.4	
122 4-Isopropyltoluene	119	13.356	13.351	0.005	95	6771732	500.0	420.9	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	94	263069	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.440	13.435	0.005	94	4264378	500.0	467.2	
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	97	7145365	500.0	435.5	
124 Benzyl chloride	91	13.576	13.576	0.000	99	4553900	500.0	530.3	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	89	6311089	500.0	465.4	
127 p-Diethylbenzene	119	13.723	13.723	0.000	92	4178285	500.0	446.9	
128 n-Butylbenzene	92	13.749	13.744	0.005	97	3404693	500.0	451.1	
126 1,2-Dichlorobenzene	146	13.796	13.791	0.005	96	3808654	500.0	466.8	
130 1,2,4,5-Tetramethylbenzene	119	14.426	14.425	0.001	96	6231685	500.0	446.0	
129 1,2-Dibromo-3-Chloropropane	157	14.499	14.499	0.000	97	493093	500.0	531.9	
131 1,3,5-Trichlorobenzene	180	14.641	14.640	0.001	96	2744851	500.0	482.2	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	94	2313726	500.0	477.6	
133 Hexachlorobutadiene	225	15.249	15.249	0.000	80	1249396	500.0	499.9	
134 Naphthalene	128	15.348	15.348	0.000	98	5345922	500.0	468.5	
135 1,2,3-Trichlorobenzene	180	15.548	15.547	0.001	95	1952496	500.0	478.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1000.0	988.7	
S 137 Xylenes, Total	100				0		1000.0	955.3	
S 140 Total BTEX	1				0		2500.0	2333.2	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	1036.0	

QC Flag Legend

Processing Flags
NQ - Not Quantifiable
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	40.00	Units: uL	
Ethanol mix_00100	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00160	Amount Added:	50.00	Units: uL	
MIX I Hi_00187	Amount Added:	50.00	Units: uL	
GAS Hi_00493	Amount Added:	50.00	Units: uL	
7 Freons Hi_00026	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:09:49 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D

Injection Date: 19-Apr-2025 07:46:45 Instrument ID: CVOAMS15

Lims ID: STD500

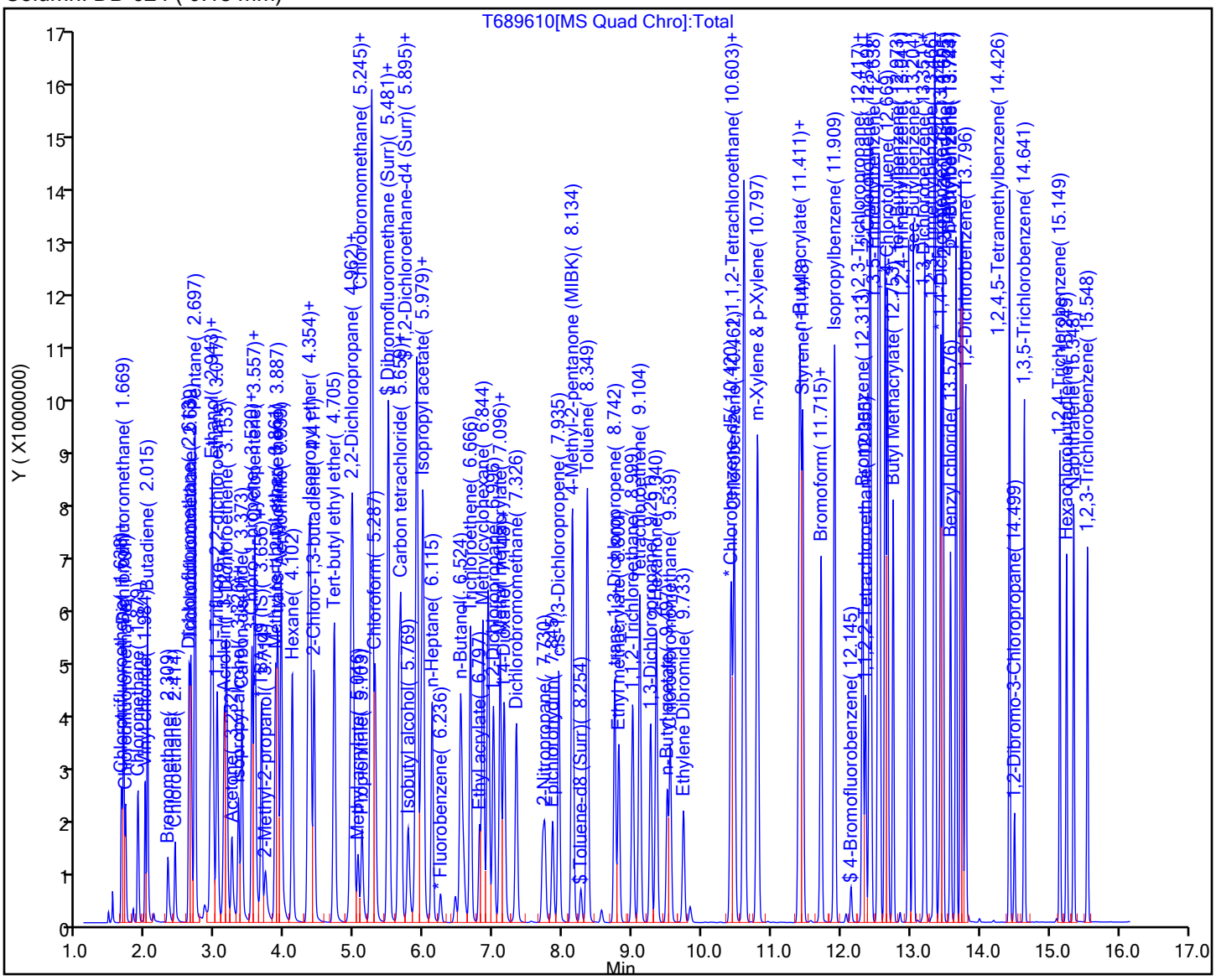
Client ID:

Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

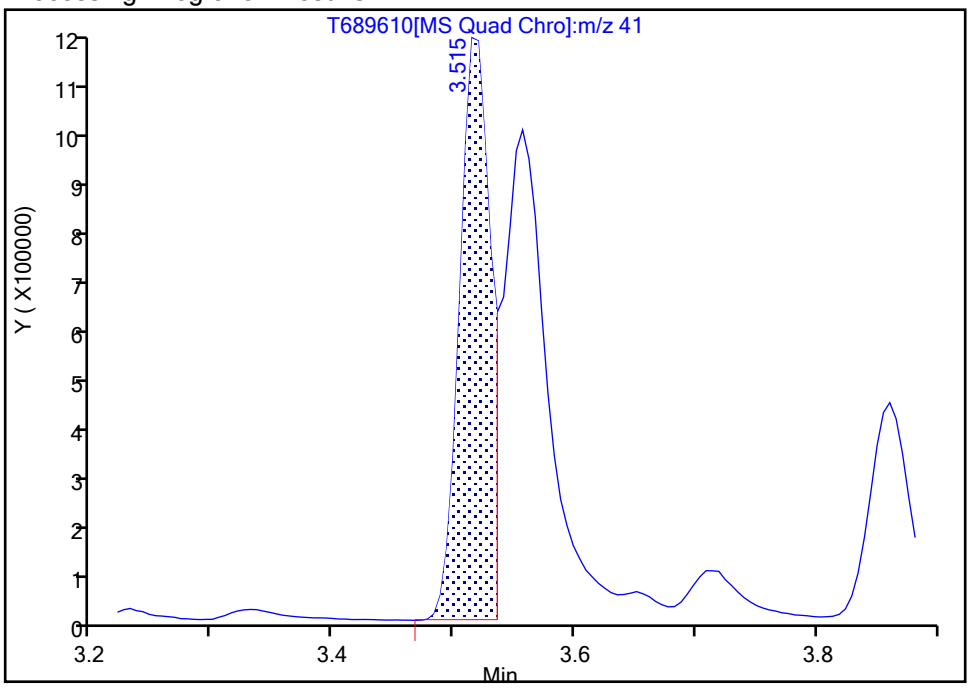
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D
Injection Date: 19-Apr-2025 07:46:45 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

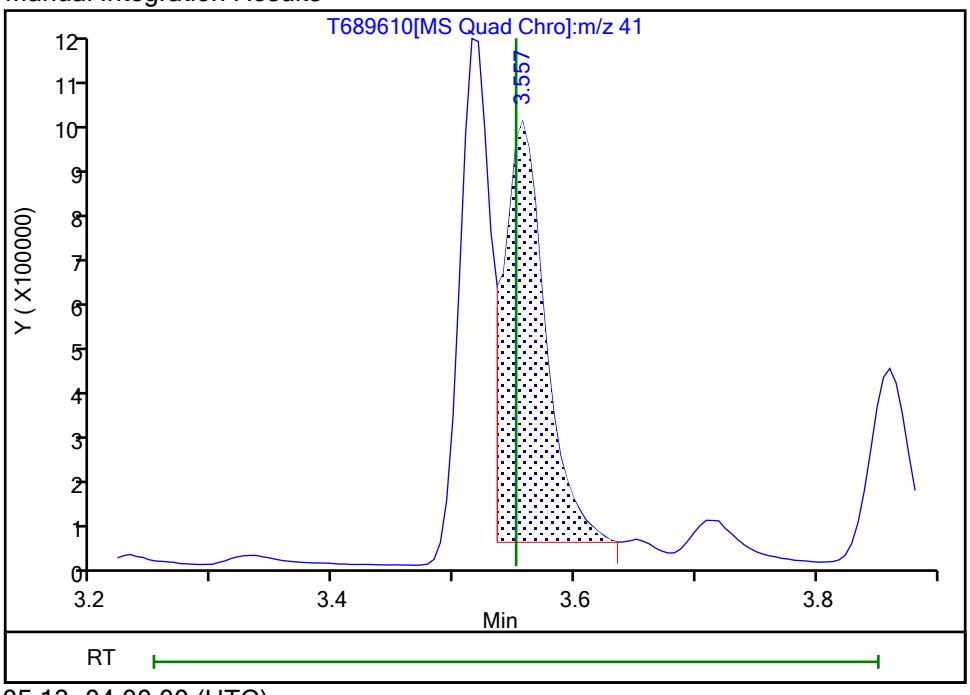
Processing Integration Results

RT: 3.51
Area: 2073431
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 3.56
Area: 2218748
Amount: NaN
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:05:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

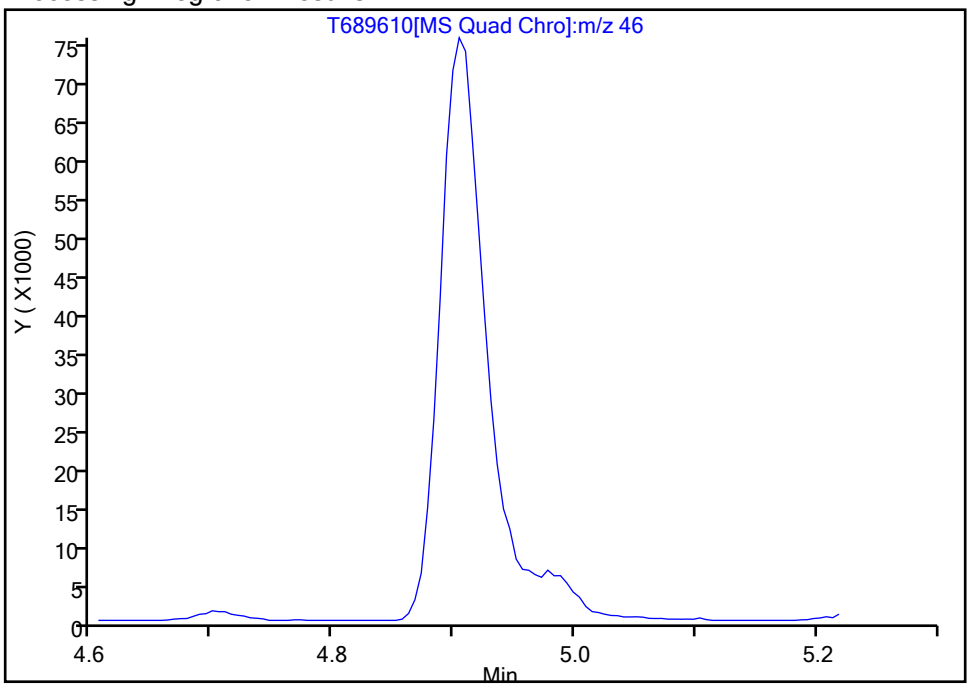
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D
Injection Date: 19-Apr-2025 07:46:45 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

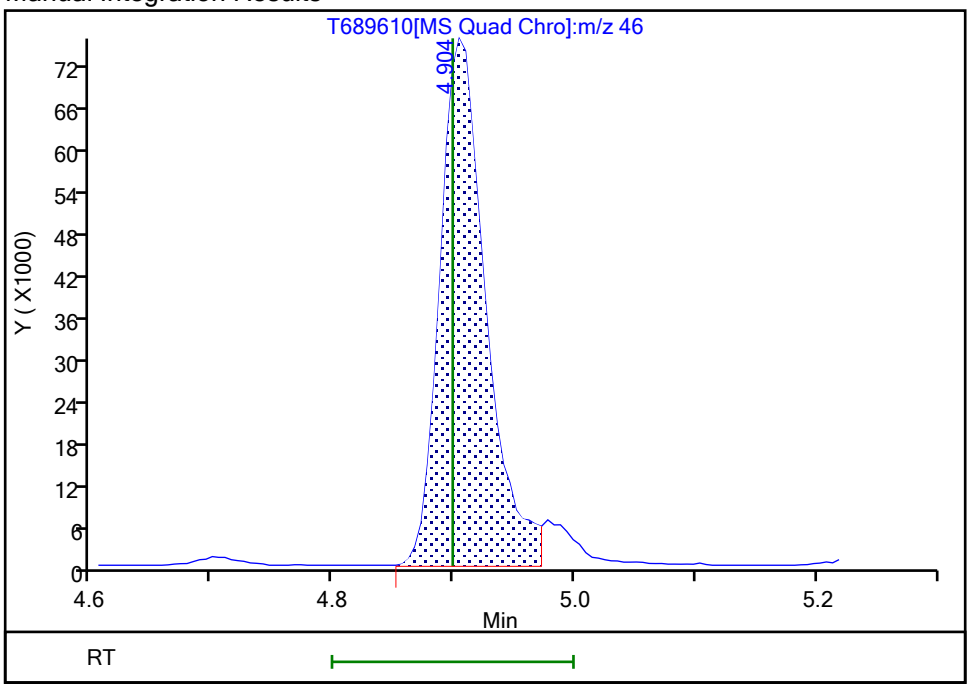
Not Detected
Expected RT: 4.90

Processing Integration Results



Manual Integration Results

RT: 4.90
Area: 199442
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:05:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

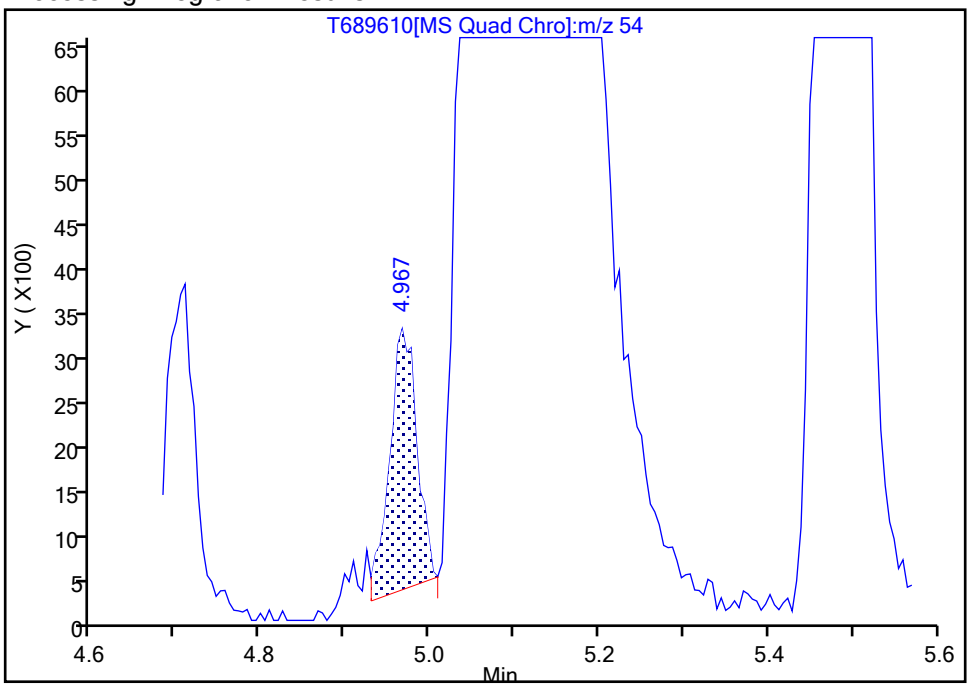
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D
Injection Date: 19-Apr-2025 07:46:45 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

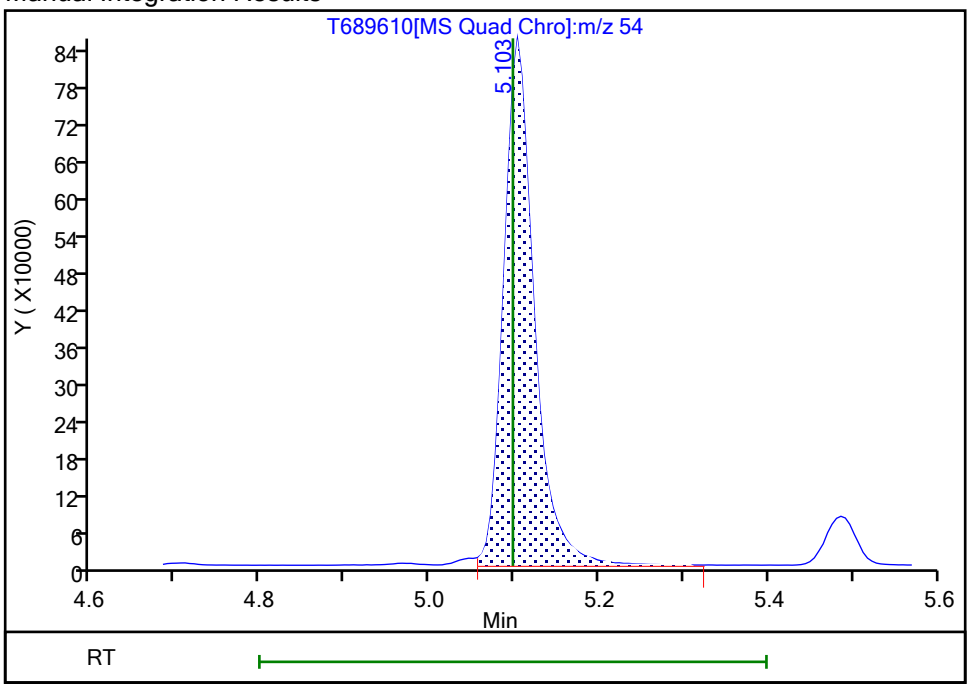
Processing Integration Results

RT: 4.97
Area: 6538
Amount: 19.512547
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 2135120
Amount: 5150.8523
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:32:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

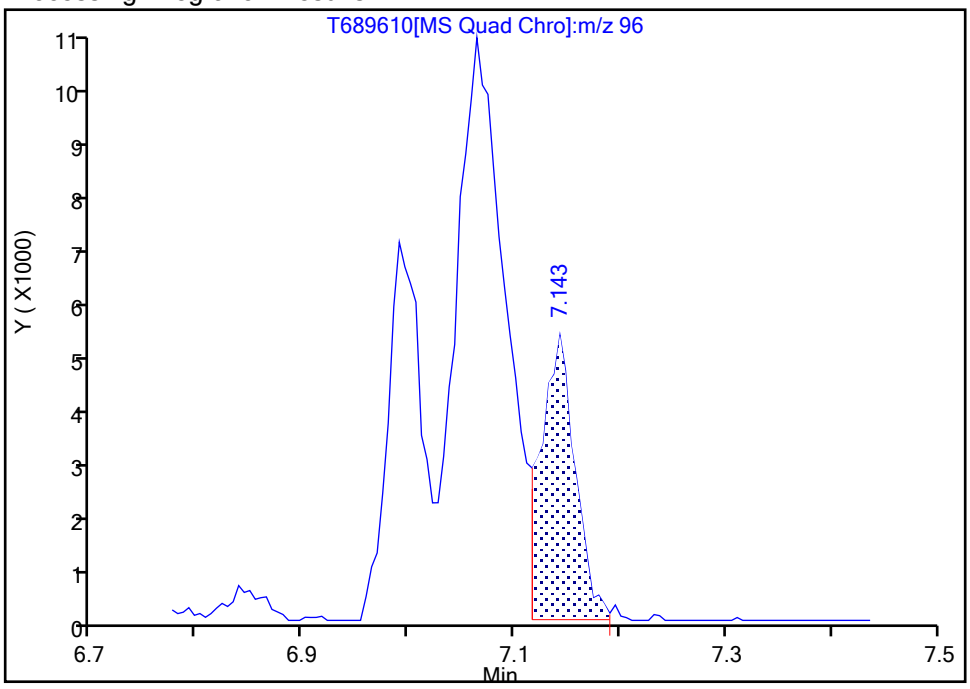
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D
Injection Date: 19-Apr-2025 07:46:45 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

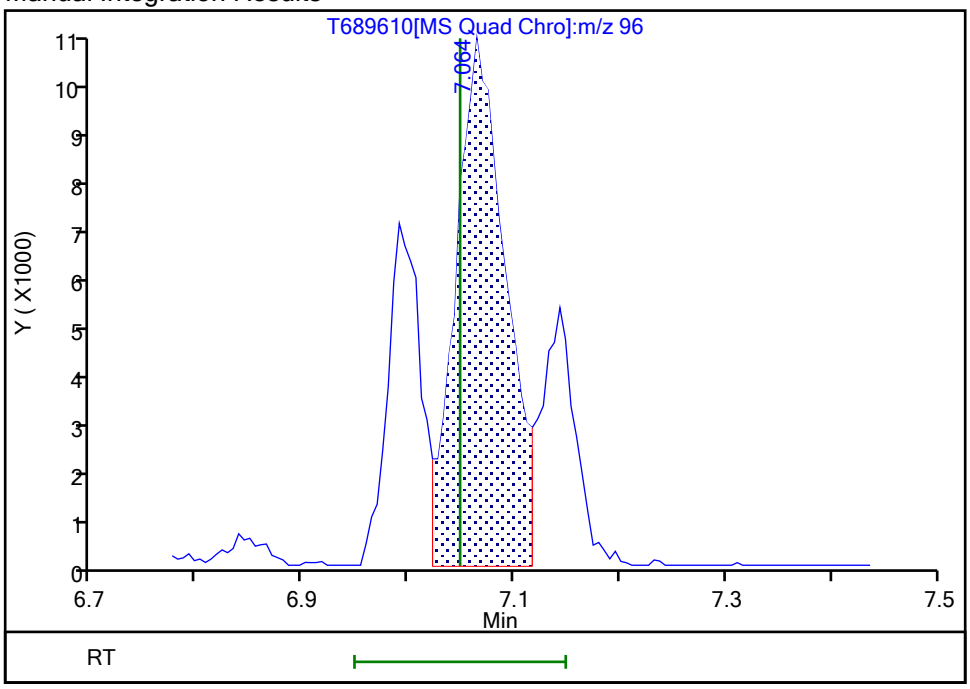
Processing Integration Results

RT: 7.14
Area: 12038
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 7.06
Area: 35995
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:05:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

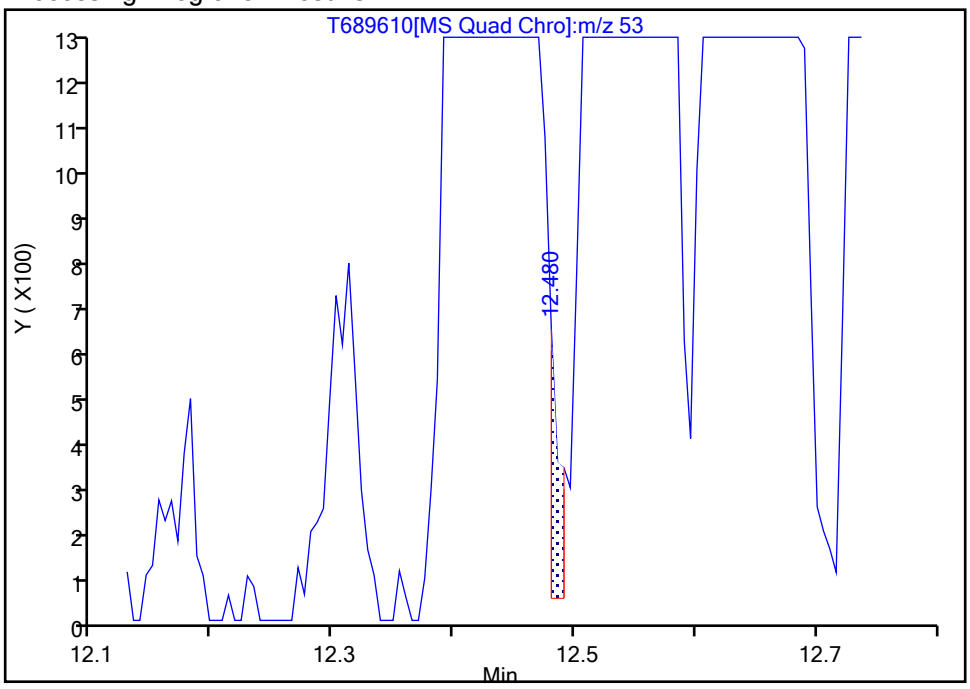
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D
Injection Date: 19-Apr-2025 07:46:45 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

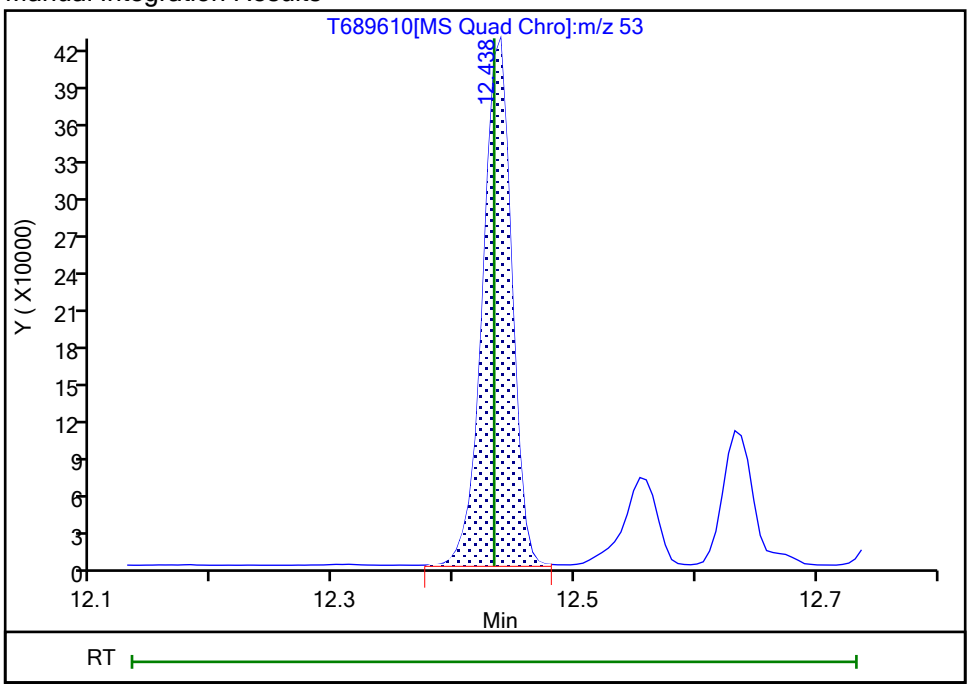
Processing Integration Results

RT: 12.48
Area: 366
Amount: 0.464864
Amount Units: ug/l



Manual Integration Results

RT: 12.44
Area: 702194
Amount: 516.1242
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:05:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

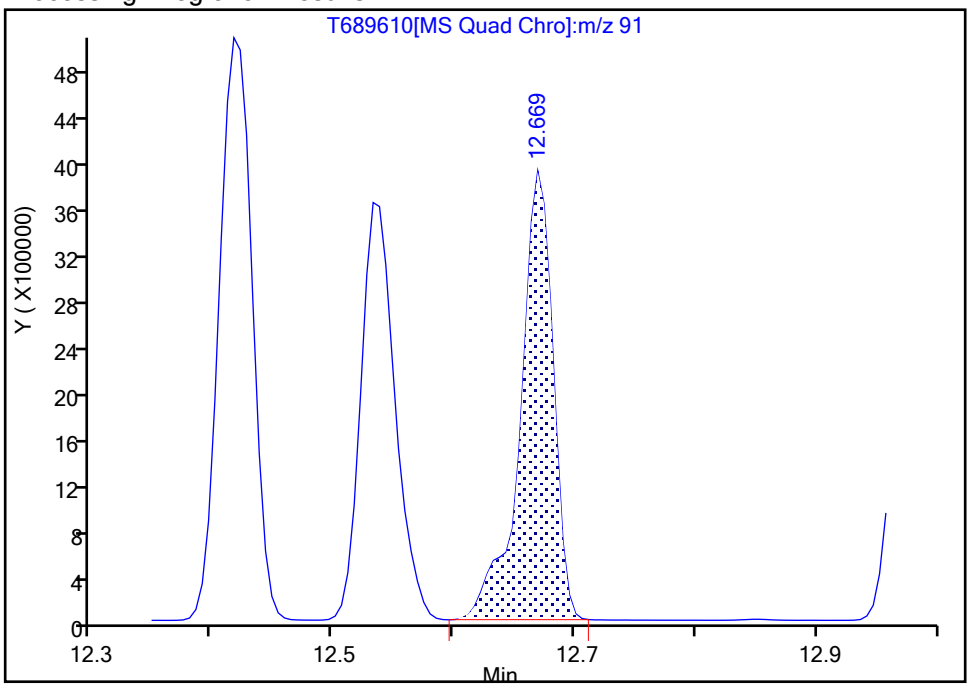
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689610.D
Injection Date: 19-Apr-2025 07:46:45 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

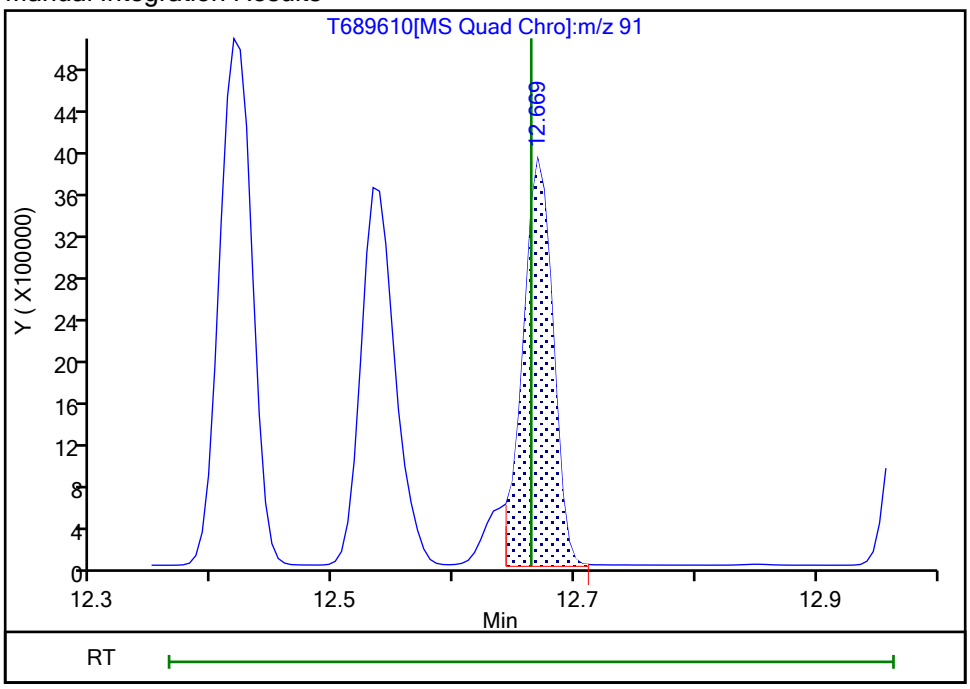
Processing Integration Results

RT: 12.67
Area: 7433536
Amount: 478.4929
Amount Units: ug/l



Manual Integration Results

RT: 12.67
Area: 6833967
Amount: 451.1726
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:22:32 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 19-Apr-2025 10:26:58 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0189481-018
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:09:58 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: FK2C Date: 19-Apr-2025 10:58:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.633	1.633	0.000	12	646	1.00	0.9075	
2 1,1-Difluoroethane	65	1.648	1.648	0.000	83	1073	1.00	1.01	
4 Dichlorodifluoromethane	85	1.669	1.669	0.000	90	3890	1.00	0.8225	
5 Chlorodifluoromethane	67	1.695	1.695	0.000	57	690	1.00	0.8441	
6 Chloromethane	50	1.874	1.874	0.000	92	3749	1.00	0.9802	
7 Vinyl chloride	62	1.979	1.979	0.000	92	2836	1.00	0.8517	
8 Butadiene	54	2.015	2.015	0.000	92	3027	1.00	0.9276	
9 Bromomethane	94	2.319	2.319	0.000	88	2396	1.00	0.8229	
10 Chloroethane	64	2.424	2.424	0.000	64	1934	1.00	0.9443	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	84	6042	1.00	0.9238	
12 Trichlorofluoromethane	101	2.644	2.644	0.000	69	5610	1.00	0.8764	
13 Pentane	72	2.702	2.702	0.000	83	1143	2.00	1.98	
14 Ethanol	46	2.838	2.838	0.000	62	304	40.0	38.0	
15 Ethyl ether	59	2.917	2.917	0.000	73	2562	1.00	0.99	
17 2-Methyl-1,3-butadiene	53	2.938	2.938	0.000	89	2216	1.00	0.8480	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.954	2.954	0.000	70	2531	1.00	0.8935	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.011	3.011	0.000	60	3578	1.00	0.8788	
19 Acrolein	56	3.090	3.090	0.000	63	1479	4.00	3.47	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.116	3.116	0.000	78	2986	1.00	0.9419	
20 1,1-Dichloroethene	96	3.153	3.153	0.000	89	2771	1.00	0.9125	
22 Acetone	43	3.226	3.226	0.000	62	4287	5.00	4.74	
25 Isopropyl alcohol	45	3.321	3.321	0.000	39	1364	10.0	9.53	
23 Iodomethane	142	3.326	3.326	0.000	84	3474	1.00	0.8464	Ma
24 Carbon disulfide	76	3.379	3.379	0.000	99	8619	1.00	0.9096	
28 Methyl acetate	43	3.520	3.520	0.000	94	3496	2.00	1.87	
27 3-Chloro-1-propene	76	3.525	3.525	0.000	82	1394	1.00	0.8336	
26 Acetonitrile	41	3.546	3.546	0.000	81	3787	10.0	8.52	M
29 Cyclopentene	67	3.562	3.562	0.000	79	6771	1.00	0.8117	
* 31 TBA-d9 (IS)	66	3.620	3.620	0.000	94	39134	1000.0	1000.0	
30 Methylene Chloride	84	3.662	3.662	0.000	38	2560	1.00	0.7906	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.709	3.709	0.000	80	2428	10.0	9.11	
35 Methyl tert-butyl ether	73	3.856	3.856	0.000	94	7687	1.00	0.8030	
34 trans-1,2-Dichloroethene	96	3.892	3.892	0.000	63	3289	1.00	0.9690	
33 Acrylonitrile	53	3.940	3.940	0.000	93	7448	10.0	8.20	
36 Hexane	57	4.097	4.097	0.000	84	3352	1.00	0.9160	
40 Isopropyl ether	45	4.328	4.328	0.000	86	6538	1.00	0.7986	
37 1,1-Dichloroethane	63	4.343	4.343	0.000	79	5274	1.00	0.8899	
38 Vinyl acetate	86	4.364	4.364	0.000	98	1261	2.00	1.97	
39 2-Chloro-1,3-butadiene	88	4.417	4.417	0.000	66	2546	1.00	0.8561	
41 Tert-butyl ethyl ether	59	4.700	4.700	0.000	85	7385	1.00	0.7817	
* 42 2-Butanone-d5	46	4.899	4.899	0.000	34	90068	250.0	250.0	
44 2,2-Dichloropropane	97	4.941	4.941	0.000	38	997	1.00	0.8095	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	40	3227	1.00	0.8624	
45 2-Butanone (MEK)	72	4.962	4.962	0.000	90	3339	5.00	5.03	
47 Ethyl acetate	70	4.983	4.983	0.000	81	645	2.00	1.92	
48 Methyl acrylate	55	5.041	5.041	0.000	69	2887	1.00	1.15	
46 Propionitrile	54	5.093	5.093	0.000	85	3090	10.0	8.46	
49 Chlorobromomethane	128	5.224	5.224	0.000	44	1515	1.00	0.8878	
51 Tetrahydrofuran	72	5.245	5.245	0.000	27	549	2.00	1.42	
50 Methacrylonitrile	67	5.235	5.235	0.000	89	9511	10.0	8.13	
52 Chloroform	83	5.282	5.282	0.000	84	5994	1.00	0.8754	
$ 53 Dibromofluoromethane (Surr)	113	5.471	5.471	0.000	96	144129	50.0	51.5	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	24	5805	1.00	0.8622	
55 Cyclohexane	84	5.491	5.491	0.000	32	4523	1.00	0.9316	
56 Carbon tetrachloride	117	5.633	5.633	0.000	88	4706	1.00	0.8226	
57 1,1-Dichloropropene	75	5.665	5.665	0.000	82	4502	1.00	0.8824	
59 Isobutyl alcohol	43	5.764	5.764	0.000	58	2111	25.0	23.7	
60 Benzene	78	5.895	5.895	0.000	47	11328	1.00	0.8530	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.885	5.885	0.000	93	180646	50.0	50.3	
62 Isooctane	57	5.900	5.900	0.000	32	6468	1.00	0.9476	
63 Isopropyl acetate	61	5.963	5.963	0.000	86	1264	1.00	0.8185	M
61 1,2-Dichloroethane	62	5.979	5.979	0.000	70	5035	1.00	0.8639	
64 Tert-amyl methyl ether	73	5.979	5.979	0.000	85	6837	1.00	0.7528	
66 n-Heptane	43	6.121	6.121	0.000	67	2494	1.00	0.8529	
* 65 Fluorobenzene	96	6.231	6.231	0.000	99	484909	50.0	50.0	
68 n-Butanol	56	6.556	6.556	0.000	54	1621	25.0	25.5	
67 Trichloroethene	95	6.666	6.666	0.000	72	3322	1.00	0.8387	
69 Ethyl acrylate	55	6.787	6.787	0.000	30	2301	1.00	0.6580	Ma
70 Methylcyclohexane	83	6.834	6.834	0.000	76	4336	1.00	0.8527	
71 1,2-Dichloropropane	63	6.986	6.986	0.000	65	2848	1.00	0.8965	M
* 73 1,4-Dioxane-d8	96	7.054	7.054	0.000	1	26833	1000.0	1000.0	
75 Methyl methacrylate	100	7.085	7.085	0.000	81	1252	2.00	1.61	
74 1,4-Dioxane	88	7.112	7.112	0.000	44	1424	50.0	45.8	
72 Dibromomethane	93	7.143	7.143	0.000	80	2162	1.00	0.9683	
76 n-Propyl acetate	43	7.154	7.154	0.000	90	3594	1.00	0.9313	
77 Dichlorobromomethane	83	7.321	7.321	0.000	82	3718	1.00	0.7279	
78 2-Nitropropane	41	7.704	7.704	0.000	74	1518	2.00	1.67	
80 Epichlorohydrin	57	7.846	7.846	0.000	29	1863	20.0	10.6	M
81 cis-1,3-Dichloropropene	75	7.935	7.935	0.000	68	4580	1.00	0.7929	
82 4-Methyl-2-pentanone (MIBK)	43	8.129	8.129	0.000	87	10299	5.00	4.47	
$ 83 Toluene-d8 (Surr)	98	8.249	8.249	0.000	98	481708	50.0	49.9	
84 Toluene	91	8.344	8.344	0.000	84	13434	1.00	0.9014	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	8.737	8.737	0.000	62	4193	1.00	0.7918	
86 Ethyl methacrylate	69	8.789	8.789	0.000	55	3372	1.00	0.8477	
87 1,1,2-Trichloroethane	83	8.994	8.994	0.000	60	2016	1.00	0.8239	
88 Tetrachloroethene	166	9.099	9.099	0.000	86	4180	1.00	0.9156	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	76	4415	1.00	0.8374	
90 2-Hexanone	43	9.340	9.340	0.000	89	7166	5.00	4.37	
93 n-Butyl acetate	43	9.487	9.487	0.000	84	3796	1.00	1.02	
91 Chlorodibromomethane	129	9.529	9.529	0.000	62	2814	1.00	0.7912	
92 Ethylene Dibromide	107	9.728	9.728	0.000	72	2708	1.00	0.8523	
* 94 Chlorobenzene-d5	117	10.415	10.415	0.000	87	395824	50.0	50.0	
95 Chlorobenzene	112	10.457	10.457	0.000	68	8798	1.00	0.8928	
97 Ethylbenzene	106	10.598	10.598	0.000	94	4313	1.00	0.7919	
96 1,1,1,2-Tetrachloroethane	131	10.604	10.604	0.000	32	2940	1.00	0.7720	M
98 m-Xylene & p-Xylene	106	10.792	10.792	0.000	90	6151	1.00	0.9350	
101 n-Butyl acrylate	73	11.395	11.395	0.000	62	1967	1.00	0.8767	
99 o-Xylene	106	11.411	11.411	0.000	89	5594	1.00	0.8800	
100 Styrene	104	11.442	11.442	0.000	89	8733	1.00	0.8727	
102 Bromoform	173	11.705	11.705	0.000	42	1781	1.00	0.7286	
103 Amyl acetate (mixed isomers)	43	11.715	11.715	0.000	79	4823	1.00	1.09	
104 Isopropylbenzene	105	11.904	11.904	0.000	84	13538	1.00	0.8862	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	90	176296	50.0	50.6	
106 Bromobenzene	156	12.308	12.308	0.000	84	3820	1.00	0.8393	
107 1,1,2,2-Tetrachloroethane	83	12.355	12.355	0.000	70	2893	1.00	0.8054	
108 1,2,3-Trichloropropane	110	12.412	12.412	0.000	42	1264	1.00	0.9013	
110 N-Propylbenzene	91	12.418	12.418	0.000	95	17190	1.00	0.8752	
109 trans-1,4-Dichloro-2-butene	53	12.428	12.428	0.000	30	1074	1.00	0.8691	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	84	13153	1.00	0.9122	
112 4-Ethyltoluene	105	12.554	12.554	0.000	90	15048	1.00	0.9153	
114 1,3,5-Trimethylbenzene	105	12.633	12.633	0.000	87	13512	1.00	0.9355	
113 4-Chlorotoluene	91	12.669	12.669	0.000	88	12132	1.00	0.8818	M
115 Butyl Methacrylate	87	12.748	12.748	0.000	76	3657	1.00	0.8819	
116 tert-Butylbenzene	119	12.973	12.973	0.000	81	11084	1.00	0.9004	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	89	13261	1.00	0.9004	
118 sec-Butylbenzene	105	13.204	13.204	0.000	93	14774	1.00	0.8995	
119 1,3-Dichlorobenzene	146	13.335	13.335	0.000	89	7389	1.00	0.9161	
122 4-Isopropyltoluene	119	13.351	13.351	0.000	84	13757	1.00	0.9413	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	96	238952	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.440	13.440	0.000	84	8149	1.00	0.9829	a
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	90	14138	1.00	0.9486	
124 Benzyl chloride	91	13.576	13.576	0.000	91	6169	1.00	0.7909	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	85	10860	1.00	0.8816	
127 p-Diethylbenzene	119	13.723	13.723	0.000	90	7612	1.00	0.8963	
128 n-Butylbenzene	92	13.744	13.744	0.000	93	6203	1.00	0.9048	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	86	7148	1.00	0.9646	
130 1,2,4,5-Tetramethylbenzene	119	14.426	14.426	0.000	88	12623	1.00	0.99	
129 1,2-Dibromo-3-Chloropropane	157	14.504	14.504	0.000	44	714	1.00	0.8479	
131 1,3,5-Trichlorobenzene	180	14.641	14.641	0.000	85	4993	1.00	0.9656	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	83	4797	1.00	1.09	
133 Hexachlorobutadiene	225	15.244	15.244	0.000	69	4541	1.00	1.90	
134 Naphthalene	128	15.349	15.349	0.000	95	12572	1.00	1.21	
135 1,2,3-Trichlorobenzene	180	15.548	15.548	0.000	85	4633	1.00	1.25	
S 136 1,2-Dichloroethene, Total	100				0		2.00	1.83	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		2.00	1.81	
S 140 Total BTEX	1				0		5.00	4.36	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.58	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00203	Amount Added:	10.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
GASES Li_00637	Amount Added:	10.00	Units: uL	
14DIOXINTER_00183	Amount Added:	30.00	Units: uL	
524FREONS_00033	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:09:59 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15

Lims ID: STD1

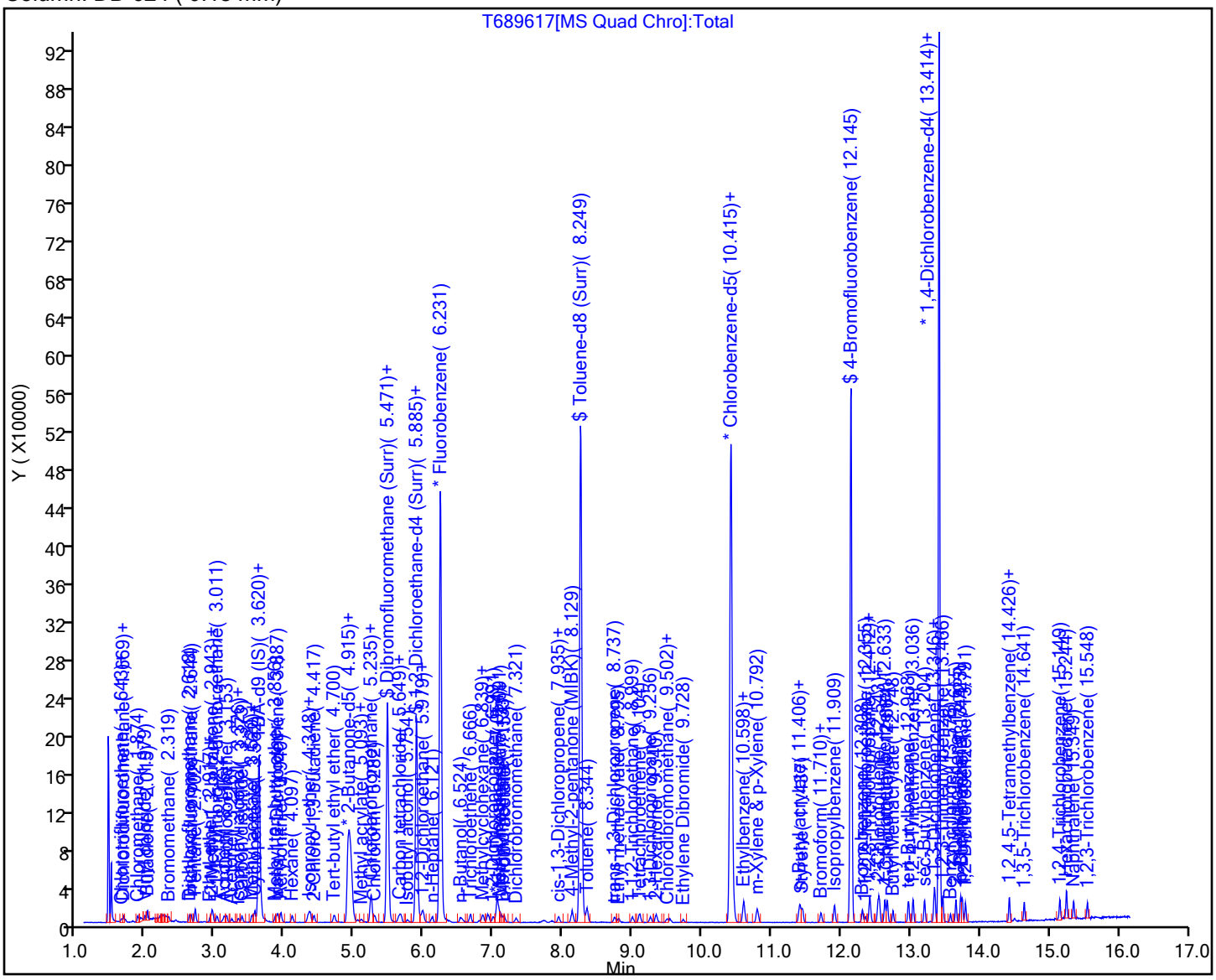
Client ID:

Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

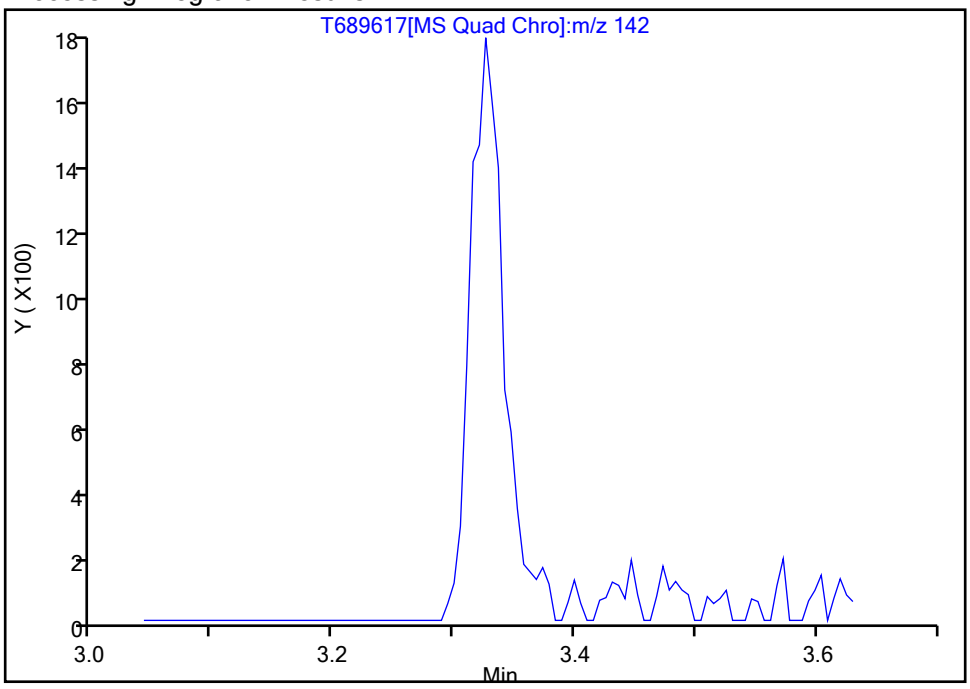
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

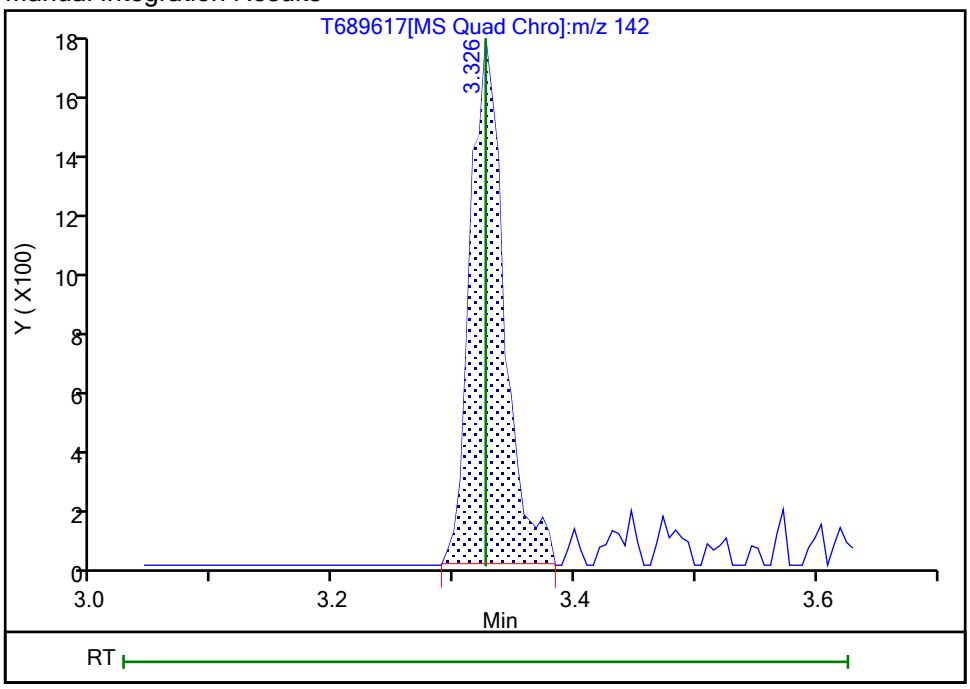
Not Detected
Expected RT: 3.33

Processing Integration Results



Manual Integration Results

RT: 3.33
Area: 3474
Amount: 0.846421
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:17:42 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Missed Peak

Eurofins Edison

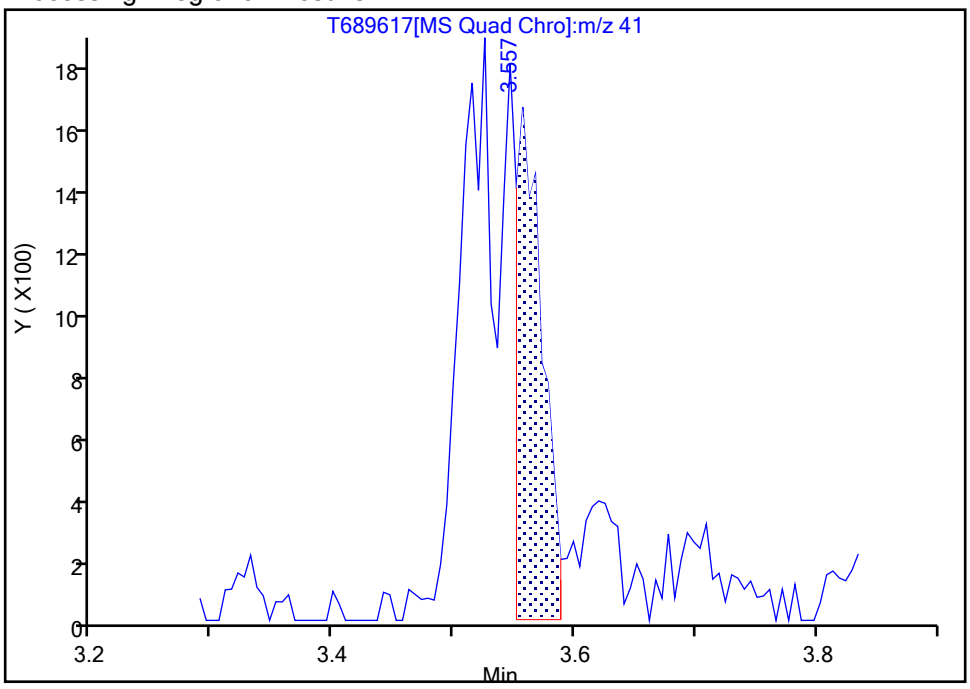
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

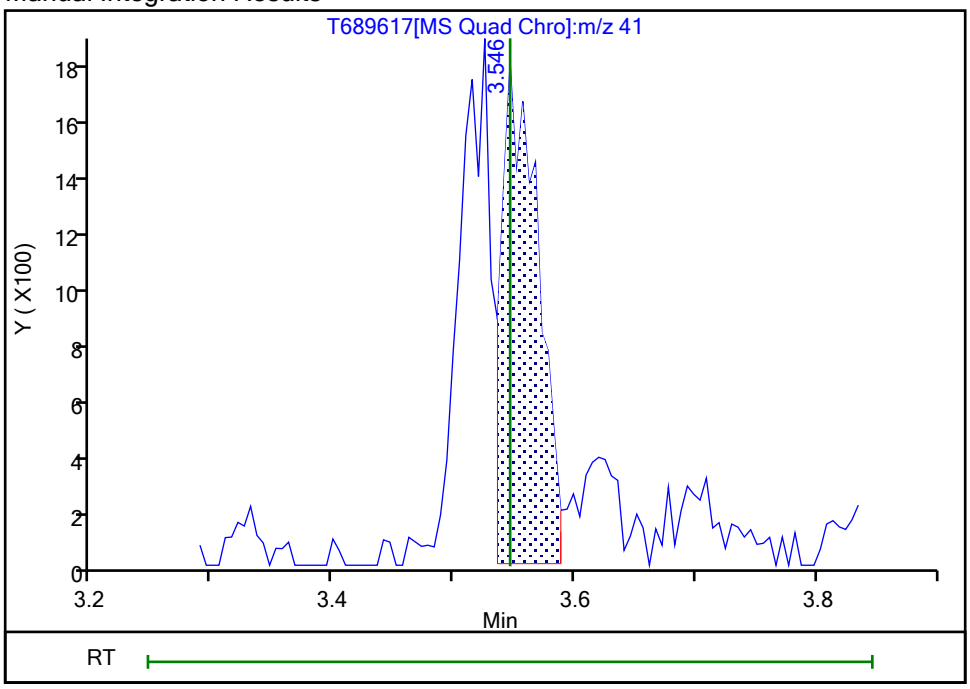
Processing Integration Results

RT: 3.56
Area: 2531
Amount: 7.192921
Amount Units: ug/l



Manual Integration Results

RT: 3.55
Area: 3787
Amount: 8.517045
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:27:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

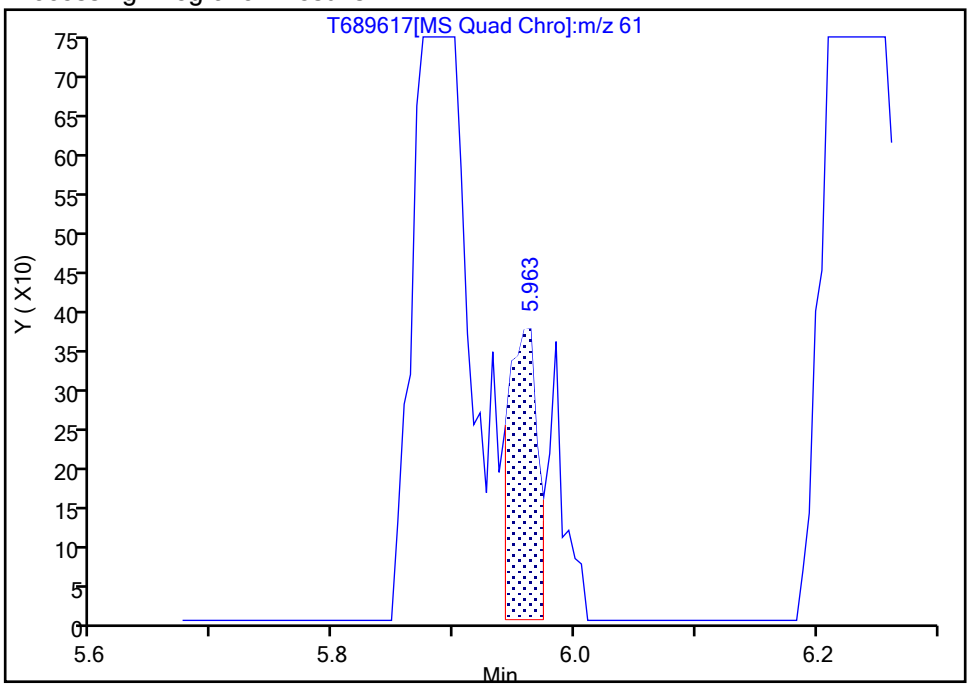
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

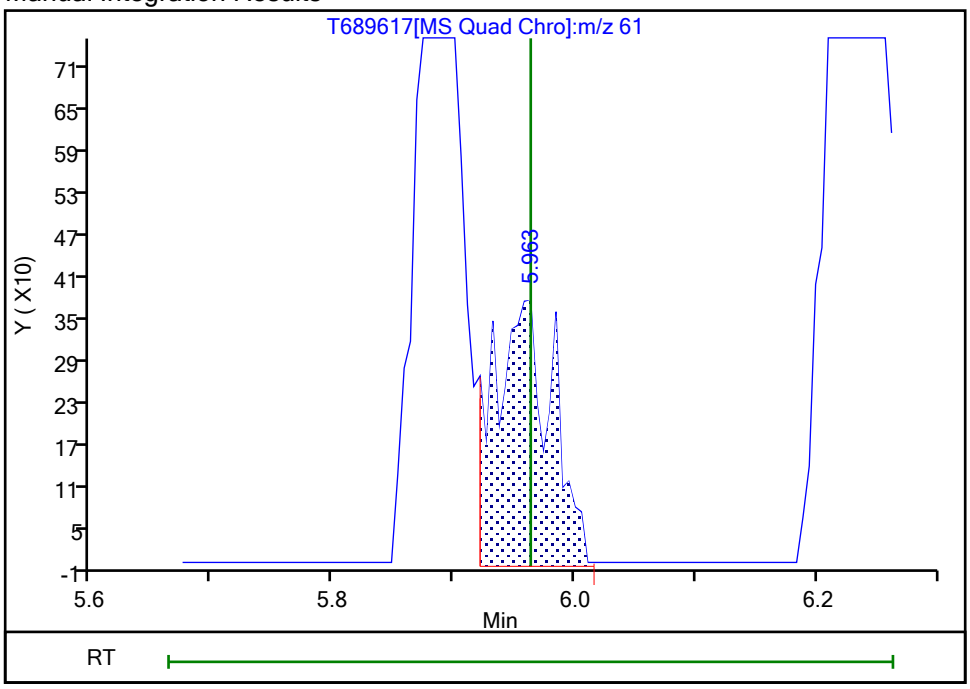
Processing Integration Results

RT: 5.96
Area: 642
Amount: 0.441104
Amount Units: ug/l



Manual Integration Results

RT: 5.96
Area: 1264
Amount: 0.818495
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:26:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

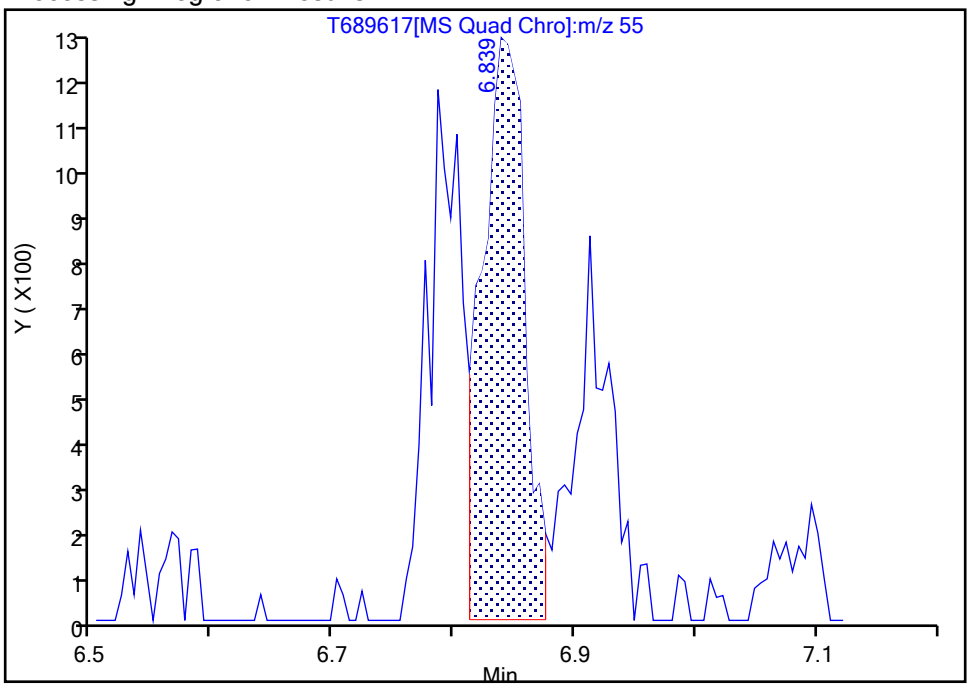
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

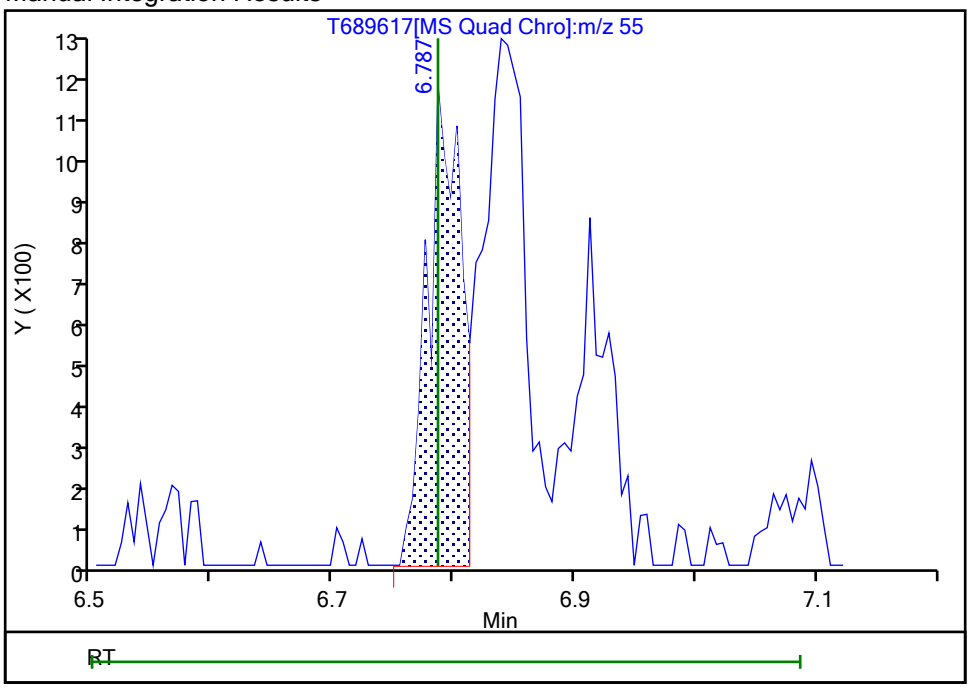
Processing Integration Results

RT: 6.84
Area: 3241
Amount: 0.892500
Amount Units: ug/l



Manual Integration Results

RT: 6.79
Area: 2301
Amount: 0.657976
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:43:59 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

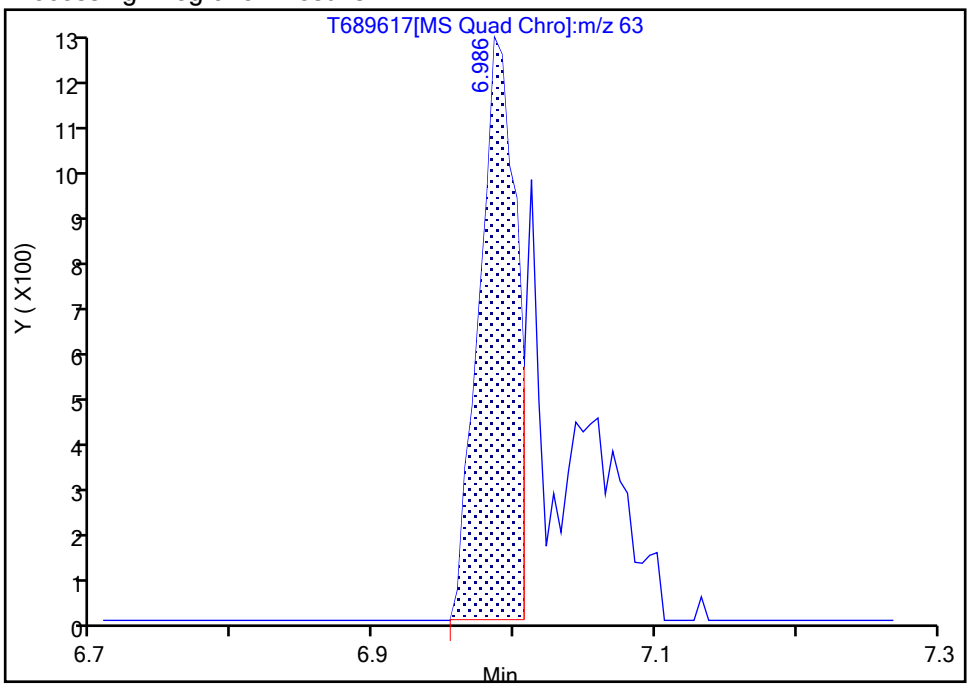
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

71 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

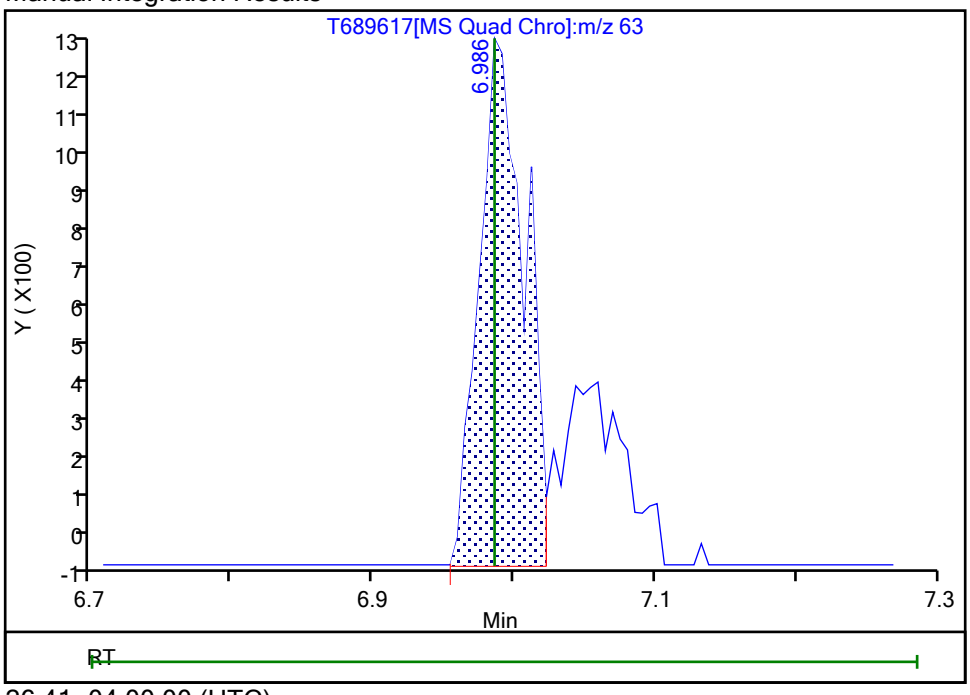
Processing Integration Results

RT: 6.99
Area: 2342
Amount: 0.752202
Amount Units: ug/l



Manual Integration Results

RT: 6.99
Area: 2848
Amount: 0.896507
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:26:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

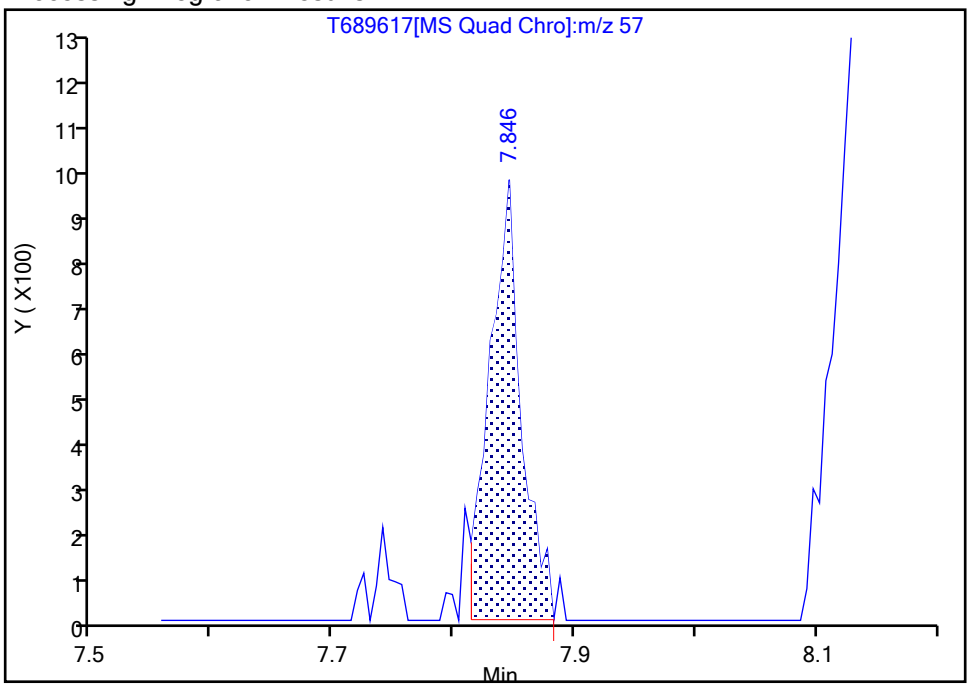
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

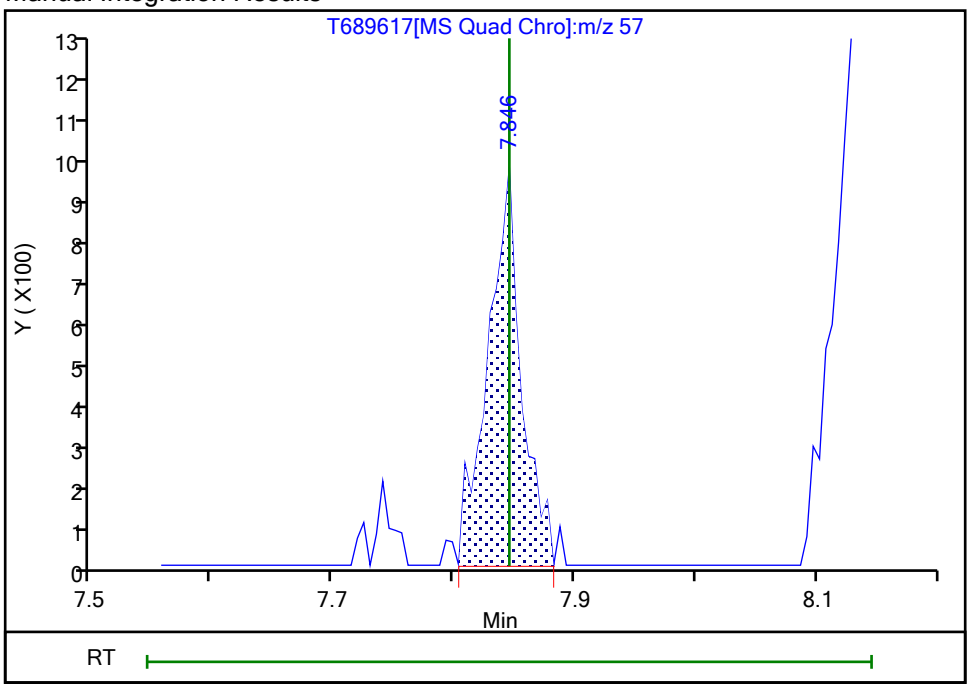
Processing Integration Results

RT: 7.85
Area: 1785
Amount: 10.170191
Amount Units: ug/l



Manual Integration Results

RT: 7.85
Area: 1863
Amount: 10.614798
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:45:03 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

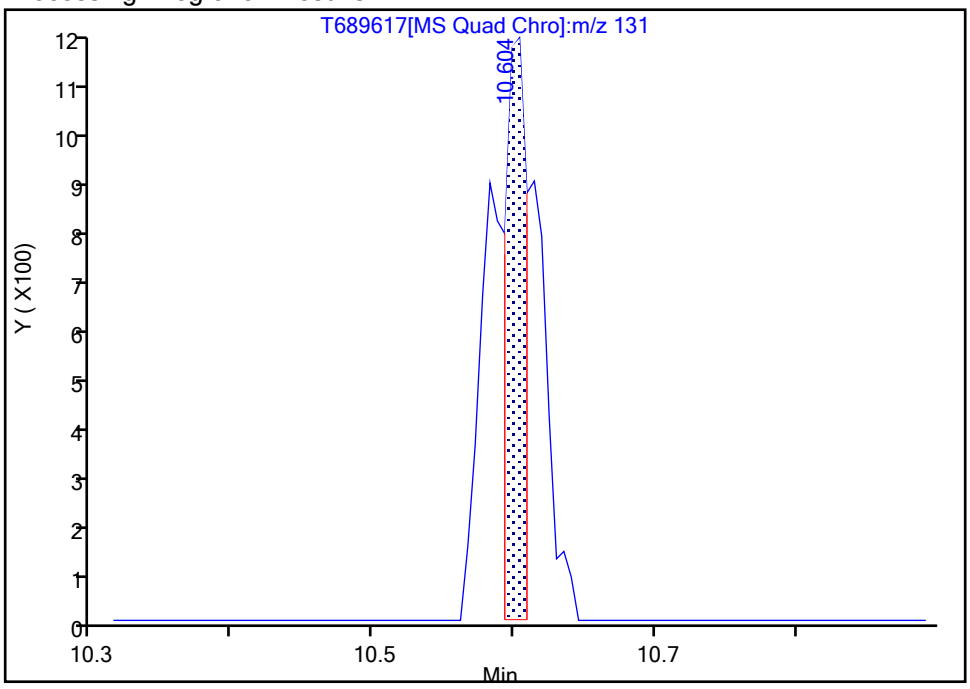
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

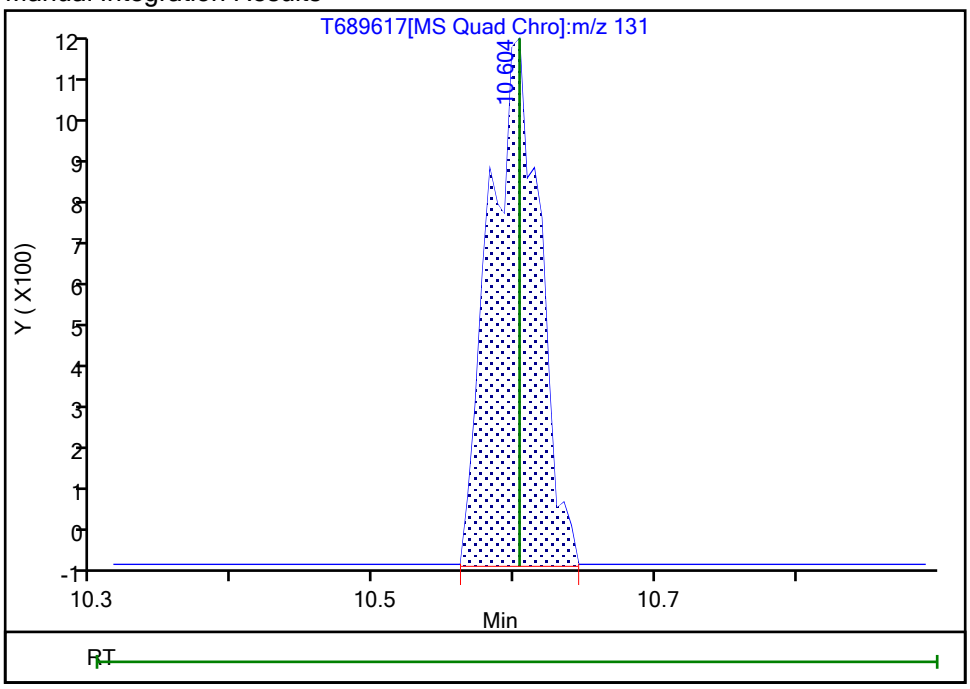
Processing Integration Results

RT: 10.60
Area: 1258
Amount: 0.352582
Amount Units: ug/l



Manual Integration Results

RT: 10.60
Area: 2940
Amount: 0.772008
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:46:15 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

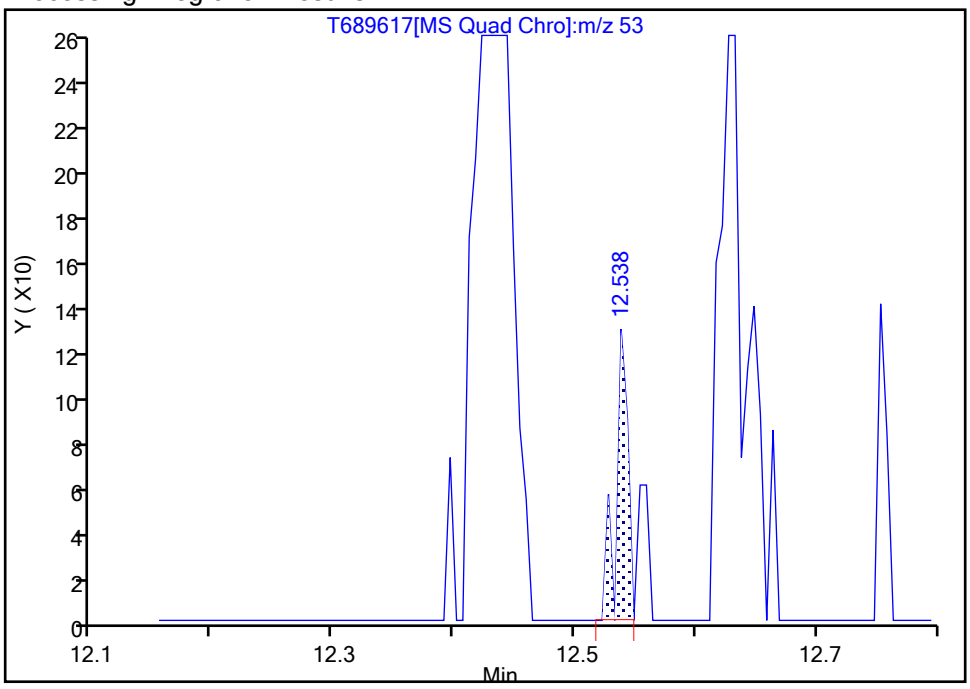
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

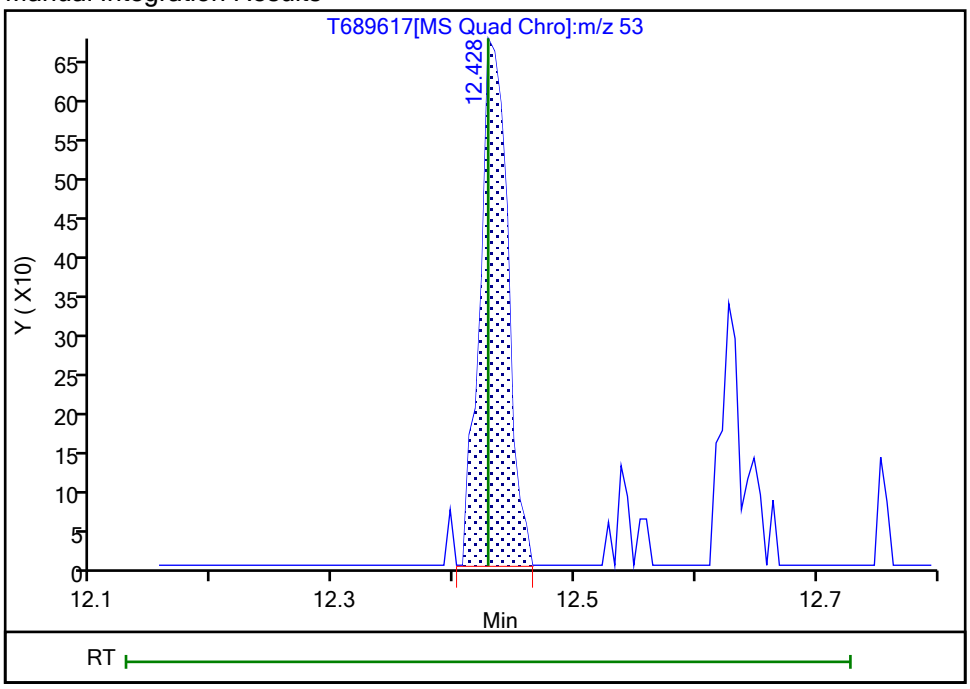
Processing Integration Results

RT: 12.54
Area: 85
Amount: 0.093229
Amount Units: ug/l



Manual Integration Results

RT: 12.43
Area: 1074
Amount: 0.869081
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:18:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

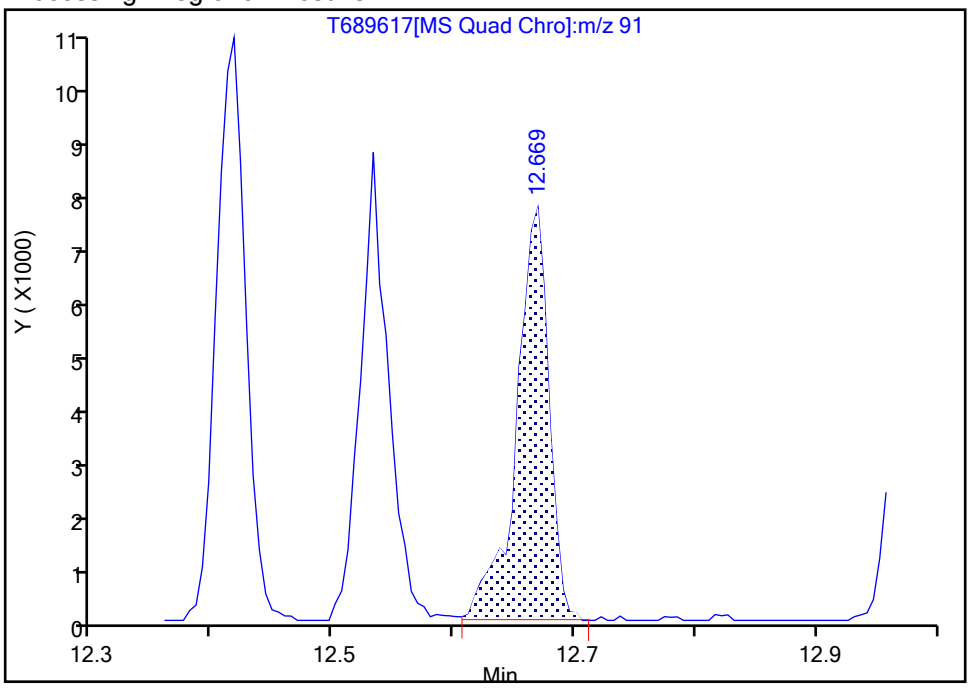
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

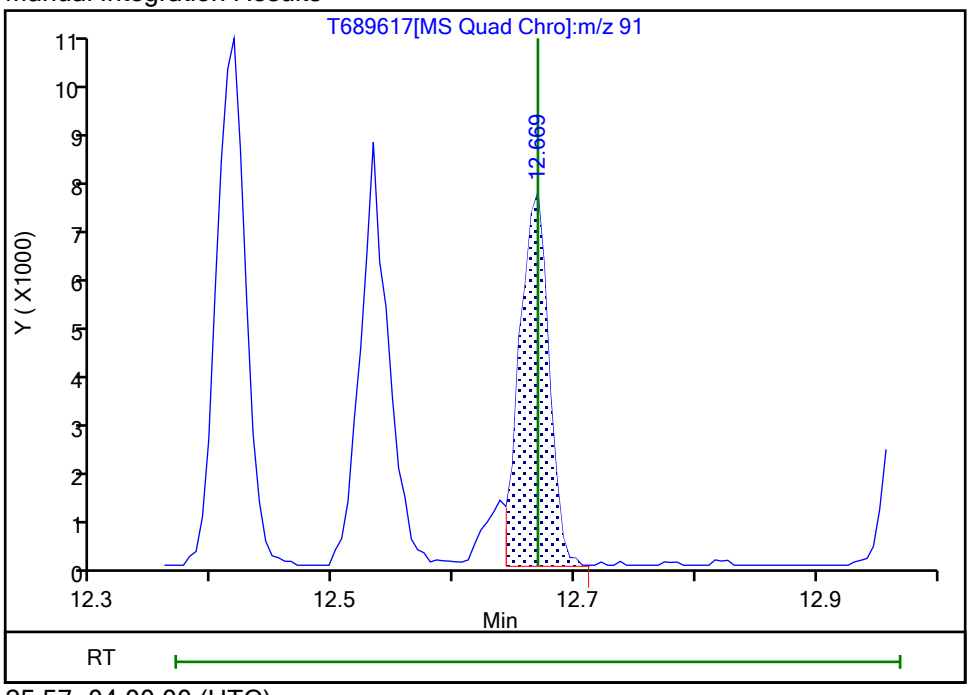
Processing Integration Results

RT: 12.67
Area: 13511
Amount: 0.968149
Amount Units: ug/l



Manual Integration Results

RT: 12.67
Area: 12132
Amount: 0.881782
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:25:57 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison

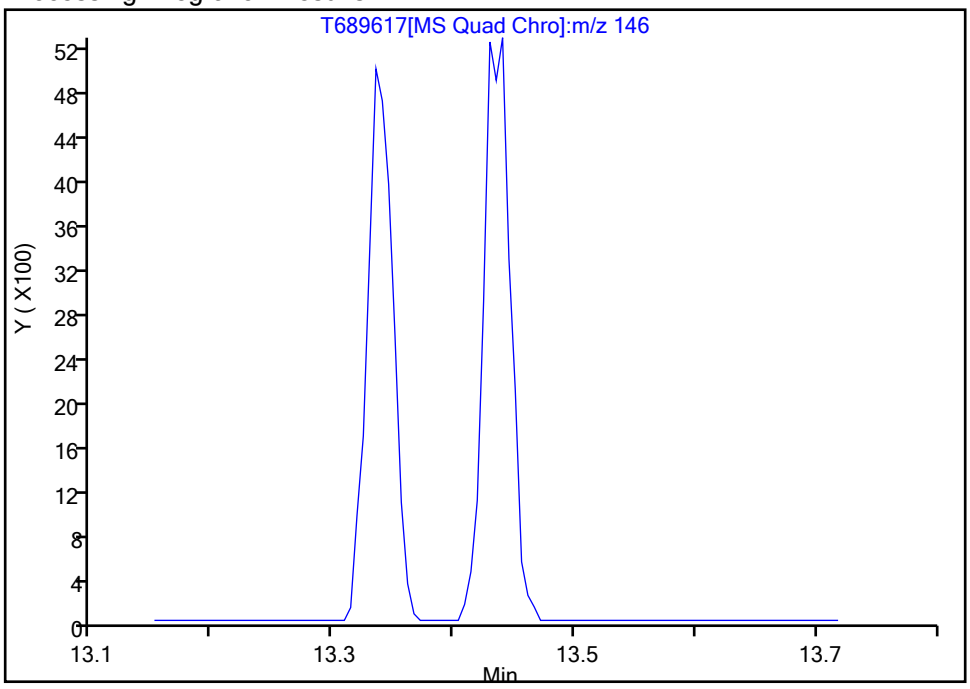
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D
Injection Date: 19-Apr-2025 10:26:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

121 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

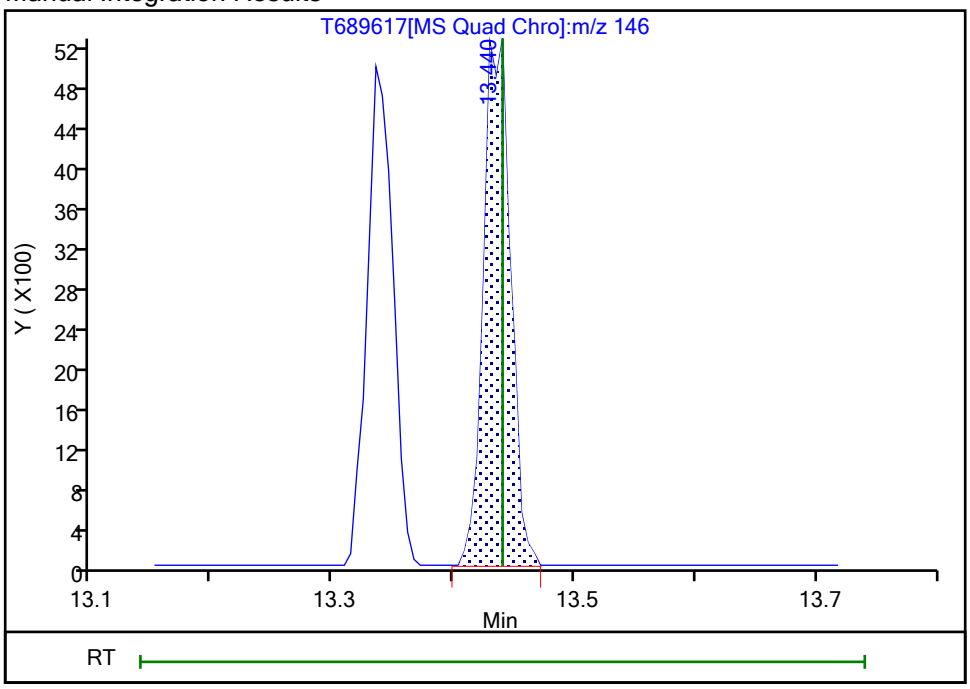
Not Detected
Expected RT: 13.44

Processing Integration Results



Manual Integration Results

RT: 13.44
Area: 8149
Amount: 0.982869
Amount Units: ug/l



Reviewer: FK2C, 20-Apr-2025 06:17:19 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

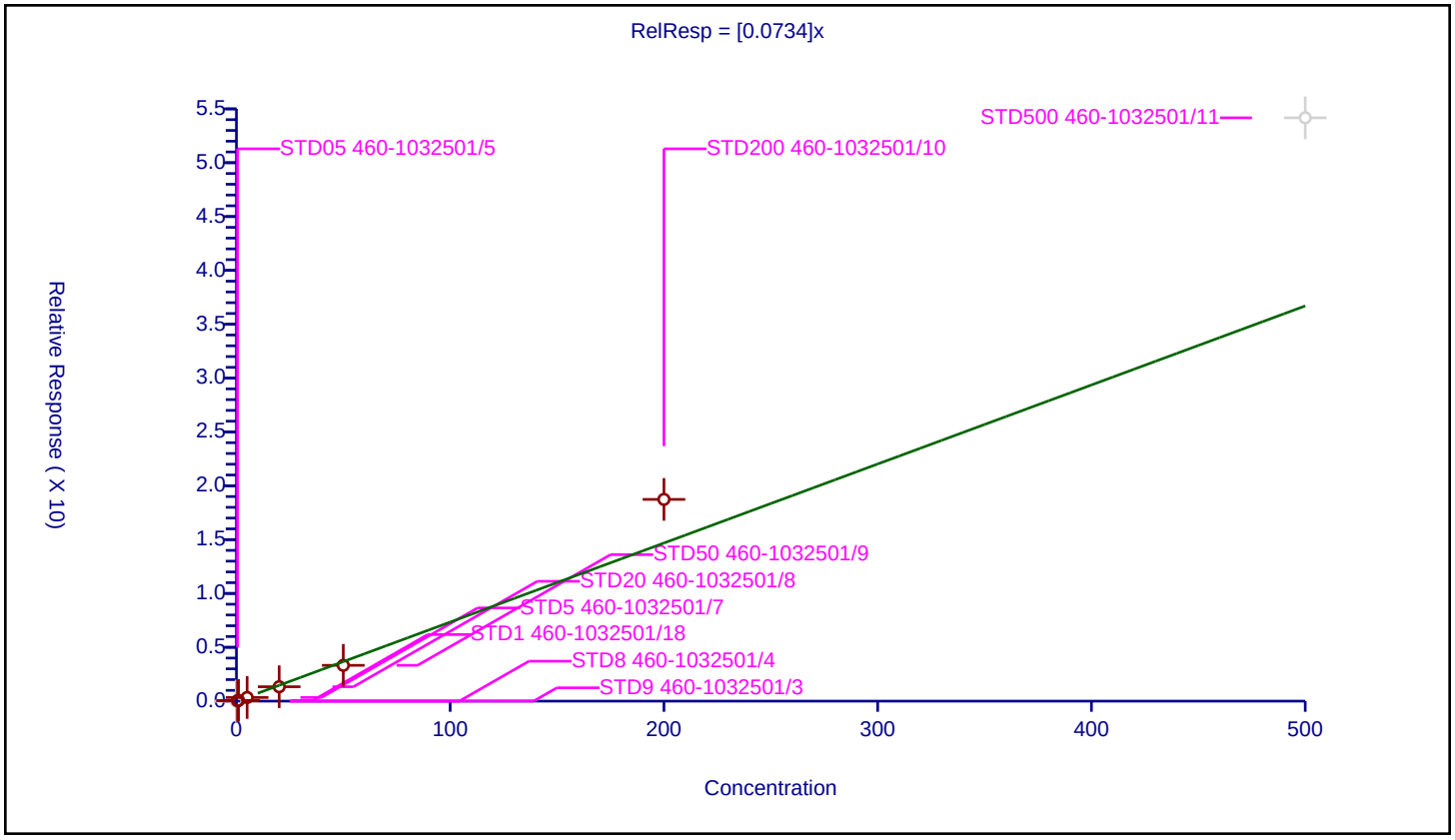
Curve Coefficients

Intercept:	0
Slope:	0.0734

Error Coefficients

Relative Standard Deviation:	15.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.0	0.0	50.0	505169.0	NaN	N
2	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
3	STD05 460-1032501/5	0.5	0.039554	50.0	519546.0	0.079108	Y
4	STD1 460-1032501/18	1.0	0.06661	50.0	484909.0	0.06661	Y
5	STD5 460-1032501/7	5.0	0.338247	50.0	512348.0	0.067649	Y
6	STD20 460-1032501/8	20.0	1.337774	50.0	531405.0	0.066889	Y
7	STD50 460-1032501/9	50.0	3.324281	50.0	531363.0	0.066486	Y
8	STD200 460-1032501/10	200.0	18.735428	50.0	540863.0	0.093677	Y
9	STD500 460-1032501/11	500.0	54.171763	50.0	550187.0	0.108344	N



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

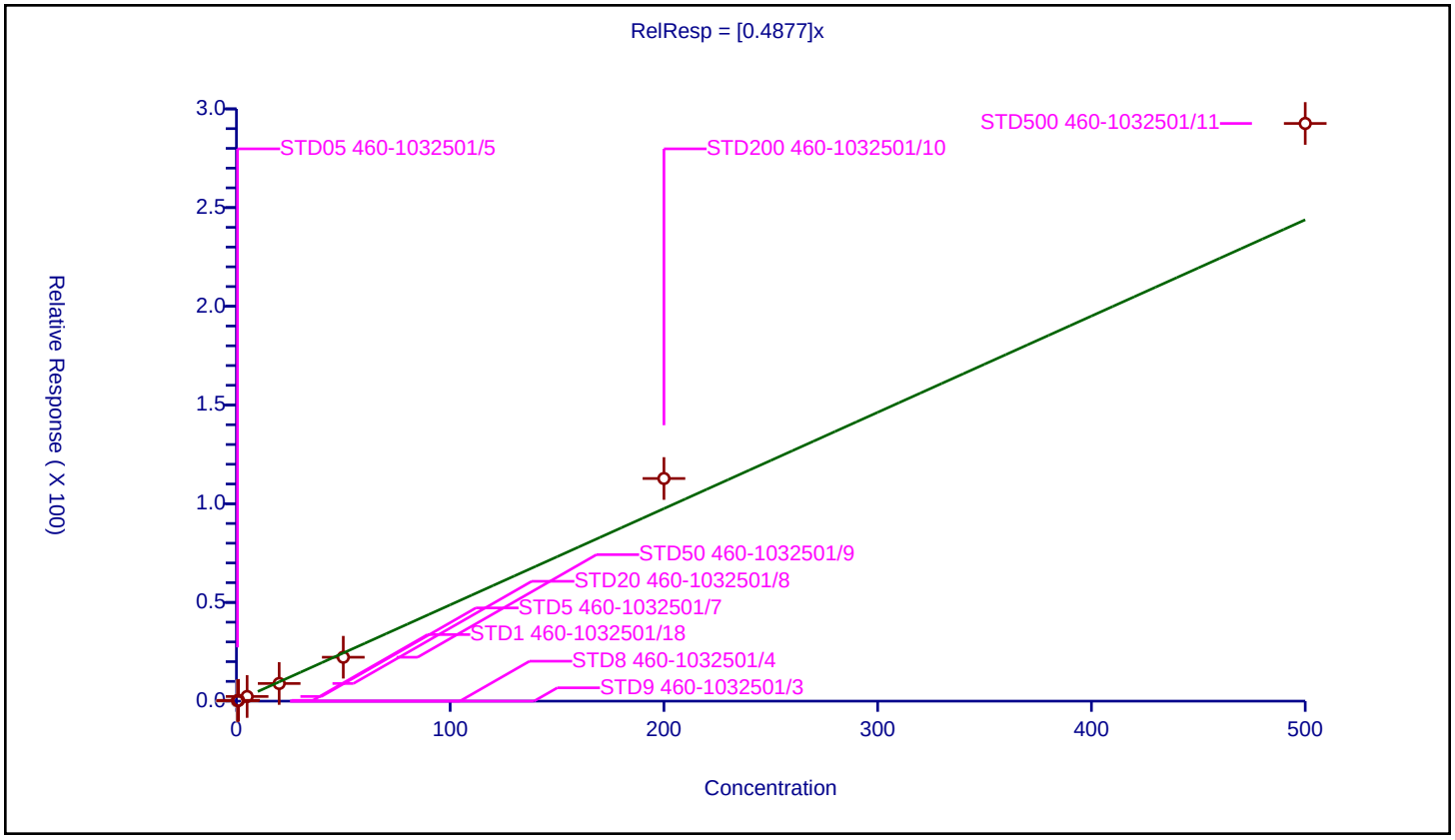
Curve Coefficients

Intercept:	0
Slope:	0.4877

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.0	50.0	549239.0	0.0	N
3	STD05 460-1032501/5	0.5	0.250796	50.0	519546.0	0.501592	Y
4	STD1 460-1032501/18	1.0	0.401106	50.0	484909.0	0.401106	Y
5	STD5 460-1032501/7	5.0	2.350648	50.0	512348.0	0.47013	Y
6	STD20 460-1032501/8	20.0	8.93838	50.0	531405.0	0.446919	Y
7	STD50 460-1032501/9	50.0	22.238187	50.0	531363.0	0.444764	Y
8	STD200 460-1032501/10	200.0	112.77782	50.0	540863.0	0.563889	Y
9	STD500 460-1032501/11	500.0	292.623417	50.0	550187.0	0.585247	Y



Calibration / Chlorodifluoromethane

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

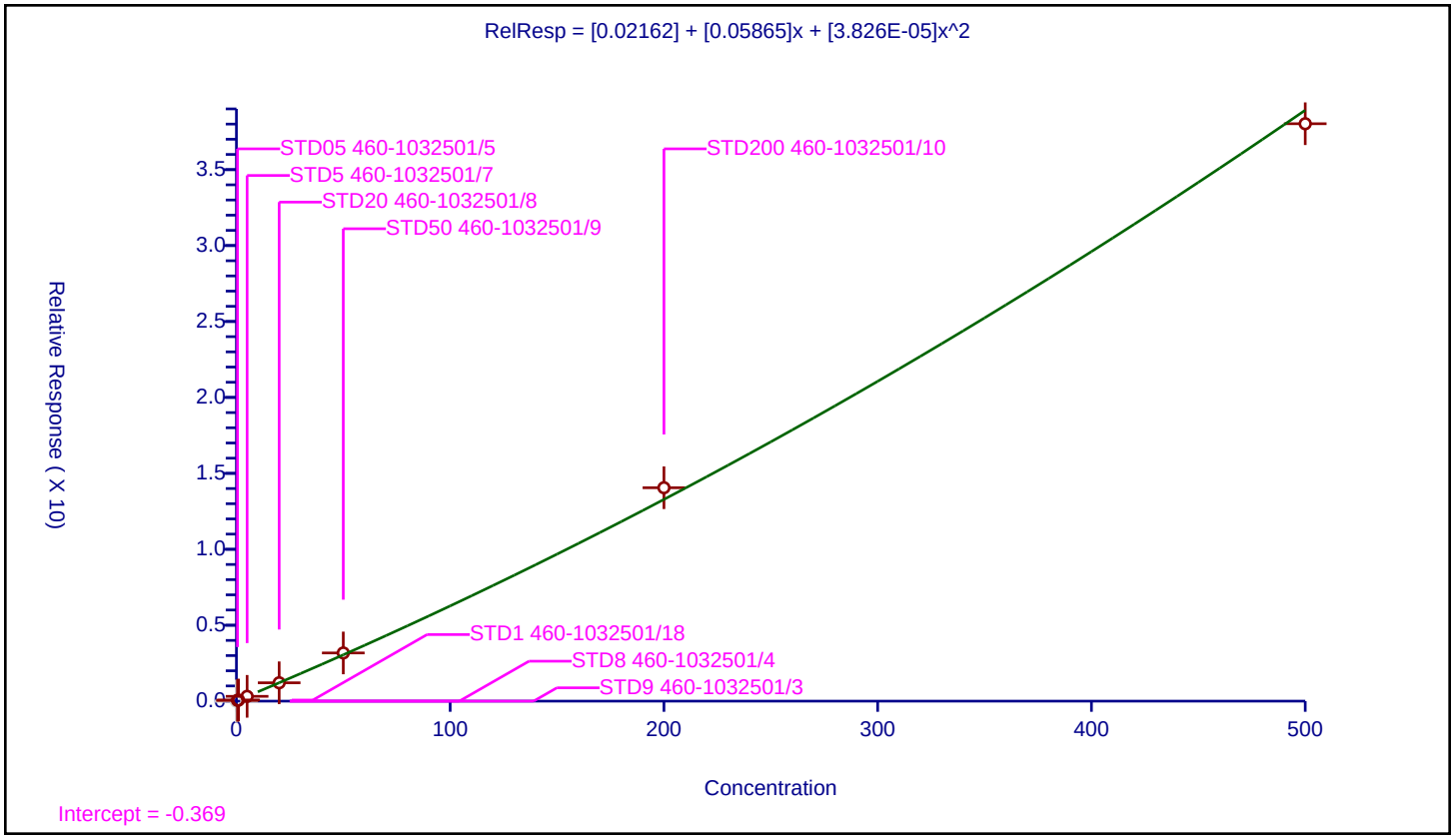
Curve Coefficients

Intercept:	0.02162
Slope:	0.05865
Second Order:	3.826E-05

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.0	0.0	50.0	505169.0	NaN	N
2	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
3	STD05 460-1032501/5	0.5	0.05322	50.0	519546.0	0.106439	Y
4	STD1 460-1032501/18	1.0	0.071147	50.0	484909.0	0.071147	Y
5	STD5 460-1032501/7	5.0	0.316094	50.0	512348.0	0.063219	Y
6	STD20 460-1032501/8	20.0	1.210094	50.0	531405.0	0.060505	Y
7	STD50 460-1032501/9	50.0	3.173349	50.0	531363.0	0.063467	Y
8	STD200 460-1032501/10	200.0	14.053651	50.0	540863.0	0.070268	Y
9	STD500 460-1032501/11	500.0	38.023708	50.0	550187.0	0.076047	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

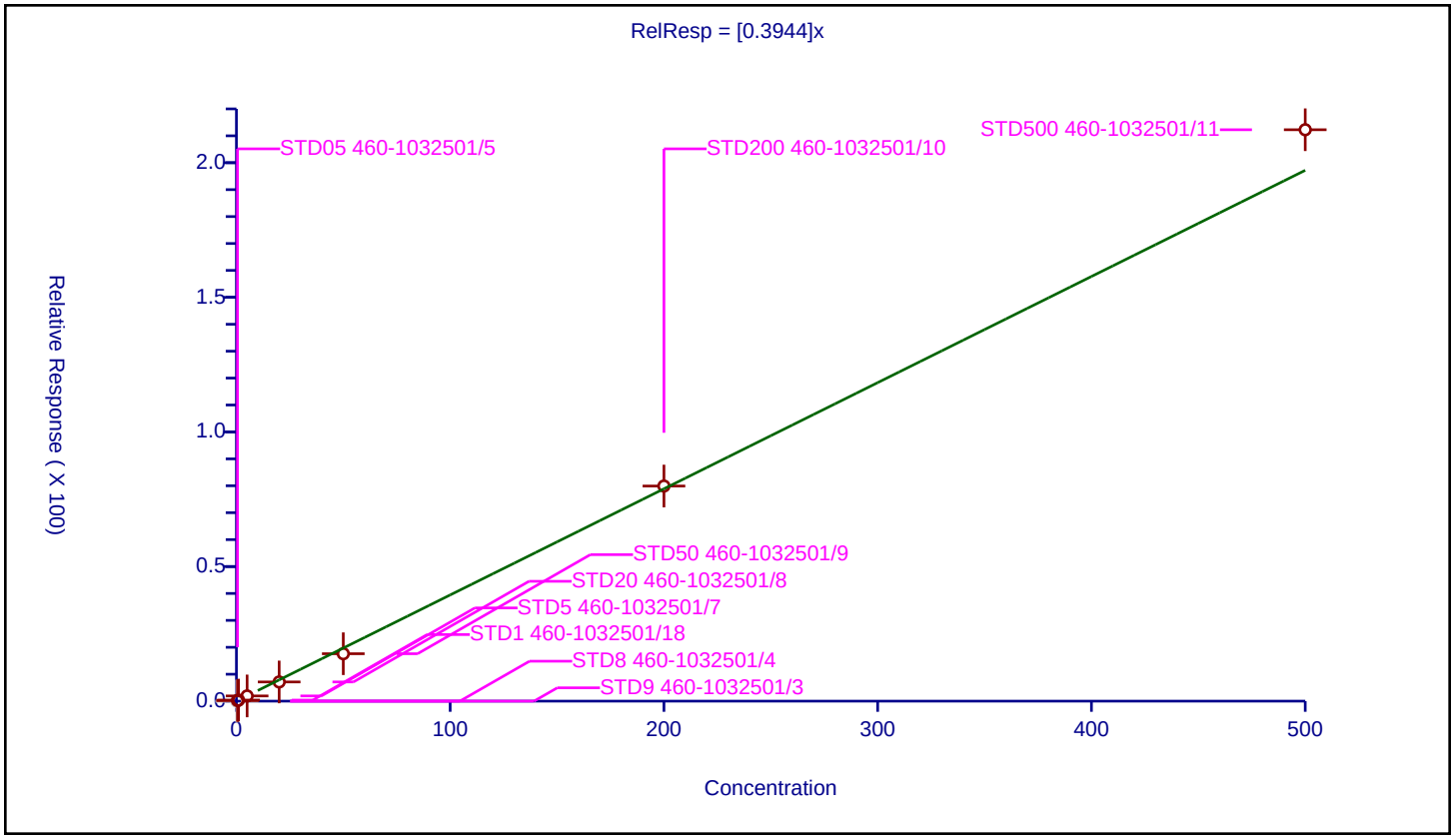
Curve Coefficients

Intercept:	0
Slope:	0.3944

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.0	50.0	549239.0	0.0	N
3	STD05 460-1032501/5	0.5	0.227218	50.0	519546.0	0.454435	Y
4	STD1 460-1032501/18	1.0	0.386567	50.0	484909.0	0.386567	Y
5	STD5 460-1032501/7	5.0	1.933061	50.0	512348.0	0.386612	Y
6	STD20 460-1032501/8	20.0	7.132978	50.0	531405.0	0.356649	Y
7	STD50 460-1032501/9	50.0	17.611125	50.0	531363.0	0.352222	Y
8	STD200 460-1032501/10	200.0	79.910624	50.0	540863.0	0.399553	Y
9	STD500 460-1032501/11	500.0	212.253016	50.0	550187.0	0.424506	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

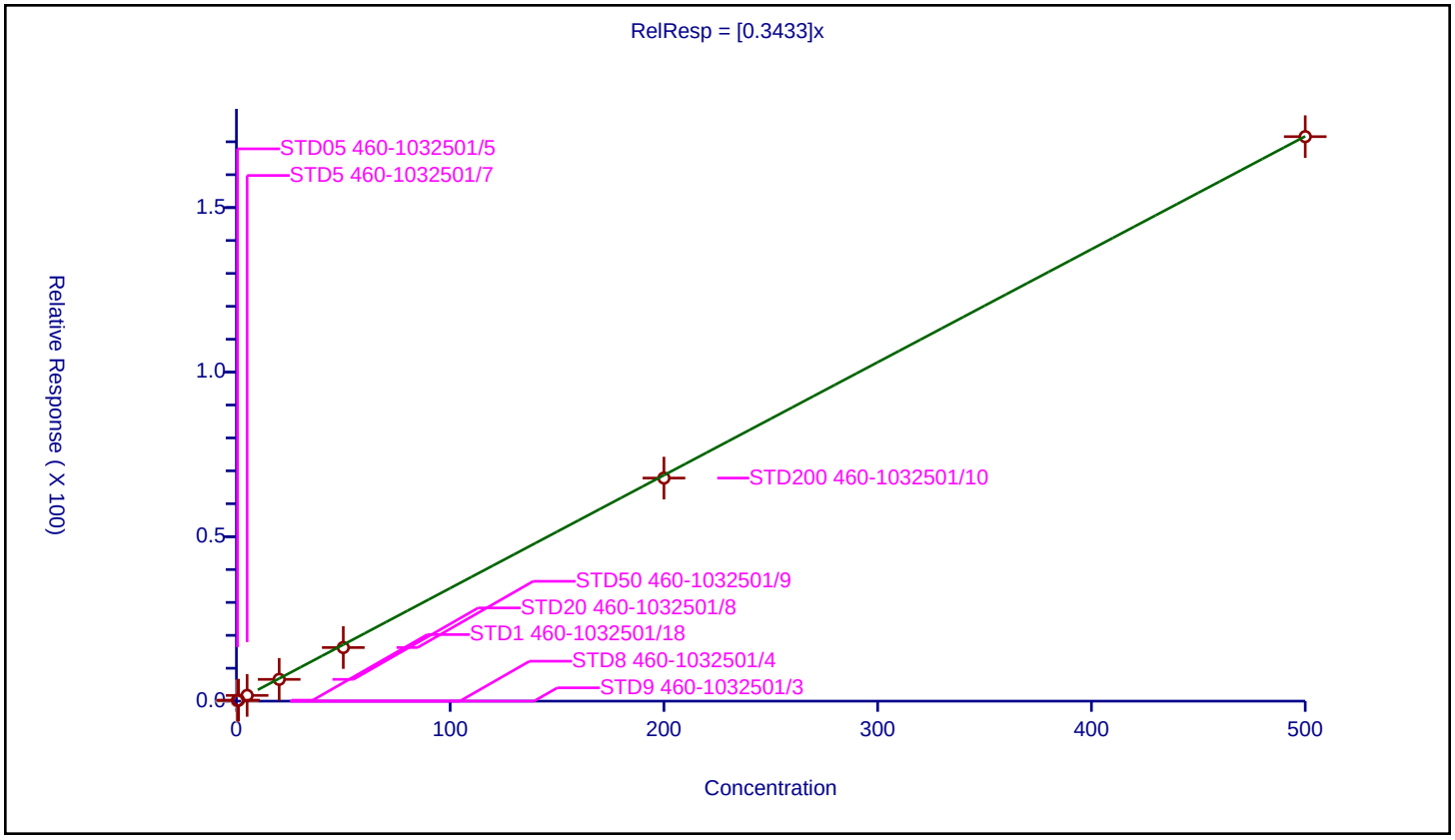
Curve Coefficients

Intercept:	0
Slope:	0.3433

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.0	50.0	549239.0	0.0	N
3	STD05 460-1032501/5	0.5	0.211723	50.0	519546.0	0.423447	Y
4	STD1 460-1032501/18	1.0	0.292426	50.0	484909.0	0.292426	Y
5	STD5 460-1032501/7	5.0	1.743737	50.0	512348.0	0.348747	Y
6	STD20 460-1032501/8	20.0	6.61614	50.0	531405.0	0.330807	Y
7	STD50 460-1032501/9	50.0	16.291405	50.0	531363.0	0.325828	Y
8	STD200 460-1032501/10	200.0	67.801181	50.0	540863.0	0.339006	Y
9	STD500 460-1032501/11	500.0	171.56794	50.0	550187.0	0.343136	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

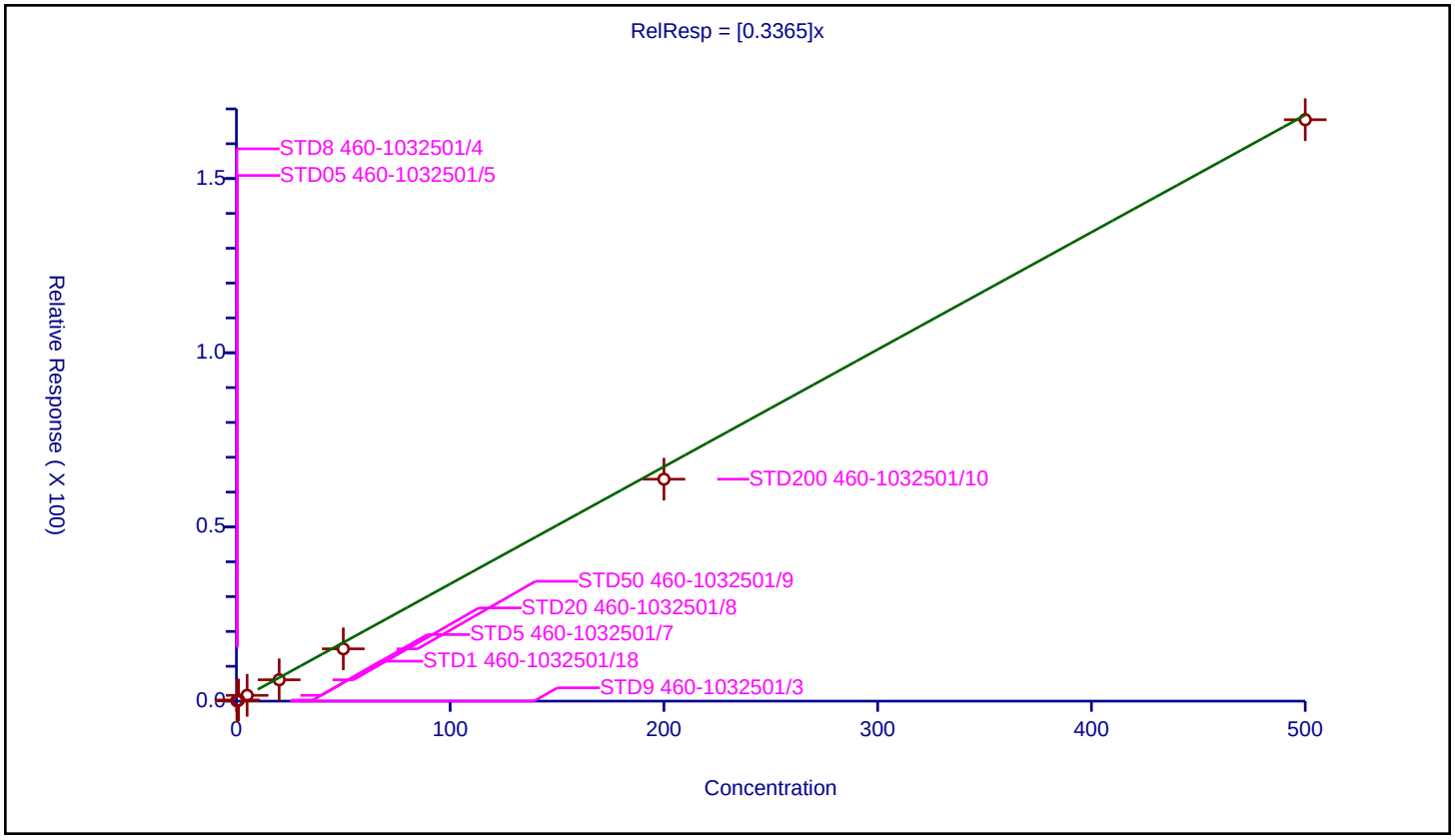
Curve Coefficients

Intercept:	0
Slope:	0.3365

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.086756	50.0	549239.0	0.347026	Y
3	STD05 460-1032501/5	0.5	0.220673	50.0	519546.0	0.441347	Y
4	STD1 460-1032501/18	1.0	0.31212	50.0	484909.0	0.31212	Y
5	STD5 460-1032501/7	5.0	1.661273	50.0	512348.0	0.332255	Y
6	STD20 460-1032501/8	20.0	6.128659	50.0	531405.0	0.306433	Y
7	STD50 460-1032501/9	50.0	15.008384	50.0	531363.0	0.300168	Y
8	STD200 460-1032501/10	200.0	63.713916	50.0	540863.0	0.31857	Y
9	STD500 460-1032501/11	500.0	166.897618	50.0	550187.0	0.333795	Y



Calibration / Bromomethane

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

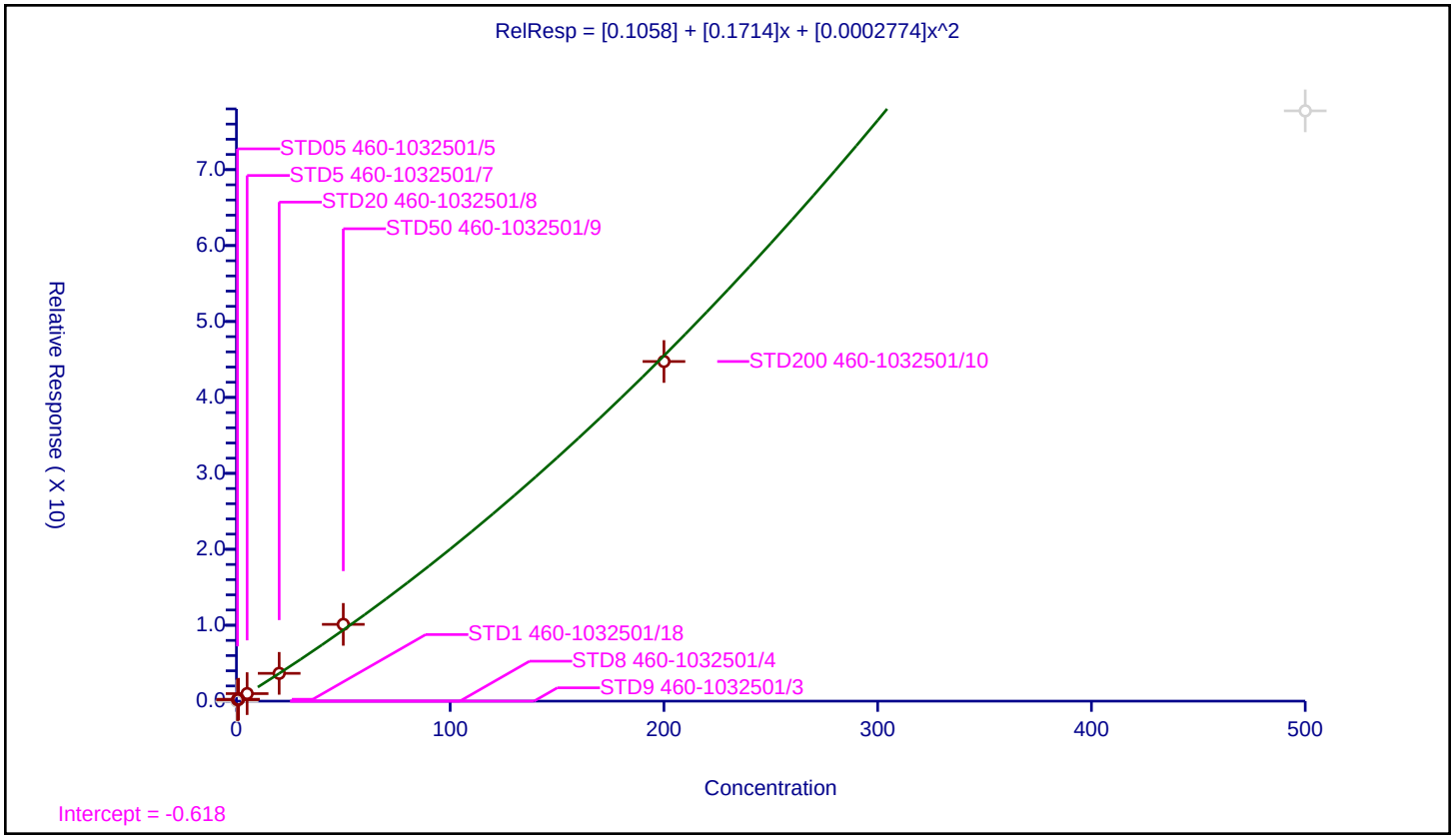
Curve Coefficients

Intercept:	0.1058
Slope:	0.1714
Second Order:	0.0002774

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.0	50.0	549239.0	0.0	N
3	STD05 460-1032501/5	0.5	0.198924	50.0	519546.0	0.397847	Y
4	STD1 460-1032501/18	1.0	0.247057	50.0	484909.0	0.247057	Y
5	STD5 460-1032501/7	5.0	0.99005	50.0	512348.0	0.19801	Y
6	STD20 460-1032501/8	20.0	3.658979	50.0	531405.0	0.182949	Y
7	STD50 460-1032501/9	50.0	10.110226	50.0	531363.0	0.202205	Y
8	STD200 460-1032501/10	200.0	44.7324	50.0	540863.0	0.223662	Y
9	STD500 460-1032501/11	500.0	77.740659	50.0	550187.0	0.155481	N



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

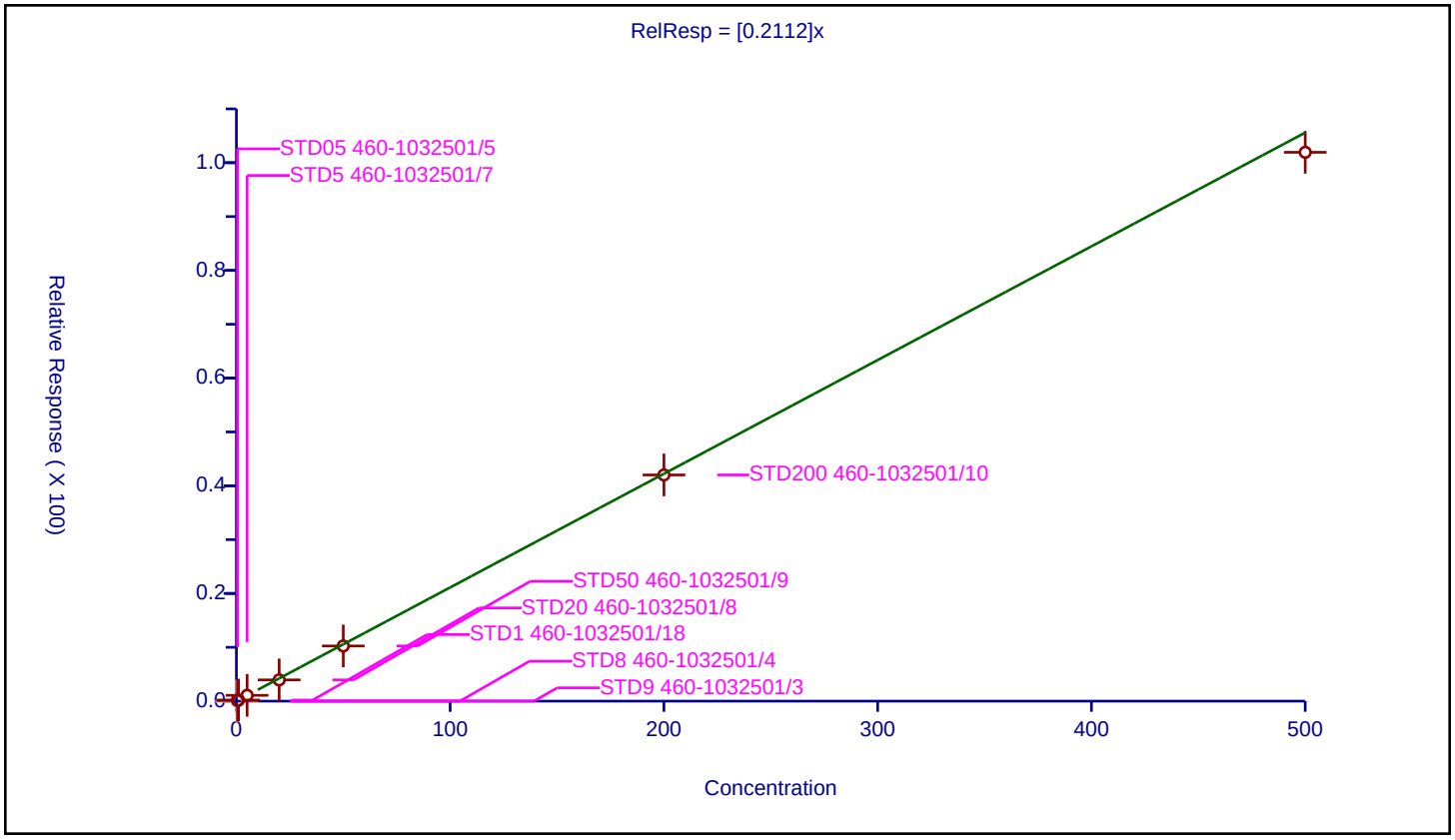
Curve Coefficients

Intercept:	0
Slope:	0.2112

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.0	50.0	549239.0	0.0	N
3	STD05 460-1032501/5	0.5	0.123954	50.0	519546.0	0.247909	Y
4	STD1 460-1032501/18	1.0	0.199419	50.0	484909.0	0.199419	Y
5	STD5 460-1032501/7	5.0	1.073977	50.0	512348.0	0.214795	Y
6	STD20 460-1032501/8	20.0	3.943979	50.0	531405.0	0.197199	Y
7	STD50 460-1032501/9	50.0	10.249208	50.0	531363.0	0.204984	Y
8	STD200 460-1032501/10	200.0	42.011655	50.0	540863.0	0.210058	Y
9	STD500 460-1032501/11	500.0	101.93616	50.0	550187.0	0.203872	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

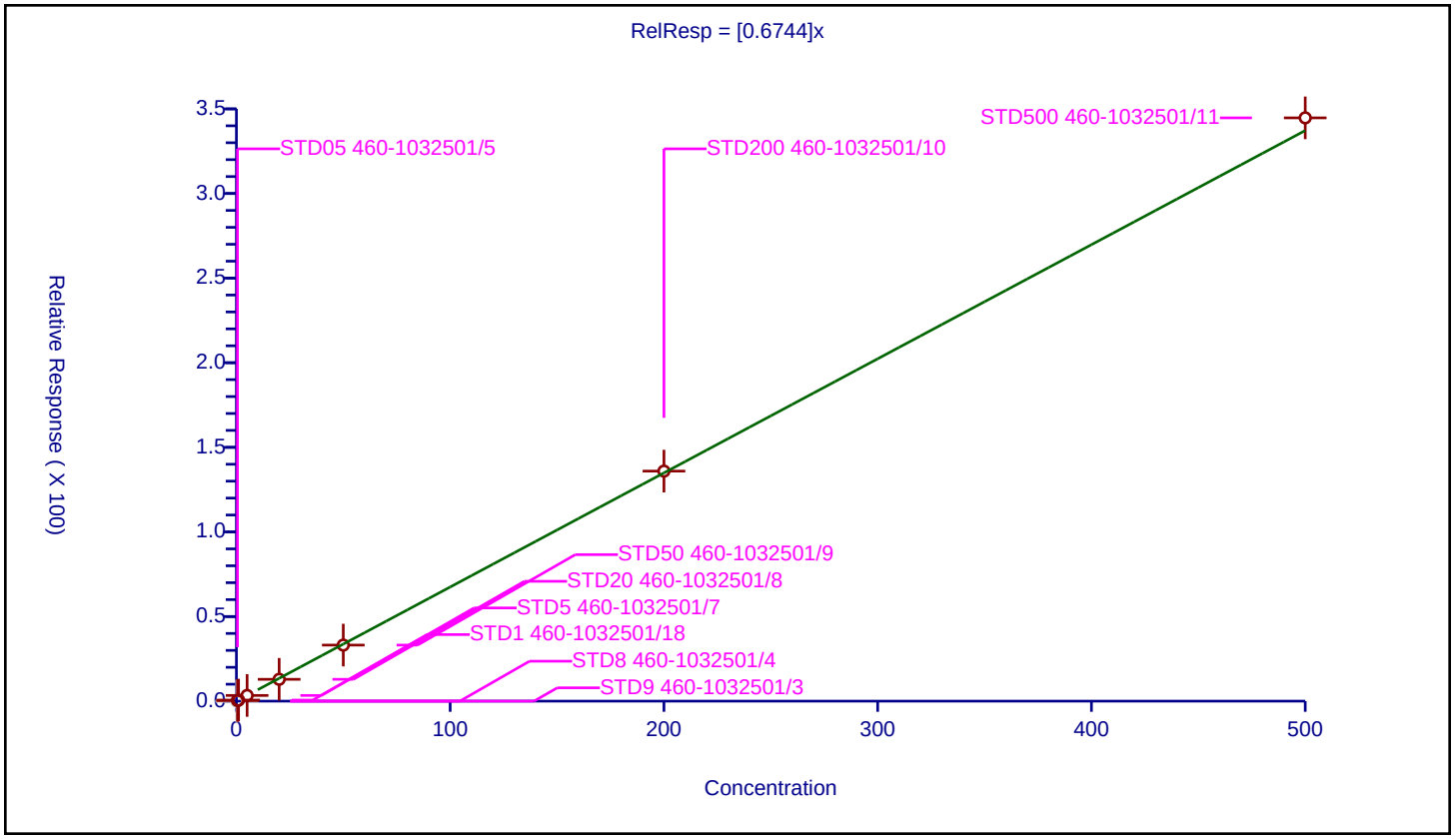
Curve Coefficients

Intercept:	0
Slope:	0.6744

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.0	50.0	549239.0	0.0	N
3	STD05 460-1032501/5	0.5	0.37398	50.0	519546.0	0.747961	Y
4	STD1 460-1032501/18	1.0	0.623003	50.0	484909.0	0.623003	Y
5	STD5 460-1032501/7	5.0	3.367633	50.0	512348.0	0.673527	Y
6	STD20 460-1032501/8	20.0	12.896096	50.0	531405.0	0.644805	Y
7	STD50 460-1032501/9	50.0	33.117473	50.0	531363.0	0.662349	Y
8	STD200 460-1032501/10	200.0	135.942743	50.0	540863.0	0.679714	Y
9	STD500 460-1032501/11	500.0	344.700802	50.0	550187.0	0.689402	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

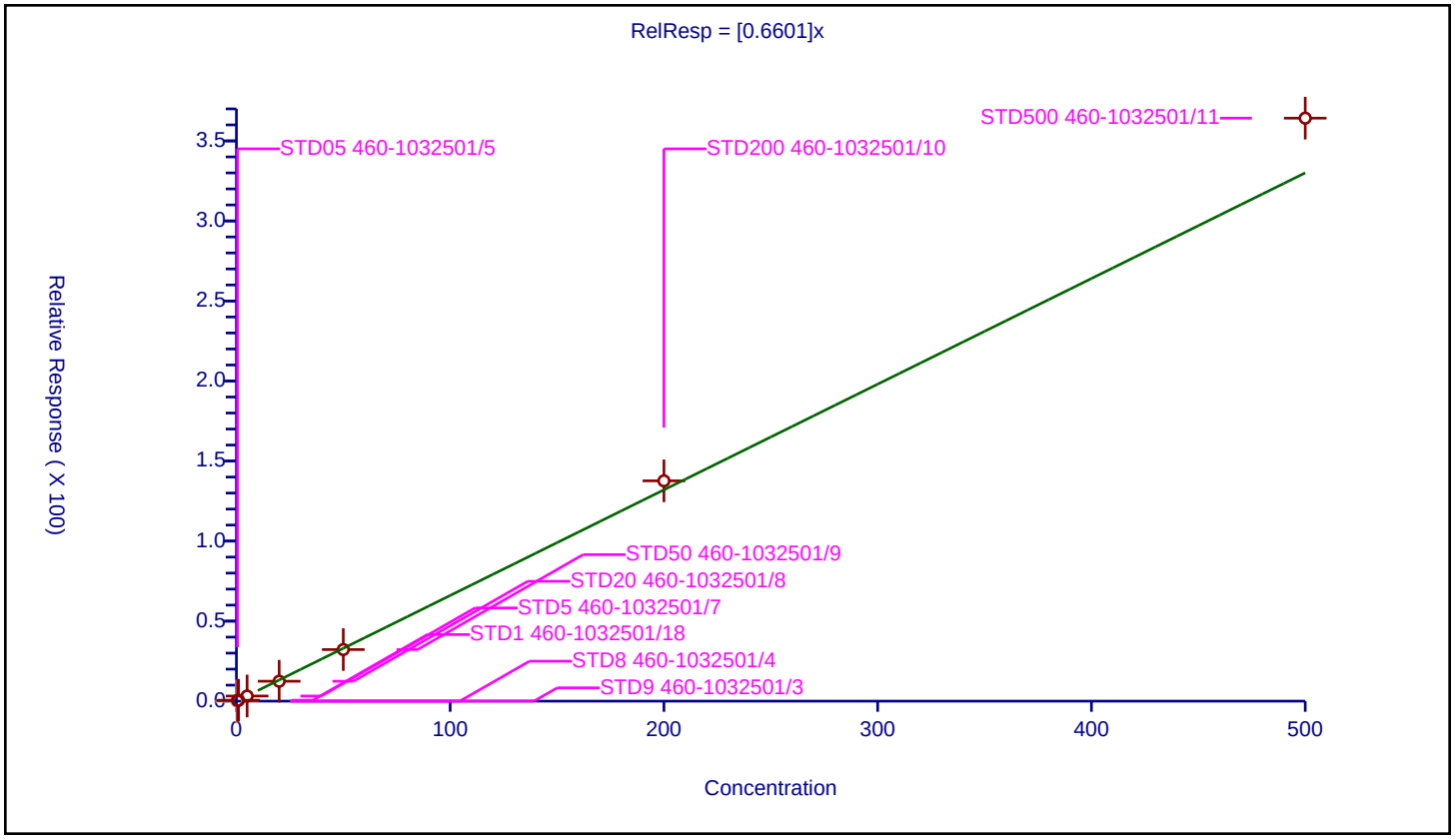
Curve Coefficients

Intercept:	0
Slope:	0.6601

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	0.25	0.0	50.0	549239.0	0.0	N
3	STD05 460-1032501/5	0.5	0.358967	50.0	519546.0	0.717935	Y
4	STD1 460-1032501/18	1.0	0.578459	50.0	484909.0	0.578459	Y
5	STD5 460-1032501/7	5.0	3.204755	50.0	512348.0	0.640951	Y
6	STD20 460-1032501/8	20.0	12.440041	50.0	531405.0	0.622002	Y
7	STD50 460-1032501/9	50.0	32.224299	50.0	531363.0	0.644486	Y
8	STD200 460-1032501/10	200.0	137.626072	50.0	540863.0	0.68813	Y
9	STD500 460-1032501/11	500.0	364.217257	50.0	550187.0	0.728435	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

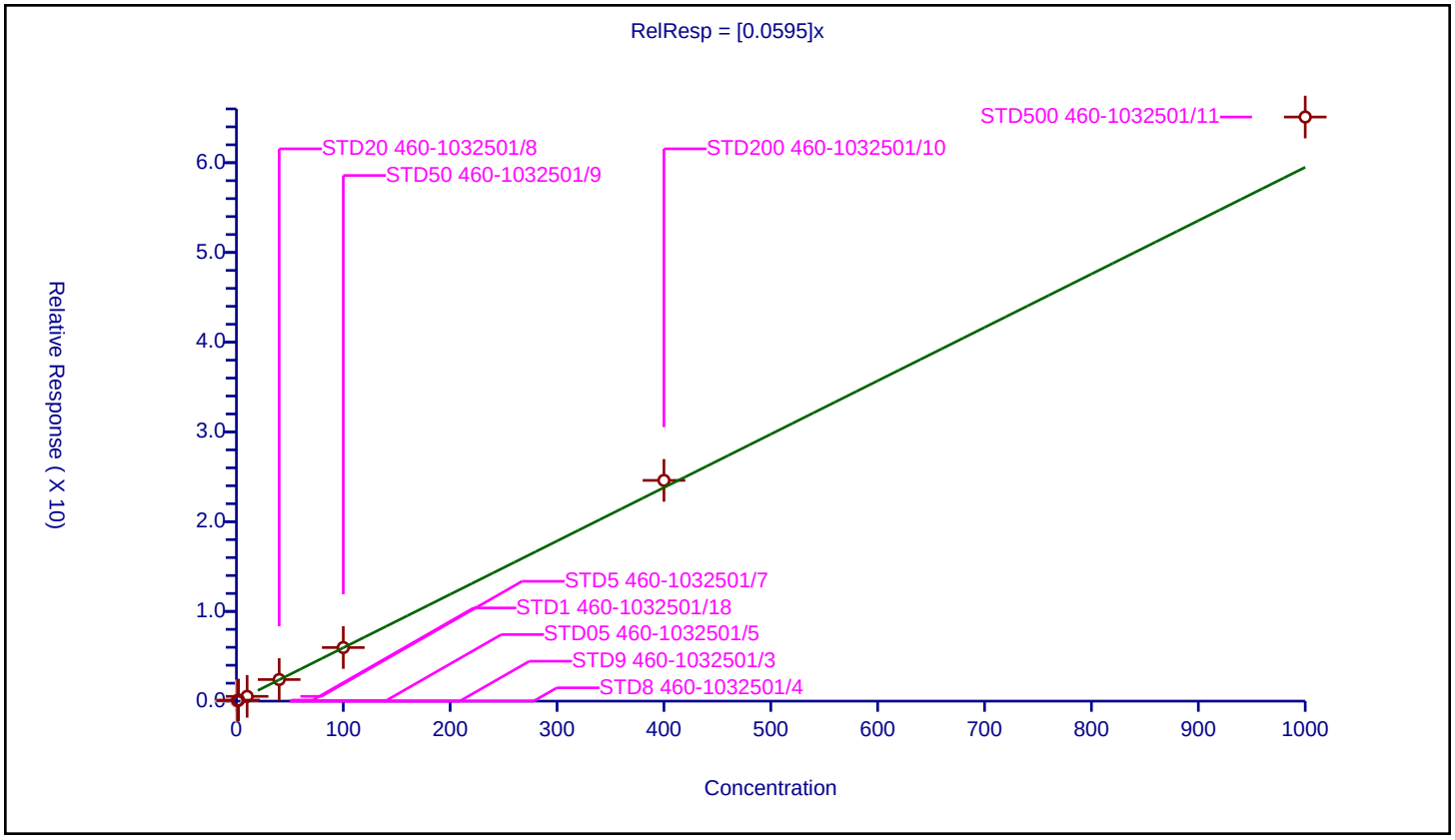
Curve Coefficients

Intercept:	0
Slope:	0.0595

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.4	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	1.0	0.057646	50.0	519546.0	0.057646	Y
4	STD1 460-1032501/18	2.0	0.117857	50.0	484909.0	0.058929	Y
5	STD5 460-1032501/7	10.0	0.53411	50.0	512348.0	0.053411	Y
6	STD20 460-1032501/8	40.0	2.406545	50.0	531405.0	0.060164	Y
7	STD50 460-1032501/9	100.0	5.972753	50.0	531363.0	0.059728	Y
8	STD200 460-1032501/10	400.0	24.6005	50.0	540863.0	0.061501	Y
9	STD500 460-1032501/11	1000.0	65.093505	50.0	550187.0	0.065094	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

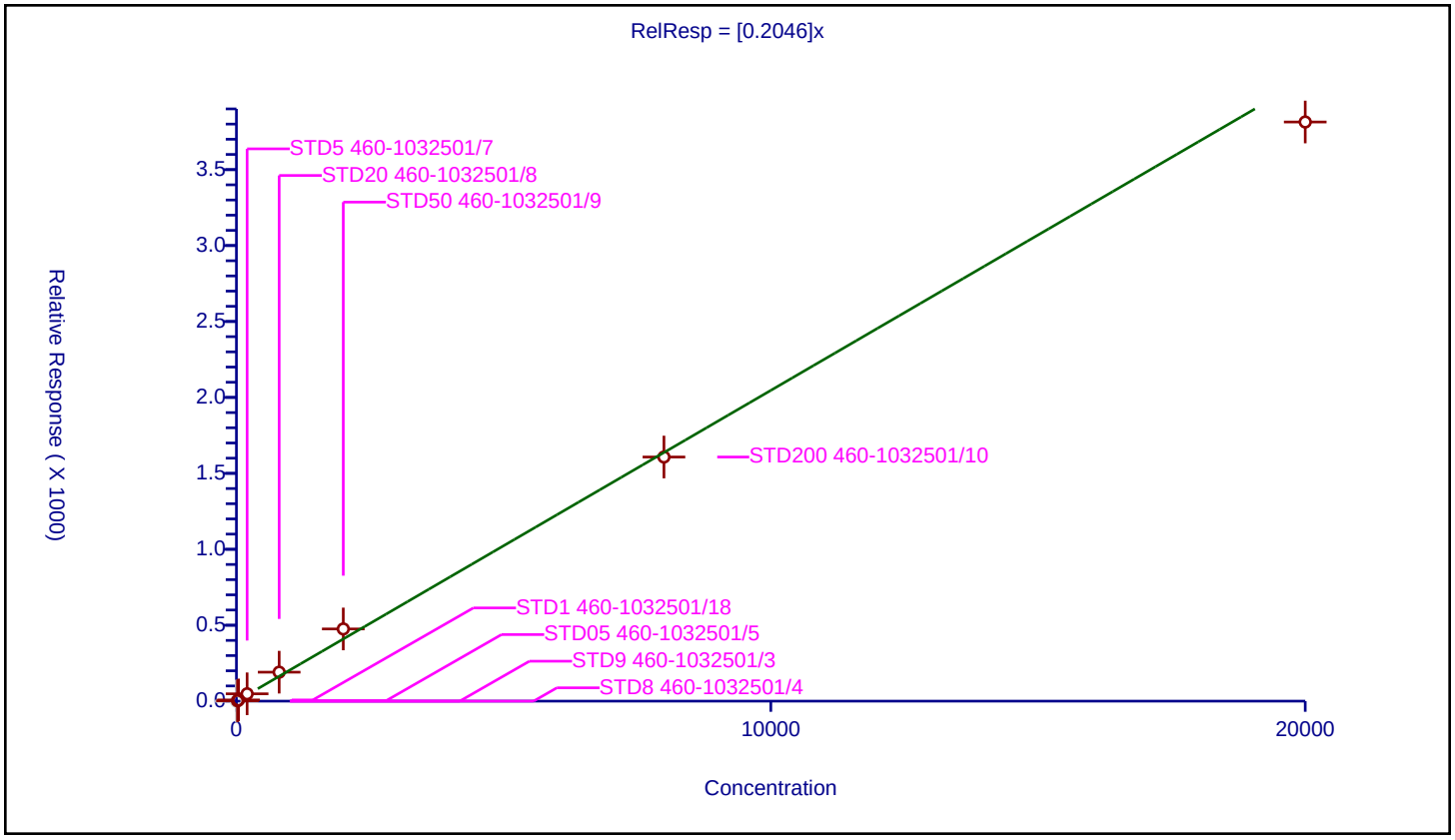
Curve Coefficients

Intercept:	0
Slope:	0.2046

Error Coefficients

Relative Standard Deviation:	19.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	1000.0	46741.0	NaN	N
2	STD9 460-1032501/3	8.0	0.0	1000.0	42347.0	0.0	N
3	STD05 460-1032501/5	20.0	2.576321	1000.0	43861.0	0.128816	Y
4	STD1 460-1032501/18	40.0	7.768181	1000.0	39134.0	0.194205	Y
5	STD5 460-1032501/7	200.0	48.317185	1000.0	47064.0	0.241586	Y
6	STD20 460-1032501/8	800.0	190.812645	1000.0	46564.0	0.238516	Y
7	STD50 460-1032501/9	2000.0	475.405254	1000.0	46514.0	0.237703	Y
8	STD200 460-1032501/10	8000.0	1607.463118	1000.0	51855.0	0.200933	Y
9	STD500 460-1032501/11	20000.0	3813.722705	1000.0	52803.0	0.190686	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

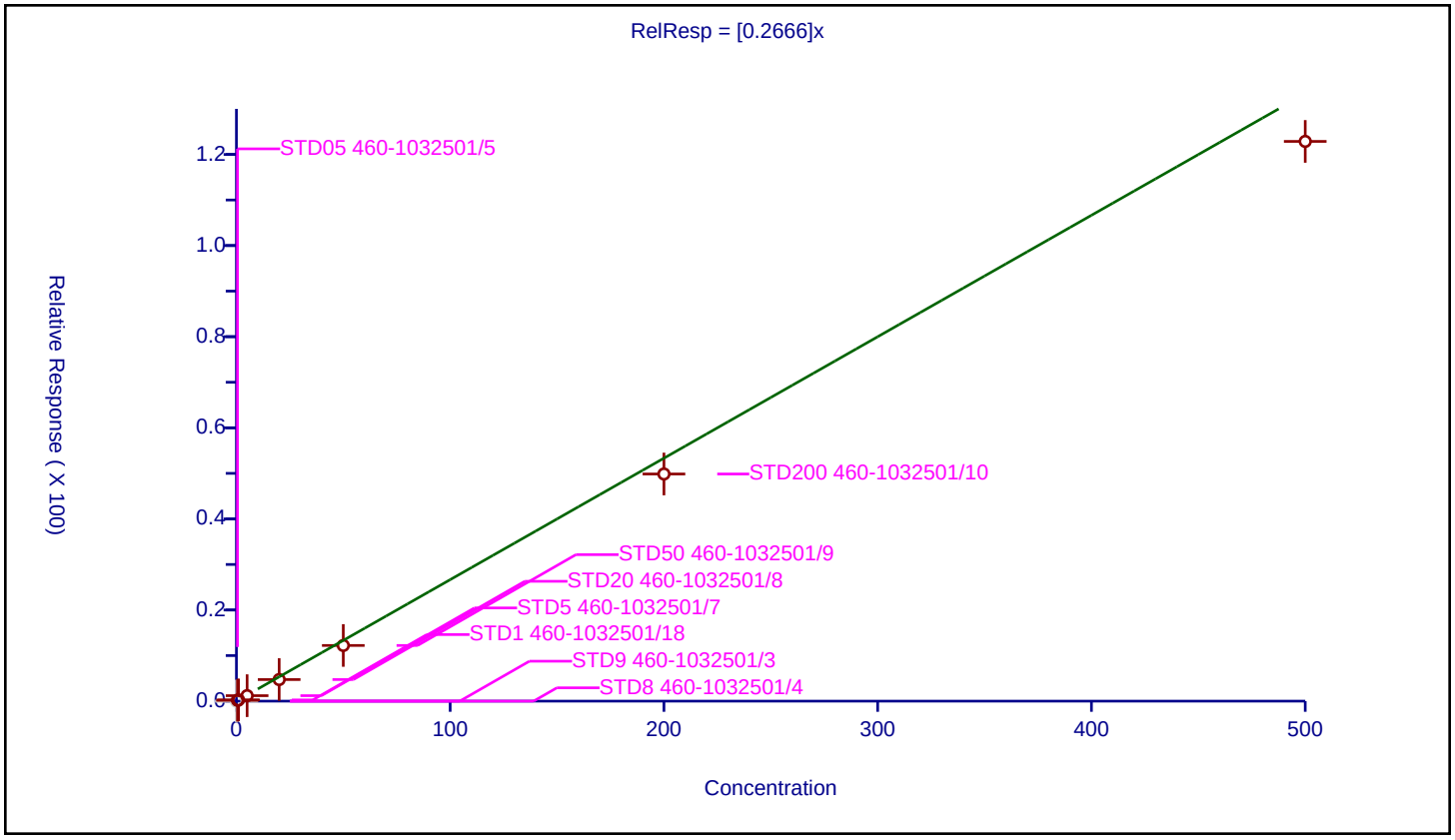
Curve Coefficients

Intercept:	0
Slope:	0.2666

Error Coefficients

Relative Standard Deviation:	20.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.193053	50.0	519546.0	0.386106	Y
4	STD1 460-1032501/18	1.0	0.264173	50.0	484909.0	0.264173	Y
5	STD5 460-1032501/7	5.0	1.198599	50.0	512348.0	0.23972	Y
6	STD20 460-1032501/8	20.0	4.73857	50.0	531405.0	0.236929	Y
7	STD50 460-1032501/9	50.0	12.221118	50.0	531363.0	0.244422	Y
8	STD200 460-1032501/10	200.0	49.862442	50.0	540863.0	0.249312	Y
9	STD500 460-1032501/11	500.0	122.860864	50.0	550187.0	0.245722	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

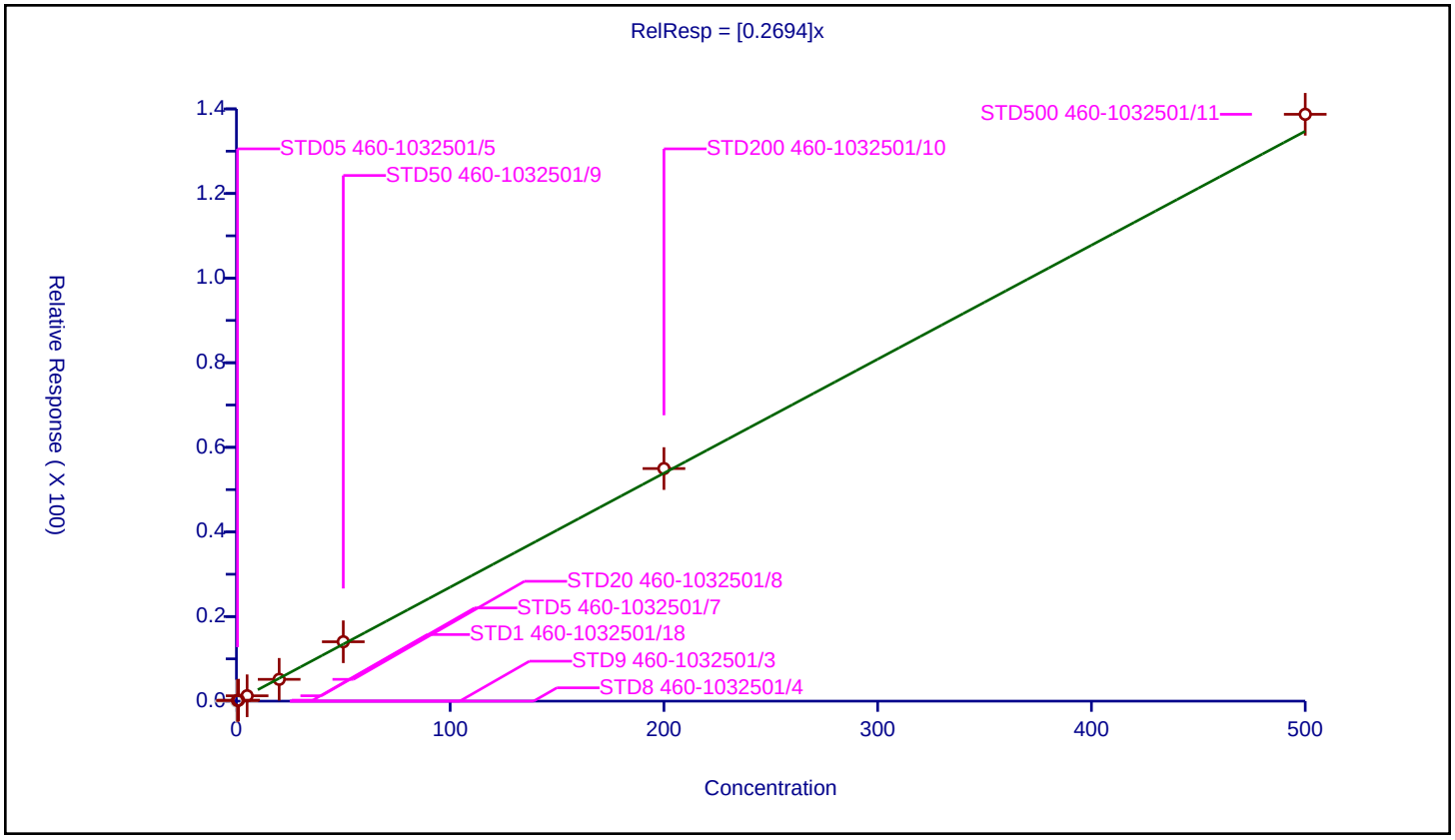
Curve Coefficients

Intercept:	0
Slope:	0.2694

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.156387	50.0	519546.0	0.312773	Y
4	STD1 460-1032501/18	1.0	0.228496	50.0	484909.0	0.228496	Y
5	STD5 460-1032501/7	5.0	1.270328	50.0	512348.0	0.254066	Y
6	STD20 460-1032501/8	20.0	5.152379	50.0	531405.0	0.257619	Y
7	STD50 460-1032501/9	50.0	14.039555	50.0	531363.0	0.280791	Y
8	STD200 460-1032501/10	200.0	54.979912	50.0	540863.0	0.2749	Y
9	STD500 460-1032501/11	500.0	138.721653	50.0	550187.0	0.277443	Y



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

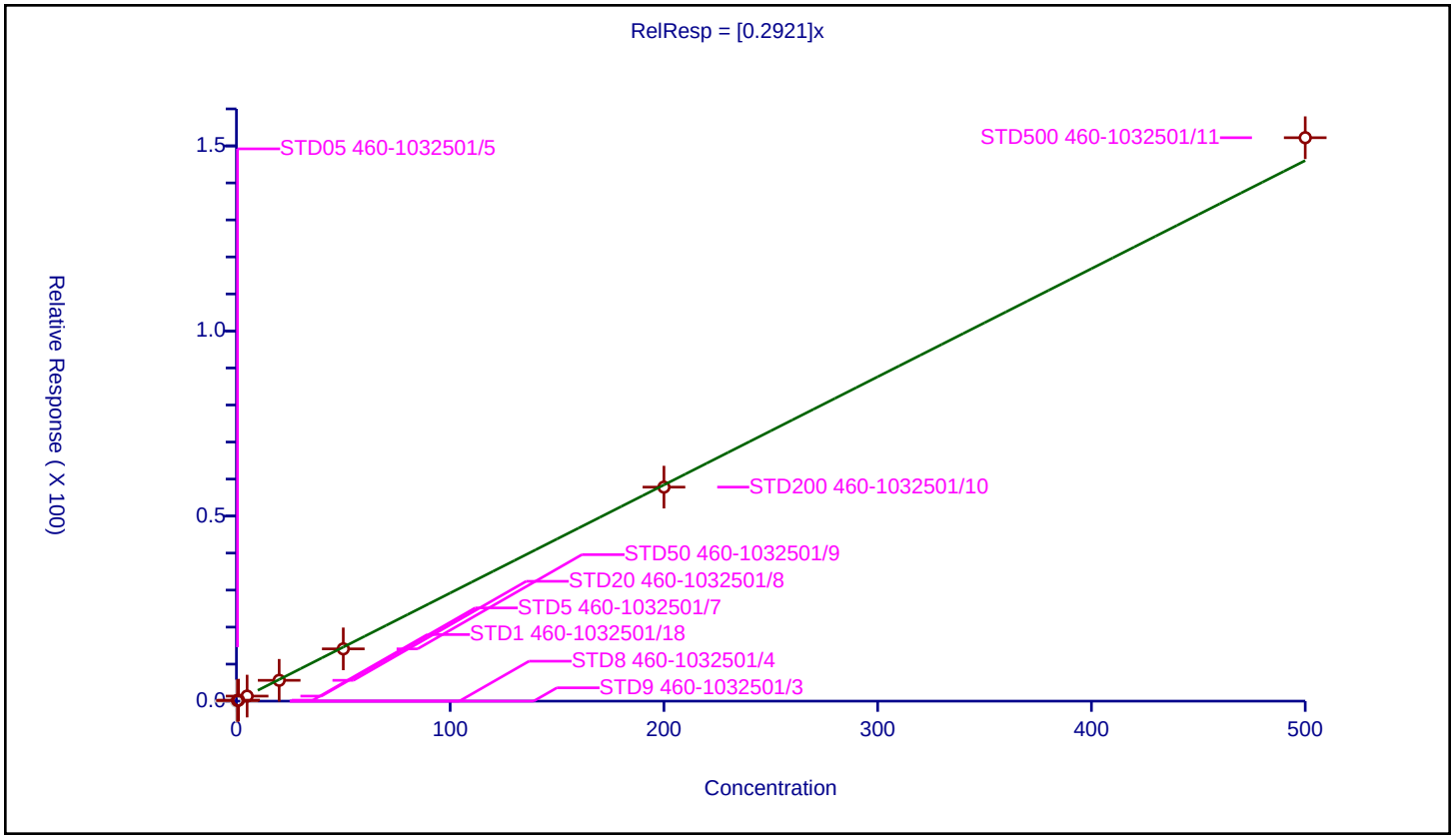
Curve Coefficients

Intercept:	0
Slope:	0.2921

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.0	0.0	50.0	505169.0	NaN	N
2	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
3	STD05 460-1032501/5	0.5	0.176885	50.0	519546.0	0.35377	Y
4	STD1 460-1032501/18	1.0	0.260977	50.0	484909.0	0.260977	Y
5	STD5 460-1032501/7	5.0	1.363429	50.0	512348.0	0.272686	Y
6	STD20 460-1032501/8	20.0	5.625088	50.0	531405.0	0.281254	Y
7	STD50 460-1032501/9	50.0	14.120949	50.0	531363.0	0.282419	Y
8	STD200 460-1032501/10	200.0	57.815935	50.0	540863.0	0.28908	Y
9	STD500 460-1032501/11	500.0	152.212611	50.0	550187.0	0.304425	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

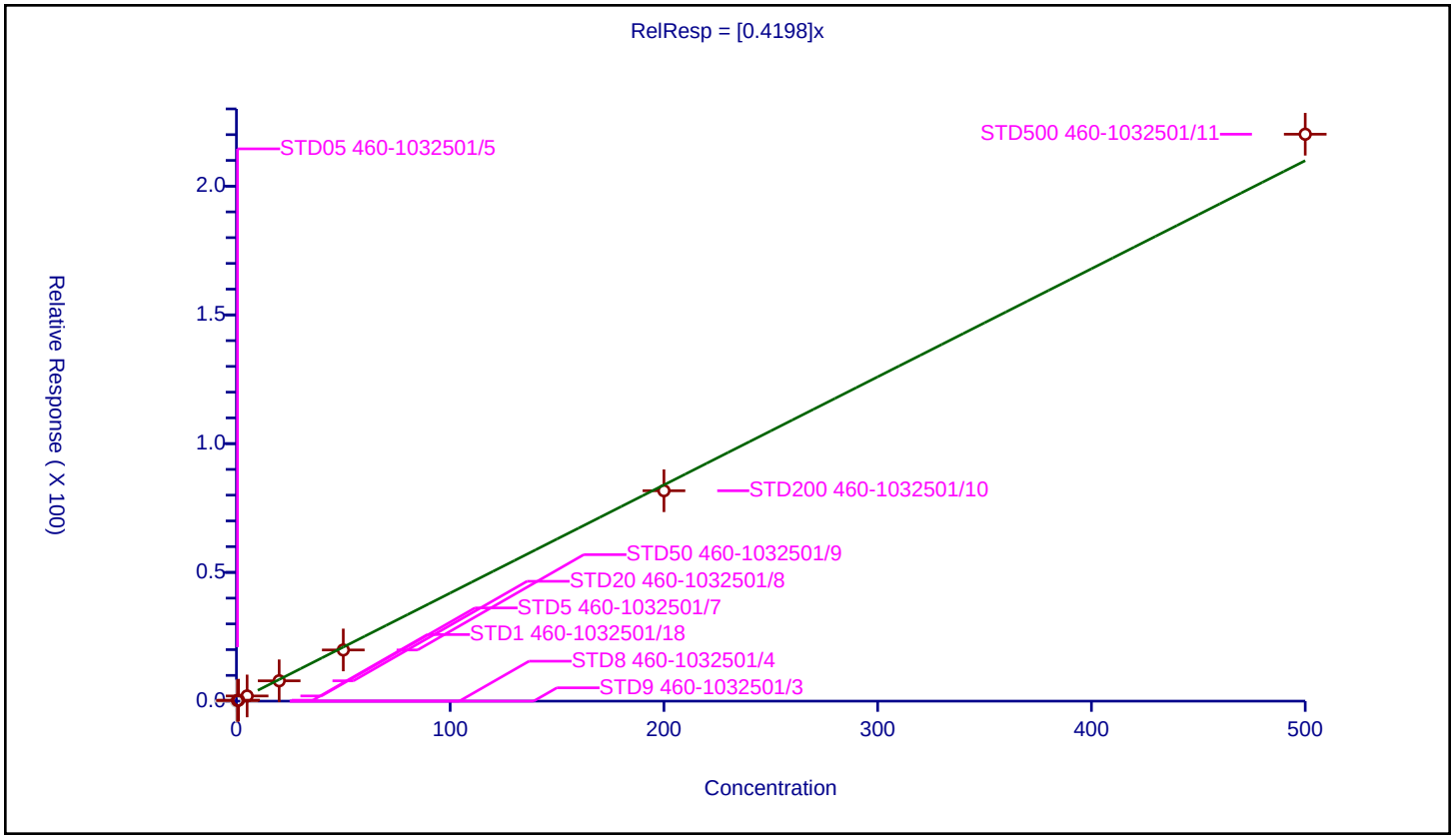
Curve Coefficients

Intercept:	0
Slope:	0.4198

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.0	0.0	50.0	505169.0	NaN	N
2	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
3	STD05 460-1032501/5	0.5	0.262729	50.0	519546.0	0.525459	Y
4	STD1 460-1032501/18	1.0	0.368935	50.0	484909.0	0.368935	Y
5	STD5 460-1032501/7	5.0	2.014939	50.0	512348.0	0.402988	Y
6	STD20 460-1032501/8	20.0	7.898684	50.0	531405.0	0.394934	Y
7	STD50 460-1032501/9	50.0	19.873138	50.0	531363.0	0.397463	Y
8	STD200 460-1032501/10	200.0	81.709324	50.0	540863.0	0.408547	Y
9	STD500 460-1032501/11	500.0	220.161327	50.0	550187.0	0.440323	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

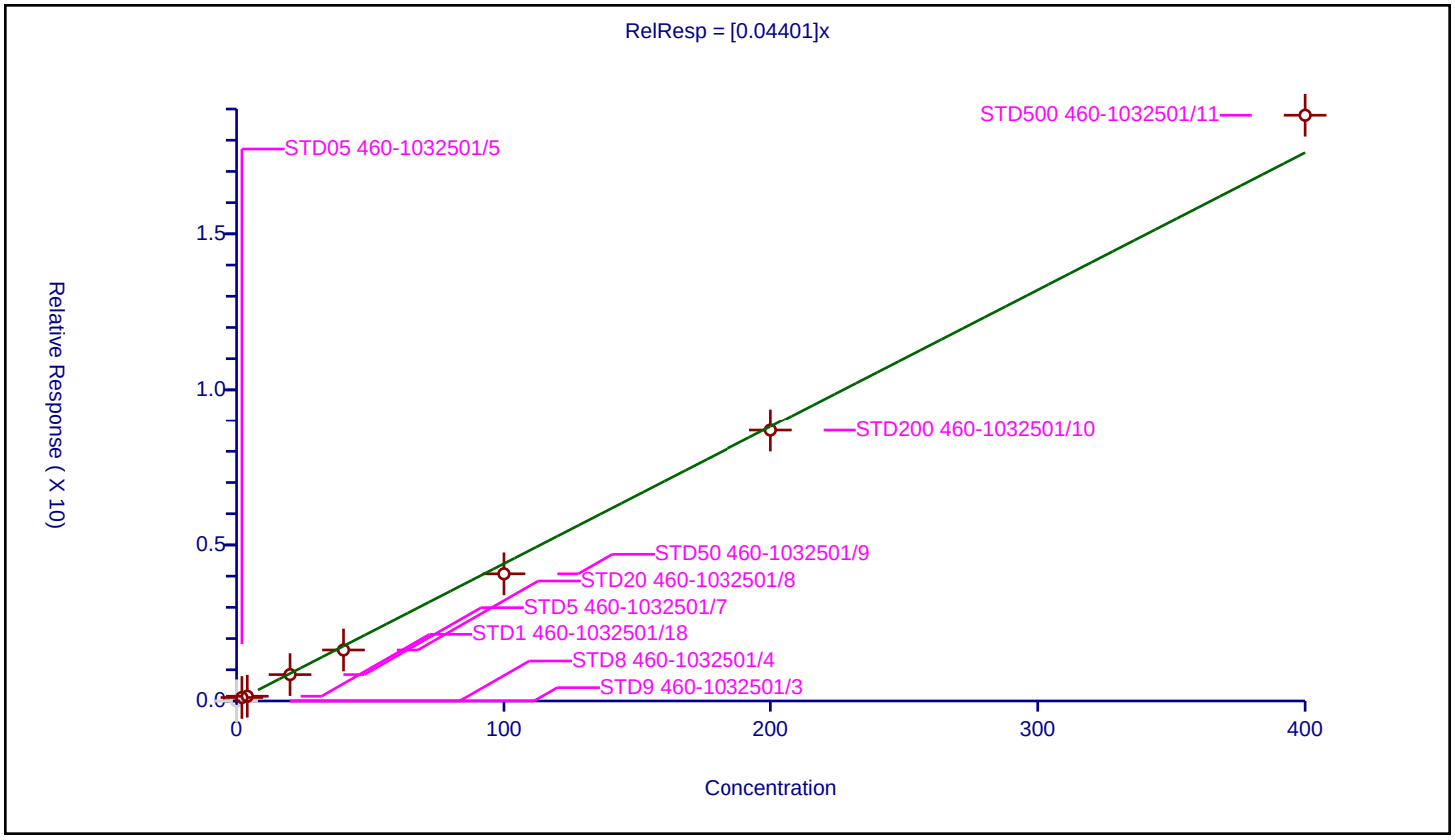
Curve Coefficients

Intercept:	0
Slope:	0.04401

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	0.0	0.0	50.0	505169.0	NaN	N
2	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
3	STD05 460-1032501/5	2.0	0.111251	50.0	519546.0	0.055625	Y
4	STD1 460-1032501/18	4.0	0.152503	50.0	484909.0	0.038126	Y
5	STD5 460-1032501/7	20.0	0.845519	50.0	512348.0	0.042276	Y
6	STD20 460-1032501/8	40.0	1.634347	50.0	531405.0	0.040859	Y
7	STD50 460-1032501/9	100.0	4.075086	50.0	531363.0	0.040751	Y
8	STD200 460-1032501/10	200.0	8.682143	50.0	540863.0	0.043411	Y
9	STD500 460-1032501/11	400.0	18.800699	50.0	550187.0	0.047002	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

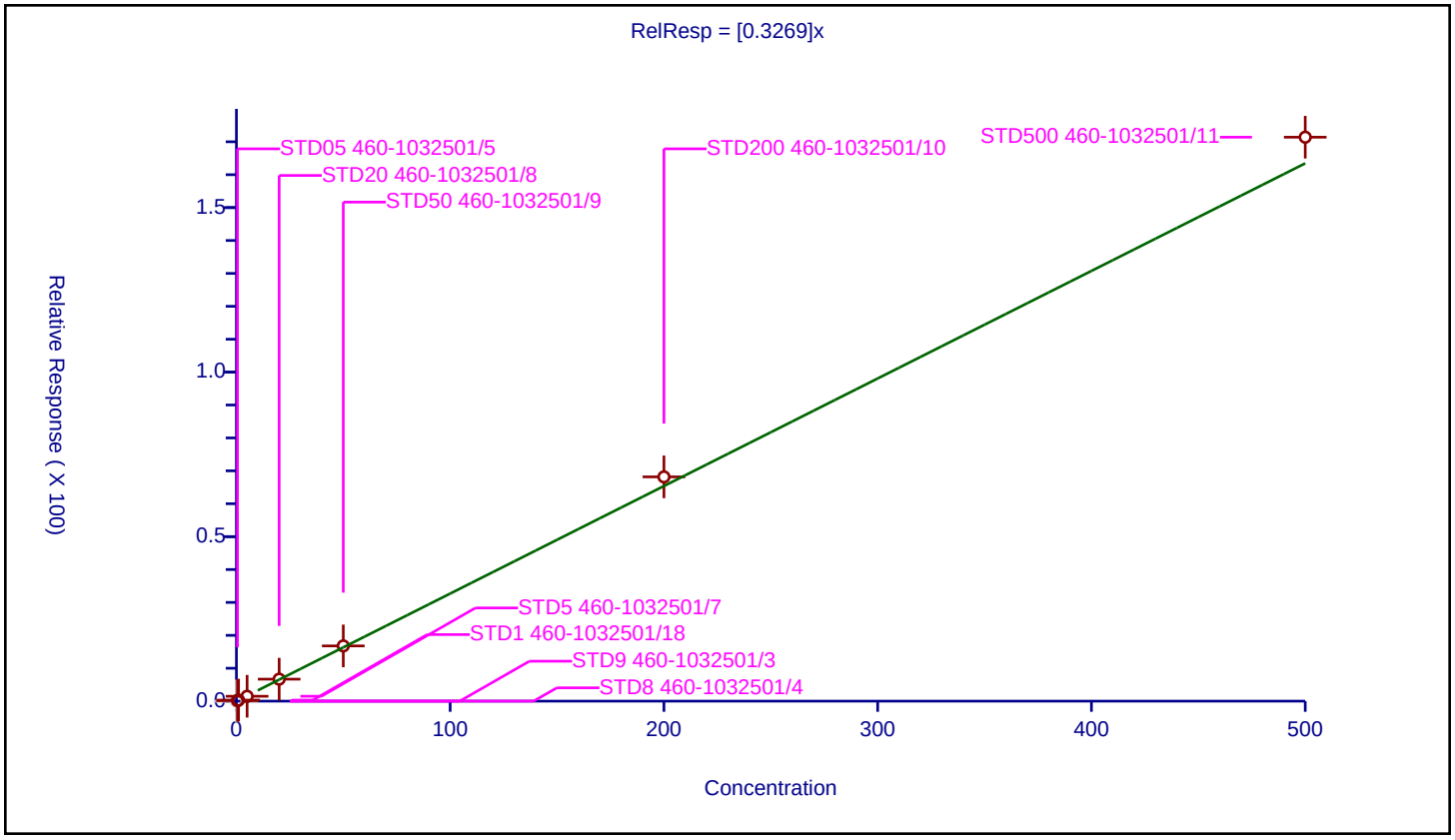
Curve Coefficients

Intercept:	0
Slope:	0.3269

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.164759	50.0	519546.0	0.329518	Y
4	STD1 460-1032501/18	1.0	0.307893	50.0	484909.0	0.307893	Y
5	STD5 460-1032501/7	5.0	1.486782	50.0	512348.0	0.297356	Y
6	STD20 460-1032501/8	20.0	6.682756	50.0	531405.0	0.334138	Y
7	STD50 460-1032501/9	50.0	16.786359	50.0	531363.0	0.335727	Y
8	STD200 460-1032501/10	200.0	68.161069	50.0	540863.0	0.340805	Y
9	STD500 460-1032501/11	500.0	171.392363	50.0	550187.0	0.342785	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

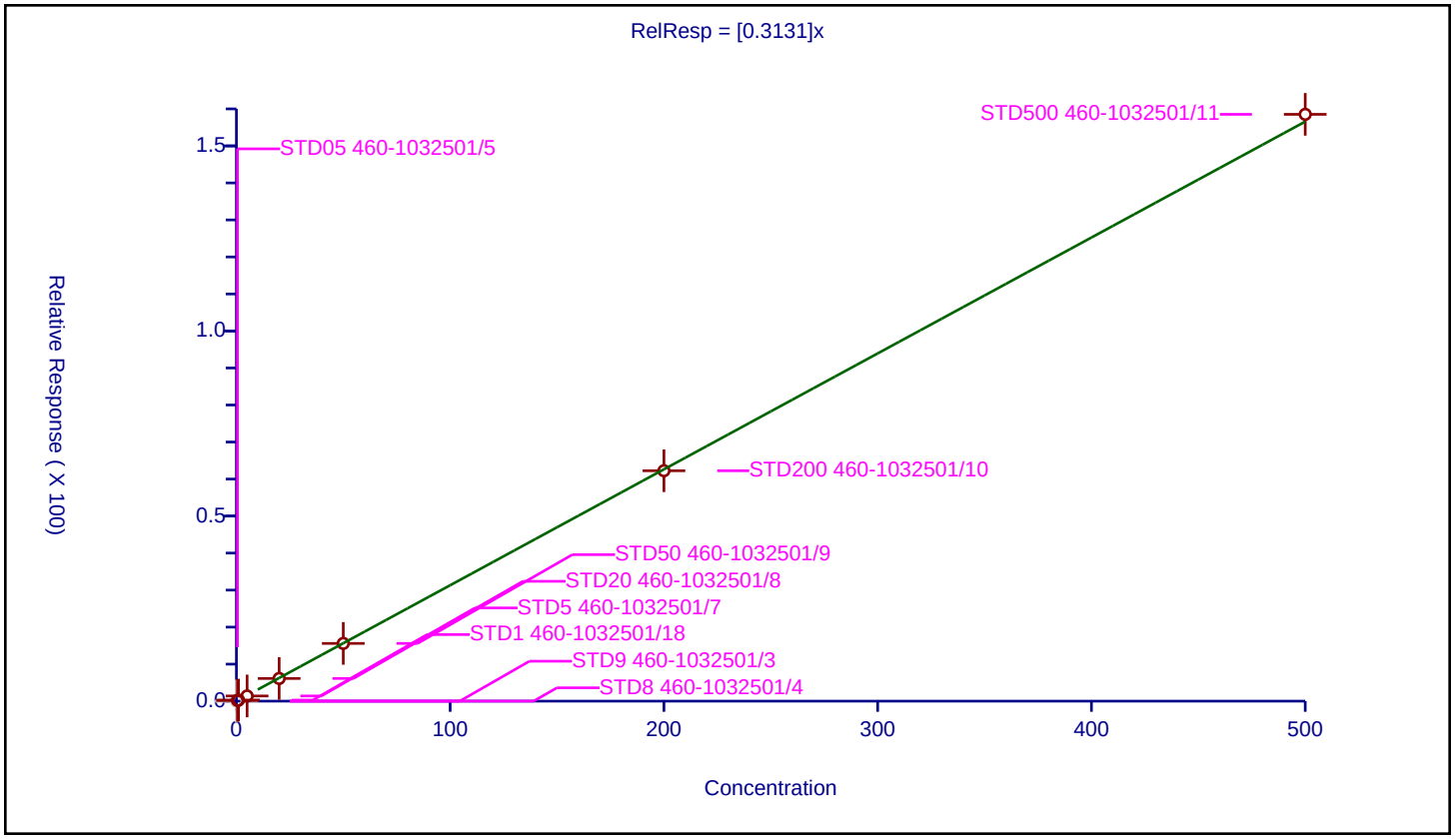
Curve Coefficients

Intercept:	0
Slope:	0.3131

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.19007	50.0	519546.0	0.38014	Y
4	STD1 460-1032501/18	1.0	0.285724	50.0	484909.0	0.285724	Y
5	STD5 460-1032501/7	5.0	1.396707	50.0	512348.0	0.279341	Y
6	STD20 460-1032501/8	20.0	6.128283	50.0	531405.0	0.306414	Y
7	STD50 460-1032501/9	50.0	15.596965	50.0	531363.0	0.311939	Y
8	STD200 460-1032501/10	200.0	62.242934	50.0	540863.0	0.311215	Y
9	STD500 460-1032501/11	500.0	158.527192	50.0	550187.0	0.317054	Y



Calibration / Acetone

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

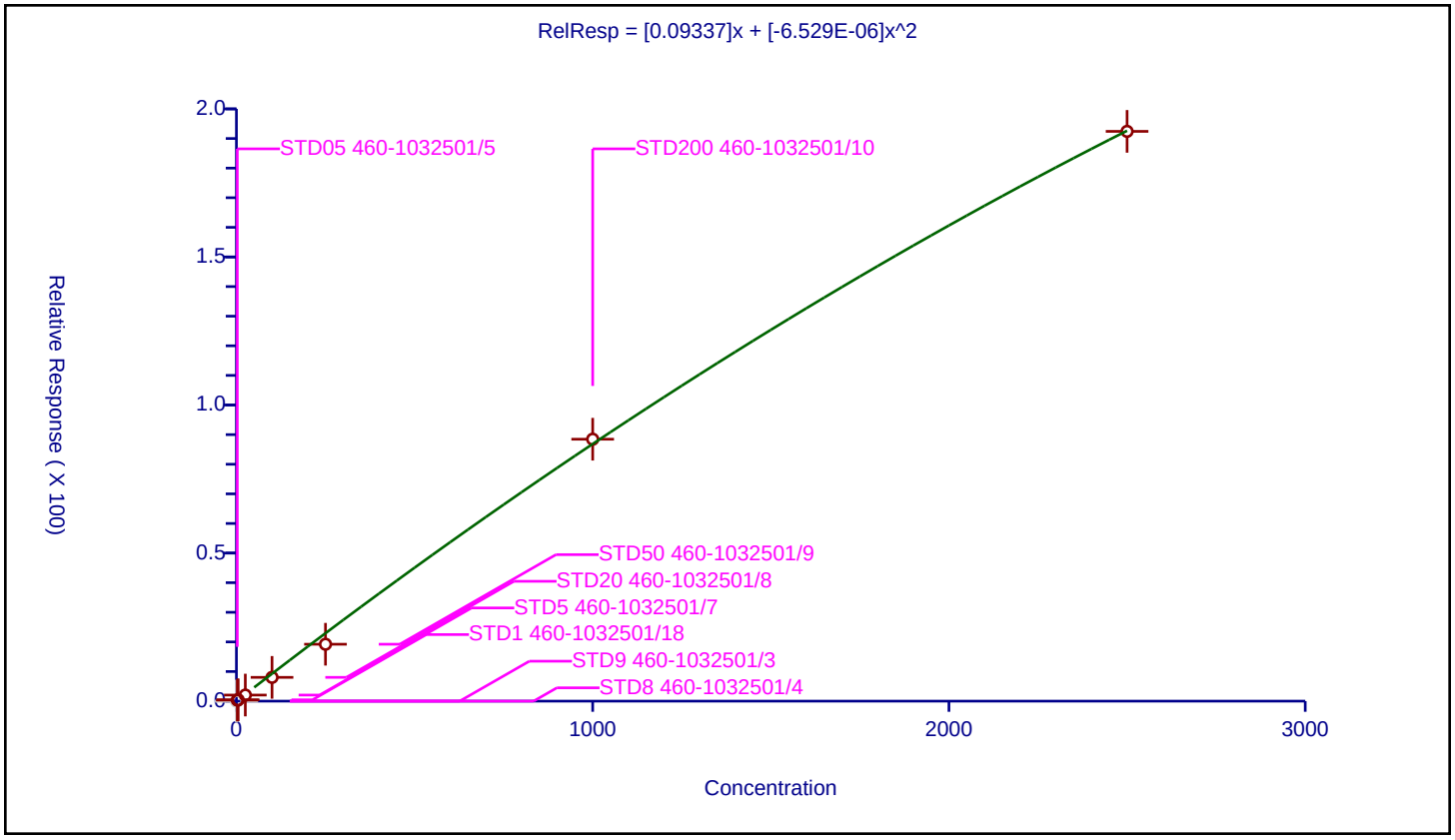
Curve Coefficients

Intercept:	0
Slope:	0.09337
Second Order:	-6.529E-06

Error Coefficients

Relative Standard Deviation:	25.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	1.0	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	2.5	0.351364	50.0	519546.0	0.140546	Y
4	STD1 460-1032501/18	5.0	0.442042	50.0	484909.0	0.088408	Y
5	STD5 460-1032501/7	25.0	2.052511	50.0	512348.0	0.0821	Y
6	STD20 460-1032501/8	100.0	8.024012	50.0	531405.0	0.08024	Y
7	STD50 460-1032501/9	250.0	19.218594	50.0	531363.0	0.076874	Y
8	STD200 460-1032501/10	1000.0	88.45031	50.0	540863.0	0.08845	Y
9	STD500 460-1032501/11	2500.0	192.41158	50.0	550187.0	0.076965	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

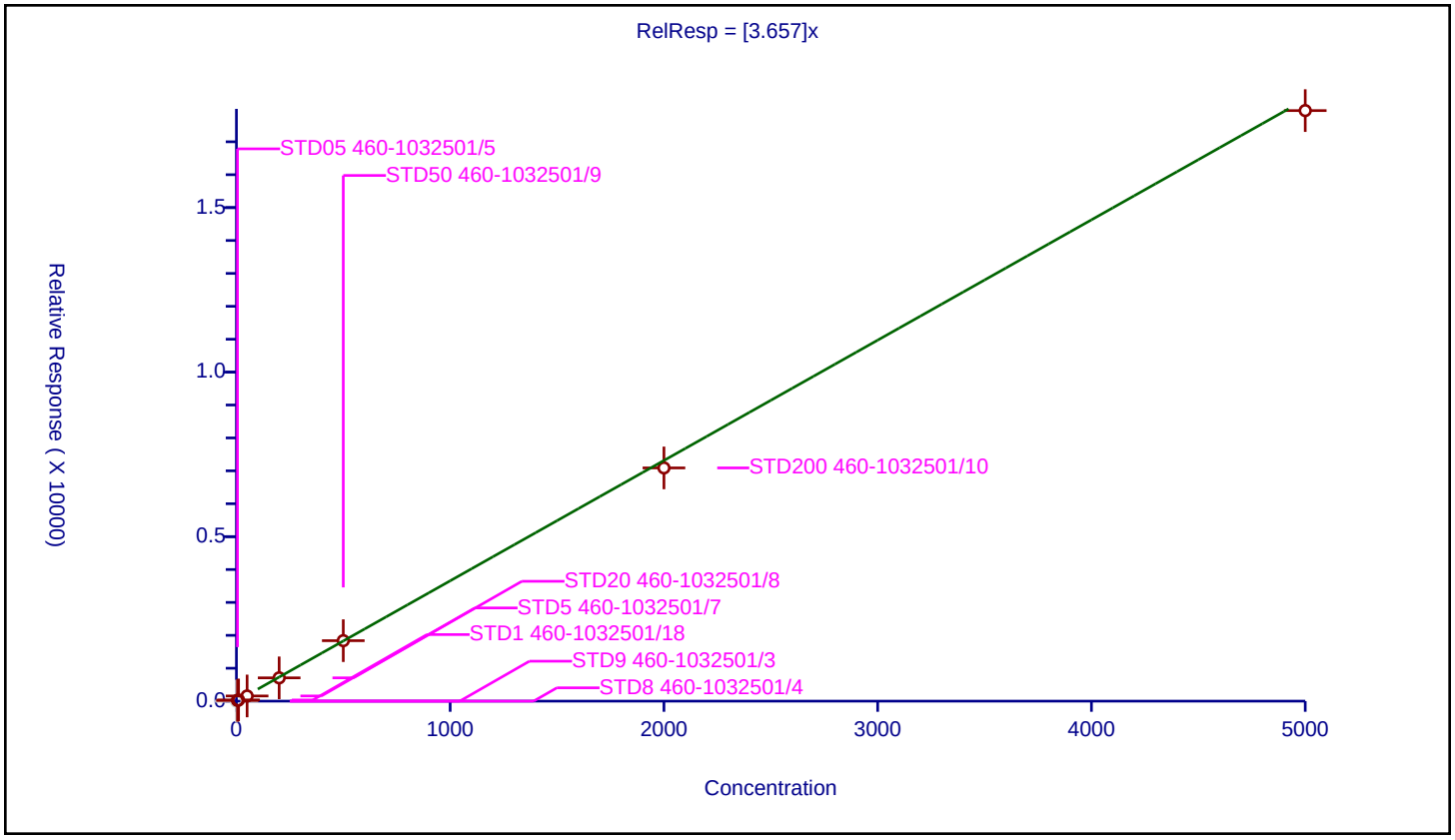
Curve Coefficients

Intercept:	0
Slope:	3.657

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	1000.0	46741.0	NaN	N
2	STD9 460-1032501/3	2.0	0.0	1000.0	42347.0	0.0	N
3	STD05 460-1032501/5	5.0	23.05009	1000.0	43861.0	4.610018	Y
4	STD1 460-1032501/18	10.0	34.854602	1000.0	39134.0	3.48546	Y
5	STD5 460-1032501/7	50.0	157.657658	1000.0	47064.0	3.153153	Y
6	STD20 460-1032501/8	200.0	708.186582	1000.0	46564.0	3.540933	Y
7	STD50 460-1032501/9	500.0	1837.747775	1000.0	46514.0	3.675496	Y
8	STD200 460-1032501/10	2000.0	7088.323209	1000.0	51855.0	3.544162	Y
9	STD500 460-1032501/11	5000.0	17948.260516	1000.0	52803.0	3.589652	Y



Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

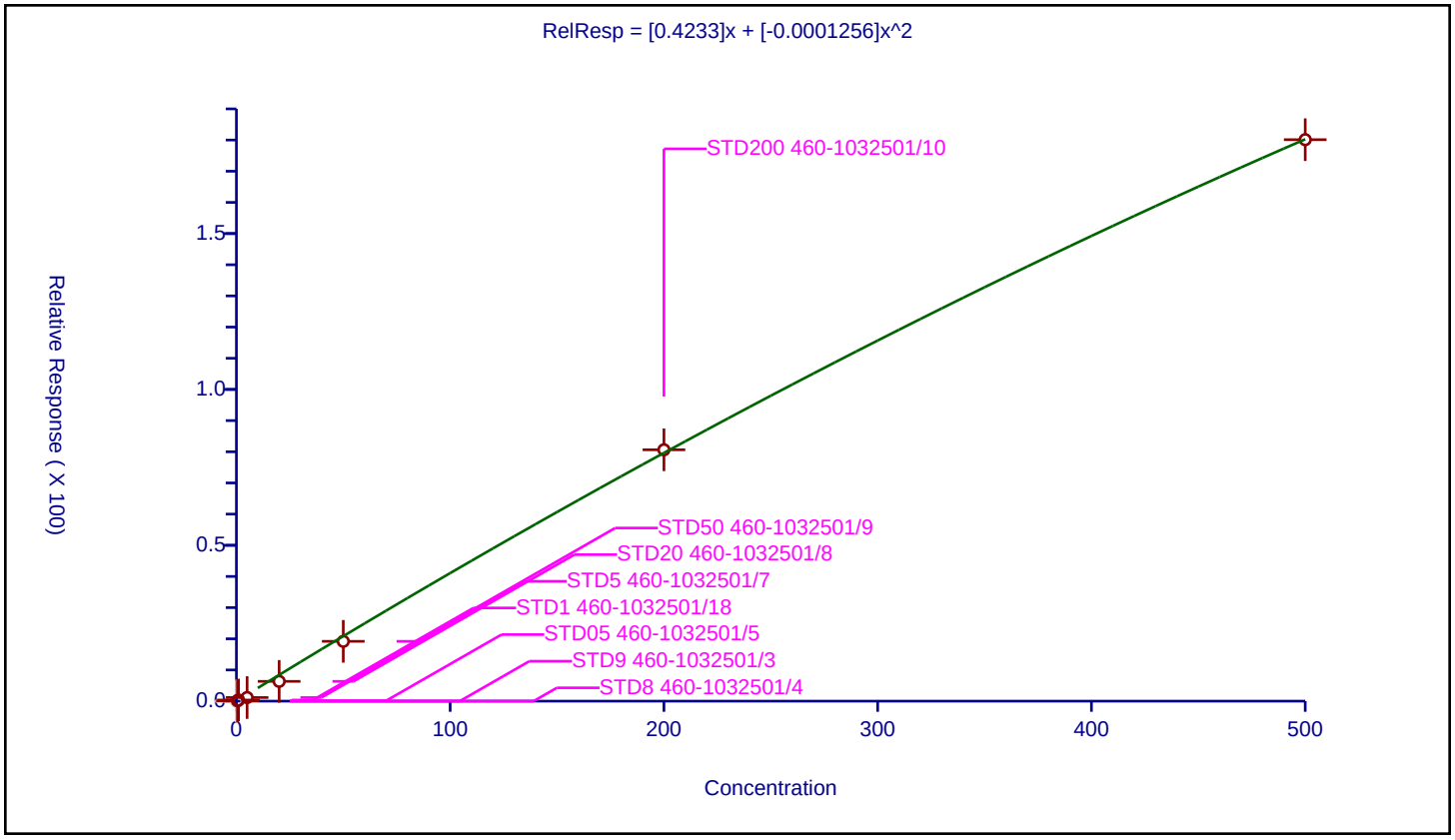
Curve Coefficients

Intercept:	0
Slope:	0.4233
Second Order:	-0.0001256

Error Coefficients

Relative Standard Deviation:	31.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.115582	50.0	519546.0	0.231163	Y
4	STD1 460-1032501/18	1.0	0.358212	50.0	484909.0	0.358212	Y
5	STD5 460-1032501/7	5.0	1.156733	50.0	512348.0	0.231347	Y
6	STD20 460-1032501/8	20.0	6.347607	50.0	531405.0	0.31738	Y
7	STD50 460-1032501/9	50.0	19.182743	50.0	531363.0	0.383655	Y
8	STD200 460-1032501/10	200.0	80.636871	50.0	540863.0	0.403184	Y
9	STD500 460-1032501/11	500.0	180.123213	50.0	550187.0	0.360246	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

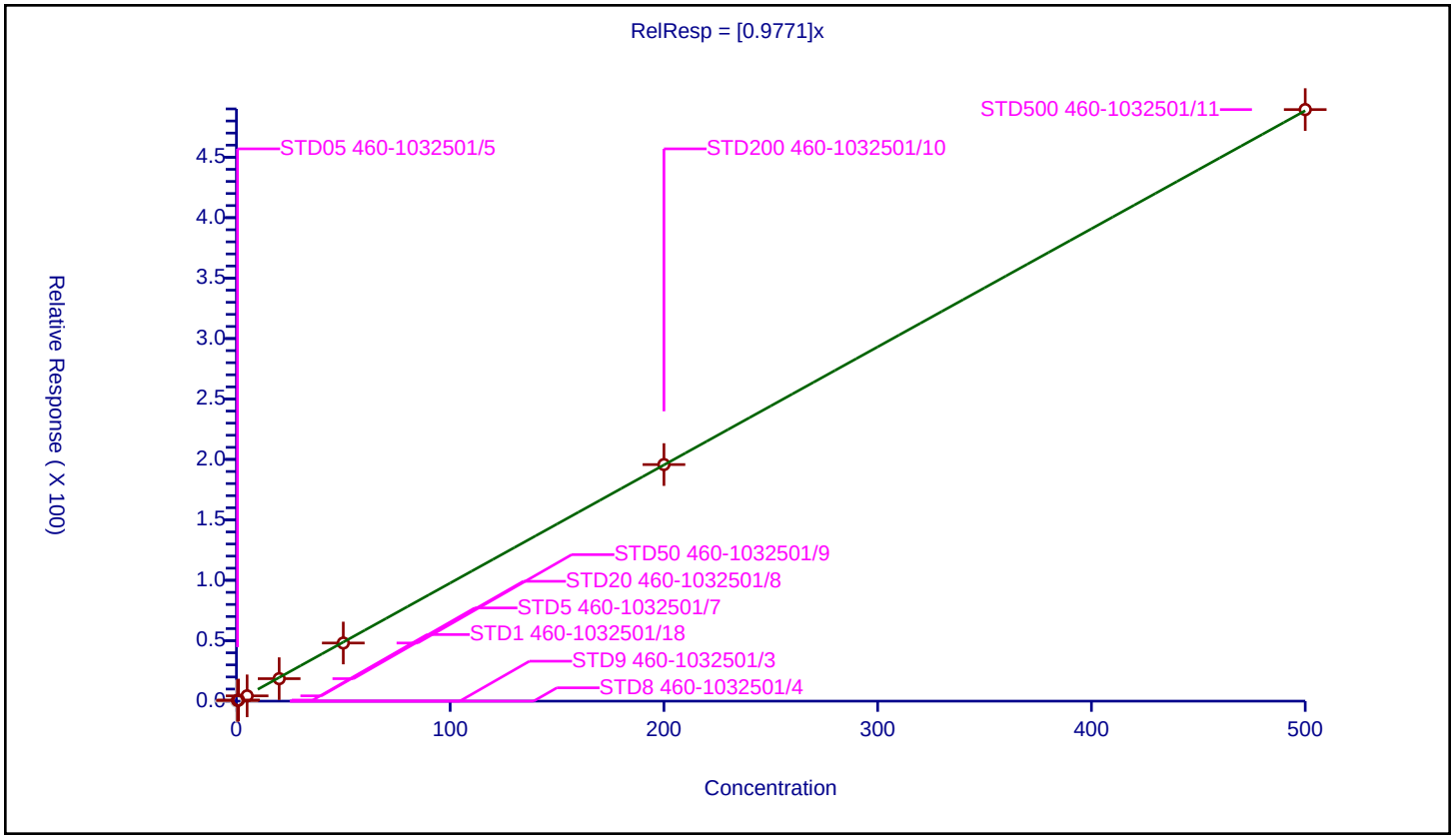
Curve Coefficients

Intercept:	0
Slope:	0.9771

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.613805	50.0	519546.0	1.22761	Y
4	STD1 460-1032501/18	1.0	0.888723	50.0	484909.0	0.888723	Y
5	STD5 460-1032501/7	5.0	4.374956	50.0	512348.0	0.874991	Y
6	STD20 460-1032501/8	20.0	18.577168	50.0	531405.0	0.928858	Y
7	STD50 460-1032501/9	50.0	48.083043	50.0	531363.0	0.961661	Y
8	STD200 460-1032501/10	200.0	195.739494	50.0	540863.0	0.978697	Y
9	STD500 460-1032501/11	500.0	489.432229	50.0	550187.0	0.978864	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

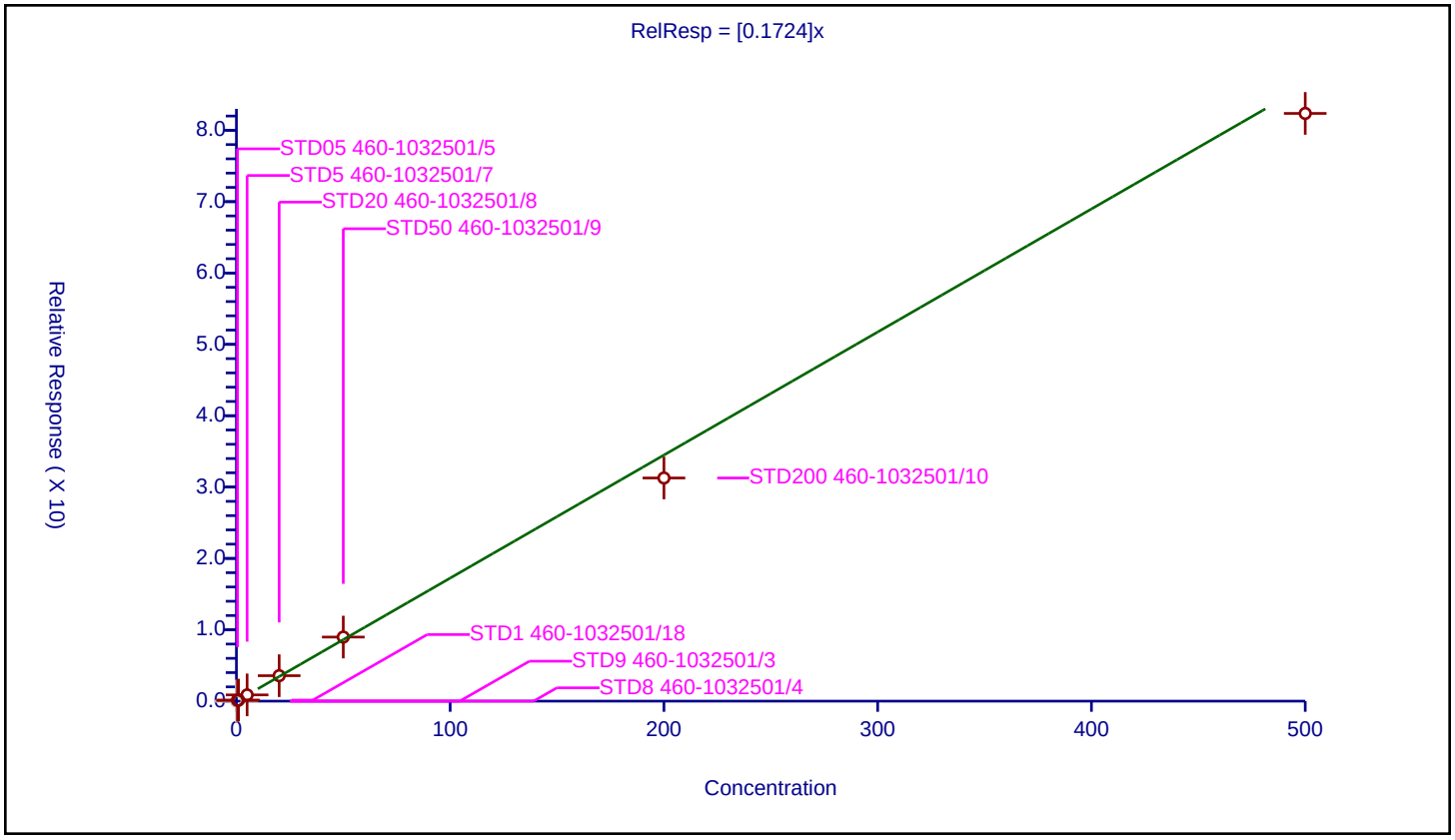
Curve Coefficients

Intercept:	0
Slope:	0.1724

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.104707	50.0	519546.0	0.209414	Y
4	STD1 460-1032501/18	1.0	0.143738	50.0	484909.0	0.143738	Y
5	STD5 460-1032501/7	5.0	0.87421	50.0	512348.0	0.174842	Y
6	STD20 460-1032501/8	20.0	3.568277	50.0	531405.0	0.178414	Y
7	STD50 460-1032501/9	50.0	8.978796	50.0	531363.0	0.179576	Y
8	STD200 460-1032501/10	200.0	31.271875	50.0	540863.0	0.156359	Y
9	STD500 460-1032501/11	500.0	82.364996	50.0	550187.0	0.16473	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

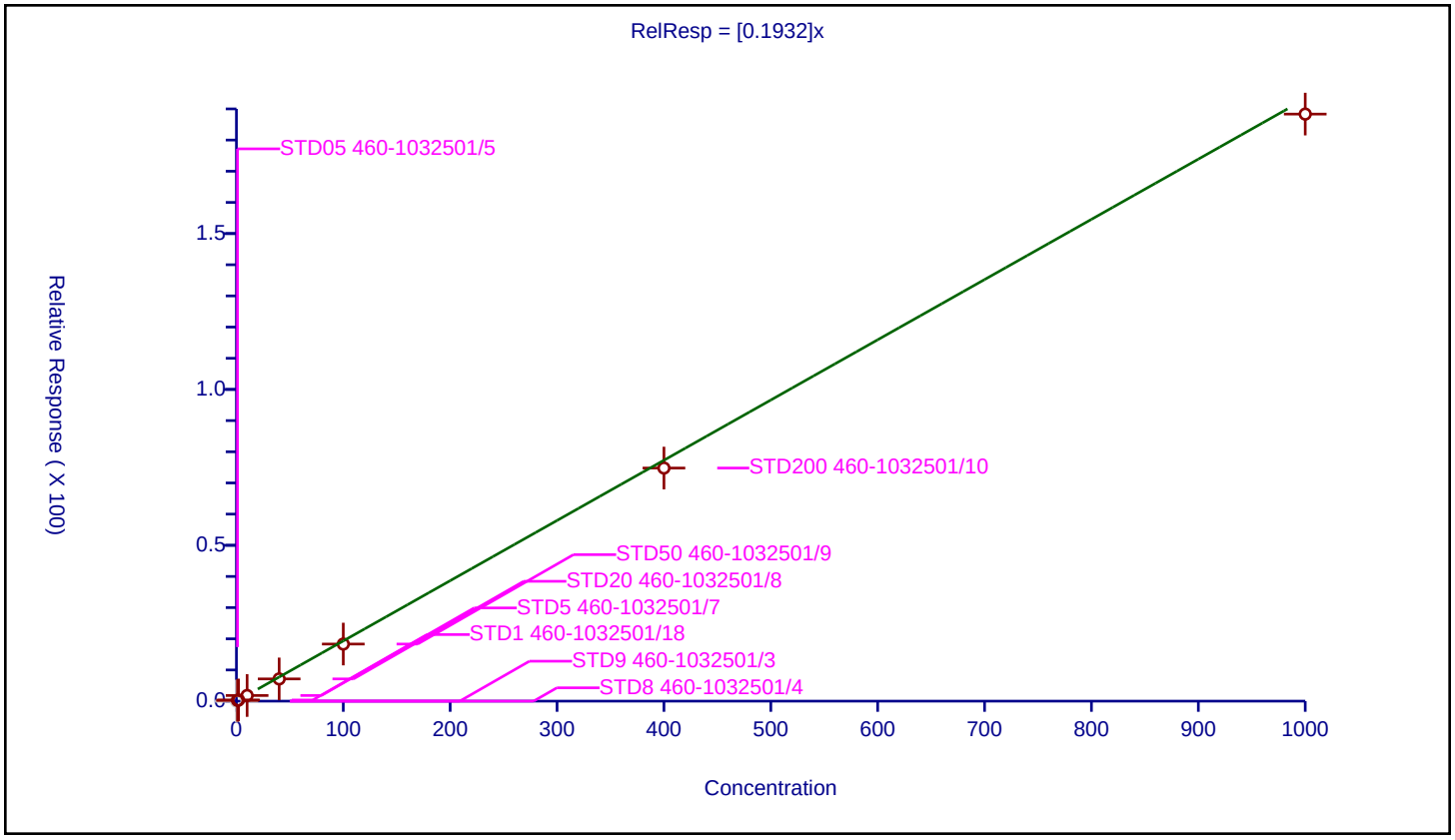
Curve Coefficients

Intercept:	0
Slope:	0.1932

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.4	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	1.0	0.254742	50.0	519546.0	0.254742	Y
4	STD1 460-1032501/18	2.0	0.36048	50.0	484909.0	0.18024	Y
5	STD5 460-1032501/7	10.0	1.808341	50.0	512348.0	0.180834	Y
6	STD20 460-1032501/8	40.0	7.129873	50.0	531405.0	0.178247	Y
7	STD50 460-1032501/9	100.0	18.311776	50.0	531363.0	0.183118	Y
8	STD200 460-1032501/10	400.0	74.775035	50.0	540863.0	0.186938	Y
9	STD500 460-1032501/11	1000.0	188.336784	50.0	550187.0	0.188337	Y



Calibration / Acetonitrile

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

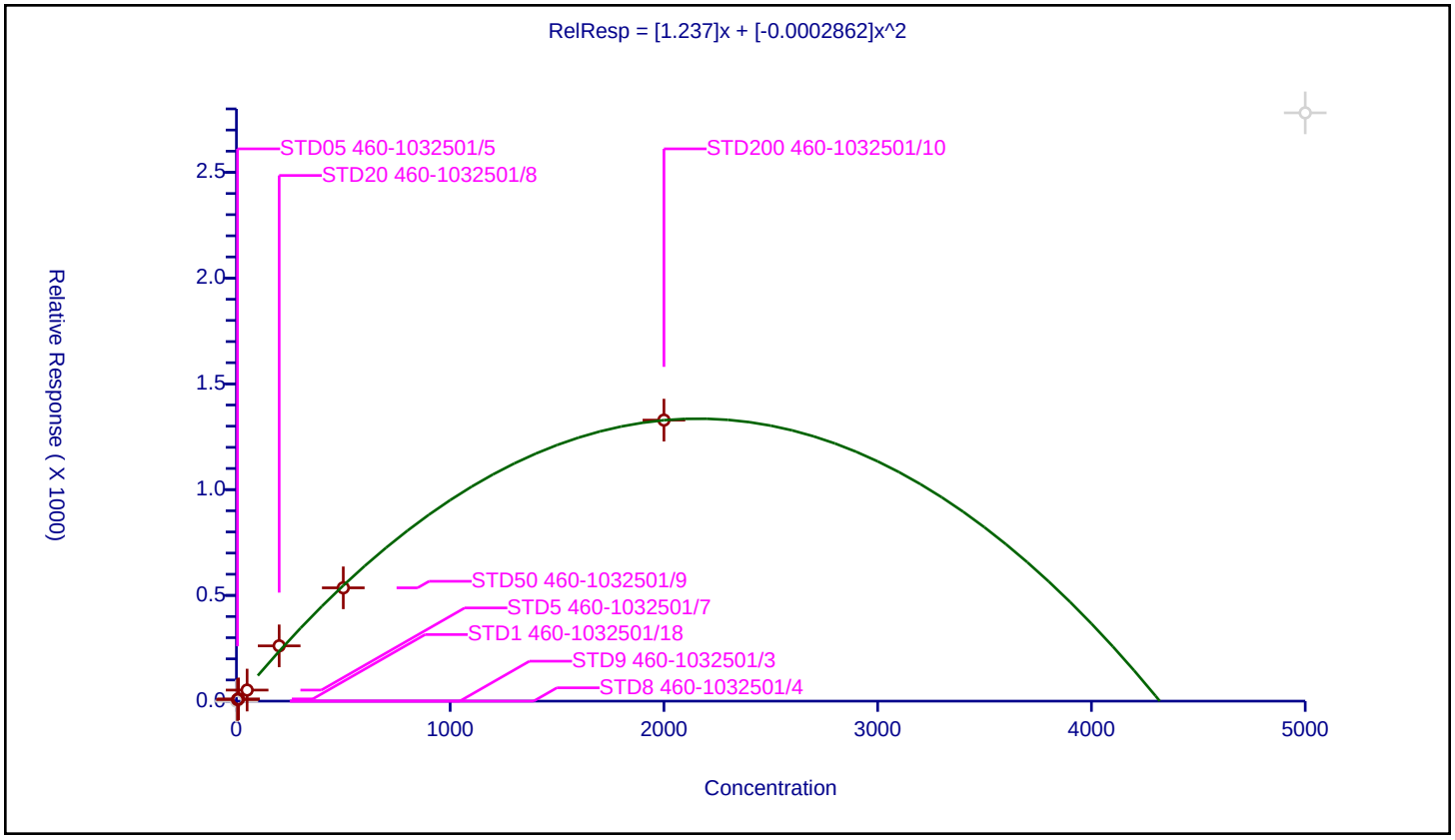
Curve Coefficients

Intercept:	0
Slope:	1.237
Second Order:	-0.0002862

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	250.0	162445.0	NaN	N
2	STD9 460-1032501/3	2.0	0.0	250.0	212708.0	0.0	N
3	STD05 460-1032501/5	5.0	7.445943	250.0	98275.0	1.489189	Y
4	STD1 460-1032501/18	10.0	10.511502	250.0	90068.0	1.05115	Y
5	STD5 460-1032501/7	50.0	52.319152	250.0	94043.0	1.046383	Y
6	STD20 460-1032501/8	200.0	261.356089	250.0	87332.0	1.30678	Y
7	STD50 460-1032501/9	500.0	535.686054	250.0	107528.0	1.071372	Y
8	STD200 460-1032501/10	2000.0	1328.672199	250.0	174725.0	0.664336	Y
9	STD500 460-1032501/11	5000.0	2781.194533	250.0	199442.0	0.556239	N



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

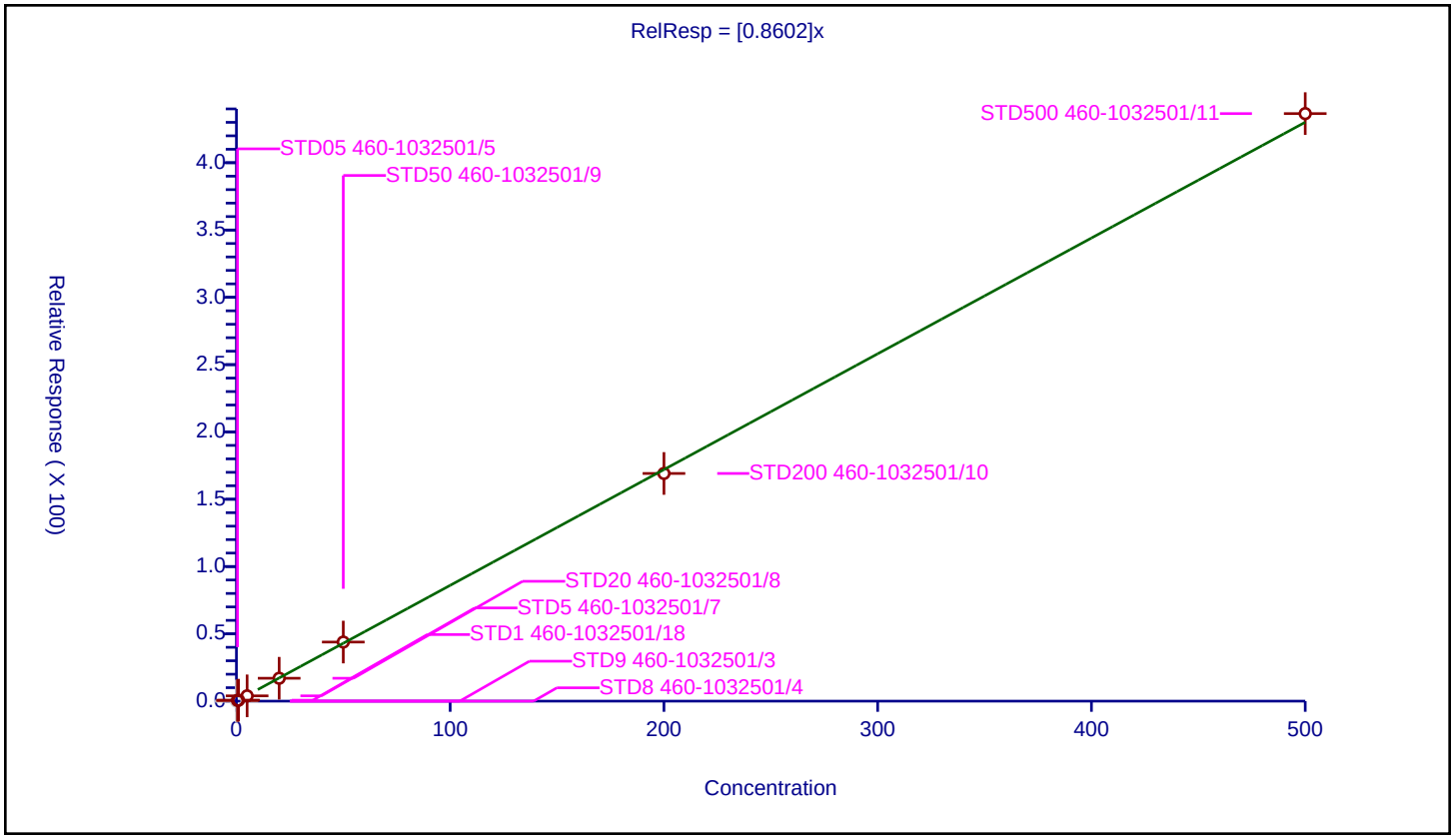
Curve Coefficients

Intercept:	0
Slope:	0.8602

Error Coefficients

Relative Standard Deviation:	14.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.54615	50.0	519546.0	1.0923	Y
4	STD1 460-1032501/18	1.0	0.698172	50.0	484909.0	0.698172	Y
5	STD5 460-1032501/7	5.0	3.918626	50.0	512348.0	0.783725	Y
6	STD20 460-1032501/8	20.0	17.004827	50.0	531405.0	0.850241	Y
7	STD50 460-1032501/9	50.0	43.901344	50.0	531363.0	0.878027	Y
8	STD200 460-1032501/10	200.0	169.144312	50.0	540863.0	0.845722	Y
9	STD500 460-1032501/11	500.0	436.489139	50.0	550187.0	0.872978	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

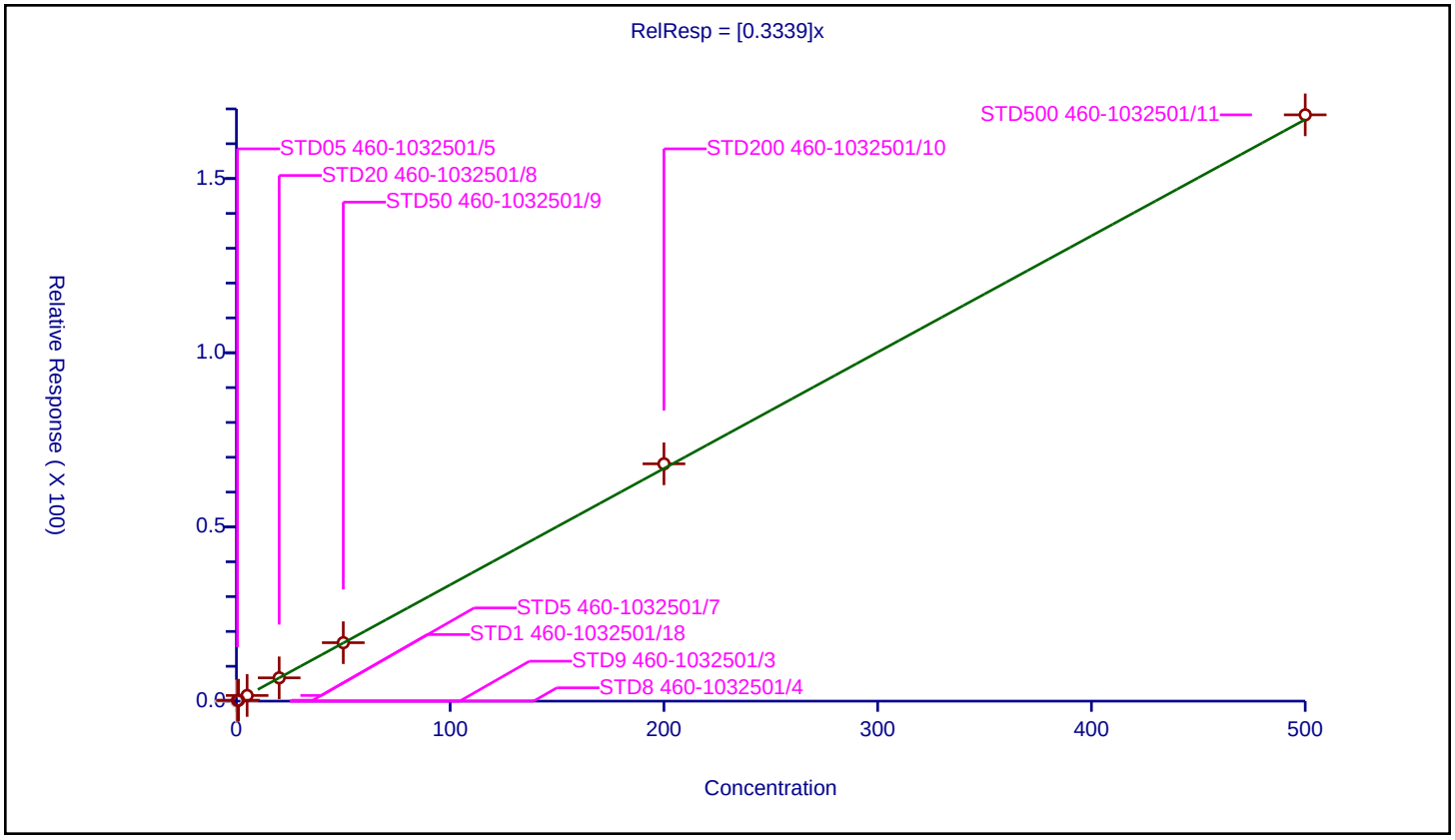
Curve Coefficients

Intercept:	0
Slope:	0.3339

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.200848	50.0	519546.0	0.401697	Y
4	STD1 460-1032501/18	1.0	0.263967	50.0	484909.0	0.263967	Y
5	STD5 460-1032501/7	5.0	1.62214	50.0	512348.0	0.324428	Y
6	STD20 460-1032501/8	20.0	6.687649	50.0	531405.0	0.334382	Y
7	STD50 460-1032501/9	50.0	16.777984	50.0	531363.0	0.33556	Y
8	STD200 460-1032501/10	200.0	68.122981	50.0	540863.0	0.340615	Y
9	STD500 460-1032501/11	500.0	168.298688	50.0	550187.0	0.336597	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

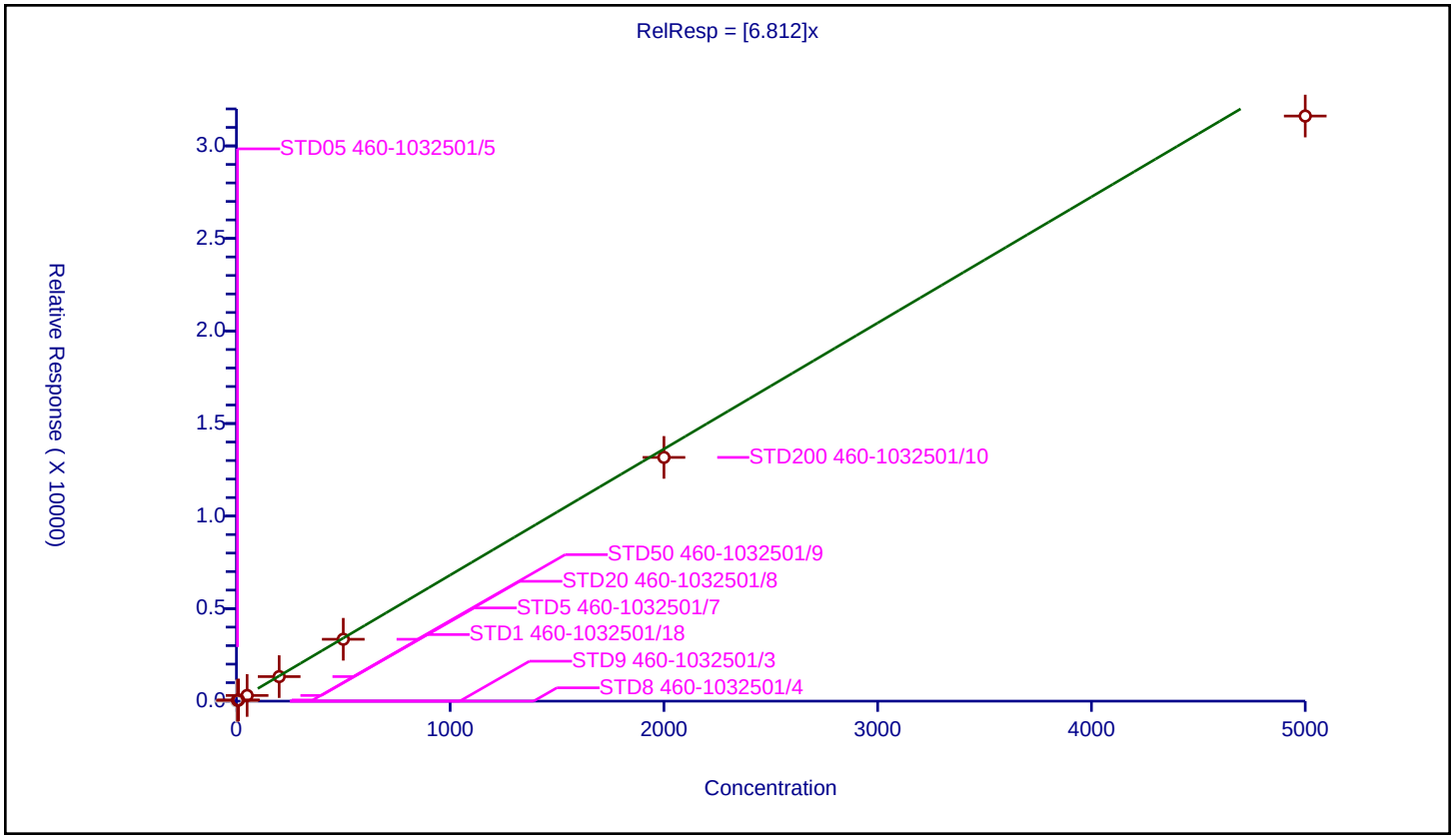
Curve Coefficients

Intercept:	0
Slope:	6.812

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	1000.0	46741.0	NaN	N
2	STD9 460-1032501/3	2.0	0.0	1000.0	42347.0	0.0	N
3	STD05 460-1032501/5	5.0	45.621395	1000.0	43861.0	9.124279	Y
4	STD1 460-1032501/18	10.0	62.043236	1000.0	39134.0	6.204324	Y
5	STD5 460-1032501/7	50.0	306.518783	1000.0	47064.0	6.130376	Y
6	STD20 460-1032501/8	200.0	1325.680783	1000.0	46564.0	6.628404	Y
7	STD50 460-1032501/9	500.0	3342.993507	1000.0	46514.0	6.685987	Y
8	STD200 460-1032501/10	2000.0	13169.202584	1000.0	51855.0	6.584601	Y
9	STD500 460-1032501/11	5000.0	31613.923451	1000.0	52803.0	6.322785	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

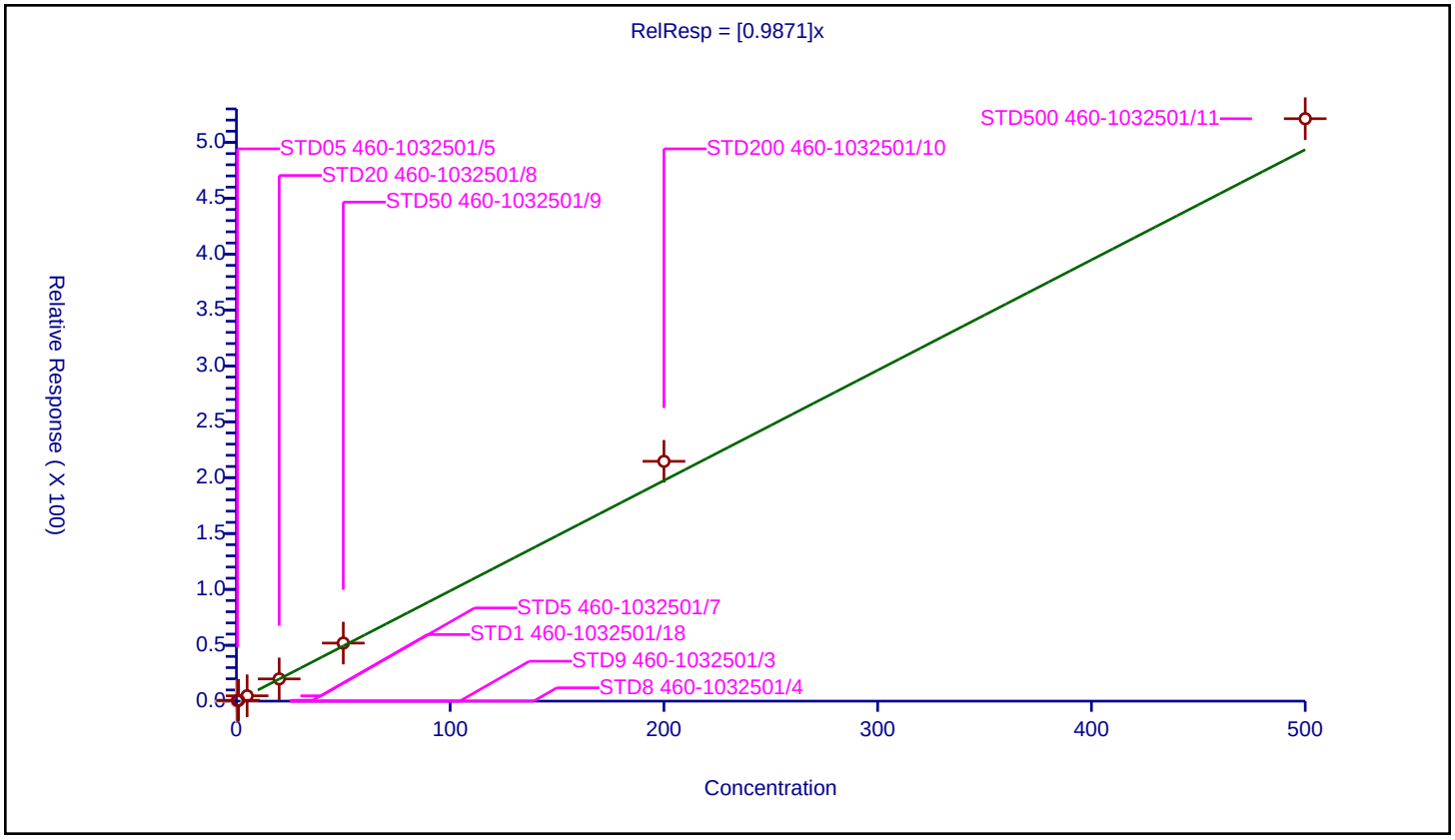
Curve Coefficients

Intercept:	0
Slope:	0.9871

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.507751	50.0	519546.0	1.015502	Y
4	STD1 460-1032501/18	1.0	0.792623	50.0	484909.0	0.792623	Y
5	STD5 460-1032501/7	5.0	4.766877	50.0	512348.0	0.953375	Y
6	STD20 460-1032501/8	20.0	19.879094	50.0	531405.0	0.993955	Y
7	STD50 460-1032501/9	50.0	51.940387	50.0	531363.0	1.038808	Y
8	STD200 460-1032501/10	200.0	214.629305	50.0	540863.0	1.073147	Y
9	STD500 460-1032501/11	500.0	521.225147	50.0	550187.0	1.04245	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

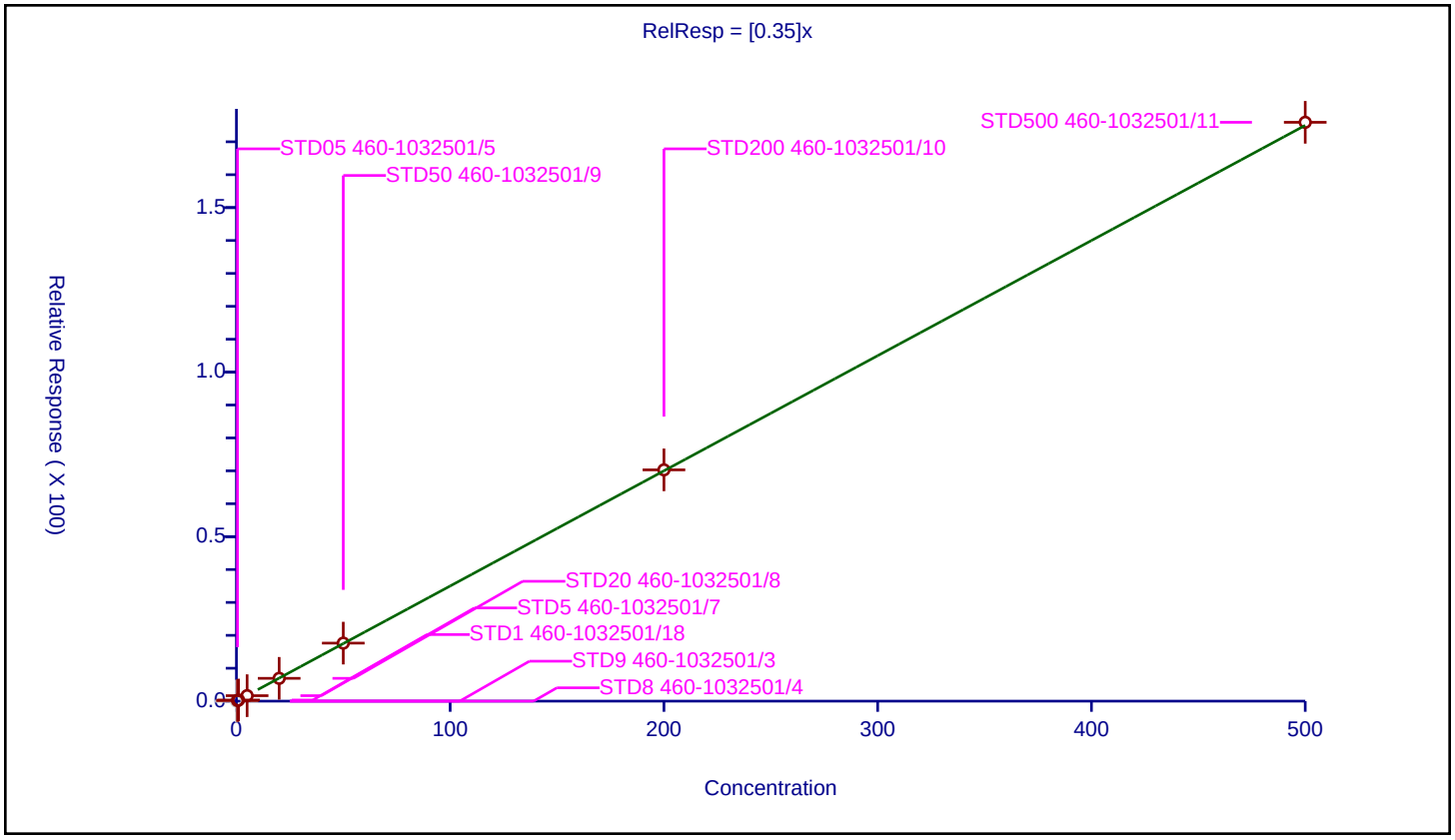
Curve Coefficients

Intercept:	0
Slope:	0.35

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.187568	50.0	519546.0	0.375135	Y
4	STD1 460-1032501/18	1.0	0.339136	50.0	484909.0	0.339136	Y
5	STD5 460-1032501/7	5.0	1.664591	50.0	512348.0	0.332918	Y
6	STD20 460-1032501/8	20.0	6.935859	50.0	531405.0	0.346793	Y
7	STD50 460-1032501/9	50.0	17.63192	50.0	531363.0	0.352638	Y
8	STD200 460-1032501/10	200.0	70.287393	50.0	540863.0	0.351437	Y
9	STD500 460-1032501/11	500.0	175.916643	50.0	550187.0	0.351833	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

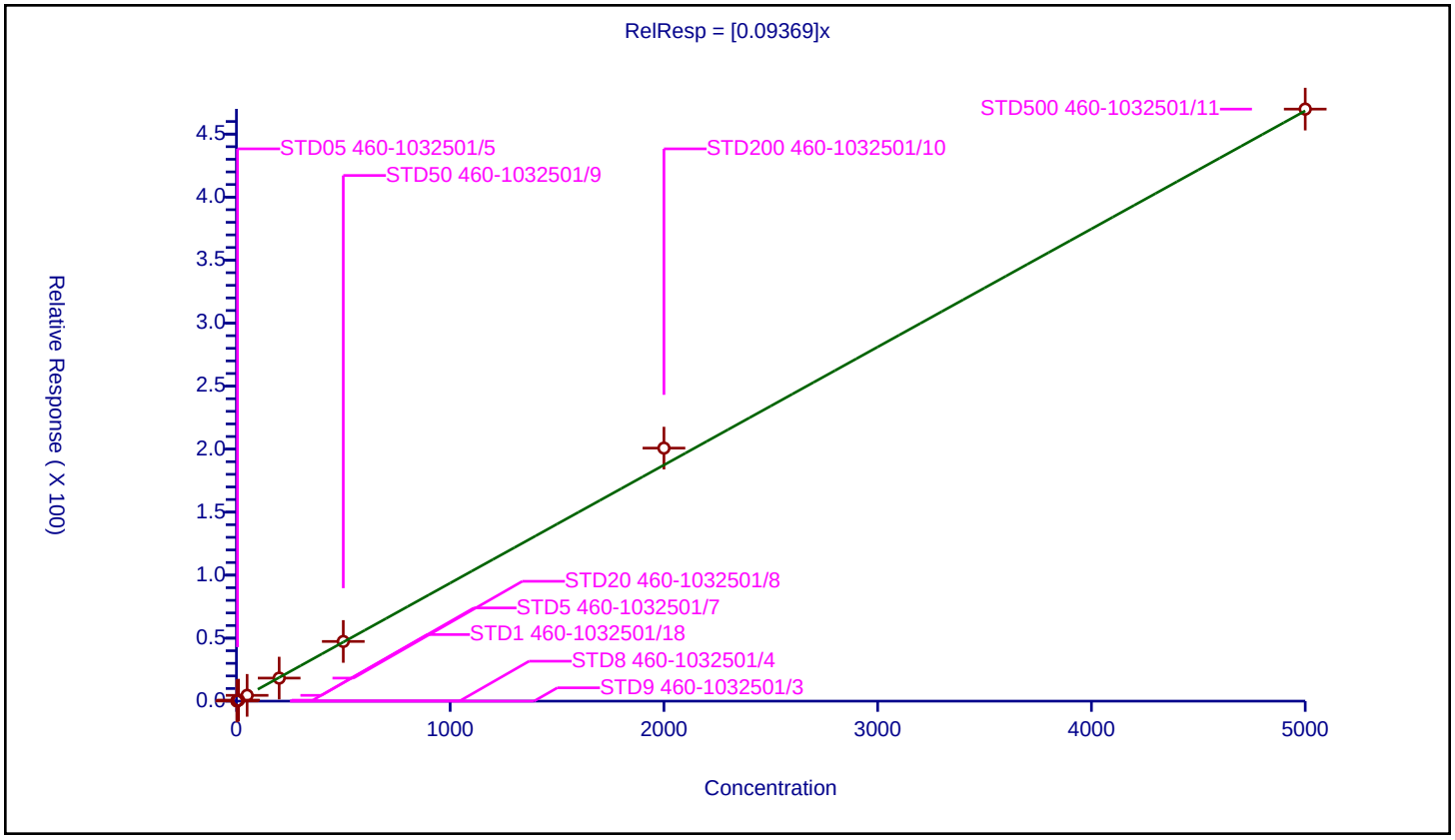
Curve Coefficients

Intercept:	0
Slope:	0.09369

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	2.0	0.0	50.0	505169.0	0.0	N
2	STD8 460-1032501/4	2.0	0.166958	50.0	549239.0	0.083479	Y
3	STD05 460-1032501/5	5.0	0.58349	50.0	519546.0	0.116698	Y
4	STD1 460-1032501/18	10.0	0.767979	50.0	484909.0	0.076798	Y
5	STD5 460-1032501/7	50.0	4.601267	50.0	512348.0	0.092025	Y
6	STD20 460-1032501/8	200.0	18.282948	50.0	531405.0	0.091415	Y
7	STD50 460-1032501/9	500.0	47.375993	50.0	531363.0	0.094752	Y
8	STD200 460-1032501/10	2000.0	200.806119	50.0	540863.0	0.100403	Y
9	STD500 460-1032501/11	5000.0	469.836256	50.0	550187.0	0.093967	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

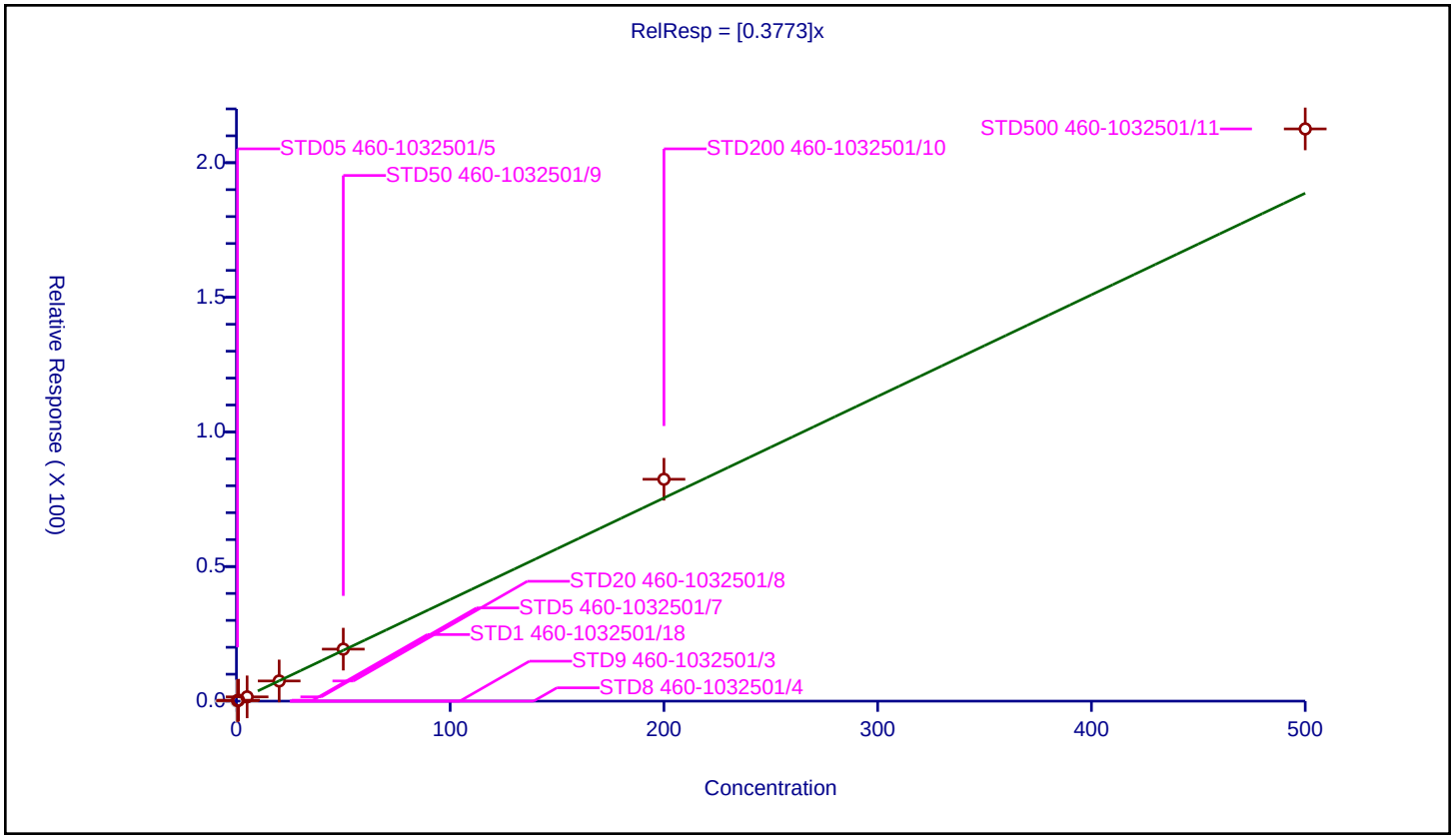
Curve Coefficients

Intercept:	0
Slope:	0.3773

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.190166	50.0	519546.0	0.380332	Y
4	STD1 460-1032501/18	1.0	0.345632	50.0	484909.0	0.345632	Y
5	STD5 460-1032501/7	5.0	1.585543	50.0	512348.0	0.317109	Y
6	STD20 460-1032501/8	20.0	7.49626	50.0	531405.0	0.374813	Y
7	STD50 460-1032501/9	50.0	19.315421	50.0	531363.0	0.386308	Y
8	STD200 460-1032501/10	200.0	82.417082	50.0	540863.0	0.412085	Y
9	STD500 460-1032501/11	500.0	212.563637	50.0	550187.0	0.425127	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

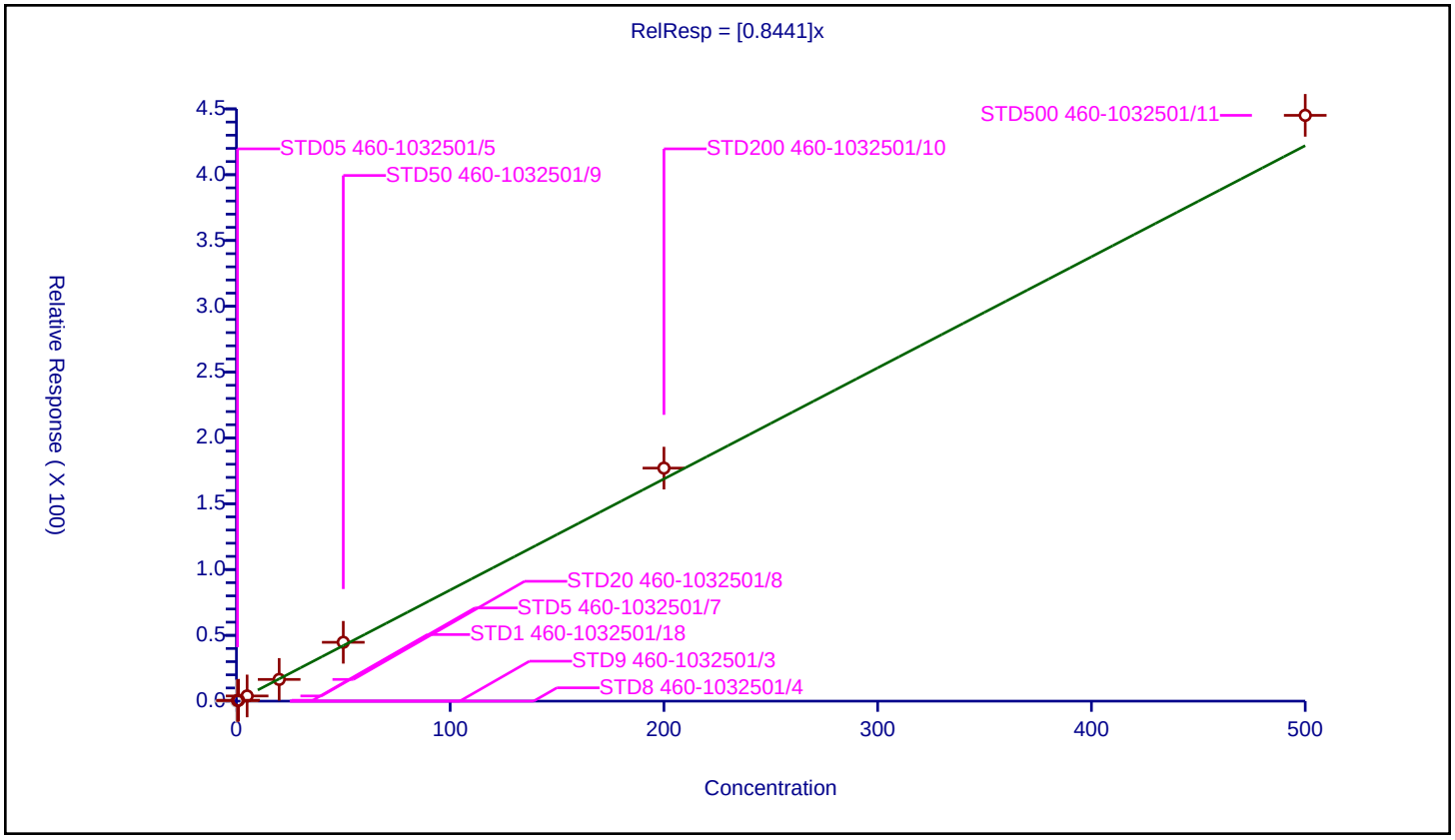
Curve Coefficients

Intercept:	0
Slope:	0.8441

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.475704	50.0	519546.0	0.951408	Y
4	STD1 460-1032501/18	1.0	0.674147	50.0	484909.0	0.674147	Y
5	STD5 460-1032501/7	5.0	3.940583	50.0	512348.0	0.788117	Y
6	STD20 460-1032501/8	20.0	16.506619	50.0	531405.0	0.825331	Y
7	STD50 460-1032501/9	50.0	44.719429	50.0	531363.0	0.894389	Y
8	STD200 460-1032501/10	200.0	177.063046	50.0	540863.0	0.885315	Y
9	STD500 460-1032501/11	500.0	445.106755	50.0	550187.0	0.890214	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

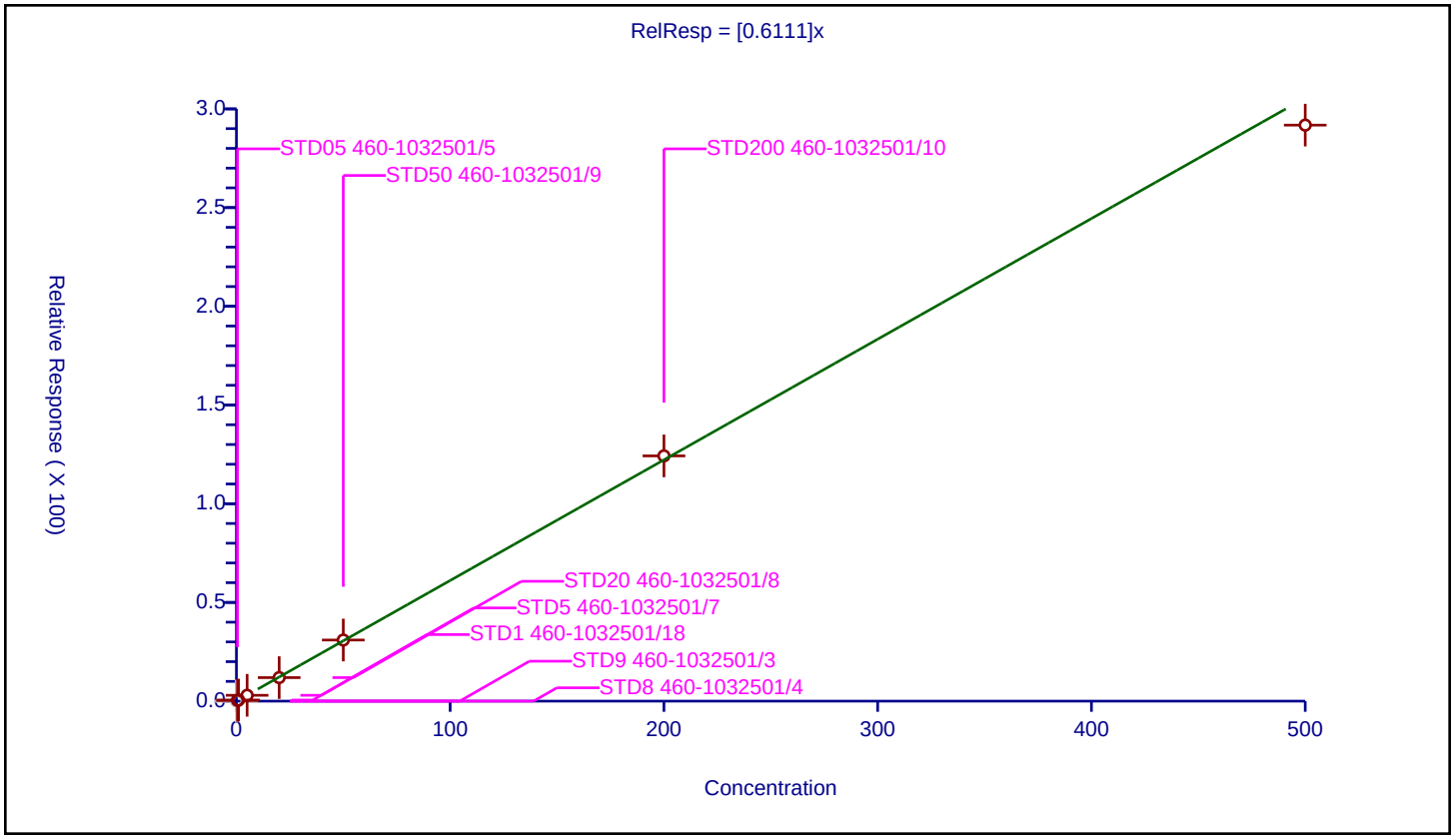
Curve Coefficients

Intercept:	0
Slope:	0.6111

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.360507	50.0	519546.0	0.721014	Y
4	STD1 460-1032501/18	1.0	0.543813	50.0	484909.0	0.543813	Y
5	STD5 460-1032501/7	5.0	2.96566	50.0	512348.0	0.593132	Y
6	STD20 460-1032501/8	20.0	11.921416	50.0	531405.0	0.596071	Y
7	STD50 460-1032501/9	50.0	30.95511	50.0	531363.0	0.619102	Y
8	STD200 460-1032501/10	200.0	124.238578	50.0	540863.0	0.621193	Y
9	STD500 460-1032501/11	500.0	291.788519	50.0	550187.0	0.583577	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

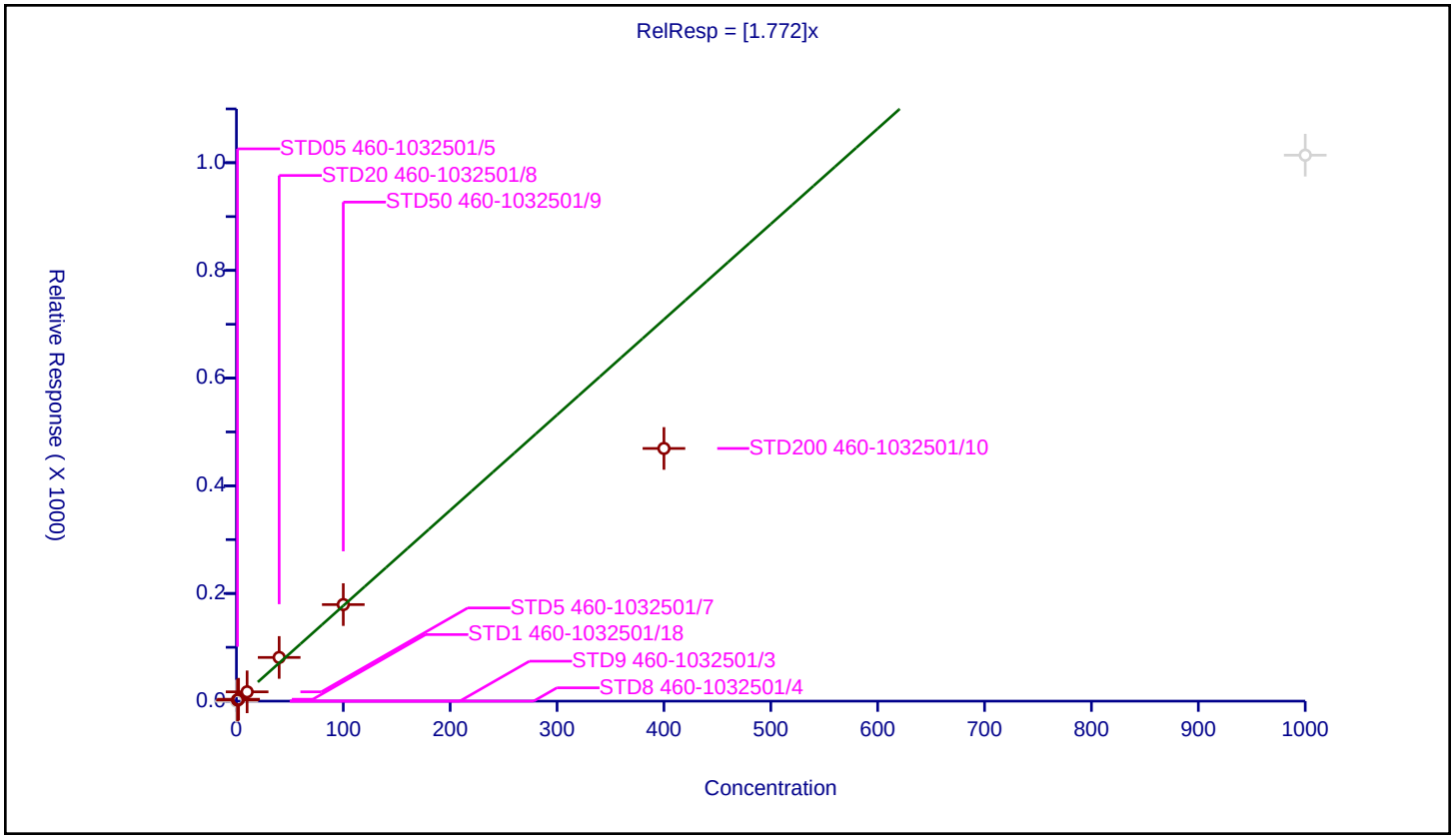
Curve Coefficients

Intercept:	0
Slope:	1.772

Error Coefficients

Relative Standard Deviation:	19.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	250.0	162445.0	NaN	N
2	STD9 460-1032501/3	0.4	0.0	250.0	212708.0	0.0	N
3	STD05 460-1032501/5	1.0	2.157212	250.0	98275.0	2.157212	Y
4	STD1 460-1032501/18	2.0	3.500133	250.0	90068.0	1.750067	Y
5	STD5 460-1032501/7	10.0	17.31123	250.0	94043.0	1.731123	Y
6	STD20 460-1032501/8	40.0	81.135781	250.0	87332.0	2.028395	Y
7	STD50 460-1032501/9	100.0	179.343985	250.0	107528.0	1.79344	Y
8	STD200 460-1032501/10	400.0	469.333238	250.0	174725.0	1.173333	Y
9	STD500 460-1032501/11	1000.0	1014.035409	250.0	199442.0	1.014035	N



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

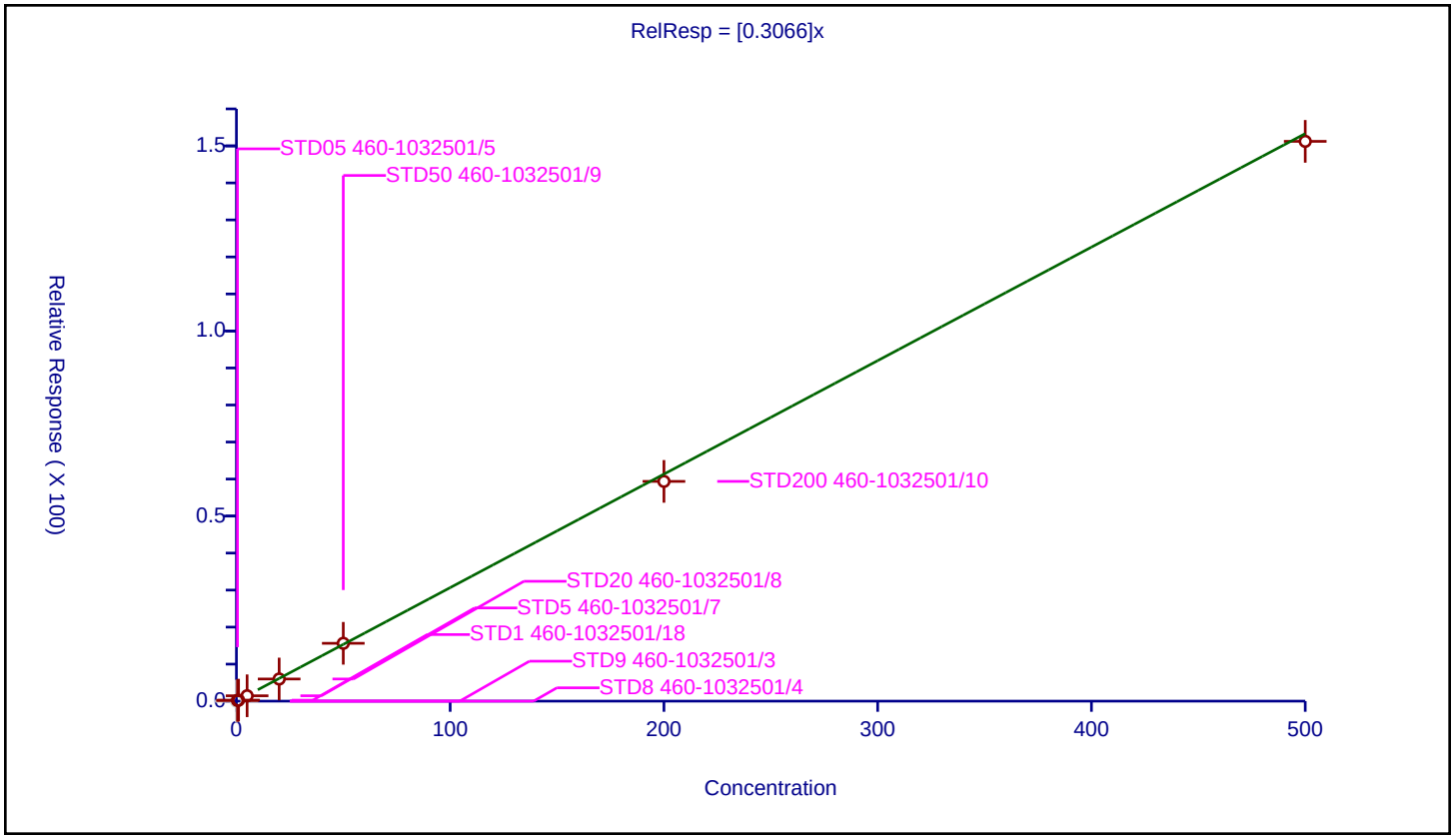
Curve Coefficients

Intercept:	0
Slope:	0.3066

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.191898	50.0	519546.0	0.383797	Y
4	STD1 460-1032501/18	1.0	0.262523	50.0	484909.0	0.262523	Y
5	STD5 460-1032501/7	5.0	1.446966	50.0	512348.0	0.289393	Y
6	STD20 460-1032501/8	20.0	5.979902	50.0	531405.0	0.298995	Y
7	STD50 460-1032501/9	50.0	15.623218	50.0	531363.0	0.312464	Y
8	STD200 460-1032501/10	200.0	59.364571	50.0	540863.0	0.296823	Y
9	STD500 460-1032501/11	500.0	151.226765	50.0	550187.0	0.302454	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

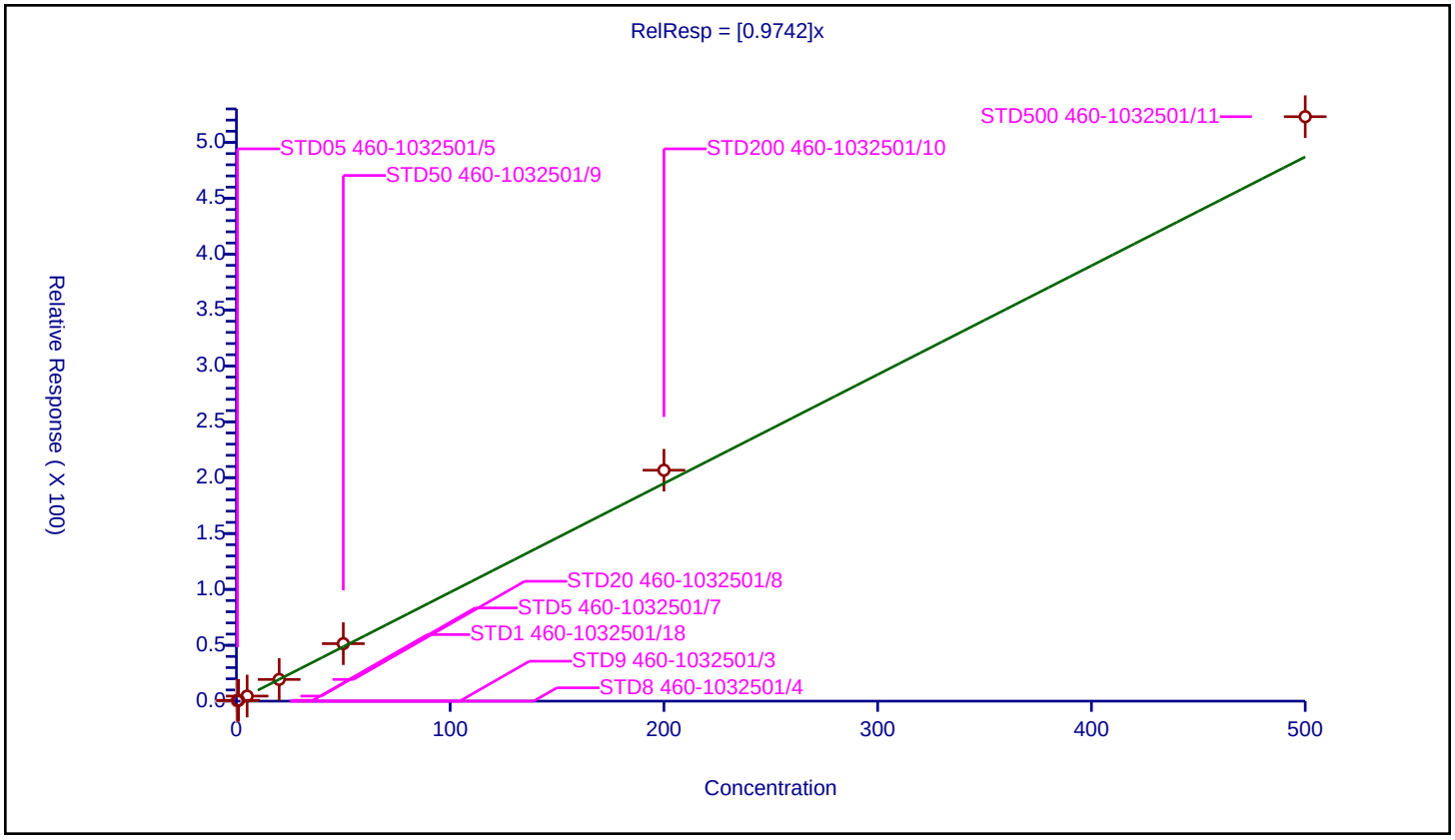
Curve Coefficients

Intercept:	0
Slope:	0.9742

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.53643	50.0	519546.0	1.07286	Y
4	STD1 460-1032501/18	1.0	0.761483	50.0	484909.0	0.761483	Y
5	STD5 460-1032501/7	5.0	4.530124	50.0	512348.0	0.906025	Y
6	STD20 460-1032501/8	20.0	19.414383	50.0	531405.0	0.970719	Y
7	STD50 460-1032501/9	50.0	51.436777	50.0	531363.0	1.028736	Y
8	STD200 460-1032501/10	200.0	206.651315	50.0	540863.0	1.033257	Y
9	STD500 460-1032501/11	500.0	523.028443	50.0	550187.0	1.046057	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

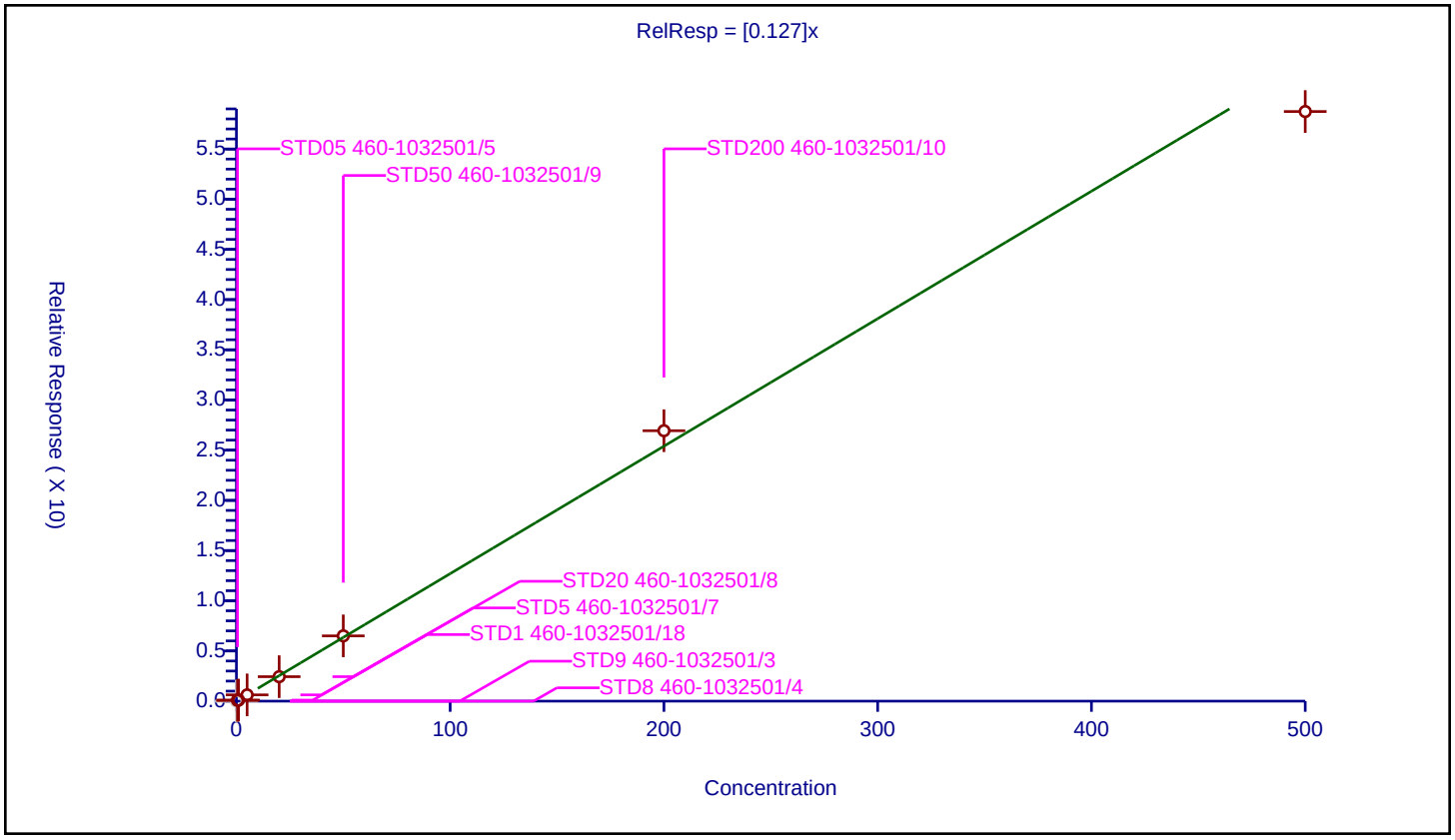
Curve Coefficients

Intercept:	0
Slope:	0.127

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.078626	50.0	519546.0	0.157253	Y
4	STD1 460-1032501/18	1.0	0.102803	50.0	484909.0	0.102803	Y
5	STD5 460-1032501/7	5.0	0.624185	50.0	512348.0	0.124837	Y
6	STD20 460-1032501/8	20.0	2.437218	50.0	531405.0	0.121861	Y
7	STD50 460-1032501/9	50.0	6.503181	50.0	531363.0	0.130064	Y
8	STD200 460-1032501/10	200.0	26.939909	50.0	540863.0	0.1347	Y
9	STD500 460-1032501/11	500.0	58.736121	50.0	550187.0	0.117472	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

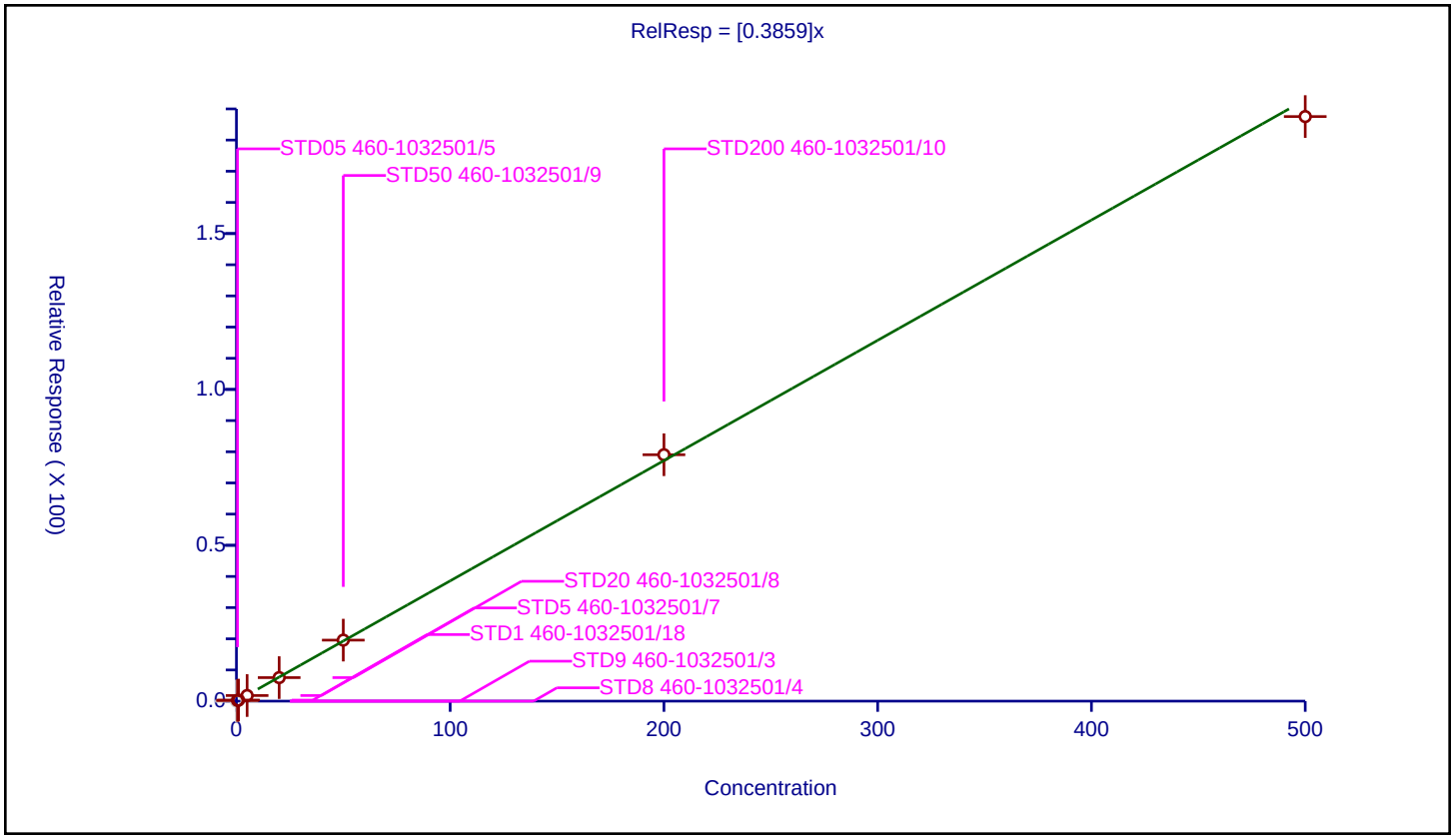
Curve Coefficients

Intercept:	0
Slope:	0.3859

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.234243	50.0	519546.0	0.468486	Y
4	STD1 460-1032501/18	1.0	0.332743	50.0	484909.0	0.332743	Y
5	STD5 460-1032501/7	5.0	1.802779	50.0	512348.0	0.360556	Y
6	STD20 460-1032501/8	20.0	7.548668	50.0	531405.0	0.377433	Y
7	STD50 460-1032501/9	50.0	19.571178	50.0	531363.0	0.391424	Y
8	STD200 460-1032501/10	200.0	79.051534	50.0	540863.0	0.395258	Y
9	STD500 460-1032501/11	500.0	187.536874	50.0	550187.0	0.375074	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

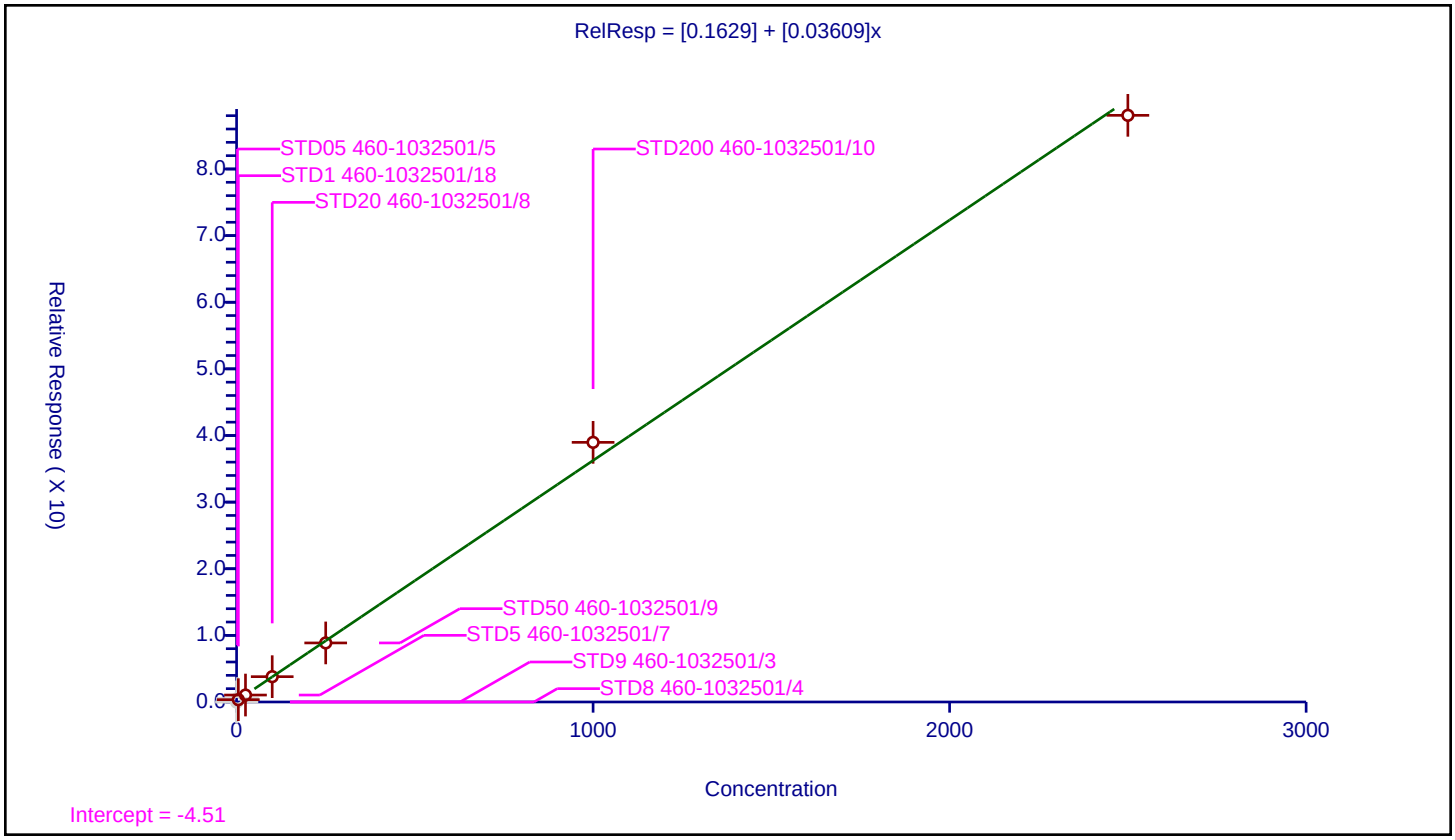
Curve Coefficients

Intercept:	0.1629
Slope:	0.03609

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	1.0	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	2.5	0.520166	50.0	519546.0	0.208066	N
4	STD1 460-1032501/18	5.0	0.344291	50.0	484909.0	0.068858	Y
5	STD5 460-1032501/7	25.0	1.040699	50.0	512348.0	0.041628	Y
6	STD20 460-1032501/8	100.0	3.79955	50.0	531405.0	0.037996	Y
7	STD50 460-1032501/9	250.0	8.862303	50.0	531363.0	0.035449	Y
8	STD200 460-1032501/10	1000.0	38.967724	50.0	540863.0	0.038968	Y
9	STD500 460-1032501/11	2500.0	88.052608	50.0	550187.0	0.035221	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

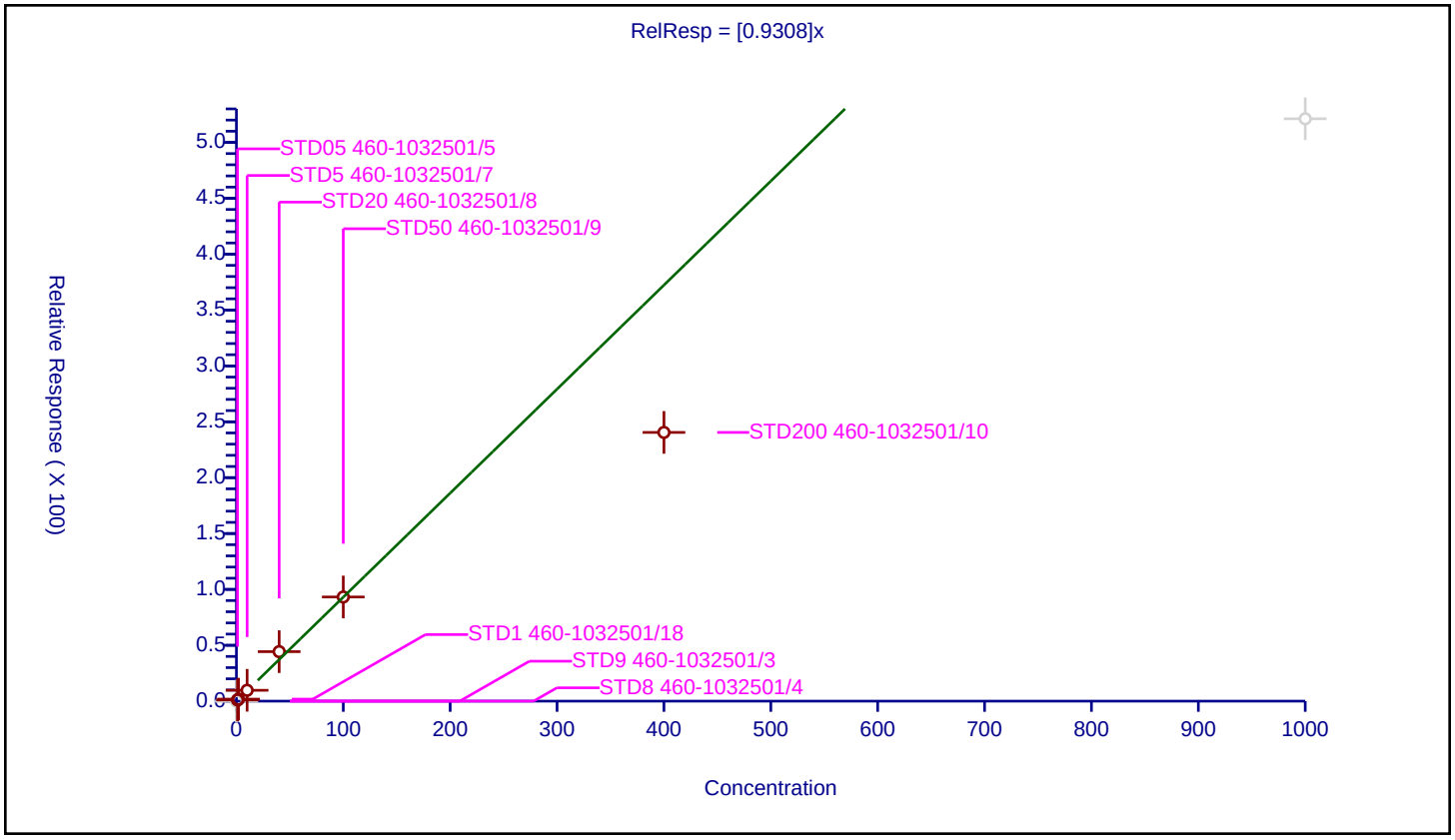
Curve Coefficients

Intercept:	0
Slope:	0.9308

Error Coefficients

Relative Standard Deviation:	19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	250.0	162445.0	NaN	N
2	STD9 460-1032501/3	0.4	0.0	250.0	212708.0	0.0	N
3	STD05 460-1032501/5	1.0	1.078606	250.0	98275.0	1.078606	Y
4	STD1 460-1032501/18	2.0	1.790314	250.0	90068.0	0.895157	Y
5	STD5 460-1032501/7	10.0	9.705667	250.0	94043.0	0.970567	Y
6	STD20 460-1032501/8	40.0	44.285027	250.0	87332.0	1.107126	Y
7	STD50 460-1032501/9	100.0	93.215256	250.0	107528.0	0.932153	Y
8	STD200 460-1032501/10	400.0	240.476463	250.0	174725.0	0.601191	Y
9	STD500 460-1032501/11	1000.0	521.152766	250.0	199442.0	0.521153	N



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

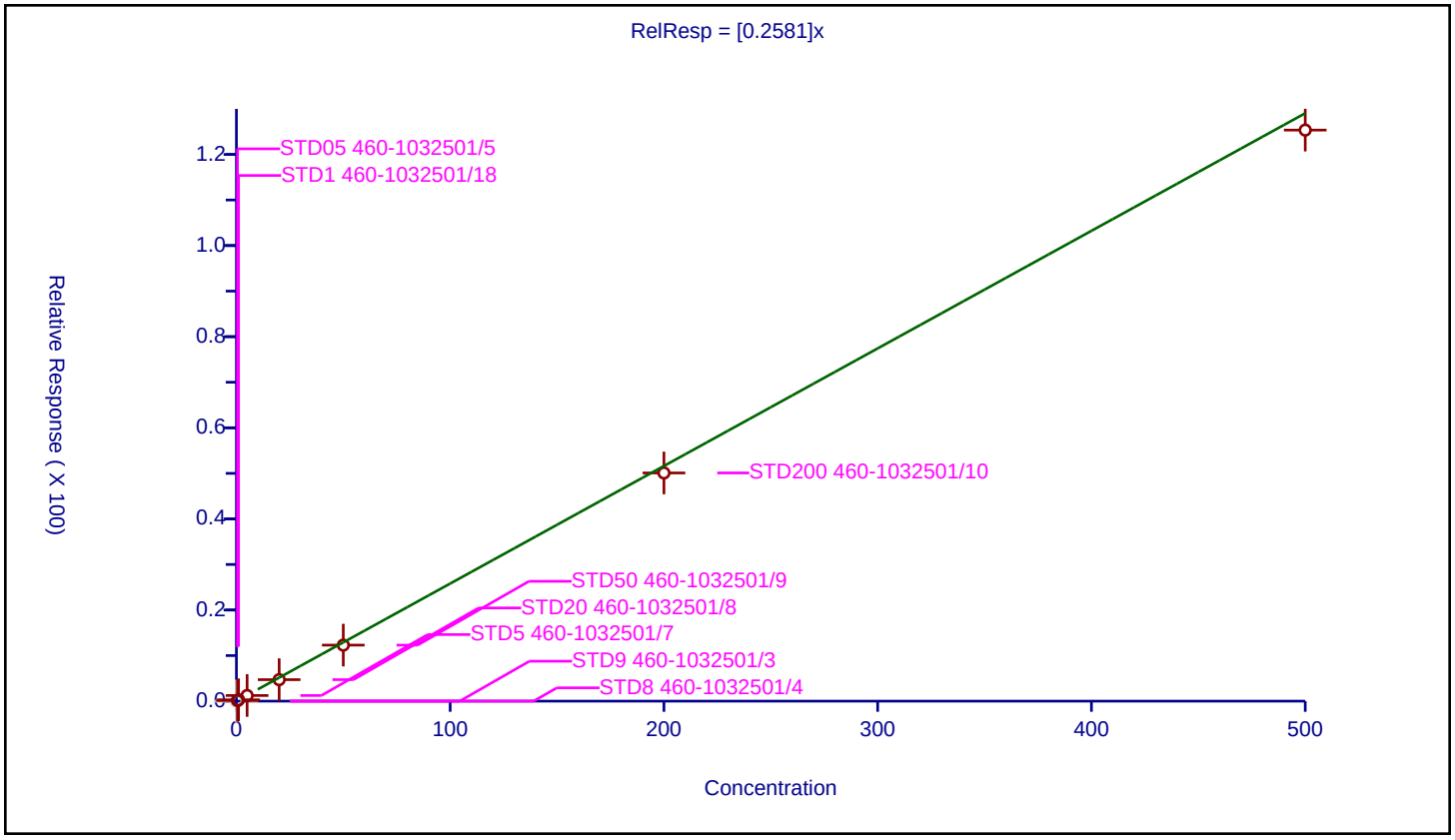
Curve Coefficients

Intercept:	0
Slope:	0.2581

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.139641	50.0	519546.0	0.279282	Y
4	STD1 460-1032501/18	1.0	0.297685	50.0	484909.0	0.297685	Y
5	STD5 460-1032501/7	5.0	1.234512	50.0	512348.0	0.246902	Y
6	STD20 460-1032501/8	20.0	4.713354	50.0	531405.0	0.235668	Y
7	STD50 460-1032501/9	50.0	12.295173	50.0	531363.0	0.245903	Y
8	STD200 460-1032501/10	200.0	50.090226	50.0	540863.0	0.250451	Y
9	STD500 460-1032501/11	500.0	125.345928	50.0	550187.0	0.250692	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

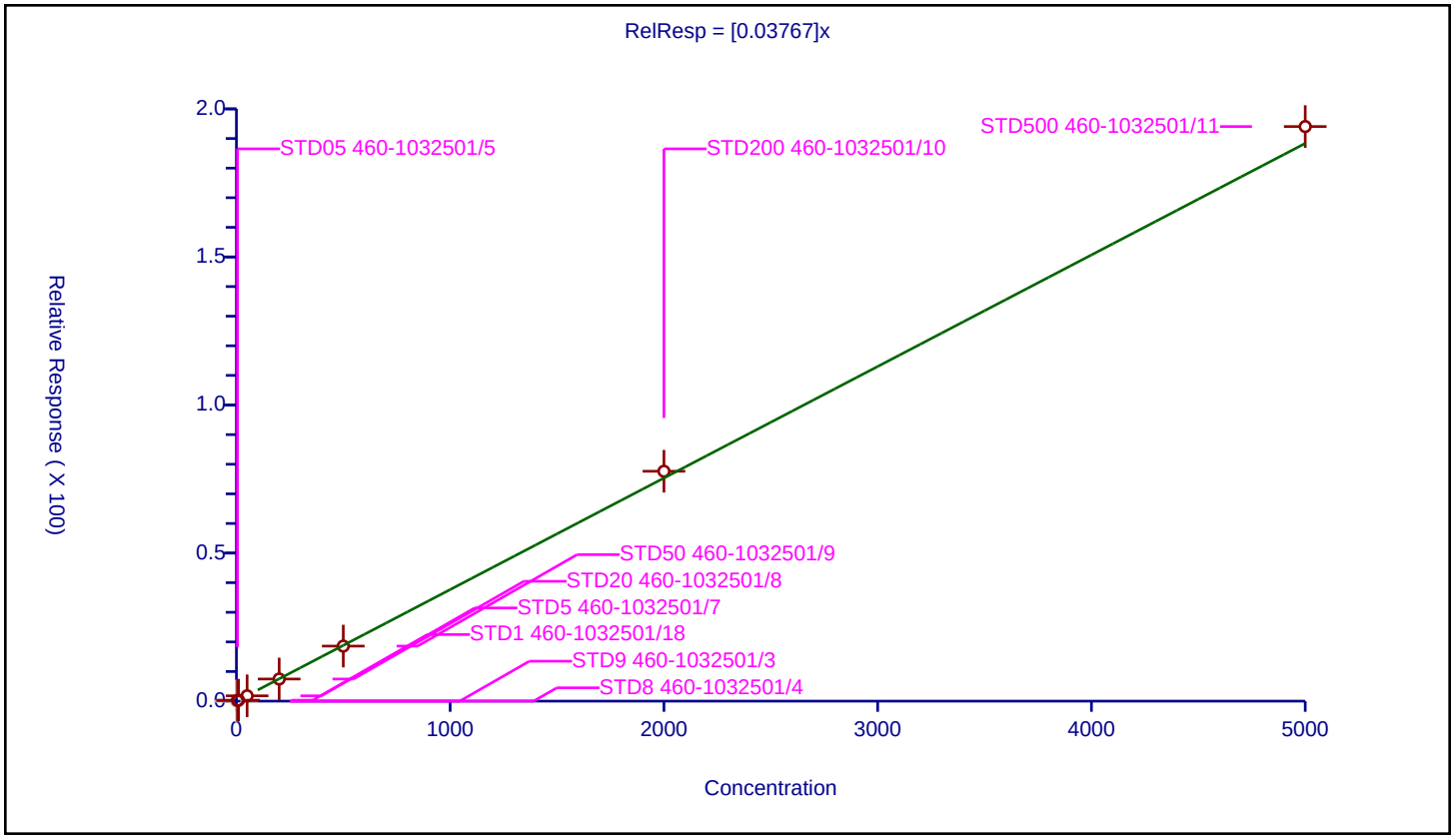
Curve Coefficients

Intercept:	0
Slope:	0.03767

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	2.0	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	5.0	0.219422	50.0	519546.0	0.043884	Y
4	STD1 460-1032501/18	10.0	0.318616	50.0	484909.0	0.031862	Y
5	STD5 460-1032501/7	50.0	1.790385	50.0	512348.0	0.035808	Y
6	STD20 460-1032501/8	200.0	7.469444	50.0	531405.0	0.037347	Y
7	STD50 460-1032501/9	500.0	18.585506	50.0	531363.0	0.037171	Y
8	STD200 460-1032501/10	2000.0	77.63038	50.0	540863.0	0.038815	Y
9	STD500 460-1032501/11	5000.0	194.035846	50.0	550187.0	0.038807	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

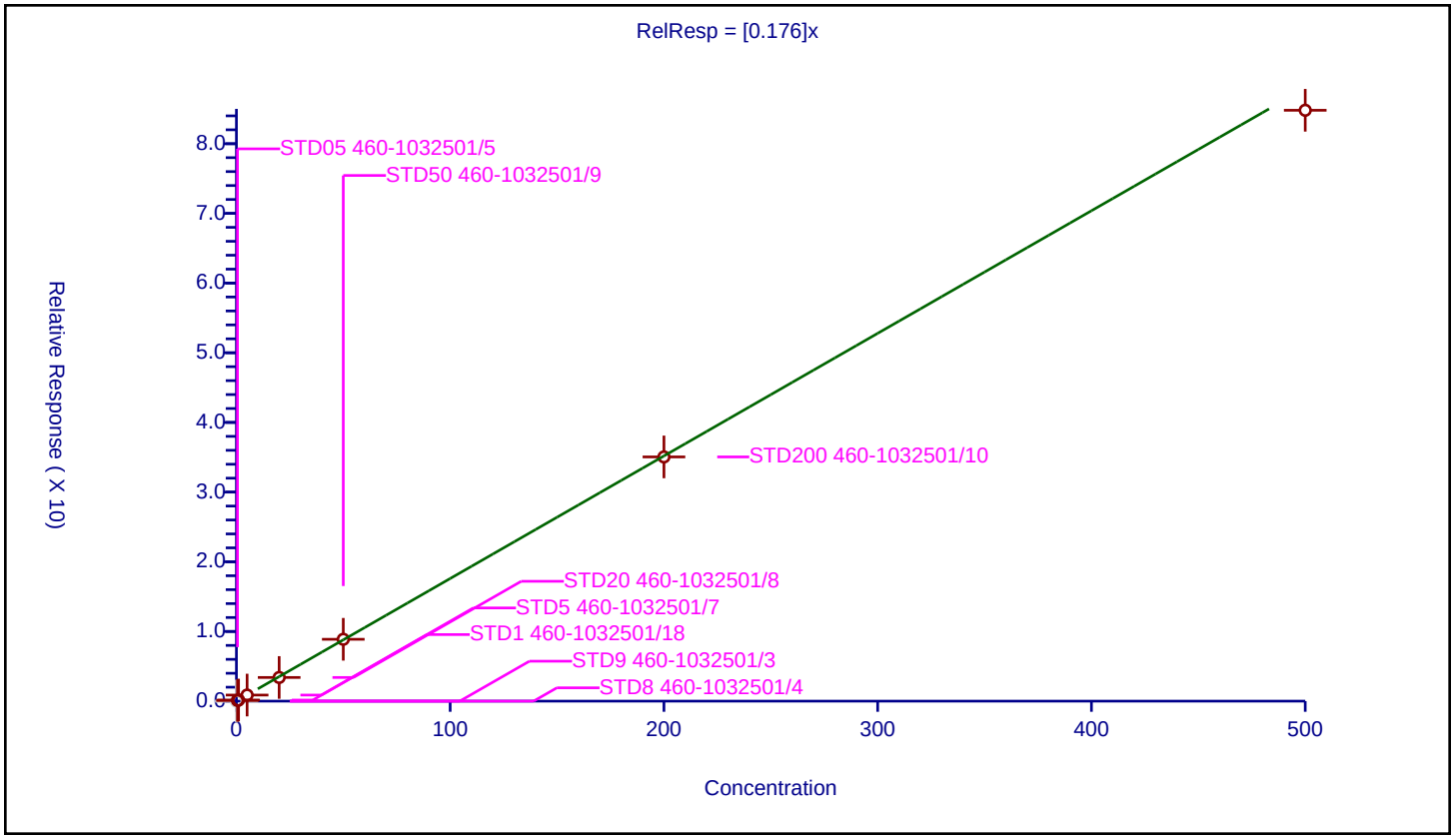
Curve Coefficients

Intercept:	0
Slope:	0.176

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.104129	50.0	519546.0	0.208259	Y
4	STD1 460-1032501/18	1.0	0.156215	50.0	484909.0	0.156215	Y
5	STD5 460-1032501/7	5.0	0.875284	50.0	512348.0	0.175057	Y
6	STD20 460-1032501/8	20.0	3.395339	50.0	531405.0	0.169767	Y
7	STD50 460-1032501/9	50.0	8.876888	50.0	531363.0	0.177538	Y
8	STD200 460-1032501/10	200.0	35.049356	50.0	540863.0	0.175247	Y
9	STD500 460-1032501/11	500.0	84.800077	50.0	550187.0	0.1696	Y



Calibration / Tetrahydrofuran

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

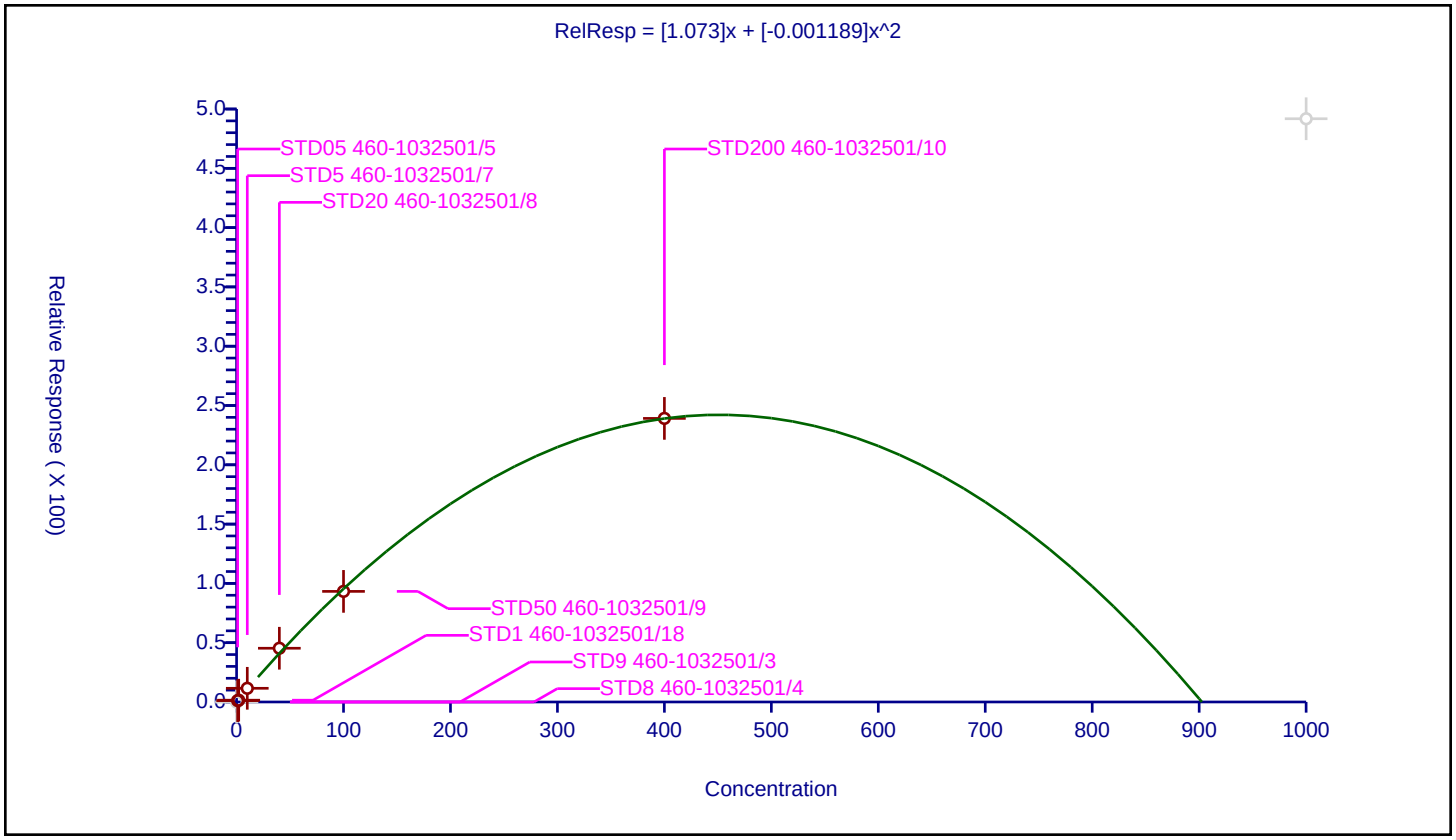
Curve Coefficients

Intercept:	0
Slope:	1.073
Second Order:	-0.001189

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	250.0	162445.0	NaN	N
2	STD9 460-1032501/3	0.4	0.0	250.0	212708.0	0.0	N
3	STD05 460-1032501/5	1.0	1.167642	250.0	98275.0	1.167642	Y
4	STD1 460-1032501/18	2.0	1.523849	250.0	90068.0	0.761924	Y
5	STD5 460-1032501/7	10.0	11.550567	250.0	94043.0	1.155057	Y
6	STD20 460-1032501/8	40.0	45.309852	250.0	87332.0	1.132746	Y
7	STD50 460-1032501/9	100.0	93.266405	250.0	107528.0	0.932664	Y
8	STD200 460-1032501/10	400.0	239.128631	250.0	174725.0	0.597822	Y
9	STD500 460-1032501/11	1000.0	491.785832	250.0	199442.0	0.491786	N



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

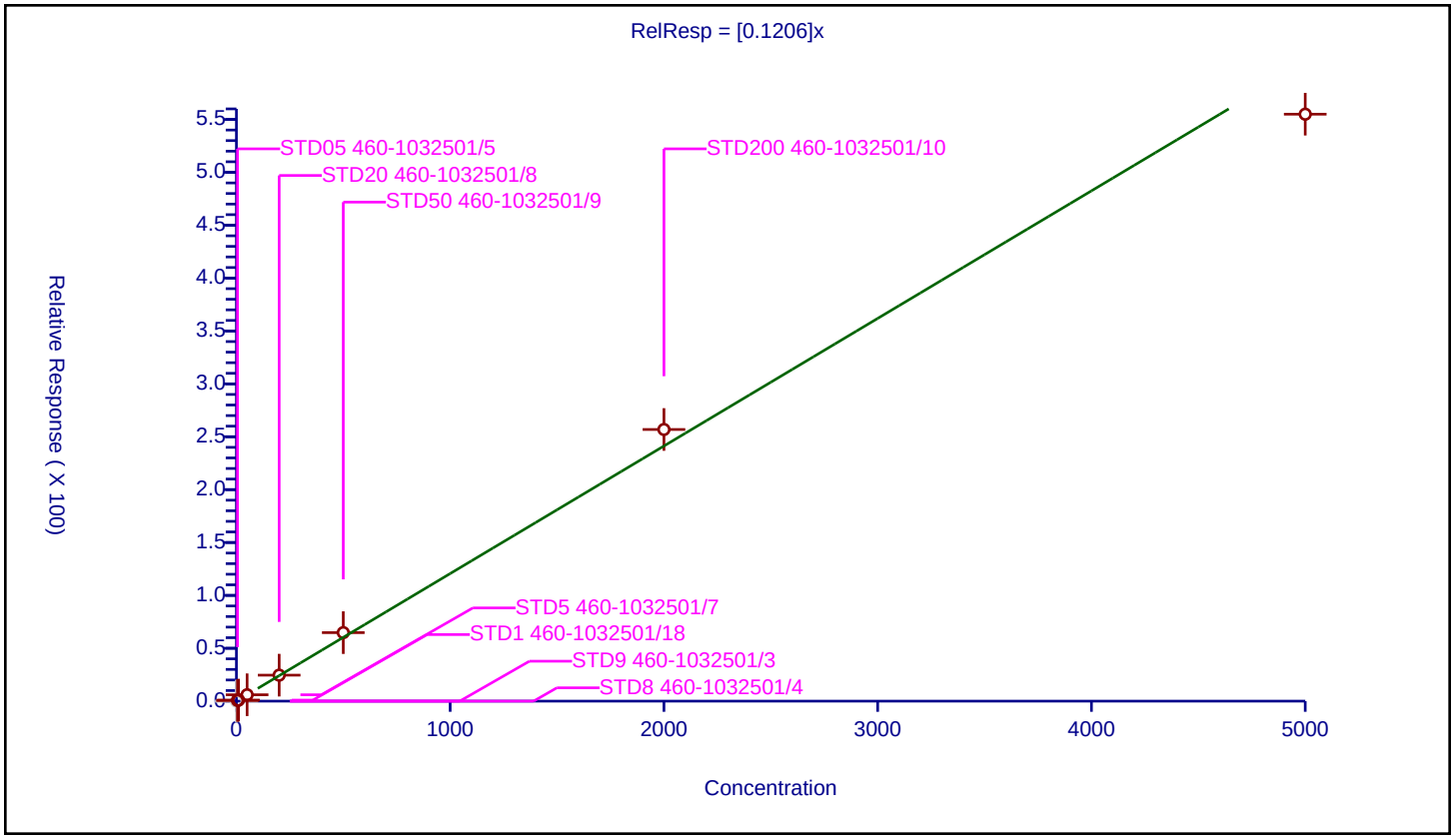
Curve Coefficients

Intercept:	0
Slope:	0.1206

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	2.0	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	5.0	0.670297	50.0	519546.0	0.134059	Y
4	STD1 460-1032501/18	10.0	0.980699	50.0	484909.0	0.09807	Y
5	STD5 460-1032501/7	50.0	6.021396	50.0	512348.0	0.120428	Y
6	STD20 460-1032501/8	200.0	24.570996	50.0	531405.0	0.122855	Y
7	STD50 460-1032501/9	500.0	64.782738	50.0	531363.0	0.129565	Y
8	STD200 460-1032501/10	2000.0	256.858484	50.0	540863.0	0.128429	Y
9	STD500 460-1032501/11	5000.0	554.980034	50.0	550187.0	0.110996	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

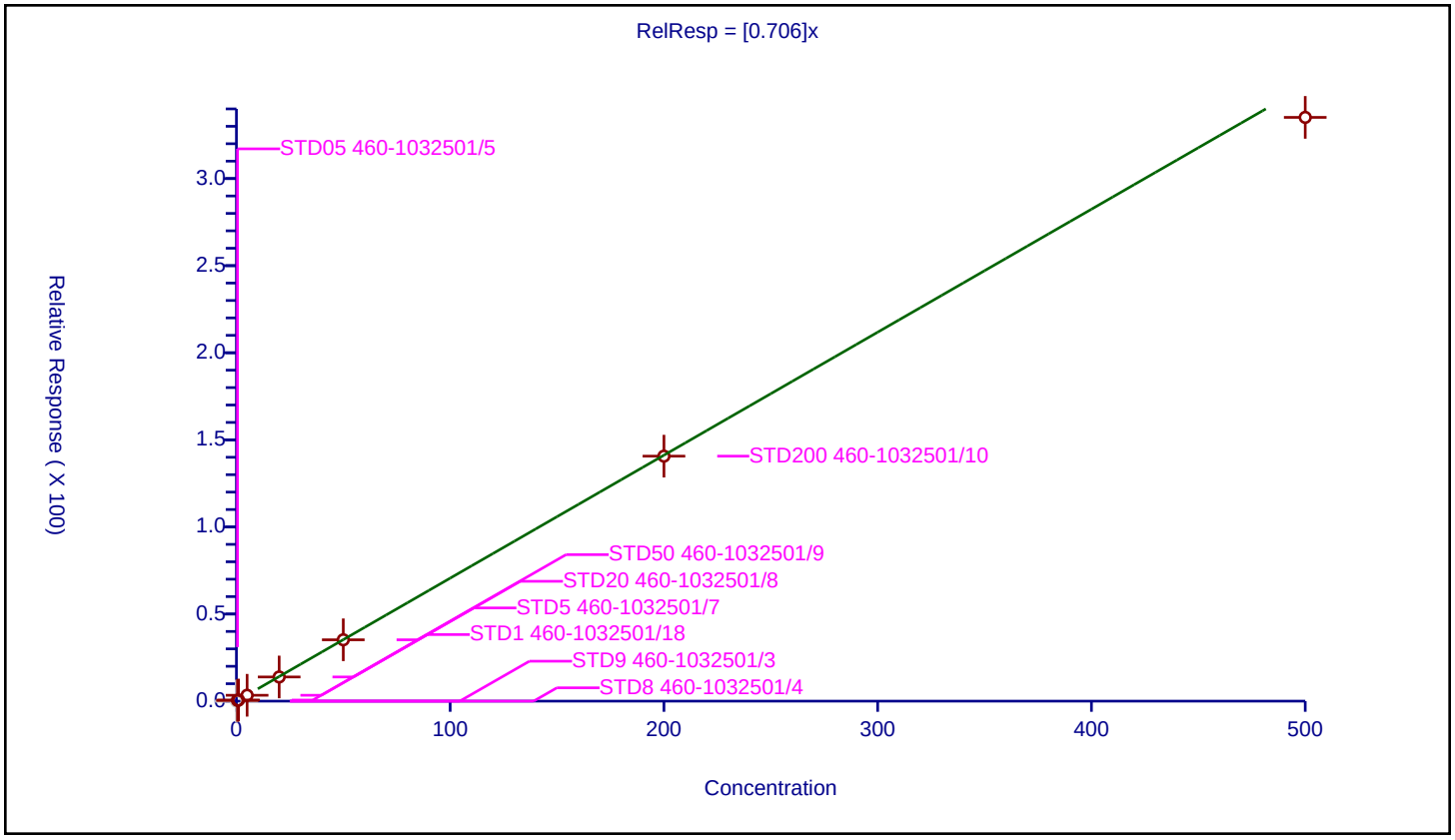
Curve Coefficients

Intercept:	0
Slope:	0.706

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.439711	50.0	519546.0	0.879422	Y
4	STD1 460-1032501/18	1.0	0.618054	50.0	484909.0	0.618054	Y
5	STD5 460-1032501/7	5.0	3.364608	50.0	512348.0	0.672922	Y
6	STD20 460-1032501/8	20.0	13.878304	50.0	531405.0	0.693915	Y
7	STD50 460-1032501/9	50.0	35.21905	50.0	531363.0	0.704381	Y
8	STD200 460-1032501/10	200.0	140.643841	50.0	540863.0	0.703219	Y
9	STD500 460-1032501/11	500.0	335.11597	50.0	550187.0	0.670232	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

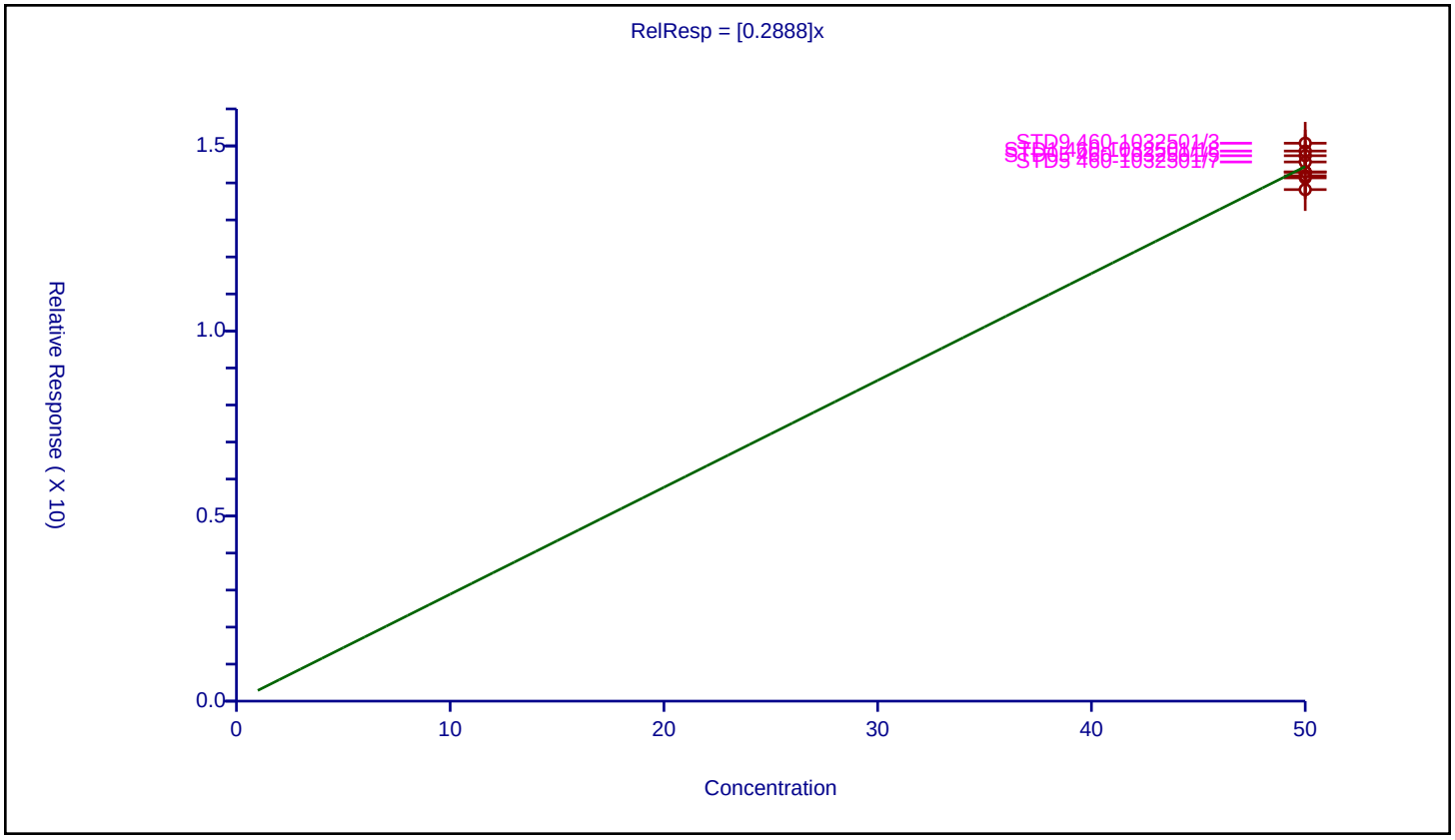
Curve Coefficients

Intercept:	0
Slope:	0.2888

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	50.0	15.072778	50.0	505169.0	0.301456	Y
2	STD8 460-1032501/4	50.0	14.193457	50.0	549239.0	0.283869	Y
3	STD05 460-1032501/5	50.0	14.735269	50.0	519546.0	0.294705	Y
4	STD5 460-1032501/7	50.0	14.566369	50.0	512348.0	0.291327	Y
5	STD20 460-1032501/8	50.0	14.293806	50.0	531405.0	0.285876	Y
6	STD50 460-1032501/9	50.0	14.29663	50.0	531363.0	0.285933	Y
7	STD200 460-1032501/10	50.0	14.136574	50.0	540863.0	0.282731	Y
8	STD500 460-1032501/11	50.0	13.819756	50.0	550187.0	0.276395	Y
9	STD1 460-1032501/18	50.0	14.861448	50.0	484909.0	0.297229	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

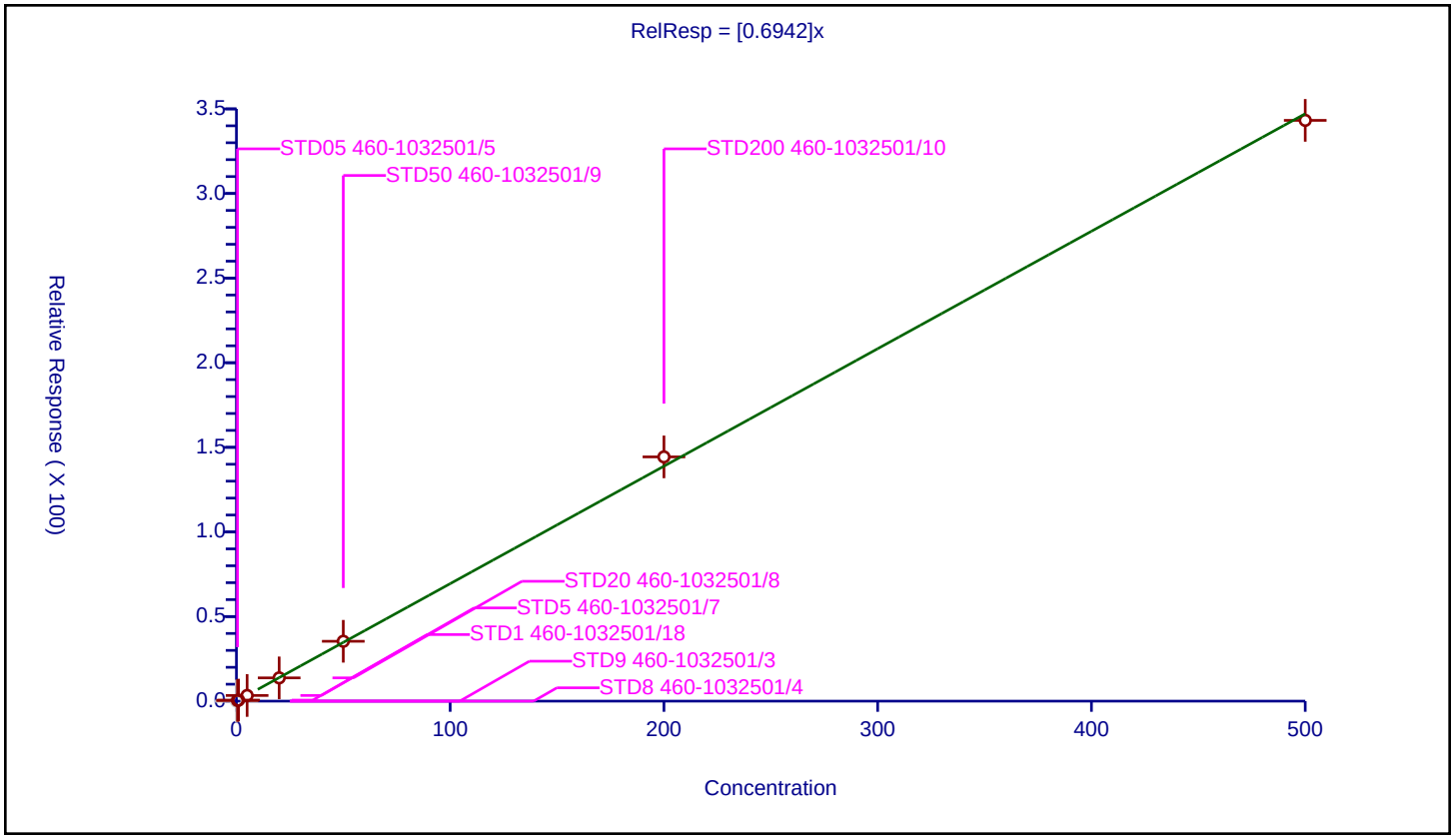
Curve Coefficients

Intercept:	0
Slope:	0.6942

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.394287	50.0	519546.0	0.788573	Y
4	STD1 460-1032501/18	1.0	0.598566	50.0	484909.0	0.598566	Y
5	STD5 460-1032501/7	5.0	3.34587	50.0	512348.0	0.669174	Y
6	STD20 460-1032501/8	20.0	13.751564	50.0	531405.0	0.687578	Y
7	STD50 460-1032501/9	50.0	35.382686	50.0	531363.0	0.707654	Y
8	STD200 460-1032501/10	200.0	144.341081	50.0	540863.0	0.721705	Y
9	STD500 460-1032501/11	500.0	343.208854	50.0	550187.0	0.686418	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

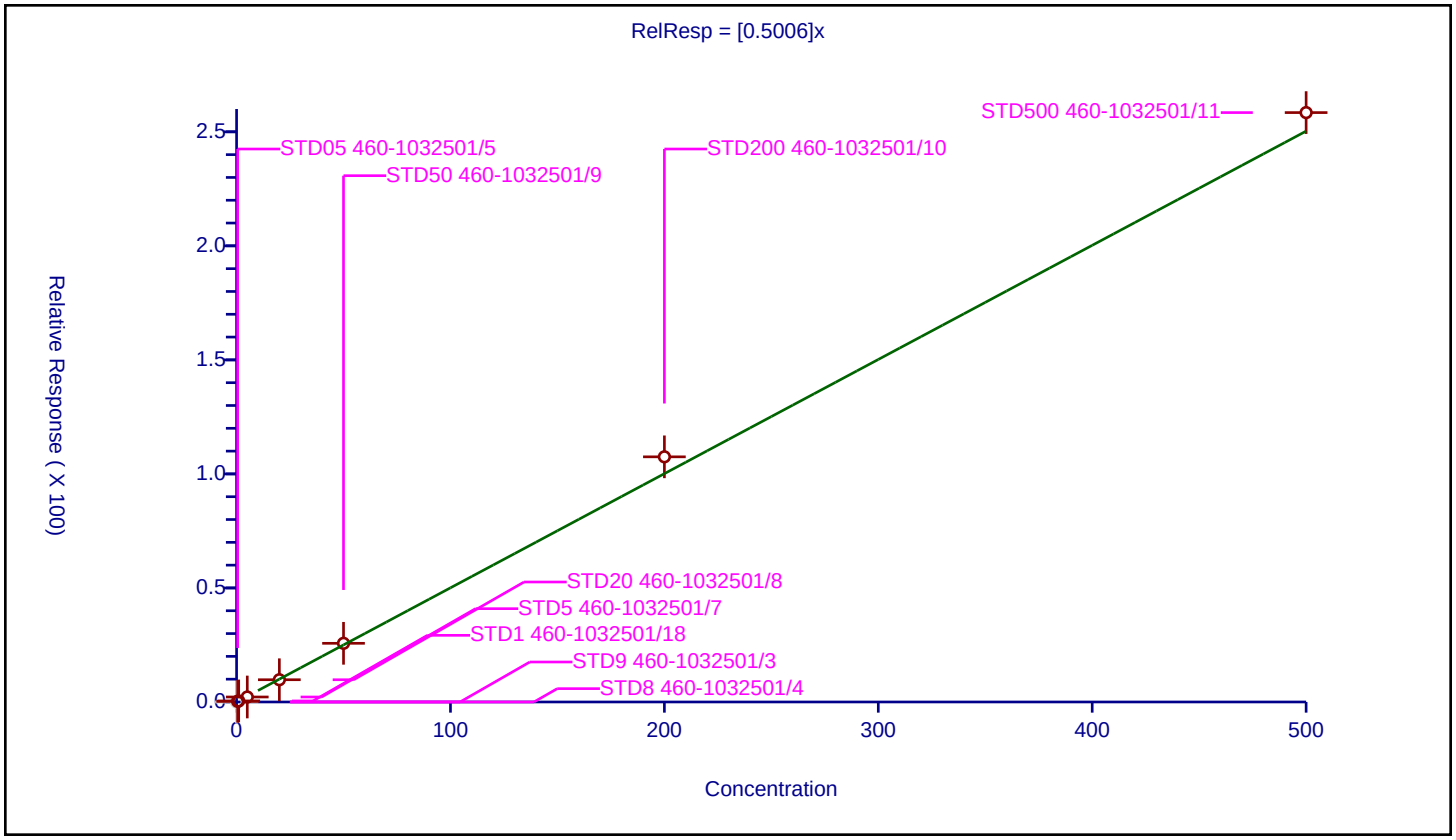
Curve Coefficients

Intercept:	0
Slope:	0.5006

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.271295	50.0	519546.0	0.542589	Y
4	STD1 460-1032501/18	1.0	0.466376	50.0	484909.0	0.466376	Y
5	STD5 460-1032501/7	5.0	2.19187	50.0	512348.0	0.438374	Y
6	STD20 460-1032501/8	20.0	9.761575	50.0	531405.0	0.488079	Y
7	STD50 460-1032501/9	50.0	25.723658	50.0	531363.0	0.514473	Y
8	STD200 460-1032501/10	200.0	107.494689	50.0	540863.0	0.537473	Y
9	STD500 460-1032501/11	500.0	258.427953	50.0	550187.0	0.516856	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

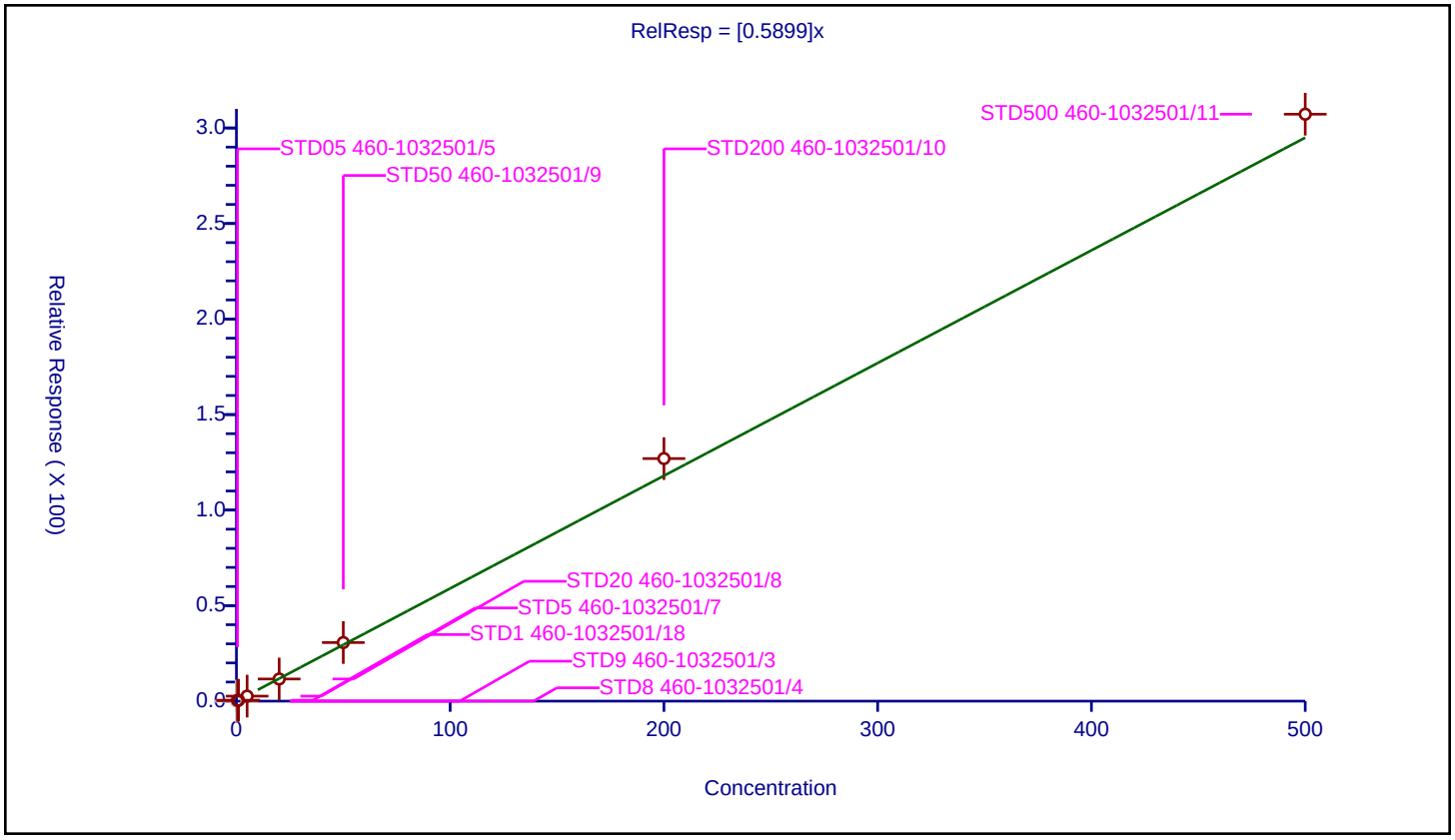
Curve Coefficients

Intercept:	0
Slope:	0.5899

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.338661	50.0	519546.0	0.677322	Y
4	STD1 460-1032501/18	1.0	0.485246	50.0	484909.0	0.485246	Y
5	STD5 460-1032501/7	5.0	2.622924	50.0	512348.0	0.524585	Y
6	STD20 460-1032501/8	20.0	11.590971	50.0	531405.0	0.579549	Y
7	STD50 460-1032501/9	50.0	30.663878	50.0	531363.0	0.613278	Y
8	STD200 460-1032501/10	200.0	126.963945	50.0	540863.0	0.63482	Y
9	STD500 460-1032501/11	500.0	307.223998	50.0	550187.0	0.614448	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

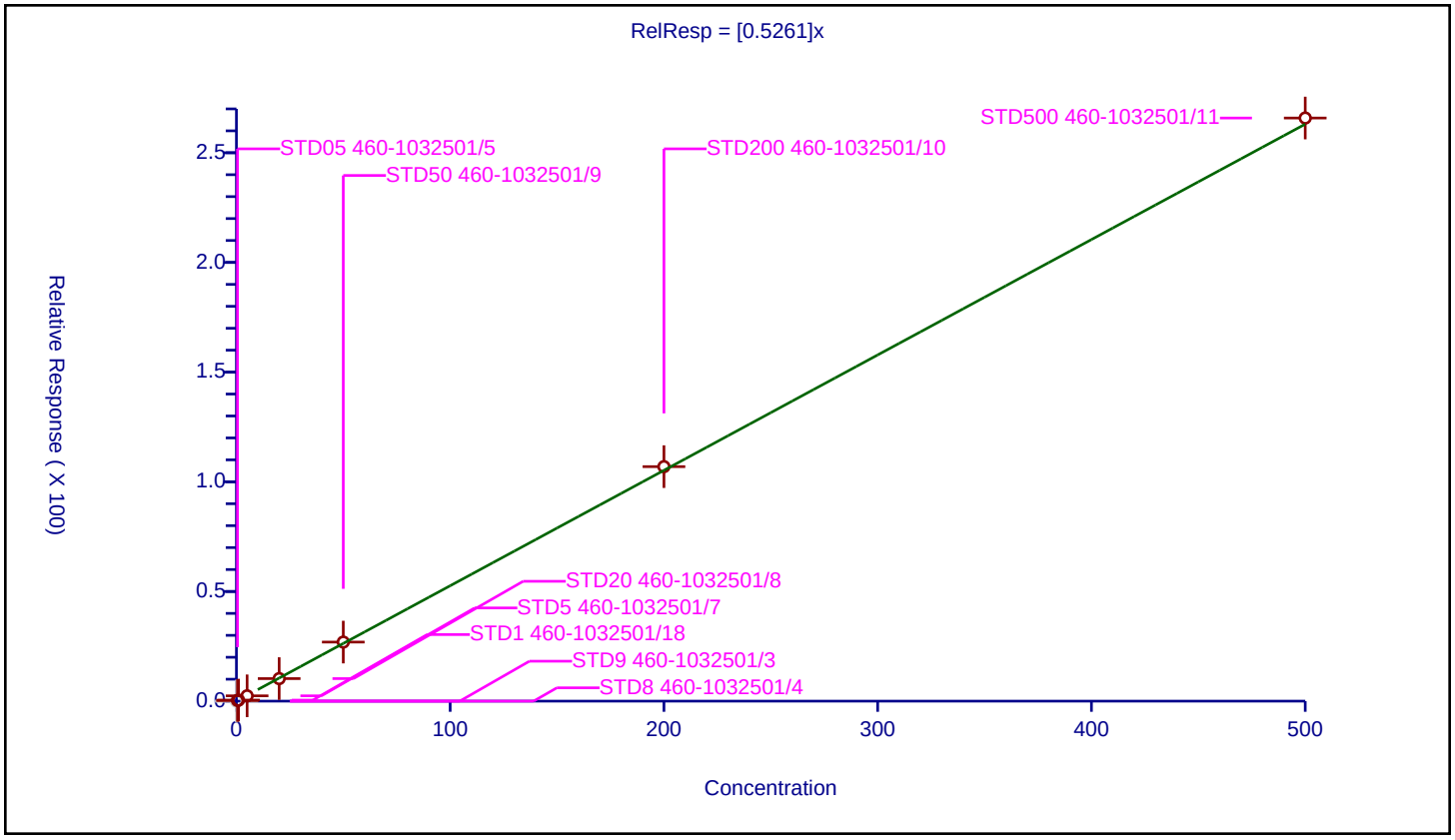
Curve Coefficients

Intercept:	0
Slope:	0.5261

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.307191	50.0	519546.0	0.614383	Y
4	STD1 460-1032501/18	1.0	0.464211	50.0	484909.0	0.464211	Y
5	STD5 460-1032501/7	5.0	2.426769	50.0	512348.0	0.485354	Y
6	STD20 460-1032501/8	20.0	10.278131	50.0	531405.0	0.513907	Y
7	STD50 460-1032501/9	50.0	26.927731	50.0	531363.0	0.538555	Y
8	STD200 460-1032501/10	200.0	106.906647	50.0	540863.0	0.534533	Y
9	STD500 460-1032501/11	500.0	265.831435	50.0	550187.0	0.531663	Y



Calibration / Isobutyl alcohol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

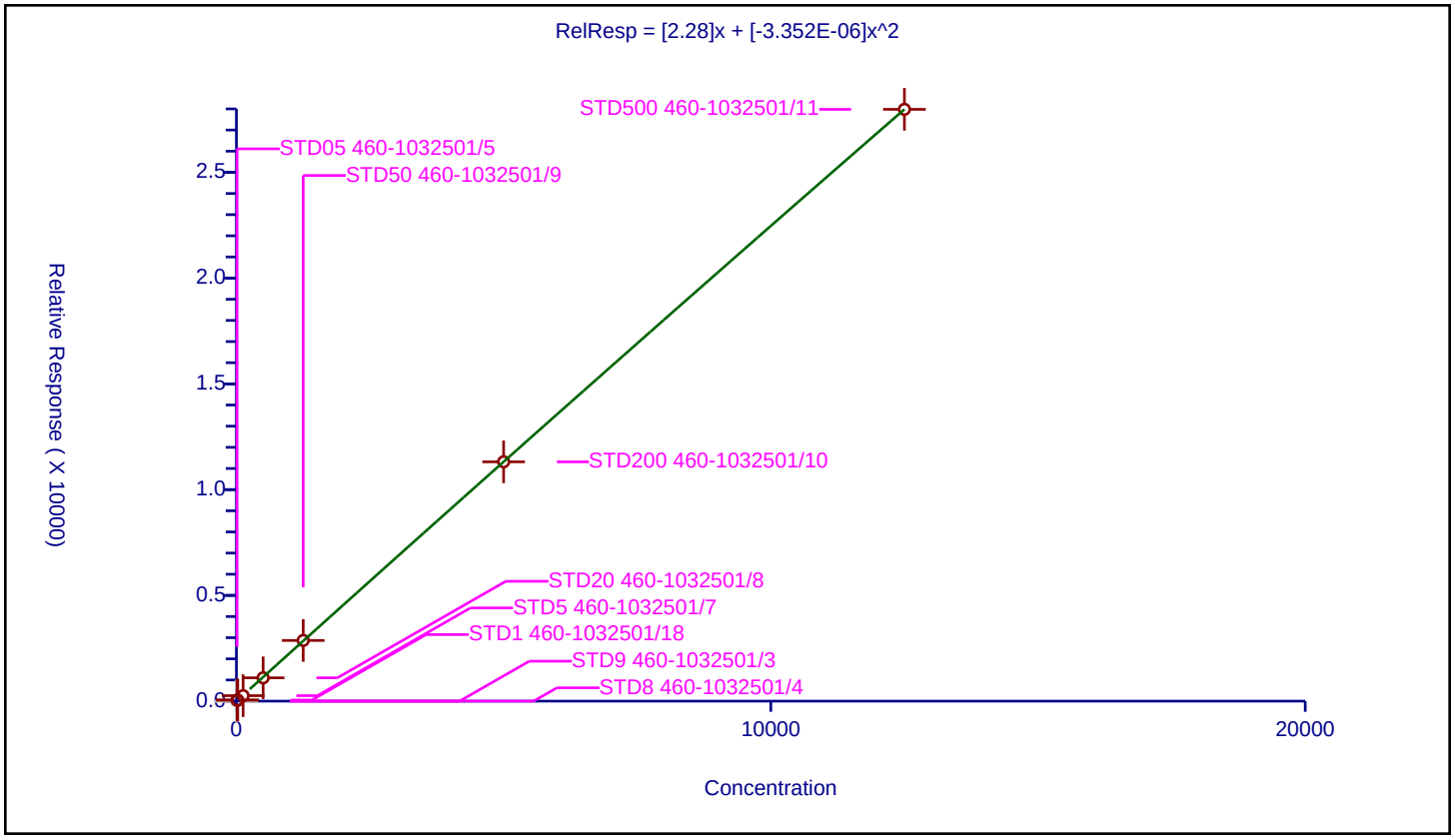
Curve Coefficients

Intercept:	0
Slope:	2.28
Second Order:	-3.352E-06

Error Coefficients

Relative Standard Deviation:	30.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	1000.0	46741.0	NaN	N
2	STD9 460-1032501/3	5.0	0.0	1000.0	42347.0	0.0	N
3	STD05 460-1032501/5	12.5	47.468138	1000.0	43861.0	3.797451	Y
4	STD1 460-1032501/18	25.0	53.942863	1000.0	39134.0	2.157715	Y
5	STD5 460-1032501/7	125.0	258.711542	1000.0	47064.0	2.069692	Y
6	STD20 460-1032501/8	500.0	1102.010137	1000.0	46564.0	2.20402	Y
7	STD50 460-1032501/9	1250.0	2869.02868	1000.0	46514.0	2.295223	Y
8	STD200 460-1032501/10	5000.0	11315.051586	1000.0	51855.0	2.26301	Y
9	STD500 460-1032501/11	12500.0	27978.580762	1000.0	52803.0	2.238286	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

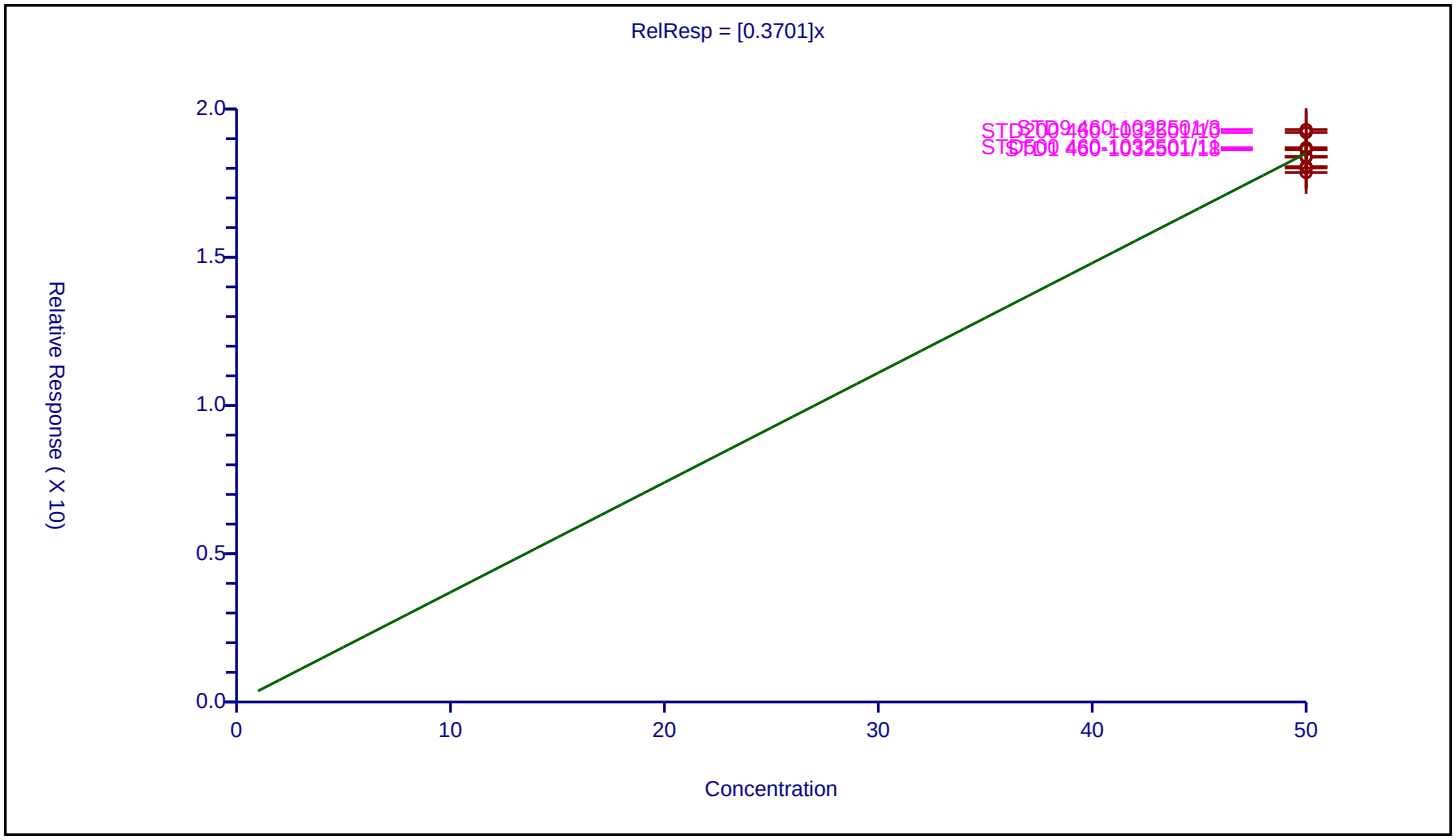
Curve Coefficients

Intercept:	0
Slope:	0.3701

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	50.0	19.307301	50.0	505169.0	0.386146	Y
2	STD8 460-1032501/4	50.0	17.857435	50.0	549239.0	0.357149	Y
3	STD05 460-1032501/5	50.0	18.400007	50.0	519546.0	0.368	Y
4	STD5 460-1032501/7	50.0	18.37706	50.0	512348.0	0.367541	Y
5	STD20 460-1032501/8	50.0	18.011404	50.0	531405.0	0.360228	Y
6	STD50 460-1032501/9	50.0	18.058088	50.0	531363.0	0.361162	Y
7	STD200 460-1032501/10	50.0	19.207174	50.0	540863.0	0.384143	Y
8	STD500 460-1032501/11	50.0	18.695553	50.0	550187.0	0.373911	Y
9	STD1 460-1032501/18	50.0	18.626794	50.0	484909.0	0.372536	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

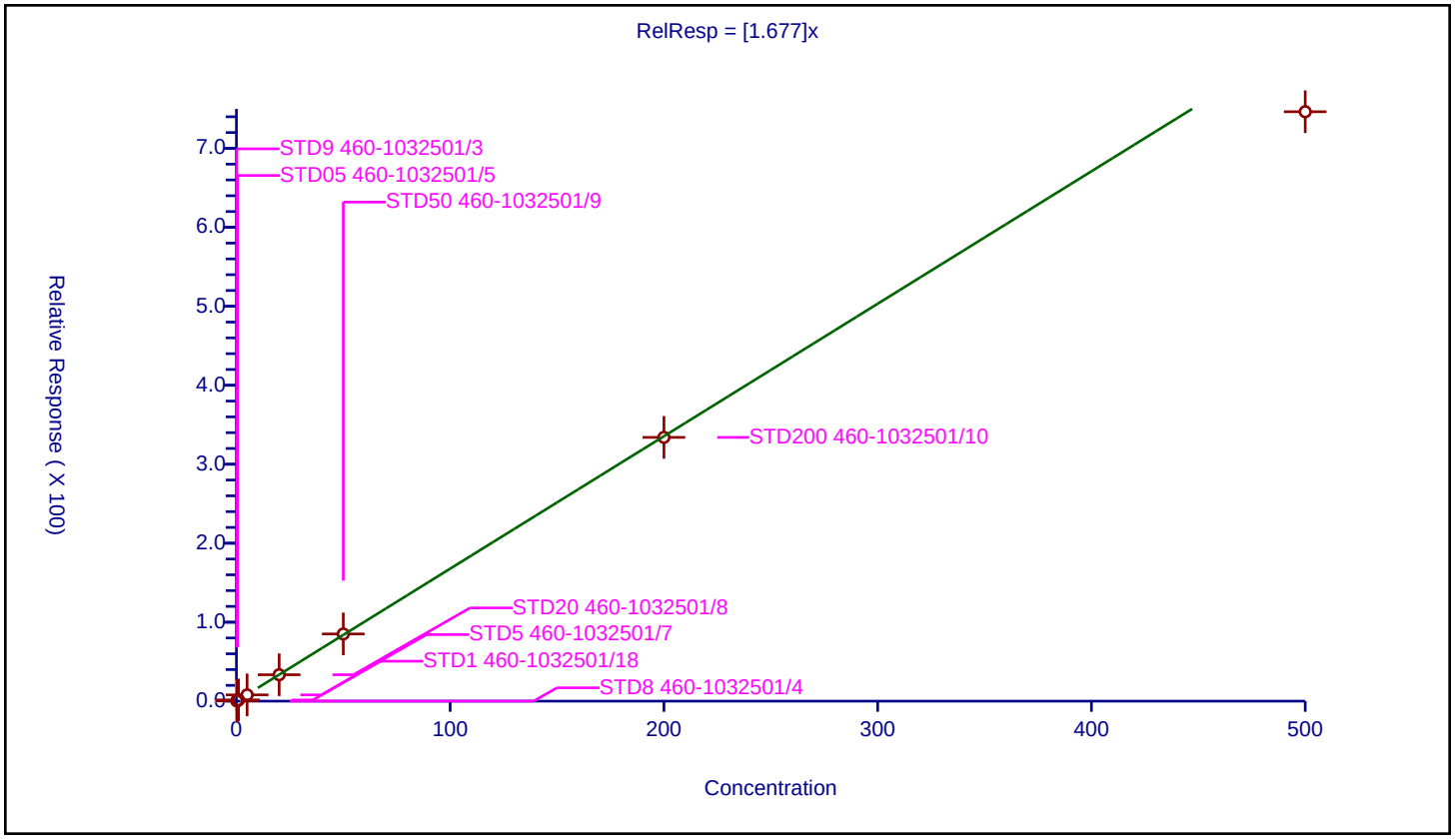
Curve Coefficients

Intercept:	0
Slope:	1.677

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.344863	50.0	417122.0	1.724316	Y
3	STD05 460-1032501/5	0.5	1.069197	50.0	418024.0	2.138394	Y
4	STD1 460-1032501/18	1.0	1.430939	50.0	395824.0	1.430939	Y
5	STD5 460-1032501/7	5.0	7.948528	50.0	415058.0	1.589706	Y
6	STD20 460-1032501/8	20.0	33.442755	50.0	427094.0	1.672138	Y
7	STD50 460-1032501/9	50.0	85.073314	50.0	426729.0	1.701466	Y
8	STD200 460-1032501/10	200.0	334.014612	50.0	447859.0	1.670073	Y
9	STD500 460-1032501/11	500.0	746.387532	50.0	466620.0	1.492775	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

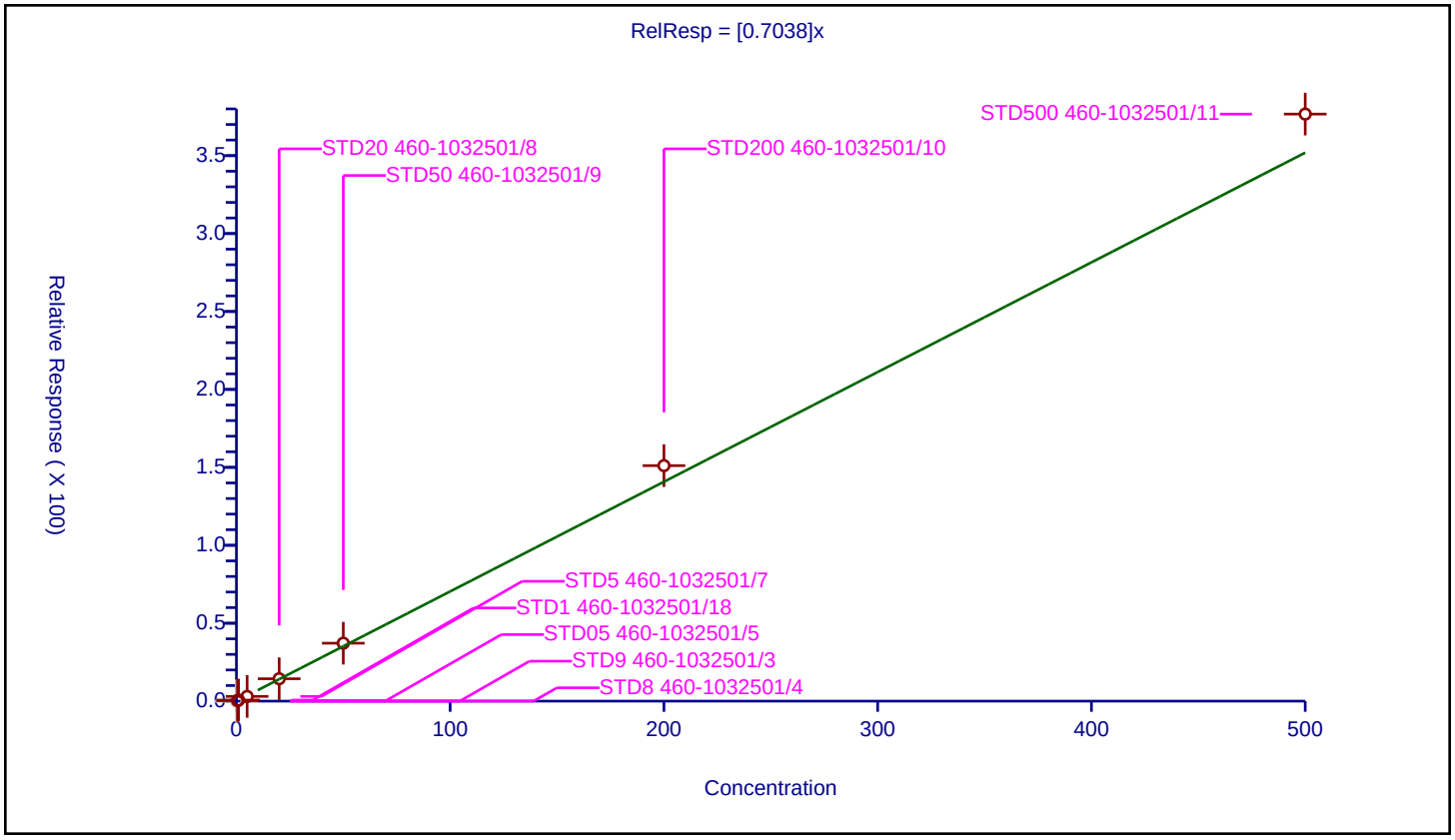
Curve Coefficients

Intercept:	0
Slope:	0.7038

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.340682	50.0	519546.0	0.681364	Y
4	STD1 460-1032501/18	1.0	0.666929	50.0	484909.0	0.666929	Y
5	STD5 460-1032501/7	5.0	3.038267	50.0	512348.0	0.607653	Y
6	STD20 460-1032501/8	20.0	14.363997	50.0	531405.0	0.7182	Y
7	STD50 460-1032501/9	50.0	37.180515	50.0	531363.0	0.74361	Y
8	STD200 460-1032501/10	200.0	151.101111	50.0	540863.0	0.755506	Y
9	STD500 460-1032501/11	500.0	376.666024	50.0	550187.0	0.753332	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

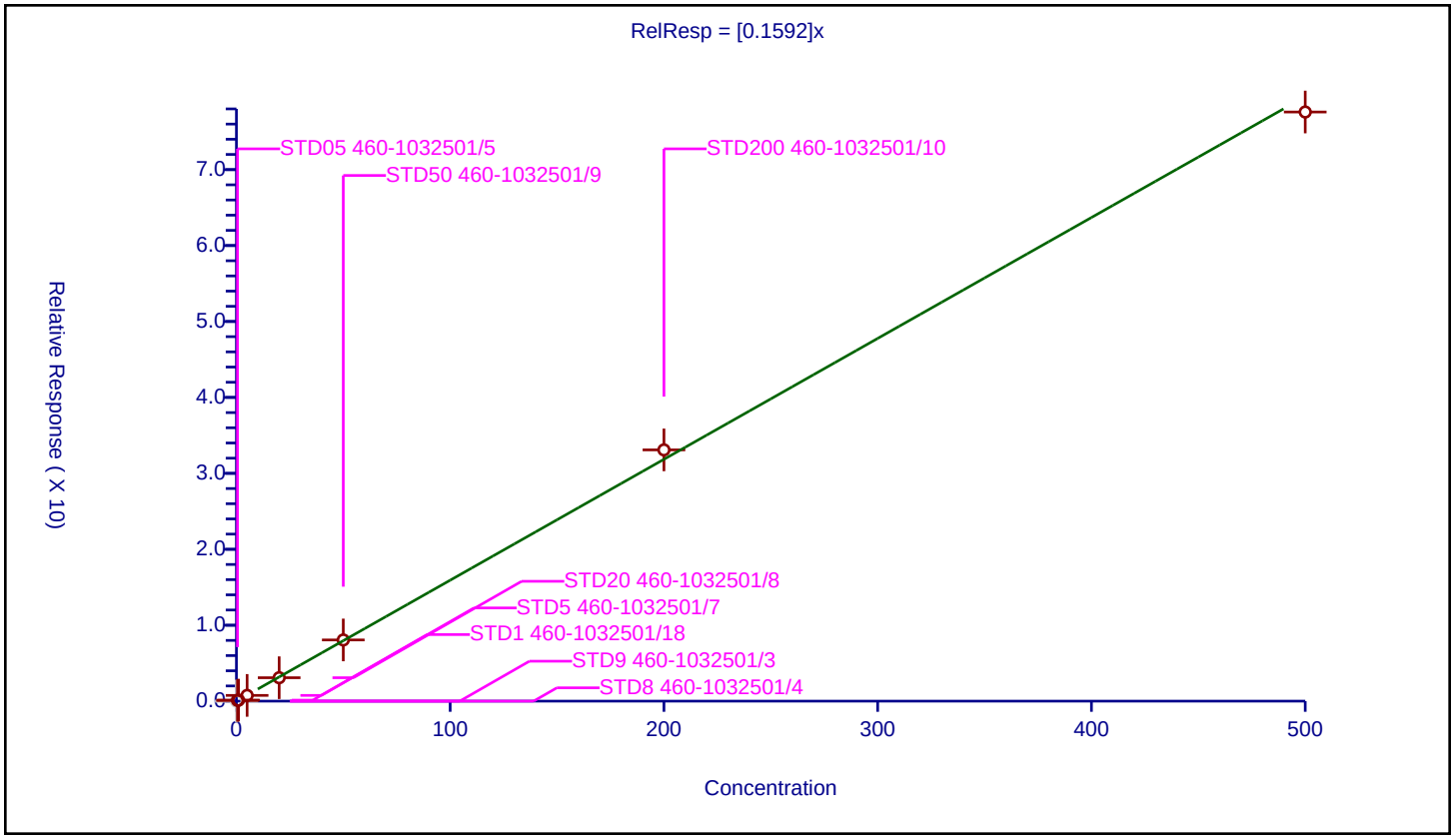
Curve Coefficients

Intercept:	0
Slope:	0.1592

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.098644	50.0	519546.0	0.197288	Y
4	STD1 460-1032501/18	1.0	0.130334	50.0	484909.0	0.130334	Y
5	STD5 460-1032501/7	5.0	0.755151	50.0	512348.0	0.15103	Y
6	STD20 460-1032501/8	20.0	3.084088	50.0	531405.0	0.154204	Y
7	STD50 460-1032501/9	50.0	8.057863	50.0	531363.0	0.161157	Y
8	STD200 460-1032501/10	200.0	33.091652	50.0	540863.0	0.165458	Y
9	STD500 460-1032501/11	500.0	77.589438	50.0	550187.0	0.155179	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

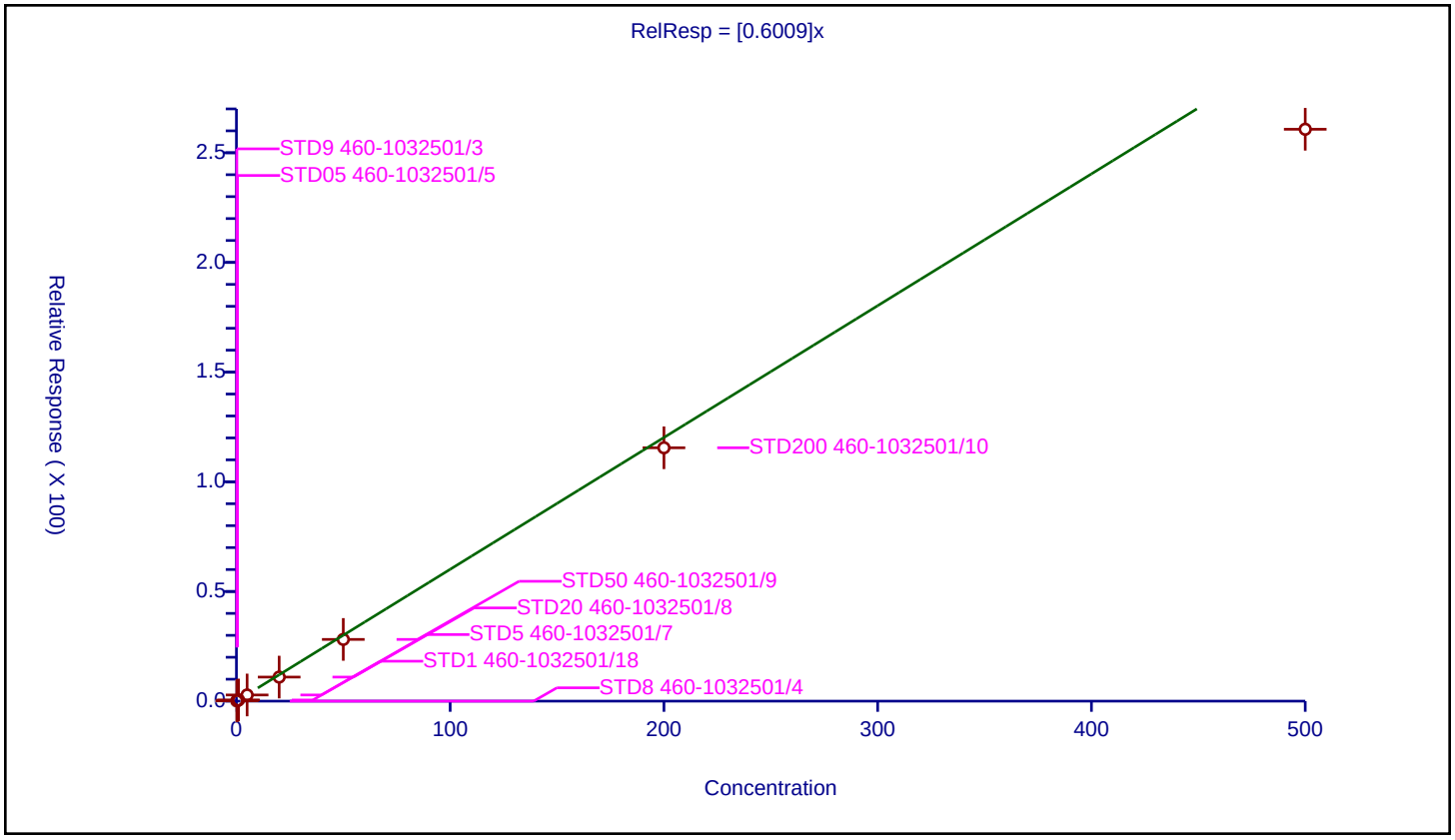
Curve Coefficients

Intercept:	0
Slope:	0.6009

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.159254	50.0	505169.0	0.796268	Y
3	STD05 460-1032501/5	0.5	0.360315	50.0	519546.0	0.720629	Y
4	STD1 460-1032501/18	1.0	0.51917	50.0	484909.0	0.51917	Y
5	STD5 460-1032501/7	5.0	2.804832	50.0	512348.0	0.560966	Y
6	STD20 460-1032501/8	20.0	10.973457	50.0	531405.0	0.548673	Y
7	STD50 460-1032501/9	50.0	28.137921	50.0	531363.0	0.562758	Y
8	STD200 460-1032501/10	200.0	115.508548	50.0	540863.0	0.577543	Y
9	STD500 460-1032501/11	500.0	260.713721	50.0	550187.0	0.521427	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

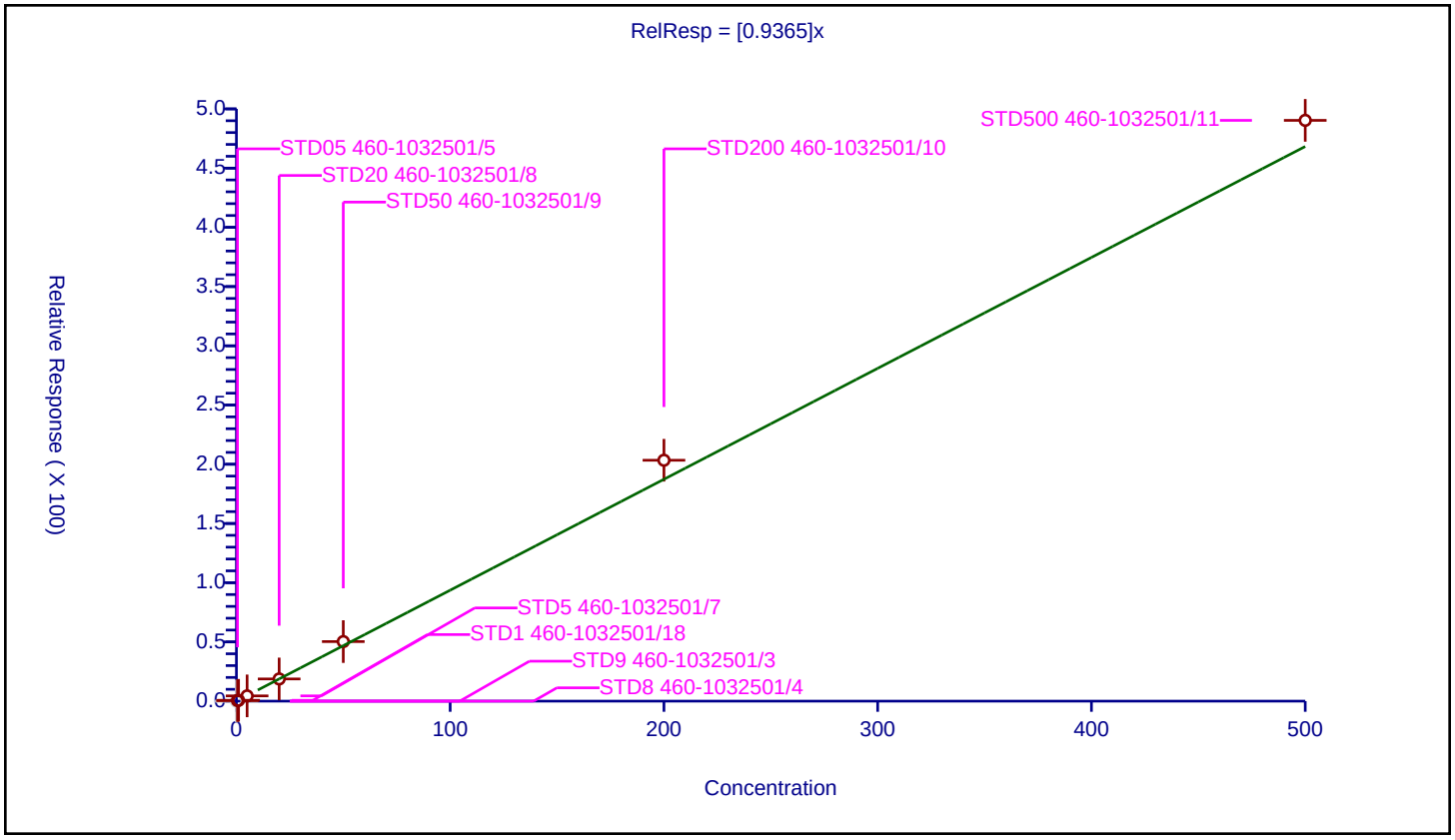
Curve Coefficients

Intercept:	0
Slope:	0.9365

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.511793	50.0	519546.0	1.023586	Y
4	STD1 460-1032501/18	1.0	0.704978	50.0	484909.0	0.704978	Y
5	STD5 460-1032501/7	5.0	4.435364	50.0	512348.0	0.887073	Y
6	STD20 460-1032501/8	20.0	18.738815	50.0	531405.0	0.936941	Y
7	STD50 460-1032501/9	50.0	50.281164	50.0	531363.0	1.005623	Y
8	STD200 460-1032501/10	200.0	203.361757	50.0	540863.0	1.016809	Y
9	STD500 460-1032501/11	500.0	490.300843	50.0	550187.0	0.980602	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

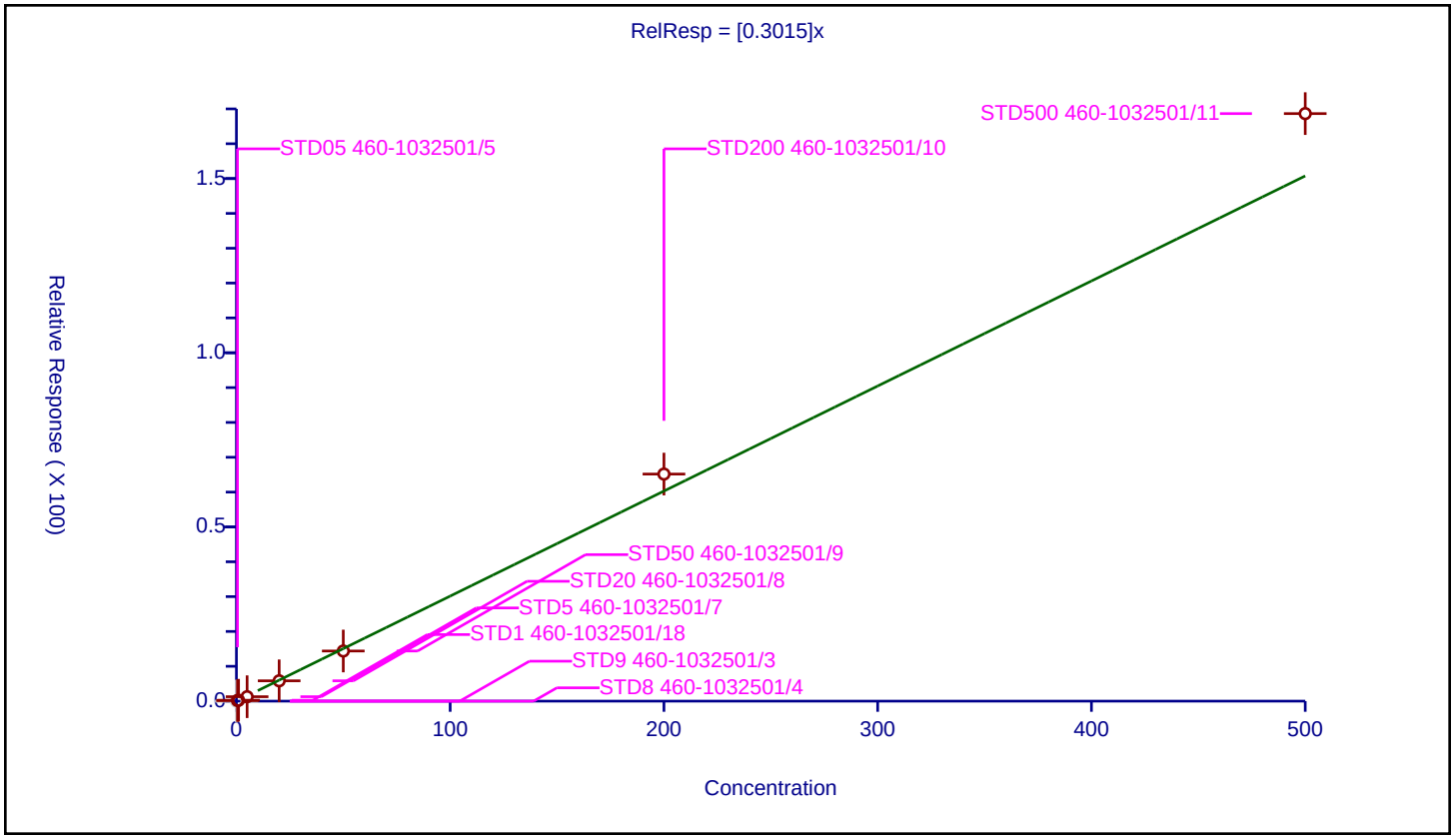
Curve Coefficients

Intercept:	0
Slope:	0.3015

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.178136	50.0	519546.0	0.356273	Y
4	STD1 460-1032501/18	1.0	0.257162	50.0	484909.0	0.257162	Y
5	STD5 460-1032501/7	5.0	1.270914	50.0	512348.0	0.254183	Y
6	STD20 460-1032501/8	20.0	5.837262	50.0	531405.0	0.291863	Y
7	STD50 460-1032501/9	50.0	14.39515	50.0	531363.0	0.287903	Y
8	STD200 460-1032501/10	200.0	65.180739	50.0	540863.0	0.325904	Y
9	STD500 460-1032501/11	500.0	168.650114	50.0	550187.0	0.3373	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

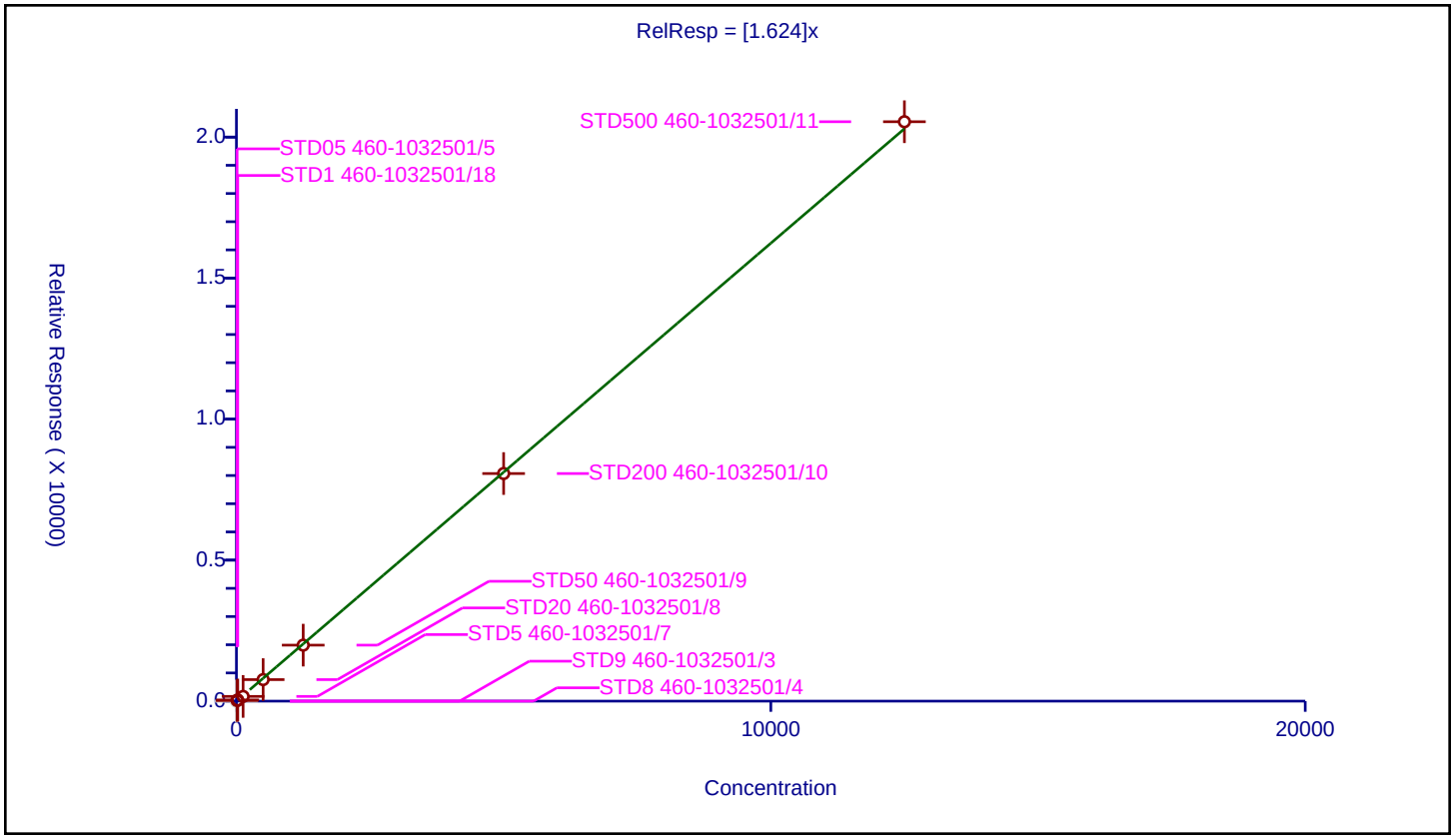
Curve Coefficients

Intercept:	0
Slope:	1.624

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	1000.0	46741.0	NaN	N
2	STD9 460-1032501/3	5.0	0.0	1000.0	42347.0	0.0	N
3	STD05 460-1032501/5	12.5	24.896833	1000.0	43861.0	1.991747	Y
4	STD1 460-1032501/18	25.0	41.421782	1000.0	39134.0	1.656871	Y
5	STD5 460-1032501/7	125.0	168.026517	1000.0	47064.0	1.344212	Y
6	STD20 460-1032501/8	500.0	763.551241	1000.0	46564.0	1.527102	Y
7	STD50 460-1032501/9	1250.0	1985.617234	1000.0	46514.0	1.588494	Y
8	STD200 460-1032501/10	5000.0	8070.639283	1000.0	51855.0	1.614128	Y
9	STD500 460-1032501/11	12500.0	20545.215234	1000.0	52803.0	1.643617	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

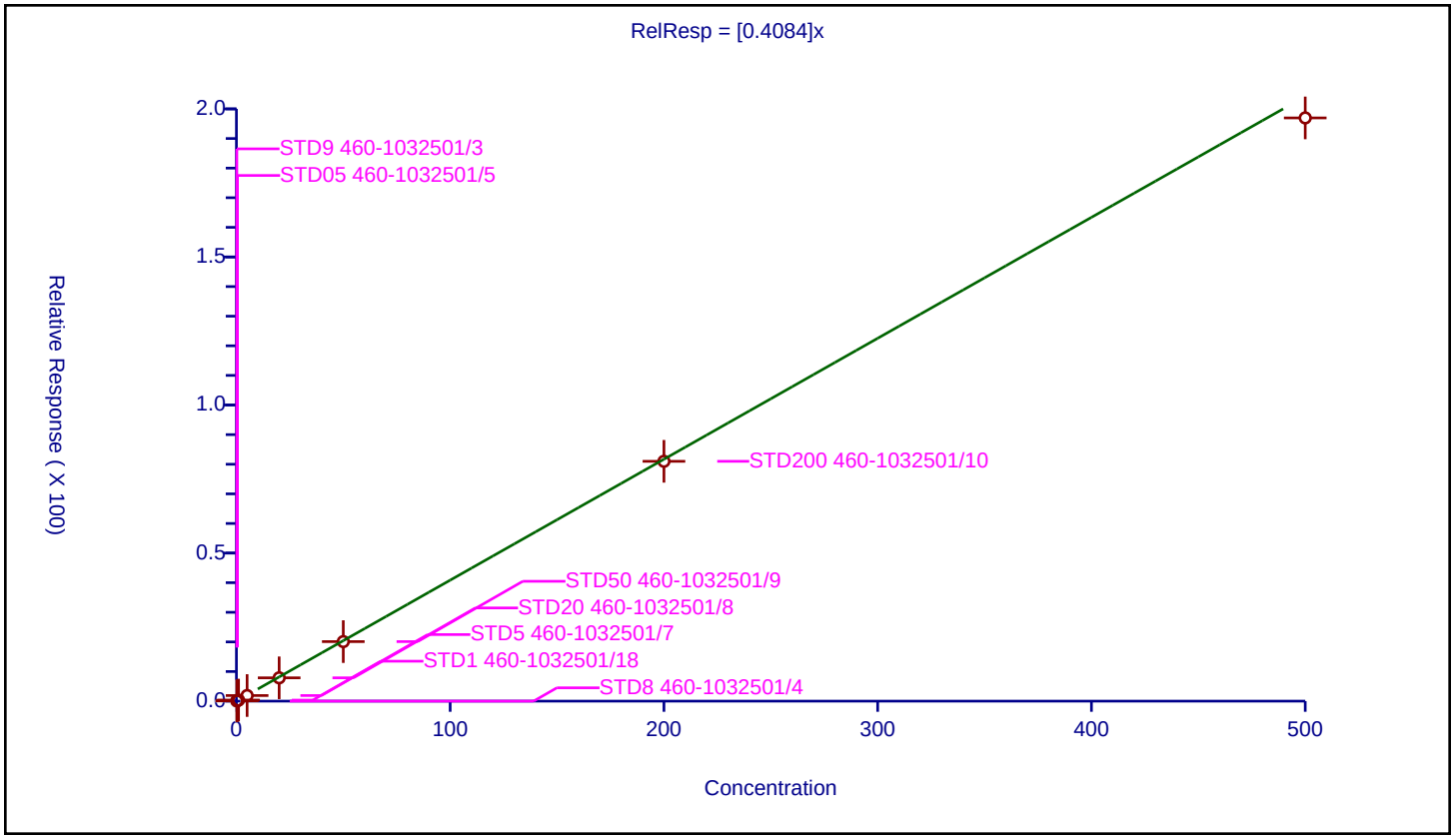
Curve Coefficients

Intercept:	0
Slope:	0.4084

Error Coefficients

Relative Standard Deviation:	11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.08997	50.0	505169.0	0.449849	Y
3	STD05 460-1032501/5	0.5	0.250603	50.0	519546.0	0.501207	Y
4	STD1 460-1032501/18	1.0	0.342538	50.0	484909.0	0.342538	Y
5	STD5 460-1032501/7	5.0	1.896855	50.0	512348.0	0.379371	Y
6	STD20 460-1032501/8	20.0	7.872338	50.0	531405.0	0.393617	Y
7	STD50 460-1032501/9	50.0	20.102359	50.0	531363.0	0.402047	Y
8	STD200 460-1032501/10	200.0	80.992322	50.0	540863.0	0.404962	Y
9	STD500 460-1032501/11	500.0	196.952491	50.0	550187.0	0.393905	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

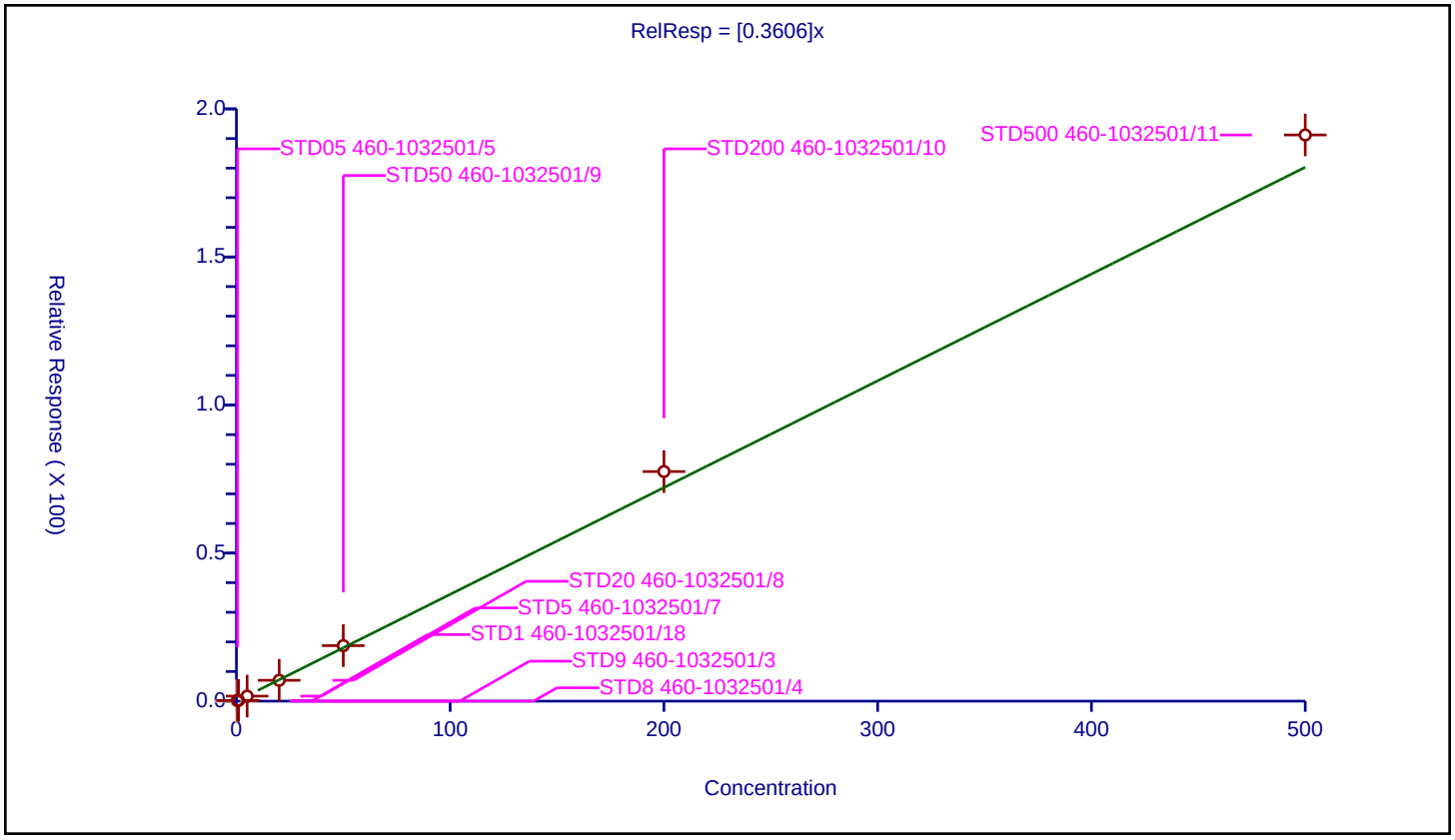
Curve Coefficients

Intercept:	0
Slope:	0.3606

Error Coefficients

Relative Standard Deviation:	18.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.22587	50.0	519546.0	0.451741	Y
4	STD1 460-1032501/18	1.0	0.237261	50.0	484909.0	0.237261	Y
5	STD5 460-1032501/7	5.0	1.691428	50.0	512348.0	0.338286	Y
6	STD20 460-1032501/8	20.0	7.038982	50.0	531405.0	0.351949	Y
7	STD50 460-1032501/9	50.0	18.742272	50.0	531363.0	0.374845	Y
8	STD200 460-1032501/10	200.0	77.536086	50.0	540863.0	0.38768	Y
9	STD500 460-1032501/11	500.0	191.191086	50.0	550187.0	0.382382	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

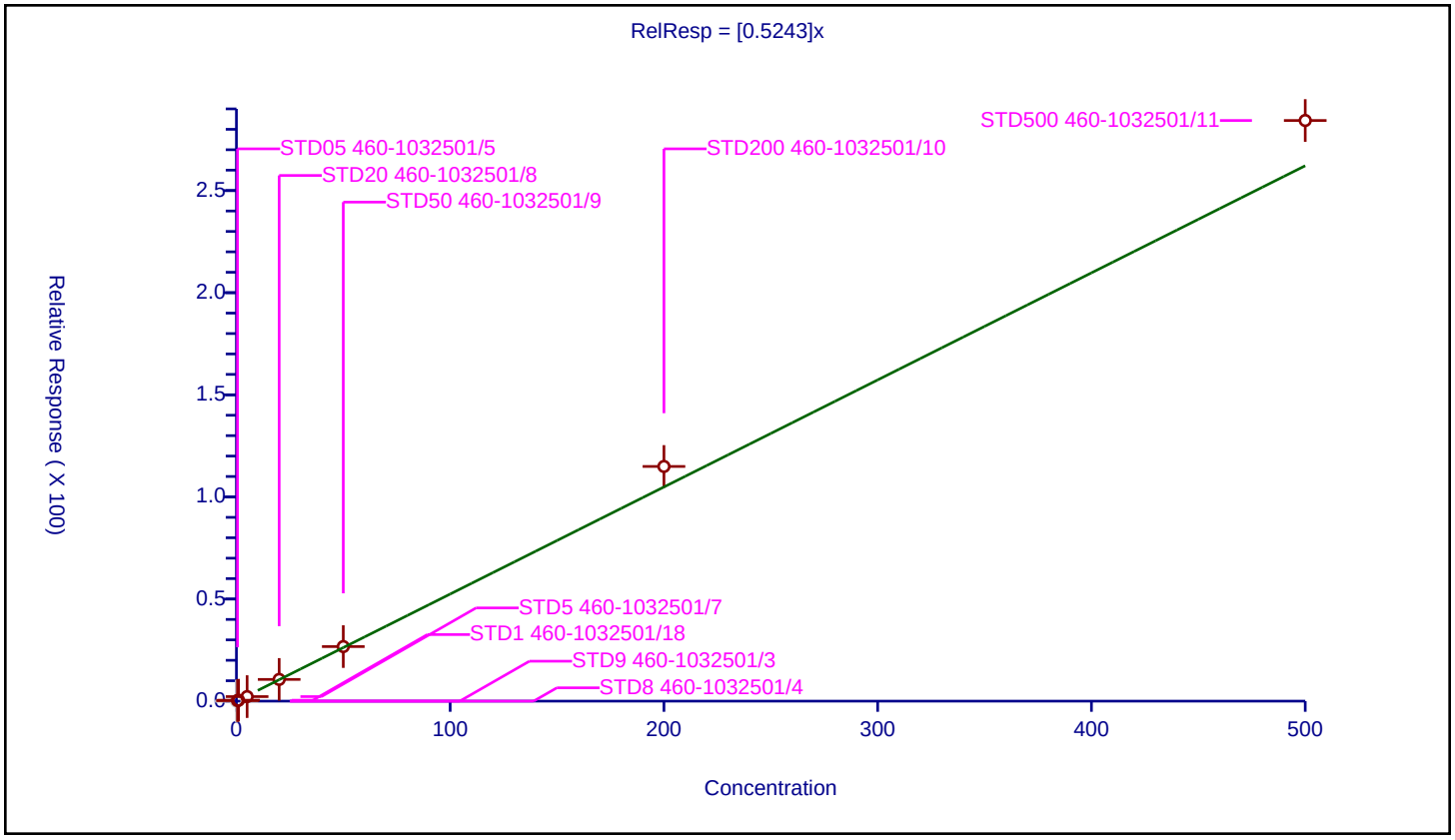
Curve Coefficients

Intercept:	0
Slope:	0.5243

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.284479	50.0	519546.0	0.568958	Y
4	STD1 460-1032501/18	1.0	0.447094	50.0	484909.0	0.447094	Y
5	STD5 460-1032501/7	5.0	2.223684	50.0	512348.0	0.444737	Y
6	STD20 460-1032501/8	20.0	10.637461	50.0	531405.0	0.531873	Y
7	STD50 460-1032501/9	50.0	26.712812	50.0	531363.0	0.534256	Y
8	STD200 460-1032501/10	200.0	114.912279	50.0	540863.0	0.574561	Y
9	STD500 460-1032501/11	500.0	284.316605	50.0	550187.0	0.568633	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

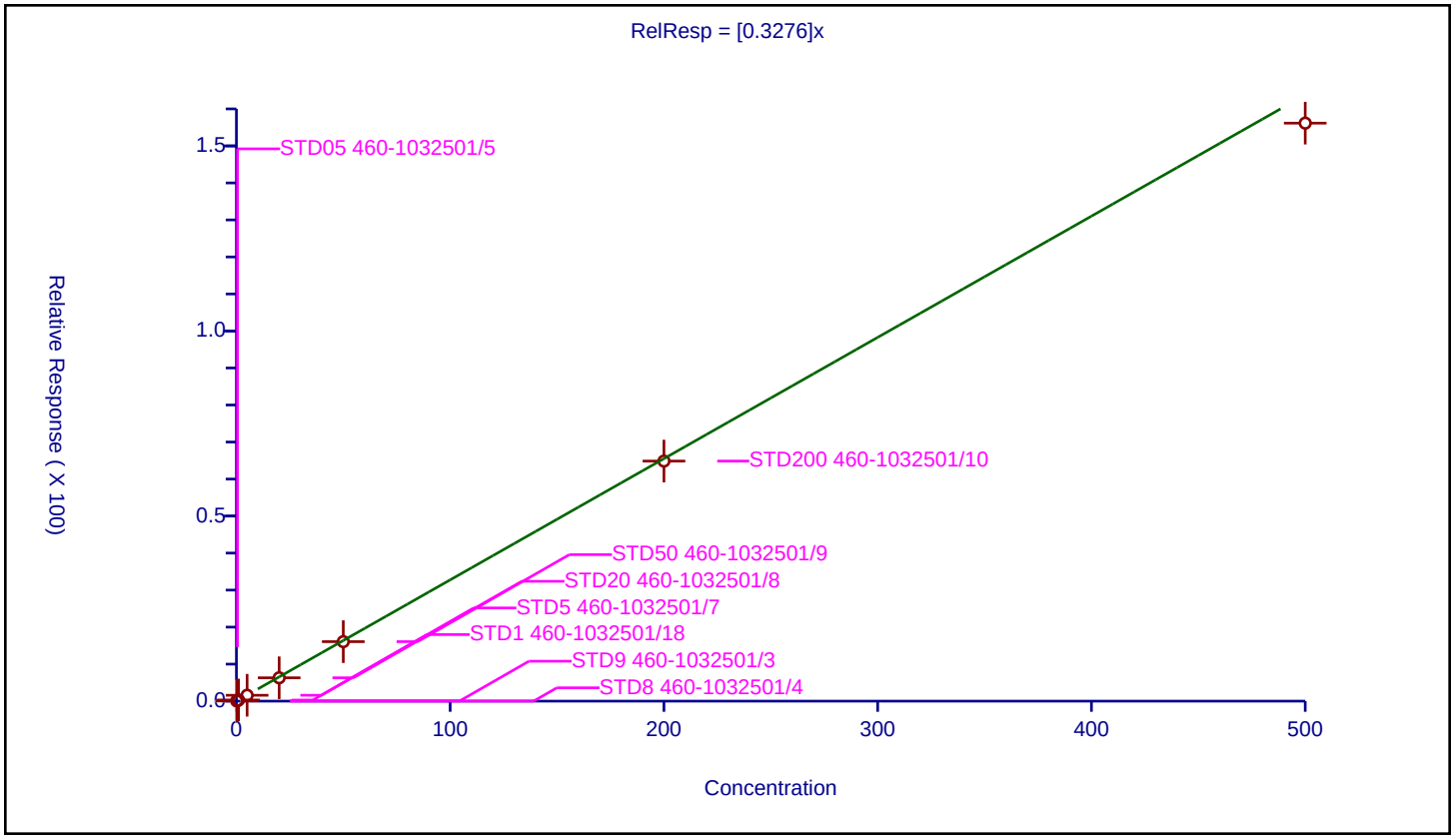
Curve Coefficients

Intercept:	0
Slope:	0.3276

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.064434	50.0	505169.0	0.322169	Y
3	STD05 460-1032501/5	0.5	0.207008	50.0	519546.0	0.414015	Y
4	STD1 460-1032501/18	1.0	0.293663	50.0	484909.0	0.293663	Y
5	STD5 460-1032501/7	5.0	1.587495	50.0	512348.0	0.317499	Y
6	STD20 460-1032501/8	20.0	6.304608	50.0	531405.0	0.31523	Y
7	STD50 460-1032501/9	50.0	16.068112	50.0	531363.0	0.321362	Y
8	STD200 460-1032501/10	200.0	64.852837	50.0	540863.0	0.324264	Y
9	STD500 460-1032501/11	500.0	156.153635	50.0	550187.0	0.312307	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

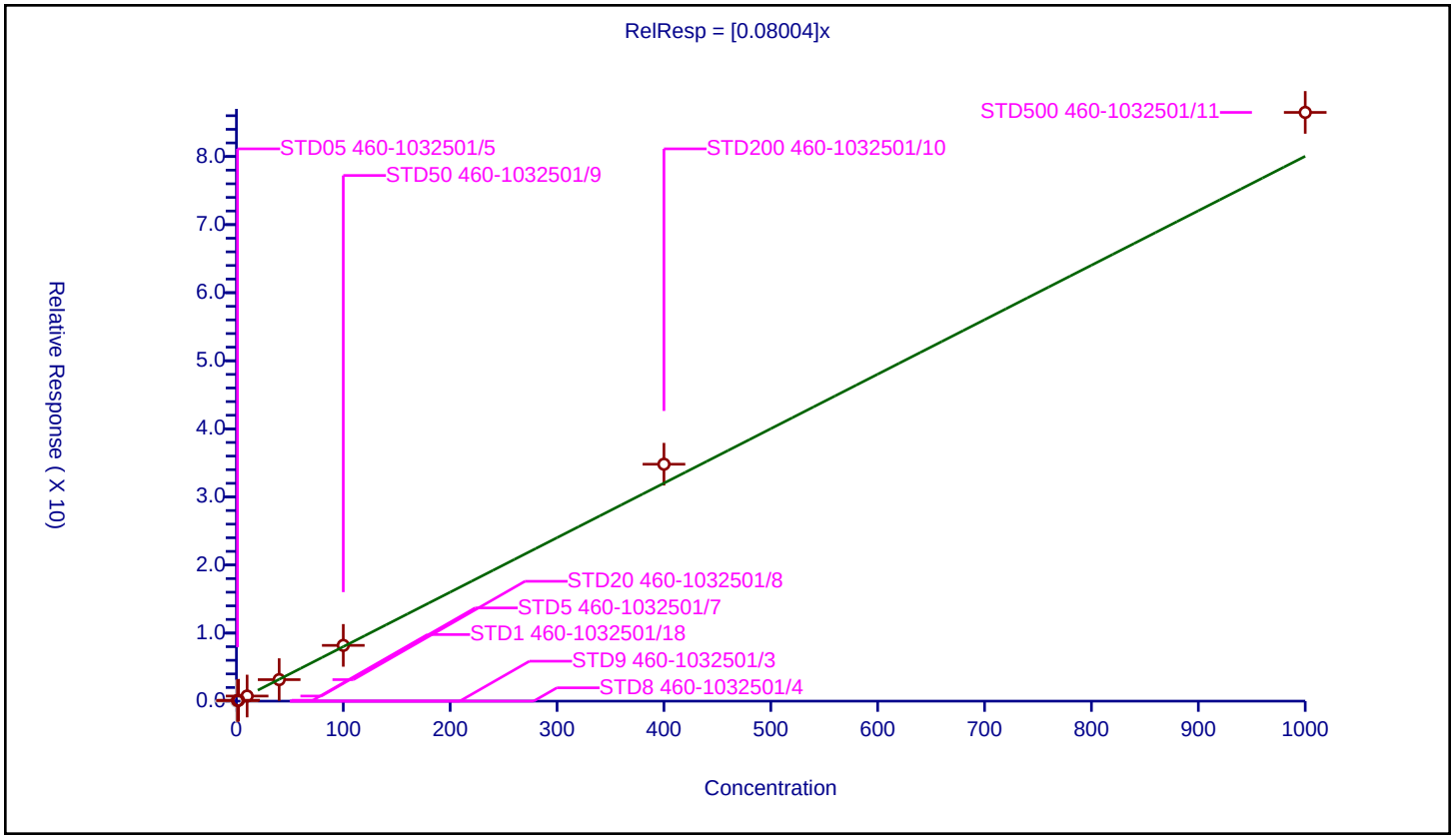
Curve Coefficients

Intercept:	0
Slope:	0.08004

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.4	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	1.0	0.086422	50.0	519546.0	0.086422	Y
4	STD1 460-1032501/18	2.0	0.129096	50.0	484909.0	0.064548	Y
5	STD5 460-1032501/7	10.0	0.749491	50.0	512348.0	0.074949	Y
6	STD20 460-1032501/8	40.0	3.159925	50.0	531405.0	0.078998	Y
7	STD50 460-1032501/9	100.0	8.189411	50.0	531363.0	0.081894	Y
8	STD200 460-1032501/10	400.0	34.801789	50.0	540863.0	0.087004	Y
9	STD500 460-1032501/11	1000.0	86.483323	50.0	550187.0	0.086483	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

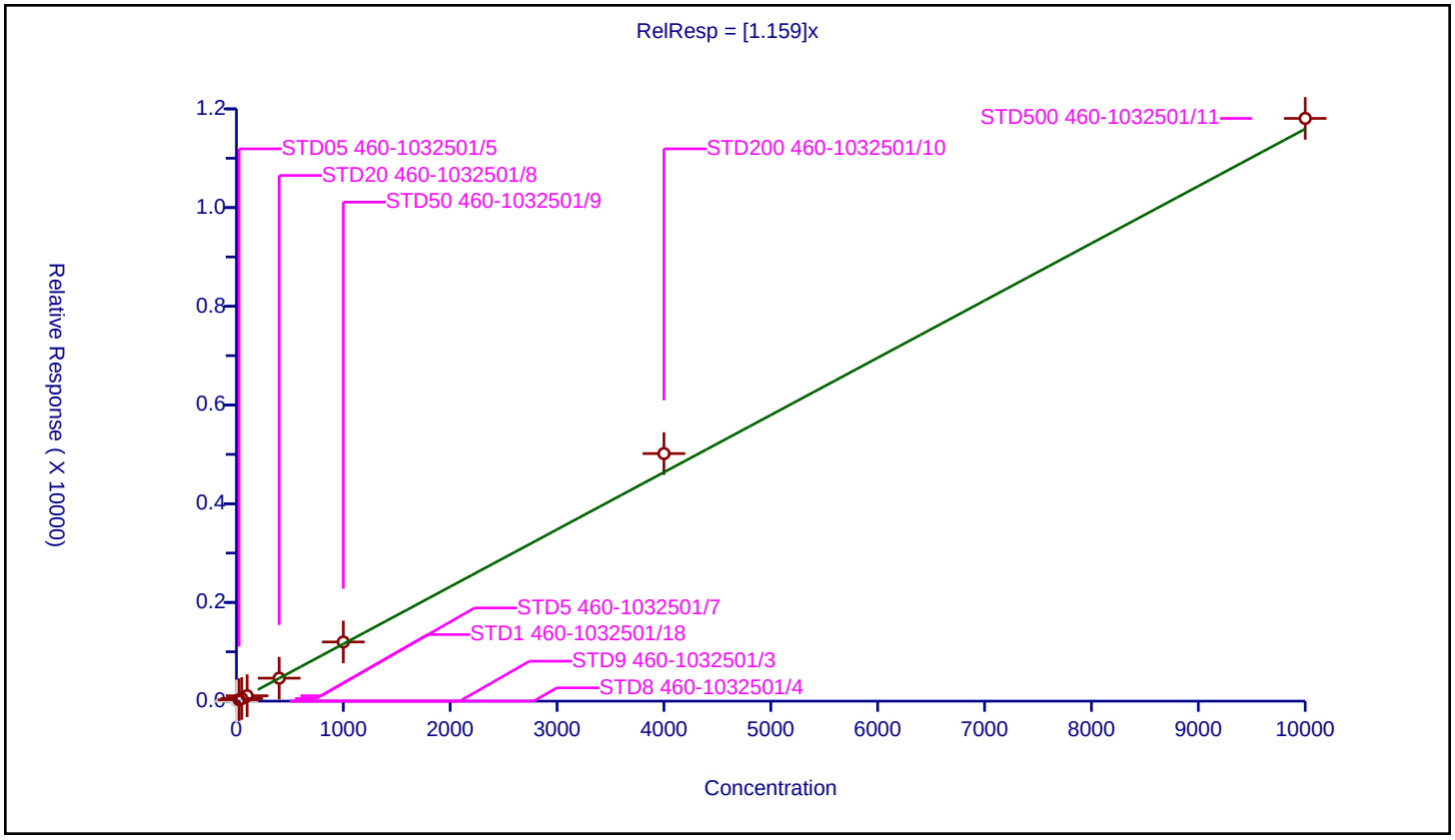
Curve Coefficients

Intercept:	0
Slope:	1.159

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	1000.0	31717.0	NaN	N
2	STD9 460-1032501/3	4.0	0.0	1000.0	30511.0	0.0	N
3	STD05 460-1032501/5	25.0	29.078787	1000.0	30297.0	1.163151	Y
4	STD1 460-1032501/18	50.0	53.068982	1000.0	26833.0	1.06138	Y
5	STD5 460-1032501/7	100.0	109.463517	1000.0	32303.0	1.094635	Y
6	STD20 460-1032501/8	400.0	465.455078	1000.0	34115.0	1.163638	Y
7	STD50 460-1032501/9	1000.0	1198.634299	1000.0	34561.0	1.198634	Y
8	STD200 460-1032501/10	4000.0	5016.184612	1000.0	35404.0	1.254046	Y
9	STD500 460-1032501/11	10000.0	11807.139881	1000.0	35995.0	1.180714	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

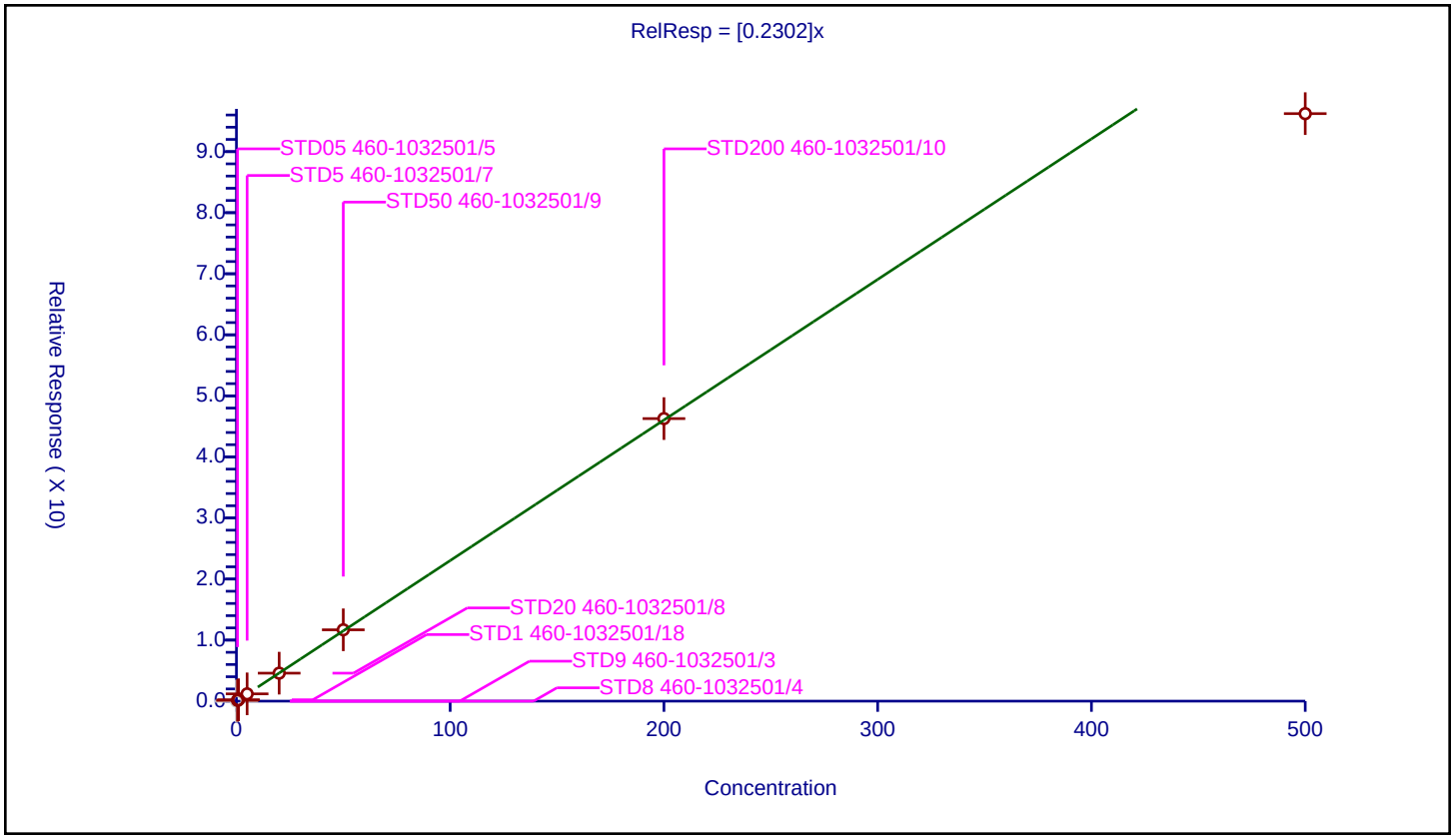
Curve Coefficients

Intercept:	0
Slope:	0.2302

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.13175	50.0	519546.0	0.263499	Y
4	STD1 460-1032501/18	1.0	0.222928	50.0	484909.0	0.222928	Y
5	STD5 460-1032501/7	5.0	1.191866	50.0	512348.0	0.238373	Y
6	STD20 460-1032501/8	20.0	4.58398	50.0	531405.0	0.229199	Y
7	STD50 460-1032501/9	50.0	11.684197	50.0	531363.0	0.233684	Y
8	STD200 460-1032501/10	200.0	46.274288	50.0	540863.0	0.231371	Y
9	STD500 460-1032501/11	500.0	96.224829	50.0	550187.0	0.19245	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

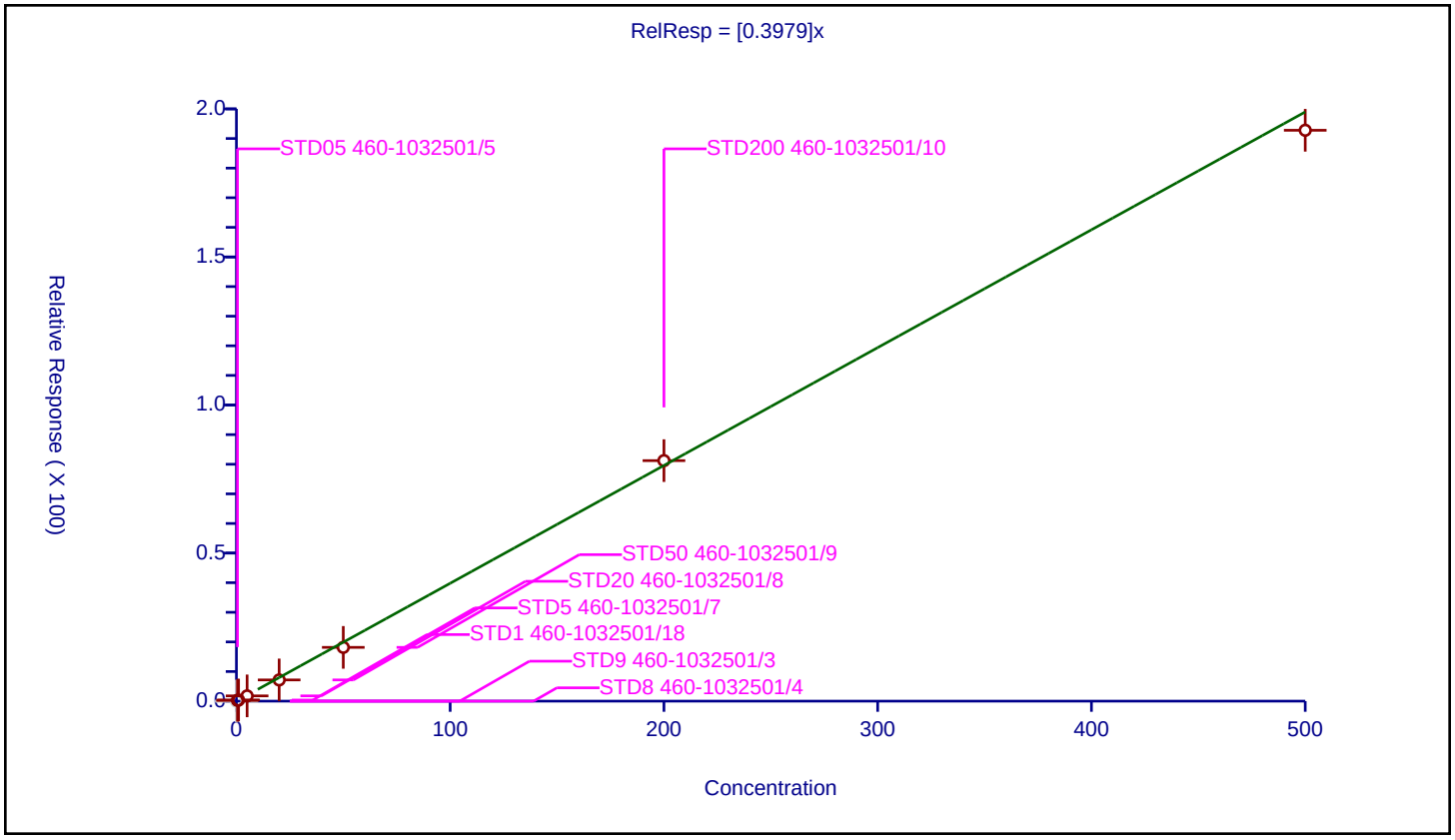
Curve Coefficients

Intercept:	0
Slope:	0.3979

Error Coefficients

Relative Standard Deviation:	17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	0.5	0.273701	50.0	519546.0	0.547401	Y
4	STD1 460-1032501/18	1.0	0.370585	50.0	484909.0	0.370585	Y
5	STD5 460-1032501/7	5.0	1.774185	50.0	512348.0	0.354837	Y
6	STD20 460-1032501/8	20.0	7.159605	50.0	531405.0	0.35798	Y
7	STD50 460-1032501/9	50.0	18.154538	50.0	531363.0	0.363091	Y
8	STD200 460-1032501/10	200.0	81.22482	50.0	540863.0	0.406124	Y
9	STD500 460-1032501/11	500.0	192.781545	50.0	550187.0	0.385563	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

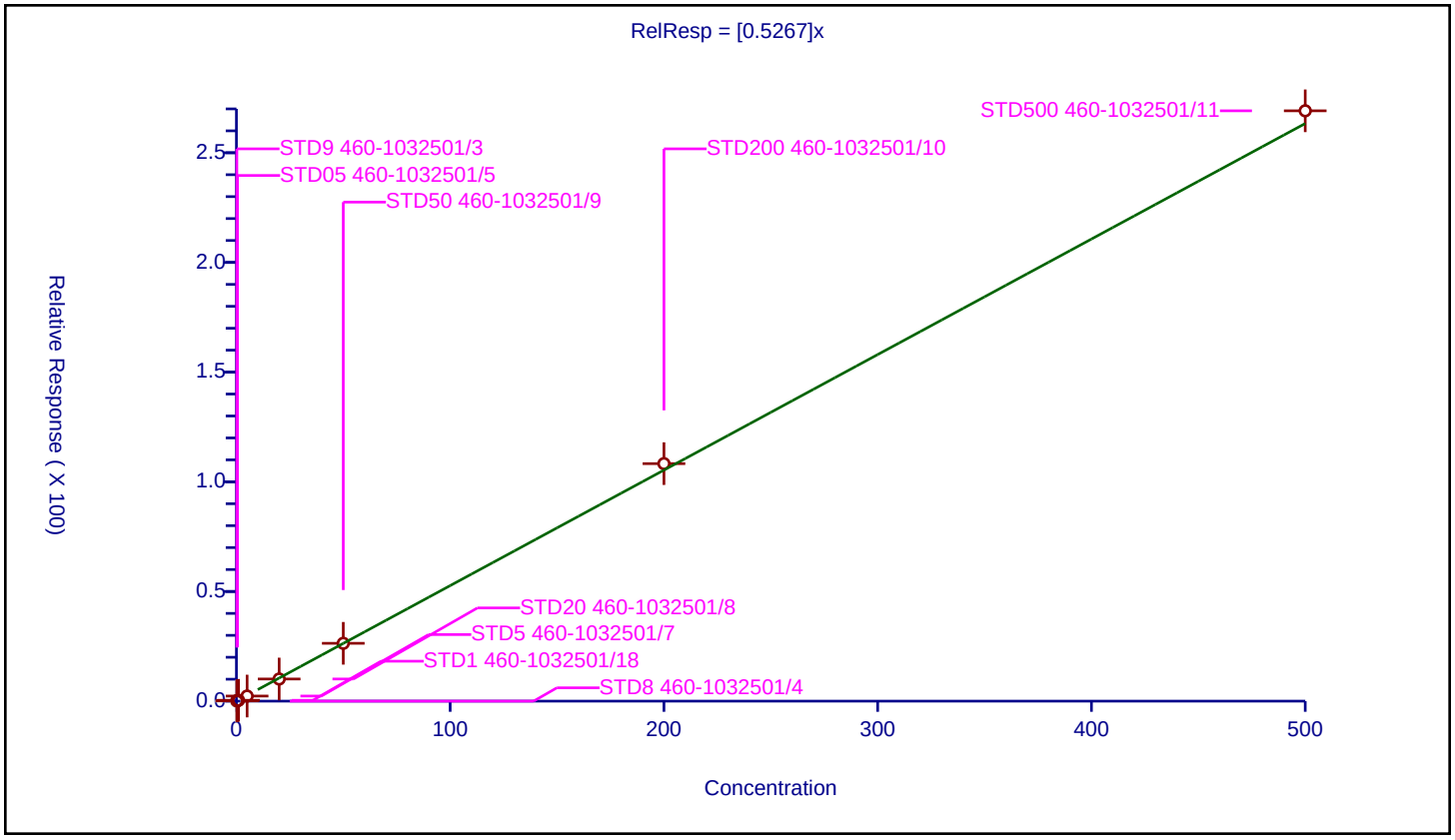
Curve Coefficients

Intercept:	0
Slope:	0.5267

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.2	0.139062	50.0	505169.0	0.695312	Y
3	STD05 460-1032501/5	0.5	0.278801	50.0	519546.0	0.557602	Y
4	STD1 460-1032501/18	1.0	0.383371	50.0	484909.0	0.383371	Y
5	STD5 460-1032501/7	5.0	2.325958	50.0	512348.0	0.465192	Y
6	STD20 460-1032501/8	20.0	10.092302	50.0	531405.0	0.504615	Y
7	STD50 460-1032501/9	50.0	26.372555	50.0	531363.0	0.527451	Y
8	STD200 460-1032501/10	200.0	108.283706	50.0	540863.0	0.541419	Y
9	STD500 460-1032501/11	500.0	269.124407	50.0	550187.0	0.538249	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

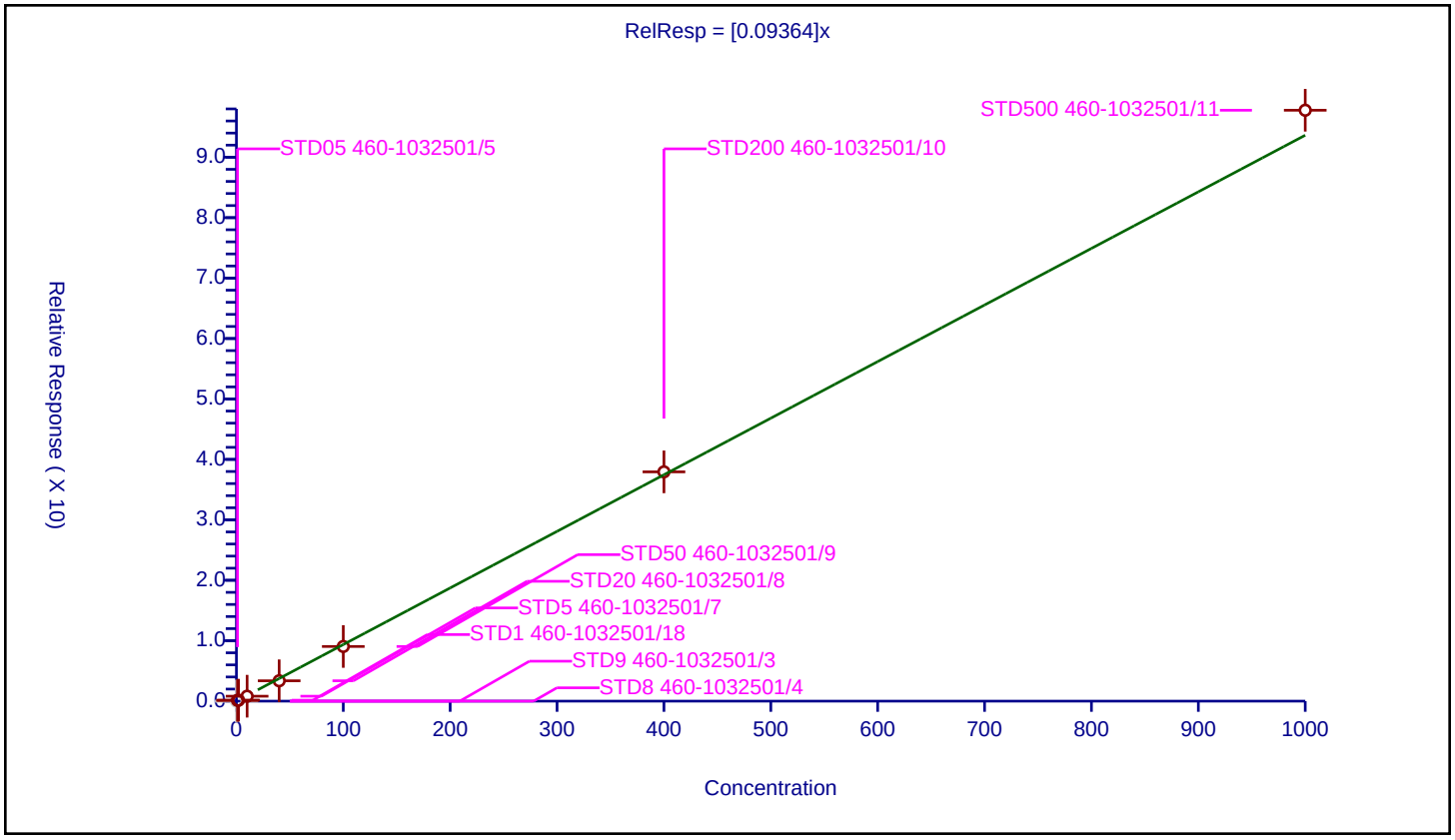
Curve Coefficients

Intercept:	0
Slope:	0.09364

Error Coefficients

Relative Standard Deviation:	18.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	0.4	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	1.0	0.128381	50.0	519546.0	0.128381	Y
4	STD1 460-1032501/18	2.0	0.156524	50.0	484909.0	0.078262	Y
5	STD5 460-1032501/7	10.0	0.815364	50.0	512348.0	0.081536	Y
6	STD20 460-1032501/8	40.0	3.368523	50.0	531405.0	0.084213	Y
7	STD50 460-1032501/9	100.0	9.047487	50.0	531363.0	0.090475	Y
8	STD200 460-1032501/10	400.0	37.939829	50.0	540863.0	0.09485	Y
9	STD500 460-1032501/11	1000.0	97.775574	50.0	550187.0	0.097776	Y



Calibration / Epichlorohydrin

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

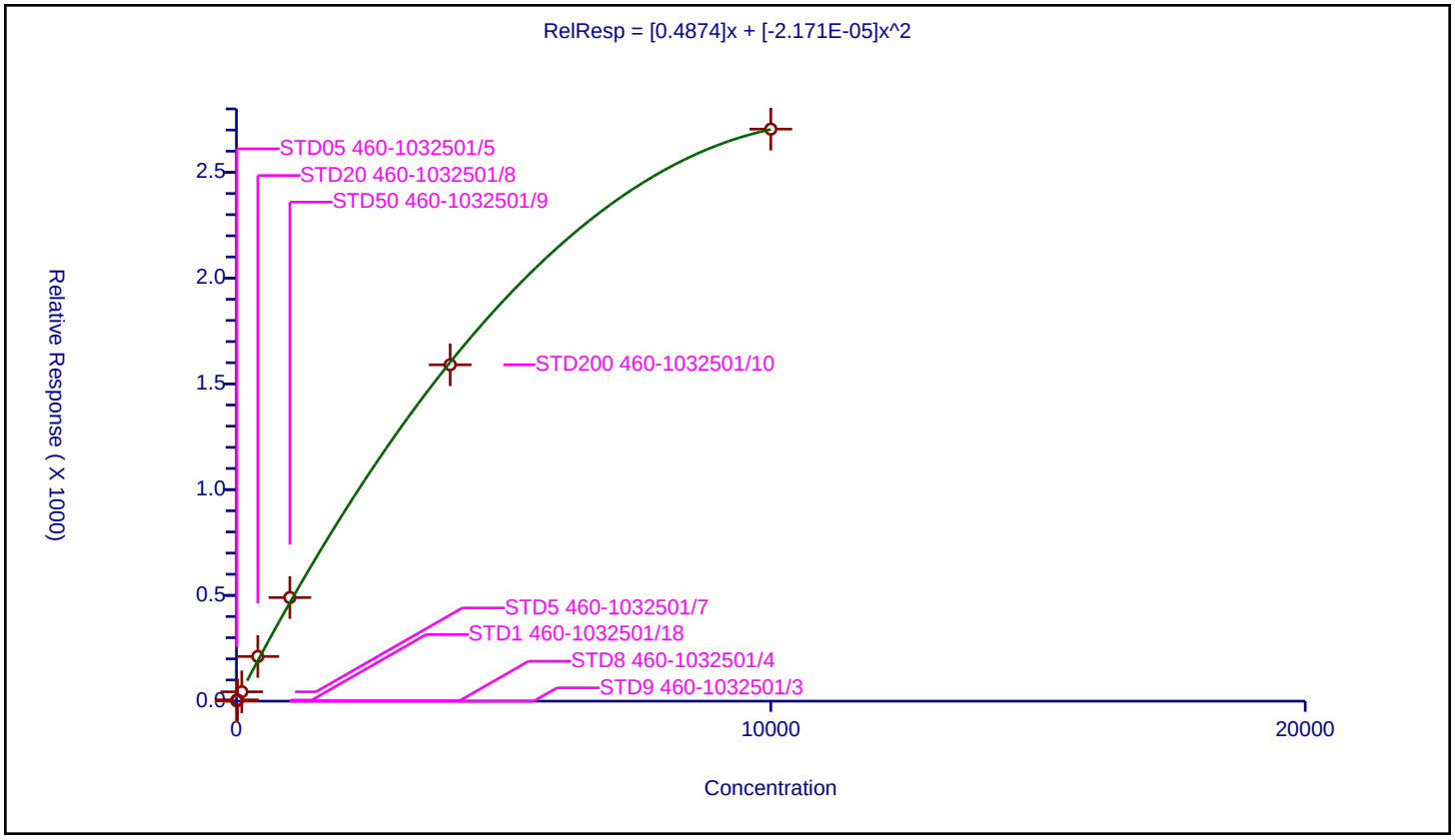
Curve Coefficients

Intercept:	0
Slope:	0.4874
Second Order:	-2.171E-05

Error Coefficients

Relative Standard Deviation:	21.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	4.000007	0.0	250.0	212708.0	0.0	N
2	STD8 460-1032501/4	5.000009	1.929884	250.0	162445.0	0.385976	Y
3	STD05 460-1032501/5	10.000017	4.889341	250.0	98275.0	0.488933	Y
4	STD1 460-1032501/18	20.000035	5.171093	250.0	90068.0	0.258554	Y
5	STD5 460-1032501/7	100.000173	44.232426	250.0	94043.0	0.442323	Y
6	STD20 460-1032501/8	400.000692	211.282806	250.0	87332.0	0.528206	Y
7	STD50 460-1032501/9	1000.00173	489.774756	250.0	107528.0	0.489774	Y
8	STD200 460-1032501/10	4000.00692	1590.190299	250.0	174725.0	0.397547	Y
9	STD500 460-1032501/11	10000.0173	2704.409051	250.0	199442.0	0.27044	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

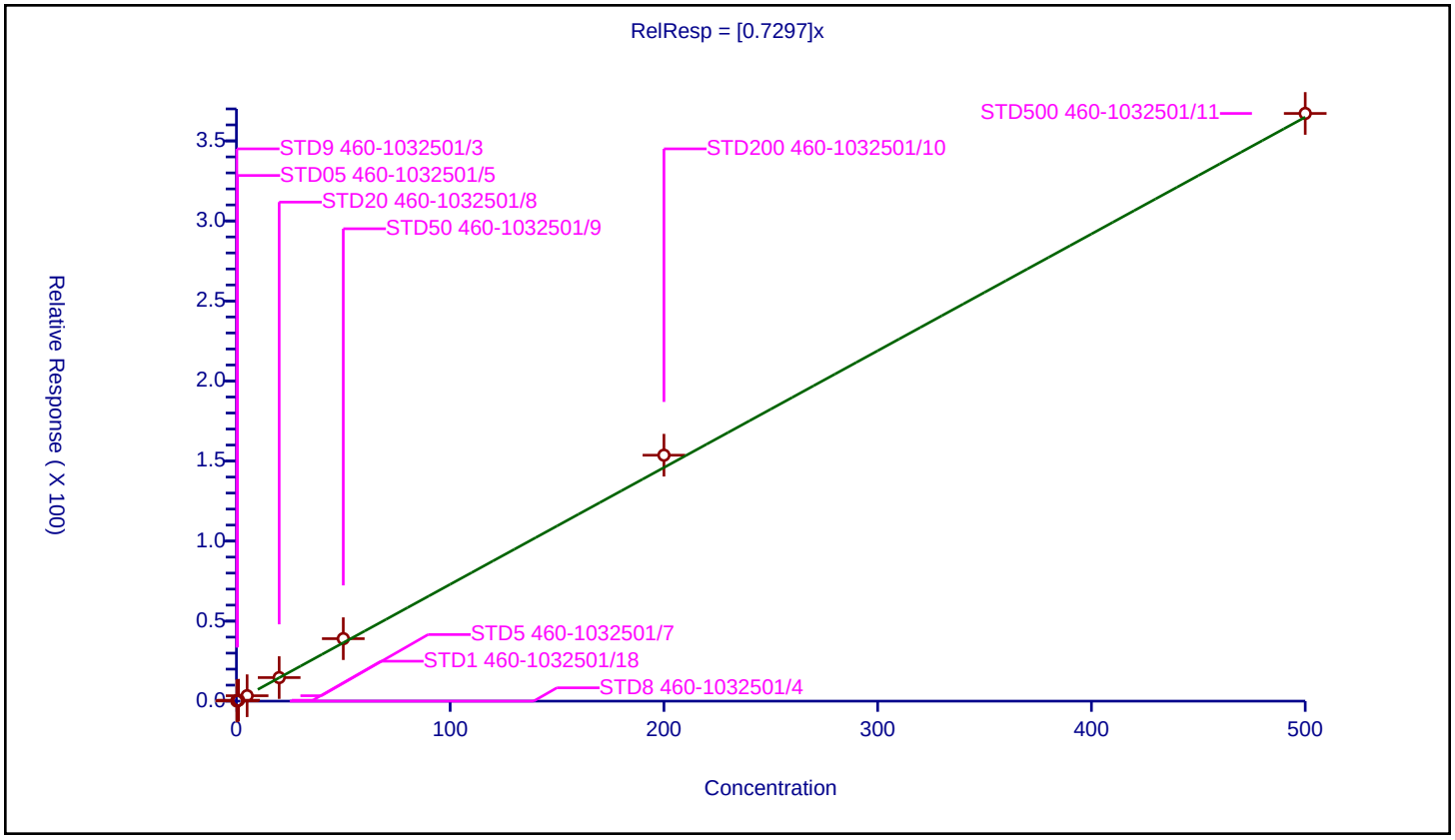
Curve Coefficients

Intercept:	0
Slope:	0.7297

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.153073	50.0	417122.0	0.765364	Y
3	STD05 460-1032501/5	0.5	0.398422	50.0	418024.0	0.796844	Y
4	STD1 460-1032501/18	1.0	0.57854	50.0	395824.0	0.57854	Y
5	STD5 460-1032501/7	5.0	3.387237	50.0	415058.0	0.677447	Y
6	STD20 460-1032501/8	20.0	14.716667	50.0	427094.0	0.735833	Y
7	STD50 460-1032501/9	50.0	39.03543	50.0	426729.0	0.780709	Y
8	STD200 460-1032501/10	200.0	153.656843	50.0	447859.0	0.768284	Y
9	STD500 460-1032501/11	500.0	367.160002	50.0	466620.0	0.73432	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

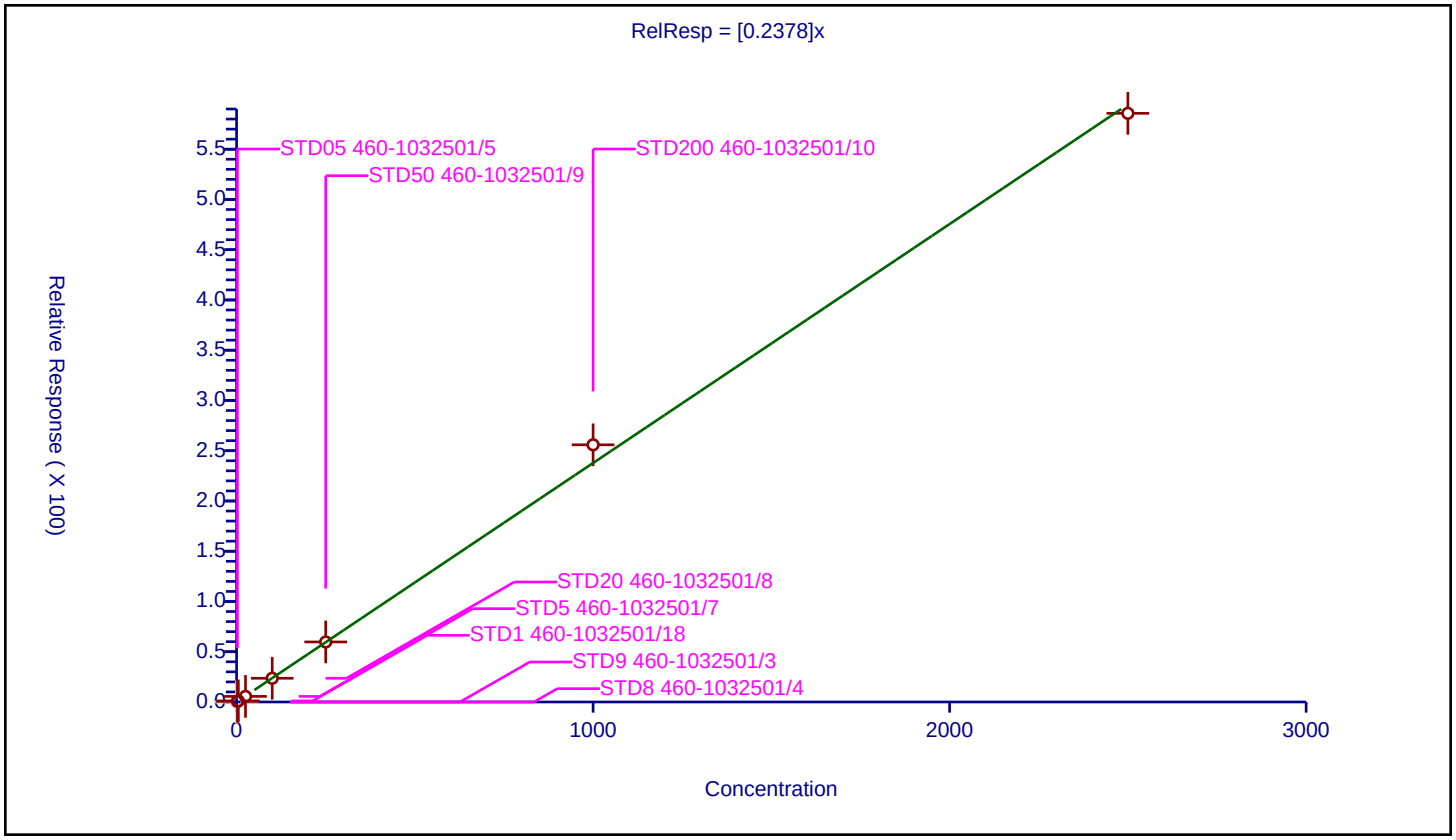
Curve Coefficients

Intercept:	0
Slope:	0.2378

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	1.0	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	2.5	0.660673	50.0	519546.0	0.264269	Y
4	STD1 460-1032501/18	5.0	1.061952	50.0	484909.0	0.21239	Y
5	STD5 460-1032501/7	25.0	5.563406	50.0	512348.0	0.222536	Y
6	STD20 460-1032501/8	100.0	23.608924	50.0	531405.0	0.236089	Y
7	STD50 460-1032501/9	250.0	59.725555	50.0	531363.0	0.238902	Y
8	STD200 460-1032501/10	1000.0	255.905285	50.0	540863.0	0.255905	Y
9	STD500 460-1032501/11	2500.0	585.712858	50.0	550187.0	0.234285	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

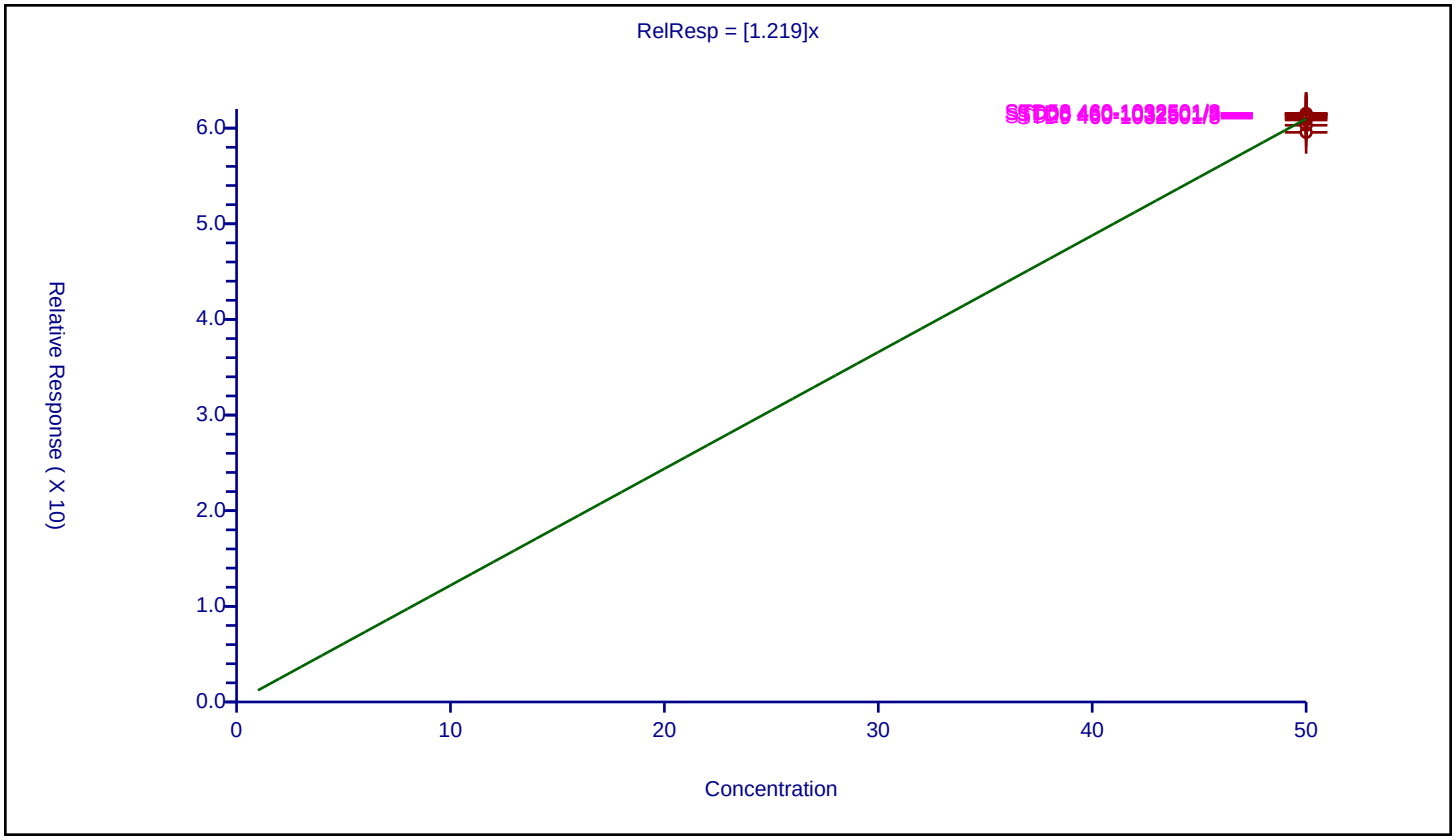
Curve Coefficients

Intercept:	0
Slope:	1.219

Error Coefficients

Relative Standard Deviation:	1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	50.0	61.049285	50.0	417122.0	1.220986	Y
2	STD8 460-1032501/4	50.0	61.420278	50.0	436837.0	1.228406	Y
3	STD05 460-1032501/5	50.0	61.495991	50.0	418024.0	1.22992	Y
4	STD5 460-1032501/7	50.0	61.353955	50.0	415058.0	1.227079	Y
5	STD20 460-1032501/8	50.0	61.192384	50.0	427094.0	1.223848	Y
6	STD50 460-1032501/9	50.0	61.543157	50.0	426729.0	1.230863	Y
7	STD200 460-1032501/10	50.0	60.303131	50.0	447859.0	1.206063	Y
8	STD500 460-1032501/11	50.0	59.558956	50.0	466620.0	1.191179	Y
9	STD1 460-1032501/18	50.0	60.848761	50.0	395824.0	1.216975	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

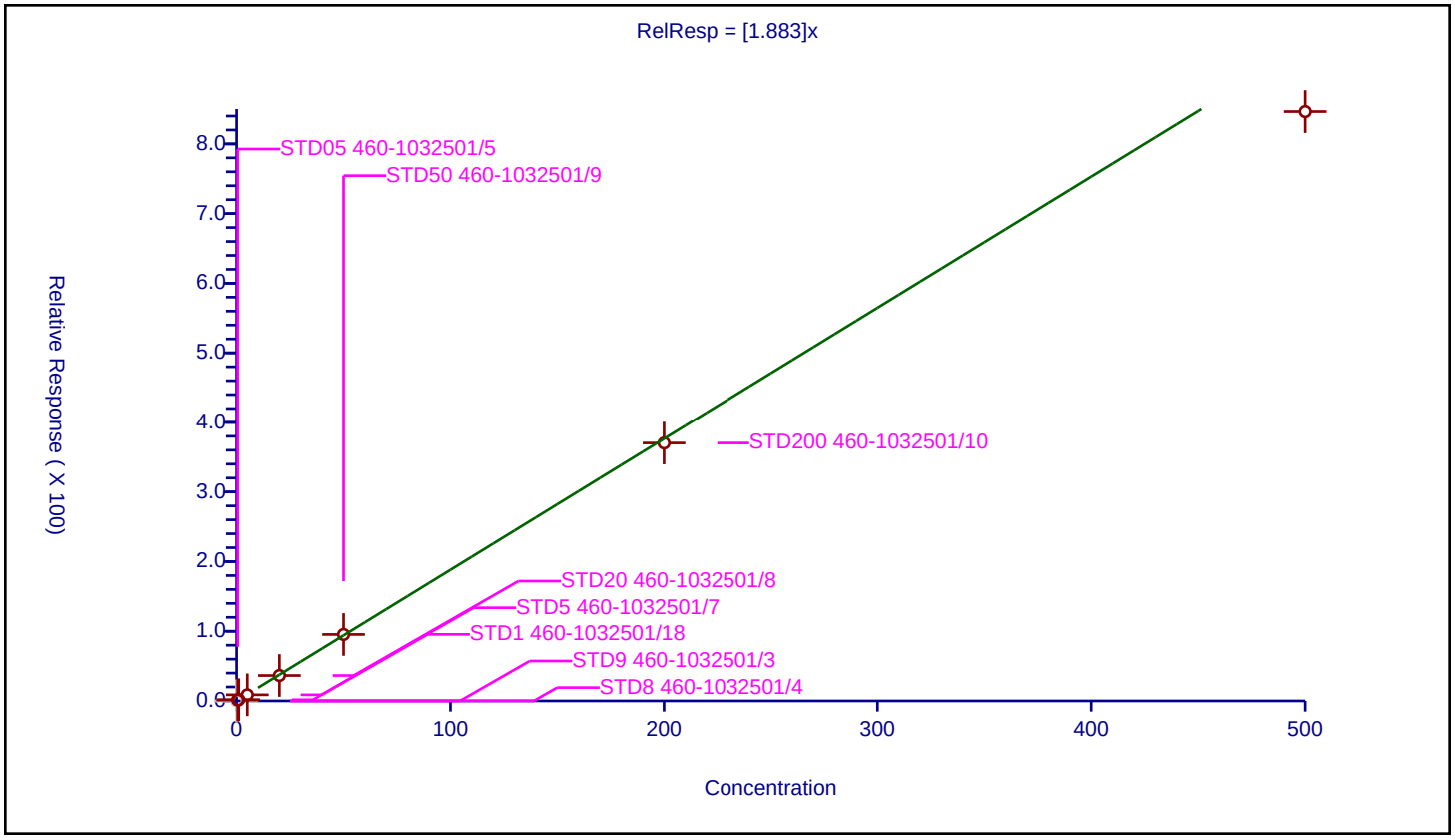
Curve Coefficients

Intercept:	0
Slope:	1.883

Error Coefficients

Relative Standard Deviation:	14.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	1.225887	50.0	418024.0	2.451773	Y
4	STD1 460-1032501/18	1.0	1.696966	50.0	395824.0	1.696966	Y
5	STD5 460-1032501/7	5.0	8.757571	50.0	415058.0	1.751514	Y
6	STD20 460-1032501/8	20.0	36.491967	50.0	427094.0	1.824598	Y
7	STD50 460-1032501/9	50.0	95.415943	50.0	426729.0	1.908319	Y
8	STD200 460-1032501/10	200.0	370.329948	50.0	447859.0	1.85165	Y
9	STD500 460-1032501/11	500.0	846.387424	50.0	466620.0	1.692775	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

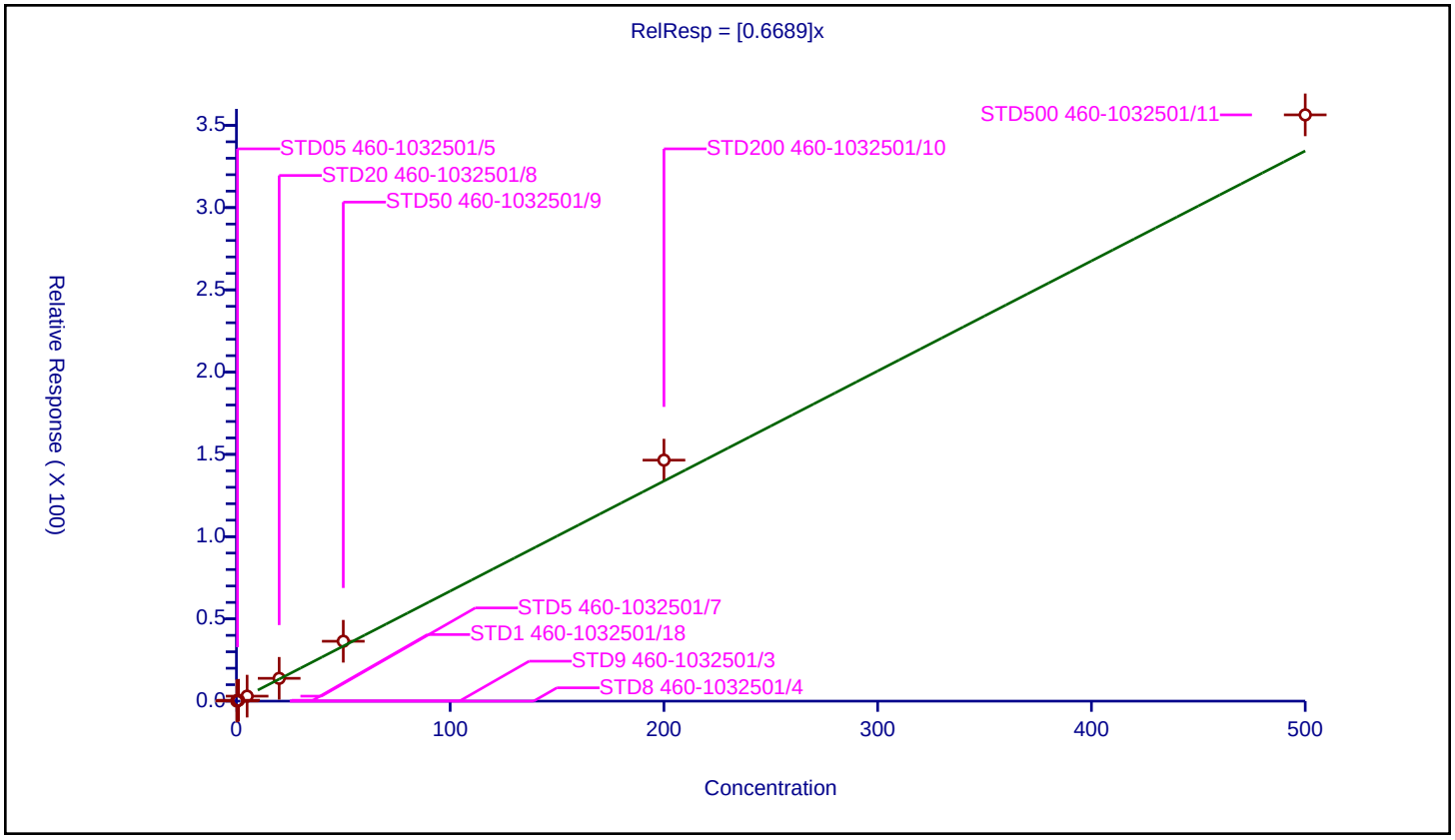
Curve Coefficients

Intercept:	0
Slope:	0.6689

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.115074	50.0	417122.0	0.575371	Y
3	STD05 460-1032501/5	0.5	0.386581	50.0	418024.0	0.773161	Y
4	STD1 460-1032501/18	1.0	0.529655	50.0	395824.0	0.529655	Y
5	STD5 460-1032501/7	5.0	3.030661	50.0	415058.0	0.606132	Y
6	STD20 460-1032501/8	20.0	13.872356	50.0	427094.0	0.693618	Y
7	STD50 460-1032501/9	50.0	36.409056	50.0	426729.0	0.728181	Y
8	STD200 460-1032501/10	200.0	146.491976	50.0	447859.0	0.73246	Y
9	STD500 460-1032501/11	500.0	356.373173	50.0	466620.0	0.712746	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

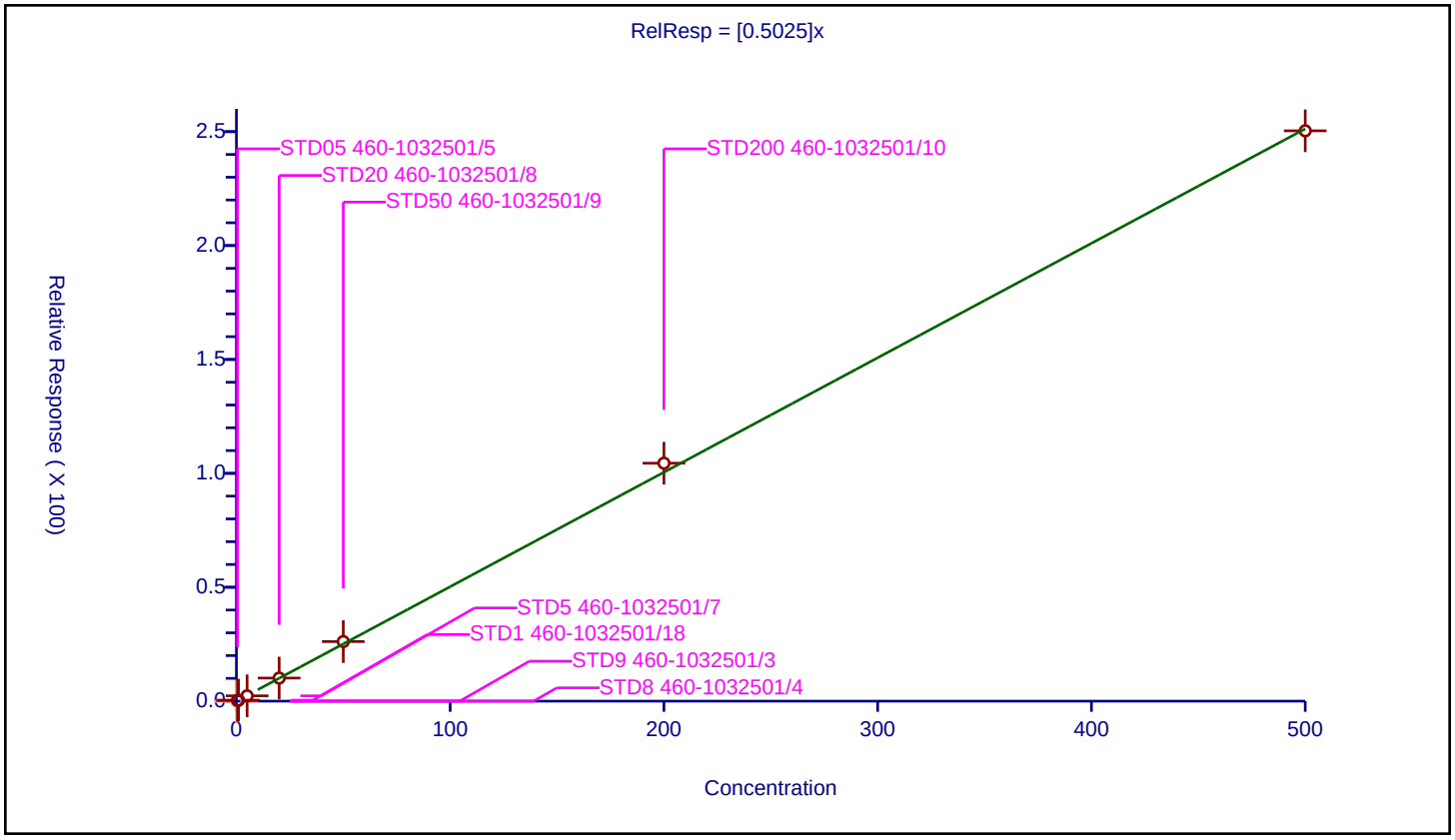
Curve Coefficients

Intercept:	0
Slope:	0.5025

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.28563	50.0	418024.0	0.571259	Y
4	STD1 460-1032501/18	1.0	0.425947	50.0	395824.0	0.425947	Y
5	STD5 460-1032501/7	5.0	2.338468	50.0	415058.0	0.467694	Y
6	STD20 460-1032501/8	20.0	10.126693	50.0	427094.0	0.506335	Y
7	STD50 460-1032501/9	50.0	26.150789	50.0	426729.0	0.523016	Y
8	STD200 460-1032501/10	200.0	104.470938	50.0	447859.0	0.522355	Y
9	STD500 460-1032501/11	500.0	250.379109	50.0	466620.0	0.500758	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

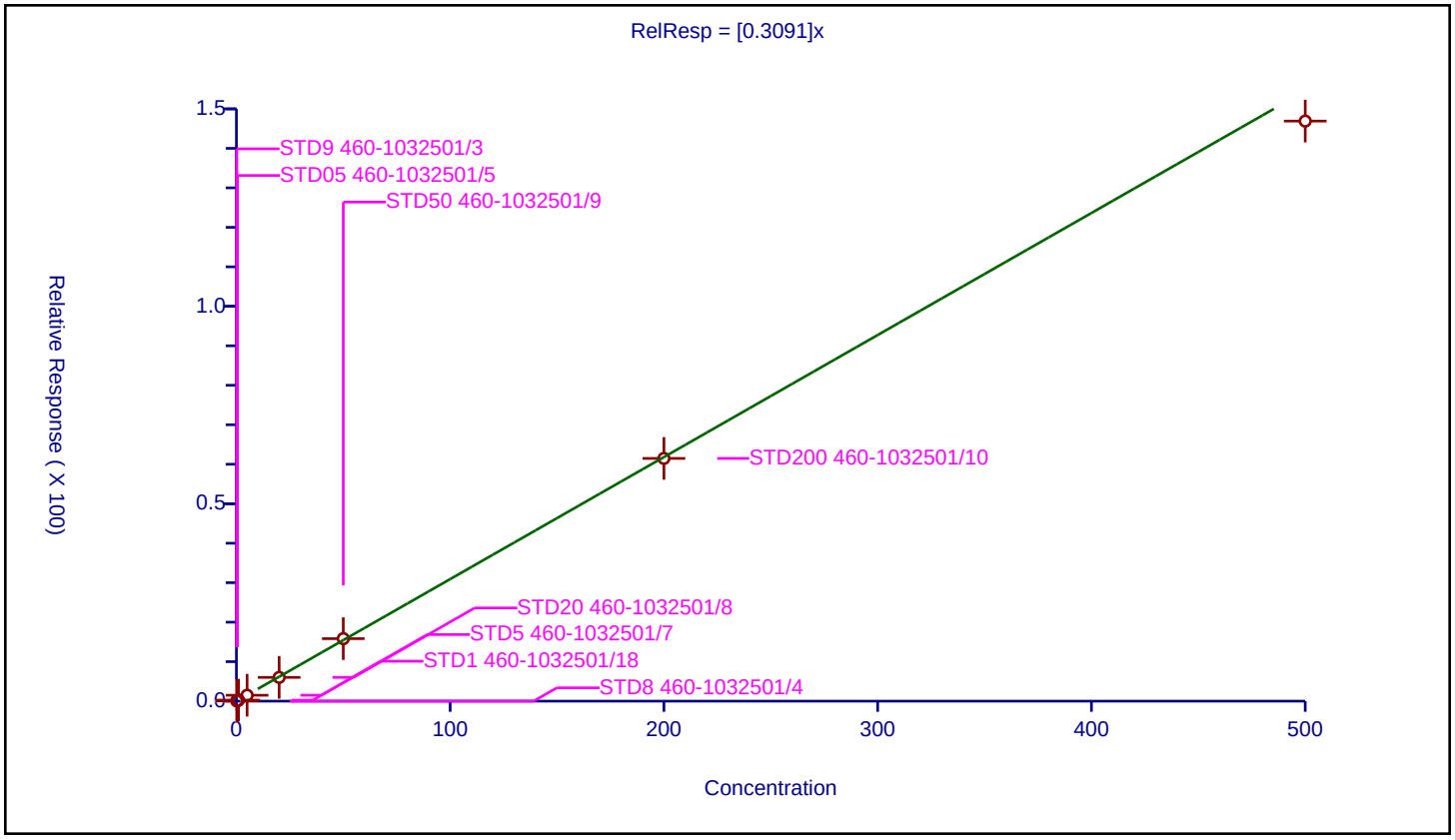
Curve Coefficients

Intercept:	0
Slope:	0.3091

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.068925	50.0	417122.0	0.344623	Y
3	STD05 460-1032501/5	0.5	0.1781	50.0	418024.0	0.3562	Y
4	STD1 460-1032501/18	1.0	0.254659	50.0	395824.0	0.254659	Y
5	STD5 460-1032501/7	5.0	1.49461	50.0	415058.0	0.298922	Y
6	STD20 460-1032501/8	20.0	6.010621	50.0	427094.0	0.300531	Y
7	STD50 460-1032501/9	50.0	15.826204	50.0	426729.0	0.316524	Y
8	STD200 460-1032501/10	200.0	61.478948	50.0	447859.0	0.307395	Y
9	STD500 460-1032501/11	500.0	146.908834	50.0	466620.0	0.293818	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

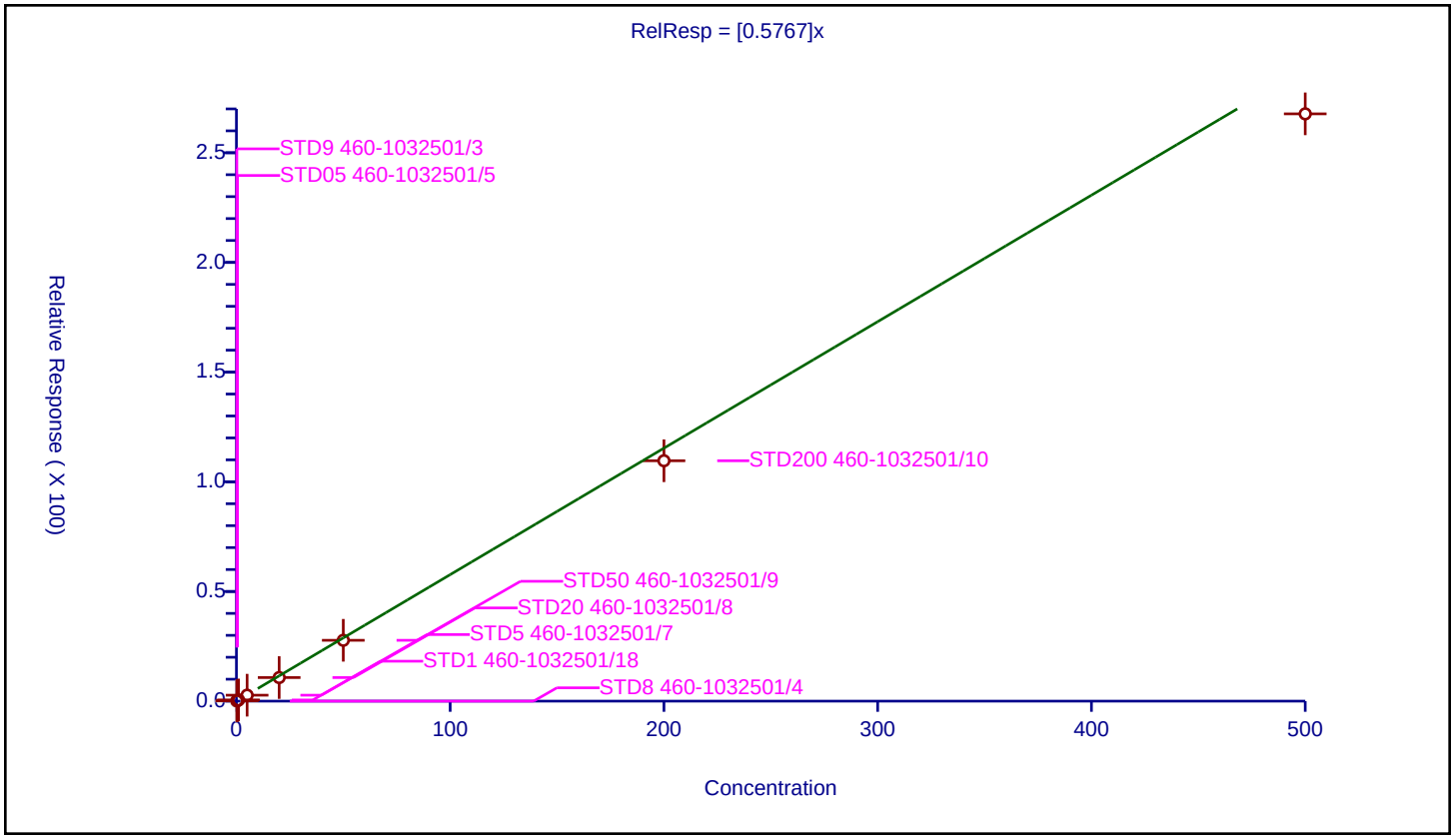
Curve Coefficients

Intercept:	0
Slope:	0.5767

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.138928	50.0	417122.0	0.694641	Y
3	STD05 460-1032501/5	0.5	0.335866	50.0	418024.0	0.671732	Y
4	STD1 460-1032501/18	1.0	0.528012	50.0	395824.0	0.528012	Y
5	STD5 460-1032501/7	5.0	2.716608	50.0	415058.0	0.543322	Y
6	STD20 460-1032501/8	20.0	10.747283	50.0	427094.0	0.537364	Y
7	STD50 460-1032501/9	50.0	27.738916	50.0	426729.0	0.554778	Y
8	STD200 460-1032501/10	200.0	109.587839	50.0	447859.0	0.547939	Y
9	STD500 460-1032501/11	500.0	267.744632	50.0	466620.0	0.535489	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

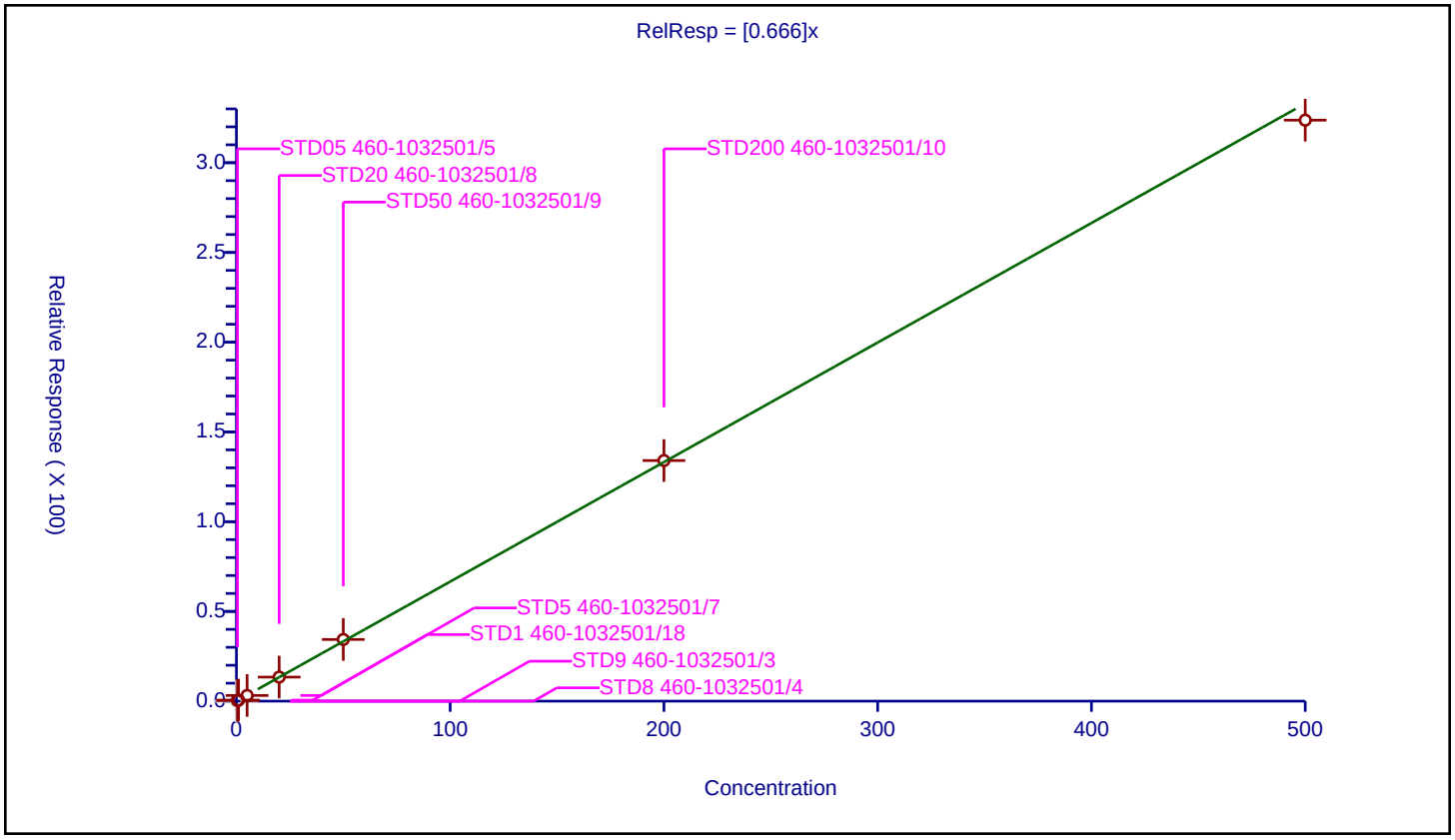
Curve Coefficients

Intercept:	0
Slope:	0.666

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.399738	50.0	418024.0	0.799476	Y
4	STD1 460-1032501/18	1.0	0.557697	50.0	395824.0	0.557697	Y
5	STD5 460-1032501/7	5.0	3.147994	50.0	415058.0	0.629599	Y
6	STD20 460-1032501/8	20.0	13.402787	50.0	427094.0	0.670139	Y
7	STD50 460-1032501/9	50.0	34.364784	50.0	426729.0	0.687296	Y
8	STD200 460-1032501/10	200.0	134.060608	50.0	447859.0	0.670303	Y
9	STD500 460-1032501/11	500.0	323.720051	50.0	466620.0	0.64744	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

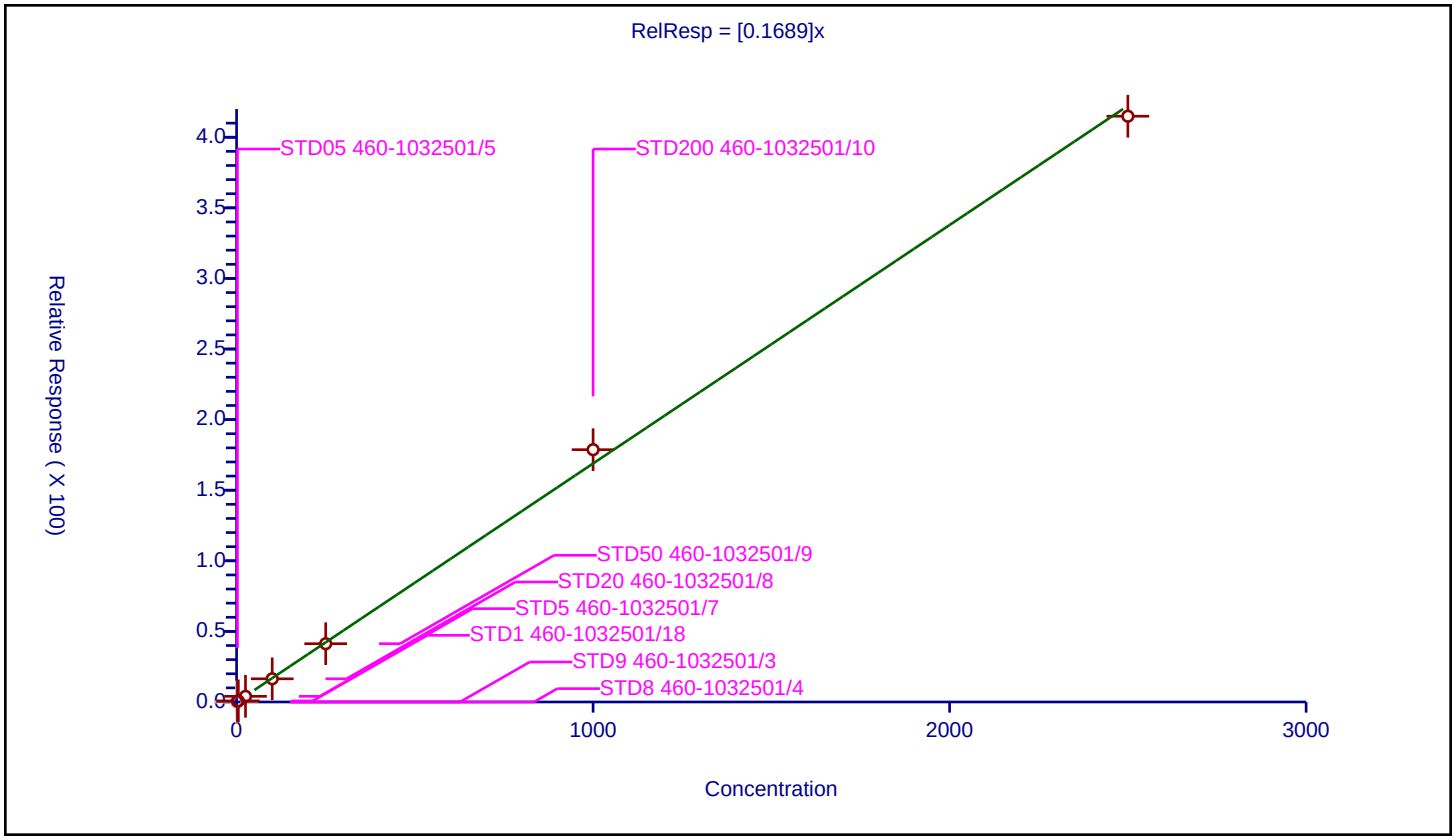
Curve Coefficients

Intercept:	0
Slope:	0.1689

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	549239.0	NaN	N
2	STD9 460-1032501/3	1.0	0.0	50.0	505169.0	0.0	N
3	STD05 460-1032501/5	2.5	0.500918	50.0	519546.0	0.200367	Y
4	STD1 460-1032501/18	5.0	0.738902	50.0	484909.0	0.14778	Y
5	STD5 460-1032501/7	25.0	4.008311	50.0	512348.0	0.160332	Y
6	STD20 460-1032501/8	100.0	16.420339	50.0	531405.0	0.164203	Y
7	STD50 460-1032501/9	250.0	41.270657	50.0	531363.0	0.165083	Y
8	STD200 460-1032501/10	1000.0	178.712631	50.0	540863.0	0.178713	Y
9	STD500 460-1032501/11	2500.0	414.897753	50.0	550187.0	0.165959	Y



Calibration / n-Butyl acetate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

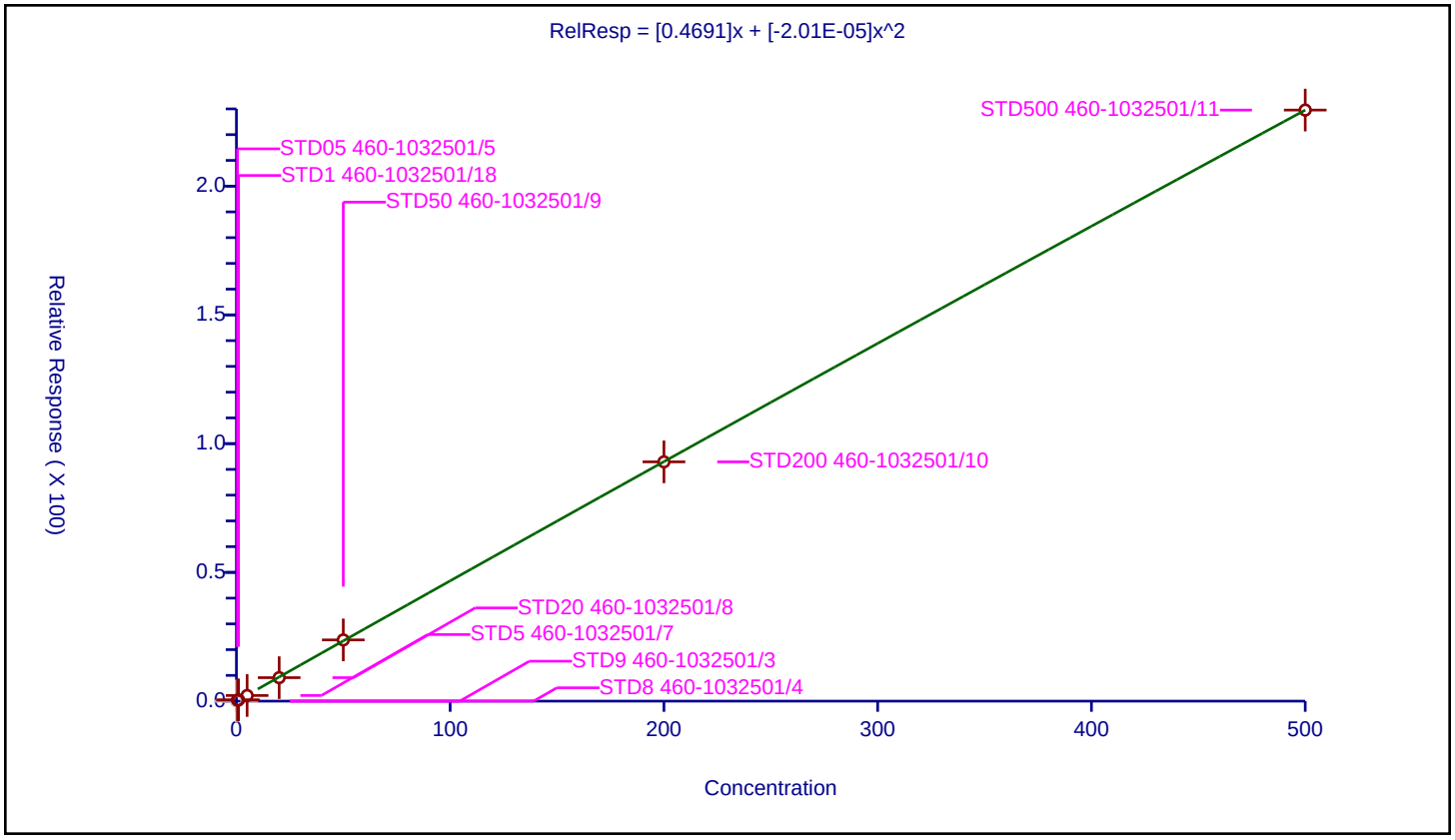
Curve Coefficients

Intercept:	0
Slope:	0.4691
Second Order:	-2.01E-05

Error Coefficients

Relative Standard Deviation:	27.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.378567	50.0	418024.0	0.757134	Y
4	STD1 460-1032501/18	1.0	0.479506	50.0	395824.0	0.479506	Y
5	STD5 460-1032501/7	5.0	2.18608	50.0	415058.0	0.437216	Y
6	STD20 460-1032501/8	20.0	9.122114	50.0	427094.0	0.456106	Y
7	STD50 460-1032501/9	50.0	23.770824	50.0	426729.0	0.475416	Y
8	STD200 460-1032501/10	200.0	92.929918	50.0	447859.0	0.46465	Y
9	STD500 460-1032501/11	500.0	229.54749	50.0	466620.0	0.459095	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

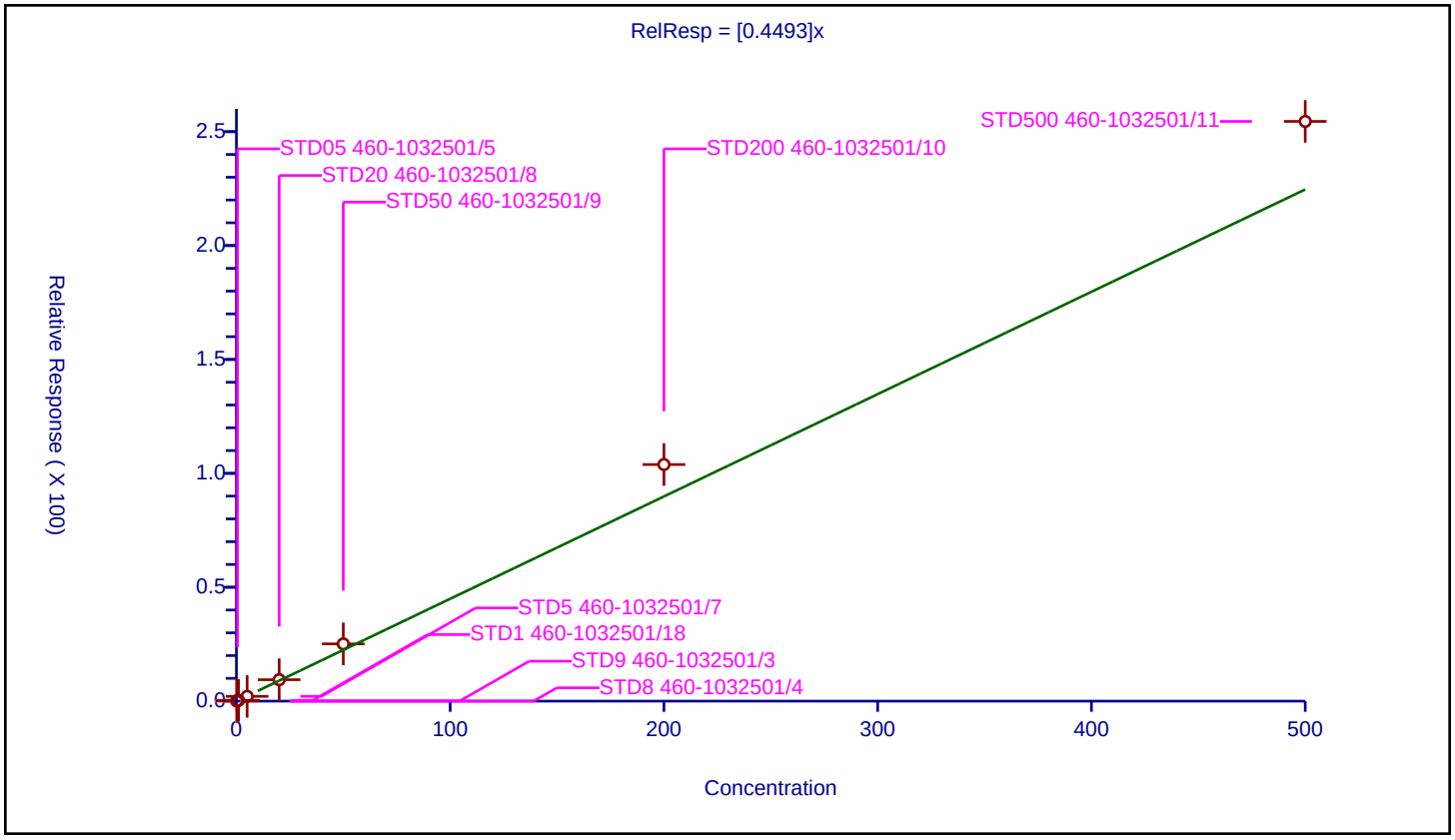
Curve Coefficients

Intercept:	0
Slope:	0.4493

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.067726	50.0	417122.0	0.33863	Y
3	STD05 460-1032501/5	0.5	0.238981	50.0	418024.0	0.477963	Y
4	STD1 460-1032501/18	1.0	0.355461	50.0	395824.0	0.355461	Y
5	STD5 460-1032501/7	5.0	2.104043	50.0	415058.0	0.420809	Y
6	STD20 460-1032501/8	20.0	9.407063	50.0	427094.0	0.470353	Y
7	STD50 460-1032501/9	50.0	25.12754	50.0	426729.0	0.502551	Y
8	STD200 460-1032501/10	200.0	103.86807	50.0	447859.0	0.51934	Y
9	STD500 460-1032501/11	500.0	254.501629	50.0	466620.0	0.509003	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

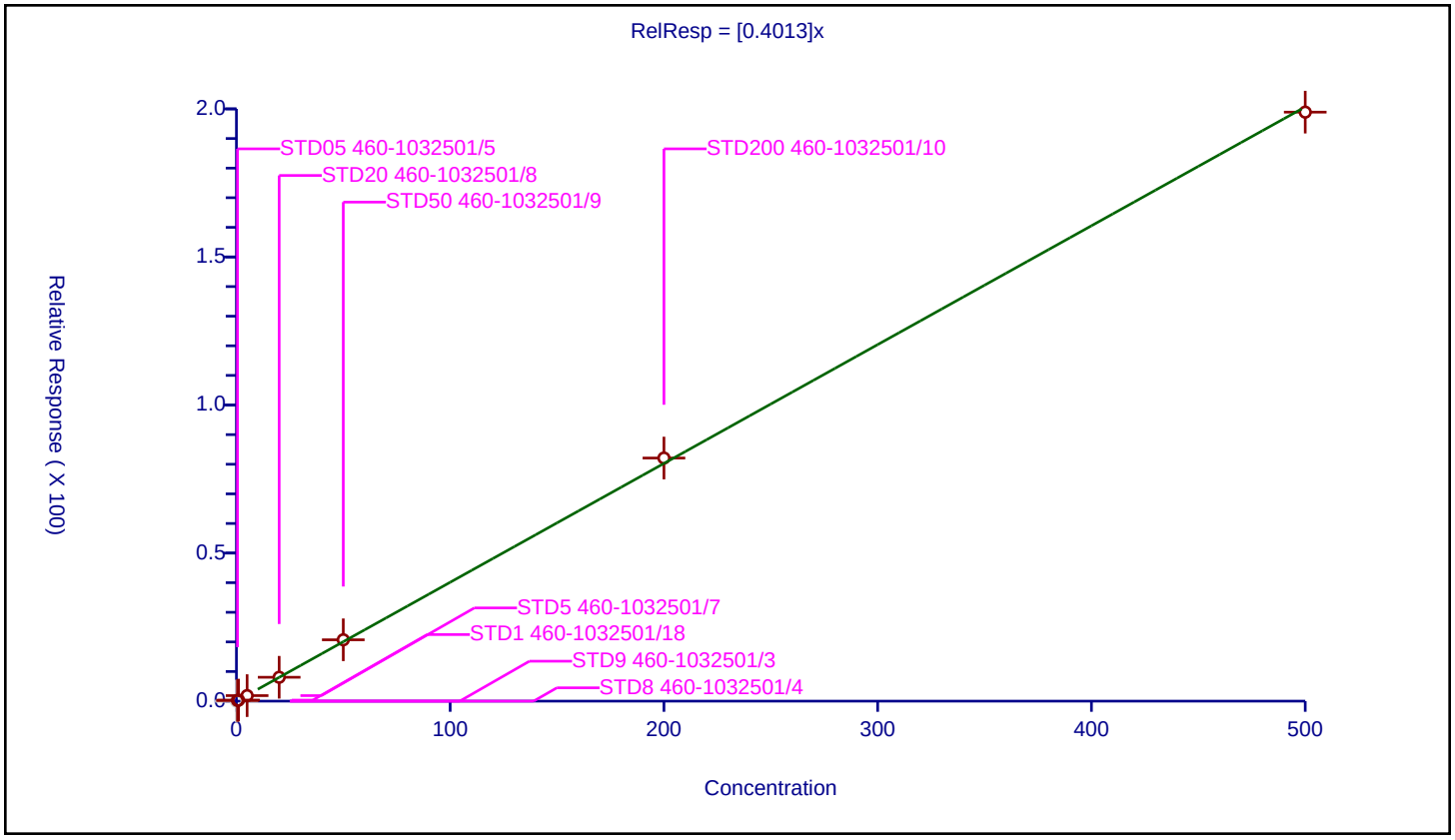
Curve Coefficients

Intercept:	0
Slope:	0.4013

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.234556	50.0	418024.0	0.469112	Y
4	STD1 460-1032501/18	1.0	0.342071	50.0	395824.0	0.342071	Y
5	STD5 460-1032501/7	5.0	1.862752	50.0	415058.0	0.37255	Y
6	STD20 460-1032501/8	20.0	8.058999	50.0	427094.0	0.40295	Y
7	STD50 460-1032501/9	50.0	20.71877	50.0	426729.0	0.414375	Y
8	STD200 460-1032501/10	200.0	82.096486	50.0	447859.0	0.410482	Y
9	STD500 460-1032501/11	500.0	198.899854	50.0	466620.0	0.3978	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

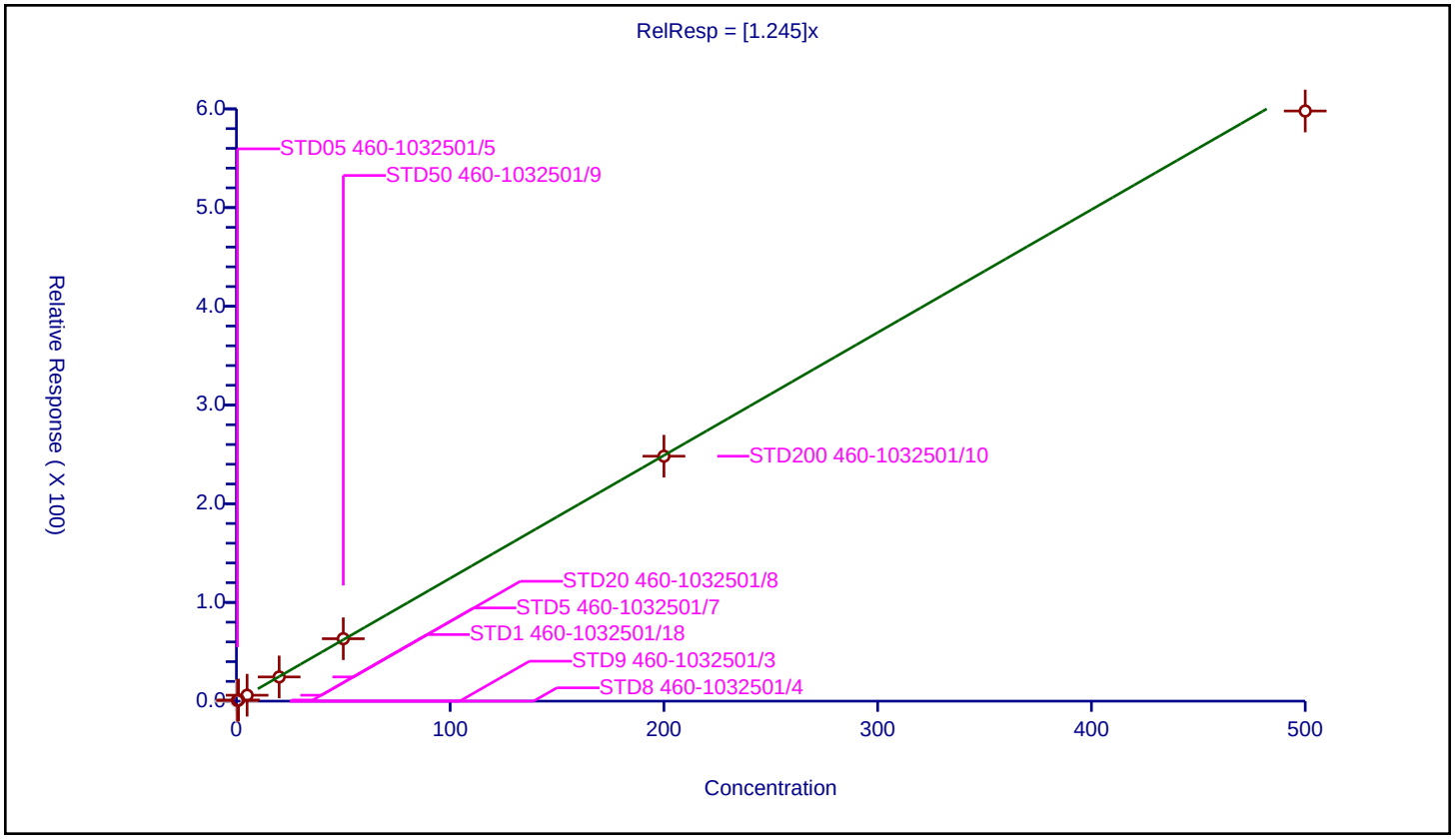
Curve Coefficients

Intercept:	0
Slope:	1.245

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.738355	50.0	418024.0	1.476709	Y
4	STD1 460-1032501/18	1.0	1.111353	50.0	395824.0	1.111353	Y
5	STD5 460-1032501/7	5.0	5.997234	50.0	415058.0	1.199447	Y
6	STD20 460-1032501/8	20.0	24.500695	50.0	427094.0	1.225035	Y
7	STD50 460-1032501/9	50.0	63.230059	50.0	426729.0	1.264601	Y
8	STD200 460-1032501/10	200.0	248.155558	50.0	447859.0	1.240778	Y
9	STD500 460-1032501/11	500.0	597.863572	50.0	466620.0	1.195727	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

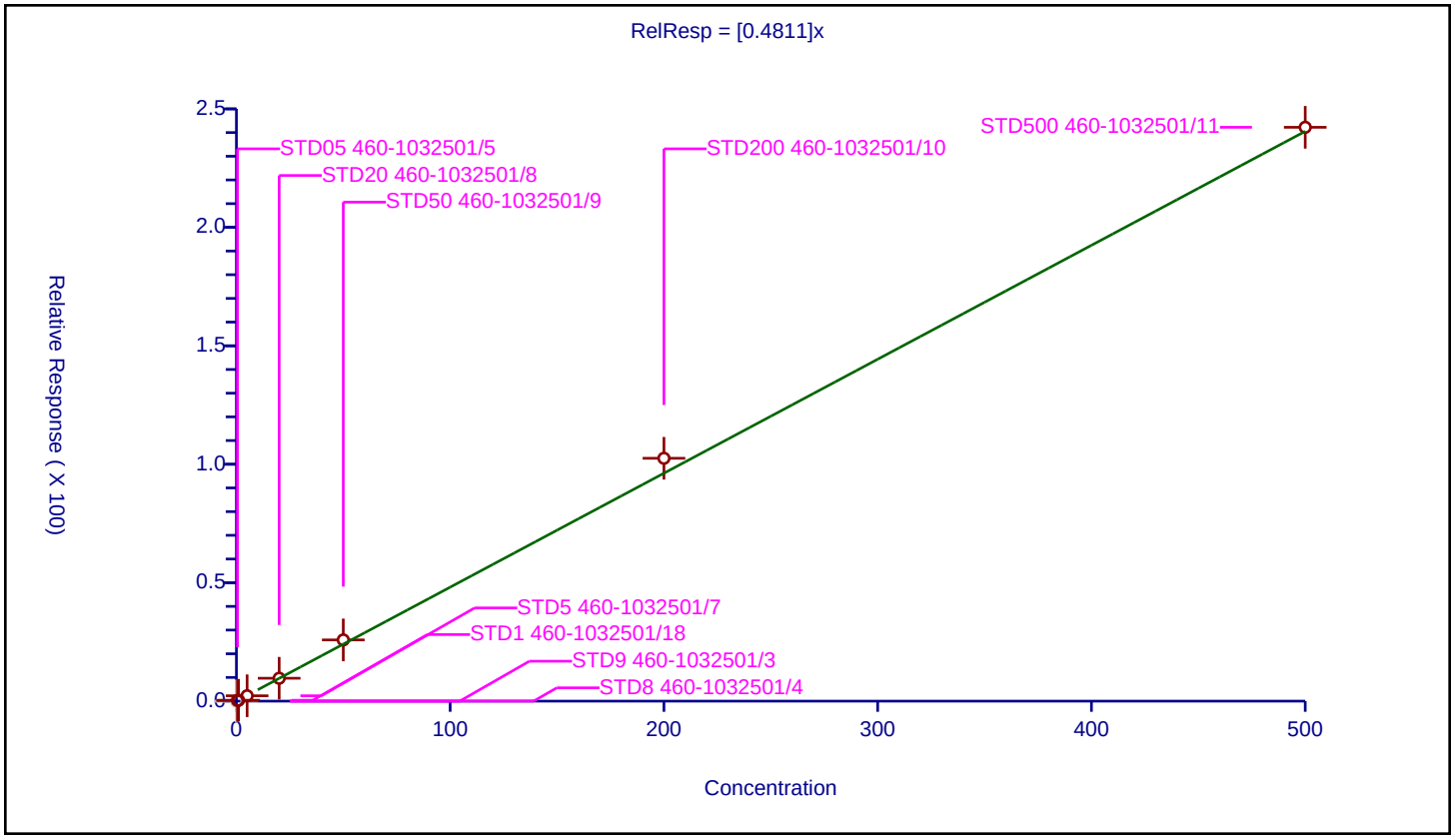
Curve Coefficients

Intercept:	0
Slope:	0.4811

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.27319	50.0	418024.0	0.54638	Y
4	STD1 460-1032501/18	1.0	0.371377	50.0	395824.0	0.371377	Y
5	STD5 460-1032501/7	5.0	2.261732	50.0	415058.0	0.452346	Y
6	STD20 460-1032501/8	20.0	9.668598	50.0	427094.0	0.48343	Y
7	STD50 460-1032501/9	50.0	25.838413	50.0	426729.0	0.516768	Y
8	STD200 460-1032501/10	200.0	102.521329	50.0	447859.0	0.512607	Y
9	STD500 460-1032501/11	500.0	242.232438	50.0	466620.0	0.484465	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

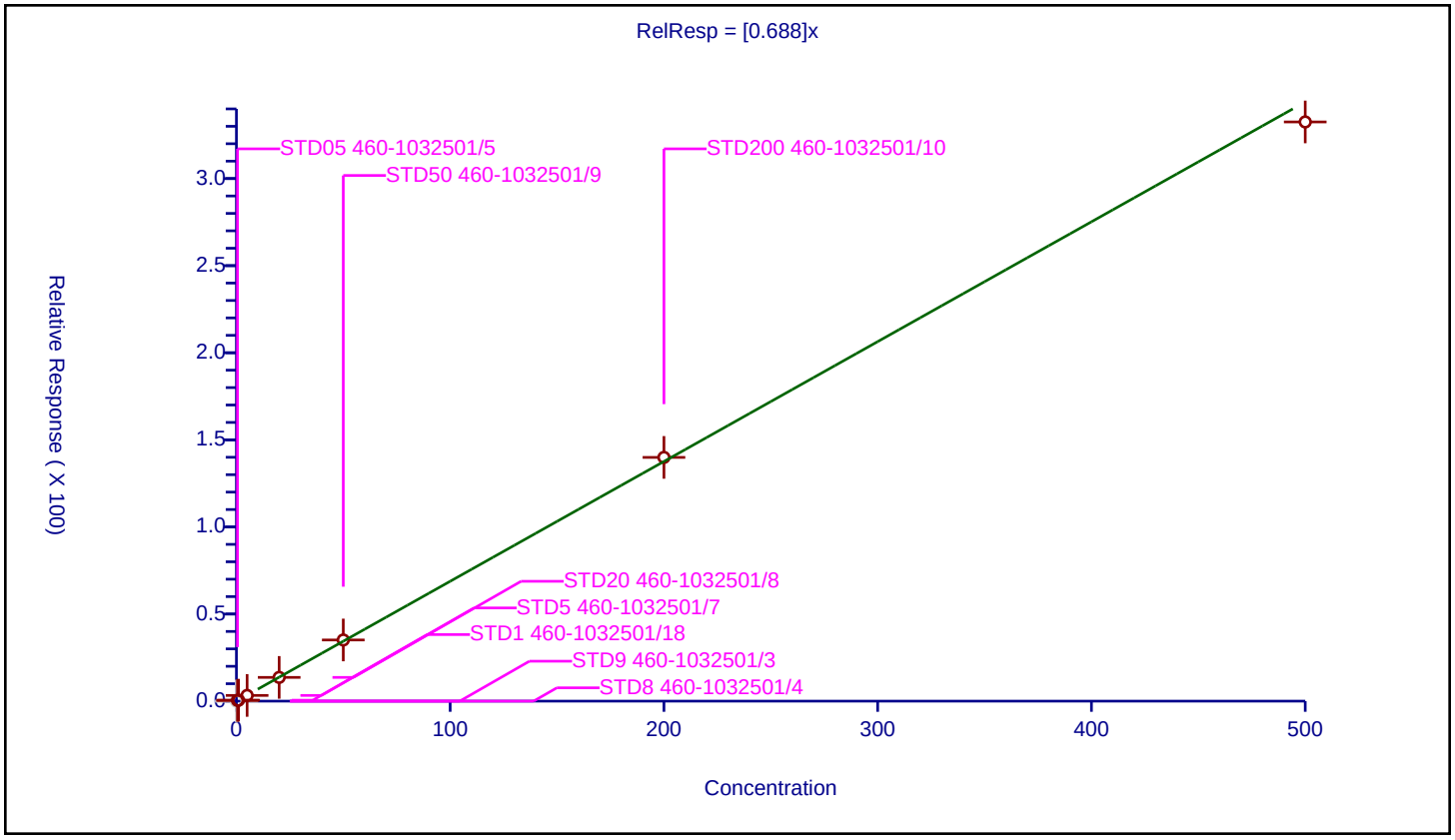
Curve Coefficients

Intercept:	0
Slope:	0.688

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.433468	50.0	418024.0	0.866936	Y
4	STD1 460-1032501/18	1.0	0.544813	50.0	395824.0	0.544813	Y
5	STD5 460-1032501/7	5.0	3.277253	50.0	415058.0	0.655451	Y
6	STD20 460-1032501/8	20.0	13.633533	50.0	427094.0	0.681677	Y
7	STD50 460-1032501/9	50.0	35.115964	50.0	426729.0	0.702319	Y
8	STD200 460-1032501/10	200.0	139.925401	50.0	447859.0	0.699627	Y
9	STD500 460-1032501/11	500.0	332.513823	50.0	466620.0	0.665028	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

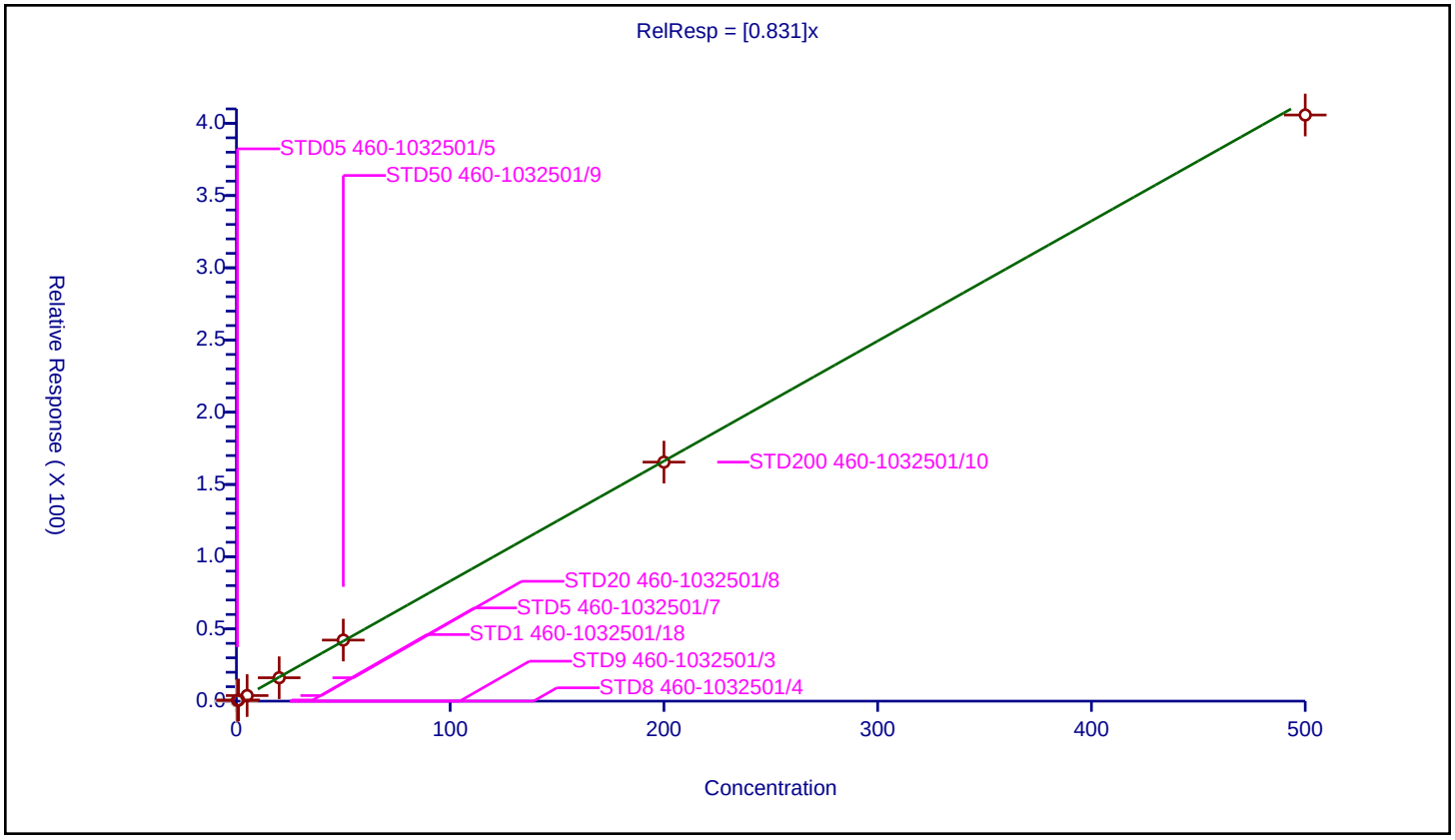
Curve Coefficients

Intercept:	0
Slope:	0.831

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.487053	50.0	418024.0	0.974107	Y
4	STD1 460-1032501/18	1.0	0.776987	50.0	395824.0	0.776987	Y
5	STD5 460-1032501/7	5.0	3.860183	50.0	415058.0	0.772037	Y
6	STD20 460-1032501/8	20.0	16.195498	50.0	427094.0	0.809775	Y
7	STD50 460-1032501/9	50.0	42.271676	50.0	426729.0	0.845434	Y
8	STD200 460-1032501/10	200.0	165.475965	50.0	447859.0	0.82738	Y
9	STD500 460-1032501/11	500.0	405.780614	50.0	466620.0	0.811561	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

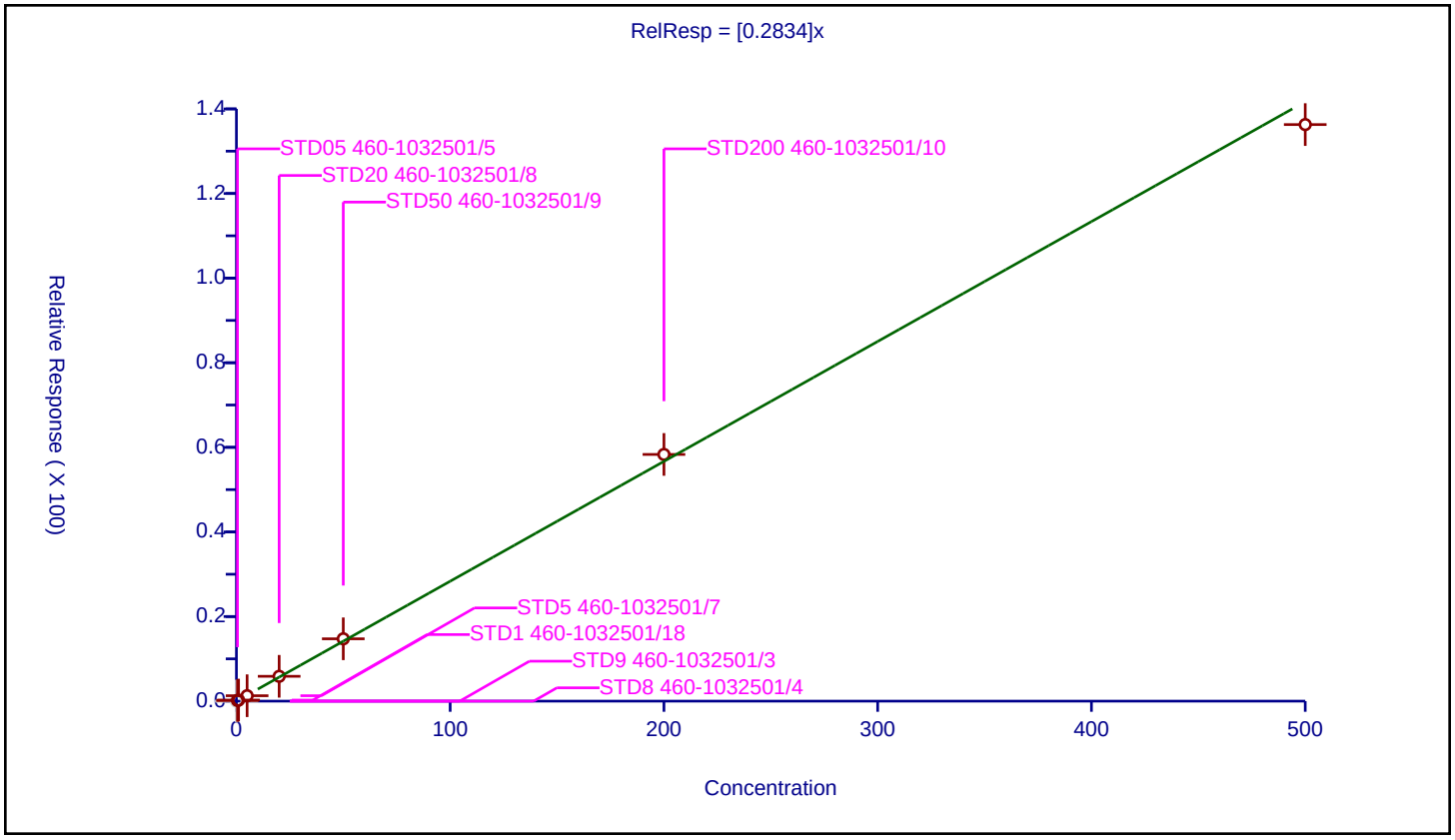
Curve Coefficients

Intercept:	0
Slope:	0.2834

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.163268	50.0	418024.0	0.326536	Y
4	STD1 460-1032501/18	1.0	0.248469	50.0	395824.0	0.248469	Y
5	STD5 460-1032501/7	5.0	1.28199	50.0	415058.0	0.256398	Y
6	STD20 460-1032501/8	20.0	5.872361	50.0	427094.0	0.293618	Y
7	STD50 460-1032501/9	50.0	14.733473	50.0	426729.0	0.294669	Y
8	STD200 460-1032501/10	200.0	58.316792	50.0	447859.0	0.291584	Y
9	STD500 460-1032501/11	500.0	136.292594	50.0	466620.0	0.272585	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

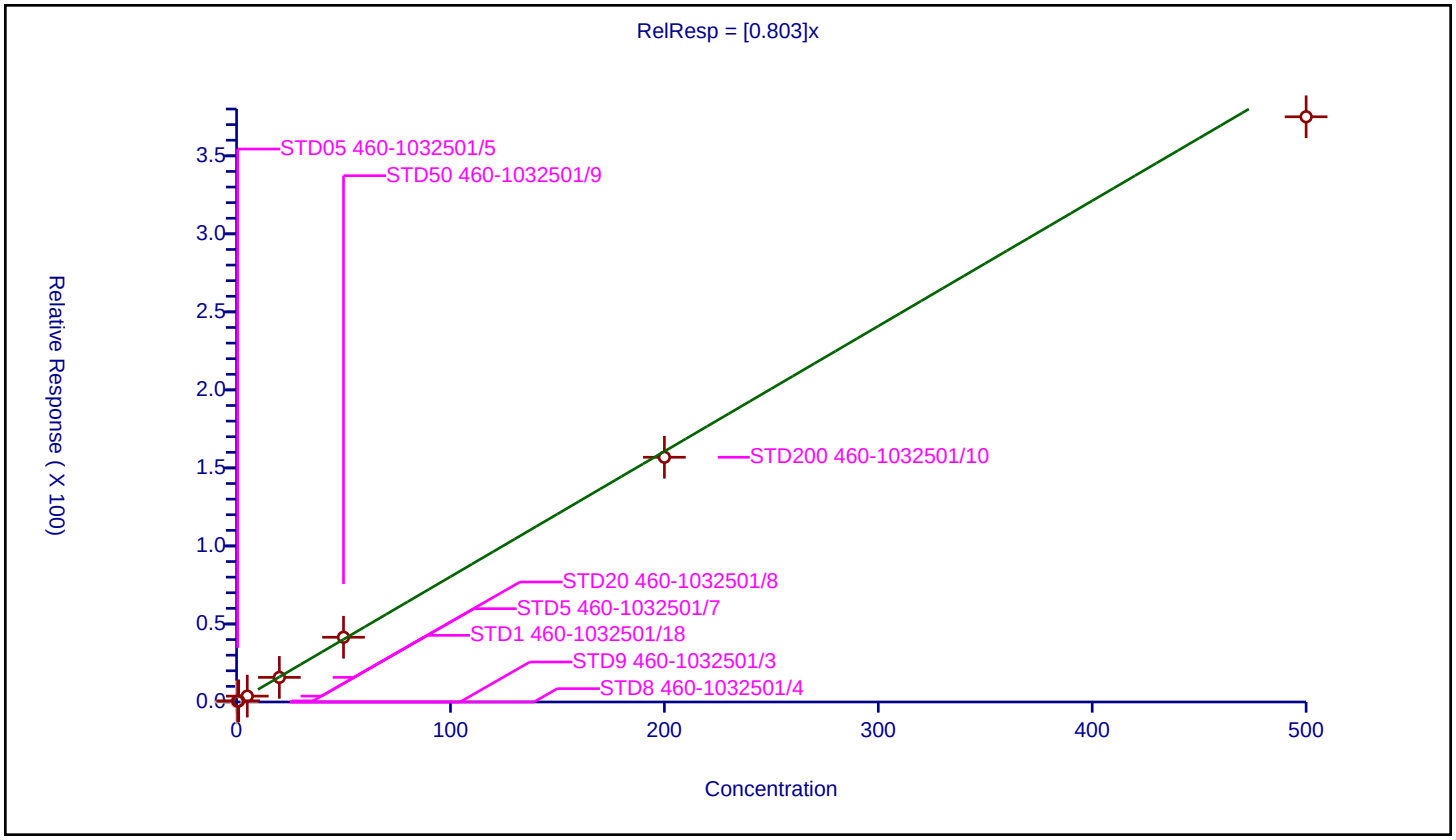
Curve Coefficients

Intercept:	0
Slope:	0.803

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.503679	50.0	418024.0	1.007358	Y
4	STD1 460-1032501/18	1.0	0.706627	50.0	395824.0	0.706627	Y
5	STD5 460-1032501/7	5.0	3.775858	50.0	415058.0	0.755172	Y
6	STD20 460-1032501/8	20.0	15.760114	50.0	427094.0	0.788006	Y
7	STD50 460-1032501/9	50.0	41.478315	50.0	426729.0	0.829566	Y
8	STD200 460-1032501/10	200.0	156.835075	50.0	447859.0	0.784175	Y
9	STD500 460-1032501/11	500.0	375.032682	50.0	466620.0	0.750065	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

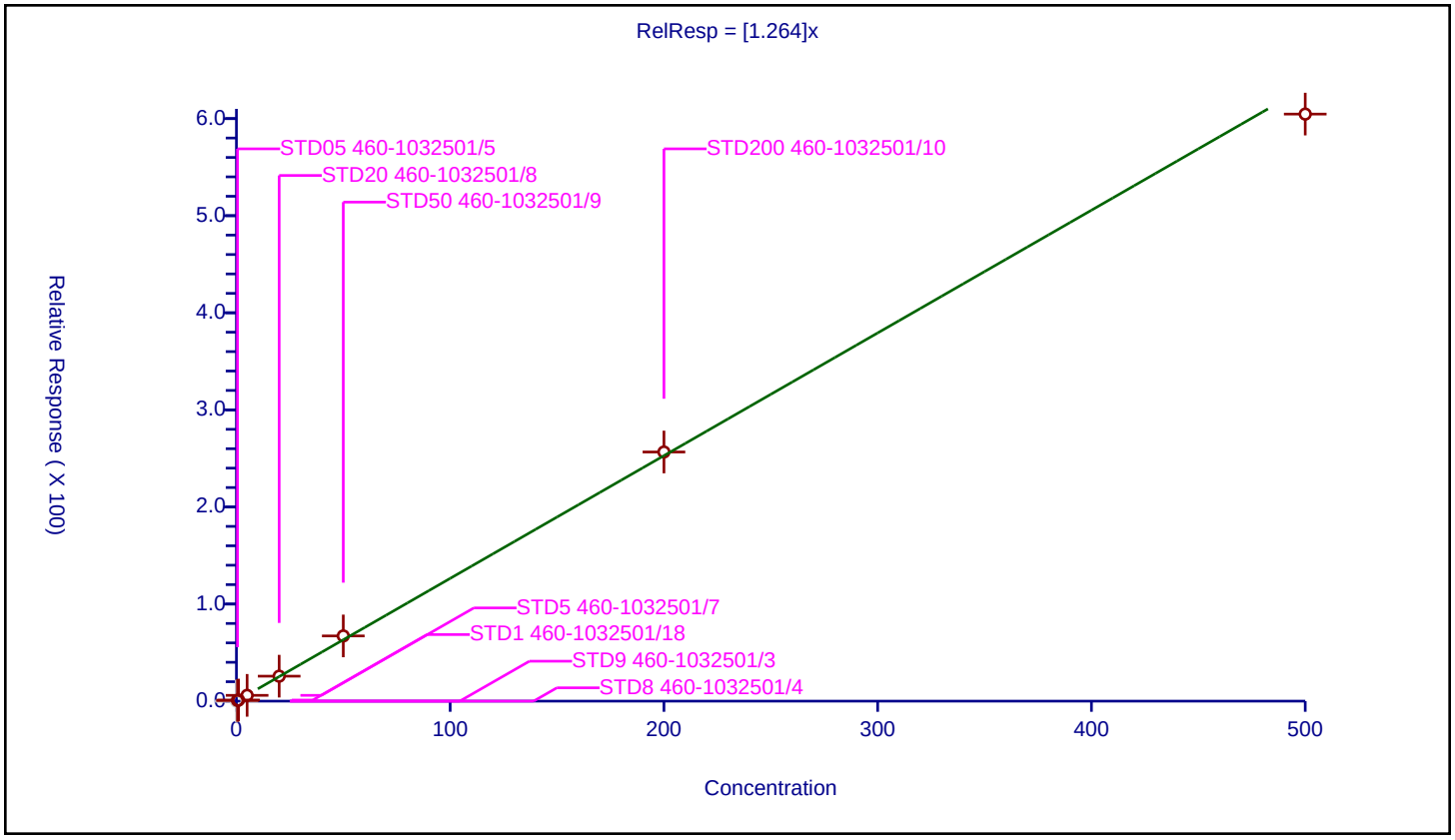
Curve Coefficients

Intercept:	0
Slope:	1.264

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.71539	50.0	418024.0	1.430779	Y
4	STD1 460-1032501/18	1.0	1.103142	50.0	395824.0	1.103142	Y
5	STD5 460-1032501/7	5.0	5.965311	50.0	415058.0	1.193062	Y
6	STD20 460-1032501/8	20.0	25.721036	50.0	427094.0	1.286052	Y
7	STD50 460-1032501/9	50.0	67.159368	50.0	426729.0	1.343187	Y
8	STD200 460-1032501/10	200.0	256.627309	50.0	447859.0	1.283137	Y
9	STD500 460-1032501/11	500.0	604.639643	50.0	466620.0	1.209279	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

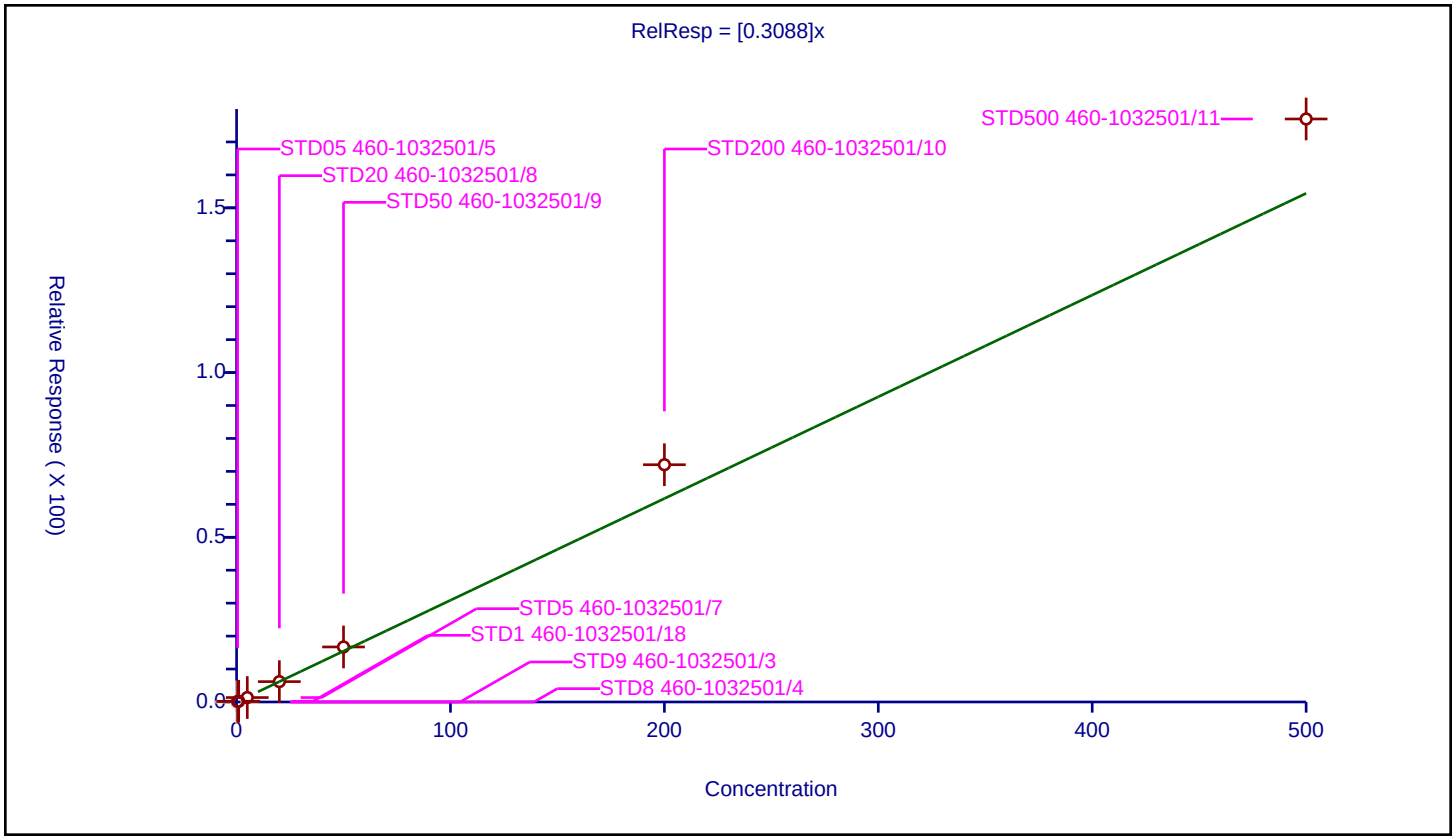
Curve Coefficients

Intercept:	0
Slope:	0.3088

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	0.154895	50.0	418024.0	0.309791	Y
4	STD1 460-1032501/18	1.0	0.224974	50.0	395824.0	0.224974	Y
5	STD5 460-1032501/7	5.0	1.348727	50.0	415058.0	0.269745	Y
6	STD20 460-1032501/8	20.0	6.178148	50.0	427094.0	0.308907	Y
7	STD50 460-1032501/9	50.0	16.703458	50.0	426729.0	0.334069	Y
8	STD200 460-1032501/10	200.0	72.021216	50.0	447859.0	0.360106	Y
9	STD500 460-1032501/11	500.0	176.976233	50.0	466620.0	0.353952	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

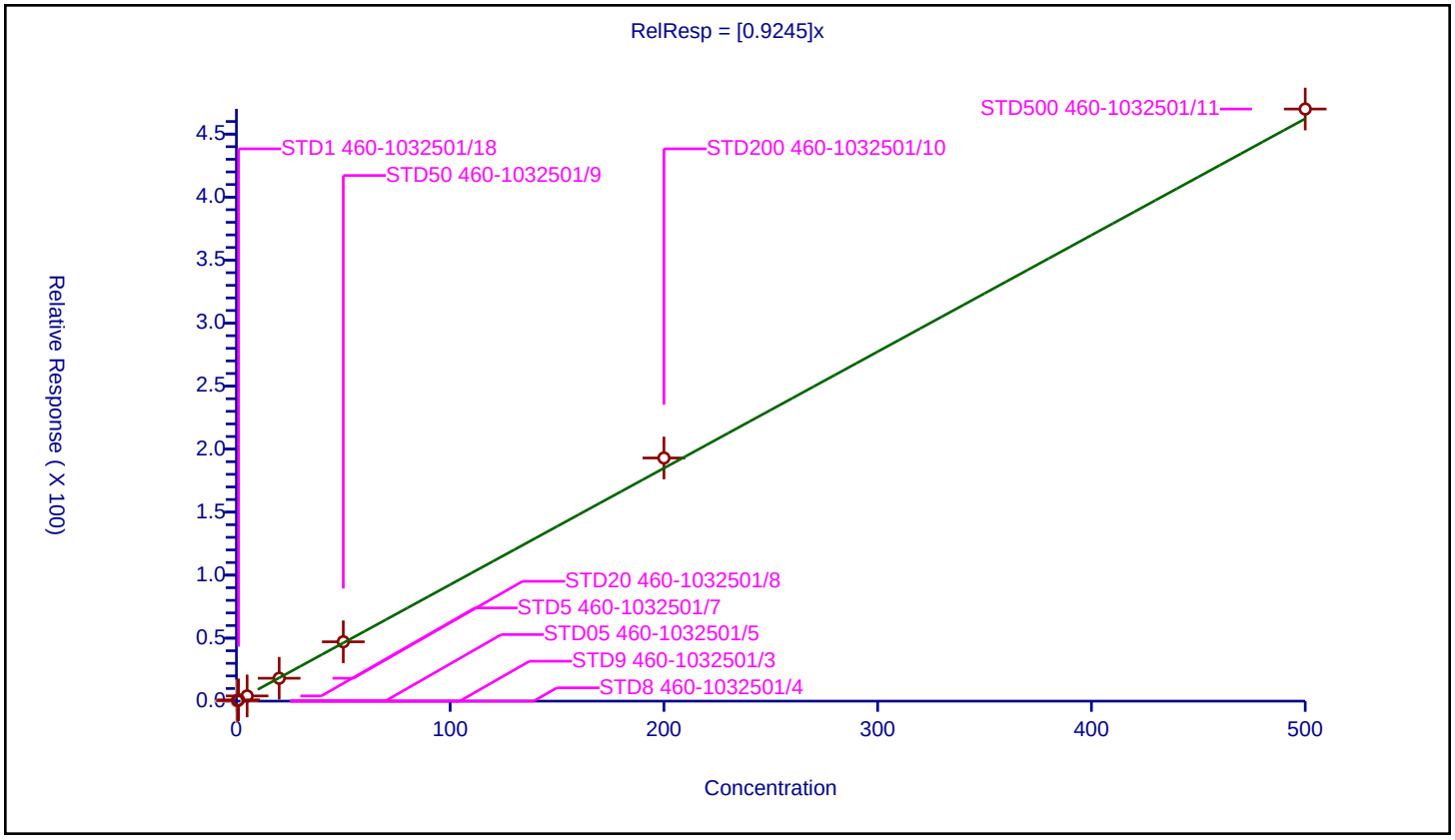
Curve Coefficients

Intercept:	0
Slope:	0.9245

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.440022	50.0	251010.0	0.880045	Y
4	STD1 460-1032501/18	1.0	1.009199	50.0	238952.0	1.009199	Y
5	STD5 460-1032501/7	5.0	4.133274	50.0	249802.0	0.826655	Y
6	STD20 460-1032501/8	20.0	18.171606	50.0	248371.0	0.90858	Y
7	STD50 460-1032501/9	50.0	47.103851	50.0	250108.0	0.942077	Y
8	STD200 460-1032501/10	200.0	192.973024	50.0	258084.0	0.964865	Y
9	STD500 460-1032501/11	500.0	469.884897	50.0	263069.0	0.93977	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

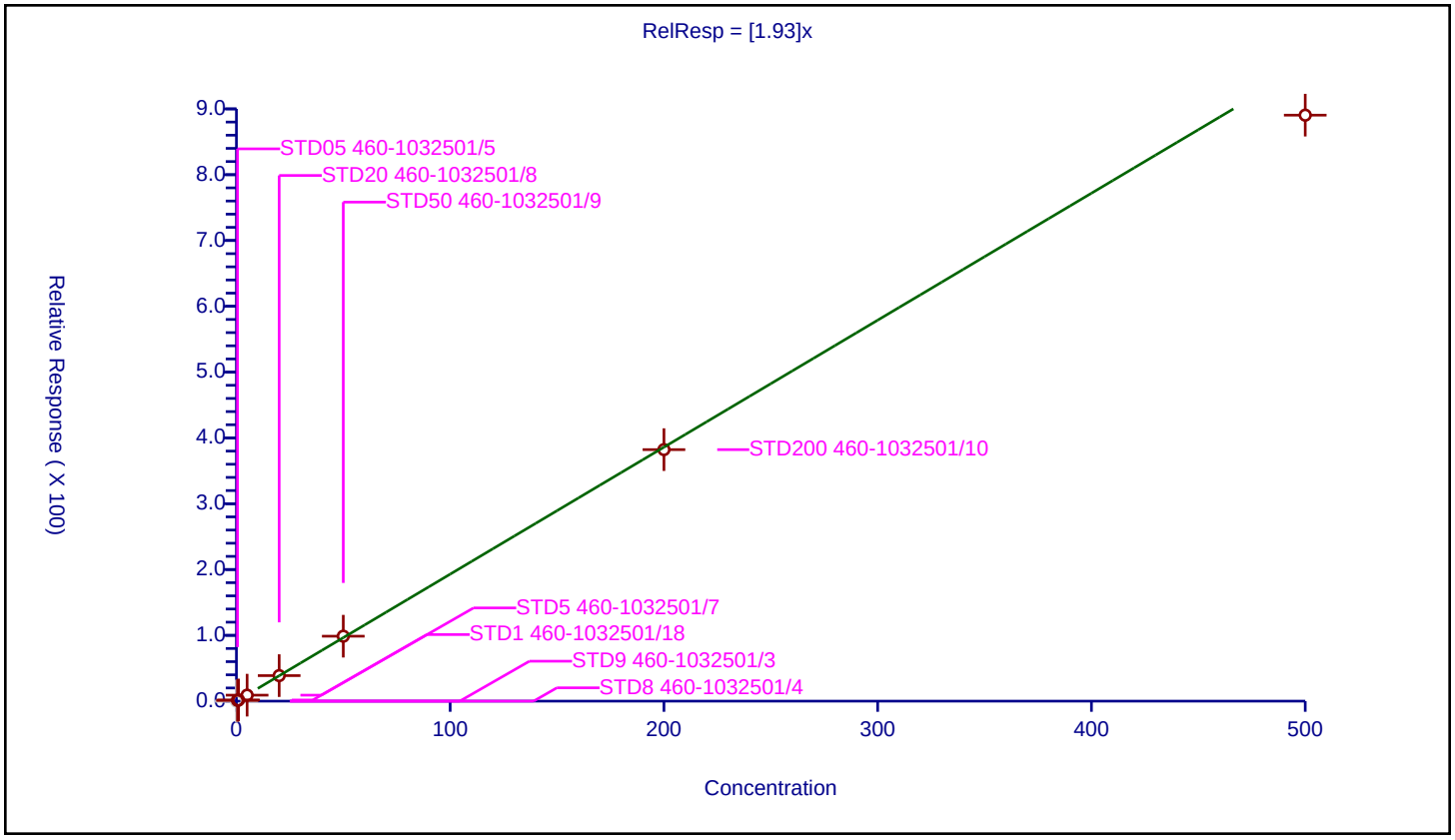
Curve Coefficients

Intercept:	0
Slope:	1.93

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	436837.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	417122.0	0.0	N
3	STD05 460-1032501/5	0.5	1.189047	50.0	418024.0	2.378093	Y
4	STD1 460-1032501/18	1.0	1.710103	50.0	395824.0	1.710103	Y
5	STD5 460-1032501/7	5.0	9.07054	50.0	415058.0	1.814108	Y
6	STD20 460-1032501/8	20.0	38.792631	50.0	427094.0	1.939632	Y
7	STD50 460-1032501/9	50.0	98.698237	50.0	426729.0	1.973965	Y
8	STD200 460-1032501/10	200.0	382.198638	50.0	447859.0	1.910993	Y
9	STD500 460-1032501/11	500.0	890.495264	50.0	466620.0	1.780991	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

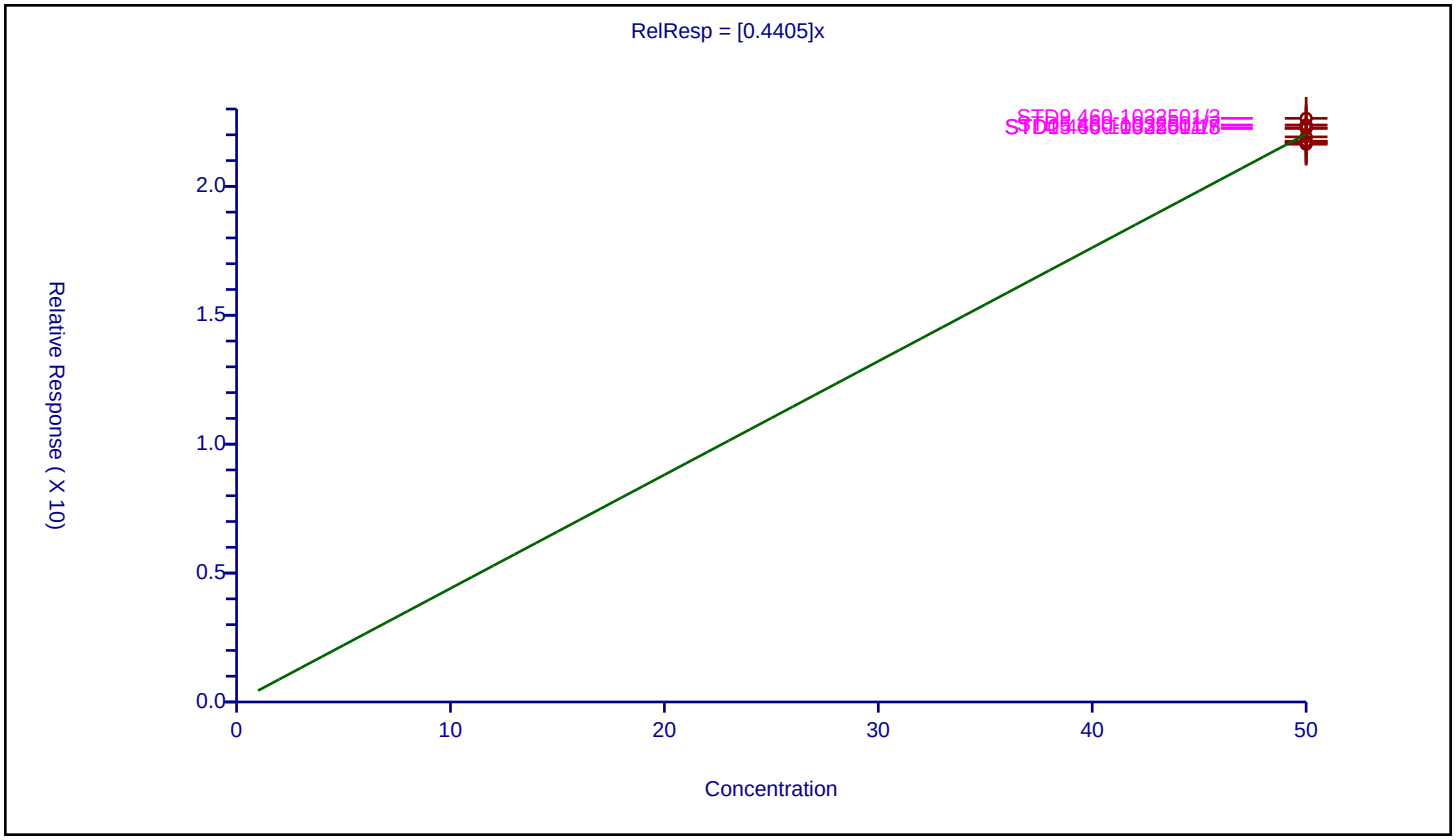
Curve Coefficients

Intercept:	0
Slope:	0.4405

Error Coefficients

Relative Standard Deviation:	1.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1032501/3	50.0	22.637741	50.0	417122.0	0.452755	Y
2	STD8 460-1032501/4	50.0	21.919503	50.0	436837.0	0.43839	Y
3	STD05 460-1032501/5	50.0	22.244536	50.0	418024.0	0.444891	Y
4	STD5 460-1032501/7	50.0	22.380366	50.0	415058.0	0.447607	Y
5	STD20 460-1032501/8	50.0	21.63505	50.0	427094.0	0.432701	Y
6	STD50 460-1032501/9	50.0	21.66949	50.0	426729.0	0.43339	Y
7	STD200 460-1032501/10	50.0	21.731728	50.0	447859.0	0.434635	Y
8	STD500 460-1032501/11	50.0	21.750354	50.0	466620.0	0.435007	Y
9	STD1 460-1032501/18	50.0	22.269494	50.0	395824.0	0.44539	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

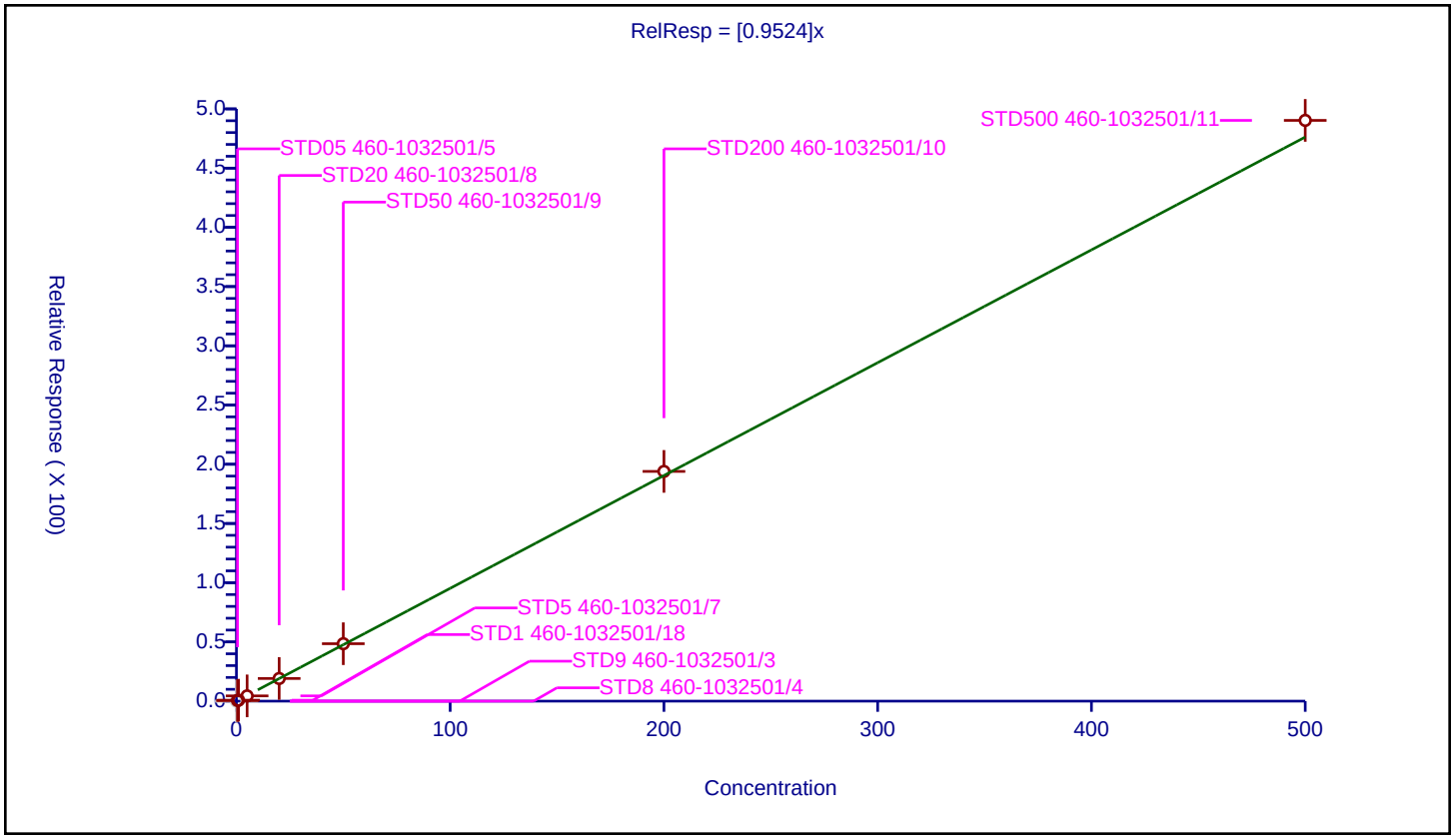
Curve Coefficients

Intercept:	0
Slope:	0.9524

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.552368	50.0	251010.0	1.104737	Y
4	STD1 460-1032501/18	1.0	0.799324	50.0	238952.0	0.799324	Y
5	STD5 460-1032501/7	5.0	4.430709	50.0	249802.0	0.886142	Y
6	STD20 460-1032501/8	20.0	19.134682	50.0	248371.0	0.956734	Y
7	STD50 460-1032501/9	50.0	48.487054	50.0	250108.0	0.969741	Y
8	STD200 460-1032501/10	200.0	193.938214	50.0	258084.0	0.969691	Y
9	STD500 460-1032501/11	500.0	490.291901	50.0	263069.0	0.980584	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

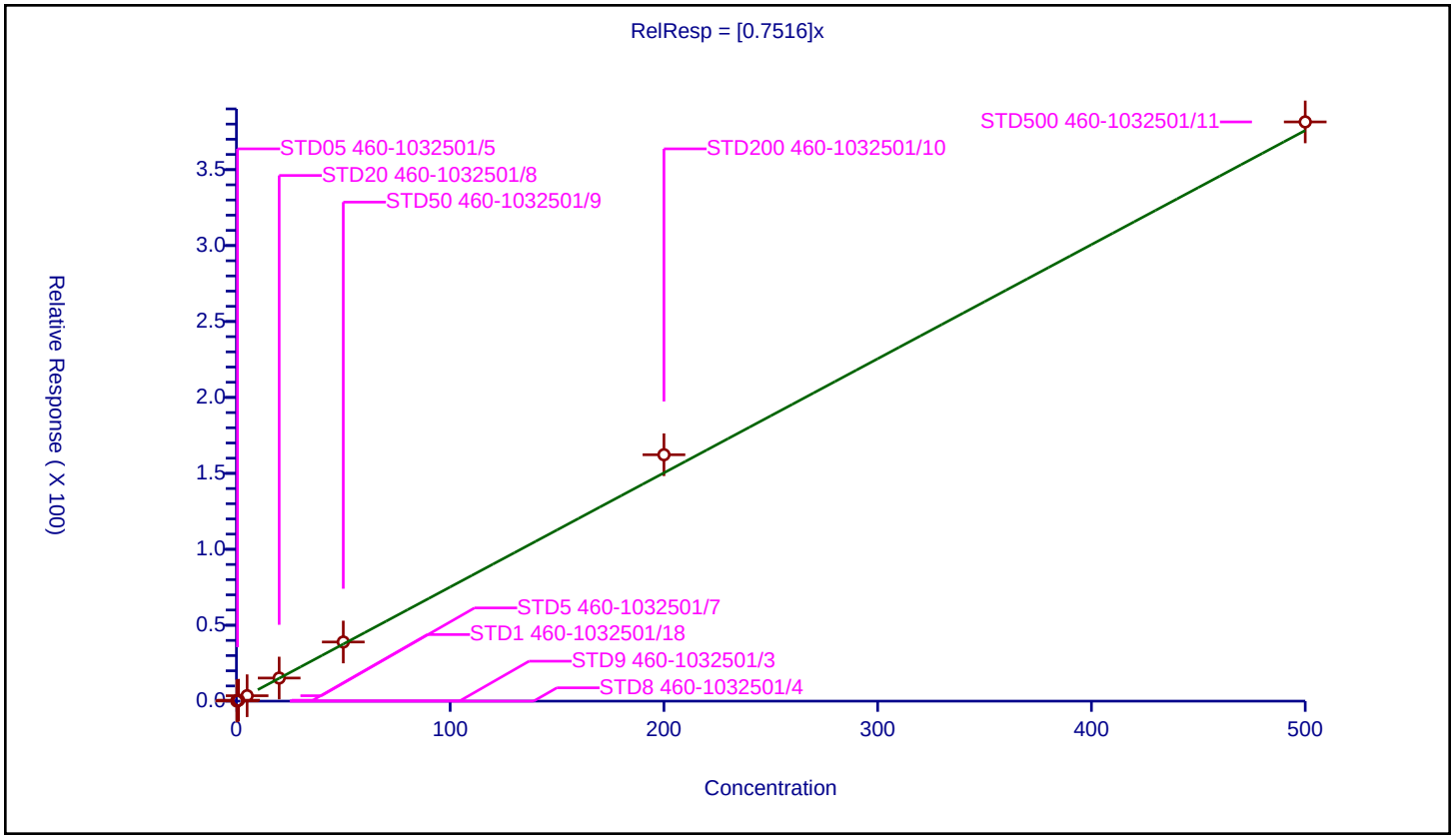
Curve Coefficients

Intercept:	0
Slope:	0.7516

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.14744	50.0	253323.0	0.737201	Y
3	STD05 460-1032501/5	0.5	0.421099	50.0	251010.0	0.842198	Y
4	STD1 460-1032501/18	1.0	0.605352	50.0	238952.0	0.605352	Y
5	STD5 460-1032501/7	5.0	3.569227	50.0	249802.0	0.713845	Y
6	STD20 460-1032501/8	20.0	15.222389	50.0	248371.0	0.761119	Y
7	STD50 460-1032501/9	50.0	38.945975	50.0	250108.0	0.77892	Y
8	STD200 460-1032501/10	200.0	162.2526	50.0	258084.0	0.811263	Y
9	STD500 460-1032501/11	500.0	381.415712	50.0	263069.0	0.762831	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

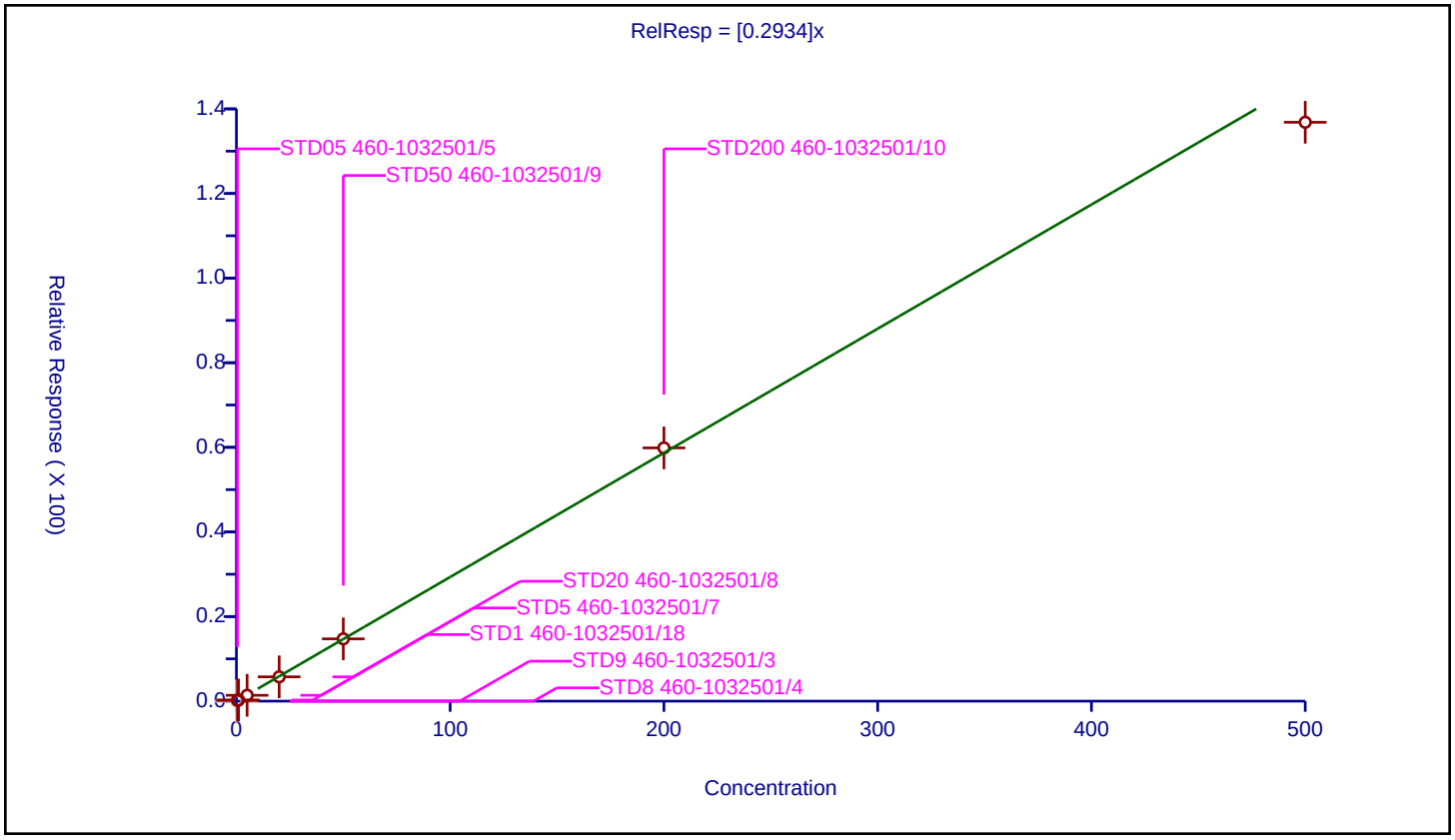
Curve Coefficients

Intercept:	0
Slope:	0.2934

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.179077	50.0	251010.0	0.358153	Y
4	STD1 460-1032501/18	1.0	0.264488	50.0	238952.0	0.264488	Y
5	STD5 460-1032501/7	5.0	1.383696	50.0	249802.0	0.276739	Y
6	STD20 460-1032501/8	20.0	5.744632	50.0	248371.0	0.287232	Y
7	STD50 460-1032501/9	50.0	14.724239	50.0	250108.0	0.294485	Y
8	STD200 460-1032501/10	200.0	59.866749	50.0	258084.0	0.299334	Y
9	STD500 460-1032501/11	500.0	136.840525	50.0	263069.0	0.273681	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

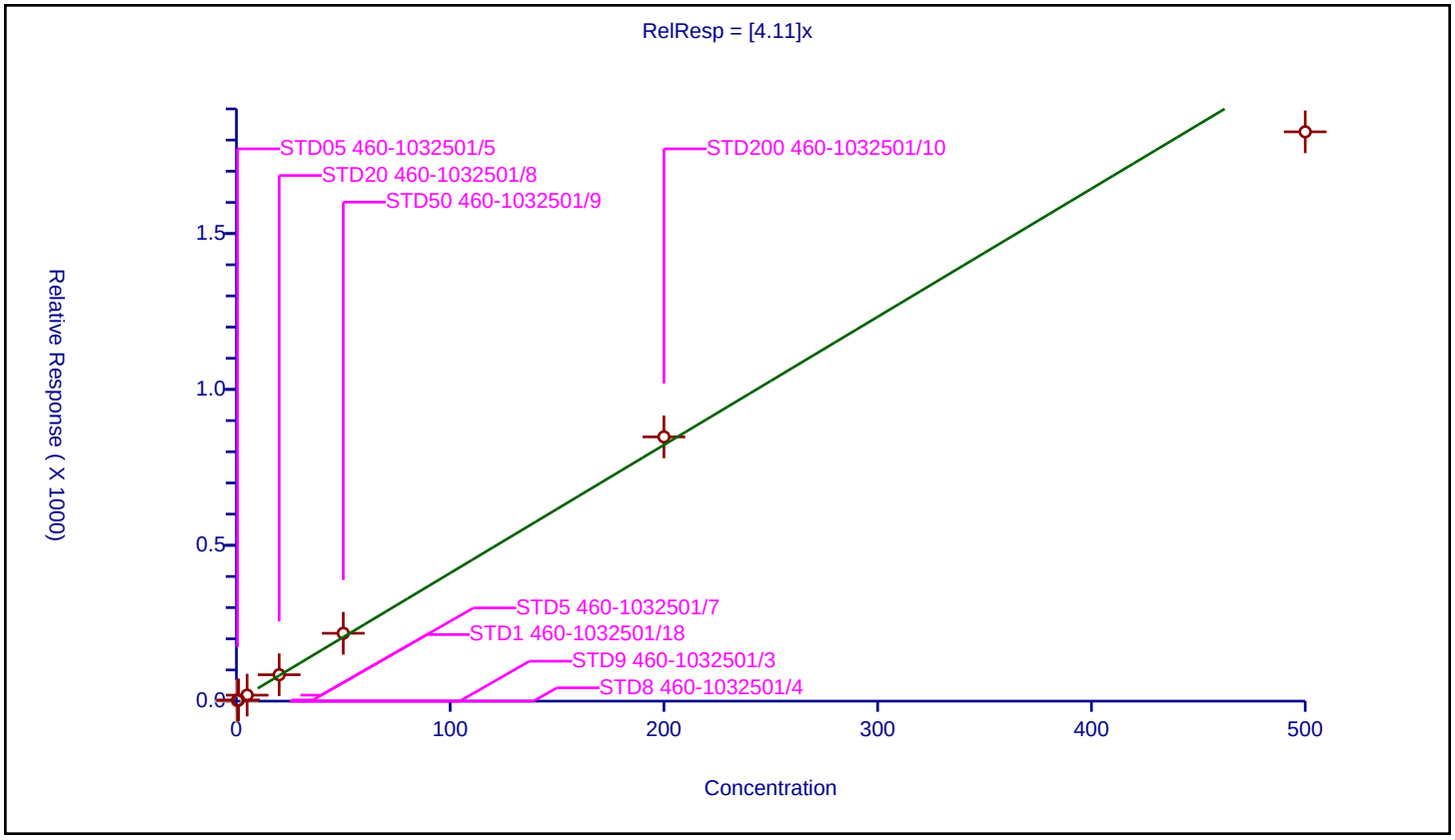
Curve Coefficients

Intercept:	0
Slope:	4.11

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	2.415242	50.0	251010.0	4.830485	Y
4	STD1 460-1032501/18	1.0	3.596957	50.0	238952.0	3.596957	Y
5	STD5 460-1032501/7	5.0	19.293681	50.0	249802.0	3.858736	Y
6	STD20 460-1032501/8	20.0	84.737349	50.0	248371.0	4.236867	Y
7	STD50 460-1032501/9	50.0	217.714347	50.0	250108.0	4.354287	Y
8	STD200 460-1032501/10	200.0	847.737171	50.0	258084.0	4.238686	Y
9	STD500 460-1032501/11	500.0	1826.456747	50.0	263069.0	3.652913	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

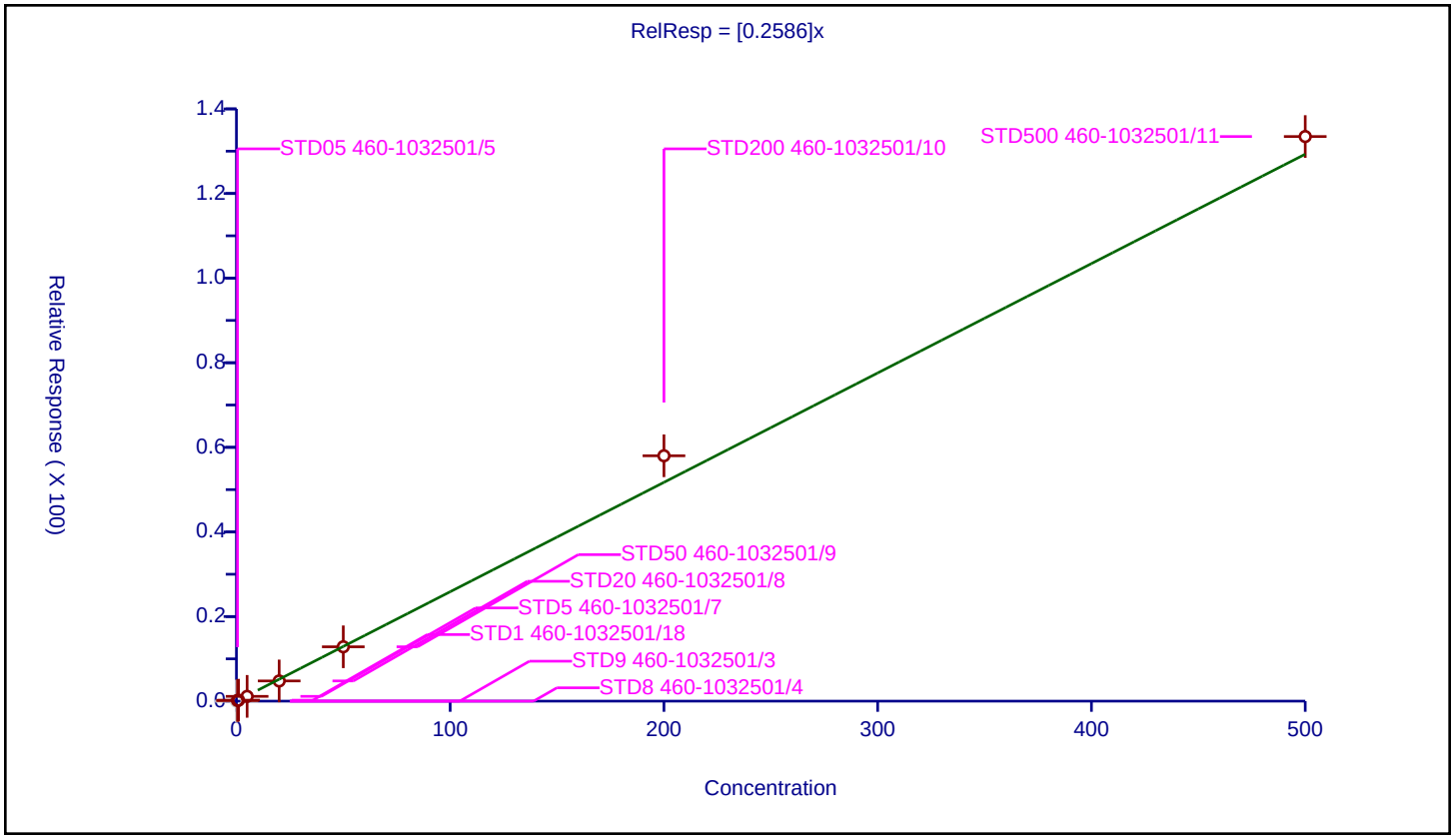
Curve Coefficients

Intercept:	0
Slope:	0.2586

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.15338	50.0	251010.0	0.306761	Y
4	STD1 460-1032501/18	1.0	0.224731	50.0	238952.0	0.224731	Y
5	STD5 460-1032501/7	5.0	1.130896	50.0	249802.0	0.226179	Y
6	STD20 460-1032501/8	20.0	4.772296	50.0	248371.0	0.238615	Y
7	STD50 460-1032501/9	50.0	12.844251	50.0	250108.0	0.256885	Y
8	STD200 460-1032501/10	200.0	57.999915	50.0	258084.0	0.29	Y
9	STD500 460-1032501/11	500.0	133.461943	50.0	263069.0	0.266924	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

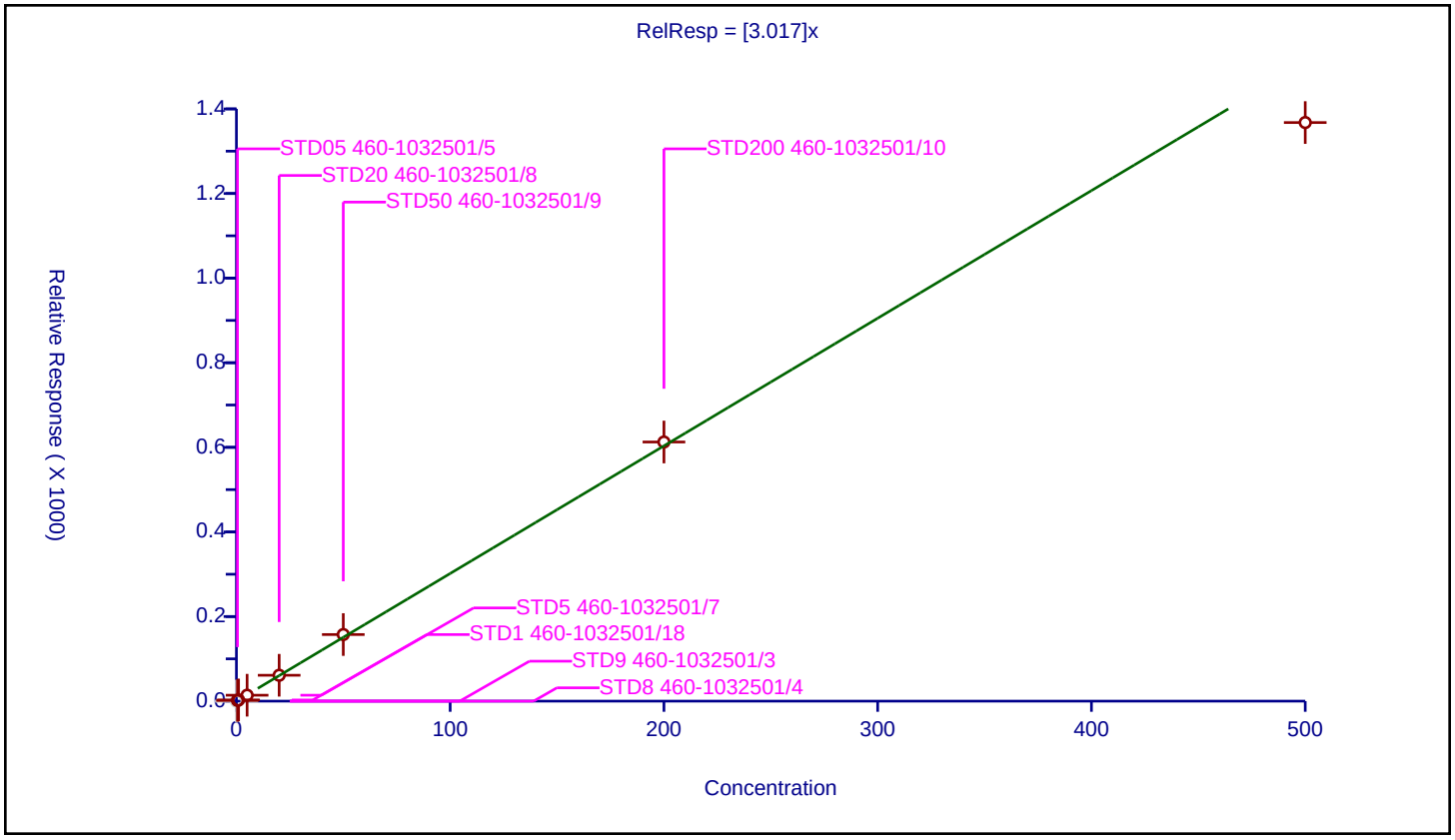
Curve Coefficients

Intercept:	0
Slope:	3.017

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.778415	50.0	251010.0	3.55683	Y
4	STD1 460-1032501/18	1.0	2.752226	50.0	238952.0	2.752226	Y
5	STD5 460-1032501/7	5.0	14.032113	50.0	249802.0	2.806423	Y
6	STD20 460-1032501/8	20.0	61.14643	50.0	248371.0	3.057322	Y
7	STD50 460-1032501/9	50.0	157.450581	50.0	250108.0	3.149012	Y
8	STD200 460-1032501/10	200.0	612.567032	50.0	258084.0	3.062835	Y
9	STD500 460-1032501/11	500.0	1367.720826	50.0	263069.0	2.735442	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

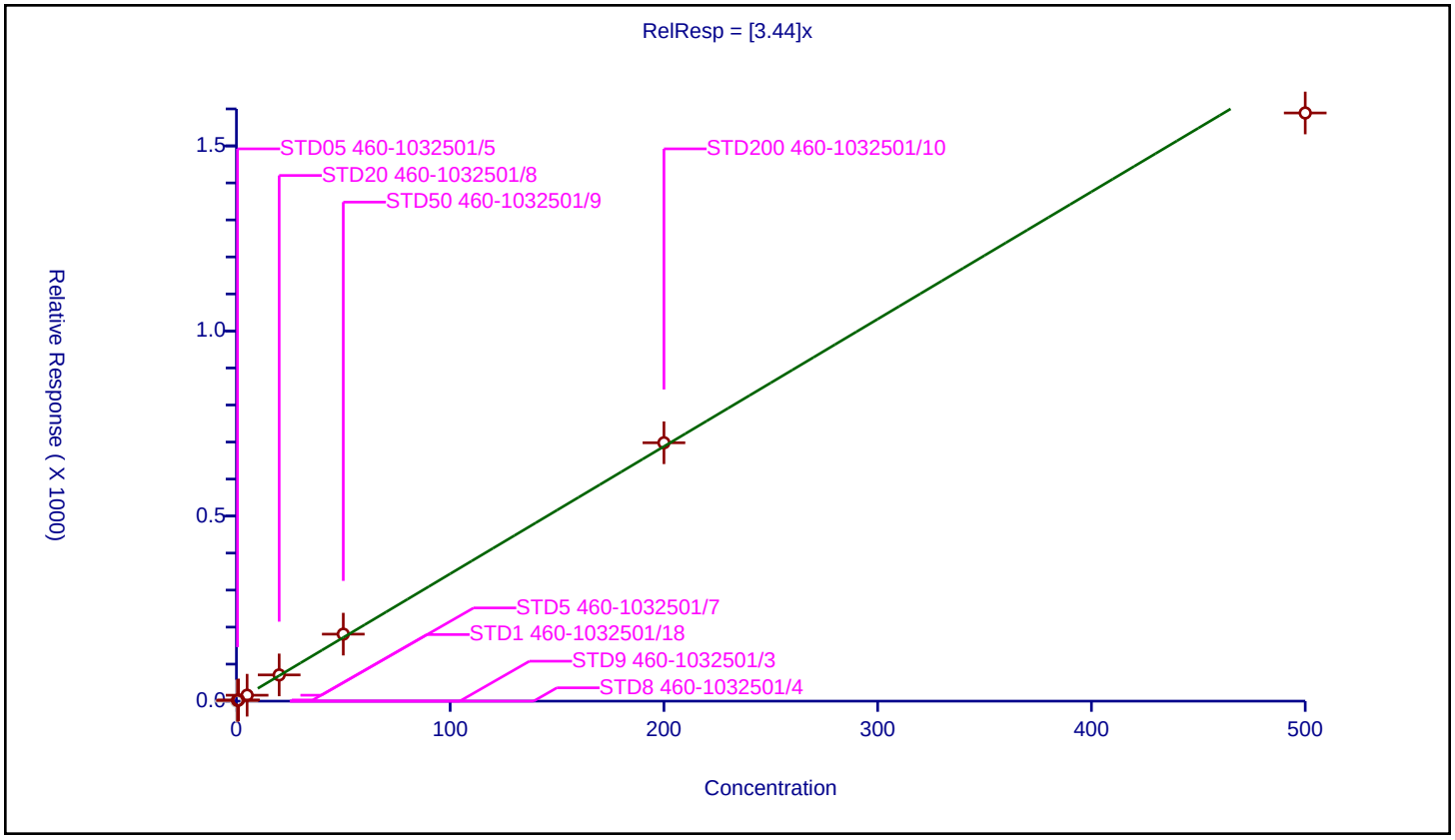
Curve Coefficients

Intercept:	0
Slope:	3.44

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.94813	50.0	251010.0	3.896259	Y
4	STD1 460-1032501/18	1.0	3.14875	50.0	238952.0	3.14875	Y
5	STD5 460-1032501/7	5.0	16.029896	50.0	249802.0	3.205979	Y
6	STD20 460-1032501/8	20.0	70.834961	50.0	248371.0	3.541748	Y
7	STD50 460-1032501/9	50.0	181.015002	50.0	250108.0	3.6203	Y
8	STD200 460-1032501/10	200.0	698.023512	50.0	258084.0	3.490118	Y
9	STD500 460-1032501/11	500.0	1588.991481	50.0	263069.0	3.177983	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

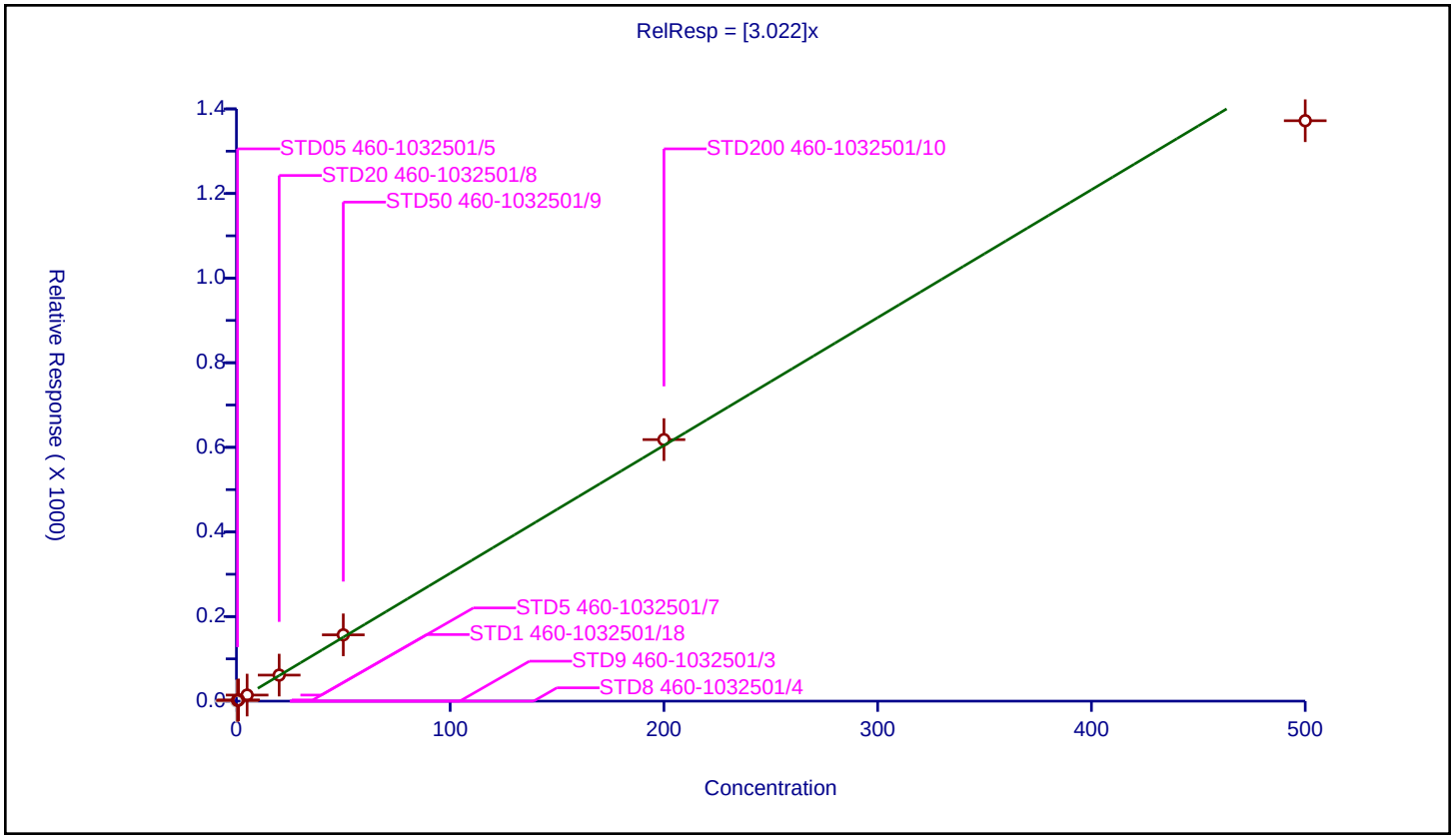
Curve Coefficients

Intercept:	0
Slope:	3.022

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.704713	50.0	251010.0	3.409426	Y
4	STD1 460-1032501/18	1.0	2.827346	50.0	238952.0	2.827346	Y
5	STD5 460-1032501/7	5.0	14.354769	50.0	249802.0	2.870954	Y
6	STD20 460-1032501/8	20.0	61.553885	50.0	248371.0	3.077694	Y
7	STD50 460-1032501/9	50.0	156.709102	50.0	250108.0	3.134182	Y
8	STD200 460-1032501/10	200.0	618.242898	50.0	258084.0	3.091214	Y
9	STD500 460-1032501/11	500.0	1372.034143	50.0	263069.0	2.744068	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

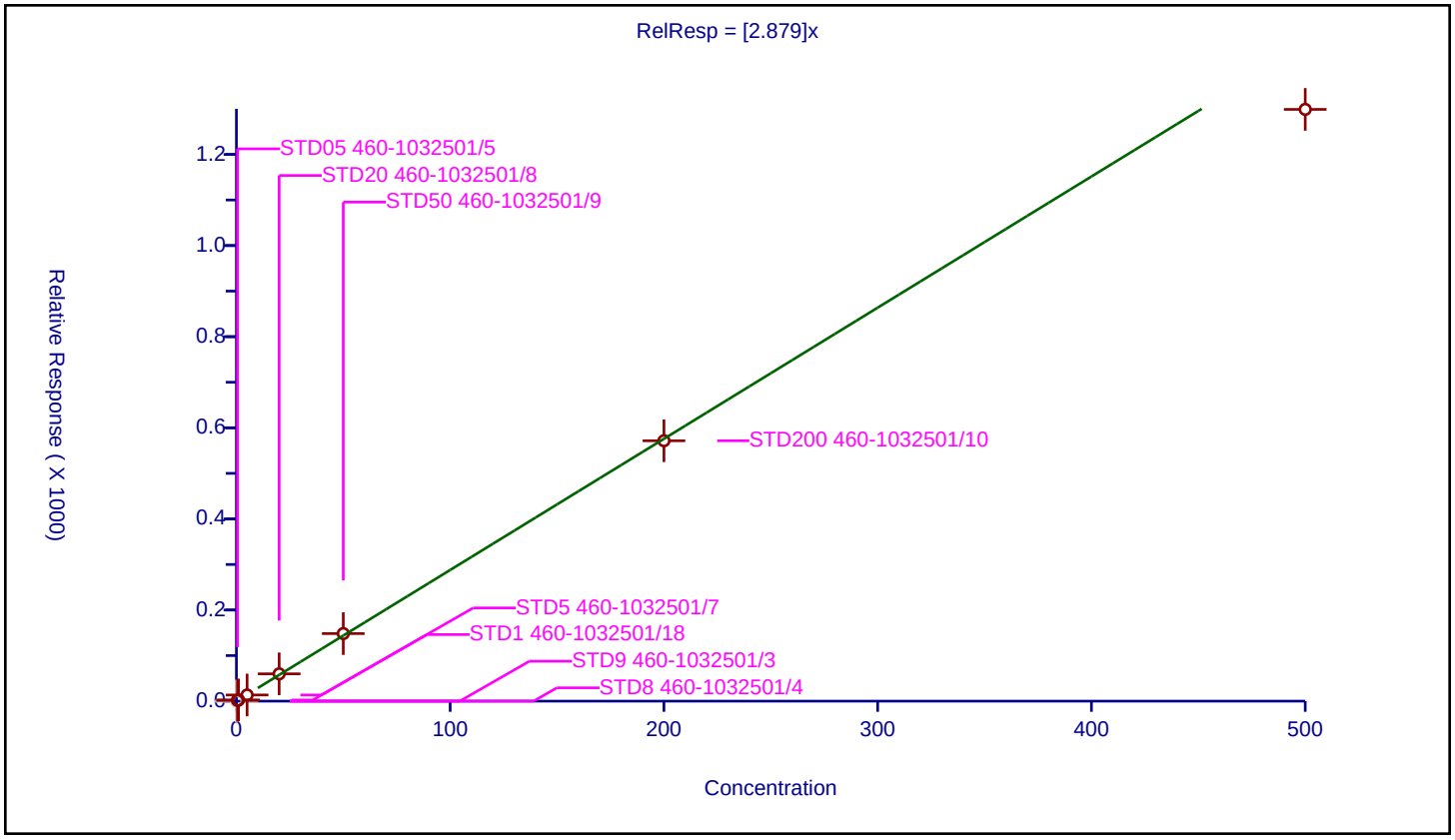
Curve Coefficients

Intercept:	0
Slope:	2.879

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.744552	50.0	251010.0	3.489104	Y
4	STD1 460-1032501/18	1.0	2.538585	50.0	238952.0	2.538585	Y
5	STD5 460-1032501/7	5.0	13.532518	50.0	249802.0	2.706504	Y
6	STD20 460-1032501/8	20.0	59.927689	50.0	248371.0	2.996384	Y
7	STD50 460-1032501/9	50.0	148.31053	50.0	250108.0	2.966211	Y
8	STD200 460-1032501/10	200.0	571.581346	50.0	258084.0	2.857907	Y
9	STD500 460-1032501/11	500.0	1298.892496	50.0	263069.0	2.597785	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

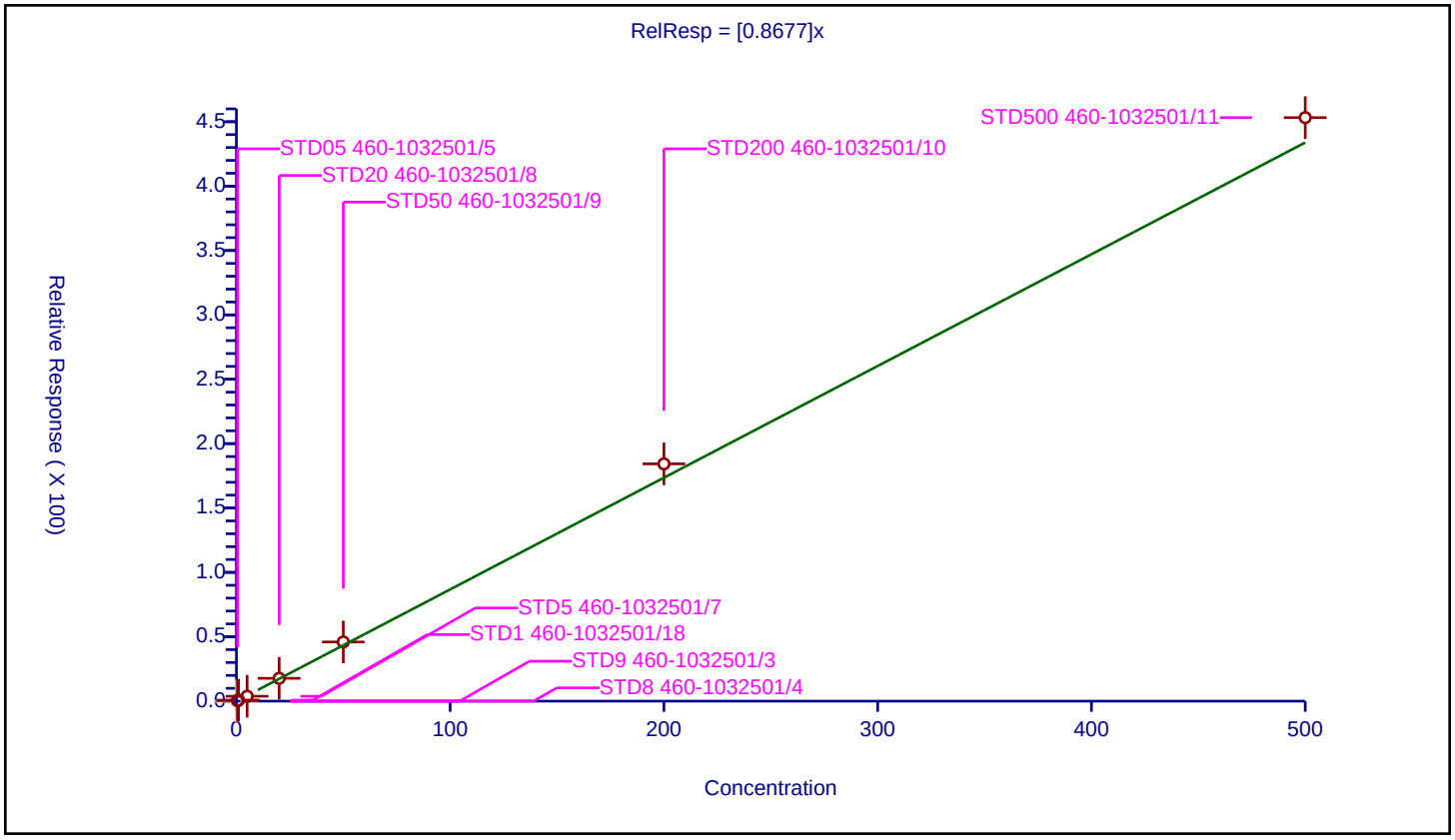
Curve Coefficients

Intercept:	0
Slope:	0.8677

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.456356	50.0	251010.0	0.912713	Y
4	STD1 460-1032501/18	1.0	0.765216	50.0	238952.0	0.765216	Y
5	STD5 460-1032501/7	5.0	3.812019	50.0	249802.0	0.762404	Y
6	STD20 460-1032501/8	20.0	17.726506	50.0	248371.0	0.886325	Y
7	STD50 460-1032501/9	50.0	45.963944	50.0	250108.0	0.919279	Y
8	STD200 460-1032501/10	200.0	184.290386	50.0	258084.0	0.921452	Y
9	STD500 460-1032501/11	500.0	453.211895	50.0	263069.0	0.906424	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

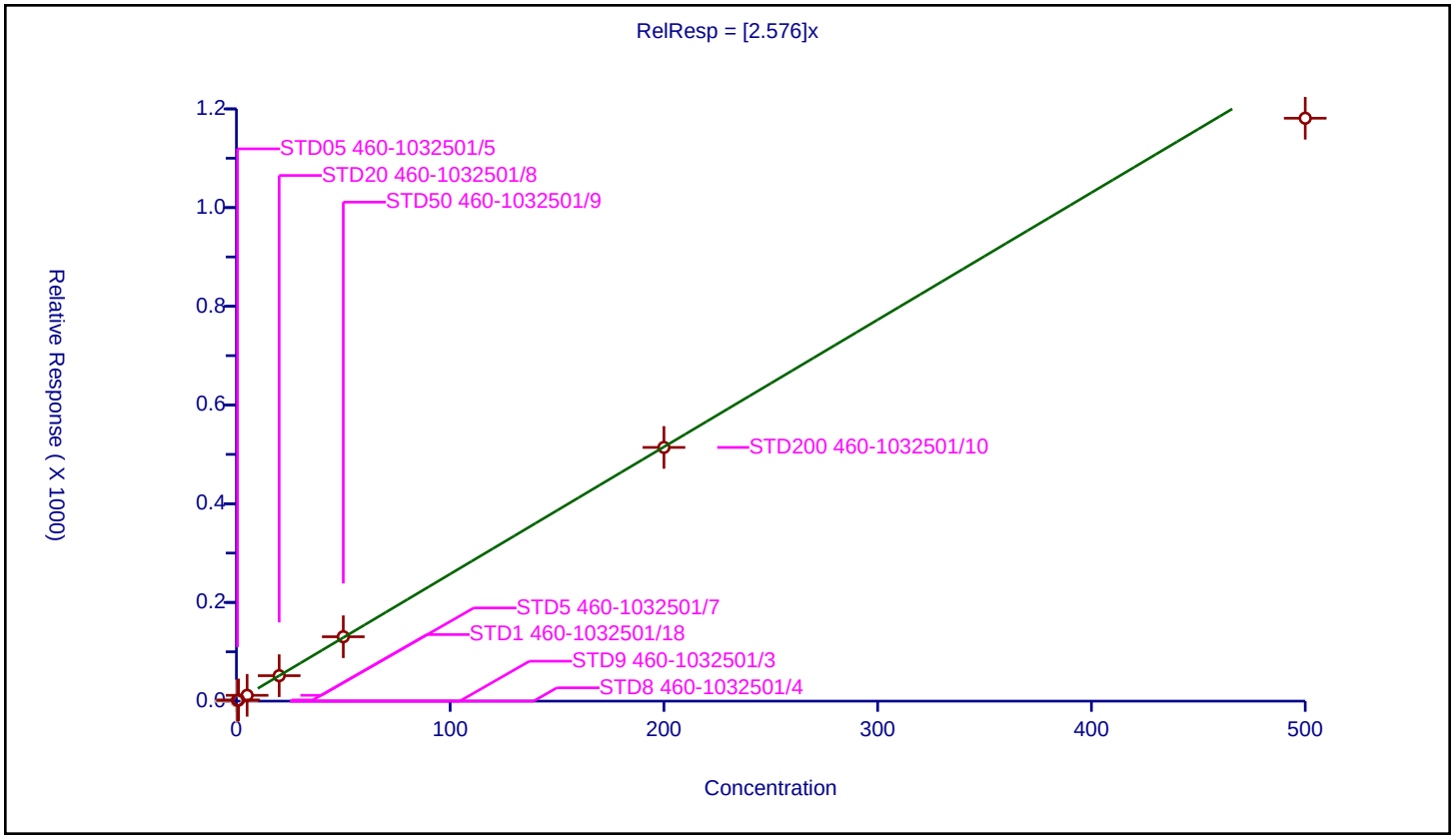
Curve Coefficients

Intercept:	0
Slope:	2.576

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.615274	50.0	251010.0	3.230549	Y
4	STD1 460-1032501/18	1.0	2.319294	50.0	238952.0	2.319294	Y
5	STD5 460-1032501/7	5.0	11.807351	50.0	249802.0	2.36147	Y
6	STD20 460-1032501/8	20.0	51.549295	50.0	248371.0	2.577465	Y
7	STD50 460-1032501/9	50.0	130.455043	50.0	250108.0	2.609101	Y
8	STD200 460-1032501/10	200.0	514.099286	50.0	258084.0	2.570496	Y
9	STD500 460-1032501/11	500.0	1181.122823	50.0	263069.0	2.362246	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

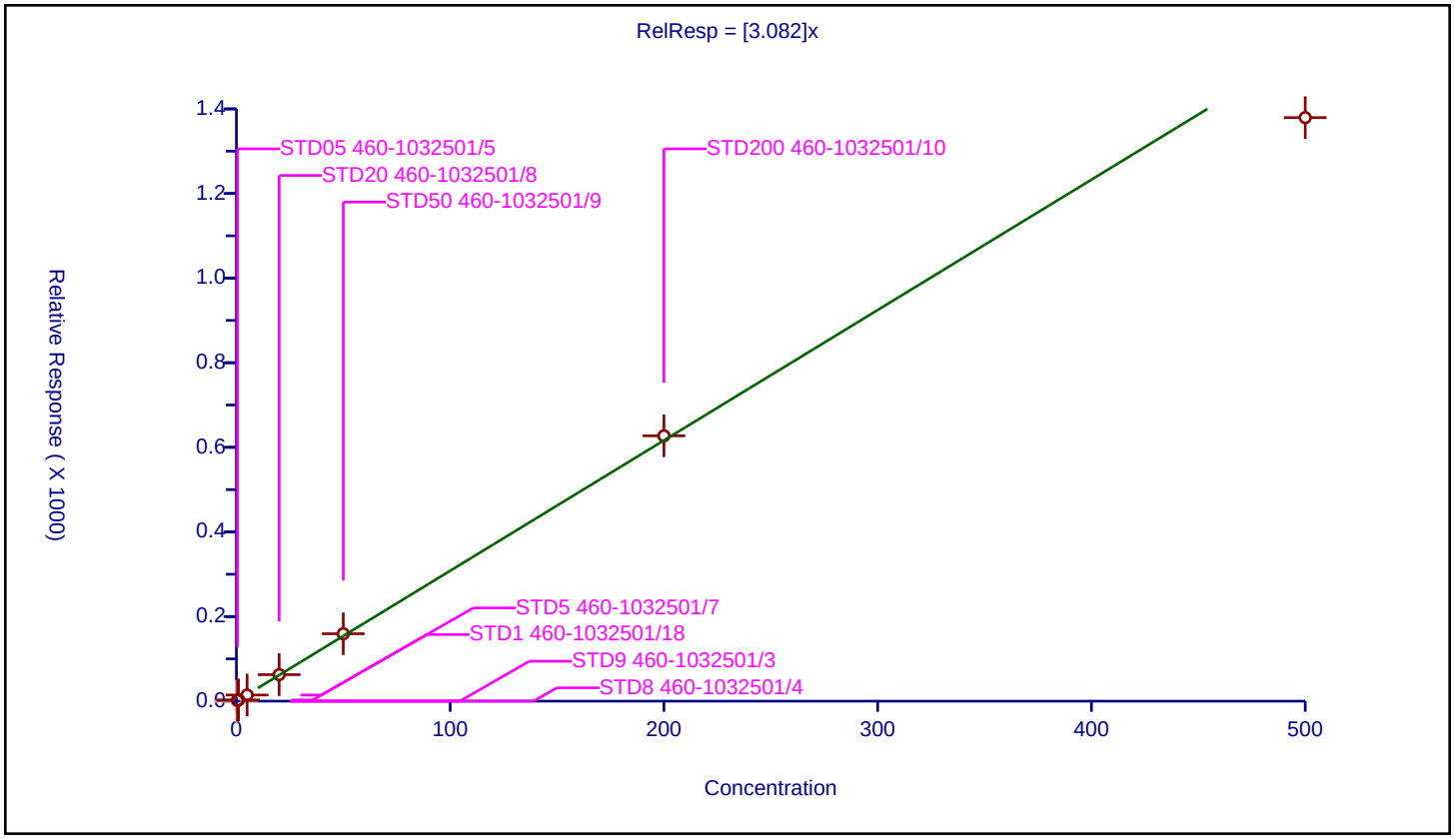
Curve Coefficients

Intercept:	0
Slope:	3.082

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.840963	50.0	251010.0	3.681925	Y
4	STD1 460-1032501/18	1.0	2.774825	50.0	238952.0	2.774825	Y
5	STD5 460-1032501/7	5.0	14.515296	50.0	249802.0	2.903059	Y
6	STD20 460-1032501/8	20.0	62.628689	50.0	248371.0	3.131434	Y
7	STD50 460-1032501/9	50.0	159.344363	50.0	250108.0	3.186887	Y
8	STD200 460-1032501/10	200.0	627.146975	50.0	258084.0	3.135735	Y
9	STD500 460-1032501/11	500.0	1379.317974	50.0	263069.0	2.758636	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

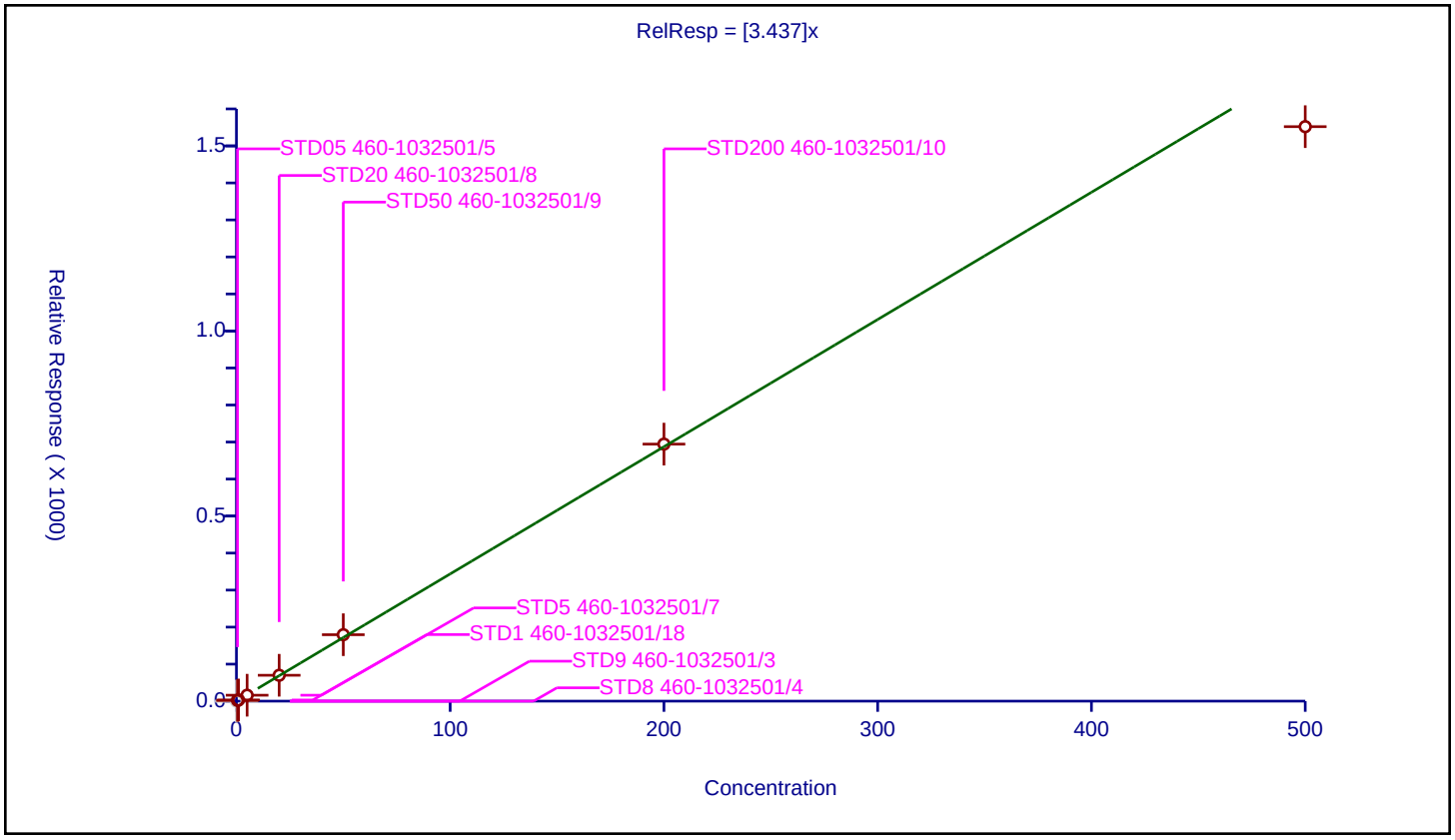
Curve Coefficients

Intercept:	0
Slope:	3.437

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	2.051114	50.0	251010.0	4.102227	Y
4	STD1 460-1032501/18	1.0	3.091416	50.0	238952.0	3.091416	Y
5	STD5 460-1032501/7	5.0	16.017886	50.0	249802.0	3.203577	Y
6	STD20 460-1032501/8	20.0	69.890003	50.0	248371.0	3.4945	Y
7	STD50 460-1032501/9	50.0	179.452676	50.0	250108.0	3.589054	Y
8	STD200 460-1032501/10	200.0	694.415384	50.0	258084.0	3.472077	Y
9	STD500 460-1032501/11	500.0	1552.023233	50.0	263069.0	3.104046	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

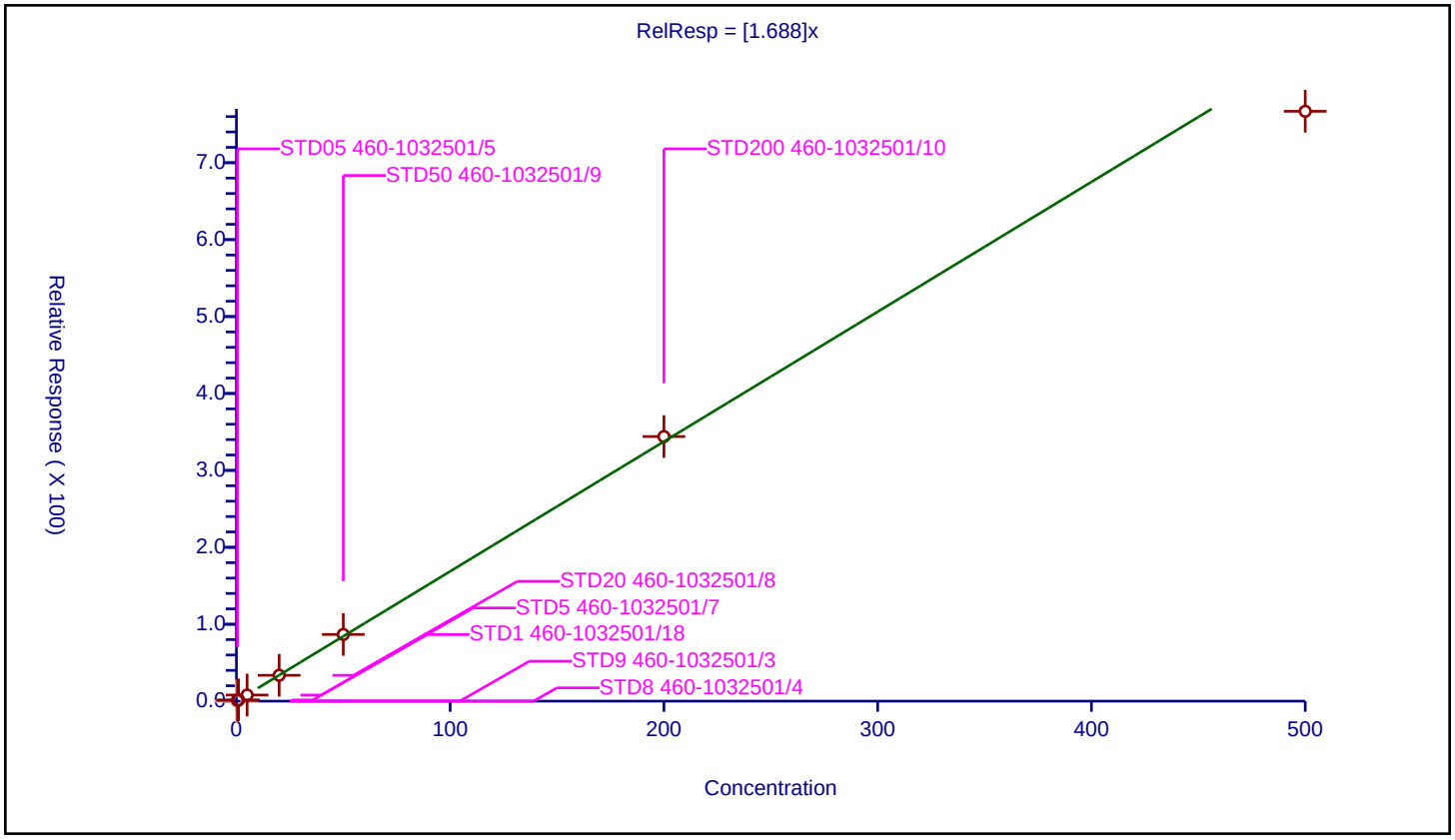
Curve Coefficients

Intercept:	0
Slope:	1.688

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.003147	50.0	251010.0	2.006295	Y
4	STD1 460-1032501/18	1.0	1.546126	50.0	238952.0	1.546126	Y
5	STD5 460-1032501/7	5.0	7.962706	50.0	249802.0	1.592541	Y
6	STD20 460-1032501/8	20.0	33.620471	50.0	248371.0	1.681024	Y
7	STD50 460-1032501/9	50.0	86.687151	50.0	250108.0	1.733743	Y
8	STD200 460-1032501/10	200.0	343.996335	50.0	258084.0	1.719982	Y
9	STD500 460-1032501/11	500.0	766.866868	50.0	263069.0	1.533734	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

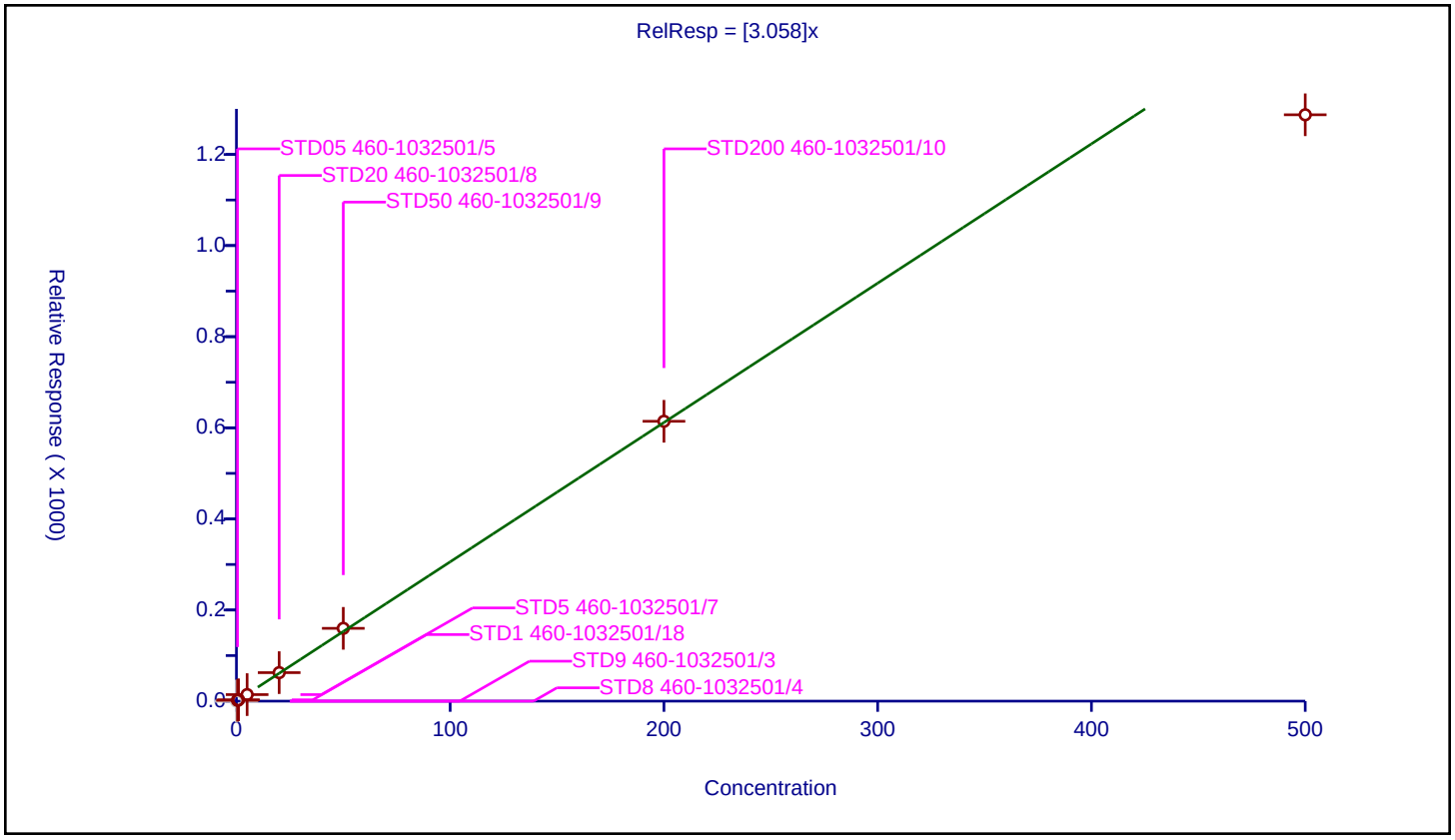
Curve Coefficients

Intercept:	0
Slope:	3.058

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.843751	50.0	251010.0	3.687502	Y
4	STD1 460-1032501/18	1.0	2.878612	50.0	238952.0	2.878612	Y
5	STD5 460-1032501/7	5.0	14.345562	50.0	249802.0	2.869112	Y
6	STD20 460-1032501/8	20.0	62.592855	50.0	248371.0	3.129643	Y
7	STD50 460-1032501/9	50.0	159.800766	50.0	250108.0	3.196015	Y
8	STD200 460-1032501/10	200.0	614.313944	50.0	258084.0	3.07157	Y
9	STD500 460-1032501/11	500.0	1287.06385	50.0	263069.0	2.574128	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

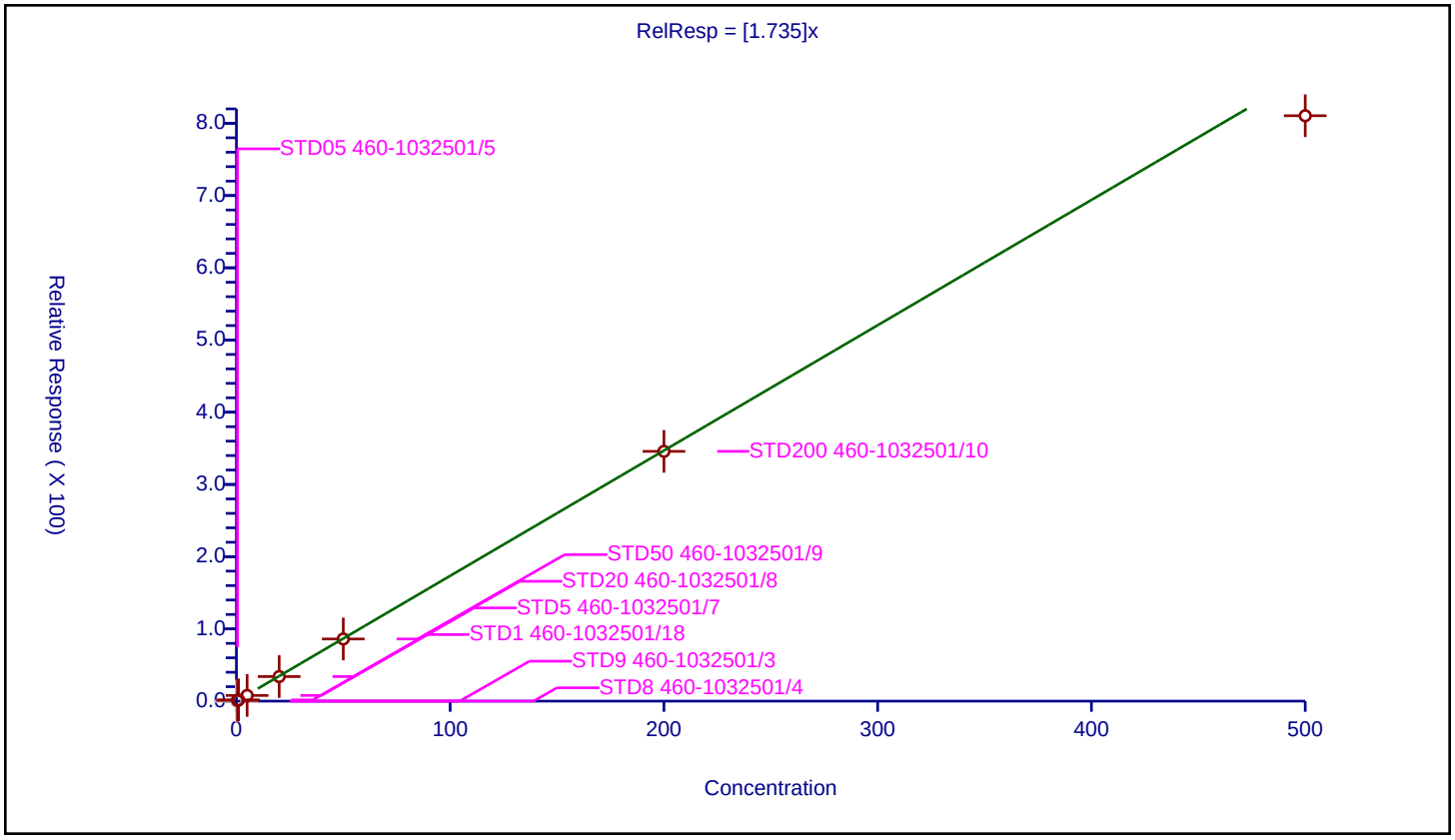
Curve Coefficients

Intercept:	0
Slope:	1.735

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.047568	50.0	251010.0	2.095136	Y
4	STD1 460-1032501/18	1.0	1.705154	50.0	238952.0	1.705154	Y
5	STD5 460-1032501/7	5.0	7.856422	50.0	249802.0	1.571284	Y
6	STD20 460-1032501/8	20.0	34.021685	50.0	248371.0	1.701084	Y
7	STD50 460-1032501/9	50.0	86.060222	50.0	250108.0	1.721204	Y
8	STD200 460-1032501/10	200.0	345.849026	50.0	258084.0	1.729245	Y
9	STD500 460-1032501/11	500.0	810.505609	50.0	263069.0	1.621011	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

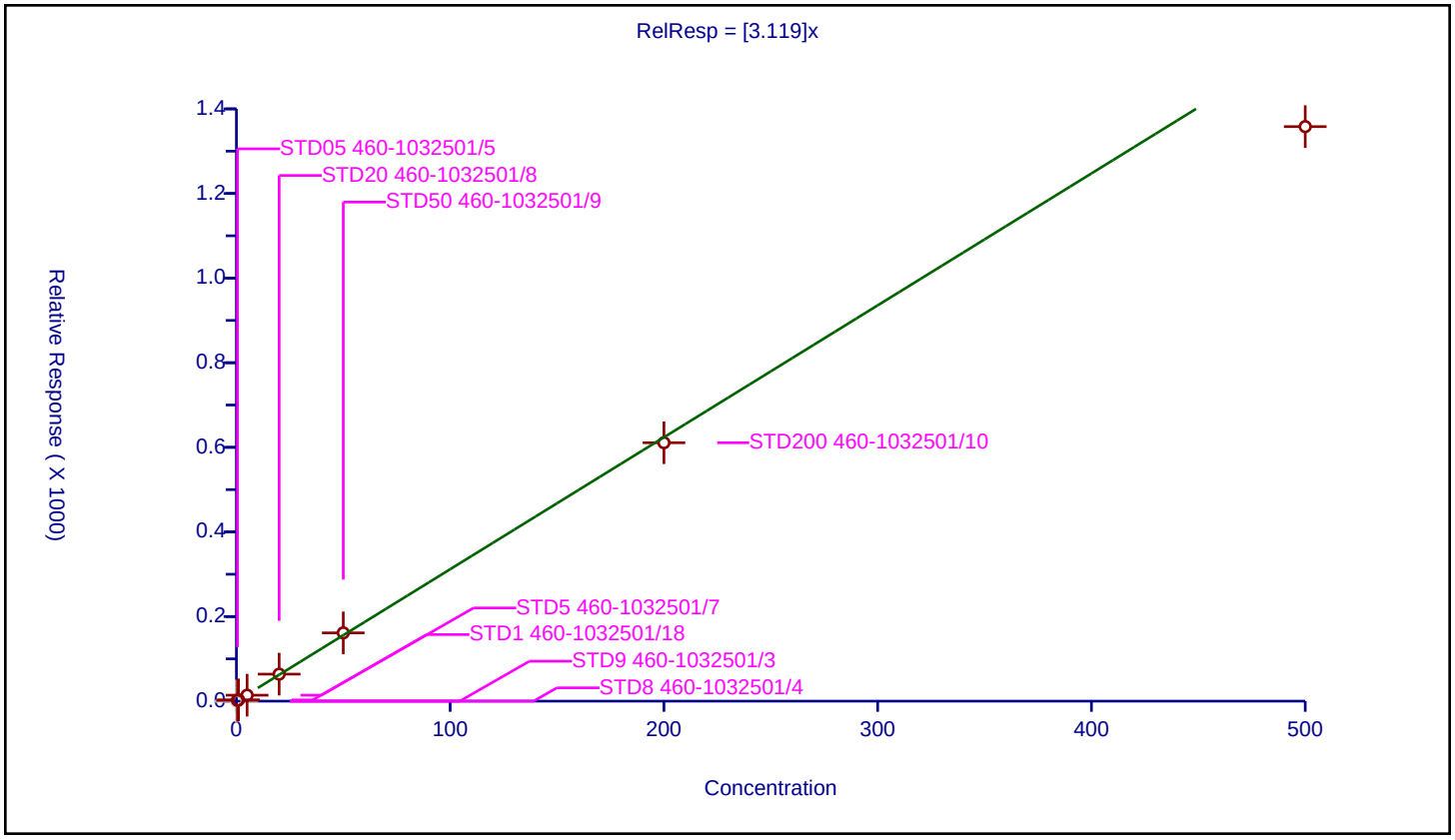
Curve Coefficients

Intercept:	0
Slope:	3.119

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.934584	50.0	251010.0	3.869169	Y
4	STD1 460-1032501/18	1.0	2.958335	50.0	238952.0	2.958335	Y
5	STD5 460-1032501/7	5.0	14.057133	50.0	249802.0	2.811427	Y
6	STD20 460-1032501/8	20.0	63.847631	50.0	248371.0	3.192382	Y
7	STD50 460-1032501/9	50.0	161.394078	50.0	250108.0	3.227882	Y
8	STD200 460-1032501/10	200.0	610.839688	50.0	258084.0	3.054198	Y
9	STD500 460-1032501/11	500.0	1358.078109	50.0	263069.0	2.716156	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

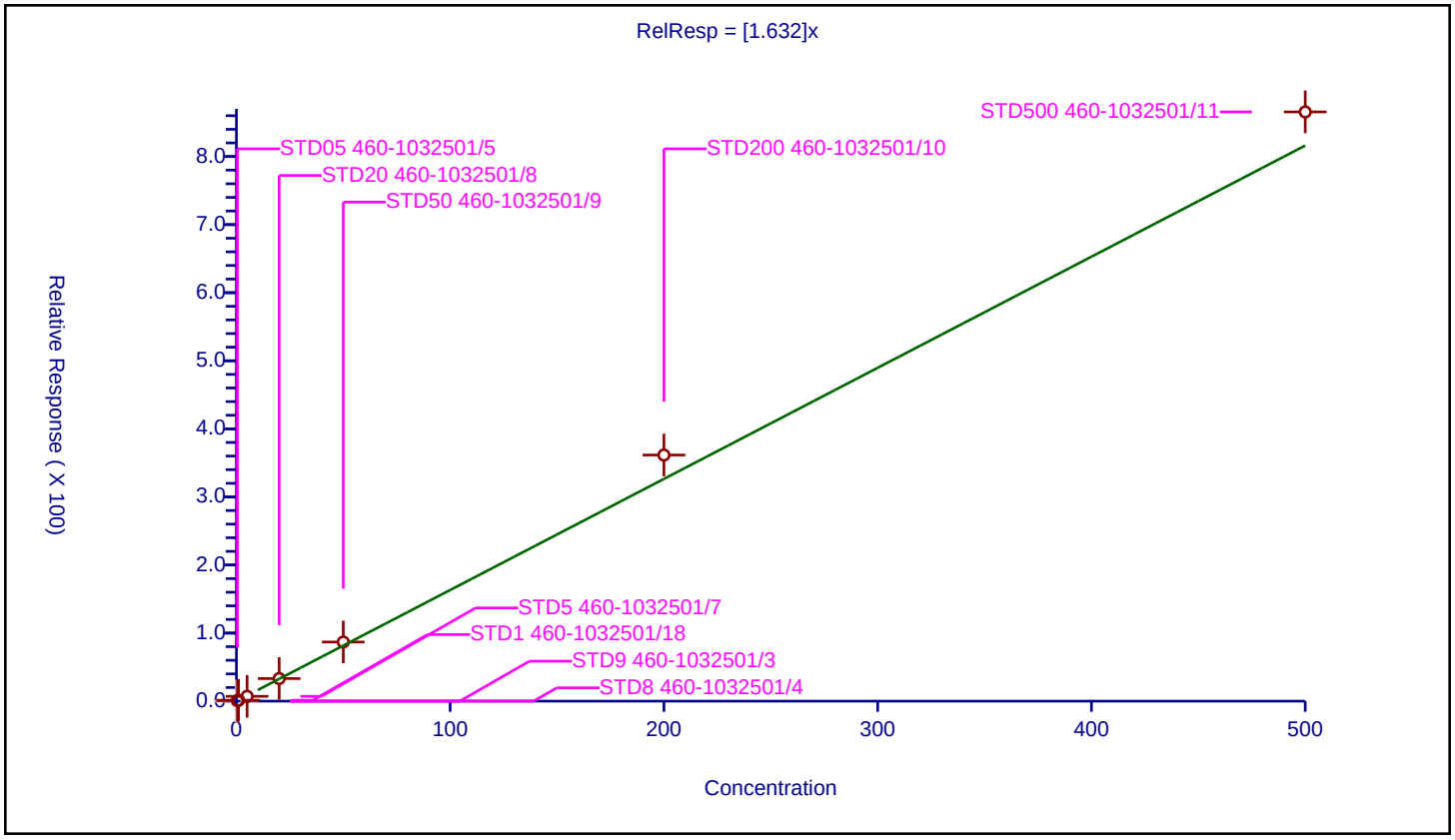
Curve Coefficients

Intercept:	0
Slope:	1.632

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.889208	50.0	251010.0	1.778415	Y
4	STD1 460-1032501/18	1.0	1.290845	50.0	238952.0	1.290845	Y
5	STD5 460-1032501/7	5.0	7.111632	50.0	249802.0	1.422326	Y
6	STD20 460-1032501/8	20.0	33.158461	50.0	248371.0	1.657923	Y
7	STD50 460-1032501/9	50.0	86.845083	50.0	250108.0	1.736902	Y
8	STD200 460-1032501/10	200.0	361.531904	50.0	258084.0	1.80766	Y
9	STD500 460-1032501/11	500.0	865.533377	50.0	263069.0	1.731067	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

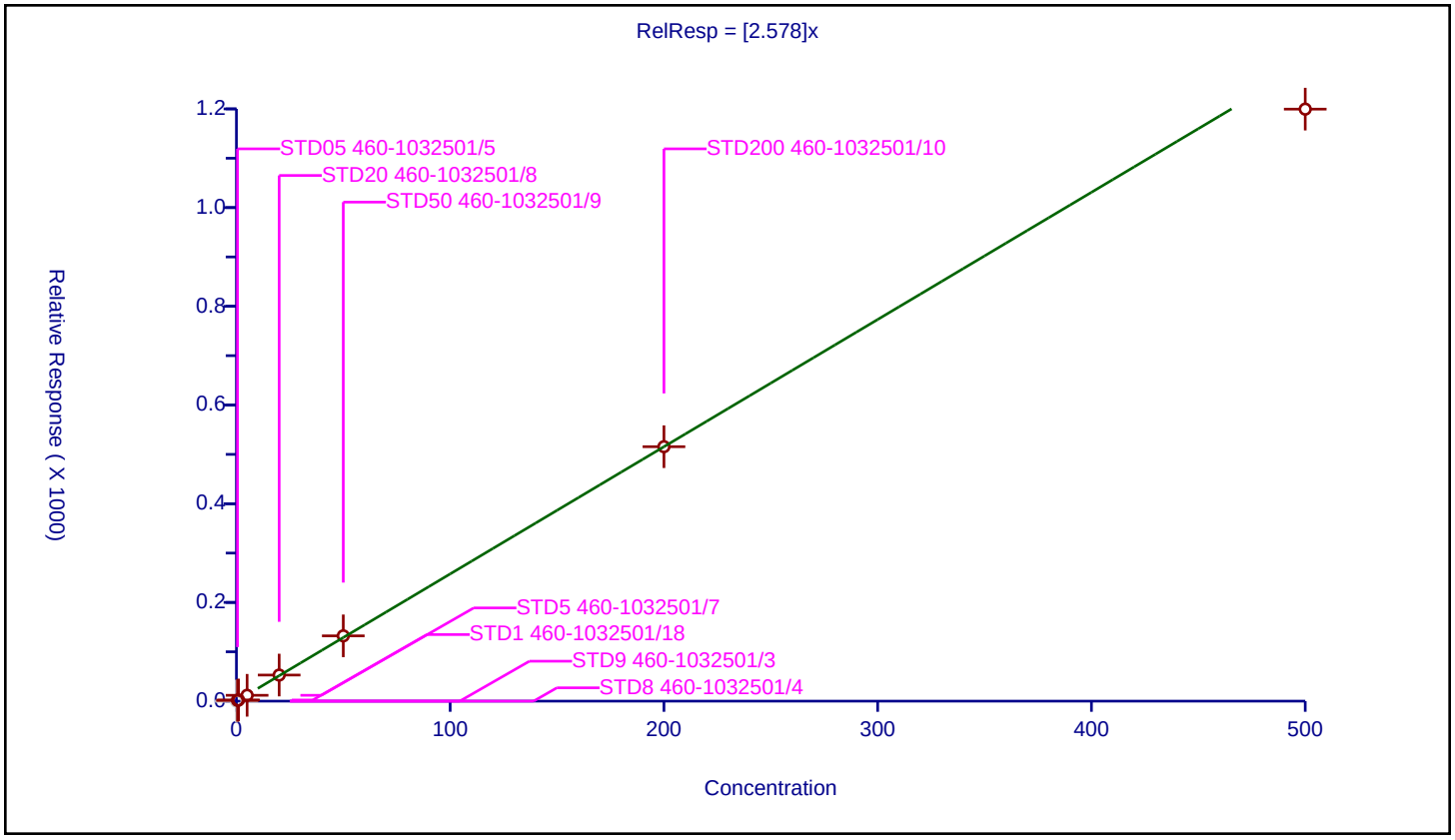
Curve Coefficients

Intercept:	0
Slope:	2.578

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.565475	50.0	251010.0	3.130951	Y
4	STD1 460-1032501/18	1.0	2.272423	50.0	238952.0	2.272423	Y
5	STD5 460-1032501/7	5.0	11.867199	50.0	249802.0	2.37344	Y
6	STD20 460-1032501/8	20.0	52.851782	50.0	248371.0	2.642589	Y
7	STD50 460-1032501/9	50.0	132.308043	50.0	250108.0	2.646161	Y
8	STD200 460-1032501/10	200.0	515.583105	50.0	258084.0	2.577916	Y
9	STD500 460-1032501/11	500.0	1199.512105	50.0	263069.0	2.399024	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

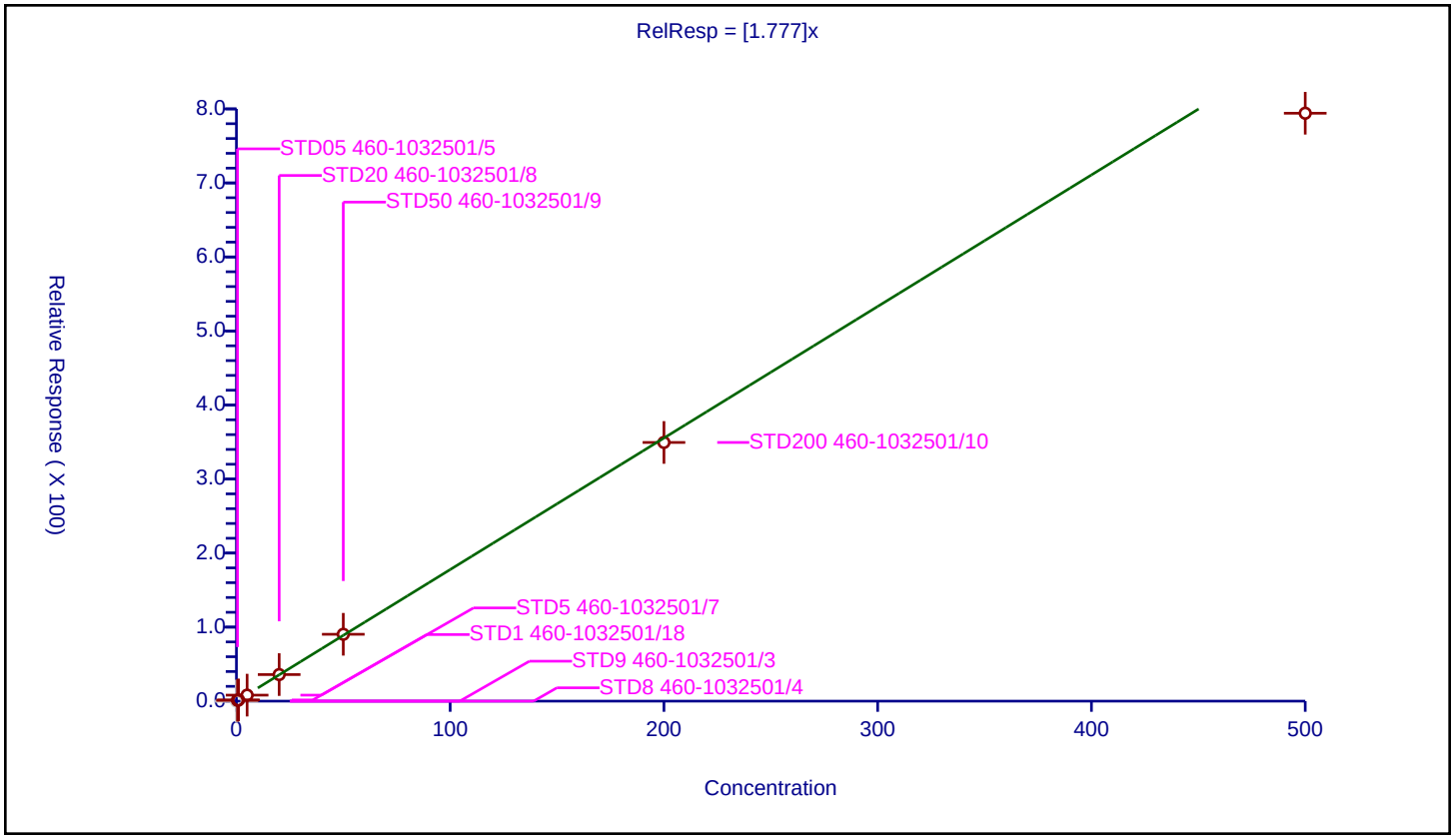
Curve Coefficients

Intercept:	0
Slope:	1.777

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.144178	50.0	251010.0	2.288355	Y
4	STD1 460-1032501/18	1.0	1.592789	50.0	238952.0	1.592789	Y
5	STD5 460-1032501/7	5.0	8.105219	50.0	249802.0	1.621044	Y
6	STD20 460-1032501/8	20.0	35.903346	50.0	248371.0	1.795167	Y
7	STD50 460-1032501/9	50.0	90.317583	50.0	250108.0	1.806352	Y
8	STD200 460-1032501/10	200.0	349.436811	50.0	258084.0	1.747184	Y
9	STD500 460-1032501/11	500.0	794.142411	50.0	263069.0	1.588285	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

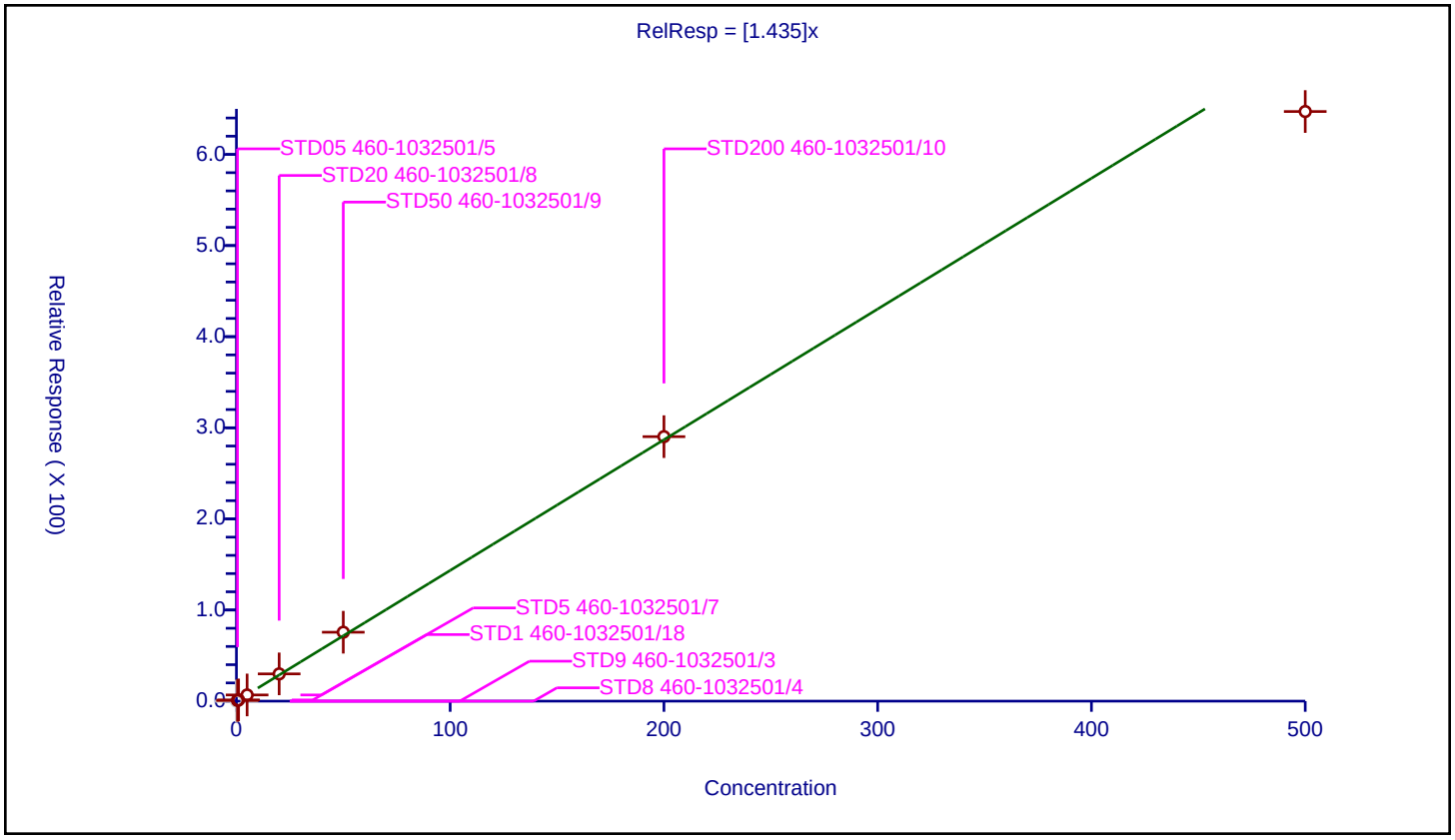
Curve Coefficients

Intercept:	0
Slope:	1.435

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.816302	50.0	251010.0	1.632604	Y
4	STD1 460-1032501/18	1.0	1.297959	50.0	238952.0	1.297959	Y
5	STD5 460-1032501/7	5.0	6.785374	50.0	249802.0	1.357075	Y
6	STD20 460-1032501/8	20.0	29.910094	50.0	248371.0	1.495505	Y
7	STD50 460-1032501/9	50.0	75.64872	50.0	250108.0	1.512974	Y
8	STD200 460-1032501/10	200.0	290.283009	50.0	258084.0	1.451415	Y
9	STD500 460-1032501/11	500.0	647.110264	50.0	263069.0	1.294221	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

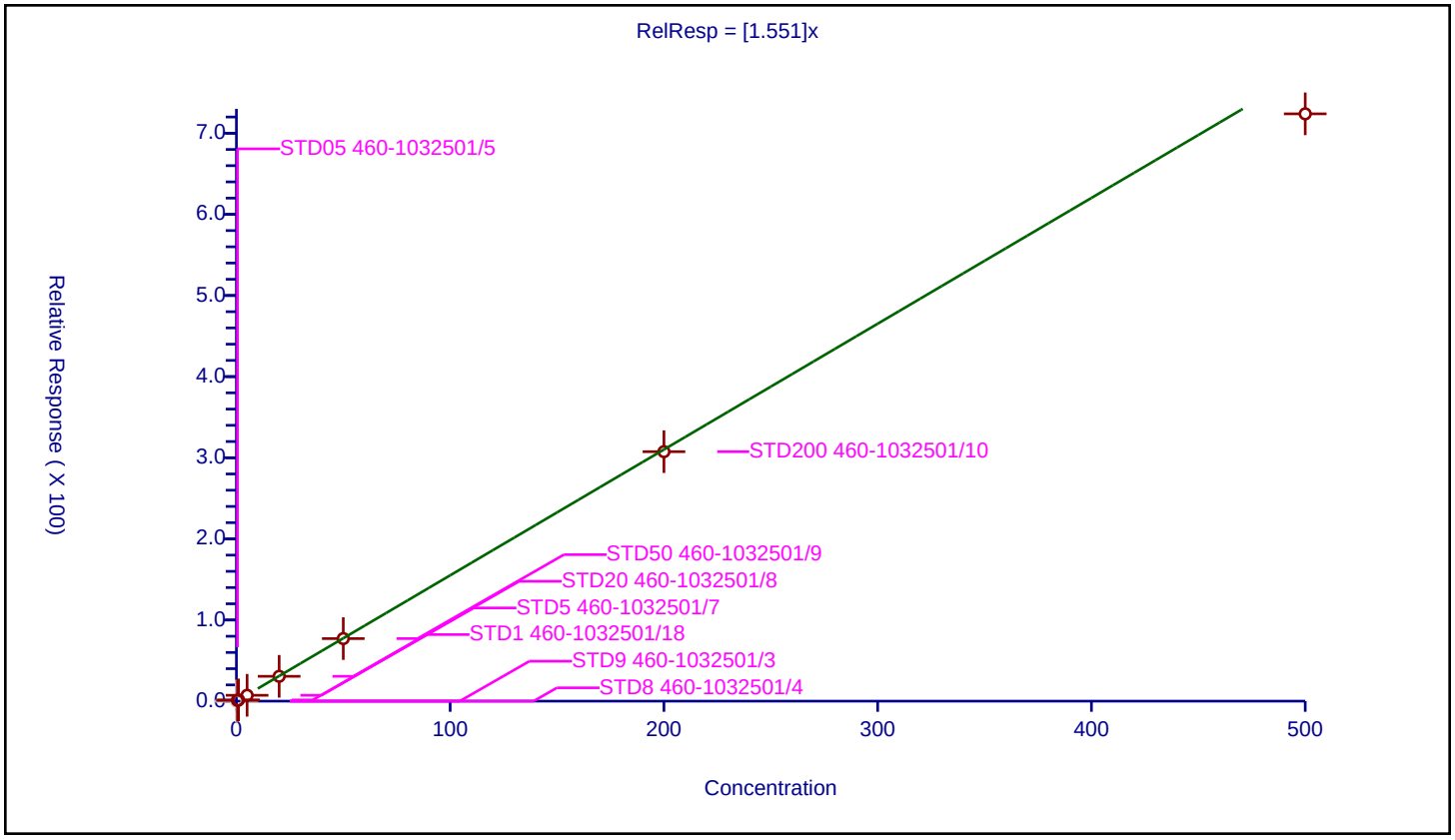
Curve Coefficients

Intercept:	0
Slope:	1.551

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.929047	50.0	251010.0	1.858093	Y
4	STD1 460-1032501/18	1.0	1.495698	50.0	238952.0	1.495698	Y
5	STD5 460-1032501/7	5.0	7.20951	50.0	249802.0	1.441902	Y
6	STD20 460-1032501/8	20.0	30.628978	50.0	248371.0	1.531449	Y
7	STD50 460-1032501/9	50.0	77.113487	50.0	250108.0	1.54227	Y
8	STD200 460-1032501/10	200.0	307.480898	50.0	258084.0	1.537404	Y
9	STD500 460-1032501/11	500.0	723.88879	50.0	263069.0	1.447778	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

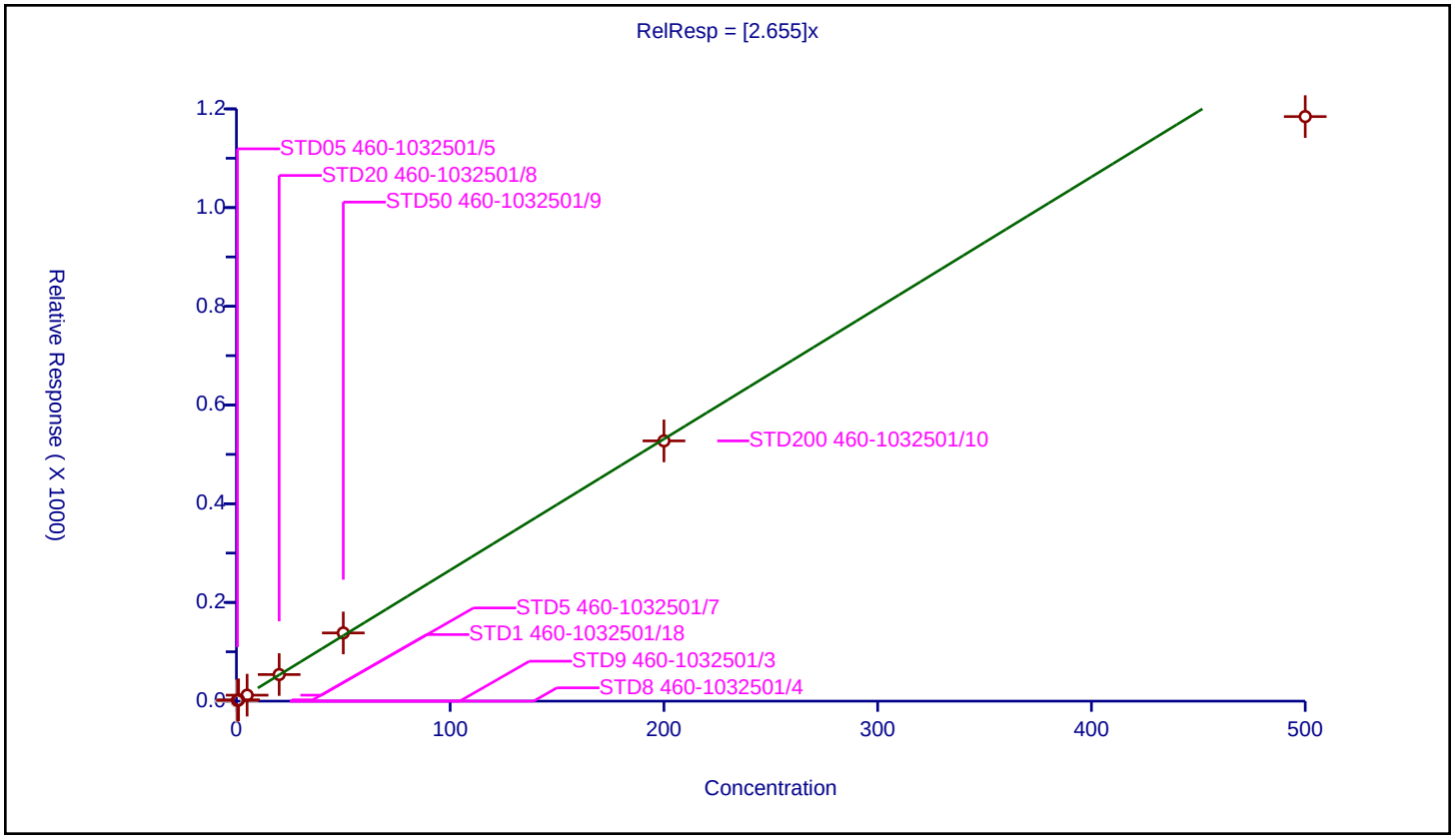
Curve Coefficients

Intercept:	0
Slope:	2.655

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.528226	50.0	251010.0	3.056452	Y
4	STD1 460-1032501/18	1.0	2.641325	50.0	238952.0	2.641325	Y
5	STD5 460-1032501/7	5.0	12.135812	50.0	249802.0	2.427162	Y
6	STD20 460-1032501/8	20.0	53.871225	50.0	248371.0	2.693561	Y
7	STD50 460-1032501/9	50.0	138.191501	50.0	250108.0	2.76383	Y
8	STD200 460-1032501/10	200.0	527.332574	50.0	258084.0	2.636663	Y
9	STD500 460-1032501/11	500.0	1184.420247	50.0	263069.0	2.36884	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

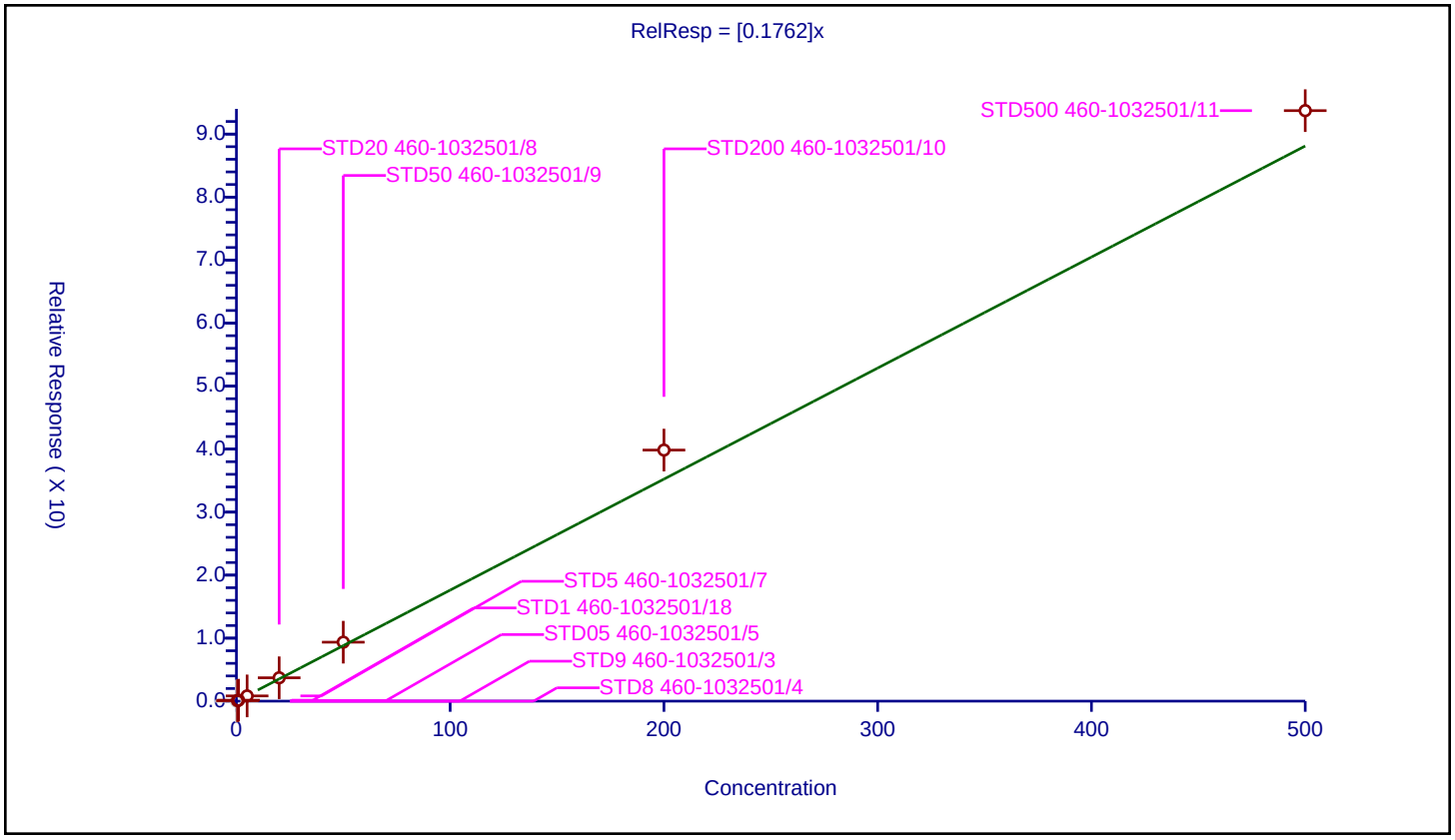
Curve Coefficients

Intercept:	0
Slope:	0.1762

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.07928	50.0	251010.0	0.158559	Y
4	STD1 460-1032501/18	1.0	0.149402	50.0	238952.0	0.149402	Y
5	STD5 460-1032501/7	5.0	0.831058	50.0	249802.0	0.166212	Y
6	STD20 460-1032501/8	20.0	3.708968	50.0	248371.0	0.185448	Y
7	STD50 460-1032501/9	50.0	9.359157	50.0	250108.0	0.187183	Y
8	STD200 460-1032501/10	200.0	39.847879	50.0	258084.0	0.199239	Y
9	STD500 460-1032501/11	500.0	93.719328	50.0	263069.0	0.187439	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

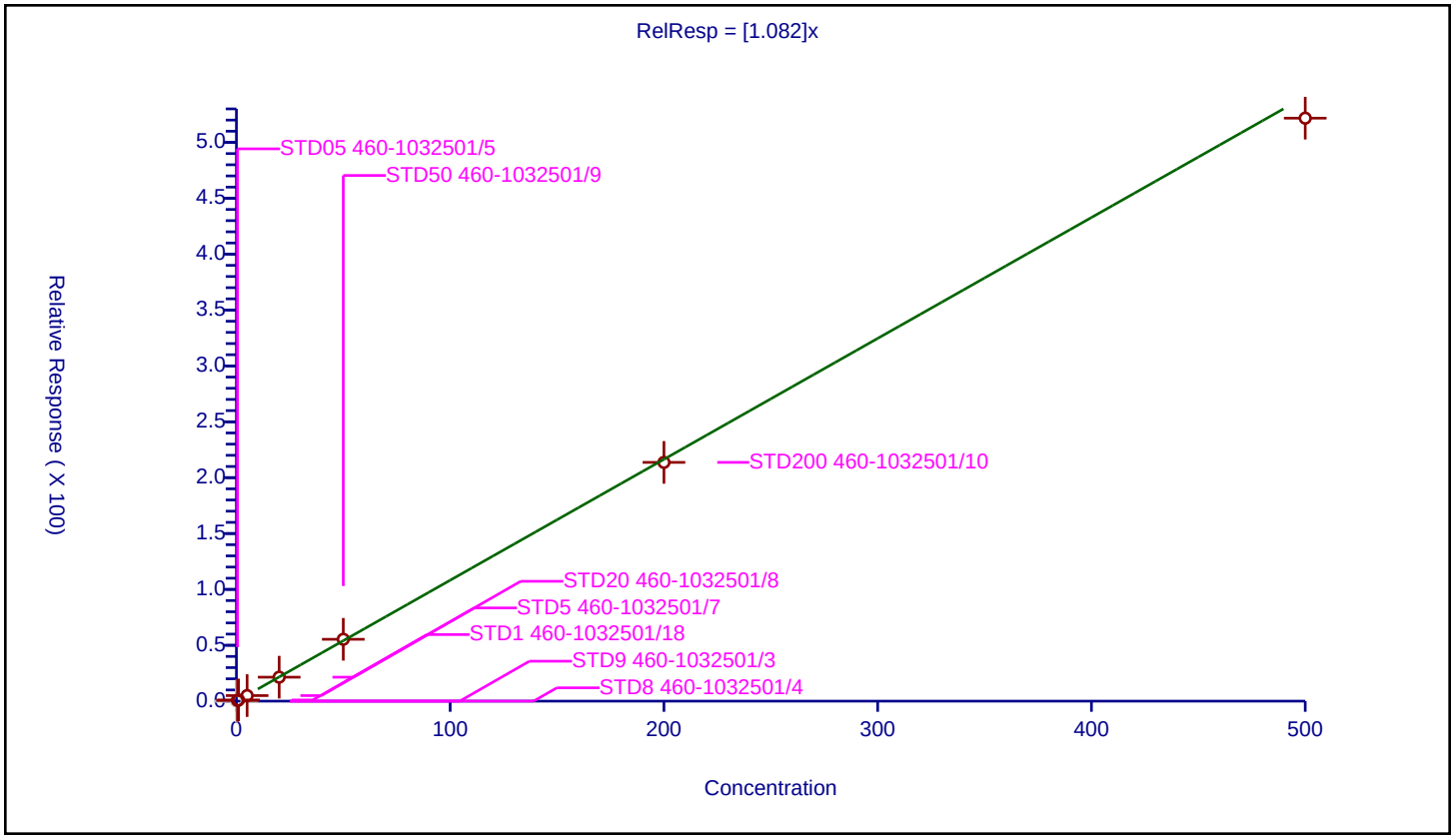
Curve Coefficients

Intercept:	0
Slope:	1.082

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.622087	50.0	251010.0	1.244174	Y
4	STD1 460-1032501/18	1.0	1.04477	50.0	238952.0	1.04477	Y
5	STD5 460-1032501/7	5.0	4.969536	50.0	249802.0	0.993907	Y
6	STD20 460-1032501/8	20.0	21.445942	50.0	248371.0	1.072297	Y
7	STD50 460-1032501/9	50.0	55.362883	50.0	250108.0	1.107258	Y
8	STD200 460-1032501/10	200.0	213.662219	50.0	258084.0	1.068311	Y
9	STD500 460-1032501/11	500.0	521.69792	50.0	263069.0	1.043396	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

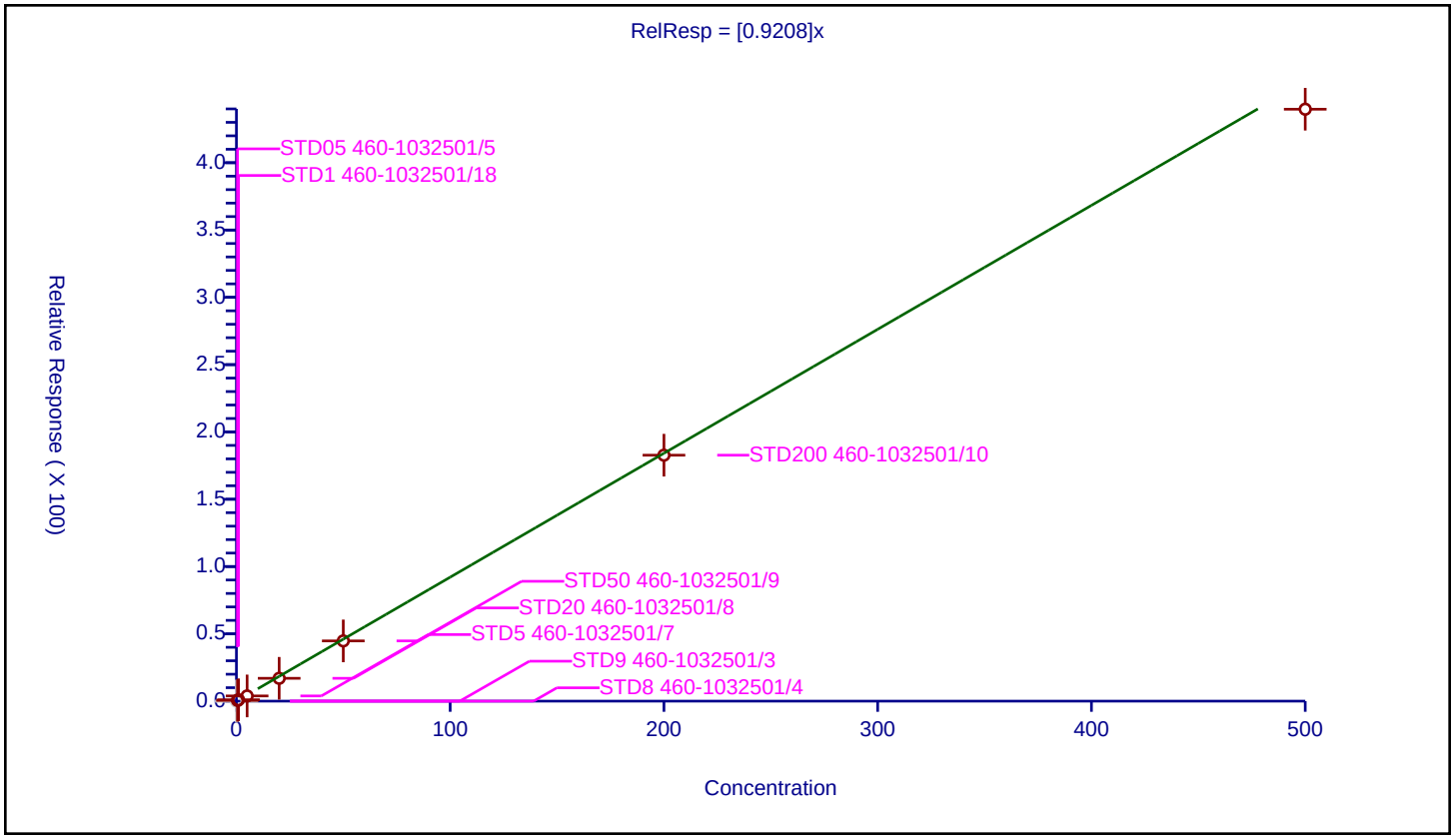
Curve Coefficients

Intercept:	0
Slope:	0.9208

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.565715	50.0	251010.0	1.131429	Y
4	STD1 460-1032501/18	1.0	1.003758	50.0	238952.0	1.003758	Y
5	STD5 460-1032501/7	5.0	3.870065	50.0	249802.0	0.774013	Y
6	STD20 460-1032501/8	20.0	16.965548	50.0	248371.0	0.848277	Y
7	STD50 460-1032501/9	50.0	44.753467	50.0	250108.0	0.895069	Y
8	STD200 460-1032501/10	200.0	182.726942	50.0	258084.0	0.913635	Y
9	STD500 460-1032501/11	500.0	439.75649	50.0	263069.0	0.879513	Y



Calibration / Hexachlorobutadiene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

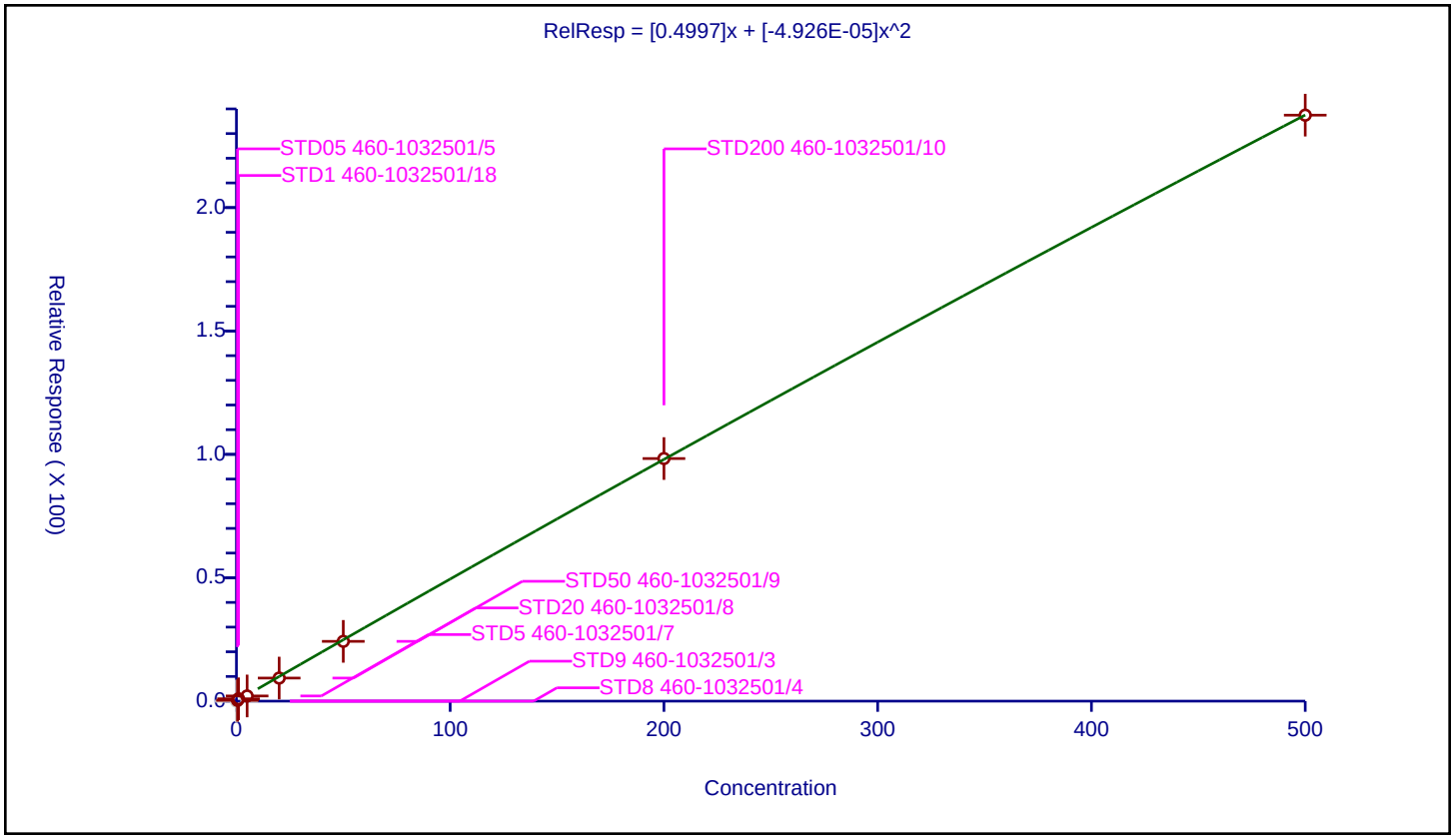
Curve Coefficients

Intercept:	0
Slope:	0.4997
Second Order:	-4.926E-05

Error Coefficients

Relative Standard Deviation:	43.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.325087	50.0	251010.0	0.650173	Y
4	STD1 460-1032501/18	1.0	0.950191	50.0	238952.0	0.950191	Y
5	STD5 460-1032501/7	5.0	2.101464	50.0	249802.0	0.420293	Y
6	STD20 460-1032501/8	20.0	9.357171	50.0	248371.0	0.467859	Y
7	STD50 460-1032501/9	50.0	24.229133	50.0	250108.0	0.484583	Y
8	STD200 460-1032501/10	200.0	98.30869	50.0	258084.0	0.491543	Y
9	STD500 460-1032501/11	500.0	237.465456	50.0	263069.0	0.474931	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

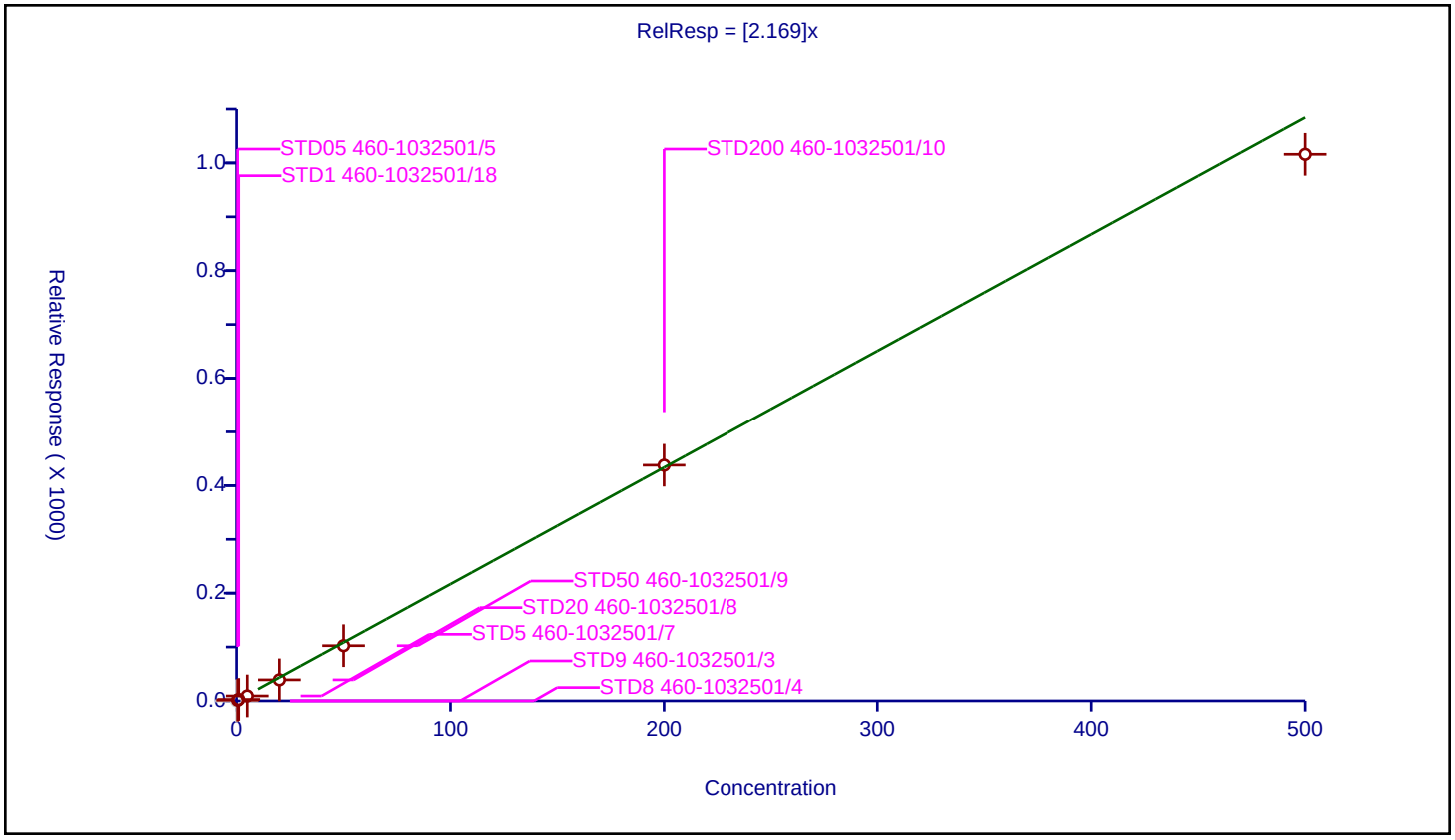
Curve Coefficients

Intercept:	0
Slope:	2.169

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	1.245568	50.0	251010.0	2.491136	Y
4	STD1 460-1032501/18	1.0	2.630654	50.0	238952.0	2.630654	Y
5	STD5 460-1032501/7	5.0	9.178469	50.0	249802.0	1.835694	Y
6	STD20 460-1032501/8	20.0	39.078435	50.0	248371.0	1.953922	Y
7	STD50 460-1032501/9	50.0	102.45454	50.0	250108.0	2.049091	Y
8	STD200 460-1032501/10	200.0	437.988601	50.0	258084.0	2.189943	Y
9	STD500 460-1032501/11	500.0	1016.068408	50.0	263069.0	2.032137	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

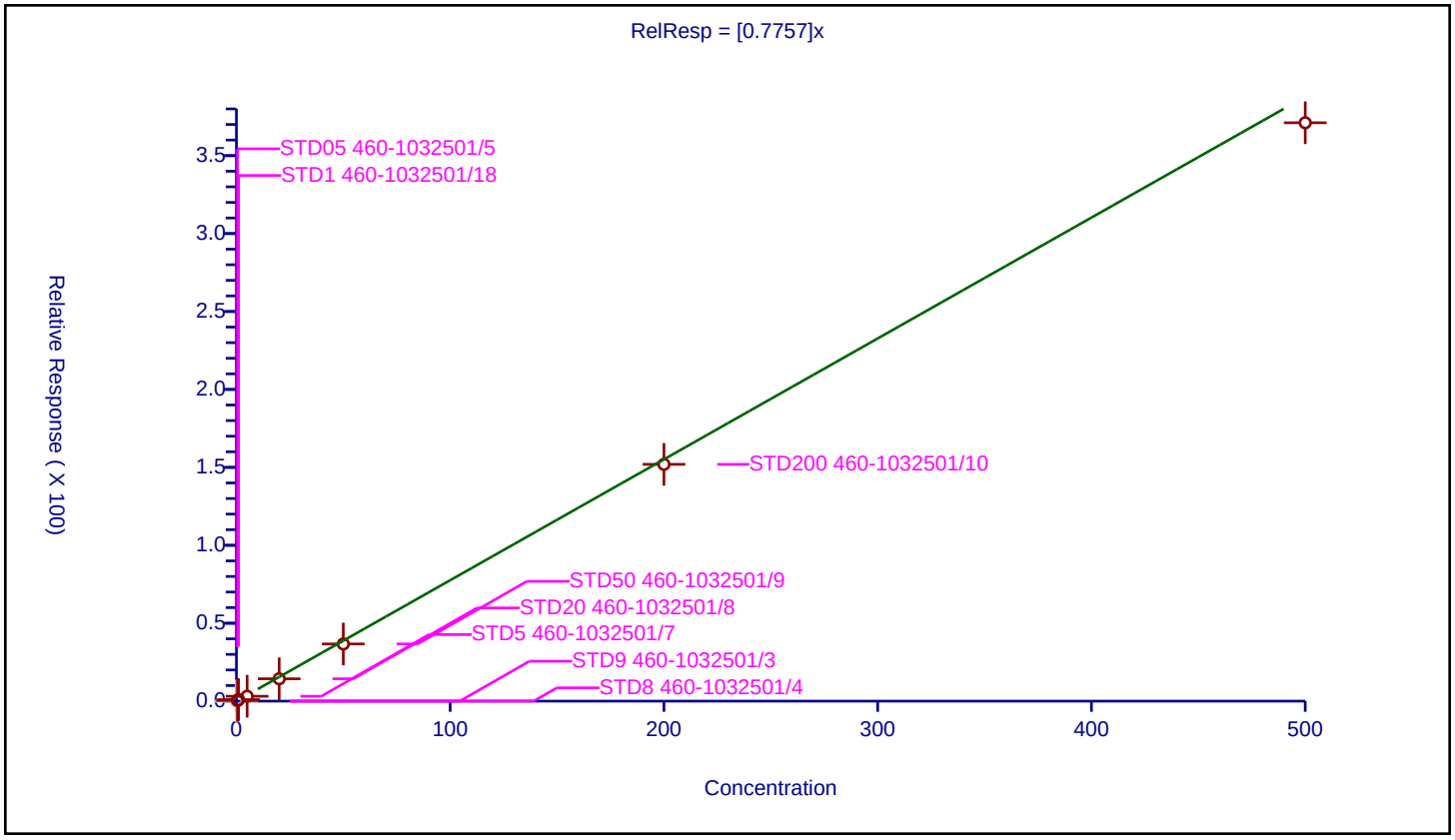
Curve Coefficients

Intercept:	0
Slope:	0.7757

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1032501/4	0.0	0.0	50.0	257876.0	NaN	N
2	STD9 460-1032501/3	0.2	0.0	50.0	253323.0	0.0	N
3	STD05 460-1032501/5	0.5	0.439823	50.0	251010.0	0.879646	Y
4	STD1 460-1032501/18	1.0	0.969442	50.0	238952.0	0.969442	Y
5	STD5 460-1032501/7	5.0	3.138085	50.0	249802.0	0.627617	Y
6	STD20 460-1032501/8	20.0	14.350709	50.0	248371.0	0.717535	Y
7	STD50 460-1032501/9	50.0	36.673757	50.0	250108.0	0.733475	Y
8	STD200 460-1032501/10	200.0	151.928636	50.0	258084.0	0.759643	Y
9	STD500 460-1032501/11	500.0	371.099597	50.0	263069.0	0.742199	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: ICV 460-1032501/22 Calibration Date: 04/19/2025 13:06

Instrument ID: CVOAMS15 Calib Start Date: 03/25/2025 19:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/25/2025 22:44

Lab File ID: T689621.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloroethyl vinyl ether	Ave				1.00	20.0		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689621.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 19-Apr-2025 13:06:35 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 460-0189481-022
Operator ID: Instrument ID: CVOAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:11:52 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: NN6A Date: 21-Apr-2025 14:12:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.512	1.512	0.000	72	2986	20.0	21.7	
3 Chlorotrifluoroethene	116	1.638	1.633	0.005	95	15991	20.0	19.8	
2 1,1-Difluoroethane	65	1.653	1.648	0.005	91	24675	20.0	20.2	
4 Dichlorodifluoromethane	85	1.674	1.669	0.005	99	90407	20.0	16.8	
5 Chlorodifluoromethane	67	1.701	1.695	0.006	96	10990	20.0	16.5	
6 Chloromethane	50	1.879	1.874	0.005	99	73829	20.0	17.0	
7 Vinyl chloride	62	1.984	1.979	0.005	98	73260	20.0	19.4	
8 Butadiene	54	2.015	2.015	0.000	95	70001	20.0	18.9	
9 Bromomethane	94	2.325	2.319	0.006	96	46687	20.0	23.2	
10 Chloroethane	64	2.424	2.424	0.000	98	42033	20.0	18.1	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	99	134802	20.0	18.1	
12 Trichlorofluoromethane	101	2.644	2.644	0.000	99	129992	20.0	17.9	
13 Pentane	72	2.702	2.702	0.000	95	18252	40.0	27.8	
14 Ethanol	46	2.828	2.838	-0.010	96	8027	800.0	804.5	
15 Ethyl ether	59	2.917	2.917	0.000	92	46515	20.0	15.8	
17 2-Methyl-1,3-butadiene	53	2.943	2.938	0.005	86	49623	20.0	16.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.959	2.954	0.005	94	61053	20.0	19.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.017	3.011	0.006	95	86672	20.0	18.7	
19 Acrolein	56	3.090	3.090	0.000	94	15203	39.5	31.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.122	3.116	0.006	97	63419	20.0	17.6	
20 1,1-Dichloroethene	96	3.158	3.153	0.005	99	58478	20.0	16.9	
22 Acetone	43	3.232	3.226	0.006	87	82896	100.0	81.0	
25 Isopropyl alcohol	45	3.321	3.321	0.000	56	33259	200.0	186.5	
23 Iodomethane	142	3.331	3.326	0.005	98	65391	20.0	14.1	
24 Carbon disulfide	76	3.378	3.379	0.000	99	178433	20.0	16.6	
28 Methyl acetate	43	3.520	3.520	0.000	86	72226	40.0	33.9	
27 3-Chloro-1-propene	76	3.515	3.525	-0.010	85	37702	20.0	19.8	
26 Acetonitrile	41	3.557	3.546	0.011	70	79460	200.0	78.8	
29 Cyclopentene	67	3.562	3.562	0.000	85	119533	20.0	12.6	
* 31 TBA-d9 (IS)	66	3.620	3.620	0.000	99	48761	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.656	3.662	-0.006	87	65318	20.0	17.8	
32 2-Methyl-2-propanol	59	3.704	3.709	-0.005	98	57192	200.0	172.2	
35 Methyl tert-butyl ether	73	3.861	3.856	0.005	95	199929	20.0	18.4	
34 trans-1,2-Dichloroethene	96	3.892	3.892	0.000	94	65978	20.0	17.1	
33 Acrylonitrile	53	3.934	3.940	-0.006	93	185655	200.0	179.8	
36 Hexane	57	4.102	4.097	0.005	90	72330	20.0	17.4	
40 Isopropyl ether	45	4.327	4.328	-0.001	92	180558	20.0	19.4	
37 1,1-Dichloroethane	63	4.348	4.343	0.005	79	120557	20.0	17.9	
38 Vinyl acetate	86	4.364	4.364	0.000	99	31061	40.0	21.1	
39 2-Chloro-1,3-butadiene	88	4.417	4.417	0.000	92	65118	20.0	19.3	
41 Tert-butyl ethyl ether	59	4.705	4.700	0.005	88	210048	20.0	19.6	
* 42 2-Butanone-d5	46	4.899	4.899	0.000	65	207635	250.0	250.0	
44 2,2-Dichloropropane	97	4.941	4.941	0.000	91	26679	20.0	19.1	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	75	76927	20.0	18.1	
45 2-Butanone (MEK)	72	4.967	4.962	0.005	98	37037	100.0	88.6	
47 Ethyl acetate	70	4.978	4.983	-0.005	94	14617	40.0	18.9	
48 Methyl acrylate	55	5.046	5.041	0.005	99	48600	20.0	17.1	
46 Propionitrile	54	5.098	5.093	0.005	96	77688	200.0	187.1	a
49 Chlorobromomethane	128	5.224	5.224	0.000	51	34603	20.0	17.8	
50 Methacrylonitrile	67	5.235	5.235	0.000	90	270496	200.0	203.5	
51 Tetrahydrofuran	72	5.235	5.245	-0.010	27	16364	40.0	18.7	
52 Chloroform	83	5.287	5.282	0.005	100	138508	20.0	17.8	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.471	0.000	96	154543	50.0	48.6	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	94	138083	20.0	18.0	
55 Cyclohexane	84	5.486	5.491	-0.005	83	98378	20.0	17.8	
56 Carbon tetrachloride	117	5.638	5.633	0.005	99	115267	20.0	17.7	
57 1,1-Dichloropropene	75	5.664	5.665	0.000	96	100224	20.0	17.3	
59 Isobutyl alcohol	43	5.759	5.764	-0.005	98	47587	500.0	428.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.885	5.885	0.000	91	200241	50.0	49.1	
60 Benzene	78	5.895	5.895	0.000	95	269731	20.0	18.2	
62 Isooctane	57	5.895	5.900	-0.005	62	149636	20.0	19.3	
63 Isopropyl acetate	61	5.948	5.963	-0.015	97	30747	20.0	17.5	
61 1,2-Dichloroethane	62	5.979	5.979	0.000	74	111265	20.0	16.8	
64 Tert-amyl methyl ether	73	5.979	5.979	0.000	97	210634	20.0	20.4	
66 n-Heptane	43	6.110	6.121	-0.011	87	56406	20.0	17.0	
* 65 Fluorobenzene	96	6.236	6.231	0.005	98	551033	50.0	50.0	
68 n-Butanol	56	6.556	6.556	0.000	87	35956	500.0	454.1	
67 Trichloroethene	95	6.666	6.666	0.000	99	78644	20.0	17.5	
69 Ethyl acrylate	55	6.792	6.787	0.005	98	81267	20.0	20.4	
70 Methylcyclohexane	83	6.844	6.834	0.010	94	102475	20.0	17.7	
71 1,2-Dichloropropane	63	6.991	6.986	0.005	85	62868	20.0	17.4	
* 73 1,4-Dioxane-d8	96	7.054	7.054	0.000	1	35274	1000.0	1000.0	
75 Methyl methacrylate	100	7.091	7.085	0.006	86	34973	40.0	39.6	
74 1,4-Dioxane	88	7.127	7.112	0.015	56	15239	400.0	372.6	
72 Dibromomethane	93	7.138	7.143	-0.005	95	45494	20.0	17.9	
76 n-Propyl acetate	43	7.159	7.154	0.005	96	72166	20.0	16.5	
77 Dichlorobromomethane	83	7.321	7.321	0.000	97	102634	20.0	17.7	
78 2-Nitropropane	41	7.704	7.704	0.000	94	36756	40.0	35.6	
80 Epichlorohydrin	57	7.840	7.846	-0.006	62	3481	20.0	8.60	
81 cis-1,3-Dichloropropene	75	7.935	7.935	0.000	92	111178	20.0	17.3	
82 4-Methyl-2-pentanone (MIBK)	43	8.129	8.129	0.000	94	243079	100.0	92.8	
$ 83 Toluene-d8 (Surr)	98	8.255	8.249	0.006	97	542511	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.349	8.344	0.005	94	293990	20.0	17.7	
85 trans-1,3-Dichloropropene	75	8.742	8.737	0.005	95	112927	20.0	19.1	
86 Ethyl methacrylate	69	8.795	8.789	0.006	85	79904	20.0	18.0	
87 1,1,2-Trichloroethane	83	8.994	8.994	0.000	92	49570	20.0	18.2	
88 Tetrachloroethene	166	9.104	9.099	0.005	96	88990	20.0	17.5	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	92	108332	20.0	18.4	
90 2-Hexanone	43	9.335	9.340	-0.005	94	172400	100.0	92.6	
93 n-Butyl acetate	43	9.497	9.487	0.010	97	79084	20.0	19.1	
91 Chlorodibromomethane	129	9.539	9.529	0.010	96	74976	20.0	18.9	
92 Ethylene Dibromide	107	9.728	9.728	0.000	99	63417	20.0	17.9	
* 94 Chlorobenzene-d5	117	10.415	10.415	0.000	88	441075	50.0	50.0	
95 Chlorobenzene	112	10.462	10.457	0.005	94	199153	20.0	18.1	
97 Ethylbenzene	106	10.603	10.598	0.005	98	113444	20.0	18.7	
96 1,1,1,2-Tetrachloroethane	131	10.603	10.604	-0.001	44	77673	20.0	18.3	
98 m-Xylene & p-Xylene	106	10.792	10.792	0.000	92	132994	20.0	18.1	
101 n-Butyl acrylate	73	11.390	11.395	-0.005	96	45539	20.0	18.2	
99 o-Xylene	106	11.411	11.411	0.000	93	130609	20.0	18.4	
100 Styrene	104	11.448	11.442	0.006	93	207392	20.0	18.6	
102 Bromoform	173	11.710	11.705	0.005	69	48311	20.0	17.7	
103 Amyl acetate (mixed isomers)	43	11.710	11.715	-0.005	92	85733	20.0	18.1	
104 Isopropylbenzene	105	11.904	11.904	0.000	96	348165	20.0	20.5	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	89	191146	50.0	49.2	
106 Bromobenzene	156	12.313	12.308	0.005	93	89254	20.0	18.2	
107 1,1,2,2-Tetrachloroethane	83	12.349	12.355	-0.006	94	72289	20.0	18.7	
108 1,2,3-Trichloropropane	110	12.407	12.412	-0.005	59	27328	20.0	18.1	
110 N-Propylbenzene	91	12.418	12.418	0.000	99	410671	20.0	19.5	
109 trans-1,4-Dichloro-2-butene	53	12.433	12.428	0.005	55	24531	20.0	18.5	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	94	289885	20.0	18.7	
112 4-Ethyltoluene	105	12.554	12.554	0.000	97	340808	20.0	19.3	
114 1,3,5-Trimethylbenzene	105	12.633	12.633	0.000	92	293230	20.0	18.9	
113 4-Chlorotoluene	91	12.664	12.669	-0.005	98	267545	20.0	18.1	M
115 Butyl Methacrylate	87	12.748	12.748	0.000	87	85370	20.0	19.2	
116 tert-Butylbenzene	119	12.973	12.973	0.000	92	244575	20.0	18.5	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	97	298722	20.0	18.9	
118 sec-Butylbenzene	105	13.204	13.204	0.000	97	336579	20.0	19.1	
119 1,3-Dichlorobenzene	146	13.340	13.335	0.005	95	160827	20.0	18.6	
122 4-Isopropyltoluene	119	13.351	13.351	0.000	95	293976	20.0	18.7	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	95	256845	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.435	13.440	-0.005	91	164002	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	99	319596	20.0	20.0	
124 Benzyl chloride	91	13.576	13.576	0.000	99	172916	20.0	20.6	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	93	268447	20.0	20.3	
127 p-Diethylbenzene	119	13.723	13.723	0.000	92	172609	20.0	18.9	
128 n-Butylbenzene	92	13.744	13.744	0.000	97	142634	20.0	19.4	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	95	146787	20.0	18.4	
130 1,2,4,5-Tetramethylbenzene	119	14.426	14.426	0.000	96	257867	20.0	18.9	
129 1,2-Dibromo-3-Chloropropane	157	14.499	14.504	-0.005	95	16568	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	14.641	14.641	0.000	97	108450	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	94	82471	20.0	17.4	
133 Hexachlorobutadiene	225	15.249	15.244	0.005	79	45652	20.0	17.8	
134 Naphthalene	128	15.348	15.349	-0.001	99	189281	20.0	17.0	
135 1,2,3-Trichlorobenzene	180	15.548	15.548	0.000	97	65096	20.0	16.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.2	
S 137 Xylenes, Total	100				0		40.0	36.6	
S 140 Total BTEX	1				0		100.0	91.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

7 Freons SS_00026	Amount Added:	20.00	Units: uL	
8260 SP_00191	Amount Added:	20.00	Units: uL	
GAS C SP_00619	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00176	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:12:38 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689621.D

Injection Date: 19-Apr-2025 13:06:35 Instrument ID: CVOAMS15

Lims ID: ICV

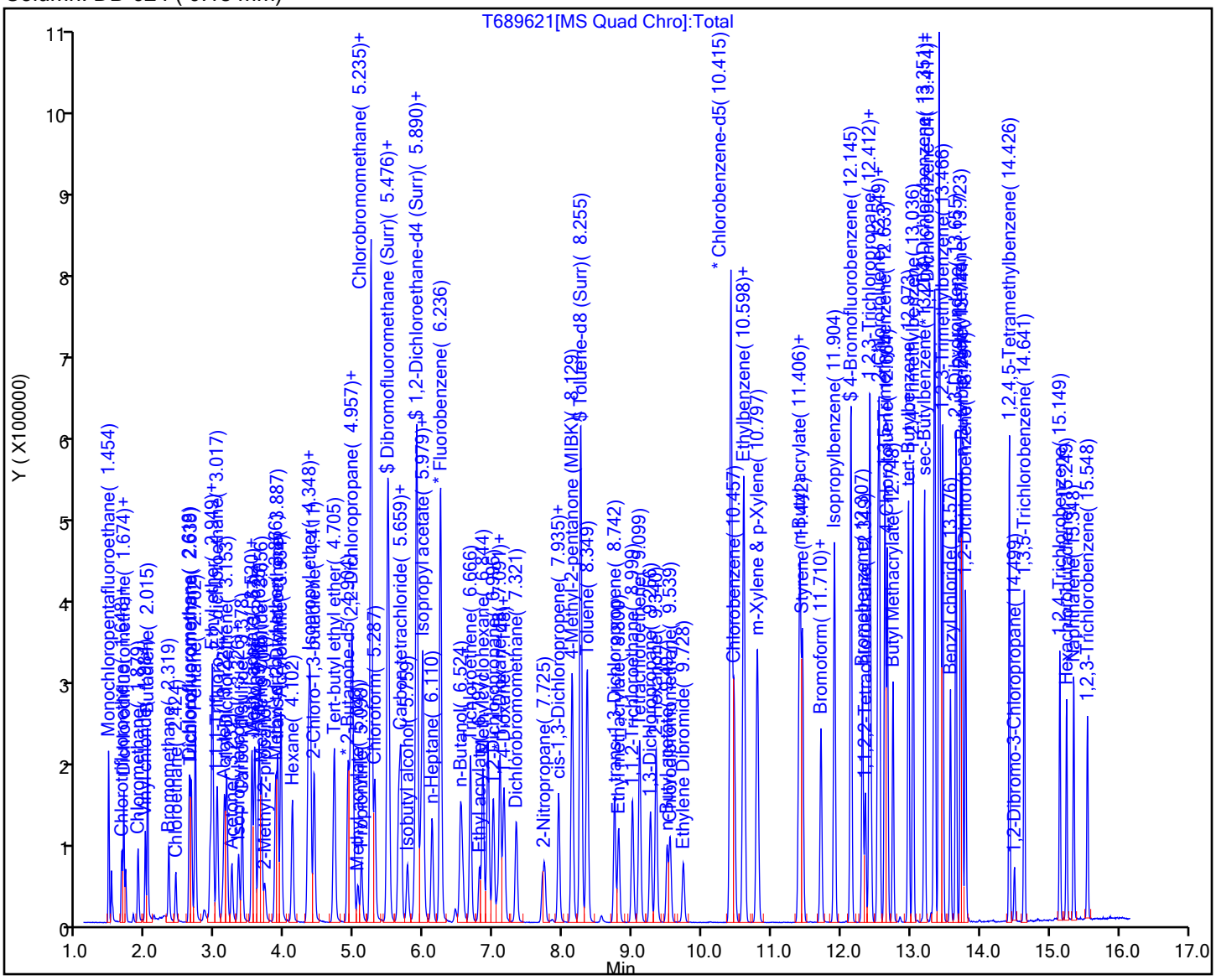
Client ID:

Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: ICV 460-1032501/22 Calibration Date: 04/19/2025 13:06

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T689621.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0125	0.0135		21.7	20.0	8.4	30.0
Chlorotrifluoroethene	Ave	0.0734	0.0726		19.8	20.0	-1.2	30.0
1,1-Difluoroethane	QuaF		0.1119		20.2	20.0	1.1	30.0
Dichlorodifluoromethane	Ave	0.4877	0.4102	0.1000	16.8	20.0	-15.9	30.0
Chlorodifluoromethane	Qua2		0.0499		16.5	20.0	-17.7	30.0
Chloromethane	Ave	0.3944	0.3350	0.1000	17.0	20.0	-15.1	30.0
Vinyl chloride	Ave	0.3433	0.3324	0.1000	19.4	20.0	-3.2	30.0
Butadiene	Ave	0.3365	0.3176		18.9	20.0	-5.6	30.0
Bromomethane	Qua2		0.2118	0.1000	23.2	20.0	16.1	30.0
Chloroethane	Ave	0.2112	0.1907	0.1000	18.1	20.0	-9.7	30.0
Dichlorofluoromethane	Ave	0.6744	0.6116		18.1	20.0	-9.3	30.0
Trichlorofluoromethane	Ave	0.6601	0.5898	0.1000	17.9	20.0	-10.6	30.0
Pentane	Ave	0.0595	0.0414		27.8	40.0	-30.4*	30.0
Ethanol	Ave	0.2046	0.2058		804	800	0.6	30.0
Ethyl ether	Ave	0.2666	0.2110		15.8	20.0	-20.8	30.0
2-Methyl-1,3-butadiene	Ave	0.2694	0.2251		16.7	20.0	-16.4	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2921	0.2770		19.0	20.0	-5.2	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4198	0.3932		18.7	20.0	-6.3	30.0
Acrolein	Ave	0.0440	0.0349		31.3	39.5	-20.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3269	0.2877	0.1000	17.6	20.0	-12.0	30.0
1,1-Dichloroethene	Ave	0.3131	0.2653	0.1000	16.9	20.0	-15.3	30.0
Acetone	QuaF		0.0752	0.0010	81.0	100	-19.0	30.0
Isopropyl alcohol	Ave	3.657	3.410		187	200	-6.7	30.0
Iodomethane	QuaF		0.2967		14.1	20.0	-29.6	30.0
Carbon disulfide	Ave	0.9771	0.8095	0.1000	16.6	20.0	-17.1	30.0
3-Chloro-1-propene	Ave	0.1724	0.1711		19.8	20.0	-0.8	30.0
Methyl acetate	Ave	0.1932	0.1638	0.0500	33.9	40.0	-15.2	30.0
Acetonitrile	QuaF		0.4784		78.8	200	-60.6*	30.0
Cyclopentene	Ave	0.8602	0.5423		12.6	20.0	-37.0*	30.0
Methylene Chloride	Ave	0.3339	0.2963	0.1000	17.8	20.0	-11.2	30.0
2-Methyl-2-propanol	Ave	6.812	5.865		172	200	-13.9	30.0
Methyl tert-butyl ether	Ave	0.9871	0.9071	0.1000	18.4	20.0	-8.1	30.0
trans-1,2-Dichloroethene	Ave	0.3500	0.2993	0.1000	17.1	20.0	-14.5	30.0
Acrylonitrile	Ave	0.0937	0.0842		180	200	-10.1	30.0
Hexane	Ave	0.3773	0.3282		17.4	20.0	-13.0	30.0
Isopropyl ether	Ave	0.8441	0.8192		19.4	20.0	-3.0	30.0
1,1-Dichloroethane	Ave	0.6111	0.5470	0.2000	17.9	20.0	-10.5	30.0
Vinyl acetate	Ave	1.772	0.9350		21.1	40.0	-47.2*	30.0
2-Chloro-1,3-butadiene	Ave	0.3066	0.2954		19.3	20.0	-3.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: ICV 460-1032501/22 Calibration Date: 04/19/2025 13:06

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T689621.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.9742	0.9530		19.6	20.0	-2.2	30.0
2,2-Dichloropropane	Ave	0.1270	0.1210		19.1	20.0	-4.7	30.0
cis-1,2-Dichloroethene	Ave	0.3859	0.3490	0.1000	18.1	20.0	-9.5	30.0
2-Butanone (MEK)	Lin2		0.0336	0.0100	88.6	100	-11.4	30.0
Ethyl acetate	Ave	0.9308	0.4400		18.9	40.0	-52.7*	30.0
Methyl acrylate	Ave	0.2581	0.2205		17.1	20.0	-14.6	30.0
Propionitrile	Ave	0.0377	0.0352		187	200	-6.4	30.0
Chlorobromomethane	Ave	0.1760	0.1570		17.8	20.0	-10.8	30.0
Methacrylonitrile	Ave	0.1206	0.1227		203	200	1.7	30.0
Tetrahydrofuran	QuaF		0.4926		18.7	40.0	-53.1*	30.0
Chloroform	Ave	0.7060	0.6284	0.2000	17.8	20.0	-11.0	30.0
1,1,1-Trichloroethane	Ave	0.6942	0.6265	0.1000	18.0	20.0	-9.8	30.0
Cyclohexane	Ave	0.5006	0.4463	0.1000	17.8	20.0	-10.8	30.0
Carbon tetrachloride	Ave	0.5899	0.5230	0.1000	17.7	20.0	-11.3	30.0
1,1-Dichloropropene	Ave	0.5261	0.4547		17.3	20.0	-13.6	30.0
Isobutyl alcohol	QuaF		1.952		428	500	-14.3	30.0
Benzene	Ave	1.677	1.529	0.5000	18.2	20.0	-8.9	30.0
Isooctane	Ave	0.7038	0.6789		19.3	20.0	-3.5	30.0
Isopropyl acetate	Ave	0.1592	0.1395		17.5	20.0	-12.4	30.0
1,2-Dichloroethane	Ave	0.6009	0.5048	0.1000	16.8	20.0	-16.0	30.0
Tert-amyl methyl ether	Ave	0.9365	0.9556		20.4	20.0	2.0	30.0
n-Heptane	Ave	0.3015	0.2559		17.0	20.0	-15.1	30.0
n-Butanol	Ave	1.624	1.475		454	500	-9.2	30.0
Trichloroethene	Ave	0.4084	0.3568	0.2000	17.5	20.0	-12.6	30.0
Ethyl acrylate	Ave	0.3606	0.3687		20.4	20.0	2.2	30.0
Methylcyclohexane	Ave	0.5243	0.4649	0.1000	17.7	20.0	-11.3	30.0
1,2-Dichloropropane	Ave	0.3276	0.2852	0.1000	17.4	20.0	-12.9	30.0
Methyl methacrylate	Ave	0.0800	0.0793		39.6	40.0	-0.9	30.0
1,4-Dioxane	Ave	1.159	1.080		373	400	-6.8	30.0
Dibromomethane	Ave	0.2302	0.2064		17.9	20.0	-10.3	30.0
n-Propyl acetate	Ave	0.3979	0.3274		16.5	20.0	-17.7	30.0
Dichlorobromomethane	Ave	0.5267	0.4656	0.2000	17.7	20.0	-11.6	30.0
2-Nitropropane	Ave	0.0936	0.0834		35.6	40.0	-11.0	30.0
Epichlorohydrin	QuaF		0.2096		8.60	20.0	-57.0*	30.0
cis-1,3-Dichloropropene	Ave	0.7297	0.6302	0.2000	17.3	20.0	-13.6	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2378	0.2206	0.0500	92.8	100	-7.2	30.0
Toluene	Ave	1.883	1.666	0.4000	17.7	20.0	-11.5	30.0
trans-1,3-Dichloropropene	Ave	0.6689	0.6401	0.1000	19.1	20.0	-4.3	30.0
Ethyl methacrylate	Ave	0.5025	0.4529		18.0	20.0	-9.9	30.0
1,1,2-Trichloroethane	Ave	0.3091	0.2810	0.1000	18.2	20.0	-9.1	30.0
Tetrachloroethene	Ave	0.5767	0.5044	0.2000	17.5	20.0	-12.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: ICV 460-1032501/22 Calibration Date: 04/19/2025 13:06

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T689621.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.6660	0.6140		18.4	20.0	-7.8	30.0
2-Hexanone	Ave	0.1689	0.1564	0.0500	92.6	100	-7.4	30.0
n-Butyl acetate	QuaF		0.4482		19.1	20.0	-4.4	30.0
Chlorodibromomethane	Ave	0.4493	0.4250	0.1000	18.9	20.0	-5.4	30.0
Ethylene Dibromide	Ave	0.4013	0.3594	0.1000	17.9	20.0	-10.4	30.0
Chlorobenzene	Ave	1.245	1.129	0.5000	18.1	20.0	-9.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4811	0.4402		18.3	20.0	-8.5	30.0
Ethylbenzene	Ave	0.6880	0.6430	0.1000	18.7	20.0	-6.5	30.0
m-Xylene & p-Xylene	Ave	0.8310	0.7538	0.1000	18.1	20.0	-9.3	30.0
n-Butyl acrylate	Ave	0.2834	0.2581		18.2	20.0	-8.9	30.0
o-Xylene	Ave	0.8030	0.7403	0.3000	18.4	20.0	-7.8	30.0
Styrene	Ave	1.264	1.175	0.3000	18.6	20.0	-7.0	30.0
Amyl acetate (mixed isomers)	Ave	0.9245	0.8345		18.1	20.0	-9.7	30.0
Bromoform	Ave	0.3088	0.2738	0.1000	17.7	20.0	-11.3	30.0
Isopropylbenzene	Ave	1.930	1.973	0.1000	20.5	20.0	2.3	30.0
Bromobenzene	Ave	0.9524	0.8688		18.2	20.0	-8.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7516	0.7036	0.3000	18.7	20.0	-6.4	30.0
1,2,3-Trichloropropane	Ave	0.2934	0.2660		18.1	20.0	-9.4	30.0
N-Propylbenzene	Ave	4.110	3.997		19.5	20.0	-2.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2586	0.2388		18.5	20.0	-7.7	30.0
2-Chlorotoluene	Ave	3.017	2.822		18.7	20.0	-6.5	30.0
4-Ethyltoluene	Ave	3.440	3.317		19.3	20.0	-3.6	30.0
1,3,5-Trimethylbenzene	Ave	3.022	2.854		18.9	20.0	-5.6	30.0
4-Chlorotoluene	Ave	2.879	2.604		18.1	20.0	-9.5	30.0
Butyl Methacrylate	Ave	0.8677	0.8309		19.2	20.0	-4.2	30.0
tert-Butylbenzene	Ave	2.576	2.381		18.5	20.0	-7.6	30.0
1,2,4-Trimethylbenzene	Ave	3.082	2.908		18.9	20.0	-5.7	30.0
sec-Butylbenzene	Ave	3.437	3.276		19.1	20.0	-4.7	30.0
1,3-Dichlorobenzene	Ave	1.688	1.565	0.6000	18.6	20.0	-7.2	30.0
4-Isopropyltoluene	Ave	3.058	2.861		18.7	20.0	-6.4	30.0
1,4-Dichlorobenzene	Ave	1.735	1.596	0.5000	18.4	20.0	-8.0	30.0
1,2,3-Trimethylbenzene	Ave	3.119	3.111		20.0	20.0	-0.2	30.0
Benzyl chloride	Ave	1.632	1.683		20.6	20.0	3.1	30.0
Indan	Ave	2.578	2.613		20.3	20.0	1.4	30.0
p-Diethylbenzene	Ave	1.777	1.680		18.9	20.0	-5.5	30.0
n-Butylbenzene	Ave	1.435	1.388		19.4	20.0	-3.2	30.0
1,2-Dichlorobenzene	Ave	1.551	1.429	0.4000	18.4	20.0	-7.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.655	2.510		18.9	20.0	-5.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1762	0.1613	0.0500	18.3	20.0	-8.5	30.0
1,3,5-Trichlorobenzene	Ave	1.082	1.056		19.5	20.0	-2.4	30.0
1,2,4-Trichlorobenzene	Ave	0.9208	0.8027	0.2000	17.4	20.0	-12.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: ICV 460-1032501/22 Calibration Date: 04/19/2025 13:06

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T689621.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	QuaF		0.4444		17.8	20.0	-10.9	30.0
Naphthalene	Ave	2.169	1.842		17.0	20.0	-15.1	30.0
1,2,3-Trichlorobenzene	Ave	0.7757	0.6336		16.3	20.0	-18.3	30.0
Dibromofluoromethane (Surr)	Ave	0.2888	0.2805		48.6	50.0	-2.9	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3701	0.3634		49.1	50.0	-1.8	30.0
Toluene-d8 (Surr)	Ave	1.219	1.230		50.4	50.0	0.9	30.0
4-Bromofluorobenzene	Ave	0.4405	0.4334		49.2	50.0	-1.6	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689621.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 19-Apr-2025 13:06:35 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 460-0189481-022
Operator ID: Instrument ID: CVOAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Apr-2025 14:11:52 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1660

First Level Reviewer: NN6A Date: 21-Apr-2025 14:12:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.512	1.512	0.000	72	2986	20.0	21.7	
3 Chlorotrifluoroethene	116	1.638	1.633	0.005	95	15991	20.0	19.8	
2 1,1-Difluoroethane	65	1.653	1.648	0.005	91	24675	20.0	20.2	
4 Dichlorodifluoromethane	85	1.674	1.669	0.005	99	90407	20.0	16.8	
5 Chlorodifluoromethane	67	1.701	1.695	0.006	96	10990	20.0	16.5	
6 Chloromethane	50	1.879	1.874	0.005	99	73829	20.0	17.0	
7 Vinyl chloride	62	1.984	1.979	0.005	98	73260	20.0	19.4	
8 Butadiene	54	2.015	2.015	0.000	95	70001	20.0	18.9	
9 Bromomethane	94	2.325	2.319	0.006	96	46687	20.0	23.2	
10 Chloroethane	64	2.424	2.424	0.000	98	42033	20.0	18.1	
11 Dichlorofluoromethane	67	2.618	2.618	0.000	99	134802	20.0	18.1	
12 Trichlorofluoromethane	101	2.644	2.644	0.000	99	129992	20.0	17.9	
13 Pentane	72	2.702	2.702	0.000	95	18252	40.0	27.8	
14 Ethanol	46	2.828	2.838	-0.010	96	8027	800.0	804.5	
15 Ethyl ether	59	2.917	2.917	0.000	92	46515	20.0	15.8	
17 2-Methyl-1,3-butadiene	53	2.943	2.938	0.005	86	49623	20.0	16.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.959	2.954	0.005	94	61053	20.0	19.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.017	3.011	0.006	95	86672	20.0	18.7	
19 Acrolein	56	3.090	3.090	0.000	94	15203	39.5	31.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.122	3.116	0.006	97	63419	20.0	17.6	
20 1,1-Dichloroethene	96	3.158	3.153	0.005	99	58478	20.0	16.9	
22 Acetone	43	3.232	3.226	0.006	87	82896	100.0	81.0	
25 Isopropyl alcohol	45	3.321	3.321	0.000	56	33259	200.0	186.5	
23 Iodomethane	142	3.331	3.326	0.005	98	65391	20.0	14.1	
24 Carbon disulfide	76	3.378	3.379	0.000	99	178433	20.0	16.6	
28 Methyl acetate	43	3.520	3.520	0.000	86	72226	40.0	33.9	
27 3-Chloro-1-propene	76	3.515	3.525	-0.010	85	37702	20.0	19.8	
26 Acetonitrile	41	3.557	3.546	0.011	70	79460	200.0	78.8	
29 Cyclopentene	67	3.562	3.562	0.000	85	119533	20.0	12.6	
* 31 TBA-d9 (IS)	66	3.620	3.620	0.000	99	48761	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.656	3.662	-0.006	87	65318	20.0	17.8	
32 2-Methyl-2-propanol	59	3.704	3.709	-0.005	98	57192	200.0	172.2	
35 Methyl tert-butyl ether	73	3.861	3.856	0.005	95	199929	20.0	18.4	
34 trans-1,2-Dichloroethene	96	3.892	3.892	0.000	94	65978	20.0	17.1	
33 Acrylonitrile	53	3.934	3.940	-0.006	93	185655	200.0	179.8	
36 Hexane	57	4.102	4.097	0.005	90	72330	20.0	17.4	
40 Isopropyl ether	45	4.327	4.328	-0.001	92	180558	20.0	19.4	
37 1,1-Dichloroethane	63	4.348	4.343	0.005	79	120557	20.0	17.9	
38 Vinyl acetate	86	4.364	4.364	0.000	99	31061	40.0	21.1	
39 2-Chloro-1,3-butadiene	88	4.417	4.417	0.000	92	65118	20.0	19.3	
41 Tert-butyl ethyl ether	59	4.705	4.700	0.005	88	210048	20.0	19.6	
* 42 2-Butanone-d5	46	4.899	4.899	0.000	65	207635	250.0	250.0	
44 2,2-Dichloropropane	97	4.941	4.941	0.000	91	26679	20.0	19.1	
43 cis-1,2-Dichloroethene	96	4.962	4.962	0.000	75	76927	20.0	18.1	
45 2-Butanone (MEK)	72	4.967	4.962	0.005	98	37037	100.0	88.6	
47 Ethyl acetate	70	4.978	4.983	-0.005	94	14617	40.0	18.9	
48 Methyl acrylate	55	5.046	5.041	0.005	99	48600	20.0	17.1	
46 Propionitrile	54	5.098	5.093	0.005	96	77688	200.0	187.1	a
49 Chlorobromomethane	128	5.224	5.224	0.000	51	34603	20.0	17.8	
50 Methacrylonitrile	67	5.235	5.235	0.000	90	270496	200.0	203.5	
51 Tetrahydrofuran	72	5.235	5.245	-0.010	27	16364	40.0	18.7	
52 Chloroform	83	5.287	5.282	0.005	100	138508	20.0	17.8	
$ 53 Dibromofluoromethane (Surr)	113	5.470	5.471	0.000	96	154543	50.0	48.6	
54 1,1,1-Trichloroethane	97	5.481	5.481	0.000	94	138083	20.0	18.0	
55 Cyclohexane	84	5.486	5.491	-0.005	83	98378	20.0	17.8	
56 Carbon tetrachloride	117	5.638	5.633	0.005	99	115267	20.0	17.7	
57 1,1-Dichloropropene	75	5.664	5.665	0.000	96	100224	20.0	17.3	
59 Isobutyl alcohol	43	5.759	5.764	-0.005	98	47587	500.0	428.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.885	5.885	0.000	91	200241	50.0	49.1	
60 Benzene	78	5.895	5.895	0.000	95	269731	20.0	18.2	
62 Isooctane	57	5.895	5.900	-0.005	62	149636	20.0	19.3	
63 Isopropyl acetate	61	5.948	5.963	-0.015	97	30747	20.0	17.5	
61 1,2-Dichloroethane	62	5.979	5.979	0.000	74	111265	20.0	16.8	
64 Tert-amyl methyl ether	73	5.979	5.979	0.000	97	210634	20.0	20.4	
66 n-Heptane	43	6.110	6.121	-0.011	87	56406	20.0	17.0	
* 65 Fluorobenzene	96	6.236	6.231	0.005	98	551033	50.0	50.0	
68 n-Butanol	56	6.556	6.556	0.000	87	35956	500.0	454.1	
67 Trichloroethene	95	6.666	6.666	0.000	99	78644	20.0	17.5	
69 Ethyl acrylate	55	6.792	6.787	0.005	98	81267	20.0	20.4	
70 Methylcyclohexane	83	6.844	6.834	0.010	94	102475	20.0	17.7	
71 1,2-Dichloropropane	63	6.991	6.986	0.005	85	62868	20.0	17.4	
* 73 1,4-Dioxane-d8	96	7.054	7.054	0.000	1	35274	1000.0	1000.0	
75 Methyl methacrylate	100	7.091	7.085	0.006	86	34973	40.0	39.6	
74 1,4-Dioxane	88	7.127	7.112	0.015	56	15239	400.0	372.6	
72 Dibromomethane	93	7.138	7.143	-0.005	95	45494	20.0	17.9	
76 n-Propyl acetate	43	7.159	7.154	0.005	96	72166	20.0	16.5	
77 Dichlorobromomethane	83	7.321	7.321	0.000	97	102634	20.0	17.7	
78 2-Nitropropane	41	7.704	7.704	0.000	94	36756	40.0	35.6	
80 Epichlorohydrin	57	7.840	7.846	-0.006	62	3481	20.0	8.60	
81 cis-1,3-Dichloropropene	75	7.935	7.935	0.000	92	111178	20.0	17.3	
82 4-Methyl-2-pentanone (MIBK)	43	8.129	8.129	0.000	94	243079	100.0	92.8	
$ 83 Toluene-d8 (Surr)	98	8.255	8.249	0.006	97	542511	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.349	8.344	0.005	94	293990	20.0	17.7	
85 trans-1,3-Dichloropropene	75	8.742	8.737	0.005	95	112927	20.0	19.1	
86 Ethyl methacrylate	69	8.795	8.789	0.006	85	79904	20.0	18.0	
87 1,1,2-Trichloroethane	83	8.994	8.994	0.000	92	49570	20.0	18.2	
88 Tetrachloroethene	166	9.104	9.099	0.005	96	88990	20.0	17.5	
89 1,3-Dichloropropane	76	9.256	9.256	0.000	92	108332	20.0	18.4	
90 2-Hexanone	43	9.335	9.340	-0.005	94	172400	100.0	92.6	
93 n-Butyl acetate	43	9.497	9.487	0.010	97	79084	20.0	19.1	
91 Chlorodibromomethane	129	9.539	9.529	0.010	96	74976	20.0	18.9	
92 Ethylene Dibromide	107	9.728	9.728	0.000	99	63417	20.0	17.9	
* 94 Chlorobenzene-d5	117	10.415	10.415	0.000	88	441075	50.0	50.0	
95 Chlorobenzene	112	10.462	10.457	0.005	94	199153	20.0	18.1	
97 Ethylbenzene	106	10.603	10.598	0.005	98	113444	20.0	18.7	
96 1,1,1,2-Tetrachloroethane	131	10.603	10.604	-0.001	44	77673	20.0	18.3	
98 m-Xylene & p-Xylene	106	10.792	10.792	0.000	92	132994	20.0	18.1	
101 n-Butyl acrylate	73	11.390	11.395	-0.005	96	45539	20.0	18.2	
99 o-Xylene	106	11.411	11.411	0.000	93	130609	20.0	18.4	
100 Styrene	104	11.448	11.442	0.006	93	207392	20.0	18.6	
102 Bromoform	173	11.710	11.705	0.005	69	48311	20.0	17.7	
103 Amyl acetate (mixed isomers)	43	11.710	11.715	-0.005	92	85733	20.0	18.1	
104 Isopropylbenzene	105	11.904	11.904	0.000	96	348165	20.0	20.5	
$ 105 4-Bromofluorobenzene	174	12.145	12.145	0.000	89	191146	50.0	49.2	
106 Bromobenzene	156	12.313	12.308	0.005	93	89254	20.0	18.2	
107 1,1,2,2-Tetrachloroethane	83	12.349	12.355	-0.006	94	72289	20.0	18.7	
108 1,2,3-Trichloropropane	110	12.407	12.412	-0.005	59	27328	20.0	18.1	
110 N-Propylbenzene	91	12.418	12.418	0.000	99	410671	20.0	19.5	
109 trans-1,4-Dichloro-2-butene	53	12.433	12.428	0.005	55	24531	20.0	18.5	a
111 2-Chlorotoluene	91	12.533	12.533	0.000	94	289885	20.0	18.7	
112 4-Ethyltoluene	105	12.554	12.554	0.000	97	340808	20.0	19.3	
114 1,3,5-Trimethylbenzene	105	12.633	12.633	0.000	92	293230	20.0	18.9	
113 4-Chlorotoluene	91	12.664	12.669	-0.005	98	267545	20.0	18.1	M
115 Butyl Methacrylate	87	12.748	12.748	0.000	87	85370	20.0	19.2	
116 tert-Butylbenzene	119	12.973	12.973	0.000	92	244575	20.0	18.5	
117 1,2,4-Trimethylbenzene	105	13.036	13.036	0.000	97	298722	20.0	18.9	
118 sec-Butylbenzene	105	13.204	13.204	0.000	97	336579	20.0	19.1	
119 1,3-Dichlorobenzene	146	13.340	13.335	0.005	95	160827	20.0	18.6	
122 4-Isopropyltoluene	119	13.351	13.351	0.000	95	293976	20.0	18.7	
* 120 1,4-Dichlorobenzene-d4	152	13.414	13.414	0.000	95	256845	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.435	13.440	-0.005	91	164002	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	13.466	13.466	0.000	99	319596	20.0	20.0	
124 Benzyl chloride	91	13.576	13.576	0.000	99	172916	20.0	20.6	
125 2,3-Dihydroindene	117	13.655	13.655	0.000	93	268447	20.0	20.3	
127 p-Diethylbenzene	119	13.723	13.723	0.000	92	172609	20.0	18.9	
128 n-Butylbenzene	92	13.744	13.744	0.000	97	142634	20.0	19.4	
126 1,2-Dichlorobenzene	146	13.791	13.791	0.000	95	146787	20.0	18.4	
130 1,2,4,5-Tetramethylbenzene	119	14.426	14.426	0.000	96	257867	20.0	18.9	
129 1,2-Dibromo-3-Chloropropane	157	14.499	14.504	-0.005	95	16568	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	14.641	14.641	0.000	97	108450	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	15.149	15.149	0.000	94	82471	20.0	17.4	
133 Hexachlorobutadiene	225	15.249	15.244	0.005	79	45652	20.0	17.8	
134 Naphthalene	128	15.348	15.349	-0.001	99	189281	20.0	17.0	
135 1,2,3-Trichlorobenzene	180	15.548	15.548	0.000	97	65096	20.0	16.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.2	
S 137 Xylenes, Total	100				0		40.0	36.6	
S 140 Total BTEX	1				0		100.0	91.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

7 Freons SS_00026	Amount Added:	20.00	Units: uL	
8260 SP_00191	Amount Added:	20.00	Units: uL	
GAS C SP_00619	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00176	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Apr-2025 14:12:38 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689621.D

Injection Date: 19-Apr-2025 13:06:35 Instrument ID: CVOAMS15

Lims ID: ICV

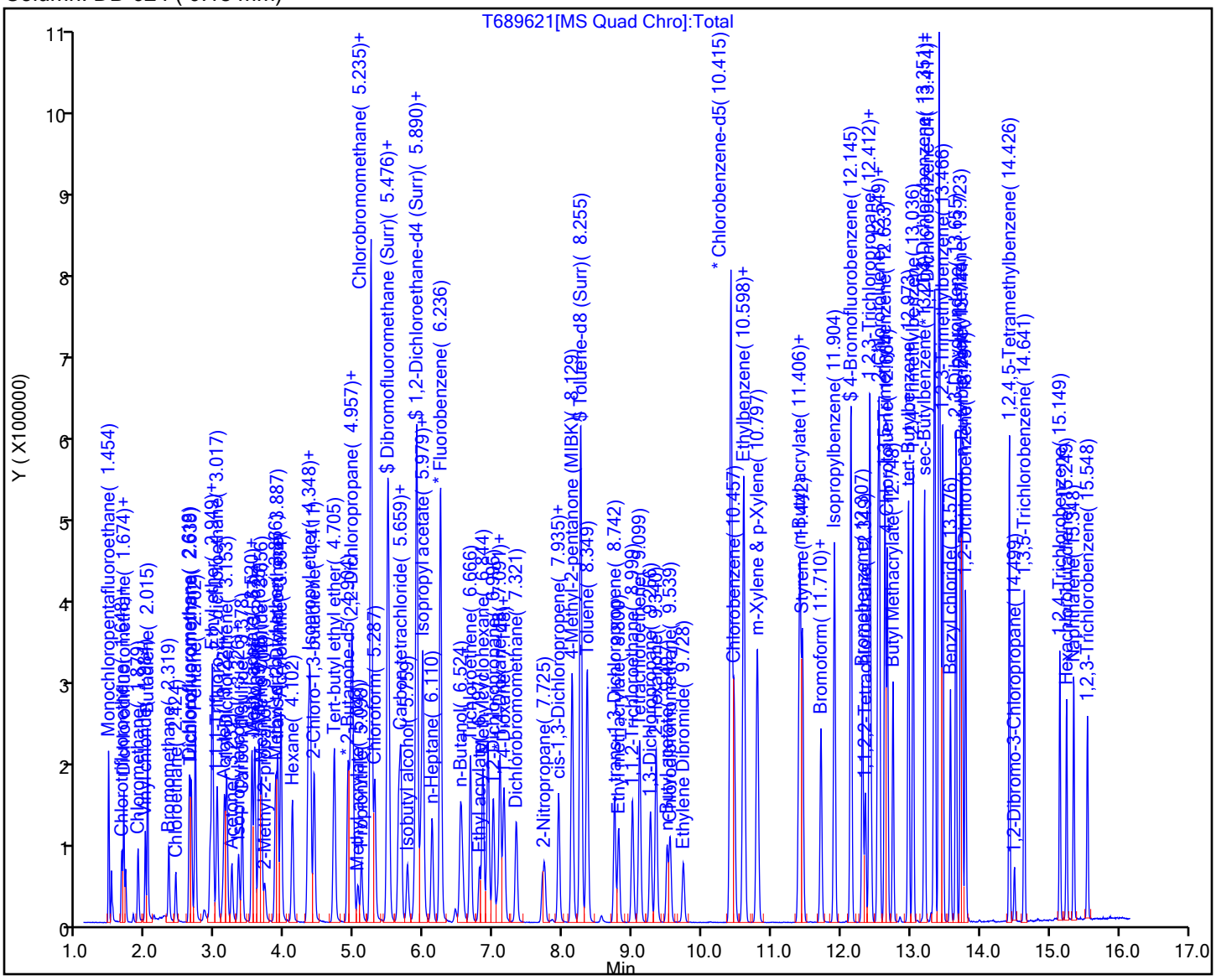
Client ID:

Operator ID: ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

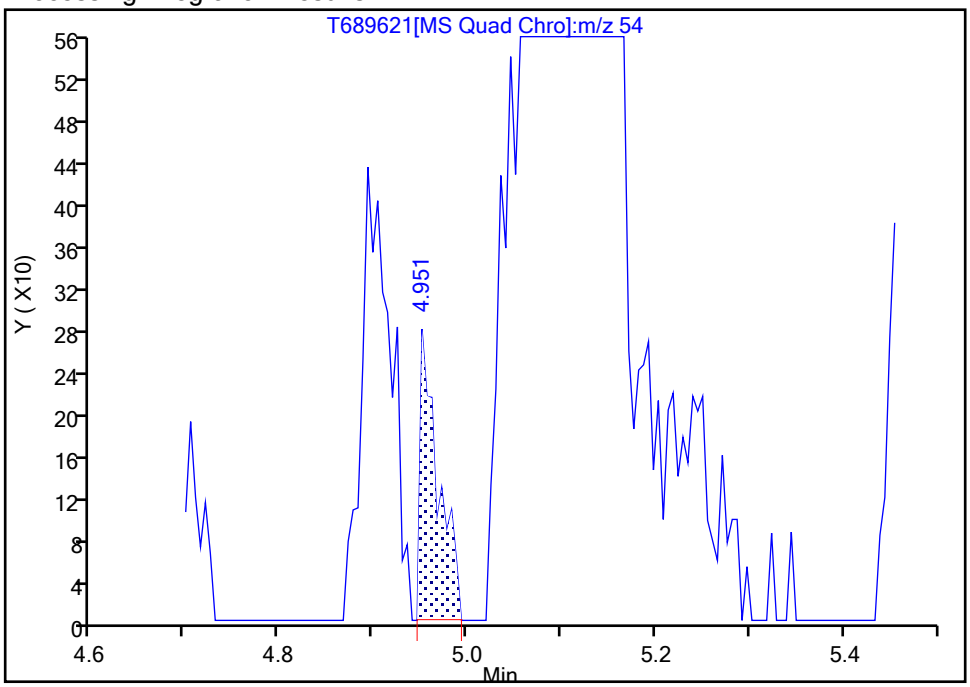
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689621.D
Injection Date: 19-Apr-2025 13:06:35 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

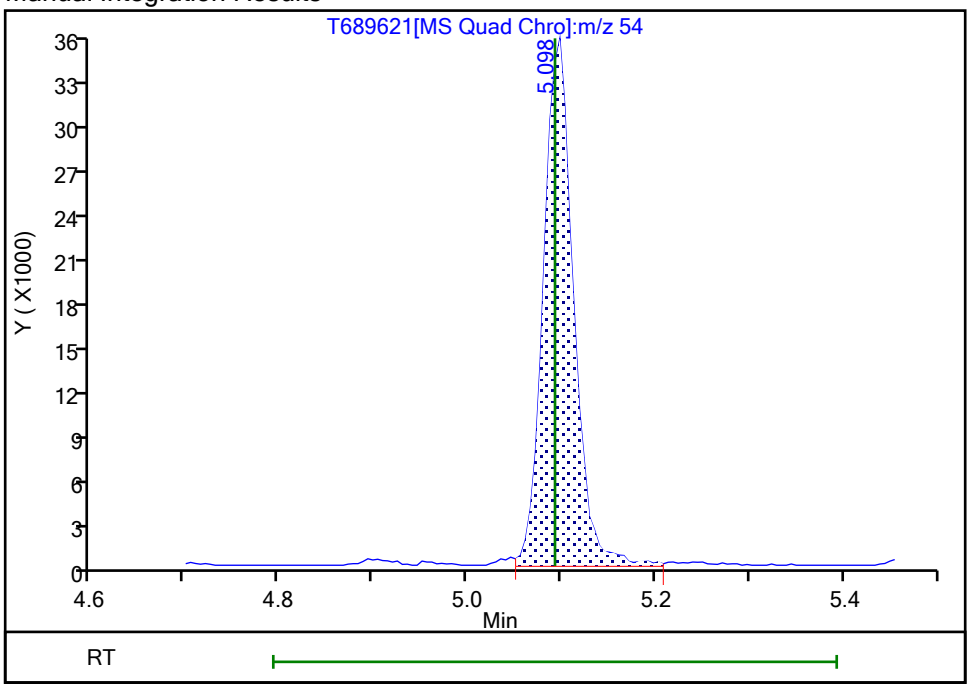
Processing Integration Results

RT: 4.95
Area: 368
Amount: 0.886416
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 77688
Amount: 187.1300
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:49:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

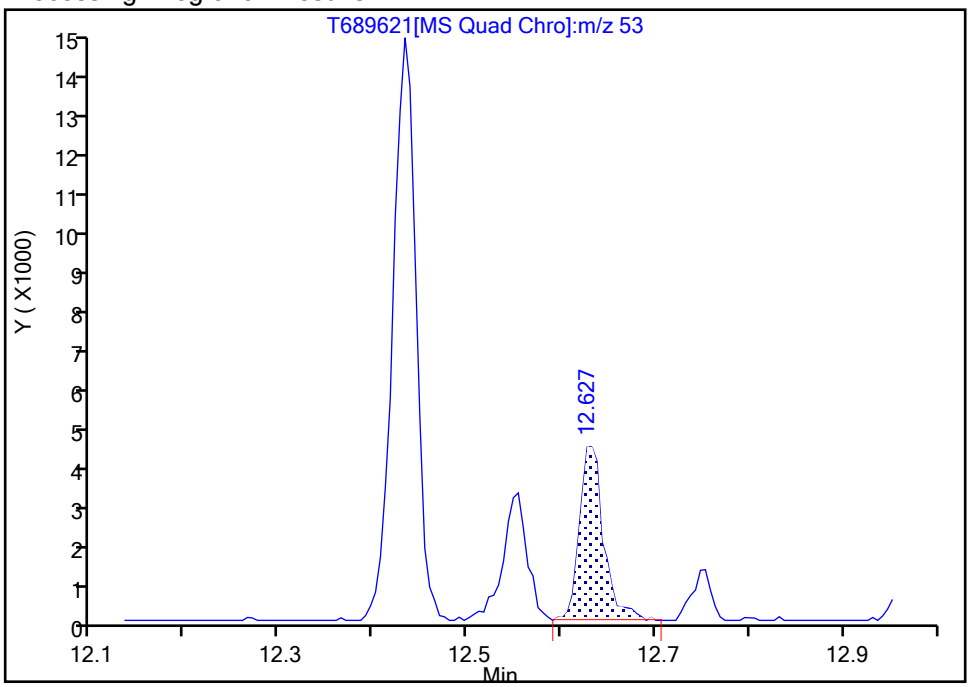
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689621.D
Injection Date: 19-Apr-2025 13:06:35 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

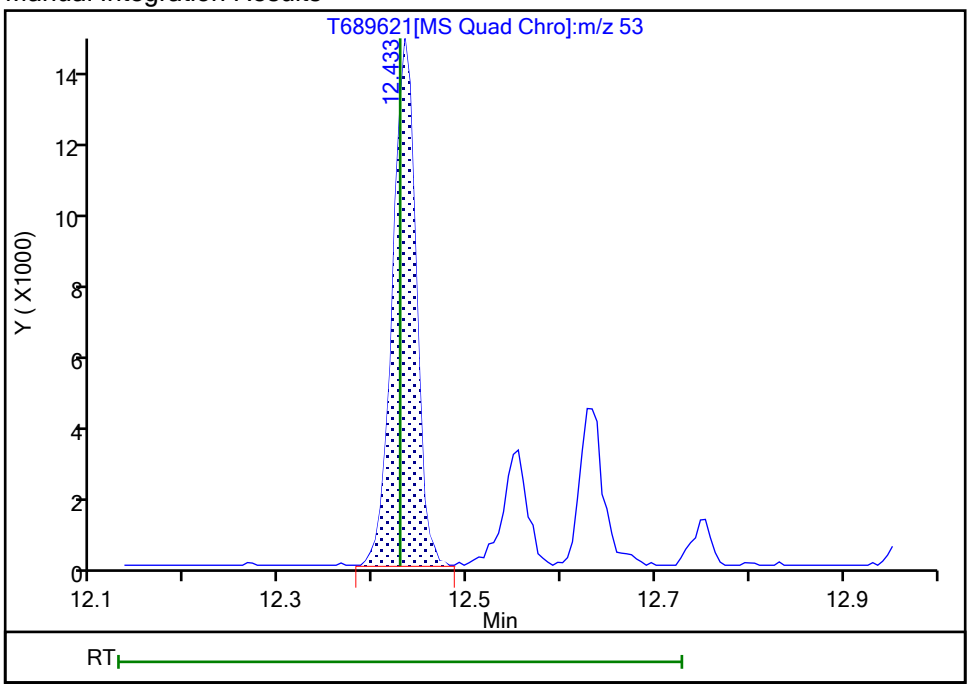
Processing Integration Results

RT: 12.63
Area: 7562
Amount: 5.692884
Amount Units: ug/l



Manual Integration Results

RT: 12.43
Area: 24531
Amount: 18.467621
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:50:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

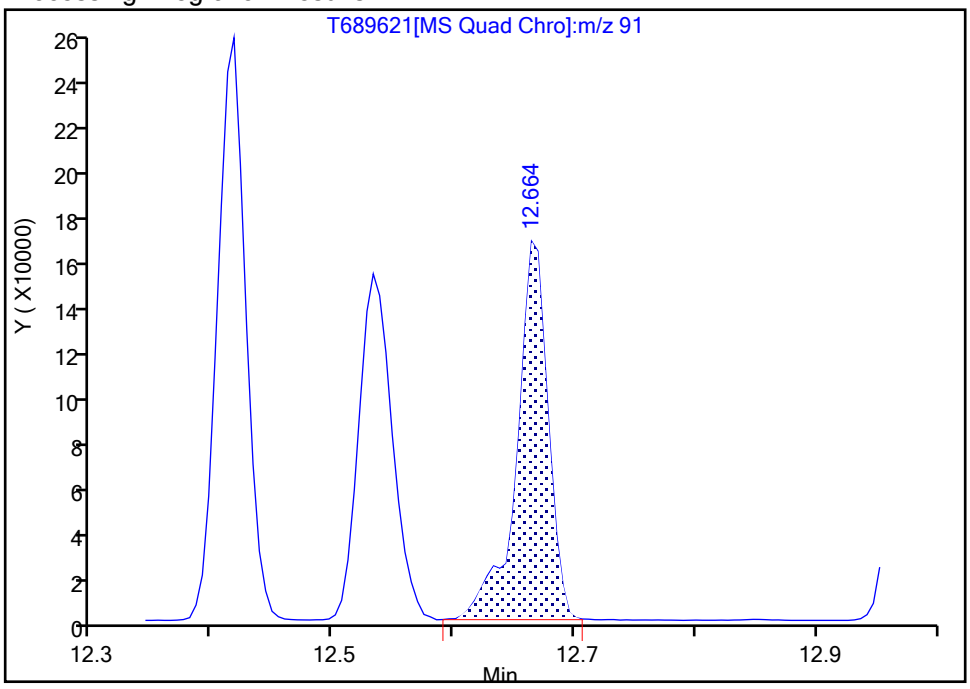
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689621.D
Injection Date: 19-Apr-2025 13:06:35 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

113 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

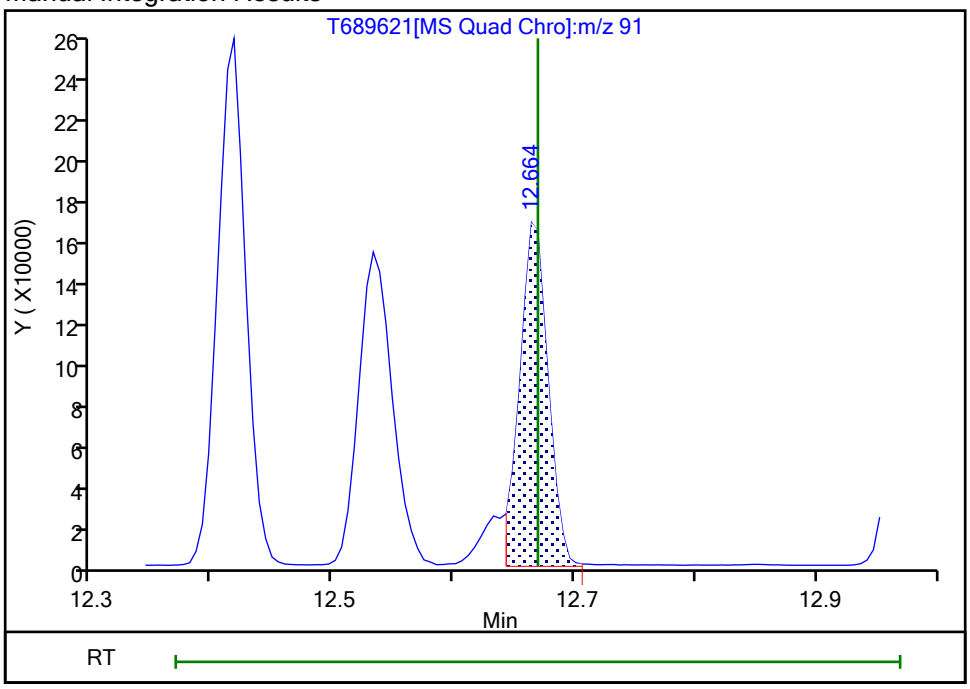
Processing Integration Results

RT: 12.66
Area: 297615
Amount: 20.124415
Amount Units: ug/l



Manual Integration Results

RT: 12.66
Area: 267545
Amount: 18.091113
Amount Units: ug/l



Reviewer: NN6A, 21-Apr-2025 13:50:25 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: CCVIS 460-1036114/2 Calibration Date: 05/07/2025 18:14

Instrument ID: CVOAMS15 Calib Start Date: 03/25/2025 19:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/25/2025 22:44

Lab File ID: T690541.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloroethyl vinyl ether	Ave				1.00	20.0		

Report Date: 08-May-2025 11:28:59 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-May-2025 18:14:44 ALS Bottle#: 30 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0190476-002
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:28:59 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 06:51:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.543	1.543	0.000	43	1380	20.0	13.8	
3 Chlorotrifluoroethene	116	1.669	1.669	0.000	67	3301	20.0	5.62	
2 1,1-Difluoroethane	65	1.685	1.685	0.000	94	19809	20.0	22.3	
4 Dichlorodifluoromethane	85	1.706	1.706	0.000	99	68576	20.0	17.6	
5 Chlorodifluoromethane	67	1.732	1.732	0.000	97	8922	20.0	18.4	
6 Chloromethane	50	1.916	1.916	0.000	100	69191	20.0	21.9	
7 Vinyl chloride	62	2.020	2.020	0.000	99	69591	20.0	25.3	
8 Butadiene	54	2.052	2.052	0.000	96	64464	20.0	23.9	
9 Bromomethane	94	2.361	2.361	0.000	96	14336	20.0	9.67	
10 Chloroethane	64	2.461	2.461	0.000	100	38908	20.0	23.0	
11 Dichlorofluoromethane	67	2.660	2.660	0.000	99	105902	20.0	19.6	
12 Trichlorofluoromethane	101	2.686	2.686	0.000	98	89353	20.0	16.9	
13 Pentane	72	2.749	2.749	0.000	96	14975	40.0	31.4	
14 Ethanol	46	2.880	2.880	0.000	98	8411	800.0	1498.0	
15 Ethyl ether	59	2.964	2.964	0.000	90	39063	20.0	18.3	
17 2-Methyl-1,3-butadiene	53	2.990	2.990	0.000	86	42321	20.0	19.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	3.006	3.006	0.000	93	43891	20.0	18.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.064	3.064	0.000	96	68263	20.0	20.3	
19 Acrolein	56	3.142	3.142	0.000	97	12906	40.0	36.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.174	3.174	0.000	94	42413	20.0	16.2	
20 1,1-Dichloroethene	96	3.205	3.205	0.000	98	48536	20.0	19.4	
22 Acetone	43	3.284	3.284	0.000	86	69846	100.0	94.0	
25 Isopropyl alcohol	45	3.373	3.373	0.000	72	26089	200.0	260.0	
23 Iodomethane	142	3.378	3.378	0.000	97	35004	20.0	10.4	
24 Carbon disulfide	76	3.431	3.431	0.000	99	140901	20.0	18.0	
27 3-Chloro-1-propene	76	3.572	3.572	0.000	90	29917	20.0	21.7	
28 Methyl acetate	43	3.572	3.572	0.000	89	66409	40.0	42.9	
26 Acetonitrile	41	3.609	3.609	0.000	72	87249	200.0	89.5	
29 Cyclopentene	67	3.614	3.614	0.000	85	133119	20.0	19.3	
* 31 TBA-d9 (IS)	66	3.677	3.677	0.000	98	27439	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.709	3.709	0.000	88	55825	20.0	20.9	
32 2-Methyl-2-propanol	59	3.761	3.761	0.000	95	35674	200.0	190.9	
35 Methyl tert-butyl ether	73	3.918	3.918	0.000	96	132047	20.0	16.7	
34 trans-1,2-Dichloroethene	96	3.950	3.950	0.000	93	53429	20.0	19.1	
33 Acrylonitrile	53	3.992	3.992	0.000	94	173919	200.0	231.8	
36 Hexane	57	4.160	4.160	0.000	93	47510	20.0	15.7	
40 Isopropyl ether	45	4.390	4.390	0.000	92	147698	20.0	21.8	
37 1,1-Dichloroethane	63	4.411	4.411	0.000	80	92735	20.0	18.9	
38 Vinyl acetate	86	4.422	4.422	0.000	99	15907	40.0	11.1	
39 2-Chloro-1,3-butadiene	88	4.474	4.474	0.000	89	45157	20.0	18.4	
41 Tert-butyl ethyl ether	59	4.763	4.763	0.000	91	131676	20.0	16.9	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	53	201345	250.0	250.0	sa
44 2,2-Dichloropropane	97	5.004	5.004	0.000	90	16924	20.0	16.6	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	69	57922	20.0	18.7	
45 2-Butanone (MEK)	72	5.025	5.025	0.000	99	29093	100.0	96.2	
46 Propionitrile	54	5.156	5.156	0.000	98	67425	200.0	223.5	
47 Ethyl acetate	70	5.046	5.046	0.000	96	11282	40.0	15.0	
48 Methyl acrylate	55	5.109	5.109	0.000	99	37426	20.0	18.1	
49 Chlorobromomethane	128	5.287	5.287	0.000	50	24403	20.0	17.3	
51 Tetrahydrofuran	72	5.297	5.297	0.000	27	12406	40.0	14.6	
50 Methacrylonitrile	67	5.297	5.297	0.000	93	204286	200.0	211.5	
52 Chloroform	83	5.350	5.350	0.000	99	99698	20.0	17.6	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	96362	50.0	41.7	
54 1,1,1-Trichloroethane	97	5.544	5.544	0.000	96	90871	20.0	16.3	
55 Cyclohexane	84	5.554	5.554	0.000	87	68042	20.0	17.0	
56 Carbon tetrachloride	117	5.701	5.701	0.000	98	75698	20.0	16.0	
57 1,1-Dichloropropene	75	5.727	5.727	0.000	97	74945	20.0	17.8	
59 Isobutyl alcohol	43	5.822	5.822	0.000	97	40231	500.0	643.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	80	125260	50.0	42.3	
62 Isooctane	57	5.958	5.958	0.000	54	79043	20.0	14.0	
60 Benzene	78	5.958	5.958	0.000	95	216049	20.0	22.7	
63 Isopropyl acetate	61	6.010	6.010	0.000	97	23049	20.0	18.1	a
61 1,2-Dichloroethane	62	6.047	6.047	0.000	80	72903	20.0	15.1	
64 Tert-amyl methyl ether	73	6.042	6.042	0.000	96	129087	20.0	17.2	
66 n-Heptane	43	6.178	6.178	0.000	92	36818	20.0	15.2	
* 65 Fluorobenzene	96	6.299	6.299	0.000	98	400409	50.0	50.0	
68 n-Butanol	56	6.619	6.619	0.000	92	24672	500.0	553.8	
67 Trichloroethene	95	6.734	6.734	0.000	98	59241	20.0	18.1	
69 Ethyl acrylate	55	6.860	6.860	0.000	99	50084	20.0	17.3	
70 Methylcyclohexane	83	6.912	6.912	0.000	95	66325	20.0	15.8	
71 1,2-Dichloropropane	63	7.064	7.064	0.000	87	50869	20.0	19.4	
* 73 1,4-Dioxane-d8	96	7.122	7.122	0.000	1	24170	1000.0	1000.0	
75 Methyl methacrylate	100	7.159	7.159	0.000	87	24222	40.0	37.8	
74 1,4-Dioxane	88	7.190	7.190	0.000	80	12266	400.0	437.7	
72 Dibromomethane	93	7.211	7.211	0.000	83	32047	20.0	17.4	
76 n-Propyl acetate	43	7.227	7.227	0.000	98	66988	20.0	21.0	
77 Dichlorobromomethane	83	7.400	7.400	0.000	98	67451	20.0	16.0	
78 2-Nitropropane	41	7.777	7.777	0.000	90	18856	40.0	25.1	
80 Epichlorohydrin	57	7.914	7.914	0.000	99	60850	400.0	156.1	
81 cis-1,3-Dichloropropene	75	8.003	8.003	0.000	92	85974	20.0	20.7	
82 4-Methyl-2-pentanone (MIBK)	43	8.197	8.197	0.000	97	205354	100.0	107.8	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	98	372130	50.0	53.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.417	8.417	0.000	93	223958	20.0	20.9	
85 trans-1,3-Dichloropropene	75	8.810	8.810	0.000	95	72094	20.0	19.0	
86 Ethyl methacrylate	69	8.868	8.868	0.000	88	59962	20.0	21.0	
87 1,1,2-Trichloroethane	83	9.072	9.072	0.000	95	37647	20.0	21.4	
88 Tetrachloroethene	166	9.172	9.172	0.000	91	53950	20.0	16.5	
89 1,3-Dichloropropane	76	9.329	9.329	0.000	89	80640	20.0	21.3	
90 2-Hexanone	43	9.408	9.408	0.000	96	139899	100.0	103.4	
93 n-Butyl acetate	43	9.565	9.565	0.000	97	62657	20.0	23.5	
91 Chlorodibromomethane	129	9.612	9.612	0.000	96	46629	20.0	18.3	
92 Ethylene Dibromide	107	9.801	9.801	0.000	99	43915	20.0	19.3	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	88	284183	50.0	50.0	
95 Chlorobenzene	112	10.535	10.535	0.000	93	142689	20.0	20.2	
97 Ethylbenzene	106	10.672	10.672	0.000	98	78864	20.0	20.2	
96 1,1,1,2-Tetrachloroethane	131	10.672	10.672	0.000	41	48500	20.0	17.7	
98 m-Xylene & p-Xylene	106	10.866	10.866	0.000	92	93025	20.0	19.7	
101 n-Butyl acrylate	73	11.453	11.453	0.000	96	31836	20.0	19.8	
99 o-Xylene	106	11.474	11.474	0.000	93	90959	20.0	19.9	
100 Styrene	104	11.510	11.510	0.000	93	146786	20.0	20.4	
102 Bromoform	173	11.773	11.773	0.000	61	26510	20.0	15.1	
103 Amyl acetate (mixed isomers)	43	11.773	11.773	0.000	90	64876	20.0	24.2	
104 Isopropylbenzene	105	11.961	11.961	0.000	96	219590	20.0	20.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	84	105588	50.0	42.2	
106 Bromobenzene	156	12.365	12.365	0.000	98	54441	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	12.402	12.402	0.000	93	48621	20.0	22.3	
108 1,2,3-Trichloropropane	110	12.454	12.454	0.000	62	19135	20.0	22.5	
110 N-Propylbenzene	91	12.465	12.465	0.000	98	285795	20.0	24.0	
111 2-Chlorotoluene	91	12.585	12.585	0.000	96	198400	20.0	22.7	
112 4-Ethyltoluene	105	12.601	12.601	0.000	96	228868	20.0	22.9	
114 1,3,5-Trimethylbenzene	105	12.680	12.680	0.000	90	191268	20.0	21.8	
113 4-Chlorotoluene	91	12.716	12.716	0.000	99	199867	20.0	23.9	
109 trans-1,4-Dichloro-2-butene	53	12.486	12.486	0.000	56	13572	20.0	18.1	a
115 Butyl Methacrylate	87	12.795	12.795	0.000	88	52982	20.0	21.1	
116 tert-Butylbenzene	119	13.015	13.015	0.000	87	158383	20.0	21.2	
117 1,2,4-Trimethylbenzene	105	13.083	13.083	0.000	97	195163	20.0	21.8	
118 sec-Butylbenzene	105	13.246	13.246	0.000	98	222409	20.0	22.3	
119 1,3-Dichlorobenzene	146	13.382	13.382	0.000	93	99588	20.0	20.3	
122 4-Isopropyltoluene	119	13.398	13.398	0.000	93	193518	20.0	21.8	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	97	145019	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.482	13.482	0.000	92	100625	20.0	20.0	
123 1,2,3-Trimethylbenzene	105	13.508	13.508	0.000	99	195349	20.0	21.6	
124 Benzyl chloride	91	13.618	13.618	0.000	98	75880	20.0	16.0	
125 2,3-Dihydroindene	117	13.697	13.697	0.000	89	162689	20.0	21.8	
127 p-Diethylbenzene	119	13.765	13.765	0.000	90	107996	20.0	21.0	
128 n-Butylbenzene	92	13.786	13.786	0.000	97	95425	20.0	22.9	
126 1,2-Dichlorobenzene	146	13.838	13.838	0.000	94	89005	20.0	19.8	
130 1,2,4,5-Tetramethylbenzene	119	14.462	14.462	0.000	96	155780	20.0	20.2	
129 1,2-Dibromo-3-Chloropropane	157	14.536	14.536	0.000	90	9385	20.0	18.4	
131 1,3,5-Trichlorobenzene	180	14.677	14.677	0.000	95	55708	20.0	17.8	
132 1,2,4-Trichlorobenzene	180	15.191	15.191	0.000	92	46042	20.0	17.2	
133 Hexachlorobutadiene	225	15.285	15.285	0.000	73	21869	20.0	15.1	
134 Naphthalene	128	15.390	15.390	0.000	99	126055	20.0	20.0	
135 1,2,3-Trichlorobenzene	180	15.590	15.590	0.000	93	38020	20.0	16.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.8	
S 137 Xylenes, Total	100				0		40.0	39.6	
S 140 Total BTEX	1				0		100.0	103.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.7	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
GASES Li_00640	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-May-2025 11:29:00 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D

Injection Date: 07-May-2025 18:14:44 Instrument ID: CVOAMS15

Lims ID: CCVIS

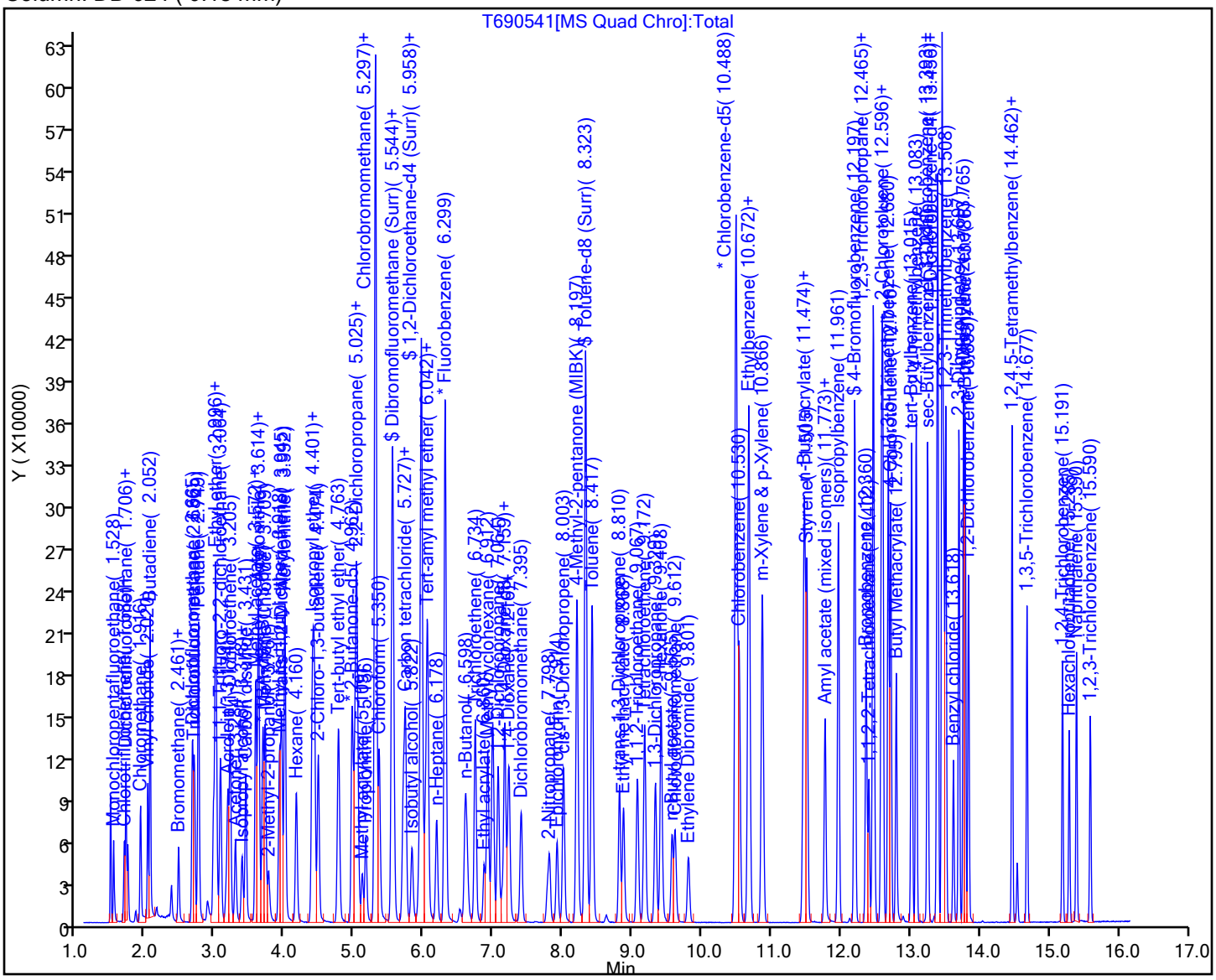
Client ID:

Operator ID: ALS Bottle#: 30 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

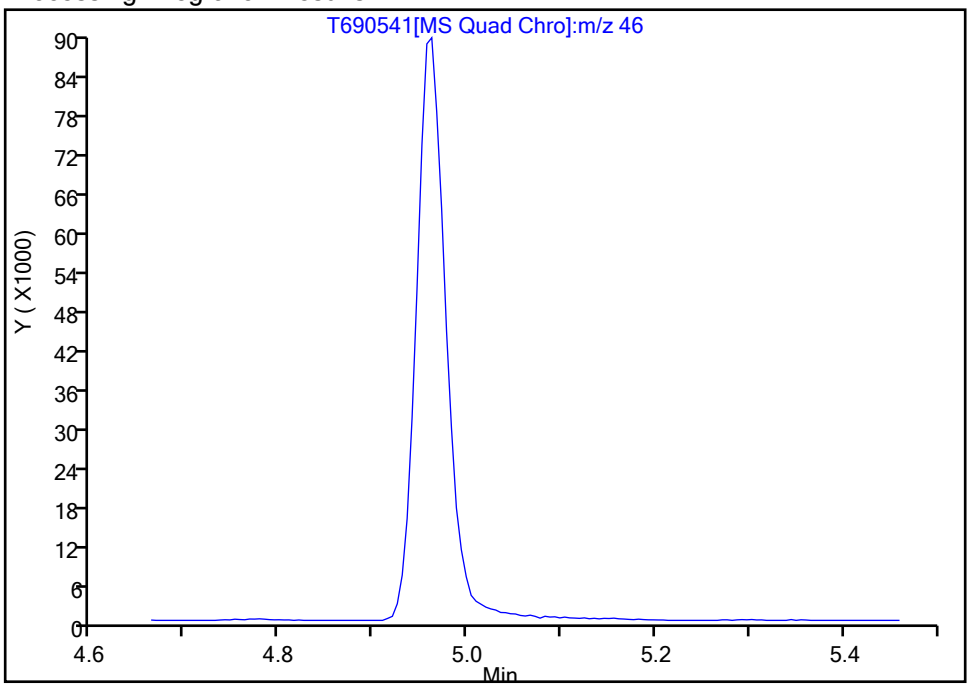
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D
Injection Date: 07-May-2025 18:14:44 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 30 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

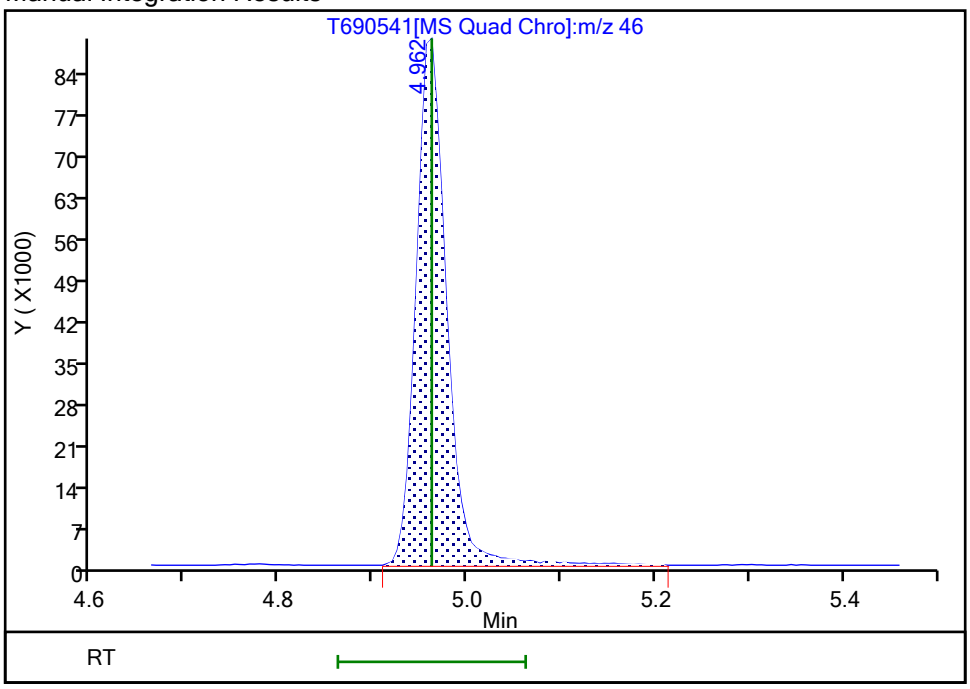
Not Detected
Expected RT: 4.96

Processing Integration Results



Manual Integration Results

RT: 4.96
Area: 201345
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 08-May-2025 07:18:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: CCVIS 460-1036114/2 Calibration Date: 05/07/2025 18:14

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T690541.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0125	0.0086		13.8	20.0	-31.0*	20.0
Chlorotrifluoroethene	Ave	0.0734	0.0206		5.62	20.0	-71.9*	20.0
1,1-Difluoroethane	QuaF		0.1237		22.3	20.0	11.6	20.0
Dichlorodifluoromethane	Ave	0.4877	0.4282	0.1000	17.6	20.0	-12.2	20.0
Chlorodifluoromethane	Qua2		0.0557		18.4	20.0	-8.0	20.0
Chloromethane	Ave	0.3944	0.4320	0.1000	21.9	20.0	9.5	20.0
Vinyl chloride	Ave	0.3433	0.4345	0.1000	25.3	20.0	26.5*	20.0
Butadiene	Ave	0.3365	0.4025		23.9	20.0	19.6	20.0
Bromomethane	Qua2		0.0895*	0.1000	9.67	20.0	-51.6*	50.0
Chloroethane	Ave	0.2112	0.2429	0.1000	23.0	20.0	15.0	50.0
Dichlorofluoromethane	Ave	0.6744	0.6612		19.6	20.0	-2.0	20.0
Trichlorofluoromethane	Ave	0.6601	0.5579	0.1000	16.9	20.0	-15.5	20.0
Pentane	Ave	0.0595	0.0467		31.4	40.0	-21.4*	20.0
Ethanol	Ave	0.2046	0.3832		1500	800	87.2*	50.0
Ethyl ether	Ave	0.2666	0.2439		18.3	20.0	-8.5	20.0
2-Methyl-1,3-butadiene	Ave	0.2694	0.2642		19.6	20.0	-1.9	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2921	0.2740		18.8	20.0	-6.2	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4198	0.4262		20.3	20.0	1.5	20.0
Acrolein	Ave	0.0440	0.0403		36.6	40.0	-8.4	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3269	0.2648	0.1000	16.2	20.0	-19.0	20.0
1,1-Dichloroethene	Ave	0.3131	0.3030	0.1000	19.4	20.0	-3.2	20.0
Acetone	QuaF		0.0872	0.0010	94.0	100	-6.0	50.0
Isopropyl alcohol	Ave	3.657	4.754		260	200	30.0	50.0
Iodomethane	QuaF		0.2186		10.4	20.0	-48.2*	20.0
Carbon disulfide	Ave	0.9771	0.8797	0.1000	18.0	20.0	-10.0	50.0
3-Chloro-1-propene	Ave	0.1724	0.1868		21.7	20.0	8.3	20.0
Methyl acetate	Ave	0.1932	0.2073	0.0500	42.9	40.0	7.3	20.0
Acetonitrile	QuaF		0.5417		89.5	200	-55.3*	20.0
Cyclopentene	Ave	0.8602	0.8311		19.3	20.0	-3.4	20.0
Methylene Chloride	Ave	0.3339	0.3485	0.1000	20.9	20.0	4.4	20.0
2-Methyl-2-propanol	Ave	6.812	6.501		191	200	-4.6	50.0
Methyl tert-butyl ether	Ave	0.9871	0.8245	0.1000	16.7	20.0	-16.5	20.0
trans-1,2-Dichloroethene	Ave	0.3500	0.3336	0.1000	19.1	20.0	-4.7	20.0
Acrylonitrile	Ave	0.0937	0.1086		232	200	15.9	20.0
Hexane	Ave	0.3773	0.2966		15.7	20.0	-21.4*	20.0
Isopropyl ether	Ave	0.8441	0.9222		21.8	20.0	9.2	20.0
1,1-Dichloroethane	Ave	0.6111	0.5790	0.2000	18.9	20.0	-5.3	20.0
Vinyl acetate	Ave	1.772	0.4938		11.1	40.0	-72.1*	20.0
2-Chloro-1,3-butadiene	Ave	0.3066	0.2819		18.4	20.0	-8.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: CCVIS 460-1036114/2 Calibration Date: 05/07/2025 18:14

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T690541.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.9742	0.8221		16.9	20.0	-15.6	20.0
2,2-Dichloropropane	Ave	0.1270	0.1057		16.6	20.0	-16.8	20.0
2-Butanone (MEK)	Lin2		0.0363	0.0100	96.2	100	-3.8	50.0
cis-1,2-Dichloroethene	Ave	0.3859	0.3616	0.1000	18.7	20.0	-6.3	20.0
Ethyl acetate	Ave	0.9308	0.3502		15.0	40.0	-62.4*	20.0
Methyl acrylate	Ave	0.2581	0.2337		18.1	20.0	-9.5	20.0
Propionitrile	Ave	0.0377	0.0421		224	200	11.8	20.0
Chlorobromomethane	Ave	0.1760	0.1524		17.3	20.0	-13.4	20.0
Methacrylonitrile	Ave	0.1206	0.1275		211	200	5.7	20.0
Tetrahydrofuran	QuaF		0.3851		14.6	40.0	-63.5*	20.0
Chloroform	Ave	0.7060	0.6225	0.2000	17.6	20.0	-11.8	20.0
1,1,1-Trichloroethane	Ave	0.6942	0.5674	0.1000	16.3	20.0	-18.3	20.0
Cyclohexane	Ave	0.5006	0.4248	0.1000	17.0	20.0	-15.1	50.0
Carbon tetrachloride	Ave	0.5899	0.4726	0.1000	16.0	20.0	-19.9	20.0
1,1-Dichloropropene	Ave	0.5261	0.4679		17.8	20.0	-11.1	20.0
Isobutyl alcohol	QuaF		2.932		644	500	28.7*	20.0
Benzene	Ave	1.677	1.901	0.5000	22.7	20.0	13.3	20.0
Isooctane	Ave	0.7038	0.4935		14.0	20.0	-29.9*	20.0
Isopropyl acetate	Ave	0.1592	0.1439		18.1	20.0	-9.6	20.0
Tert-amyl methyl ether	Ave	0.9365	0.8060		17.2	20.0	-13.9	20.0
1,2-Dichloroethane	Ave	0.6009	0.4552	0.1000	15.1	20.0	-24.3*	20.0
n-Heptane	Ave	0.3015	0.2299		15.2	20.0	-23.8*	20.0
n-Butanol	Ave	1.624	1.798		554	500	10.8	50.0
Trichloroethene	Ave	0.4084	0.3699	0.2000	18.1	20.0	-9.4	20.0
Ethyl acrylate	Ave	0.3606	0.3127		17.3	20.0	-13.3	20.0
Methylcyclohexane	Ave	0.5243	0.4141	0.1000	15.8	20.0	-21.0	50.0
1,2-Dichloropropane	Ave	0.3276	0.3176	0.1000	19.4	20.0	-3.0	20.0
Methyl methacrylate	Ave	0.0800	0.0756		37.8	40.0	-5.5	20.0
1,4-Dioxane	Ave	1.159	1.269		438	400	9.4	50.0
Dibromomethane	Ave	0.2302	0.2001		17.4	20.0	-13.1	20.0
n-Propyl acetate	Ave	0.3979	0.4182		21.0	20.0	5.1	20.0
Dichlorobromomethane	Ave	0.5267	0.4211	0.2000	16.0	20.0	-20.0	20.0
2-Nitropropane	Ave	0.0936	0.0589		25.1	40.0	-37.1*	20.0
Epichlorohydrin	QuaF		0.1889		156	400	-61.0*	20.0
cis-1,3-Dichloropropene	Ave	0.7297	0.7563	0.2000	20.7	20.0	3.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2378	0.2564	0.0500	108	100	7.8	50.0
Toluene	Ave	1.883	1.970	0.4000	20.9	20.0	4.7	20.0
trans-1,3-Dichloropropene	Ave	0.6689	0.6342	0.1000	19.0	20.0	-5.2	50.0
Ethyl methacrylate	Ave	0.5025	0.5275		21.0	20.0	5.0	20.0
1,1,2-Trichloroethane	Ave	0.3091	0.3312	0.1000	21.4	20.0	7.2	20.0
Tetrachloroethene	Ave	0.5767	0.4746	0.2000	16.5	20.0	-17.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: CCVIS 460-1036114/2 Calibration Date: 05/07/2025 18:14

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T690541.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.6660	0.7094		21.3	20.0	6.5	20.0
2-Hexanone	Ave	0.1689	0.1747	0.0500	103	100	3.4	50.0
n-Butyl acetate	QuaF		0.5512		23.5	20.0	17.6	20.0
Chlorodibromomethane	Ave	0.4493	0.4102	0.1000	18.3	20.0	-8.7	50.0
Ethylene Dibromide	Ave	0.4013	0.3863	0.1000	19.3	20.0	-3.7	20.0
Chlorobenzene	Ave	1.245	1.255	0.5000	20.2	20.0	0.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4811	0.4267		17.7	20.0	-11.3	20.0
Ethylbenzene	Ave	0.6880	0.6938	0.1000	20.2	20.0	0.8	20.0
m-Xylene & p-Xylene	Ave	0.8310	0.8184	0.1000	19.7	20.0	-1.5	20.0
n-Butyl acrylate	Ave	0.2834	0.2801		19.8	20.0	-1.2	20.0
o-Xylene	Ave	0.8030	0.8002	0.3000	19.9	20.0	-0.4	20.0
Styrene	Ave	1.264	1.291	0.3000	20.4	20.0	2.2	20.0
Amyl acetate (mixed isomers)	Ave	0.9245	1.118		24.2	20.0	21.0*	20.0
Bromoform	Ave	0.3088	0.2332	0.1000	15.1	20.0	-24.5*	20.0
Isopropylbenzene	Ave	1.930	1.932	0.1000	20.0	20.0	0.1	20.0
Bromobenzene	Ave	0.9524	0.9385		19.7	20.0	-1.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7516	0.8382	0.3000	22.3	20.0	11.5	20.0
1,2,3-Trichloropropane	Ave	0.2934	0.3299		22.5	20.0	12.4	20.0
N-Propylbenzene	Ave	4.110	4.927		24.0	20.0	19.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2586	0.2340		18.1	20.0	-9.5	20.0
2-Chlorotoluene	Ave	3.017	3.420		22.7	20.0	13.4	20.0
4-Ethyltoluene	Ave	3.440	3.945		22.9	20.0	14.7	20.0
1,3,5-Trimethylbenzene	Ave	3.022	3.297		21.8	20.0	9.1	20.0
4-Chlorotoluene	Ave	2.879	3.446		23.9	20.0	19.7	20.0
Butyl Methacrylate	Ave	0.8677	0.9134		21.1	20.0	5.3	20.0
tert-Butylbenzene	Ave	2.576	2.730		21.2	20.0	6.0	20.0
1,2,4-Trimethylbenzene	Ave	3.082	3.364		21.8	20.0	9.2	20.0
sec-Butylbenzene	Ave	3.437	3.834		22.3	20.0	11.6	20.0
1,3-Dichlorobenzene	Ave	1.688	1.717	0.6000	20.3	20.0	1.7	20.0
4-Isopropyltoluene	Ave	3.058	3.336		21.8	20.0	9.1	20.0
1,4-Dichlorobenzene	Ave	1.735	1.735	0.5000	20.0	20.0	-0.0	20.0
1,2,3-Trimethylbenzene	Ave	3.119	3.368		21.6	20.0	8.0	20.0
Benzyl chloride	Ave	1.632	1.308		16.0	20.0	-19.9	50.0
Indan	Ave	2.578	2.805		21.8	20.0	8.8	20.0
p-Diethylbenzene	Ave	1.777	1.862		21.0	20.0	4.8	20.0
n-Butylbenzene	Ave	1.435	1.645		22.9	20.0	14.7	20.0
1,2-Dichlorobenzene	Ave	1.551	1.534	0.4000	19.8	20.0	-1.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.655	2.686		20.2	20.0	1.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1762	0.1618	0.0500	18.4	20.0	-8.2	50.0
1,3,5-Trichlorobenzene	Ave	1.082	0.9604		17.8	20.0	-11.2	20.0
1,2,4-Trichlorobenzene	Ave	0.9208	0.7937	0.2000	17.2	20.0	-13.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Lab Sample ID: CCVIS 460-1036114/2 Calibration Date: 05/07/2025 18:14

Instrument ID: CVOAMS15 Calib Start Date: 04/19/2025 04:43

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/19/2025 10:26

Lab File ID: T690541.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	QuaF		0.3770		15.1	20.0	-24.4*	20.0
Naphthalene	Ave	2.169	2.173		20.0	20.0	0.2	50.0
1,2,3-Trichlorobenzene	Ave	0.7757	0.6554		16.9	20.0	-15.5	20.0
Dibromofluoromethane (Surr)	Ave	0.2888	0.2407		41.7	50.0	-16.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3701	0.3128		42.3	50.0	-15.5	20.0
Toluene-d8 (Surr)	Ave	1.219	1.309		53.7	50.0	7.4	20.0
4-Bromofluorobenzene	Ave	0.4405	0.3715		42.2	50.0	-15.7	20.0

Report Date: 08-May-2025 11:28:59 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-May-2025 18:14:44 ALS Bottle#: 30 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0190476-002
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 11:28:59 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: FK2C Date: 08-May-2025 06:51:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.543	1.543	0.000	43	1380	20.0	13.8	
3 Chlorotrifluoroethene	116	1.669	1.669	0.000	67	3301	20.0	5.62	
2 1,1-Difluoroethane	65	1.685	1.685	0.000	94	19809	20.0	22.3	
4 Dichlorodifluoromethane	85	1.706	1.706	0.000	99	68576	20.0	17.6	
5 Chlorodifluoromethane	67	1.732	1.732	0.000	97	8922	20.0	18.4	
6 Chloromethane	50	1.916	1.916	0.000	100	69191	20.0	21.9	
7 Vinyl chloride	62	2.020	2.020	0.000	99	69591	20.0	25.3	
8 Butadiene	54	2.052	2.052	0.000	96	64464	20.0	23.9	
9 Bromomethane	94	2.361	2.361	0.000	96	14336	20.0	9.67	
10 Chloroethane	64	2.461	2.461	0.000	100	38908	20.0	23.0	
11 Dichlorofluoromethane	67	2.660	2.660	0.000	99	105902	20.0	19.6	
12 Trichlorofluoromethane	101	2.686	2.686	0.000	98	89353	20.0	16.9	
13 Pentane	72	2.749	2.749	0.000	96	14975	40.0	31.4	
14 Ethanol	46	2.880	2.880	0.000	98	8411	800.0	1498.0	
15 Ethyl ether	59	2.964	2.964	0.000	90	39063	20.0	18.3	
17 2-Methyl-1,3-butadiene	53	2.990	2.990	0.000	86	42321	20.0	19.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	3.006	3.006	0.000	93	43891	20.0	18.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.064	3.064	0.000	96	68263	20.0	20.3	
19 Acrolein	56	3.142	3.142	0.000	97	12906	40.0	36.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.174	3.174	0.000	94	42413	20.0	16.2	
20 1,1-Dichloroethene	96	3.205	3.205	0.000	98	48536	20.0	19.4	
22 Acetone	43	3.284	3.284	0.000	86	69846	100.0	94.0	
25 Isopropyl alcohol	45	3.373	3.373	0.000	72	26089	200.0	260.0	
23 Iodomethane	142	3.378	3.378	0.000	97	35004	20.0	10.4	
24 Carbon disulfide	76	3.431	3.431	0.000	99	140901	20.0	18.0	
27 3-Chloro-1-propene	76	3.572	3.572	0.000	90	29917	20.0	21.7	
28 Methyl acetate	43	3.572	3.572	0.000	89	66409	40.0	42.9	
26 Acetonitrile	41	3.609	3.609	0.000	72	87249	200.0	89.5	
29 Cyclopentene	67	3.614	3.614	0.000	85	133119	20.0	19.3	
* 31 TBA-d9 (IS)	66	3.677	3.677	0.000	98	27439	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.709	3.709	0.000	88	55825	20.0	20.9	
32 2-Methyl-2-propanol	59	3.761	3.761	0.000	95	35674	200.0	190.9	
35 Methyl tert-butyl ether	73	3.918	3.918	0.000	96	132047	20.0	16.7	
34 trans-1,2-Dichloroethene	96	3.950	3.950	0.000	93	53429	20.0	19.1	
33 Acrylonitrile	53	3.992	3.992	0.000	94	173919	200.0	231.8	
36 Hexane	57	4.160	4.160	0.000	93	47510	20.0	15.7	
40 Isopropyl ether	45	4.390	4.390	0.000	92	147698	20.0	21.8	
37 1,1-Dichloroethane	63	4.411	4.411	0.000	80	92735	20.0	18.9	
38 Vinyl acetate	86	4.422	4.422	0.000	99	15907	40.0	11.1	
39 2-Chloro-1,3-butadiene	88	4.474	4.474	0.000	89	45157	20.0	18.4	
41 Tert-butyl ethyl ether	59	4.763	4.763	0.000	91	131676	20.0	16.9	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	53	201345	250.0	250.0	sa
44 2,2-Dichloropropane	97	5.004	5.004	0.000	90	16924	20.0	16.6	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	69	57922	20.0	18.7	
45 2-Butanone (MEK)	72	5.025	5.025	0.000	99	29093	100.0	96.2	
46 Propionitrile	54	5.156	5.156	0.000	98	67425	200.0	223.5	
47 Ethyl acetate	70	5.046	5.046	0.000	96	11282	40.0	15.0	
48 Methyl acrylate	55	5.109	5.109	0.000	99	37426	20.0	18.1	
49 Chlorobromomethane	128	5.287	5.287	0.000	50	24403	20.0	17.3	
51 Tetrahydrofuran	72	5.297	5.297	0.000	27	12406	40.0	14.6	
50 Methacrylonitrile	67	5.297	5.297	0.000	93	204286	200.0	211.5	
52 Chloroform	83	5.350	5.350	0.000	99	99698	20.0	17.6	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	96362	50.0	41.7	
54 1,1,1-Trichloroethane	97	5.544	5.544	0.000	96	90871	20.0	16.3	
55 Cyclohexane	84	5.554	5.554	0.000	87	68042	20.0	17.0	
56 Carbon tetrachloride	117	5.701	5.701	0.000	98	75698	20.0	16.0	
57 1,1-Dichloropropene	75	5.727	5.727	0.000	97	74945	20.0	17.8	
59 Isobutyl alcohol	43	5.822	5.822	0.000	97	40231	500.0	643.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	80	125260	50.0	42.3	
62 Isooctane	57	5.958	5.958	0.000	54	79043	20.0	14.0	
60 Benzene	78	5.958	5.958	0.000	95	216049	20.0	22.7	
63 Isopropyl acetate	61	6.010	6.010	0.000	97	23049	20.0	18.1	a
61 1,2-Dichloroethane	62	6.047	6.047	0.000	80	72903	20.0	15.1	
64 Tert-amyl methyl ether	73	6.042	6.042	0.000	96	129087	20.0	17.2	
66 n-Heptane	43	6.178	6.178	0.000	92	36818	20.0	15.2	
* 65 Fluorobenzene	96	6.299	6.299	0.000	98	400409	50.0	50.0	
68 n-Butanol	56	6.619	6.619	0.000	92	24672	500.0	553.8	
67 Trichloroethene	95	6.734	6.734	0.000	98	59241	20.0	18.1	
69 Ethyl acrylate	55	6.860	6.860	0.000	99	50084	20.0	17.3	
70 Methylcyclohexane	83	6.912	6.912	0.000	95	66325	20.0	15.8	
71 1,2-Dichloropropane	63	7.064	7.064	0.000	87	50869	20.0	19.4	
* 73 1,4-Dioxane-d8	96	7.122	7.122	0.000	1	24170	1000.0	1000.0	
75 Methyl methacrylate	100	7.159	7.159	0.000	87	24222	40.0	37.8	
74 1,4-Dioxane	88	7.190	7.190	0.000	80	12266	400.0	437.7	
72 Dibromomethane	93	7.211	7.211	0.000	83	32047	20.0	17.4	
76 n-Propyl acetate	43	7.227	7.227	0.000	98	66988	20.0	21.0	
77 Dichlorobromomethane	83	7.400	7.400	0.000	98	67451	20.0	16.0	
78 2-Nitropropane	41	7.777	7.777	0.000	90	18856	40.0	25.1	
80 Epichlorohydrin	57	7.914	7.914	0.000	99	60850	400.0	156.1	
81 cis-1,3-Dichloropropene	75	8.003	8.003	0.000	92	85974	20.0	20.7	
82 4-Methyl-2-pentanone (MIBK)	43	8.197	8.197	0.000	97	205354	100.0	107.8	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	98	372130	50.0	53.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	8.417	8.417	0.000	93	223958	20.0	20.9	
85 trans-1,3-Dichloropropene	75	8.810	8.810	0.000	95	72094	20.0	19.0	
86 Ethyl methacrylate	69	8.868	8.868	0.000	88	59962	20.0	21.0	
87 1,1,2-Trichloroethane	83	9.072	9.072	0.000	95	37647	20.0	21.4	
88 Tetrachloroethene	166	9.172	9.172	0.000	91	53950	20.0	16.5	
89 1,3-Dichloropropane	76	9.329	9.329	0.000	89	80640	20.0	21.3	
90 2-Hexanone	43	9.408	9.408	0.000	96	139899	100.0	103.4	
93 n-Butyl acetate	43	9.565	9.565	0.000	97	62657	20.0	23.5	
91 Chlorodibromomethane	129	9.612	9.612	0.000	96	46629	20.0	18.3	
92 Ethylene Dibromide	107	9.801	9.801	0.000	99	43915	20.0	19.3	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	88	284183	50.0	50.0	
95 Chlorobenzene	112	10.535	10.535	0.000	93	142689	20.0	20.2	
97 Ethylbenzene	106	10.672	10.672	0.000	98	78864	20.0	20.2	
96 1,1,1,2-Tetrachloroethane	131	10.672	10.672	0.000	41	48500	20.0	17.7	
98 m-Xylene & p-Xylene	106	10.866	10.866	0.000	92	93025	20.0	19.7	
101 n-Butyl acrylate	73	11.453	11.453	0.000	96	31836	20.0	19.8	
99 o-Xylene	106	11.474	11.474	0.000	93	90959	20.0	19.9	
100 Styrene	104	11.510	11.510	0.000	93	146786	20.0	20.4	
102 Bromoform	173	11.773	11.773	0.000	61	26510	20.0	15.1	
103 Amyl acetate (mixed isomers)	43	11.773	11.773	0.000	90	64876	20.0	24.2	
104 Isopropylbenzene	105	11.961	11.961	0.000	96	219590	20.0	20.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	84	105588	50.0	42.2	
106 Bromobenzene	156	12.365	12.365	0.000	98	54441	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	12.402	12.402	0.000	93	48621	20.0	22.3	
108 1,2,3-Trichloropropane	110	12.454	12.454	0.000	62	19135	20.0	22.5	
110 N-Propylbenzene	91	12.465	12.465	0.000	98	285795	20.0	24.0	
111 2-Chlorotoluene	91	12.585	12.585	0.000	96	198400	20.0	22.7	
112 4-Ethyltoluene	105	12.601	12.601	0.000	96	228868	20.0	22.9	
114 1,3,5-Trimethylbenzene	105	12.680	12.680	0.000	90	191268	20.0	21.8	
113 4-Chlorotoluene	91	12.716	12.716	0.000	99	199867	20.0	23.9	
109 trans-1,4-Dichloro-2-butene	53	12.486	12.486	0.000	56	13572	20.0	18.1	a
115 Butyl Methacrylate	87	12.795	12.795	0.000	88	52982	20.0	21.1	
116 tert-Butylbenzene	119	13.015	13.015	0.000	87	158383	20.0	21.2	
117 1,2,4-Trimethylbenzene	105	13.083	13.083	0.000	97	195163	20.0	21.8	
118 sec-Butylbenzene	105	13.246	13.246	0.000	98	222409	20.0	22.3	
119 1,3-Dichlorobenzene	146	13.382	13.382	0.000	93	99588	20.0	20.3	
122 4-Isopropyltoluene	119	13.398	13.398	0.000	93	193518	20.0	21.8	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	97	145019	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.482	13.482	0.000	92	100625	20.0	20.0	
123 1,2,3-Trimethylbenzene	105	13.508	13.508	0.000	99	195349	20.0	21.6	
124 Benzyl chloride	91	13.618	13.618	0.000	98	75880	20.0	16.0	
125 2,3-Dihydroindene	117	13.697	13.697	0.000	89	162689	20.0	21.8	
127 p-Diethylbenzene	119	13.765	13.765	0.000	90	107996	20.0	21.0	
128 n-Butylbenzene	92	13.786	13.786	0.000	97	95425	20.0	22.9	
126 1,2-Dichlorobenzene	146	13.838	13.838	0.000	94	89005	20.0	19.8	
130 1,2,4,5-Tetramethylbenzene	119	14.462	14.462	0.000	96	155780	20.0	20.2	
129 1,2-Dibromo-3-Chloropropane	157	14.536	14.536	0.000	90	9385	20.0	18.4	
131 1,3,5-Trichlorobenzene	180	14.677	14.677	0.000	95	55708	20.0	17.8	
132 1,2,4-Trichlorobenzene	180	15.191	15.191	0.000	92	46042	20.0	17.2	
133 Hexachlorobutadiene	225	15.285	15.285	0.000	73	21869	20.0	15.1	
134 Naphthalene	128	15.390	15.390	0.000	99	126055	20.0	20.0	
135 1,2,3-Trichlorobenzene	180	15.590	15.590	0.000	93	38020	20.0	16.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.8	
S 137 Xylenes, Total	100				0		40.0	39.6	
S 140 Total BTEX	1				0		100.0	103.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.7	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
GASES Li_00640	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-May-2025 11:29:00 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D

Injection Date: 07-May-2025 18:14:44 Instrument ID: CVOAMS15

Lims ID: CCVIS

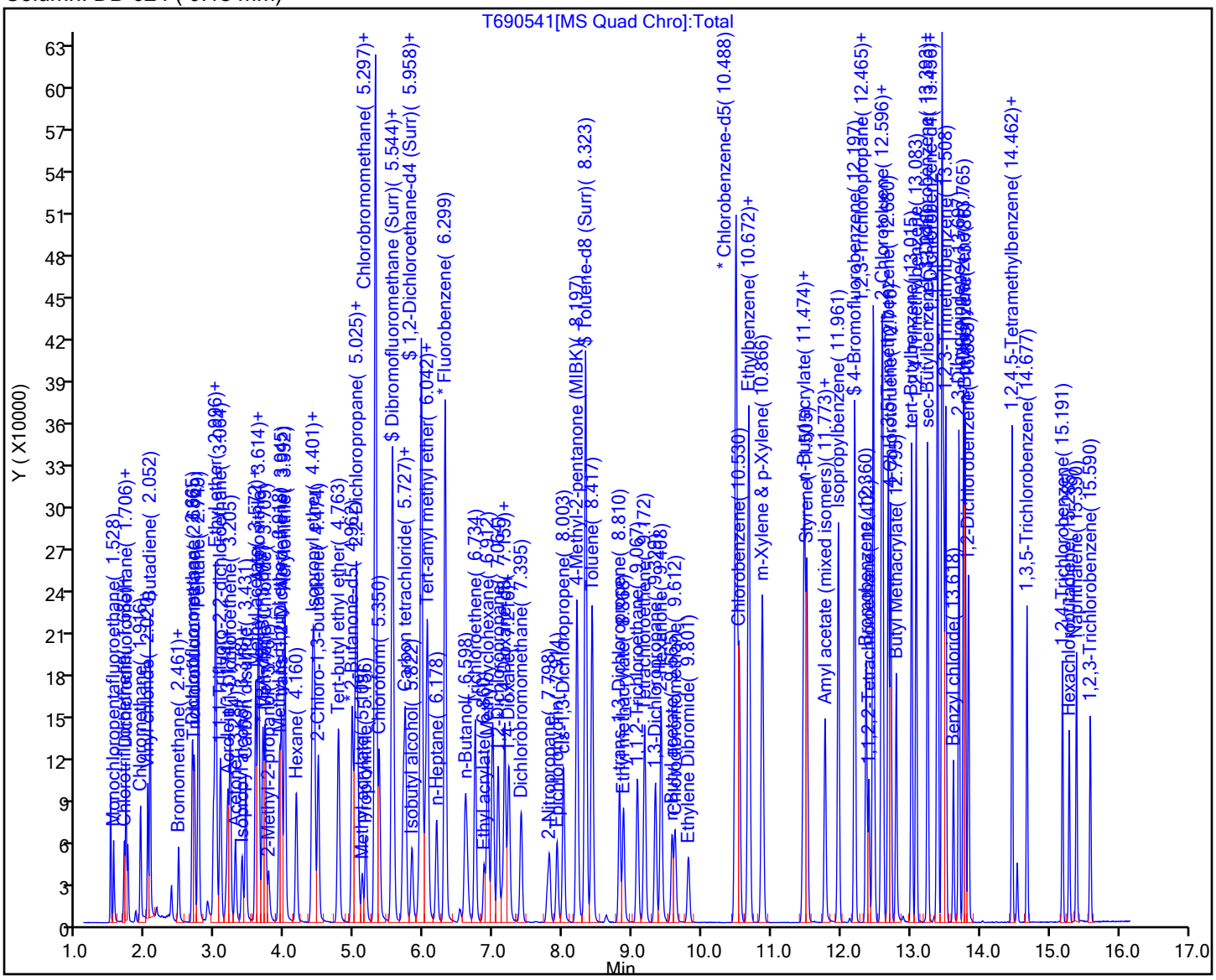
Client ID:

Operator ID: ALS Bottle#: 30 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

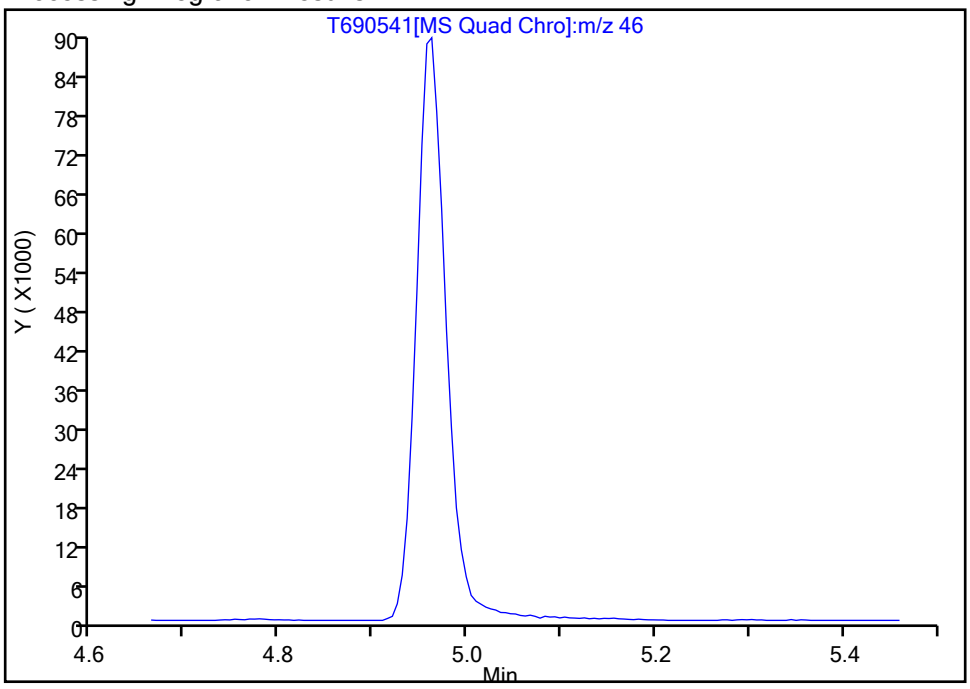
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D
Injection Date: 07-May-2025 18:14:44 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 30 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

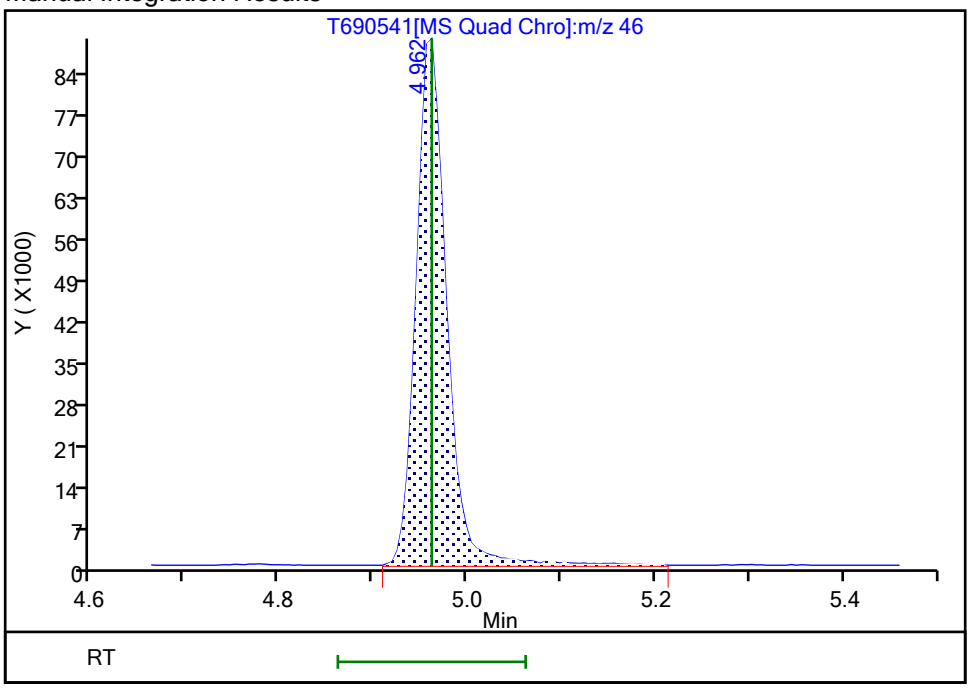
Not Detected
Expected RT: 4.96

Processing Integration Results



Manual Integration Results

RT: 4.96
Area: 201345
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 08-May-2025 07:18:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

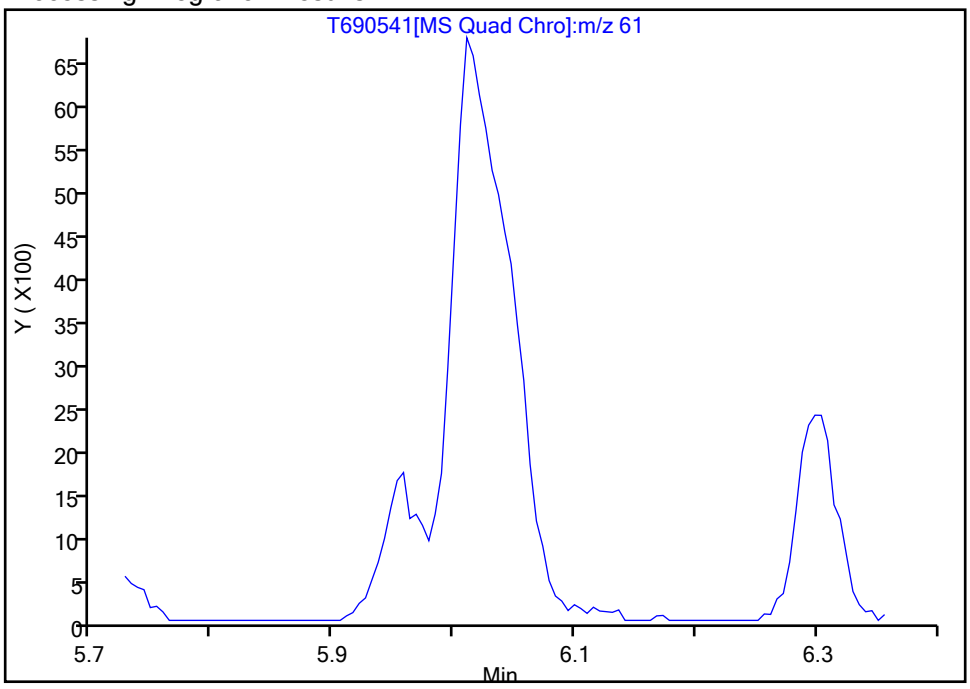
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D
Injection Date: 07-May-2025 18:14:44 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 30 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

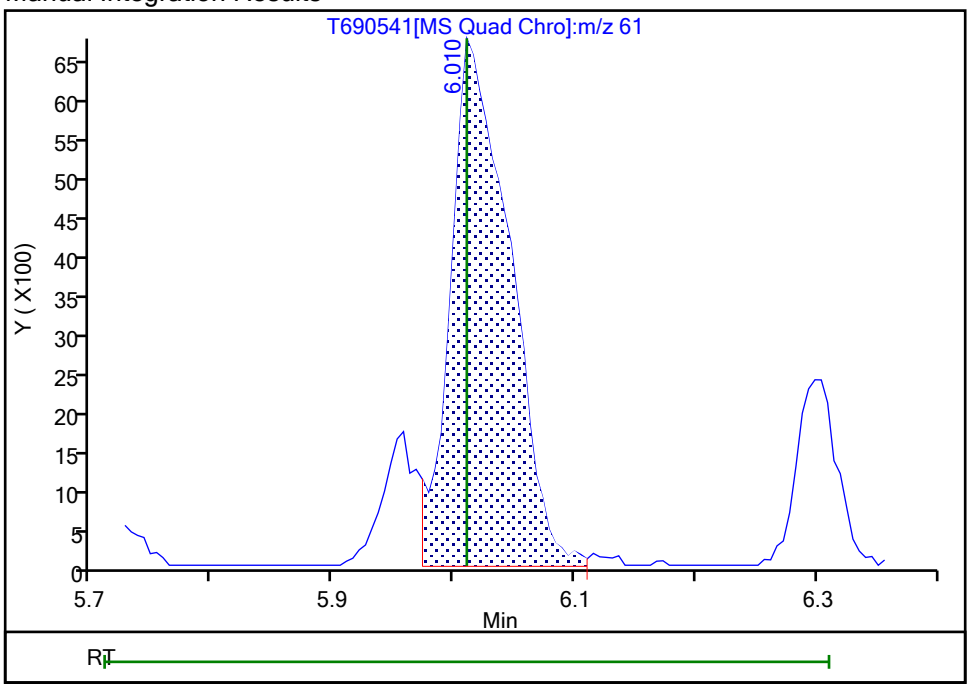
Not Detected
Expected RT: 6.01

Processing Integration Results



Manual Integration Results

RT: 6.01
Area: 23049
Amount: 18.074973
Amount Units: ug/l



Reviewer: FK2C, 08-May-2025 07:18:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

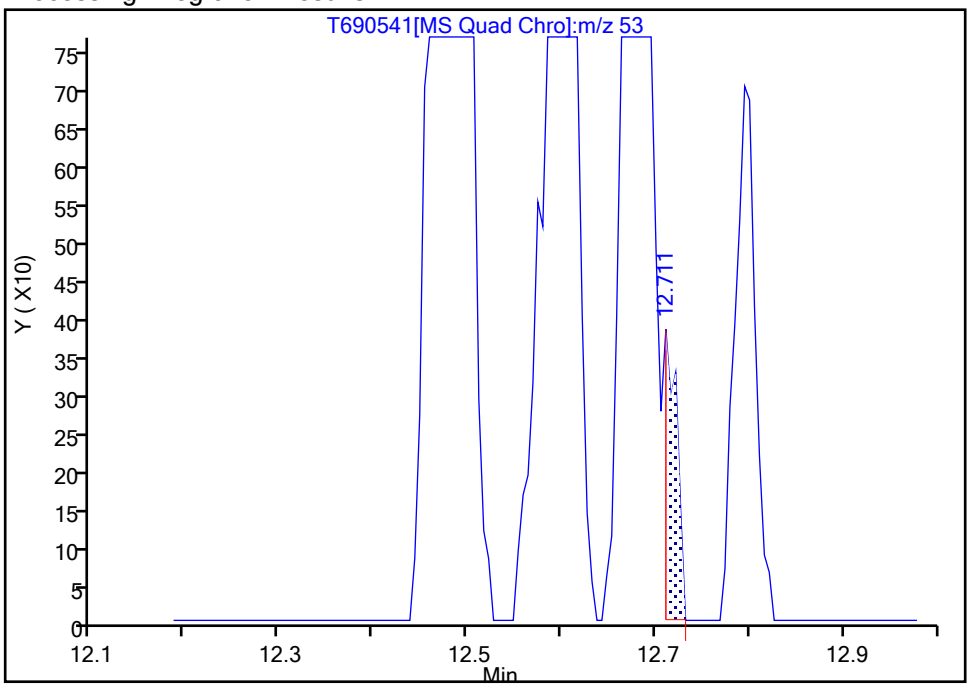
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690541.D
Injection Date: 07-May-2025 18:14:44 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 30 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

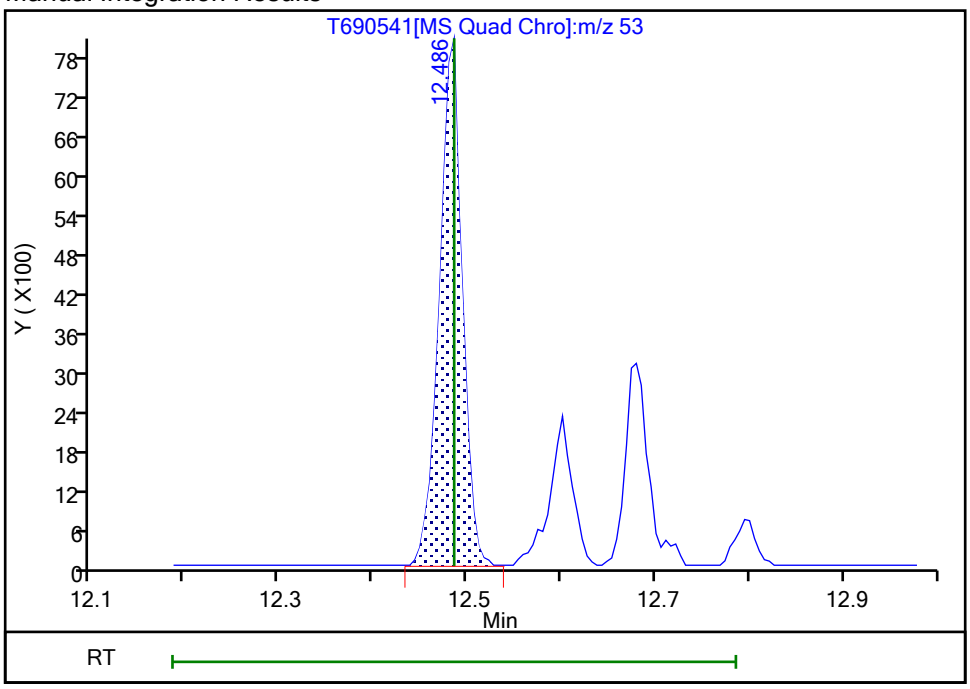
Processing Integration Results

RT: 12.71
Area: 362
Amount: 0.482670
Amount Units: ug/l



Manual Integration Results

RT: 12.49
Area: 13572
Amount: 18.096132
Amount Units: ug/l



Reviewer: XE5L, 08-May-2025 11:28:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689600.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	19-Apr-2025 03:45:53	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0189481-001				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	21-Apr-2025 14:11:52	Calib Date:	19-Apr-2025 10:26:58		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1660				
First Level Reviewer: FK2C		Date:	19-Apr-2025 08:51:03		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

QC Flag Legend

Processing Flags

Reagents:

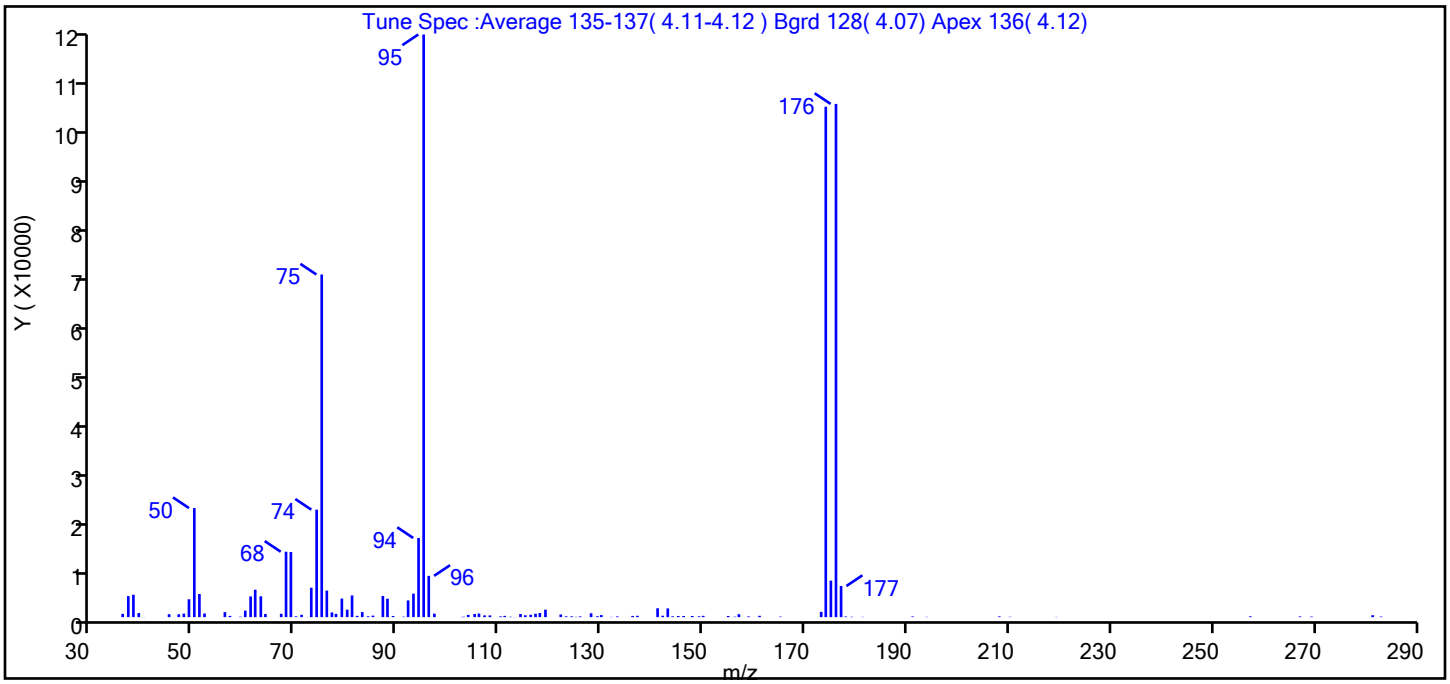
BFB_00039 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689600.D
Injection Date: 19-Apr-2025 03:45:53 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (114.2)
96	5 to 9% of m/z 95	7.1
173	<2% of m/z 174	0.9 (1.0)
174	50 to 200% of m/z 95	87.6
175	5 to 9% of m/z 174	6.3 (7.2)
176	95 to 105% of m/z 174	88.1 (100.5)
177	5 to 10% of m/z 176	5.3 (6.1)

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689600.D\8260W_15.rslt\spectra.d
Injection Date: 19-Apr-2025 03:45:53
Spectrum: Tune Spec :Average 135-137(4.11-4.12) Bgrd 128(4.07) Apex 136(4.12)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	645	76.00	5176	110.00	155	148.00	224
37.00	4097	77.00	923	111.00	252	149.00	159
38.00	4357	78.00	637	112.00	80	150.00	255
39.00	796	79.00	3617	113.00	24	155.00	222
40.00	24	80.00	1461	114.00	612	156.00	85
45.00	578	81.00	4225	115.00	365	157.00	573
47.00	561	82.00	253	116.00	459	159.00	142
48.00	686	83.00	985	117.00	659	161.00	261
49.00	3482	84.00	164	118.00	805	165.00	102
50.00	21248	85.00	297	119.00	1457	173.00	1034
51.00	4508	87.00	4126	122.00	517	174.00	99432
52.00	708	88.00	3590	123.00	155	175.00	7119
56.00	972	89.00	231	124.00	155	176.00	99976
57.00	246	91.00	88	125.00	58	177.00	6068
59.00	91	92.00	3262	126.00	150	178.00	127
60.00	1269	93.00	4580	128.00	756	179.00	78
61.00	4035	94.00	15424	129.00	177	181.00	50
62.00	5345	95.00	113504	130.00	407	191.00	130
63.00	4056	96.00	8044	132.00	49	194.00	55
64.00	621	97.00	679	133.00	141	208.00	140
67.00	662	100.00	6	136.00	238	210.00	70
68.00	12739	103.00	35	137.00	269	219.00	46
69.00	12681	103.00	84	141.00	1729	257.00	165
70.00	154	104.00	439	142.00	272	267.00	142
71.00	459	105.00	618	143.00	1704	269.00	110
73.00	5732	106.00	705	144.00	160	281.00	377
74.00	20936	107.00	348	145.00	227	283.00	113
75.00	66744	108.00	342	146.00	222		

Report Date: 21-Apr-2025 14:11:53 Chrom Revision: 2.3 08-Apr-2025 13:07:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689600.D

Injection Date: 19-Apr-2025 03:45:53 Instrument ID: CVOAMS15

Lims ID: BFB

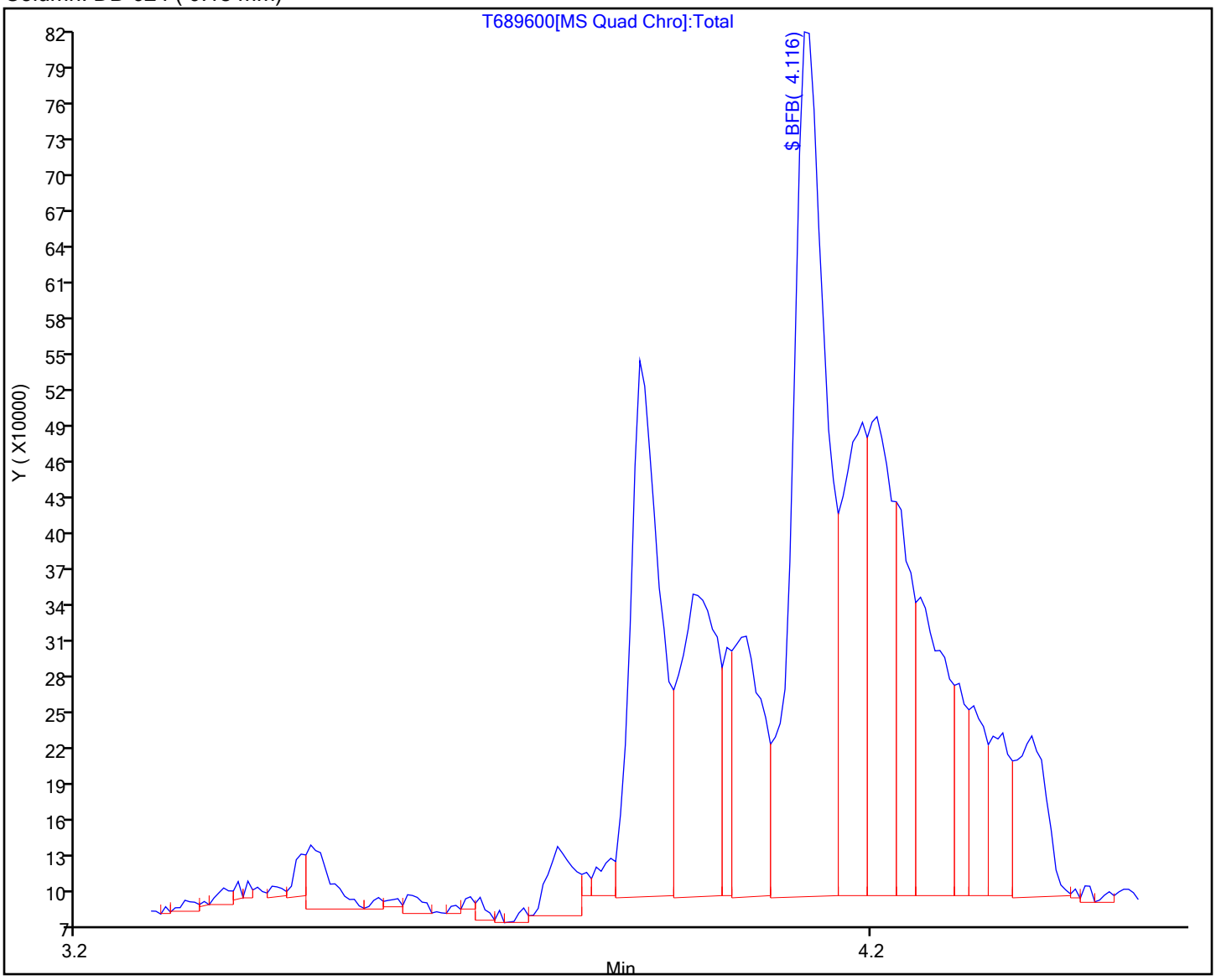
Client ID:

Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1036114/7

Matrix: Water | Lab File ID: T690546.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 20:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1036114/7

Matrix: Water | Lab File ID: T690546.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 20:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-1036114/7

Matrix: Water Lab File ID: T690546.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2025 20:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 1036114 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		70-128
460-00-4	4-Bromofluorobenzene	83		76-120
1868-53-7	Dibromofluoromethane (Surr)	82		77-132
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690546.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-May-2025 20:09:08 ALS Bottle#: 35 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0190476-007
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:06:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.677	3.672	0.005	94	25398	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.961	4.962	-0.001	45	218672	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	95	100021	50.0	40.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.952	5.953	-0.001	98	125353	50.0	40.0	
* 65 Fluorobenzene	96	6.304	6.299	0.005	99	423547	50.0	50.0	
* 73 1,4-Dioxane-d8	96	7.127	7.127	0.000	1	23036	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	8.322	8.323	-0.001	98	379981	50.0	53.1	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	88	293452	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	85	107452	50.0	41.6	
* 120 1,4-Dichlorobenzene-d4	152	13.455	13.456	-0.001	97	153799	50.0	50.0	

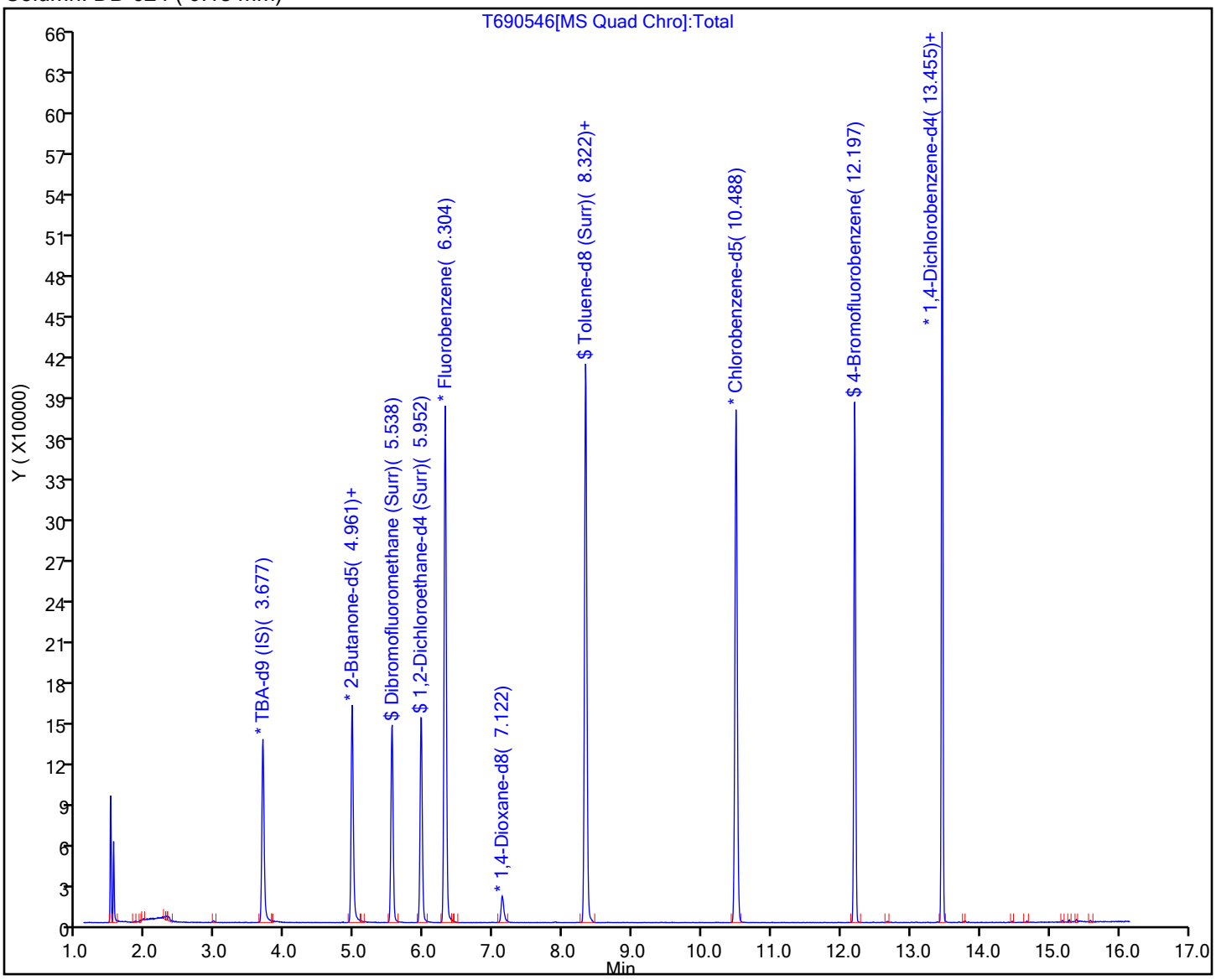
QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00080 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 08-May-2025 07:28:36 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690546.D
Injection Date: 07-May-2025 20:09:08 Instrument ID: CVOAMS15
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 35 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690546.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-May-2025 20:09:08 ALS Bottle#: 35 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0190476-007
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:06:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	40.9	81.76
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	40.0	79.97
$ 83 Toluene-d8 (Surr)	50.0	53.1	106.18
$ 105 4-Bromofluorobenzene	50.0	41.6	83.12

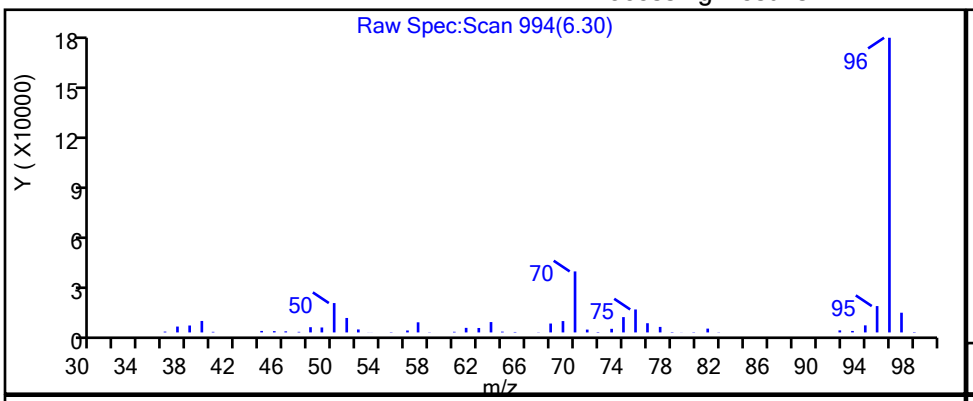
User Disabled Compound Report

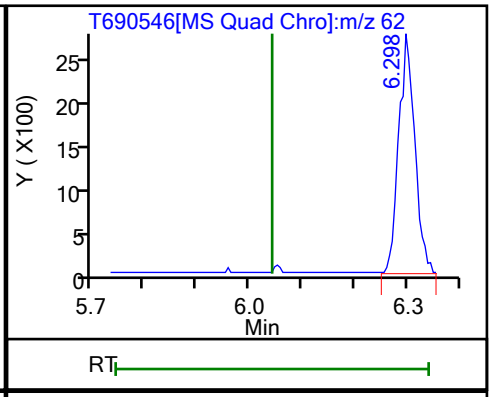
Eurofins Edison

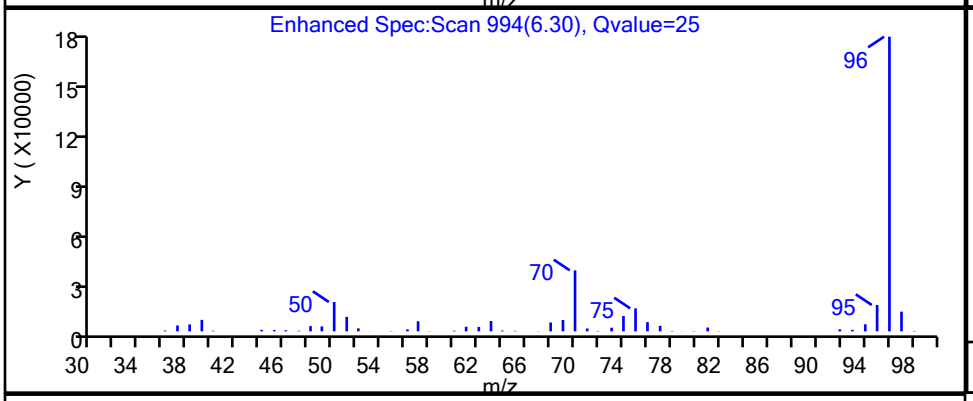
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690546.D
Injection Date: 07-May-2025 20:09:08 Instrument ID: CVOAMS15
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 35 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

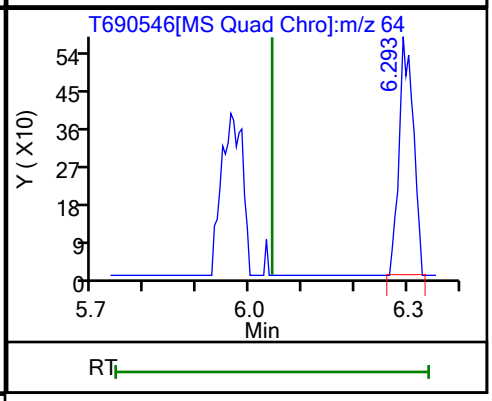
61 1,2-Dichloroethane, CAS: 107-06-2

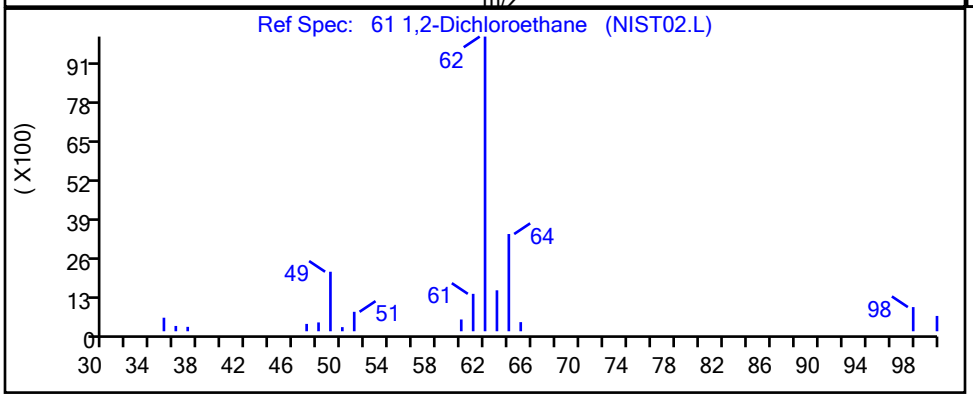
Processing Results











RT	Mass	Response	Amount
6.30	62.00	5746	1.128783
6.29	64.00	1086	

Reviewer: FK2C, 08-May-2025 07:05:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1036114/3

Matrix: Water | Lab File ID: T690542.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 18:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	16.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.8		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16.3		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.5		0.58	0.19
75-34-3	1,1-Dichloroethane	18.5		1.0	0.26
75-35-4	1,1-Dichloroethene	19.3		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	17.4		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	17.4		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	21.7		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.9		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.6		1.0	0.21
107-06-2	1,2-Dichloroethane	15.0		0.30	0.087
78-87-5	1,2-Dichloropropane	19.1		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	21.6		1.0	0.33
541-73-1	1,3-Dichlorobenzene	20.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.6		1.0	0.33
78-93-3	2-Butanone (MEK)	94.9		5.0	3.9
591-78-6	2-Hexanone	103		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	106		5.0	1.3
67-64-1	Acetone	92.5		5.0	4.4
71-43-2	Benzene	22.8		0.45	0.070
75-25-2	Bromoform	14.6		1.0	0.54
74-83-9	Bromomethane	12.2		1.0	0.55
75-15-0	Carbon disulfide	18.2		1.0	0.82
56-23-5	Carbon tetrachloride	16.0		1.0	0.21
108-90-7	Chlorobenzene	20.0		1.0	0.38
74-97-5	Chlorobromomethane	17.4		1.0	0.41
124-48-1	Chlorodibromomethane	18.0		0.78	0.086
75-00-3	Chloroethane	23.0		1.0	0.32
67-66-3	Chloroform	17.6		1.0	0.33
74-87-3	Chloromethane	22.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.2		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1036114/3

Matrix: Water | Lab File ID: T690542.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 18:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	20.3		0.45	0.069
110-82-7	Cyclohexane	17.2		1.0	0.32
75-27-4	Dichlorobromomethane	15.9		0.98	0.15
75-71-8	Dichlorodifluoromethane	17.9		1.0	0.31
100-41-4	Ethylbenzene	20.1		1.0	0.30
106-93-4	Ethylene Dibromide	19.5		1.0	0.50
98-82-8	Isopropylbenzene	20.1		1.0	0.34
79-20-9	Methyl acetate	43.6		5.0	0.79
1634-04-4	Methyl tert-butyl ether	16.8		1.0	0.22
108-87-2	Methylcyclohexane	16.1		1.0	0.71
75-09-2	Methylene Chloride	21.0		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	19.7		1.0	0.30
104-51-8	n-Butylbenzene	23.1		1.0	0.32
103-65-1	N-Propylbenzene	23.8		1.0	0.32
95-47-6	o-Xylene	20.1		1.0	0.36
135-98-8	sec-Butylbenzene	22.7		1.0	0.37
100-42-5	Styrene	20.8		1.0	0.42
98-06-6	tert-Butylbenzene	21.1		1.0	0.34
127-18-4	Tetrachloroethene	16.6		0.40	0.28
108-88-3	Toluene	21.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.8		0.45	0.12
79-01-6	Trichloroethene	17.7		0.28	0.074
75-69-4	Trichlorofluoromethane	17.0		1.0	0.32
75-01-4	Vinyl chloride	25.7		1.0	0.40
1330-20-7	Xylenes, Total	39.8		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1036114/3

Matrix: Water | Lab File ID: T690542.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 18:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		70-128
460-00-4	4-Bromofluorobenzene	85		76-120
1868-53-7	Dibromofluoromethane (Surr)	82		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690542.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-May-2025 18:37:37 ALS Bottle#: 31 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0190476-003
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:29:07 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:04:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.543	1.543	0.000	48	1601	20.0	15.2	
3 Chlorotrifluoroethene	116	1.669	1.669	0.000	86	4347	20.0	7.05	
2 1,1-Difluoroethane	65	1.679	1.685	-0.006	94	21156	20.0	22.7	
4 Dichlorodifluoromethane	85	1.706	1.706	0.000	99	73340	20.0	17.9	
5 Chlorodifluoromethane	67	1.732	1.732	0.000	97	9547	20.0	18.8	
6 Chloromethane	50	1.915	1.916	-0.001	99	74699	20.0	22.5	
7 Vinyl chloride	62	2.020	2.020	0.000	99	74230	20.0	25.7	
8 Butadiene	54	2.052	2.052	0.000	95	69300	20.0	24.5	
9 Bromomethane	94	2.361	2.361	0.000	98	18871	20.0	12.2	
10 Chloroethane	64	2.461	2.461	0.000	99	40826	20.0	23.0	
11 Dichlorofluoromethane	67	2.660	2.660	0.000	99	110796	20.0	19.5	
12 Trichlorofluoromethane	101	2.686	2.686	0.000	99	94405	20.0	17.0	
13 Pentane	72	2.749	2.749	0.000	96	16597	40.0	33.2	
14 Ethanol	46	2.885	2.880	0.005	99	9030	800.0	1628.6	
15 Ethyl ether	59	2.964	2.964	0.000	91	42371	20.0	18.9	
17 2-Methyl-1,3-butadiene	53	2.995	2.990	0.005	83	44685	20.0	19.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	3.001	3.006	-0.005	81	45508	20.0	18.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.064	3.064	0.000	97	73832	20.0	20.9	
19 Acrolein	56	3.142	3.142	0.000	97	13462	40.0	36.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.174	3.174	0.000	95	44737	20.0	16.3	
20 1,1-Dichloroethene	96	3.205	3.205	0.000	98	50876	20.0	19.3	
22 Acetone	43	3.279	3.284	-0.005	86	72115	100.0	92.5	
25 Isopropyl alcohol	45	3.373	3.373	0.000	74	27714	200.0	279.7	
23 Iodomethane	142	3.378	3.378	0.000	98	35267	20.0	9.94	
24 Carbon disulfide	76	3.431	3.431	0.000	99	149834	20.0	18.2	
27 3-Chloro-1-propene	76	3.572	3.572	0.000	90	32121	20.0	22.2	
28 Methyl acetate	43	3.577	3.572	0.005	97	70775	40.0	43.6	
26 Acetonitrile	41	3.609	3.609	0.000	74	92315	200.0	89.1	
29 Cyclopentene	67	3.614	3.614	0.000	86	142463	20.0	19.7	
* 31 TBA-d9 (IS)	66	3.677	3.677	0.000	99	27095	1000.0	1000.0	
30 Methylene Chloride	84	3.709	3.709	-0.001	88	58809	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.761	3.761	0.000	95	36793	200.0	199.4	
35 Methyl tert-butyl ether	73	3.918	3.918	0.000	96	139676	20.0	16.8	
34 trans-1,2-Dichloroethene	96	3.944	3.950	-0.006	94	56252	20.0	19.1	
33 Acrylonitrile	53	3.992	3.992	0.000	95	178745	200.0	227.0	
36 Hexane	57	4.154	4.160	-0.006	94	50392	20.0	15.9	
40 Isopropyl ether	45	4.385	4.390	-0.005	95	156212	20.0	22.0	
37 1,1-Dichloroethane	63	4.411	4.411	0.000	77	94897	20.0	18.5	
38 Vinyl acetate	86	4.422	4.422	0.000	99	18510	40.0	12.2	
39 2-Chloro-1,3-butadiene	88	4.474	4.474	0.000	91	48470	20.0	18.8	
41 Tert-butyl ethyl ether	59	4.762	4.763	-0.001	91	138840	20.0	17.0	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	62	213796	250.0	250.0	
44 2,2-Dichloropropane	97	5.004	5.004	0.000	90	17515	20.0	16.4	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	69	62397	20.0	19.2	
45 2-Butanone (MEK)	72	5.025	5.025	0.000	99	30148	100.0	94.9	
47 Ethyl acetate	70	5.045	5.046	-0.001	96	10979	40.0	13.8	
48 Methyl acrylate	55	5.108	5.109	-0.001	98	39203	20.0	18.1	
46 Propionitrile	54	5.161	5.156	0.005	99	69785	200.0	220.4	
49 Chlorobromomethane	128	5.287	5.287	0.000	50	25715	20.0	17.4	
51 Tetrahydrofuran	72	5.302	5.297	0.005	27	12664	40.0	14.0	
50 Methacrylonitrile	67	5.297	5.297	0.000	93	213411	200.0	210.5	
52 Chloroform	83	5.350	5.350	0.000	98	104635	20.0	17.6	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	95	99684	50.0	41.1	
54 1,1,1-Trichloroethane	97	5.549	5.544	0.005	94	94941	20.0	16.3	
55 Cyclohexane	84	5.549	5.554	-0.005	84	72291	20.0	17.2	
56 Carbon tetrachloride	117	5.701	5.701	0.000	97	79118	20.0	16.0	
57 1,1-Dichloropropene	75	5.727	5.727	0.000	97	79904	20.0	18.1	
59 Isobutyl alcohol	43	5.827	5.822	0.005	94	43745	500.0	708.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	80	128614	50.0	41.3	
62 Isooctane	57	5.963	5.958	0.005	53	85568	20.0	14.5	
60 Benzene	78	5.958	5.958	0.000	95	226211	20.0	22.8	
63 Isopropyl acetate	61	6.015	6.010	0.005	96	23180	20.0	17.3	
64 Tert-amyl methyl ether	73	6.042	6.042	0.000	95	132295	20.0	16.8	
61 1,2-Dichloroethane	62	6.047	6.047	0.000	75	75614	20.0	15.0	
66 n-Heptane	43	6.178	6.178	0.000	91	39550	20.0	15.6	
* 65 Fluorobenzene	96	6.299	6.299	0.000	99	420242	50.0	50.0	
68 n-Butanol	56	6.624	6.619	0.005	87	26839	500.0	610.0	
67 Trichloroethene	95	6.734	6.734	0.000	98	60886	20.0	17.7	
69 Ethyl acrylate	55	6.860	6.860	0.000	98	52932	20.0	17.5	
70 Methylcyclohexane	83	6.912	6.912	0.000	94	70949	20.0	16.1	
71 1,2-Dichloropropane	63	7.064	7.064	0.000	86	52682	20.0	19.1	
* 73 1,4-Dioxane-d8	96	7.127	7.122	0.005	1	25080	1000.0	1000.0	
75 Methyl methacrylate	100	7.158	7.159	-0.001	88	25116	40.0	37.3	
74 1,4-Dioxane	88	7.195	7.190	0.005	61	13154	400.0	452.4	
72 Dibromomethane	93	7.211	7.211	0.000	82	33541	20.0	17.3	
76 n-Propyl acetate	43	7.227	7.227	0.000	98	65672	20.0	19.6	
77 Dichlorobromomethane	83	7.394	7.400	-0.006	99	70597	20.0	15.9	
78 2-Nitropropane	41	7.772	7.777	-0.005	97	19427	40.0	24.7	
80 Epichlorohydrin	57	7.908	7.914	-0.006	97	66645	400.0	161.0	
81 cis-1,3-Dichloropropene	75	8.003	8.003	0.000	92	87930	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	43	8.197	8.197	0.000	97	212655	100.0	106.4	
$ 83 Toluene-d8 (Surr)	98	8.322	8.323	-0.001	97	389466	50.0	53.9	
84 Toluene	91	8.417	8.417	0.000	93	233890	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	8.810	8.810	0.000	95	74297	20.0	18.8	
86 Ethyl methacrylate	69	8.868	8.868	0.000	88	61281	20.0	20.6	
87 1,1,2-Trichloroethane	83	9.072	9.072	0.000	94	39452	20.0	21.5	
88 Tetrachloroethene	166	9.177	9.172	0.005	89	56722	20.0	16.6	
89 1,3-Dichloropropane	76	9.329	9.329	0.000	93	84525	20.0	21.4	
90 2-Hexanone	43	9.408	9.408	0.000	96	146371	100.0	103.1	
93 n-Butyl acetate	43	9.570	9.565	0.005	98	64785	20.0	23.3	
91 Chlorodibromomethane	129	9.612	9.612	0.000	94	47862	20.0	18.0	
92 Ethylene Dibromide	107	9.806	9.801	0.005	99	46447	20.0	19.5	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	86	296173	50.0	50.0	
95 Chlorobenzene	112	10.535	10.535	0.000	93	147450	20.0	20.0	
97 Ethylbenzene	106	10.671	10.672	-0.001	98	81828	20.0	20.1	
96 1,1,1,2-Tetrachloroethane	131	10.671	10.672	-0.001	42	50450	20.0	17.7	
98 m-Xylene & p-Xylene	106	10.865	10.866	-0.001	92	97062	20.0	19.7	
101 n-Butyl acrylate	73	11.453	11.453	0.000	96	33725	20.0	20.1	
99 o-Xylene	106	11.474	11.474	0.000	92	95489	20.0	20.1	
100 Styrene	104	11.510	11.510	0.000	94	155671	20.0	20.8	
102 Bromoform	173	11.767	11.773	-0.006	63	26788	20.0	14.6	
103 Amyl acetate (mixed isomers)	43	11.772	11.773	-0.001	91	66755	20.0	23.7	
104 Isopropylbenzene	105	11.961	11.961	0.000	97	229750	20.0	20.1	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	85	110561	50.0	42.4	
106 Bromobenzene	156	12.365	12.365	0.000	97	56732	20.0	19.5	
107 1,1,2,2-Tetrachloroethane	83	12.402	12.402	0.000	94	52209	20.0	22.8	
108 1,2,3-Trichloropropane	110	12.459	12.454	0.005	57	19665	20.0	22.0	
110 N-Propylbenzene	91	12.464	12.465	-0.001	98	298560	20.0	23.8	
111 2-Chlorotoluene	91	12.585	12.585	0.000	96	208326	20.0	22.6	
112 4-Ethyltoluene	105	12.601	12.601	0.000	95	238606	20.0	22.7	
114 1,3,5-Trimethylbenzene	105	12.679	12.680	-0.001	91	199448	20.0	21.6	
109 trans-1,4-Dichloro-2-butene	53	12.480	12.711	-0.231	46	13936	20.0	17.7	a
113 4-Chlorotoluene	91	12.716	12.716	0.000	98	209458	20.0	23.8	
115 Butyl Methacrylate	87	12.795	12.795	0.000	89	55723	20.0	21.0	
116 tert-Butylbenzene	119	13.015	13.015	0.000	91	166156	20.0	21.1	
117 1,2,4-Trimethylbenzene	105	13.083	13.083	0.000	97	203639	20.0	21.7	
118 sec-Butylbenzene	105	13.246	13.246	0.000	98	237870	20.0	22.7	
119 1,3-Dichlorobenzene	146	13.382	13.382	0.000	93	103701	20.0	20.1	
122 4-Isopropyltoluene	119	13.398	13.398	0.000	95	203916	20.0	21.8	
* 120 1,4-Dichlorobenzene-d4	152	13.455	13.456	-0.001	98	152602	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.482	13.482	0.000	91	103896	20.0	19.6	
123 1,2,3-Trimethylbenzene	105	13.508	13.508	0.000	99	206141	20.0	21.7	
124 Benzyl chloride	91	13.618	13.618	0.000	98	80309	20.0	16.1	
125 2,3-Dihydroindene	117	13.697	13.697	0.000	89	169926	20.0	21.6	
127 p-Diethylbenzene	119	13.765	13.765	0.000	91	115512	20.0	21.3	
128 n-Butylbenzene	92	13.786	13.786	0.000	98	101225	20.0	23.1	
126 1,2-Dichlorobenzene	146	13.838	13.838	0.000	93	92536	20.0	19.6	
130 1,2,4,5-Tetramethylbenzene	119	14.462	14.462	0.000	94	165023	20.0	20.4	
129 1,2-Dibromo-3-Chloropropane	157	14.536	14.536	0.000	92	9614	20.0	17.9	
131 1,3,5-Trichlorobenzene	180	14.677	14.677	0.000	95	59052	20.0	17.9	
132 1,2,4-Trichlorobenzene	180	15.191	15.191	0.000	93	48949	20.0	17.4	
133 Hexachlorobutadiene	225	15.285	15.285	0.000	74	23199	20.0	15.2	
134 Naphthalene	128	15.390	15.390	0.000	99	132173	20.0	20.0	
135 1,2,3-Trichlorobenzene	180	15.589	15.590	-0.001	94	41144	20.0	17.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	39.8	
S 140 Total BTEX	1				0		100.0	103.6	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
GASES Li_00640	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-May-2025 07:29:10 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690542.D

Injection Date: 07-May-2025 18:37:37 Instrument ID: CVOAMS15

Lims ID: LCS

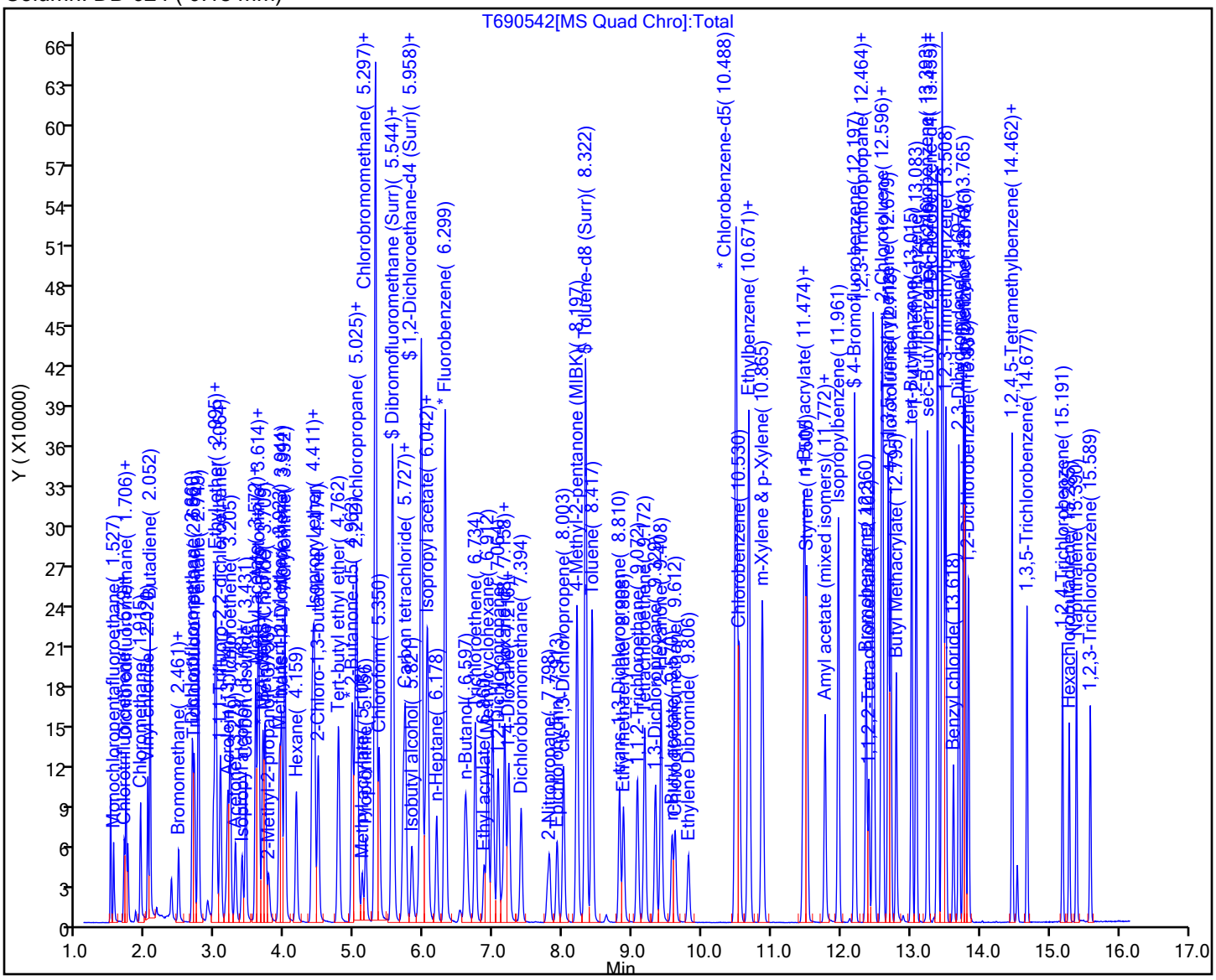
Client ID:

Operator ID: ALS Bottle#: 31 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690542.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-May-2025 18:37:37 ALS Bottle#: 31 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0190476-003
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:29:07 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:04:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.1	82.12
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	41.3	82.70
$ 83 Toluene-d8 (Surr)	50.0	53.9	107.83
$ 105 4-Bromofluorobenzene	50.0	42.4	84.74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1036114/4

Matrix: Water | Lab File ID: T690543.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 19:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	16.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.3		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.0		0.58	0.19
75-34-3	1,1-Dichloroethane	18.5		1.0	0.26
75-35-4	1,1-Dichloroethene	19.7		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	17.4		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	17.3		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	21.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.4		1.0	0.21
107-06-2	1,2-Dichloroethane	15.8		0.30	0.087
78-87-5	1,2-Dichloropropane	18.8		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	21.4		1.0	0.33
541-73-1	1,3-Dichlorobenzene	19.7		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.5		1.0	0.33
78-93-3	2-Butanone (MEK)	94.5		5.0	3.9
591-78-6	2-Hexanone	103		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	106		5.0	1.3
67-64-1	Acetone	97.8		5.0	4.4
71-43-2	Benzene	22.3		0.45	0.070
75-25-2	Bromoform	15.4		1.0	0.54
74-83-9	Bromomethane	14.6		1.0	0.55
75-15-0	Carbon disulfide	18.7		1.0	0.82
56-23-5	Carbon tetrachloride	16.3		1.0	0.21
108-90-7	Chlorobenzene	19.9		1.0	0.38
74-97-5	Chlorobromomethane	17.3		1.0	0.41
124-48-1	Chlorodibromomethane	18.8		0.78	0.086
75-00-3	Chloroethane	23.8		1.0	0.32
67-66-3	Chloroform	17.5		1.0	0.33
74-87-3	Chloromethane	23.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.8		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1036114/4

Matrix: Water | Lab File ID: T690543.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 19:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	20.5		0.45	0.069
110-82-7	Cyclohexane	16.8		1.0	0.32
75-27-4	Dichlorobromomethane	16.0		0.98	0.15
75-71-8	Dichlorodifluoromethane	19.2		1.0	0.31
100-41-4	Ethylbenzene	20.0		1.0	0.30
106-93-4	Ethylene Dibromide	19.9		1.0	0.50
98-82-8	Isopropylbenzene	19.9		1.0	0.34
79-20-9	Methyl acetate	45.4		5.0	0.79
1634-04-4	Methyl tert-butyl ether	17.7		1.0	0.22
108-87-2	Methylcyclohexane	16.1		1.0	0.71
75-09-2	Methylene Chloride	21.3		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	19.8		1.0	0.30
104-51-8	n-Butylbenzene	22.5		1.0	0.32
103-65-1	N-Propylbenzene	23.5		1.0	0.32
95-47-6	o-Xylene	20.3		1.0	0.36
135-98-8	sec-Butylbenzene	21.9		1.0	0.37
100-42-5	Styrene	20.7		1.0	0.42
98-06-6	tert-Butylbenzene	20.7		1.0	0.34
127-18-4	Tetrachloroethene	16.5		0.40	0.28
108-88-3	Toluene	20.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.4		0.45	0.12
79-01-6	Trichloroethene	17.5		0.28	0.074
75-69-4	Trichlorofluoromethane	18.2		1.0	0.32
75-01-4	Vinyl chloride	26.9		1.0	0.40
1330-20-7	Xylenes, Total	40.1		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1036114/4

Matrix: Water | Lab File ID: T690543.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2025 19:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-128
460-00-4	4-Bromofluorobenzene	85		76-120
1868-53-7	Dibromofluoromethane (Surr)	83		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690543.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-May-2025 19:00:28 ALS Bottle#: 32 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0190476-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:29:07 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:05:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.543	1.543	0.000	52	1490	20.0	15.4	
3 Chlorotrifluoroethene	116	1.669	1.669	0.000	70	4866	20.0	8.55	
2 1,1-Difluoroethane	65	1.680	1.685	-0.005	94	20641	20.0	24.0	
4 Dichlorodifluoromethane	85	1.706	1.706	0.000	99	72453	20.0	19.2	
5 Chlorodifluoromethane	67	1.732	1.732	0.000	98	9203	20.0	19.6	
6 Chloromethane	50	1.916	1.916	0.000	100	72876	20.0	23.8	
7 Vinyl chloride	62	2.020	2.020	0.000	98	71447	20.0	26.9	
8 Butadiene	54	2.052	2.052	0.000	96	66874	20.0	25.6	
9 Bromomethane	94	2.356	2.361	-0.005	96	20621	20.0	14.6	
10 Chloroethane	64	2.461	2.461	0.000	99	39013	20.0	23.8	
11 Dichlorofluoromethane	67	2.660	2.660	0.000	99	107235	20.0	20.5	
12 Trichlorofluoromethane	101	2.686	2.686	0.000	99	93036	20.0	18.2	
13 Pentane	72	2.749	2.749	0.000	94	16217	40.0	35.2	
14 Ethanol	46	2.880	2.880	0.000	98	9163	800.0	1650.7	
15 Ethyl ether	59	2.964	2.964	0.000	92	41378	20.0	20.0	
17 2-Methyl-1,3-butadiene	53	2.990	2.990	0.000	86	42790	20.0	20.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	3.001	3.006	-0.005	89	45140	20.0	19.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.064	3.064	0.000	97	69270	20.0	21.3	
19 Acrolein	56	3.143	3.142	0.001	96	13231	40.0	38.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.174	3.174	0.000	94	43248	20.0	17.1	
20 1,1-Dichloroethene	96	3.205	3.205	0.000	90	47714	20.0	19.7	
22 Acetone	43	3.284	3.284	0.000	86	70302	100.0	97.8	
25 Isopropyl alcohol	45	3.378	3.373	0.005	69	27536	200.0	277.6	
23 Iodomethane	142	3.378	3.378	0.000	97	34414	20.0	10.5	
24 Carbon disulfide	76	3.431	3.431	0.000	98	141827	20.0	18.7	
27 3-Chloro-1-propene	76	3.572	3.572	0.000	90	29924	20.0	22.4	
28 Methyl acetate	43	3.578	3.572	0.006	96	67981	40.0	45.4	
26 Acetonitrile	41	3.604	3.609	-0.005	83	85397	200.0	89.4	
29 Cyclopentene	67	3.614	3.614	0.000	85	138189	20.0	20.7	
* 31 TBA-d9 (IS)	66	3.672	3.677	-0.005	97	27127	1000.0	1000.0	
30 Methylene Chloride	84	3.714	3.709	0.005	85	55204	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.761	3.761	0.000	95	36209	200.0	196.0	
35 Methyl tert-butyl ether	73	3.913	3.918	-0.005	96	135564	20.0	17.7	
34 trans-1,2-Dichloroethene	96	3.950	3.950	0.000	93	52540	20.0	19.4	
33 Acrylonitrile	53	3.992	3.992	0.000	95	169230	200.0	233.1	
36 Hexane	57	4.160	4.160	0.000	93	46545	20.0	15.9	
40 Isopropyl ether	45	4.390	4.390	0.000	94	144859	20.0	22.1	
37 1,1-Dichloroethane	63	4.406	4.411	-0.005	86	87792	20.0	18.5	
38 Vinyl acetate	86	4.422	4.422	0.000	99	17345	40.0	12.4	
39 2-Chloro-1,3-butadiene	88	4.474	4.474	0.000	88	43550	20.0	18.3	
41 Tert-butyl ethyl ether	59	4.763	4.763	0.000	90	129542	20.0	17.2	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	62	197169	250.0	250.0	
44 2,2-Dichloropropane	97	5.009	5.004	0.005	85	15992	20.0	16.2	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	69	56077	20.0	18.8	
45 2-Butanone (MEK)	72	5.025	5.025	0.000	98	27683	100.0	94.5	
47 Ethyl acetate	70	5.046	5.046	0.000	96	9902	40.0	13.5	
48 Methyl acrylate	55	5.109	5.109	0.000	99	38035	20.0	19.0	
46 Propionitrile	54	5.156	5.156	0.000	97	63080	200.0	216.1	
49 Chlorobromomethane	128	5.287	5.287	0.000	49	23642	20.0	17.3	
51 Tetrahydrofuran	72	5.297	5.297	0.000	28	11849	40.0	14.2	
50 Methacrylonitrile	67	5.297	5.297	0.000	92	196805	200.0	210.5	
52 Chloroform	83	5.350	5.350	0.000	99	95854	20.0	17.5	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	93391	50.0	41.7	
54 1,1,1-Trichloroethane	97	5.544	5.544	0.000	94	88696	20.0	16.5	
55 Cyclohexane	84	5.554	5.554	0.000	86	65281	20.0	16.8	
56 Carbon tetrachloride	117	5.701	5.701	0.000	99	74533	20.0	16.3	
57 1,1-Dichloropropene	75	5.727	5.727	0.000	96	72470	20.0	17.8	
59 Isobutyl alcohol	43	5.822	5.822	0.000	97	40281	500.0	651.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	82	126254	50.0	44.0	
62 Isooctane	57	5.958	5.958	0.000	54	81677	20.0	15.0	
60 Benzene	78	5.963	5.958	0.005	95	202434	20.0	22.3	
63 Isopropyl acetate	61	6.011	6.010	0.000	97	21436	20.0	17.4	a
64 Tert-amyl methyl ether	73	6.047	6.042	0.005	97	126841	20.0	17.5	
61 1,2-Dichloroethane	62	6.047	6.047	0.000	73	73794	20.0	15.8	
66 n-Heptane	43	6.178	6.178	0.000	91	36723	20.0	15.7	
* 65 Fluorobenzene	96	6.299	6.299	0.000	98	387491	50.0	50.0	
68 n-Butanol	56	6.619	6.619	0.000	85	24861	500.0	564.4	
67 Trichloroethene	95	6.734	6.734	0.000	97	55530	20.0	17.5	
69 Ethyl acrylate	55	6.860	6.860	0.000	99	48389	20.0	17.3	
70 Methylcyclohexane	83	6.912	6.912	0.000	95	65356	20.0	16.1	
71 1,2-Dichloropropane	63	7.064	7.064	0.000	85	47636	20.0	18.8	
* 73 1,4-Dioxane-d8	96	7.122	7.122	0.000	1	22741	1000.0	1000.0	
75 Methyl methacrylate	100	7.159	7.159	0.000	87	23170	40.0	37.4	
74 1,4-Dioxane	88	7.190	7.190	0.000	75	11708	400.0	444.0	
72 Dibromomethane	93	7.211	7.211	0.000	88	32062	20.0	18.0	
76 n-Propyl acetate	43	7.222	7.227	-0.005	99	63482	20.0	20.6	
77 Dichlorobromomethane	83	7.395	7.400	-0.005	99	65163	20.0	16.0	
78 2-Nitropropane	41	7.777	7.777	0.000	97	19424	40.0	26.8	
80 Epichlorohydrin	57	7.909	7.914	-0.006	99	62160	400.0	162.9	
81 cis-1,3-Dichloropropene	75	8.003	8.003	0.000	92	80934	20.0	20.5	
82 4-Methyl-2-pentanone (MIBK)	43	8.197	8.197	0.000	97	195714	100.0	106.2	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	98	357234	50.0	54.2	
84 Toluene	91	8.417	8.417	0.000	93	213001	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	8.810	8.810	0.000	96	70157	20.0	19.4	
86 Ethyl methacrylate	69	8.868	8.868	0.000	87	56957	20.0	21.0	
87 1,1,2-Trichloroethane	83	9.067	9.072	-0.005	93	35089	20.0	21.0	
88 Tetrachloroethene	166	9.172	9.172	0.000	92	51539	20.0	16.5	
89 1,3-Dichloropropane	76	9.329	9.329	0.000	93	77175	20.0	21.5	
90 2-Hexanone	43	9.408	9.408	0.000	96	135257	100.0	103.3	
93 n-Butyl acetate	43	9.565	9.565	0.000	96	58382	20.0	23.1	
91 Chlorodibromomethane	129	9.613	9.612	0.001	95	45654	20.0	18.8	
92 Ethylene Dibromide	107	9.801	9.801	0.000	97	43078	20.0	19.9	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	88	270085	50.0	50.0	
95 Chlorobenzene	112	10.535	10.535	0.000	93	133562	20.0	19.9	
97 Ethylbenzene	106	10.672	10.672	0.000	99	74426	20.0	20.0	
96 1,1,1,2-Tetrachloroethane	131	10.677	10.672	0.005	39	47822	20.0	18.4	
98 m-Xylene & p-Xylene	106	10.866	10.866	0.000	92	88705	20.0	19.8	
101 n-Butyl acrylate	73	11.453	11.453	0.000	97	30723	20.0	20.1	
99 o-Xylene	106	11.474	11.474	0.000	92	88233	20.0	20.3	
100 Styrene	104	11.511	11.510	0.001	93	141545	20.0	20.7	
102 Bromoform	173	11.767	11.773	-0.006	65	25655	20.0	15.4	
103 Amyl acetate (mixed isomers)	43	11.773	11.773	0.000	92	61436	20.0	23.5	
104 Isopropylbenzene	105	11.961	11.961	0.000	96	207161	20.0	19.9	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	86	101538	50.0	42.7	
106 Bromobenzene	156	12.365	12.365	0.000	98	51804	20.0	19.2	
107 1,1,2,2-Tetrachloroethane	83	12.402	12.402	0.000	95	47533	20.0	22.3	
108 1,2,3-Trichloropropane	110	12.460	12.454	0.006	57	18104	20.0	21.8	
110 N-Propylbenzene	91	12.465	12.465	0.000	98	273215	20.0	23.5	
111 2-Chlorotoluene	91	12.585	12.585	0.000	96	190546	20.0	22.3	
112 4-Ethyltoluene	105	12.601	12.601	0.000	95	218050	20.0	22.4	
114 1,3,5-Trimethylbenzene	105	12.680	12.680	0.000	90	183451	20.0	21.4	
109 trans-1,4-Dichloro-2-butene	53	12.480	12.711	-0.231	45	13420	20.0	18.3	a
113 4-Chlorotoluene	91	12.716	12.716	0.000	99	192379	20.0	23.6	
115 Butyl Methacrylate	87	12.795	12.795	0.000	89	50658	20.0	20.6	
116 tert-Butylbenzene	119	13.015	13.015	0.000	88	151393	20.0	20.7	
117 1,2,4-Trimethylbenzene	105	13.083	13.083	0.000	97	187026	20.0	21.4	
118 sec-Butylbenzene	105	13.246	13.246	0.000	98	212991	20.0	21.9	
119 1,3-Dichlorobenzene	146	13.382	13.382	0.000	92	94409	20.0	19.7	
122 4-Isopropyltoluene	119	13.393	13.398	-0.005	95	185327	20.0	21.4	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	97	141651	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.482	13.482	0.000	92	95645	20.0	19.5	
123 1,2,3-Trimethylbenzene	105	13.508	13.508	0.000	99	188670	20.0	21.4	
124 Benzyl chloride	91	13.618	13.618	0.000	98	73081	20.0	15.8	
125 2,3-Dihydroindene	117	13.697	13.697	0.000	90	153940	20.0	21.1	
127 p-Diethylbenzene	119	13.765	13.765	0.000	90	105144	20.0	20.9	
128 n-Butylbenzene	92	13.786	13.786	0.000	98	91607	20.0	22.5	
126 1,2-Dichlorobenzene	146	13.838	13.838	0.000	94	85057	20.0	19.4	
130 1,2,4,5-Tetramethylbenzene	119	14.462	14.462	0.000	95	153142	20.0	20.4	
129 1,2-Dibromo-3-Chloropropane	157	14.541	14.536	0.005	92	9158	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	14.677	14.677	0.000	95	54448	20.0	17.8	
132 1,2,4-Trichlorobenzene	180	15.191	15.191	0.000	93	45075	20.0	17.3	
133 Hexachlorobutadiene	225	15.286	15.285	0.001	74	21559	20.0	15.3	
134 Naphthalene	128	15.390	15.390	0.000	99	123554	20.0	20.1	
135 1,2,3-Trichlorobenzene	180	15.590	15.590	0.000	93	38141	20.0	17.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	40.1	
S 140 Total BTEX	1				0		100.0	103.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
GASES Li_00640	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-May-2025 07:29:16 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690543.D

Injection Date: 07-May-2025 19:00:28 Instrument ID: CVOAMS15

Lims ID: LCSD

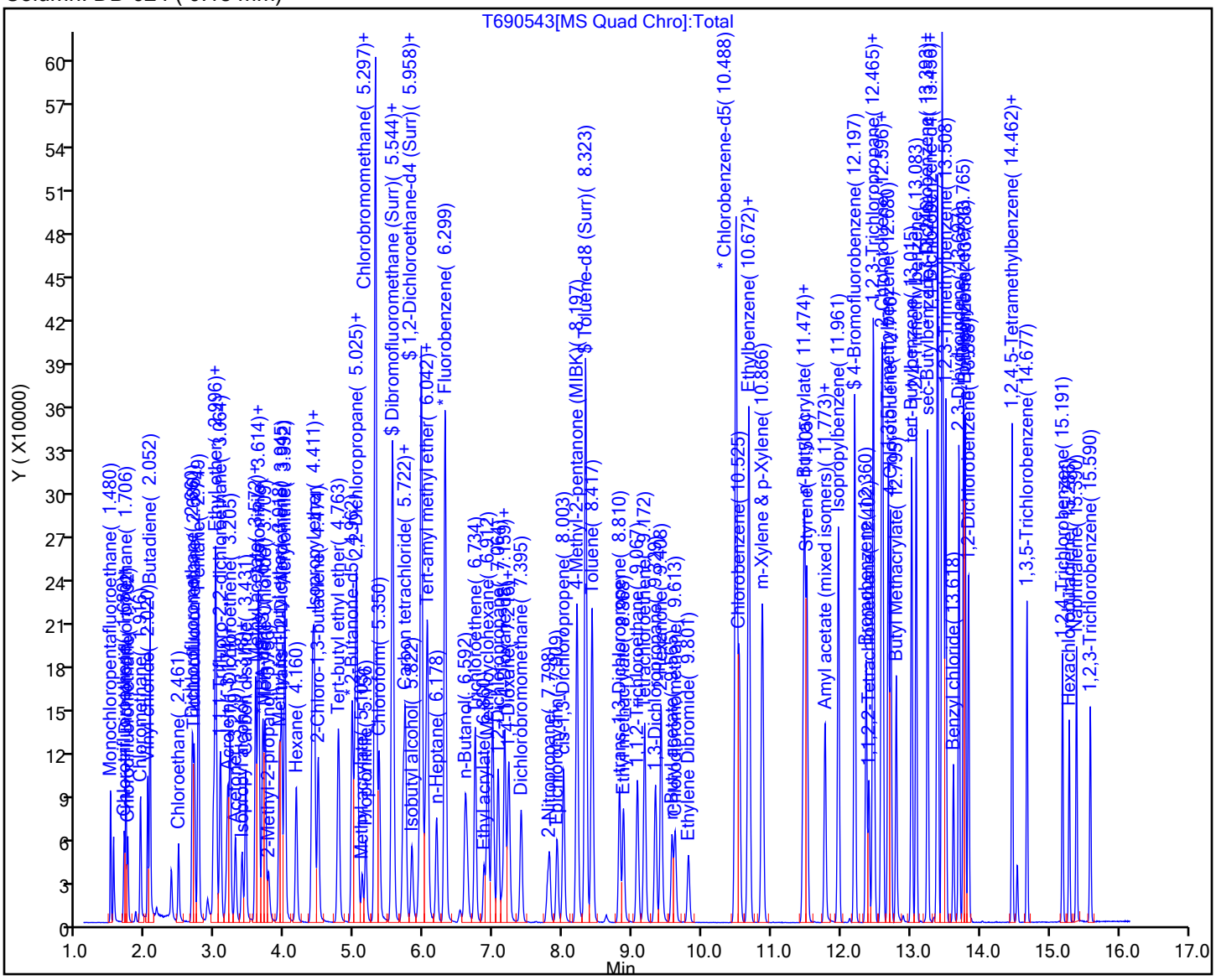
Client ID:

Operator ID: ALS Bottle#: 32 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690543.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-May-2025 19:00:28 ALS Bottle#: 32 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0190476-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:29:07 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:05:24

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.7	83.44
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.0	88.04
$ 83 Toluene-d8 (Surr)	50.0	54.2	108.46
$ 105 4-Bromofluorobenzene	50.0	42.7	85.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 MS | Lab Sample ID: 460-325502-1 MS

Matrix: Water | Lab File ID: T690566.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 03:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	15.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	23.4		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17.8		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.5		0.58	0.19
75-34-3	1,1-Dichloroethane	18.6		1.0	0.26
75-35-4	1,1-Dichloroethene	18.4		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	15.0		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	14.9		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	18.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	16.5		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.4		1.0	0.21
107-06-2	1,2-Dichloroethane	14.3		0.30	0.087
78-87-5	1,2-Dichloropropane	19.7		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	19.1		1.0	0.33
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.7		1.0	0.33
78-93-3	2-Butanone (MEK)	86.9		5.0	3.9
591-78-6	2-Hexanone	98.8		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	1.3
67-64-1	Acetone	81.4		5.0	4.4
71-43-2	Benzene	22.2		0.45	0.070
75-25-2	Bromoform	13.8		1.0	0.54
74-83-9	Bromomethane	7.03		1.0	0.55
75-15-0	Carbon disulfide	17.0		1.0	0.82
56-23-5	Carbon tetrachloride	15.2		1.0	0.21
108-90-7	Chlorobenzene	19.4		1.0	0.38
74-97-5	Chlorobromomethane	16.9		1.0	0.41
124-48-1	Chlorodibromomethane	17.3		0.78	0.086
75-00-3	Chloroethane	21.8		1.0	0.32
67-66-3	Chloroform	18.2		1.0	0.33
74-87-3	Chloromethane	20.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 MS | Lab Sample ID: 460-325502-1 MS

Matrix: Water | Lab File ID: T690566.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 03:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	18.4		0.45	0.069
110-82-7	Cyclohexane	18.4		1.0	0.32
75-27-4	Dichlorobromomethane	15.3		0.98	0.15
75-71-8	Dichlorodifluoromethane	19.0		1.0	0.31
100-41-4	Ethylbenzene	19.1		1.0	0.30
106-93-4	Ethylene Dibromide	19.1		1.0	0.50
98-82-8	Isopropylbenzene	19.4		1.0	0.34
79-20-9	Methyl acetate	36.8		5.0	0.79
1634-04-4	Methyl tert-butyl ether	15.1		1.0	0.22
108-87-2	Methylcyclohexane	17.8		1.0	0.71
75-09-2	Methylene Chloride	20.0		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	18.5		1.0	0.30
104-51-8	n-Butylbenzene	21.3		1.0	0.32
103-65-1	N-Propylbenzene	22.8		1.0	0.32
95-47-6	o-Xylene	19.1		1.0	0.36
135-98-8	sec-Butylbenzene	21.5		1.0	0.37
100-42-5	Styrene	16.1		1.0	0.42
98-06-6	tert-Butylbenzene	20.1		1.0	0.34
127-18-4	Tetrachloroethene	49.5		0.40	0.28
108-88-3	Toluene	20.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	16.2		0.45	0.12
79-01-6	Trichloroethene	17.4		0.28	0.074
75-69-4	Trichlorofluoromethane	16.9		1.0	0.32
75-01-4	Vinyl chloride	25.3		1.0	0.40
1330-20-7	Xylenes, Total	37.6		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 MS | Lab Sample ID: 460-325502-1 MS

Matrix: Water | Lab File ID: T690566.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 03:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		70-128
460-00-4	4-Bromofluorobenzene	84		76-120
1868-53-7	Dibromofluoromethane (Surr)	85		77-132
2037-26-5	Toluene-d8 (Surr)	107		80-120

Report Date: 08-May-2025 07:28:18 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690566.D
Lims ID: 460-325502-A-1 MS
Client ID: MW-06_20250501
Sample Type: MS
Inject. Date: 08-May-2025 03:47:06 ALS Bottle#: 55 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-1 MS
Misc. Info.: 460-0190476-027
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:13:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.548	1.543	0.005	14	553	20.0	5.60	
3 Chlorotrifluoroethene	116	1.669	1.669	0.000	39	1369	20.0	2.36	
2 1,1-Difluoroethane	65	1.685	1.685	0.000	91	12695	20.0	14.5	
4 Dichlorodifluoromethane	85	1.706	1.706	0.000	100	73142	20.0	19.0	
5 Chlorodifluoromethane	67	1.732	1.732	0.000	78	5681	20.0	11.8	
6 Chloromethane	50	1.915	1.916	-0.001	99	65061	20.0	20.9	
7 Vinyl chloride	62	2.020	2.021	-0.001	99	68569	20.0	25.3	
8 Butadiene	54	2.052	2.052	0.000	95	54627	20.0	20.6	
9 Bromomethane	94	2.361	2.361	0.000	91	10461	20.0	7.03	
10 Chloroethane	64	2.461	2.461	0.000	99	36372	20.0	21.8	
11 Dichlorofluoromethane	67	2.660	2.660	0.000	98	98616	20.0	18.5	
12 Trichlorofluoromethane	101	2.691	2.686	0.005	99	87877	20.0	16.9	
13 Pentane	72	2.749	2.749	0.000	96	16531	40.0	35.2	
14 Ethanol	46	2.880	2.880	0.000	98	6954	800.0	1541.8	
15 Ethyl ether	59	2.964	2.964	0.000	91	36465	20.0	17.3	
17 2-Methyl-1,3-butadiene	53	2.990	2.996	-0.006	86	28387	20.0	13.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	3.006	3.006	0.000	86	33266	20.0	14.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.064	3.064	0.000	97	54549	20.0	16.4	
19 Acrolein	56	3.142	3.143	-0.001	97	12263	40.0	35.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.169	3.174	-0.005	95	45856	20.0	17.8	
20 1,1-Dichloroethene	96	3.205	3.205	0.000	99	45519	20.0	18.4	
22 Acetone	43	3.279	3.279	0.000	86	59735	100.0	81.4	
25 Isopropyl alcohol	45	3.373	3.373	0.000	75	21676	200.0	268.9	
23 Iodomethane	142	3.378	3.378	0.000	98	29407	20.0	8.82	
24 Carbon disulfide	76	3.431	3.431	0.000	99	130991	20.0	17.0	
27 3-Chloro-1-propene	76	3.572	3.572	0.000	91	26093	20.0	19.2	
28 Methyl acetate	43	3.577	3.578	-0.001	94	56101	40.0	36.8	
26 Acetonitrile	41	3.609	3.609	0.000	84	75733	200.0	112.0	
29 Cyclopentene	67	3.614	3.614	0.000	82	103645	20.0	15.3	
* 31 TBA-d9 (IS)	66	3.677	3.672	0.005	97	22041	1000.0	1000.0	
30 Methylene Chloride	84	3.709	3.714	-0.005	89	52687	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.761	3.756	0.005	92	28255	200.0	188.2	
35 Methyl tert-butyl ether	73	3.918	3.919	0.000	97	117858	20.0	15.1	
34 trans-1,2-Dichloroethene	96	3.945	3.950	-0.006	93	51293	20.0	18.6	
33 Acrylonitrile	53	3.992	3.992	0.000	93	158381	200.0	214.0	
36 Hexane	57	4.159	4.160	-0.001	94	49199	20.0	16.5	
40 Isopropyl ether	45	4.385	4.390	-0.005	94	141798	20.0	21.3	
37 1,1-Dichloroethane	63	4.411	4.406	0.005	77	89739	20.0	18.6	
38 Vinyl acetate	86	4.422	4.422	0.000	99	17095	40.0	17.2	
39 2-Chloro-1,3-butadiene	88	4.474	4.474	0.000	90	38180	20.0	15.8	
41 Tert-butyl ethyl ether	59	4.768	4.768	0.000	92	114816	20.0	14.9	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	54	140303	250.0	250.0	
44 2,2-Dichloropropane	97	5.009	5.009	0.000	83	13129	20.0	13.1	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	72	58826	20.0	19.3	
45 2-Butanone (MEK)	72	5.025	5.030	-0.005	98	26052	100.0	86.9	
46 Propionitrile	54	5.156	5.030	0.126	97	62780	200.0	210.9	a
47 Ethyl acetate	70	5.046	5.046	0.000	95	9145	40.0	17.5	a
48 Methyl acrylate	55	5.103	5.109	-0.006	99	33745	20.0	16.6	
49 Chlorobromomethane	128	5.292	5.287	0.005	47	23511	20.0	16.9	
51 Tetrahydrofuran	72	5.297	5.292	0.005	27	11115	40.0	18.8	
50 Methacrylonitrile	67	5.297	5.297	0.000	93	192938	200.0	202.5	
52 Chloroform	83	5.350	5.350	0.000	99	101265	20.0	18.2	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	97061	50.0	42.5	
54 1,1,1-Trichloroethane	97	5.544	5.544	0.000	92	85878	20.0	15.7	
55 Cyclohexane	84	5.554	5.554	0.000	90	72725	20.0	18.4	
56 Carbon tetrachloride	117	5.701	5.701	0.000	98	70719	20.0	15.2	
57 1,1-Dichloropropene	75	5.732	5.727	0.005	98	72218	20.0	17.4	
59 Isobutyl alcohol	43	5.822	5.822	0.000	96	36468	500.0	726.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	80	120597	50.0	41.2	
62 Isooctane	57	5.958	5.958	0.000	55	91124	20.0	16.4	
60 Benzene	78	5.963	5.958	0.005	95	212542	20.0	22.2	
63 Isopropyl acetate	61	6.016	6.011	0.006	95	20948	20.0	16.7	
61 1,2-Dichloroethane	62	6.047	6.042	0.005	83	67748	20.0	14.3	
64 Tert-amyl methyl ether	73	6.042	6.047	-0.005	95	114672	20.0	15.5	
66 n-Heptane	43	6.178	6.178	0.000	91	38398	20.0	16.1	
* 65 Fluorobenzene	96	6.299	6.299	0.000	98	395018	50.0	50.0	
68 n-Butanol	56	6.618	6.619	-0.001	91	20990	500.0	586.5	
67 Trichloroethene	95	6.734	6.734	0.000	98	56044	20.0	17.4	
69 Ethyl acrylate	55	6.865	6.865	0.000	98	46121	20.0	16.2	
70 Methylcyclohexane	83	6.917	6.912	0.005	95	73525	20.0	17.8	
71 1,2-Dichloropropane	63	7.064	7.059	0.005	90	50997	20.0	19.7	
* 73 1,4-Dioxane-d8	96	7.117	7.127	-0.010	1	22331	1000.0	1000.0	
75 Methyl methacrylate	100	7.164	7.159	0.005	88	20452	40.0	32.3	
74 1,4-Dioxane	88	7.195	7.190	0.005	60	10994	400.0	424.6	
72 Dibromomethane	93	7.216	7.211	0.005	77	31293	20.0	17.2	
76 n-Propyl acetate	43	7.227	7.227	0.000	98	55868	20.0	17.8	
77 Dichlorobromomethane	83	7.394	7.395	-0.001	98	63569	20.0	15.3	
78 2-Nitropropane	41	7.777	7.777	0.000	96	15286	40.0	20.7	
80 Epichlorohydrin	57	7.908	7.914	-0.006	96	18747	400.0	68.7	
81 cis-1,3-Dichloropropene	75	8.008	8.003	0.005	92	76566	20.0	18.4	
82 4-Methyl-2-pentanone (MIBK)	43	8.197	8.197	0.000	97	195463	100.0	104.1	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	-0.001	98	371195	50.0	53.4	
84 Toluene	91	8.417	8.417	0.000	92	219679	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	8.810	8.810	0.000	96	61979	20.0	16.2	
86 Ethyl methacrylate	69	8.868	8.868	0.000	88	52183	20.0	18.2	
87 1,1,2-Trichloroethane	83	9.067	9.067	0.000	94	37864	20.0	21.5	
88 Tetrachloroethene	166	9.177	9.172	0.005	95	162785	20.0	49.5	
89 1,3-Dichloropropane	76	9.329	9.324	0.005	91	78282	20.0	20.6	
90 2-Hexanone	43	9.408	9.408	0.000	98	131886	100.0	98.8	
93 n-Butyl acetate	43	9.565	9.565	0.000	97	51615	20.0	19.3	
91 Chlorodibromomethane	129	9.618	9.613	0.005	94	44300	20.0	17.3	
92 Ethylene Dibromide	107	9.806	9.801	0.005	98	43603	20.0	19.1	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	87	285153	50.0	50.0	
95 Chlorobenzene	112	10.530	10.530	0.000	93	137715	20.0	19.4	
97 Ethylbenzene	106	10.677	10.672	0.005	98	75084	20.0	19.1	
96 1,1,1,2-Tetrachloroethane	131	10.677	10.672	0.005	42	47500	20.0	17.3	
98 m-Xylene & p-Xylene	106	10.871	10.871	0.000	92	87890	20.0	18.5	
101 n-Butyl acrylate	73	11.458	11.453	0.005	72	28031	20.0	17.3	
99 o-Xylene	106	11.479	11.474	0.005	93	87366	20.0	19.1	
100 Styrene	104	11.510	11.511	-0.001	93	115954	20.0	16.1	
102 Bromoform	173	11.767	11.767	0.000	65	24257	20.0	13.8	
103 Amyl acetate (mixed isomers)	43	11.772	11.773	-0.001	91	56223	20.0	20.5	
104 Isopropylbenzene	105	11.961	11.961	0.000	96	213880	20.0	19.4	
$ 105 4-Bromofluorobenzene	174	12.202	12.197	0.005	87	104999	50.0	41.8	
106 Bromobenzene	156	12.365	12.365	0.000	98	53091	20.0	18.7	
107 1,1,2,2-Tetrachloroethane	83	12.402	12.402	0.000	90	52248	20.0	23.4	
108 1,2,3-Trichloropropane	110	12.459	12.460	-0.001	57	18124	20.0	20.8	
110 N-Propylbenzene	91	12.465	12.465	0.000	98	278108	20.0	22.8	
111 2-Chlorotoluene	91	12.585	12.585	0.000	96	195053	20.0	21.7	
112 4-Ethyltoluene	105	12.601	12.601	0.000	96	216284	20.0	21.1	
114 1,3,5-Trimethylbenzene	105	12.680	12.680	0.000	90	171569	20.0	19.1	
113 4-Chlorotoluene	91	12.716	12.716	0.000	98	196774	20.0	23.0	
109 trans-1,4-Dichloro-2-butene	53	12.480	12.722	-0.242	45	11545	20.0	15.0	a
115 Butyl Methacrylate	87	12.795	12.795	0.000	89	47831	20.0	18.5	
116 tert-Butylbenzene	119	13.020	13.015	0.005	89	154310	20.0	20.1	
117 1,2,4-Trimethylbenzene	105	13.083	13.083	0.000	97	167536	20.0	18.3	
118 sec-Butylbenzene	105	13.246	13.246	0.000	98	219784	20.0	21.5	
119 1,3-Dichlorobenzene	146	13.382	13.382	0.000	93	96432	20.0	19.2	
122 4-Isopropyltoluene	119	13.398	13.398	0.000	92	179594	20.0	19.8	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	98	148664	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.482	13.482	0.000	91	96208	20.0	18.7	
123 1,2,3-Trimethylbenzene	105	13.508	13.508	0.000	99	179688	20.0	19.4	
124 Benzyl chloride	91	13.618	13.618	0.000	98	52105	20.0	10.7	
125 2,3-Dihydroindene	117	13.697	13.697	0.000	88	151808	20.0	19.8	
127 p-Diethylbenzene	119	13.765	13.765	0.000	90	100960	20.0	19.1	
128 n-Butylbenzene	92	13.786	13.786	0.000	98	91033	20.0	21.3	
126 1,2-Dichlorobenzene	146	13.838	13.838	0.000	94	89419	20.0	19.4	
130 1,2,4,5-Tetramethylbenzene	119	14.462	14.462	0.000	95	113786	20.0	14.4	
129 1,2-Dibromo-3-Chloropropane	157	14.541	14.541	0.000	93	8634	20.0	16.5	
131 1,3,5-Trichlorobenzene	180	14.677	14.677	0.000	95	51626	20.0	16.0	
132 1,2,4-Trichlorobenzene	180	15.191	15.191	0.000	92	40685	20.0	14.9	
133 Hexachlorobutadiene	225	15.285	15.286	-0.001	73	20746	20.0	14.0	
134 Naphthalene	128	15.390	15.390	0.000	99	102871	20.0	16.0	
135 1,2,3-Trichlorobenzene	180	15.589	15.590	-0.001	94	34567	20.0	15.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	37.6	
S 140 Total BTEX	1				0		100.0	99.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	34.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00640	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-May-2025 07:28:19 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690566.D

Injection Date: 08-May-2025 03:47:06 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-1 MS

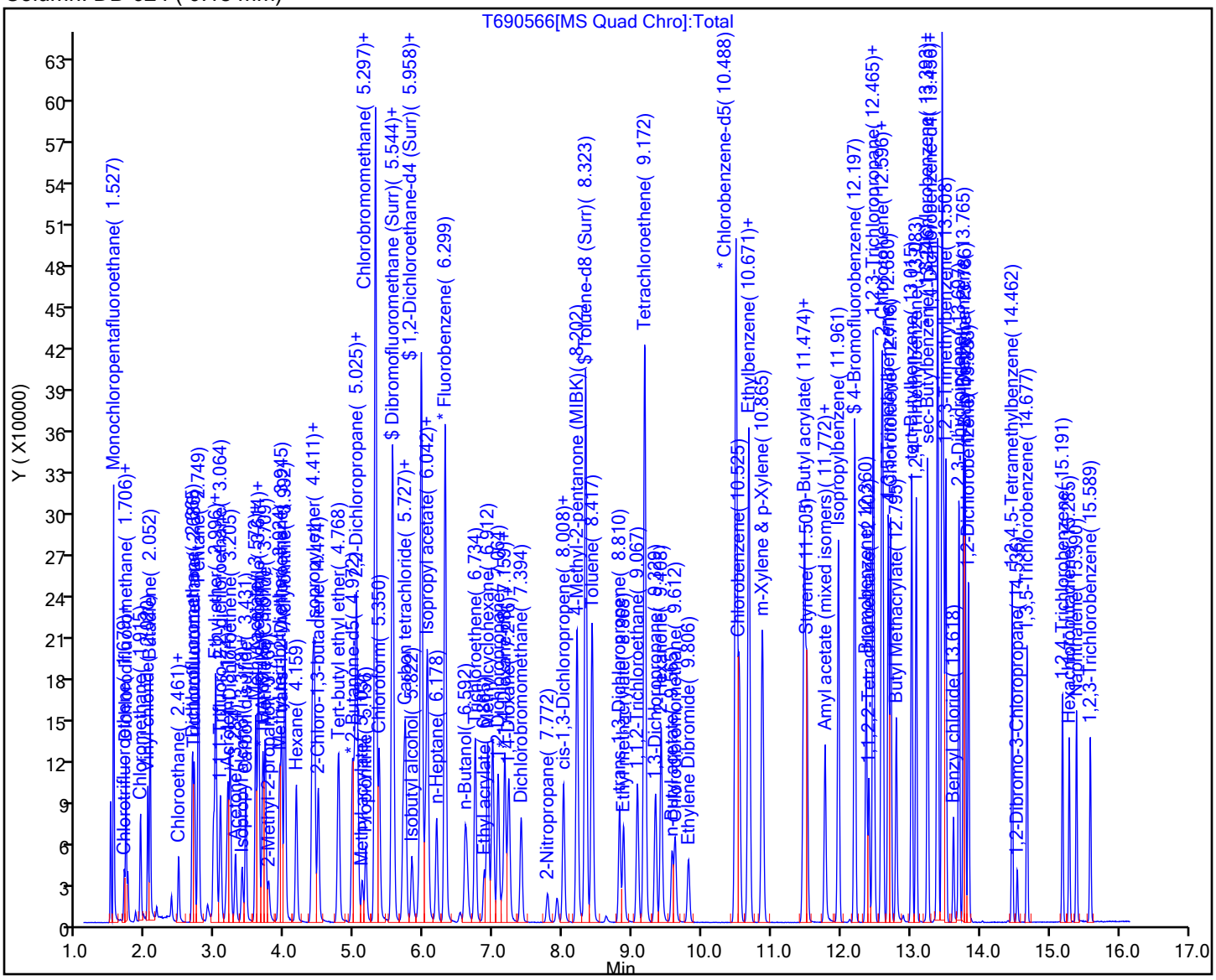
Client ID: MW-06_20250501

Operator ID: ALS Bottle#: 55 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690566.D
Lims ID: 460-325502-A-1 MS
Client ID: MW-06_20250501
Sample Type: MS
Inject. Date: 08-May-2025 03:47:06 ALS Bottle#: 55 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-1 MS
Misc. Info.: 460-0190476-027
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:13:45

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	42.5	85.07
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	41.2	82.49
$ 83 Toluene-d8 (Surr)	50.0	53.4	106.75
$ 105 4-Bromofluorobenzene	50.0	41.8	83.59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 MSD | Lab Sample ID: 460-325502-1 MSD

Matrix: Water | Lab File ID: T690567.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 04:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	16.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	24.8		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	22.6		0.58	0.19
75-34-3	1,1-Dichloroethane	19.6		1.0	0.26
75-35-4	1,1-Dichloroethene	19.6		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	16.8		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	16.7		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	20.0		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.5		1.0	0.21
107-06-2	1,2-Dichloroethane	15.2		0.30	0.087
78-87-5	1,2-Dichloropropane	20.8		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	20.5		1.0	0.33
541-73-1	1,3-Dichlorobenzene	20.4		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.1		1.0	0.33
78-93-3	2-Butanone (MEK)	91.6		5.0	3.9
591-78-6	2-Hexanone	106		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	110		5.0	1.3
67-64-1	Acetone	87.1		5.0	4.4
71-43-2	Benzene	24.1		0.45	0.070
75-25-2	Bromoform	15.1		1.0	0.54
74-83-9	Bromomethane	12.2		1.0	0.55
75-15-0	Carbon disulfide	18.2		1.0	0.82
56-23-5	Carbon tetrachloride	16.6		1.0	0.21
108-90-7	Chlorobenzene	21.1		1.0	0.38
74-97-5	Chlorobromomethane	18.1		1.0	0.41
124-48-1	Chlorodibromomethane	18.5		0.78	0.086
75-00-3	Chloroethane	22.7		1.0	0.32
67-66-3	Chloroform	19.0		1.0	0.33
74-87-3	Chloromethane	22.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.0		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 MSD | Lab Sample ID: 460-325502-1 MSD

Matrix: Water | Lab File ID: T690567.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 04:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	20.3		0.45	0.069
110-82-7	Cyclohexane	19.7		1.0	0.32
75-27-4	Dichlorobromomethane	16.2		0.98	0.15
75-71-8	Dichlorodifluoromethane	20.1		1.0	0.31
100-41-4	Ethylbenzene	20.8		1.0	0.30
106-93-4	Ethylene Dibromide	20.6		1.0	0.50
98-82-8	Isopropylbenzene	21.3		1.0	0.34
79-20-9	Methyl acetate	38.3		5.0	0.79
1634-04-4	Methyl tert-butyl ether	16.1		1.0	0.22
108-87-2	Methylcyclohexane	18.9		1.0	0.71
75-09-2	Methylene Chloride	21.4		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	20.2		1.0	0.30
104-51-8	n-Butylbenzene	23.0		1.0	0.32
103-65-1	N-Propylbenzene	24.5		1.0	0.32
95-47-6	o-Xylene	20.8		1.0	0.36
135-98-8	sec-Butylbenzene	23.1		1.0	0.37
100-42-5	Styrene	17.9		1.0	0.42
98-06-6	tert-Butylbenzene	21.7		1.0	0.34
127-18-4	Tetrachloroethene	52.3		0.40	0.28
108-88-3	Toluene	22.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.4		0.45	0.12
79-01-6	Trichloroethene	18.4		0.28	0.074
75-69-4	Trichlorofluoromethane	17.8		1.0	0.32
75-01-4	Vinyl chloride	26.7		1.0	0.40
1330-20-7	Xylenes, Total	41.0		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-325502-1

SDG No.:

Client Sample ID: MW-06_20250501 MSD | Lab Sample ID: 460-325502-1 MSD

Matrix: Water | Lab File ID: T690567.D

Analysis Method: 8260D | Date Collected: 05/01/2025 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/08/2025 04:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1036114 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		70-128
460-00-4	4-Bromofluorobenzene	85		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

Report Date: 08-May-2025 07:28:25 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690567.D
Lims ID: 460-325502-A-1 MSD
Client ID: MW-06_20250501
Sample Type: MSD
Inject. Date: 08-May-2025 04:09:58 ALS Bottle#: 56 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-1 MSD
Misc. Info.: 460-0190476-028
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:15:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.543	1.543	0.000	20	507	20.0	4.90	
3 Chlorotrifluoroethene	116	1.669	1.669	0.000	58	2133	20.0	3.51	
2 1,1-Difluoroethane	65	1.680	1.685	-0.005	94	13945	20.0	15.2	
4 Dichlorodifluoromethane	85	1.706	1.706	0.000	99	81287	20.0	20.1	
5 Chlorodifluoromethane	67	1.732	1.732	0.000	98	6273	20.0	12.5	
6 Chloromethane	50	1.916	1.916	0.000	100	72820	20.0	22.3	
7 Vinyl chloride	62	2.020	2.021	-0.001	99	75778	20.0	26.7	
8 Butadiene	54	2.052	2.052	0.000	97	61610	20.0	22.1	
9 Bromomethane	94	2.361	2.361	0.000	96	18566	20.0	12.2	
10 Chloroethane	64	2.461	2.461	0.000	99	39615	20.0	22.7	
11 Dichlorofluoromethane	67	2.660	2.660	0.000	99	108493	20.0	19.4	
12 Trichlorofluoromethane	101	2.686	2.686	0.000	98	97118	20.0	17.8	
13 Pentane	72	2.749	2.749	0.000	96	19019	40.0	38.6	
14 Ethanol	46	2.880	2.880	0.000	98	8449	800.0	1730.7	
15 Ethyl ether	59	2.964	2.964	0.000	92	41814	20.0	18.9	
17 2-Methyl-1,3-butadiene	53	2.990	2.996	-0.006	86	33033	20.0	14.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	3.006	3.006	0.000	95	37854	20.0	15.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	3.064	3.064	0.000	96	58631	20.0	16.9	
19 Acrolein	56	3.137	3.143	-0.006	94	14284	40.0	39.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.169	3.174	-0.005	96	51008	20.0	18.9	
20 1,1-Dichloroethene	96	3.205	3.205	0.000	98	50819	20.0	19.6	
22 Acetone	43	3.284	3.279	0.005	86	66936	100.0	87.1	
25 Isopropyl alcohol	45	3.373	3.373	0.000	67	25506	200.0	292.4	
23 Iodomethane	142	3.378	3.378	0.000	97	37127	20.0	10.6	
24 Carbon disulfide	76	3.431	3.431	0.000	99	146851	20.0	18.2	
27 3-Chloro-1-propene	76	3.572	3.572	0.000	91	30414	20.0	21.3	
28 Methyl acetate	43	3.578	3.578	0.000	89	61320	40.0	38.3	
26 Acetonitrile	41	3.609	3.609	0.000	81	86003	200.0	112.9	
29 Cyclopentene	67	3.614	3.614	0.000	84	116077	20.0	16.3	
* 31 TBA-d9 (IS)	66	3.677	3.672	0.005	96	23856	1000.0	1000.0	
30 Methylene Chloride	84	3.709	3.714	-0.005	90	59040	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.761	3.756	0.005	94	32346	200.0	199.1	
35 Methyl tert-butyl ether	73	3.918	3.919	0.000	97	131761	20.0	16.1	
34 trans-1,2-Dichloroethene	96	3.950	3.950	0.000	85	55677	20.0	19.2	
33 Acrylonitrile	53	3.992	3.992	0.000	92	175506	200.0	226.3	
36 Hexane	57	4.160	4.160	0.000	93	56466	20.0	18.1	
40 Isopropyl ether	45	4.385	4.390	-0.005	96	159419	20.0	22.8	
37 1,1-Dichloroethane	63	4.411	4.406	0.005	76	99305	20.0	19.6	
38 Vinyl acetate	86	4.422	4.422	0.000	99	19788	40.0	17.6	
39 2-Chloro-1,3-butadiene	88	4.474	4.474	0.000	91	42322	20.0	16.7	
41 Tert-butyl ethyl ether	59	4.763	4.768	-0.005	91	132348	20.0	16.4	
* 42 2-Butanone-d5	46	4.962	4.962	0.000	54	158168	250.0	250.0	
44 2,2-Dichloropropane	97	5.004	5.009	-0.005	87	14927	20.0	14.2	
43 cis-1,2-Dichloroethene	96	5.025	5.025	0.000	71	63991	20.0	20.0	
45 2-Butanone (MEK)	72	5.025	5.030	-0.005	98	28711	100.0	91.6	
46 Propionitrile	54	5.161	5.030	0.131	97	68919	200.0	221.1	a
47 Ethyl acetate	70	5.046	5.046	0.000	96	10221	40.0	17.4	
48 Methyl acrylate	55	5.109	5.109	0.000	99	37428	20.0	17.5	
49 Chlorobromomethane	128	5.292	5.287	0.005	46	26371	20.0	18.1	
51 Tetrahydrofuran	72	5.297	5.292	0.005	28	12572	40.0	18.9	
50 Methacrylonitrile	67	5.297	5.297	0.000	93	215154	200.0	215.5	
52 Chloroform	83	5.350	5.350	0.000	99	110729	20.0	19.0	
$ 53 Dibromofluoromethane (Surr)	113	5.533	5.533	0.000	94	100073	50.0	41.9	
54 1,1,1-Trichloroethane	97	5.549	5.544	0.005	96	96757	20.0	16.8	
55 Cyclohexane	84	5.549	5.554	-0.005	87	81542	20.0	19.7	
56 Carbon tetrachloride	117	5.701	5.701	0.000	99	80919	20.0	16.6	
57 1,1-Dichloropropene	75	5.733	5.727	0.006	96	81022	20.0	18.6	
59 Isobutyl alcohol	43	5.822	5.822	0.000	95	41351	500.0	761.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.953	5.953	0.000	77	123888	50.0	40.4	
62 Isooctane	57	5.963	5.958	0.005	56	99810	20.0	17.1	
60 Benzene	78	5.958	5.958	0.000	94	235110	20.0	24.1	
63 Isopropyl acetate	61	6.021	6.011	0.011	94	23438	20.0	17.8	
61 1,2-Dichloroethane	62	6.042	6.042	0.000	82	75728	20.0	15.2	
64 Tert-amyl methyl ether	73	6.047	6.047	0.000	96	129789	20.0	16.7	
66 n-Heptane	43	6.178	6.178	0.000	91	44143	20.0	17.7	
* 65 Fluorobenzene	96	6.299	6.299	0.000	99	413799	50.0	50.0	
68 n-Butanol	56	6.624	6.619	0.005	93	24535	500.0	633.4	
67 Trichloroethene	95	6.734	6.734	0.000	99	62191	20.0	18.4	
69 Ethyl acrylate	55	6.860	6.865	-0.005	98	51764	20.0	17.3	
70 Methylcyclohexane	83	6.912	6.912	0.000	95	81982	20.0	18.9	
71 1,2-Dichloropropane	63	7.064	7.059	0.005	87	56285	20.0	20.8	
* 73 1,4-Dioxane-d8	96	7.122	7.127	-0.005	1	21409	1000.0	1000.0	a
75 Methyl methacrylate	100	7.159	7.159	0.000	87	22799	40.0	34.4	
74 1,4-Dioxane	88	7.190	7.190	0.000	77	12767	400.0	514.3	
72 Dibromomethane	93	7.216	7.211	0.005	74	35593	20.0	18.7	
76 n-Propyl acetate	43	7.222	7.227	-0.005	99	62792	20.0	19.1	
77 Dichlorobromomethane	83	7.395	7.395	0.000	98	70477	20.0	16.2	
78 2-Nitropropane	41	7.772	7.777	-0.005	98	17460	40.0	22.5	
80 Epichlorohydrin	57	7.914	7.914	0.000	98	21851	400.0	71.1	
81 cis-1,3-Dichloropropene	75	8.008	8.003	0.005	92	86314	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	43	8.202	8.197	0.005	97	217188	100.0	110.4	
$ 83 Toluene-d8 (Surr)	98	8.323	8.323	0.000	97	384326	50.0	54.2	
84 Toluene	91	8.417	8.417	0.000	93	241725	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	8.810	8.810	0.000	95	71427	20.0	18.4	
86 Ethyl methacrylate	69	8.868	8.868	0.000	87	59767	20.0	20.4	
87 1,1,2-Trichloroethane	83	9.067	9.067	0.000	92	40687	20.0	22.6	
88 Tetrachloroethene	166	9.172	9.172	0.000	94	175366	20.0	52.3	
89 1,3-Dichloropropane	76	9.329	9.324	0.005	93	87920	20.0	22.7	
90 2-Hexanone	43	9.413	9.408	0.005	98	147565	100.0	105.6	
93 n-Butyl acetate	43	9.565	9.565	0.000	97	58604	20.0	21.5	
91 Chlorodibromomethane	129	9.612	9.613	-0.001	95	48440	20.0	18.5	
92 Ethylene Dibromide	107	9.801	9.801	0.000	96	48169	20.0	20.6	
* 94 Chlorobenzene-d5	117	10.488	10.488	0.000	88	290898	50.0	50.0	
95 Chlorobenzene	112	10.535	10.530	0.005	92	152709	20.0	21.1	
97 Ethylbenzene	106	10.672	10.672	0.000	98	83351	20.0	20.8	
96 1,1,1,2-Tetrachloroethane	131	10.677	10.672	0.005	42	53080	20.0	19.0	
98 m-Xylene & p-Xylene	106	10.866	10.871	-0.005	92	97883	20.0	20.2	
101 n-Butyl acrylate	73	11.458	11.453	0.005	74	31872	20.0	19.3	
99 o-Xylene	106	11.479	11.474	0.005	92	97183	20.0	20.8	
100 Styrene	104	11.510	11.511	-0.001	93	131950	20.0	17.9	
102 Bromoform	173	11.767	11.767	0.000	60	27098	20.0	15.1	
103 Amyl acetate (mixed isomers)	43	11.773	11.773	0.000	91	64217	20.0	22.5	
104 Isopropylbenzene	105	11.961	11.961	0.000	96	238700	20.0	21.3	
$ 105 4-Bromofluorobenzene	174	12.197	12.197	0.000	85	109033	50.0	42.5	
106 Bromobenzene	156	12.360	12.365	-0.005	97	60158	20.0	20.4	
107 1,1,2,2-Tetrachloroethane	83	12.402	12.402	0.000	94	57605	20.0	24.8	
108 1,2,3-Trichloropropane	110	12.459	12.460	-0.001	57	19042	20.0	21.0	
110 N-Propylbenzene	91	12.465	12.465	0.000	98	311397	20.0	24.5	
111 2-Chlorotoluene	91	12.585	12.585	0.000	95	217464	20.0	23.3	
112 4-Ethyltoluene	105	12.601	12.601	0.000	95	242550	20.0	22.8	
114 1,3,5-Trimethylbenzene	105	12.680	12.680	0.000	90	191736	20.0	20.5	
113 4-Chlorotoluene	91	12.716	12.716	0.000	99	217078	20.0	24.4	
109 trans-1,4-Dichloro-2-butene	53	12.486	12.722	-0.236	50	13707	20.0	17.1	a
115 Butyl Methacrylate	87	12.795	12.795	0.000	89	54792	20.0	20.4	
116 tert-Butylbenzene	119	13.020	13.015	0.005	87	172795	20.0	21.7	
117 1,2,4-Trimethylbenzene	105	13.083	13.083	0.000	97	190165	20.0	20.0	
118 sec-Butylbenzene	105	13.246	13.246	0.000	98	245225	20.0	23.1	
119 1,3-Dichlorobenzene	146	13.387	13.382	0.005	86	106499	20.0	20.4	
122 4-Isopropyltoluene	119	13.398	13.398	0.000	93	204072	20.0	21.6	
* 120 1,4-Dichlorobenzene-d4	152	13.456	13.456	0.000	98	154589	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.482	13.482	0.000	93	107891	20.0	20.1	
123 1,2,3-Trimethylbenzene	105	13.508	13.508	0.000	99	202054	20.0	21.0	
124 Benzyl chloride	91	13.618	13.618	0.000	99	58993	20.0	11.7	
125 2,3-Dihydroindene	117	13.697	13.697	0.000	90	170731	20.0	21.4	
127 p-Diethylbenzene	119	13.765	13.765	0.000	91	114532	20.0	20.8	
128 n-Butylbenzene	92	13.786	13.786	0.000	97	102147	20.0	23.0	
126 1,2-Dichlorobenzene	146	13.838	13.838	0.000	94	98048	20.0	20.5	
130 1,2,4,5-Tetramethylbenzene	119	14.462	14.462	0.000	95	131535	20.0	16.0	
129 1,2-Dibromo-3-Chloropropane	157	14.541	14.541	0.000	91	9443	20.0	17.3	
131 1,3,5-Trichlorobenzene	180	14.677	14.677	0.000	96	59833	20.0	17.9	
132 1,2,4-Trichlorobenzene	180	15.191	15.191	0.000	94	47501	20.0	16.7	
133 Hexachlorobutadiene	225	15.285	15.286	-0.001	74	23373	20.0	15.2	
134 Naphthalene	128	15.390	15.390	0.000	99	121990	20.0	18.2	
135 1,2,3-Trichlorobenzene	180	15.590	15.590	0.000	94	40279	20.0	16.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	41.0	
S 140 Total BTEX	1				0		100.0	108.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00640	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
ACROLEIN W_00182	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00080	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-May-2025 07:28:25 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690567.D

Injection Date: 08-May-2025 04:09:58 Instrument ID: CVOAMS15

Lims ID: 460-325502-A-1 MSD

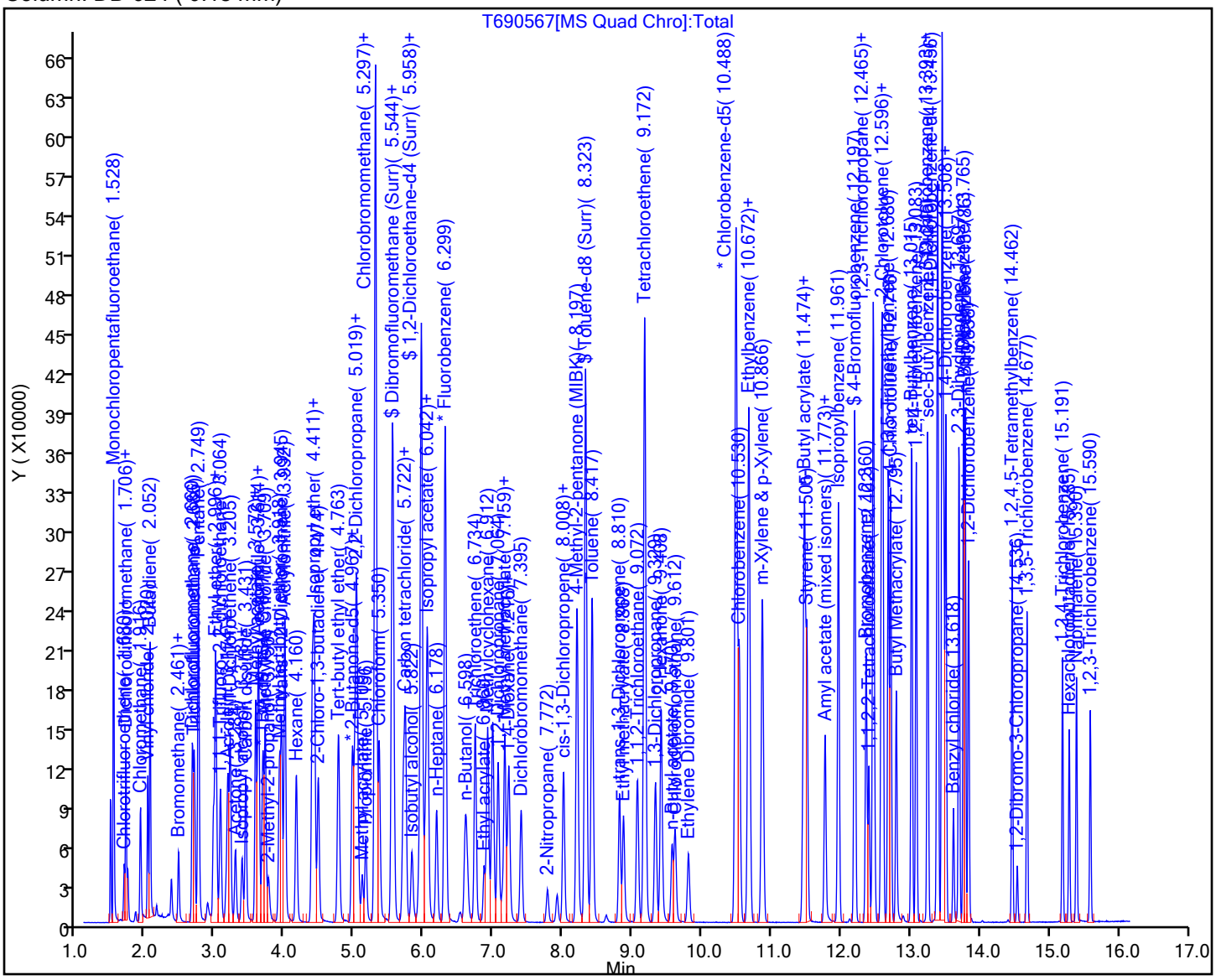
Client ID: MW-06_20250501

Operator ID: ALS Bottle#: 56 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690567.D
Lims ID: 460-325502-A-1 MSD
Client ID: MW-06_20250501
Sample Type: MSD
Inject. Date: 08-May-2025 04:09:58 ALS Bottle#: 56 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-325502-A-1 MSD
Misc. Info.: 460-0190476-028
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-May-2025 07:28:08 Calib Date: 19-Apr-2025 10:26:58
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20250419-189579.b\T689617.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: FK2C Date: 08-May-2025 07:15:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.9	83.73
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	40.4	80.90
$ 83 Toluene-d8 (Surr)	50.0	54.2	108.34
$ 105 4-Bromofluorobenzene	50.0	42.5	85.08

Manual Integration/User Assign Peak Report

Eurofins Edison

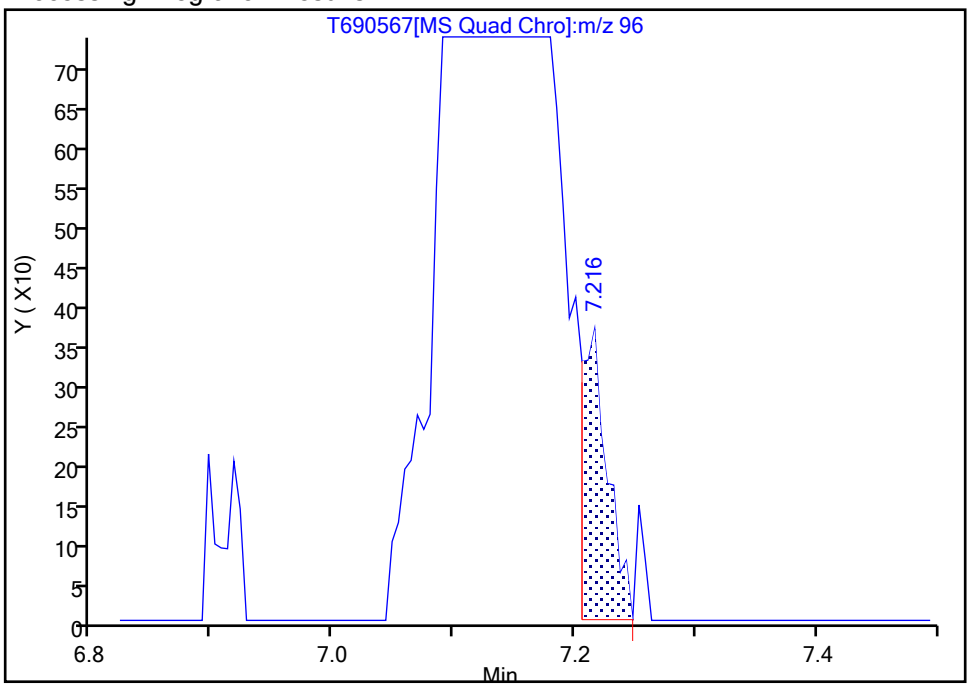
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20250507-190476.b\T690567.D				
Injection Date:	08-May-2025 04:09:58	Instrument ID:	CVOAMS15		
Lims ID:	460-325502-A-1 MSD				
Client ID:	MW-06_20250501				
Operator ID:		ALS Bottle#:	56	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

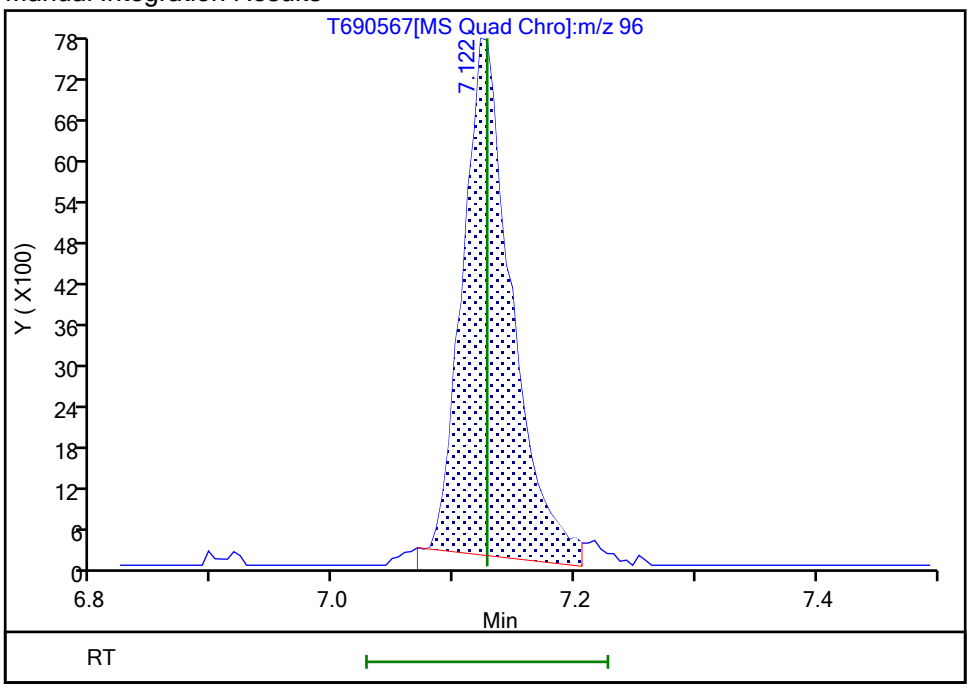
Processing Integration Results

RT: 7.22
Area: 544
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 7.12
Area: 21409
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 08-May-2025 07:14:44 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 04/19/2025 03:45

Analysis Batch Number: 1032501 End Date: 04/19/2025 13:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-1032501/1		04/19/2025 03:45	1	T689600.D	DB-624 0.18(mm)
STD9 460-1032501/3 IC		04/19/2025 04:43	1	T689602.D	DB-624 0.18(mm)
STD8 460-1032501/4 IC		04/19/2025 05:06	1	T689603.D	DB-624 0.18(mm)
STD05 460-1032501/5 IC		04/19/2025 05:29	1	T689604.D	DB-624 0.18(mm)
STD5 460-1032501/7 IC		04/19/2025 06:14	1	T689606.D	DB-624 0.18(mm)
STD20 460-1032501/8 ICIS		04/19/2025 06:37	1	T689607.D	DB-624 0.18(mm)
STD50 460-1032501/9 IC		04/19/2025 07:00	1	T689608.D	DB-624 0.18(mm)
STD200 460-1032501/10 IC		04/19/2025 07:23	1	T689609.D	DB-624 0.18(mm)
STD500 460-1032501/11 IC		04/19/2025 07:46	1	T689610.D	DB-624 0.18(mm)
STD1 460-1032501/18 IC		04/19/2025 10:26	1	T689617.D	DB-624 0.18(mm)
ICV 460-1032501/22		04/19/2025 13:06	1	T689621.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 05/07/2025 18:14

Analysis Batch Number: 1036114 End Date: 05/08/2025 04:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1036114/2		05/07/2025 18:14	1	T690541.D	DB-624 0.18(mm)
LCS 460-1036114/3		05/07/2025 18:37	1	T690542.D	DB-624 0.18(mm)
LCSD 460-1036114/4		05/07/2025 19:00	1	T690543.D	DB-624 0.18(mm)
MB 460-1036114/7		05/07/2025 20:09	1	T690546.D	DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 20:31	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 20:54	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 21:17	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 21:40	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 22:03	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/07/2025 22:26	1		DB-624 0.18(mm)
460-325502-5	FB-01_20250501	05/07/2025 22:49	1	T690553.D	DB-624 0.18(mm)
460-325502-6	TB-01_20250501	05/07/2025 23:12	1	T690554.D	DB-624 0.18(mm)
460-325502-1	MW-06_20250501	05/07/2025 23:35	1	T690555.D	DB-624 0.18(mm)
460-325502-2	MW-07_20250501	05/07/2025 23:58	1	T690556.D	DB-624 0.18(mm)
460-325502-3	MW-08_20250501	05/08/2025 00:20	1	T690557.D	DB-624 0.18(mm)
460-325502-4	Dup-01_20250501	05/08/2025 00:43	1	T690558.D	DB-624 0.18(mm)
ZZZZZ (Client)		05/08/2025 01:06	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/08/2025 01:29	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/08/2025 02:15	1		DB-624 0.18(mm)
ZZZZZ (Client)		05/08/2025 02:38	1		DB-624 0.18(mm)
460-325502-1 MS	MW-06_20250501 MS	05/08/2025 03:47	1	T690566.D	DB-624 0.18(mm)
460-325502-1 MSD	MW-06_20250501 MSD	05/08/2025 04:09	1	T690567.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Batch Number: 1032501 Batch Start Date: 04/19/25 03:45 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00183	524FREONS 00033	7 Freons Hi 00026	7 Freons SS 00026
BFB 460-1032501/1		8260D			5 mL	5 mL				
STD9 460-1032501/3 IC		8260D			5 mL	5 mL				
STD8 460-1032501/4 IC		8260D			5 mL	5 mL				
STD05 460-1032501/5 IC		8260D			5 mL	5 mL	15 uL	5 uL		
STD5 460-1032501/7 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-1032501/8 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-1032501/9 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-1032501/10 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-1032501/11 IC		8260D			5 mL	5 mL			50 uL	
STD1 460-1032501/18 IC		8260D			5 mL	5 mL	30 uL	10 uL		
ICV 460-1032501/22		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00191	8260MIX1COMB 00203	ACROLEIN SP 00176	ACROLEIN W 00182	ACRY/EPIH MIX 00136	BFB 00039
BFB 460-1032501/1		8260D								1 uL
STD9 460-1032501/3 IC		8260D				2 uL				
STD8 460-1032501/4 IC		8260D							20 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Batch Number: 1032501 Batch Start Date: 04/19/25 03:45 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00191	8260MIX1COMB 00203	ACROLEIN SP 00176	ACROLEIN W 00182	ACRY/EPIH MIX 00136	BFB 00039
STD05 460-1032501/5 IC		8260D				5 uL		2 uL		
STD5 460-1032501/7 IC		8260D				10 uL		4 uL		
STD20 460-1032501/8 ICIS		8260D				20 uL		4 uL		
STD50 460-1032501/9 IC		8260D				50 uL		10 uL		
STD200 460-1032501/10 IC		8260D						20 uL		
STD500 460-1032501/11 IC		8260D						40 uL		
STD1 460-1032501/18 IC		8260D				10 uL		4 uL		
ICV 460-1032501/22		8260D			20 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00100	GAS C SP 00619	GAS Hi 00493	GASES Li 00637	MIX 2 Hi 00160	MIX I Hi 00187
BFB 460-1032501/1		8260D								
STD9 460-1032501/3 IC		8260D						2 uL		
STD8 460-1032501/4 IC		8260D						2.5 uL		
STD05 460-1032501/5 IC		8260D						5 uL		
STD5 460-1032501/7 IC		8260D						10 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Batch Number: 1032501 Batch Start Date: 04/19/25 03:45 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00100	GAS C SP 00619	GAS Hi 00493	GASES Li 00637	MIX 2 Hi 00160	MIX I Hi 00187
STD20 460-1032501/8 ICIS		8260D						20 uL		
STD50 460-1032501/9 IC		8260D						50 uL		
STD200 460-1032501/10 IC		8260D			20 uL		20 uL		20 uL	20 uL
STD500 460-1032501/11 IC		8260D			50 uL		50 uL		50 uL	50 uL
STD1 460-1032501/18 IC		8260D						10 uL		
ICV 460-1032501/22		8260D				20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00080					
BFB 460-1032501/1		8260D								
STD9 460-1032501/3 IC		8260D			5 uL					
STD8 460-1032501/4 IC		8260D			5 uL					
STD05 460-1032501/5 IC		8260D			5 uL					
STD5 460-1032501/7 IC		8260D			5 uL					
STD20 460-1032501/8 ICIS		8260D			5 uL					
STD50 460-1032501/9 IC		8260D			5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Batch Number: 1032501 Batch Start Date: 04/19/25 03:45 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00080					
STD200 460-1032501/10 IC		8260D			5 uL					
STD500 460-1032501/11 IC		8260D			5 uL					
STD1 460-1032501/18 IC		8260D			5 uL					
ICV 460-1032501/22		8260D			5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Batch Number: 1036114 Batch Start Date: 05/07/25 18:14 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00033	8260MIX1COMB 00205	ACROLEIN W 00182
CCVIS 460-1036114/2		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-1036114/3		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-1036114/4		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-1036114/7		8260D			5 mL	5 mL				
460-325502-A-5	FB-01_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-325502-A-6	TB-01_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-325502-A-1	MW-06_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-325502-A-2	MW-07_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-325502-A-3	MW-08_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-325502-A-4	Dup-01_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-325502-A-1 MS	MW-06_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-325502-A-1 MSD	MW-06_20250501	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00640	VOA6IS/SURR 00080	AnalysisComment			
CCVIS 460-1036114/2		8260D			20 uL	5 uL				
LCS 460-1036114/3		8260D			20 uL	5 uL				
LCSD 460-1036114/4		8260D			20 uL	5 uL				
MB 460-1036114/7		8260D				5 uL				
460-325502-A-5	FB-01_20250501	8260D	Water	T		5 uL				
460-325502-A-6	TB-01_20250501	8260D	Water	T		5 uL				
460-325502-A-1	MW-06_20250501	8260D	Water	T		5 uL	field label was peeled off, can not verified ID			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-325502-1

SDG No.:

Batch Number: 1036114 Batch Start Date: 05/07/25 18:14 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00640	VOA6IS/SURR 00080	AnalysisComment			
460-325502-A-2	MW-07_20250501	8260D	Water	T		5 uL	field label was peeled off, can not verified ID			
460-325502-A-3	MW-08_20250501	8260D	Water	T		5 uL	field label was peeled off, can not verified ID			
460-325502-A-4	Dup-01_20250501	8260D	Water	T		5 uL				
460-325502-A-1 MS	MW-06_20250501	8260D	Water	T	20 uL	5 uL	field label was peeled off, can not verified ID			
460-325502-A-1 MSD	MW-06_20250501	8260D	Water	T	20 uL	5 uL	field label was peeled off, can not verified ID			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

NYC 222

eurofins

Client Information	Sampler: M- Scrivere Z	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194434-127188 1
Client Contact: Matthew Levy	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Haley & Aldrich, Inc.	PWSID:	Analysis Requested		Job #: 325502
Address: 213 West 35th Street	Due Date Requested:			Preservation Codes: A HCL
City: New York	TAT Requested (days): Standard			
State, Zip: ~~NJ 07054~~ NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0205125			
Email: MLevy@haleyaldrich.com	WO #:			
Project Name: 1885 Atlantic Avenue Brooklyn	Project #: 46041610			
Site: 1885 Atlantic Ave, Brooklyn NY	SSOW#:			

460-325502 Chain of Custody

Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/Part 375 VOCs	Total #	Special Instructions/Note:
				Preservation Code:		X	X	A	X	
MW-06_20250501	1	5/1/25	1415	G	Water		X	X	9	
MW-07_20250501	2		1555		Water			X	3	
MW-08_20250501	3		1640		Water			X	3	
DUP-01_20250501	4		1530		Water			X	3	
FB-01_20250501	5		1025		Water			X	2	
TB-01_20250501	6	↓	—	↓	Water		(X)	X	2	NO MS/MSD
					Water					
					Water					
					Water					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company		Date/Time:	Company
Relinquished by: H+A of NY	5/1/25	H+A of NY	Received by:	05/01/25 18.00	TA NYC
Relinquished by:	05/02/25 16.00	TA NYC	Received by:	5-2-25 15:30	EET
Relinquished by:	5-2-25 18:50	EET	Received by:	5/2/25	EET

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: NO/CS TR# 9113/17

Cooler Temperature(s) °C and Other Remarks:

Ver 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 325502

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.3 °C	1.7 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s). _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials. MA Date: 5-2-25

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-325502-1

Login Number: 325502
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich, Inc.
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 8/22/2025 11:06:58 AM

JOB DESCRIPTION

1885 Atlantic Avenue, Brooklyn

JOB NUMBER

460-332933-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

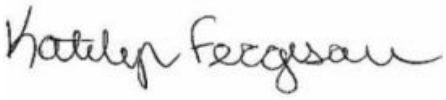
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



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8/22/2025 11:06:58 AM

Authorized for release by
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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 460-332933-1 Eurofins Edison

Job Narrative
460-332933-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/15/2025 7:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1056703 was outside the method criteria for Bromoform (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1056801 was outside the method criteria for the following analytes: Vinyl chloride, Chloromethane and Dichlorodifluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: MW-6_20250815 — Lab Sample ID: 460-332933-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.78	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	67		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.53		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-01_20250815 — Lab Sample ID: 460-332933-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.79	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	66		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.52		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-7_20250815 — Lab Sample ID: 460-332933-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.96	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	99		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.69		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-8_20250815 — Lab Sample ID: 460-332933-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	3.1		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: FB-01_20250815 — Lab Sample ID: 460-332933-5

No Detections.

Client Sample ID: TB-01_20250815 — Lab Sample ID: 460-332933-6

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: MW-6_20250815
Date Collected: 08/15/25 10:05
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/21/25 06:19	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/21/25 06:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/21/25 06:19	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/21/25 06:19	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/21/25 06:19	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/21/25 06:19	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/21/25 06:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/21/25 06:19	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 06:19	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/21/25 06:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/21/25 06:19	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/21/25 06:19	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/21/25 06:19	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/21/25 06:19	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/21/25 06:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/21/25 06:19	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/21/25 06:19	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/21/25 06:19	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/21/25 06:19	1
Acetone	5.0	U	5.0	4.4	ug/L			08/21/25 06:19	1
Benzene	0.45	U	0.45	0.070	ug/L			08/21/25 06:19	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/21/25 06:19	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/21/25 06:19	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/21/25 06:19	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/21/25 06:19	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/21/25 06:19	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/21/25 06:19	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/21/25 06:19	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/21/25 06:19	1
Chloroform	**0.78**	**J**	1.0	0.33	ug/L			08/21/25 06:19	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/21/25 06:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/21/25 06:19	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/21/25 06:19	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/21/25 06:19	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/21/25 06:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/21/25 06:19	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/21/25 06:19	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/21/25 06:19	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 06:19	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/21/25 06:19	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/21/25 06:19	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/21/25 06:19	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/21/25 06:19	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/21/25 06:19	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 06:19	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 06:19	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/21/25 06:19	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 06:19	1
Styrene	1.0	U	1.0	0.42	ug/L			08/21/25 06:19	1

Client Sample ID: MW-6_20250815

Lab Sample ID: 460-332933-1

Date Collected: 08/15/25 10:05

Matrix: Water

Date Received: 08/15/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 06:19	1
Tetrachloroethene	**67**		0.40	0.28	ug/L			08/21/25 06:19	1
Toluene	1.0	U	1.0	0.38	ug/L			08/21/25 06:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/21/25 06:19	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/21/25 06:19	1
Trichloroethene	**0.53**		0.28	0.074	ug/L			08/21/25 06:19	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/21/25 06:19	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/21/25 06:19	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/21/25 06:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*		*08/21/25 06:19*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*08/21/25 06:19*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*08/21/25 06:19*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/21/25 06:19*	*1*

Client Sample ID: DUP-01_20250815

Lab Sample ID: 460-332933-2

Date Collected: 08/15/25 10:10

Matrix: Water

Date Received: 08/15/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/21/25 06:40	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/21/25 06:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/21/25 06:40	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/21/25 06:40	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/21/25 06:40	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/21/25 06:40	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/21/25 06:40	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/21/25 06:40	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 06:40	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/21/25 06:40	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/21/25 06:40	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/21/25 06:40	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/21/25 06:40	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/21/25 06:40	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/21/25 06:40	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/21/25 06:40	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/21/25 06:40	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/21/25 06:40	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/21/25 06:40	1
Acetone	5.0	U	5.0	4.4	ug/L			08/21/25 06:40	1
Benzene	0.45	U	0.45	0.070	ug/L			08/21/25 06:40	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/21/25 06:40	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/21/25 06:40	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/21/25 06:40	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/21/25 06:40	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/21/25 06:40	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/21/25 06:40	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/21/25 06:40	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: DUP-01_20250815

Lab Sample ID: 460-332933-2

Date Collected: 08/15/25 10:10
Date Received: 08/15/25 19:10

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			08/21/25 06:40	1
Chloroform	**0.79**	**J**	1.0	0.33	ug/L			08/21/25 06:40	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/21/25 06:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/21/25 06:40	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/21/25 06:40	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/21/25 06:40	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/21/25 06:40	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/21/25 06:40	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/21/25 06:40	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/21/25 06:40	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 06:40	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/21/25 06:40	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/21/25 06:40	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/21/25 06:40	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/21/25 06:40	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/21/25 06:40	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 06:40	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 06:40	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/21/25 06:40	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 06:40	1
Styrene	1.0	U	1.0	0.42	ug/L			08/21/25 06:40	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 06:40	1
Tetrachloroethene	**66**		0.40	0.28	ug/L			08/21/25 06:40	1
Toluene	1.0	U	1.0	0.38	ug/L			08/21/25 06:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/21/25 06:40	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/21/25 06:40	1
Trichloroethene	**0.52**		0.28	0.074	ug/L			08/21/25 06:40	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/21/25 06:40	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/21/25 06:40	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/21/25 06:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*08/21/25 06:40*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*08/21/25 06:40*	*1*
Dibromofluoromethane (Surr)	*96*		*77 - 132*		*08/21/25 06:40*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/21/25 06:40*	*1*

Client Sample ID: MW-7_20250815

Lab Sample ID: 460-332933-3

Date Collected: 08/15/25 11:50
Date Received: 08/15/25 19:10

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/21/25 07:00	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/21/25 07:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/21/25 07:00	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/21/25 07:00	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/21/25 07:00	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/21/25 07:00	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/21/25 07:00	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: MW-7_20250815
Date Collected: 08/15/25 11:50
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/21/25 07:00	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 07:00	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/21/25 07:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/21/25 07:00	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/21/25 07:00	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/21/25 07:00	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/21/25 07:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/21/25 07:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/21/25 07:00	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/21/25 07:00	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/21/25 07:00	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/21/25 07:00	1
Acetone	5.0	U	5.0	4.4	ug/L			08/21/25 07:00	1
Benzene	0.45	U	0.45	0.070	ug/L			08/21/25 07:00	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/21/25 07:00	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/21/25 07:00	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/21/25 07:00	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/21/25 07:00	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/21/25 07:00	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/21/25 07:00	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/21/25 07:00	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/21/25 07:00	1
Chloroform	**0.96**	**J**	1.0	0.33	ug/L			08/21/25 07:00	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/21/25 07:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/21/25 07:00	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/21/25 07:00	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/21/25 07:00	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/21/25 07:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/21/25 07:00	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/21/25 07:00	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/21/25 07:00	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 07:00	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/21/25 07:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/21/25 07:00	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/21/25 07:00	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/21/25 07:00	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/21/25 07:00	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 07:00	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 07:00	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/21/25 07:00	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 07:00	1
Styrene	1.0	U	1.0	0.42	ug/L			08/21/25 07:00	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 07:00	1
Tetrachloroethene	**99**		0.40	0.28	ug/L			08/21/25 07:00	1
Toluene	1.0	U	1.0	0.38	ug/L			08/21/25 07:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/21/25 07:00	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/21/25 07:00	1
Trichloroethene	**0.69**		0.28	0.074	ug/L			08/21/25 07:00	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/21/25 07:00	1

Client Sample ID: MW-7_20250815
Lab Sample ID: 460-332933-3
Date Collected: 08/15/25 11:50
Matrix: Water
Date Received: 08/15/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/21/25 07:00	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/21/25 07:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*		*08/21/25 07:00*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*08/21/25 07:00*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*08/21/25 07:00*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/21/25 07:00*	*1*

Client Sample ID: MW-8_20250815
Lab Sample ID: 460-332933-4
Date Collected: 08/15/25 13:05
Matrix: Water
Date Received: 08/15/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/21/25 14:48	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/21/25 14:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/21/25 14:48	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/21/25 14:48	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/21/25 14:48	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/21/25 14:48	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/21/25 14:48	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/21/25 14:48	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 14:48	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/21/25 14:48	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/21/25 14:48	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/21/25 14:48	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/21/25 14:48	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/21/25 14:48	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/21/25 14:48	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/21/25 14:48	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/21/25 14:48	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/21/25 14:48	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/21/25 14:48	1
Acetone	5.0	U	5.0	4.4	ug/L			08/21/25 14:48	1
Benzene	0.45	U	0.45	0.070	ug/L			08/21/25 14:48	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/21/25 14:48	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/21/25 14:48	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/21/25 14:48	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/21/25 14:48	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/21/25 14:48	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/21/25 14:48	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/21/25 14:48	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/21/25 14:48	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/21/25 14:48	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/21/25 14:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/21/25 14:48	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/21/25 14:48	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/21/25 14:48	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/21/25 14:48	1

Client Sample ID: MW-8_20250815

Lab Sample ID: 460-332933-4

Date Collected: 08/15/25 13:05

Matrix: Water

Date Received: 08/15/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/21/25 14:48	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/21/25 14:48	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/21/25 14:48	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 14:48	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/21/25 14:48	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/21/25 14:48	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/21/25 14:48	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/21/25 14:48	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/21/25 14:48	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 14:48	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 14:48	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/21/25 14:48	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 14:48	1
Styrene	1.0	U	1.0	0.42	ug/L			08/21/25 14:48	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 14:48	1
Tetrachloroethene	**3.1**		0.40	0.28	ug/L			08/21/25 14:48	1
Toluene	1.0	U	1.0	0.38	ug/L			08/21/25 14:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/21/25 14:48	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/21/25 14:48	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			08/21/25 14:48	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/21/25 14:48	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/21/25 14:48	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/21/25 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*		*08/21/25 14:48*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*08/21/25 14:48*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*08/21/25 14:48*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/21/25 14:48*	*1*

Client Sample ID: FB-01_20250815

Lab Sample ID: 460-332933-5

Date Collected: 08/15/25 11:30

Matrix: Water

Date Received: 08/15/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/20/25 23:22	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/20/25 23:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/20/25 23:22	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/20/25 23:22	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/20/25 23:22	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/20/25 23:22	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/20/25 23:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/20/25 23:22	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/20/25 23:22	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/20/25 23:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/20/25 23:22	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/20/25 23:22	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/20/25 23:22	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/20/25 23:22	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: FB-01_20250815
Date Collected: 08/15/25 11:30
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/20/25 23:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/20/25 23:22	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/20/25 23:22	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/20/25 23:22	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/20/25 23:22	1
Acetone	5.0	U	5.0	4.4	ug/L			08/20/25 23:22	1
Benzene	0.45	U	0.45	0.070	ug/L			08/20/25 23:22	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/20/25 23:22	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/20/25 23:22	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/20/25 23:22	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/20/25 23:22	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/20/25 23:22	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/20/25 23:22	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/20/25 23:22	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/20/25 23:22	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/20/25 23:22	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/20/25 23:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/20/25 23:22	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/20/25 23:22	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/20/25 23:22	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/20/25 23:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/20/25 23:22	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/20/25 23:22	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/20/25 23:22	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/20/25 23:22	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/20/25 23:22	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/20/25 23:22	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/20/25 23:22	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/20/25 23:22	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/20/25 23:22	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/20/25 23:22	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/20/25 23:22	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/20/25 23:22	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/20/25 23:22	1
Styrene	1.0	U	1.0	0.42	ug/L			08/20/25 23:22	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/20/25 23:22	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			08/20/25 23:22	1
Toluene	1.0	U	1.0	0.38	ug/L			08/20/25 23:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/20/25 23:22	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/20/25 23:22	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			08/20/25 23:22	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/20/25 23:22	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/20/25 23:22	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/20/25 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*08/20/25 23:22*	*1*
4-Bromofluorobenzene	*101*		*76 - 120*		*08/20/25 23:22*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 132*		*08/20/25 23:22*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/20/25 23:22*	*1*

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: TB-01_20250815
Date Collected: 08/15/25 00:00
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/20/25 23:42	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/20/25 23:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/20/25 23:42	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/20/25 23:42	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/20/25 23:42	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/20/25 23:42	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/20/25 23:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/20/25 23:42	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/20/25 23:42	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/20/25 23:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/20/25 23:42	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/20/25 23:42	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/20/25 23:42	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/20/25 23:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/20/25 23:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/20/25 23:42	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/20/25 23:42	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/20/25 23:42	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/20/25 23:42	1
Acetone	5.0	U	5.0	4.4	ug/L			08/20/25 23:42	1
Benzene	0.45	U	0.45	0.070	ug/L			08/20/25 23:42	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/20/25 23:42	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/20/25 23:42	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/20/25 23:42	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/20/25 23:42	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/20/25 23:42	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/20/25 23:42	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/20/25 23:42	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/20/25 23:42	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/20/25 23:42	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/20/25 23:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/20/25 23:42	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/20/25 23:42	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/20/25 23:42	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/20/25 23:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/20/25 23:42	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/20/25 23:42	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/20/25 23:42	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/20/25 23:42	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/20/25 23:42	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/20/25 23:42	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/20/25 23:42	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/20/25 23:42	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/20/25 23:42	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/20/25 23:42	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/20/25 23:42	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/20/25 23:42	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/20/25 23:42	1
Styrene	1.0	U	1.0	0.42	ug/L			08/20/25 23:42	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: TB-01_20250815
Date Collected: 08/15/25 00:00
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/20/25 23:42	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			08/20/25 23:42	1
Toluene	1.0	U	1.0	0.38	ug/L			08/20/25 23:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/20/25 23:42	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/20/25 23:42	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			08/20/25 23:42	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/20/25 23:42	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/20/25 23:42	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/20/25 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*08/20/25 23:42*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*08/20/25 23:42*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*08/20/25 23:42*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/20/25 23:42*	*1*

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-332933-1	MW-6_20250815	84	97	99	104
460-332933-2	DUP-01_20250815	86	98	96	100
460-332933-3	MW-7_20250815	87	105	100	98
460-332933-3 MS	MW-7_20250815	84	104	97	103
460-332933-3 MSD	MW-7_20250815	84	105	98	106
460-332933-4	MW-8_20250815	87	105	99	97
460-332933-5	FB-01_20250815	86	101	97	101
460-332933-6	TB-01_20250815	86	100	98	102
460-332953-A-2 MS	Matrix Spike	87	111	99	104
460-332953-A-2 MSD	Matrix Spike Duplicate	87	107	98	103
LCS 460-1056703/5	Lab Control Sample	84	102	98	103
LCS 460-1056801/4	Lab Control Sample	85	103	99	104
LCSD 460-1056703/6	Lab Control Sample Dup	84	105	97	103
LCSD 460-1056801/5	Lab Control Sample Dup	84	106	98	104
MB 460-1056703/10	Method Blank	83	100	96	102
MB 460-1056801/10	Method Blank	86	98	98	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1056703/10
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/20/25 21:37	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/20/25 21:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/20/25 21:37	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/20/25 21:37	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/20/25 21:37	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/20/25 21:37	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/20/25 21:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/20/25 21:37	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/20/25 21:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/20/25 21:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/20/25 21:37	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/20/25 21:37	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/20/25 21:37	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/20/25 21:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/20/25 21:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/20/25 21:37	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/20/25 21:37	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/20/25 21:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/20/25 21:37	1
Acetone	5.0	U	5.0	4.4	ug/L			08/20/25 21:37	1
Benzene	0.45	U	0.45	0.070	ug/L			08/20/25 21:37	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/20/25 21:37	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/20/25 21:37	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/20/25 21:37	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/20/25 21:37	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/20/25 21:37	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/20/25 21:37	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/20/25 21:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/20/25 21:37	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/20/25 21:37	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/20/25 21:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/20/25 21:37	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/20/25 21:37	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/20/25 21:37	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/20/25 21:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/20/25 21:37	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/20/25 21:37	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/20/25 21:37	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/20/25 21:37	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/20/25 21:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/20/25 21:37	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/20/25 21:37	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/20/25 21:37	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/20/25 21:37	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/20/25 21:37	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/20/25 21:37	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/20/25 21:37	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/20/25 21:37	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1056703/10
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			08/20/25 21:37	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/20/25 21:37	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			08/20/25 21:37	1
Toluene	1.0	U	1.0	0.38	ug/L			08/20/25 21:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/20/25 21:37	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/20/25 21:37	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			08/20/25 21:37	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/20/25 21:37	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/20/25 21:37	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/20/25 21:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 128*		*08/20/25 21:37*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*08/20/25 21:37*	*1*
Dibromofluoromethane (Surr)	*96*		*77 - 132*		*08/20/25 21:37*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/20/25 21:37*	*1*

Lab Sample ID: LCS 460-1056703/5
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	16.9		ug/L		84	72 - 128
1,1,2,2-Tetrachloroethane	20.0	20.4		ug/L		102	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.3		ug/L		97	65 - 142
1,1,2-Trichloroethane	20.0	20.8		ug/L		104	74 - 125
1,1-Dichloroethane	20.0	21.0		ug/L		105	73 - 130
1,1-Dichloroethene	20.0	20.5		ug/L		102	68 - 133
1,2,3-Trichlorobenzene	20.0	24.2		ug/L		121	55 - 150
1,2,4-Trichlorobenzene	20.0	22.6		ug/L		113	67 - 132
1,2,4-Trimethylbenzene	20.0	19.5		ug/L		97	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.7		ug/L		89	58 - 132
1,2-Dichlorobenzene	20.0	20.9		ug/L		104	80 - 120
1,2-Dichloroethane	20.0	18.6		ug/L		93	66 - 129
1,2-Dichloropropane	20.0	19.9		ug/L		100	72 - 128
1,3,5-Trimethylbenzene	20.0	17.7		ug/L		89	75 - 125
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120
1,4-Dichlorobenzene	20.0	20.3		ug/L		101	80 - 120
2-Butanone (MEK)	100	92.5		ug/L		93	65 - 142
2-Hexanone	100	85.0		ug/L		85	72 - 134
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	77 - 130
Acetone	100	98.0		ug/L		98	60 - 133
Benzene	20.0	20.5		ug/L		102	71 - 126
Bromoform	20.0	16.0		ug/L		80	58 - 128
Bromomethane	20.0	14.9		ug/L		75	33 - 150
Carbon disulfide	20.0	20.1		ug/L		100	35 - 150
Carbon tetrachloride	20.0	16.1		ug/L		80	65 - 131
Chlorobenzene	20.0	20.7		ug/L		104	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1056703/5
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	18.2		ug/L		91	71 - 134
Chlorodibromomethane	20.0	16.8		ug/L		84	73 - 121
Chloroethane	20.0	17.3		ug/L		86	54 - 150
Chloroform	20.0	19.7		ug/L		98	78 - 125
Chloromethane	20.0	17.3		ug/L		87	43 - 149
cis-1,2-Dichloroethene	20.0	20.0		ug/L		100	78 - 121
cis-1,3-Dichloropropene	20.0	19.7		ug/L		99	74 - 125
Cyclohexane	20.0	19.0		ug/L		95	64 - 142
Dichlorobromomethane	20.0	16.8		ug/L		84	76 - 121
Dichlorodifluoromethane	20.0	16.3		ug/L		82	38 - 144
Ethylbenzene	20.0	19.1		ug/L		95	78 - 120
Ethylene Dibromide	20.0	20.2		ug/L		101	79 - 126
Isopropylbenzene	20.0	19.6		ug/L		98	79 - 125
Methyl acetate	40.0	41.8		ug/L		105	50 - 147
Methyl tert-butyl ether	20.0	19.8		ug/L		99	72 - 131
Methylcyclohexane	20.0	20.1		ug/L		101	63 - 138
Methylene Chloride	20.0	21.0		ug/L		105	74 - 127
m-Xylene & p-Xylene	20.0	19.8		ug/L		99	78 - 120
n-Butylbenzene	20.0	18.7		ug/L		93	69 - 135
N-Propylbenzene	20.0	19.6		ug/L		98	68 - 129
o-Xylene	20.0	19.0		ug/L		95	78 - 120
sec-Butylbenzene	20.0	19.8		ug/L		99	77 - 129
Styrene	20.0	19.7		ug/L		99	82 - 127
tert-Butylbenzene	20.0	18.8		ug/L		94	78 - 120
Tetrachloroethene	20.0	20.3		ug/L		101	70 - 127
Toluene	20.0	19.6		ug/L		98	78 - 120
trans-1,2-Dichloroethene	20.0	19.8		ug/L		99	70 - 126
trans-1,3-Dichloropropene	20.0	17.8		ug/L		89	71 - 127
Trichloroethene	20.0	20.0		ug/L		100	73 - 121
Trichlorofluoromethane	20.0	18.0		ug/L		90	62 - 134
Vinyl chloride	20.0	17.9		ug/L		90	55 - 144
Xylenes, Total	40.0	38.8		ug/L		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 460-1056703/6
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	18.5		ug/L		93	72 - 128	9	30
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/L		97	63 - 139	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.9		ug/L		105	65 - 142	8	30
1,1,2-Trichloroethane	20.0	21.2		ug/L		106	74 - 125	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1056703/6
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	20.0	21.6		ug/L		108	73 - 130	3	30
1,1-Dichloroethene	20.0	21.2		ug/L		106	68 - 133	3	30
1,2,3-Trichlorobenzene	20.0	23.5		ug/L		117	55 - 150	3	30
1,2,4-Trichlorobenzene	20.0	23.0		ug/L		115	67 - 132	2	30
1,2,4-Trimethylbenzene	20.0	19.6		ug/L		98	75 - 125	1	30
1,2-Dibromo-3-Chloropropane	20.0	19.2		ug/L		96	58 - 132	8	30
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	1	30
1,2-Dichloroethane	20.0	18.6		ug/L		93	66 - 129	0	30
1,2-Dichloropropane	20.0	20.8		ug/L		104	72 - 128	4	30
1,3,5-Trimethylbenzene	20.0	18.0		ug/L		90	75 - 125	2	30
1,3-Dichlorobenzene	20.0	20.9		ug/L		105	80 - 120	2	30
1,4-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	1	30
2-Butanone (MEK)	100	95.6		ug/L		96	65 - 142	3	30
2-Hexanone	100	86.3		ug/L		86	72 - 134	1	30
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	77 - 130	1	30
Acetone	100	102		ug/L		102	60 - 133	4	30
Benzene	20.0	21.0		ug/L		105	71 - 126	3	30
Bromoform	20.0	16.9		ug/L		84	58 - 128	6	30
Bromomethane	20.0	15.6		ug/L		78	33 - 150	5	30
Carbon disulfide	20.0	21.4		ug/L		107	35 - 150	7	30
Carbon tetrachloride	20.0	17.3		ug/L		87	65 - 131	8	30
Chlorobenzene	20.0	21.7		ug/L		109	80 - 120	5	30
Chlorobromomethane	20.0	19.3		ug/L		96	71 - 134	6	30
Chlorodibromomethane	20.0	17.3		ug/L		86	73 - 121	3	30
Chloroethane	20.0	17.5		ug/L		88	54 - 150	1	30
Chloroform	20.0	20.4		ug/L		102	78 - 125	3	30
Chloromethane	20.0	18.6		ug/L		93	43 - 149	7	30
cis-1,2-Dichloroethene	20.0	21.0		ug/L		105	78 - 121	5	30
cis-1,3-Dichloropropene	20.0	20.0		ug/L		100	74 - 125	1	30
Cyclohexane	20.0	20.9		ug/L		105	64 - 142	10	30
Dichlorobromomethane	20.0	17.5		ug/L		88	76 - 121	4	30
Dichlorodifluoromethane	20.0	17.4		ug/L		87	38 - 144	7	30
Ethylbenzene	20.0	20.5		ug/L		102	78 - 120	7	30
Ethylene Dibromide	20.0	20.6		ug/L		103	79 - 126	2	30
Isopropylbenzene	20.0	20.5		ug/L		102	79 - 125	4	30
Methyl acetate	40.0	43.4		ug/L		108	50 - 147	4	30
Methyl tert-butyl ether	20.0	20.5		ug/L		102	72 - 131	4	30
Methylcyclohexane	20.0	20.9		ug/L		105	63 - 138	4	30
Methylene Chloride	20.0	21.6		ug/L		108	74 - 127	3	30
m-Xylene & p-Xylene	20.0	20.7		ug/L		104	78 - 120	5	30
n-Butylbenzene	20.0	19.5		ug/L		97	69 - 135	4	30
N-Propylbenzene	20.0	19.8		ug/L		99	68 - 129	1	30
o-Xylene	20.0	19.9		ug/L		100	78 - 120	5	30
sec-Butylbenzene	20.0	20.2		ug/L		101	77 - 129	2	30
Styrene	20.0	20.4		ug/L		102	82 - 127	3	30
tert-Butylbenzene	20.0	19.5		ug/L		98	78 - 120	4	30
Tetrachloroethene	20.0	21.2		ug/L		106	70 - 127	5	30
Toluene	20.0	20.5		ug/L		102	78 - 120	4	30
trans-1,2-Dichloroethene	20.0	20.9		ug/L		104	70 - 126	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1056703/6
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			20.0	18.1		ug/L		90	71 - 127	1	30
Trichloroethene			20.0	20.9		ug/L		105	73 - 121	5	30
Trichlorofluoromethane			20.0	19.5		ug/L		98	62 - 134	8	30
Vinyl chloride			20.0	18.7		ug/L		93	55 - 144	4	30
Xylenes, Total			40.0	40.6		ug/L		102	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*97*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 460-332933-3 MS
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: MW-7_20250815
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	17.1		ug/L		85	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	17.6		ug/L		88	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	18.2		ug/L		91	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	21.7		ug/L		109	74 - 125
1,1-Dichloroethane	1.0	U	20.0	19.8		ug/L		99	73 - 130
1,1-Dichloroethene	1.0	U	20.0	19.9		ug/L		100	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	19.5		ug/L		97	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	19.2		ug/L		96	67 - 132
1,2,4-Trimethylbenzene	1.0	U	20.0	18.4		ug/L		92	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	17.8		ug/L		89	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	18.7		ug/L		93	80 - 120
1,2-Dichloroethane	0.30	U	20.0	17.1		ug/L		85	66 - 129
1,2-Dichloropropane	0.92	U	20.0	19.3		ug/L		96	72 - 128
1,3,5-Trimethylbenzene	1.0	U	20.0	16.7		ug/L		83	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	18.8		ug/L		94	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	18.7		ug/L		93	80 - 120
2-Butanone (MEK)	5.0	U	100	87.9		ug/L		88	65 - 142
2-Hexanone	5.0	U	100	79.7		ug/L		80	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	102		ug/L		102	77 - 130
Acetone	5.0	U	100	88.0		ug/L		88	60 - 133
Benzene	0.45	U	20.0	19.4		ug/L		97	71 - 126
Bromoform	1.0	U	20.0	14.7		ug/L		73	58 - 128
Bromomethane	1.0	U	20.0	12.8		ug/L		64	33 - 150
Carbon disulfide	1.0	U	20.0	18.4		ug/L		92	35 - 150
Carbon tetrachloride	1.0	U	20.0	15.6		ug/L		78	65 - 131
Chlorobenzene	1.0	U	20.0	20.5		ug/L		102	80 - 120
Chlorobromomethane	1.0	U	20.0	17.7		ug/L		89	71 - 134
Chlorodibromomethane	0.78	U	20.0	15.7		ug/L		79	73 - 121
Chloroethane	1.0	U	20.0	15.5		ug/L		78	54 - 150
Chloroform	0.96	J	20.0	19.7		ug/L		94	78 - 125
Chloromethane	1.0	U	20.0	15.2		ug/L		76	43 - 149

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-332933-3 MS
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: MW-7_20250815
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	1.0	U	20.0	19.2		ug/L		96	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	18.0		ug/L		90	74 - 125
Cyclohexane	1.0	U	20.0	17.9		ug/L		89	64 - 142
Dichlorobromomethane	0.98	U	20.0	16.1		ug/L		81	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	13.4		ug/L		67	38 - 144
Ethylbenzene	1.0	U	20.0	19.3		ug/L		97	78 - 120
Ethylene Dibromide	1.0	U	20.0	17.7		ug/L		88	79 - 126
Isopropylbenzene	1.0	U	20.0	19.0		ug/L		95	79 - 125
Methyl acetate	5.0	U	40.0	38.7		ug/L		97	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	18.6		ug/L		93	72 - 131
Methylcyclohexane	1.0	U	20.0	18.1		ug/L		90	63 - 138
Methylene Chloride	1.0	U	20.0	19.7		ug/L		98	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	19.3		ug/L		96	78 - 120
n-Butylbenzene	1.0	U	20.0	17.7		ug/L		88	69 - 135
N-Propylbenzene	1.0	U	20.0	18.4		ug/L		92	68 - 129
o-Xylene	1.0	U	20.0	18.8		ug/L		94	78 - 120
sec-Butylbenzene	1.0	U	20.0	19.1		ug/L		96	77 - 129
Styrene	1.0	U	20.0	17.9		ug/L		90	82 - 127
tert-Butylbenzene	1.0	U	20.0	18.0		ug/L		90	78 - 120
Tetrachloroethene	99		20.0	101	*	ug/L		12	70 - 127
Toluene	1.0	U	20.0	19.3		ug/L		97	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	19.1		ug/L		95	70 - 126
trans-1,3-Dichloropropene	0.45	U	20.0	16.6		ug/L		83	71 - 127
Trichloroethene	0.69		20.0	19.6		ug/L		94	73 - 121
Trichlorofluoromethane	1.0	U	20.0	16.5		ug/L		82	62 - 134
Vinyl chloride	1.0	U	20.0	15.6		ug/L		78	55 - 144
Xylenes, Total	2.0	U	40.0	38.1		ug/L		95	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*104*		*76 - 120*
Dibromofluoromethane (Surr)	*97*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 460-332933-3 MSD
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: MW-7_20250815
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	21.2		ug/L		106	72 - 128	21	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	23.7		ug/L		118	63 - 139	30	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	22.2		ug/L		111	65 - 142	20	30
1,1,2-Trichloroethane	0.58	U	20.0	25.4	*	ug/L		127	74 - 125	15	30
1,1-Dichloroethane	1.0	U	20.0	25.2		ug/L		126	73 - 130	24	30
1,1-Dichloroethene	1.0	U	20.0	24.3		ug/L		121	68 - 133	20	30
1,2,3-Trichlorobenzene	1.0	U	20.0	28.2	*	ug/L		141	55 - 150	37	30
1,2,4-Trichlorobenzene	1.0	U	20.0	27.1	*	ug/L		135	67 - 132	34	30
1,2,4-Trimethylbenzene	1.0	U	20.0	24.1		ug/L		121	75 - 125	27	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-332933-3 MSD
Matrix: Water
Analysis Batch: 1056703

Client Sample ID: MW-7_20250815
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	21.6		ug/L		108	58 - 132	20	30
1,2-Dichlorobenzene	1.0	U	20.0	24.7	*	ug/L		123	80 - 120	28	30
1,2-Dichloroethane	0.30	U	20.0	21.5		ug/L		108	66 - 129	23	30
1,2-Dichloropropane	0.92	U	20.0	23.9		ug/L		120	72 - 128	21	30
1,3,5-Trimethylbenzene	1.0	U	20.0	22.1		ug/L		111	75 - 125	28	30
1,3-Dichlorobenzene	1.0	U	20.0	25.3	*	ug/L		126	80 - 120	29	30
1,4-Dichlorobenzene	1.0	U	20.0	24.9	*	ug/L		124	80 - 120	29	30
2-Butanone (MEK)	5.0	U	100	106		ug/L		106	65 - 142	19	30
2-Hexanone	5.0	U	100	104		ug/L		104	72 - 134	26	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	123		ug/L		123	77 - 130	19	30
Acetone	5.0	U	100	102		ug/L		102	60 - 133	14	30
Benzene	0.45	U	20.0	24.5		ug/L		122	71 - 126	23	30
Bromoform	1.0	U	20.0	18.4		ug/L		92	58 - 128	23	30
Bromomethane	1.0	U	20.0	15.6		ug/L		78	33 - 150	20	30
Carbon disulfide	1.0	U	20.0	22.4		ug/L		112	35 - 150	20	30
Carbon tetrachloride	1.0	U	20.0	19.7		ug/L		99	65 - 131	24	30
Chlorobenzene	1.0	U	20.0	25.5	*	ug/L		127	80 - 120	22	30
Chlorobromomethane	1.0	U	20.0	22.4		ug/L		112	71 - 134	23	30
Chlorodibromomethane	0.78	U	20.0	19.6		ug/L		98	73 - 121	22	30
Chloroethane	1.0	U	20.0	18.4		ug/L		92	54 - 150	17	30
Chloroform	0.96	J	20.0	23.9		ug/L		115	78 - 125	19	30
Chloromethane	1.0	U	20.0	18.8		ug/L		94	43 - 149	21	30
cis-1,2-Dichloroethene	1.0	U	20.0	23.8		ug/L		119	78 - 121	21	30
cis-1,3-Dichloropropene	0.45	U	20.0	22.8		ug/L		114	74 - 125	23	30
Cyclohexane	1.0	U	20.0	22.1		ug/L		110	64 - 142	21	30
Dichlorobromomethane	0.98	U	20.0	19.9		ug/L		100	76 - 121	21	30
Dichlorodifluoromethane	1.0	U	20.0	16.4		ug/L		82	38 - 144	20	30
Ethylbenzene	1.0	U	20.0	23.5		ug/L		117	78 - 120	19	30
Ethylene Dibromide	1.0	U	20.0	22.6		ug/L		113	79 - 126	24	30
Isopropylbenzene	1.0	U	20.0	24.1		ug/L		121	79 - 125	24	30
Methyl acetate	5.0	U	40.0	49.9		ug/L		125	50 - 147	25	30
Methyl tert-butyl ether	1.0	U	20.0	22.7		ug/L		114	72 - 131	20	30
Methylcyclohexane	1.0	U	20.0	22.5		ug/L		113	63 - 138	22	30
Methylene Chloride	1.0	U	20.0	24.7		ug/L		124	74 - 127	23	30
m-Xylene & p-Xylene	1.0	U	20.0	24.3	*	ug/L		122	78 - 120	23	30
n-Butylbenzene	1.0	U	20.0	23.6		ug/L		118	69 - 135	29	30
N-Propylbenzene	1.0	U	20.0	24.2		ug/L		121	68 - 129	27	30
o-Xylene	1.0	U	20.0	23.3		ug/L		117	78 - 120	22	30
sec-Butylbenzene	1.0	U	20.0	24.8		ug/L		124	77 - 129	26	30
Styrene	1.0	U	20.0	23.3		ug/L		116	82 - 127	26	30
tert-Butylbenzene	1.0	U	20.0	23.8		ug/L		119	78 - 120	28	30
Tetrachloroethene	99		20.0	110	*	ug/L		54	70 - 127	8	30
Toluene	1.0	U	20.0	24.4	*	ug/L		122	78 - 120	23	30
trans-1,2-Dichloroethene	1.0	U	20.0	24.0		ug/L		120	70 - 126	23	30
trans-1,3-Dichloropropene	0.45	U	20.0	21.1		ug/L		106	71 - 127	24	30
Trichloroethene	0.69		20.0	24.4		ug/L		118	73 - 121	22	30
Trichlorofluoromethane	1.0	U	20.0	19.9		ug/L		100	62 - 134	19	30
Vinyl chloride	1.0	U	20.0	19.0		ug/L		95	55 - 144	19	30
Xylenes, Total	2.0	U	40.0	47.7		ug/L		119	80 - 120	22	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 128
4-Bromofluorobenzene	105		76 - 120
Dibromofluoromethane (Surr)	98		77 - 132
Toluene-d8 (Surr)	106		80 - 120

Lab Sample ID: MB 460-1056801/10
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/21/25 10:18	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			08/21/25 10:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			08/21/25 10:18	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			08/21/25 10:18	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/21/25 10:18	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/21/25 10:18	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			08/21/25 10:18	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			08/21/25 10:18	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 10:18	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			08/21/25 10:18	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/21/25 10:18	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			08/21/25 10:18	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			08/21/25 10:18	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			08/21/25 10:18	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			08/21/25 10:18	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			08/21/25 10:18	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			08/21/25 10:18	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/21/25 10:18	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			08/21/25 10:18	1
Acetone	5.0	U	5.0	4.4	ug/L			08/21/25 10:18	1
Benzene	0.45	U	0.45	0.070	ug/L			08/21/25 10:18	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/21/25 10:18	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/21/25 10:18	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/21/25 10:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/21/25 10:18	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/21/25 10:18	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			08/21/25 10:18	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			08/21/25 10:18	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/21/25 10:18	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/21/25 10:18	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/21/25 10:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			08/21/25 10:18	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			08/21/25 10:18	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			08/21/25 10:18	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			08/21/25 10:18	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/21/25 10:18	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/21/25 10:18	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			08/21/25 10:18	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 10:18	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			08/21/25 10:18	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			08/21/25 10:18	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1056801/10
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			08/21/25 10:18	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			08/21/25 10:18	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			08/21/25 10:18	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 10:18	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			08/21/25 10:18	1
o-Xylene	1.0	U	1.0	0.36	ug/L			08/21/25 10:18	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			08/21/25 10:18	1
Styrene	1.0	U	1.0	0.42	ug/L			08/21/25 10:18	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			08/21/25 10:18	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			08/21/25 10:18	1
Toluene	1.0	U	1.0	0.38	ug/L			08/21/25 10:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/21/25 10:18	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			08/21/25 10:18	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			08/21/25 10:18	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			08/21/25 10:18	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			08/21/25 10:18	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/21/25 10:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*08/21/25 10:18*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*08/21/25 10:18*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*08/21/25 10:18*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/21/25 10:18*	*1*

Lab Sample ID: LCS 460-1056801/4
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	17.9		ug/L		90	72 - 128
1,1,2,2-Tetrachloroethane	20.0	18.4		ug/L		92	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.2		ug/L		106	65 - 142
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	74 - 125
1,1-Dichloroethane	20.0	20.7		ug/L		104	73 - 130
1,1-Dichloroethene	20.0	19.0		ug/L		95	68 - 133
1,2,3-Trichlorobenzene	20.0	23.4		ug/L		117	55 - 150
1,2,4-Trichlorobenzene	20.0	23.4		ug/L		117	67 - 132
1,2,4-Trimethylbenzene	20.0	19.4		ug/L		97	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	20.0		ug/L		100	58 - 132
1,2-Dichlorobenzene	20.0	21.1		ug/L		105	80 - 120
1,2-Dichloroethane	20.0	17.6		ug/L		88	66 - 129
1,2-Dichloropropane	20.0	19.8		ug/L		99	72 - 128
1,3,5-Trimethylbenzene	20.0	18.0		ug/L		90	75 - 125
1,3-Dichlorobenzene	20.0	21.1		ug/L		106	80 - 120
1,4-Dichlorobenzene	20.0	20.3		ug/L		102	80 - 120
2-Butanone (MEK)	100	89.0		ug/L		89	65 - 142
2-Hexanone	100	84.9		ug/L		85	72 - 134
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	77 - 130

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1056801/4
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	95.0		ug/L		95	60 - 133
Benzene	20.0	19.7		ug/L		98	71 - 126
Bromoform	20.0	16.1		ug/L		81	58 - 128
Bromomethane	20.0	12.9		ug/L		64	33 - 150
Carbon disulfide	20.0	14.7		ug/L		73	35 - 150
Carbon tetrachloride	20.0	17.1		ug/L		85	65 - 131
Chlorobenzene	20.0	20.6		ug/L		103	80 - 120
Chlorobromomethane	20.0	17.2		ug/L		86	71 - 134
Chlorodibromomethane	20.0	16.1		ug/L		81	73 - 121
Chloroethane	20.0	15.6		ug/L		78	54 - 150
Chloroform	20.0	19.4		ug/L		97	78 - 125
Chloromethane	20.0	14.4		ug/L		72	43 - 149
cis-1,2-Dichloroethene	20.0	18.9		ug/L		95	78 - 121
cis-1,3-Dichloropropene	20.0	19.5		ug/L		97	74 - 125
Cyclohexane	20.0	18.8		ug/L		94	64 - 142
Dichlorobromomethane	20.0	17.1		ug/L		86	76 - 121
Dichlorodifluoromethane	20.0	13.5		ug/L		67	38 - 144
Ethylbenzene	20.0	19.4		ug/L		97	78 - 120
Ethylene Dibromide	20.0	18.2		ug/L		91	79 - 126
Isopropylbenzene	20.0	20.4		ug/L		102	79 - 125
Methyl acetate	40.0	42.1		ug/L		105	50 - 147
Methyl tert-butyl ether	20.0	18.4		ug/L		92	72 - 131
Methylcyclohexane	20.0	19.6		ug/L		98	63 - 138
Methylene Chloride	20.0	19.2		ug/L		96	74 - 127
m-Xylene & p-Xylene	20.0	19.7		ug/L		98	78 - 120
n-Butylbenzene	20.0	19.7		ug/L		98	69 - 135
N-Propylbenzene	20.0	19.8		ug/L		99	68 - 129
o-Xylene	20.0	19.1		ug/L		95	78 - 120
sec-Butylbenzene	20.0	20.8		ug/L		104	77 - 129
Styrene	20.0	19.2		ug/L		96	82 - 127
tert-Butylbenzene	20.0	19.6		ug/L		98	78 - 120
Tetrachloroethene	20.0	21.1		ug/L		105	70 - 127
Toluene	20.0	19.5		ug/L		97	78 - 120
trans-1,2-Dichloroethene	20.0	18.5		ug/L		93	70 - 126
trans-1,3-Dichloropropene	20.0	17.9		ug/L		89	71 - 127
Trichloroethene	20.0	19.2		ug/L		96	73 - 121
Trichlorofluoromethane	20.0	19.5		ug/L		98	62 - 134
Vinyl chloride	20.0	15.5		ug/L		78	55 - 144
Xylenes, Total	40.0	38.8		ug/L		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 128*
4-Bromofluorobenzene	*103*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 132*
Toluene-d8 (Surr)	*104*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1056801/5
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	18.9		ug/L		94	72 - 128	5	30
1,1,2,2-Tetrachloroethane			20.0	19.5		ug/L		97	63 - 139	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.4		ug/L		112	65 - 142	6	30
1,1,2-Trichloroethane			20.0	22.6		ug/L		113	74 - 125	11	30
1,1-Dichloroethane			20.0	21.9		ug/L		109	73 - 130	5	30
1,1-Dichloroethene			20.0	20.5		ug/L		102	68 - 133	7	30
1,2,3-Trichlorobenzene			20.0	25.5		ug/L		128	55 - 150	9	30
1,2,4-Trichlorobenzene			20.0	24.6		ug/L		123	67 - 132	5	30
1,2,4-Trimethylbenzene			20.0	20.4		ug/L		102	75 - 125	5	30
1,2-Dibromo-3-Chloropropane			20.0	19.1		ug/L		96	58 - 132	4	30
1,2-Dichlorobenzene			20.0	21.5		ug/L		107	80 - 120	2	30
1,2-Dichloroethane			20.0	18.5		ug/L		92	66 - 129	5	30
1,2-Dichloropropane			20.0	21.5		ug/L		107	72 - 128	8	30
1,3,5-Trimethylbenzene			20.0	19.6		ug/L		98	75 - 125	8	30
1,3-Dichlorobenzene			20.0	22.1		ug/L		111	80 - 120	4	30
1,4-Dichlorobenzene			20.0	22.1		ug/L		111	80 - 120	8	30
2-Butanone (MEK)			100	93.9		ug/L		94	65 - 142	5	30
2-Hexanone			100	91.9		ug/L		92	72 - 134	8	30
4-Methyl-2-pentanone (MIBK)			100	113		ug/L		113	77 - 130	7	30
Acetone			100	99.8		ug/L		100	60 - 133	5	30
Benzene			20.0	21.0		ug/L		105	71 - 126	7	30
Bromoform			20.0	17.9		ug/L		90	58 - 128	10	30
Bromomethane			20.0	13.0		ug/L		65	33 - 150	1	30
Carbon disulfide			20.0	15.5		ug/L		77	35 - 150	5	30
Carbon tetrachloride			20.0	18.2		ug/L		91	65 - 131	7	30
Chlorobenzene			20.0	21.9		ug/L		110	80 - 120	6	30
Chlorobromomethane			20.0	18.3		ug/L		91	71 - 134	6	30
Chlorodibromomethane			20.0	17.6		ug/L		88	73 - 121	9	30
Chloroethane			20.0	15.8		ug/L		79	54 - 150	1	30
Chloroform			20.0	21.0		ug/L		105	78 - 125	8	30
Chloromethane			20.0	14.6		ug/L		73	43 - 149	2	30
cis-1,2-Dichloroethene			20.0	20.5		ug/L		103	78 - 121	8	30
cis-1,3-Dichloropropene			20.0	20.5		ug/L		103	74 - 125	5	30
Cyclohexane			20.0	19.9		ug/L		100	64 - 142	6	30
Dichlorobromomethane			20.0	18.0		ug/L		90	76 - 121	5	30
Dichlorodifluoromethane			20.0	14.1		ug/L		71	38 - 144	5	30
Ethylbenzene			20.0	20.3		ug/L		102	78 - 120	4	30
Ethylene Dibromide			20.0	19.7		ug/L		98	79 - 126	8	30
Isopropylbenzene			20.0	22.2		ug/L		111	79 - 125	8	30
Methyl acetate			40.0	43.5		ug/L		109	50 - 147	3	30
Methyl tert-butyl ether			20.0	19.9		ug/L		99	72 - 131	8	30
Methylcyclohexane			20.0	21.4		ug/L		107	63 - 138	9	30
Methylene Chloride			20.0	20.7		ug/L		104	74 - 127	8	30
m-Xylene & p-Xylene			20.0	21.6		ug/L		108	78 - 120	9	30
n-Butylbenzene			20.0	21.3		ug/L		107	69 - 135	8	30
N-Propylbenzene			20.0	21.2		ug/L		106	68 - 129	7	30
o-Xylene			20.0	20.7		ug/L		103	78 - 120	8	30
sec-Butylbenzene			20.0	22.5		ug/L		113	77 - 129	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1056801/5
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			20.0	20.9		ug/L		104	82 - 127	8	30
tert-Butylbenzene			20.0	21.1		ug/L		105	78 - 120	7	30
Tetrachloroethene			20.0	22.3		ug/L		111	70 - 127	6	30
Toluene			20.0	20.7		ug/L		104	78 - 120	6	30
trans-1,2-Dichloroethene			20.0	19.8		ug/L		99	70 - 126	7	30
trans-1,3-Dichloropropene			20.0	18.6		ug/L		93	71 - 127	4	30
Trichloroethene			20.0	20.8		ug/L		104	73 - 121	8	30
Trichlorofluoromethane			20.0	20.5		ug/L		103	62 - 134	5	30
Vinyl chloride			20.0	16.1		ug/L		81	55 - 144	4	30
Xylenes, Total			40.0	42.3		ug/L		106	80 - 120	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 460-332953-A-2 MS
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.1		20.0	19.0		ug/L		90	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	19.1		ug/L		96	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	21.7		ug/L		109	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	19.6		ug/L		98	74 - 125
1,1-Dichloroethane	5.6		20.0	26.0		ug/L		102	73 - 130
1,1-Dichloroethene	1.0	U	20.0	18.7		ug/L		94	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	21.0		ug/L		105	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	21.2		ug/L		106	67 - 132
1,2-Dichlorobenzene	1.0	U	20.0	20.4		ug/L		102	80 - 120
1,2-Dichloroethane	0.30	U	20.0	18.0		ug/L		90	66 - 129
1,2-Dichloropropane	0.92	U	20.0	19.8		ug/L		99	72 - 128
1,3-Dichlorobenzene	1.0	U	20.0	20.1		ug/L		100	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	20.0		ug/L		100	80 - 120
2-Butanone (MEK)	5.0	U	100	90.3		ug/L		90	65 - 142
2-Hexanone	5.0	U	100	84.4		ug/L		84	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	104		ug/L		104	77 - 130
Acetone	5.0	U	100	97.5		ug/L		97	60 - 133
Benzene	0.45	U	20.0	19.8		ug/L		99	71 - 126
Bromoform	1.0	U	20.0	16.7		ug/L		84	58 - 128
Bromomethane	1.0	U	20.0	12.6		ug/L		63	33 - 150
Carbon disulfide	1.0	U	20.0	13.3		ug/L		67	35 - 150
Carbon tetrachloride	1.0	U	20.0	17.1		ug/L		85	65 - 131
Chlorobenzene	1.0	U	20.0	21.7		ug/L		108	80 - 120
Chlorobromomethane	1.0	U	20.0	18.4		ug/L		92	71 - 134
Chlorodibromomethane	0.78	U	20.0	16.6		ug/L		83	73 - 121
Chloroethane	1.2		20.0	15.5		ug/L		71	54 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-332953-A-2 MS
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	1.0	U	20.0	19.9		ug/L		100	78 - 125
Chloromethane	1.0	U	20.0	13.4		ug/L		67	43 - 149
cis-1,2-Dichloroethene	1.6		20.0	20.2		ug/L		93	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	18.8		ug/L		94	74 - 125
Cyclohexane	1.0	U	20.0	18.3		ug/L		91	64 - 142
Dichlorobromomethane	0.98	U	20.0	17.3		ug/L		87	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	11.9		ug/L		60	38 - 144
Ethylbenzene	1.0	U	20.0	19.8		ug/L		99	78 - 120
Isopropylbenzene	1.0	U	20.0	20.6		ug/L		103	79 - 125
Methyl acetate	5.0	U	40.0	38.1		ug/L		95	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	19.3		ug/L		97	72 - 131
Methylcyclohexane	1.0	U	20.0	18.8		ug/L		94	63 - 138
Methylene Chloride	1.0	U	20.0	20.2		ug/L		101	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	19.2		ug/L		96	78 - 120
o-Xylene	1.0	U	20.0	18.8		ug/L		94	78 - 120
Styrene	1.0	U	20.0	19.3		ug/L		96	82 - 127
Tetrachloroethene	0.40	U	20.0	21.6		ug/L		108	70 - 127
Toluene	1.0	U	20.0	19.5		ug/L		98	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	18.6		ug/L		93	70 - 126
trans-1,3-Dichloropropene	0.45	U	20.0	17.3		ug/L		86	71 - 127
Trichloroethene	0.50		20.0	19.7		ug/L		96	73 - 121
Trichlorofluoromethane	1.0	U	20.0	19.8		ug/L		99	62 - 134
Xylenes, Total	2.0	U	40.0	37.9		ug/L		95	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*
4-Bromofluorobenzene	*111*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 132*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 460-332953-A-2 MSD
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.1		20.0	20.3		ug/L		96	72 - 128	6	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	20.4		ug/L		102	63 - 139	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	22.1		ug/L		111	65 - 142	2	30
1,1,2-Trichloroethane	0.58	U	20.0	20.7		ug/L		103	74 - 125	5	30
1,1-Dichloroethane	5.6		20.0	27.6		ug/L		110	73 - 130	6	30
1,1-Dichloroethene	1.0	U	20.0	19.6		ug/L		98	68 - 133	4	30
1,2,3-Trichlorobenzene	1.0	U	20.0	25.3		ug/L		126	55 - 150	18	30
1,2,4-Trichlorobenzene	1.0	U	20.0	24.4		ug/L		122	67 - 132	14	30
1,2-Dichlorobenzene	1.0	U	20.0	22.7		ug/L		114	80 - 120	11	30
1,2-Dichloroethane	0.30	U	20.0	18.8		ug/L		94	66 - 129	4	30
1,2-Dichloropropane	0.92	U	20.0	21.4		ug/L		107	72 - 128	8	30
1,3-Dichlorobenzene	1.0	U	20.0	21.8		ug/L		109	80 - 120	8	30
1,4-Dichlorobenzene	1.0	U	20.0	21.8		ug/L		109	80 - 120	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-332953-A-2 MSD
Matrix: Water
Analysis Batch: 1056801

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)	5.0	U	100	96.4		ug/L		96	65 - 142	6	30
2-Hexanone	5.0	U	100	93.7		ug/L		94	72 - 134	10	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	117		ug/L		117	77 - 130	11	30
Acetone	5.0	U	100	97.1		ug/L		97	60 - 133	0	30
Benzene	0.45	U	20.0	20.7		ug/L		104	71 - 126	5	30
Bromoform	1.0	U	20.0	16.5		ug/L		83	58 - 128	1	30
Bromomethane	1.0	U	20.0	12.4		ug/L		62	33 - 150	2	30
Carbon disulfide	1.0	U	20.0	13.9		ug/L		70	35 - 150	4	30
Carbon tetrachloride	1.0	U	20.0	18.0		ug/L		90	65 - 131	5	30
Chlorobenzene	1.0	U	20.0	23.0		ug/L		115	80 - 120	6	30
Chlorobromomethane	1.0	U	20.0	19.6		ug/L		98	71 - 134	6	30
Chlorodibromomethane	0.78	U	20.0	17.0		ug/L		85	73 - 121	3	30
Chloroethane	1.2		20.0	16.2		ug/L		75	54 - 150	4	30
Chloroform	1.0	U	20.0	21.0		ug/L		105	78 - 125	5	30
Chloromethane	1.0	U	20.0	13.8		ug/L		69	43 - 149	3	30
cis-1,2-Dichloroethene	1.6		20.0	21.7		ug/L		100	78 - 121	7	30
cis-1,3-Dichloropropene	0.45	U	20.0	19.0		ug/L		95	74 - 125	1	30
Cyclohexane	1.0	U	20.0	19.7		ug/L		98	64 - 142	8	30
Dichlorobromomethane	0.98	U	20.0	17.9		ug/L		89	76 - 121	3	30
Dichlorodifluoromethane	1.0	U	20.0	12.5		ug/L		62	38 - 144	5	30
Ethylbenzene	1.0	U	20.0	20.8		ug/L		104	78 - 120	5	30
Isopropylbenzene	1.0	U	20.0	21.5		ug/L		107	79 - 125	4	30
Methyl acetate	5.0	U	40.0	41.5		ug/L		104	50 - 147	9	30
Methyl tert-butyl ether	1.0	U	20.0	19.2		ug/L		96	72 - 131	1	30
Methylcyclohexane	1.0	U	20.0	21.1		ug/L		105	63 - 138	12	30
Methylene Chloride	1.0	U	20.0	20.9		ug/L		104	74 - 127	3	30
m-Xylene & p-Xylene	1.0	U	20.0	21.6		ug/L		108	78 - 120	12	30
o-Xylene	1.0	U	20.0	19.6		ug/L		98	78 - 120	4	30
Styrene	1.0	U	20.0	20.7		ug/L		103	82 - 127	7	30
Tetrachloroethene	0.40	U	20.0	22.3		ug/L		111	70 - 127	3	30
Toluene	1.0	U	20.0	20.3		ug/L		102	78 - 120	4	30
trans-1,2-Dichloroethene	1.0	U	20.0	19.3		ug/L		96	70 - 126	4	30
trans-1,3-Dichloropropene	0.45	U	20.0	18.2		ug/L		91	71 - 127	5	30
Trichloroethene	0.50		20.0	21.3		ug/L		104	73 - 121	8	30
Trichlorofluoromethane	1.0	U	20.0	19.7		ug/L		99	62 - 134	0	30
Xylenes, Total	2.0	U	40.0	41.2		ug/L		103	80 - 120	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*
4-Bromofluorobenzene	*107*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

GC/MS VOA

Analysis Batch: 1056703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-332933-1	MW-6_20250815	Total/NA	Water	8260D	
460-332933-2	DUP-01_20250815	Total/NA	Water	8260D	
460-332933-3	MW-7_20250815	Total/NA	Water	8260D	
460-332933-5	FB-01_20250815	Total/NA	Water	8260D	
460-332933-6	TB-01_20250815	Total/NA	Water	8260D	
MB 460-1056703/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1056703/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1056703/6	Lab Control Sample Dup	Total/NA	Water	8260D	
460-332933-3 MS	MW-7_20250815	Total/NA	Water	8260D	
460-332933-3 MSD	MW-7_20250815	Total/NA	Water	8260D	

Analysis Batch: 1056801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-332933-4	MW-8_20250815	Total/NA	Water	8260D	
MB 460-1056801/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1056801/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1056801/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-332953-A-2 MS	Matrix Spike	Total/NA	Water	8260D	
460-332953-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Client Sample ID: MW-6_20250815
Date Collected: 08/15/25 10:05
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1056703	VBP	EET EDI	08/21/25 06:19

Client Sample ID: DUP-01_20250815
Date Collected: 08/15/25 10:10
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1056703	VBP	EET EDI	08/21/25 06:40

Client Sample ID: MW-7_20250815
Date Collected: 08/15/25 11:50
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1056703	VBP	EET EDI	08/21/25 07:00

Client Sample ID: MW-8_20250815
Date Collected: 08/15/25 13:05
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1056801	CJM	EET EDI	08/21/25 14:48

Client Sample ID: FB-01_20250815
Date Collected: 08/15/25 11:30
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1056703	VBP	EET EDI	08/20/25 23:22

Client Sample ID: TB-01_20250815
Date Collected: 08/15/25 00:00
Date Received: 08/15/25 19:10

Lab Sample ID: 460-332933-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1056703	VBP	EET EDI	08/20/25 23:42

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-332933-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-332933-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-332933-1	MW-6_20250815	Water	08/15/25 10:05	08/15/25 19:10	New York
460-332933-2	DUP-01_20250815	Water	08/15/25 10:10	08/15/25 19:10	New York
460-332933-3	MW-7_20250815	Water	08/15/25 11:50	08/15/25 19:10	New York
460-332933-4	MW-8_20250815	Water	08/15/25 13:05	08/15/25 19:10	New York
460-332933-5	FB-01_20250815	Water	08/15/25 11:30	08/15/25 19:10	New York
460-332933-6	TB-01_20250815	Water	08/15/25 00:00	08/15/25 19:10	New York

Chain of Custody Record 761779

eurofins | Environment Testing

Address _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Matt Levy	Site Contact: Zavier Richards	Date: 8/15/25	COC No: 1
Company Name: Haley & Aldrich	Tel/Email: MLevy@haleyaldrich.com	Lab Contact:	Carrier:	1 of 1 COCs
Address: 213 W 35th St, 7th Floor	Analysis Turnaround Time: ☐ CALENDAR DAYS ☐ WORKING DAYS			Sampler:
City/State/Zip: New York, NY 10001	TAT if different from Below: ☐ 2 weeks ☑ 1 week ☐ 2 days ☐ 1 day			For Lab Use Only: Walk-in Client: Lab Sampling:
Phone: 646-893-4733				Job / SDG No: 332933
Fax: mfershay@haleyaldrich.com				
Project Name: 1885 Atlantic Avenue Brooklyn				
Site: 1885 Atlantic Ave, Brooklyn, NY				
PO# 205125				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260D - TCL/Part 375 VOCs	Sample Specific Notes.
MW-6_20250815	8/15/25	10:05	G	water	3			X	RUN
DUP-01_20250815	8/15/25	10:10	G	water	3			X	RUN
MW-7_20250815	8/15/25	11:50	G	water	9		X	X	RUN MS/MSD
MW-8_20250815	8/15/25	13:05	G	water	3			X	~~Field Blank~~ RUN
FB-01_20250815	8/15/25	11:30	G	water	2			X	Field Blank
TB-01_20250815	8/15/25	—	G	water	2			X	Trip Blank

460-332933 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for: _____ Months

Special Instructions/QC Requirements & Comments. 8260D - TCL/Part 375 VOCs

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No		Cooler Temp. (°C): Obs'd. _____ Corr'd. _____ Therm ID No. _____		
Relinquished by: Zavier Richards	Company: HA	Date/Time: 8/15/25	Received by:	Company: Tudd	Date/Time: 8/15/25 1545
Relinquished by:	Company:	Date/Time: 8/15/25 1700	Received by:	Company: EET	Date/Time: 8/15/25 1730
Relinquished by:	Company: EET 8/15/25	Date/Time: 1910	Received in Laboratory by: Emily Laffin	Company: EET	Date/Time: 8/15/25 1910

NO CS IR#9 1.2 — 0.9

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8/22/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 332933

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.2 °C	0.9 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: MM Date: 8/15/25

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-332933-1

Login Number: 332933
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich Inc
213 West 35th Street, 7th Floor
New York NY 10001

Generated 12/17/2025 7:54 PM

JOB DESCRIPTION

1885 Atlantic Ave

JOB NUMBER

460-341362-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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12/17/2025 7:54 PM

Authorized for release by
Elizabeth J Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
732 549-3900

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Job Narrative
460-341362-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/11/2025 7:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

Receipt Exceptions
Per laboratory policy, the Trip Blank date/time was added to reflect the date/time of the latest sampling event.

TB-1 Blank (460-341362-6)

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1080639 was outside the method criteria for Dichlorodifluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-341362-1	MW-7_20251211	Water	12/11/25 11:35	12/11/25 19:15	New York
460-341362-2	MW-6_20251211	Water	12/11/25 14:00	12/11/25 19:15	New York
460-341362-3	MW-8_20251211	Water	12/11/25 13:05	12/11/25 19:15	New York
460-341362-4	DUP-1_20251211	Water	12/11/25 13:10	12/11/25 19:15	New York
460-341362-5	FB-1_20251211	Water	12/11/25 14:10	12/11/25 19:15	New York
460-341362-6	TB-1 Blank	Water	12/11/25 14:10	12/11/25 19:15	New York

Detection Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Client Sample ID: MW-7_20251211 — Lab Sample ID: 460-341362-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.77	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	95		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.61		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-6_20251211 — Lab Sample ID: 460-341362-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.65	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	76		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.45		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-8_20251211 — Lab Sample ID: 460-341362-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.4		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-1_20251211 — Lab Sample ID: 460-341362-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.2		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: FB-1_20251211 — Lab Sample ID: 460-341362-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13		5.0	4.4	ug/L	1		8260D	Total/NA

Client Sample ID: TB-1 Blank — Lab Sample ID: 460-341362-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15		5.0	4.4	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: MW-7_20251211
Lab Sample ID: 460-341362-1

Date Collected: 12/11/25 11:35
Matrix: Water

Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/16/25 10:02	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			12/16/25 10:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			12/16/25 10:02	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			12/16/25 10:02	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/16/25 10:02	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/16/25 10:02	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			12/16/25 10:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:02	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:02	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			12/16/25 10:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			12/16/25 10:02	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			12/16/25 10:02	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			12/16/25 10:02	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			12/16/25 10:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			12/16/25 10:02	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			12/16/25 10:02	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			12/16/25 10:02	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			12/16/25 10:02	1
Acetone	5.0	U	5.0	4.4	ug/L			12/16/25 10:02	1
Benzene	0.45	U	0.45	0.070	ug/L			12/16/25 10:02	1
Bromoform	1.0	U	1.0	0.54	ug/L			12/16/25 10:02	1
Bromomethane	1.0	U	1.0	0.55	ug/L			12/16/25 10:02	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			12/16/25 10:02	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/16/25 10:02	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			12/16/25 10:02	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			12/16/25 10:02	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			12/16/25 10:02	1
Chloroethane	1.0	U	1.0	0.32	ug/L			12/16/25 10:02	1
Chloroform	**0.77**	**J**	1.0	0.33	ug/L			12/16/25 10:02	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/16/25 10:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			12/16/25 10:02	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			12/16/25 10:02	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			12/16/25 10:02	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			12/16/25 10:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/16/25 10:02	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			12/16/25 10:02	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			12/16/25 10:02	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:02	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			12/16/25 10:02	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			12/16/25 10:02	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			12/16/25 10:02	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			12/16/25 10:02	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			12/16/25 10:02	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 10:02	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 10:02	1
o-Xylene	1.0	U	1.0	0.36	ug/L			12/16/25 10:02	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:02	1
Styrene	1.0	U	1.0	0.42	ug/L			12/16/25 10:02	1

Client Sample ID: MW-7_20251211
Lab Sample ID: 460-341362-1
Date Collected: 12/11/25 11:35
Matrix: Water
Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:02	1
Tetrachloroethene	**95**		0.40	0.28	ug/L			12/16/25 10:02	1
Toluene	1.0	U	1.0	0.38	ug/L			12/16/25 10:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/16/25 10:02	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			12/16/25 10:02	1
Trichloroethene	**0.61**		0.28	0.074	ug/L			12/16/25 10:02	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			12/16/25 10:02	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/16/25 10:02	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			12/16/25 10:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 128*		*12/16/25 10:02*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*12/16/25 10:02*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*12/16/25 10:02*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*12/16/25 10:02*	*1*

Client Sample ID: MW-6_20251211
Lab Sample ID: 460-341362-2
Date Collected: 12/11/25 14:00
Matrix: Water
Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/16/25 10:26	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			12/16/25 10:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			12/16/25 10:26	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			12/16/25 10:26	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/16/25 10:26	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/16/25 10:26	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			12/16/25 10:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:26	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:26	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			12/16/25 10:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			12/16/25 10:26	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			12/16/25 10:26	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			12/16/25 10:26	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			12/16/25 10:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			12/16/25 10:26	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			12/16/25 10:26	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			12/16/25 10:26	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			12/16/25 10:26	1
Acetone	5.0	U	5.0	4.4	ug/L			12/16/25 10:26	1
Benzene	0.45	U	0.45	0.070	ug/L			12/16/25 10:26	1
Bromoform	1.0	U	1.0	0.54	ug/L			12/16/25 10:26	1
Bromomethane	1.0	U	1.0	0.55	ug/L			12/16/25 10:26	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			12/16/25 10:26	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/16/25 10:26	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			12/16/25 10:26	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			12/16/25 10:26	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			12/16/25 10:26	1

Client Sample ID: MW-6_20251211
Lab Sample ID: 460-341362-2

Date Collected: 12/11/25 14:00
Matrix: Water
Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			12/16/25 10:26	1
Chloroform	**0.65**	**J**	1.0	0.33	ug/L			12/16/25 10:26	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/16/25 10:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			12/16/25 10:26	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			12/16/25 10:26	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			12/16/25 10:26	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			12/16/25 10:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/16/25 10:26	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			12/16/25 10:26	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			12/16/25 10:26	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:26	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			12/16/25 10:26	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			12/16/25 10:26	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			12/16/25 10:26	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			12/16/25 10:26	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			12/16/25 10:26	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 10:26	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 10:26	1
o-Xylene	1.0	U	1.0	0.36	ug/L			12/16/25 10:26	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:26	1
Styrene	1.0	U	1.0	0.42	ug/L			12/16/25 10:26	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:26	1
Tetrachloroethene	**76**		0.40	0.28	ug/L			12/16/25 10:26	1
Toluene	1.0	U	1.0	0.38	ug/L			12/16/25 10:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/16/25 10:26	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			12/16/25 10:26	1
Trichloroethene	**0.45**		0.28	0.074	ug/L			12/16/25 10:26	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			12/16/25 10:26	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/16/25 10:26	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			12/16/25 10:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 128*		*12/16/25 10:26*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*12/16/25 10:26*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*12/16/25 10:26*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*12/16/25 10:26*	*1*

Client Sample ID: MW-8_20251211
Lab Sample ID: 460-341362-3

Date Collected: 12/11/25 13:05
Matrix: Water
Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/16/25 10:49	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			12/16/25 10:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			12/16/25 10:49	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			12/16/25 10:49	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/16/25 10:49	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/16/25 10:49	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			12/16/25 10:49	1

Client Sample ID: MW-8_20251211
Lab Sample ID: 460-341362-3

Date Collected: 12/11/25 13:05
Matrix: Water

Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:49	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			12/16/25 10:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			12/16/25 10:49	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			12/16/25 10:49	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			12/16/25 10:49	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			12/16/25 10:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			12/16/25 10:49	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			12/16/25 10:49	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			12/16/25 10:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			12/16/25 10:49	1
Acetone	5.0	U	5.0	4.4	ug/L			12/16/25 10:49	1
Benzene	0.45	U	0.45	0.070	ug/L			12/16/25 10:49	1
Bromoform	1.0	U	1.0	0.54	ug/L			12/16/25 10:49	1
Bromomethane	1.0	U	1.0	0.55	ug/L			12/16/25 10:49	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			12/16/25 10:49	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/16/25 10:49	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			12/16/25 10:49	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			12/16/25 10:49	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			12/16/25 10:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			12/16/25 10:49	1
Chloroform	1.0	U	1.0	0.33	ug/L			12/16/25 10:49	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/16/25 10:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			12/16/25 10:49	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			12/16/25 10:49	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			12/16/25 10:49	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			12/16/25 10:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/16/25 10:49	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			12/16/25 10:49	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			12/16/25 10:49	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:49	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			12/16/25 10:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			12/16/25 10:49	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			12/16/25 10:49	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			12/16/25 10:49	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			12/16/25 10:49	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 10:49	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 10:49	1
o-Xylene	1.0	U	1.0	0.36	ug/L			12/16/25 10:49	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 10:49	1
Styrene	1.0	U	1.0	0.42	ug/L			12/16/25 10:49	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 10:49	1
Tetrachloroethene	**2.4**		0.40	0.28	ug/L			12/16/25 10:49	1
Toluene	1.0	U	1.0	0.38	ug/L			12/16/25 10:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/16/25 10:49	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			12/16/25 10:49	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			12/16/25 10:49	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			12/16/25 10:49	1

Client Sample ID: MW-8_20251211
Lab Sample ID: 460-341362-3
Date Collected: 12/11/25 13:05
Matrix: Water
Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/16/25 10:49	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			12/16/25 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 128*		*12/16/25 10:49*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*12/16/25 10:49*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*12/16/25 10:49*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*12/16/25 10:49*	*1*

Client Sample ID: DUP-1_20251211
Lab Sample ID: 460-341362-4
Date Collected: 12/11/25 13:10
Matrix: Water
Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/16/25 11:12	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			12/16/25 11:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			12/16/25 11:12	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			12/16/25 11:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/16/25 11:12	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/16/25 11:12	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			12/16/25 11:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			12/16/25 11:12	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 11:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			12/16/25 11:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			12/16/25 11:12	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			12/16/25 11:12	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			12/16/25 11:12	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			12/16/25 11:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			12/16/25 11:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			12/16/25 11:12	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			12/16/25 11:12	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			12/16/25 11:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			12/16/25 11:12	1
Acetone	5.0	U	5.0	4.4	ug/L			12/16/25 11:12	1
Benzene	0.45	U	0.45	0.070	ug/L			12/16/25 11:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			12/16/25 11:12	1
Bromomethane	1.0	U	1.0	0.55	ug/L			12/16/25 11:12	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			12/16/25 11:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/16/25 11:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			12/16/25 11:12	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			12/16/25 11:12	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			12/16/25 11:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			12/16/25 11:12	1
Chloroform	1.0	U	1.0	0.33	ug/L			12/16/25 11:12	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/16/25 11:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			12/16/25 11:12	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			12/16/25 11:12	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			12/16/25 11:12	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			12/16/25 11:12	1

Client Sample ID: DUP-1_20251211
Lab Sample ID: 460-341362-4
Date Collected: 12/11/25 13:10
Matrix: Water
Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/16/25 11:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			12/16/25 11:12	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			12/16/25 11:12	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 11:12	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			12/16/25 11:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			12/16/25 11:12	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			12/16/25 11:12	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			12/16/25 11:12	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			12/16/25 11:12	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 11:12	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 11:12	1
o-Xylene	1.0	U	1.0	0.36	ug/L			12/16/25 11:12	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 11:12	1
Styrene	1.0	U	1.0	0.42	ug/L			12/16/25 11:12	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 11:12	1
Tetrachloroethene	**2.2**		0.40	0.28	ug/L			12/16/25 11:12	1
Toluene	1.0	U	1.0	0.38	ug/L			12/16/25 11:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/16/25 11:12	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			12/16/25 11:12	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			12/16/25 11:12	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			12/16/25 11:12	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/16/25 11:12	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			12/16/25 11:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*12/16/25 11:12*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*12/16/25 11:12*	*1*
Dibromofluoromethane (Surr)	*105*		*77 - 132*		*12/16/25 11:12*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*12/16/25 11:12*	*1*

Client Sample ID: FB-1_20251211
Lab Sample ID: 460-341362-5
Date Collected: 12/11/25 14:10
Matrix: Water
Date Received: 12/11/25 19:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/16/25 08:52	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			12/16/25 08:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			12/16/25 08:52	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			12/16/25 08:52	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/16/25 08:52	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/16/25 08:52	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			12/16/25 08:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			12/16/25 08:52	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 08:52	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			12/16/25 08:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			12/16/25 08:52	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			12/16/25 08:52	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			12/16/25 08:52	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			12/16/25 08:52	1

Client Sample ID: FB-1_20251211

Date Collected: 12/11/25 14:10
Date Received: 12/11/25 19:15

Lab Sample ID: 460-341362-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			12/16/25 08:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			12/16/25 08:52	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			12/16/25 08:52	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			12/16/25 08:52	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			12/16/25 08:52	1
Acetone	**13**		5.0	4.4	ug/L			12/16/25 08:52	1
Benzene	0.45	U	0.45	0.070	ug/L			12/16/25 08:52	1
Bromoform	1.0	U	1.0	0.54	ug/L			12/16/25 08:52	1
Bromomethane	1.0	U	1.0	0.55	ug/L			12/16/25 08:52	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			12/16/25 08:52	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/16/25 08:52	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			12/16/25 08:52	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			12/16/25 08:52	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			12/16/25 08:52	1
Chloroethane	1.0	U	1.0	0.32	ug/L			12/16/25 08:52	1
Chloroform	1.0	U	1.0	0.33	ug/L			12/16/25 08:52	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/16/25 08:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			12/16/25 08:52	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			12/16/25 08:52	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			12/16/25 08:52	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			12/16/25 08:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/16/25 08:52	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			12/16/25 08:52	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			12/16/25 08:52	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 08:52	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			12/16/25 08:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			12/16/25 08:52	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			12/16/25 08:52	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			12/16/25 08:52	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			12/16/25 08:52	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 08:52	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 08:52	1
o-Xylene	1.0	U	1.0	0.36	ug/L			12/16/25 08:52	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 08:52	1
Styrene	1.0	U	1.0	0.42	ug/L			12/16/25 08:52	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 08:52	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			12/16/25 08:52	1
Toluene	1.0	U	1.0	0.38	ug/L			12/16/25 08:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/16/25 08:52	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			12/16/25 08:52	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			12/16/25 08:52	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			12/16/25 08:52	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/16/25 08:52	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			12/16/25 08:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 128*		*12/16/25 08:52*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*12/16/25 08:52*	*1*
Dibromofluoromethane (Surr)	*101*		*77 - 132*		*12/16/25 08:52*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*12/16/25 08:52*	*1*

Client Sample ID: TB-1 Blank

Date Collected: 12/11/25 14:10
Date Received: 12/11/25 19:15

Lab Sample ID: 460-341362-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/16/25 09:16	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			12/16/25 09:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			12/16/25 09:16	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			12/16/25 09:16	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/16/25 09:16	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/16/25 09:16	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			12/16/25 09:16	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			12/16/25 09:16	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 09:16	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			12/16/25 09:16	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			12/16/25 09:16	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			12/16/25 09:16	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			12/16/25 09:16	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			12/16/25 09:16	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			12/16/25 09:16	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			12/16/25 09:16	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			12/16/25 09:16	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			12/16/25 09:16	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			12/16/25 09:16	1
Acetone	**15**		5.0	4.4	ug/L			12/16/25 09:16	1
Benzene	0.45	U	0.45	0.070	ug/L			12/16/25 09:16	1
Bromoform	1.0	U	1.0	0.54	ug/L			12/16/25 09:16	1
Bromomethane	1.0	U	1.0	0.55	ug/L			12/16/25 09:16	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			12/16/25 09:16	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/16/25 09:16	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			12/16/25 09:16	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			12/16/25 09:16	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			12/16/25 09:16	1
Chloroethane	1.0	U	1.0	0.32	ug/L			12/16/25 09:16	1
Chloroform	1.0	U	1.0	0.33	ug/L			12/16/25 09:16	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/16/25 09:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			12/16/25 09:16	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			12/16/25 09:16	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			12/16/25 09:16	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			12/16/25 09:16	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/16/25 09:16	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			12/16/25 09:16	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			12/16/25 09:16	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 09:16	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			12/16/25 09:16	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			12/16/25 09:16	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			12/16/25 09:16	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			12/16/25 09:16	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			12/16/25 09:16	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 09:16	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 09:16	1
o-Xylene	1.0	U	1.0	0.36	ug/L			12/16/25 09:16	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 09:16	1
Styrene	1.0	U	1.0	0.42	ug/L			12/16/25 09:16	1

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Client Sample ID: TB-1 Blank

Date Collected: 12/11/25 14:10
Date Received: 12/11/25 19:15

Lab Sample ID: 460-341362-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 09:16	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			12/16/25 09:16	1
Toluene	1.0	U	1.0	0.38	ug/L			12/16/25 09:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/16/25 09:16	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			12/16/25 09:16	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			12/16/25 09:16	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			12/16/25 09:16	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/16/25 09:16	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			12/16/25 09:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 128*		*12/16/25 09:16*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*12/16/25 09:16*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*12/16/25 09:16*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*12/16/25 09:16*	*1*

Surrogate Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-341362-1	MW-7_20251211	109	95	104	107
460-341362-1 MS	MW-7_20251211	107	95	100	106
460-341362-1 MSD	MW-7_20251211	107	99	101	106
460-341362-2	MW-6_20251211	112	95	104	106
460-341362-3	MW-8_20251211	113	96	106	107
460-341362-4	DUP-1_20251211	111	95	105	107
460-341362-5	FB-1_20251211	109	94	101	109
460-341362-6	TB-1 Blank	113	94	104	107
LCS 460-1080639/4	Lab Control Sample	109	99	102	107
LCSD 460-1080639/5	Lab Control Sample Dup	106	98	100	108
MB 460-1080639/8	Method Blank	111	94	100	108

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1080639/8
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			12/16/25 08:29	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			12/16/25 08:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			12/16/25 08:29	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			12/16/25 08:29	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			12/16/25 08:29	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			12/16/25 08:29	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			12/16/25 08:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			12/16/25 08:29	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 08:29	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			12/16/25 08:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			12/16/25 08:29	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			12/16/25 08:29	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			12/16/25 08:29	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			12/16/25 08:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			12/16/25 08:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			12/16/25 08:29	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			12/16/25 08:29	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			12/16/25 08:29	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			12/16/25 08:29	1
Acetone	5.0	U	5.0	4.4	ug/L			12/16/25 08:29	1
Benzene	0.45	U	0.45	0.070	ug/L			12/16/25 08:29	1
Bromoform	1.0	U	1.0	0.54	ug/L			12/16/25 08:29	1
Bromomethane	1.0	U	1.0	0.55	ug/L			12/16/25 08:29	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			12/16/25 08:29	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			12/16/25 08:29	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			12/16/25 08:29	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			12/16/25 08:29	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			12/16/25 08:29	1
Chloroethane	1.0	U	1.0	0.32	ug/L			12/16/25 08:29	1
Chloroform	1.0	U	1.0	0.33	ug/L			12/16/25 08:29	1
Chloromethane	1.0	U	1.0	0.40	ug/L			12/16/25 08:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			12/16/25 08:29	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			12/16/25 08:29	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			12/16/25 08:29	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			12/16/25 08:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/16/25 08:29	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			12/16/25 08:29	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			12/16/25 08:29	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 08:29	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			12/16/25 08:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			12/16/25 08:29	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			12/16/25 08:29	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			12/16/25 08:29	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			12/16/25 08:29	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 08:29	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			12/16/25 08:29	1
o-Xylene	1.0	U	1.0	0.36	ug/L			12/16/25 08:29	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			12/16/25 08:29	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1080639/8
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			12/16/25 08:29	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			12/16/25 08:29	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			12/16/25 08:29	1
Toluene	1.0	U	1.0	0.38	ug/L			12/16/25 08:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			12/16/25 08:29	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			12/16/25 08:29	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			12/16/25 08:29	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			12/16/25 08:29	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			12/16/25 08:29	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			12/16/25 08:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*12/16/25 08:29*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*12/16/25 08:29*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*12/16/25 08:29*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*12/16/25 08:29*	*1*

Lab Sample ID: LCS 460-1080639/4
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.4		ug/L		107	72 - 128
1,1,2,2-Tetrachloroethane	20.0	22.8		ug/L		114	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.8		ug/L		114	65 - 142
1,1,2-Trichloroethane	20.0	22.6		ug/L		113	74 - 125
1,1-Dichloroethane	20.0	21.7		ug/L		109	73 - 130
1,1-Dichloroethene	20.0	21.9		ug/L		109	68 - 133
1,2,3-Trichlorobenzene	20.0	21.9		ug/L		110	55 - 150
1,2,4-Trichlorobenzene	20.0	20.4		ug/L		102	67 - 132
1,2,4-Trimethylbenzene	20.0	22.6		ug/L		113	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	22.7		ug/L		113	58 - 132
1,2-Dichlorobenzene	20.0	22.3		ug/L		111	80 - 120
1,2-Dichloroethane	20.0	21.7		ug/L		108	66 - 129
1,2-Dichloropropane	20.0	20.9		ug/L		105	72 - 128
1,3,5-Trimethylbenzene	20.0	22.9		ug/L		114	75 - 125
1,3-Dichlorobenzene	20.0	22.0		ug/L		110	80 - 120
1,4-Dichlorobenzene	20.0	22.0		ug/L		110	80 - 120
2-Butanone (MEK)	100	119		ug/L		119	65 - 142
2-Hexanone	100	105		ug/L		105	72 - 134
4-Methyl-2-pentanone (MIBK)	100	111		ug/L		111	77 - 130
Acetone	100	103		ug/L		103	60 - 133
Benzene	20.0	22.7		ug/L		114	71 - 126
Bromoform	20.0	21.7		ug/L		108	58 - 128
Bromomethane	20.0	24.9		ug/L		124	33 - 150
Carbon disulfide	20.0	20.5		ug/L		103	35 - 150
Carbon tetrachloride	20.0	21.2		ug/L		106	65 - 131
Chlorobenzene	20.0	22.9		ug/L		115	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1080639/4
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	22.8		ug/L		114	71 - 134
Chlorodibromomethane	20.0	21.8		ug/L		109	73 - 121
Chloroethane	20.0	20.2		ug/L		101	54 - 150
Chloroform	20.0	22.3		ug/L		111	78 - 125
Chloromethane	20.0	16.4		ug/L		82	43 - 149
cis-1,2-Dichloroethene	20.0	21.6		ug/L		108	78 - 121
cis-1,3-Dichloropropene	20.0	21.6		ug/L		108	74 - 125
Cyclohexane	20.0	22.9		ug/L		114	64 - 142
Dichlorobromomethane	20.0	21.1		ug/L		105	76 - 121
Dichlorodifluoromethane	20.0	11.9		ug/L		59	38 - 144
Ethylbenzene	20.0	22.7		ug/L		113	78 - 120
Ethylene Dibromide	20.0	22.4		ug/L		112	79 - 126
Isopropylbenzene	20.0	22.5		ug/L		113	79 - 125
Methyl acetate	40.0	45.9		ug/L		115	50 - 147
Methyl tert-butyl ether	20.0	20.0		ug/L		100	72 - 131
Methylcyclohexane	20.0	22.8		ug/L		114	63 - 138
Methylene Chloride	20.0	21.8		ug/L		109	74 - 127
m-Xylene & p-Xylene	20.0	22.1		ug/L		110	78 - 120
n-Butylbenzene	20.0	23.1		ug/L		116	69 - 135
N-Propylbenzene	20.0	23.0		ug/L		115	68 - 129
o-Xylene	20.0	22.2		ug/L		111	78 - 120
sec-Butylbenzene	20.0	23.0		ug/L		115	77 - 129
Styrene	20.0	22.3		ug/L		111	82 - 127
tert-Butylbenzene	20.0	22.5		ug/L		112	78 - 120
Tetrachloroethene	20.0	21.0		ug/L		105	70 - 127
Toluene	20.0	22.4		ug/L		112	78 - 120
trans-1,2-Dichloroethene	20.0	21.9		ug/L		109	70 - 126
trans-1,3-Dichloropropene	20.0	20.5		ug/L		102	71 - 127
Trichloroethene	20.0	21.3		ug/L		107	73 - 121
Trichlorofluoromethane	20.0	20.0		ug/L		100	62 - 134
Vinyl chloride	20.0	19.9		ug/L		99	55 - 144
Xylenes, Total	40.0	44.2		ug/L		111	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*102*		*77 - 132*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: LCSD 460-1080639/5
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	72 - 128	2	30
1,1,2,2-Tetrachloroethane	20.0	22.2		ug/L		111	63 - 139	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.6		ug/L		108	65 - 142	5	30
1,1,2-Trichloroethane	20.0	22.1		ug/L		111	74 - 125	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1080639/5
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	20.0	21.7		ug/L		108	73 - 130	0	30
1,1-Dichloroethene	20.0	21.8		ug/L		109	68 - 133	0	30
1,2,3-Trichlorobenzene	20.0	21.5		ug/L		107	55 - 150	2	30
1,2,4-Trichlorobenzene	20.0	20.7		ug/L		103	67 - 132	1	30
1,2,4-Trimethylbenzene	20.0	23.1		ug/L		116	75 - 125	2	30
1,2-Dibromo-3-Chloropropane	20.0	21.2		ug/L		106	58 - 132	7	30
1,2-Dichlorobenzene	20.0	22.4		ug/L		112	80 - 120	0	30
1,2-Dichloroethane	20.0	21.3		ug/L		106	66 - 129	2	30
1,2-Dichloropropane	20.0	20.8		ug/L		104	72 - 128	1	30
1,3,5-Trimethylbenzene	20.0	23.4		ug/L		117	75 - 125	2	30
1,3-Dichlorobenzene	20.0	22.1		ug/L		111	80 - 120	0	30
1,4-Dichlorobenzene	20.0	22.1		ug/L		110	80 - 120	1	30
2-Butanone (MEK)	100	116		ug/L		116	65 - 142	3	30
2-Hexanone	100	104		ug/L		104	72 - 134	1	30
4-Methyl-2-pentanone (MIBK)	100	112		ug/L		112	77 - 130	1	30
Acetone	100	99.4		ug/L		99	60 - 133	3	30
Benzene	20.0	22.9		ug/L		115	71 - 126	1	30
Bromoform	20.0	21.0		ug/L		105	58 - 128	3	30
Bromomethane	20.0	27.0		ug/L		135	33 - 150	8	30
Carbon disulfide	20.0	20.4		ug/L		102	35 - 150	1	30
Carbon tetrachloride	20.0	21.0		ug/L		105	65 - 131	1	30
Chlorobenzene	20.0	23.1		ug/L		115	80 - 120	0	30
Chlorobromomethane	20.0	22.2		ug/L		111	71 - 134	3	30
Chlorodibromomethane	20.0	21.5		ug/L		108	73 - 121	1	30
Chloroethane	20.0	20.8		ug/L		104	54 - 150	3	30
Chloroform	20.0	21.8		ug/L		109	78 - 125	2	30
Chloromethane	20.0	16.2		ug/L		81	43 - 149	1	30
cis-1,2-Dichloroethene	20.0	21.4		ug/L		107	78 - 121	1	30
cis-1,3-Dichloropropene	20.0	22.0		ug/L		110	74 - 125	2	30
Cyclohexane	20.0	22.2		ug/L		111	64 - 142	3	30
Dichlorobromomethane	20.0	21.0		ug/L		105	76 - 121	1	30
Dichlorodifluoromethane	20.0	11.3		ug/L		57	38 - 144	5	30
Ethylbenzene	20.0	22.8		ug/L		114	78 - 120	0	30
Ethylene Dibromide	20.0	22.1		ug/L		111	79 - 126	1	30
Isopropylbenzene	20.0	22.6		ug/L		113	79 - 125	1	30
Methyl acetate	40.0	43.4		ug/L		109	50 - 147	6	30
Methyl tert-butyl ether	20.0	20.2		ug/L		101	72 - 131	1	30
Methylcyclohexane	20.0	21.6		ug/L		108	63 - 138	5	30
Methylene Chloride	20.0	21.4		ug/L		107	74 - 127	2	30
m-Xylene & p-Xylene	20.0	22.2		ug/L		111	78 - 120	0	30
n-Butylbenzene	20.0	23.6		ug/L		118	69 - 135	2	30
N-Propylbenzene	20.0	23.4		ug/L		117	68 - 129	2	30
o-Xylene	20.0	22.2		ug/L		111	78 - 120	0	30
sec-Butylbenzene	20.0	23.4		ug/L		117	77 - 129	2	30
Styrene	20.0	22.2		ug/L		111	82 - 127	0	30
tert-Butylbenzene	20.0	23.2		ug/L		116	78 - 120	3	30
Tetrachloroethene	20.0	21.1		ug/L		105	70 - 127	0	30
Toluene	20.0	22.7		ug/L		114	78 - 120	1	30
trans-1,2-Dichloroethene	20.0	21.7		ug/L		109	70 - 126	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1080639/5
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			20.0	20.7		ug/L		104	71 - 127	1	30
Trichloroethene			20.0	21.2		ug/L		106	73 - 121	0	30
Trichlorofluoromethane			20.0	19.5		ug/L		97	62 - 134	3	30
Vinyl chloride			20.0	19.4		ug/L		97	55 - 144	2	30
Xylenes, Total			40.0	44.3		ug/L		111	80 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*
4-Bromofluorobenzene	*98*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 132*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: 460-341362-1 MS
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: MW-7_20251211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	17.8		ug/L		89	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	19.1		ug/L		95	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	14.4		ug/L		72	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	19.5		ug/L		97	74 - 125
1,1-Dichloroethane	1.0	U	20.0	19.1		ug/L		95	73 - 130
1,1-Dichloroethene	1.0	U	20.0	17.9		ug/L		90	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	17.5		ug/L		88	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	17.3		ug/L		87	67 - 132
1,2,4-Trimethylbenzene	1.0	U	20.0	20.9		ug/L		105	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	18.4		ug/L		92	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	20.0		ug/L		100	80 - 120
1,2-Dichloroethane	0.30	U	20.0	19.2		ug/L		96	66 - 129
1,2-Dichloropropane	0.92	U	20.0	18.6		ug/L		93	72 - 128
1,3,5-Trimethylbenzene	1.0	U	20.0	20.4		ug/L		102	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	19.6		ug/L		98	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	19.5		ug/L		97	80 - 120
2-Butanone (MEK)	5.0	U	100	115		ug/L		115	65 - 142
2-Hexanone	5.0	U	100	99.8		ug/L		100	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	108		ug/L		108	77 - 130
Acetone	5.0	U	100	99.9		ug/L		100	60 - 133
Benzene	0.45	U	20.0	19.8		ug/L		99	71 - 126
Bromoform	1.0	U	20.0	17.7		ug/L		89	58 - 128
Bromomethane	1.0	U	20.0	13.1		ug/L		66	33 - 150
Carbon disulfide	1.0	U	20.0	16.3		ug/L		82	35 - 150
Carbon tetrachloride	1.0	U	20.0	16.7		ug/L		83	65 - 131
Chlorobenzene	1.0	U	20.0	20.1		ug/L		100	80 - 120
Chlorobromomethane	1.0	U	20.0	20.4		ug/L		102	71 - 134
Chlorodibromomethane	0.78	U	20.0	18.3		ug/L		91	73 - 121
Chloroethane	1.0	U	20.0	18.0		ug/L		90	54 - 150
Chloroform	0.77	J	20.0	20.2		ug/L		97	78 - 125
Chloromethane	1.0	U	20.0	13.8		ug/L		69	43 - 149

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-341362-1 MS
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: MW-7_20251211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	1.0	U	20.0	19.2		ug/L		96	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	18.1		ug/L		90	74 - 125
Cyclohexane	1.0	U	20.0	15.1		ug/L		76	64 - 142
Dichlorobromomethane	0.98	U	20.0	18.0		ug/L		90	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	9.58		ug/L		48	38 - 144
Ethylbenzene	1.0	U	20.0	20.2		ug/L		101	78 - 120
Ethylene Dibromide	1.0	U	20.0	19.8		ug/L		99	79 - 126
Isopropylbenzene	1.0	U	20.0	18.1		ug/L		91	79 - 125
Methyl acetate	5.0	U	40.0	38.9		ug/L		97	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	16.8		ug/L		84	72 - 131
Methylcyclohexane	1.0	U	20.0	14.6		ug/L		73	63 - 138
Methylene Chloride	1.0	U	20.0	19.1		ug/L		96	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	20.7		ug/L		104	78 - 120
n-Butylbenzene	1.0	U	20.0	19.3		ug/L		96	69 - 135
N-Propylbenzene	1.0	U	20.0	19.6		ug/L		98	68 - 129
o-Xylene	1.0	U	20.0	19.6		ug/L		98	78 - 120
sec-Butylbenzene	1.0	U	20.0	19.6		ug/L		98	77 - 129
Styrene	1.0	U	20.0	18.8		ug/L		94	82 - 127
tert-Butylbenzene	1.0	U	20.0	19.7		ug/L		98	78 - 120
Tetrachloroethene	95		20.0	97.9	*	ug/L		16	70 - 127
Toluene	1.0	U	20.0	19.5		ug/L		97	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	18.7		ug/L		94	70 - 126
trans-1,3-Dichloropropene	0.45	U	20.0	17.3		ug/L		86	71 - 127
Trichloroethene	0.61		20.0	18.5		ug/L		90	73 - 121
Trichlorofluoromethane	1.0	U	20.0	17.3		ug/L		87	62 - 134
Vinyl chloride	1.0	U	20.0	17.1		ug/L		85	55 - 144
Xylenes, Total	2.0	U	40.0	40.3		ug/L		101	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 128*
4-Bromofluorobenzene	*95*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 132*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 460-341362-1 MSD
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: MW-7_20251211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	19.9		ug/L		99	72 - 128	11	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	21.7		ug/L		109	63 - 139	13	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	16.7		ug/L		83	65 - 142	15	30
1,1,2-Trichloroethane	0.58	U	20.0	21.1		ug/L		105	74 - 125	8	30
1,1-Dichloroethane	1.0	U	20.0	20.9		ug/L		105	73 - 130	9	30
1,1-Dichloroethene	1.0	U	20.0	19.8		ug/L		99	68 - 133	10	30
1,2,3-Trichlorobenzene	1.0	U	20.0	19.5		ug/L		98	55 - 150	11	30
1,2,4-Trichlorobenzene	1.0	U	20.0	19.1		ug/L		95	67 - 132	10	30
1,2,4-Trimethylbenzene	1.0	U	20.0	22.5		ug/L		113	75 - 125	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-341362-1 MSD
Matrix: Water
Analysis Batch: 1080639

Client Sample ID: MW-7_20251211
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	20.7		ug/L		103	58 - 132	12	30
1,2-Dichlorobenzene	1.0	U	20.0	21.6		ug/L		108	80 - 120	8	30
1,2-Dichloroethane	0.30	U	20.0	20.8		ug/L		104	66 - 129	8	30
1,2-Dichloropropane	0.92	U	20.0	20.1		ug/L		101	72 - 128	8	30
1,3,5-Trimethylbenzene	1.0	U	20.0	22.2		ug/L		111	75 - 125	9	30
1,3-Dichlorobenzene	1.0	U	20.0	21.5		ug/L		107	80 - 120	9	30
1,4-Dichlorobenzene	1.0	U	20.0	21.1		ug/L		106	80 - 120	8	30
2-Butanone (MEK)	5.0	U	100	120		ug/L		120	65 - 142	5	30
2-Hexanone	5.0	U	100	106		ug/L		106	72 - 134	6	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	114		ug/L		114	77 - 130	6	30
Acetone	5.0	U	100	104		ug/L		104	60 - 133	4	30
Benzene	0.45	U	20.0	21.4		ug/L		107	71 - 126	8	30
Bromoform	1.0	U	20.0	19.3		ug/L		97	58 - 128	9	30
Bromomethane	1.0	U	20.0	20.8	*	ug/L		104	33 - 150	46	30
Carbon disulfide	1.0	U	20.0	18.3		ug/L		91	35 - 150	11	30
Carbon tetrachloride	1.0	U	20.0	18.8		ug/L		94	65 - 131	12	30
Chlorobenzene	1.0	U	20.0	21.8		ug/L		109	80 - 120	8	30
Chlorobromomethane	1.0	U	20.0	21.8		ug/L		109	71 - 134	7	30
Chlorodibromomethane	0.78	U	20.0	20.2		ug/L		101	73 - 121	10	30
Chloroethane	1.0	U	20.0	15.0		ug/L		75	54 - 150	19	30
Chloroform	0.77	J	20.0	21.8		ug/L		105	78 - 125	8	30
Chloromethane	1.0	U	20.0	15.9		ug/L		79	43 - 149	14	30
cis-1,2-Dichloroethene	1.0	U	20.0	20.9		ug/L		104	78 - 121	8	30
cis-1,3-Dichloropropene	0.45	U	20.0	20.1		ug/L		100	74 - 125	10	30
Cyclohexane	1.0	U	20.0	17.7		ug/L		88	64 - 142	16	30
Dichlorobromomethane	0.98	U	20.0	19.8		ug/L		99	76 - 121	9	30
Dichlorodifluoromethane	1.0	U	20.0	11.0		ug/L		55	38 - 144	14	30
Ethylbenzene	1.0	U	20.0	21.6		ug/L		108	78 - 120	7	30
Ethylene Dibromide	1.0	U	20.0	21.5		ug/L		107	79 - 126	8	30
Isopropylbenzene	1.0	U	20.0	21.5		ug/L		107	79 - 125	17	30
Methyl acetate	5.0	U	40.0	41.5		ug/L		104	50 - 147	7	30
Methyl tert-butyl ether	1.0	U	20.0	18.7		ug/L		94	72 - 131	11	30
Methylcyclohexane	1.0	U	20.0	16.8		ug/L		84	63 - 138	14	30
Methylene Chloride	1.0	U	20.0	20.6		ug/L		103	74 - 127	7	30
m-Xylene & p-Xylene	1.0	U	20.0	22.1		ug/L		111	78 - 120	6	30
n-Butylbenzene	1.0	U	20.0	21.4		ug/L		107	69 - 135	10	30
N-Propylbenzene	1.0	U	20.0	22.1		ug/L		110	68 - 129	12	30
o-Xylene	1.0	U	20.0	21.5		ug/L		108	78 - 120	9	30
sec-Butylbenzene	1.0	U	20.0	21.8		ug/L		109	77 - 129	11	30
Styrene	1.0	U	20.0	21.1		ug/L		106	82 - 127	12	30
tert-Butylbenzene	1.0	U	20.0	21.7		ug/L		108	78 - 120	10	30
Tetrachloroethene	95		20.0	101	*	ug/L		33	70 - 127	3	30
Toluene	1.0	U	20.0	21.2		ug/L		106	78 - 120	8	30
trans-1,2-Dichloroethene	1.0	U	20.0	20.5		ug/L		103	70 - 126	9	30
trans-1,3-Dichloropropene	0.45	U	20.0	18.9		ug/L		94	71 - 127	9	30
Trichloroethene	0.61		20.0	20.6		ug/L		100	73 - 121	11	30
Trichlorofluoromethane	1.0	U	20.0	19.8		ug/L		99	62 - 134	13	30
Vinyl chloride	1.0	U	20.0	19.1		ug/L		96	55 - 144	11	30
Xylenes, Total	2.0	U	40.0	43.6		ug/L		109	80 - 120	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 128
4-Bromofluorobenzene	99		76 - 120
Dibromofluoromethane (Surr)	101		77 - 132
Toluene-d8 (Surr)	106		80 - 120

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

GC/MS VOA

Analysis Batch: 1080639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-341362-1	MW-7_20251211	Total/NA	Water	8260D	
460-341362-2	MW-6_20251211	Total/NA	Water	8260D	
460-341362-3	MW-8_20251211	Total/NA	Water	8260D	
460-341362-4	DUP-1_20251211	Total/NA	Water	8260D	
460-341362-5	FB-1_20251211	Total/NA	Water	8260D	
460-341362-6	TB-1 Blank	Total/NA	Water	8260D	
MB 460-1080639/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1080639/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1080639/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-341362-1 MS	MW-7_20251211	Total/NA	Water	8260D	
460-341362-1 MSD	MW-7_20251211	Total/NA	Water	8260D	

Lab Chronicle

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Client Sample ID: MW-7_20251211
Lab Sample ID: 460-341362-1
Date Collected: 12/11/25 11:35
Matrix: Water
Date Received: 12/11/25 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1080639	SZD	EET EDI	12/16/25 10:02

Client Sample ID: MW-6_20251211
Lab Sample ID: 460-341362-2
Date Collected: 12/11/25 14:00
Matrix: Water
Date Received: 12/11/25 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1080639	SZD	EET EDI	12/16/25 10:26

Client Sample ID: MW-8_20251211
Lab Sample ID: 460-341362-3
Date Collected: 12/11/25 13:05
Matrix: Water
Date Received: 12/11/25 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1080639	SZD	EET EDI	12/16/25 10:49

Client Sample ID: DUP-1_20251211
Lab Sample ID: 460-341362-4
Date Collected: 12/11/25 13:10
Matrix: Water
Date Received: 12/11/25 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1080639	SZD	EET EDI	12/16/25 11:12

Client Sample ID: FB-1_20251211
Lab Sample ID: 460-341362-5
Date Collected: 12/11/25 14:10
Matrix: Water
Date Received: 12/11/25 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1080639	SZD	EET EDI	12/16/25 08:52

Client Sample ID: TB-1 Blank
Lab Sample ID: 460-341362-6
Date Collected: 12/11/25 14:10
Matrix: Water
Date Received: 12/11/25 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1080639	SZD	EET EDI	12/16/25 09:16

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Ave

Job ID: 460-341362-1

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
524FREONS_00044	12/07/25	11/07/25	MeOH, Lot EJ980-US	10 mL	7 Freons_00009	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00009	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00033	11/17/25	10/17/25	MeOH, Lot EJ980-US	5 mL	7 Freons_00009	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00009	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00200	12/04/25	11/04/25	MeOH, Lot EJ980-US	10 mL	KetonesC SS_00018	200 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix SS_00023	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00018	04/30/27		RESTEK, Lot A0209876		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix SS_00023	10/31/27		RESTEK, Lot A0224454		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260MIX1COMB_00214	11/17/25	10/17/25	MeOH, Lot EJ980-US	50 mL	EPICH(working_00017	0.5 mL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00027	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00026	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00033	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					LIST2/STD6_00026	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00028	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00044	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00032	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00107	1 mL	Vinyl acetate	100 ug/mL
.EPICH(working_00017	09/16/27	09/16/25	MeOH, Lot EJ980-US	10 mL	EPICHLO(NEAT)_00002	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00002	09/12/35		FLUKA, Lot SHBQ8511		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new)_00027	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00026	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00033	02/09/28		RESTEK, Lot A0222253		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.LIST2/STD6_00026	07/31/26		RESTEK, Lot A0221376		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00028	08/31/26		RESTEK, Lot A0222232		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00044	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00032	02/28/27		RESTEK, Lot A0222453		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00107	08/31/26		RESTEK, Lot A0222118		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00214	11/17/25	10/17/25	MeOH, Lot EJ980-US	50 mL	Mega Mix_00044	1 mL	Xylenes, Total	100 ug/mL
.Mega Mix_00044	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
8260MIX1COMB_00216	01/03/26	12/03/25	MeOH, Lot EJ980-US	50 mL	KetonesC_00033	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix_00044	1 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC_00033	02/09/28		RESTEK, Lot A0222253		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00044	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
ACROLEIN W_00189	11/12/25	10/12/25	MeOH, Lot EJ980-US	10 mL	ACROLEIN_00026	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00026	10/31/26		RESTEK, Lot A0224370		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00144	11/29/25	10/29/25	MeOH, Lot EJ980-US	10 mL	Acrylonitrile_00011	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00017	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00011	03/03/28		ABSOLUTE, Lot 030325		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00017	09/16/27	09/16/25	MeOH, Lot EJ980-US	10 mL	EPICHLO(NEAT)_00002	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00002	09/12/35		FLUKA, Lot SHBQ8511		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00040							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Total Volatile Organic Compounds	
							Xylenes, Total	
					VMC21SU_00011	500 uL	4-Bromofluorobenzene	25 ug/mL
							BFB	25 ug/mL
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
Ethanol mix_00107	11/17/25	10/17/25	MeOH, Lot EJ980-US	5 mL	ETHANOL(new)_00027	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00027	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00647	11/16/25	11/09/25	MeOH, Lot EJ980-US	10 mL	GASES SS_00030	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00030	04/30/28		RESTEK, Lot A0224834		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00510	11/23/25	11/09/25	MeOH, Lot EJ980-US	5 mL	GASES C_00043	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00043	04/30/28		RESTEK, Lot A0224758		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00669	11/16/25	11/09/25	MeOH, Lot EJ980-US	25 mL	GASES C_00043	500 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00043	04/30/28		RESTEK, Lot A0224758		(Purchased Reagent)		Bromomethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00674	12/19/25	12/12/25	MeOH, Lot EJ980-US	25 mL	GASES C_00043	500 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00043	04/30/28		RESTEK, Lot A0224758		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00167	11/17/25	10/17/25	MeOH, Lot EJ980-US	5 mL	Extra Cmpd_00026	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00026	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00028	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00032	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.Extra Cmpd_00026	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00026	07/31/26		RESTEK, Lot A0221376		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00028	08/31/26		RESTEK, Lot A0222232		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00032	02/28/27		RESTEK, Lot A0222453		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00194	11/17/25	10/17/25	MeOH, Lot EJ980-US	5 mL	EPICH(working_00017	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00033	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
					Mega Mix_00044	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chlorodibromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromomethane	500 ug/mL
							Dichlorobromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl tert-butyl ether	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00107	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00017	09/16/27	09/16/25	MeOH, Lot EJ980-US	10 mL	EPICHLO(NEAT)_00002	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00002	09/12/35		FLUKA, Lot SHBQ8511		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00033	02/09/28		RESTEK, Lot A0222253		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00044	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00107	08/31/26		RESTEK, Lot A0222118		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VOA6IS/SURR_00083	11/19/25	09/19/25	MeOH, Lot EJ980-US	5 mL	8260 SURR C_00070	100 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					8260ISNEW_00216	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260 SURR C_00070	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.8260ISNEW_00216	04/30/30		RESTEK, Lot A0224544		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
VOA6IS/SURR_00084	01/19/26	11/19/25	MeOH, Lot EJ980-US	5 mL	8260ISNEW_00216	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260ISNEW_00216	04/30/30		RESTEK, Lot A0224544		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
VOA6IS/SURR_00084	01/19/26	11/19/25	MeOH, Lot EJ980-US	5 mL	8260 SURR C_00070	100 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.8260 SURR C_00070	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL

Reagent

7 Freons_00009

Absolute Standards, Inc.
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Certified Reference Material CRM

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EF282-USQ5

R2608

MS 4/29/25 #12541873

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Eli Aliaga 040723
Formulated By: Eli Aliaga DATE

Pedro Rentas 040723
Reviewed By: Pedro L. Rentas DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

8260 SURR C_00070

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Certificate of Analysis

chromatographic plus

R2609

MS 4130125 #12545026

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260ISNEW_00216

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MS 9/17/25 R2661 #12922014

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0224544

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : April 30, 2030 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,009.5 µg/mL	+/- 62.2159
2	2-Butanone-d5	24313-50-6	HJ-279	99%	1,250.3 µg/mL	+/- 15.5276
3	Fluorobenzene	462-06-6	BCBZ5549	99%	251.8 µg/mL	+/- 3.1282
4	1,4-Dioxane-d8	17647-74-4	RP240917A	99%	5,011.6 µg/mL	+/- 62.2423
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	251.8 µg/mL	+/- 3.1282
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	251.4 µg/mL	+/- 3.1236

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

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Reagent

ACROLEIN_00026

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R2624
MS 5/28/25 # 12615014

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0224370

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RD250328ECS	99%	19,751.5 µg/mL	+/- 580.2590

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Page 2 of 6

Reagent

Acrylonitrile_00011

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www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 030325
Description: Acrylonitrile

Solvent: Methanol **Lot#** EJ143-USQ10

Expiration Date: 030328
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

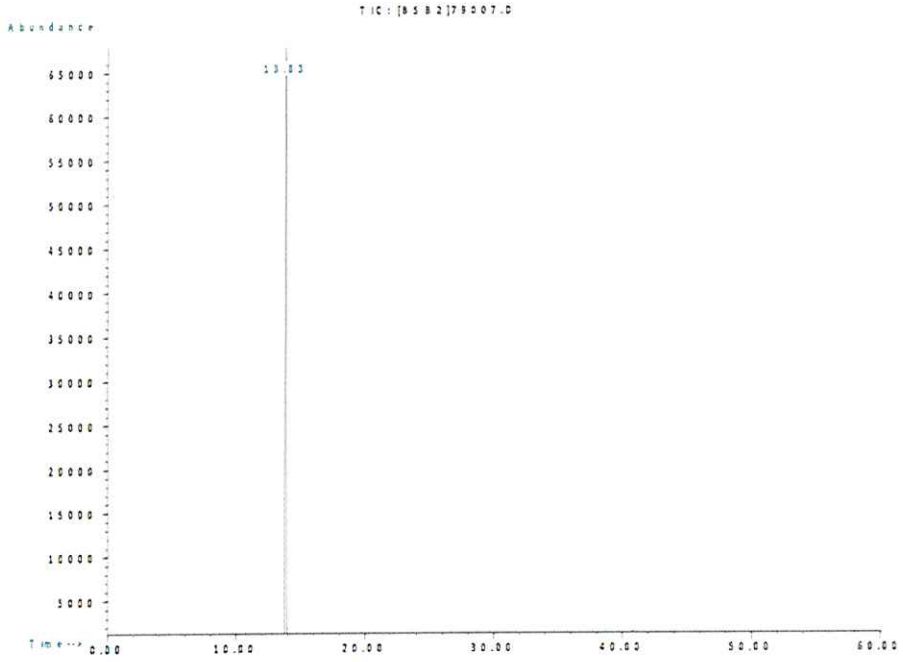
MS 3/5/25 R2596 # 12392448

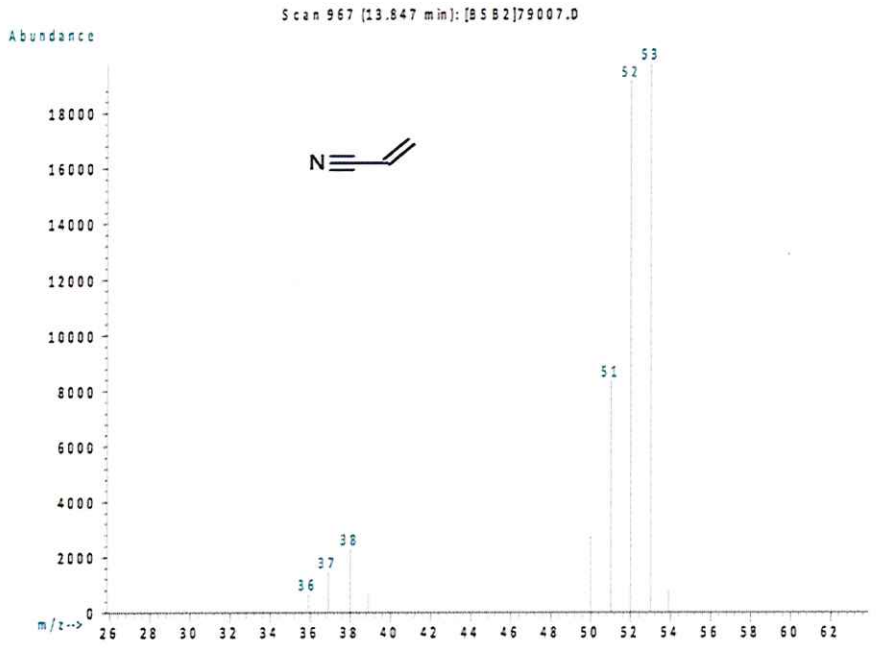
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Formulated By:	Prashant Chauhan	030325 DATE
Reviewed By:	Pedro L. Rentas	030325 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05070	1003.3	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

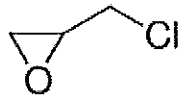
EPICHLO(NEAT)_00002

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)

Product Number:	**45340**
Batch Number:	**SHBQ8511**
Brand:	SIAL
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	12 JUN 2023



R 2660

MS 9/12/25 # 12906713

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 5 APHA
Refractive index at 20 °C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Larry Coers, Director
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

ETHANOL(new)_00027

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R2615

MS 5/13/25 #12577031

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0220852

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR7934	99%	100,059.0 µg/mL	+/- 1,244.6087

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Extra Cmpd_00026

CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 010825
Description: VOC Standard 2015
14 components
Expiration Date: 010828
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EJ143-USQ6

MS 5/9/25

R2611
#12568561

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 75.0 0.021 Flask Uncertainty

Formulated By: Prashant Chauhan	010825 DATE
Reviewed By: Pedro L. Rentas	010825 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. n-Amyl acetate	1515	OGL01	2500	98	0.2	0.19133	0.19150	2502.3	10.4	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2. tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.19133	0.19144	2501.5	10.4	919-94-8	N/A	inh-mus 81284mg/m3/15H
3. n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.18939	0.18948	2501.1	10.3	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4. Butyl methacrylate	1314	03220HG	2500	99	0.2	0.18939	0.18950	2501.4	10.3	97-88-1	N/A	orl-rat 18 g/kg
5. Cyclopentene	519	MKCL5160	2500	98.3	0.2	0.19074	0.19089	2501.9	10.4	142-29-0	N/A	orl-rat 1656mg/kg
6. 4-Ethyltoluene	1001	031097	2500	99	0.2	0.18939	0.18945	2500.7	10.3	622-96-8	N/A	N/A
7. Indan	955	06309PV	2500	96	0.2	0.19531	0.19545	2501.8	10.6	496-11-7	N/A	N/A
8. Isoprene	1541	SHBN7340	2500	99.7	0.2	0.18806	0.18825	2502.5	10.2	78-79-5	N/A	N/A
9. Isopropyl acetate	1106	MKCQ4616	2500	99.90	0.2	0.18769	0.18781	2501.6	10.2	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10. Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.18769	0.18780	2501.5	10.2	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11. n-Pentane	783	LX202310NP	**5000**	99.57	0.2	0.37662	0.37682	**5002.7**	20.3	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12. Propyl acetate	1105	05017HY	2500	99	0.2	0.18939	0.18950	2501.4	10.3	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13. 1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.19133	0.19150	2502.3	10.4	95-93-2	N/A	orl-rat 6989mg/kg
14. 1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.19133	0.19148	2502.0	10.4	105-05-5	N/A	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Reagent

GASES C_00043

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R2646

MS 8/6/25

12814031

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0224758

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,520.0 µg/mL	+/- 142.0951
2	Chloromethane (methyl chloride)	74-87-3	1525538	99%	2,518.7 µg/mL	+/- 142.0257
3	Vinyl chloride	75-01-4	00015559	97%	2,516.6 µg/mL	+/- 141.7000
4	1,3-Butadiene	106-99-0	00019375	99%	2,522.5 µg/mL	+/- 141.9454
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,525.5 µg/mL	+/- 143.1018
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.5 µg/mL	+/- 142.2718
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.9 µg/mL	+/- 141.8357
8	Trichlorofluoromethane (CFC-11)	75-69-4	29320	99%	2,526.6 µg/mL	+/- 143.4191

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 606

Reagent

GASES SS_00030

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Certificate of Analysis

chromatographic plus

MS 8/6/25 R2647 #12814032

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0224834

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	29307	99%	2,517.1 µg/mL	+/- 141.9477
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,519.6 µg/mL	+/- 141.6195
3	Vinyl chloride	75-01-4 *	00015559	97%	2,519.3 µg/mL	+/- 141.5426
4	1,3-Butadiene	106-99-0.SEC	29306	99%	2,518.6 µg/mL	+/- 141.4952
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,531.5 µg/mL	+/- 142.1432
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,503.1 µg/mL	+/- 140.4825
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00019903	99%	2,522.3 µg/mL	+/- 141.4203

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Page 606

Reagent

KetonesC SS_00018

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CERTIFIED REFERENCE MATERIAL

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Certificate of Analysis

chromatographic plus

MS 2/5/25 R2589 # 12335375

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0209876

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	U19I024	99%	12,580.0 µg/mL	+/- 434.7940
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,611.6 µg/mL	+/- 435.8862
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,576.4 µg/mL	+/- 434.6696
4	2-Hexanone	591-78-6.SEC	NXXXA	99%	12,574.8 µg/mL	+/- 434.6143

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

KetonesC_00033

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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Certificate of Analysis

chromatographic plus

R2614

MS 5/13/25 #12577002

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0222253

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 29, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBR9592	99%	12,583.7 µg/mL	+/- 434.9207
2	2-Butanone (MEK)	78-93-3	SHBQ9020	99%	12,607.3 µg/mL	+/- 435.7387
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBR0467	99%	12,562.7 µg/mL	+/- 434.1949
4	2-Hexanone	591-78-6	MKCV1997	99%	12,622.7 µg/mL	+/- 436.2687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

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Reagent

LIST2/STD6_00026

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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Certificate of Analysis

chromatographic plus

R2617

MS 5/13/25 #12577053

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0221376

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBS0800	99%	25,216.5 µg/mL	+/- 412.3381
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	S241007RSR	99%	2,520.0 µg/mL	+/- 41.2189
3	Methacrylonitrile	126-98-7	1012014	99%	25,138.0 µg/mL	+/- 411.0545
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBR4221	99%	2,522.5 µg/mL	+/- 41.2598
5	1-Butanol	71-36-3	101601K21K	99%	62,777.0 µg/mL	+/- 1,026.5175
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,028.0 µg/mL	+/- 82.2174
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,523.5 µg/mL	+/- 41.2761
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	2,506.4 µg/mL	+/- 40.9956
9	Benzyl chloride	100-44-7	MKCM5986	99%	2,518.0 µg/mL	+/- 41.1862
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,508.0 µg/mL	+/- 41.0226

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD7_00028

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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ISO/IEC 17025 Accredited
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Certificate #3222.02

Certificate of Analysis

chromatographic plus

R2618
MS 5/13/25 #12577060

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0222232

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBR8669	99%	5,027.0 µg/mL	+/- 173.7448
2	Ethyl acrylate	140-88-5	MKCQ6014	99%	2,520.5 µg/mL	+/- 87.1200
3	Methyl methacrylate	80-62-6	995248V16F	99%	5,018.5 µg/mL	+/- 173.4510
4	Butyl acetate	123-86-4	SHBR2024	99%	2,518.0 µg/mL	+/- 87.0336

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Mega Mix SS_00023

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2632

MS 6/11/25 # 1265721

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992.SEC **Lot No.:** A0224454

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7.SEC	101608R02R	99%	2,518.3 µg/mL	+/- 87.0220
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1.SEC	18342	99%	2,518.7 µg/mL	+/- 87.0335
3	1,1-Dichloroethene	75-35-4.SEC	16011600	99%	2,520.0 µg/mL	+/- 87.0795
4	tert-Butanol (TBA)	75-65-0.SEC	X8R3L	99%	25,167.3 µg/mL	+/- 869.6654
5	Methyl acetate	79-20-9.SEC	LV27M	99%	5,038.3 µg/mL	+/- 174.1015
6	Iodomethane (methyl iodide)	74-88-4.SEC	Y25A027	99%	2,520.2 µg/mL	+/- 87.0853
7	Allyl chloride (3-chloropropene)	107-05-1.SEC	RD241210S	99%	2,520.8 µg/mL	+/- 87.1083
8	Methylene chloride (dichloromethane)	75-09-2.SEC	FGM02	99%	2,519.7 µg/mL	+/- 87.0680
9	Carbon disulfide	75-15-0.SEC	MKBL1376V	99%	2,520.0 µg/mL	+/- 87.0795
10	Acrylonitrile	107-13-1.SEC	V54AD	99%	25,154.8 µg/mL	+/- 869.2334
11	Methyl-tert-butyl ether (MTBE)	1634-04-4.SEC	CDCQG	99%	2,516.8 µg/mL	+/- 86.9701
12	cis-1,2-Dichloroethene	156-59-2.SEC	HGC01-BLKT	99%	2,520.0 µg/mL	+/- 87.0795
13	n-Hexane (C6)	110-54-3.SEC	10188491	99%	2,522.7 µg/mL	+/- 87.1717
14	1,1-Dichloroethane	75-34-3.SEC	1026.30-3	98%	2,517.3 µg/mL	+/- 86.9860
15	2,2-Dichloropropane	594-20-7.SEC	SDGUL	98%	2,519.6 µg/mL	+/- 87.0650
16	trans-1,2-Dichloroethene	156-60-5.SEC	L5QOH	99%	2,516.7 µg/mL	+/- 86.9644

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17	Isobutanol (2-Methyl-1-propanol)	78-83-1.SEC YNG3K	99%	62,866.7	µg/mL	+/- 2,172.3781
18	Chloroform	67-66-3.SEC 2406697	99%	2,518.8	µg/mL	+/- 87.0392
19	Bromochloromethane	74-97-5 * S241017RSR	99%	2,517.3	µg/mL	+/- 86.9874
20	Tetrahydrofuran	109-99-9.SEC M5OKN	99%	5,035.8	µg/mL	+/- 174.0151
21	1,1,1-trichloroethane	71-55-6 * S241211RSR	99%	2,517.8	µg/mL	+/- 87.0047
22	Cyclohexane	110-82-7.SEC YADRA	99%	2,516.7	µg/mL	+/- 86.9644
23	1,1-Dichloropropene	563-58-6.SEC 1043300	99%	2,516.2	µg/mL	+/- 86.9471
24	Carbon tetrachloride	56-23-5.SEC 11466	99%	2,520.0	µg/mL	+/- 87.0795
25	n-Heptane (C7)	142-82-5.SEC TFHUC	99%	2,516.0	µg/mL	+/- 86.9413
26	1,2-Dichloroethane	107-06-2.SEC 00016165	99%	2,516.2	µg/mL	+/- 86.9471
27	Benzene	71-43-2.SEC 101960P29K	99%	2,518.7	µg/mL	+/- 87.0335
28	Trichloroethene	79-01-6.SEC H04X050	99%	2,520.0	µg/mL	+/- 87.0795
29	Methylcyclohexane	108-87-2.SEC 24MSD-CD	99%	2,519.5	µg/mL	+/- 87.0623
30	1,2-Dichloropropane	78-87-5.SEC ERRBI-RH	99%	2,520.0	µg/mL	+/- 87.0795
31	1,4-Dioxane	123-91-1.SEC QHRWO	99%	50,325.2	µg/mL	+/- 1,739.0025
32	Dibromomethane	74-95-3.SEC MOKKJ	99%	2,521.5	µg/mL	+/- 87.1314
33	cis-1,3-Dichloropropene	10061-01-5.SEC 187458	98%	2,517.0	µg/mL	+/- 86.9747
34	Toluene	108-88-3.SEC YND2B-BD	99%	2,518.3	µg/mL	+/- 87.0220
35	Ethyl methacrylate	97-63-2.SEC AQSPO	99%	2,517.7	µg/mL	+/- 86.9989
36	trans-1,3-Dichloropropene	10061-02-6.SEC DMSL	96%	2,511.7	µg/mL	+/- 86.7920
37	1,1,2-Trichloroethane	79-00-5.SEC 13547100	99%	2,516.5	µg/mL	+/- 86.9586
38	1,3-Dichloropropane	142-28-9.SEC IQCON	99%	2,516.2	µg/mL	+/- 86.9471
39	Tetrachloroethene	127-18-4.SEC F09W014	99%	2,515.0	µg/mL	+/- 86.9068
40	Dibromochloromethane	124-48-1.SEC 10234064	99%	2,514.5	µg/mL	+/- 86.8895
41	1,2-Dibromoethane (EDB)	106-93-4.SEC 050675P15E	99%	2,517.2	µg/mL	+/- 86.9816
42	Chlorobenzene	108-90-7.SEC 1161936	99%	2,516.2	µg/mL	+/- 86.9471
43	m-Xylene	108-38-3.SEC 7ZV6F	99%	1,258.7	µg/mL	+/- 43.4965
44	p-Xylene	106-42-3.SEC D6UOA	99%	1,257.0	µg/mL	+/- 43.4390
45	Ethylbenzene	100-41-4.SEC XO5UA	99%	2,517.8	µg/mL	+/- 87.0047
46	1,1,1,2-Tetrachloroethane	630-20-6.SEC 9366000	99%	2,516.7	µg/mL	+/- 86.9644
47	o-Xylene	95-47-6.SEC FGL01	99%	2,517.0	µg/mL	+/- 86.9759
48	Styrene	100-42-5.SEC OFIOL-IA	99%	2,514.2	µg/mL	+/- 86.8780
49	Isopropylbenzene (cumene)	98-82-8.SEC 7P24L	99%	2,516.0	µg/mL	+/- 86.9413
50	Bromoform	75-25-2.SEC 15425500	99%	2,510.3	µg/mL	+/- 86.7455
51	Bromodichloromethane	75-27-4.SEC 29264	98%	2,511.1	µg/mL	+/- 86.7715
52	1,1,2,2-Tetrachloroethane	79-34-5.SEC BCCB0724	99%	2,513.0	µg/mL	+/- 86.8377

53	1,2,3-Trichloropropane	96-18-4.SEC 6V2ED	99%	2,515.8	µg/mL	+/- 86.9356
54	trans-1,4-Dichloro-2-butene	110-57-6.SEC RD250430S	97%	2,514.6	µg/mL	+/- 86.8917
55	n-Propylbenzene	103-65-1.SEC T2HFC	99%	2,515.2	µg/mL	+/- 86.9125
56	Bromobenzene	108-86-1.SEC 8DKWJ	99%	2,517.0	µg/mL	+/- 86.9759
57	1,3,5-Trimethylbenzene	108-67-8.SEC TOOOF	99%	2,517.8	µg/mL	+/- 87.0047
58	2-Chlorotoluene	95-49-8.SEC BRHPM	99%	2,517.0	µg/mL	+/- 86.9759
59	4-Chlorotoluene	106-43-4.SEC P4XHJ-AO	99%	2,515.0	µg/mL	+/- 86.9068
60	tert-Butylbenzene	98-06-6.SEC OGN01	99%	2,515.7	µg/mL	+/- 86.9298
61	1,2,4-Trimethylbenzene	95-63-6.SEC JMIYD	99%	2,512.2	µg/mL	+/- 86.8089
62	sec-Butylbenzene	135-98-8.SEC O4HRF	99%	2,518.3	µg/mL	+/- 87.0220
63	4-Isopropyltoluene (p-cymene)	99-87-6.SEC 13889300	98%	2,515.7	µg/mL	+/- 86.9296
64	1,3-Dichlorobenzene	541-73-1.SEC ZA2ZI	99%	2,515.0	µg/mL	+/- 86.9068
65	1,4-Dichlorobenzene	106-46-7.SEC J5GVD	99%	2,519.7	µg/mL	+/- 87.0680
66	n-Butylbenzene	104-51-8.SEC SRMJD	99%	2,515.5	µg/mL	+/- 86.9240
67	1,2-Dichlorobenzene	95-50-1.SEC SIN2G	99%	2,513.7	µg/mL	+/- 86.8607
68	1,2-Dibromo-3-chloropropane	96-12-8.SEC Q135-105	99%	2,519.5	µg/mL	+/- 87.0623
69	1,2,4-Trichlorobenzene	120-82-1.SEC IGLFA	99%	2,516.0	µg/mL	+/- 86.9413
70	Hexachlorobutadiene	87-68-3.SEC 13889400	97%	2,514.9	µg/mL	+/- 86.9029
71	Naphthalene	91-20-3.SEC AM5NG	99%	2,516.5	µg/mL	+/- 86.9586
72	1,2,3-Trichlorobenzene	87-61-6.SEC A0043055	98%	2,516.5	µg/mL	+/- 86.9578

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

Mega Mix_00044

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

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Certificate of Analysis

chromatographic plus

MS 5/13/25 R2613 # 12576993

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

POLAR ADD_00032

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

MS 5/13/25

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2616 #12577046

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0222453

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,084.7 µg/mL	+/- 410.1824
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,510.0 µg/mL	+/- 41.0553
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCW6467	99%	2,510.7 µg/mL	+/- 41.0662
4	Propionitrile	107-12-0	BCCL0691	99%	25,085.3 µg/mL	+/- 410.1933
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,062.0 µg/mL	+/- 409.8118
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,500.7 µg/mL	+/- 40.9027

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Vinyl Acetate_00107

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

R2633

MS 6/19/25 #12688973

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0222118

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	5,004.5 µg/mL	+/- 172.9671

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

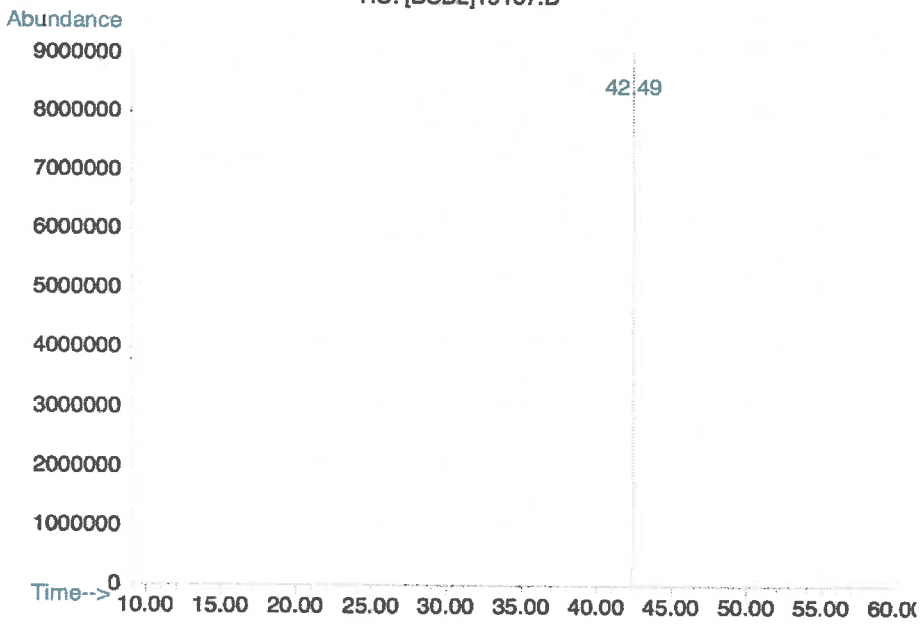
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	030822
Formulated By: Benson Chan	DATE
	030822
Reviewed By: Pedro L. Rentas	DATE

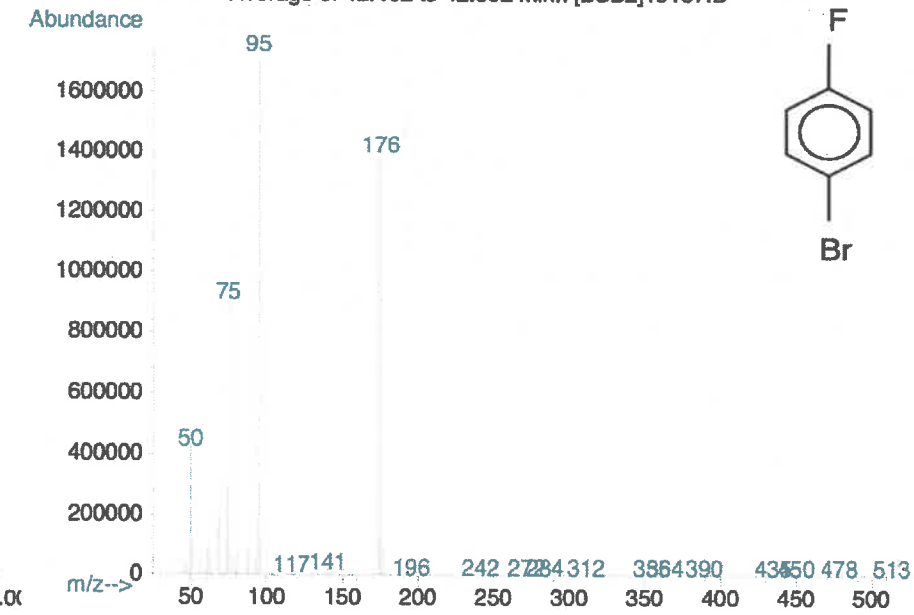
	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	orl-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.

TIC: [BSB2]19167.D



Average of 42.462 to 42.502 min.: [BSB2]19167.D



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-7_20251211	460-341362-1	104	109	107	95
MW-6_20251211	460-341362-2	104	112	106	95
MW-8_20251211	460-341362-3	106	113	107	96
DUP-1_20251211	460-341362-4	105	111	107	95
FB-1_20251211	460-341362-5	101	109	109	94
TB-1 Blank	460-341362-6	104	113	107	94
	MB 460-1080639/8	100	111	108	94
	LCS 460-1080639/4	102	109	107	99
	LCSD 460-1080639/5	100	106	108	98
MW-7_20251211 MS	460-341362-1 MS	100	107	106	95
MW-7_20251211 MSD	460-341362-1 MSD	101	107	106	99

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T695686.D

Lab ID: LCS 460-1080639/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.4	107	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.8	114	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.8	114	65-142	
1,1,2-Trichloroethane	20.0	22.6	113	74-125	
1,1-Dichloroethane	20.0	21.7	109	73-130	
1,1-Dichloroethene	20.0	21.9	109	68-133	
1,2,3-Trichlorobenzene	20.0	21.9	110	55-150	
1,2,4-Trichlorobenzene	20.0	20.4	102	67-132	
1,2,4-Trimethylbenzene	20.0	22.6	113	75-125	
1,2-Dibromo-3-Chloropropane	20.0	22.7	113	58-132	
1,2-Dichlorobenzene	20.0	22.3	111	80-120	
1,2-Dichloroethane	20.0	21.7	108	66-129	
1,2-Dichloropropane	20.0	20.9	105	72-128	
1,3,5-Trimethylbenzene	20.0	22.9	114	75-125	
1,3-Dichlorobenzene	20.0	22.0	110	80-120	
1,4-Dichlorobenzene	20.0	22.0	110	80-120	
2-Butanone (MEK)	100	119	119	65-142	
2-Hexanone	100	105	105	72-134	
4-Methyl-2-pentanone (MIBK)	100	111	111	77-130	
Acetone	100	103	103	60-133	
Benzene	20.0	22.7	114	71-126	
Bromoform	20.0	21.7	108	58-128	
Bromomethane	20.0	24.9	124	33-150	
Carbon disulfide	20.0	20.5	103	35-150	
Carbon tetrachloride	20.0	21.2	106	65-131	
Chlorobenzene	20.0	22.9	115	80-120	
Chlorobromomethane	20.0	22.8	114	71-134	
Chlorodibromomethane	20.0	21.8	109	73-121	
Chloroethane	20.0	20.2	101	54-150	
Chloroform	20.0	22.3	111	78-125	
Chloromethane	20.0	16.4	82	43-149	
cis-1,2-Dichloroethene	20.0	21.6	108	78-121	
cis-1,3-Dichloropropene	20.0	21.6	108	74-125	
Cyclohexane	20.0	22.9	114	64-142	
Dichlorobromomethane	20.0	21.1	105	76-121	
Dichlorodifluoromethane	20.0	11.9	59	38-144	
Ethylbenzene	20.0	22.7	113	78-120	
Ethylene Dibromide	20.0	22.4	112	79-126	
Isopropylbenzene	20.0	22.5	113	79-125	
Methyl acetate	40.0	45.9	115	50-147	
Methyl tert-butyl ether	20.0	20.0	100	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T695686.D

Lab ID: LCS 460-1080639/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	22.8	114	63-138	
Methylene Chloride	20.0	21.8	109	74-127	
m-Xylene & p-Xylene	20.0	22.1	110	78-120	
n-Butylbenzene	20.0	23.1	116	69-135	
N-Propylbenzene	20.0	23.0	115	68-129	
o-Xylene	20.0	22.2	111	78-120	
sec-Butylbenzene	20.0	23.0	115	77-129	
Styrene	20.0	22.3	111	82-127	
tert-Butylbenzene	20.0	22.5	112	78-120	
Tetrachloroethene	20.0	21.0	105	70-127	
Toluene	20.0	22.4	112	78-120	
trans-1,2-Dichloroethene	20.0	21.9	109	70-126	
trans-1,3-Dichloropropene	20.0	20.5	102	71-127	
Trichloroethene	20.0	21.3	107	73-121	
Trichlorofluoromethane	20.0	20.0	100	62-134	
Vinyl chloride	20.0	19.9	99	55-144	
Xylenes, Total	40.0	44.2	111	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T695687.D

Lab ID: LCSD 460-1080639/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.0	105	2	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.2	111	3	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.6	108	5	30	65-142	
1,1,2-Trichloroethane	20.0	22.1	111	2	30	74-125	
1,1-Dichloroethane	20.0	21.7	108	0	30	73-130	
1,1-Dichloroethene	20.0	21.8	109	0	30	68-133	
1,2,3-Trichlorobenzene	20.0	21.5	107	2	30	55-150	
1,2,4-Trichlorobenzene	20.0	20.7	103	1	30	67-132	
1,2,4-Trimethylbenzene	20.0	23.1	116	2	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	21.2	106	7	30	58-132	
1,2-Dichlorobenzene	20.0	22.4	112	0	30	80-120	
1,2-Dichloroethane	20.0	21.3	106	2	30	66-129	
1,2-Dichloropropane	20.0	20.8	104	1	30	72-128	
1,3,5-Trimethylbenzene	20.0	23.4	117	2	30	75-125	
1,3-Dichlorobenzene	20.0	22.1	111	0	30	80-120	
1,4-Dichlorobenzene	20.0	22.1	110	1	30	80-120	
2-Butanone (MEK)	100	116	116	3	30	65-142	
2-Hexanone	100	104	104	1	30	72-134	
4-Methyl-2-pentanone (MIBK)	100	112	112	1	30	77-130	
Acetone	100	99.4	99	3	30	60-133	
Benzene	20.0	22.9	115	1	30	71-126	
Bromoform	20.0	21.0	105	3	30	58-128	
Bromomethane	20.0	27.0	135	8	30	33-150	
Carbon disulfide	20.0	20.4	102	1	30	35-150	
Carbon tetrachloride	20.0	21.0	105	1	30	65-131	
Chlorobenzene	20.0	23.1	115	0	30	80-120	
Chlorobromomethane	20.0	22.2	111	3	30	71-134	
Chlorodibromomethane	20.0	21.5	108	1	30	73-121	
Chloroethane	20.0	20.8	104	3	30	54-150	
Chloroform	20.0	21.8	109	2	30	78-125	
Chloromethane	20.0	16.2	81	1	30	43-149	
cis-1,2-Dichloroethene	20.0	21.4	107	1	30	78-121	
cis-1,3-Dichloropropene	20.0	22.0	110	2	30	74-125	
Cyclohexane	20.0	22.2	111	3	30	64-142	
Dichlorobromomethane	20.0	21.0	105	1	30	76-121	
Dichlorodifluoromethane	20.0	11.3	57	5	30	38-144	
Ethylbenzene	20.0	22.8	114	0	30	78-120	
Ethylene Dibromide	20.0	22.1	111	1	30	79-126	
Isopropylbenzene	20.0	22.6	113	1	30	79-125	
Methyl acetate	40.0	43.4	109	6	30	50-147	
Methyl tert-butyl ether	20.0	20.2	101	1	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T695687.D

Lab ID: LCSD 460-1080639/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	21.6	108	5	30	63-138	
Methylene Chloride	20.0	21.4	107	2	30	74-127	
m-Xylene & p-Xylene	20.0	22.2	111	0	30	78-120	
n-Butylbenzene	20.0	23.6	118	2	30	69-135	
N-Propylbenzene	20.0	23.4	117	2	30	68-129	
o-Xylene	20.0	22.2	111	0	30	78-120	
sec-Butylbenzene	20.0	23.4	117	2	30	77-129	
Styrene	20.0	22.2	111	0	30	82-127	
tert-Butylbenzene	20.0	23.2	116	3	30	78-120	
Tetrachloroethene	20.0	21.1	105	0	30	70-127	
Toluene	20.0	22.7	114	1	30	78-120	
trans-1,2-Dichloroethene	20.0	21.7	109	1	30	70-126	
trans-1,3-Dichloropropene	20.0	20.7	104	1	30	71-127	
Trichloroethene	20.0	21.2	106	0	30	73-121	
Trichlorofluoromethane	20.0	19.5	97	3	30	62-134	
Vinyl chloride	20.0	19.4	97	2	30	55-144	
Xylenes, Total	40.0	44.3	111	0	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T695710.D

Lab ID: 460-341362-1 MS Client ID: MW-7_20251211 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	17.8	89	72-128	
1,1,2,2-Tetrachloroethane	20.0	0.20 U	19.1	95	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	14.4	72	65-142	
1,1,2-Trichloroethane	20.0	0.58 U	19.5	97	74-125	
1,1-Dichloroethane	20.0	1.0 U	19.1	95	73-130	
1,1-Dichloroethene	20.0	1.0 U	17.9	90	68-133	
1,2,3-Trichlorobenzene	20.0	1.0 U	17.5	88	55-150	
1,2,4-Trichlorobenzene	20.0	1.0 U	17.3	87	67-132	
1,2,4-Trimethylbenzene	20.0	1.0 U	20.9	105	75-125	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	18.4	92	58-132	
1,2-Dichlorobenzene	20.0	1.0 U	20.0	100	80-120	
1,2-Dichloroethane	20.0	0.30 U	19.2	96	66-129	
1,2-Dichloropropane	20.0	0.92 U	18.6	93	72-128	
1,3,5-Trimethylbenzene	20.0	1.0 U	20.4	102	75-125	
1,3-Dichlorobenzene	20.0	1.0 U	19.6	98	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	19.5	97	80-120	
2-Butanone (MEK)	100	5.0 U	115	115	65-142	
2-Hexanone	100	5.0 U	99.8	100	72-134	
4-Methyl-2-pentanone (MIBK)	100	5.0 U	108	108	77-130	
Acetone	100	5.0 U	99.9	100	60-133	
Benzene	20.0	0.45 U	19.8	99	71-126	
Bromoform	20.0	1.0 U	17.7	89	58-128	
Bromomethane	20.0	1.0 U	13.1	66	33-150	
Carbon disulfide	20.0	1.0 U	16.3	82	35-150	
Carbon tetrachloride	20.0	1.0 U	16.7	83	65-131	
Chlorobenzene	20.0	1.0 U	20.1	100	80-120	
Chlorobromomethane	20.0	1.0 U	20.4	102	71-134	
Chlorodibromomethane	20.0	0.78 U	18.3	91	73-121	
Chloroethane	20.0	1.0 U	18.0	90	54-150	
Chloroform	20.0	0.77 J	20.2	97	78-125	
Chloromethane	20.0	1.0 U	13.8	69	43-149	
cis-1,2-Dichloroethene	20.0	1.0 U	19.2	96	78-121	
cis-1,3-Dichloropropene	20.0	0.45 U	18.1	90	74-125	
Cyclohexane	20.0	1.0 U	15.1	76	64-142	
Dichlorobromomethane	20.0	0.98 U	18.0	90	76-121	
Dichlorodifluoromethane	20.0	1.0 U	9.58	48	38-144	
Ethylbenzene	20.0	1.0 U	20.2	101	78-120	
Ethylene Dibromide	20.0	1.0 U	19.8	99	79-126	
Isopropylbenzene	20.0	1.0 U	18.1	91	79-125	
Methyl acetate	40.0	5.0 U	38.9	97	50-147	
Methyl tert-butyl ether	20.0	1.0 U	16.8	84	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T695710.D

Lab ID: 460-341362-1 MS Client ID: MW-7_20251211 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	1.0 U	14.6	73	63-138	
Methylene Chloride	20.0	1.0 U	19.1	96	74-127	
m-Xylene & p-Xylene	20.0	1.0 U	20.7	104	78-120	
n-Butylbenzene	20.0	1.0 U	19.3	96	69-135	
N-Propylbenzene	20.0	1.0 U	19.6	98	68-129	
o-Xylene	20.0	1.0 U	19.6	98	78-120	
sec-Butylbenzene	20.0	1.0 U	19.6	98	77-129	
Styrene	20.0	1.0 U	18.8	94	82-127	
tert-Butylbenzene	20.0	1.0 U	19.7	98	78-120	
Tetrachloroethene	20.0	95	97.9	16	70-127	*
Toluene	20.0	1.0 U	19.5	97	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	18.7	94	70-126	
trans-1,3-Dichloropropene	20.0	0.45 U	17.3	86	71-127	
Trichloroethene	20.0	0.61	18.5	90	73-121	
Trichlorofluoromethane	20.0	1.0 U	17.3	87	62-134	
Vinyl chloride	20.0	1.0 U	17.1	85	55-144	
Xylenes, Total	40.0	2.0 U	40.3	101	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T695711.D

Lab ID: 460-341362-1 MSD Client ID: MW-7_20251211 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.9	99	11	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	21.7	109	13	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.7	83	15	30	65-142	
1,1,2-Trichloroethane	20.0	21.1	105	8	30	74-125	
1,1-Dichloroethane	20.0	20.9	105	9	30	73-130	
1,1-Dichloroethene	20.0	19.8	99	10	30	68-133	
1,2,3-Trichlorobenzene	20.0	19.5	98	11	30	55-150	
1,2,4-Trichlorobenzene	20.0	19.1	95	10	30	67-132	
1,2,4-Trimethylbenzene	20.0	22.5	113	8	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	20.7	103	12	30	58-132	
1,2-Dichlorobenzene	20.0	21.6	108	8	30	80-120	
1,2-Dichloroethane	20.0	20.8	104	8	30	66-129	
1,2-Dichloropropane	20.0	20.1	101	8	30	72-128	
1,3,5-Trimethylbenzene	20.0	22.2	111	9	30	75-125	
1,3-Dichlorobenzene	20.0	21.5	107	9	30	80-120	
1,4-Dichlorobenzene	20.0	21.1	106	8	30	80-120	
2-Butanone (MEK)	100	120	120	5	30	65-142	
2-Hexanone	100	106	106	6	30	72-134	
4-Methyl-2-pentanone (MIBK)	100	114	114	6	30	77-130	
Acetone	100	104	104	4	30	60-133	
Benzene	20.0	21.4	107	8	30	71-126	
Bromoform	20.0	19.3	97	9	30	58-128	
Bromomethane	20.0	20.8	104	46	30	33-150	*
Carbon disulfide	20.0	18.3	91	11	30	35-150	
Carbon tetrachloride	20.0	18.8	94	12	30	65-131	
Chlorobenzene	20.0	21.8	109	8	30	80-120	
Chlorobromomethane	20.0	21.8	109	7	30	71-134	
Chlorodibromomethane	20.0	20.2	101	10	30	73-121	
Chloroethane	20.0	15.0	75	19	30	54-150	
Chloroform	20.0	21.8	105	8	30	78-125	
Chloromethane	20.0	15.9	79	14	30	43-149	
cis-1,2-Dichloroethene	20.0	20.9	104	8	30	78-121	
cis-1,3-Dichloropropene	20.0	20.1	100	10	30	74-125	
Cyclohexane	20.0	17.7	88	16	30	64-142	
Dichlorobromomethane	20.0	19.8	99	9	30	76-121	
Dichlorodifluoromethane	20.0	11.0	55	14	30	38-144	
Ethylbenzene	20.0	21.6	108	7	30	78-120	
Ethylene Dibromide	20.0	21.5	107	8	30	79-126	
Isopropylbenzene	20.0	21.5	107	17	30	79-125	
Methyl acetate	40.0	41.5	104	7	30	50-147	
Methyl tert-butyl ether	20.0	18.7	94	11	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T695711.D

Lab ID: 460-341362-1 MSD Client ID: MW-7_20251211 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	16.8	84	14	30	63-138	
Methylene Chloride	20.0	20.6	103	7	30	74-127	
m-Xylene & p-Xylene	20.0	22.1	111	6	30	78-120	
n-Butylbenzene	20.0	21.4	107	10	30	69-135	
N-Propylbenzene	20.0	22.1	110	12	30	68-129	
o-Xylene	20.0	21.5	108	9	30	78-120	
sec-Butylbenzene	20.0	21.8	109	11	30	77-129	
Styrene	20.0	21.1	106	12	30	82-127	
tert-Butylbenzene	20.0	21.7	108	10	30	78-120	
Tetrachloroethene	20.0	101	33	3	30	70-127	*
Toluene	20.0	21.2	106	8	30	78-120	
trans-1,2-Dichloroethene	20.0	20.5	103	9	30	70-126	
trans-1,3-Dichloropropene	20.0	18.9	94	9	30	71-127	
Trichloroethene	20.0	20.6	100	11	30	73-121	
Trichlorofluoromethane	20.0	19.8	99	13	30	62-134	
Vinyl chloride	20.0	19.1	96	11	30	55-144	
Xylenes, Total	40.0	43.6	109	8	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Lab File ID: T695690.D Lab Sample ID: MB 460-1080639/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS15 Date Analyzed: 12/16/2025 08:29

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1080639/4	T695686.D	12/16/2025 06:56
	LCSD 460-1080639/5	T695687.D	12/16/2025 07:19
FB-1_20251211	460-341362-5	T695691.D	12/16/2025 08:52
TB-1 Blank	460-341362-6	T695692.D	12/16/2025 09:16
MW-7_20251211	460-341362-1	T695694.D	12/16/2025 10:02
MW-6_20251211	460-341362-2	T695695.D	12/16/2025 10:26
MW-8_20251211	460-341362-3	T695696.D	12/16/2025 10:49
DUP-1_20251211	460-341362-4	T695697.D	12/16/2025 11:12
MW-7_20251211 MS	460-341362-1 MS	T695710.D	12/16/2025 16:15
MW-7_20251211 MSD	460-341362-1 MSD	T695711.D	12/16/2025 16:39

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Lab File ID: T694798.D BFB Injection Date: 11/10/2025

Instrument ID: CVOAMS15 BFB Injection Time: 07:19

Analysis Batch No.: 1073610

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (118.7) 1
96	5 - 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.8 (1.0) 1
174	50 - 200% of m/z 95	84.3
175	5 - 9% of m/z 174	6.4 (7.5) 1
176	95 -105% of m/z 174	82.1 (97.5) 1
177	5 - 10% of m/z 176	5.2 (6.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD9 460-1073610/3	T694800.D	11/10/2025	8:05
	STD8 460-1073610/4	T694801.D	11/10/2025	8:28
	STD05 460-1073610/5	T694802.D	11/10/2025	8:51
	STD5 460-1073610/7	T694804.D	11/10/2025	9:38
	STD20 460-1073610/8	T694805.D	11/10/2025	10:01
	STD50 460-1073610/9	T694806.D	11/10/2025	10:25
	STD200 460-1073610/10	T694807.D	11/10/2025	10:48
	STD500 460-1073610/11	T694808.D	11/10/2025	11:12
	STD1 460-1073610/16	T694813.D	11/10/2025	13:08
	ICV 460-1073610/18	T694815.D	11/10/2025	14:18

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Sample No.: STD20 460-1073610/8 Date Analyzed: 11/10/2025 10:01

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T694805.D Heated Purge: (Y/N) N

Calibration ID: 103192

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		37816	2.96	271591	4.11	628777	5.36
UPPER LIMIT		75632	3.46	543182	4.61	1257554	5.86
LOWER LIMIT		18908	2.46	135796	3.61	314389	4.86
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1073610/18		40060	2.96	270500	4.11	576608	5.36

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Sample No.: STD20 460-1073610/8 Date Analyzed: 11/10/2025 10:01

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T694805.D Heated Purge: (Y/N) N

Calibration ID: 103192

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		26987	6.15	481185	9.42	253827	12.78
UPPER LIMIT		53974	6.65	962370	9.92	507654	13.28
LOWER LIMIT		13494	5.65	240593	8.92	126914	12.28
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1073610/18		27922	6.15	442956	9.42	233936	12.78

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Sample No.: CCVIS 460-1080639/3 Date Analyzed: 12/16/2025 06:32

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T695685.D Heated Purge: (Y/N) N

Calibration ID: 103192

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		42239	2.96	304245	4.11	830031	5.35
UPPER LIMIT		84478	3.46	608490	4.61	1660062	5.85
LOWER LIMIT		21120	2.46	152123	3.61	415016	4.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1080639/4		46923	2.96	343692	4.11	851132	5.35
LCSD 460-1080639/5		47379	2.96	354280	4.11	901929	5.35
MB 460-1080639/8		43365	2.96	348018	4.11	823935	5.35
460-341362-5	FB-1_20251211	43905	2.96	332907	4.11	811612	5.35
460-341362-6	TB-1 Blank	38939	2.96	292681	4.11	776531	5.35
460-341362-1	MW-7_20251211	34242	2.96	259764	4.11	736934	5.35
460-341362-2	MW-6_20251211	36631	2.96	279126	4.11	745512	5.35
460-341362-3	MW-8_20251211	37997	2.96	277247	4.11	730268	5.35
460-341362-4	DUP-1_20251211	37923	2.96	276906	4.11	722582	5.35
460-341362-1 MS	MW-7_20251211 MS	44255	2.96	331086	4.11	922668	5.35
460-341362-1 MSD	MW-7_20251211 MSD	47536	2.96	347514	4.11	934580	5.35

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Sample No.: CCVIS 460-1080639/3 Date Analyzed: 12/16/2025 06:32

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T695685.D Heated Purge: (Y/N) N

Calibration ID: 103192

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		34652	6.14	614329	9.42	329774	12.77
UPPER LIMIT		69304	6.64	1228658	9.92	659548	13.27
LOWER LIMIT		17326	5.64	307165	8.92	164887	12.27
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1080639/4		39388	6.15	631399	9.42	339831	12.77
LCSD 460-1080639/5		35979	6.15	657767	9.42	348171	12.77
MB 460-1080639/8		31905	6.15	593461	9.42	304870	12.77
460-341362-5	FB-1_20251211	32183	6.15	584826	9.42	298534	12.77
460-341362-6	TB-1 Blank	33426	6.15	578812	9.42	297056	12.78
460-341362-1	MW-7_20251211	28274	6.14	545116	9.42	279384	12.77
460-341362-2	MW-6_20251211	32111	6.14	551782	9.42	282796	12.77
460-341362-3	MW-8_20251211	31157	6.15	544914	9.42	282880	12.77
460-341362-4	DUP-1_20251211	30491	6.15	538742	9.42	281536	12.77
460-341362-1 MS	MW-7_20251211 MS	40152	6.15	684588	9.42	360646	12.77
460-341362-1 MSD	MW-7_20251211 MSD	40404	6.14	694417	9.42	367074	12.77

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-7_20251211 | Lab Sample ID: 460-341362-1

Matrix: Water | Lab File ID: T695694.D

Analysis Method: 8260D | Date Collected: 12/11/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 10:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.77	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-7_20251211 | Lab Sample ID: 460-341362-1

Matrix: Water | Lab File ID: T695694.D

Analysis Method: 8260D | Date Collected: 12/11/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 10:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	95		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.61		0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-7_20251211 | Lab Sample ID: 460-341362-1

Matrix: Water | Lab File ID: T695694.D

Analysis Method: 8260D | Date Collected: 12/11/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 10:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695694.D
Lims ID: 460-341362-A-1
Client ID: MW-7_20251211
Sample Type: Client
Inject. Date: 16-Dec-2025 10:02:53 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-1
Misc. Info.: 460-0200558-012
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Dec-2025 12:00:08 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1722

First Level Reviewer: XE5L Date: 17-Dec-2025 12:00:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.959	2.958	0.001	94	34242	1000.0	
* 42 2-Butanone-d5	46	4.107	4.107	0.000	46	259764	250.0	
43 cis-1,2-Dichloroethene	96	4.159	4.159	0.000	43	1392	0.2901	Ma
52 Chloroform	83	4.463	4.468	-0.005	83	6193	0.7714	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.636	0.000	95	195419	52.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	91	232496	54.7	
* 65 Fluorobenzene	96	5.349	5.349	0.000	98	736934	50.0	
67 Trichloroethene	95	5.758	5.758	0.000	76	2917	0.6085	
* 73 1,4-Dioxane-d8	96	6.141	6.141	0.000	1	28274	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	695037	53.5	
88 Tetrachloroethene	166	8.123	8.123	0.000	91	494440	94.8	
* 94 Chlorobenzene-d5	117	9.418	9.418	0.000	85	545116	50.0	
$ 105 4-Bromofluorobenzene	174	11.327	11.326	0.001	93	218276	47.6	
* 120 1,4-Dichlorobenzene-d4	152	12.774	12.774	0.000	96	279384	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

VOA6IS/SURR_00084 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 17-Dec-2025 12:00:08 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695694.D

Injection Date: 16-Dec-2025 10:02:53 Instrument ID: CVOAMS15

Lims ID: 460-341362-A-1 Lab Sample ID: 460-341362-1

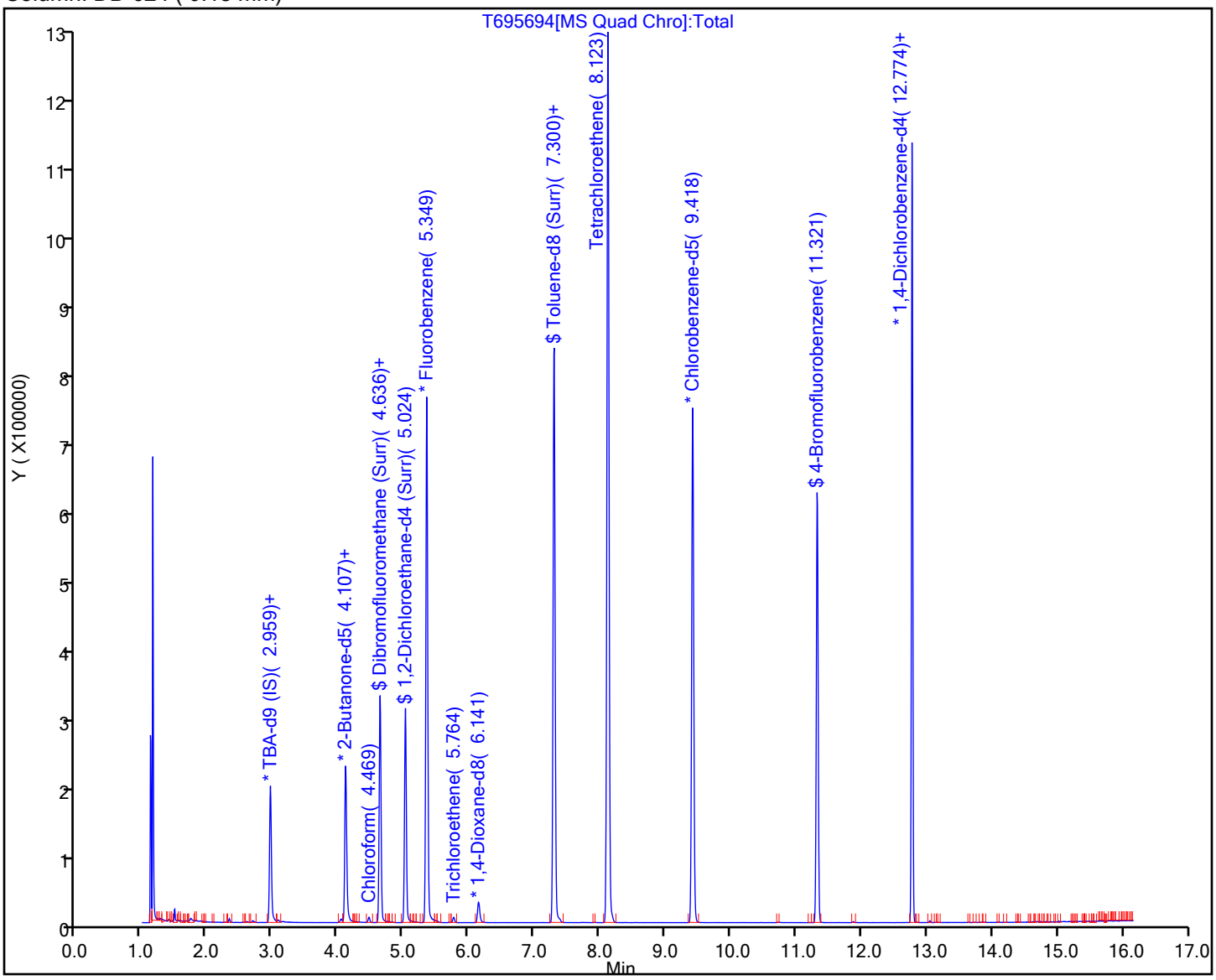
Client ID: MW-7_20251211

Operator ID: ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695694.D
Lims ID: 460-341362-A-1
Client ID: MW-7_20251211
Sample Type: Client
Inject. Date: 16-Dec-2025 10:02:53 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-1
Misc. Info.: 460-0200558-012
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Dec-2025 12:00:08 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1722

First Level Reviewer: XE5L Date: 17-Dec-2025 12:00:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	52.0	103.97
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	54.7	109.40
$ 83 Toluene-d8 (Surr)	50.0	53.5	106.93
$ 105 4-Bromofluorobenzene	50.0	47.6	95.23

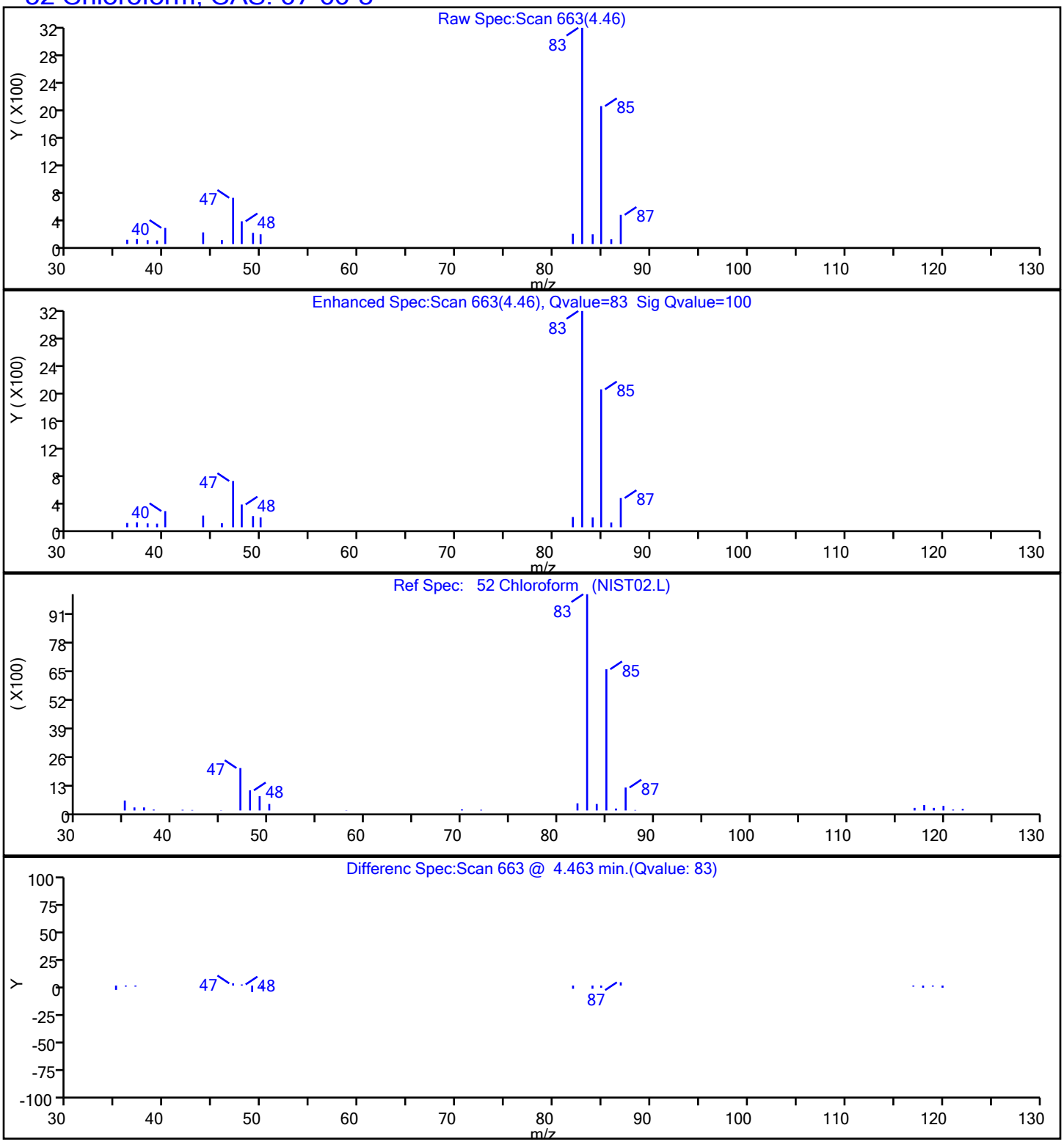
Report Date: 17-Dec-2025 12:00:09 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695694.D

Injection Date:	16-Dec-2025 10:02:53	Instrument ID:	CVOAMS15
Lims ID:	460-341362-A-1	Lab Sample ID:	460-341362-1
Client ID:	MW-7_20251211		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

52 Chloroform, CAS: 67-66-3



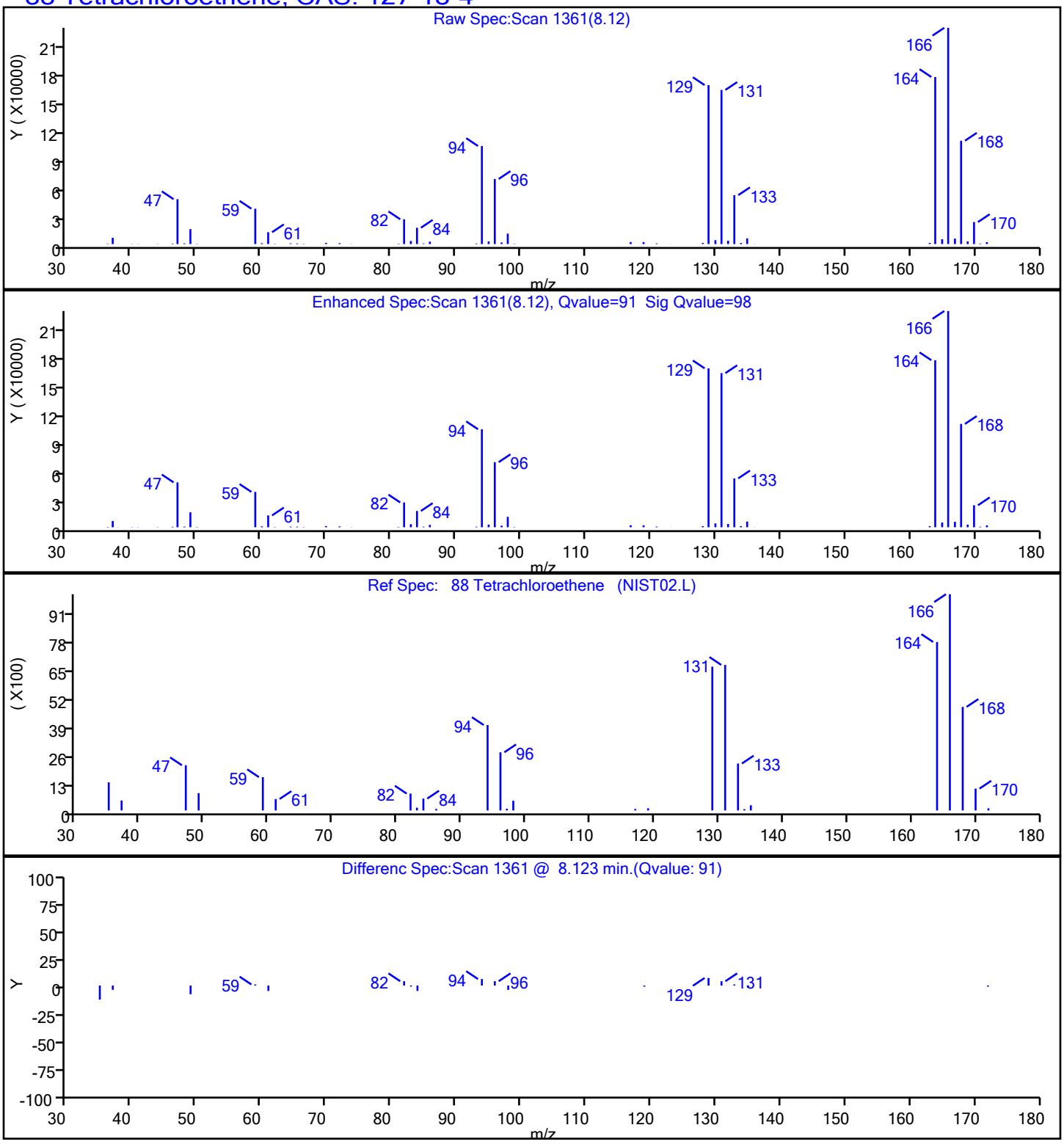
Report Date: 17-Dec-2025 12:00:09 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695694.D

Injection Date:	16-Dec-2025 10:02:53	Instrument ID:	CVOAMS15
Lims ID:	460-341362-A-1	Lab Sample ID:	460-341362-1
Client ID:	MW-7_20251211		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



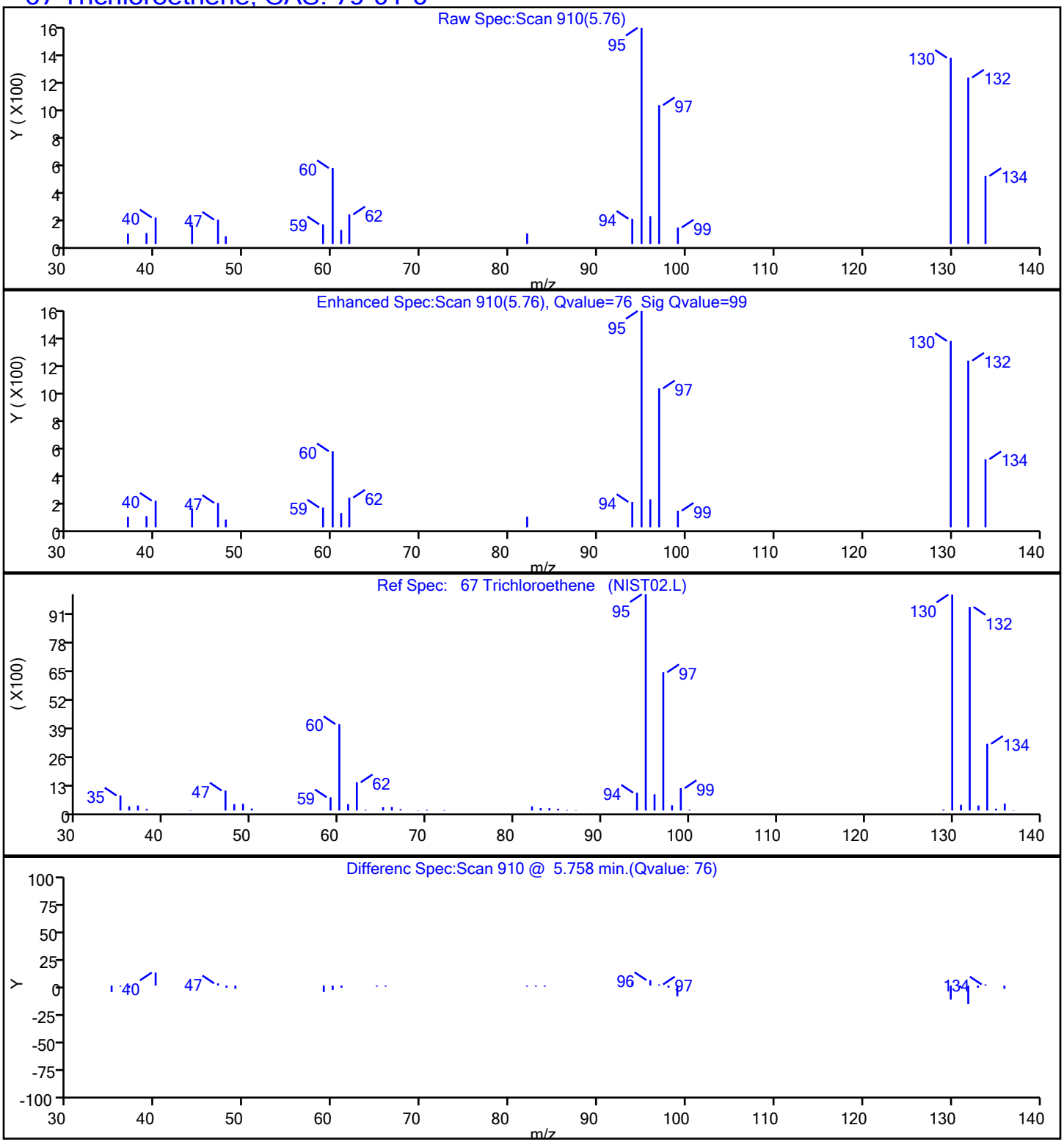
Report Date: 17-Dec-2025 12:00:09 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695694.D

Injection Date:	16-Dec-2025 10:02:53	Instrument ID:	CVOAMS15
Lims ID:	460-341362-A-1	Lab Sample ID:	460-341362-1
Client ID:	MW-7_20251211		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

67 Trichloroethene, CAS: 79-01-6



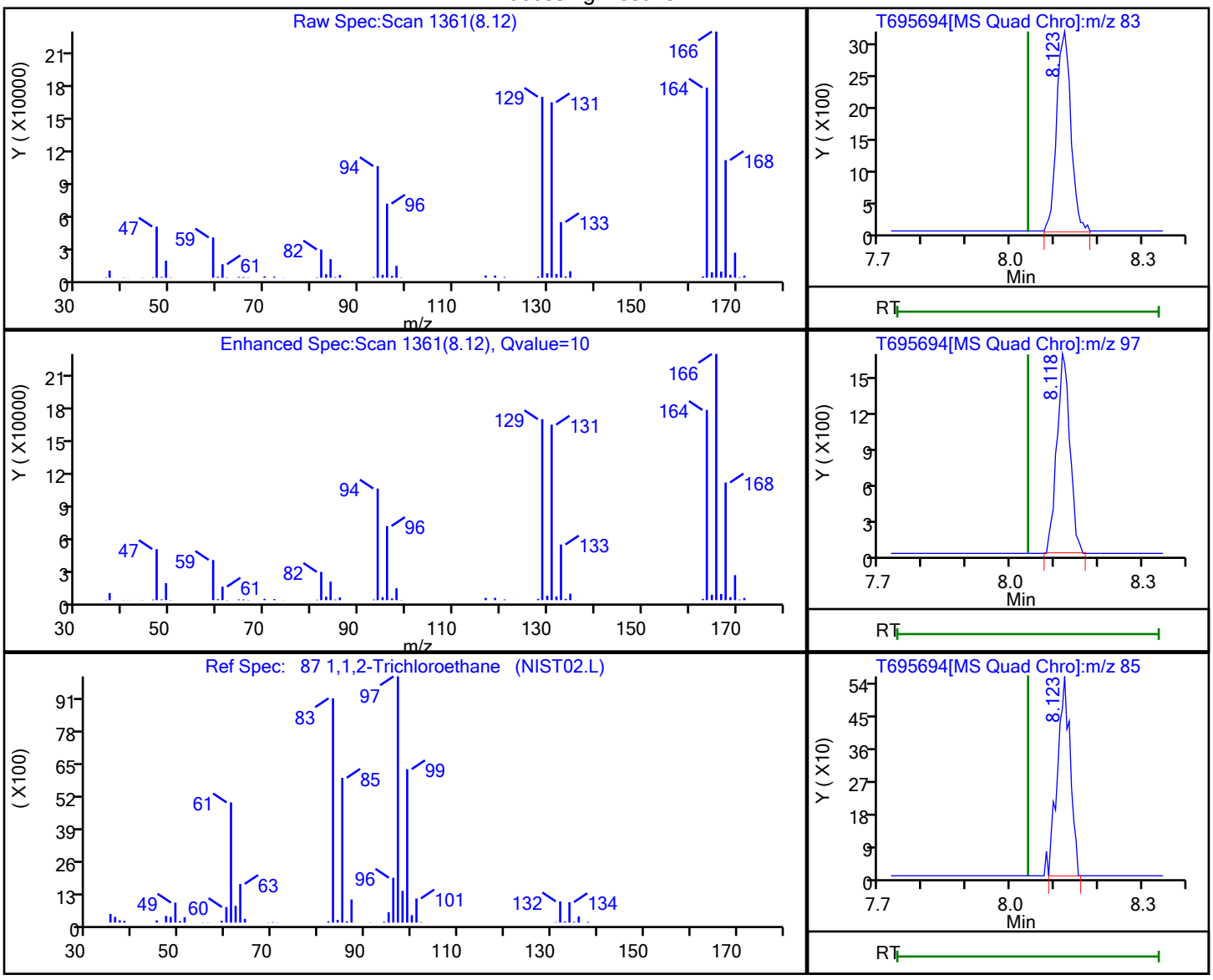
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695694.D				
Injection Date:	16-Dec-2025 10:02:53	Instrument ID:	CVOAMS15		
Lims ID:	460-341362-A-1	Lab Sample ID:	460-341362-1		
Client ID:	MW-7_20251211				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
8.12	83.00	7050	2.483796
8.12	97.00	3447	
8.12	85.00	1125	

Reviewer: FK2C, 16-Dec-2025 10:56:37 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

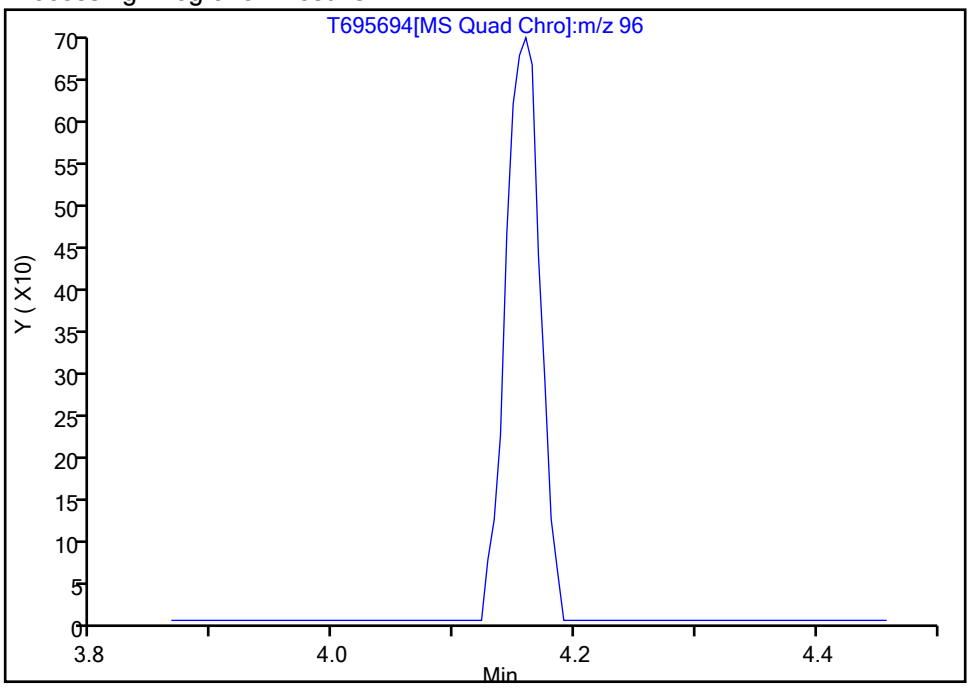
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695694.D				
Injection Date:	16-Dec-2025 10:02:53	Instrument ID:	CVOAMS15		
Lims ID:	460-341362-A-1	Lab Sample ID:	460-341362-1		
Client ID:	MW-7_20251211				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

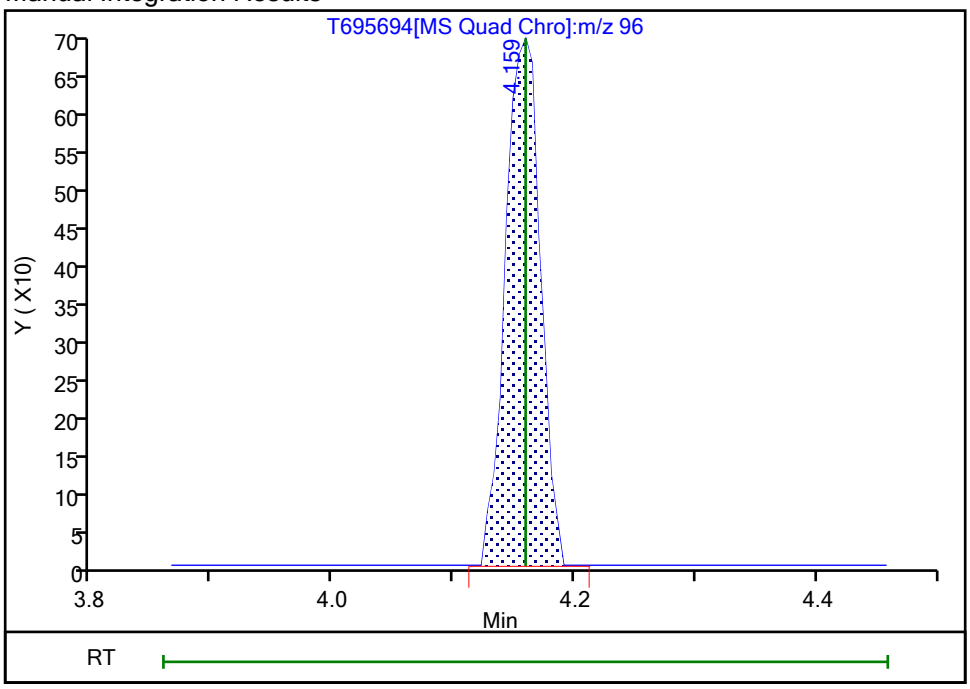
Not Detected
Expected RT: 4.16

Processing Integration Results



Manual Integration Results

RT: 4.16
Area: 1392
Amount: 0.290073
Amount Units: ug/l



Reviewer: XE5L, 17-Dec-2025 11:59:52 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

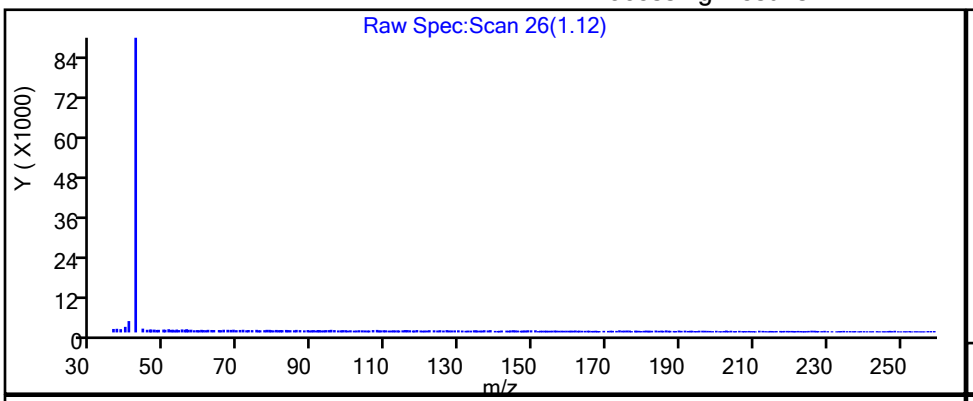
User Disabled Compound Report

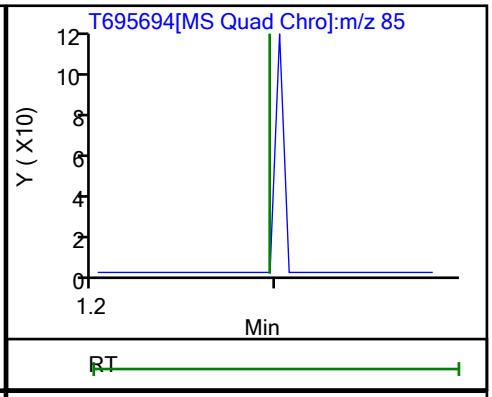
Eurofins Edison

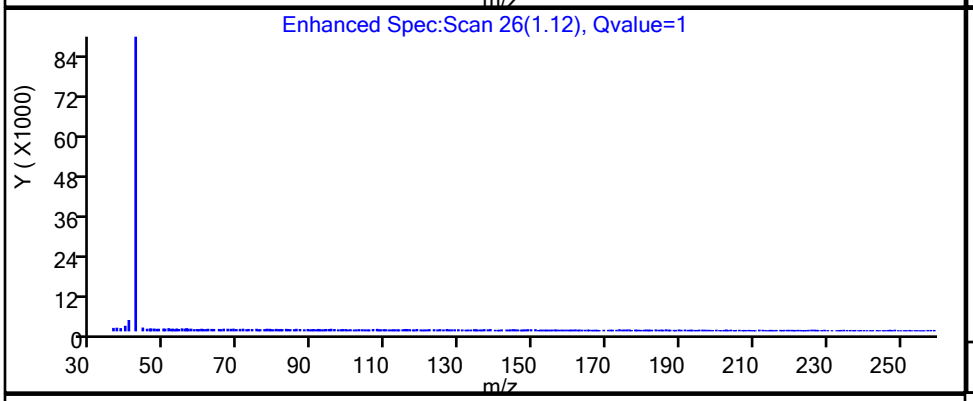
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695694.D				
Injection Date:	16-Dec-2025 10:02:53	Instrument ID:	CVOAMS15		
Lims ID:	460-341362-A-1	Lab Sample ID:	460-341362-1		
Client ID:	MW-7_20251211				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

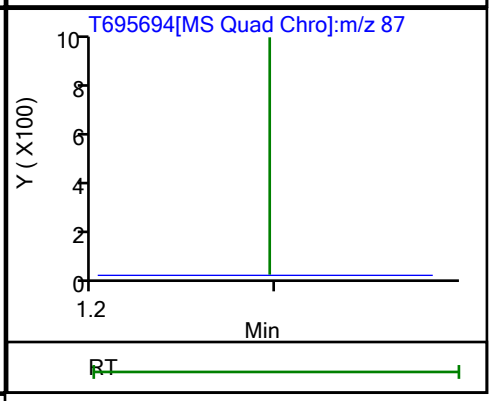
4 Dichlorodifluoromethane, CAS: 75-71-8

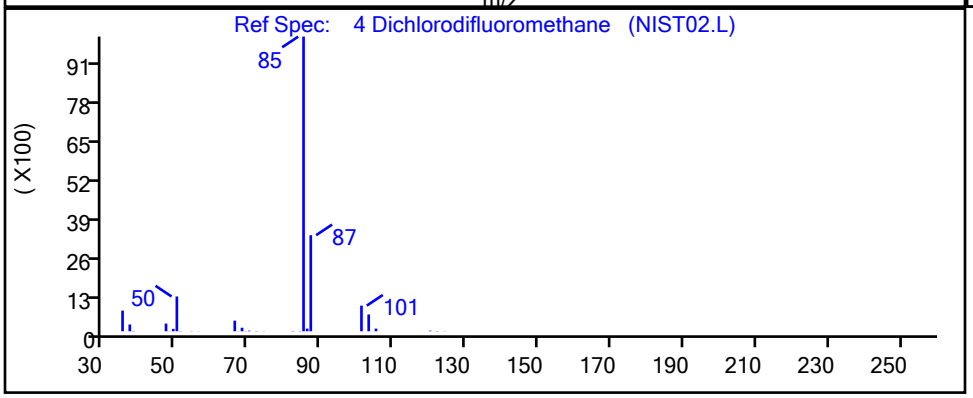
Processing Results











RT	Mass	Response	Amount
1.12	85.00	1023	0.716249
1.12	87.00	165	

Reviewer: FK2C, 16-Dec-2025 10:56:24 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

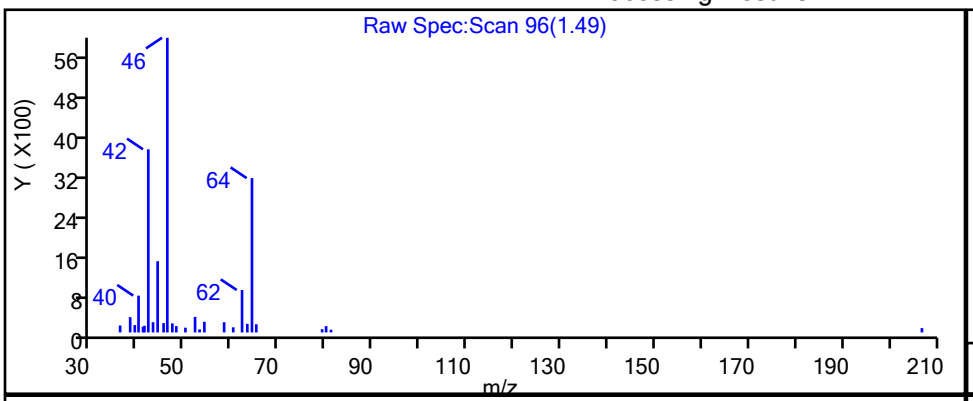
User Disabled Compound Report

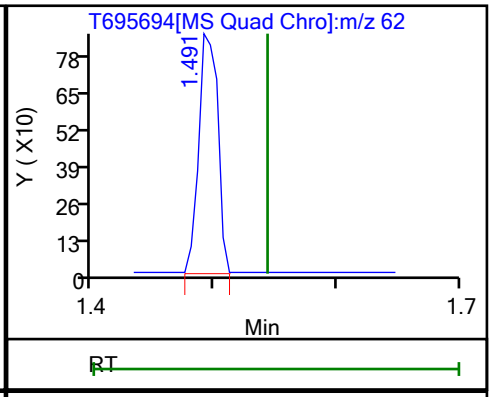
Eurofins Edison

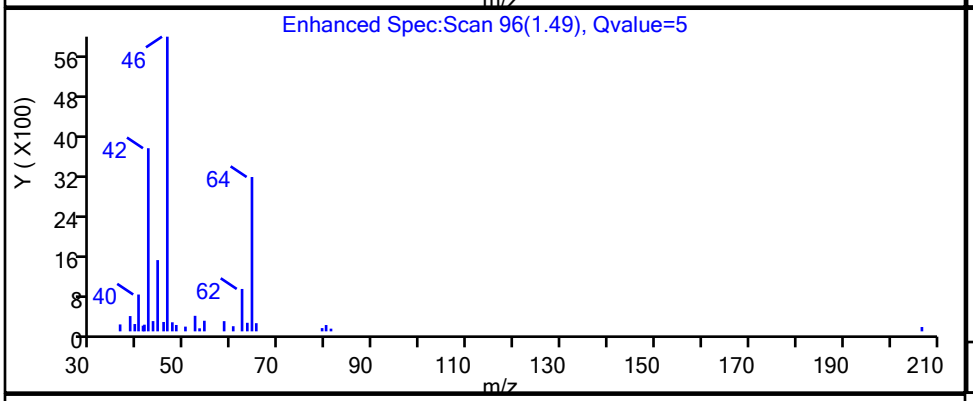
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695694.D				
Injection Date:	16-Dec-2025 10:02:53	Instrument ID:	CVOAMS15		
Lims ID:	460-341362-A-1	Lab Sample ID:	460-341362-1		
Client ID:	MW-7_20251211				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

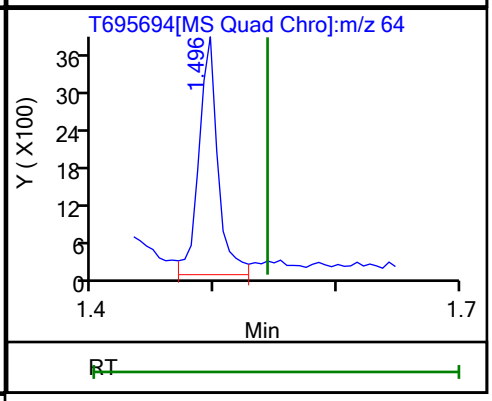
7 Vinyl chloride, CAS: 75-01-4

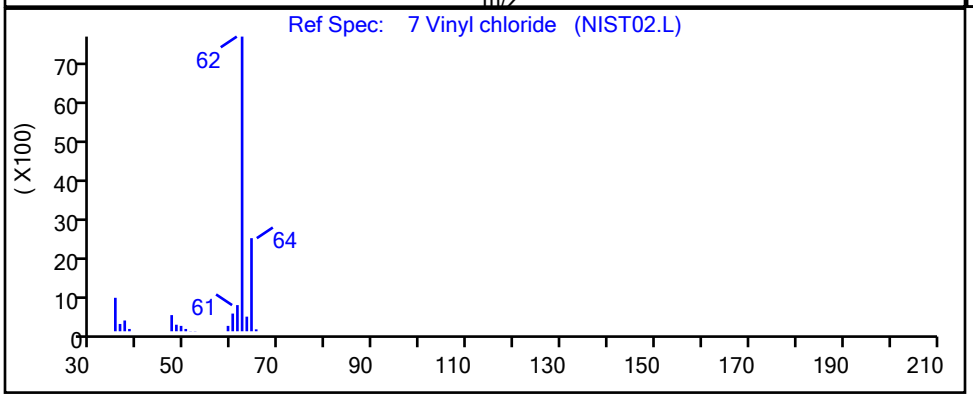
Processing Results











RT	Mass	Response	Amount
1.49	62.00	923	0.320155
1.50	64.00	4172	

Reviewer: FK2C, 16-Dec-2025 10:56:23 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-6_20251211 | Lab Sample ID: 460-341362-2

Matrix: Water | Lab File ID: T695695.D

Analysis Method: 8260D | Date Collected: 12/11/2025 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 10:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.65	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-6_20251211 | Lab Sample ID: 460-341362-2

Matrix: Water | Lab File ID: T695695.D

Analysis Method: 8260D | Date Collected: 12/11/2025 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 10:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	76		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.45		0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-6_20251211 | Lab Sample ID: 460-341362-2

Matrix: Water | Lab File ID: T695695.D

Analysis Method: 8260D | Date Collected: 12/11/2025 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 10:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695695.D
Lims ID: 460-341362-A-2
Client ID: MW-6_20251211
Sample Type: Client
Inject. Date: 16-Dec-2025 10:26:06 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-2
Misc. Info.: 460-0200558-013
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Dec-2025 06:38:35 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1722

First Level Reviewer: FK2C Date: 16-Dec-2025 10:57:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.959	2.958	0.001	94	36631	1000.0	
* 42 2-Butanone-d5	46	4.107	4.107	0.000	46	279126	250.0	
52 Chloroform	83	4.463	4.468	-0.005	80	5306	0.6533	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.636	0.000	96	197747	52.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	90	239823	55.8	
* 65 Fluorobenzene	96	5.350	5.349	0.001	99	745512	50.0	
67 Trichloroethene	95	5.758	5.758	0.000	80	2200	0.4536	
* 73 1,4-Dioxane-d8	96	6.141	6.141	0.000	1	32111	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	699476	53.2	
88 Tetrachloroethene	166	8.123	8.123	0.000	91	403957	76.5	
* 94 Chlorobenzene-d5	117	9.418	9.418	0.000	85	551782	50.0	
$ 105 4-Bromofluorobenzene	174	11.327	11.326	0.001	92	220212	47.5	
* 120 1,4-Dichlorobenzene-d4	152	12.774	12.774	0.000	95	282796	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00084 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 17-Dec-2025 11:55:06 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695695.D

Injection Date: 16-Dec-2025 10:26:06 Instrument ID: CVOAMS15

Lims ID: 460-341362-A-2 Lab Sample ID: 460-341362-2

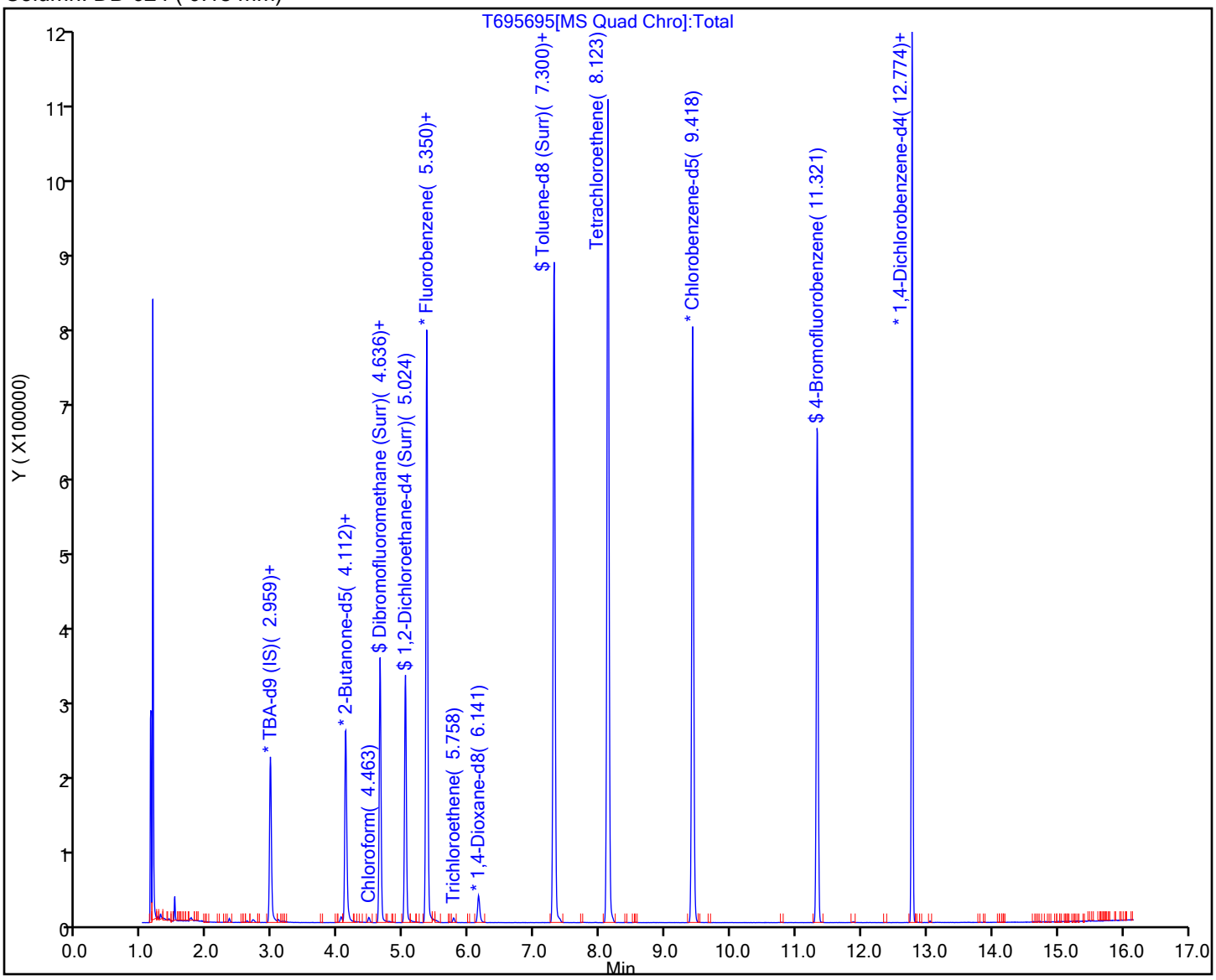
Client ID: MW-6_20251211

Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 17-Dec-2025 11:55:06 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695695.D
Lims ID: 460-341362-A-2
Client ID: MW-6_20251211
Sample Type: Client
Inject. Date: 16-Dec-2025 10:26:06 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-2
Misc. Info.: 460-0200558-013
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Dec-2025 06:38:35 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1722

First Level Reviewer: FK2C Date: 16-Dec-2025 10:57:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	52.0	104.00
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.8	111.54
$ 83 Toluene-d8 (Surr)	50.0	53.2	106.31
$ 105 4-Bromofluorobenzene	50.0	47.5	94.92

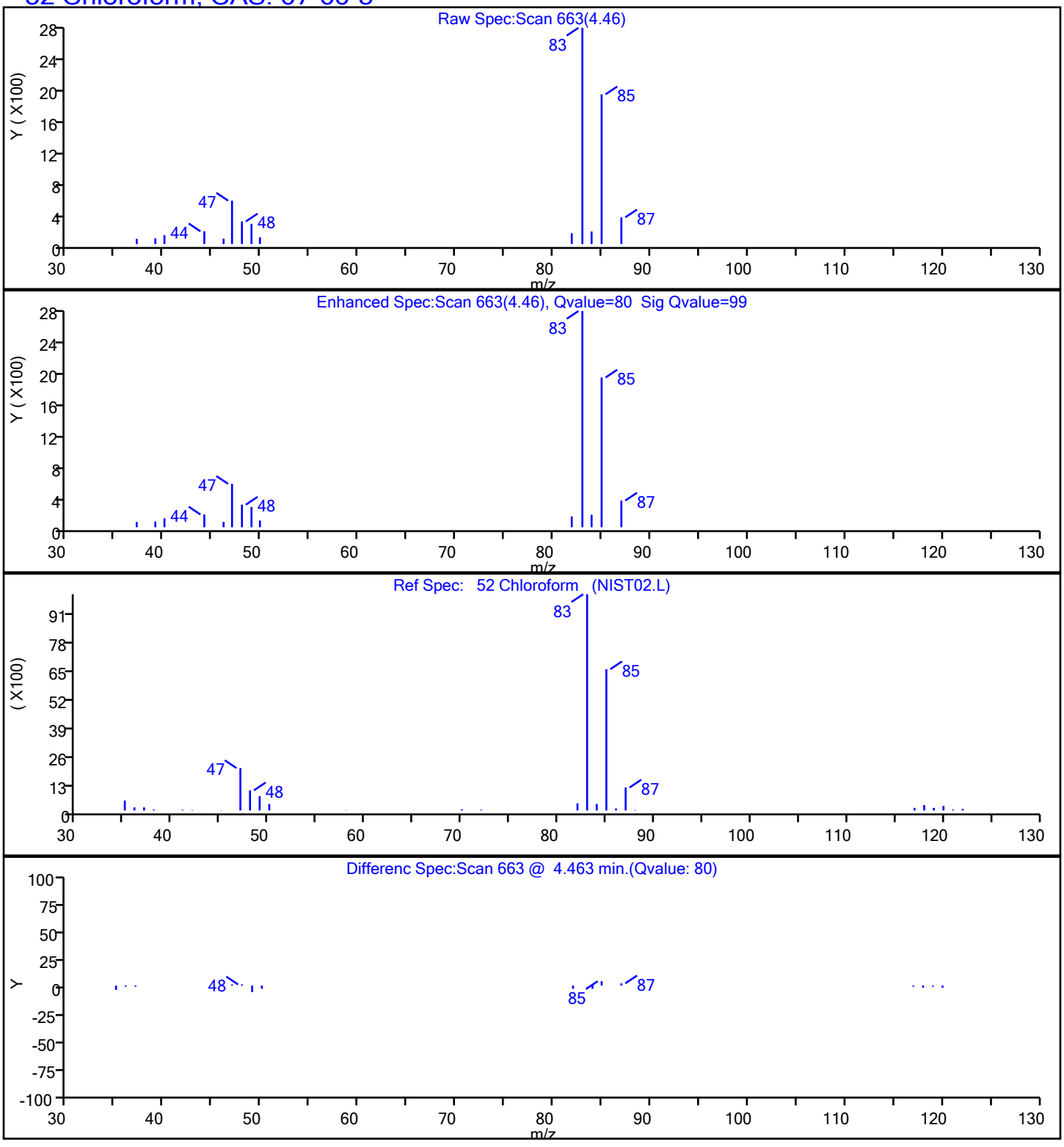
Report Date: 17-Dec-2025 11:55:06 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695695.D

Injection Date:	16-Dec-2025 10:26:06	Instrument ID:	CVOAMS15
Lims ID:	460-341362-A-2	Lab Sample ID:	460-341362-2
Client ID:	MW-6_20251211		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

52 Chloroform, CAS: 67-66-3



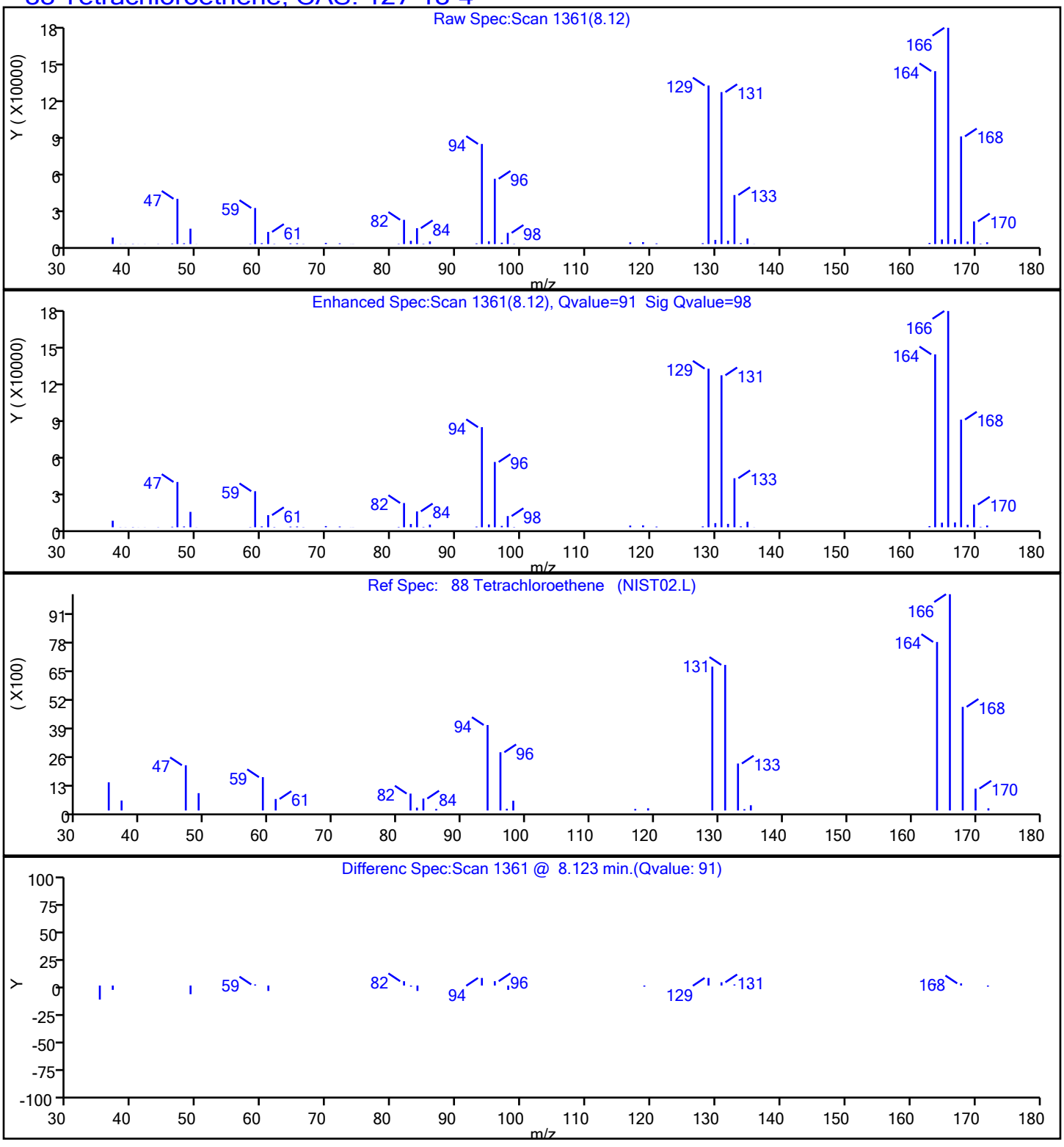
Report Date: 17-Dec-2025 11:55:06 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695695.D

Injection Date:	16-Dec-2025 10:26:06	Instrument ID:	CVOAMS15
Lims ID:	460-341362-A-2	Lab Sample ID:	460-341362-2
Client ID:	MW-6_20251211		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



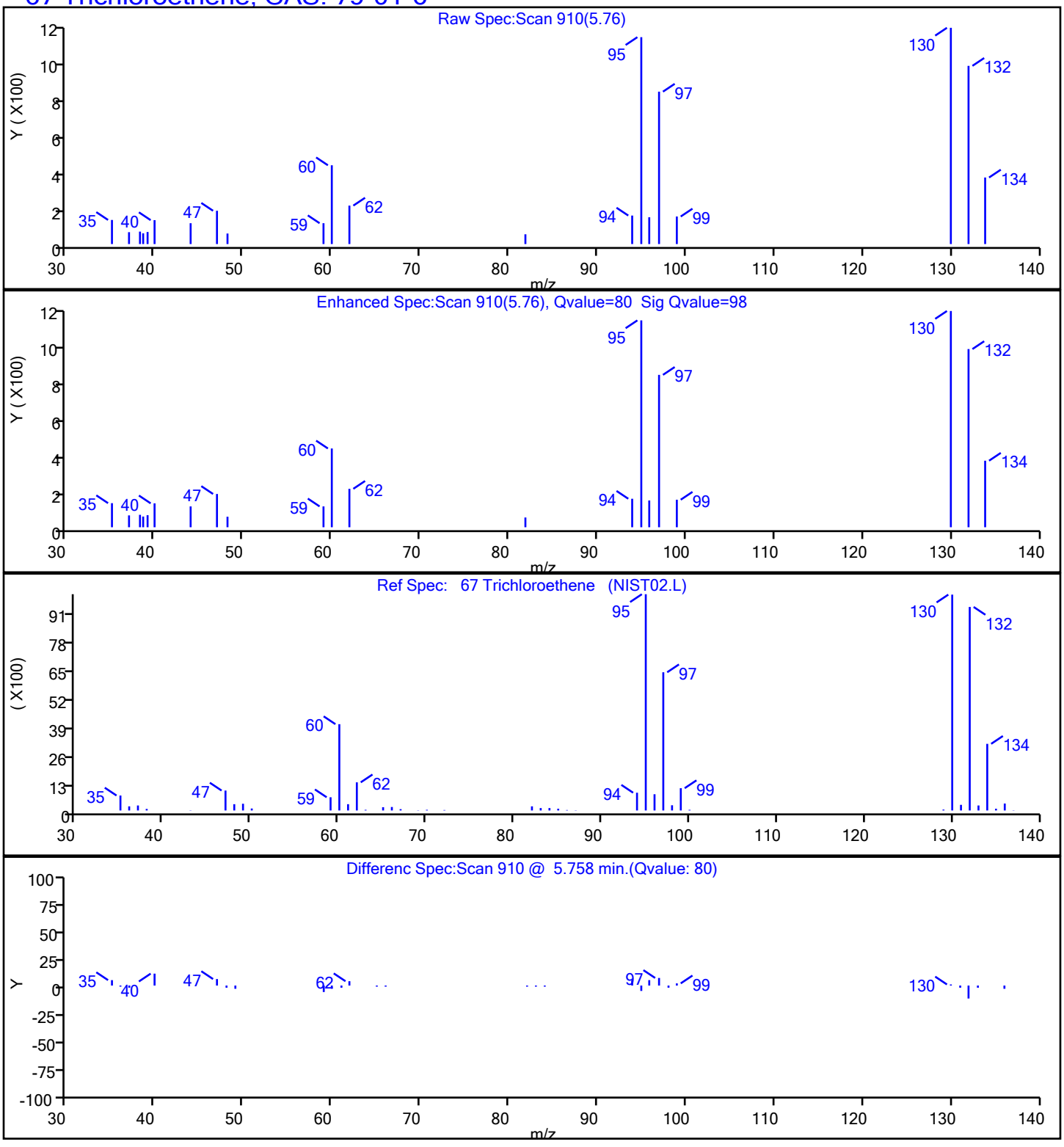
Report Date: 17-Dec-2025 11:55:06 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695695.D

Injection Date:	16-Dec-2025 10:26:06	Instrument ID:	CVOAMS15
Lims ID:	460-341362-A-2	Lab Sample ID:	460-341362-2
Client ID:	MW-6_20251211		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

67 Trichloroethene, CAS: 79-01-6



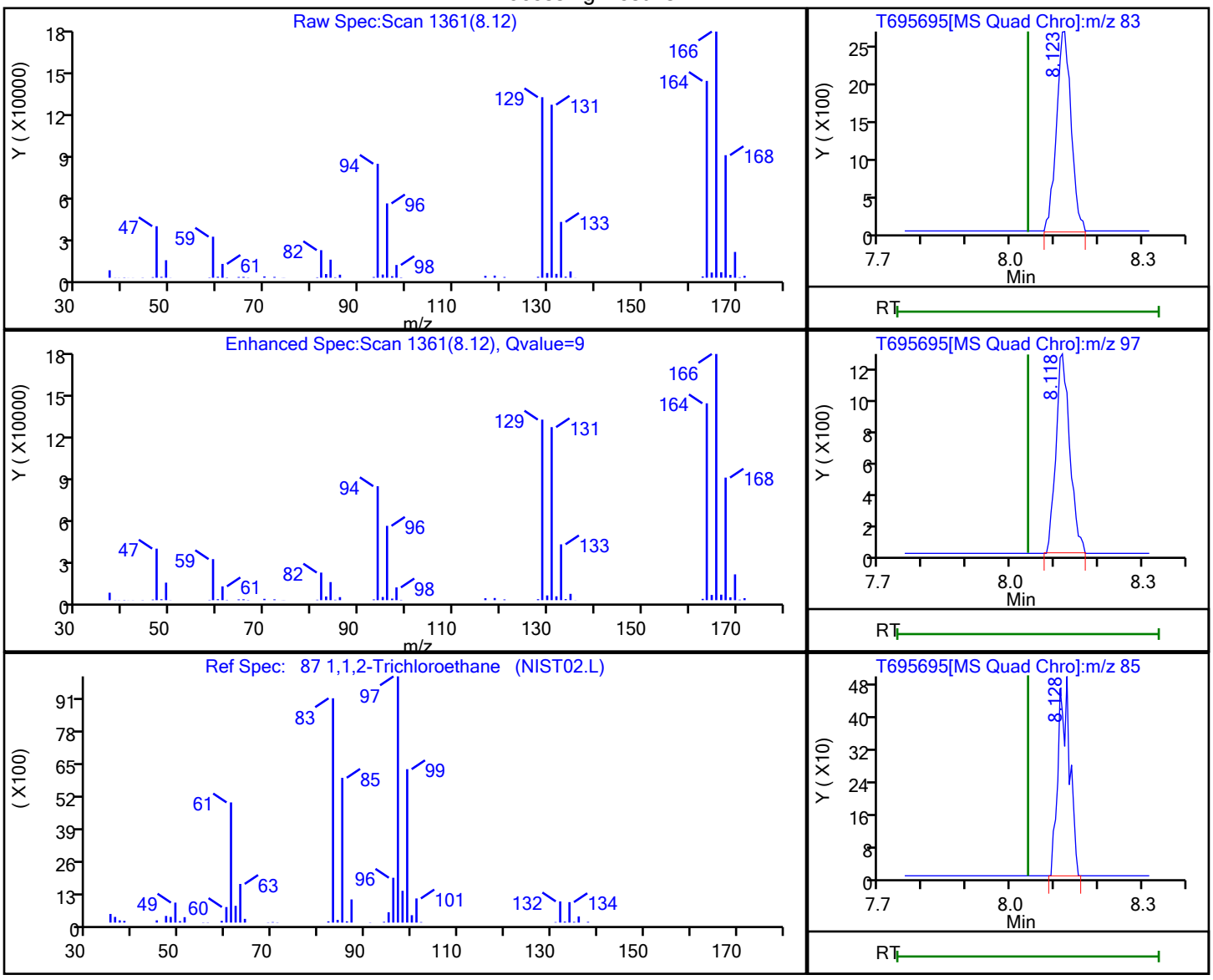
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695695.D				
Injection Date:	16-Dec-2025 10:26:06	Instrument ID:	CVOAMS15		
Lims ID:	460-341362-A-2	Lab Sample ID:	460-341362-2		
Client ID:	MW-6_20251211				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
8.12	83.00	6211	2.161771
8.12	97.00	2878	
8.13	85.00	905	

Reviewer: FK2C, 16-Dec-2025 10:57:07 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

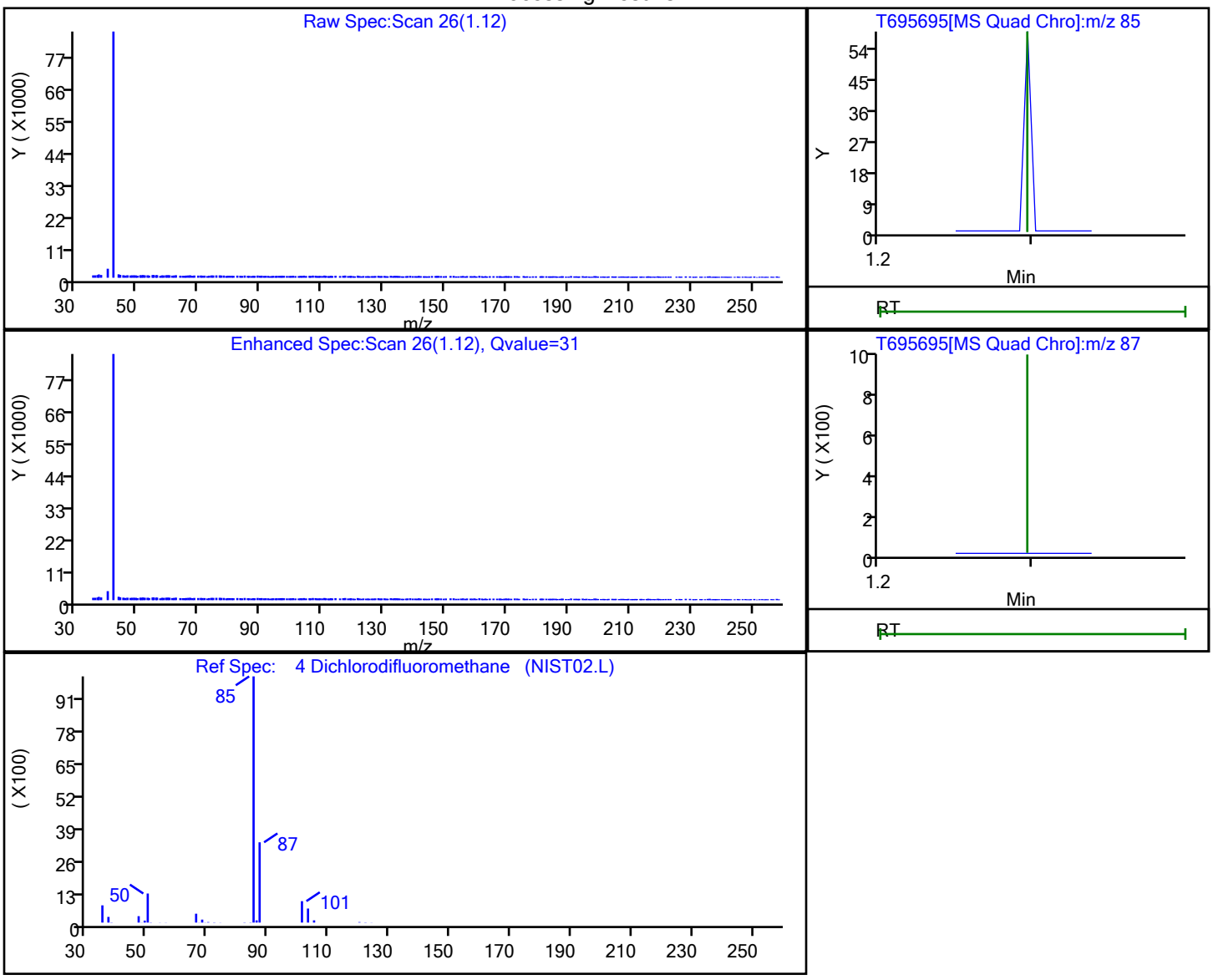
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695695.D				
Injection Date:	16-Dec-2025 10:26:06	Instrument ID:	CVOAMS15		
Lims ID:	460-341362-A-2	Lab Sample ID:	460-341362-2		
Client ID:	MW-6_20251211				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.12	85.00	622	0.642109
1.12	87.00	1176	

Reviewer: FK2C, 16-Dec-2025 10:57:00 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

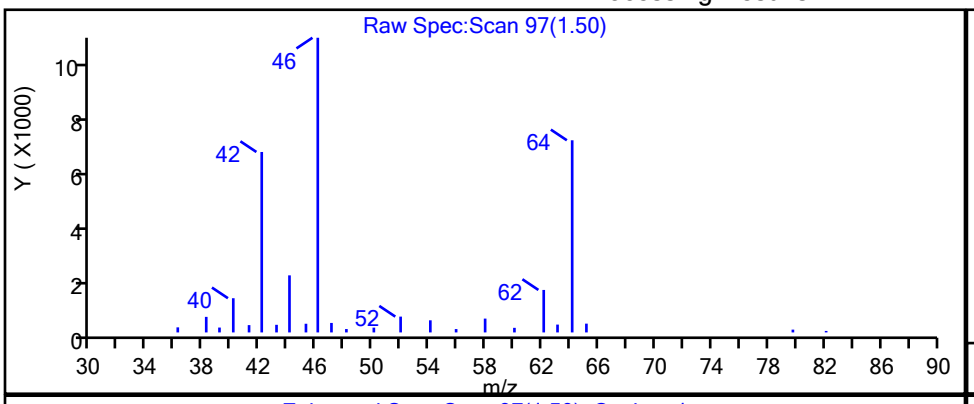
User Disabled Compound Report

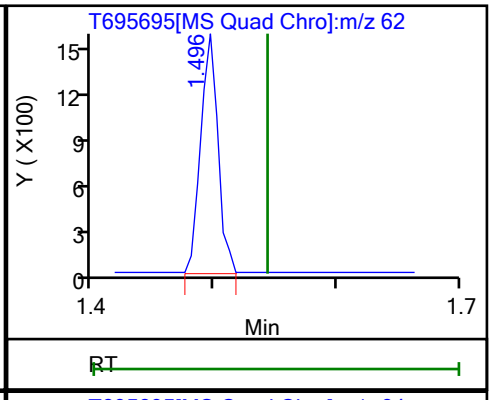
Eurofins Edison

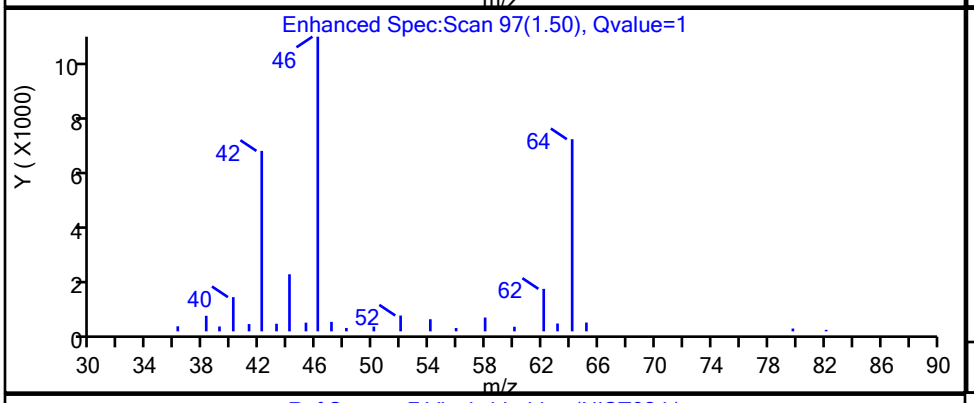
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695695.D				
Injection Date:	16-Dec-2025 10:26:06	Instrument ID:	CVOAMS15		
Lims ID:	460-341362-A-2	Lab Sample ID:	460-341362-2		
Client ID:	MW-6_20251211				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

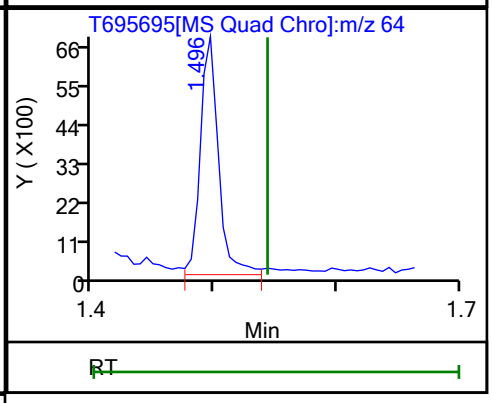
7 Vinyl chloride, CAS: 75-01-4

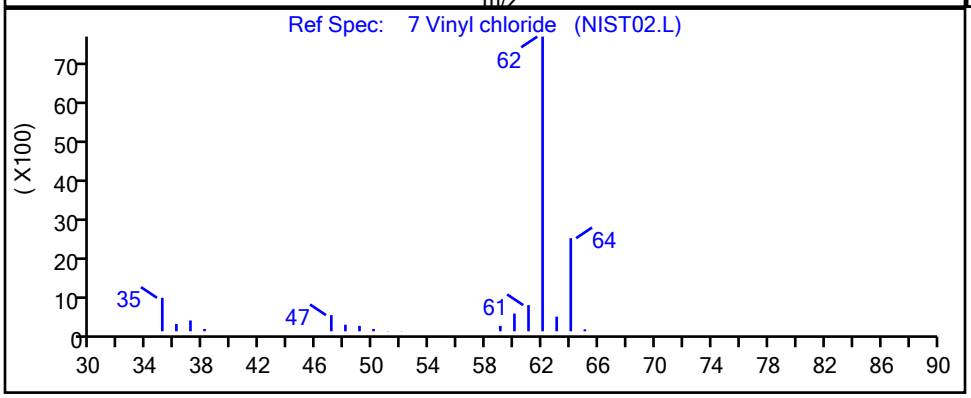
Processing Results











RT	Mass	Response	Amount
1.50	62.00	1490	0.510880
1.50	64.00	7202	

Reviewer: FK2C, 16-Dec-2025 10:57:01 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-8_20251211 | Lab Sample ID: 460-341362-3

Matrix: Water | Lab File ID: T695696.D

Analysis Method: 8260D | Date Collected: 12/11/2025 13:05

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 10:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-8_20251211 | Lab Sample ID: 460-341362-3

Matrix: Water | Lab File ID: T695696.D

Analysis Method: 8260D | Date Collected: 12/11/2025 13:05

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 10:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	2.4		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-8_20251211 | Lab Sample ID: 460-341362-3

Matrix: Water | Lab File ID: T695696.D

Analysis Method: 8260D | Date Collected: 12/11/2025 13:05

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 10:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695696.D
Lims ID: 460-341362-A-3
Client ID: MW-8_20251211
Sample Type: Client
Inject. Date: 16-Dec-2025 10:49:20 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-3
Misc. Info.: 460-0200558-014
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Dec-2025 06:38:35 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1722

First Level Reviewer: FK2C Date: 16-Dec-2025 11:41:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.959	2.958	0.001	94	37997	1000.0	
* 42 2-Butanone-d5	46	4.107	4.107	0.000	46	277247	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.636	0.000	96	197145	52.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	90	237311	56.3	
* 65 Fluorobenzene	96	5.350	5.349	0.001	98	730268	50.0	
* 73 1,4-Dioxane-d8	96	6.147	6.141	0.005	1	31157	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.295	7.300	-0.005	98	695433	53.5	
88 Tetrachloroethene	166	8.123	8.123	0.000	89	12446	2.39	
* 94 Chlorobenzene-d5	117	9.418	9.418	0.000	84	544914	50.0	
$ 105 4-Bromofluorobenzene	174	11.327	11.326	0.001	92	218928	47.8	
* 120 1,4-Dichlorobenzene-d4	152	12.774	12.774	0.000	95	282880	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00084 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 17-Dec-2025 11:55:31 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695696.D

Injection Date: 16-Dec-2025 10:49:20 Instrument ID: CVOAMS15

Lims ID: 460-341362-A-3 Lab Sample ID: 460-341362-3

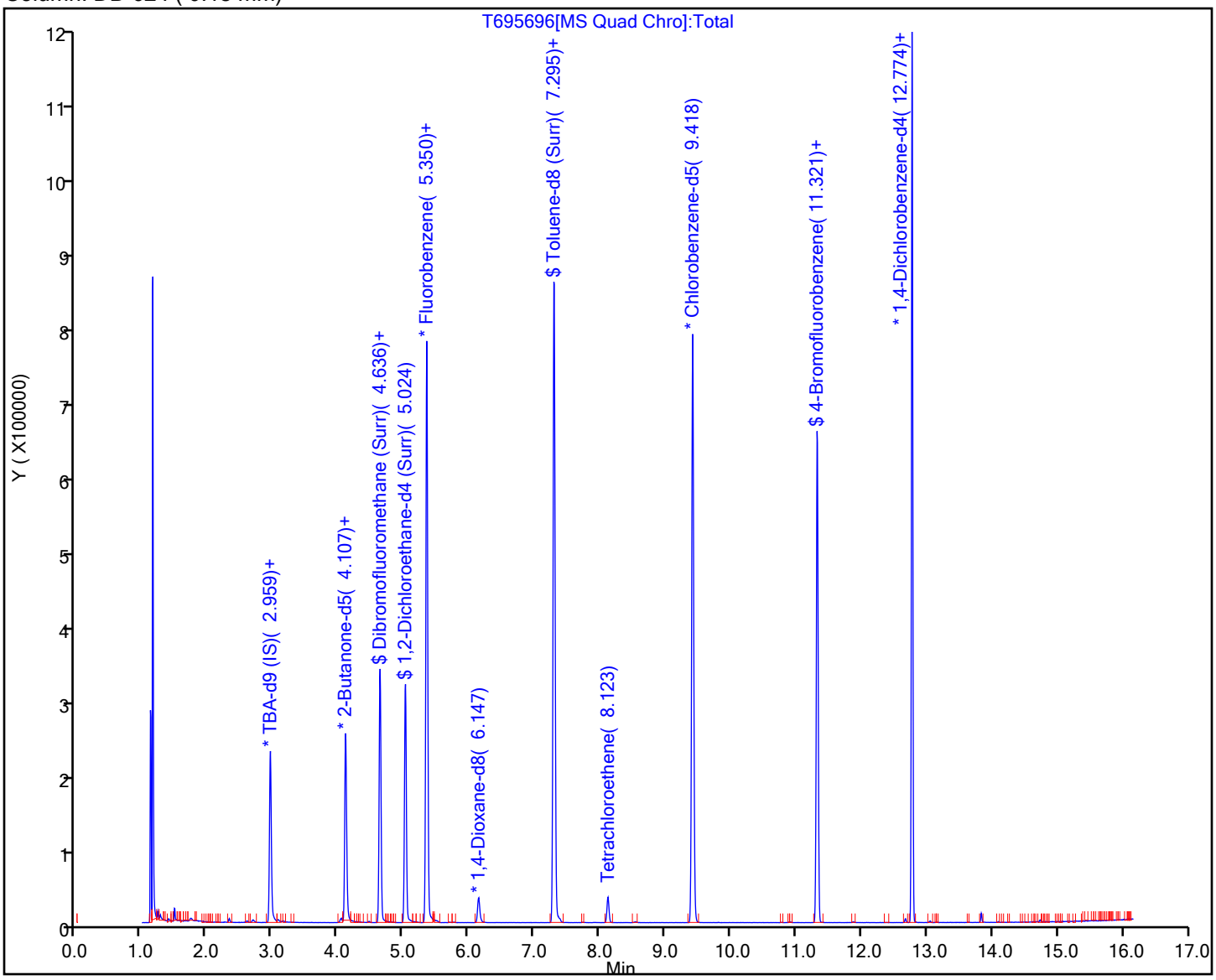
Client ID: MW-8_20251211

Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 17-Dec-2025 11:55:31 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695696.D
Lims ID: 460-341362-A-3
Client ID: MW-8_20251211
Sample Type: Client
Inject. Date: 16-Dec-2025 10:49:20 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-3
Misc. Info.: 460-0200558-014
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Dec-2025 06:38:35 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1722

First Level Reviewer: FK2C Date: 16-Dec-2025 11:41:51

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	52.9	105.85
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	56.3	112.68
$ 83 Toluene-d8 (Surr)	50.0	53.5	107.03
$ 105 4-Bromofluorobenzene	50.0	47.8	95.55

Report Date: 17-Dec-2025 11:55:32 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695696.D

Injection Date: 16-Dec-2025 10:49:20 Instrument ID: CVOAMS15

Lims ID: 460-341362-A-3 Lab Sample ID: 460-341362-3

Client ID: MW-8_20251211

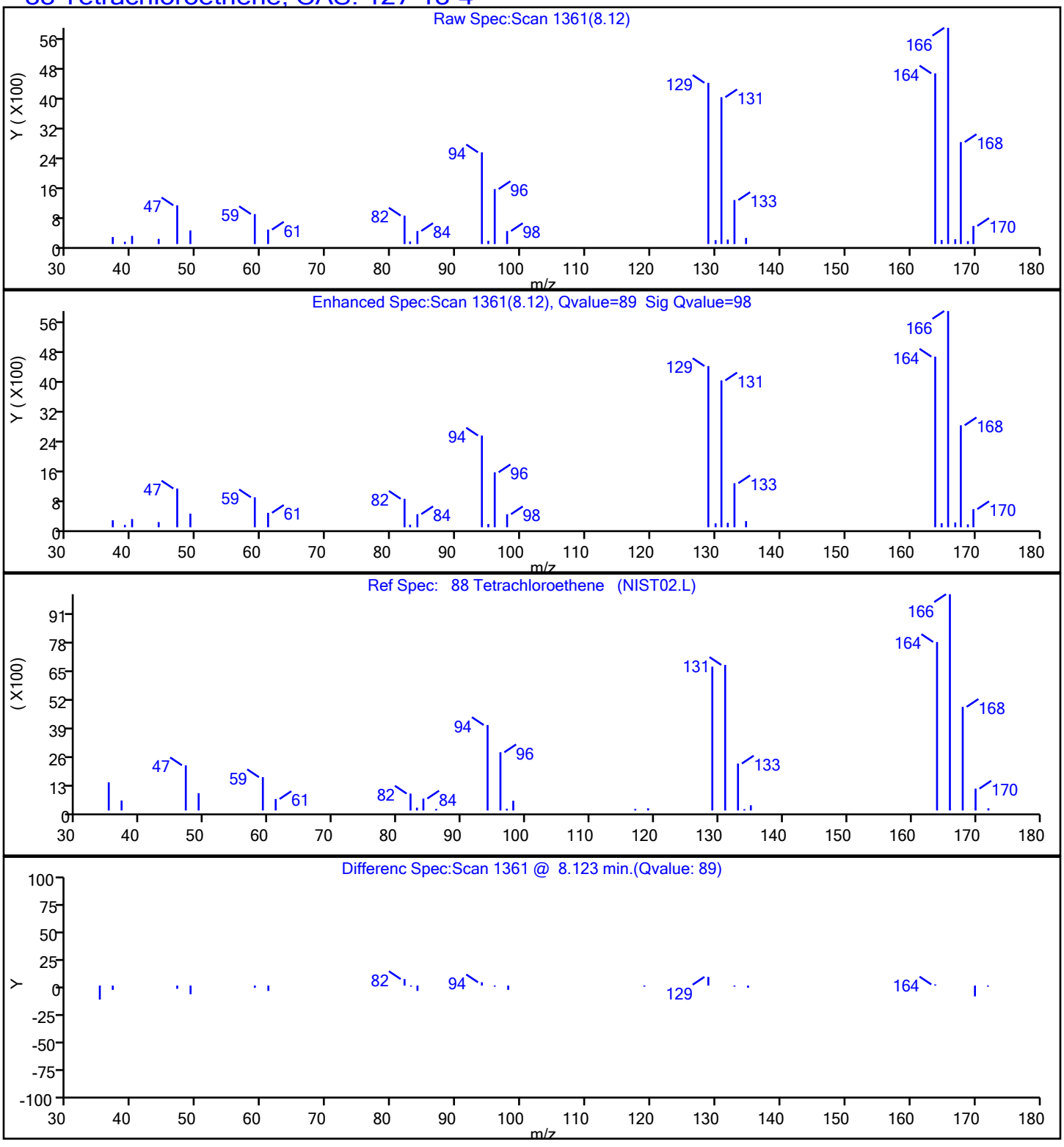
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

88 Tetrachloroethene, CAS: 127-18-4



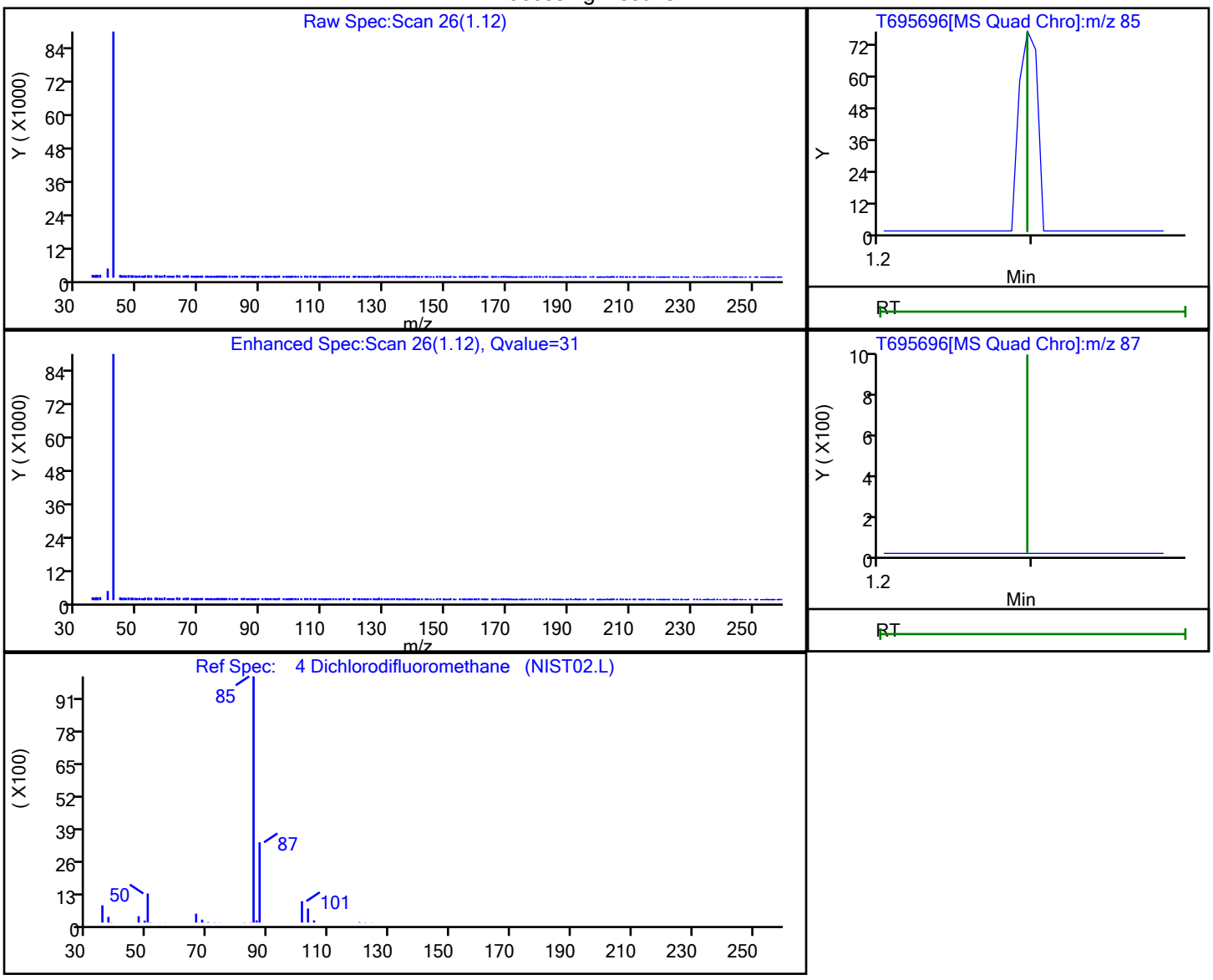
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695696.D				
Injection Date:	16-Dec-2025 10:49:20	Instrument ID:	CVOAMS15		
Lims ID:	460-341362-A-3	Lab Sample ID:	460-341362-3		
Client ID:	MW-8_20251211				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.12	85.00	716	0.661671
1.12	87.00	1380	

Reviewer: FK2C, 16-Dec-2025 11:41:36 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

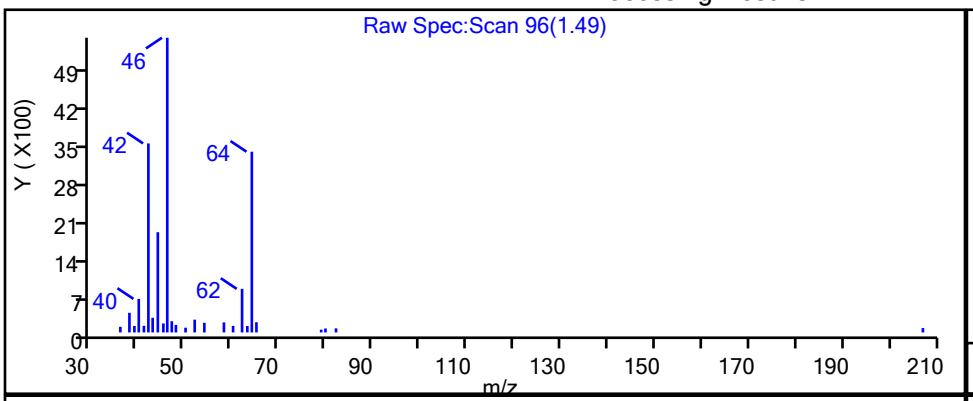
User Disabled Compound Report

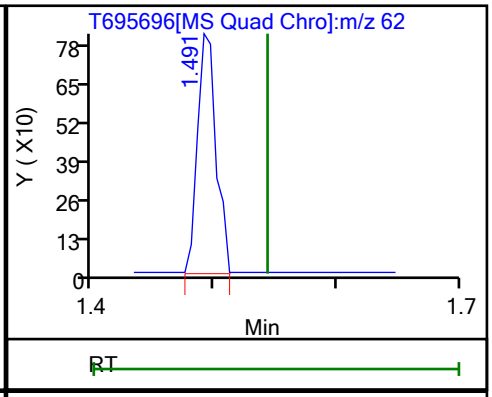
Eurofins Edison

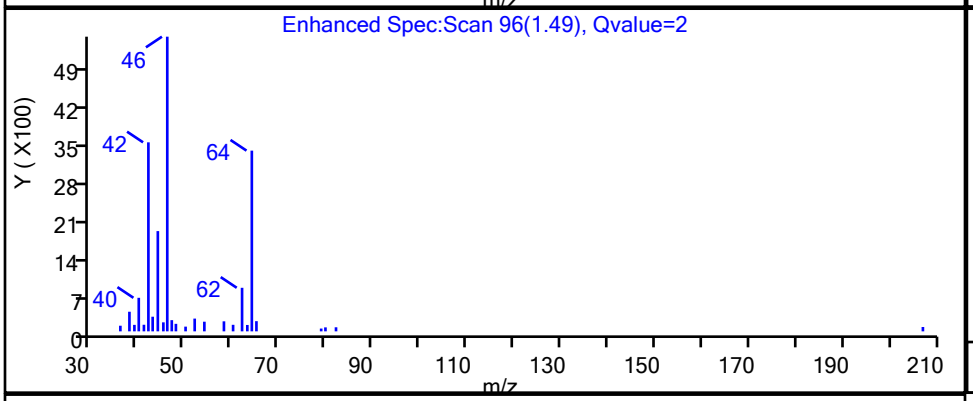
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695696.D				
Injection Date:	16-Dec-2025 10:49:20	Instrument ID:	CVOAMS15		
Lims ID:	460-341362-A-3	Lab Sample ID:	460-341362-3		
Client ID:	MW-8_20251211				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

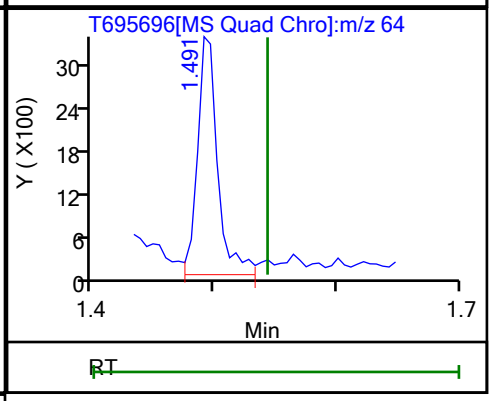
7 Vinyl chloride, CAS: 75-01-4

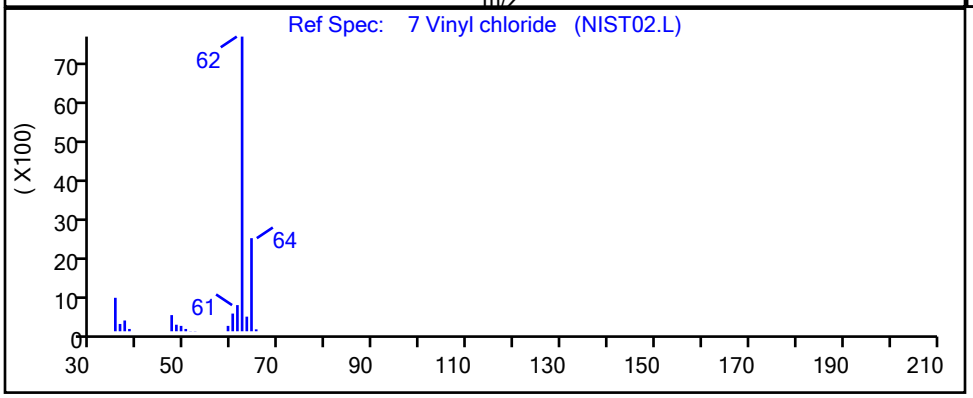
Processing Results











RT	Mass	Response	Amount
1.49	62.00	860	0.301026
1.49	64.00	3904	

Reviewer: FK2C, 16-Dec-2025 11:41:37 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: DUP-1_20251211 | Lab Sample ID: 460-341362-4

Matrix: Water | Lab File ID: T695697.D

Analysis Method: 8260D | Date Collected: 12/11/2025 13:10

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 11:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: DUP-1_20251211 | Lab Sample ID: 460-341362-4

Matrix: Water | Lab File ID: T695697.D

Analysis Method: 8260D | Date Collected: 12/11/2025 13:10

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 11:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	2.2		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: DUP-1_20251211 | Lab Sample ID: 460-341362-4

Matrix: Water | Lab File ID: T695697.D

Analysis Method: 8260D | Date Collected: 12/11/2025 13:10

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 11:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-132
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695697.D
Lims ID: 460-341362-A-4
Client ID: DUP-1_20251211
Sample Type: Client
Inject. Date: 16-Dec-2025 11:12:37 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-4
Misc. Info.: 460-0200558-015
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Dec-2025 06:38:35 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1722

First Level Reviewer: FK2C Date: 16-Dec-2025 11:42:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.959	2.958	0.001	94	37923	1000.0	
* 42 2-Butanone-d5	46	4.107	4.107	0.000	46	276906	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.636	0.000	96	193558	52.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	90	231485	55.5	
* 65 Fluorobenzene	96	5.349	5.349	0.000	99	722582	50.0	
* 73 1,4-Dioxane-d8	96	6.146	6.141	0.005	1	30491	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	689923	53.7	
88 Tetrachloroethene	166	8.123	8.123	0.000	91	11100	2.15	
* 94 Chlorobenzene-d5	117	9.418	9.418	0.000	85	538742	50.0	
$ 105 4-Bromofluorobenzene	174	11.321	11.326	-0.005	91	215145	47.5	
* 120 1,4-Dichlorobenzene-d4	152	12.774	12.774	0.000	95	281536	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00084 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 17-Dec-2025 11:55:48 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695697.D

Injection Date: 16-Dec-2025 11:12:37 Instrument ID: CVOAMS15

Lims ID: 460-341362-A-4 Lab Sample ID: 460-341362-4

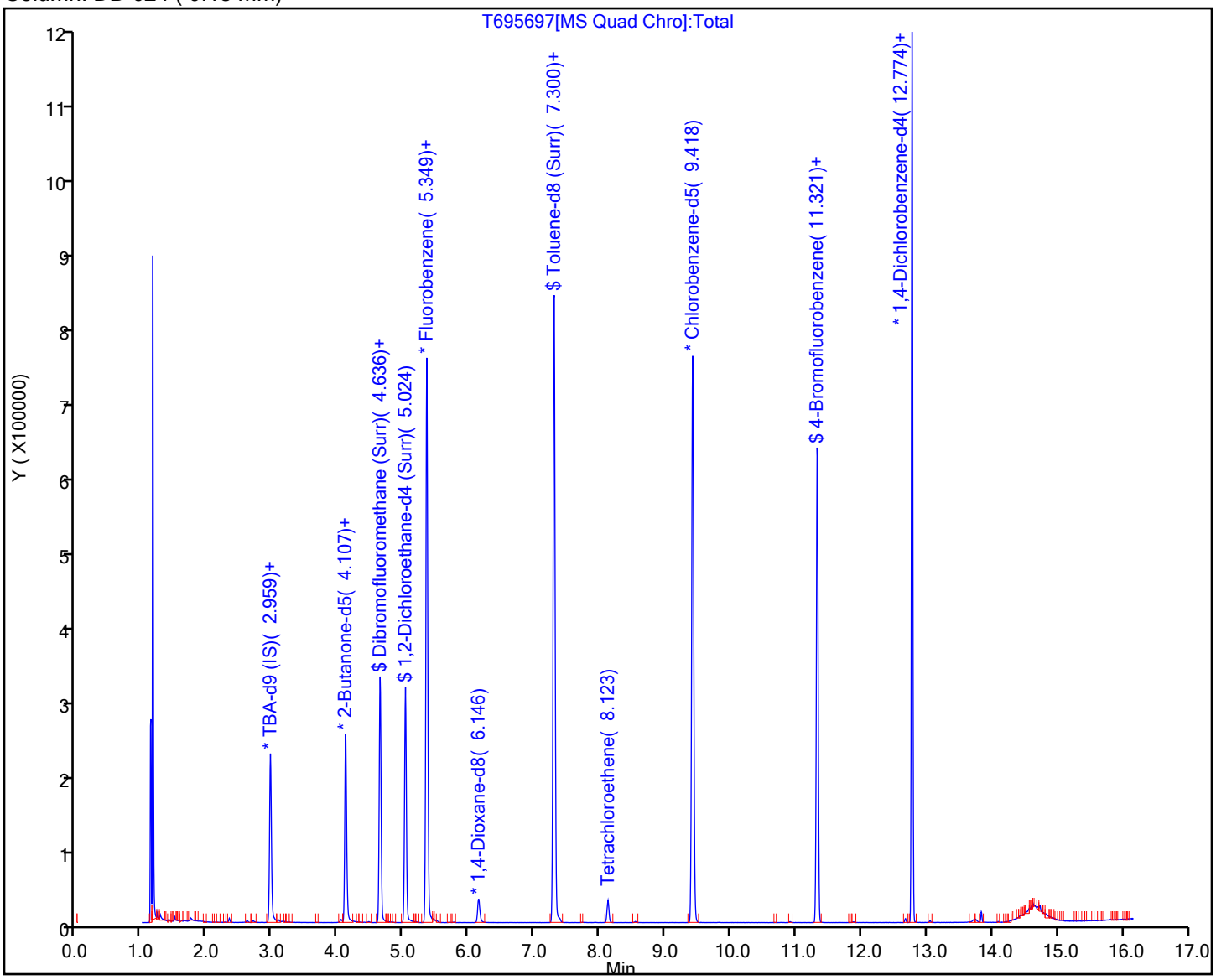
Client ID: DUP-1_20251211

Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 17-Dec-2025 11:55:48 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695697.D
Lims ID: 460-341362-A-4
Client ID: DUP-1_20251211
Sample Type: Client
Inject. Date: 16-Dec-2025 11:12:37 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-4
Misc. Info.: 460-0200558-015
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Dec-2025 06:38:35 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1722

First Level Reviewer: FK2C Date: 16-Dec-2025 11:42:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	52.5	105.03
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.5	111.08
$ 83 Toluene-d8 (Surr)	50.0	53.7	107.40
$ 105 4-Bromofluorobenzene	50.0	47.5	94.98

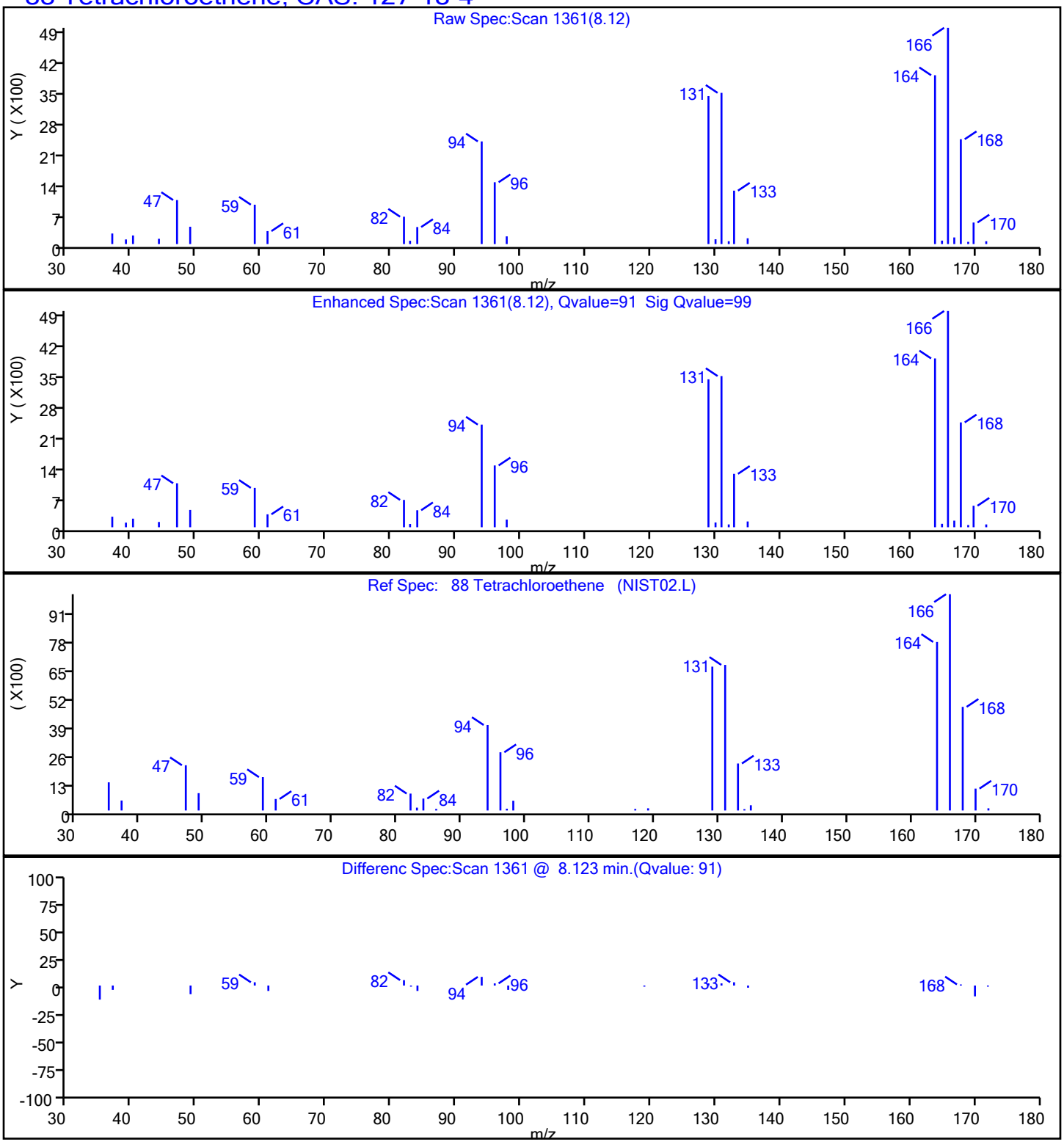
Report Date: 17-Dec-2025 11:55:48 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695697.D

Injection Date:	16-Dec-2025 11:12:37	Instrument ID:	CVOAMS15
Lims ID:	460-341362-A-4	Lab Sample ID:	460-341362-4
Client ID:	DUP-1_20251211		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



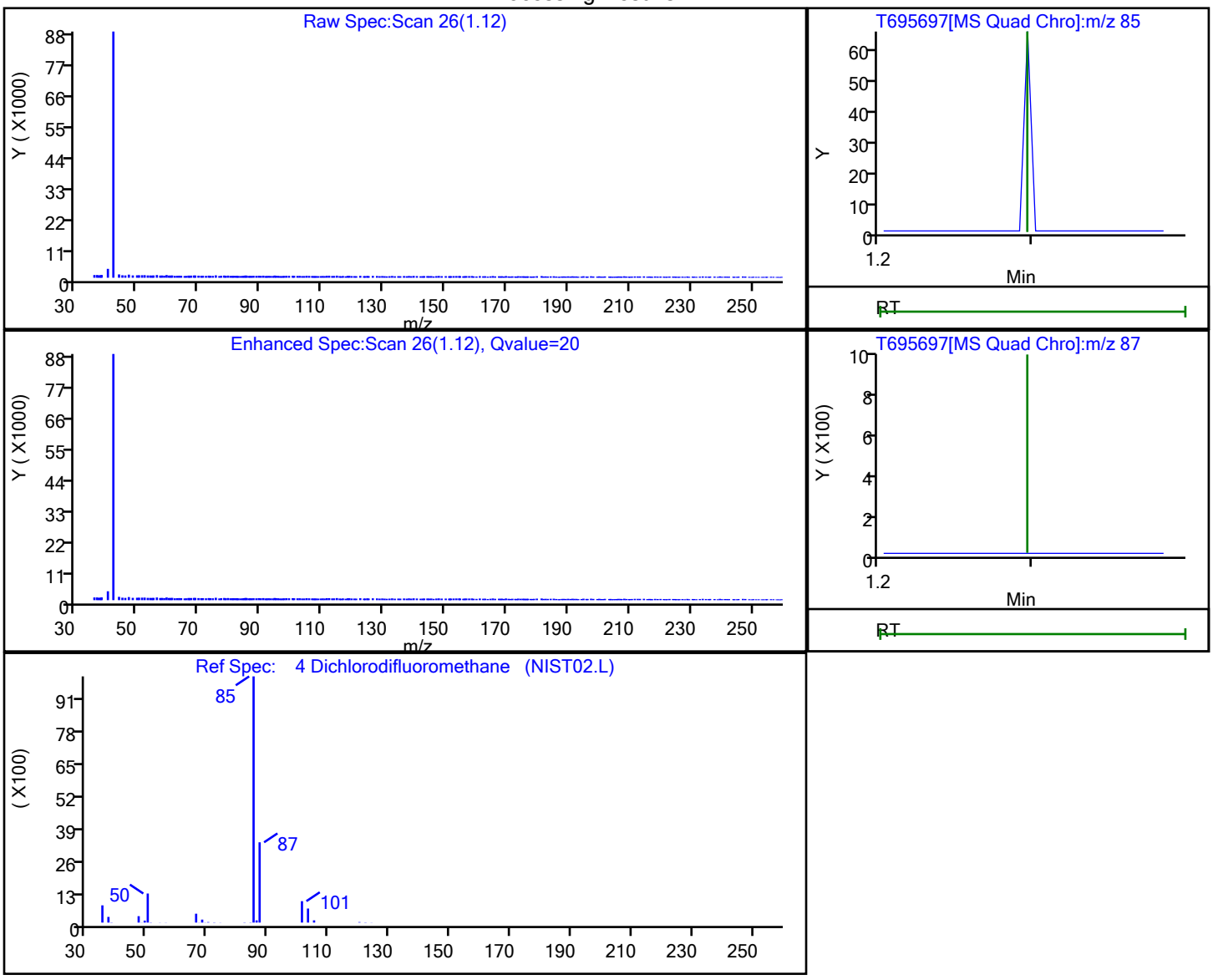
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695697.D				
Injection Date:	16-Dec-2025 11:12:37	Instrument ID:	CVOAMS15		
Lims ID:	460-341362-A-4	Lab Sample ID:	460-341362-4		
Client ID:	DUP-1_20251211				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.12	85.00	1395	0.788855
1.12	87.00	918	

Reviewer: FK2C, 16-Dec-2025 11:42:24 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: FB-1_20251211 | Lab Sample ID: 460-341362-5

Matrix: Water | Lab File ID: T695691.D

Analysis Method: 8260D | Date Collected: 12/11/2025 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 08:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	13		5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: FB-1_20251211 | Lab Sample ID: 460-341362-5

Matrix: Water | Lab File ID: T695691.D

Analysis Method: 8260D | Date Collected: 12/11/2025 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 08:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: FB-1_20251211 | Lab Sample ID: 460-341362-5

Matrix: Water | Lab File ID: T695691.D

Analysis Method: 8260D | Date Collected: 12/11/2025 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 08:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-128
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	109		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695691.D
Lims ID: 460-341362-A-5
Client ID: FB-1_20251211
Sample Type: Client
Inject. Date: 16-Dec-2025 08:52:46 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-5
Misc. Info.: 460-0200558-009
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Dec-2025 10:57:18 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1605

First Level Reviewer: FK2C Date: 16-Dec-2025 09:39:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.602	2.602	0.000	85	13963	13.4	
* 31 TBA-d9 (IS)	66	2.959	2.958	0.001	95	43905	1000.0	
* 42 2-Butanone-d5	46	4.107	4.107	0.000	46	332907	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.636	0.000	96	209344	50.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	91	256169	54.7	
* 65 Fluorobenzene	96	5.349	5.349	0.000	99	811612	50.0	
* 73 1,4-Dioxane-d8	96	6.146	6.141	0.005	1	32183	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	758422	54.4	
* 94 Chlorobenzene-d5	117	9.418	9.418	0.000	85	584826	50.0	
$ 105 4-Bromofluorobenzene	174	11.327	11.326	0.001	92	232346	47.2	
* 120 1,4-Dichlorobenzene-d4	152	12.774	12.774	0.000	96	298534	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00084 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 16-Dec-2025 10:58:00 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695691.D

Injection Date: 16-Dec-2025 08:52:46 Instrument ID: CVOAMS15

Lims ID: 460-341362-A-5 Lab Sample ID: 460-341362-5

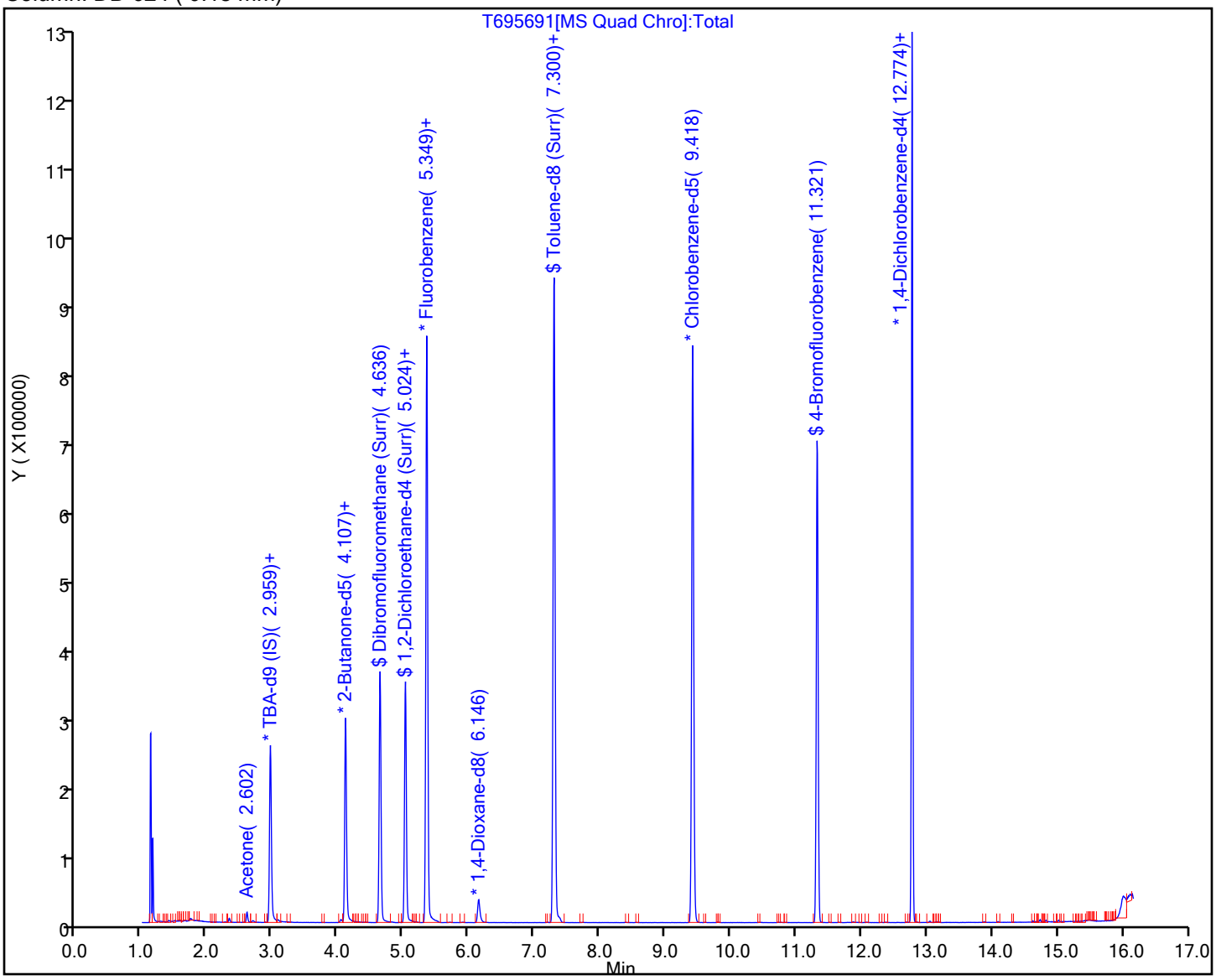
Client ID: FB-1_20251211

Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 16-Dec-2025 10:58:00 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695691.D
Lims ID: 460-341362-A-5
Client ID: FB-1_20251211
Sample Type: Client
Inject. Date: 16-Dec-2025 08:52:46 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-5
Misc. Info.: 460-0200558-009
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Dec-2025 10:57:18 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1605

First Level Reviewer: FK2C Date: 16-Dec-2025 09:39:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	50.6	101.13
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	54.7	109.44
$ 83 Toluene-d8 (Surr)	50.0	54.4	108.76
$ 105 4-Bromofluorobenzene	50.0	47.2	94.49

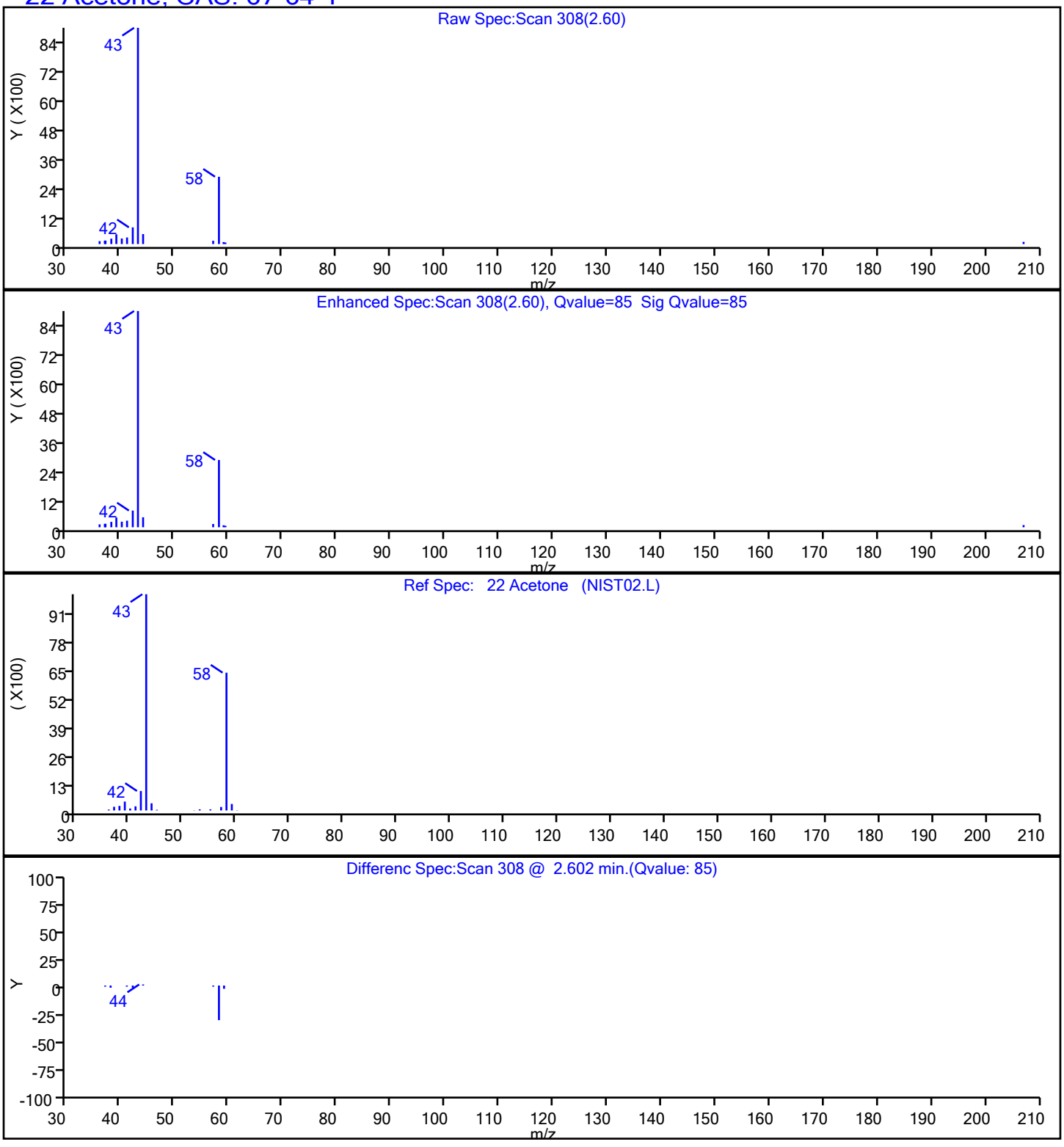
Report Date: 16-Dec-2025 10:58:00 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695691.D

Injection Date:	16-Dec-2025 08:52:46	Instrument ID:	CVOAMS15
Lims ID:	460-341362-A-5	Lab Sample ID:	460-341362-5
Client ID:	FB-1_20251211		
Operator ID:		ALS Bottle#:	8 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

22 Acetone, CAS: 67-64-1



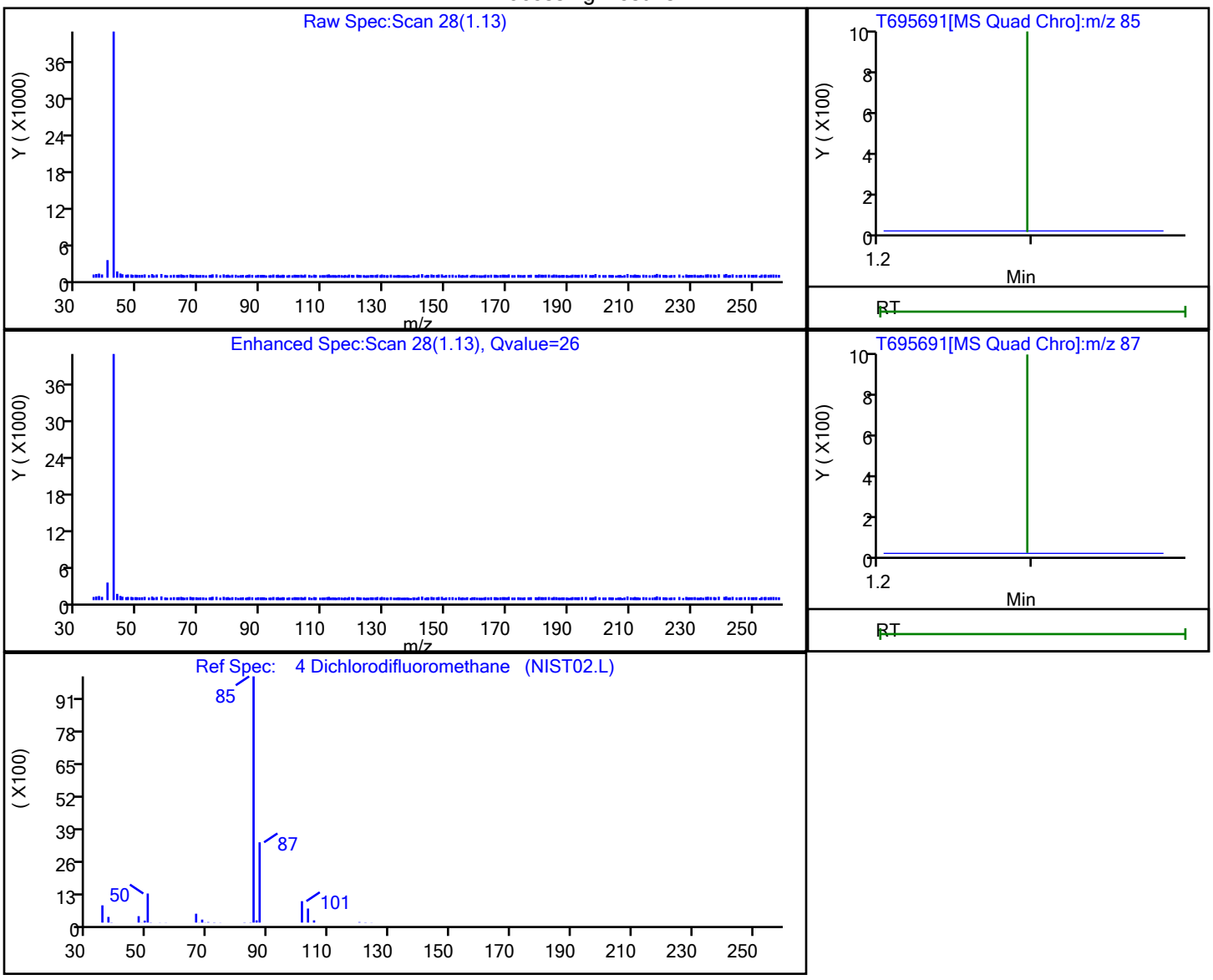
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695691.D				
Injection Date:	16-Dec-2025 08:52:46	Instrument ID:	CVOAMS15		
Lims ID:	460-341362-A-5	Lab Sample ID:	460-341362-5		
Client ID:	FB-1_20251211				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.13	85.00	882	0.675896
1.12	87.00	776	

Reviewer: FK2C, 16-Dec-2025 09:39:44 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: TB-1 Blank | Lab Sample ID: 460-341362-6

Matrix: Water | Lab File ID: T695692.D

Analysis Method: 8260D | Date Collected: 12/11/2025 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 09:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	15		5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: TB-1 Blank | Lab Sample ID: 460-341362-6

Matrix: Water | Lab File ID: T695692.D

Analysis Method: 8260D | Date Collected: 12/11/2025 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 09:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: TB-1 Blank | Lab Sample ID: 460-341362-6

Matrix: Water | Lab File ID: T695692.D

Analysis Method: 8260D | Date Collected: 12/11/2025 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 09:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-128
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695692.D
Lims ID: 460-341362-A-6
Client ID: TB-1 Blank
Sample Type: Client
Inject. Date: 16-Dec-2025 09:16:11 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-6
Misc. Info.: 460-0200558-010
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Dec-2025 10:57:18 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1605

First Level Reviewer: FK2C Date: 16-Dec-2025 09:40:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.602	2.602	0.000	86	13349	14.6	
* 31 TBA-d9 (IS)	66	2.958	2.958	0.000	95	38939	1000.0	
* 42 2-Butanone-d5	46	4.107	4.107	0.000	46	292681	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.636	0.000	96	205402	51.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	91	252297	56.3	
* 65 Fluorobenzene	96	5.349	5.349	0.000	99	776531	50.0	
* 73 1,4-Dioxane-d8	96	6.146	6.141	0.005	1	33426	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	738574	53.5	
* 94 Chlorobenzene-d5	117	9.418	9.418	0.000	85	578812	50.0	
$ 105 4-Bromofluorobenzene	174	11.326	11.326	0.000	93	229858	47.2	
* 120 1,4-Dichlorobenzene-d4	152	12.779	12.774	0.005	94	297056	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00084 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 16-Dec-2025 10:58:05 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695692.D

Injection Date: 16-Dec-2025 09:16:11 Instrument ID: CVOAMS15

Lims ID: 460-341362-A-6 Lab Sample ID: 460-341362-6

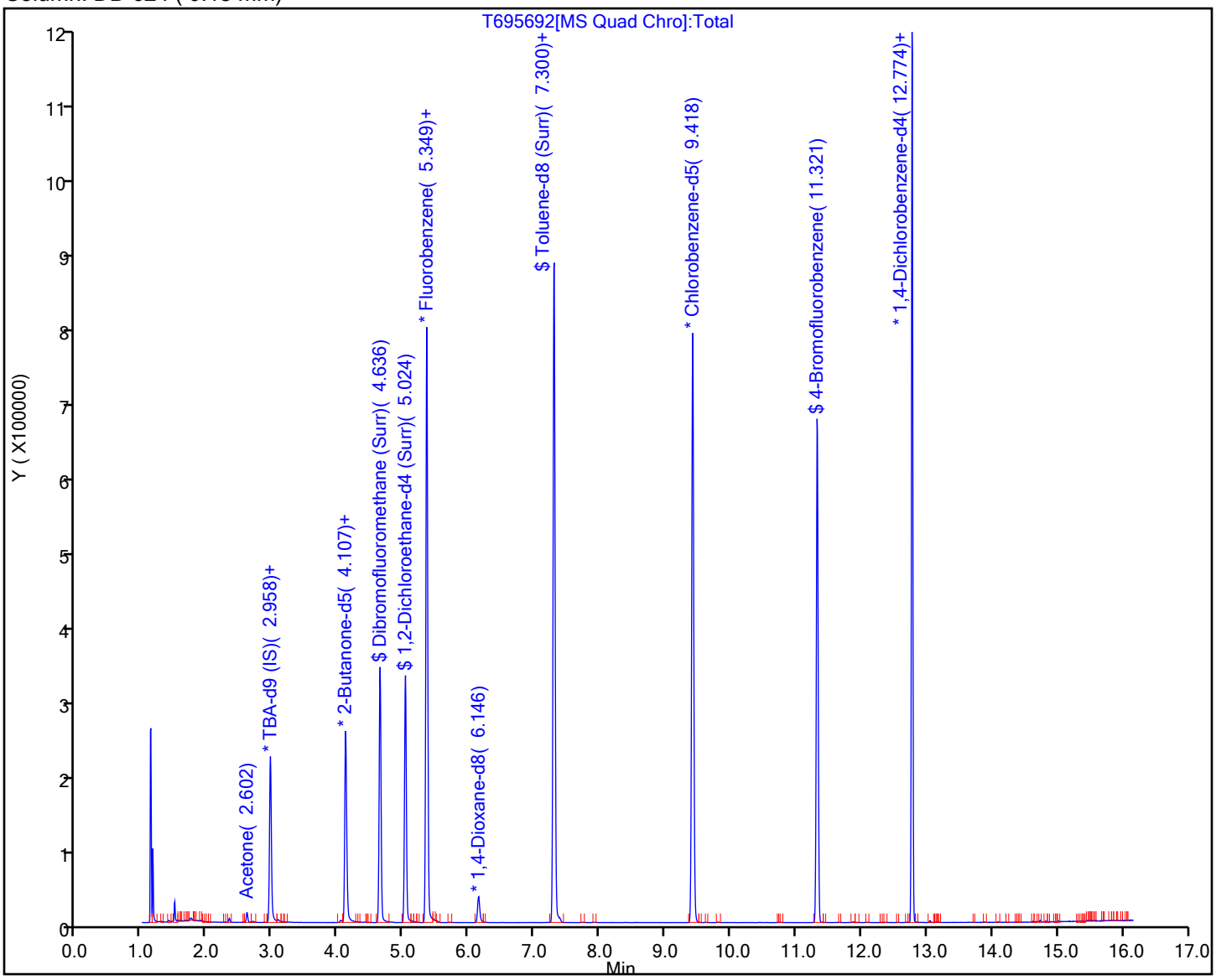
Client ID: TB-1 Blank

Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 16-Dec-2025 10:58:05 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695692.D
Lims ID: 460-341362-A-6
Client ID: TB-1 Blank
Sample Type: Client
Inject. Date: 16-Dec-2025 09:16:11 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-6
Misc. Info.: 460-0200558-010
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Dec-2025 10:57:18 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1605

First Level Reviewer: FK2C Date: 16-Dec-2025 09:40:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	51.9	103.71
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	56.3	112.66
$ 83 Toluene-d8 (Surr)	50.0	53.5	107.01
$ 105 4-Bromofluorobenzene	50.0	47.2	94.45

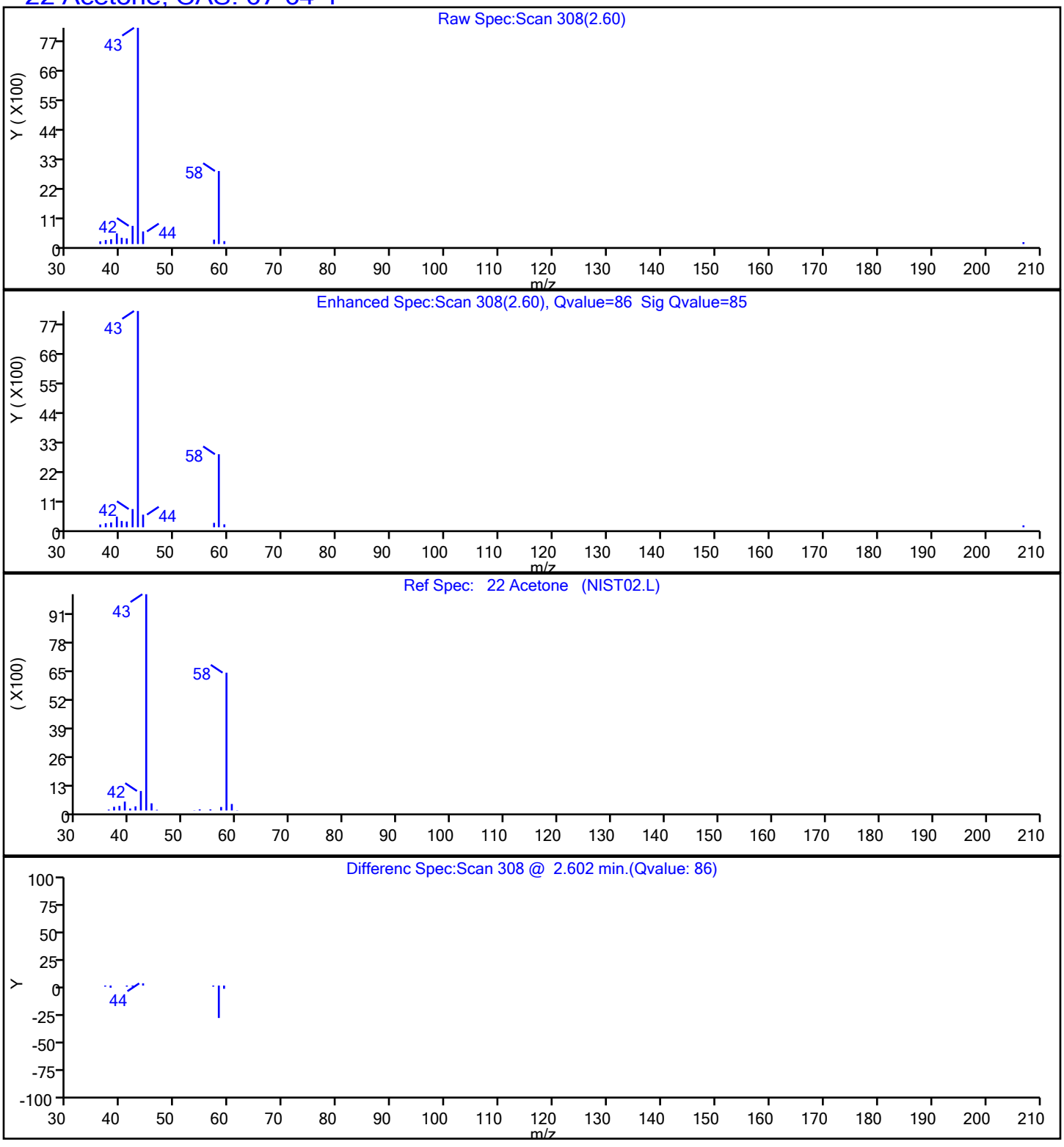
Report Date: 16-Dec-2025 10:58:05 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695692.D

Injection Date:	16-Dec-2025 09:16:11	Instrument ID:	CVOAMS15
Lims ID:	460-341362-A-6	Lab Sample ID:	460-341362-6
Client ID:	TB-1 Blank		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

22 Acetone, CAS: 67-64-1



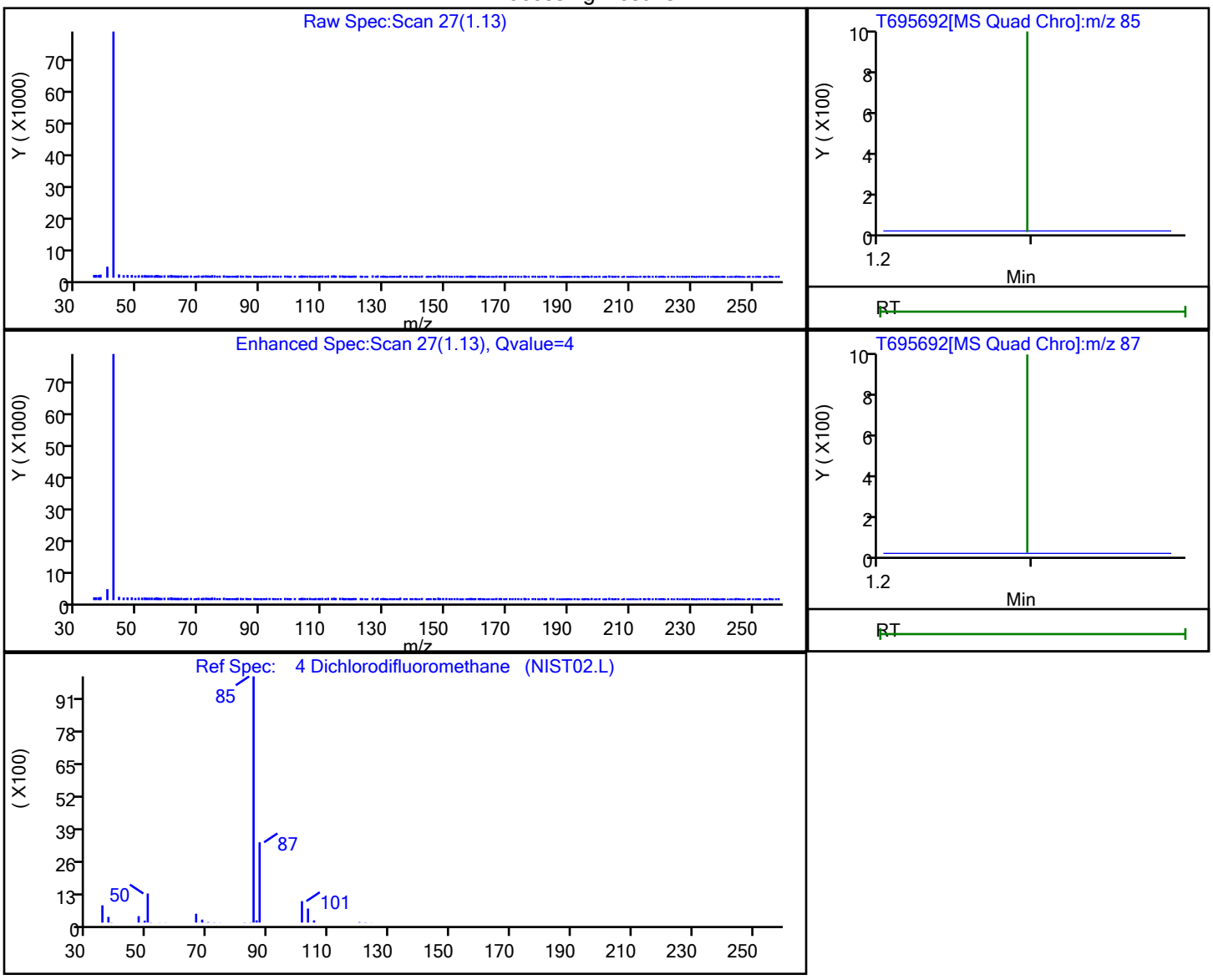
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695692.D				
Injection Date:	16-Dec-2025 09:16:11	Instrument ID:	CVOAMS15		
Lims ID:	460-341362-A-6	Lab Sample ID:	460-341362-6		
Client ID:	TB-1 Blank				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.13	85.00	778	0.664540
1.12	87.00	434	

Reviewer: FK2C, 16-Dec-2025 09:40:05 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

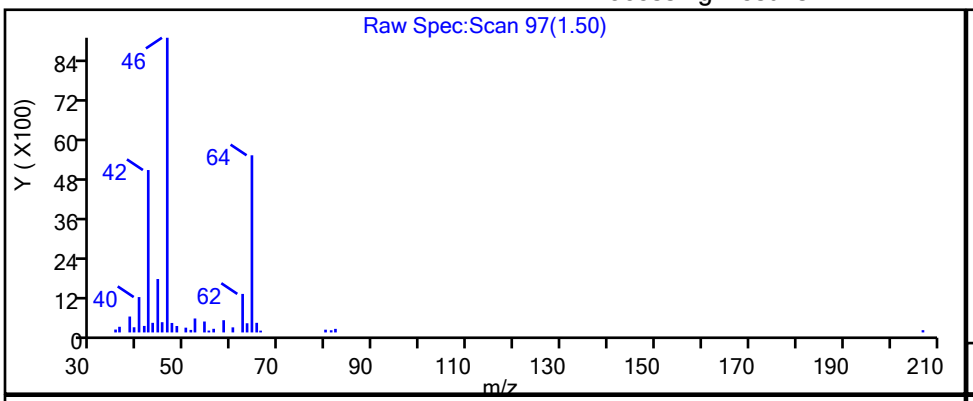
User Disabled Compound Report

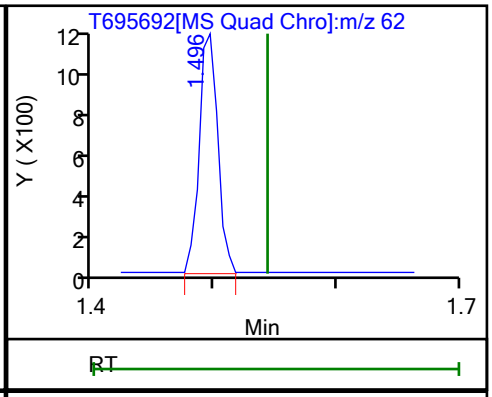
Eurofins Edison

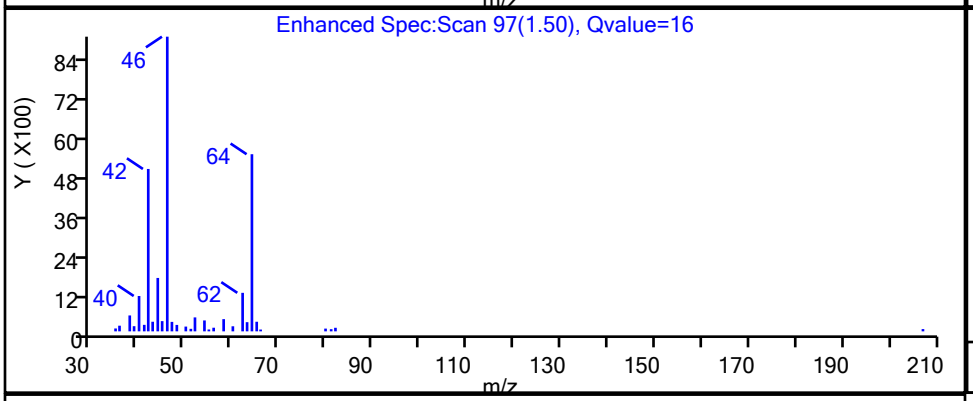
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695692.D				
Injection Date:	16-Dec-2025 09:16:11	Instrument ID:	CVOAMS15		
Lims ID:	460-341362-A-6	Lab Sample ID:	460-341362-6		
Client ID:	TB-1 Blank				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

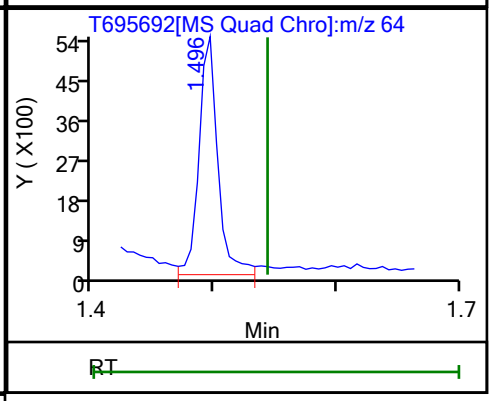
7 Vinyl chloride, CAS: 75-01-4

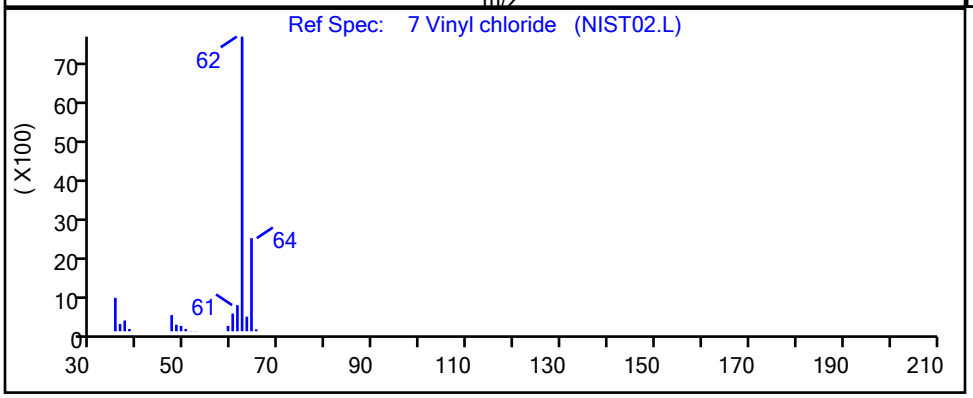
Processing Results











RT	Mass	Response	Amount
1.50	62.00	1240	0.408179
1.50	64.00	5924	

Reviewer: FK2C, 16-Dec-2025 09:40:06 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-341362-1 Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 Calibration End Date: 11/10/2025 13:08 Calibration ID: 103192

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1073610/4	T694801.D
Level 2	STD9 460-1073610/3	T694800.D
Level 3	STD05 460-1073610/5	T694802.D
Level 4	STD1 460-1073610/16	T694813.D
Level 5	STD5 460-1073610/7	T694804.D
Level 6	STD20 460-1073610/8	T694805.D
Level 7	STD50 460-1073610/9	T694806.D
Level 8	STD200 460-1073610/10	T694807.D
Level 9	STD500 460-1073610/11	T694808.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0621	+++++ 0.0635	0.0600 0.0856	0.0431 +++++	0.0626	QuaF		0.0568	0.0001438						1.0000		0.9900
Dichlorodifluoromethane	+++++ 0.3594	+++++ 0.3633	+++++ 0.3752	0.1700 0.3576	0.3625	Lin2	-0.198	0.3735			0.1000				0.9980		0.9900
Chlorodifluoromethane	+++++ 0.0551	+++++ 0.0547	0.0584 0.0576	0.0588 0.0578	0.0548	Ave		0.0567				3.2		20.0			
Chloromethane	+++++ 0.2278	+++++ 0.2268	0.2361 0.2296	0.2382 0.2349	0.2200	Ave		0.2305			0.0050	2.8		20.0			
Vinyl chloride	+++++ 0.2056	+++++ 0.2061	0.2058 0.1920	0.1828 0.1816	0.1954	Ave		0.1956			0.0050	5.5		20.0			
Butadiene	+++++ 0.1683	+++++ 0.1699	0.1783 0.1586	0.1375 0.1501	0.1650	Ave		0.1611				8.5		20.0			
Bromomethane	+++++ 0.0691	+++++ 0.0722	0.0706 0.0880	0.0750 0.0625	0.0652	Ave		0.0718			0.0050	11.5		20.0			
Chloroethane	+++++ 0.1518	+++++ 0.1425	0.1687 0.1177	0.1589 0.1033	0.1611	Ave		0.1434			0.0050	16.9		20.0			
Dichlorofluoromethane	+++++ 0.6379	+++++ 0.6350	0.5627 0.5692	0.5961 0.5115	0.6173	Ave		0.5899				7.7		20.0			
Trichlorofluoromethane	+++++ 0.5096	+++++ 0.5190	0.4906 0.5071	0.3588 0.4902	0.5003	Ave		0.4822			0.1000	11.5		20.0			
Pentane	+++++ 0.0431	+++++ 0.0429	0.0421 0.0382	0.0281 +++++	0.0425	Ave		0.0395				14.9		20.0			
Ethanol	+++++ 0.2434	+++++ 0.2294	0.3342 0.2093	0.2907 0.2611	0.2673	Ave		0.2622				15.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-341362-1 Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 Calibration End Date: 11/10/2025 13:08 Calibration ID: 103192

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Ethyl ether	+++++ 0.2283	+++++ 0.2230	0.5125 0.1956	0.3756 0.1756	0.2460	Lin2	0.1571	0.2060							0.9920		0.9900
2-Methyl-1,3-butadiene	+++++ 0.2438	+++++ 0.2409	0.2491 0.1981	0.2156 +++++	0.2427	Ave		0.2317				8.7		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2543	+++++ 0.2502	0.2584 0.2361	0.2609 0.2286	0.2509	Ave		0.2485				4.8		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3739	+++++ 0.3779	0.3842 0.3600	0.3821 0.3638	0.3669	Ave		0.3727				2.5		20.0			
Acrolein	+++++ 12.239	+++++ 11.564	11.003 11.910	13.593 11.322	11.625	Ave		11.894				7.1		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2591	+++++ 0.2566	0.2393 0.2508	0.1856 0.2194	0.2553	Ave		0.2380			0.1000	11.3		20.0			
1,1-Dichloroethene	+++++ 0.2799	+++++ 0.2747	0.2598 0.2409	0.2390 0.2253	0.2717	Ave		0.2559			0.1000	8.2		20.0			
Acetone	+++++ 0.6913	+++++ 0.6904	0.7418 0.9659	0.6993 1.0187	0.6726	Ave		0.7829			0.0010	18.6		20.0			
Iodomethane	+++++ 0.3176	+++++ 0.3293	0.1216 0.2883	0.0791 0.2433	0.2170	Qua	-0.071	0.3214	-0.000156						1.0000		0.9900
Isopropyl alcohol	+++++ 3.6430	+++++ 3.6013	4.2213 3.2274	4.1927 3.1733	3.5341	Ave		3.6562				11.4		20.0			
Carbon disulfide	+++++ 0.8664	+++++ 0.8749	0.7685 0.7015	0.8003 0.6459	0.8020	Ave		0.7799			0.1000	10.7		20.0			
3-Chloro-1-propene	+++++ 0.1829	+++++ 0.1772	0.1674 0.1386	0.1602 0.1191	0.1640	Ave		0.1585				14.1		20.0			
Methyl acetate	+++++ 0.1531	+++++ 0.1530	0.1615 0.1301	0.1636 0.1248	0.1512	Ave		0.1482			0.0500	10.1		20.0			
Cyclopentene	+++++ 0.7215	+++++ 0.7259	0.7168 0.5907	0.6226 0.4448	0.7001	Ave		0.6461				16.0		20.0			
Acetonitrile	+++++ 0.4441	+++++ 0.4333	0.4110 0.3564	0.4051 0.3312	0.4410	Ave		0.4031				10.8		20.0			
Methylene Chloride	+++++ 0.3200	+++++ 0.3098	0.3421 0.2770	0.3266 0.2666	0.3057	Ave		0.3068			0.1000	8.7		20.0			
2-Methyl-2-propanol	+++++ 6.2741	+++++ 6.1908	6.6841 5.8880	6.8730 6.0499	6.0583	Ave		6.2883				5.7		20.0			
Methyl tert-butyl ether	+++++ 0.7899	+++++ 0.8025	0.6871 0.7281	0.7444 0.6854	0.7525	Ave		0.7414			0.1000	6.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-341362-1 Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 Calibration End Date: 11/10/2025 13:08 Calibration ID: 103192

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
trans-1,2-Dichloroethene	+++++ 0.3157	+++++ 0.3151	0.3091 0.2689	0.2990 0.2499	0.3067	Ave		0.2949			0.1000	8.6		20.0			
Acrylonitrile	+++++ 0.0776	+++++ 0.0773	0.0747 0.0659	0.0832 0.0593	0.0785	Ave		0.0738				11.2		20.0			
Hexane	+++++ 0.3307	+++++ 0.3448	0.3785 0.3328	0.2337 0.2642	0.3352	Ave		0.3171				15.8		20.0			
Isopropyl ether	+++++ 0.9216	+++++ 0.9006	0.8089 0.7597	0.8044 0.6073	0.8598	Ave		0.8089				13.0		20.0			
1,1-Dichloroethane	+++++ 0.5563	+++++ 0.5419	0.5409 0.4586	0.5331 0.3852	0.5363	Ave		0.5075			0.2000	12.3		20.0			
Vinyl acetate	+++++ 0.6016	+++++ 0.5830	0.5356 0.5405	0.4661 0.4794	0.5381	Ave		0.5349				9.2		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2736	+++++ 0.2719	0.2254 0.2341	0.2335 0.2066	0.2628	Ave		0.2440				10.5		20.0			
Tert-butyl ethyl ether	+++++ 0.8821	+++++ 0.8868	0.7470 0.7988	0.8010 0.7313	0.8262	Ave		0.8104				7.4		20.0			
2,2-Dichloropropane	+++++ 0.1152	+++++ 0.1123	0.1110 0.1002	0.0952 0.0952	0.1117	Ave		0.1058				8.2		20.0			
cis-1,2-Dichloroethene	+++++ 0.3578	+++++ 0.3466	0.3282 0.3055	0.3262 0.2762	0.3386	Ave		0.3256			0.1000	8.4		20.0			
2-Butanone (MEK)	+++++ 0.2829	+++++ 0.2847	0.2977 0.2939	0.2762 0.2828	0.2792	Ave		0.2853			0.0100	2.7		20.0			
Ethyl acetate	+++++ 0.3068	+++++ 0.3085	0.4527 0.2851	0.3176 0.2839	0.3087	Ave		0.3233				18.1		20.0			
Methyl acrylate	+++++ 0.1914	+++++ 0.1957	0.2237 0.1791	0.1903 0.1941	0.1877	Ave		0.1946				7.2		20.0			
Propionitrile	+++++ 0.0291	+++++ 0.0287	0.0262 0.0254	0.0327 0.0260	0.0292	Ave		0.0282				9.0		20.0			
Chlorobromomethane	+++++ 0.1665	+++++ 0.1552	0.1508 0.1314	0.1543 0.1234	0.1571	Ave		0.1484				10.3		20.0			
Tetrahydrofuran	+++++ 0.2924	+++++ 0.2865	0.2673 0.2424	0.3076 0.2105	0.2922	Ave		0.2713				12.6		20.0			
Methacrylonitrile	+++++ 0.0946	+++++ 0.0923	0.0908 0.0741	0.0982 0.0561	0.0932	Ave		0.0856				17.7		20.0			
Chloroform	+++++ 0.5890	+++++ 0.5760	0.5499 0.5206	0.5379 0.4844	0.5550	Ave		0.5447			0.2000	6.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-341362-1 Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 Calibration End Date: 11/10/2025 13:08 Calibration ID: 103192

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.5340	+++++ 0.5293	0.4981 0.4732	0.4737 0.4340	0.5109	Ave		0.4933			0.1000	7.2		20.0			
Cyclohexane	+++++ 0.4010	+++++ 0.3983	0.3819 0.3619	0.3189 0.3033	0.4011	Ave		0.3666			0.1000	11.1		20.0			
Carbon tetrachloride	+++++ 0.4578	+++++ 0.4692	0.4095 0.4483	0.3657 0.4400	0.4296	Ave		0.4315			0.1000	8.1		20.0			
1,1-Dichloropropene	+++++ 0.4429	+++++ 0.4393	0.3864 0.3904	0.3989 0.3632	0.4283	Ave		0.4071				7.4		20.0			
Isobutyl alcohol	+++++ 2.3660	+++++ 2.4503	2.0711 2.3530	2.5032 2.3396	2.1769	Ave		2.3229				6.5		20.0			
Benzene	+++++ 1.5921	1.6554 1.5364	1.4687 1.3084	1.4777 1.1842	1.5281	Ave		1.4689			0.5000	10.5		20.0			
Isooctane	+++++ 0.5955	+++++ 0.6015	0.6200 0.6198	0.4575 0.3872	0.6019	Ave		0.5548				16.8		20.0			
Isopropyl acetate	+++++ 0.1269	+++++ 0.1280	0.1281 0.1115	0.1308 0.0963	0.1229	Ave		0.1206				10.3		20.0			
1,2-Dichloroethane	+++++ 0.4305	0.4601 0.4210	0.4121 0.3701	0.4326 0.3160	0.4135	Ave		0.4070			0.1000	11.0		20.0			
Tert-amyl methyl ether	+++++ 0.7779	+++++ 0.7889	0.6561 0.7027	0.6820 0.6063	0.7224	Ave		0.7052				9.2		20.0			
n-Heptane	+++++ 0.2715	+++++ 0.2862	0.2841 0.2985	0.2202 0.2392	0.2819	Ave		0.2688				10.6		20.0			
n-Butanol	+++++ 1.3889	+++++ 1.4750	1.3265 1.4155	1.9250 1.4542	1.3077	Ave		1.4704				14.3		20.0			
Trichloroethene	+++++ 0.3461	0.3416 0.3409	0.3274 0.3098	0.3074 0.2968	0.3321	Ave		0.3253			0.2000	5.7		20.0			
Ethyl acrylate	+++++ 0.5937	+++++ 0.6061	0.5223 0.5708	0.5423 0.4963	0.5767	Ave		0.5583				7.1		20.0			
Methylcyclohexane	+++++ 0.4200	+++++ 0.4254	0.4035 0.4210	0.3160 0.3546	0.4155	Ave		0.3937			0.1000	10.7		20.0			
1,2-Dichloropropane	+++++ 0.3086	0.3141 0.3088	0.2754 0.2775	0.2935 0.2593	0.2934	Ave		0.2913			0.1000	6.6		20.0			
Methyl methacrylate	+++++ 0.0630	+++++ 0.0635	0.0561 0.0584	0.0591 0.0562	0.0594	Ave		0.0594				5.0		20.0			
1,4-Dioxane	+++++ 1.0157	+++++ 0.9838	0.7592 0.9220	0.8927 0.9173	0.9839	Ave		0.9249				9.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-341362-1 Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 Calibration End Date: 11/10/2025 13:08 Calibration ID: 103192

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dibromomethane	+++++ 0.1830	+++++ 0.1809	0.1793 0.1644	0.1819 0.1454	0.1763	Ave		0.1730				7.9		20.0			
n-Propyl acetate	+++++ 0.2876	+++++ 0.2921	0.2220 0.2716	0.2976 0.2786	0.2742	Ave		0.2748				9.1		20.0			
Dichlorobromomethane	+++++ 0.4061	0.3529 0.4140	0.3415 0.4043	0.3206 0.4006	0.3634	Ave		0.3754			0.2000	9.4		20.0			
2-Nitropropane	+++++ 0.6113	+++++ 0.6775	0.7228 0.6909	0.4439 0.7372	0.5358	Ave		0.6313				17.1		20.0			
Epichlorohydrin	+++++ 0.1541	+++++ 0.1874	0.1865 0.1668	0.1269 0.1712	0.1654	Ave		0.1655				12.5		20.0			
cis-1,3-Dichloropropene	+++++ 0.6838	0.5937 0.6817	0.5653 0.6347	0.5343 0.6326	0.6297	Ave		0.6195			0.2000	8.5		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.1851	+++++ 2.2071	1.8968 2.0084	2.0712 1.7705	2.0748	Ave		2.0306			0.0500	7.6		20.0			
Toluene	+++++ 1.7323	+++++ 1.6951	1.6536 1.4809	1.6875 1.3860	1.6691	Ave		1.6149			0.4000	8.0		20.0			
trans-1,3-Dichloropropene	+++++ 0.5842	0.5047 0.5909	0.4839 0.5603	0.4813 0.5694	0.5198	Ave		0.5368			0.1000	8.3		20.0			
Ethyl methacrylate	+++++ 0.4055	+++++ 0.4088	0.3708 0.3833	0.3864 0.3985	0.3898	Ave		0.3919				3.4		20.0			
1,1,2-Trichloroethane	+++++ 0.2678	0.2807 0.2674	0.2428 0.2510	0.2593 0.2563	0.2575	Ave		0.2603			0.1000	4.4		20.0			
Tetrachloroethene	+++++ 0.5021	0.5387 0.4993	0.4389 0.4561	0.4608 0.4553	0.4777	Ave		0.4786			0.2000	6.9		20.0			
1,3-Dichloropropane	+++++ 0.5684	+++++ 0.5656	0.4996 0.5273	0.5156 0.5300	0.5470	Ave		0.5362				4.7		20.0			
2-Hexanone	+++++ 1.4760	+++++ 1.4885	1.3946 1.4630	1.6586 1.3692	1.4091	Ave		1.4656			0.0500	6.6		20.0			
Chlorodibromomethane	+++++ 0.3777	0.3055 0.3975	0.2969 0.4040	0.2751 0.4159	0.3249	Ave		0.3497			0.1000	15.8		20.0			
n-Butyl acetate	+++++ 0.4101	+++++ 0.4067	0.3510 0.3656	0.4556 0.3481	0.3979	Ave		0.3907				9.9		20.0			
Ethylene Dibromide	+++++ 0.3295	+++++ 0.3286	0.2891 0.3078	0.2952 0.3231	0.3057	Ave		0.3113			0.1000	5.2		20.0			
Chlorobenzene	+++++ 1.1505	+++++ 1.1186	0.9965 0.9932	1.0889 0.9148	1.0936	Ave		1.0509			0.5000	8.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-341362-1 Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 Calibration End Date: 11/10/2025 13:08 Calibration ID: 103192

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	+++++ 0.4151	+++++ 0.4175	0.3322 0.3923	0.3246 0.3610	0.3715	Ave		0.3735				9.9		20.0			
Ethylbenzene	+++++ 0.6323	+++++ 0.6147	0.5585 0.5381	0.5795 0.4726	0.5968	Ave		0.5703			0.1000	9.4		20.0			
m-Xylene & p-Xylene	+++++ 0.7737	+++++ 0.7522	0.6938 0.6682	0.6979 0.6292	0.7339	Ave		0.7070			0.1000	7.1		20.0			
o-Xylene	+++++ 0.7464	+++++ 0.7212	0.6511 0.6307	0.6852 0.5751	0.7101	Ave		0.6743			0.3000	8.8		20.0			
n-Butyl acrylate	+++++ 0.2298	+++++ 0.2324	0.1948 0.1962	0.2552 0.1721	0.2189	Ave		0.2142				13.1		20.0			
Styrene	+++++ 1.1860	+++++ 1.1441	1.0503 0.9875	1.0557 0.8991	1.1188	Ave		1.0631			0.3000	9.2		20.0			
Bromoform	+++++ 0.2159	+++++ 0.2336	0.1635 0.2485	0.1549 +++++	0.1878	Ave		0.2007			0.1000	19.0		20.0			
Amyl acetate (mixed isomers)	+++++ 0.8732	+++++ 0.9011	0.8122 0.8141	1.1044 0.8129	0.8021	Ave		0.8743				12.4		20.0			
Isopropylbenzene	+++++ 1.7305	+++++ 1.6739	1.5364 1.4767	1.6259 1.3663	1.6443	Ave		1.5791			0.1000	8.0		20.0			
Bromobenzene	+++++ 0.9408	+++++ 0.9324	0.7746 0.8578	0.8961 0.8342	0.8746	Ave		0.8729				6.6		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6268	0.6270 0.6298	0.5526 0.5950	0.5980 0.6118	0.5970	Ave		0.6048			0.3000	4.2		20.0			
1,2,3-Trichloropropane	+++++ 0.2170	+++++ 0.2120	0.2063 0.1925	0.2141 0.1842	0.2100	Ave		0.2052				5.9		20.0			
N-Propylbenzene	+++++ 4.1064	+++++ 4.0223	3.4014 3.4548	3.9374 2.8602	3.8458	Ave		3.6612				12.2		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1869	+++++ 0.2039	0.2175 0.1944	0.1960 0.2003	0.1791	Ave		0.1969				6.2		20.0			
2-Chlorotoluene	+++++ 2.6248	+++++ 2.5396	2.2621 2.2250	2.5073 1.9750	2.4516	Ave		2.3693				9.6		20.0			
4-Ethyltoluene	+++++ 3.4373	+++++ 3.3751	2.9983 2.9019	3.2685 2.4561	3.2214	Ave		3.0941				11.0		20.0			
1,3,5-Trimethylbenzene	+++++ 2.8396	+++++ 2.7636	2.4952 2.3441	2.7087 1.9023	2.6539	Ave		2.5296				12.8		20.0			
4-Chlorotoluene	+++++ 2.9145	+++++ 2.8097	2.5532 2.3663	2.9230 1.9239	2.7494	Ave		2.6057				13.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-341362-1 Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 Calibration End Date: 11/10/2025 13:08 Calibration ID: 103192

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.7806	+++++ 0.8103	0.5778 0.7378	0.8310 0.6988	0.6898	Ave		0.7323				11.8		20.0			
tert-Butylbenzene	+++++ 2.4562	+++++ 2.3838	2.1006 2.0889	2.3877 1.8106	2.3248	Ave		2.2218				10.4		20.0			
1,2,4-Trimethylbenzene	+++++ 2.8802	+++++ 2.8113	2.4852 2.4168	2.7833 2.0482	2.6646	Ave		2.5842				11.3		20.0			
sec-Butylbenzene	+++++ 3.3094	+++++ 3.2313	2.8451 2.8364	3.3342 2.3873	3.1603	Ave		3.0149				11.4		20.0			
1,3-Dichlorobenzene	+++++ 1.5818	+++++ 1.5734	1.3628 1.4406	1.6554 1.3167	1.4856	Ave		1.4881			0.6000	8.3		20.0			
4-Isopropyltoluene	+++++ 2.8806	+++++ 2.8220	2.4433 2.4802	2.8428 2.0688	2.7317	Ave		2.6099				11.3		20.0			
1,4-Dichlorobenzene	+++++ 1.5697	+++++ 1.5573	1.3748 1.4225	1.7361 1.3001	1.4760	Ave		1.4909			0.5000	9.7		20.0			
1,2,3-Trimethylbenzene	+++++ 2.8269	+++++ 2.7470	2.4041 2.3832	2.7995 1.9859	2.6366	Ave		2.5405				11.9		20.0			
Benzyl chloride	+++++ 1.0718	+++++ 1.1737	0.8837 1.1789	0.8456 1.1907	0.9484	Ave		1.0418				14.2		20.0			
Indan	+++++ 2.4417	+++++ 2.4253	2.1162 2.1040	2.4150 1.7987	2.2750	Ave		2.2251				10.6		20.0			
p-Diethylbenzene	+++++ 1.6541	+++++ 1.6427	1.3440 1.4209	1.7188 1.1747	1.5184	Ave		1.4962				13.0		20.0			
n-Butylbenzene	+++++ 1.3356	+++++ 1.3078	1.1333 1.1478	1.5492 0.9069	1.2510	Ave		1.2331				16.2		20.0			
1,2-Dichlorobenzene	+++++ 1.3687	+++++ 1.3603	1.1776 1.2397	1.5029 1.1282	1.2945	Ave		1.2960			0.4000	9.8		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.3342	+++++ 2.3521	1.9070 2.0875	2.5538 1.7435	2.1199	Ave		2.1569				12.9		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1107	+++++ 0.1203	0.0672 0.1245	0.1220 +++++	0.1037	Ave		0.1081			0.0200	19.9		20.0			
1,3,5-Trichlorobenzene	+++++ 0.9512	+++++ 0.9571	0.7614 0.8983	1.2035 0.8256	0.8782	Ave		0.9250				15.2		20.0			
1,2,4-Trichlorobenzene	+++++ 0.6936	+++++ 0.7259	0.5590 0.7101	1.1697 0.6983	0.6433	QuaF		0.7187	-0.000041		0.2000				1.0000		0.9900
Hexachlorobutadiene	+++++ 0.4079	+++++ 0.4148	+++++ 0.4195	+++++ 0.3868	0.3776	Ave		0.4013				4.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-341362-1 Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 Calibration End Date: 11/10/2025 13:08 Calibration ID: 103192

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.3236	+++++ 1.4431	+++++ 1.3795	2.8494 1.4122	1.2551	Qua	0.8564	1.3589	0.0001026						1.0000		0.9900
1,2,3-Trichlorobenzene	+++++ 0.5267	+++++ 0.5577	0.4531 0.5434	1.0547 0.5539	0.4876	Qua	0.1488	0.5373	0.0000324						1.0000		0.9900
Dibromofluoromethane (Surr)	0.2612 0.2573	0.2664 0.2563	0.2633 0.2468	0.2640 0.2207	0.2595	Ave		0.2551				5.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2980 0.2884	0.3008 0.2873	0.2995 0.2769	0.3060 0.2438	0.2949	Ave		0.2884				6.5		20.0			
Toluene-d8 (Surr)	1.1724 1.1849	1.1764 1.1831	1.1808 1.2022	1.1937 1.2521	1.1862	Ave		1.1924				2.0		20.0			
4-Bromofluorobenzene	0.4277 0.4185	0.4256 0.4147	0.4234 0.4121	0.4106 0.4321	0.4195	Ave		0.4205				1.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-341362-1 | Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 | Calibration End Date: 11/10/2025 13:08 | Calibration ID: 103192

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1073610/4	T694801.D
Level 2	STD9 460-1073610/3	T694800.D
Level 3	STD05 460-1073610/5	T694802.D
Level 4	STD1 460-1073610/16	T694813.D
Level 5	STD5 460-1073610/7	T694804.D
Level 6	STD20 460-1073610/8	T694805.D
Level 7	STD50 460-1073610/9	T694806.D
Level 8	STD200 460-1073610/10	T694807.D
Level 9	STD500 460-1073610/11	T694808.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 15629	+++++ 39644	358 209265	511 +++++	3881	+++++ 20.0	+++++ 50.0	0.500 200	1.00 +++++	5.00
Dichlorodifluoromethane	FB	Lin2	+++++ 90405	+++++ 226965	+++++ 917617	2018 2178003	22458	+++++ 20.0	+++++ 50.0	+++++ 200	1.00 500	5.00
Chlorodifluoromethane	FB	Ave	+++++ 13854	+++++ 34155	348 140871	698 352267	3395	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Chloromethane	FB	Ave	+++++ 57300	+++++ 141662	1408 561452	2827 1430604	13630	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Vinyl chloride	FB	Ave	+++++ 51709	+++++ 128750	1227 469412	2170 1106012	12105	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Butadiene	FB	Ave	+++++ 42336	+++++ 106143	1063 387853	1632 914199	10220	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Bromomethane	FB	Ave	+++++ 17389	+++++ 45124	421 215110	890 380744	4037	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Chloroethane	FB	Ave	+++++ 38168	+++++ 89005	1006 287710	1886 629244	9978	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Dichlorofluoromethane	FB	Ave	+++++ 160438	+++++ 396660	3355 1391843	7075 3115310	38245	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Trichlorofluoromethane	FB	Ave	+++++ 128169	+++++ 324186	2925 1240018	4258 2985571	30996	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Pentane	FB	Ave	+++++ 21697	+++++ 53596	502 186672	667 +++++	5260	+++++ 40.0	+++++ 100	1.00 400	2.00 +++++	10.0
Ethanol	TBAd9	Ave	+++++ 7365	+++++ 16491	260 59397	469 200138	2019	+++++ 800	+++++ 2000	20.0 8000	40.0 20000	200
Ethyl ether	FB	Lin2	+++++ 57411	+++++ 139319	3056 478268	4458 1069578	15243	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2-Methyl-1,3-butadiene	FB	Ave	+++++ 61316	+++++ 150505	1485 484460	2559 +++++	15035	+++++ 20.0	+++++ 50.0	0.500 200	1.00 +++++	5.00
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++	+++++	1541	3096	15543	+++++	+++++	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-341362-1 | Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 | Calibration End Date: 11/10/2025 13:08 | Calibration ID: 103192

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			63965	156302	577400	1392122		20.0	50.0	200	500	
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 94049	+++++ 236050	2291 880361	4535 2215940	22728	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Acrolein	TBAd9	Ave	+++++ 18513	+++++ 41569	856 84509	2193 173565	8780	+++++ 40.0	+++++ 100	2.00 200	4.00 400	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 65168	+++++ 160286	1427 613421	2203 1336073	15816	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1-Dichloroethene	FB	Ave	+++++ 70402	+++++ 171605	1549 589149	2837 1372277	16831	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Acetone	BUT	Ave	+++++ 75105	+++++ 184384	1991 987100	4013 2577269	18333	+++++ 100	+++++ 250	2.50 1000	5.00 2500	25.0
Iodomethane	FB	Qua	+++++ 79877	+++++ 205704	725 704926	939 1482197	13442	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Isopropyl alcohol	TBAd9	Ave	+++++ 27553	+++++ 64729	821 229005	1691 608063	6673	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Carbon disulfide	FB	Ave	+++++ 217921	+++++ 546514	4582 1715340	9498 3934189	49686	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
3-Chloro-1-propene	FB	Ave	+++++ 45992	+++++ 110717	998 338920	1901 725493	10160	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methyl acetate	FB	Ave	+++++ 77026	+++++ 191116	1926 636234	3883 1519980	18735	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
Cyclopentene	FB	Ave	+++++ 181460	+++++ 453471	4274 1444502	7390 2709437	43372	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Acetonitrile	BUT	Ave	+++++ 96501	+++++ 231460	2206 728520	4649 1675693	24038	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Methylene Chloride	FB	Ave	+++++ 80479	+++++ 193533	2040 677483	3876 1623887	18941	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2-Methyl-2-propanol	TBAd9	Ave	+++++ 47452	+++++ 111274	1300 417786	2772 1159285	11439	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 198673	+++++ 501291	4097 1780508	8835 4174479	46619	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
trans-1,2-Dichloroethene	FB	Ave	+++++ 79409	+++++ 196808	1843 657489	3549 1522182	18999	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Acrylonitrile	FB	Ave	+++++ 195164	+++++ 483052	4455 1610572	9875 3609107	48632	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Hexane	FB	Ave	+++++ 83170	+++++ 215394	2257 813791	2774 1609408	20767	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Isopropyl ether	FB	Ave	+++++ 231786	+++++ 562617	4823 1857720	9547 3699132	53270	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1-Dichloroethane	FB	Ave	+++++	+++++	3225	6327	33223	+++++	+++++	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-341362-1 | Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 | Calibration End Date: 11/10/2025 13:08 | Calibration ID: 103192

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			139905	338536	1121529	2346330		20.0	50.0	200	500	
Vinyl acetate	BUT	Ave	+++++ 26141	+++++ 62286	575 220961	1070 485181	5866	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 68806	+++++ 169845	1344 572443	2771 1258489	16284	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Tert-butyl ethyl ether	FB	Ave	+++++ 221846	+++++ 553952	4454 1953345	9507 4454146	51186	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2,2-Dichloropropane	FB	Ave	+++++ 28985	+++++ 70141	662 245146	1130 580099	6919	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
cis-1,2-Dichloroethene	FB	Ave	+++++ 89999	+++++ 216515	1957 747182	3872 1682046	20975	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2-Butanone (MEK)	BUT	Ave	+++++ 30733	+++++ 76045	799 300323	1585 715517	7611	+++++ 100	+++++ 250	2.50 1000	5.00 2500	25.0
Ethyl acetate	BUT	Ave	+++++ 13333	+++++ 32957	486 116541	729 287308	3366	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
Methyl acrylate	FB	Ave	+++++ 48151	+++++ 122267	1334 438062	2259 1182456	11631	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Propionitrile	FB	Ave	+++++ 73092	+++++ 179115	1563 621477	3879 1583460	18078	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Chlorobromomethane	FB	Ave	+++++ 41880	+++++ 96938	899 321267	1831 751486	9730	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Tetrahydrofuran	BUT	Ave	+++++ 12708	+++++ 30609	287 99095	706 213073	3186	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
Methacrylonitrile	FB	Ave	+++++ 237856	+++++ 576880	5416 1812855	11652 3415461	57718	+++++ 200	+++++ 500	5.00 2000	10.0 5000	50.0
Chloroform	FB	Ave	+++++ 148138	+++++ 359825	3279 1272953	6384 2950688	34384	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1,1-Trichloroethane	FB	Ave	+++++ 134318	+++++ 330633	2970 1157258	5622 2643548	31651	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Cyclohexane	FB	Ave	+++++ 100855	+++++ 248789	2277 884976	3785 1847177	24852	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Carbon tetrachloride	FB	Ave	+++++ 115143	+++++ 293109	2442 1096365	4340 2680227	26618	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1-Dichloropropene	FB	Ave	+++++ 111405	+++++ 274453	2304 954675	4734 2212293	26536	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Isobutyl alcohol	TBAd9	Ave	+++++ 44737	+++++ 110104	1007 417398	2524 1120808	10276	+++++ 500	+++++ 1250	12.5 5000	25.0 12500	125
Benzene	CBNZd5	Ave	+++++ 306431	3067 737111	6817 2455325	13510 5285329	72586	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Isooctane	FB	Ave	+++++	+++++	3697	5430	37291	+++++	+++++	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-341362-1 | Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 | Calibration End Date: 11/10/2025 13:08 | Calibration ID: 103192

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			149783	375760	1515625	2358480		20.0	50.0	200	500	
Isopropyl acetate	FB	Ave	+++++ 31912	+++++ 79962	764 272610	1552 586859	7615	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dichloroethane	FB	Ave	+++++ 108263	1103 262968	2457 905053	5135 1924484	25618	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Tert-amyl methyl ether	FB	Ave	+++++ 195639	+++++ 492822	3912 1718282	8094 3692789	44753	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Heptane	FB	Ave	+++++ 68292	+++++ 178756	1694 730050	2613 1457207	17466	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Butanol	TBAd9	Ave	+++++ 26261	+++++ 66280	645 251090	1941 696617	6173	+++++ 500	+++++ 1250	12.5 5000	25.0 12500	125
Trichloroethene	FB	Ave	+++++ 87054	819 212953	1952 757543	3648 1807735	20572	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Ethyl acrylate	FB	Ave	+++++ 149319	+++++ 378634	3114 1395911	6437 3023164	35730	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Methylcyclohexane	FB	Ave	+++++ 105626	+++++ 265722	2406 1029437	3750 2160065	25743	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dichloropropane	FB	Ave	+++++ 77628	753 192913	1642 678497	3484 1579303	18179	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Methyl methacrylate	FB	Ave	+++++ 31684	+++++ 79387	669 285634	1402 684830	7357	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
1,4-Dioxane	DXE	Ave	+++++ 10964	+++++ 25498	519 85911	1264 222613	2670	+++++ 400	+++++ 1000	25.0 4000	50.0 10000	100
Dibromomethane	FB	Ave	+++++ 46036	+++++ 112987	1069 401921	2159 885745	10920	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Propyl acetate	FB	Ave	+++++ 72332	+++++ 182452	1324 664218	3532 1696688	16986	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Dichlorobromomethane	FB	Ave	+++++ 102138	846 258634	2036 988679	3805 2440091	22512	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
2-Nitropropane	BUT	Ave	+++++ 26564	+++++ 72378	776 282425	1019 746090	5841	+++++ 40.0	+++++ 100	1.00 400	2.00 1000	10.0
Epichlorohydrin	BUT	Ave	+++++ 66980	+++++ 200217	2002 681705	2914 1732282	18036	+++++ 400	+++++ 1000	10.0 4000	20.0 10000	100
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 131607	1100 327056	2624 1191128	4885 2823533	29912	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 237386	+++++ 589467	5091 2052611	11886 4479550	56550	+++++ 100	+++++ 250	2.50 1000	5.00 2500	25.0
Toluene	CBNZd5	Ave	+++++ 333426	+++++ 813257	7675 2779140	15428 6185940	79282	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-341362-1 Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 Calibration End Date: 11/10/2025 13:08 Calibration ID: 103192

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 112438	935 283466	2246 1051480	4400 2541439	24690	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Ethyl methacrylate	CBNZd5	Ave	+++++ 78046	+++++ 196111	1721 719284	3533 1778715	18514	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 51539	520 128265	1127 471077	2371 1144060	12231	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
Tetrachloroethene	CBNZd5	Ave	+++++ 96649	998 239546	2037 855995	4213 2032351	22690	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
1,3-Dichloropropane	CBNZd5	Ave	+++++ 109393	+++++ 271331	2319 989614	4714 2365482	25982	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
2-Hexanone	BUT	Ave	+++++ 160343	+++++ 397538	3743 1495211	9518 3464070	38406	+++++ 100	+++++ 250	2.50 1000	5.00 2500	25.0
Chlorodibromomethane	CBNZd5	Ave	+++++ 72691	566 190713	1378 758166	2515 1856438	15433	+++++ 20.0	0.200 50.0	0.500 200	1.00 500	5.00
n-Butyl acetate	CBNZd5	Ave	+++++ 78936	+++++ 195135	1629 686124	4165 1553800	18898	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Ethylene Dibromide	CBNZd5	Ave	+++++ 63411	+++++ 157655	1342 577548	2699 1442007	14523	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Chlorobenzene	CBNZd5	Ave	+++++ 221443	+++++ 536674	4625 1863964	9956 4083075	51946	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 79896	+++++ 200306	1542 736269	2968 1611340	17645	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Ethylbenzene	CBNZd5	Ave	+++++ 121694	+++++ 294914	2592 1009902	5298 2109193	28346	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 148925	+++++ 360863	3220 1253957	6381 2808109	34862	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
o-Xylene	CBNZd5	Ave	+++++ 143671	+++++ 345983	3022 1183591	6265 2566644	33729	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Butyl acrylate	CBNZd5	Ave	+++++	+++++	904	2333	10400	+++++	+++++	0.500	1.00	5.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-341362-1 | Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 | Calibration End Date: 11/10/2025 13:08 | Calibration ID: 103192

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			44226	111492	368167	767992		20.0	50.0	200	500	
Styrene	CBNZd5	Ave	+++++	+++++	4875	9652	53142	+++++	+++++	0.500	1.00	5.00
			228276	548869	1853226	4012795		20.0	50.0	200	500	
Bromoform	CBNZd5	Ave	+++++	+++++	759	1416	8922	+++++	+++++	0.500	1.00	5.00
			41564	112081	466280	+++++		20.0	50.0	200	+++++	
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++	+++++	2031	5313	20396	+++++	+++++	0.500	1.00	5.00
			88657	225685	796677	1948411		20.0	50.0	200	500	
Isopropylbenzene	CBNZd5	Ave	+++++	+++++	7131	14865	78103	+++++	+++++	0.500	1.00	5.00
			333071	803047	2771218	6098115		20.0	50.0	200	500	
Bromobenzene	DCBd4	Ave	+++++	+++++	1937	4311	22240	+++++	+++++	0.500	1.00	5.00
			95525	233506	839483	1999465		20.0	50.0	200	500	
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++	622	1382	2877	15180	+++++	0.200	0.500	1.00	5.00
			63639	157739	582293	1466490		20.0	50.0	200	500	
1,2,3-Trichloropropane	DCBd4	Ave	+++++	+++++	516	1030	5341	+++++	+++++	0.500	1.00	5.00
			22030	53101	188427	441530		20.0	50.0	200	500	
N-Propylbenzene	DCBd4	Ave	+++++	+++++	8506	18942	97793	+++++	+++++	0.500	1.00	5.00
			416927	1007354	3380958	6855805		20.0	50.0	200	500	
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++	+++++	544	943	4555	+++++	+++++	0.500	1.00	5.00
			18980	51053	190242	480067		20.0	50.0	200	500	
2-Chlorotoluene	DCBd4	Ave	+++++	+++++	5657	12062	62339	+++++	+++++	0.500	1.00	5.00
			266494	636027	2177446	4733996		20.0	50.0	200	500	
4-Ethyltoluene	DCBd4	Ave	+++++	+++++	7498	15724	81915	+++++	+++++	0.500	1.00	5.00
			348994	845267	2839861	5887266		20.0	50.0	200	500	
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++	+++++	6240	13031	67484	+++++	+++++	0.500	1.00	5.00
			288305	692115	2294005	4559777		20.0	50.0	200	500	
4-Chlorotoluene	DCBd4	Ave	+++++	+++++	6385	14062	69912	+++++	+++++	0.500	1.00	5.00
			295913	703663	2315683	4611436		20.0	50.0	200	500	
Butyl Methacrylate	DCBd4	Ave	+++++	+++++	1445	3998	17541	+++++	+++++	0.500	1.00	5.00
			79258	202932	722040	1675112		20.0	50.0	200	500	
tert-Butylbenzene	DCBd4	Ave	+++++	+++++	5253	11487	59115	+++++	+++++	0.500	1.00	5.00
			249385	597009	2044248	4339960		20.0	50.0	200	500	
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++	+++++	6215	13390	67756	+++++	+++++	0.500	1.00	5.00
			292429	704078	2365096	4909530		20.0	50.0	200	500	
sec-Butylbenzene	DCBd4	Ave	+++++	+++++	7115	16040	80362	+++++	+++++	0.500	1.00	5.00
			336003	809258	2775721	5722292		20.0	50.0	200	500	
1,3-Dichlorobenzene	DCBd4	Ave	+++++	+++++	3408	7964	37777	+++++	+++++	0.500	1.00	5.00
			160601	394048	1409850	3156066		20.0	50.0	200	500	
4-Isopropyltoluene	DCBd4	Ave	+++++	+++++	6110	13676	69462	+++++	+++++	0.500	1.00	5.00
			292472	706754	2427225	4958905		20.0	50.0	200	500	

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-341362-1 | Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 | Calibration End Date: 11/10/2025 13:08 | Calibration ID: 103192

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 159369	+++++ 390013	3438 1392114	8352 3116409	37532	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 287022	+++++ 687976	6012 2332268	13468 4760106	67044	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Benzyl chloride	DCBd4	Ave	+++++ 108822	+++++ 293932	2210 1153675	4068 2854188	24116	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Indan	DCBd4	Ave	+++++ 247905	+++++ 607393	5292 2059072	11618 4311480	57850	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
p-Diethylbenzene	DCBd4	Ave	+++++ 167943	+++++ 411410	3361 1390555	8269 2815837	38610	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
n-Butylbenzene	DCBd4	Ave	+++++ 135609	+++++ 327538	2834 1123302	7453 2173843	31810	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 138966	+++++ 340678	2945 1213240	7230 2704347	32918	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 236989	+++++ 589069	4769 2042857	12286 4179222	53905	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 11237	+++++ 30117	168 121858	587 +++++	2638	+++++ 20.0	+++++ 50.0	0.500 200	1.00 +++++	5.00
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 96577	+++++ 239699	1904 879063	5790 1979027	22330	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
1,2,4-Trichlorobenzene	DCBd4	QuaF	+++++ 70422	+++++ 181808	1398 694905	5627 1673794	16357	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Hexachlorobutadiene	DCBd4	Ave	+++++ 41413	+++++ 103888	+++++ 410575	+++++ 927146	9602	+++++ 20.0	+++++ 50.0	+++++ 200	+++++ 500	5.00
Naphthalene	DCBd4	Qua	+++++ 134383	+++++ 361401	+++++ 1349998	13708 3384916	31915	+++++ 20.0	+++++ 50.0	+++++ 200	1.00 500	5.00
1,2,3-Trichlorobenzene	DCBd4	Qua	+++++ 53476	+++++ 139669	1133 531823	5074 1327616	12398	+++++ 20.0	+++++ 50.0	0.500 200	1.00 500	5.00
Dibromofluoromethane (Surr)	FB	Ave	157127 161767	159653 160101	156995 150905	156638 134423	160790	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	179258 181351	180278 179462	178579 169274	181608 148479	182695	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	544215 570177	544872 567609	548058 564046	545663 558862	563437	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	198515 201354	197114 198953	196520 193361	187697 192879	199242	50.0 50.0	50.0 50.0	50.0 50.0	50.0 50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-341362-1 | Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 | Calibration End Date: 11/10/2025 13:08 | Calibration ID: 103192

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-341362-1 | Analy Batch No.: 1073610

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/10/2025 08:05 | Calibration End Date: 11/10/2025 13:08 | Calibration ID: 103192

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-1073610/4	T694801.D
Level 2	STD9 460-1073610/3	T694800.D
Level 3	STD05 460-1073610/5	T694802.D
Level 4	STD1 460-1073610/16	T694813.D
Level 5	STD5 460-1073610/7	T694804.D
Level 6	STD20 460-1073610/8	T694805.D
Level 7	STD50 460-1073610/9	T694806.D
Level 8	STD200 460-1073610/10	T694807.D
Level 9	STD500 460-1073610/11	T694808.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Dichlorodifluoromethane	+++++	+++++	+++++	-1.4						30		
Ethyl ether	+++++	+++++	-3.7						30			

Report Date: 14-Nov-2025 17:37:24 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Lims ID: STD9
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 10-Nov-2025 08:05:09 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD9
Misc. Info.: 460-0199009-003
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Nov-2025 17:37:23 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 10-Nov-2025 10:13:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.958	2.964	-0.006	99	34298	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.112	4.112	0.000	46	252276	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.641	4.642	-0.001	97	159653	50.0	52.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	90	180278	50.0	52.2	
60 Benzene	78	5.029	5.024	0.005	34	3067	0.2000	0.2254	
61 1,2-Dichloroethane	62	5.113	5.113	0.000	49	1103	0.2000	0.2261	
* 65 Fluorobenzene	96	5.354	5.355	-0.001	98	599334	50.0	50.0	
67 Trichloroethene	95	5.763	5.764	-0.001	37	819	0.2000	0.2101	
71 1,2-Dichloropropane	63	6.078	6.078	0.000	49	753	0.2000	0.2156	
* 73 1,4-Dioxane-d8	96	6.151	6.146	0.005	1	25130	1000.0	1000.0	
77 Dichlorobromomethane	83	6.403	6.408	-0.005	40	846	0.2000	0.1880	
81 cis-1,3-Dichloropropene	75	7.006	7.001	0.005	35	1100	0.2000	0.1917	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	544872	50.0	49.3	
85 trans-1,3-Dichloropropene	75	7.798	7.793	0.005	35	935	0.2000	0.1880	
87 1,1,2-Trichloroethane	83	8.039	8.044	-0.005	23	520	0.2000	0.2156	
88 Tetrachloroethene	166	8.128	8.123	0.005	63	998	0.2000	0.2251	
91 Chlorodibromomethane	129	8.563	8.563	0.000	1	566	0.2000	0.1747	
* 94 Chlorobenzene-d5	117	9.423	9.423	0.000	84	463173	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.326	11.326	0.000	92	197114	50.0	50.6	
107 1,1,2,2-Tetrachloroethane	83	11.604	11.599	0.005	1	622	0.2000	0.2073	
* 120 1,4-Dichlorobenzene-d4	152	12.779	12.779	0.000	96	248026	50.0	50.0	
S 140 Total BTEX	1				0		1.00	0.2254	
S 139 1,3-Dichloropropene, Total	1				0		0.4000	0.3797	

QC Flag Legend
Processing Flags

Reagents:

ACROLEIN W_00189	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00214	Amount Added:	2.00	Units: uL	
GASES Li_00669	Amount Added:	0.00	Units: uL	
14DIOXINTER_00190	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00144	Amount Added:	0.00	Units: uL	
Ethanol mix_00107	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00167	Amount Added:	0.00	Units: uL	
MIX I Hi_00194	Amount Added:	0.00	Units: uL	
7 Freons Hi_00033	Amount Added:	0.00	Units: uL	
GAS Hi_00510	Amount Added:	0.00	Units: uL	
524FREONS_00044	Amount Added:	0.00	Units: uL	
VOA6IS/SURR_00083	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 14-Nov-2025 17:37:24 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D

Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15

Lims ID: STD9

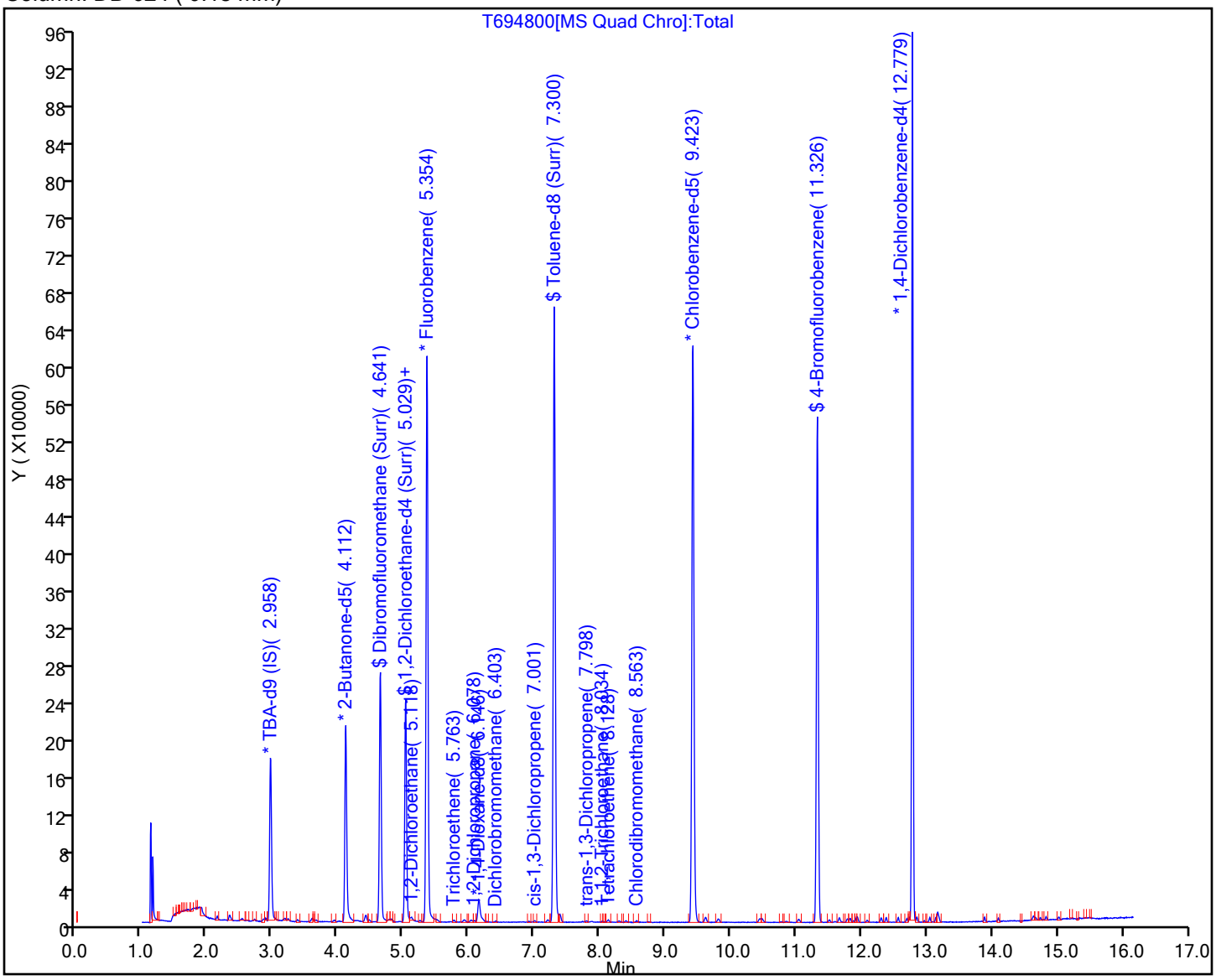
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



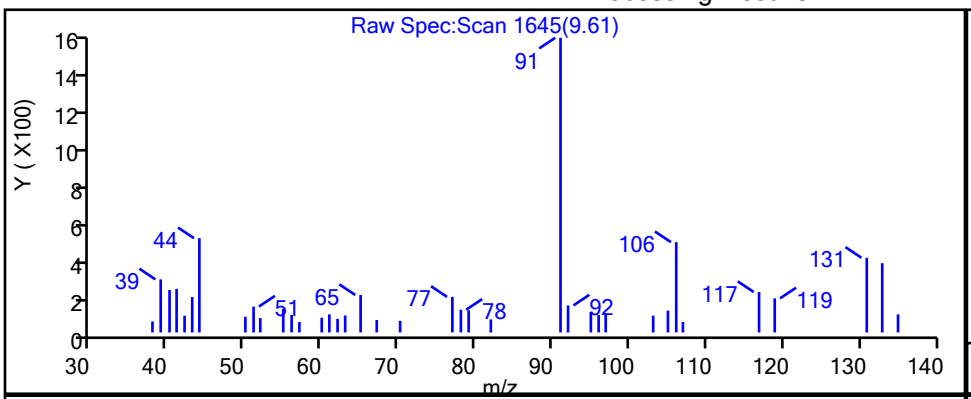
User Disabled Compound Report

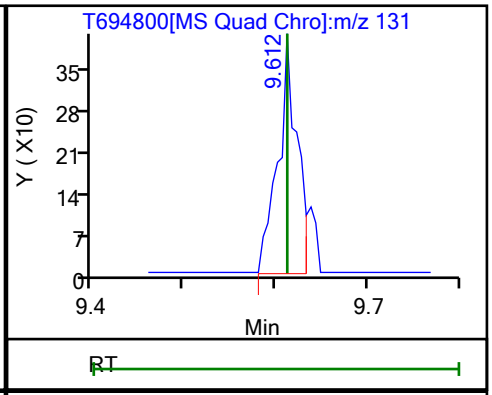
Eurofins Edison

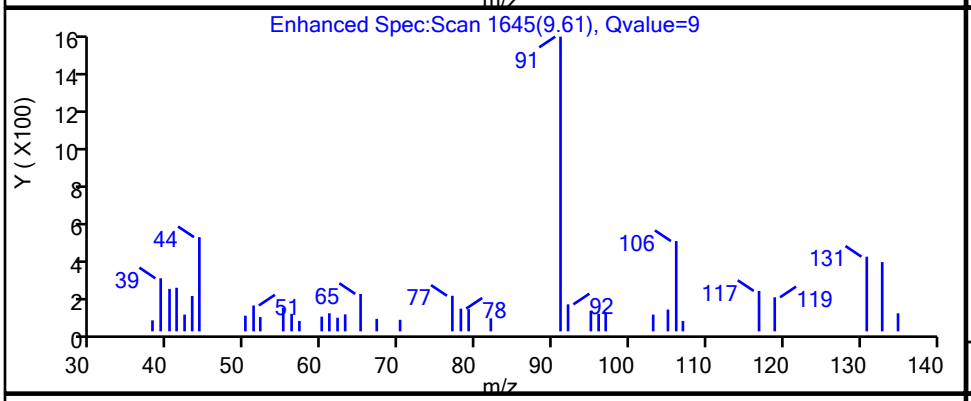
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

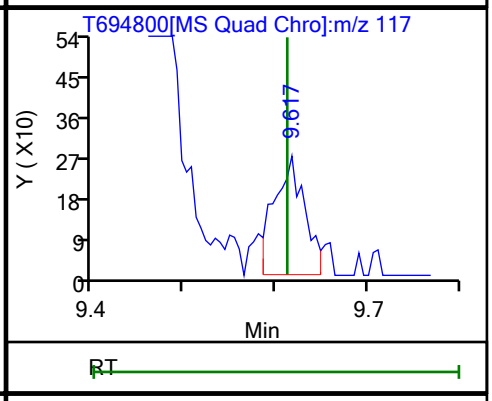
96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

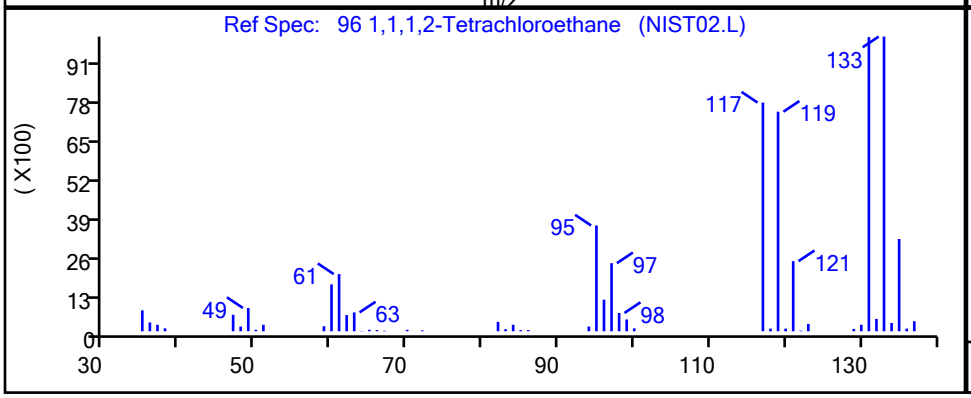
Processing Results

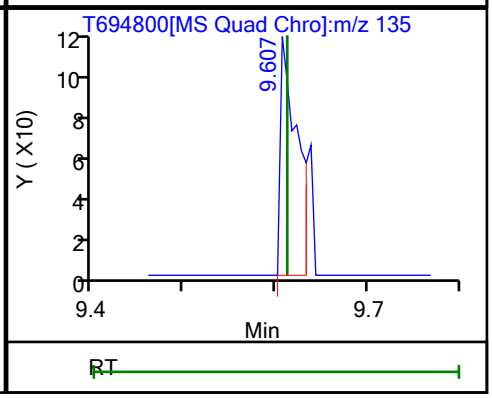












RT	Mass	Response	Amount
9.61	131.00	579	0.170844
9.62	117.00	629	
9.61	135.00	151	

Reviewer: NN6A, 14-Nov-2025 17:00:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

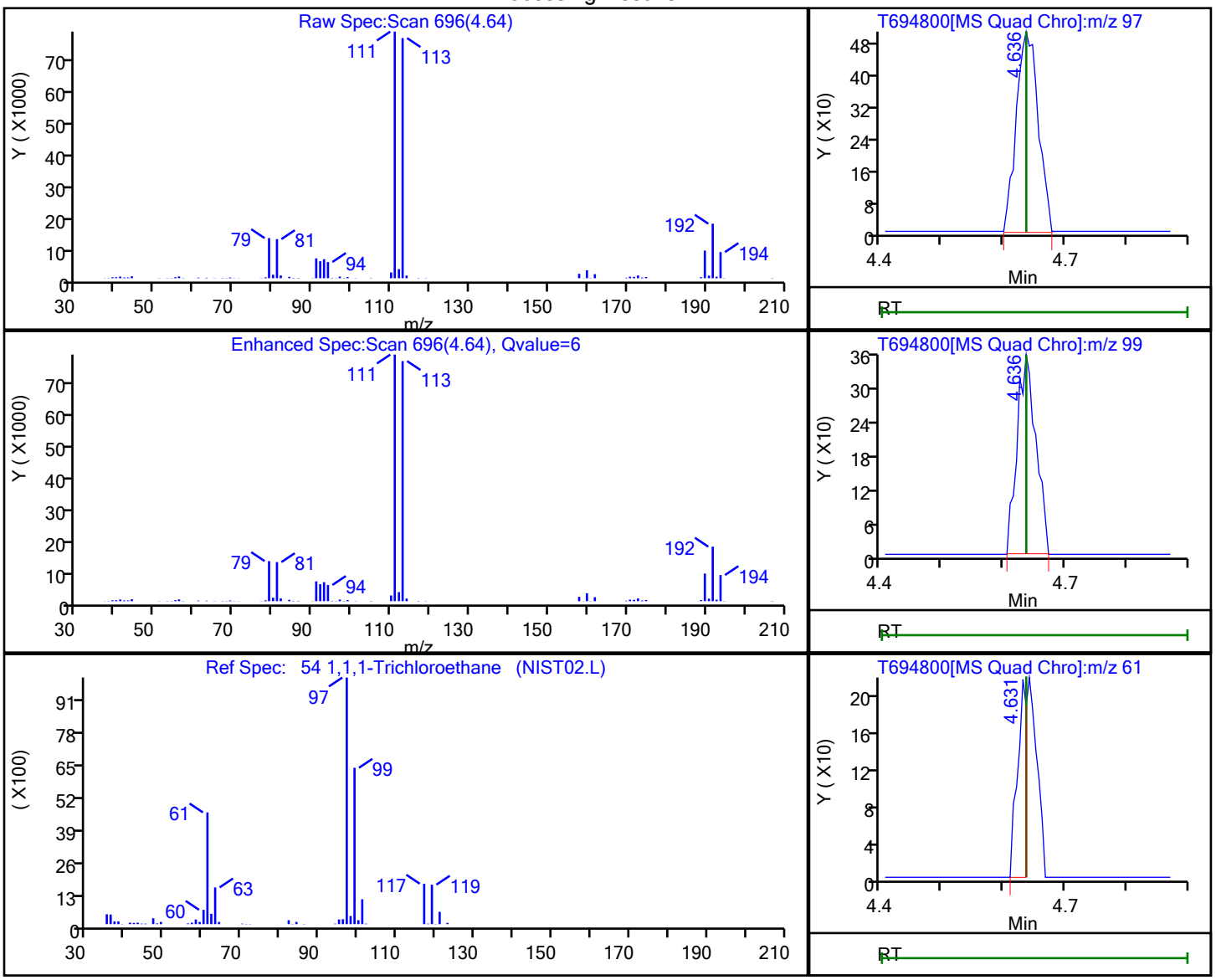
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

54 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
4.64	97.00	1264	0.211934
4.64	99.00	768	
4.63	61.00	227	

Reviewer: NN6A, 14-Nov-2025 16:59:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

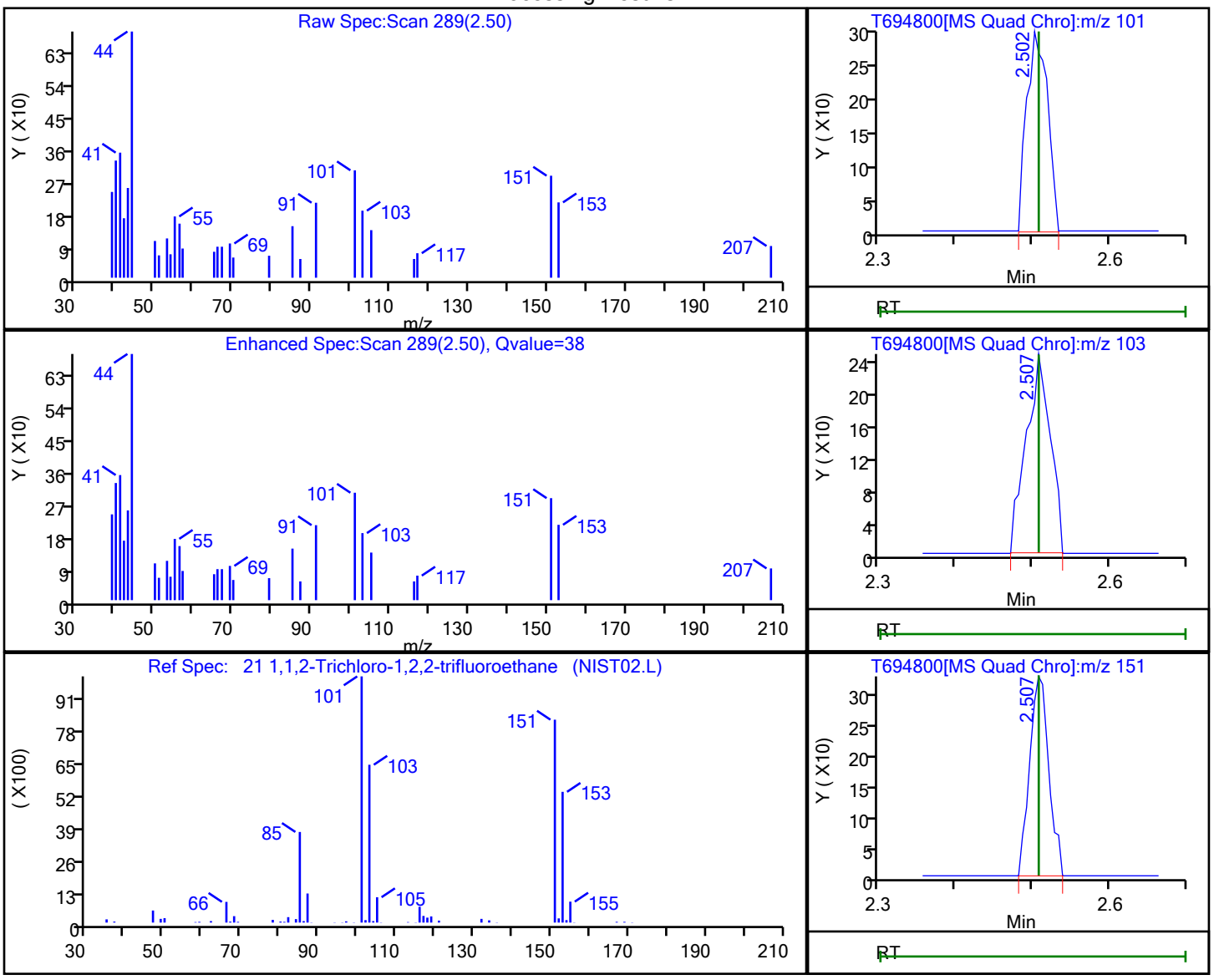
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
2.50	101.00	566	0.198585
2.51	103.00	542	
2.51	151.00	563	
2.51	85.00	304	

Reviewer: NN6A, 14-Nov-2025 16:59:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

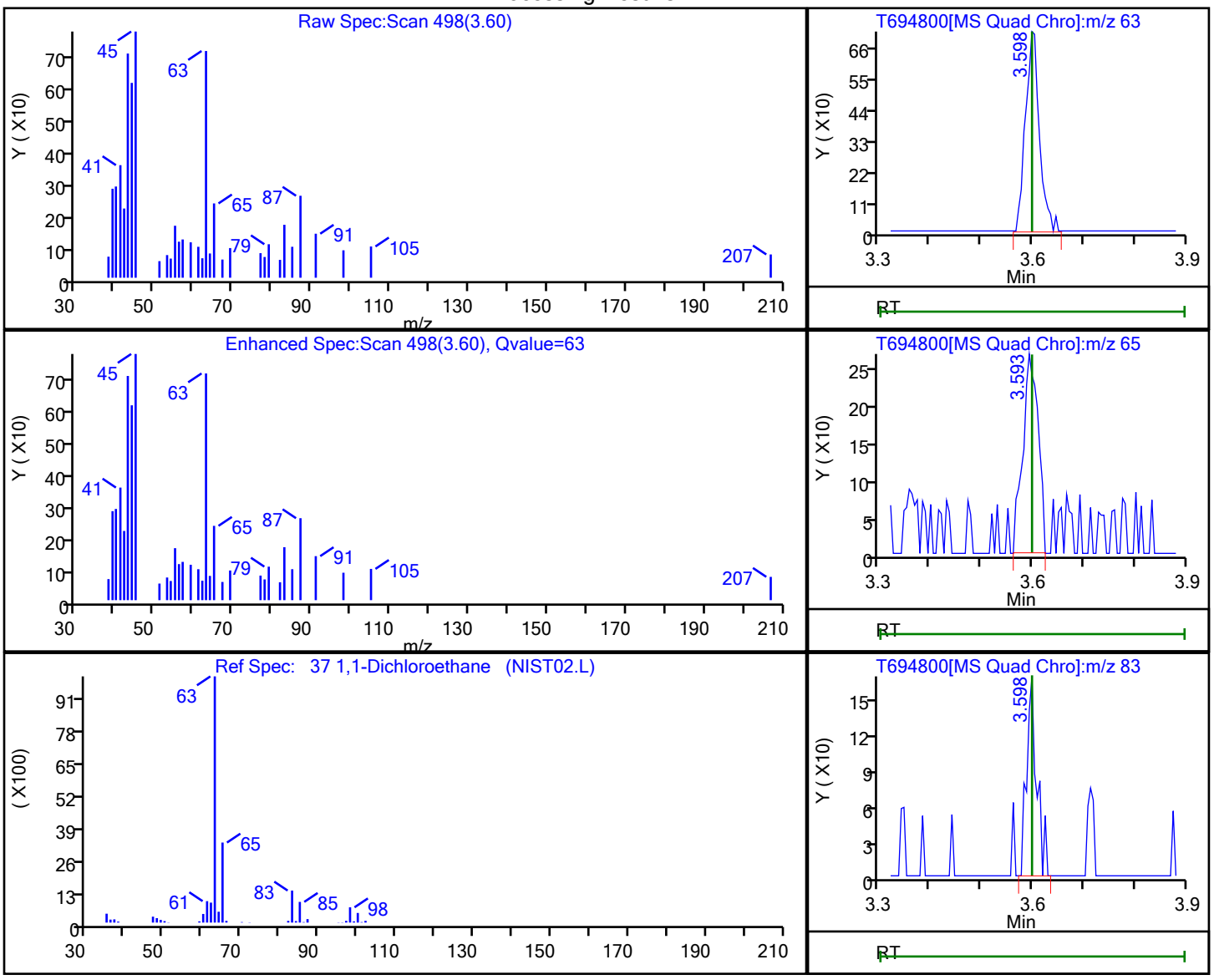
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

37 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.60	63.00	1350	0.218935
3.59	65.00	551	
3.60	83.00	229	

Reviewer: NN6A, 14-Nov-2025 16:59:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

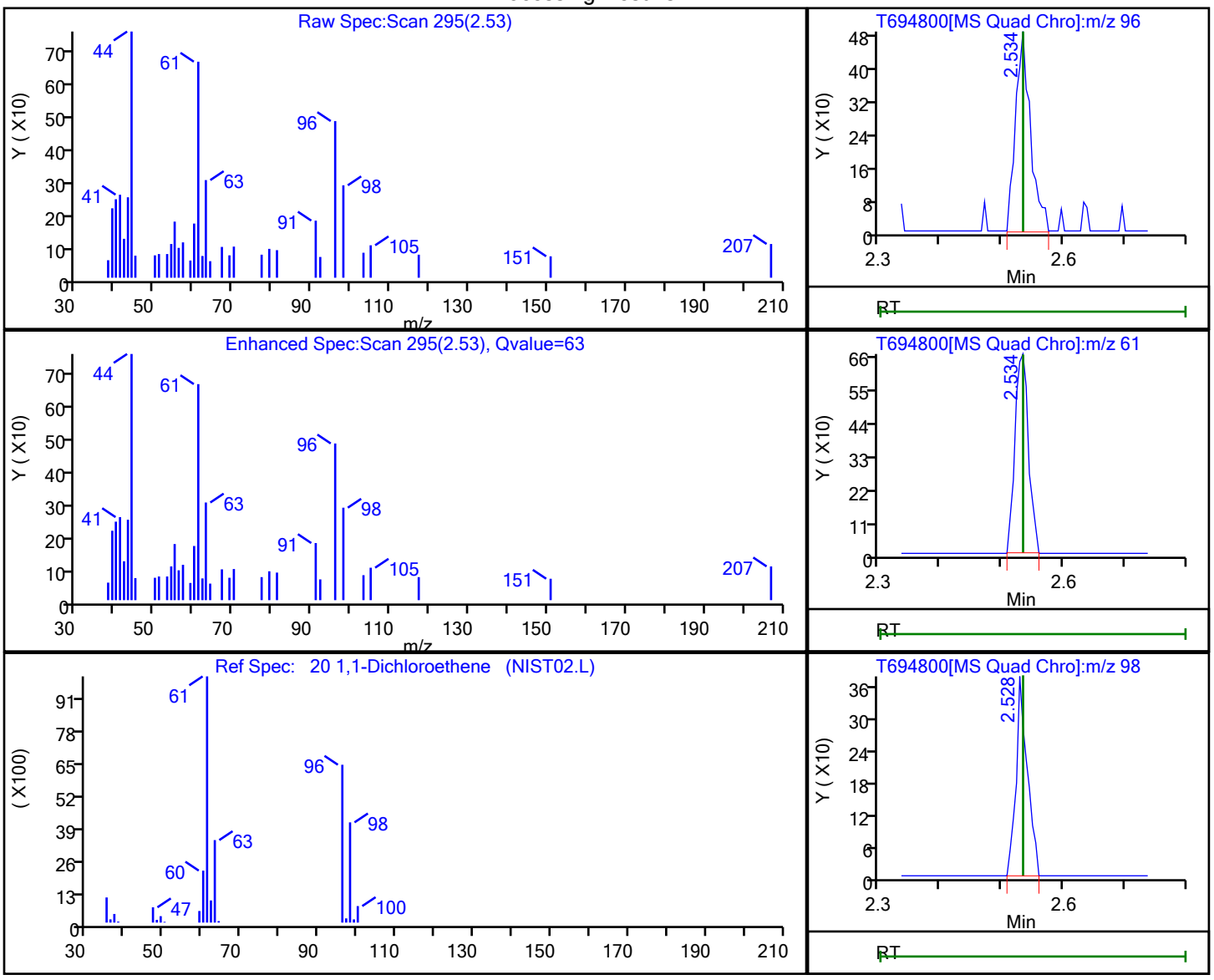
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.53	96.00	817	0.255741
2.53	61.00	1034	
2.53	98.00	488	
2.53	63.00	447	

Reviewer: NN6A, 14-Nov-2025 16:59:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

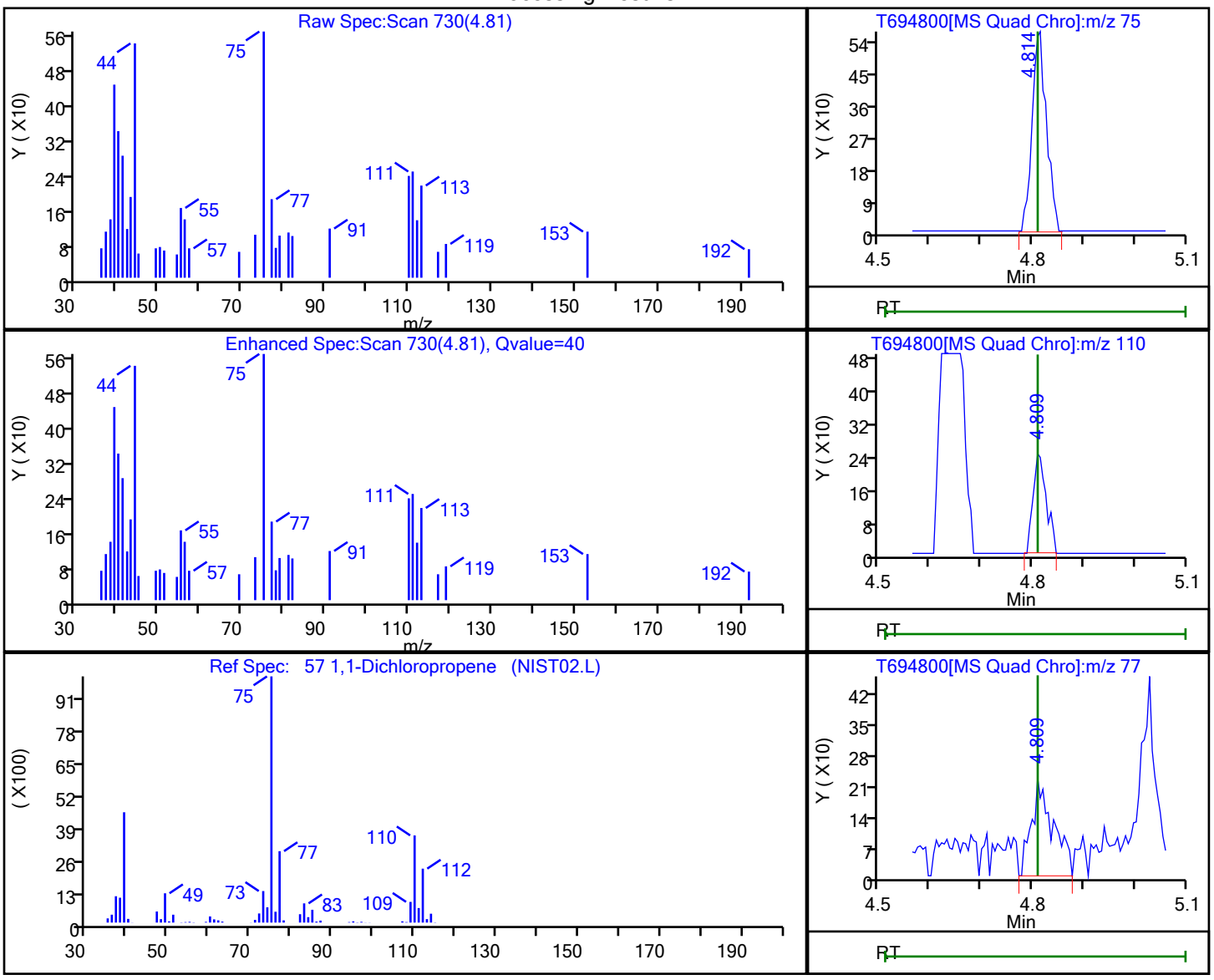
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.81	75.00	1099	0.221735
4.81	110.00	438	
4.81	77.00	666	

Reviewer: NN6A, 14-Nov-2025 16:59:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

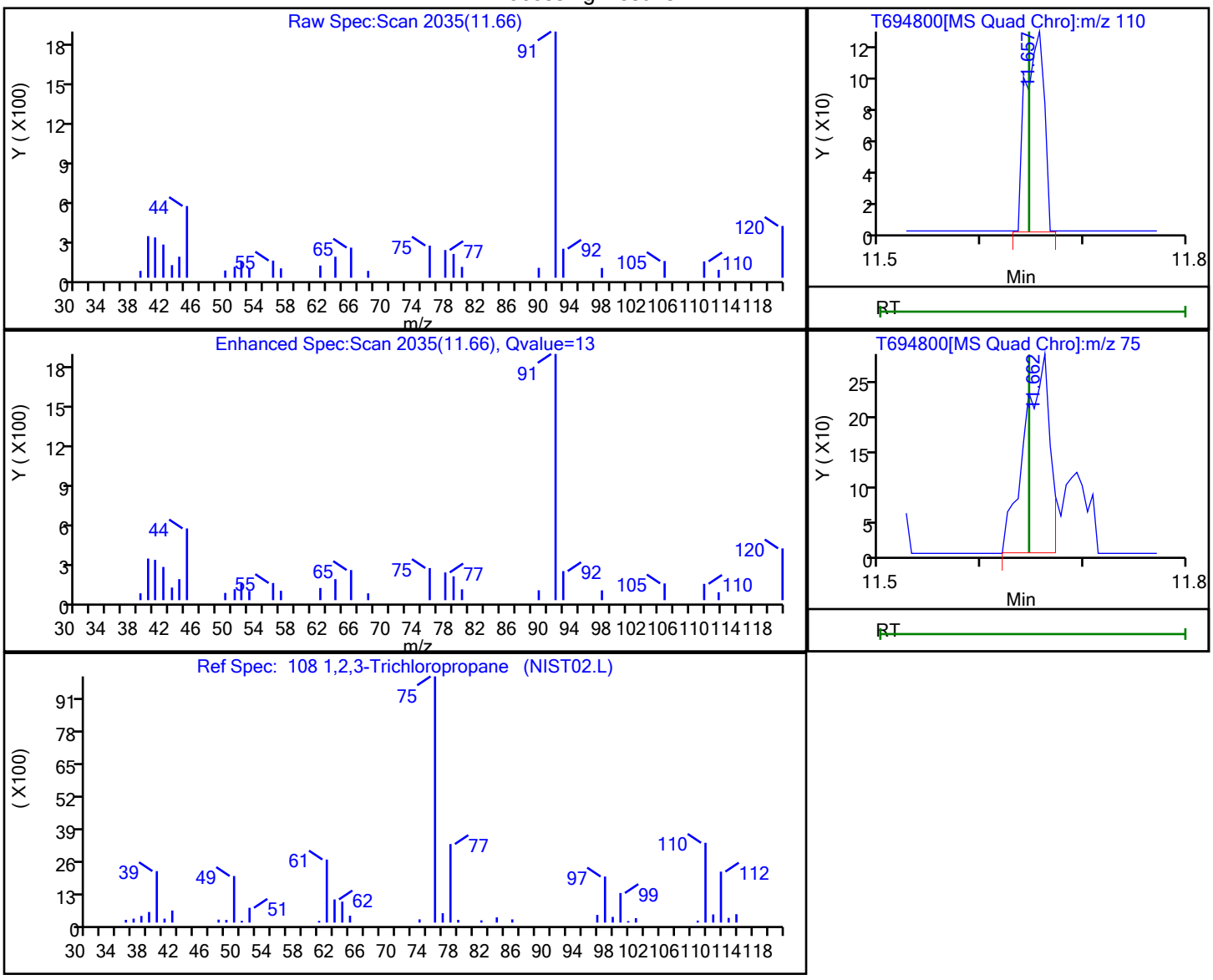
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

108 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
11.66	110.00	154	0.156059
11.66	75.00	497	

Reviewer: NN6A, 14-Nov-2025 17:00:54 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

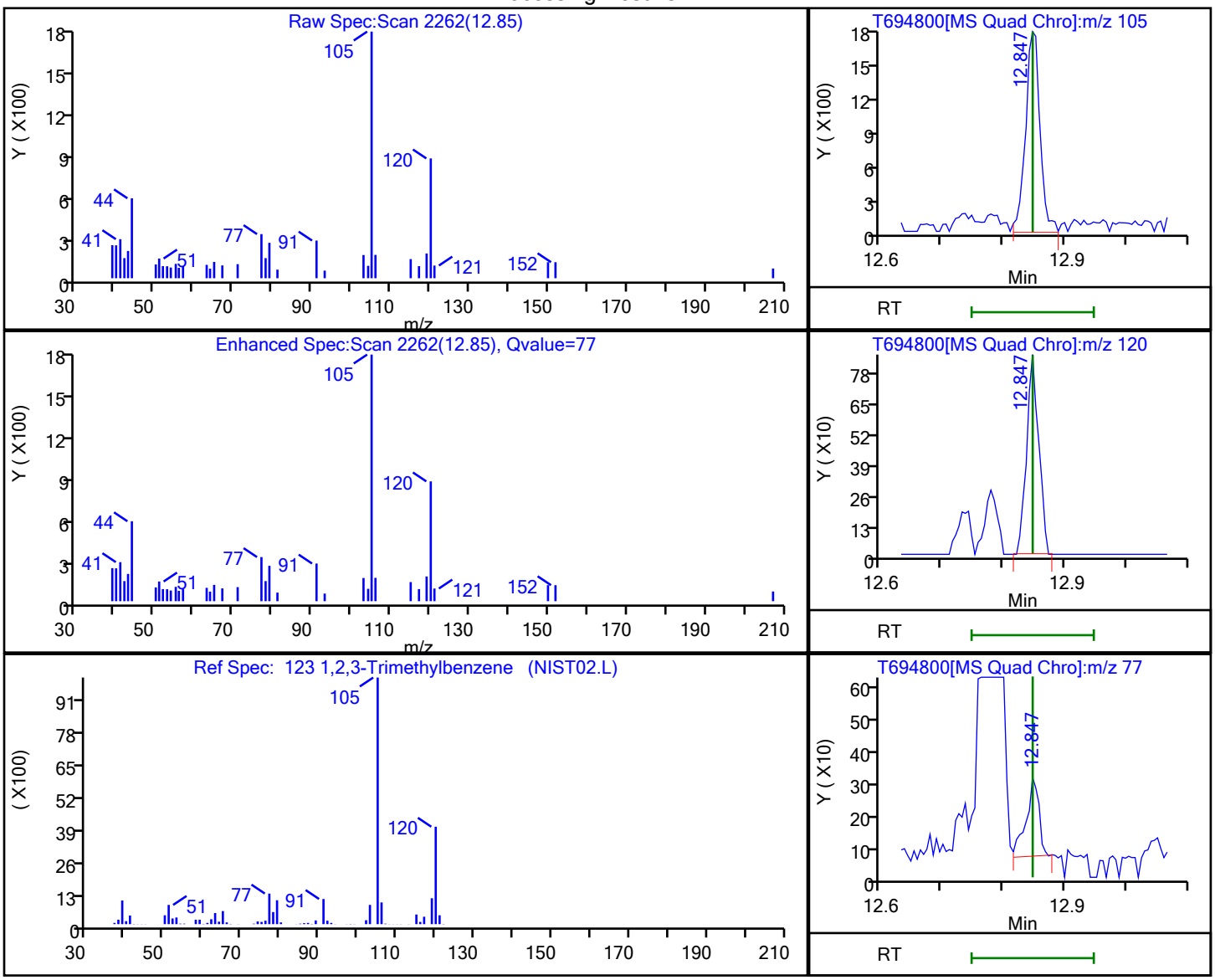
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
12.85	105.00	2873	0.224061
12.85	120.00	1177	
12.85	77.00	356	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

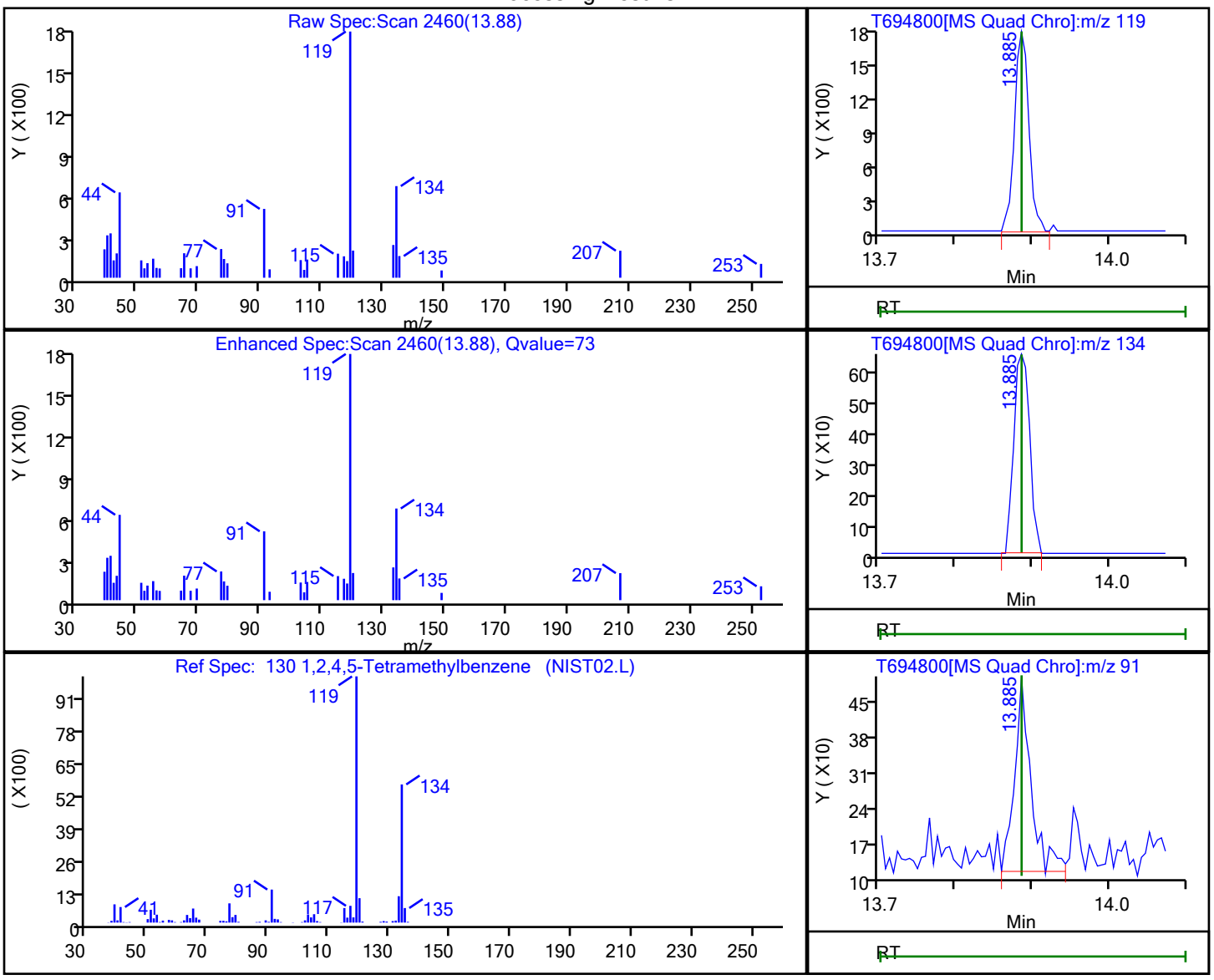
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
13.88	119.00	2294	0.212496
13.88	134.00	949	
13.88	91.00	560	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

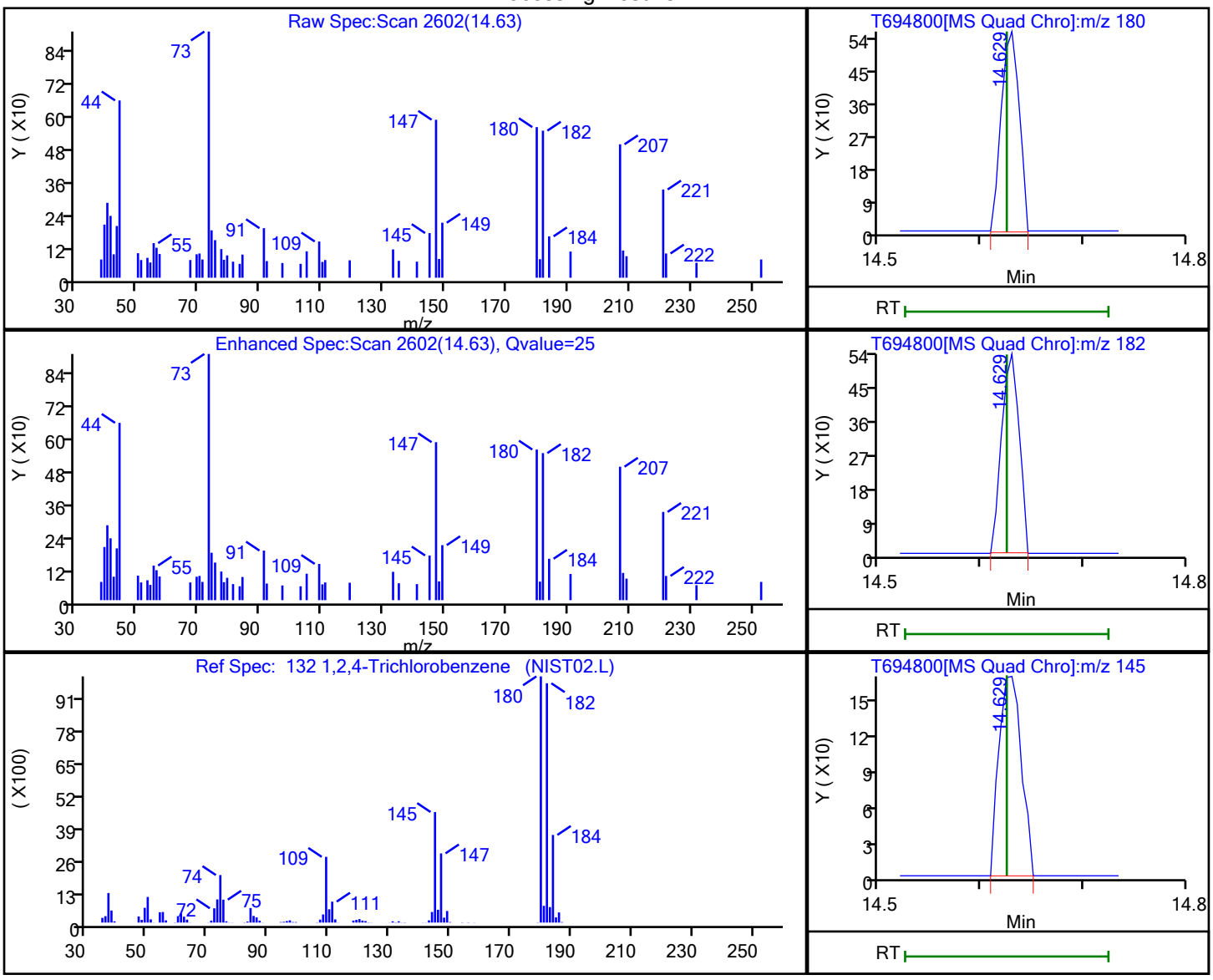
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
14.63	180.00	678	0.190187
14.63	182.00	648	
14.63	145.00	252	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

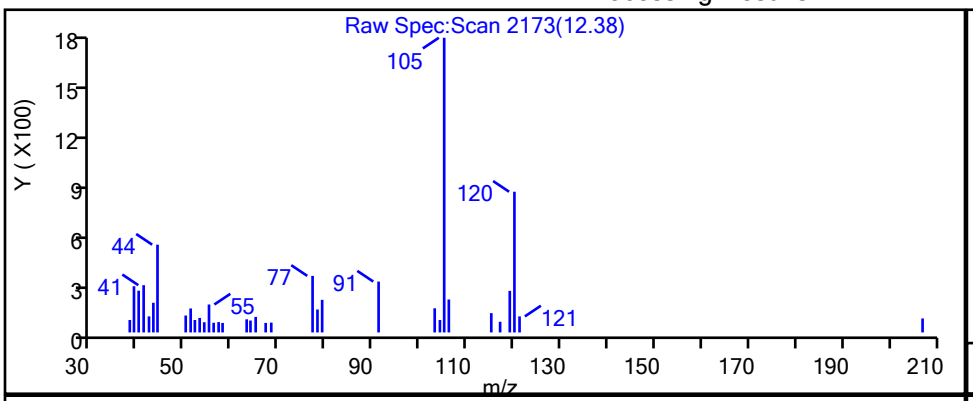
User Disabled Compound Report

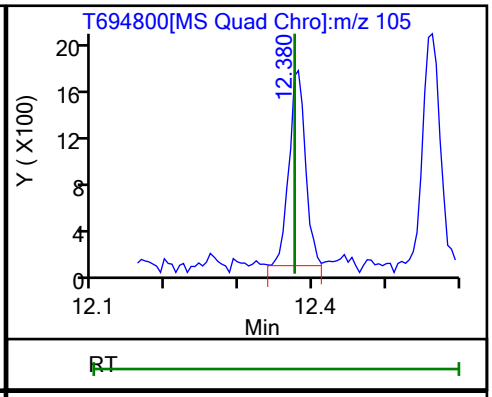
Eurofins Edison

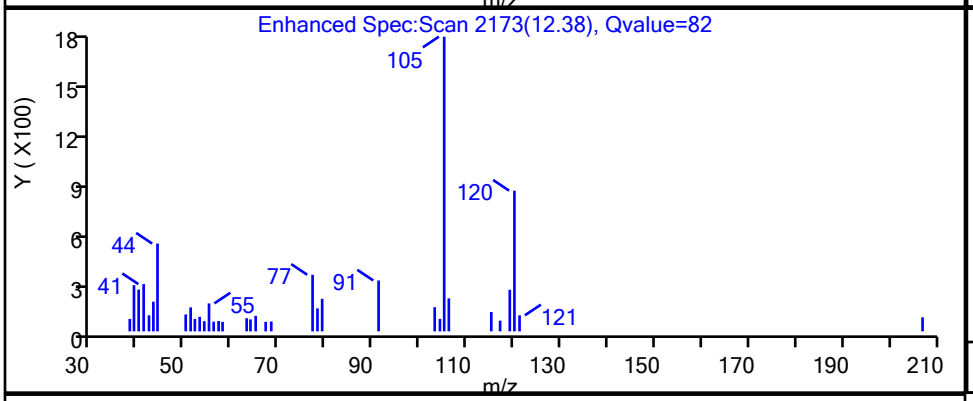
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

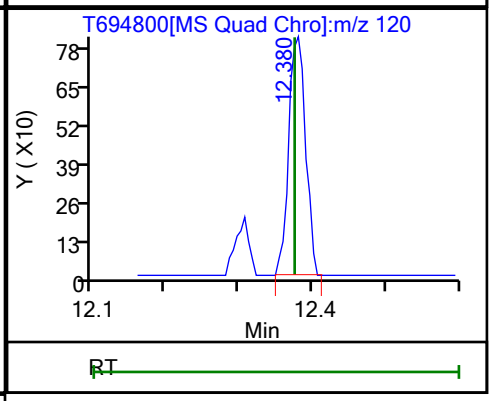
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

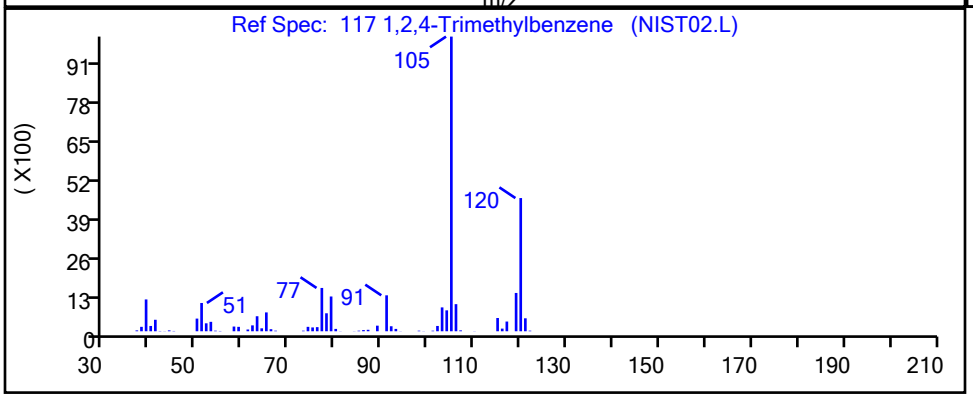
Processing Results











RT	Mass	Response	Amount
12.38	105.00	2542	0.198508
12.38	120.00	1309	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

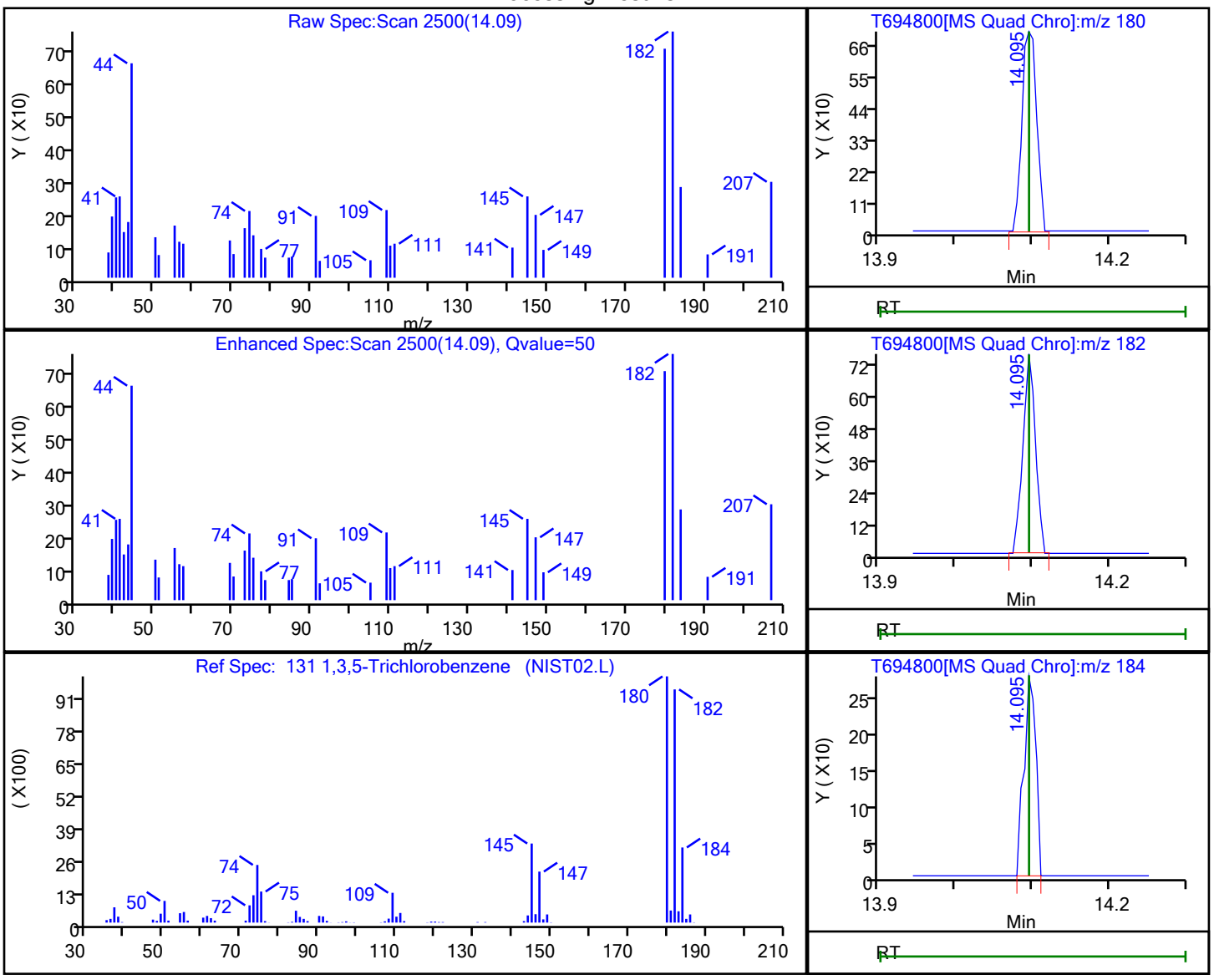
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
14.09	180.00	946	0.205369
14.09	182.00	869	
14.09	184.00	303	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

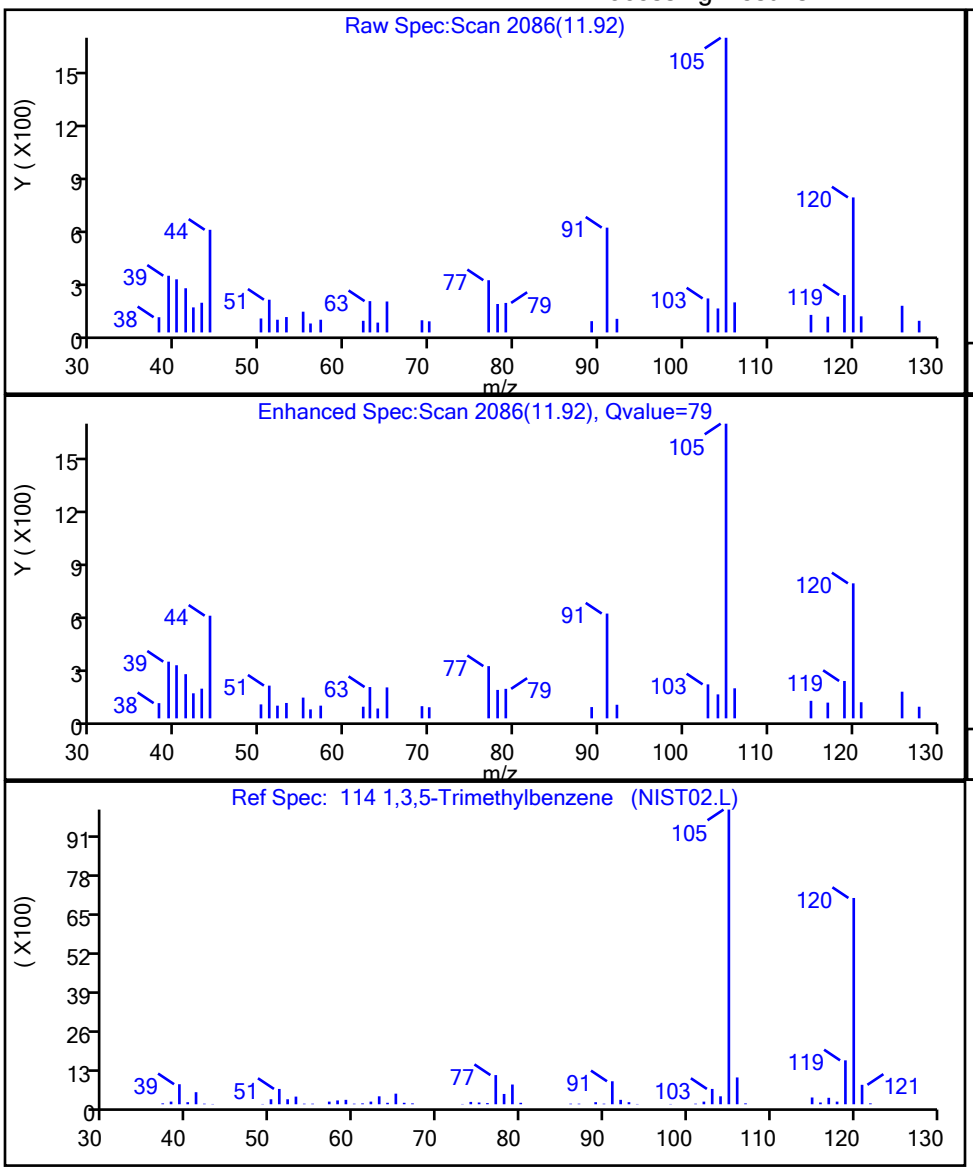
User Disabled Compound Report

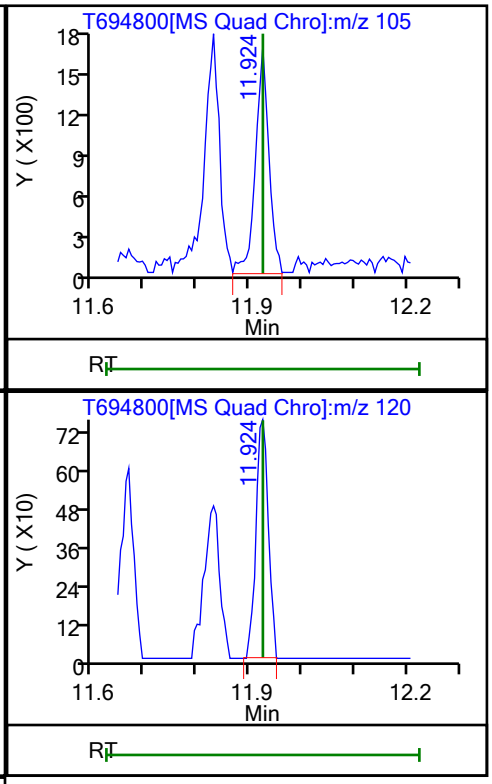
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results





RT	Mass	Response	Amount
11.92	105.00	2917	0.227840
11.92	120.00	1244	

Reviewer: NN6A, 14-Nov-2025 17:00:54 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

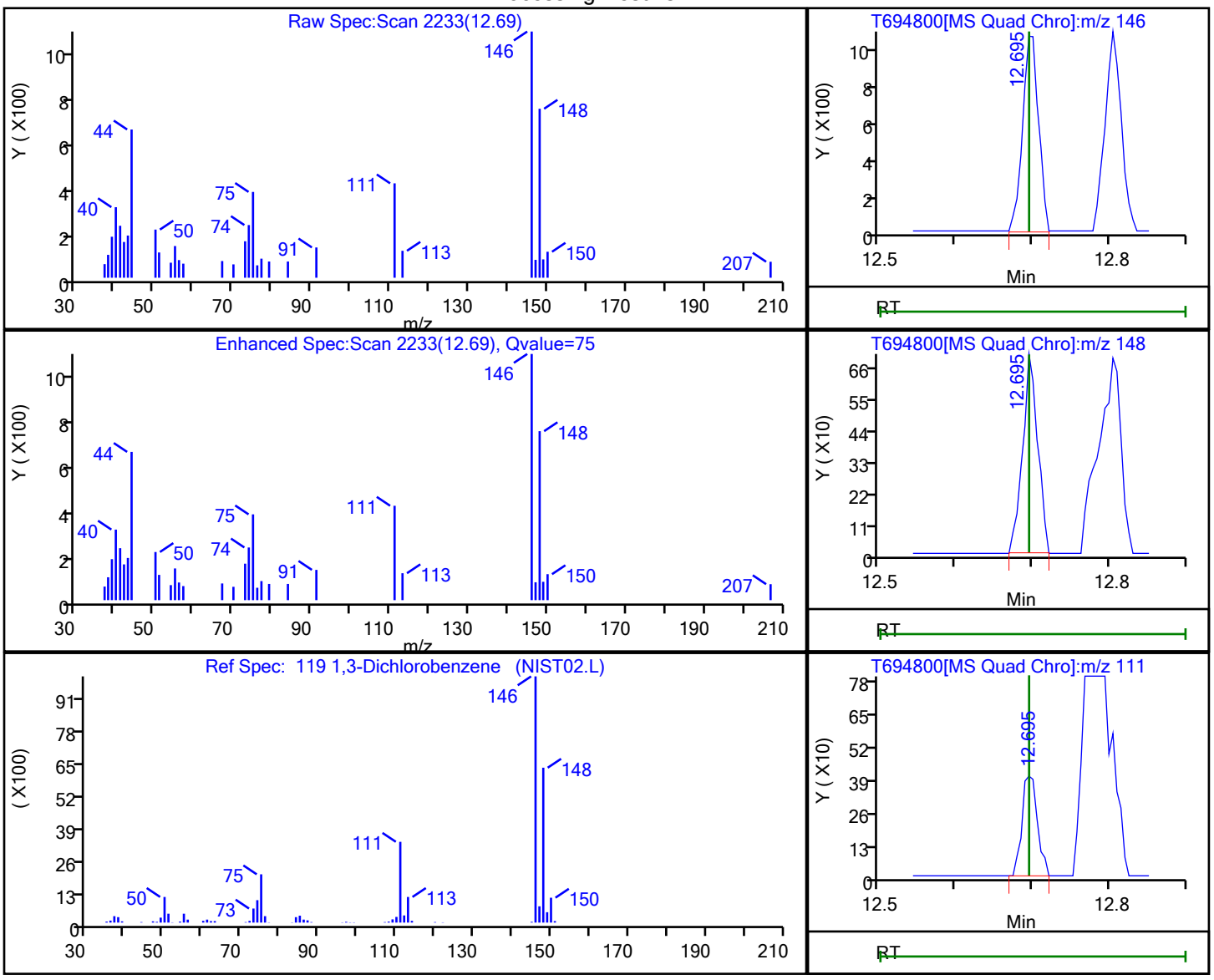
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
12.69	146.00	1501	0.202921
12.69	148.00	977	
12.69	111.00	559	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

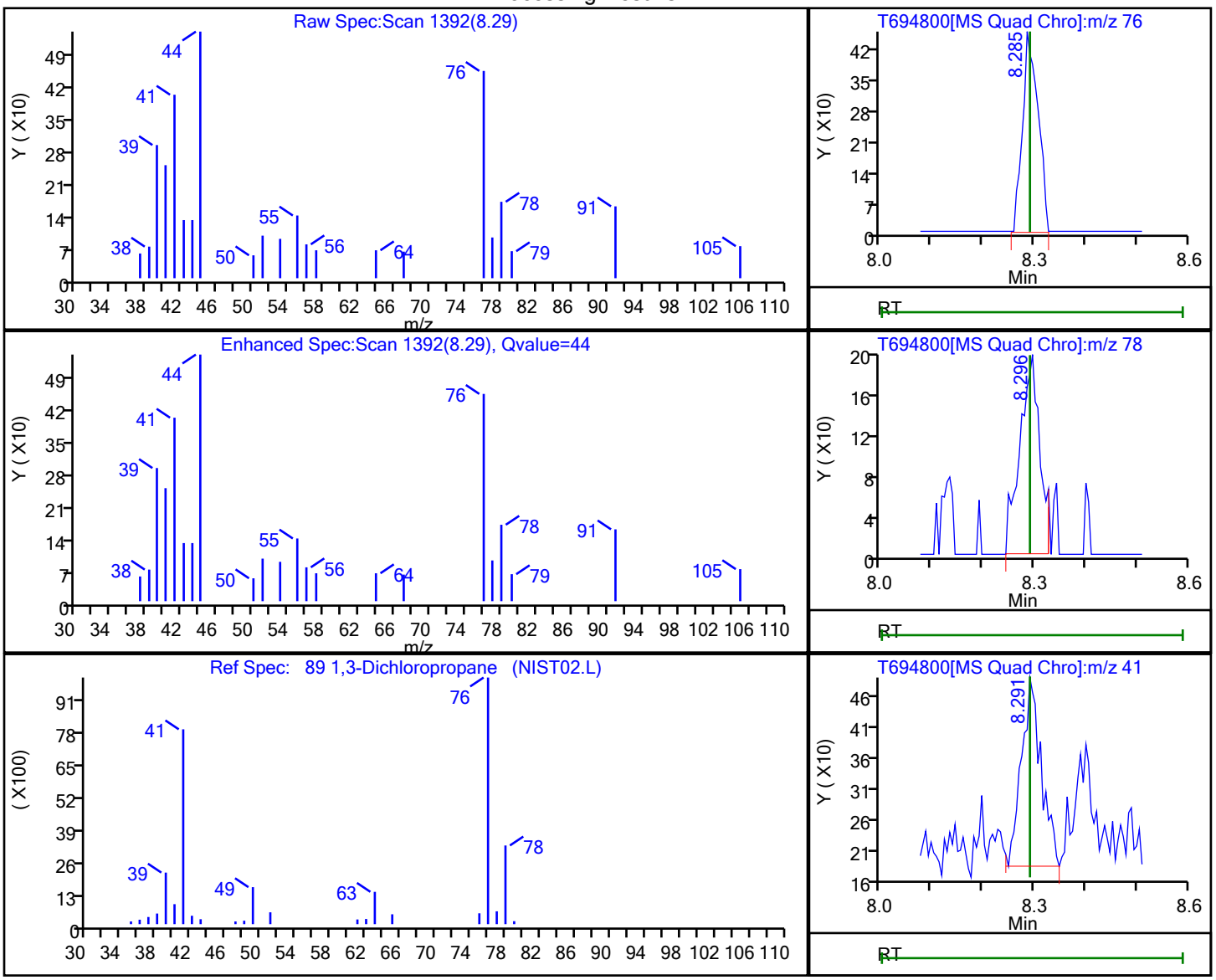
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
8.29	76.00	954	0.193020
8.30	78.00	545	
8.29	41.00	833	

Reviewer: NN6A, 14-Nov-2025 17:00:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

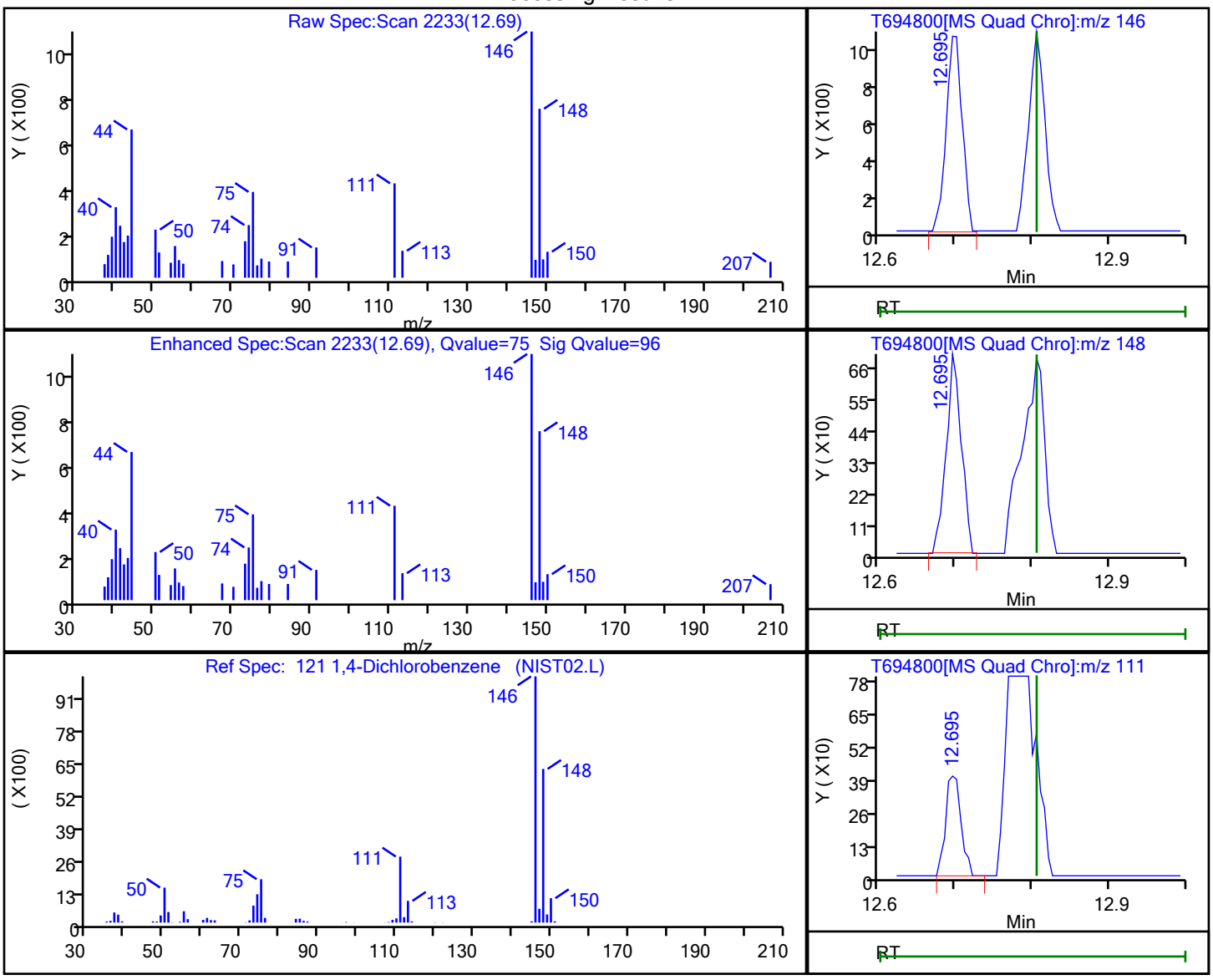
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

121 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
12.69	146.00	1501	0.202954
12.69	148.00	977	
12.69	111.00	559	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

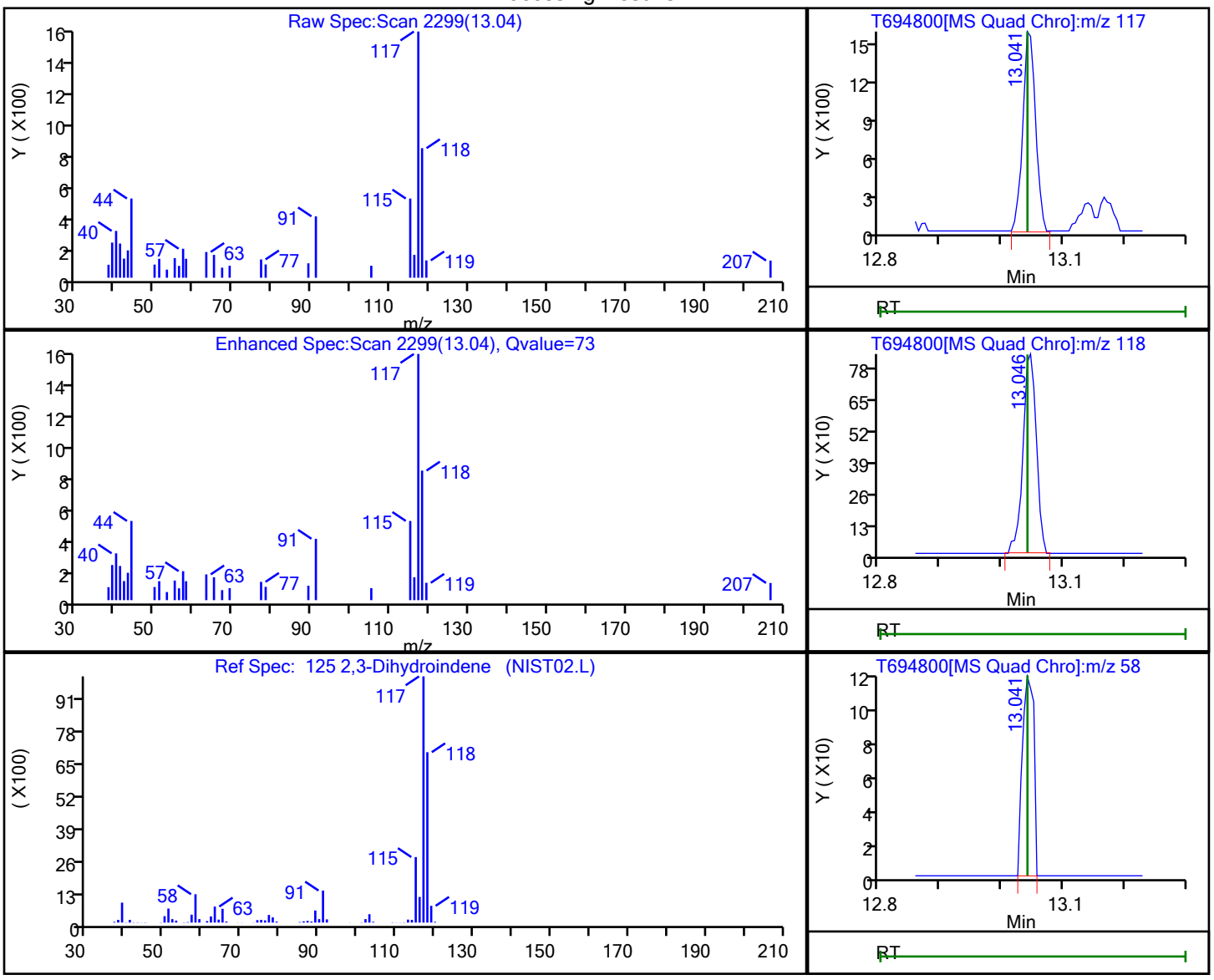
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

125 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
13.04	117.00	2211	0.200273
13.05	118.00	1268	
13.04	58.00	152	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

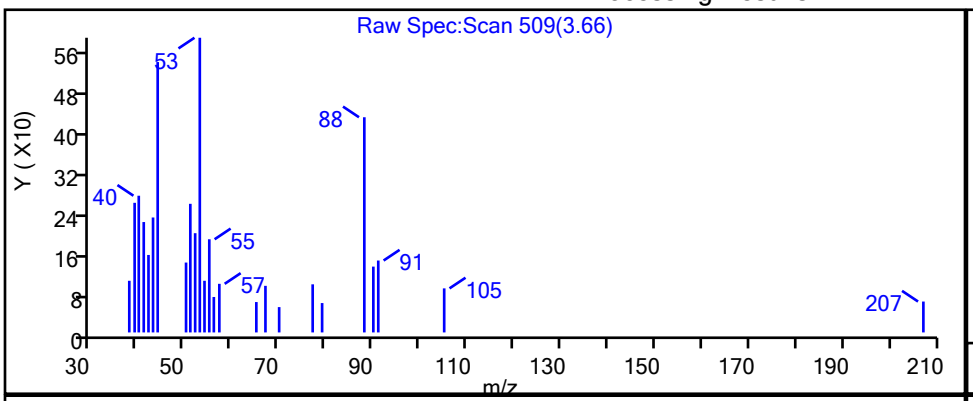
User Disabled Compound Report

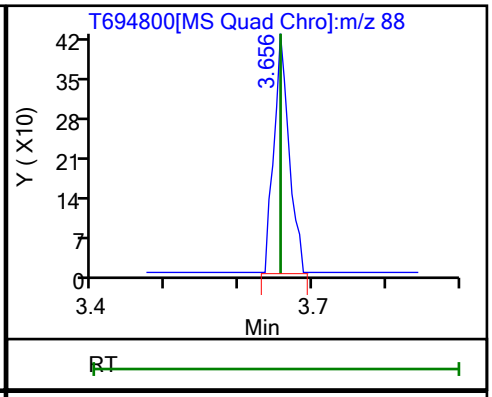
Eurofins Edison

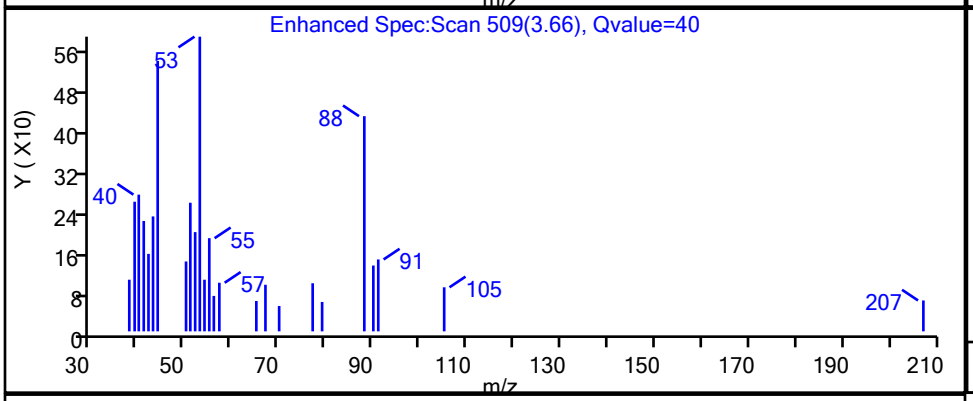
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

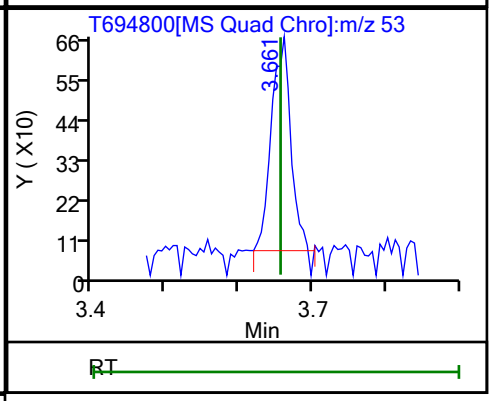
39 2-Chloro-1,3-butadiene, CAS: 126-99-8

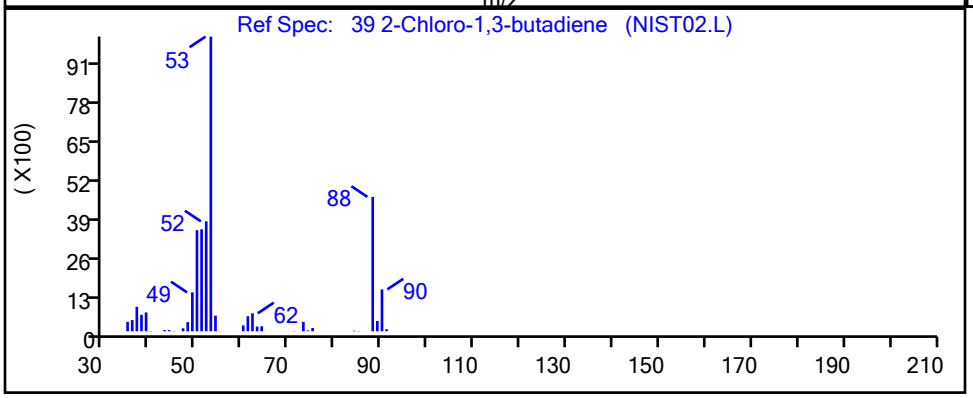
Processing Results











RT	Mass	Response	Amount
3.66	88.00	607	0.206578
3.66	53.00	1078	

Reviewer: NN6A, 14-Nov-2025 16:59:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

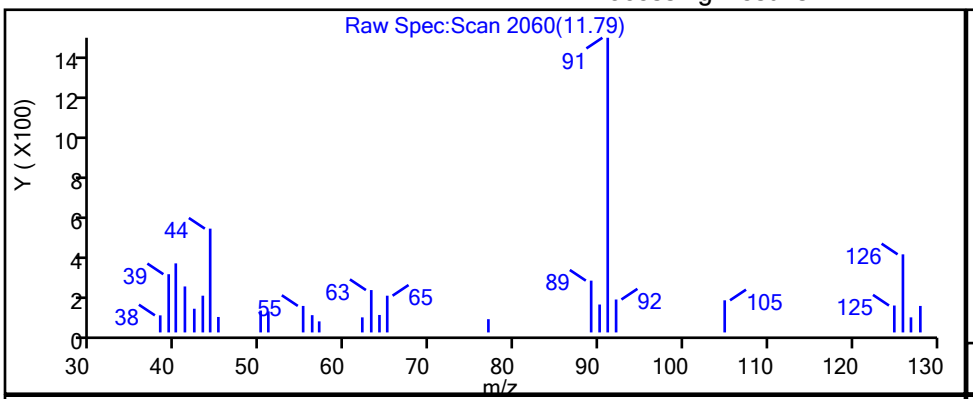
User Disabled Compound Report

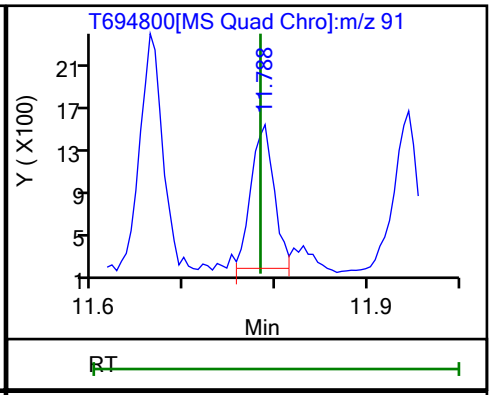
Eurofins Edison

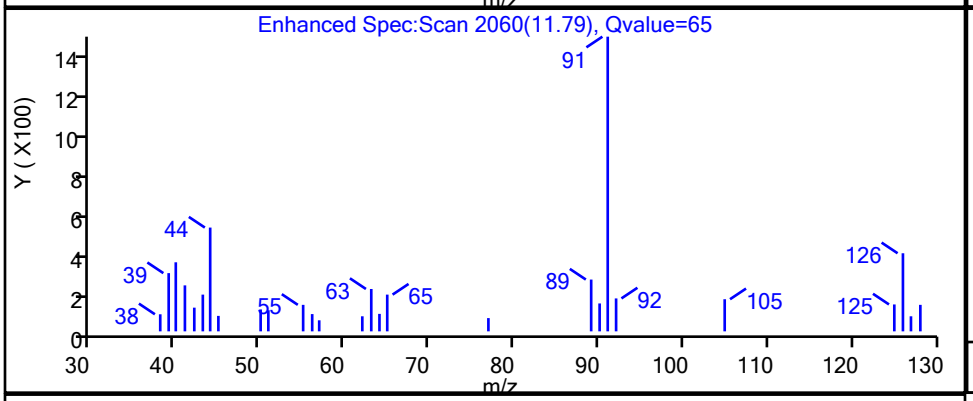
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

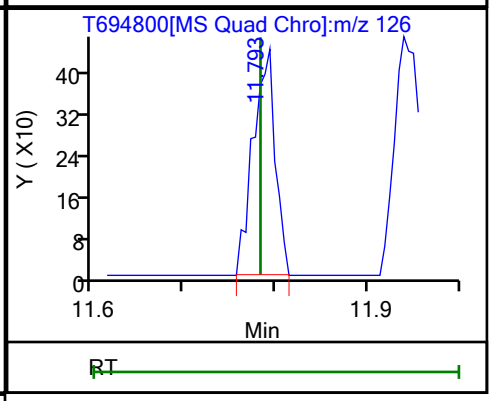
111 2-Chlorotoluene, CAS: 95-49-8

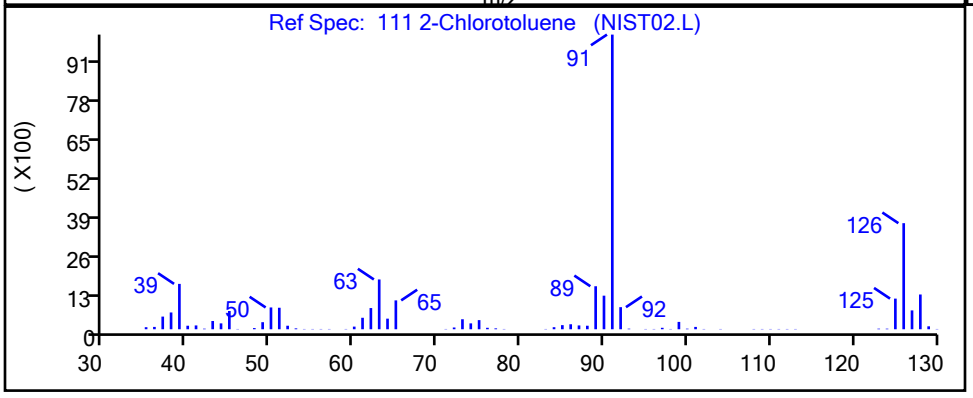
Processing Results











RT	Mass	Response	Amount
11.79	91.00	2326	0.198164
11.79	126.00	734	

Reviewer: NN6A, 14-Nov-2025 17:00:54 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

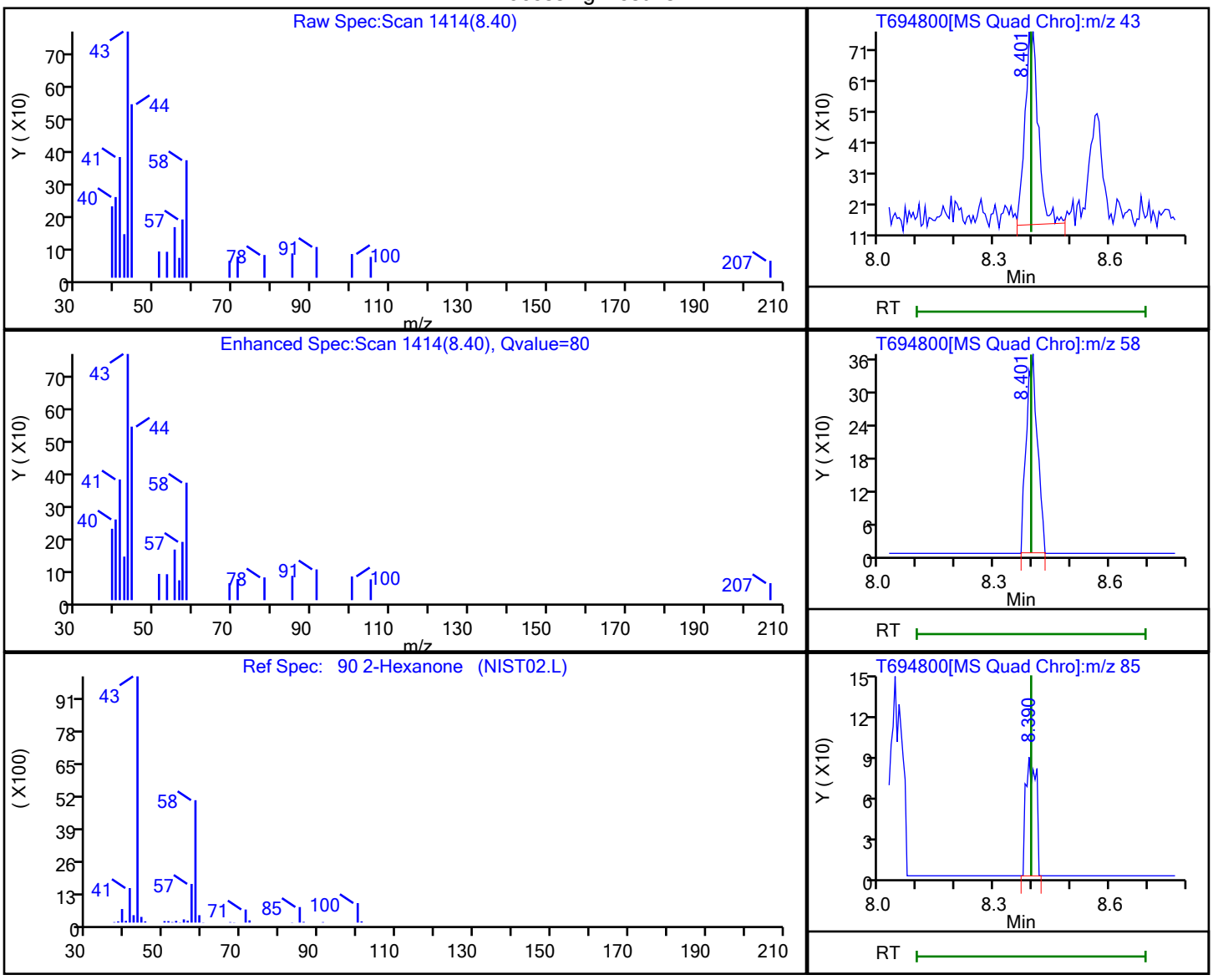
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

90 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
8.40	43.00	1513	1.007958
8.40	58.00	740	
8.39	85.00	158	
8.40	100.00	96	

Reviewer: NN6A, 14-Nov-2025 17:00:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

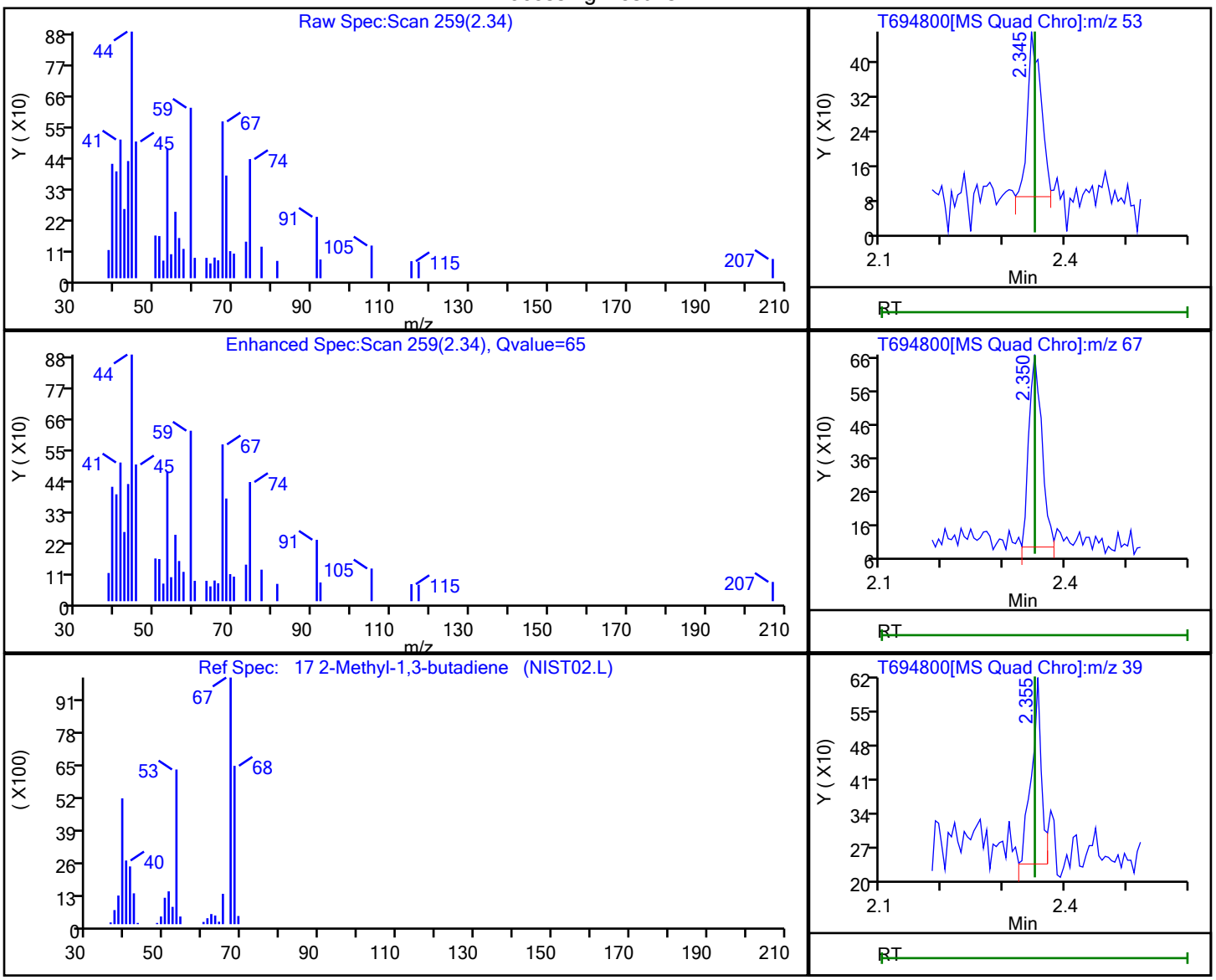
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.34	53.00	572	0.216098
2.35	67.00	840	
2.36	39.00	427	

Reviewer: NN6A, 14-Nov-2025 16:59:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

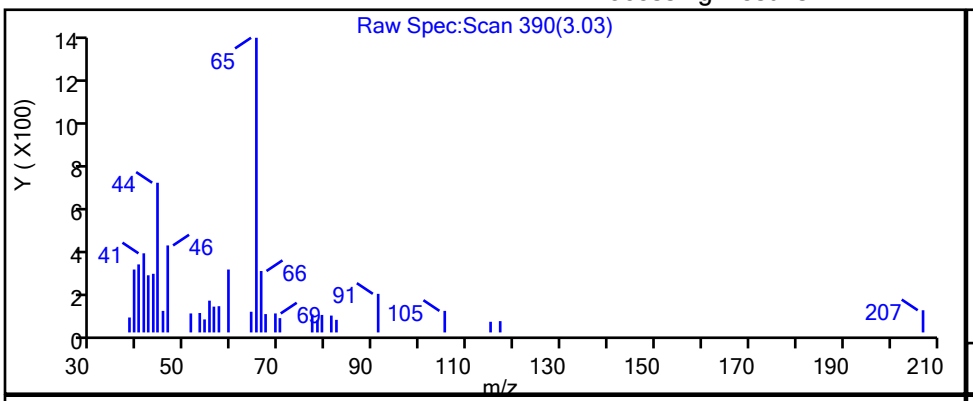
User Disabled Compound Report

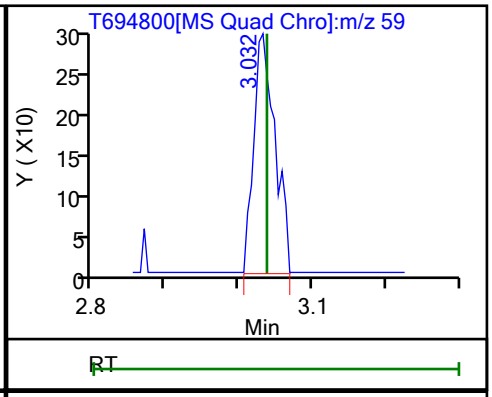
Eurofins Edison

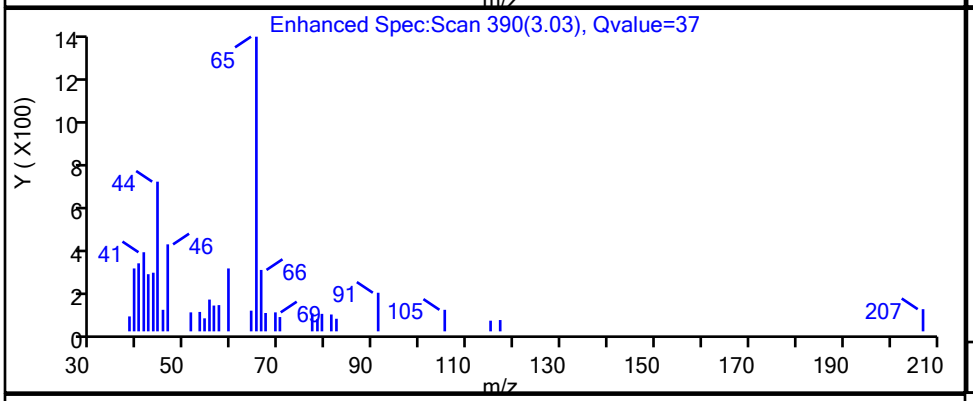
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

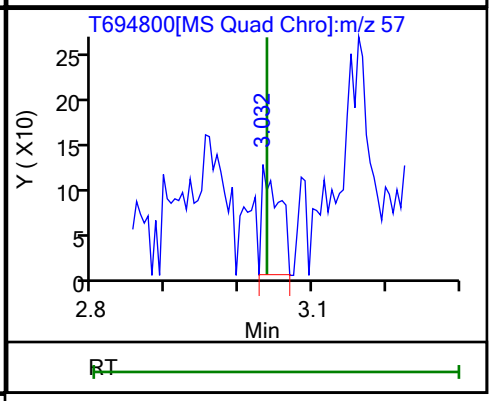
32 2-Methyl-2-propanol, CAS: 75-65-0

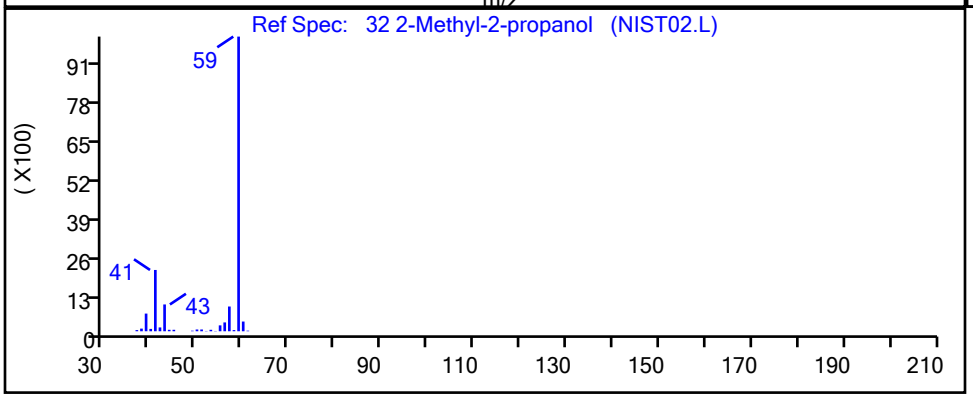
Processing Results











RT	Mass	Response	Amount
3.03	59.00	596	2.637554
3.03	57.00	201	

Reviewer: NN6A, 14-Nov-2025 16:59:31 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

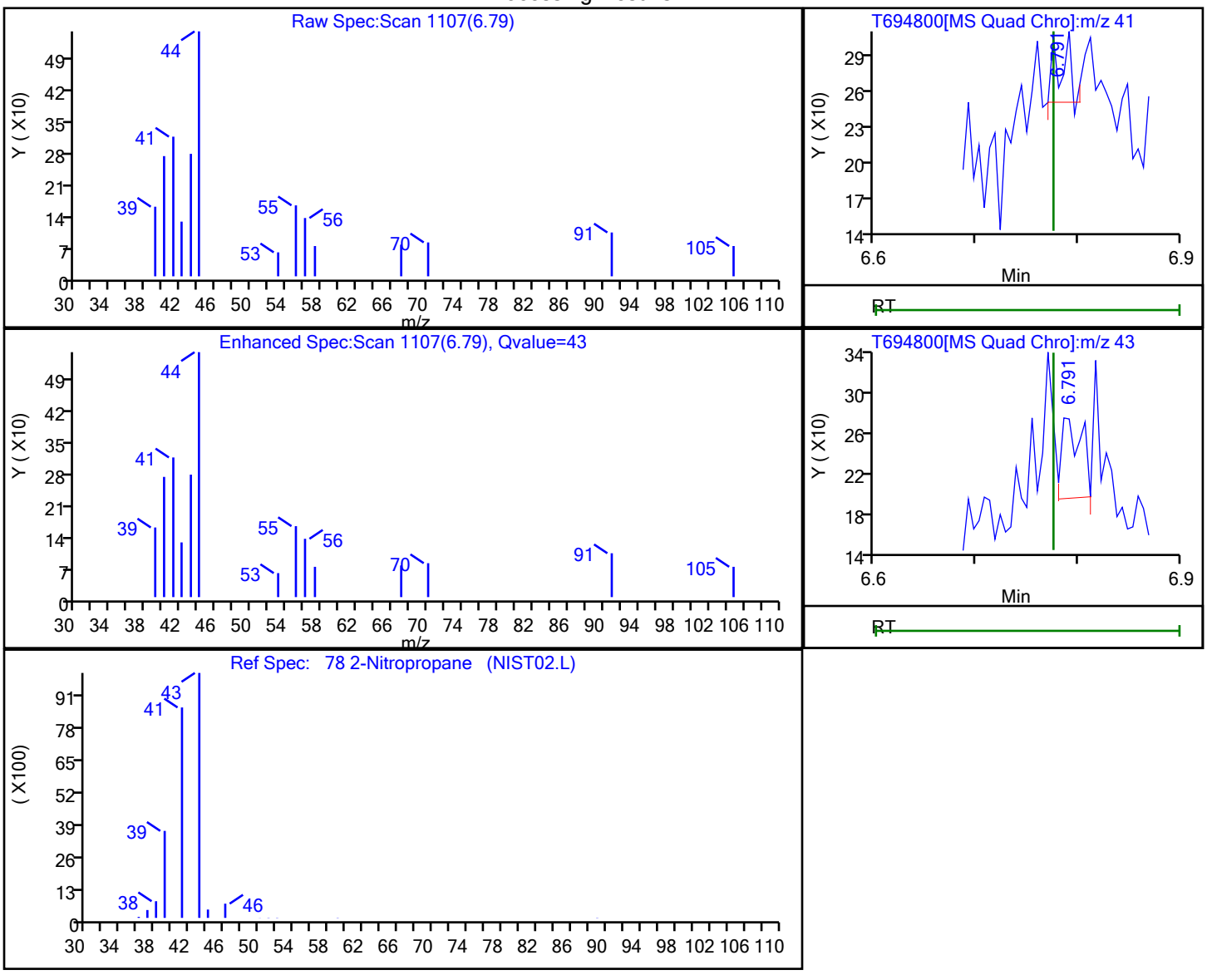
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.79	41.00	48	0.093509
6.79	43.00	108	

Reviewer: NN6A, 14-Nov-2025 17:00:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

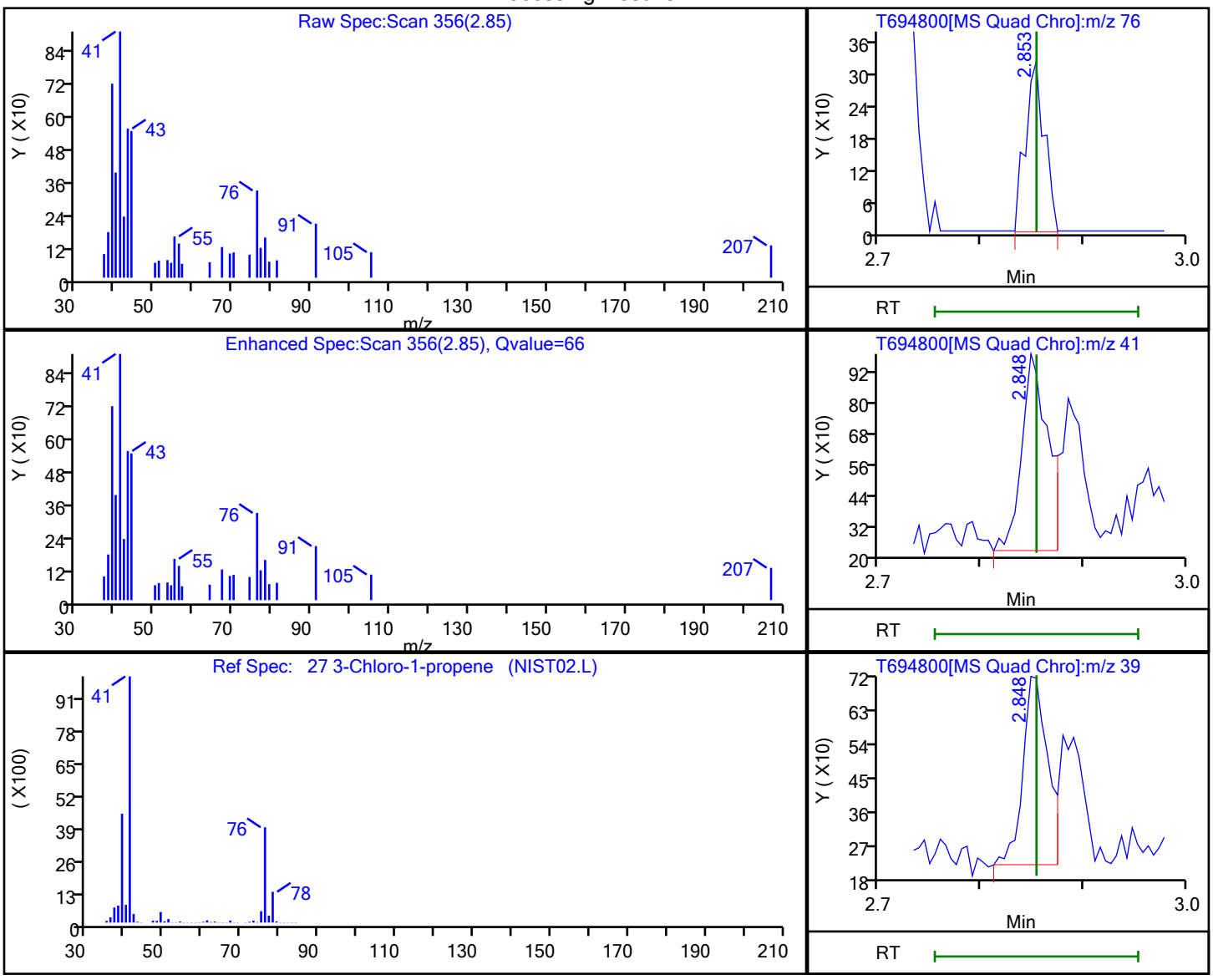
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.85	76.00	415	0.215972
2.85	41.00	1388	
2.85	39.00	880	

Reviewer: NN6A, 14-Nov-2025 16:59:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

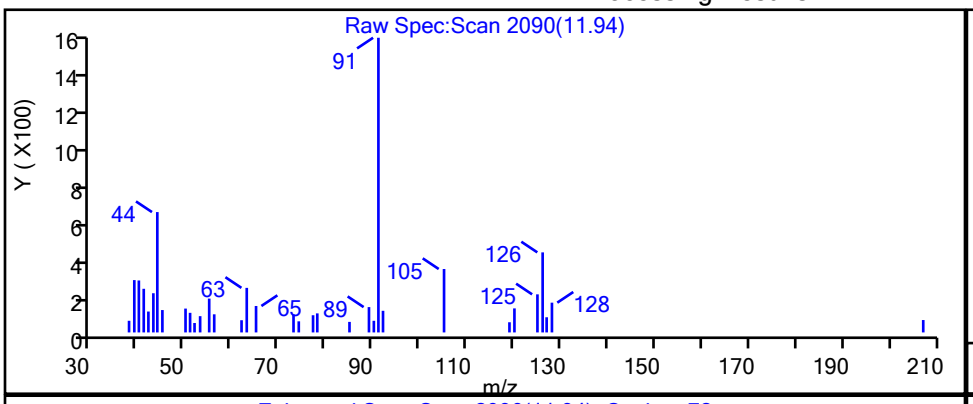
User Disabled Compound Report

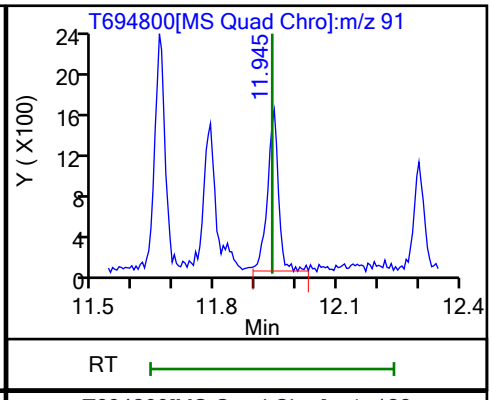
Eurofins Edison

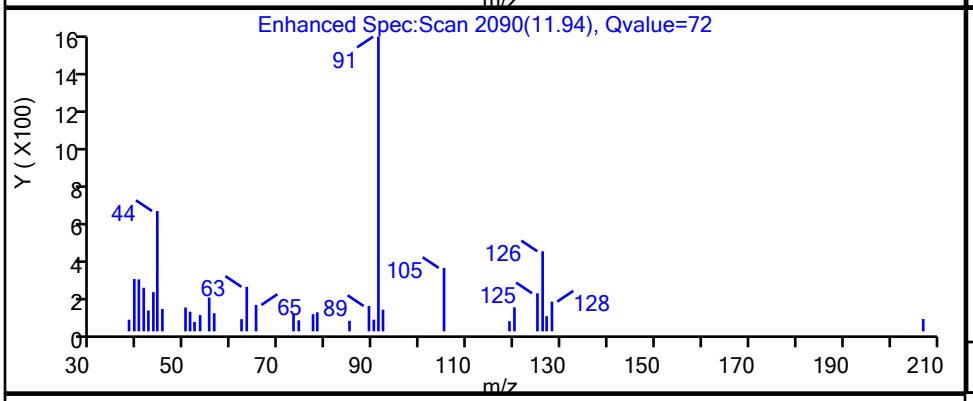
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

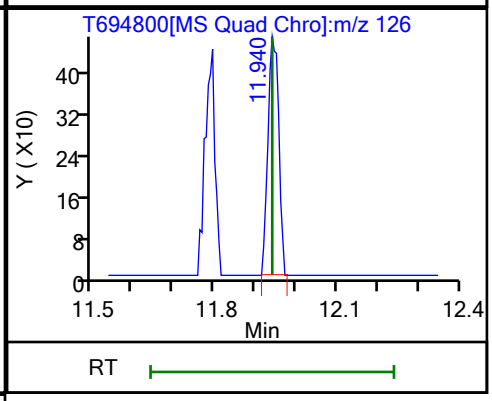
113 4-Chlorotoluene, CAS: 106-43-4

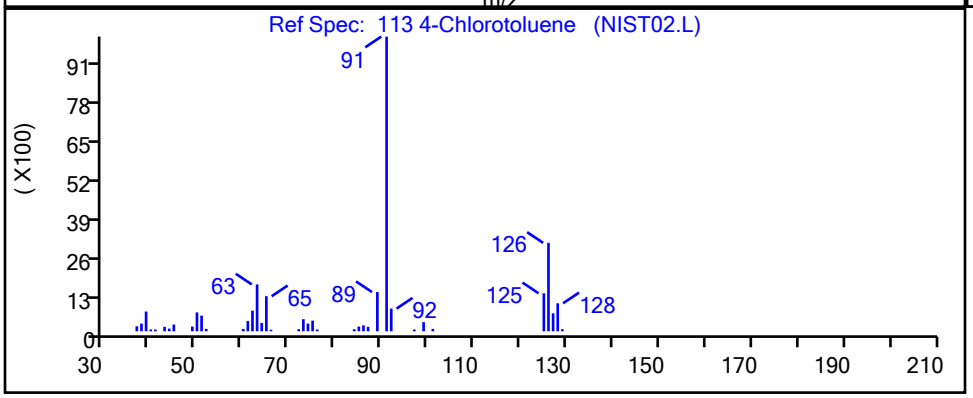
Processing Results











RT	Mass	Response	Amount
11.94	91.00	2790	0.213733
11.94	126.00	852	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

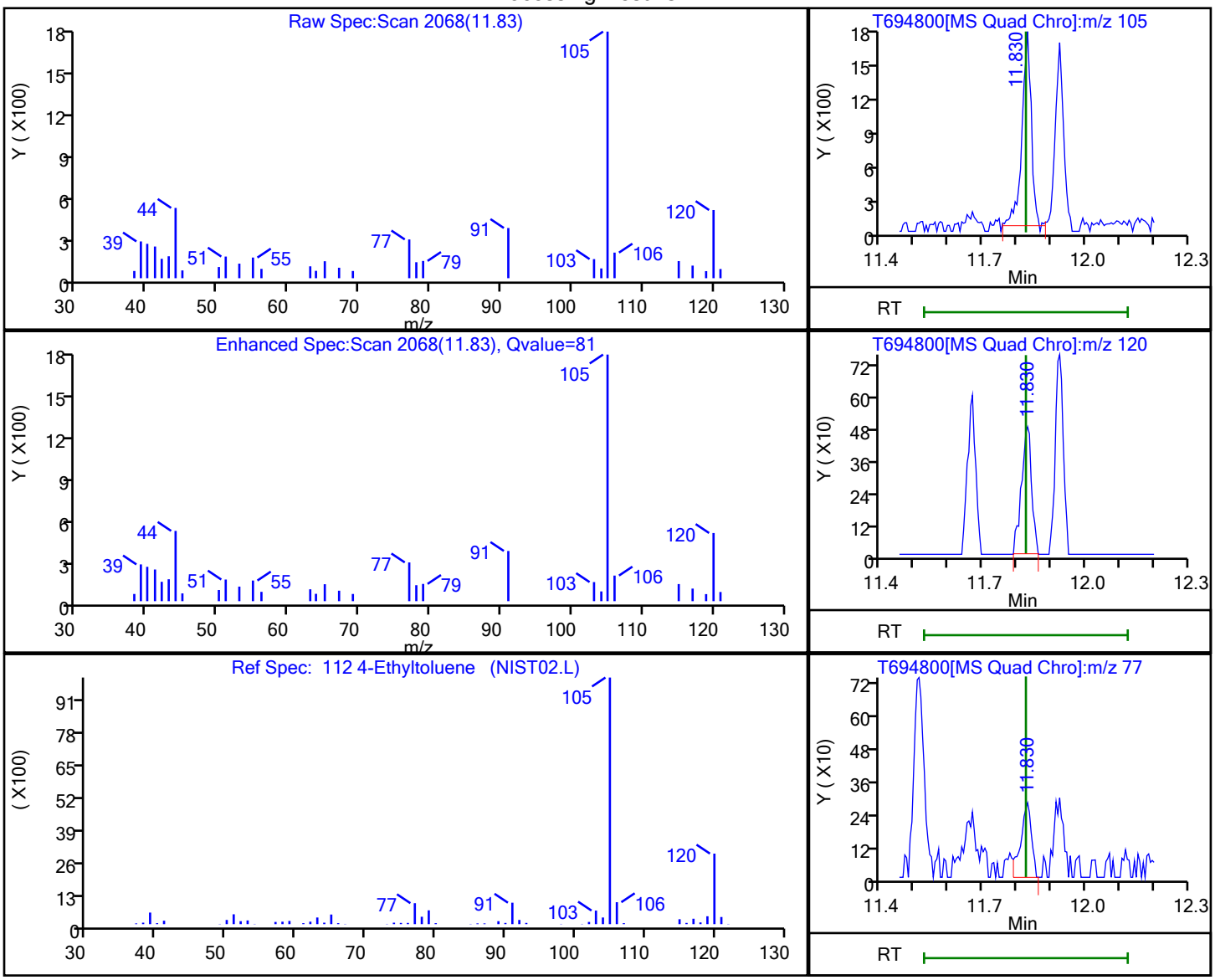
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
11.83	105.00	3219	0.208462
11.83	120.00	1011	
11.83	77.00	599	

Reviewer: NN6A, 14-Nov-2025 17:00:54 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

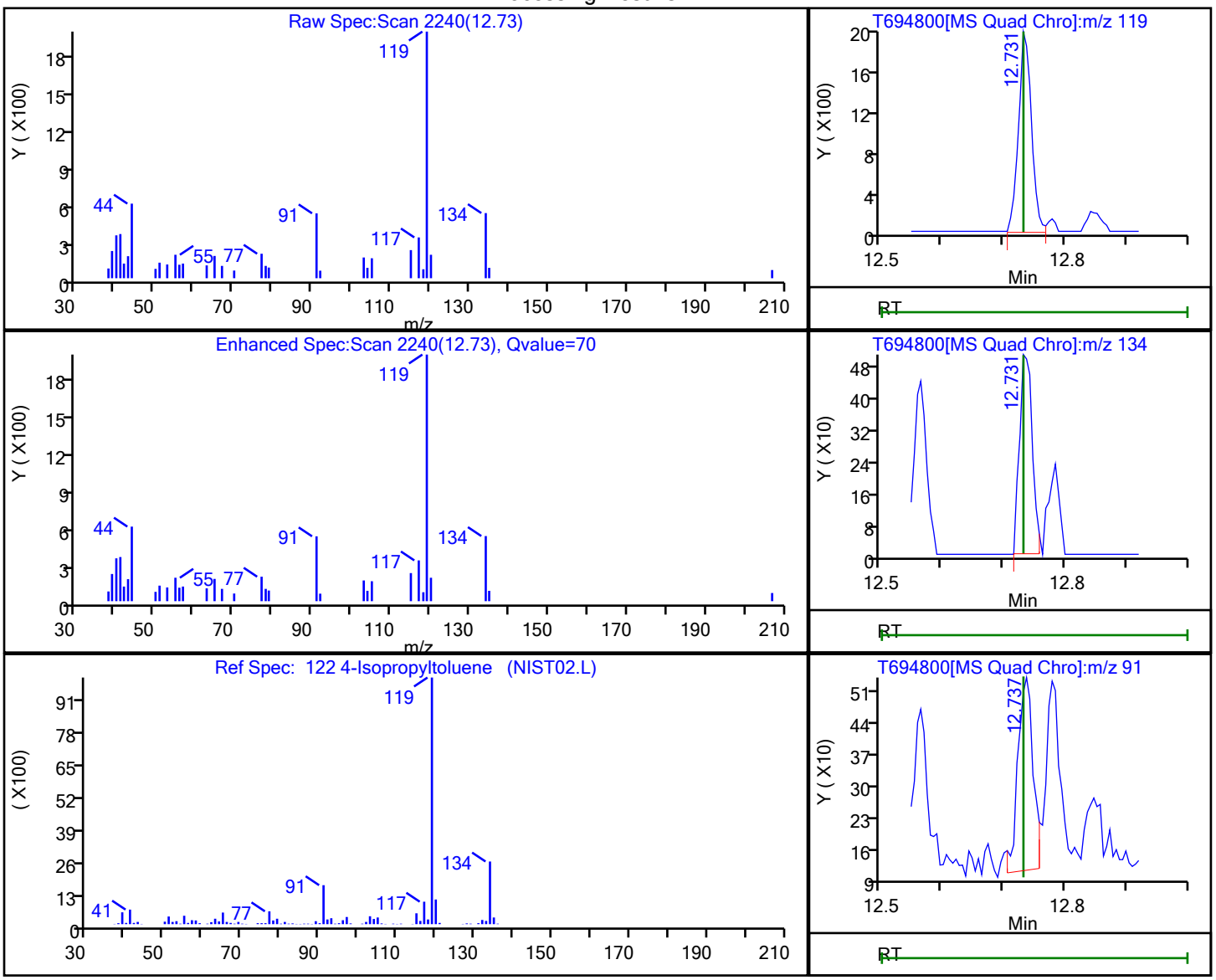
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D				
Injection Date:	10-Nov-2025 08:05:09	Instrument ID:	CVOAMS15		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
12.73	119.00	2796	0.213831
12.73	134.00	736	
12.74	91.00	743	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

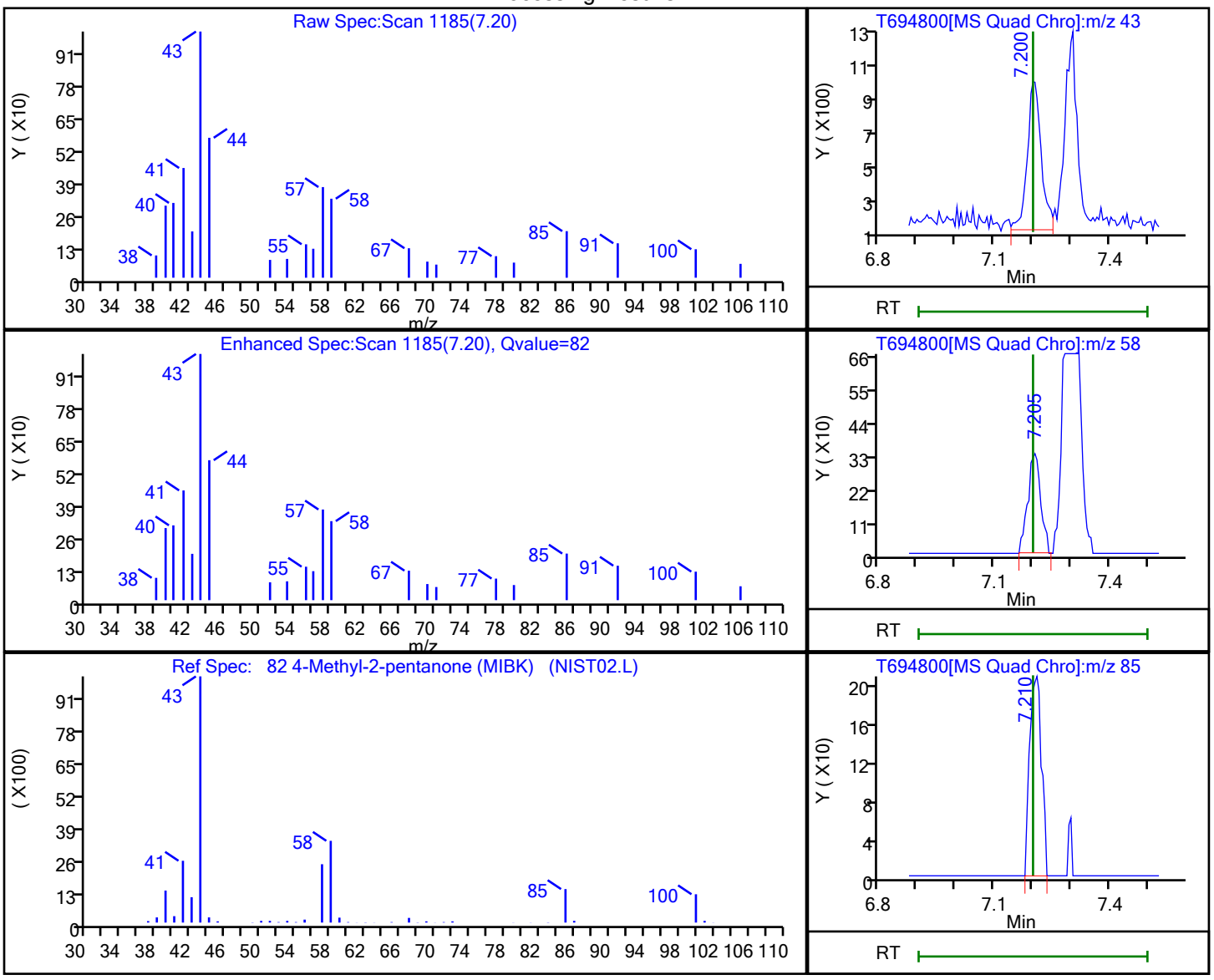
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
7.20	43.00	2202	1.048084
7.21	58.00	789	
7.21	85.00	439	
7.21	100.00	242	

Reviewer: NN6A, 14-Nov-2025 17:00:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

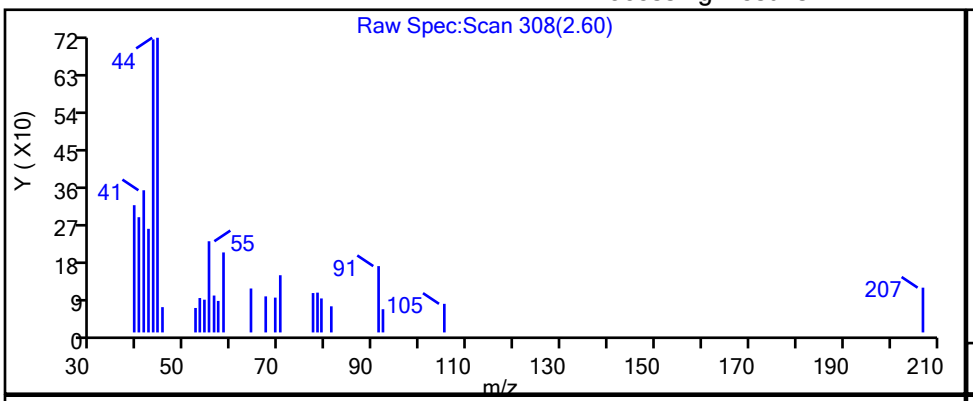
User Disabled Compound Report

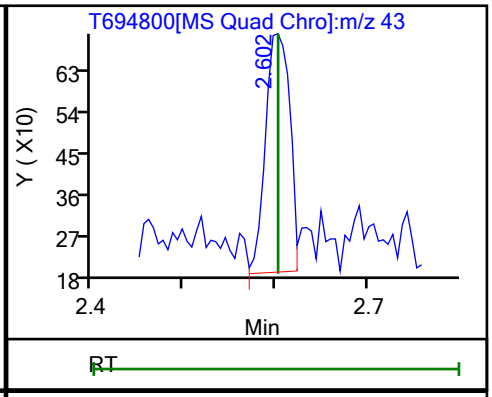
Eurofins Edison

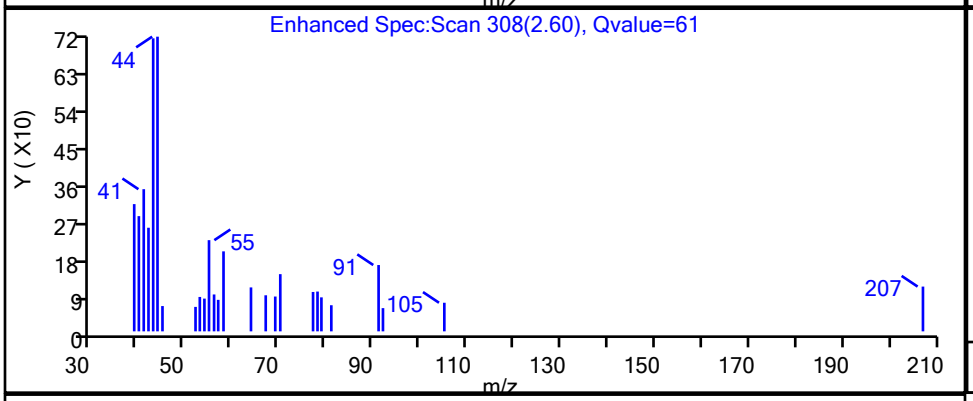
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

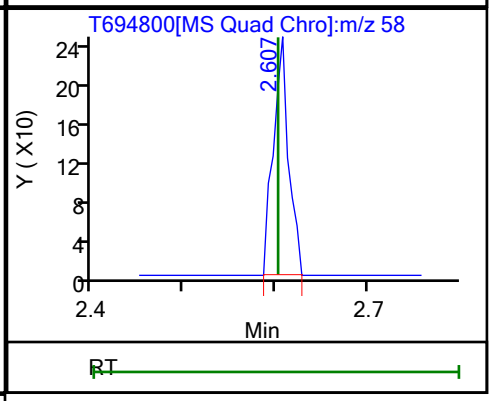
22 Acetone, CAS: 67-64-1

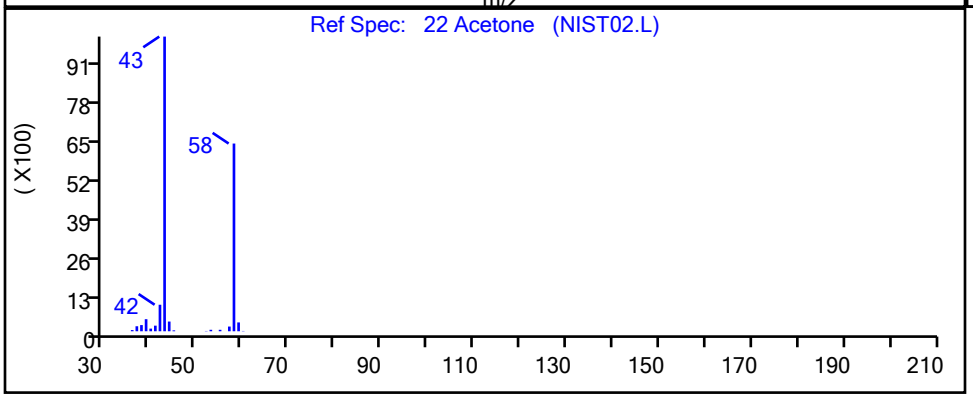
Processing Results











RT	Mass	Response	Amount
2.60	43.00	974	1.280025
2.61	58.00	286	

Reviewer: NN6A, 14-Nov-2025 16:59:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

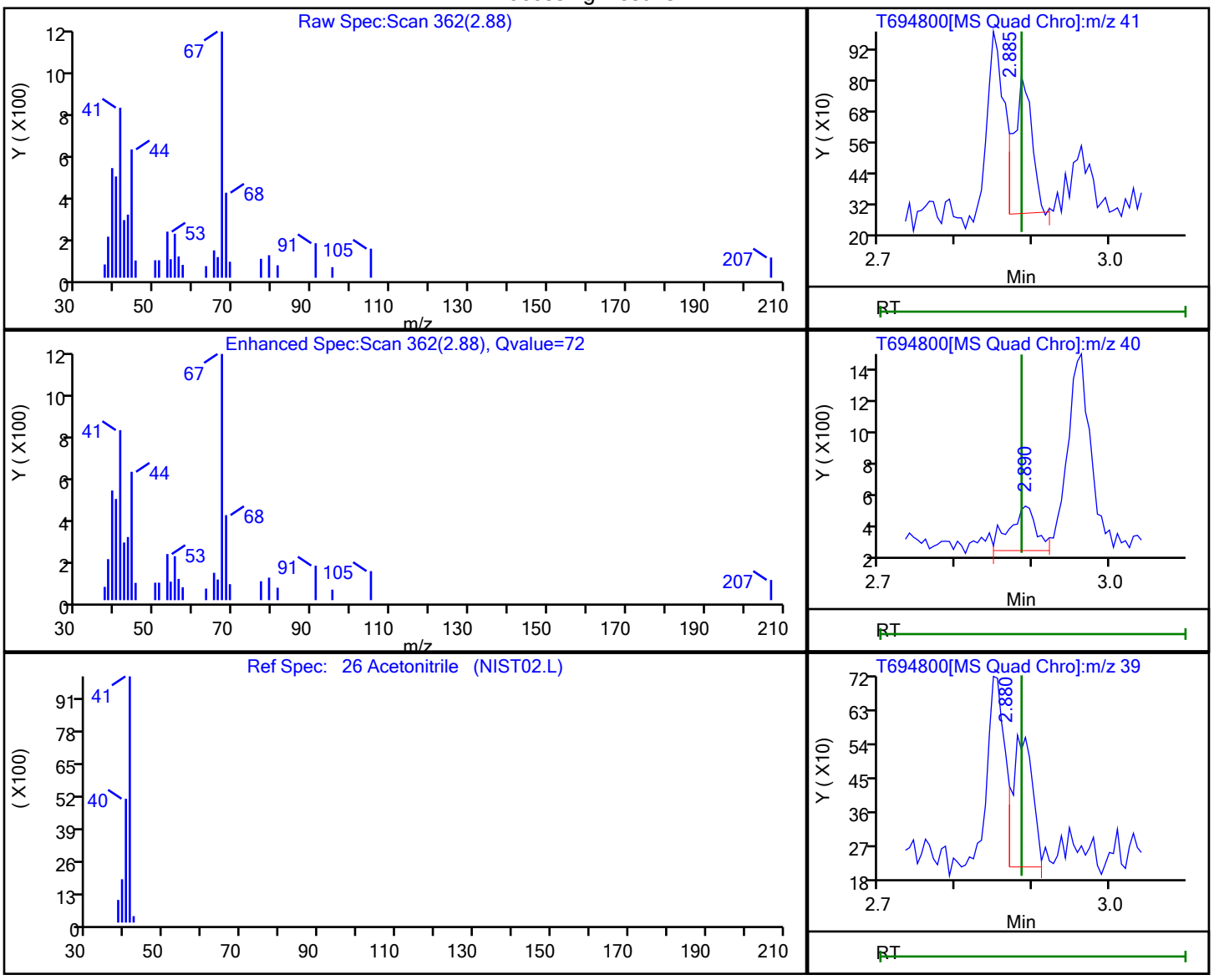
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.88	41.00	875	2.030987
2.89	40.00	650	
2.88	39.00	644	
2.88	38.00	297	

Reviewer: NN6A, 14-Nov-2025 16:59:31 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

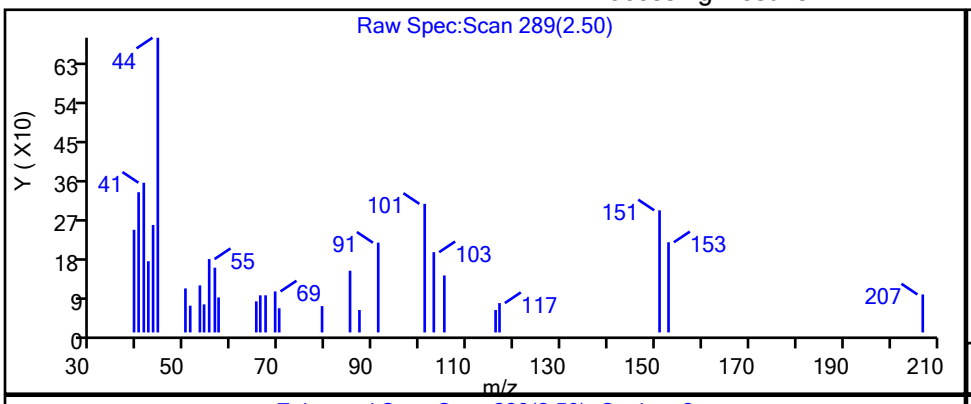
User Disabled Compound Report

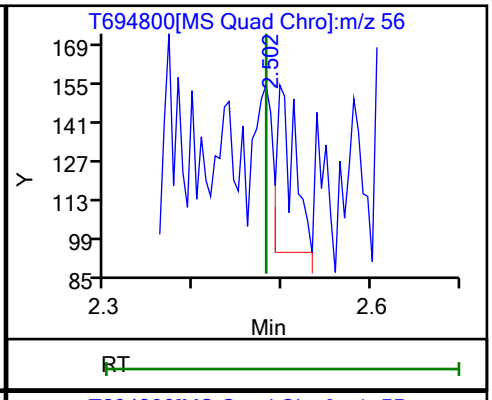
Eurofins Edison

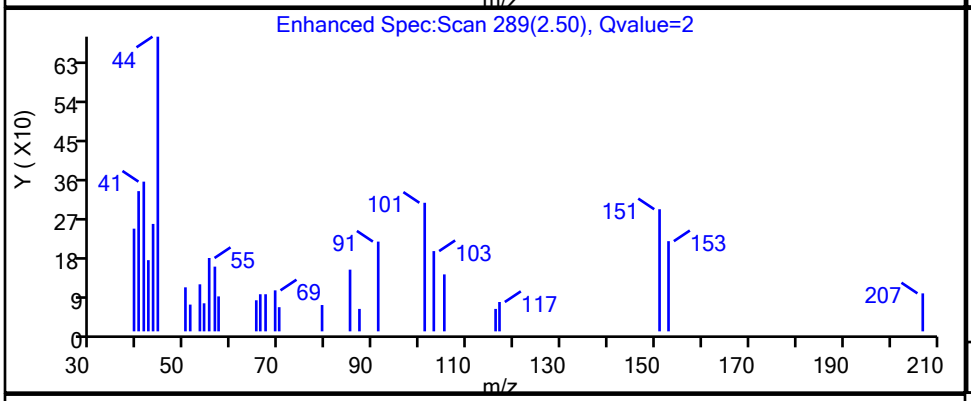
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

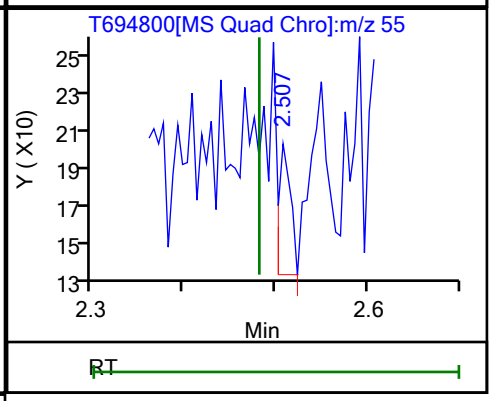
19 Acrolein, CAS: 107-02-8

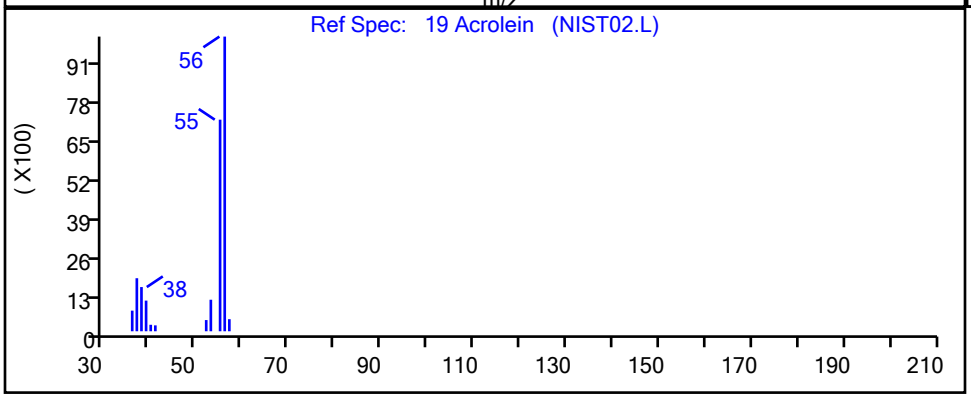
Processing Results











RT	Mass	Response	Amount
2.50	56.00	85	0.208368
2.51	55.00	62	

Reviewer: NN6A, 14-Nov-2025 16:59:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

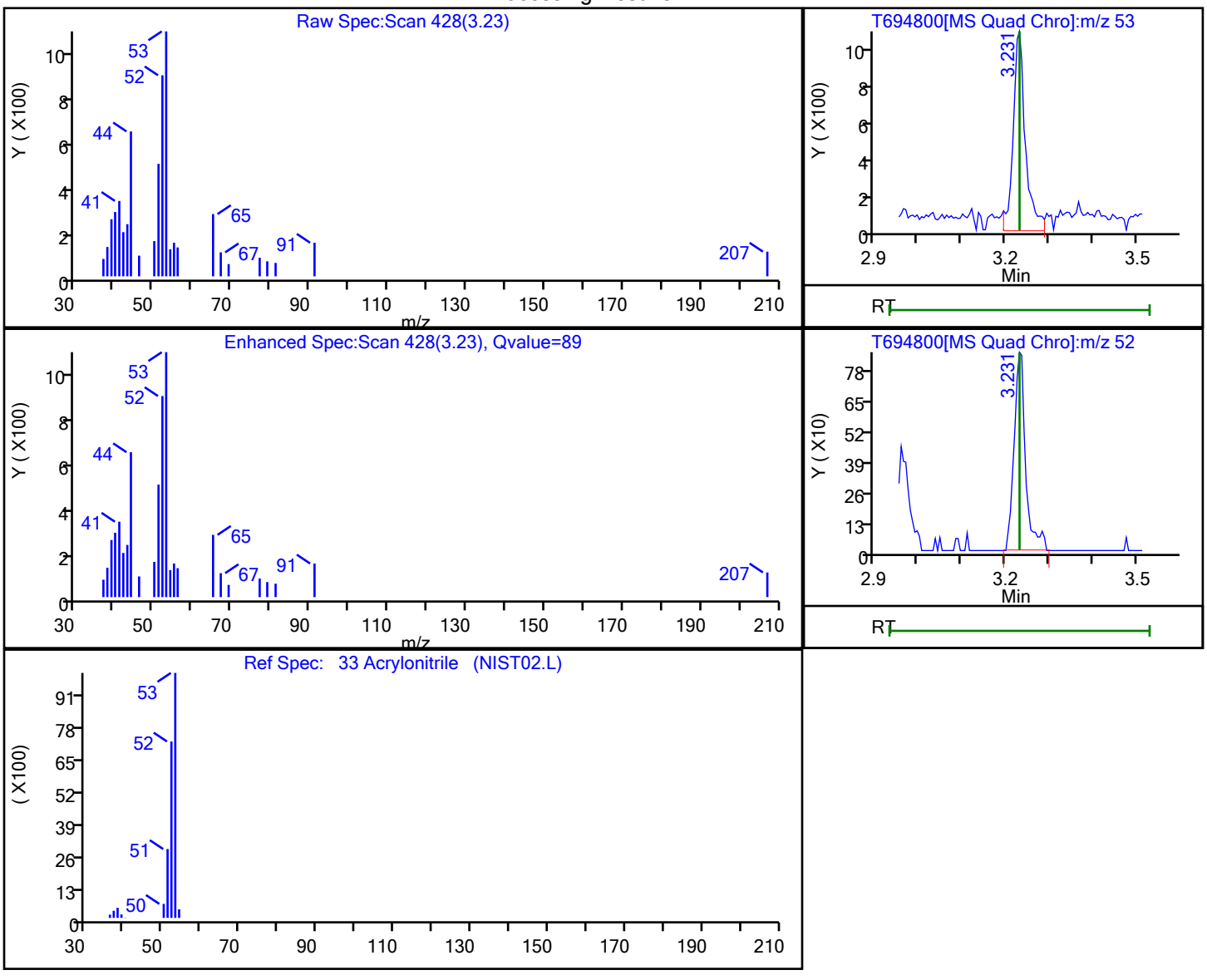
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Acrylonitrile, CAS: 107-13-1

Processing Results



RT	Mass	Response	Amount
3.23	53.00	2026	2.361700
3.23	52.00	1587	

Reviewer: NN6A, 14-Nov-2025 16:59:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

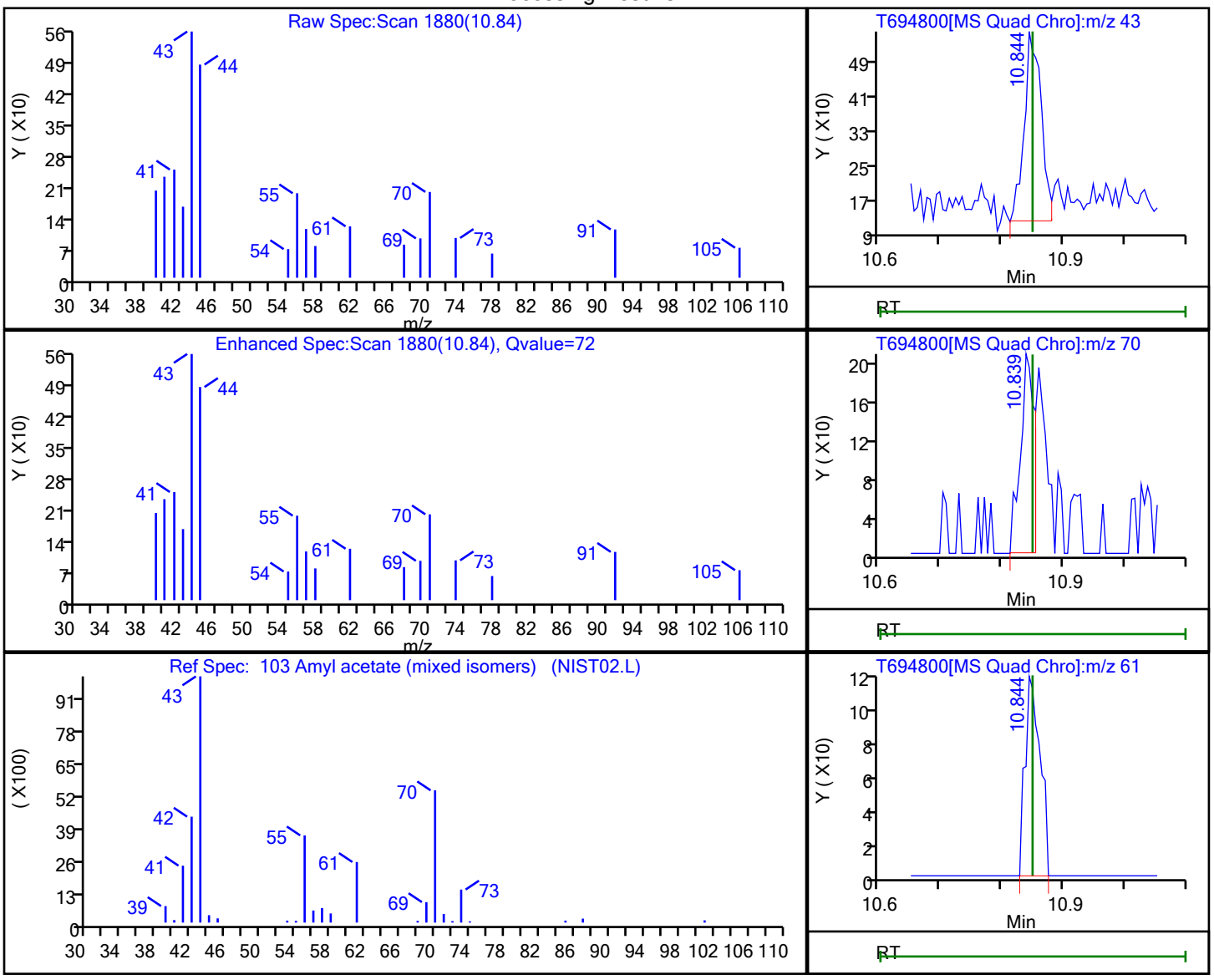
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
10.84	43.00	848	0.196080
10.84	70.00	325	
10.84	61.00	197	

Reviewer: NN6A, 14-Nov-2025 17:00:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

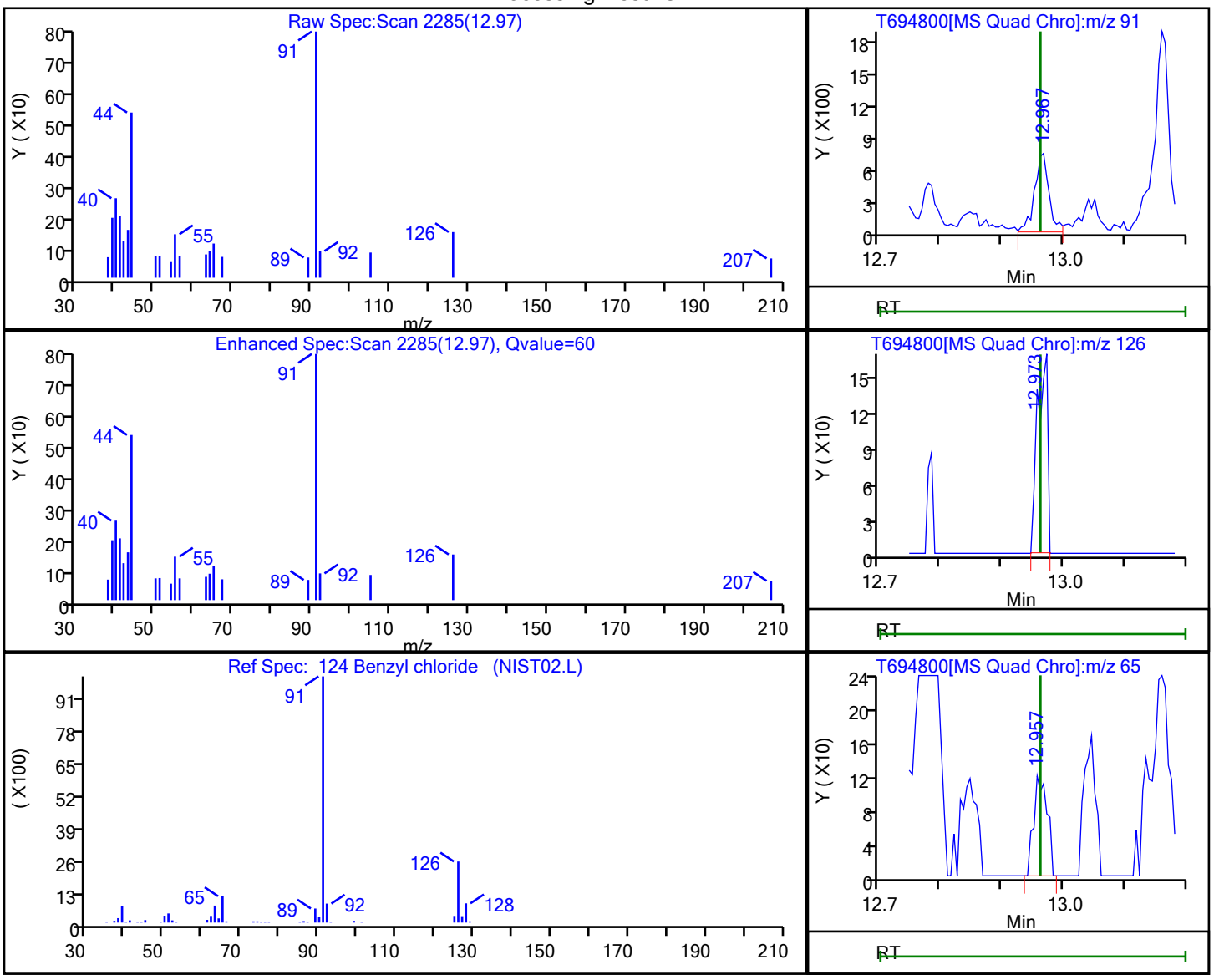
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
12.97	91.00	1116	0.213813
12.97	126.00	194	
12.96	65.00	184	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

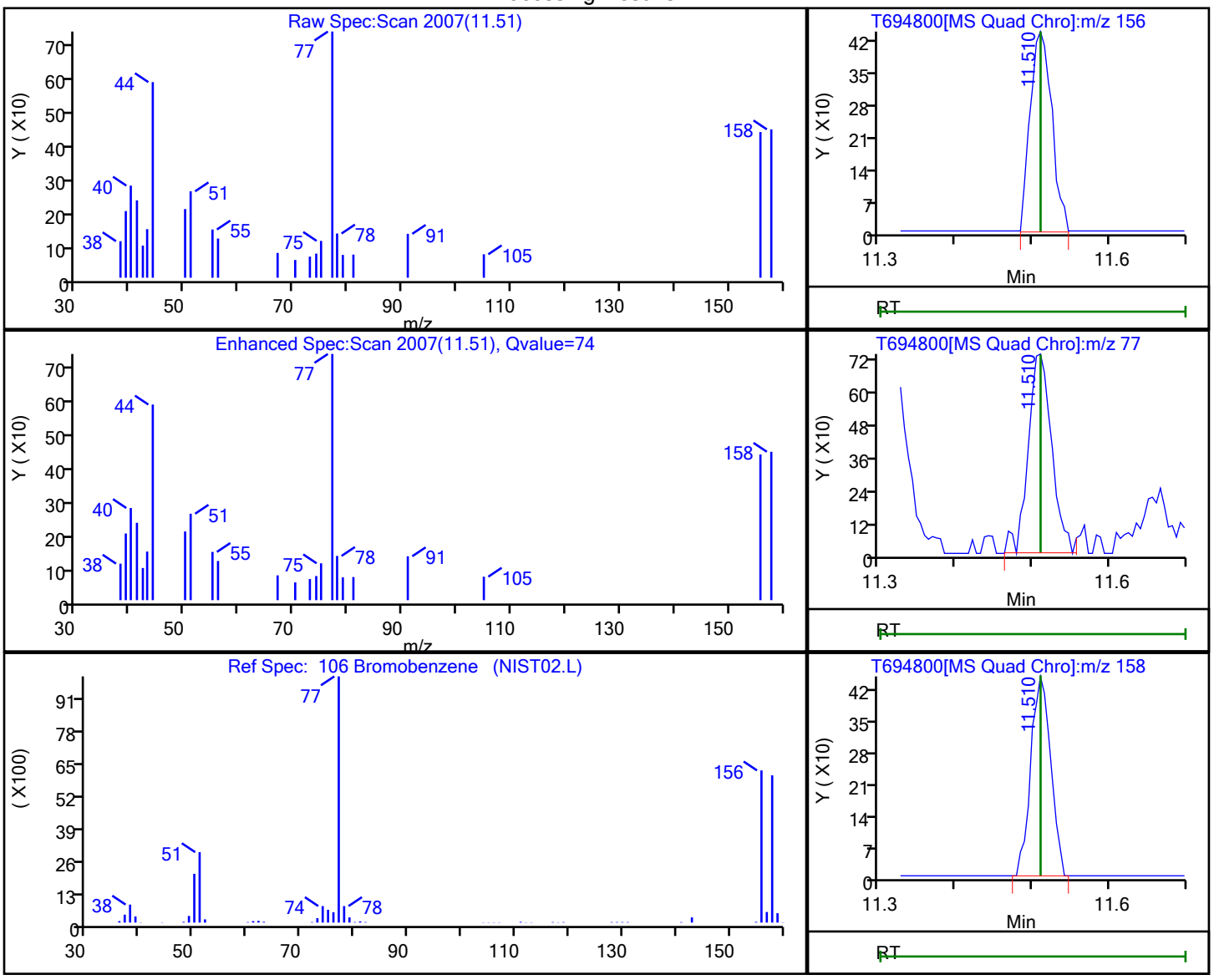
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

106 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
11.51	156.00	854	0.197564
11.51	77.00	1599	
11.51	158.00	802	

Reviewer: NN6A, 14-Nov-2025 17:00:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

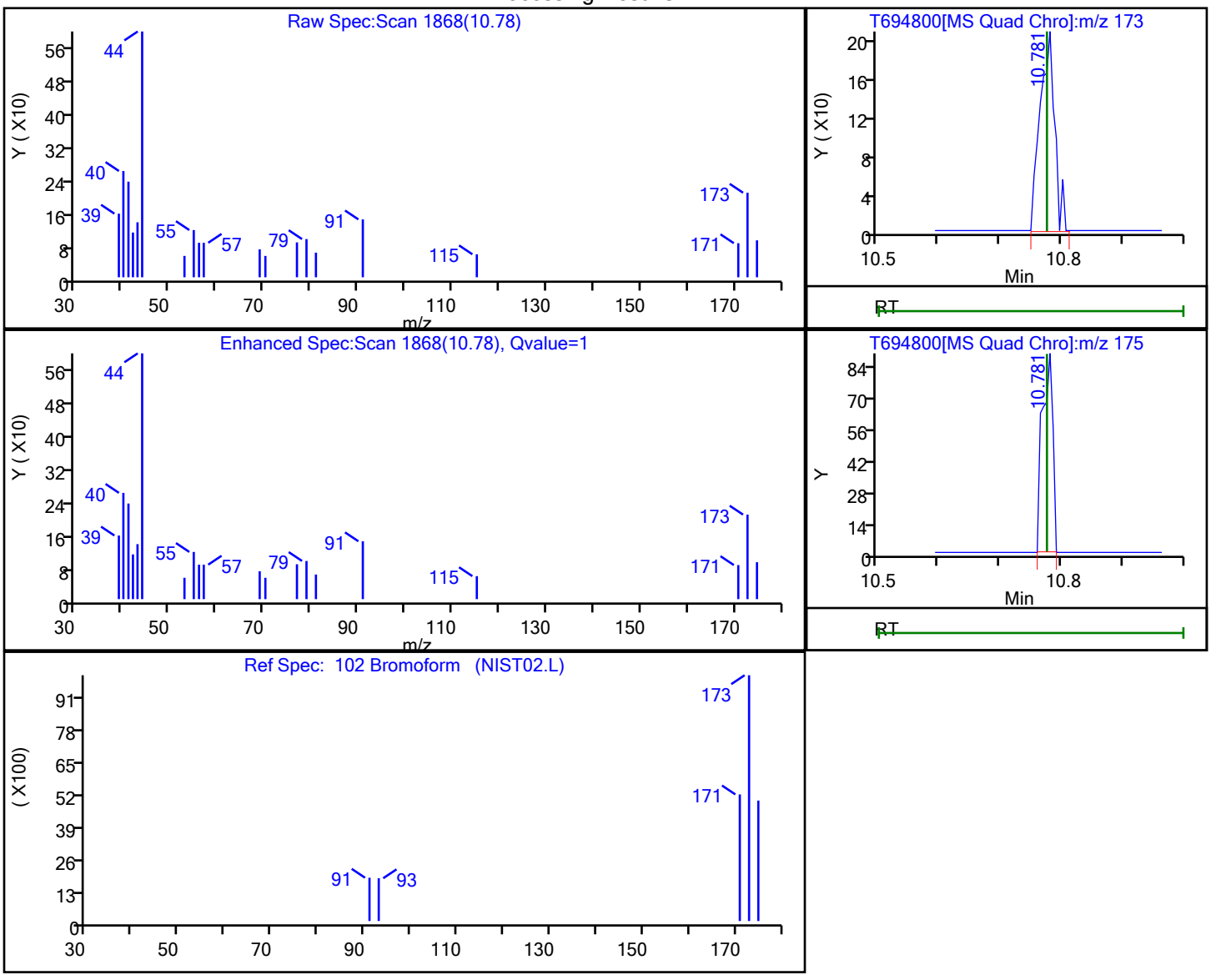
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

102 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
10.78	173.00	342	0.163018
10.78	175.00	108	

Reviewer: NN6A, 14-Nov-2025 17:00:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

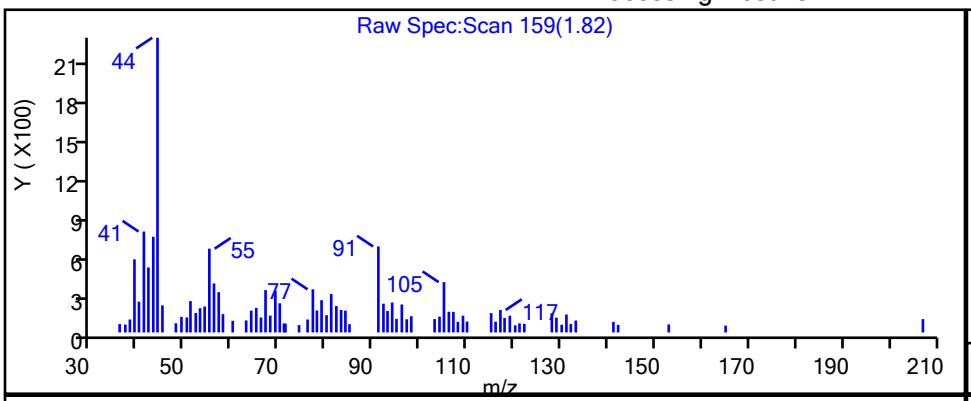
User Disabled Compound Report

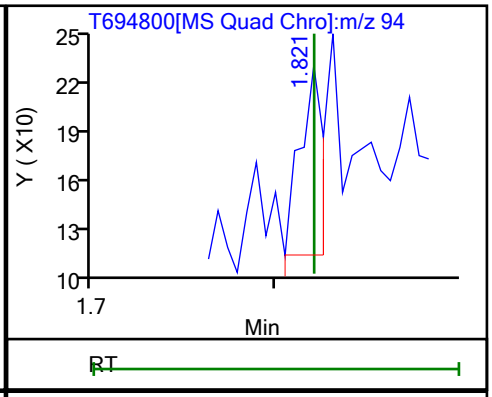
Eurofins Edison

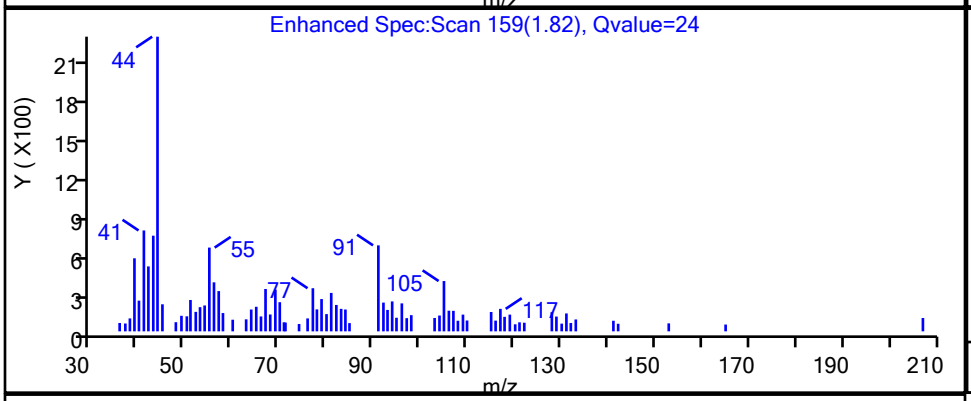
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

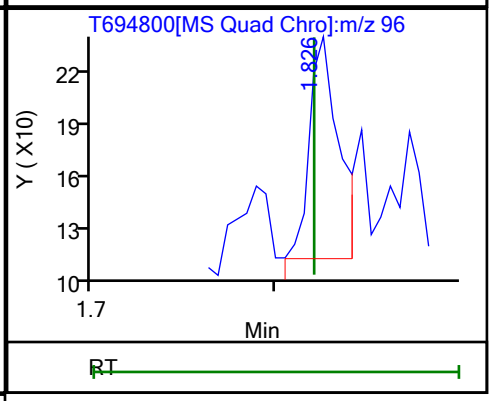
9 Bromomethane, CAS: 74-83-9

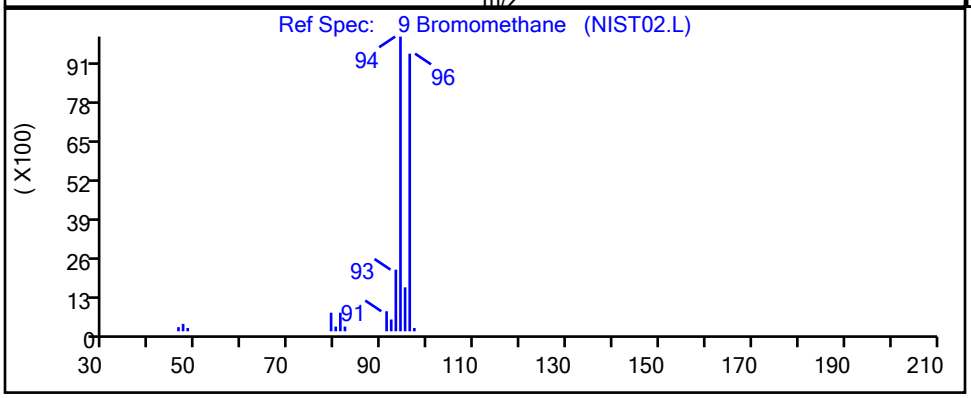
Processing Results











RT	Mass	Response	Amount
1.82	94.00	99	0.108913
1.83	96.00	128	

Reviewer: NN6A, 14-Nov-2025 16:59:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

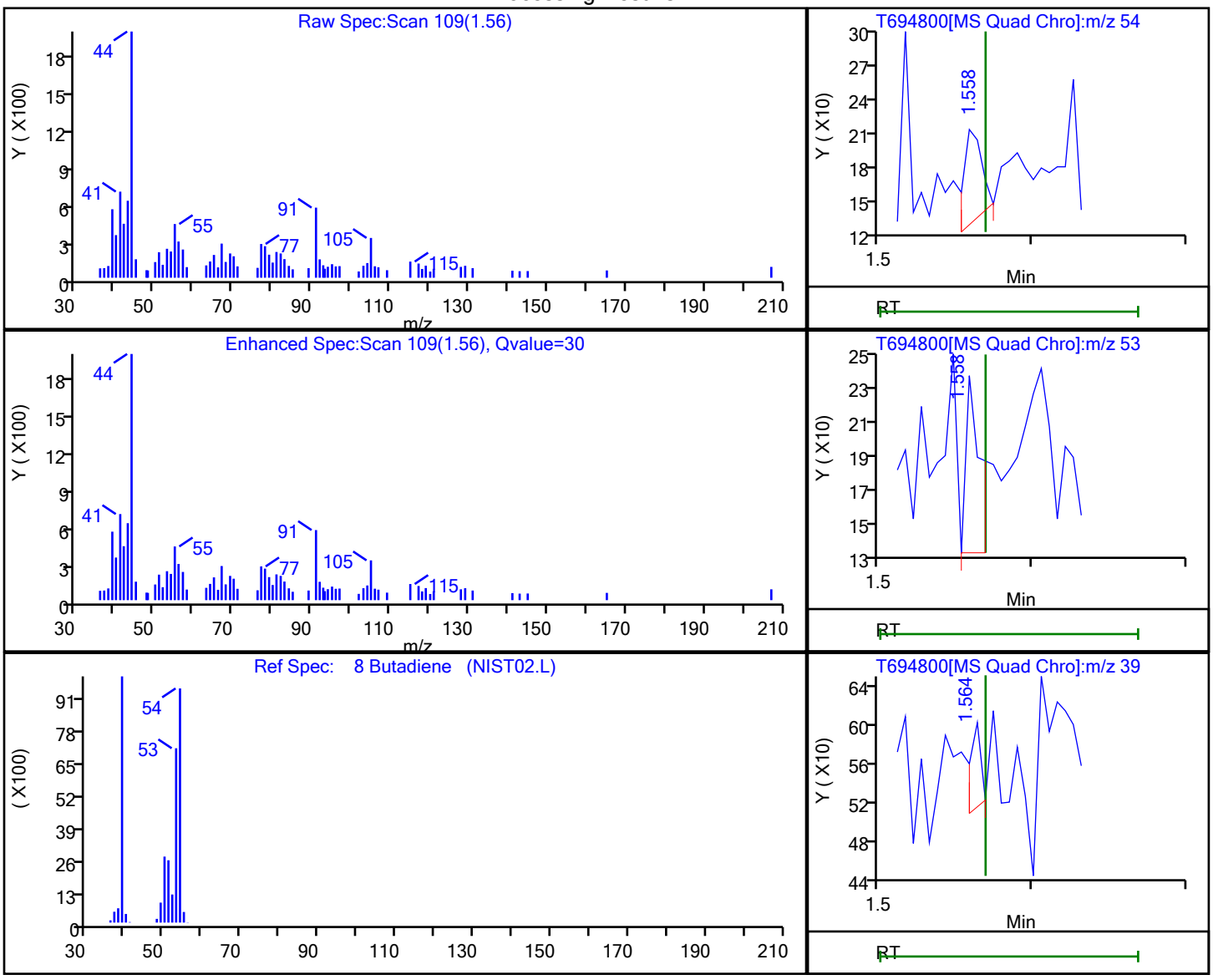
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
1.56	54.00	65	0.029075
1.56	53.00	64	
1.56	39.00	43	

Reviewer: NN6A, 14-Nov-2025 16:59:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

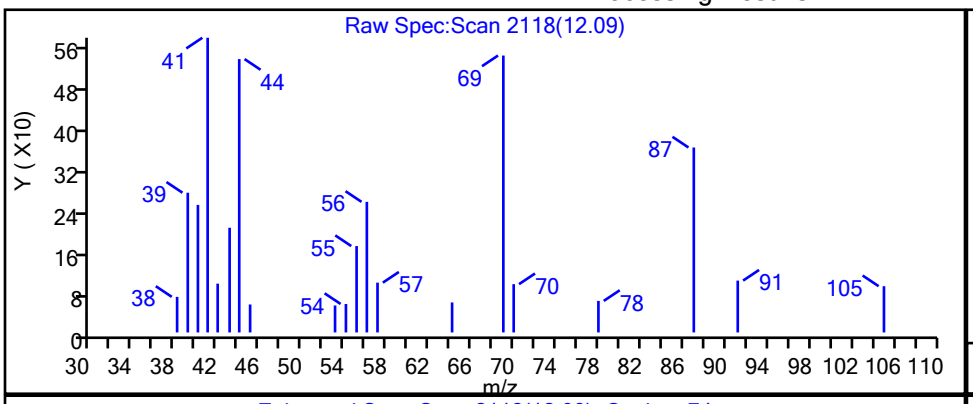
User Disabled Compound Report

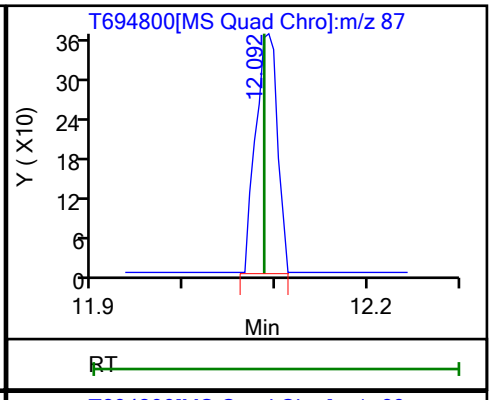
Eurofins Edison

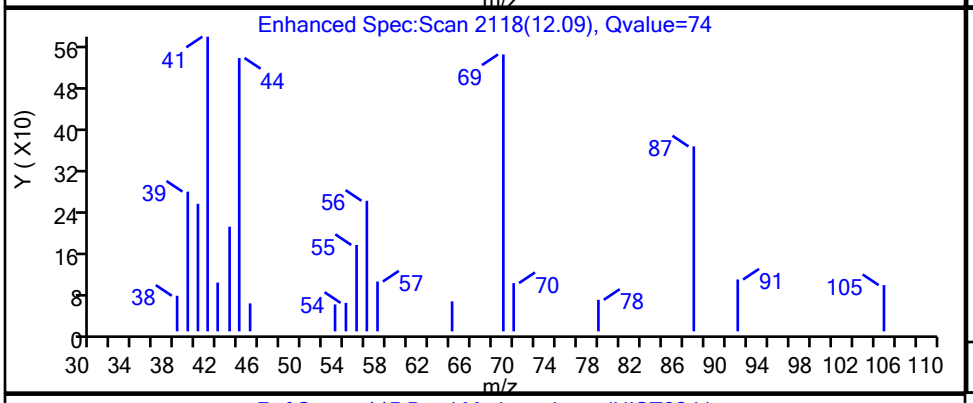
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

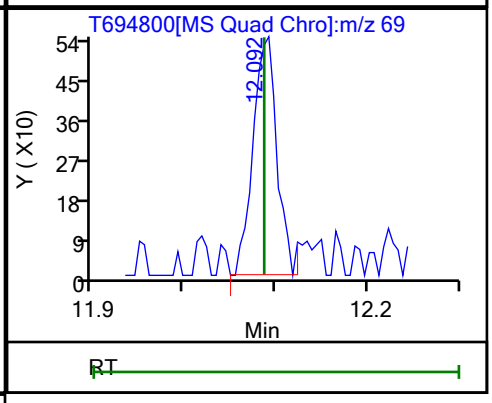
115 Butyl Methacrylate, CAS: 97-88-1

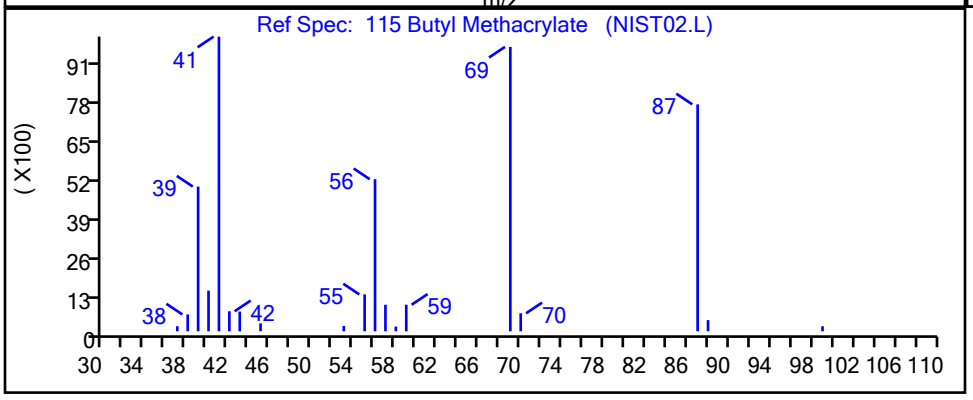
Processing Results











RT	Mass	Response	Amount
12.09	87.00	599	0.168590
12.09	69.00	1002	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

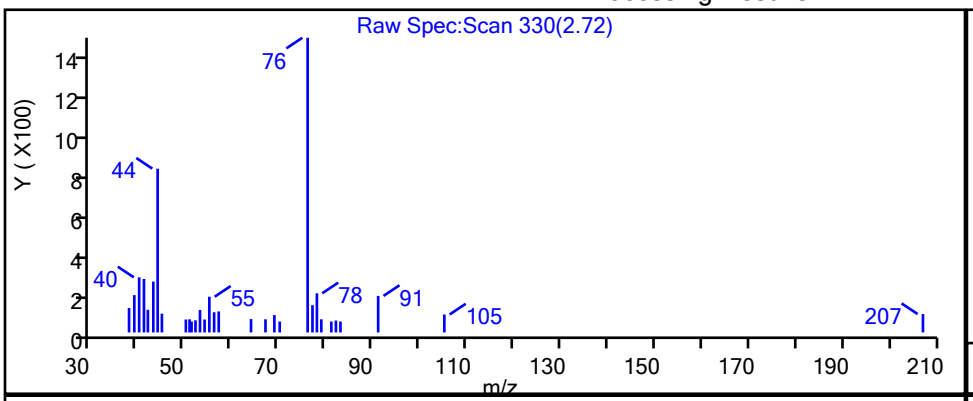
User Disabled Compound Report

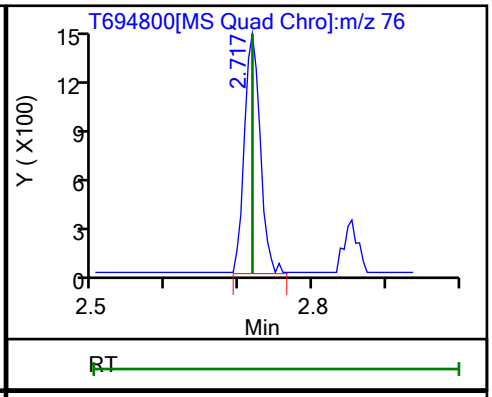
Eurofins Edison

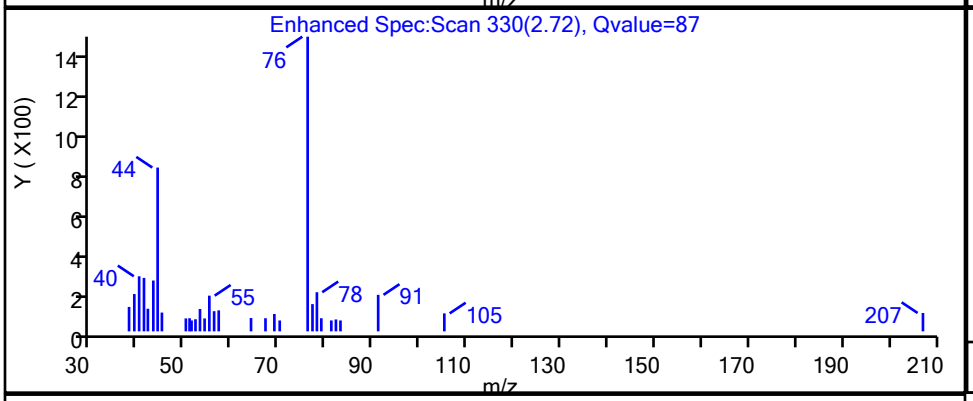
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

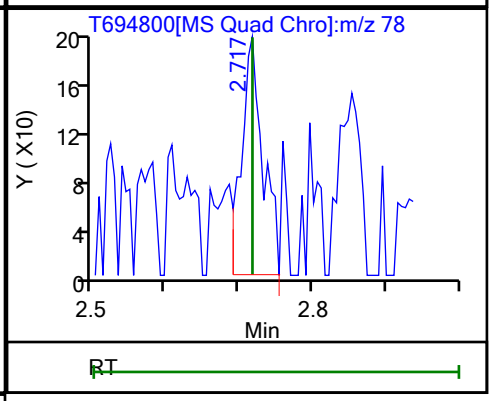
24 Carbon disulfide, CAS: 75-15-0

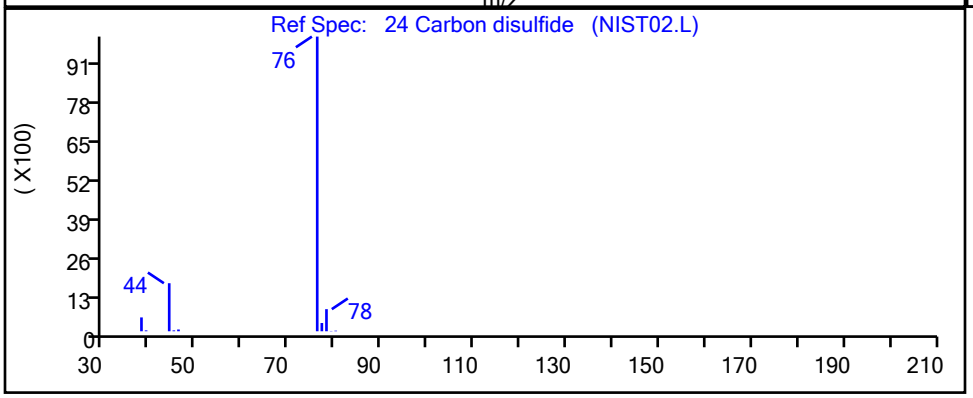
Processing Results











RT	Mass	Response	Amount
2.72	76.00	2178	0.228273
2.72	78.00	394	

Reviewer: NN6A, 14-Nov-2025 16:59:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

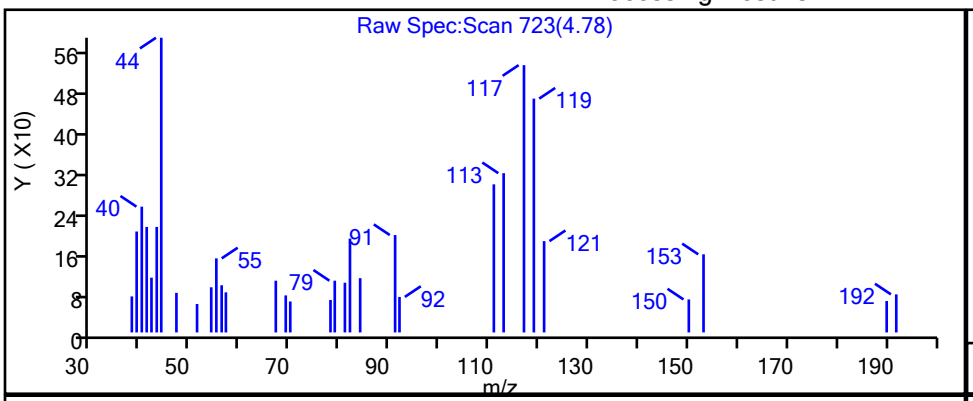
User Disabled Compound Report

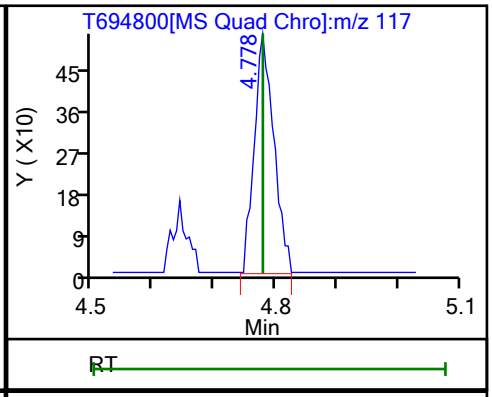
Eurofins Edison

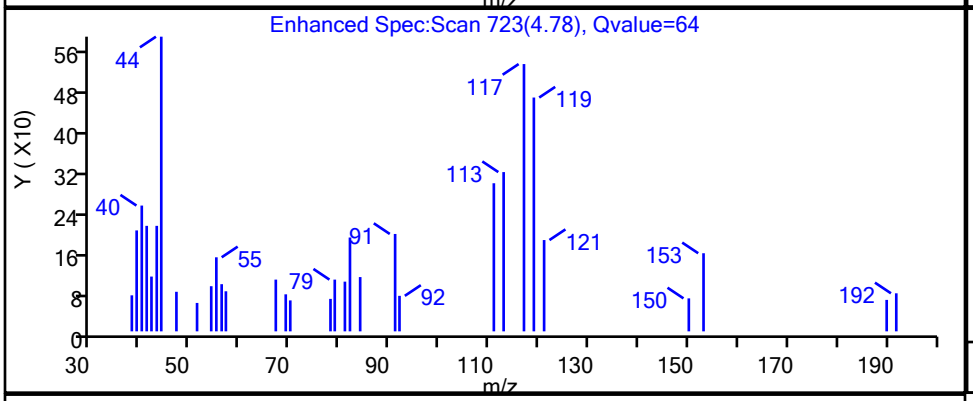
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

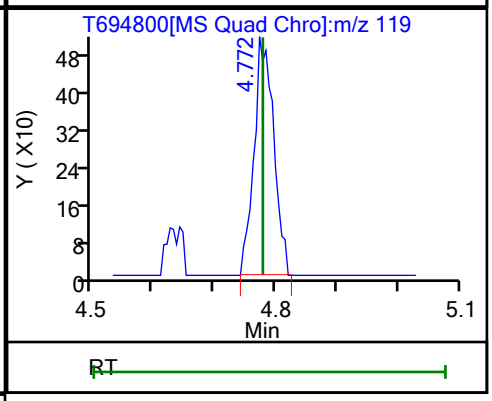
56 Carbon tetrachloride, CAS: 56-23-5

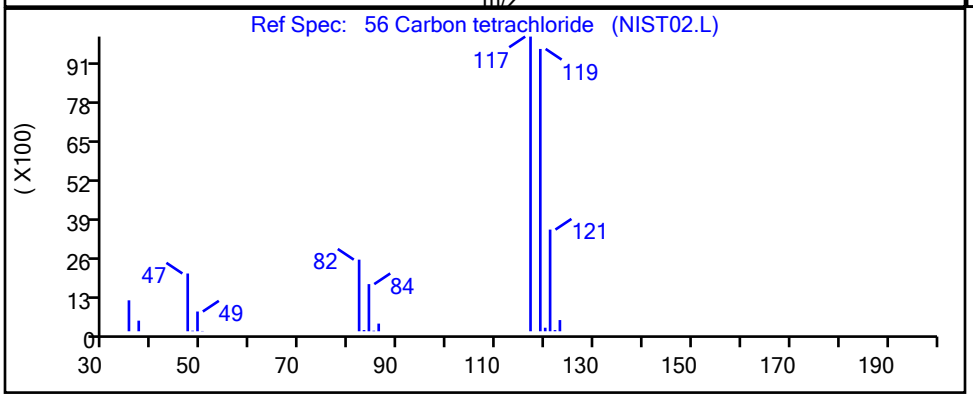
Processing Results











RT	Mass	Response	Amount
4.78	117.00	1167	0.222086
4.77	119.00	1144	

Reviewer: NN6A, 14-Nov-2025 16:59:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

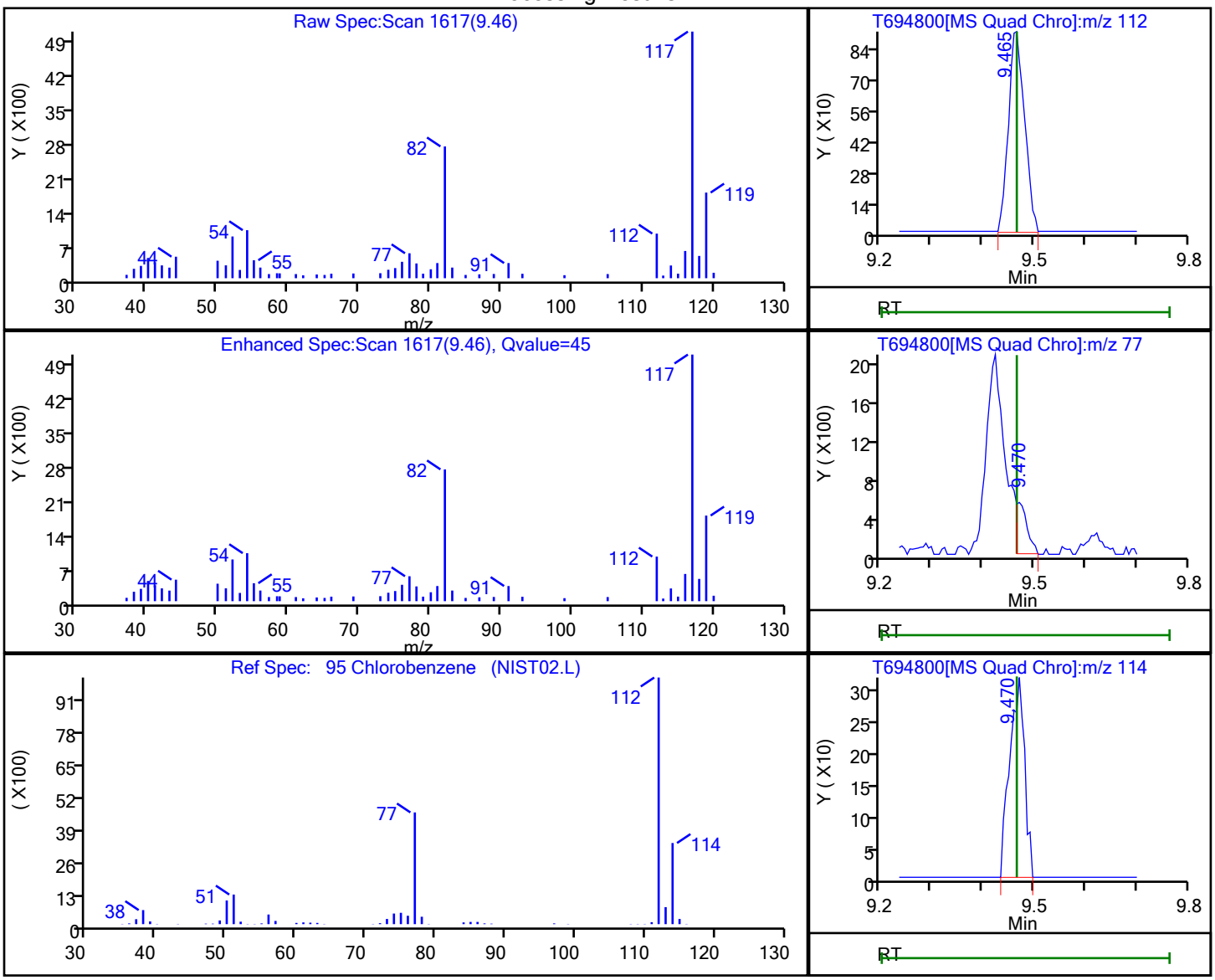
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
9.46	112.00	2010	0.205642
9.47	77.00	810	
9.47	114.00	646	

Reviewer: NN6A, 14-Nov-2025 17:00:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

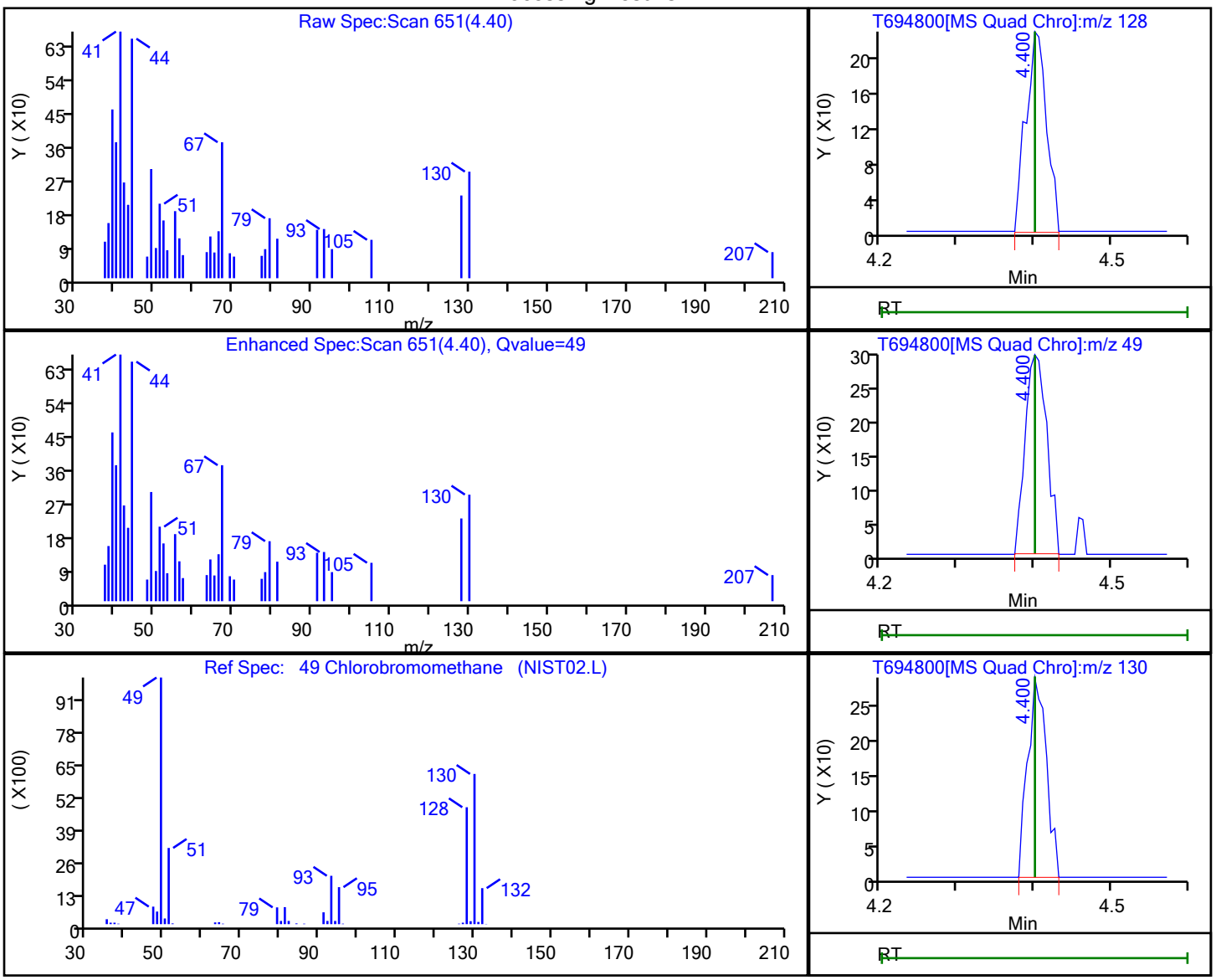
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

49 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
4.40	128.00	415	0.228592
4.40	49.00	578	
4.40	130.00	487	

Reviewer: NN6A, 14-Nov-2025 16:59:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

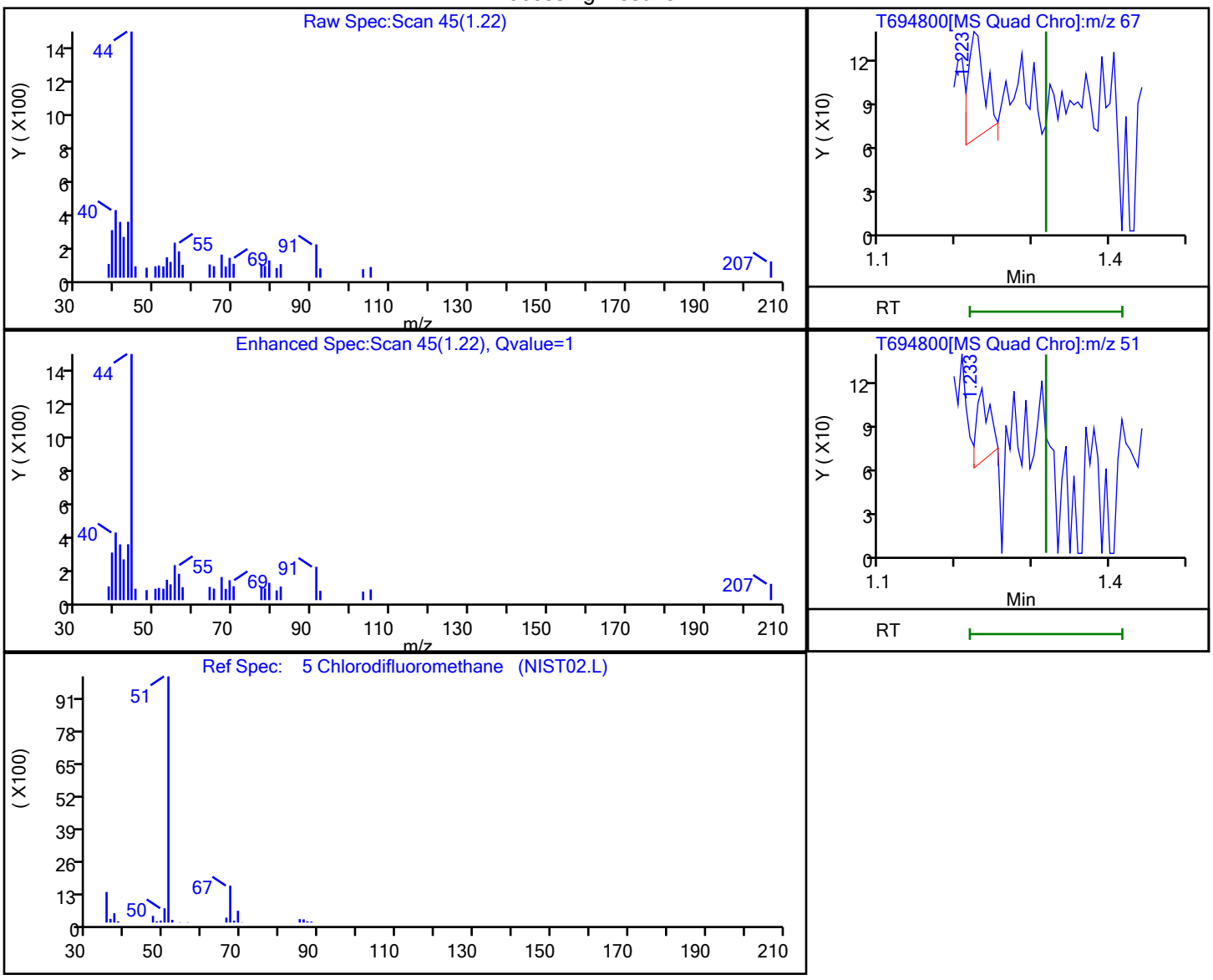
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.22	67.00	107	0.145528
1.23	51.00	57	

Reviewer: NN6A, 14-Nov-2025 16:59:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

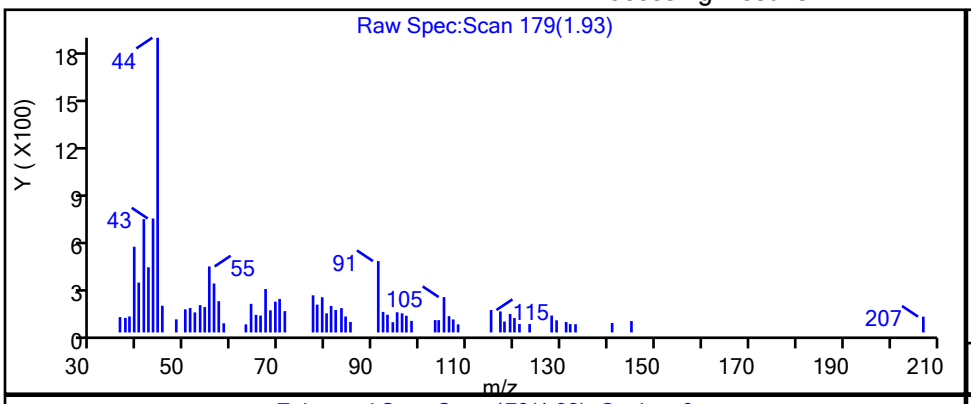
User Disabled Compound Report

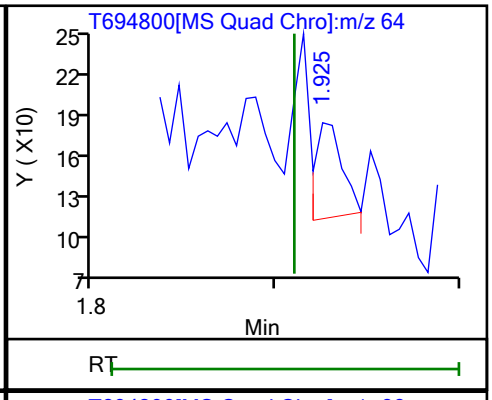
Eurofins Edison

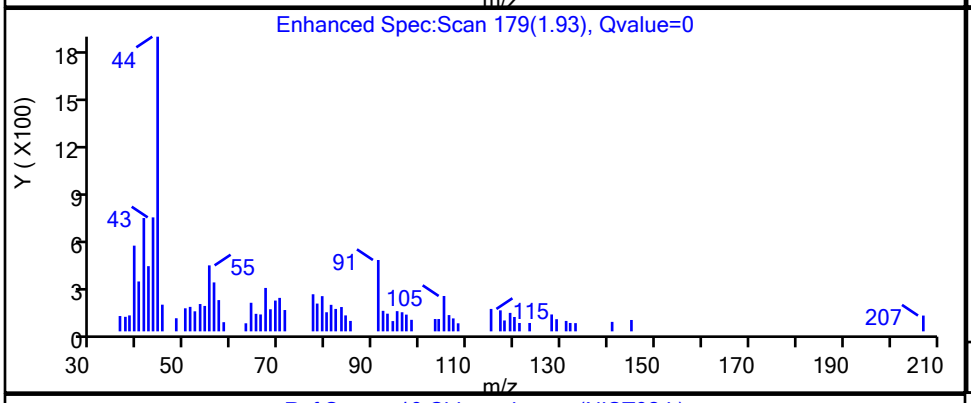
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

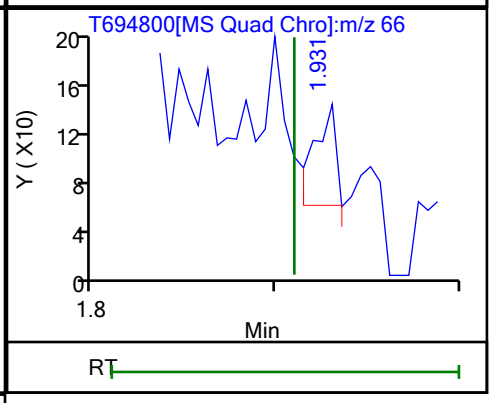
10 Chloroethane, CAS: 75-00-3

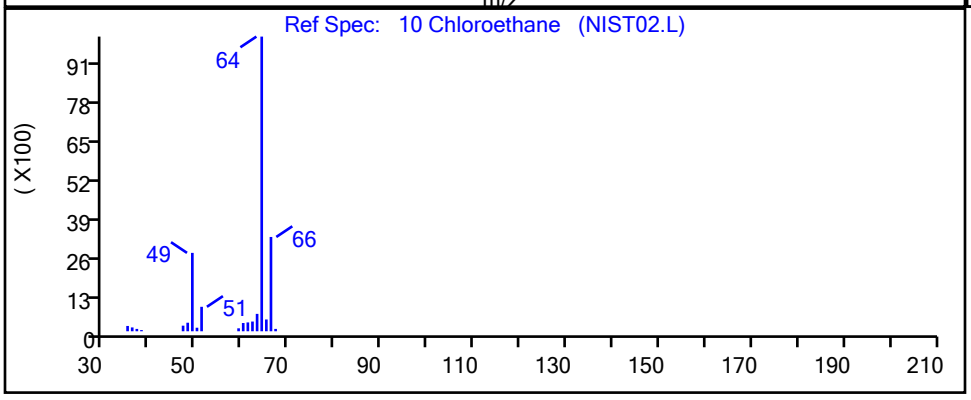
Processing Results











RT	Mass	Response	Amount
1.93	64.00	72	0.046110
1.93	66.00	69	

Reviewer: NN6A, 14-Nov-2025 16:59:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

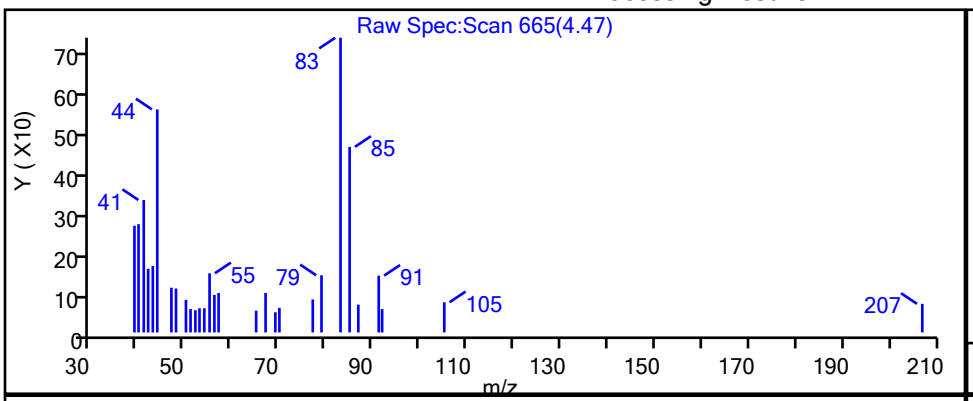
User Disabled Compound Report

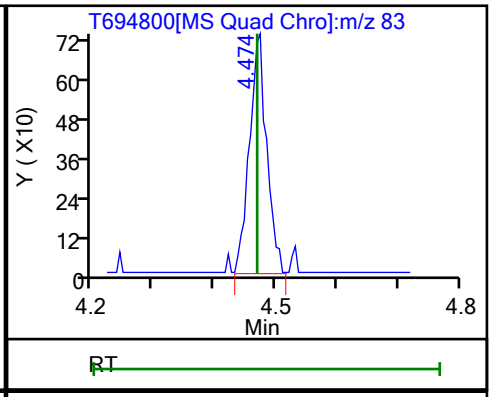
Eurofins Edison

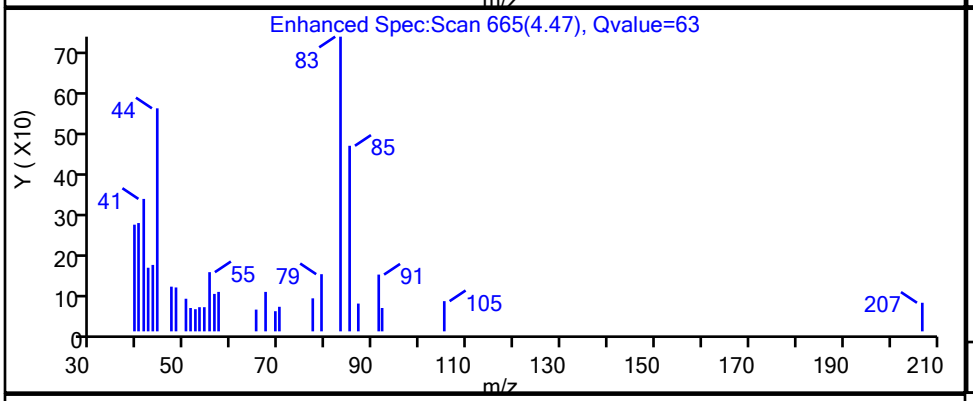
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

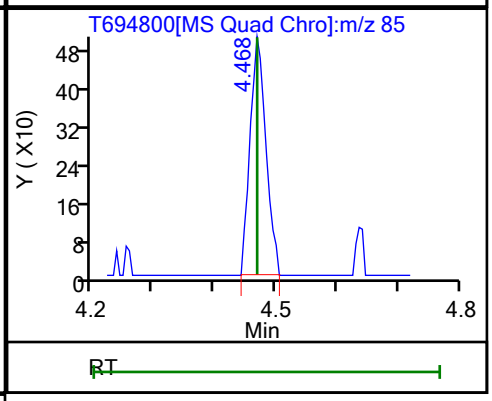
52 Chloroform, CAS: 67-66-3

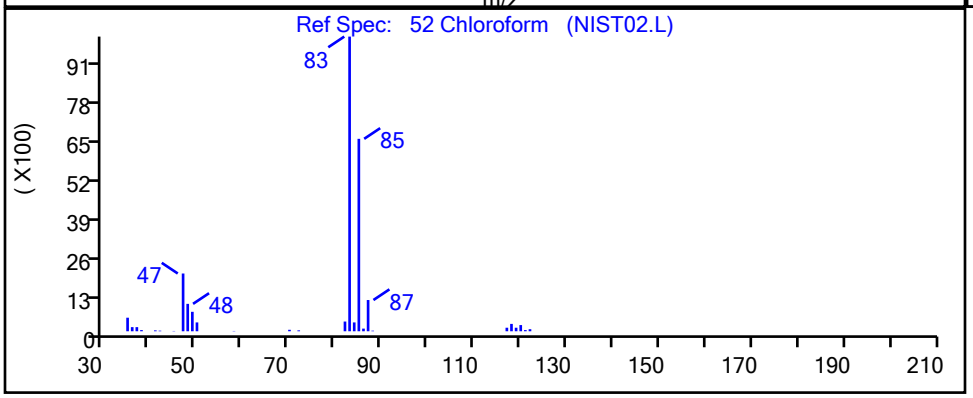
Processing Results











RT	Mass	Response	Amount
4.47	83.00	1431	0.216581
4.47	85.00	919	

Reviewer: NN6A, 14-Nov-2025 16:59:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

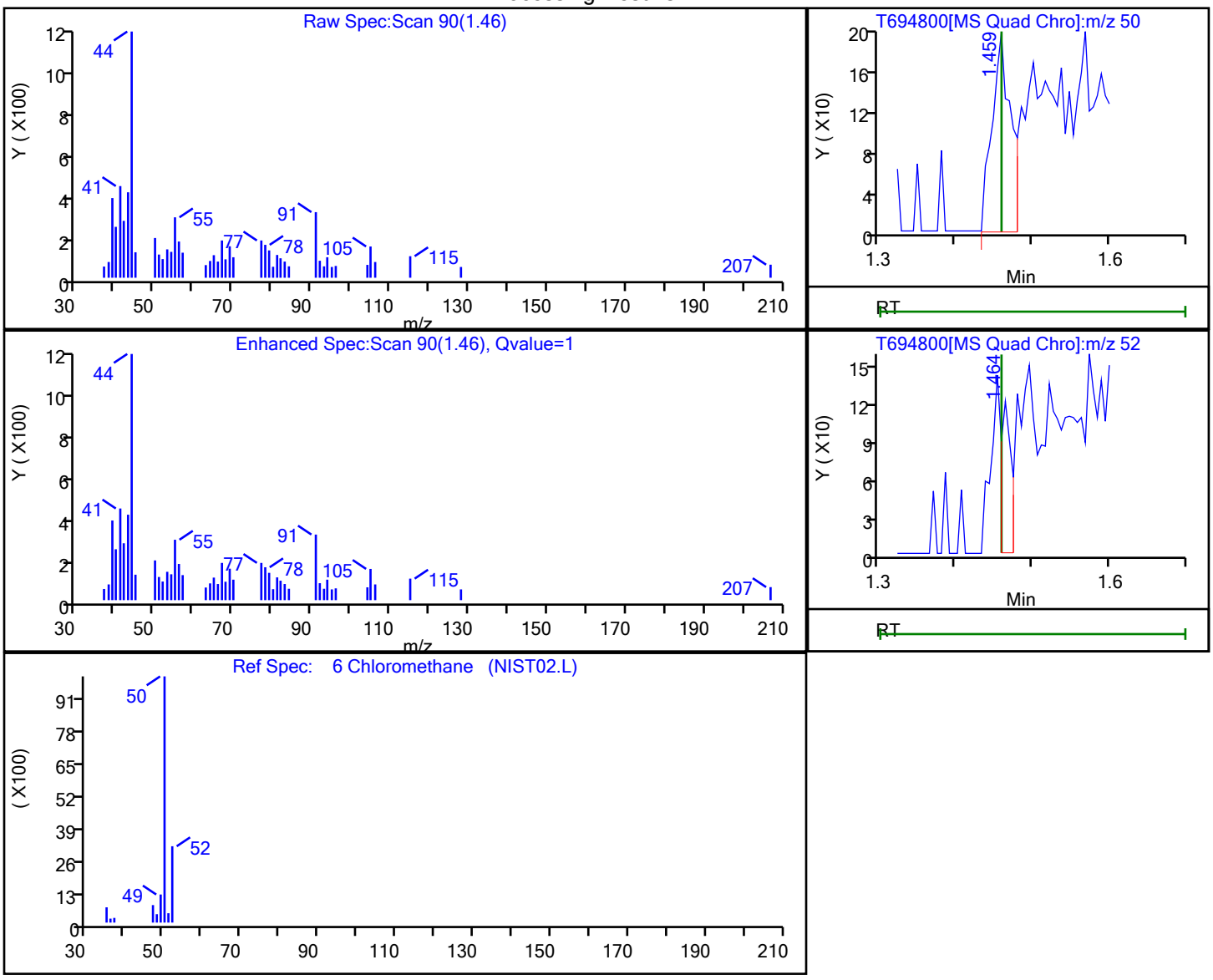
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.46	50.00	329	0.103037
1.46	52.00	115	

Reviewer: NN6A, 14-Nov-2025 16:59:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

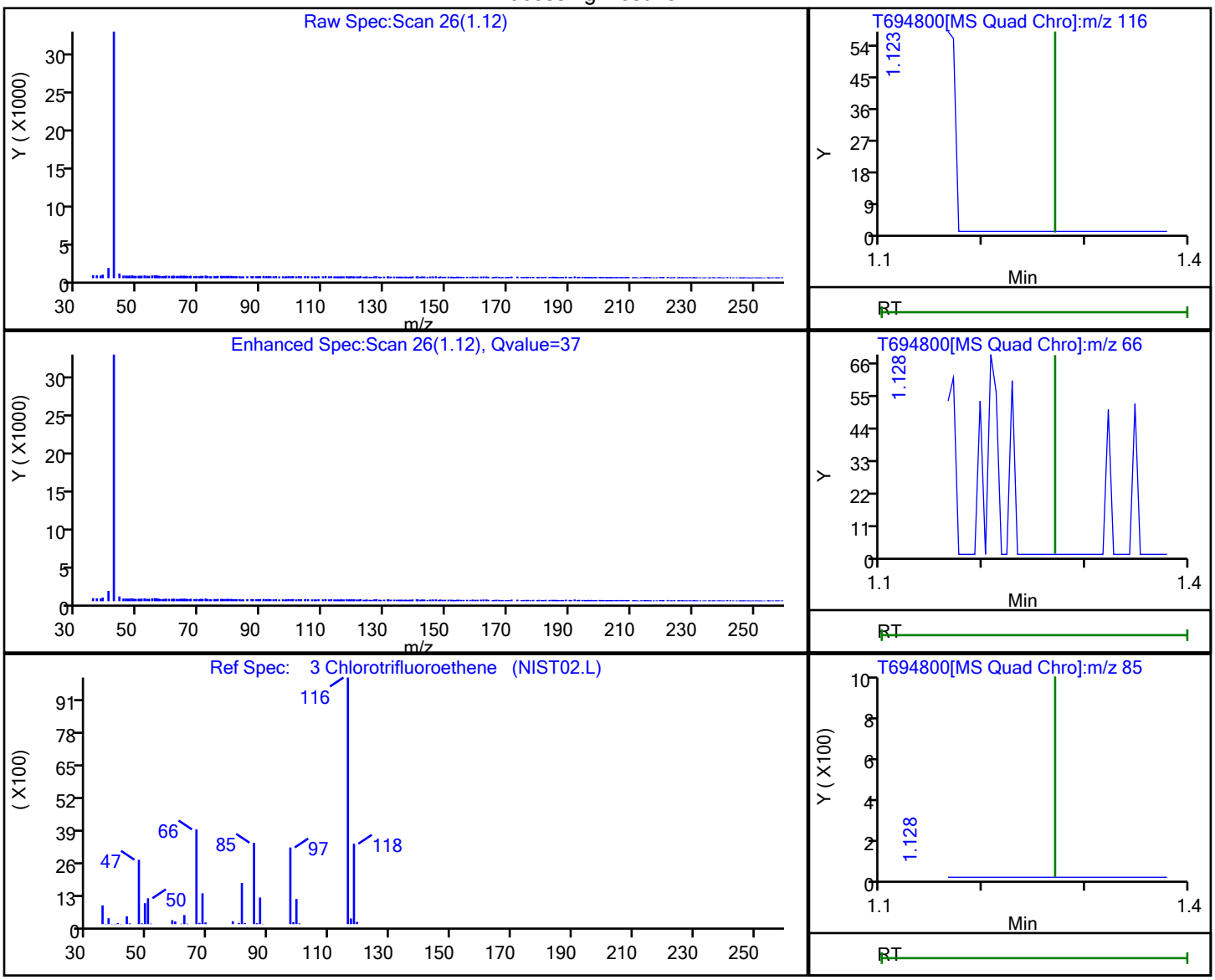
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.12	116.00	397	0.499541
1.13	66.00	573	
1.13	85.00	279	
1.12	118.00	314	

Reviewer: NN6A, 14-Nov-2025 16:59:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

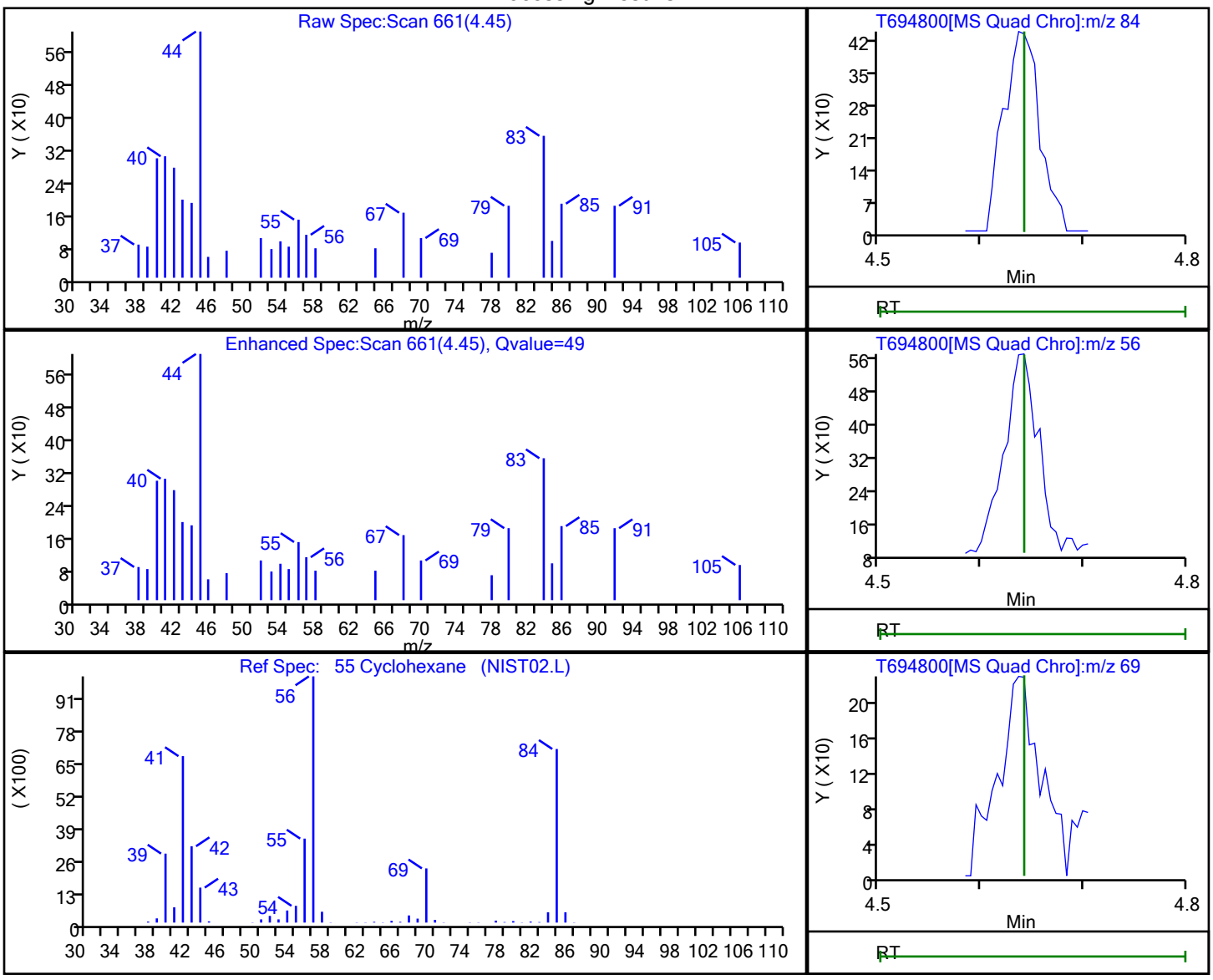
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

55 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.45	84.00	46	0.009546
4.45	56.00	30	
4.45	69.00	145	

Reviewer: NN6A, 14-Nov-2025 16:59:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

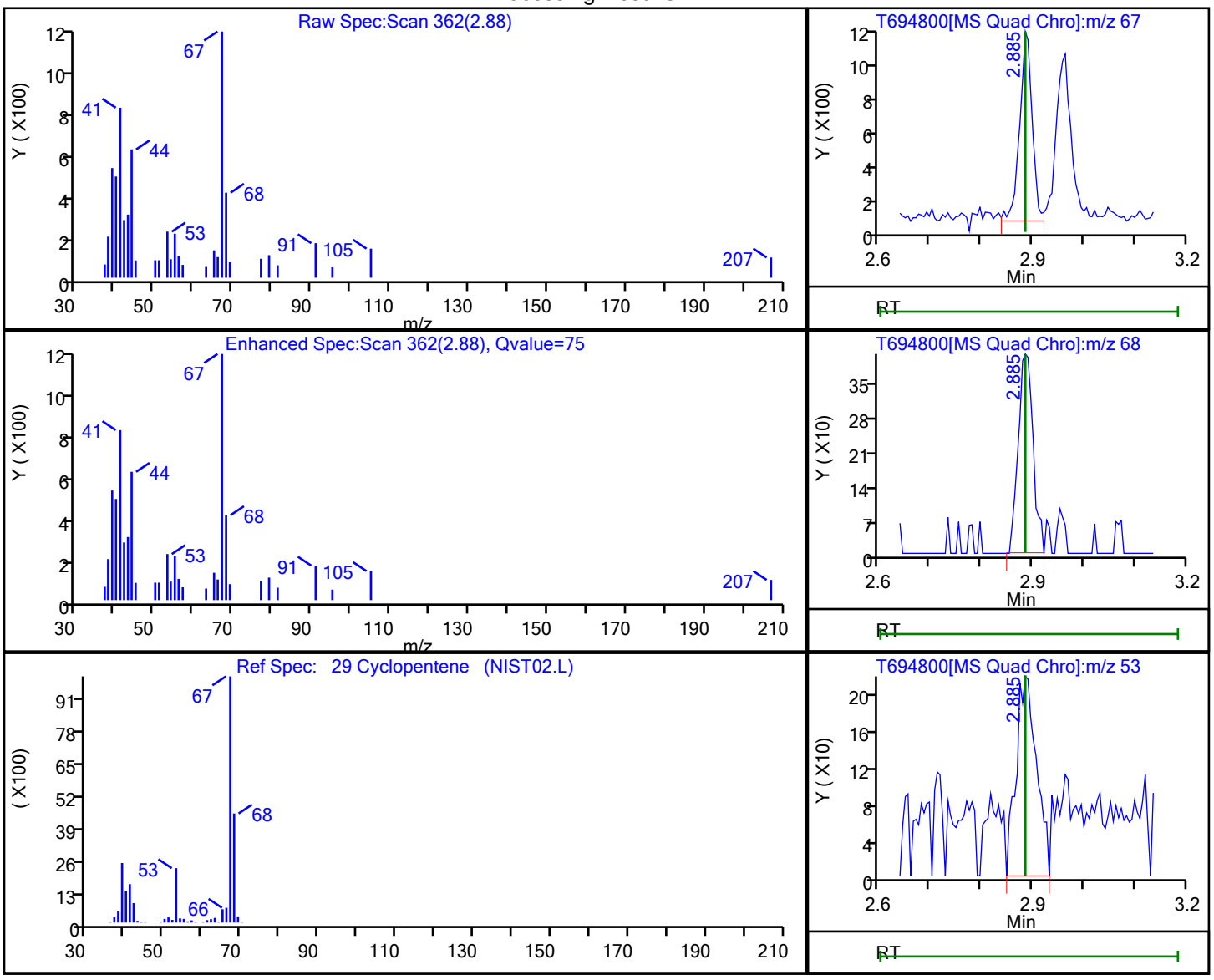
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.88	67.00	1888	0.225867
2.88	68.00	821	
2.88	53.00	613	

Reviewer: NN6A, 14-Nov-2025 16:59:31 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

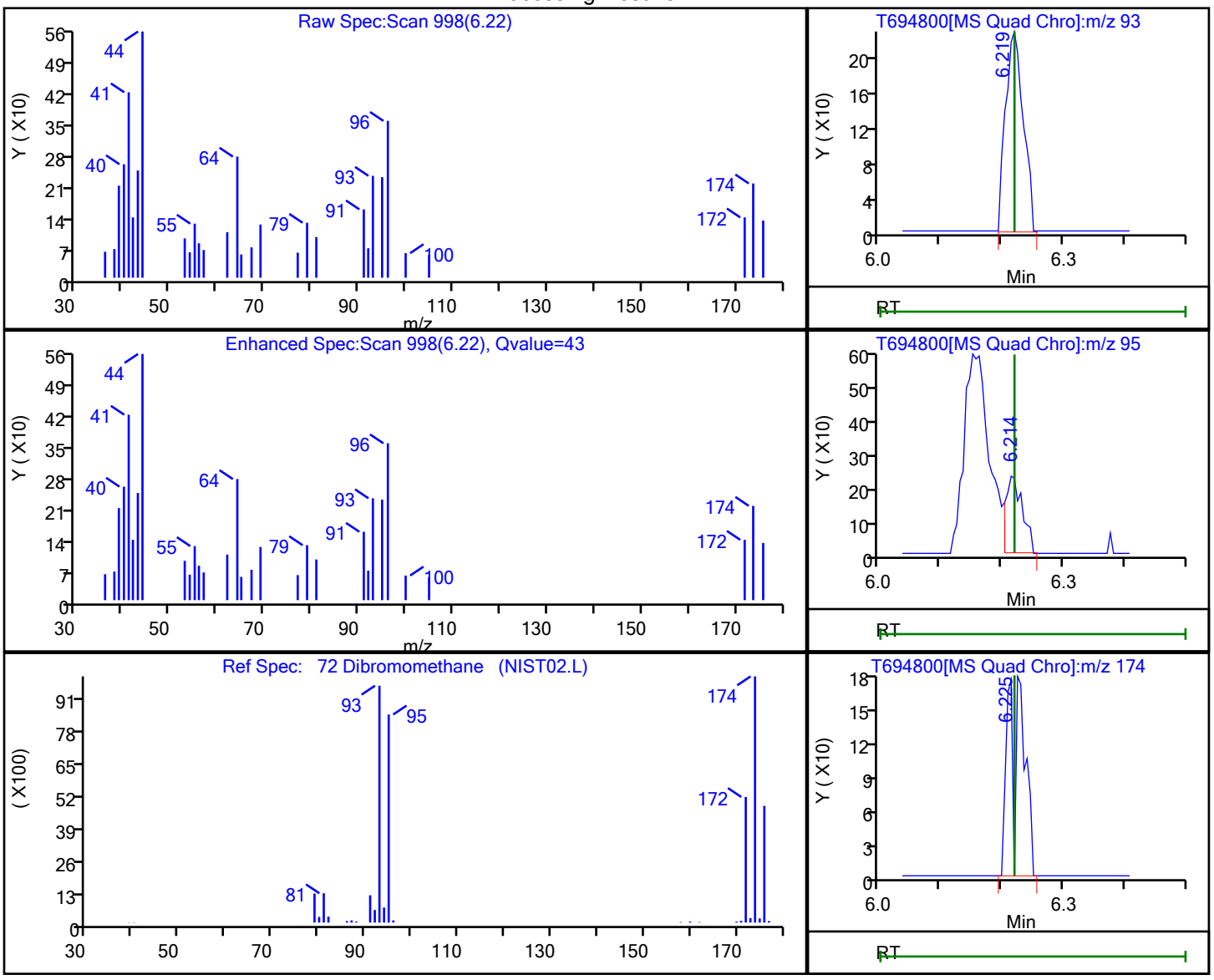
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

72 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
6.22	93.00	459	0.218408
6.21	95.00	437	
6.22	174.00	325	

Reviewer: NN6A, 14-Nov-2025 17:00:07 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

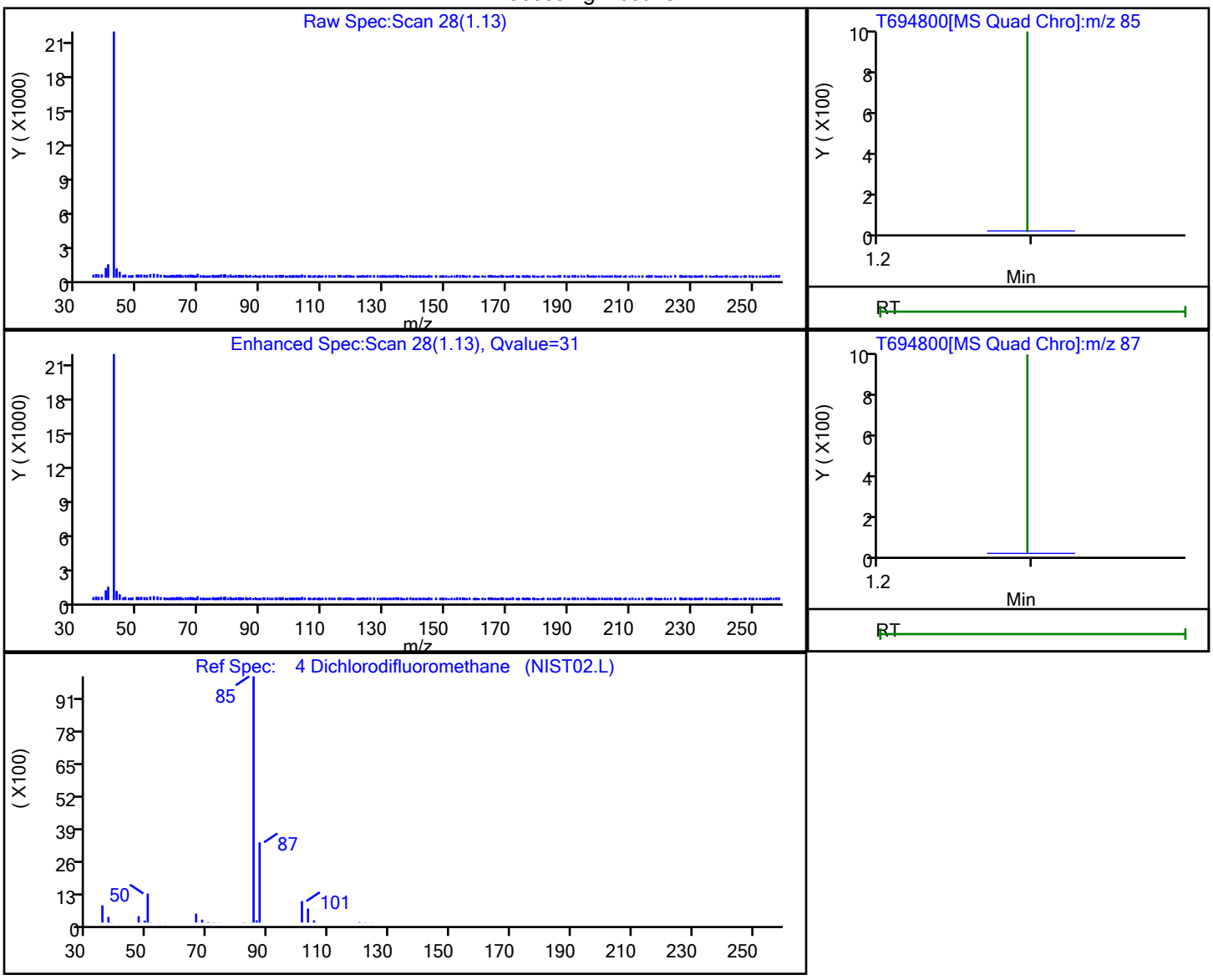
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D				
Injection Date:	10-Nov-2025 08:05:09	Instrument ID:	CVOAMS15		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.13	85.00	164	0.034917
1.14	87.00	130	

Reviewer: NN6A, 14-Nov-2025 16:59:25 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

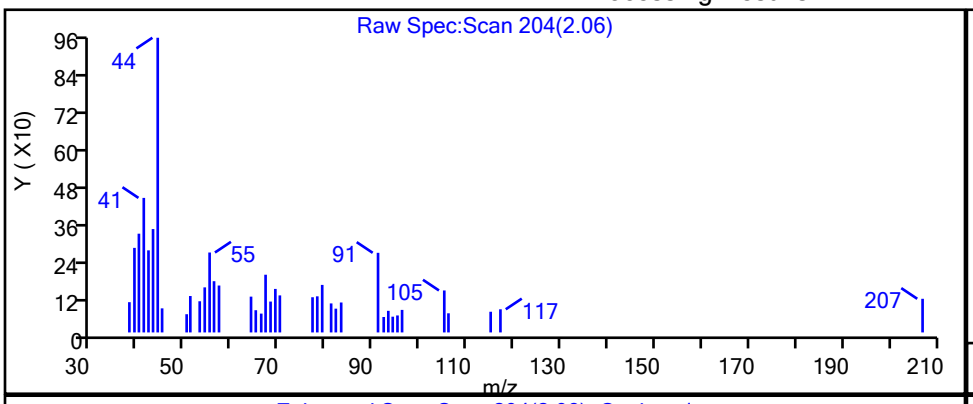
User Disabled Compound Report

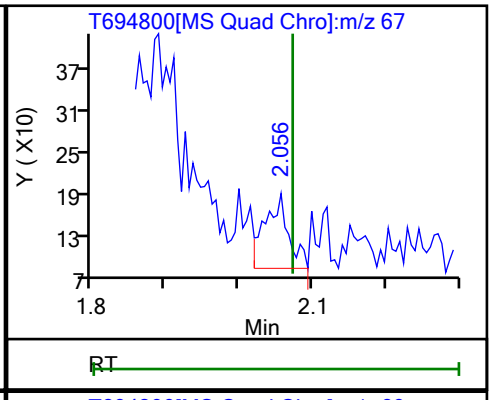
Eurofins Edison

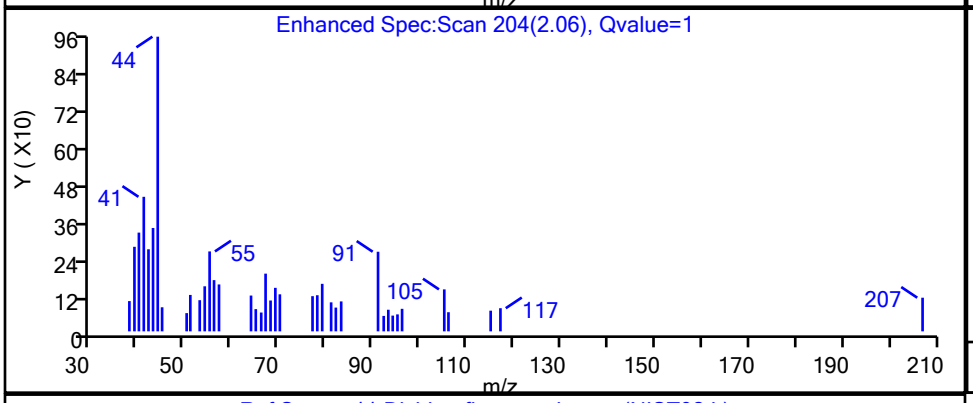
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

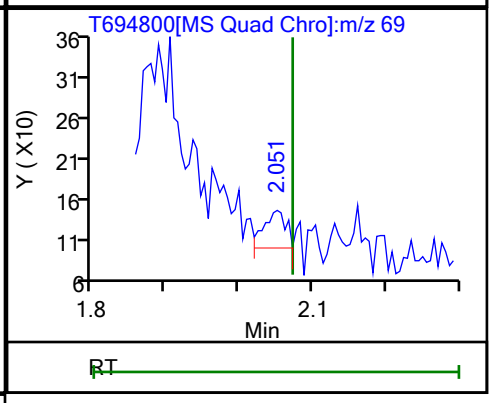
11 Dichlorofluoromethane, CAS: 75-43-4

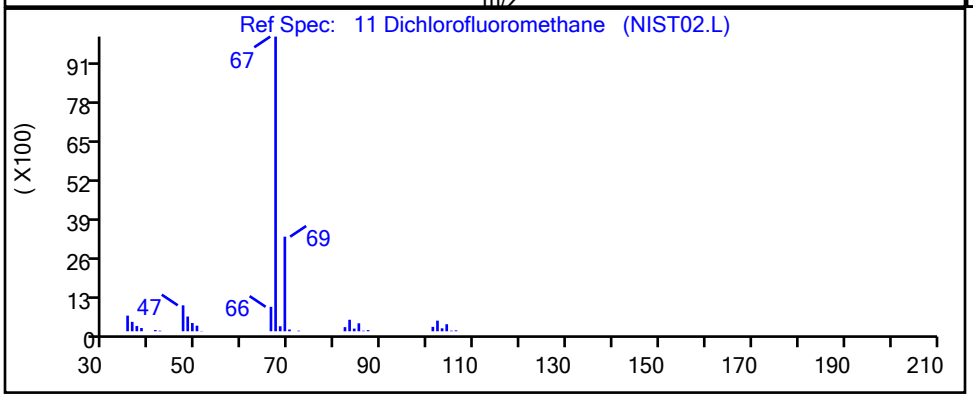
Processing Results











RT	Mass	Response	Amount
2.06	67.00	238	0.029232
2.05	69.00	93	

Reviewer: NN6A, 14-Nov-2025 16:59:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

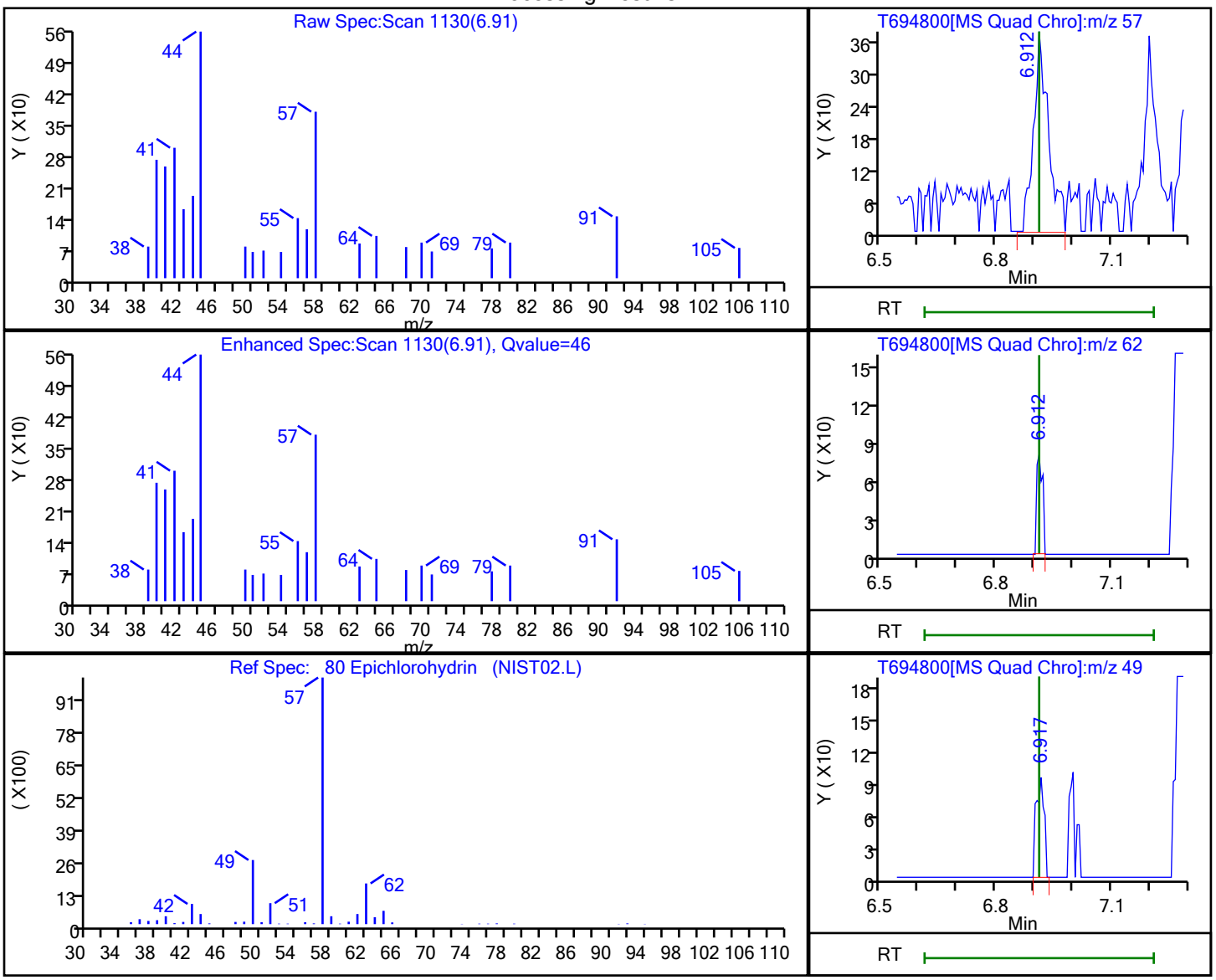
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Processing Results



RT	Mass	Response	Amount
6.91	57.00	1011	5.971572
6.91	62.00	84	
6.92	49.00	137	

Reviewer: NN6A, 14-Nov-2025 17:00:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

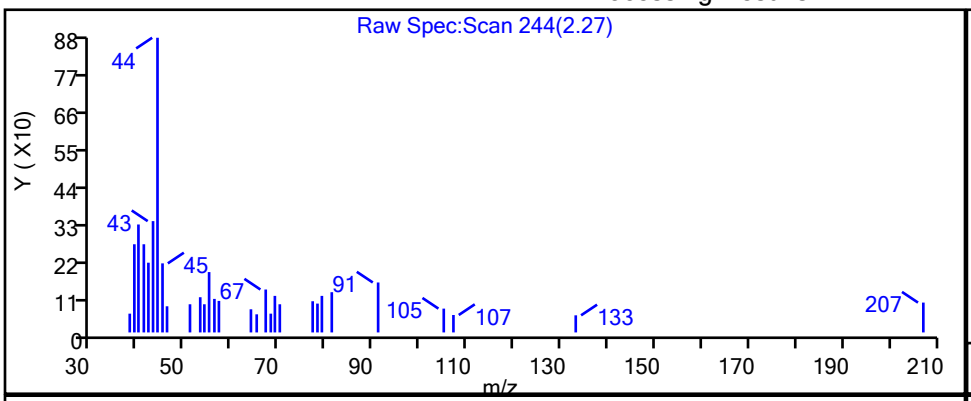
User Disabled Compound Report

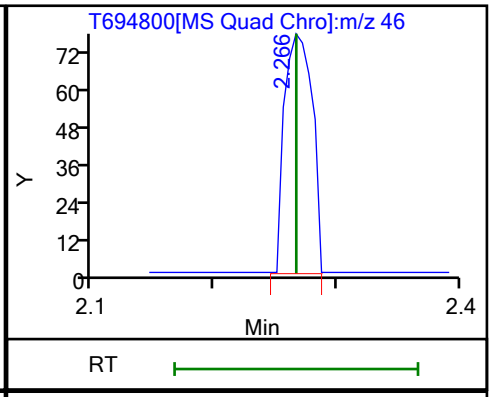
Eurofins Edison

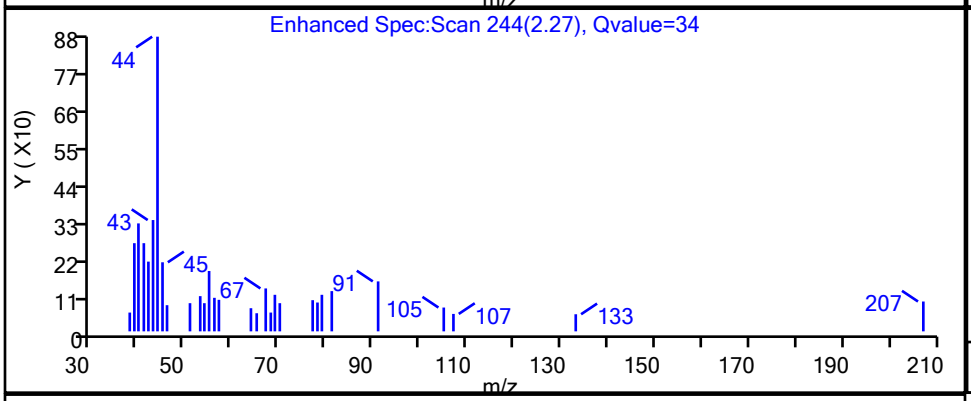
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

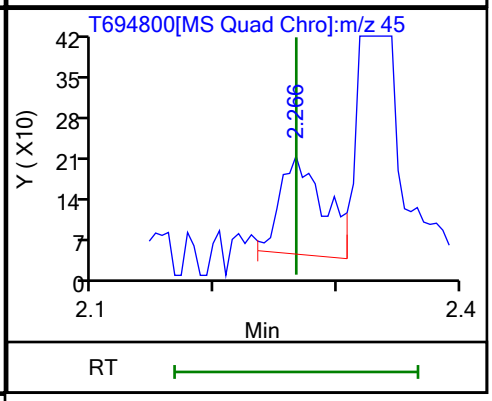
14 Ethanol, CAS: 64-17-5

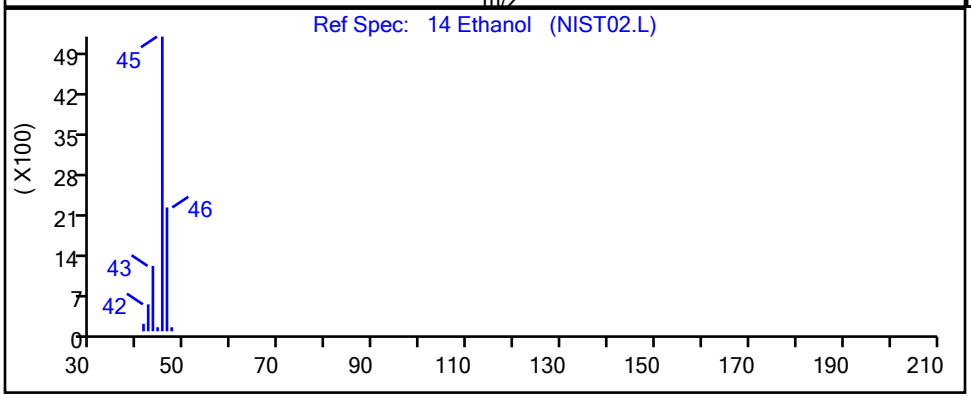
Processing Results











RT	Mass	Response	Amount
2.27	46.00	123	14.219376
2.27	45.00	424	

Reviewer: NN6A, 14-Nov-2025 16:59:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

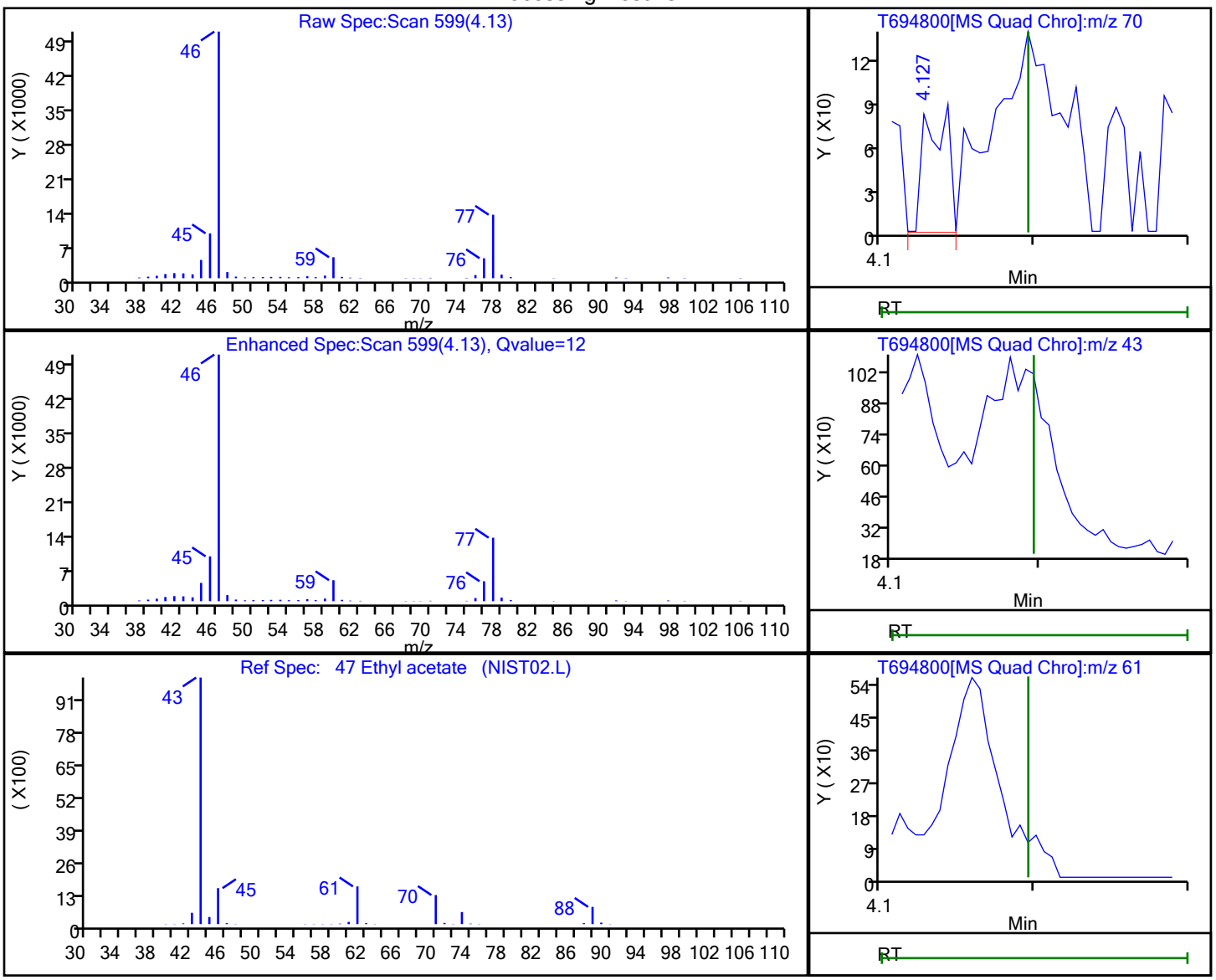
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.13	70.00	92	0.346892
4.12	43.00	1953	
4.20	61.00	0	

Reviewer: NN6A, 14-Nov-2025 16:59:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

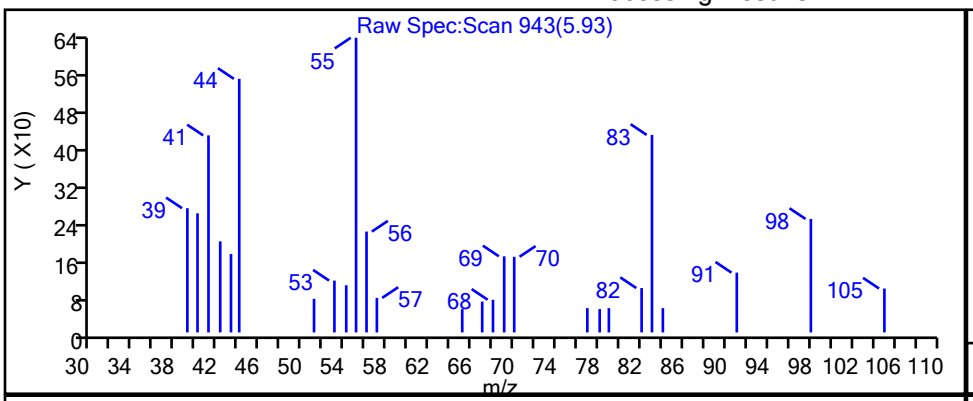
User Disabled Compound Report

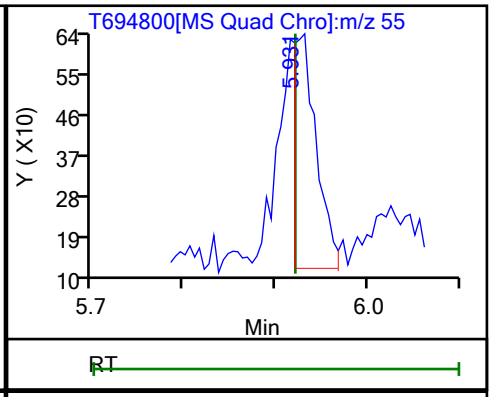
Eurofins Edison

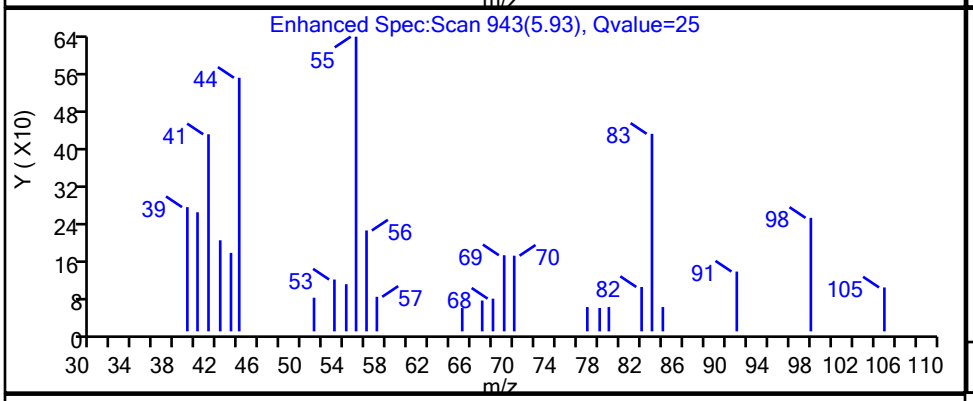
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

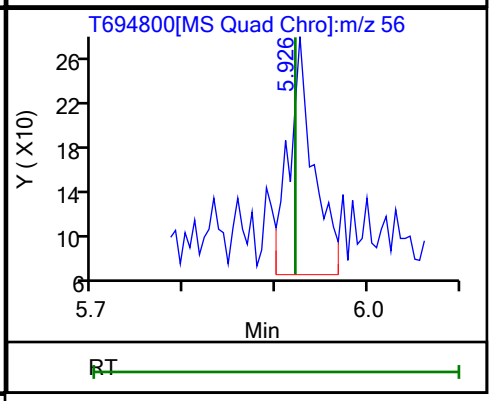
69 Ethyl acrylate, CAS: 140-88-5

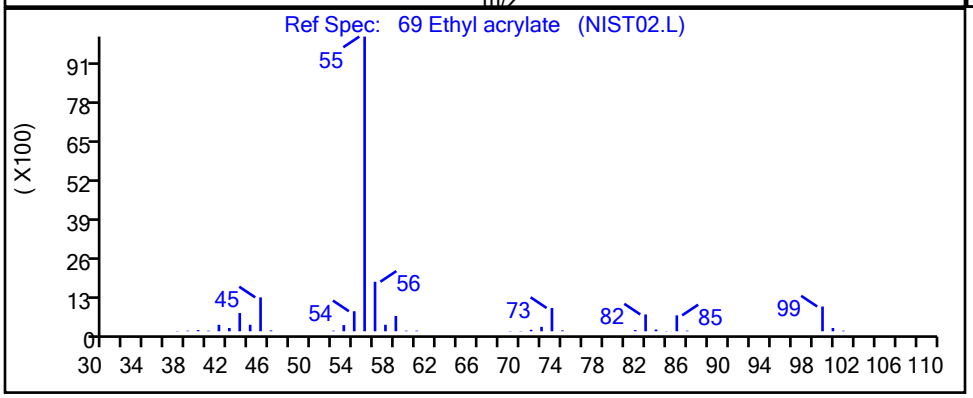
Processing Results











RT	Mass	Response	Amount
5.93	55.00	879	0.137229
5.93	56.00	391	

Reviewer: NN6A, 14-Nov-2025 16:59:53 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

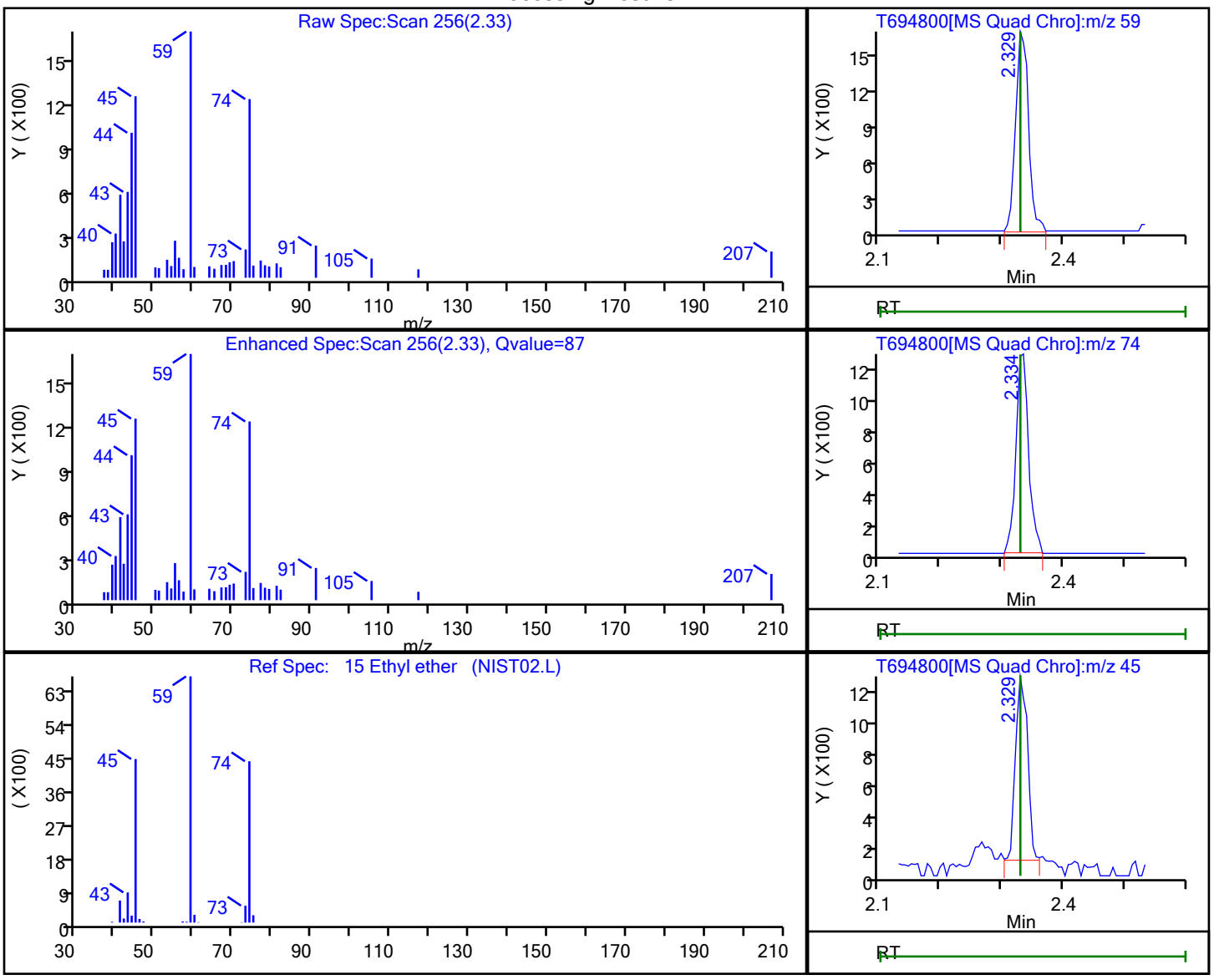
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.33	59.00	2418	0.202421
2.33	74.00	1758	
2.33	45.00	1509	

Reviewer: NN6A, 14-Nov-2025 16:59:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

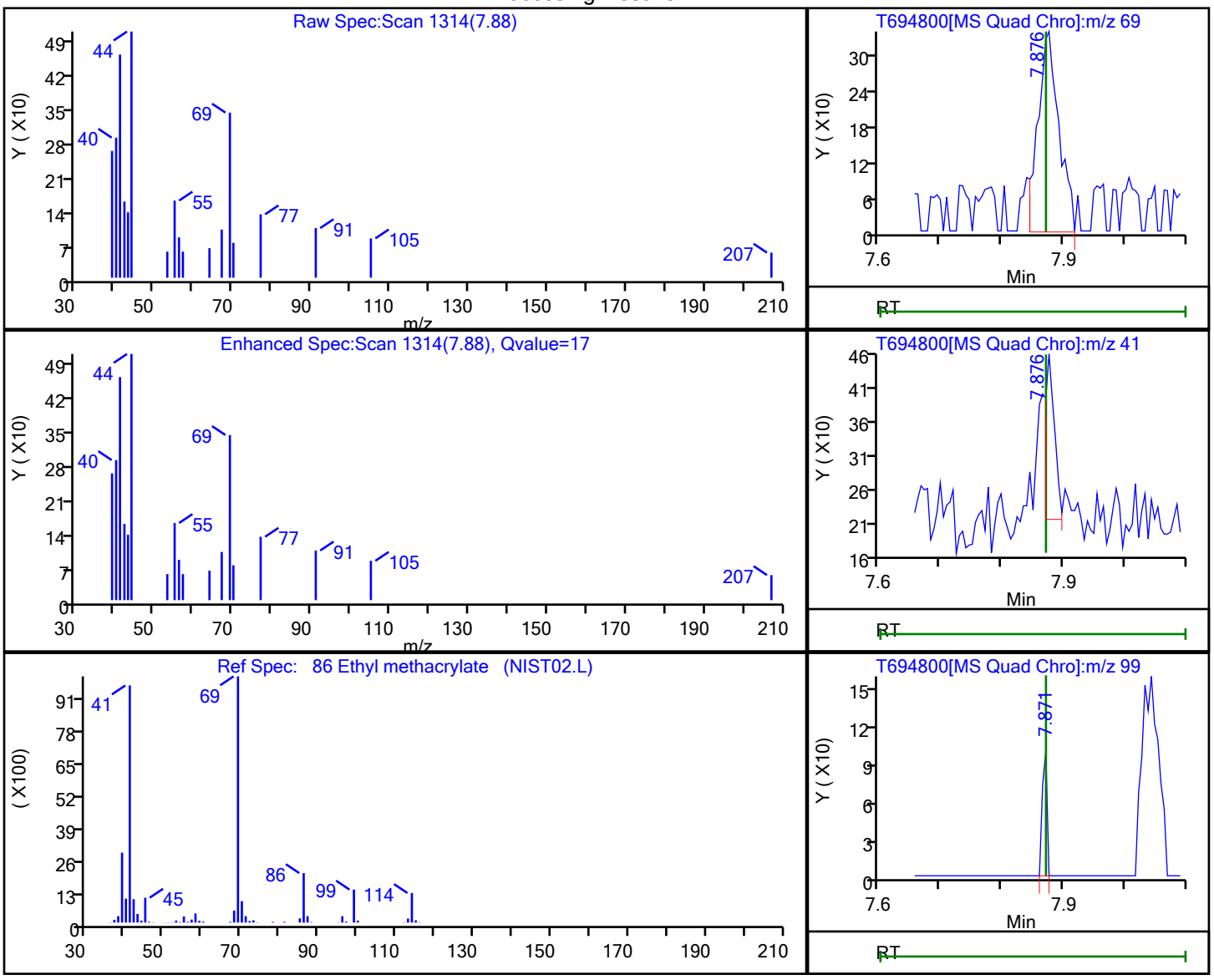
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
7.88	69.00	797	0.216907
7.88	41.00	244	
7.87	99.00	54	

Reviewer: NN6A, 14-Nov-2025 17:00:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

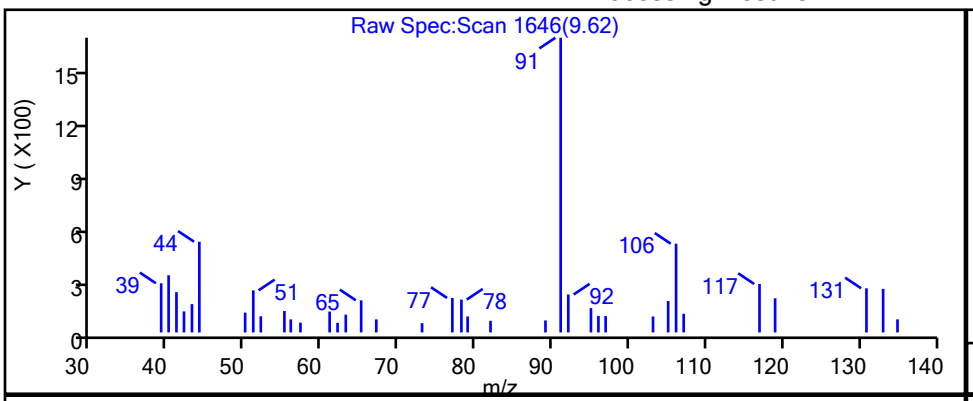
User Disabled Compound Report

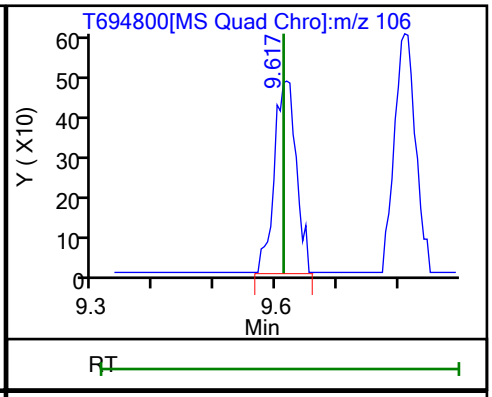
Eurofins Edison

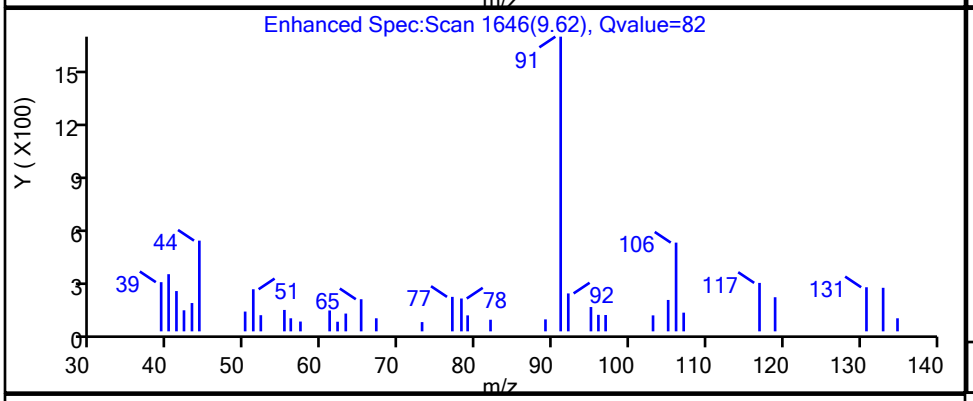
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

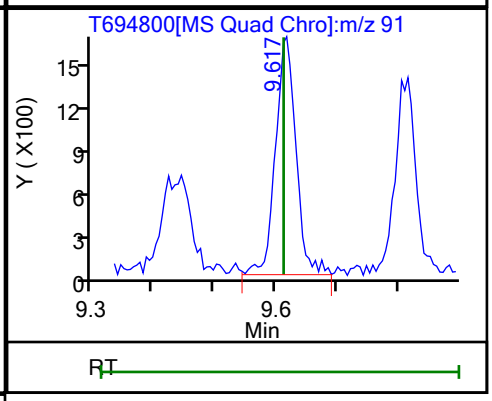
97 Ethylbenzene, CAS: 100-41-4

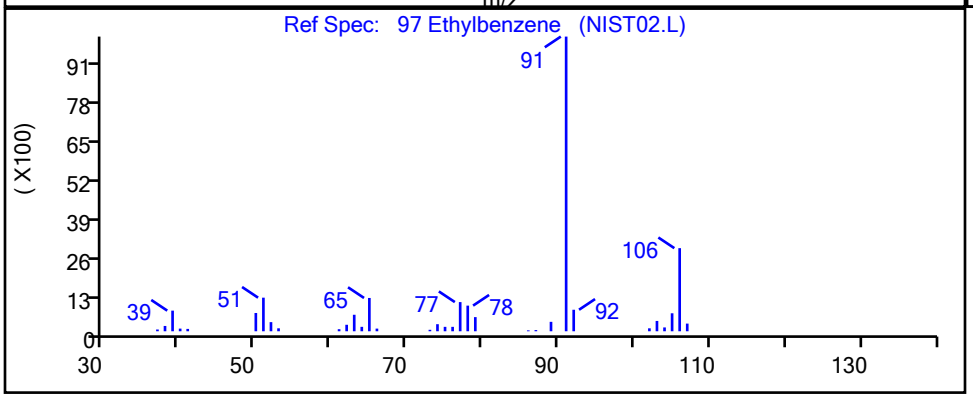
Processing Results











RT	Mass	Response	Amount
9.62	106.00	1220	0.226539
9.62	91.00	3558	

Reviewer: NN6A, 14-Nov-2025 17:00:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

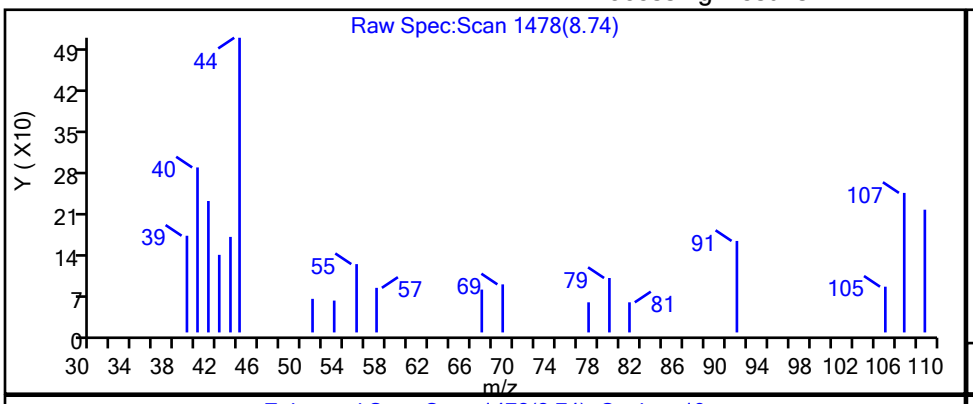
User Disabled Compound Report

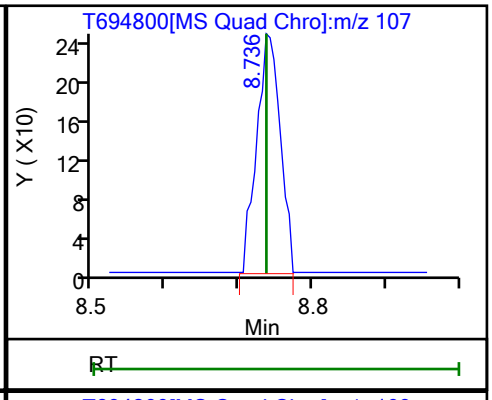
Eurofins Edison

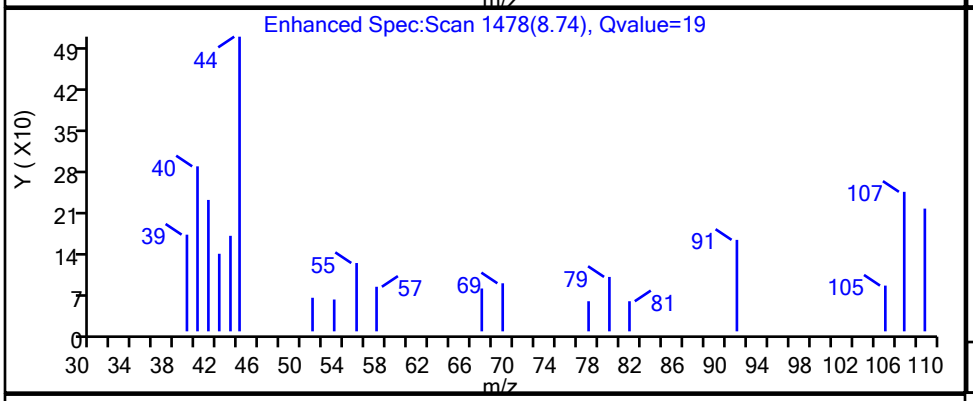
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

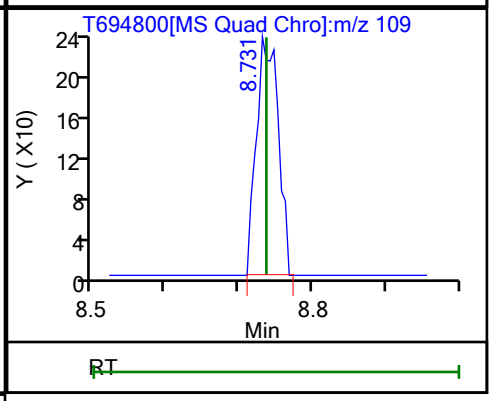
92 Ethylene Dibromide, CAS: 106-93-4

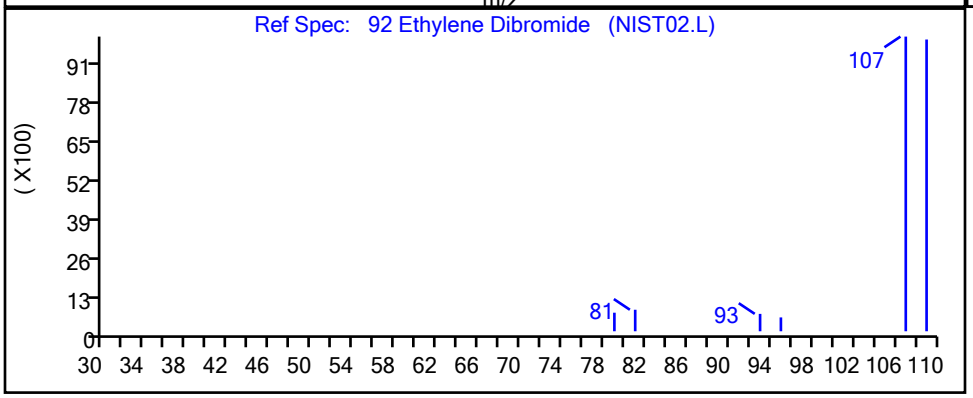
Processing Results











RT	Mass	Response	Amount
8.74	107.00	537	0.187844
8.73	109.00	487	

Reviewer: NN6A, 14-Nov-2025 17:00:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

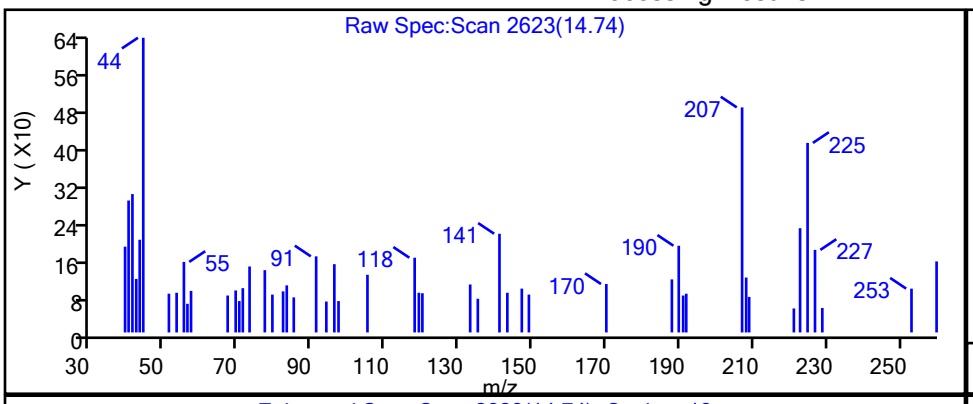
User Disabled Compound Report

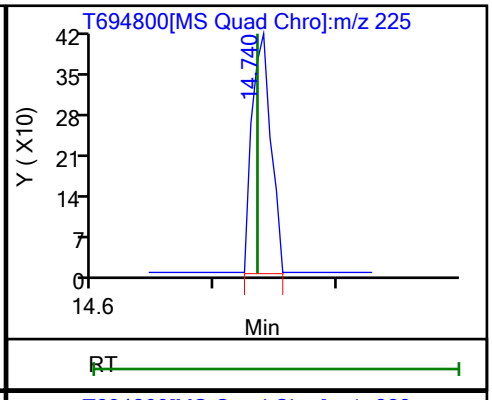
Eurofins Edison

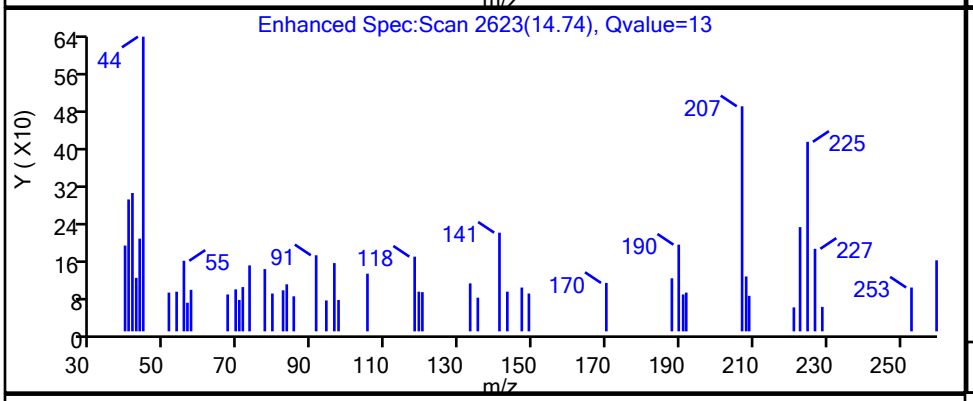
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

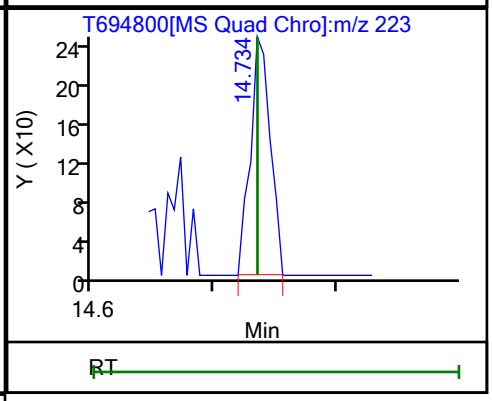
133 Hexachlorobutadiene, CAS: 87-68-3

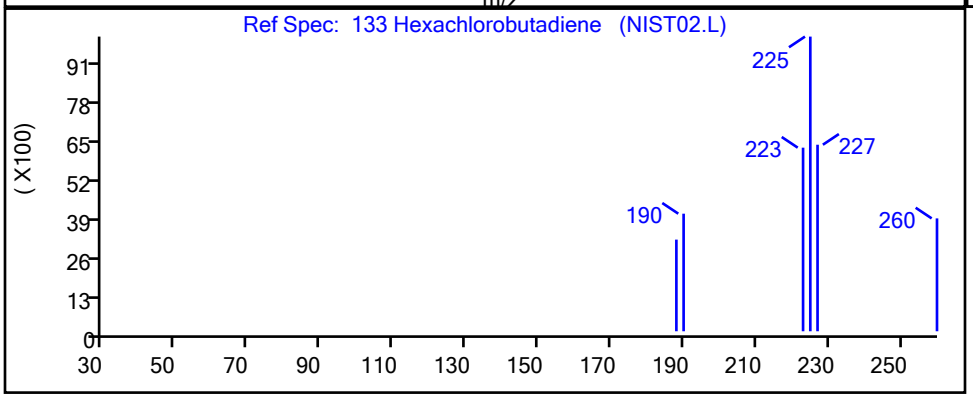
Processing Results











RT	Mass	Response	Amount
14.74	225.00	441	0.203112
14.73	223.00	277	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

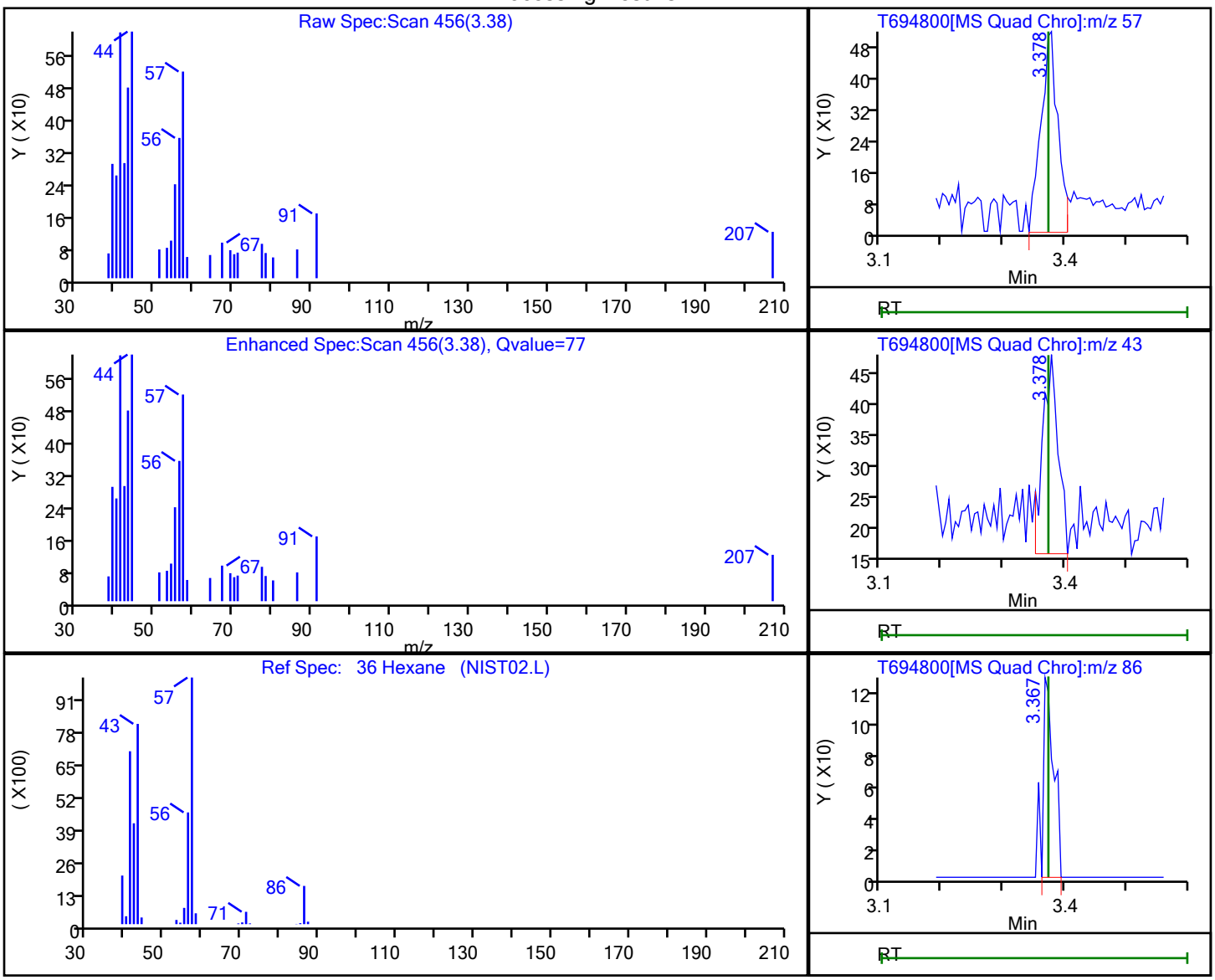
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
3.38	57.00	997	0.222202
3.38	43.00	571	
3.37	86.00	136	
3.38	56.00	546	

Reviewer: NN6A, 14-Nov-2025 16:59:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

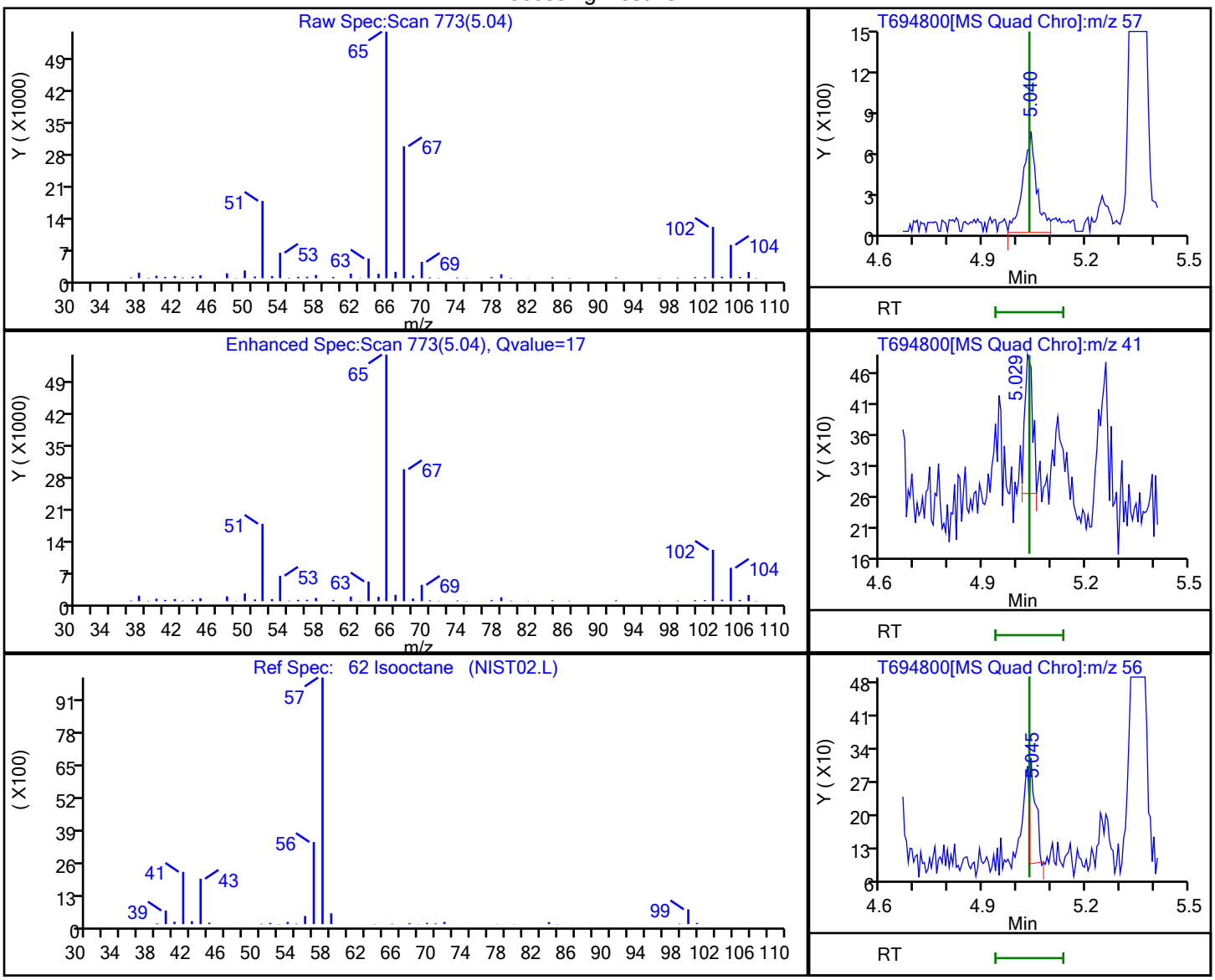
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
5.04	57.00	1975	0.219032
5.03	41.00	350	
5.05	56.00	272	

Reviewer: NN6A, 14-Nov-2025 16:59:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

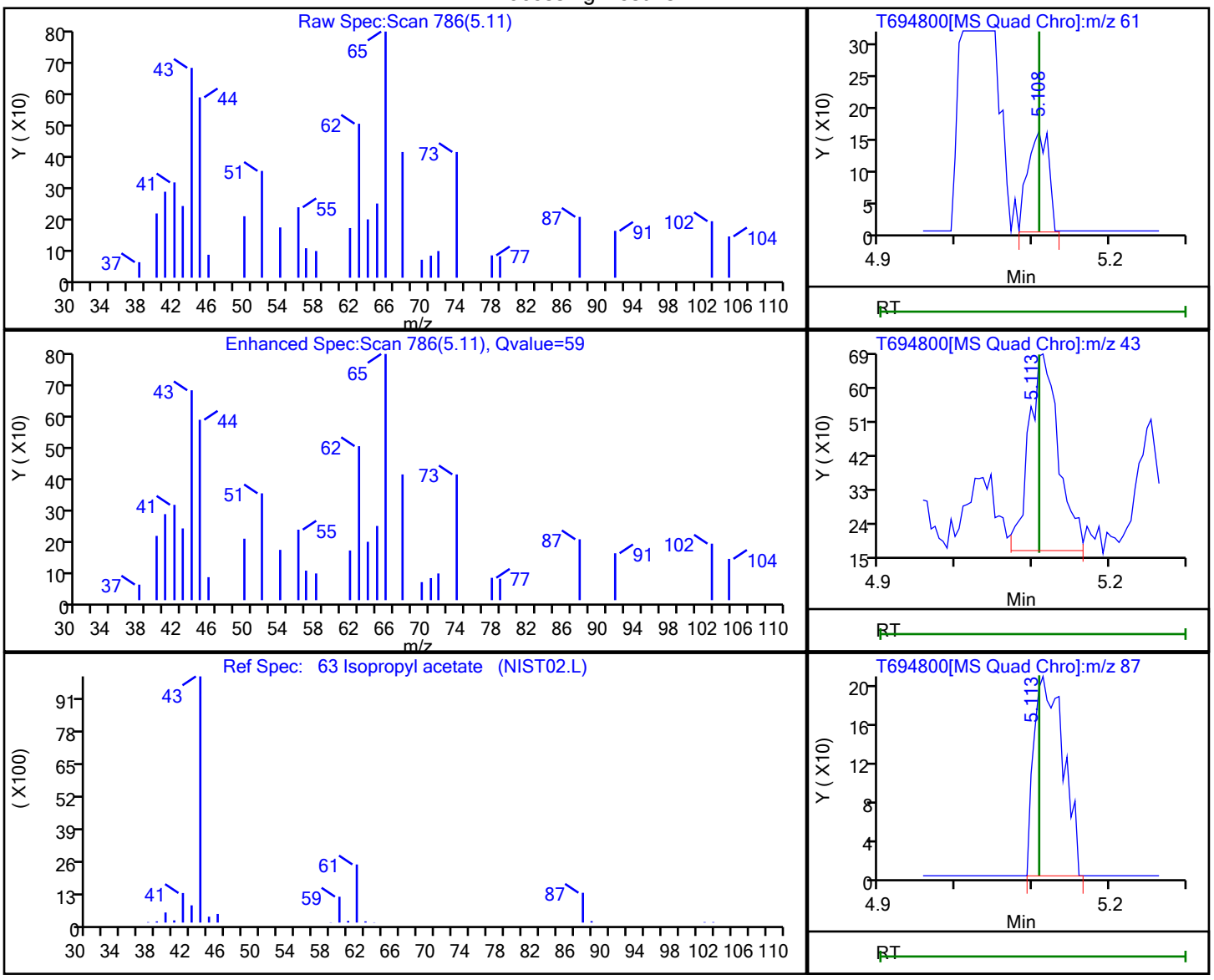
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
5.11	61.00	299	0.205887
5.11	43.00	1413	
5.11	87.00	553	

Reviewer: NN6A, 14-Nov-2025 16:59:40 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

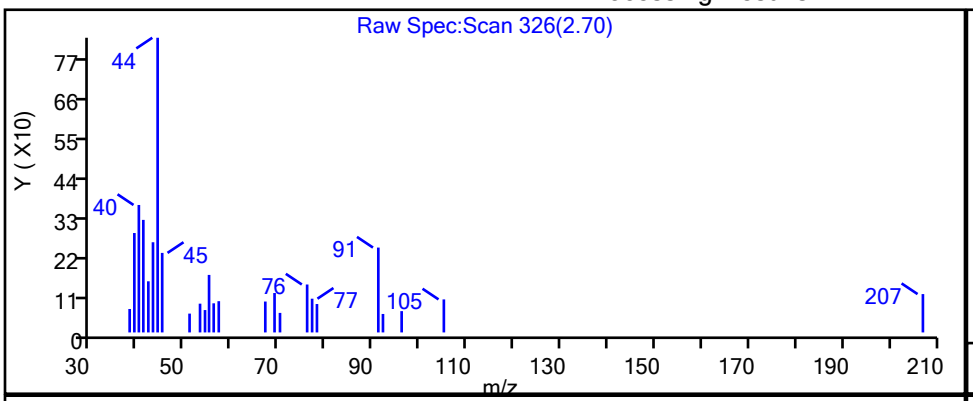
User Disabled Compound Report

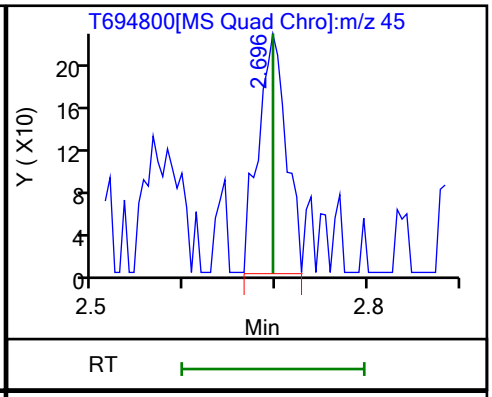
Eurofins Edison

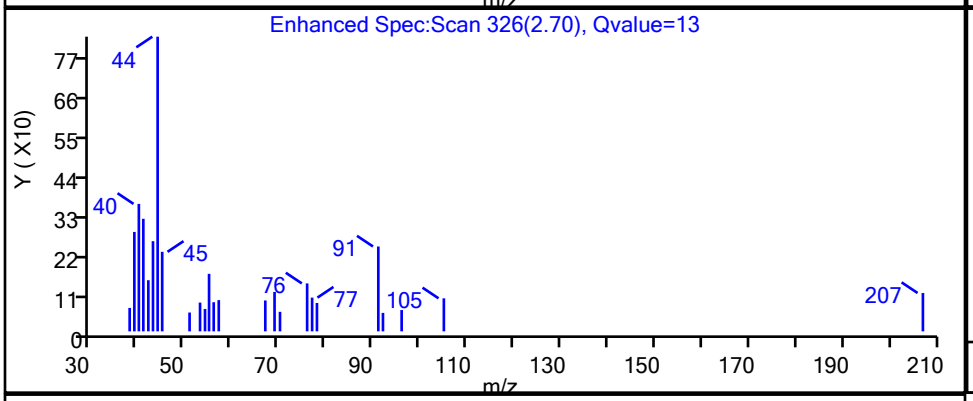
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

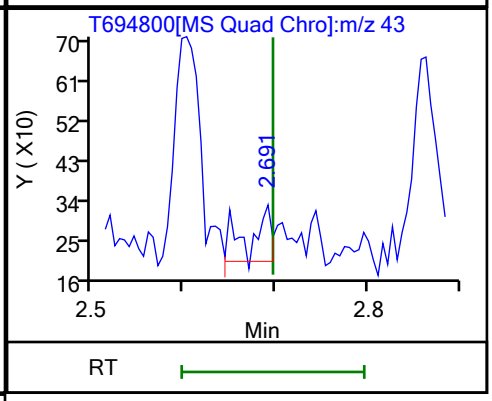
25 Isopropyl alcohol, CAS: 67-63-0

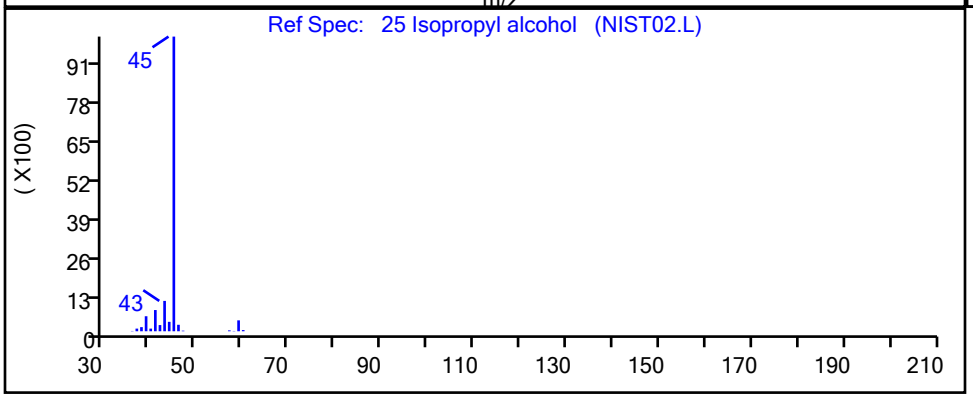
Processing Results











RT	Mass	Response	Amount
2.70	45.00	471	4.136231
2.69	43.00	209	

Reviewer: NN6A, 14-Nov-2025 16:59:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

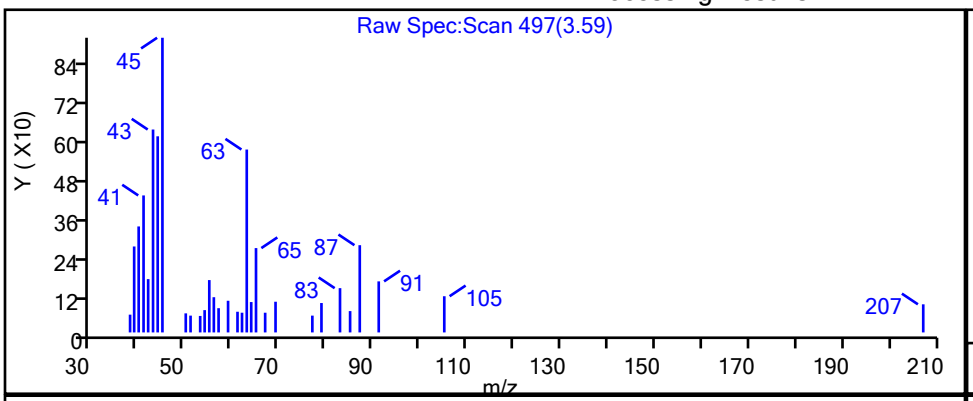
User Disabled Compound Report

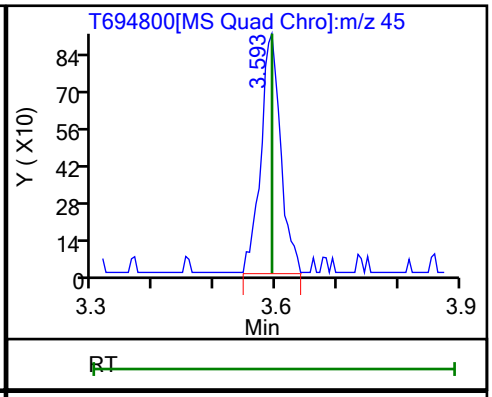
Eurofins Edison

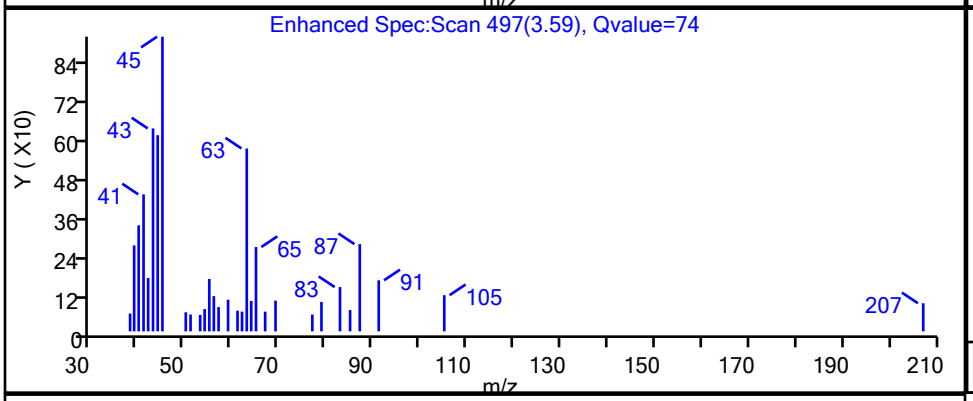
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

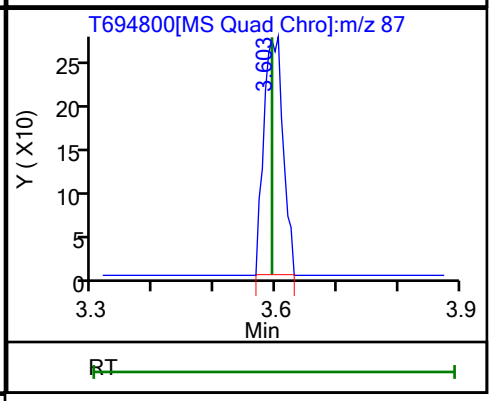
40 Isopropyl ether, CAS: 108-20-3

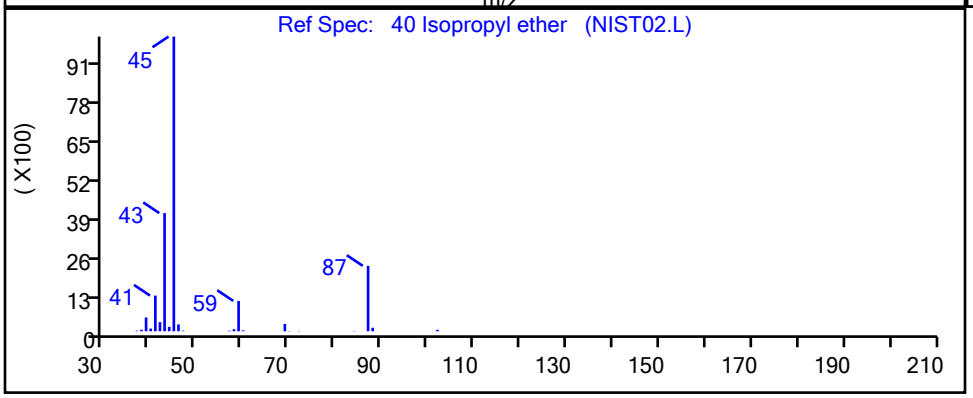
Processing Results











RT	Mass	Response	Amount
3.59	45.00	2044	0.209393
3.60	87.00	600	

Reviewer: NN6A, 14-Nov-2025 16:59:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

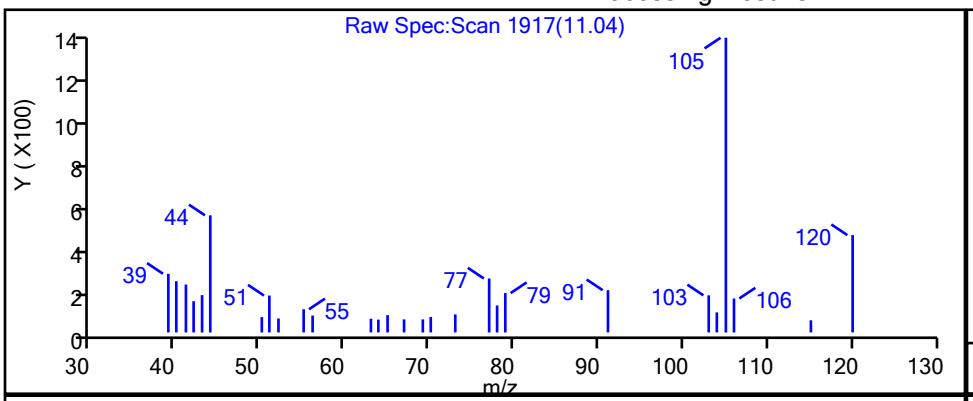
User Disabled Compound Report

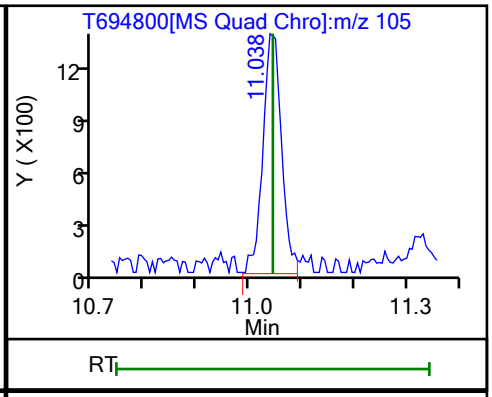
Eurofins Edison

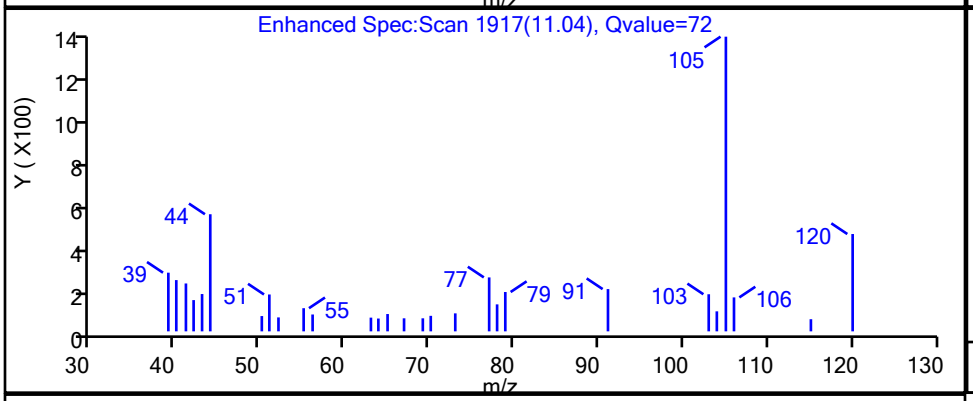
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

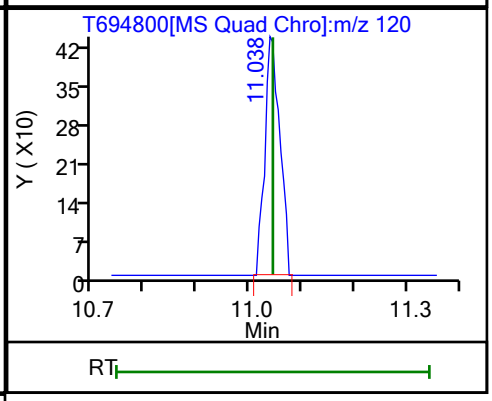
104 Isopropylbenzene, CAS: 98-82-8

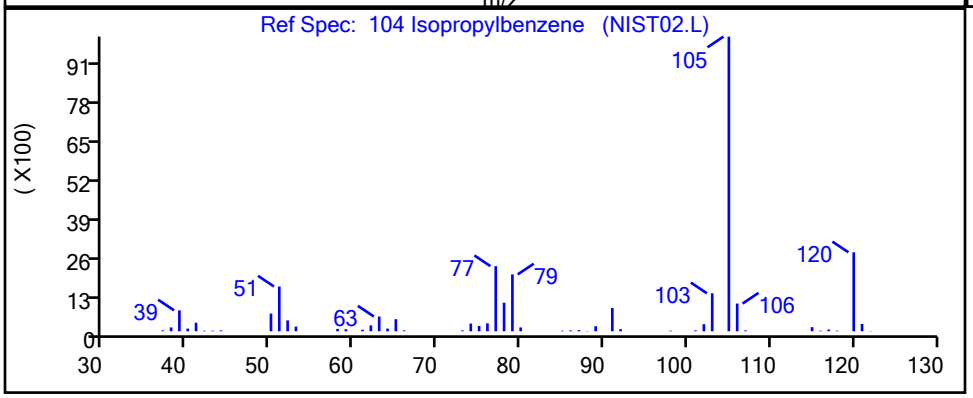
Processing Results











RT	Mass	Response	Amount
11.04	105.00	3244	0.218789
11.04	120.00	866	

Reviewer: NN6A, 14-Nov-2025 17:00:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

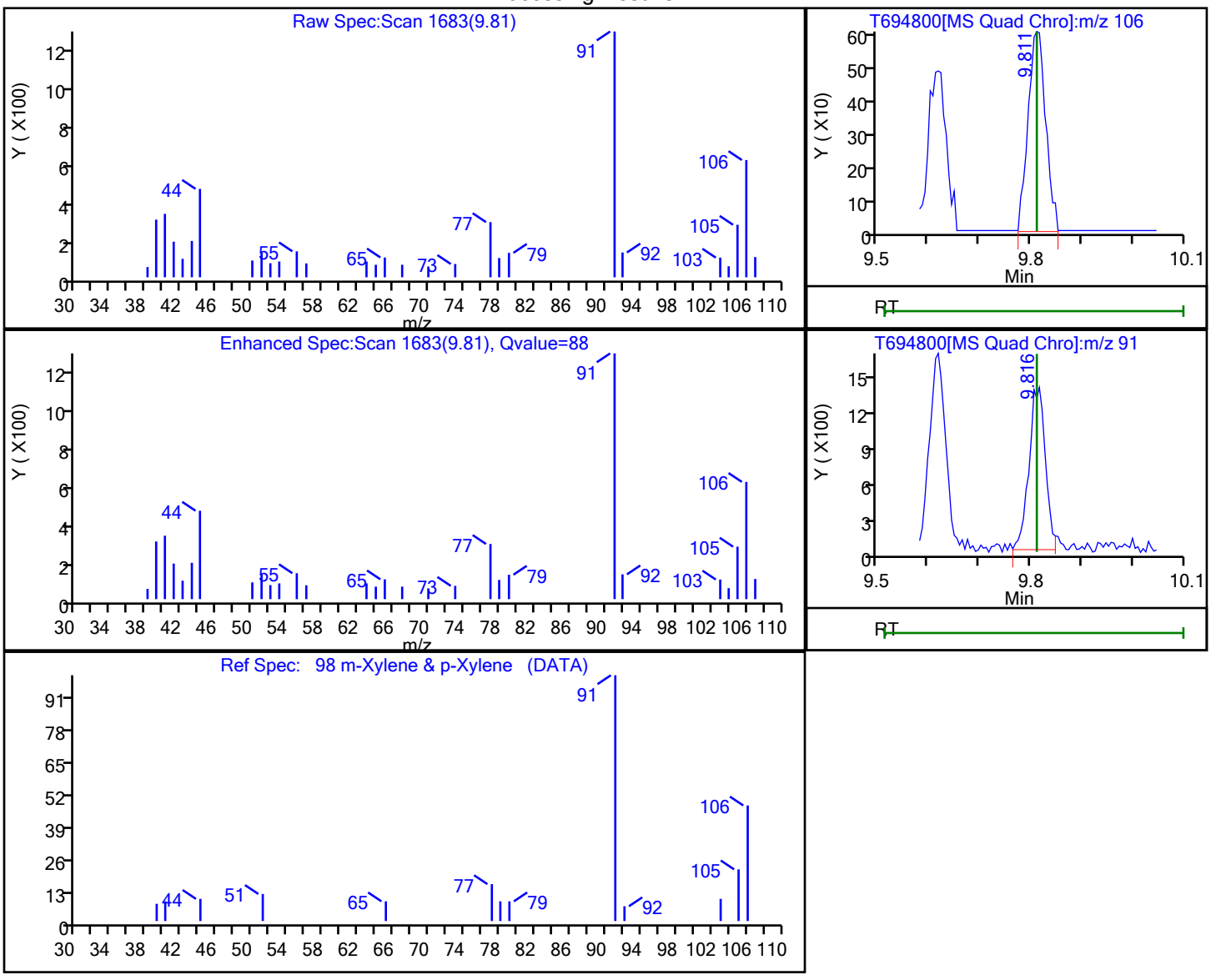
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
9.81	106.00	1463	0.220170
9.82	91.00	2783	

Reviewer: NN6A, 14-Nov-2025 17:00:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

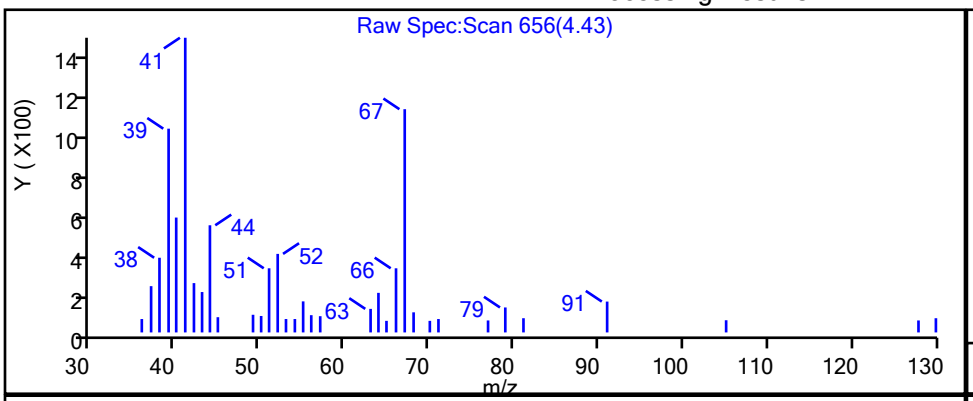
User Disabled Compound Report

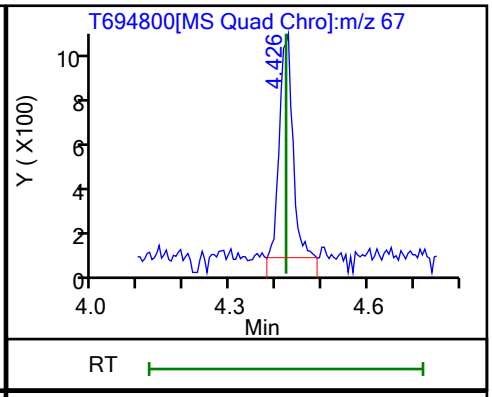
Eurofins Edison

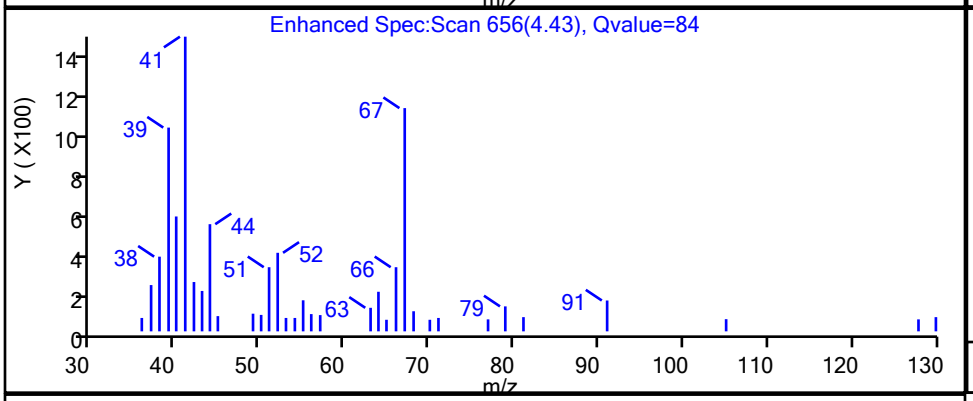
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

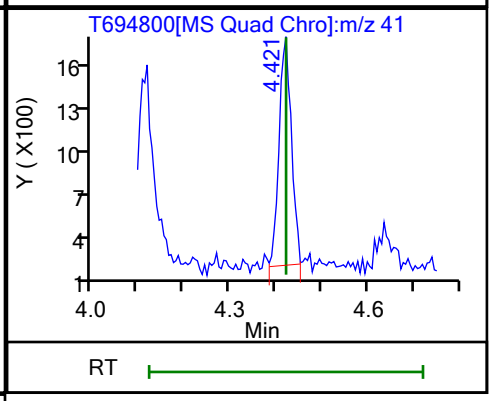
50 Methacrylonitrile, CAS: 126-98-7

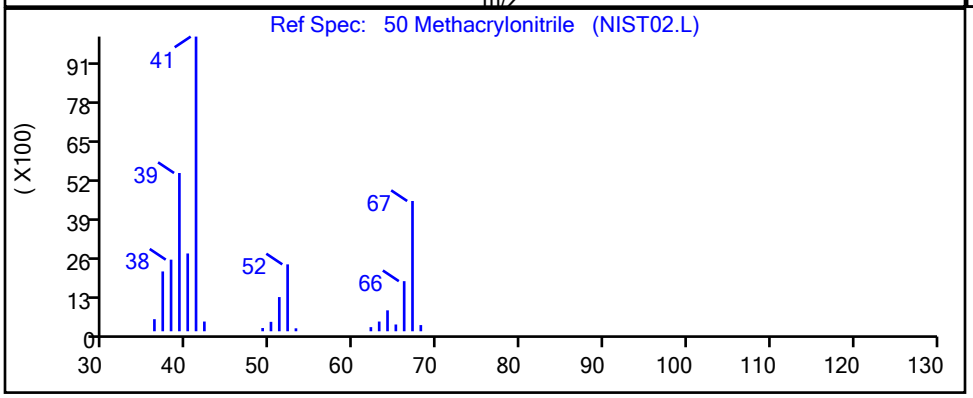
Processing Results











RT	Mass	Response	Amount
4.43	67.00	2113	2.051438
4.42	41.00	2846	

Reviewer: NN6A, 14-Nov-2025 16:59:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

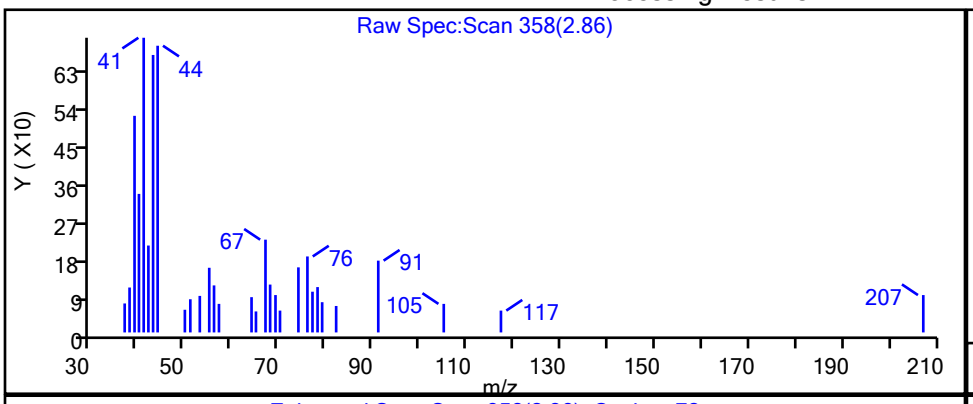
User Disabled Compound Report

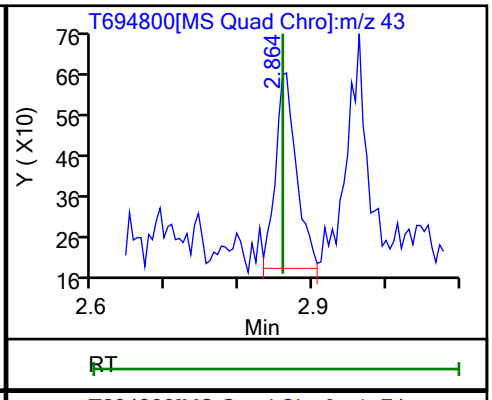
Eurofins Edison

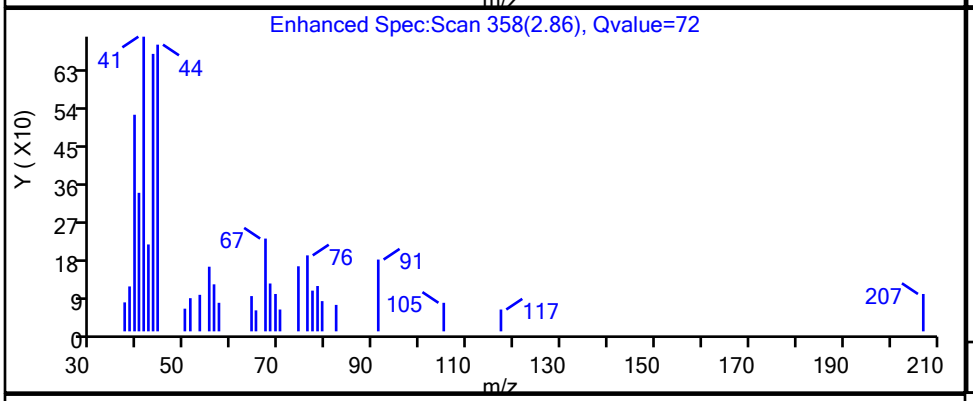
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

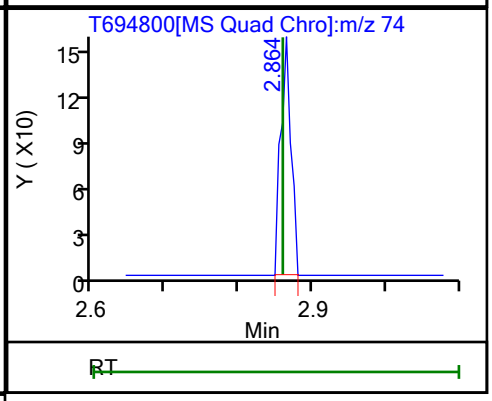
28 Methyl acetate, CAS: 79-20-9

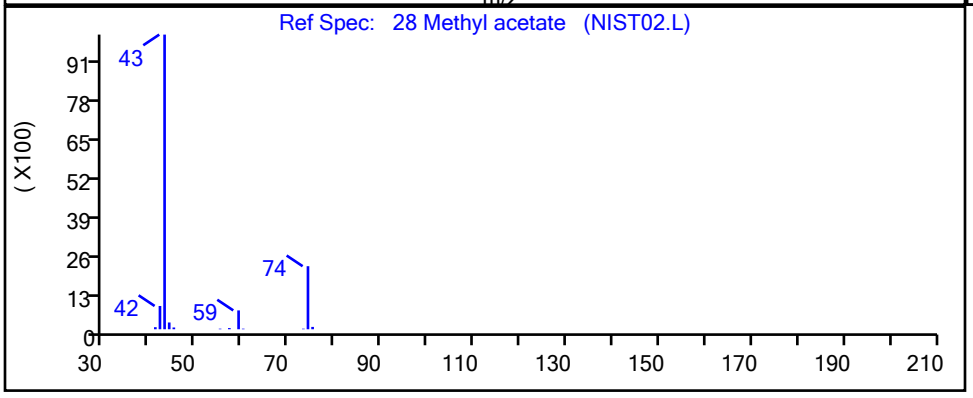
Processing Results











RT	Mass	Response	Amount
2.86	43.00	951	0.513684
2.86	74.00	152	

Reviewer: NN6A, 14-Nov-2025 16:59:31 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

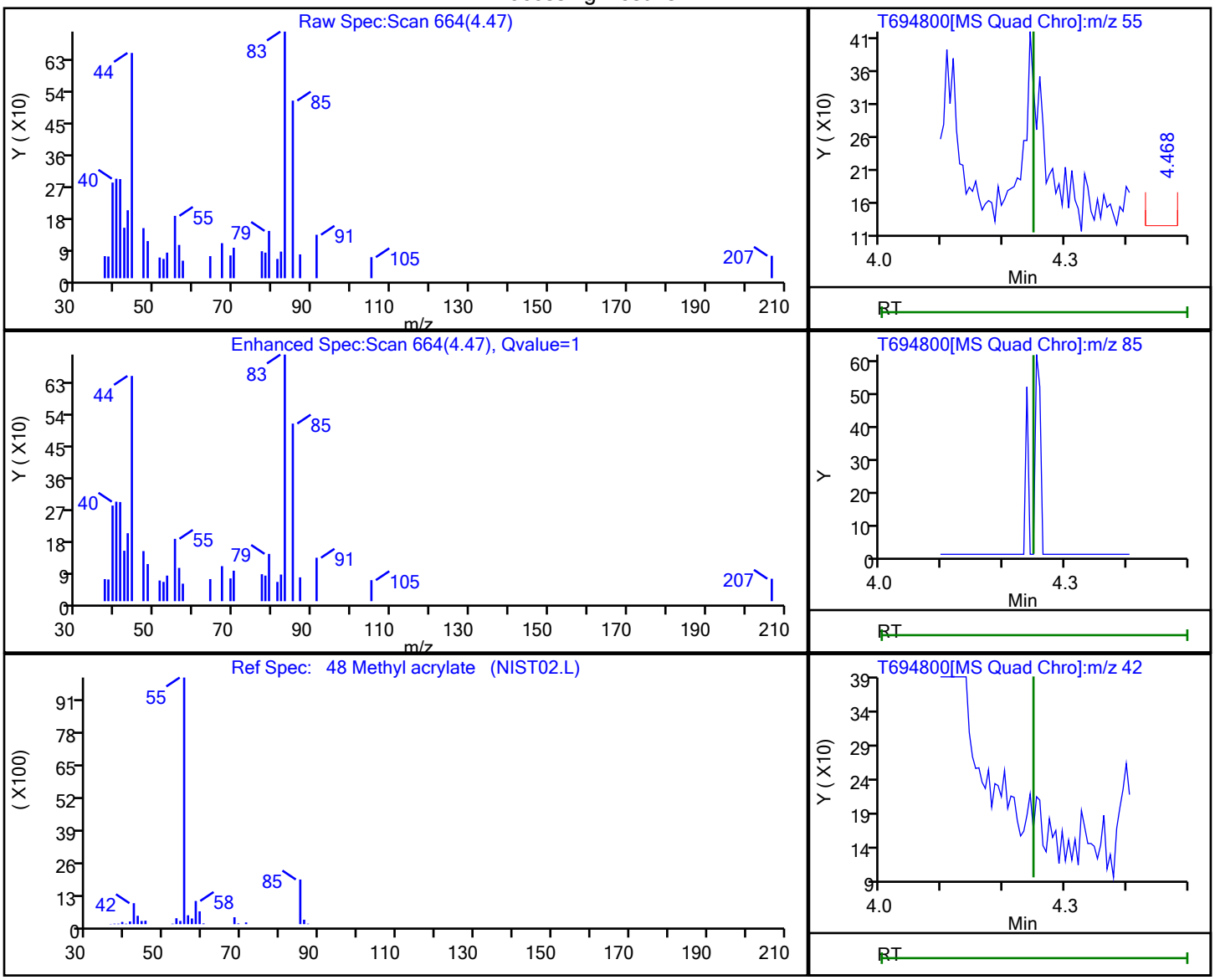
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
4.47	55.00	88	0.042449
4.47	85.00	919	
4.45	42.00	230	

Reviewer: NN6A, 14-Nov-2025 16:59:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

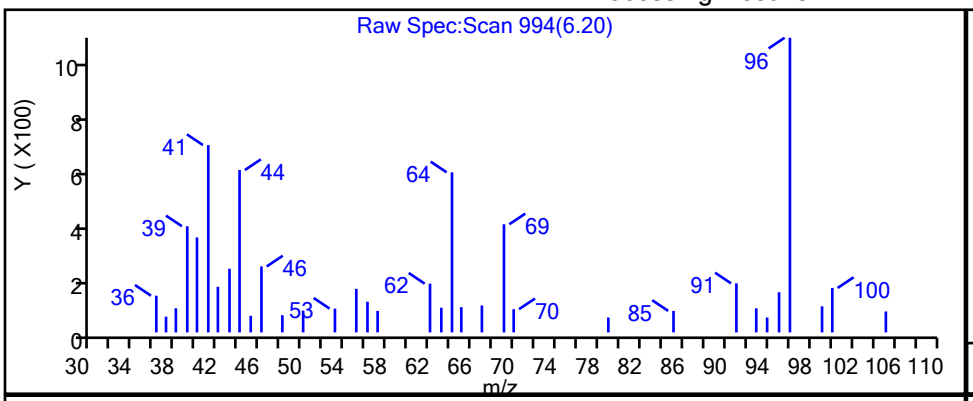
User Disabled Compound Report

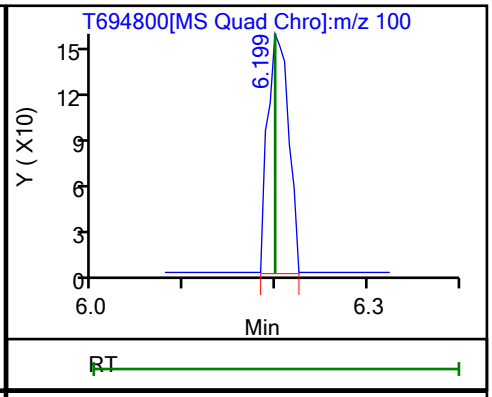
Eurofins Edison

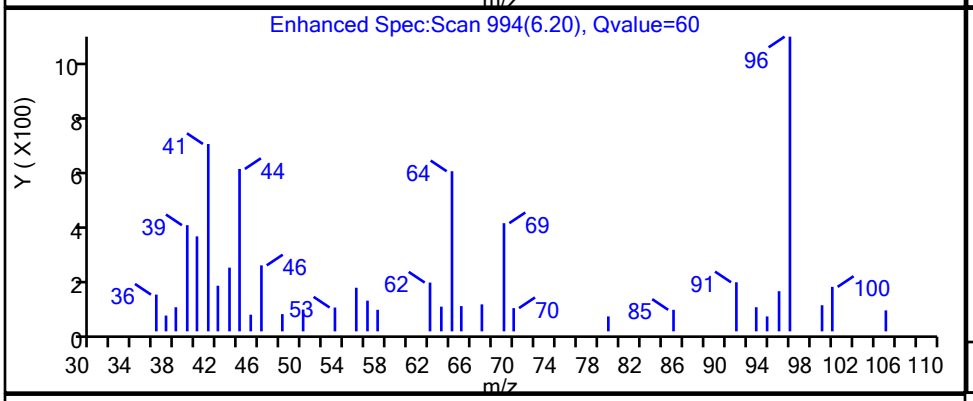
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

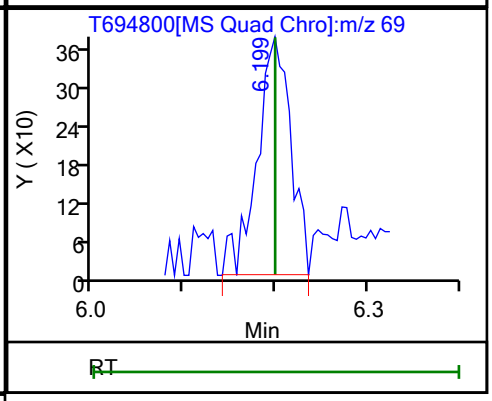
75 Methyl methacrylate, CAS: 80-62-6

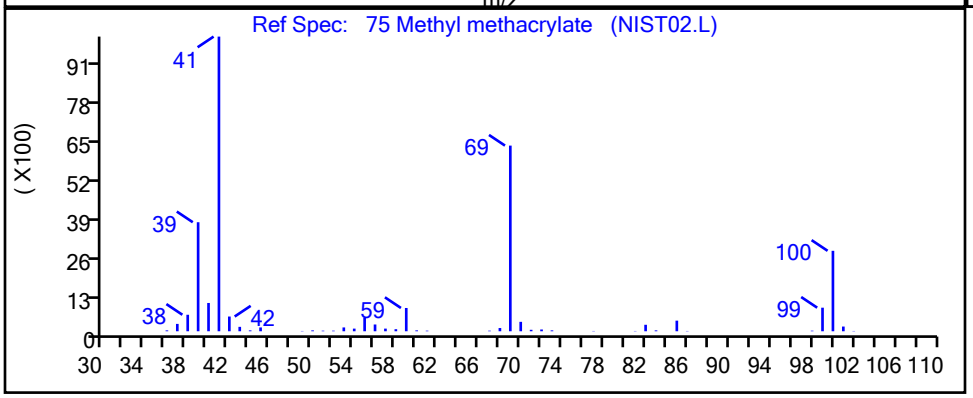
Processing Results











RT	Mass	Response	Amount
6.20	100.00	245	0.350300
6.20	69.00	969	

Reviewer: NN6A, 14-Nov-2025 17:00:02 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

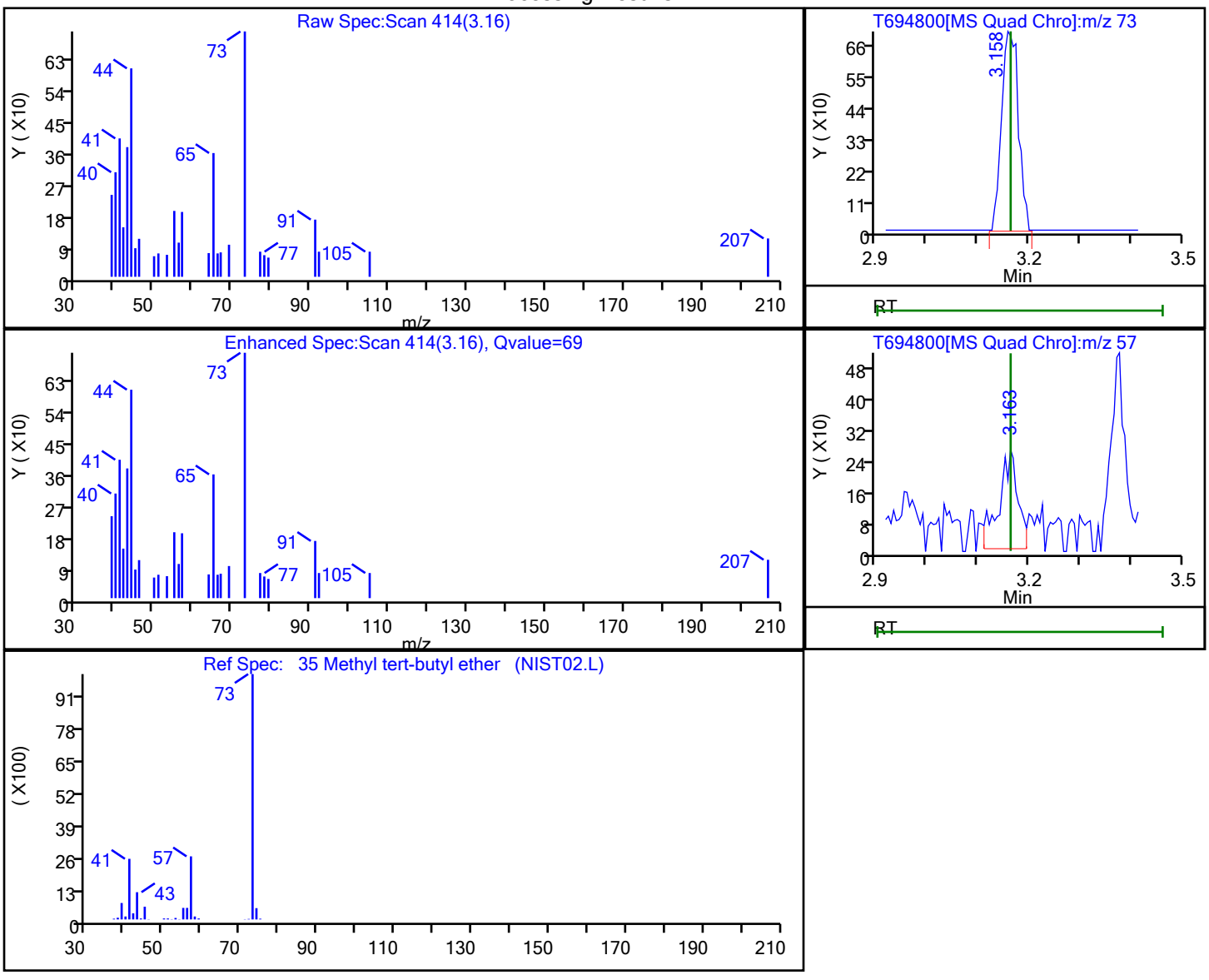
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

35 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
3.16	73.00	1618	0.184128
3.16	57.00	668	

Reviewer: NN6A, 14-Nov-2025 16:59:31 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

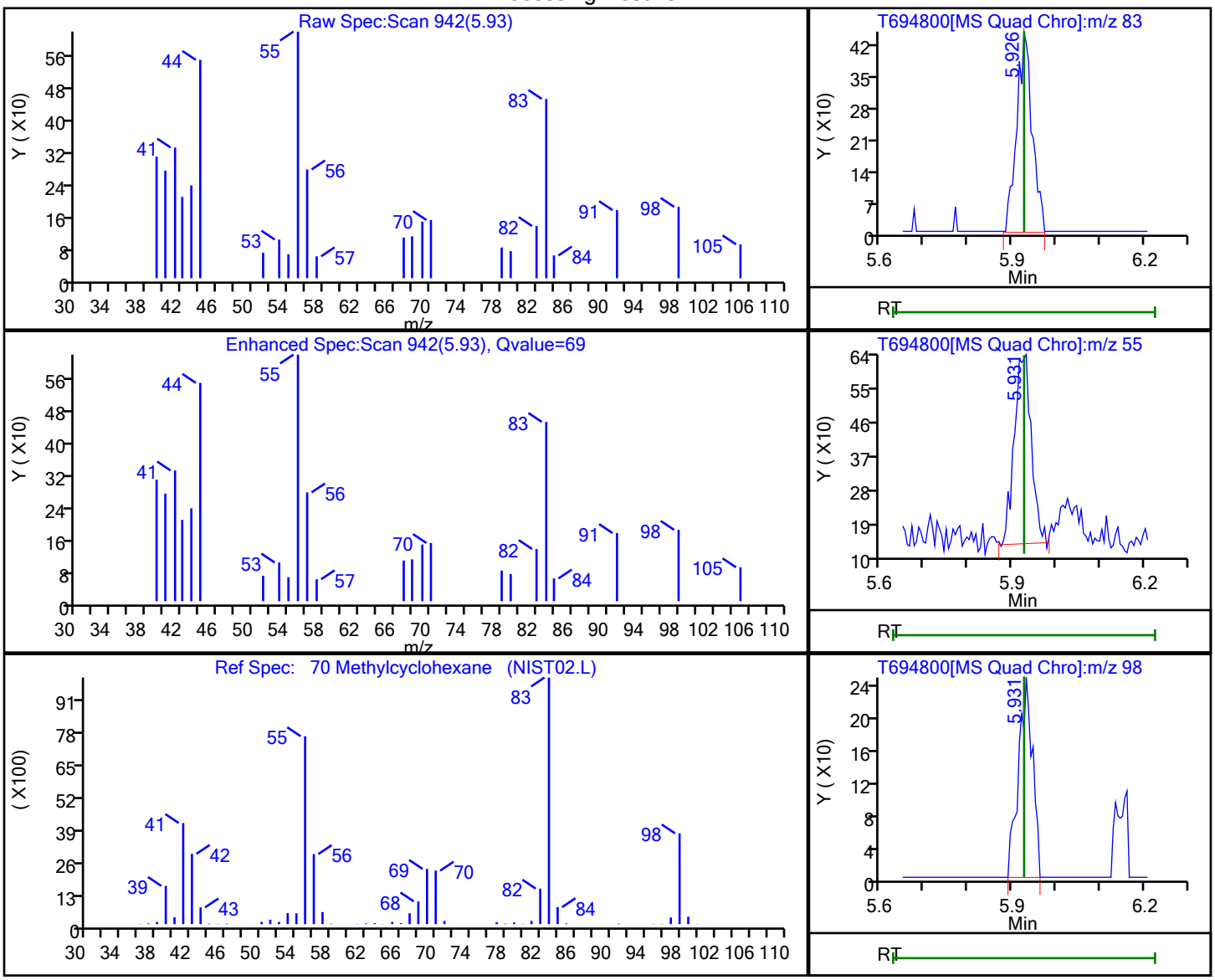
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.93	83.00	1099	0.228189
5.93	55.00	1352	
5.93	98.00	543	

Reviewer: NN6A, 14-Nov-2025 16:59:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

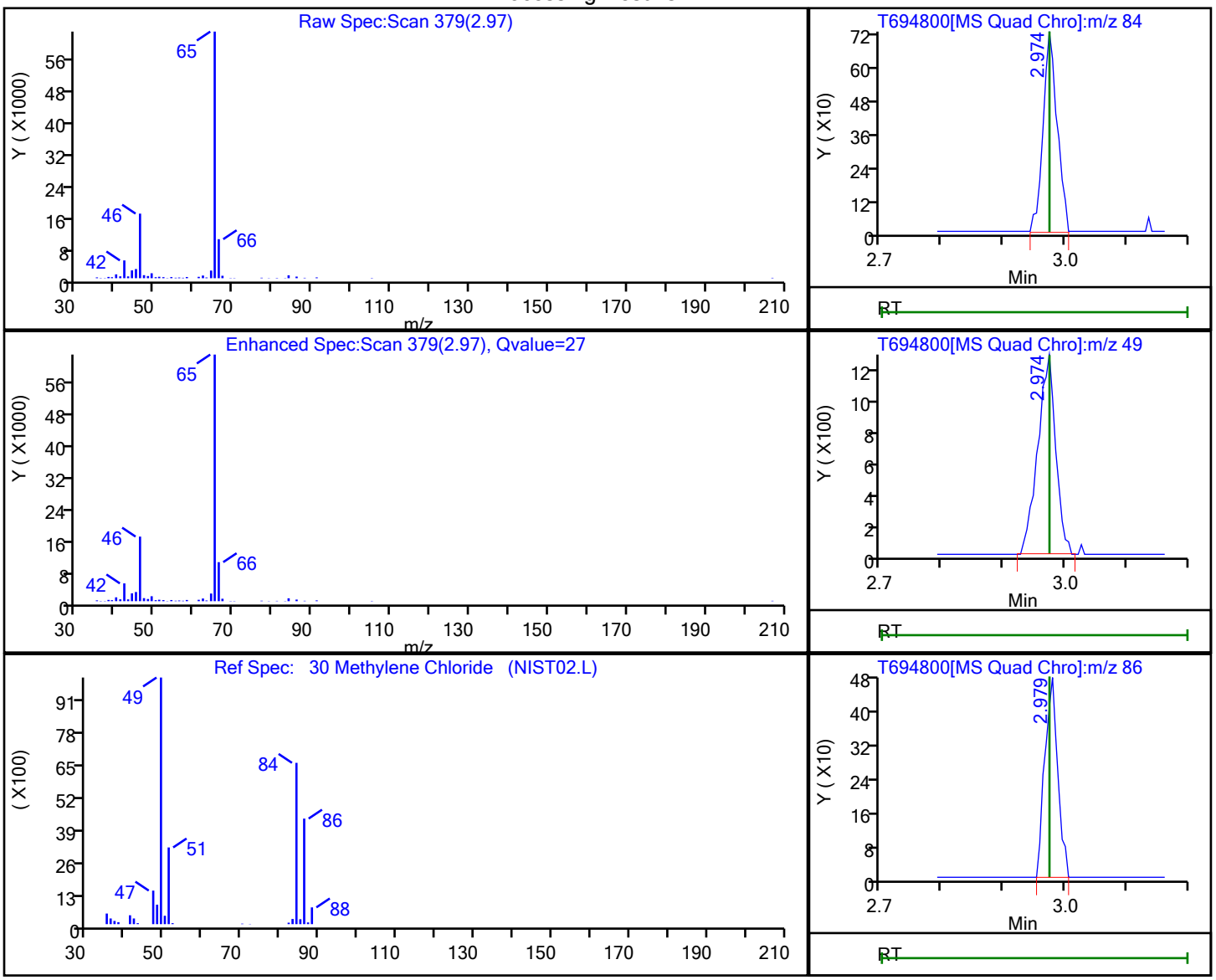
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.97	84.00	1153	0.205612
2.97	49.00	2540	
2.98	86.00	699	

Reviewer: NN6A, 14-Nov-2025 16:59:31 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

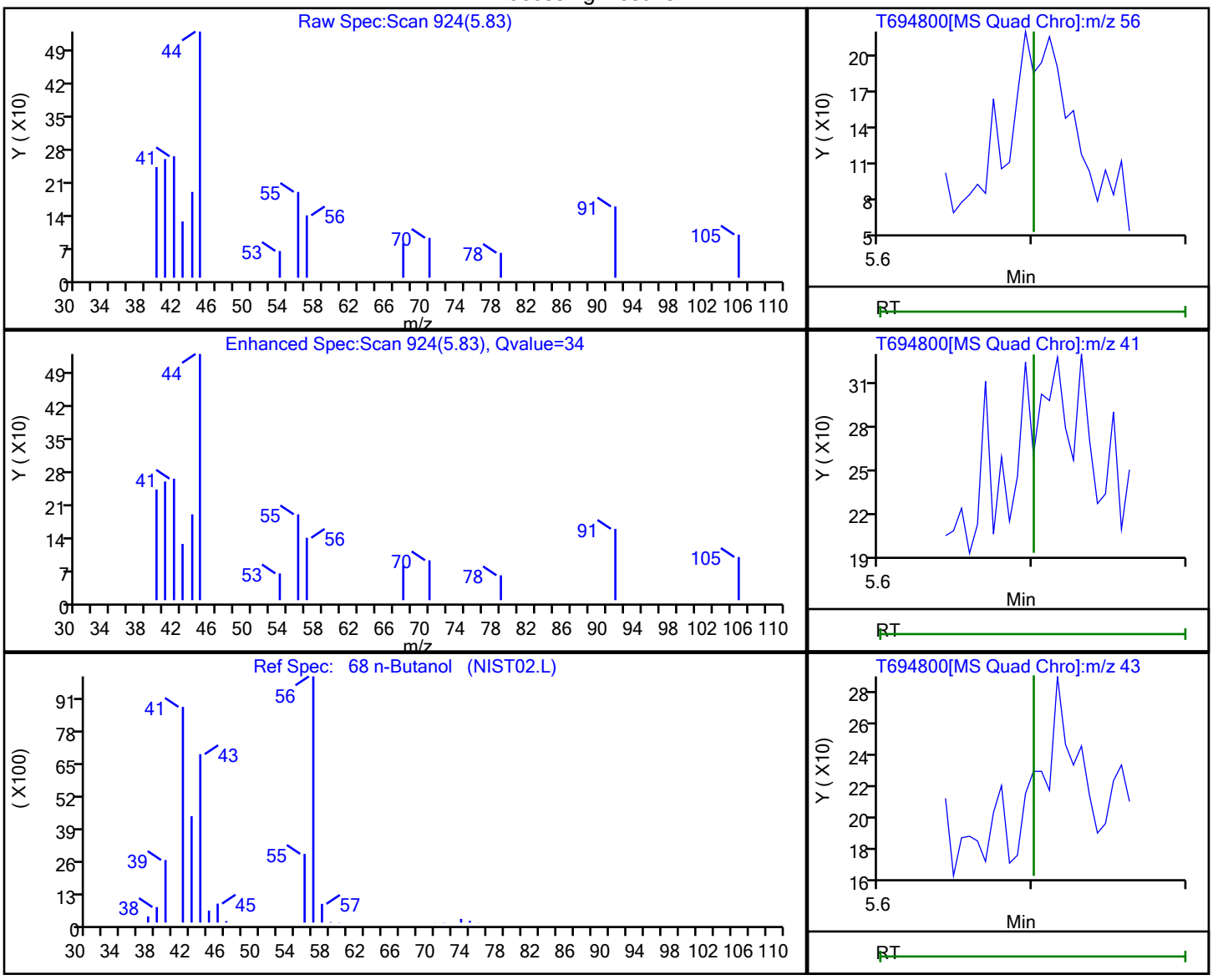
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
5.83	56.00	16	0.333154
5.82	41.00	84	
5.82	43.00	103	

Reviewer: NN6A, 14-Nov-2025 16:59:49 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

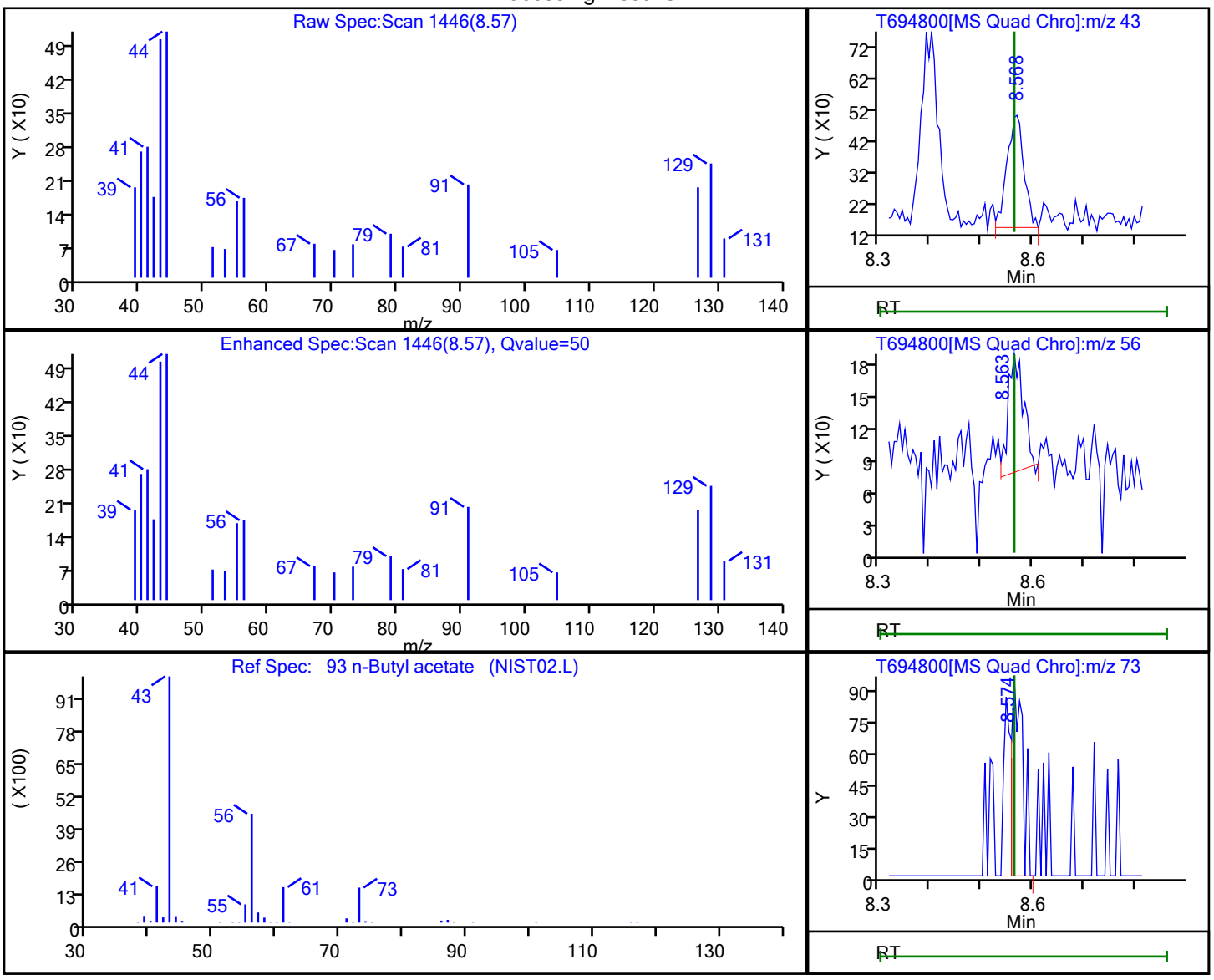
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

93 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
8.57	43.00	845	0.228686
8.56	56.00	228	
8.57	73.00	144	

Reviewer: NN6A, 14-Nov-2025 17:00:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

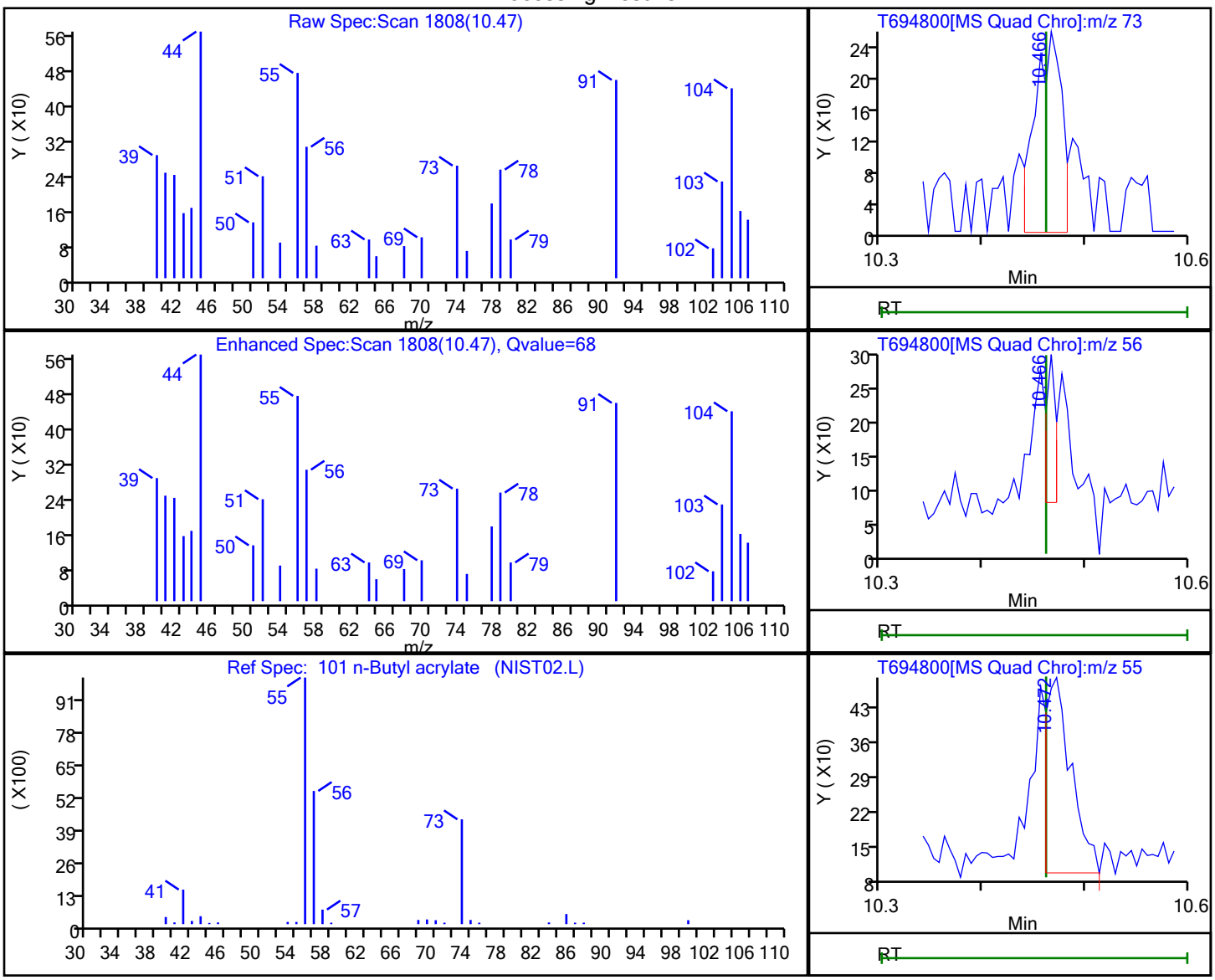
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
10.47	73.00	475	0.233648
10.47	56.00	149	
10.47	55.00	686	

Reviewer: NN6A, 14-Nov-2025 17:00:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

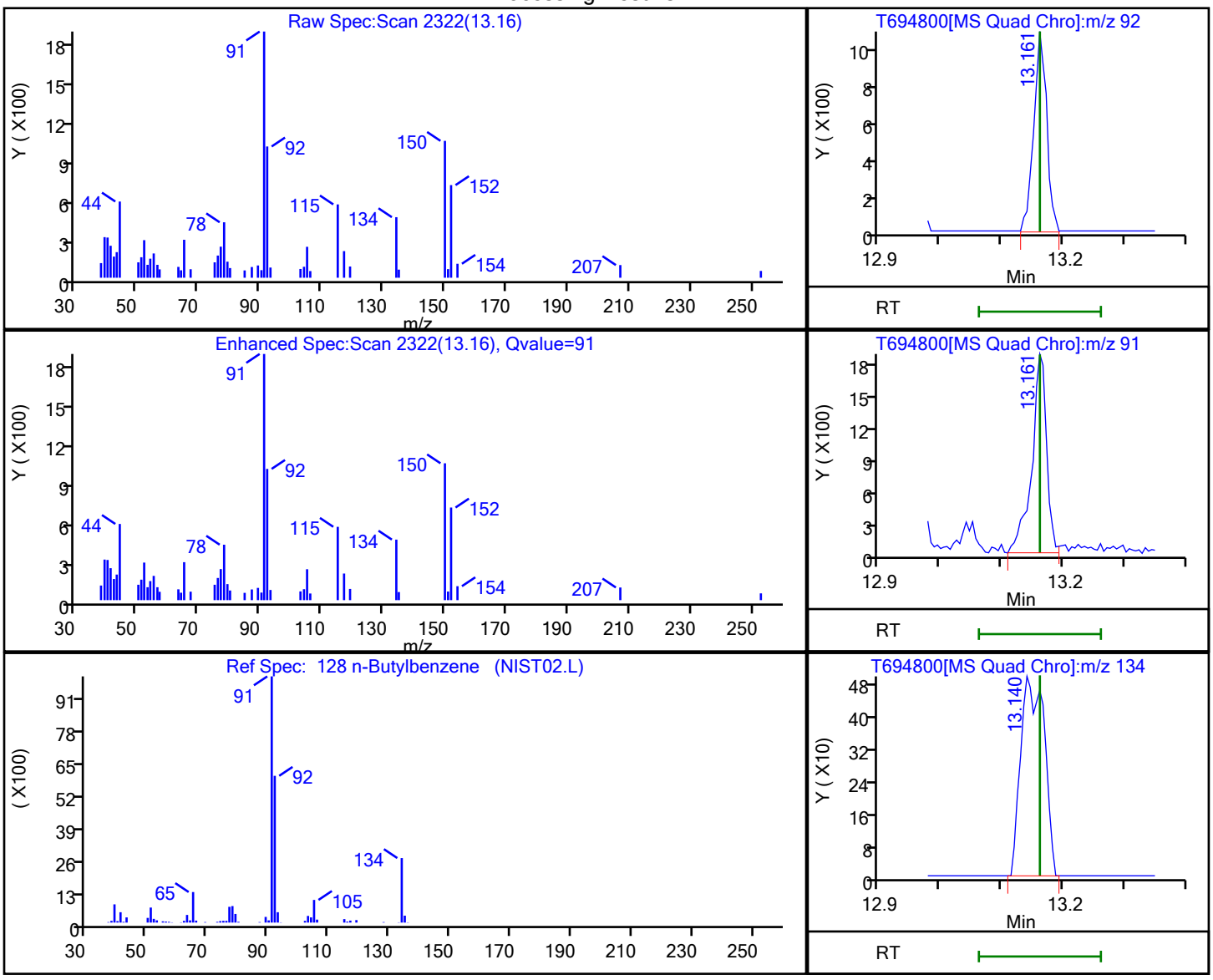
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
13.16	92.00	1475	0.235094
13.16	91.00	3018	
13.14	134.00	1337	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

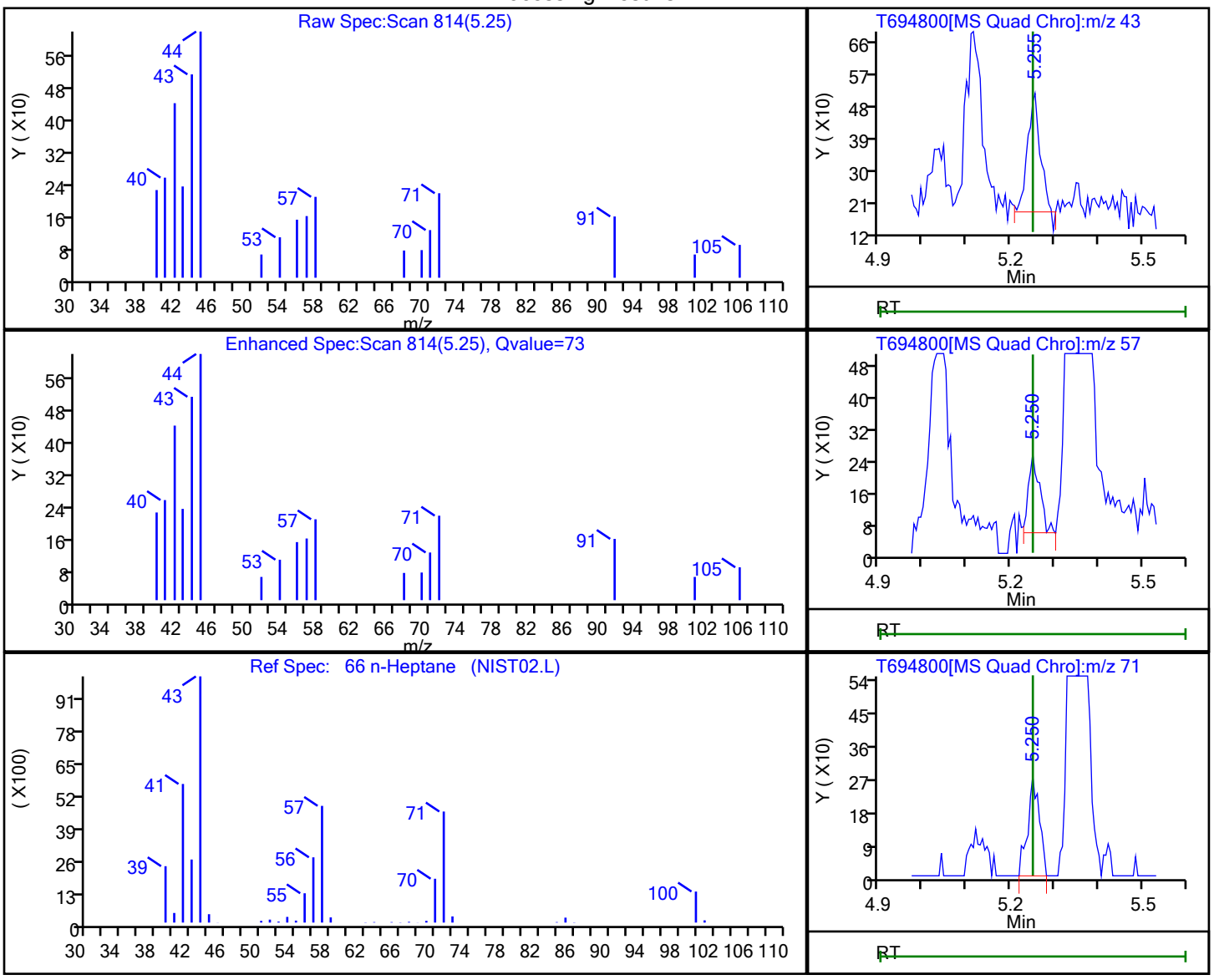
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.25	43.00	657	1.692561
5.25	57.00	361	
5.25	71.00	506	

Reviewer: NN6A, 14-Nov-2025 16:59:47 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

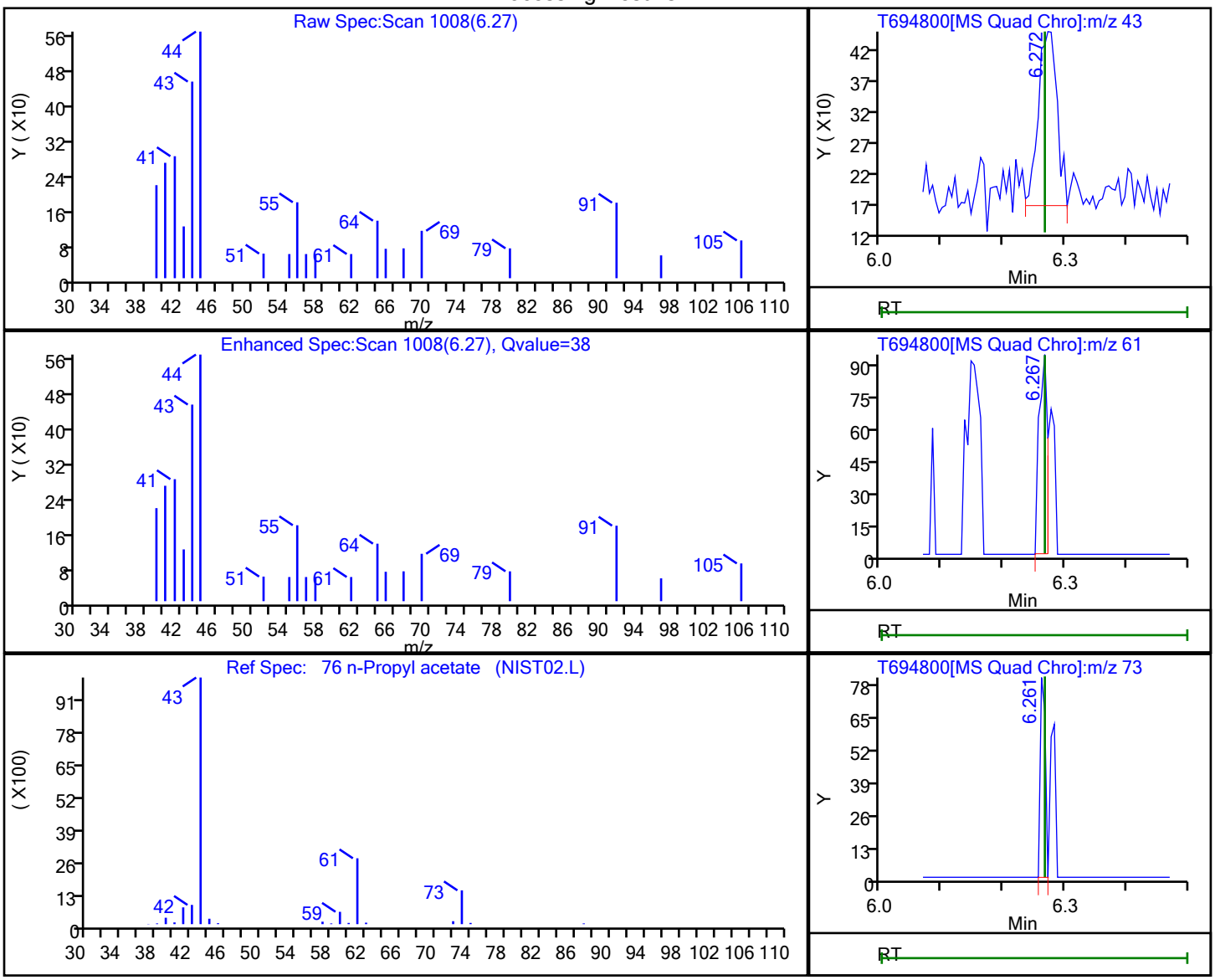
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

76 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
6.27	43.00	608	0.186373
6.27	61.00	91	
6.26	73.00	47	

Reviewer: NN6A, 14-Nov-2025 17:00:10 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

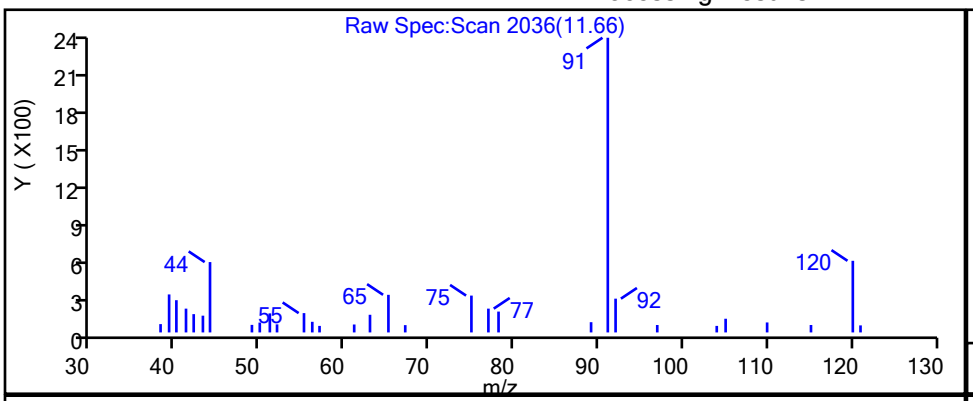
User Disabled Compound Report

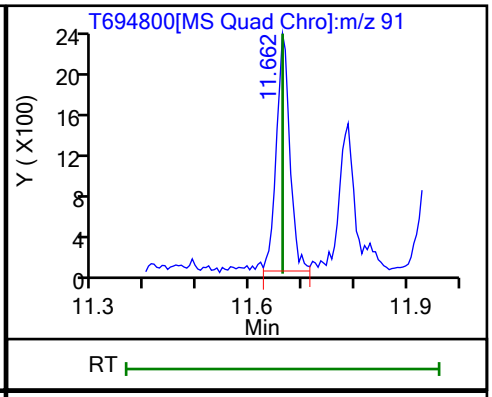
Eurofins Edison

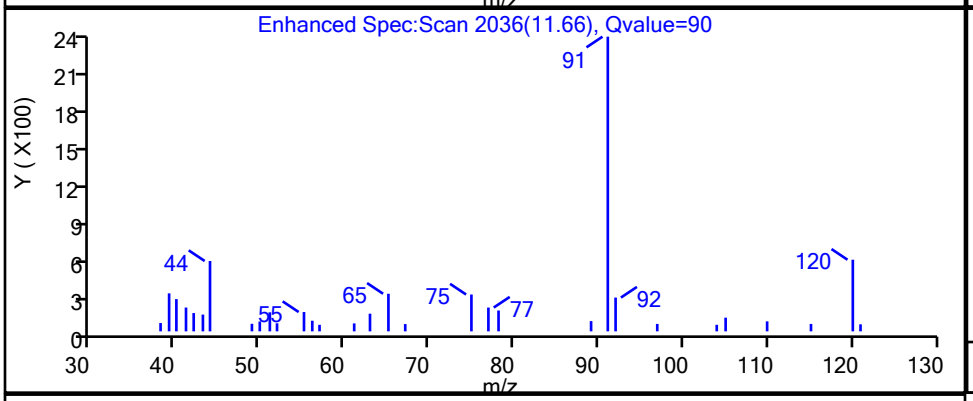
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

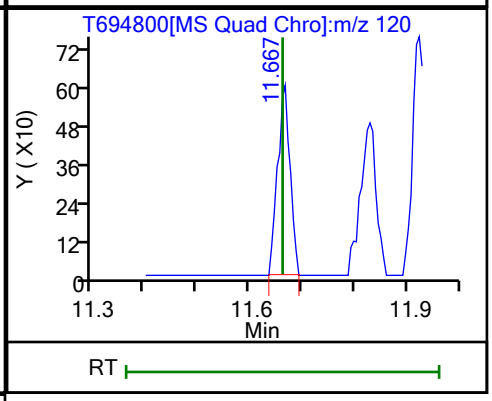
110 N-Propylbenzene, CAS: 103-65-1

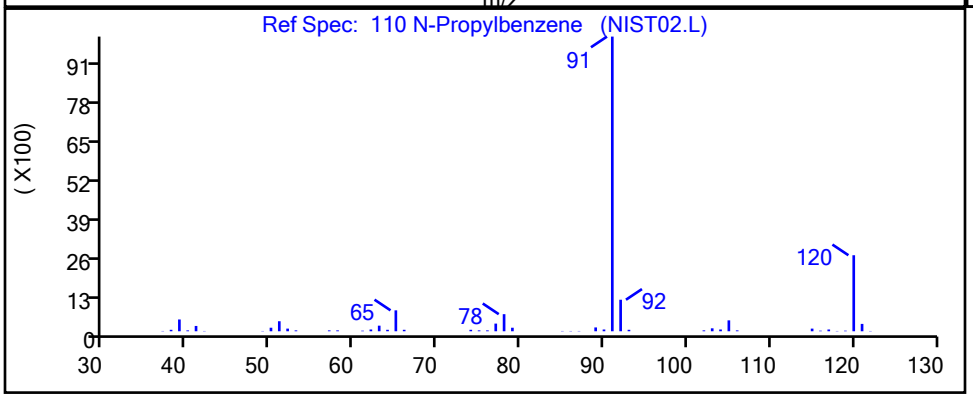
Processing Results











RT	Mass	Response	Amount
11.66	91.00	3906	0.213065
11.67	120.00	1000	

Reviewer: NN6A, 14-Nov-2025 17:00:54 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

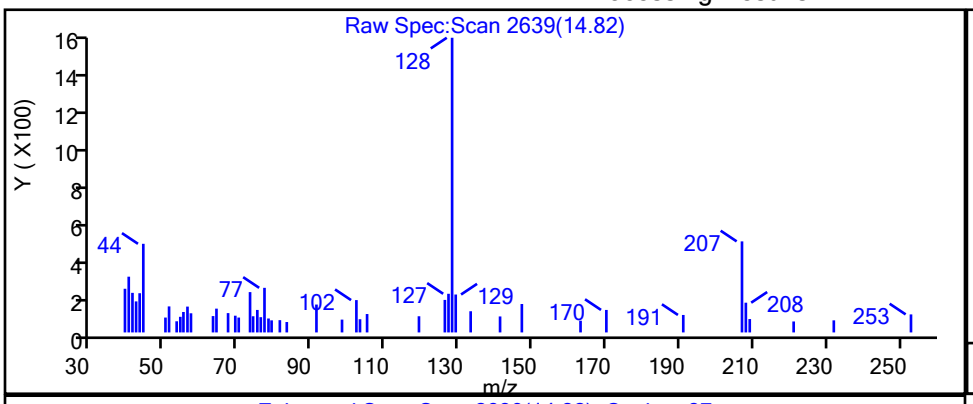
User Disabled Compound Report

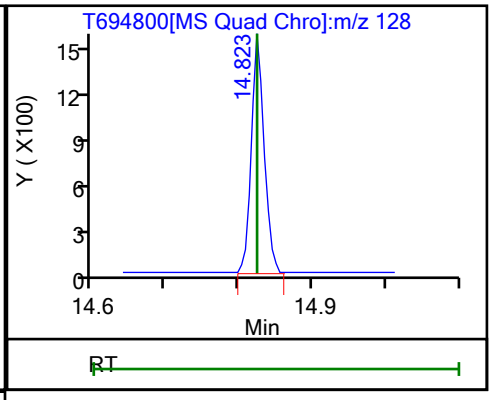
Eurofins Edison

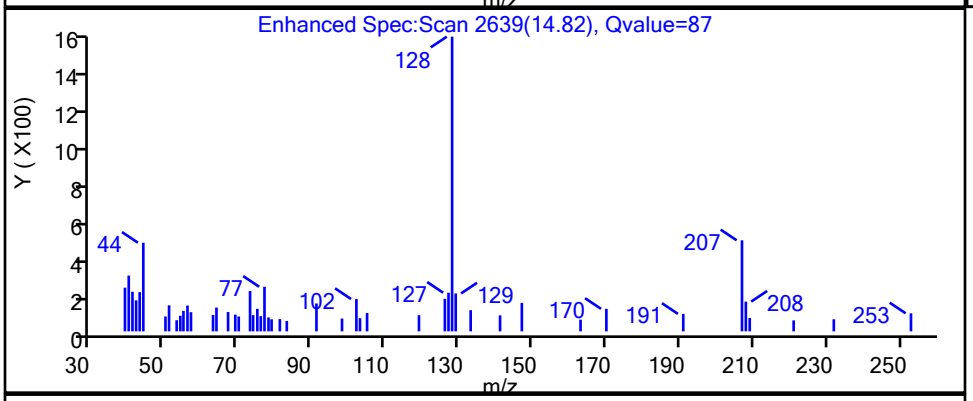
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

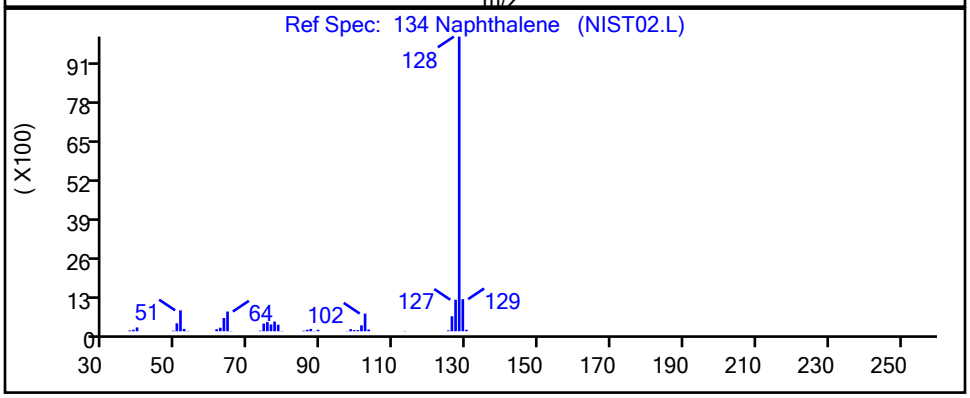
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
14.82	128.00	1917	0.282555

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

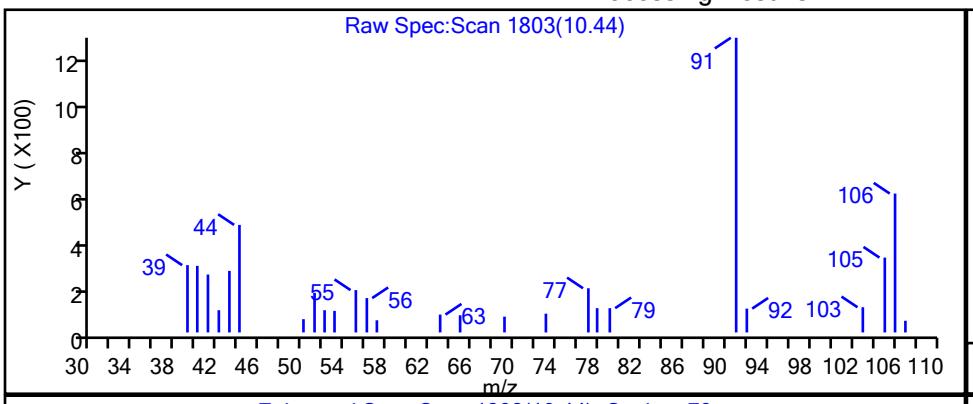
User Disabled Compound Report

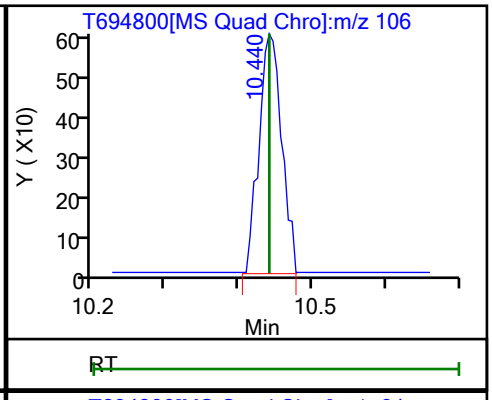
Eurofins Edison

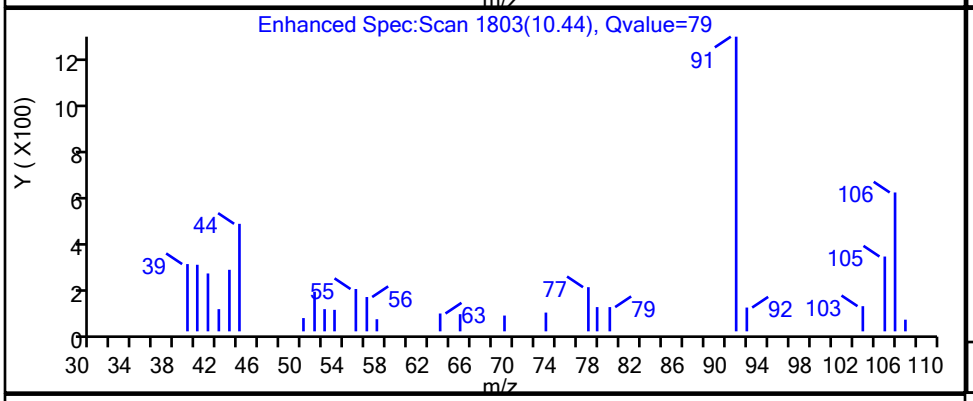
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

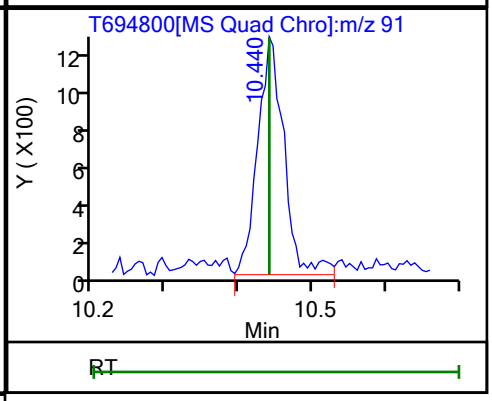
99 o-Xylene, CAS: 95-47-6

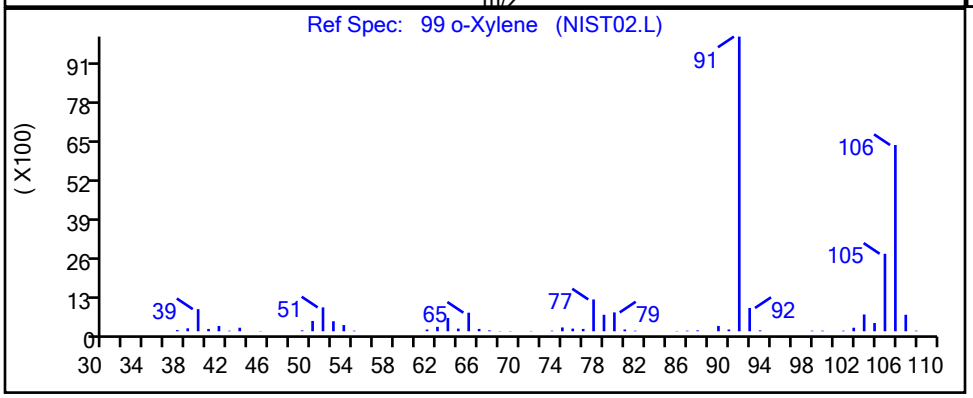
Processing Results











RT	Mass	Response	Amount
10.44	106.00	1303	0.207499
10.44	91.00	2952	

Reviewer: NN6A, 14-Nov-2025 17:00:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

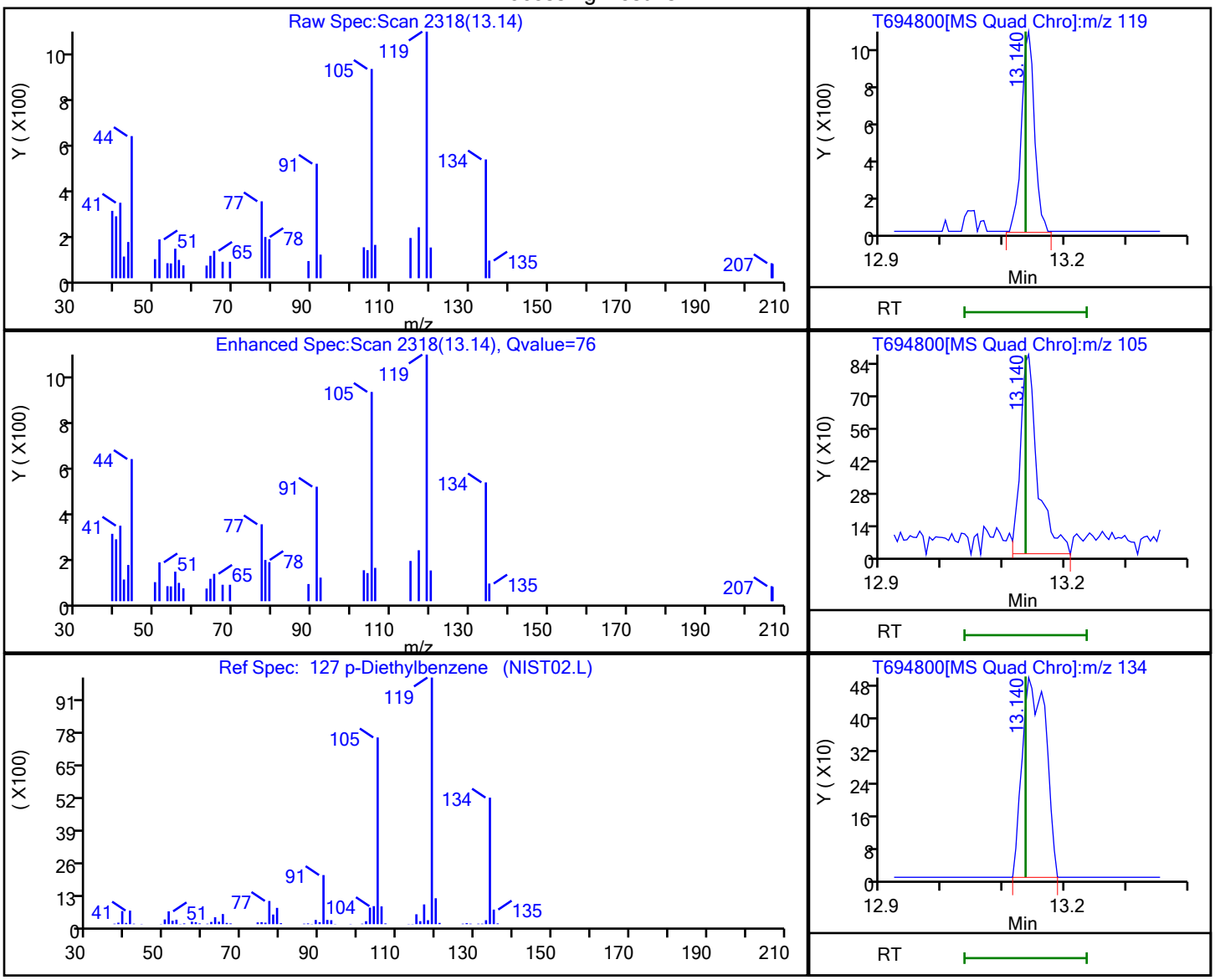
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
13.14	119.00	1513	0.203360
13.14	105.00	1722	
13.14	134.00	1337	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

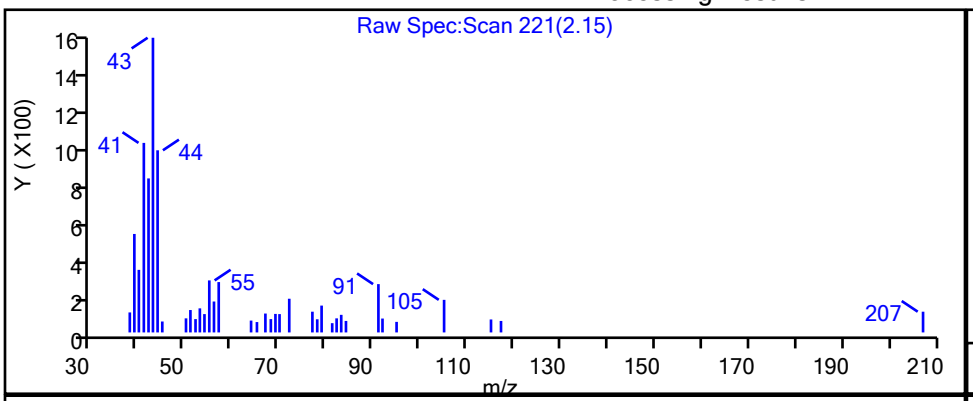
User Disabled Compound Report

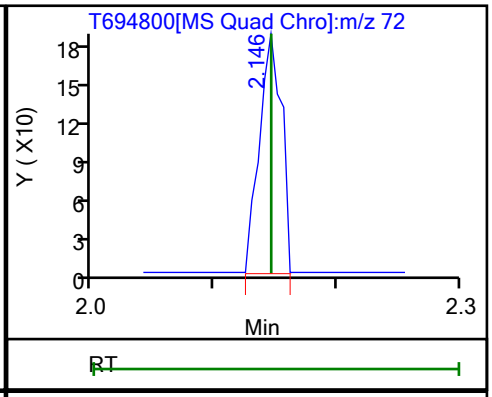
Eurofins Edison

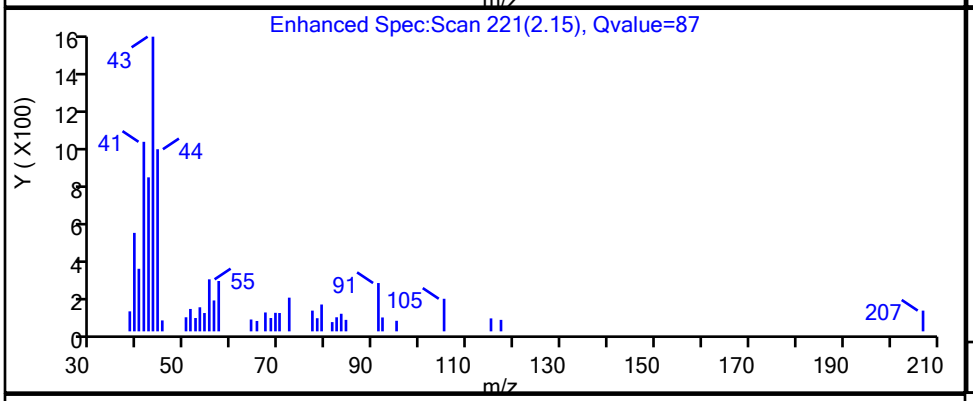
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

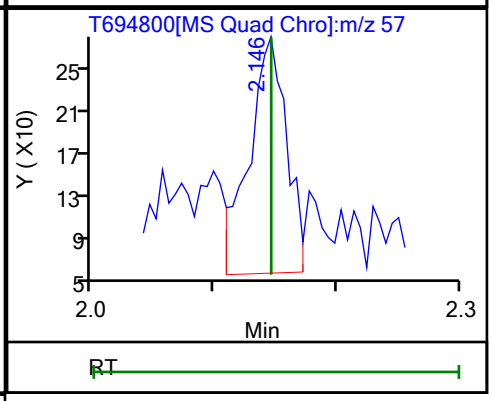
13 Pentane, CAS: 109-66-0

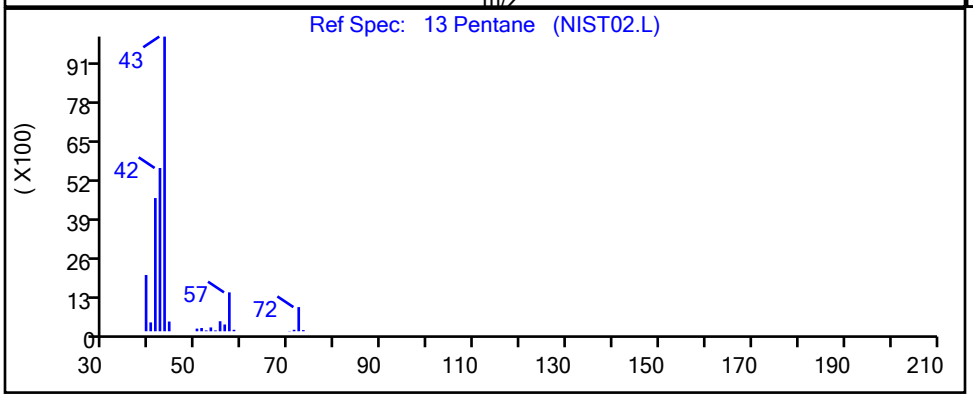
Processing Results











RT	Mass	Response	Amount
2.15	72.00	230	0.497377
2.15	57.00	467	

Reviewer: NN6A, 14-Nov-2025 16:59:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

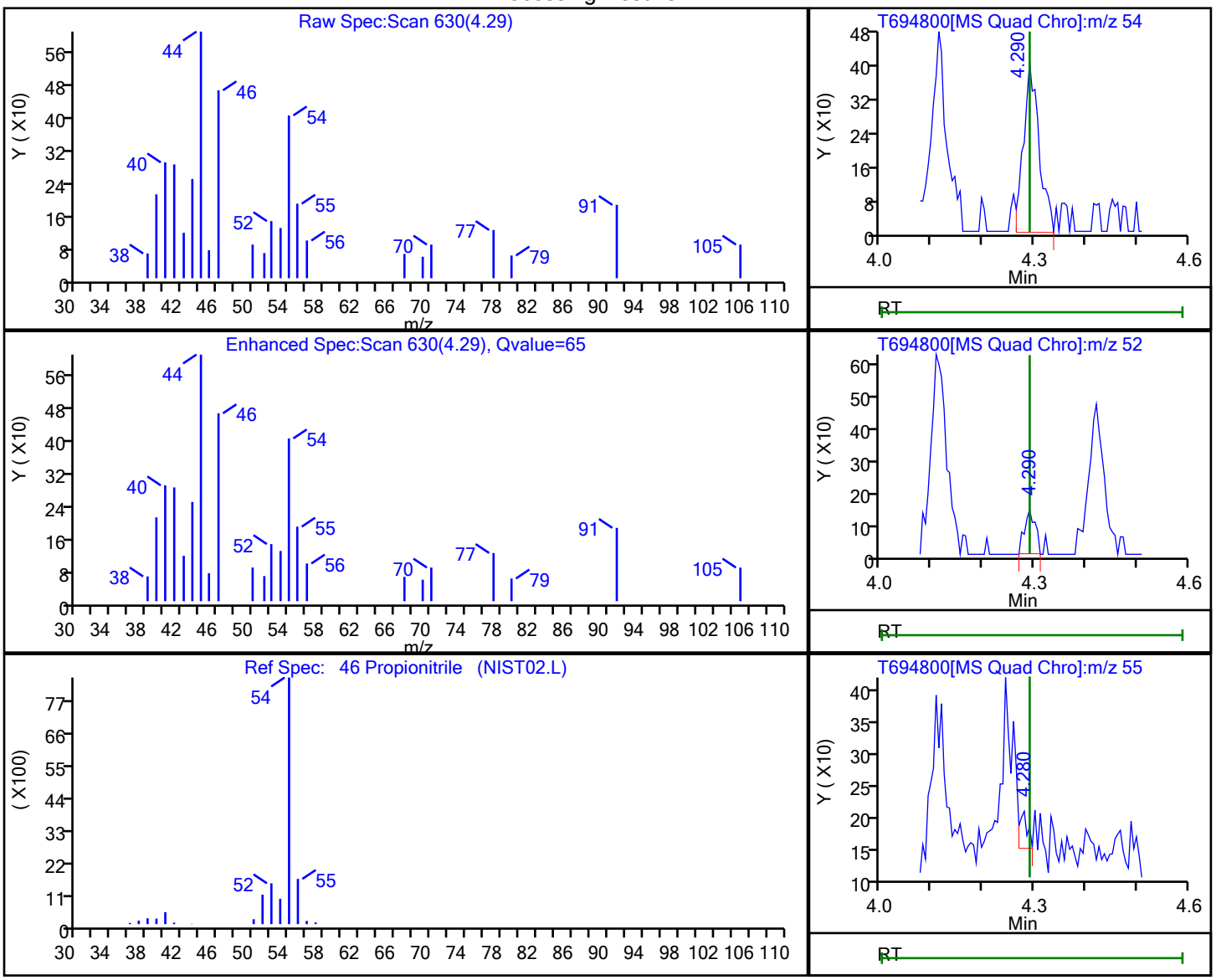
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.29	54.00	842	2.418649
4.29	52.00	208	
4.28	55.00	58	

Reviewer: NN6A, 14-Nov-2025 16:59:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

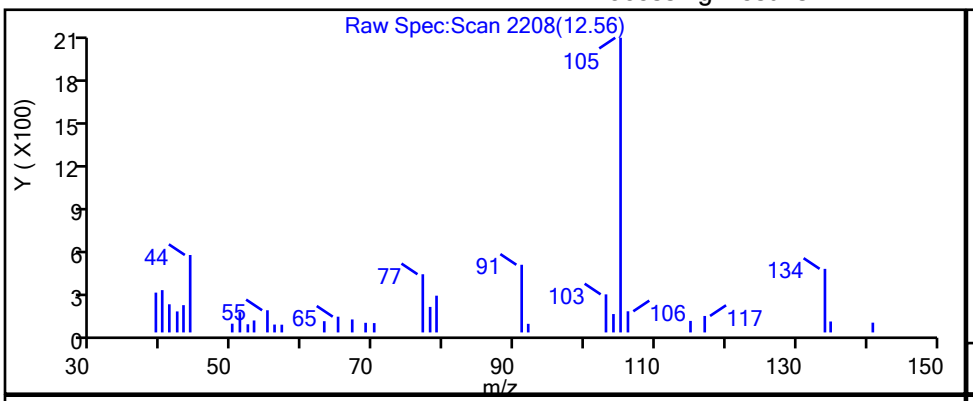
User Disabled Compound Report

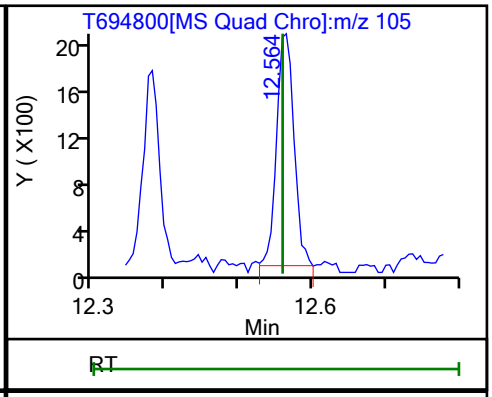
Eurofins Edison

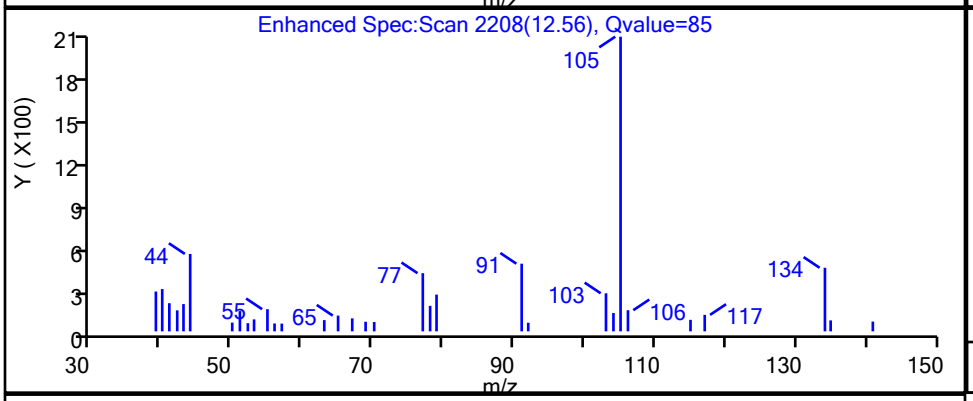
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

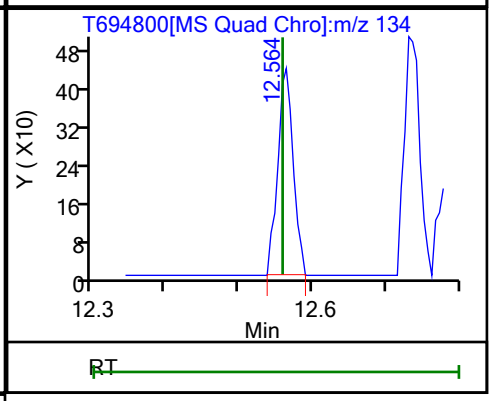
118 sec-Butylbenzene, CAS: 135-98-8

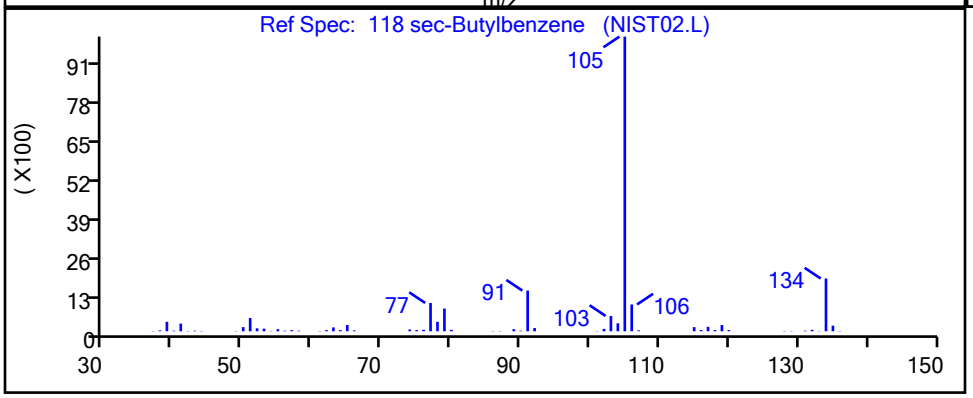
Processing Results











RT	Mass	Response	Amount
12.56	105.00	3270	0.216133
12.56	134.00	641	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

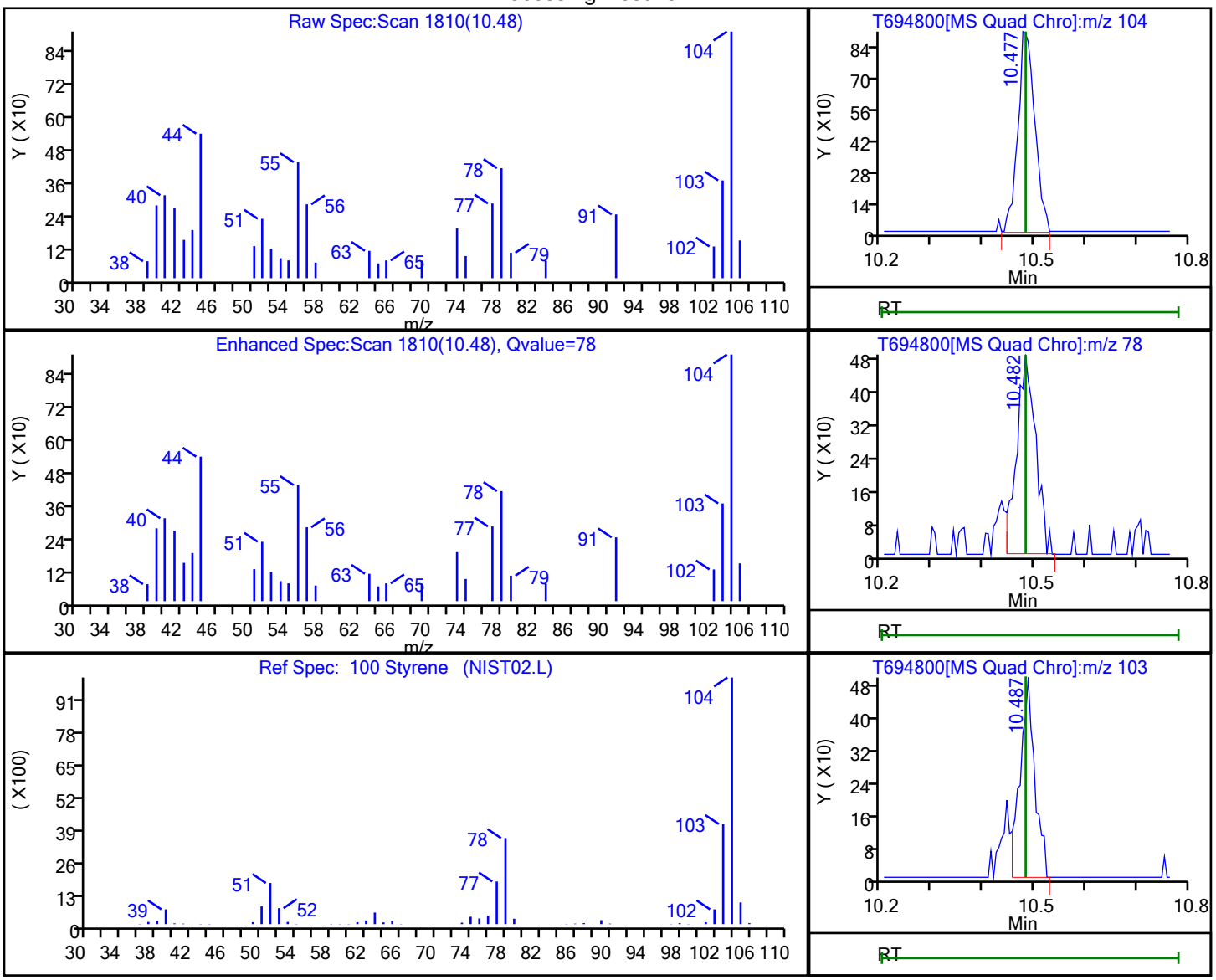
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

100 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
10.48	104.00	2077	0.209484
10.48	78.00	1261	
10.49	103.00	991	

Reviewer: NN6A, 14-Nov-2025 17:00:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

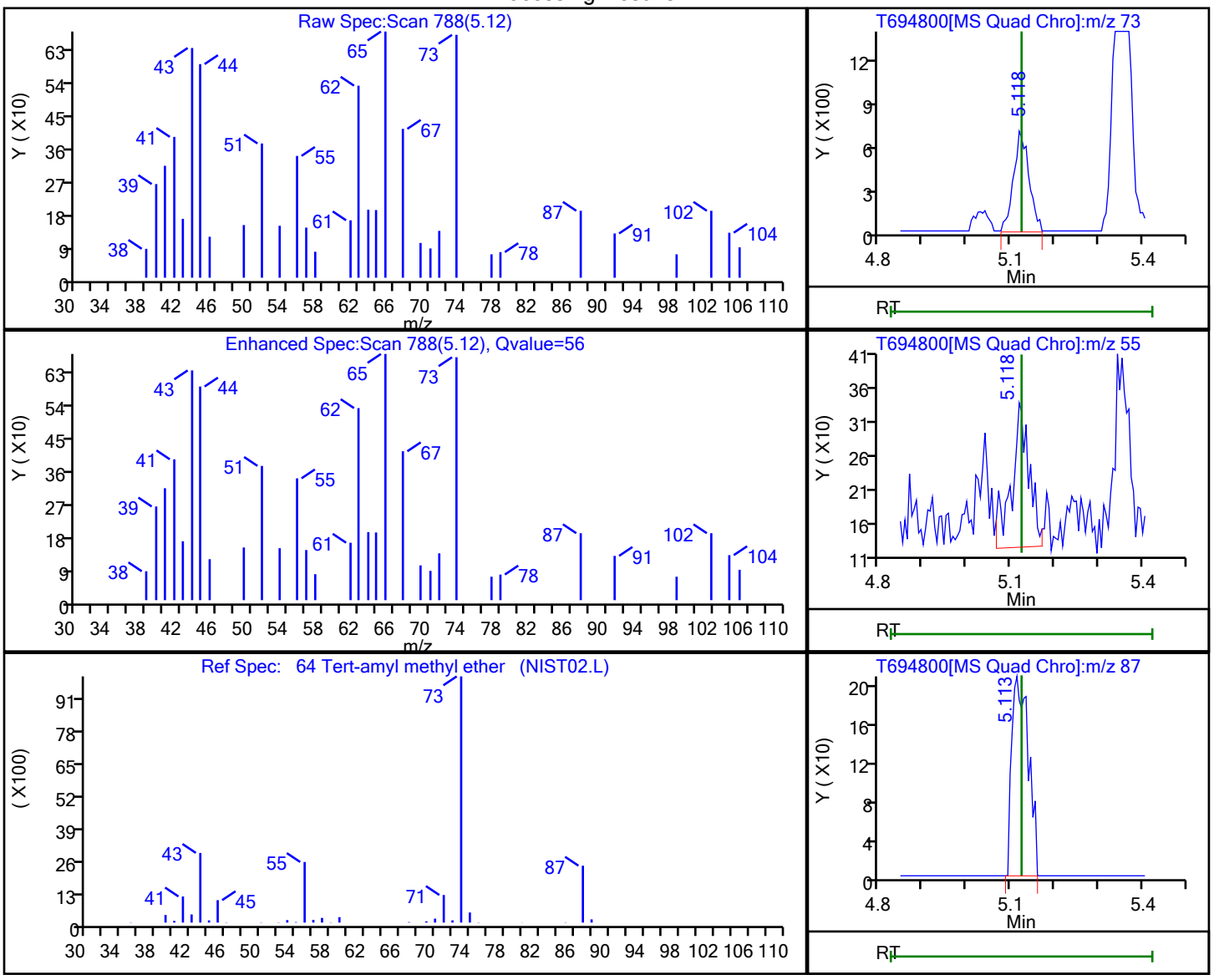
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

64 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
5.12	73.00	1626	0.193290
5.12	55.00	596	
5.11	87.00	552	

Reviewer: NN6A, 14-Nov-2025 16:59:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

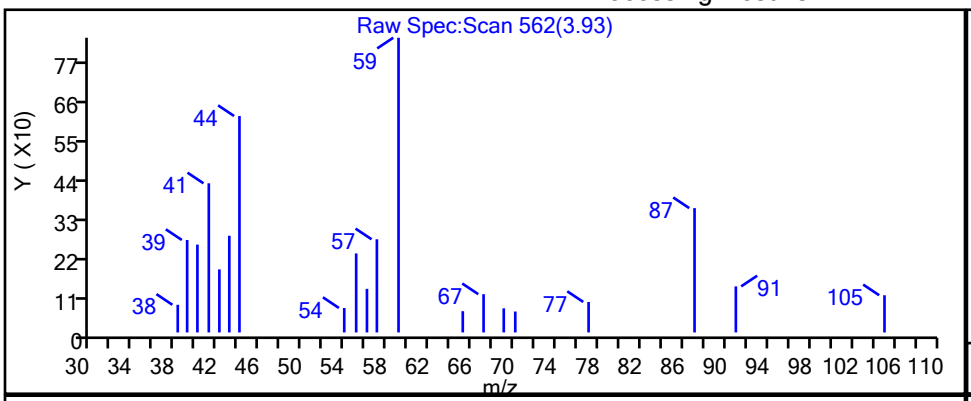
User Disabled Compound Report

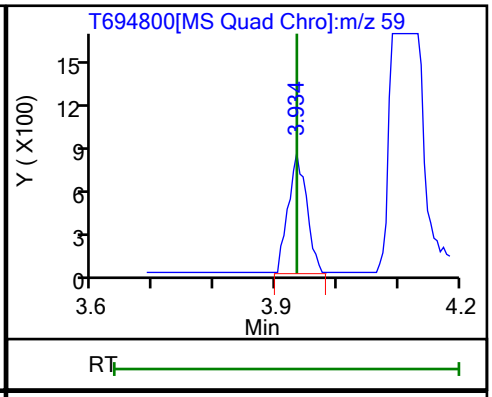
Eurofins Edison

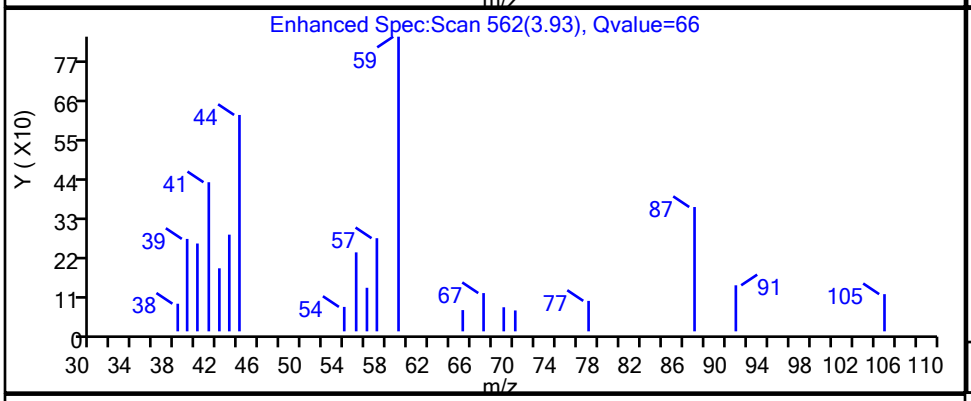
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

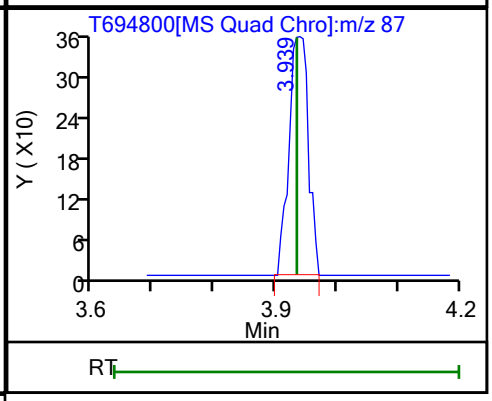
41 Tert-butyl ethyl ether, CAS: 637-92-3

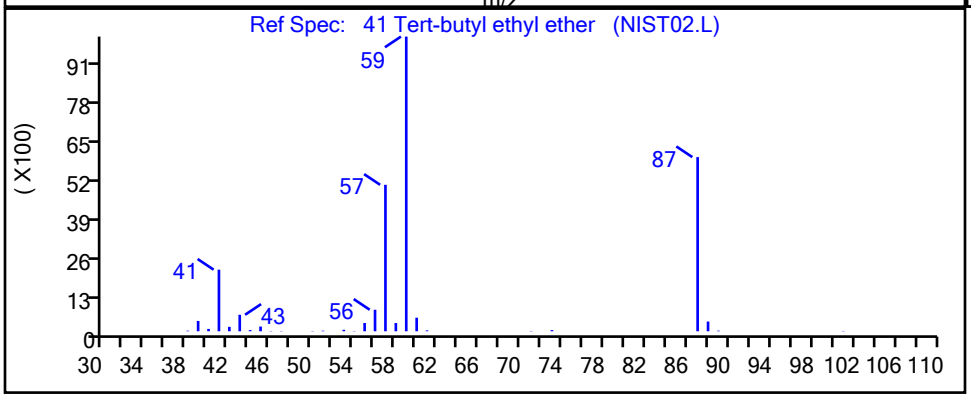
Processing Results











RT	Mass	Response	Amount
3.93	59.00	1729	0.180465
3.94	87.00	781	

Reviewer: NN6A, 14-Nov-2025 16:59:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

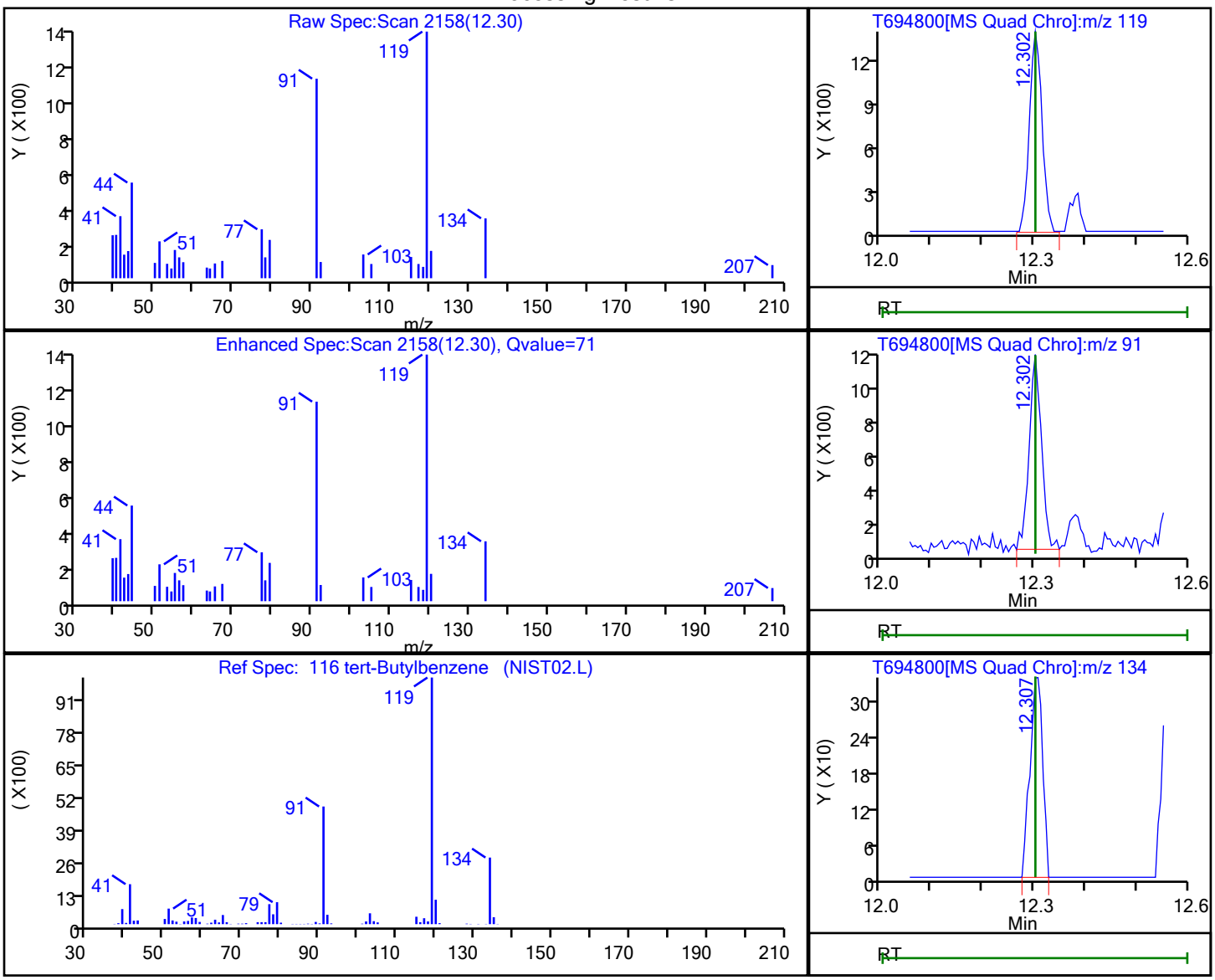
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
12.30	119.00	2339	0.210616
12.30	91.00	1695	
12.31	134.00	579	

Reviewer: NN6A, 14-Nov-2025 17:00:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

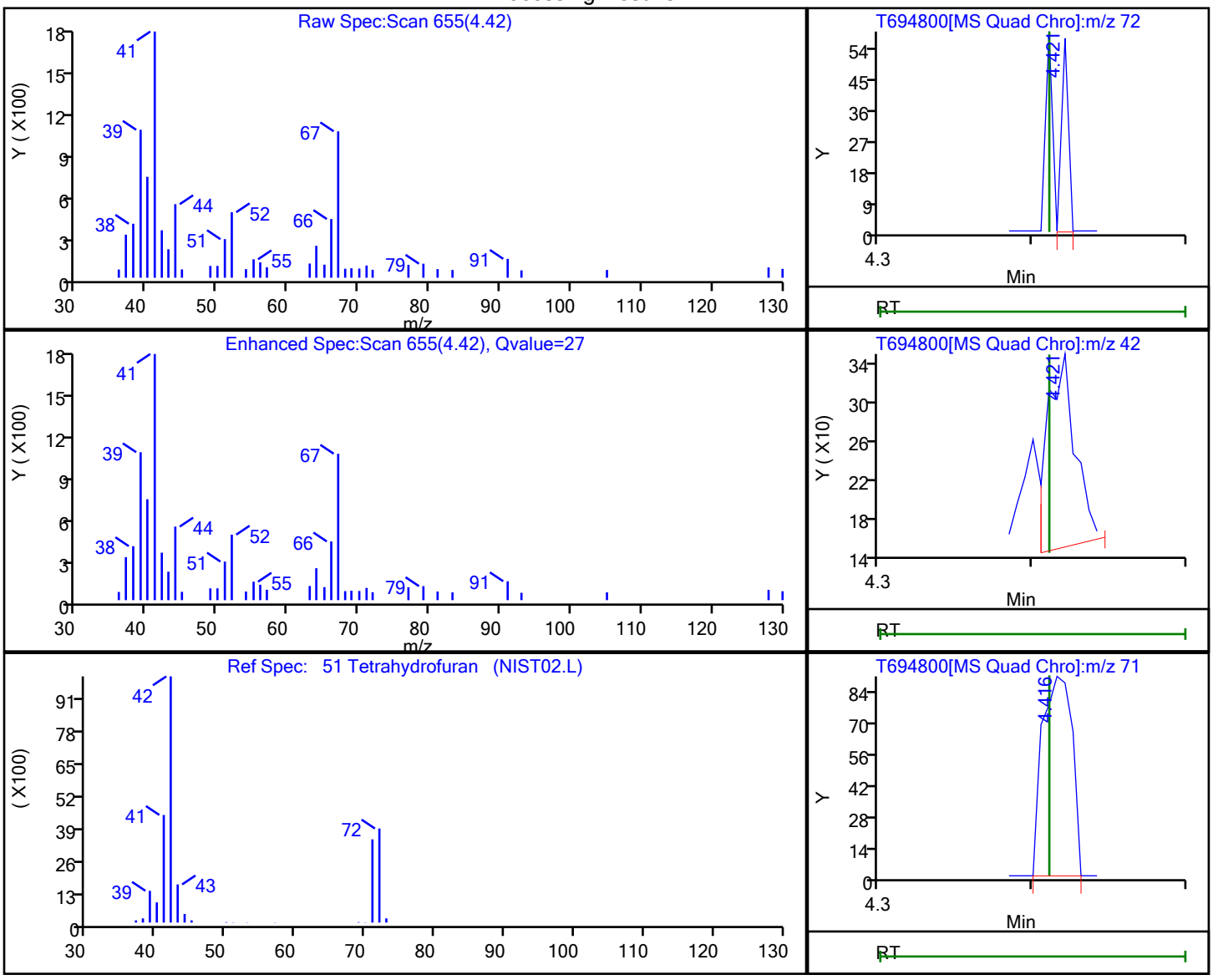
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

51 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
4.42	72.00	18	0.085289
4.42	42.00	244	
4.42	71.00	123	

Reviewer: NN6A, 14-Nov-2025 16:59:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

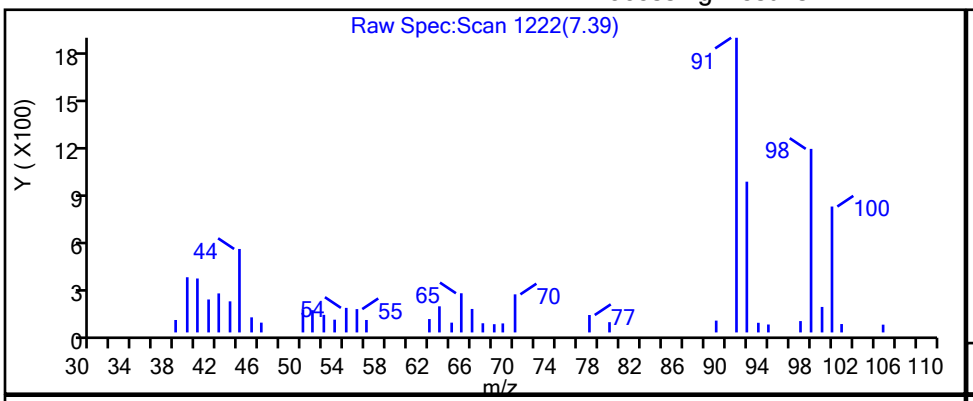
User Disabled Compound Report

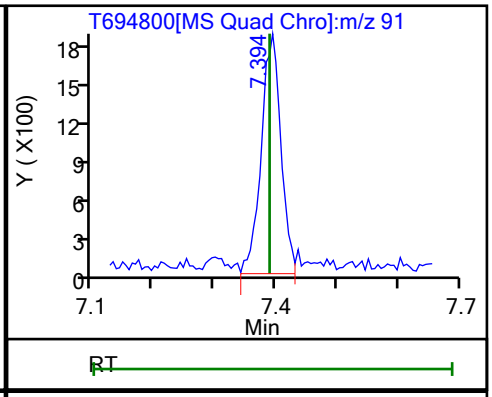
Eurofins Edison

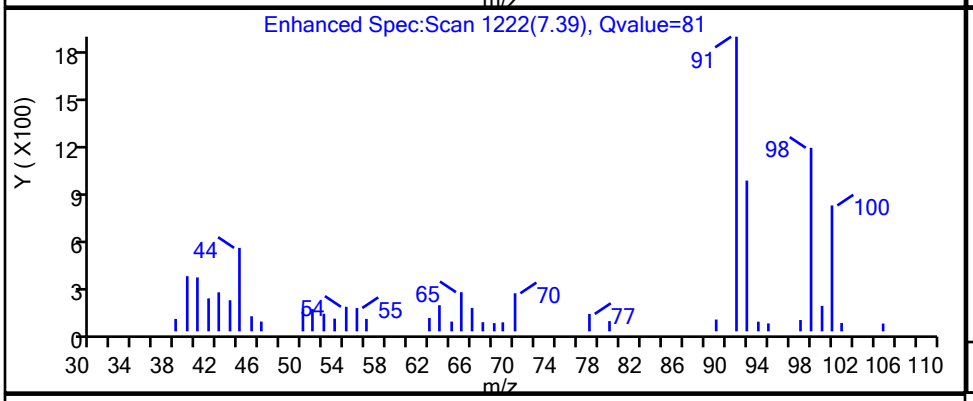
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

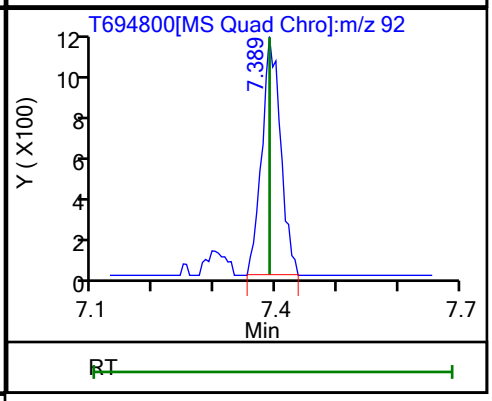
84 Toluene, CAS: 108-88-3

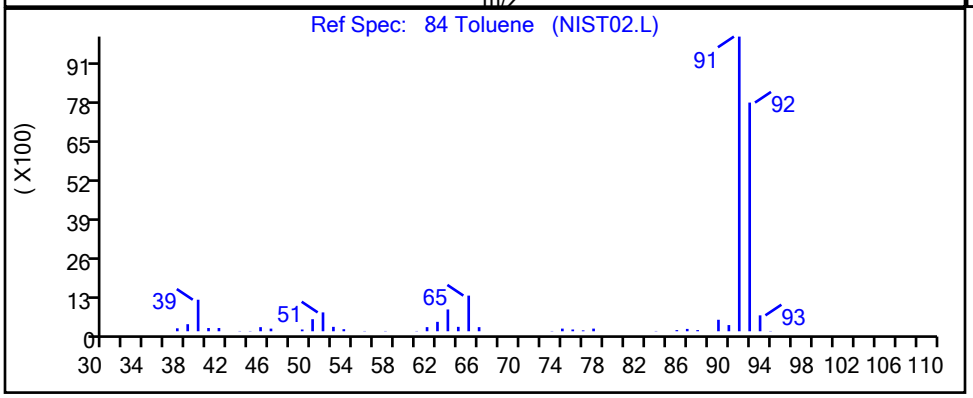
Processing Results











RT	Mass	Response	Amount
7.39	91.00	4019	0.257600
7.39	92.00	2370	

Reviewer: NN6A, 14-Nov-2025 17:00:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

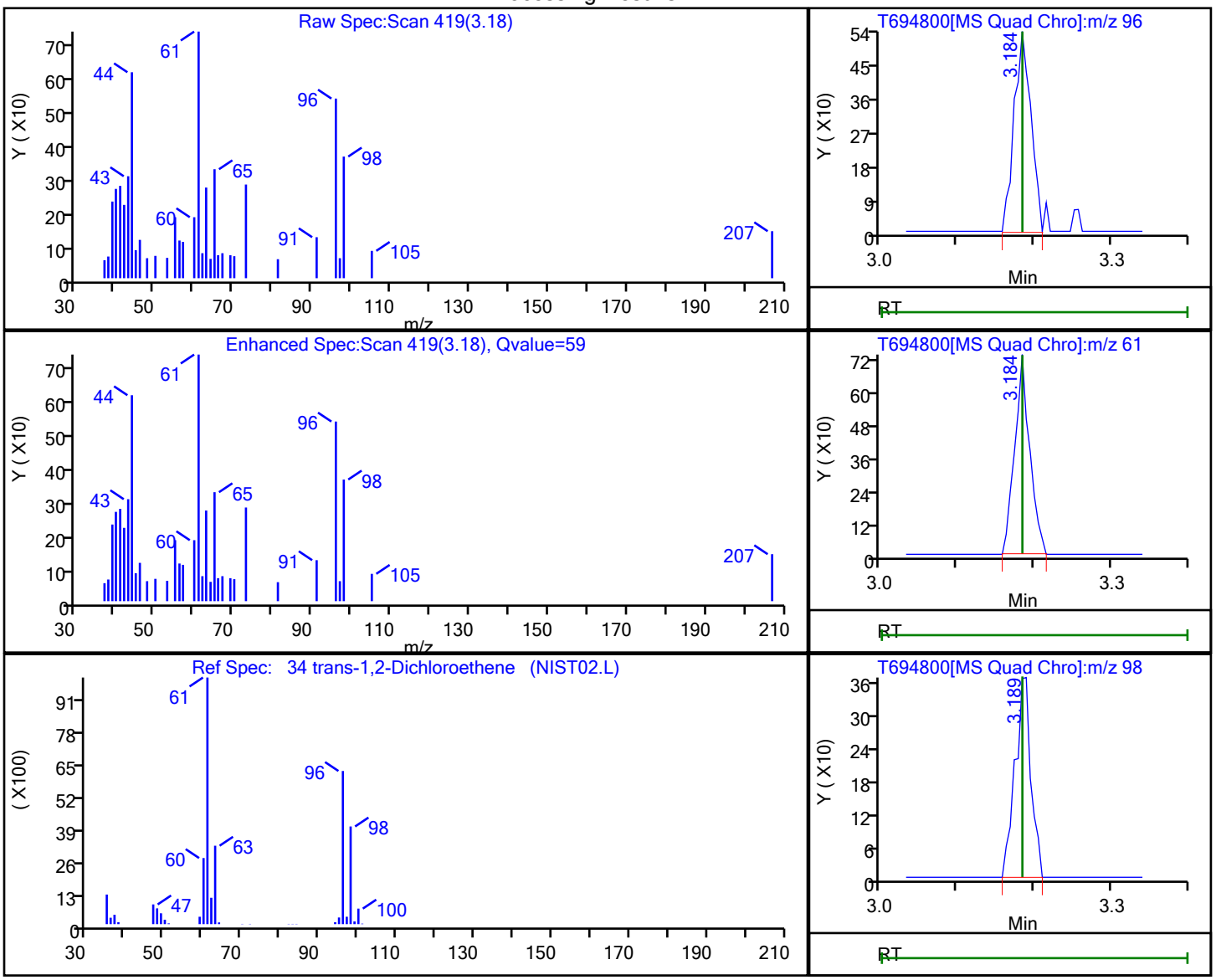
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
3.18	96.00	825	0.228615
3.18	61.00	1015	
3.19	98.00	529	

Reviewer: NN6A, 14-Nov-2025 16:59:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

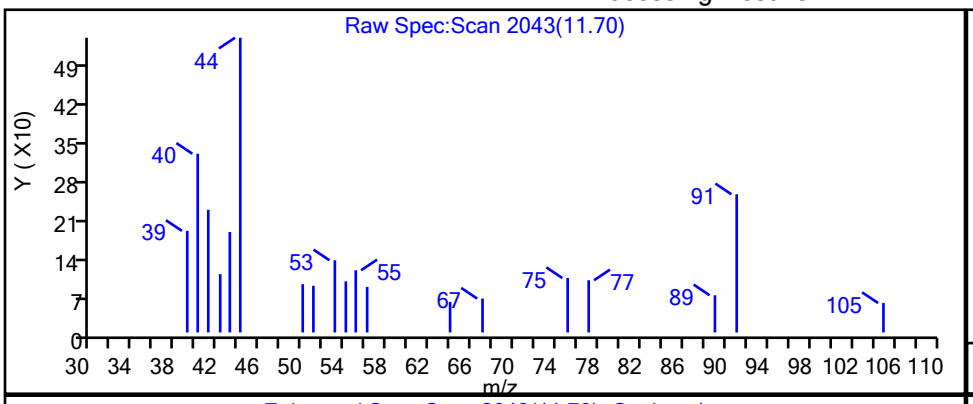
User Disabled Compound Report

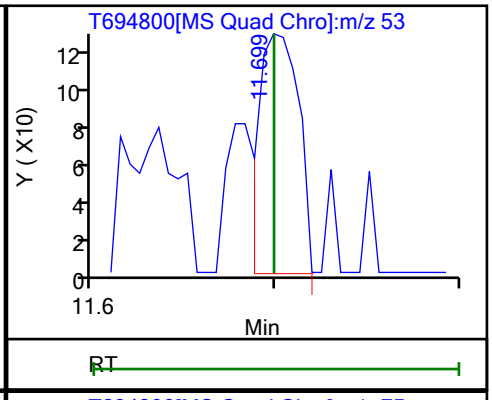
Eurofins Edison

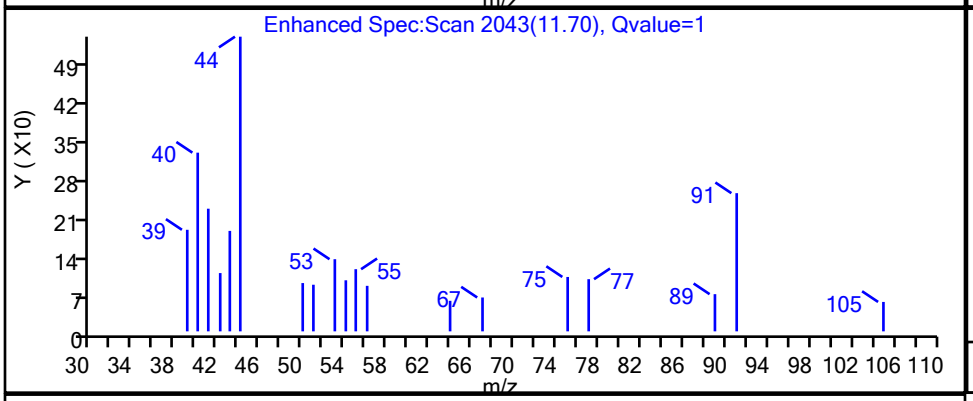
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

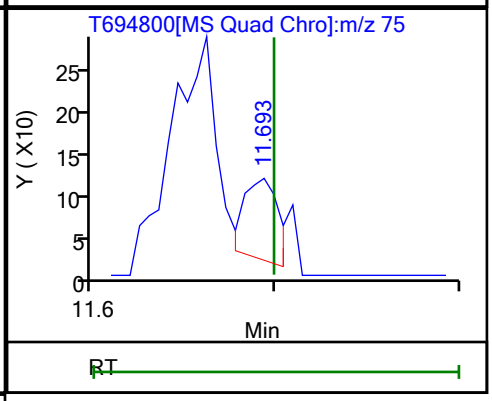
109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

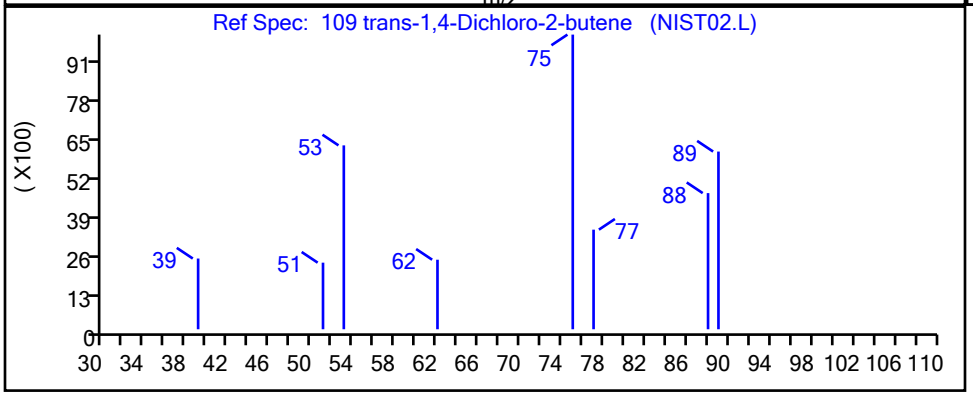
Processing Results











RT	Mass	Response	Amount
11.70	53.00	199	0.203286
11.69	75.00	131	

Reviewer: NN6A, 14-Nov-2025 17:00:54 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

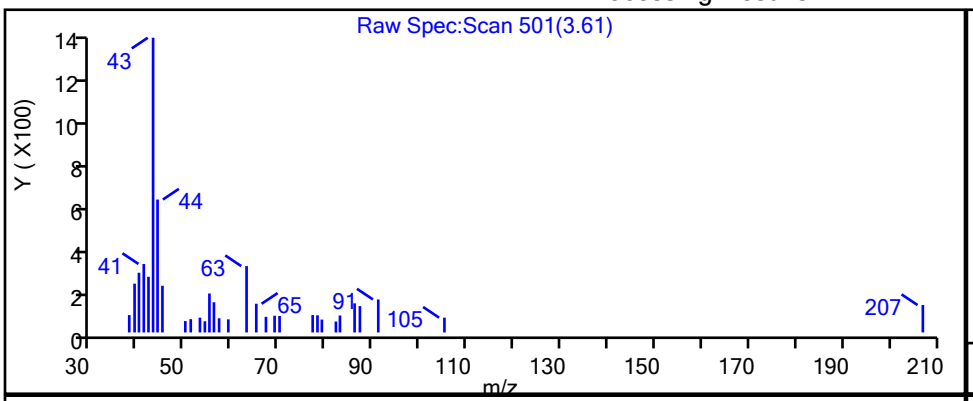
User Disabled Compound Report

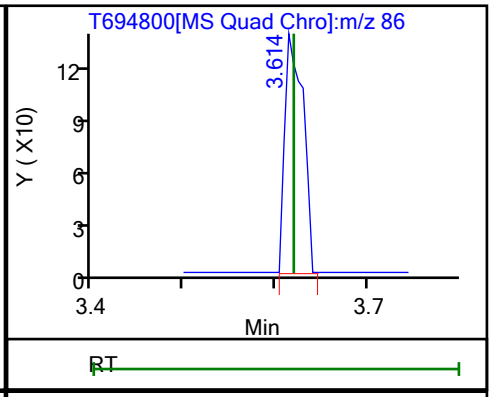
Eurofins Edison

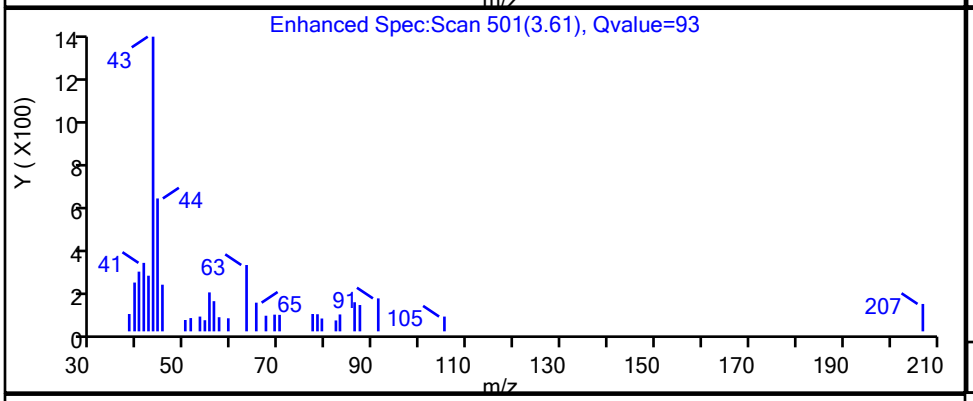
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D				
Injection Date:	10-Nov-2025 08:05:09	Instrument ID:	CVOAMS15		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

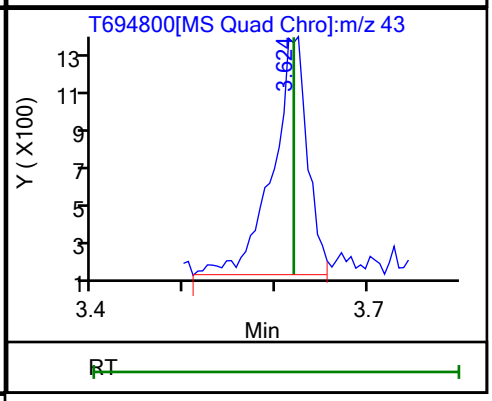
38 Vinyl acetate, CAS: 108-05-4

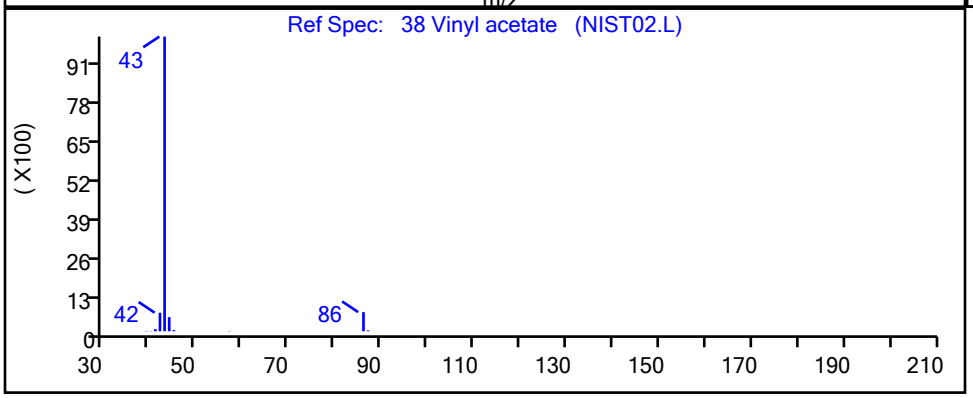
Processing Results











RT	Mass	Response	Amount
3.61	86.00	188	0.357300
3.62	43.00	3285	

Reviewer: NN6A, 14-Nov-2025 16:59:32 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

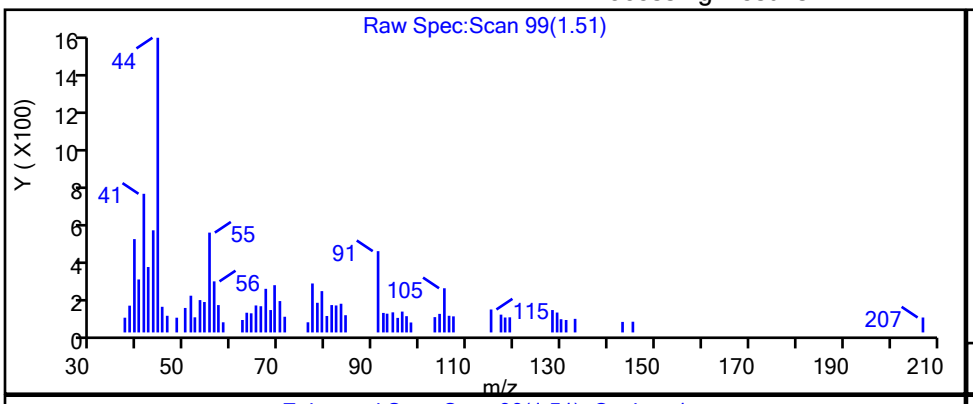
User Disabled Compound Report

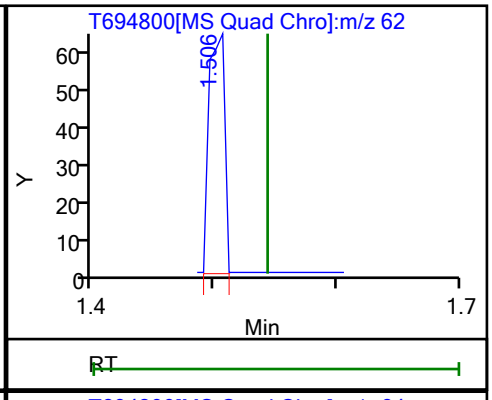
Eurofins Edison

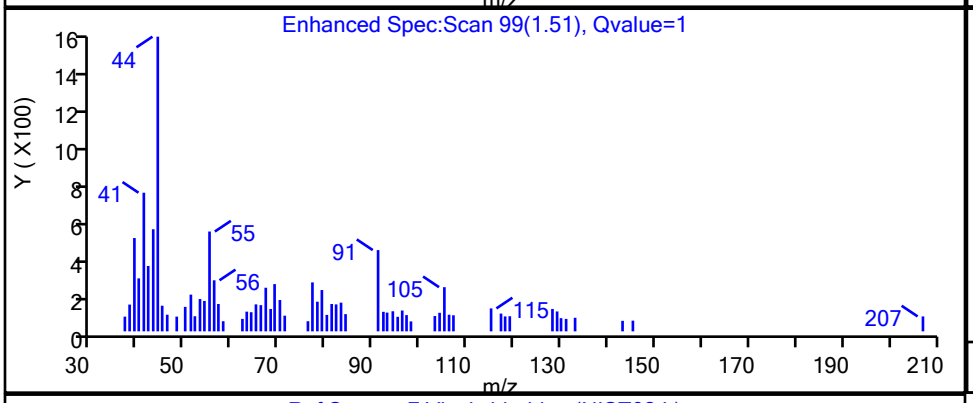
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694800.D
Injection Date: 10-Nov-2025 08:05:09 Instrument ID: CVOAMS15
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

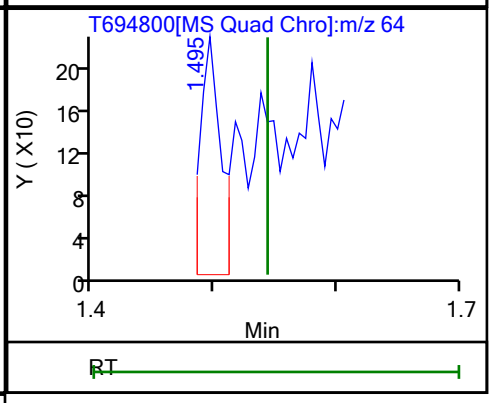
7 Vinyl chloride, CAS: 75-01-4

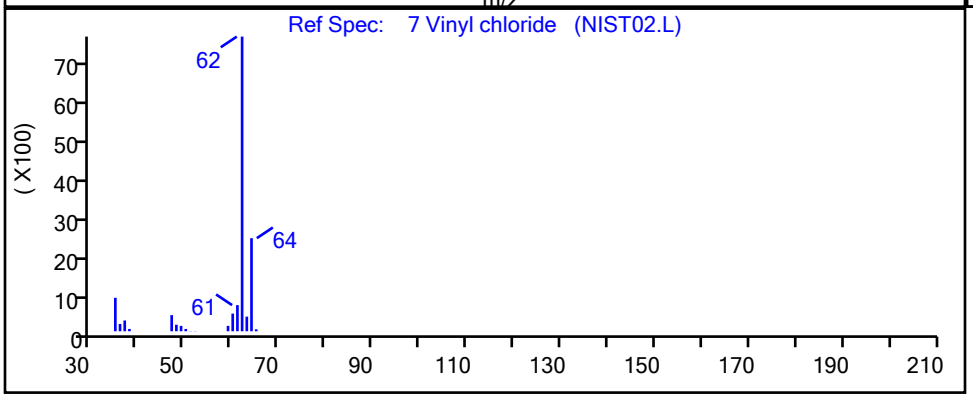
Processing Results











RT	Mass	Response	Amount
1.51	62.00	58	0.021233
1.50	64.00	272	

Reviewer: NN6A, 14-Nov-2025 16:59:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 10-Nov-2025 08:28:25 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0199009-004
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Nov-2025 17:37:37 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 10-Nov-2025 10:09:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.569	1.569	0.000	75	1096	0.2500	0.5655	
* 31 TBA-d9 (IS)	66	2.963	2.964	-0.001	98	36629	1000.0	1000.0	
33 Acrylonitrile	53	3.226	3.231	-0.005	95	4073	2.00	4.59	
* 42 2-Butanone-d5	46	4.112	4.112	0.000	46	262117	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.641	4.642	-0.001	97	157127	50.0	51.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.029	5.024	0.005	90	179258	50.0	51.7	
* 65 Fluorobenzene	96	5.354	5.355	-0.001	98	601573	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.146	6.146	0.000	1	25617	1000.0	1000.0	
80 Epichlorohydrin	57	6.917	6.912	0.005	75	2403	5.00	13.9	
$ 83 Toluene-d8 (Surr)	98	7.299	7.300	-0.001	99	544215	50.0	49.2	
* 94 Chlorobenzene-d5	117	9.423	9.423	0.000	84	464195	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.326	11.326	0.000	93	198515	50.0	50.9	
* 120 1,4-Dichlorobenzene-d4	152	12.778	12.779	-0.001	95	249384	50.0	50.0	

QC Flag Legend
Processing Flags

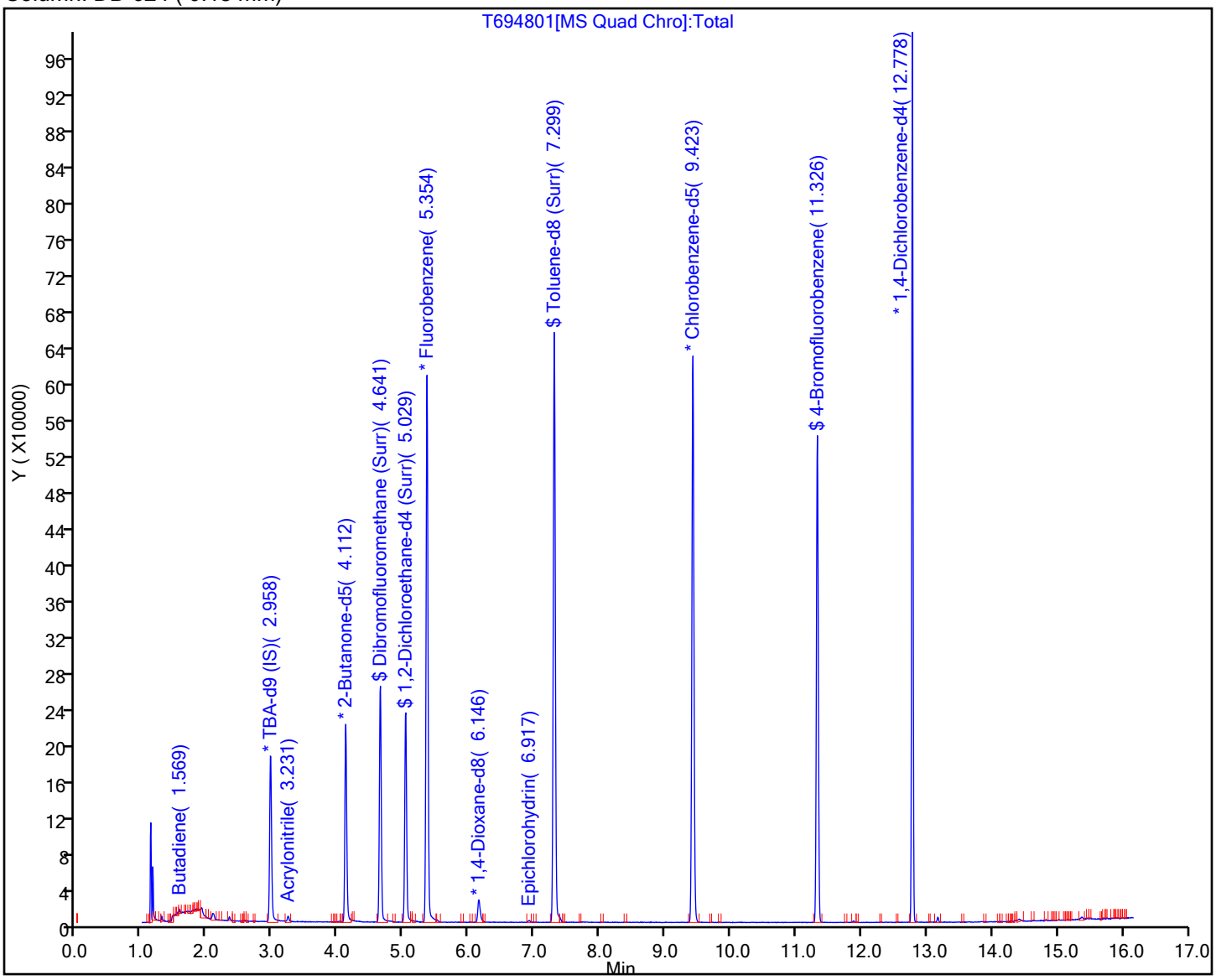
Reagents:

8260MIX1COMB_00214	Amount Added:	0.00	Units: uL	
ACROLEIN W_00189	Amount Added:	0.00	Units: uL	
GASES Li_00669	Amount Added:	2.50	Units: uL	
14DIOXINTER_00190	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00144	Amount Added:	20.00	Units: uL	
Ethanol mix_00107	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00167	Amount Added:	0.00	Units: uL	
MIX I Hi_00194	Amount Added:	0.00	Units: uL	
7 Freons Hi_00033	Amount Added:	0.00	Units: uL	
GAS Hi_00510	Amount Added:	0.00	Units: uL	
524FREONS_00044	Amount Added:	0.00	Units: uL	
VOA6IS/SURR_00083	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 14-Nov-2025 17:37:37 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



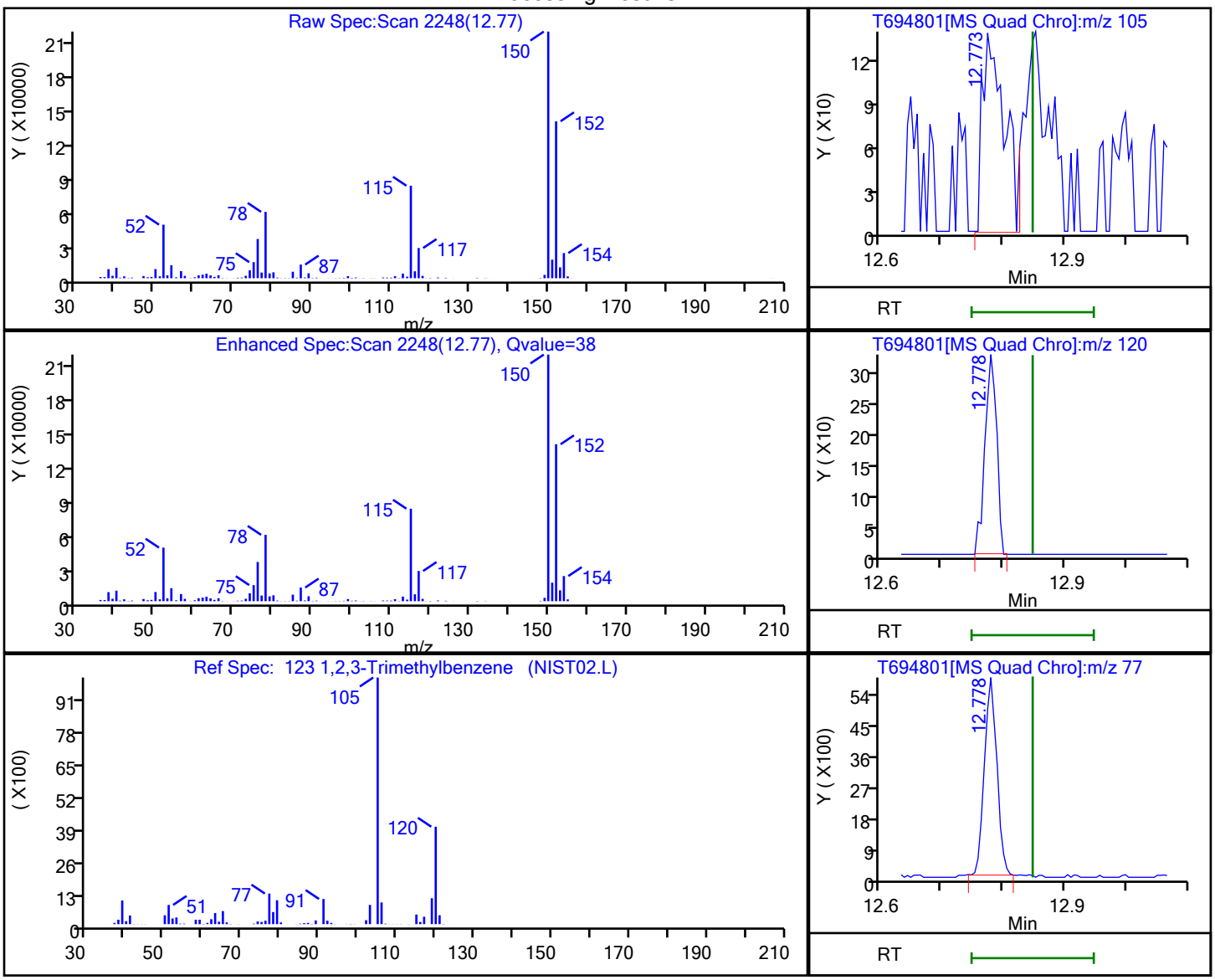
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
12.77	105.00	348	0.027464
12.78	120.00	433	
12.78	77.00	8277	

Reviewer: NN6A, 14-Nov-2025 17:02:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

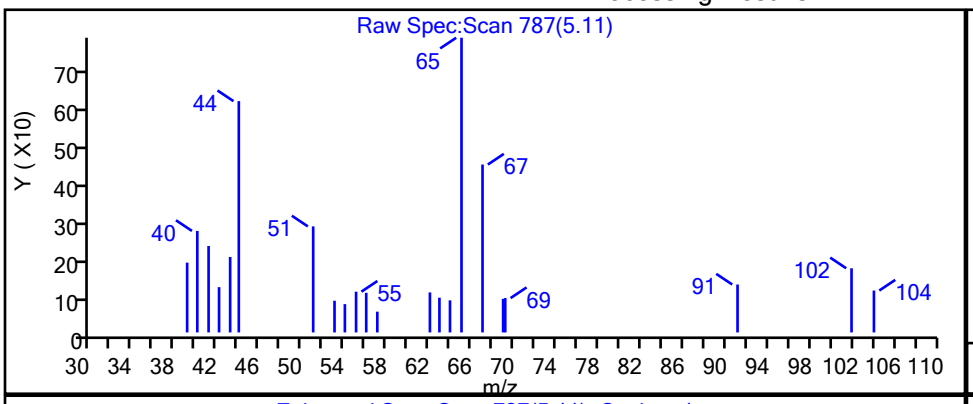
User Disabled Compound Report

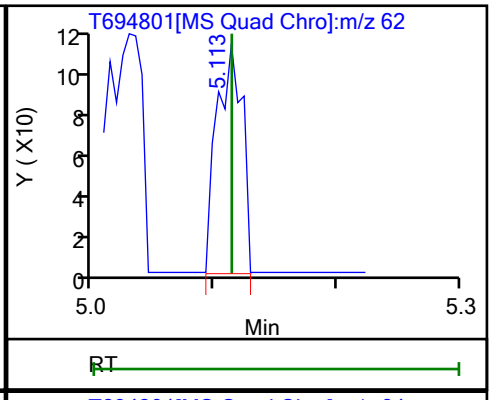
Eurofins Edison

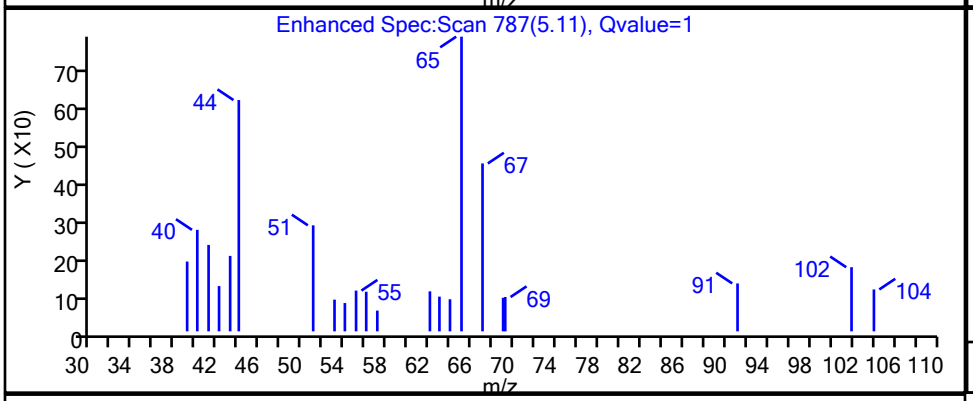
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

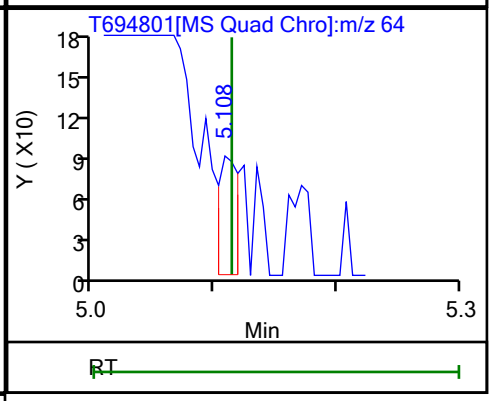
61 1,2-Dichloroethane, CAS: 107-06-2

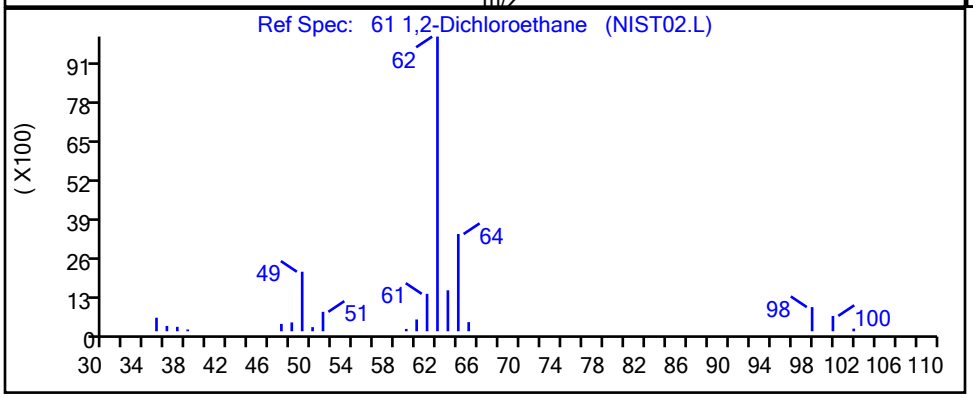
Processing Results











RT	Mass	Response	Amount
5.11	62.00	153	0.031247
5.11	64.00	100	

Reviewer: NN6A, 14-Nov-2025 17:02:10 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

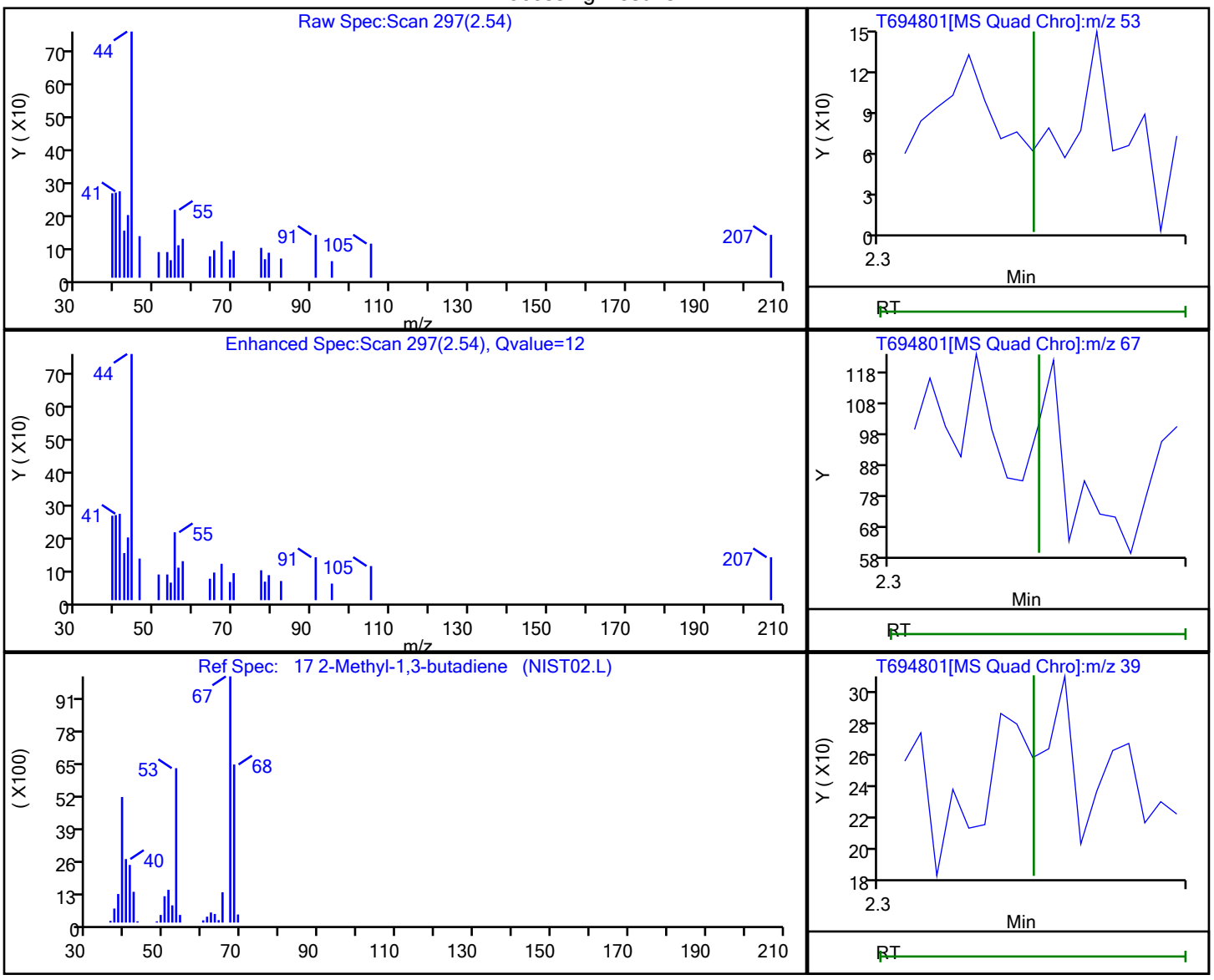
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.54	53.00	71	0.027034
2.54	67.00	59	
2.54	39.00	66	

Reviewer: NN6A, 14-Nov-2025 17:01:52 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

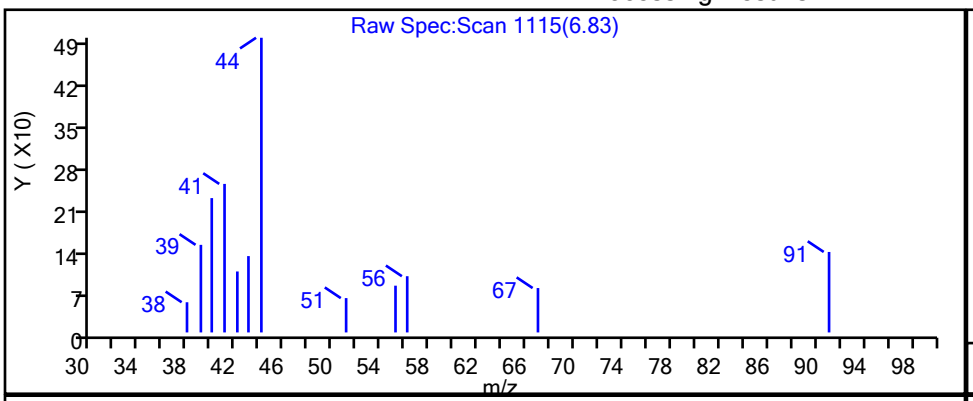
User Disabled Compound Report

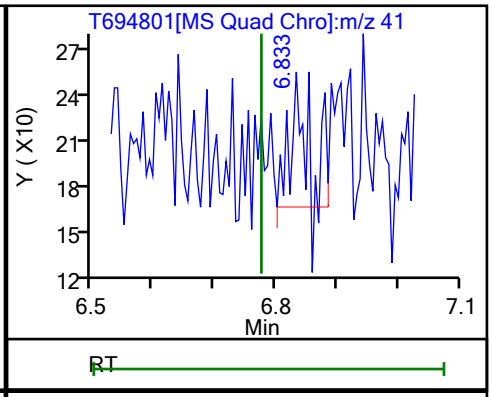
Eurofins Edison

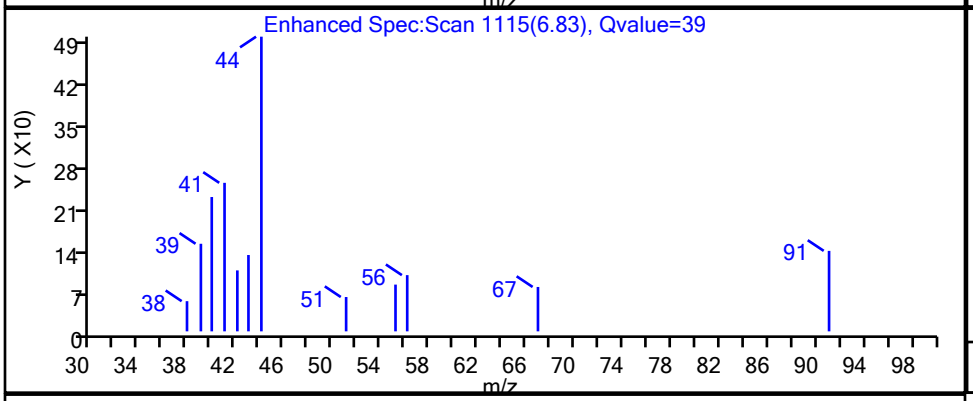
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

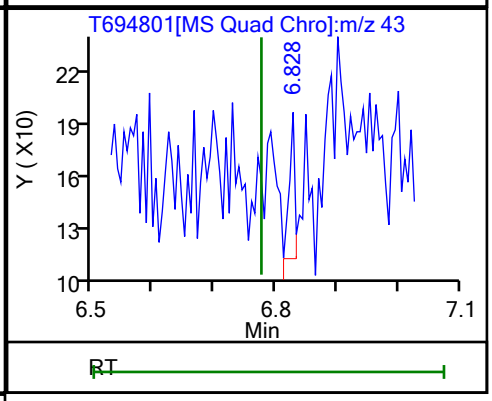
78 2-Nitropropane, CAS: 79-46-9

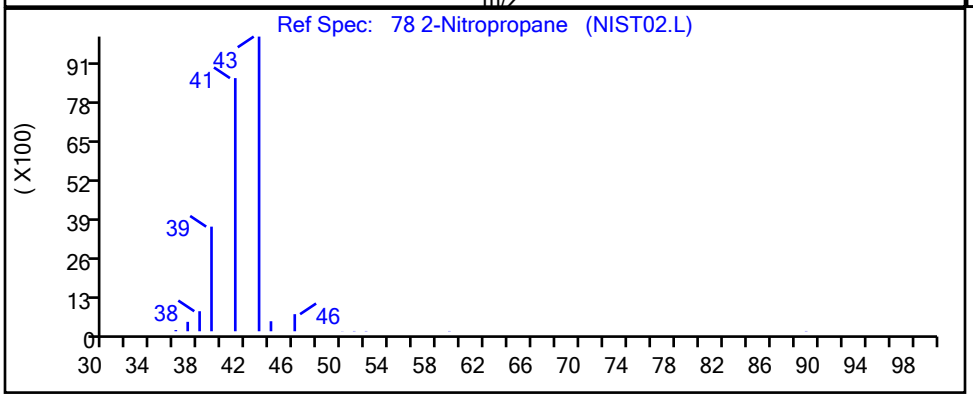
Processing Results











RT	Mass	Response	Amount
6.83	41.00	170	0.317751
6.83	43.00	46	

Reviewer: NN6A, 14-Nov-2025 17:02:10 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

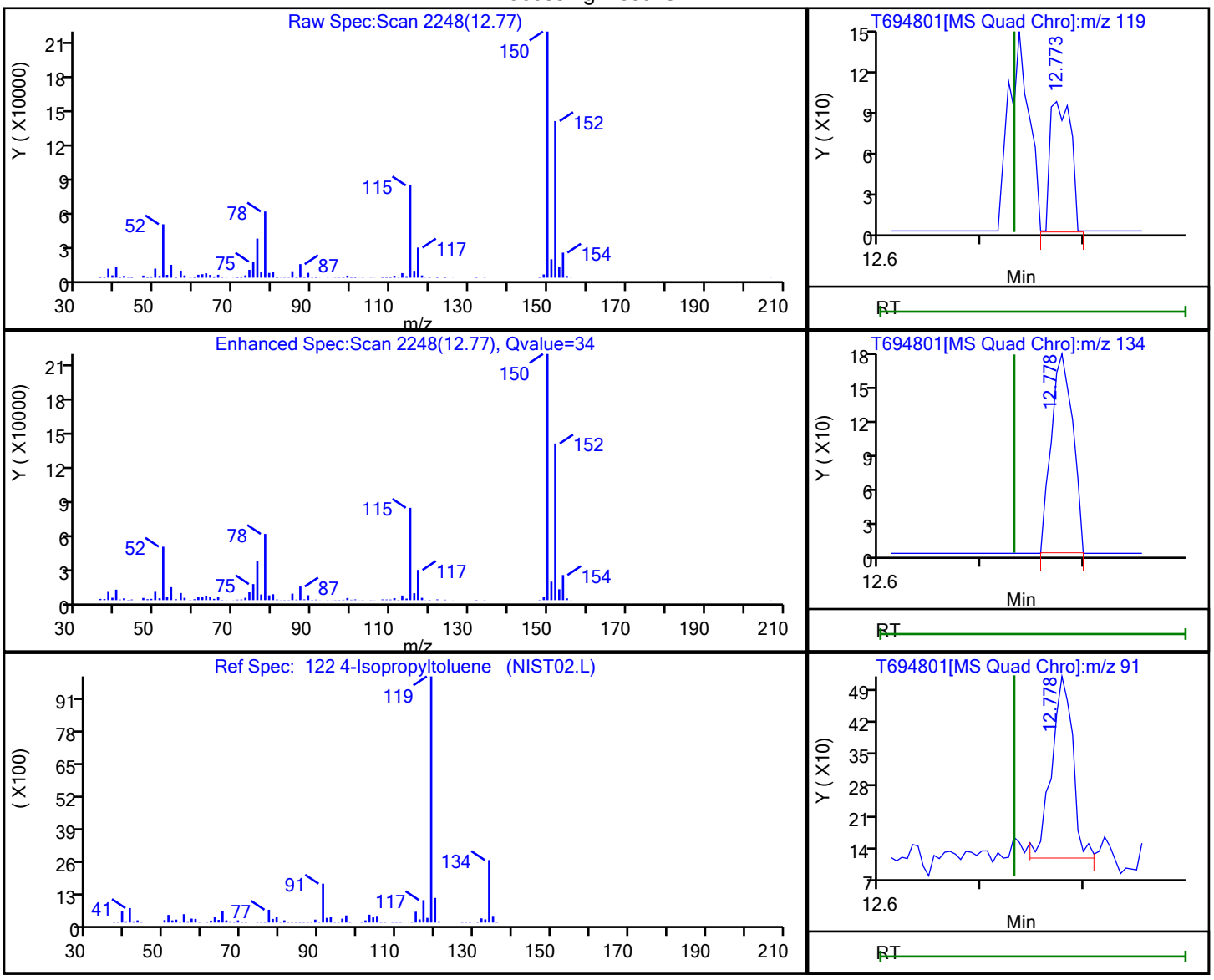
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
12.77	119.00	136	0.010448
12.78	134.00	259	
12.78	91.00	585	

Reviewer: NN6A, 14-Nov-2025 17:02:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

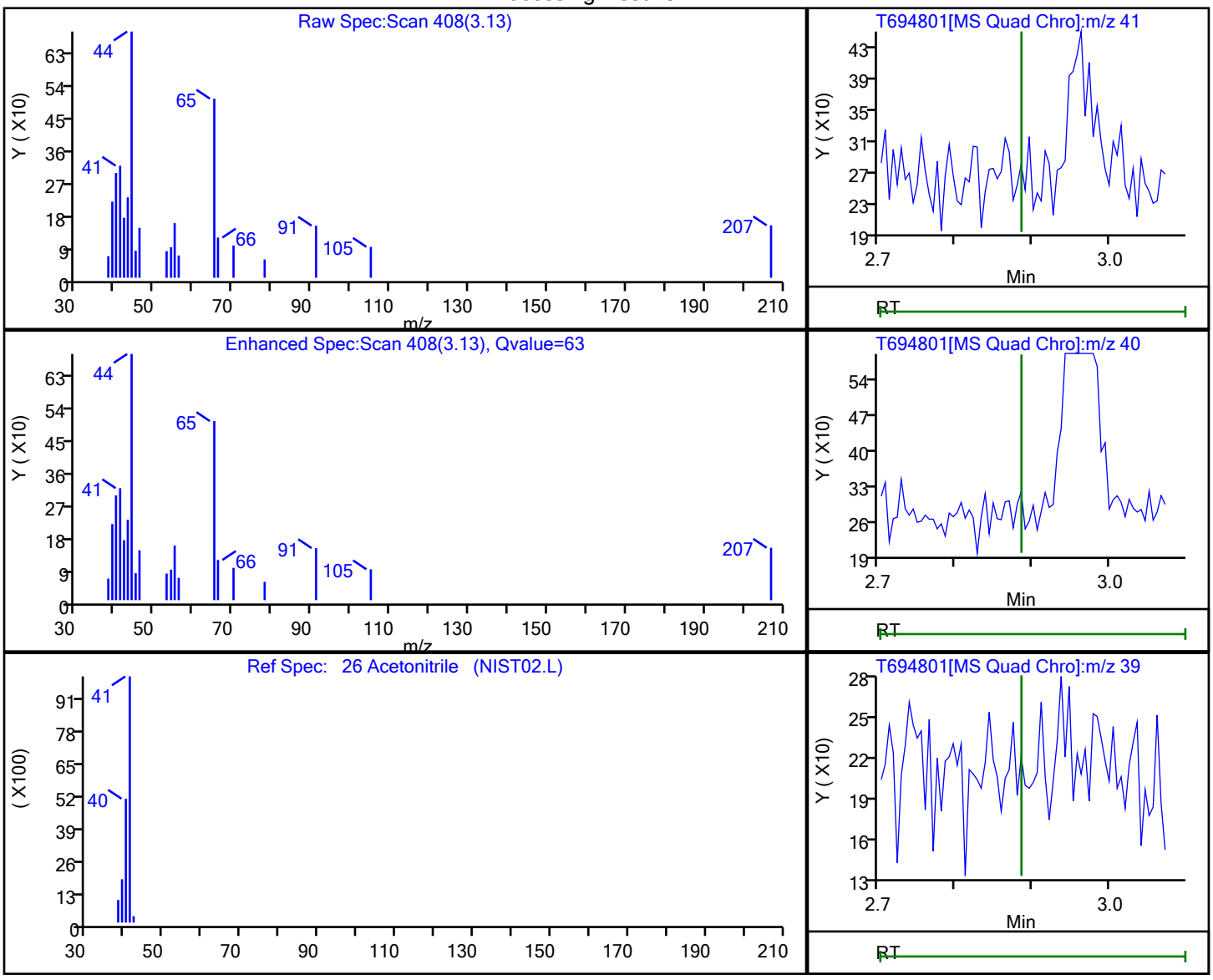
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.13	41.00	102	0.228752
3.13	40.00	107	
3.13	39.00	92	
3.13	38.00	41	

Reviewer: NN6A, 14-Nov-2025 17:01:53 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

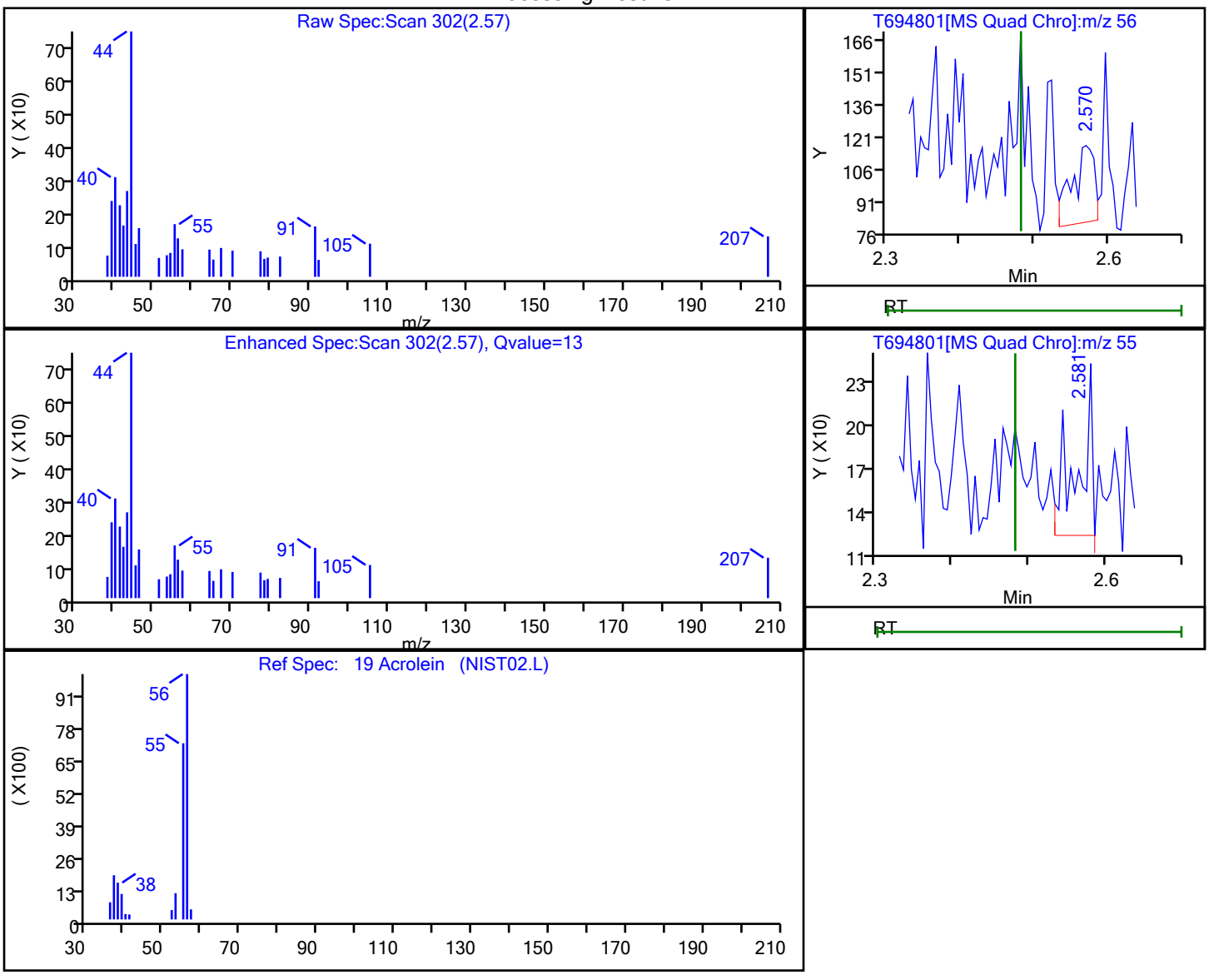
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.57	56.00	77	0.176744
2.58	55.00	133	

Reviewer: NN6A, 14-Nov-2025 17:01:52 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

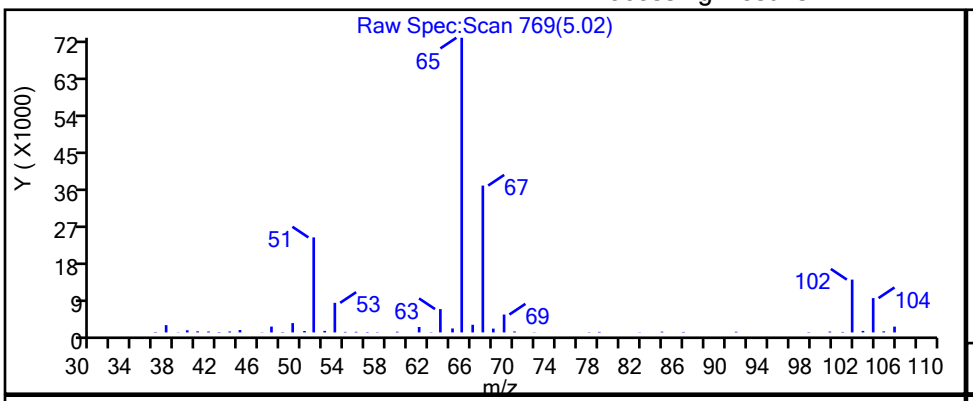
User Disabled Compound Report

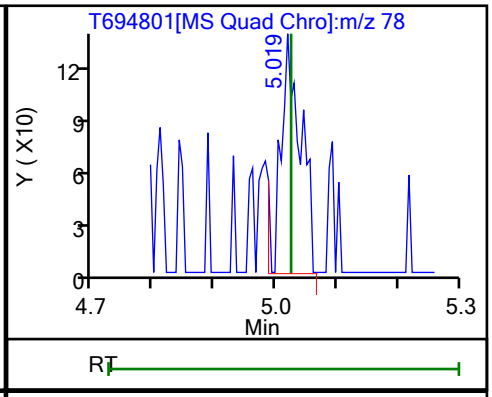
Eurofins Edison

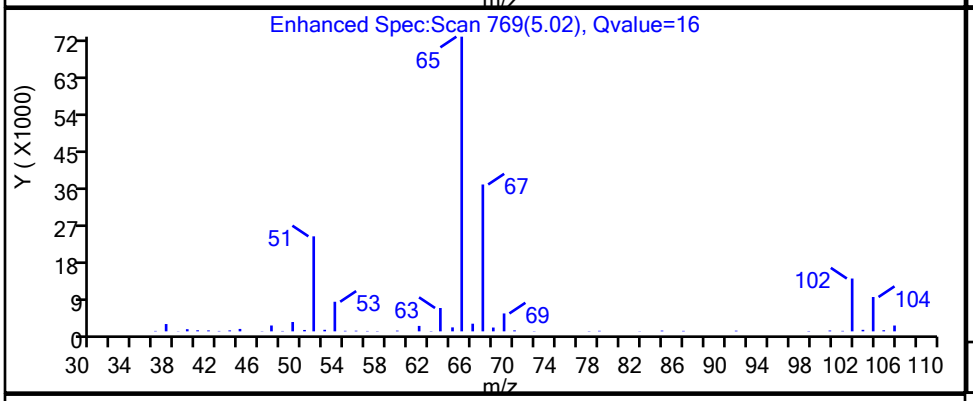
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

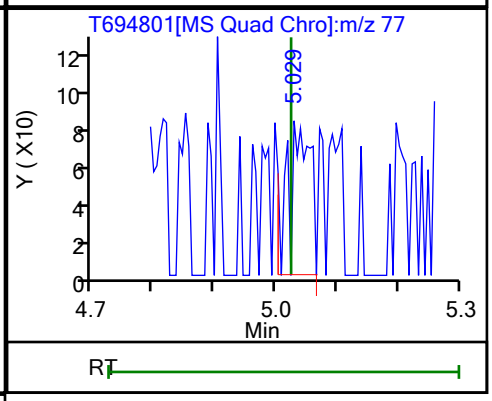
60 Benzene, CAS: 71-43-2

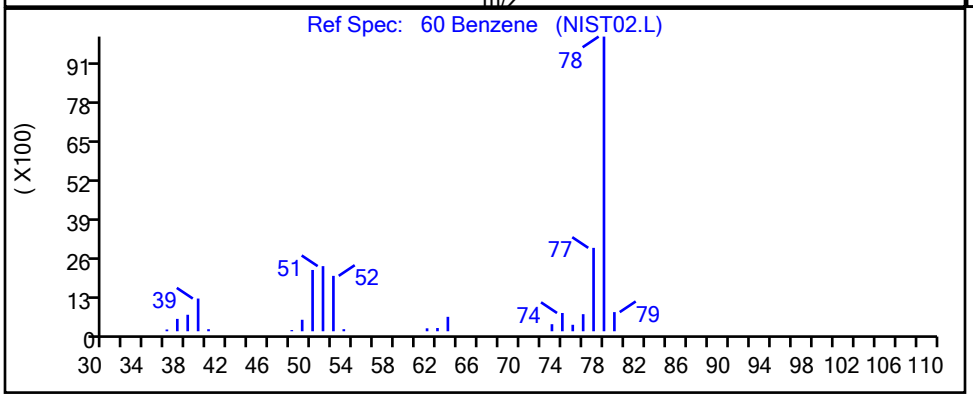
Processing Results











RT	Mass	Response	Amount
5.02	78.00	307	0.022512
5.03	77.00	202	

Reviewer: NN6A, 14-Nov-2025 17:02:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

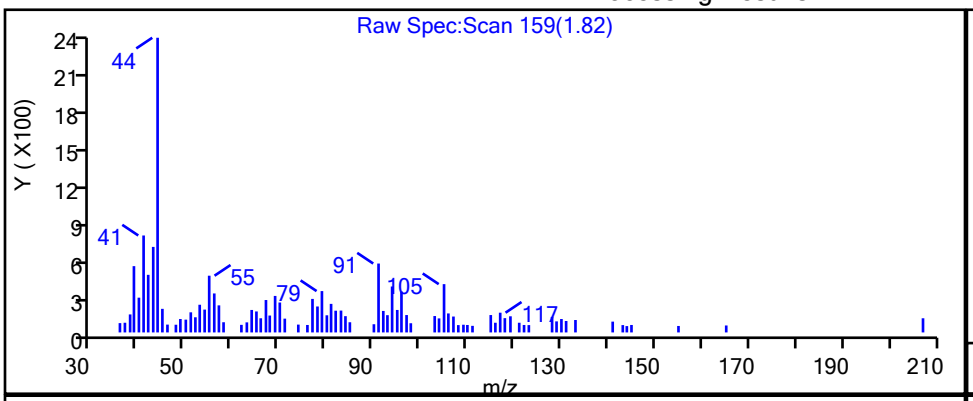
User Disabled Compound Report

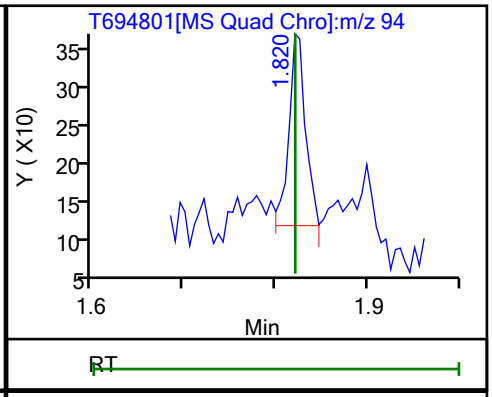
Eurofins Edison

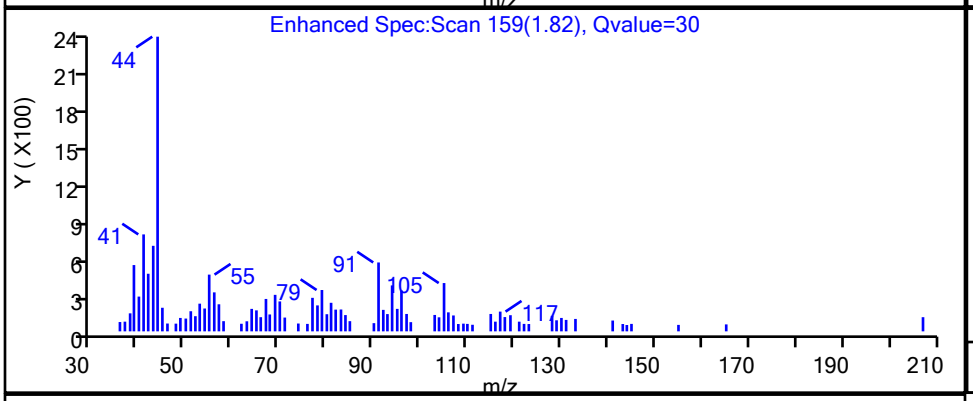
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

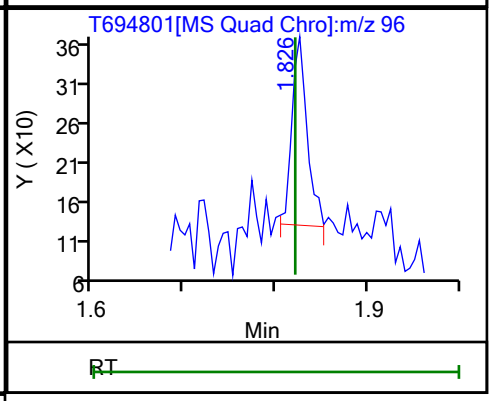
9 Bromomethane, CAS: 74-83-9

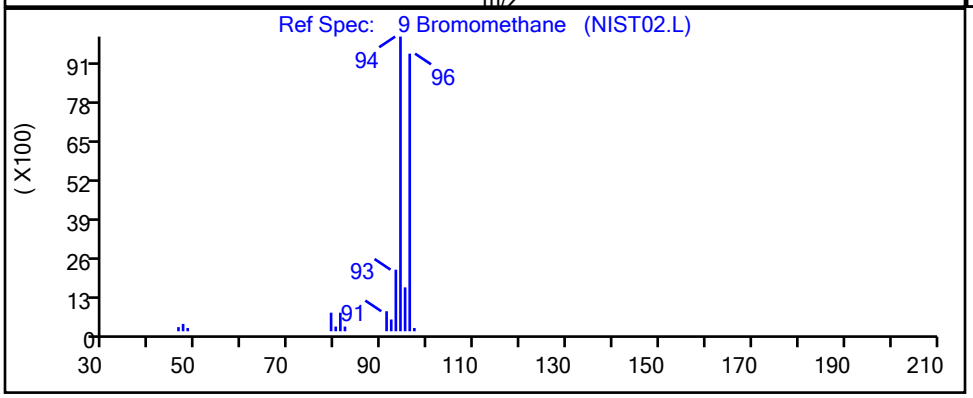
Processing Results











RT	Mass	Response	Amount
1.82	94.00	313	0.343058
1.83	96.00	274	

Reviewer: NN6A, 14-Nov-2025 17:01:52 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

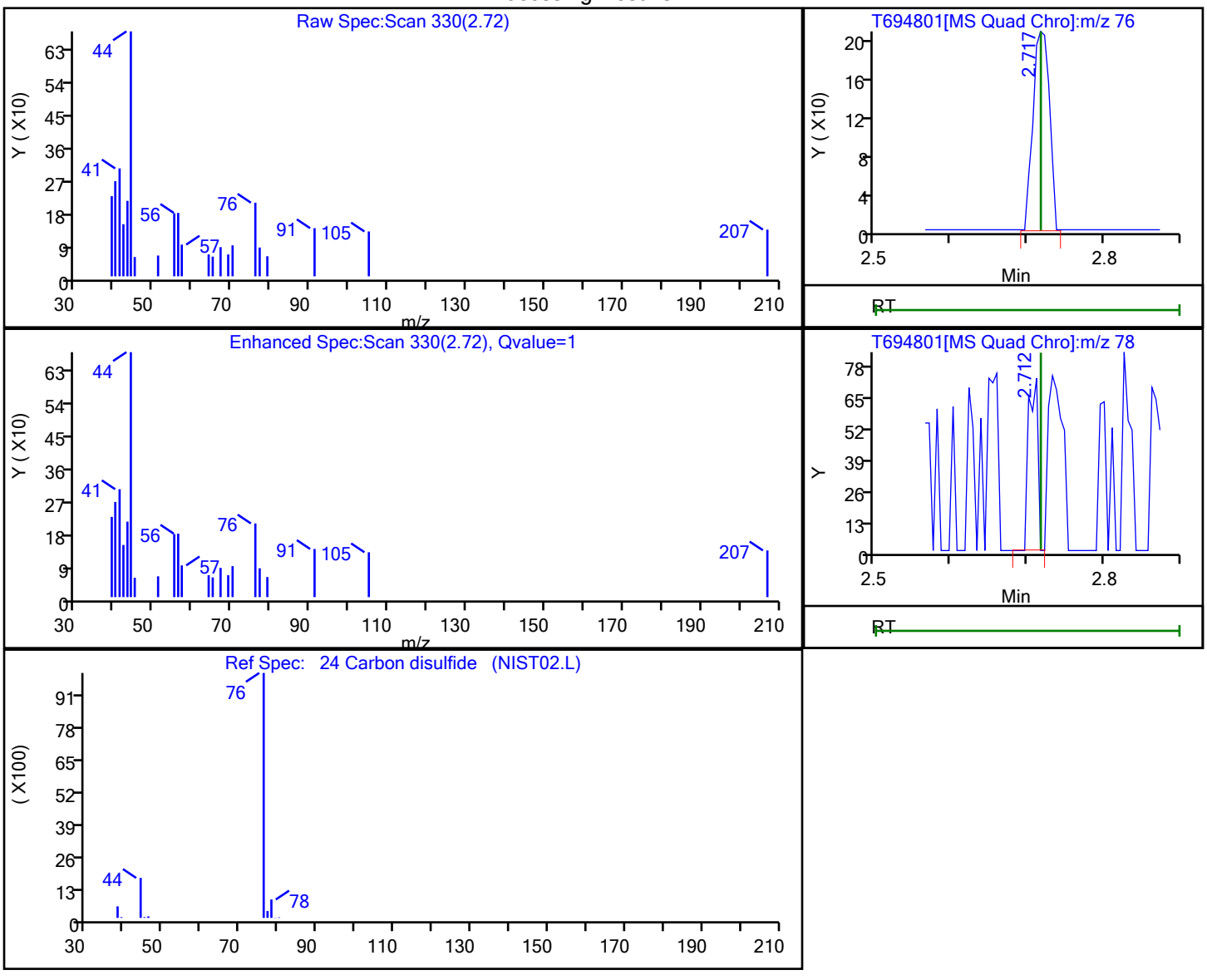
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.72	76.00	304	0.032397
2.71	78.00	62	

Reviewer: NN6A, 14-Nov-2025 17:01:53 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

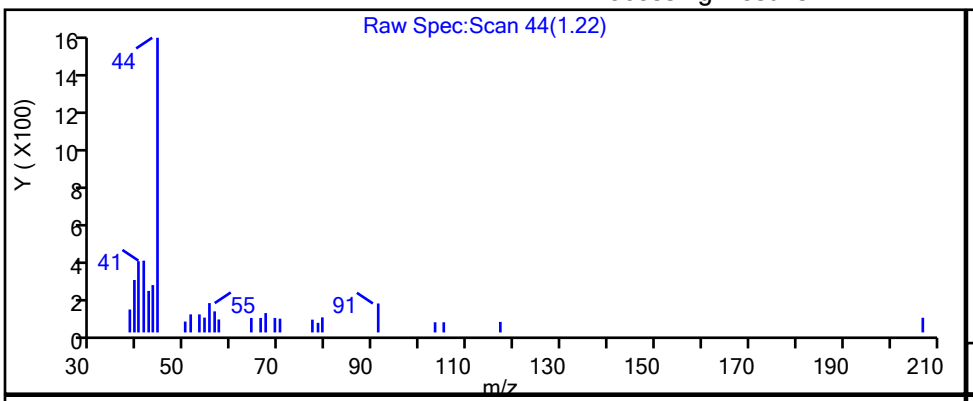
User Disabled Compound Report

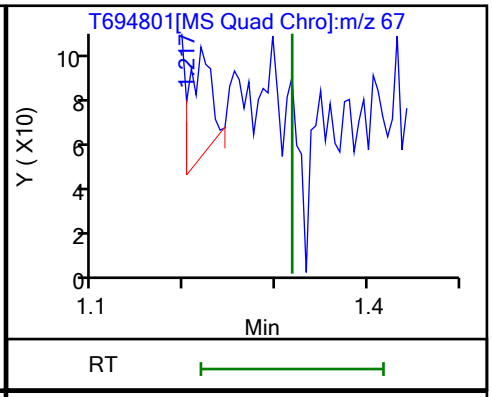
Eurofins Edison

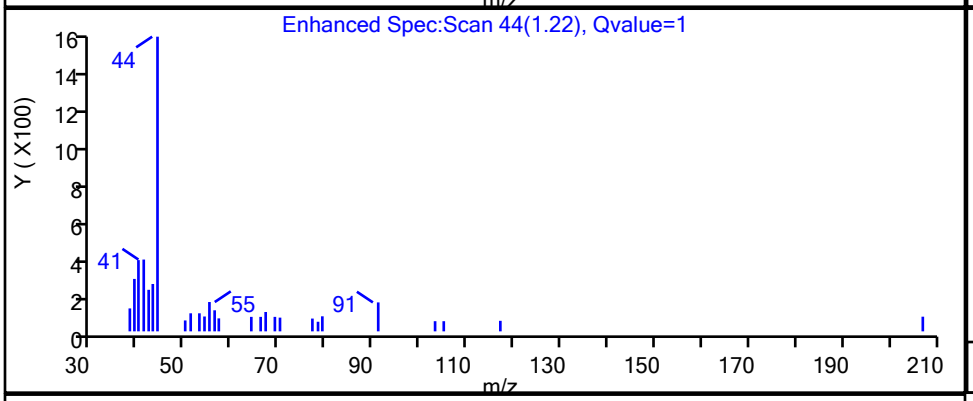
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D				
Injection Date:	10-Nov-2025 08:28:25	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

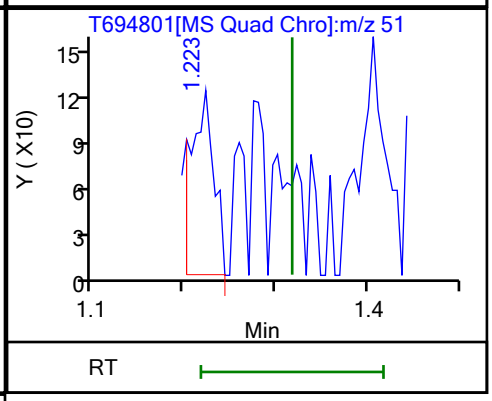
5 Chlorodifluoromethane, CAS: 75-45-6

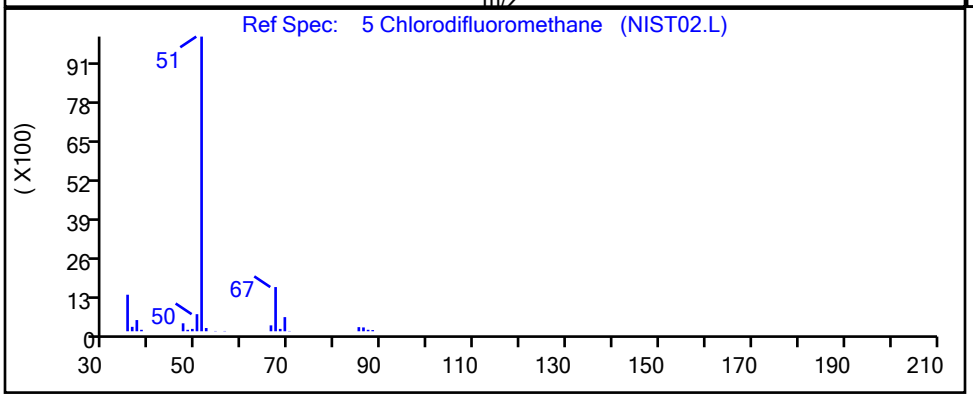
Processing Results











RT	Mass	Response	Amount
1.22	67.00	77	0.104336
1.22	51.00	215	

Reviewer: NN6A, 14-Nov-2025 17:01:44 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

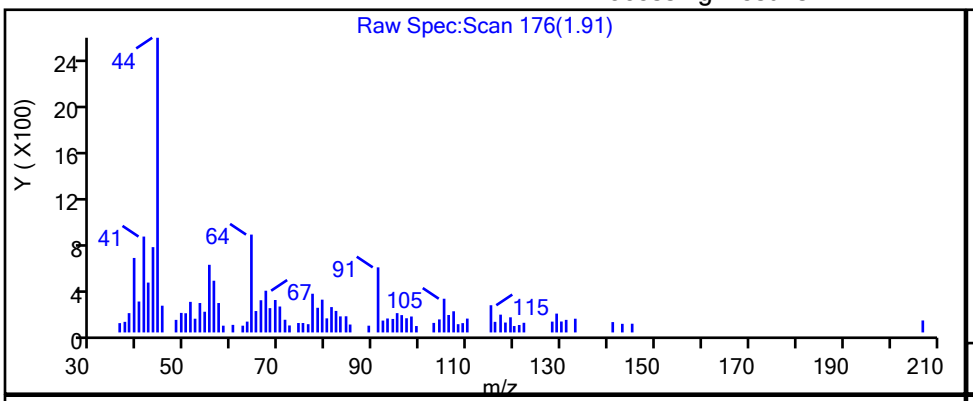
User Disabled Compound Report

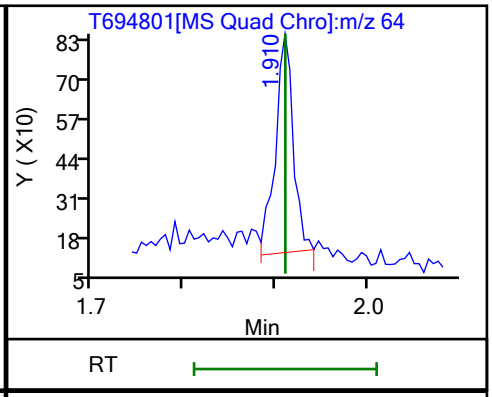
Eurofins Edison

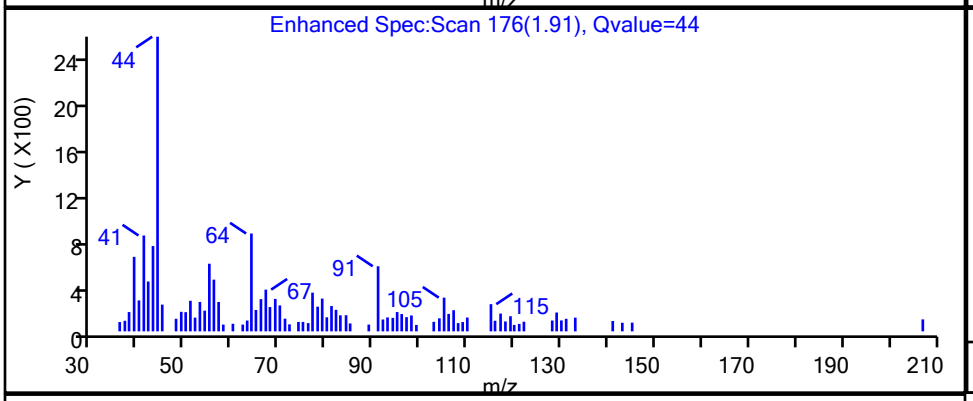
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

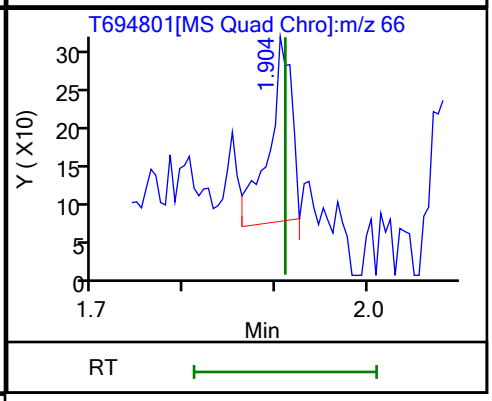
10 Chloroethane, CAS: 75-00-3

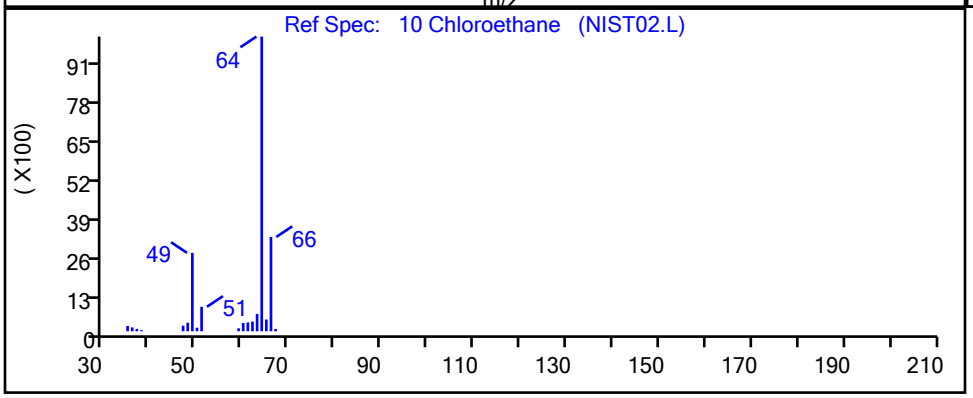
Processing Results











RT	Mass	Response	Amount
1.91	64.00	967	0.617121
1.90	66.00	422	

Reviewer: NN6A, 14-Nov-2025 17:01:52 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

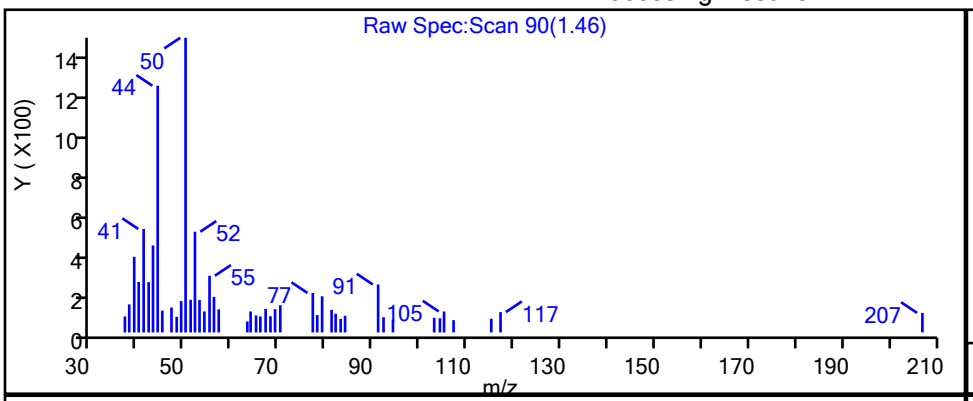
User Disabled Compound Report

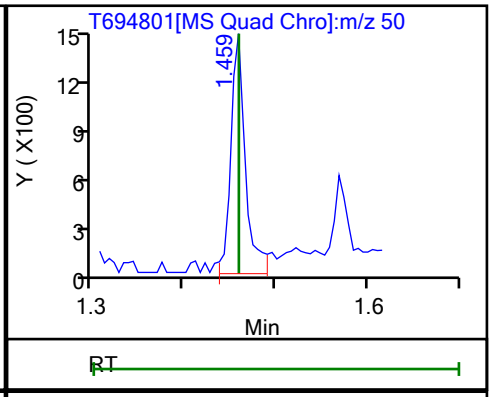
Eurofins Edison

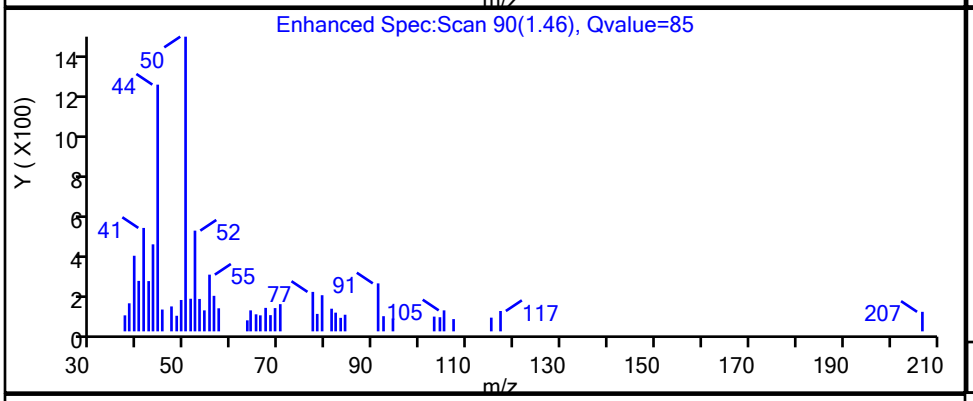
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

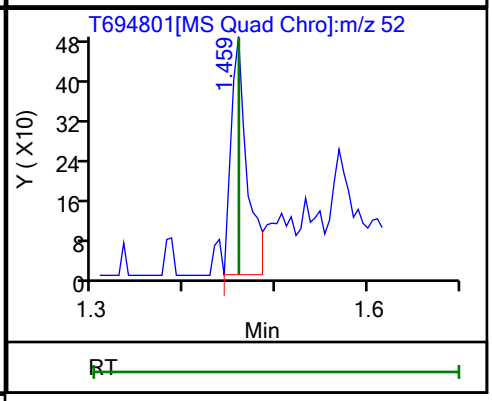
6 Chloromethane, CAS: 74-87-3

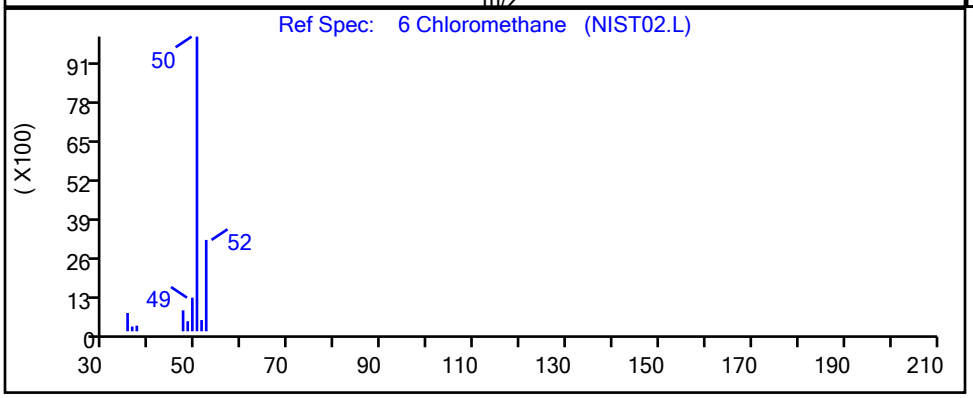
Processing Results











RT	Mass	Response	Amount
1.46	50.00	1557	0.485812
1.46	52.00	591	

Reviewer: NN6A, 14-Nov-2025 17:01:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

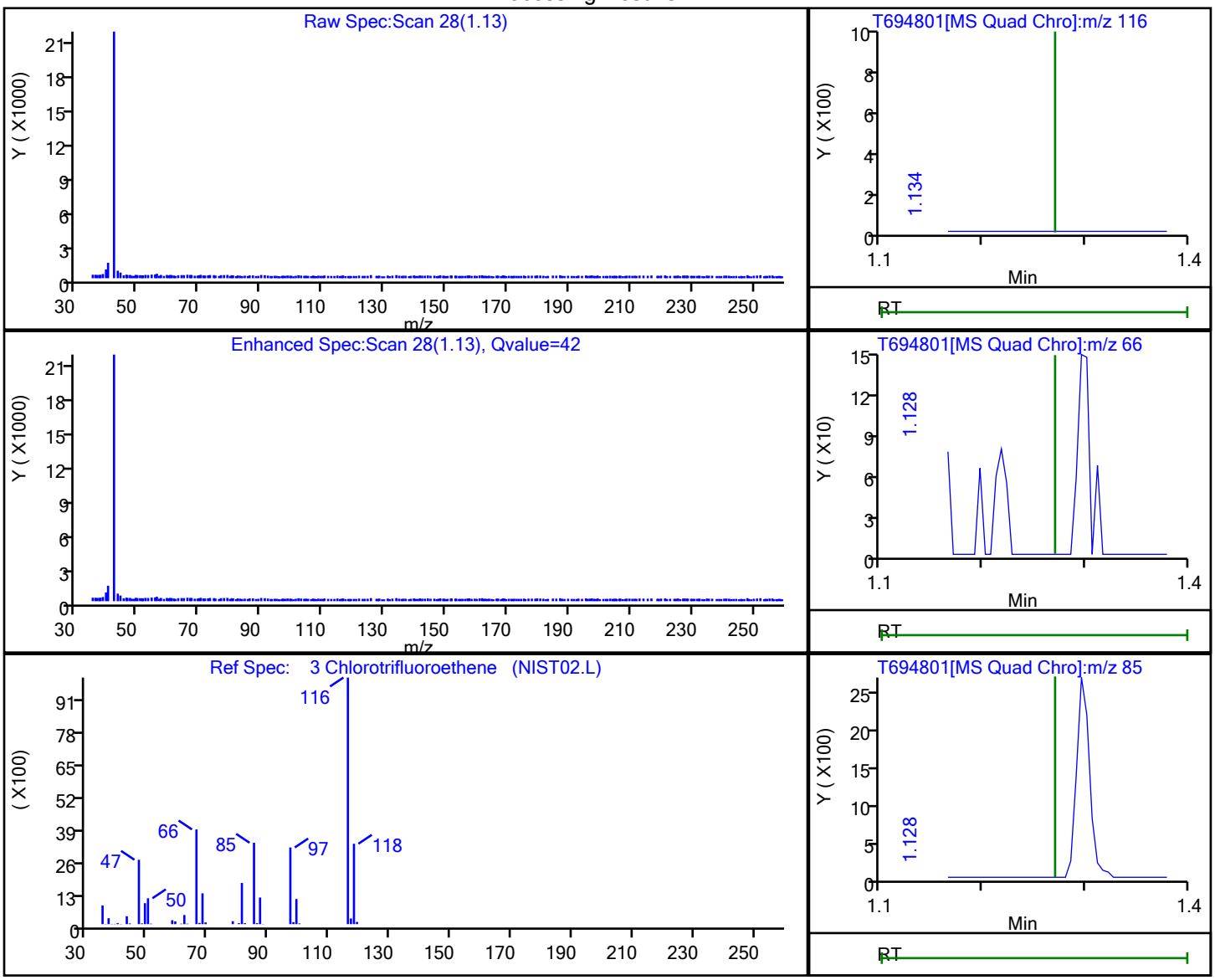
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.13	116.00	417	0.522754
1.13	66.00	367	
1.13	85.00	459	
1.13	118.00	354	

Reviewer: NN6A, 14-Nov-2025 17:01:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

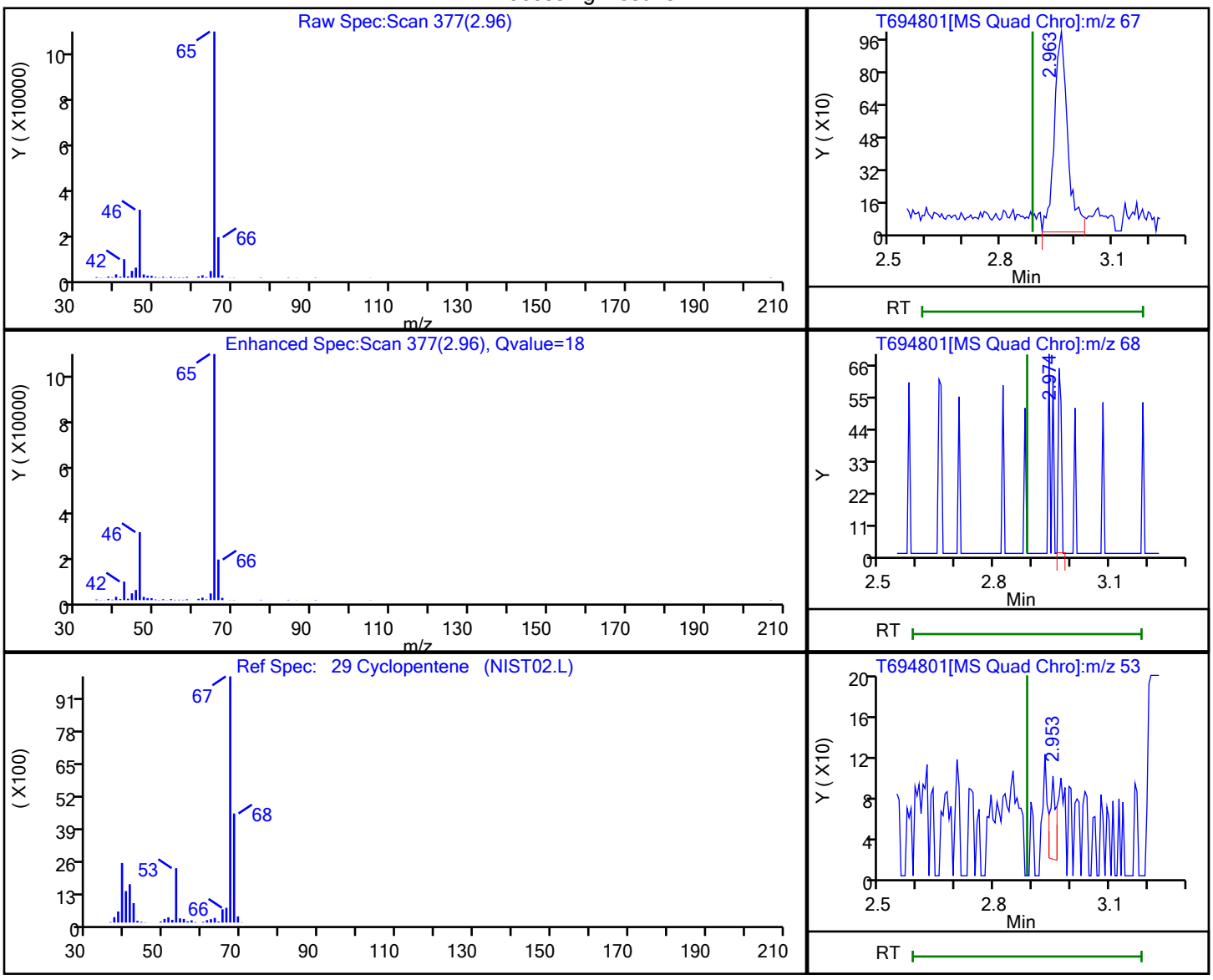
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.96	67.00	2486	0.296316
2.97	68.00	37	
2.95	53.00	85	

Reviewer: NN6A, 14-Nov-2025 17:01:53 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

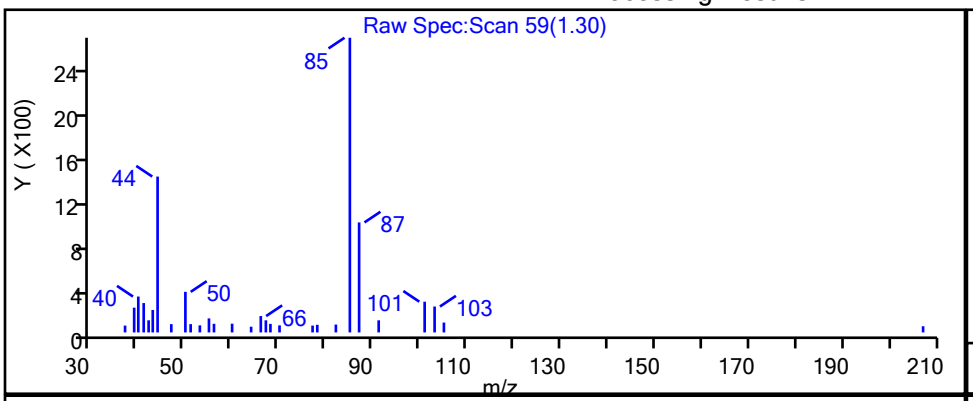
User Disabled Compound Report

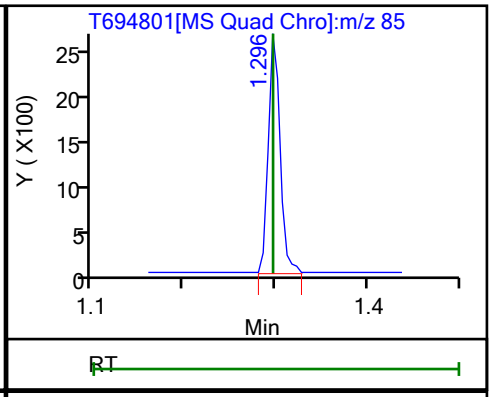
Eurofins Edison

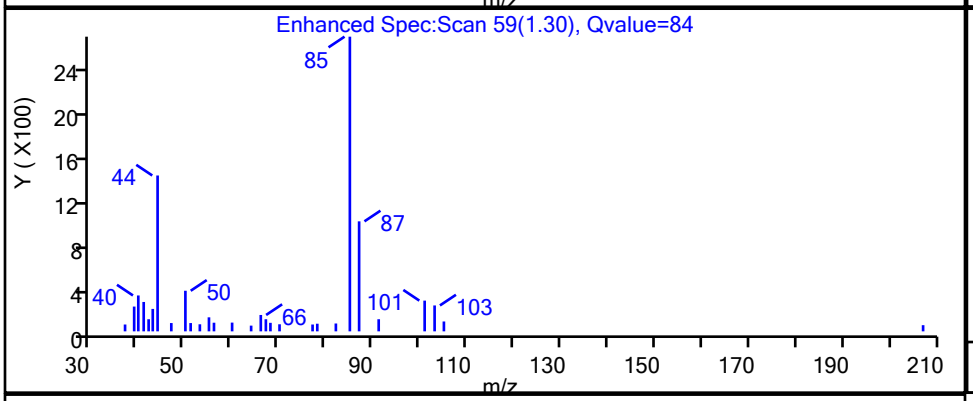
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

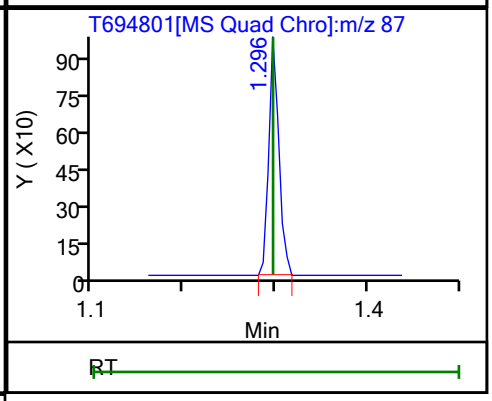
4 Dichlorodifluoromethane, CAS: 75-71-8

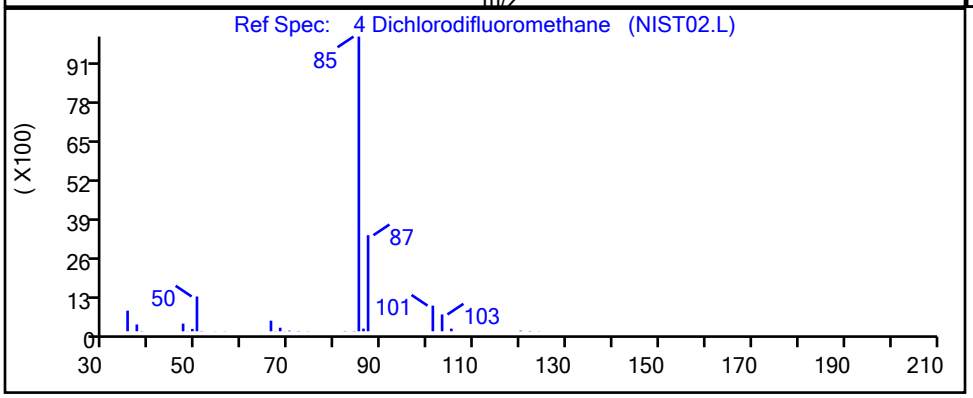
Processing Results











RT	Mass	Response	Amount
1.30	85.00	2337	0.495714
1.30	87.00	754	

Reviewer: NN6A, 14-Nov-2025 17:01:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

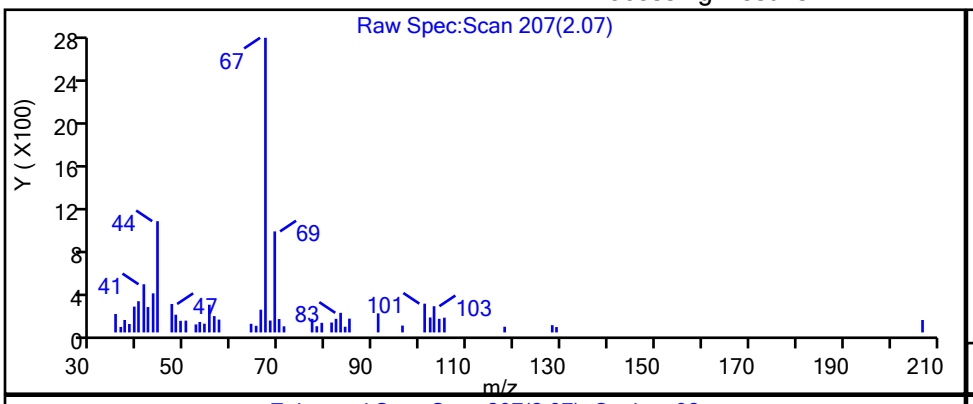
User Disabled Compound Report

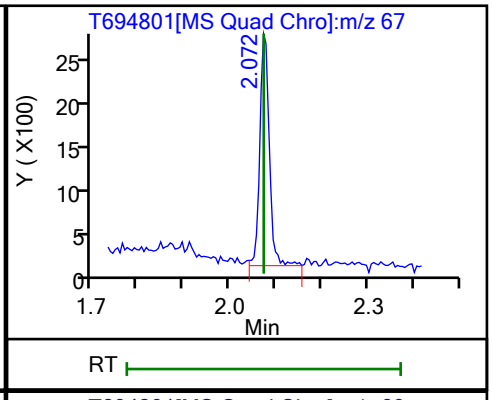
Eurofins Edison

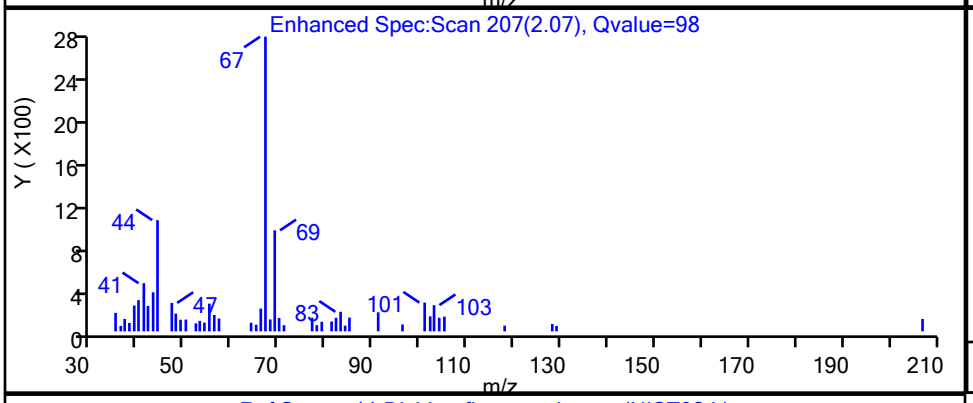
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

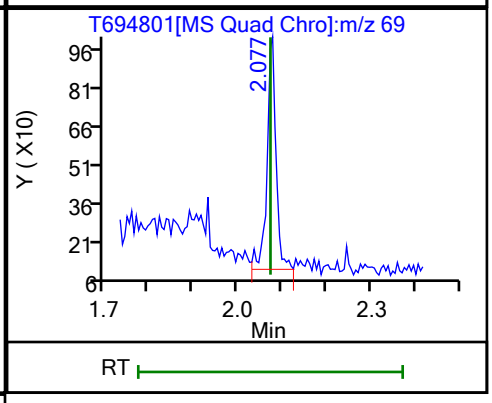
11 Dichlorofluoromethane, CAS: 75-43-4

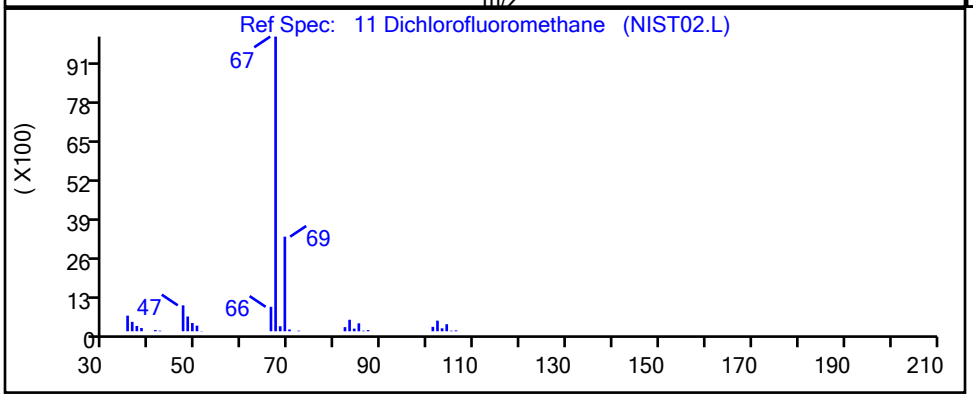
Processing Results











RT	Mass	Response	Amount
2.07	67.00	3923	0.480045
2.08	69.00	1291	

Reviewer: NN6A, 14-Nov-2025 17:01:52 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

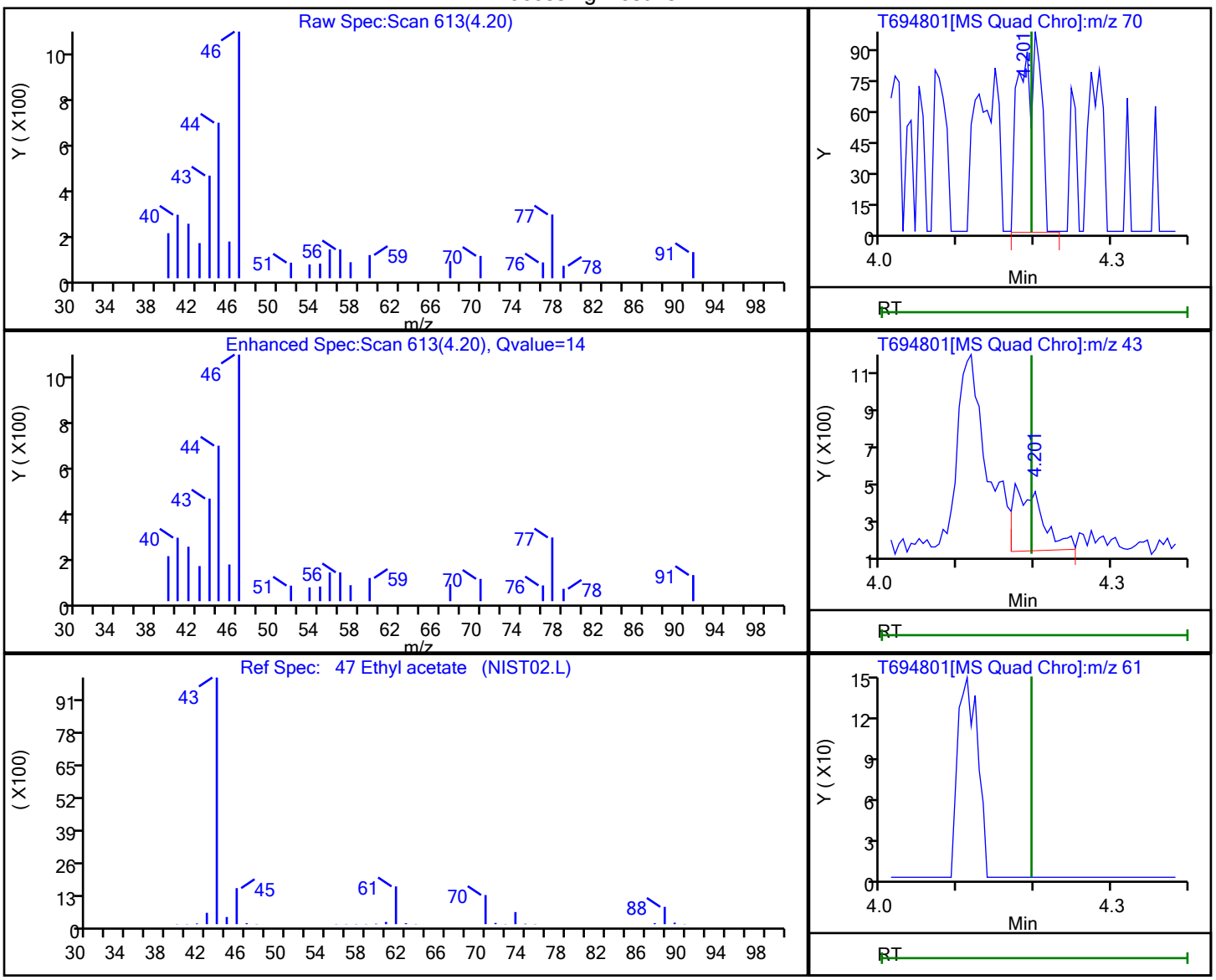
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.20	70.00	191	0.670872
4.20	43.00	850	
4.20	61.00	0	

Reviewer: NN6A, 14-Nov-2025 17:02:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

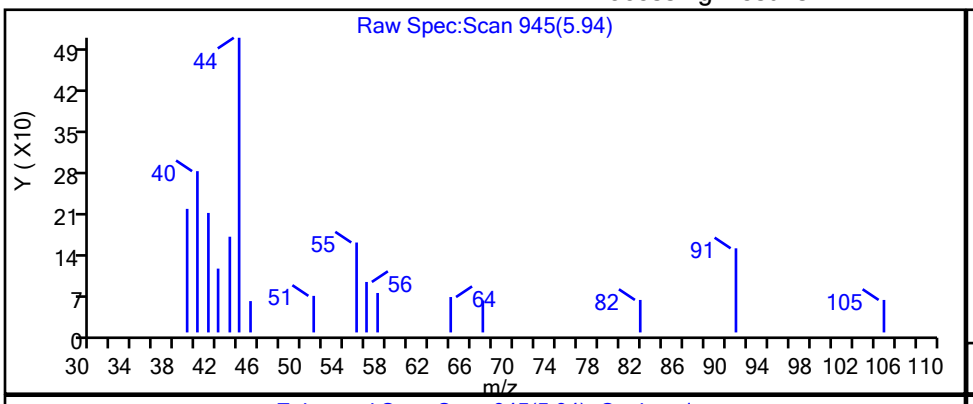
User Disabled Compound Report

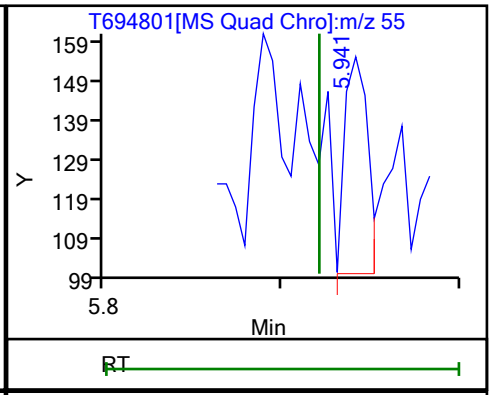
Eurofins Edison

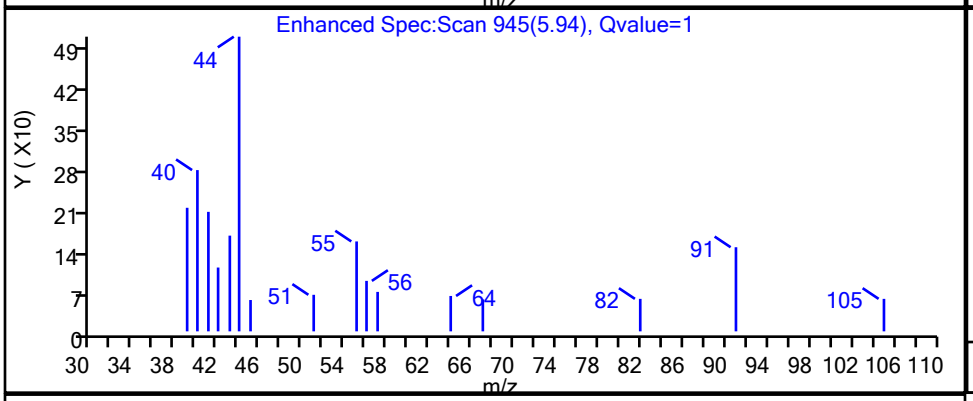
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

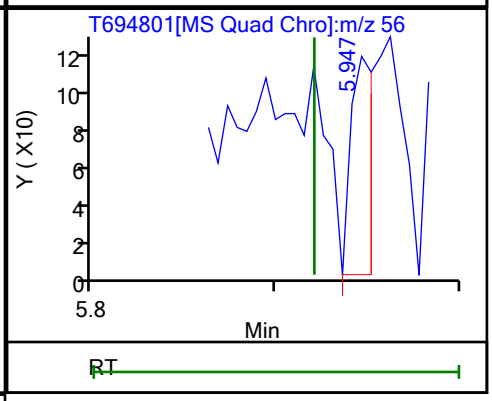
69 Ethyl acrylate, CAS: 140-88-5

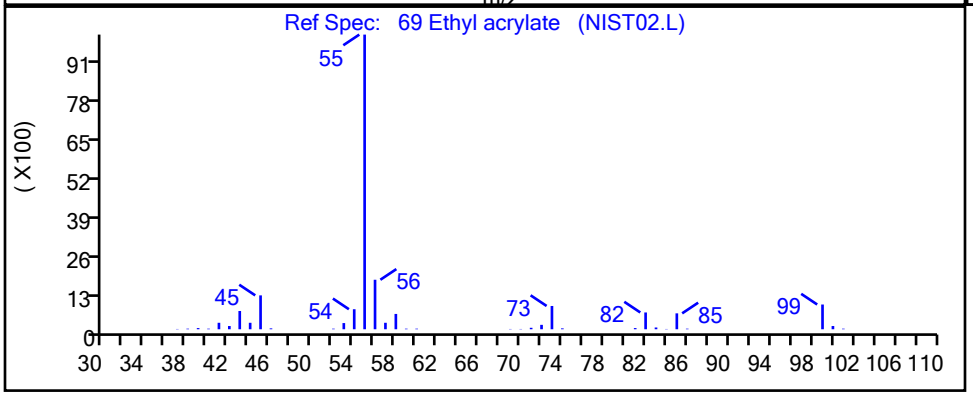
Processing Results











RT	Mass	Response	Amount
5.94	55.00	51	0.007592
5.95	56.00	95	

Reviewer: NN6A, 14-Nov-2025 17:02:10 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

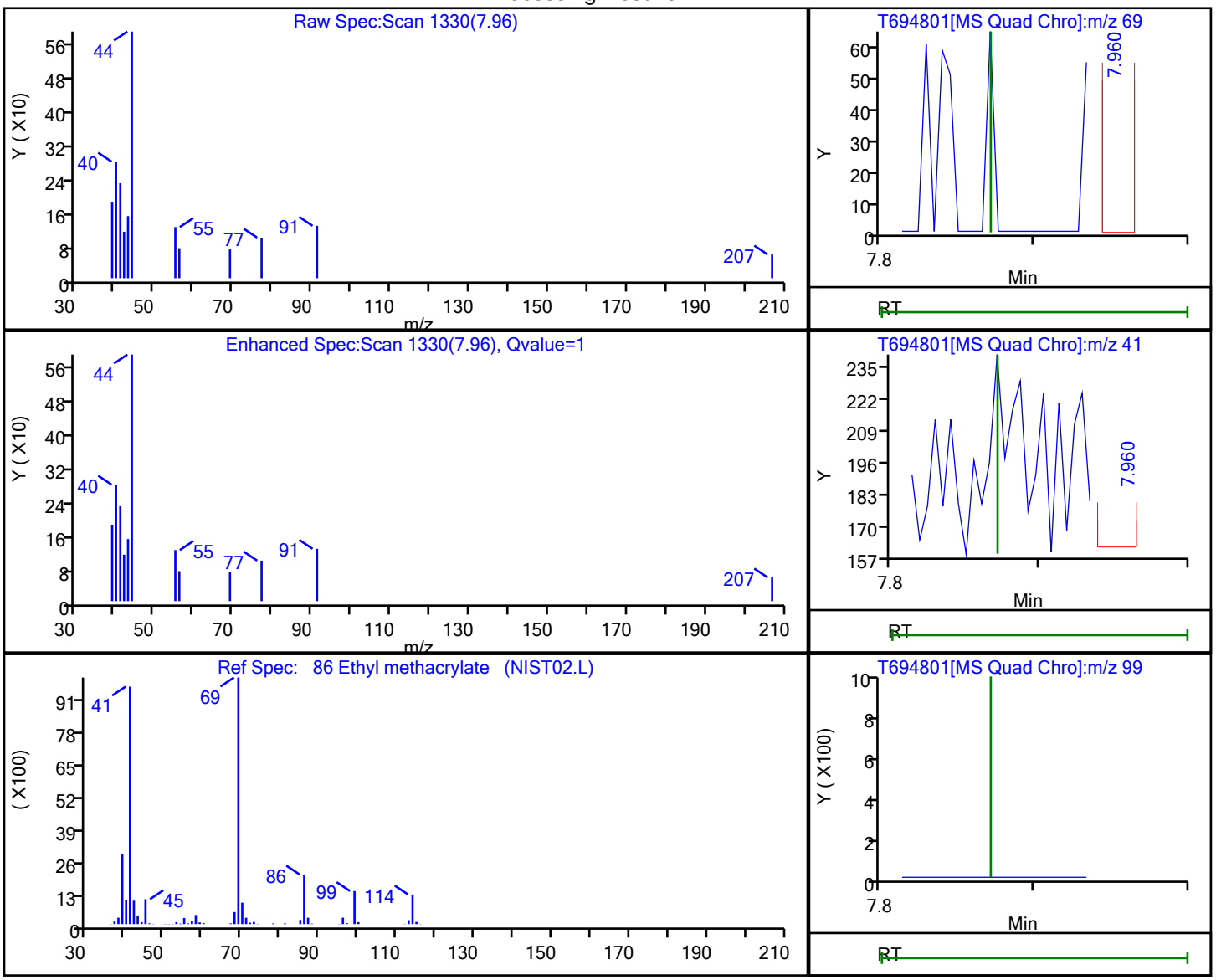
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
7.96	69.00	56	0.015393
7.96	41.00	66	
7.87	99.00	0	

Reviewer: NN6A, 14-Nov-2025 17:02:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

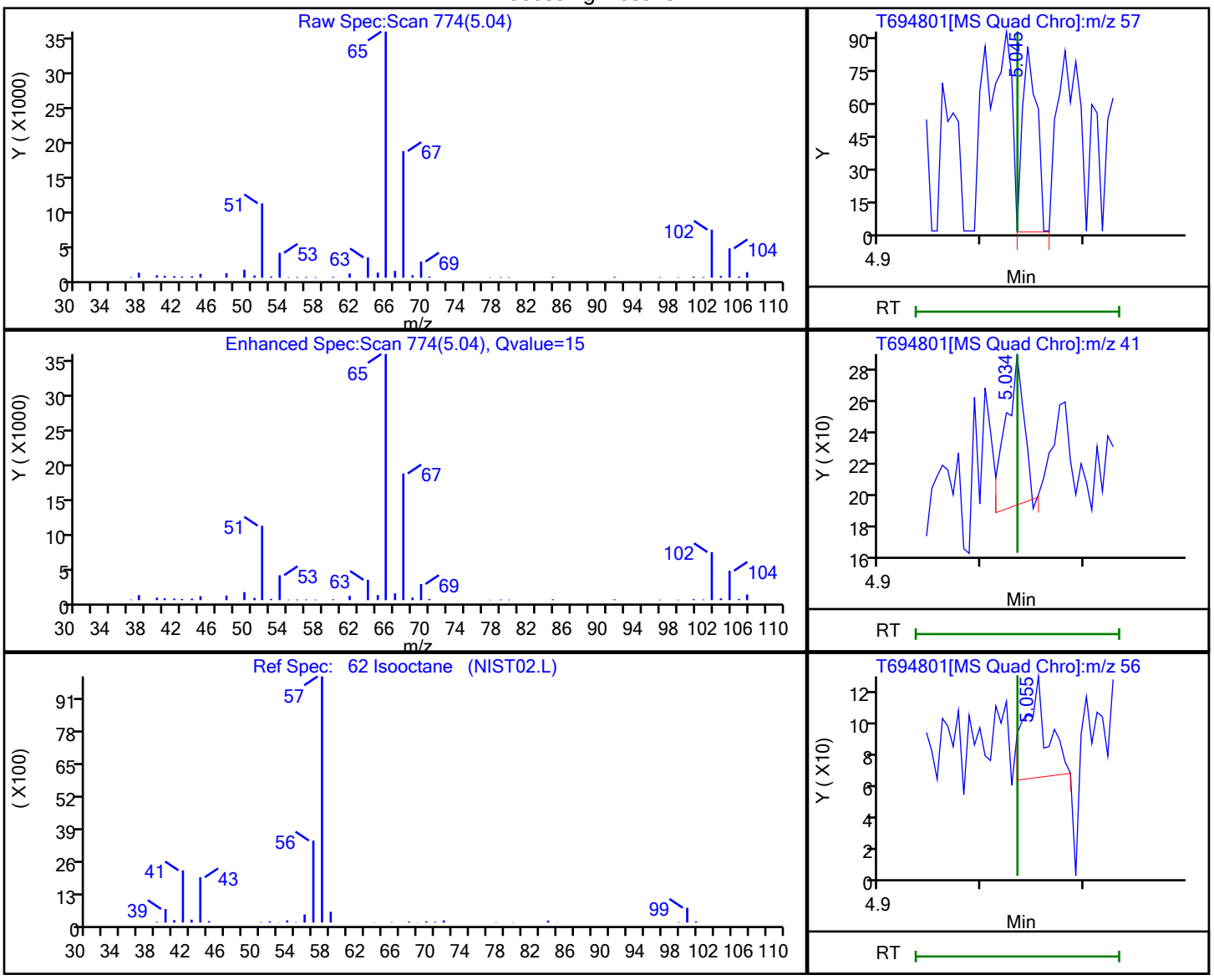
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
5.04	57.00	83	0.009169
5.03	41.00	118	
5.06	56.00	98	

Reviewer: NN6A, 14-Nov-2025 17:02:10 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

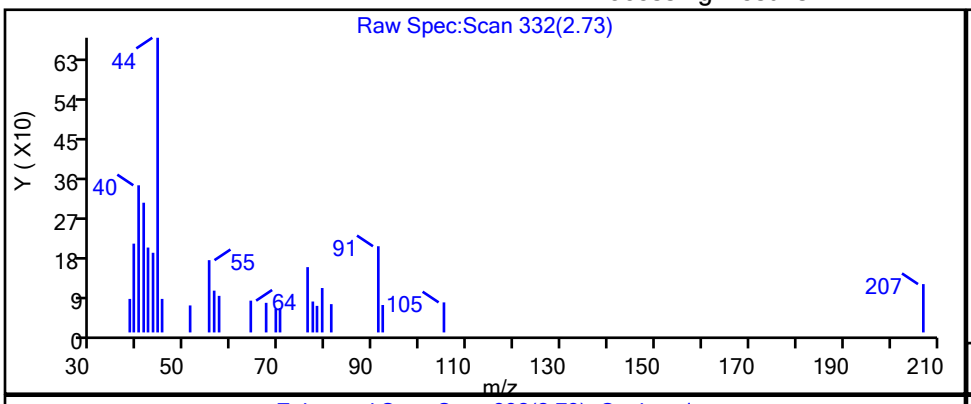
User Disabled Compound Report

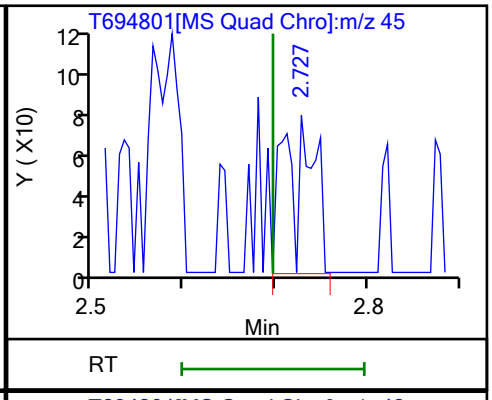
Eurofins Edison

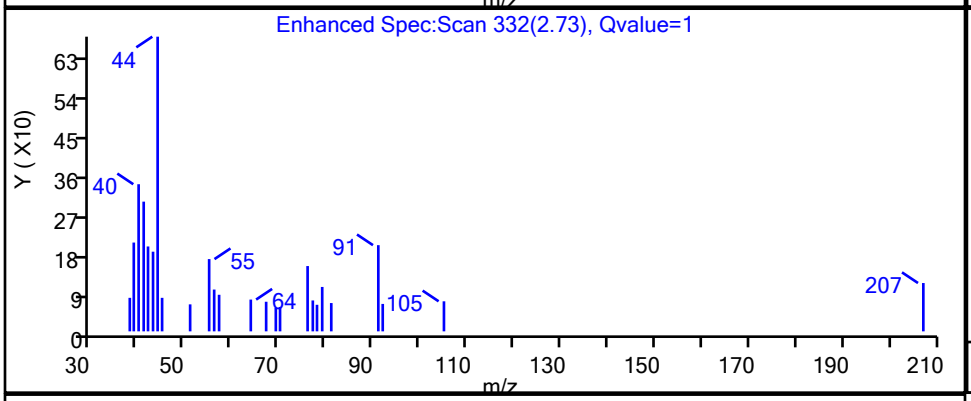
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

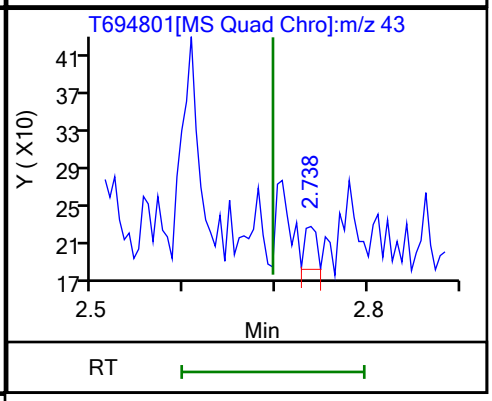
25 Isopropyl alcohol, CAS: 67-63-0

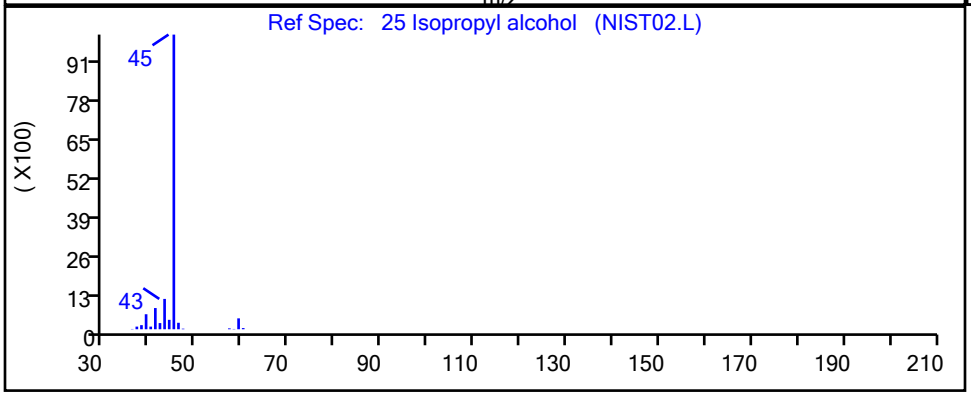
Processing Results











RT	Mass	Response	Amount
2.73	45.00	172	1.284334
2.74	43.00	40	

Reviewer: NN6A, 14-Nov-2025 17:01:53 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

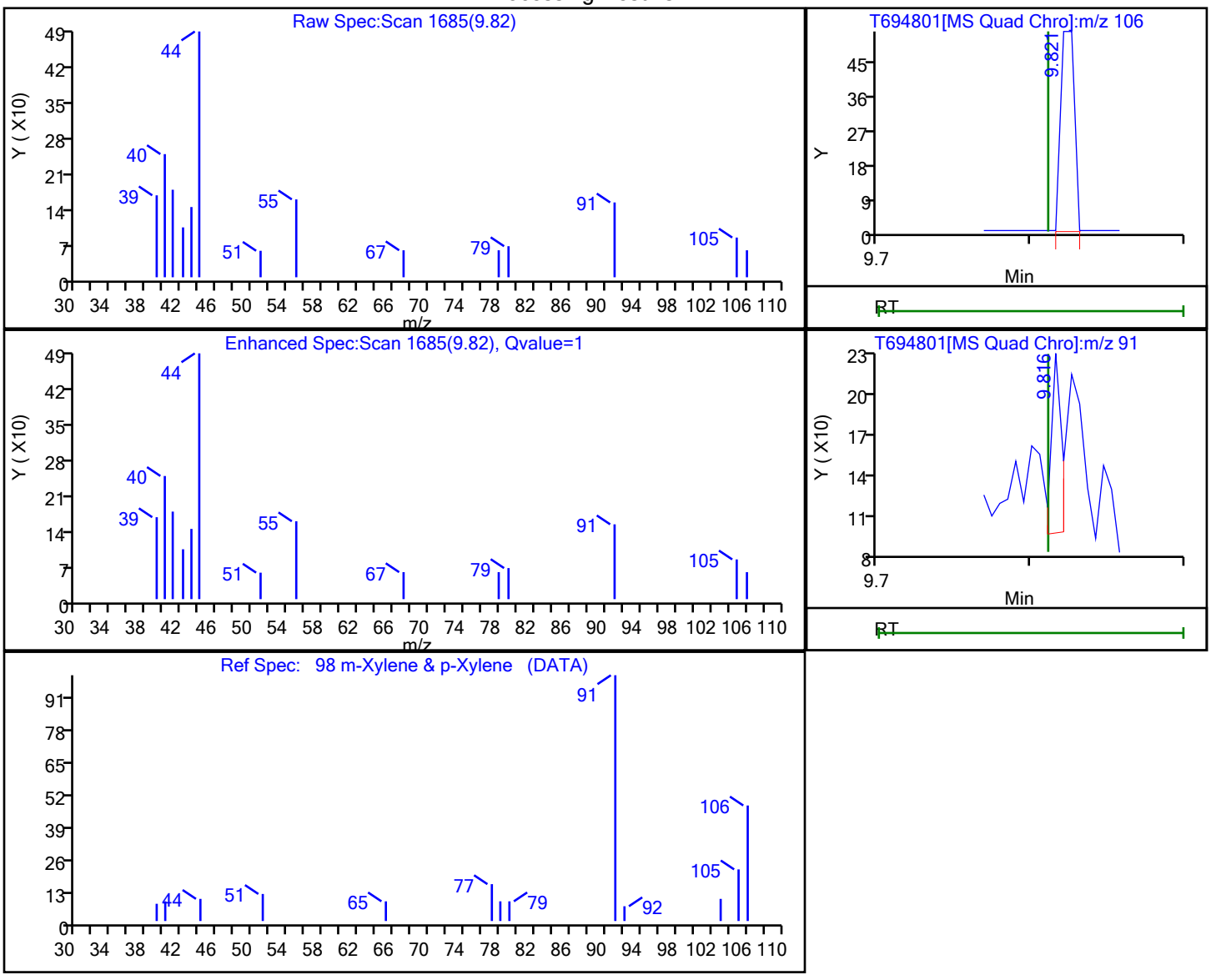
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
9.82	106.00	33	0.005028
9.82	91.00	62	

Reviewer: NN6A, 14-Nov-2025 17:02:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

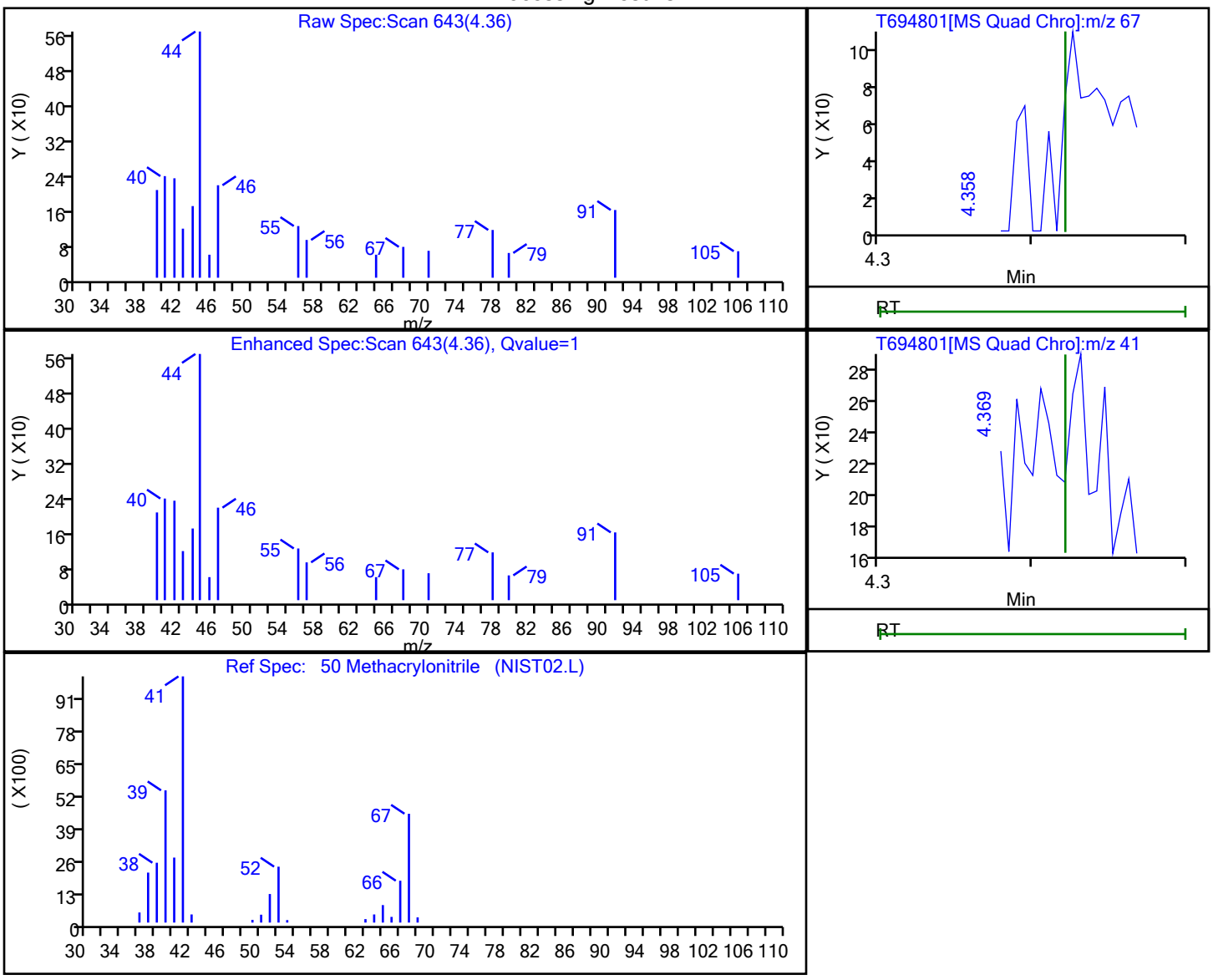
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
4.36	67.00	42	0.040774
4.37	41.00	59	

Reviewer: NN6A, 14-Nov-2025 17:02:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

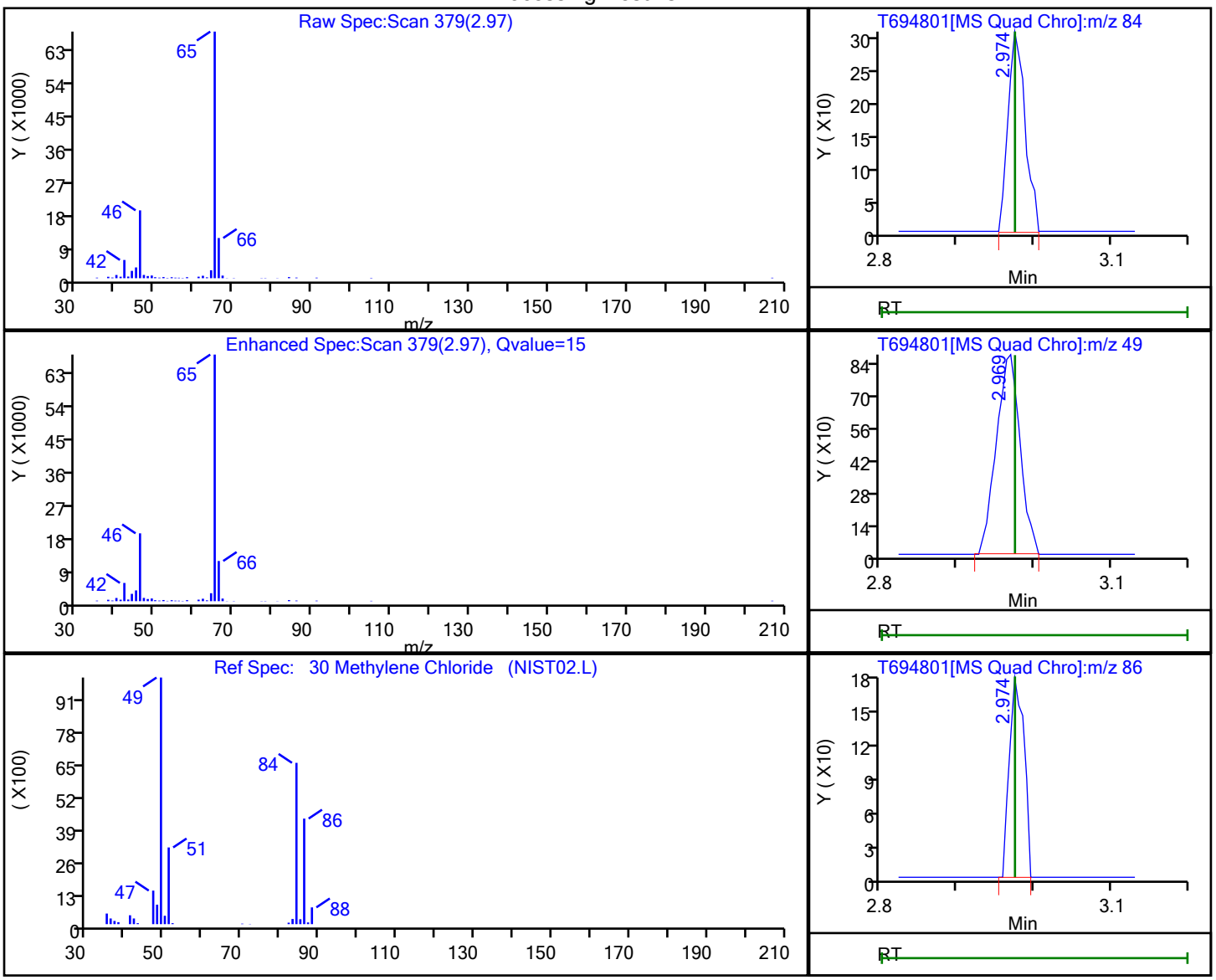
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.97	84.00	470	0.044952
2.97	49.00	1882	
2.97	86.00	231	

Reviewer: NN6A, 14-Nov-2025 17:01:53 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

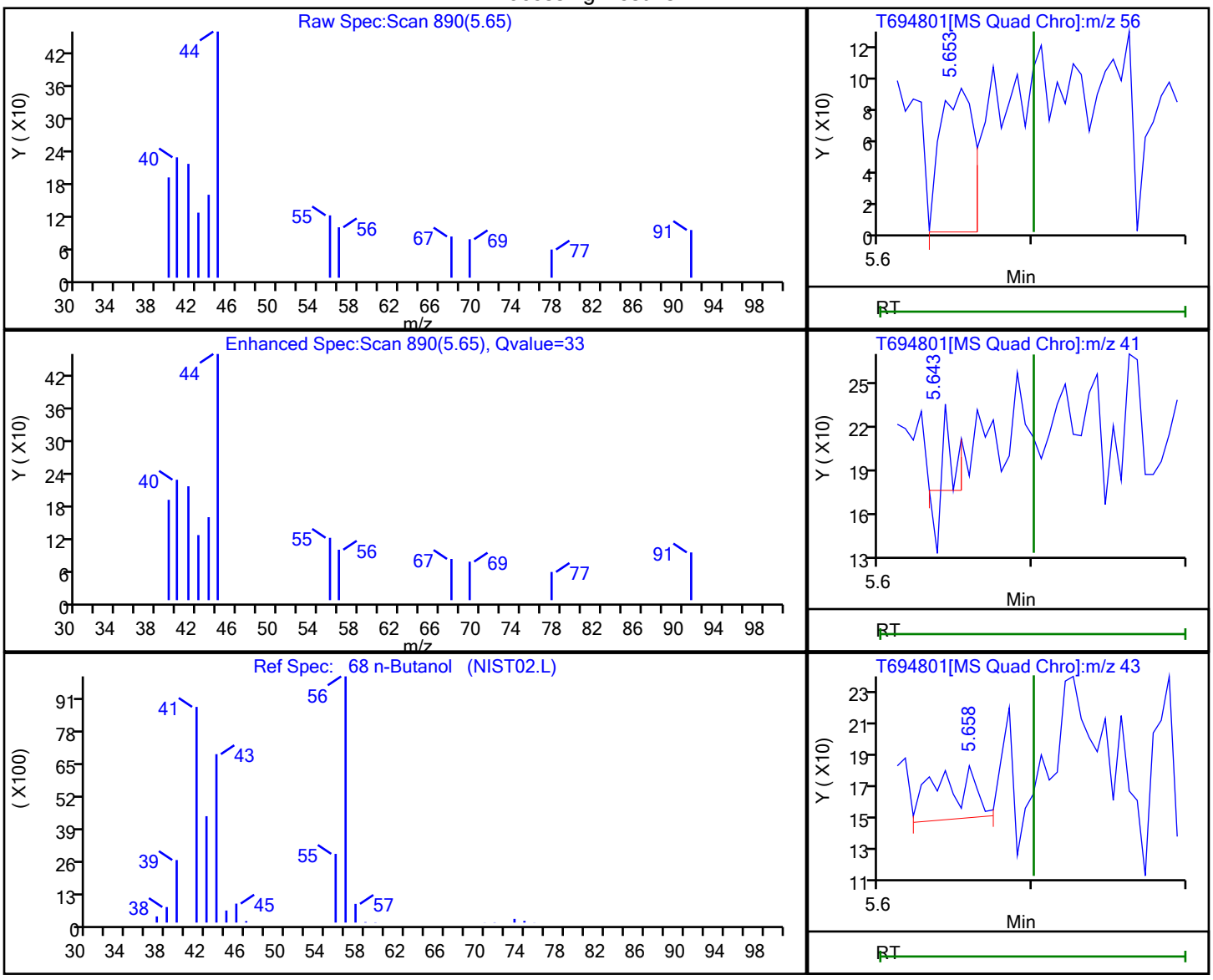
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
5.65	56.00	142	2.636490
5.64	41.00	16	
5.66	43.00	59	

Reviewer: NN6A, 14-Nov-2025 17:02:10 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

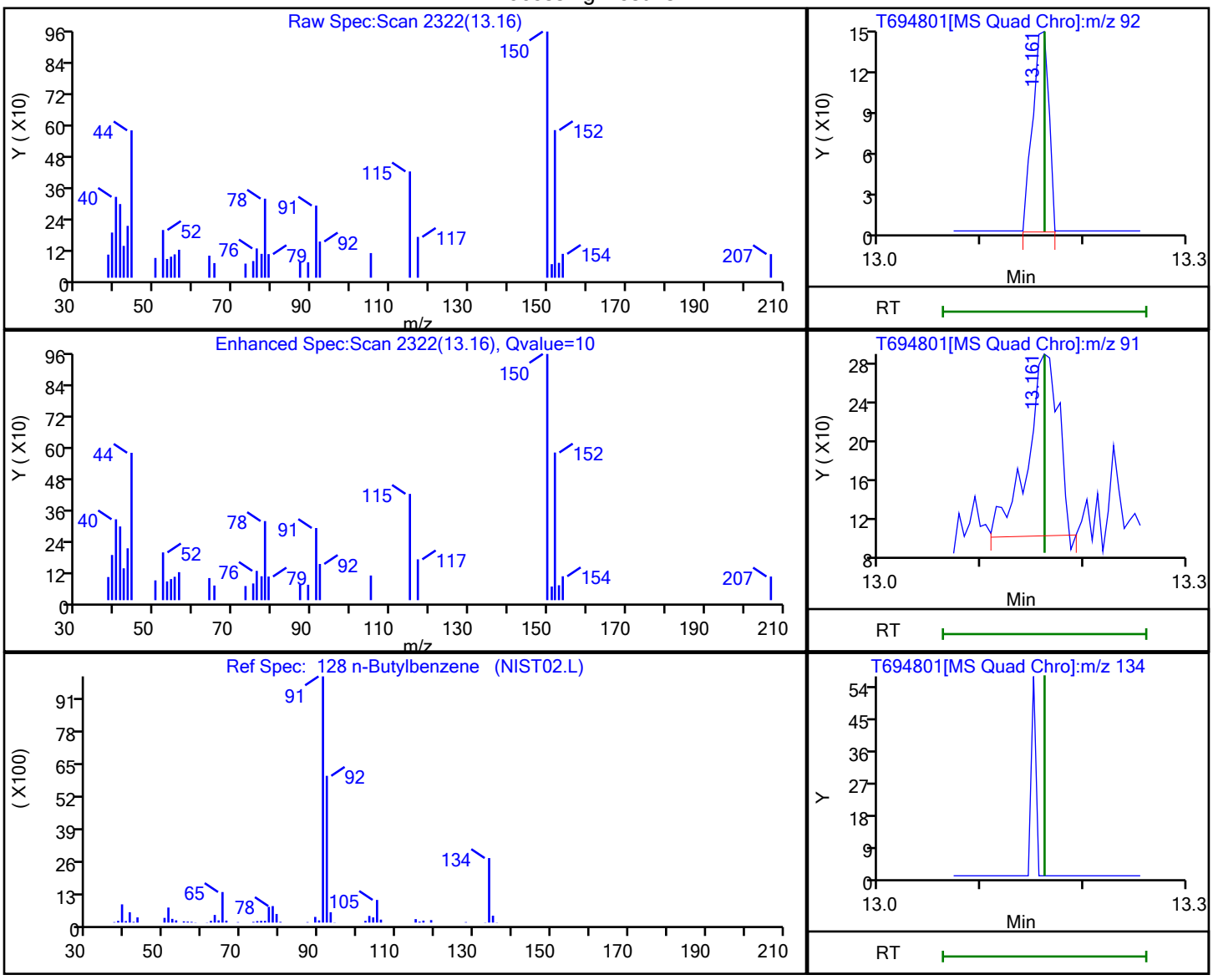
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
13.16	92.00	155	0.025202
13.16	91.00	382	
13.16	134.00	0	

Reviewer: NN6A, 14-Nov-2025 17:02:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

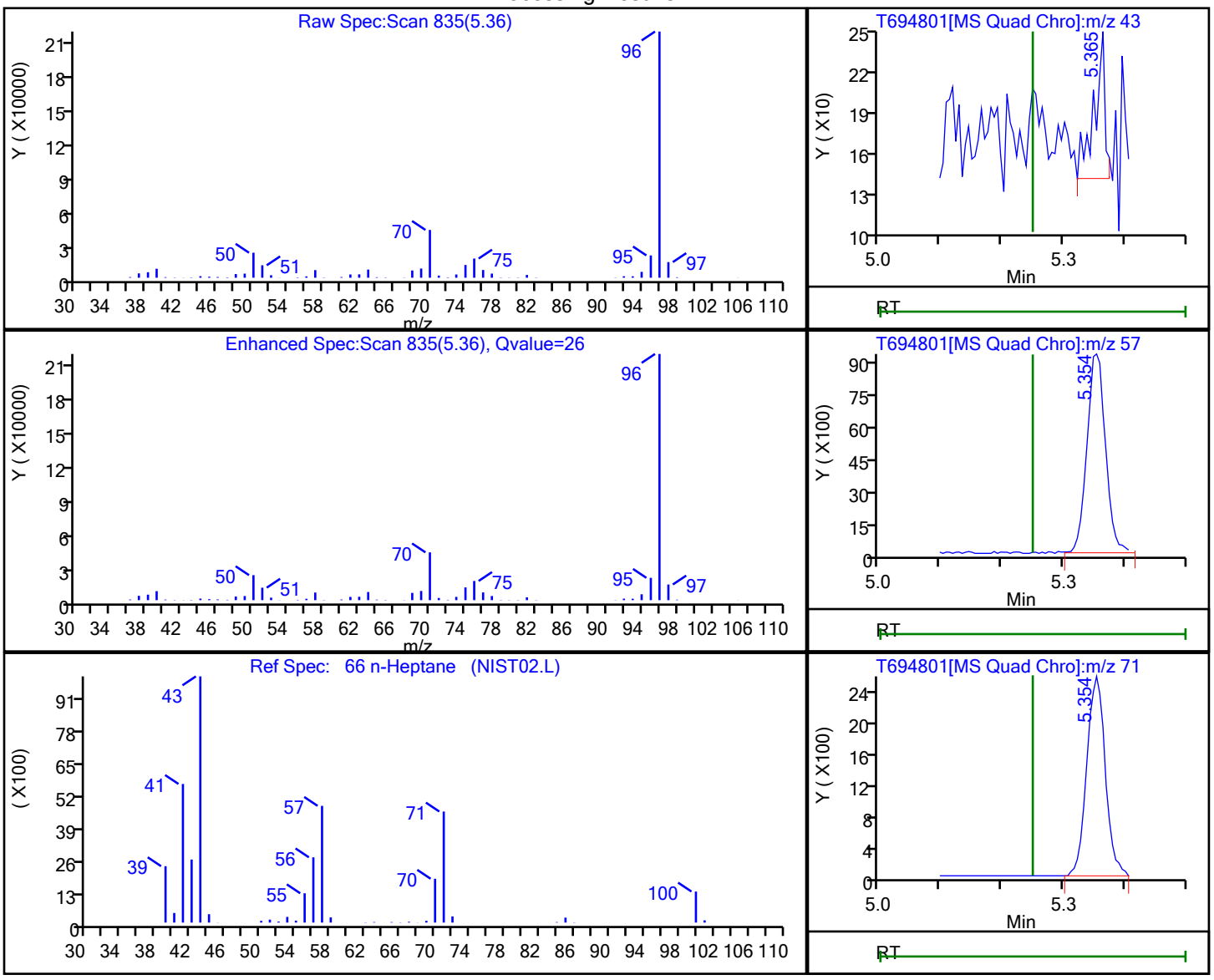
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.36	43.00	134	1.933185
5.35	57.00	20084	
5.35	71.00	5314	

Reviewer: NN6A, 14-Nov-2025 17:02:10 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

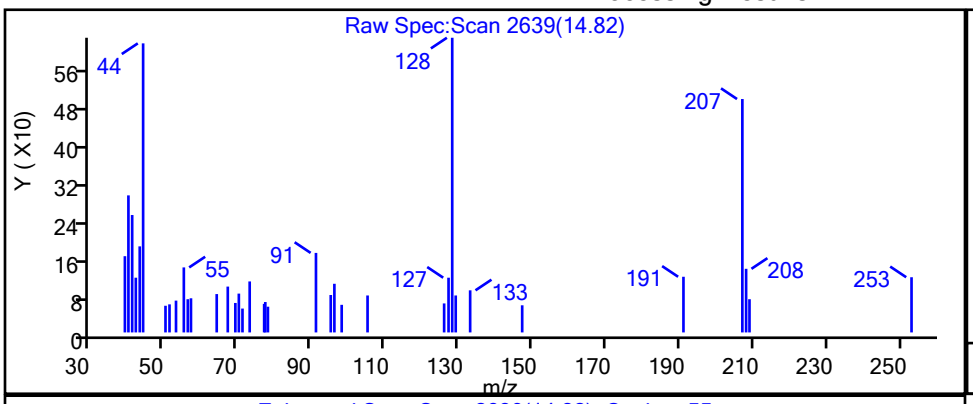
User Disabled Compound Report

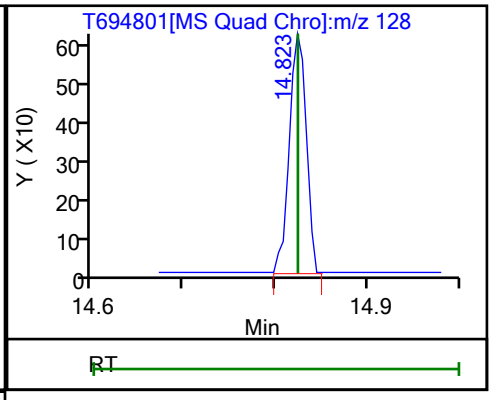
Eurofins Edison

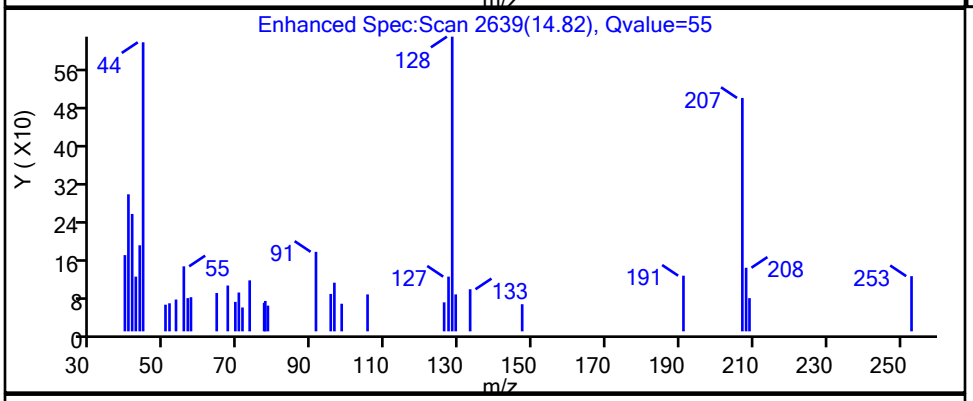
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

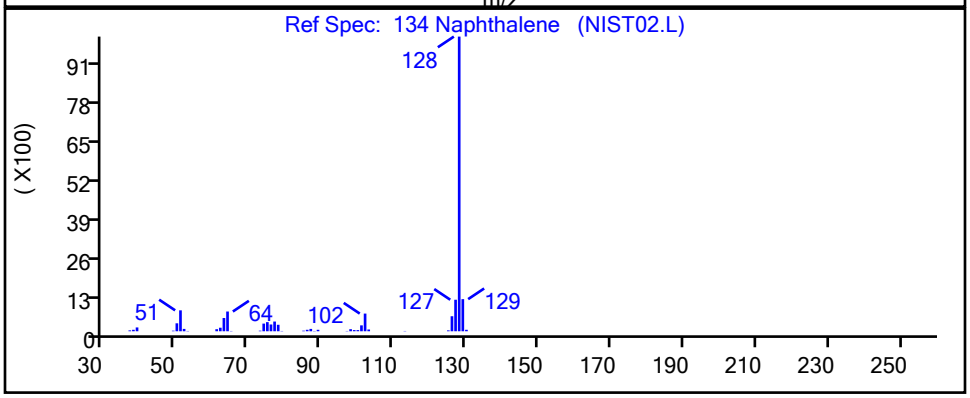
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
14.82	128.00	807	0.118301

Reviewer: NN6A, 14-Nov-2025 17:02:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

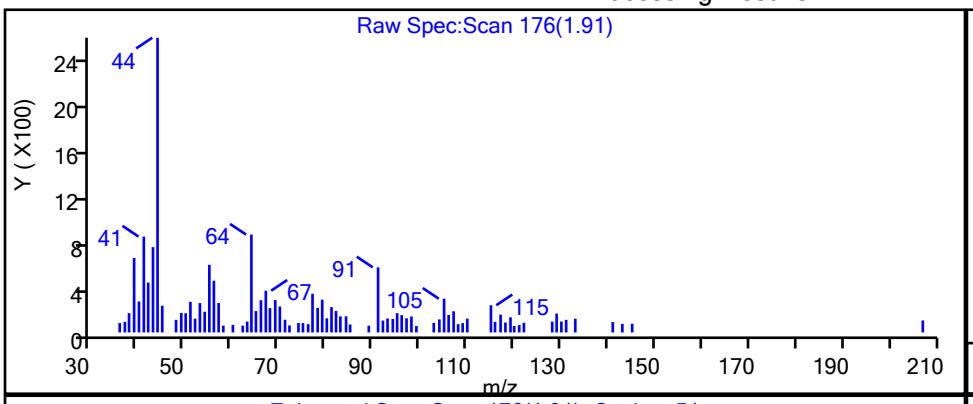
User Disabled Compound Report

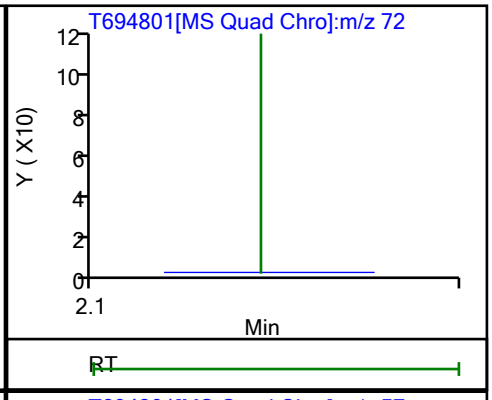
Eurofins Edison

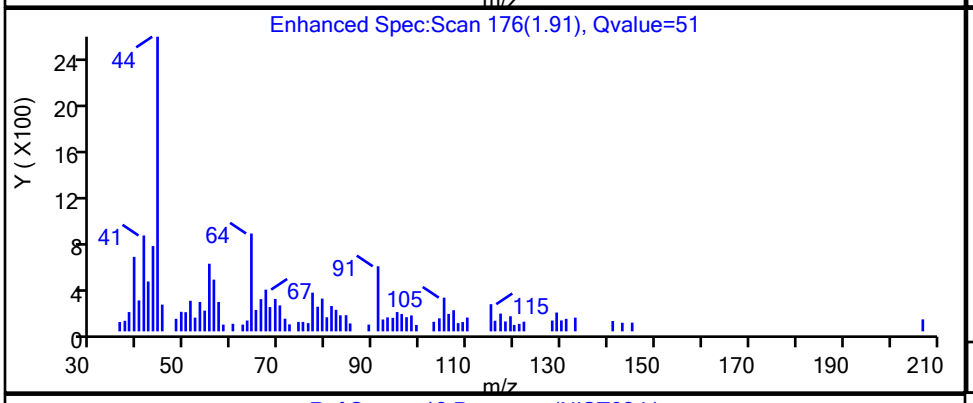
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

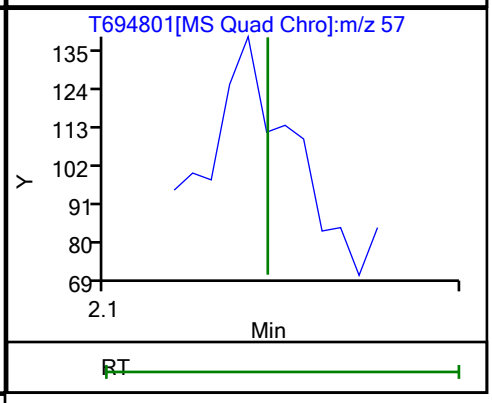
13 Pentane, CAS: 109-66-0

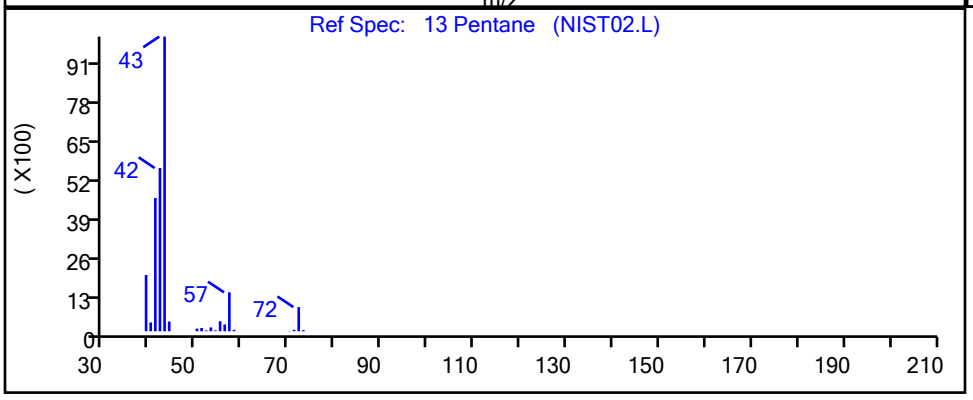
Processing Results











RT	Mass	Response	Amount
1.91	72.00	19	0.042410
1.90	57.00	511	

Reviewer: NN6A, 14-Nov-2025 17:01:52 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

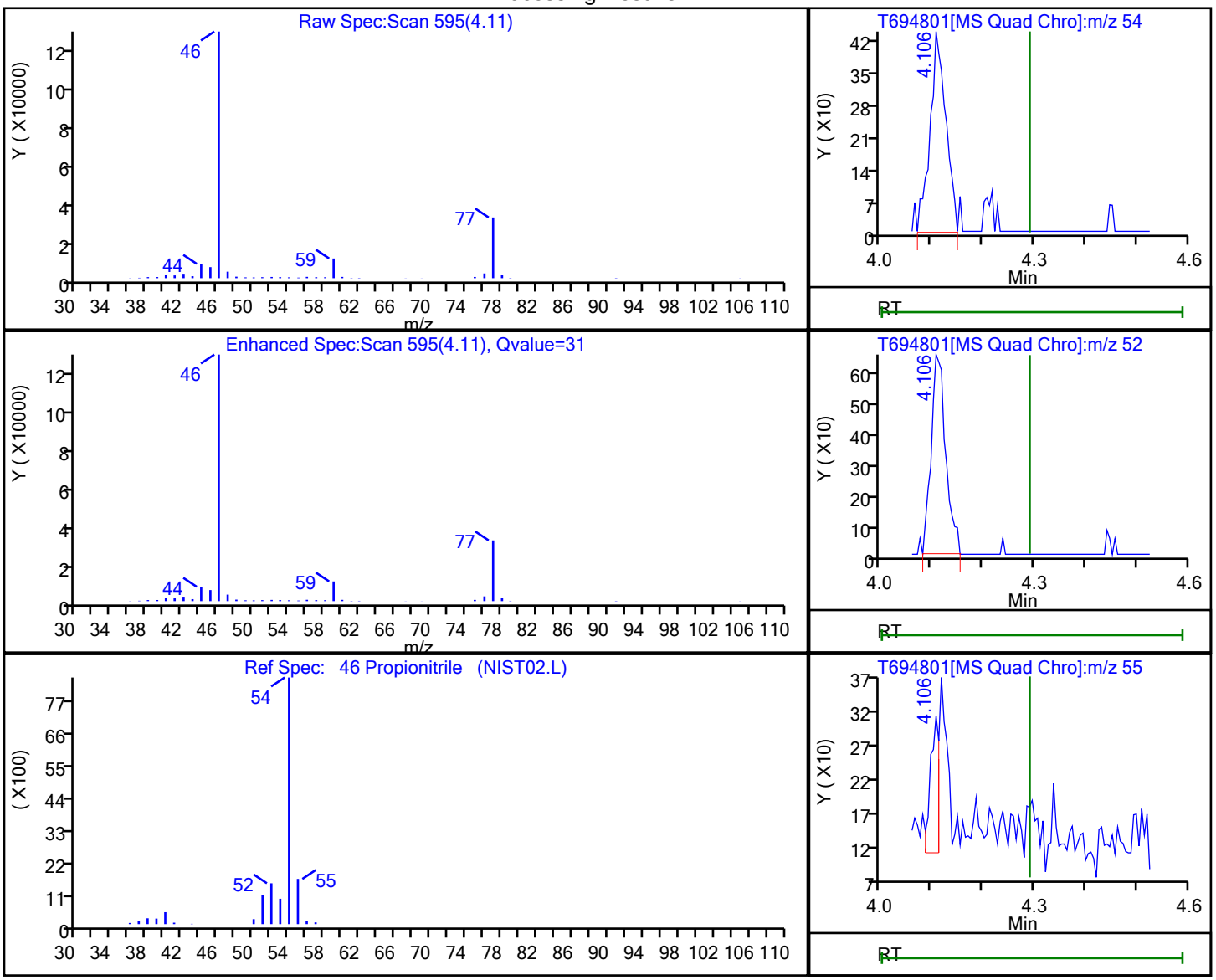
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.11	54.00	936	2.761227
4.11	52.00	1299	
4.11	55.00	233	

Reviewer: NN6A, 14-Nov-2025 17:02:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

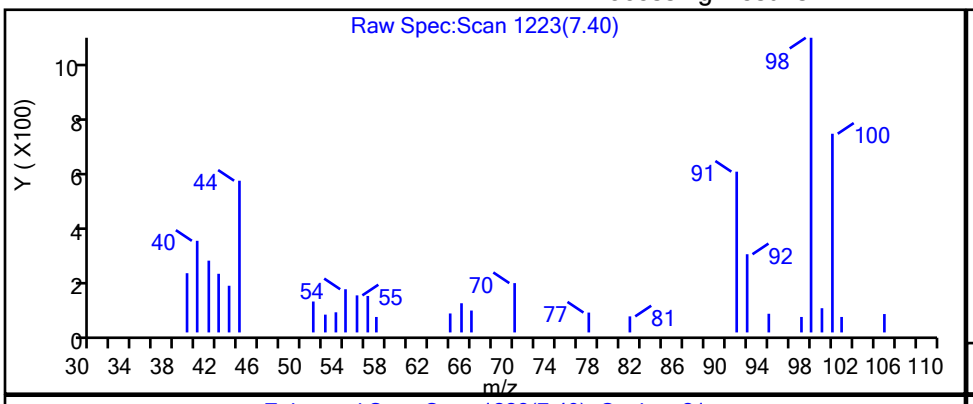
User Disabled Compound Report

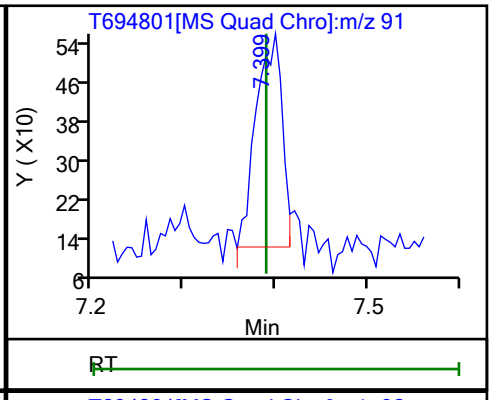
Eurofins Edison

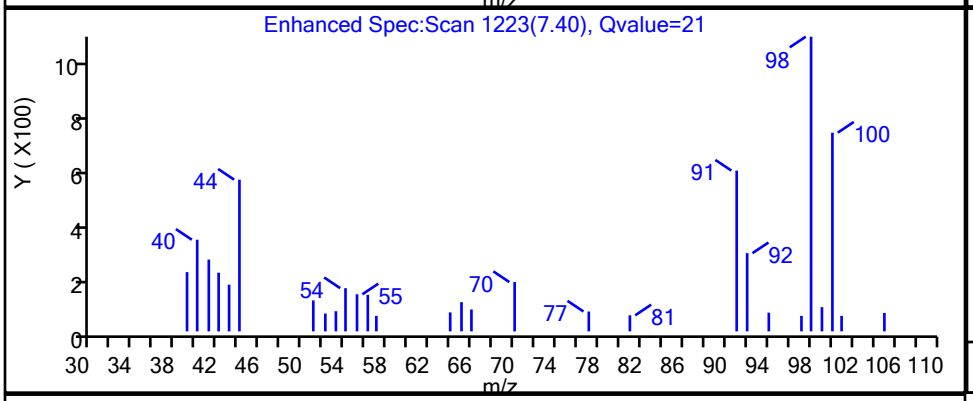
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

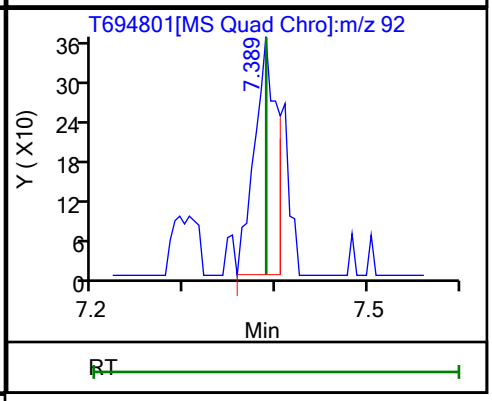
84 Toluene, CAS: 108-88-3

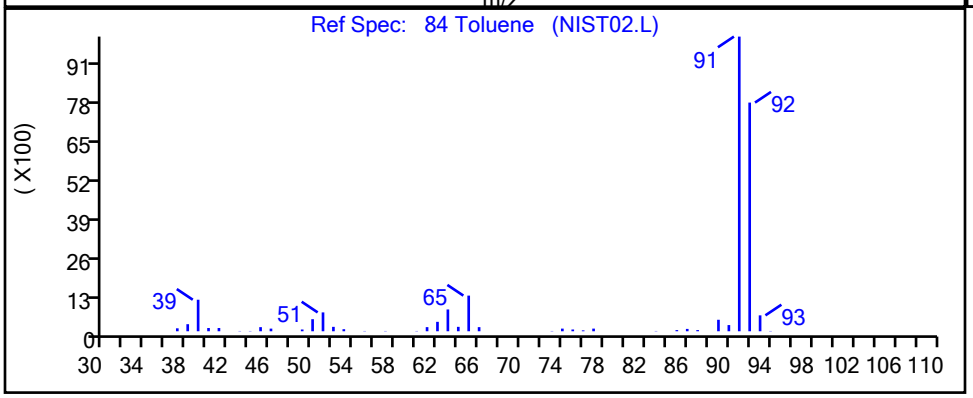
Processing Results











RT	Mass	Response	Amount
7.40	91.00	866	0.057761
7.39	92.00	619	

Reviewer: NN6A, 14-Nov-2025 17:02:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

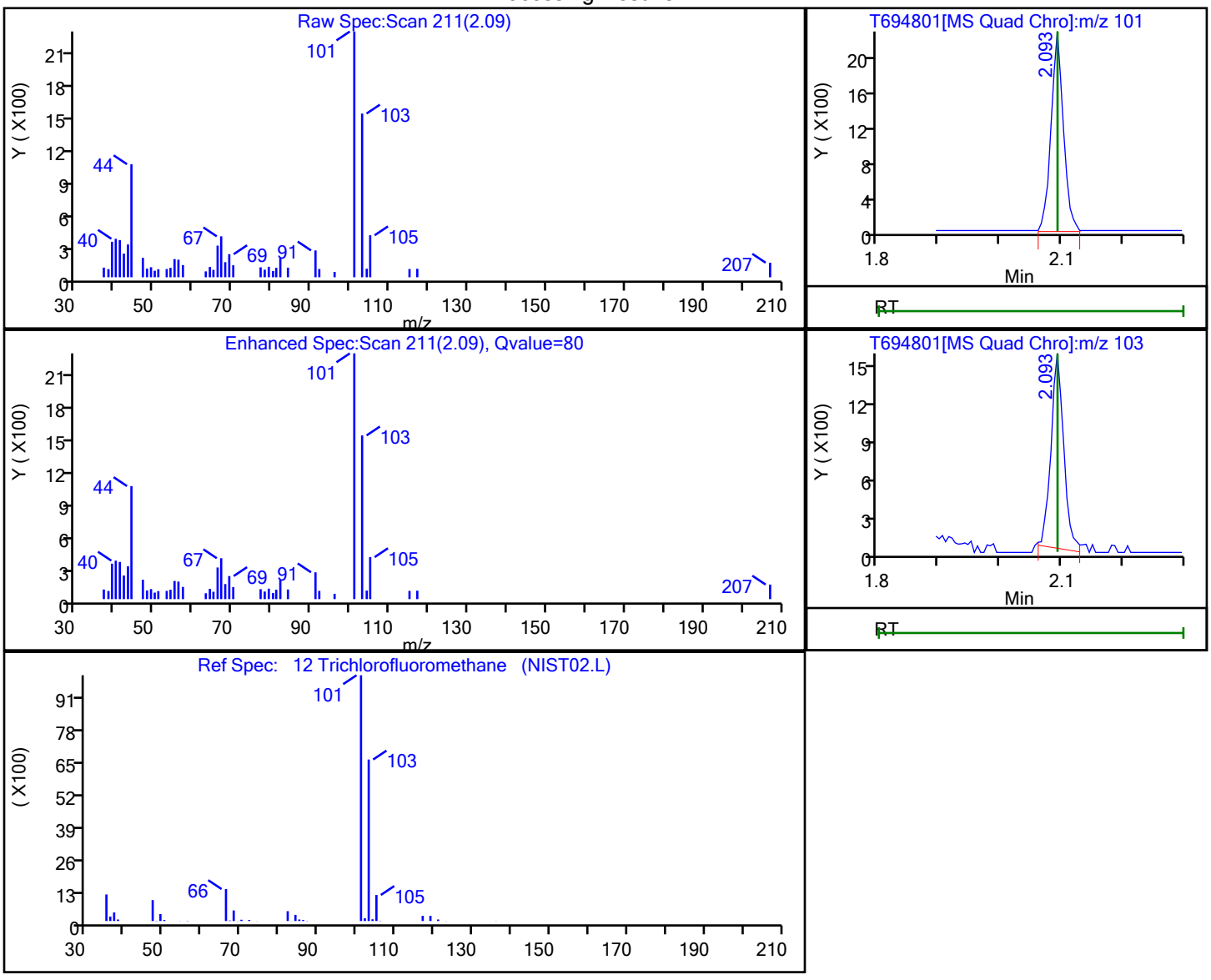
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.09	101.00	3212	0.480664
2.09	103.00	2198	

Reviewer: NN6A, 14-Nov-2025 17:01:52 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

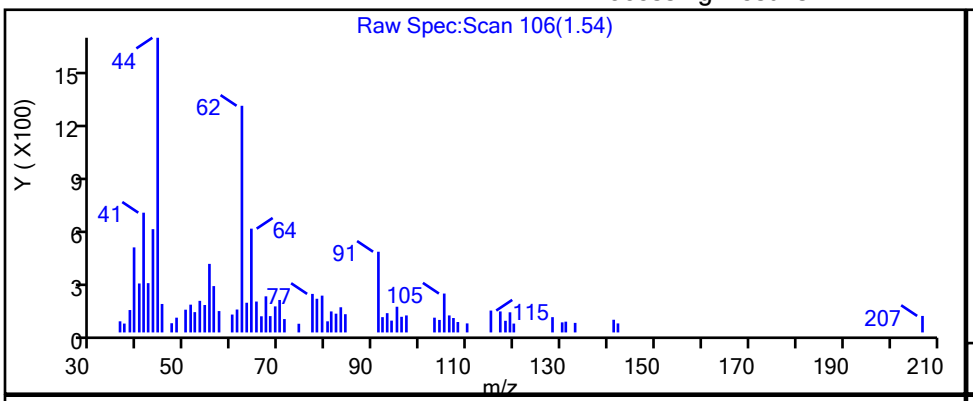
User Disabled Compound Report

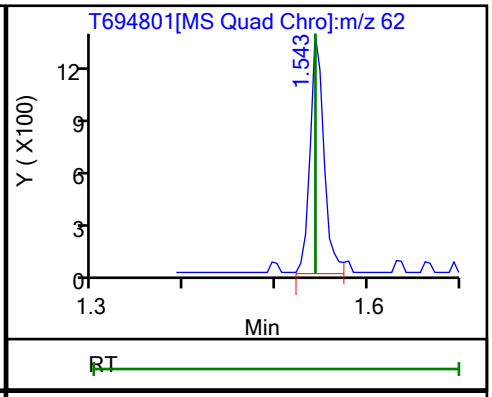
Eurofins Edison

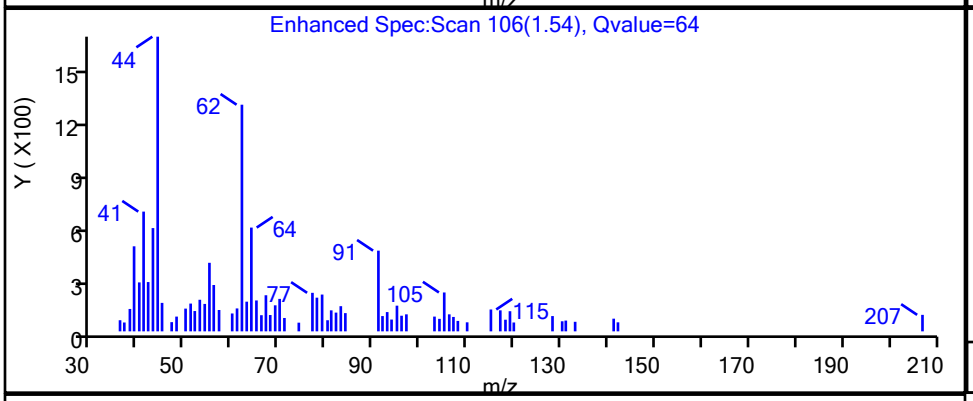
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694801.D
Injection Date: 10-Nov-2025 08:28:25 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

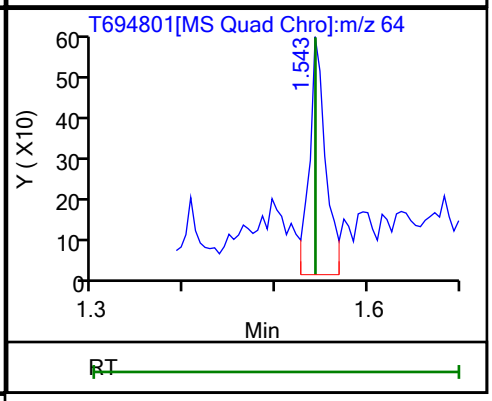
7 Vinyl chloride, CAS: 75-01-4

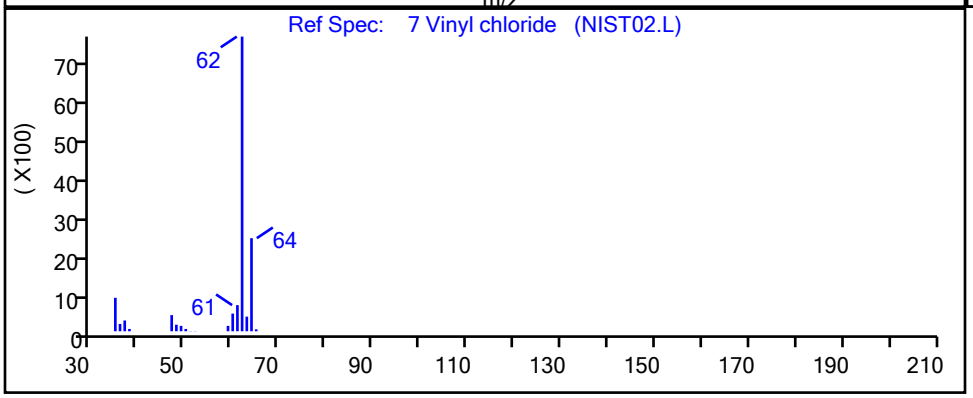
Processing Results











RT	Mass	Response	Amount
1.54	62.00	1365	0.497857
1.54	64.00	745	

Reviewer: NN6A, 14-Nov-2025 17:01:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 14-Nov-2025 17:37:45 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694802.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 10-Nov-2025 08:51:45 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0199009-005
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Nov-2025 17:37:44 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 10-Nov-2025 09:55:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.171	0.000	1	71	0.5000	0.5246	Ma
3 Chlorotrifluoroethene	116	1.270	1.270	0.000	22	358	0.5000	0.5278	
2 1,1-Difluoroethane	65	1.276	1.275	0.001	88	685	0.5000	0.4836	
4 Dichlorodifluoromethane	85	1.297	1.296	0.001	86	2204	0.5000	1.03	
5 Chlorodifluoromethane	67	1.318	1.317	0.001	61	348	0.5000	0.5143	M
6 Chloromethane	50	1.454	1.459	-0.005	84	1408	0.5000	0.5123	
7 Vinyl chloride	62	1.543	1.543	0.000	45	1227	0.5000	0.5260	
8 Butadiene	54	1.569	1.569	0.000	72	1063	0.5000	0.5533	
9 Bromomethane	94	1.826	1.821	0.005	32	421	0.5000	0.4917	
10 Chloroethane	64	1.910	1.910	0.000	49	1006	0.5000	0.5882	
11 Dichlorofluoromethane	67	2.073	2.072	0.001	85	3355	0.5000	0.4769	
12 Trichlorofluoromethane	101	2.094	2.093	0.001	82	2925	0.5000	0.5087	
13 Pentane	72	2.141	2.146	-0.005	92	502	1.00	1.07	
14 Ethanol	46	2.272	2.266	0.006	40	260	20.0	25.5	a
15 Ethyl ether	59	2.330	2.329	0.001	89	3056	0.5000	0.4816	
17 2-Methyl-1,3-butadiene	53	2.351	2.350	0.000	85	1485	0.5000	0.5375	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.371	2.366	0.005	62	1541	0.5000	0.5200	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.419	2.424	-0.005	72	2291	0.5000	0.5155	
19 Acrolein	56	2.487	2.481	0.006	68	856	2.00	1.85	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.503	2.508	-0.005	72	1427	0.5000	0.5027	
20 1,1-Dichloroethene	96	2.534	2.534	0.000	75	1549	0.5000	0.5076	
22 Acetone	43	2.602	2.602	0.000	72	1991	2.50	2.37	
23 Iodomethane	142	2.676	2.675	0.001	50	725	0.5000	0.4110	
25 Isopropyl alcohol	45	2.691	2.696	-0.005	34	821	5.00	5.77	
24 Carbon disulfide	76	2.718	2.717	0.001	92	4582	0.5000	0.4927	
27 3-Chloro-1-propene	76	2.854	2.854	0.000	84	998	0.5000	0.5281	
28 Methyl acetate	43	2.864	2.859	0.005	92	1926	1.00	1.09	
29 Cyclopentene	67	2.885	2.885	0.000	83	4274	0.5000	0.5547	
26 Acetonitrile	41	2.891	2.885	0.006	73	2206	5.00	5.10	
* 31 TBA-d9 (IS)	66	2.959	2.964	-0.005	99	38898	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.974	2.974	0.000	24	2040	0.5000	0.5575	
32 2-Methyl-2-propanol	59	3.037	3.037	0.000	54	1300	5.00	5.31	
35 Methyl tert-butyl ether	73	3.163	3.163	0.000	90	4097	0.5000	0.4634	
34 trans-1,2-Dichloroethene	96	3.184	3.184	0.000	77	1843	0.5000	0.5241	
33 Acrylonitrile	53	3.231	3.231	0.000	90	4455	5.00	5.06	
36 Hexane	57	3.373	3.373	0.000	84	2257	0.5000	0.5968	
40 Isopropyl ether	45	3.593	3.593	0.000	88	4823	0.5000	0.5000	
37 1,1-Dichloroethane	63	3.598	3.598	0.000	80	3225	0.5000	0.5329	
38 Vinyl acetate	86	3.625	3.619	0.006	96	575	1.00	1.00	
39 2-Chloro-1,3-butadiene	88	3.656	3.656	0.000	75	1344	0.5000	0.4619	
41 Tert-butyl ethyl ether	59	3.934	3.934	0.000	84	4454	0.5000	0.4608	
* 42 2-Butanone-d5	46	4.112	4.112	0.000	51	268398	250.0	250.0	
44 2,2-Dichloropropane	97	4.138	4.138	0.000	45	662	0.5000	0.5245	a
43 cis-1,2-Dichloroethene	96	4.159	4.159	0.000	56	1957	0.5000	0.5040	a
45 2-Butanone (MEK)	72	4.180	4.170	0.010	92	799	2.50	2.61	
47 Ethyl acetate	70	4.201	4.196	0.005	92	486	1.00	1.40	
48 Methyl acrylate	55	4.249	4.248	0.001	85	1334	0.5000	0.5748	
46 Propionitrile	54	4.290	4.290	0.000	90	1563	5.00	4.65	
49 Chlorobromomethane	128	4.406	4.400	0.006	54	899	0.5000	0.5081	
51 Tetrahydrofuran	72	4.416	4.411	0.005	27	287	1.00	0.9854	M
50 Methacrylonitrile	67	4.416	4.421	-0.005	90	5416	5.00	5.30	
52 Chloroform	83	4.474	4.468	0.006	80	3279	0.5000	0.5048	
54 1,1,1-Trichloroethane	97	4.637	4.636	0.000	15	2970	0.5000	0.5048	
$ 53 Dibromofluoromethane (Surr)	113	4.642	4.642	0.000	97	156995	50.0	51.6	
55 Cyclohexane	84	4.637	4.642	-0.006	30	2277	0.5000	0.5208	
56 Carbon tetrachloride	117	4.783	4.778	0.005	82	2442	0.5000	0.4746	
57 1,1-Dichloropropene	75	4.815	4.809	0.006	82	2304	0.5000	0.4746	
59 Isobutyl alcohol	43	4.941	4.940	0.001	72	1007	12.5	11.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	91	178579	50.0	51.9	
60 Benzene	78	5.024	5.024	0.000	44	6817	0.5000	0.5000	
62 Isooctane	57	5.040	5.035	0.005	31	3697	0.5000	0.5588	
63 Isopropyl acetate	61	5.119	5.108	0.011	85	764	0.5000	0.5310	
61 1,2-Dichloroethane	62	5.108	5.113	-0.005	70	2457	0.5000	0.5063	
64 Tert-amyl methyl ether	73	5.124	5.124	0.000	78	3912	0.5000	0.4652	
66 n-Heptane	43	5.250	5.250	0.000	83	1694	0.5000	0.5285	
* 65 Fluorobenzene	96	5.355	5.355	0.000	98	596265	50.0	50.0	
68 n-Butanol	56	5.706	5.701	0.005	65	645	12.5	11.3	
67 Trichloroethene	95	5.769	5.764	0.005	81	1952	0.5000	0.5033	
69 Ethyl acrylate	55	5.926	5.921	0.005	78	3114	0.5000	0.4677	
70 Methylcyclohexane	83	5.926	5.926	0.000	80	2406	0.5000	0.5125	
71 1,2-Dichloropropane	63	6.078	6.078	0.000	61	1642	0.5000	0.4726	
* 73 1,4-Dioxane-d8	96	6.147	6.146	0.001	1	27345	1000.0	1000.0	
75 Methyl methacrylate	100	6.199	6.199	0.000	78	669	1.00	0.9447	
74 1,4-Dioxane	88	6.215	6.214	0.001	33	519	25.0	20.5	
72 Dibromomethane	93	6.215	6.220	-0.005	69	1069	0.5000	0.5181	
76 n-Propyl acetate	43	6.267	6.267	0.000	84	1324	0.5000	0.4040	
77 Dichlorobromomethane	83	6.409	6.408	0.001	82	2036	0.5000	0.4548	
78 2-Nitropropane	41	6.776	6.775	0.001	57	776	1.00	1.14	
80 Epichlorohydrin	57	6.912	6.912	0.000	75	2002	10.0	11.3	a
81 cis-1,3-Dichloropropene	75	7.001	7.001	0.000	66	2624	0.5000	0.4563	
82 4-Methyl-2-pentanone (MIBK)	43	7.206	7.200	0.006	90	5091	2.50	2.34	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	548058	50.0	49.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.389	7.389	0.000	88	7675	0.5000	0.5120	
85 trans-1,3-Dichloropropene	75	7.793	7.793	0.000	66	2246	0.5000	0.4507	
86 Ethyl methacrylate	69	7.877	7.871	0.006	59	1721	0.5000	0.4731	
87 1,1,2-Trichloroethane	83	8.045	8.044	0.001	65	1127	0.5000	0.4663	
88 Tetrachloroethene	166	8.123	8.123	0.000	78	2037	0.5000	0.4585	
89 1,3-Dichloropropane	76	8.286	8.291	-0.005	75	2319	0.5000	0.4659	
90 2-Hexanone	43	8.401	8.396	0.005	87	3743	2.50	2.38	
91 Chlorodibromomethane	129	8.569	8.563	0.006	40	1378	0.5000	0.4245	
93 n-Butyl acetate	43	8.569	8.563	0.006	82	1629	0.5000	0.4491	
92 Ethylene Dibromide	107	8.742	8.736	0.006	63	1342	0.5000	0.4644	
* 94 Chlorobenzene-d5	117	9.423	9.423	0.000	84	464139	50.0	50.0	
95 Chlorobenzene	112	9.465	9.465	0.000	64	4625	0.5000	0.4741	
97 Ethylbenzene	106	9.617	9.612	0.005	90	2592	0.5000	0.4896	
96 1,1,1,2-Tetrachloroethane	131	9.612	9.612	0.000	19	1542	0.5000	0.4448	
98 m-Xylene & p-Xylene	106	9.811	9.811	0.000	93	3220	0.5000	0.4906	
99 o-Xylene	106	10.441	10.440	0.001	89	3022	0.5000	0.4828	
101 n-Butyl acrylate	73	10.456	10.461	-0.005	56	904	0.5000	0.4547	
100 Styrene	104	10.488	10.482	0.006	89	4875	0.5000	0.4940	
102 Bromoform	173	10.776	10.776	0.000	39	759	0.5000	0.4074	
103 Amyl acetate (mixed isomers)	43	10.844	10.849	-0.005	77	2031	0.5000	0.4645	
104 Isopropylbenzene	105	11.038	11.043	-0.005	83	7131	0.5000	0.4865	
$ 105 4-Bromofluorobenzene	174	11.327	11.326	0.001	93	196520	50.0	50.4	
106 Bromobenzene	156	11.510	11.510	0.000	88	1937	0.5000	0.4437	
107 1,1,2,2-Tetrachloroethane	83	11.599	11.599	0.000	56	1382	0.5000	0.4569	
108 1,2,3-Trichloropropane	110	11.657	11.646	0.011	31	516	0.5000	0.5028	
110 N-Propylbenzene	91	11.668	11.662	0.006	96	8506	0.5000	0.4645	
109 trans-1,4-Dichloro-2-butene	53	11.694	11.699	-0.005	21	544	0.5000	0.5525	
111 2-Chlorotoluene	91	11.783	11.783	0.000	84	5657	0.5000	0.4774	
112 4-Ethyltoluene	105	11.825	11.825	0.000	93	7498	0.5000	0.4845	
114 1,3,5-Trimethylbenzene	105	11.924	11.924	0.000	86	6240	0.5000	0.4932	
113 4-Chlorotoluene	91	11.940	11.940	0.000	89	6385	0.5000	0.4899	
115 Butyl Methacrylate	87	12.087	12.087	0.000	82	1445	0.5000	0.3945	
116 tert-Butylbenzene	119	12.302	12.302	0.000	88	5253	0.5000	0.4727	
117 1,2,4-Trimethylbenzene	105	12.381	12.375	0.006	90	6215	0.5000	0.4808	
118 sec-Butylbenzene	105	12.564	12.559	0.005	93	7115	0.5000	0.4719	
119 1,3-Dichlorobenzene	146	12.695	12.695	0.000	90	3408	0.5000	0.4579	
122 4-Isopropyltoluene	119	12.732	12.732	0.000	81	6110	0.5000	0.4681	
* 120 1,4-Dichlorobenzene-d4	152	12.779	12.779	0.000	95	250076	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.805	12.805	0.000	54	3438	0.5000	0.4610	a
123 1,2,3-Trimethylbenzene	105	12.847	12.847	0.000	92	6012	0.5000	0.4732	
124 Benzyl chloride	91	12.963	12.962	0.001	78	2210	0.5000	0.4241	
125 2,3-Dihydroindene	117	13.041	13.041	0.000	85	5292	0.5000	0.4755	
127 p-Diethylbenzene	119	13.136	13.135	0.001	86	3361	0.5000	0.4491	
128 n-Butylbenzene	92	13.162	13.162	0.000	94	2834	0.5000	0.4595	
126 1,2-Dichlorobenzene	146	13.188	13.188	0.000	90	2945	0.5000	0.4543	
130 1,2,4,5-Tetramethylbenzene	119	13.885	13.885	0.000	90	4769	0.5000	0.4421	
129 1,2-Dibromo-3-Chloropropane	157	13.943	13.943	0.000	0	168	0.5000	0.3108	
131 1,3,5-Trichlorobenzene	180	14.095	14.095	0.000	71	1904	0.5000	0.4115	
132 1,2,4-Trichlorobenzene	180	14.630	14.624	0.006	52	1398	0.5000	0.3889	
133 Hexachlorobutadiene	225	14.735	14.734	0.001	51	876	0.5000	0.4364	
134 Naphthalene	128	14.824	14.824	0.000	90	3306	0.5000	-0.1438	
135 1,2,3-Trichlorobenzene	180	15.018	15.018	0.000	60	1133	0.5000	0.1447	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.03	
S 137 Xylenes, Total	100				0		1.00	0.9735	
S 140 Total BTEX	1				0		2.50	2.47	
S 139 1,3-Dichloropropene, Total	1				0		1.00	0.9070	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00189	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00214	Amount Added:	5.00	Units: uL	
GASES Li_00669	Amount Added:	5.00	Units: uL	
14DIOXINTER_00190	Amount Added:	15.00	Units: uL	
524FREONS_00044	Amount Added:	5.00	Units: uL	
VOA6IS/SURR_00083	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 14-Nov-2025 17:37:45 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694802.D

Injection Date: 10-Nov-2025 08:51:45 Instrument ID: CVOAMS15

Lims ID: STD05

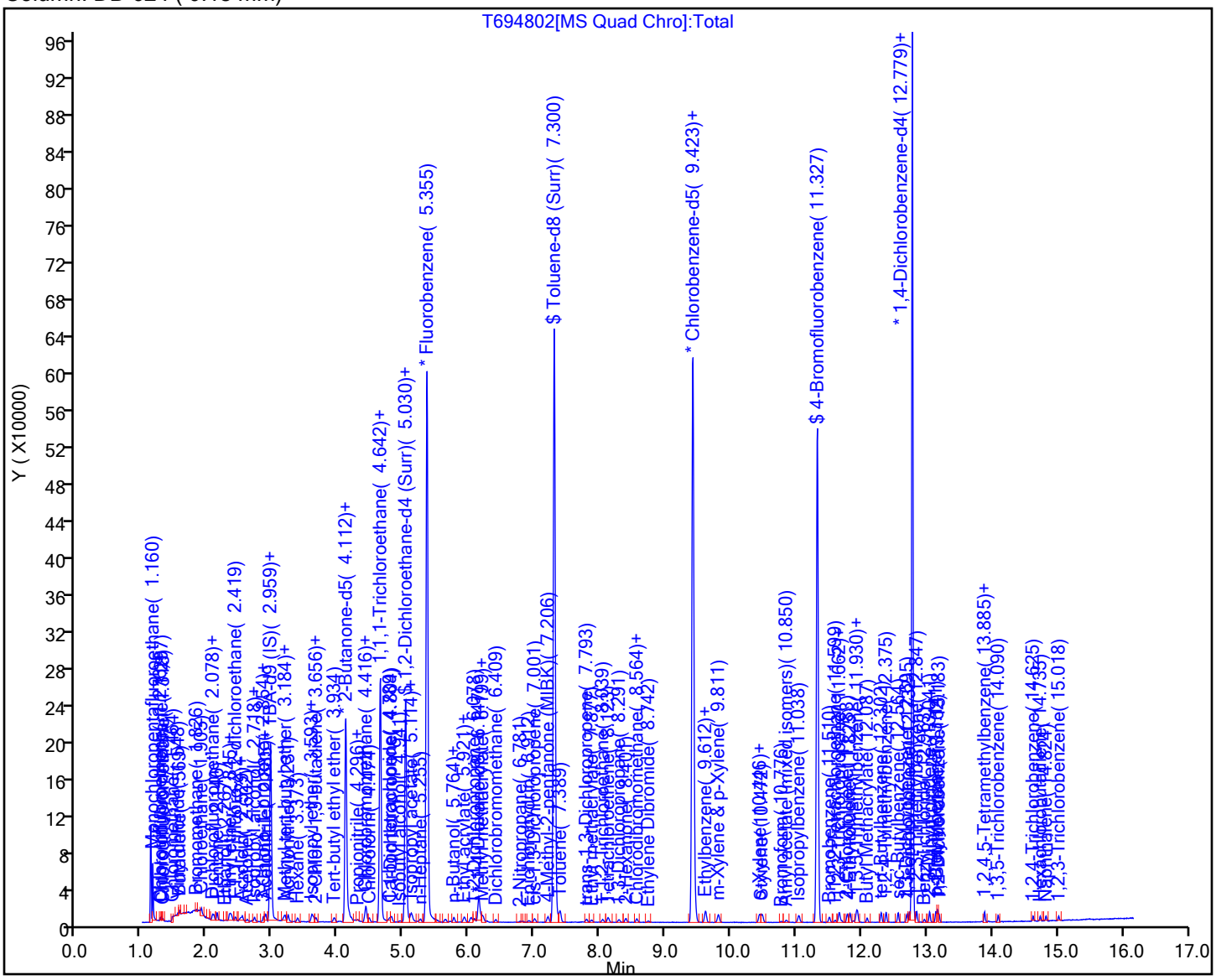
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

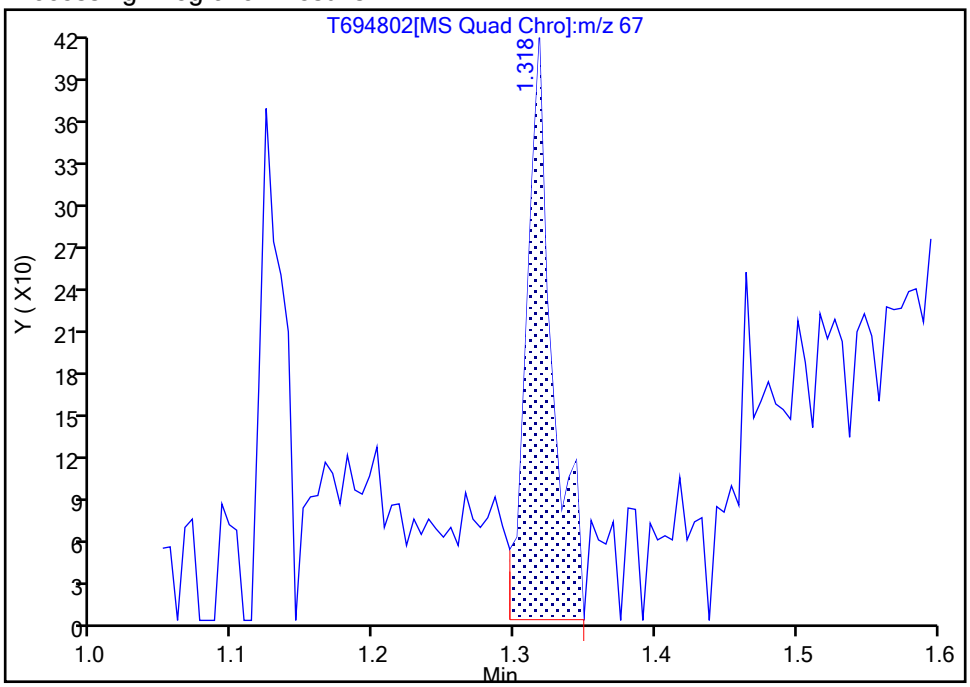
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694802.D
Injection Date: 10-Nov-2025 08:51:45 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

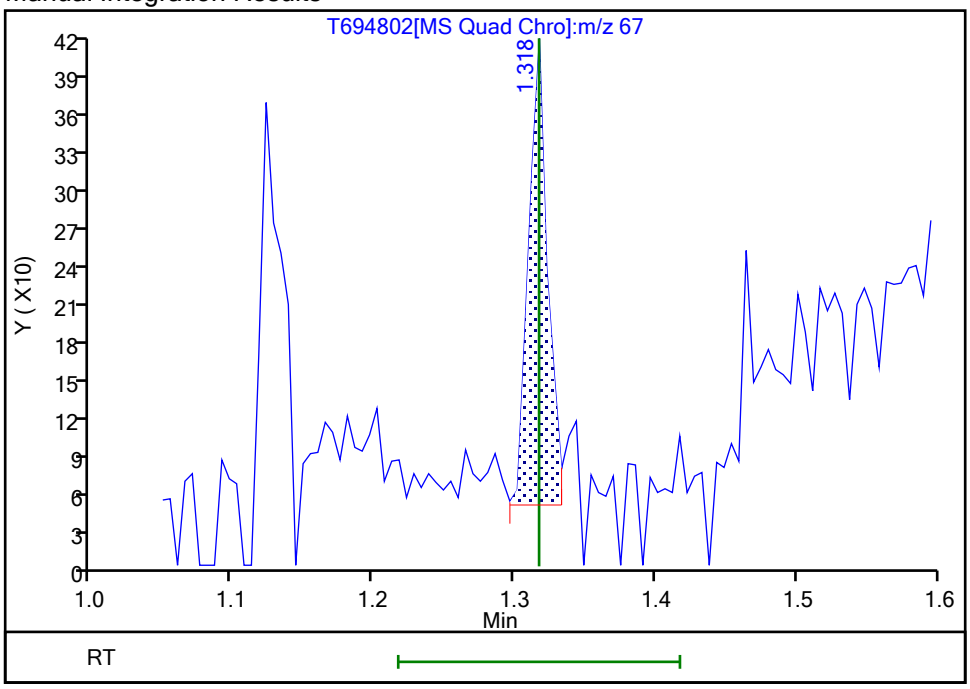
Processing Integration Results

RT: 1.32
Area: 540
Amount: 0.738223
Amount Units: ug/l



Manual Integration Results

RT: 1.32
Area: 348
Amount: 0.514314
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:03:31 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

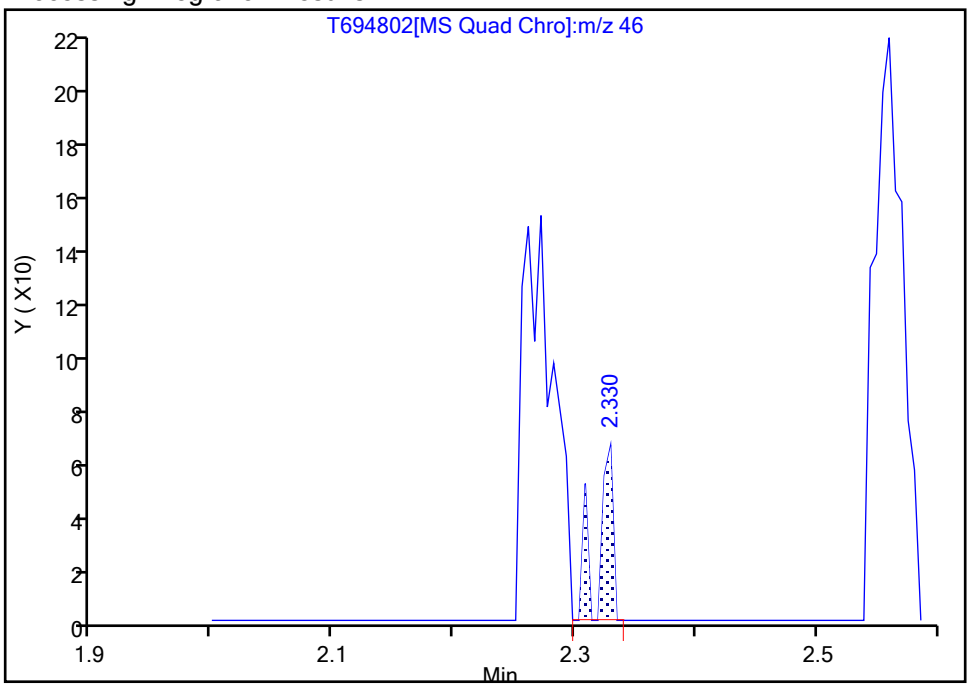
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694802.D
Injection Date: 10-Nov-2025 08:51:45 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

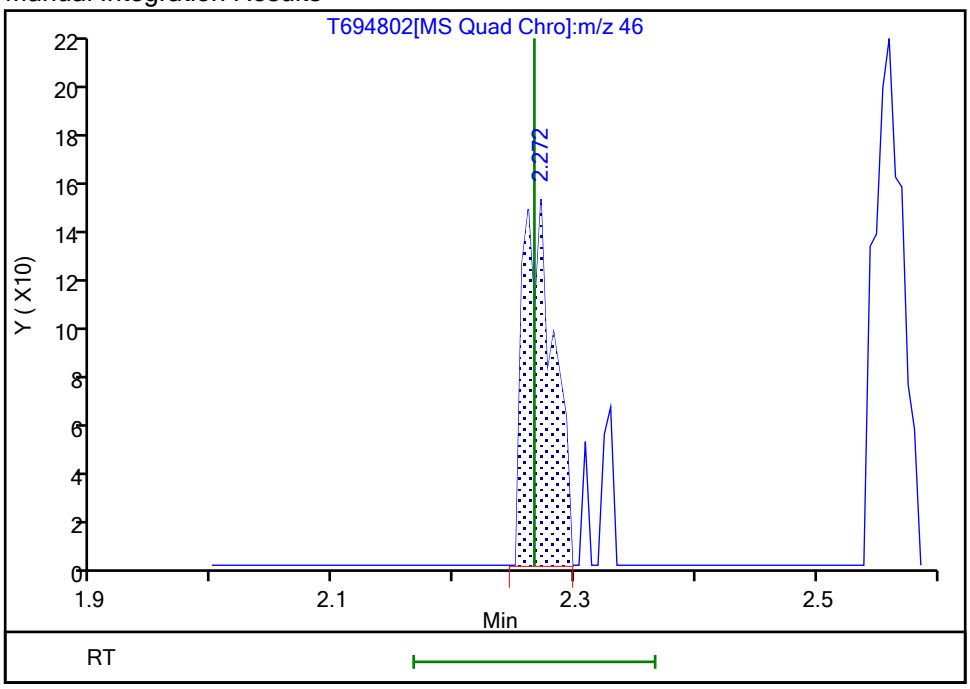
Processing Integration Results

RT: 2.33
Area: 53
Amount: 7.458602
Amount Units: ug/l



Manual Integration Results

RT: 2.27
Area: 260
Amount: 25.491815
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:03:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

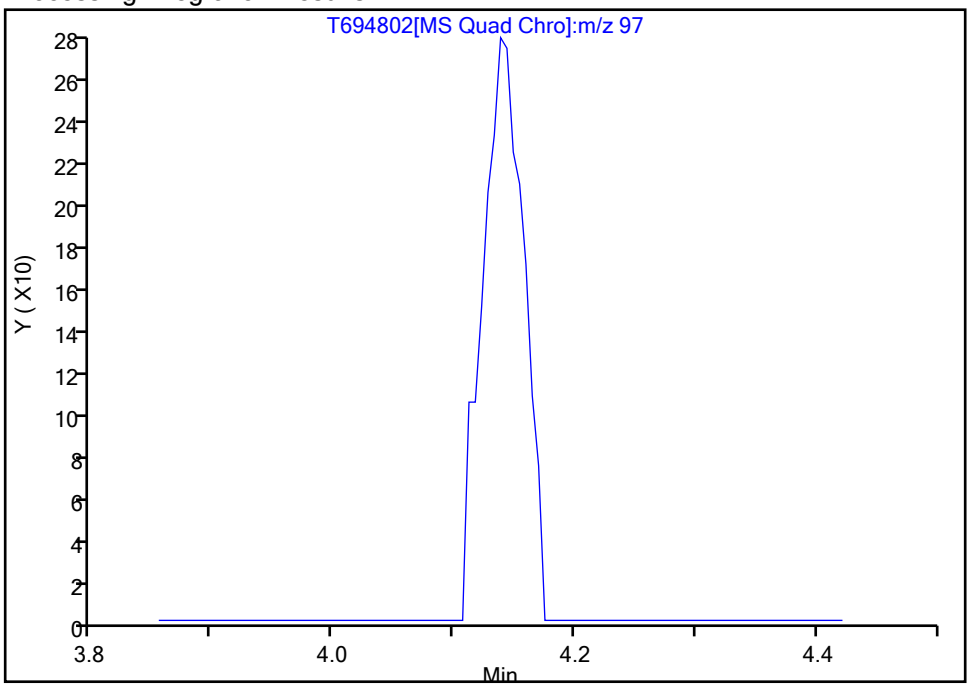
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694802.D
Injection Date: 10-Nov-2025 08:51:45 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

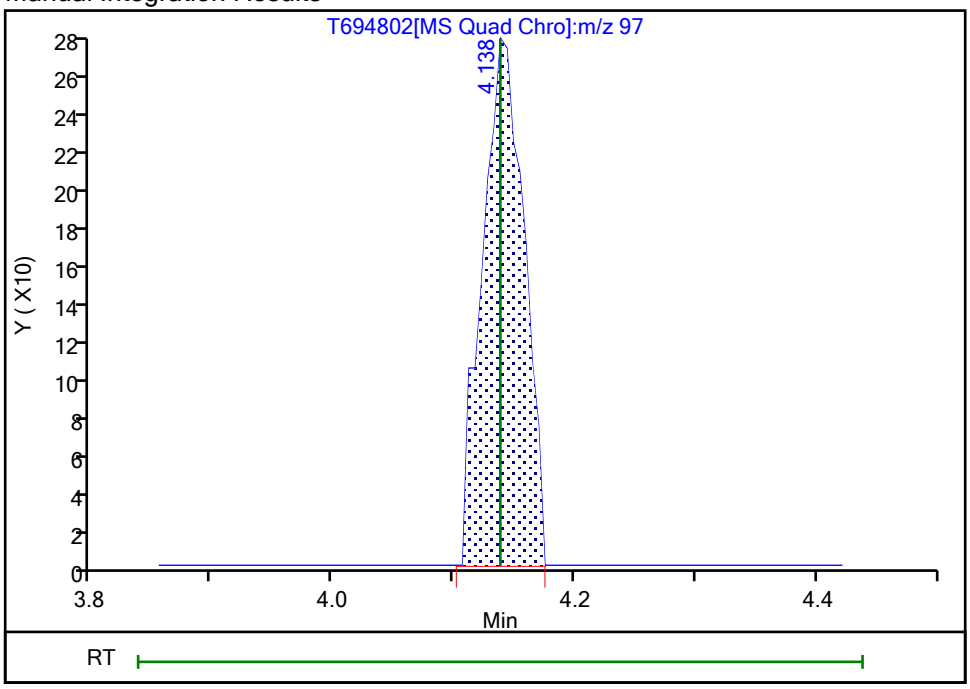
Not Detected
Expected RT: 4.14

Processing Integration Results



Manual Integration Results

RT: 4.14
Area: 662
Amount: 0.524458
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:03:57 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

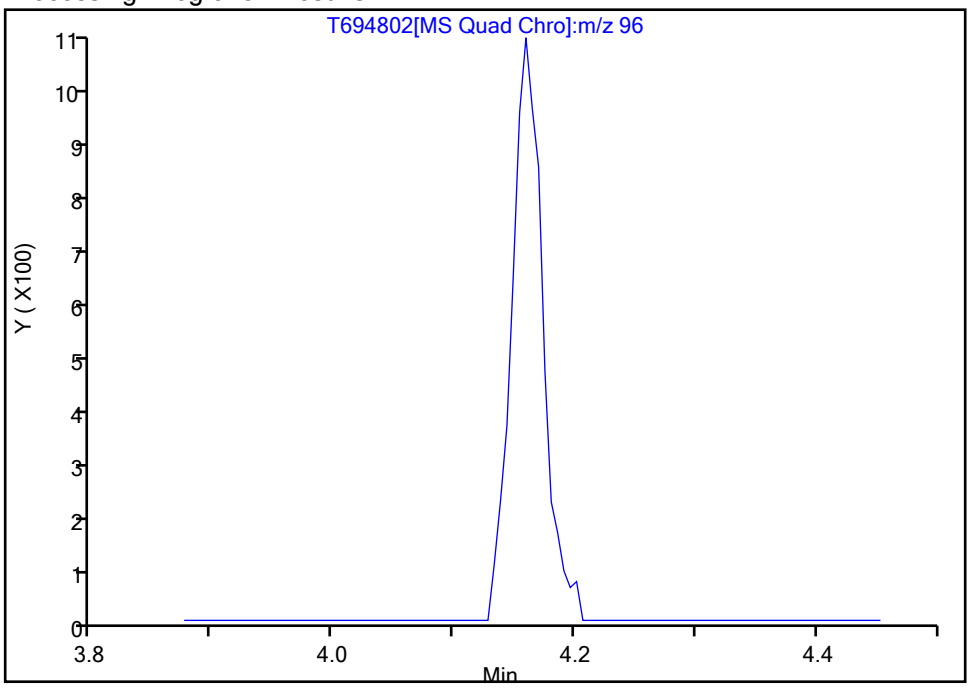
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694802.D
Injection Date: 10-Nov-2025 08:51:45 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

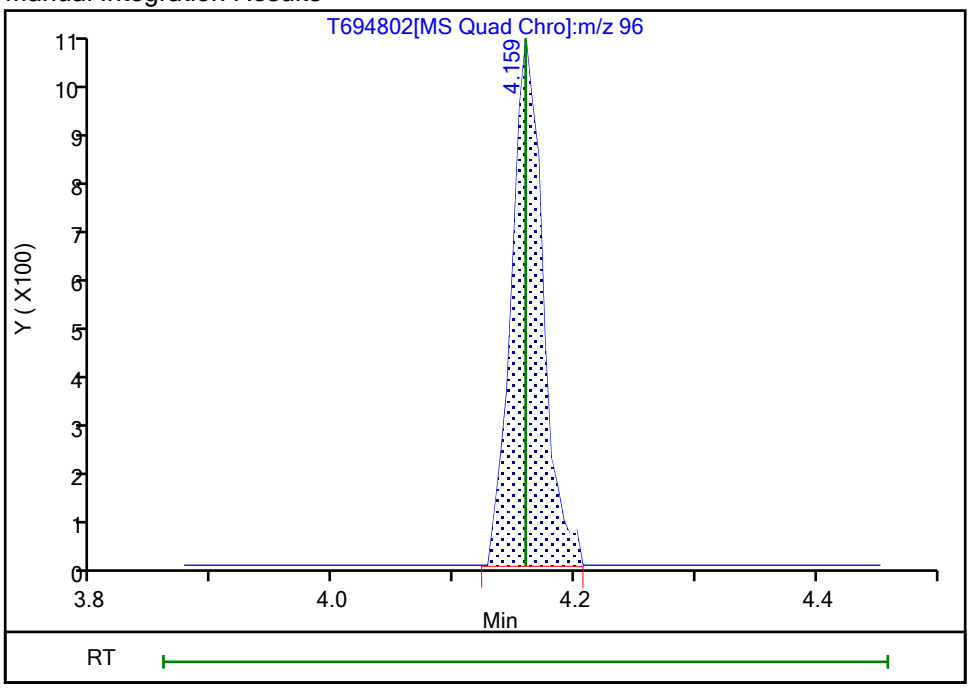
Not Detected
Expected RT: 4.16

Processing Integration Results



Manual Integration Results

RT: 4.16
Area: 1957
Amount: 0.504020
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:04:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

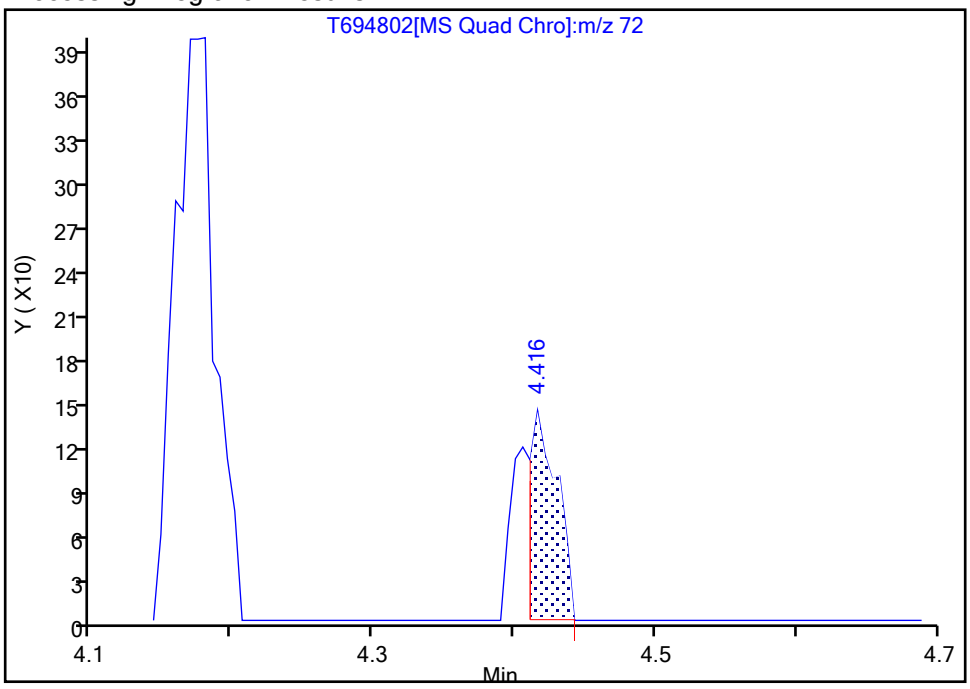
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694802.D
Injection Date: 10-Nov-2025 08:51:45 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

51 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

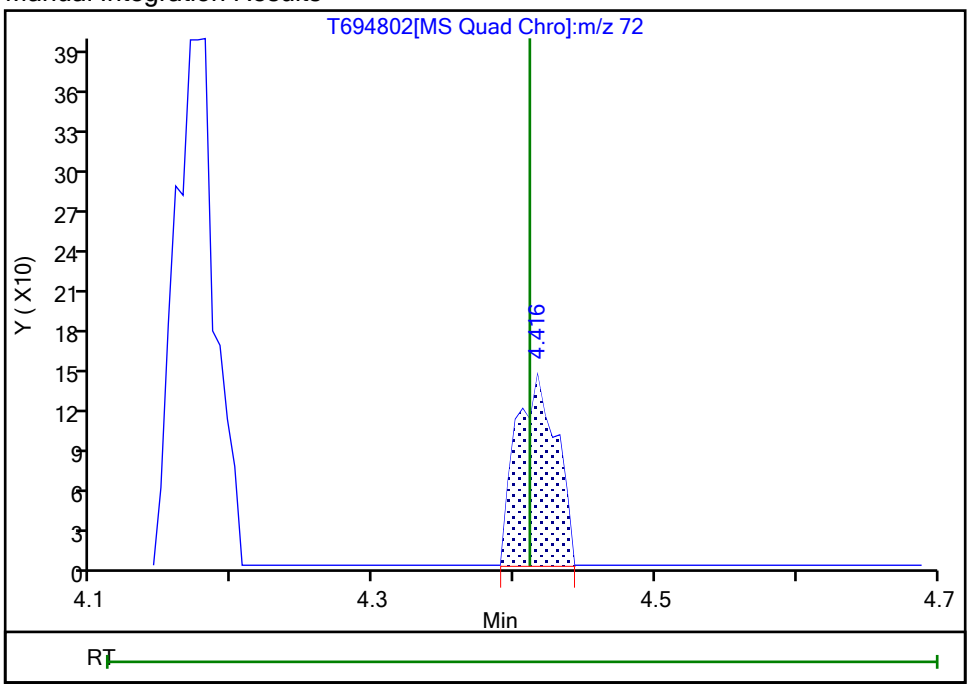
Processing Integration Results

RT: 4.42
Area: 195
Amount: 0.725719
Amount Units: ug/l



Manual Integration Results

RT: 4.42
Area: 287
Amount: 0.985390
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:04:17 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

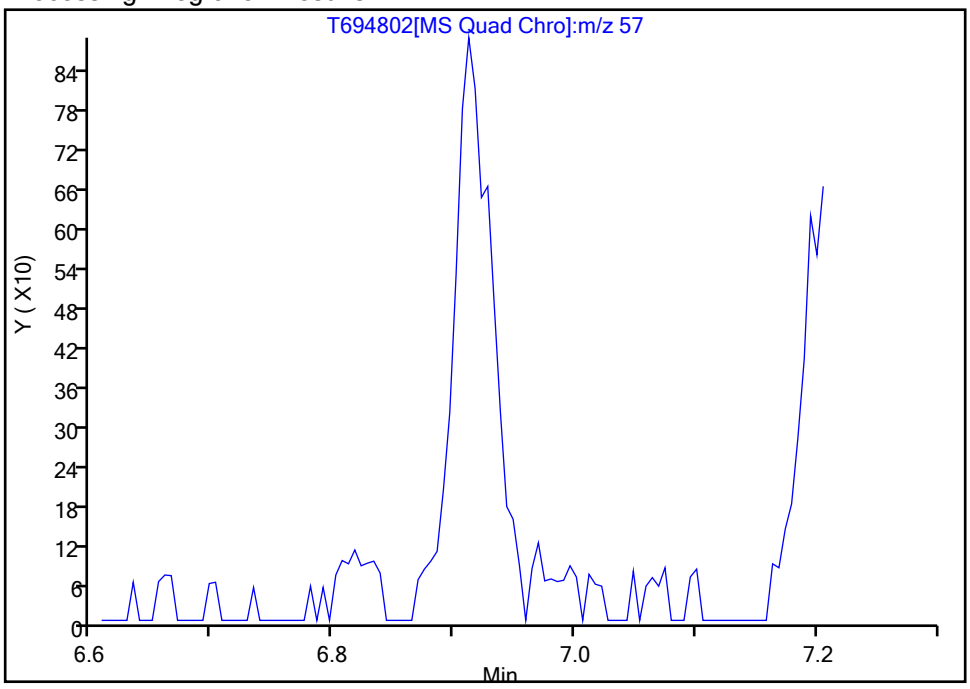
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694802.D
Injection Date: 10-Nov-2025 08:51:45 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

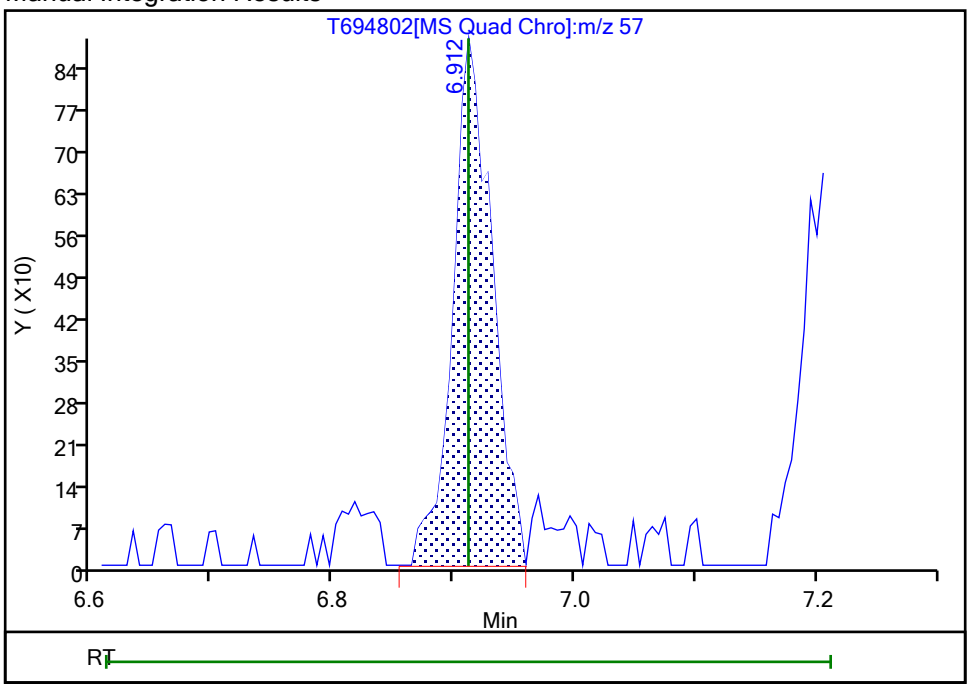
Not Detected
Expected RT: 6.91

Processing Integration Results



Manual Integration Results

RT: 6.91
Area: 2002
Amount: 11.269063
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:04:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

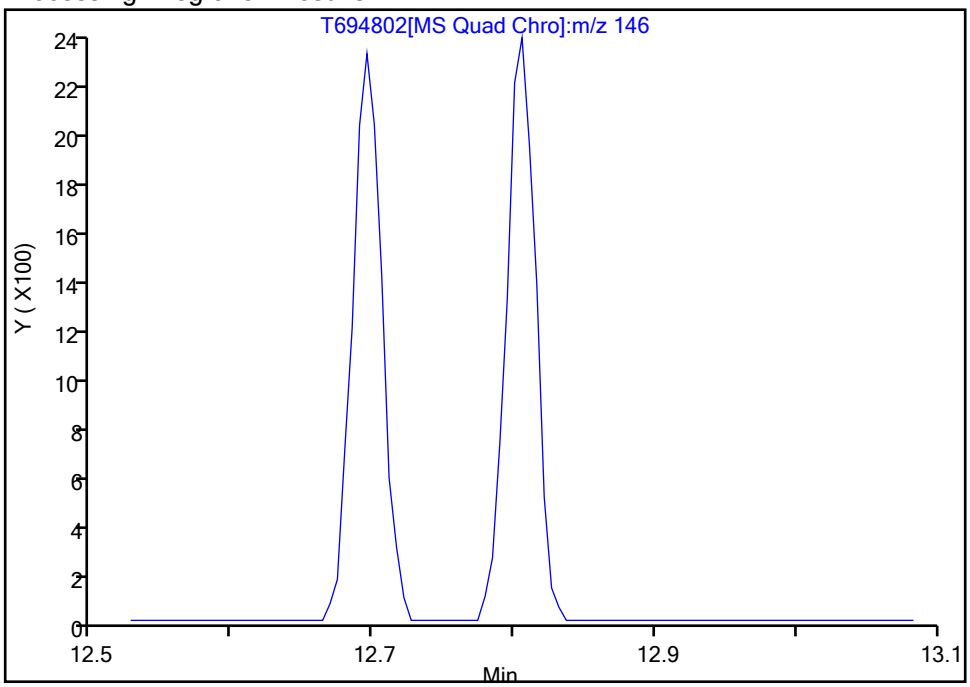
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694802.D
Injection Date: 10-Nov-2025 08:51:45 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

121 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

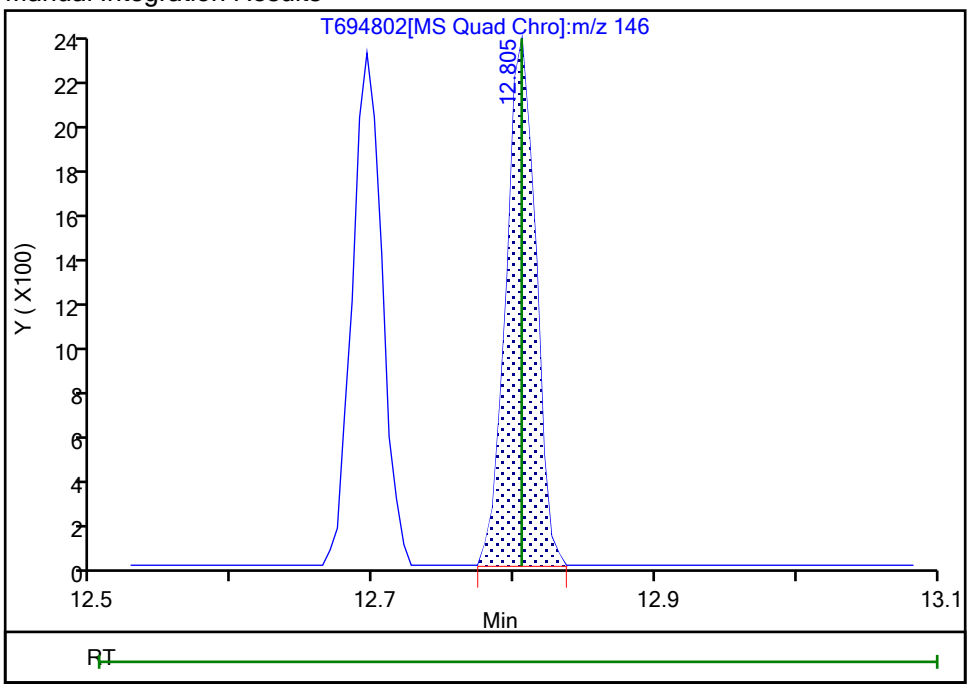
Not Detected
Expected RT: 12.81

Processing Integration Results



Manual Integration Results

RT: 12.81
Area: 3438
Amount: 0.461049
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:04:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

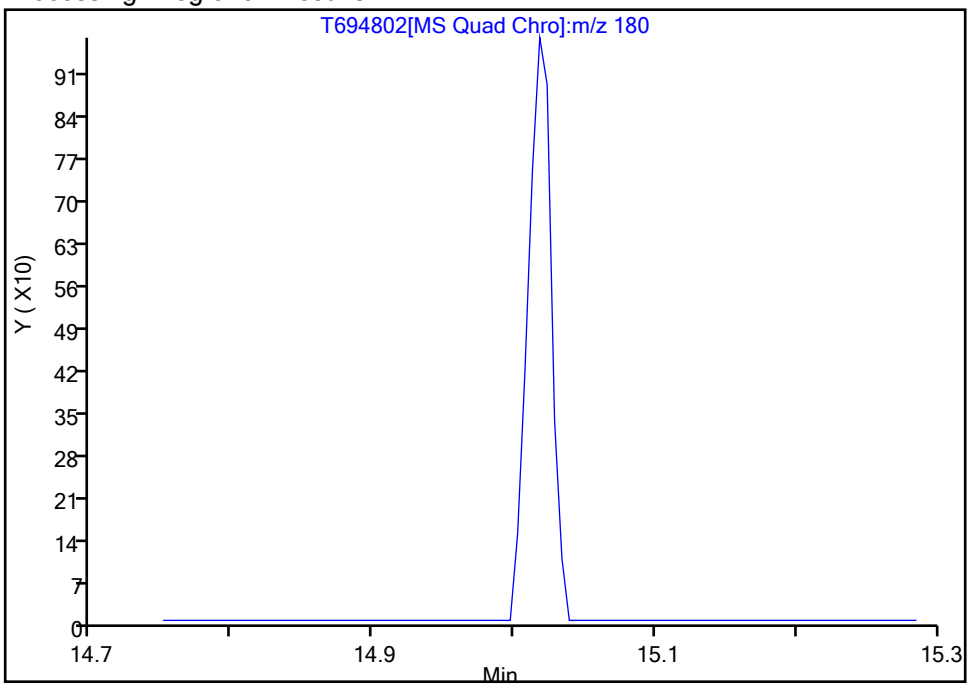
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694802.D
Injection Date: 10-Nov-2025 08:51:45 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

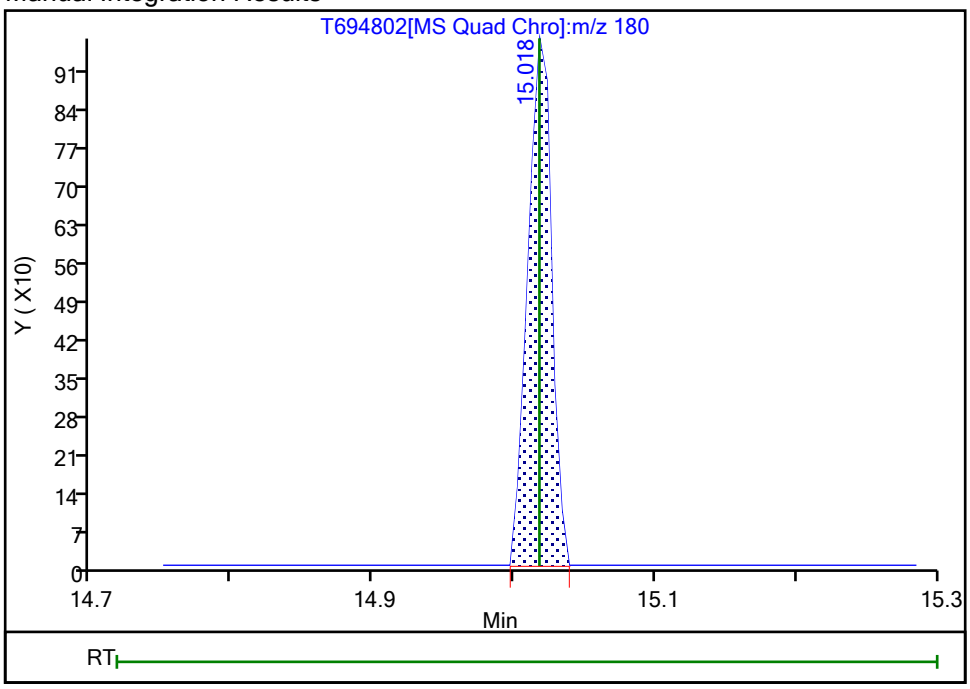
Not Detected
Expected RT: 15.02

Processing Integration Results



Manual Integration Results

RT: 15.02
Area: 1133
Amount: 0.144718
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:05:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 14-Nov-2025 17:38:03 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694804.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 10-Nov-2025 09:38:24 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0199009-007
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Nov-2025 17:38:03 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 10-Nov-2025 10:28:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.176	1.171	0.005	32	801	5.00	5.96	
3 Chlorotrifluoroethene	116	1.270	1.270	0.000	83	3881	5.00	5.44	
2 1,1-Difluoroethane	65	1.276	1.275	0.001	94	7175	5.00	4.87	
4 Dichlorodifluoromethane	85	1.297	1.296	0.001	89	22458	5.00	5.38	
5 Chlorodifluoromethane	67	1.318	1.317	0.001	78	3395	5.00	4.83	
6 Chloromethane	50	1.459	1.459	0.000	88	13630	5.00	4.77	
7 Vinyl chloride	62	1.543	1.543	0.000	83	12105	5.00	4.99	
8 Butadiene	54	1.569	1.569	0.000	95	10220	5.00	5.12	
9 Bromomethane	94	1.826	1.821	0.005	93	4037	5.00	4.54	
10 Chloroethane	64	1.910	1.910	0.000	96	9978	5.00	5.62	
11 Dichlorofluoromethane	67	2.073	2.072	0.001	91	38245	5.00	5.23	
12 Trichlorofluoromethane	101	2.094	2.093	0.001	88	30996	5.00	5.19	
13 Pentane	72	2.146	2.146	0.000	95	5260	10.0	10.8	
14 Ethanol	46	2.267	2.266	0.001	94	2019	200.0	203.9	
15 Ethyl ether	59	2.335	2.329	0.006	94	15243	5.00	5.21	
17 2-Methyl-1,3-butadiene	53	2.350	2.350	0.000	95	15035	5.00	5.24	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.366	2.366	0.000	88	15543	5.00	5.05	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.424	2.424	0.000	88	22728	5.00	4.92	
19 Acrolein	56	2.482	2.481	0.001	97	8780	20.0	19.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.508	2.508	0.000	93	15816	5.00	5.36	
20 1,1-Dichloroethene	96	2.534	2.534	0.000	99	16831	5.00	5.31	
22 Acetone	43	2.602	2.602	0.000	85	18333	25.0	21.5	
23 Iodomethane	142	2.676	2.675	0.001	98	13442	5.00	3.60	
25 Isopropyl alcohol	45	2.696	2.696	0.000	92	6673	50.0	48.3	
24 Carbon disulfide	76	2.717	2.717	0.000	99	49686	5.00	5.14	
27 3-Chloro-1-propene	76	2.854	2.854	0.000	90	10160	5.00	5.17	
28 Methyl acetate	43	2.864	2.859	0.005	97	18735	10.0	10.2	
29 Cyclopentene	67	2.885	2.885	0.000	87	43372	5.00	5.42	
26 Acetonitrile	41	2.885	2.885	0.000	63	24038	50.0	54.7	
* 31 TBA-d9 (IS)	66	2.959	2.964	-0.005	99	37763	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.974	2.974	0.000	46	18941	5.00	4.98	
32 2-Methyl-2-propanol	59	3.032	3.037	-0.005	95	11439	50.0	48.2	
35 Methyl tert-butyl ether	73	3.163	3.163	0.000	97	46619	5.00	5.07	
34 trans-1,2-Dichloroethene	96	3.184	3.184	0.000	87	18999	5.00	5.20	
33 Acrylonitrile	53	3.231	3.231	0.000	94	48632	50.0	53.2	
36 Hexane	57	3.373	3.373	0.000	91	20767	5.00	5.28	
40 Isopropyl ether	45	3.593	3.593	0.000	93	53270	5.00	5.31	
37 1,1-Dichloroethane	63	3.598	3.598	0.000	85	33223	5.00	5.28	
38 Vinyl acetate	86	3.619	3.619	0.000	99	5866	10.0	10.1	
39 2-Chloro-1,3-butadiene	88	3.656	3.656	0.000	89	16284	5.00	5.39	
41 Tert-butyl ethyl ether	59	3.934	3.934	0.000	89	51186	5.00	5.10	
* 42 2-Butanone-d5	46	4.112	4.112	0.000	71	272552	250.0	250.0	
44 2,2-Dichloropropane	97	4.138	4.138	0.000	89	6919	5.00	5.28	a
43 cis-1,2-Dichloroethene	96	4.159	4.159	0.000	90	20975	5.00	5.20	
45 2-Butanone (MEK)	72	4.175	4.170	0.005	99	7611	25.0	24.5	
47 Ethyl acetate	70	4.201	4.196	0.005	98	3366	10.0	9.55	a
48 Methyl acrylate	55	4.248	4.248	0.000	98	11631	5.00	4.82	
46 Propionitrile	54	4.290	4.290	0.000	97	18078	50.0	51.8	
49 Chlorobromomethane	128	4.406	4.400	0.006	59	9730	5.00	5.29	
51 Tetrahydrofuran	72	4.406	4.411	-0.005	31	3186	10.0	10.8	
50 Methacrylonitrile	67	4.421	4.421	0.000	92	57718	50.0	54.4	
52 Chloroform	83	4.469	4.468	0.001	93	34384	5.00	5.09	
54 1,1,1-Trichloroethane	97	4.636	4.636	0.000	40	31651	5.00	5.18	
$ 53 Dibromofluoromethane (Surr)	113	4.642	4.642	0.000	97	160790	50.0	50.9	
55 Cyclohexane	84	4.642	4.642	0.000	41	24852	5.00	5.47	
56 Carbon tetrachloride	117	4.778	4.778	0.000	89	26618	5.00	4.98	
57 1,1-Dichloropropene	75	4.809	4.809	0.000	96	26536	5.00	5.26	
59 Isobutyl alcohol	43	4.941	4.940	0.001	98	10276	125.0	117.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.030	5.024	0.006	92	182695	50.0	51.1	
60 Benzene	78	5.024	5.024	0.000	62	72586	5.00	5.20	
62 Isooctane	57	5.030	5.035	-0.005	43	37291	5.00	5.42	
63 Isopropyl acetate	61	5.108	5.108	0.000	94	7615	5.00	5.09	
61 1,2-Dichloroethane	62	5.114	5.113	0.001	85	25618	5.00	5.08	
64 Tert-amyl methyl ether	73	5.124	5.124	0.000	89	44753	5.00	5.12	
66 n-Heptane	43	5.250	5.250	0.000	93	17466	5.00	5.24	
* 65 Fluorobenzene	96	5.355	5.355	0.000	98	619535	50.0	50.0	
68 n-Butanol	56	5.701	5.701	0.000	88	6173	125.0	111.2	
67 Trichloroethene	95	5.764	5.764	0.000	94	20572	5.00	5.10	
69 Ethyl acrylate	55	5.921	5.921	0.000	94	35730	5.00	5.16	
70 Methylcyclohexane	83	5.931	5.926	0.005	89	25743	5.00	5.28	
71 1,2-Dichloropropane	63	6.078	6.078	0.000	87	18179	5.00	5.04	
* 73 1,4-Dioxane-d8	96	6.146	6.146	0.000	1	27136	1000.0	1000.0	a
75 Methyl methacrylate	100	6.199	6.199	0.000	88	7357	10.0	10.0	
74 1,4-Dioxane	88	6.215	6.214	0.001	39	2670	100.0	106.4	
72 Dibromomethane	93	6.220	6.220	0.000	94	10920	5.00	5.09	
76 n-Propyl acetate	43	6.267	6.267	0.000	97	16986	5.00	4.99	
77 Dichlorobromomethane	83	6.409	6.408	0.001	95	22512	5.00	4.84	
78 2-Nitropropane	41	6.776	6.775	0.001	97	5841	10.0	8.49	
80 Epichlorohydrin	57	6.917	6.912	0.005	97	18036	100.0	100.0	
81 cis-1,3-Dichloropropene	75	7.001	7.001	0.000	94	29912	5.00	5.08	
82 4-Methyl-2-pentanone (MIBK)	43	7.200	7.200	0.000	97	56550	25.0	25.5	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	563437	50.0	49.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.394	7.389	0.005	93	79282	5.00	5.17	
85 trans-1,3-Dichloropropene	75	7.798	7.793	0.005	98	24690	5.00	4.84	
86 Ethyl methacrylate	69	7.871	7.871	0.000	87	18514	5.00	4.97	
87 1,1,2-Trichloroethane	83	8.044	8.044	0.000	92	12231	5.00	4.95	
88 Tetrachloroethene	166	8.123	8.123	0.000	92	22690	5.00	4.99	
89 1,3-Dichloropropane	76	8.291	8.291	0.000	94	25982	5.00	5.10	
90 2-Hexanone	43	8.396	8.396	0.000	96	38406	25.0	24.0	
91 Chlorodibromomethane	129	8.564	8.563	0.001	81	15433	5.00	4.65	
93 n-Butyl acetate	43	8.564	8.563	0.001	96	18898	5.00	5.09	
92 Ethylene Dibromide	107	8.737	8.736	0.001	95	14523	5.00	4.91	
* 94 Chlorobenzene-d5	117	9.423	9.423	0.000	84	474998	50.0	50.0	
95 Chlorobenzene	112	9.465	9.465	0.000	93	51946	5.00	5.20	
97 Ethylbenzene	106	9.617	9.612	0.005	98	28346	5.00	5.23	
96 1,1,1,2-Tetrachloroethane	131	9.612	9.612	0.000	38	17645	5.00	4.97	
98 m-Xylene & p-Xylene	106	9.811	9.811	0.000	92	34862	5.00	5.19	
99 o-Xylene	106	10.446	10.440	0.006	94	33729	5.00	5.27	
101 n-Butyl acrylate	73	10.462	10.461	0.001	92	10400	5.00	5.11	
100 Styrene	104	10.483	10.482	0.000	94	53142	5.00	5.26	
102 Bromoform	173	10.776	10.776	0.000	83	8922	5.00	4.68	
103 Amyl acetate (mixed isomers)	43	10.850	10.849	0.001	89	20396	5.00	4.59	
104 Isopropylbenzene	105	11.038	11.043	-0.005	96	78103	5.00	5.21	
$ 105 4-Bromofluorobenzene	174	11.327	11.326	0.001	93	199242	50.0	49.9	
106 Bromobenzene	156	11.510	11.510	0.000	94	22240	5.00	5.01	
107 1,1,2,2-Tetrachloroethane	83	11.599	11.599	0.000	90	15180	5.00	4.94	
108 1,2,3-Trichloropropane	110	11.652	11.646	0.006	57	5341	5.00	5.12	
110 N-Propylbenzene	91	11.662	11.662	0.000	99	97793	5.00	5.25	
109 trans-1,4-Dichloro-2-butene	53	11.699	11.699	0.000	85	4555	5.00	4.55	
111 2-Chlorotoluene	91	11.783	11.783	0.000	96	62339	5.00	5.17	
112 4-Ethyltoluene	105	11.825	11.825	0.000	99	81915	5.00	5.21	
114 1,3,5-Trimethylbenzene	105	11.919	11.924	-0.005	90	67484	5.00	5.25	
113 4-Chlorotoluene	91	11.940	11.940	0.000	98	69912	5.00	5.28	
115 Butyl Methacrylate	87	12.087	12.087	0.000	91	17541	5.00	4.71	
116 tert-Butylbenzene	119	12.302	12.302	0.000	93	59115	5.00	5.23	
117 1,2,4-Trimethylbenzene	105	12.375	12.375	0.000	98	67756	5.00	5.16	
118 sec-Butylbenzene	105	12.564	12.559	0.005	98	80362	5.00	5.24	
119 1,3-Dichlorobenzene	146	12.695	12.695	0.000	95	37777	5.00	4.99	
122 4-Isopropyltoluene	119	12.732	12.732	0.000	90	69462	5.00	5.23	
* 120 1,4-Dichlorobenzene-d4	152	12.779	12.779	0.000	95	254282	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.805	12.805	0.000	92	37532	5.00	4.95	
123 1,2,3-Trimethylbenzene	105	12.847	12.847	0.000	99	67044	5.00	5.19	
124 Benzyl chloride	91	12.962	12.962	0.000	98	24116	5.00	4.55	
125 2,3-Dihydroindene	117	13.041	13.041	0.000	90	57850	5.00	5.11	
127 p-Diethylbenzene	119	13.136	13.135	0.001	92	38610	5.00	5.07	
128 n-Butylbenzene	92	13.162	13.162	0.000	97	31810	5.00	5.07	
126 1,2-Dichlorobenzene	146	13.188	13.188	0.000	95	32918	5.00	4.99	
130 1,2,4,5-Tetramethylbenzene	119	13.885	13.885	0.000	96	53905	5.00	4.91	
129 1,2-Dibromo-3-Chloropropane	157	13.943	13.943	0.000	83	2638	5.00	4.80	
131 1,3,5-Trichlorobenzene	180	14.095	14.095	0.000	97	22330	5.00	4.75	
132 1,2,4-Trichlorobenzene	180	14.625	14.624	0.001	93	16357	5.00	4.48	
133 Hexachlorobutadiene	225	14.735	14.734	0.001	76	9602	5.00	4.70	
134 Naphthalene	128	14.824	14.824	0.000	99	31915	5.00	3.99	
135 1,2,3-Trichlorobenzene	180	15.018	15.018	0.000	91	12398	5.00	4.26	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.4	
S 137 Xylenes, Total	100				0		10.0	10.5	
S 140 Total BTEX	1				0		25.0	26.1	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.92	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00189	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00214	Amount Added:	10.00	Units: uL	
GASES Li_00669	Amount Added:	10.00	Units: uL	
524FREONS_00044	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00083	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 14-Nov-2025 17:38:03 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694804.D

Injection Date: 10-Nov-2025 09:38:24 Instrument ID: CVOAMS15

Lims ID: STD5

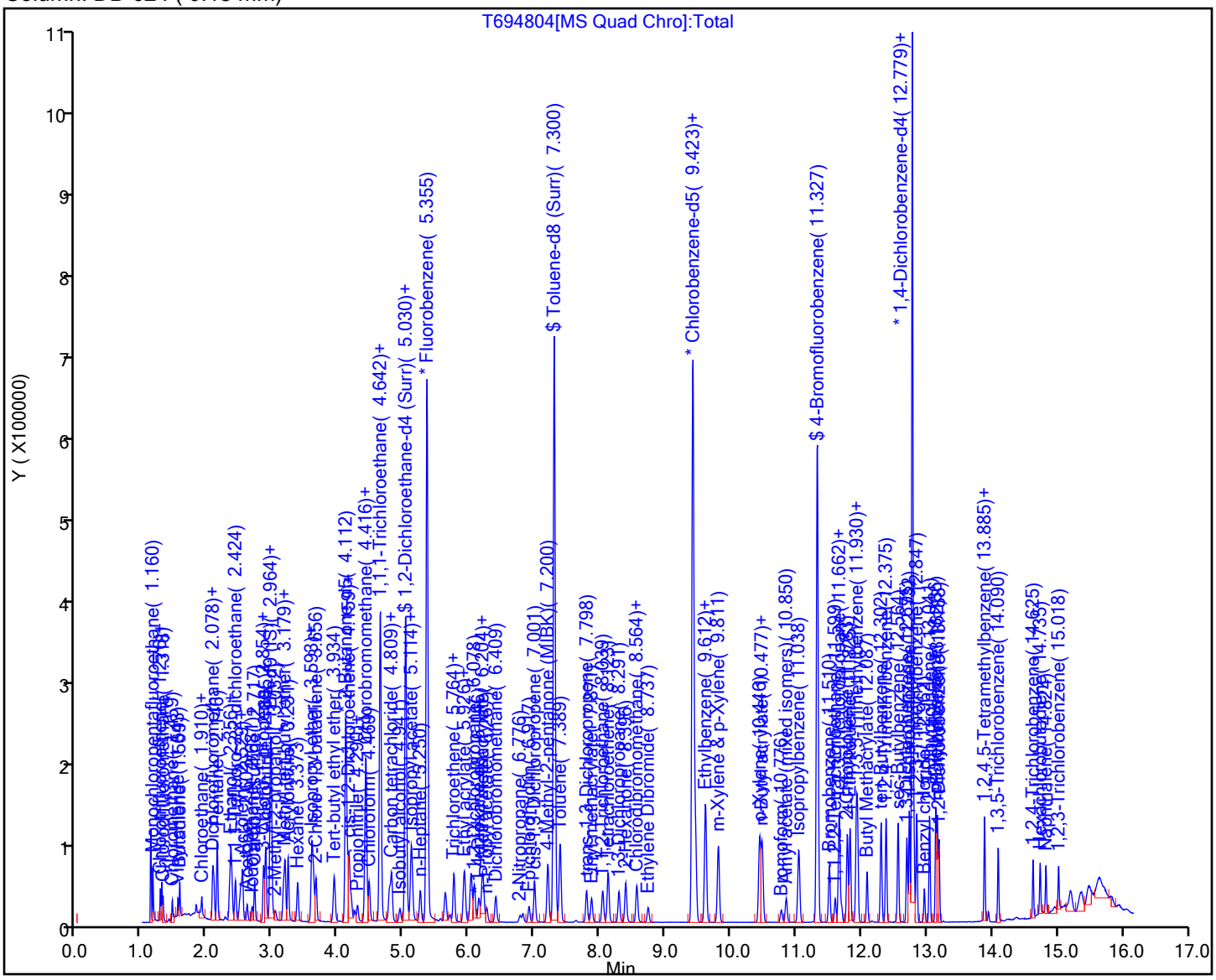
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

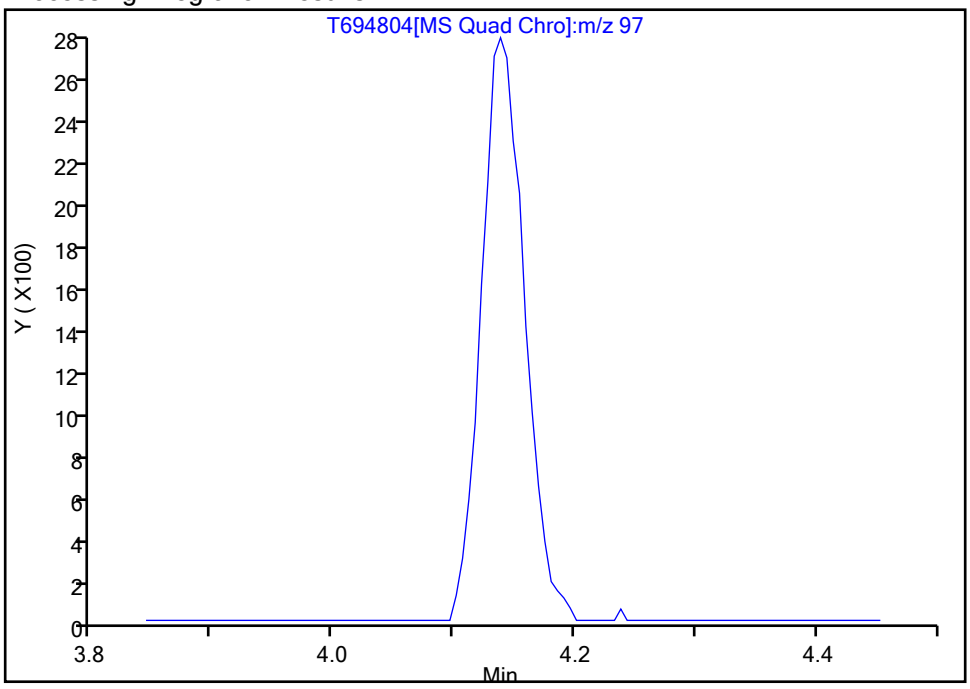
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694804.D
Injection Date: 10-Nov-2025 09:38:24 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

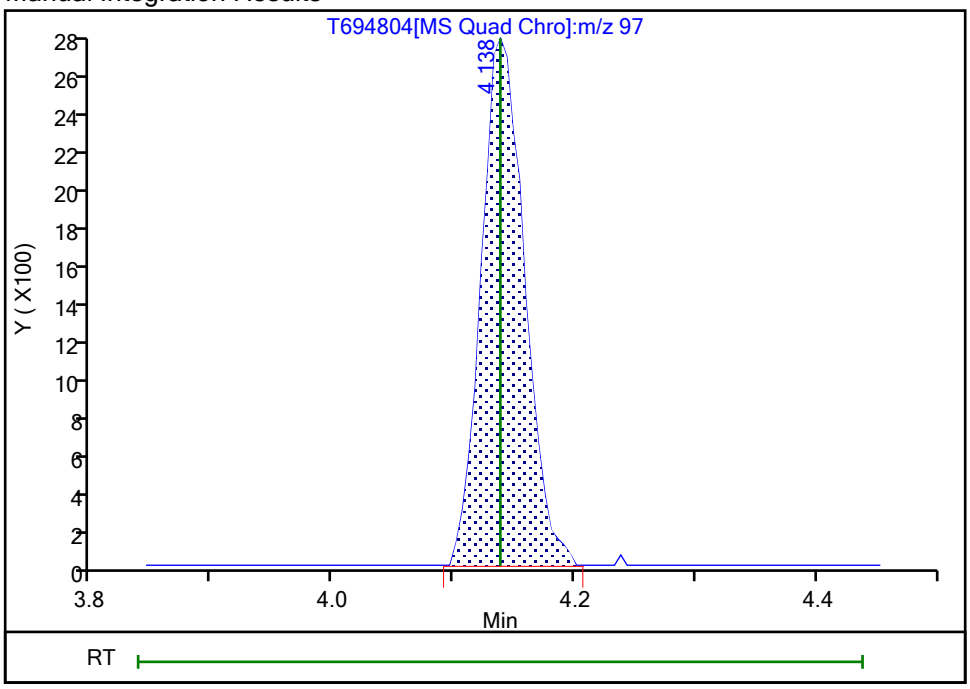
Not Detected
Expected RT: 4.14

Processing Integration Results



Manual Integration Results

RT: 4.14
Area: 6919
Amount: 5.275574
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:05:46 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

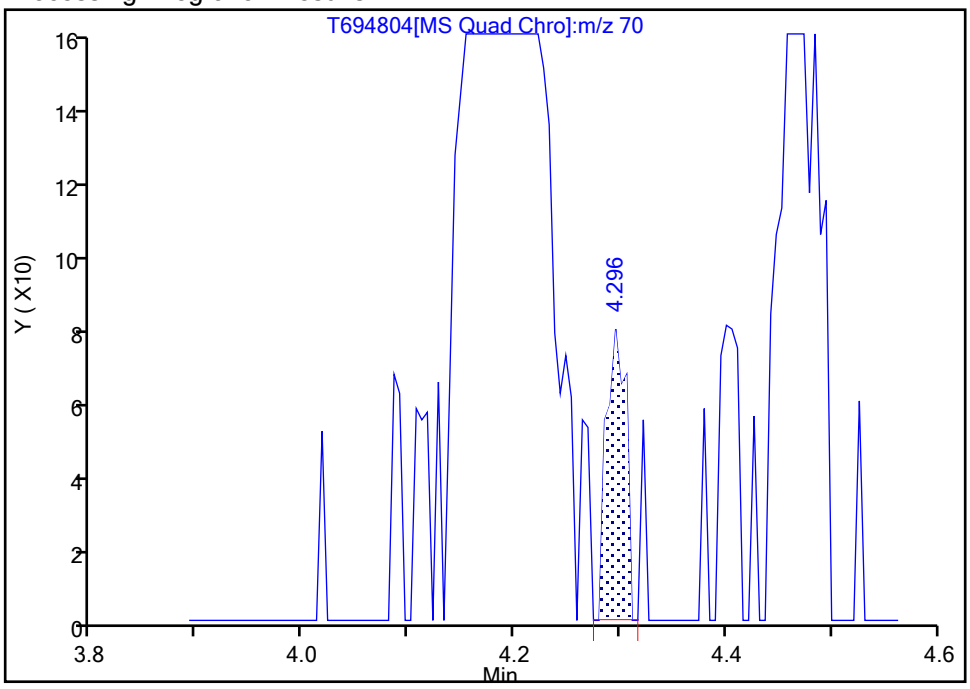
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694804.D
Injection Date: 10-Nov-2025 09:38:24 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

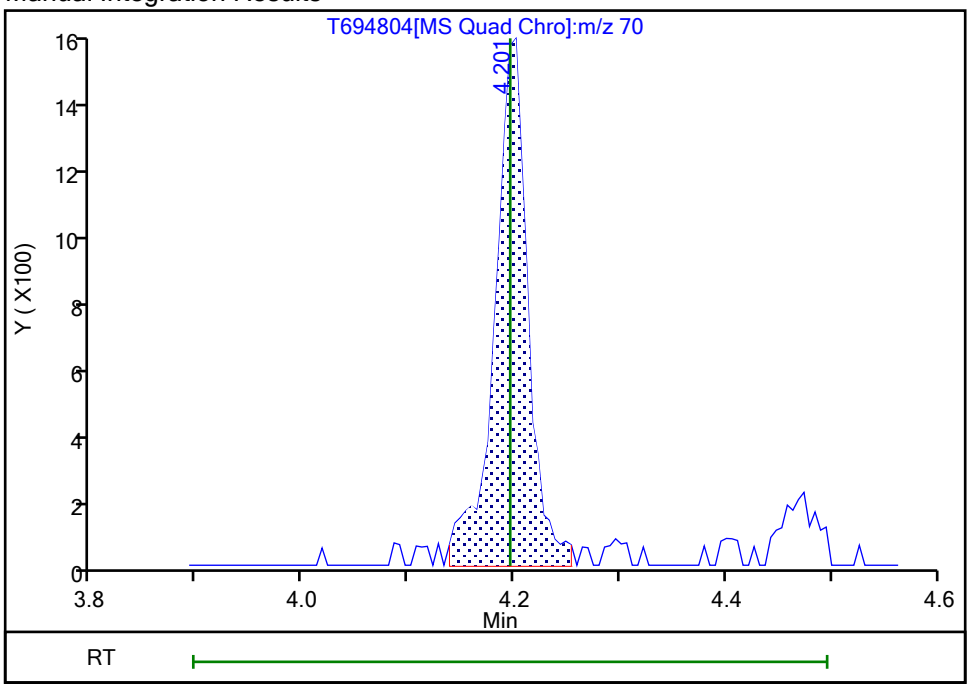
Processing Integration Results

RT: 4.30
Area: 99
Amount: 0.334416
Amount Units: ug/l



Manual Integration Results

RT: 4.20
Area: 3366
Amount: 9.549004
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:05:56 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

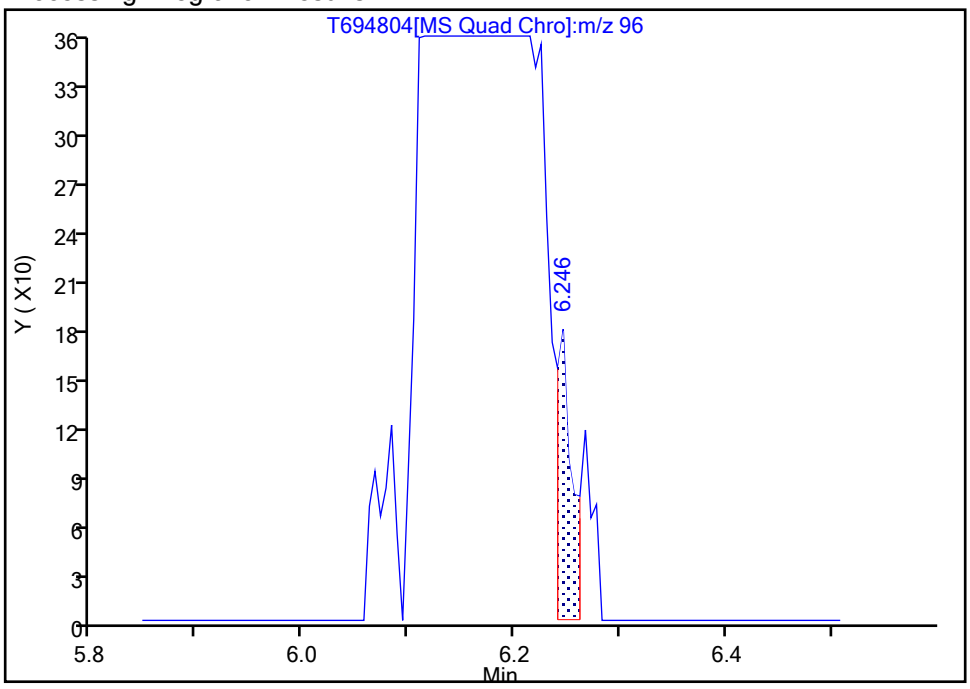
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694804.D
Injection Date: 10-Nov-2025 09:38:24 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

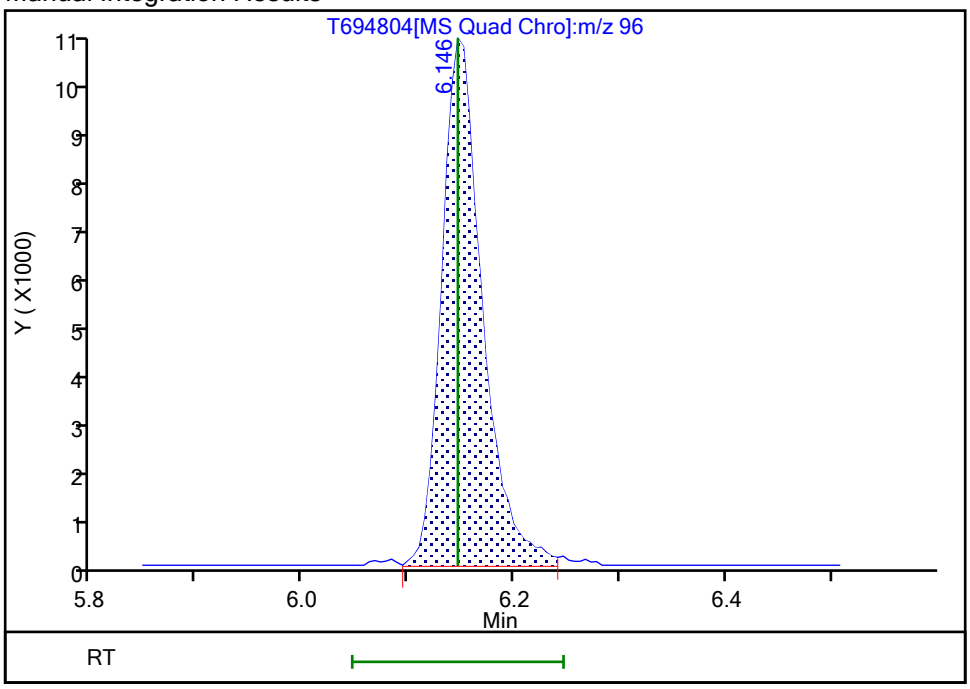
Processing Integration Results

RT: 6.25
Area: 181
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.15
Area: 27136
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:05:29 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 14-Nov-2025 17:38:23 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694805.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 10-Nov-2025 10:01:48 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0199009-008
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Nov-2025 17:38:22 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 10-Nov-2025 10:29:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.171	0.000	52	2926	20.0	20.0	
3 Chlorotrifluoroethene	116	1.270	1.270	0.000	76	15629	20.0	20.8	
2 1,1-Difluoroethane	65	1.275	1.275	0.000	95	29821	20.0	20.0	
4 Dichlorodifluoromethane	85	1.296	1.296	0.000	89	90405	20.0	19.8	
5 Chlorodifluoromethane	67	1.317	1.317	0.000	79	13854	20.0	19.4	
6 Chloromethane	50	1.459	1.459	0.000	89	57300	20.0	19.8	
7 Vinyl chloride	62	1.543	1.543	0.000	84	51709	20.0	21.0	
8 Butadiene	54	1.569	1.569	0.000	96	42336	20.0	20.9	
9 Bromomethane	94	1.821	1.821	0.000	97	17389	20.0	19.3	
10 Chloroethane	64	1.910	1.910	0.000	97	38168	20.0	21.2	
11 Dichlorofluoromethane	67	2.072	2.072	0.000	91	160438	20.0	21.6	
12 Trichlorofluoromethane	101	2.093	2.093	0.000	88	128169	20.0	21.1	
13 Pentane	72	2.146	2.146	0.000	95	21697	40.0	43.7	
14 Ethanol	46	2.266	2.266	0.000	97	7365	800.0	742.8	
15 Ethyl ether	59	2.329	2.329	0.000	93	57411	20.0	21.4	
17 2-Methyl-1,3-butadiene	53	2.350	2.350	0.000	93	61316	20.0	21.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.366	2.366	0.000	88	63965	20.0	20.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.424	2.424	0.000	89	94049	20.0	20.1	
19 Acrolein	56	2.481	2.481	0.000	97	18513	40.0	41.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.508	2.508	0.000	95	65168	20.0	21.8	
20 1,1-Dichloroethene	96	2.534	2.534	0.000	91	70402	20.0	21.9	
22 Acetone	43	2.602	2.602	0.000	86	75105	100.0	88.3	
23 Iodomethane	142	2.675	2.675	0.000	99	79877	20.0	20.2	
25 Isopropyl alcohol	45	2.696	2.696	0.000	96	27553	200.0	199.3	
24 Carbon disulfide	76	2.717	2.717	0.000	99	217921	20.0	22.2	
27 3-Chloro-1-propene	76	2.854	2.854	0.000	91	45992	20.0	23.1	
28 Methyl acetate	43	2.859	2.859	0.000	86	77026	40.0	41.3	
29 Cyclopentene	67	2.885	2.885	0.000	89	181460	20.0	22.3	
26 Acetonitrile	41	2.885	2.885	0.000	60	96501	200.0	220.3	
* 31 TBA-d9 (IS)	66	2.964	2.964	0.000	98	37816	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.974	2.974	0.000	87	80479	20.0	20.9	
32 2-Methyl-2-propanol	59	3.037	3.037	0.000	99	47452	200.0	199.5	
35 Methyl tert-butyl ether	73	3.163	3.163	0.000	96	198673	20.0	21.3	
34 trans-1,2-Dichloroethene	96	3.184	3.184	0.000	87	79409	20.0	21.4	
33 Acrylonitrile	53	3.231	3.231	0.000	93	195164	200.0	210.3	
36 Hexane	57	3.373	3.373	0.000	93	83170	20.0	20.9	
40 Isopropyl ether	45	3.593	3.593	0.000	93	231786	20.0	22.8	
37 1,1-Dichloroethane	63	3.598	3.598	0.000	83	139905	20.0	21.9	
38 Vinyl acetate	86	3.619	3.619	0.000	99	26141	40.0	45.0	
39 2-Chloro-1,3-butadiene	88	3.656	3.656	0.000	90	68806	20.0	22.4	
41 Tert-butyl ethyl ether	59	3.934	3.934	0.000	89	221846	20.0	21.8	
* 42 2-Butanone-d5	46	4.112	4.112	0.000	84	271591	250.0	250.0	
44 2,2-Dichloropropane	97	4.138	4.138	0.000	92	28985	20.0	21.8	
43 cis-1,2-Dichloroethene	96	4.159	4.159	0.000	91	89999	20.0	22.0	
45 2-Butanone (MEK)	72	4.170	4.170	0.000	100	30733	100.0	99.1	
47 Ethyl acetate	70	4.196	4.196	0.000	99	13333	40.0	38.0	a
48 Methyl acrylate	55	4.248	4.248	0.000	99	48151	20.0	19.7	
46 Propionitrile	54	4.290	4.290	0.000	98	73092	200.0	206.3	
49 Chlorobromomethane	128	4.400	4.400	0.000	78	41880	20.0	22.4	
51 Tetrahydrofuran	72	4.411	4.411	0.000	29	12708	40.0	43.1	
50 Methacrylonitrile	67	4.421	4.421	0.000	92	237856	200.0	220.9	
52 Chloroform	83	4.468	4.468	0.000	93	148138	20.0	21.6	
54 1,1,1-Trichloroethane	97	4.636	4.636	0.000	76	134318	20.0	21.7	
$ 53 Dibromofluoromethane (Surr)	113	4.642	4.642	0.000	97	161767	50.0	50.4	
55 Cyclohexane	84	4.642	4.642	0.000	71	100855	20.0	21.9	
56 Carbon tetrachloride	117	4.778	4.778	0.000	90	115143	20.0	21.2	
57 1,1-Dichloropropene	75	4.809	4.809	0.000	95	111405	20.0	21.8	
59 Isobutyl alcohol	43	4.940	4.940	0.000	97	44737	500.0	509.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	69	181351	50.0	50.0	
60 Benzene	78	5.024	5.024	0.000	95	306431	20.0	21.7	
62 Isooctane	57	5.035	5.035	0.000	66	149783	20.0	21.5	
63 Isopropyl acetate	61	5.108	5.108	0.000	94	31912	20.0	21.0	
61 1,2-Dichloroethane	62	5.113	5.113	0.000	82	108263	20.0	21.2	
64 Tert-amyl methyl ether	73	5.124	5.124	0.000	90	195639	20.0	22.1	
66 n-Heptane	43	5.250	5.250	0.000	93	68292	20.0	20.2	
* 65 Fluorobenzene	96	5.355	5.355	0.000	98	628777	50.0	50.0	
68 n-Butanol	56	5.701	5.701	0.000	89	26261	500.0	472.3	
67 Trichloroethene	95	5.764	5.764	0.000	94	87054	20.0	21.3	
69 Ethyl acrylate	55	5.921	5.921	0.000	95	149319	20.0	21.3	
70 Methylcyclohexane	83	5.926	5.926	0.000	87	105626	20.0	21.3	
71 1,2-Dichloropropane	63	6.078	6.078	0.000	87	77628	20.0	21.2	
* 73 1,4-Dioxane-d8	96	6.146	6.146	0.000	1	26987	1000.0	1000.0	
75 Methyl methacrylate	100	6.199	6.199	0.000	90	31684	40.0	42.4	
74 1,4-Dioxane	88	6.214	6.214	0.000	38	10964	400.0	439.2	
72 Dibromomethane	93	6.220	6.220	0.000	94	46036	20.0	21.2	
76 n-Propyl acetate	43	6.267	6.267	0.000	98	72332	20.0	20.9	
77 Dichlorobromomethane	83	6.408	6.408	0.000	95	102138	20.0	21.6	
78 2-Nitropropane	41	6.775	6.775	0.000	98	26564	40.0	38.7	
80 Epichlorohydrin	57	6.912	6.912	0.000	99	66980	400.0	372.6	
81 cis-1,3-Dichloropropene	75	7.001	7.001	0.000	88	131607	20.0	22.1	
82 4-Methyl-2-pentanone (MIBK)	43	7.200	7.200	0.000	96	237386	100.0	107.6	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	570177	50.0	49.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.389	7.389	0.000	94	333426	20.0	21.5	
85 trans-1,3-Dichloropropene	75	7.793	7.793	0.000	94	112438	20.0	21.8	
86 Ethyl methacrylate	69	7.871	7.871	0.000	89	78046	20.0	20.7	
87 1,1,2-Trichloroethane	83	8.044	8.044	0.000	91	51539	20.0	20.6	
88 Tetrachloroethene	166	8.123	8.123	0.000	93	96649	20.0	21.0	
89 1,3-Dichloropropane	76	8.291	8.291	0.000	94	109393	20.0	21.2	
90 2-Hexanone	43	8.396	8.396	0.000	96	160343	100.0	100.7	
91 Chlorodibromomethane	129	8.563	8.563	0.000	90	72691	20.0	21.6	
93 n-Butyl acetate	43	8.563	8.563	0.000	98	78936	20.0	21.0	
92 Ethylene Dibromide	107	8.736	8.736	0.000	98	63411	20.0	21.2	
* 94 Chlorobenzene-d5	117	9.423	9.423	0.000	85	481185	50.0	50.0	
95 Chlorobenzene	112	9.465	9.465	0.000	94	221443	20.0	21.9	
97 Ethylbenzene	106	9.612	9.612	0.000	98	121694	20.0	22.2	
96 1,1,1,2-Tetrachloroethane	131	9.612	9.612	0.000	40	79896	20.0	22.2	
98 m-Xylene & p-Xylene	106	9.811	9.811	0.000	92	148925	20.0	21.9	
99 o-Xylene	106	10.440	10.440	0.000	94	143671	20.0	22.1	
101 n-Butyl acrylate	73	10.461	10.461	0.000	95	44226	20.0	21.5	
100 Styrene	104	10.482	10.482	0.000	94	228276	20.0	22.3	
102 Bromoform	173	10.776	10.776	0.000	94	41564	20.0	21.5	
103 Amyl acetate (mixed isomers)	43	10.849	10.849	0.000	91	88657	20.0	20.0	
104 Isopropylbenzene	105	11.043	11.043	0.000	96	333071	20.0	21.9	
$ 105 4-Bromofluorobenzene	174	11.326	11.326	0.000	92	201354	50.0	49.8	
106 Bromobenzene	156	11.510	11.510	0.000	93	95525	20.0	21.6	
107 1,1,2,2-Tetrachloroethane	83	11.599	11.599	0.000	92	63639	20.0	20.7	
108 1,2,3-Trichloropropane	110	11.646	11.646	0.000	62	22030	20.0	21.2	
110 N-Propylbenzene	91	11.662	11.662	0.000	99	416927	20.0	22.4	
109 trans-1,4-Dichloro-2-butene	53	11.699	11.699	0.000	90	18980	20.0	19.0	
111 2-Chlorotoluene	91	11.783	11.783	0.000	96	266494	20.0	22.2	
112 4-Ethyltoluene	105	11.825	11.825	0.000	97	348994	20.0	22.2	
114 1,3,5-Trimethylbenzene	105	11.924	11.924	0.000	90	288305	20.0	22.5	
113 4-Chlorotoluene	91	11.940	11.940	0.000	98	295913	20.0	22.4	
115 Butyl Methacrylate	87	12.087	12.087	0.000	90	79258	20.0	21.3	
116 tert-Butylbenzene	119	12.302	12.302	0.000	93	249385	20.0	22.1	
117 1,2,4-Trimethylbenzene	105	12.375	12.375	0.000	98	292429	20.0	22.3	
118 sec-Butylbenzene	105	12.559	12.559	0.000	98	336003	20.0	22.0	
119 1,3-Dichlorobenzene	146	12.695	12.695	0.000	95	160601	20.0	21.3	
122 4-Isopropyltoluene	119	12.732	12.732	0.000	91	292472	20.0	22.1	
* 120 1,4-Dichlorobenzene-d4	152	12.779	12.779	0.000	95	253827	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.805	12.805	0.000	95	159369	20.0	21.1	
123 1,2,3-Trimethylbenzene	105	12.847	12.847	0.000	99	287022	20.0	22.3	
124 Benzyl chloride	91	12.962	12.962	0.000	98	108822	20.0	20.6	
125 2,3-Dihydroindene	117	13.041	13.041	0.000	90	247905	20.0	21.9	
127 p-Diethylbenzene	119	13.135	13.135	0.000	93	167943	20.0	22.1	
128 n-Butylbenzene	92	13.162	13.162	0.000	98	135609	20.0	21.7	
126 1,2-Dichlorobenzene	146	13.188	13.188	0.000	95	138966	20.0	21.1	
130 1,2,4,5-Tetramethylbenzene	119	13.885	13.885	0.000	96	236989	20.0	21.6	
129 1,2-Dibromo-3-Chloropropane	157	13.943	13.943	0.000	95	11237	20.0	20.5	
131 1,3,5-Trichlorobenzene	180	14.095	14.095	0.000	98	96577	20.0	20.6	
132 1,2,4-Trichlorobenzene	180	14.624	14.624	0.000	94	70422	20.0	19.3	
133 Hexachlorobutadiene	225	14.734	14.734	0.000	79	41413	20.0	20.3	
134 Naphthalene	128	14.824	14.824	0.000	99	134383	20.0	18.8	
135 1,2,3-Trichlorobenzene	180	15.018	15.018	0.000	94	53476	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.4	
S 137 Xylenes, Total	100				0		40.0	44.0	
S 140 Total BTEX	1				0		100.0	109.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	43.8	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00189	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00214	Amount Added:	20.00	Units: uL	
GASES Li_00669	Amount Added:	20.00	Units: uL	
524FREONS_00044	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00083	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 14-Nov-2025 17:38:23 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694805.D

Injection Date: 10-Nov-2025 10:01:48 Instrument ID: CVOAMS15

Lims ID: STD20

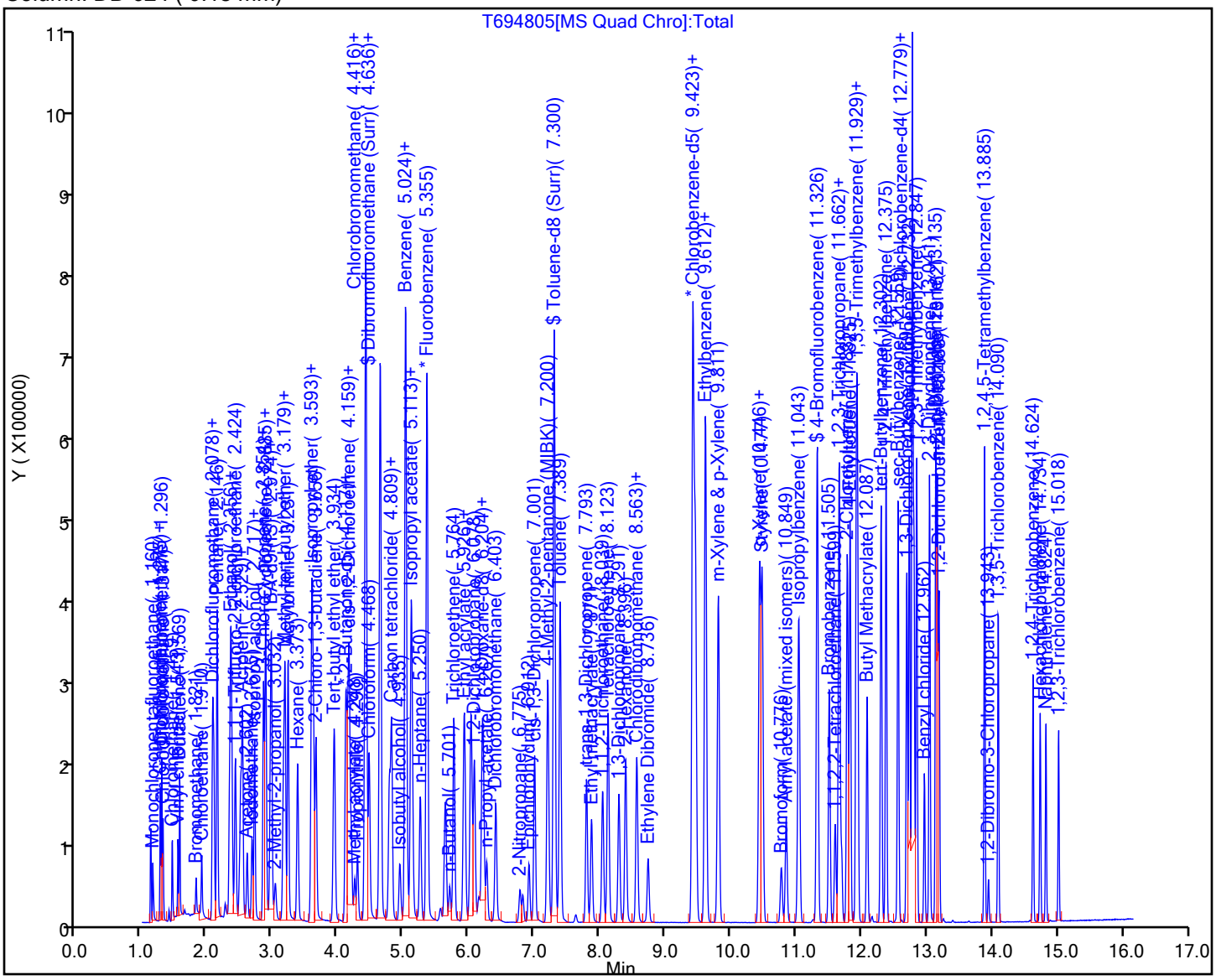
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

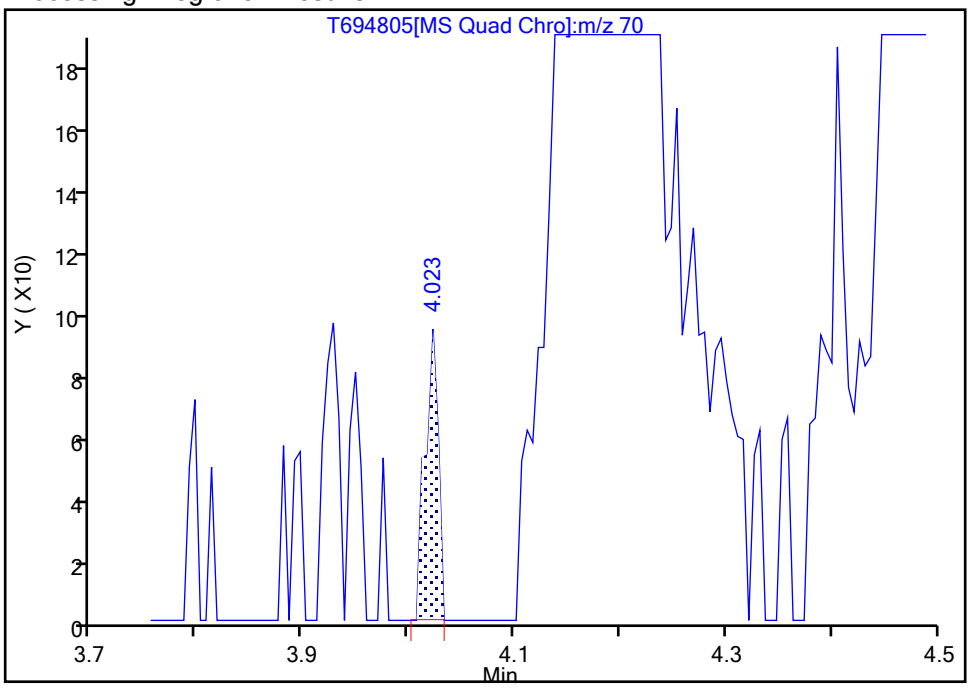
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694805.D
Injection Date: 10-Nov-2025 10:01:48 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

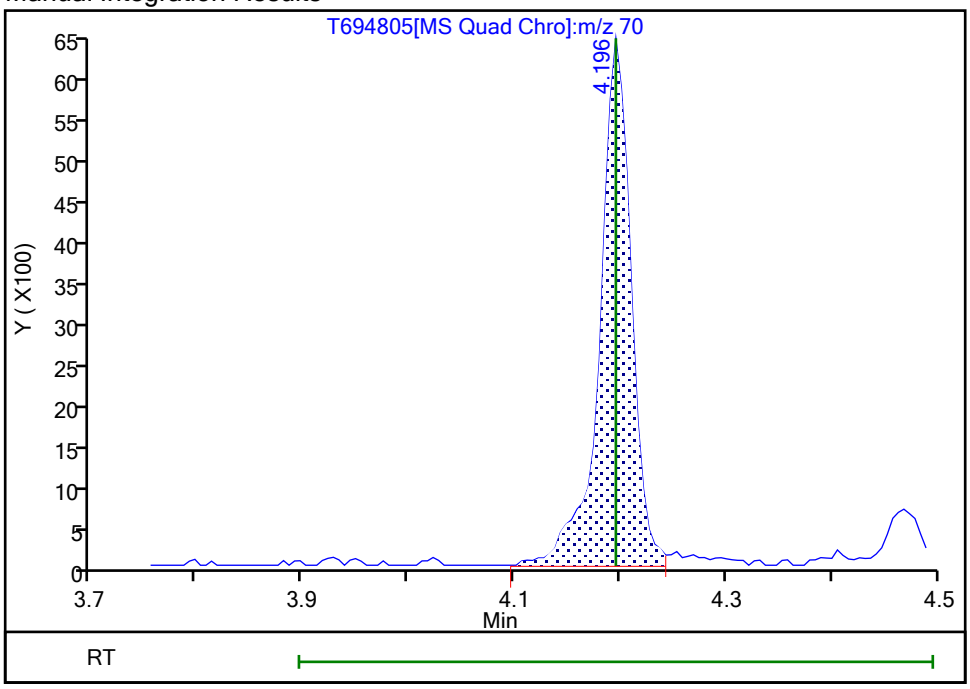
Processing Integration Results

RT: 4.02
Area: 82
Amount: 0.269779
Amount Units: ug/l



Manual Integration Results

RT: 4.20
Area: 13333
Amount: 37.958220
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 16:53:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694806.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 10-Nov-2025 10:25:09 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0199009-009
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Nov-2025 17:38:39 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 10-Nov-2025 11:00:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.170	1.171	-0.001	87	7362	50.0	45.1	
3 Chlorotrifluoroethene	116	1.270	1.270	0.000	77	39644	50.0	49.6	
2 1,1-Difluoroethane	65	1.275	1.275	0.000	96	73878	50.0	49.8	
4 Dichlorodifluoromethane	85	1.296	1.296	0.000	89	226965	50.0	49.2	
5 Chlorodifluoromethane	67	1.317	1.317	0.000	79	34155	50.0	48.2	
6 Chloromethane	50	1.459	1.459	0.000	89	141662	50.0	49.2	
7 Vinyl chloride	62	1.543	1.543	0.000	83	128750	50.0	52.7	
8 Butadiene	54	1.569	1.569	0.000	95	106143	50.0	52.7	
9 Bromomethane	94	1.821	1.821	0.000	97	45124	50.0	50.3	
10 Chloroethane	64	1.904	1.910	-0.006	97	89005	50.0	49.7	
11 Dichlorofluoromethane	67	2.072	2.072	0.000	91	396660	50.0	53.8	
12 Trichlorofluoromethane	101	2.093	2.093	0.000	88	324186	50.0	53.8	
13 Pentane	72	2.146	2.146	0.000	95	53596	100.0	108.7	
14 Ethanol	46	2.266	2.266	0.000	98	16491	2000.0	1749.6	
15 Ethyl ether	59	2.329	2.329	0.000	93	139319	50.0	53.4	
17 2-Methyl-1,3-butadiene	53	2.350	2.350	0.000	93	150505	50.0	52.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.366	2.366	0.000	87	156302	50.0	50.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.424	2.424	0.000	89	236050	50.0	50.7	
19 Acrolein	56	2.481	2.481	0.000	98	41569	100.0	97.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.507	2.508	-0.001	95	160286	50.0	53.9	
20 1,1-Dichloroethene	96	2.534	2.534	0.000	90	171605	50.0	53.7	
22 Acetone	43	2.602	2.602	0.000	86	184384	250.0	220.5	
23 Iodomethane	142	2.675	2.675	0.000	99	205704	50.0	52.8	
25 Isopropyl alcohol	45	2.696	2.696	0.000	96	64729	500.0	492.5	
24 Carbon disulfide	76	2.717	2.717	0.000	99	546514	50.0	56.1	
27 3-Chloro-1-propene	76	2.853	2.854	-0.001	91	110717	50.0	55.9	
28 Methyl acetate	43	2.859	2.859	0.000	90	191116	100.0	103.2	
29 Cyclopentene	67	2.885	2.885	0.000	90	453471	50.0	56.2	
26 Acetonitrile	41	2.885	2.885	0.000	59	231460	500.0	537.4	
* 31 TBA-d9 (IS)	66	2.964	2.964	0.000	95	35948	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.974	2.974	0.000	87	193533	50.0	50.5	
32 2-Methyl-2-propanol	59	3.037	3.037	0.000	99	111274	500.0	492.2	
35 Methyl tert-butyl ether	73	3.163	3.163	0.000	96	501291	50.0	54.1	
34 trans-1,2-Dichloroethene	96	3.184	3.184	0.000	86	196808	50.0	53.4	
33 Acrylonitrile	53	3.231	3.231	0.000	93	483052	500.0	524.0	
36 Hexane	57	3.373	3.373	0.000	92	215394	50.0	54.4	
40 Isopropyl ether	45	3.588	3.593	-0.005	95	562617	50.0	55.7	
37 1,1-Dichloroethane	63	3.598	3.598	0.000	83	338536	50.0	53.4	
38 Vinyl acetate	86	3.619	3.619	0.000	99	62286	100.0	109.0	
39 2-Chloro-1,3-butadiene	88	3.656	3.656	0.000	89	169845	50.0	55.7	
41 Tert-butyl ethyl ether	59	3.934	3.934	0.000	89	553952	50.0	54.7	
* 42 2-Butanone-d5	46	4.112	4.112	0.000	90	267080	250.0	250.0	a
44 2,2-Dichloropropane	97	4.138	4.138	0.000	92	70141	50.0	53.0	
43 cis-1,2-Dichloroethene	96	4.159	4.159	0.000	90	216515	50.0	53.2	
45 2-Butanone (MEK)	72	4.170	4.170	0.000	100	76045	250.0	249.5	
47 Ethyl acetate	70	4.196	4.196	0.000	99	32957	100.0	95.4	a
48 Methyl acrylate	55	4.248	4.248	0.000	100	122267	50.0	50.3	
46 Propionitrile	54	4.290	4.290	0.000	97	179115	500.0	508.8	
49 Chlorobromomethane	128	4.400	4.400	0.000	76	96938	50.0	52.3	
51 Tetrahydrofuran	72	4.411	4.411	0.000	29	30609	100.0	105.6	a
50 Methacrylonitrile	67	4.421	4.421	0.000	92	576880	500.0	539.3	
52 Chloroform	83	4.468	4.468	0.000	94	359825	50.0	52.9	
54 1,1,1-Trichloroethane	97	4.636	4.636	0.000	93	330633	50.0	53.6	
$ 53 Dibromofluoromethane (Surr)	113	4.641	4.642	-0.001	69	160101	50.0	50.2	
55 Cyclohexane	84	4.636	4.642	-0.006	86	248789	50.0	54.3	
56 Carbon tetrachloride	117	4.778	4.778	0.000	90	293109	50.0	54.4	
57 1,1-Dichloropropene	75	4.814	4.809	0.005	96	274453	50.0	54.0	
59 Isobutyl alcohol	43	4.940	4.940	0.000	97	110104	1250.0	1318.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	46	179462	50.0	49.8	
60 Benzene	78	5.024	5.024	0.000	97	737111	50.0	52.3	
62 Isooctane	57	5.035	5.035	0.000	67	375760	50.0	54.2	
63 Isopropyl acetate	61	5.108	5.108	0.000	94	79962	50.0	53.0	
61 1,2-Dichloroethane	62	5.113	5.113	0.000	80	262968	50.0	51.7	
64 Tert-amyl methyl ether	73	5.124	5.124	0.000	90	492822	50.0	55.9	
66 n-Heptane	43	5.250	5.250	0.000	92	178756	50.0	53.2	
* 65 Fluorobenzene	96	5.354	5.355	-0.001	98	624681	50.0	50.0	
68 n-Butanol	56	5.700	5.701	-0.001	89	66280	1250.0	1253.9	
67 Trichloroethene	95	5.763	5.764	-0.001	95	212953	50.0	52.4	
69 Ethyl acrylate	55	5.921	5.921	0.000	95	378634	50.0	54.3	
70 Methylcyclohexane	83	5.926	5.926	0.000	86	265722	50.0	54.0	
71 1,2-Dichloropropane	63	6.078	6.078	0.000	87	192913	50.0	53.0	
* 73 1,4-Dioxane-d8	96	6.146	6.146	0.000	7	25918	1000.0	1000.0	
75 Methyl methacrylate	100	6.199	6.199	0.000	89	79387	100.0	107.0	
74 1,4-Dioxane	88	6.214	6.214	0.000	37	25498	1000.0	1063.6	
72 Dibromomethane	93	6.220	6.220	0.000	93	112987	50.0	52.3	
76 n-Propyl acetate	43	6.267	6.267	0.000	98	182452	50.0	53.1	
77 Dichlorobromomethane	83	6.403	6.408	-0.005	99	258634	50.0	55.1	
78 2-Nitropropane	41	6.781	6.775	0.006	97	72378	100.0	107.3	
80 Epichlorohydrin	57	6.917	6.912	0.005	98	200217	1000.0	1132.6	
81 cis-1,3-Dichloropropene	75	7.001	7.001	0.000	88	327056	50.0	55.0	
82 4-Methyl-2-pentanone (MIBK)	43	7.200	7.200	0.000	96	589467	250.0	271.7	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	567609	50.0	49.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.394	7.389	0.005	94	813257	50.0	52.5	
85 trans-1,3-Dichloropropene	75	7.792	7.793	-0.001	95	283466	50.0	55.0	
86 Ethyl methacrylate	69	7.871	7.871	0.000	89	196111	50.0	52.2	
87 1,1,2-Trichloroethane	83	8.039	8.044	-0.005	91	128265	50.0	51.3	
88 Tetrachloroethene	166	8.123	8.123	0.000	93	239546	50.0	52.2	
89 1,3-Dichloropropane	76	8.291	8.291	0.000	93	271331	50.0	52.7	
90 2-Hexanone	43	8.390	8.396	-0.006	96	397538	250.0	253.9	
91 Chlorodibromomethane	129	8.563	8.563	0.000	94	190713	50.0	56.8	
93 n-Butyl acetate	43	8.563	8.563	0.000	98	195135	50.0	52.1	
92 Ethylene Dibromide	107	8.736	8.736	0.000	98	157655	50.0	52.8	
* 94 Chlorobenzene-d5	117	9.418	9.423	-0.005	85	479759	50.0	50.0	
95 Chlorobenzene	112	9.465	9.465	0.000	93	536674	50.0	53.2	
97 Ethylbenzene	106	9.617	9.612	0.005	98	294914	50.0	53.9	
96 1,1,1,2-Tetrachloroethane	131	9.612	9.612	0.000	40	200306	50.0	55.9	
98 m-Xylene & p-Xylene	106	9.811	9.811	0.000	92	360863	50.0	53.2	
99 o-Xylene	106	10.440	10.440	0.000	94	345983	50.0	53.5	
101 n-Butyl acrylate	73	10.466	10.461	0.005	96	111492	50.0	54.2	
100 Styrene	104	10.482	10.482	0.000	94	548869	50.0	53.8	
102 Bromoform	173	10.776	10.776	0.000	98	112081	50.0	58.2	
103 Amyl acetate (mixed isomers)	43	10.849	10.849	0.000	91	225685	50.0	51.5	
104 Isopropylbenzene	105	11.043	11.043	0.000	96	803047	50.0	53.0	
$ 105 4-Bromofluorobenzene	174	11.326	11.326	0.000	93	198953	50.0	49.3	
106 Bromobenzene	156	11.510	11.510	0.000	94	233506	50.0	53.4	
107 1,1,2,2-Tetrachloroethane	83	11.599	11.599	0.000	93	157739	50.0	52.1	
108 1,2,3-Trichloropropane	110	11.651	11.646	0.005	57	53101	50.0	51.7	
110 N-Propylbenzene	91	11.662	11.662	0.000	99	1007354	50.0	54.9	
109 trans-1,4-Dichloro-2-butene	53	11.699	11.699	0.000	92	51053	50.0	51.8	
111 2-Chlorotoluene	91	11.782	11.783	-0.001	97	636027	50.0	53.6	
112 4-Ethyltoluene	105	11.824	11.825	-0.001	98	845267	50.0	54.5	
114 1,3,5-Trimethylbenzene	105	11.924	11.924	0.000	90	692115	50.0	54.6	
113 4-Chlorotoluene	91	11.940	11.940	0.000	99	703663	50.0	53.9	
115 Butyl Methacrylate	87	12.087	12.087	0.000	90	202932	50.0	55.3	
116 tert-Butylbenzene	119	12.302	12.302	0.000	90	597009	50.0	53.6	
117 1,2,4-Trimethylbenzene	105	12.375	12.375	0.000	98	704078	50.0	54.4	
118 sec-Butylbenzene	105	12.558	12.559	-0.001	98	809258	50.0	53.6	
119 1,3-Dichlorobenzene	146	12.695	12.695	0.000	96	394048	50.0	52.9	
122 4-Isopropyltoluene	119	12.732	12.732	0.000	92	706754	50.0	54.1	
* 120 1,4-Dichlorobenzene-d4	152	12.779	12.779	0.000	95	250442	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.805	12.805	0.000	95	390013	50.0	52.2	
123 1,2,3-Trimethylbenzene	105	12.847	12.847	0.000	98	687976	50.0	54.1	
124 Benzyl chloride	91	12.962	12.962	0.000	99	293932	50.0	56.3	
125 2,3-Dihydroindene	117	13.041	13.041	0.000	90	607393	50.0	54.5	
127 p-Diethylbenzene	119	13.135	13.135	0.000	93	411410	50.0	54.9	
128 n-Butylbenzene	92	13.161	13.162	-0.001	98	327538	50.0	53.0	
126 1,2-Dichlorobenzene	146	13.188	13.188	0.000	96	340678	50.0	52.5	
130 1,2,4,5-Tetramethylbenzene	119	13.885	13.885	0.000	97	589069	50.0	54.5	
129 1,2-Dibromo-3-Chloropropane	157	13.943	13.943	0.000	96	30117	50.0	55.6	
131 1,3,5-Trichlorobenzene	180	14.095	14.095	0.000	97	239699	50.0	51.7	
132 1,2,4-Trichlorobenzene	180	14.624	14.624	0.000	93	181808	50.0	50.7	
133 Hexachlorobutadiene	225	14.734	14.734	0.000	81	103888	50.0	51.7	
134 Naphthalene	128	14.824	14.824	0.000	99	361401	50.0	52.3	
135 1,2,3-Trichlorobenzene	180	15.017	15.018	-0.001	94	139669	50.0	51.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		100.0	106.6	
S 137 Xylenes, Total	100				0		100.0	106.7	
S 140 Total BTEX	1				0		250.0	265.3	
S 139 1,3-Dichloropropene, Total	1				0		100.0	110.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00214	Amount Added:	50.00	Units: uL	
ACROLEIN W_00189	Amount Added:	10.00	Units: uL	
GASES Li_00669	Amount Added:	50.00	Units: uL	
524FREONS_00044	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00083	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 14-Nov-2025 17:38:39 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694806.D

Injection Date: 10-Nov-2025 10:25:09 Instrument ID: CVOAMS15

Lims ID: STD50

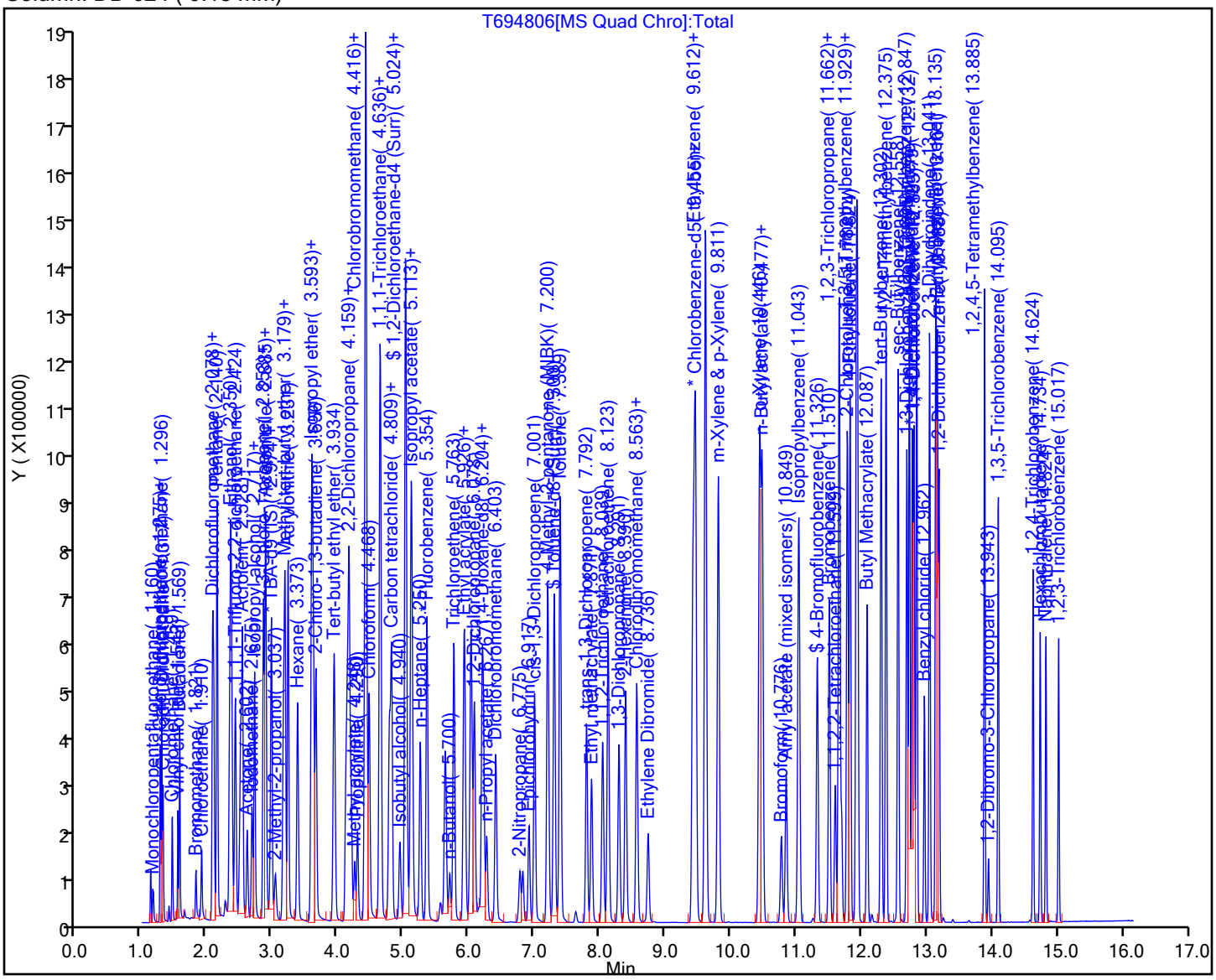
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

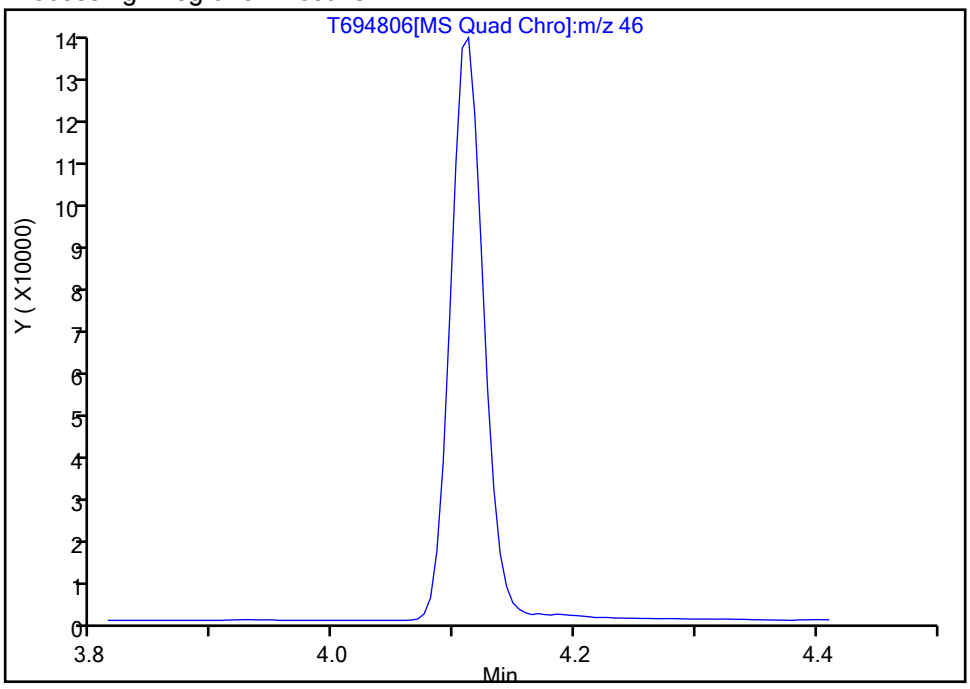
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694806.D
Injection Date: 10-Nov-2025 10:25:09 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

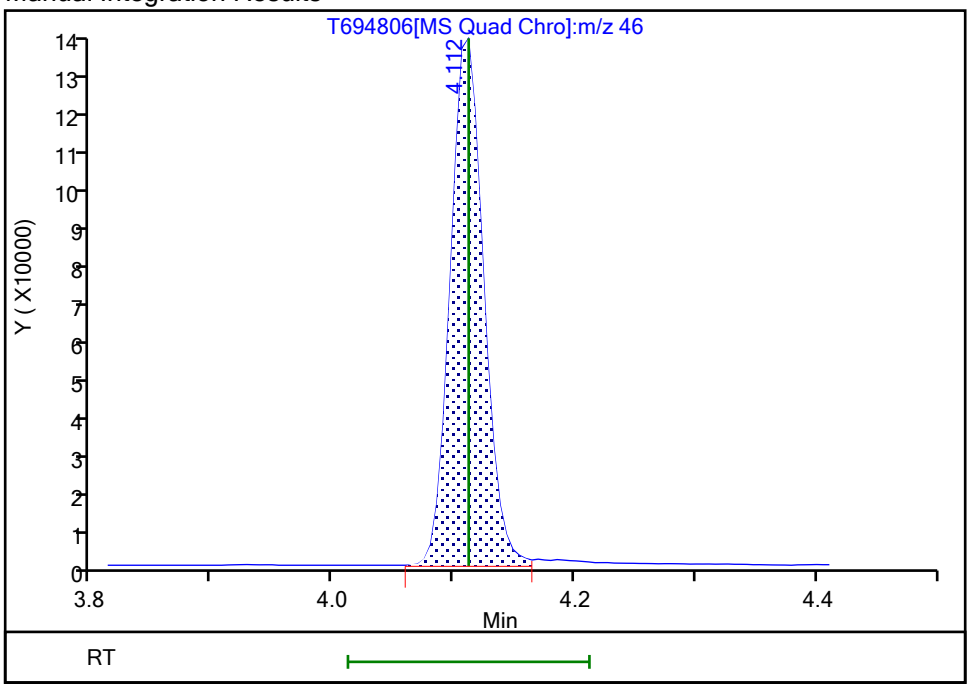
Not Detected
Expected RT: 4.11

Processing Integration Results



Manual Integration Results

RT: 4.11
Area: 267080
Amount: 250.0000
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:06:41 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

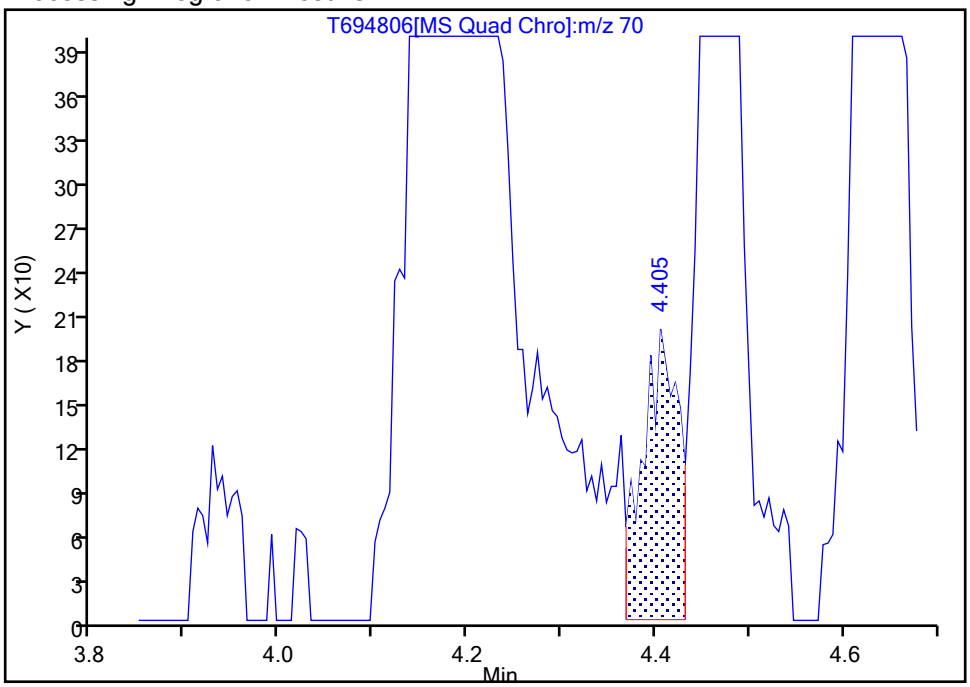
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694806.D
Injection Date: 10-Nov-2025 10:25:09 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

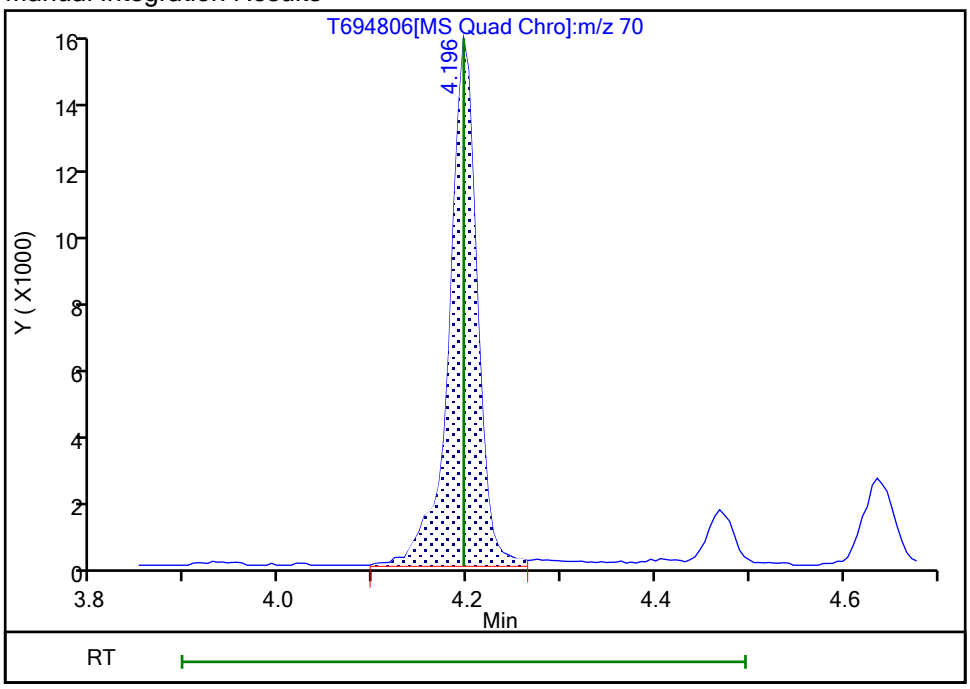
Processing Integration Results

RT: 4.41
Area: 534
Amount: 1.796940
Amount Units: ug/l



Manual Integration Results

RT: 4.20
Area: 32957
Amount: 95.411261
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:07:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

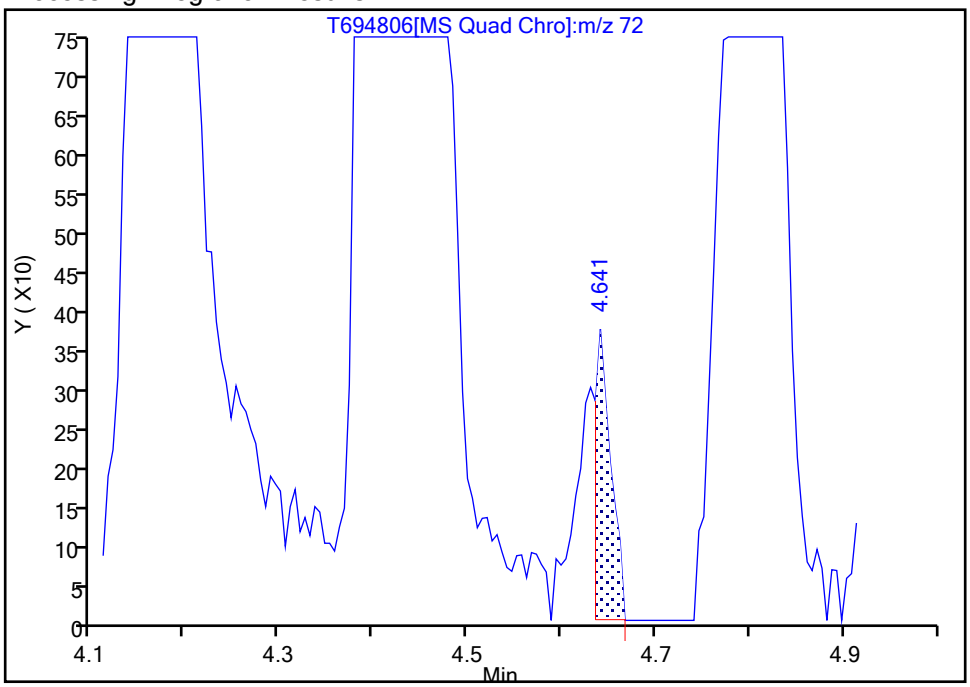
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694806.D
Injection Date: 10-Nov-2025 10:25:09 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

51 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

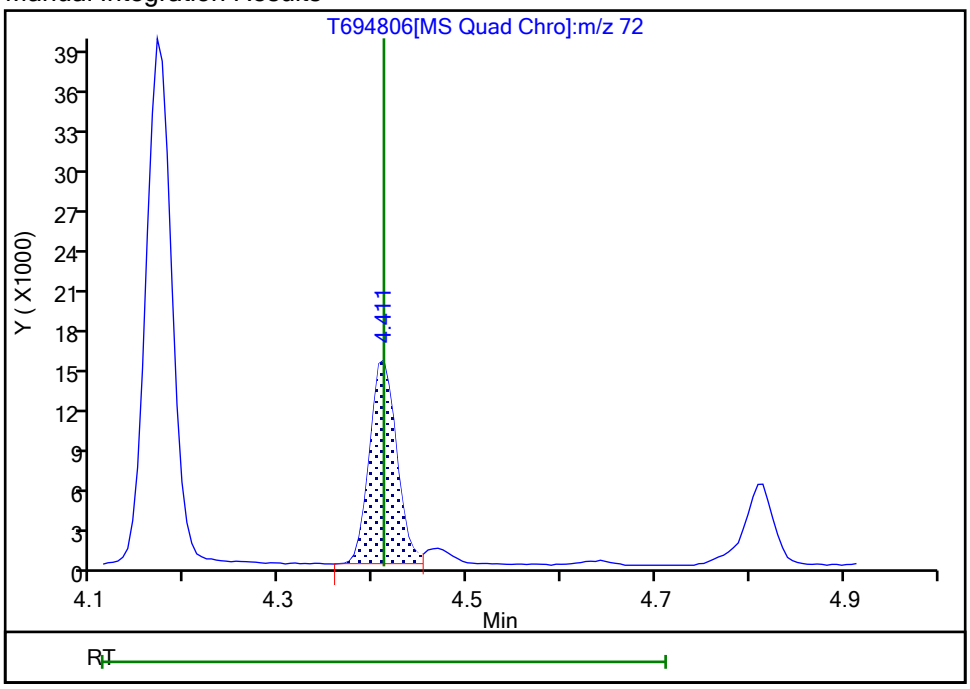
Processing Integration Results

RT: 4.64
Area: 438
Amount: 1.879107
Amount Units: ug/l



Manual Integration Results

RT: 4.41
Area: 30609
Amount: 105.6120
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:07:09 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 14-Nov-2025 17:38:57 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694807.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 10-Nov-2025 10:48:35 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0199009-010
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Nov-2025 17:38:56 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 10-Nov-2025 11:34:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.171	0.000	87	55165	200.0	202.0	
3 Chlorotrifluoroethene	116	1.270	1.270	0.000	75	209265	200.0	200.0	
2 1,1-Difluoroethane	65	1.276	1.275	0.001	95	306267	200.0	210.9	
4 Dichlorodifluoromethane	85	1.297	1.296	0.001	89	917617	200.0	201.5	
5 Chlorodifluoromethane	67	1.318	1.317	0.001	78	140871	200.0	203.1	
6 Chloromethane	50	1.454	1.459	-0.005	88	561452	200.0	199.2	
7 Vinyl chloride	62	1.543	1.543	0.000	84	469412	200.0	196.3	
8 Butadiene	54	1.569	1.569	0.000	95	387853	200.0	196.9	
9 Bromomethane	94	1.821	1.821	0.000	99	215110	200.0	245.0	
10 Chloroethane	64	1.905	1.910	-0.005	97	287710	200.0	164.1	
11 Dichlorofluoromethane	67	2.073	2.072	0.001	91	1391843	200.0	193.0	
12 Trichlorofluoromethane	101	2.094	2.093	0.001	100	1240018	200.0	210.3	
13 Pentane	72	2.141	2.146	-0.005	95	186672	400.0	386.8	
14 Ethanol	46	2.267	2.266	0.001	98	59397	8000.0	6385.0	
15 Ethyl ether	59	2.330	2.329	0.001	94	478268	200.0	189.1	
17 2-Methyl-1,3-butadiene	53	2.350	2.350	0.000	92	484460	200.0	171.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.366	2.366	0.000	87	577400	200.0	190.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.424	2.424	0.000	88	880361	200.0	193.2	
19 Acrolein	56	2.482	2.481	0.001	97	84509	200.0	200.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.503	2.508	-0.005	96	613421	200.0	210.8	
20 1,1-Dichloroethene	96	2.534	2.534	0.000	91	589149	200.0	188.3	
22 Acetone	43	2.602	2.602	0.000	86	987100	1000.0	1233.8	
23 Iodomethane	142	2.676	2.675	0.001	99	704926	200.0	198.8	
25 Isopropyl alcohol	45	2.697	2.696	0.001	97	229005	2000.0	1765.5	
24 Carbon disulfide	76	2.717	2.717	0.000	99	1715340	200.0	179.9	
27 3-Chloro-1-propene	76	2.854	2.854	0.000	90	338920	200.0	174.9	
28 Methyl acetate	43	2.859	2.859	0.000	96	636234	400.0	351.2	
29 Cyclopentene	67	2.885	2.885	0.000	90	1444502	200.0	182.9	
26 Acetonitrile	41	2.885	2.885	0.000	58	728520	2000.0	1768.2	
* 31 TBA-d9 (IS)	66	2.964	2.964	0.000	50	35478	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.974	2.974	0.000	86	677483	200.0	180.6	
32 2-Methyl-2-propanol	59	3.037	3.037	0.000	99	417786	2000.0	1872.7	
35 Methyl tert-butyl ether	73	3.158	3.163	-0.005	96	1780508	200.0	196.4	
34 trans-1,2-Dichloroethene	96	3.184	3.184	0.000	86	657489	200.0	182.3	
33 Acrylonitrile	53	3.231	3.231	0.000	93	1610572	2000.0	1785.4	
36 Hexane	57	3.373	3.373	0.000	92	813791	200.0	209.9	
40 Isopropyl ether	45	3.588	3.593	-0.005	94	1857720	200.0	187.8	
37 1,1-Dichloroethane	63	3.598	3.598	0.000	85	1121529	200.0	180.8	
38 Vinyl acetate	86	3.619	3.619	0.000	99	220961	400.0	404.2	
39 2-Chloro-1,3-butadiene	88	3.656	3.656	0.000	89	572443	200.0	191.9	
41 Tert-butyl ethyl ether	59	3.934	3.934	0.000	90	1953345	200.0	197.1	
* 42 2-Butanone-d5	46	4.112	4.112	0.000	73	255497	250.0	250.0	a
44 2,2-Dichloropropane	97	4.138	4.138	0.000	93	245146	200.0	189.4	
43 cis-1,2-Dichloroethene	96	4.159	4.159	0.000	92	747182	200.0	187.7	
45 2-Butanone (MEK)	72	4.170	4.170	0.000	100	300323	1000.0	1029.8	
47 Ethyl acetate	70	4.196	4.196	0.000	99	116541	400.0	352.7	a
48 Methyl acrylate	55	4.248	4.248	0.000	100	438062	200.0	184.1	
46 Propionitrile	54	4.290	4.290	0.000	98	621477	2000.0	1804.1	
49 Chlorobromomethane	128	4.401	4.400	0.001	86	321267	200.0	177.1	
51 Tetrahydrofuran	72	4.406	4.411	-0.005	33	99095	400.0	357.4	a
50 Methacrylonitrile	67	4.422	4.421	0.001	90	1812855	2000.0	1731.8	
52 Chloroform	83	4.469	4.468	0.001	94	1272953	200.0	191.1	
54 1,1,1-Trichloroethane	97	4.636	4.636	0.000	92	1157258	200.0	191.9	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.642	-0.006	38	150905	50.0	48.4	
55 Cyclohexane	84	4.636	4.642	-0.006	85	884976	200.0	197.4	
56 Carbon tetrachloride	117	4.778	4.778	0.000	90	1096365	200.0	207.8	
57 1,1-Dichloropropene	75	4.815	4.809	0.006	95	954675	200.0	191.8	
59 Isobutyl alcohol	43	4.941	4.940	0.001	98	417398	5000.0	5064.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	35	169274	50.0	48.0	
60 Benzene	78	5.024	5.024	0.000	97	2455325	200.0	178.1	
62 Isooctane	57	5.035	5.035	0.000	74	1515625	200.0	223.4	
63 Isopropyl acetate	61	5.108	5.108	0.000	94	272610	200.0	184.8	
61 1,2-Dichloroethane	62	5.114	5.113	0.001	86	905053	200.0	181.9	
64 Tert-amyl methyl ether	73	5.124	5.124	0.000	91	1718282	200.0	199.3	
66 n-Heptane	43	5.250	5.250	0.000	92	730050	200.0	222.1	
* 65 Fluorobenzene	96	5.355	5.355	0.000	98	611350	50.0	50.0	
68 n-Butanol	56	5.701	5.701	0.000	90	251090	5000.0	4813.2	
67 Trichloroethene	95	5.764	5.764	0.000	94	757543	200.0	190.5	
69 Ethyl acrylate	55	5.921	5.921	0.000	94	1395911	200.0	204.5	
70 Methylcyclohexane	83	5.926	5.926	0.000	87	1029437	200.0	213.8	
71 1,2-Dichloropropane	63	6.078	6.078	0.000	87	678497	200.0	190.5	
* 73 1,4-Dioxane-d8	96	6.152	6.146	0.006	9	23295	1000.0	1000.0	a
75 Methyl methacrylate	100	6.199	6.199	0.000	88	285634	400.0	393.4	
74 1,4-Dioxane	88	6.215	6.214	0.001	36	85911	4000.0	3987.2	
72 Dibromomethane	93	6.220	6.220	0.000	93	401921	200.0	190.0	
76 n-Propyl acetate	43	6.267	6.267	0.000	98	664218	200.0	197.7	
77 Dichlorobromomethane	83	6.409	6.408	0.001	96	988679	200.0	215.4	
78 2-Nitropropane	41	6.776	6.775	0.001	97	282425	400.0	437.7	
80 Epichlorohydrin	57	6.917	6.912	0.005	98	681705	4000.0	4031.0	
81 cis-1,3-Dichloropropene	75	7.001	7.001	0.000	88	1191128	200.0	204.9	
82 4-Methyl-2-pentanone (MIBK)	43	7.200	7.200	0.000	96	2052611	1000.0	989.1	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	564046	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.394	7.389	0.005	94	2779140	200.0	183.4	
85 trans-1,3-Dichloropropene	75	7.793	7.793	0.000	95	1051480	200.0	208.8	
86 Ethyl methacrylate	69	7.871	7.871	0.000	89	719284	200.0	195.6	
87 1,1,2-Trichloroethane	83	8.044	8.044	0.000	91	471077	200.0	192.8	
88 Tetrachloroethene	166	8.128	8.123	0.005	93	855995	200.0	190.6	
89 1,3-Dichloropropane	76	8.291	8.291	0.000	93	989614	200.0	196.7	
90 2-Hexanone	43	8.396	8.396	0.000	95	1495211	1000.0	998.3	
91 Chlorodibromomethane	129	8.564	8.563	0.001	97	758166	200.0	231.1	
93 n-Butyl acetate	43	8.564	8.563	0.001	95	686124	200.0	187.2	
92 Ethylene Dibromide	107	8.737	8.736	0.001	99	577548	200.0	197.7	
* 94 Chlorobenzene-d5	117	9.423	9.423	0.000	84	469163	50.0	50.0	
95 Chlorobenzene	112	9.465	9.465	0.000	94	1863964	200.0	189.0	
97 Ethylbenzene	106	9.617	9.612	0.005	98	1009902	200.0	188.7	
96 1,1,1,2-Tetrachloroethane	131	9.617	9.612	0.005	41	736269	200.0	210.1	
98 m-Xylene & p-Xylene	106	9.811	9.811	0.000	91	1253957	200.0	189.0	
99 o-Xylene	106	10.441	10.440	0.001	94	1183591	200.0	187.1	
101 n-Butyl acrylate	73	10.467	10.461	0.006	97	368167	200.0	183.2	
100 Styrene	104	10.488	10.482	0.006	94	1853226	200.0	185.8	
102 Bromoform	173	10.776	10.776	0.000	98	466280	200.0	247.6	
103 Amyl acetate (mixed isomers)	43	10.850	10.849	0.001	91	796677	200.0	186.2	
104 Isopropylbenzene	105	11.044	11.043	0.001	96	2771218	200.0	187.0	
$ 105 4-Bromofluorobenzene	174	11.327	11.326	0.001	92	193361	50.0	49.0	
106 Bromobenzene	156	11.510	11.510	0.000	93	839483	200.0	196.5	
107 1,1,2,2-Tetrachloroethane	83	11.599	11.599	0.000	94	582293	200.0	196.8	
108 1,2,3-Trichloropropane	110	11.652	11.646	0.006	59	188427	200.0	187.7	
110 N-Propylbenzene	91	11.662	11.662	0.000	99	3380958	200.0	188.7	
109 trans-1,4-Dichloro-2-butene	53	11.699	11.699	0.000	93	190242	200.0	197.5	
111 2-Chlorotoluene	91	11.783	11.783	0.000	97	2177446	200.0	187.8	
112 4-Ethyltoluene	105	11.830	11.825	0.005	97	2839861	200.0	187.6	
114 1,3,5-Trimethylbenzene	105	11.924	11.924	0.000	90	2294005	200.0	185.3	
113 4-Chlorotoluene	91	11.940	11.940	0.000	98	2315683	200.0	181.6	
115 Butyl Methacrylate	87	12.087	12.087	0.000	90	722040	200.0	201.5	
116 tert-Butylbenzene	119	12.302	12.302	0.000	91	2044248	200.0	188.0	
117 1,2,4-Trimethylbenzene	105	12.381	12.375	0.006	98	2365096	200.0	187.0	
118 sec-Butylbenzene	105	12.564	12.559	0.005	98	2775721	200.0	188.2	
119 1,3-Dichlorobenzene	146	12.695	12.695	0.000	95	1409850	200.0	193.6	
122 4-Isopropyltoluene	119	12.737	12.732	0.005	93	2427225	200.0	190.1	
* 120 1,4-Dichlorobenzene-d4	152	12.779	12.779	0.000	95	244656	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.805	12.805	0.000	95	1392114	200.0	190.8	
123 1,2,3-Trimethylbenzene	105	12.847	12.847	0.000	98	2332268	200.0	187.6	
124 Benzyl chloride	91	12.963	12.962	0.001	99	1153675	200.0	226.3	
125 2,3-Dihydroindene	117	13.041	13.041	0.000	90	2059072	200.0	189.1	
127 p-Diethylbenzene	119	13.141	13.135	0.006	93	1390555	200.0	189.9	
128 n-Butylbenzene	92	13.162	13.162	0.000	98	1123302	200.0	186.2	
126 1,2-Dichlorobenzene	146	13.188	13.188	0.000	96	1213240	200.0	191.3	
130 1,2,4,5-Tetramethylbenzene	119	13.885	13.885	0.000	96	2042857	200.0	193.6	
129 1,2-Dibromo-3-Chloropropane	157	13.943	13.943	0.000	97	121858	200.0	230.5	
131 1,3,5-Trichlorobenzene	180	14.095	14.095	0.000	97	879063	200.0	194.2	
132 1,2,4-Trichlorobenzene	180	14.625	14.624	0.001	94	694905	200.0	199.9	
133 Hexachlorobutadiene	225	14.735	14.734	0.001	79	410575	200.0	209.1	
134 Naphthalene	128	14.824	14.824	0.000	99	1349998	200.0	199.4	
135 1,2,3-Trichlorobenzene	180	15.018	15.018	0.000	94	531823	200.0	199.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		400.0	370.0	
S 137 Xylenes, Total	100				0		400.0	376.1	
S 140 Total BTEX	1				0		1000.0	926.4	
S 139 1,3-Dichloropropene, Total	1				0		400.0	413.7	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

MIX 2 Hi_00167	Amount Added:	20.00	Units: uL	
MIX I Hi_00194	Amount Added:	20.00	Units: uL	
7 Freons Hi_00033	Amount Added:	20.00	Units: uL	
Ethanol mix_00107	Amount Added:	20.00	Units: uL	
GAS Hi_00510	Amount Added:	20.00	Units: uL	
ACROLEIN W_00189	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00083	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 14-Nov-2025 17:38:57 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694807.D

Injection Date: 10-Nov-2025 10:48:35 Instrument ID: CVOAMS15

Lims ID: STD200

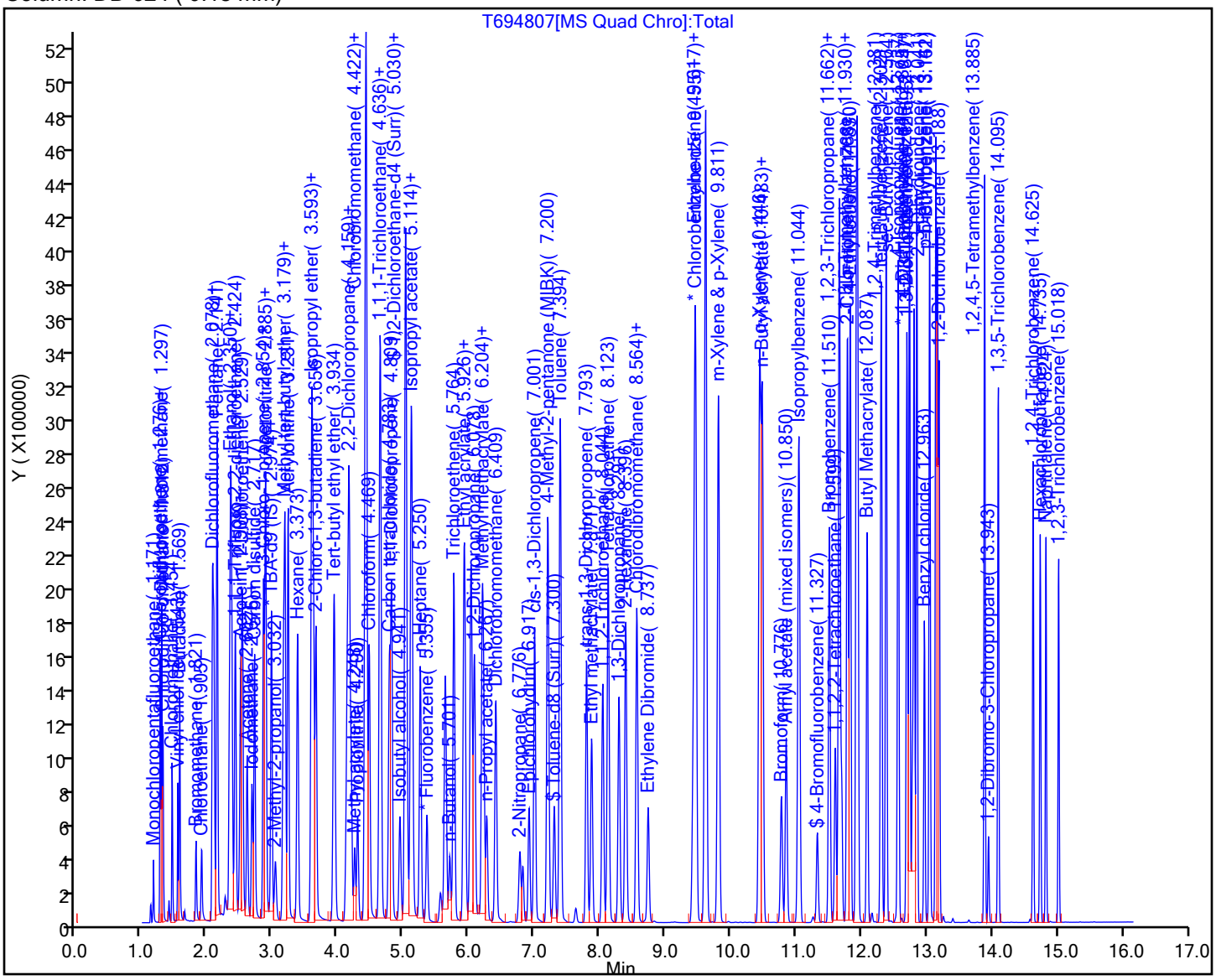
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

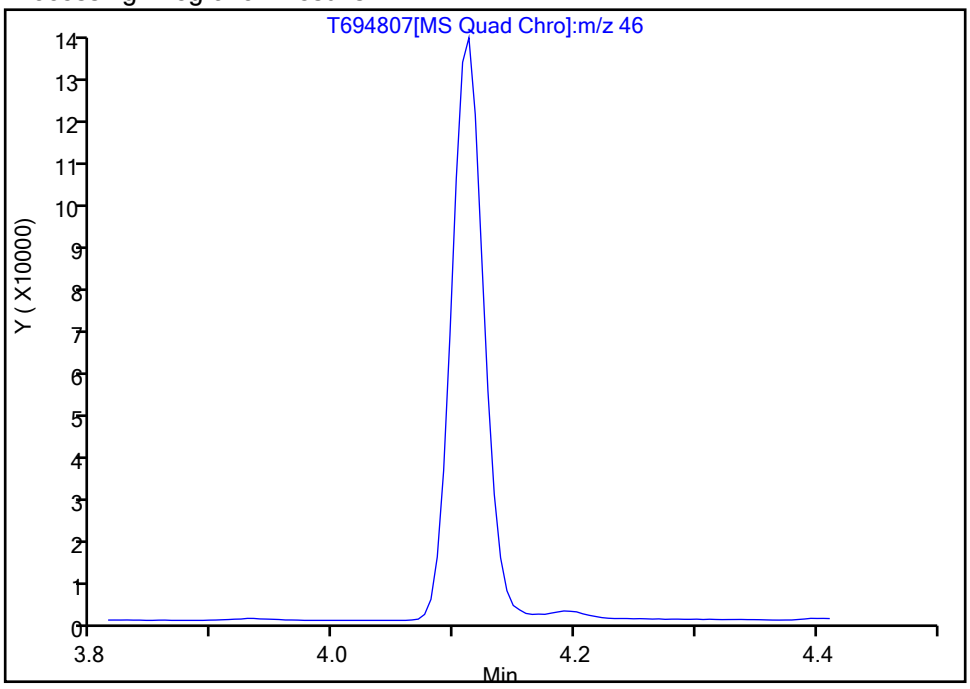
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694807.D
Injection Date: 10-Nov-2025 10:48:35 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

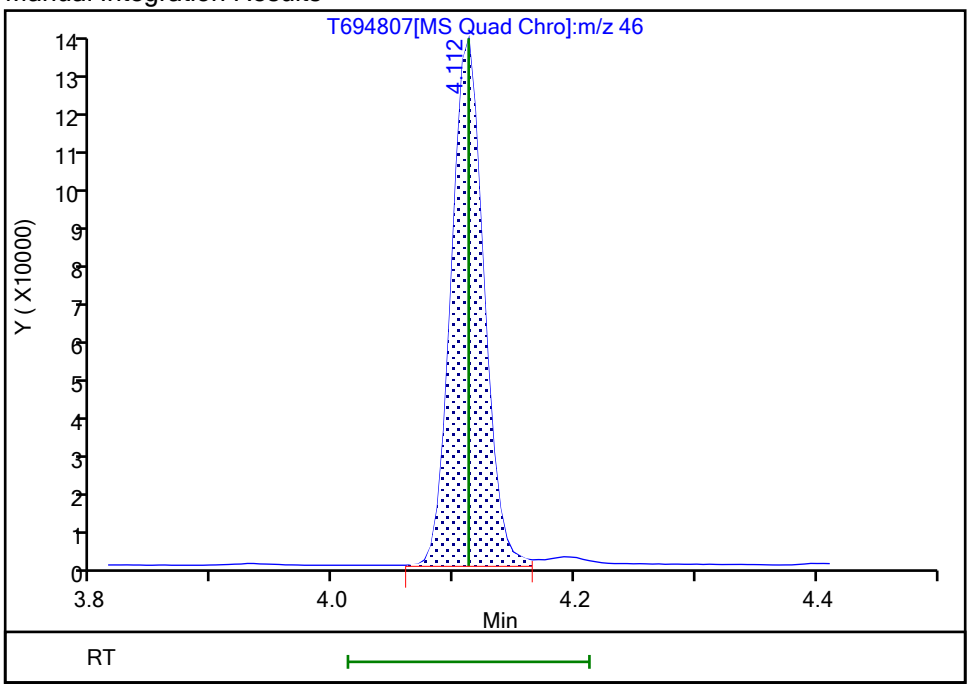
Not Detected
Expected RT: 4.11

Processing Integration Results



Manual Integration Results

RT: 4.11
Area: 255497
Amount: 250.0000
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:07:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

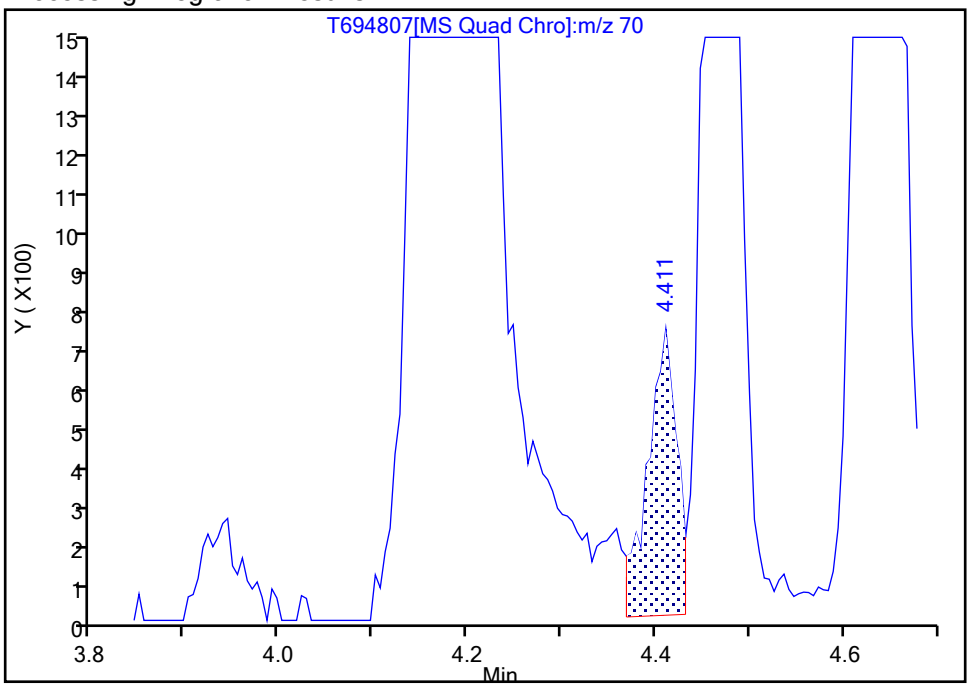
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694807.D
Injection Date: 10-Nov-2025 10:48:35 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

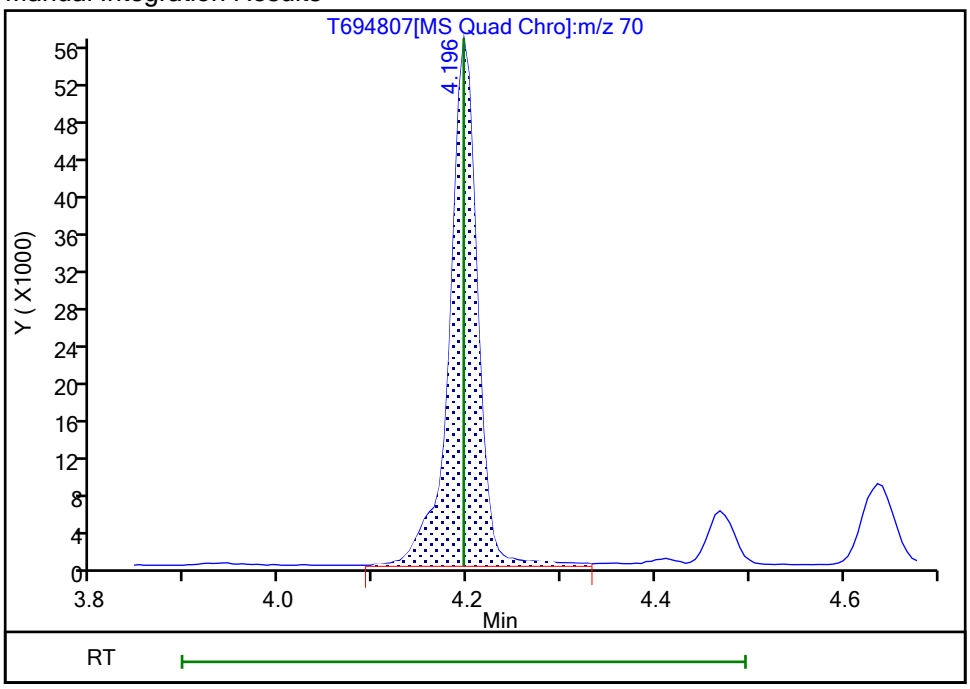
Processing Integration Results

RT: 4.41
Area: 1586
Amount: 5.482979
Amount Units: ug/l



Manual Integration Results

RT: 4.20
Area: 116541
Amount: 352.6844
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:08:12 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

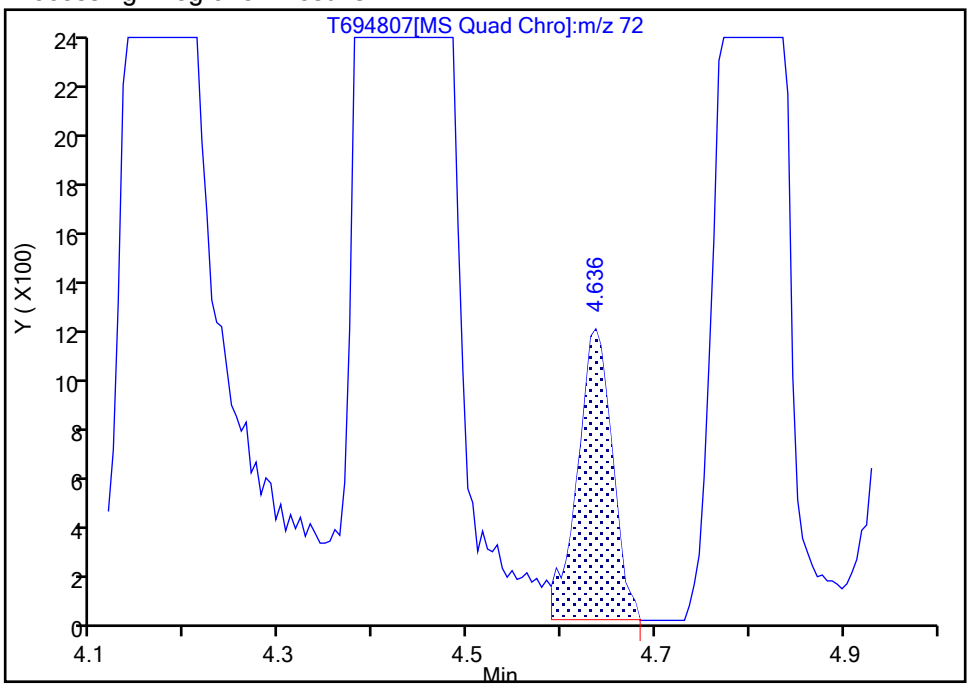
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694807.D
Injection Date: 10-Nov-2025 10:48:35 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

51 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

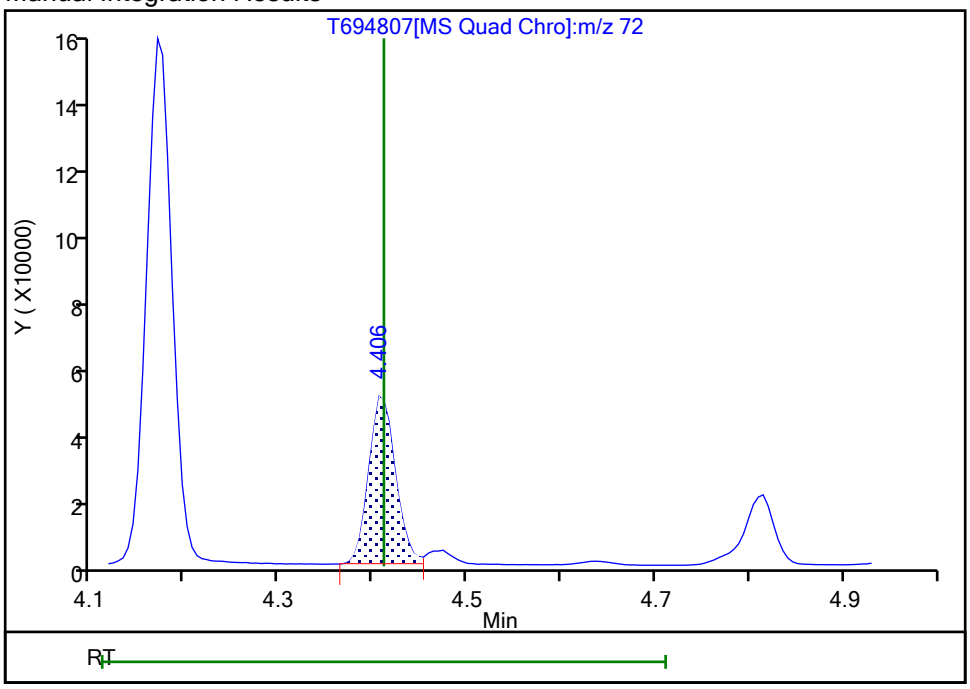
Processing Integration Results

RT: 4.64
Area: 3071
Amount: 13.056923
Amount Units: ug/l



Manual Integration Results

RT: 4.41
Area: 99095
Amount: 357.4140
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:08:19 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

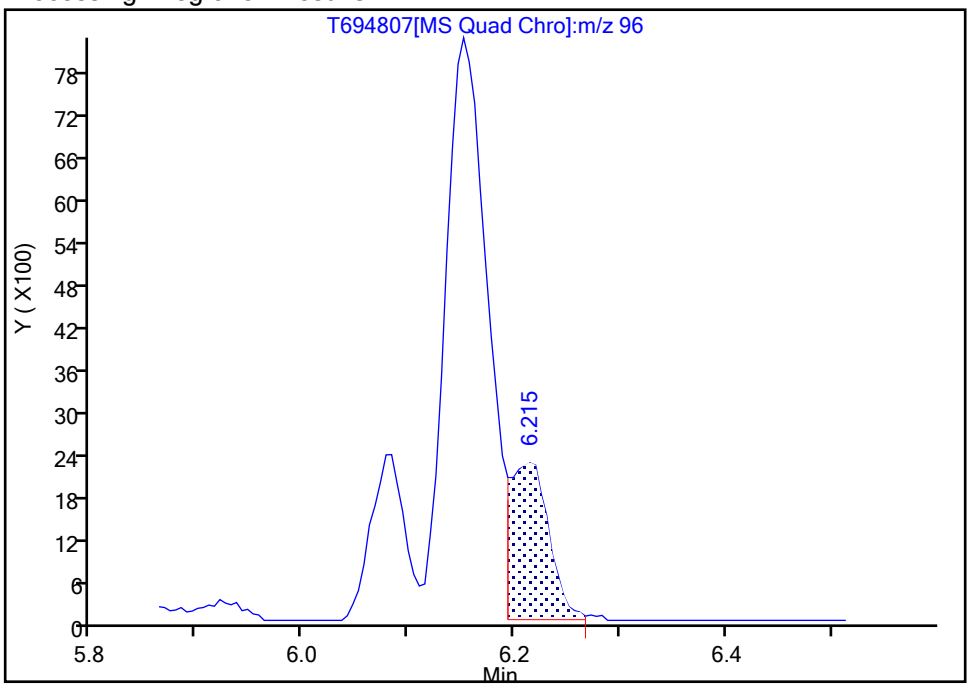
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694807.D
Injection Date: 10-Nov-2025 10:48:35 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

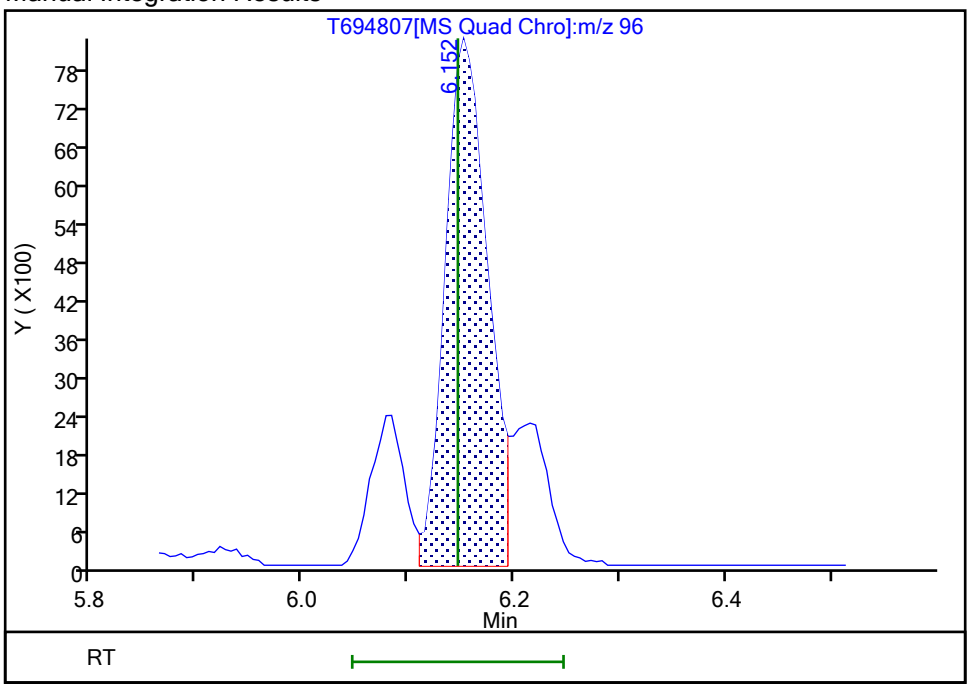
Processing Integration Results

RT: 6.21
Area: 5863
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.15
Area: 23295
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:07:55 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 14-Nov-2025 17:39:14 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694808.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 10-Nov-2025 11:12:04 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0199009-011
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Nov-2025 17:39:14 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 10-Nov-2025 11:36:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.170	1.171	-0.001	87	138609	500.0	359.7	
3 Chlorotrifluoroethene	116	1.265	1.270	-0.005	91	531072	500.0	387.4	
2 1,1-Difluoroethane	65	1.275	1.275	0.000	94	739672	500.0	511.2	
4 Dichlorodifluoromethane	85	1.296	1.296	0.000	88	2178003	500.0	479.2	
5 Chlorodifluoromethane	67	1.312	1.317	-0.005	78	352267	500.0	509.7	
6 Chloromethane	50	1.454	1.459	-0.005	88	1430604	500.0	509.5	
7 Vinyl chloride	62	1.543	1.543	0.000	83	1106012	500.0	464.2	
8 Butadiene	54	1.569	1.569	0.000	94	914199	500.0	465.8	
9 Bromomethane	94	1.815	1.821	-0.006	98	380744	500.0	435.3	
10 Chloroethane	64	1.905	1.910	-0.005	97	629244	500.0	360.2	
11 Dichlorofluoromethane	67	2.072	2.072	0.000	90	3115310	500.0	433.5	
12 Trichlorofluoromethane	101	2.093	2.093	0.000	88	2985571	500.0	508.3	
13 Pentane	72	2.140	2.146	-0.006	94	290060	1000.0	603.2	
14 Ethanol	46	2.272	2.266	0.006	98	200138	20000	19917	
15 Ethyl ether	59	2.329	2.329	0.000	93	1069578	500.0	425.5	
17 2-Methyl-1,3-butadiene	53	2.345	2.350	-0.005	96	839430	500.0	297.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.371	2.366	0.005	83	1392122	500.0	459.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.424	2.424	0.000	88	2215940	500.0	488.1	
19 Acrolein	56	2.481	2.481	0.000	81	173565	400.0	380.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.502	2.508	-0.006	95	1336073	500.0	460.8	
20 1,1-Dichloroethene	96	2.534	2.534	0.000	90	1372277	500.0	440.2	
22 Acetone	43	2.602	2.602	0.000	87	2577269	2500.0	3253.1	
23 Iodomethane	142	2.675	2.675	0.000	99	1482197	500.0	500.2	
25 Isopropyl alcohol	45	2.696	2.696	0.000	76	608063	5000.0	4339.6	
24 Carbon disulfide	76	2.717	2.717	0.000	99	3934189	500.0	414.1	
27 3-Chloro-1-propene	76	2.848	2.854	-0.006	90	725493	500.0	375.8	
28 Methyl acetate	43	2.864	2.859	0.005	97	1519980	1000.0	842.1	
29 Cyclopentene	67	2.885	2.885	0.000	89	2709437	500.0	344.3	
26 Acetonitrile	41	2.890	2.885	0.005	67	1675693	5000.0	4107.2	
* 31 TBA-d9 (IS)	66	2.969	2.964	0.005	32	38324	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.974	2.974	0.000	83	1623887	500.0	434.4	
32 2-Methyl-2-propanol	59	3.042	3.037	0.005	99	1159285	5000.0	4810.4	
35 Methyl tert-butyl ether	73	3.158	3.163	-0.005	96	4174479	500.0	462.2	
34 trans-1,2-Dichloroethene	96	3.184	3.184	0.000	84	1522182	500.0	423.7	
33 Acrylonitrile	53	3.231	3.231	0.000	93	3609107	5000.0	4015.6	
36 Hexane	57	3.373	3.373	0.000	92	1609408	500.0	416.6	
40 Isopropyl ether	45	3.588	3.593	-0.005	93	3699132	500.0	375.4	
37 1,1-Dichloroethane	63	3.598	3.598	0.000	89	2346330	500.0	379.6	
38 Vinyl acetate	86	3.624	3.619	0.005	99	485181	1000.0	896.3	
39 2-Chloro-1,3-butadiene	88	3.656	3.656	0.000	89	1258489	500.0	423.4	
41 Tert-butyl ethyl ether	59	3.934	3.934	0.000	90	4454146	500.0	451.2	
* 42 2-Butanone-d5	46	4.112	4.112	0.000	56	253004	250.0	250.0	a
44 2,2-Dichloropropane	97	4.138	4.138	0.000	93	580099	500.0	449.9	
43 cis-1,2-Dichloroethene	96	4.159	4.159	0.000	93	1682046	500.0	424.1	
45 2-Butanone (MEK)	72	4.175	4.170	0.005	100	715517	2500.0	2477.8	
47 Ethyl acetate	70	4.196	4.196	0.000	99	287308	1000.0	878.0	
48 Methyl acrylate	55	4.248	4.248	0.000	100	1182456	500.0	498.8	
46 Propionitrile	54	4.301	4.290	0.011	98	1583460	5000.0	4613.6	
49 Chlorobromomethane	128	4.405	4.400	0.005	83	751486	500.0	415.8	
51 Tetrahydrofuran	72	4.411	4.411	0.000	35	213073	1000.0	776.1	a
50 Methacrylonitrile	67	4.432	4.421	0.011	87	3415461	5000.0	3274.9	
52 Chloroform	83	4.474	4.468	0.006	93	2950688	500.0	444.7	
54 1,1,1-Trichloroethane	97	4.636	4.636	0.000	92	2643548	500.0	439.9	
$ 53 Dibromofluoromethane (Surr)	113	4.641	4.642	-0.001	31	134423	50.0	43.3	
55 Cyclohexane	84	4.636	4.642	-0.006	79	1847177	500.0	413.6	
56 Carbon tetrachloride	117	4.778	4.778	0.000	90	2680227	500.0	509.9	
57 1,1-Dichloropropene	75	4.814	4.809	0.005	95	2212293	500.0	446.1	
59 Isobutyl alcohol	43	4.946	4.940	0.006	98	1120808	12500	12590	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.029	5.024	0.005	32	148479	50.0	42.3	
60 Benzene	78	5.024	5.024	0.000	97	5285329	500.0	403.1	
62 Isooctane	57	5.040	5.035	0.005	70	2358480	500.0	349.0	
63 Isopropyl acetate	61	5.108	5.108	0.000	94	586859	500.0	399.3	
61 1,2-Dichloroethane	62	5.113	5.113	0.000	83	1924484	500.0	388.2	
64 Tert-amyl methyl ether	73	5.129	5.124	0.005	92	3692789	500.0	429.9	
66 n-Heptane	43	5.250	5.250	0.000	91	1457207	500.0	445.0	
* 65 Fluorobenzene	96	5.354	5.355	-0.001	98	609091	50.0	50.0	
68 n-Butanol	56	5.706	5.701	0.005	89	696617	12500	12362	
67 Trichloroethene	95	5.763	5.764	-0.001	94	1807735	500.0	456.2	
69 Ethyl acrylate	55	5.921	5.921	0.000	95	3023164	500.0	444.5	
70 Methylcyclohexane	83	5.931	5.926	0.005	88	2160065	500.0	450.4	
71 1,2-Dichloropropane	63	6.078	6.078	0.000	88	1579303	500.0	445.0	
* 73 1,4-Dioxane-d8	96	6.157	6.146	0.011	15	24269	1000.0	1000.0	a
75 Methyl methacrylate	100	6.199	6.199	0.000	86	684830	1000.0	946.7	
74 1,4-Dioxane	88	6.225	6.214	0.011	35	222613	10000	9917.1	
72 Dibromomethane	93	6.225	6.220	0.005	90	885745	500.0	420.2	
76 n-Propyl acetate	43	6.272	6.267	0.005	98	1696688	500.0	506.8	
77 Dichlorobromomethane	83	6.408	6.408	0.000	95	2440091	500.0	533.6	
78 2-Nitropropane	41	6.781	6.775	0.006	96	746090	1000.0	1167.7	
80 Epichlorohydrin	57	6.922	6.912	0.010	98	1732282	10000	10344	
81 cis-1,3-Dichloropropene	75	7.001	7.001	0.000	88	2823533	500.0	510.6	
82 4-Methyl-2-pentanone (MIBK)	43	7.205	7.200	0.005	94	4479550	2500.0	2179.9	
$ 83 Toluene-d8 (Surr)	98	7.305	7.300	0.005	99	558862	50.0	52.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.394	7.389	0.005	94	6185940	500.0	429.1	
85 trans-1,3-Dichloropropene	75	7.798	7.793	0.005	95	2541439	500.0	530.4	
86 Ethyl methacrylate	69	7.876	7.871	0.005	88	1778715	500.0	508.5	
87 1,1,2-Trichloroethane	83	8.044	8.044	0.000	92	1144060	500.0	492.3	
88 Tetrachloroethene	166	8.128	8.123	0.005	93	2032351	500.0	475.7	
89 1,3-Dichloropropane	76	8.296	8.291	0.005	93	2365482	500.0	494.2	
90 2-Hexanone	43	8.395	8.396	-0.001	94	3464070	2500.0	2335.6	
91 Chlorodibromomethane	129	8.563	8.563	0.000	96	1856438	500.0	594.7	
93 n-Butyl acetate	43	8.569	8.563	0.005	89	1553800	500.0	445.5	
92 Ethylene Dibromide	107	8.742	8.736	0.006	99	1442007	500.0	518.9	
* 94 Chlorobenzene-d5	117	9.423	9.423	0.000	83	446331	50.0	50.0	
95 Chlorobenzene	112	9.470	9.465	0.005	95	4083075	500.0	435.3	
97 Ethylbenzene	106	9.622	9.612	0.010	97	2109193	500.0	414.3	
96 1,1,1,2-Tetrachloroethane	131	9.617	9.612	0.005	46	1611340	500.0	483.3	
98 m-Xylene & p-Xylene	106	9.816	9.811	0.005	91	2808109	500.0	445.0	
99 o-Xylene	106	10.446	10.440	0.006	95	2566644	500.0	426.4	
101 n-Butyl acrylate	73	10.467	10.461	0.006	97	767992	500.0	401.7	
100 Styrene	104	10.487	10.482	0.005	95	4012795	500.0	422.9	
102 Bromoform	173	10.776	10.776	0.000	98	1255287	500.0	700.6	
103 Amyl acetate (mixed isomers)	43	10.849	10.849	0.000	91	1948411	500.0	464.9	
104 Isopropylbenzene	105	11.043	11.043	0.000	96	6098115	500.0	432.6	
$ 105 4-Bromofluorobenzene	174	11.326	11.326	0.000	91	192879	50.0	51.4	
106 Bromobenzene	156	11.510	11.510	0.000	91	1999465	500.0	477.8	
107 1,1,2,2-Tetrachloroethane	83	11.599	11.599	0.000	93	1466490	500.0	505.8	
108 1,2,3-Trichloropropane	110	11.651	11.646	0.005	63	441530	500.0	448.9	
110 N-Propylbenzene	91	11.667	11.662	0.005	98	6855805	500.0	390.6	
109 trans-1,4-Dichloro-2-butene	53	11.699	11.699	0.000	92	480067	500.0	508.6	
111 2-Chlorotoluene	91	11.788	11.783	0.005	97	4733996	500.0	416.8	
112 4-Ethyltoluene	105	11.830	11.825	0.005	97	5887266	500.0	396.9	
114 1,3,5-Trimethylbenzene	105	11.924	11.924	0.000	92	4559777	500.0	376.0	
113 4-Chlorotoluene	91	11.945	11.940	0.005	97	4611436	500.0	369.2	
115 Butyl Methacrylate	87	12.087	12.087	0.000	88	1675112	500.0	477.1	
116 tert-Butylbenzene	119	12.302	12.302	0.000	91	4339960	500.0	407.5	
117 1,2,4-Trimethylbenzene	105	12.380	12.375	0.005	97	4909530	500.0	396.3	
118 sec-Butylbenzene	105	12.564	12.559	0.005	97	5722292	500.0	395.9	
119 1,3-Dichlorobenzene	146	12.700	12.695	0.005	96	3156066	500.0	442.4	
122 4-Isopropyltoluene	119	12.737	12.732	0.005	93	4958905	500.0	396.3	
* 120 1,4-Dichlorobenzene-d4	152	12.784	12.779	0.005	91	239697	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.805	12.805	0.000	95	3116409	500.0	436.0	
123 1,2,3-Trimethylbenzene	105	12.847	12.847	0.000	97	4760106	500.0	390.9	
124 Benzyl chloride	91	12.967	12.962	0.005	99	2854188	500.0	571.5	
125 2,3-Dihydroindene	117	13.046	13.041	0.005	90	4311480	500.0	404.2	
127 p-Diethylbenzene	119	13.141	13.135	0.005	94	2815837	500.0	392.6	
128 n-Butylbenzene	92	13.161	13.162	-0.001	97	2173843	500.0	367.7	
126 1,2-Dichlorobenzene	146	13.193	13.188	0.005	96	2704347	500.0	435.3	
130 1,2,4,5-Tetramethylbenzene	119	13.885	13.885	0.000	97	4179222	500.0	404.2	
129 1,2-Dibromo-3-Chloropropane	157	13.943	13.943	0.000	96	337138	500.0	650.8	
131 1,3,5-Trichlorobenzene	180	14.095	14.095	0.000	97	1979027	500.0	446.3	
132 1,2,4-Trichlorobenzene	180	14.624	14.624	0.000	93	1673794	500.0	500.0	
133 Hexachlorobutadiene	225	14.734	14.734	0.000	79	927146	500.0	481.9	
134 Naphthalene	128	14.824	14.824	0.000	98	3384916	500.0	500.1	
135 1,2,3-Trichlorobenzene	180	15.018	15.018	0.000	94	1327616	500.0	500.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1000.0	847.8	
S 137 Xylenes, Total	100				0		1000.0	871.4	
S 140 Total BTEX	1				0		2500.0	2117.9	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	1041.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00189	Amount Added:	40.00	Units: uL	
MIX 2 Hi_00167	Amount Added:	50.00	Units: uL	
MIX I Hi_00194	Amount Added:	50.00	Units: uL	
7 Freons Hi_00033	Amount Added:	50.00	Units: uL	
GAS Hi_00510	Amount Added:	50.00	Units: uL	
Ethanol mix_00107	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00083	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 14-Nov-2025 17:39:14 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694808.D

Injection Date: 10-Nov-2025 11:12:04 Instrument ID: CVOAMS15

Lims ID: STD500

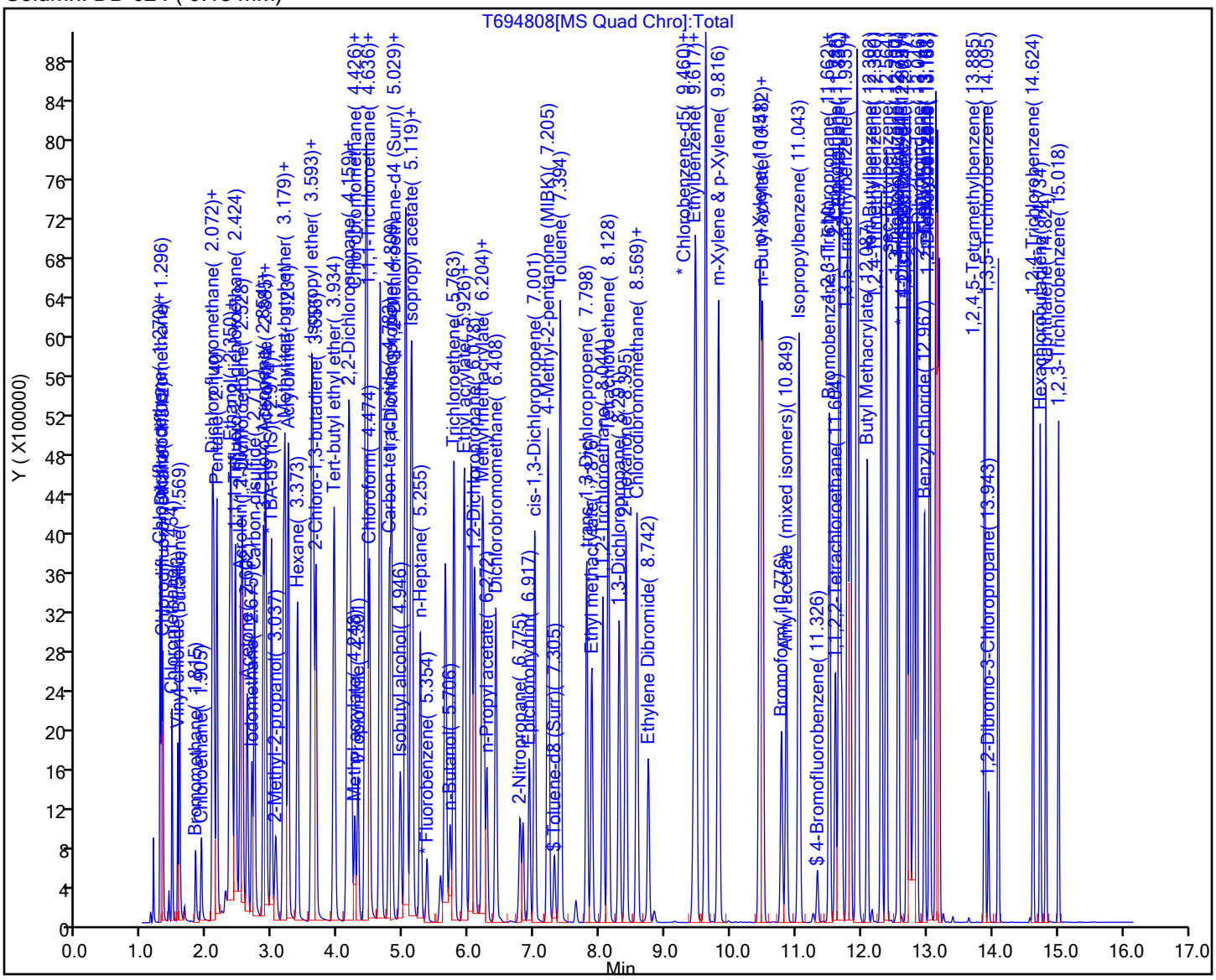
Client ID:

Operator ID: ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

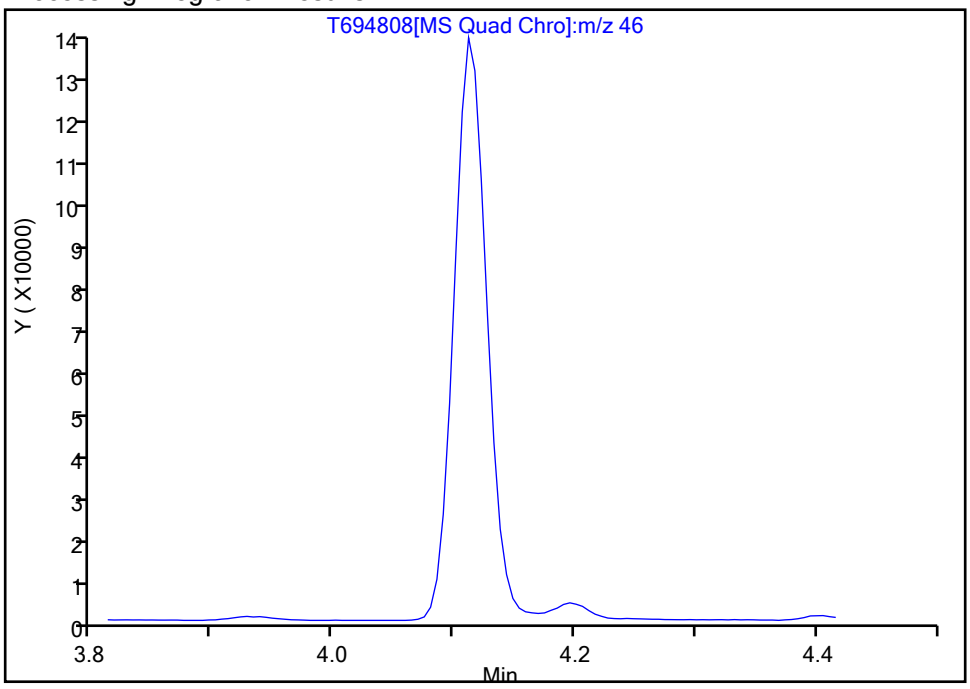
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694808.D
Injection Date: 10-Nov-2025 11:12:04 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

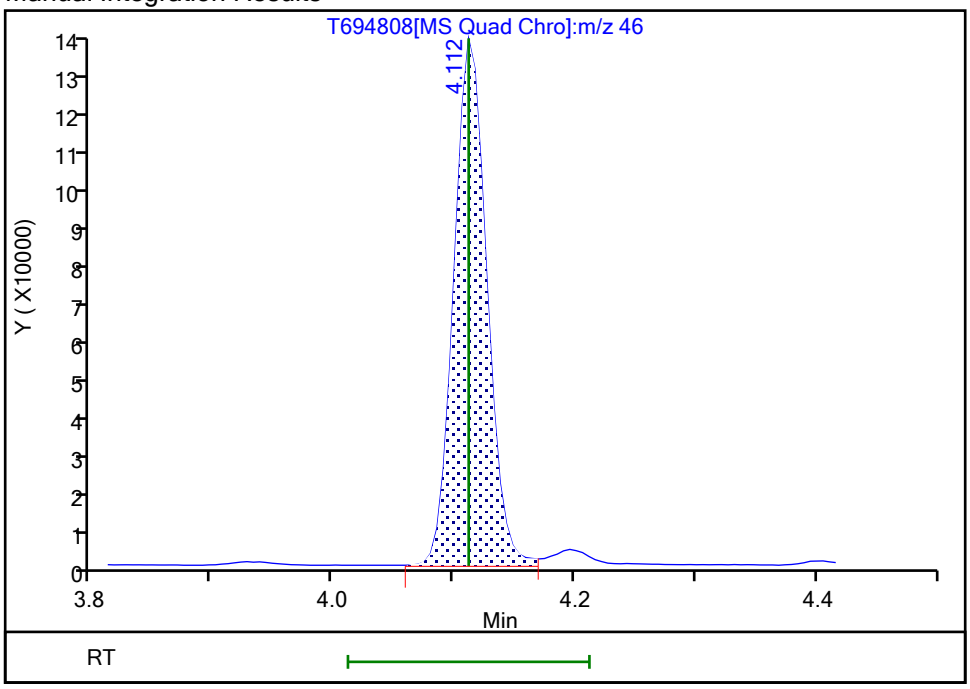
Not Detected
Expected RT: 4.11

Processing Integration Results



Manual Integration Results

RT: 4.11
Area: 253004
Amount: 250.0000
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:08:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

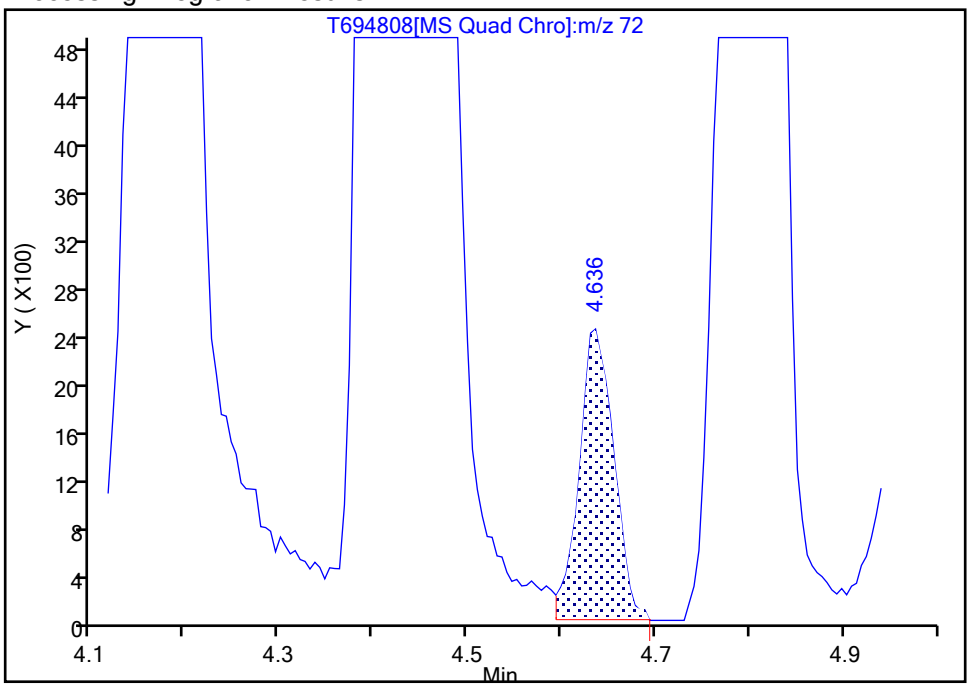
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694808.D
Injection Date: 10-Nov-2025 11:12:04 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

51 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

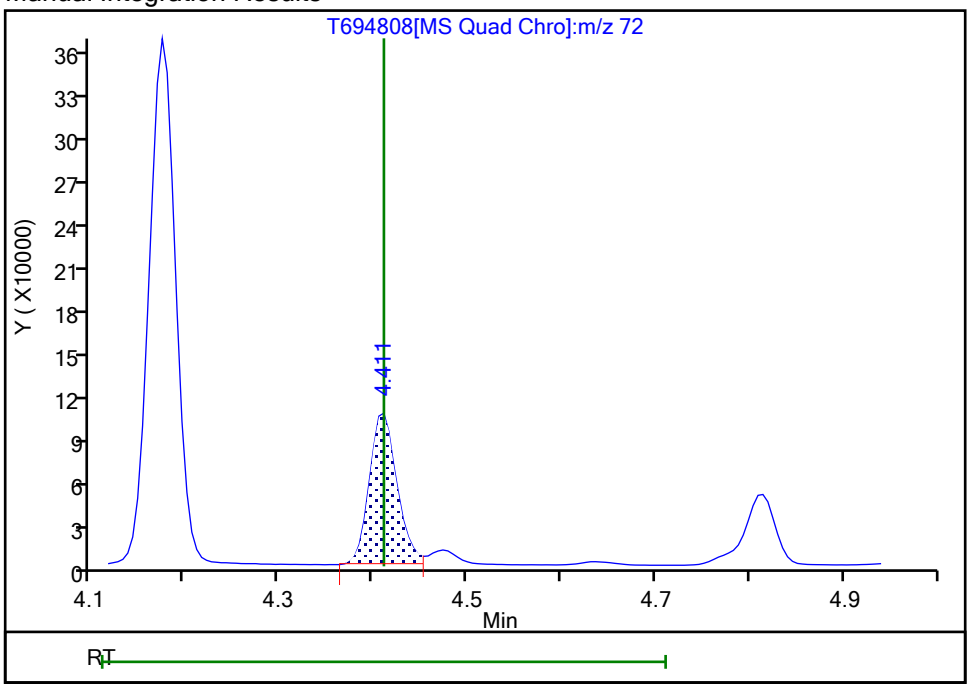
Processing Integration Results

RT: 4.64
Area: 6220
Amount: 26.526570
Amount Units: ug/l



Manual Integration Results

RT: 4.41
Area: 213073
Amount: 776.0802
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:09:22 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

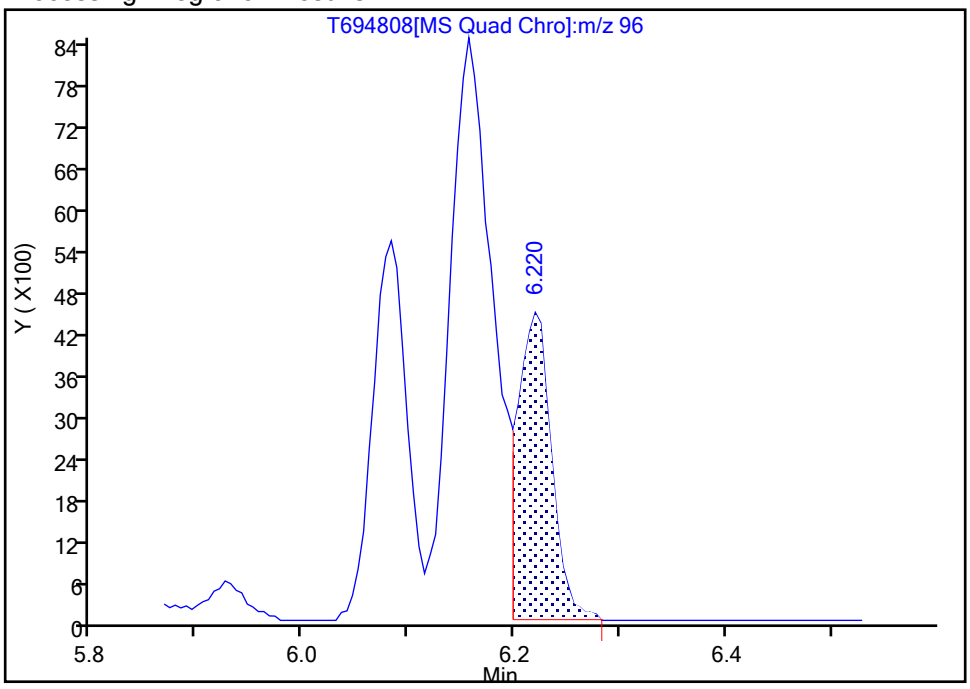
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694808.D
Injection Date: 10-Nov-2025 11:12:04 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

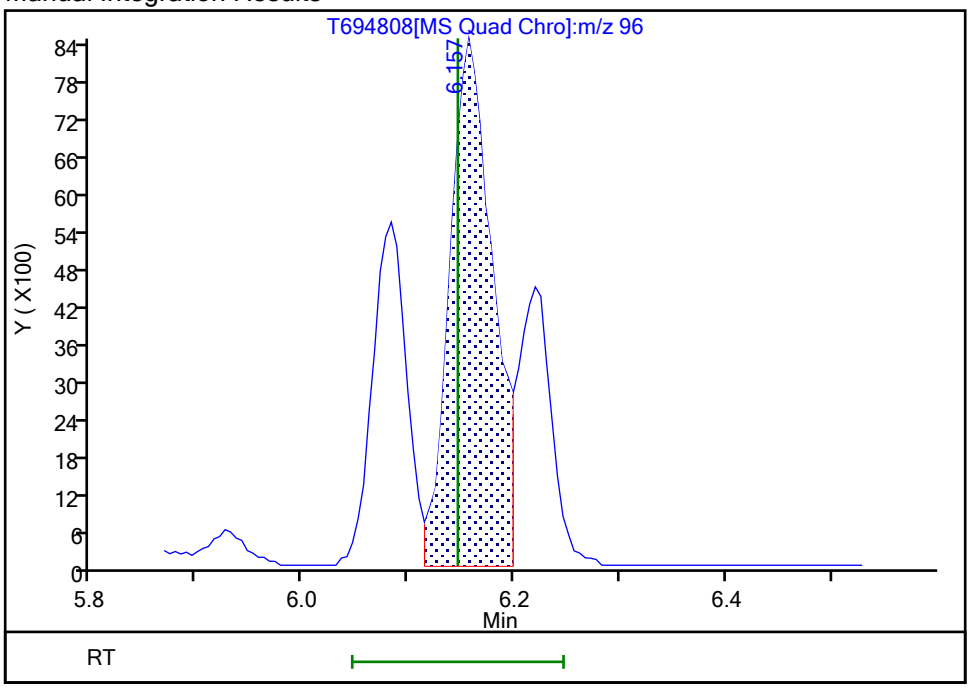
Processing Integration Results

RT: 6.22
Area: 10002
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.16
Area: 24269
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:09:04 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 14-Nov-2025 17:39:32 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 10-Nov-2025 13:08:24 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0199009-016
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Nov-2025 17:39:31 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 10-Nov-2025 13:31:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.171	0.000	14	113	1.00	0.8645	Ma
3 Chlorotrifluoroethene	116	1.270	1.270	0.000	20	511	1.00	0.7565	
2 1,1-Difluoroethane	65	1.276	1.276	0.000	87	1392	1.00	0.9874	
4 Dichlorodifluoromethane	85	1.297	1.297	0.000	79	2018	1.00	0.9856	
5 Chlorodifluoromethane	67	1.318	1.318	0.000	76	698	1.00	1.04	
6 Chloromethane	50	1.454	1.454	0.000	88	2827	1.00	1.03	
7 Vinyl chloride	62	1.543	1.543	0.000	78	2170	1.00	0.9347	
8 Butadiene	54	1.569	1.569	0.000	94	1632	1.00	0.8535	
9 Bromomethane	94	1.821	1.821	0.000	53	890	1.00	1.04	
10 Chloroethane	64	1.910	1.910	0.000	85	1886	1.00	1.11	
11 Dichlorofluoromethane	67	2.073	2.073	0.000	90	7075	1.00	1.01	
12 Trichlorofluoromethane	101	2.093	2.093	0.000	83	4258	1.00	0.7440	
13 Pentane	72	2.141	2.141	0.000	94	667	2.00	1.42	
14 Ethanol	46	2.272	2.272	0.000	72	469	40.0	44.3	
15 Ethyl ether	59	2.329	2.329	0.000	93	4458	1.00	1.06	
17 2-Methyl-1,3-butadiene	53	2.350	2.350	0.000	93	2559	1.00	0.9306	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.371	2.371	0.000	76	3096	1.00	1.05	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.424	2.424	0.000	78	4535	1.00	1.03	
19 Acrolein	56	2.481	2.481	0.000	92	2193	4.00	4.57	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.502	2.502	0.000	86	2203	1.00	0.7798	
20 1,1-Dichloroethene	96	2.529	2.529	0.000	87	2837	1.00	0.9341	
22 Acetone	43	2.602	2.602	0.000	78	4013	5.00	4.47	
23 Iodomethane	142	2.681	2.681	0.000	58	939	1.00	0.4681	
25 Isopropyl alcohol	45	2.691	2.691	0.000	69	1691	10.0	11.5	
24 Carbon disulfide	76	2.717	2.717	0.000	99	9498	1.00	1.03	
27 3-Chloro-1-propene	76	2.848	2.848	0.000	86	1901	1.00	1.01	
28 Methyl acetate	43	2.859	2.859	0.000	93	3883	2.00	2.21	
29 Cyclopentene	67	2.885	2.885	0.000	85	7390	1.00	0.9638	
26 Acetonitrile	41	2.890	2.890	0.000	78	4649	10.0	10.0	
* 31 TBA-d9 (IS)	66	2.959	2.959	0.000	98	40332	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.974	2.974	0.000	28	3876	1.00	1.06	
32 2-Methyl-2-propanol	59	3.032	3.032	0.000	80	2772	10.0	10.9	
35 Methyl tert-butyl ether	73	3.163	3.163	0.000	97	8835	1.00	1.00	
34 trans-1,2-Dichloroethene	96	3.184	3.184	0.000	93	3549	1.00	1.01	
33 Acrylonitrile	53	3.226	3.226	0.000	96	9875	10.0	11.3	
36 Hexane	57	3.373	3.373	0.000	84	2774	1.00	0.7370	
40 Isopropyl ether	45	3.588	3.588	0.000	95	9547	1.00	0.99	
37 1,1-Dichloroethane	63	3.598	3.598	0.000	79	6327	1.00	1.05	
38 Vinyl acetate	86	3.619	3.619	0.000	98	1070	2.00	1.74	
39 2-Chloro-1,3-butadiene	88	3.656	3.656	0.000	81	2771	1.00	0.9569	
41 Tert-butyl ethyl ether	59	3.934	3.934	0.000	87	9507	1.00	0.9884	
* 42 2-Butanone-d5	46	4.107	4.107	0.000	51	286937	250.0	250.0	
44 2,2-Dichloropropane	97	4.144	4.144	0.000	55	1130	1.00	0.8995	a
43 cis-1,2-Dichloroethene	96	4.159	4.159	0.000	97	3872	1.00	1.00	
45 2-Butanone (MEK)	72	4.170	4.170	0.000	97	1585	5.00	4.84	a
47 Ethyl acetate	70	4.196	4.196	0.000	96	729	2.00	1.96	
48 Methyl acrylate	55	4.248	4.248	0.000	88	2259	1.00	0.9780	
46 Propionitrile	54	4.290	4.290	0.000	95	3879	10.0	11.6	
49 Chlorobromomethane	128	4.400	4.400	0.000	66	1831	1.00	1.04	
51 Tetrahydrofuran	72	4.411	4.411	0.000	26	706	2.00	2.27	M
50 Methacrylonitrile	67	4.421	4.421	0.000	92	11652	10.0	11.5	
52 Chloroform	83	4.469	4.469	0.000	86	6384	1.00	0.9875	
54 1,1,1-Trichloroethane	97	4.636	4.636	0.000	29	5622	1.00	0.9602	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.636	0.000	96	156638	50.0	51.7	
55 Cyclohexane	84	4.642	4.642	0.000	30	3785	1.00	0.8699	
56 Carbon tetrachloride	117	4.778	4.778	0.000	86	4340	1.00	0.8475	
57 1,1-Dichloropropene	75	4.815	4.815	0.000	89	4734	1.00	0.9798	
59 Isobutyl alcohol	43	4.946	4.946	0.000	75	2524	25.0	26.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	91	181608	50.0	53.1	
60 Benzene	78	5.024	5.024	0.000	46	13510	1.00	1.01	
62 Isooctane	57	5.035	5.035	0.000	32	5430	1.00	0.8247	
63 Isopropyl acetate	61	5.108	5.108	0.000	91	1552	1.00	1.08	
61 1,2-Dichloroethane	62	5.114	5.114	0.000	90	5135	1.00	1.06	
64 Tert-amyl methyl ether	73	5.119	5.119	0.000	80	8094	1.00	0.9671	
66 n-Heptane	43	5.250	5.250	0.000	86	2613	1.00	0.8190	
* 65 Fluorobenzene	96	5.355	5.355	0.000	98	593436	50.0	50.0	
68 n-Butanol	56	5.706	5.706	0.000	91	1941	25.0	32.7	
67 Trichloroethene	95	5.769	5.769	0.000	87	3648	1.00	0.9450	
69 Ethyl acrylate	55	5.921	5.921	0.000	90	6437	1.00	0.9714	
70 Methylcyclohexane	83	5.926	5.926	0.000	77	3750	1.00	0.8025	
71 1,2-Dichloropropane	63	6.078	6.078	0.000	78	3484	1.00	1.01	
* 73 1,4-Dioxane-d8	96	6.146	6.146	0.000	1	28317	1000.0	1000.0	
75 Methyl methacrylate	100	6.199	6.199	0.000	86	1402	2.00	1.99	
74 1,4-Dioxane	88	6.209	6.209	0.000	36	1264	50.0	48.3	
72 Dibromomethane	93	6.215	6.215	0.000	90	2159	1.00	1.05	
76 n-Propyl acetate	43	6.267	6.267	0.000	93	3532	1.00	1.08	
77 Dichlorobromomethane	83	6.403	6.403	0.000	85	3805	1.00	0.8540	
78 2-Nitropropane	41	6.776	6.776	0.000	80	1019	2.00	1.41	
80 Epichlorohydrin	57	6.917	6.917	0.000	85	2914	20.0	15.3	
81 cis-1,3-Dichloropropene	75	6.996	6.996	0.000	78	4885	1.00	0.8625	
82 4-Methyl-2-pentanone (MIBK)	43	7.200	7.200	0.000	94	11886	5.00	5.10	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	545663	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.394	7.394	0.000	91	15428	1.00	1.04	
85 trans-1,3-Dichloropropene	75	7.793	7.793	0.000	79	4400	1.00	0.8965	
86 Ethyl methacrylate	69	7.871	7.871	0.000	65	3533	1.00	0.9861	
87 1,1,2-Trichloroethane	83	8.044	8.044	0.000	84	2371	1.00	1.00	
88 Tetrachloroethene	166	8.123	8.123	0.000	87	4213	1.00	0.9628	
89 1,3-Dichloropropane	76	8.296	8.296	0.000	89	4714	1.00	0.9616	
90 2-Hexanone	43	8.396	8.396	0.000	95	9518	5.00	5.66	
91 Chlorodibromomethane	129	8.558	8.558	0.000	45	2515	1.00	0.7866	
93 n-Butyl acetate	43	8.563	8.563	0.000	88	4165	1.00	1.17	
92 Ethylene Dibromide	107	8.737	8.737	0.000	80	2699	1.00	0.9483	
* 94 Chlorobenzene-d5	117	9.418	9.418	0.000	85	457138	50.0	50.0	
95 Chlorobenzene	112	9.460	9.460	0.000	77	9956	1.00	1.04	
97 Ethylbenzene	106	9.612	9.612	0.000	97	5298	1.00	1.02	
96 1,1,1,2-Tetrachloroethane	131	9.612	9.612	0.000	25	2968	1.00	0.8692	
98 m-Xylene & p-Xylene	106	9.811	9.811	0.000	91	6381	1.00	0.9872	
99 o-Xylene	106	10.441	10.441	0.000	91	6265	1.00	1.02	
101 n-Butyl acrylate	73	10.461	10.461	0.000	92	2333	1.00	1.19	
100 Styrene	104	10.482	10.482	0.000	92	9652	1.00	0.99	
102 Bromoform	173	10.766	10.766	0.000	66	1416	1.00	0.7716	
103 Amyl acetate (mixed isomers)	43	10.844	10.844	0.000	80	5313	1.00	1.26	
104 Isopropylbenzene	105	11.038	11.038	0.000	89	14865	1.00	1.03	
$ 105 4-Bromofluorobenzene	174	11.327	11.327	0.000	92	187697	50.0	48.8	
106 Bromobenzene	156	11.510	11.510	0.000	92	4311	1.00	1.03	
107 1,1,2,2-Tetrachloroethane	83	11.599	11.599	0.000	79	2877	1.00	0.9889	
108 1,2,3-Trichloropropane	110	11.646	11.646	0.000	52	1030	1.00	1.04	
110 N-Propylbenzene	91	11.662	11.662	0.000	97	18942	1.00	1.08	
109 trans-1,4-Dichloro-2-butene	53	11.694	11.694	0.000	50	943	1.00	1.00	
111 2-Chlorotoluene	91	11.783	11.783	0.000	93	12062	1.00	1.06	
112 4-Ethyltoluene	105	11.825	11.825	0.000	95	15724	1.00	1.06	
114 1,3,5-Trimethylbenzene	105	11.919	11.919	0.000	91	13031	1.00	1.07	
113 4-Chlorotoluene	91	11.935	11.935	0.000	97	14062	1.00	1.12	
115 Butyl Methacrylate	87	12.087	12.087	0.000	85	3998	1.00	1.13	
116 tert-Butylbenzene	119	12.302	12.302	0.000	92	11487	1.00	1.07	
117 1,2,4-Trimethylbenzene	105	12.375	12.375	0.000	96	13390	1.00	1.08	
118 sec-Butylbenzene	105	12.559	12.559	0.000	96	16040	1.00	1.11	
119 1,3-Dichlorobenzene	146	12.695	12.695	0.000	95	7964	1.00	1.11	
122 4-Isopropyltoluene	119	12.732	12.732	0.000	87	13676	1.00	1.09	
* 120 1,4-Dichlorobenzene-d4	152	12.779	12.779	0.000	95	240541	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.805	12.805	0.000	85	8352	1.00	1.16	
123 1,2,3-Trimethylbenzene	105	12.847	12.847	0.000	97	13468	1.00	1.10	
124 Benzyl chloride	91	12.962	12.962	0.000	84	4068	1.00	0.8116	
125 2,3-Dihydroindene	117	13.041	13.041	0.000	91	11618	1.00	1.09	
127 p-Diethylbenzene	119	13.135	13.135	0.000	90	8269	1.00	1.15	
128 n-Butylbenzene	92	13.162	13.162	0.000	97	7453	1.00	1.26	
126 1,2-Dichlorobenzene	146	13.188	13.188	0.000	93	7230	1.00	1.16	
130 1,2,4,5-Tetramethylbenzene	119	13.880	13.880	0.000	95	12286	1.00	1.18	
129 1,2-Dibromo-3-Chloropropane	157	13.948	13.948	0.000	30	587	1.00	1.13	
131 1,3,5-Trichlorobenzene	180	14.090	14.090	0.000	94	5790	1.00	1.30	
132 1,2,4-Trichlorobenzene	180	14.625	14.625	0.000	89	5627	1.00	1.63	
133 Hexachlorobutadiene	225	14.735	14.735	0.000	76	5888	1.00	3.05	
134 Naphthalene	128	14.824	14.824	0.000	99	13708	1.00	1.47	
135 1,2,3-Trichlorobenzene	180	15.018	15.018	0.000	91	5074	1.00	1.69	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.02	
S 137 Xylenes, Total	100				0		2.00	2.00	
S 140 Total BTEX	1				0		5.00	5.07	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.76	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00214	Amount Added:	10.00	Units: uL	
ACROLEIN W_00189	Amount Added:	4.00	Units: uL	
GASES Li_00669	Amount Added:	10.00	Units: uL	
14DIOXINTER_00190	Amount Added:	30.00	Units: uL	
524FREONS_00044	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00083	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 14-Nov-2025 17:39:32 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Injection Date: 10-Nov-2025 13:08:24 Instrument ID: CVOAMS15

Lims ID: STD1

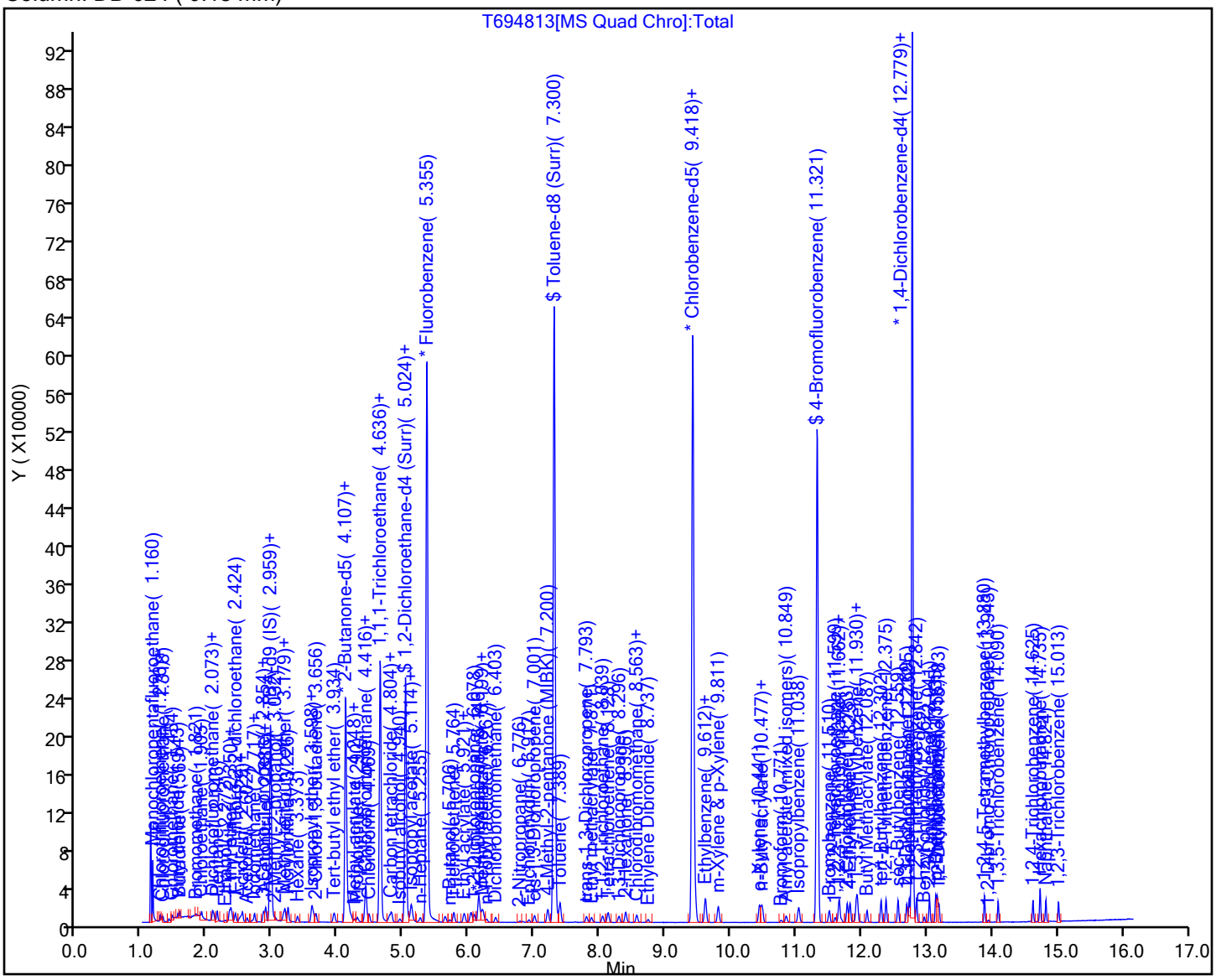
Client ID:

Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

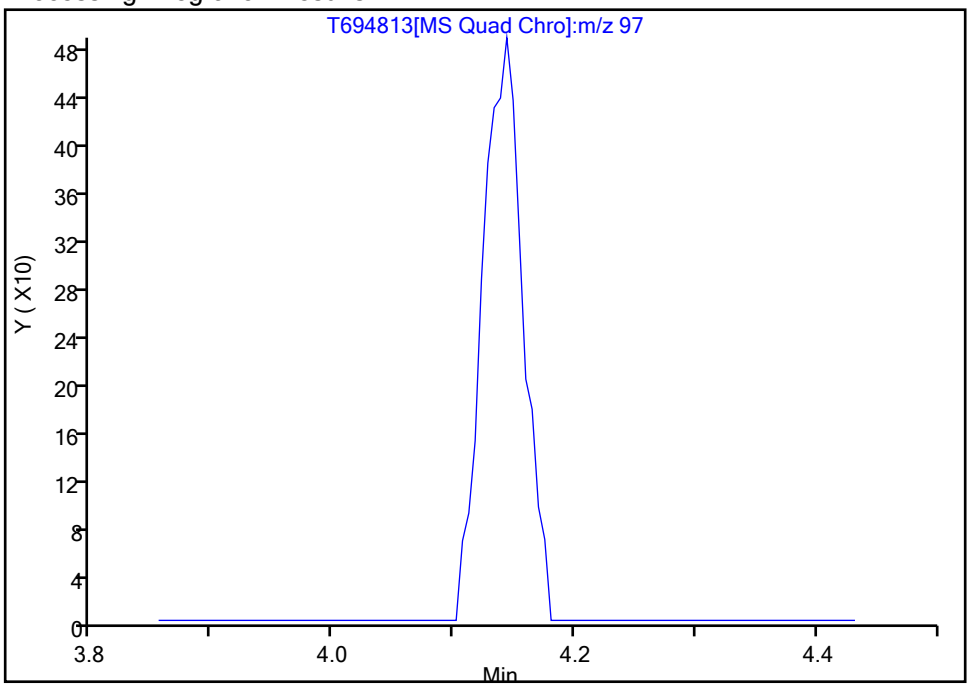
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D
Injection Date: 10-Nov-2025 13:08:24 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

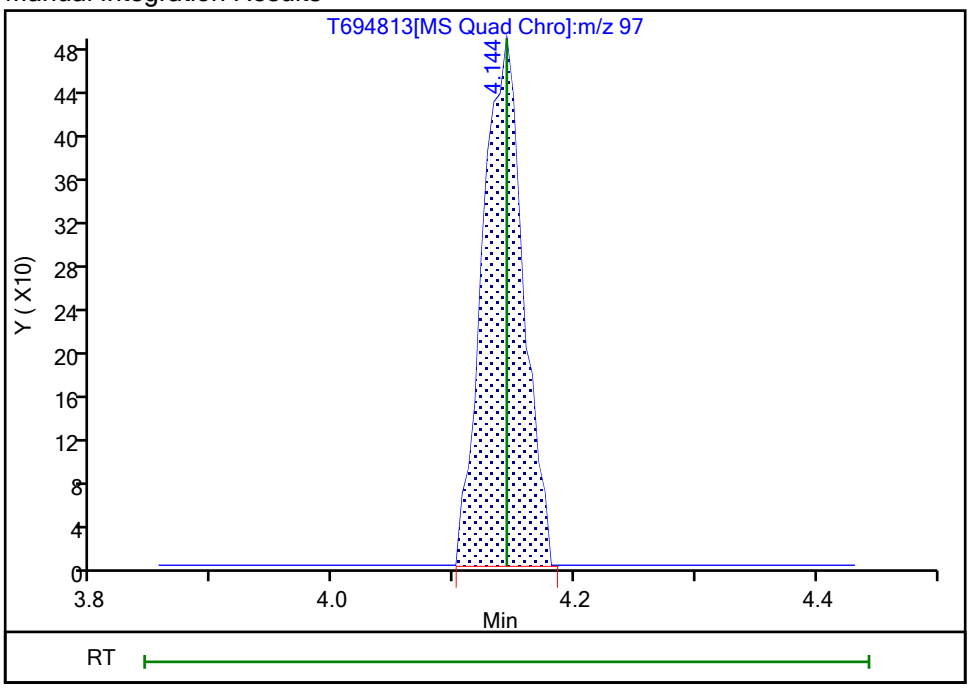
Not Detected
Expected RT: 4.14

Processing Integration Results



Manual Integration Results

RT: 4.14
Area: 1130
Amount: 0.899491
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:10:45 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

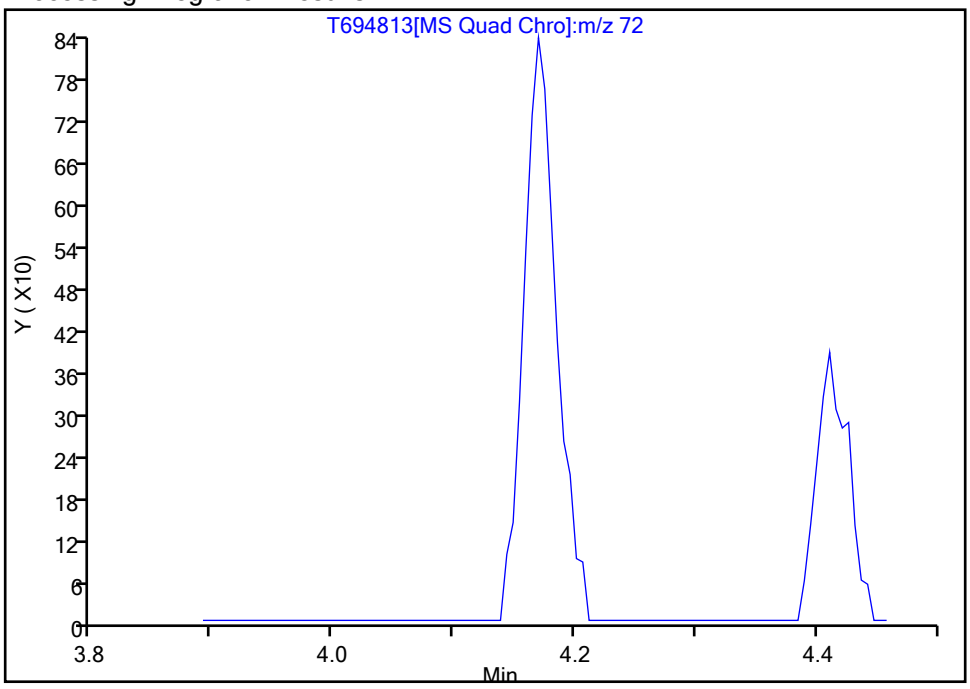
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D
Injection Date: 10-Nov-2025 13:08:24 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

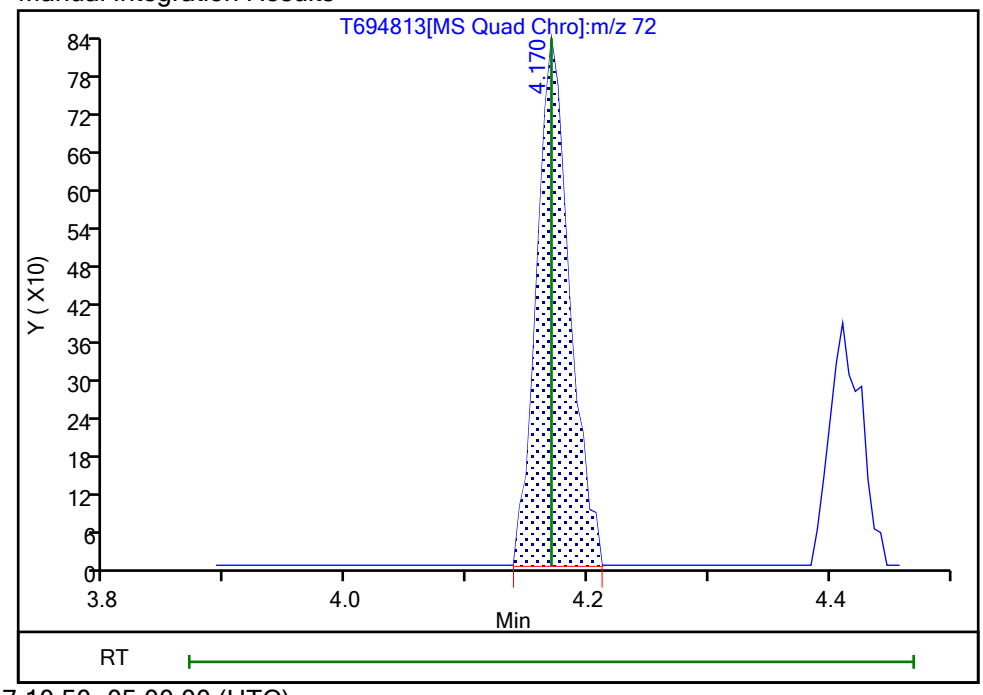
Not Detected
Expected RT: 4.17

Processing Integration Results



Manual Integration Results

RT: 4.17
Area: 1585
Amount: 4.839597
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:10:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

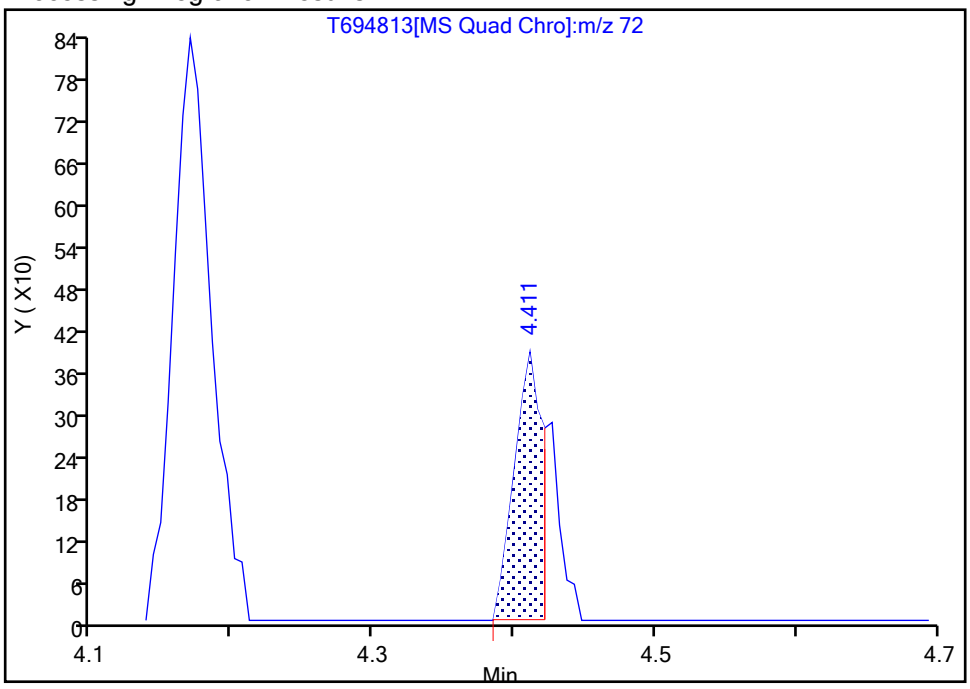
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D
Injection Date: 10-Nov-2025 13:08:24 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

51 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

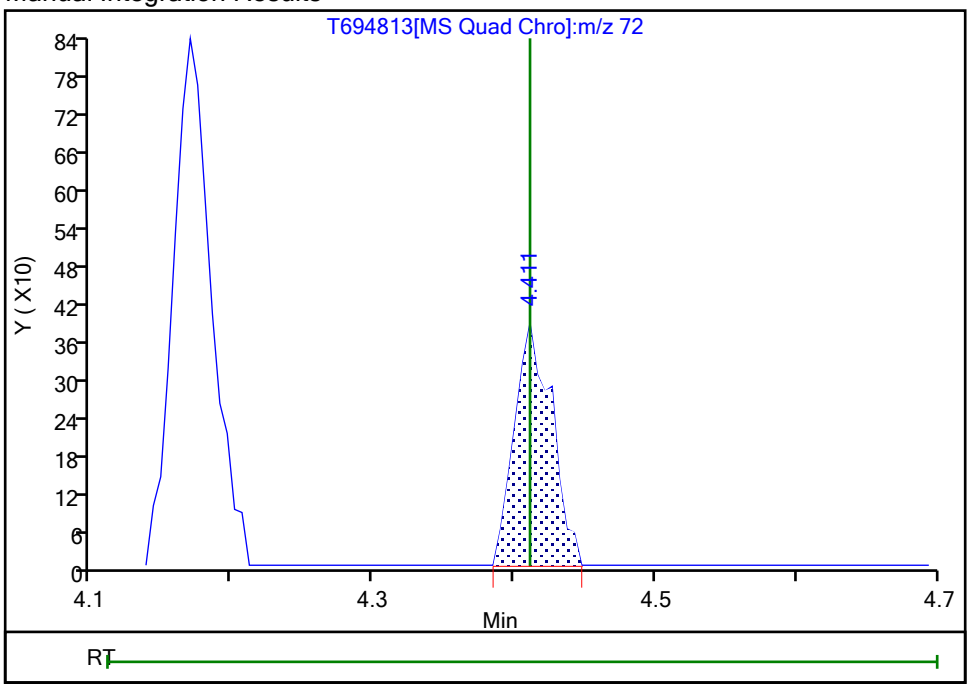
Processing Integration Results

RT: 4.41
Area: 539
Amount: 1.800000
Amount Units: ug/l



Manual Integration Results

RT: 4.41
Area: 706
Amount: 2.267377
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:10:59 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Calibration / Chlorotrifluoroethene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

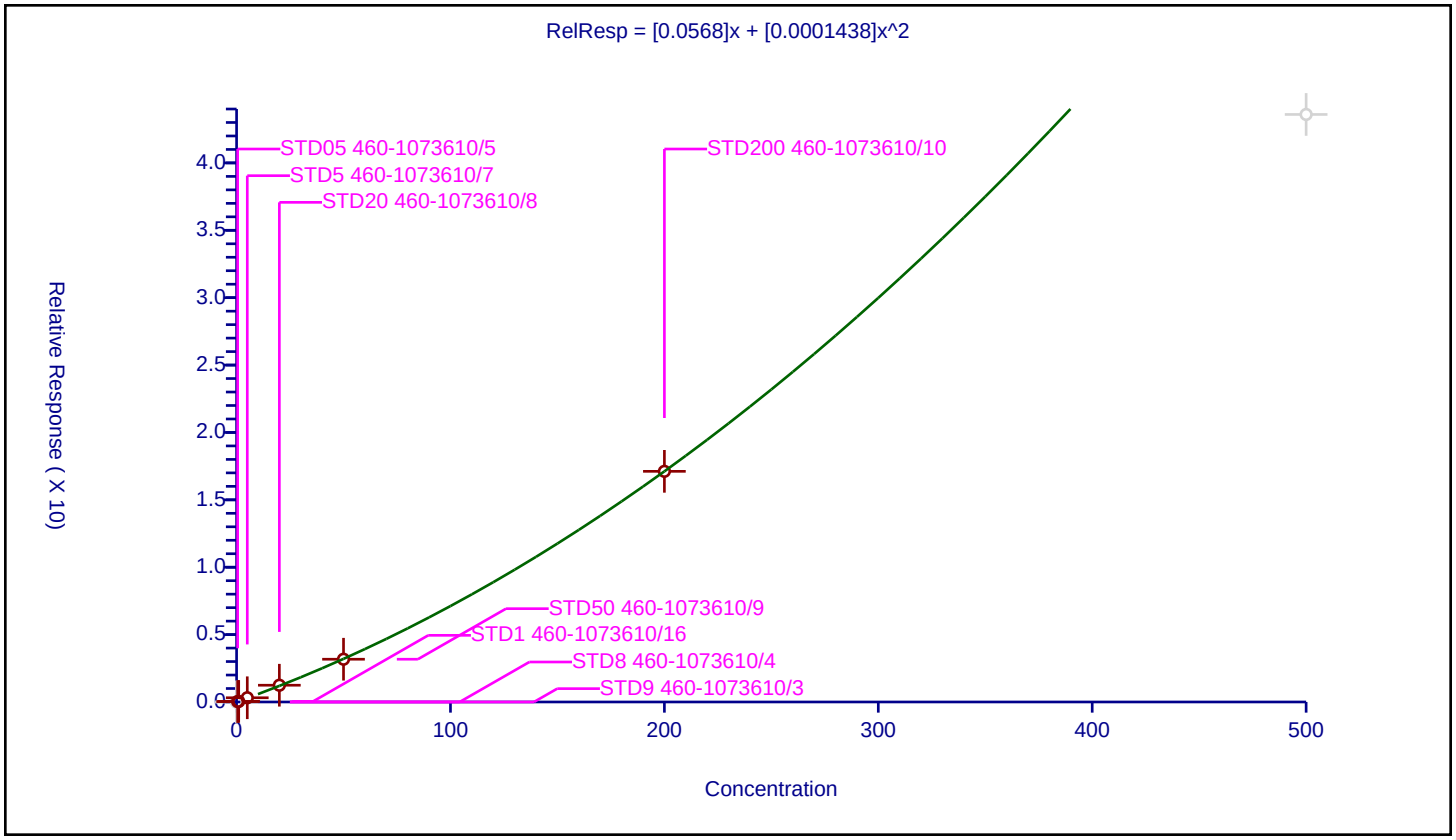
Curve Coefficients

Intercept:	0
Slope:	0.0568
Second Order:	0.0001438

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	0.0	0.0	50.0	599334.0	NaN	N
2	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
3	STD05 460-1073610/5	0.5	0.03002	50.0	596265.0	0.06004	Y
4	STD1 460-1073610/16	1.0	0.043054	50.0	593436.0	0.043054	Y
5	STD5 460-1073610/7	5.0	0.313219	50.0	619535.0	0.062644	Y
6	STD20 460-1073610/8	20.0	1.242809	50.0	628777.0	0.06214	Y
7	STD50 460-1073610/9	50.0	3.17314	50.0	624681.0	0.063463	Y
8	STD200 460-1073610/10	200.0	17.114991	50.0	611350.0	0.085575	Y
9	STD500 460-1073610/11	500.0	43.595456	50.0	609091.0	0.087191	N



Calibration / Dichlorodifluoromethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

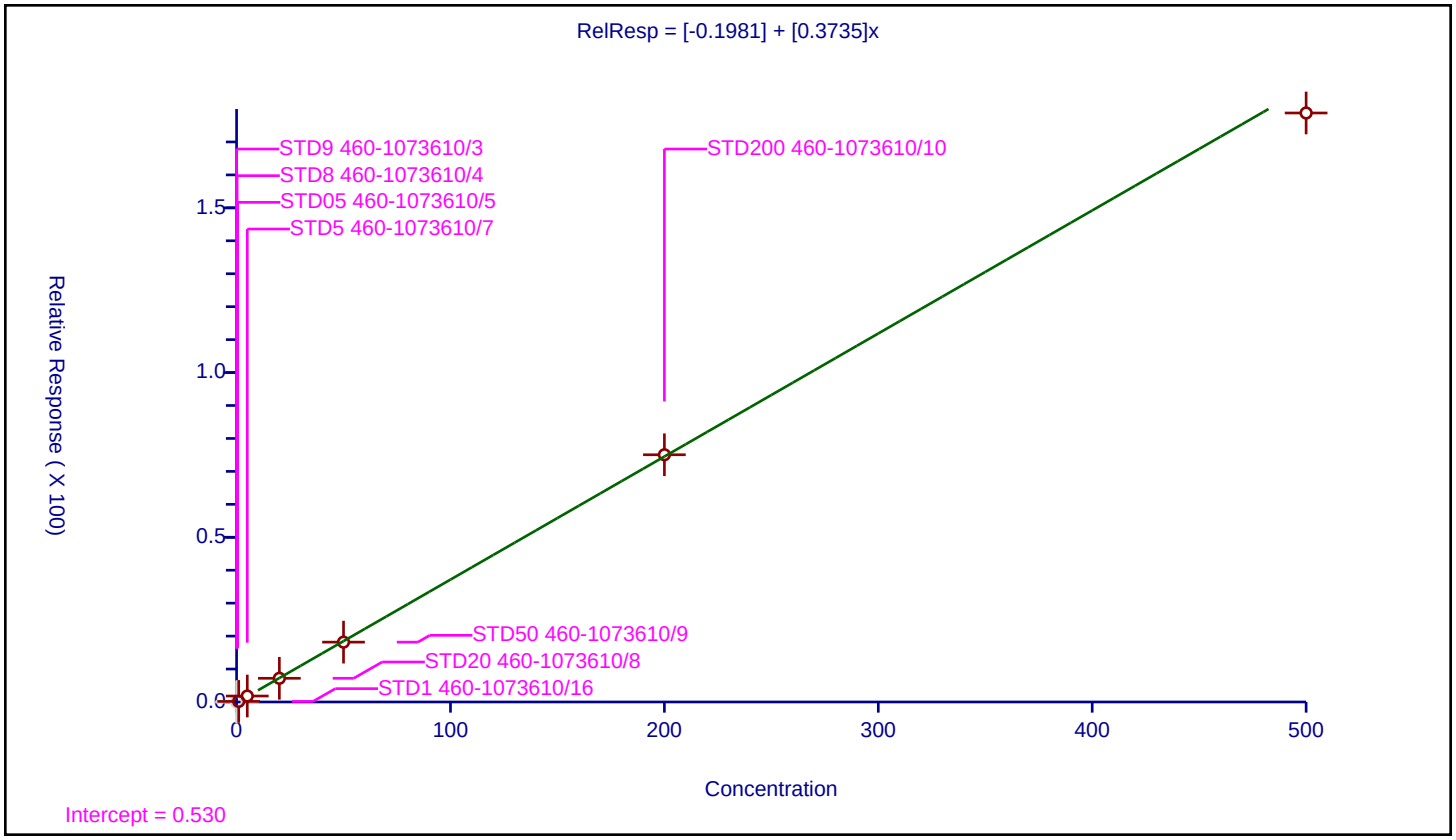
Curve Coefficients

Intercept:	-0.1981
Slope:	0.3735

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	0.0	0.0	50.0	599334.0	NaN	N
2	STD8 460-1073610/4	0.25	0.0	50.0	601573.0	0.0	N
3	STD05 460-1073610/5	0.5	0.184817	50.0	596265.0	0.369634	N
4	STD1 460-1073610/16	1.0	0.170027	50.0	593436.0	0.170027	Y
5	STD5 460-1073610/7	5.0	1.812488	50.0	619535.0	0.362498	Y
6	STD20 460-1073610/8	20.0	7.188956	50.0	628777.0	0.359448	Y
7	STD50 460-1073610/9	50.0	18.166472	50.0	624681.0	0.363329	Y
8	STD200 460-1073610/10	200.0	75.048417	50.0	611350.0	0.375242	Y
9	STD500 460-1073610/11	500.0	178.791264	50.0	609091.0	0.357583	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

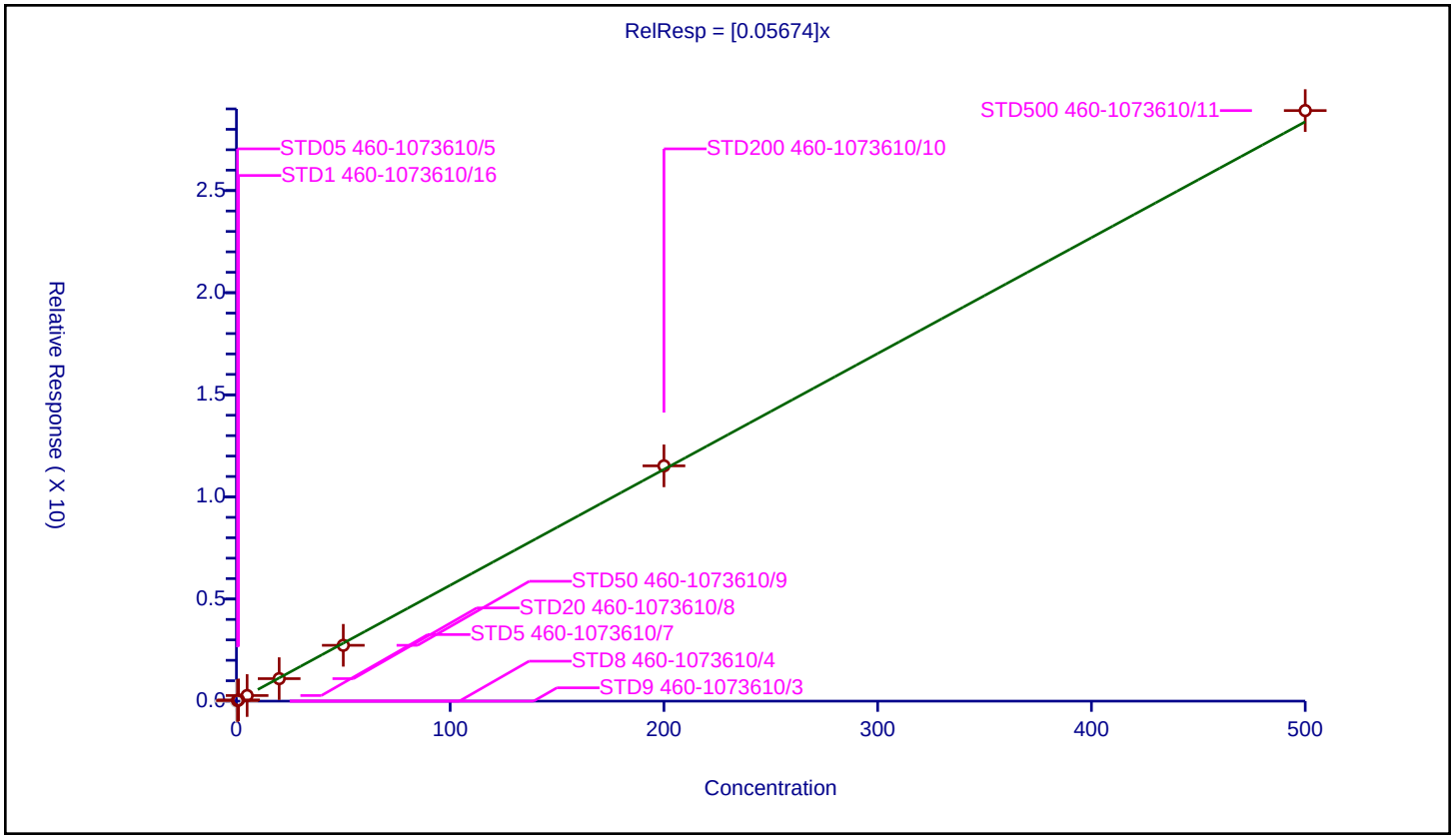
Curve Coefficients

Intercept:	0
Slope:	0.05674

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	0.0	0.0	50.0	599334.0	NaN	N
2	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
3	STD05 460-1073610/5	0.5	0.029182	50.0	596265.0	0.058363	Y
4	STD1 460-1073610/16	1.0	0.05881	50.0	593436.0	0.05881	Y
5	STD5 460-1073610/7	5.0	0.273996	50.0	619535.0	0.054799	Y
6	STD20 460-1073610/8	20.0	1.101662	50.0	628777.0	0.055083	Y
7	STD50 460-1073610/9	50.0	2.733795	50.0	624681.0	0.054676	Y
8	STD200 460-1073610/10	200.0	11.521305	50.0	611350.0	0.057607	Y
9	STD500 460-1073610/11	500.0	28.917436	50.0	609091.0	0.057835	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

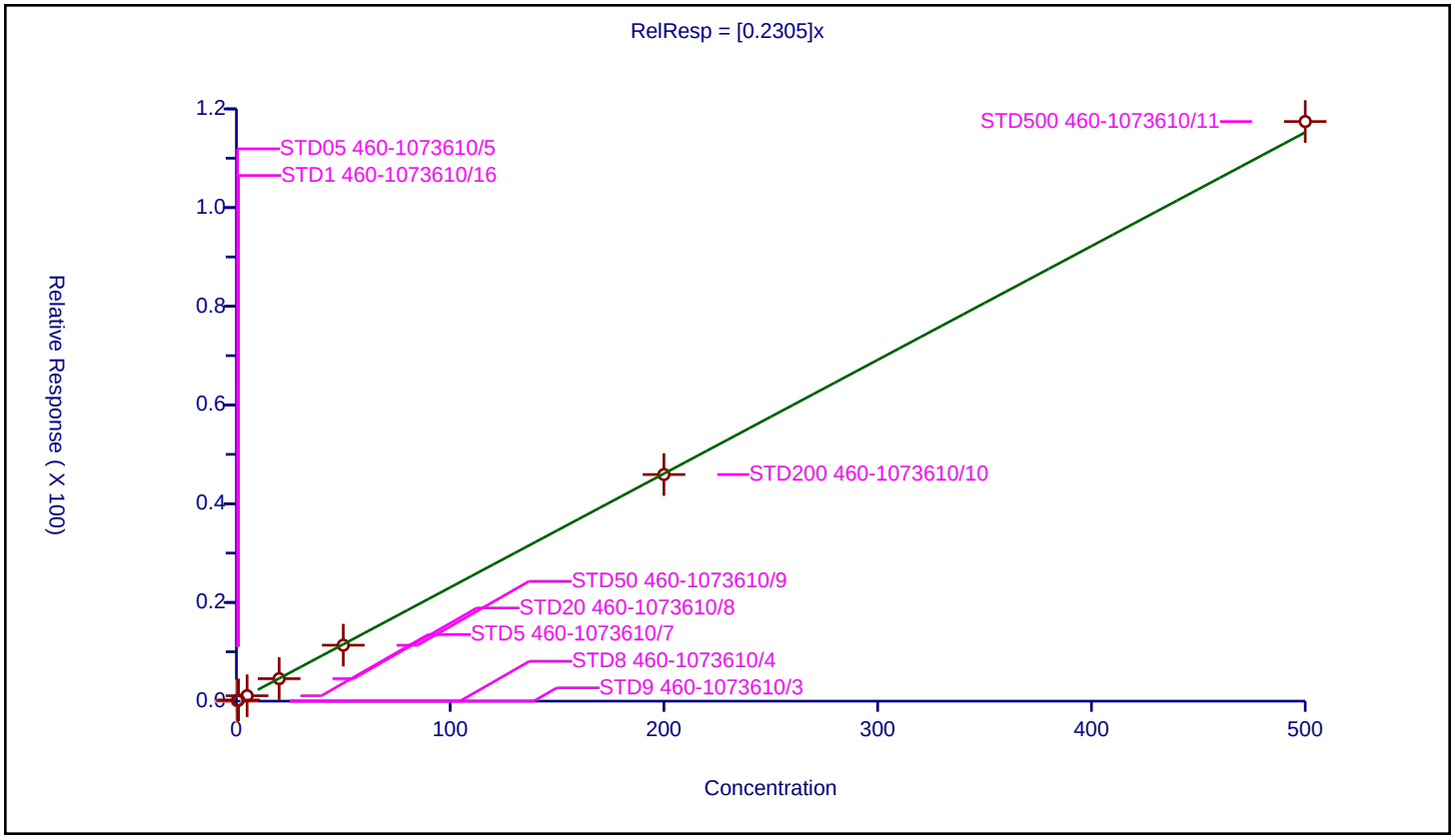
Curve Coefficients

Intercept:	0
Slope:	0.2305

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	0.0	0.0	50.0	599334.0	NaN	N
2	STD8 460-1073610/4	0.25	0.0	50.0	601573.0	0.0	N
3	STD05 460-1073610/5	0.5	0.118068	50.0	596265.0	0.236137	Y
4	STD1 460-1073610/16	1.0	0.238189	50.0	593436.0	0.238189	Y
5	STD5 460-1073610/7	5.0	1.100019	50.0	619535.0	0.220004	Y
6	STD20 460-1073610/8	20.0	4.556464	50.0	628777.0	0.227823	Y
7	STD50 460-1073610/9	50.0	11.338747	50.0	624681.0	0.226775	Y
8	STD200 460-1073610/10	200.0	45.919032	50.0	611350.0	0.229595	Y
9	STD500 460-1073610/11	500.0	117.437624	50.0	609091.0	0.234875	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

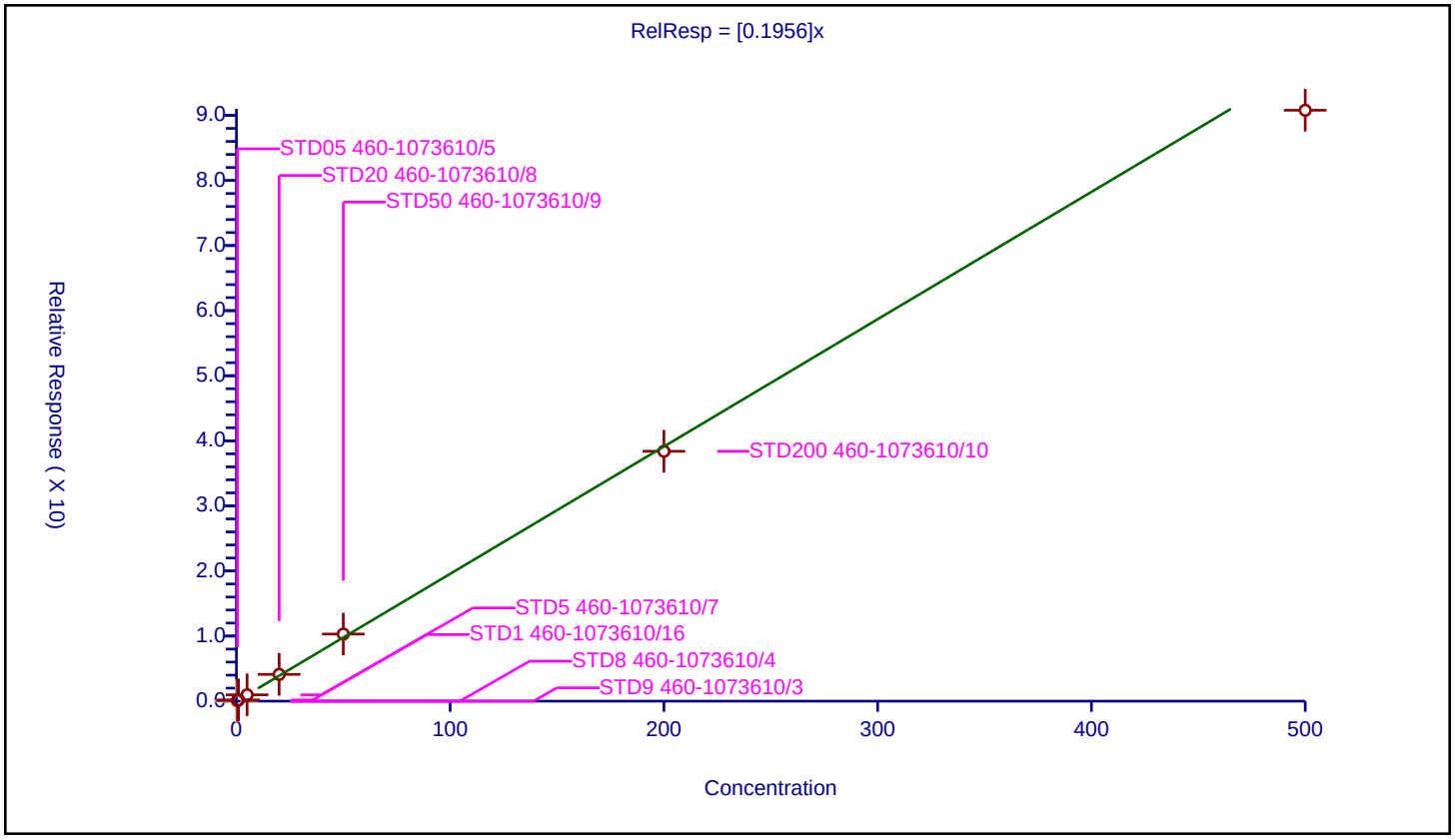
Curve Coefficients

Intercept:	0
Slope:	0.1956

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	0.0	0.0	50.0	599334.0	NaN	N
2	STD8 460-1073610/4	0.25	0.0	50.0	601573.0	0.0	N
3	STD05 460-1073610/5	0.5	0.10289	50.0	596265.0	0.205781	Y
4	STD1 460-1073610/16	1.0	0.182834	50.0	593436.0	0.182834	Y
5	STD5 460-1073610/7	5.0	0.976942	50.0	619535.0	0.195388	Y
6	STD20 460-1073610/8	20.0	4.111871	50.0	628777.0	0.205594	Y
7	STD50 460-1073610/9	50.0	10.30526	50.0	624681.0	0.206105	Y
8	STD200 460-1073610/10	200.0	38.391429	50.0	611350.0	0.191957	Y
9	STD500 460-1073610/11	500.0	90.792016	50.0	609091.0	0.181584	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

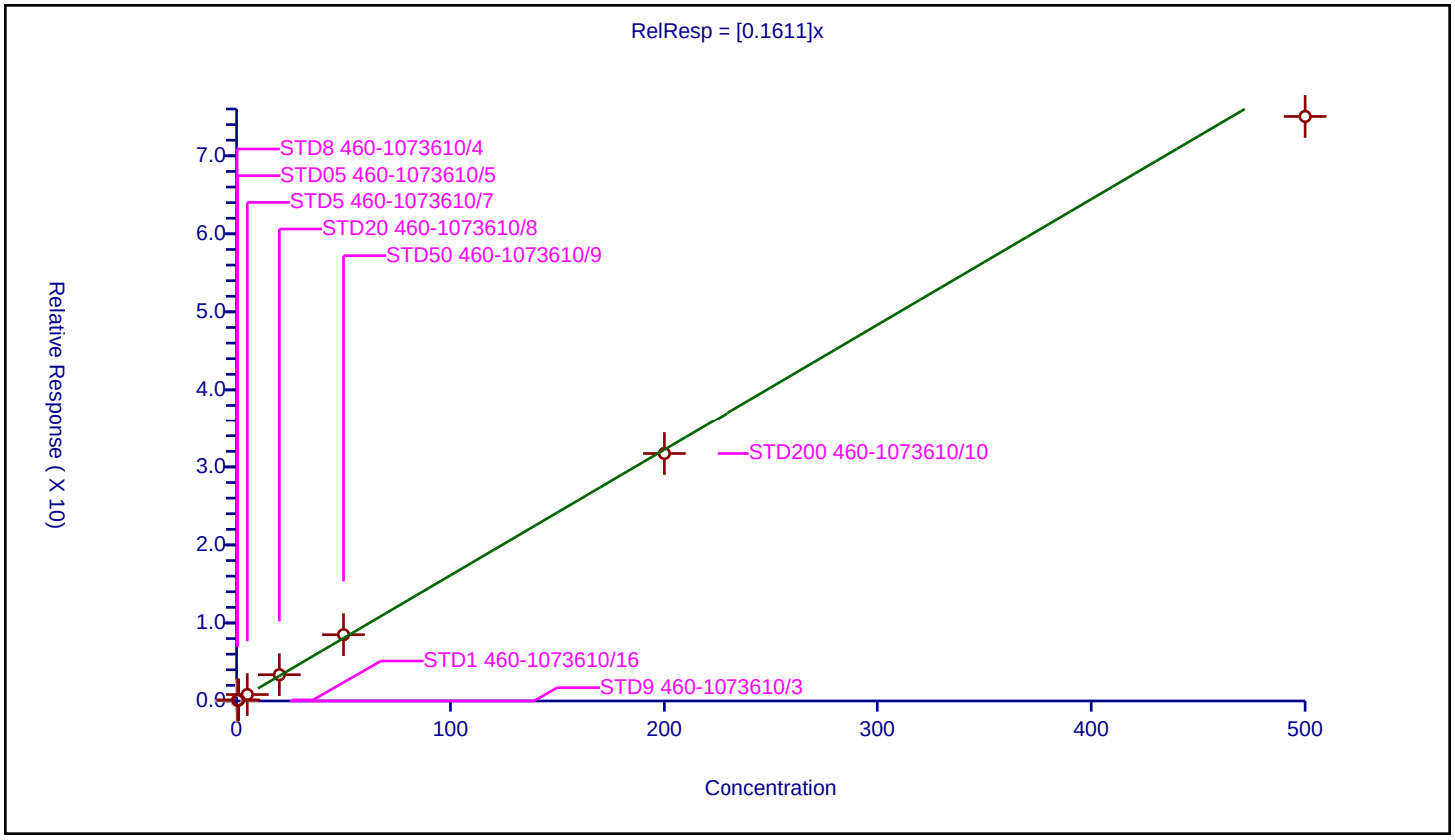
Curve Coefficients

Intercept:	0
Slope:	0.1611

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	0.0	0.0	50.0	599334.0	NaN	N
2	STD8 460-1073610/4	0.25	0.091095	50.0	601573.0	0.364378	N
3	STD05 460-1073610/5	0.5	0.089138	50.0	596265.0	0.178276	Y
4	STD1 460-1073610/16	1.0	0.137504	50.0	593436.0	0.137504	Y
5	STD5 460-1073610/7	5.0	0.824812	50.0	619535.0	0.164962	Y
6	STD20 460-1073610/8	20.0	3.366535	50.0	628777.0	0.168327	Y
7	STD50 460-1073610/9	50.0	8.495776	50.0	624681.0	0.169916	Y
8	STD200 460-1073610/10	200.0	31.721027	50.0	611350.0	0.158605	Y
9	STD500 460-1073610/11	500.0	75.046175	50.0	609091.0	0.150092	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

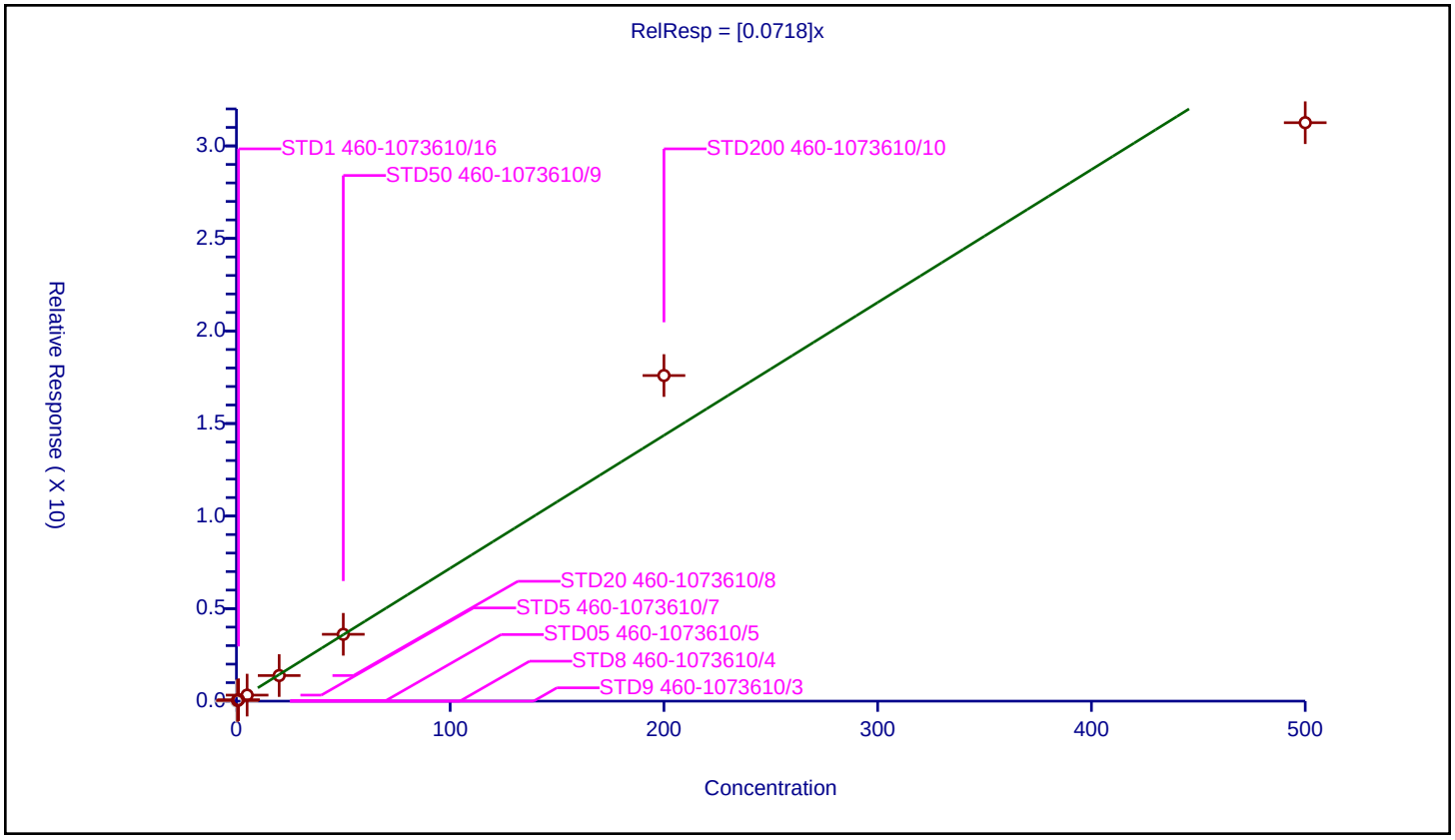
Curve Coefficients

Intercept:	0
Slope:	0.0718

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	0.0	0.0	50.0	599334.0	NaN	N
2	STD8 460-1073610/4	0.25	0.0	50.0	601573.0	0.0	N
3	STD05 460-1073610/5	0.5	0.035303	50.0	596265.0	0.070606	Y
4	STD1 460-1073610/16	1.0	0.074987	50.0	593436.0	0.074987	Y
5	STD5 460-1073610/7	5.0	0.325809	50.0	619535.0	0.065162	Y
6	STD20 460-1073610/8	20.0	1.382764	50.0	628777.0	0.069138	Y
7	STD50 460-1073610/9	50.0	3.611763	50.0	624681.0	0.072235	Y
8	STD200 460-1073610/10	200.0	17.593032	50.0	611350.0	0.087965	Y
9	STD500 460-1073610/11	500.0	31.2551	50.0	609091.0	0.06251	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

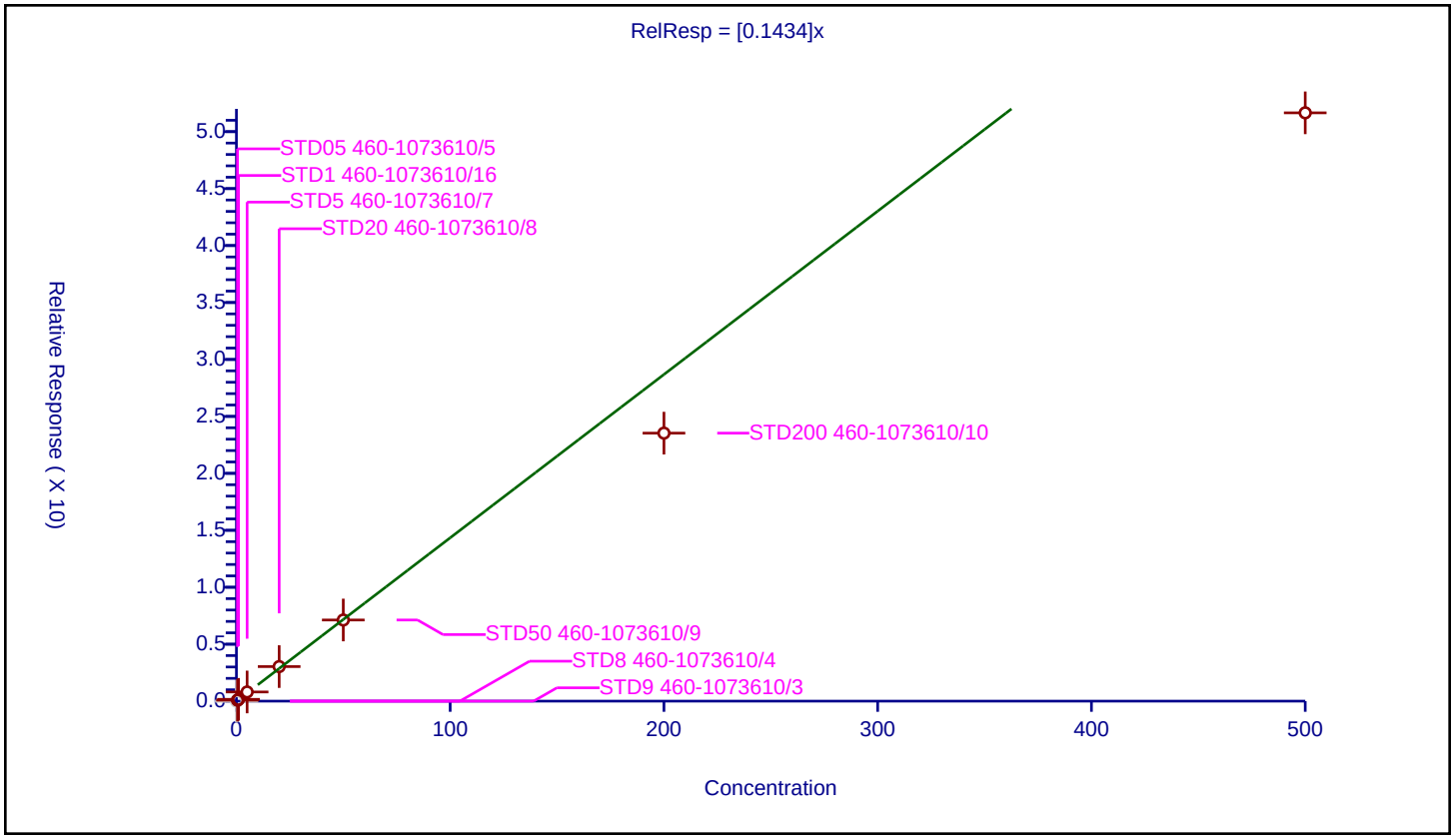
Curve Coefficients

Intercept:	0
Slope:	0.1434

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	0.0	0.0	50.0	599334.0	NaN	N
2	STD8 460-1073610/4	0.25	0.0	50.0	601573.0	0.0	N
3	STD05 460-1073610/5	0.5	0.084358	50.0	596265.0	0.168717	Y
4	STD1 460-1073610/16	1.0	0.158905	50.0	593436.0	0.158905	Y
5	STD5 460-1073610/7	5.0	0.805281	50.0	619535.0	0.161056	Y
6	STD20 460-1073610/8	20.0	3.035098	50.0	628777.0	0.151755	Y
7	STD50 460-1073610/9	50.0	7.124036	50.0	624681.0	0.142481	Y
8	STD200 460-1073610/10	200.0	23.530711	50.0	611350.0	0.117654	Y
9	STD500 460-1073610/11	500.0	51.65435	50.0	609091.0	0.103309	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

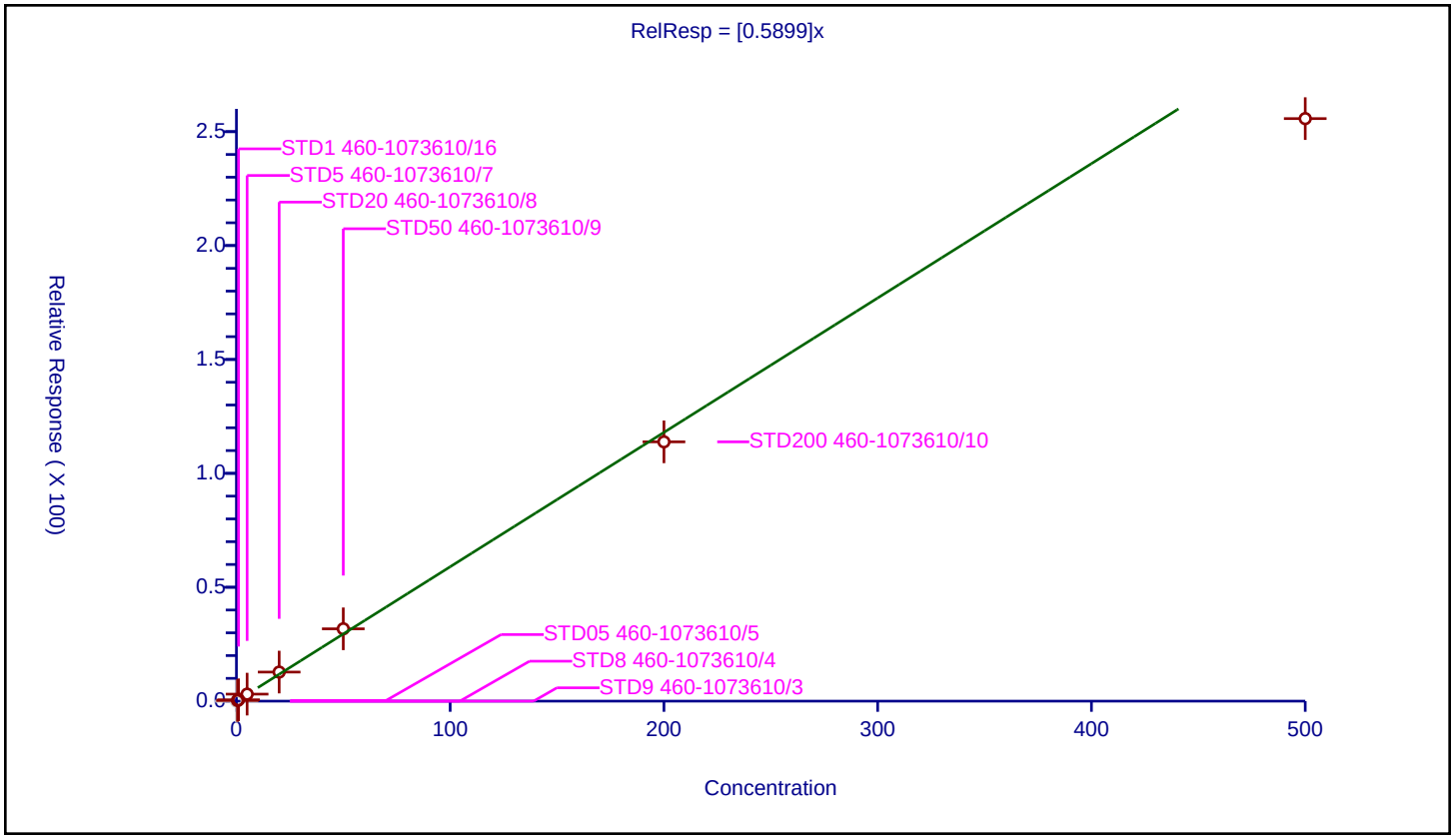
Curve Coefficients

Intercept:	0
Slope:	0.5899

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	0.0	0.0	50.0	599334.0	NaN	N
2	STD8 460-1073610/4	0.25	0.0	50.0	601573.0	0.0	N
3	STD05 460-1073610/5	0.5	0.281335	50.0	596265.0	0.562669	Y
4	STD1 460-1073610/16	1.0	0.596105	50.0	593436.0	0.596105	Y
5	STD5 460-1073610/7	5.0	3.086589	50.0	619535.0	0.617318	Y
6	STD20 460-1073610/8	20.0	12.757941	50.0	628777.0	0.637897	Y
7	STD50 460-1073610/9	50.0	31.749005	50.0	624681.0	0.63498	Y
8	STD200 460-1073610/10	200.0	113.833565	50.0	611350.0	0.569168	Y
9	STD500 460-1073610/11	500.0	255.734365	50.0	609091.0	0.511469	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

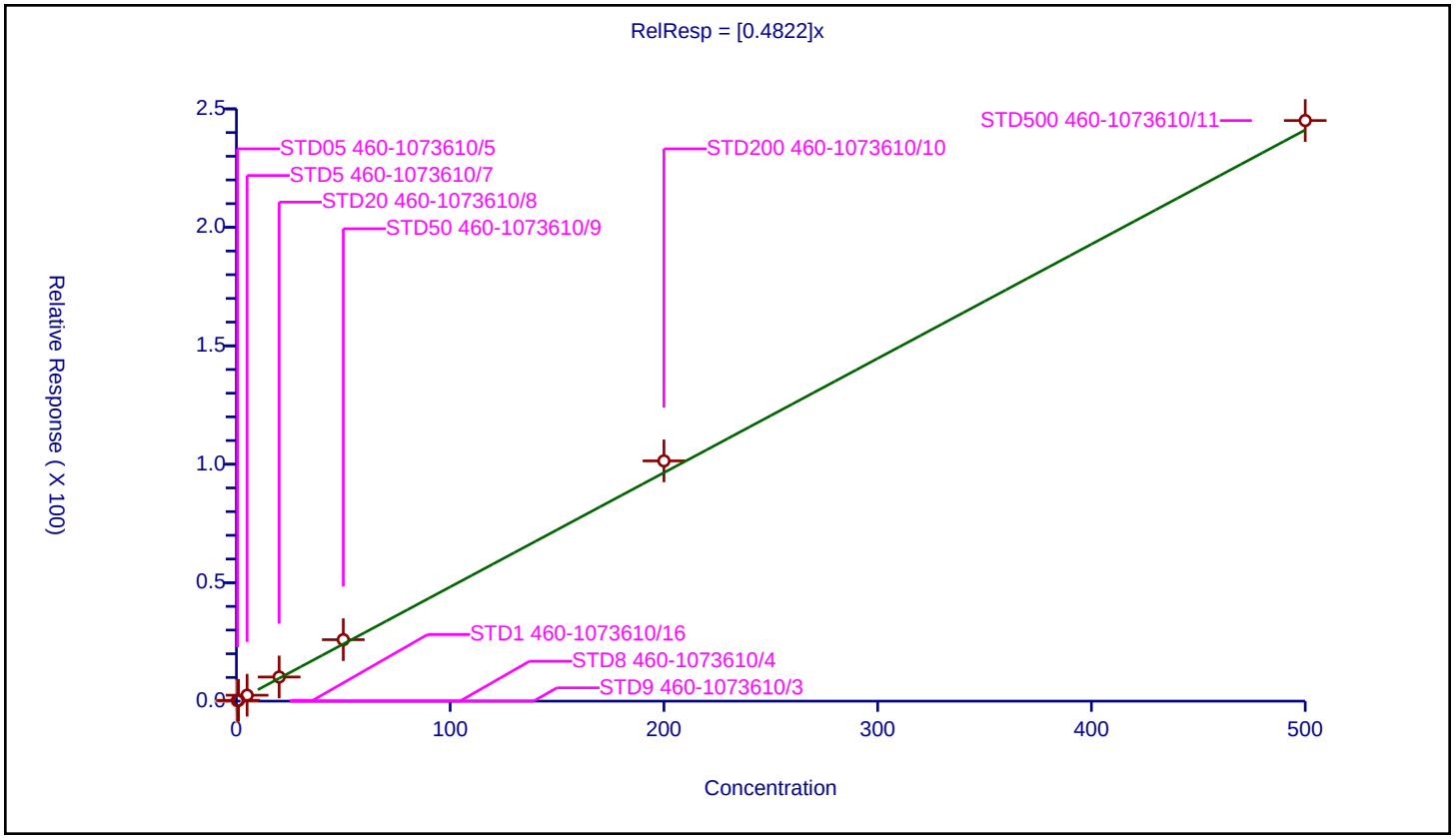
Curve Coefficients

Intercept:	0
Slope:	0.4822

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	0.0	0.0	50.0	599334.0	NaN	N
2	STD8 460-1073610/4	0.25	0.0	50.0	601573.0	0.0	N
3	STD05 460-1073610/5	0.5	0.245277	50.0	596265.0	0.490554	Y
4	STD1 460-1073610/16	1.0	0.358758	50.0	593436.0	0.358758	Y
5	STD5 460-1073610/7	5.0	2.501554	50.0	619535.0	0.500311	Y
6	STD20 460-1073610/8	20.0	10.191928	50.0	628777.0	0.509596	Y
7	STD50 460-1073610/9	50.0	25.948124	50.0	624681.0	0.518962	Y
8	STD200 460-1073610/10	200.0	101.416374	50.0	611350.0	0.507082	Y
9	STD500 460-1073610/11	500.0	245.08415	50.0	609091.0	0.490168	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

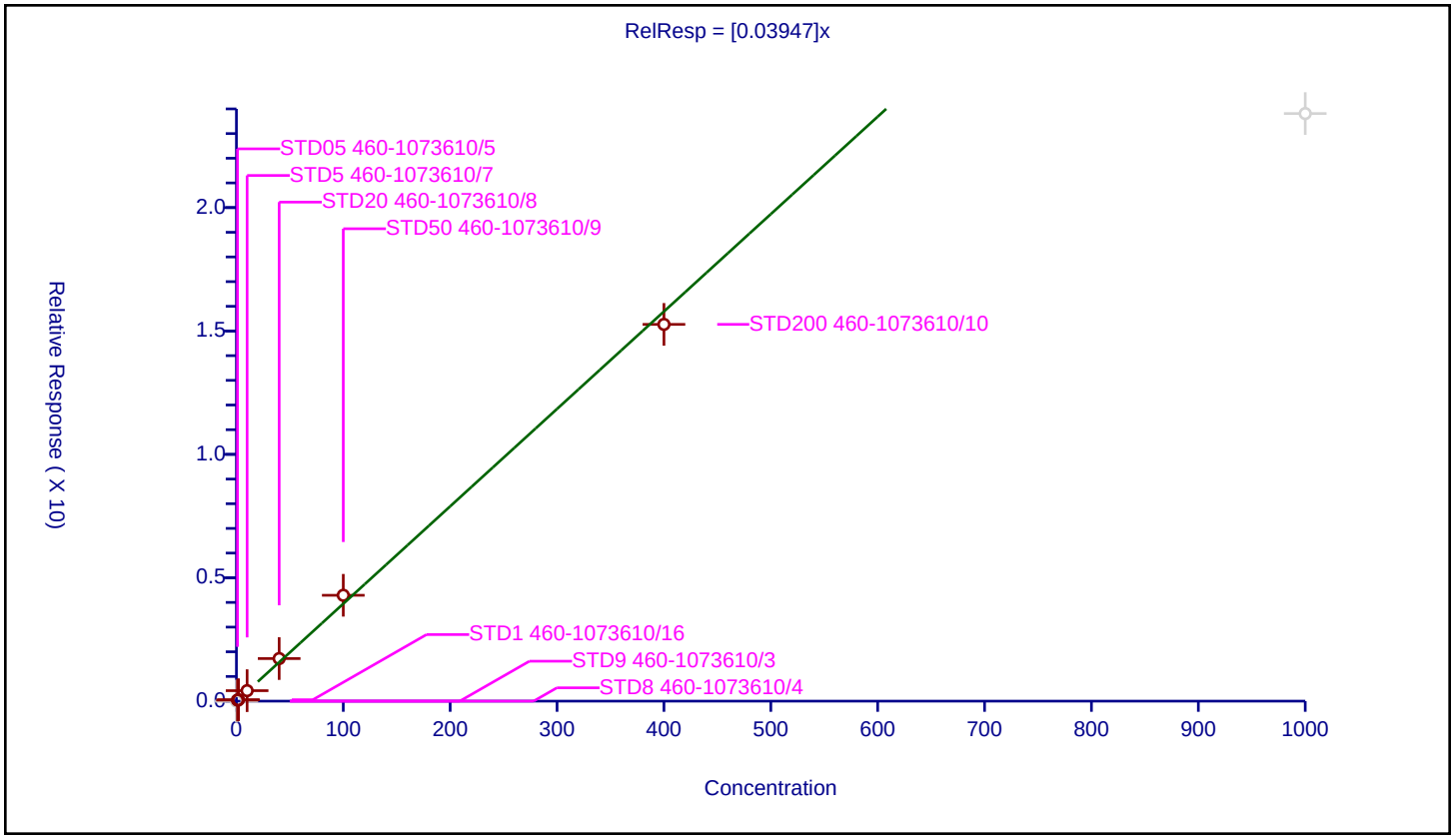
Curve Coefficients

Intercept:	0
Slope:	0.03947

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.4	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	1.0	0.042095	50.0	596265.0	0.042095	Y
4	STD1 460-1073610/16	2.0	0.056198	50.0	593436.0	0.028099	Y
5	STD5 460-1073610/7	10.0	0.424512	50.0	619535.0	0.042451	Y
6	STD20 460-1073610/8	40.0	1.725333	50.0	628777.0	0.043133	Y
7	STD50 460-1073610/9	100.0	4.28987	50.0	624681.0	0.042899	Y
8	STD200 460-1073610/10	400.0	15.267196	50.0	611350.0	0.038168	Y
9	STD500 460-1073610/11	1000.0	23.810892	50.0	609091.0	0.023811	N



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

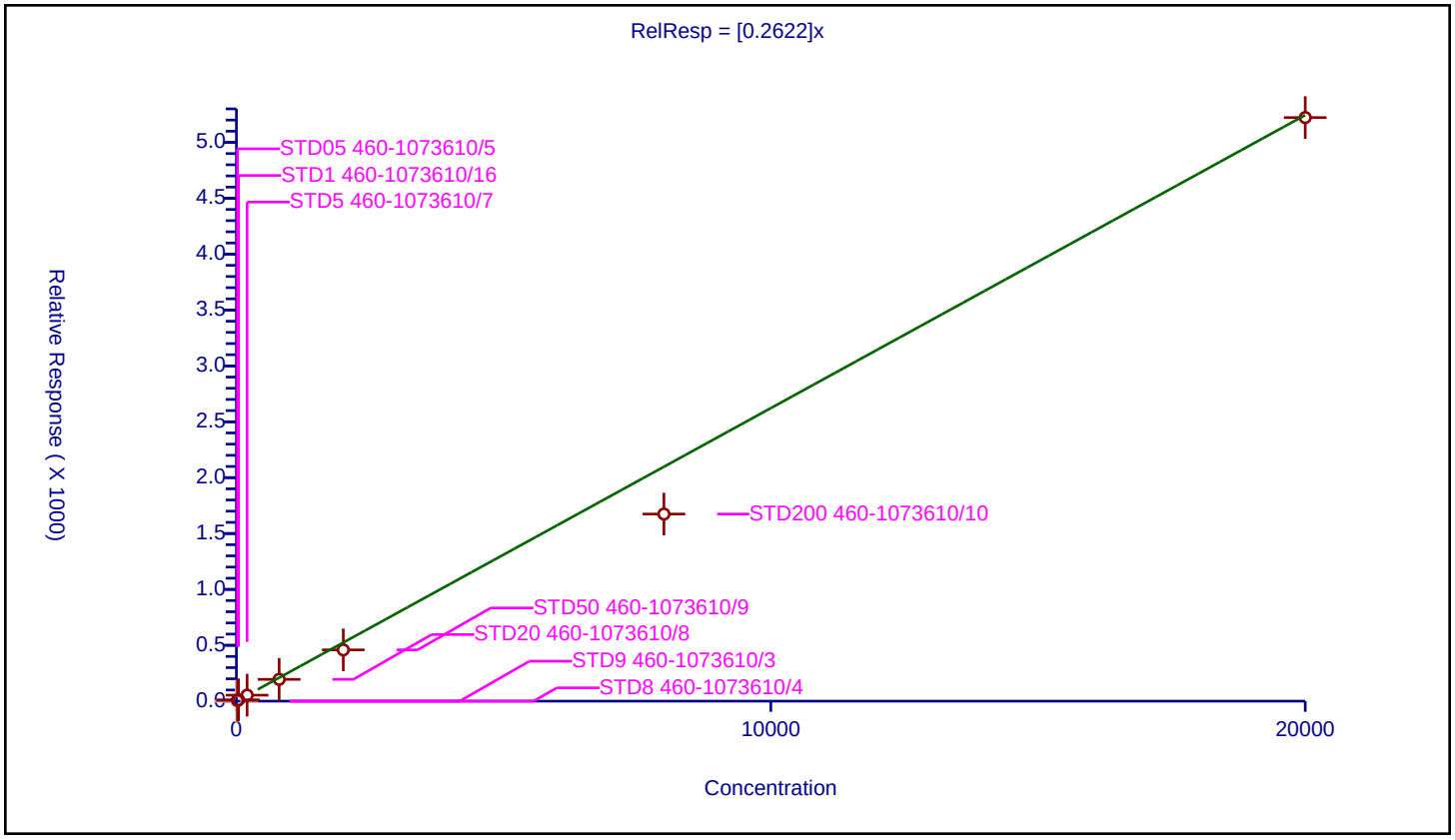
Curve Coefficients

Intercept:	0
Slope:	0.2622

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	1000.0	36629.0	NaN	N
2	STD9 460-1073610/3	8.0	0.0	1000.0	34298.0	0.0	N
3	STD05 460-1073610/5	20.0	6.684148	1000.0	38898.0	0.334207	Y
4	STD1 460-1073610/16	40.0	11.628484	1000.0	40332.0	0.290712	Y
5	STD5 460-1073610/7	200.0	53.465032	1000.0	37763.0	0.267325	Y
6	STD20 460-1073610/8	800.0	194.758832	1000.0	37816.0	0.243449	Y
7	STD50 460-1073610/9	2000.0	458.745966	1000.0	35948.0	0.229373	Y
8	STD200 460-1073610/10	8000.0	1674.192457	1000.0	35478.0	0.209274	Y
9	STD500 460-1073610/11	20000.0	5222.262812	1000.0	38324.0	0.261113	Y



Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

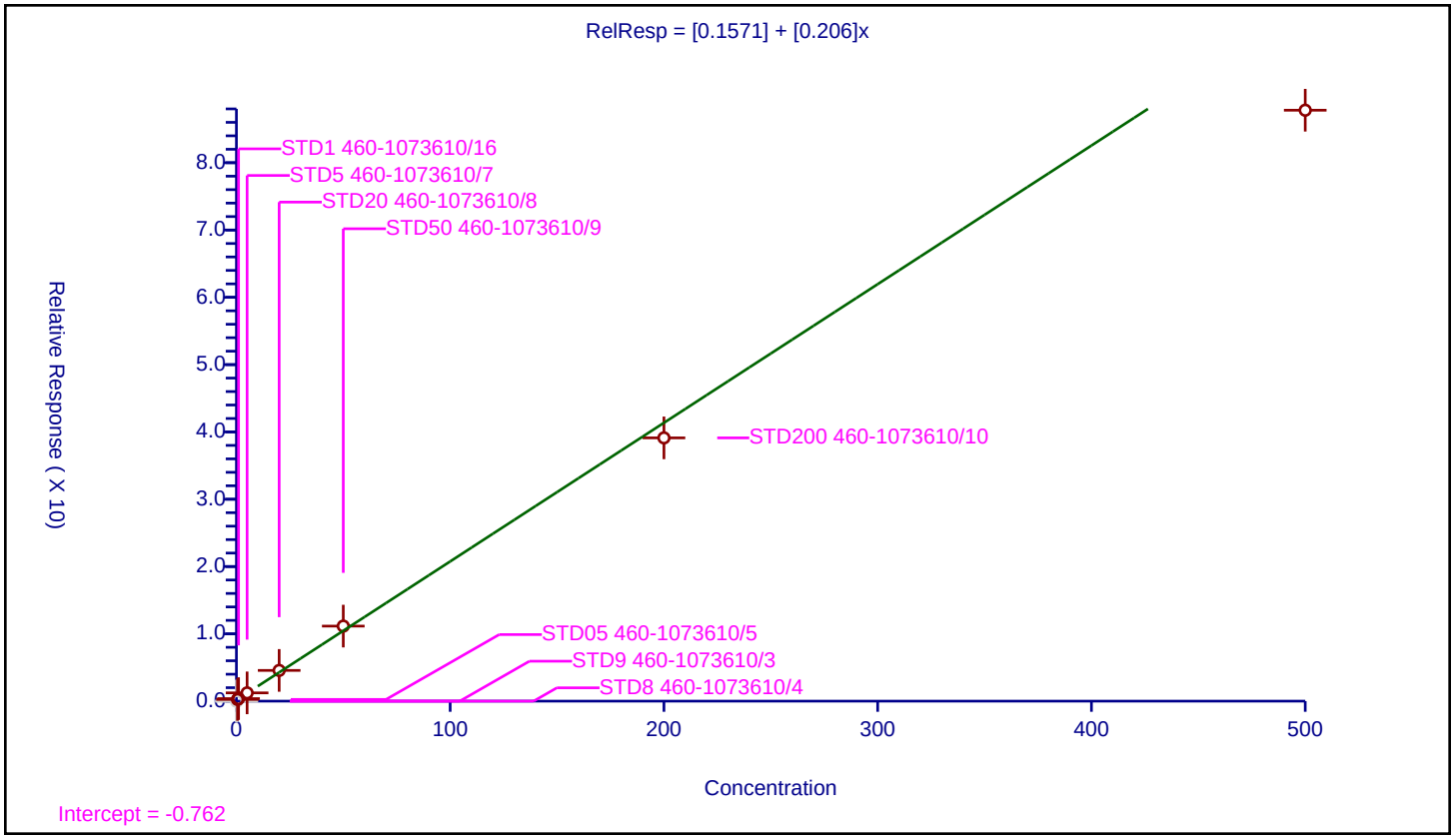
Curve Coefficients

Intercept:	0.1571
Slope:	0.206

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.256262	50.0	596265.0	0.512524	Y
4	STD1 460-1073610/16	1.0	0.375609	50.0	593436.0	0.375609	Y
5	STD5 460-1073610/7	5.0	1.230197	50.0	619535.0	0.246039	Y
6	STD20 460-1073610/8	20.0	4.565291	50.0	628777.0	0.228265	Y
7	STD50 460-1073610/9	50.0	11.151212	50.0	624681.0	0.223024	Y
8	STD200 460-1073610/10	200.0	39.115727	50.0	611350.0	0.195579	Y
9	STD500 460-1073610/11	500.0	87.801166	50.0	609091.0	0.175602	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

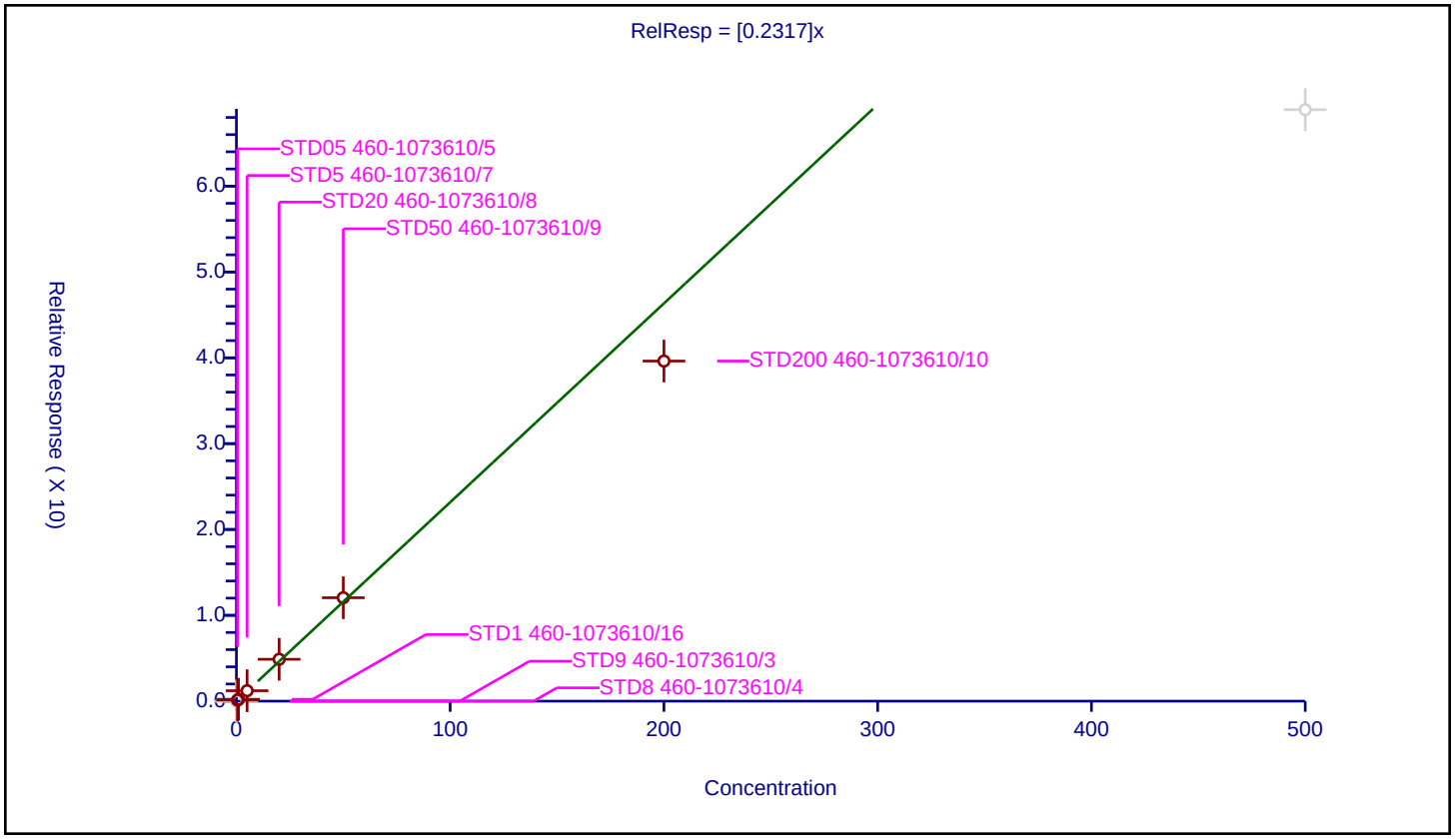
Curve Coefficients

Intercept:	0
Slope:	0.2317

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.124525	50.0	596265.0	0.24905	Y
4	STD1 460-1073610/16	1.0	0.215609	50.0	593436.0	0.215609	Y
5	STD5 460-1073610/7	5.0	1.21341	50.0	619535.0	0.242682	Y
6	STD20 460-1073610/8	20.0	4.875814	50.0	628777.0	0.243791	Y
7	STD50 460-1073610/9	50.0	12.046549	50.0	624681.0	0.240931	Y
8	STD200 460-1073610/10	200.0	39.622148	50.0	611350.0	0.198111	Y
9	STD500 460-1073610/11	500.0	68.908423	50.0	609091.0	0.137817	N



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

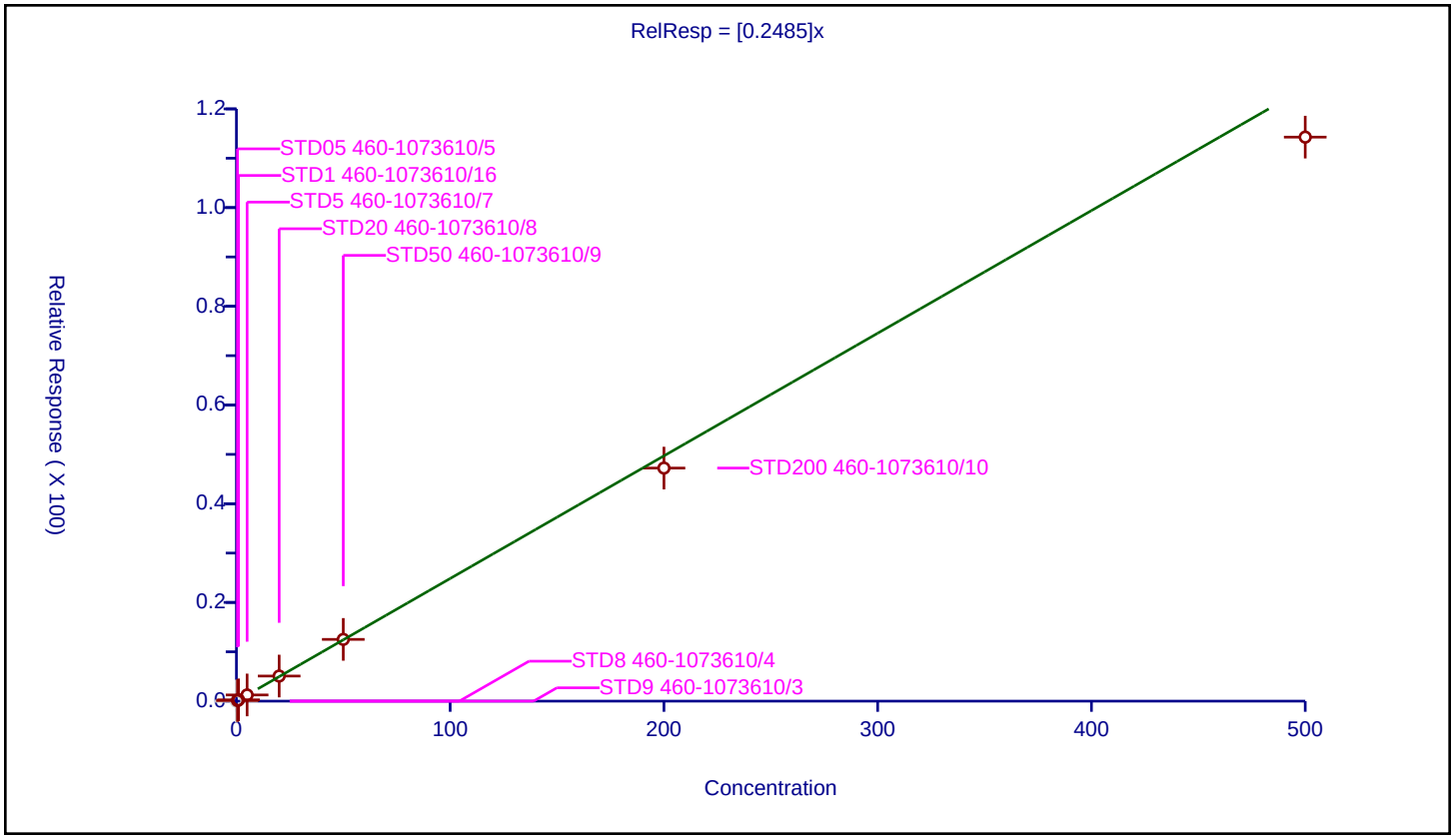
Curve Coefficients

Intercept:	0
Slope:	0.2485

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	0.0	0.0	50.0	599334.0	NaN	N
2	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
3	STD05 460-1073610/5	0.5	0.129221	50.0	596265.0	0.258442	Y
4	STD1 460-1073610/16	1.0	0.260854	50.0	593436.0	0.260854	Y
5	STD5 460-1073610/7	5.0	1.254409	50.0	619535.0	0.250882	Y
6	STD20 460-1073610/8	20.0	5.086461	50.0	628777.0	0.254323	Y
7	STD50 460-1073610/9	50.0	12.510545	50.0	624681.0	0.250211	Y
8	STD200 460-1073610/10	200.0	47.223358	50.0	611350.0	0.236117	Y
9	STD500 460-1073610/11	500.0	114.278655	50.0	609091.0	0.228557	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

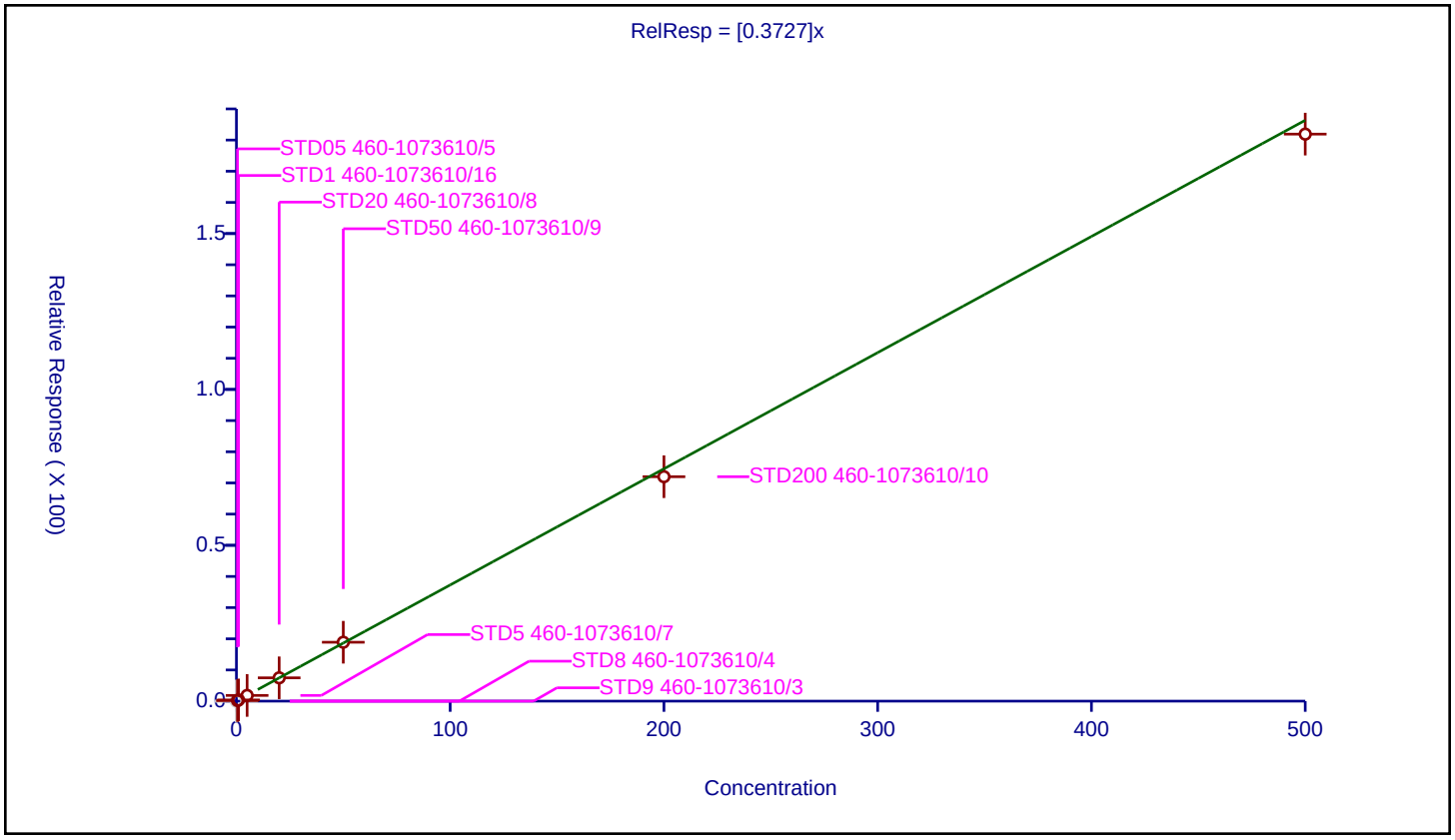
Curve Coefficients

Intercept:	0
Slope:	0.3727

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	0.0	0.0	50.0	599334.0	NaN	N
2	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
3	STD05 460-1073610/5	0.5	0.192113	50.0	596265.0	0.384225	Y
4	STD1 460-1073610/16	1.0	0.382097	50.0	593436.0	0.382097	Y
5	STD5 460-1073610/7	5.0	1.834279	50.0	619535.0	0.366856	Y
6	STD20 460-1073610/8	20.0	7.478725	50.0	628777.0	0.373936	Y
7	STD50 460-1073610/9	50.0	18.893643	50.0	624681.0	0.377873	Y
8	STD200 460-1073610/10	200.0	72.00139	50.0	611350.0	0.360007	Y
9	STD500 460-1073610/11	500.0	181.905495	50.0	609091.0	0.363811	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

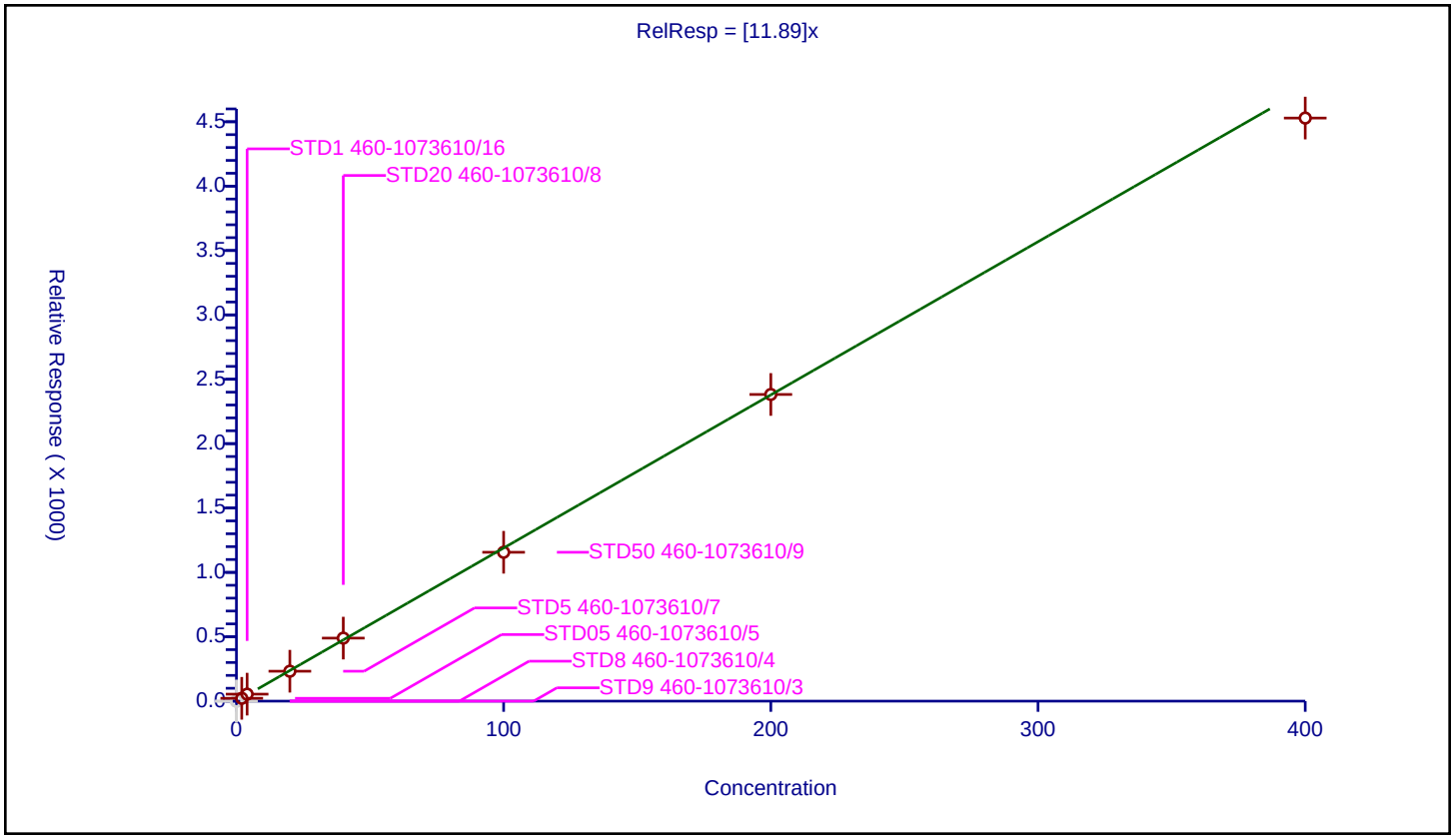
Curve Coefficients

Intercept:	0
Slope:	11.89

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	0.0	0.0	1000.0	34298.0	NaN	N
2	STD8 460-1073610/4	0.0	0.0	1000.0	36629.0	NaN	N
3	STD05 460-1073610/5	2.0	22.006273	1000.0	38898.0	11.003136	Y
4	STD1 460-1073610/16	4.0	54.373698	1000.0	40332.0	13.593425	Y
5	STD5 460-1073610/7	20.0	232.502714	1000.0	37763.0	11.625136	Y
6	STD20 460-1073610/8	40.0	489.554686	1000.0	37816.0	12.238867	Y
7	STD50 460-1073610/9	100.0	1156.364749	1000.0	35948.0	11.563647	Y
8	STD200 460-1073610/10	200.0	2382.011387	1000.0	35478.0	11.910057	Y
9	STD500 460-1073610/11	400.0	4528.885294	1000.0	38324.0	11.322213	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

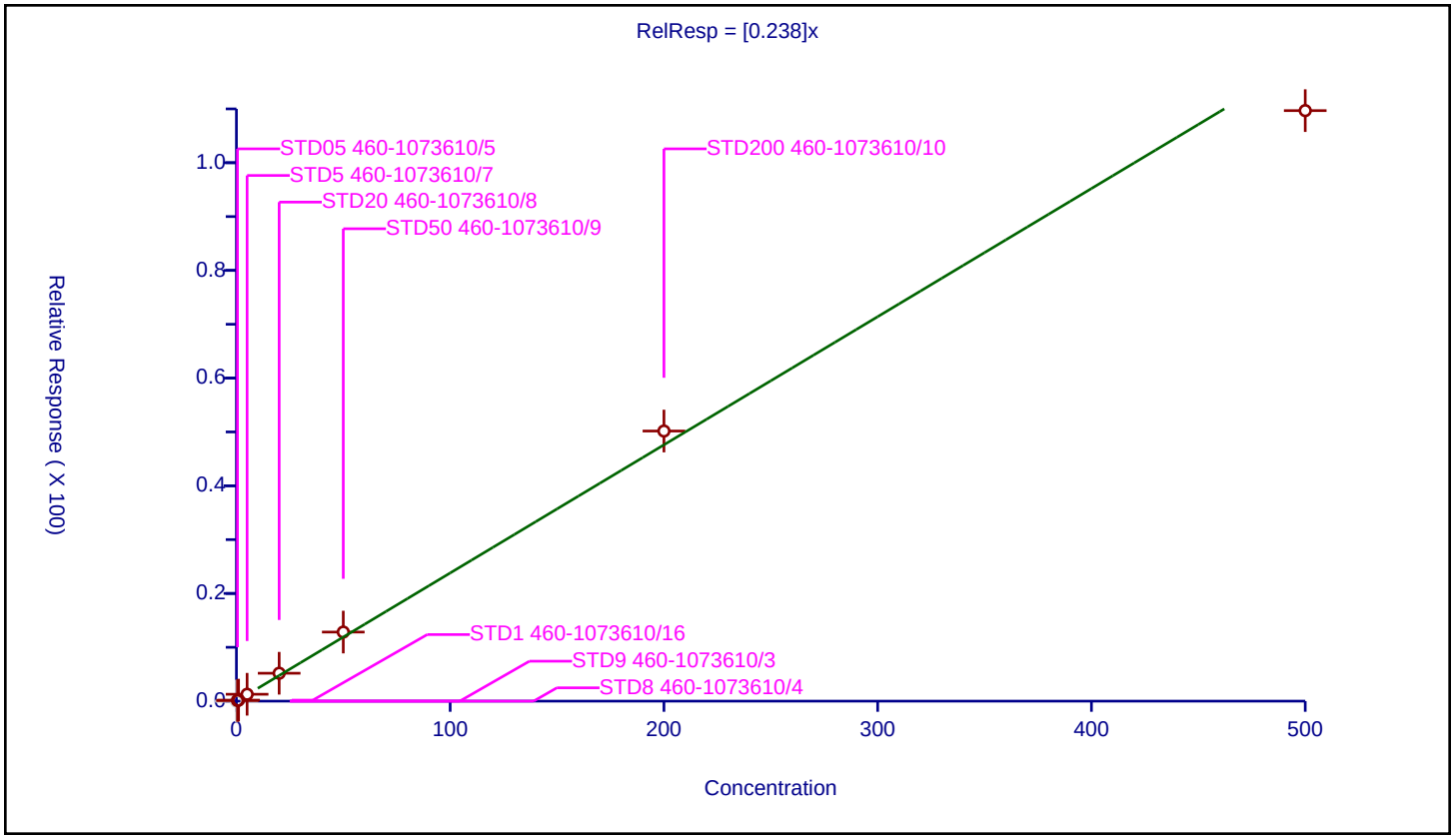
Curve Coefficients

Intercept:	0
Slope:	0.238

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.119662	50.0	596265.0	0.239323	Y
4	STD1 460-1073610/16	1.0	0.185614	50.0	593436.0	0.185614	Y
5	STD5 460-1073610/7	5.0	1.276441	50.0	619535.0	0.255288	Y
6	STD20 460-1073610/8	20.0	5.182123	50.0	628777.0	0.259106	Y
7	STD50 460-1073610/9	50.0	12.829428	50.0	624681.0	0.256589	Y
8	STD200 460-1073610/10	200.0	50.169379	50.0	611350.0	0.250847	Y
9	STD500 460-1073610/11	500.0	109.677618	50.0	609091.0	0.219355	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

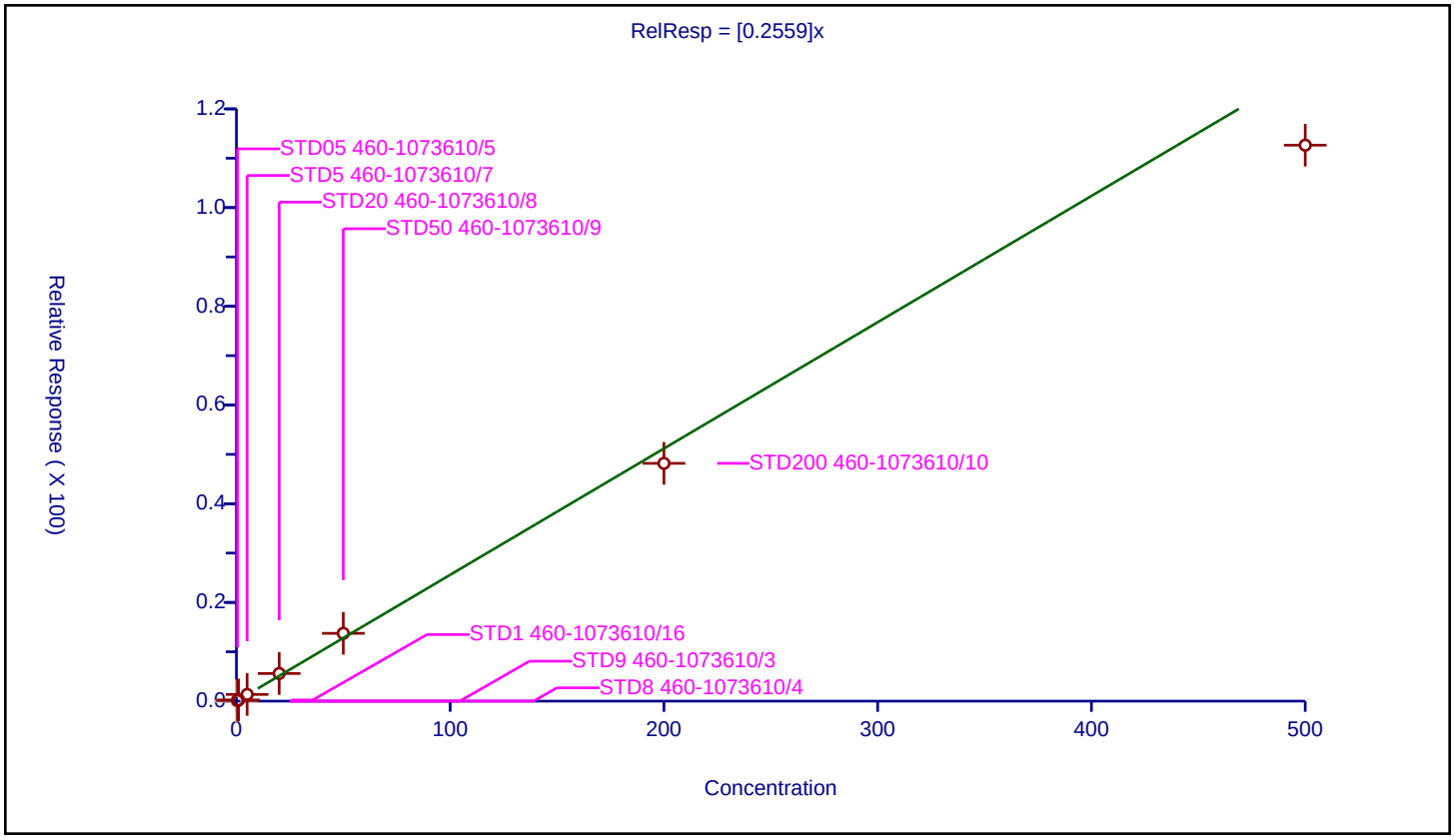
Curve Coefficients

Intercept:	0
Slope:	0.2559

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.129892	50.0	596265.0	0.259784	Y
4	STD1 460-1073610/16	1.0	0.239032	50.0	593436.0	0.239032	Y
5	STD5 460-1073610/7	5.0	1.358357	50.0	619535.0	0.271671	Y
6	STD20 460-1073610/8	20.0	5.598328	50.0	628777.0	0.279916	Y
7	STD50 460-1073610/9	50.0	13.735411	50.0	624681.0	0.274708	Y
8	STD200 460-1073610/10	200.0	48.184264	50.0	611350.0	0.240921	Y
9	STD500 460-1073610/11	500.0	112.649588	50.0	609091.0	0.225299	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

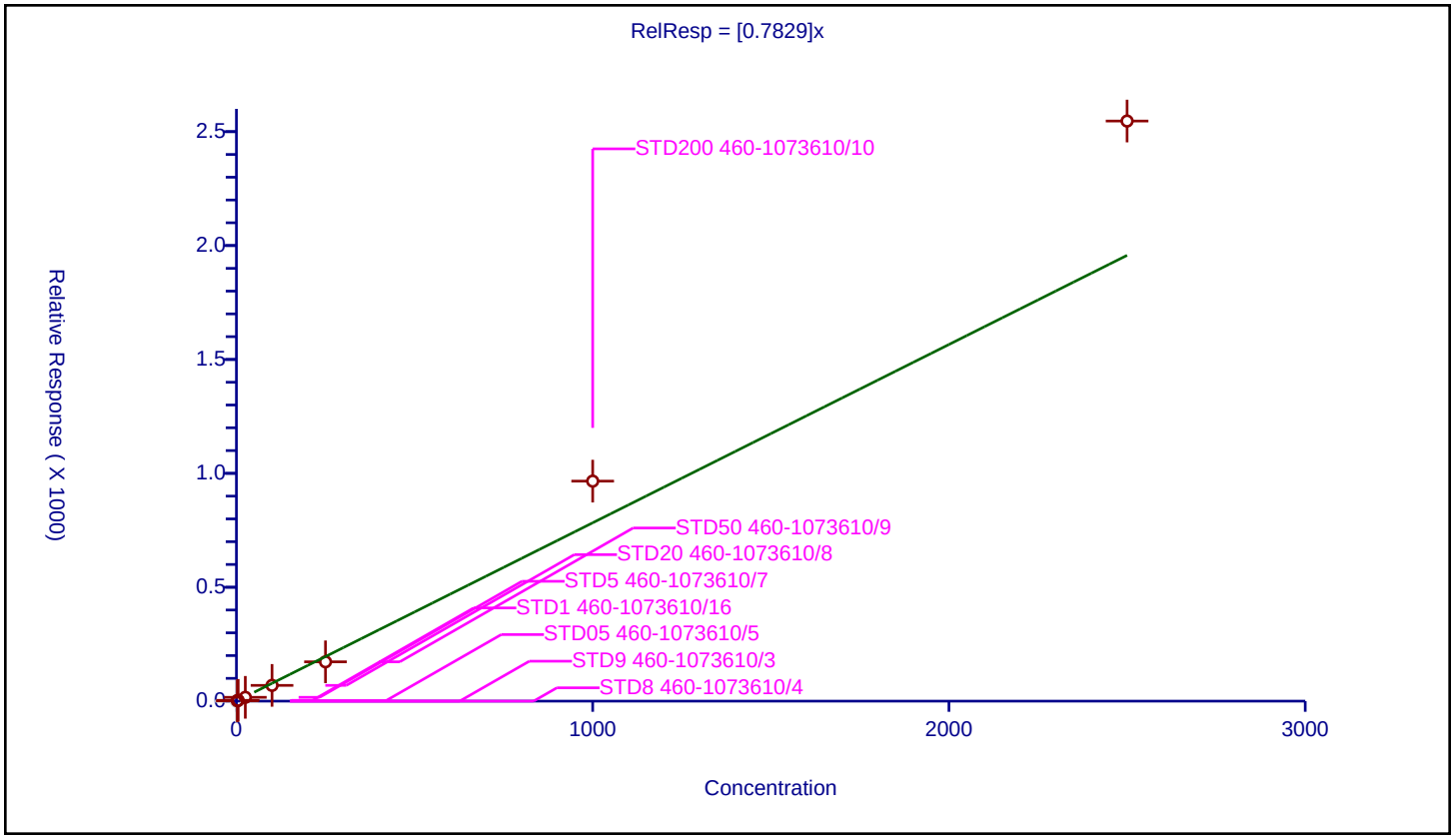
Curve Coefficients

Intercept:	0
Slope:	0.7829

Error Coefficients

Relative Standard Deviation:	18.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	250.0	262117.0	NaN	N
2	STD9 460-1073610/3	1.0	0.0	250.0	252276.0	0.0	N
3	STD05 460-1073610/5	2.5	1.854522	250.0	268398.0	0.741809	Y
4	STD1 460-1073610/16	5.0	3.496412	250.0	286937.0	0.699282	Y
5	STD5 460-1073610/7	25.0	16.816057	250.0	272552.0	0.672642	Y
6	STD20 460-1073610/8	100.0	69.134286	250.0	271591.0	0.691343	Y
7	STD50 460-1073610/9	250.0	172.592482	250.0	267080.0	0.69037	Y
8	STD200 460-1073610/10	1000.0	965.862613	250.0	255497.0	0.965863	Y
9	STD500 460-1073610/11	2500.0	2546.668234	250.0	253004.0	1.018667	Y



Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

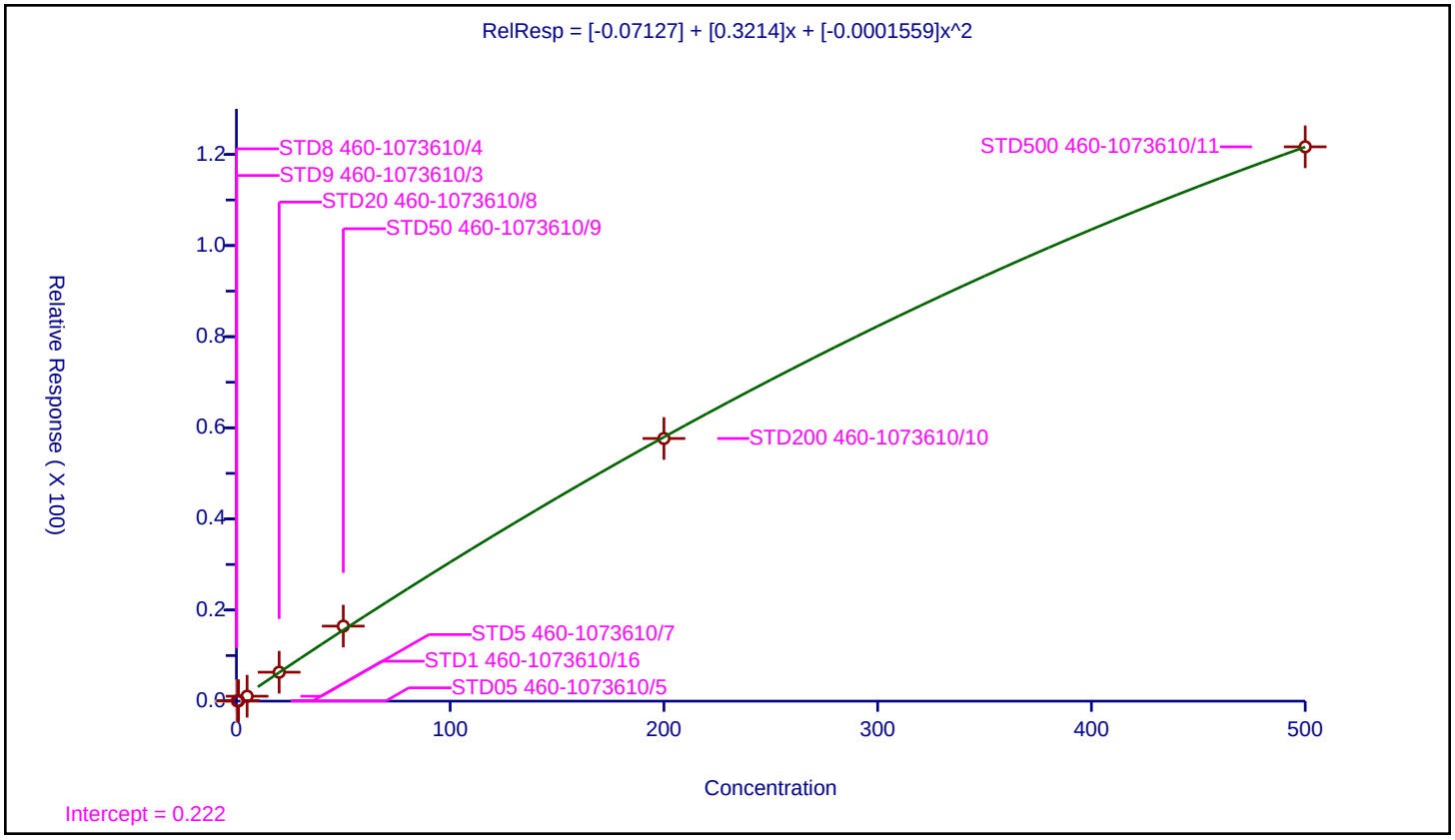
Curve Coefficients

Intercept:	-0.07127
Slope:	0.3214
Second Order:	-0.0001559

Error Coefficients

Relative Standard Deviation:	31.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.060795	50.0	596265.0	0.12159	Y
4	STD1 460-1073610/16	1.0	0.079116	50.0	593436.0	0.079116	Y
5	STD5 460-1073610/7	5.0	1.084846	50.0	619535.0	0.216969	Y
6	STD20 460-1073610/8	20.0	6.351775	50.0	628777.0	0.317589	Y
7	STD50 460-1073610/9	50.0	16.464724	50.0	624681.0	0.329294	Y
8	STD200 460-1073610/10	200.0	57.653226	50.0	611350.0	0.288266	Y
9	STD500 460-1073610/11	500.0	121.67287	50.0	609091.0	0.243346	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

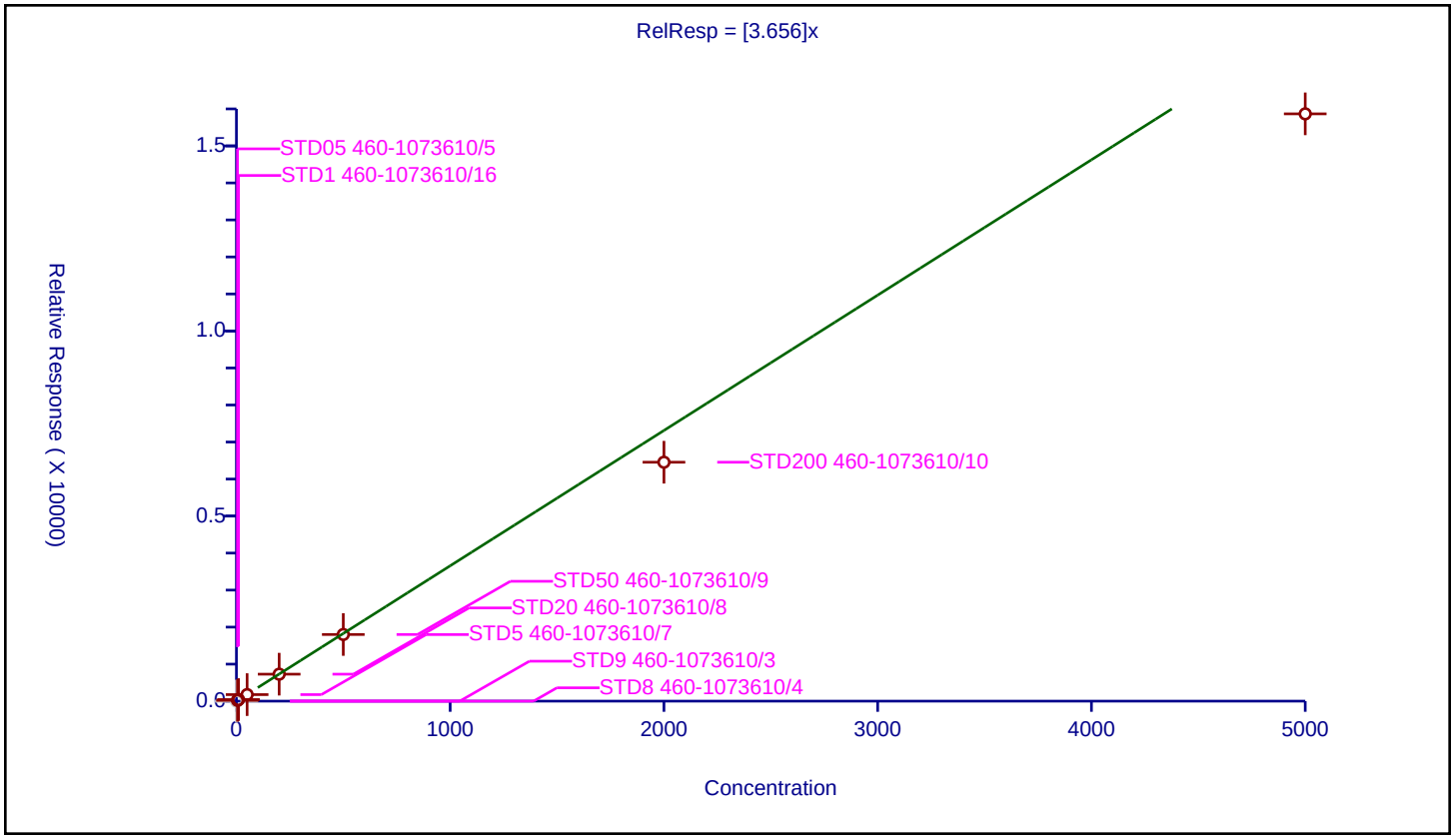
Curve Coefficients

Intercept:	0
Slope:	3.656

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	1000.0	36629.0	NaN	N
2	STD9 460-1073610/3	2.0	0.0	1000.0	34298.0	0.0	N
3	STD05 460-1073610/5	5.0	21.106484	1000.0	38898.0	4.221297	Y
4	STD1 460-1073610/16	10.0	41.927006	1000.0	40332.0	4.192701	Y
5	STD5 460-1073610/7	50.0	176.707359	1000.0	37763.0	3.534147	Y
6	STD20 460-1073610/8	200.0	728.606939	1000.0	37816.0	3.643035	Y
7	STD50 460-1073610/9	500.0	1800.628686	1000.0	35948.0	3.601257	Y
8	STD200 460-1073610/10	2000.0	6454.845256	1000.0	35478.0	3.227423	Y
9	STD500 460-1073610/11	5000.0	15866.376161	1000.0	38324.0	3.173275	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

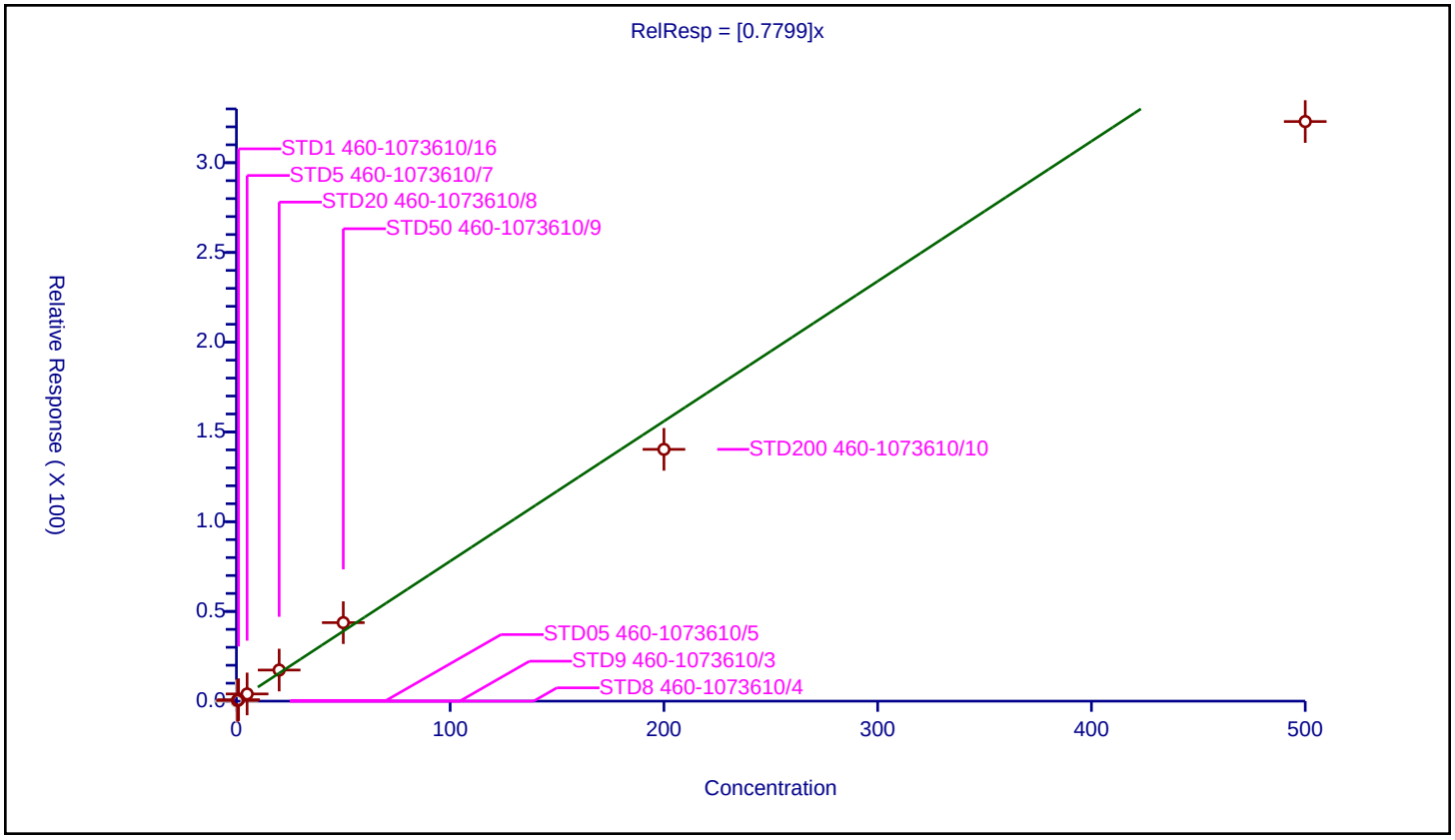
Curve Coefficients

Intercept:	0
Slope:	0.7799

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.384225	50.0	596265.0	0.76845	Y
4	STD1 460-1073610/16	1.0	0.800255	50.0	593436.0	0.800255	Y
5	STD5 460-1073610/7	5.0	4.009943	50.0	619535.0	0.801989	Y
6	STD20 460-1073610/8	20.0	17.328958	50.0	628777.0	0.866448	Y
7	STD50 460-1073610/9	50.0	43.743447	50.0	624681.0	0.874869	Y
8	STD200 460-1073610/10	200.0	140.291159	50.0	611350.0	0.701456	Y
9	STD500 460-1073610/11	500.0	322.955765	50.0	609091.0	0.645912	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

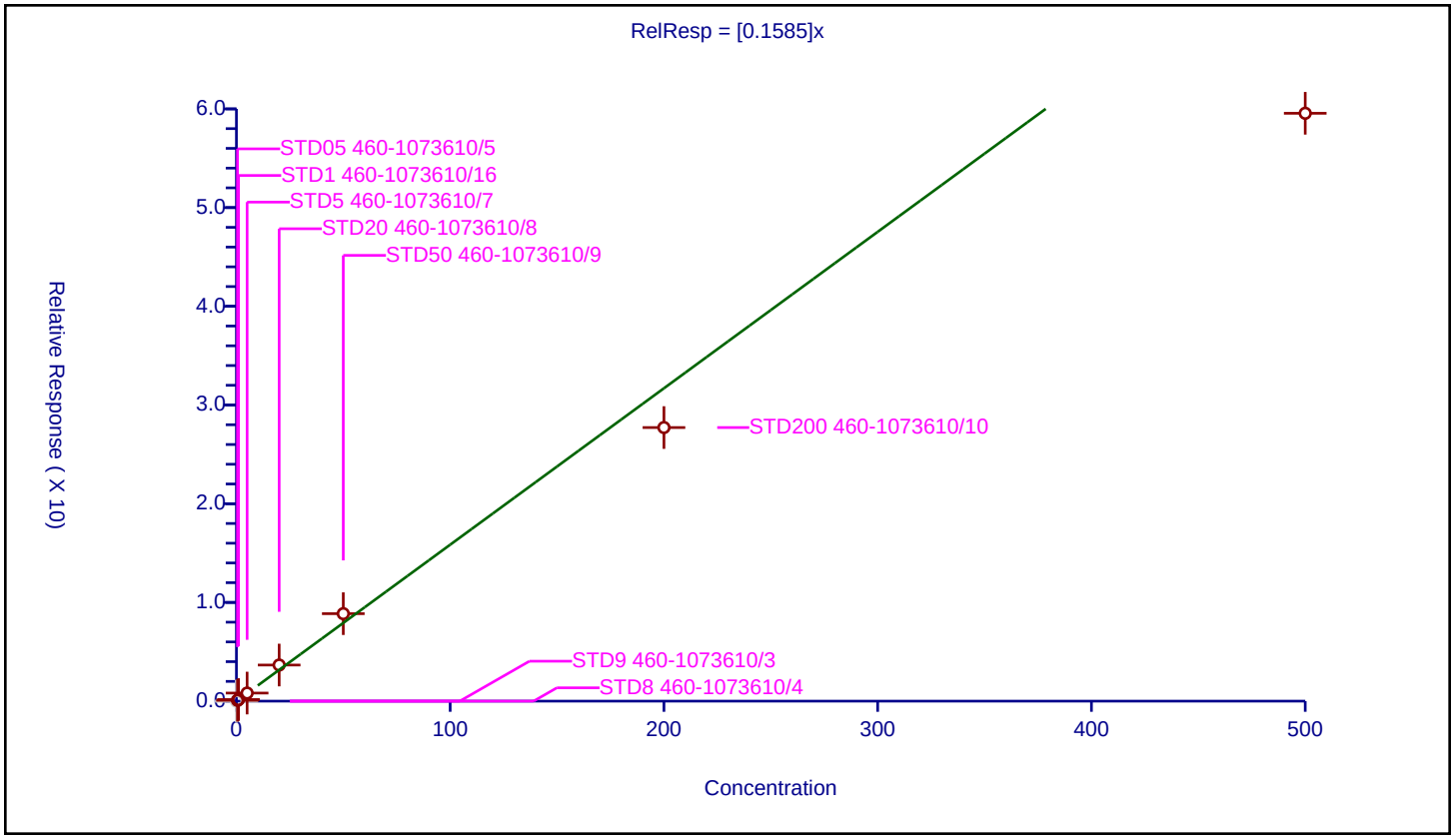
Curve Coefficients

Intercept:	0
Slope:	0.1585

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.083688	50.0	596265.0	0.167375	Y
4	STD1 460-1073610/16	1.0	0.160169	50.0	593436.0	0.160169	Y
5	STD5 460-1073610/7	5.0	0.81997	50.0	619535.0	0.163994	Y
6	STD20 460-1073610/8	20.0	3.657258	50.0	628777.0	0.182863	Y
7	STD50 460-1073610/9	50.0	8.861883	50.0	624681.0	0.177238	Y
8	STD200 460-1073610/10	200.0	27.718983	50.0	611350.0	0.138595	Y
9	STD500 460-1073610/11	500.0	59.555387	50.0	609091.0	0.119111	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

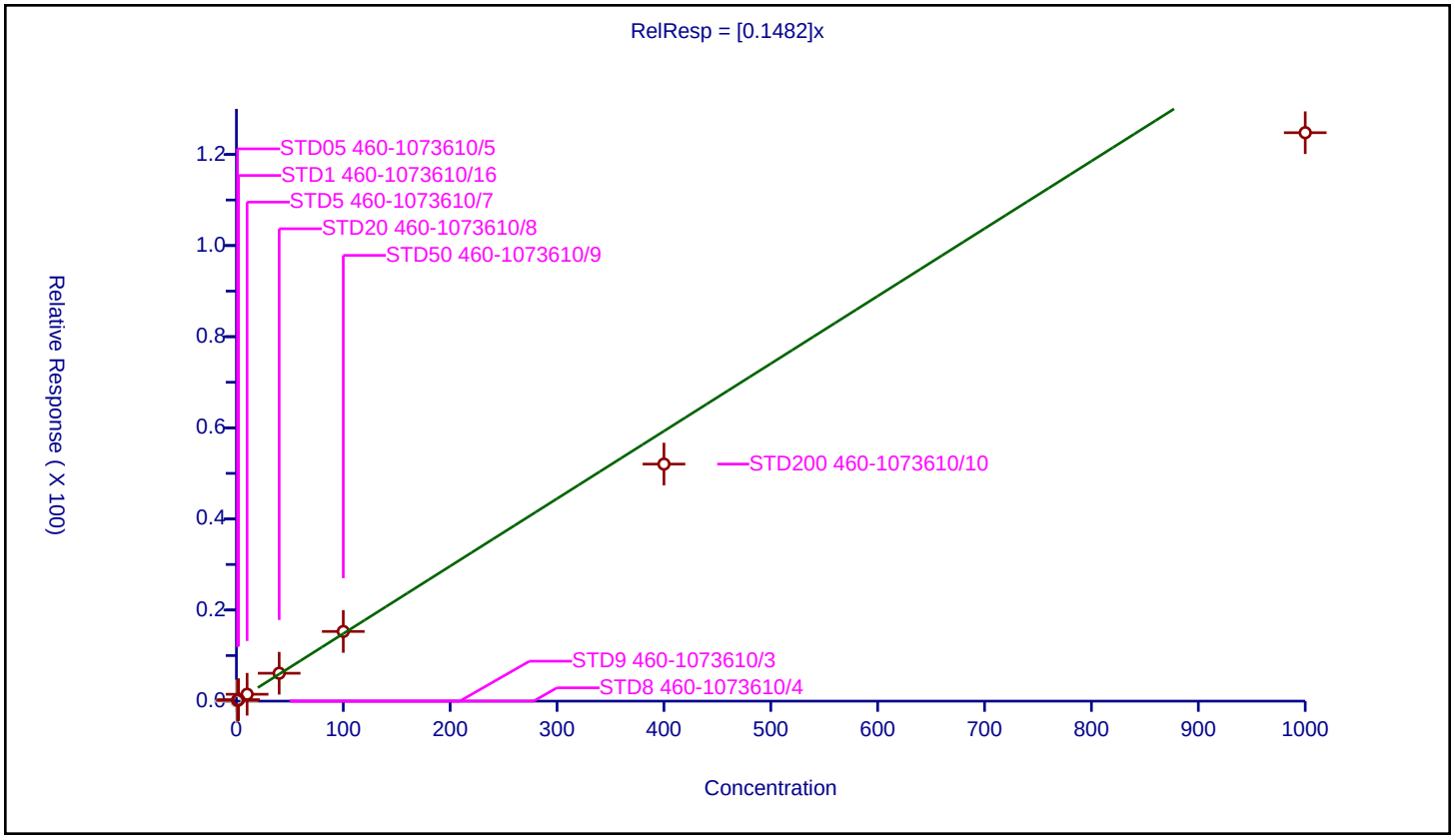
Curve Coefficients

Intercept:	0
Slope:	0.1482

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.4	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	1.0	0.161505	50.0	596265.0	0.161505	Y
4	STD1 460-1073610/16	2.0	0.327162	50.0	593436.0	0.163581	Y
5	STD5 460-1073610/7	10.0	1.512021	50.0	619535.0	0.151202	Y
6	STD20 460-1073610/8	40.0	6.125065	50.0	628777.0	0.153127	Y
7	STD50 460-1073610/9	100.0	15.297088	50.0	624681.0	0.152971	Y
8	STD200 460-1073610/10	400.0	52.035168	50.0	611350.0	0.130088	Y
9	STD500 460-1073610/11	1000.0	124.774459	50.0	609091.0	0.124774	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

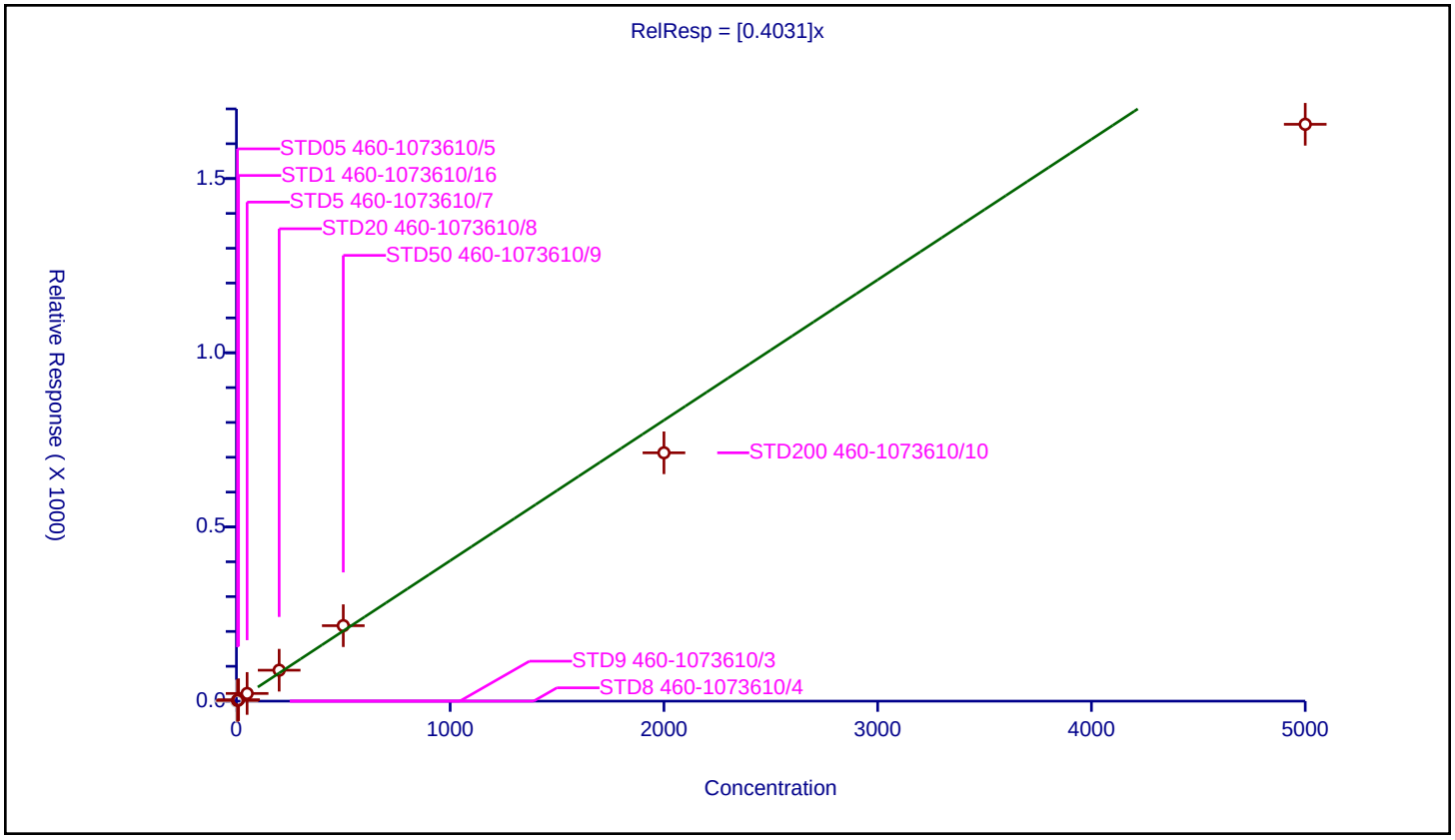
Curve Coefficients

Intercept:	0
Slope:	0.4031

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	250.0	262117.0	NaN	N
2	STD9 460-1073610/3	2.0	0.0	250.0	252276.0	0.0	N
3	STD05 460-1073610/5	5.0	2.054784	250.0	268398.0	0.410957	Y
4	STD1 460-1073610/16	10.0	4.050541	250.0	286937.0	0.405054	Y
5	STD5 460-1073610/7	50.0	22.049003	250.0	272552.0	0.44098	Y
6	STD20 460-1073610/8	200.0	88.829343	250.0	271591.0	0.444147	Y
7	STD50 460-1073610/9	500.0	216.65793	250.0	267080.0	0.433316	Y
8	STD200 460-1073610/10	2000.0	712.845943	250.0	255497.0	0.356423	Y
9	STD500 460-1073610/11	5000.0	1655.796944	250.0	253004.0	0.331159	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

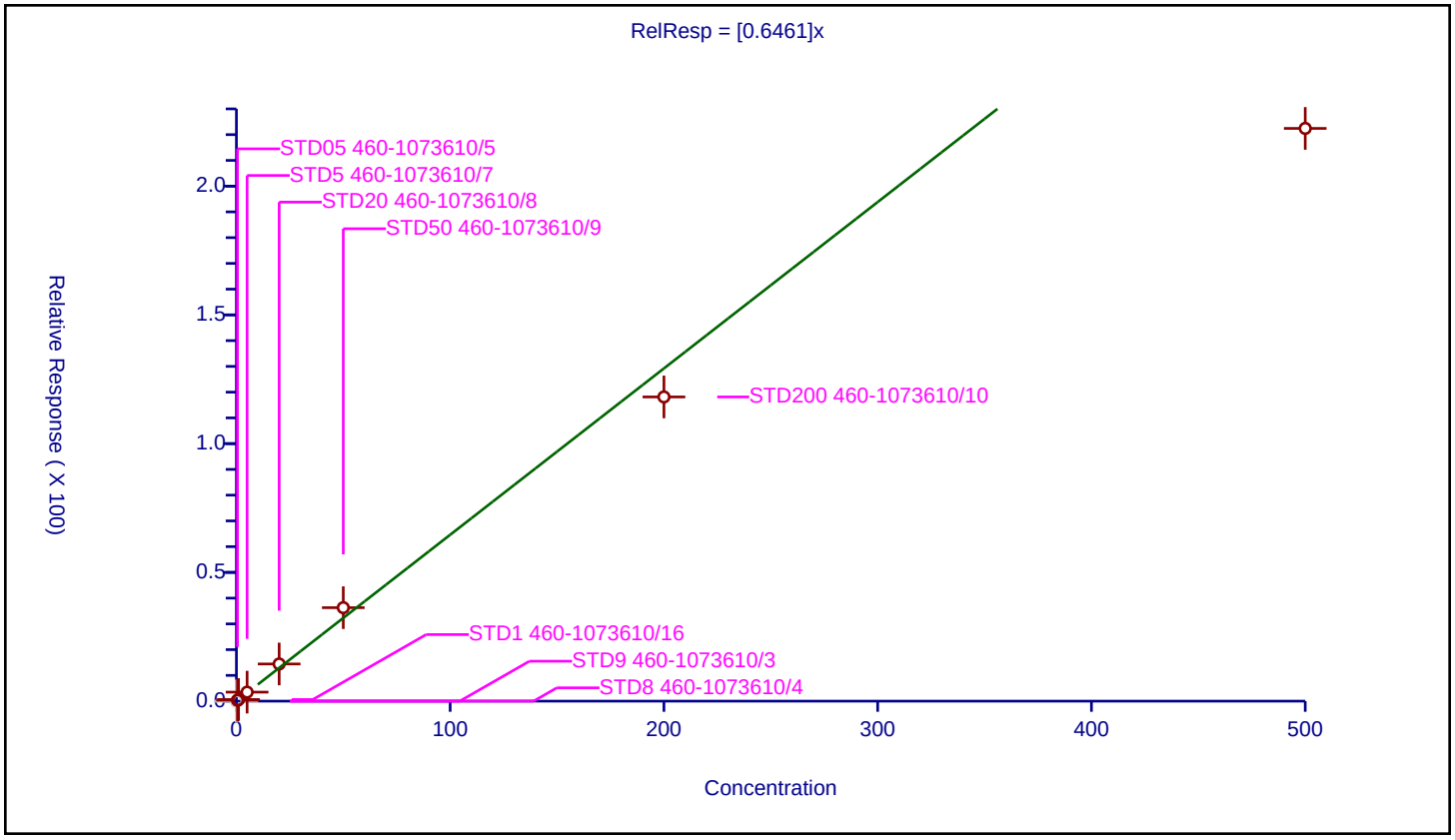
Curve Coefficients

Intercept:	0
Slope:	0.6461

Error Coefficients

Relative Standard Deviation:	16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.358398	50.0	596265.0	0.716795	Y
4	STD1 460-1073610/16	1.0	0.622645	50.0	593436.0	0.622645	Y
5	STD5 460-1073610/7	5.0	3.500367	50.0	619535.0	0.700073	Y
6	STD20 460-1073610/8	20.0	14.429599	50.0	628777.0	0.72148	Y
7	STD50 460-1073610/9	50.0	36.296206	50.0	624681.0	0.725924	Y
8	STD200 460-1073610/10	200.0	118.140345	50.0	611350.0	0.590702	Y
9	STD500 460-1073610/11	500.0	222.416437	50.0	609091.0	0.444833	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

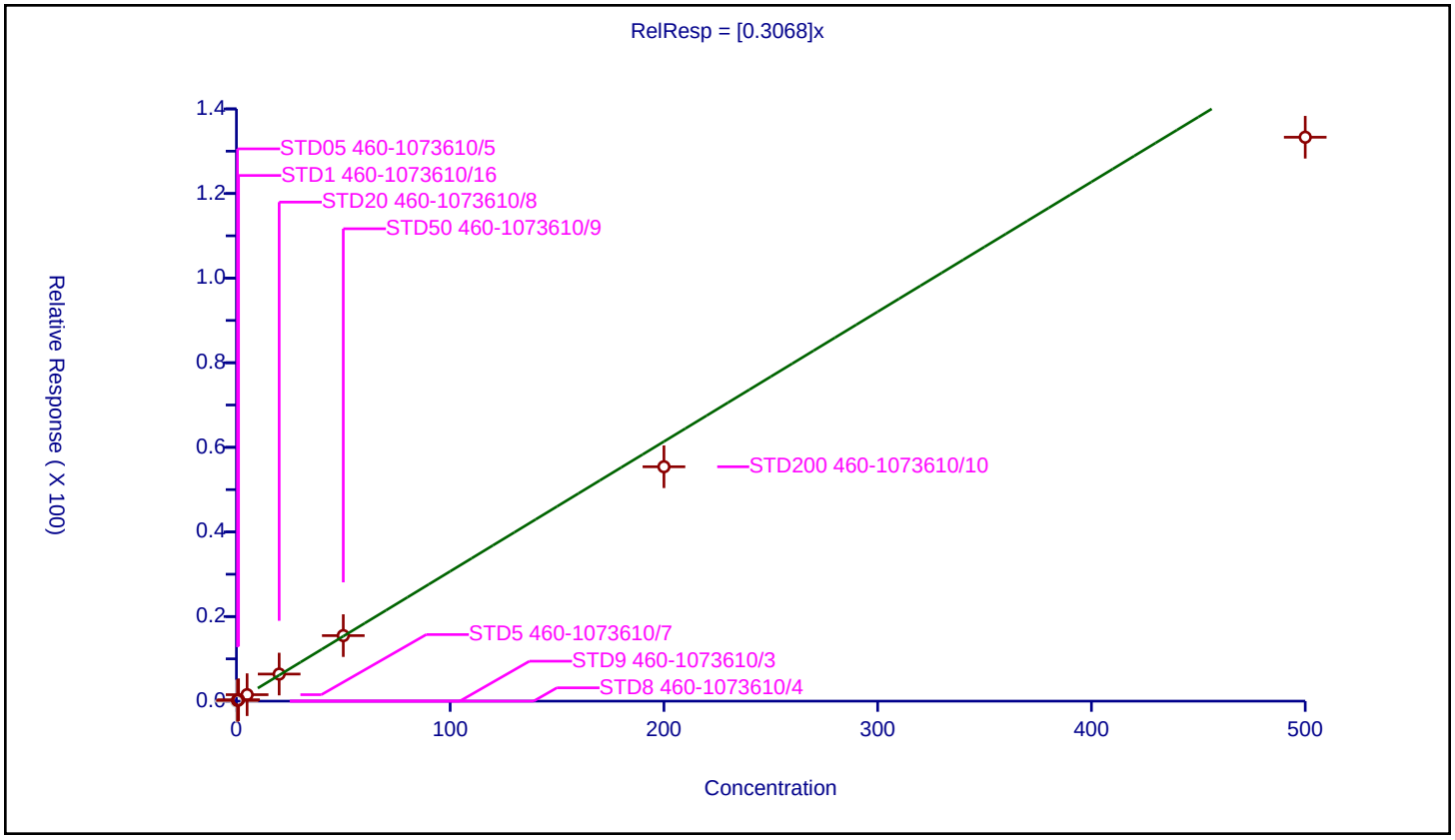
Curve Coefficients

Intercept:	0
Slope:	0.3068

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.171065	50.0	596265.0	0.34213	Y
4	STD1 460-1073610/16	1.0	0.326573	50.0	593436.0	0.326573	Y
5	STD5 460-1073610/7	5.0	1.528646	50.0	619535.0	0.305729	Y
6	STD20 460-1073610/8	20.0	6.399646	50.0	628777.0	0.319982	Y
7	STD50 460-1073610/9	50.0	15.490546	50.0	624681.0	0.309811	Y
8	STD200 460-1073610/10	200.0	55.408767	50.0	611350.0	0.277044	Y
9	STD500 460-1073610/11	500.0	133.304137	50.0	609091.0	0.266608	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

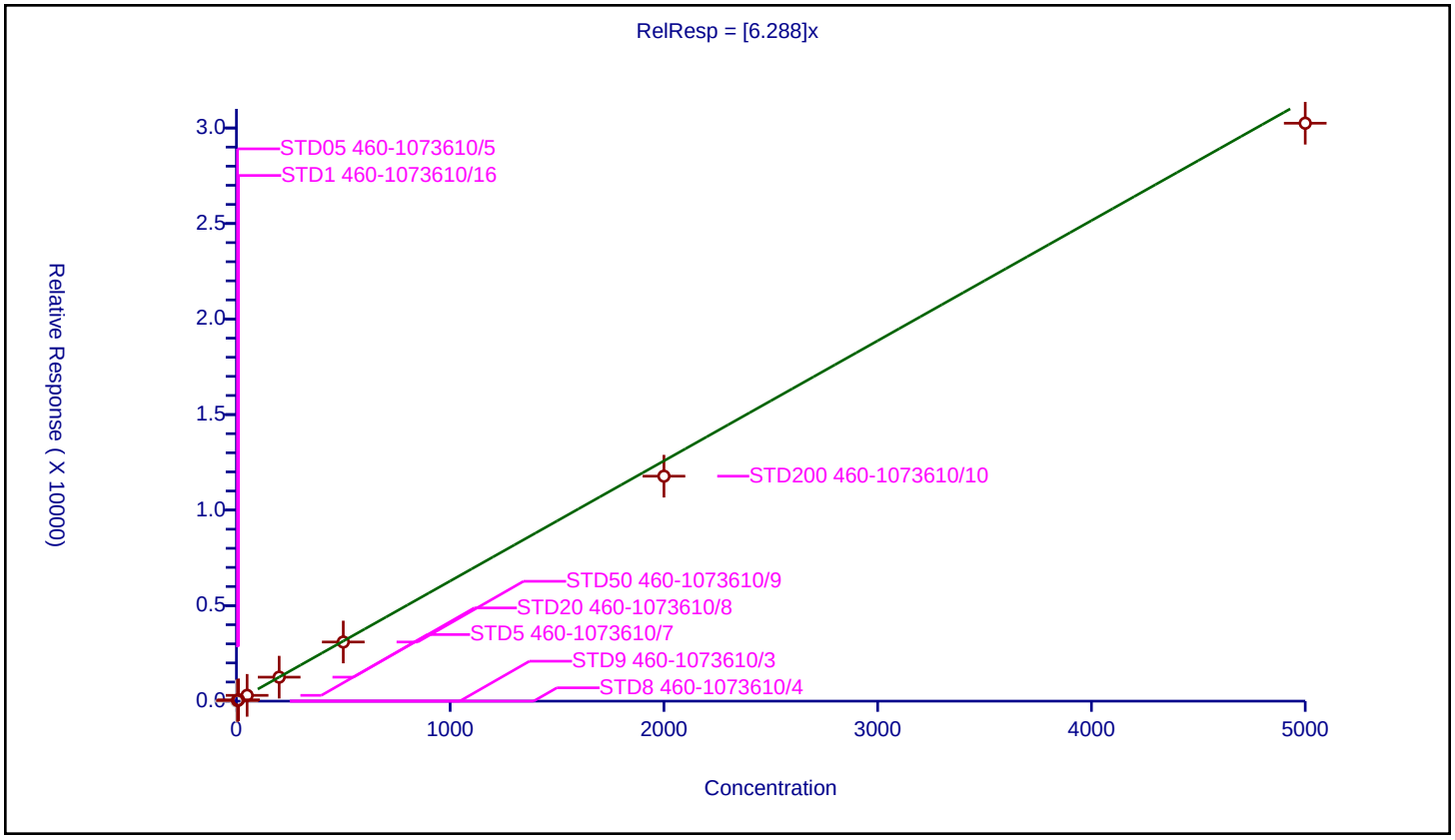
Curve Coefficients

Intercept:	0
Slope:	6.288

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	1000.0	36629.0	NaN	N
2	STD9 460-1073610/3	2.0	0.0	1000.0	34298.0	0.0	N
3	STD05 460-1073610/5	5.0	33.420741	1000.0	38898.0	6.684148	Y
4	STD1 460-1073610/16	10.0	68.729545	1000.0	40332.0	6.872954	Y
5	STD5 460-1073610/7	50.0	302.915552	1000.0	37763.0	6.058311	Y
6	STD20 460-1073610/8	200.0	1254.812778	1000.0	37816.0	6.274064	Y
7	STD50 460-1073610/9	500.0	3095.4156	1000.0	35948.0	6.190831	Y
8	STD200 460-1073610/10	2000.0	11775.91747	1000.0	35478.0	5.887959	Y
9	STD500 460-1073610/11	5000.0	30249.582507	1000.0	38324.0	6.049917	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

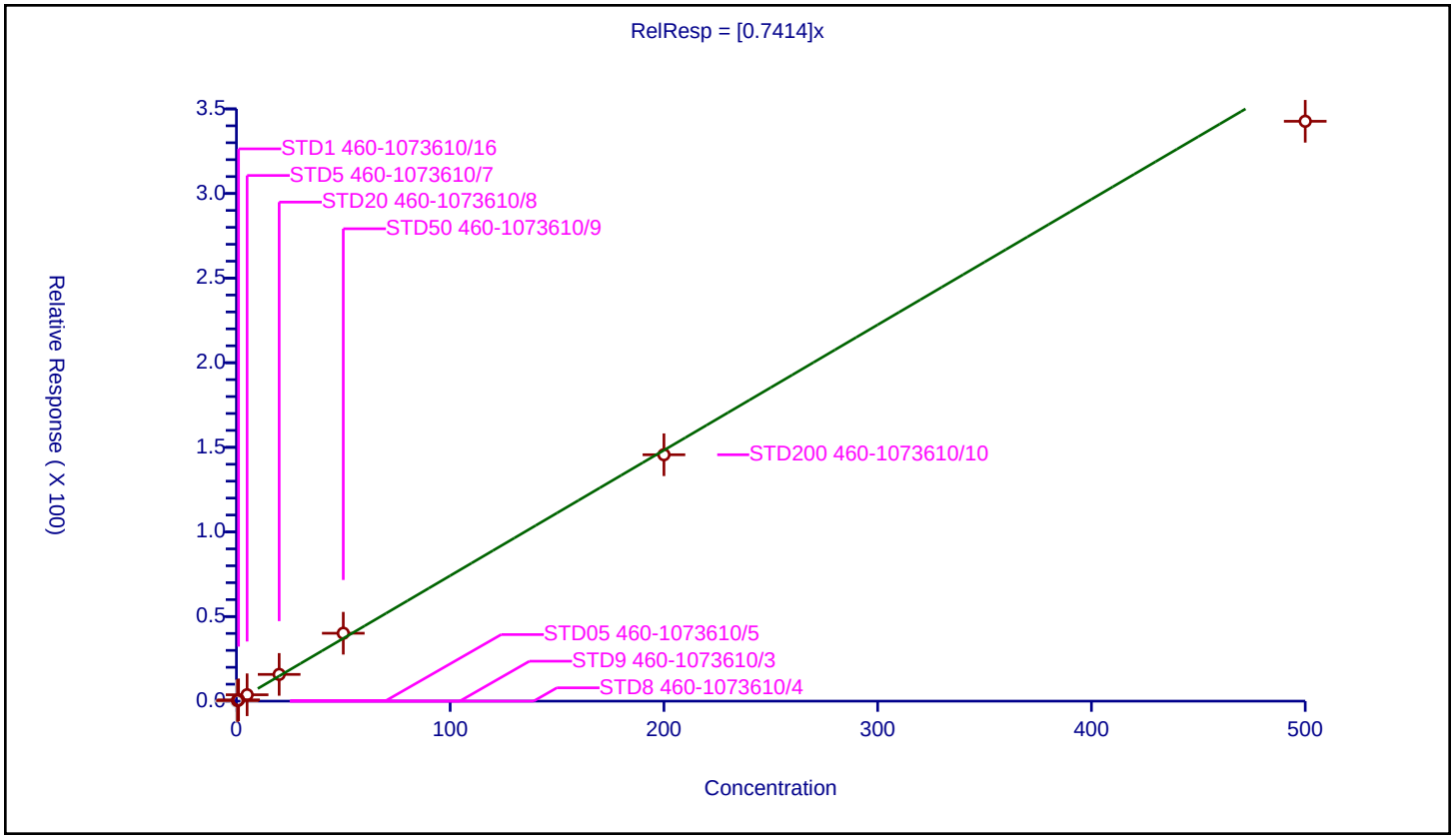
Curve Coefficients

Intercept:	0
Slope:	0.7414

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.343555	50.0	596265.0	0.687111	Y
4	STD1 460-1073610/16	1.0	0.744394	50.0	593436.0	0.744394	Y
5	STD5 460-1073610/7	5.0	3.762419	50.0	619535.0	0.752484	Y
6	STD20 460-1073610/8	20.0	15.798367	50.0	628777.0	0.789918	Y
7	STD50 460-1073610/9	50.0	40.123759	50.0	624681.0	0.802475	Y
8	STD200 460-1073610/10	200.0	145.621003	50.0	611350.0	0.728105	Y
9	STD500 460-1073610/11	500.0	342.681061	50.0	609091.0	0.685362	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

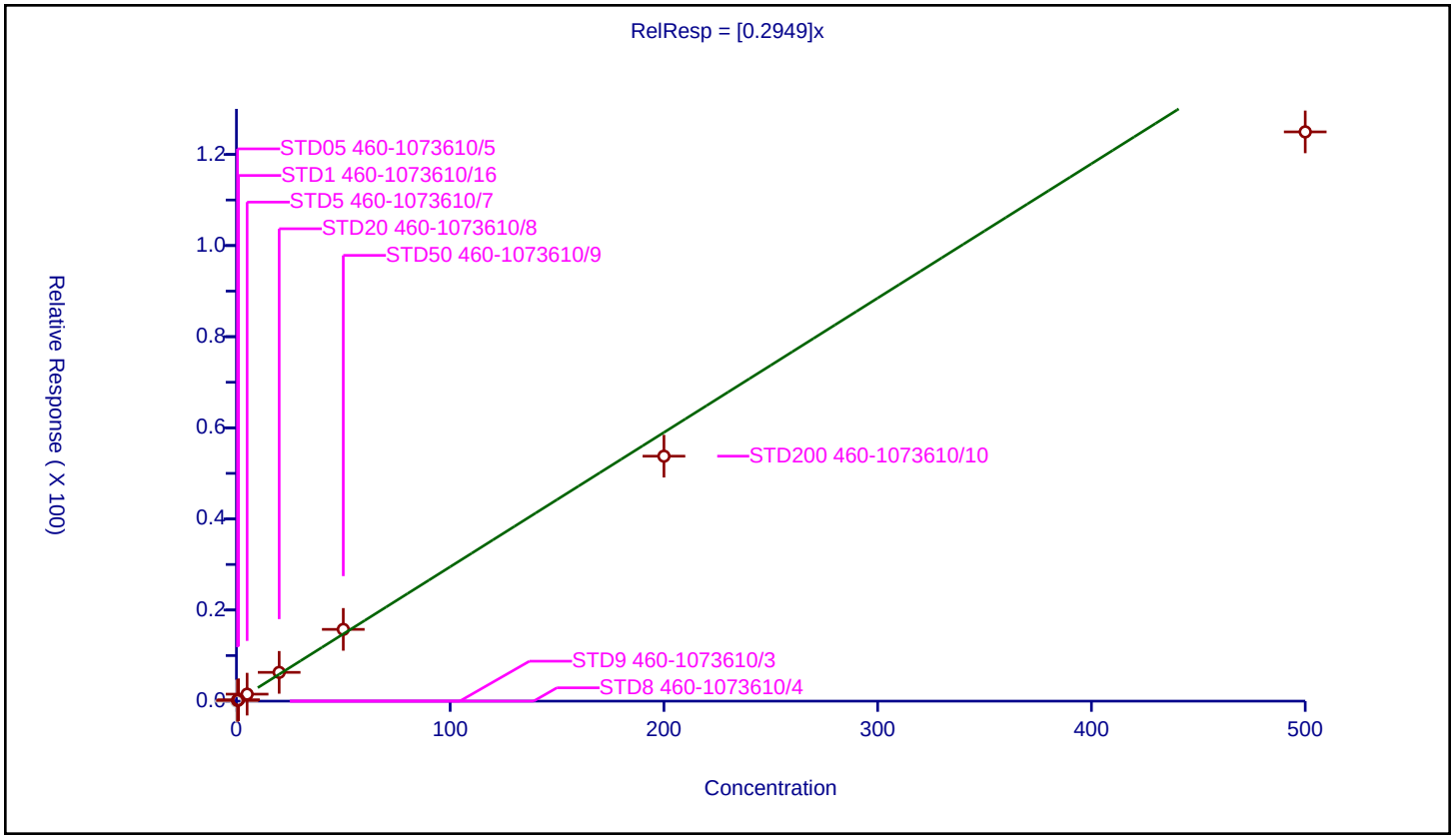
Curve Coefficients

Intercept:	0
Slope:	0.2949

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.154545	50.0	596265.0	0.309091	Y
4	STD1 460-1073610/16	1.0	0.299021	50.0	593436.0	0.299021	Y
5	STD5 460-1073610/7	5.0	1.533327	50.0	619535.0	0.306665	Y
6	STD20 460-1073610/8	20.0	6.31456	50.0	628777.0	0.315728	Y
7	STD50 460-1073610/9	50.0	15.75268	50.0	624681.0	0.315054	Y
8	STD200 460-1073610/10	200.0	53.773534	50.0	611350.0	0.268868	Y
9	STD500 460-1073610/11	500.0	124.95522	50.0	609091.0	0.24991	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

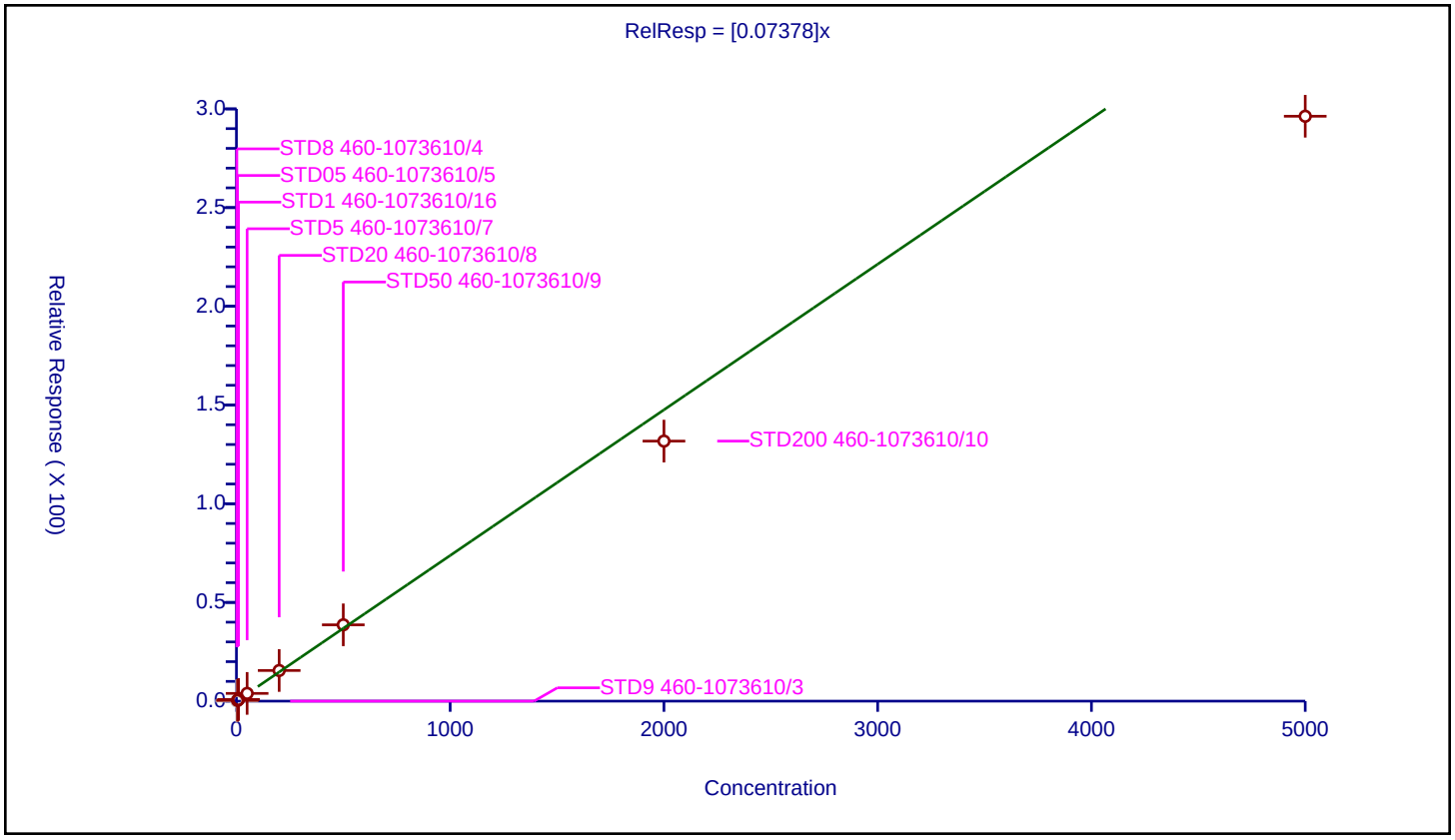
Curve Coefficients

Intercept:	0
Slope:	0.07378

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	2.0	0.0	50.0	599334.0	0.0	N
2	STD8 460-1073610/4	2.0	0.338529	50.0	601573.0	0.169265	N
3	STD05 460-1073610/5	5.0	0.373576	50.0	596265.0	0.074715	Y
4	STD1 460-1073610/16	10.0	0.832019	50.0	593436.0	0.083202	Y
5	STD5 460-1073610/7	50.0	3.924879	50.0	619535.0	0.078498	Y
6	STD20 460-1073610/8	200.0	15.519334	50.0	628777.0	0.077597	Y
7	STD50 460-1073610/9	500.0	38.663894	50.0	624681.0	0.077328	Y
8	STD200 460-1073610/10	2000.0	131.722581	50.0	611350.0	0.065861	Y
9	STD500 460-1073610/11	5000.0	296.269933	50.0	609091.0	0.059254	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

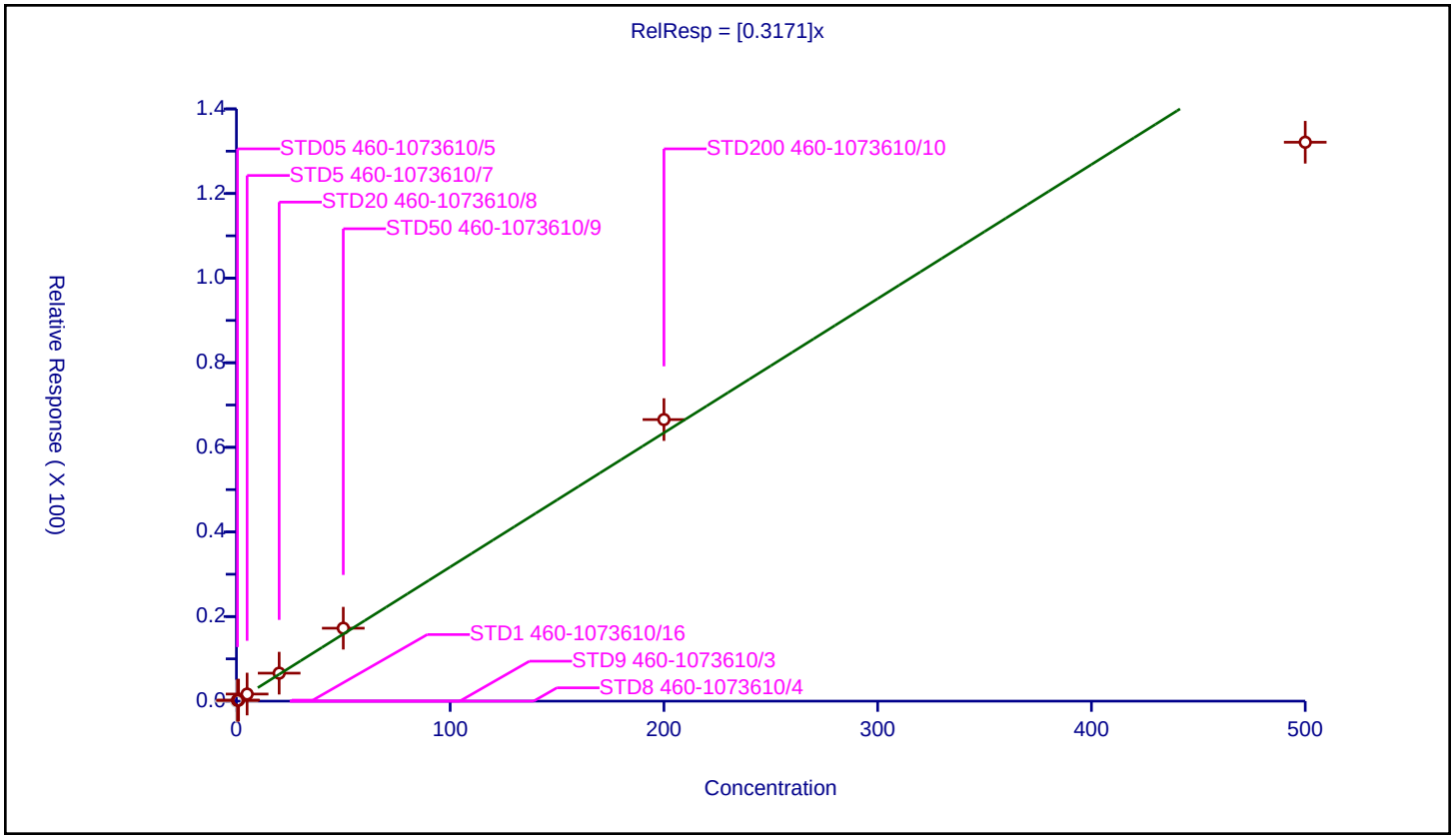
Curve Coefficients

Intercept:	0
Slope:	0.3171

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.189261	50.0	596265.0	0.378523	Y
4	STD1 460-1073610/16	1.0	0.233724	50.0	593436.0	0.233724	Y
5	STD5 460-1073610/7	5.0	1.676015	50.0	619535.0	0.335203	Y
6	STD20 460-1073610/8	20.0	6.613632	50.0	628777.0	0.330682	Y
7	STD50 460-1073610/9	50.0	17.240319	50.0	624681.0	0.344806	Y
8	STD200 460-1073610/10	200.0	66.556882	50.0	611350.0	0.332784	Y
9	STD500 460-1073610/11	500.0	132.115562	50.0	609091.0	0.264231	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

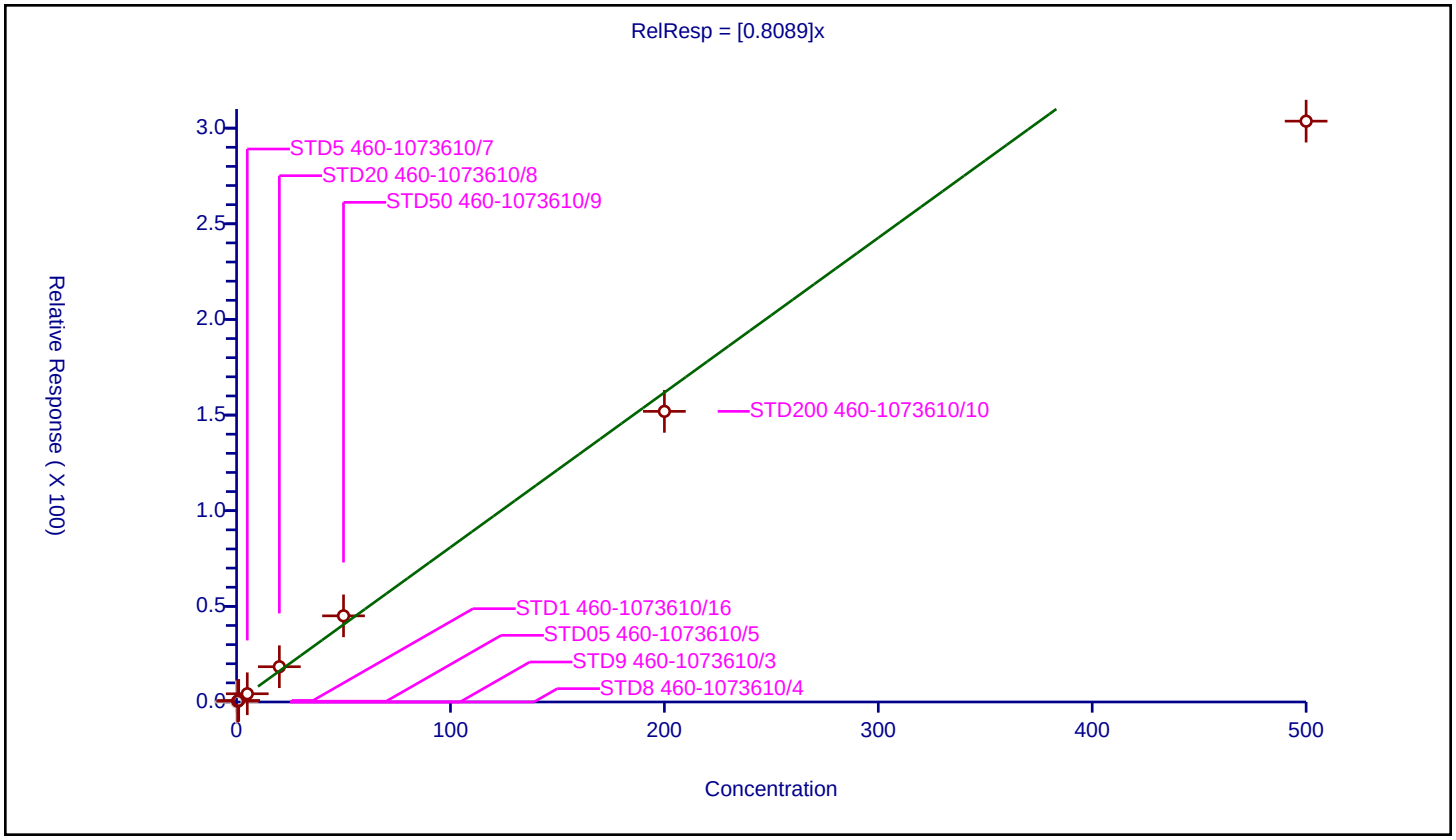
Curve Coefficients

Intercept:	0
Slope:	0.8089

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.404434	50.0	596265.0	0.808869	Y
4	STD1 460-1073610/16	1.0	0.804383	50.0	593436.0	0.804383	Y
5	STD5 460-1073610/7	5.0	4.299192	50.0	619535.0	0.859838	Y
6	STD20 460-1073610/8	20.0	18.431495	50.0	628777.0	0.921575	Y
7	STD50 460-1073610/9	50.0	45.032345	50.0	624681.0	0.900647	Y
8	STD200 460-1073610/10	200.0	151.93588	50.0	611350.0	0.759679	Y
9	STD500 460-1073610/11	500.0	303.660044	50.0	609091.0	0.60732	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

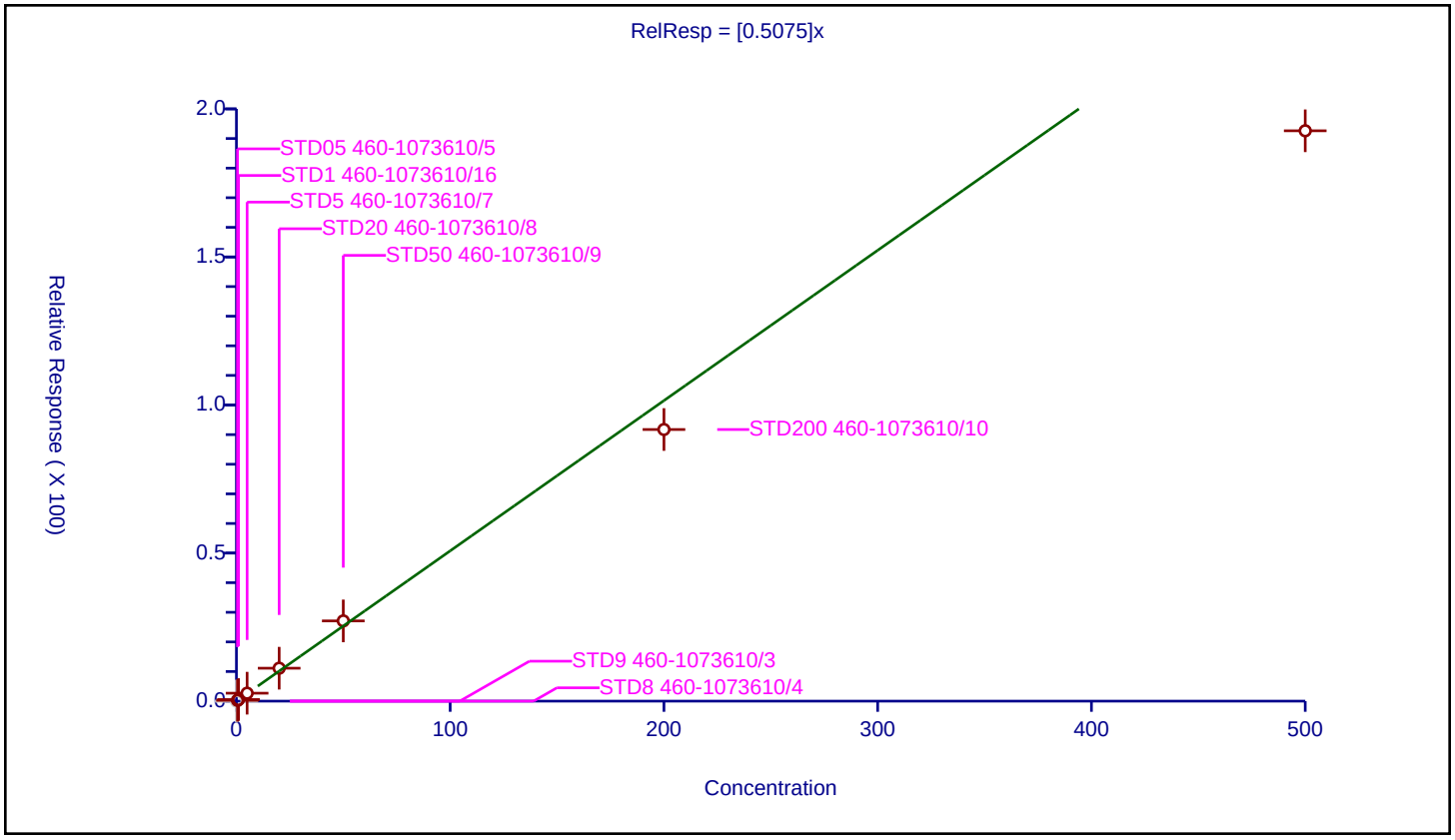
Curve Coefficients

Intercept:	0
Slope:	0.5075

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.270433	50.0	596265.0	0.540867	Y
4	STD1 460-1073610/16	1.0	0.533082	50.0	593436.0	0.533082	Y
5	STD5 460-1073610/7	5.0	2.681285	50.0	619535.0	0.536257	Y
6	STD20 460-1073610/8	20.0	11.125168	50.0	628777.0	0.556258	Y
7	STD50 460-1073610/9	50.0	27.09671	50.0	624681.0	0.541934	Y
8	STD200 460-1073610/10	200.0	91.725607	50.0	611350.0	0.458628	Y
9	STD500 460-1073610/11	500.0	192.60915	50.0	609091.0	0.385218	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

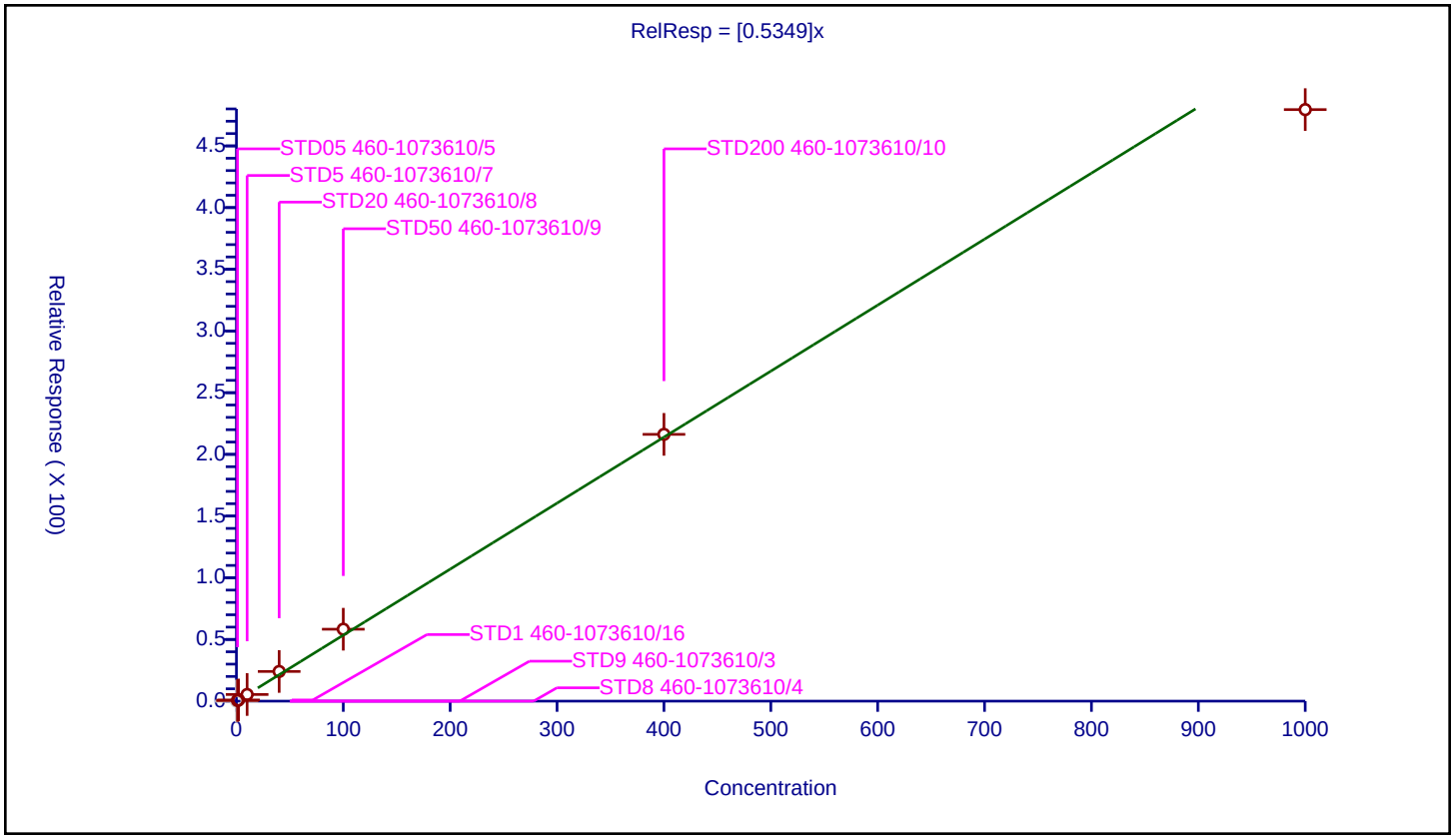
Curve Coefficients

Intercept:	0
Slope:	0.5349

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	250.0	262117.0	NaN	N
2	STD9 460-1073610/3	0.4	0.0	250.0	252276.0	0.0	N
3	STD05 460-1073610/5	1.0	0.535585	250.0	268398.0	0.535585	Y
4	STD1 460-1073610/16	2.0	0.93226	250.0	286937.0	0.46613	Y
5	STD5 460-1073610/7	10.0	5.380625	250.0	272552.0	0.538062	Y
6	STD20 460-1073610/8	40.0	24.062837	250.0	271591.0	0.601571	Y
7	STD50 460-1073610/9	100.0	58.302756	250.0	267080.0	0.583028	Y
8	STD200 460-1073610/10	400.0	216.20704	250.0	255497.0	0.540518	Y
9	STD500 460-1073610/11	1000.0	479.420286	250.0	253004.0	0.47942	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

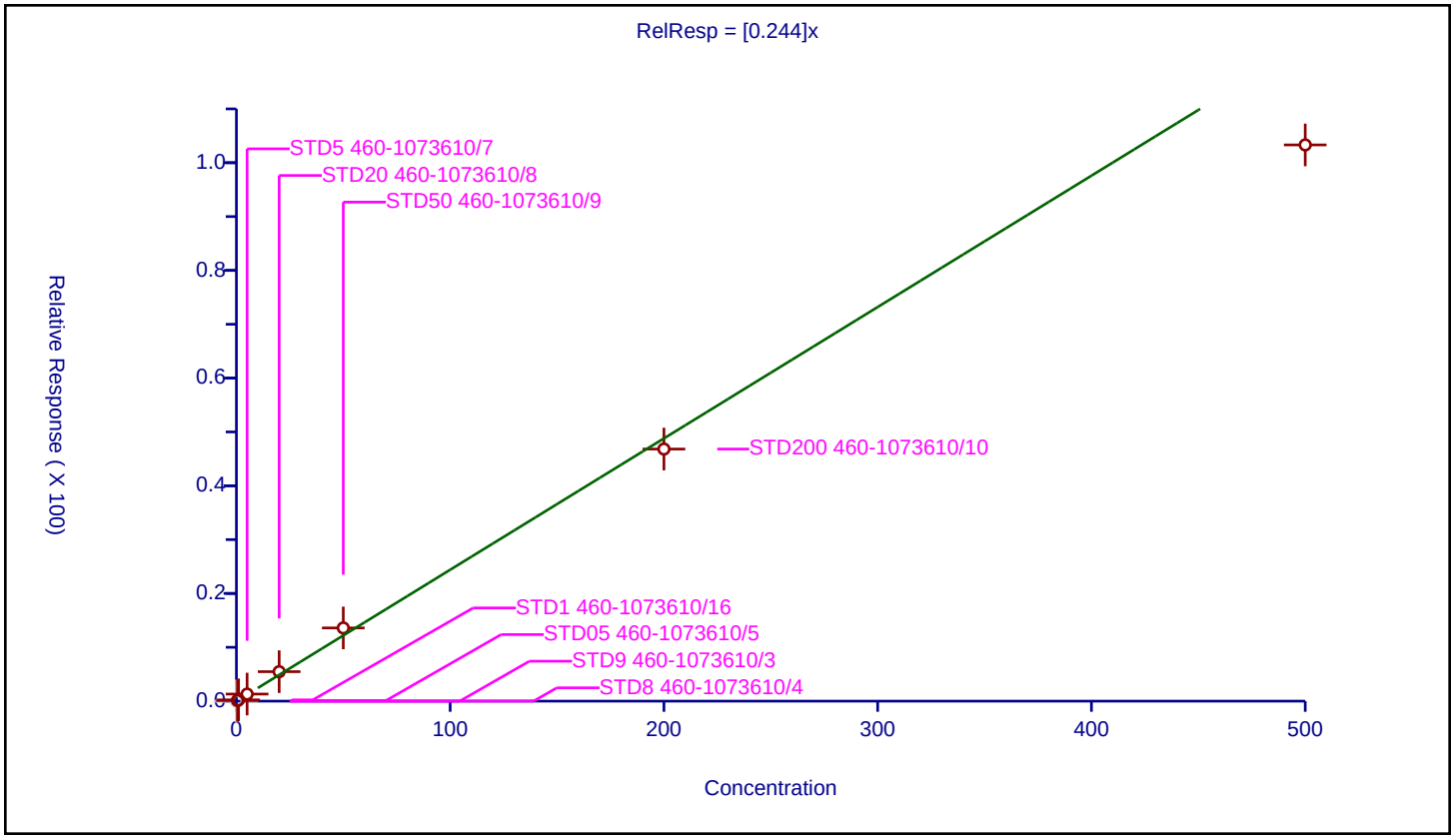
Curve Coefficients

Intercept:	0
Slope:	0.244

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.112702	50.0	596265.0	0.225403	Y
4	STD1 460-1073610/16	1.0	0.233471	50.0	593436.0	0.233471	Y
5	STD5 460-1073610/7	5.0	1.314211	50.0	619535.0	0.262842	Y
6	STD20 460-1073610/8	20.0	5.471415	50.0	628777.0	0.273571	Y
7	STD50 460-1073610/9	50.0	13.594539	50.0	624681.0	0.271891	Y
8	STD200 460-1073610/10	200.0	46.817944	50.0	611350.0	0.23409	Y
9	STD500 460-1073610/11	500.0	103.308783	50.0	609091.0	0.206618	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

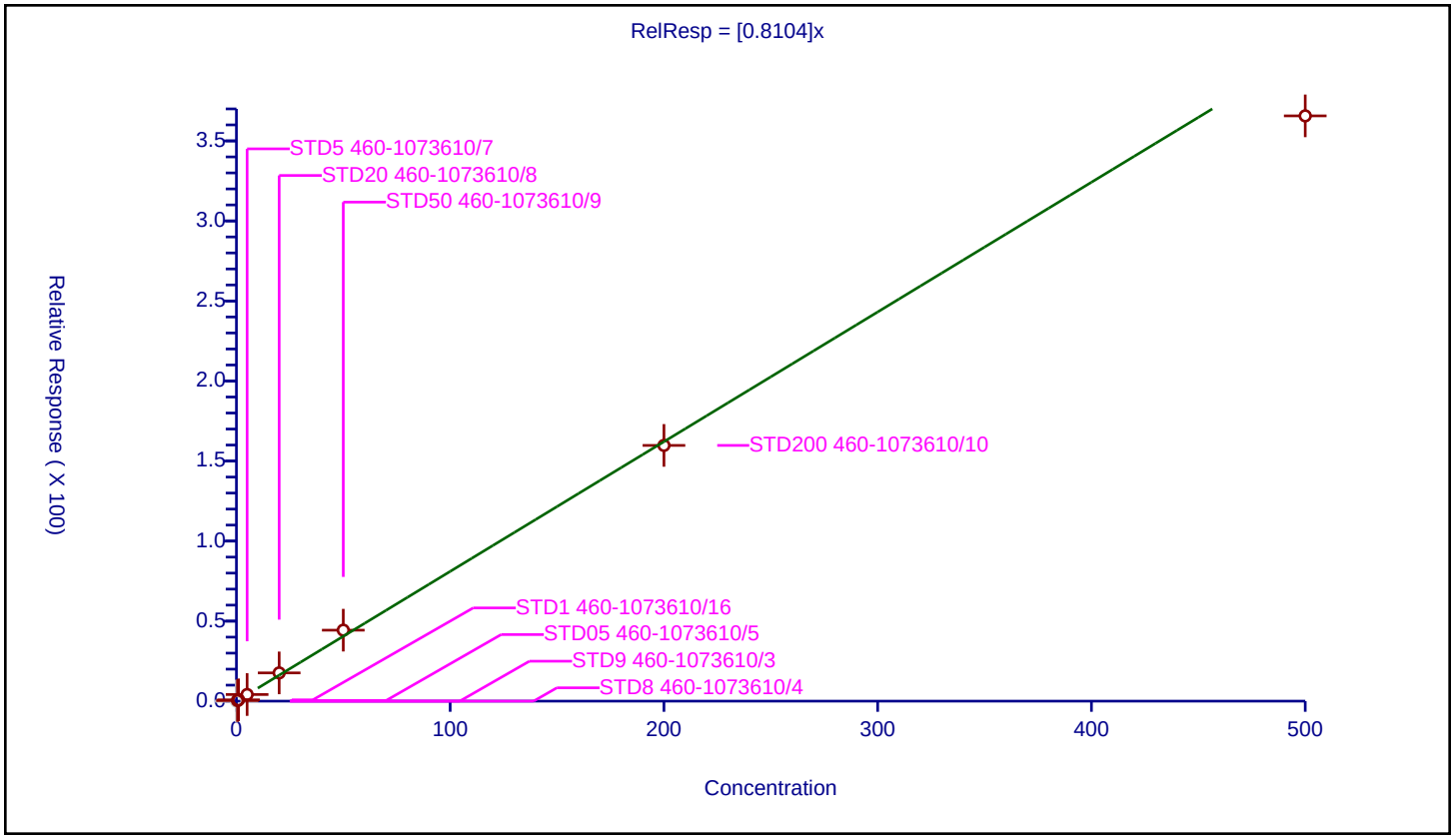
Curve Coefficients

Intercept:	0
Slope:	0.8104

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.373492	50.0	596265.0	0.746983	Y
4	STD1 460-1073610/16	1.0	0.801013	50.0	593436.0	0.801013	Y
5	STD5 460-1073610/7	5.0	4.131001	50.0	619535.0	0.8262	Y
6	STD20 460-1073610/8	20.0	17.641071	50.0	628777.0	0.882054	Y
7	STD50 460-1073610/9	50.0	44.338791	50.0	624681.0	0.886776	Y
8	STD200 460-1073610/10	200.0	159.756686	50.0	611350.0	0.798783	Y
9	STD500 460-1073610/11	500.0	365.638796	50.0	609091.0	0.731278	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

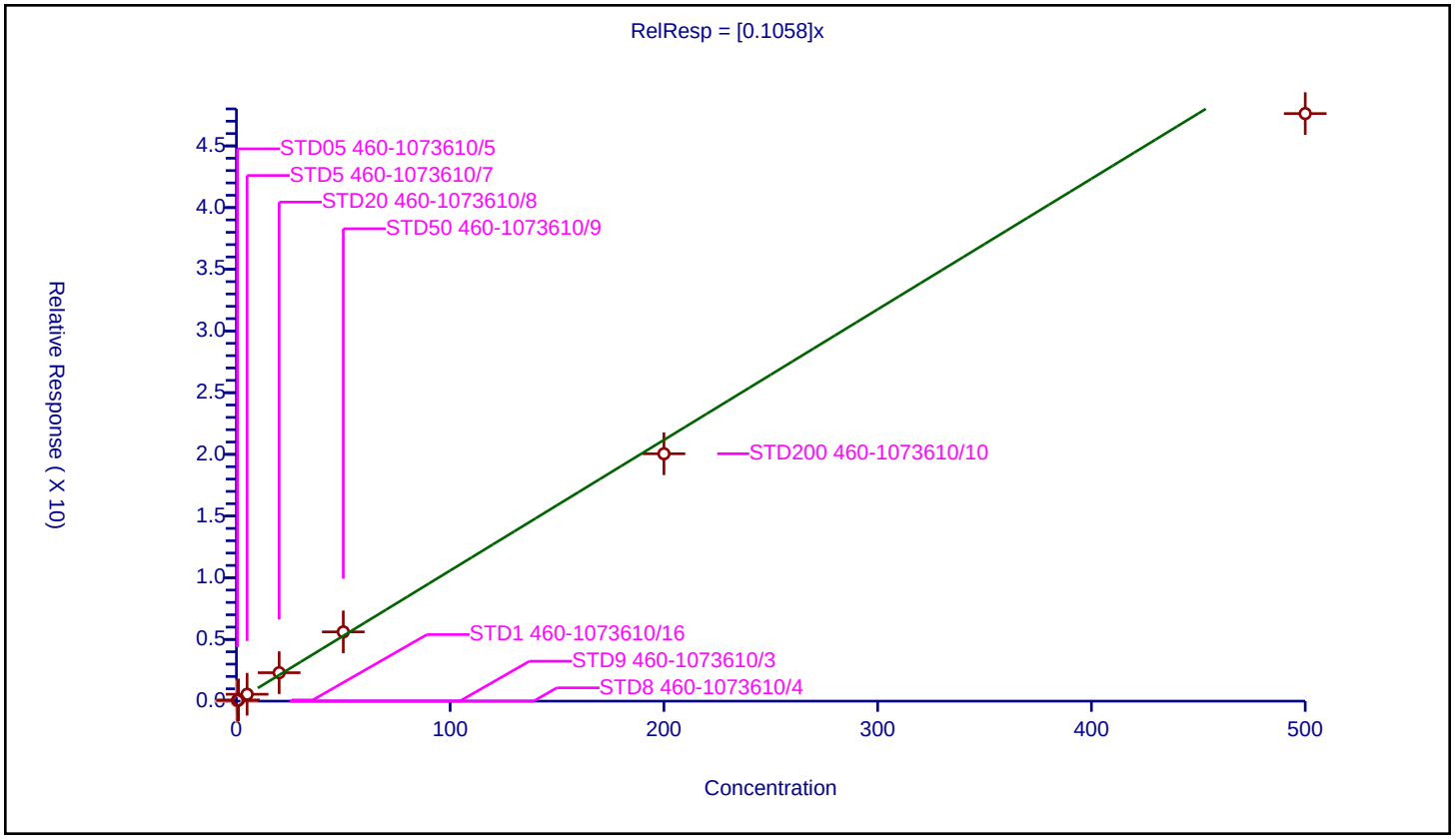
Curve Coefficients

Intercept:	0
Slope:	0.1058

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.055512	50.0	596265.0	0.111024	Y
4	STD1 460-1073610/16	1.0	0.095208	50.0	593436.0	0.095208	Y
5	STD5 460-1073610/7	5.0	0.558403	50.0	619535.0	0.111681	Y
6	STD20 460-1073610/8	20.0	2.304871	50.0	628777.0	0.115244	Y
7	STD50 460-1073610/9	50.0	5.614145	50.0	624681.0	0.112283	Y
8	STD200 460-1073610/10	200.0	20.049562	50.0	611350.0	0.100248	Y
9	STD500 460-1073610/11	500.0	47.62006	50.0	609091.0	0.09524	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

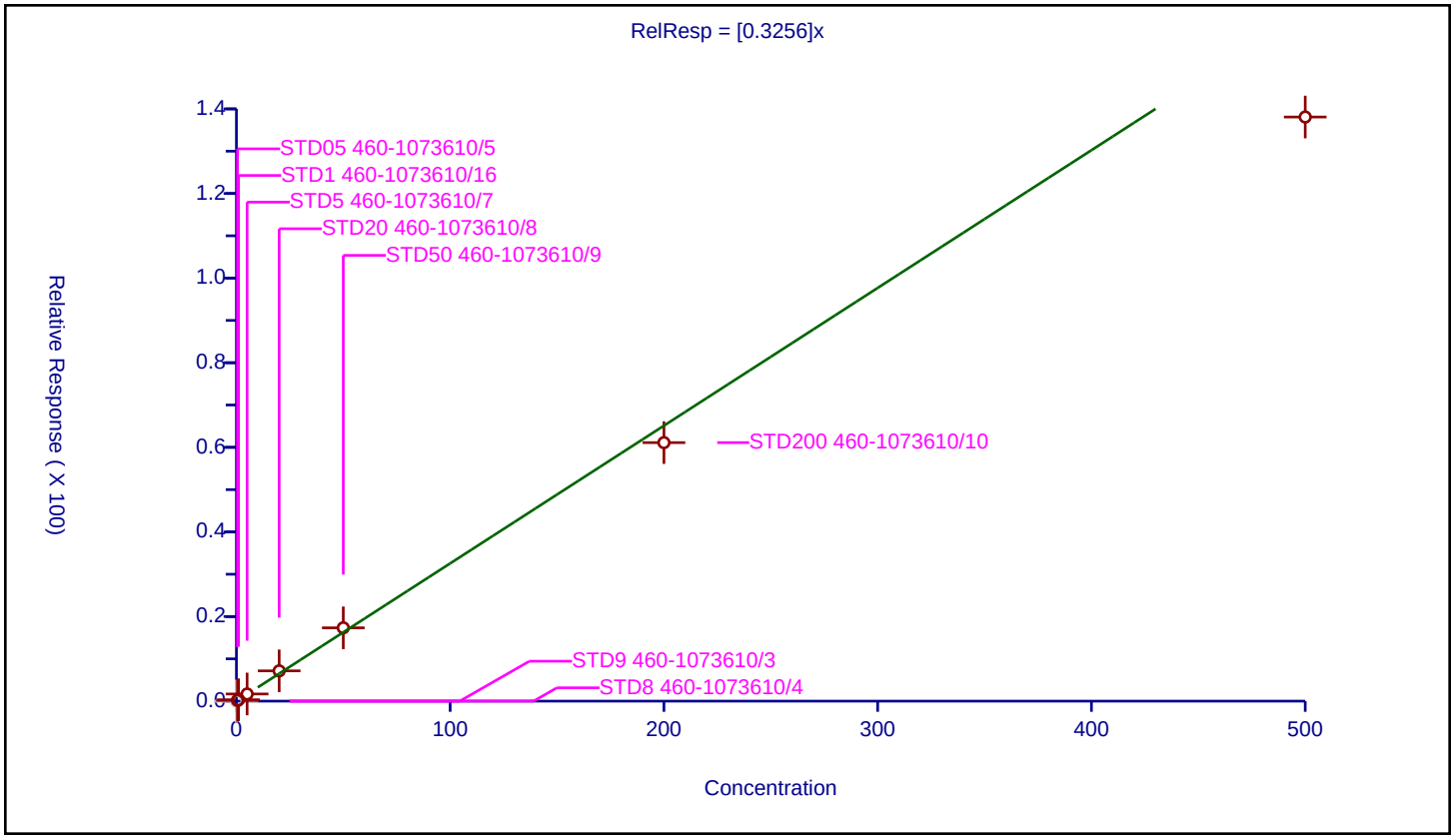
Curve Coefficients

Intercept:	0
Slope:	0.3256

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.164105	50.0	596265.0	0.32821	Y
4	STD1 460-1073610/16	1.0	0.326236	50.0	593436.0	0.326236	Y
5	STD5 460-1073610/7	5.0	1.692802	50.0	619535.0	0.33856	Y
6	STD20 460-1073610/8	20.0	7.156671	50.0	628777.0	0.357834	Y
7	STD50 460-1073610/9	50.0	17.330045	50.0	624681.0	0.346601	Y
8	STD200 460-1073610/10	200.0	61.109185	50.0	611350.0	0.305546	Y
9	STD500 460-1073610/11	500.0	138.078382	50.0	609091.0	0.276157	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

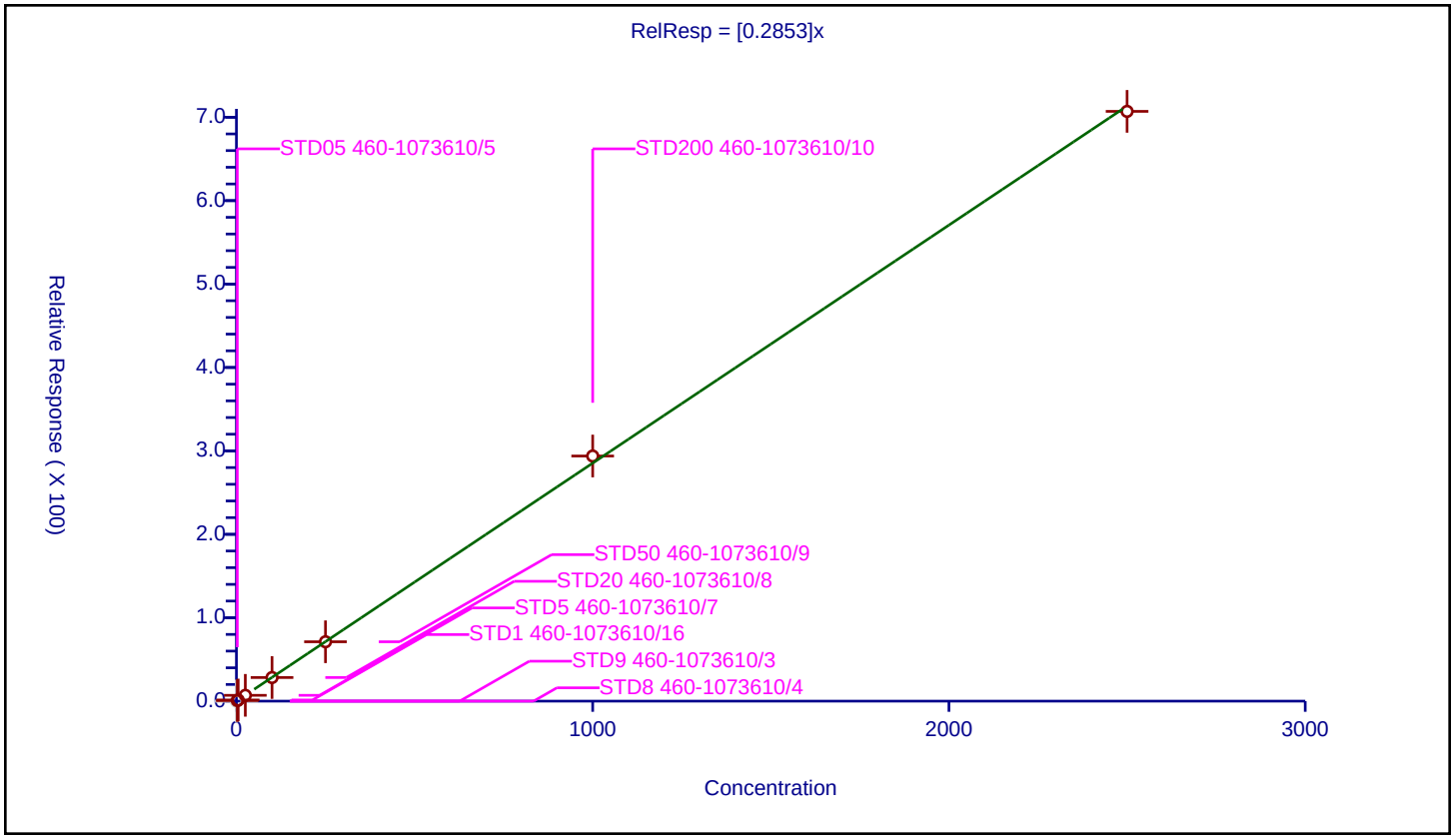
Curve Coefficients

Intercept:	0
Slope:	0.2853

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	250.0	262117.0	NaN	N
2	STD9 460-1073610/3	1.0	0.0	250.0	252276.0	0.0	N
3	STD05 460-1073610/5	2.5	0.744231	250.0	268398.0	0.297692	Y
4	STD1 460-1073610/16	5.0	1.380965	250.0	286937.0	0.276193	Y
5	STD5 460-1073610/7	25.0	6.981237	250.0	272552.0	0.279249	Y
6	STD20 460-1073610/8	100.0	28.289781	250.0	271591.0	0.282898	Y
7	STD50 460-1073610/9	250.0	71.181856	250.0	267080.0	0.284727	Y
8	STD200 460-1073610/10	1000.0	293.861572	250.0	255497.0	0.293862	Y
9	STD500 460-1073610/11	2500.0	707.02143	250.0	253004.0	0.282809	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

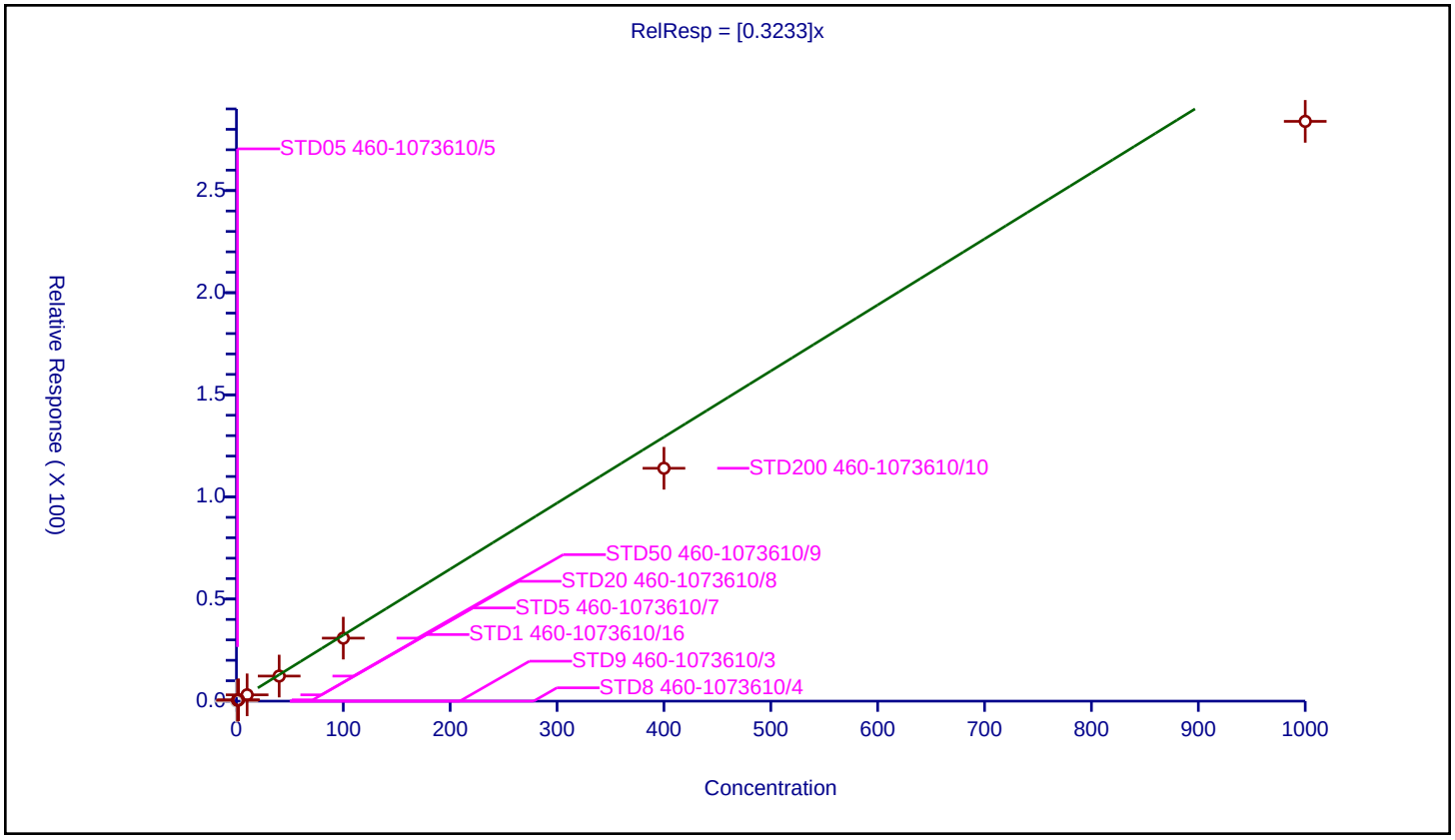
Curve Coefficients

Intercept:	0
Slope:	0.3233

Error Coefficients

Relative Standard Deviation:	18.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	250.0	262117.0	NaN	N
2	STD9 460-1073610/3	0.4	0.0	250.0	252276.0	0.0	N
3	STD05 460-1073610/5	1.0	0.452686	250.0	268398.0	0.452686	Y
4	STD1 460-1073610/16	2.0	0.635157	250.0	286937.0	0.317578	Y
5	STD5 460-1073610/7	10.0	3.087484	250.0	272552.0	0.308748	Y
6	STD20 460-1073610/8	40.0	12.27305	250.0	271591.0	0.306826	Y
7	STD50 460-1073610/9	100.0	30.849371	250.0	267080.0	0.308494	Y
8	STD200 460-1073610/10	400.0	114.033629	250.0	255497.0	0.285084	Y
9	STD500 460-1073610/11	1000.0	283.896697	250.0	253004.0	0.283897	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

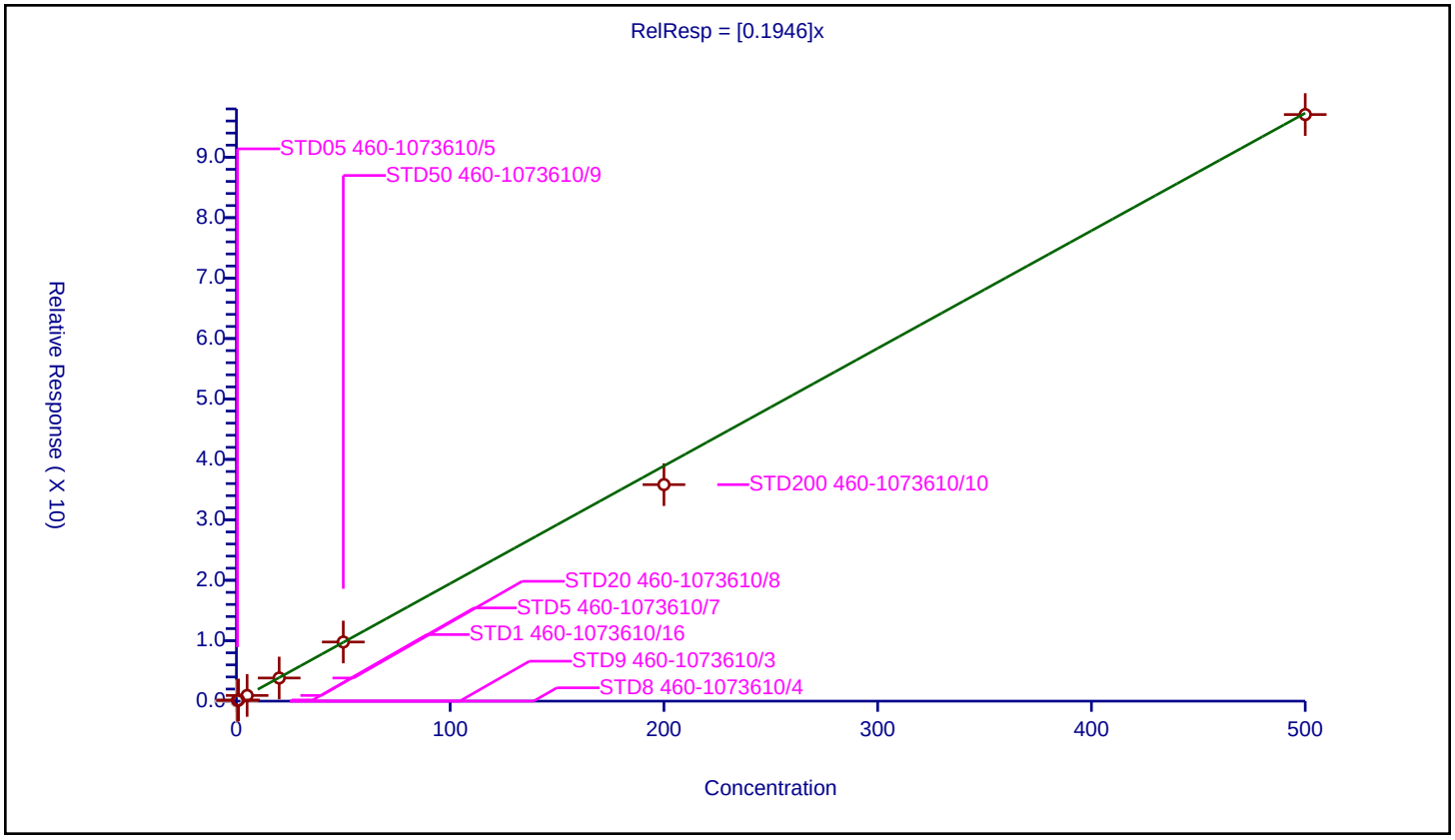
Curve Coefficients

Intercept:	0
Slope:	0.1946

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.111863	50.0	596265.0	0.223726	Y
4	STD1 460-1073610/16	1.0	0.190332	50.0	593436.0	0.190332	Y
5	STD5 460-1073610/7	5.0	0.938688	50.0	619535.0	0.187738	Y
6	STD20 460-1073610/8	20.0	3.828941	50.0	628777.0	0.191447	Y
7	STD50 460-1073610/9	50.0	9.786355	50.0	624681.0	0.195727	Y
8	STD200 460-1073610/10	200.0	35.827431	50.0	611350.0	0.179137	Y
9	STD500 460-1073610/11	500.0	97.067269	50.0	609091.0	0.194135	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

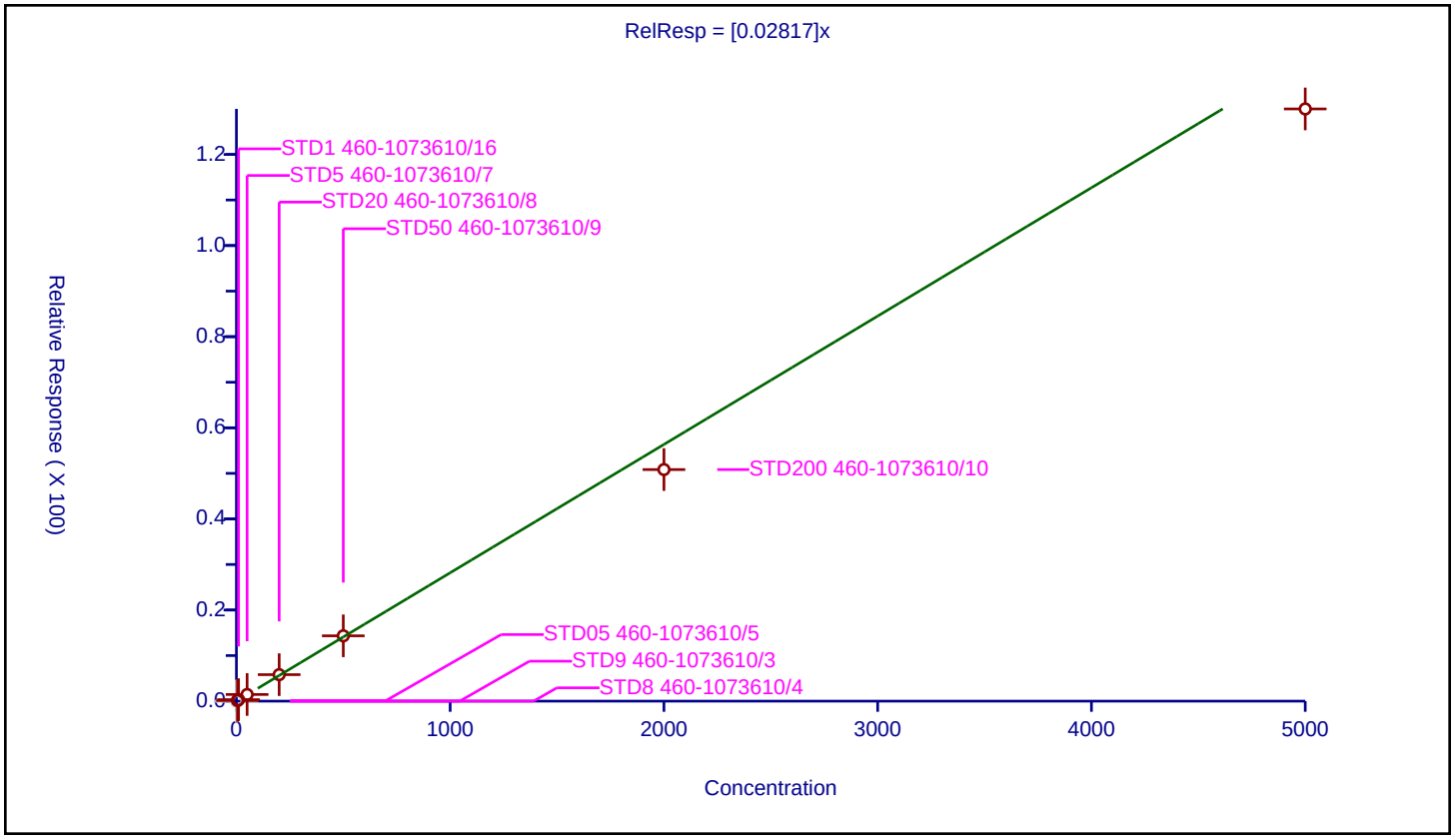
Curve Coefficients

Intercept:	0
Slope:	0.02817

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	2.0	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	5.0	0.131066	50.0	596265.0	0.026213	Y
4	STD1 460-1073610/16	10.0	0.326825	50.0	593436.0	0.032683	Y
5	STD5 460-1073610/7	50.0	1.458997	50.0	619535.0	0.02918	Y
6	STD20 460-1073610/8	200.0	5.812235	50.0	628777.0	0.029061	Y
7	STD50 460-1073610/9	500.0	14.336517	50.0	624681.0	0.028673	Y
8	STD200 460-1073610/10	2000.0	50.828249	50.0	611350.0	0.025414	Y
9	STD500 460-1073610/11	5000.0	129.985503	50.0	609091.0	0.025997	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

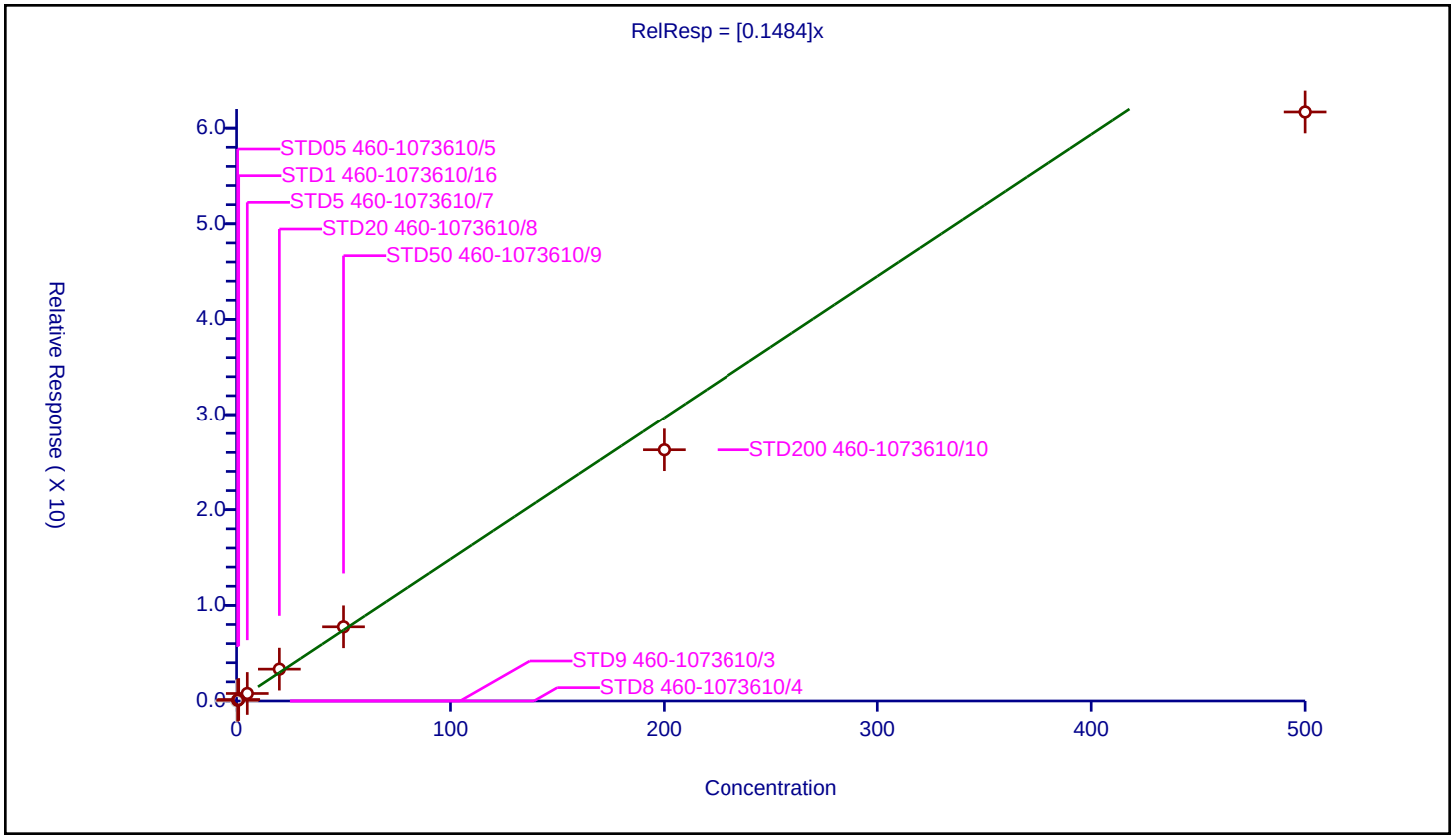
Curve Coefficients

Intercept:	0
Slope:	0.1484

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.075386	50.0	596265.0	0.150772	Y
4	STD1 460-1073610/16	1.0	0.154271	50.0	593436.0	0.154271	Y
5	STD5 460-1073610/7	5.0	0.785266	50.0	619535.0	0.157053	Y
6	STD20 460-1073610/8	20.0	3.330274	50.0	628777.0	0.166514	Y
7	STD50 460-1073610/9	50.0	7.759	50.0	624681.0	0.15518	Y
8	STD200 460-1073610/10	200.0	26.275211	50.0	611350.0	0.131376	Y
9	STD500 460-1073610/11	500.0	61.68914	50.0	609091.0	0.123378	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

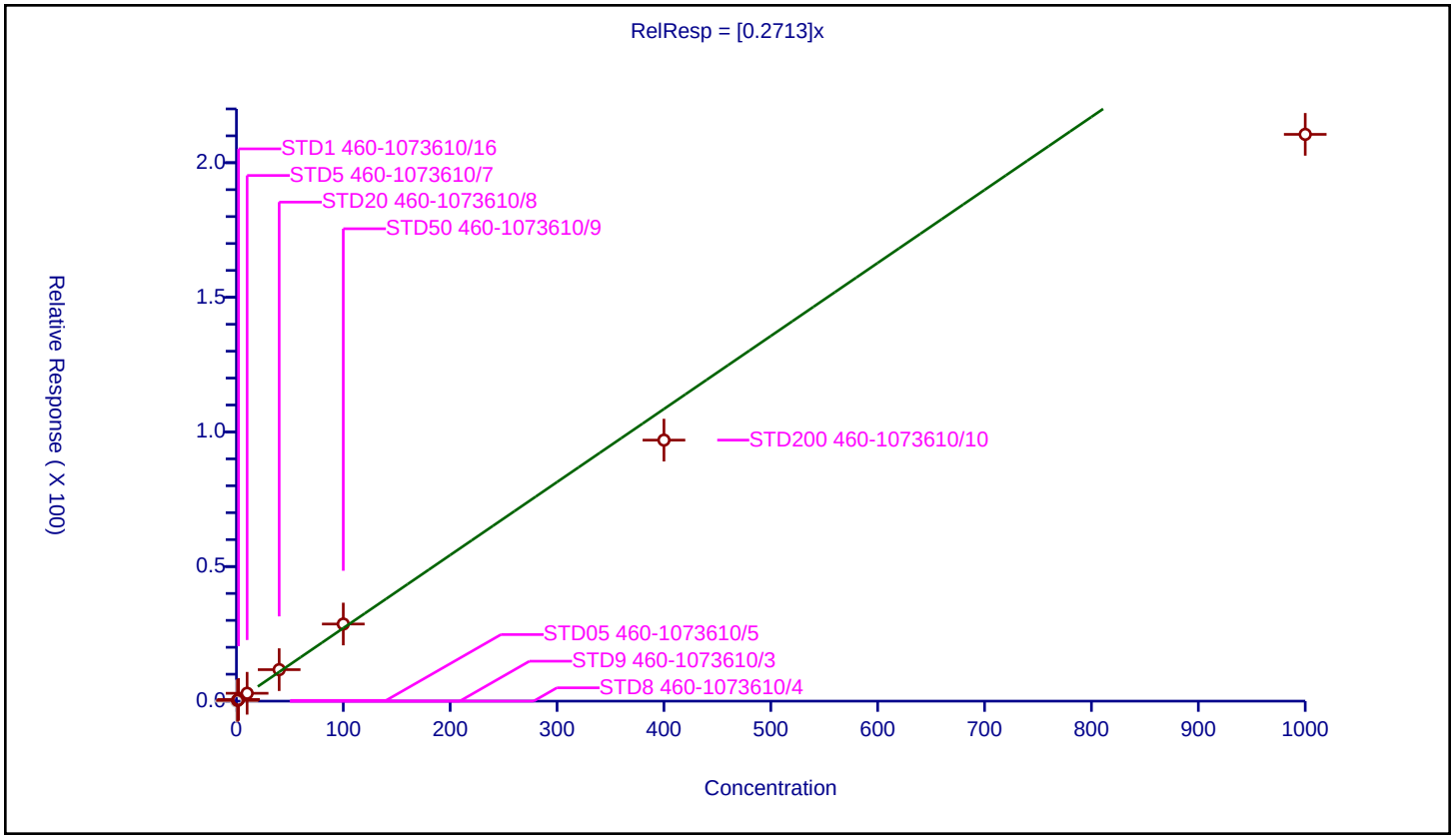
Curve Coefficients

Intercept:	0
Slope:	0.2713

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	250.0	262117.0	NaN	N
2	STD9 460-1073610/3	0.4	0.0	250.0	252276.0	0.0	N
3	STD05 460-1073610/5	1.0	0.267327	250.0	268398.0	0.267327	Y
4	STD1 460-1073610/16	2.0	0.615118	250.0	286937.0	0.307559	Y
5	STD5 460-1073610/7	10.0	2.922378	250.0	272552.0	0.292238	Y
6	STD20 460-1073610/8	40.0	11.697737	250.0	271591.0	0.292443	Y
7	STD50 460-1073610/9	100.0	28.651528	250.0	267080.0	0.286515	Y
8	STD200 460-1073610/10	400.0	96.962978	250.0	255497.0	0.242407	Y
9	STD500 460-1073610/11	1000.0	210.543114	250.0	253004.0	0.210543	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

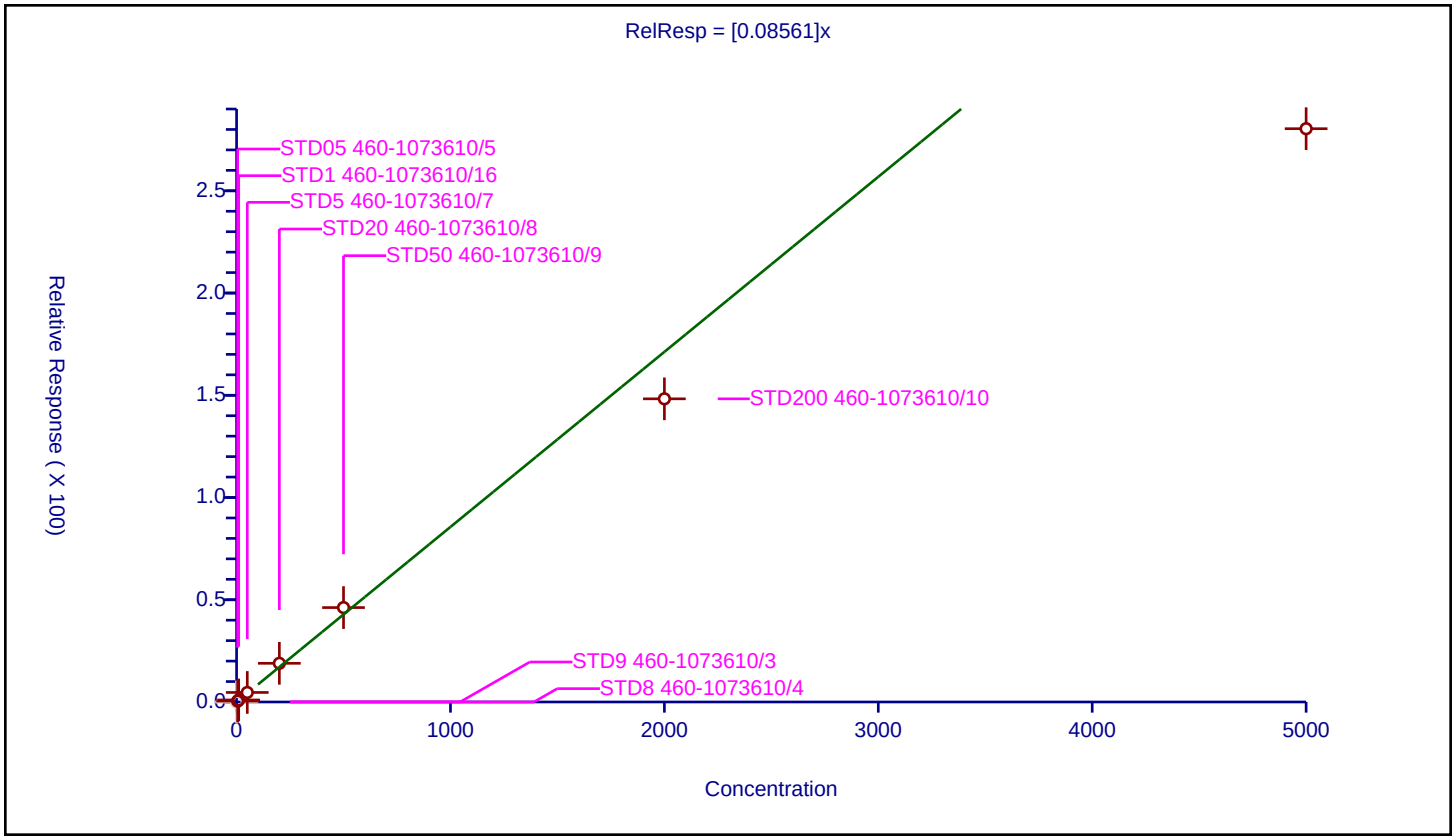
Curve Coefficients

Intercept:	0
Slope:	0.08561

Error Coefficients

Relative Standard Deviation:	17.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	2.0	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	5.0	0.45416	50.0	596265.0	0.090832	Y
4	STD1 460-1073610/16	10.0	0.98174	50.0	593436.0	0.098174	Y
5	STD5 460-1073610/7	50.0	4.658171	50.0	619535.0	0.093163	Y
6	STD20 460-1073610/8	200.0	18.914178	50.0	628777.0	0.094571	Y
7	STD50 460-1073610/9	500.0	46.173967	50.0	624681.0	0.092348	Y
8	STD200 460-1073610/10	2000.0	148.266541	50.0	611350.0	0.074133	Y
9	STD500 460-1073610/11	5000.0	280.373622	50.0	609091.0	0.056075	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

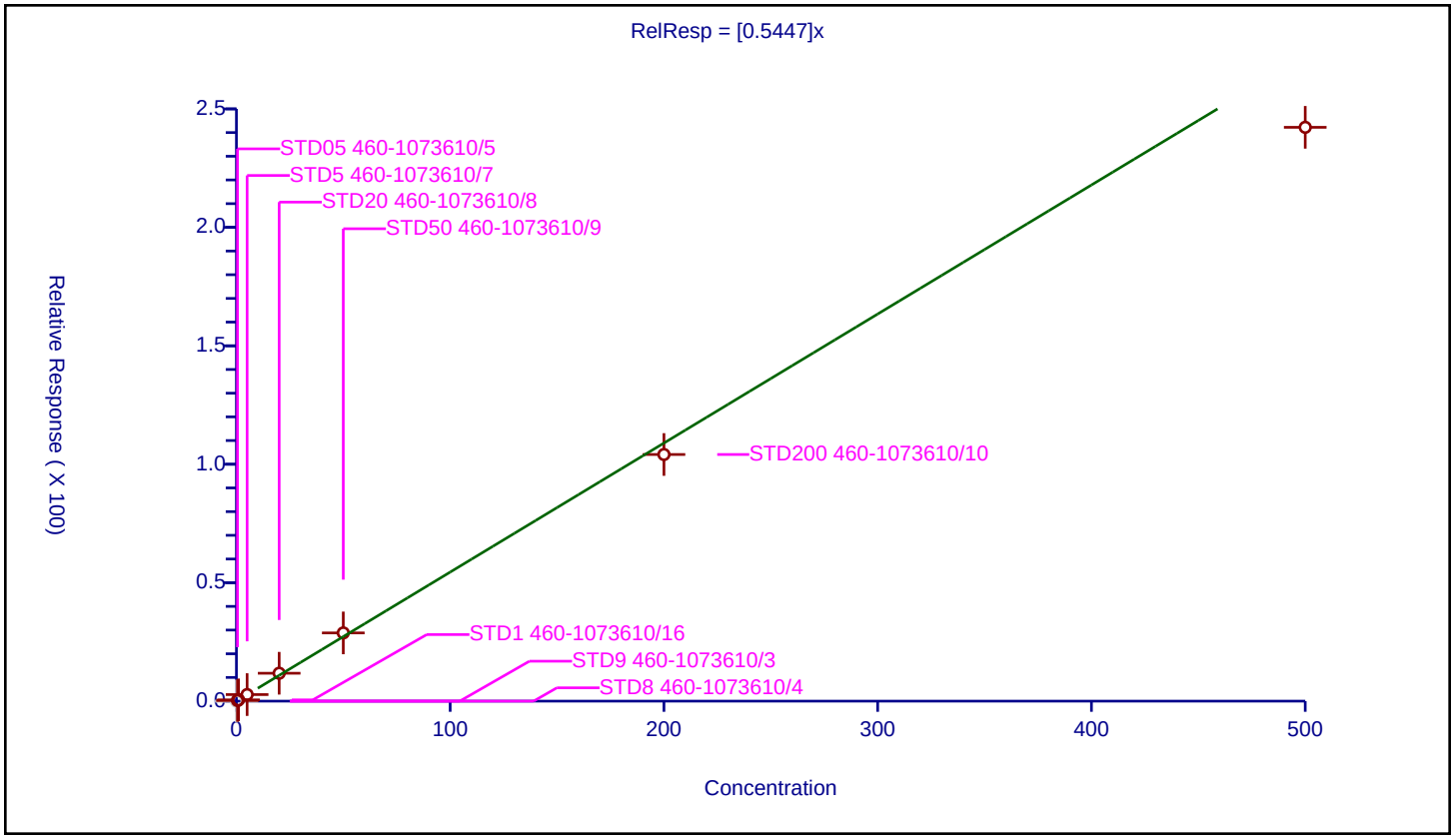
Curve Coefficients

Intercept:	0
Slope:	0.5447

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.274962	50.0	596265.0	0.549923	Y
4	STD1 460-1073610/16	1.0	0.537884	50.0	593436.0	0.537884	Y
5	STD5 460-1073610/7	5.0	2.774984	50.0	619535.0	0.554997	Y
6	STD20 460-1073610/8	20.0	11.779852	50.0	628777.0	0.588993	Y
7	STD50 460-1073610/9	50.0	28.8007	50.0	624681.0	0.576014	Y
8	STD200 460-1073610/10	200.0	104.110002	50.0	611350.0	0.52055	Y
9	STD500 460-1073610/11	500.0	242.220621	50.0	609091.0	0.484441	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

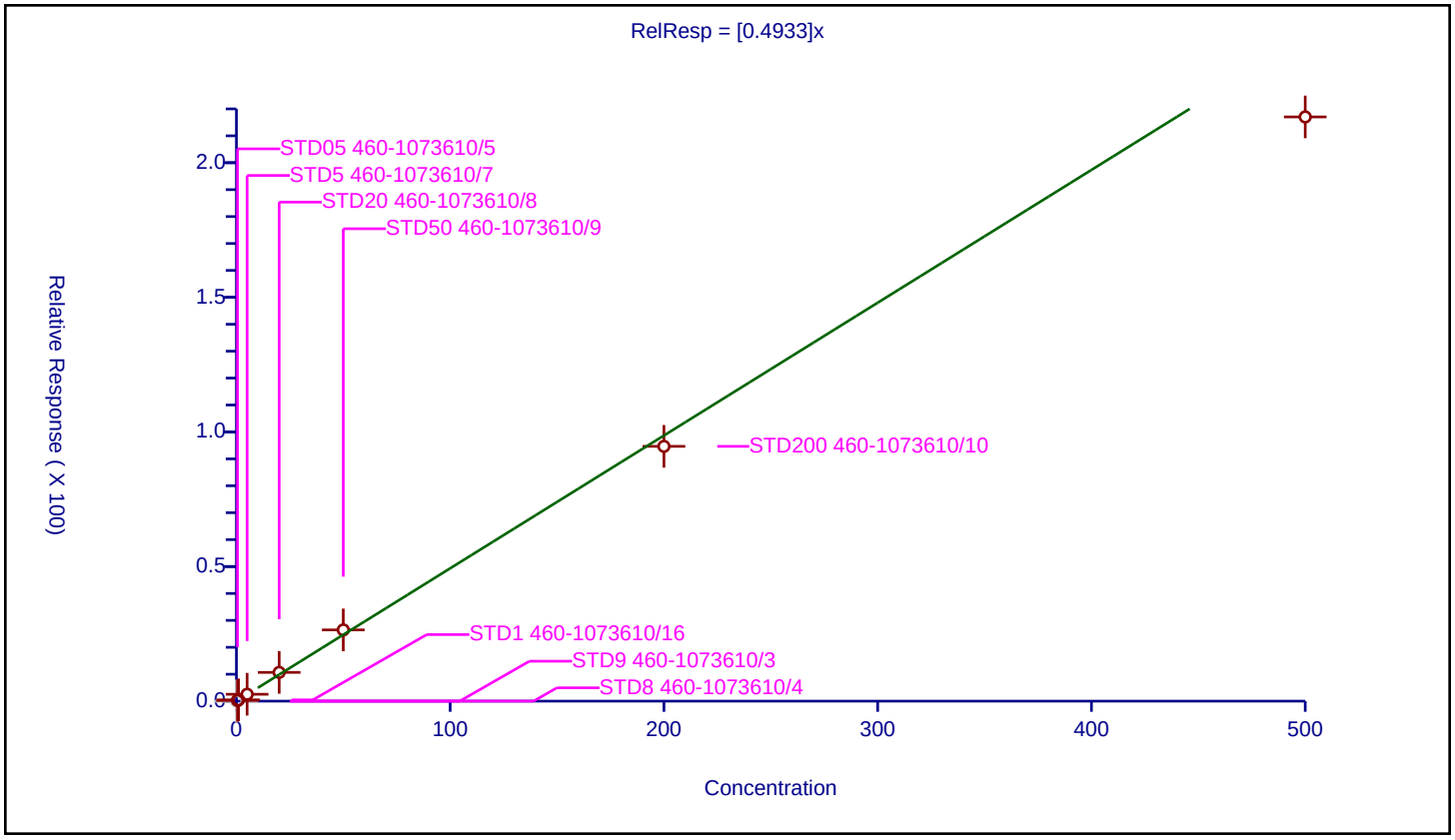
Curve Coefficients

Intercept:	0
Slope:	0.4933

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.24905	50.0	596265.0	0.498101	Y
4	STD1 460-1073610/16	1.0	0.473682	50.0	593436.0	0.473682	Y
5	STD5 460-1073610/7	5.0	2.554416	50.0	619535.0	0.510883	Y
6	STD20 460-1073610/8	20.0	10.680893	50.0	628777.0	0.534045	Y
7	STD50 460-1073610/9	50.0	26.464147	50.0	624681.0	0.529283	Y
8	STD200 460-1073610/10	200.0	94.647747	50.0	611350.0	0.473239	Y
9	STD500 460-1073610/11	500.0	217.007639	50.0	609091.0	0.434015	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

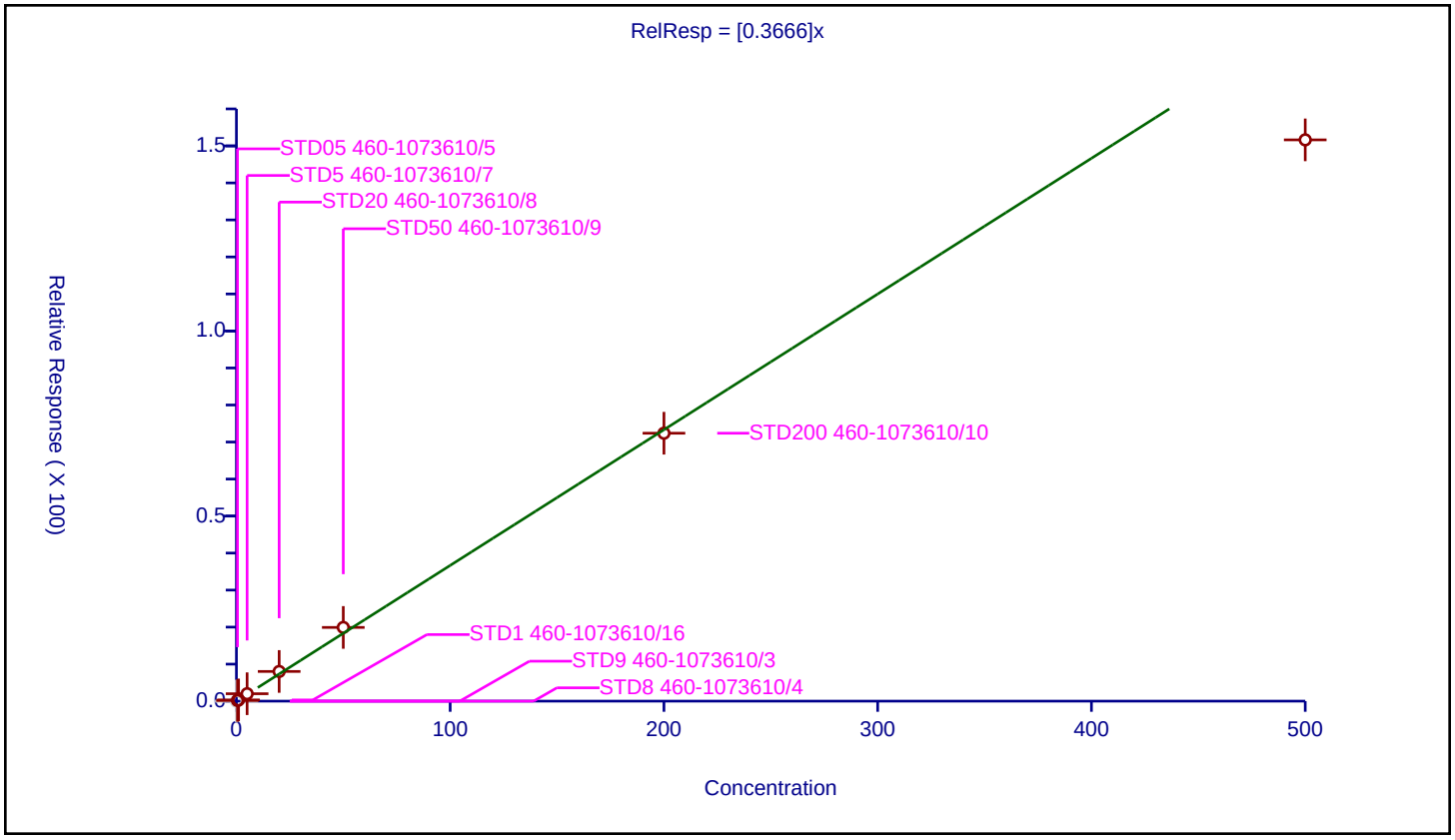
Curve Coefficients

Intercept:	0
Slope:	0.3666

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.190939	50.0	596265.0	0.381877	Y
4	STD1 460-1073610/16	1.0	0.318905	50.0	593436.0	0.318905	Y
5	STD5 460-1073610/7	5.0	2.005698	50.0	619535.0	0.40114	Y
6	STD20 460-1073610/8	20.0	8.019934	50.0	628777.0	0.400997	Y
7	STD50 460-1073610/9	50.0	19.913284	50.0	624681.0	0.398266	Y
8	STD200 460-1073610/10	200.0	72.378834	50.0	611350.0	0.361894	Y
9	STD500 460-1073610/11	500.0	151.63391	50.0	609091.0	0.303268	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

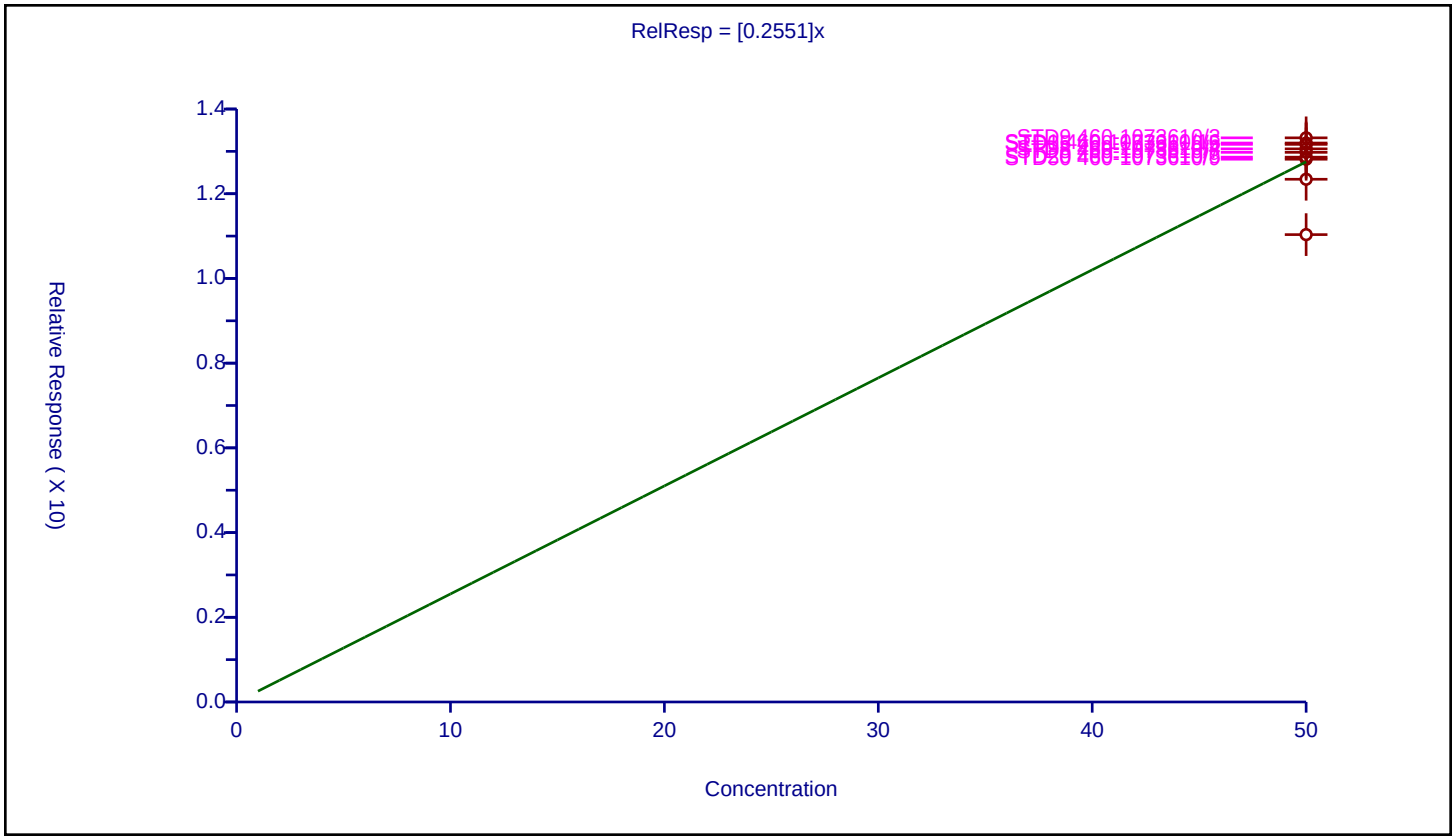
Curve Coefficients

Intercept:	0
Slope:	0.2551

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	50.0	13.319201	50.0	599334.0	0.266384	Y
2	STD8 460-1073610/4	50.0	13.059679	50.0	601573.0	0.261194	Y
3	STD05 460-1073610/5	50.0	13.164868	50.0	596265.0	0.263297	Y
4	STD5 460-1073610/7	50.0	12.976668	50.0	619535.0	0.259533	Y
5	STD20 460-1073610/8	50.0	12.863623	50.0	628777.0	0.257272	Y
6	STD50 460-1073610/9	50.0	12.814621	50.0	624681.0	0.256292	Y
7	STD200 460-1073610/10	50.0	12.341948	50.0	611350.0	0.246839	Y
8	STD500 460-1073610/11	50.0	11.034722	50.0	609091.0	0.220694	Y
9	STD1 460-1073610/16	50.0	13.197548	50.0	593436.0	0.263951	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

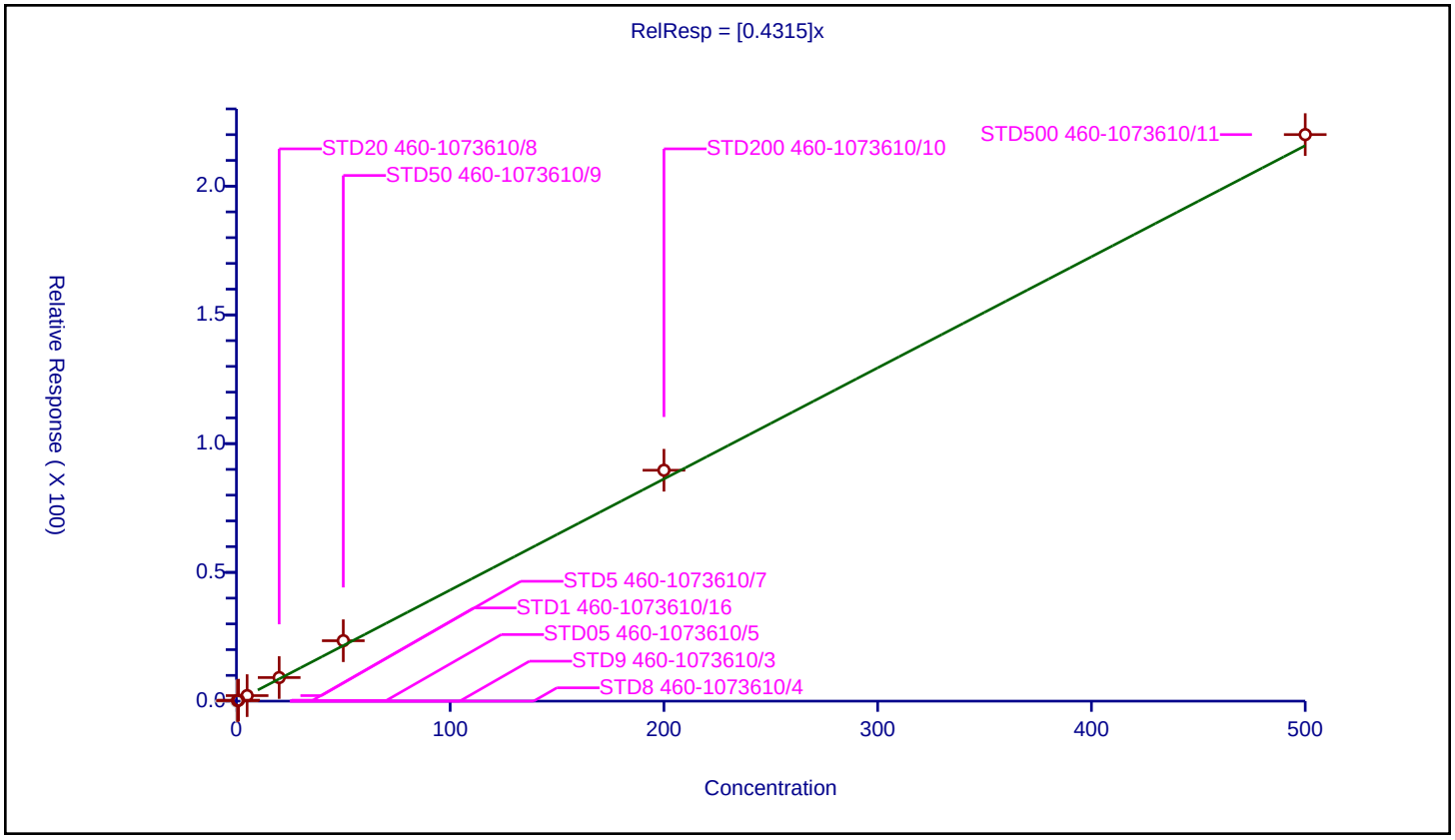
Curve Coefficients

Intercept:	0
Slope:	0.4315

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.204775	50.0	596265.0	0.409549	Y
4	STD1 460-1073610/16	1.0	0.365667	50.0	593436.0	0.365667	Y
5	STD5 460-1073610/7	5.0	2.148224	50.0	619535.0	0.429645	Y
6	STD20 460-1073610/8	20.0	9.156108	50.0	628777.0	0.457805	Y
7	STD50 460-1073610/9	50.0	23.460694	50.0	624681.0	0.469214	Y
8	STD200 460-1073610/10	200.0	89.667539	50.0	611350.0	0.448338	Y
9	STD500 460-1073610/11	500.0	220.018601	50.0	609091.0	0.440037	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

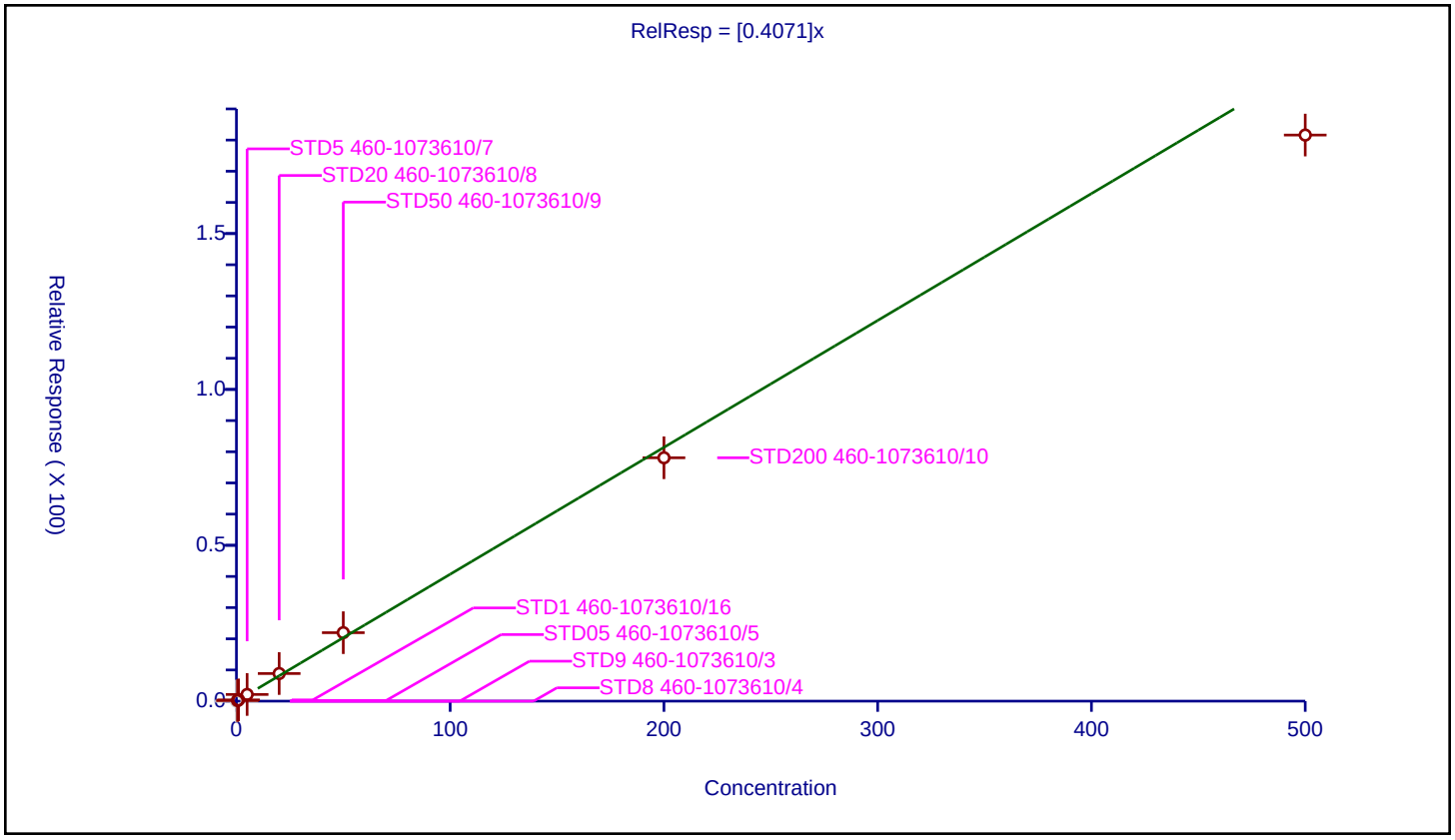
Curve Coefficients

Intercept:	0
Slope:	0.4071

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.193203	50.0	596265.0	0.386405	Y
4	STD1 460-1073610/16	1.0	0.398864	50.0	593436.0	0.398864	Y
5	STD5 460-1073610/7	5.0	2.141606	50.0	619535.0	0.428321	Y
6	STD20 460-1073610/8	20.0	8.858864	50.0	628777.0	0.442943	Y
7	STD50 460-1073610/9	50.0	21.967452	50.0	624681.0	0.439349	Y
8	STD200 460-1073610/10	200.0	78.079251	50.0	611350.0	0.390396	Y
9	STD500 460-1073610/11	500.0	181.606115	50.0	609091.0	0.363212	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

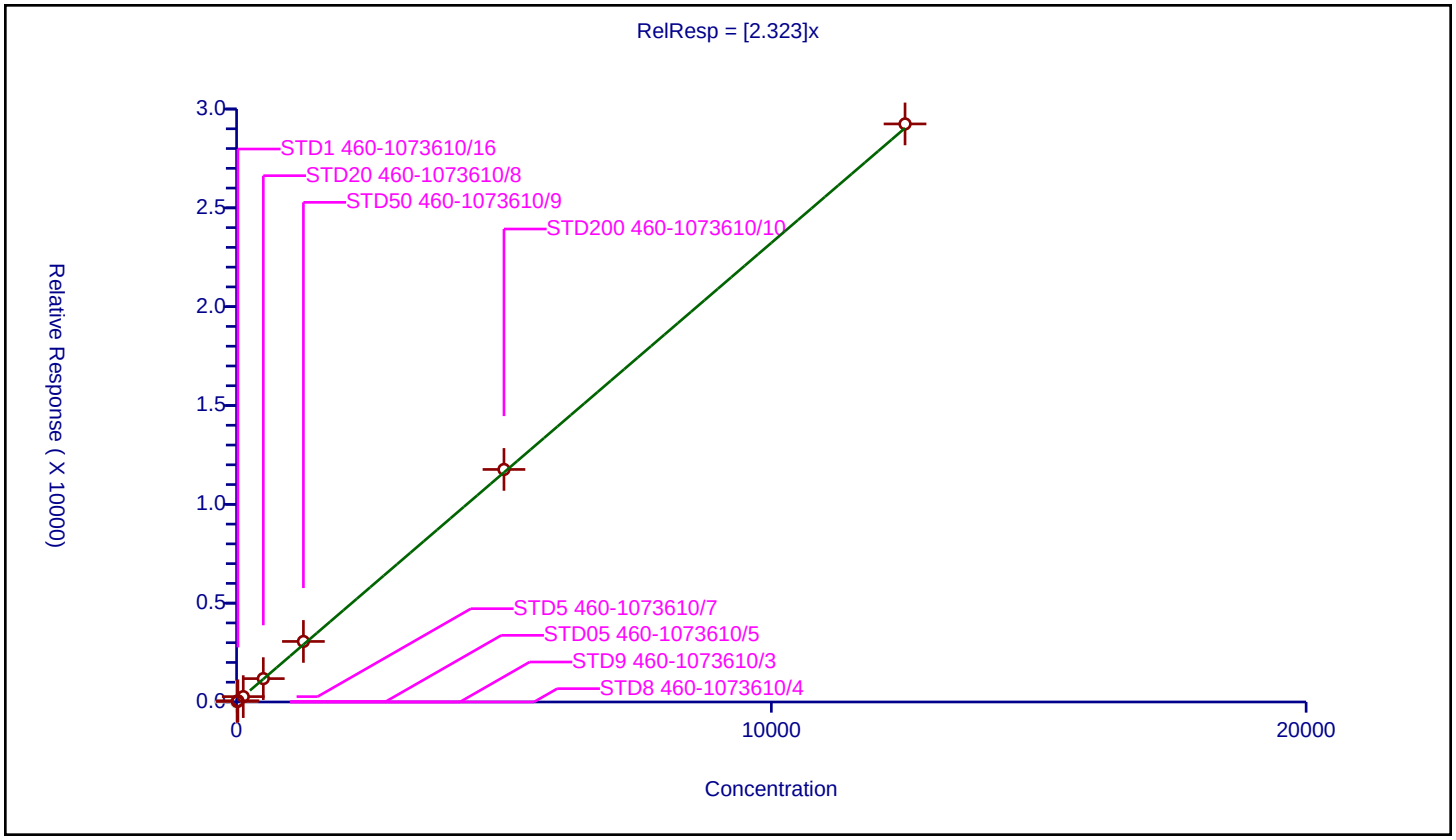
Curve Coefficients

Intercept:	0
Slope:	2.323

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	1000.0	36629.0	NaN	N
2	STD9 460-1073610/3	5.0	0.0	1000.0	34298.0	0.0	N
3	STD05 460-1073610/5	12.5	25.88822	1000.0	38898.0	2.071058	Y
4	STD1 460-1073610/16	25.0	62.580581	1000.0	40332.0	2.503223	Y
5	STD5 460-1073610/7	125.0	272.118211	1000.0	37763.0	2.176946	Y
6	STD20 460-1073610/8	500.0	1183.01777	1000.0	37816.0	2.366036	Y
7	STD50 460-1073610/9	1250.0	3062.868588	1000.0	35948.0	2.450295	Y
8	STD200 460-1073610/10	5000.0	11764.981115	1000.0	35478.0	2.352996	Y
9	STD500 460-1073610/11	12500.0	29245.590231	1000.0	38324.0	2.339647	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

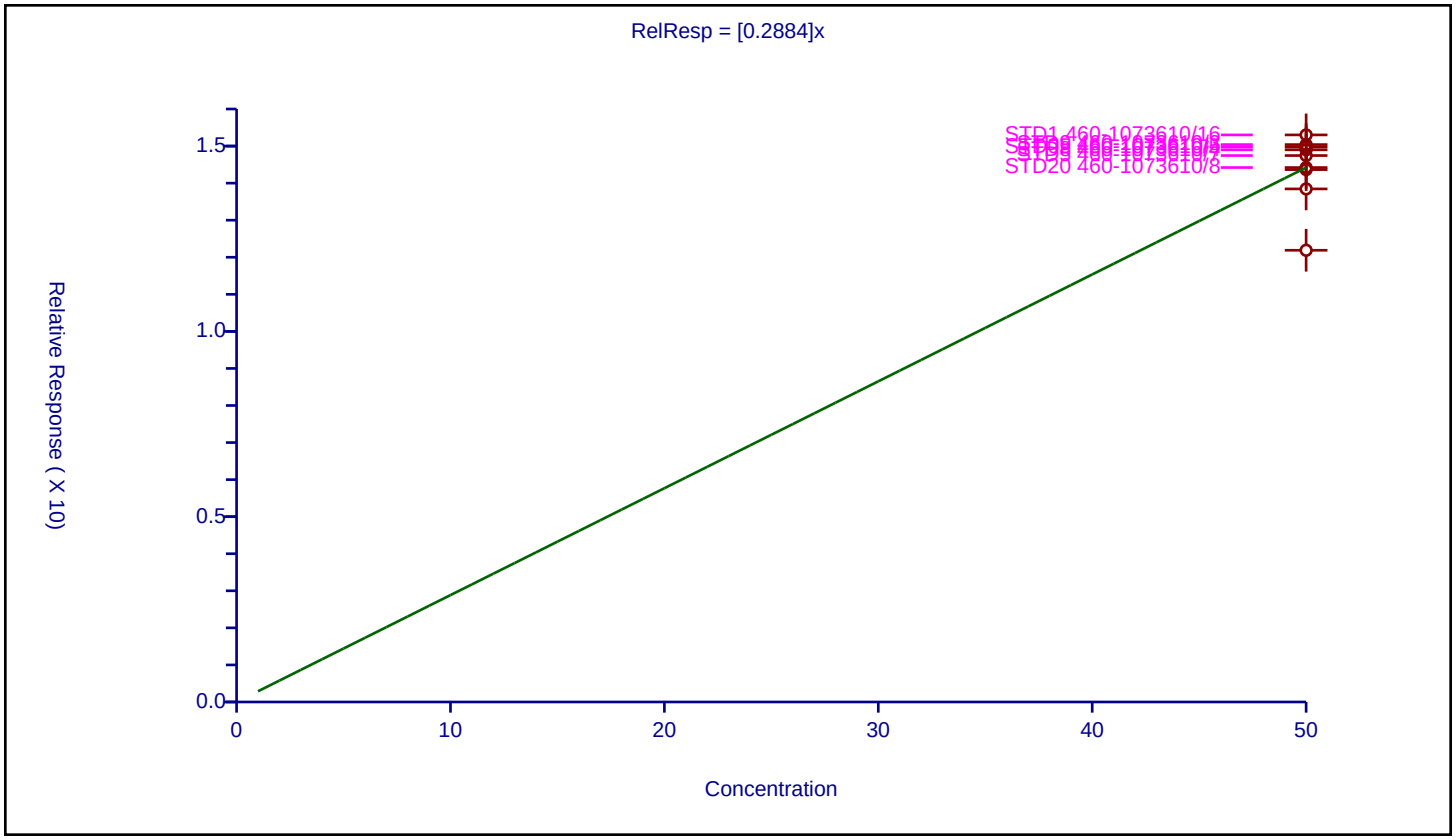
Curve Coefficients

Intercept:	0
Slope:	0.2884

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	50.0	15.039861	50.0	599334.0	0.300797	Y
2	STD8 460-1073610/4	50.0	14.899106	50.0	601573.0	0.297982	Y
3	STD05 460-1073610/5	50.0	14.974801	50.0	596265.0	0.299496	Y
4	STD5 460-1073610/7	50.0	14.744526	50.0	619535.0	0.294891	Y
5	STD20 460-1073610/8	50.0	14.420931	50.0	628777.0	0.288419	Y
6	STD50 460-1073610/9	50.0	14.364292	50.0	624681.0	0.287286	Y
7	STD200 460-1073610/10	50.0	13.844279	50.0	611350.0	0.276886	Y
8	STD500 460-1073610/11	50.0	12.188573	50.0	609091.0	0.243771	Y
9	STD1 460-1073610/16	50.0	15.301397	50.0	593436.0	0.306028	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

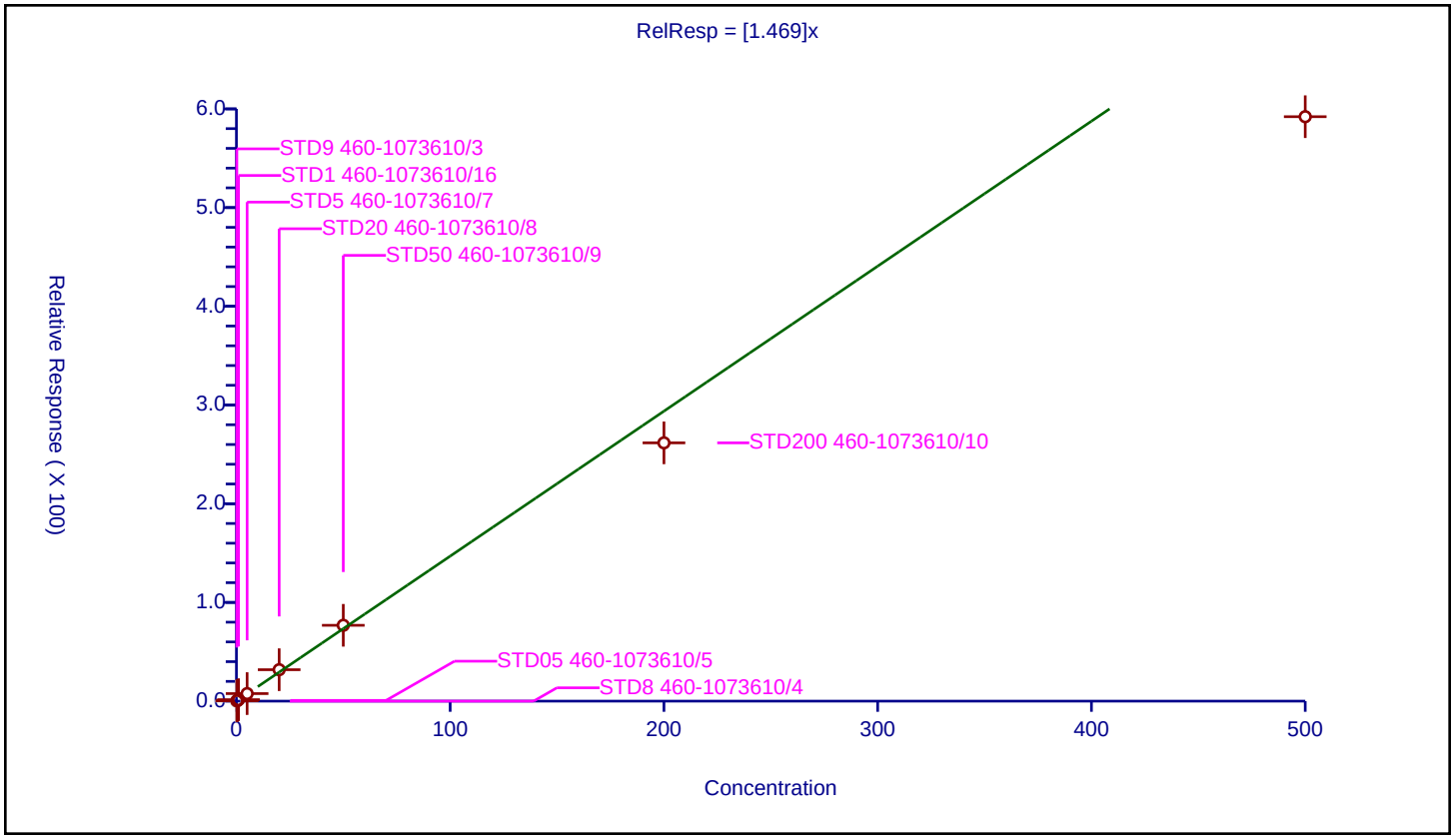
Curve Coefficients

Intercept:	0
Slope:	1.469

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.331086	50.0	463173.0	1.655429	Y
3	STD05 460-1073610/5	0.5	0.734371	50.0	464139.0	1.468741	Y
4	STD1 460-1073610/16	1.0	1.477672	50.0	457138.0	1.477672	Y
5	STD5 460-1073610/7	5.0	7.640664	50.0	474998.0	1.528133	Y
6	STD20 460-1073610/8	20.0	31.841288	50.0	481185.0	1.592064	Y
7	STD50 460-1073610/9	50.0	76.820966	50.0	479759.0	1.536419	Y
8	STD200 460-1073610/10	200.0	261.670784	50.0	469163.0	1.308354	Y
9	STD500 460-1073610/11	500.0	592.086254	50.0	446331.0	1.184173	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

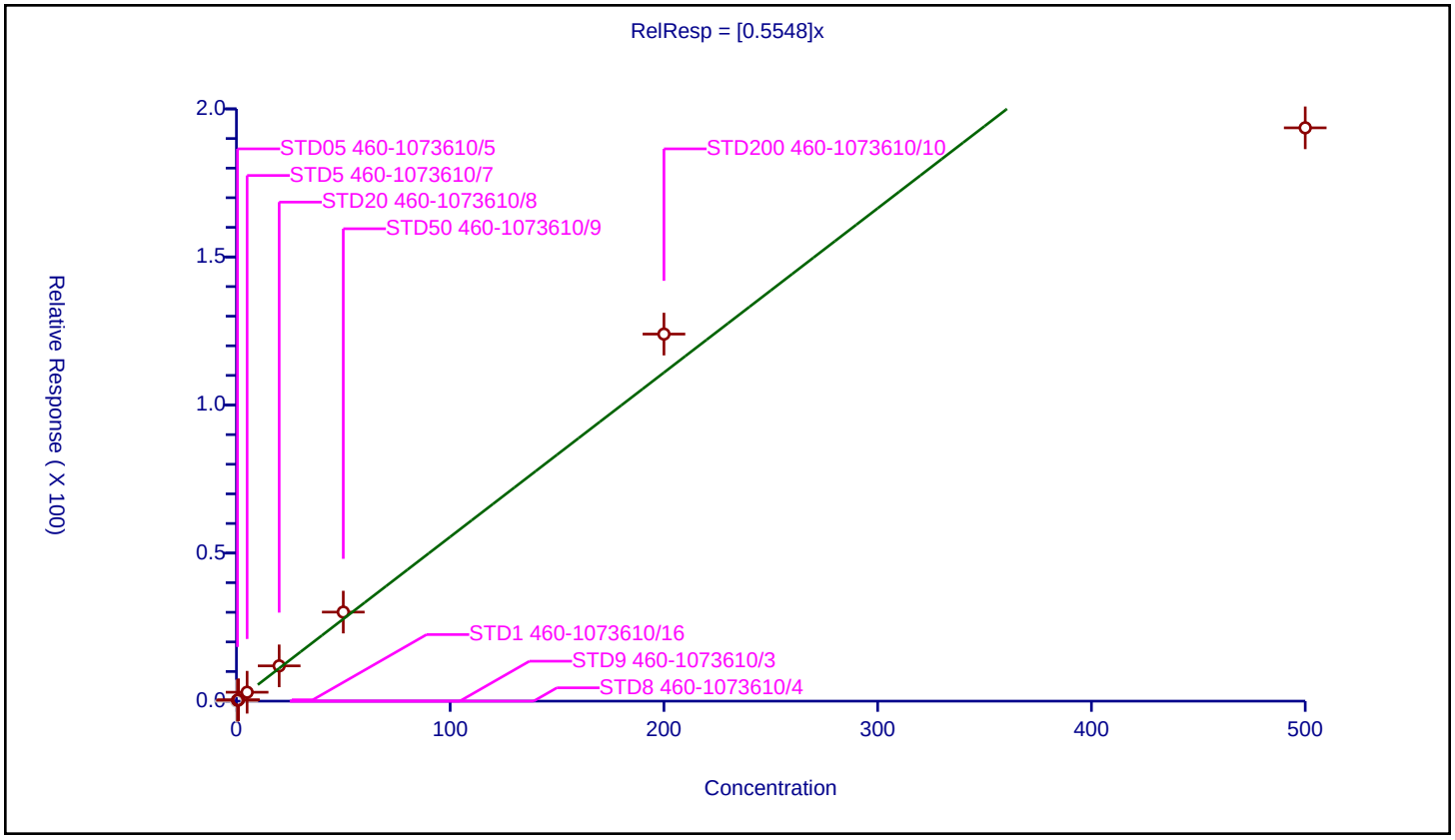
Curve Coefficients

Intercept:	0
Slope:	0.5548

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.310013	50.0	596265.0	0.620026	Y
4	STD1 460-1073610/16	1.0	0.457505	50.0	593436.0	0.457505	Y
5	STD5 460-1073610/7	5.0	3.009596	50.0	619535.0	0.601919	Y
6	STD20 460-1073610/8	20.0	11.910661	50.0	628777.0	0.595533	Y
7	STD50 460-1073610/9	50.0	30.076151	50.0	624681.0	0.601523	Y
8	STD200 460-1073610/10	200.0	123.957226	50.0	611350.0	0.619786	Y
9	STD500 460-1073610/11	500.0	193.606538	50.0	609091.0	0.387213	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

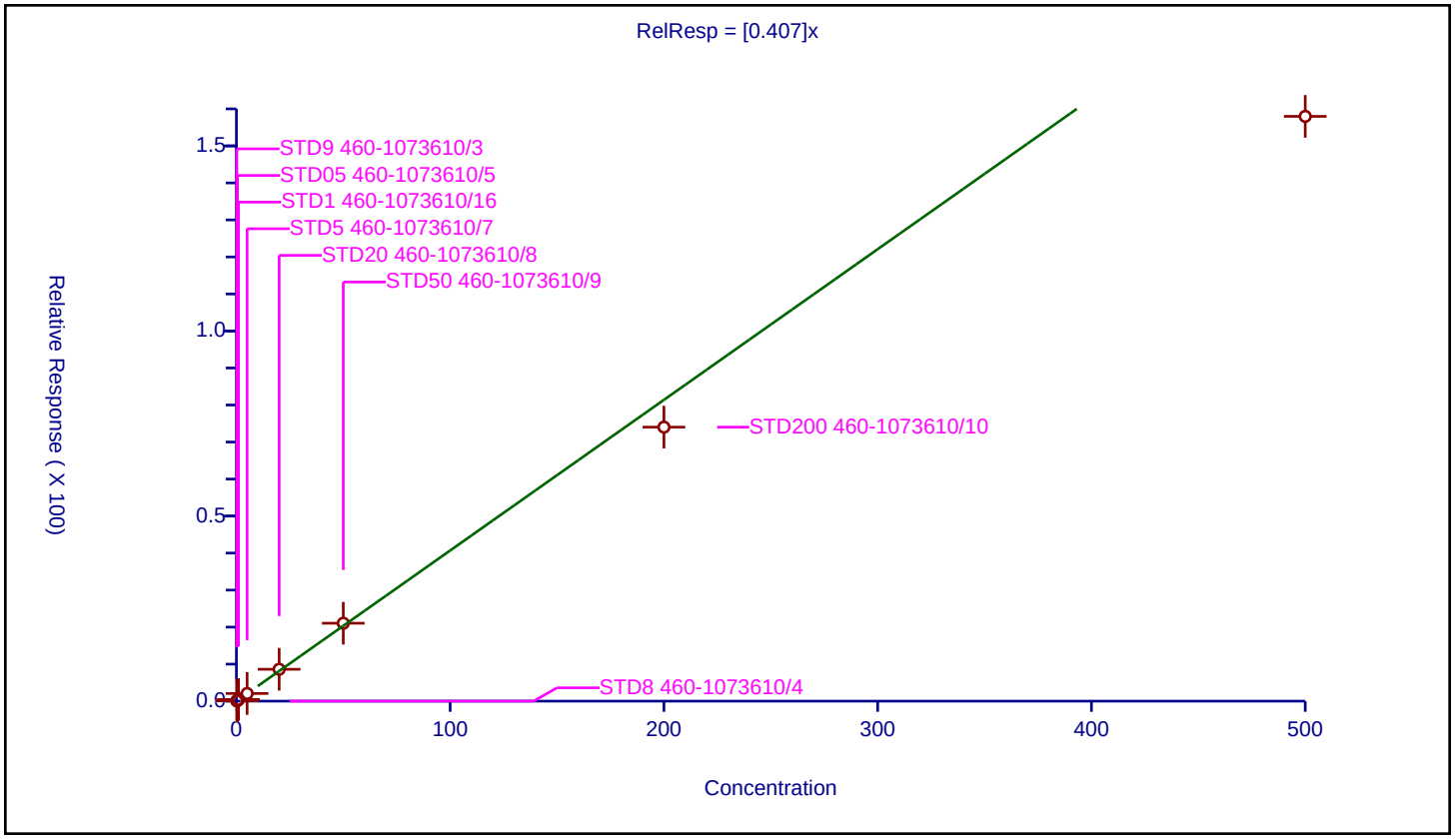
Curve Coefficients

Intercept:	0
Slope:	0.407

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.092019	50.0	599334.0	0.460094	Y
3	STD05 460-1073610/5	0.5	0.206033	50.0	596265.0	0.412065	Y
4	STD1 460-1073610/16	1.0	0.43265	50.0	593436.0	0.43265	Y
5	STD5 460-1073610/7	5.0	2.067518	50.0	619535.0	0.413504	Y
6	STD20 460-1073610/8	20.0	8.609014	50.0	628777.0	0.430451	Y
7	STD50 460-1073610/9	50.0	21.048183	50.0	624681.0	0.420964	Y
8	STD200 460-1073610/10	200.0	74.020855	50.0	611350.0	0.370104	Y
9	STD500 460-1073610/11	500.0	157.980006	50.0	609091.0	0.31596	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

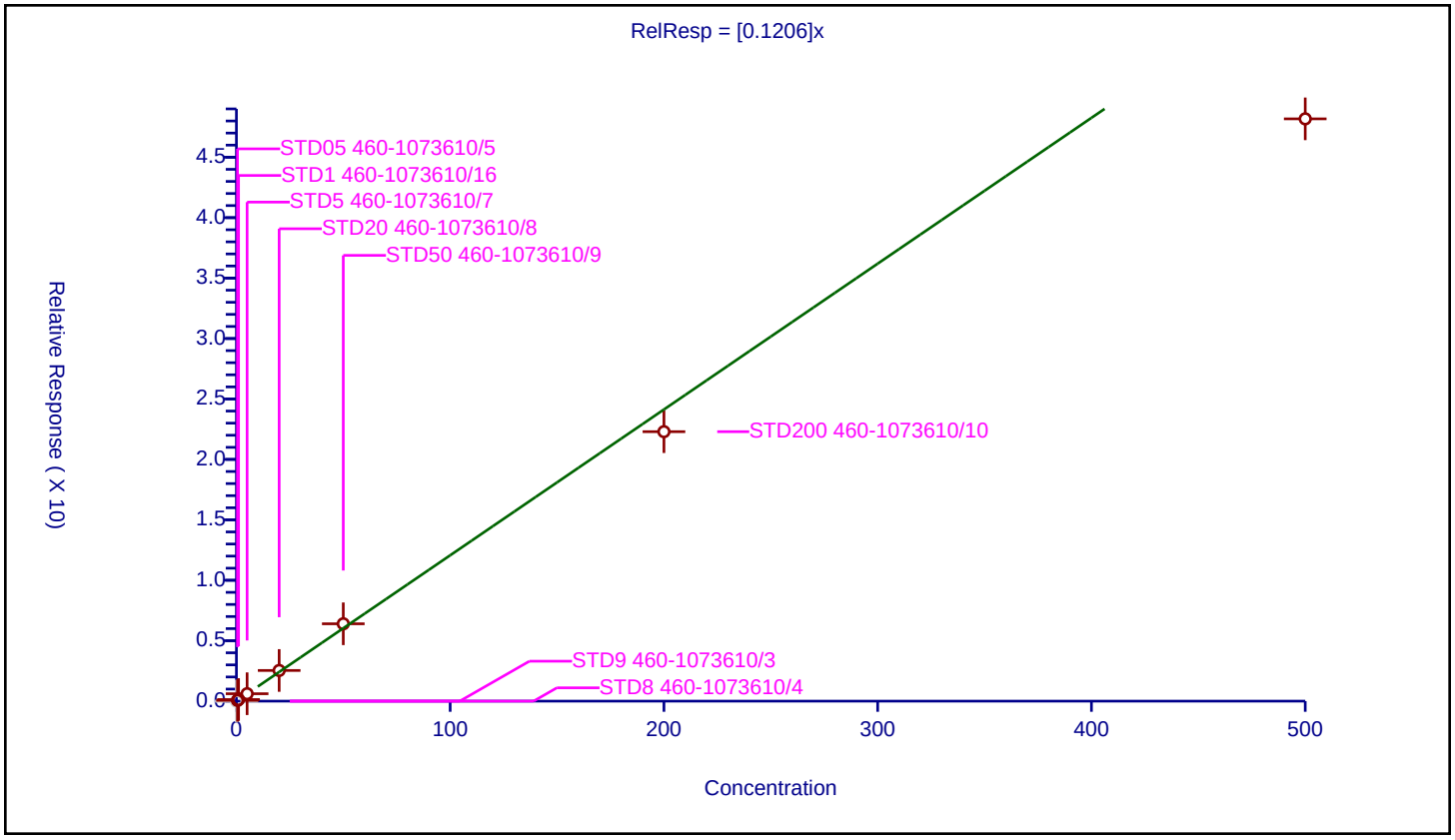
Curve Coefficients

Intercept:	0
Slope:	0.1206

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.064065	50.0	596265.0	0.128131	Y
4	STD1 460-1073610/16	1.0	0.130764	50.0	593436.0	0.130764	Y
5	STD5 460-1073610/7	5.0	0.614574	50.0	619535.0	0.122915	Y
6	STD20 460-1073610/8	20.0	2.537625	50.0	628777.0	0.126881	Y
7	STD50 460-1073610/9	50.0	6.400227	50.0	624681.0	0.128005	Y
8	STD200 460-1073610/10	200.0	22.295739	50.0	611350.0	0.111479	Y
9	STD500 460-1073610/11	500.0	48.174985	50.0	609091.0	0.09635	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

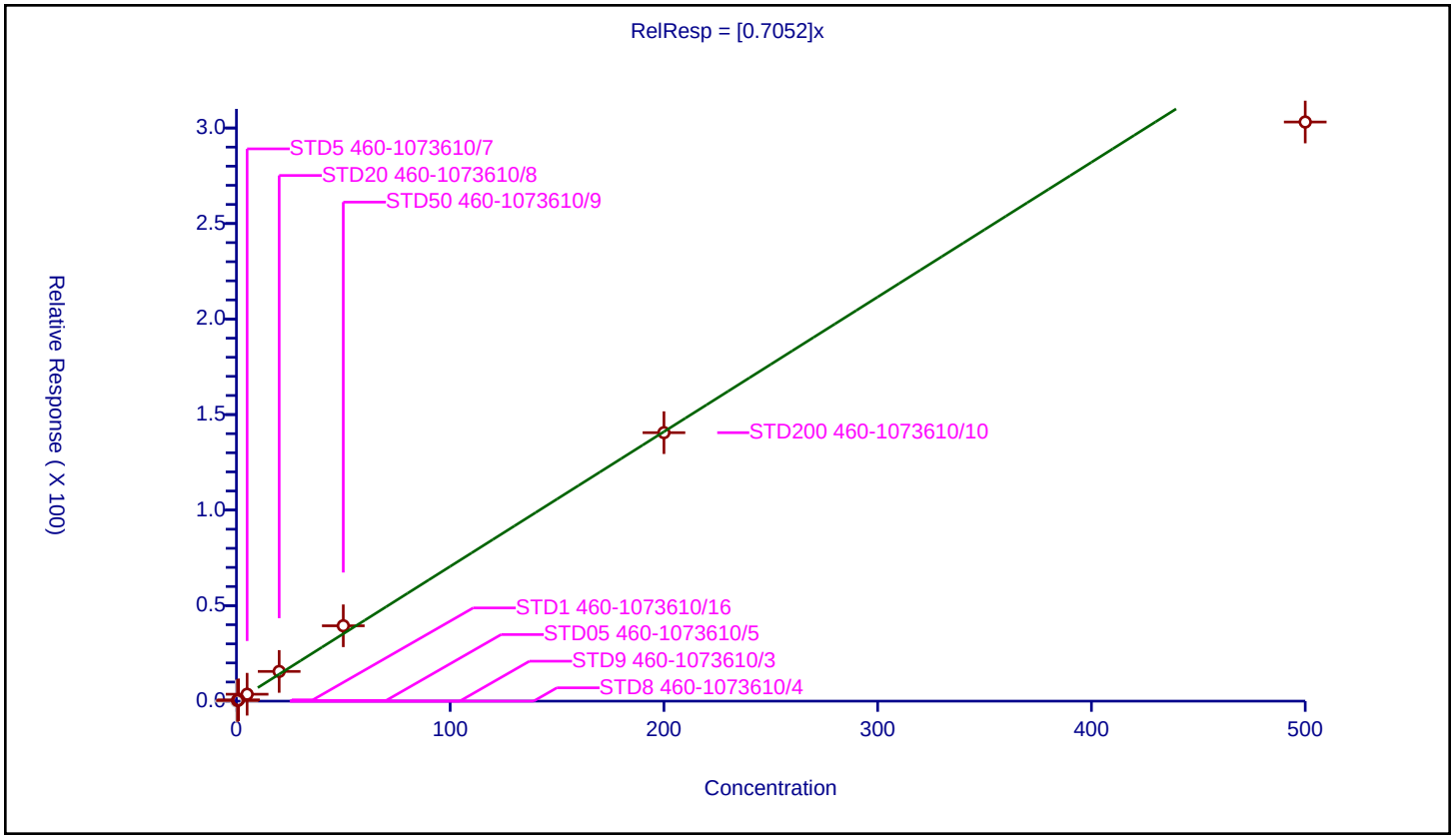
Curve Coefficients

Intercept:	0
Slope:	0.7052

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.328042	50.0	596265.0	0.656084	Y
4	STD1 460-1073610/16	1.0	0.681961	50.0	593436.0	0.681961	Y
5	STD5 460-1073610/7	5.0	3.611822	50.0	619535.0	0.722364	Y
6	STD20 460-1073610/8	20.0	15.557105	50.0	628777.0	0.777855	Y
7	STD50 460-1073610/9	50.0	39.445893	50.0	624681.0	0.788918	Y
8	STD200 460-1073610/10	200.0	140.531774	50.0	611350.0	0.702659	Y
9	STD500 460-1073610/11	500.0	303.13935	50.0	609091.0	0.606279	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

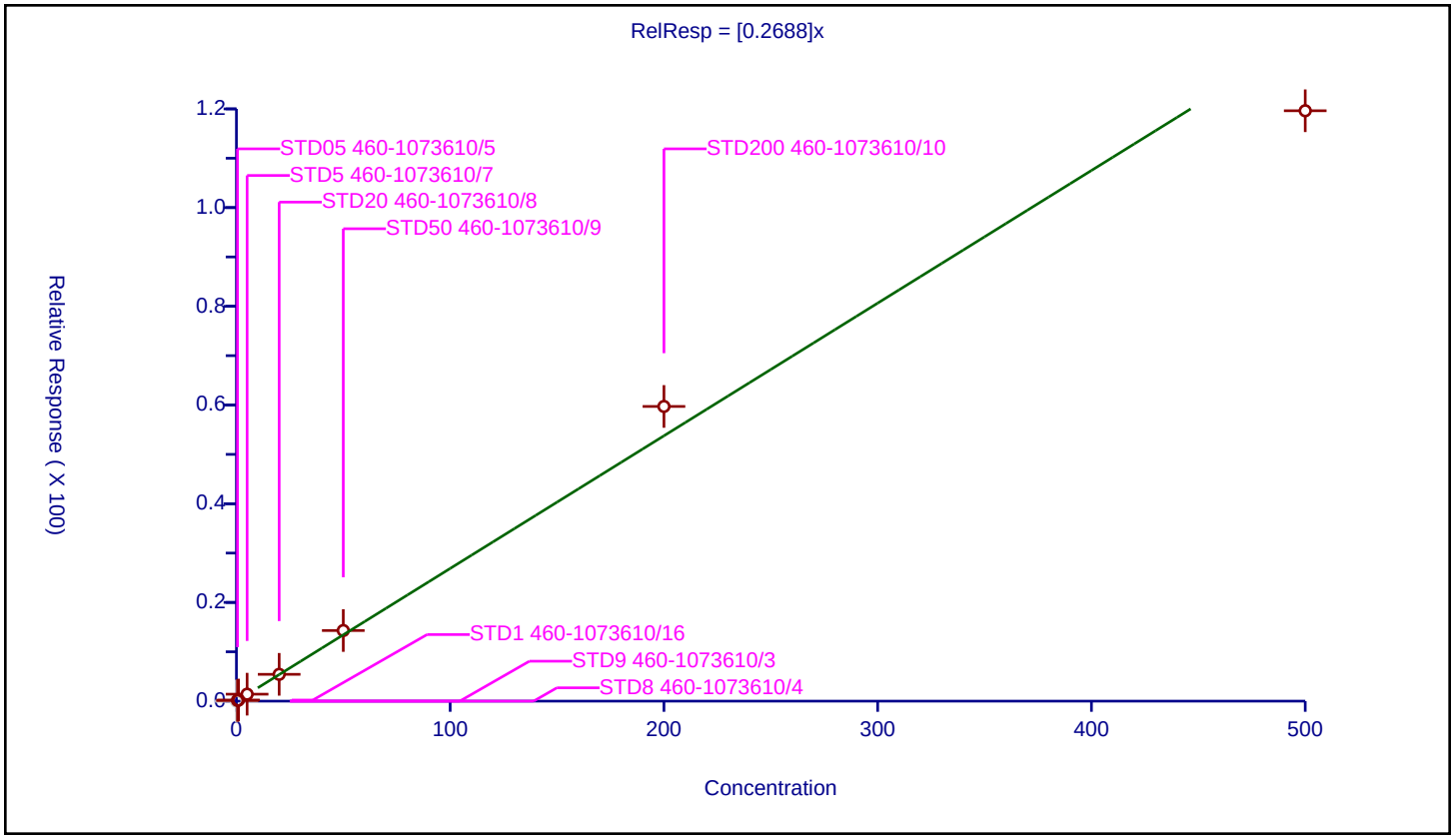
Curve Coefficients

Intercept:	0
Slope:	0.2688

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.142051	50.0	596265.0	0.284102	Y
4	STD1 460-1073610/16	1.0	0.220159	50.0	593436.0	0.220159	Y
5	STD5 460-1073610/7	5.0	1.409606	50.0	619535.0	0.281921	Y
6	STD20 460-1073610/8	20.0	5.430542	50.0	628777.0	0.271527	Y
7	STD50 460-1073610/9	50.0	14.307783	50.0	624681.0	0.286156	Y
8	STD200 460-1073610/10	200.0	59.708023	50.0	611350.0	0.29854	Y
9	STD500 460-1073610/11	500.0	119.621452	50.0	609091.0	0.239243	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

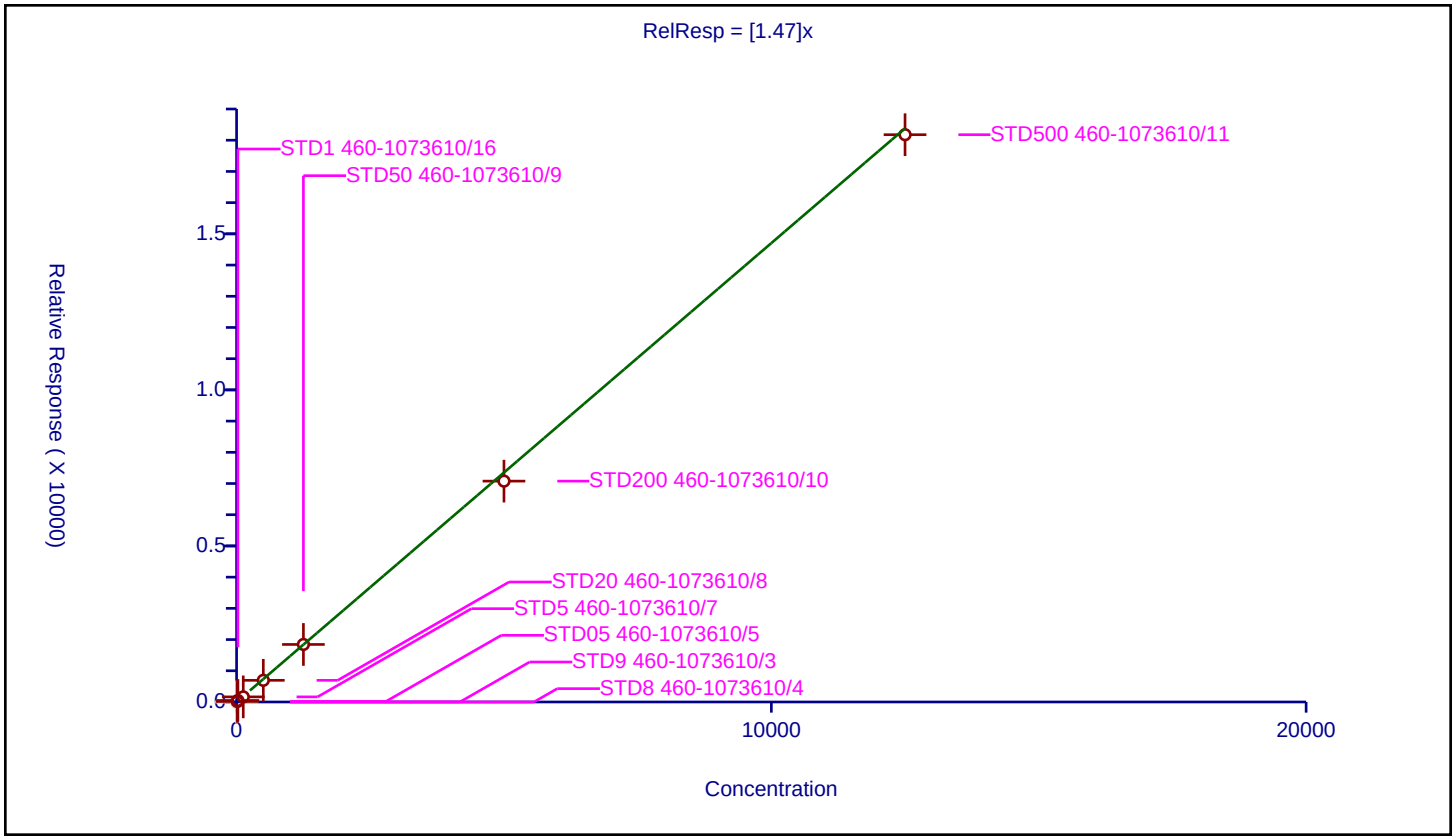
Curve Coefficients

Intercept:	0
Slope:	1.47

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	1000.0	36629.0	NaN	N
2	STD9 460-1073610/3	5.0	0.0	1000.0	34298.0	0.0	N
3	STD05 460-1073610/5	12.5	16.581829	1000.0	38898.0	1.326546	Y
4	STD1 460-1073610/16	25.0	48.125558	1000.0	40332.0	1.925022	Y
5	STD5 460-1073610/7	125.0	163.466886	1000.0	37763.0	1.307735	Y
6	STD20 460-1073610/8	500.0	694.441506	1000.0	37816.0	1.388883	Y
7	STD50 460-1073610/9	1250.0	1843.774341	1000.0	35948.0	1.475019	Y
8	STD200 460-1073610/10	5000.0	7077.343706	1000.0	35478.0	1.415469	Y
9	STD500 460-1073610/11	12500.0	18177.043106	1000.0	38324.0	1.454163	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

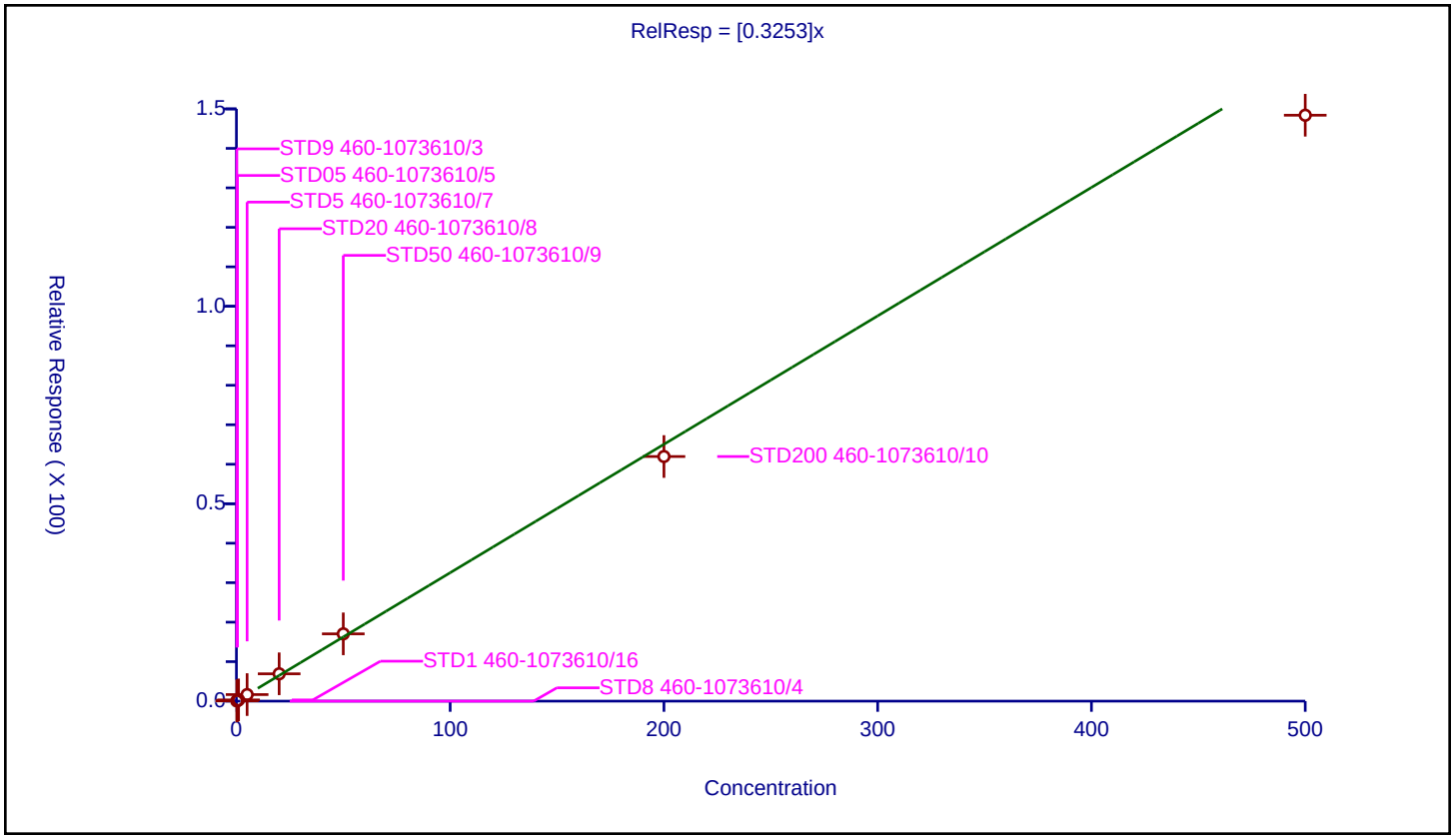
Curve Coefficients

Intercept:	0
Slope:	0.3253

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.068326	50.0	599334.0	0.341629	Y
3	STD05 460-1073610/5	0.5	0.163686	50.0	596265.0	0.327371	Y
4	STD1 460-1073610/16	1.0	0.307363	50.0	593436.0	0.307363	Y
5	STD5 460-1073610/7	5.0	1.660277	50.0	619535.0	0.332055	Y
6	STD20 460-1073610/8	20.0	6.922486	50.0	628777.0	0.346124	Y
7	STD50 460-1073610/9	50.0	17.04494	50.0	624681.0	0.340899	Y
8	STD200 460-1073610/10	200.0	61.956572	50.0	611350.0	0.309783	Y
9	STD500 460-1073610/11	500.0	148.396135	50.0	609091.0	0.296792	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

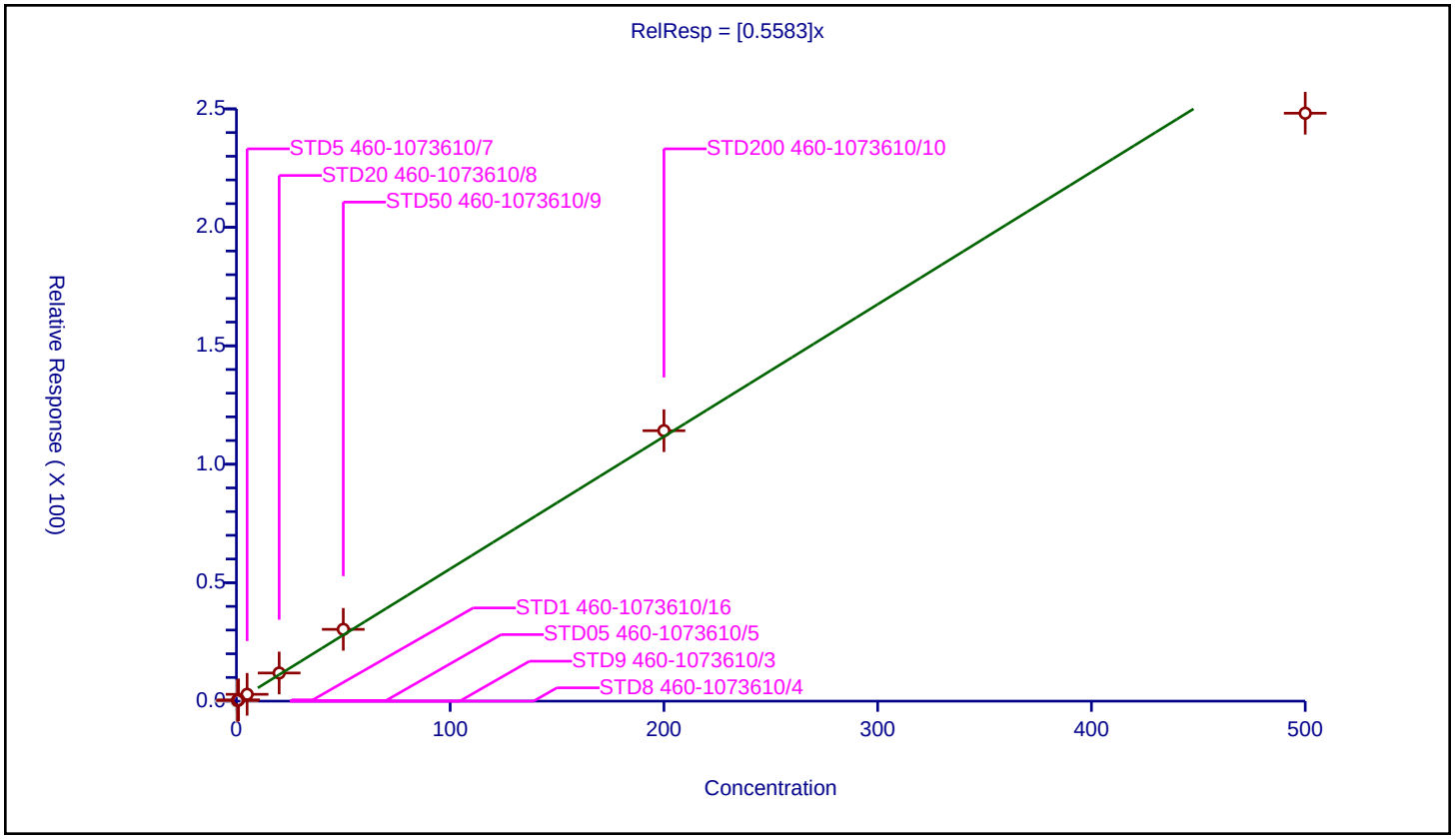
Curve Coefficients

Intercept:	0
Slope:	0.5583

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.261126	50.0	596265.0	0.522251	Y
4	STD1 460-1073610/16	1.0	0.54235	50.0	593436.0	0.54235	Y
5	STD5 460-1073610/7	5.0	2.883614	50.0	619535.0	0.576723	Y
6	STD20 460-1073610/8	20.0	11.873764	50.0	628777.0	0.593688	Y
7	STD50 460-1073610/9	50.0	30.306188	50.0	624681.0	0.606124	Y
8	STD200 460-1073610/10	200.0	114.166271	50.0	611350.0	0.570831	Y
9	STD500 460-1073610/11	500.0	248.170142	50.0	609091.0	0.49634	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

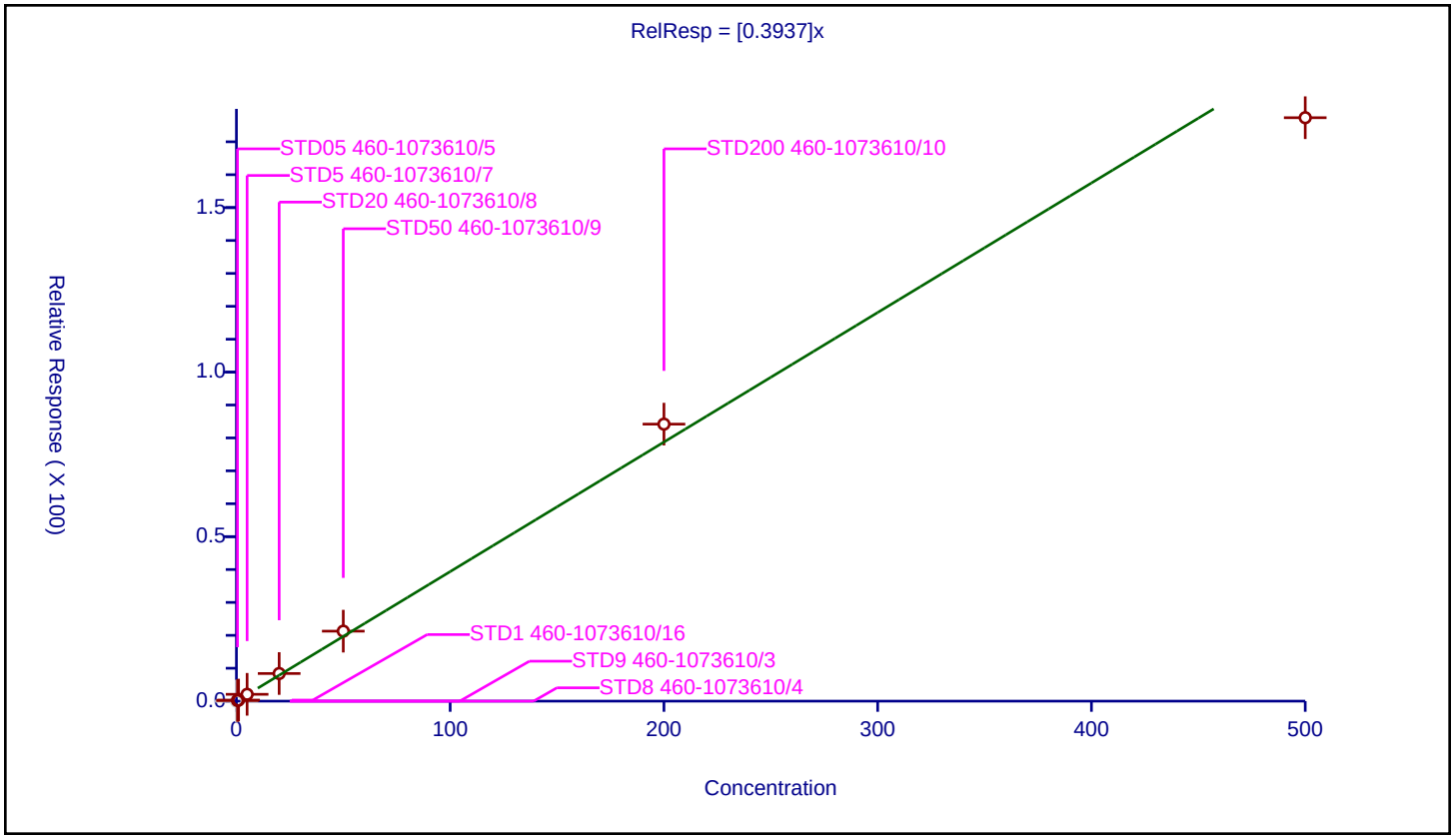
Curve Coefficients

Intercept:	0
Slope:	0.3937

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.201756	50.0	596265.0	0.403512	Y
4	STD1 460-1073610/16	1.0	0.315957	50.0	593436.0	0.315957	Y
5	STD5 460-1073610/7	5.0	2.077607	50.0	619535.0	0.415521	Y
6	STD20 460-1073610/8	20.0	8.399321	50.0	628777.0	0.419966	Y
7	STD50 460-1073610/9	50.0	21.268616	50.0	624681.0	0.425372	Y
8	STD200 460-1073610/10	200.0	84.193752	50.0	611350.0	0.420969	Y
9	STD500 460-1073610/11	500.0	177.318742	50.0	609091.0	0.354637	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

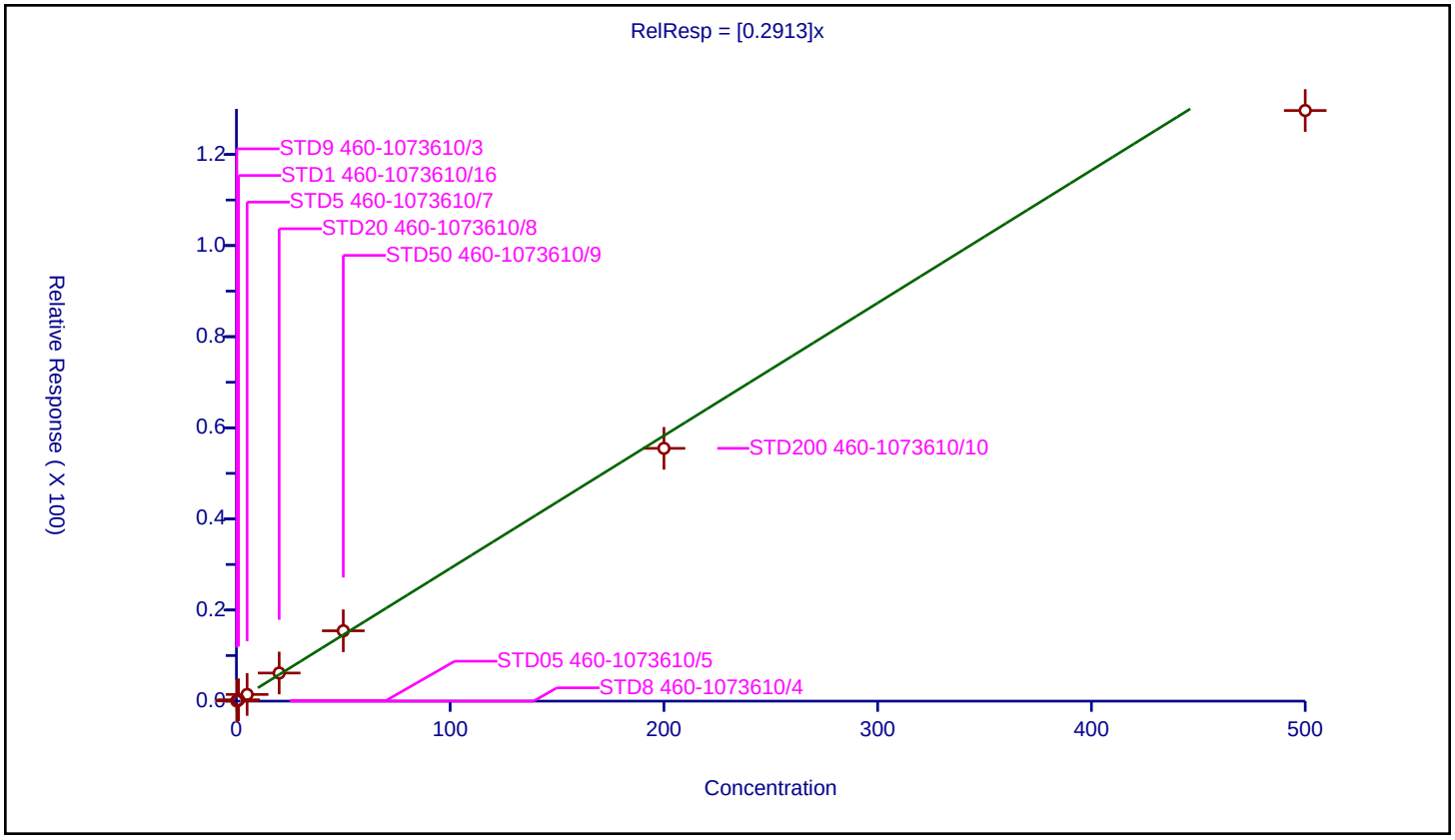
Curve Coefficients

Intercept:	0
Slope:	0.2913

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.06282	50.0	599334.0	0.314099	Y
3	STD05 460-1073610/5	0.5	0.13769	50.0	596265.0	0.275381	Y
4	STD1 460-1073610/16	1.0	0.293545	50.0	593436.0	0.293545	Y
5	STD5 460-1073610/7	5.0	1.467149	50.0	619535.0	0.29343	Y
6	STD20 460-1073610/8	20.0	6.172936	50.0	628777.0	0.308647	Y
7	STD50 460-1073610/9	50.0	15.440921	50.0	624681.0	0.308818	Y
8	STD200 460-1073610/10	200.0	55.491699	50.0	611350.0	0.277458	Y
9	STD500 460-1073610/11	500.0	129.644257	50.0	609091.0	0.259289	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

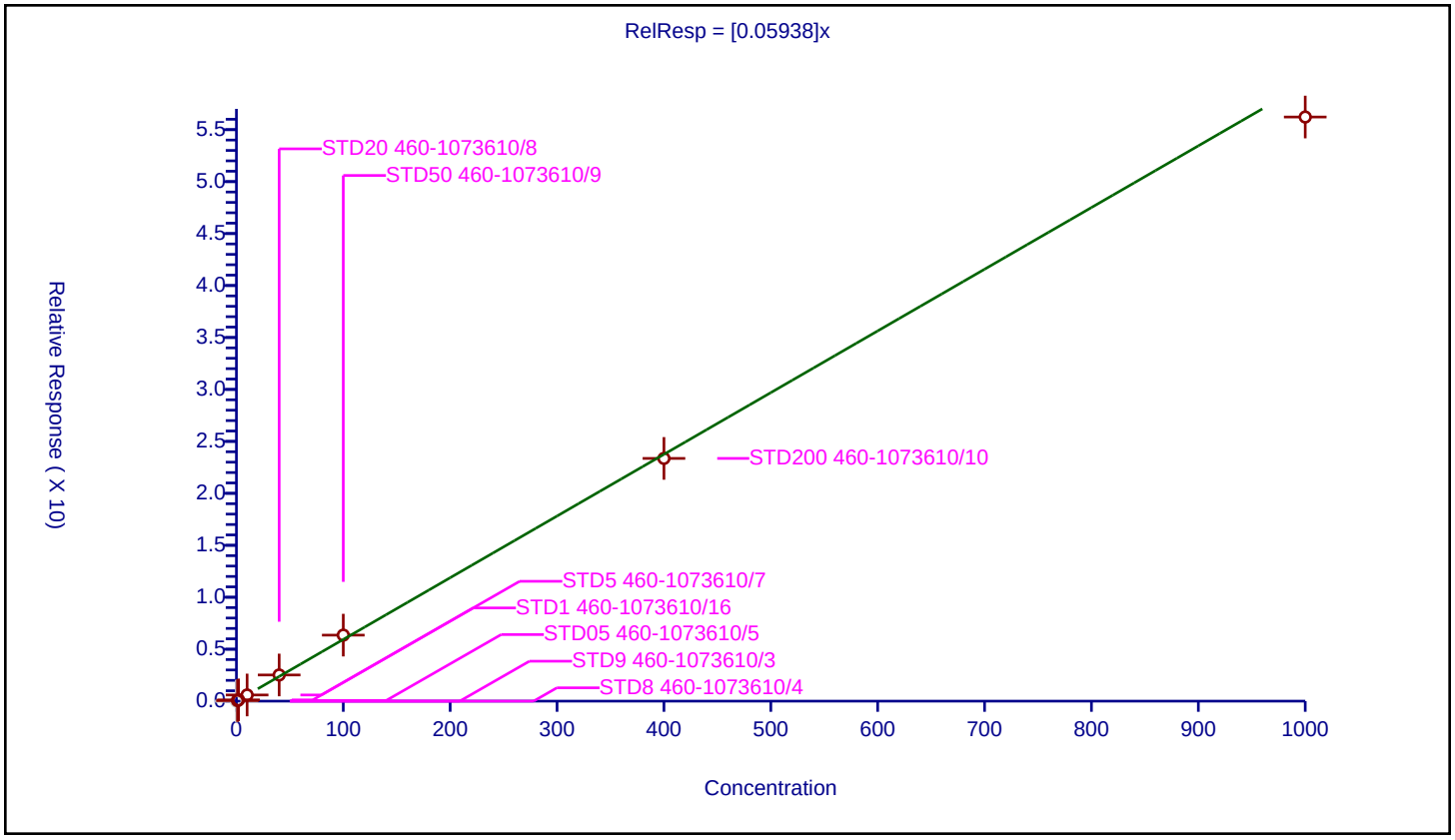
Curve Coefficients

Intercept:	0
Slope:	0.05938

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.4	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	1.0	0.056099	50.0	596265.0	0.056099	Y
4	STD1 460-1073610/16	2.0	0.118126	50.0	593436.0	0.059063	Y
5	STD5 460-1073610/7	10.0	0.593752	50.0	619535.0	0.059375	Y
6	STD20 460-1073610/8	40.0	2.519494	50.0	628777.0	0.062987	Y
7	STD50 460-1073610/9	100.0	6.354203	50.0	624681.0	0.063542	Y
8	STD200 460-1073610/10	400.0	23.360923	50.0	611350.0	0.058402	Y
9	STD500 460-1073610/11	1000.0	56.21738	50.0	609091.0	0.056217	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

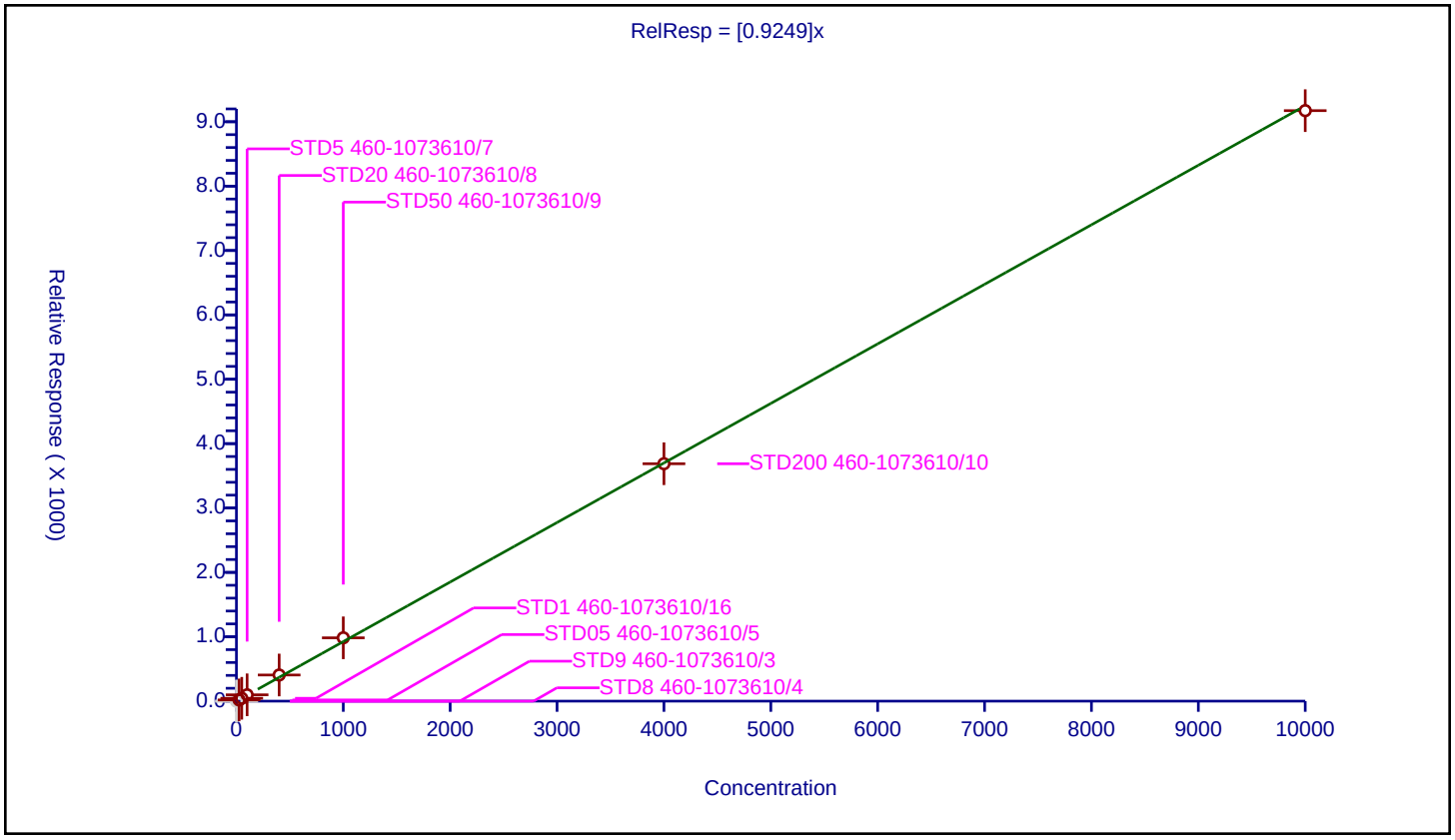
Curve Coefficients

Intercept:	0
Slope:	0.9249

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	1000.0	25617.0	NaN	N
2	STD9 460-1073610/3	4.0	0.0	1000.0	25130.0	0.0	N
3	STD05 460-1073610/5	25.0	18.979704	1000.0	27345.0	0.759188	Y
4	STD1 460-1073610/16	50.0	44.637497	1000.0	28317.0	0.89275	Y
5	STD5 460-1073610/7	100.0	98.393278	1000.0	27136.0	0.983933	Y
6	STD20 460-1073610/8	400.0	406.269685	1000.0	26987.0	1.015674	Y
7	STD50 460-1073610/9	1000.0	983.795046	1000.0	25918.0	0.983795	Y
8	STD200 460-1073610/10	4000.0	3687.958789	1000.0	23295.0	0.92199	Y
9	STD500 460-1073610/11	10000.0	9172.730644	1000.0	24269.0	0.917273	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

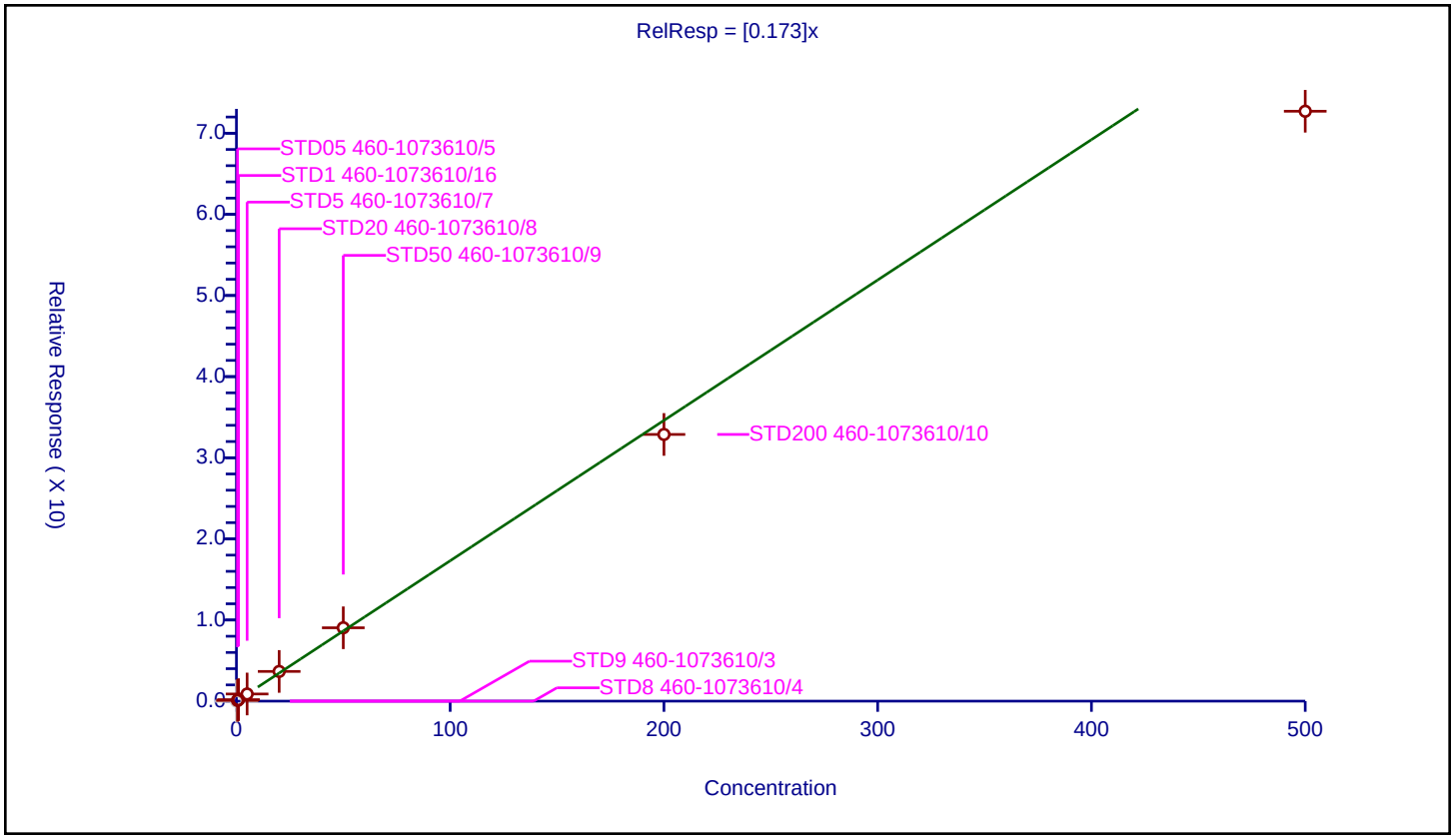
Curve Coefficients

Intercept:	0
Slope:	0.173

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.089641	50.0	596265.0	0.179283	Y
4	STD1 460-1073610/16	1.0	0.181907	50.0	593436.0	0.181907	Y
5	STD5 460-1073610/7	5.0	0.881306	50.0	619535.0	0.176261	Y
6	STD20 460-1073610/8	20.0	3.660757	50.0	628777.0	0.183038	Y
7	STD50 460-1073610/9	50.0	9.043576	50.0	624681.0	0.180872	Y
8	STD200 460-1073610/10	200.0	32.871596	50.0	611350.0	0.164358	Y
9	STD500 460-1073610/11	500.0	72.7104	50.0	609091.0	0.145421	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

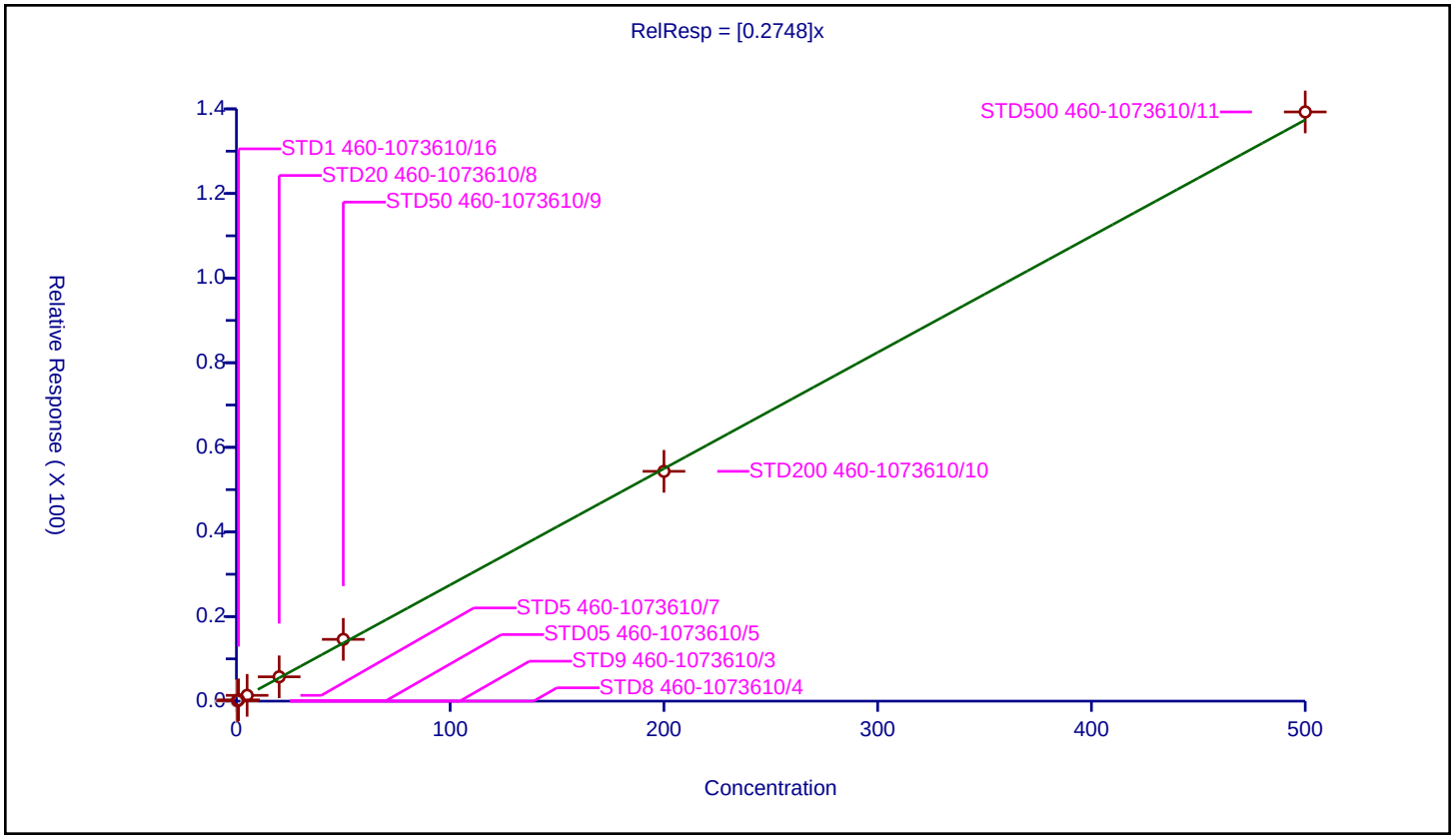
Curve Coefficients

Intercept:	0
Slope:	0.2748

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	599334.0	0.0	N
3	STD05 460-1073610/5	0.5	0.111024	50.0	596265.0	0.222049	Y
4	STD1 460-1073610/16	1.0	0.297589	50.0	593436.0	0.297589	Y
5	STD5 460-1073610/7	5.0	1.370867	50.0	619535.0	0.274173	Y
6	STD20 460-1073610/8	20.0	5.751801	50.0	628777.0	0.28759	Y
7	STD50 460-1073610/9	50.0	14.603614	50.0	624681.0	0.292072	Y
8	STD200 460-1073610/10	200.0	54.323873	50.0	611350.0	0.271619	Y
9	STD500 460-1073610/11	500.0	139.280337	50.0	609091.0	0.278561	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

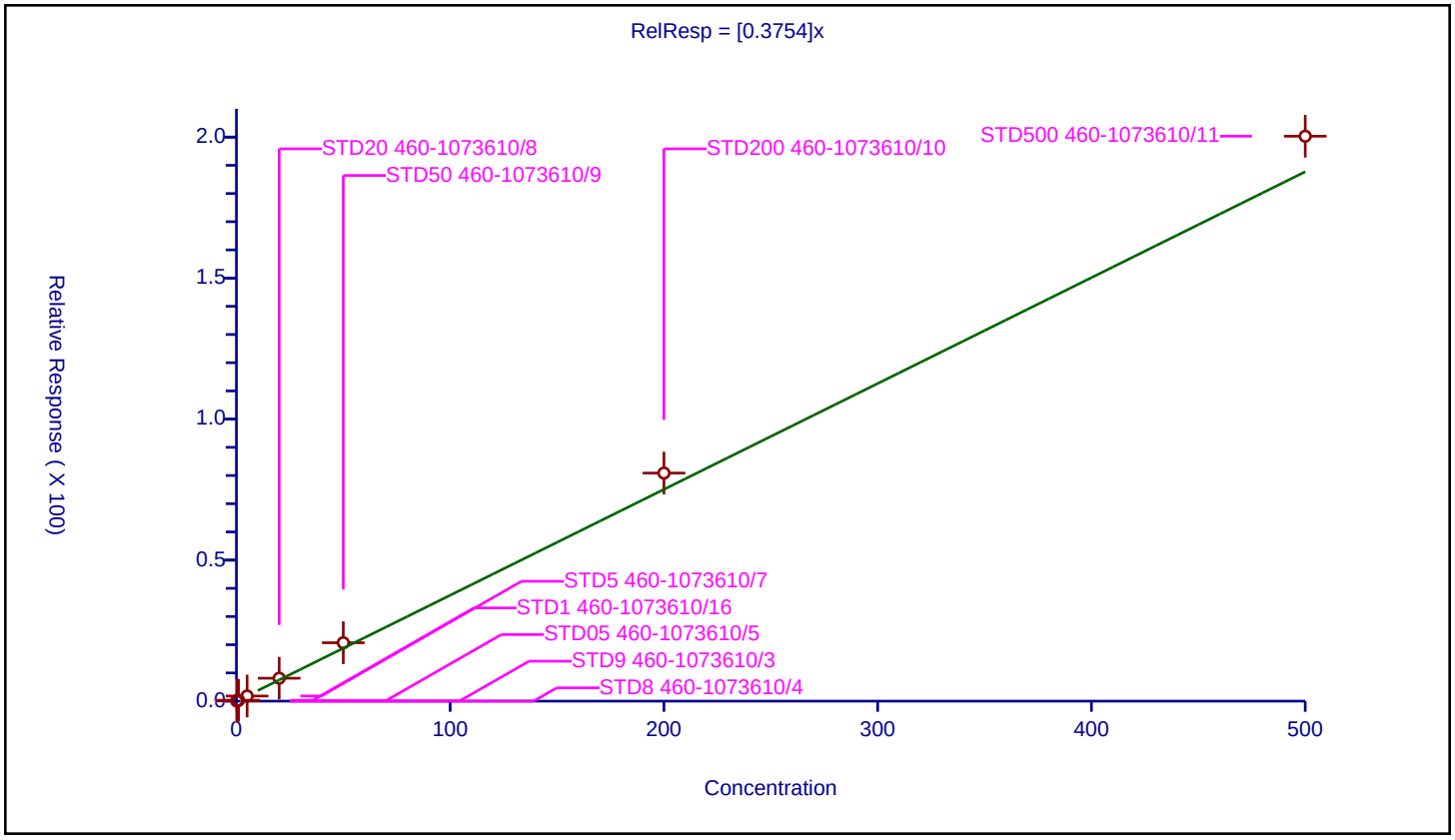
Curve Coefficients

Intercept:	0
Slope:	0.3754

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	601573.0	NaN	N
2	STD9 460-1073610/3	0.2	0.070578	50.0	599334.0	0.352892	Y
3	STD05 460-1073610/5	0.5	0.170729	50.0	596265.0	0.341459	Y
4	STD1 460-1073610/16	1.0	0.320591	50.0	593436.0	0.320591	Y
5	STD5 460-1073610/7	5.0	1.816847	50.0	619535.0	0.363369	Y
6	STD20 460-1073610/8	20.0	8.121957	50.0	628777.0	0.406098	Y
7	STD50 460-1073610/9	50.0	20.701286	50.0	624681.0	0.414026	Y
8	STD200 460-1073610/10	200.0	80.860309	50.0	611350.0	0.404302	Y
9	STD500 460-1073610/11	500.0	200.305948	50.0	609091.0	0.400612	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

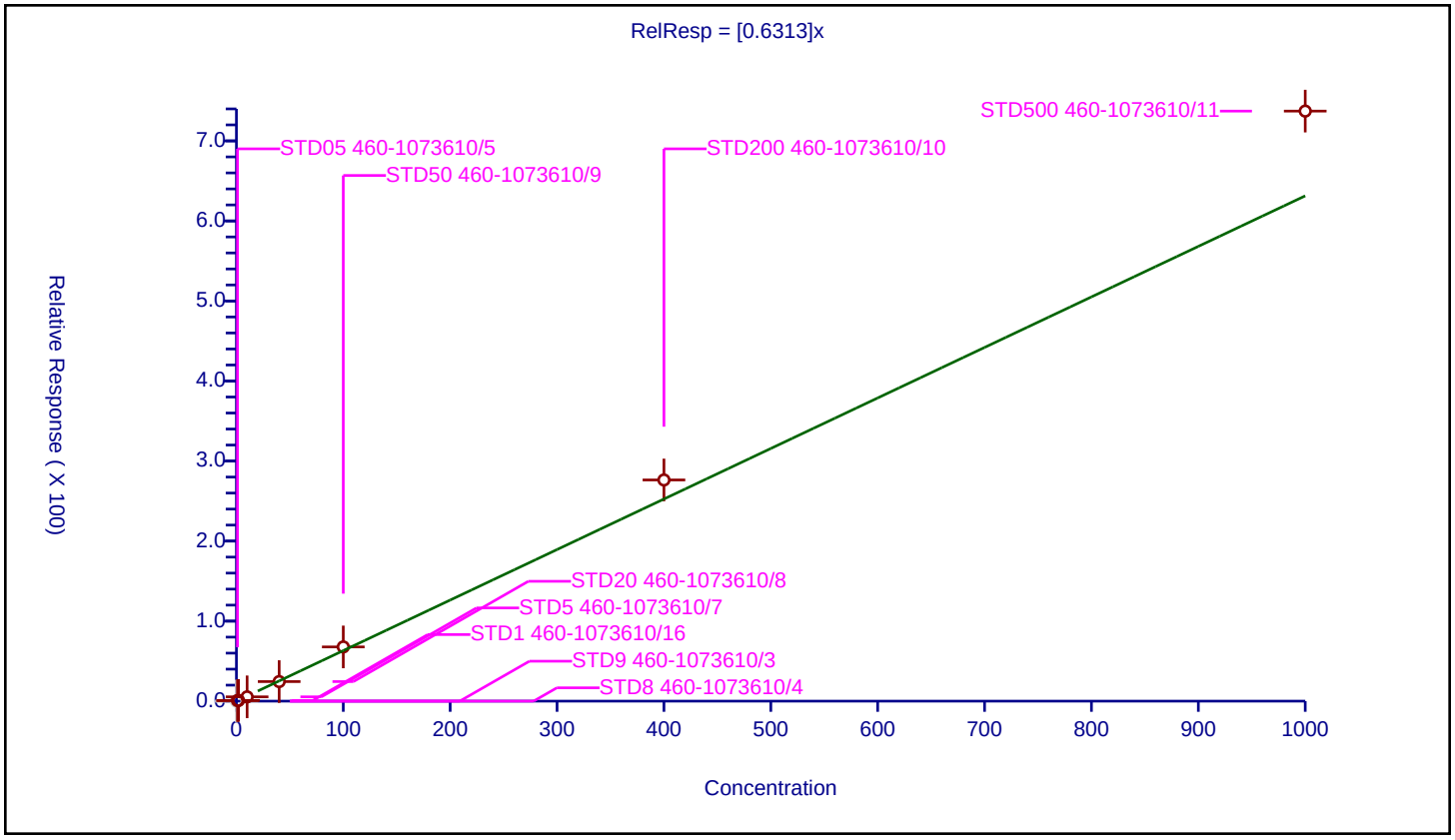
Curve Coefficients

Intercept:	0
Slope:	0.6313

Error Coefficients

Relative Standard Deviation:	17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	250.0	262117.0	NaN	N
2	STD9 460-1073610/3	0.4	0.0	250.0	252276.0	0.0	N
3	STD05 460-1073610/5	1.0	0.722807	250.0	268398.0	0.722807	Y
4	STD1 460-1073610/16	2.0	0.887826	250.0	286937.0	0.443913	Y
5	STD5 460-1073610/7	10.0	5.357693	250.0	272552.0	0.535769	Y
6	STD20 460-1073610/8	40.0	24.452209	250.0	271591.0	0.611305	Y
7	STD50 460-1073610/9	100.0	67.749363	250.0	267080.0	0.677494	Y
8	STD200 460-1073610/10	400.0	276.348646	250.0	255497.0	0.690872	Y
9	STD500 460-1073610/11	1000.0	737.231427	250.0	253004.0	0.737231	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

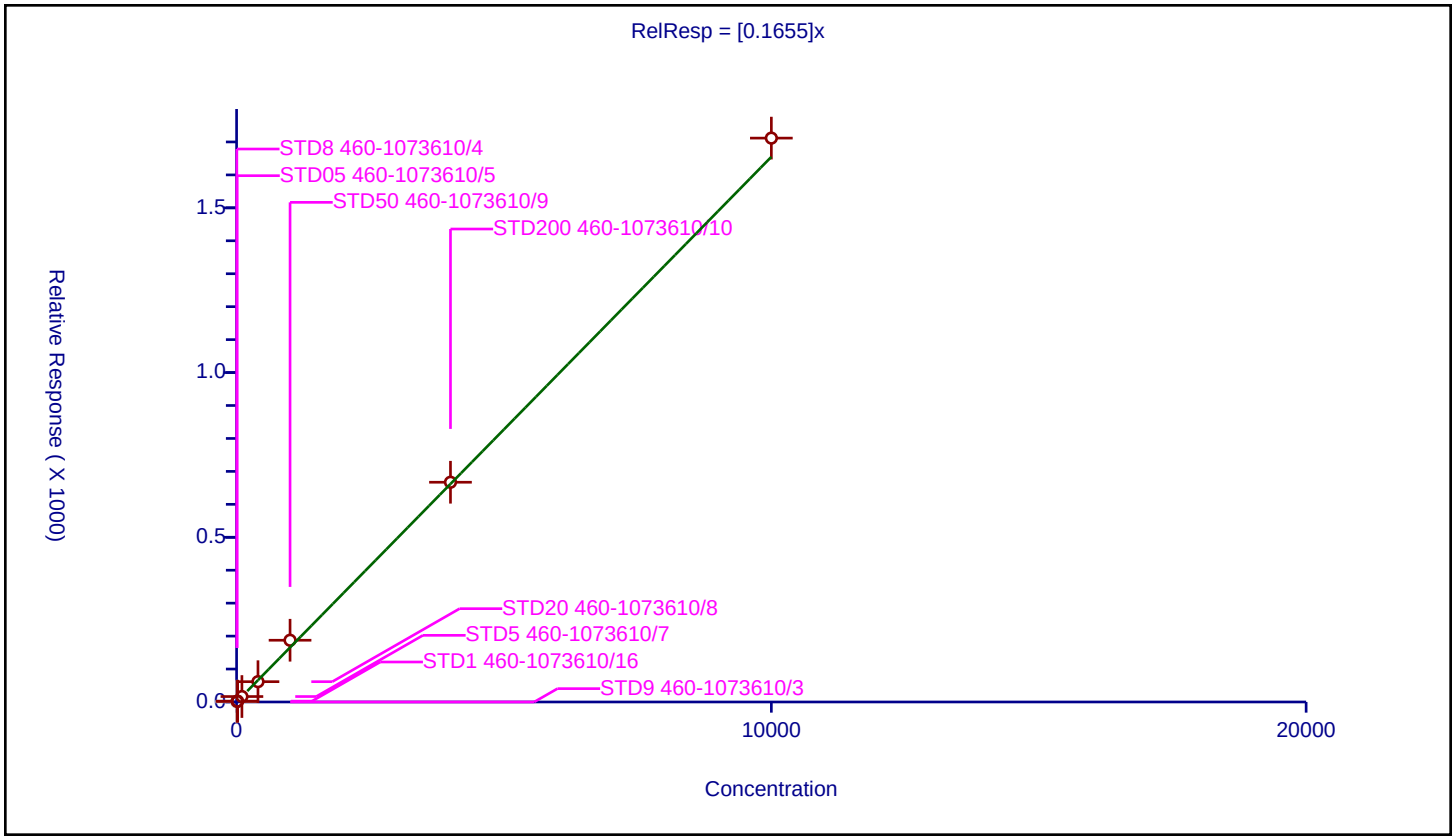
Curve Coefficients

Intercept:	0
Slope:	0.1655

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	4.000007	0.0	250.0	252276.0	0.0	N
2	STD8 460-1073610/4	5.000009	2.291915	250.0	262117.0	0.458382	N
3	STD05 460-1073610/5	10.000017	1.864768	250.0	268398.0	0.186476	Y
4	STD1 460-1073610/16	20.000035	2.538885	250.0	286937.0	0.126944	Y
5	STD5 460-1073610/7	100.000173	16.543632	250.0	272552.0	0.165436	Y
6	STD20 460-1073610/8	400.000692	61.655209	250.0	271591.0	0.154138	Y
7	STD50 460-1073610/9	1000.00173	187.412947	250.0	267080.0	0.187413	Y
8	STD200 460-1073610/10	4000.00692	667.038165	250.0	255497.0	0.166759	Y
9	STD500 460-1073610/11	10000.0173	1711.714044	250.0	253004.0	0.171171	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

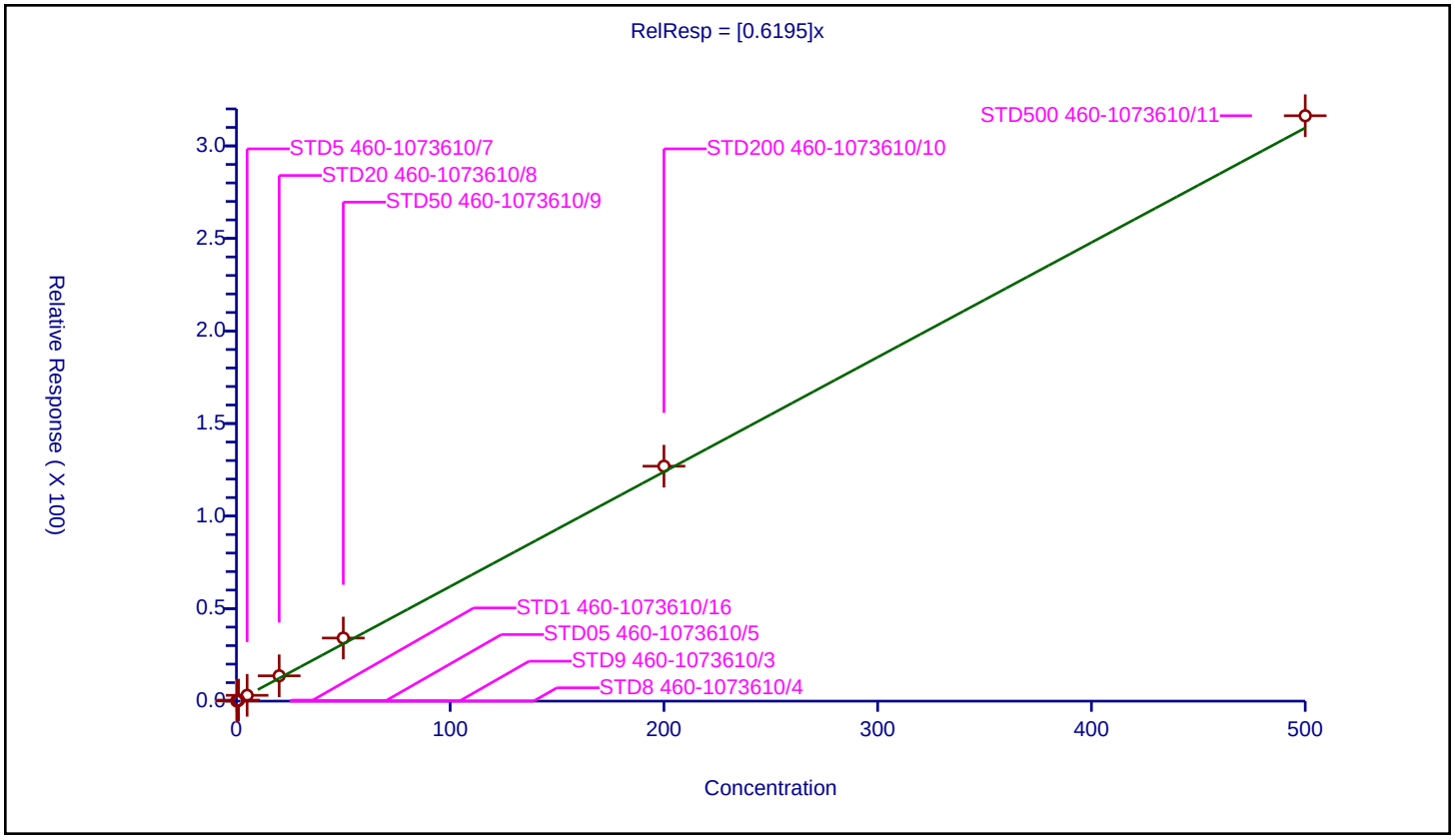
Curve Coefficients

Intercept:	0
Slope:	0.6195

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.118746	50.0	463173.0	0.593731	Y
3	STD05 460-1073610/5	0.5	0.282674	50.0	464139.0	0.565348	Y
4	STD1 460-1073610/16	1.0	0.534303	50.0	457138.0	0.534303	Y
5	STD5 460-1073610/7	5.0	3.148645	50.0	474998.0	0.629729	Y
6	STD20 460-1073610/8	20.0	13.675302	50.0	481185.0	0.683765	Y
7	STD50 460-1073610/9	50.0	34.085447	50.0	479759.0	0.681709	Y
8	STD200 460-1073610/10	200.0	126.941809	50.0	469163.0	0.634709	Y
9	STD500 460-1073610/11	500.0	316.304828	50.0	446331.0	0.63261	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

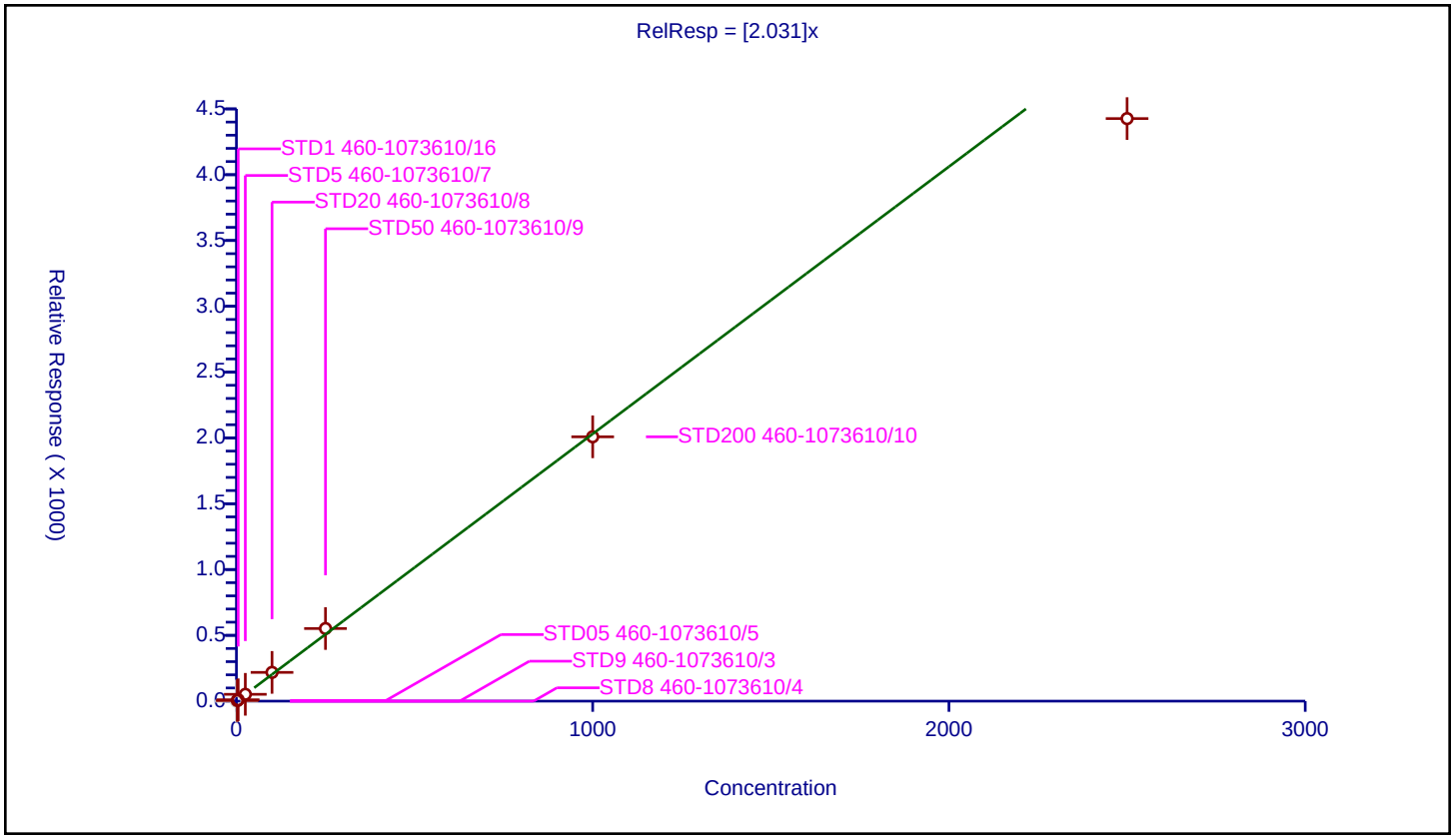
Curve Coefficients

Intercept:	0
Slope:	2.031

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	250.0	262117.0	NaN	N
2	STD9 460-1073610/3	1.0	0.0	250.0	252276.0	0.0	N
3	STD05 460-1073610/5	2.5	4.742025	250.0	268398.0	1.89681	Y
4	STD1 460-1073610/16	5.0	10.355932	250.0	286937.0	2.071186	Y
5	STD5 460-1073610/7	25.0	51.870836	250.0	272552.0	2.074833	Y
6	STD20 460-1073610/8	100.0	218.514236	250.0	271591.0	2.185142	Y
7	STD50 460-1073610/9	250.0	551.770069	250.0	267080.0	2.20708	Y
8	STD200 460-1073610/10	1000.0	2008.449219	250.0	255497.0	2.008449	Y
9	STD500 460-1073610/11	2500.0	4426.362824	250.0	253004.0	1.770545	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

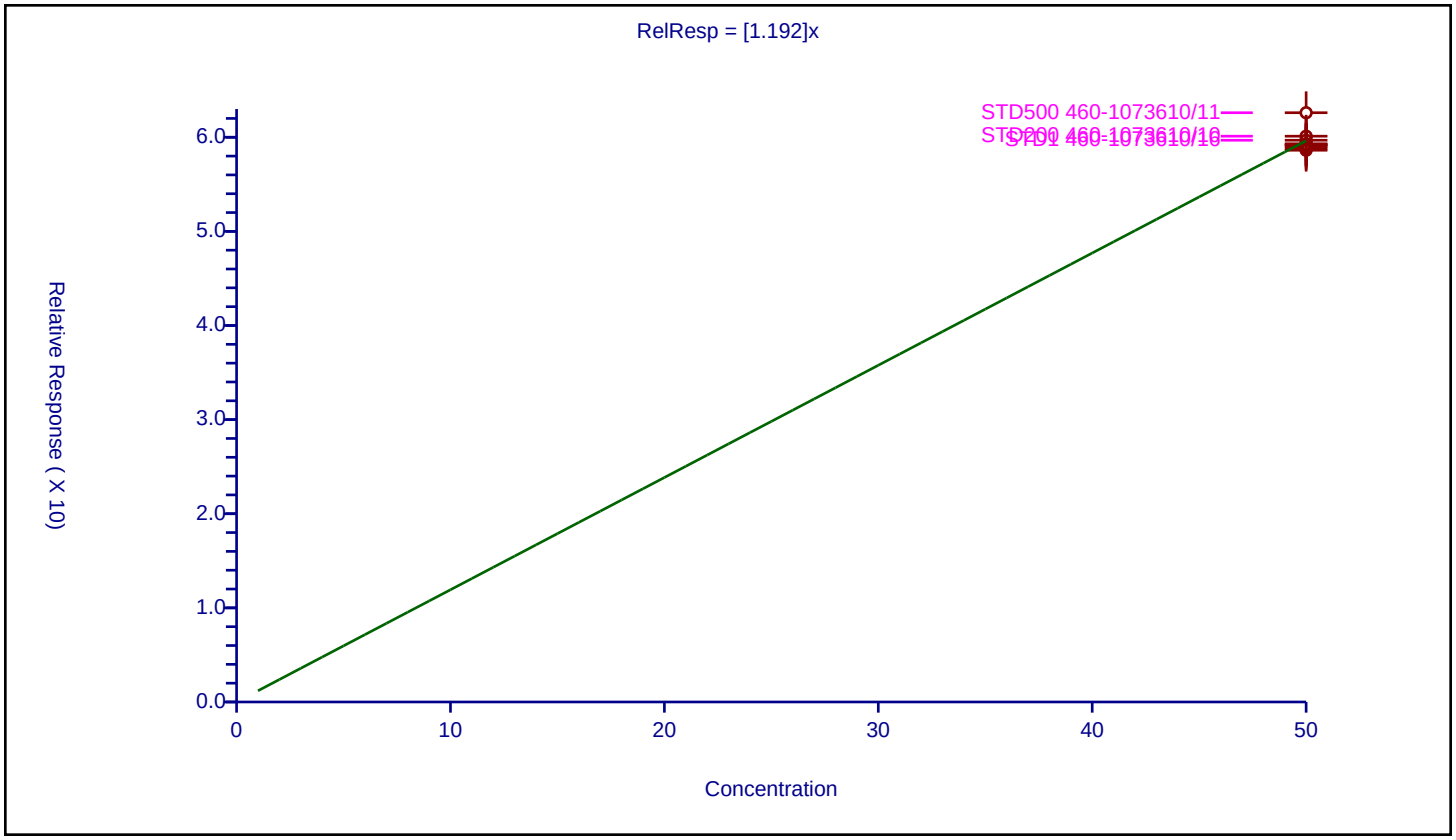
Curve Coefficients

Intercept:	0
Slope:	1.192

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	50.0	58.819491	50.0	463173.0	1.17639	Y
2	STD8 460-1073610/4	50.0	58.619223	50.0	464195.0	1.172384	Y
3	STD05 460-1073610/5	50.0	59.040288	50.0	464139.0	1.180806	Y
4	STD5 460-1073610/7	50.0	59.309408	50.0	474998.0	1.186188	Y
5	STD20 460-1073610/8	50.0	59.247171	50.0	481185.0	1.184943	Y
6	STD50 460-1073610/9	50.0	59.155639	50.0	479759.0	1.183113	Y
7	STD200 460-1073610/10	50.0	60.111944	50.0	469163.0	1.202239	Y
8	STD500 460-1073610/11	50.0	62.606227	50.0	446331.0	1.252125	Y
9	STD1 460-1073610/16	50.0	59.682525	50.0	457138.0	1.19365	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

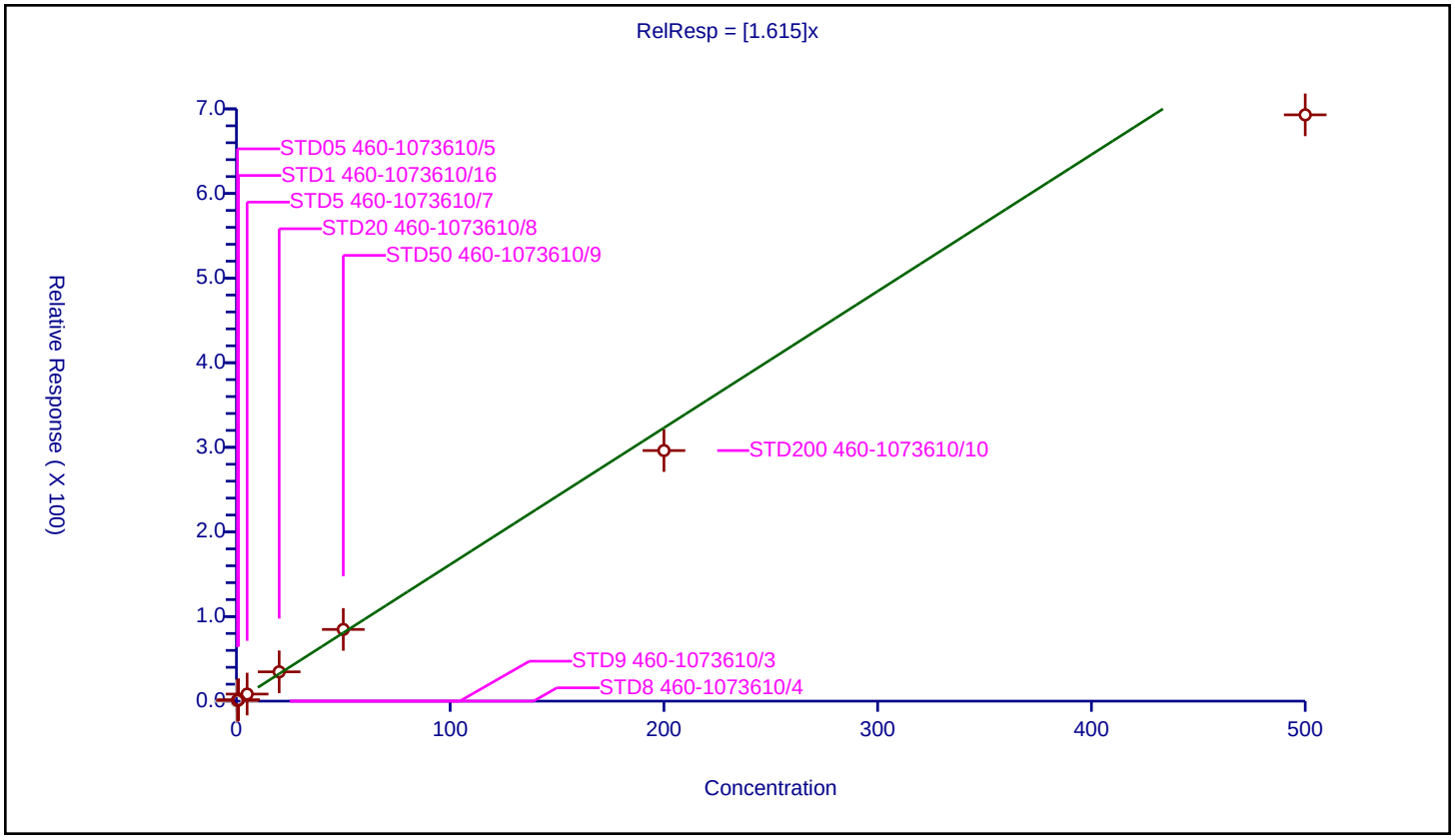
Curve Coefficients

Intercept:	0
Slope:	1.615

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	463173.0	0.0	N
3	STD05 460-1073610/5	0.5	0.8268	50.0	464139.0	1.653599	Y
4	STD1 460-1073610/16	1.0	1.687455	50.0	457138.0	1.687455	Y
5	STD5 460-1073610/7	5.0	8.345509	50.0	474998.0	1.669102	Y
6	STD20 460-1073610/8	20.0	34.646342	50.0	481185.0	1.732317	Y
7	STD50 460-1073610/9	50.0	84.756826	50.0	479759.0	1.695137	Y
8	STD200 460-1073610/10	200.0	296.180645	50.0	469163.0	1.480903	Y
9	STD500 460-1073610/11	500.0	692.976737	50.0	446331.0	1.385953	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

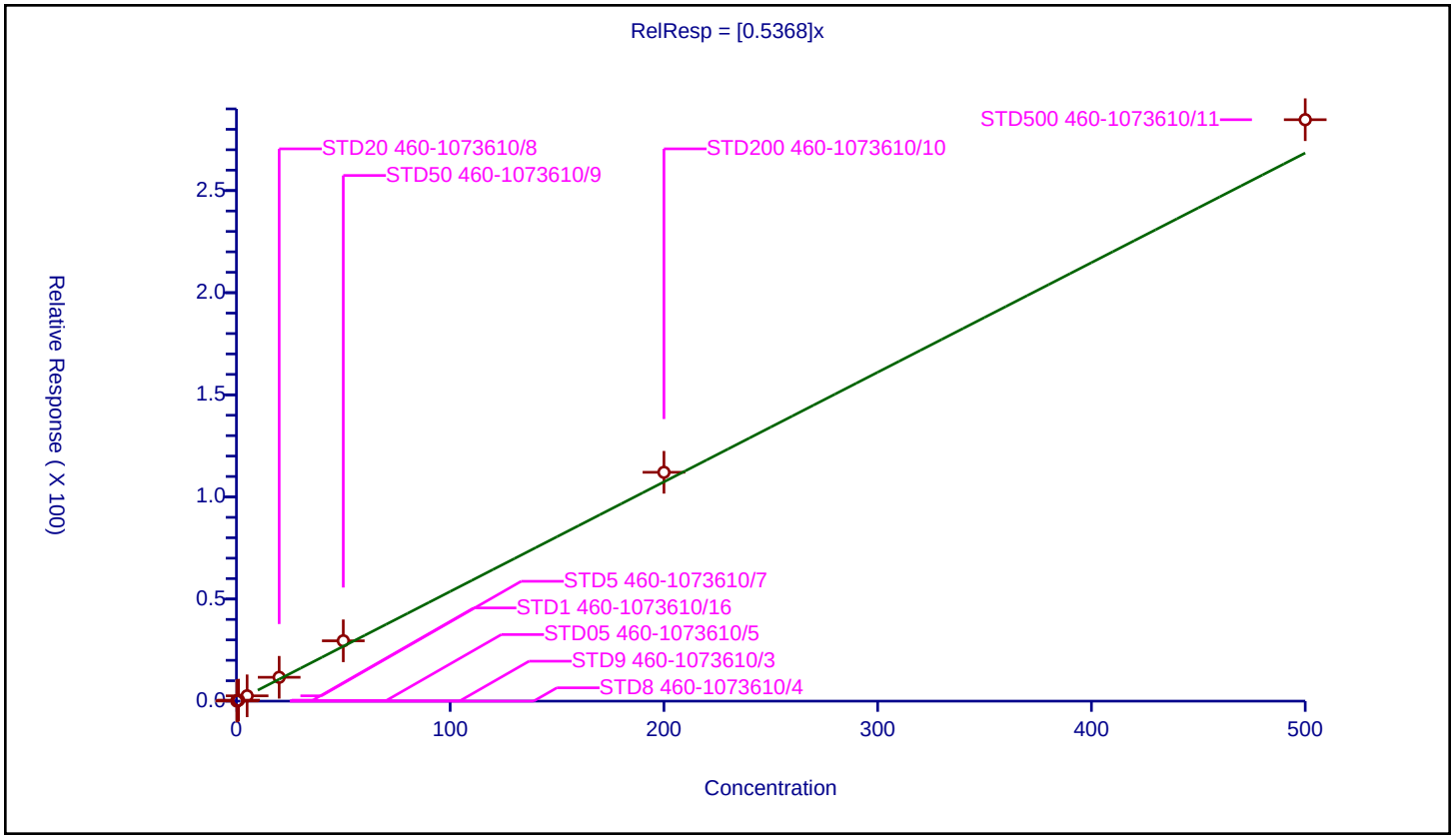
Curve Coefficients

Intercept:	0
Slope:	0.5368

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.100934	50.0	463173.0	0.504671	Y
3	STD05 460-1073610/5	0.5	0.241953	50.0	464139.0	0.483907	Y
4	STD1 460-1073610/16	1.0	0.481255	50.0	457138.0	0.481255	Y
5	STD5 460-1073610/7	5.0	2.598958	50.0	474998.0	0.519792	Y
6	STD20 460-1073610/8	20.0	11.683448	50.0	481185.0	0.584172	Y
7	STD50 460-1073610/9	50.0	29.542541	50.0	479759.0	0.590851	Y
8	STD200 460-1073610/10	200.0	112.059135	50.0	469163.0	0.560296	Y
9	STD500 460-1073610/11	500.0	284.703393	50.0	446331.0	0.569407	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

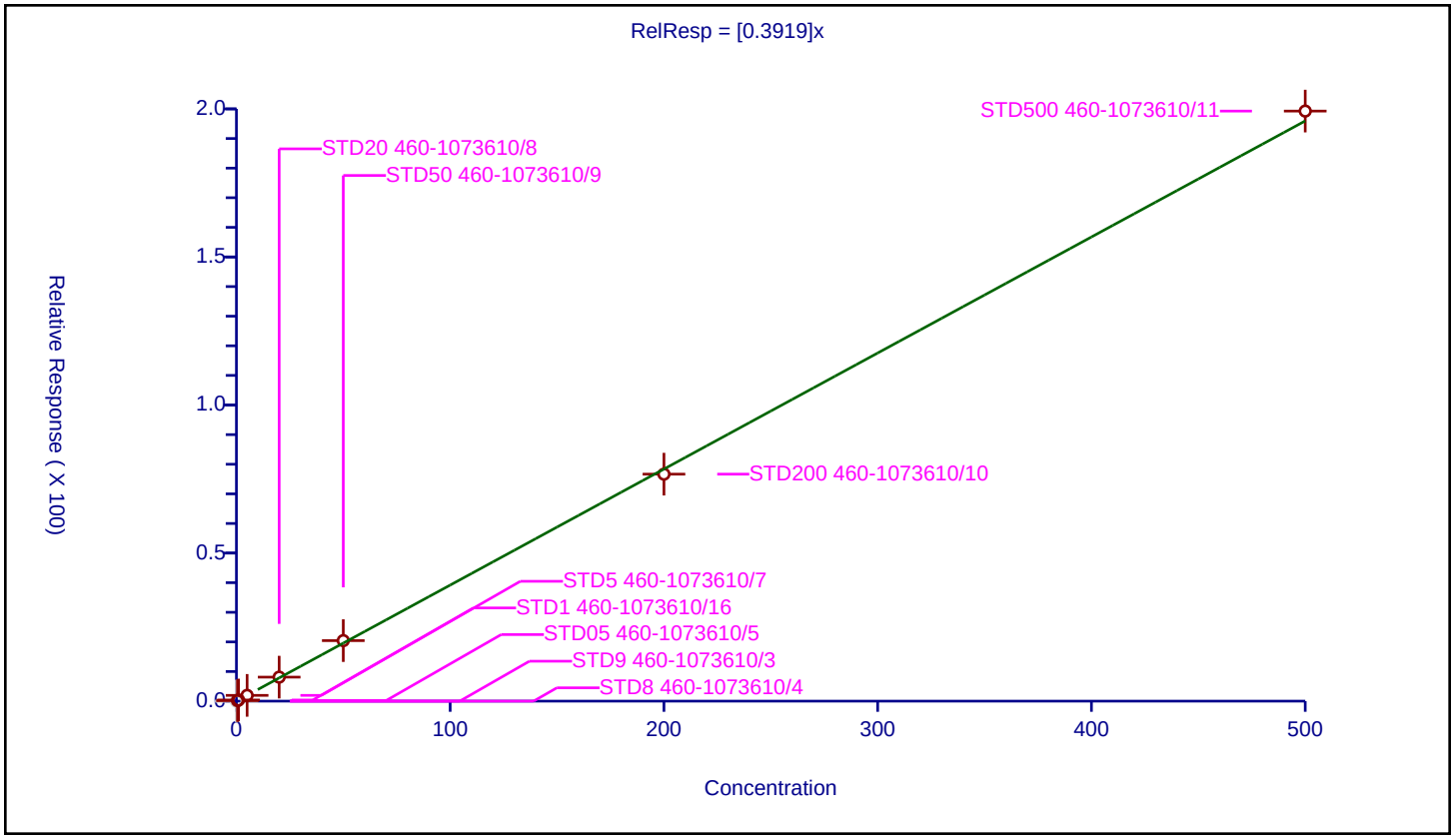
Curve Coefficients

Intercept:	0
Slope:	0.3919

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	463173.0	0.0	N
3	STD05 460-1073610/5	0.5	0.185397	50.0	464139.0	0.370794	Y
4	STD1 460-1073610/16	1.0	0.386426	50.0	457138.0	0.386426	Y
5	STD5 460-1073610/7	5.0	1.94885	50.0	474998.0	0.38977	Y
6	STD20 460-1073610/8	20.0	8.109771	50.0	481185.0	0.405489	Y
7	STD50 460-1073610/9	50.0	20.438491	50.0	479759.0	0.40877	Y
8	STD200 460-1073610/10	200.0	76.656088	50.0	469163.0	0.38328	Y
9	STD500 460-1073610/11	500.0	199.25963	50.0	446331.0	0.398519	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

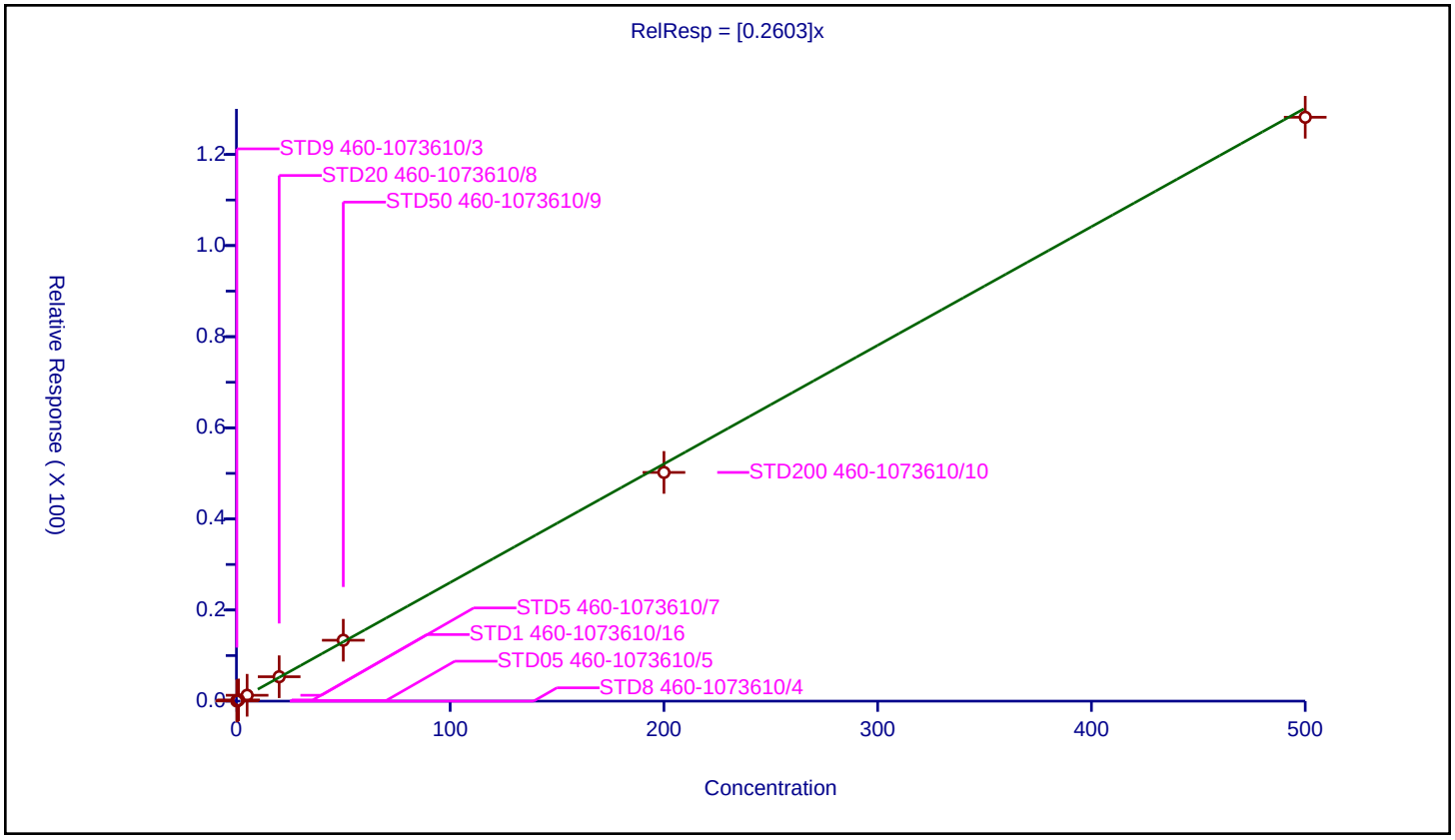
Curve Coefficients

Intercept:	0
Slope:	0.2603

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.056135	50.0	463173.0	0.280673	Y
3	STD05 460-1073610/5	0.5	0.121408	50.0	464139.0	0.242815	Y
4	STD1 460-1073610/16	1.0	0.259331	50.0	457138.0	0.259331	Y
5	STD5 460-1073610/7	5.0	1.287479	50.0	474998.0	0.257496	Y
6	STD20 460-1073610/8	20.0	5.355425	50.0	481185.0	0.267771	Y
7	STD50 460-1073610/9	50.0	13.367649	50.0	479759.0	0.267353	Y
8	STD200 460-1073610/10	200.0	50.20398	50.0	469163.0	0.25102	Y
9	STD500 460-1073610/11	500.0	128.162731	50.0	446331.0	0.256325	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

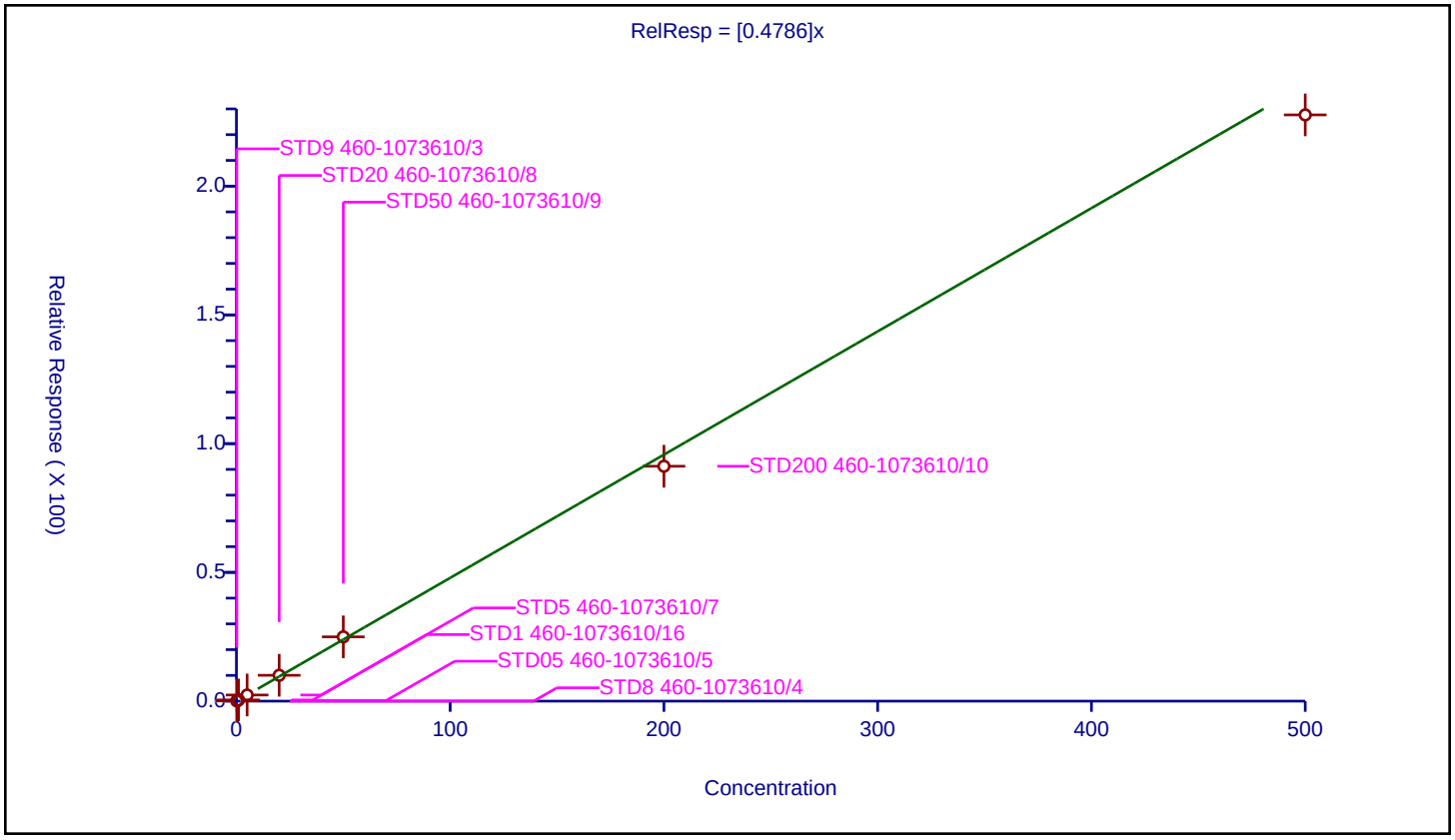
Curve Coefficients

Intercept:	0
Slope:	0.4786

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.107735	50.0	463173.0	0.538676	Y
3	STD05 460-1073610/5	0.5	0.219439	50.0	464139.0	0.438877	Y
4	STD1 460-1073610/16	1.0	0.460802	50.0	457138.0	0.460802	Y
5	STD5 460-1073610/7	5.0	2.388431	50.0	474998.0	0.477686	Y
6	STD20 460-1073610/8	20.0	10.042811	50.0	481185.0	0.502141	Y
7	STD50 460-1073610/9	50.0	24.965243	50.0	479759.0	0.499305	Y
8	STD200 460-1073610/10	200.0	91.225757	50.0	469163.0	0.456129	Y
9	STD500 460-1073610/11	500.0	227.673072	50.0	446331.0	0.455346	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

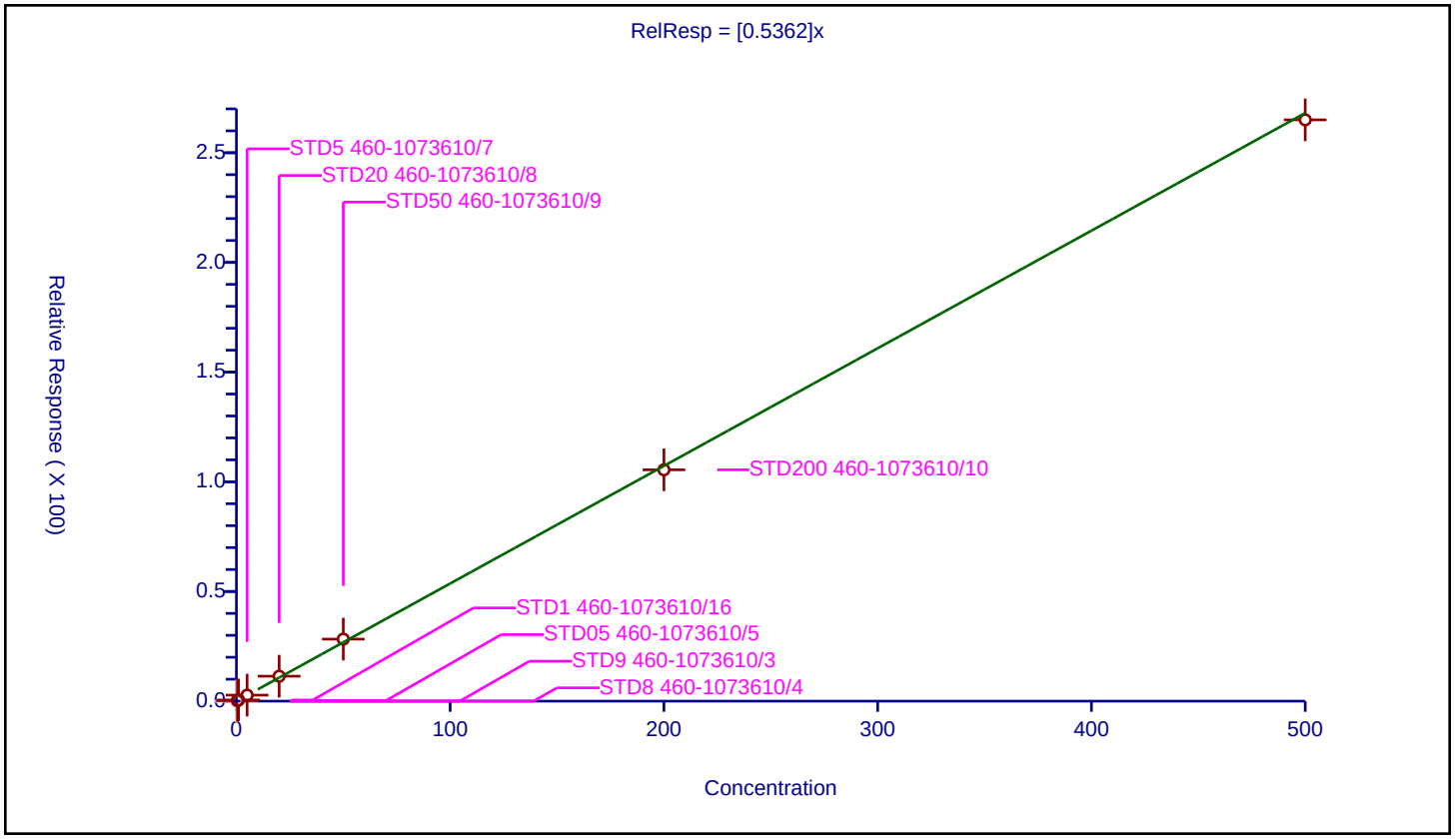
Curve Coefficients

Intercept:	0
Slope:	0.5362

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	463173.0	0.0	N
3	STD05 460-1073610/5	0.5	0.249817	50.0	464139.0	0.499635	Y
4	STD1 460-1073610/16	1.0	0.515599	50.0	457138.0	0.515599	Y
5	STD5 460-1073610/7	5.0	2.734959	50.0	474998.0	0.546992	Y
6	STD20 460-1073610/8	20.0	11.367042	50.0	481185.0	0.568352	Y
7	STD50 460-1073610/9	50.0	28.277844	50.0	479759.0	0.565557	Y
8	STD200 460-1073610/10	200.0	105.465904	50.0	469163.0	0.52733	Y
9	STD500 460-1073610/11	500.0	264.991901	50.0	446331.0	0.529984	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

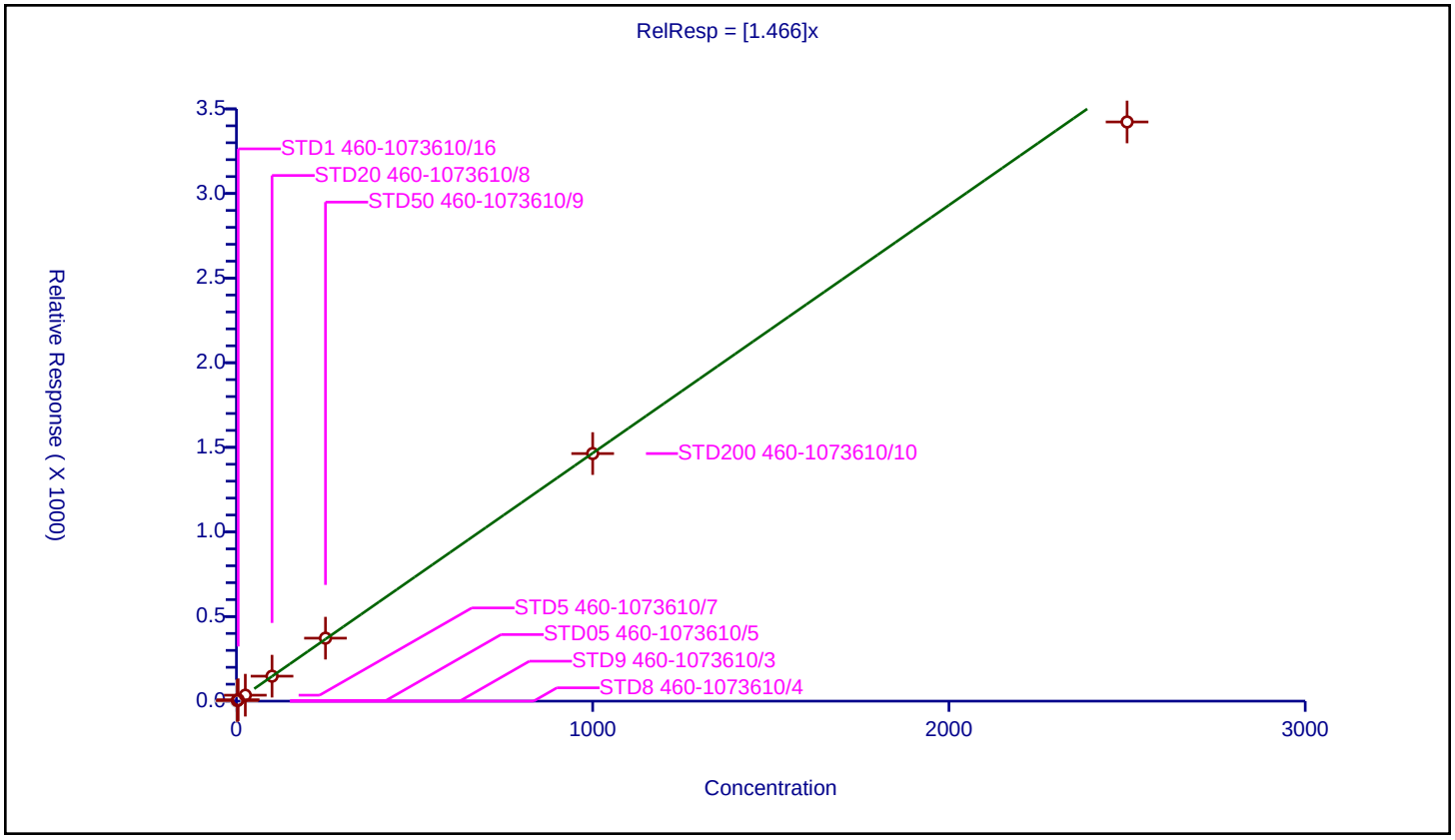
Curve Coefficients

Intercept:	0
Slope:	1.466

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	250.0	262117.0	NaN	N
2	STD9 460-1073610/3	1.0	0.0	250.0	252276.0	0.0	N
3	STD05 460-1073610/5	2.5	3.486427	250.0	268398.0	1.394571	Y
4	STD1 460-1073610/16	5.0	8.292761	250.0	286937.0	1.658552	Y
5	STD5 460-1073610/7	25.0	35.22814	250.0	272552.0	1.409126	Y
6	STD20 460-1073610/8	100.0	147.596018	250.0	271591.0	1.47596	Y
7	STD50 460-1073610/9	250.0	372.115097	250.0	267080.0	1.48846	Y
8	STD200 460-1073610/10	1000.0	1463.04164	250.0	255497.0	1.463042	Y
9	STD500 460-1073610/11	2500.0	3422.939954	250.0	253004.0	1.369176	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

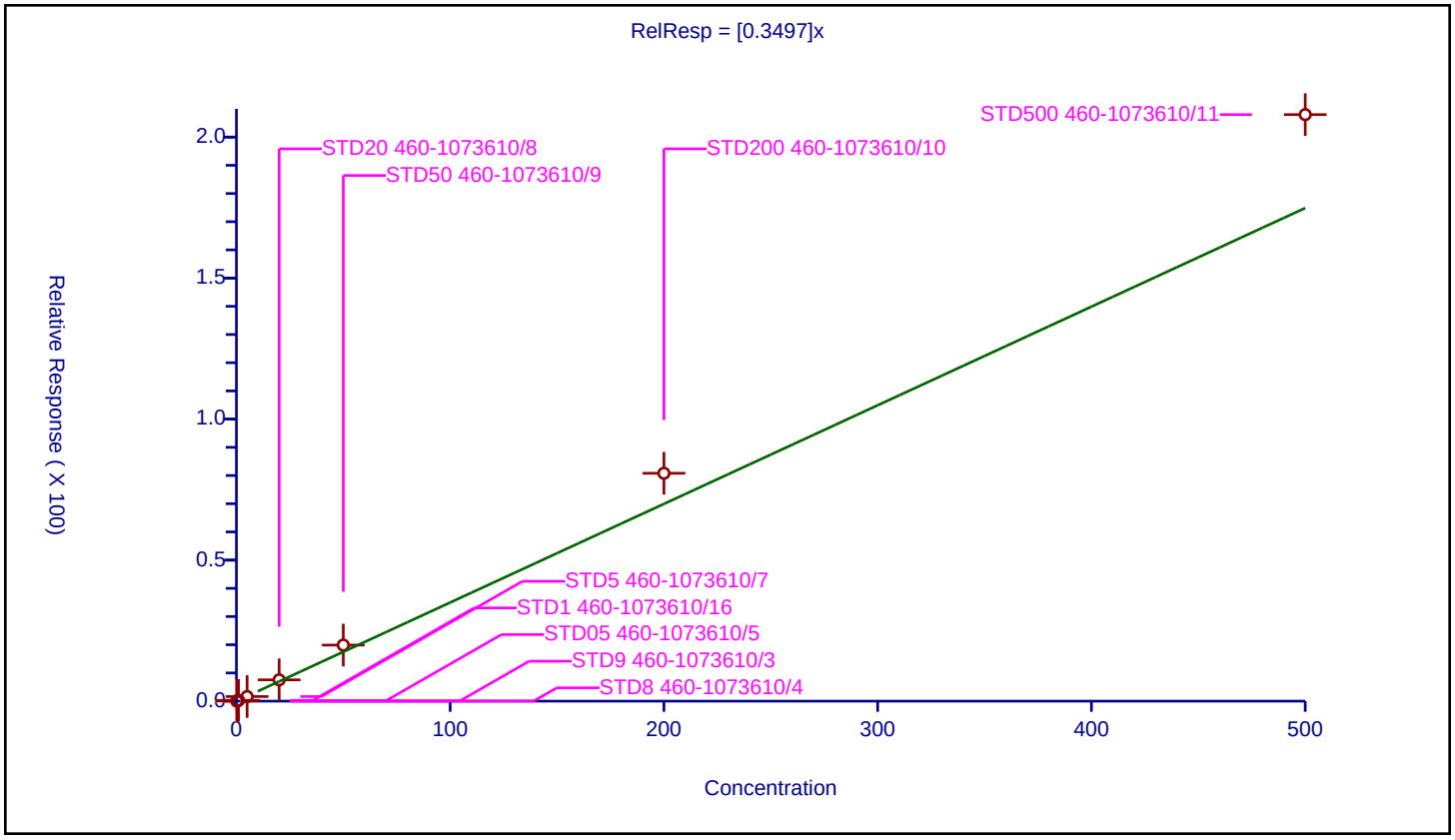
Curve Coefficients

Intercept:	0
Slope:	0.3497

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0611	50.0	463173.0	0.305501	Y
3	STD05 460-1073610/5	0.5	0.148447	50.0	464139.0	0.296894	Y
4	STD1 460-1073610/16	1.0	0.275081	50.0	457138.0	0.275081	Y
5	STD5 460-1073610/7	5.0	1.624533	50.0	474998.0	0.324907	Y
6	STD20 460-1073610/8	20.0	7.553332	50.0	481185.0	0.377667	Y
7	STD50 460-1073610/9	50.0	19.875917	50.0	479759.0	0.397518	Y
8	STD200 460-1073610/10	200.0	80.79985	50.0	469163.0	0.403999	Y
9	STD500 460-1073610/11	500.0	207.966509	50.0	446331.0	0.415933	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

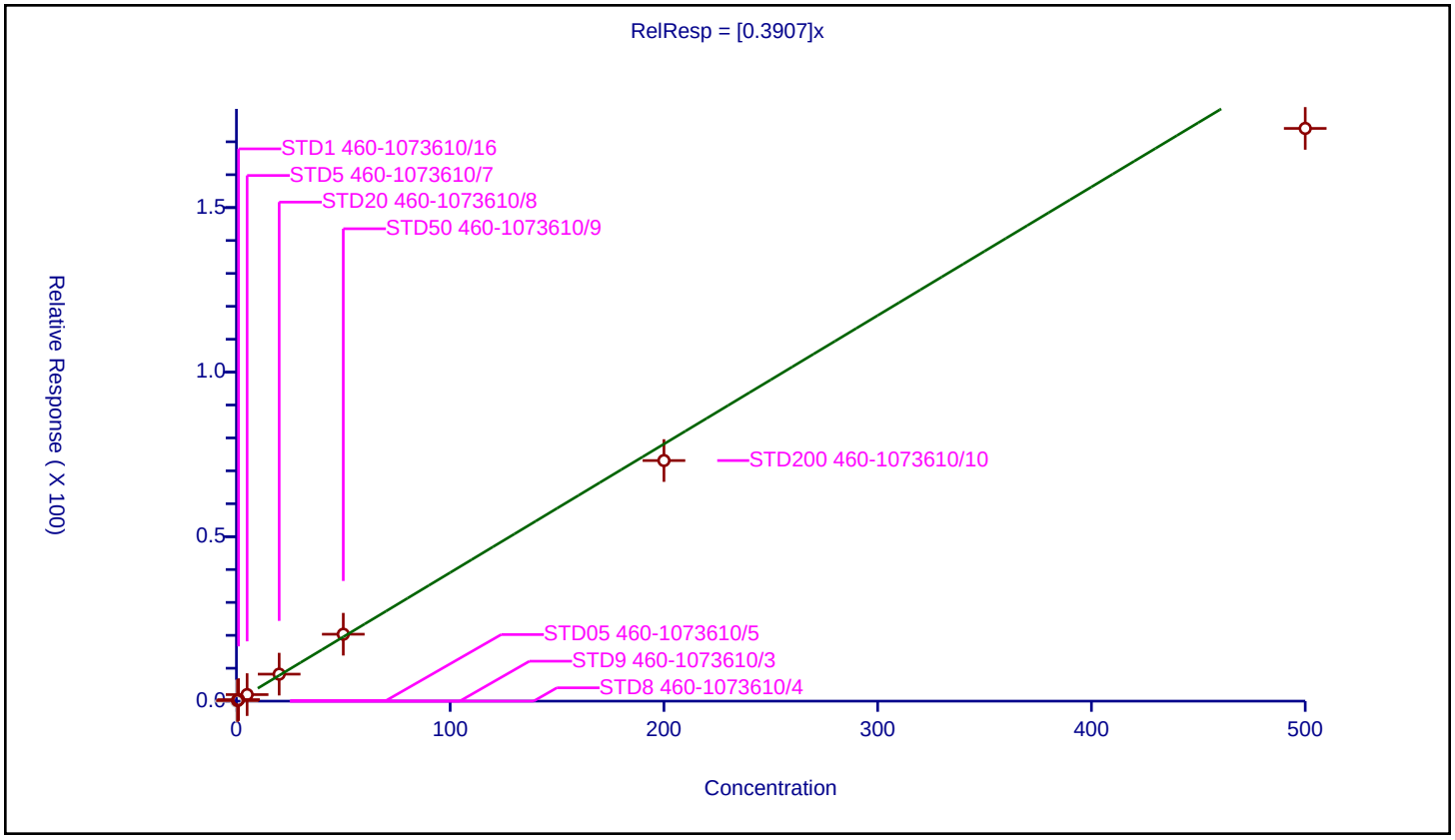
Curve Coefficients

Intercept:	0
Slope:	0.3907

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	463173.0	0.0	N
3	STD05 460-1073610/5	0.5	0.175486	50.0	464139.0	0.350972	Y
4	STD1 460-1073610/16	1.0	0.455552	50.0	457138.0	0.455552	Y
5	STD5 460-1073610/7	5.0	1.989272	50.0	474998.0	0.397854	Y
6	STD20 460-1073610/8	20.0	8.202251	50.0	481185.0	0.410113	Y
7	STD50 460-1073610/9	50.0	20.336773	50.0	479759.0	0.406735	Y
8	STD200 460-1073610/10	200.0	73.122135	50.0	469163.0	0.365611	Y
9	STD500 460-1073610/11	500.0	174.063643	50.0	446331.0	0.348127	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

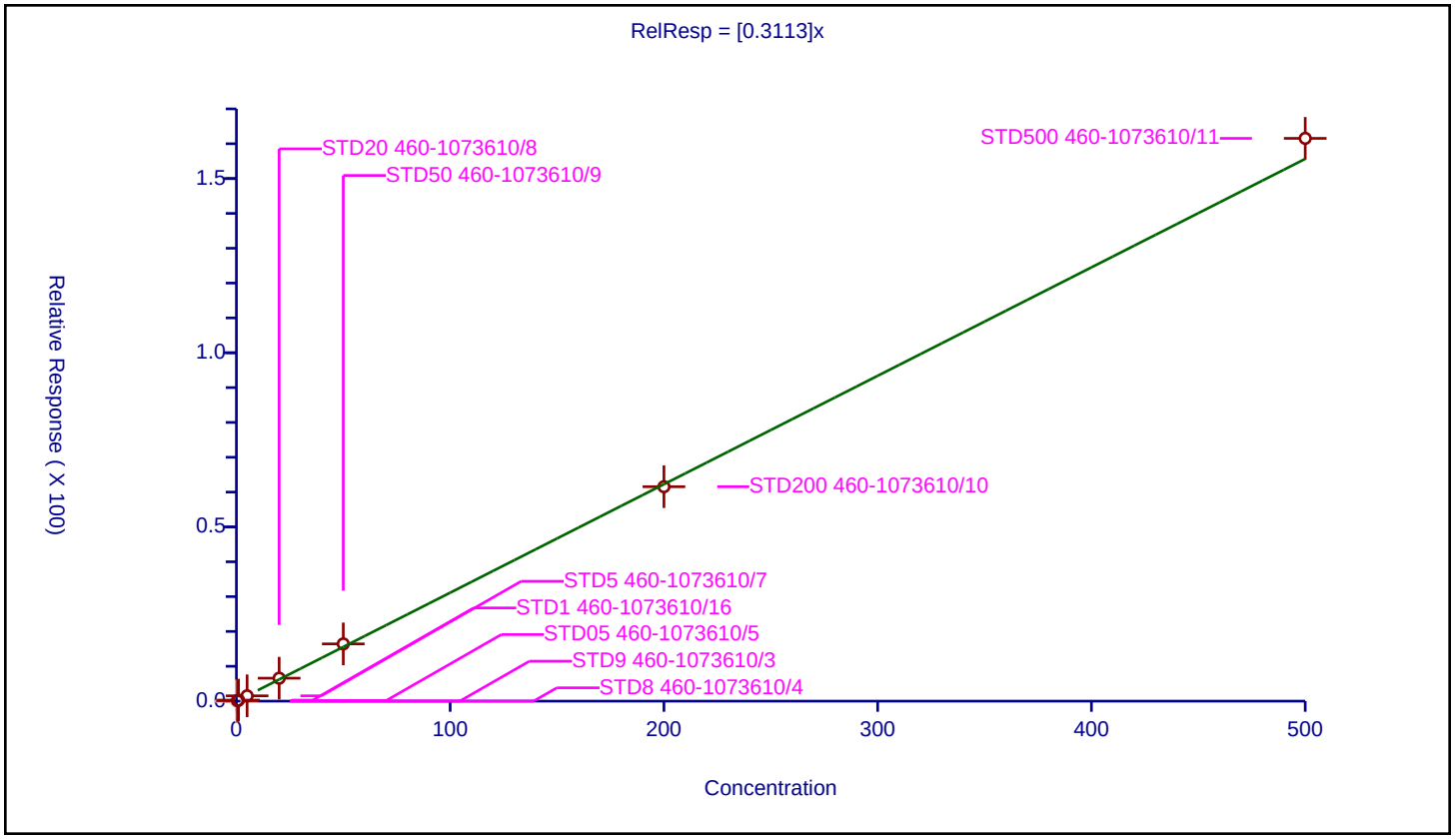
Curve Coefficients

Intercept:	0
Slope:	0.3113

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	463173.0	0.0	N
3	STD05 460-1073610/5	0.5	0.144569	50.0	464139.0	0.289138	Y
4	STD1 460-1073610/16	1.0	0.295206	50.0	457138.0	0.295206	Y
5	STD5 460-1073610/7	5.0	1.528743	50.0	474998.0	0.305749	Y
6	STD20 460-1073610/8	20.0	6.589046	50.0	481185.0	0.329452	Y
7	STD50 460-1073610/9	50.0	16.430645	50.0	479759.0	0.328613	Y
8	STD200 460-1073610/10	200.0	61.55089	50.0	469163.0	0.307754	Y
9	STD500 460-1073610/11	500.0	161.54009	50.0	446331.0	0.32308	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

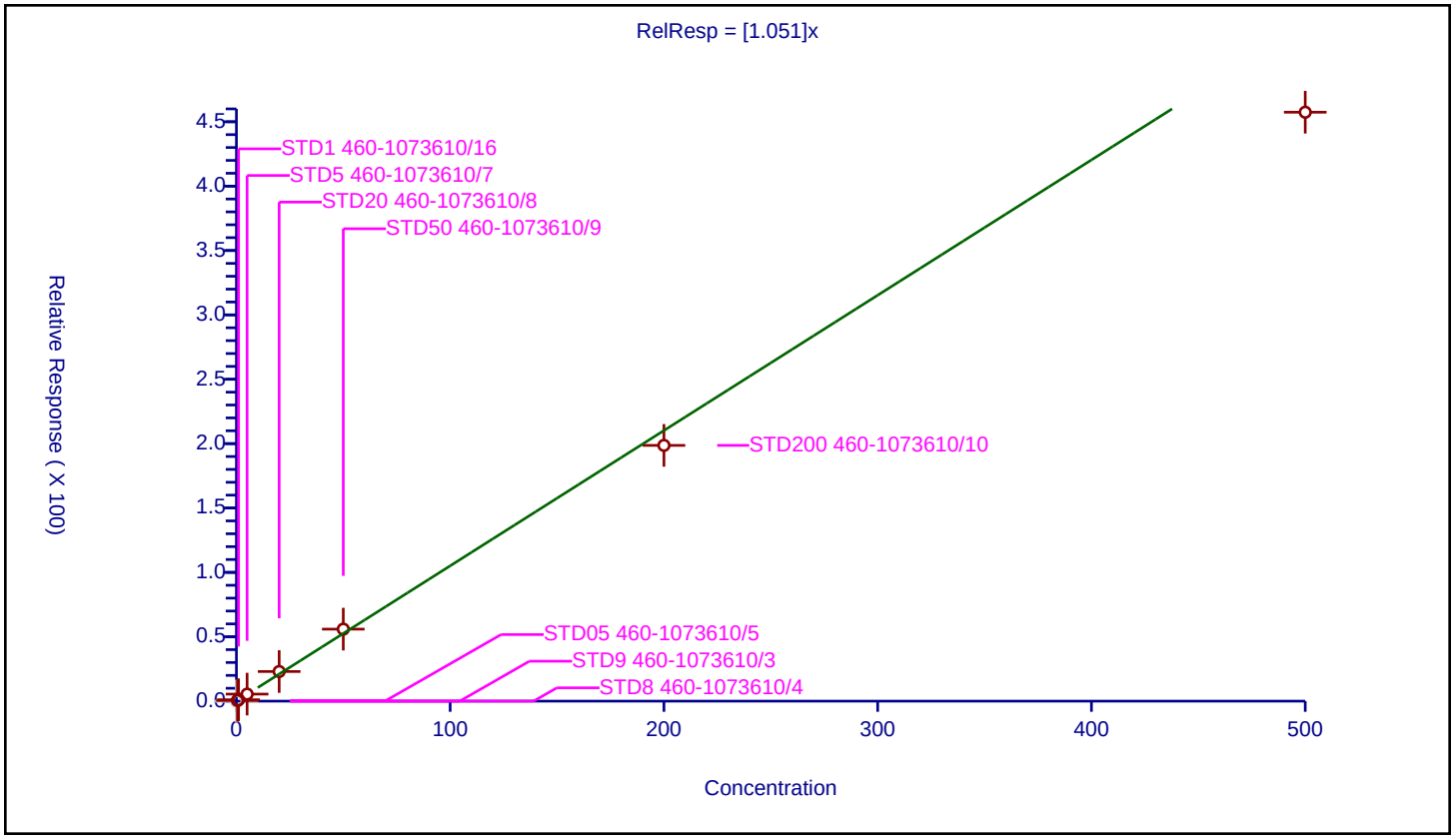
Curve Coefficients

Intercept:	0
Slope:	1.051

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	463173.0	0.0	N
3	STD05 460-1073610/5	0.5	0.498234	50.0	464139.0	0.996469	Y
4	STD1 460-1073610/16	1.0	1.088949	50.0	457138.0	1.088949	Y
5	STD5 460-1073610/7	5.0	5.468023	50.0	474998.0	1.093605	Y
6	STD20 460-1073610/8	20.0	23.010173	50.0	481185.0	1.150509	Y
7	STD50 460-1073610/9	50.0	55.931624	50.0	479759.0	1.118632	Y
8	STD200 460-1073610/10	200.0	198.647805	50.0	469163.0	0.993239	Y
9	STD500 460-1073610/11	500.0	457.40437	50.0	446331.0	0.914809	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

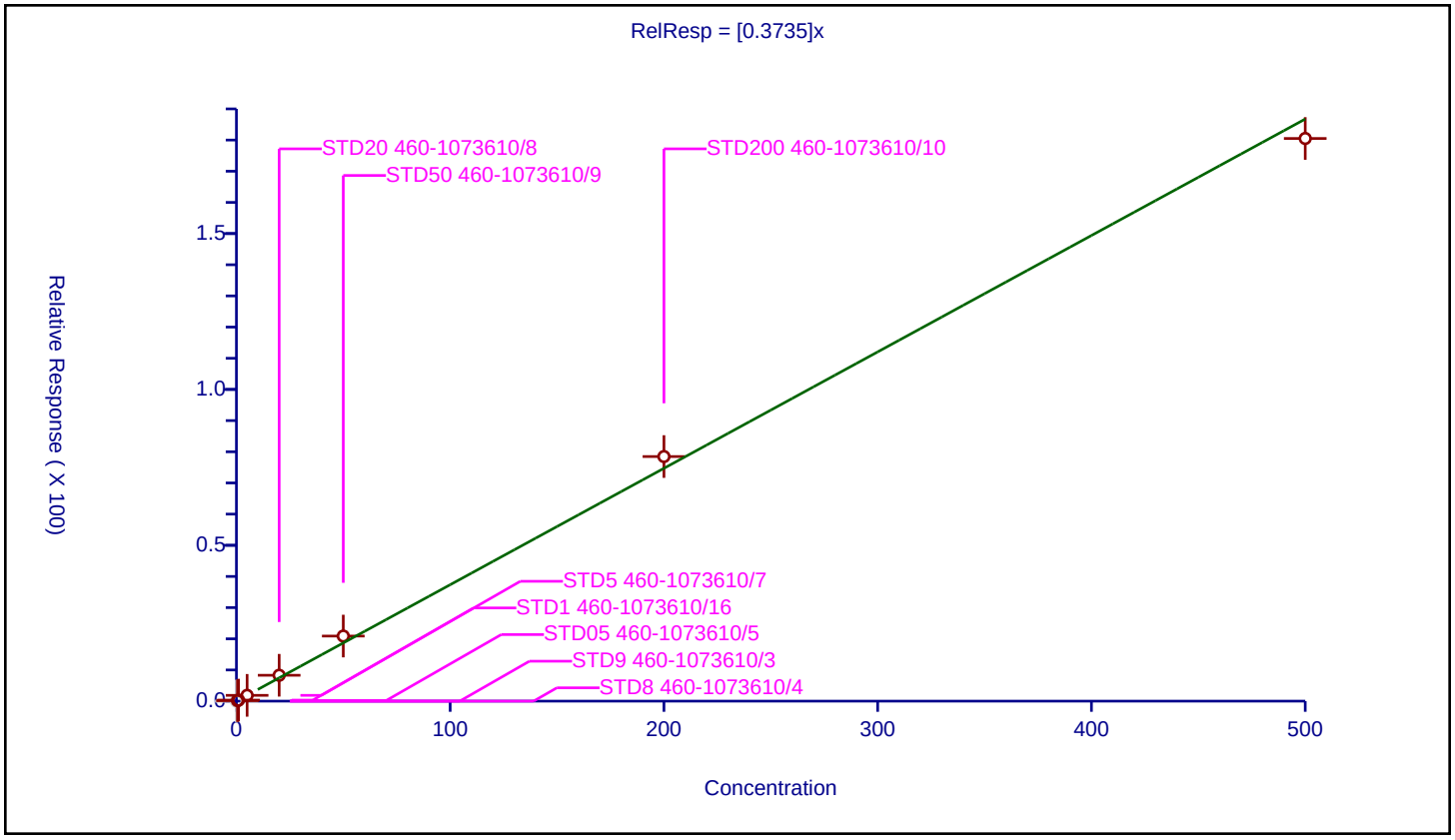
Curve Coefficients

Intercept:	0
Slope:	0.3735

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	463173.0	0.0	N
3	STD05 460-1073610/5	0.5	0.166114	50.0	464139.0	0.332228	Y
4	STD1 460-1073610/16	1.0	0.324628	50.0	457138.0	0.324628	Y
5	STD5 460-1073610/7	5.0	1.857376	50.0	474998.0	0.371475	Y
6	STD20 460-1073610/8	20.0	8.302004	50.0	481185.0	0.4151	Y
7	STD50 460-1073610/9	50.0	20.87569	50.0	479759.0	0.417514	Y
8	STD200 460-1073610/10	200.0	78.466226	50.0	469163.0	0.392331	Y
9	STD500 460-1073610/11	500.0	180.509532	50.0	446331.0	0.361019	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

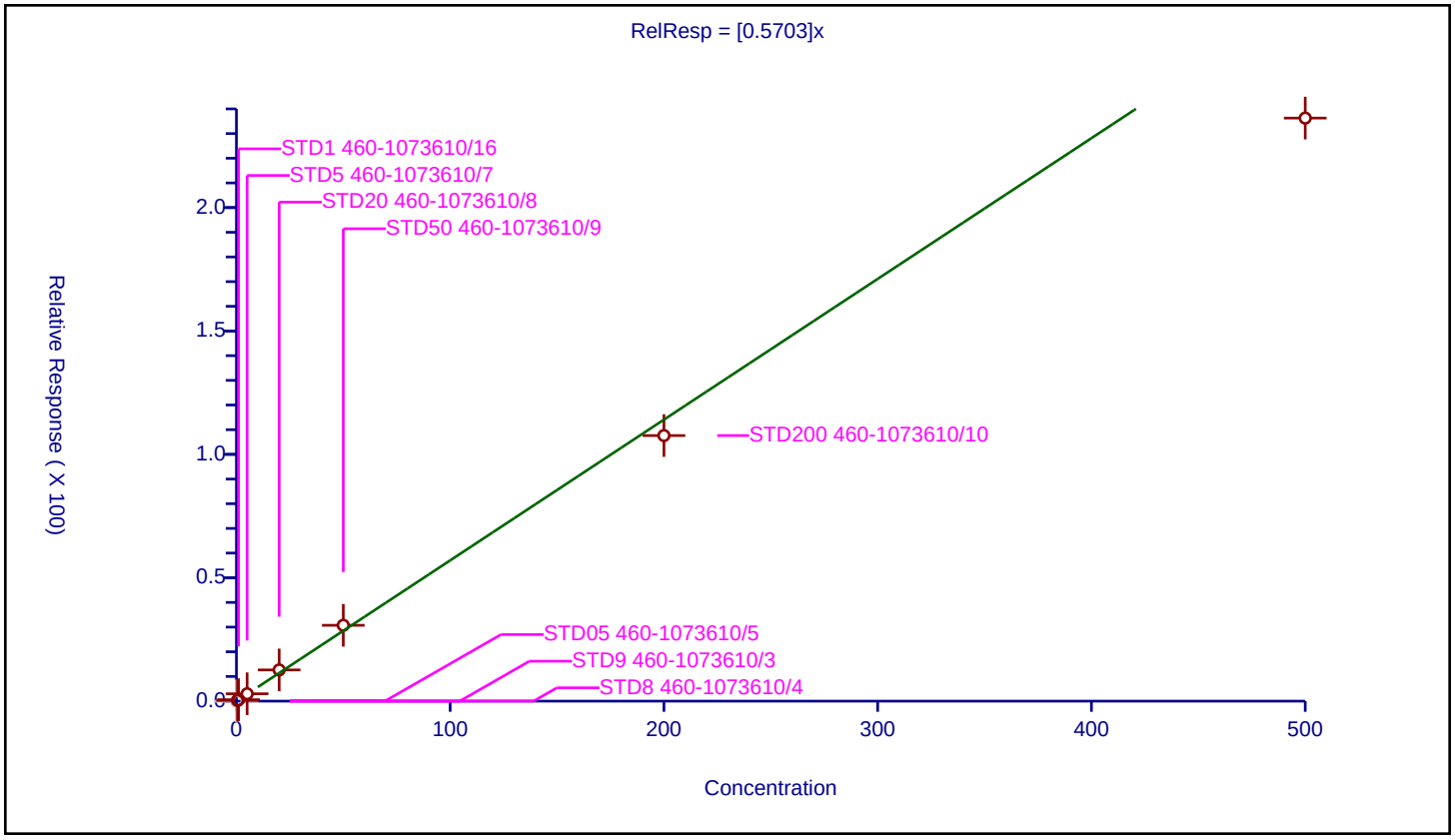
Curve Coefficients

Intercept:	0
Slope:	0.5703

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	463173.0	0.0	N
3	STD05 460-1073610/5	0.5	0.279227	50.0	464139.0	0.558453	Y
4	STD1 460-1073610/16	1.0	0.579475	50.0	457138.0	0.579475	Y
5	STD5 460-1073610/7	5.0	2.983802	50.0	474998.0	0.59676	Y
6	STD20 460-1073610/8	20.0	12.64524	50.0	481185.0	0.632262	Y
7	STD50 460-1073610/9	50.0	30.73564	50.0	479759.0	0.614713	Y
8	STD200 460-1073610/10	200.0	107.628053	50.0	469163.0	0.53814	Y
9	STD500 460-1073610/11	500.0	236.281258	50.0	446331.0	0.472563	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

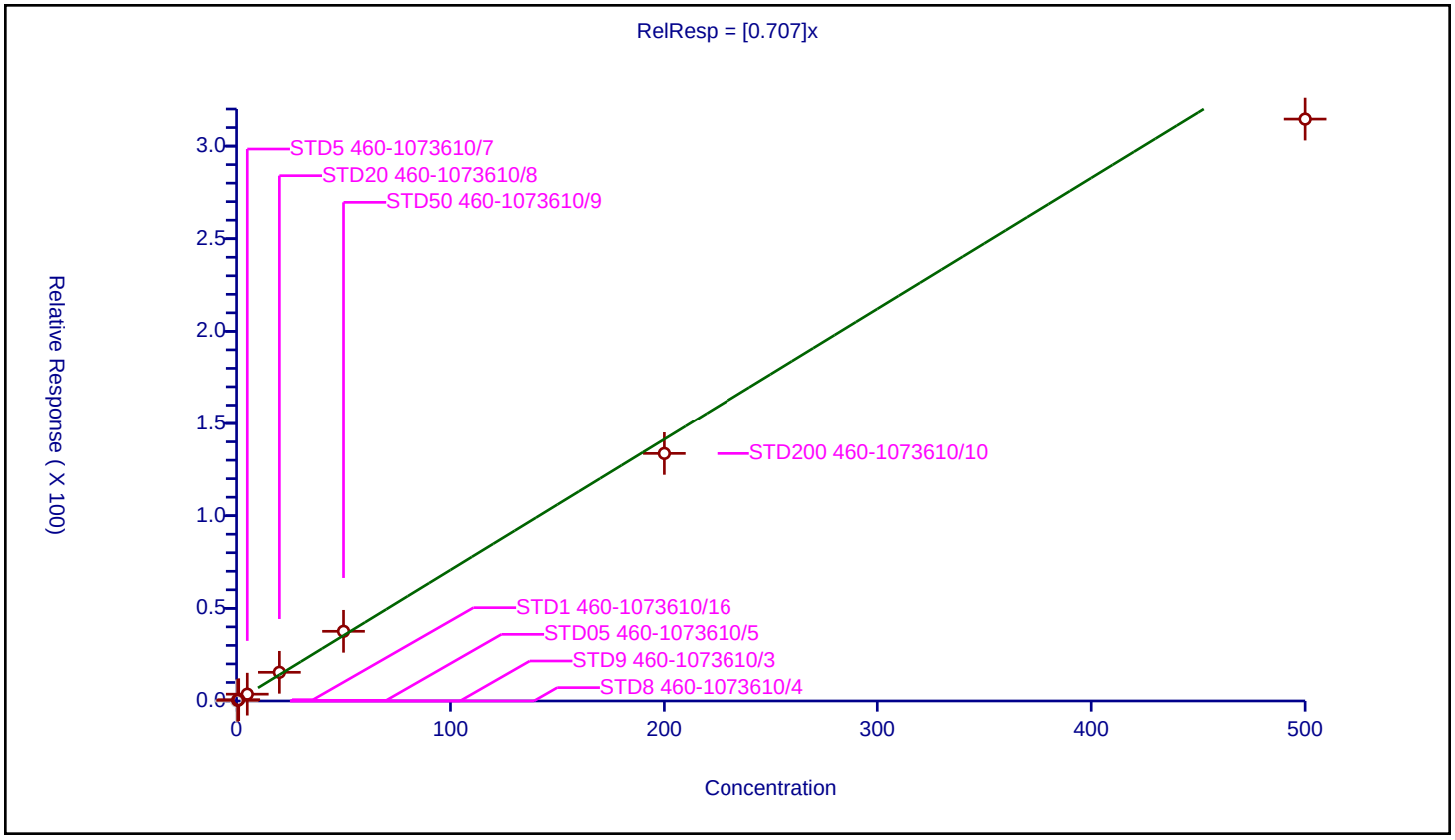
Curve Coefficients

Intercept:	0
Slope:	0.707

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	463173.0	0.0	N
3	STD05 460-1073610/5	0.5	0.346879	50.0	464139.0	0.693758	Y
4	STD1 460-1073610/16	1.0	0.697929	50.0	457138.0	0.697929	Y
5	STD5 460-1073610/7	5.0	3.6697	50.0	474998.0	0.73394	Y
6	STD20 460-1073610/8	20.0	15.474817	50.0	481185.0	0.773741	Y
7	STD50 460-1073610/9	50.0	37.608779	50.0	479759.0	0.752176	Y
8	STD200 460-1073610/10	200.0	133.63767	50.0	469163.0	0.668188	Y
9	STD500 460-1073610/11	500.0	314.576962	50.0	446331.0	0.629154	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

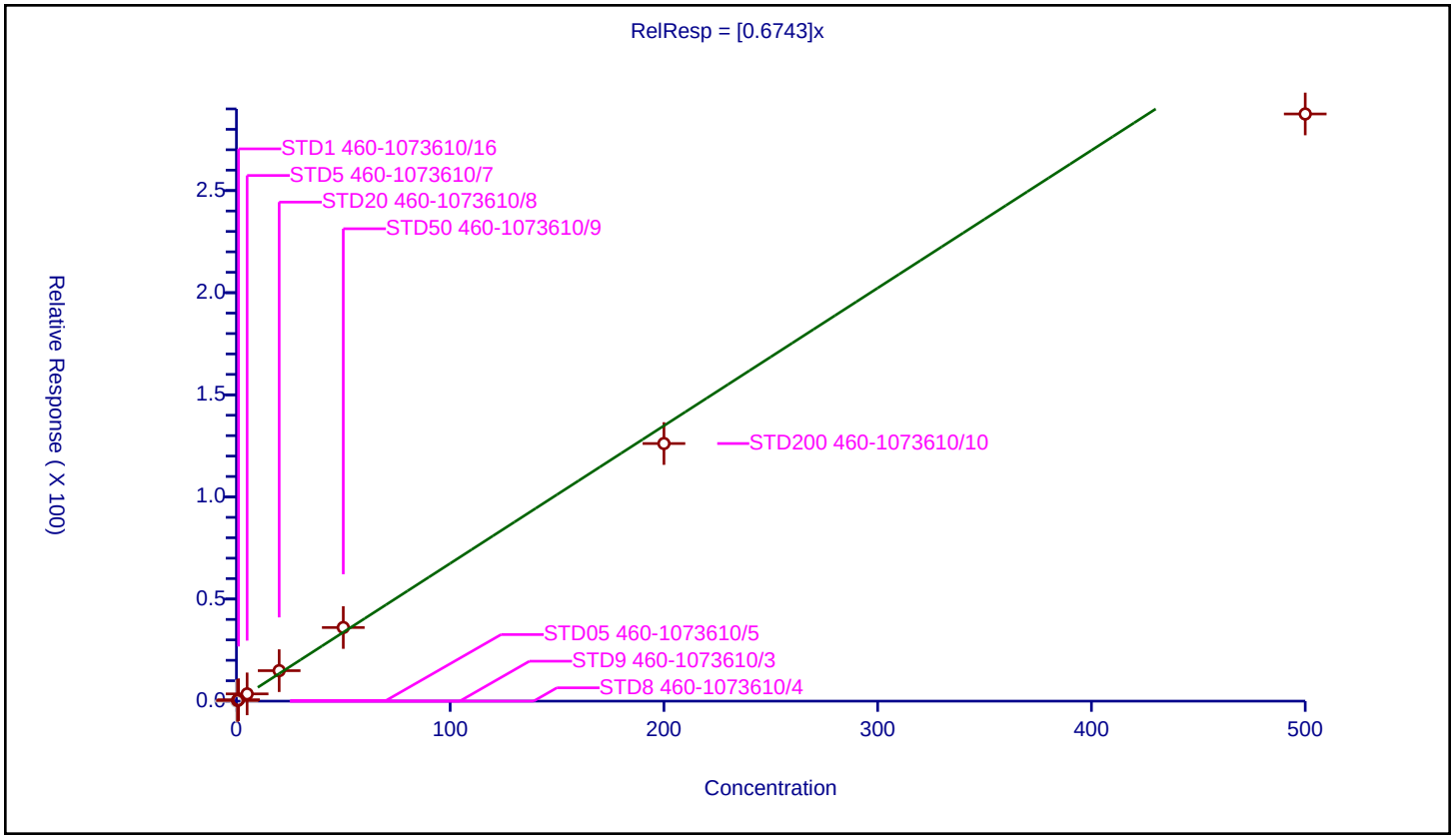
Curve Coefficients

Intercept:	0
Slope:	0.6743

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	463173.0	0.0	N
3	STD05 460-1073610/5	0.5	0.325549	50.0	464139.0	0.651098	Y
4	STD1 460-1073610/16	1.0	0.685242	50.0	457138.0	0.685242	Y
5	STD5 460-1073610/7	5.0	3.550436	50.0	474998.0	0.710087	Y
6	STD20 460-1073610/8	20.0	14.928874	50.0	481185.0	0.746444	Y
7	STD50 460-1073610/9	50.0	36.058	50.0	479759.0	0.72116	Y
8	STD200 460-1073610/10	200.0	126.13857	50.0	469163.0	0.630693	Y
9	STD500 460-1073610/11	500.0	287.52697	50.0	446331.0	0.575054	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

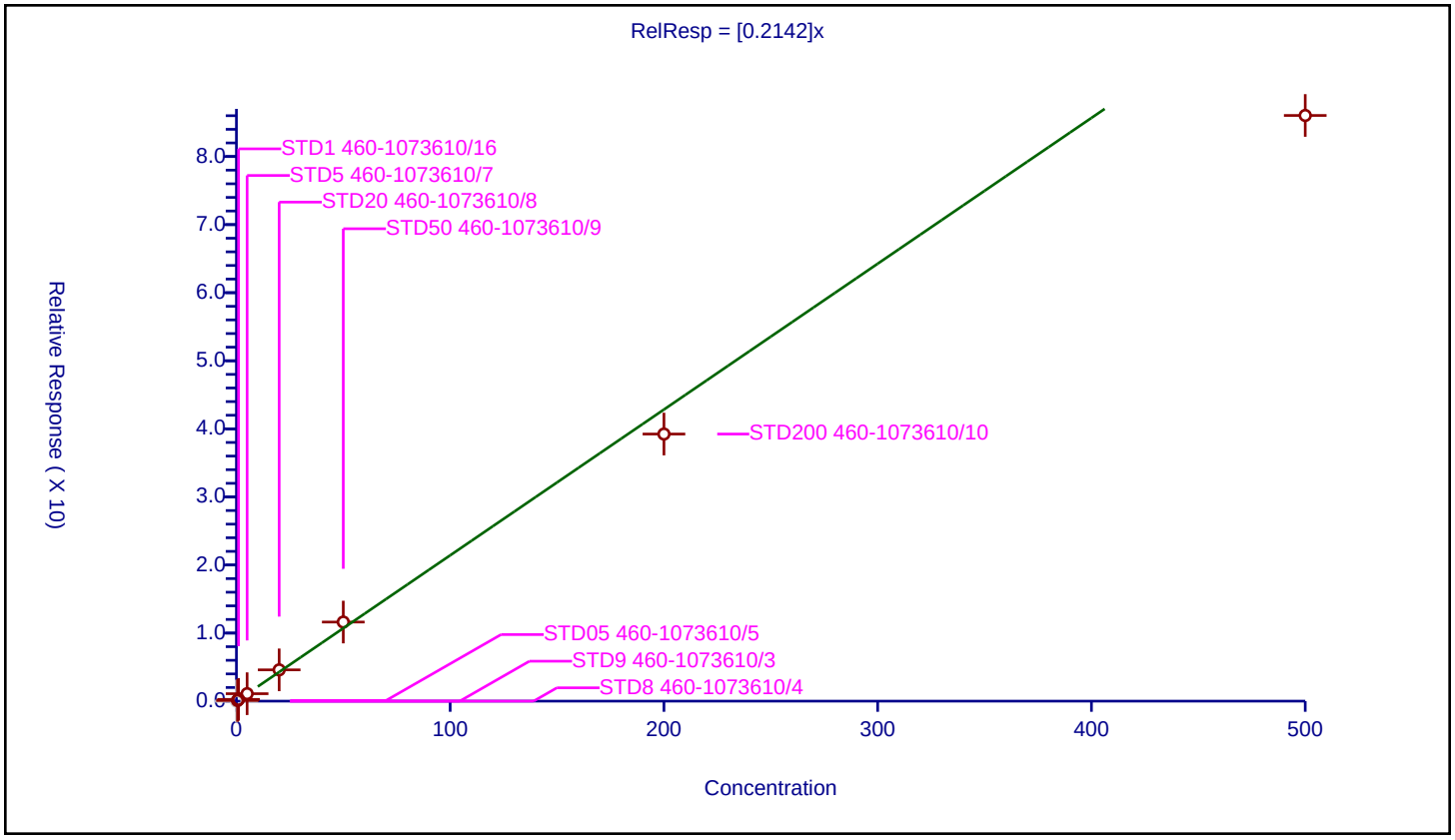
Curve Coefficients

Intercept:	0
Slope:	0.2142

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	463173.0	0.0	N
3	STD05 460-1073610/5	0.5	0.097385	50.0	464139.0	0.194769	Y
4	STD1 460-1073610/16	1.0	0.255175	50.0	457138.0	0.255175	Y
5	STD5 460-1073610/7	5.0	1.094741	50.0	474998.0	0.218948	Y
6	STD20 460-1073610/8	20.0	4.59553	50.0	481185.0	0.229776	Y
7	STD50 460-1073610/9	50.0	11.619584	50.0	479759.0	0.232392	Y
8	STD200 460-1073610/10	200.0	39.236577	50.0	469163.0	0.196183	Y
9	STD500 460-1073610/11	500.0	86.033908	50.0	446331.0	0.172068	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

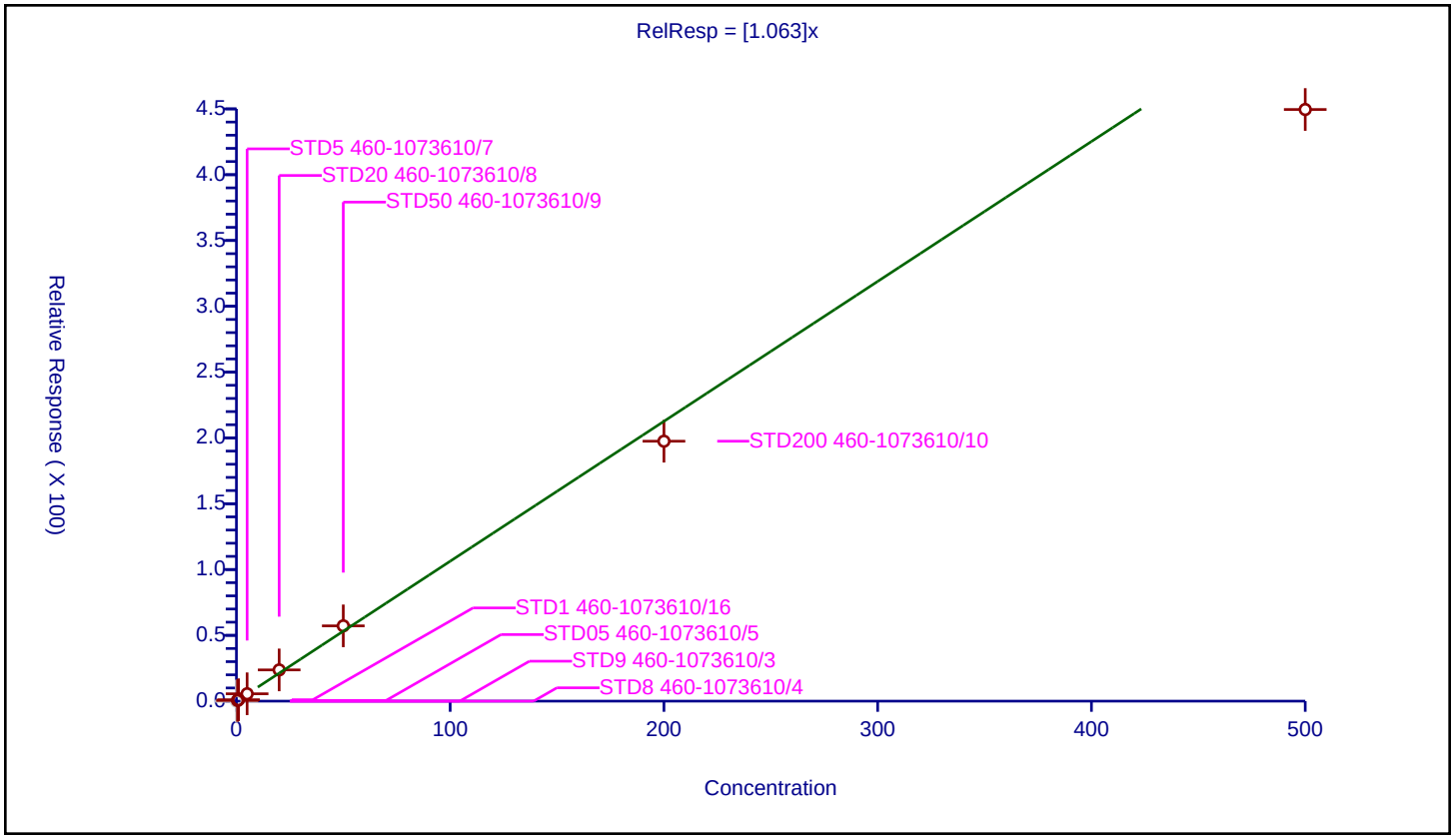
Curve Coefficients

Intercept:	0
Slope:	1.063

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	463173.0	0.0	N
3	STD05 460-1073610/5	0.5	0.525166	50.0	464139.0	1.050332	Y
4	STD1 460-1073610/16	1.0	1.055699	50.0	457138.0	1.055699	Y
5	STD5 460-1073610/7	5.0	5.593918	50.0	474998.0	1.118784	Y
6	STD20 460-1073610/8	20.0	23.720191	50.0	481185.0	1.18601	Y
7	STD50 460-1073610/9	50.0	57.202575	50.0	479759.0	1.144051	Y
8	STD200 460-1073610/10	200.0	197.503426	50.0	469163.0	0.987517	Y
9	STD500 460-1073610/11	500.0	449.53129	50.0	446331.0	0.899063	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

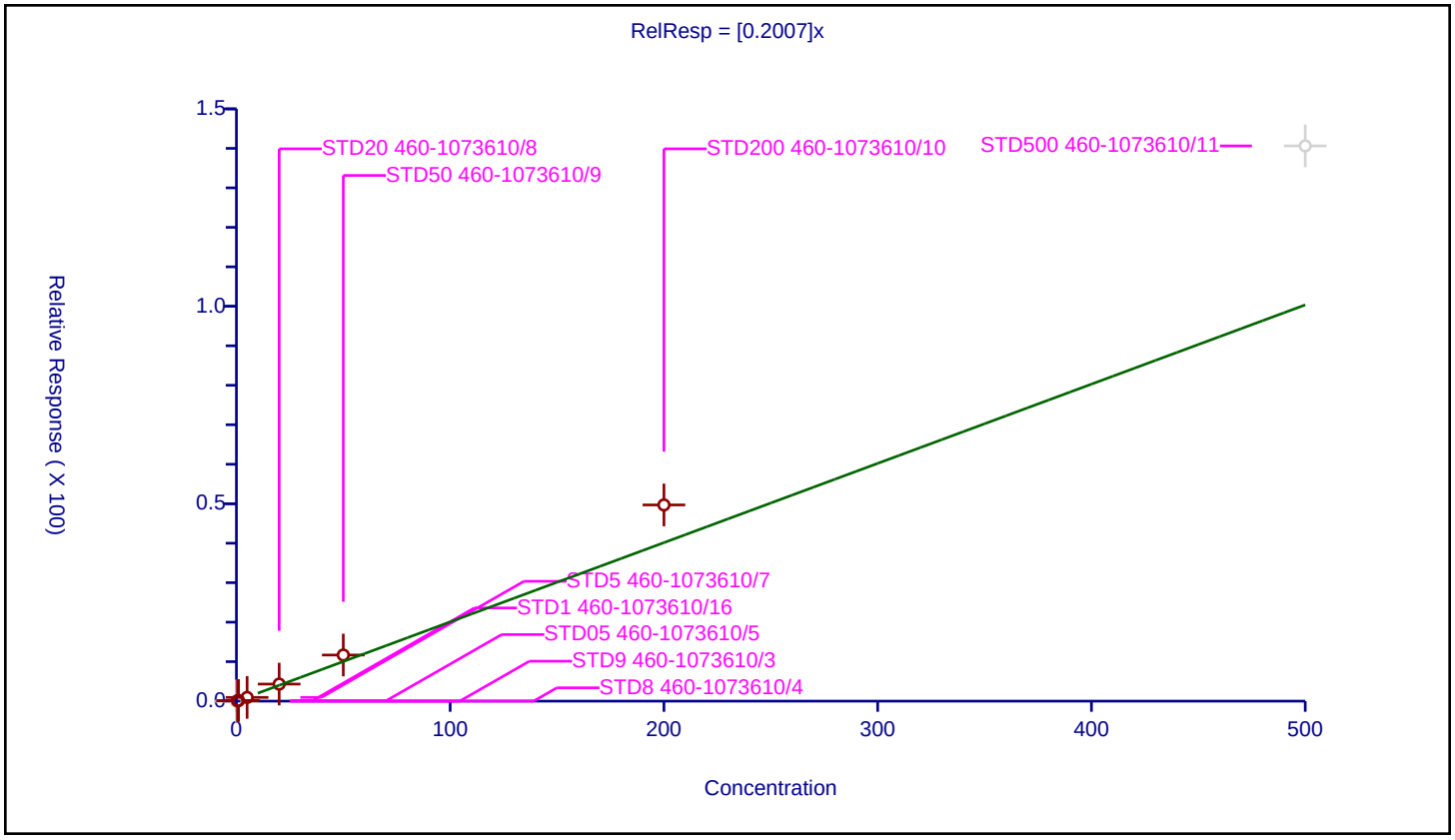
Curve Coefficients

Intercept:	0
Slope:	0.2007

Error Coefficients

Relative Standard Deviation:	19.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	463173.0	0.0	N
3	STD05 460-1073610/5	0.5	0.081764	50.0	464139.0	0.163529	Y
4	STD1 460-1073610/16	1.0	0.154877	50.0	457138.0	0.154877	Y
5	STD5 460-1073610/7	5.0	0.939162	50.0	474998.0	0.187832	Y
6	STD20 460-1073610/8	20.0	4.318921	50.0	481185.0	0.215946	Y
7	STD50 460-1073610/9	50.0	11.680969	50.0	479759.0	0.233619	Y
8	STD200 460-1073610/10	200.0	49.692751	50.0	469163.0	0.248464	Y
9	STD500 460-1073610/11	500.0	140.622879	50.0	446331.0	0.281246	N



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

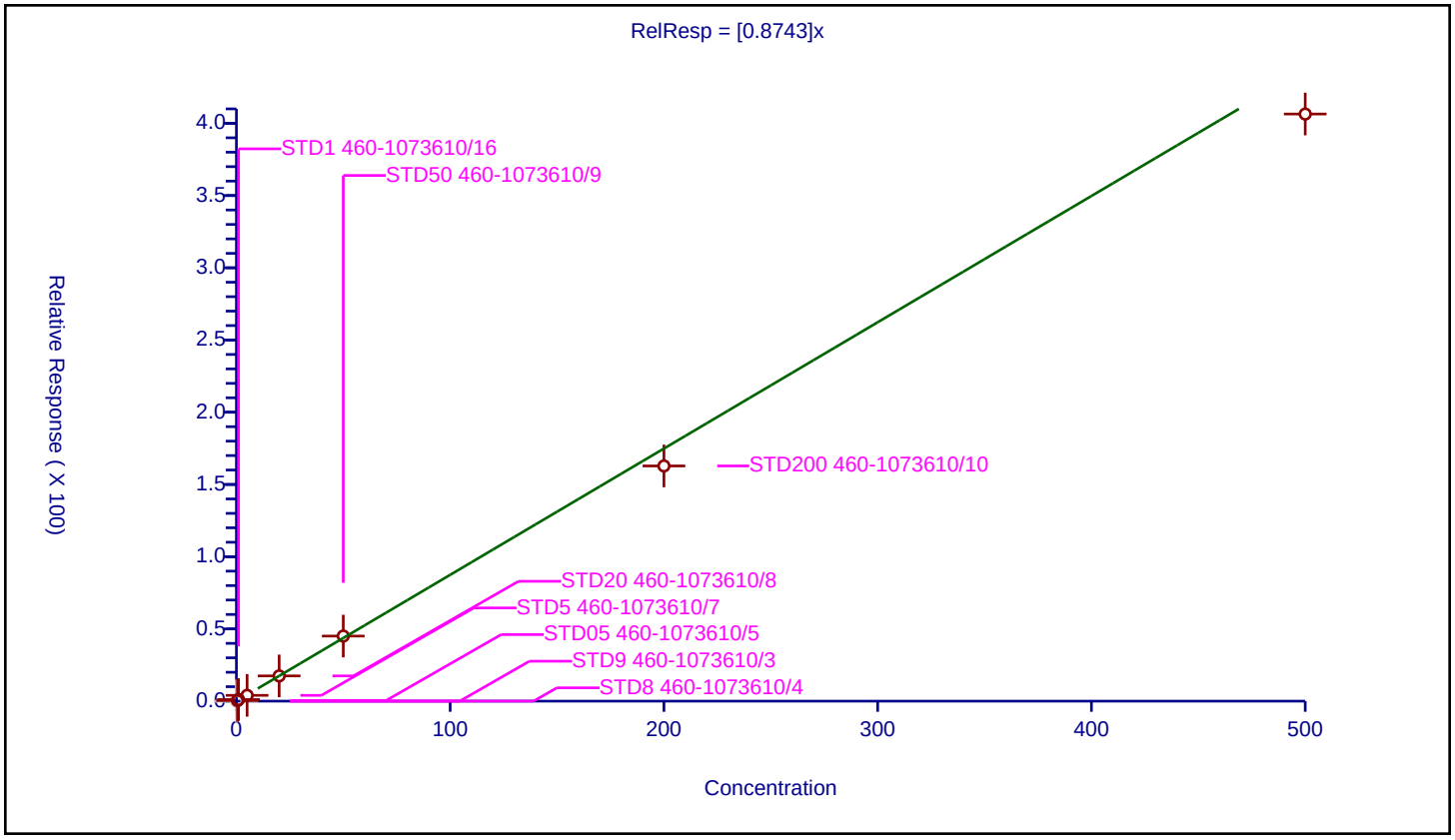
Curve Coefficients

Intercept:	0
Slope:	0.8743

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.406077	50.0	250076.0	0.812153	Y
4	STD1 460-1073610/16	1.0	1.104386	50.0	240541.0	1.104386	Y
5	STD5 460-1073610/7	5.0	4.010508	50.0	254282.0	0.802102	Y
6	STD20 460-1073610/8	20.0	17.46406	50.0	253827.0	0.873203	Y
7	STD50 460-1073610/9	50.0	45.057339	50.0	250442.0	0.901147	Y
8	STD200 460-1073610/10	200.0	162.815749	50.0	244656.0	0.814079	Y
9	STD500 460-1073610/11	500.0	406.432079	50.0	239697.0	0.812864	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

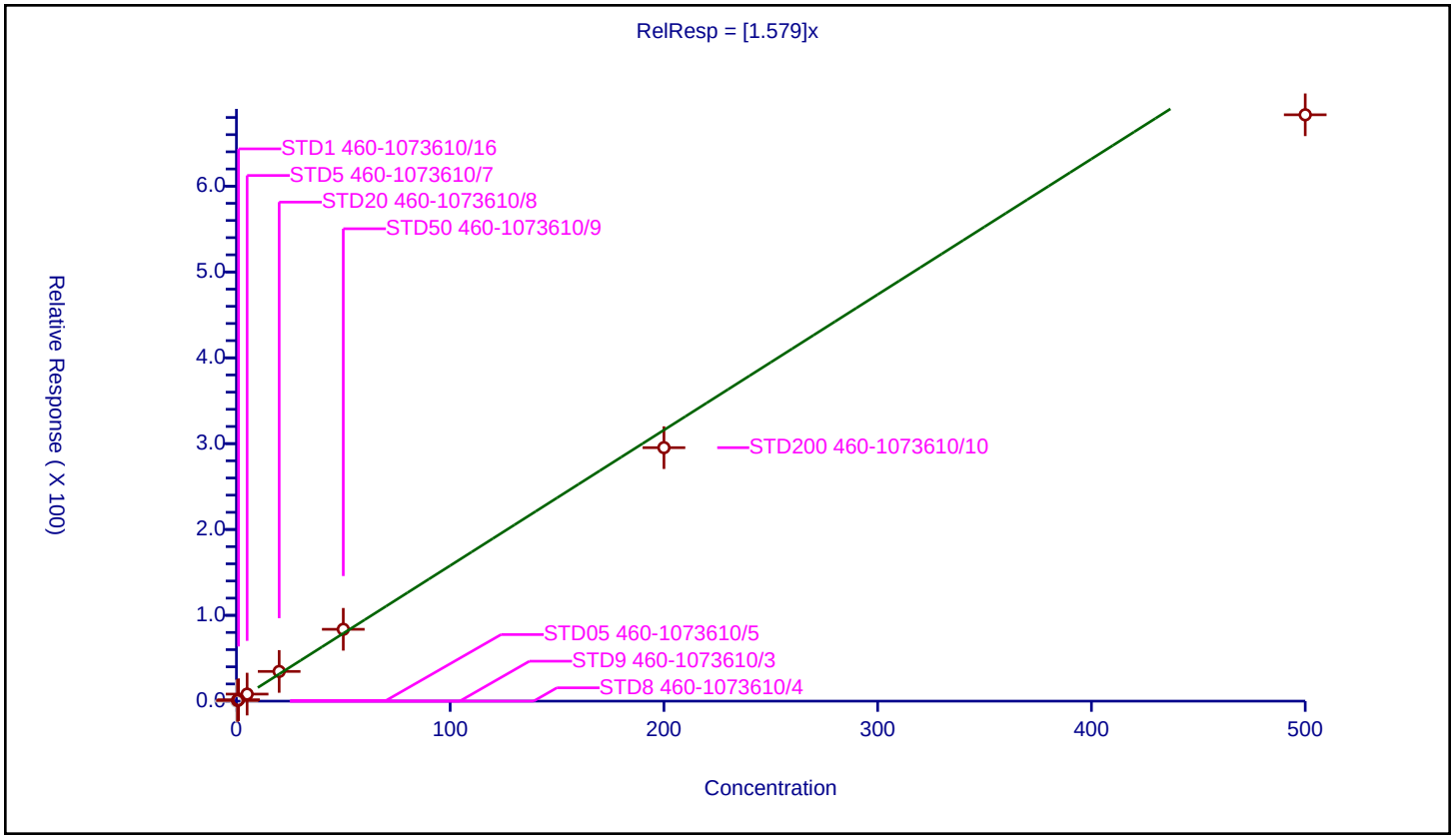
Curve Coefficients

Intercept:	0
Slope:	1.579

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	464195.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	463173.0	0.0	N
3	STD05 460-1073610/5	0.5	0.768197	50.0	464139.0	1.536393	Y
4	STD1 460-1073610/16	1.0	1.625877	50.0	457138.0	1.625877	Y
5	STD5 460-1073610/7	5.0	8.221403	50.0	474998.0	1.644281	Y
6	STD20 460-1073610/8	20.0	34.609454	50.0	481185.0	1.730473	Y
7	STD50 460-1073610/9	50.0	83.69275	50.0	479759.0	1.673855	Y
8	STD200 460-1073610/10	200.0	295.336376	50.0	469163.0	1.476682	Y
9	STD500 460-1073610/11	500.0	683.138187	50.0	446331.0	1.366276	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

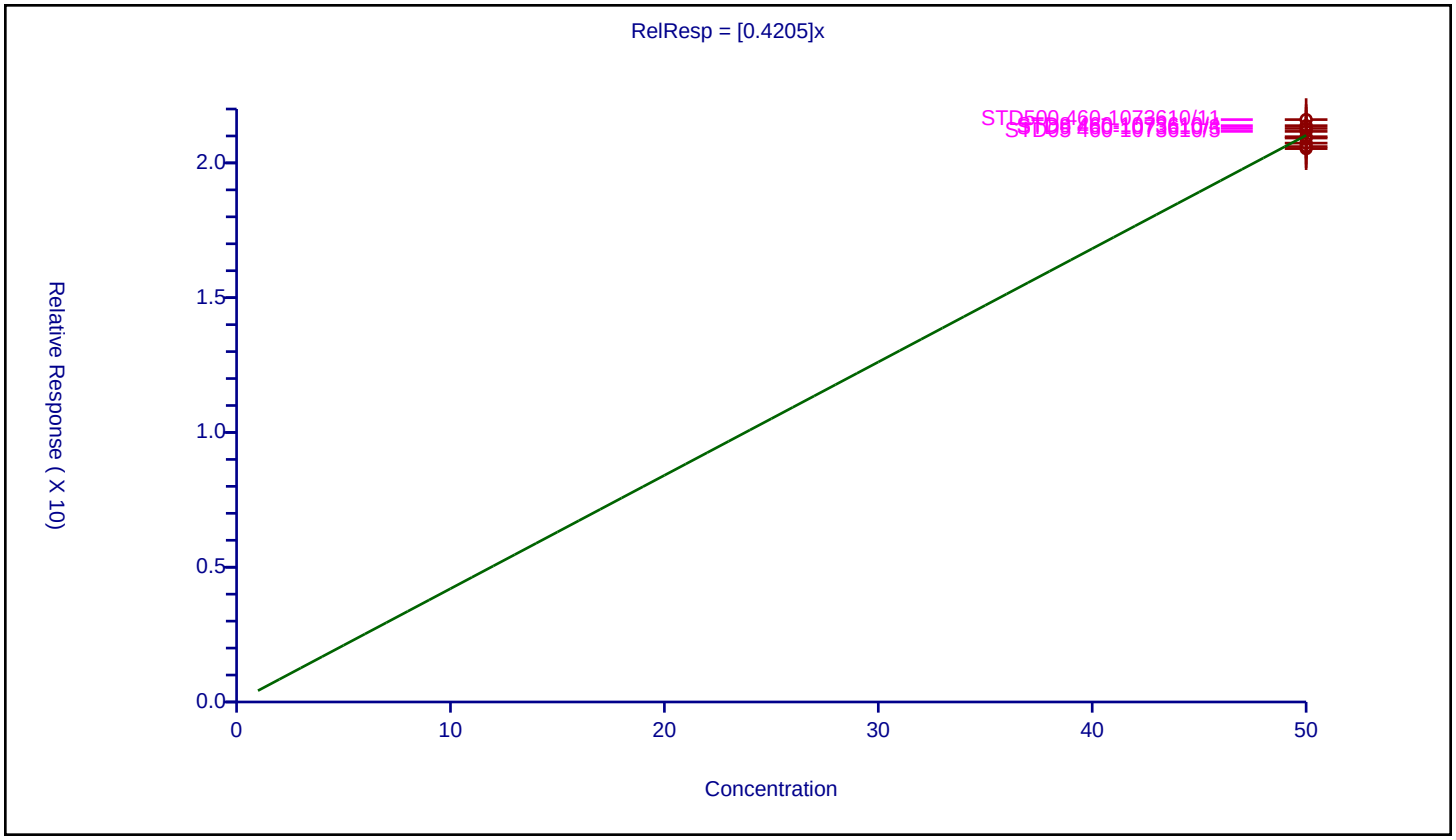
Curve Coefficients

Intercept:	0
Slope:	0.4205

Error Coefficients

Relative Standard Deviation:	1.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD9 460-1073610/3	50.0	21.278658	50.0	463173.0	0.425573	Y
2	STD8 460-1073610/4	50.0	21.382716	50.0	464195.0	0.427654	Y
3	STD05 460-1073610/5	50.0	21.170382	50.0	464139.0	0.423408	Y
4	STD5 460-1073610/7	50.0	20.97293	50.0	474998.0	0.419459	Y
5	STD20 460-1073610/8	50.0	20.922722	50.0	481185.0	0.418454	Y
6	STD50 460-1073610/9	50.0	20.734681	50.0	479759.0	0.414694	Y
7	STD200 460-1073610/10	50.0	20.607017	50.0	469163.0	0.41214	Y
8	STD500 460-1073610/11	50.0	21.60717	50.0	446331.0	0.432143	Y
9	STD1 460-1073610/16	50.0	20.529578	50.0	457138.0	0.410592	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

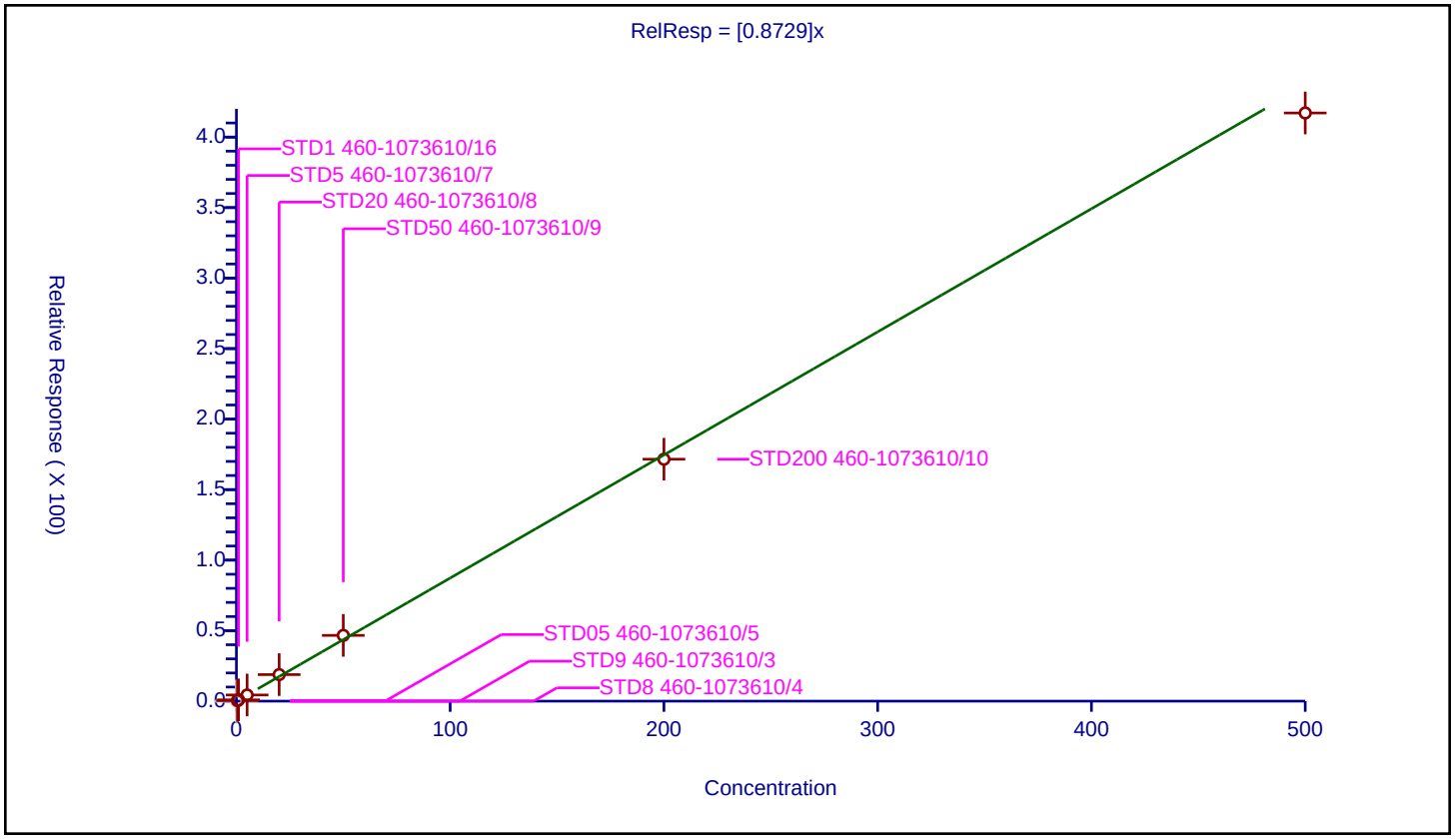
Curve Coefficients

Intercept:	0
Slope:	0.8729

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.387282	50.0	250076.0	0.774565	Y
4	STD1 460-1073610/16	1.0	0.896105	50.0	240541.0	0.896105	Y
5	STD5 460-1073610/7	5.0	4.373098	50.0	254282.0	0.87462	Y
6	STD20 460-1073610/8	20.0	18.81695	50.0	253827.0	0.940848	Y
7	STD50 460-1073610/9	50.0	46.618778	50.0	250442.0	0.932376	Y
8	STD200 460-1073610/10	200.0	171.563951	50.0	244656.0	0.85782	Y
9	STD500 460-1073610/11	500.0	417.081774	50.0	239697.0	0.834164	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

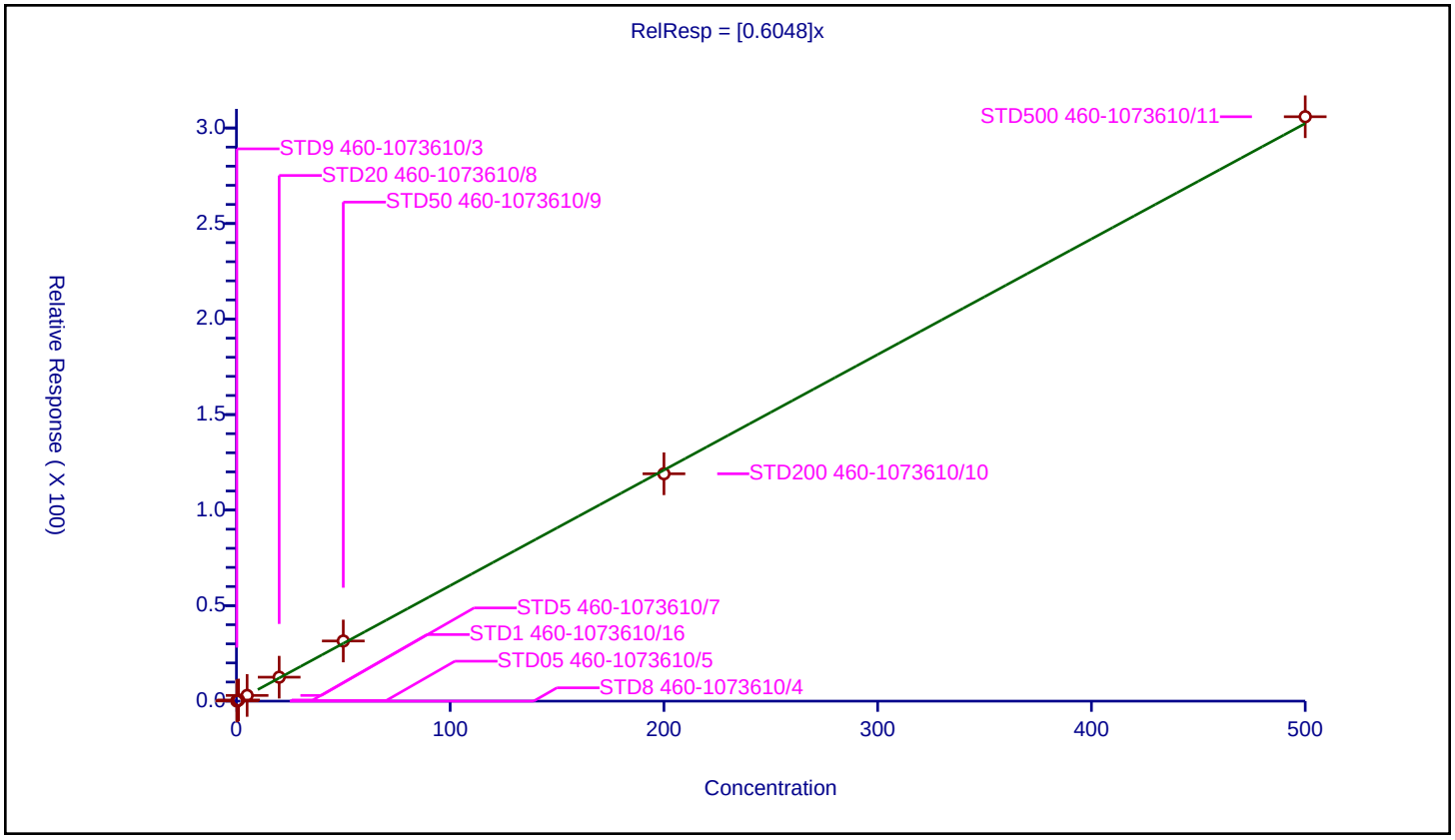
Curve Coefficients

Intercept:	0
Slope:	0.6048

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.12539	50.0	248026.0	0.62695	Y
3	STD05 460-1073610/5	0.5	0.276316	50.0	250076.0	0.552632	Y
4	STD1 460-1073610/16	1.0	0.598027	50.0	240541.0	0.598027	Y
5	STD5 460-1073610/7	5.0	2.984875	50.0	254282.0	0.596975	Y
6	STD20 460-1073610/8	20.0	12.5359	50.0	253827.0	0.626795	Y
7	STD50 460-1073610/9	50.0	31.492122	50.0	250442.0	0.629842	Y
8	STD200 460-1073610/10	200.0	119.002395	50.0	244656.0	0.595012	Y
9	STD500 460-1073610/11	500.0	305.904955	50.0	239697.0	0.61181	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

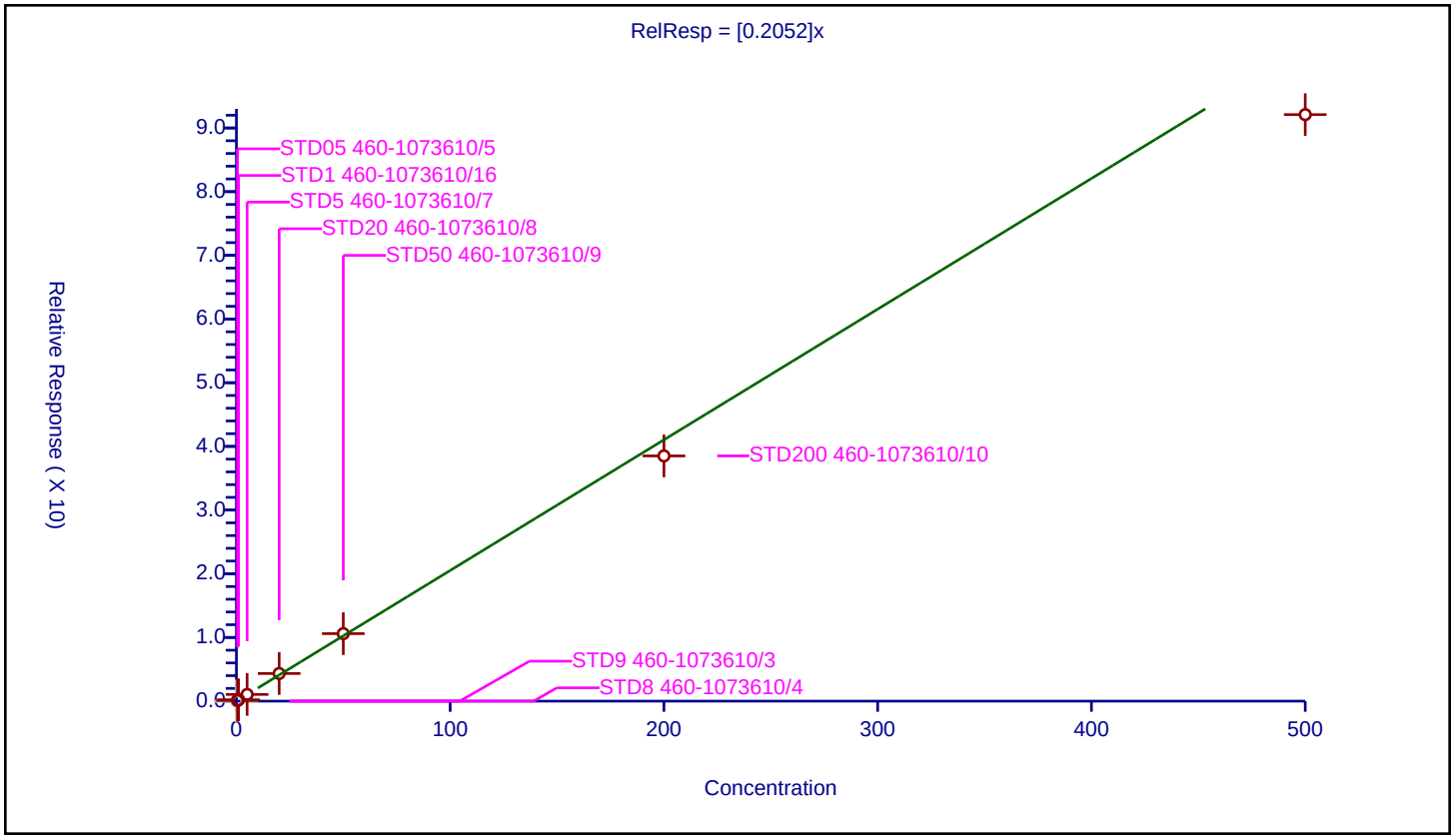
Curve Coefficients

Intercept:	0
Slope:	0.2052

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.103169	50.0	250076.0	0.206337	Y
4	STD1 460-1073610/16	1.0	0.214101	50.0	240541.0	0.214101	Y
5	STD5 460-1073610/7	5.0	1.050212	50.0	254282.0	0.210042	Y
6	STD20 460-1073610/8	20.0	4.33957	50.0	253827.0	0.216978	Y
7	STD50 460-1073610/9	50.0	10.601457	50.0	250442.0	0.212029	Y
8	STD200 460-1073610/10	200.0	38.508559	50.0	244656.0	0.192543	Y
9	STD500 460-1073610/11	500.0	92.101695	50.0	239697.0	0.184203	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

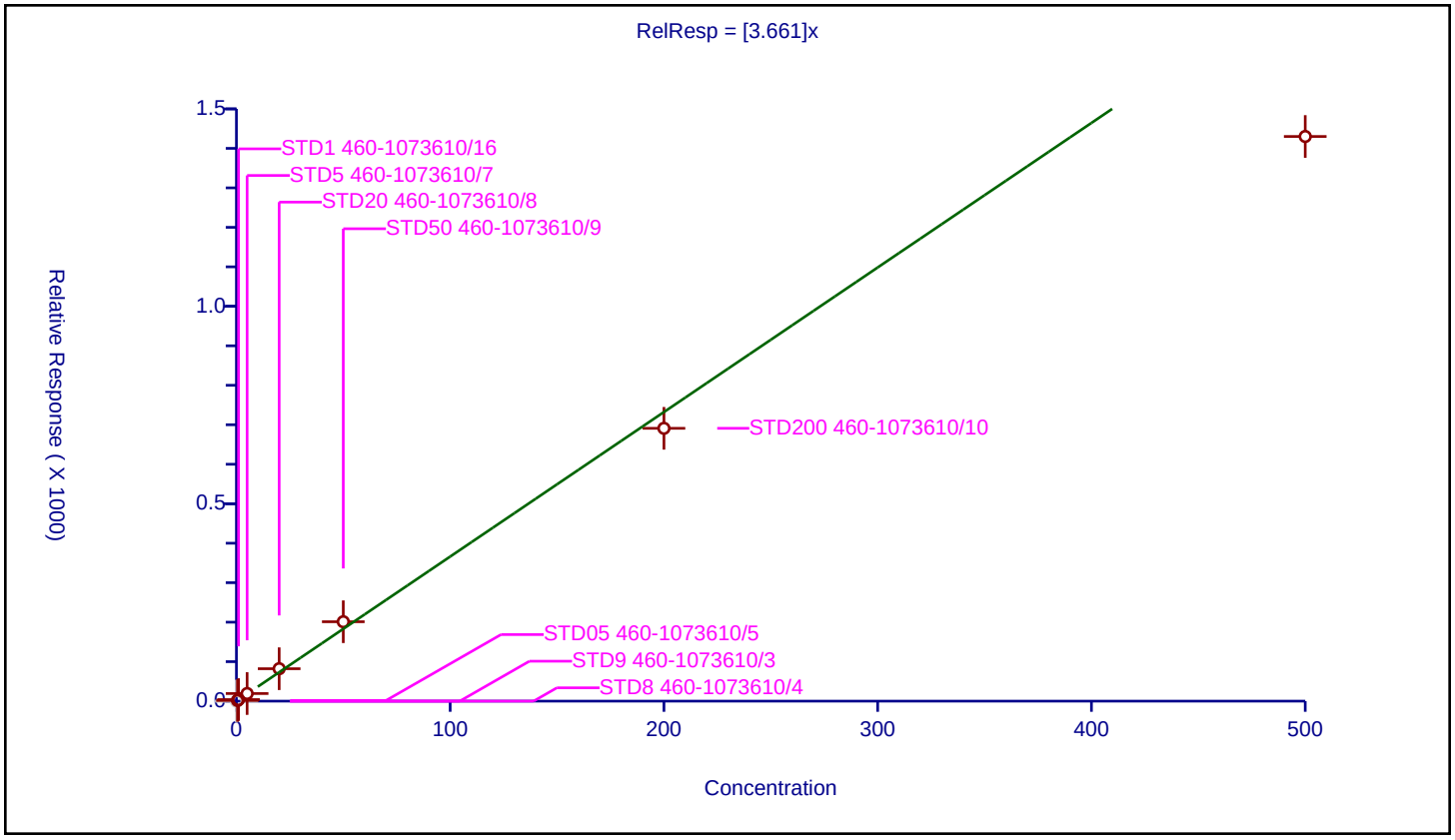
Curve Coefficients

Intercept:	0
Slope:	3.661

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	1.700683	50.0	250076.0	3.401366	Y
4	STD1 460-1073610/16	1.0	3.937375	50.0	240541.0	3.937375	Y
5	STD5 460-1073610/7	5.0	19.229242	50.0	254282.0	3.845848	Y
6	STD20 460-1073610/8	20.0	82.128182	50.0	253827.0	4.106409	Y
7	STD50 460-1073610/9	50.0	201.115228	50.0	250442.0	4.022305	Y
8	STD200 460-1073610/10	200.0	690.961595	50.0	244656.0	3.454808	Y
9	STD500 460-1073610/11	500.0	1430.098207	50.0	239697.0	2.860196	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

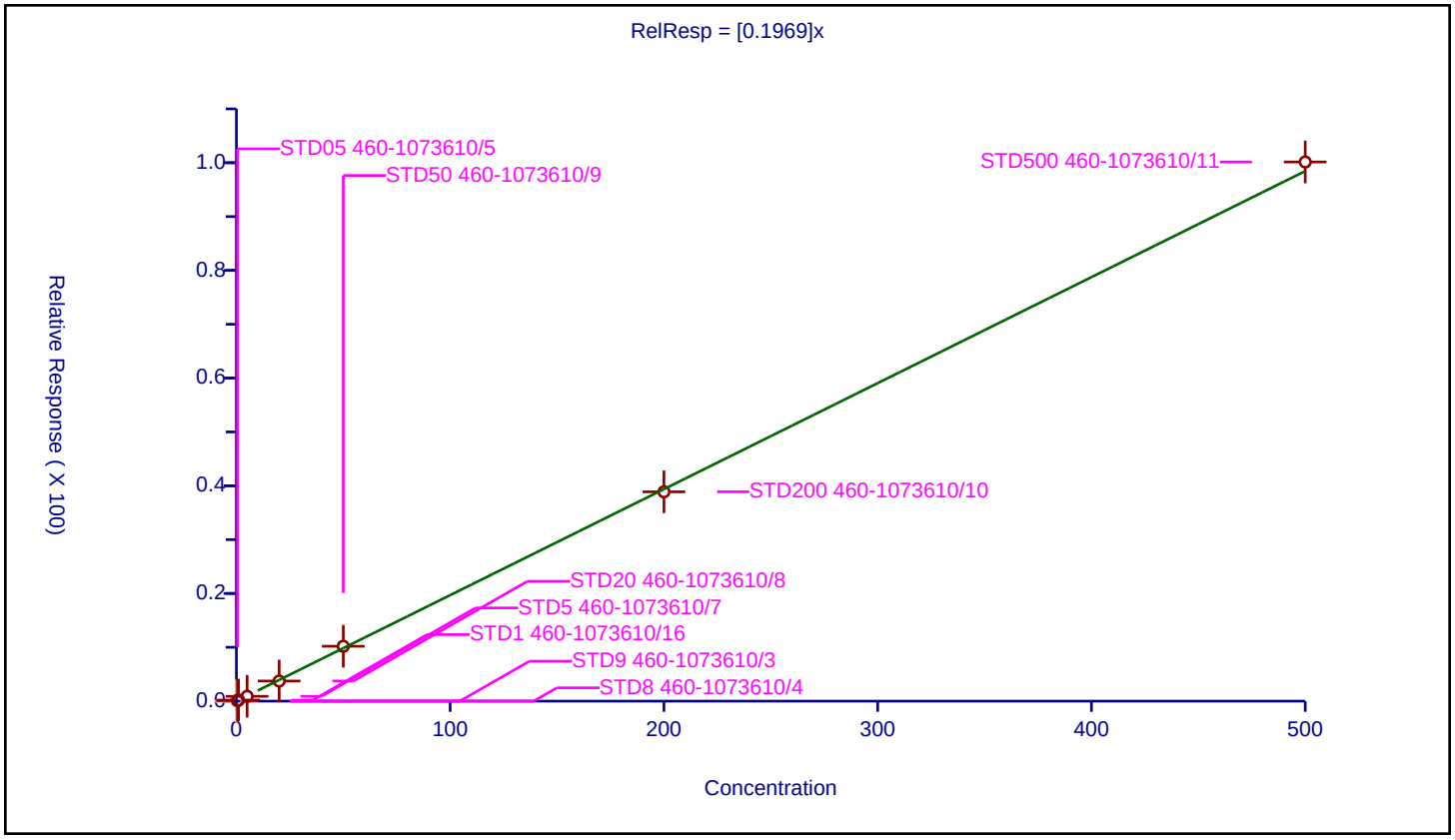
Curve Coefficients

Intercept:	0
Slope:	0.1969

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.108767	50.0	250076.0	0.217534	Y
4	STD1 460-1073610/16	1.0	0.196016	50.0	240541.0	0.196016	Y
5	STD5 460-1073610/7	5.0	0.895659	50.0	254282.0	0.179132	Y
6	STD20 460-1073610/8	20.0	3.738767	50.0	253827.0	0.186938	Y
7	STD50 460-1073610/9	50.0	10.19258	50.0	250442.0	0.203852	Y
8	STD200 460-1073610/10	200.0	38.879488	50.0	244656.0	0.194397	Y
9	STD500 460-1073610/11	500.0	100.140386	50.0	239697.0	0.200281	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

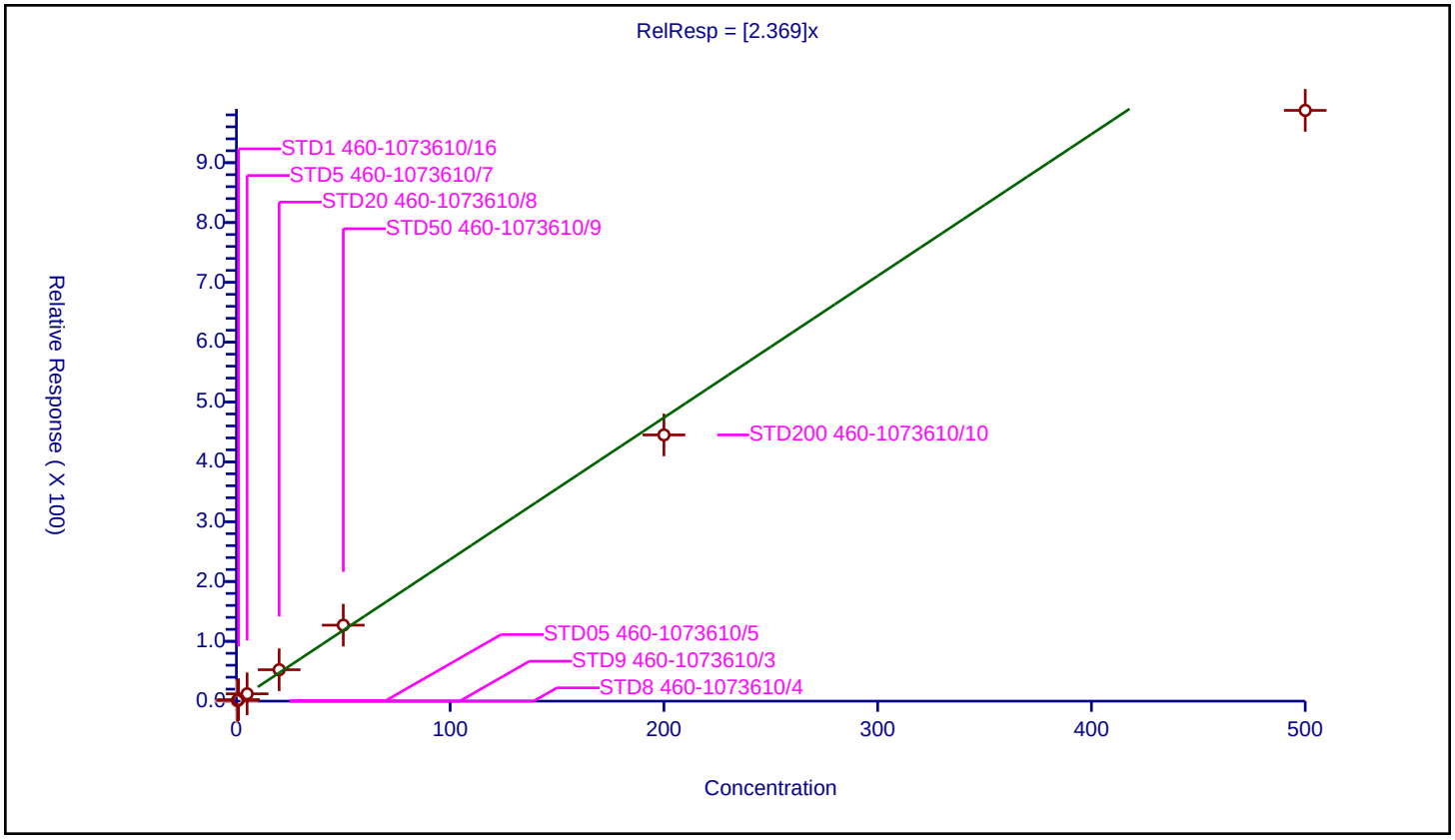
Curve Coefficients

Intercept:	0
Slope:	2.369

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	1.131056	50.0	250076.0	2.262112	Y
4	STD1 460-1073610/16	1.0	2.507265	50.0	240541.0	2.507265	Y
5	STD5 460-1073610/7	5.0	12.257848	50.0	254282.0	2.45157	Y
6	STD20 460-1073610/8	20.0	52.495203	50.0	253827.0	2.62476	Y
7	STD50 460-1073610/9	50.0	126.980898	50.0	250442.0	2.539618	Y
8	STD200 460-1073610/10	200.0	445.001553	50.0	244656.0	2.225008	Y
9	STD500 460-1073610/11	500.0	987.49588	50.0	239697.0	1.974992	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

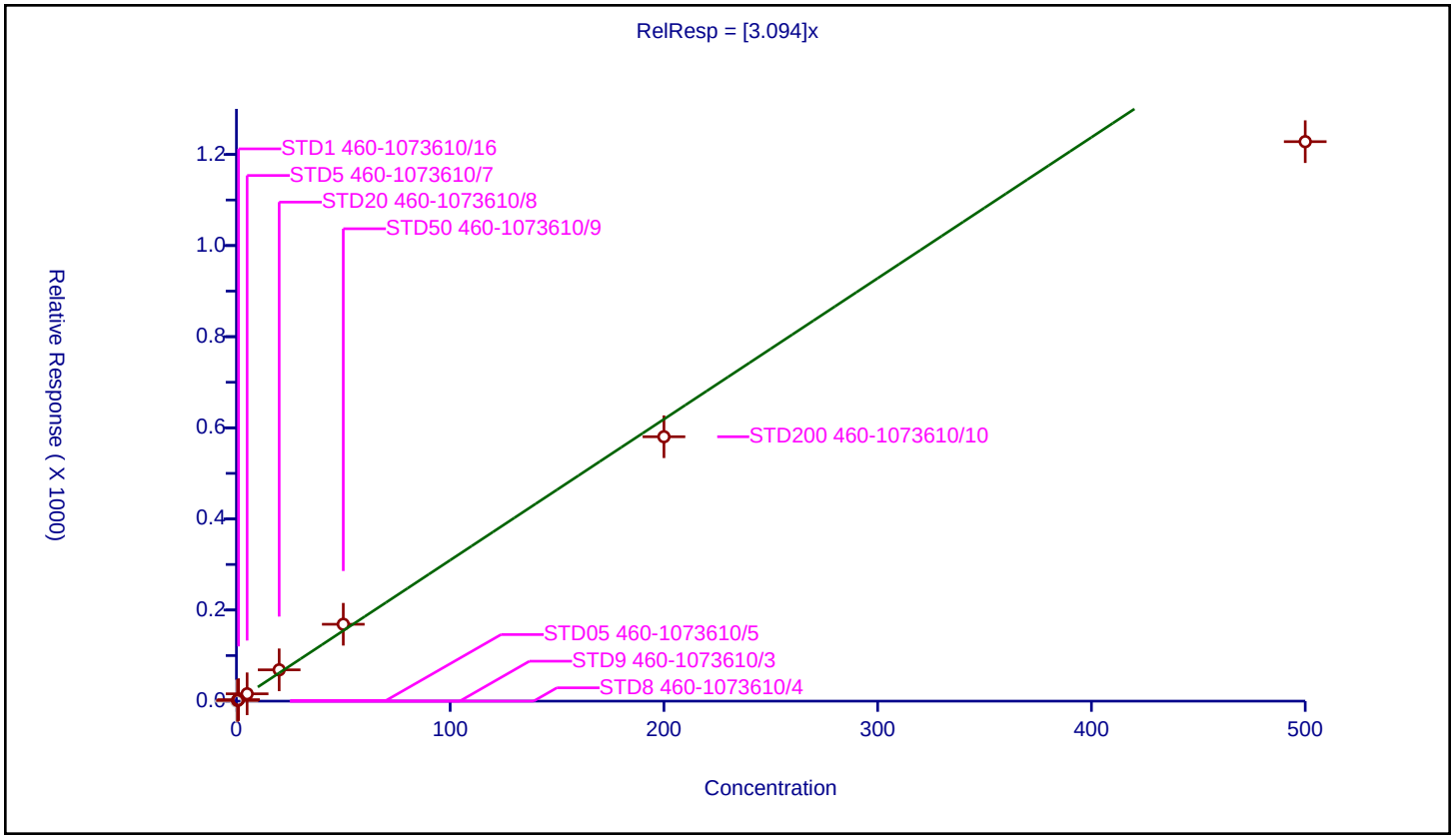
Curve Coefficients

Intercept:	0
Slope:	3.094

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	1.499144	50.0	250076.0	2.998289	Y
4	STD1 460-1073610/16	1.0	3.268466	50.0	240541.0	3.268466	Y
5	STD5 460-1073610/7	5.0	16.107117	50.0	254282.0	3.221423	Y
6	STD20 460-1073610/8	20.0	68.74643	50.0	253827.0	3.437321	Y
7	STD50 460-1073610/9	50.0	168.755041	50.0	250442.0	3.375101	Y
8	STD200 460-1073610/10	200.0	580.378368	50.0	244656.0	2.901892	Y
9	STD500 460-1073610/11	500.0	1228.064181	50.0	239697.0	2.456128	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

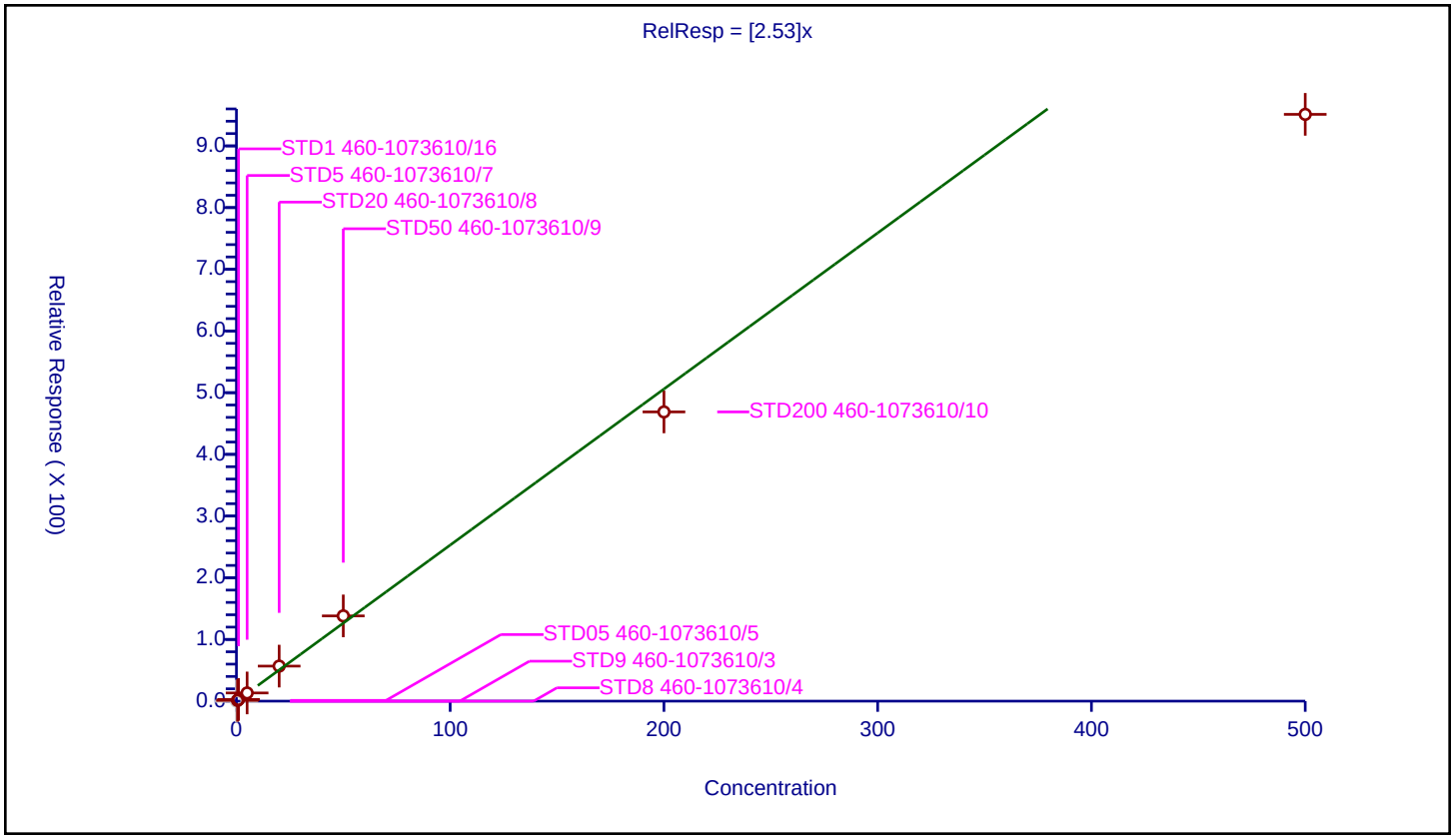
Curve Coefficients

Intercept:	0
Slope:	2.53

Error Coefficients

Relative Standard Deviation:	12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	1.247621	50.0	250076.0	2.495241	Y
4	STD1 460-1073610/16	1.0	2.708686	50.0	240541.0	2.708686	Y
5	STD5 460-1073610/7	5.0	13.26952	50.0	254282.0	2.653904	Y
6	STD20 460-1073610/8	20.0	56.791634	50.0	253827.0	2.839582	Y
7	STD50 460-1073610/9	50.0	138.1787	50.0	250442.0	2.763574	Y
8	STD200 460-1073610/10	200.0	468.822551	50.0	244656.0	2.344113	Y
9	STD500 460-1073610/11	500.0	951.154374	50.0	239697.0	1.902309	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

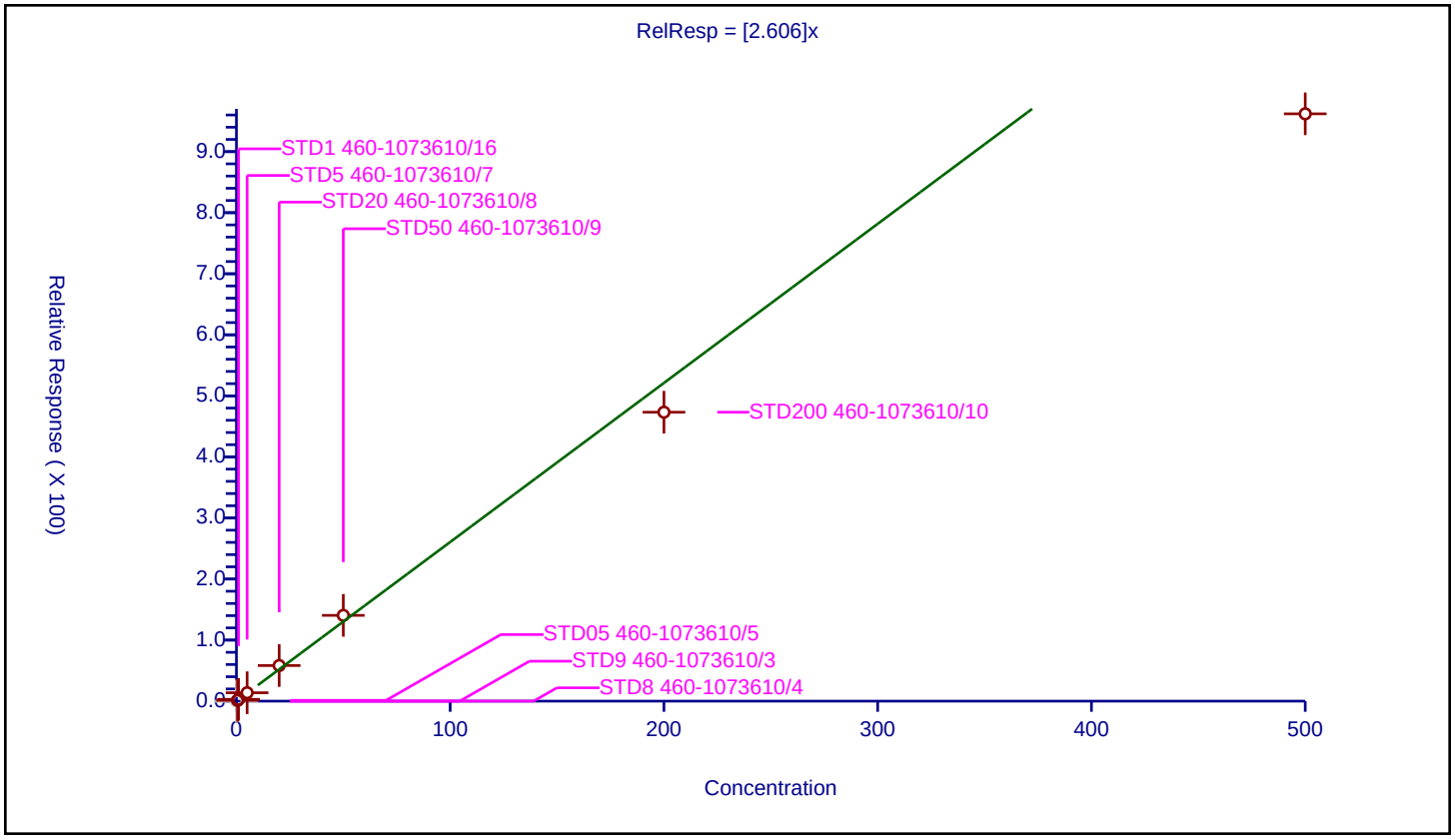
Curve Coefficients

Intercept:	0
Slope:	2.606

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	1.276612	50.0	250076.0	2.553224	Y
4	STD1 460-1073610/16	1.0	2.922994	50.0	240541.0	2.922994	Y
5	STD5 460-1073610/7	5.0	13.746942	50.0	254282.0	2.749388	Y
6	STD20 460-1073610/8	20.0	58.290292	50.0	253827.0	2.914515	Y
7	STD50 460-1073610/9	50.0	140.484224	50.0	250442.0	2.809684	Y
8	STD200 460-1073610/10	200.0	473.252853	50.0	244656.0	2.366264	Y
9	STD500 460-1073610/11	500.0	961.93027	50.0	239697.0	1.923861	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

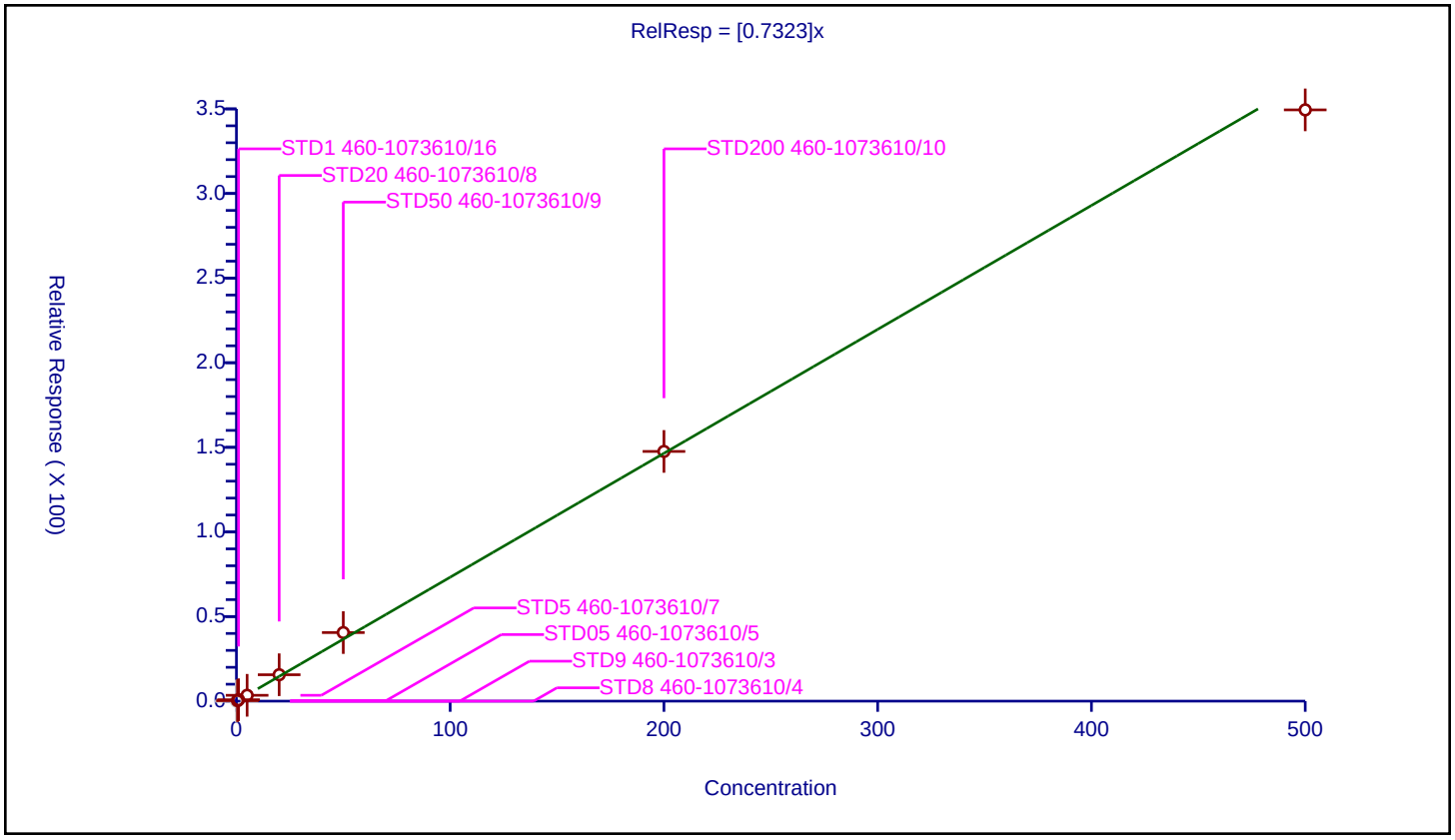
Curve Coefficients

Intercept:	0
Slope:	0.7323

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.288912	50.0	250076.0	0.577824	Y
4	STD1 460-1073610/16	1.0	0.831043	50.0	240541.0	0.831043	Y
5	STD5 460-1073610/7	5.0	3.449123	50.0	254282.0	0.689825	Y
6	STD20 460-1073610/8	20.0	15.612602	50.0	253827.0	0.78063	Y
7	STD50 460-1073610/9	50.0	40.51477	50.0	250442.0	0.810295	Y
8	STD200 460-1073610/10	200.0	147.562292	50.0	244656.0	0.737811	Y
9	STD500 460-1073610/11	500.0	349.422813	50.0	239697.0	0.698846	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

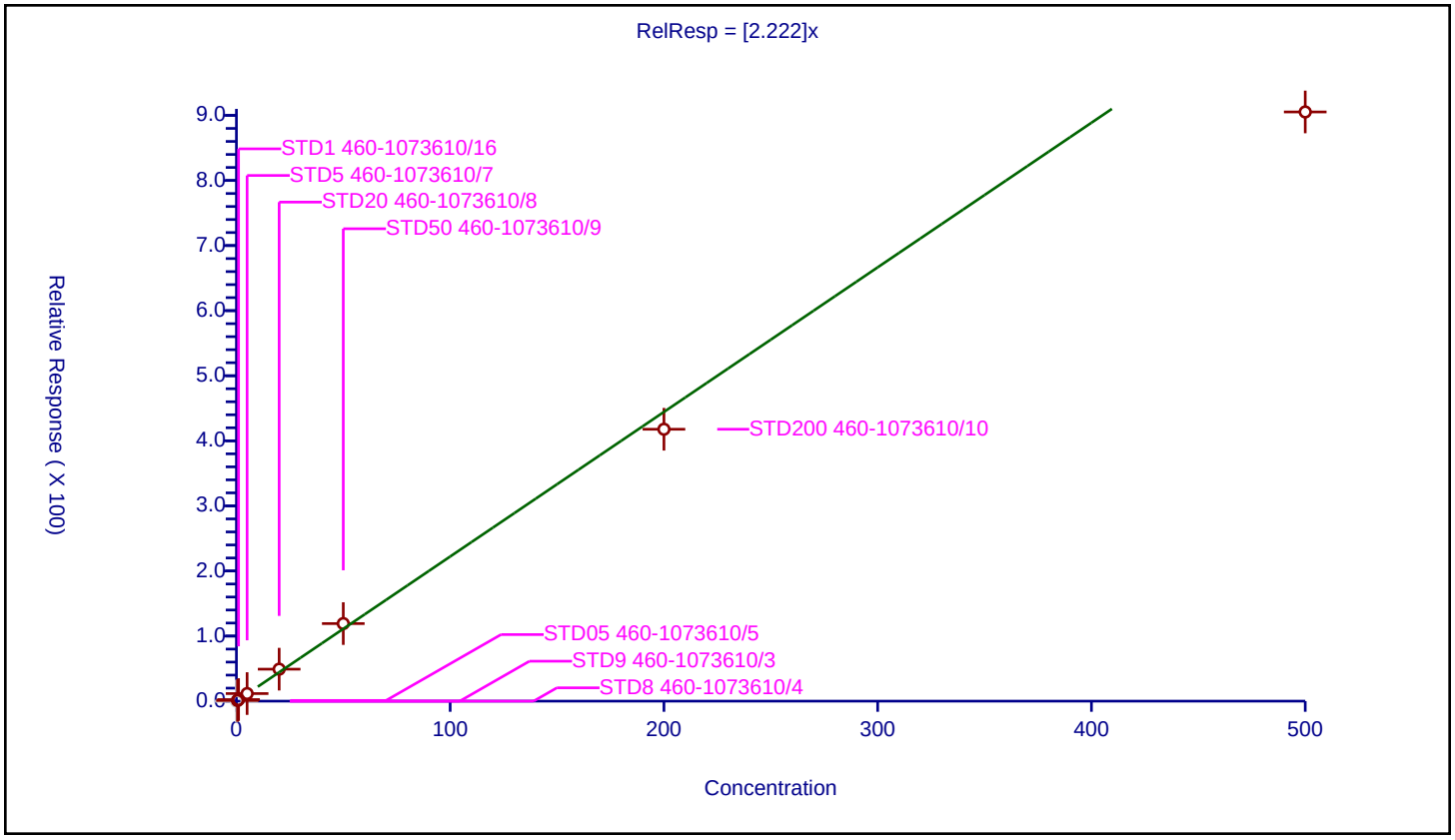
Curve Coefficients

Intercept:	0
Slope:	2.222

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	1.050281	50.0	250076.0	2.100561	Y
4	STD1 460-1073610/16	1.0	2.387743	50.0	240541.0	2.387743	Y
5	STD5 460-1073610/7	5.0	11.623906	50.0	254282.0	2.324781	Y
6	STD20 460-1073610/8	20.0	49.124995	50.0	253827.0	2.45625	Y
7	STD50 460-1073610/9	50.0	119.19107	50.0	250442.0	2.383821	Y
8	STD200 460-1073610/10	200.0	417.780067	50.0	244656.0	2.0889	Y
9	STD500 460-1073610/11	500.0	905.301276	50.0	239697.0	1.810603	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

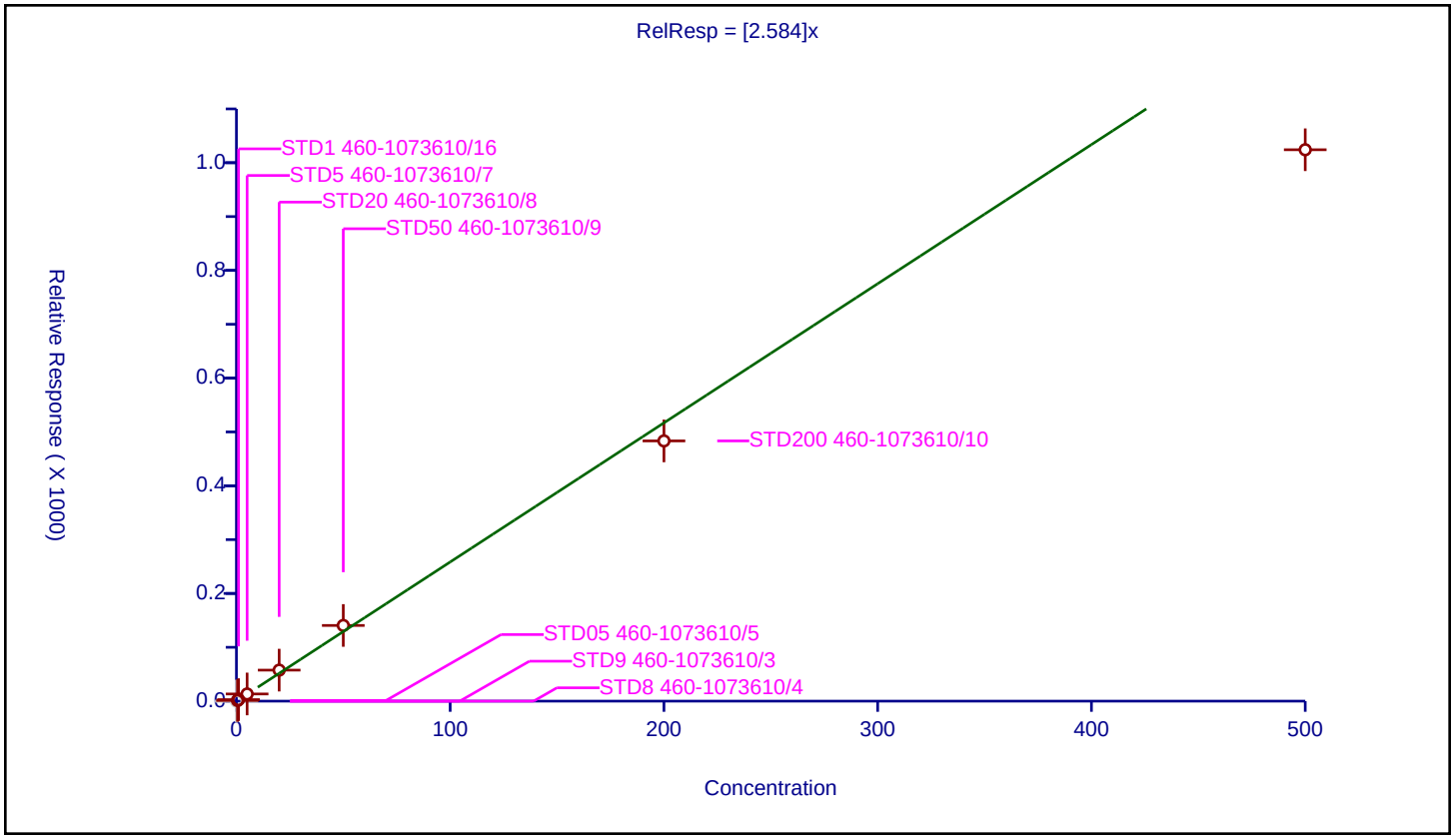
Curve Coefficients

Intercept:	0
Slope:	2.584

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	1.242622	50.0	250076.0	2.485244	Y
4	STD1 460-1073610/16	1.0	2.783309	50.0	240541.0	2.783309	Y
5	STD5 460-1073610/7	5.0	13.323004	50.0	254282.0	2.664601	Y
6	STD20 460-1073610/8	20.0	57.603998	50.0	253827.0	2.8802	Y
7	STD50 460-1073610/9	50.0	140.567077	50.0	250442.0	2.811342	Y
8	STD200 460-1073610/10	200.0	483.351318	50.0	244656.0	2.416757	Y
9	STD500 460-1073610/11	500.0	1024.111691	50.0	239697.0	2.048223	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

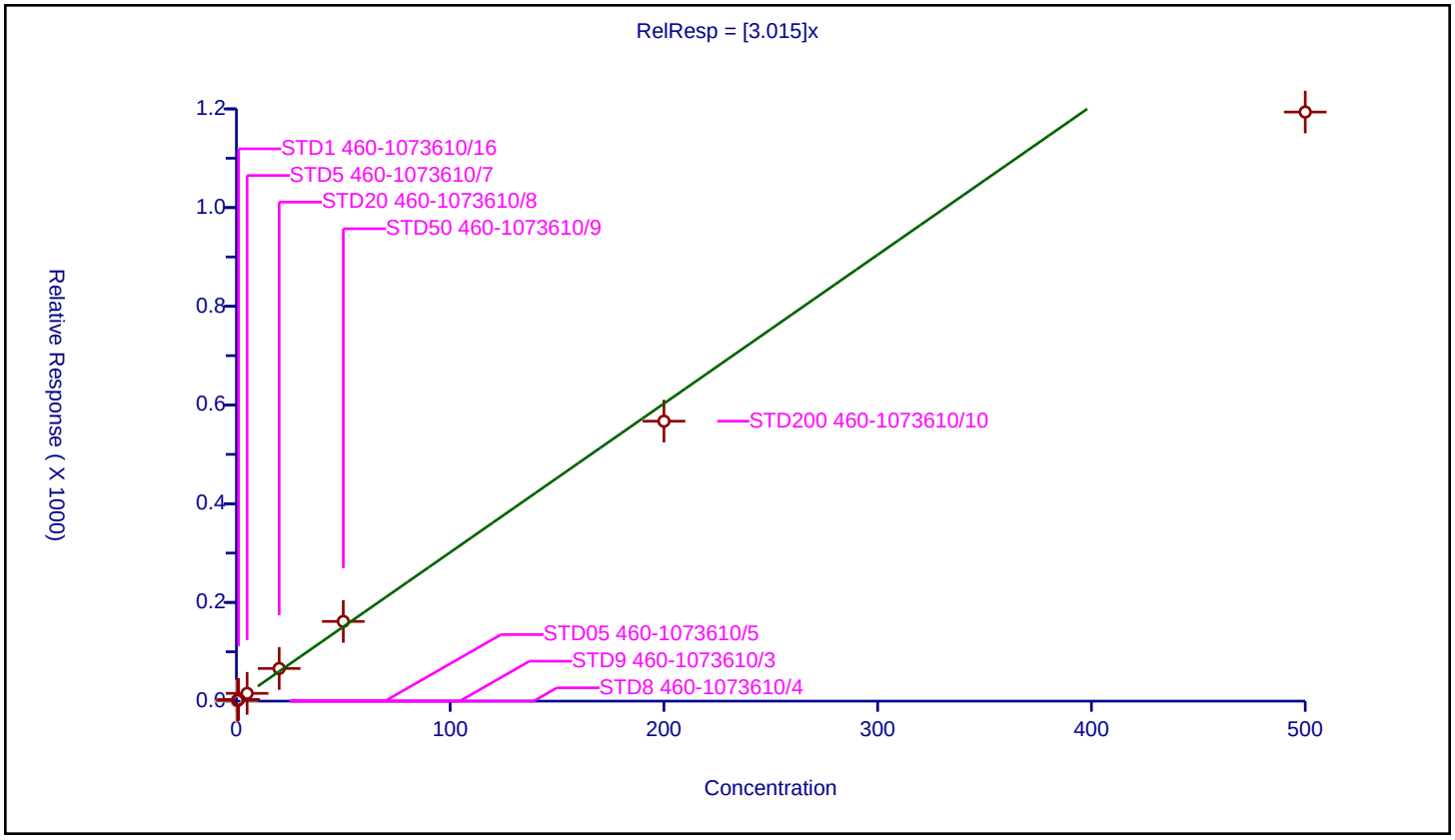
Curve Coefficients

Intercept:	0
Slope:	3.015

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	1.422568	50.0	250076.0	2.845135	Y
4	STD1 460-1073610/16	1.0	3.334151	50.0	240541.0	3.334151	Y
5	STD5 460-1073610/7	5.0	15.801748	50.0	254282.0	3.16035	Y
6	STD20 460-1073610/8	20.0	66.187403	50.0	253827.0	3.30937	Y
7	STD50 460-1073610/9	50.0	161.565951	50.0	250442.0	3.231319	Y
8	STD200 460-1073610/10	200.0	567.270167	50.0	244656.0	2.836351	Y
9	STD500 460-1073610/11	500.0	1193.651151	50.0	239697.0	2.387302	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

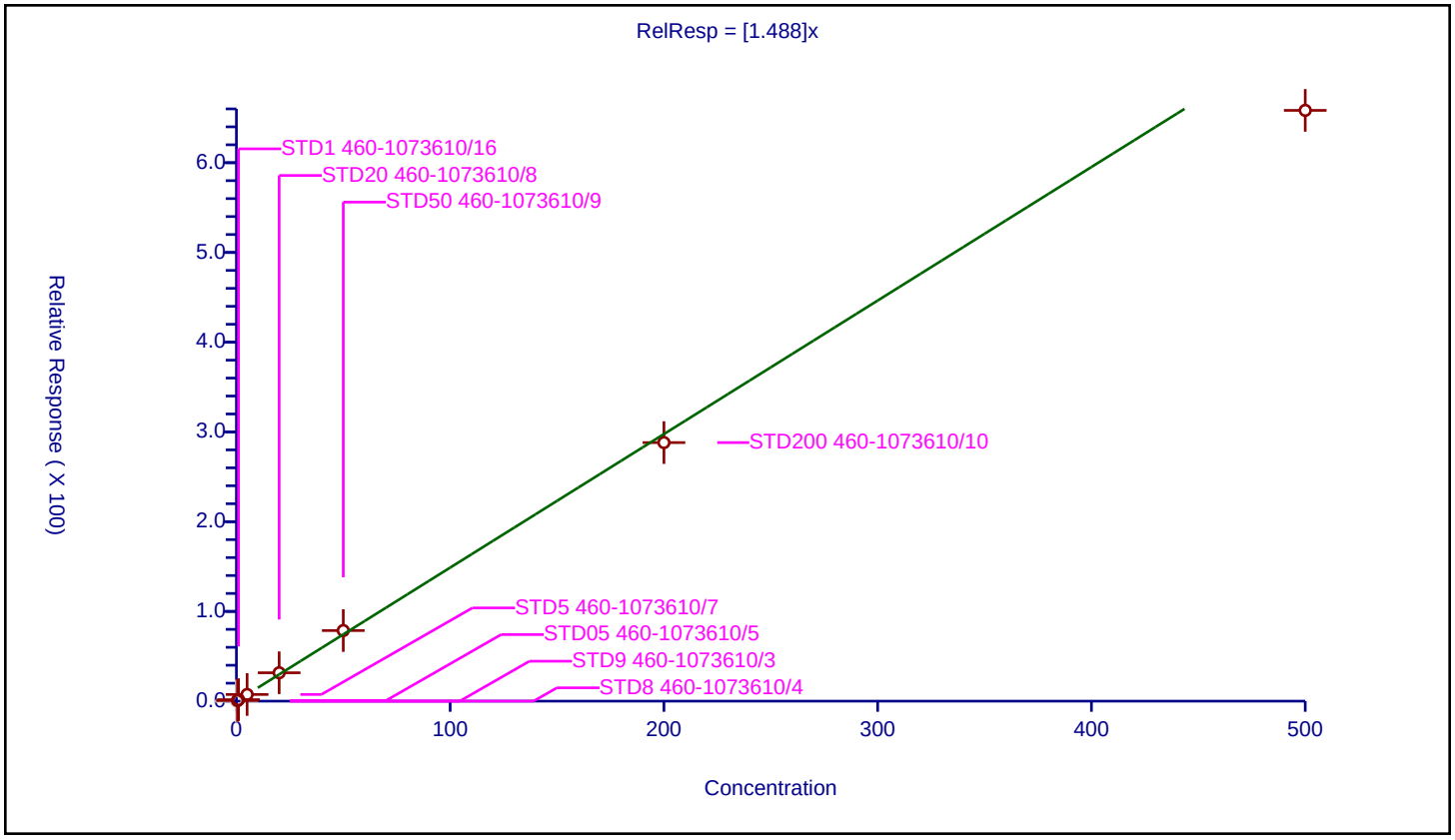
Curve Coefficients

Intercept:	0
Slope:	1.488

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.681393	50.0	250076.0	1.362786	Y
4	STD1 460-1073610/16	1.0	1.655435	50.0	240541.0	1.655435	Y
5	STD5 460-1073610/7	5.0	7.42817	50.0	254282.0	1.485634	Y
6	STD20 460-1073610/8	20.0	31.635917	50.0	253827.0	1.581796	Y
7	STD50 460-1073610/9	50.0	78.670511	50.0	250442.0	1.57341	Y
8	STD200 460-1073610/10	200.0	288.129046	50.0	244656.0	1.440645	Y
9	STD500 460-1073610/11	500.0	658.34491	50.0	239697.0	1.31669	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

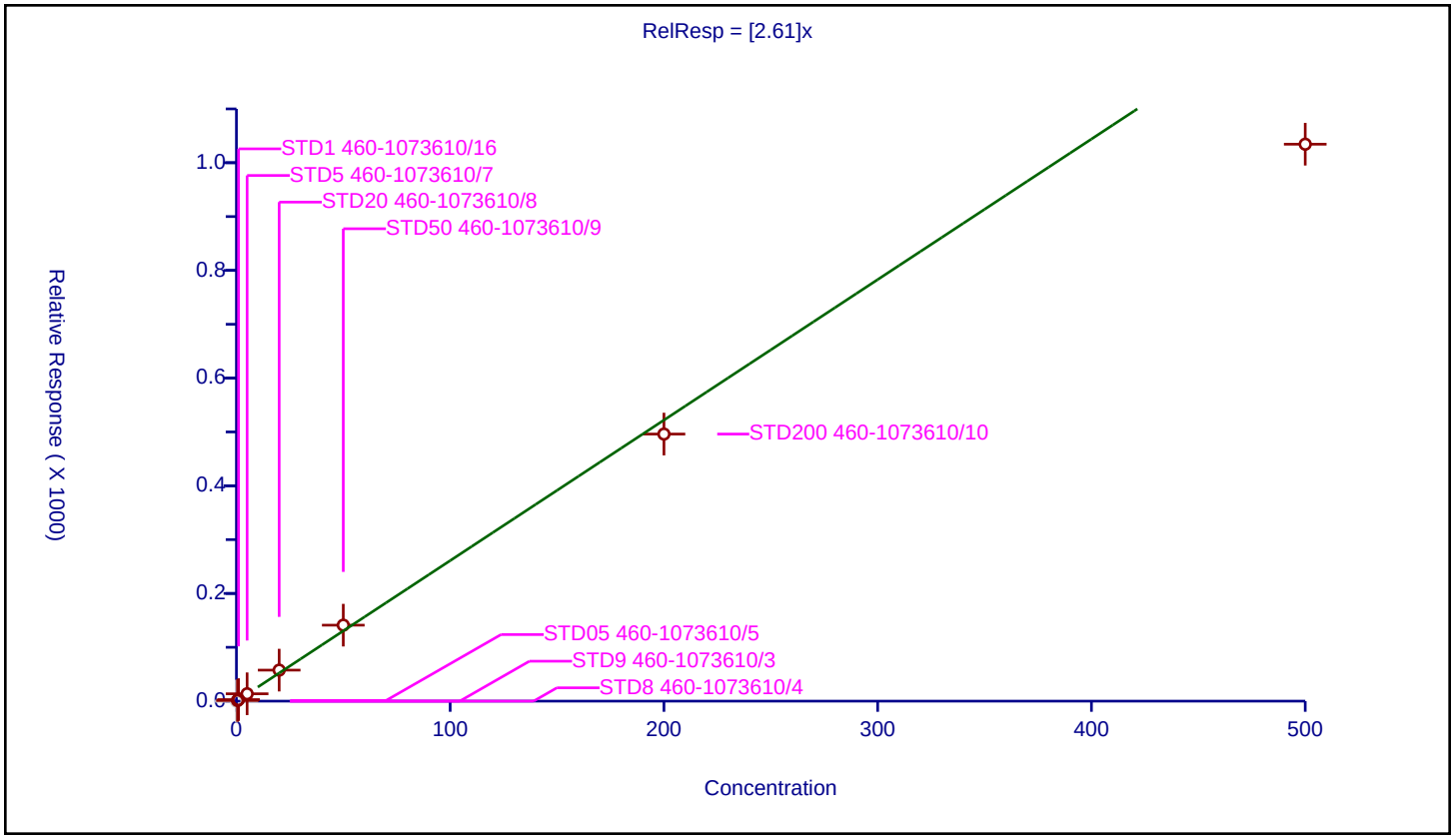
Curve Coefficients

Intercept:	0
Slope:	2.61

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	1.221629	50.0	250076.0	2.443257	Y
4	STD1 460-1073610/16	1.0	2.842759	50.0	240541.0	2.842759	Y
5	STD5 460-1073610/7	5.0	13.658458	50.0	254282.0	2.731692	Y
6	STD20 460-1073610/8	20.0	57.612468	50.0	253827.0	2.880623	Y
7	STD50 460-1073610/9	50.0	141.101333	50.0	250442.0	2.822027	Y
8	STD200 460-1073610/10	200.0	496.048533	50.0	244656.0	2.480243	Y
9	STD500 460-1073610/11	500.0	1034.411152	50.0	239697.0	2.068822	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

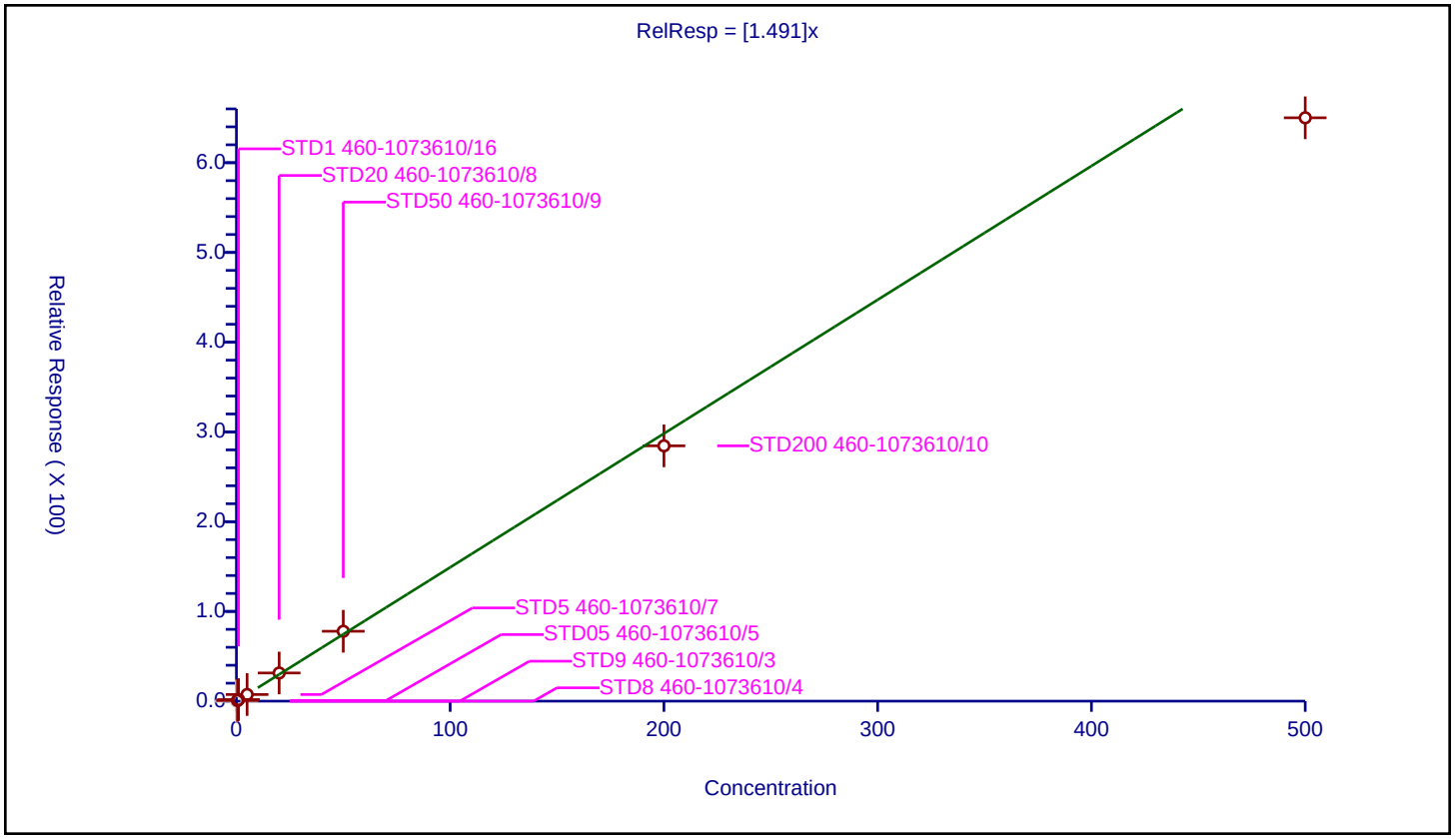
Curve Coefficients

Intercept:	0
Slope:	1.491

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.687391	50.0	250076.0	1.374782	Y
4	STD1 460-1073610/16	1.0	1.736087	50.0	240541.0	1.736087	Y
5	STD5 460-1073610/7	5.0	7.379995	50.0	254282.0	1.475999	Y
6	STD20 460-1073610/8	20.0	31.393232	50.0	253827.0	1.569662	Y
7	STD50 460-1073610/9	50.0	77.864935	50.0	250442.0	1.557299	Y
8	STD200 460-1073610/10	200.0	284.504365	50.0	244656.0	1.422522	Y
9	STD500 460-1073610/11	500.0	650.072592	50.0	239697.0	1.300145	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

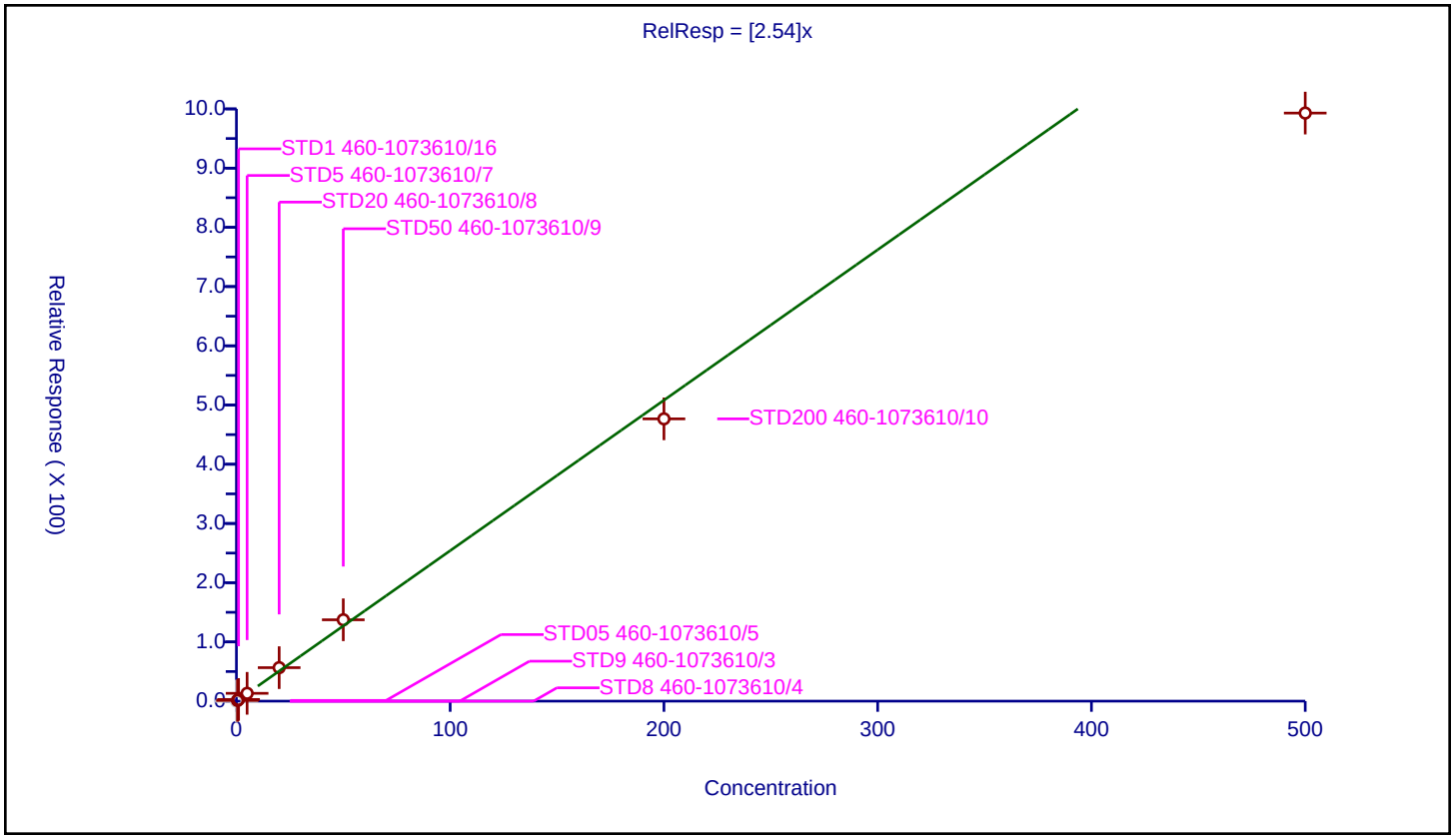
Curve Coefficients

Intercept:	0
Slope:	2.54

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	1.202035	50.0	250076.0	2.404069	Y
4	STD1 460-1073610/16	1.0	2.799523	50.0	240541.0	2.799523	Y
5	STD5 460-1073610/7	5.0	13.183002	50.0	254282.0	2.6366	Y
6	STD20 460-1073610/8	20.0	56.538902	50.0	253827.0	2.826945	Y
7	STD50 460-1073610/9	50.0	137.352361	50.0	250442.0	2.747047	Y
8	STD200 460-1073610/10	200.0	476.642306	50.0	244656.0	2.383212	Y
9	STD500 460-1073610/11	500.0	992.94234	50.0	239697.0	1.985885	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

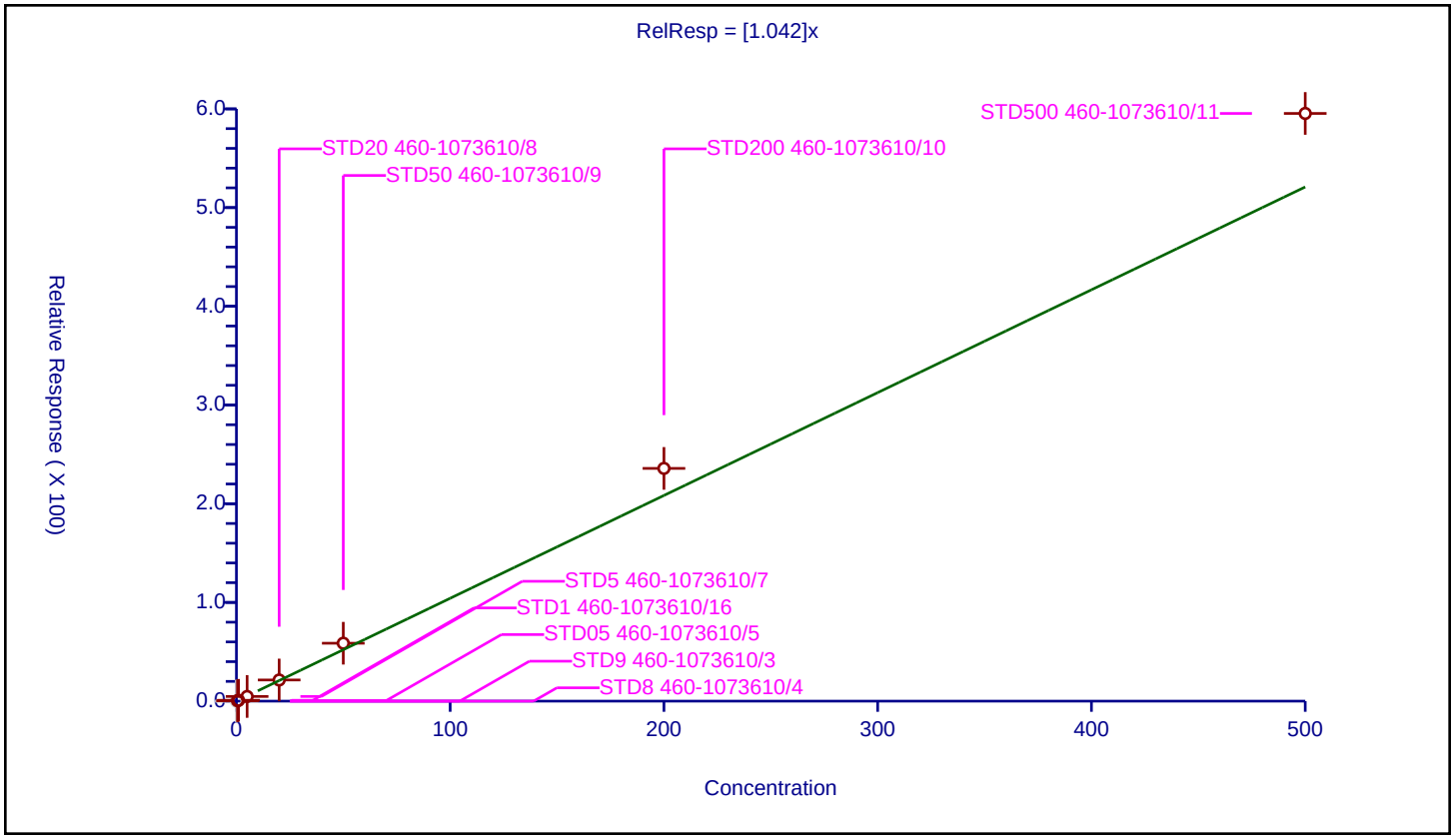
Curve Coefficients

Intercept:	0
Slope:	1.042

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.441866	50.0	250076.0	0.883731	Y
4	STD1 460-1073610/16	1.0	0.845594	50.0	240541.0	0.845594	Y
5	STD5 460-1073610/7	5.0	4.741979	50.0	254282.0	0.948396	Y
6	STD20 460-1073610/8	20.0	21.436254	50.0	253827.0	1.071813	Y
7	STD50 460-1073610/9	50.0	58.682649	50.0	250442.0	1.173653	Y
8	STD200 460-1073610/10	200.0	235.774925	50.0	244656.0	1.178875	Y
9	STD500 460-1073610/11	500.0	595.37416	50.0	239697.0	1.190748	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

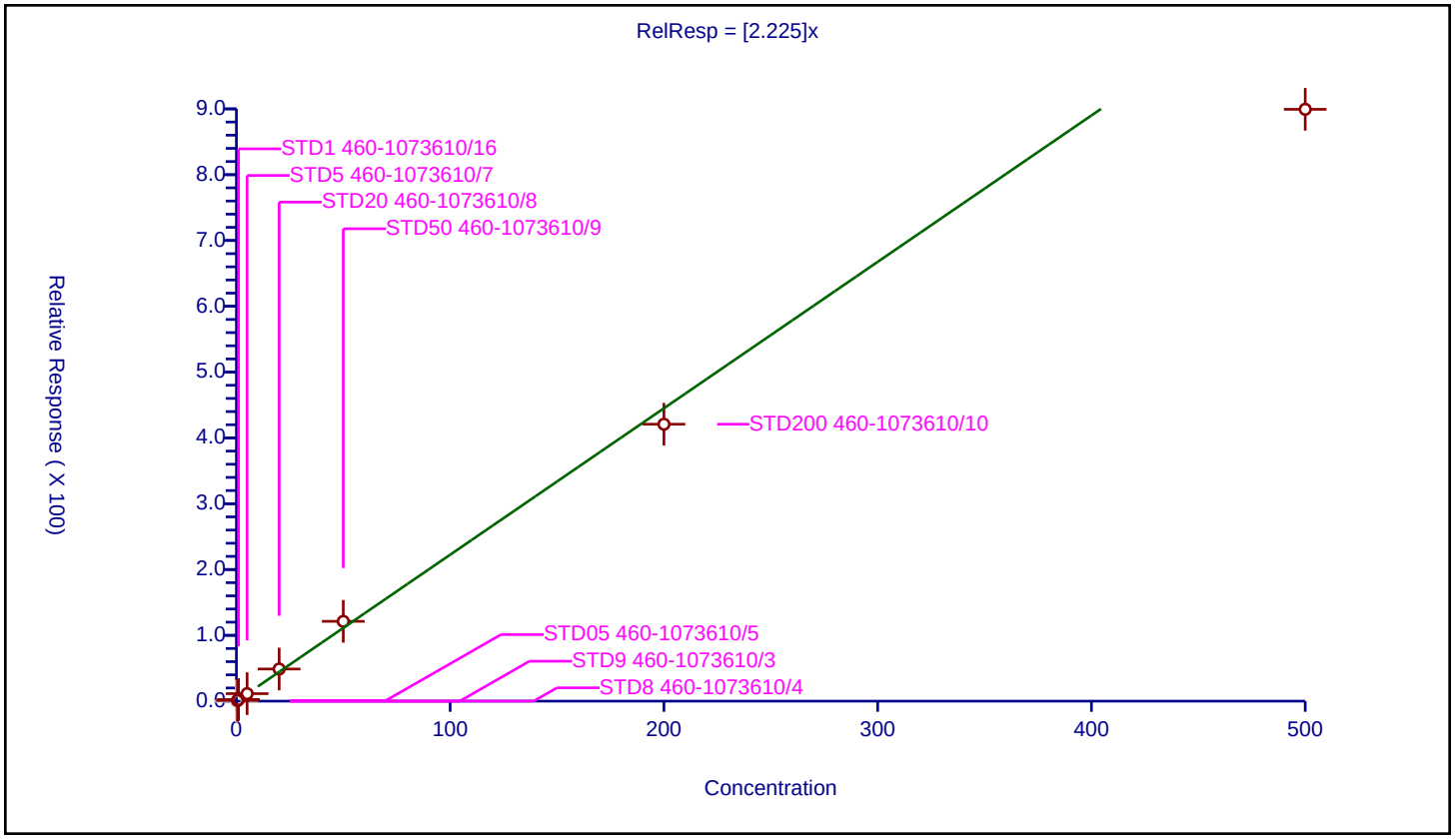
Curve Coefficients

Intercept:	0
Slope:	2.225

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	1.058078	50.0	250076.0	2.116157	Y
4	STD1 460-1073610/16	1.0	2.414973	50.0	240541.0	2.414973	Y
5	STD5 460-1073610/7	5.0	11.375166	50.0	254282.0	2.275033	Y
6	STD20 460-1073610/8	20.0	48.833457	50.0	253827.0	2.441673	Y
7	STD50 460-1073610/9	50.0	121.264205	50.0	250442.0	2.425284	Y
8	STD200 460-1073610/10	200.0	420.809627	50.0	244656.0	2.104048	Y
9	STD500 460-1073610/11	500.0	899.360443	50.0	239697.0	1.798721	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

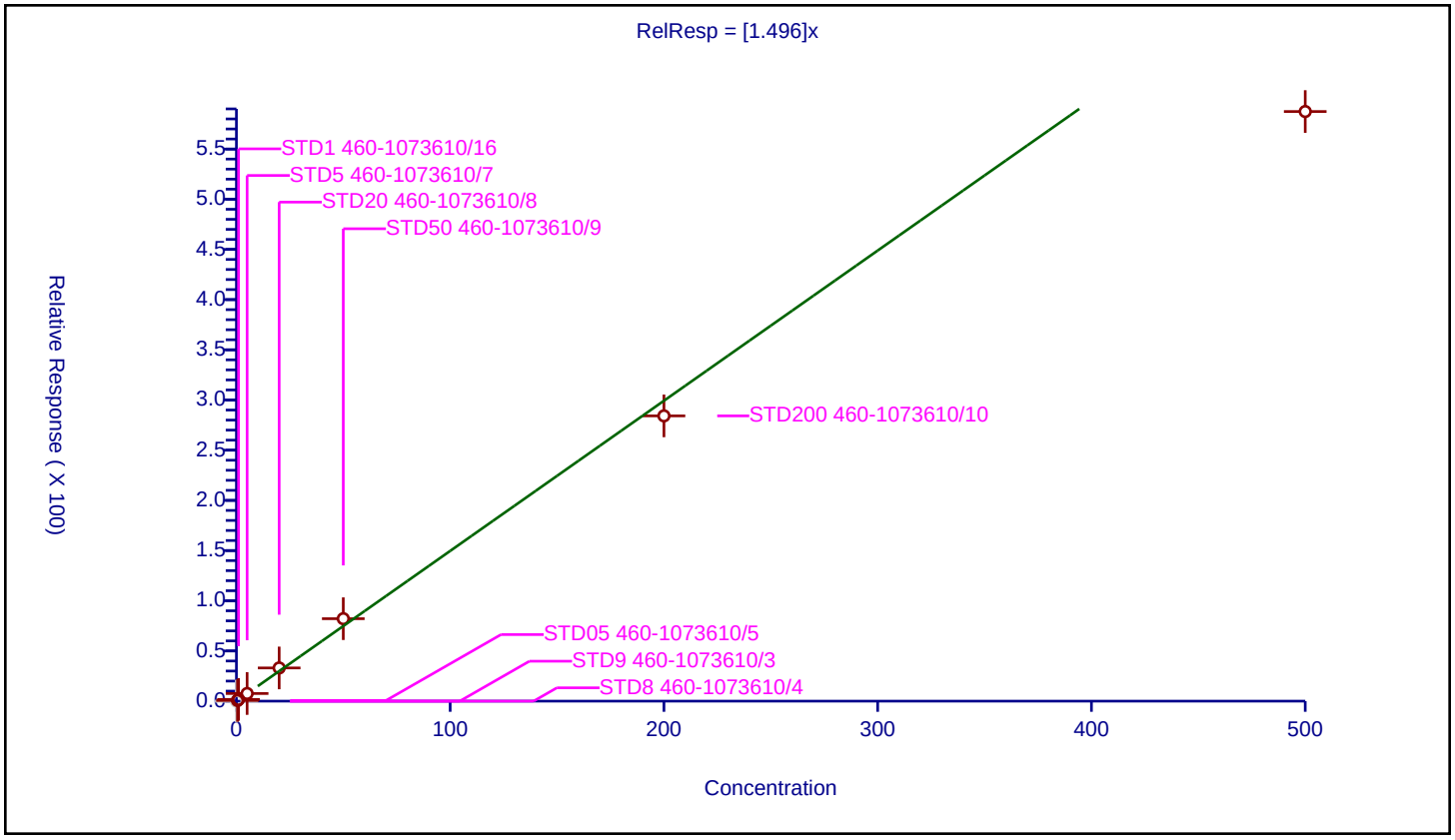
Curve Coefficients

Intercept:	0
Slope:	1.496

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.671996	50.0	250076.0	1.343991	Y
4	STD1 460-1073610/16	1.0	1.718834	50.0	240541.0	1.718834	Y
5	STD5 460-1073610/7	5.0	7.591965	50.0	254282.0	1.518393	Y
6	STD20 460-1073610/8	20.0	33.082178	50.0	253827.0	1.654109	Y
7	STD50 460-1073610/9	50.0	82.136782	50.0	250442.0	1.642736	Y
8	STD200 460-1073610/10	200.0	284.185755	50.0	244656.0	1.420929	Y
9	STD500 460-1073610/11	500.0	587.374268	50.0	239697.0	1.174749	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

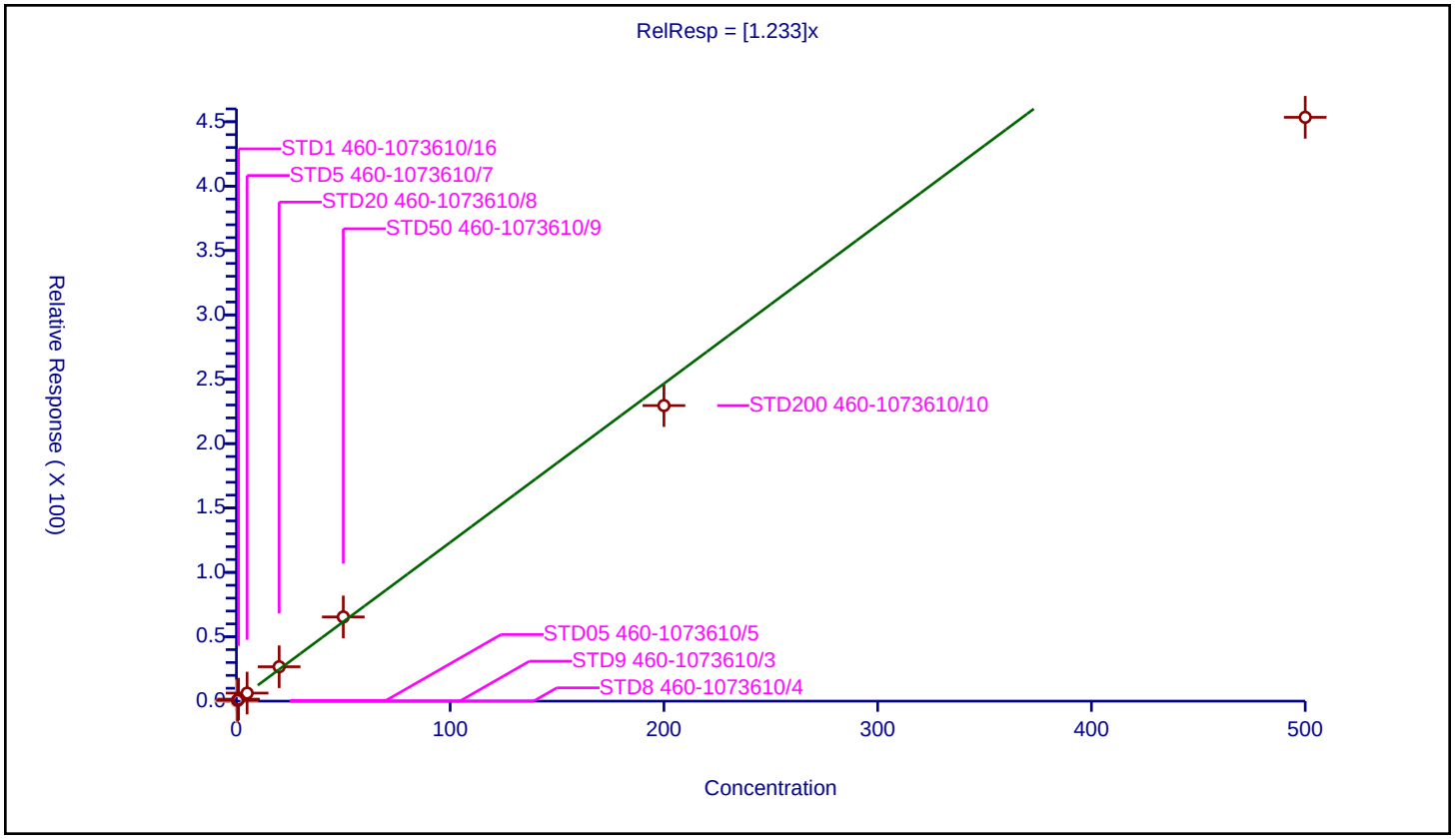
Curve Coefficients

Intercept:	0
Slope:	1.233

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.566628	50.0	250076.0	1.133255	Y
4	STD1 460-1073610/16	1.0	1.549216	50.0	240541.0	1.549216	Y
5	STD5 460-1073610/7	5.0	6.254867	50.0	254282.0	1.250973	Y
6	STD20 460-1073610/8	20.0	26.712879	50.0	253827.0	1.335644	Y
7	STD50 460-1073610/9	50.0	65.391987	50.0	250442.0	1.30784	Y
8	STD200 460-1073610/10	200.0	229.567638	50.0	244656.0	1.147838	Y
9	STD500 460-1073610/11	500.0	453.456447	50.0	239697.0	0.906913	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

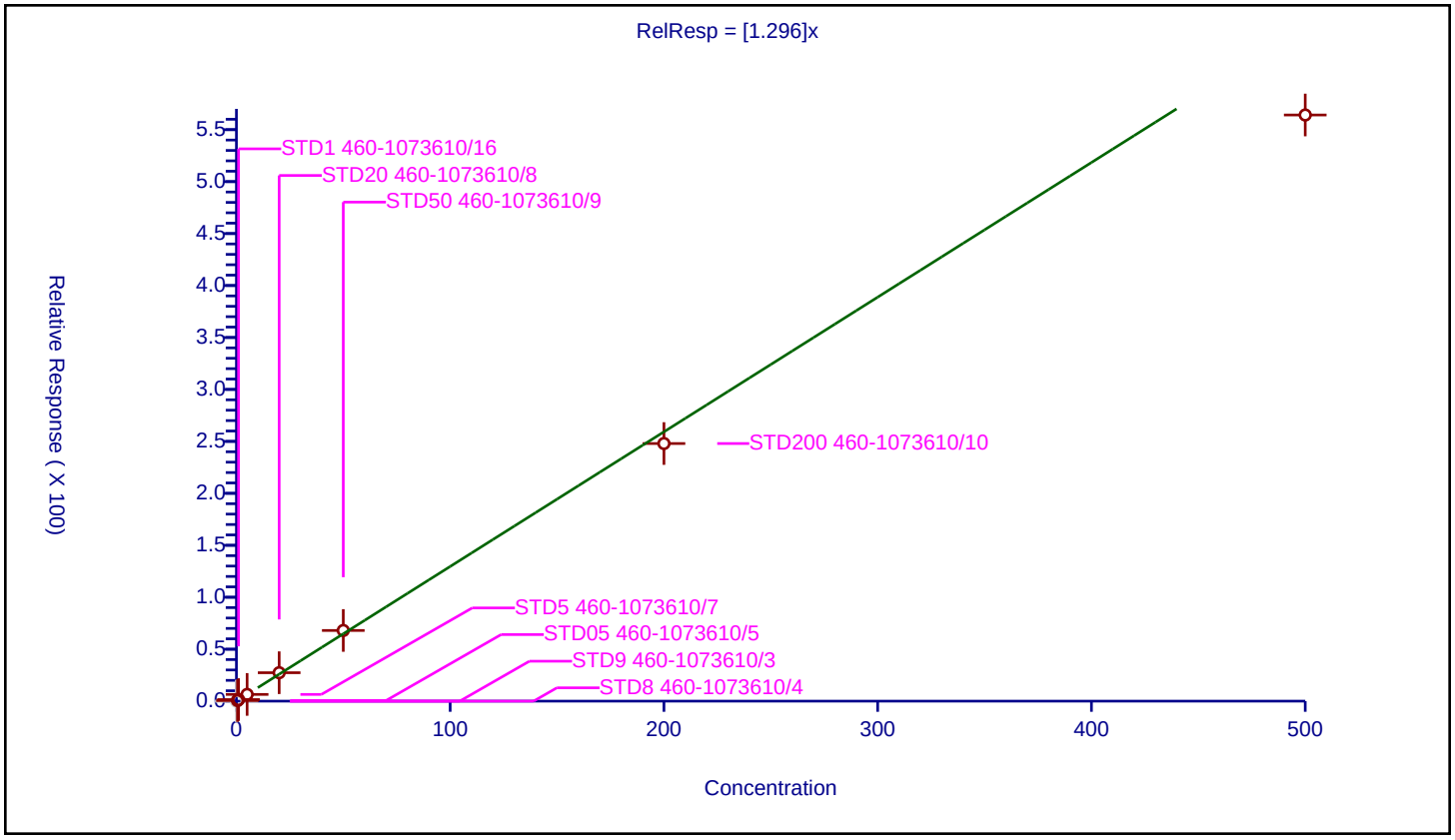
Curve Coefficients

Intercept:	0
Slope:	1.296

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.588821	50.0	250076.0	1.177642	Y
4	STD1 460-1073610/16	1.0	1.502862	50.0	240541.0	1.502862	Y
5	STD5 460-1073610/7	5.0	6.472735	50.0	254282.0	1.294547	Y
6	STD20 460-1073610/8	20.0	27.374156	50.0	253827.0	1.368708	Y
7	STD50 460-1073610/9	50.0	68.015349	50.0	250442.0	1.360307	Y
8	STD200 460-1073610/10	200.0	247.948139	50.0	244656.0	1.239741	Y
9	STD500 460-1073610/11	500.0	564.117824	50.0	239697.0	1.128236	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

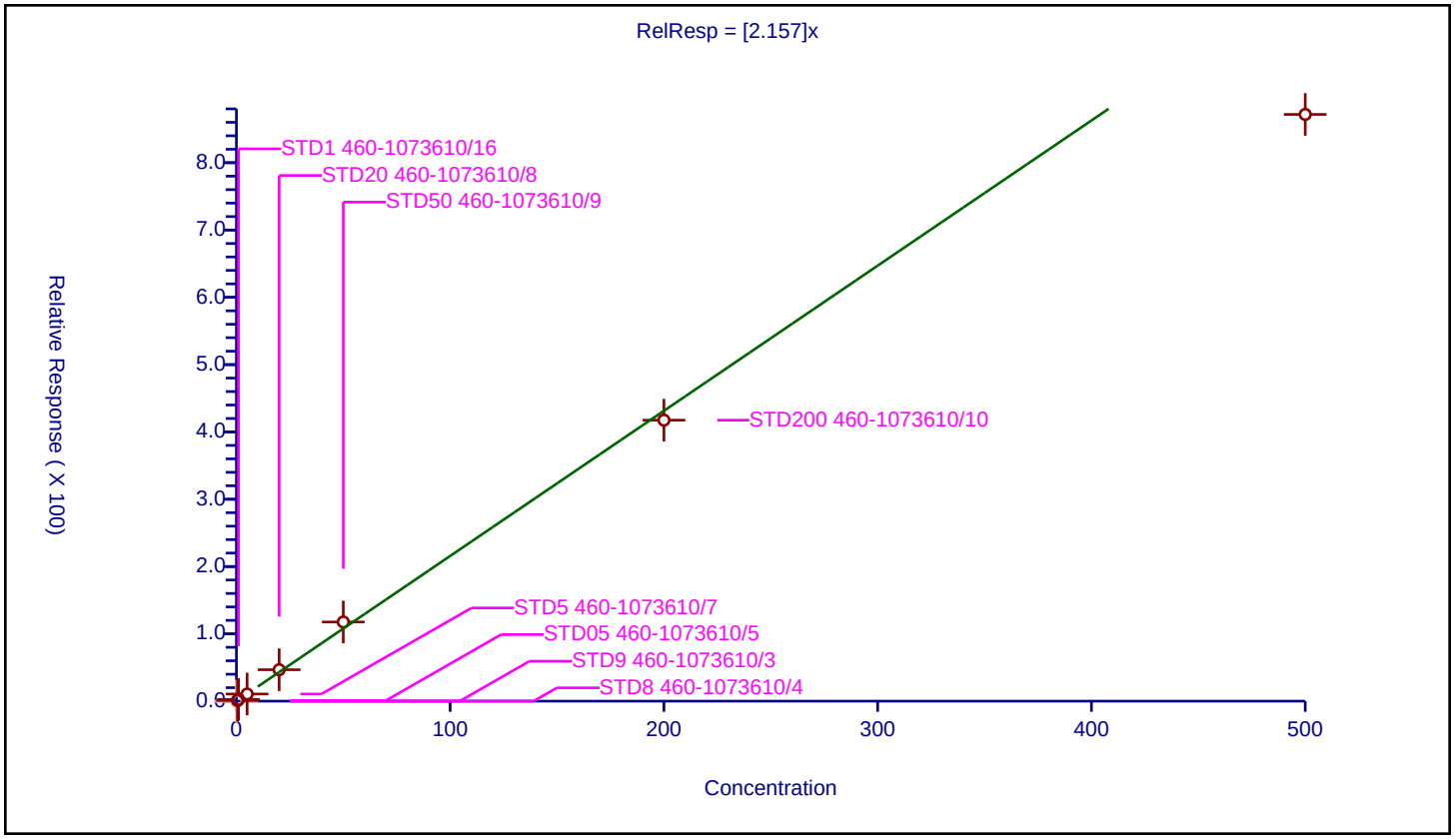
Curve Coefficients

Intercept:	0
Slope:	2.157

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.95351	50.0	250076.0	1.90702	Y
4	STD1 460-1073610/16	1.0	2.553827	50.0	240541.0	2.553827	Y
5	STD5 460-1073610/7	5.0	10.599453	50.0	254282.0	2.119891	Y
6	STD20 460-1073610/8	20.0	46.683174	50.0	253827.0	2.334159	Y
7	STD50 460-1073610/9	50.0	117.605873	50.0	250442.0	2.352117	Y
8	STD200 460-1073610/10	200.0	417.49579	50.0	244656.0	2.087479	Y
9	STD500 460-1073610/11	500.0	871.771862	50.0	239697.0	1.743544	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

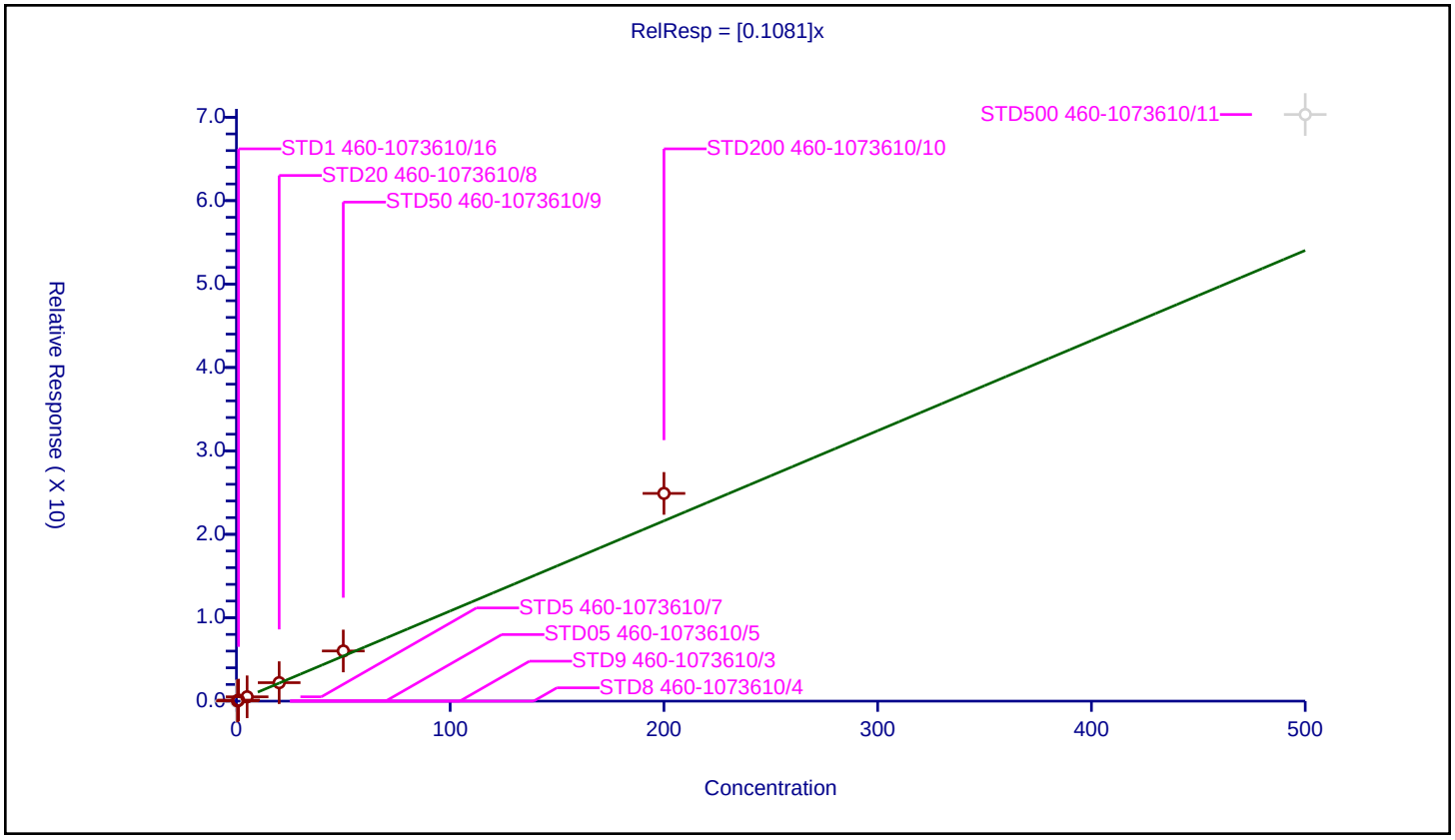
Curve Coefficients

Intercept:	0
Slope:	0.1081

Error Coefficients

Relative Standard Deviation:	19.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.03359	50.0	250076.0	0.06718	Y
4	STD1 460-1073610/16	1.0	0.122017	50.0	240541.0	0.122017	Y
5	STD5 460-1073610/7	5.0	0.518715	50.0	254282.0	0.103743	Y
6	STD20 460-1073610/8	20.0	2.213516	50.0	253827.0	0.110676	Y
7	STD50 460-1073610/9	50.0	6.012769	50.0	250442.0	0.120255	Y
8	STD200 460-1073610/10	200.0	24.903947	50.0	244656.0	0.12452	Y
9	STD500 460-1073610/11	500.0	70.32587	50.0	239697.0	0.140652	N



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

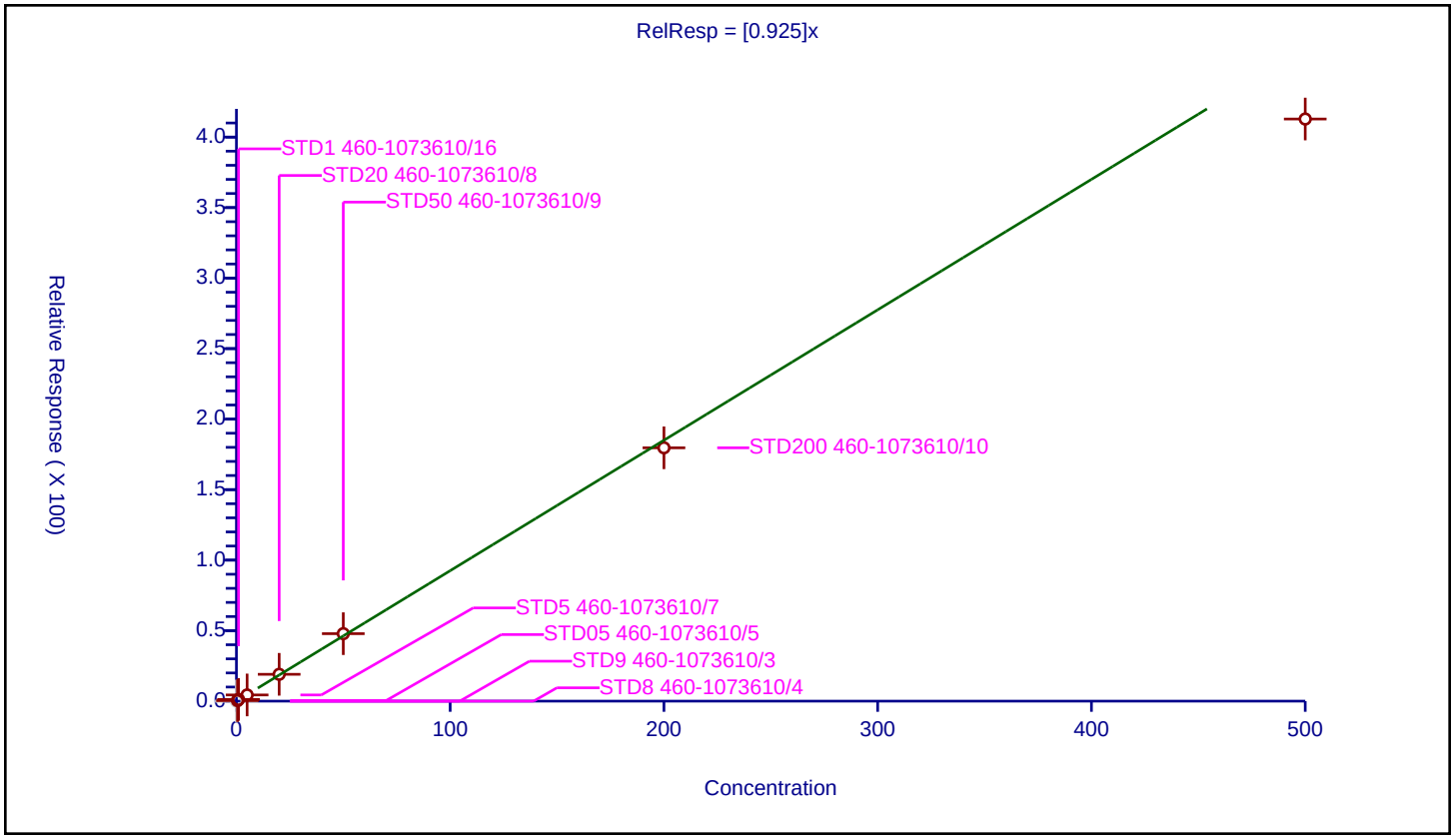
Curve Coefficients

Intercept:	0
Slope:	0.925

Error Coefficients

Relative Standard Deviation:	15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.380684	50.0	250076.0	0.761369	Y
4	STD1 460-1073610/16	1.0	1.203537	50.0	240541.0	1.203537	Y
5	STD5 460-1073610/7	5.0	4.390794	50.0	254282.0	0.878159	Y
6	STD20 460-1073610/8	20.0	19.024178	50.0	253827.0	0.951209	Y
7	STD50 460-1073610/9	50.0	47.855192	50.0	250442.0	0.957104	Y
8	STD200 460-1073610/10	200.0	179.65286	50.0	244656.0	0.898264	Y
9	STD500 460-1073610/11	500.0	412.818475	50.0	239697.0	0.825637	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

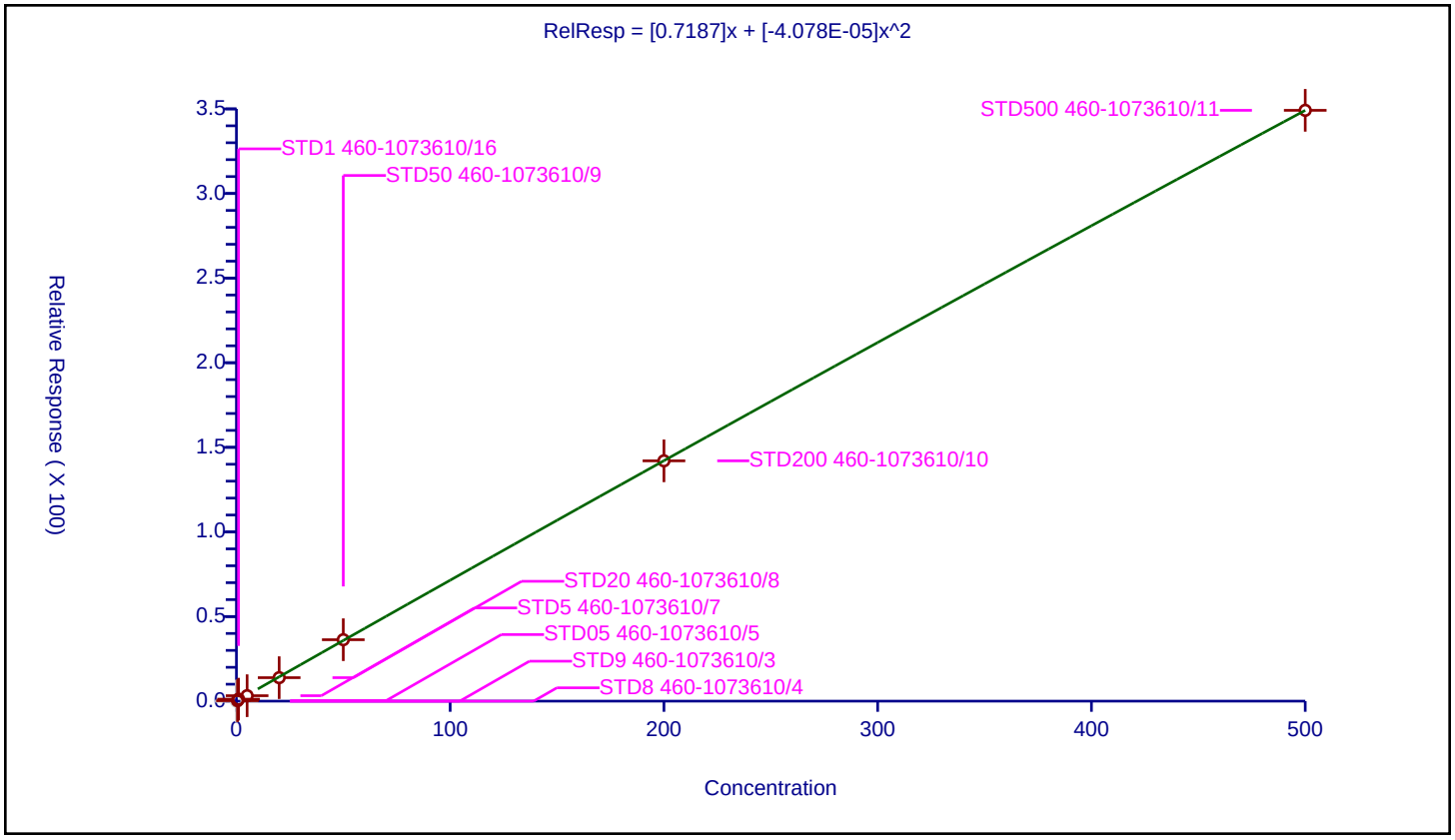
Curve Coefficients

Intercept:	0
Slope:	0.7187
Second Order:	-4.078E-05

Error Coefficients

Relative Standard Deviation:	30.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.279515	50.0	250076.0	0.55903	Y
4	STD1 460-1073610/16	1.0	1.169655	50.0	240541.0	1.169655	Y
5	STD5 460-1073610/7	5.0	3.216311	50.0	254282.0	0.643262	Y
6	STD20 460-1073610/8	20.0	13.872047	50.0	253827.0	0.693602	Y
7	STD50 460-1073610/9	50.0	36.297426	50.0	250442.0	0.725949	Y
8	STD200 460-1073610/10	200.0	142.01675	50.0	244656.0	0.710084	Y
9	STD500 460-1073610/11	500.0	349.147883	50.0	239697.0	0.698296	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

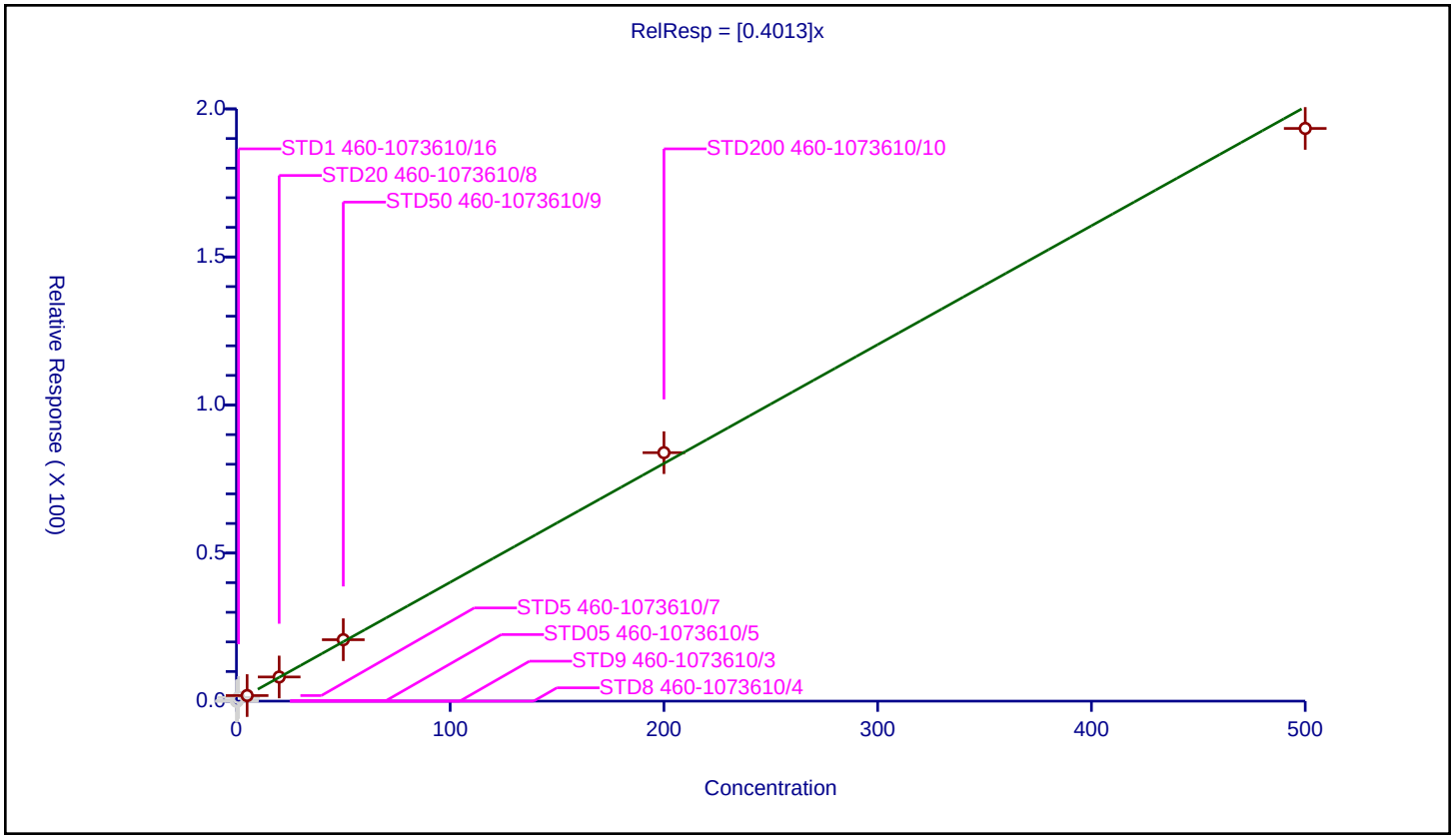
Curve Coefficients

Intercept:	0
Slope:	0.4013

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.175147	50.0	250076.0	0.350294	N
4	STD1 460-1073610/16	1.0	1.223908	50.0	240541.0	1.223908	N
5	STD5 460-1073610/7	5.0	1.888061	50.0	254282.0	0.377612	Y
6	STD20 460-1073610/8	20.0	8.157722	50.0	253827.0	0.407886	Y
7	STD50 460-1073610/9	50.0	20.74093	50.0	250442.0	0.414819	Y
8	STD200 460-1073610/10	200.0	83.908631	50.0	244656.0	0.419543	Y
9	STD500 460-1073610/11	500.0	193.399584	50.0	239697.0	0.386799	Y



Calibration / Naphthalene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

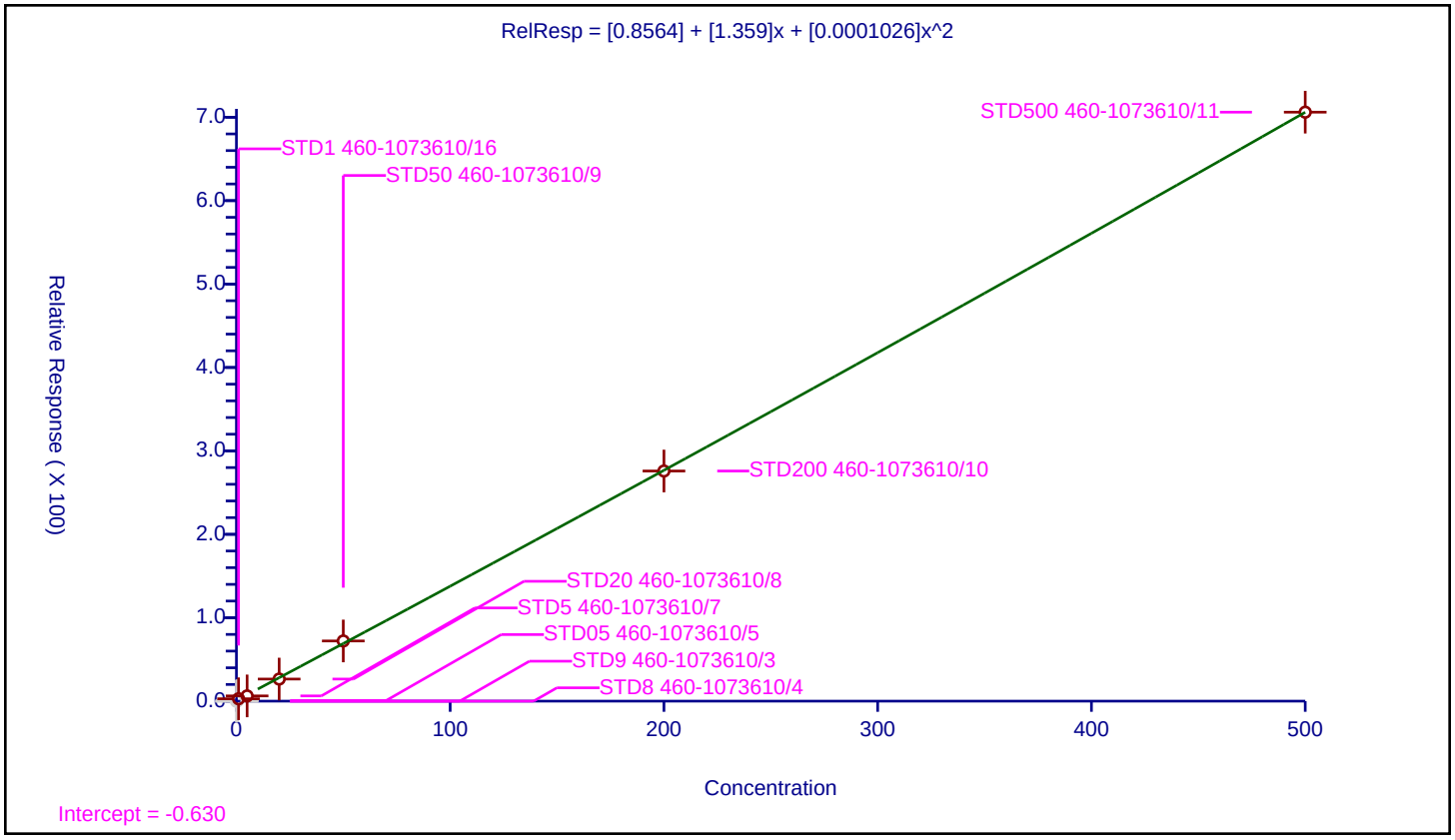
Curve Coefficients

Intercept:	0.8564
Slope:	1.359
Second Order:	0.0001026

Error Coefficients

Relative Standard Deviation:	29.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.660999	50.0	250076.0	1.321998	N
4	STD1 460-1073610/16	1.0	2.84941	50.0	240541.0	2.84941	Y
5	STD5 460-1073610/7	5.0	6.275513	50.0	254282.0	1.255103	Y
6	STD20 460-1073610/8	20.0	26.471376	50.0	253827.0	1.323569	Y
7	STD50 460-1073610/9	50.0	72.152634	50.0	250442.0	1.443053	Y
8	STD200 460-1073610/10	200.0	275.897178	50.0	244656.0	1.379486	Y
9	STD500 460-1073610/11	500.0	706.082262	50.0	239697.0	1.412165	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

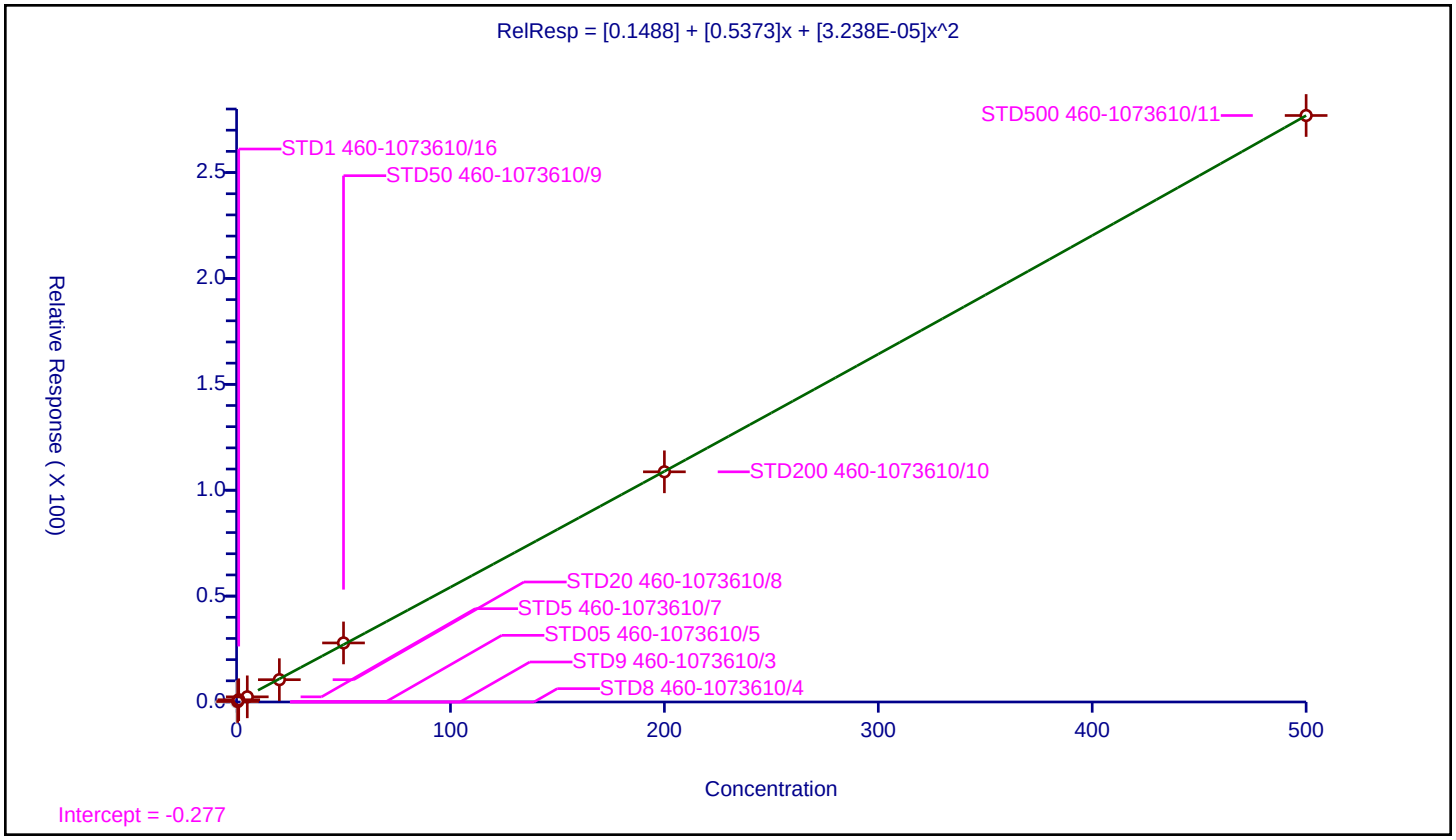
Curve Coefficients

Intercept:	0.1488
Slope:	0.5373
Second Order:	3.238E-05

Error Coefficients

Relative Standard Deviation:	50.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1073610/4	0.0	0.0	50.0	249384.0	NaN	N
2	STD9 460-1073610/3	0.2	0.0	50.0	248026.0	0.0	N
3	STD05 460-1073610/5	0.5	0.226531	50.0	250076.0	0.453062	Y
4	STD1 460-1073610/16	1.0	1.054706	50.0	240541.0	1.054706	Y
5	STD5 460-1073610/7	5.0	2.437845	50.0	254282.0	0.487569	Y
6	STD20 460-1073610/8	20.0	10.533946	50.0	253827.0	0.526697	Y
7	STD50 460-1073610/9	50.0	27.8845	50.0	250442.0	0.55769	Y
8	STD200 460-1073610/10	200.0	108.687913	50.0	244656.0	0.54344	Y
9	STD500 460-1073610/11	500.0	276.936299	50.0	239697.0	0.553873	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Lab Sample ID: ICV 460-1073610/18 Calibration Date: 11/10/2025 14:18

Instrument ID: CVOAMS15 Calib Start Date: 03/25/2025 19:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/25/2025 22:44

Lab File ID: T694815.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloroethyl vinyl ether	Ave					20.0		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694815.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 10-Nov-2025 14:18:38 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0199009-018
Operator ID: Instrument ID: CVOAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Nov-2025 17:40:45 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: NN6A Date: 14-Nov-2025 17:41:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.171	0.000	58	2625	20.0	19.6	
3 Chlorotrifluoroethene	116	1.270	1.270	0.000	73	13132	20.0	19.1	
2 1,1-Difluoroethane	65	1.276	1.275	0.001	96	28140	20.0	20.5	
4 Dichlorodifluoromethane	85	1.296	1.296	0.000	89	66482	20.0	16.0	
5 Chlorodifluoromethane	67	1.317	1.317	0.000	79	13440	20.0	20.5	
6 Chloromethane	50	1.459	1.459	0.000	89	54385	20.0	20.5	
7 Vinyl chloride	62	1.543	1.543	0.000	83	46264	20.0	20.5	
8 Butadiene	54	1.569	1.569	0.000	95	37130	20.0	20.0	
9 Bromomethane	94	1.821	1.821	0.000	98	16943	20.0	20.5	
10 Chloroethane	64	1.910	1.910	0.000	99	35241	20.0	21.3	
11 Dichlorofluoromethane	67	2.072	2.072	0.000	91	151478	20.0	22.3	
12 Trichlorofluoromethane	101	2.093	2.093	0.000	88	111397	20.0	20.0	
13 Pentane	72	2.146	2.146	0.000	95	19730	40.0	43.3	
14 Ethanol	46	2.266	2.266	0.000	97	8459	800.0	805.3	
15 Ethyl ether	59	2.329	2.329	0.000	94	54069	20.0	22.0	
17 2-Methyl-1,3-butadiene	53	2.350	2.350	0.000	93	57730	20.0	21.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.366	2.366	0.000	88	62357	20.0	21.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.424	2.424	0.000	88	92440	20.0	21.5	
19 Acrolein	56	2.481	2.481	0.000	97	10606	39.5	22.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.508	2.508	0.000	96	65114	20.0	23.7	
20 1,1-Dichloroethene	96	2.534	2.534	0.000	90	62413	20.0	21.1	
22 Acetone	43	2.602	2.602	0.000	86	81983	100.0	96.8	
23 Iodomethane	142	2.675	2.675	0.000	99	35985	20.0	9.98	
25 Isopropyl alcohol	45	2.696	2.696	0.000	96	30256	200.0	206.6	
24 Carbon disulfide	76	2.717	2.717	0.000	99	181970	20.0	20.2	
27 3-Chloro-1-propene	76	2.854	2.854	0.000	91	41648	20.0	22.8	
28 Methyl acetate	43	2.859	2.859	0.000	97	81915	40.0	47.9	
29 Cyclopentene	67	2.885	2.885	0.000	84	127844	20.0	17.2	
26 Acetonitrile	41	2.885	2.885	0.000	71	89614	200.0	205.4	
* 31 TBA-d9 (IS)	66	2.959	2.964	-0.005	99	40060	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.974	2.974	0.000	87	71573	20.0	20.2	
32 2-Methyl-2-propanol	59	3.037	3.037	0.000	99	49728	200.0	197.4	
35 Methyl tert-butyl ether	73	3.163	3.163	0.000	97	186987	20.0	21.9	
34 trans-1,2-Dichloroethene	96	3.184	3.184	0.000	87	70433	20.0	20.7	
33 Acrylonitrile	53	3.231	3.231	0.000	94	191854	200.0	225.5	
36 Hexane	57	3.373	3.373	0.000	91	81285	20.0	22.2	
40 Isopropyl ether	45	3.588	3.593	-0.005	95	211699	20.0	22.7	
37 1,1-Dichloroethane	63	3.598	3.598	0.000	84	129270	20.0	22.1	
38 Vinyl acetate	86	3.619	3.619	0.000	100	24566	40.0	42.4	
39 2-Chloro-1,3-butadiene	88	3.656	3.656	0.000	89	64613	20.0	23.0	
41 Tert-butyl ethyl ether	59	3.934	3.934	0.000	89	209574	20.0	22.4	
* 42 2-Butanone-d5	46	4.107	4.112	-0.005	82	270500	250.0	250.0	a
44 2,2-Dichloropropane	97	4.138	4.138	0.000	92	26667	20.0	21.8	
43 cis-1,2-Dichloroethene	96	4.159	4.159	0.000	91	80022	20.0	21.3	
45 2-Butanone (MEK)	72	4.170	4.170	0.000	100	31294	100.0	101.4	
47 Ethyl acetate	70	4.196	4.196	0.000	99	12849	40.0	36.7	a
48 Methyl acrylate	55	4.248	4.248	0.000	99	48609	20.0	21.7	
46 Propionitrile	54	4.290	4.290	0.000	98	73700	200.0	226.8	
49 Chlorobromomethane	128	4.400	4.400	0.000	72	37466	20.0	21.9	
51 Tetrahydrofuran	72	4.411	4.411	0.000	28	12248	40.0	41.7	
50 Methacrylonitrile	67	4.421	4.421	0.000	92	233500	200.0	236.5	
52 Chloroform	83	4.469	4.468	0.001	93	137166	20.0	21.8	
54 1,1,1-Trichloroethane	97	4.636	4.636	0.000	74	123923	20.0	21.8	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.642	-0.006	96	150558	50.0	51.2	
55 Cyclohexane	84	4.636	4.642	-0.006	74	97731	20.0	23.1	
56 Carbon tetrachloride	117	4.778	4.778	0.000	90	103970	20.0	20.9	
57 1,1-Dichloropropene	75	4.809	4.809	0.000	95	101639	20.0	21.7	
59 Isobutyl alcohol	43	4.940	4.940	0.000	96	47574	500.0	511.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	71	171697	50.0	51.6	
60 Benzene	78	5.024	5.024	0.000	94	277373	20.0	21.3	
62 Isooctane	57	5.035	5.035	0.000	75	160420	20.0	25.1	
63 Isopropyl acetate	61	5.108	5.108	0.000	94	30956	20.0	22.2	
61 1,2-Dichloroethane	62	5.113	5.113	0.000	78	101388	20.0	21.6	
64 Tert-amyl methyl ether	73	5.124	5.124	0.000	90	190565	20.0	23.4	
66 n-Heptane	43	5.250	5.250	0.000	92	72810	20.0	23.5	
* 65 Fluorobenzene	96	5.355	5.355	0.000	98	576608	50.0	50.0	
68 n-Butanol	56	5.701	5.701	0.000	91	28706	500.0	487.3	
67 Trichloroethene	95	5.764	5.764	0.000	94	78058	20.0	20.8	
69 Ethyl acrylate	55	5.916	5.921	-0.005	95	149472	20.0	23.2	
70 Methylcyclohexane	83	5.926	5.926	0.000	86	105107	20.0	23.1	
71 1,2-Dichloropropane	63	6.078	6.078	0.000	87	71272	20.0	21.2	
* 73 1,4-Dioxane-d8	96	6.146	6.146	0.000	1	27922	1000.0	1000.0	
75 Methyl methacrylate	100	6.199	6.199	0.000	90	29955	40.0	43.7	
74 1,4-Dioxane	88	6.215	6.214	0.001	41	12054	400.0	466.7	
72 Dibromomethane	93	6.220	6.220	0.000	94	42368	20.0	21.2	
76 n-Propyl acetate	43	6.267	6.267	0.000	98	71615	20.0	22.6	
77 Dichlorobromomethane	83	6.403	6.408	-0.005	96	94118	20.0	21.7	
78 2-Nitropropane	41	6.776	6.775	0.001	98	24794	40.0	36.3	
80 Epichlorohydrin	57	6.912	6.912	0.000	88	3103	20.0	17.3	
81 cis-1,3-Dichloropropene	75	7.001	7.001	0.000	88	120148	20.0	21.9	
82 4-Methyl-2-pentanone (MIBK)	43	7.200	7.200	0.000	97	233090	100.0	106.1	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	529836	50.0	50.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.389	7.389	0.000	93	305050	20.0	21.3	
85 trans-1,3-Dichloropropene	75	7.793	7.793	0.000	95	107386	20.0	22.6	
86 Ethyl methacrylate	69	7.871	7.871	0.000	89	74586	20.0	21.5	
87 1,1,2-Trichloroethane	83	8.039	8.044	-0.005	91	48489	20.0	21.0	
88 Tetrachloroethene	166	8.123	8.123	0.000	92	86902	20.0	20.5	
89 1,3-Dichloropropane	76	8.291	8.291	0.000	94	102872	20.0	21.7	
90 2-Hexanone	43	8.390	8.396	-0.006	96	163948	100.0	103.4	
91 Chlorodibromomethane	129	8.563	8.563	0.000	84	64776	20.0	20.9	
93 n-Butyl acetate	43	8.563	8.563	0.000	98	78621	20.0	22.7	
92 Ethylene Dibromide	107	8.736	8.736	0.000	97	58970	20.0	21.4	
* 94 Chlorobenzene-d5	117	9.418	9.423	-0.005	85	442956	50.0	50.0	
95 Chlorobenzene	112	9.465	9.465	0.000	94	202306	20.0	21.7	
97 Ethylbenzene	106	9.612	9.612	0.000	98	111305	20.0	22.0	
96 1,1,1,2-Tetrachloroethane	131	9.612	9.612	0.000	39	70919	20.0	21.4	
98 m-Xylene & p-Xylene	106	9.811	9.811	0.000	92	135376	20.0	21.6	
99 o-Xylene	106	10.440	10.440	0.000	93	131330	20.0	22.0	
101 n-Butyl acrylate	73	10.461	10.461	0.000	96	42920	20.0	22.6	
100 Styrene	104	10.482	10.482	0.000	94	218882	20.0	23.2	
102 Bromoform	173	10.776	10.776	0.000	98	36729	20.0	20.7	
103 Amyl acetate (mixed isomers)	43	10.849	10.849	0.000	91	87160	20.0	21.3	
104 Isopropylbenzene	105	11.043	11.043	0.000	96	334994	20.0	23.9	
$ 105 4-Bromofluorobenzene	174	11.327	11.326	0.001	92	181884	50.0	48.8	
106 Bromobenzene	156	11.510	11.510	0.000	95	87545	20.0	21.4	
107 1,1,2,2-Tetrachloroethane	83	11.599	11.599	0.000	92	60493	20.0	21.4	
108 1,2,3-Trichloropropane	110	11.652	11.646	0.006	56	20828	20.0	21.7	
110 N-Propylbenzene	91	11.662	11.662	0.000	99	389419	20.0	22.7	
109 trans-1,4-Dichloro-2-butene	53	11.699	11.699	0.000	91	18608	20.0	20.2	
111 2-Chlorotoluene	91	11.783	11.783	0.000	96	248057	20.0	22.4	
112 4-Ethyltoluene	105	11.825	11.825	0.000	98	331814	20.0	22.9	
114 1,3,5-Trimethylbenzene	105	11.919	11.924	-0.005	90	270976	20.0	22.9	
113 4-Chlorotoluene	91	11.940	11.940	0.000	99	273293	20.0	22.4	
115 Butyl Methacrylate	87	12.087	12.087	0.000	91	75936	20.0	22.2	
116 tert-Butylbenzene	119	12.302	12.302	0.000	90	229715	20.0	22.1	
117 1,2,4-Trimethylbenzene	105	12.375	12.375	0.000	98	275496	20.0	22.8	
118 sec-Butylbenzene	105	12.559	12.559	0.000	98	317306	20.0	22.5	
119 1,3-Dichlorobenzene	146	12.695	12.695	0.000	95	148135	20.0	21.3	
122 4-Isopropyltoluene	119	12.732	12.732	0.000	88	268488	20.0	22.0	
* 120 1,4-Dichlorobenzene-d4	152	12.779	12.779	0.000	95	233936	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.805	12.805	0.000	95	149487	20.0	21.4	
123 1,2,3-Trimethylbenzene	105	12.842	12.847	-0.005	99	274368	20.0	23.1	
124 Benzyl chloride	91	12.962	12.962	0.000	98	105572	20.0	21.7	
125 2,3-Dihydroindene	117	13.041	13.041	0.000	90	254192	20.0	24.4	
127 p-Diethylbenzene	119	13.135	13.135	0.000	92	161130	20.0	23.0	
128 n-Butylbenzene	92	13.162	13.162	0.000	98	131080	20.0	22.7	
126 1,2-Dichlorobenzene	146	13.188	13.188	0.000	96	129992	20.0	21.4	
130 1,2,4,5-Tetramethylbenzene	119	13.880	13.885	-0.005	96	227251	20.0	22.5	
129 1,2-Dibromo-3-Chloropropane	157	13.943	13.943	0.000	92	10593	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	14.090	14.095	-0.005	97	94000	20.0	21.7	
132 1,2,4-Trichlorobenzene	180	14.624	14.624	0.000	93	70701	20.0	21.1	
133 Hexachlorobutadiene	225	14.735	14.734	0.001	79	42679	20.0	22.7	
134 Naphthalene	128	14.824	14.824	0.000	99	140666	20.0	21.5	
135 1,2,3-Trichlorobenzene	180	15.018	15.018	0.000	94	54331	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.0	
S 137 Xylenes, Total	100				0		40.0	43.6	
S 140 Total BTEX	1				0		100.0	108.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.5	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

7 Freons SS_00034	Amount Added:	20.00	Units: uL	
8260 SP_00200	Amount Added:	20.00	Units: uL	
GAS C SP_00647	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00183	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00083	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 14-Nov-2025 17:41:04 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694815.D

Injection Date: 10-Nov-2025 14:18:38 Instrument ID: CVOAMS15

Lims ID: ICV

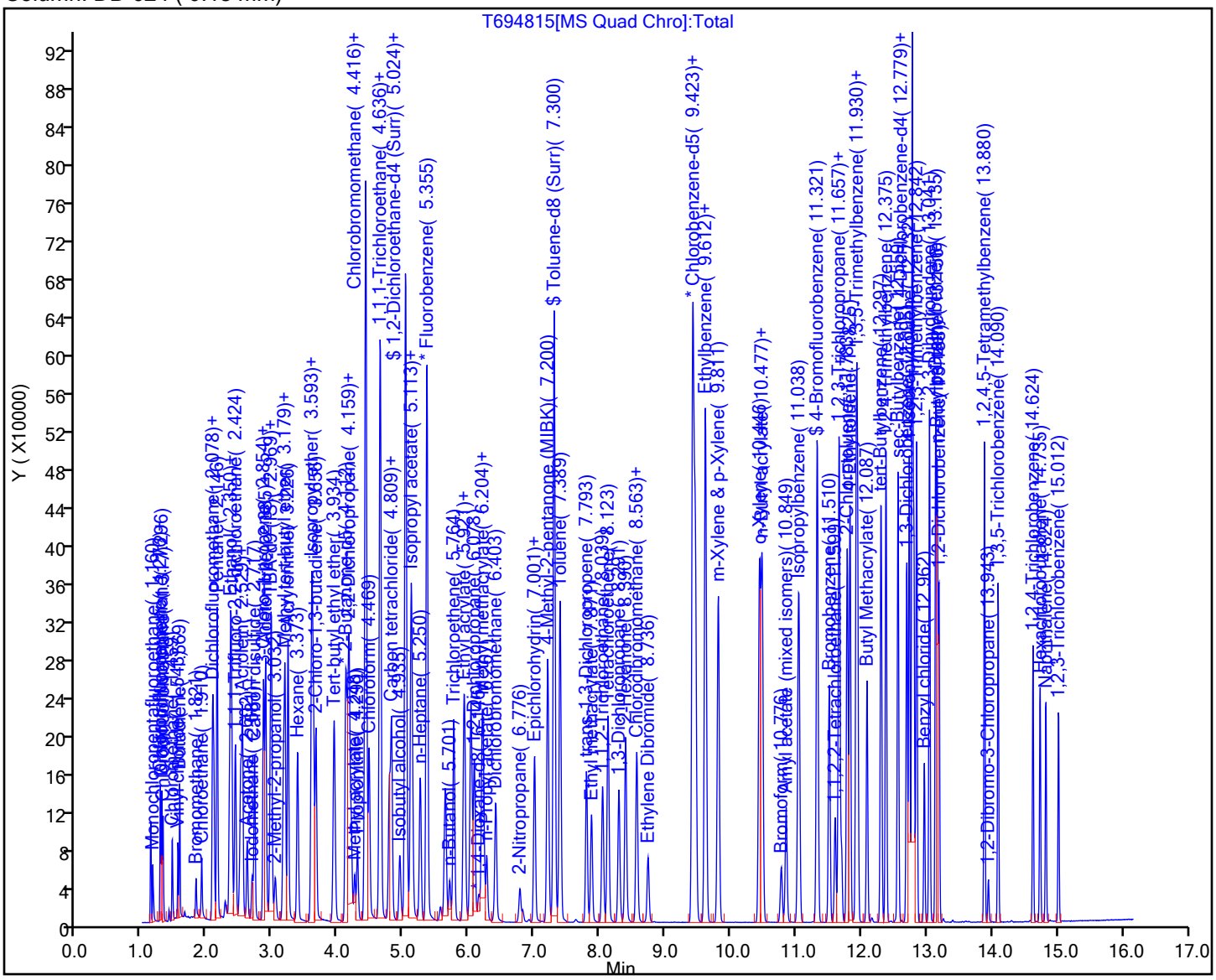
Client ID:

Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

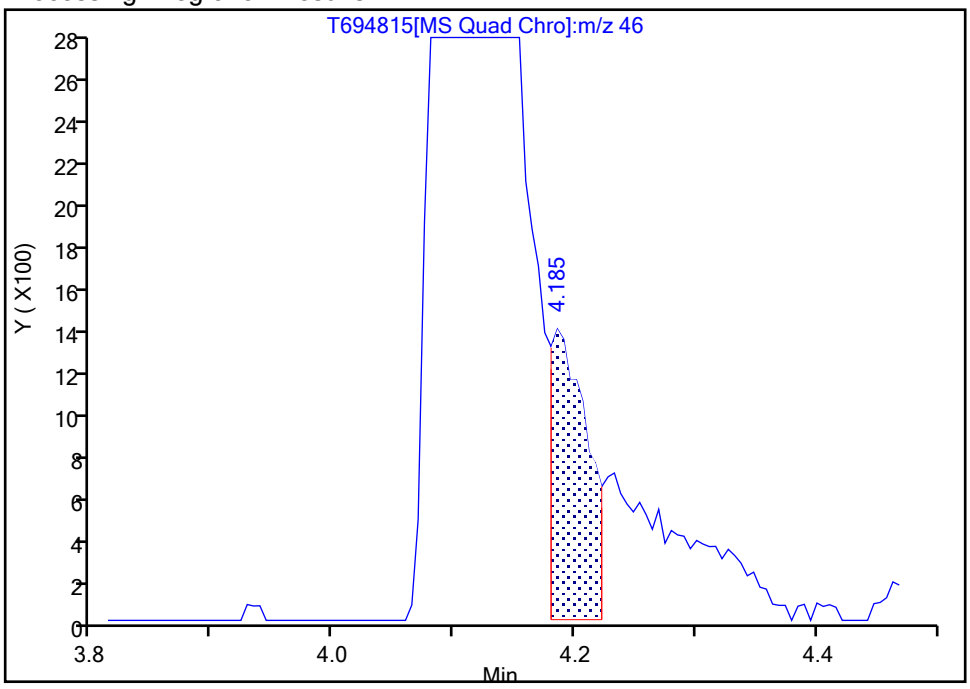
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694815.D
Injection Date: 10-Nov-2025 14:18:38 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

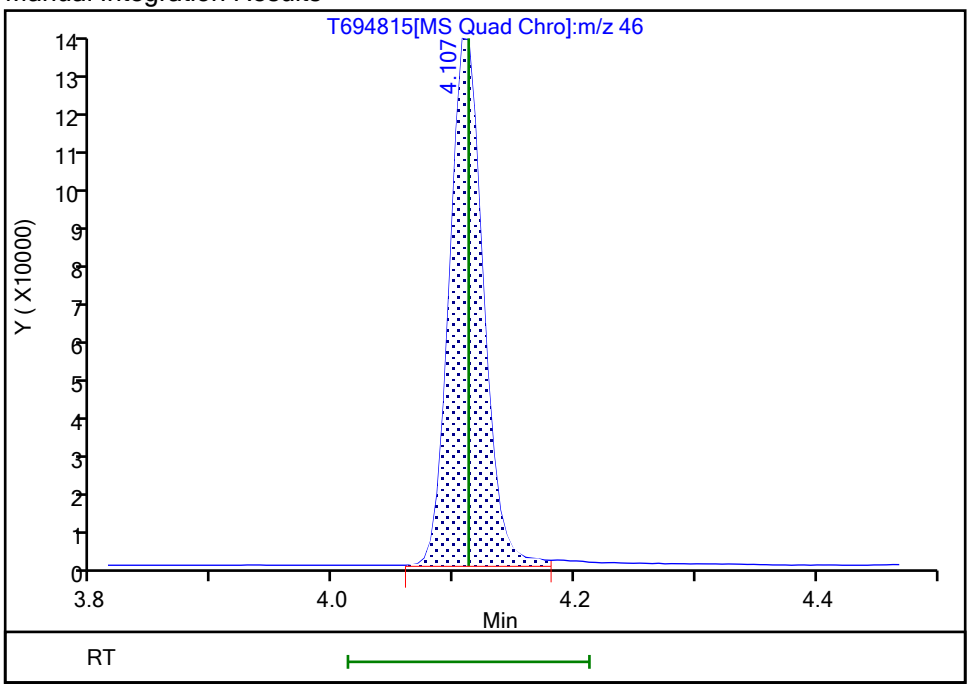
Processing Integration Results

RT: 4.19
Area: 2984
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.11
Area: 270500
Amount: 250.0000
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:34:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Lab Sample ID: ICV 460-1073610/18 Calibration Date: 11/10/2025 14:18

Instrument ID: CVOAMS15 Calib Start Date: 11/10/2025 08:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/10/2025 13:08

Lab File ID: T694815.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Qua2		0.0114		19.6	20.0	-2.0	30.0
Chlorotrifluoroethene	QuaF		0.0569		19.1	20.0	-4.0	30.0
1,1-Difluoroethane	Ave	0.1188	0.1220		20.5	20.0	3.0	30.0
Dichlorodifluoromethane	Lin2		0.2882	0.1000	16.0	20.0	-20.0	30.0
Chlorodifluoromethane	Ave	0.0567	0.0583		20.5	20.0	3.0	30.0
Chloromethane	Ave	0.2305	0.2358	0.0050	20.5	20.0	2.0	30.0
Vinyl chloride	Ave	0.1956	0.2006	0.0050	20.5	20.0	3.0	30.0
Butadiene	Ave	0.1611	0.1610		20.0	20.0	0.0	30.0
Bromomethane	Ave	0.0718	0.0735	0.0050	20.5	20.0	2.0	30.0
Chloroethane	Ave	0.1434	0.1528	0.0050	21.3	20.0	7.0	30.0
Dichlorofluoromethane	Ave	0.5899	0.6568		22.3	20.0	11.0	30.0
Trichlorofluoromethane	Ave	0.4822	0.4830	0.1000	20.0	20.0	0.0	30.0
Pentane	Ave	0.0395	0.0428		43.3	40.0	8.0	30.0
Ethanol	Ave	0.2622	0.2639		805	800	1.0	30.0
Ethyl ether	Lin2		0.2344		22.0	20.0	10.0	30.0
2-Methyl-1,3-butadiene	Ave	0.2317	0.2503		21.6	20.0	8.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2485	0.2704		21.8	20.0	9.0	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3727	0.4008		21.5	20.0	8.0	30.0
Acrolein	Ave	11.89	6.703		22.3	39.5	-44.0*	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2380	0.2823	0.1000	23.7	20.0	19.0	30.0
1,1-Dichloroethene	Ave	0.2559	0.2706	0.1000	21.1	20.0	6.0	30.0
Acetone	Ave	0.7829	0.7577	0.0010	96.8	100	-3.0	30.0
Iodomethane	Qua		0.1560		9.98	20.0	-50.0*	30.0
Isopropyl alcohol	Ave	3.656	3.776		207	200	3.0	30.0
Carbon disulfide	Ave	0.7799	0.7890	0.1000	20.2	20.0	1.0	30.0
3-Chloro-1-propene	Ave	0.1585	0.1806		22.8	20.0	14.0	30.0
Methyl acetate	Ave	0.1482	0.1776	0.0500	47.9	40.0	20.0	30.0
Acetonitrile	Ave	0.4031	0.4141		205	200	3.0	30.0
Cyclopentene	Ave	0.6461	0.5543		17.2	20.0	-14.0	30.0
Methylene Chloride	Ave	0.3068	0.3103	0.1000	20.2	20.0	1.0	30.0
2-Methyl-2-propanol	Ave	6.288	6.207		197	200	-1.0	30.0
Methyl tert-butyl ether	Ave	0.7414	0.8107	0.1000	21.9	20.0	9.0	30.0
trans-1,2-Dichloroethene	Ave	0.2949	0.3054	0.1000	20.7	20.0	4.0	30.0
Acrylonitrile	Ave	0.0738	0.0832		225	200	13.0	30.0
Hexane	Ave	0.3171	0.3524		22.2	20.0	11.0	30.0
Isopropyl ether	Ave	0.8089	0.9179		22.7	20.0	13.0	30.0
1,1-Dichloroethane	Ave	0.5075	0.5605	0.2000	22.1	20.0	10.0	30.0
Vinyl acetate	Ave	0.5349	0.5676		42.4	40.0	6.0	30.0
2-Chloro-1,3-butadiene	Ave	0.2440	0.2801		23.0	20.0	15.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Lab Sample ID: ICV 460-1073610/18 Calibration Date: 11/10/2025 14:18

Instrument ID: CVOAMS15 Calib Start Date: 11/10/2025 08:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/10/2025 13:08

Lab File ID: T694815.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.8104	0.9087		22.4	20.0	12.0	30.0
2,2-Dichloropropane	Ave	0.1058	0.1156		21.8	20.0	9.0	30.0
cis-1,2-Dichloroethene	Ave	0.3256	0.3470	0.1000	21.3	20.0	7.0	30.0
2-Butanone (MEK)	Ave	0.2853	0.2892	0.0100	101	100	1.0	30.0
Ethyl acetate	Ave	0.3233	0.2969		36.7	40.0	-8.0	30.0
Methyl acrylate	Ave	0.1946	0.2108		21.7	20.0	8.0	30.0
Propionitrile	Ave	0.0282	0.0320		227	200	13.0	30.0
Chlorobromomethane	Ave	0.1484	0.1624		21.9	20.0	9.0	30.0
Tetrahydrofuran	Ave	0.2713	0.2830		41.7	40.0	4.0	30.0
Methacrylonitrile	Ave	0.0856	0.1012		237	200	18.0	30.0
Chloroform	Ave	0.5447	0.5947	0.2000	21.8	20.0	9.0	30.0
1,1,1-Trichloroethane	Ave	0.4933	0.5373	0.1000	21.8	20.0	9.0	30.0
Cyclohexane	Ave	0.3666	0.4237	0.1000	23.1	20.0	16.0	30.0
Carbon tetrachloride	Ave	0.4315	0.4508	0.1000	20.9	20.0	4.0	30.0
1,1-Dichloropropene	Ave	0.4071	0.4407		21.7	20.0	8.0	30.0
Isobutyl alcohol	Ave	2.323	2.375		511	500	2.0	30.0
Benzene	Ave	1.469	1.565	0.5000	21.3	20.0	7.0	30.0
Isooctane	Ave	0.5548	0.6955		25.1	20.0	25.0	30.0
Isopropyl acetate	Ave	0.1206	0.1342		22.2	20.0	11.0	30.0
1,2-Dichloroethane	Ave	0.4070	0.4396	0.1000	21.6	20.0	8.0	30.0
Tert-amyl methyl ether	Ave	0.7052	0.8262		23.4	20.0	17.0	30.0
n-Heptane	Ave	0.2688	0.3157		23.5	20.0	17.0	30.0
n-Butanol	Ave	1.470	1.433		487	500	-3.0	30.0
Trichloroethene	Ave	0.3253	0.3384	0.2000	20.8	20.0	4.0	30.0
Ethyl acrylate	Ave	0.5583	0.6481		23.2	20.0	16.0	30.0
Methylcyclohexane	Ave	0.3937	0.4557	0.1000	23.1	20.0	16.0	30.0
1,2-Dichloropropane	Ave	0.2913	0.3090	0.1000	21.2	20.0	6.0	30.0
Methyl methacrylate	Ave	0.0594	0.0649		43.7	40.0	9.0	30.0
1,4-Dioxane	Ave	0.9249	1.079		467	400	17.0	30.0
Dibromomethane	Ave	0.1730	0.1837		21.2	20.0	6.0	30.0
n-Propyl acetate	Ave	0.2748	0.3105		22.6	20.0	13.0	30.0
Dichlorobromomethane	Ave	0.3754	0.4081	0.2000	21.7	20.0	9.0	30.0
2-Nitropropane	Ave	0.6313	0.5729		36.3	40.0	-9.0	30.0
Epichlorohydrin	Ave	0.1655	0.1434		17.3	20.0	-13.0	30.0
cis-1,3-Dichloropropene	Ave	0.6195	0.6781	0.2000	21.9	20.0	9.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.031	2.154	0.0500	106	100	6.0	30.0
Toluene	Ave	1.615	1.722	0.4000	21.3	20.0	7.0	30.0
trans-1,3-Dichloropropene	Ave	0.5368	0.6061	0.1000	22.6	20.0	13.0	30.0
Ethyl methacrylate	Ave	0.3919	0.4210		21.5	20.0	7.0	30.0
1,1,2-Trichloroethane	Ave	0.2603	0.2737	0.1000	21.0	20.0	5.0	30.0
Tetrachloroethene	Ave	0.4786	0.4905	0.2000	20.5	20.0	2.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Lab Sample ID: ICV 460-1073610/18 Calibration Date: 11/10/2025 14:18

Instrument ID: CVOAMS15 Calib Start Date: 11/10/2025 08:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/10/2025 13:08

Lab File ID: T694815.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.5362	0.5806		21.7	20.0	8.0	30.0
2-Hexanone	Ave	1.466	1.515	0.0500	103	100	3.0	30.0
Chlorodibromomethane	Ave	0.3497	0.3656	0.1000	20.9	20.0	5.0	30.0
n-Butyl acetate	Ave	0.3907	0.4437		22.7	20.0	14.0	30.0
Ethylene Dibromide	Ave	0.3113	0.3328	0.1000	21.4	20.0	7.0	30.0
Chlorobenzene	Ave	1.051	1.142	0.5000	21.7	20.0	9.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3735	0.4003		21.4	20.0	7.0	30.0
Ethylbenzene	Ave	0.5703	0.6282	0.1000	22.0	20.0	10.0	30.0
m-Xylene & p-Xylene	Ave	0.7070	0.7640	0.1000	21.6	20.0	8.0	30.0
o-Xylene	Ave	0.6743	0.7412	0.3000	22.0	20.0	10.0	30.0
n-Butyl acrylate	Ave	0.2142	0.2422		22.6	20.0	13.0	30.0
Styrene	Ave	1.063	1.235	0.3000	23.2	20.0	16.0	30.0
Bromoform	Ave	0.2007	0.2073	0.1000	20.7	20.0	3.0	30.0
Amyl acetate (mixed isomers)	Ave	0.8743	0.9315		21.3	20.0	7.0	30.0
Isopropylbenzene	Ave	1.579	1.891	0.1000	23.9	20.0	20.0	30.0
Bromobenzene	Ave	0.8729	0.9356		21.4	20.0	7.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6048	0.6465	0.3000	21.4	20.0	7.0	30.0
1,2,3-Trichloropropane	Ave	0.2052	0.2226		21.7	20.0	8.0	30.0
N-Propylbenzene	Ave	3.661	4.162		22.7	20.0	14.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1969	0.1989		20.2	20.0	1.0	30.0
2-Chlorotoluene	Ave	2.369	2.651		22.4	20.0	12.0	30.0
4-Ethyltoluene	Ave	3.094	3.546		22.9	20.0	15.0	30.0
1,3,5-Trimethylbenzene	Ave	2.530	2.896		22.9	20.0	14.0	30.0
4-Chlorotoluene	Ave	2.606	2.921		22.4	20.0	12.0	30.0
Butyl Methacrylate	Ave	0.7323	0.8115		22.2	20.0	11.0	30.0
tert-Butylbenzene	Ave	2.222	2.455		22.1	20.0	10.0	30.0
1,2,4-Trimethylbenzene	Ave	2.584	2.944		22.8	20.0	14.0	30.0
sec-Butylbenzene	Ave	3.015	3.391		22.5	20.0	12.0	30.0
1,3-Dichlorobenzene	Ave	1.488	1.583	0.6000	21.3	20.0	6.0	30.0
4-Isopropyltoluene	Ave	2.610	2.869		22.0	20.0	10.0	30.0
1,4-Dichlorobenzene	Ave	1.491	1.598	0.5000	21.4	20.0	7.0	30.0
1,2,3-Trimethylbenzene	Ave	2.540	2.932		23.1	20.0	15.0	30.0
Benzyl chloride	Ave	1.042	1.128		21.7	20.0	8.0	30.0
Indan	Ave	2.225	2.716		24.4	20.0	22.0	30.0
p-Diethylbenzene	Ave	1.496	1.722		23.0	20.0	15.0	30.0
n-Butylbenzene	Ave	1.233	1.401		22.7	20.0	14.0	30.0
1,2-Dichlorobenzene	Ave	1.296	1.389	0.4000	21.4	20.0	7.0	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.157	2.429		22.5	20.0	13.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1081	0.1132	0.0200	21.0	20.0	5.0	30.0
1,3,5-Trichlorobenzene	Ave	0.9250	1.005		21.7	20.0	9.0	30.0
1,2,4-Trichlorobenzene	QuaF		0.7556	0.2000	21.1	20.0	5.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Lab Sample ID: ICV 460-1073610/18 Calibration Date: 11/10/2025 14:18

Instrument ID: CVOAMS15 Calib Start Date: 11/10/2025 08:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/10/2025 13:08

Lab File ID: T694815.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.4013	0.4561		22.7	20.0	14.0	30.0
Naphthalene	Qua		1.503		21.5	20.0	7.0	30.0
1,2,3-Trichlorobenzene	Qua		0.5806		21.3	20.0	7.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2551	0.2611		51.2	50.0	2.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2884	0.2978		51.6	50.0	3.0	30.0
Toluene-d8 (Surr)	Ave	1.192	1.196		50.2	50.0	0.0	30.0
4-Bromofluorobenzene	Ave	0.4205	0.4106		48.8	50.0	-2.0	30.0

Report Date: 14-Nov-2025 17:41:04 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694815.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 10-Nov-2025 14:18:38 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0199009-018
Operator ID: Instrument ID: CVOAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Nov-2025 17:40:45 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: NN6A Date: 14-Nov-2025 17:41:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.171	0.000	58	2625	20.0	19.6	
3 Chlorotrifluoroethene	116	1.270	1.270	0.000	73	13132	20.0	19.1	
2 1,1-Difluoroethane	65	1.276	1.275	0.001	96	28140	20.0	20.5	
4 Dichlorodifluoromethane	85	1.296	1.296	0.000	89	66482	20.0	16.0	
5 Chlorodifluoromethane	67	1.317	1.317	0.000	79	13440	20.0	20.5	
6 Chloromethane	50	1.459	1.459	0.000	89	54385	20.0	20.5	
7 Vinyl chloride	62	1.543	1.543	0.000	83	46264	20.0	20.5	
8 Butadiene	54	1.569	1.569	0.000	95	37130	20.0	20.0	
9 Bromomethane	94	1.821	1.821	0.000	98	16943	20.0	20.5	
10 Chloroethane	64	1.910	1.910	0.000	99	35241	20.0	21.3	
11 Dichlorofluoromethane	67	2.072	2.072	0.000	91	151478	20.0	22.3	
12 Trichlorofluoromethane	101	2.093	2.093	0.000	88	111397	20.0	20.0	
13 Pentane	72	2.146	2.146	0.000	95	19730	40.0	43.3	
14 Ethanol	46	2.266	2.266	0.000	97	8459	800.0	805.3	
15 Ethyl ether	59	2.329	2.329	0.000	94	54069	20.0	22.0	
17 2-Methyl-1,3-butadiene	53	2.350	2.350	0.000	93	57730	20.0	21.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.366	2.366	0.000	88	62357	20.0	21.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.424	2.424	0.000	88	92440	20.0	21.5	
19 Acrolein	56	2.481	2.481	0.000	97	10606	39.5	22.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.508	2.508	0.000	96	65114	20.0	23.7	
20 1,1-Dichloroethene	96	2.534	2.534	0.000	90	62413	20.0	21.1	
22 Acetone	43	2.602	2.602	0.000	86	81983	100.0	96.8	
23 Iodomethane	142	2.675	2.675	0.000	99	35985	20.0	9.98	
25 Isopropyl alcohol	45	2.696	2.696	0.000	96	30256	200.0	206.6	
24 Carbon disulfide	76	2.717	2.717	0.000	99	181970	20.0	20.2	
27 3-Chloro-1-propene	76	2.854	2.854	0.000	91	41648	20.0	22.8	
28 Methyl acetate	43	2.859	2.859	0.000	97	81915	40.0	47.9	
29 Cyclopentene	67	2.885	2.885	0.000	84	127844	20.0	17.2	
26 Acetonitrile	41	2.885	2.885	0.000	71	89614	200.0	205.4	
* 31 TBA-d9 (IS)	66	2.959	2.964	-0.005	99	40060	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.974	2.974	0.000	87	71573	20.0	20.2	
32 2-Methyl-2-propanol	59	3.037	3.037	0.000	99	49728	200.0	197.4	
35 Methyl tert-butyl ether	73	3.163	3.163	0.000	97	186987	20.0	21.9	
34 trans-1,2-Dichloroethene	96	3.184	3.184	0.000	87	70433	20.0	20.7	
33 Acrylonitrile	53	3.231	3.231	0.000	94	191854	200.0	225.5	
36 Hexane	57	3.373	3.373	0.000	91	81285	20.0	22.2	
40 Isopropyl ether	45	3.588	3.593	-0.005	95	211699	20.0	22.7	
37 1,1-Dichloroethane	63	3.598	3.598	0.000	84	129270	20.0	22.1	
38 Vinyl acetate	86	3.619	3.619	0.000	100	24566	40.0	42.4	
39 2-Chloro-1,3-butadiene	88	3.656	3.656	0.000	89	64613	20.0	23.0	
41 Tert-butyl ethyl ether	59	3.934	3.934	0.000	89	209574	20.0	22.4	
* 42 2-Butanone-d5	46	4.107	4.112	-0.005	82	270500	250.0	250.0	a
44 2,2-Dichloropropane	97	4.138	4.138	0.000	92	26667	20.0	21.8	
43 cis-1,2-Dichloroethene	96	4.159	4.159	0.000	91	80022	20.0	21.3	
45 2-Butanone (MEK)	72	4.170	4.170	0.000	100	31294	100.0	101.4	
47 Ethyl acetate	70	4.196	4.196	0.000	99	12849	40.0	36.7	a
48 Methyl acrylate	55	4.248	4.248	0.000	99	48609	20.0	21.7	
46 Propionitrile	54	4.290	4.290	0.000	98	73700	200.0	226.8	
49 Chlorobromomethane	128	4.400	4.400	0.000	72	37466	20.0	21.9	
51 Tetrahydrofuran	72	4.411	4.411	0.000	28	12248	40.0	41.7	
50 Methacrylonitrile	67	4.421	4.421	0.000	92	233500	200.0	236.5	
52 Chloroform	83	4.469	4.468	0.001	93	137166	20.0	21.8	
54 1,1,1-Trichloroethane	97	4.636	4.636	0.000	74	123923	20.0	21.8	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.642	-0.006	96	150558	50.0	51.2	
55 Cyclohexane	84	4.636	4.642	-0.006	74	97731	20.0	23.1	
56 Carbon tetrachloride	117	4.778	4.778	0.000	90	103970	20.0	20.9	
57 1,1-Dichloropropene	75	4.809	4.809	0.000	95	101639	20.0	21.7	
59 Isobutyl alcohol	43	4.940	4.940	0.000	96	47574	500.0	511.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	71	171697	50.0	51.6	
60 Benzene	78	5.024	5.024	0.000	94	277373	20.0	21.3	
62 Isooctane	57	5.035	5.035	0.000	75	160420	20.0	25.1	
63 Isopropyl acetate	61	5.108	5.108	0.000	94	30956	20.0	22.2	
61 1,2-Dichloroethane	62	5.113	5.113	0.000	78	101388	20.0	21.6	
64 Tert-amyl methyl ether	73	5.124	5.124	0.000	90	190565	20.0	23.4	
66 n-Heptane	43	5.250	5.250	0.000	92	72810	20.0	23.5	
* 65 Fluorobenzene	96	5.355	5.355	0.000	98	576608	50.0	50.0	
68 n-Butanol	56	5.701	5.701	0.000	91	28706	500.0	487.3	
67 Trichloroethene	95	5.764	5.764	0.000	94	78058	20.0	20.8	
69 Ethyl acrylate	55	5.916	5.921	-0.005	95	149472	20.0	23.2	
70 Methylcyclohexane	83	5.926	5.926	0.000	86	105107	20.0	23.1	
71 1,2-Dichloropropane	63	6.078	6.078	0.000	87	71272	20.0	21.2	
* 73 1,4-Dioxane-d8	96	6.146	6.146	0.000	1	27922	1000.0	1000.0	
75 Methyl methacrylate	100	6.199	6.199	0.000	90	29955	40.0	43.7	
74 1,4-Dioxane	88	6.215	6.214	0.001	41	12054	400.0	466.7	
72 Dibromomethane	93	6.220	6.220	0.000	94	42368	20.0	21.2	
76 n-Propyl acetate	43	6.267	6.267	0.000	98	71615	20.0	22.6	
77 Dichlorobromomethane	83	6.403	6.408	-0.005	96	94118	20.0	21.7	
78 2-Nitropropane	41	6.776	6.775	0.001	98	24794	40.0	36.3	
80 Epichlorohydrin	57	6.912	6.912	0.000	88	3103	20.0	17.3	
81 cis-1,3-Dichloropropene	75	7.001	7.001	0.000	88	120148	20.0	21.9	
82 4-Methyl-2-pentanone (MIBK)	43	7.200	7.200	0.000	97	233090	100.0	106.1	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	529836	50.0	50.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.389	7.389	0.000	93	305050	20.0	21.3	
85 trans-1,3-Dichloropropene	75	7.793	7.793	0.000	95	107386	20.0	22.6	
86 Ethyl methacrylate	69	7.871	7.871	0.000	89	74586	20.0	21.5	
87 1,1,2-Trichloroethane	83	8.039	8.044	-0.005	91	48489	20.0	21.0	
88 Tetrachloroethene	166	8.123	8.123	0.000	92	86902	20.0	20.5	
89 1,3-Dichloropropane	76	8.291	8.291	0.000	94	102872	20.0	21.7	
90 2-Hexanone	43	8.390	8.396	-0.006	96	163948	100.0	103.4	
91 Chlorodibromomethane	129	8.563	8.563	0.000	84	64776	20.0	20.9	
93 n-Butyl acetate	43	8.563	8.563	0.000	98	78621	20.0	22.7	
92 Ethylene Dibromide	107	8.736	8.736	0.000	97	58970	20.0	21.4	
* 94 Chlorobenzene-d5	117	9.418	9.423	-0.005	85	442956	50.0	50.0	
95 Chlorobenzene	112	9.465	9.465	0.000	94	202306	20.0	21.7	
97 Ethylbenzene	106	9.612	9.612	0.000	98	111305	20.0	22.0	
96 1,1,1,2-Tetrachloroethane	131	9.612	9.612	0.000	39	70919	20.0	21.4	
98 m-Xylene & p-Xylene	106	9.811	9.811	0.000	92	135376	20.0	21.6	
99 o-Xylene	106	10.440	10.440	0.000	93	131330	20.0	22.0	
101 n-Butyl acrylate	73	10.461	10.461	0.000	96	42920	20.0	22.6	
100 Styrene	104	10.482	10.482	0.000	94	218882	20.0	23.2	
102 Bromoform	173	10.776	10.776	0.000	98	36729	20.0	20.7	
103 Amyl acetate (mixed isomers)	43	10.849	10.849	0.000	91	87160	20.0	21.3	
104 Isopropylbenzene	105	11.043	11.043	0.000	96	334994	20.0	23.9	
$ 105 4-Bromofluorobenzene	174	11.327	11.326	0.001	92	181884	50.0	48.8	
106 Bromobenzene	156	11.510	11.510	0.000	95	87545	20.0	21.4	
107 1,1,2,2-Tetrachloroethane	83	11.599	11.599	0.000	92	60493	20.0	21.4	
108 1,2,3-Trichloropropane	110	11.652	11.646	0.006	56	20828	20.0	21.7	
110 N-Propylbenzene	91	11.662	11.662	0.000	99	389419	20.0	22.7	
109 trans-1,4-Dichloro-2-butene	53	11.699	11.699	0.000	91	18608	20.0	20.2	
111 2-Chlorotoluene	91	11.783	11.783	0.000	96	248057	20.0	22.4	
112 4-Ethyltoluene	105	11.825	11.825	0.000	98	331814	20.0	22.9	
114 1,3,5-Trimethylbenzene	105	11.919	11.924	-0.005	90	270976	20.0	22.9	
113 4-Chlorotoluene	91	11.940	11.940	0.000	99	273293	20.0	22.4	
115 Butyl Methacrylate	87	12.087	12.087	0.000	91	75936	20.0	22.2	
116 tert-Butylbenzene	119	12.302	12.302	0.000	90	229715	20.0	22.1	
117 1,2,4-Trimethylbenzene	105	12.375	12.375	0.000	98	275496	20.0	22.8	
118 sec-Butylbenzene	105	12.559	12.559	0.000	98	317306	20.0	22.5	
119 1,3-Dichlorobenzene	146	12.695	12.695	0.000	95	148135	20.0	21.3	
122 4-Isopropyltoluene	119	12.732	12.732	0.000	88	268488	20.0	22.0	
* 120 1,4-Dichlorobenzene-d4	152	12.779	12.779	0.000	95	233936	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.805	12.805	0.000	95	149487	20.0	21.4	
123 1,2,3-Trimethylbenzene	105	12.842	12.847	-0.005	99	274368	20.0	23.1	
124 Benzyl chloride	91	12.962	12.962	0.000	98	105572	20.0	21.7	
125 2,3-Dihydroindene	117	13.041	13.041	0.000	90	254192	20.0	24.4	
127 p-Diethylbenzene	119	13.135	13.135	0.000	92	161130	20.0	23.0	
128 n-Butylbenzene	92	13.162	13.162	0.000	98	131080	20.0	22.7	
126 1,2-Dichlorobenzene	146	13.188	13.188	0.000	96	129992	20.0	21.4	
130 1,2,4,5-Tetramethylbenzene	119	13.880	13.885	-0.005	96	227251	20.0	22.5	
129 1,2-Dibromo-3-Chloropropane	157	13.943	13.943	0.000	92	10593	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	14.090	14.095	-0.005	97	94000	20.0	21.7	
132 1,2,4-Trichlorobenzene	180	14.624	14.624	0.000	93	70701	20.0	21.1	
133 Hexachlorobutadiene	225	14.735	14.734	0.001	79	42679	20.0	22.7	
134 Naphthalene	128	14.824	14.824	0.000	99	140666	20.0	21.5	
135 1,2,3-Trichlorobenzene	180	15.018	15.018	0.000	94	54331	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.0	
S 137 Xylenes, Total	100				0		40.0	43.6	
S 140 Total BTEX	1				0		100.0	108.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.5	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

7 Freons SS_00034	Amount Added:	20.00	Units: uL	
8260 SP_00200	Amount Added:	20.00	Units: uL	
GAS C SP_00647	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00183	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00083	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 14-Nov-2025 17:41:04 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694815.D

Injection Date: 10-Nov-2025 14:18:38 Instrument ID: CVOAMS15

Lims ID: ICV

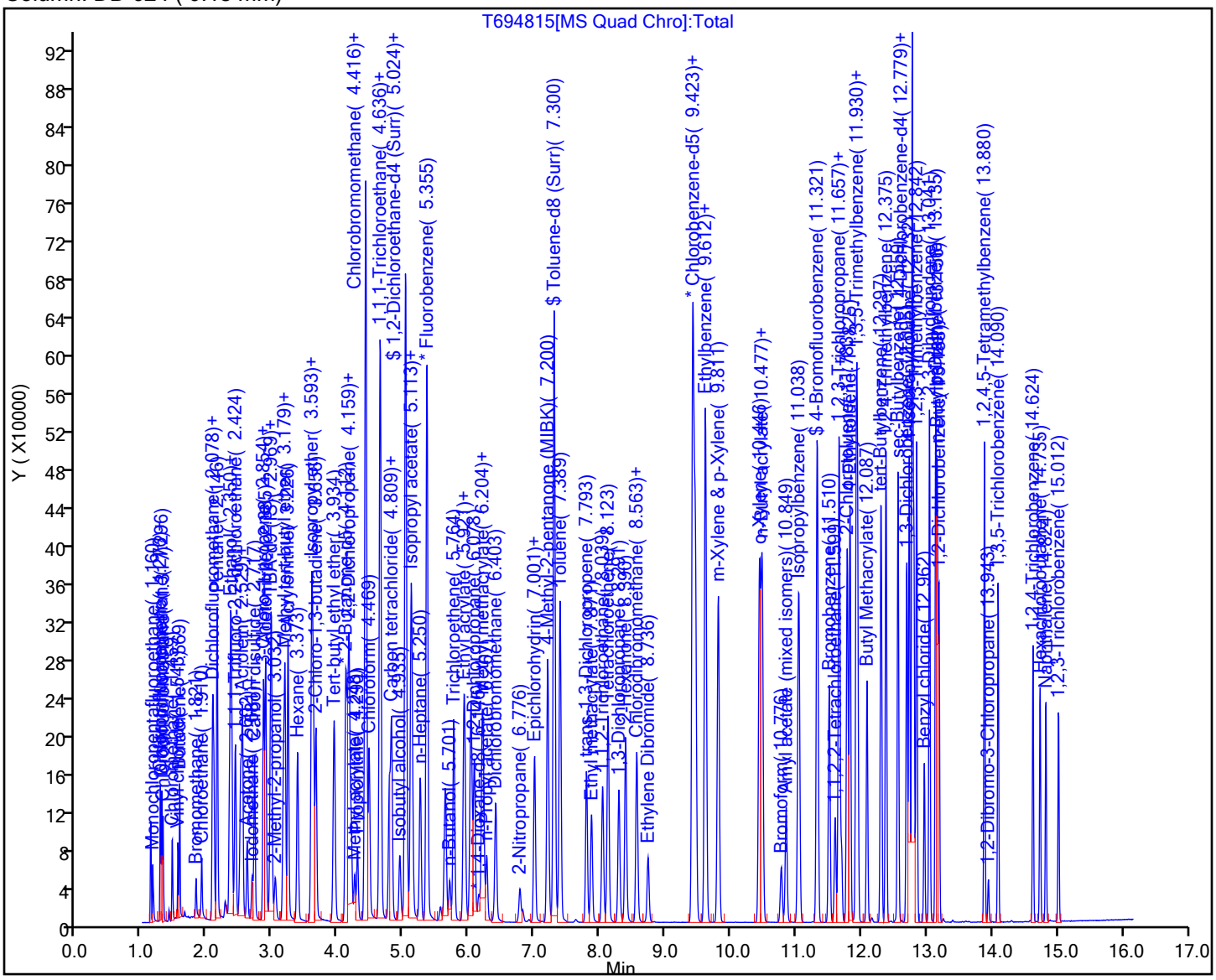
Client ID:

Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

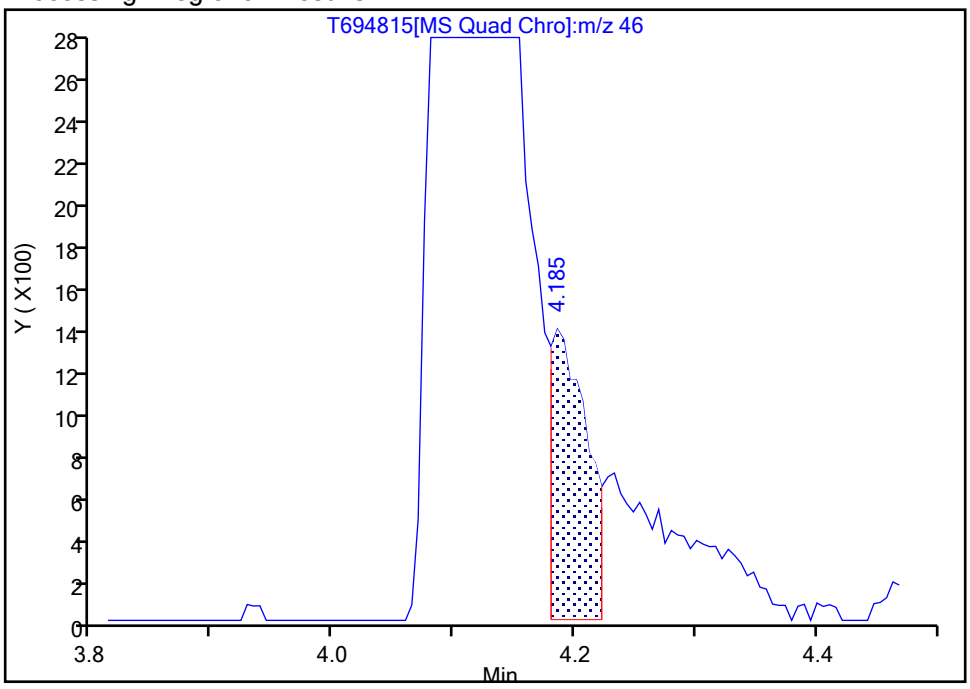
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694815.D
Injection Date: 10-Nov-2025 14:18:38 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

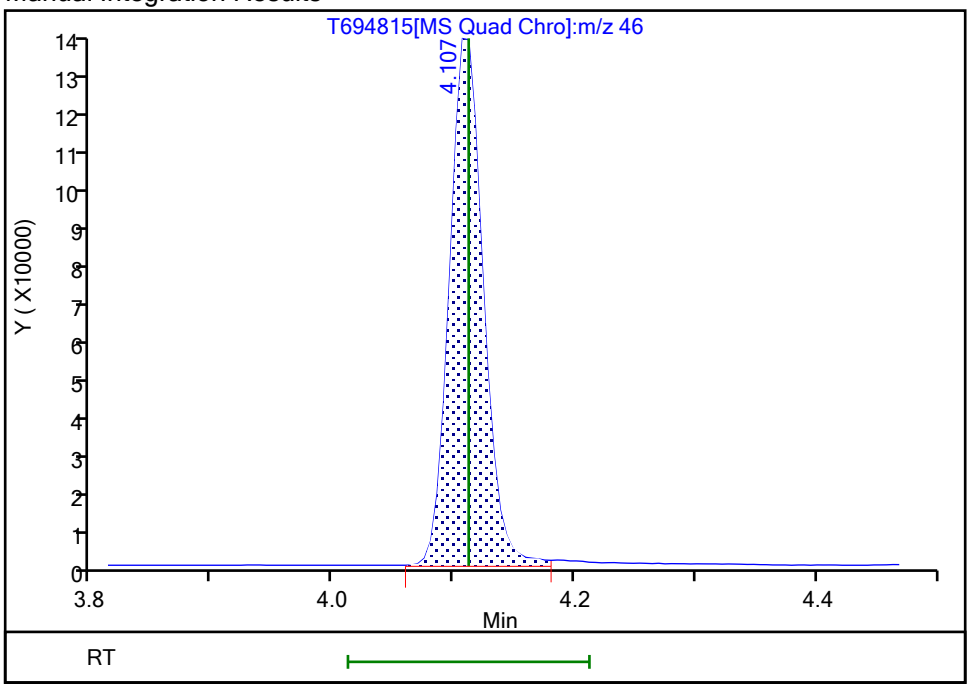
Processing Integration Results

RT: 4.19
Area: 2984
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.11
Area: 270500
Amount: 250.0000
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:34:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

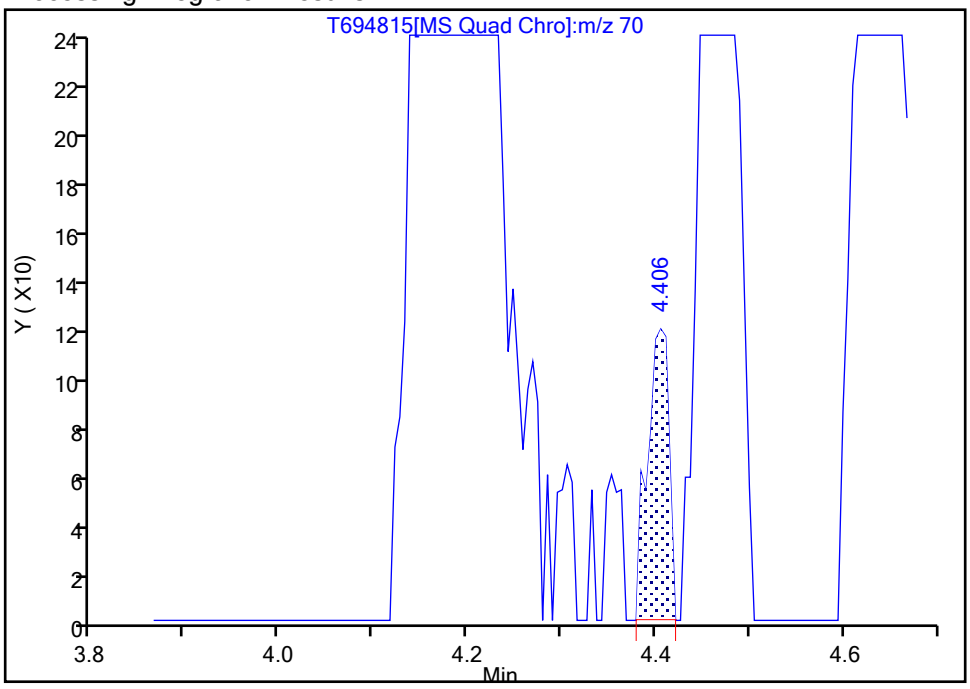
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694815.D
Injection Date: 10-Nov-2025 14:18:38 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

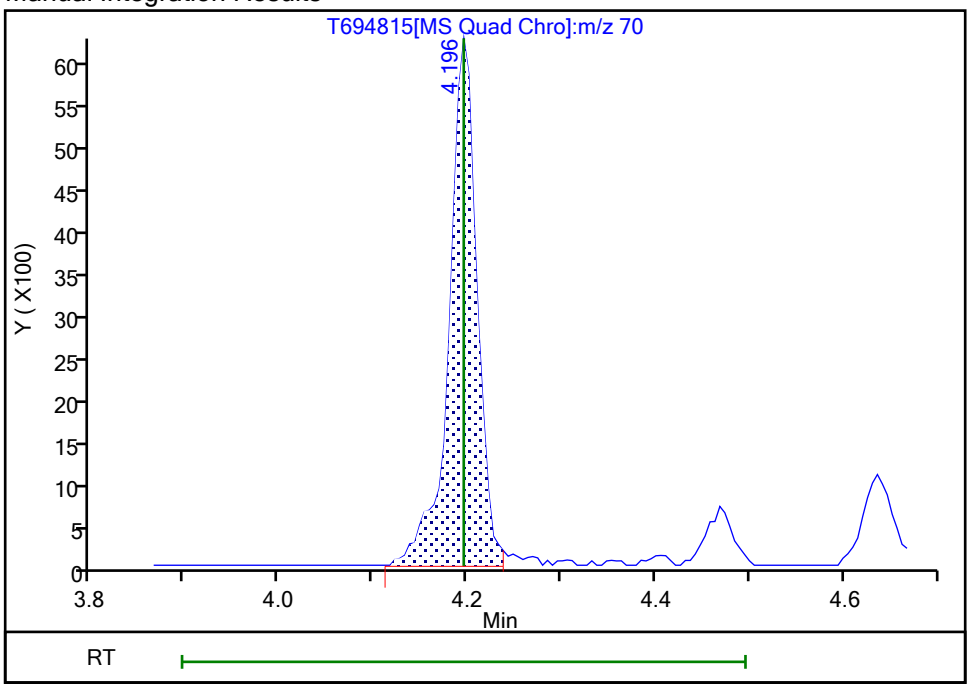
Processing Integration Results

RT: 4.41
Area: 183
Amount: 0.523091
Amount Units: ug/l



Manual Integration Results

RT: 4.20
Area: 12849
Amount: 36.727840
Amount Units: ug/l



Reviewer: NN6A, 14-Nov-2025 17:35:09 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Lab Sample ID: CCVIS 460-1080639/3 Calibration Date: 12/16/2025 06:32

Instrument ID: CVOAMS15 Calib Start Date: 03/25/2025 19:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/25/2025 22:44

Lab File ID: T695685.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloroethyl vinyl ether	Ave					20.0		

Report Date: 16-Dec-2025 10:58:29 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695685.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 16-Dec-2025 06:32:44 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0200558-003
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Dec-2025 10:58:26 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1605

First Level Reviewer: FK2C Date: 16-Dec-2025 10:54:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.171	0.000	49	5288	20.0	26.6	
3 Chlorotrifluoroethene	116	1.270	1.270	0.000	71	22784	20.0	22.8	
2 1,1-Difluoroethane	65	1.275	1.275	0.000	94	44431	20.0	22.5	
4 Dichlorodifluoromethane	85	1.296	1.296	0.000	88	68715	20.0	11.6	
5 Chlorodifluoromethane	67	1.317	1.317	0.000	78	20265	20.0	21.5	
6 Chloromethane	50	1.454	1.454	0.000	88	63782	20.0	16.7	
7 Vinyl chloride	62	1.543	1.543	0.000	84	66114	20.0	20.4	
8 Butadiene	54	1.569	1.569	0.000	96	54343	20.0	20.3	
9 Bromomethane	94	1.821	1.821	0.000	98	30060	20.0	25.2	
10 Chloroethane	64	1.905	1.905	0.000	97	48008	20.0	20.2	
11 Dichlorofluoromethane	67	2.072	2.072	0.000	91	209099	20.0	21.4	
12 Trichlorofluoromethane	101	2.088	2.088	0.000	88	159083	20.0	19.9	
13 Pentane	72	2.141	2.141	0.000	95	25200	40.0	38.5	
14 Ethanol	46	2.266	2.266	0.000	98	11218	800.0	1012.9	
15 Ethyl ether	59	2.329	2.329	0.000	93	70945	20.0	20.0	
17 2-Methyl-1,3-butadiene	53	2.350	2.350	0.000	89	76744	20.0	20.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.366	2.366	0.000	87	89268	20.0	21.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.418	2.418	0.000	89	133033	20.0	21.5	
19 Acrolein	56	2.481	2.481	0.000	96	20903	40.0	41.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.502	2.502	0.000	96	88705	20.0	22.4	
20 1,1-Dichloroethene	96	2.529	2.529	0.000	91	91569	20.0	21.6	
22 Acetone	43	2.602	2.602	0.000	87	100165	100.0	105.1	
23 Iodomethane	142	2.675	2.675	0.000	98	100739	20.0	19.3	
25 Isopropyl alcohol	45	2.691	2.691	0.000	92	33849	200.0	219.2	
24 Carbon disulfide	76	2.717	2.717	0.000	99	266228	20.0	20.6	
27 3-Chloro-1-propene	76	2.848	2.848	0.000	90	54551	20.0	20.7	
28 Methyl acetate	43	2.859	2.859	0.000	96	102478	40.0	41.7	
29 Cyclopentene	67	2.885	2.885	0.000	89	240999	20.0	22.5	
26 Acetonitrile	41	2.885	2.885	0.000	62	119564	200.0	243.7	
* 31 TBA-d9 (IS)	66	2.958	2.958	0.000	97	42239	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.974	2.974	0.000	83	108146	20.0	21.2	
32 2-Methyl-2-propanol	59	3.032	3.032	0.000	96	51851	200.0	195.2	
35 Methyl tert-butyl ether	73	3.158	3.158	0.000	97	226339	20.0	18.4	
34 trans-1,2-Dichloroethene	96	3.179	3.179	0.000	87	105649	20.0	21.6	
33 Acrylonitrile	53	3.226	3.226	0.000	94	262913	200.0	214.7	
36 Hexane	57	3.373	3.373	0.000	92	97417	20.0	18.5	
40 Isopropyl ether	45	3.588	3.588	0.000	93	257892	20.0	19.2	
37 1,1-Dichloroethane	63	3.593	3.593	0.000	86	180480	20.0	21.4	
38 Vinyl acetate	86	3.619	3.619	0.000	99	25821	40.0	39.7	
39 2-Chloro-1,3-butadiene	88	3.656	3.656	0.000	90	90051	20.0	22.2	
41 Tert-butyl ethyl ether	59	3.928	3.928	0.000	90	236374	20.0	17.6	
* 42 2-Butanone-d5	46	4.107	4.107	0.000	81	304245	250.0	250.0	a
44 2,2-Dichloropropane	97	4.138	4.138	0.000	89	35725	20.0	20.3	
43 cis-1,2-Dichloroethene	96	4.159	4.159	0.000	92	115817	20.0	21.4	
45 2-Butanone (MEK)	72	4.170	4.170	0.000	100	41654	100.0	119.9	
47 Ethyl acetate	70	4.191	4.191	0.000	99	16930	40.0	43.0	a
48 Methyl acrylate	55	4.248	4.248	0.000	100	62090	20.0	19.2	
46 Propionitrile	54	4.285	4.285	0.000	98	99035	200.0	211.7	
49 Chlorobromomethane	128	4.400	4.400	0.000	67	55253	20.0	22.4	
51 Tetrahydrofuran	72	4.406	4.406	0.000	30	17633	40.0	53.4	
50 Methacrylonitrile	67	4.416	4.416	0.000	90	323091	200.0	227.3	
52 Chloroform	83	4.468	4.468	0.000	94	200668	20.0	22.2	
54 1,1,1-Trichloroethane	97	4.636	4.636	0.000	75	176978	20.0	21.6	
55 Cyclohexane	84	4.636	4.636	0.000	72	137106	20.0	22.5	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.636	0.000	96	214833	50.0	50.7	
56 Carbon tetrachloride	117	4.778	4.778	0.000	89	153464	20.0	21.4	
57 1,1-Dichloropropene	75	4.809	4.809	0.000	96	146605	20.0	21.7	
59 Isobutyl alcohol	43	4.935	4.935	0.000	98	50818	500.0	517.9	
60 Benzene	78	5.019	5.019	0.000	95	408098	20.0	22.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	73	257912	50.0	53.9	
62 Isooctane	57	5.029	5.029	0.000	61	185011	20.0	20.1	
63 Isopropyl acetate	61	5.108	5.108	0.000	91	39641	20.0	19.8	
61 1,2-Dichloroethane	62	5.108	5.108	0.000	97	140575	20.0	20.8	
64 Tert-amyl methyl ether	73	5.119	5.119	0.000	88	219832	20.0	18.8	
66 n-Heptane	43	5.250	5.250	0.000	89	76434	20.0	17.1	
* 65 Fluorobenzene	96	5.349	5.349	0.000	99	830031	50.0	50.0	
68 n-Butanol	56	5.701	5.701	0.000	88	32066	500.0	516.3	
67 Trichloroethene	95	5.758	5.758	0.000	95	114647	20.0	21.2	
69 Ethyl acrylate	55	5.916	5.916	0.000	94	181565	20.0	19.6	
70 Methylcyclohexane	83	5.926	5.926	0.000	90	142483	20.0	21.8	
71 1,2-Dichloropropane	63	6.073	6.073	0.000	88	98980	20.0	20.5	
* 73 1,4-Dioxane-d8	96	6.141	6.141	0.000	1	34652	1000.0	1000.0	
75 Methyl methacrylate	100	6.199	6.199	0.000	85	38554	40.0	39.1	
74 1,4-Dioxane	88	6.209	6.209	0.000	40	16638	400.0	519.1	
72 Dibromomethane	93	6.214	6.214	0.000	95	62372	20.0	21.7	
76 n-Propyl acetate	43	6.267	6.267	0.000	97	80821	20.0	17.7	
77 Dichlorobromomethane	83	6.403	6.403	0.000	95	130261	20.0	20.9	
78 2-Nitropropane	41	6.775	6.775	0.000	97	23727	40.0	30.9	
80 Epichlorohydrin	57	6.912	6.912	0.000	98	35768	400.0	177.6	
81 cis-1,3-Dichloropropene	75	6.996	6.996	0.000	86	157503	20.0	20.7	
82 4-Methyl-2-pentanone (MIBK)	43	7.200	7.200	0.000	95	279069	100.0	112.9	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	791984	50.0	54.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.389	7.389	0.000	93	444352	20.0	22.4	
85 trans-1,3-Dichloropropene	75	7.793	7.793	0.000	96	129585	20.0	19.6	
86 Ethyl methacrylate	69	7.871	7.871	0.000	87	89977	20.0	18.7	
87 1,1,2-Trichloroethane	83	8.039	8.039	0.000	92	68510	20.0	21.4	
88 Tetrachloroethene	166	8.123	8.123	0.000	91	122453	20.0	20.8	
89 1,3-Dichloropropane	76	8.285	8.285	0.000	92	141348	20.0	21.5	
90 2-Hexanone	43	8.390	8.390	0.000	95	188822	100.0	105.9	
91 Chlorodibromomethane	129	8.563	8.563	0.000	95	90085	20.0	21.0	
93 n-Butyl acetate	43	8.563	8.563	0.000	98	85312	20.0	17.8	
92 Ethylene Dibromide	107	8.736	8.736	0.000	98	82424	20.0	21.6	
* 94 Chlorobenzene-d5	117	9.418	9.418	0.000	85	614329	50.0	50.0	
95 Chlorobenzene	112	9.460	9.460	0.000	94	291717	20.0	22.6	
96 1,1,1,2-Tetrachloroethane	131	9.612	9.612	0.000	39	102110	20.0	22.3	
97 Ethylbenzene	106	9.612	9.612	0.000	98	157062	20.0	22.4	
98 m-Xylene & p-Xylene	106	9.806	9.806	0.000	91	190121	20.0	21.9	
99 o-Xylene	106	10.435	10.435	0.000	94	179728	20.0	21.7	
101 n-Butyl acrylate	73	10.461	10.461	0.000	95	52062	20.0	19.8	
100 Styrene	104	10.482	10.482	0.000	95	288512	20.0	22.1	
102 Bromoform	173	10.776	10.776	0.000	94	51320	20.0	20.8	
103 Amyl acetate (mixed isomers)	43	10.849	10.849	0.000	92	92603	20.0	16.1	
104 Isopropylbenzene	105	11.038	11.038	0.000	96	430359	20.0	22.2	
$ 105 4-Bromofluorobenzene	174	11.326	11.326	0.000	92	256825	50.0	49.7	
106 Bromobenzene	156	11.510	11.510	0.000	94	121417	20.0	21.1	
107 1,1,2,2-Tetrachloroethane	83	11.599	11.599	0.000	92	86278	20.0	21.6	
108 1,2,3-Trichloropropane	110	11.646	11.646	0.000	60	29596	20.0	21.9	
110 N-Propylbenzene	91	11.662	11.662	0.000	99	546802	20.0	22.6	
109 trans-1,4-Dichloro-2-butene	53	11.693	11.693	0.000	87	21662	20.0	16.7	
111 2-Chlorotoluene	91	11.783	11.783	0.000	97	347088	20.0	22.2	
112 4-Ethyltoluene	105	11.825	11.825	0.000	98	458508	20.0	22.5	
114 1,3,5-Trimethylbenzene	105	11.919	11.919	0.000	90	377449	20.0	22.6	
113 4-Chlorotoluene	91	11.940	11.940	0.000	98	386814	20.0	22.5	
115 Butyl Methacrylate	87	12.087	12.087	0.000	88	90852	20.0	18.8	
116 tert-Butylbenzene	119	12.296	12.296	0.000	90	328275	20.0	22.4	
117 1,2,4-Trimethylbenzene	105	12.375	12.375	0.000	98	381616	20.0	22.4	
118 sec-Butylbenzene	105	12.559	12.559	0.000	98	457346	20.0	23.0	
119 1,3-Dichlorobenzene	146	12.690	12.690	0.000	96	210316	20.0	21.4	
122 4-Isopropyltoluene	119	12.732	12.732	0.000	93	389427	20.0	22.6	
* 120 1,4-Dichlorobenzene-d4	152	12.774	12.774	0.000	95	329774	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.800	12.800	0.000	93	209232	20.0	21.3	
123 1,2,3-Trimethylbenzene	105	12.842	12.842	0.000	99	378831	20.0	22.6	
124 Benzyl chloride	91	12.957	12.957	0.000	99	117385	20.0	17.1	
125 2,3-Dihydroindene	117	13.041	13.041	0.000	89	327252	20.0	22.3	
127 p-Diethylbenzene	119	13.135	13.135	0.000	92	225188	20.0	22.8	
128 n-Butylbenzene	92	13.156	13.156	0.000	97	185456	20.0	22.8	
126 1,2-Dichlorobenzene	146	13.183	13.183	0.000	95	186456	20.0	21.8	
130 1,2,4,5-Tetramethylbenzene	119	13.880	13.880	0.000	96	299234	20.0	21.0	
129 1,2-Dibromo-3-Chloropropane	157	13.943	13.943	0.000	93	14947	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	14.090	14.090	0.000	97	125672	20.0	20.6	
132 1,2,4-Trichlorobenzene	180	14.624	14.624	0.000	94	91724	20.0	19.4	
133 Hexachlorobutadiene	225	14.734	14.734	0.000	80	57298	20.0	21.6	
134 Naphthalene	128	14.818	14.818	0.000	99	192080	20.0	20.8	
135 1,2,3-Trichlorobenzene	180	15.012	15.012	0.000	95	74209	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.0	
S 137 Xylenes, Total	100				0		40.0	43.6	
S 140 Total BTEX	1				0		100.0	111.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00216	Amount Added:	20.00	Units: uL	
GASES Li_00674	Amount Added:	20.00	Units: uL	
524FREONS_00047	Amount Added:	20.00	Units: uL	
ACROLEIN W_00192	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00084	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 16-Dec-2025 10:58:30 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695685.D

Injection Date: 16-Dec-2025 06:32:44 Instrument ID: CVOAMS15

Lims ID: CCVIS

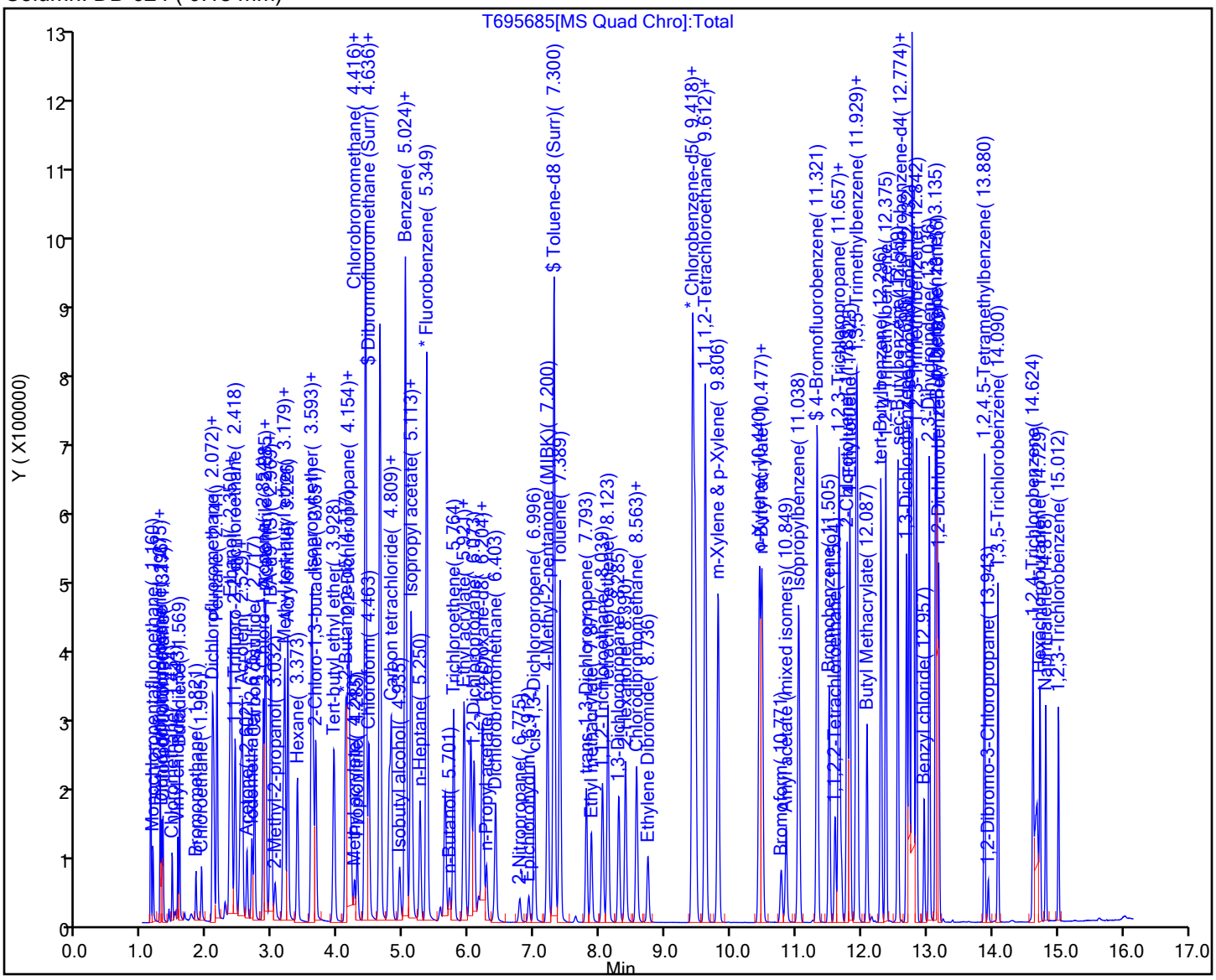
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

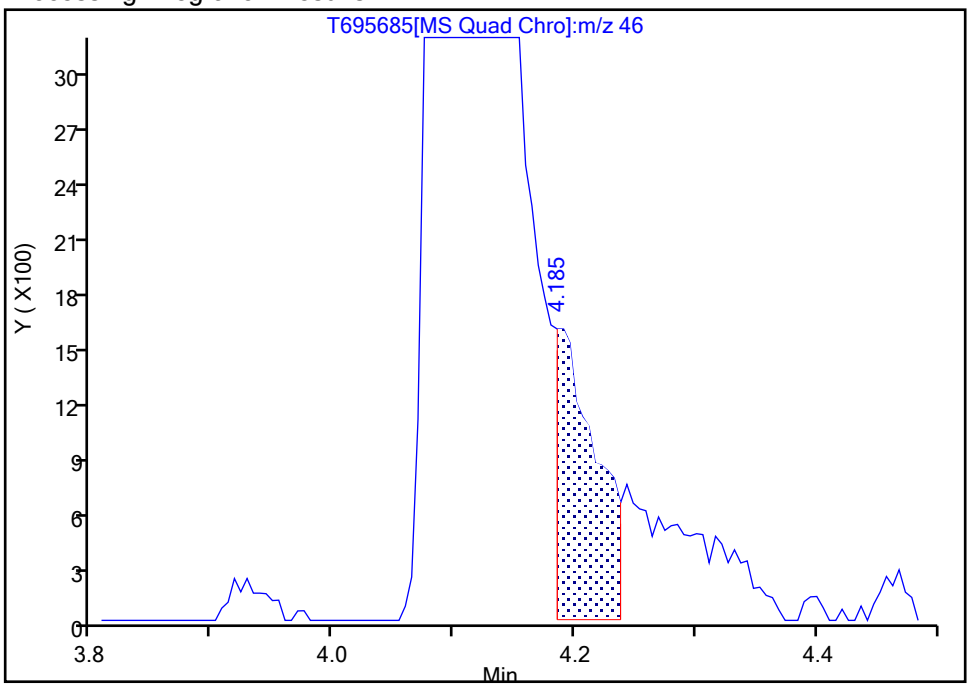
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695685.D
Injection Date: 16-Dec-2025 06:32:44 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

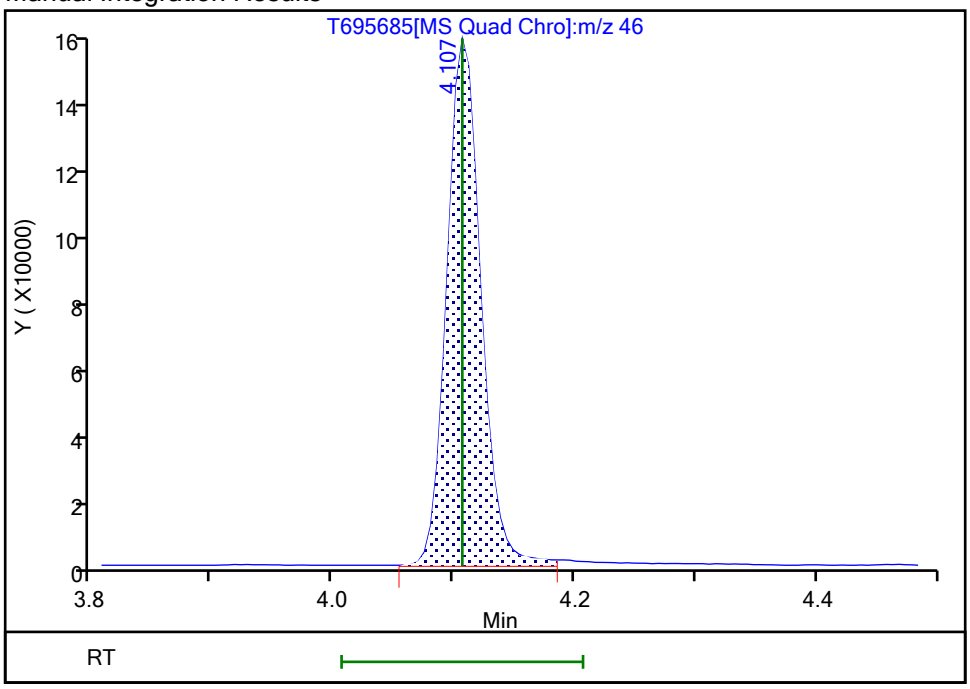
Processing Integration Results

RT: 4.19
Area: 3735
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.11
Area: 304245
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 16-Dec-2025 09:02:42 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Lab Sample ID: CCVIS 460-1080639/3 Calibration Date: 12/16/2025 06:32

Instrument ID: CVOAMS15 Calib Start Date: 11/10/2025 08:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/10/2025 13:08

Lab File ID: T695685.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Qua2		0.0159		26.6	20.0	33.0*	20.0
Chlorotrifluoroethene	QuaF		0.0686		22.8	20.0	14.0	20.0
1,1-Difluoroethane	Ave	0.1188	0.1338		22.5	20.0	13.0	20.0
Dichlorodifluoromethane	Lin2		0.2070	0.1000	11.6	20.0	-42.0*	20.0
Chlorodifluoromethane	Ave	0.0567	0.0610		21.5	20.0	8.0	20.0
Chloromethane	Ave	0.2305	0.1921	0.0050	16.7	20.0	-17.0	20.0
Vinyl chloride	Ave	0.1956	0.1991	0.0050	20.4	20.0	2.0	20.0
Butadiene	Ave	0.1611	0.1637		20.3	20.0	2.0	20.0
Bromomethane	Ave	0.0718	0.0905	0.0050	25.2	20.0	26.0	50.0
Chloroethane	Ave	0.1434	0.1446	0.0050	20.2	20.0	1.0	50.0
Dichlorofluoromethane	Ave	0.5899	0.6298		21.4	20.0	7.0	20.0
Trichlorofluoromethane	Ave	0.4822	0.4791	0.1000	19.9	20.0	-1.0	20.0
Pentane	Ave	0.0395	0.0380		38.5	40.0	-4.0	20.0
Ethanol	Ave	0.2622	0.3320		1010	800	27.0	50.0
Ethyl ether	Lin2		0.2137		20.0	20.0	0.0	20.0
2-Methyl-1,3-butadiene	Ave	0.2317	0.2311		20.0	20.0	0.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2485	0.2689		21.6	20.0	8.0	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3727	0.4007		21.5	20.0	8.0	20.0
Acrolein	Ave	11.89	12.37		41.6	40.0	4.0	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2380	0.2672	0.1000	22.4	20.0	12.0	20.0
1,1-Dichloroethene	Ave	0.2559	0.2758	0.1000	21.6	20.0	8.0	20.0
Acetone	Ave	0.7829	0.8231	0.0010	105	100	5.0	50.0
Iodomethane	Qua		0.3034		19.3	20.0	-4.0	20.0
Isopropyl alcohol	Ave	3.656	4.007		219	200	10.0	50.0
Carbon disulfide	Ave	0.7799	0.8019	0.1000	20.6	20.0	3.0	50.0
3-Chloro-1-propene	Ave	0.1585	0.1643		20.7	20.0	4.0	20.0
Methyl acetate	Ave	0.1482	0.1543	0.0500	41.7	40.0	4.0	20.0
Acetonitrile	Ave	0.4031	0.4912		244	200	22.0*	20.0
Cyclopentene	Ave	0.6461	0.7259		22.5	20.0	12.0	20.0
Methylene Chloride	Ave	0.3068	0.3257	0.1000	21.2	20.0	6.0	20.0
2-Methyl-2-propanol	Ave	6.288	6.138		195	200	-2.0	50.0
Methyl tert-butyl ether	Ave	0.7414	0.6817	0.1000	18.4	20.0	-8.0	20.0
trans-1,2-Dichloroethene	Ave	0.2949	0.3182	0.1000	21.6	20.0	8.0	20.0
Acrylonitrile	Ave	0.0738	0.0792		215	200	7.0	20.0
Hexane	Ave	0.3171	0.2934		18.5	20.0	-7.0	20.0
Isopropyl ether	Ave	0.8089	0.7768		19.2	20.0	-4.0	20.0
1,1-Dichloroethane	Ave	0.5075	0.5436	0.2000	21.4	20.0	7.0	20.0
Vinyl acetate	Ave	0.5349	0.5304		39.7	40.0	-1.0	20.0
2-Chloro-1,3-butadiene	Ave	0.2440	0.2712		22.2	20.0	11.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Lab Sample ID: CCVIS 460-1080639/3 Calibration Date: 12/16/2025 06:32

Instrument ID: CVOAMS15 Calib Start Date: 11/10/2025 08:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/10/2025 13:08

Lab File ID: T695685.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.8104	0.7119		17.6	20.0	-12.0	20.0
2,2-Dichloropropane	Ave	0.1058	0.1076		20.3	20.0	2.0	20.0
cis-1,2-Dichloroethene	Ave	0.3256	0.3488	0.1000	21.4	20.0	7.0	20.0
2-Butanone (MEK)	Ave	0.2853	0.3423	0.0100	120	100	20.0	50.0
Ethyl acetate	Ave	0.3233	0.3478		43.0	40.0	8.0	20.0
Methyl acrylate	Ave	0.1946	0.1870		19.2	20.0	-4.0	20.0
Propionitrile	Ave	0.0282	0.0298		212	200	6.0	20.0
Chlorobromomethane	Ave	0.1484	0.1664		22.4	20.0	12.0	20.0
Tetrahydrofuran	Ave	0.2713	0.3622		53.4	40.0	34.0*	20.0
Methacrylonitrile	Ave	0.0856	0.0973		227	200	14.0	20.0
Chloroform	Ave	0.5447	0.6044	0.2000	22.2	20.0	11.0	20.0
1,1,1-Trichloroethane	Ave	0.4933	0.5330	0.1000	21.6	20.0	8.0	20.0
Cyclohexane	Ave	0.3666	0.4130	0.1000	22.5	20.0	13.0	50.0
Carbon tetrachloride	Ave	0.4315	0.4622	0.1000	21.4	20.0	7.0	20.0
1,1-Dichloropropene	Ave	0.4071	0.4416		21.7	20.0	8.0	20.0
Isobutyl alcohol	Ave	2.323	2.406		518	500	4.0	50.0
Benzene	Ave	1.469	1.661	0.5000	22.6	20.0	13.0	20.0
Isooctane	Ave	0.5548	0.5572		20.1	20.0	0.0	20.0
1,2-Dichloroethane	Ave	0.4070	0.4234	0.1000	20.8	20.0	4.0	20.0
Isopropyl acetate	Ave	0.1206	0.1194		19.8	20.0	-1.0	20.0
Tert-amyl methyl ether	Ave	0.7052	0.6621		18.8	20.0	-6.0	20.0
n-Heptane	Ave	0.2688	0.2302		17.1	20.0	-14.0	20.0
n-Butanol	Ave	1.470	1.518		516	500	3.0	50.0
Trichloroethene	Ave	0.3253	0.3453	0.2000	21.2	20.0	6.0	20.0
Ethyl acrylate	Ave	0.5583	0.5469		19.6	20.0	-2.0	20.0
Methylcyclohexane	Ave	0.3937	0.4291	0.1000	21.8	20.0	9.0	50.0
1,2-Dichloropropane	Ave	0.2913	0.2981	0.1000	20.5	20.0	2.0	20.0
Methyl methacrylate	Ave	0.0594	0.0581		39.1	40.0	-2.0	20.0
1,4-Dioxane	Ave	0.9249	1.200		519	400	30.0	50.0
Dibromomethane	Ave	0.1730	0.1879		21.7	20.0	9.0	20.0
n-Propyl acetate	Ave	0.2748	0.2434		17.7	20.0	-11.0	20.0
Dichlorobromomethane	Ave	0.3754	0.3923	0.2000	20.9	20.0	5.0	20.0
2-Nitropropane	Ave	0.6313	0.4874		30.9	40.0	-23.0*	20.0
Epichlorohydrin	Ave	0.1655	0.0735		178	400	-56.0*	20.0
cis-1,3-Dichloropropene	Ave	0.6195	0.6410	0.2000	20.7	20.0	3.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.031	2.293	0.0500	113	100	13.0	50.0
Toluene	Ave	1.615	1.808	0.4000	22.4	20.0	12.0	20.0
trans-1,3-Dichloropropene	Ave	0.5368	0.5273	0.1000	19.6	20.0	-2.0	50.0
Ethyl methacrylate	Ave	0.3919	0.3662		18.7	20.0	-7.0	20.0
1,1,2-Trichloroethane	Ave	0.2603	0.2788	0.1000	21.4	20.0	7.0	20.0
Tetrachloroethene	Ave	0.4786	0.4983	0.2000	20.8	20.0	4.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Lab Sample ID: CCVIS 460-1080639/3 Calibration Date: 12/16/2025 06:32

Instrument ID: CVOAMS15 Calib Start Date: 11/10/2025 08:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/10/2025 13:08

Lab File ID: T695685.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.5362	0.5752		21.5	20.0	7.0	20.0
2-Hexanone	Ave	1.466	1.552	0.0500	106	100	6.0	50.0
Chlorodibromomethane	Ave	0.3497	0.3666	0.1000	21.0	20.0	5.0	50.0
n-Butyl acetate	Ave	0.3907	0.3472		17.8	20.0	-11.0	20.0
Ethylene Dibromide	Ave	0.3113	0.3354	0.1000	21.6	20.0	8.0	20.0
Chlorobenzene	Ave	1.051	1.187	0.5000	22.6	20.0	13.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3735	0.4155		22.3	20.0	11.0	20.0
Ethylbenzene	Ave	0.5703	0.6392	0.1000	22.4	20.0	12.0	20.0
m-Xylene & p-Xylene	Ave	0.7070	0.7737	0.1000	21.9	20.0	9.0	20.0
o-Xylene	Ave	0.6743	0.7314	0.3000	21.7	20.0	8.0	20.0
n-Butyl acrylate	Ave	0.2142	0.2119		19.8	20.0	-1.0	20.0
Styrene	Ave	1.063	1.174	0.3000	22.1	20.0	10.0	20.0
Bromoform	Ave	0.2007	0.2088	0.1000	20.8	20.0	4.0	20.0
Amyl acetate (mixed isomers)	Ave	0.8743	0.7020		16.1	20.0	-20.0	20.0
Isopropylbenzene	Ave	1.579	1.751	0.1000	22.2	20.0	11.0	20.0
Bromobenzene	Ave	0.8729	0.9205		21.1	20.0	5.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6048	0.6541	0.3000	21.6	20.0	8.0	20.0
1,2,3-Trichloropropane	Ave	0.2052	0.2244		21.9	20.0	9.0	20.0
N-Propylbenzene	Ave	3.661	4.145		22.6	20.0	13.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1969	0.1642		16.7	20.0	-17.0	20.0
2-Chlorotoluene	Ave	2.369	2.631		22.2	20.0	11.0	20.0
4-Ethyltoluene	Ave	3.094	3.476		22.5	20.0	12.0	20.0
1,3,5-Trimethylbenzene	Ave	2.530	2.861		22.6	20.0	13.0	20.0
4-Chlorotoluene	Ave	2.606	2.932		22.5	20.0	13.0	20.0
Butyl Methacrylate	Ave	0.7323	0.6887		18.8	20.0	-6.0	20.0
tert-Butylbenzene	Ave	2.222	2.489		22.4	20.0	12.0	20.0
1,2,4-Trimethylbenzene	Ave	2.584	2.893		22.4	20.0	12.0	20.0
sec-Butylbenzene	Ave	3.015	3.467		23.0	20.0	15.0	20.0
1,3-Dichlorobenzene	Ave	1.488	1.594	0.6000	21.4	20.0	7.0	20.0
4-Isopropyltoluene	Ave	2.610	2.952		22.6	20.0	13.0	20.0
1,4-Dichlorobenzene	Ave	1.491	1.586	0.5000	21.3	20.0	6.0	20.0
1,2,3-Trimethylbenzene	Ave	2.540	2.872		22.6	20.0	13.0	20.0
Benzyl chloride	Ave	1.042	0.8899		17.1	20.0	-15.0	50.0
Indan	Ave	2.225	2.481		22.3	20.0	11.0	20.0
p-Diethylbenzene	Ave	1.496	1.707		22.8	20.0	14.0	20.0
n-Butylbenzene	Ave	1.233	1.406		22.8	20.0	14.0	20.0
1,2-Dichlorobenzene	Ave	1.296	1.414	0.4000	21.8	20.0	9.0	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.157	2.268		21.0	20.0	5.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1081	0.1133	0.0200	21.0	20.0	5.0	50.0
1,3,5-Trichlorobenzene	Ave	0.9250	0.9527		20.6	20.0	3.0	20.0
1,2,4-Trichlorobenzene	QuaF		0.6954	0.2000	19.4	20.0	-3.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Lab Sample ID: CCVIS 460-1080639/3 Calibration Date: 12/16/2025 06:32

Instrument ID: CVOAMS15 Calib Start Date: 11/10/2025 08:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/10/2025 13:08

Lab File ID: T695685.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.4013	0.4344		21.6	20.0	8.0	20.0
Naphthalene	Qua		1.456		20.8	20.0	4.0	50.0
1,2,3-Trichlorobenzene	Qua		0.5626		20.6	20.0	3.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2551	0.2588		50.7	50.0	1.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2884	0.3107		53.9	50.0	8.0	20.0
Toluene-d8 (Surr)	Ave	1.192	1.289		54.1	50.0	8.0	20.0
4-Bromofluorobenzene	Ave	0.4205	0.4181		49.7	50.0	-1.0	20.0

Report Date: 16-Dec-2025 10:58:29 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695685.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 16-Dec-2025 06:32:44 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0200558-003
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Dec-2025 10:58:26 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1605

First Level Reviewer: FK2C Date: 16-Dec-2025 10:54:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.171	0.000	49	5288	20.0	26.6	
3 Chlorotrifluoroethene	116	1.270	1.270	0.000	71	22784	20.0	22.8	
2 1,1-Difluoroethane	65	1.275	1.275	0.000	94	44431	20.0	22.5	
4 Dichlorodifluoromethane	85	1.296	1.296	0.000	88	68715	20.0	11.6	
5 Chlorodifluoromethane	67	1.317	1.317	0.000	78	20265	20.0	21.5	
6 Chloromethane	50	1.454	1.454	0.000	88	63782	20.0	16.7	
7 Vinyl chloride	62	1.543	1.543	0.000	84	66114	20.0	20.4	
8 Butadiene	54	1.569	1.569	0.000	96	54343	20.0	20.3	
9 Bromomethane	94	1.821	1.821	0.000	98	30060	20.0	25.2	
10 Chloroethane	64	1.905	1.905	0.000	97	48008	20.0	20.2	
11 Dichlorofluoromethane	67	2.072	2.072	0.000	91	209099	20.0	21.4	
12 Trichlorofluoromethane	101	2.088	2.088	0.000	88	159083	20.0	19.9	
13 Pentane	72	2.141	2.141	0.000	95	25200	40.0	38.5	
14 Ethanol	46	2.266	2.266	0.000	98	11218	800.0	1012.9	
15 Ethyl ether	59	2.329	2.329	0.000	93	70945	20.0	20.0	
17 2-Methyl-1,3-butadiene	53	2.350	2.350	0.000	89	76744	20.0	20.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.366	2.366	0.000	87	89268	20.0	21.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.418	2.418	0.000	89	133033	20.0	21.5	
19 Acrolein	56	2.481	2.481	0.000	96	20903	40.0	41.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.502	2.502	0.000	96	88705	20.0	22.4	
20 1,1-Dichloroethene	96	2.529	2.529	0.000	91	91569	20.0	21.6	
22 Acetone	43	2.602	2.602	0.000	87	100165	100.0	105.1	
23 Iodomethane	142	2.675	2.675	0.000	98	100739	20.0	19.3	
25 Isopropyl alcohol	45	2.691	2.691	0.000	92	33849	200.0	219.2	
24 Carbon disulfide	76	2.717	2.717	0.000	99	266228	20.0	20.6	
27 3-Chloro-1-propene	76	2.848	2.848	0.000	90	54551	20.0	20.7	
28 Methyl acetate	43	2.859	2.859	0.000	96	102478	40.0	41.7	
29 Cyclopentene	67	2.885	2.885	0.000	89	240999	20.0	22.5	
26 Acetonitrile	41	2.885	2.885	0.000	62	119564	200.0	243.7	
* 31 TBA-d9 (IS)	66	2.958	2.958	0.000	97	42239	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.974	2.974	0.000	83	108146	20.0	21.2	
32 2-Methyl-2-propanol	59	3.032	3.032	0.000	96	51851	200.0	195.2	
35 Methyl tert-butyl ether	73	3.158	3.158	0.000	97	226339	20.0	18.4	
34 trans-1,2-Dichloroethene	96	3.179	3.179	0.000	87	105649	20.0	21.6	
33 Acrylonitrile	53	3.226	3.226	0.000	94	262913	200.0	214.7	
36 Hexane	57	3.373	3.373	0.000	92	97417	20.0	18.5	
40 Isopropyl ether	45	3.588	3.588	0.000	93	257892	20.0	19.2	
37 1,1-Dichloroethane	63	3.593	3.593	0.000	86	180480	20.0	21.4	
38 Vinyl acetate	86	3.619	3.619	0.000	99	25821	40.0	39.7	
39 2-Chloro-1,3-butadiene	88	3.656	3.656	0.000	90	90051	20.0	22.2	
41 Tert-butyl ethyl ether	59	3.928	3.928	0.000	90	236374	20.0	17.6	
* 42 2-Butanone-d5	46	4.107	4.107	0.000	81	304245	250.0	250.0	a
44 2,2-Dichloropropane	97	4.138	4.138	0.000	89	35725	20.0	20.3	
43 cis-1,2-Dichloroethene	96	4.159	4.159	0.000	92	115817	20.0	21.4	
45 2-Butanone (MEK)	72	4.170	4.170	0.000	100	41654	100.0	119.9	
47 Ethyl acetate	70	4.191	4.191	0.000	99	16930	40.0	43.0	a
48 Methyl acrylate	55	4.248	4.248	0.000	100	62090	20.0	19.2	
46 Propionitrile	54	4.285	4.285	0.000	98	99035	200.0	211.7	
49 Chlorobromomethane	128	4.400	4.400	0.000	67	55253	20.0	22.4	
51 Tetrahydrofuran	72	4.406	4.406	0.000	30	17633	40.0	53.4	
50 Methacrylonitrile	67	4.416	4.416	0.000	90	323091	200.0	227.3	
52 Chloroform	83	4.468	4.468	0.000	94	200668	20.0	22.2	
54 1,1,1-Trichloroethane	97	4.636	4.636	0.000	75	176978	20.0	21.6	
55 Cyclohexane	84	4.636	4.636	0.000	72	137106	20.0	22.5	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.636	0.000	96	214833	50.0	50.7	
56 Carbon tetrachloride	117	4.778	4.778	0.000	89	153464	20.0	21.4	
57 1,1-Dichloropropene	75	4.809	4.809	0.000	96	146605	20.0	21.7	
59 Isobutyl alcohol	43	4.935	4.935	0.000	98	50818	500.0	517.9	
60 Benzene	78	5.019	5.019	0.000	95	408098	20.0	22.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	73	257912	50.0	53.9	
62 Isooctane	57	5.029	5.029	0.000	61	185011	20.0	20.1	
63 Isopropyl acetate	61	5.108	5.108	0.000	91	39641	20.0	19.8	
61 1,2-Dichloroethane	62	5.108	5.108	0.000	97	140575	20.0	20.8	
64 Tert-amyl methyl ether	73	5.119	5.119	0.000	88	219832	20.0	18.8	
66 n-Heptane	43	5.250	5.250	0.000	89	76434	20.0	17.1	
* 65 Fluorobenzene	96	5.349	5.349	0.000	99	830031	50.0	50.0	
68 n-Butanol	56	5.701	5.701	0.000	88	32066	500.0	516.3	
67 Trichloroethene	95	5.758	5.758	0.000	95	114647	20.0	21.2	
69 Ethyl acrylate	55	5.916	5.916	0.000	94	181565	20.0	19.6	
70 Methylcyclohexane	83	5.926	5.926	0.000	90	142483	20.0	21.8	
71 1,2-Dichloropropane	63	6.073	6.073	0.000	88	98980	20.0	20.5	
* 73 1,4-Dioxane-d8	96	6.141	6.141	0.000	1	34652	1000.0	1000.0	
75 Methyl methacrylate	100	6.199	6.199	0.000	85	38554	40.0	39.1	
74 1,4-Dioxane	88	6.209	6.209	0.000	40	16638	400.0	519.1	
72 Dibromomethane	93	6.214	6.214	0.000	95	62372	20.0	21.7	
76 n-Propyl acetate	43	6.267	6.267	0.000	97	80821	20.0	17.7	
77 Dichlorobromomethane	83	6.403	6.403	0.000	95	130261	20.0	20.9	
78 2-Nitropropane	41	6.775	6.775	0.000	97	23727	40.0	30.9	
80 Epichlorohydrin	57	6.912	6.912	0.000	98	35768	400.0	177.6	
81 cis-1,3-Dichloropropene	75	6.996	6.996	0.000	86	157503	20.0	20.7	
82 4-Methyl-2-pentanone (MIBK)	43	7.200	7.200	0.000	95	279069	100.0	112.9	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	791984	50.0	54.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.389	7.389	0.000	93	444352	20.0	22.4	
85 trans-1,3-Dichloropropene	75	7.793	7.793	0.000	96	129585	20.0	19.6	
86 Ethyl methacrylate	69	7.871	7.871	0.000	87	89977	20.0	18.7	
87 1,1,2-Trichloroethane	83	8.039	8.039	0.000	92	68510	20.0	21.4	
88 Tetrachloroethene	166	8.123	8.123	0.000	91	122453	20.0	20.8	
89 1,3-Dichloropropane	76	8.285	8.285	0.000	92	141348	20.0	21.5	
90 2-Hexanone	43	8.390	8.390	0.000	95	188822	100.0	105.9	
91 Chlorodibromomethane	129	8.563	8.563	0.000	95	90085	20.0	21.0	
93 n-Butyl acetate	43	8.563	8.563	0.000	98	85312	20.0	17.8	
92 Ethylene Dibromide	107	8.736	8.736	0.000	98	82424	20.0	21.6	
* 94 Chlorobenzene-d5	117	9.418	9.418	0.000	85	614329	50.0	50.0	
95 Chlorobenzene	112	9.460	9.460	0.000	94	291717	20.0	22.6	
96 1,1,1,2-Tetrachloroethane	131	9.612	9.612	0.000	39	102110	20.0	22.3	
97 Ethylbenzene	106	9.612	9.612	0.000	98	157062	20.0	22.4	
98 m-Xylene & p-Xylene	106	9.806	9.806	0.000	91	190121	20.0	21.9	
99 o-Xylene	106	10.435	10.435	0.000	94	179728	20.0	21.7	
101 n-Butyl acrylate	73	10.461	10.461	0.000	95	52062	20.0	19.8	
100 Styrene	104	10.482	10.482	0.000	95	288512	20.0	22.1	
102 Bromoform	173	10.776	10.776	0.000	94	51320	20.0	20.8	
103 Amyl acetate (mixed isomers)	43	10.849	10.849	0.000	92	92603	20.0	16.1	
104 Isopropylbenzene	105	11.038	11.038	0.000	96	430359	20.0	22.2	
$ 105 4-Bromofluorobenzene	174	11.326	11.326	0.000	92	256825	50.0	49.7	
106 Bromobenzene	156	11.510	11.510	0.000	94	121417	20.0	21.1	
107 1,1,2,2-Tetrachloroethane	83	11.599	11.599	0.000	92	86278	20.0	21.6	
108 1,2,3-Trichloropropane	110	11.646	11.646	0.000	60	29596	20.0	21.9	
110 N-Propylbenzene	91	11.662	11.662	0.000	99	546802	20.0	22.6	
109 trans-1,4-Dichloro-2-butene	53	11.693	11.693	0.000	87	21662	20.0	16.7	
111 2-Chlorotoluene	91	11.783	11.783	0.000	97	347088	20.0	22.2	
112 4-Ethyltoluene	105	11.825	11.825	0.000	98	458508	20.0	22.5	
114 1,3,5-Trimethylbenzene	105	11.919	11.919	0.000	90	377449	20.0	22.6	
113 4-Chlorotoluene	91	11.940	11.940	0.000	98	386814	20.0	22.5	
115 Butyl Methacrylate	87	12.087	12.087	0.000	88	90852	20.0	18.8	
116 tert-Butylbenzene	119	12.296	12.296	0.000	90	328275	20.0	22.4	
117 1,2,4-Trimethylbenzene	105	12.375	12.375	0.000	98	381616	20.0	22.4	
118 sec-Butylbenzene	105	12.559	12.559	0.000	98	457346	20.0	23.0	
119 1,3-Dichlorobenzene	146	12.690	12.690	0.000	96	210316	20.0	21.4	
122 4-Isopropyltoluene	119	12.732	12.732	0.000	93	389427	20.0	22.6	
* 120 1,4-Dichlorobenzene-d4	152	12.774	12.774	0.000	95	329774	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.800	12.800	0.000	93	209232	20.0	21.3	
123 1,2,3-Trimethylbenzene	105	12.842	12.842	0.000	99	378831	20.0	22.6	
124 Benzyl chloride	91	12.957	12.957	0.000	99	117385	20.0	17.1	
125 2,3-Dihydroindene	117	13.041	13.041	0.000	89	327252	20.0	22.3	
127 p-Diethylbenzene	119	13.135	13.135	0.000	92	225188	20.0	22.8	
128 n-Butylbenzene	92	13.156	13.156	0.000	97	185456	20.0	22.8	
126 1,2-Dichlorobenzene	146	13.183	13.183	0.000	95	186456	20.0	21.8	
130 1,2,4,5-Tetramethylbenzene	119	13.880	13.880	0.000	96	299234	20.0	21.0	
129 1,2-Dibromo-3-Chloropropane	157	13.943	13.943	0.000	93	14947	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	14.090	14.090	0.000	97	125672	20.0	20.6	
132 1,2,4-Trichlorobenzene	180	14.624	14.624	0.000	94	91724	20.0	19.4	
133 Hexachlorobutadiene	225	14.734	14.734	0.000	80	57298	20.0	21.6	
134 Naphthalene	128	14.818	14.818	0.000	99	192080	20.0	20.8	
135 1,2,3-Trichlorobenzene	180	15.012	15.012	0.000	95	74209	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.0	
S 137 Xylenes, Total	100				0		40.0	43.6	
S 140 Total BTEX	1				0		100.0	111.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00216	Amount Added:	20.00	Units: uL	
GASES Li_00674	Amount Added:	20.00	Units: uL	
524FREONS_00047	Amount Added:	20.00	Units: uL	
ACROLEIN W_00192	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00084	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 16-Dec-2025 10:58:30 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695685.D

Injection Date: 16-Dec-2025 06:32:44 Instrument ID: CVOAMS15

Lims ID: CCVIS

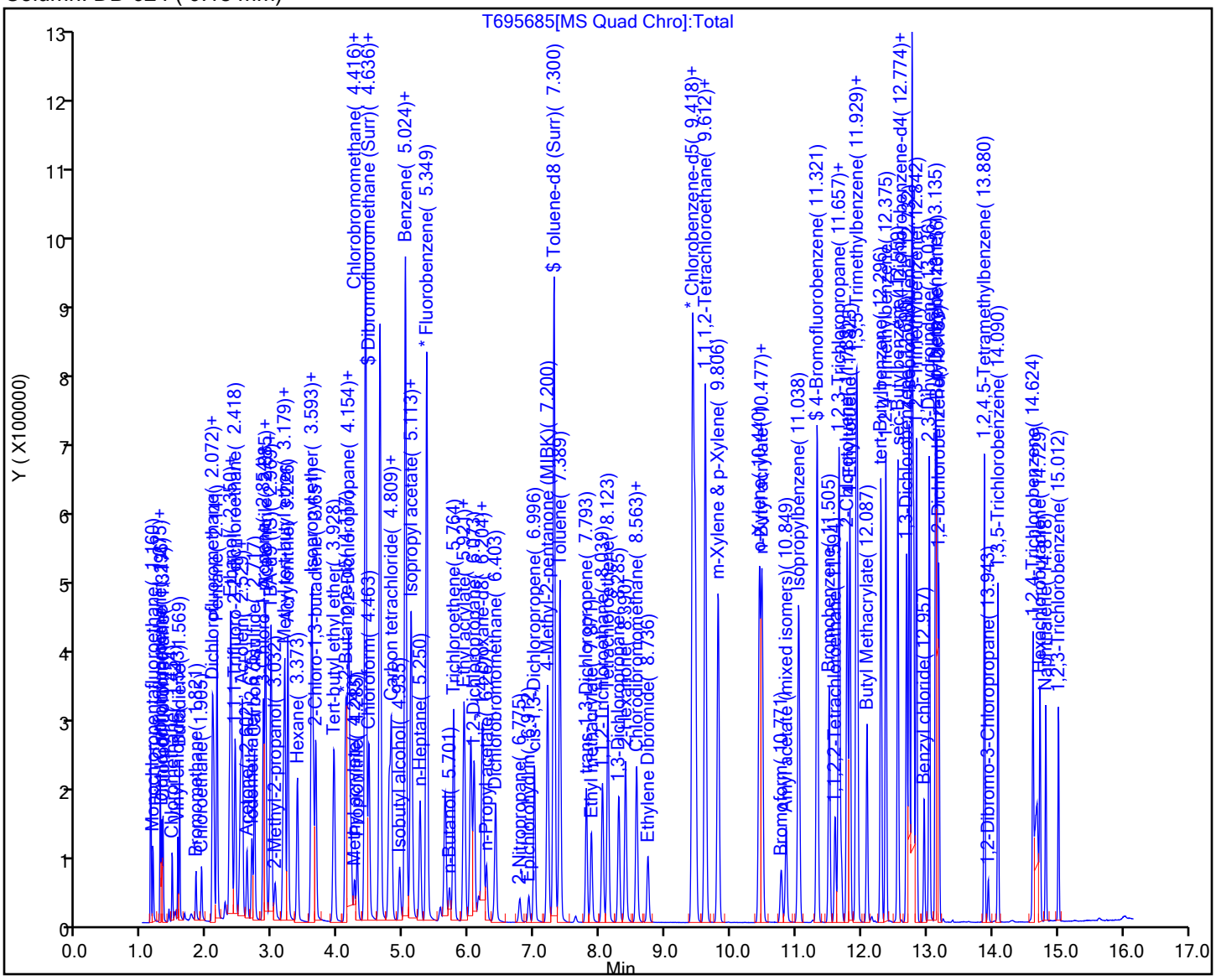
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

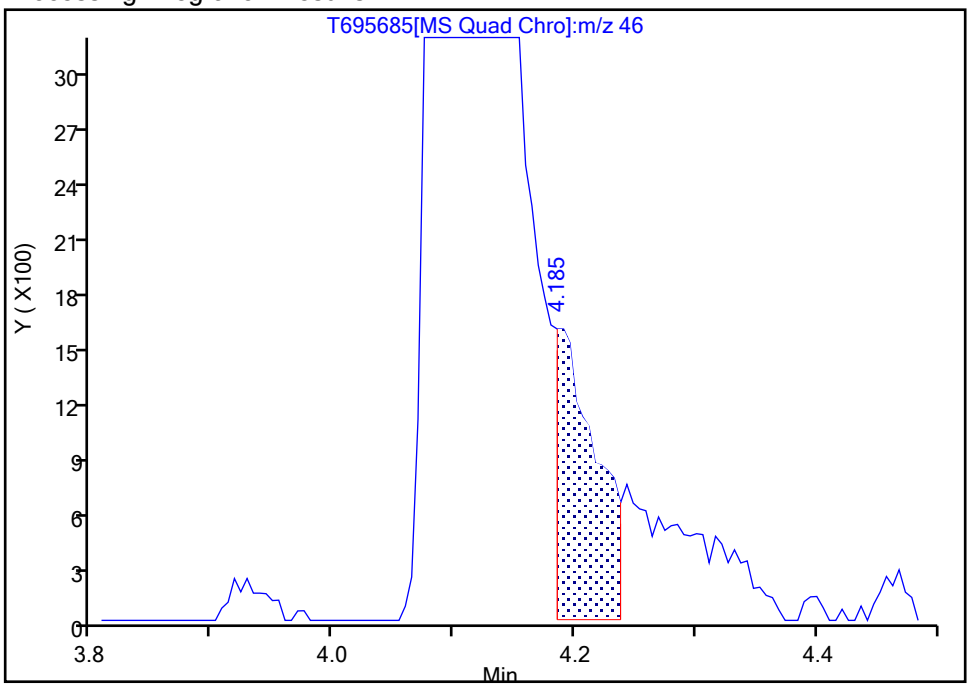
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695685.D
Injection Date: 16-Dec-2025 06:32:44 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

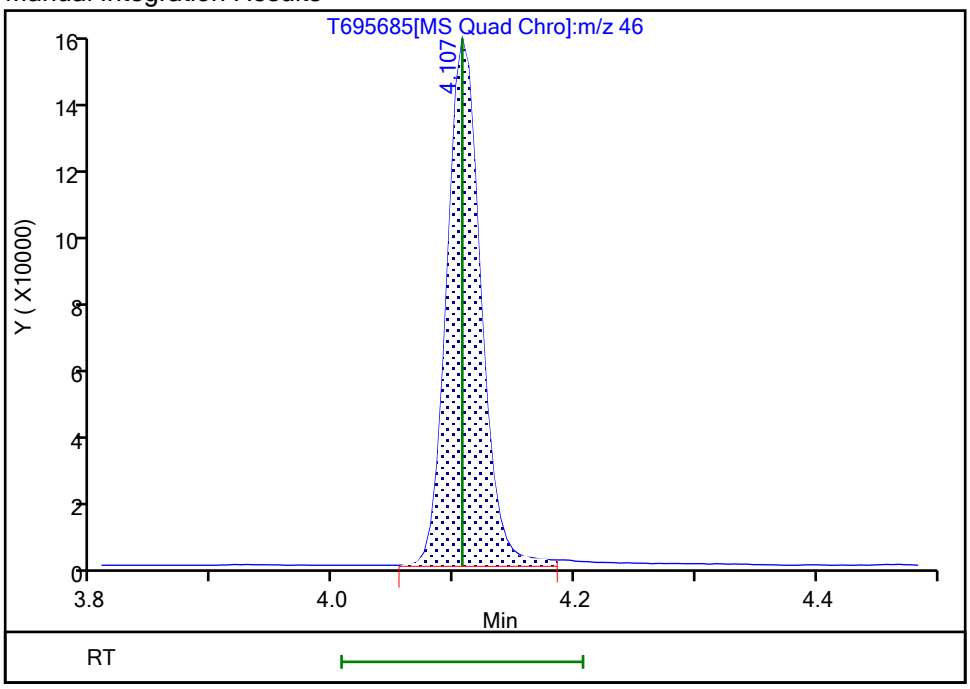
Processing Integration Results

RT: 4.19
Area: 3735
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.11
Area: 304245
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 16-Dec-2025 09:02:42 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

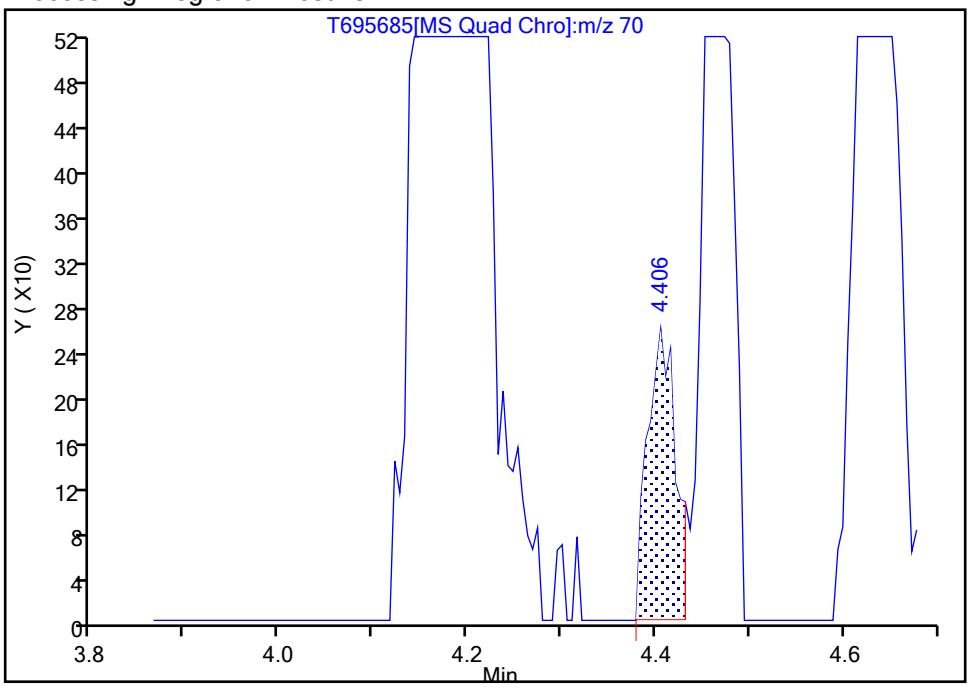
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695685.D
Injection Date: 16-Dec-2025 06:32:44 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

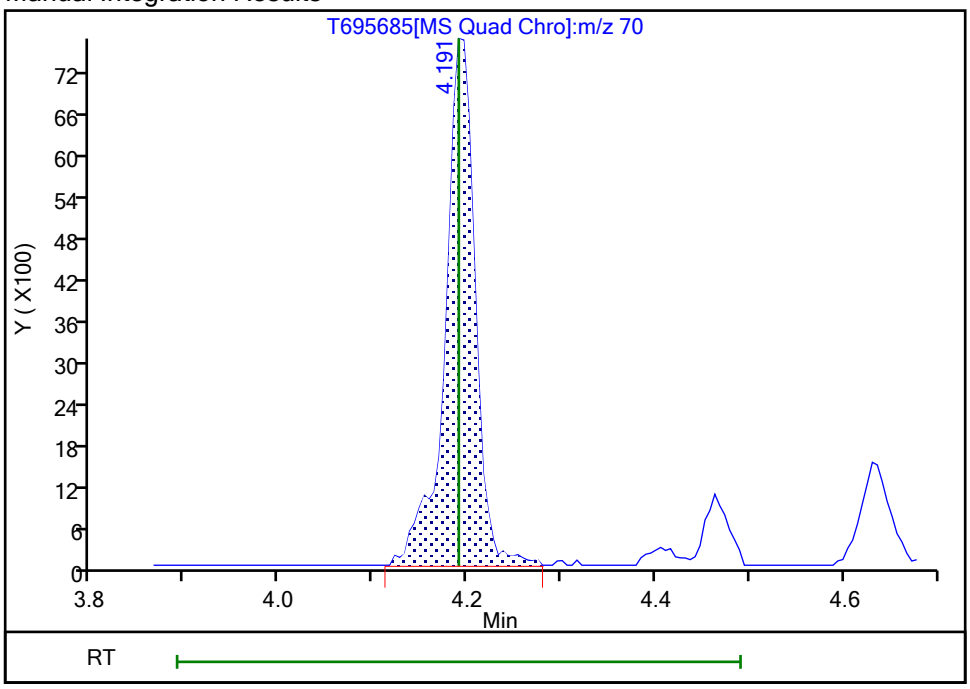
Processing Integration Results

RT: 4.41
Area: 537
Amount: 1.364722
Amount Units: ug/l



Manual Integration Results

RT: 4.19
Area: 16930
Amount: 43.025591
Amount Units: ug/l



Reviewer: FK2C, 16-Dec-2025 09:03:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 14-Nov-2025 17:40:46 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694798.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 10-Nov-2025 07:19:32 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0199009-001
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Nov-2025 17:40:45 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 10-Nov-2025 07:31:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

QC Flag Legend
Processing Flags

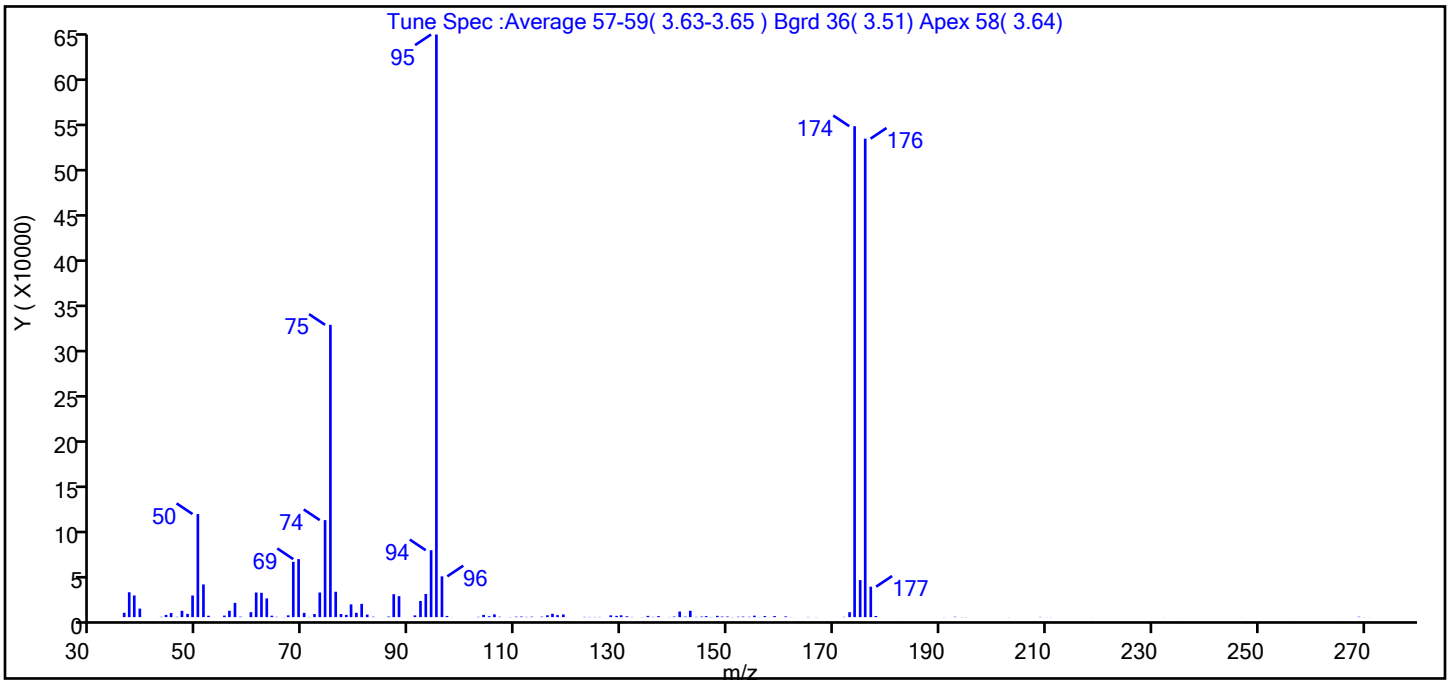
Reagents:
BFB_00040 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694798.D
Injection Date: 10-Nov-2025 07:19:32 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (118.7)
96	5 to 9% of m/z 95	7.0
173	<2% of m/z 174	0.8 (1.0)
174	50 to 200% of m/z 95	84.3
175	5 to 9% of m/z 174	6.4 (7.5)
176	95 to 105% of m/z 174	82.1 (97.5)
177	5 to 10% of m/z 176	5.2 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694798.D\8260W_15.rslt\spectra.d
Injection Date: 10-Nov-2025 07:19:32
Spectrum: Tune Spec :Average 57-59(3.63-3.65) Bgrd 36(3.51) Apex 58(3.64)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 146

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4793	78.00	2492	123.00	305	163.00	37
37.00	27480	79.00	14104	124.00	272	165.00	236
38.00	23968	80.00	4813	125.00	198	167.00	120
39.00	9443	81.00	14679	126.00	249	167.00	44
43.00	355	82.00	2854	128.00	1992	172.00	281
44.00	2500	83.00	486	129.00	1422	173.00	5437
45.00	4557	86.00	684	130.00	2073	174.00	542272
46.00	350	87.00	25344	131.00	975	175.00	40928
47.00	7007	88.00	23200	132.00	234	176.00	528512
48.00	3602	90.00	41	133.00	17	177.00	33632
49.00	23904	91.00	1959	134.00	161	178.00	1258
50.00	113872	92.00	17864	135.00	1419	180.00	27
51.00	36136	93.00	25536	136.00	292	182.00	37
52.00	1570	94.00	73896	137.00	1125	191.00	152
55.00	1707	95.00	643584	139.00	198	193.00	411
56.00	7086	96.00	45056	140.00	652	194.00	154
57.00	15743	97.00	1347	141.00	6198	195.00	109
58.00	528	98.00	70	142.00	579	196.00	33
59.00	15	99.00	33	143.00	7029	199.00	27
60.00	5485	103.00	337	144.00	328	203.00	126
61.00	27224	104.00	2512	145.00	625	209.00	278
62.00	26888	105.00	976	146.00	1116	210.00	102
63.00	20696	106.00	3047	147.00	198	211.00	116
64.00	1580	107.00	450	148.00	1433	216.00	28
65.00	336	108.00	43	149.00	615	219.00	77
66.00	136	109.00	176	150.00	680	222.00	26
67.00	1993	110.00	532	151.00	148	232.00	99
68.00	61096	111.00	665	152.00	466	235.00	39
69.00	64112	112.00	280	153.00	625	247.00	60
70.00	4692	113.00	501	154.00	406	257.00	36
71.00	227	115.00	543	155.00	1620	266.00	40
72.00	3428	116.00	2067	156.00	197	269.00	420
73.00	27224	117.00	3757	157.00	1164	270.00	88

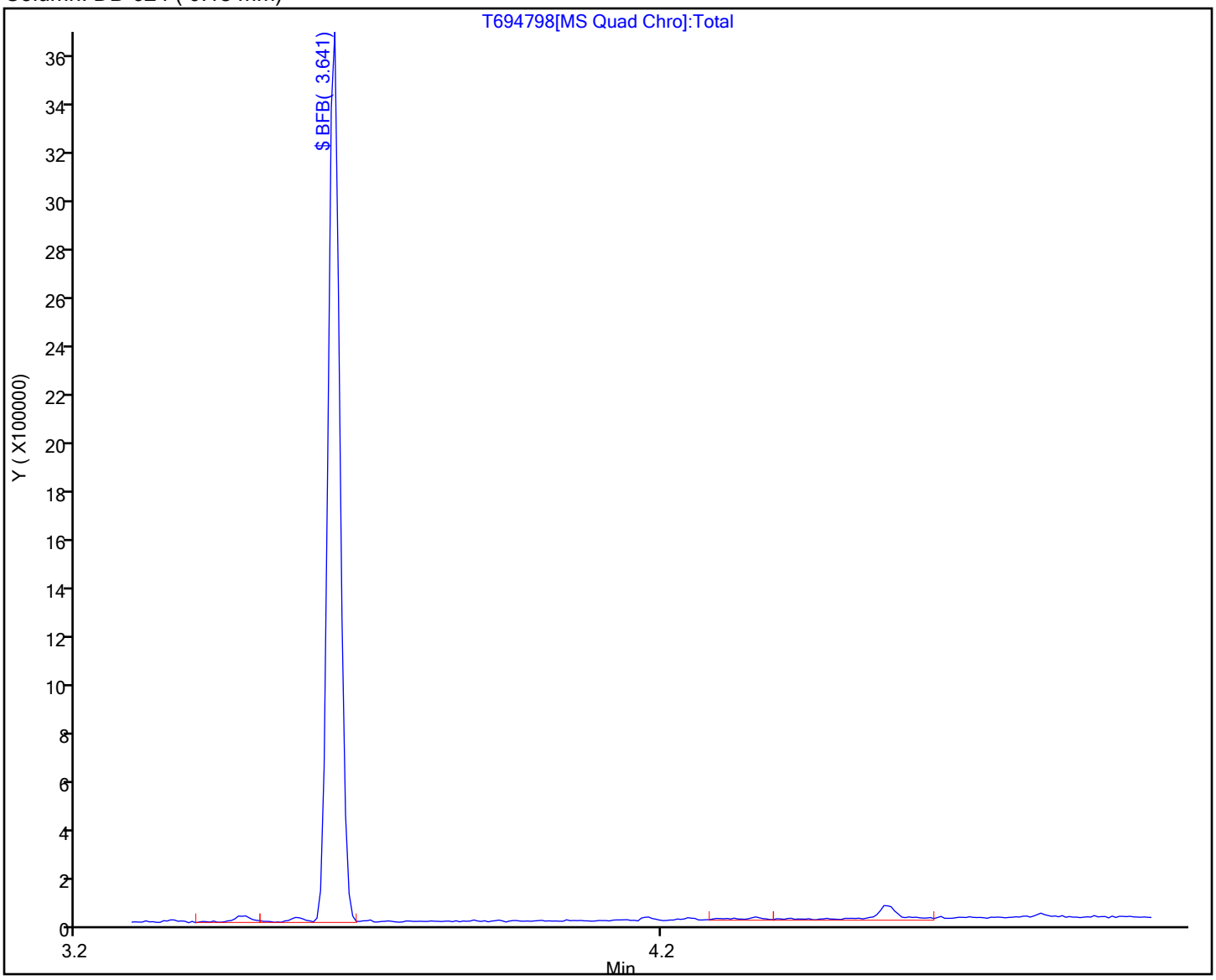
Report Date: 14-Nov-2025 17:40:46 Chrom Revision: 2.3 17-Oct-2025 18:32:50
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694798.D\8260W_15.rslt\spectra.d
Injection Date: 10-Nov-2025 07:19:32
Spectrum: Tune Spec :Average 57-59(3.63-3.65) Bgrd 36(3.51) Apex 58(3.64)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 146

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	107176	118.00	2243	158.00	78	271.00	102
75.00	322880	119.00	2994	159.00	1174	276.00	29
76.00	28048	120.00	43	161.00	837		
77.00	3425	121.00	31	162.00	133		

Report Date: 14-Nov-2025 17:40:46 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694798.D
Injection Date: 10-Nov-2025 07:19:32 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1080639/8

Matrix: Water | Lab File ID: T695690.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 08:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1080639/8

Matrix: Water | Lab File ID: T695690.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 08:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-1080639/8

Matrix: Water Lab File ID: T695690.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/16/2025 08:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 1080639 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

Report Date: 16-Dec-2025 10:57:55 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695690.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 16-Dec-2025 08:29:23 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0200558-008
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Dec-2025 10:57:18 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1605

First Level Reviewer: FK2C Date: 16-Dec-2025 09:11:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.959	2.958	0.001	94	43365	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.107	4.107	0.000	46	348018	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.636	0.000	96	210553	50.0	50.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	90	262628	50.0	55.3	
* 65 Fluorobenzene	96	5.350	5.349	0.001	99	823935	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.146	6.141	0.005	1	31905	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	767211	50.0	54.2	
* 94 Chlorobenzene-d5	117	9.418	9.418	0.000	86	593461	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.327	11.326	0.001	92	234846	50.0	47.1	
* 120 1,4-Dichlorobenzene-d4	152	12.774	12.774	0.000	95	304870	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00084 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 16-Dec-2025 10:57:55 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695690.D

Injection Date: 16-Dec-2025 08:29:23 Instrument ID: CVOAMS15

Lims ID: MB

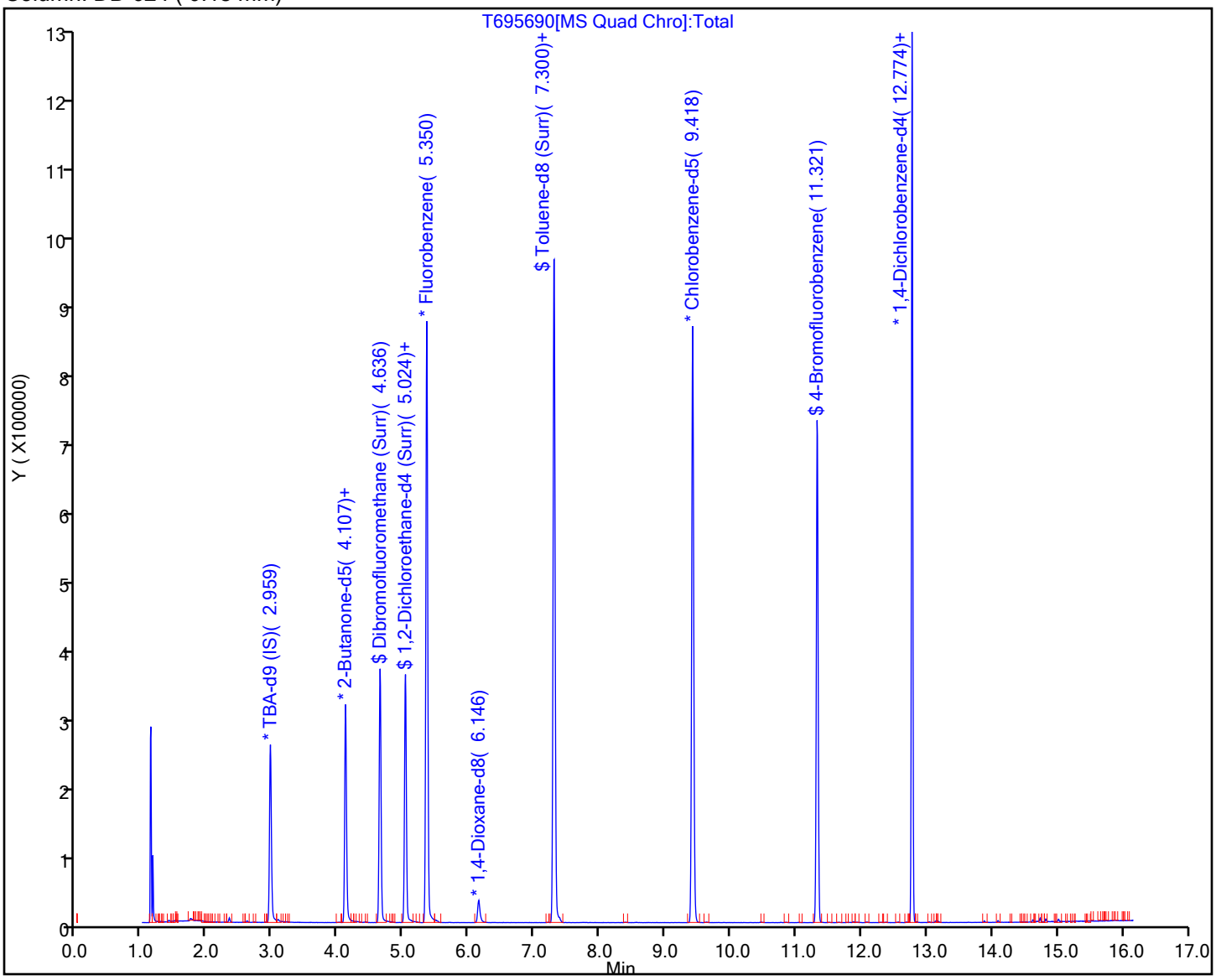
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695690.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 16-Dec-2025 08:29:23 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0200558-008
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Dec-2025 10:57:18 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1605

First Level Reviewer: FK2C Date: 16-Dec-2025 09:11:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	50.1	100.19
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.3	110.52
$ 83 Toluene-d8 (Surr)	50.0	54.2	108.42
$ 105 4-Bromofluorobenzene	50.0	47.1	94.12

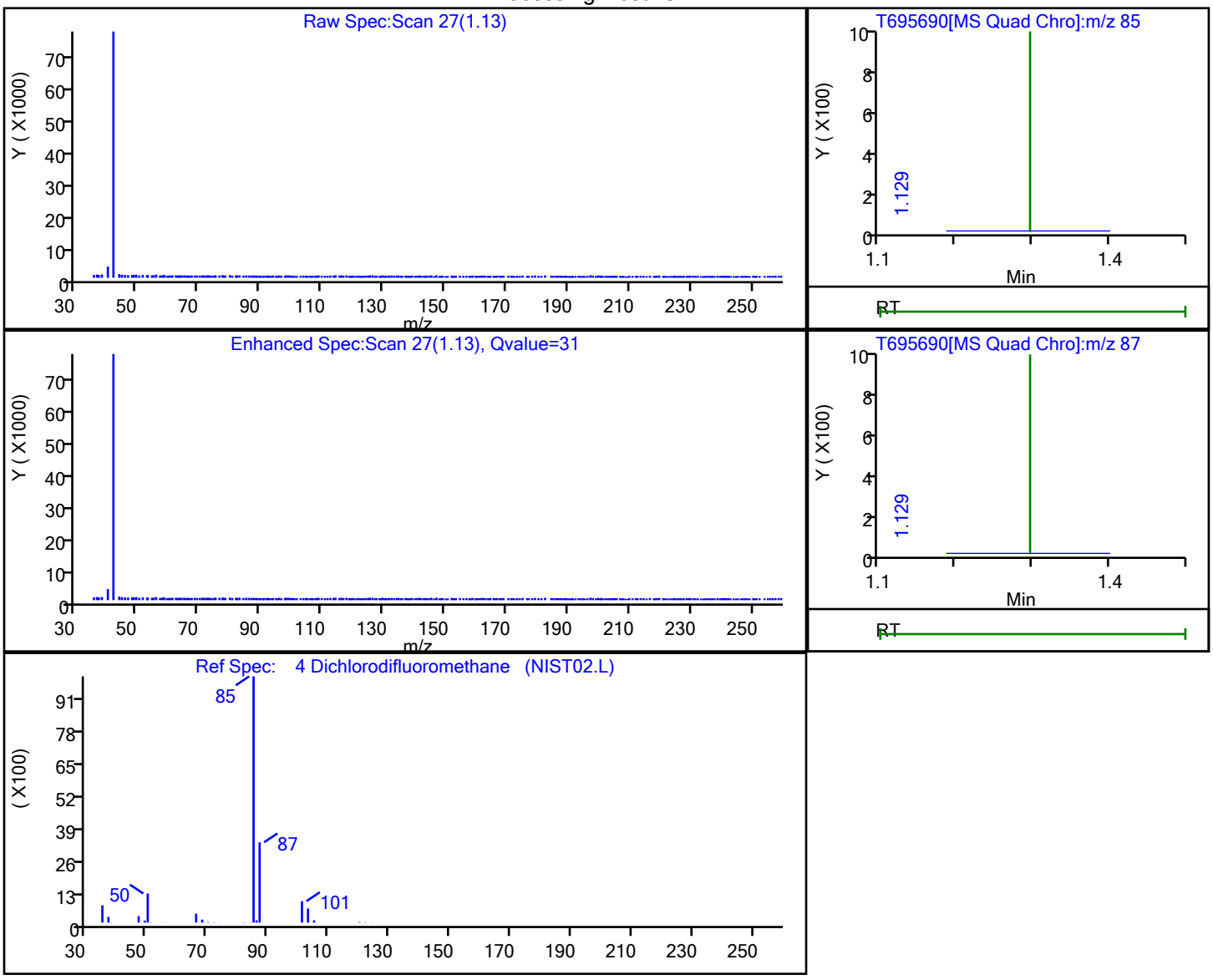
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695690.D
Injection Date: 16-Dec-2025 08:29:23 Instrument ID: CVOAMS15
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.13	85.00	850	0.668521
1.13	87.00	1080	

Reviewer: FK2C, 16-Dec-2025 09:11:22 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1080639/4

Matrix: Water | Lab File ID: T695686.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 06:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.8		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.8		1.0	0.31
79-00-5	1,1,2-Trichloroethane	22.6		0.58	0.19
75-34-3	1,1-Dichloroethane	21.7		1.0	0.26
75-35-4	1,1-Dichloroethene	21.9		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	21.9		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.4		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	22.6		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	22.7		1.0	0.38
95-50-1	1,2-Dichlorobenzene	22.3		1.0	0.21
107-06-2	1,2-Dichloroethane	21.7		0.30	0.087
78-87-5	1,2-Dichloropropane	20.9		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	22.9		1.0	0.33
541-73-1	1,3-Dichlorobenzene	22.0		1.0	0.34
106-46-7	1,4-Dichlorobenzene	22.0		1.0	0.33
78-93-3	2-Butanone (MEK)	119		5.0	3.9
591-78-6	2-Hexanone	105		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	111		5.0	1.3
67-64-1	Acetone	103		5.0	4.4
71-43-2	Benzene	22.7		0.45	0.070
75-25-2	Bromoform	21.7		1.0	0.54
74-83-9	Bromomethane	24.9		1.0	0.55
75-15-0	Carbon disulfide	20.5		1.0	0.82
56-23-5	Carbon tetrachloride	21.2		1.0	0.21
108-90-7	Chlorobenzene	22.9		1.0	0.38
74-97-5	Chlorobromomethane	22.8		1.0	0.41
124-48-1	Chlorodibromomethane	21.8		0.78	0.086
75-00-3	Chloroethane	20.2		1.0	0.32
67-66-3	Chloroform	22.3		1.0	0.33
74-87-3	Chloromethane	16.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.6		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1080639/4

Matrix: Water | Lab File ID: T695686.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 06:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	21.6		0.45	0.069
110-82-7	Cyclohexane	22.9		1.0	0.32
75-27-4	Dichlorobromomethane	21.1		0.98	0.15
75-71-8	Dichlorodifluoromethane	11.9		1.0	0.31
100-41-4	Ethylbenzene	22.7		1.0	0.30
106-93-4	Ethylene Dibromide	22.4		1.0	0.50
98-82-8	Isopropylbenzene	22.5		1.0	0.34
79-20-9	Methyl acetate	45.9		5.0	0.79
1634-04-4	Methyl tert-butyl ether	20.0		1.0	0.22
108-87-2	Methylcyclohexane	22.8		1.0	0.71
75-09-2	Methylene Chloride	21.8		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	22.1		1.0	0.30
104-51-8	n-Butylbenzene	23.1		1.0	0.32
103-65-1	N-Propylbenzene	23.0		1.0	0.32
95-47-6	o-Xylene	22.2		1.0	0.36
135-98-8	sec-Butylbenzene	23.0		1.0	0.37
100-42-5	Styrene	22.3		1.0	0.42
98-06-6	tert-Butylbenzene	22.5		1.0	0.34
127-18-4	Tetrachloroethene	21.0		0.40	0.28
108-88-3	Toluene	22.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.5		0.45	0.12
79-01-6	Trichloroethene	21.3		0.28	0.074
75-69-4	Trichlorofluoromethane	20.0		1.0	0.32
75-01-4	Vinyl chloride	19.9		1.0	0.40
1330-20-7	Xylenes, Total	44.2		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1080639/4

Matrix: Water | Lab File ID: T695686.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 06:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	107		80-120

Report Date: 16-Dec-2025 10:58:40 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695686.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 16-Dec-2025 06:56:02 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0200558-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Dec-2025 10:58:26 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1605

First Level Reviewer: FK2C Date: 16-Dec-2025 09:07:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.171	0.000	58	5624	20.0	27.4	
3 Chlorotrifluoroethene	116	1.270	1.270	0.000	75	24878	20.0	24.2	
2 1,1-Difluoroethane	65	1.275	1.275	0.000	95	46284	20.0	22.9	
4 Dichlorodifluoromethane	85	1.296	1.296	0.000	88	72243	20.0	11.9	
5 Chlorodifluoromethane	67	1.317	1.317	0.000	78	21132	20.0	21.9	
6 Chloromethane	50	1.454	1.454	0.000	88	64245	20.0	16.4	
7 Vinyl chloride	62	1.543	1.543	0.000	84	66129	20.0	19.9	
8 Butadiene	54	1.569	1.569	0.000	95	54445	20.0	19.9	
9 Bromomethane	94	1.815	1.821	-0.006	98	30385	20.0	24.9	
10 Chloroethane	64	1.905	1.905	0.000	97	49244	20.0	20.2	
11 Dichlorofluoromethane	67	2.072	2.072	0.000	91	217025	20.0	21.6	
12 Trichlorofluoromethane	101	2.088	2.088	0.000	100	164292	20.0	20.0	
13 Pentane	72	2.141	2.141	0.001	95	27110	40.0	40.3	
14 Ethanol	46	2.266	2.266	0.000	98	12733	800.0	1034.9	
15 Ethyl ether	59	2.329	2.329	0.000	93	78337	20.0	21.6	
17 2-Methyl-1,3-butadiene	53	2.350	2.350	0.000	88	79432	20.0	20.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.366	2.366	0.000	87	91332	20.0	21.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.418	2.418	0.000	89	139037	20.0	21.9	
19 Acrolein	56	2.481	2.481	0.000	95	23649	40.0	42.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.502	2.502	0.000	96	92299	20.0	22.8	
20 1,1-Dichloroethene	96	2.529	2.529	0.001	90	95229	20.0	21.9	
22 Acetone	43	2.602	2.602	0.000	87	110608	100.0	102.8	
23 Iodomethane	142	2.675	2.675	0.000	99	99506	20.0	18.6	
25 Isopropyl alcohol	45	2.691	2.691	0.000	96	39426	200.0	229.8	
24 Carbon disulfide	76	2.712	2.717	-0.005	99	272499	20.0	20.5	
27 3-Chloro-1-propene	76	2.848	2.848	0.000	89	57608	20.0	21.4	
28 Methyl acetate	43	2.859	2.859	0.000	97	115748	40.0	45.9	
29 Cyclopentene	67	2.880	2.885	-0.005	88	250655	20.0	22.8	
26 Acetonitrile	41	2.885	2.885	0.000	64	131920	200.0	238.0	
* 31 TBA-d9 (IS)	66	2.958	2.958	0.000	98	46923	1000.0	1000.0	
30 Methylene Chloride	84	2.974	2.974	0.000	83	113736	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.032	3.032	0.000	97	60442	200.0	204.8	
35 Methyl tert-butyl ether	73	3.158	3.158	0.000	97	252991	20.0	20.0	
34 trans-1,2-Dichloroethene	96	3.179	3.179	0.000	86	109800	20.0	21.9	
33 Acrylonitrile	53	3.226	3.226	0.000	94	292426	200.0	232.8	
36 Hexane	57	3.373	3.373	0.000	92	104483	20.0	19.4	
40 Isopropyl ether	45	3.588	3.588	0.000	94	282010	20.0	20.5	
37 1,1-Dichloroethane	63	3.593	3.593	0.000	84	187636	20.0	21.7	
38 Vinyl acetate	86	3.619	3.619	0.000	99	30342	40.0	41.3	
39 2-Chloro-1,3-butadiene	88	3.651	3.656	-0.005	89	92546	20.0	22.3	
41 Tert-butyl ethyl ether	59	3.928	3.928	0.000	90	263284	20.0	19.1	
* 42 2-Butanone-d5	46	4.107	4.107	0.000	81	343692	250.0	250.0	a
44 2,2-Dichloropropane	97	4.133	4.138	-0.005	92	37334	20.0	20.7	
43 cis-1,2-Dichloroethene	96	4.154	4.159	-0.005	91	119455	20.0	21.6	
45 2-Butanone (MEK)	72	4.170	4.170	0.000	100	46728	100.0	119.1	
47 Ethyl acetate	70	4.196	4.191	0.005	99	18548	40.0	41.7	a
48 Methyl acrylate	55	4.243	4.248	-0.005	99	68006	20.0	20.5	
46 Propionitrile	54	4.285	4.285	0.000	98	111839	200.0	233.2	
49 Chlorobromomethane	128	4.400	4.400	0.000	64	57475	20.0	22.8	
51 Tetrahydrofuran	72	4.406	4.406	0.000	30	18707	40.0	50.2	
50 Methacrylonitrile	67	4.416	4.416	0.000	91	351685	200.0	241.3	
52 Chloroform	83	4.463	4.468	-0.005	94	206598	20.0	22.3	
54 1,1,1-Trichloroethane	97	4.636	4.636	0.000	79	180109	20.0	21.4	
55 Cyclohexane	84	4.636	4.636	0.000	72	142751	20.0	22.9	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.636	0.000	96	221087	50.0	50.9	
56 Carbon tetrachloride	117	4.778	4.778	0.000	90	155956	20.0	21.2	
57 1,1-Dichloropropene	75	4.809	4.809	0.000	96	149721	20.0	21.6	
59 Isobutyl alcohol	43	4.935	4.935	0.000	99	58949	500.0	540.8	
60 Benzene	78	5.024	5.019	0.005	94	421738	20.0	22.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	72	266415	50.0	54.3	
62 Isooctane	57	5.030	5.029	0.001	62	195580	20.0	20.7	
63 Isopropyl acetate	61	5.108	5.108	0.000	92	43384	20.0	21.1	
61 1,2-Dichloroethane	62	5.108	5.108	0.000	89	150088	20.0	21.7	
64 Tert-amyl methyl ether	73	5.119	5.119	0.000	89	239522	20.0	20.0	
66 n-Heptane	43	5.250	5.250	0.000	90	81974	20.0	17.9	
* 65 Fluorobenzene	96	5.349	5.349	0.000	98	851132	50.0	50.0	
68 n-Butanol	56	5.701	5.701	0.000	88	36896	500.0	534.8	
67 Trichloroethene	95	5.764	5.758	0.006	95	118132	20.0	21.3	
69 Ethyl acrylate	55	5.916	5.916	0.000	95	197415	20.0	20.8	
70 Methylcyclohexane	83	5.926	5.926	0.000	90	152788	20.0	22.8	
71 1,2-Dichloropropane	63	6.073	6.073	0.000	88	103867	20.0	20.9	
* 73 1,4-Dioxane-d8	96	6.146	6.141	0.005	1	39388	1000.0	1000.0	
75 Methyl methacrylate	100	6.199	6.199	0.000	85	42668	40.0	42.2	
74 1,4-Dioxane	88	6.209	6.209	0.000	41	19139	400.0	525.3	
72 Dibromomethane	93	6.214	6.214	0.000	95	66009	20.0	22.4	
76 n-Propyl acetate	43	6.267	6.267	0.000	97	91591	20.0	19.6	
77 Dichlorobromomethane	83	6.403	6.403	0.000	95	134819	20.0	21.1	
78 2-Nitropropane	41	6.775	6.775	0.000	97	26550	40.0	30.6	
80 Epichlorohydrin	57	6.912	6.912	0.000	97	43805	400.0	192.6	
81 cis-1,3-Dichloropropene	75	6.996	6.996	0.000	87	169263	20.0	21.6	
82 4-Methyl-2-pentanone (MIBK)	43	7.200	7.200	0.000	95	310119	100.0	111.1	
$ 83 Toluene-d8 (Surr)	98	7.295	7.300	-0.005	99	809277	50.0	53.7	
84 Toluene	91	7.389	7.389	0.000	93	457480	20.0	22.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.793	7.793	0.000	94	138671	20.0	20.5	
86 Ethyl methacrylate	69	7.871	7.871	0.000	87	98908	20.0	20.0	
87 1,1,2-Trichloroethane	83	8.039	8.039	0.000	92	74192	20.0	22.6	
88 Tetrachloroethene	166	8.123	8.123	0.000	92	127186	20.0	21.0	
89 1,3-Dichloropropane	76	8.291	8.285	0.006	91	152459	20.0	22.5	
90 2-Hexanone	43	8.390	8.390	0.000	95	211998	100.0	105.2	
91 Chlorodibromomethane	129	8.563	8.563	0.000	92	96367	20.0	21.8	
93 n-Butyl acetate	43	8.563	8.563	0.000	98	95569	20.0	19.4	
92 Ethylene Dibromide	107	8.736	8.736	0.000	97	88244	20.0	22.4	
* 94 Chlorobenzene-d5	117	9.418	9.418	0.000	86	631399	50.0	50.0	
95 Chlorobenzene	112	9.460	9.460	0.000	94	304523	20.0	22.9	
96 1,1,1,2-Tetrachloroethane	131	9.612	9.612	0.000	39	106106	20.0	22.5	
97 Ethylbenzene	106	9.612	9.612	0.000	98	163325	20.0	22.7	
98 m-Xylene & p-Xylene	106	9.811	9.806	0.005	92	197033	20.0	22.1	
99 o-Xylene	106	10.440	10.435	0.005	94	188849	20.0	22.2	
101 n-Butyl acrylate	73	10.461	10.461	0.000	97	56664	20.0	20.9	
100 Styrene	104	10.482	10.482	0.000	94	299131	20.0	22.3	
102 Bromoform	173	10.776	10.776	0.000	98	54907	20.0	21.7	
103 Amyl acetate (mixed isomers)	43	10.849	10.849	0.000	93	104361	20.0	17.6	
104 Isopropylbenzene	105	11.038	11.038	0.000	96	449233	20.0	22.5	
$ 105 4-Bromofluorobenzene	174	11.326	11.326	0.000	92	262266	50.0	49.4	
106 Bromobenzene	156	11.510	11.510	0.000	94	127079	20.0	21.4	
107 1,1,2,2-Tetrachloroethane	83	11.594	11.599	-0.005	93	93886	20.0	22.8	
108 1,2,3-Trichloropropane	110	11.646	11.646	0.000	61	32158	20.0	23.1	
110 N-Propylbenzene	91	11.657	11.662	-0.005	98	571354	20.0	23.0	
109 trans-1,4-Dichloro-2-butene	53	11.694	11.693	0.001	87	24200	20.0	18.1	
111 2-Chlorotoluene	91	11.783	11.783	0.000	96	356405	20.0	22.1	
112 4-Ethyltoluene	105	11.825	11.825	0.000	98	478664	20.0	22.8	
114 1,3,5-Trimethylbenzene	105	11.919	11.919	0.000	90	392929	20.0	22.9	
113 4-Chlorotoluene	91	11.940	11.940	0.000	98	405536	20.0	22.9	
115 Butyl Methacrylate	87	12.087	12.087	0.000	88	97555	20.0	19.6	
116 tert-Butylbenzene	119	12.302	12.296	0.006	91	339639	20.0	22.5	
117 1,2,4-Trimethylbenzene	105	12.375	12.375	0.000	98	397232	20.0	22.6	
118 sec-Butylbenzene	105	12.559	12.559	0.000	98	471603	20.0	23.0	
119 1,3-Dichlorobenzene	146	12.690	12.690	0.000	95	222941	20.0	22.0	
122 4-Isopropyltoluene	119	12.732	12.732	0.000	90	405348	20.0	22.9	
* 120 1,4-Dichlorobenzene-d4	152	12.774	12.774	0.000	96	339831	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.800	12.800	0.000	94	222725	20.0	22.0	
123 1,2,3-Trimethylbenzene	105	12.842	12.842	0.000	98	396159	20.0	22.9	
124 Benzyl chloride	91	12.957	12.957	0.000	99	130148	20.0	18.4	
125 2,3-Dihydroindene	117	13.041	13.041	0.000	89	346049	20.0	22.9	
127 p-Diethylbenzene	119	13.135	13.135	0.000	92	235026	20.0	23.1	
128 n-Butylbenzene	92	13.156	13.156	0.000	98	193773	20.0	23.1	
126 1,2-Dichlorobenzene	146	13.183	13.183	0.001	95	196149	20.0	22.3	
130 1,2,4,5-Tetramethylbenzene	119	13.880	13.880	0.000	96	319528	20.0	21.8	
129 1,2-Dibromo-3-Chloropropane	157	13.943	13.943	0.000	93	16660	20.0	22.7	
131 1,3,5-Trichlorobenzene	180	14.090	14.090	0.000	96	133235	20.0	21.2	
132 1,2,4-Trichlorobenzene	180	14.624	14.624	0.000	94	99693	20.0	20.4	
133 Hexachlorobutadiene	225	14.735	14.734	0.000	79	56656	20.0	20.8	
134 Naphthalene	128	14.824	14.818	0.006	99	206416	20.0	21.7	
135 1,2,3-Trichlorobenzene	180	15.018	15.012	0.006	95	81101	20.0	21.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	44.2	
S 140 Total BTEX	1				0		100.0	112.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00216	Amount Added:	20.00	Units: uL	
GASES Li_00674	Amount Added:	20.00	Units: uL	
524FREONS_00047	Amount Added:	20.00	Units: uL	
ACROLEIN W_00192	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00084	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 16-Dec-2025 10:58:41 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695686.D

Injection Date: 16-Dec-2025 06:56:02 Instrument ID: CVOAMS15

Lims ID: LCS

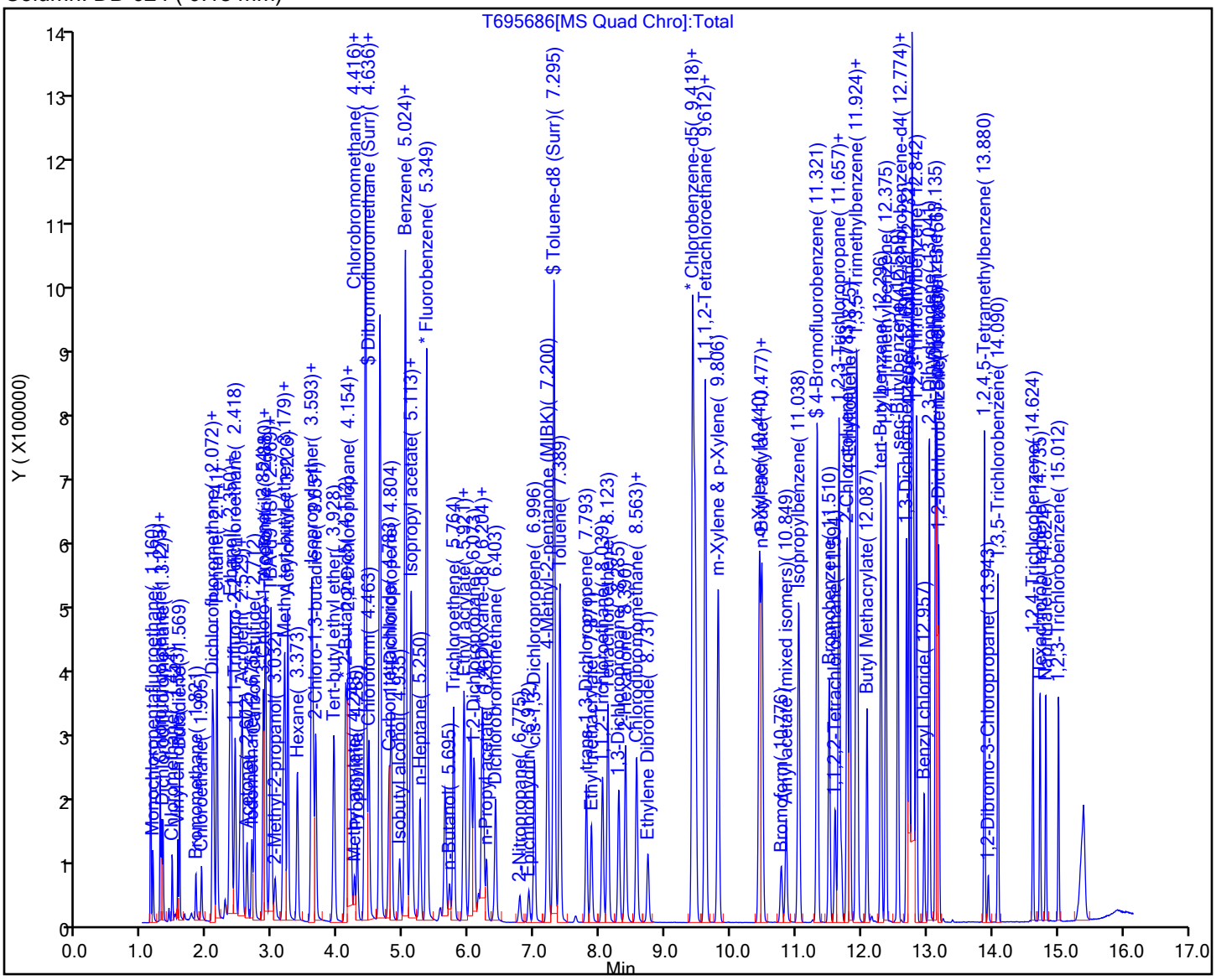
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 16-Dec-2025 10:58:40 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695686.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 16-Dec-2025 06:56:02 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0200558-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Dec-2025 10:58:26 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1605

First Level Reviewer: FK2C Date: 16-Dec-2025 09:07:04

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	50.9	101.85
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	54.3	108.54
$ 83 Toluene-d8 (Surr)	50.0	53.7	107.49
$ 105 4-Bromofluorobenzene	50.0	49.4	98.79

Manual Integration/User Assign Peak Report

Eurofins Edison

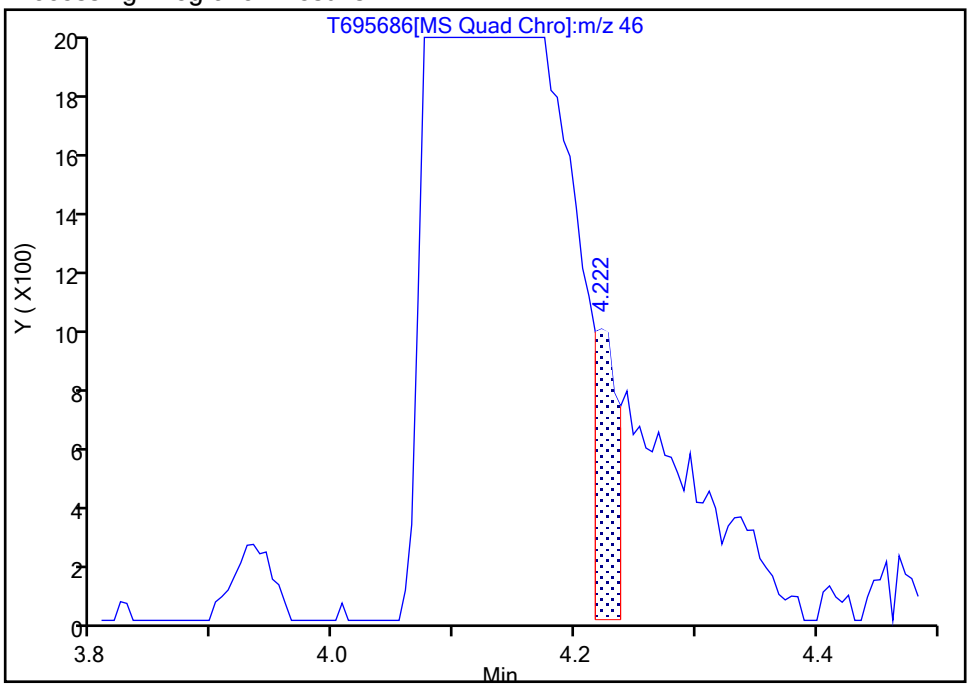
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695686.D
Injection Date: 16-Dec-2025 06:56:02 Instrument ID: CVOAMS15
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

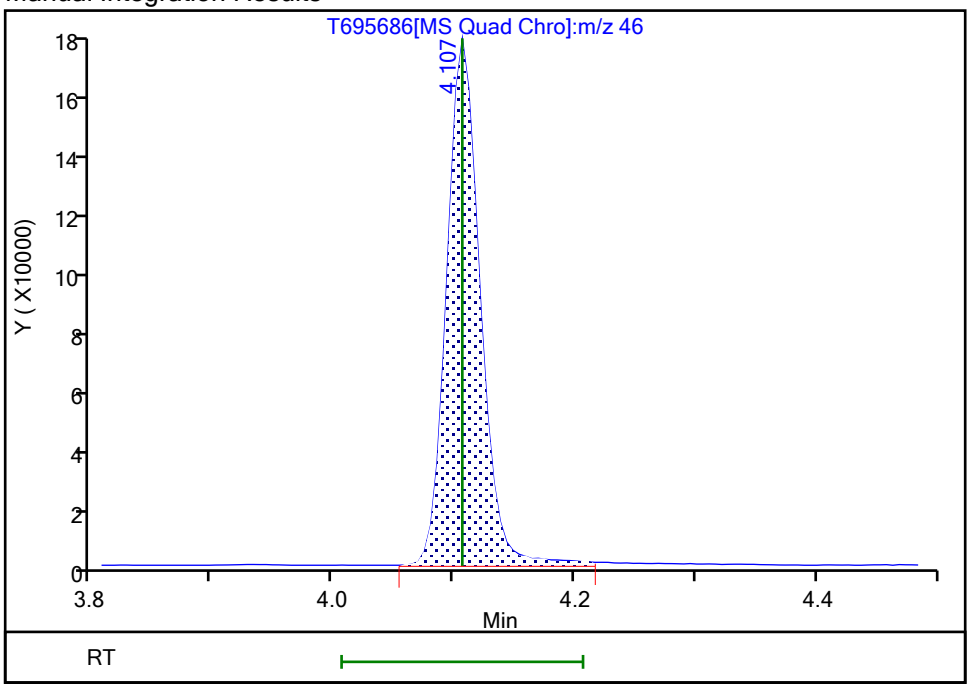
Processing Integration Results

RT: 4.22
Area: 1409
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.11
Area: 343692
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 16-Dec-2025 09:06:22 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1080639/5

Matrix: Water | Lab File ID: T695687.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 07:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.0		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.2		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.6		1.0	0.31
79-00-5	1,1,2-Trichloroethane	22.1		0.58	0.19
75-34-3	1,1-Dichloroethane	21.7		1.0	0.26
75-35-4	1,1-Dichloroethene	21.8		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	21.5		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.7		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	23.1		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	21.2		1.0	0.38
95-50-1	1,2-Dichlorobenzene	22.4		1.0	0.21
107-06-2	1,2-Dichloroethane	21.3		0.30	0.087
78-87-5	1,2-Dichloropropane	20.8		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	23.4		1.0	0.33
541-73-1	1,3-Dichlorobenzene	22.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	22.1		1.0	0.33
78-93-3	2-Butanone (MEK)	116		5.0	3.9
591-78-6	2-Hexanone	104		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	112		5.0	1.3
67-64-1	Acetone	99.4		5.0	4.4
71-43-2	Benzene	22.9		0.45	0.070
75-25-2	Bromoform	21.0		1.0	0.54
74-83-9	Bromomethane	27.0		1.0	0.55
75-15-0	Carbon disulfide	20.4		1.0	0.82
56-23-5	Carbon tetrachloride	21.0		1.0	0.21
108-90-7	Chlorobenzene	23.1		1.0	0.38
74-97-5	Chlorobromomethane	22.2		1.0	0.41
124-48-1	Chlorodibromomethane	21.5		0.78	0.086
75-00-3	Chloroethane	20.8		1.0	0.32
67-66-3	Chloroform	21.8		1.0	0.33
74-87-3	Chloromethane	16.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.4		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1080639/5

Matrix: Water | Lab File ID: T695687.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 07:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	22.0		0.45	0.069
110-82-7	Cyclohexane	22.2		1.0	0.32
75-27-4	Dichlorobromomethane	21.0		0.98	0.15
75-71-8	Dichlorodifluoromethane	11.3		1.0	0.31
100-41-4	Ethylbenzene	22.8		1.0	0.30
106-93-4	Ethylene Dibromide	22.1		1.0	0.50
98-82-8	Isopropylbenzene	22.6		1.0	0.34
79-20-9	Methyl acetate	43.4		5.0	0.79
1634-04-4	Methyl tert-butyl ether	20.2		1.0	0.22
108-87-2	Methylcyclohexane	21.6		1.0	0.71
75-09-2	Methylene Chloride	21.4		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	22.2		1.0	0.30
104-51-8	n-Butylbenzene	23.6		1.0	0.32
103-65-1	N-Propylbenzene	23.4		1.0	0.32
95-47-6	o-Xylene	22.2		1.0	0.36
135-98-8	sec-Butylbenzene	23.4		1.0	0.37
100-42-5	Styrene	22.2		1.0	0.42
98-06-6	tert-Butylbenzene	23.2		1.0	0.34
127-18-4	Tetrachloroethene	21.1		0.40	0.28
108-88-3	Toluene	22.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.7		0.45	0.12
79-01-6	Trichloroethene	21.2		0.28	0.074
75-69-4	Trichlorofluoromethane	19.5		1.0	0.32
75-01-4	Vinyl chloride	19.4		1.0	0.40
1330-20-7	Xylenes, Total	44.3		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1080639/5

Matrix: Water | Lab File ID: T695687.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 07:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

Report Date: 16-Dec-2025 10:58:50 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695687.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 16-Dec-2025 07:19:23 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0200558-005
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Dec-2025 10:58:26 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1605

First Level Reviewer: FK2C Date: 16-Dec-2025 09:09:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.171	0.000	52	5492	20.0	25.5	
3 Chlorotrifluoroethene	116	1.270	1.270	0.000	75	26140	20.0	24.0	
2 1,1-Difluoroethane	65	1.276	1.275	0.001	94	49462	20.0	23.1	
4 Dichlorodifluoromethane	85	1.297	1.296	0.001	88	72811	20.0	11.3	
5 Chlorodifluoromethane	67	1.318	1.317	0.001	78	21969	20.0	21.5	
6 Chloromethane	50	1.454	1.454	0.000	88	67289	20.0	16.2	
7 Vinyl chloride	62	1.543	1.543	0.000	83	68593	20.0	19.4	
8 Butadiene	54	1.569	1.569	0.000	96	56037	20.0	19.3	
9 Bromomethane	94	1.821	1.821	0.000	98	34964	20.0	27.0	
10 Chloroethane	64	1.905	1.905	0.000	97	53844	20.0	20.8	
11 Dichlorofluoromethane	67	2.073	2.072	0.001	91	230124	20.0	21.6	
12 Trichlorofluoromethane	101	2.094	2.088	0.006	87	169527	20.0	19.5	
13 Pentane	72	2.141	2.141	0.001	96	27176	40.0	38.2	
14 Ethanol	46	2.267	2.266	0.001	98	11299	800.0	909.5	
15 Ethyl ether	59	2.330	2.329	0.001	93	82000	20.0	21.3	
17 2-Methyl-1,3-butadiene	53	2.350	2.350	0.000	89	83760	20.0	20.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.366	2.366	0.000	87	94337	20.0	21.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.419	2.418	0.001	89	144955	20.0	21.6	
19 Acrolein	56	2.482	2.481	0.001	96	23705	40.0	42.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.503	2.502	0.001	96	92692	20.0	21.6	
20 1,1-Dichloroethene	96	2.529	2.529	0.001	89	100420	20.0	21.8	
22 Acetone	43	2.602	2.602	0.000	87	110290	100.0	99.4	
23 Iodomethane	142	2.676	2.675	0.001	98	113746	20.0	20.0	
25 Isopropyl alcohol	45	2.691	2.691	0.000	92	36305	200.0	209.6	
24 Carbon disulfide	76	2.718	2.717	0.001	99	287281	20.0	20.4	
27 3-Chloro-1-propene	76	2.849	2.848	0.001	90	62175	20.0	21.7	
28 Methyl acetate	43	2.859	2.859	0.000	97	116032	40.0	43.4	
29 Cyclopentene	67	2.885	2.885	0.000	88	262791	20.0	22.5	
26 Acetonitrile	41	2.885	2.885	0.000	61	132166	200.0	231.3	
* 31 TBA-d9 (IS)	66	2.959	2.958	0.001	97	47379	1000.0	1000.0	
30 Methylene Chloride	84	2.974	2.974	0.000	83	118315	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.032	3.032	0.000	97	59891	200.0	201.0	
35 Methyl tert-butyl ether	73	3.158	3.158	0.000	97	269944	20.0	20.2	
34 trans-1,2-Dichloroethene	96	3.184	3.179	0.005	85	115480	20.0	21.7	
33 Acrylonitrile	53	3.226	3.226	0.000	94	293236	200.0	220.3	
36 Hexane	57	3.373	3.373	0.000	92	107614	20.0	18.8	
40 Isopropyl ether	45	3.588	3.588	0.000	93	299695	20.0	20.5	
37 1,1-Dichloroethane	63	3.593	3.593	0.000	88	198552	20.0	21.7	
38 Vinyl acetate	86	3.619	3.619	0.000	99	28734	40.0	37.9	
39 2-Chloro-1,3-butadiene	88	3.656	3.656	0.000	88	98657	20.0	22.4	
41 Tert-butyl ethyl ether	59	3.929	3.928	0.001	90	287063	20.0	19.6	
* 42 2-Butanone-d5	46	4.107	4.107	0.000	81	354280	250.0	250.0	a
44 2,2-Dichloropropane	97	4.138	4.138	0.000	89	38708	20.0	20.3	
43 cis-1,2-Dichloroethene	96	4.159	4.159	0.000	92	125766	20.0	21.4	
45 2-Butanone (MEK)	72	4.170	4.170	0.000	100	46771	100.0	115.7	
47 Ethyl acetate	70	4.196	4.191	0.005	99	19319	40.0	42.2	a
48 Methyl acrylate	55	4.243	4.248	-0.005	99	70823	20.0	20.2	
46 Propionitrile	54	4.285	4.285	0.000	97	111314	200.0	219.0	
49 Chlorobromomethane	128	4.401	4.400	0.001	66	59322	20.0	22.2	
51 Tetrahydrofuran	72	4.406	4.406	0.000	29	19009	40.0	49.4	
50 Methacrylonitrile	67	4.416	4.416	0.000	91	358589	200.0	232.2	
52 Chloroform	83	4.469	4.468	0.001	94	214452	20.0	21.8	
54 1,1,1-Trichloroethane	97	4.636	4.636	0.000	75	187110	20.0	21.0	
55 Cyclohexane	84	4.636	4.636	0.000	72	146678	20.0	22.2	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.636	0.000	96	231053	50.0	50.2	
56 Carbon tetrachloride	117	4.778	4.778	0.000	90	163574	20.0	21.0	
57 1,1-Dichloropropene	75	4.810	4.809	0.001	97	157504	20.0	21.4	
59 Isobutyl alcohol	43	4.935	4.935	0.000	99	58028	500.0	527.3	
60 Benzene	78	5.024	5.019	0.005	94	442667	20.0	22.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	72	277004	50.0	53.2	
62 Isooctane	57	5.030	5.029	0.001	60	197915	20.0	19.8	
63 Isopropyl acetate	61	5.103	5.108	-0.005	93	45072	20.0	20.7	
61 1,2-Dichloroethane	62	5.108	5.108	0.000	89	156143	20.0	21.3	
64 Tert-amyl methyl ether	73	5.119	5.119	0.000	89	256210	20.0	20.1	
66 n-Heptane	43	5.250	5.250	0.000	89	86758	20.0	17.9	
* 65 Fluorobenzene	96	5.350	5.349	0.001	98	901929	50.0	50.0	
68 n-Butanol	56	5.701	5.701	0.000	90	35919	500.0	515.6	
67 Trichloroethene	95	5.764	5.758	0.006	94	124656	20.0	21.2	
69 Ethyl acrylate	55	5.916	5.916	0.000	95	203838	20.0	20.2	
70 Methylcyclohexane	83	5.926	5.926	0.000	88	153699	20.0	21.6	
71 1,2-Dichloropropane	63	6.078	6.073	0.005	90	109466	20.0	20.8	
* 73 1,4-Dioxane-d8	96	6.147	6.141	0.005	1	35979	1000.0	1000.0	a
75 Methyl methacrylate	100	6.194	6.199	-0.005	86	42793	40.0	39.9	
74 1,4-Dioxane	88	6.204	6.209	-0.005	35	17276	400.0	519.1	
72 Dibromomethane	93	6.215	6.214	0.001	95	67884	20.0	21.8	
76 n-Propyl acetate	43	6.267	6.267	0.000	97	95255	20.0	19.2	
77 Dichlorobromomethane	83	6.403	6.403	0.000	95	141987	20.0	21.0	
78 2-Nitropropane	41	6.776	6.775	0.001	99	28062	40.0	31.4	
80 Epichlorohydrin	57	6.912	6.912	0.000	98	76162	400.0	324.8	
81 cis-1,3-Dichloropropene	75	6.996	6.996	0.000	87	179445	20.0	22.0	
82 4-Methyl-2-pentanone (MIBK)	43	7.200	7.200	0.000	96	321287	100.0	111.7	
$ 83 Toluene-d8 (Surr)	98	7.300	7.300	0.000	99	849083	50.0	54.1	
84 Toluene	91	7.389	7.389	0.000	93	482556	20.0	22.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.793	7.793	0.000	96	146241	20.0	20.7	
86 Ethyl methacrylate	69	7.866	7.871	-0.005	87	102958	20.0	20.0	
87 1,1,2-Trichloroethane	83	8.039	8.039	0.000	91	75862	20.0	22.1	
88 Tetrachloroethene	166	8.123	8.123	0.000	92	132567	20.0	21.1	
89 1,3-Dichloropropane	76	8.286	8.285	0.001	90	158776	20.0	22.5	
90 2-Hexanone	43	8.391	8.390	0.001	95	216009	100.0	104.0	
91 Chlorodibromomethane	129	8.558	8.563	-0.005	96	99024	20.0	21.5	
93 n-Butyl acetate	43	8.564	8.563	0.001	98	100219	20.0	19.5	
92 Ethylene Dibromide	107	8.737	8.736	0.001	98	90639	20.0	22.1	
* 94 Chlorobenzene-d5	117	9.418	9.418	0.000	84	657767	50.0	50.0	
95 Chlorobenzene	112	9.460	9.460	0.000	93	318685	20.0	23.1	
96 1,1,1,2-Tetrachloroethane	131	9.612	9.612	0.000	39	109541	20.0	22.3	
97 Ethylbenzene	106	9.612	9.612	0.000	98	170850	20.0	22.8	
98 m-Xylene & p-Xylene	106	9.806	9.806	0.000	92	206170	20.0	22.2	
99 o-Xylene	106	10.441	10.435	0.006	94	196628	20.0	22.2	
101 n-Butyl acrylate	73	10.462	10.461	0.001	97	57490	20.0	20.4	
100 Styrene	104	10.483	10.482	0.001	94	310881	20.0	22.2	
102 Bromoform	173	10.771	10.776	-0.005	97	55481	20.0	21.0	
103 Amyl acetate (mixed isomers)	43	10.850	10.849	0.001	92	108554	20.0	17.8	
104 Isopropylbenzene	105	11.038	11.038	0.000	96	470475	20.0	22.6	
$ 105 4-Bromofluorobenzene	174	11.321	11.326	-0.005	90	272350	50.0	49.2	
106 Bromobenzene	156	11.505	11.510	-0.005	95	132764	20.0	21.8	
107 1,1,2,2-Tetrachloroethane	83	11.594	11.599	-0.005	92	93371	20.0	22.2	
108 1,2,3-Trichloropropane	110	11.652	11.646	0.006	55	32454	20.0	22.7	
110 N-Propylbenzene	91	11.662	11.662	0.000	99	596100	20.0	23.4	
109 trans-1,4-Dichloro-2-butene	53	11.694	11.693	0.001	88	24894	20.0	18.2	
111 2-Chlorotoluene	91	11.783	11.783	0.000	96	379389	20.0	23.0	
112 4-Ethyltoluene	105	11.825	11.825	0.000	98	497854	20.0	23.1	
114 1,3,5-Trimethylbenzene	105	11.919	11.919	0.000	90	412531	20.0	23.4	
113 4-Chlorotoluene	91	11.940	11.940	0.000	98	421130	20.0	23.2	
115 Butyl Methacrylate	87	12.087	12.087	0.000	88	100968	20.0	19.8	
116 tert-Butylbenzene	119	12.297	12.296	0.001	90	358326	20.0	23.2	
117 1,2,4-Trimethylbenzene	105	12.375	12.375	0.000	98	415780	20.0	23.1	
118 sec-Butylbenzene	105	12.559	12.559	0.000	98	491935	20.0	23.4	
119 1,3-Dichlorobenzene	146	12.690	12.690	0.000	95	229340	20.0	22.1	
122 4-Isopropyltoluene	119	12.732	12.732	0.000	88	422472	20.0	23.2	
* 120 1,4-Dichlorobenzene-d4	152	12.774	12.774	0.000	95	348171	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.800	12.800	0.000	94	229377	20.0	22.1	
123 1,2,3-Trimethylbenzene	105	12.842	12.842	0.000	99	409603	20.0	23.2	
124 Benzyl chloride	91	12.963	12.957	0.006	99	132627	20.0	18.3	
125 2,3-Dihydroindene	117	13.041	13.041	0.000	89	356679	20.0	23.0	
127 p-Diethylbenzene	119	13.136	13.135	0.001	93	245314	20.0	23.5	
128 n-Butylbenzene	92	13.157	13.156	0.001	98	202473	20.0	23.6	
126 1,2-Dichlorobenzene	146	13.183	13.183	0.001	95	201795	20.0	22.4	
130 1,2,4,5-Tetramethylbenzene	119	13.880	13.880	0.000	96	331375	20.0	22.1	
129 1,2-Dibromo-3-Chloropropane	157	13.943	13.943	0.000	93	15947	20.0	21.2	
131 1,3,5-Trichlorobenzene	180	14.090	14.090	0.000	96	137418	20.0	21.3	
132 1,2,4-Trichlorobenzene	180	14.625	14.624	0.001	93	103467	20.0	20.7	
133 Hexachlorobutadiene	225	14.735	14.734	0.001	79	59215	20.0	21.2	
134 Naphthalene	128	14.819	14.818	0.001	99	203657	20.0	20.9	
135 1,2,3-Trichlorobenzene	180	15.018	15.012	0.006	93	81415	20.0	21.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	44.3	
S 140 Total BTEX	1				0		100.0	112.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00216	Amount Added:	20.00	Units: uL	
ACROLEIN W_00192	Amount Added:	4.00	Units: uL	
GASES Li_00674	Amount Added:	20.00	Units: uL	
524FREONS_00047	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00084	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 16-Dec-2025 10:58:50 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695687.D

Injection Date: 16-Dec-2025 07:19:23 Instrument ID: CVOAMS15

Lims ID: LCSD

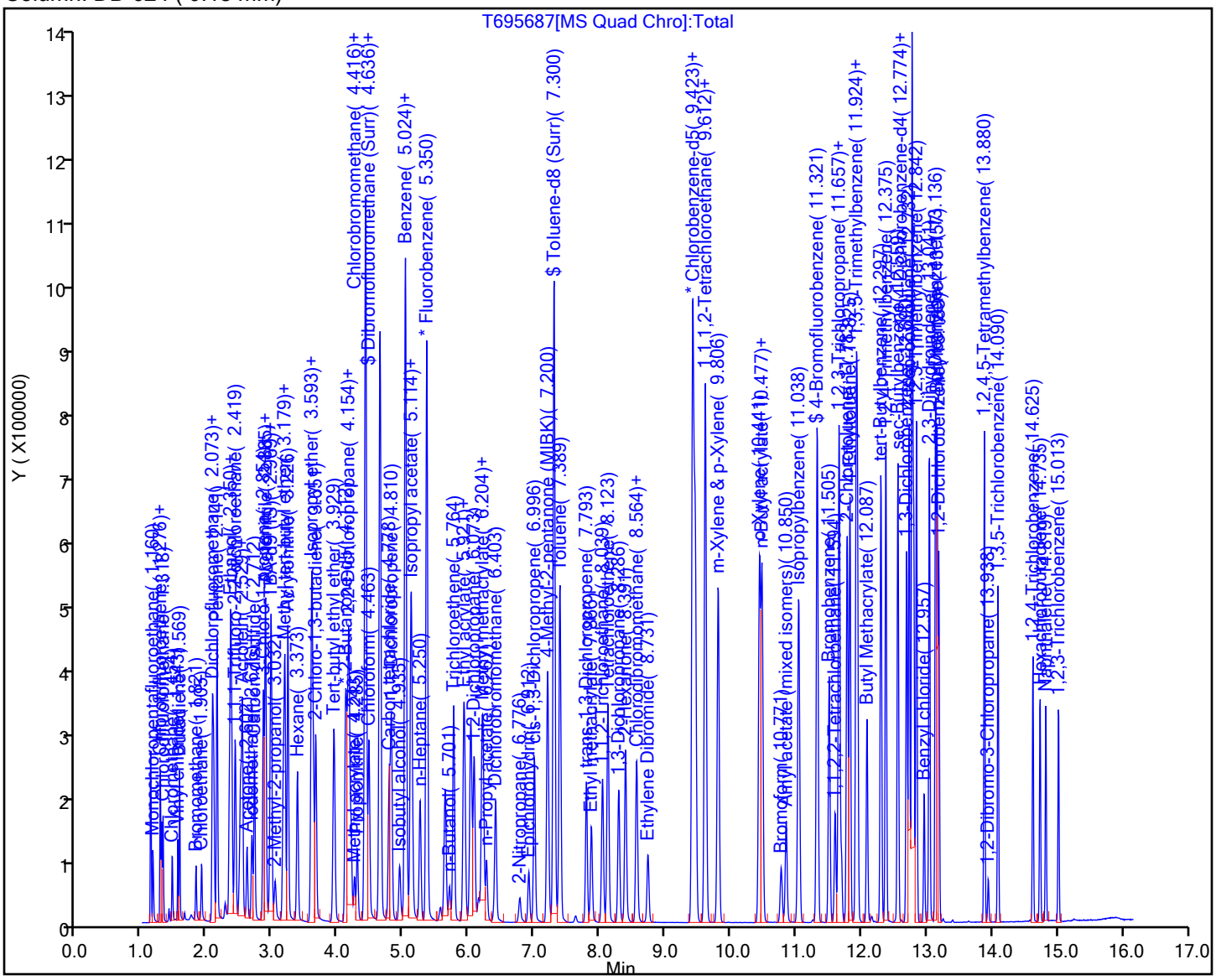
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 16-Dec-2025 10:58:50 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695687.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 16-Dec-2025 07:19:23 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0200558-005
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Dec-2025 10:58:26 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1605

First Level Reviewer: FK2C Date: 16-Dec-2025 09:09:52

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	50.2	100.44
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	53.2	106.49
$ 83 Toluene-d8 (Surr)	50.0	54.1	108.25
$ 105 4-Bromofluorobenzene	50.0	49.2	98.48

Eurofins Edison

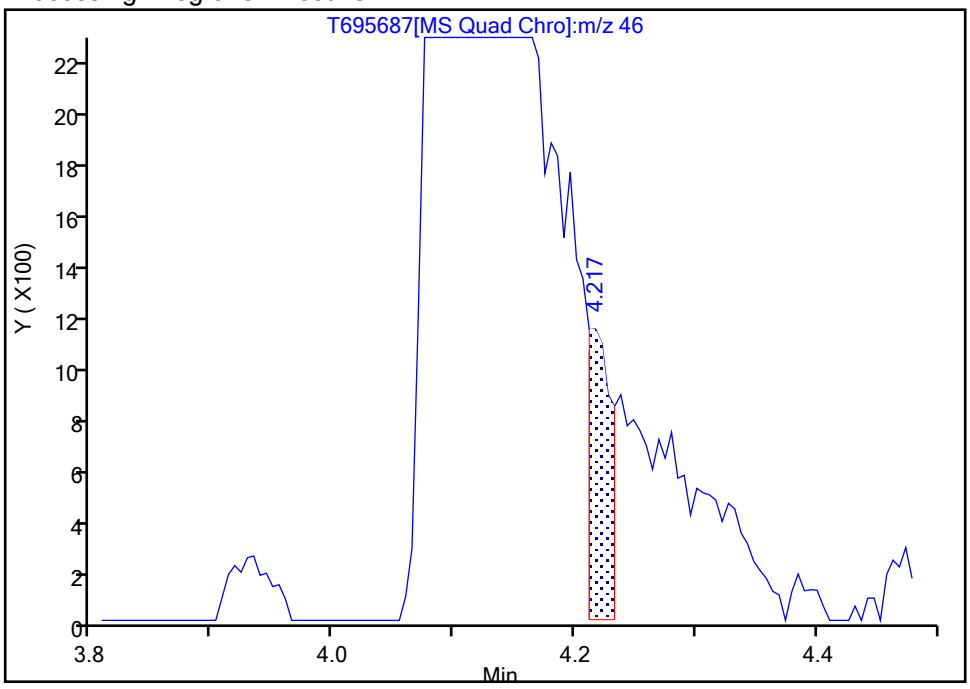
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695687.D
Injection Date: 16-Dec-2025 07:19:23 Instrument ID: CVOAMS15
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

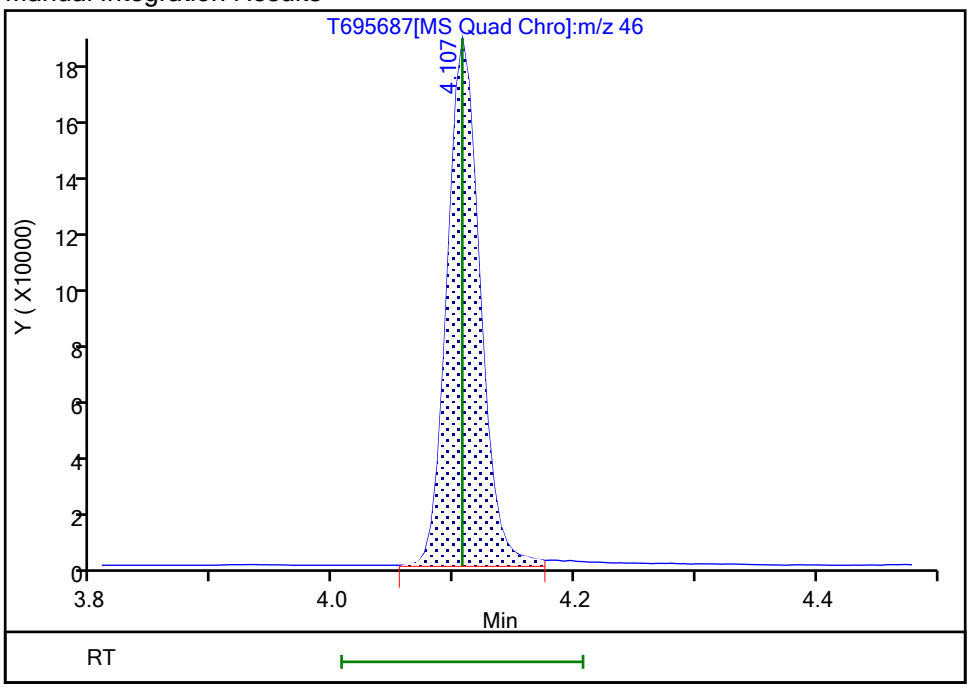
Processing Integration Results

RT: 4.22
Area: 1561
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.11
Area: 354280
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 16-Dec-2025 09:08:57 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

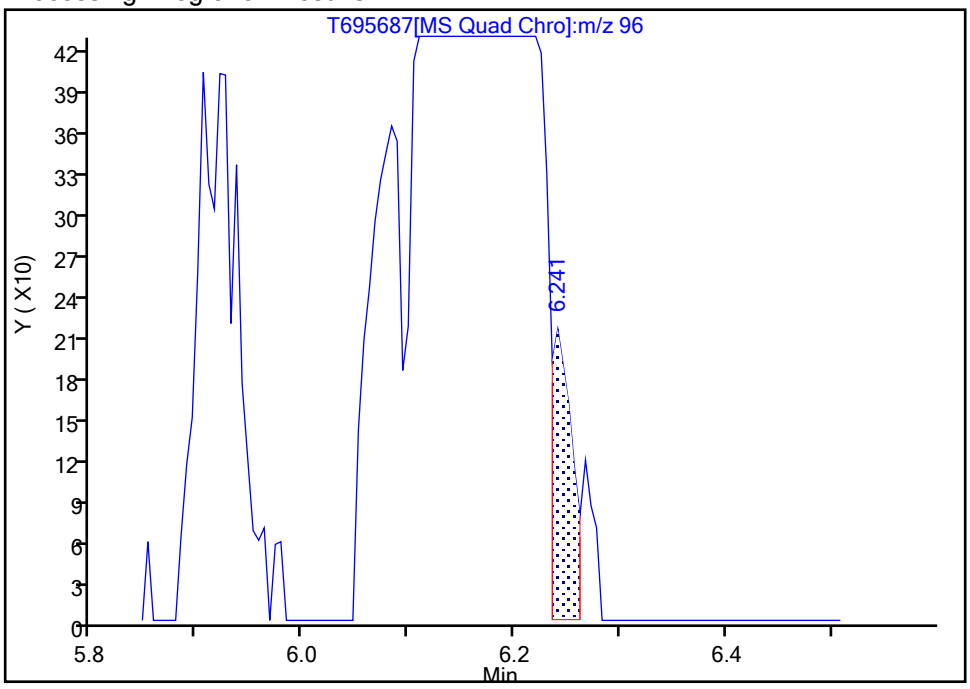
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695687.D
Injection Date: 16-Dec-2025 07:19:23 Instrument ID: CVOAMS15
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

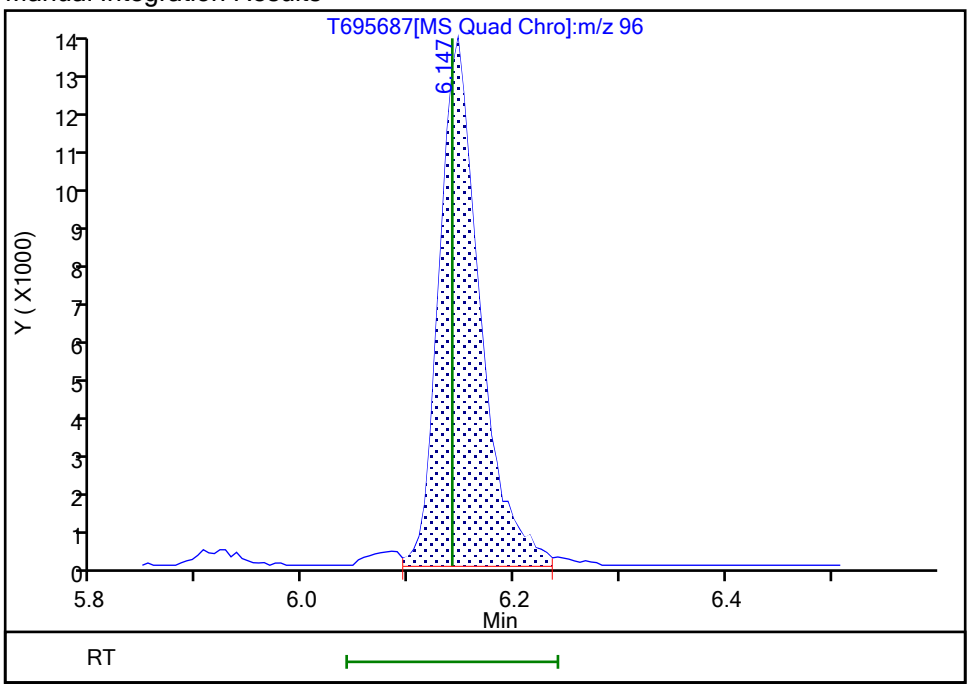
Processing Integration Results

RT: 6.24
Area: 291
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.15
Area: 35979
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 16-Dec-2025 09:09:34 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-7_20251211 MS | Lab Sample ID: 460-341362-1 MS

Matrix: Water | Lab File ID: T695710.D

Analysis Method: 8260D | Date Collected: 12/11/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 16:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.1		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14.4		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.5		0.58	0.19
75-34-3	1,1-Dichloroethane	19.1		1.0	0.26
75-35-4	1,1-Dichloroethene	17.9		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	17.5		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	17.3		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	20.9		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.4		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.0		1.0	0.21
107-06-2	1,2-Dichloroethane	19.2		0.30	0.087
78-87-5	1,2-Dichloropropane	18.6		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	20.4		1.0	0.33
541-73-1	1,3-Dichlorobenzene	19.6		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.5		1.0	0.33
78-93-3	2-Butanone (MEK)	115		5.0	3.9
591-78-6	2-Hexanone	99.8		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	108		5.0	1.3
67-64-1	Acetone	99.9		5.0	4.4
71-43-2	Benzene	19.8		0.45	0.070
75-25-2	Bromoform	17.7		1.0	0.54
74-83-9	Bromomethane	13.1		1.0	0.55
75-15-0	Carbon disulfide	16.3		1.0	0.82
56-23-5	Carbon tetrachloride	16.7		1.0	0.21
108-90-7	Chlorobenzene	20.1		1.0	0.38
74-97-5	Chlorobromomethane	20.4		1.0	0.41
124-48-1	Chlorodibromomethane	18.3		0.78	0.086
75-00-3	Chloroethane	18.0		1.0	0.32
67-66-3	Chloroform	20.2		1.0	0.33
74-87-3	Chloromethane	13.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.2		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-7_20251211 MS | Lab Sample ID: 460-341362-1 MS

Matrix: Water | Lab File ID: T695710.D

Analysis Method: 8260D | Date Collected: 12/11/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 16:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	18.1		0.45	0.069
110-82-7	Cyclohexane	15.1		1.0	0.32
75-27-4	Dichlorobromomethane	18.0		0.98	0.15
75-71-8	Dichlorodifluoromethane	9.58		1.0	0.31
100-41-4	Ethylbenzene	20.2		1.0	0.30
106-93-4	Ethylene Dibromide	19.8		1.0	0.50
98-82-8	Isopropylbenzene	18.1		1.0	0.34
79-20-9	Methyl acetate	38.9		5.0	0.79
1634-04-4	Methyl tert-butyl ether	16.8		1.0	0.22
108-87-2	Methylcyclohexane	14.6		1.0	0.71
75-09-2	Methylene Chloride	19.1		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	20.7		1.0	0.30
104-51-8	n-Butylbenzene	19.3		1.0	0.32
103-65-1	N-Propylbenzene	19.6		1.0	0.32
95-47-6	o-Xylene	19.6		1.0	0.36
135-98-8	sec-Butylbenzene	19.6		1.0	0.37
100-42-5	Styrene	18.8		1.0	0.42
98-06-6	tert-Butylbenzene	19.7		1.0	0.34
127-18-4	Tetrachloroethene	97.9		0.40	0.28
108-88-3	Toluene	19.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.3		0.45	0.12
79-01-6	Trichloroethene	18.5		0.28	0.074
75-69-4	Trichlorofluoromethane	17.3		1.0	0.32
75-01-4	Vinyl chloride	17.1		1.0	0.40
1330-20-7	Xylenes, Total	40.3		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-7_20251211 MS | Lab Sample ID: 460-341362-1 MS

Matrix: Water | Lab File ID: T695710.D

Analysis Method: 8260D | Date Collected: 12/11/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 16:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	106		80-120

Report Date: 17-Dec-2025 06:39:03 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695710.D
Lims ID: 460-341362-A-1 MS
Client ID: MW-7_20251211
Sample Type: MS
Inject. Date: 16-Dec-2025 16:15:48 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-1 MS
Misc. Info.: 460-0200558-028
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Dec-2025 06:38:35 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1687

First Level Reviewer: FK2C Date: 17-Dec-2025 06:37:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.171	0.000	26	2441	20.0	11.9	
3 Chlorotrifluoroethene	116	1.270	1.270	0.000	47	7966	20.0	7.46	
2 1,1-Difluoroethane	65	1.275	1.275	0.000	94	42067	20.0	19.2	
4 Dichlorodifluoromethane	85	1.296	1.296	0.000	88	62358	20.0	9.58	
5 Chlorodifluoromethane	67	1.317	1.317	0.000	78	18766	20.0	17.9	
6 Chloromethane	50	1.454	1.454	0.000	88	58613	20.0	13.8	
7 Vinyl chloride	62	1.543	1.543	0.000	84	61573	20.0	17.1	
8 Butadiene	54	1.569	1.569	0.000	95	50398	20.0	17.0	
9 Bromomethane	94	1.821	1.821	0.000	97	17360	20.0	13.1	
10 Chloroethane	64	1.905	1.905	0.000	97	47699	20.0	18.0	
11 Dichlorofluoromethane	67	2.072	2.072	0.000	91	216231	20.0	19.9	
12 Trichlorofluoromethane	101	2.088	2.088	0.000	87	154324	20.0	17.3	
13 Pentane	72	2.141	2.141	0.001	95	16152	40.0	22.2	
14 Ethanol	46	2.261	2.266	-0.005	98	13558	800.0	1168.4	
15 Ethyl ether	59	2.329	2.329	0.000	94	76915	20.0	19.5	
17 2-Methyl-1,3-butadiene	53	2.345	2.350	-0.005	92	59837	20.0	14.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.366	2.366	0.000	86	85797	20.0	18.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.418	2.418	0.000	89	130173	20.0	18.9	
19 Acrolein	56	2.476	2.481	-0.005	96	30681	40.0	58.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.502	2.502	0.000	97	63051	20.0	14.4	
20 1,1-Dichloroethene	96	2.529	2.529	0.000	90	84580	20.0	17.9	
22 Acetone	43	2.602	2.602	0.000	87	103596	100.0	99.9	
23 Iodomethane	142	2.675	2.675	0.000	99	91157	20.0	15.7	
25 Isopropyl alcohol	45	2.691	2.691	0.000	96	38432	200.0	237.5	
24 Carbon disulfide	76	2.717	2.717	0.000	99	235297	20.0	16.3	
27 3-Chloro-1-propene	76	2.848	2.848	0.000	91	51577	20.0	17.6	
28 Methyl acetate	43	2.859	2.859	0.000	97	106279	40.0	38.9	
29 Cyclopentene	67	2.885	2.885	0.000	83	185768	20.0	15.6	
26 Acetonitrile	41	2.885	2.885	0.000	73	120498	200.0	225.7	
* 31 TBA-d9 (IS)	66	2.958	2.958	0.000	97	44255	1000.0	1000.0	
30 Methylene Chloride	84	2.974	2.974	0.000	84	108162	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.032	3.032	0.000	97	51565	200.0	185.3	
35 Methyl tert-butyl ether	73	3.158	3.158	0.000	97	229767	20.0	16.8	
34 trans-1,2-Dichloroethene	96	3.179	3.179	0.000	87	101929	20.0	18.7	
33 Acrylonitrile	53	3.226	3.226	0.000	94	275990	200.0	202.7	
36 Hexane	57	3.373	3.373	0.000	92	67684	20.0	11.6	
40 Isopropyl ether	45	3.588	3.588	0.000	93	270004	20.0	18.1	
37 1,1-Dichloroethane	63	3.593	3.593	0.000	84	178511	20.0	19.1	
38 Vinyl acetate	86	3.619	3.619	0.000	99	30423	40.0	42.9	
39 2-Chloro-1,3-butadiene	88	3.651	3.656	-0.005	89	85077	20.0	18.9	
41 Tert-butyl ethyl ether	59	3.928	3.928	0.000	90	237581	20.0	15.9	
* 42 2-Butanone-d5	46	4.107	4.107	0.000	83	331086	250.0	250.0	a
44 2,2-Dichloropropane	97	4.138	4.138	0.000	87	29795	20.0	15.3	
43 cis-1,2-Dichloroethene	96	4.154	4.159	-0.005	91	115446	20.0	19.2	
45 2-Butanone (MEK)	72	4.170	4.170	0.000	100	43285	100.0	114.5	
47 Ethyl acetate	70	4.191	4.191	0.000	99	17174	40.0	40.1	a
48 Methyl acrylate	55	4.243	4.248	-0.005	99	64973	20.0	18.1	
46 Propionitrile	54	4.285	4.285	0.000	98	100776	200.0	193.8	
49 Chlorobromomethane	128	4.400	4.400	0.000	65	55760	20.0	20.4	
51 Tetrahydrofuran	72	4.411	4.406	0.005	28	17864	40.0	49.7	
50 Methacrylonitrile	67	4.416	4.416	0.000	91	329929	200.0	208.8	
52 Chloroform	83	4.463	4.468	-0.005	94	203007	20.0	20.2	
54 1,1,1-Trichloroethane	97	4.631	4.636	-0.005	69	162472	20.0	17.8	
55 Cyclohexane	84	4.636	4.636	0.000	58	102426	20.0	15.1	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.636	0.000	97	235994	50.0	50.1	
56 Carbon tetrachloride	117	4.778	4.778	0.000	89	132881	20.0	16.7	
57 1,1-Dichloropropene	75	4.809	4.809	0.000	96	136437	20.0	18.2	
59 Isobutyl alcohol	43	4.935	4.935	0.000	98	54834	500.0	533.4	
60 Benzene	78	5.019	5.019	0.000	94	399162	20.0	19.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	78	284423	50.0	53.4	
62 Isooctane	57	5.029	5.029	0.000	52	124731	20.0	12.2	
63 Isopropyl acetate	61	5.103	5.108	-0.005	94	40406	20.0	18.1	
61 1,2-Dichloroethane	62	5.108	5.108	0.000	91	144044	20.0	19.2	
64 Tert-amyl methyl ether	73	5.119	5.119	0.000	89	214024	20.0	16.4	
66 n-Heptane	43	5.244	5.250	-0.006	90	57842	20.0	11.7	
* 65 Fluorobenzene	96	5.349	5.349	0.000	98	922668	50.0	50.0	
68 n-Butanol	56	5.695	5.701	-0.006	88	33630	500.0	516.8	
67 Trichloroethene	95	5.764	5.758	0.006	94	111233	20.0	18.5	
69 Ethyl acrylate	55	5.916	5.916	0.000	96	160289	20.0	15.6	
70 Methylcyclohexane	83	5.926	5.926	0.000	87	105768	20.0	14.6	
71 1,2-Dichloropropane	63	6.073	6.073	0.000	88	99731	20.0	18.6	
* 73 1,4-Dioxane-d8	96	6.146	6.141	0.005	1	40152	1000.0	1000.0	
75 Methyl methacrylate	100	6.199	6.199	0.000	85	39991	40.0	36.5	
74 1,4-Dioxane	88	6.209	6.209	0.000	41	16913	400.0	455.4	
72 Dibromomethane	93	6.214	6.214	0.000	95	62278	20.0	19.5	
76 n-Propyl acetate	43	6.267	6.267	0.000	97	81632	20.0	16.1	
77 Dichlorobromomethane	83	6.403	6.403	0.000	95	124647	20.0	18.0	
78 2-Nitropropane	41	6.770	6.775	-0.005	98	22960	40.0	27.5	
80 Epichlorohydrin	57	6.912	6.912	0.000	95	10931	400.0	49.9	
81 cis-1,3-Dichloropropene	75	6.996	6.996	0.000	87	153430	20.0	18.1	
82 4-Methyl-2-pentanone (MIBK)	43	7.200	7.200	0.000	96	289619	100.0	107.7	
$ 83 Toluene-d8 (Surr)	98	7.294	7.300	-0.006	99	866638	50.0	53.1	
84 Toluene	91	7.389	7.389	0.000	93	430838	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.793	7.793	0.000	93	126967	20.0	17.3	
86 Ethyl methacrylate	69	7.871	7.871	0.000	87	92877	20.0	17.3	
87 1,1,2-Trichloroethane	83	8.039	8.039	0.000	91	69465	20.0	19.5	
88 Tetrachloroethene	166	8.123	8.123	0.000	92	641728	20.0	97.9	
89 1,3-Dichloropropane	76	8.285	8.285	0.000	92	146439	20.0	19.9	
90 2-Hexanone	43	8.390	8.390	0.000	95	193693	100.0	99.8	
91 Chlorodibromomethane	129	8.563	8.563	0.000	92	87609	20.0	18.3	
93 n-Butyl acetate	43	8.563	8.563	0.000	98	86123	20.0	16.1	
92 Ethylene Dibromide	107	8.731	8.736	-0.005	98	84547	20.0	19.8	
* 94 Chlorobenzene-d5	117	9.418	9.418	0.000	85	684588	50.0	50.0	
95 Chlorobenzene	112	9.460	9.460	0.000	94	288713	20.0	20.1	
96 1,1,1,2-Tetrachloroethane	131	9.612	9.612	0.000	39	98292	20.0	19.2	
97 Ethylbenzene	106	9.612	9.612	0.000	98	157787	20.0	20.2	
98 m-Xylene & p-Xylene	106	9.806	9.806	0.000	91	200567	20.0	20.7	
99 o-Xylene	106	10.440	10.435	0.005	94	181143	20.0	19.6	
101 n-Butyl acrylate	73	10.461	10.461	0.000	97	50907	20.0	17.4	
100 Styrene	104	10.482	10.482	0.000	94	273795	20.0	18.8	
102 Bromoform	173	10.771	10.776	-0.005	94	48648	20.0	17.7	
103 Amyl acetate (mixed isomers)	43	10.849	10.849	0.000	93	87412	20.0	13.9	
104 Isopropylbenzene	105	11.038	11.038	0.000	96	392285	20.0	18.1	
$ 105 4-Bromofluorobenzene	174	11.321	11.326	-0.005	90	274740	50.0	47.7	
106 Bromobenzene	156	11.510	11.510	0.000	93	113924	20.0	18.1	
107 1,1,2,2-Tetrachloroethane	83	11.594	11.599	-0.005	92	83099	20.0	19.1	
108 1,2,3-Trichloropropane	110	11.652	11.646	0.006	55	28614	20.0	19.3	
110 N-Propylbenzene	91	11.657	11.662	-0.005	99	516669	20.0	19.6	
109 trans-1,4-Dichloro-2-butene	53	11.693	11.693	0.000	84	18808	20.0	13.2	
111 2-Chlorotoluene	91	11.783	11.783	0.000	96	330267	20.0	19.3	
112 4-Ethyltoluene	105	11.825	11.825	0.000	98	443713	20.0	19.9	
114 1,3,5-Trimethylbenzene	105	11.919	11.919	0.000	90	371415	20.0	20.4	
113 4-Chlorotoluene	91	11.940	11.940	0.000	98	385873	20.0	20.5	
115 Butyl Methacrylate	87	12.087	12.087	0.000	87	92062	20.0	17.4	
116 tert-Butylbenzene	119	12.302	12.296	0.006	91	315467	20.0	19.7	
117 1,2,4-Trimethylbenzene	105	12.375	12.375	0.000	98	389833	20.0	20.9	
118 sec-Butylbenzene	105	12.559	12.559	0.000	98	425938	20.0	19.6	
119 1,3-Dichlorobenzene	146	12.690	12.690	0.000	95	210803	20.0	19.6	
122 4-Isopropyltoluene	119	12.732	12.732	0.000	89	371368	20.0	19.7	
* 120 1,4-Dichlorobenzene-d4	152	12.774	12.774	0.000	96	360646	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.800	12.800	0.000	93	209308	20.0	19.5	
123 1,2,3-Trimethylbenzene	105	12.842	12.842	0.000	99	384070	20.0	21.0	
124 Benzyl chloride	91	12.962	12.957	0.005	99	95599	20.0	12.7	
125 2,3-Dihydroindene	117	13.041	13.041	0.000	90	339842	20.0	21.2	
127 p-Diethylbenzene	119	13.135	13.135	0.000	93	216509	20.0	20.1	
128 n-Butylbenzene	92	13.156	13.156	0.000	97	171516	20.0	19.3	
126 1,2-Dichlorobenzene	146	13.183	13.183	0.000	95	187106	20.0	20.0	
130 1,2,4,5-Tetramethylbenzene	119	13.880	13.880	0.000	97	292051	20.0	18.8	
129 1,2-Dibromo-3-Chloropropane	157	13.943	13.943	0.000	94	14315	20.0	18.4	
131 1,3,5-Trichlorobenzene	180	14.090	14.090	0.000	97	120023	20.0	18.0	
132 1,2,4-Trichlorobenzene	180	14.624	14.624	0.000	91	89773	20.0	17.3	
133 Hexachlorobutadiene	225	14.734	14.734	0.000	80	49044	20.0	16.9	
134 Naphthalene	128	14.824	14.818	0.006	99	210614	20.0	20.8	
135 1,2,3-Trichlorobenzene	180	15.018	15.012	0.006	95	69047	20.0	17.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	40.3	
S 140 Total BTEX	1				0		100.0	99.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	35.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00216	Amount Added:	20.00	Units: uL	
GASES Li_00674	Amount Added:	20.00	Units: uL	
ACROLEIN W_00192	Amount Added:	4.00	Units: uL	
524FREONS_00047	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00084	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 17-Dec-2025 06:39:03 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695710.D

Injection Date: 16-Dec-2025 16:15:48 Instrument ID: CVOAMS15

Lims ID: 460-341362-A-1 MS

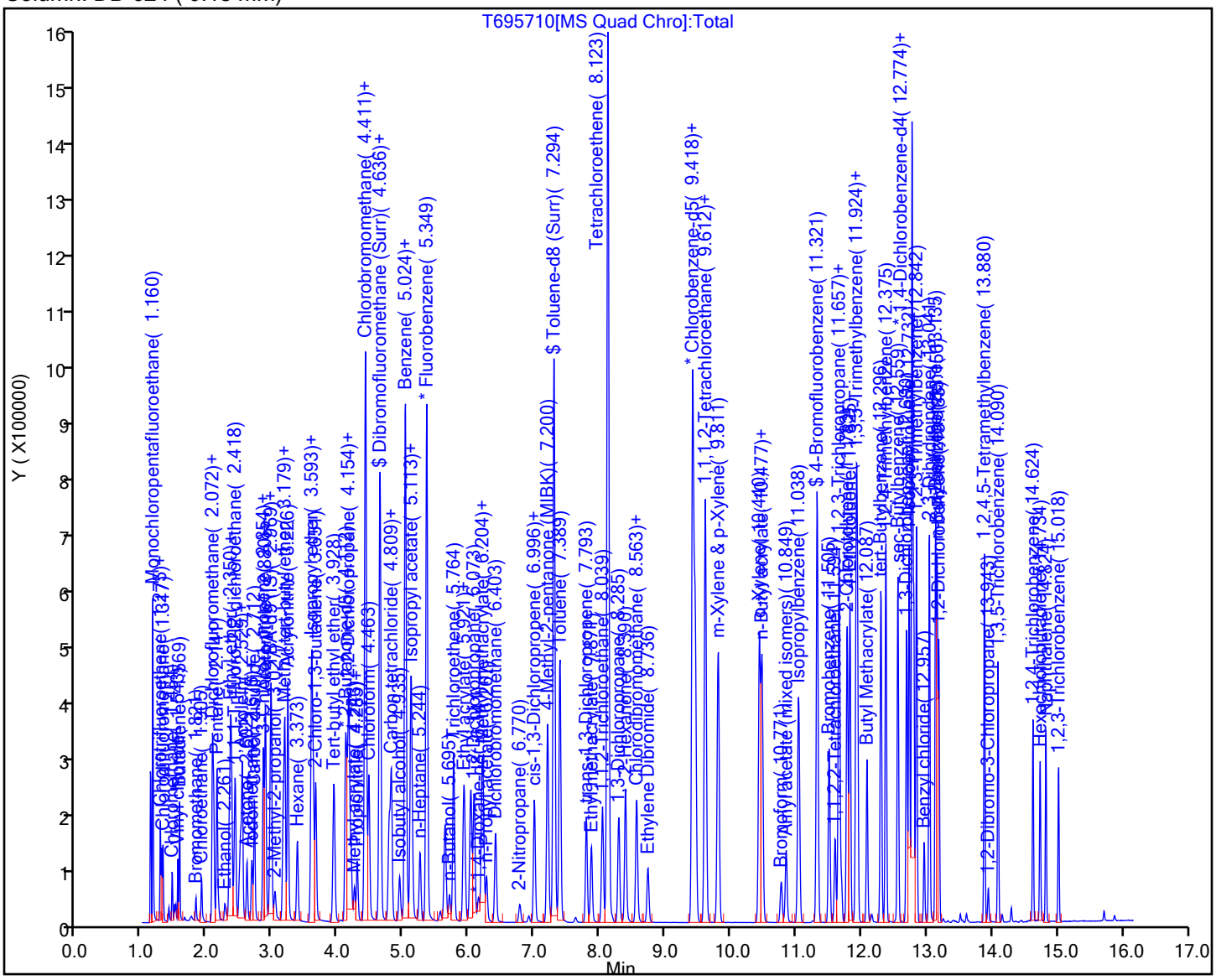
Client ID: MW-7_20251211

Operator ID: ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695710.D
Lims ID: 460-341362-A-1 MS
Client ID: MW-7_20251211
Sample Type: MS
Inject. Date: 16-Dec-2025 16:15:48 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-1 MS
Misc. Info.: 460-0200558-028
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Dec-2025 06:38:35 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1687

First Level Reviewer: FK2C Date: 17-Dec-2025 06:37:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	50.1	100.28
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	53.4	106.89
$ 83 Toluene-d8 (Surr)	50.0	53.1	106.16
$ 105 4-Bromofluorobenzene	50.0	47.7	95.45

Manual Integration/User Assign Peak Report

Eurofins Edison

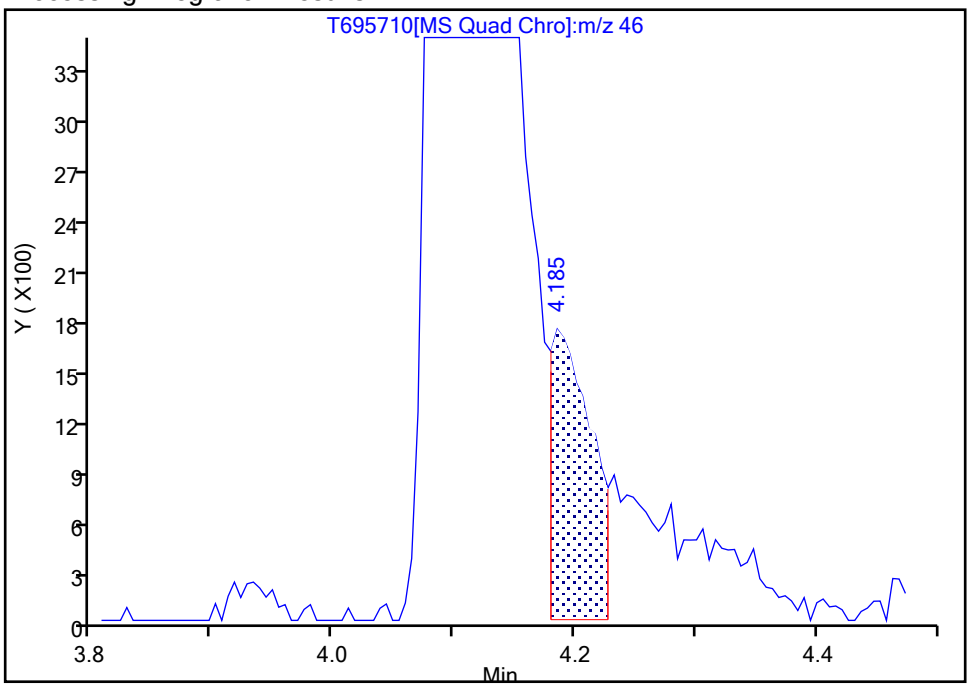
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695710.D				
Injection Date:	16-Dec-2025 16:15:48	Instrument ID:	CVOAMS15		
Lims ID:	460-341362-A-1 MS				
Client ID:	MW-7_20251211				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

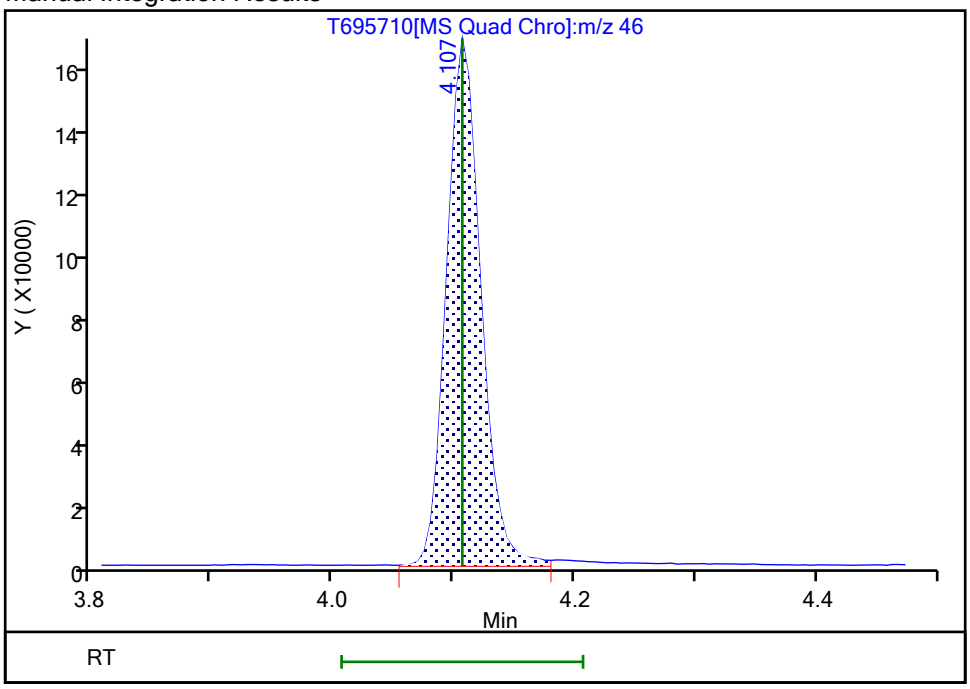
Processing Integration Results

RT: 4.19
Area: 4115
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.11
Area: 331086
Amount: 250.0000
Amount Units: ug/l



Reviewer: FK2C, 17-Dec-2025 06:36:40 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-7_20251211 MSD | Lab Sample ID: 460-341362-1 MSD

Matrix: Water | Lab File ID: T695711.D

Analysis Method: 8260D | Date Collected: 12/11/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 16:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.7		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16.7		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.1		0.58	0.19
75-34-3	1,1-Dichloroethane	20.9		1.0	0.26
75-35-4	1,1-Dichloroethene	19.8		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	19.5		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.1		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	22.5		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	20.7		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.6		1.0	0.21
107-06-2	1,2-Dichloroethane	20.8		0.30	0.087
78-87-5	1,2-Dichloropropane	20.1		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	22.2		1.0	0.33
541-73-1	1,3-Dichlorobenzene	21.5		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.1		1.0	0.33
78-93-3	2-Butanone (MEK)	120		5.0	3.9
591-78-6	2-Hexanone	106		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	114		5.0	1.3
67-64-1	Acetone	104		5.0	4.4
71-43-2	Benzene	21.4		0.45	0.070
75-25-2	Bromoform	19.3		1.0	0.54
74-83-9	Bromomethane	20.8		1.0	0.55
75-15-0	Carbon disulfide	18.3		1.0	0.82
56-23-5	Carbon tetrachloride	18.8		1.0	0.21
108-90-7	Chlorobenzene	21.8		1.0	0.38
74-97-5	Chlorobromomethane	21.8		1.0	0.41
124-48-1	Chlorodibromomethane	20.2		0.78	0.086
75-00-3	Chloroethane	15.0		1.0	0.32
67-66-3	Chloroform	21.8		1.0	0.33
74-87-3	Chloromethane	15.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.9		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-7_20251211 MSD | Lab Sample ID: 460-341362-1 MSD

Matrix: Water | Lab File ID: T695711.D

Analysis Method: 8260D | Date Collected: 12/11/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 16:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	20.1		0.45	0.069
110-82-7	Cyclohexane	17.7		1.0	0.32
75-27-4	Dichlorobromomethane	19.8		0.98	0.15
75-71-8	Dichlorodifluoromethane	11.0		1.0	0.31
100-41-4	Ethylbenzene	21.6		1.0	0.30
106-93-4	Ethylene Dibromide	21.5		1.0	0.50
98-82-8	Isopropylbenzene	21.5		1.0	0.34
79-20-9	Methyl acetate	41.5		5.0	0.79
1634-04-4	Methyl tert-butyl ether	18.7		1.0	0.22
108-87-2	Methylcyclohexane	16.8		1.0	0.71
75-09-2	Methylene Chloride	20.6		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	22.1		1.0	0.30
104-51-8	n-Butylbenzene	21.4		1.0	0.32
103-65-1	N-Propylbenzene	22.1		1.0	0.32
95-47-6	o-Xylene	21.5		1.0	0.36
135-98-8	sec-Butylbenzene	21.8		1.0	0.37
100-42-5	Styrene	21.1		1.0	0.42
98-06-6	tert-Butylbenzene	21.7		1.0	0.34
127-18-4	Tetrachloroethene	101		0.40	0.28
108-88-3	Toluene	21.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.9		0.45	0.12
79-01-6	Trichloroethene	20.6		0.28	0.074
75-69-4	Trichlorofluoromethane	19.8		1.0	0.32
75-01-4	Vinyl chloride	19.1		1.0	0.40
1330-20-7	Xylenes, Total	43.6		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-341362-1

SDG No.:

Client Sample ID: MW-7_20251211 MSD | Lab Sample ID: 460-341362-1 MSD

Matrix: Water | Lab File ID: T695711.D

Analysis Method: 8260D | Date Collected: 12/11/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 12/16/2025 16:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1080639 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	106		80-120

Report Date: 17-Dec-2025 06:39:08 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695711.D
Lims ID: 460-341362-A-1 MSD
Client ID: MW-7_20251211
Sample Type: MSD
Inject. Date: 16-Dec-2025 16:39:12 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-1 MSD
Misc. Info.: 460-0200558-029
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Dec-2025 06:38:35 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1687

First Level Reviewer: FK2C Date: 17-Dec-2025 06:38:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.171	0.000	26	2878	20.0	13.7	
3 Chlorotrifluoroethene	116	1.270	1.270	0.000	54	12560	20.0	11.5	
2 1,1-Difluoroethane	65	1.275	1.275	0.000	95	46379	20.0	20.9	
4 Dichlorodifluoromethane	85	1.296	1.296	0.000	88	73200	20.0	11.0	
5 Chlorodifluoromethane	67	1.317	1.317	0.000	78	21104	20.0	19.9	
6 Chloromethane	50	1.454	1.454	0.000	88	68380	20.0	15.9	
7 Vinyl chloride	62	1.543	1.543	0.000	84	69874	20.0	19.1	
8 Butadiene	54	1.569	1.569	0.000	95	58158	20.0	19.3	
9 Bromomethane	94	1.821	1.821	0.000	98	27946	20.0	20.8	
10 Chloroethane	64	1.905	1.905	0.000	97	40129	20.0	15.0	
11 Dichlorofluoromethane	67	2.072	2.072	0.000	90	239560	20.0	21.7	
12 Trichlorofluoromethane	101	2.088	2.088	0.000	88	178891	20.0	19.8	
13 Pentane	72	2.141	2.141	0.001	95	18845	40.0	25.5	
14 Ethanol	46	2.266	2.266	0.000	100	14847	800.0	1191.2	
15 Ethyl ether	59	2.329	2.329	0.000	95	84905	20.0	21.3	
17 2-Methyl-1,3-butadiene	53	2.350	2.350	0.000	87	68787	20.0	15.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.366	2.366	0.000	87	96037	20.0	20.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.418	2.418	0.000	89	148330	20.0	21.3	
19 Acrolein	56	2.481	2.481	0.000	97	32837	40.0	58.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.502	2.502	0.000	97	74115	20.0	16.7	
20 1,1-Dichloroethene	96	2.529	2.529	0.001	90	94578	20.0	19.8	
22 Acetone	43	2.602	2.602	0.000	87	112817	100.0	103.7	
23 Iodomethane	142	2.675	2.675	0.000	99	108988	20.0	18.5	
25 Isopropyl alcohol	45	2.691	2.691	0.000	96	43250	200.0	248.9	
24 Carbon disulfide	76	2.717	2.717	0.000	99	266088	20.0	18.3	
27 3-Chloro-1-propene	76	2.848	2.848	0.000	90	58618	20.0	19.8	
28 Methyl acetate	43	2.859	2.859	0.000	96	115080	40.0	41.5	
29 Cyclopentene	67	2.885	2.885	0.000	83	212970	20.0	17.6	
26 Acetonitrile	41	2.885	2.885	0.000	70	131652	200.0	234.9	
* 31 TBA-d9 (IS)	66	2.959	2.958	0.001	97	47536	1000.0	1000.0	
30 Methylene Chloride	84	2.974	2.974	0.000	84	118060	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.032	3.032	0.000	97	62283	200.0	208.4	
35 Methyl tert-butyl ether	73	3.158	3.158	0.000	97	259357	20.0	18.7	
34 trans-1,2-Dichloroethene	96	3.179	3.179	0.000	87	113013	20.0	20.5	
33 Acrylonitrile	53	3.226	3.226	0.000	93	299588	200.0	217.2	
36 Hexane	57	3.373	3.373	0.000	93	76100	20.0	12.8	
40 Isopropyl ether	45	3.588	3.588	0.000	94	301584	20.0	19.9	
37 1,1-Dichloroethane	63	3.593	3.593	0.000	84	198328	20.0	20.9	
38 Vinyl acetate	86	3.619	3.619	0.000	99	33700	40.0	45.3	
39 2-Chloro-1,3-butadiene	88	3.651	3.656	-0.005	89	93355	20.0	20.5	
41 Tert-butyl ethyl ether	59	3.928	3.928	0.000	89	269473	20.0	17.8	
* 42 2-Butanone-d5	46	4.107	4.107	0.000	80	347514	250.0	250.0	
44 2,2-Dichloropropane	97	4.138	4.138	0.000	88	33321	20.0	16.8	
43 cis-1,2-Dichloroethene	96	4.159	4.159	0.000	92	126999	20.0	20.9	
45 2-Butanone (MEK)	72	4.170	4.170	0.000	100	47709	100.0	120.3	
47 Ethyl acetate	70	4.191	4.191	0.000	99	19179	40.0	42.7	a
48 Methyl acrylate	55	4.243	4.248	-0.005	99	71245	20.0	19.6	
46 Propionitrile	54	4.285	4.285	0.000	97	114714	200.0	217.8	
49 Chlorobromomethane	128	4.400	4.400	0.000	65	60496	20.0	21.8	
51 Tetrahydrofuran	72	4.411	4.406	0.005	28	19814	40.0	52.5	
50 Methacrylonitrile	67	4.416	4.416	0.000	91	360265	200.0	225.1	
52 Chloroform	83	4.463	4.468	-0.005	94	222297	20.0	21.8	
54 1,1,1-Trichloroethane	97	4.636	4.636	0.000	70	183497	20.0	19.9	
55 Cyclohexane	84	4.636	4.636	0.000	64	121189	20.0	17.7	
$ 53 Dibromofluoromethane (Surr)	113	4.636	4.636	0.000	96	240591	50.0	50.5	
56 Carbon tetrachloride	117	4.778	4.778	0.000	90	151970	20.0	18.8	
57 1,1-Dichloropropene	75	4.809	4.809	0.000	97	151994	20.0	20.0	
59 Isobutyl alcohol	43	4.935	4.935	0.000	99	60820	500.0	550.8	
60 Benzene	78	5.019	5.019	0.000	94	437164	20.0	21.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.024	5.024	0.000	75	289387	50.0	53.7	
62 Isooctane	57	5.030	5.029	0.001	52	139073	20.0	13.4	
63 Isopropyl acetate	61	5.108	5.108	0.000	92	44124	20.0	19.6	
61 1,2-Dichloroethane	62	5.108	5.108	0.000	91	158000	20.0	20.8	
64 Tert-amyl methyl ether	73	5.119	5.119	0.000	88	240142	20.0	18.2	
66 n-Heptane	43	5.250	5.250	0.000	91	62688	20.0	12.5	
* 65 Fluorobenzene	96	5.349	5.349	0.000	98	934580	50.0	50.0	
68 n-Butanol	56	5.701	5.701	0.000	87	38515	500.0	551.0	
67 Trichloroethene	95	5.764	5.758	0.006	95	125294	20.0	20.6	
69 Ethyl acrylate	55	5.916	5.916	0.000	96	182041	20.0	17.4	
70 Methylcyclohexane	83	5.926	5.926	0.000	87	123712	20.0	16.8	
71 1,2-Dichloropropane	63	6.073	6.073	0.000	89	109700	20.0	20.1	
* 73 1,4-Dioxane-d8	96	6.141	6.141	0.000	1	40404	1000.0	1000.0	
75 Methyl methacrylate	100	6.194	6.199	-0.005	87	43232	40.0	38.9	
74 1,4-Dioxane	88	6.209	6.209	0.000	40	19496	400.0	521.7	
72 Dibromomethane	93	6.214	6.214	0.000	95	68281	20.0	21.1	
76 n-Propyl acetate	43	6.267	6.267	0.000	98	93534	20.0	18.2	
77 Dichlorobromomethane	83	6.403	6.403	0.000	95	138605	20.0	19.8	
78 2-Nitropropane	41	6.776	6.775	0.001	96	25092	40.0	28.6	
80 Epichlorohydrin	57	6.912	6.912	0.000	97	14368	400.0	62.5	
81 cis-1,3-Dichloropropene	75	6.996	6.996	0.000	87	172584	20.0	20.1	
82 4-Methyl-2-pentanone (MIBK)	43	7.200	7.200	0.000	95	321349	100.0	113.8	
$ 83 Toluene-d8 (Surr)	98	7.295	7.300	-0.005	99	877534	50.0	53.0	
84 Toluene	91	7.389	7.389	0.000	93	474735	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.793	7.793	0.000	94	140556	20.0	18.9	
86 Ethyl methacrylate	69	7.871	7.871	0.000	87	103811	20.0	19.1	
87 1,1,2-Trichloroethane	83	8.039	8.039	0.000	92	76165	20.0	21.1	
88 Tetrachloroethene	166	8.123	8.123	0.000	92	673743	20.0	101.4	
89 1,3-Dichloropropane	76	8.291	8.285	0.006	90	161325	20.0	21.7	
90 2-Hexanone	43	8.390	8.390	0.000	94	216806	100.0	106.4	
91 Chlorodibromomethane	129	8.558	8.563	-0.005	96	98030	20.0	20.2	
93 n-Butyl acetate	43	8.563	8.563	0.000	98	96678	20.0	17.8	
92 Ethylene Dibromide	107	8.731	8.736	-0.005	97	92905	20.0	21.5	
* 94 Chlorobenzene-d5	117	9.418	9.418	0.000	84	694417	50.0	50.0	
95 Chlorobenzene	112	9.465	9.460	0.005	94	318031	20.0	21.8	
96 1,1,1,2-Tetrachloroethane	131	9.612	9.612	0.000	39	109299	20.0	21.1	
97 Ethylbenzene	106	9.612	9.612	0.000	98	171453	20.0	21.6	
98 m-Xylene & p-Xylene	106	9.806	9.806	0.000	92	217114	20.0	22.1	
99 o-Xylene	106	10.440	10.435	0.005	93	201441	20.0	21.5	
101 n-Butyl acrylate	73	10.461	10.461	0.000	97	59406	20.0	20.0	
100 Styrene	104	10.482	10.482	0.000	94	311862	20.0	21.1	
102 Bromoform	173	10.776	10.776	0.000	97	53827	20.0	19.3	
103 Amyl acetate (mixed isomers)	43	10.849	10.849	0.000	92	106124	20.0	16.5	
104 Isopropylbenzene	105	11.038	11.038	0.000	96	471428	20.0	21.5	
$ 105 4-Bromofluorobenzene	174	11.321	11.326	-0.005	90	289411	50.0	49.6	
106 Bromobenzene	156	11.505	11.510	-0.005	95	135713	20.0	21.2	
107 1,1,2,2-Tetrachloroethane	83	11.599	11.599	0.000	91	96436	20.0	21.7	
108 1,2,3-Trichloropropane	110	11.652	11.646	0.006	55	32506	20.0	21.6	
110 N-Propylbenzene	91	11.657	11.662	-0.005	98	593152	20.0	22.1	
109 trans-1,4-Dichloro-2-butene	53	11.694	11.693	0.001	88	22258	20.0	15.4	
111 2-Chlorotoluene	91	11.783	11.783	0.000	96	377135	20.0	21.7	
112 4-Ethyltoluene	105	11.825	11.825	0.000	98	504433	20.0	22.2	
114 1,3,5-Trimethylbenzene	105	11.919	11.919	0.000	90	411763	20.0	22.2	
113 4-Chlorotoluene	91	11.940	11.940	0.000	98	423937	20.0	22.2	
115 Butyl Methacrylate	87	12.087	12.087	0.000	88	105667	20.0	19.7	
116 tert-Butylbenzene	119	12.296	12.296	0.000	90	353844	20.0	21.7	
117 1,2,4-Trimethylbenzene	105	12.375	12.375	0.000	98	427769	20.0	22.5	
118 sec-Butylbenzene	105	12.559	12.559	0.000	98	482304	20.0	21.8	
119 1,3-Dichlorobenzene	146	12.690	12.690	0.000	95	234647	20.0	21.5	
122 4-Isopropyltoluene	119	12.732	12.732	0.000	88	417892	20.0	21.8	
* 120 1,4-Dichlorobenzene-d4	152	12.774	12.774	0.000	95	367074	50.0	50.0	
121 1,4-Dichlorobenzene	146	12.800	12.800	0.000	94	231402	20.0	21.1	
123 1,2,3-Trimethylbenzene	105	12.842	12.842	0.000	98	421597	20.0	22.6	
124 Benzyl chloride	91	12.957	12.957	0.000	99	108073	20.0	14.1	
125 2,3-Dihydroindene	117	13.041	13.041	0.000	90	368396	20.0	22.6	
127 p-Diethylbenzene	119	13.135	13.135	0.000	92	243529	20.0	22.2	
128 n-Butylbenzene	92	13.156	13.156	0.000	97	193381	20.0	21.4	
126 1,2-Dichlorobenzene	146	13.183	13.183	0.001	95	205983	20.0	21.6	
130 1,2,4,5-Tetramethylbenzene	119	13.880	13.880	0.000	97	328349	20.0	20.7	
129 1,2-Dibromo-3-Chloropropane	157	13.943	13.943	0.000	94	16421	20.0	20.7	
131 1,3,5-Trichlorobenzene	180	14.090	14.090	0.000	94	136362	20.0	20.1	
132 1,2,4-Trichlorobenzene	180	14.624	14.624	0.000	93	100597	20.0	19.1	
133 Hexachlorobutadiene	225	14.735	14.734	0.001	79	55657	20.0	18.9	
134 Naphthalene	128	14.818	14.818	0.000	99	225341	20.0	21.9	
135 1,2,3-Trichlorobenzene	180	15.018	15.012	0.006	94	78110	20.0	19.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	43.6	
S 140 Total BTEX	1				0		100.0	107.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00216	Amount Added:	20.00	Units: uL	
GASES Li_00674	Amount Added:	20.00	Units: uL	
ACROLEIN W_00192	Amount Added:	4.00	Units: uL	
524FREONS_00047	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00084	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 17-Dec-2025 06:39:08 Chrom Revision: 2.3 11-Dec-2025 15:42:56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695711.D

Injection Date: 16-Dec-2025 16:39:12 Instrument ID: CVOAMS15

Lims ID: 460-341362-A-1 MSD

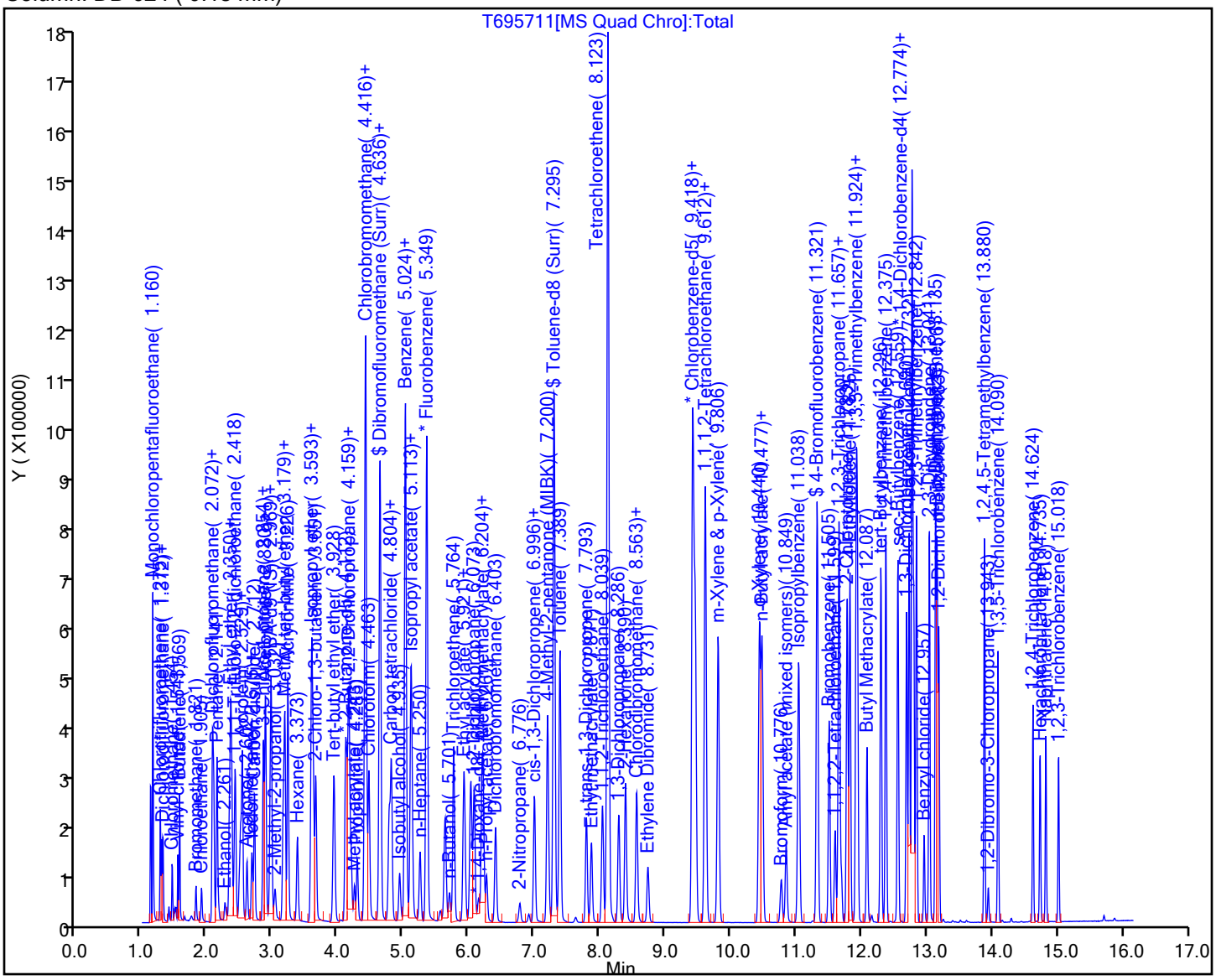
Client ID: MW-7_20251211

Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\T695711.D
Lims ID: 460-341362-A-1 MSD
Client ID: MW-7_20251211
Sample Type: MSD
Inject. Date: 16-Dec-2025 16:39:12 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-341362-A-1 MSD
Misc. Info.: 460-0200558-029
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20251216-200558.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Dec-2025 06:38:35 Calib Date: 10-Nov-2025 13:08:24
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20251110-199009.b\T694813.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1687

First Level Reviewer: FK2C Date: 17-Dec-2025 06:38:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	50.5	100.93
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	53.7	107.37
$ 83 Toluene-d8 (Surr)	50.0	53.0	105.98
$ 105 4-Bromofluorobenzene	50.0	49.6	99.12

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 11/10/2025 07:19

Analysis Batch Number: 1073610 End Date: 11/10/2025 16:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-1073610/1		11/10/2025 07:19	1	T694798.D	DB-624 0.18(mm)
STD9 460-1073610/3 IC		11/10/2025 08:05	1	T694800.D	DB-624 0.18(mm)
STD8 460-1073610/4 IC		11/10/2025 08:28	1	T694801.D	DB-624 0.18(mm)
STD05 460-1073610/5 IC		11/10/2025 08:51	1	T694802.D	DB-624 0.18(mm)
STD5 460-1073610/7 IC		11/10/2025 09:38	1	T694804.D	DB-624 0.18(mm)
STD20 460-1073610/8 ICIS		11/10/2025 10:01	1	T694805.D	DB-624 0.18(mm)
STD50 460-1073610/9 IC		11/10/2025 10:25	1	T694806.D	DB-624 0.18(mm)
STD200 460-1073610/10 IC		11/10/2025 10:48	1	T694807.D	DB-624 0.18(mm)
STD500 460-1073610/11 IC		11/10/2025 11:12	1	T694808.D	DB-624 0.18(mm)
STD1 460-1073610/16 IC		11/10/2025 13:08	1	T694813.D	DB-624 0.18(mm)
ICV 460-1073610/18		11/10/2025 14:18	1	T694815.D	DB-624 0.18(mm)
ZZZZZ (Client)		11/10/2025 15:05	1		DB-624 0.18(mm)
ZZZZZ (QC)		11/10/2025 15:28	1		DB-624 0.18(mm)
ZZZZZ (QC)		11/10/2025 15:52	1		DB-624 0.18(mm)
ZZZZZ (QC)		11/10/2025 15:52	1		DB-624 0.18(mm)
ZZZZZ (QC)		11/10/2025 16:15	1		DB-624 0.18(mm)
ZZZZZ (QC)		11/10/2025 16:15	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 12/16/2025 06:32

Analysis Batch Number: 1080639 End Date: 12/16/2025 16:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1080639/3		12/16/2025 06:32	1	T695685.D	DB-624 0.18(mm)
LCS 460-1080639/4		12/16/2025 06:56	1	T695686.D	DB-624 0.18(mm)
LCSD 460-1080639/5		12/16/2025 07:19	1	T695687.D	DB-624 0.18(mm)
MB 460-1080639/8		12/16/2025 08:29	1	T695690.D	DB-624 0.18(mm)
460-341362-5	FB-1_20251211	12/16/2025 08:52	1	T695691.D	DB-624 0.18(mm)
460-341362-6	TB-1 Blank	12/16/2025 09:16	1	T695692.D	DB-624 0.18(mm)
ZZZZZ (Client)		12/16/2025 09:39	1		DB-624 0.18(mm)
460-341362-1	MW-7_20251211	12/16/2025 10:02	1	T695694.D	DB-624 0.18(mm)
460-341362-2	MW-6_20251211	12/16/2025 10:26	1	T695695.D	DB-624 0.18(mm)
460-341362-3	MW-8_20251211	12/16/2025 10:49	1	T695696.D	DB-624 0.18(mm)
460-341362-4	DUP-1_20251211	12/16/2025 11:12	1	T695697.D	DB-624 0.18(mm)
ZZZZZ (Client)		12/16/2025 11:35	1		DB-624 0.18(mm)
ZZZZZ (Client)		12/16/2025 11:59	1		DB-624 0.18(mm)
ZZZZZ (Client)		12/16/2025 12:22	1		DB-624 0.18(mm)
ZZZZZ (Client)		12/16/2025 12:45	1		DB-624 0.18(mm)
ZZZZZ (Client)		12/16/2025 13:09	1		DB-624 0.18(mm)
ZZZZZ (Client)		12/16/2025 13:56	1		DB-624 0.18(mm)
ZZZZZ (Client)		12/16/2025 14:19	1		DB-624 0.18(mm)
ZZZZZ (Client)		12/16/2025 14:42	1		DB-624 0.18(mm)
460-341362-1 MS	MW-7_20251211 MS	12/16/2025 16:15	1	T695710.D	DB-624 0.18(mm)
460-341362-1 MSD	MW-7_20251211 MSD	12/16/2025 16:39	1	T695711.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Batch Number: 1073610 Batch Start Date: 11/10/25 07:19 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00190	524FREONS 00044	7 Freons Hi 00033	7 Freons SS 00034
BFB 460-1073610/1		8260D			5 mL	5 mL				
STD9 460-1073610/3 IC		8260D			5 mL	5 mL				
STD8 460-1073610/4 IC		8260D			5 mL	5 mL				
STD05 460-1073610/5 IC		8260D			5 mL	5 mL	15 uL	5 uL		
STD5 460-1073610/7 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-1073610/8 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-1073610/9 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-1073610/10 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-1073610/11 IC		8260D			5 mL	5 mL			50 uL	
STD1 460-1073610/16 IC		8260D			5 mL	5 mL	30 uL	10 uL		
ICV 460-1073610/18		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00200	8260MIX1COMB 00214	ACROLEIN SP 00183	ACROLEIN W 00189	ACRY/EPIH MIX 00144	BFB 00040
BFB 460-1073610/1		8260D								1 uL
STD9 460-1073610/3 IC		8260D				2 uL				
STD8 460-1073610/4 IC		8260D							20 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Batch Number: 1073610 Batch Start Date: 11/10/25 07:19 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00200	8260MIX1COMB 00214	ACROLEIN SP 00183	ACROLEIN W 00189	ACRY/EPIH MIX 00144	BFB 00040
STD05 460-1073610/5 IC		8260D				5 uL		2 uL		
STD5 460-1073610/7 IC		8260D				10 uL		4 uL		
STD20 460-1073610/8 ICIS		8260D				20 uL		4 uL		
STD50 460-1073610/9 IC		8260D				50 uL		10 uL		
STD200 460-1073610/10 IC		8260D						20 uL		
STD500 460-1073610/11 IC		8260D						40 uL		
STD1 460-1073610/16 IC		8260D				10 uL		4 uL		
ICV 460-1073610/18		8260D			20 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00107	GAS C SP 00647	GAS Hi 00510	GASES Li 00669	MIX 2 Hi 00167	MIX I Hi 00194
BFB 460-1073610/1		8260D								
STD9 460-1073610/3 IC		8260D								
STD8 460-1073610/4 IC		8260D						2.5 uL		
STD05 460-1073610/5 IC		8260D						5 uL		
STD5 460-1073610/7 IC		8260D						10 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Batch Number: 1073610 Batch Start Date: 11/10/25 07:19 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00107	GAS C SP 00647	GAS Hi 00510	GASES Li 00669	MIX 2 Hi 00167	MIX I Hi 00194
STD20 460-1073610/8 ICIS		8260D						20 uL		
STD50 460-1073610/9 IC		8260D						50 uL		
STD200 460-1073610/10 IC		8260D			20 uL		20 uL		20 uL	20 uL
STD500 460-1073610/11 IC		8260D			50 uL		50 uL		50 uL	50 uL
STD1 460-1073610/16 IC		8260D						10 uL		
ICV 460-1073610/18		8260D				20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00083					
BFB 460-1073610/1		8260D								
STD9 460-1073610/3 IC		8260D			5 uL					
STD8 460-1073610/4 IC		8260D			5 uL					
STD05 460-1073610/5 IC		8260D			5 uL					
STD5 460-1073610/7 IC		8260D			5 uL					
STD20 460-1073610/8 ICIS		8260D			5 uL					
STD50 460-1073610/9 IC		8260D			5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Batch Number: 1073610 Batch Start Date: 11/10/25 07:19 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00083					
STD200 460-1073610/10 IC		8260D			5 uL					
STD500 460-1073610/11 IC		8260D			5 uL					
STD1 460-1073610/16 IC		8260D			5 uL					
ICV 460-1073610/18		8260D			5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Batch Number: 1080639 Batch Start Date: 12/16/25 06:32 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00047	8260MIX1COMB 00216	ACROLEIN W 00192
CCVIS 460-1080639/3		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-1080639/4		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-1080639/5		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-1080639/8		8260D			5 mL	5 mL				
460-341362-A-5	FB-1_20251211	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-341362-A-6	TB-1 Blank	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-341362-A-1	MW-7_20251211	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-341362-A-2	MW-6_20251211	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-341362-A-3	MW-8_20251211	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-341362-A-4	DUP-1_20251211	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-341362-A-1 MS	MW-7_20251211	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-341362-A-1 MSD	MW-7_20251211	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00674	VOA6IS/SURR 00084				
CCVIS 460-1080639/3		8260D			20 uL	5 uL				
LCS 460-1080639/4		8260D			20 uL	5 uL				
LCSD 460-1080639/5		8260D			20 uL	5 uL				
MB 460-1080639/8		8260D				5 uL				
460-341362-A-5	FB-1_20251211	8260D	Water	T		5 uL				
460-341362-A-6	TB-1 Blank	8260D	Water	T		5 uL				
460-341362-A-1	MW-7_20251211	8260D	Water	T		5 uL				
460-341362-A-2	MW-6_20251211	8260D	Water	T		5 uL				
460-341362-A-3	MW-8_20251211	8260D	Water	T		5 uL				
460-341362-A-4	DUP-1_20251211	8260D	Water	T		5 uL				
460-341362-A-1 MS	MW-7_20251211	8260D	Water	T	20 uL	5 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-341362-1

SDG No.:

Batch Number: 1080639 Batch Start Date: 12/16/25 06:32 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00674	VOA6IS/SURR 00084				
460-341362-A-1 MSD	MW-7_20251211	8260D	Water	T	20 uL	5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

ddress. _____

Chain of Custody Record 745770

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Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: M Levy	Site Contact: M Forslax	Date: 12/11/25	COC No: 1 of 1 COCs
Company Name: HTA of NY	Tel/Email:	Lab Contact:	Carrier:	Sampler:
Address: 275 W 39th St 7Fl	Analysis Turnaround Time			For Lab Use Only:
City/State/Zip: New York NY	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
Phone: MForslax@htaofny.com	TAT if different from Below _____			Lab Sampling
Fax: MLevy@htaofny.com	☒ 2 weeks			
Project Name: 185 Atlantic Ave	☐ 1 week			Job / SDG No.
Site:	☐ 2 days			
PO# 205125-002-001-05	☐ 1 day			341362

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	Sample Specific Notes:
MW-7_20251211	12/11/25	1135		GW	9	N	Y	X	MS/MSD vol.
MW-6_20251211	12/11/25	1400		GW	3	N	N	X	
MW-8_20251211	12/11/25	1305		GW	3	N	N	X	
DUP-1_20251211	12/11/25	1310		GW	3	N	N	X	
EB-1_20251211	12/11/25	1410		GW	2	N	N	X	
TRIP Blank				TB	2	N	N	X	

460-341362 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H_2SO_4, 4=HNO_3, 5=NaOH, 6= Other _____

Possible Hazard Identification.
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammabl ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Omar Colon	HTA of NY	12/11/25			12/11/25 @ 444
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
		12/11/25		EET	12/11/25 1730
	Company: EET 12/11/25	Date/Time: 1915	Received in Laboratory by: Emely/Ralph	Company: ETA	Date/Time: 12/11/25 1915

Job Number: 341362

Eurofins Edison
Receipt Temperature and pH Log

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.4 °C	0.9 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	1,4-Dioxane (pH<4)	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

*Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-038 Rev 5
9/5/2025

Initials MM Date 12/11/25

Login Sample Receipt Checklist

Client: Haley & Aldrich Inc

Job Number: 460-341362-1

Login Number: 341362
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich Inc
213 West 35th Street, 7th Floor
New York NY 10001

Generated 2/5/2026 8:39 AM

JOB DESCRIPTION

1885 Atlantic Avenue, Brooklyn

JOB NUMBER

460-344099-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
2/5/2026 8:39 AM

Authorized for release by
Jill K Miller, Senior Project Manager
Jill.Miller@et.eurofinsus.com
Designee for
Elizabeth J Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
732 549-3900

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Job Narrative
460-344099-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 1/30/2026 6:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C.

Receipt Exceptions
The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): The FB vials have two different times recorded, neither of which match the COC. The vials have sample times of 1135 & 1140. Logged per COC.

GC/MS VOA
Method 8260D: Target analytes were detected in the TB. There was no written field label on the container: TB-01_20260128 (460-344099-6)

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1088584 was outside the method criteria for the following analytes: 2-Hexanone (biased low), Dichlorodifluoromethane, 1,1,2-Trichloro-1,2,2-trifluoroethane and Trichlorofluoromethane (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1088584 recovered outside control limits for the following analytes: 2-Hexanone (biased low) and Dichlorodifluoromethane (biased high). These analytes were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Haley & Aldrich Inc
Job ID: 460-344099-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-344099-1	MW-8_20260128	Water	01/28/26 16:45	01/30/26 18:15	New York
460-344099-2	MW-7_20260128	Water	01/28/26 13:52	01/30/26 18:15	New York
460-344099-3	MW-6_20260128	Water	01/28/26 12:55	01/30/26 18:15	New York
460-344099-4	DUP-01_20260128	Water	01/28/26 13:57	01/30/26 18:15	New York
460-344099-5	FB-01_20260128	Water	01/28/26 14:45	01/30/26 18:15	New York
460-344099-6	TB-01_20260128	Water	01/28/26 15:45	01/30/26 18:15	New York

Detection Summary

Client: Haley & Aldrich Inc
Job ID: 460-344099-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: MW-8_20260128 — Lab Sample ID: 460-344099-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	3.8		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: MW-7_20260128 — Lab Sample ID: 460-344099-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.74	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	91		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.63		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: MW-6_20260128 — Lab Sample ID: 460-344099-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.63	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	95		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.61		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-01_20260128 — Lab Sample ID: 460-344099-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.69	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	87		0.40	0.28	ug/L	1		8260D	Total/NA
Trichloroethene	0.66		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: FB-01_20260128 — Lab Sample ID: 460-344099-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.2		1.0	0.65	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	1.2		1.0	0.30	ug/L	1		8260D	Total/NA
o-Xylene	0.36	J	1.0	0.36	ug/L	1		8260D	Total/NA
Xylenes, Total	1.6	J	2.0	0.65	ug/L	1		8260D	Total/NA

Client Sample ID: TB-01_20260128 — Lab Sample ID: 460-344099-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.86	J	1.0	0.37	ug/L	1		8260D	Total/NA
Acetone	24		5.0	4.4	ug/L	1		8260D	Total/NA
Ethylbenzene	3.2		1.0	0.30	ug/L	1		8260D	Total/NA
Methyl acetate	3.7	J	5.0	0.79	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	14		1.0	0.30	ug/L	1		8260D	Total/NA
o-Xylene	5.8		1.0	0.36	ug/L	1		8260D	Total/NA
Xylenes, Total	20		2.0	0.65	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Haley & Aldrich Inc
Job ID: 460-344099-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: MW-8_20260128
Date Collected: 01/28/26 16:45
Date Received: 01/30/26 18:15

Lab Sample ID: 460-344099-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/03/26 15:49	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			02/03/26 15:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/03/26 15:49	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			02/03/26 15:49	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/03/26 15:49	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/03/26 15:49	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/03/26 15:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:49	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/03/26 15:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/03/26 15:49	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			02/03/26 15:49	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			02/03/26 15:49	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/03/26 15:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/03/26 15:49	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			02/03/26 15:49	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			02/03/26 15:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/03/26 15:49	1
Acetone	5.0	U	5.0	4.4	ug/L			02/03/26 15:49	1
Benzene	0.45	U	0.45	0.070	ug/L			02/03/26 15:49	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/03/26 15:49	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/03/26 15:49	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/03/26 15:49	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/03/26 15:49	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/03/26 15:49	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/03/26 15:49	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			02/03/26 15:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/03/26 15:49	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/03/26 15:49	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/03/26 15:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			02/03/26 15:49	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			02/03/26 15:49	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/03/26 15:49	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			02/03/26 15:49	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			02/03/26 15:49	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/03/26 15:49	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/03/26 15:49	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:49	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/03/26 15:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/03/26 15:49	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/03/26 15:49	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			02/03/26 15:49	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/03/26 15:49	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 15:49	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 15:49	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/03/26 15:49	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:49	1
Styrene	1.0	U	1.0	0.42	ug/L			02/03/26 15:49	1

Client Sample ID: MW-8_20260128
Lab Sample ID: 460-344099-1

Date Collected: 01/28/26 16:45
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:49	1
Tetrachloroethene	**3.8**		0.40	0.28	ug/L			02/03/26 15:49	1
Toluene	1.0	U	1.0	0.38	ug/L			02/03/26 15:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/03/26 15:49	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			02/03/26 15:49	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			02/03/26 15:49	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/03/26 15:49	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			02/03/26 15:49	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/03/26 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*		*02/03/26 15:49*	*1*
4-Bromofluorobenzene	*108*		*76 - 120*		*02/03/26 15:49*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*02/03/26 15:49*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*02/03/26 15:49*	*1*

Client Sample ID: MW-7_20260128
Lab Sample ID: 460-344099-2

Date Collected: 01/28/26 13:52
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/03/26 15:28	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			02/03/26 15:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/03/26 15:28	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			02/03/26 15:28	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/03/26 15:28	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/03/26 15:28	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/03/26 15:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:28	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:28	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/03/26 15:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/03/26 15:28	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			02/03/26 15:28	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			02/03/26 15:28	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/03/26 15:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/03/26 15:28	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			02/03/26 15:28	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			02/03/26 15:28	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/03/26 15:28	1
Acetone	5.0	U	5.0	4.4	ug/L			02/03/26 15:28	1
Benzene	0.45	U	0.45	0.070	ug/L			02/03/26 15:28	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/03/26 15:28	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/03/26 15:28	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/03/26 15:28	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/03/26 15:28	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/03/26 15:28	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/03/26 15:28	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			02/03/26 15:28	1

Client Sample ID: MW-7_20260128
Lab Sample ID: 460-344099-2

Date Collected: 01/28/26 13:52
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.32	ug/L			02/03/26 15:28	1
Chloroform	**0.74**	**J**	1.0	0.33	ug/L			02/03/26 15:28	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/03/26 15:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			02/03/26 15:28	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			02/03/26 15:28	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/03/26 15:28	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			02/03/26 15:28	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			02/03/26 15:28	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/03/26 15:28	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/03/26 15:28	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:28	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/03/26 15:28	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/03/26 15:28	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/03/26 15:28	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			02/03/26 15:28	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/03/26 15:28	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 15:28	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 15:28	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/03/26 15:28	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:28	1
Styrene	1.0	U	1.0	0.42	ug/L			02/03/26 15:28	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:28	1
Tetrachloroethene	**91**		0.40	0.28	ug/L			02/03/26 15:28	1
Toluene	1.0	U	1.0	0.38	ug/L			02/03/26 15:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/03/26 15:28	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			02/03/26 15:28	1
Trichloroethene	**0.63**		0.28	0.074	ug/L			02/03/26 15:28	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/03/26 15:28	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			02/03/26 15:28	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/03/26 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 128*		*02/03/26 15:28*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*02/03/26 15:28*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*02/03/26 15:28*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*02/03/26 15:28*	*1*

Client Sample ID: MW-6_20260128
Lab Sample ID: 460-344099-3

Date Collected: 01/28/26 12:55
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/03/26 16:10	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			02/03/26 16:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/03/26 16:10	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			02/03/26 16:10	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/03/26 16:10	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/03/26 16:10	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/03/26 16:10	1

Client Sample ID: MW-6_20260128
Lab Sample ID: 460-344099-3

Date Collected: 01/28/26 12:55
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/03/26 16:10	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 16:10	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/03/26 16:10	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/03/26 16:10	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			02/03/26 16:10	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			02/03/26 16:10	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/03/26 16:10	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/03/26 16:10	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/03/26 16:10	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			02/03/26 16:10	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			02/03/26 16:10	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/03/26 16:10	1
Acetone	5.0	U	5.0	4.4	ug/L			02/03/26 16:10	1
Benzene	0.45	U	0.45	0.070	ug/L			02/03/26 16:10	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/03/26 16:10	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/03/26 16:10	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/03/26 16:10	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/03/26 16:10	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/03/26 16:10	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/03/26 16:10	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			02/03/26 16:10	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/03/26 16:10	1
Chloroform	**0.63**	**J**	1.0	0.33	ug/L			02/03/26 16:10	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/03/26 16:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			02/03/26 16:10	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			02/03/26 16:10	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/03/26 16:10	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			02/03/26 16:10	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			02/03/26 16:10	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/03/26 16:10	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/03/26 16:10	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 16:10	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/03/26 16:10	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/03/26 16:10	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/03/26 16:10	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			02/03/26 16:10	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/03/26 16:10	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 16:10	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 16:10	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/03/26 16:10	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 16:10	1
Styrene	1.0	U	1.0	0.42	ug/L			02/03/26 16:10	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 16:10	1
Tetrachloroethene	**95**		0.40	0.28	ug/L			02/03/26 16:10	1
Toluene	1.0	U	1.0	0.38	ug/L			02/03/26 16:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/03/26 16:10	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			02/03/26 16:10	1
Trichloroethene	**0.61**		0.28	0.074	ug/L			02/03/26 16:10	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/03/26 16:10	1

Client Sample ID: MW-6_20260128
Lab Sample ID: 460-344099-3

Date Collected: 01/28/26 12:55
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.40	ug/L			02/03/26 16:10	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/03/26 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*		*02/03/26 16:10*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*02/03/26 16:10*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 132*		*02/03/26 16:10*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*02/03/26 16:10*	*1*

Client Sample ID: DUP-01_20260128
Lab Sample ID: 460-344099-4

Date Collected: 01/28/26 13:57
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/03/26 16:31	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			02/03/26 16:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/03/26 16:31	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			02/03/26 16:31	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/03/26 16:31	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/03/26 16:31	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/03/26 16:31	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/03/26 16:31	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 16:31	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/03/26 16:31	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/03/26 16:31	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			02/03/26 16:31	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			02/03/26 16:31	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/03/26 16:31	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/03/26 16:31	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/03/26 16:31	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			02/03/26 16:31	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			02/03/26 16:31	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/03/26 16:31	1
Acetone	5.0	U	5.0	4.4	ug/L			02/03/26 16:31	1
Benzene	0.45	U	0.45	0.070	ug/L			02/03/26 16:31	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/03/26 16:31	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/03/26 16:31	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/03/26 16:31	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/03/26 16:31	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/03/26 16:31	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/03/26 16:31	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			02/03/26 16:31	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/03/26 16:31	1
Chloroform	**0.69**	**J**	1.0	0.33	ug/L			02/03/26 16:31	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/03/26 16:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			02/03/26 16:31	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			02/03/26 16:31	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/03/26 16:31	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			02/03/26 16:31	1

Client Sample ID: DUP-01_20260128
Lab Sample ID: 460-344099-4
Date Collected: 01/28/26 13:57
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			02/03/26 16:31	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/03/26 16:31	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/03/26 16:31	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 16:31	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/03/26 16:31	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/03/26 16:31	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/03/26 16:31	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			02/03/26 16:31	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/03/26 16:31	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 16:31	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 16:31	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/03/26 16:31	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 16:31	1
Styrene	1.0	U	1.0	0.42	ug/L			02/03/26 16:31	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 16:31	1
Tetrachloroethene	**87**		0.40	0.28	ug/L			02/03/26 16:31	1
Toluene	1.0	U	1.0	0.38	ug/L			02/03/26 16:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/03/26 16:31	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			02/03/26 16:31	1
Trichloroethene	**0.66**		0.28	0.074	ug/L			02/03/26 16:31	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/03/26 16:31	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			02/03/26 16:31	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/03/26 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*		*02/03/26 16:31*	*1*
4-Bromofluorobenzene	*108*		*76 - 120*		*02/03/26 16:31*	*1*
Dibromofluoromethane (Surr)	*108*		*77 - 132*		*02/03/26 16:31*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*02/03/26 16:31*	*1*

Client Sample ID: FB-01_20260128
Lab Sample ID: 460-344099-5
Date Collected: 01/28/26 14:45
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/03/26 14:46	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			02/03/26 14:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/03/26 14:46	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			02/03/26 14:46	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/03/26 14:46	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/03/26 14:46	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/03/26 14:46	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/03/26 14:46	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 14:46	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/03/26 14:46	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/03/26 14:46	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			02/03/26 14:46	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			02/03/26 14:46	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/03/26 14:46	1

Client Sample ID: FB-01_20260128
Lab Sample ID: 460-344099-5

Date Collected: 01/28/26 14:45
Matrix: Water
Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/03/26 14:46	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/03/26 14:46	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			02/03/26 14:46	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			02/03/26 14:46	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/03/26 14:46	1
Acetone	5.0	U	5.0	4.4	ug/L			02/03/26 14:46	1
Benzene	0.45	U	0.45	0.070	ug/L			02/03/26 14:46	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/03/26 14:46	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/03/26 14:46	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/03/26 14:46	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/03/26 14:46	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/03/26 14:46	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/03/26 14:46	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			02/03/26 14:46	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/03/26 14:46	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/03/26 14:46	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/03/26 14:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			02/03/26 14:46	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			02/03/26 14:46	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/03/26 14:46	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			02/03/26 14:46	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			02/03/26 14:46	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/03/26 14:46	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/03/26 14:46	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 14:46	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/03/26 14:46	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/03/26 14:46	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/03/26 14:46	1
Methylene Chloride	**1.2**		1.0	0.65	ug/L			02/03/26 14:46	1
m-Xylene & p-Xylene	**1.2**		1.0	0.30	ug/L			02/03/26 14:46	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 14:46	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 14:46	1
o-Xylene	**0.36**	**J**	1.0	0.36	ug/L			02/03/26 14:46	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 14:46	1
Styrene	1.0	U	1.0	0.42	ug/L			02/03/26 14:46	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 14:46	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			02/03/26 14:46	1
Toluene	1.0	U	1.0	0.38	ug/L			02/03/26 14:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/03/26 14:46	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			02/03/26 14:46	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			02/03/26 14:46	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/03/26 14:46	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			02/03/26 14:46	1
Xylenes, Total	**1.6**	**J**	2.0	0.65	ug/L			02/03/26 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*		*02/03/26 14:46*	*1*
4-Bromofluorobenzene	*101*		*76 - 120*		*02/03/26 14:46*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*02/03/26 14:46*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*02/03/26 14:46*	*1*

Client Sample ID: TB-01_20260128
Lab Sample ID: 460-344099-6

Date Collected: 01/28/26 15:45
Matrix: Water

Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/03/26 15:07	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			02/03/26 15:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/03/26 15:07	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			02/03/26 15:07	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/03/26 15:07	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/03/26 15:07	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/03/26 15:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:07	1
1,2,4-Trimethylbenzene	**0.86**	**J**	1.0	0.37	ug/L			02/03/26 15:07	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/03/26 15:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/03/26 15:07	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			02/03/26 15:07	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			02/03/26 15:07	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/03/26 15:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/03/26 15:07	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			02/03/26 15:07	1
2-Hexanone	5.0	U *	5.0	1.1	ug/L			02/03/26 15:07	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/03/26 15:07	1
Acetone	**24**		5.0	4.4	ug/L			02/03/26 15:07	1
Benzene	0.45	U	0.45	0.070	ug/L			02/03/26 15:07	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/03/26 15:07	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/03/26 15:07	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/03/26 15:07	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/03/26 15:07	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/03/26 15:07	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/03/26 15:07	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			02/03/26 15:07	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/03/26 15:07	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/03/26 15:07	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/03/26 15:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			02/03/26 15:07	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			02/03/26 15:07	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/03/26 15:07	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			02/03/26 15:07	1
Dichlorodifluoromethane	1.0	U *	1.0	0.31	ug/L			02/03/26 15:07	1
Ethylbenzene	**3.2**		1.0	0.30	ug/L			02/03/26 15:07	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/03/26 15:07	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:07	1
Methyl acetate	**3.7**	**J**	5.0	0.79	ug/L			02/03/26 15:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/03/26 15:07	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/03/26 15:07	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			02/03/26 15:07	1
m-Xylene & p-Xylene	**14**		1.0	0.30	ug/L			02/03/26 15:07	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 15:07	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 15:07	1
o-Xylene	**5.8**		1.0	0.36	ug/L			02/03/26 15:07	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 15:07	1
Styrene	1.0	U	1.0	0.42	ug/L			02/03/26 15:07	1

Client Sample ID: TB-01_20260128
Lab Sample ID: 460-344099-6

Date Collected: 01/28/26 15:45
Matrix: Water

Date Received: 01/30/26 18:15

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 15:07	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			02/03/26 15:07	1
Toluene	1.0	U	1.0	0.38	ug/L			02/03/26 15:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/03/26 15:07	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			02/03/26 15:07	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			02/03/26 15:07	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/03/26 15:07	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			02/03/26 15:07	1
Xylenes, Total	**20**		2.0	0.65	ug/L			02/03/26 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 128*		*02/03/26 15:07*	*1*
4-Bromofluorobenzene	*107*		*76 - 120*		*02/03/26 15:07*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*02/03/26 15:07*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*02/03/26 15:07*	*1*

Surrogate Summary

Client: Haley & Aldrich Inc
Project/Site: 1885 Atlantic Avenue, Brooklyn

Job ID: 460-344099-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-344099-1	MW-8_20260128	89	108	107	93
460-344099-2	MW-7_20260128	88	104	104	93
460-344099-2 MS	MW-7_20260128	93	107	109	93
460-344099-2 MSD	MW-7_20260128	92	104	107	93
460-344099-3	MW-6_20260128	86	104	109	93
460-344099-4	DUP-01_20260128	93	108	108	92
460-344099-5	FB-01_20260128	87	101	107	91
460-344099-6	TB-01_20260128	87	107	107	96
LCS 460-1088584/5	Lab Control Sample	93	104	108	94
LCSD 460-1088584/6	Lab Control Sample Dup	93	103	107	92
MB 460-1088584/10	Method Blank	88	103	107	94

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1088584/10
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/03/26 09:55	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			02/03/26 09:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/03/26 09:55	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			02/03/26 09:55	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/03/26 09:55	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/03/26 09:55	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/03/26 09:55	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/03/26 09:55	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 09:55	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/03/26 09:55	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/03/26 09:55	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			02/03/26 09:55	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			02/03/26 09:55	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/03/26 09:55	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/03/26 09:55	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/03/26 09:55	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			02/03/26 09:55	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/03/26 09:55	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/03/26 09:55	1
Acetone	5.0	U	5.0	4.4	ug/L			02/03/26 09:55	1
Benzene	0.45	U	0.45	0.070	ug/L			02/03/26 09:55	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/03/26 09:55	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/03/26 09:55	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/03/26 09:55	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/03/26 09:55	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/03/26 09:55	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/03/26 09:55	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			02/03/26 09:55	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/03/26 09:55	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/03/26 09:55	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/03/26 09:55	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			02/03/26 09:55	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			02/03/26 09:55	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/03/26 09:55	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			02/03/26 09:55	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			02/03/26 09:55	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/03/26 09:55	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/03/26 09:55	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 09:55	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/03/26 09:55	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/03/26 09:55	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/03/26 09:55	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			02/03/26 09:55	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/03/26 09:55	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 09:55	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/03/26 09:55	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/03/26 09:55	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/03/26 09:55	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1088584/10
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			02/03/26 09:55	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/03/26 09:55	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			02/03/26 09:55	1
Toluene	1.0	U	1.0	0.38	ug/L			02/03/26 09:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/03/26 09:55	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			02/03/26 09:55	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			02/03/26 09:55	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/03/26 09:55	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			02/03/26 09:55	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/03/26 09:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 128*		*02/03/26 09:55*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*02/03/26 09:55*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*02/03/26 09:55*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*02/03/26 09:55*	*1*

Lab Sample ID: LCS 460-1088584/5
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.2		ug/L		101	72 - 128
1,1,2,2-Tetrachloroethane	20.0	15.5		ug/L		78	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.6		ug/L		118	65 - 142
1,1,2-Trichloroethane	20.0	18.0		ug/L		90	74 - 125
1,1-Dichloroethane	20.0	16.3		ug/L		81	73 - 130
1,1-Dichloroethene	20.0	19.6		ug/L		98	68 - 133
1,2,3-Trichlorobenzene	20.0	20.5		ug/L		102	55 - 150
1,2,4-Trichlorobenzene	20.0	20.3		ug/L		102	67 - 132
1,2,4-Trimethylbenzene	20.0	17.9		ug/L		89	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.8		ug/L		89	58 - 132
1,2-Dichlorobenzene	20.0	19.5		ug/L		98	80 - 120
1,2-Dichloroethane	20.0	16.1		ug/L		81	66 - 129
1,2-Dichloropropane	20.0	15.5		ug/L		77	72 - 128
1,3,5-Trimethylbenzene	20.0	18.6		ug/L		93	75 - 125
1,3-Dichlorobenzene	20.0	19.5		ug/L		98	80 - 120
1,4-Dichlorobenzene	20.0	19.4		ug/L		97	80 - 120
2-Butanone (MEK)	100	99.8		ug/L		100	65 - 142
2-Hexanone	100	67.1	*	ug/L		67	72 - 134
4-Methyl-2-pentanone (MIBK)	100	98.2		ug/L		98	77 - 130
Acetone	100	97.1		ug/L		97	60 - 133
Benzene	20.0	16.4		ug/L		82	71 - 126
Bromoform	20.0	19.6		ug/L		98	58 - 128
Bromomethane	20.0	20.4		ug/L		102	33 - 150
Carbon disulfide	20.0	17.8		ug/L		89	35 - 150
Carbon tetrachloride	20.0	21.1		ug/L		105	65 - 131
Chlorobenzene	20.0	20.1		ug/L		100	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1088584/5
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	22.0		ug/L		110	71 - 134
Chlorodibromomethane	20.0	19.0		ug/L		95	73 - 121
Chloroethane	20.0	17.7		ug/L		88	54 - 150
Chloroform	20.0	18.7		ug/L		93	78 - 125
Chloromethane	20.0	18.8		ug/L		94	43 - 149
cis-1,2-Dichloroethene	20.0	18.5		ug/L		93	78 - 121
cis-1,3-Dichloropropene	20.0	15.8		ug/L		79	74 - 125
Cyclohexane	20.0	20.9		ug/L		104	64 - 142
Dichlorobromomethane	20.0	17.8		ug/L		89	76 - 121
Dichlorodifluoromethane	20.0	31.6	*	ug/L		158	38 - 144
Ethylbenzene	20.0	18.4		ug/L		92	78 - 120
Ethylene Dibromide	20.0	18.8		ug/L		94	79 - 126
Isopropylbenzene	20.0	18.8		ug/L		94	79 - 125
Methyl acetate	40.0	34.9		ug/L		87	50 - 147
Methyl tert-butyl ether	20.0	16.6		ug/L		83	72 - 131
Methylcyclohexane	20.0	20.4		ug/L		102	63 - 138
Methylene Chloride	20.0	17.9		ug/L		90	74 - 127
m-Xylene & p-Xylene	20.0	19.0		ug/L		95	78 - 120
n-Butylbenzene	20.0	17.2		ug/L		86	69 - 135
N-Propylbenzene	20.0	16.9		ug/L		85	68 - 129
o-Xylene	20.0	19.1		ug/L		95	78 - 120
sec-Butylbenzene	20.0	18.5		ug/L		93	77 - 129
Styrene	20.0	17.8		ug/L		89	82 - 127
tert-Butylbenzene	20.0	19.0		ug/L		95	78 - 120
Tetrachloroethene	20.0	20.7		ug/L		104	70 - 127
Toluene	20.0	17.4		ug/L		87	78 - 120
trans-1,2-Dichloroethene	20.0	19.5		ug/L		97	70 - 126
trans-1,3-Dichloropropene	20.0	15.8		ug/L		79	71 - 127
Trichloroethene	20.0	19.5		ug/L		98	73 - 121
Trichlorofluoromethane	20.0	24.0		ug/L		120	62 - 134
Vinyl chloride	20.0	19.3		ug/L		97	55 - 144
Xylenes, Total	40.0	38.1		ug/L		95	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*
4-Bromofluorobenzene	*104*		*76 - 120*
Dibromofluoromethane (Surr)	*108*		*77 - 132*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: LCSD 460-1088584/6
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	72 - 128	4	30
1,1,2,2-Tetrachloroethane	20.0	16.2		ug/L		81	63 - 139	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	25.2		ug/L		126	65 - 142	7	30
1,1,2-Trichloroethane	20.0	17.7		ug/L		89	74 - 125	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1088584/6
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	20.0	17.9		ug/L		90	73 - 130	9	30
1,1-Dichloroethene	20.0	21.3		ug/L		106	68 - 133	8	30
1,2,3-Trichlorobenzene	20.0	22.2		ug/L		111	55 - 150	8	30
1,2,4-Trichlorobenzene	20.0	21.5		ug/L		108	67 - 132	6	30
1,2,4-Trimethylbenzene	20.0	19.0		ug/L		95	75 - 125	6	30
1,2-Dibromo-3-Chloropropane	20.0	18.8		ug/L		94	58 - 132	5	30
1,2-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120	6	30
1,2-Dichloroethane	20.0	17.2		ug/L		86	66 - 129	7	30
1,2-Dichloropropane	20.0	15.8		ug/L		79	72 - 128	2	30
1,3,5-Trimethylbenzene	20.0	19.4		ug/L		97	75 - 125	4	30
1,3-Dichlorobenzene	20.0	20.7		ug/L		103	80 - 120	6	30
1,4-Dichlorobenzene	20.0	21.3		ug/L		107	80 - 120	10	30
2-Butanone (MEK)	100	116		ug/L		116	65 - 142	15	30
2-Hexanone	100	66.8	*	ug/L		67	72 - 134	0	30
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	77 - 130	4	30
Acetone	100	102		ug/L		102	60 - 133	5	30
Benzene	20.0	17.4		ug/L		87	71 - 126	6	30
Bromoform	20.0	20.4		ug/L		102	58 - 128	4	30
Bromomethane	20.0	20.9		ug/L		105	33 - 150	3	30
Carbon disulfide	20.0	19.1		ug/L		95	35 - 150	7	30
Carbon tetrachloride	20.0	22.4		ug/L		112	65 - 131	6	30
Chlorobenzene	20.0	20.7		ug/L		103	80 - 120	3	30
Chlorobromomethane	20.0	23.0		ug/L		115	71 - 134	5	30
Chlorodibromomethane	20.0	20.0		ug/L		100	73 - 121	5	30
Chloroethane	20.0	18.0		ug/L		90	54 - 150	2	30
Chloroform	20.0	19.9		ug/L		100	78 - 125	6	30
Chloromethane	20.0	18.3		ug/L		92	43 - 149	2	30
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	78 - 121	6	30
cis-1,3-Dichloropropene	20.0	16.1		ug/L		81	74 - 125	2	30
Cyclohexane	20.0	22.7		ug/L		113	64 - 142	8	30
Dichlorobromomethane	20.0	18.6		ug/L		93	76 - 121	4	30
Dichlorodifluoromethane	20.0	32.3	*	ug/L		161	38 - 144	2	30
Ethylbenzene	20.0	19.8		ug/L		99	78 - 120	8	30
Ethylene Dibromide	20.0	18.1		ug/L		90	79 - 126	4	30
Isopropylbenzene	20.0	19.6		ug/L		98	79 - 125	4	30
Methyl acetate	40.0	34.0		ug/L		85	50 - 147	2	30
Methyl tert-butyl ether	20.0	17.2		ug/L		86	72 - 131	4	30
Methylcyclohexane	20.0	21.7		ug/L		108	63 - 138	6	30
Methylene Chloride	20.0	19.6		ug/L		98	74 - 127	9	30
m-Xylene & p-Xylene	20.0	20.1		ug/L		101	78 - 120	6	30
n-Butylbenzene	20.0	18.2		ug/L		91	69 - 135	6	30
N-Propylbenzene	20.0	18.0		ug/L		90	68 - 129	6	30
o-Xylene	20.0	20.1		ug/L		100	78 - 120	5	30
sec-Butylbenzene	20.0	20.0		ug/L		100	77 - 129	7	30
Styrene	20.0	17.8		ug/L		89	82 - 127	0	30
tert-Butylbenzene	20.0	19.9		ug/L		99	78 - 120	5	30
Tetrachloroethene	20.0	21.3		ug/L		107	70 - 127	3	30
Toluene	20.0	18.3		ug/L		92	78 - 120	5	30
trans-1,2-Dichloroethene	20.0	20.9		ug/L		104	70 - 126	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1088584/6
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			20.0	16.2		ug/L		81	71 - 127	2	30
Trichloroethene			20.0	19.7		ug/L		99	73 - 121	1	30
Trichlorofluoromethane			20.0	25.1		ug/L		125	62 - 134	5	30
Vinyl chloride			20.0	19.3		ug/L		96	55 - 144	0	30
Xylenes, Total			40.0	40.2		ug/L		100	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*
4-Bromofluorobenzene	*103*		*76 - 120*
Dibromofluoromethane (Surr)	*107*		*77 - 132*
Toluene-d8 (Surr)	*92*		*80 - 120*

Lab Sample ID: 460-344099-2 MS
Matrix: Water
Analysis Batch: 1088584

Client Sample ID: MW-7_20260128
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	19.9		ug/L		99	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	14.8		ug/L		74	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	22.8		ug/L		114	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	18.9		ug/L		95	74 - 125
1,1-Dichloroethane	1.0	U	20.0	16.5		ug/L		82	73 - 130
1,1-Dichloroethene	1.0	U	20.0	20.0		ug/L		100	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	19.7		ug/L		98	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	19.8		ug/L		99	67 - 132
1,2,4-Trimethylbenzene	1.0	U	20.0	17.5		ug/L		88	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	17.1		ug/L		86	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	19.0		ug/L		95	80 - 120
1,2-Dichloroethane	0.30	U	20.0	16.2		ug/L		81	66 - 129
1,2-Dichloropropane	0.92	U	20.0	14.6		ug/L		73	72 - 128
1,3,5-Trimethylbenzene	1.0	U	20.0	18.1		ug/L		90	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	18.7		ug/L		94	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	19.4		ug/L		97	80 - 120
2-Butanone (MEK)	5.0	U	100	97.8		ug/L		98	65 - 142
2-Hexanone	5.0	U *	100	60.8	*	ug/L		61	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	104		ug/L		104	77 - 130
Acetone	5.0	U	100	86.0		ug/L		86	60 - 133
Benzene	0.45	U	20.0	16.4		ug/L		82	71 - 126
Bromoform	1.0	U	20.0	18.9		ug/L		95	58 - 128
Bromomethane	1.0	U	20.0	19.9		ug/L		100	33 - 150
Carbon disulfide	1.0	U	20.0	17.2		ug/L		86	35 - 150
Carbon tetrachloride	1.0	U	20.0	21.4		ug/L		107	65 - 131
Chlorobenzene	1.0	U	20.0	20.0		ug/L		100	80 - 120
Chlorobromomethane	1.0	U	20.0	22.0		ug/L		110	71 - 134
Chlorodibromomethane	0.78	U	20.0	18.4		ug/L		92	73 - 121
Chloroethane	1.0	U	20.0	16.9		ug/L		85	54 - 150
Chloroform	0.74	J	20.0	19.0		ug/L		91	78 - 125
Chloromethane	1.0	U	20.0	16.2		ug/L		81	43 - 149

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-344099-2 MS
Client Sample ID: MW-7_20260128
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1088584

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	1.0	U	20.0	18.8		ug/L		94	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	15.0		ug/L		75	74 - 125
Cyclohexane	1.0	U	20.0	21.3		ug/L		107	64 - 142
Dichlorobromomethane	0.98	U	20.0	17.2		ug/L		86	76 - 121
Dichlorodifluoromethane	1.0	U *	20.0	28.3		ug/L		142	38 - 144
Ethylbenzene	1.0	U	20.0	18.1		ug/L		91	78 - 120
Ethylene Dibromide	1.0	U	20.0	17.3		ug/L		86	79 - 126
Isopropylbenzene	1.0	U	20.0	18.6		ug/L		93	79 - 125
Methyl acetate	5.0	U	40.0	29.0		ug/L		72	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	17.2		ug/L		86	72 - 131
Methylcyclohexane	1.0	U	20.0	20.5		ug/L		103	63 - 138
Methylene Chloride	1.0	U	20.0	18.3		ug/L		92	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	19.0		ug/L		95	78 - 120
n-Butylbenzene	1.0	U	20.0	16.4		ug/L		82	69 - 135
N-Propylbenzene	1.0	U	20.0	16.8		ug/L		84	68 - 129
o-Xylene	1.0	U	20.0	18.6		ug/L		93	78 - 120
sec-Butylbenzene	1.0	U	20.0	18.4		ug/L		92	77 - 129
Styrene	1.0	U	20.0	17.9		ug/L		90	82 - 127
tert-Butylbenzene	1.0	U	20.0	18.4		ug/L		92	78 - 120
Tetrachloroethene	91		20.0	99.1	*	ug/L		43	70 - 127
Toluene	1.0	U	20.0	17.2		ug/L		86	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	19.2		ug/L		96	70 - 126
trans-1,3-Dichloropropene	0.45	U	20.0	15.5		ug/L		78	71 - 127
Trichloroethene	0.63		20.0	19.3		ug/L		93	73 - 121
Trichlorofluoromethane	1.0	U	20.0	23.5		ug/L		118	62 - 134
Vinyl chloride	1.0	U	20.0	17.7		ug/L		89	55 - 144
Xylenes, Total	2.0	U	40.0	37.7		ug/L		94	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*
4-Bromofluorobenzene	*107*		*76 - 120*
Dibromofluoromethane (Surr)	*109*		*77 - 132*
Toluene-d8 (Surr)	*93*		*80 - 120*

Lab Sample ID: 460-344099-2 MSD
Client Sample ID: MW-7_20260128
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1088584

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	20.4		ug/L		102	72 - 128	3	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	15.9		ug/L		80	63 - 139	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	24.2		ug/L		121	65 - 142	6	30
1,1,2-Trichloroethane	0.58	U	20.0	20.0		ug/L		100	74 - 125	5	30
1,1-Dichloroethane	1.0	U	20.0	17.3		ug/L		87	73 - 130	5	30
1,1-Dichloroethene	1.0	U	20.0	20.7		ug/L		103	68 - 133	4	30
1,2,3-Trichlorobenzene	1.0	U	20.0	21.2		ug/L		106	55 - 150	8	30
1,2,4-Trichlorobenzene	1.0	U	20.0	20.8		ug/L		104	67 - 132	5	30
1,2,4-Trimethylbenzene	1.0	U	20.0	18.4		ug/L		92	75 - 125	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-344099-2 MSD
Client Sample ID: MW-7_20260128
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1088584

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	18.8		ug/L		94	58 - 132	9	30
1,2-Dichlorobenzene	1.0	U	20.0	19.3		ug/L		97	80 - 120	2	30
1,2-Dichloroethane	0.30	U	20.0	16.6		ug/L		83	66 - 129	3	30
1,2-Dichloropropane	0.92	U	20.0	15.1		ug/L		75	72 - 128	3	30
1,3,5-Trimethylbenzene	1.0	U	20.0	18.6		ug/L		93	75 - 125	3	30
1,3-Dichlorobenzene	1.0	U	20.0	19.8		ug/L		99	80 - 120	5	30
1,4-Dichlorobenzene	1.0	U	20.0	20.2		ug/L		101	80 - 120	4	30
2-Butanone (MEK)	5.0	U	100	109		ug/L		109	65 - 142	11	30
2-Hexanone	5.0	U *	100	65.4	*	ug/L		65	72 - 134	7	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	105		ug/L		105	77 - 130	1	30
Acetone	5.0	U	100	84.8		ug/L		85	60 - 133	1	30
Benzene	0.45	U	20.0	17.0		ug/L		85	71 - 126	4	30
Bromoform	1.0	U	20.0	19.9		ug/L		99	58 - 128	5	30
Bromomethane	1.0	U	20.0	20.0		ug/L		100	33 - 150	0	30
Carbon disulfide	1.0	U	20.0	17.4		ug/L		87	35 - 150	1	30
Carbon tetrachloride	1.0	U	20.0	21.6		ug/L		108	65 - 131	1	30
Chlorobenzene	1.0	U	20.0	20.0		ug/L		100	80 - 120	0	30
Chlorobromomethane	1.0	U	20.0	22.6		ug/L		113	71 - 134	2	30
Chlorodibromomethane	0.78	U	20.0	19.3		ug/L		97	73 - 121	5	30
Chloroethane	1.0	U	20.0	17.5		ug/L		88	54 - 150	4	30
Chloroform	0.74	J	20.0	19.7		ug/L		95	78 - 125	4	30
Chloromethane	1.0	U	20.0	16.7		ug/L		84	43 - 149	3	30
cis-1,2-Dichloroethene	1.0	U	20.0	19.5		ug/L		98	78 - 121	4	30
cis-1,3-Dichloropropene	0.45	U	20.0	15.3		ug/L		76	74 - 125	1	30
Cyclohexane	1.0	U	20.0	21.5		ug/L		107	64 - 142	1	30
Dichlorobromomethane	0.98	U	20.0	18.0		ug/L		90	76 - 121	4	30
Dichlorodifluoromethane	1.0	U *	20.0	28.5		ug/L		143	38 - 144	1	30
Ethylbenzene	1.0	U	20.0	18.8		ug/L		94	78 - 120	4	30
Ethylene Dibromide	1.0	U	20.0	17.8		ug/L		89	79 - 126	3	30
Isopropylbenzene	1.0	U	20.0	19.3		ug/L		97	79 - 125	4	30
Methyl acetate	5.0	U	40.0	32.9		ug/L		82	50 - 147	13	30
Methyl tert-butyl ether	1.0	U	20.0	17.4		ug/L		87	72 - 131	1	30
Methylcyclohexane	1.0	U	20.0	21.0		ug/L		105	63 - 138	2	30
Methylene Chloride	1.0	U	20.0	18.2		ug/L		91	74 - 127	1	30
m-Xylene & p-Xylene	1.0	U	20.0	19.2		ug/L		96	78 - 120	1	30
n-Butylbenzene	1.0	U	20.0	17.3		ug/L		87	69 - 135	5	30
N-Propylbenzene	1.0	U	20.0	17.6		ug/L		88	68 - 129	4	30
o-Xylene	1.0	U	20.0	18.9		ug/L		94	78 - 120	1	30
sec-Butylbenzene	1.0	U	20.0	18.8		ug/L		94	77 - 129	2	30
Styrene	1.0	U	20.0	18.0		ug/L		90	82 - 127	0	30
tert-Butylbenzene	1.0	U	20.0	19.0		ug/L		95	78 - 120	3	30
Tetrachloroethene	91		20.0	100	*	ug/L		49	70 - 127	1	30
Toluene	1.0	U	20.0	17.8		ug/L		89	78 - 120	3	30
trans-1,2-Dichloroethene	1.0	U	20.0	19.5		ug/L		97	70 - 126	1	30
trans-1,3-Dichloropropene	0.45	U	20.0	15.2		ug/L		76	71 - 127	2	30
Trichloroethene	0.63		20.0	19.7		ug/L		95	73 - 121	2	30
Trichlorofluoromethane	1.0	U	20.0	24.3		ug/L		121	62 - 134	3	30
Vinyl chloride	1.0	U	20.0	18.0		ug/L		90	55 - 144	2	30
Xylenes, Total	2.0	U	40.0	38.1		ug/L		95	80 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 128
4-Bromofluorobenzene	104		76 - 120
Dibromofluoromethane (Surr)	107		77 - 132
Toluene-d8 (Surr)	93		80 - 120

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Haley & Aldrich Inc
Job ID: 460-344099-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

GC/MS VOA

Analysis Batch: 1088584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-344099-1	MW-8_20260128	Total/NA	Water	8260D	
460-344099-2	MW-7_20260128	Total/NA	Water	8260D	
460-344099-3	MW-6_20260128	Total/NA	Water	8260D	
460-344099-4	DUP-01_20260128	Total/NA	Water	8260D	
460-344099-5	FB-01_20260128	Total/NA	Water	8260D	
460-344099-6	TB-01_20260128	Total/NA	Water	8260D	
MB 460-1088584/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1088584/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1088584/6	Lab Control Sample Dup	Total/NA	Water	8260D	
460-344099-2 MS	MW-7_20260128	Total/NA	Water	8260D	
460-344099-2 MSD	MW-7_20260128	Total/NA	Water	8260D	

Lab Chronicle

Client: Haley & Aldrich Inc
Job ID: 460-344099-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Client Sample ID: MW-8_20260128
Lab Sample ID: 460-344099-1
Date Collected: 01/28/26 16:45
Matrix: Water
Date Received: 01/30/26 18:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1088584	CJM	EET EDI	02/03/26 15:49

Client Sample ID: MW-7_20260128
Lab Sample ID: 460-344099-2
Date Collected: 01/28/26 13:52
Matrix: Water
Date Received: 01/30/26 18:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1088584	CJM	EET EDI	02/03/26 15:28

Client Sample ID: MW-6_20260128
Lab Sample ID: 460-344099-3
Date Collected: 01/28/26 12:55
Matrix: Water
Date Received: 01/30/26 18:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1088584	CJM	EET EDI	02/03/26 16:10

Client Sample ID: DUP-01_20260128
Lab Sample ID: 460-344099-4
Date Collected: 01/28/26 13:57
Matrix: Water
Date Received: 01/30/26 18:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1088584	CJM	EET EDI	02/03/26 16:31

Client Sample ID: FB-01_20260128
Lab Sample ID: 460-344099-5
Date Collected: 01/28/26 14:45
Matrix: Water
Date Received: 01/30/26 18:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1088584	CJM	EET EDI	02/03/26 14:46

Client Sample ID: TB-01_20260128
Lab Sample ID: 460-344099-6
Date Collected: 01/28/26 15:45
Matrix: Water
Date Received: 01/30/26 18:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1088584	CJM	EET EDI	02/03/26 15:07

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich Inc
Job ID: 460-344099-1
Project/Site: 1885 Atlantic Avenue, Brooklyn

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-26

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00193	02/15/26	01/15/26	MeOH, Lot EJ980-US	2 mL	1,4-Dioxane P_00003	1 mL	1,4-Dioxane	500 ug/mL
.1,4-Dioxane P_00003	05/16/30		Absolute, Lot 051625		(Purchased Reagent)		1,4-Dioxane	1000 ug/mL
524FREONS_00049	01/23/26	12/23/25	MeOH, Lot EJ980-US	10 mL	7 Freons_00010	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
.7 Freons_00010	09/17/28		Absolute, Lot 091725		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
7 Freons Hi_00036	02/20/26	01/20/26	MeOH, Lot EJ980-US	5 mL	7 Freons_00009	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
.7 Freons_00009	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
8260 SP_00207	02/15/26	01/15/26	MeOH, Lot EJ980-US	10 mL	KetonesC SS_00019	200 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix SS_00023	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00019	05/30/28		RESTEK, Lot A0225601		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix SS_00023	10/31/27		RESTEK, Lot A0224454		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260MIX1COMB_00217	02/20/26	12/20/25	MeOH, Lot EJ980-US	50 mL	2-CEVEC_00033	1 mL	2-Chloroethyl vinyl ether	50.12 ug/mL
					EPICH(working_00017	0.5 mL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00027	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00026	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00033	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					LIST2/STD6_00026	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00028	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00044	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00032	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00107	1 mL	Vinyl acetate	100 ug/mL
.2-CEVEC_00033	04/30/28	RESTEK, Lot A0225121			(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.EPICH(working_00017	09/16/27	09/16/25	MeOH, Lot EJ980-US	10 mL	EPICHLO(NEAT)_00002	845.31 uL	Epichlorohydrin	100000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..EPICHLO(NEAT)_00002	09/12/35		FLUKA, Lot SHBQ8511		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new)_00027	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00026	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00033	02/09/28		RESTEK, Lot A0222253		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.LIST2/STD6_00026	07/31/26		RESTEK, Lot A0221376		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00028	08/31/26		RESTEK, Lot A0222232		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00044	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00032	02/28/27		RESTEK, Lot A0222453		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00107	08/31/26		RESTEK, Lot A0222118		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00217	02/20/26	12/20/25	MeOH, Lot EJ980-US	50 mL	Mega Mix_00044	1 mL	Xylenes, Total	100 ug/mL
.Mega Mix_00044	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
ACROLEIN W_00193	02/13/26	01/12/26	MeOH, Lot EJ980-US	10 mL	ACROLEIN_00027	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00027	10/31/26		RESTEK, Lot A0224370		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00146	02/15/26	01/15/26	MeOH, Lot EJ980-US	10 mL	Acrylonitrile_00011	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00017	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00011	03/03/28		ABSOLUTE, Lot 030325		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00017	09/16/27	09/16/25	MeOH, Lot EJ980-US	10 mL	EPICHLO(NEAT)_00002	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00002	09/12/35		FLUKA, Lot SHBQ8511		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00040							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Total Volatile Organic Compounds	
							Xylenes, Total	
					VMC21SU_00011	500 uL	4-Bromofluorobenzene	25 ug/mL
							BFB	25 ug/mL
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
Ethanol mix_00110	02/20/26	01/20/26	MeOH, Lot EJ980-US	5 mL	ETHANOL(new)_00027	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00027	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00657	01/26/26	01/19/26	MeOH, Lot EJ980-US	10 mL	GASES SS_00030	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00030	04/30/28		RESTEK, Lot A0224834		(Purchased Reagent)		Bromomethane	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00516	02/02/26	01/19/26	MeOH, Lot EJ980-US	5 mL	GASES C_00043	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00043	04/30/28		RESTEK, Lot A0224758		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00680	01/26/26	01/19/26	MeOH, Lot EJ980-US	25 mL	GASES C_00043	500 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00043	04/30/28		RESTEK, Lot A0224758		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00682	02/06/26	01/30/26	MeOH, Lot EK419-US	25 mL	GASES C_00043	500 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00043	04/30/28		RESTEK, Lot A0224758		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00170	02/15/26	01/15/26	MeOH, Lot EJ980-US	5 mL	2-CEVEC_00033	1 mL	2-Chloroethyl vinyl ether	501.2 ug/mL
					Extra Cmpd_00026	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00026	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00028	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00032	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.2-CEVEC_00033	04/30/28		RESTEK, Lot A0225121		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.Extra Cmpd_00026	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00026	07/31/26		RESTEK, Lot A0221376		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00028	08/31/26		RESTEK, Lot A0222232		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00032	02/28/27		RESTEK, Lot A0222453		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00197	02/15/26	01/15/26	MeOH, Lot EJ980-US	5 mL	EPICH(working_00017	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00033	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
					Mega Mix_00044	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chlorodibromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromomethane	500 ug/mL
							Dichlorobromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00107	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00017	09/16/27	09/16/25	MeOH, Lot EJ980-US	10 mL	EPICHLO(NEAT)_00002	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00002	09/12/35		FLUKA, Lot SHBQ8511		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00033	02/09/28		RESTEK, Lot A0222253		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00044	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00107	08/31/26		RESTEK, Lot A0222118		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VOA6IS/SURR_00085	03/18/26	01/19/26	MeOH, Lot EJ980-US	5 mL	8260 SURR C_00070	100 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					8260ISNEW_00216	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260 SURR C_00070	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.8260ISNEW_00216	04/30/30		RESTEK, Lot A0224544		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL

Reagent

1,4-Dioxane P_00003

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 70373
Lot Number: 051625
Description: 1,4-Dioxane

R26G2

Expiration Date: 051630
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

rec. 9/24/25

Solvent: Methanol **Lot#** EJ660-US

5E-05 Balance Uncertainty
0.002 Flask Uncertainty

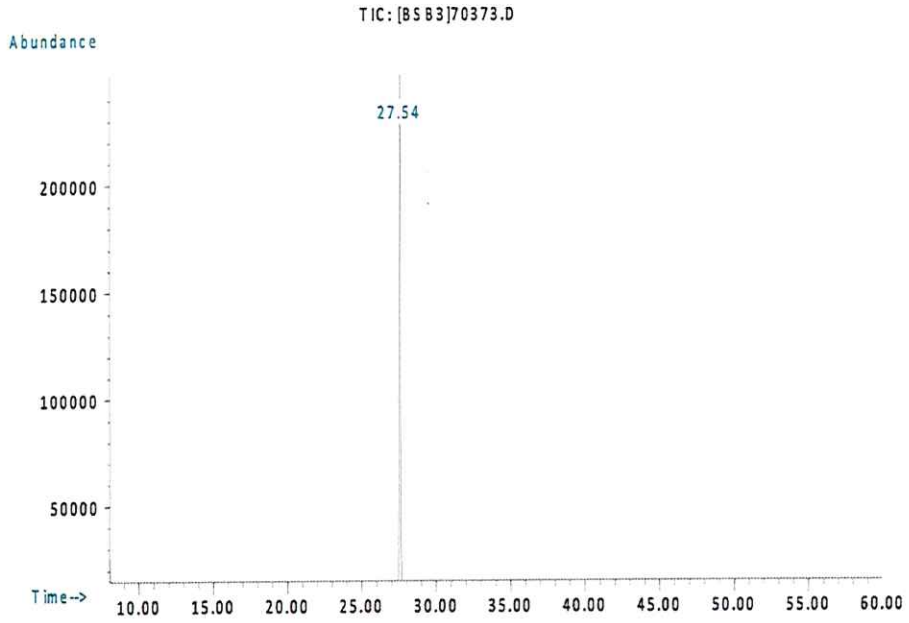
#12951614

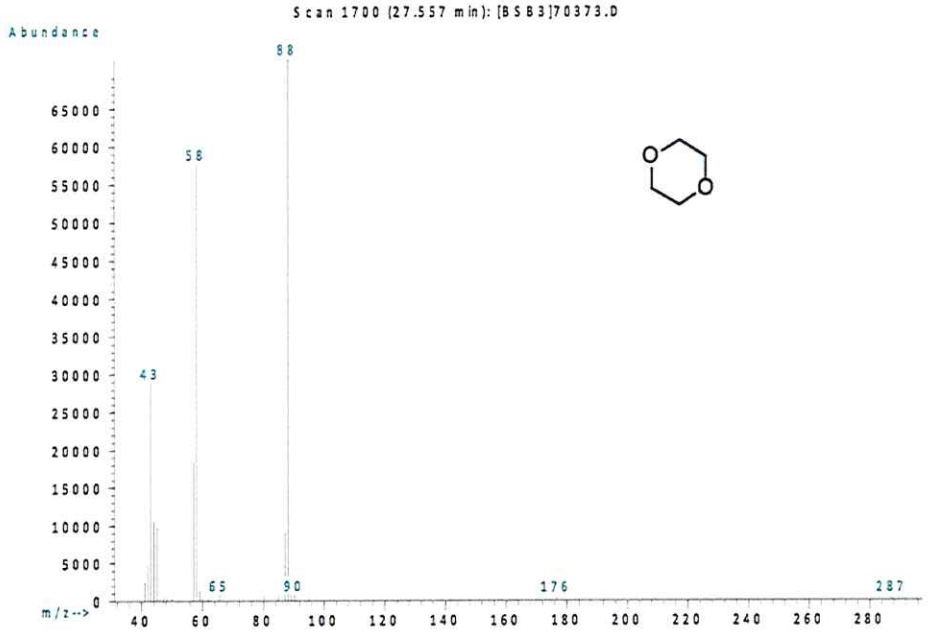
Weight(s) shown below were combined and diluted to (mL): 200.0

051625	
Formulated By: Anthony Mahoney	DATE
051625	
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 1,4-Dioxane	373	03853KE	1000	99	0.2	0.20200	0.20221	1001.0	4.1	123-91-1	25 ppm (90mg/m3/8H)(skin)	ori-mus 5700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness). Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. Analysis performed by Candice Warren.





- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization wtih weights traceable through NIST to the SI kilogram (see above).**
- **Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Rev 1.0, 2/25/2025

Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

2/5/2026
8:39:33 AM

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2025

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Page 48 of 852

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

ABSOLUTE STANDARDS, INC.

ISO - 17034

Certificate of Analysis

Certified Reference Material (CRM)

Conformance: The "Certificate of Analysis" is applicable for CRM's, fulfilling the requirements in the current version of: ISO 17034.

Health & Safety: See the attached SDS & Certified Weight Report before use.

Intended Use: This Certified Reference Material (CRM) is intended primarily for use in the characterization of unknowns and the establishment of analyzer or instrument response factors by qualified personnel. Typical instrumental organic assays include: GC & LC, and inorganic assays include: ICP & AA. This product is for laboratory use only.

Characterization Values: In production, gravimetric/volumetric readings are certified to be within +/- 0.5% of the stated value & are valid between 18 °C & 30 °C. The measured characterization of uncertainty can be found on the Certified Weight Report. All product weighings are performed on an analytical balance that is calibrated to NIST Traceable standard weights & certified by the manufacturer. The volumetric glassware used is Class "A" type & conforms to ASTM E-288 unless otherwise stated. The solvents & compounds used are of the highest practical purity & typically meet or exceed ACS Reagent Grade & ACS Standards Grade specifications. The expanded uncertainty field on Certified Wt. Report represents CRM uncertainty as described in ISO 17034.

Homogeneity: Uncertainties that are due to the analytical procedure(s) are within +/-5% unless specifically stated on the Certified Wt. Report.

Verification: Uncertainties that are due to the analytical procedure(s) are within +/-5% unless specifically stated on the Certified Wt. Report.

Stability: Uncertainties for short-term stability are determined in accordance with ISO 17034. Long-term stability is determined in accordance with ISO 17034. The shelf life is limited by the stated expiration for each product. Expiration dates and additional technical information can be found on the Certified Weight Report and on the product label.

Uncertainty: U_{CRM} is the expanded uncertainty which utilizes a K = 2 (coverage factor of 2), in accordance with ISO 17034 as listed above (Characterization, Homogeneity, Verification, and Stability).

Purity & Identity: Organic solutions are typically formulated from neat materials whose purity & identity have been characterized by GC-MSD & LC-PDA techniques with comparison to a NIST Traceable library of mass spectra when available. Additional characterization techniques may include but are not limited to: refractive index measurements of liquids, melting point measurements of solids, & GC-FID, ECD, PID, ELCD, LC-PDA measurements for purity. Inorganic solutions & neats are typically formulated from materials whose purity & identity have been characterized by ICPMS with comparison to a NIST SRM® when available. Additional characterization techniques may include but are not limited to: titrimetry, and densitometry.

Storage: Sealed ampules and other containers should be stored in the dark and at temperatures indicated on the Certified Weight Report or product label. Certification by Absolute Standards, Inc. is typically valid for 3 years from the date of manufacture. Each product will show its own expiration date as the limit of certification. Certified values are not applicable to opened ampules or for any materials stored in re-sealable containers. Please see the "Certified Weight Report" for specific values and any exceptions.

Usage: Ampules & bottles should be brought to room temperature (18 to 30 °C) before opening. Sonication may be required for high concentration solutions or solutions that may precipitate during storage. After opening, care should be exercised to avoid concentration changes owing to evaporation of the solvent or essential components. We recommend that a suitable re-sealable container be available before opening an ampule to decant the standard for short-term storage and use.

Minimum Sample Size: 0.5 uL for analytical applications.

Legal Notice: Warranty of products are as described when shipped. No warranty as to fitness for any particular application is expressed or implied. Errant shipments and/or quality claims must be made within 10 days of receipt. Liability is limited solely to the replacement of the product or refund of purchase price.

Certifying Officer: Stephen J. Arpie, M.S., Director General

Absolute Standards, Inc. • 44 Rossotto Drive • Hamden, CT 06514
Voice: 800-368-1131 • Fax: 800-410-2577 • eMail: StephenArpie@AbsoluteStandards.com
Document Identification: Certificate of Analysis Rev 14, Date Issued: 05/30/2019

2/5/2026 8:39:33 AM

Reagent

2-CEVEC_00033

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

MS 5/13/25 R2612 #12576975

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01
ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02
2/5/2026 8:39:33 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569723 **Lot No.:** A0225121

Description : 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Chloroethyl vinyl ether	110-75-8	MKCK6742	99%	2,511.2 µg/mL	+/- 31.2523

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Reagent

7 Freons_00009

CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EF282-USQ5

R2608

MS 4/29/25 #12541873

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Eli Aliaga 040723
Formulated By: Eli Aliaga DATE

Pedro Rentas 040723
Reviewed By: Pedro L. Rentas DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

7 Freons_00010

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CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 091725
Description: Freon Standard Rev 1
7 components
Expiration Date: 091728
Recommended Storage: Freezer (-25°C to -10°C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s):	Lot#
Methanol	EJ660-USQ6

R26664
rec. 9/24/25

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

12951772

Formulated By:	Vincent K. Criscio, Jr.	091725 DATE
Reviewed By:	Pedro L. Rentas	091725 DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	063025	0.10	10.00	0.042	20010.8	2000.6	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	68284	062725	0.20	20.00	0.003	10092.2	2017.9	8.3	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	062725	0.20	20.00	0.003	10105.4	2020.6	8.3	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	012625	0.10	10.00	0.042	20051.6	2004.7	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	040124	0.10	10.00	0.042	20064.4	2005.9	18.8	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	032525	0.10	10.00	0.042	20009.8	2000.5	18.7	76-12-0	500 ppm	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization wtih weights traceable through NIST to the SI kilogram (see above).**
- **Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**
Rev 1.0, 2/25/2025

Reagent

8260 SURR C_00070

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

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R2609

MS 4130125 #12545026

2/5/2026 8:39:33 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260ISNEW_00216

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R2661

MS 9/17/25 #12922014

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0224544

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : April 30, 2030 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,009.5 µg/mL	+/- 62.2159
2	2-Butanone-d5	24313-50-6	HJ-279	99%	1,250.3 µg/mL	+/- 15.5276
3	Fluorobenzene	462-06-6	BCBZ5549	99%	251.8 µg/mL	+/- 3.1282
4	1,4-Dioxane-d8	17647-74-4	RP240917A	99%	5,011.6 µg/mL	+/- 62.2423
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	251.8 µg/mL	+/- 3.1282
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	251.4 µg/mL	+/- 3.1236

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

ACROLEIN_00027

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MS 8/20/25 R2649 #12849268

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0224370

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RD250328ECS	99%	19,751.5 µg/mL	+/- 580.2590

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Reagent

Acrylonitrile_00011

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Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 030325
Description: Acrylonitrile

Solvent: Methanol **Lot#** EJ143-USQ10

Expiration Date: 030328
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

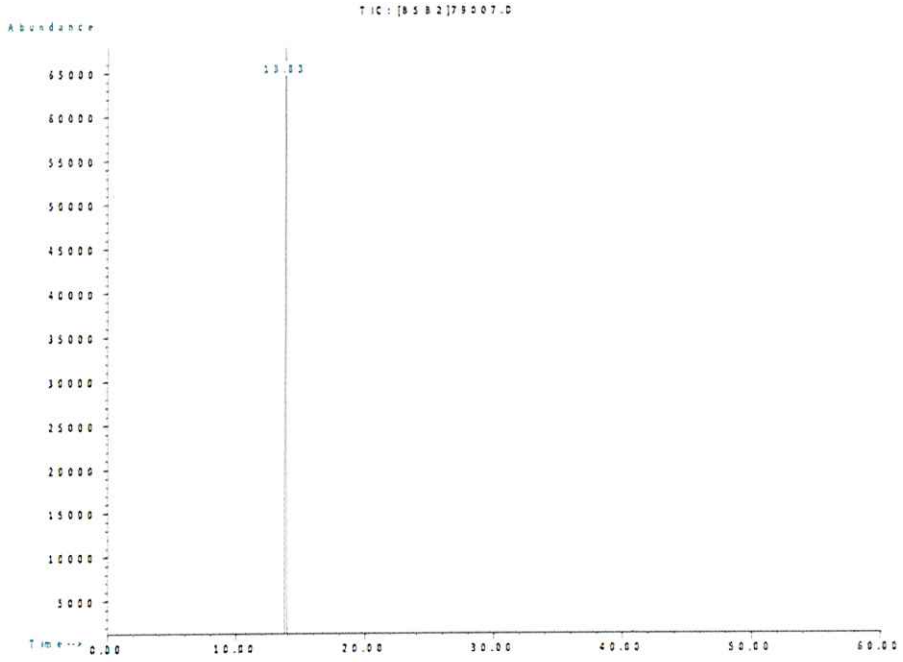
R2596 MS 3/5/25 # 12392448

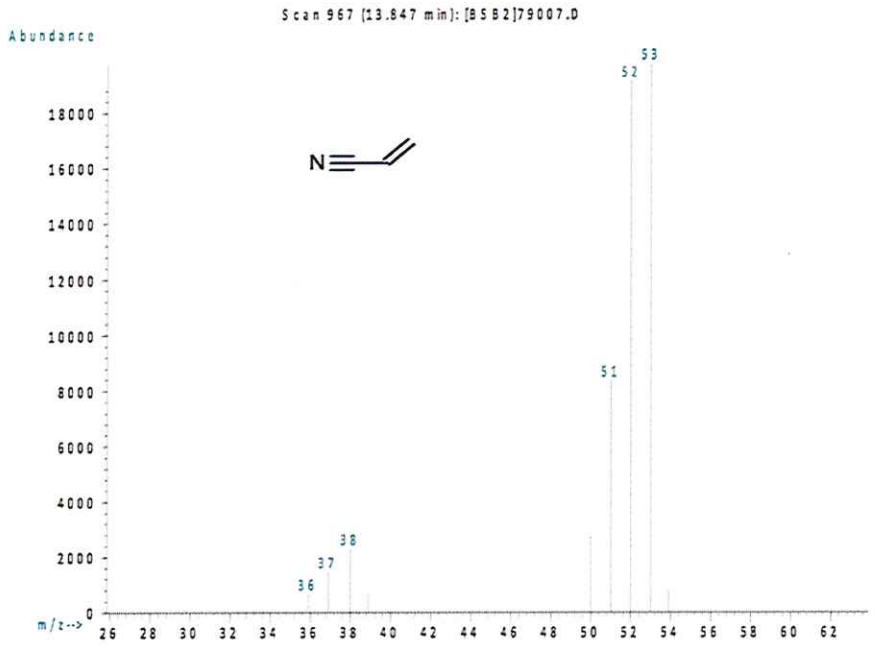
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Formulated By:	Prashant Chauhan	030325 DATE
Reviewed By:	Pedro L. Rentas	030325 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05070	1003.3	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00002

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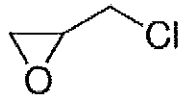
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)

Product Number:	**45340**
Batch Number:	**SHBQ8511**
Brand:	SIAL
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	12 JUN 2023



R2660

MS 9/12/25 # 12906713

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 5 APHA
Refractive index at 20 °C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Larry Coers, Director
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

ETHANOL(new)_00027

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R2615

MS 5/13/25 #12577031

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

2/5/2026 8:39:33 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0220852

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR7934	99%	100,059.0 µg/mL	+/- 1,244.6087

Page 2 of 6 A0220852

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Extra Cmpd_00026

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CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 010825
Description: VOC Standard 2015
14 components
Expiration Date: 010828
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EJ143-USQ6

MS 5/9/25

R2611
#12568561

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 75.0 0.021 Flask Uncertainty

Prashant Chauhan		010825
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		010825
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. n-Amyl acetate	1515	OGL01	2500	98	0.2	0.19133	0.19150	2502.3	10.4	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2. tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.19133	0.19144	2501.5	10.4	919-94-8	N/A	inh-mus 81284mg/m3/15H
3. n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.18939	0.18948	2501.1	10.3	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4. Butyl methacrylate	1314	03220HG	2500	99	0.2	0.18939	0.18950	2501.4	10.3	97-88-1	N/A	orl-rat 18 g/kg
5. Cyclopentene	519	MKCL5160	2500	98.3	0.2	0.19074	0.19089	2501.9	10.4	142-29-0	N/A	orl-rat 1656mg/kg
6. 4-Ethyltoluene	1001	031097	2500	99	0.2	0.18939	0.18945	2500.7	10.3	622-96-8	N/A	N/A
7. Indan	955	06309PV	2500	96	0.2	0.19531	0.19545	2501.8	10.6	496-11-7	N/A	N/A
8. Isoprene	1541	SHBN7340	2500	99.7	0.2	0.18806	0.18825	2502.5	10.2	78-79-5	N/A	N/A
9. Isopropyl acetate	1106	MKCQ4616	2500	99.90	0.2	0.18769	0.18781	2501.6	10.2	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10. Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.18769	0.18780	2501.5	10.2	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11. n-Pentane	783	LX202310NP	**5000**	99.57	0.2	0.37662	0.37682	**5002.7**	20.3	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12. Propyl acetate	1105	05017HY	2500	99	0.2	0.18939	0.18950	2501.4	10.3	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13. 1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.19133	0.19150	2502.3	10.4	95-93-2	N/A	orl-rat 6989mg/kg
14. 1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.19133	0.19148	2502.0	10.4	105-05-5	N/A	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Reagent

GASES C_00043

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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R2646

MS 8/6/25 # 12814031

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0224758

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,520.0 µg/mL	+/- 142.0951
2	Chloromethane (methyl chloride)	74-87-3	1525538	99%	2,518.7 µg/mL	+/- 142.0257
3	Vinyl chloride	75-01-4	00015559	97%	2,516.6 µg/mL	+/- 141.7000
4	1,3-Butadiene	106-99-0	00019375	99%	2,522.5 µg/mL	+/- 141.9454
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,525.5 µg/mL	+/- 143.1018
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.5 µg/mL	+/- 142.2718
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.9 µg/mL	+/- 141.8357
8	Trichlorofluoromethane (CFC-11)	75-69-4	29320	99%	2,526.6 µg/mL	+/- 143.4191

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

2/5/2026 8:39:33 AM
Page 2 of 852

Reagent

GASES SS_00030

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Certificate of Analysis

chromatographic plus

MS 8/6/25 R2647 #12814032

2/5/2026 8:39:33 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0224834

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	29307	99%	2,517.1 µg/mL	+/- 141.9477
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,519.6 µg/mL	+/- 141.6195
3	Vinyl chloride	75-01-4 *	00015559	97%	2,519.3 µg/mL	+/- 141.5426
4	1,3-Butadiene	106-99-0.SEC	29306	99%	2,518.6 µg/mL	+/- 141.4952
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,531.5 µg/mL	+/- 142.1432
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,503.1 µg/mL	+/- 140.4825
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00019903	99%	2,522.3 µg/mL	+/- 141.4203

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

KetonesC SS_00019

R2676

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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Rec. 12/10/25

Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0225601

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	T20G008	99%	12,600.0 µg/mL	+/- 435.4852
2	2-Butanone (MEK)	78-93-3.SEC	RGZ2A	99%	12,511.5 µg/mL	+/- 432.4265
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,527.0 µg/mL	+/- 432.9622
4	2-Hexanone	591-78-6.SEC	NXXXA	99%	12,563.0 µg/mL	+/- 434.2064

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

KetonesC_00033

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0222253

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 29, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBR9592	99%	12,583.7 µg/mL	+/- 434.9207
2	2-Butanone (MEK)	78-93-3	SHBQ9020	99%	12,607.3 µg/mL	+/- 435.7387
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBR0467	99%	12,562.7 µg/mL	+/- 434.1949
4	2-Hexanone	591-78-6	MKCV1997	99%	12,622.7 µg/mL	+/- 436.2687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

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Reagent

LIST2/STD6_00026

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0221376

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBS0800	99%	25,216.5 µg/mL	+/- 412.3381
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	S241007RSR	99%	2,520.0 µg/mL	+/- 41.2189
3	Methacrylonitrile	126-98-7	1012014	99%	25,138.0 µg/mL	+/- 411.0545
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBR4221	99%	2,522.5 µg/mL	+/- 41.2598
5	1-Butanol	71-36-3	101601K21K	99%	62,777.0 µg/mL	+/- 1,026.5175
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,028.0 µg/mL	+/- 82.2174
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,523.5 µg/mL	+/- 41.2761
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	2,506.4 µg/mL	+/- 40.9956
9	Benzyl chloride	100-44-7	MKCM5986	99%	2,518.0 µg/mL	+/- 41.1862
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,508.0 µg/mL	+/- 41.0226

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD7_00028

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2618
MS 5/13/25 #12577060

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0222232

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBR8669	99%	5,027.0 µg/mL	+/- 173.7448
2	Ethyl acrylate	140-88-5	MKCQ6014	99%	2,520.5 µg/mL	+/- 87.1200
3	Methyl methacrylate	80-62-6	995248V16F	99%	5,018.5 µg/mL	+/- 173.4510
4	Butyl acetate	123-86-4	SHBR2024	99%	2,518.0 µg/mL	+/- 87.0336

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Mega Mix SS_00023

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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Certificate of Analysis

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R2632

MS 6/11/25 # 1265721

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992.SEC **Lot No.:** A0224454

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7.SEC	101608R02R	99%	2,518.3 µg/mL	+/- 87.0220
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1.SEC	18342	99%	2,518.7 µg/mL	+/- 87.0335
3	1,1-Dichloroethene	75-35-4.SEC	16011600	99%	2,520.0 µg/mL	+/- 87.0795
4	tert-Butanol (TBA)	75-65-0.SEC	X8R3L	99%	25,167.3 µg/mL	+/- 869.6654
5	Methyl acetate	79-20-9.SEC	LV27M	99%	5,038.3 µg/mL	+/- 174.1015
6	Iodomethane (methyl iodide)	74-88-4.SEC	Y25A027	99%	2,520.2 µg/mL	+/- 87.0853
7	Allyl chloride (3-chloropropene)	107-05-1.SEC	RD241210S	99%	2,520.8 µg/mL	+/- 87.1083
8	Methylene chloride (dichloromethane)	75-09-2.SEC	FGM02	99%	2,519.7 µg/mL	+/- 87.0680
9	Carbon disulfide	75-15-0.SEC	MKBL1376V	99%	2,520.0 µg/mL	+/- 87.0795
10	Acrylonitrile	107-13-1.SEC	V54AD	99%	25,154.8 µg/mL	+/- 869.2334
11	Methyl-tert-butyl ether (MTBE)	1634-04-4.SEC	CDCQG	99%	2,516.8 µg/mL	+/- 86.9701
12	cis-1,2-Dichloroethene	156-59-2.SEC	HGC01-BLKT	99%	2,520.0 µg/mL	+/- 87.0795
13	n-Hexane (C6)	110-54-3.SEC	10188491	99%	2,522.7 µg/mL	+/- 87.1717
14	1,1-Dichloroethane	75-34-3.SEC	1026.30-3	98%	2,517.3 µg/mL	+/- 86.9860
15	2,2-Dichloropropane	594-20-7.SEC	SDGUL	98%	2,519.6 µg/mL	+/- 87.0650
16	trans-1,2-Dichloroethene	156-60-5.SEC	L5QOH	99%	2,516.7 µg/mL	+/- 86.9644

17	Isobutanol (2-Methyl-1-propanol)	78-83-1.SEC	YNG3K	99%	62,866.7	µg/mL	+/- 2,172.3781
18	Chloroform	67-66-3.SEC	2406697	99%	2,518.8	µg/mL	+/- 87.0392
19	Bromochloromethane	74-97-5 *	S241017RSR	99%	2,517.3	µg/mL	+/- 86.9874
20	Tetrahydrofuran	109-99-9.SEC	M5OKN	99%	5,035.8	µg/mL	+/- 174.0151
21	1,1,1-trichloroethane	71-55-6 *	S241211RSR	99%	2,517.8	µg/mL	+/- 87.0047
22	Cyclohexane	110-82-7.SEC	YADRA	99%	2,516.7	µg/mL	+/- 86.9644
23	1,1-Dichloropropene	563-58-6.SEC	1043300	99%	2,516.2	µg/mL	+/- 86.9471
24	Carbon tetrachloride	56-23-5.SEC	11466	99%	2,520.0	µg/mL	+/- 87.0795
25	n-Heptane (C7)	142-82-5.SEC	TFHUC	99%	2,516.0	µg/mL	+/- 86.9413
26	1,2-Dichloroethane	107-06-2.SEC	00016165	99%	2,516.2	µg/mL	+/- 86.9471
27	Benzene	71-43-2.SEC	101960P29K	99%	2,518.7	µg/mL	+/- 87.0335
28	Trichloroethene	79-01-6.SEC	H04X050	99%	2,520.0	µg/mL	+/- 87.0795
29	Methylcyclohexane	108-87-2.SEC	24MSD-CD	99%	2,519.5	µg/mL	+/- 87.0623
30	1,2-Dichloropropane	78-87-5.SEC	ERRBI-RH	99%	2,520.0	µg/mL	+/- 87.0795
31	1,4-Dioxane	123-91-1.SEC	QHRWO	99%	50,325.2	µg/mL	+/- 1,739.0025
32	Dibromomethane	74-95-3.SEC	MOKKJ	99%	2,521.5	µg/mL	+/- 87.1314
33	cis-1,3-Dichloropropene	10061-01-5.SEC	187458	98%	2,517.0	µg/mL	+/- 86.9747
34	Toluene	108-88-3.SEC	YND2B-BD	99%	2,518.3	µg/mL	+/- 87.0220
35	Ethyl methacrylate	97-63-2.SEC	AQSPO	99%	2,517.7	µg/mL	+/- 86.9989
36	trans-1,3-Dichloropropene	10061-02-6.SEC	DMSL	96%	2,511.7	µg/mL	+/- 86.7920
37	1,1,2-Trichloroethane	79-00-5.SEC	13547100	99%	2,516.5	µg/mL	+/- 86.9586
38	1,3-Dichloropropane	142-28-9.SEC	IQCON	99%	2,516.2	µg/mL	+/- 86.9471
39	Tetrachloroethene	127-18-4.SEC	F09W014	99%	2,515.0	µg/mL	+/- 86.9068
40	Dibromochloromethane	124-48-1.SEC	10234064	99%	2,514.5	µg/mL	+/- 86.8895
41	1,2-Dibromoethane (EDB)	106-93-4.SEC	050675P15E	99%	2,517.2	µg/mL	+/- 86.9816
42	Chlorobenzene	108-90-7.SEC	1161936	99%	2,516.2	µg/mL	+/- 86.9471
43	m-Xylene	108-38-3.SEC	7ZV6F	99%	1,258.7	µg/mL	+/- 43.4965
44	p-Xylene	106-42-3.SEC	D6UOA	99%	1,257.0	µg/mL	+/- 43.4390
45	Ethylbenzene	100-41-4.SEC	XO5UA	99%	2,517.8	µg/mL	+/- 87.0047
46	1,1,1,2-Tetrachloroethane	630-20-6.SEC	9366000	99%	2,516.7	µg/mL	+/- 86.9644
47	o-Xylene	95-47-6.SEC	FGL01	99%	2,517.0	µg/mL	+/- 86.9759
48	Styrene	100-42-5.SEC	OFIOL-IA	99%	2,514.2	µg/mL	+/- 86.8780
49	Isopropylbenzene (cumene)	98-82-8.SEC	7P24L	99%	2,516.0	µg/mL	+/- 86.9413
50	Bromoform	75-25-2.SEC	15425500	99%	2,510.3	µg/mL	+/- 86.7455
51	Bromodichloromethane	75-27-4.SEC	29264	98%	2,511.1	µg/mL	+/- 86.7715
52	1,1,2,2-Tetrachloroethane	79-34-5.SEC	BCCB0724	99%	2,513.0	µg/mL	+/- 86.8377

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53	1,2,3-Trichloropropane	96-18-4.SEC 6V2ED	99%	2,515.8	µg/mL	+/- 86.9356
54	trans-1,4-Dichloro-2-butene	110-57-6.SEC RD250430S	97%	2,514.6	µg/mL	+/- 86.8917
55	n-Propylbenzene	103-65-1.SEC T2HFC	99%	2,515.2	µg/mL	+/- 86.9125
56	Bromobenzene	108-86-1.SEC 8DKWJ	99%	2,517.0	µg/mL	+/- 86.9759
57	1,3,5-Trimethylbenzene	108-67-8.SEC TOOOF	99%	2,517.8	µg/mL	+/- 87.0047
58	2-Chlorotoluene	95-49-8.SEC BRHPM	99%	2,517.0	µg/mL	+/- 86.9759
59	4-Chlorotoluene	106-43-4.SEC P4XHJ-AO	99%	2,515.0	µg/mL	+/- 86.9068
60	tert-Butylbenzene	98-06-6.SEC OGN01	99%	2,515.7	µg/mL	+/- 86.9298
61	1,2,4-Trimethylbenzene	95-63-6.SEC JMIYD	99%	2,512.2	µg/mL	+/- 86.8089
62	sec-Butylbenzene	135-98-8.SEC O4HRF	99%	2,518.3	µg/mL	+/- 87.0220
63	4-Isopropyltoluene (p-cymene)	99-87-6.SEC 13889300	98%	2,515.7	µg/mL	+/- 86.9296
64	1,3-Dichlorobenzene	541-73-1.SEC ZA2ZI	99%	2,515.0	µg/mL	+/- 86.9068
65	1,4-Dichlorobenzene	106-46-7.SEC J5GVD	99%	2,519.7	µg/mL	+/- 87.0680
66	n-Butylbenzene	104-51-8.SEC SRMJD	99%	2,515.5	µg/mL	+/- 86.9240
67	1,2-Dichlorobenzene	95-50-1.SEC SIN2G	99%	2,513.7	µg/mL	+/- 86.8607
68	1,2-Dibromo-3-chloropropane	96-12-8.SEC Q135-105	99%	2,519.5	µg/mL	+/- 87.0623
69	1,2,4-Trichlorobenzene	120-82-1.SEC IGLFA	99%	2,516.0	µg/mL	+/- 86.9413
70	Hexachlorobutadiene	87-68-3.SEC 13889400	97%	2,514.9	µg/mL	+/- 86.9029
71	Naphthalene	91-20-3.SEC AM5NG	99%	2,516.5	µg/mL	+/- 86.9586
72	1,2,3-Trichlorobenzene	87-61-6.SEC A0043055	98%	2,516.5	µg/mL	+/- 86.9578

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

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Reagent

Mega Mix_00044

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

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17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

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53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

POLAR ADD_00032

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

MS 5/13/25

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2616 #12577046

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

2/5/2026 8:39:33 AM

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0222453

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,084.7 µg/mL	+/- 410.1824
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,510.0 µg/mL	+/- 41.0553
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCW6467	99%	2,510.7 µg/mL	+/- 41.0662
4	Propionitrile	107-12-0	BCCL0691	99%	25,085.3 µg/mL	+/- 410.1933
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,062.0 µg/mL	+/- 409.8118
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,500.7 µg/mL	+/- 40.9027

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Vinyl Acetate_00107

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2633

MS 6/19/25 #12688973

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0222118

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	5,004.5 µg/mL	+/- 172.9671

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

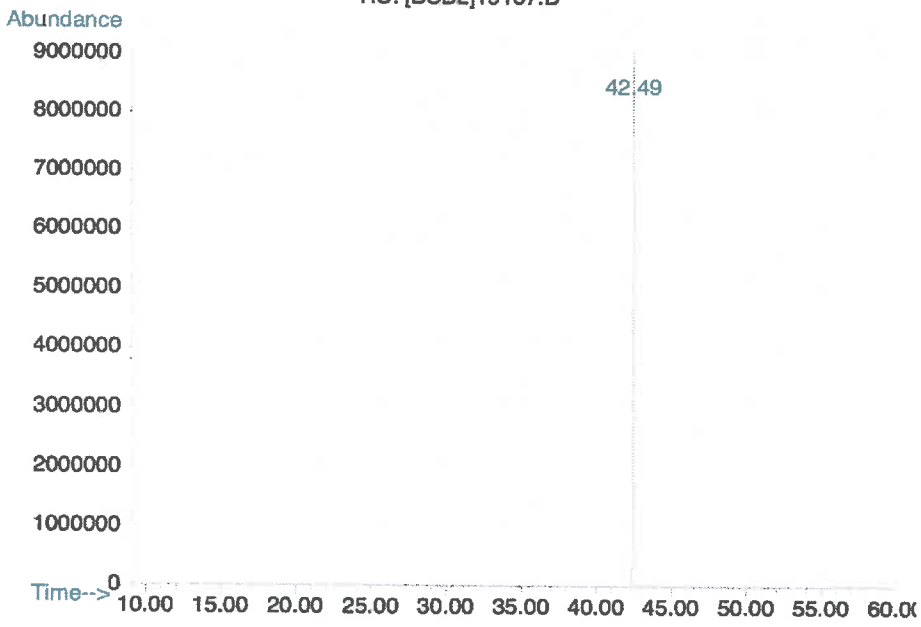
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	030822
Formulated By: Benson Chan	DATE
	030822
Reviewed By: Pedro L. Rentas	DATE

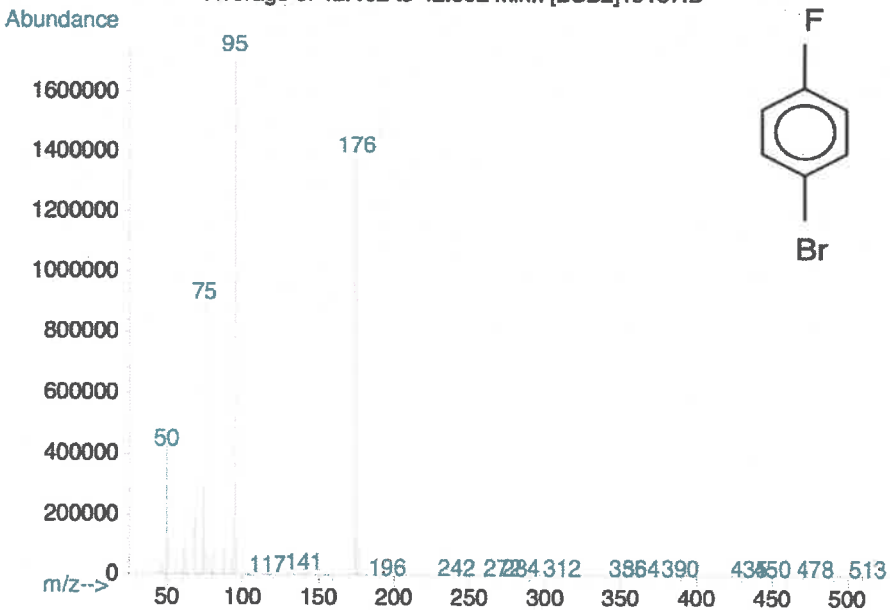
	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	orl-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.

TIC: [BSB2]19167.D



Average of 42.462 to 42.502 min.: [BSB2]19167.D



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-8_20260128	460-344099-1	107	89	93	108
MW-7_20260128	460-344099-2	104	88	93	104
MW-6_20260128	460-344099-3	109	86	93	104
DUP-01_20260128	460-344099-4	108	93	92	108
FB-01_20260128	460-344099-5	107	87	91	101
TB-01_20260128	460-344099-6	107	87	96	107
	MB 460-1088584/10	107	88	94	103
	LCS 460-1088584/5	108	93	94	104
	LCSD 460-1088584/6	107	93	92	103
MW-7_20260128 MS	460-344099-2 MS	109	93	93	107
MW-7_20260128 MSD	460-344099-2 MSD	107	92	93	104

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F59684.D

Lab ID: LCS 460-1088584/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.2	101	72-128	
1,1,2,2-Tetrachloroethane	20.0	15.5	78	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.6	118	65-142	
1,1,2-Trichloroethane	20.0	18.0	90	74-125	
1,1-Dichloroethane	20.0	16.3	81	73-130	
1,1-Dichloroethene	20.0	19.6	98	68-133	
1,2,3-Trichlorobenzene	20.0	20.5	102	55-150	
1,2,4-Trichlorobenzene	20.0	20.3	102	67-132	
1,2,4-Trimethylbenzene	20.0	17.9	89	75-125	
1,2-Dibromo-3-Chloropropane	20.0	17.8	89	58-132	
1,2-Dichlorobenzene	20.0	19.5	98	80-120	
1,2-Dichloroethane	20.0	16.1	81	66-129	
1,2-Dichloropropane	20.0	15.5	77	72-128	
1,3,5-Trimethylbenzene	20.0	18.6	93	75-125	
1,3-Dichlorobenzene	20.0	19.5	98	80-120	
1,4-Dichlorobenzene	20.0	19.4	97	80-120	
2-Butanone (MEK)	100	99.8	100	65-142	
2-Hexanone	100	67.1	67	72-134	*
4-Methyl-2-pentanone (MIBK)	100	98.2	98	77-130	
Acetone	100	97.1	97	60-133	
Benzene	20.0	16.4	82	71-126	
Bromoform	20.0	19.6	98	58-128	
Bromomethane	20.0	20.4	102	33-150	
Carbon disulfide	20.0	17.8	89	35-150	
Carbon tetrachloride	20.0	21.1	105	65-131	
Chlorobenzene	20.0	20.1	100	80-120	
Chlorobromomethane	20.0	22.0	110	71-134	
Chlorodibromomethane	20.0	19.0	95	73-121	
Chloroethane	20.0	17.7	88	54-150	
Chloroform	20.0	18.7	93	78-125	
Chloromethane	20.0	18.8	94	43-149	
cis-1,2-Dichloroethene	20.0	18.5	93	78-121	
cis-1,3-Dichloropropene	20.0	15.8	79	74-125	
Cyclohexane	20.0	20.9	104	64-142	
Dichlorobromomethane	20.0	17.8	89	76-121	
Dichlorodifluoromethane	20.0	31.6	158	38-144	*
Ethylbenzene	20.0	18.4	92	78-120	
Ethylene Dibromide	20.0	18.8	94	79-126	
Isopropylbenzene	20.0	18.8	94	79-125	
Methyl acetate	40.0	34.9	87	50-147	
Methyl tert-butyl ether	20.0	16.6	83	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F59684.D

Lab ID: LCS 460-1088584/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	20.4	102	63-138	
Methylene Chloride	20.0	17.9	90	74-127	
m-Xylene & p-Xylene	20.0	19.0	95	78-120	
n-Butylbenzene	20.0	17.2	86	69-135	
N-Propylbenzene	20.0	16.9	85	68-129	
o-Xylene	20.0	19.1	95	78-120	
sec-Butylbenzene	20.0	18.5	93	77-129	
Styrene	20.0	17.8	89	82-127	
tert-Butylbenzene	20.0	19.0	95	78-120	
Tetrachloroethene	20.0	20.7	104	70-127	
Toluene	20.0	17.4	87	78-120	
trans-1,2-Dichloroethene	20.0	19.5	97	70-126	
trans-1,3-Dichloropropene	20.0	15.8	79	71-127	
Trichloroethene	20.0	19.5	98	73-121	
Trichlorofluoromethane	20.0	24.0	120	62-134	
Vinyl chloride	20.0	19.3	97	55-144	
Xylenes, Total	40.0	38.1	95	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F59685.D

Lab ID: LCSD 460-1088584/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.0	105	4	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	16.2	81	4	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	25.2	126	7	30	65-142	
1,1,2-Trichloroethane	20.0	17.7	89	1	30	74-125	
1,1-Dichloroethane	20.0	17.9	90	9	30	73-130	
1,1-Dichloroethene	20.0	21.3	106	8	30	68-133	
1,2,3-Trichlorobenzene	20.0	22.2	111	8	30	55-150	
1,2,4-Trichlorobenzene	20.0	21.5	108	6	30	67-132	
1,2,4-Trimethylbenzene	20.0	19.0	95	6	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	18.8	94	5	30	58-132	
1,2-Dichlorobenzene	20.0	20.8	104	6	30	80-120	
1,2-Dichloroethane	20.0	17.2	86	7	30	66-129	
1,2-Dichloropropane	20.0	15.8	79	2	30	72-128	
1,3,5-Trimethylbenzene	20.0	19.4	97	4	30	75-125	
1,3-Dichlorobenzene	20.0	20.7	103	6	30	80-120	
1,4-Dichlorobenzene	20.0	21.3	107	10	30	80-120	
2-Butanone (MEK)	100	116	116	15	30	65-142	
2-Hexanone	100	66.8	67	0	30	72-134	*
4-Methyl-2-pentanone (MIBK)	100	102	102	4	30	77-130	
Acetone	100	102	102	5	30	60-133	
Benzene	20.0	17.4	87	6	30	71-126	
Bromoform	20.0	20.4	102	4	30	58-128	
Bromomethane	20.0	20.9	105	3	30	33-150	
Carbon disulfide	20.0	19.1	95	7	30	35-150	
Carbon tetrachloride	20.0	22.4	112	6	30	65-131	
Chlorobenzene	20.0	20.7	103	3	30	80-120	
Chlorobromomethane	20.0	23.0	115	5	30	71-134	
Chlorodibromomethane	20.0	20.0	100	5	30	73-121	
Chloroethane	20.0	18.0	90	2	30	54-150	
Chloroform	20.0	19.9	100	6	30	78-125	
Chloromethane	20.0	18.3	92	2	30	43-149	
cis-1,2-Dichloroethene	20.0	19.6	98	6	30	78-121	
cis-1,3-Dichloropropene	20.0	16.1	81	2	30	74-125	
Cyclohexane	20.0	22.7	113	8	30	64-142	
Dichlorobromomethane	20.0	18.6	93	4	30	76-121	
Dichlorodifluoromethane	20.0	32.3	161	2	30	38-144	*
Ethylbenzene	20.0	19.8	99	8	30	78-120	
Ethylene Dibromide	20.0	18.1	90	4	30	79-126	
Isopropylbenzene	20.0	19.6	98	4	30	79-125	
Methyl acetate	40.0	34.0	85	2	30	50-147	
Methyl tert-butyl ether	20.0	17.2	86	4	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F59685.D

Lab ID: LCSD 460-1088584/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	21.7	108	6	30	63-138	
Methylene Chloride	20.0	19.6	98	9	30	74-127	
m-Xylene & p-Xylene	20.0	20.1	101	6	30	78-120	
n-Butylbenzene	20.0	18.2	91	6	30	69-135	
N-Propylbenzene	20.0	18.0	90	6	30	68-129	
o-Xylene	20.0	20.1	100	5	30	78-120	
sec-Butylbenzene	20.0	20.0	100	7	30	77-129	
Styrene	20.0	17.8	89	0	30	82-127	
tert-Butylbenzene	20.0	19.9	99	5	30	78-120	
Tetrachloroethene	20.0	21.3	107	3	30	70-127	
Toluene	20.0	18.3	92	5	30	78-120	
trans-1,2-Dichloroethene	20.0	20.9	104	7	30	70-126	
trans-1,3-Dichloropropene	20.0	16.2	81	2	30	71-127	
Trichloroethene	20.0	19.7	99	1	30	73-121	
Trichlorofluoromethane	20.0	25.1	125	5	30	62-134	
Vinyl chloride	20.0	19.3	96	0	30	55-144	
Xylenes, Total	40.0	40.2	100	5	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F59697.D

Lab ID: 460-344099-2 MS Client ID: MW-7_20260128 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	19.9	99	72-128	
1,1,2,2-Tetrachloroethane	20.0	0.20 U	14.8	74	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	22.8	114	65-142	
1,1,2-Trichloroethane	20.0	0.58 U	18.9	95	74-125	
1,1-Dichloroethane	20.0	1.0 U	16.5	82	73-130	
1,1-Dichloroethene	20.0	1.0 U	20.0	100	68-133	
1,2,3-Trichlorobenzene	20.0	1.0 U	19.7	98	55-150	
1,2,4-Trichlorobenzene	20.0	1.0 U	19.8	99	67-132	
1,2,4-Trimethylbenzene	20.0	1.0 U	17.5	88	75-125	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	17.1	86	58-132	
1,2-Dichlorobenzene	20.0	1.0 U	19.0	95	80-120	
1,2-Dichloroethane	20.0	0.30 U	16.2	81	66-129	
1,2-Dichloropropane	20.0	0.92 U	14.6	73	72-128	
1,3,5-Trimethylbenzene	20.0	1.0 U	18.1	90	75-125	
1,3-Dichlorobenzene	20.0	1.0 U	18.7	94	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	19.4	97	80-120	
2-Butanone (MEK)	100	5.0 U	97.8	98	65-142	
2-Hexanone	100	5.0 U	60.8	61	72-134	*
4-Methyl-2-pentanone (MIBK)	100	5.0 U	104	104	77-130	
Acetone	100	5.0 U	86.0	86	60-133	
Benzene	20.0	0.45 U	16.4	82	71-126	
Bromoform	20.0	1.0 U	18.9	95	58-128	
Bromomethane	20.0	1.0 U	19.9	100	33-150	
Carbon disulfide	20.0	1.0 U	17.2	86	35-150	
Carbon tetrachloride	20.0	1.0 U	21.4	107	65-131	
Chlorobenzene	20.0	1.0 U	20.0	100	80-120	
Chlorobromomethane	20.0	1.0 U	22.0	110	71-134	
Chlorodibromomethane	20.0	0.78 U	18.4	92	73-121	
Chloroethane	20.0	1.0 U	16.9	85	54-150	
Chloroform	20.0	0.74 J	19.0	91	78-125	
Chloromethane	20.0	1.0 U	16.2	81	43-149	
cis-1,2-Dichloroethene	20.0	1.0 U	18.8	94	78-121	
cis-1,3-Dichloropropene	20.0	0.45 U	15.0	75	74-125	
Cyclohexane	20.0	1.0 U	21.3	107	64-142	
Dichlorobromomethane	20.0	0.98 U	17.2	86	76-121	
Dichlorodifluoromethane	20.0	1.0 U	28.3	142	38-144	
Ethylbenzene	20.0	1.0 U	18.1	91	78-120	
Ethylene Dibromide	20.0	1.0 U	17.3	86	79-126	
Isopropylbenzene	20.0	1.0 U	18.6	93	79-125	
Methyl acetate	40.0	5.0 U	29.0	72	50-147	
Methyl tert-butyl ether	20.0	1.0 U	17.2	86	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F59697.D

Lab ID: 460-344099-2 MS Client ID: MW-7_20260128 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	1.0 U	20.5	103	63-138	
Methylene Chloride	20.0	1.0 U	18.3	92	74-127	
m-Xylene & p-Xylene	20.0	1.0 U	19.0	95	78-120	
n-Butylbenzene	20.0	1.0 U	16.4	82	69-135	
N-Propylbenzene	20.0	1.0 U	16.8	84	68-129	
o-Xylene	20.0	1.0 U	18.6	93	78-120	
sec-Butylbenzene	20.0	1.0 U	18.4	92	77-129	
Styrene	20.0	1.0 U	17.9	90	82-127	
tert-Butylbenzene	20.0	1.0 U	18.4	92	78-120	
Tetrachloroethene	20.0	91	99.1	43	70-127	*
Toluene	20.0	1.0 U	17.2	86	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	19.2	96	70-126	
trans-1,3-Dichloropropene	20.0	0.45 U	15.5	78	71-127	
Trichloroethene	20.0	0.63	19.3	93	73-121	
Trichlorofluoromethane	20.0	1.0 U	23.5	118	62-134	
Vinyl chloride	20.0	1.0 U	17.7	89	55-144	
Xylenes, Total	40.0	2.0 U	37.7	94	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F59698.D

Lab ID: 460-344099-2 MSD Client ID: MW-7_20260128 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.4	102	3	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	15.9	80	7	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	24.2	121	6	30	65-142	
1,1,2-Trichloroethane	20.0	20.0	100	5	30	74-125	
1,1-Dichloroethane	20.0	17.3	87	5	30	73-130	
1,1-Dichloroethene	20.0	20.7	103	4	30	68-133	
1,2,3-Trichlorobenzene	20.0	21.2	106	8	30	55-150	
1,2,4-Trichlorobenzene	20.0	20.8	104	5	30	67-132	
1,2,4-Trimethylbenzene	20.0	18.4	92	5	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	18.8	94	9	30	58-132	
1,2-Dichlorobenzene	20.0	19.3	97	2	30	80-120	
1,2-Dichloroethane	20.0	16.6	83	3	30	66-129	
1,2-Dichloropropane	20.0	15.1	75	3	30	72-128	
1,3,5-Trimethylbenzene	20.0	18.6	93	3	30	75-125	
1,3-Dichlorobenzene	20.0	19.8	99	5	30	80-120	
1,4-Dichlorobenzene	20.0	20.2	101	4	30	80-120	
2-Butanone (MEK)	100	109	109	11	30	65-142	
2-Hexanone	100	65.4	65	7	30	72-134	*
4-Methyl-2-pentanone (MIBK)	100	105	105	1	30	77-130	
Acetone	100	84.8	85	1	30	60-133	
Benzene	20.0	17.0	85	4	30	71-126	
Bromoform	20.0	19.9	99	5	30	58-128	
Bromomethane	20.0	20.0	100	0	30	33-150	
Carbon disulfide	20.0	17.4	87	1	30	35-150	
Carbon tetrachloride	20.0	21.6	108	1	30	65-131	
Chlorobenzene	20.0	20.0	100	0	30	80-120	
Chlorobromomethane	20.0	22.6	113	2	30	71-134	
Chlorodibromomethane	20.0	19.3	97	5	30	73-121	
Chloroethane	20.0	17.5	88	4	30	54-150	
Chloroform	20.0	19.7	95	4	30	78-125	
Chloromethane	20.0	16.7	84	3	30	43-149	
cis-1,2-Dichloroethene	20.0	19.5	98	4	30	78-121	
cis-1,3-Dichloropropene	20.0	15.3	76	1	30	74-125	
Cyclohexane	20.0	21.5	107	1	30	64-142	
Dichlorobromomethane	20.0	18.0	90	4	30	76-121	
Dichlorodifluoromethane	20.0	28.5	143	1	30	38-144	
Ethylbenzene	20.0	18.8	94	4	30	78-120	
Ethylene Dibromide	20.0	17.8	89	3	30	79-126	
Isopropylbenzene	20.0	19.3	97	4	30	79-125	
Methyl acetate	40.0	32.9	82	13	30	50-147	
Methyl tert-butyl ether	20.0	17.4	87	1	30	72-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F59698.D

Lab ID: 460-344099-2 MSD Client ID: MW-7_20260128 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	21.0	105	2	30	63-138	
Methylene Chloride	20.0	18.2	91	1	30	74-127	
m-Xylene & p-Xylene	20.0	19.2	96	1	30	78-120	
n-Butylbenzene	20.0	17.3	87	5	30	69-135	
N-Propylbenzene	20.0	17.6	88	4	30	68-129	
o-Xylene	20.0	18.9	94	1	30	78-120	
sec-Butylbenzene	20.0	18.8	94	2	30	77-129	
Styrene	20.0	18.0	90	0	30	82-127	
tert-Butylbenzene	20.0	19.0	95	3	30	78-120	
Tetrachloroethene	20.0	100	49	1	30	70-127	*
Toluene	20.0	17.8	89	3	30	78-120	
trans-1,2-Dichloroethene	20.0	19.5	97	1	30	70-126	
trans-1,3-Dichloropropene	20.0	15.2	76	2	30	71-127	
Trichloroethene	20.0	19.7	95	2	30	73-121	
Trichlorofluoromethane	20.0	24.3	121	3	30	62-134	
Vinyl chloride	20.0	18.0	90	2	30	55-144	
Xylenes, Total	40.0	38.1	95	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Lab File ID: F59689.D Lab Sample ID: MB 460-1088584/10

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS6 Date Analyzed: 02/03/2026 09:55

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1088584/5	F59684.D	02/03/2026 08:10
	LCSD 460-1088584/6	F59685.D	02/03/2026 08:31
MW-7_20260128 MS	460-344099-2 MS	F59697.D	02/03/2026 12:42
MW-7_20260128 MSD	460-344099-2 MSD	F59698.D	02/03/2026 13:02
FB-01_20260128	460-344099-5	F59703.D	02/03/2026 14:46
TB-01_20260128	460-344099-6	F59704.D	02/03/2026 15:07
MW-7_20260128	460-344099-2	F59705.D	02/03/2026 15:28
MW-8_20260128	460-344099-1	F59706.D	02/03/2026 15:49
MW-6_20260128	460-344099-3	F59707.D	02/03/2026 16:10
DUP-01_20260128	460-344099-4	F59708.D	02/03/2026 16:31

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Lab File ID: F59220.D BFB Injection Date: 01/20/2026

Instrument ID: CVOAMS6 BFB Injection Time: 23:01

Analysis Batch No.: 1086534

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (145.2) 1
96	5 - 9% of m/z 95	6.8
173	Less than 2% of m/z 174	1.0 (1.5) 1
174	50 - 200% of m/z 95	68.9
175	5 - 9% of m/z 174	4.4 (6.4) 1
176	95 -105% of m/z 174	70.3 (102.0) 1
177	5 - 10% of m/z 176	3.7 (5.3) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-1086534/3	F59222.D	01/21/2026	0:00
	STD7 460-1086534/4	F59223.D	01/21/2026	0:21
	STD1 460-1086534/6	F59225.D	01/21/2026	1:02
	STD5 460-1086534/7	F59226.D	01/21/2026	1:23
	STD20 460-1086534/8	F59227.D	01/21/2026	1:44
	STD050 460-1086534/9	F59228.D	01/21/2026	2:05
	STD200 460-1086534/10	F59229.D	01/21/2026	2:25
	STD500 460-1086534/11	F59230.D	01/21/2026	2:46
	ICV 460-1086534/17	F59236.D	01/21/2026	4:52

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Sample No.: STD20 460-1086534/8 Date Analyzed: 01/21/2026 01:44

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): F59227.D Heated Purge: (Y/N) N

Calibration ID: 103783

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		220798	2.52	208212	3.44	677725	4.41
UPPER LIMIT		441596	3.02	416424	3.94	1355450	4.91
LOWER LIMIT		110399	2.02	104106	2.94	338863	3.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1086534/17		244371	2.52	246176	3.43	791608	4.40

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Sample No.: STD20 460-1086534/8 Date Analyzed: 01/21/2026 01:44

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): F59227.D Heated Purge: (Y/N) N

Calibration ID: 103783

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		27098	5.04	466142	7.63	246297	9.97
UPPER LIMIT		54196	5.54	932284	8.13	492594	10.47
LOWER LIMIT		13549	4.54	233071	7.13	123149	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1086534/17		29031	5.05	523691	7.63	280648	9.97

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Sample No.: CCVIS 460-1088584/4 Date Analyzed: 02/03/2026 07:29

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): F59683.D Heated Purge: (Y/N) N

Calibration ID: 103783

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		147900	2.52	132533	3.44	546721	4.41
UPPER LIMIT		295800	3.02	265066	3.94	1093442	4.91
LOWER LIMIT		73950	2.02	66267	2.94	273361	3.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1088584/5		168204	2.52	147529	3.44	611015	4.40
LCSD 460-1088584/6		143354	2.52	123335	3.44	542627	4.40
MB 460-1088584/10		150658	2.53	122872	3.44	556204	4.41
460-344099-2 MS	MW-7_20260128 MS	160147	2.52	125638	3.44	552840	4.40
460-344099-2 MSD	MW-7_20260128 MSD	154017	2.52	127807	3.44	550956	4.40
460-344099-5	FB-01_20260128	150872	2.52	110962	3.44	555408	4.40
460-344099-6	TB-01_20260128	148670	2.52	114179	3.44	555813	4.41
460-344099-2	MW-7_20260128	152367	2.52	112743	3.44	539810	4.41
460-344099-1	MW-8_20260128	162836	2.53	124627	3.44	563602	4.41
460-344099-3	MW-6_20260128	153754	2.52	115409	3.44	541888	4.41
460-344099-4	DUP-01_20260128	159180	2.52	121827	3.44	548815	4.41

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Sample No.: CCVIS 460-1088584/4 Date Analyzed: 02/03/2026 07:29

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): F59683.D Heated Purge: (Y/N) N

Calibration ID: 103783

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		18345	5.05	411624	7.63	238798	9.97
UPPER LIMIT		36690	5.55	823248	8.13	477596	10.47
LOWER LIMIT		9173	4.55	205812	7.13	119399	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1088584/5		24523	5.05	458813	7.63	263619	9.97
LCSD 460-1088584/6		21341	5.05	408879	7.63	233570	9.97
MB 460-1088584/10		18921	5.05	402357	7.63	227801	9.97
460-344099-2 MS	MW-7_20260128 MS	21263	5.04	414302	7.63	241223	9.97
460-344099-2 MSD	MW-7_20260128 MSD	20989	5.05	413762	7.63	241822	9.97
460-344099-5	FB-01_20260128	19631	5.05	408608	7.63	237886	9.97
460-344099-6	TB-01_20260128	18378	5.05	397555	7.63	241105	9.97
460-344099-2	MW-7_20260128	17805	5.05	397338	7.63	222892	9.97
460-344099-1	MW-8_20260128	22577	5.05	412518	7.63	243745	9.97
460-344099-3	MW-6_20260128	16878	5.05	398817	7.63	230224	9.97
460-344099-4	DUP-01_20260128	19491	5.05	404243	7.63	238475	9.97

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-8_20260128 | Lab Sample ID: 460-344099-1

Matrix: Water | Lab File ID: F59706.D

Analysis Method: 8260D | Date Collected: 01/28/2026 16:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 15:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U *	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-8_20260128 | Lab Sample ID: 460-344099-1

Matrix: Water | Lab File ID: F59706.D

Analysis Method: 8260D | Date Collected: 01/28/2026 16:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 15:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U *	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	3.8		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-8_20260128 | Lab Sample ID: 460-344099-1

Matrix: Water | Lab File ID: F59706.D

Analysis Method: 8260D | Date Collected: 01/28/2026 16:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 15:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-128
460-00-4	4-Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-132
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59706.D
Lims ID: 460-344099-B-1
Client ID: MW-8_20260128
Sample Type: Client
Inject. Date: 03-Feb-2026 15:49:30 ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-344099-B-1
Misc. Info.: 460-0202285-026
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Feb-2026 09:44:13 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: KG2Q Date: 04-Feb-2026 06:59:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 25 TBA-d9 (IS)	65	2.531	2.515	0.016	99	162836	1000.0	
* 38 2-Butanone-d5	46	3.435	3.435	0.000	91	124627	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.854	3.846	0.008	96	143448	53.7	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	89	112845	44.4	
* 61 Fluorobenzene	96	4.405	4.405	0.000	100	563602	50.0	
* 67 1,4-Dioxane-d8	96	5.054	5.046	0.008	37	22577	1000.0	
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	526206	46.4	
83 Tetrachloroethene	166	6.582	6.582	0.000	95	14313	3.82	M
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	82	412518	50.0	
$ 100 4-Bromofluorobenzene	174	9.064	9.064	0.000	95	161090	54.1	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	93	243745	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00085 Amount Added: 5.00 Units: uL Run Reagent

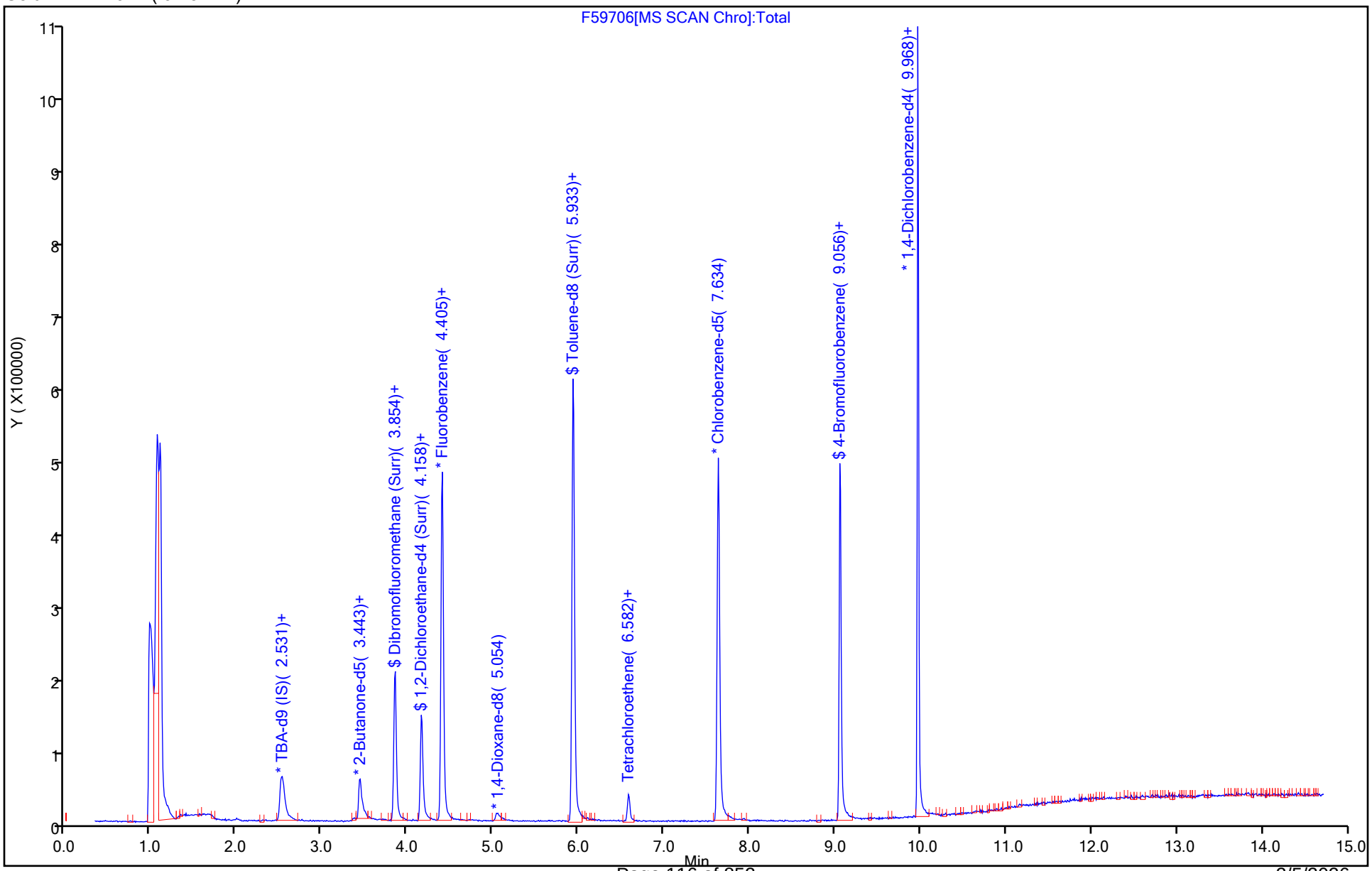
Report Date: 04-Feb-2026 09:44:14 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59706.D

Injection Date:	03-Feb-2026 15:49:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-344099-B-1	Lab Sample ID:	460-344099-1	Worklist Smp#:	26
Client ID:	MW-8_20260128				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



2/5/2026
8:39:33 AM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59706.D				
Lims ID:	460-344099-B-1				
Client ID:	MW-8_20260128				
Sample Type:	Client				
Inject. Date:	03-Feb-2026 15:49:30	ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-344099-B-1				
Misc. Info.:	460-0202285-026				
Operator ID:		Instrument ID:	CVOAMS6		
Method:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	04-Feb-2026 09:44:13	Calib Date:	21-Jan-2026 02:46:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1690				

First Level Reviewer: KG2Q Date: 04-Feb-2026 06:59:07

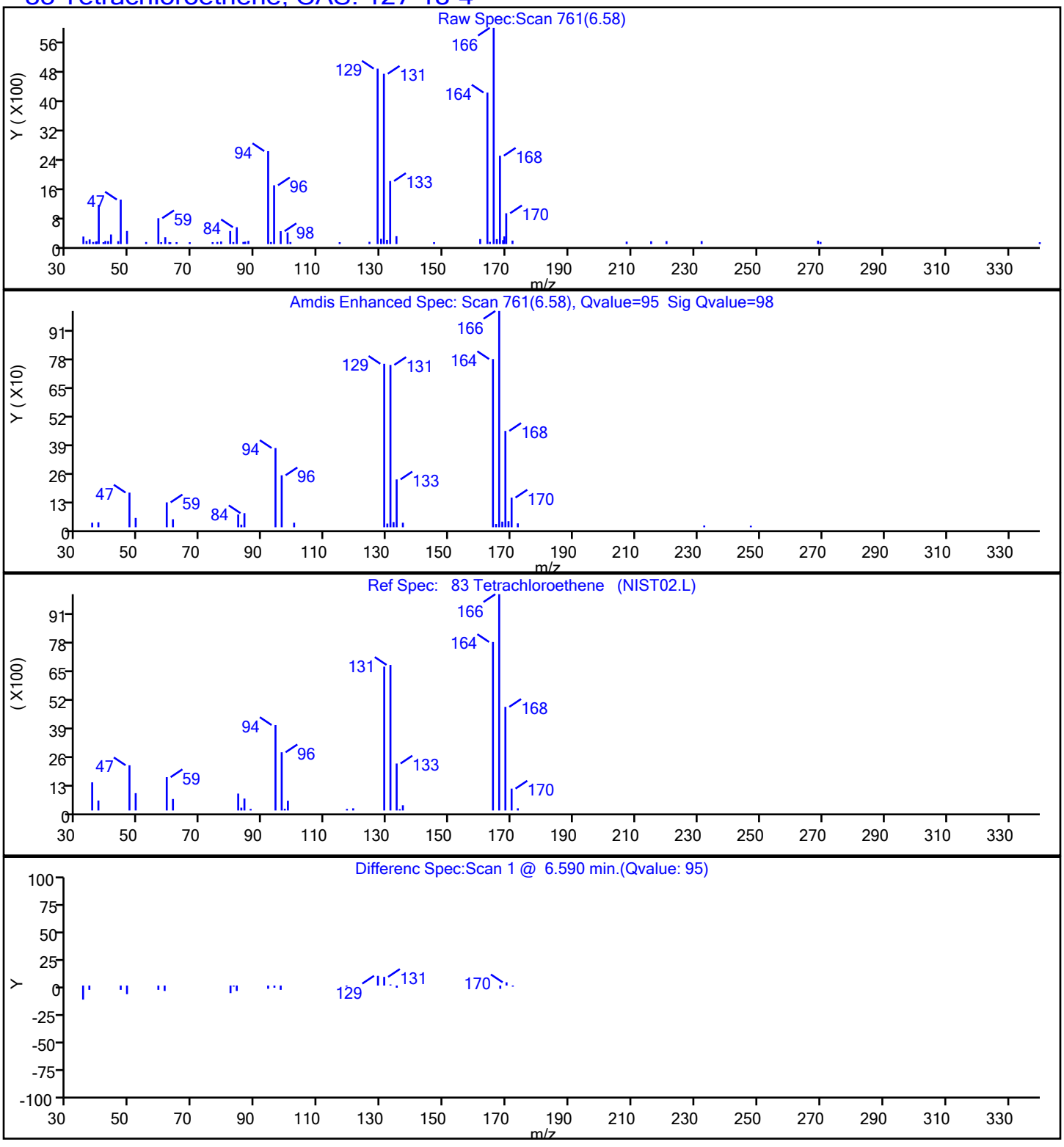
Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.7	107.41
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	44.4	88.72
$ 78 Toluene-d8 (Surr)	50.0	46.4	92.78
$ 100 4-Bromofluorobenzene	50.0	54.1	108.19

Report Date: 04-Feb-2026 09:44:14 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59706.D
Injection Date: 03-Feb-2026 15:49:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-1 Lab Sample ID: 460-344099-1
Client ID: MW-8_20260128
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

83 Tetrachloroethene, CAS: 127-18-4



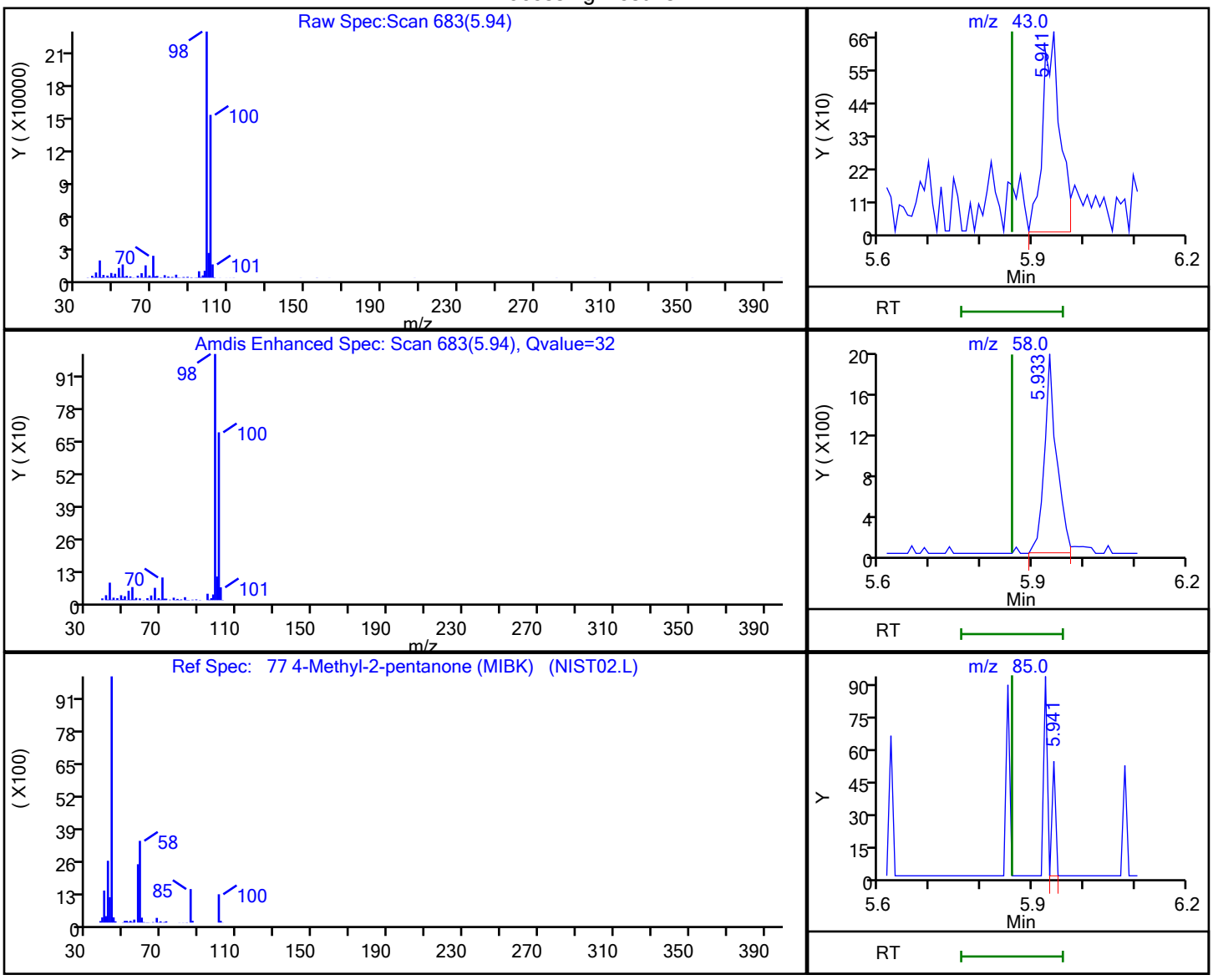
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59706.D				
Injection Date:	03-Feb-2026 15:49:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-1	Lab Sample ID:	460-344099-1		
Client ID:	MW-8_20260128				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.94	43.00	1594	1.034590
5.93	58.00	3195	
5.94	85.00	27	
5.93	100.00	358470	

Reviewer: KG2Q, 04-Feb-2026 06:56:32 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

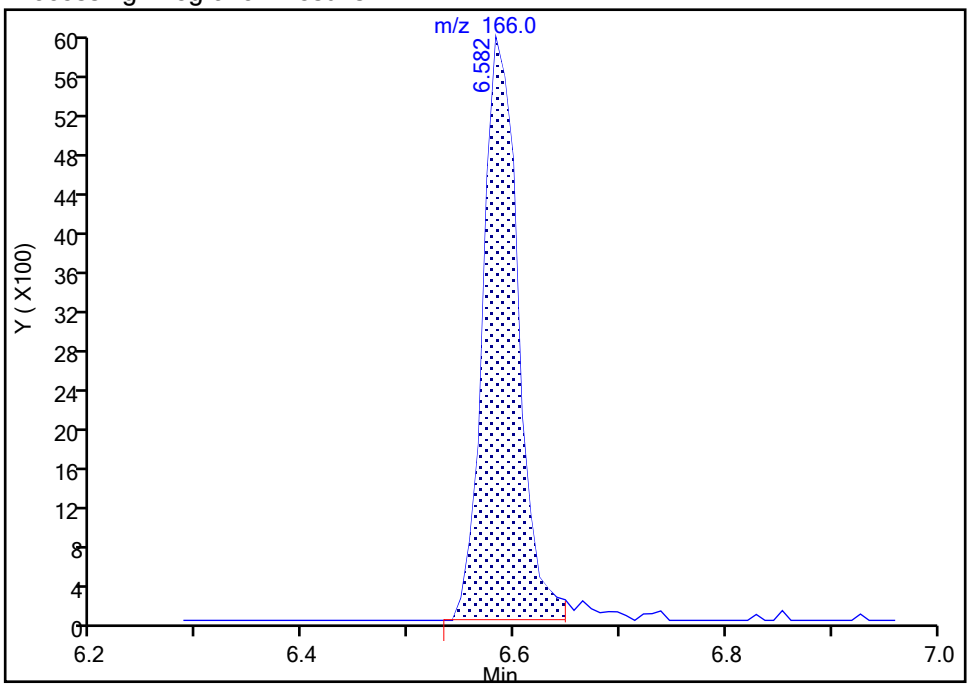
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59706.D		
Injection Date:	03-Feb-2026 15:49:30	Instrument ID:	CVOAMS6
Lims ID:	460-344099-B-1	Lab Sample ID:	460-344099-1
Client ID:	MW-8_20260128		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

Signal: 1

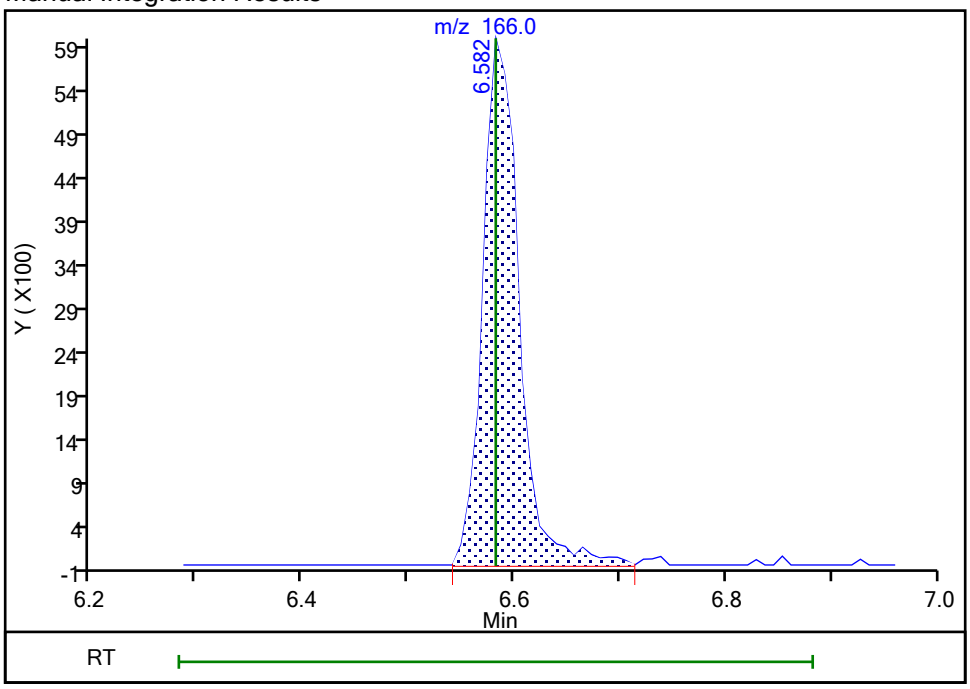
Processing Integration Results

RT: 6.58
Area: 13920
Amount: 3.716338
Amount Units: ug/l



Manual Integration Results

RT: 6.58
Area: 14313
Amount: 3.821260
Amount Units: ug/l



Reviewer: RD6L, 04-Feb-2026 09:44:10 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-7_20260128 | Lab Sample ID: 460-344099-2

Matrix: Water | Lab File ID: F59705.D

Analysis Method: 8260D | Date Collected: 01/28/2026 13:52

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 15:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U *	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.74	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-7_20260128 | Lab Sample ID: 460-344099-2

Matrix: Water | Lab File ID: F59705.D

Analysis Method: 8260D | Date Collected: 01/28/2026 13:52

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 15:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U *	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	91		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.63		0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-7_20260128 | Lab Sample ID: 460-344099-2

Matrix: Water | Lab File ID: F59705.D

Analysis Method: 8260D | Date Collected: 01/28/2026 13:52

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 15:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59705.D
Lims ID: 460-344099-B-2
Client ID: MW-7_20260128
Sample Type: Client
Inject. Date: 03-Feb-2026 15:28:30 ALS Bottle#: 25 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-344099-B-2
Misc. Info.: 460-0202285-025
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Feb-2026 10:47:16 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: KG2Q Date: 04-Feb-2026 06:56:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 25 TBA-d9 (IS)	65	2.523	2.515	0.008	99	152367	1000.0	
* 38 2-Butanone-d5	46	3.443	3.435	0.008	92	112743	250.0	
41 cis-1,2-Dichloroethene	96	3.476	3.468	0.008	46	951	0.2187	7M
48 Chloroform	83	3.714	3.706	0.008	98	4578	0.7379	
$ 50 Dibromofluoromethane (Surr)	113	3.854	3.846	0.008	97	133359	52.1	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	90	107799	44.2	
* 61 Fluorobenzene	96	4.405	4.405	0.000	100	539810	50.0	
63 Trichloroethene	95	4.725	4.725	0.000	93	2322	0.6250	
* 67 1,4-Dioxane-d8	96	5.046	5.046	0.000	37	17805	1000.0	
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	505440	46.3	
83 Tetrachloroethene	166	6.582	6.582	0.000	96	326506	90.5	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	82	397338	50.0	
$ 100 4-Bromofluorobenzene	174	9.064	9.064	0.000	94	149699	52.2	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	93	222892	50.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

VOA6IS/SURR_00085 Amount Added: 5.00 Units: uL Run Reagent

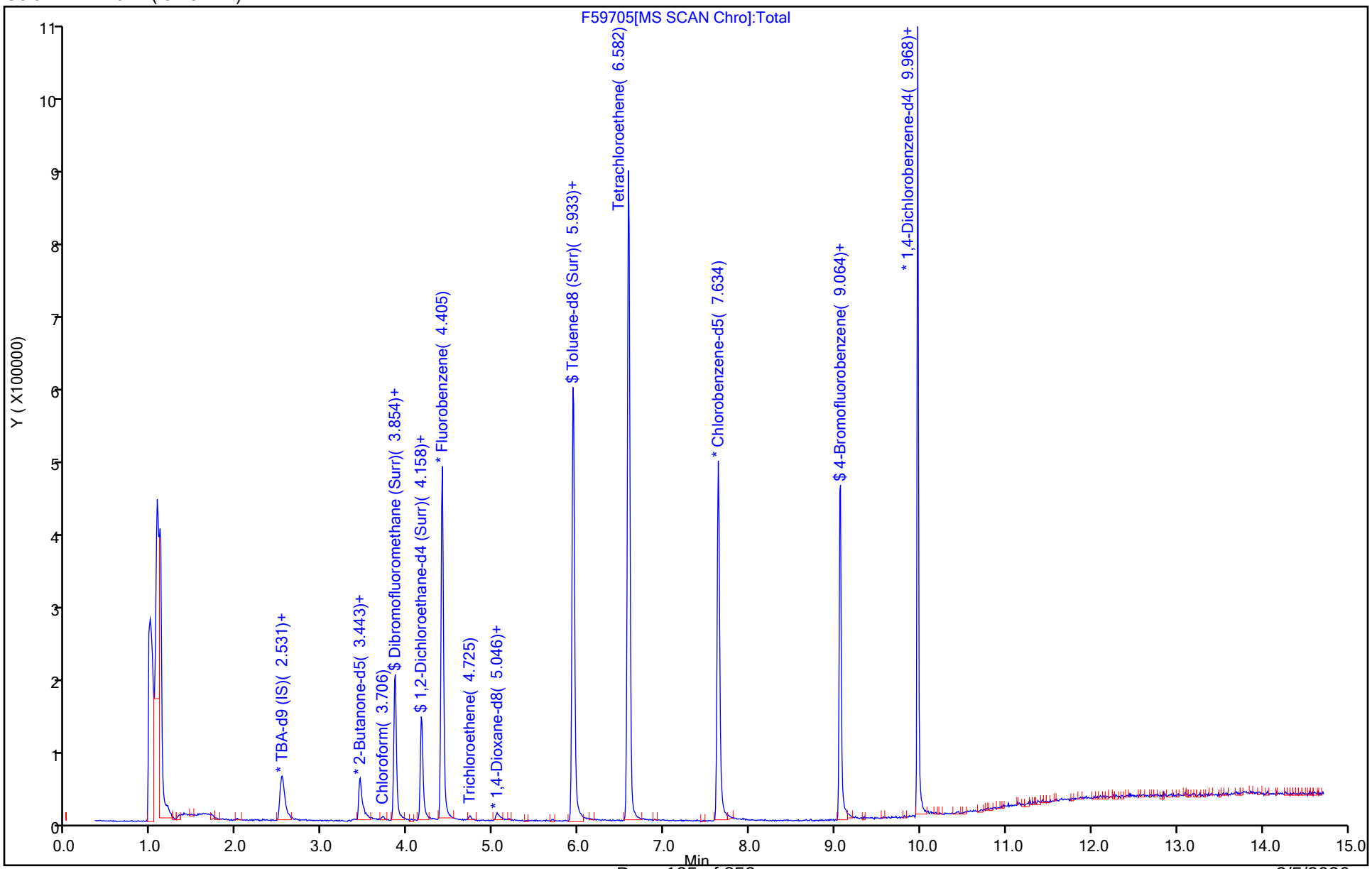
Report Date: 04-Feb-2026 10:47:17 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59705.D

Injection Date:	03-Feb-2026 15:28:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-344099-B-2	Lab Sample ID:	460-344099-2	Worklist Smp#:	25
Client ID:	MW-7_20260128				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



2/5/2026
8:39:33 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59705.D
Lims ID: 460-344099-B-2
Client ID: MW-7_20260128
Sample Type: Client
Inject. Date: 03-Feb-2026 15:28:30 ALS Bottle#: 25 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-344099-B-2
Misc. Info.: 460-0202285-025
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Feb-2026 10:47:16 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1714

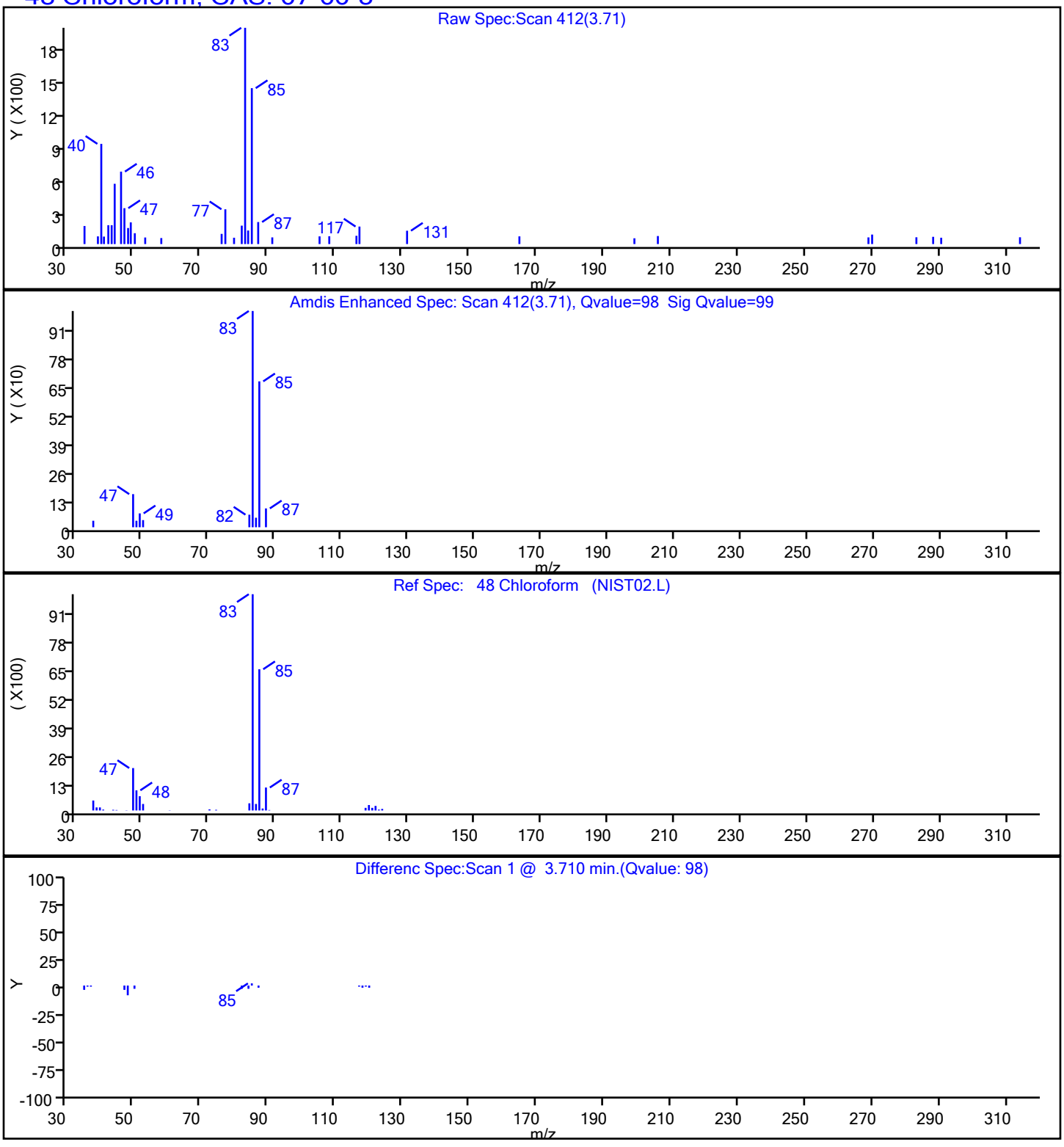
First Level Reviewer: KG2Q Date: 04-Feb-2026 06:56:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.1	104.25
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	44.2	88.49
$ 78 Toluene-d8 (Surr)	50.0	46.3	92.52
$ 100 4-Bromofluorobenzene	50.0	52.2	104.38

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59705.D
Injection Date: 03-Feb-2026 15:28:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-2 Lab Sample ID: 460-344099-2
Client ID: MW-7_20260128
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

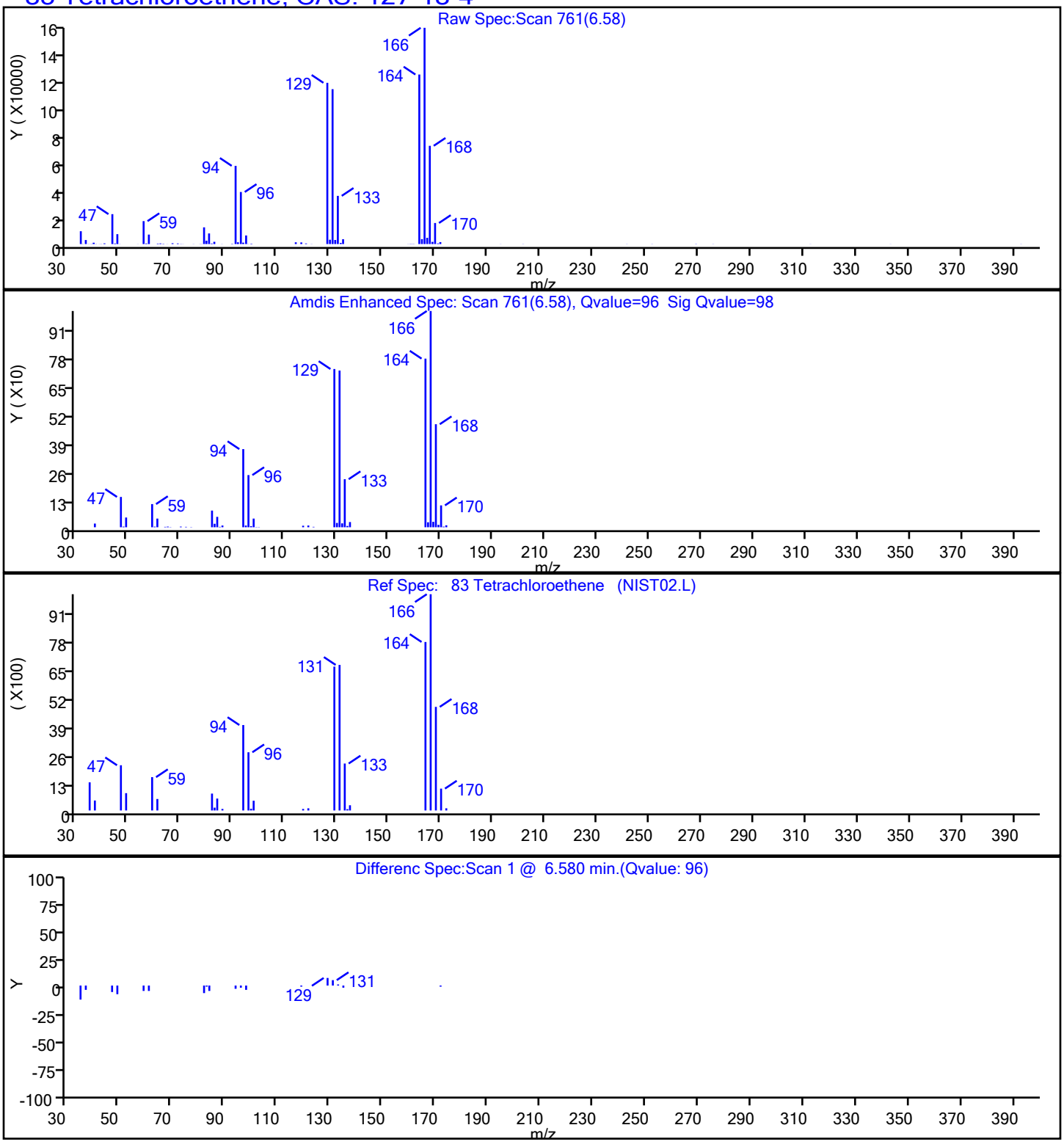
48 Chloroform, CAS: 67-66-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59705.D
Injection Date: 03-Feb-2026 15:28:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-2 Lab Sample ID: 460-344099-2
Client ID: MW-7_20260128
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

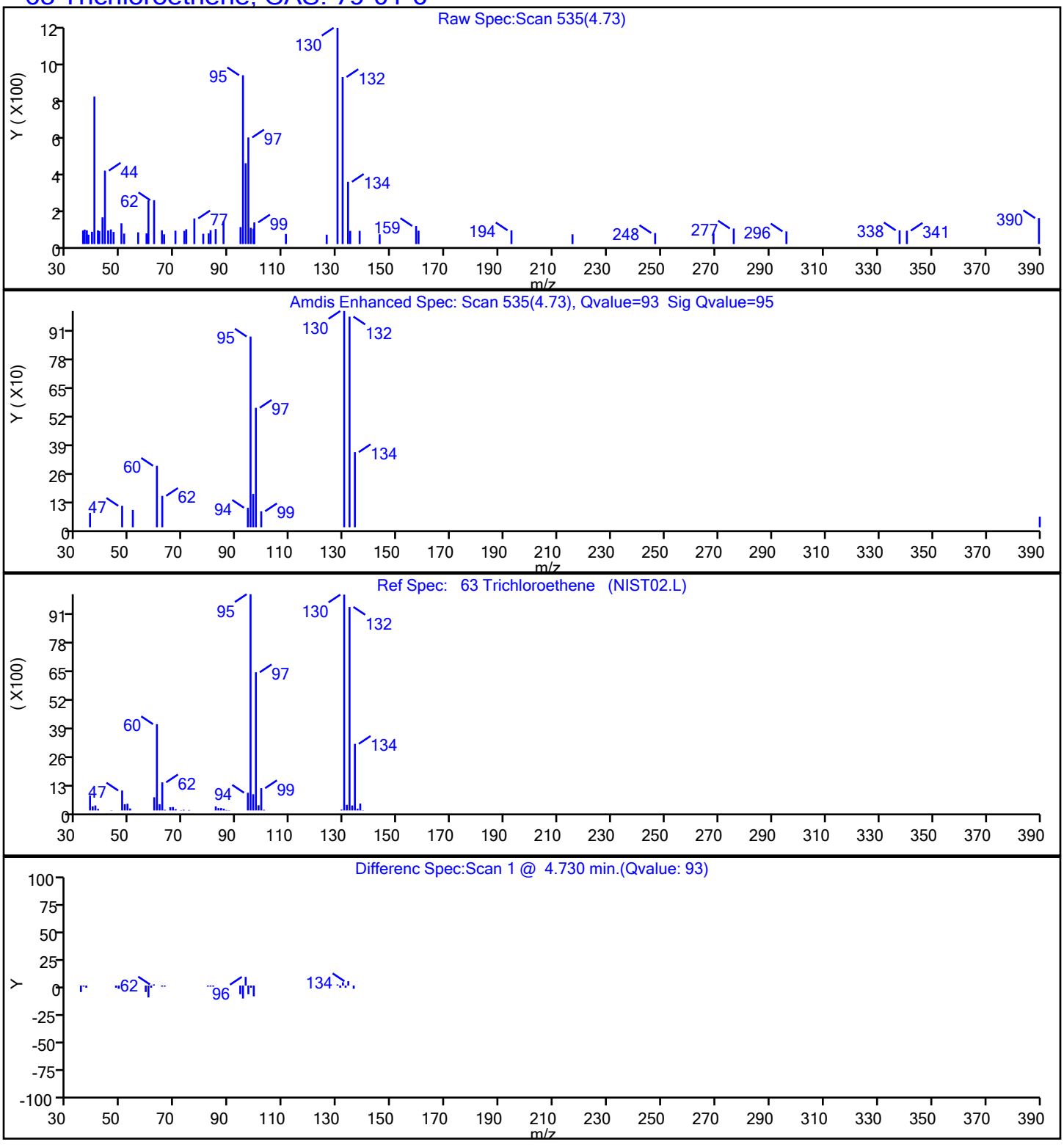
83 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59705.D		
Injection Date:	03-Feb-2026 15:28:30	Instrument ID:	CVOAMS6
Lims ID:	460-344099-B-2	Lab Sample ID:	460-344099-2
Client ID:	MW-7_20260128		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

63 Trichloroethene, CAS: 79-01-6



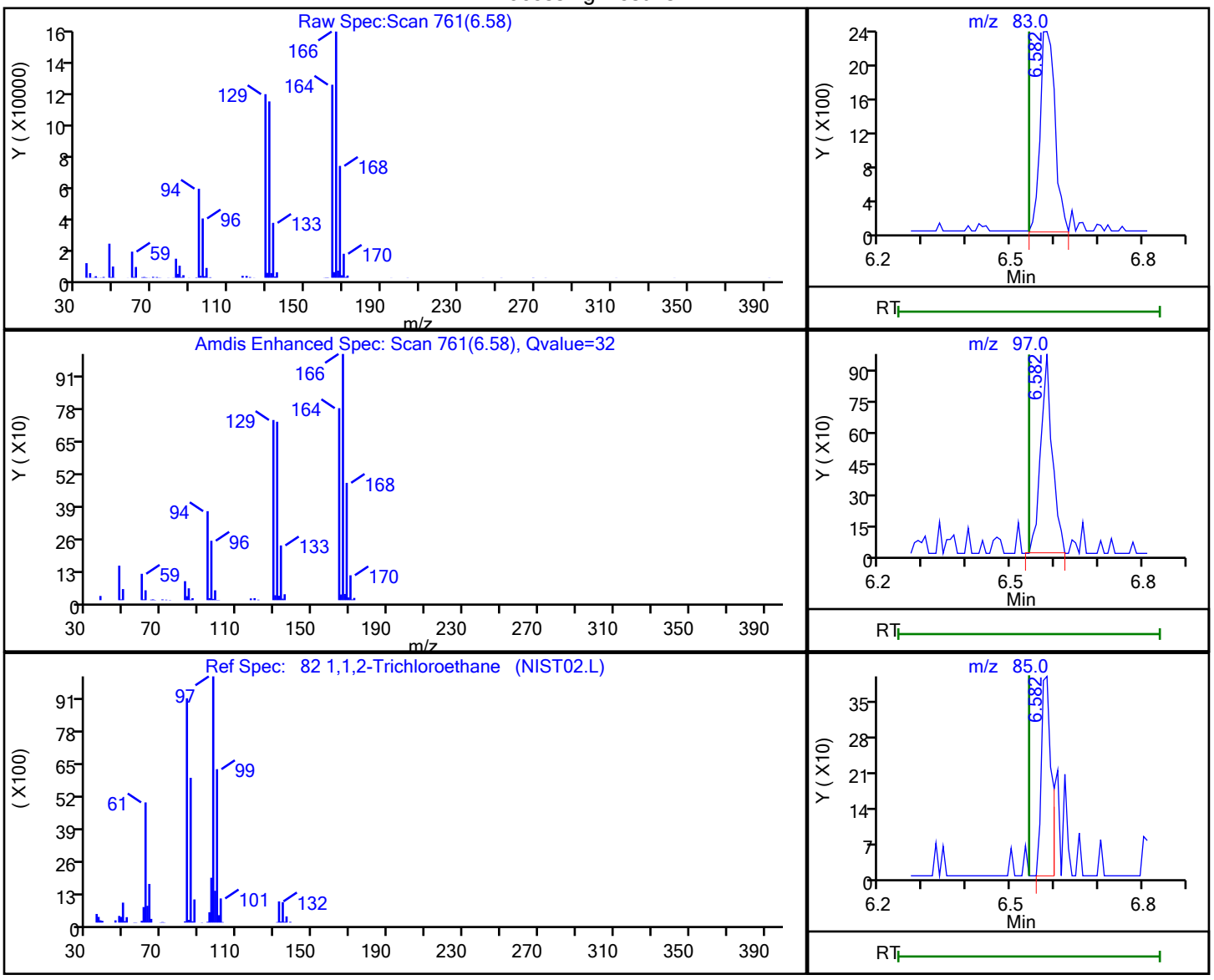
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59705.D				
Injection Date:	03-Feb-2026 15:28:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-2	Lab Sample ID:	460-344099-2		
Client ID:	MW-7_20260128				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.58	83.00	5535	2.201806
6.58	97.00	1790	
6.58	85.00	621	

Reviewer: KG2Q, 04-Feb-2026 06:56:08 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

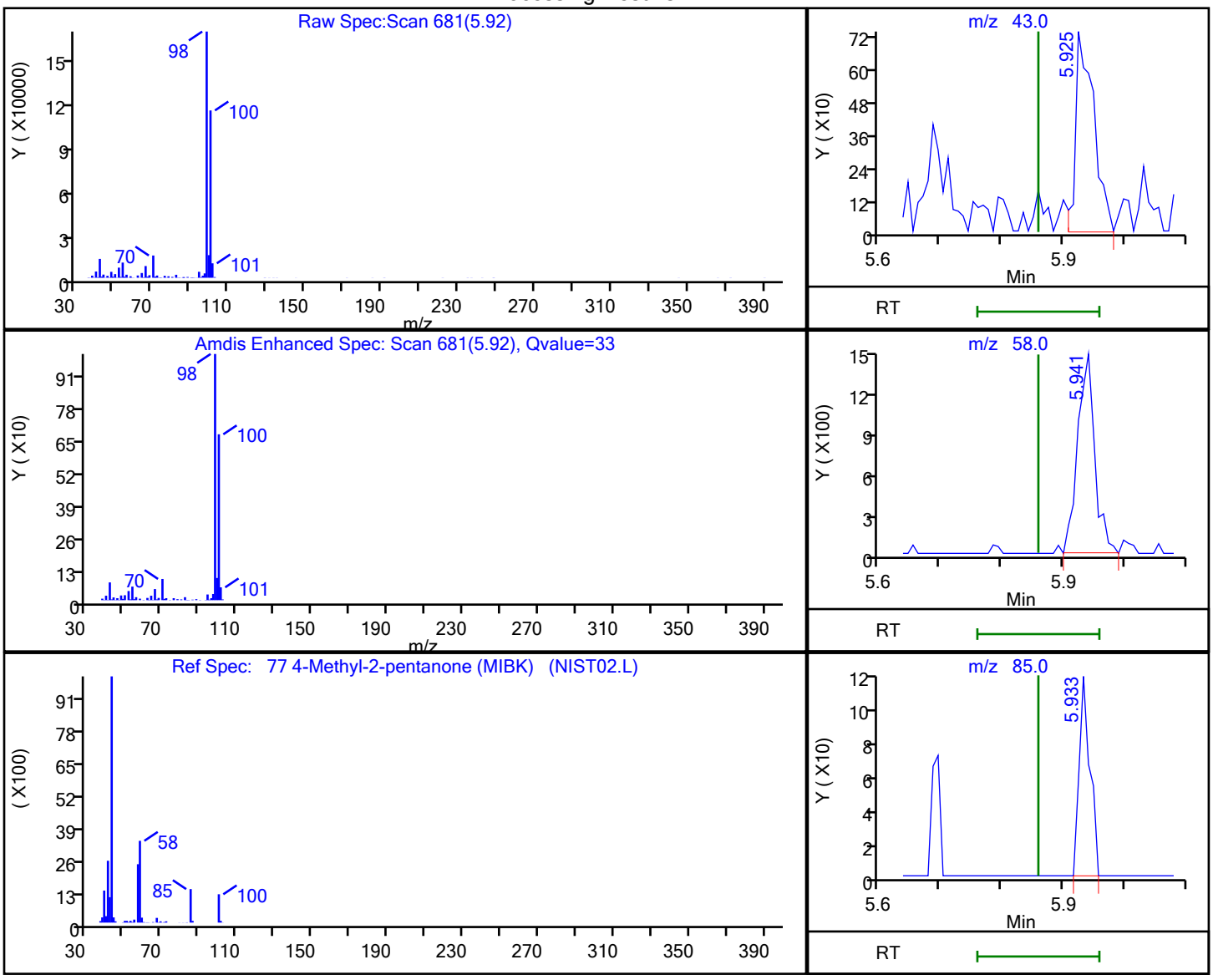
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59705.D				
Injection Date:	03-Feb-2026 15:28:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-2	Lab Sample ID:	460-344099-2		
Client ID:	MW-7_20260128				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.92	43.00	1506	1.080506
5.94	58.00	2856	
5.93	85.00	136	
5.93	100.00	346303	

Reviewer: KG2Q, 04-Feb-2026 06:56:06 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

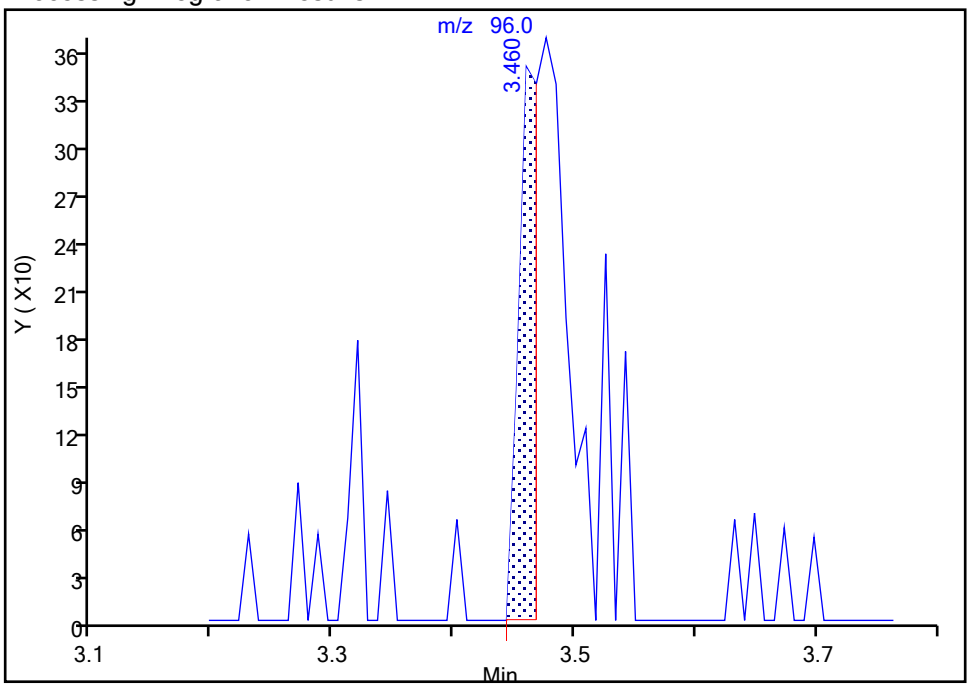
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59705.D				
Injection Date:	03-Feb-2026 15:28:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-2	Lab Sample ID:	460-344099-2		
Client ID:	MW-7_20260128				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

41 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

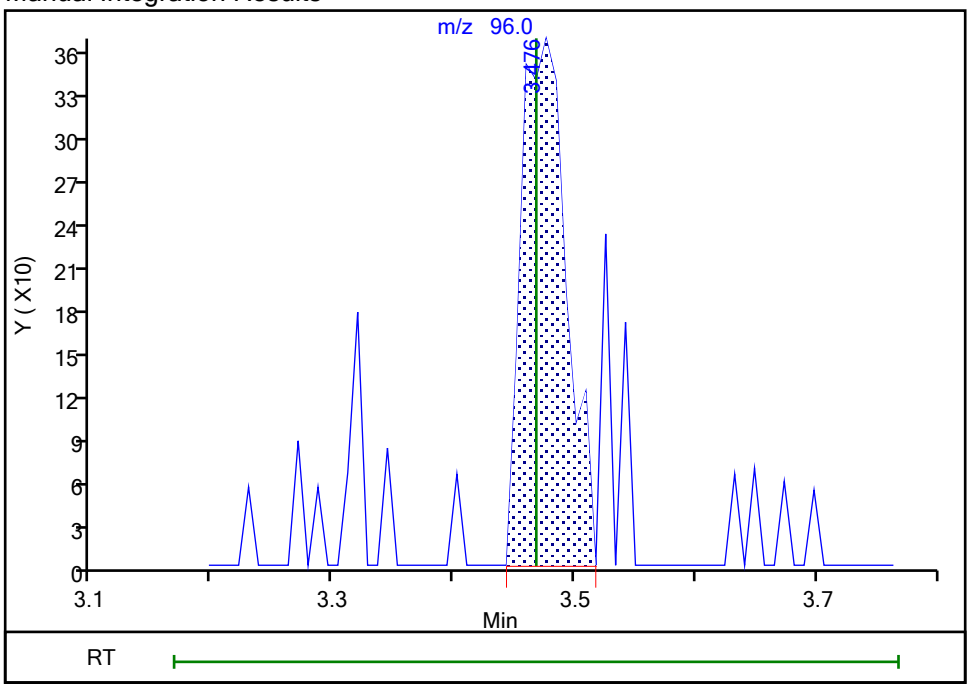
Processing Integration Results

RT: 3.46
Area: 407
Amount: 0.093587
Amount Units: ug/l



Manual Integration Results

RT: 3.48
Area: 951
Amount: 0.218677
Amount Units: ug/l



Reviewer: XE5L, 04-Feb-2026 10:47:00 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

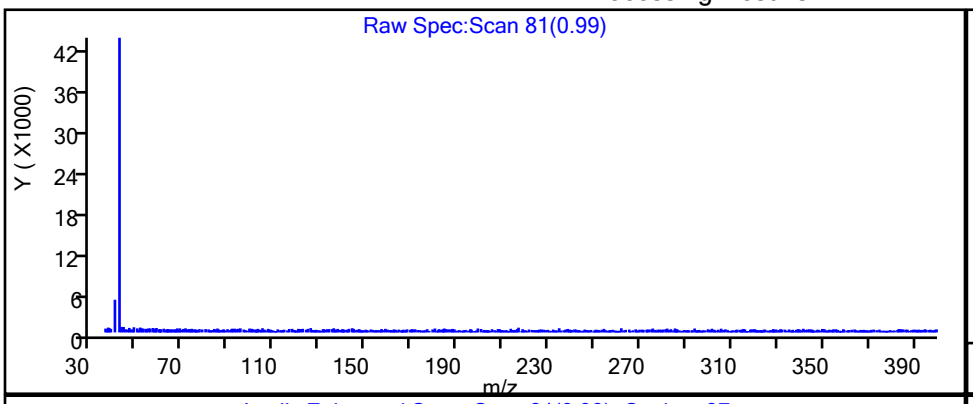
User Disabled Compound Report

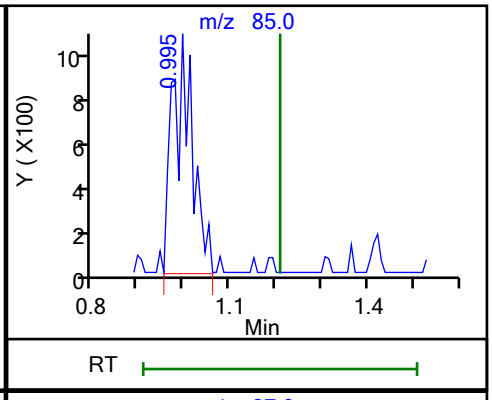
Eurofins Edison

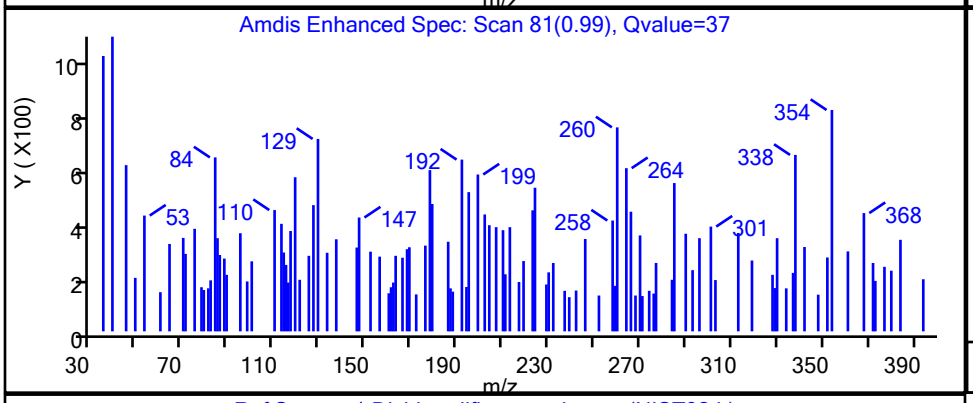
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59705.D				
Injection Date:	03-Feb-2026 15:28:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-2	Lab Sample ID:	460-344099-2		
Client ID:	MW-7_20260128				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

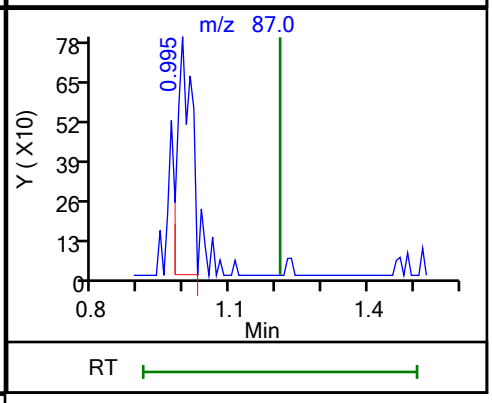
1 Dichlorodifluoromethane, CAS: 75-71-8

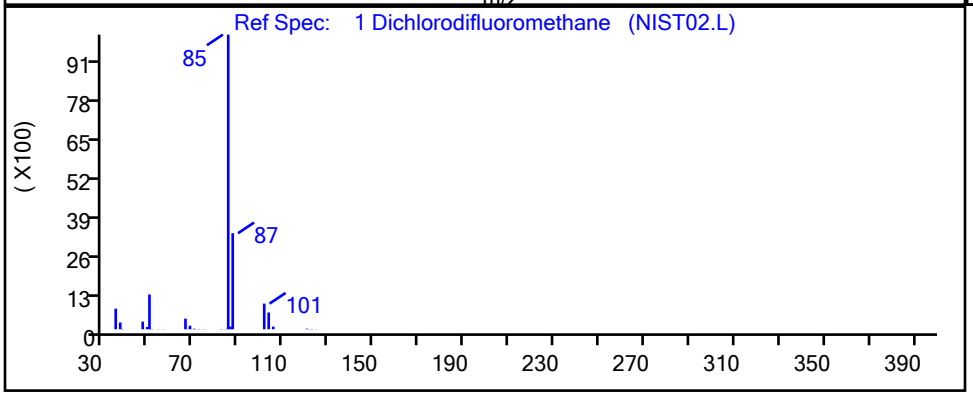
Processing Results











RT	Mass	Response	Amount
0.99	85.00	3041	0.675375
0.99	87.00	1644	

Reviewer: KG2Q, 04-Feb-2026 06:55:44 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-6_20260128 | Lab Sample ID: 460-344099-3

Matrix: Water | Lab File ID: F59707.D

Analysis Method: 8260D | Date Collected: 01/28/2026 12:55

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 16:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U *	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.63	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-6_20260128 | Lab Sample ID: 460-344099-3

Matrix: Water | Lab File ID: F59707.D

Analysis Method: 8260D | Date Collected: 01/28/2026 12:55

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 16:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U *	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	95		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.61		0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-6_20260128 | Lab Sample ID: 460-344099-3

Matrix: Water | Lab File ID: F59707.D

Analysis Method: 8260D | Date Collected: 01/28/2026 12:55

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 16:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-132
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59707.D
Lims ID: 460-344099-B-3
Client ID: MW-6_20260128
Sample Type: Client
Inject. Date: 03-Feb-2026 16:10:30 ALS Bottle#: 27 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-344099-B-3
Misc. Info.: 460-0202285-027
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Feb-2026 09:44:13 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: KG2Q Date: 04-Feb-2026 06:59:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 25 TBA-d9 (IS)	65	2.523	2.515	0.008	99	153754	1000.0	
* 38 2-Butanone-d5	46	3.435	3.435	0.000	93	115409	250.0	
48 Chloroform	83	3.706	3.706	0.000	99	3944	0.6333	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	95	139327	54.3	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	90	105188	43.0	
* 61 Fluorobenzene	96	4.405	4.405	0.000	100	541888	50.0	
63 Trichloroethene	95	4.725	4.725	0.000	91	2282	0.6119	
* 67 1,4-Dioxane-d8	96	5.046	5.046	0.000	36	16878	1000.0	
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	507854	46.3	
83 Tetrachloroethene	166	6.582	6.582	0.000	96	343208	94.8	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	82	398817	50.0	
$ 100 4-Bromofluorobenzene	174	9.056	9.064	-0.008	93	149328	51.9	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	93	230224	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00085 Amount Added: 5.00 Units: uL Run Reagent

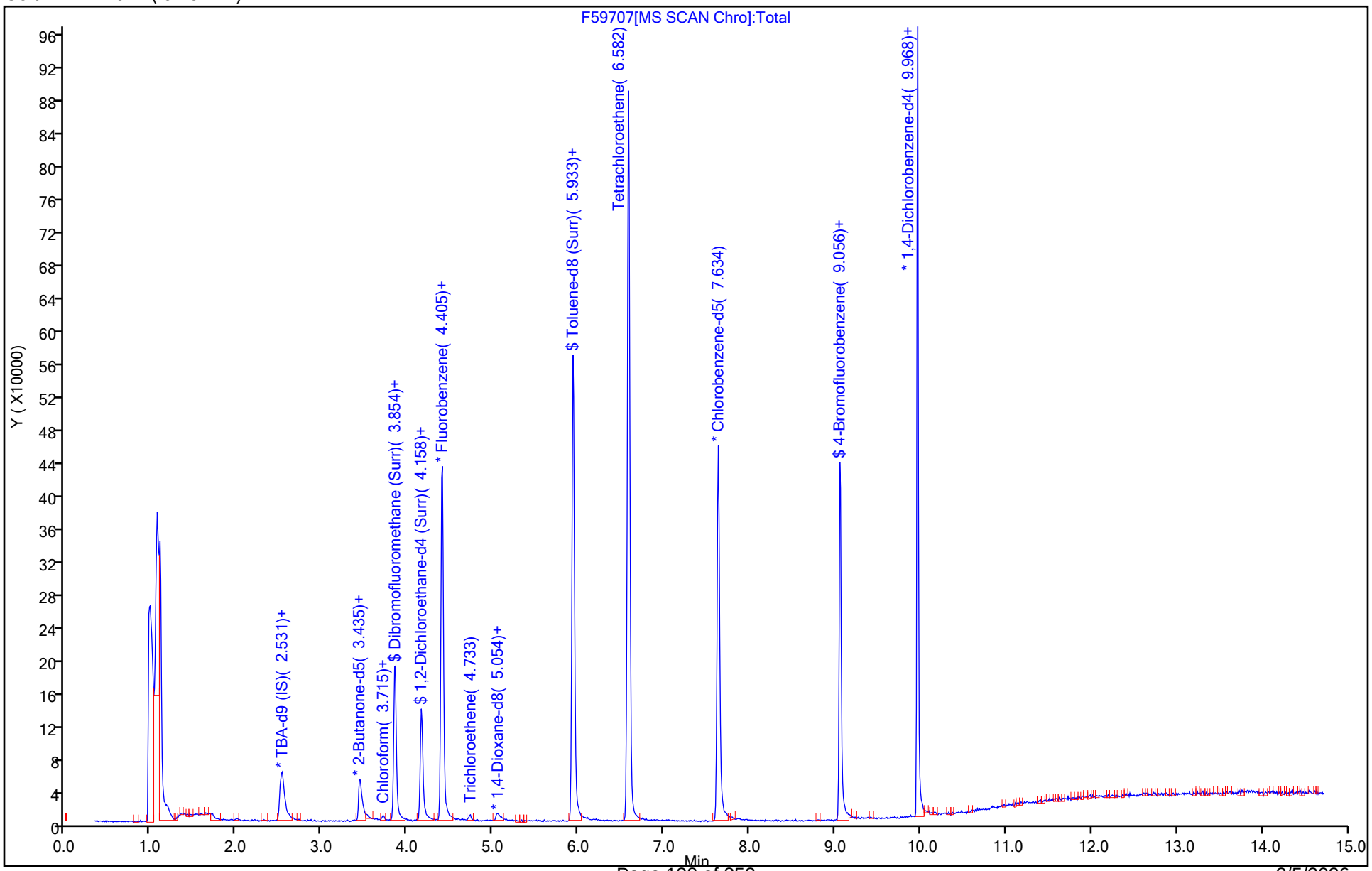
Report Date: 04-Feb-2026 09:44:59 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59707.D

Injection Date:	03-Feb-2026 16:10:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-344099-B-3	Lab Sample ID:	460-344099-3	Worklist Smp#:	27
Client ID:	MW-6_20260128				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



2/5/2026
8:39:33 AM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59707.D				
Lims ID:	460-344099-B-3				
Client ID:	MW-6_20260128				
Sample Type:	Client				
Inject. Date:	03-Feb-2026 16:10:30	ALS Bottle#:	27	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-344099-B-3				
Misc. Info.:	460-0202285-027				
Operator ID:		Instrument ID:	CVOAMS6		
Method:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	04-Feb-2026 09:44:13	Calib Date:	21-Jan-2026 02:46:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1690				

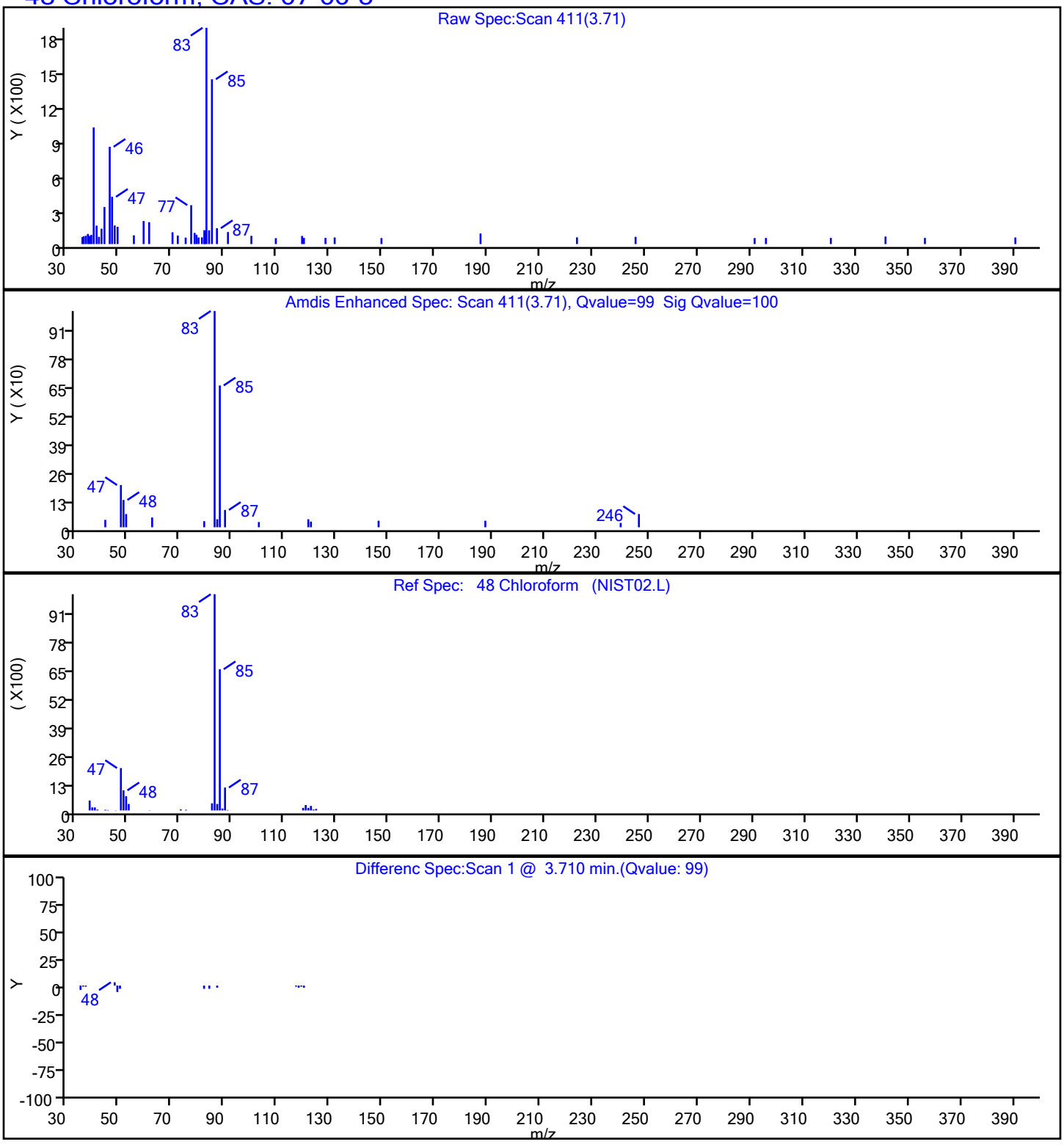
First Level Reviewer: KG2Q Date: 04-Feb-2026 06:59:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	54.3	108.50
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	43.0	86.01
$ 78 Toluene-d8 (Surr)	50.0	46.3	92.62
$ 100 4-Bromofluorobenzene	50.0	51.9	103.74

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59707.D
Injection Date: 03-Feb-2026 16:10:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-3 Lab Sample ID: 460-344099-3
Client ID: MW-6_20260128
Operator ID: ALS Bottle#: 27 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

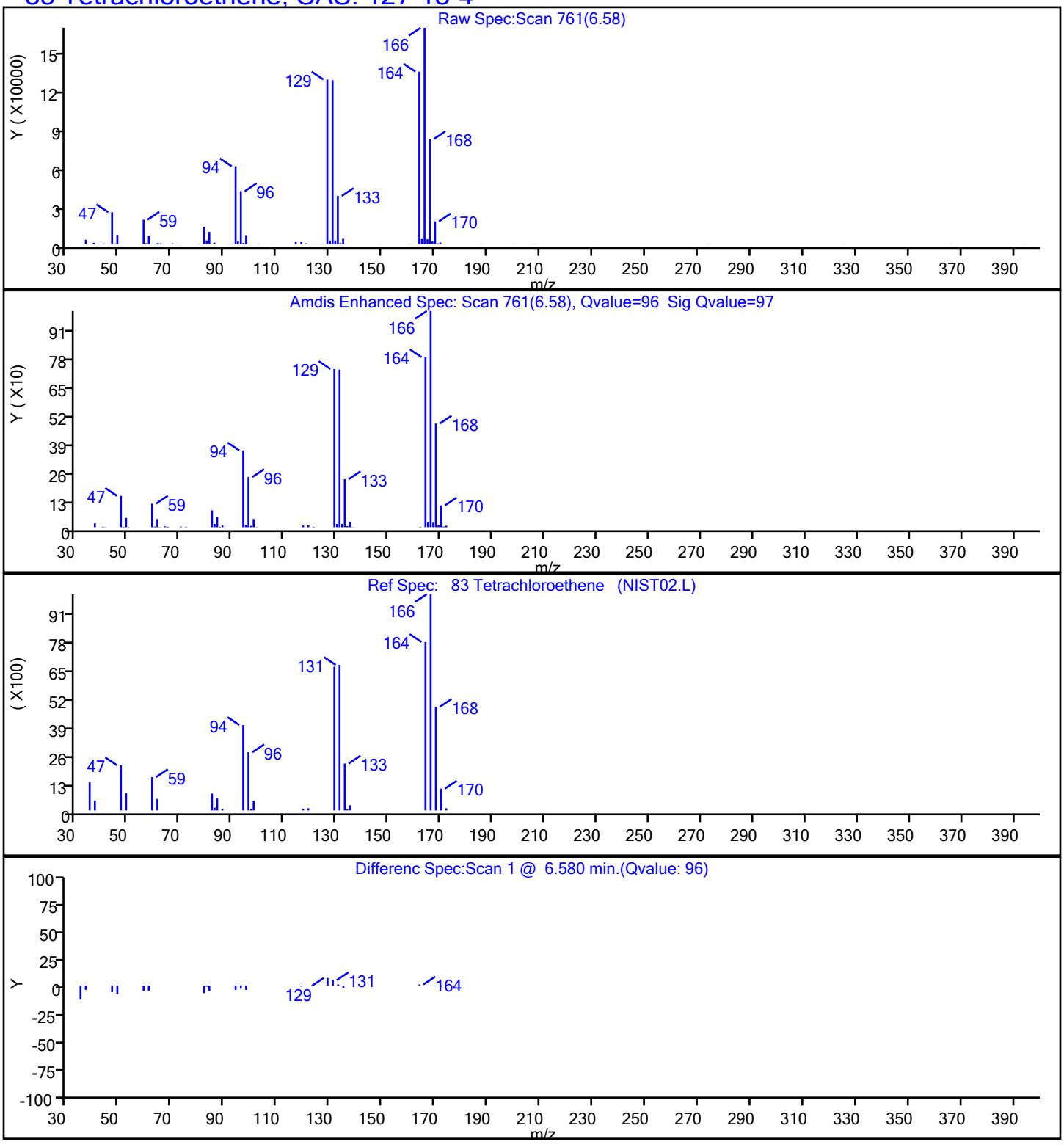
48 Chloroform, CAS: 67-66-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59707.D		
Injection Date:	03-Feb-2026 16:10:30	Instrument ID:	CVOAMS6
Lims ID:	460-344099-B-3	Lab Sample ID:	460-344099-3
Client ID:	MW-6_20260128		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

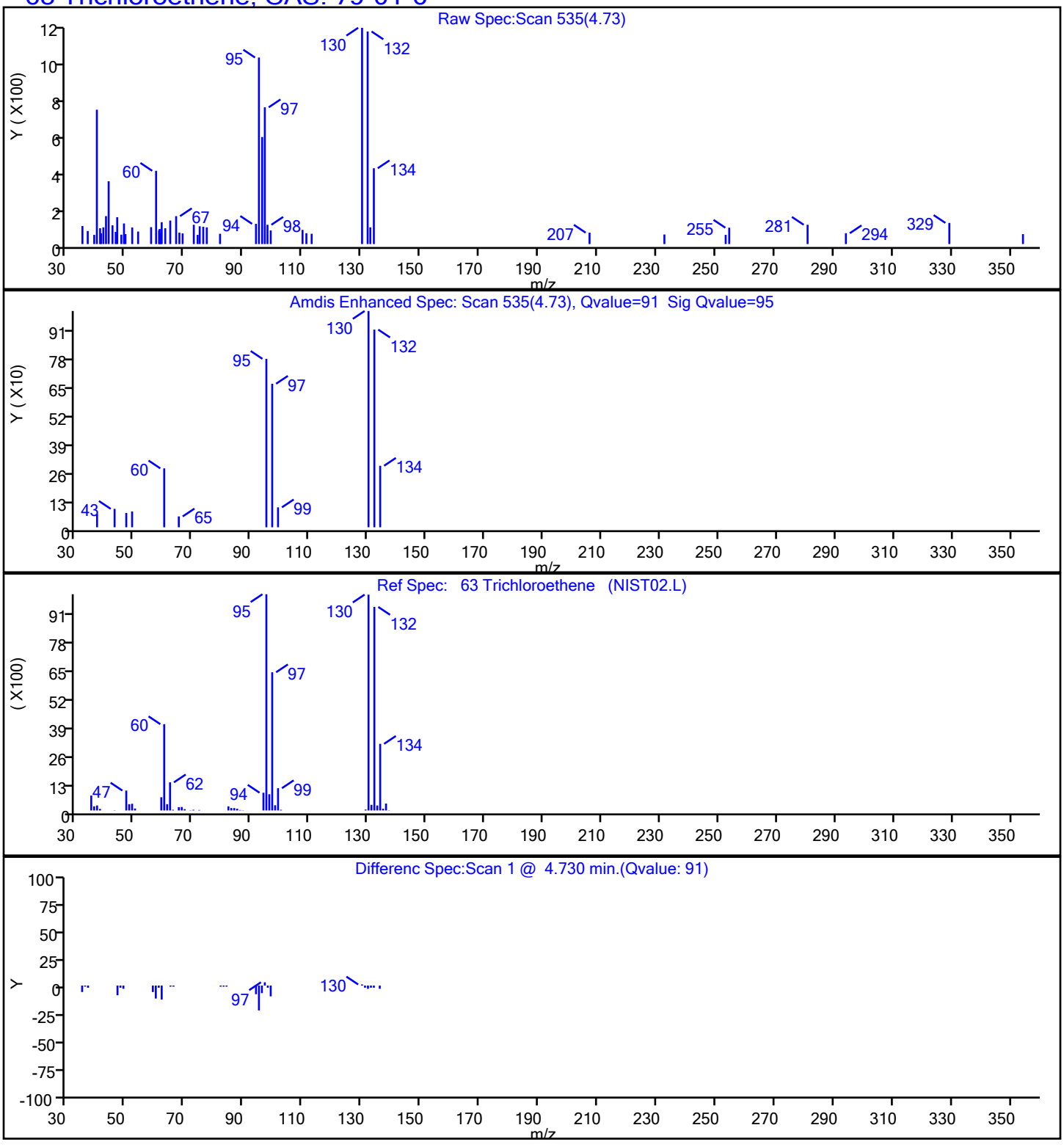
83 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59707.D		
Injection Date:	03-Feb-2026 16:10:30	Instrument ID:	CVOAMS6
Lims ID:	460-344099-B-3	Lab Sample ID:	460-344099-3
Client ID:	MW-6_20260128		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

63 Trichloroethene, CAS: 79-01-6



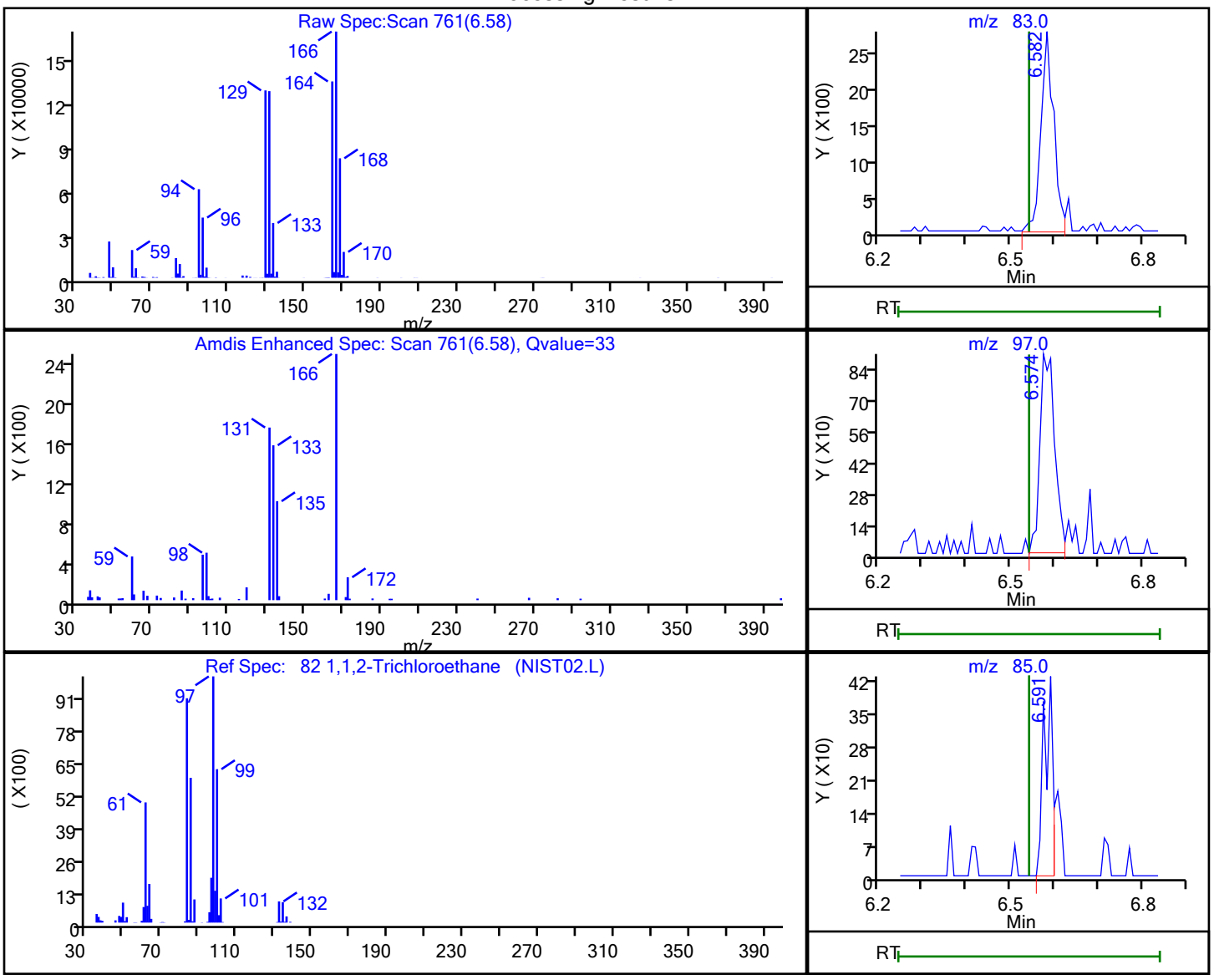
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59707.D				
Injection Date:	03-Feb-2026 16:10:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-3	Lab Sample ID:	460-344099-3		
Client ID:	MW-6_20260128				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.58	83.00	5524	2.189281
6.57	97.00	2146	
6.59	85.00	588	

Reviewer: KG2Q, 04-Feb-2026 06:59:22 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

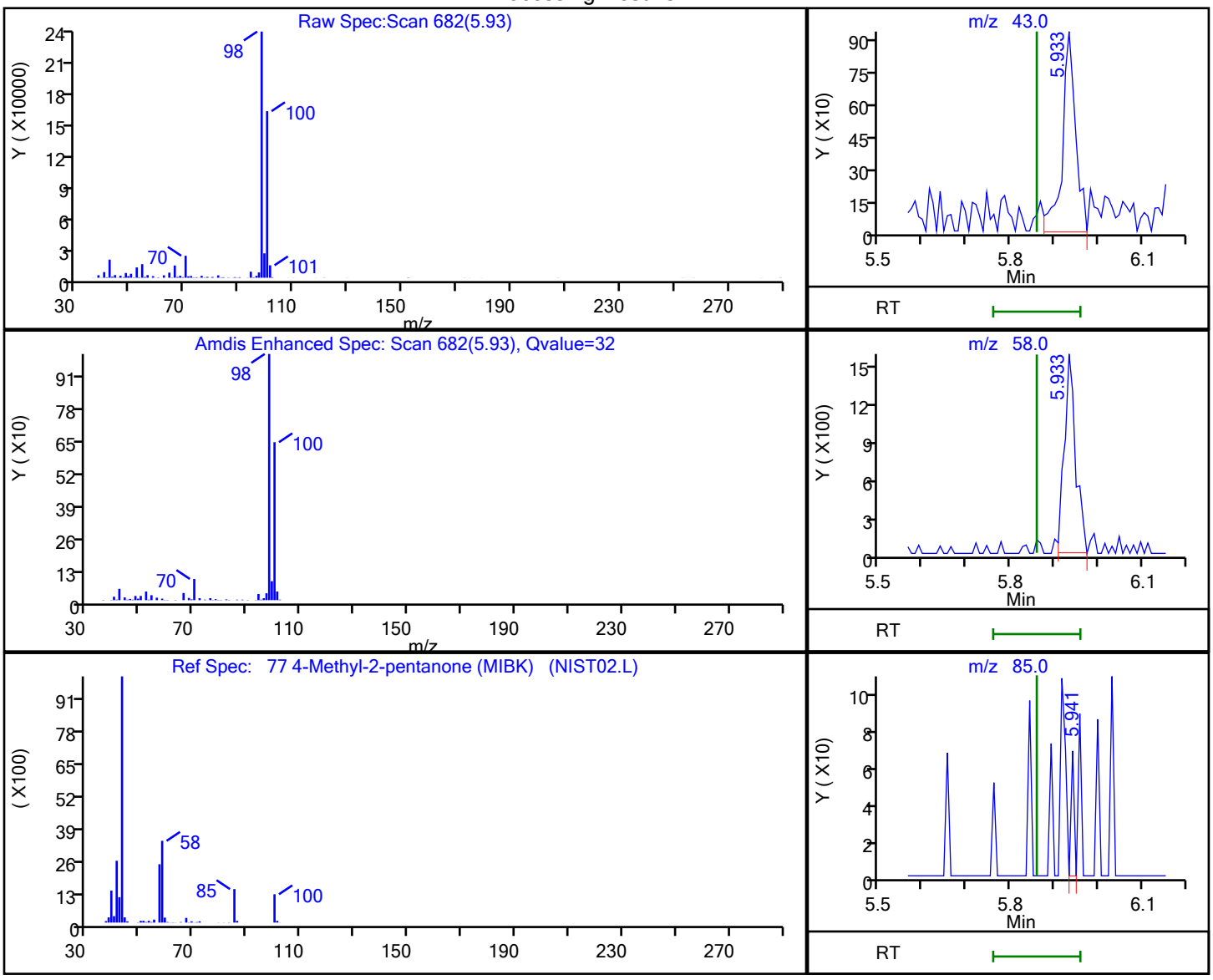
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59707.D				
Injection Date:	03-Feb-2026 16:10:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-3	Lab Sample ID:	460-344099-3		
Client ID:	MW-6_20260128				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.93	43.00	1952	1.368145
5.93	58.00	2745	
5.94	85.00	33	
5.93	100.00	343597	

Reviewer: KG2Q, 04-Feb-2026 06:59:21 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

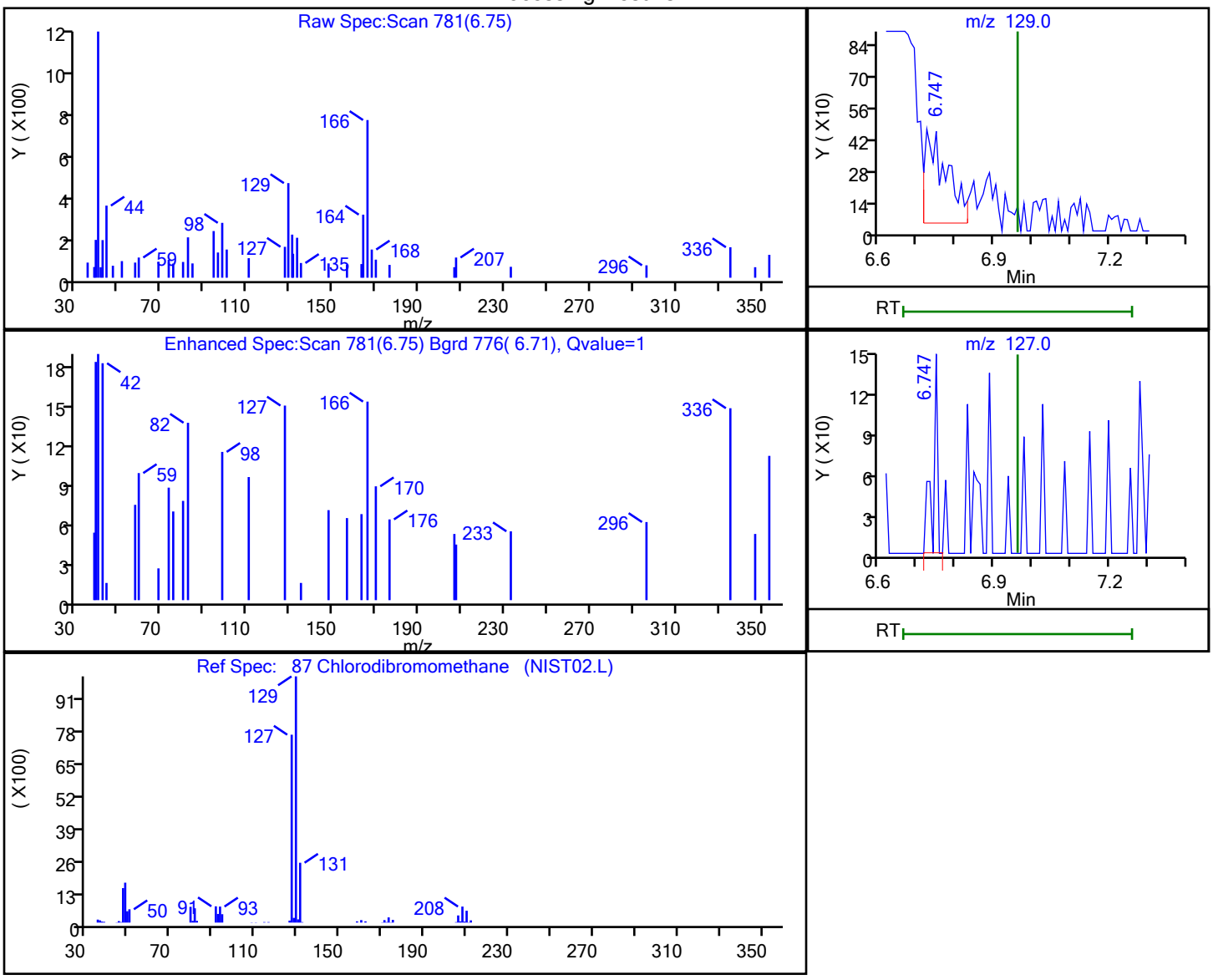
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59707.D				
Injection Date:	03-Feb-2026 16:10:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-3	Lab Sample ID:	460-344099-3		
Client ID:	MW-6_20260128				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

87 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
6.75	129.00	1687	0.492793
6.75	127.00	125	

Reviewer: KG2Q, 04-Feb-2026 06:59:25 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

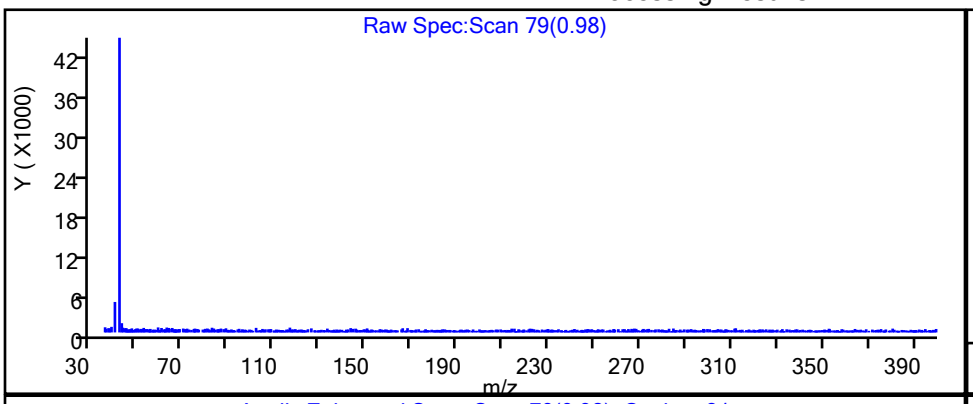
User Disabled Compound Report

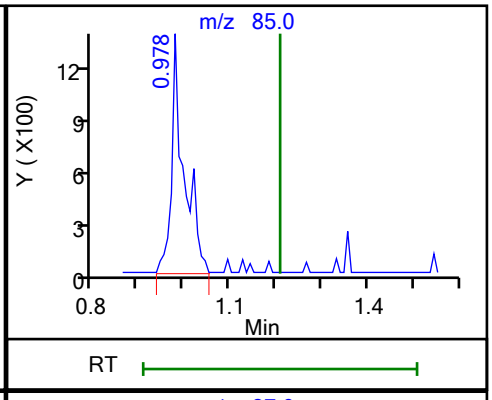
Eurofins Edison

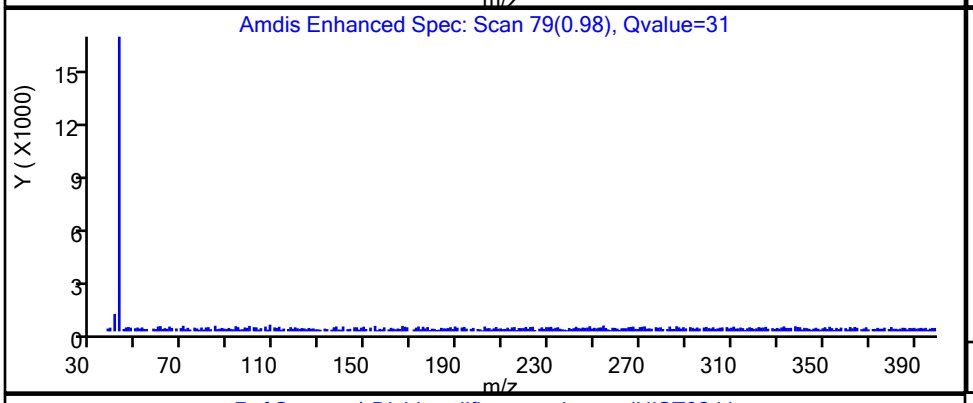
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59707.D				
Injection Date:	03-Feb-2026 16:10:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-3	Lab Sample ID:	460-344099-3		
Client ID:	MW-6_20260128				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

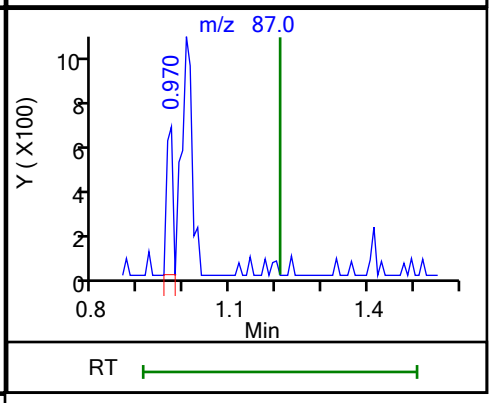
1 Dichlorodifluoromethane, CAS: 75-71-8

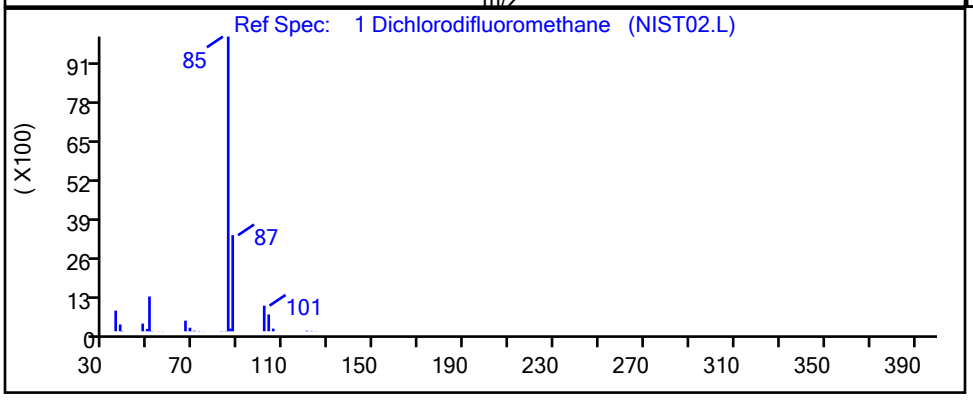
Processing Results











RT	Mass	Response	Amount
0.98	85.00	2608	0.576989
0.97	87.00	613	

Reviewer: KG2Q, 04-Feb-2026 06:59:15 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: DUP-01_20260128 | Lab Sample ID: 460-344099-4

Matrix: Water | Lab File ID: F59708.D

Analysis Method: 8260D | Date Collected: 01/28/2026 13:57

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 16:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U *	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.69	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: DUP-01_20260128 | Lab Sample ID: 460-344099-4

Matrix: Water | Lab File ID: F59708.D

Analysis Method: 8260D | Date Collected: 01/28/2026 13:57

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 16:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U *	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	87		0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.66		0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: DUP-01_20260128 | Lab Sample ID: 460-344099-4

Matrix: Water | Lab File ID: F59708.D

Analysis Method: 8260D | Date Collected: 01/28/2026 13:57

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 16:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
460-00-4	4-Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-132
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59708.D
Lims ID: 460-344099-B-4
Client ID: DUP-01_20260128
Sample Type: Client
Inject. Date: 03-Feb-2026 16:31:30 ALS Bottle#: 28 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-344099-B-4
Misc. Info.: 460-0202285-028
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Feb-2026 09:44:13 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: KG2Q Date: 04-Feb-2026 06:59:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 25 TBA-d9 (IS)	65	2.523	2.515	0.008	100	159180	1000.0	
26 Methylene Chloride	84	2.531	2.531	0.000	30	1818	0.4273	
* 38 2-Butanone-d5	46	3.435	3.435	0.000	92	121827	250.0	
48 Chloroform	83	3.715	3.706	0.009	98	4365	0.6920	
$ 50 Dibromofluoromethane (Surr)	113	3.854	3.846	0.008	97	139893	53.8	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	91	114586	46.3	
* 61 Fluorobenzene	96	4.405	4.405	0.000	100	548815	50.0	
63 Trichloroethene	95	4.725	4.725	0.000	94	2488	0.6587	
* 67 1,4-Dioxane-d8	96	5.046	5.046	0.000	37	19491	1000.0	
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	512899	46.1	
83 Tetrachloroethene	166	6.582	6.582	0.000	96	319974	87.2	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	81	404243	50.0	
$ 100 4-Bromofluorobenzene	174	9.064	9.064	0.000	93	156979	53.8	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	94	238475	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00085 Amount Added: 5.00 Units: uL Run Reagent

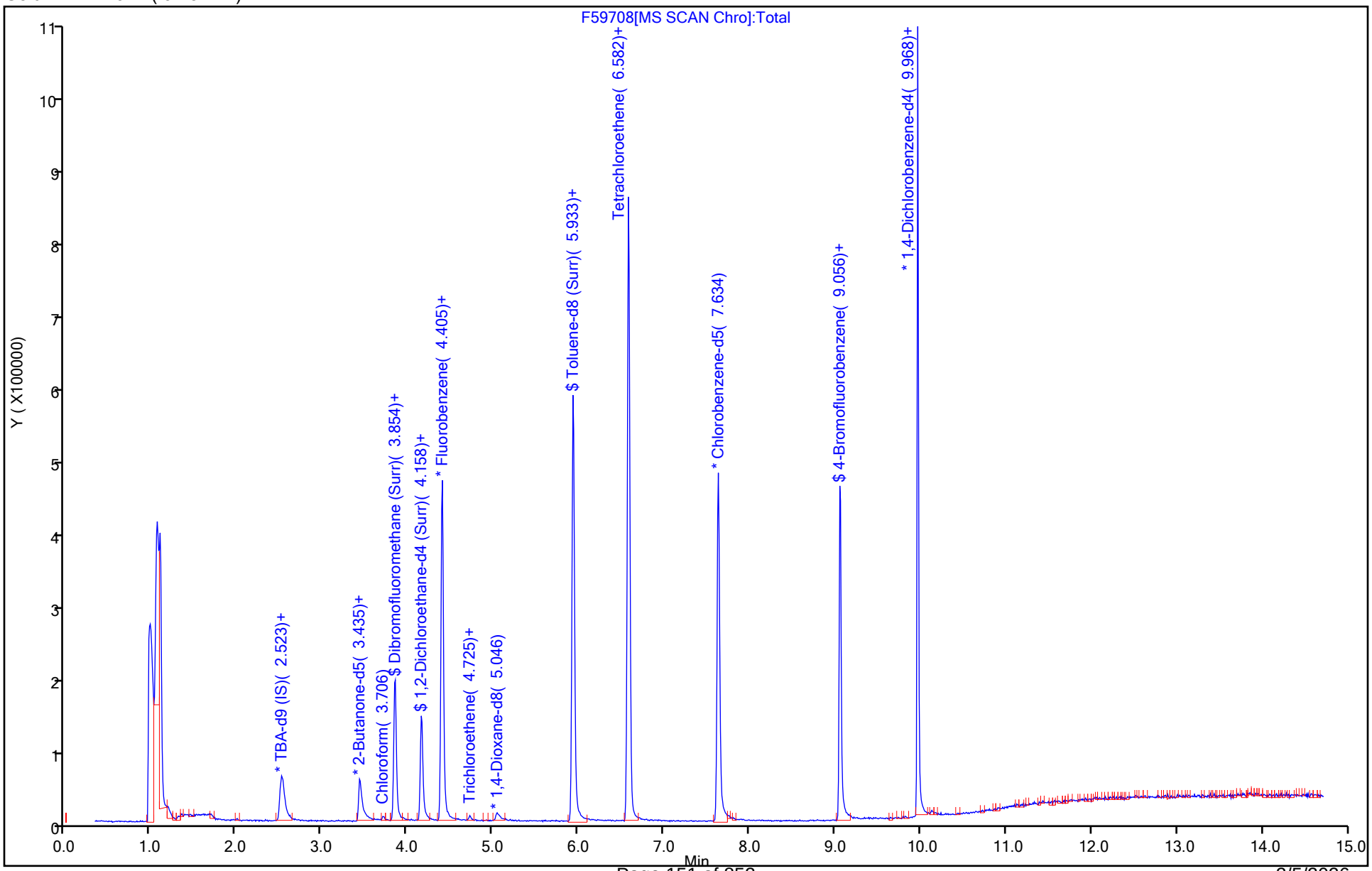
Report Date: 04-Feb-2026 09:45:57 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59708.D

Injection Date:	03-Feb-2026 16:31:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-344099-B-4	Lab Sample ID:	460-344099-4	Worklist Smp#:	28
Client ID:	DUP-01_20260128				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



2/5/2026
8:39:33 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59708.D
Lims ID: 460-344099-B-4
Client ID: DUP-01_20260128
Sample Type: Client
Inject. Date: 03-Feb-2026 16:31:30 ALS Bottle#: 28 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-344099-B-4
Misc. Info.: 460-0202285-028
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Feb-2026 09:44:13 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: KG2Q Date: 04-Feb-2026 06:59:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.8	107.57
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	46.3	92.51
$ 78 Toluene-d8 (Surr)	50.0	46.1	92.28
$ 100 4-Bromofluorobenzene	50.0	53.8	107.59

Report Date: 04-Feb-2026 09:45:57 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59708.D

Injection Date: 03-Feb-2026 16:31:30 Instrument ID: CVOAMS6

Lims ID: 460-344099-B-4 Lab Sample ID: 460-344099-4

Client ID: DUP-01_20260128

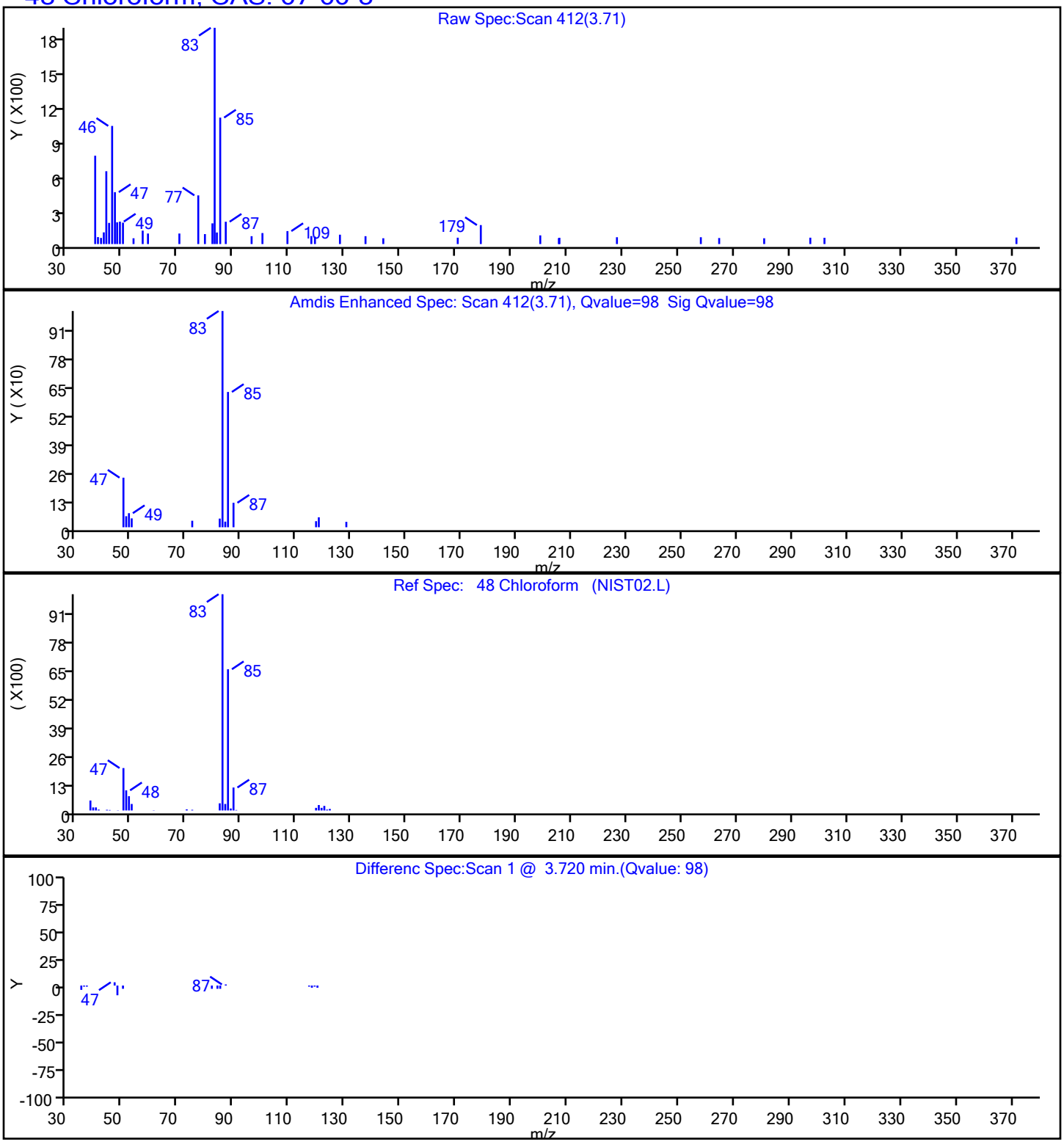
Operator ID: ALS Bottle#: 28 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

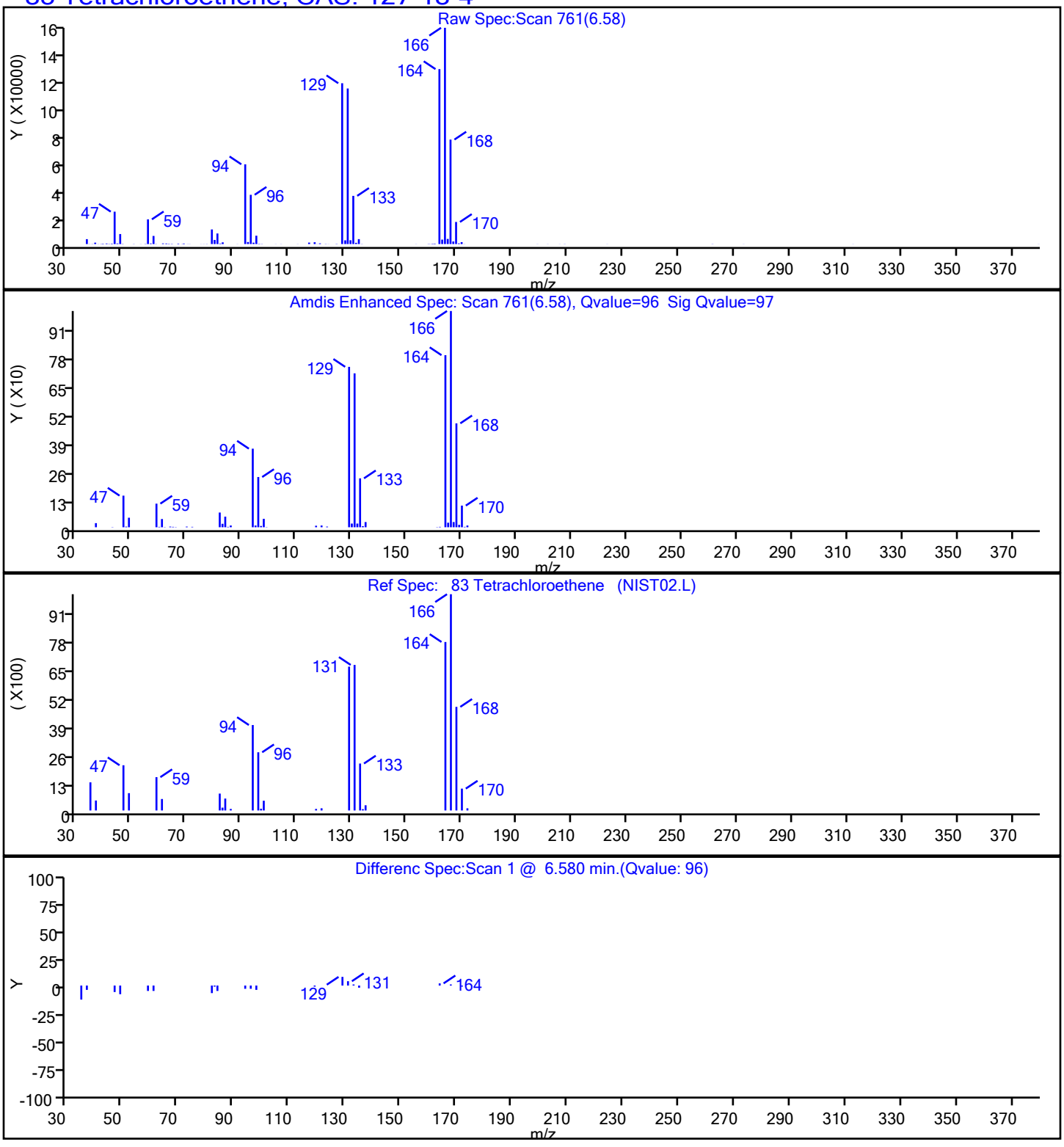
48 Chloroform, CAS: 67-66-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59708.D
Injection Date: 03-Feb-2026 16:31:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-4 Lab Sample ID: 460-344099-4
Client ID: DUP-01_20260128
Operator ID: ALS Bottle#: 28 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

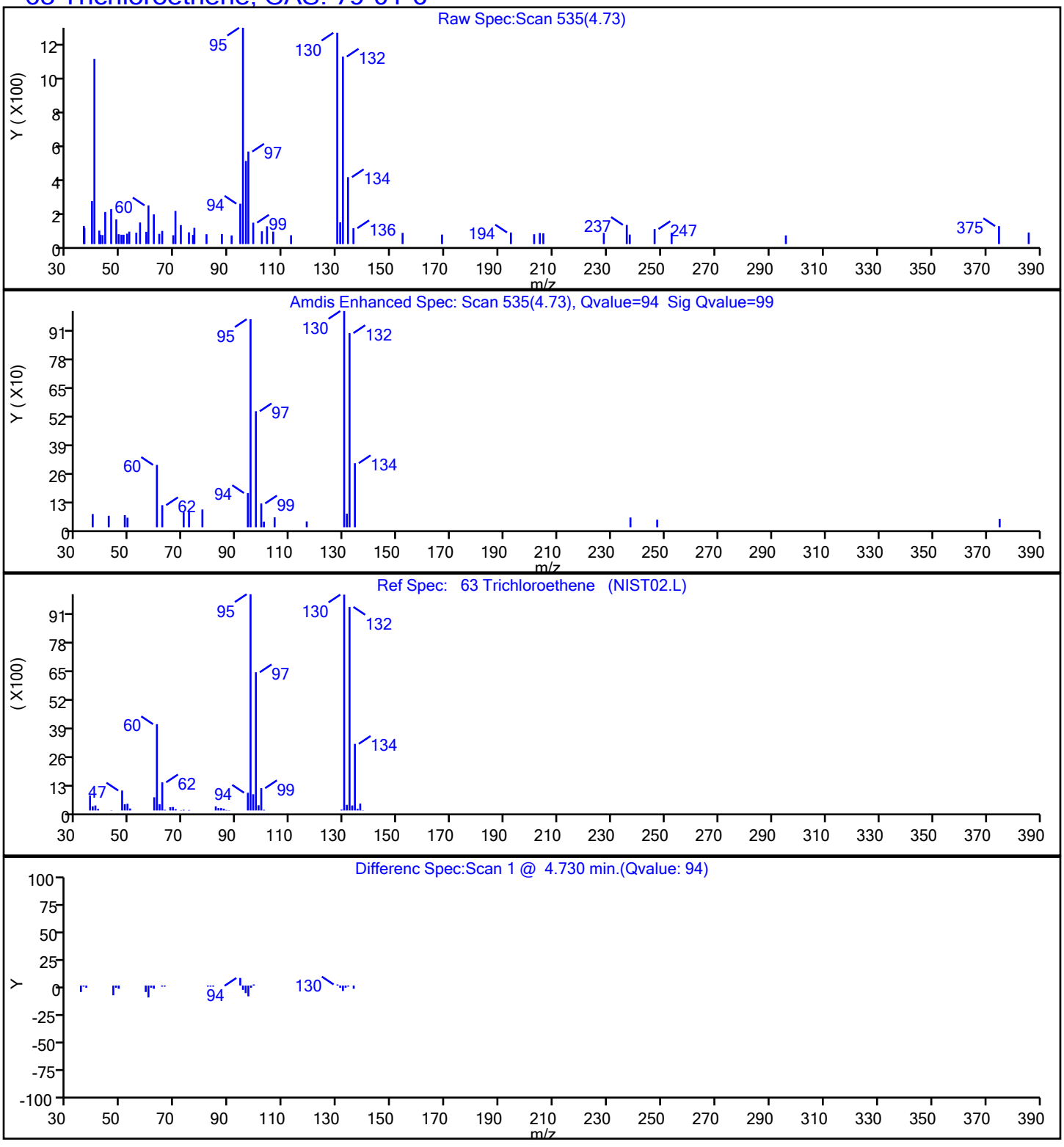
83 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59708.D
Injection Date: 03-Feb-2026 16:31:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-4 Lab Sample ID: 460-344099-4
Client ID: DUP-01_20260128
Operator ID: ALS Bottle#: 28 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Trichloroethene, CAS: 79-01-6



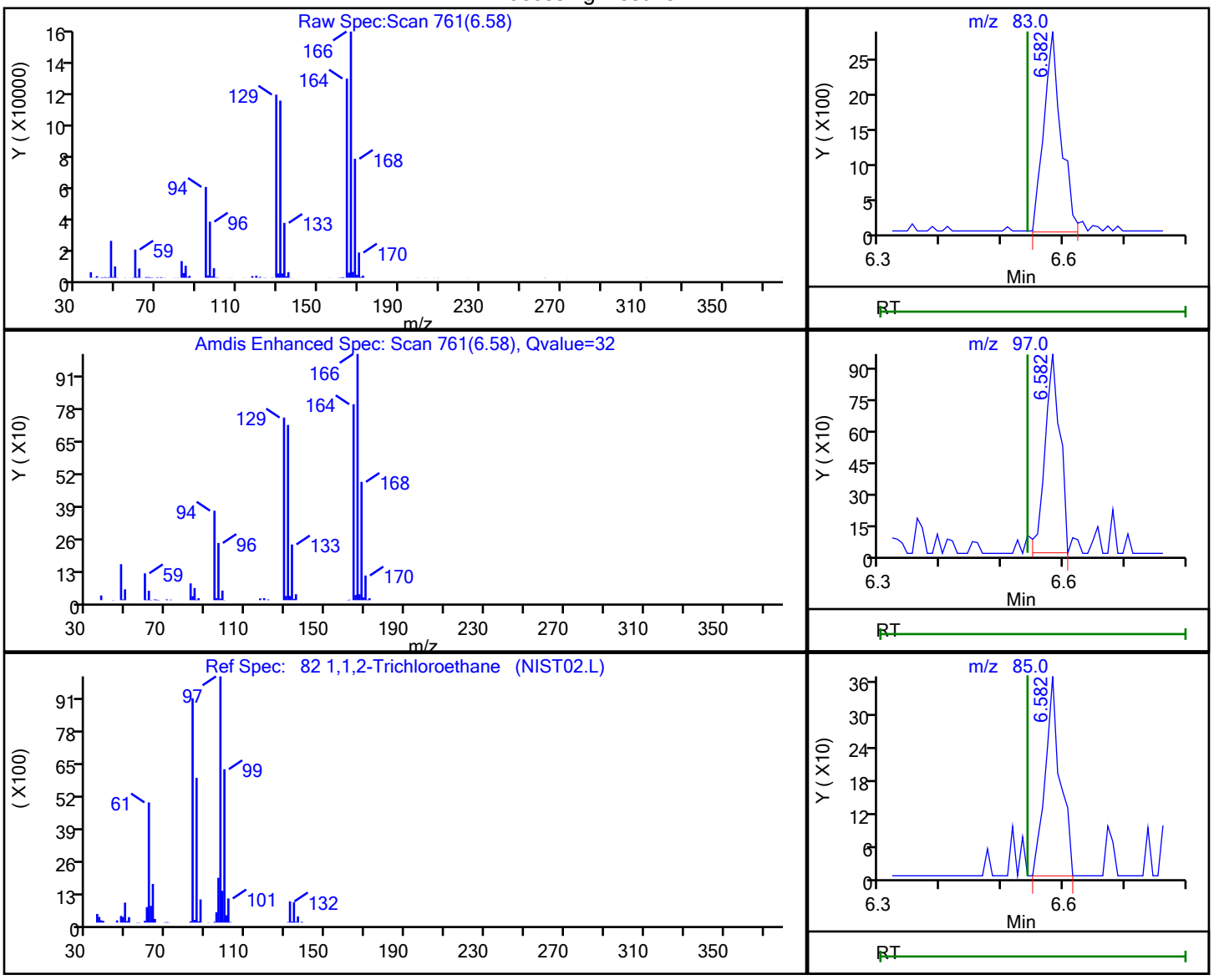
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59708.D				
Injection Date:	03-Feb-2026 16:31:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-4	Lab Sample ID:	460-344099-4		
Client ID:	DUP-01_20260128				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.58	83.00	5589	2.185310
6.58	97.00	1640	
6.58	85.00	629	

Reviewer: KG2Q, 04-Feb-2026 06:59:48 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

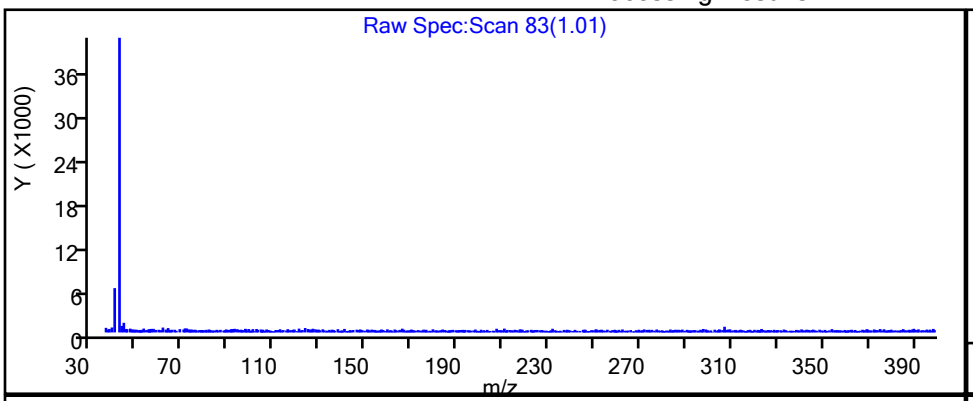
User Disabled Compound Report

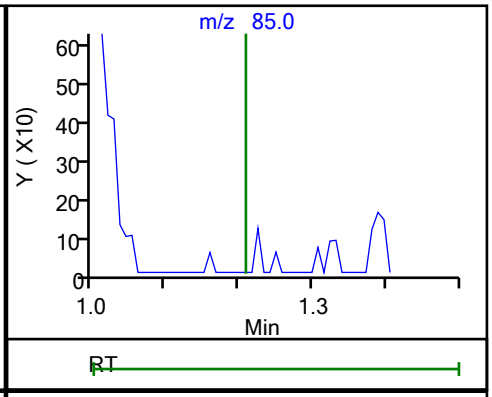
Eurofins Edison

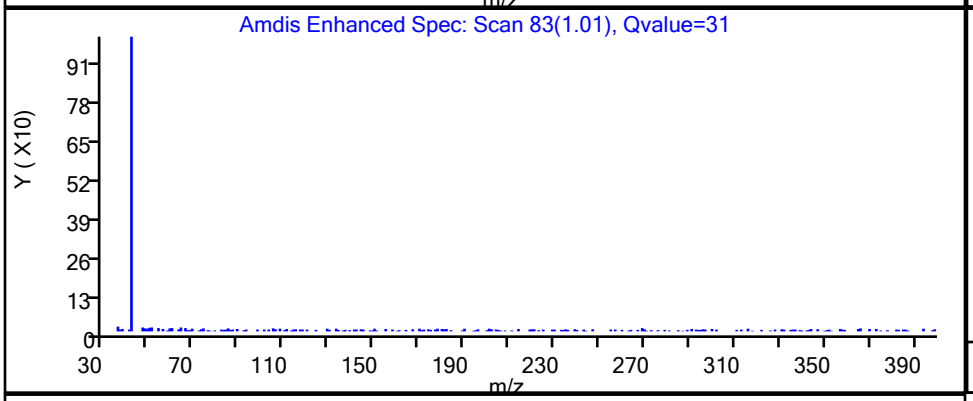
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59708.D				
Injection Date:	03-Feb-2026 16:31:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-4	Lab Sample ID:	460-344099-4		
Client ID:	DUP-01_20260128				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

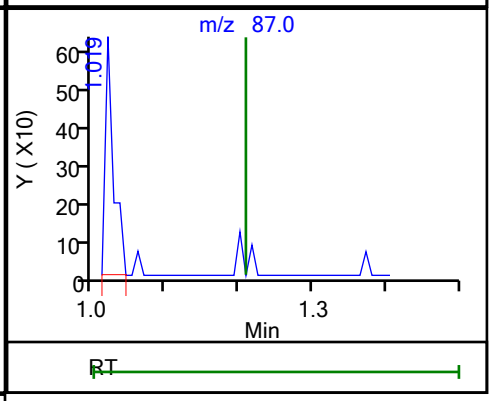
1 Dichlorodifluoromethane, CAS: 75-71-8

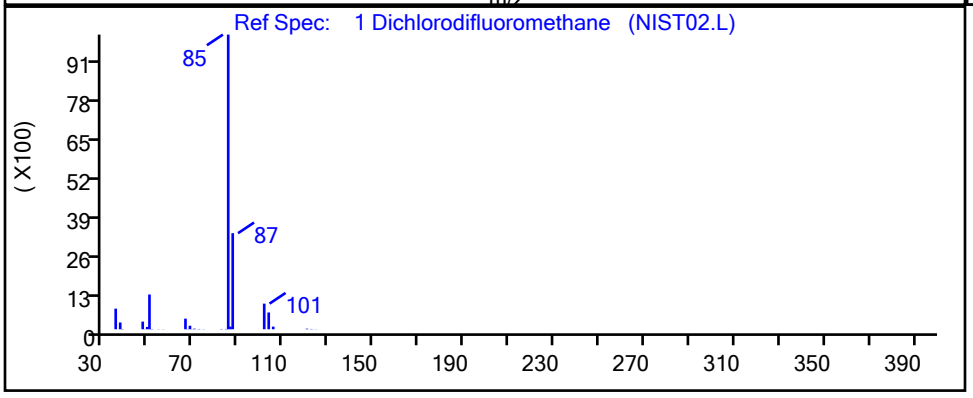
Processing Results











RT	Mass	Response	Amount
1.01	85.00	1187	0.259295
1.02	87.00	504	

Reviewer: KG2Q, 04-Feb-2026 06:59:40 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: FB-01_20260128 | Lab Sample ID: 460-344099-5

Matrix: Water | Lab File ID: F59703.D

Analysis Method: 8260D | Date Collected: 01/28/2026 14:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 14:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U *	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: FB-01_20260128 | Lab Sample ID: 460-344099-5

Matrix: Water | Lab File ID: F59703.D

Analysis Method: 8260D | Date Collected: 01/28/2026 14:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 14:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U *	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.2		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.2		1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	0.36	J	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	1.6	J	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: FB-01_20260128 | Lab Sample ID: 460-344099-5

Matrix: Water | Lab File ID: F59703.D

Analysis Method: 8260D | Date Collected: 01/28/2026 14:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 14:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-132
2037-26-5	Toluene-d8 (Surr)	91		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59703.D
Lims ID: 460-344099-B-5
Client ID: FB-01_20260128
Sample Type: Client
Inject. Date: 03-Feb-2026 14:46:30 ALS Bottle#: 23 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-344099-B-5
Misc. Info.: 460-0202285-023
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Feb-2026 09:36:22 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: KG2Q Date: 04-Feb-2026 06:55:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 25 TBA-d9 (IS)	65	2.515	2.515	0.000	99	150872	1000.0	
26 Methylene Chloride	84	2.531	2.531	0.000	33	5007	1.16	
* 38 2-Butanone-d5	46	3.435	3.435	0.000	92	110962	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	97	140855	53.5	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	90	108469	43.3	
* 61 Fluorobenzene	96	4.397	4.405	-0.008	100	555408	50.0	
* 67 1,4-Dioxane-d8	96	5.046	5.046	0.000	37	19631	1000.0	
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	513533	45.7	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	82	408608	50.0	
93 m-Xylene & p-Xylene	106	7.930	7.922	0.008	94	9139	1.23	
95 o-Xylene	106	8.439	8.431	0.008	94	2810	0.3644	
$ 100 4-Bromofluorobenzene	174	9.064	9.064	0.000	95	149626	50.7	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	93	237886	50.0	
S 133 Xylenes, Total	100				0		1.59	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00085 Amount Added: 5.00 Units: uL Run Reagent

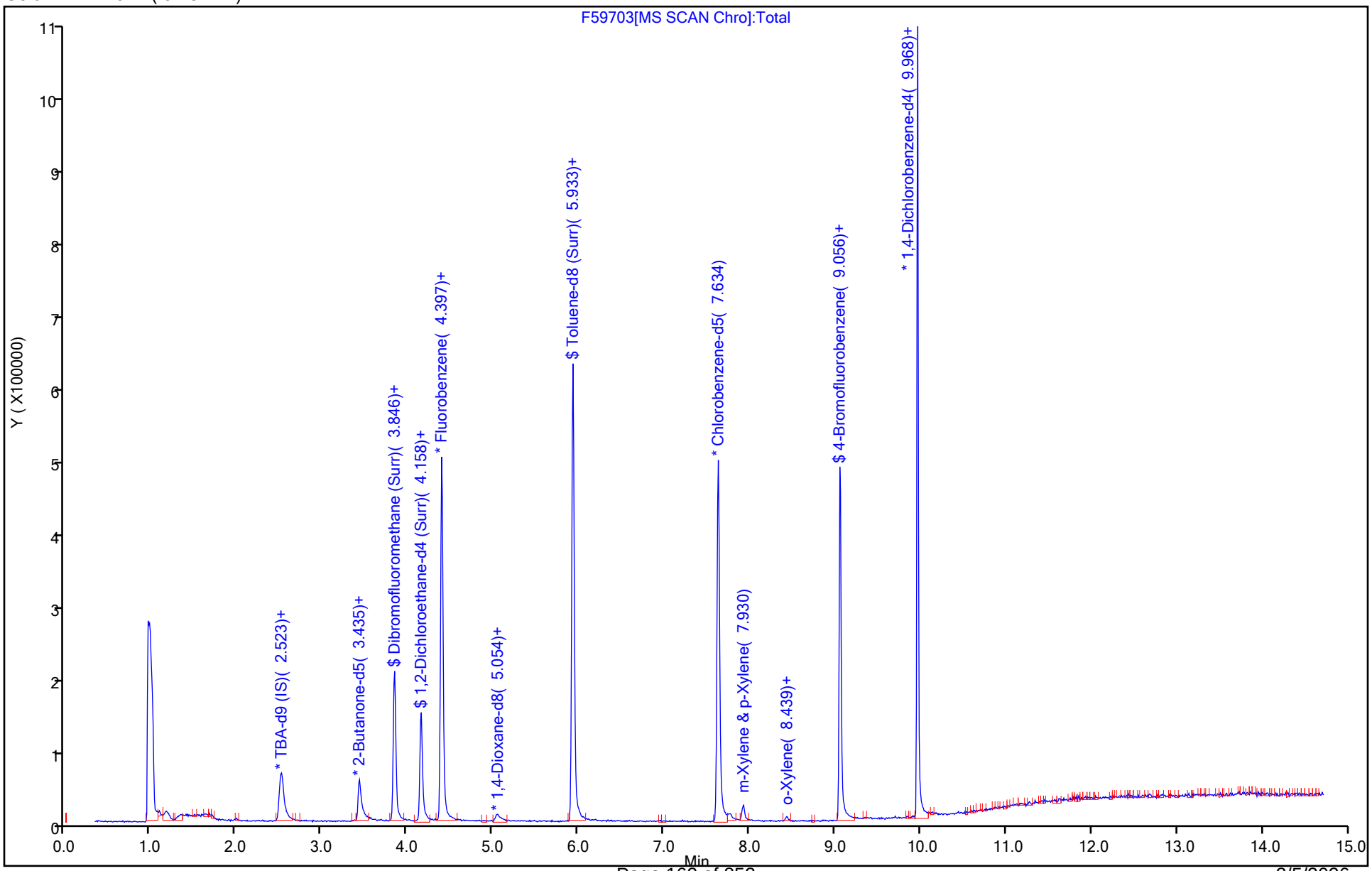
Report Date: 04-Feb-2026 09:39:21 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59703.D

Injection Date:	03-Feb-2026 14:46:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-344099-B-5	Lab Sample ID:	460-344099-5	Worklist Smp#:	23
Client ID:	FB-01_20260128				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



2/5/2026
8:39:33 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59703.D
Lims ID: 460-344099-B-5
Client ID: FB-01_20260128
Sample Type: Client
Inject. Date: 03-Feb-2026 14:46:30 ALS Bottle#: 23 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-344099-B-5
Misc. Info.: 460-0202285-023
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Feb-2026 09:36:22 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1690

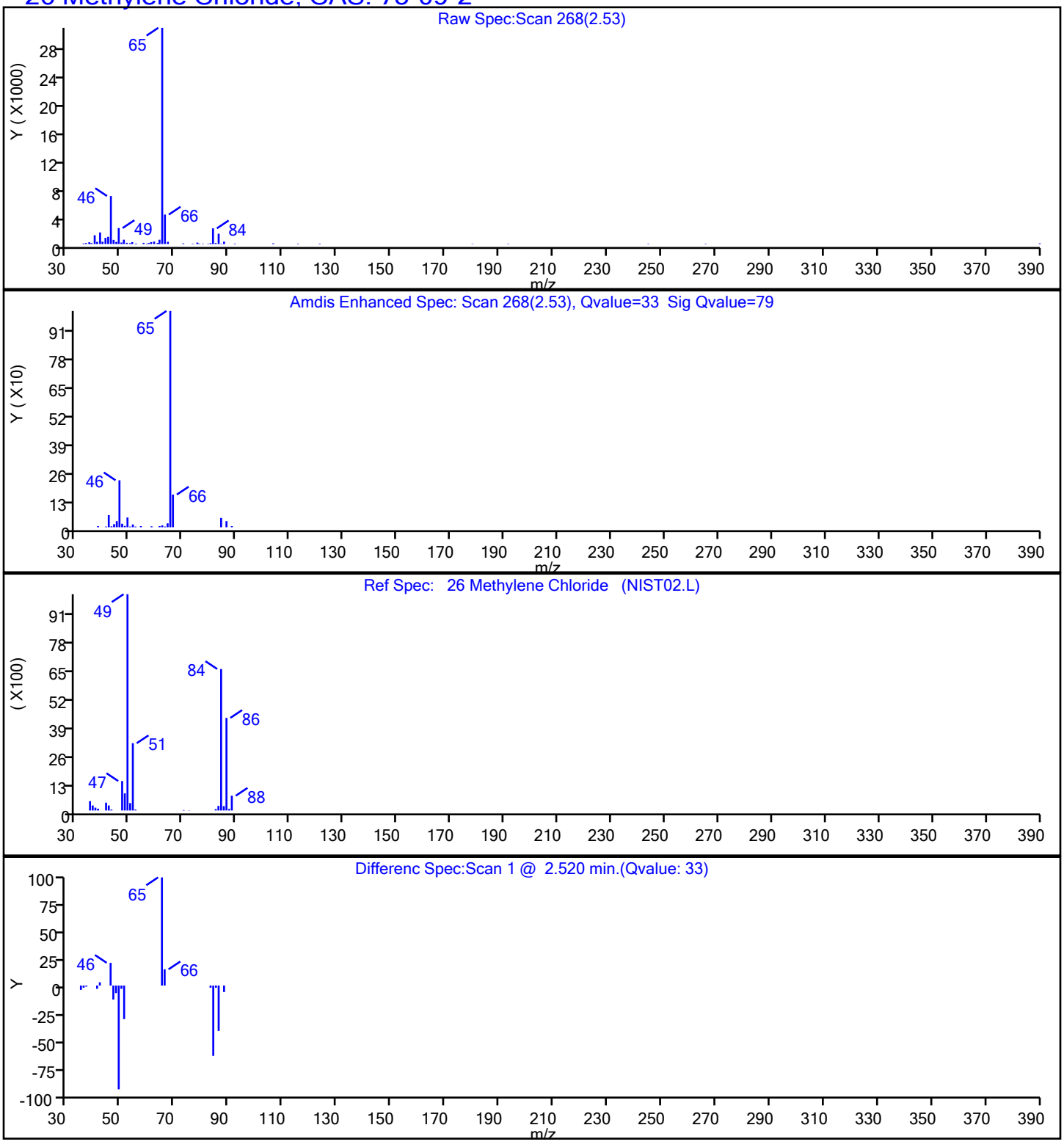
First Level Reviewer: KG2Q Date: 04-Feb-2026 06:55:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.5	107.02
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	43.3	86.54
$ 78 Toluene-d8 (Surr)	50.0	45.7	91.41
$ 100 4-Bromofluorobenzene	50.0	50.7	101.45

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59703.D
Injection Date: 03-Feb-2026 14:46:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-5 Lab Sample ID: 460-344099-5
Client ID: FB-01_20260128
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

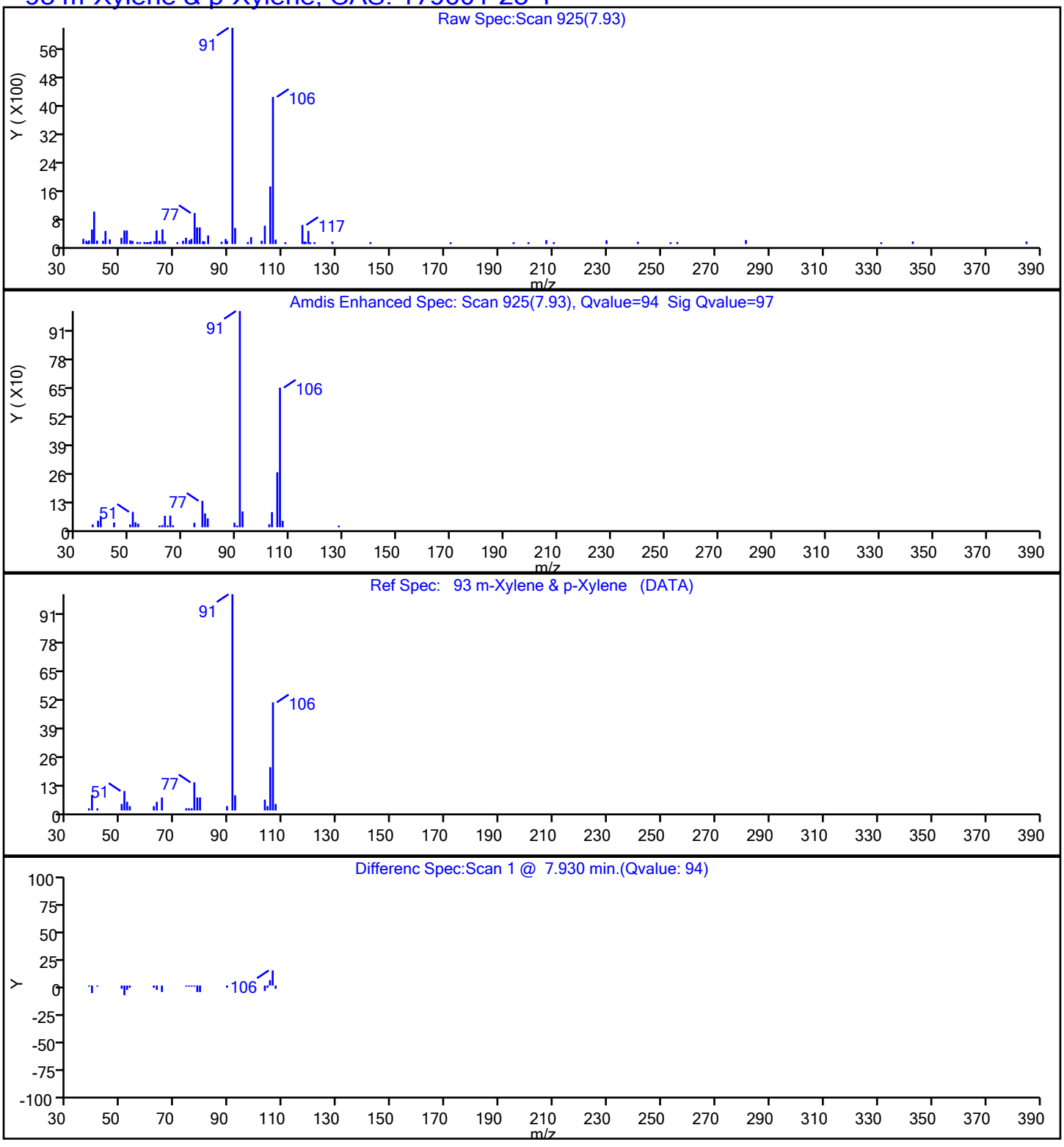
26 Methylene Chloride, CAS: 75-09-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59703.D				
Injection Date:	03-Feb-2026 14:46:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-5	Lab Sample ID:	460-344099-5		
Client ID:	FB-01_20260128				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

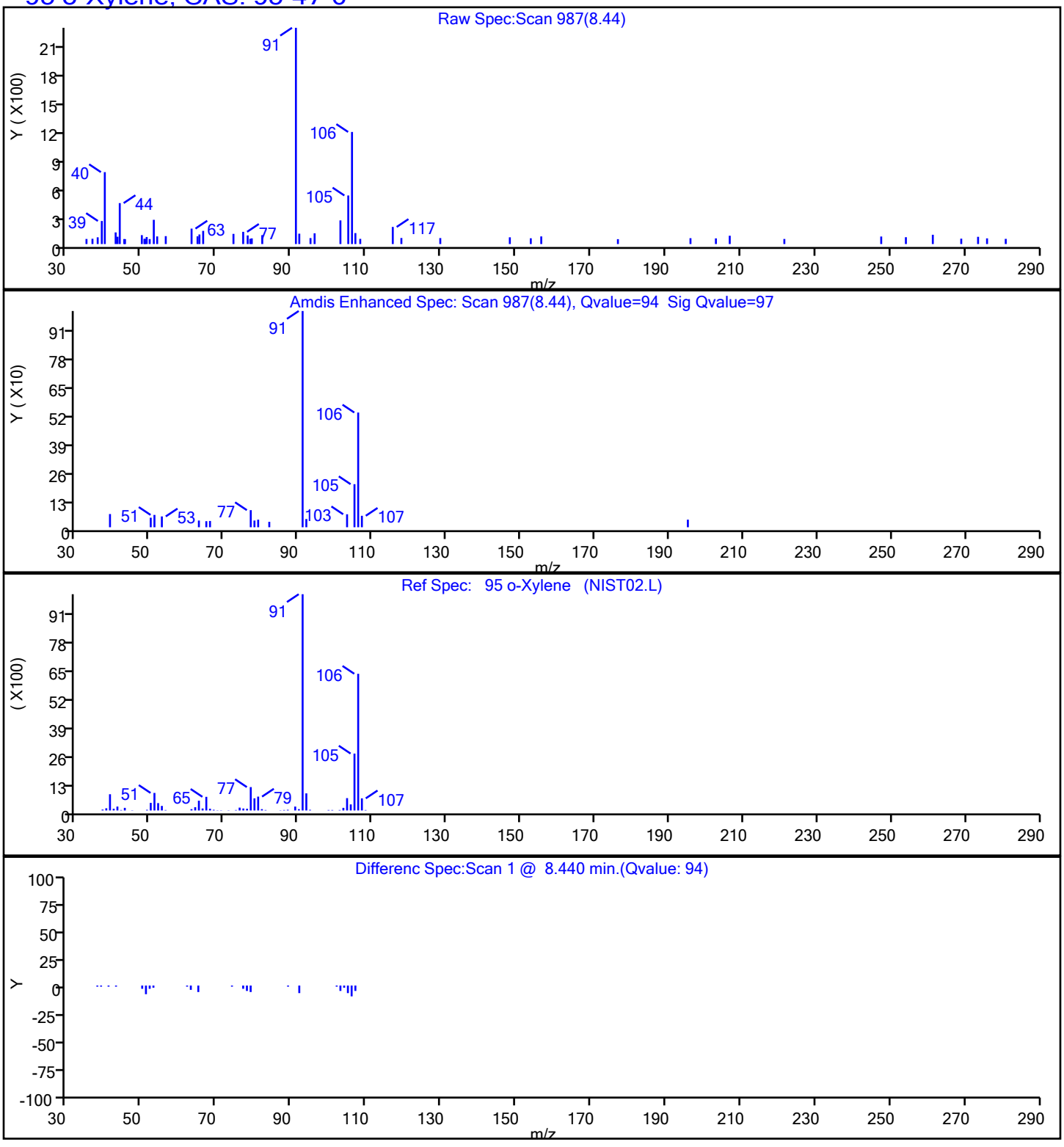
93 m-Xylene & p-Xylene, CAS: 179601-23-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59703.D
Injection Date: 03-Feb-2026 14:46:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-5 Lab Sample ID: 460-344099-5
Client ID: FB-01_20260128
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

95 o-Xylene, CAS: 95-47-6



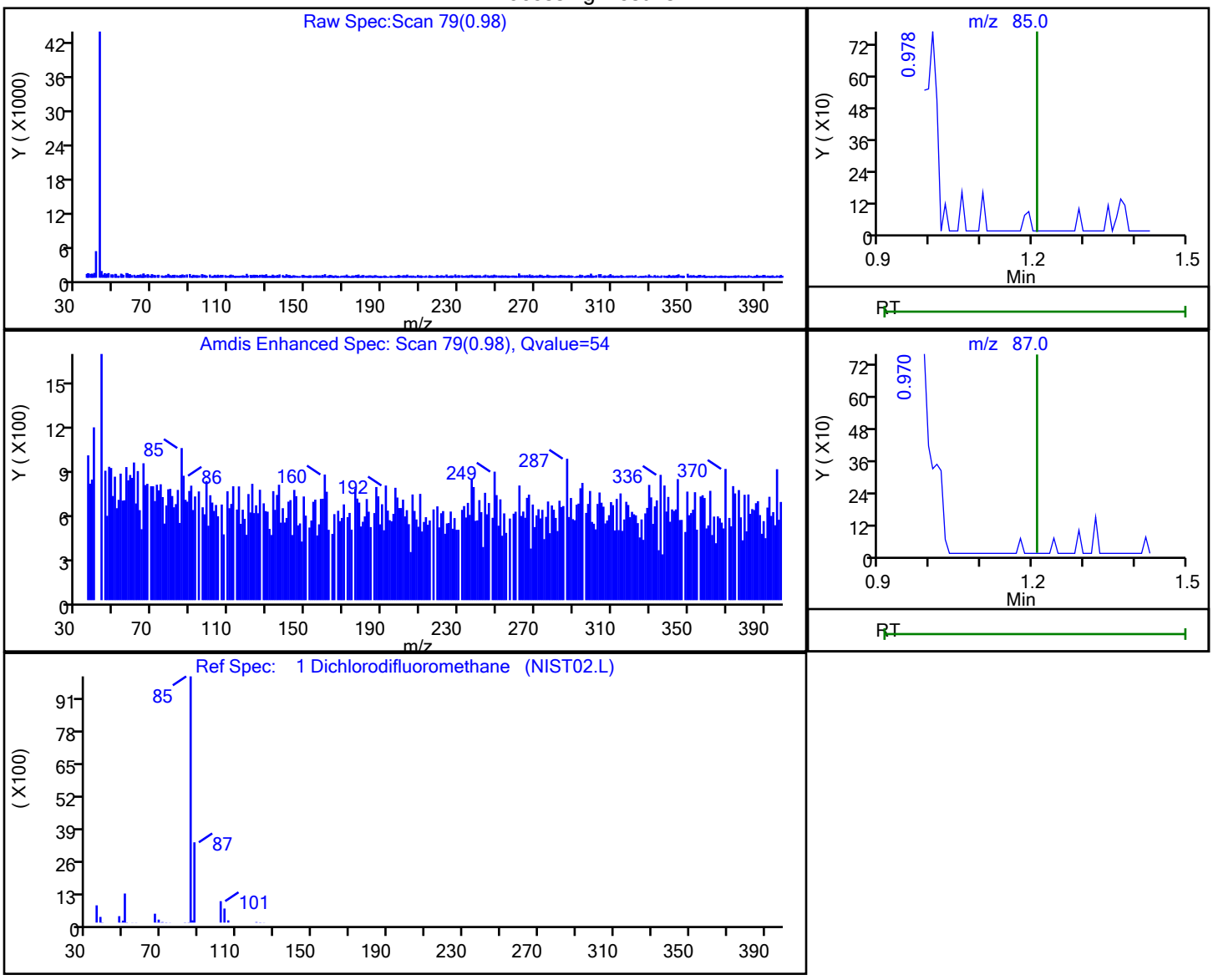
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59703.D				
Injection Date:	03-Feb-2026 14:46:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-5	Lab Sample ID:	460-344099-5		
Client ID:	FB-01_20260128				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

1 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.98	85.00	2884	0.622519
0.97	87.00	1153	

Reviewer: KG2Q, 04-Feb-2026 06:55:01 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: TB-01_20260128 | Lab Sample ID: 460-344099-6

Matrix: Water | Lab File ID: F59704.D

Analysis Method: 8260D | Date Collected: 01/28/2026 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 15:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	0.86	J	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U *	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	24		5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: TB-01_20260128 | Lab Sample ID: 460-344099-6

Matrix: Water | Lab File ID: F59704.D

Analysis Method: 8260D | Date Collected: 01/28/2026 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 15:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U *	1.0	0.31
100-41-4	Ethylbenzene	3.2		1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	3.7	J	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	14		1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	5.8		1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	20		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: TB-01_20260128 | Lab Sample ID: 460-344099-6

Matrix: Water | Lab File ID: F59704.D

Analysis Method: 8260D | Date Collected: 01/28/2026 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 15:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-132
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59704.D
Lims ID: 460-344099-B-6
Client ID: TB-01_20260128
Sample Type: Client
Inject. Date: 03-Feb-2026 15:07:30 ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-344099-B-6
Misc. Info.: 460-0202285-024
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Feb-2026 09:36:22 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: KG2Q Date: 04-Feb-2026 06:55:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.260	2.235	0.025	86	9160	24.2	
22 Methyl acetate	43	2.449	2.433	0.016	91	4502	3.75	
* 25 TBA-d9 (IS)	65	2.523	2.515	0.008	99	148670	1000.0	
* 38 2-Butanone-d5	46	3.443	3.435	0.008	93	114179	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.854	3.846	0.008	97	141256	53.6	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	90	108859	43.4	
* 61 Fluorobenzene	96	4.405	4.405	0.000	100	555813	50.0	
* 67 1,4-Dioxane-d8	96	5.046	5.046	0.000	36	18378	1000.0	
$ 78 Toluene-d8 (Surr)	98	5.941	5.933	0.008	99	524833	48.0	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	82	397555	50.0	
91 Ethylbenzene	106	7.774	7.774	0.000	95	19071	3.21	
93 m-Xylene & p-Xylene	106	7.922	7.922	0.000	98	102004	14.1	
95 o-Xylene	106	8.431	8.431	0.000	97	43856	5.84	
$ 100 4-Bromofluorobenzene	174	9.064	9.064	0.000	97	153833	53.6	
112 1,2,4-Trimethylbenzene	105	9.705	9.705	0.000	94	15527	0.8585	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	93	241105	50.0	
S 133 Xylenes, Total	100				0		20.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00085 Amount Added: 5.00 Units: uL Run Reagent

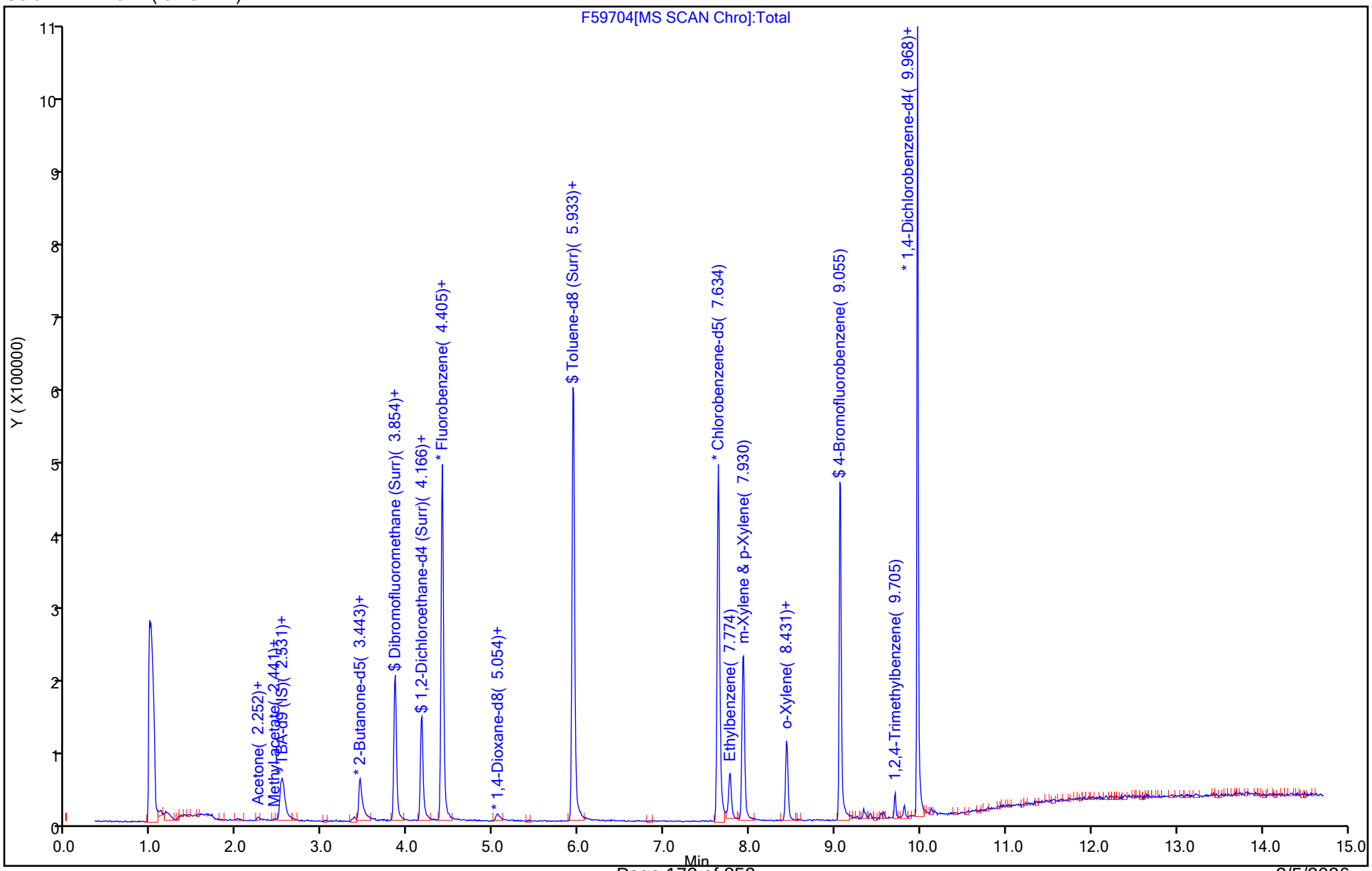
Report Date: 04-Feb-2026 09:41:46 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59704.D

Injection Date:	03-Feb-2026 15:07:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-344099-B-6	Lab Sample ID:	460-344099-6	Worklist Smp#:	24
Client ID:	TB-01_20260128				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



2/5/2026
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59704.D
Lims ID: 460-344099-B-6
Client ID: TB-01_20260128
Sample Type: Client
Inject. Date: 03-Feb-2026 15:07:30 ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-344099-B-6
Misc. Info.: 460-0202285-024
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Feb-2026 09:36:22 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1690

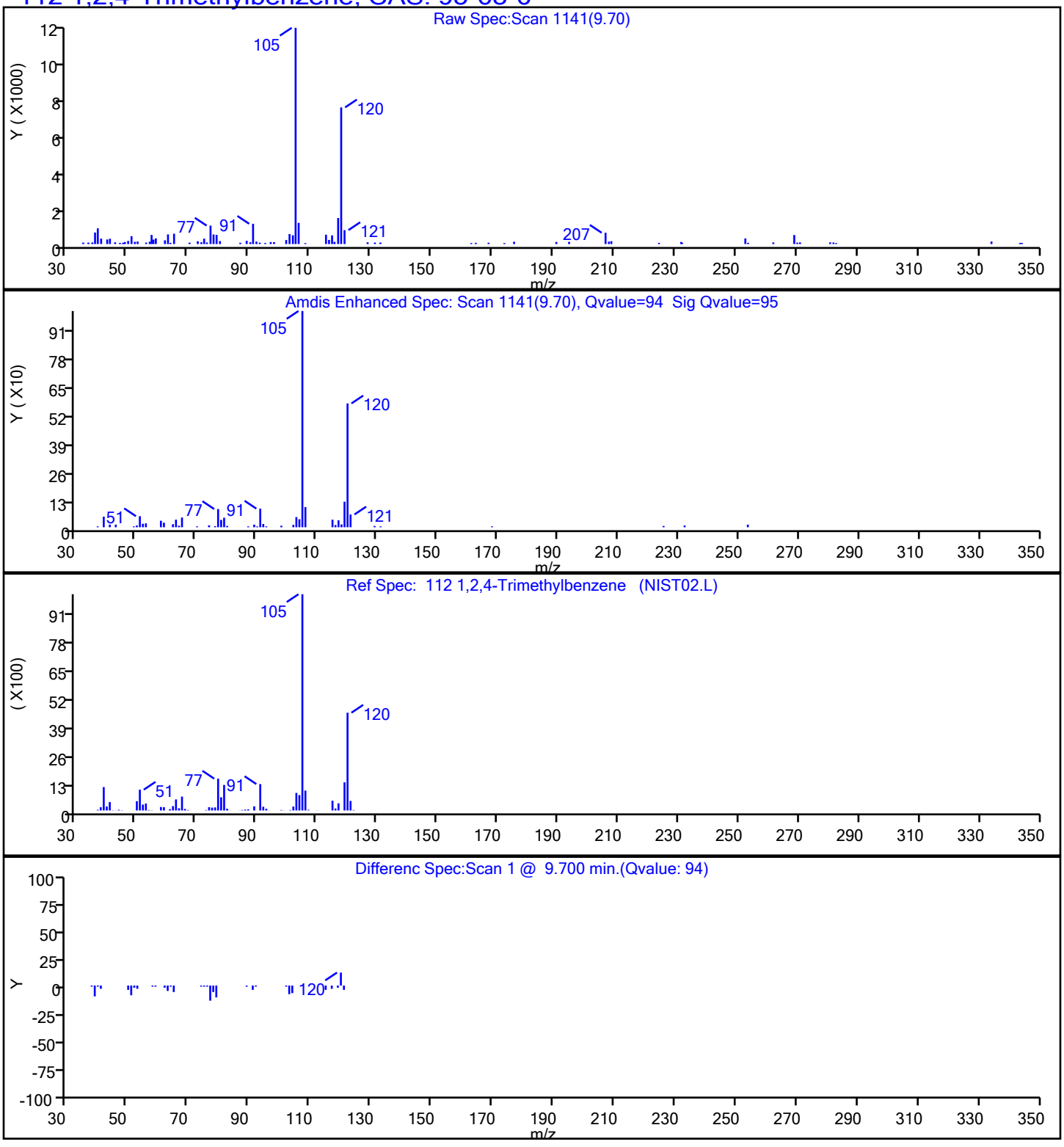
First Level Reviewer: KG2Q Date: 04-Feb-2026 06:55:37

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.6	107.25
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	43.4	86.78
$ 78 Toluene-d8 (Surr)	50.0	48.0	96.02
$ 100 4-Bromofluorobenzene	50.0	53.6	107.21

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59704.D
Injection Date: 03-Feb-2026 15:07:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-6 Lab Sample ID: 460-344099-6
Client ID: TB-01_20260128
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

112 1,2,4-Trimethylbenzene, CAS: 95-63-6

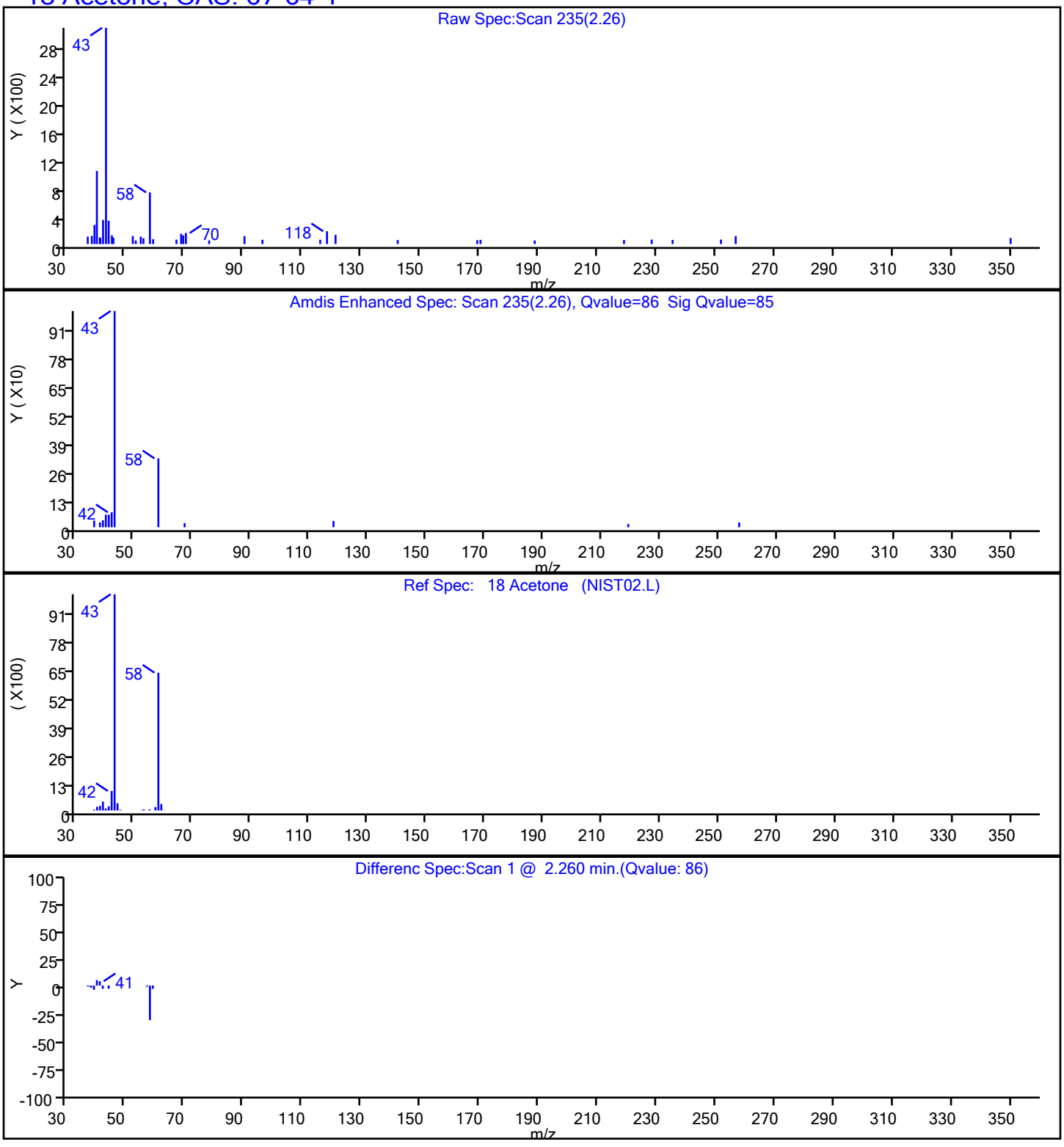


Report Date: 04-Feb-2026 09:41:46 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59704.D
Injection Date: 03-Feb-2026 15:07:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-6 Lab Sample ID: 460-344099-6
Client ID: TB-01_20260128
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Acetone, CAS: 67-64-1



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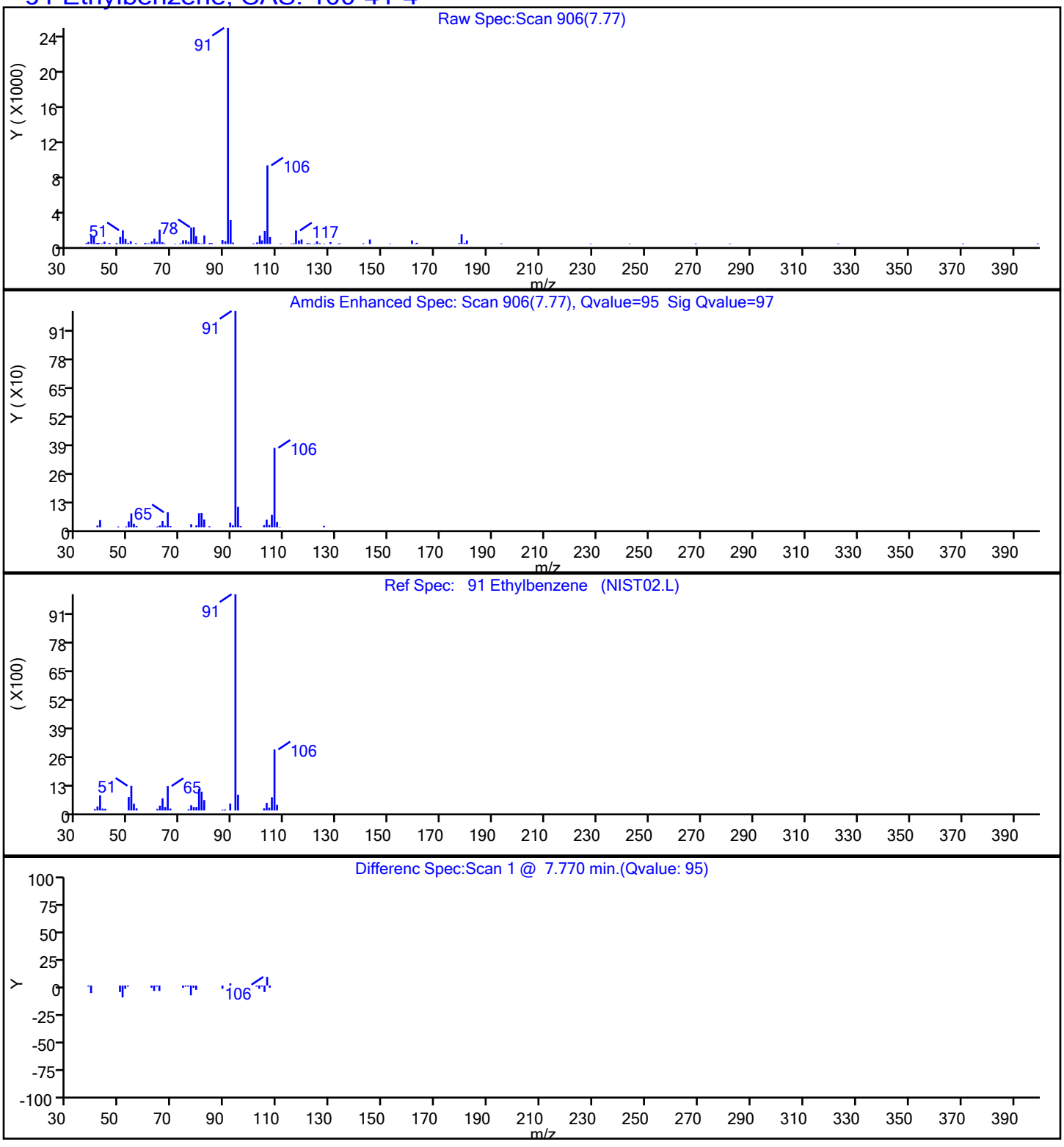
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59704.D
Injection Date: 03-Feb-2026 15:07:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-6 Lab Sample ID: 460-344099-6
Client ID: TB-01_20260128
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

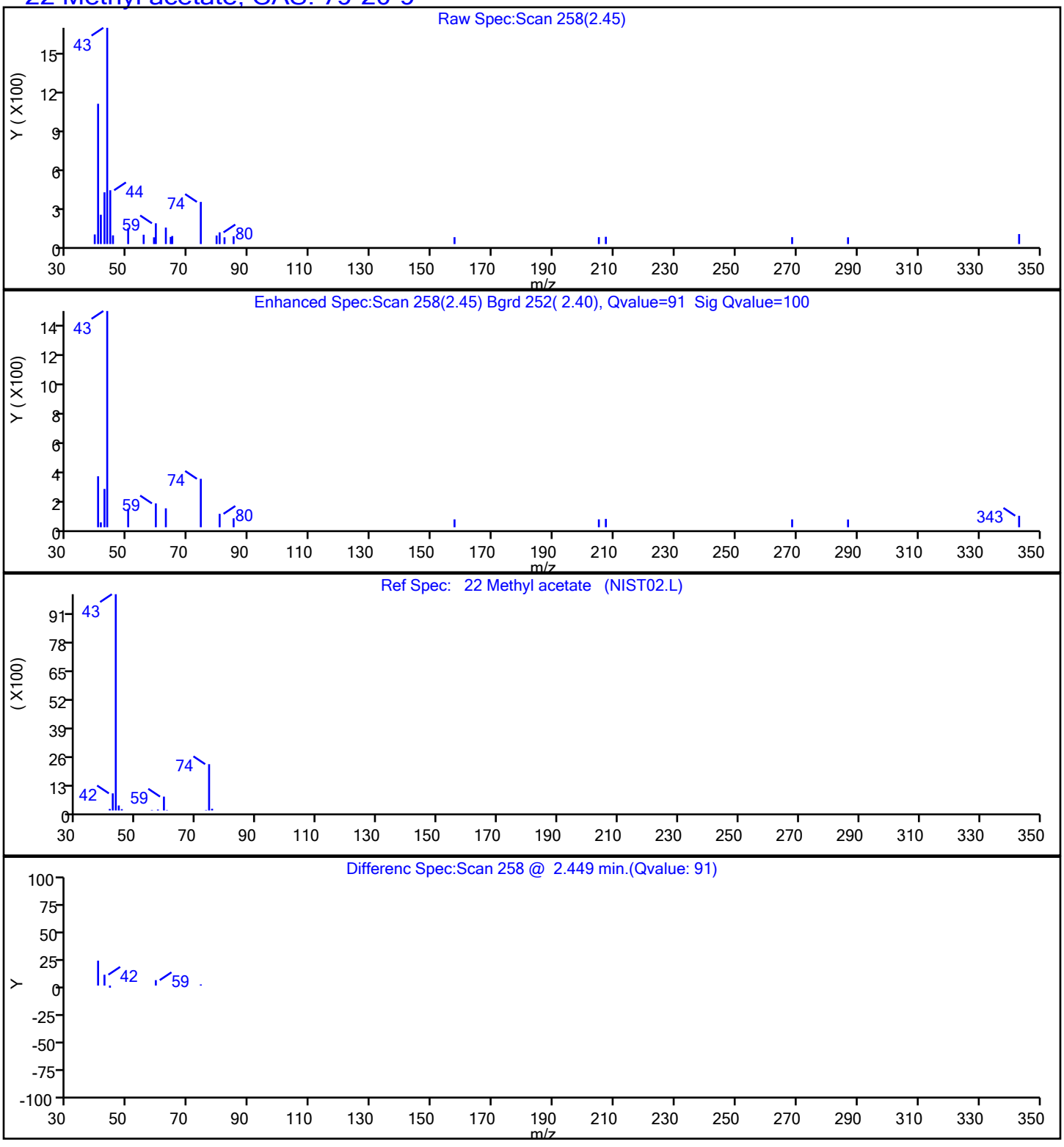
91 Ethylbenzene, CAS: 100-41-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59704.D				
Injection Date:	03-Feb-2026 15:07:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-6	Lab Sample ID:	460-344099-6		
Client ID:	TB-01_20260128				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

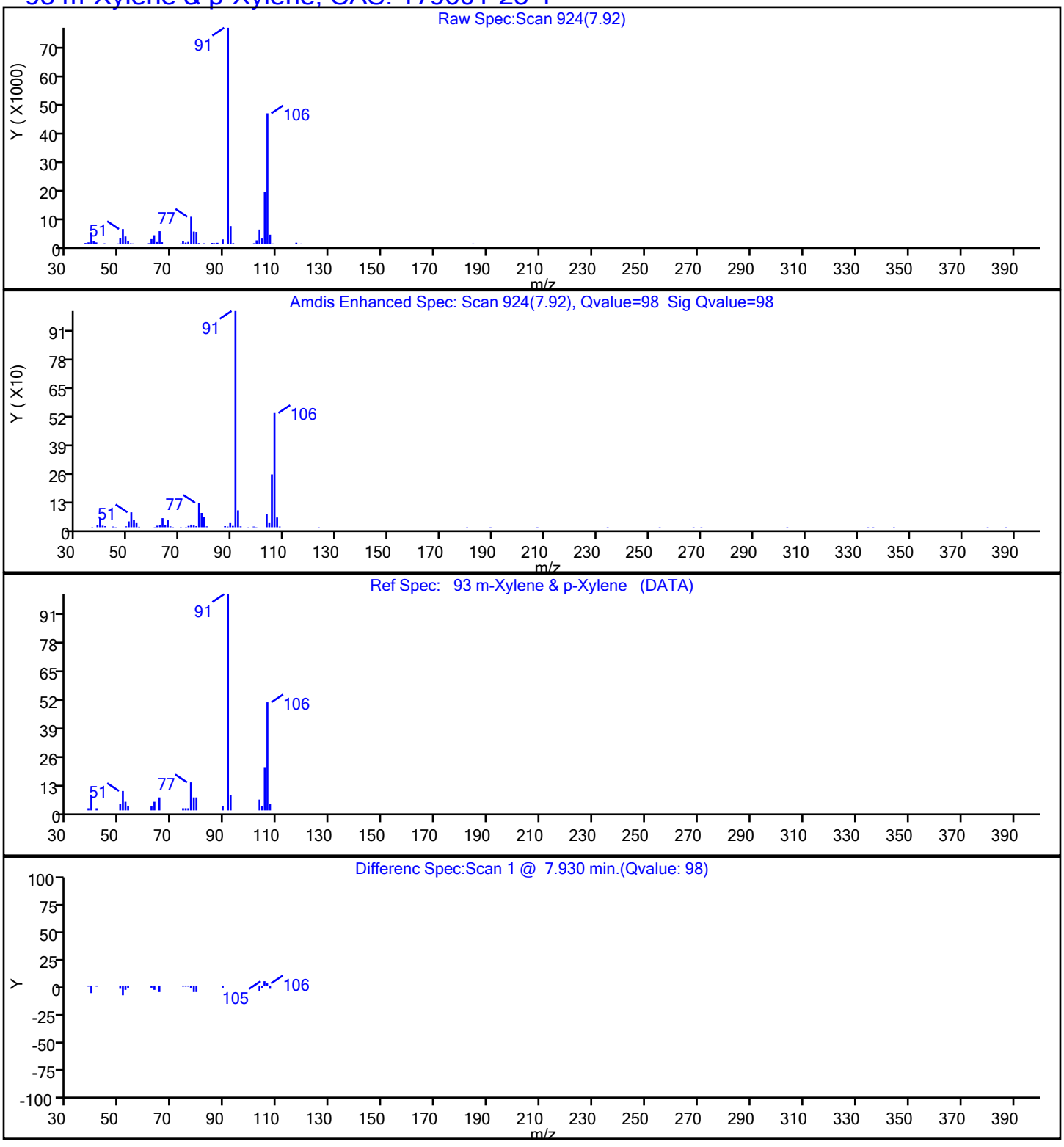
22 Methyl acetate, CAS: 79-20-9



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59704.D
Injection Date: 03-Feb-2026 15:07:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-6 Lab Sample ID: 460-344099-6
Client ID: TB-01_20260128
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

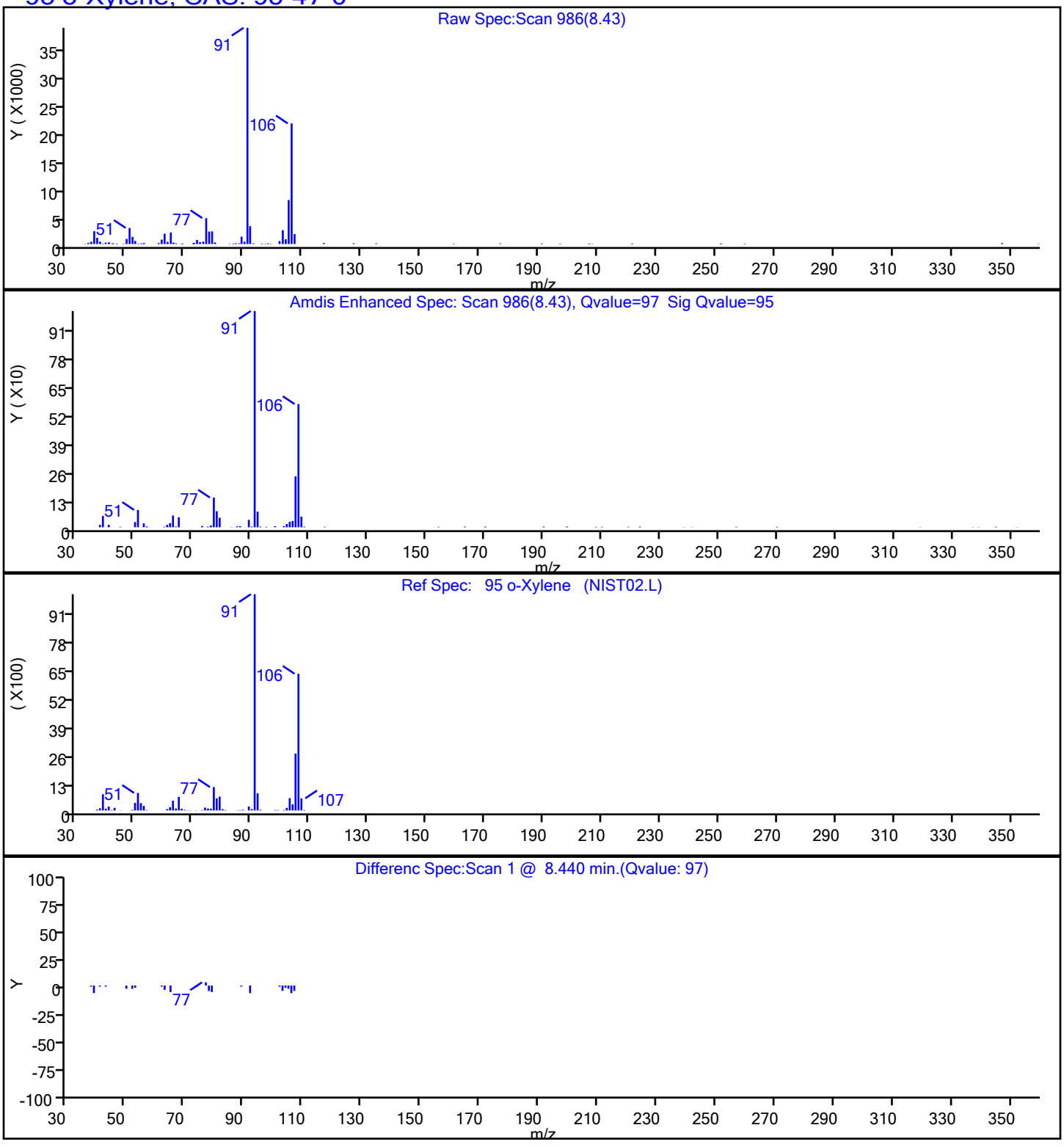
93 m-Xylene & p-Xylene, CAS: 179601-23-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59704.D
Injection Date: 03-Feb-2026 15:07:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-6 Lab Sample ID: 460-344099-6
Client ID: TB-01_20260128
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

95 o-Xylene, CAS: 95-47-6



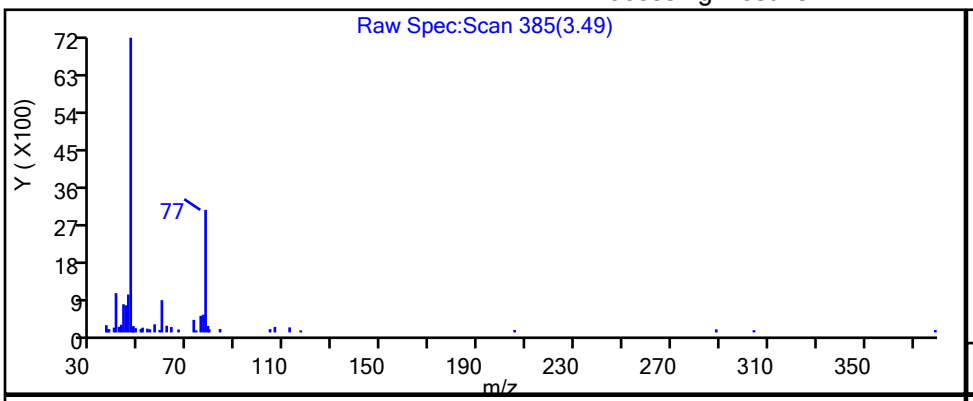
User Disabled Compound Report

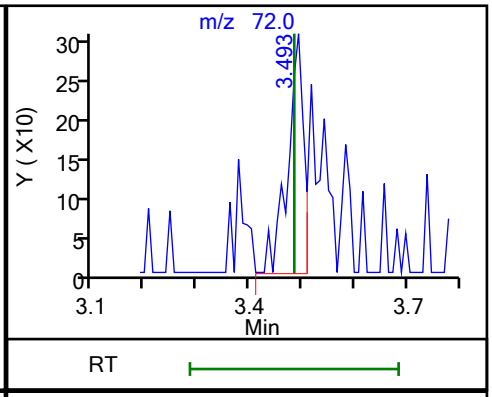
Eurofins Edison

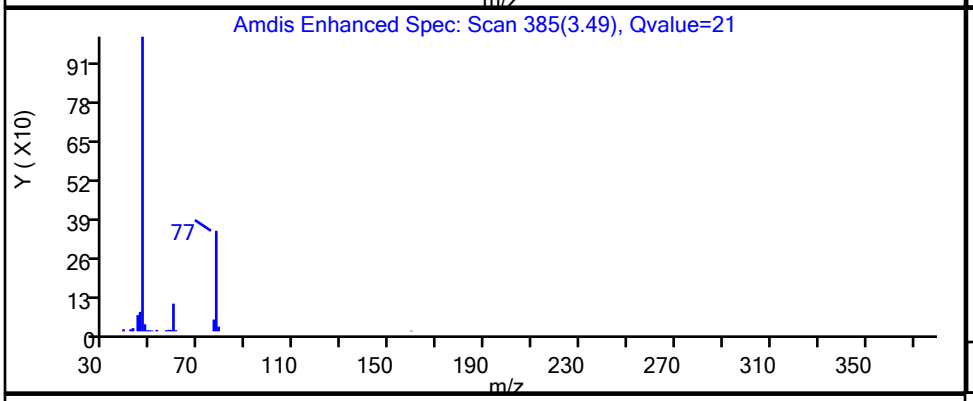
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59704.D				
Injection Date:	03-Feb-2026 15:07:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-6	Lab Sample ID:	460-344099-6		
Client ID:	TB-01_20260128				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

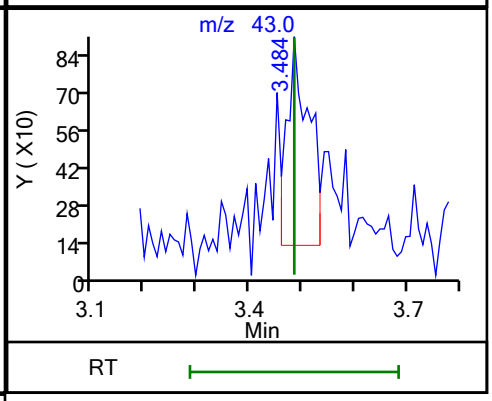
42 2-Butanone (MEK), CAS: 78-93-3

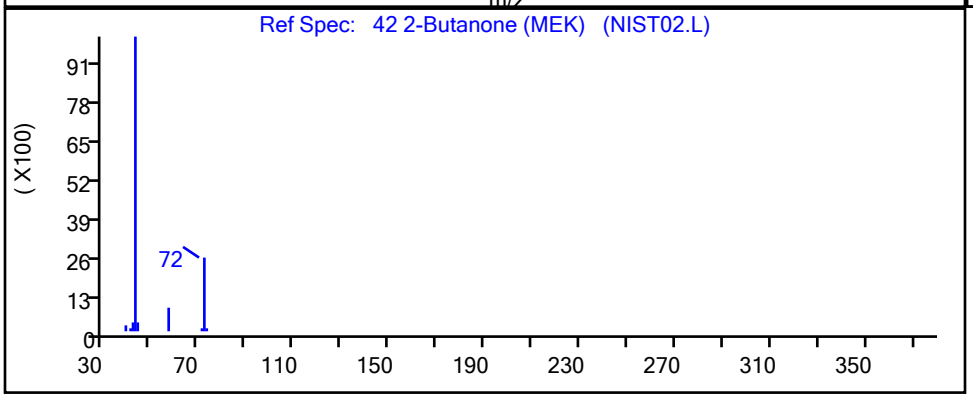
Processing Results











RT	Mass	Response	Amount
3.49	72.00	650	3.683486
3.48	43.00	2324	

Reviewer: KG2Q, 04-Feb-2026 06:55:24 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

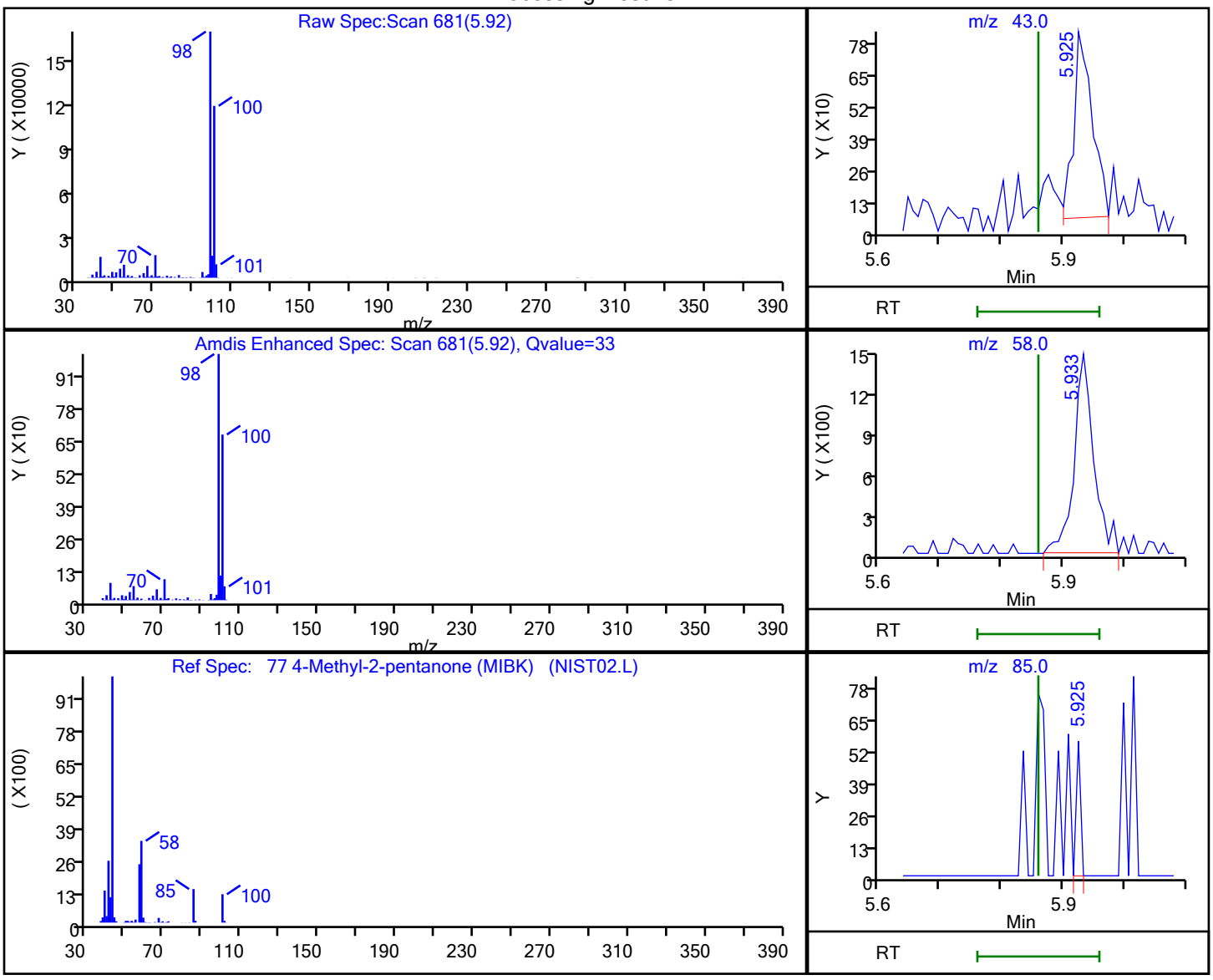
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59704.D		
Injection Date:	03-Feb-2026 15:07:30	Instrument ID:	CVOAMS6
Lims ID:	460-344099-B-6	Lab Sample ID:	460-344099-6
Client ID:	TB-01_20260128		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.92	43.00	1615	1.144138
5.93	58.00	3182	
5.92	85.00	28	
5.93	100.00	360581	

Reviewer: KG2Q, 04-Feb-2026 06:55:27 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

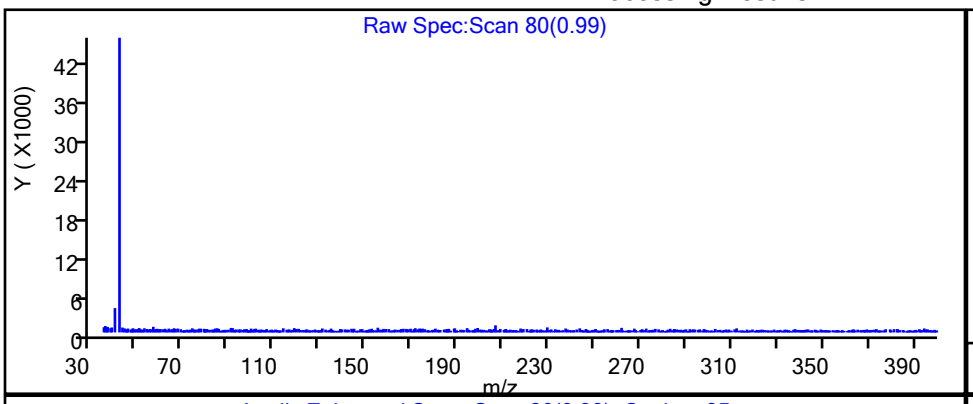
User Disabled Compound Report

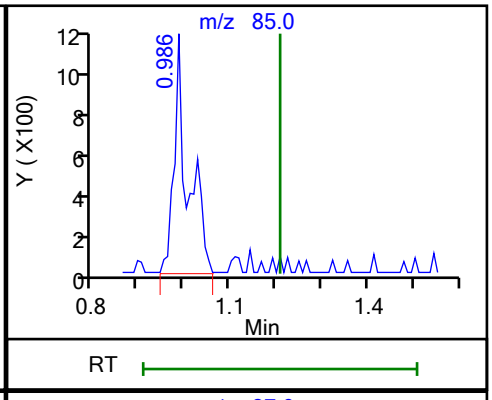
Eurofins Edison

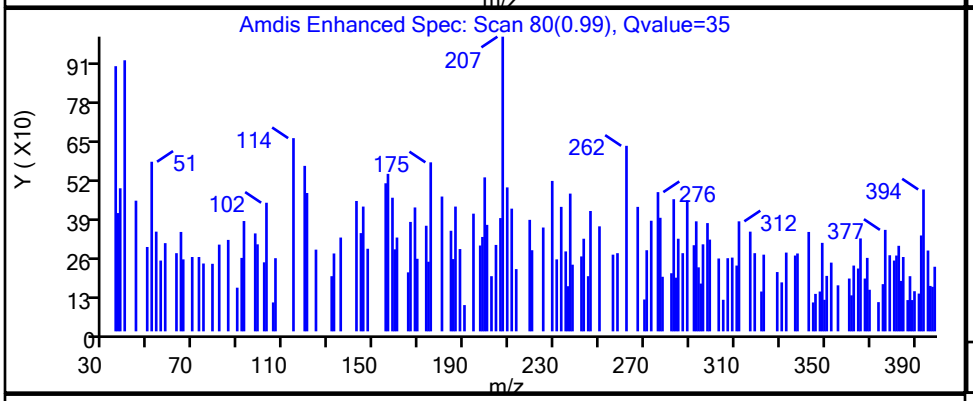
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59704.D				
Injection Date:	03-Feb-2026 15:07:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-6	Lab Sample ID:	460-344099-6		
Client ID:	TB-01_20260128				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

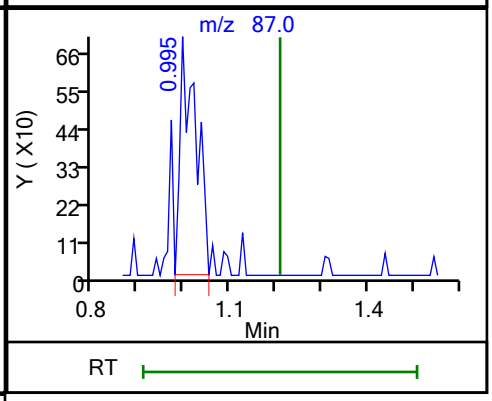
1 Dichlorodifluoromethane, CAS: 75-71-8

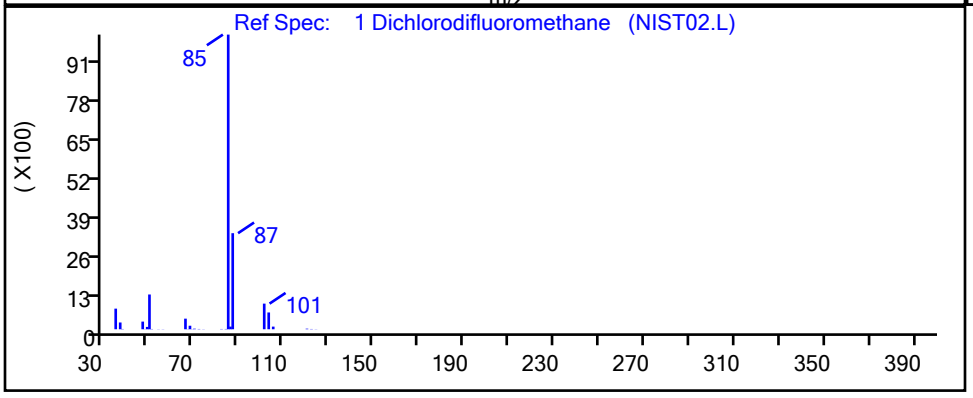
Processing Results











RT	Mass	Response	Amount
0.99	85.00	2412	0.520257
0.99	87.00	1718	

Reviewer: KG2Q, 04-Feb-2026 06:55:17 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-344099-1 Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 Calibration End Date: 01/21/2026 02:46 Calibration ID: 103783

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1086534/4	F59223.D
Level 2	STD8 460-1086534/3	F59222.D
Level 3	STD1 460-1086534/6	F59225.D
Level 4	STD5 460-1086534/7	F59226.D
Level 5	STD20 460-1086534/8	F59227.D
Level 6	STD050 460-1086534/9	F59228.D
Level 7	STD200 460-1086534/10	F59229.D
Level 8	STD500 460-1086534/11	F59230.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	+++++ 0.3938	+++++ 0.4173	0.3269 0.4251	0.5007	0.4386	Ave		0.4171			0.1000	13.7		20.0			
Chloromethane	+++++ 0.4731	+++++ 0.4848	0.5896 0.4591	0.5031	0.5535	Ave		0.5105			0.0050	9.9		20.0			
Butadiene	0.4341 0.3626	+++++ 0.3905	0.4076 0.3806	0.3850	0.4032	Ave		0.3948				5.8		20.0			
Vinyl chloride	+++++ 0.5002	+++++ 0.5166	0.5614 0.4972	0.5286	0.5487	Ave		0.5255			0.0050	4.9		20.0			
Bromomethane	+++++ 0.3852	+++++ 0.4138	0.3804 0.3845	0.3994	0.4543	Ave		0.4029			0.0050	7.0		20.0			
Chloroethane	+++++ 0.2523	+++++ 0.2664	0.3121 0.2448	0.2699	0.2883	Ave		0.2723			0.0050	9.1		20.0			
Dichlorofluoromethane	+++++ 0.7551	+++++ 0.7953	0.7116 0.7503	0.7638	0.8536	Ave		0.7716				6.3		20.0			
Pentane	+++++ 0.6620	+++++ 0.6401	0.5517 0.6781	0.7438	0.8307	Ave		0.6844				13.9		20.0			
Trichlorofluoromethane	+++++ 0.4691	+++++ 0.5068	0.4522 0.5178	0.4949	0.5339	Ave		0.4958			0.1000	6.2		20.0			
Ethanol	+++++ 0.0694	+++++ 0.0747	0.0563 0.0672	0.0543	0.0857	Ave		0.0679				17.2		20.0			
Ethyl ether	+++++ 0.2074	+++++ 0.2268	0.3484 0.2125	0.2477	0.2389	Lin2	0.1300	0.2193							0.9980		0.9900
2-Methyl-1,3-butadiene	+++++ 0.2124	+++++ 0.2207	0.1960 0.2262	0.2259	0.2606	Ave		0.2236				9.5		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2946	+++++ 0.3268	0.2861 0.3190	0.3218	0.3526	Ave		0.3168				7.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-344099-1 Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 Calibration End Date: 01/21/2026 02:46 Calibration ID: 103783

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.5174	+++++ 0.5785	0.5101 0.5660	0.5762	0.6062	Ave		0.5591				6.7		20.0			
Acrolein	+++++ 0.4774	+++++ 0.5730	0.3410 0.5190	0.5163	0.5232	Ave		0.4916				16.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.3313	+++++ 0.3819	0.2831 0.3713	0.3677	0.3990	Ave		0.3557			0.1000	11.8		20.0			
1,1-Dichloroethene	+++++ 0.3141	+++++ 0.3460	0.3257 0.3430	0.3257	0.3500	Ave		0.3341			0.1000	4.3		20.0			
Acetone	+++++ 0.6864	+++++ 1.0075	0.7907 0.9004	0.7905	0.7998	Ave		0.8292			0.0010	13.3		20.0			
Iodomethane	+++++ 0.5703	+++++ 0.6128	0.5805 0.5854	0.5902	0.6468	Ave		0.5977				4.7		20.0			
Isopropyl alcohol	+++++ 0.7746	+++++ 0.8023	0.7068 0.6854	0.6005	0.8705	Ave		0.7400				12.9		20.0			
Carbon disulfide	+++++ 1.2732	+++++ 1.3552	1.2730 1.2769	1.2848	1.4340	Ave		1.3162			0.1000	5.0		20.0			
3-Chloro-1-propene	+++++ 0.4605	+++++ 0.4901	0.5053 0.4638	0.4126	0.5195	Ave		0.4753				8.1		20.0			
Methyl acetate	+++++ 8.0644	+++++ 8.8849	7.7616 7.1678	7.2080	9.3881	Ave		8.0791			0.0500	11.1		20.0			
Cyclopentene	+++++ 0.7936	+++++ 0.8049	0.7330 0.7908	0.8640	0.9116	Ave		0.8163				7.7		20.0			
Acetonitrile	+++++ 1.8735	+++++ 2.1069	1.1941 1.8200	1.3989	1.8627	Ave		1.7093				20.0		20.0			
Methylene Chloride	+++++ 0.3700	+++++ 0.3950	0.4099 0.3755	0.3672	0.4079	Ave		0.3876			0.1000	4.9		20.0			
2-Methyl-2-propanol	+++++ 1.1759	+++++ 1.2712	1.2051 1.0742	1.3048	1.3978	Ave		1.2382				9.1		20.0			
Methyl tert-butyl ether	+++++ 0.8556	+++++ 0.9826	0.7689 0.8851	0.8541	0.9888	Ave		0.8892			0.1000	9.5		20.0			
trans-1,2-Dichloroethene	+++++ 0.3319	+++++ 0.3612	0.3509 0.3345	0.3564	0.3770	Ave		0.3520			0.1000	4.8		20.0			
Acrylonitrile	0.0708 0.0750	+++++ 0.0852	0.0612 0.0785	0.0664	0.0811	Ave		0.0740				11.4		20.0			
Hexane	+++++ 0.2302	+++++ 0.2736	0.2626 0.2562	0.2633	0.2950	Ave		0.2635				8.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-344099-1 Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 Calibration End Date: 01/21/2026 02:46 Calibration ID: 103783

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Isopropyl ether	+++++ 1.0022	+++++ 1.1066	0.9840 1.0269	0.9694	1.1140	Ave		1.0339				6.0		20.0			
1,1-Dichloroethane	+++++ 0.5723	+++++ 0.6100	0.5488 0.5501	0.5861	0.6457	Ave		0.5855			0.2000	6.4		20.0			
Vinyl acetate	+++++ 0.0438	+++++ 0.0590	0.0441 0.0587	0.0351	0.0484	Ave		0.0482				19.4		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2835	+++++ 0.3199	0.2893 0.2979	0.3334	0.3242	Ave		0.3080				6.7		20.0			
Tert-butyl ethyl ether	+++++ 0.9434	+++++ 1.0420	0.8839 0.9718	0.9400	1.0674	Ave		0.9747				7.0		20.0			
2,2-Dichloropropane	+++++ 0.1338	+++++ 0.1470	0.1288 0.1397	0.1360	0.1520	Ave		0.1396				6.2		20.0			
cis-1,2-Dichloroethene	+++++ 0.3742	+++++ 0.4131	0.4475 0.3809	0.3749	0.4262	Ave		0.4028			0.1000	7.6		20.0			
2-Butanone (MEK)	+++++ 0.3771	+++++ 0.4364	0.3505 0.4019	0.3347	0.4176	Ave		0.3864			0.0100	10.2		20.0			
Ethyl acetate	+++++ 1.4296	+++++ 1.6527	1.4156 1.4067	1.4288	1.4837	Ave		1.4695				6.4		20.0			
Methyl acrylate	+++++ 0.2145	+++++ 0.2618	0.1800 0.2308	0.1933	0.2372	Ave		0.2196				13.7		20.0			
Propionitrile	+++++ 1.6234	+++++ 1.9012	1.1788 1.5997	1.4761	1.7884	Ave		1.5946				15.8		20.0			
Tetrahydrofuran	+++++ 4.5636	+++++ 5.2243	5.0089 4.2660	4.3256	5.3851	Ave		4.7956				9.9		20.0			
Chlorobromomethane	+++++ 0.1610	+++++ 0.1820	0.1404 0.1725	0.1627	0.1789	Ave		0.1662				9.1		20.0			
Methacrylonitrile	+++++ 0.0962	+++++ 0.1100	0.0847 0.1000	0.0891	0.1068	Ave		0.0978				10.1		20.0			
Chloroform	+++++ 0.5583	+++++ 0.6005	0.5725 0.5516	0.5308	0.6341	Ave		0.5746			0.2000	6.5		20.0			
Cyclohexane	+++++ 0.5355	+++++ 0.6189	0.4218 0.6074	0.5821	0.6177	Ave		0.5639			0.1000	13.5		20.0			
1,1,1-Trichloroethane	+++++ 0.5180	+++++ 0.5714	0.4863 0.5524	0.5374	0.5853	Ave		0.5418			0.1000	6.7		20.0			
Carbon tetrachloride	+++++ 0.4109	+++++ 0.4668	0.3864 0.4536	0.4308	0.4731	Ave		0.4369			0.1000	7.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-344099-1 Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 Calibration End Date: 01/21/2026 02:46 Calibration ID: 103783

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloropropene	+++++ 0.4344	+++++ 0.4760	0.4927 0.4487	0.4415	0.4890	Ave		0.4637				5.5		20.0			
Isobutyl alcohol	+++++ 0.3039	+++++ 0.4354	0.1963 0.3752	0.3007	0.5856	QuaF		0.4558	-0.000006						0.9980		0.9900
Isooctane	+++++ 1.0843	+++++ 1.3556	0.7461 1.3564	1.0772	1.3104	Lin2	-0.540	1.2700							0.9920		0.9900
Benzene	+++++ 1.9827	2.2459 2.1132	1.9741 1.6764	2.0388	2.2744	Ave		2.0436			0.5000	9.8		20.0			
Isopropyl acetate	+++++ 0.2650	+++++ 0.3022	0.2216 0.2932	0.2561	0.2855	Ave		0.2706				10.9		20.0			
Tert-amyl methyl ether	+++++ 1.0168	+++++ 1.1325	1.0327 1.0710	0.9804	1.1250	Ave		1.0597				5.7		20.0			
1,2-Dichloroethane	+++++ 0.3278	0.4413 0.3664	0.3082 0.3390	0.3420	0.3871	Ave		0.3588			0.1000	12.4		20.0			
n-Heptane	+++++ 0.2147	+++++ 0.2679	0.1810 0.2614	0.2279	0.2694	Ave		0.2371				15.0		20.0			
Trichloroethene	+++++ 0.3274	0.3199 0.3672	0.3461 0.3530	0.3296	0.3654	Ave		0.3441			0.2000	5.5		20.0			
n-Butanol	+++++ 0.1513	+++++ 0.2826	0.4775 0.2680	0.0636	0.0995	Ave		0.2238				68.1	*	20.0			
Ethyl acrylate	+++++ 0.6743	+++++ 0.8201	0.5381 0.7960	0.5958	0.7610	Ave		0.6976				16.4		20.0			
Methylcyclohexane	+++++ 0.5766	+++++ 0.7004	0.5037 0.7037	0.6301	0.7011	Ave		0.6359			0.1000	13.0		20.0			
1,2-Dichloropropane	+++++ 0.3370	0.3965 0.3867	0.4239 0.3643	0.3489	0.3890	Ave		0.3781			0.1000	7.9		20.0			
Methyl methacrylate	+++++ 0.0654	+++++ 0.0777	0.0416 0.0757	0.0561	0.0696	Lin2	-0.062	0.0710							0.9920		0.9900
1,4-Dioxane	+++++ 1.3992	+++++ 1.4769	1.0997 0.9332	1.6146	1.5193	Ave		1.3405				19.8		20.0			
Dibromomethane	+++++ 0.1800	+++++ 0.2080	0.2208 0.1985	0.1881	0.1984	Ave		0.1990				7.2		20.0			
n-Propyl acetate	+++++ 0.2782	+++++ 0.3378	0.3000 0.3284	0.2361	0.2987	Ave		0.2965				12.4		20.0			
Dichlorobromomethane	+++++ 0.3940	0.5026 0.4537	0.3800 0.4396	0.3878	0.4553	Ave		0.4304			0.2000	10.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-344099-1 Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 Calibration End Date: 01/21/2026 02:46 Calibration ID: 103783

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Nitropropane	+++++ 0.0464	+++++ 0.0533	0.0601 0.0533	0.0450	0.0463	Ave		0.0507				11.6		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1640	+++++ 0.1921	0.1746 0.1835	0.1323	0.1698	Ave		0.1694				12.2		20.0			
Epichlorohydrin	0.6957 1.2100	+++++ 1.4341	0.8933 1.2276	0.8393	1.2153	QuaF		1.5181	-0.000029						0.9990		0.9900
cis-1,3-Dichloropropene	+++++ 0.7325	1.0675 0.8305	0.6537 0.7008	0.7327	0.8425	Ave		0.7943			0.2000	17.4		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 3.0962	+++++ 3.5667	2.4703 3.2413	2.7363	3.4331	Ave		3.0906			0.0500	13.6		20.0			
Toluene	+++++ 1.9996	+++++ 2.1982	2.0416 1.8343	2.1019	2.2777	Ave		2.0755			0.4000	7.5		20.0			
trans-1,3-Dichloropropene	+++++ 0.5708	0.6670 0.6642	0.4552 0.5717	0.5310	0.6628	Ave		0.5889			0.1000	13.7		20.0			
Ethyl methacrylate	+++++ 0.4877	+++++ 0.5935	0.4694 0.5148	0.4649	0.5379	Ave		0.5114				9.6		20.0			
1,1,2-Trichloroethane	+++++ 0.3293	0.2277 0.3676	0.2749 0.3188	0.3235	0.3725	Ave		0.3163			0.1000	16.1		20.0			
Tetrachloroethene	+++++ 0.4132	0.5136 0.4625	0.4565 0.4078	0.4499	0.4745	Ave		0.4540			0.2000	8.0		20.0			
1,3-Dichloropropane	+++++ 0.6200	+++++ 0.6901	0.5639 0.5889	0.5842	0.6792	Ave		0.6211				8.5		20.0			
2-Hexanone	+++++ 6.7019	+++++ 9.0667	4.7228 8.1121	5.6845	7.1699	Lin	-5.828	8.2320			0.0500				0.9970		0.9900
n-Butyl acetate	+++++ 0.4995	+++++ 0.5839	0.3382 0.5185	0.4997	0.5418	Ave		0.4969				16.9		20.0			
Chlorodibromomethane	+++++ 0.3944	0.5512 0.4608	0.3698 0.4059	0.3709	0.4514	Ave		0.4292			0.1000	15.1		20.0			
Ethylene Dibromide	+++++ 0.3584	+++++ 0.4154	0.3644 0.3604	0.3571	0.4095	Ave		0.3775			0.1000	7.2		20.0			
Chlorobenzene	+++++ 1.2074	+++++ 1.3863	1.1425 1.2193	1.2217	1.3884	Ave		1.2609			0.5000	8.1		20.0			
Ethylbenzene	+++++ 0.7149	+++++ 0.8088	0.7076 0.7316	0.7179	0.8048	Ave		0.7476			0.1000	6.2		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4670	+++++ 0.5443	0.4789 0.4884	0.5145	0.5330	Ave		0.5043				6.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-344099-1 Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 Calibration End Date: 01/21/2026 02:46 Calibration ID: 103783

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
m-Xylene & p-Xylene	+++++ 0.8775	+++++ 0.9976	0.8157 0.8850	0.8762	1.0028	Ave		0.9091			0.1000	8.2		20.0			
o-Xylene	+++++ 0.9290	+++++ 1.0582	0.8143 0.9464	0.8794	1.0351	Ave		0.9437			0.3000	9.8		20.0			
n-Butyl acrylate	+++++ 0.3162	+++++ 0.4203	0.2168 0.3933	0.2768	0.3424	Qua2	-0.122	0.3326	0.0001626						0.9910		0.9900
Styrene	+++++ 1.3846	+++++ 1.5781	1.1527 1.4116	1.3028	1.5100	Ave		1.3900			0.3000	10.9		20.0			
Bromoform	+++++ 0.2147	+++++ 0.2663	0.2041 0.2467	0.2021	0.2289	Ave		0.2271			0.1000	11.2		20.0			
Amyl acetate (mixed isomers)	+++++ 1.2179	+++++ 1.4679	0.8418 1.3347	0.9753	1.2821	Ave		1.1866				19.8		20.0			
Isopropylbenzene	+++++ 2.1463	+++++ 2.4310	2.0931 2.0222	2.0986	2.4224	Ave		2.2023			0.1000	8.1		20.0			
Bromobenzene	+++++ 0.8872	+++++ 1.0044	0.8316 0.9380	0.8699	1.0349	Ave		0.9277				8.6		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.9121	1.0967 1.0584	0.7280 0.9267	0.8487	1.0465	Ave		0.9453			0.3000	13.9		20.0			
N-Propylbenzene	+++++ 5.0017	+++++ 5.2910	4.7407 4.0102	4.9424	5.8838	Ave		4.9783				12.4		20.0			
1,2,3-Trichloropropane	+++++ 0.2308	+++++ 0.2635	0.2537 0.2370	0.2324	0.2700	Ave		0.2479				6.8		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1899	+++++ 0.2229	0.1488 0.2001	0.1605	0.2090	Ave		0.1885				15.2		20.0			
2-Chlorotoluene	+++++ 3.4435	+++++ 3.7529	3.2776 3.1334	3.3998	4.0179	Ave		3.5042				9.3		20.0			
4-Ethyltoluene	+++++ 4.0257	+++++ 4.3582	3.4556 3.6155	3.9567	4.6275	Ave		4.0065				11.0		20.0			
1,3,5-Trimethylbenzene	+++++ 3.7767	+++++ 4.0415	3.4020 3.1891	3.6540	4.2961	Ave		3.7266				10.9		20.0			
4-Chlorotoluene	+++++ 3.1430	+++++ 3.4674	2.6817 3.0927	3.2596	3.6790	Ave		3.2206				10.6		20.0			
Butyl Methacrylate	+++++ 1.4419	+++++ 1.7398	1.2411 1.5208	1.2144	1.6625	Ave		1.4701				14.6		20.0			
tert-Butylbenzene	+++++ 2.9894	+++++ 3.3131	2.8653 2.7695	2.8892	3.4654	Ave		3.0486				9.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-344099-1 Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 Calibration End Date: 01/21/2026 02:46 Calibration ID: 103783

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	+++++ 3.7928	+++++ 4.1250	3.5464 3.1387	3.6021	4.2991	Ave		3.7507				11.2		20.0			
sec-Butylbenzene	+++++ 4.9821	+++++ 5.1993	4.7756 3.5993	4.6916	5.7187	Ave		4.8278				14.6		20.0			
1,3-Dichlorobenzene	+++++ 1.8572	+++++ 2.1321	1.7240 1.9367	1.8831	2.1828	Ave		1.9526			0.6000	8.9		20.0			
4-Isopropyltoluene	+++++ 4.1232	+++++ 4.5052	3.7066 3.2851	4.0115	4.7639	Ave		4.0659				13.1		20.0			
1,4-Dichlorobenzene	+++++ 1.9078	+++++ 2.1461	1.8732 1.9298	2.0188	2.2645	Ave		2.0234			0.5000	7.6		20.0			
1,2,3-Trimethylbenzene	+++++ 4.0577	+++++ 4.3951	3.4580 3.2279	3.8445	4.6594	Ave		3.9404				13.8		20.0			
Benzyl chloride	+++++ 1.9088	+++++ 2.2711	1.7785 1.9543	1.8701	2.2889	Ave		2.0120				10.7		20.0			
Indan	+++++ 3.4967	+++++ 3.8546	3.2816 2.8951	3.3681	4.0676	Ave		3.4939				12.0		20.0			
p-Diethylbenzene	+++++ 2.5093	+++++ 2.7605	2.2372 2.3616	2.4757	2.8960	Ave		2.5400				9.7		20.0			
n-Butylbenzene	+++++ 2.2775	+++++ 2.4822	2.0575 2.0982	2.2542	2.6221	Ave		2.2986				9.5		20.0			
1,2-Dichlorobenzene	+++++ 1.9186	+++++ 2.1336	1.8924 1.8704	1.9252	2.2092	Ave		1.9916			0.4000	7.2		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 4.2658	+++++ 4.5959	3.8808 3.0866	4.0300	4.9403	Ave		4.1332				15.5		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1866	+++++ 0.2185	0.1904 0.1868	0.2005	0.2181	Ave		0.2001			0.0200	7.5		20.0			
1,3,5-Trichlorobenzene	+++++ 1.6287	+++++ 1.8552	1.6467 1.5481	1.6118	1.8436	Ave		1.6890				7.6		20.0			
1,2,4-Trichlorobenzene	+++++ 1.5750	+++++ 1.7385	1.4393 1.3795	1.4653	1.8239	Ave		1.5702			0.2000	11.3		20.0			
Hexachlorobutadiene	+++++ 0.5827	+++++ 0.6639	0.4781 0.5575	0.5806	0.6428	Ave		0.5843				11.3		20.0			
Naphthalene	+++++ 3.5486	+++++ 3.7240	3.6011 2.6934	3.4478	4.1305	Ave		3.5242				13.4		20.0			
1,2,3-Trichlorobenzene	+++++ 1.4164	+++++ 1.4993	1.3905 1.1427	1.3924	1.6321	Ave		1.4122				11.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-344099-1 Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 Calibration End Date: 01/21/2026 02:46 Calibration ID: 103783

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibromofluoromethane (Surr)	0.2372 0.2384	0.2398 0.2308	0.2362 0.2379	0.2382	0.2371	Ave		0.2370				1.1		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2093 0.2210	0.2214 0.2264	0.2134 0.2611	0.2215	0.2313	Ave		0.2257				7.0		20.0			
Toluene-d8 (Surr)	1.4120 1.3971	1.3832 1.3802	1.3787 1.2816	1.3615	1.4049	Ave		1.3749				3.0		20.0			
4-Bromofluorobenzene	0.3638 0.3540	0.3505 0.3725	0.3537 0.3707	0.3626	0.3598	Ave		0.3609				2.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-344099-1 | Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 | Calibration End Date: 01/21/2026 02:46 | Calibration ID: 103783

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1086534/4	F59223.D
Level 2	STD8 460-1086534/3	F59222.D
Level 3	STD1 460-1086534/6	F59225.D
Level 4	STD5 460-1086534/7	F59226.D
Level 5	STD20 460-1086534/8	F59227.D
Level 6	STD050 460-1086534/9	F59228.D
Level 7	STD200 460-1086534/10	F59229.D
Level 8	STD500 460-1086534/11	F59230.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	+++++ 290766	+++++ 1225004	4653 3167197	35319	118893	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 349348	+++++ 1422996	8393 3421007	35485	150048	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1515 267744	+++++ 1146218	5803 2835452	27153	109296	0.250 50.0	+++++ 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 369345	+++++ 1516490	7992 3704393	37285	148738	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 284460	+++++ 1214591	5415 2864661	28172	123143	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 186282	+++++ 782014	4443 1823609	19038	78146	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 557576	+++++ 2334337	10130 5590051	53874	231391	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Pentane	BUT	Ave	+++++ 63482	+++++ 255158	928 724794	6468	27673	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Trichlorofluoromethane	FB	Ave	+++++ 346390	+++++ 1487493	6437 3857787	34907	144726	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethanol	TBAd9	Ave	+++++ 34861	+++++ 147310	531 378882	2547	15133	+++++ 2000	+++++ 8000	40.0 20000	200	800
Ethyl ether	FB	Lin2	+++++ 153121	+++++ 665612	4959 1583527	17471	64755	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 156867	+++++ 647922	2790 1685167	15934	70654	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 217548	+++++ 959321	4073 2376902	22700	95595	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 382057	+++++ 1697960	7262 4217201	40640	164340	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrolein	BUT	Ave	+++++ 45775	+++++ 114223	1147 221901	8979	17430	+++++ 100	+++++ 200	4.00 400	20.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-344099-1 | Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 | Calibration End Date: 01/21/2026 02:46 | Calibration ID: 103783

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 244655	+++++ 1121087	4030 2766591	25939	108158	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	+++++ 231922	+++++ 1015501	4637 2555349	22971	94874	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 164535	+++++ 1004056	3325 2406133	17184	66610	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	+++++ 421091	+++++ 1798790	8264 4361645	41631	175337	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 97277	+++++ 395603	1665 966834	7042	38440	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	+++++ 940141	+++++ 3977995	18122 9513690	90625	388754	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 340004	+++++ 1438629	7193 3455995	29102	140826	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methyl acetate	TBAd9	Ave	+++++ 202540	+++++ 876235	3657 2022116	16905	82915	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 586010	+++++ 2362475	10435 5892281	60941	247132	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetonitrile	TBAd9	Ave	+++++ 235268	+++++ 1038900	2813 2567140	16404	82257	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 273188	+++++ 1159522	5835 2798025	25902	110569	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 147661	+++++ 626854	2839 1515186	15301	61726	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	+++++ 631777	+++++ 2884199	10945 6595053	60245	268041	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 245106	+++++ 1060212	4995 2492581	25140	102197	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	1977 554028	+++++ 2501471	8712 5846092	46803	219933	2.00 500	+++++ 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 169974	+++++ 803213	3738 1908811	18570	79966	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 740033	+++++ 3248057	14008 7651098	68377	301999	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 422594	+++++ 1790471	7813 4098665	41340	175036	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Vinyl acetate	FB	Ave	+++++ 64667	+++++ 346484	1255 874937	4953	26235	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 209340	+++++ 939101	4118 2219422	23514	87900	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-344099-1 | Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 | Calibration End Date: 01/21/2026 02:46 | Calibration ID: 103783

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tert-butyl ethyl ether	FB	Ave	+++++ 696569	+++++ 3058558	12582 7240580	66305	289353	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 98822	+++++ 431533	1834 1040998	9594	41201	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 276338	+++++ 1212646	6370 2838147	26443	115546	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	+++++ 90395	+++++ 434898	1474 1074038	7276	34782	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Ethyl acetate	TBAd9	Ave	+++++ 35905	+++++ 162989	667 396846	3351	13104	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Methyl acrylate	CBNZd5	Ave	+++++ 109777	+++++ 545493	1724 1393474	9194	44236	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Propionitrile	TBAd9	Ave	+++++ 203863	+++++ 937499	2777 2256450	17310	78976	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Tetrahydrofuran	TBAd9	Ave	+++++ 114615	+++++ 515229	2360 1203486	10145	47561	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Chlorobromomethane	FB	Ave	+++++ 118900	+++++ 534167	1998 1285319	11477	48487	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	+++++ 710600	+++++ 3228497	12055 7450373	62824	289507	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 412221	+++++ 1762603	8150 4109792	37441	171906	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 395423	+++++ 1816695	6004 4525510	41059	167465	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 382519	+++++ 1677097	6923 4116057	37904	158677	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 303418	+++++ 1370275	5501 3379877	30385	128250	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 320757	+++++ 1397126	7014 3343455	31140	132556	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	QuaF	+++++ 95413	+++++ 536689	1156 1323021	8815	64651	+++++ 1250	+++++ 5000	25.0 12500	125	500
Isooctane	FB	Lin2	+++++ 800669	+++++ 3979090	10621 10106198	75979	355226	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 1014795	4054 4403268	18910 10121204	96957	424075	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	+++++ 195644	+++++ 887122	3155 2184351	18061	77398	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++	+++++	14701	69151	304971	+++++	+++++	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-344099-1 | Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 | Calibration End Date: 01/21/2026 02:46 | Calibration ID: 103783

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			750815	3324304	7979923			50.0	200	500		
1,2-Dichloroethane	FB	Ave	+++++ 242032	1181 1075561	4388 2525617	24120	104936	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 158523	+++++ 786346	2577 1947681	16078	73045	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Trichloroethene	FB	Ave	+++++ 241754	856 1077950	4927 2630126	23251	99066	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 47512	+++++ 348423	2812 945030	1864	10986	+++++ 1250	+++++ 5000	25.0 12500	125	500
Ethyl acrylate	FB	Ave	+++++ 497914	+++++ 2407227	7660 5931072	42027	206300	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 425767	+++++ 2055908	7171 5243070	44444	190065	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 248836	1061 1135044	6035 2714519	24612	105462	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Lin2	+++++ 96528	+++++ 456360	1185 1128213	7918	37709	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 42641	+++++ 183427	1517 433339	3866	16468	+++++ 1000	+++++ 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	+++++ 132939	+++++ 610635	3143 1479081	13265	53775	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 205386	+++++ 991506	4271 2447180	16654	80966	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	+++++ 290920	1345 1331809	5409 3275615	27354	123421	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Ave	+++++ 68468	+++++ 313065	1711 794496	6353	25115	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 121414	+++++ 565147	2491 1370276	9351	46139	+++++ 50.1	+++++ 200	1.00 501	5.01	20.0
Epichlorohydrin	TBAd9	QuaF	752 303902	+++++ 1414353	4209 3463132	19685	107333	5.00 1000	+++++ 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 374918	1927 1730546	6262 4231303	34844	157084	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 742216	+++++ 3554712	10388 8661324	59482	285921	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++ 1023431	+++++ 4580507	19557 11074385	99960	424688	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 292138	1204 1384009	4360 3451665	25254	123579	+++++ 50.0	0.200 200	1.00 500	5.00	20.0

Lab Name: Eurofins Edison | Job No.: 460-344099-1 | Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 | Calibration End Date: 01/21/2026 02:46 | Calibration ID: 103783

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl methacrylate	CBNZd5	Ave	+++++ 249639	+++++ 1236690	4496 3108343	22111	100294	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 168556	411 766066	2633 1924798	15384	69461	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Ave	+++++ 211493	927 963684	4373 2461898	21396	88480	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 317339	+++++ 1437969	5402 3555492	27781	126648	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Hexanone	TBAd9	Lin	+++++ 420798	+++++ 2235424	5563 5721235	33330	158311	+++++ 250	+++++ 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd5	Ave	+++++ 255669	+++++ 1216688	3240 3130676	23762	101017	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBNZd5	Ave	+++++ 201868	995 960147	3542 2450554	17638	84159	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZd5	Ave	+++++ 183426	+++++ 865603	3491 2175811	16984	76347	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 617970	+++++ 2888665	10944 7361290	58102	258871	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 365882	+++++ 1685352	6778 4416831	34139	150069	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 238999	+++++ 1134197	4587 2948934	24468	99384	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 449104	+++++ 2078819	7814 5343453	41669	186972	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
o-Xylene	CBNZd5	Ave	+++++ 475493	+++++ 2205028	7800 5713793	41819	193007	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZd5	Qua2	+++++ 161827	+++++ 875725	2077 2374495	13165	63852	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Styrene	CBNZd5	Ave	+++++	+++++	11042	61956	281548	+++++	+++++	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-344099-1 Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 Calibration End Date: 01/21/2026 02:46 Calibration ID: 103783

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			708680	3288422	8522363			50.0	200	500		
Bromoform	CBNZd5	Ave	+++++ 109881	+++++ 554806	1955 1489235	9611	42682	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 337726	+++++ 1728593	4412 4620191	25709	126307	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 1098547	+++++ 5065511	20050 12209178	99804	451679	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 246018	+++++ 1182770	4359 3246845	22931	101953	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 252915	1099 1246437	3816 3208030	22371	103104	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 1386931	+++++ 6230786	24848 13881713	130278	579668	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 63992	+++++ 310334	1330 820495	6126	26603	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 52648	+++++ 262529	780 692783	4230	20587	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 954847	+++++ 4419533	17179 10846772	89616	395836	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 1116297	+++++ 5132273	18112 12515413	104295	455898	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 1047258	+++++ 4759372	17831 11039459	96316	423246	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 871536	+++++ 4083241	14056 10705600	85922	362449	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd4	Ave	+++++ 399833	+++++ 2048841	6505 5264449	32010	163788	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 828946	+++++ 3901513	15018 9587089	76157	341406	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 1051724	+++++ 4857700	18588 10864833	94948	423538	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 1381496	+++++ 6122741	25031 12459573	123666	563402	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 514977	+++++ 2510767	9036 6704169	49638	215045	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 1143344	+++++ 5305360	19428 11371727	105740	469337	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 529028	+++++ 2527329	9818 6680322	53214	223092	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-344099-1 | Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 | Calibration End Date: 01/21/2026 02:46 | Calibration ID: 103783

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 1125157	+++++ 5175709	18125 11173633	101338	459042	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 529296	+++++ 2674437	9322 6765166	49295	225495	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 969612	+++++ 4539225	17200 10021628	88780	400734	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 695801	+++++ 3250824	11726 8174985	65258	285306	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 631524	+++++ 2923058	10784 7263274	59420	258323	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 532001	+++++ 2512597	9919 6474616	50747	217650	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 1182864	+++++ 5412167	20341 10684618	106227	486709	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 51742	+++++ 257326	998 646632	5284	21484	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 451618	+++++ 2184724	8631 5359012	42486	181633	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 436726	+++++ 2047321	7544 4775154	38623	179687	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 161581	+++++ 781808	2506 1929727	15304	63331	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	+++++ 983996	+++++ 4385411	18875 9323503	90881	406932	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 392745	+++++ 1765635	7288 3955579	36704	160792	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	165589 176046	160441 169355	168133 177260	168042	160703	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	146069 163218	148097 166144	151924 194518	156262	156770	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	652915 715083	624215 718978	660334 773740	647486	654899	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	168228 181162	158153 194028	169401 223839	172424	167713	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-344099-1 | Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 | Calibration End Date: 01/21/2026 02:46 | Calibration ID: 103783

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-344099-1 | Analy Batch No.: 1086534

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2026 00:00 | Calibration End Date: 01/21/2026 02:46 | Calibration ID: 103783

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1086534/4	F59223.D
Level 2	STD8 460-1086534/3	F59222.D
Level 3	STD1 460-1086534/6	F59225.D
Level 4	STD5 460-1086534/7	F59226.D
Level 5	STD20 460-1086534/8	F59227.D
Level 6	STD050 460-1086534/9	F59228.D
Level 7	STD200 460-1086534/10	F59229.D
Level 8	STD500 460-1086534/11	F59230.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethyl ether	+++++	+++++	-0.4						30			
Isooctane	+++++	+++++	1.3						30			
Methyl methacrylate	+++++	+++++	2.5						30			
2-Hexanone	+++++	+++++	-28.5						30			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 21-Jan-2026 00:00:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0201827-003
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Jan-2026 11:04:44 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: HVW2 Date: 21-Jan-2026 00:49:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 25 TBA-d9 (IS)	65	2.523	2.523	0.000	100	216946	1000.0	1000.0	
* 38 2-Butanone-d5	46	3.427	3.435	-0.008	91	189944	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	97	160441	50.0	50.6	
55 Benzene	78	4.150	4.142	0.008	40	4054	0.2000	0.2198	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	91	148097	50.0	49.0	
59 1,2-Dichloroethane	62	4.224	4.224	0.000	1	1181	0.2000	0.2460	
* 61 Fluorobenzene	96	4.405	4.405	0.000	100	669059	50.0	50.0	
63 Trichloroethene	95	4.725	4.725	0.000	46	856	0.2000	0.1859	M
66 1,2-Dichloropropane	63	4.980	4.988	-0.008	27	1061	0.2000	0.2097	
* 67 1,4-Dioxane-d8	96	5.046	5.037	0.009	37	25607	1000.0	1000.0	
72 Dichlorobromomethane	83	5.243	5.243	0.000	57	1345	0.2000	0.2335	a
76 cis-1,3-Dichloropropene	75	5.711	5.711	0.000	40	1927	0.2000	0.2688	M
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	624215	50.0	50.3	
80 trans-1,3-Dichloropropene	75	6.360	6.344	0.016	14	1204	0.2000	0.2265	Ma
82 1,1,2-Trichloroethane	83	6.541	6.541	0.000	19	411	0.2000	0.1440	
83 Tetrachloroethene	166	6.574	6.582	-0.008	38	927	0.2000	0.2262	
87 Chlorodibromomethane	129	6.944	6.960	-0.016	1	995	0.2000	0.2569	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	85	451268	50.0	50.0	
$ 100 4-Bromofluorobenzene	174	9.064	9.055	0.009	88	158153	50.0	48.5	
102 1,1,2,2-Tetrachloroethane	83	9.236	9.236	0.000	41	1099	0.2000	0.2320	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	95	250526	50.0	50.0	
S 132 Total BTEX	1				0		1.00	0.2198	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00193	Amount Added:	0.00	Units: uL	
GASES Li_00680	Amount Added:	0.00	Units: uL	
14DIOXINTER_00193	Amount Added:	0.00	Units: uL	
524FREONS_00049	Amount Added:	0.00	Units: uL	
GAS Hi_00516	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00170	Amount Added:	0.00	Units: uL	
MIX I Hi_00197	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00217	Amount Added:	2.00	Units: uL	
ACRY/EPIH MIX_00146	Amount Added:	0.00	Units: uL	
VOA6IS/SURR_00085	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 24-Jan-2026 11:04:44 Chrom Revision: 2.3 27-Dec-2025 13:45:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D

Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6 Operator ID:

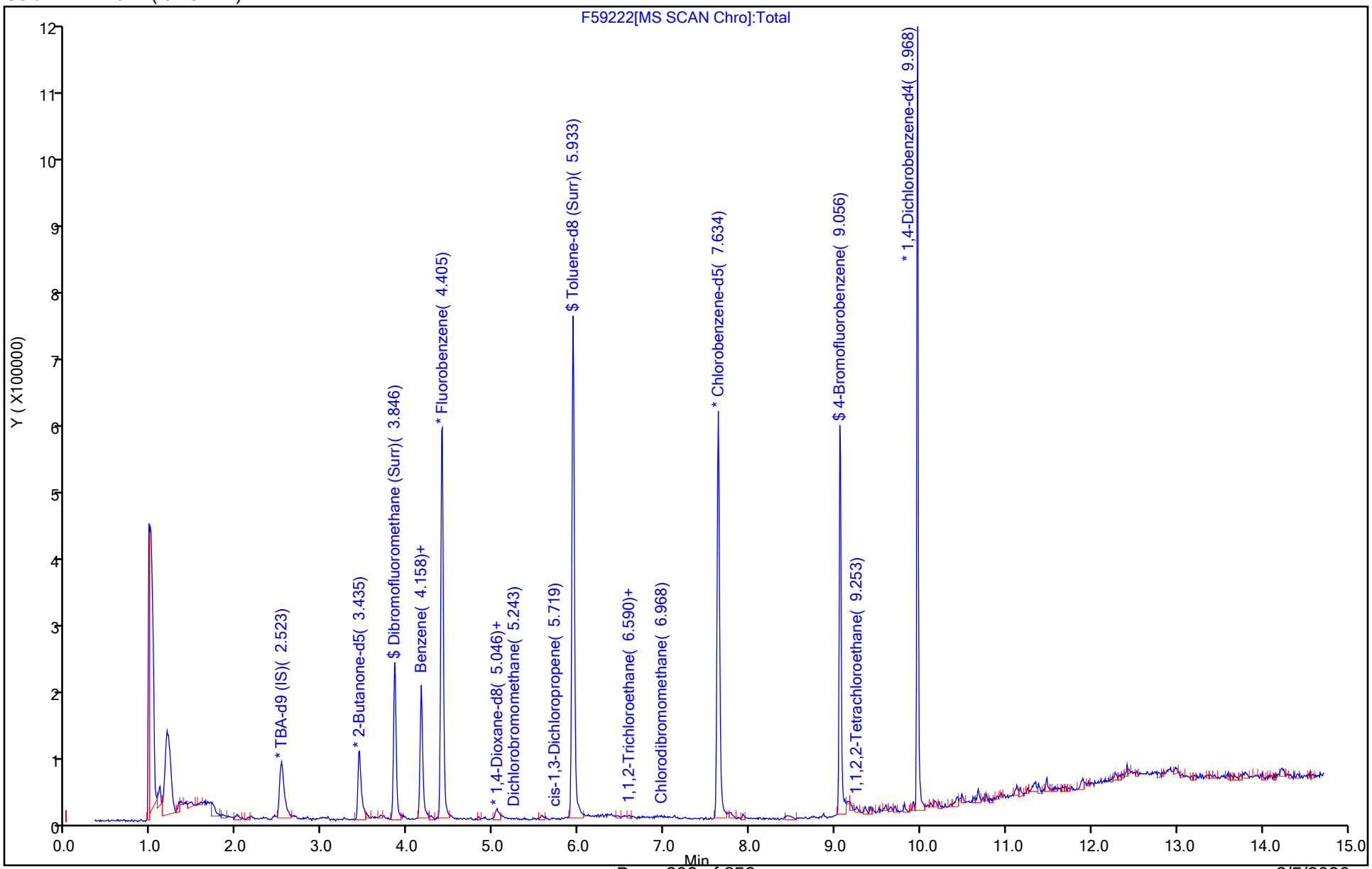
Lims ID: STD8 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

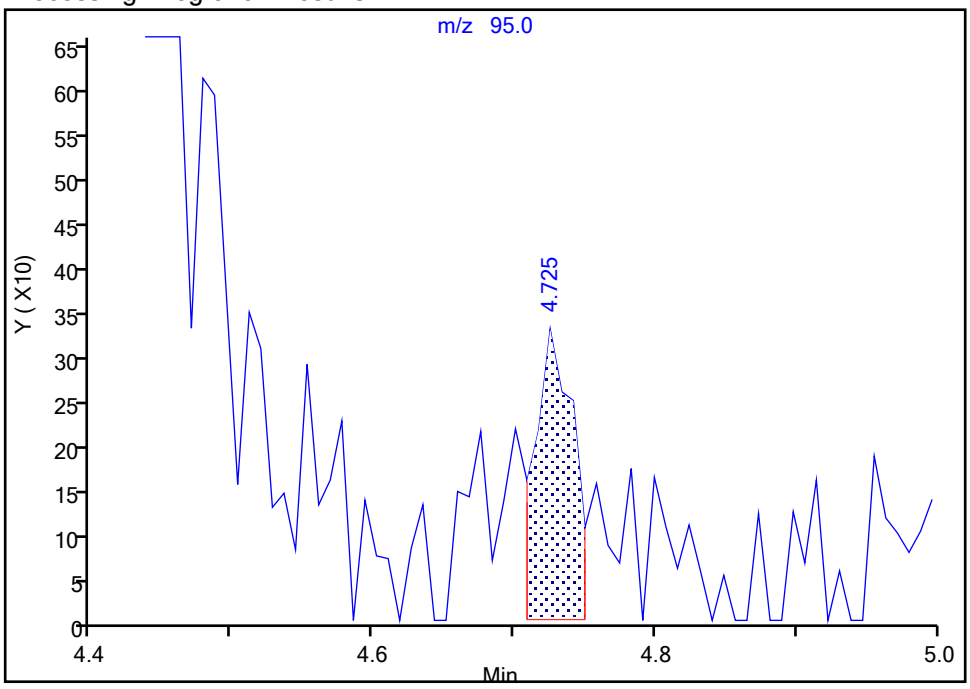
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Trichloroethene, CAS: 79-01-6

Signal: 1

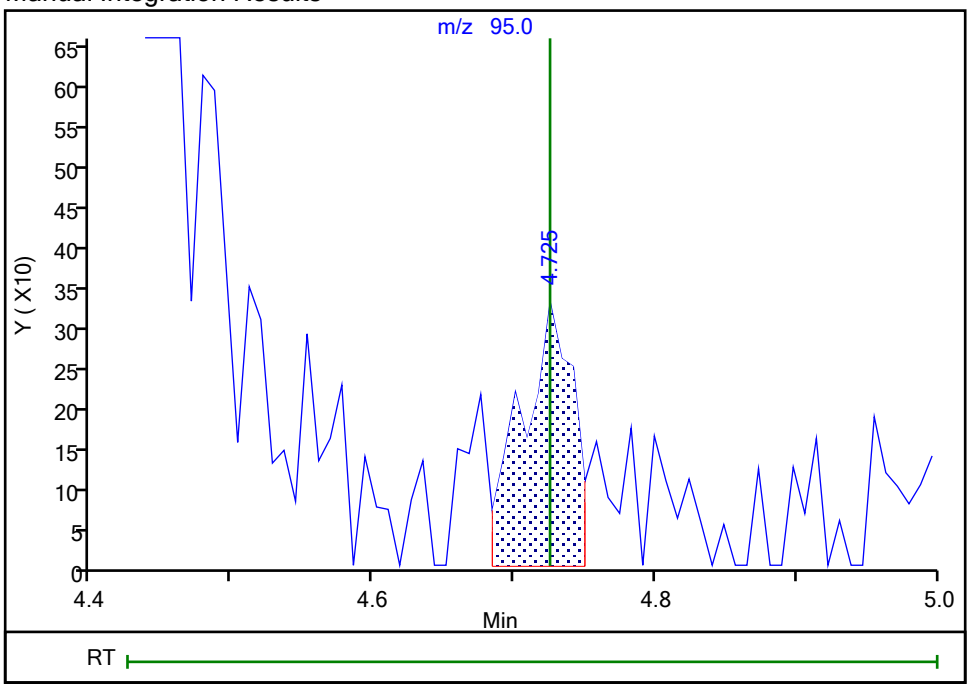
Processing Integration Results

RT: 4.73
Area: 649
Amount: 0.145628
Amount Units: ug/l



Manual Integration Results

RT: 4.73
Area: 856
Amount: 0.185908
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:15:22 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

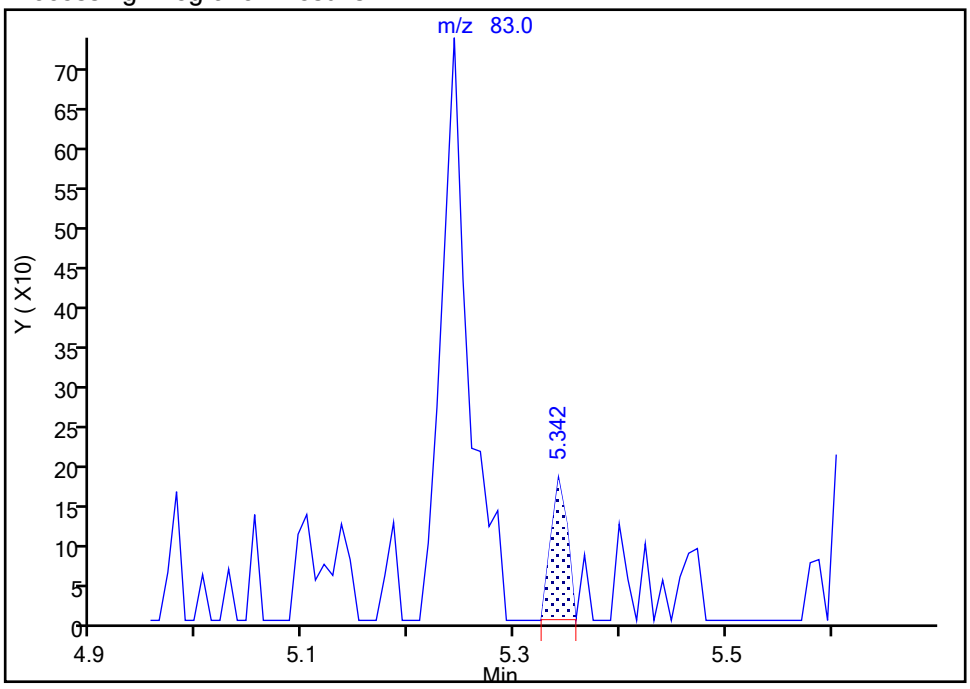
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

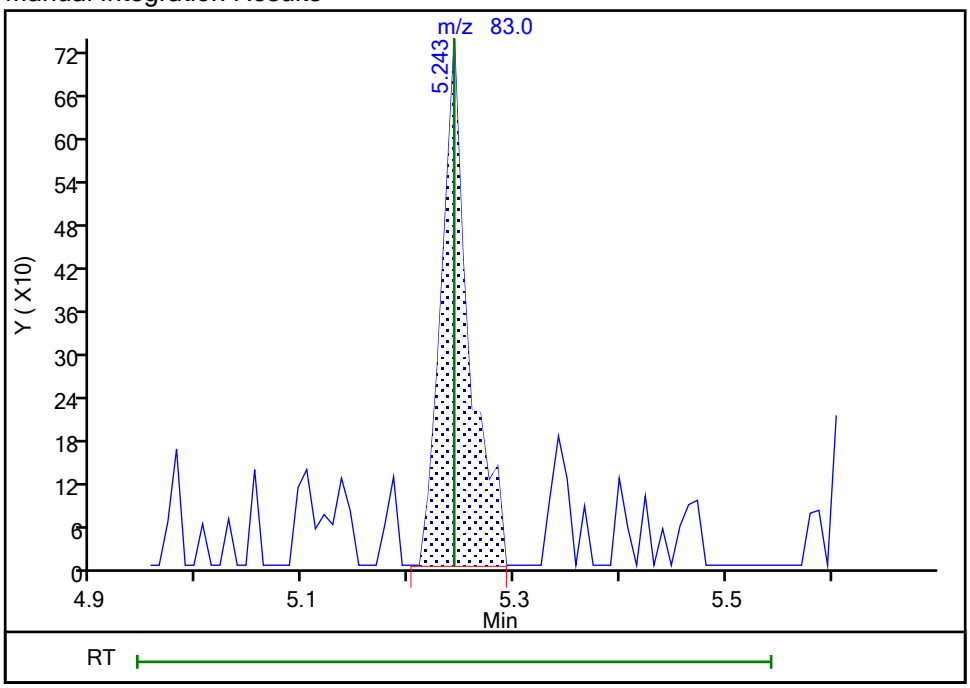
Processing Integration Results

RT: 5.34
Area: 195
Amount: 0.200000
Amount Units: ug/l



Manual Integration Results

RT: 5.24
Area: 1345
Amount: 0.233523
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 00:47:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

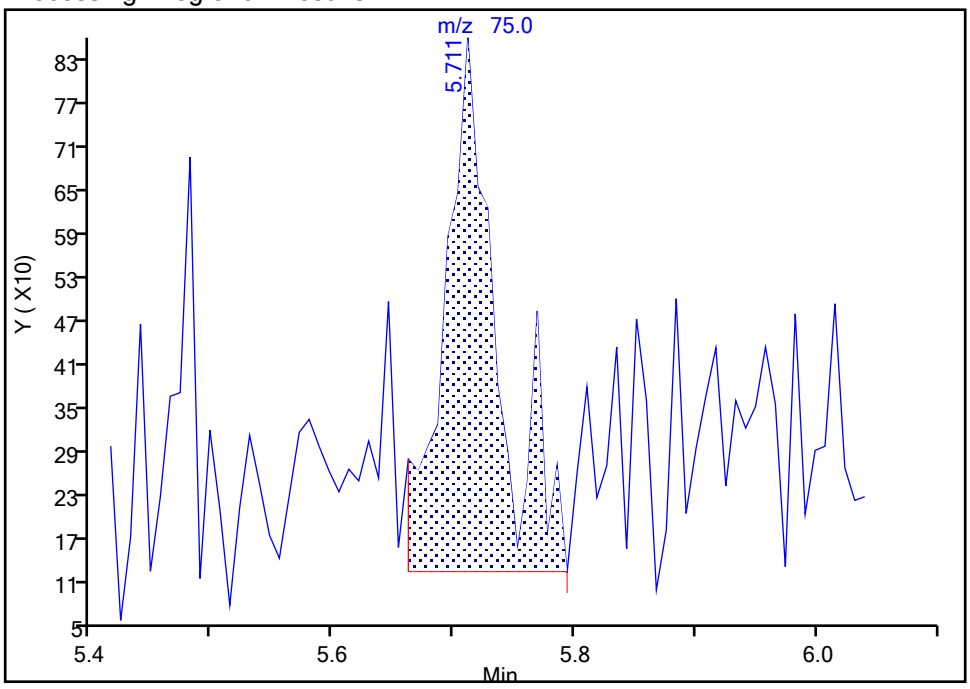
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

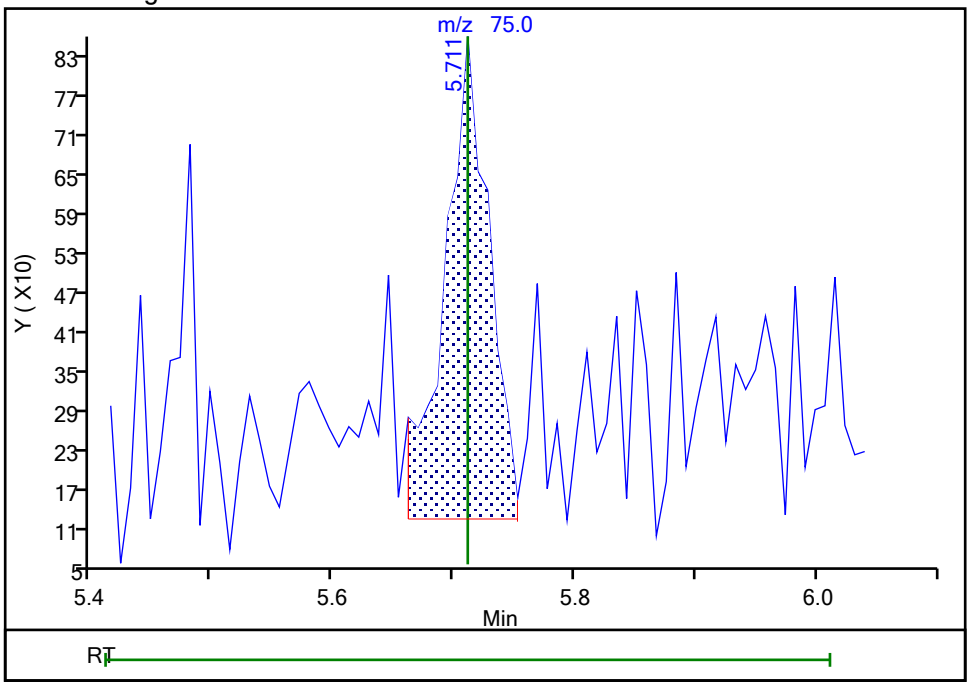
Processing Integration Results

RT: 5.71
Area: 2264
Amount: 0.280960
Amount Units: ug/l



Manual Integration Results

RT: 5.71
Area: 1927
Amount: 0.268794
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:15:41 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

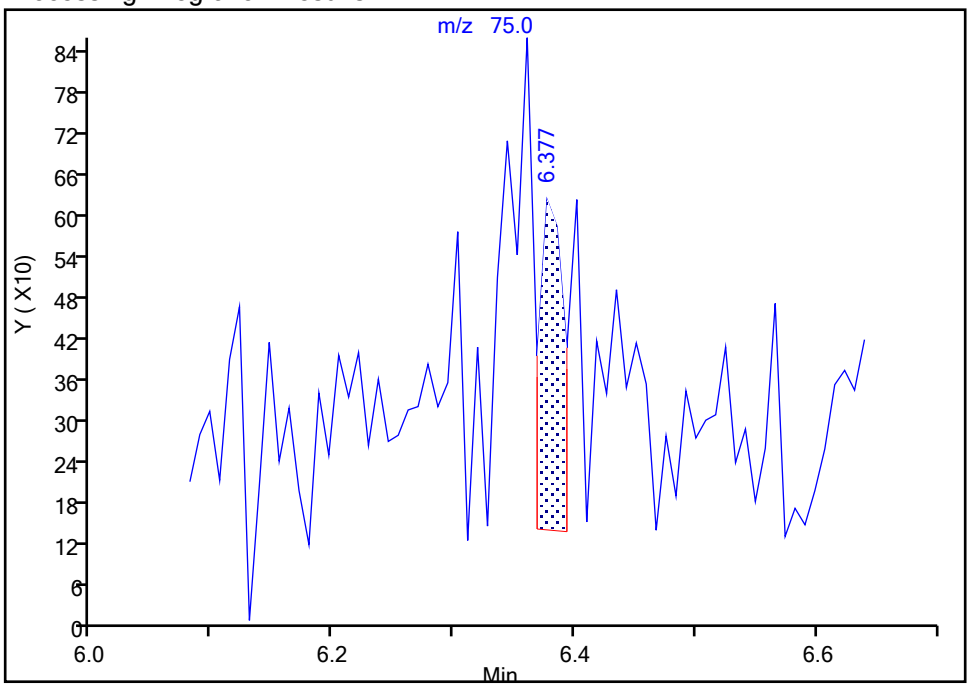
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

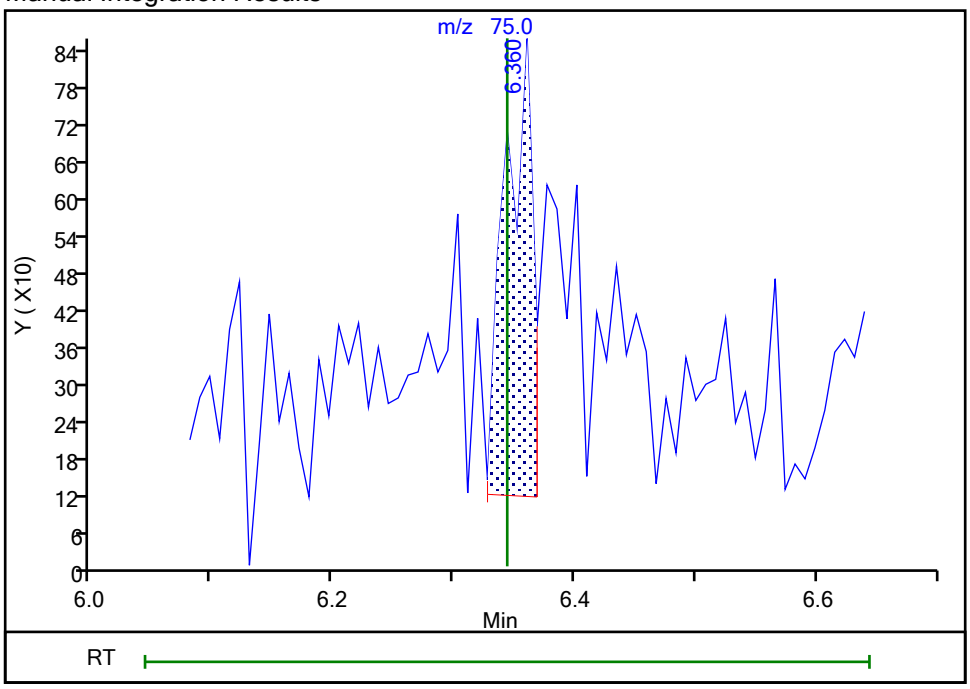
Processing Integration Results

RT: 6.38
Area: 715
Amount: 0.143973
Amount Units: ug/l



Manual Integration Results

RT: 6.36
Area: 1204
Amount: 0.226508
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:16:02 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

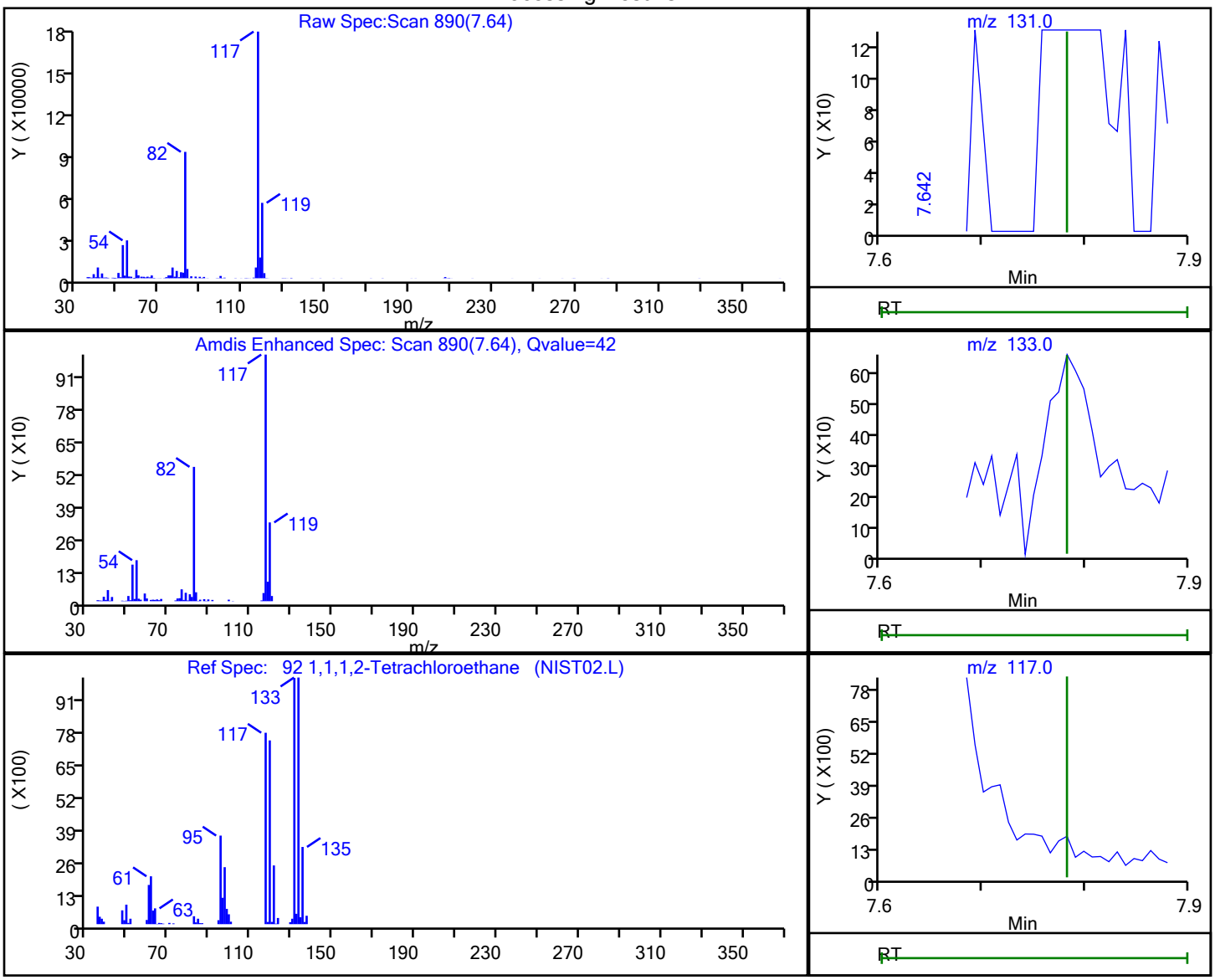
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

92 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
7.64	131.00	31	0.200000
7.63	133.00	840	
7.63	117.00	463667	

Reviewer: HVW2, 21-Jan-2026 00:48:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

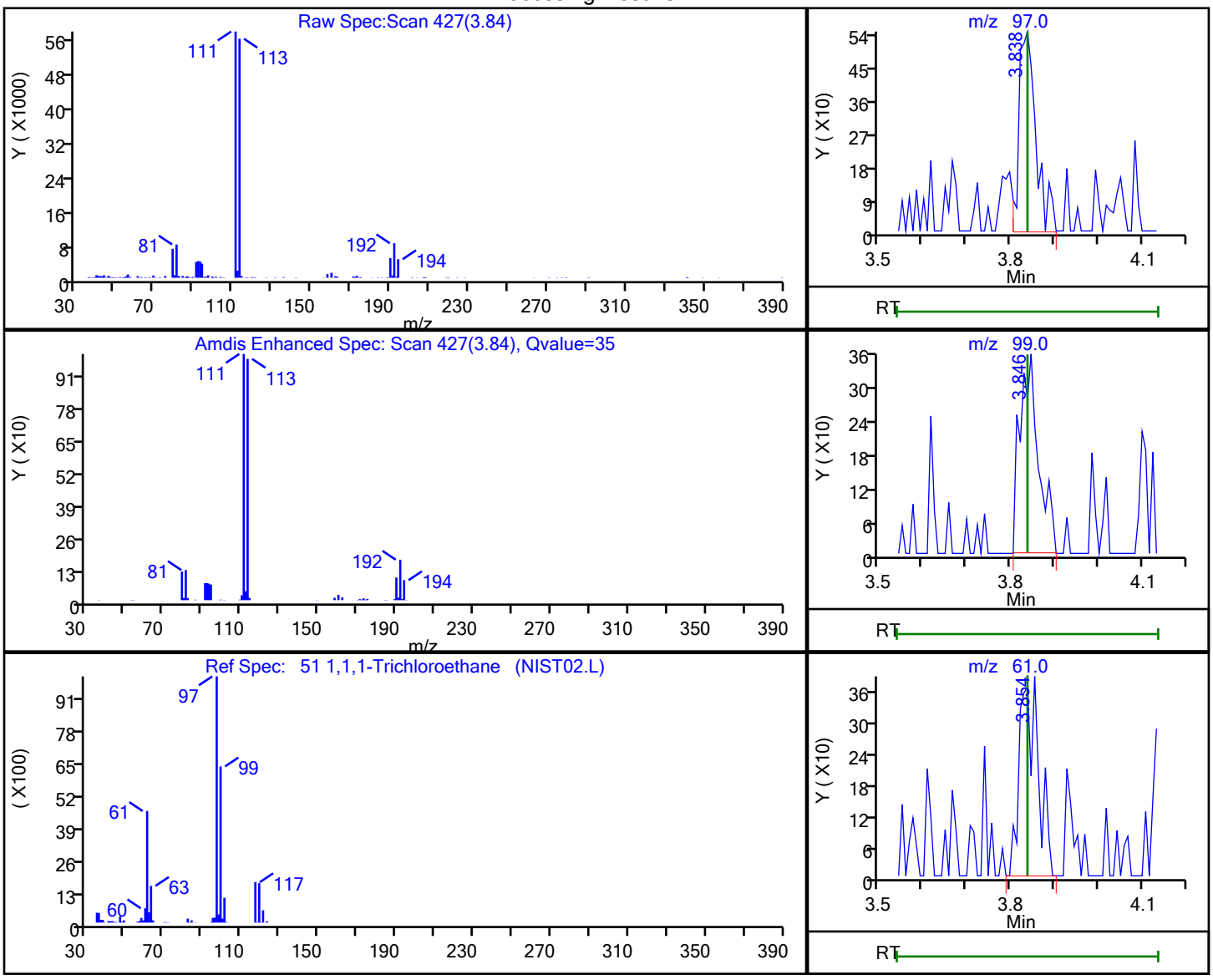
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
3.84	97.00	1483	0.200000
3.85	99.00	1075	
3.85	61.00	1154	

Reviewer: HVW2, 21-Jan-2026 00:47:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

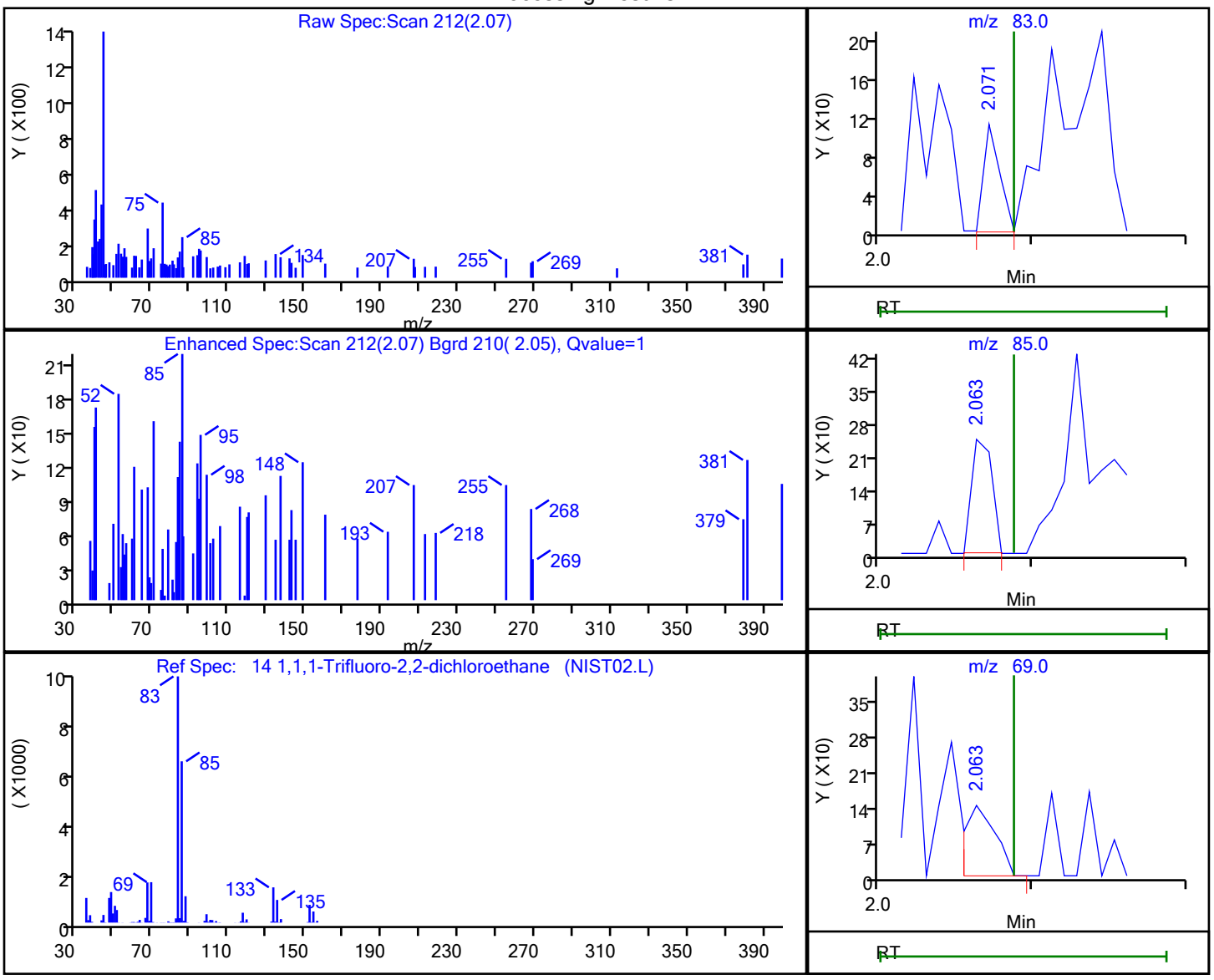
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.07	83.00	78	0.020237
2.06	85.00	226	
2.06	69.00	195	
2.07	67.00	238	

Reviewer: HVW2, 21-Jan-2026 00:46:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

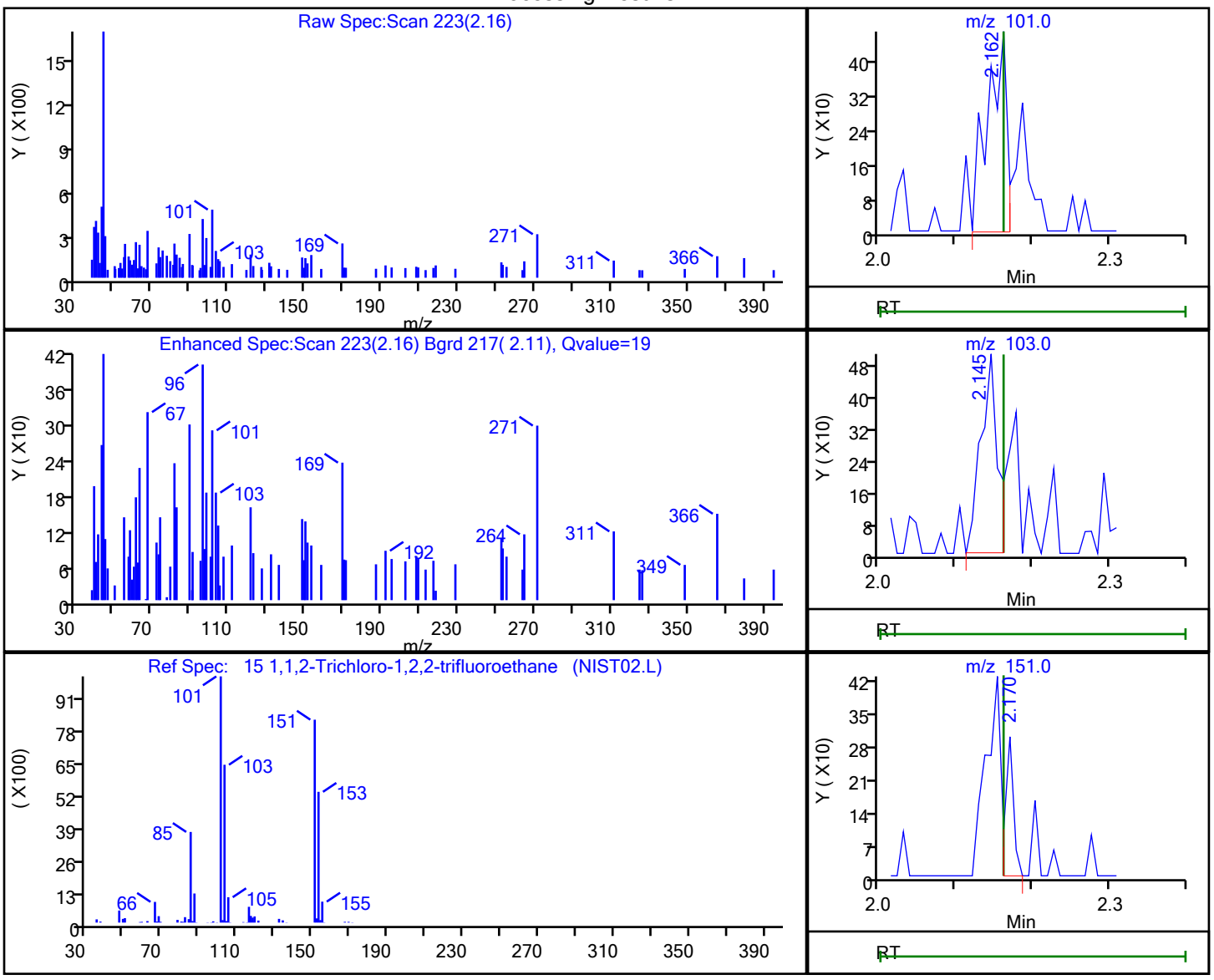
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
2.16	101.00	824	0.200000
2.15	103.00	782	
2.17	151.00	222	
2.15	85.00	120	

Reviewer: HVW2, 21-Jan-2026 00:46:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

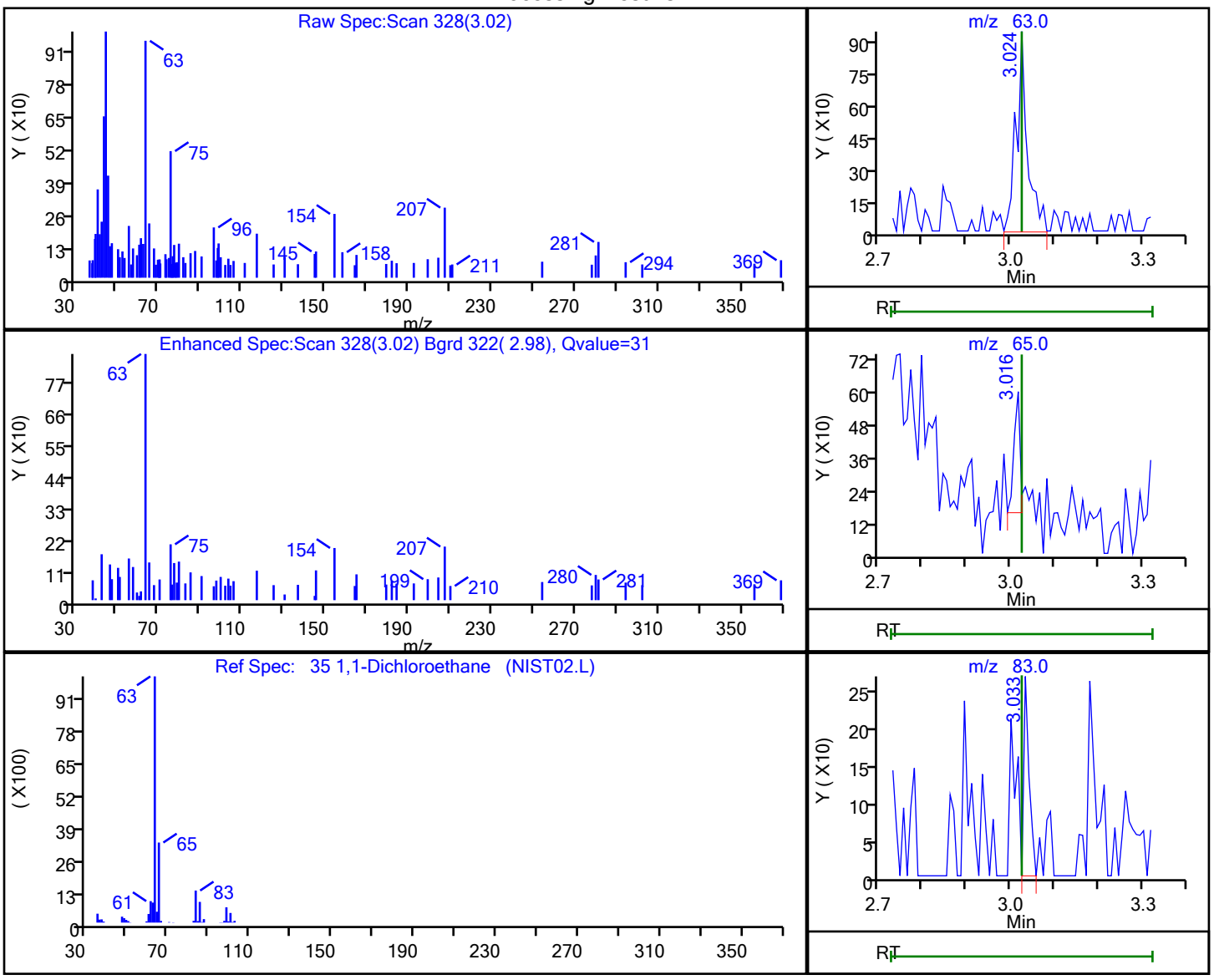
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

35 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.02	63.00	1680	0.200000
3.02	65.00	419	
3.03	83.00	221	

Reviewer: HVW2, 21-Jan-2026 00:46:49 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

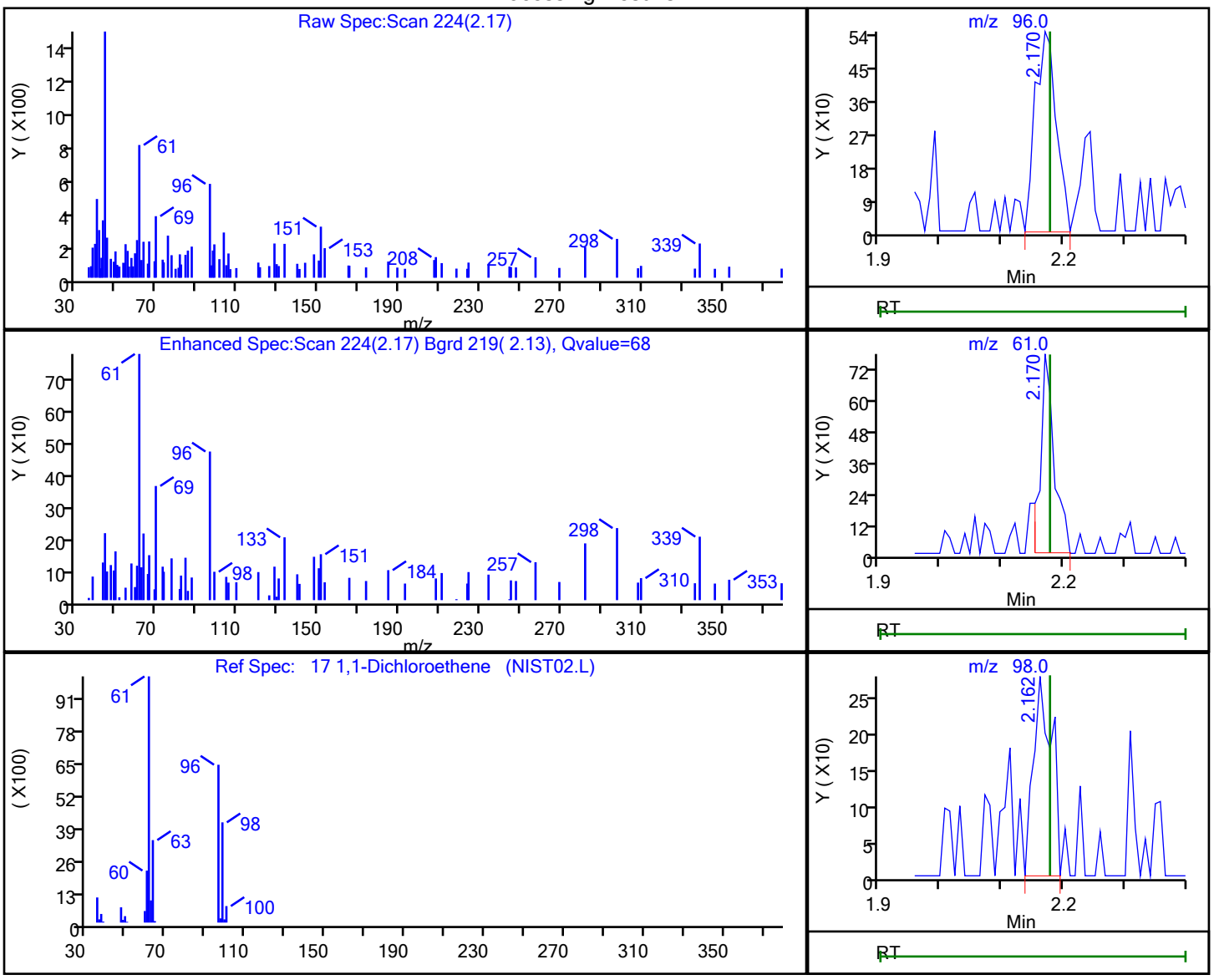
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.17	96.00	1303	0.200000
2.17	61.00	1201	
2.16	98.00	565	
2.16	63.00	617	

Reviewer: HVW2, 21-Jan-2026 00:46:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

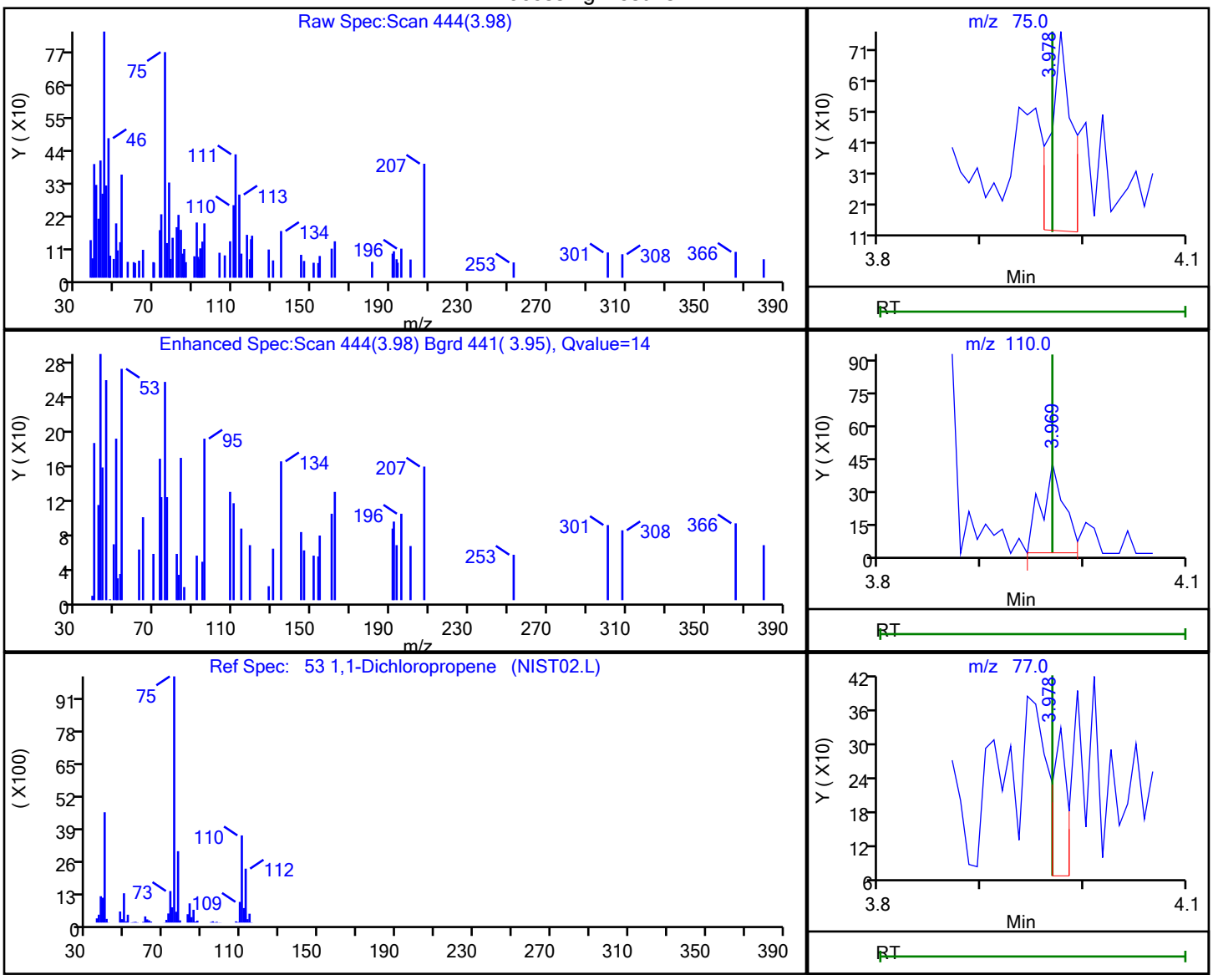
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
3.98	75.00	952	0.200000
3.97	110.00	663	
3.98	77.00	264	

Reviewer: HVW2, 21-Jan-2026 00:47:11 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

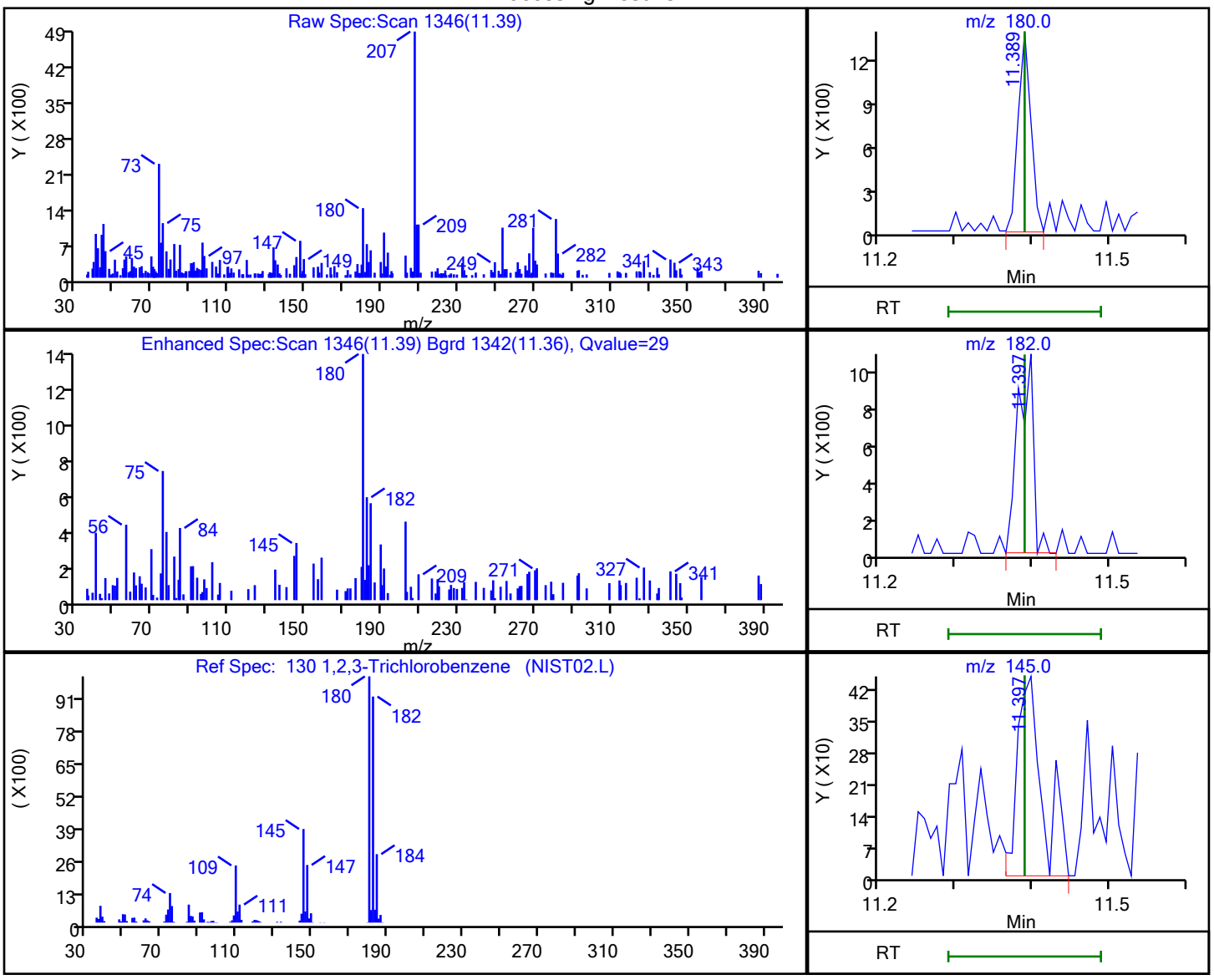
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

130 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
11.39	180.00	1578	0.200000
11.40	182.00	1433	
11.40	145.00	1013	

Reviewer: HVW2, 21-Jan-2026 00:49:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

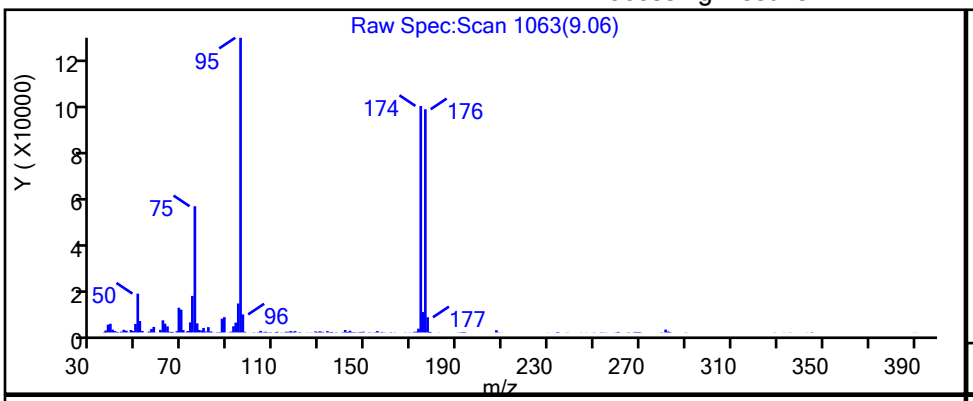
User Disabled Compound Report

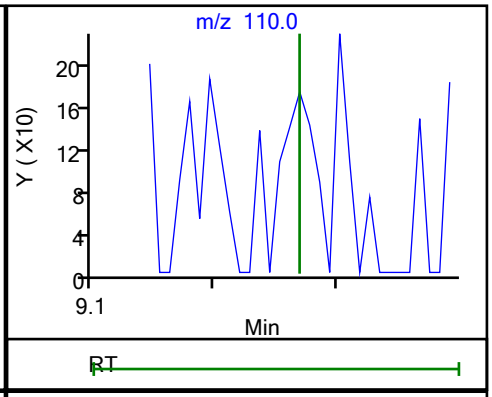
Eurofins Edison

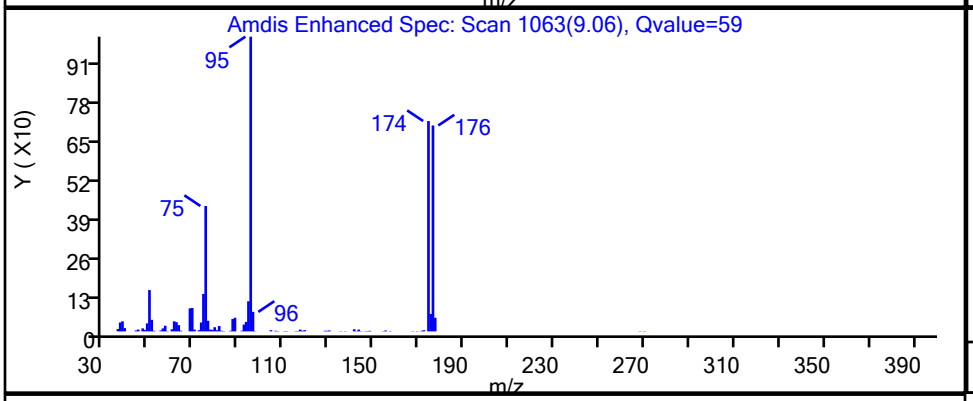
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

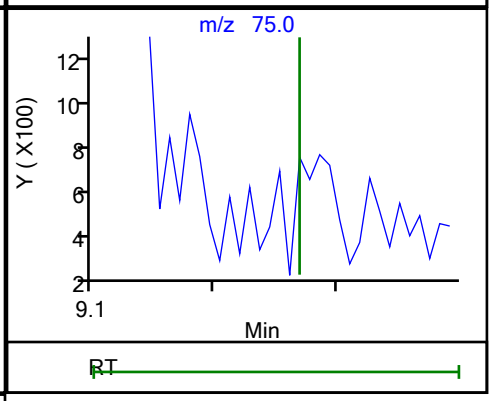
104 1,2,3-Trichloropropane, CAS: 96-18-4

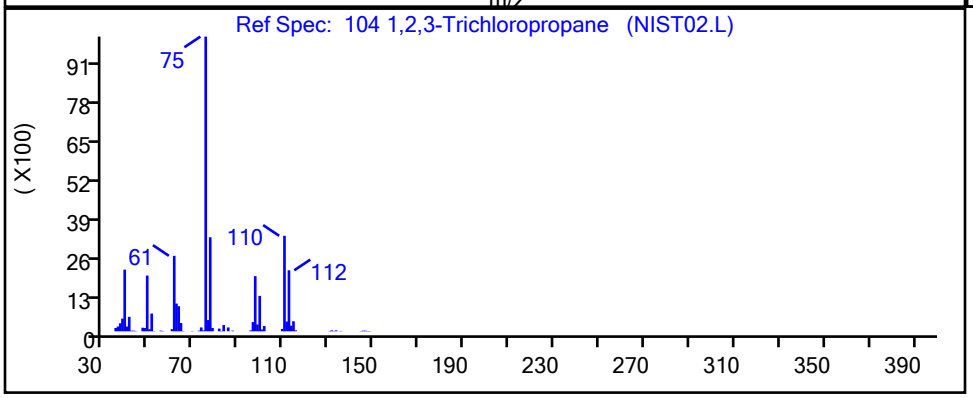
Processing Results











RT	Mass	Response	Amount
9.06	110.00	167	0.200000
9.06	75.00	97512	

Reviewer: HVW2, 21-Jan-2026 00:48:50 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

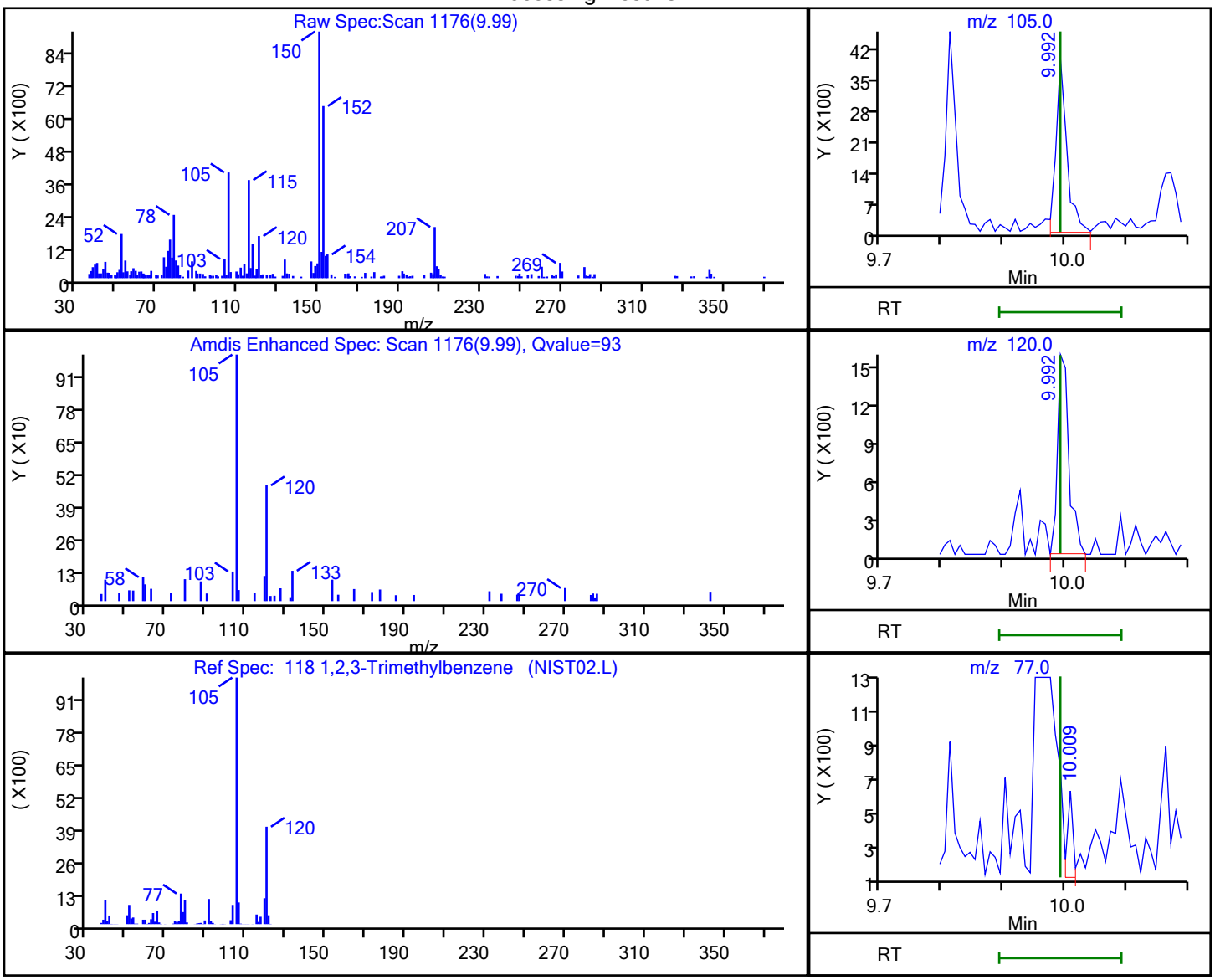
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D		
Injection Date:	21-Jan-2026 00:00:30	Instrument ID:	CVOAMS6
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

118 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
9.99	105.00	4812	0.200000
9.99	120.00	2043	
10.01	77.00	314	

Reviewer: HVW2, 21-Jan-2026 00:49:09 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

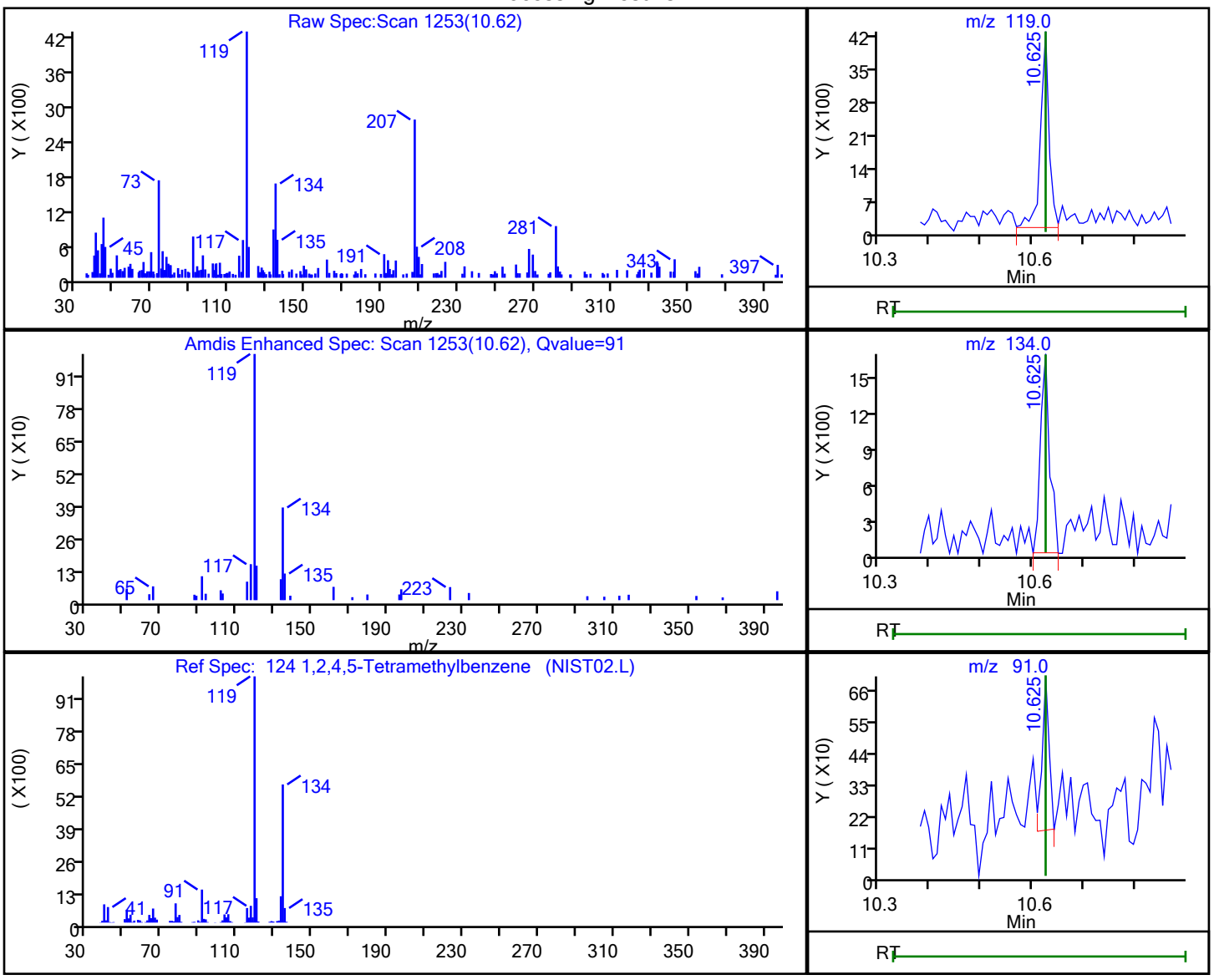
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
10.62	119.00	4768	0.200000
10.62	134.00	2039	
10.62	91.00	521	

Reviewer: HVW2, 21-Jan-2026 00:49:20 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

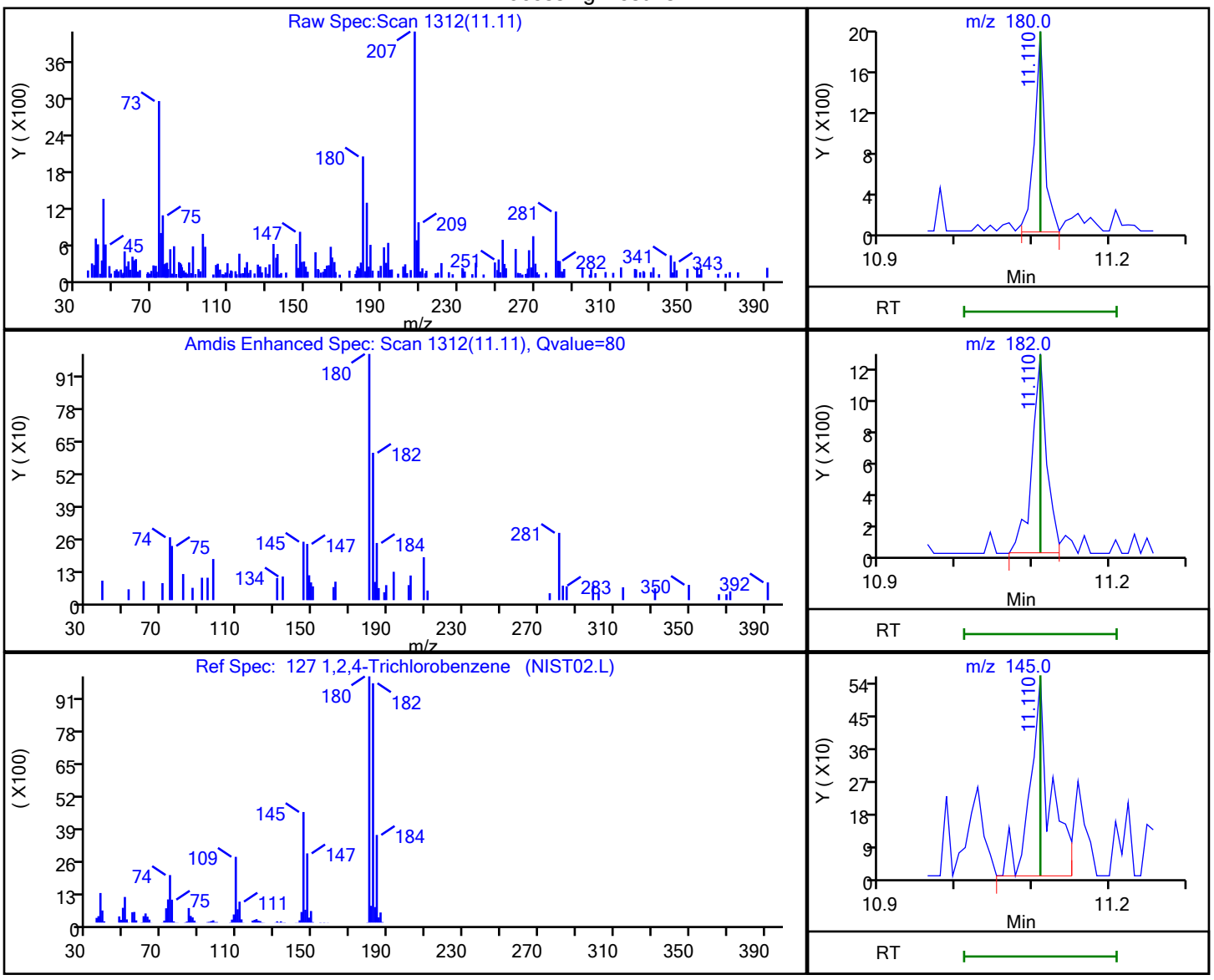
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

127 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
11.11	180.00	1859	0.200000
11.11	182.00	1647	
11.11	145.00	1016	

Reviewer: HVW2, 21-Jan-2026 00:49:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

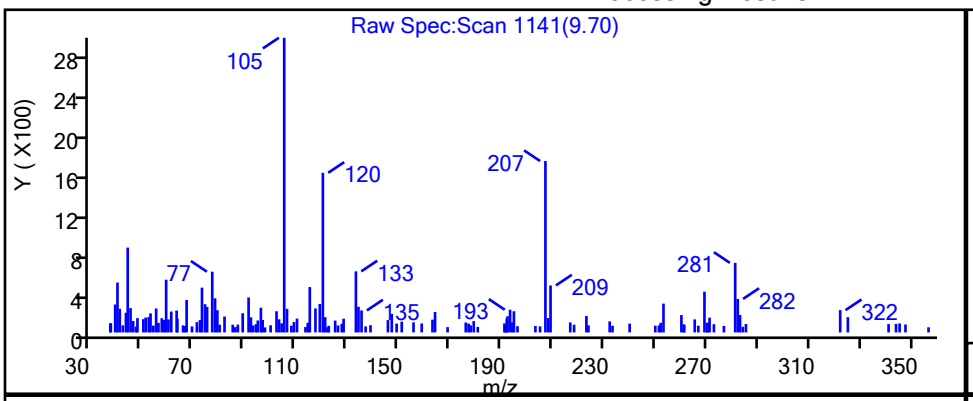
User Disabled Compound Report

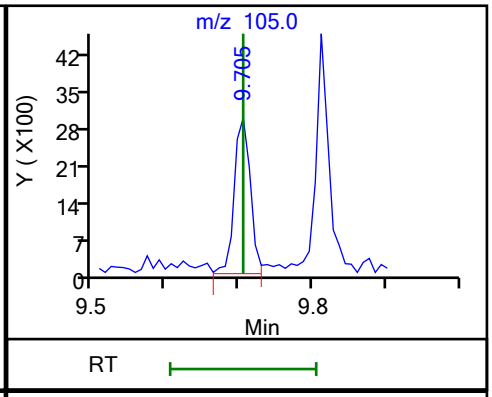
Eurofins Edison

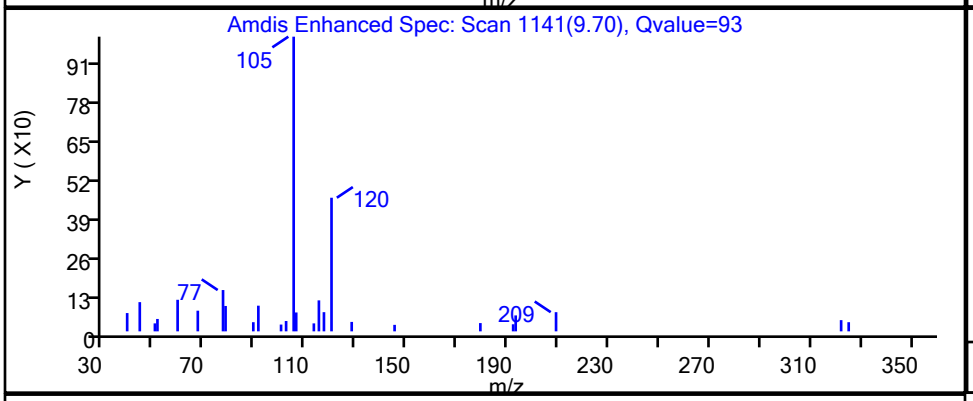
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

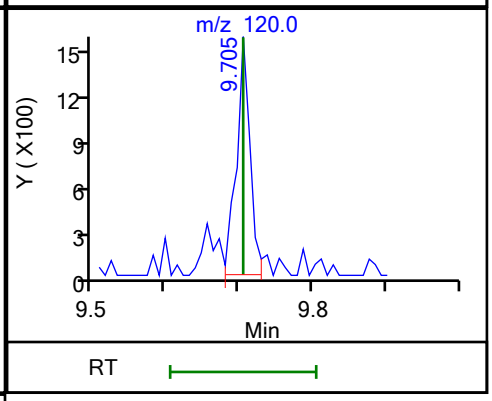
112 1,2,4-Trimethylbenzene, CAS: 95-63-6

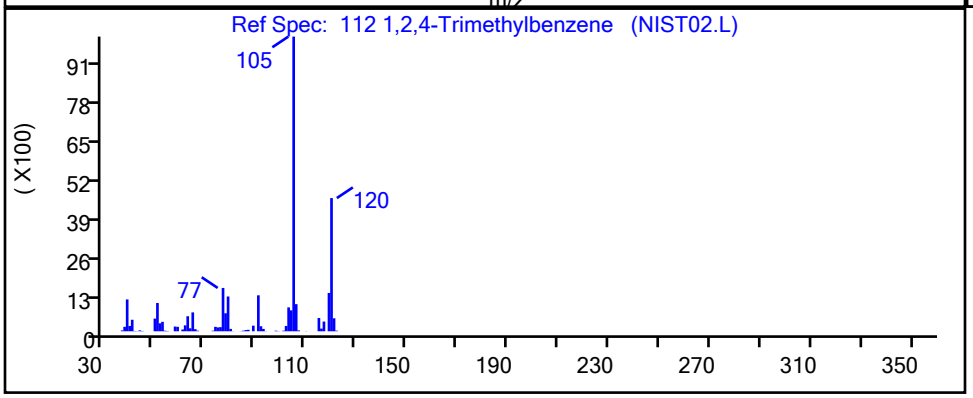
Processing Results











RT	Mass	Response	Amount
9.70	105.00	4440	0.200000
9.70	120.00	2057	

Reviewer: HVW2, 21-Jan-2026 00:48:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

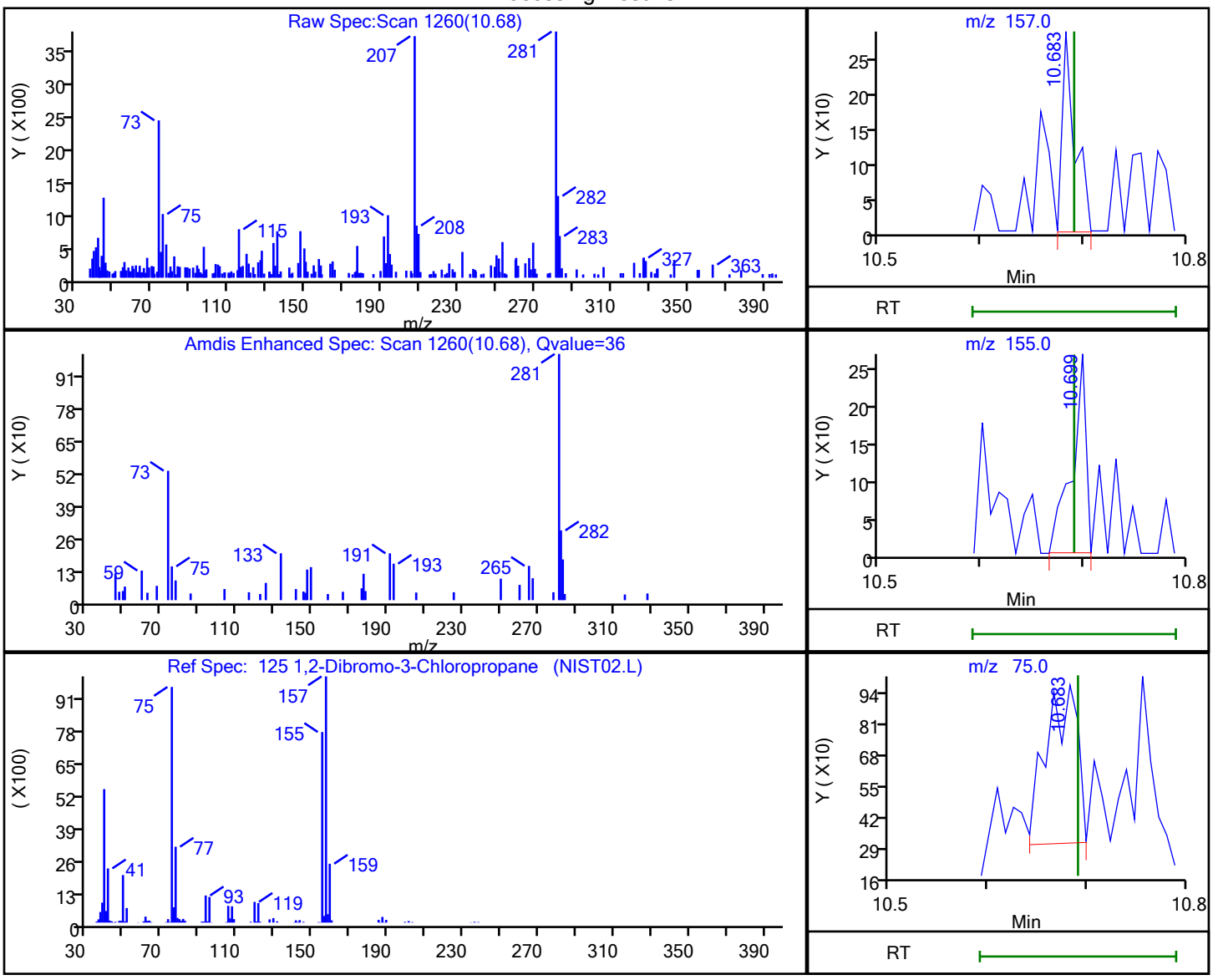
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
10.68	157.00	245	0.200000
10.70	155.00	253	
10.68	75.00	1464	

Reviewer: HVW2, 21-Jan-2026 00:49:22 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

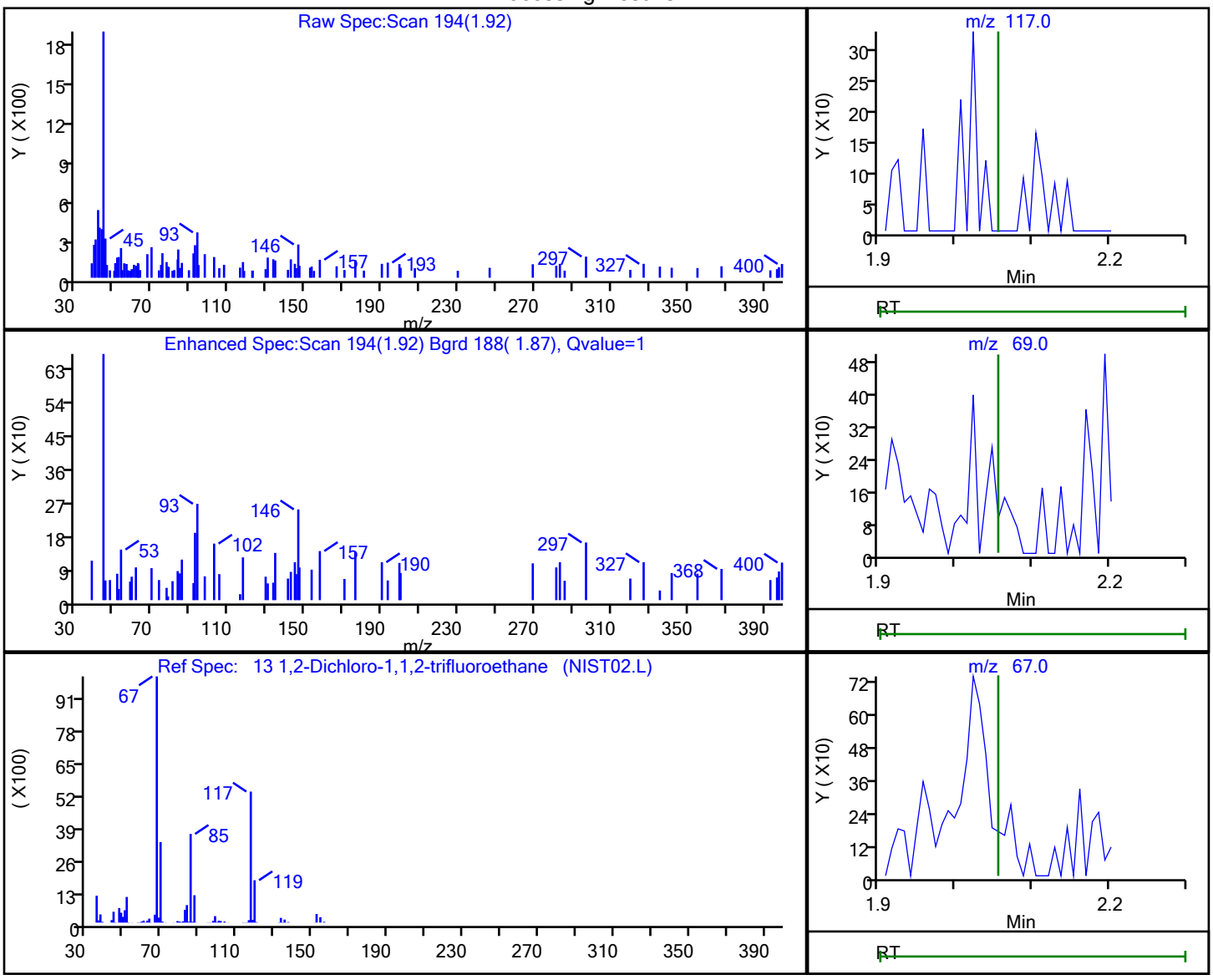
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
1.92	117.00	173	0.042620
1.92	69.00	510	
1.92	119.00	26	
2.04	67.00	0	

Reviewer: HVW2, 21-Jan-2026 00:46:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

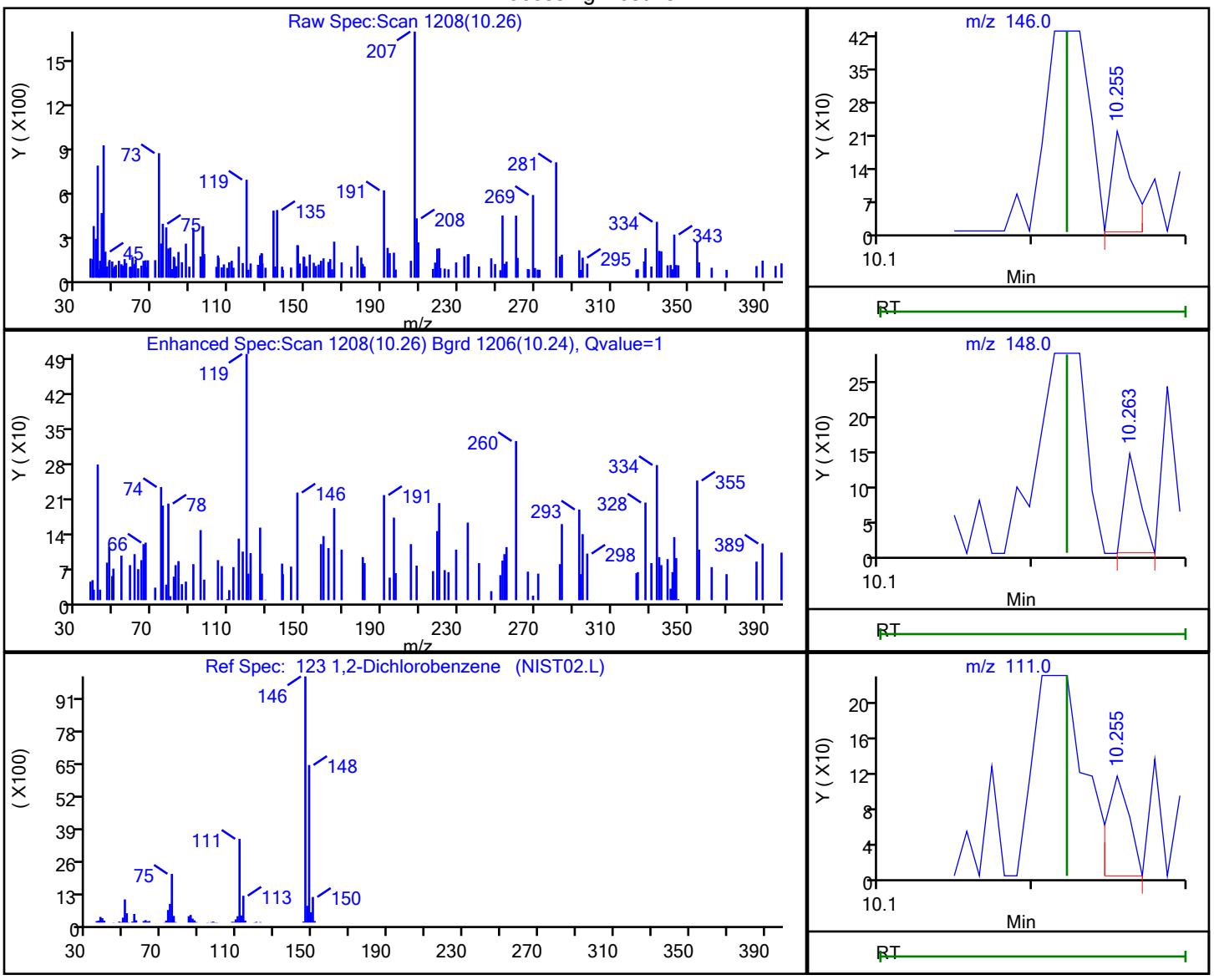
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.26	146.00	189	0.200000
10.26	148.00	101	
10.26	111.00	116	

Reviewer: HVW2, 21-Jan-2026 00:49:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

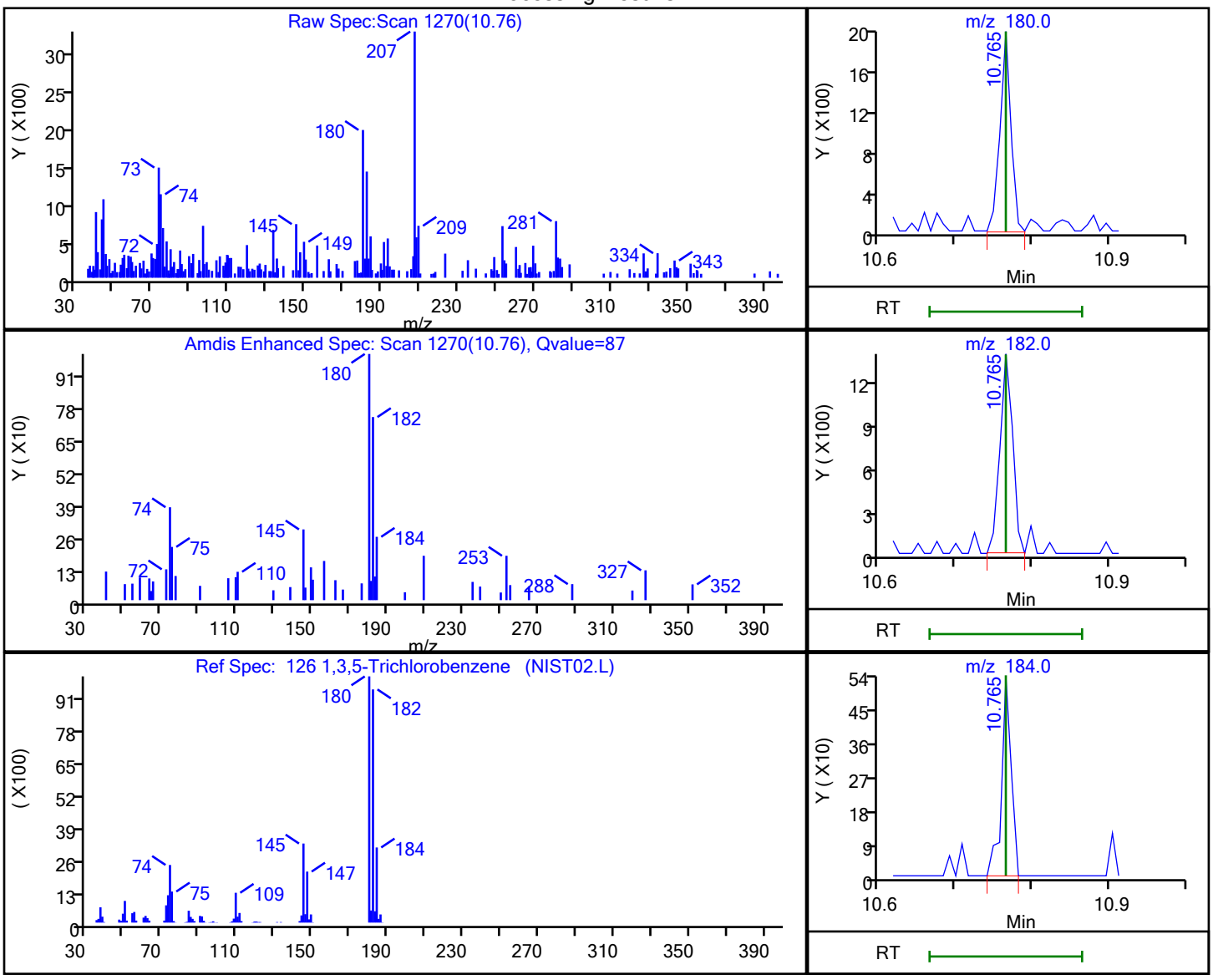
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
10.76	180.00	1919	0.200000
10.76	182.00	1608	
10.76	184.00	474	

Reviewer: HVW2, 21-Jan-2026 00:49:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

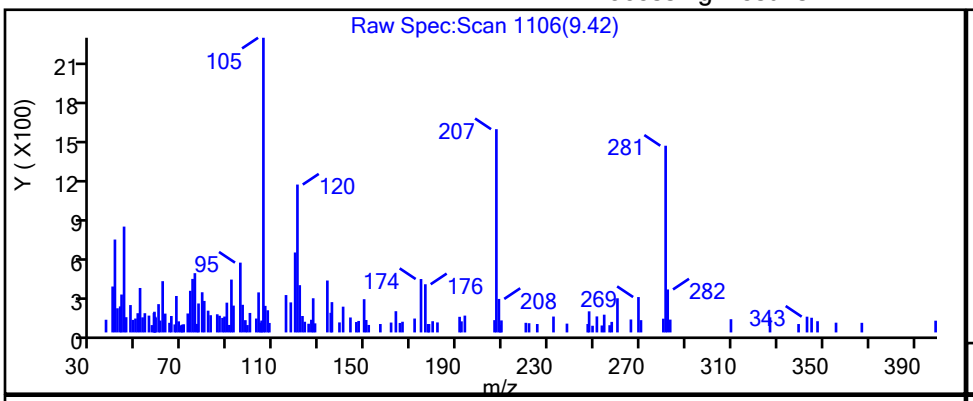
User Disabled Compound Report

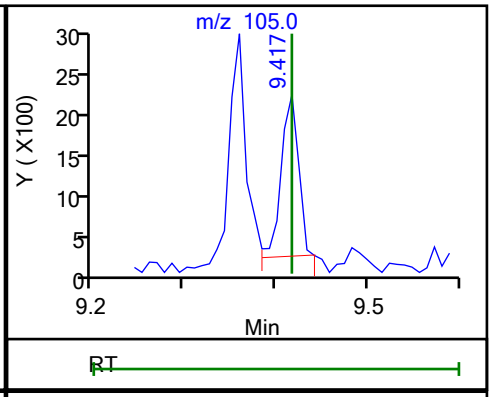
Eurofins Edison

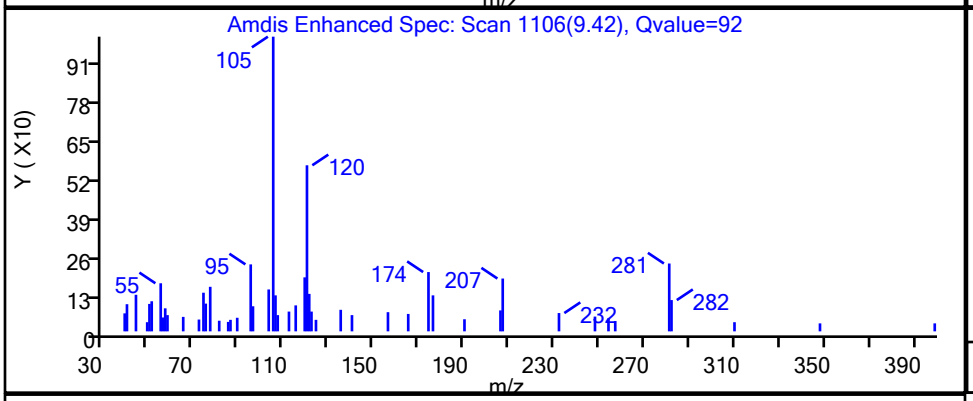
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

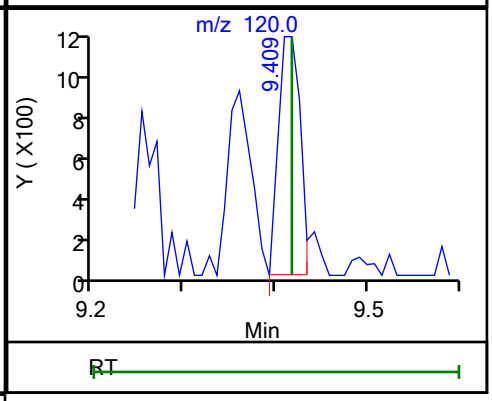
108 1,3,5-Trimethylbenzene, CAS: 108-67-8

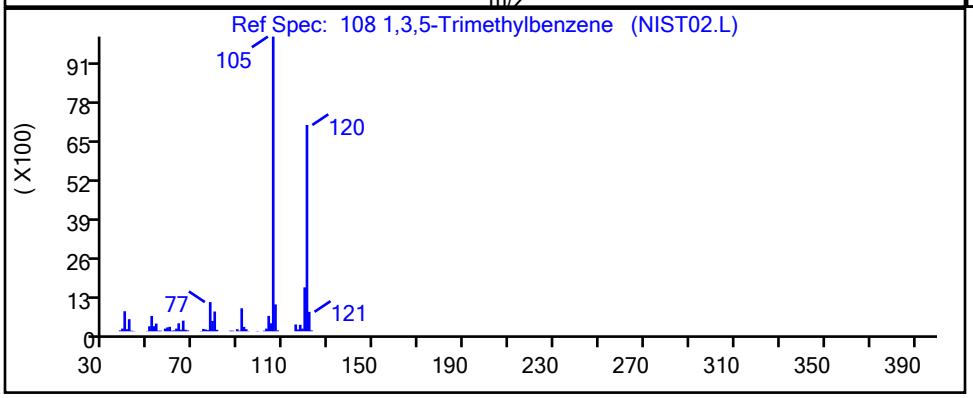
Processing Results











RT	Mass	Response	Amount
9.42	105.00	2638	0.200000
9.41	120.00	1851	

Reviewer: HVW2, 21-Jan-2026 00:49:00 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

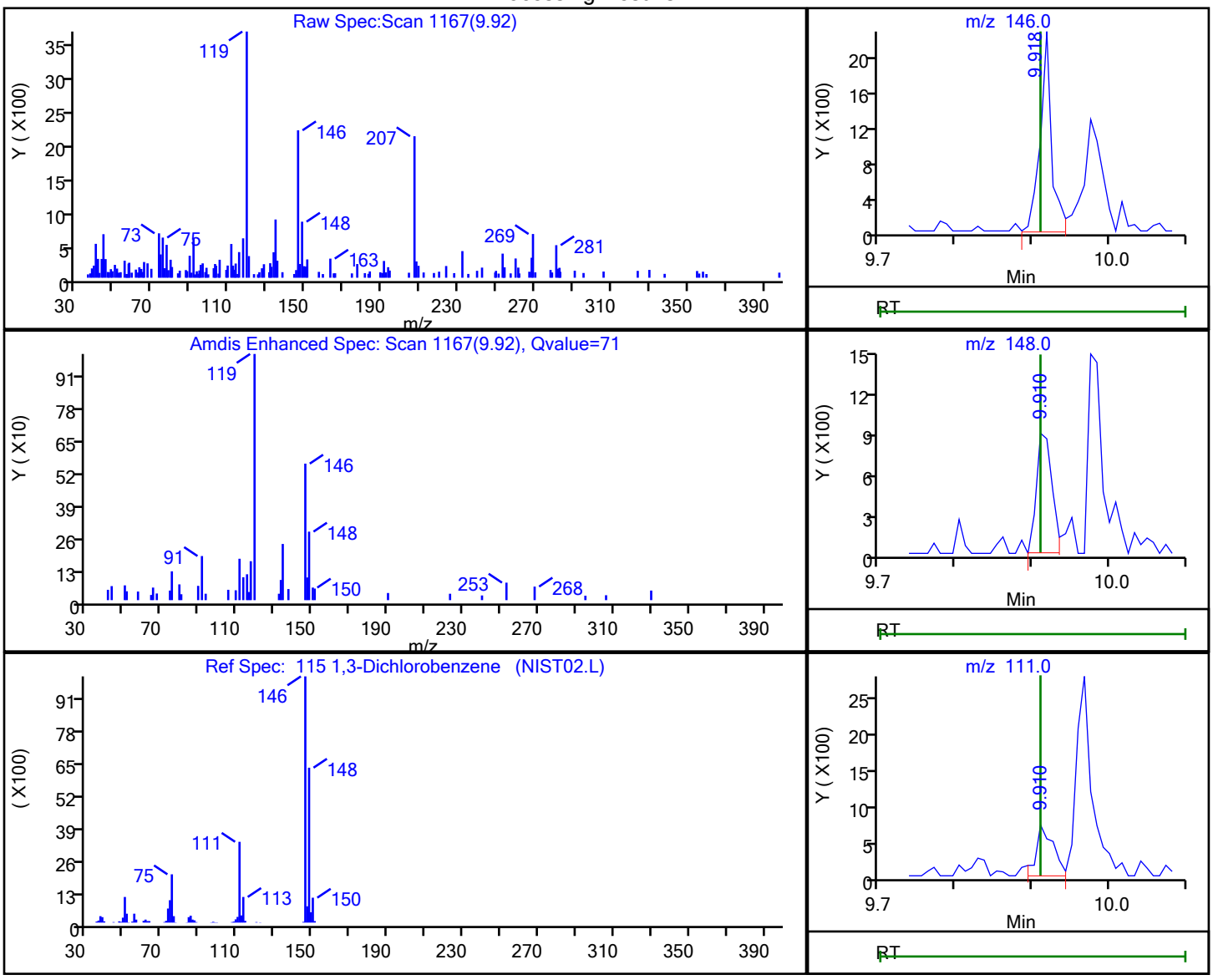
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
9.92	146.00	2296	0.200000
9.91	148.00	1269	
9.91	111.00	1102	

Reviewer: HVW2, 21-Jan-2026 00:49:06 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

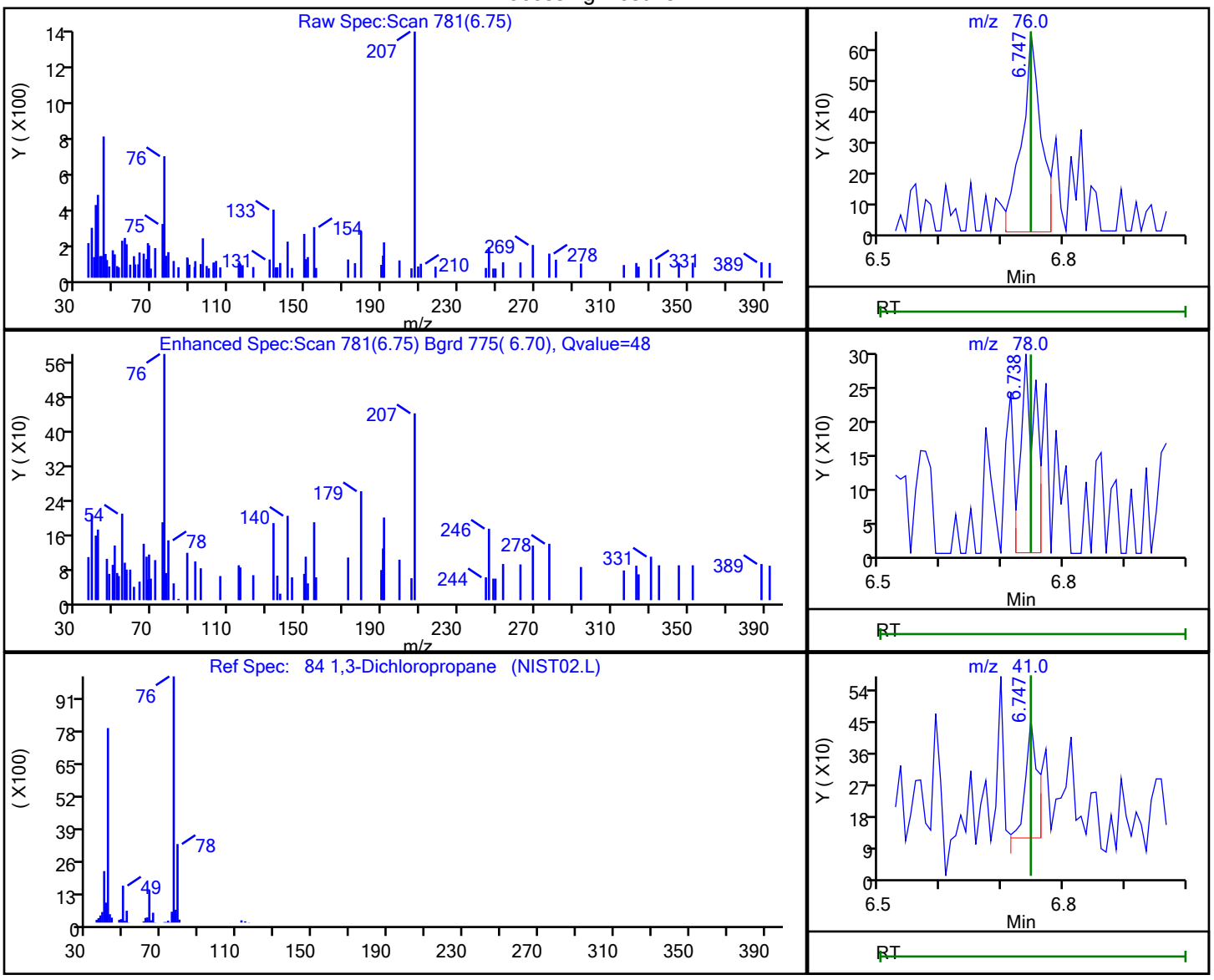
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
6.75	76.00	1454	0.200000
6.74	78.00	508	
6.75	41.00	484	

Reviewer: HVW2, 21-Jan-2026 00:48:22 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

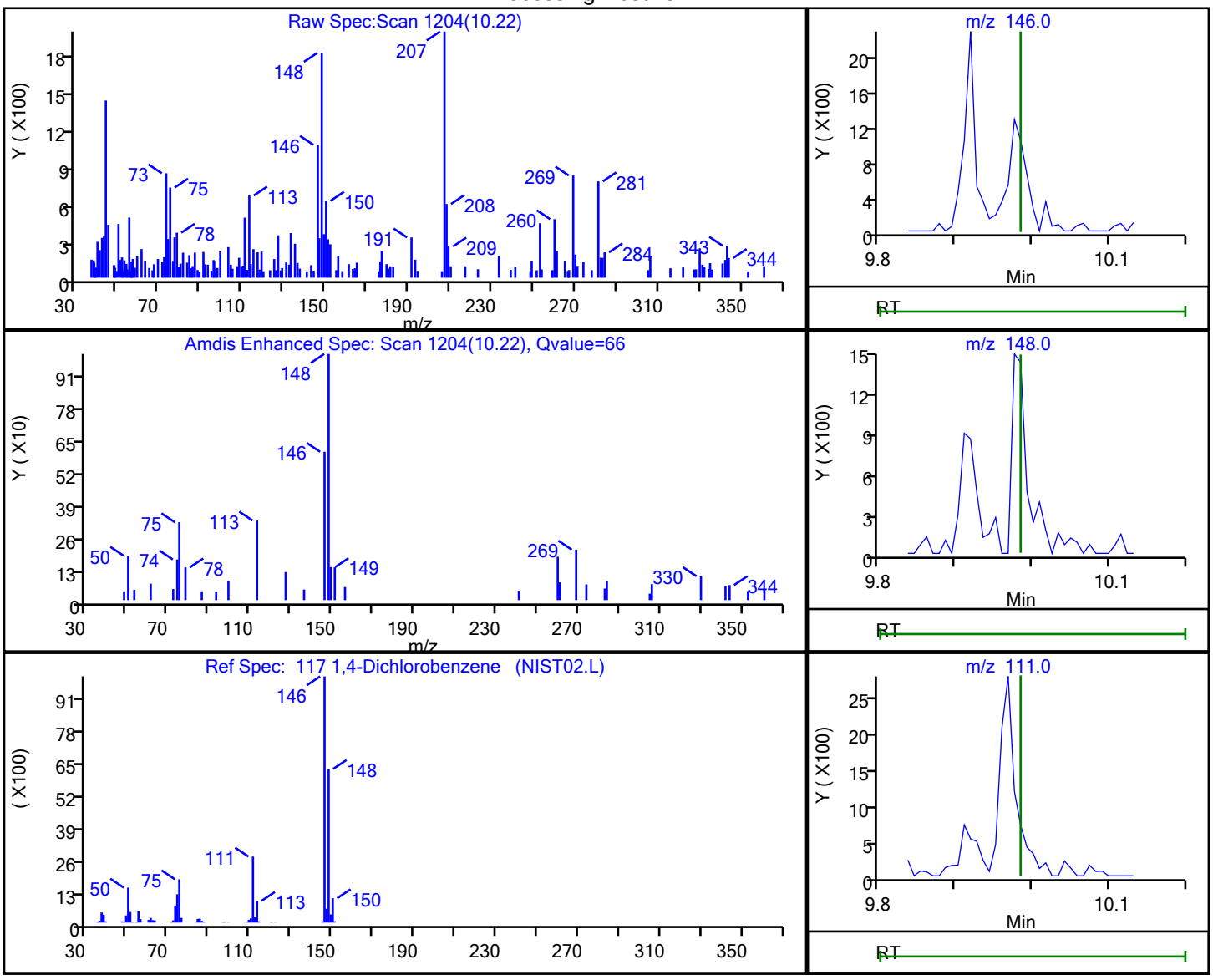
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.22	146.00	1627	0.200000
10.22	148.00	1685	
10.21	111.00	1117	

Reviewer: HVW2, 21-Jan-2026 00:49:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

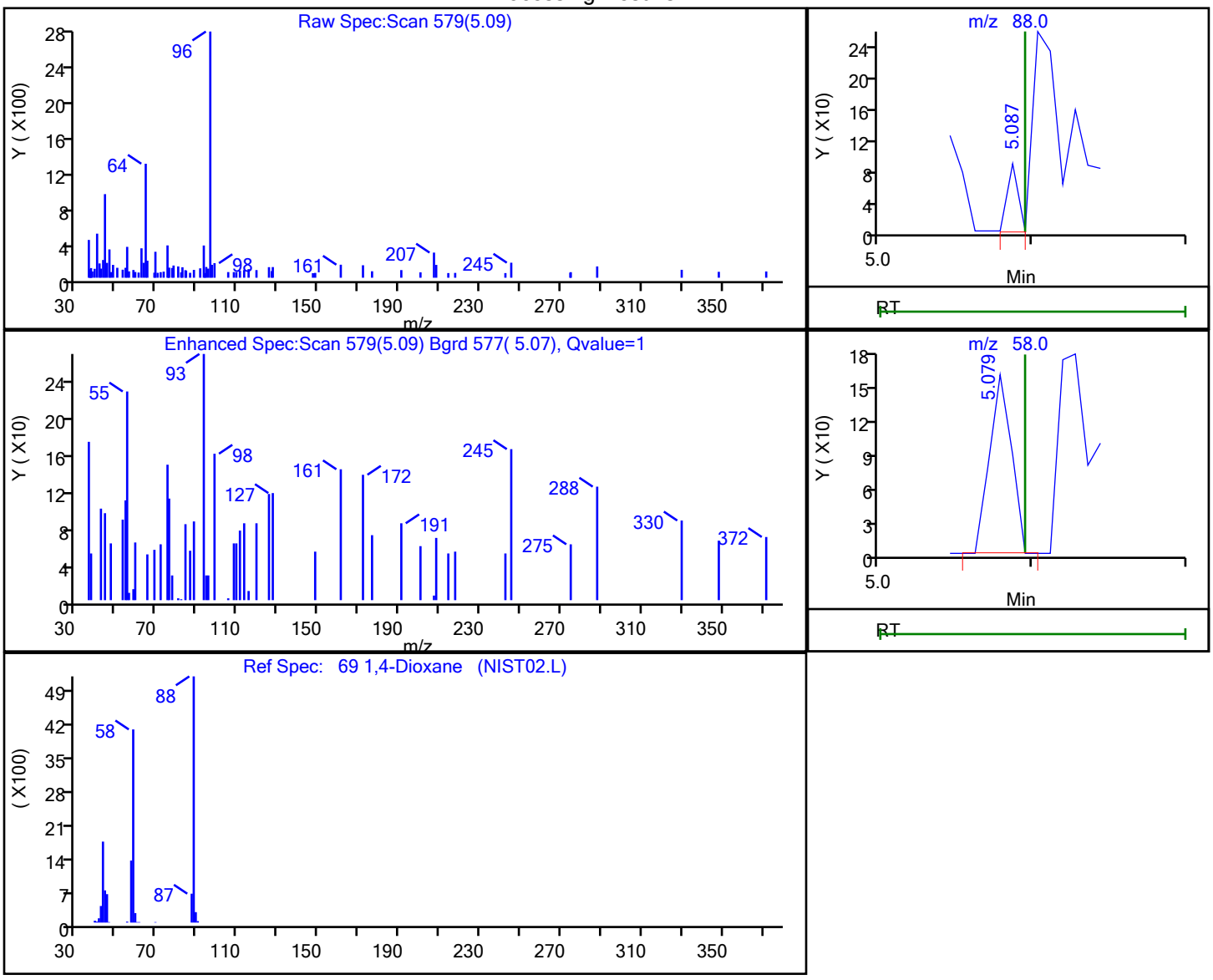
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D				
Injection Date:	21-Jan-2026 00:00:30	Instrument ID:	CVOAMS6		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

69 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
5.09	88.00	42	4.000000
5.08	58.00	154	

Reviewer: HVW2, 21-Jan-2026 00:47:38 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

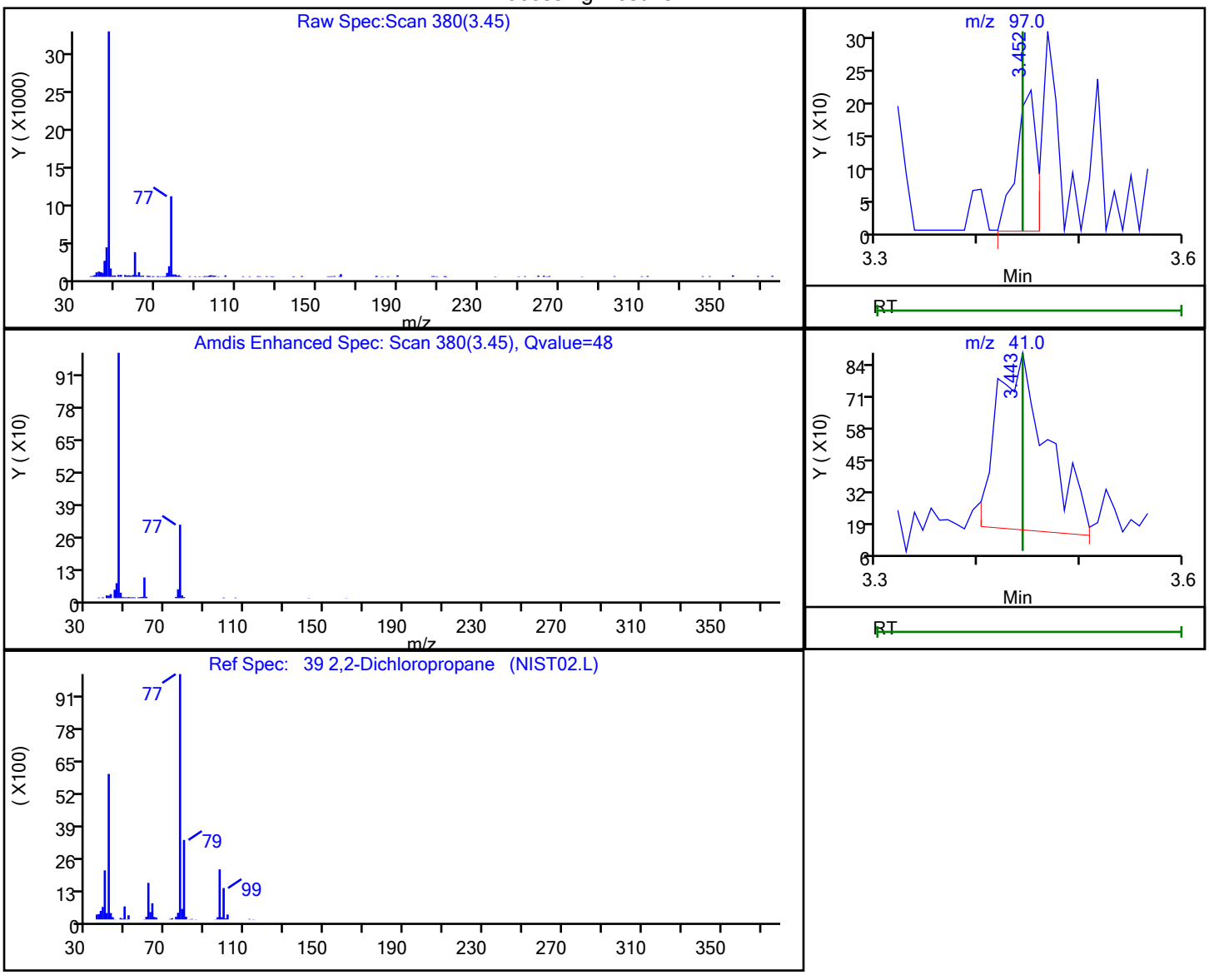
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
3.45	97.00	300	0.200000
3.44	41.00	2524	

Reviewer: HVW2, 21-Jan-2026 00:46:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

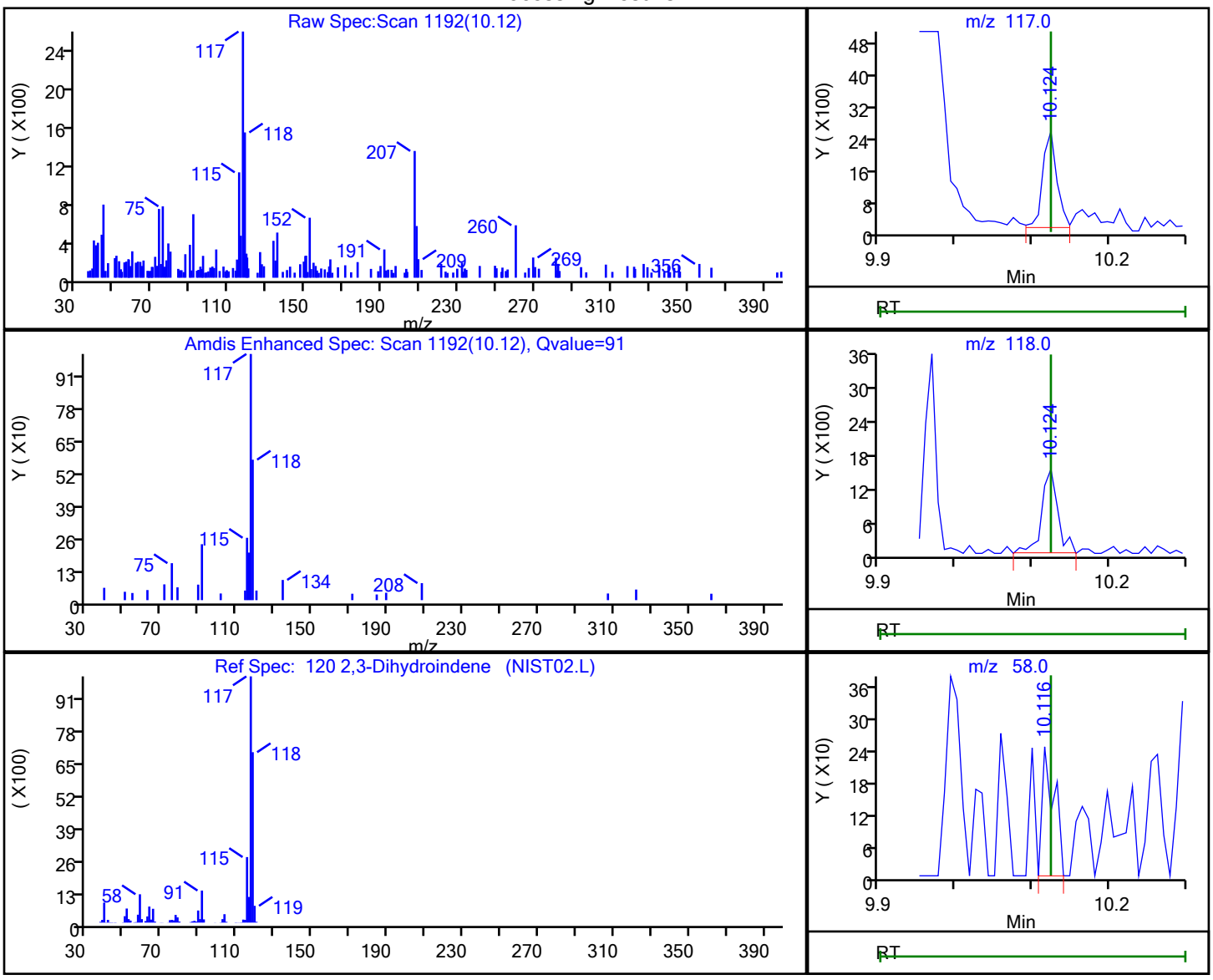
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

120 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
10.12	117.00	3165	0.200000
10.12	118.00	2227	
10.12	58.00	264	

Reviewer: HVW2, 21-Jan-2026 00:49:12 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

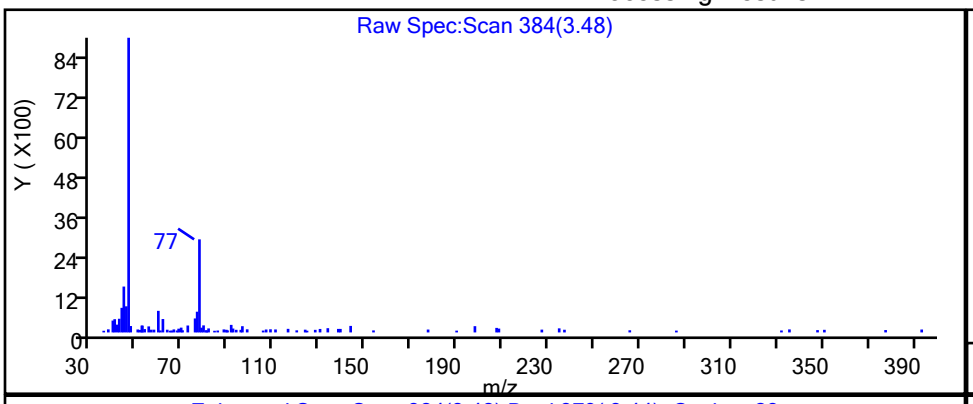
User Disabled Compound Report

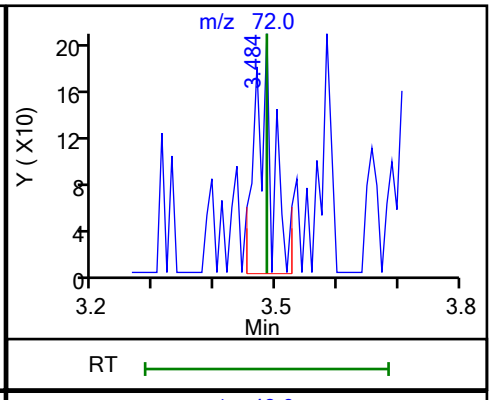
Eurofins Edison

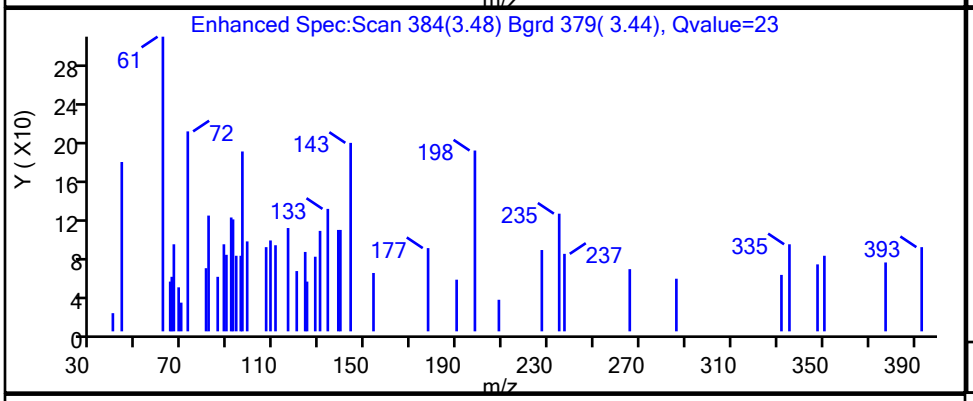
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

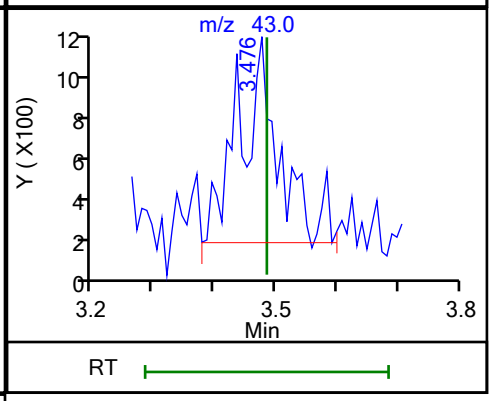
42 2-Butanone (MEK), CAS: 78-93-3

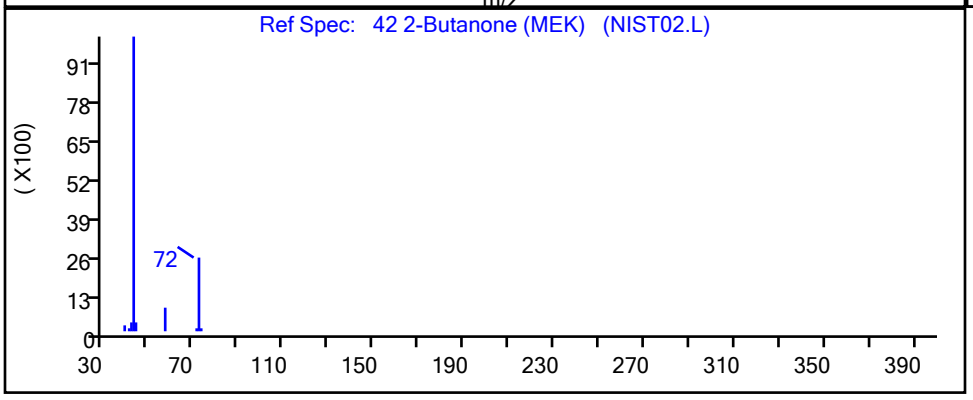
Processing Results











RT	Mass	Response	Amount
3.48	72.00	418	1.000000
3.48	43.00	4418	

Reviewer: HVW2, 21-Jan-2026 00:47:00 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

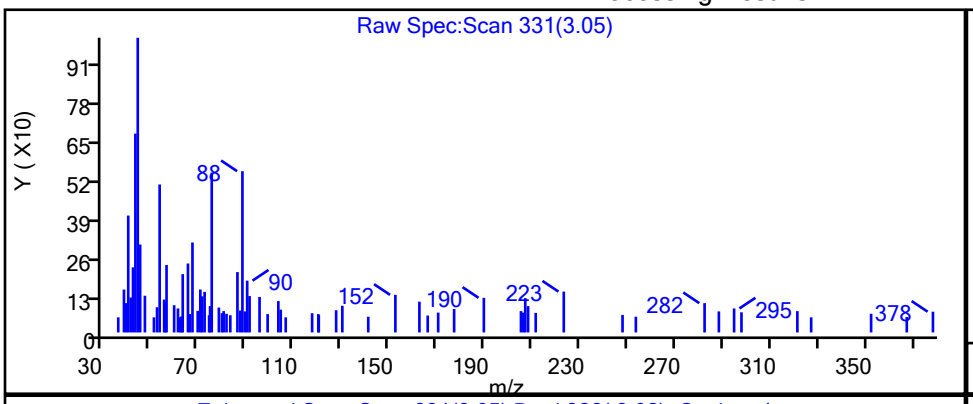
User Disabled Compound Report

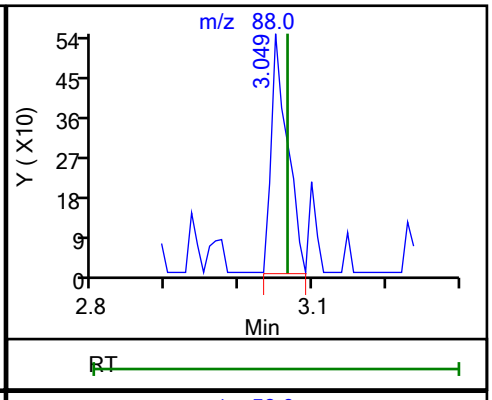
Eurofins Edison

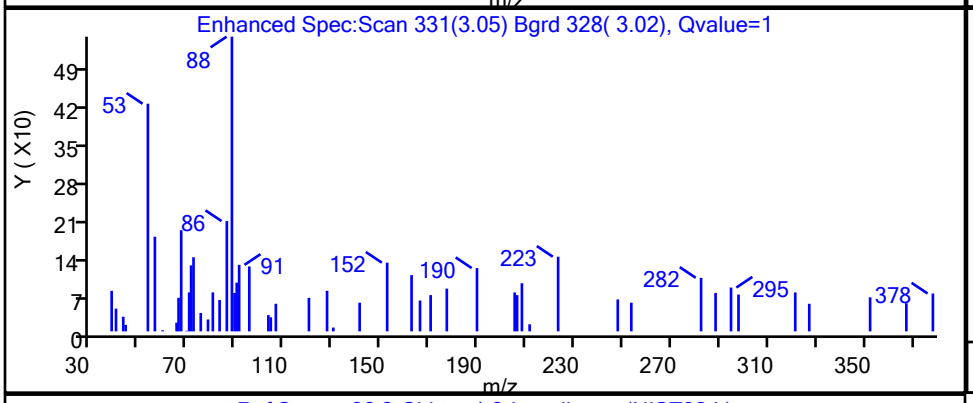
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

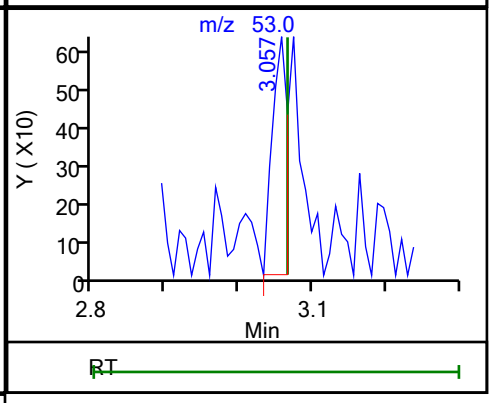
36 2-Chloro-1,3-butadiene, CAS: 126-99-8

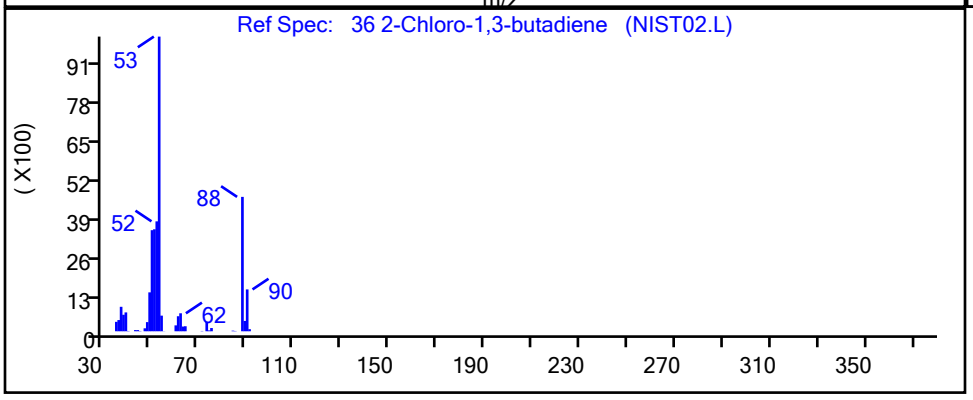
Processing Results











RT	Mass	Response	Amount
3.05	88.00	839	0.200000
3.06	53.00	914	

Reviewer: HVW2, 21-Jan-2026 00:46:50 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

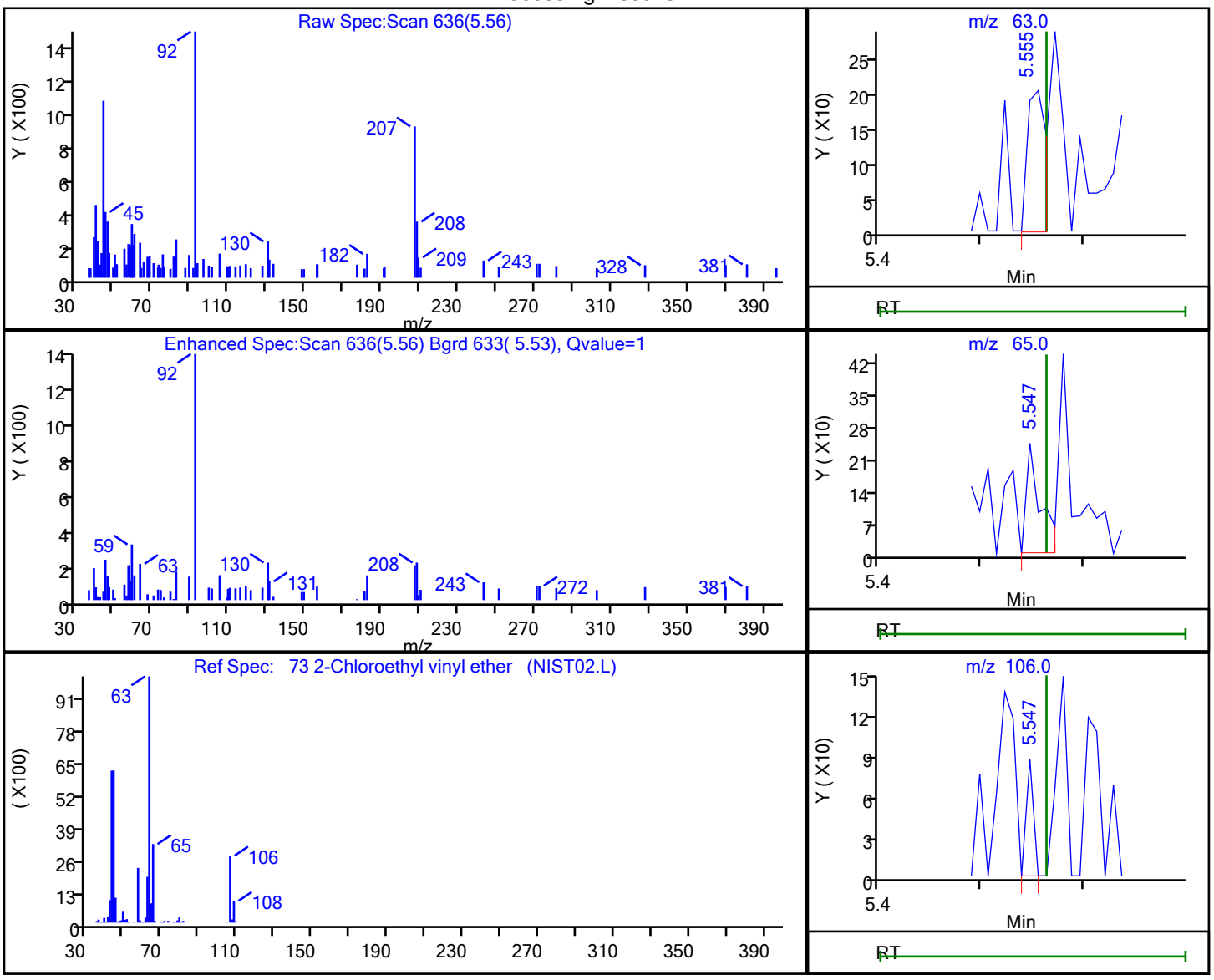
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

73 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
5.56	63.00	262	0.197062
5.55	65.00	241	
5.55	106.00	40	

Reviewer: HVW2, 21-Jan-2026 00:47:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

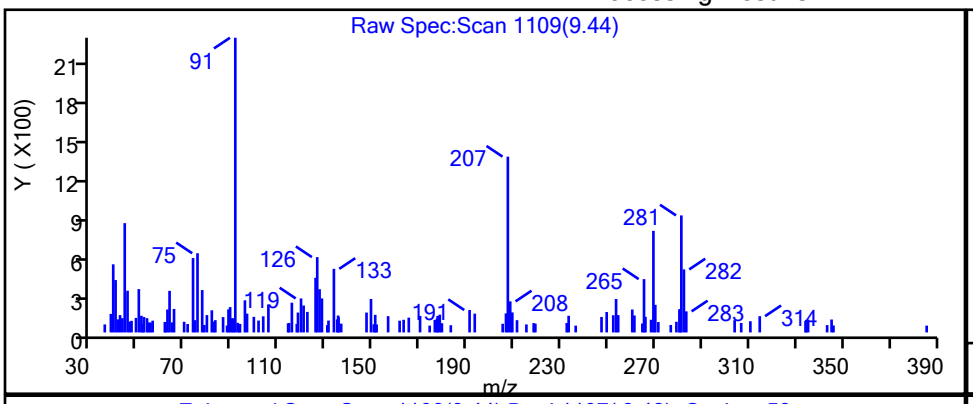
User Disabled Compound Report

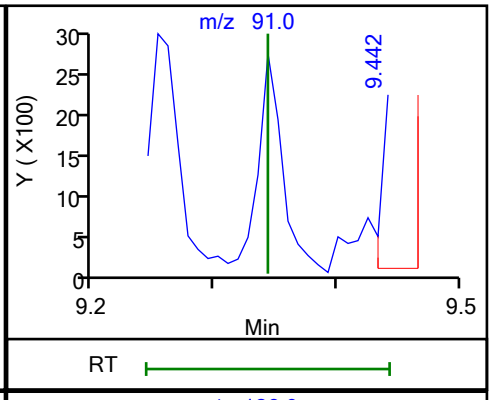
Eurofins Edison

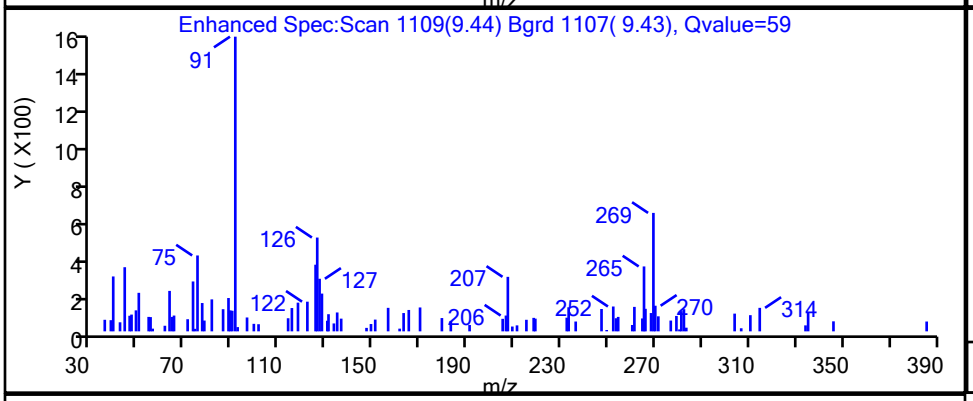
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

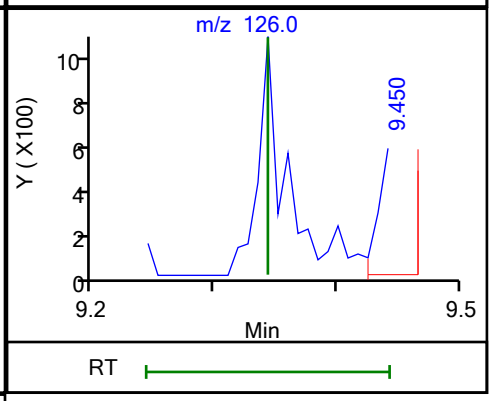
106 2-Chlorotoluene, CAS: 95-49-8

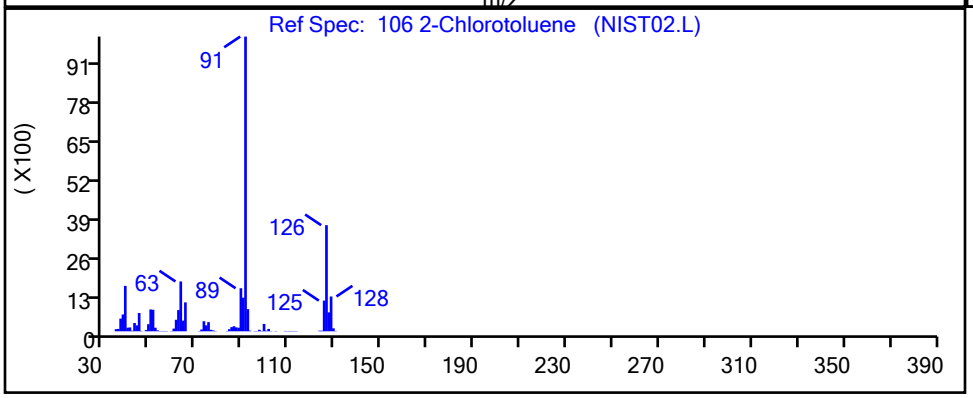
Processing Results











RT	Mass	Response	Amount
9.44	91.00	2442	0.200000
9.45	126.00	1076	

Reviewer: HVW2, 21-Jan-2026 00:48:53 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

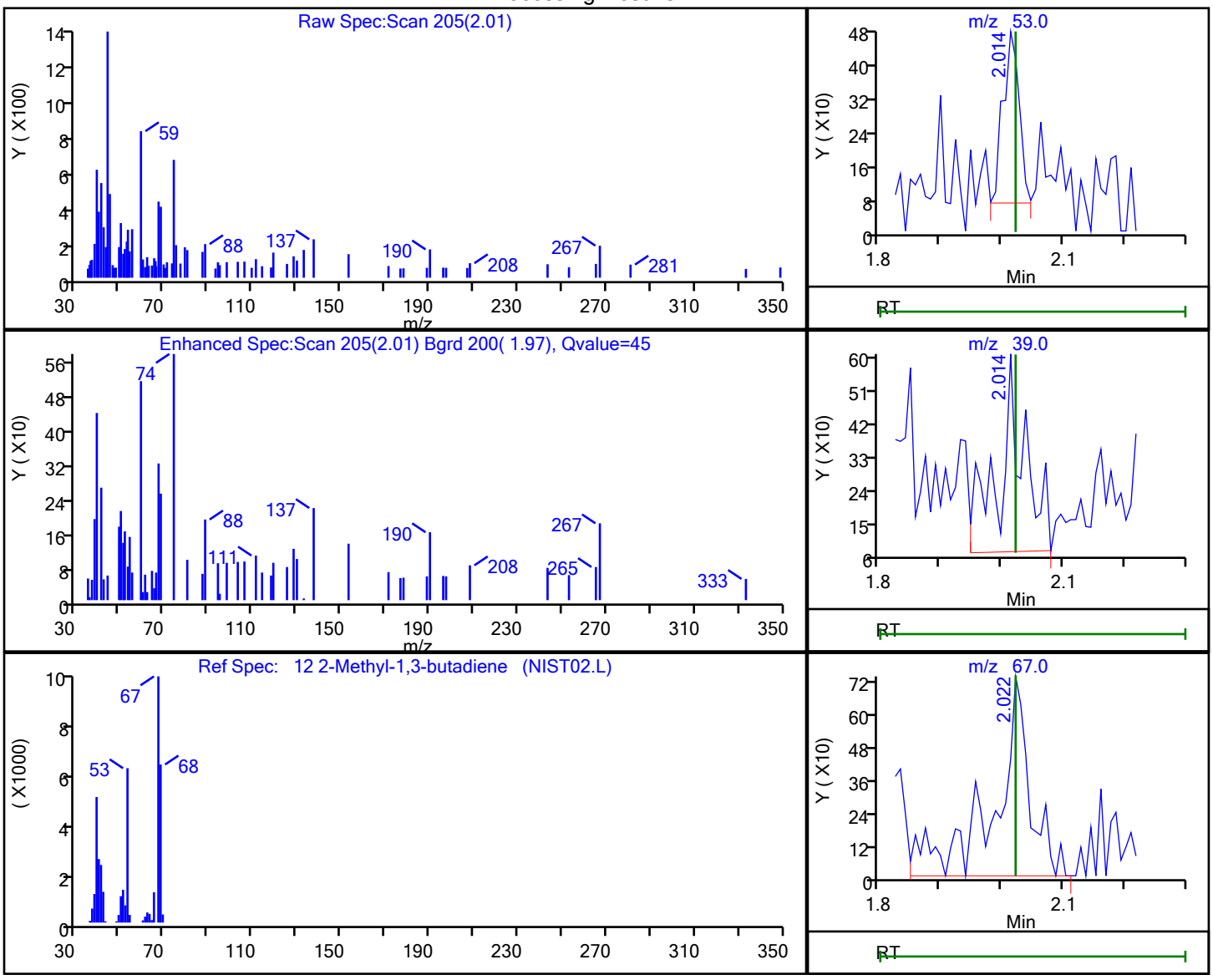
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.01	53.00	739	0.200000
2.01	39.00	1638	
2.02	67.00	3023	

Reviewer: HVW2, 21-Jan-2026 00:46:22 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

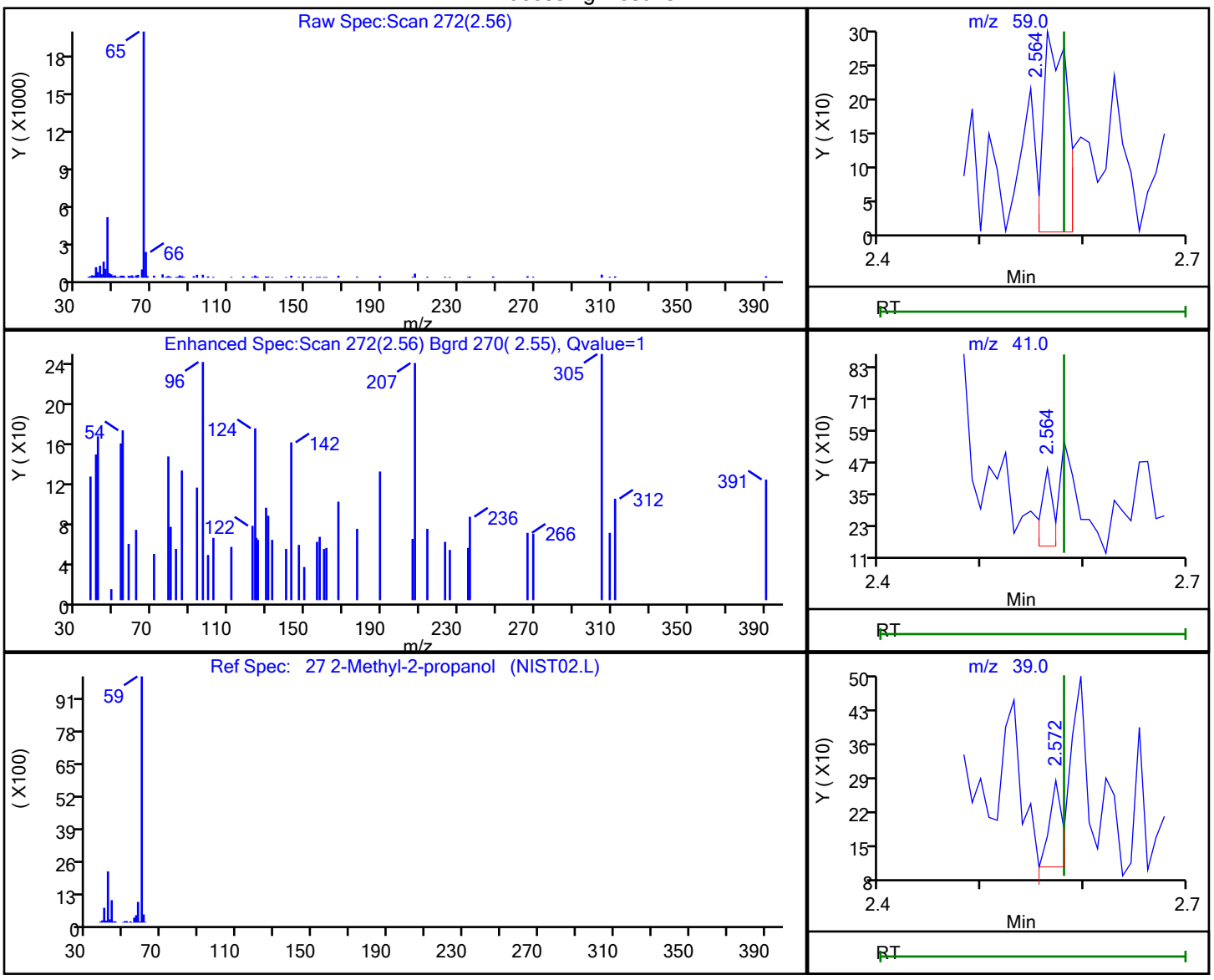
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.56	59.00	475	2.000000
2.56	41.00	236	
2.57	39.00	156	

Reviewer: HVW2, 21-Jan-2026 00:46:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

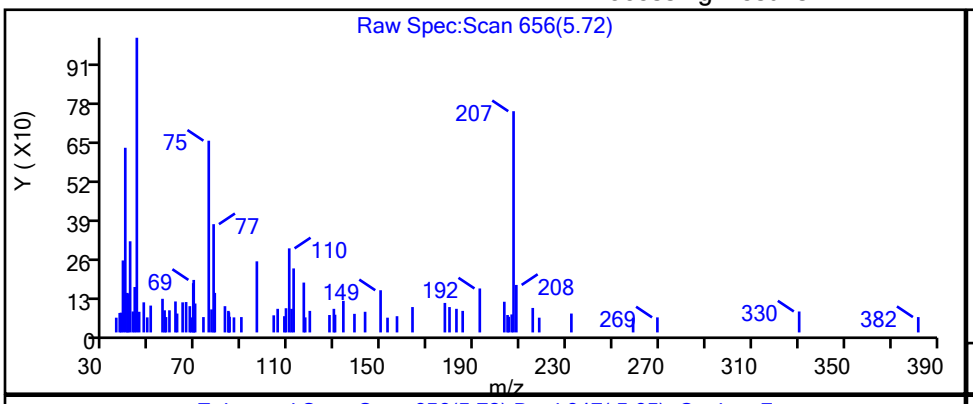
User Disabled Compound Report

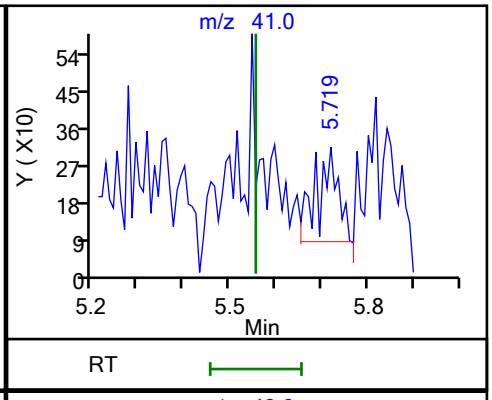
Eurofins Edison

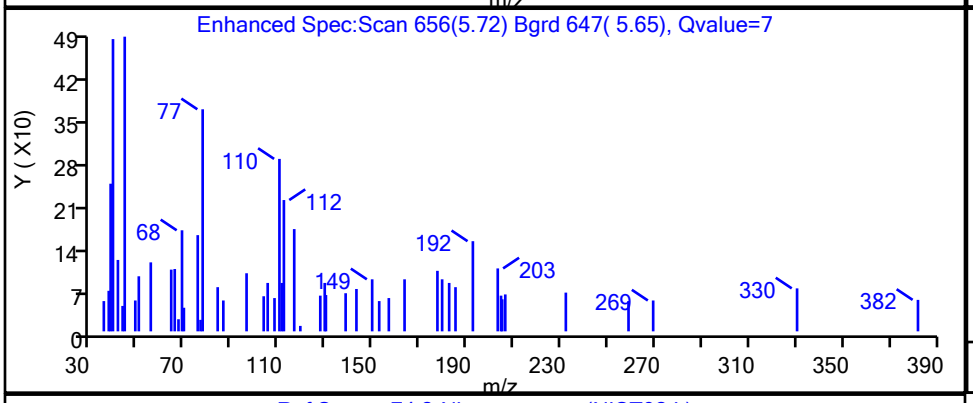
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

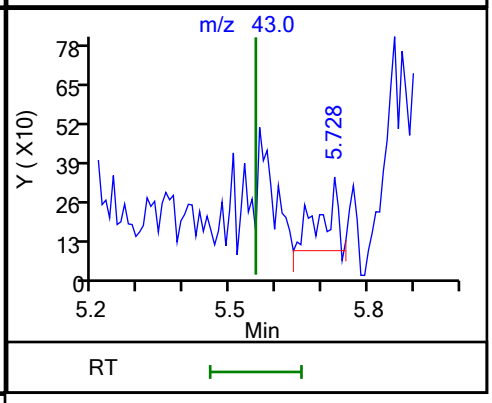
74 2-Nitropropane, CAS: 79-46-9

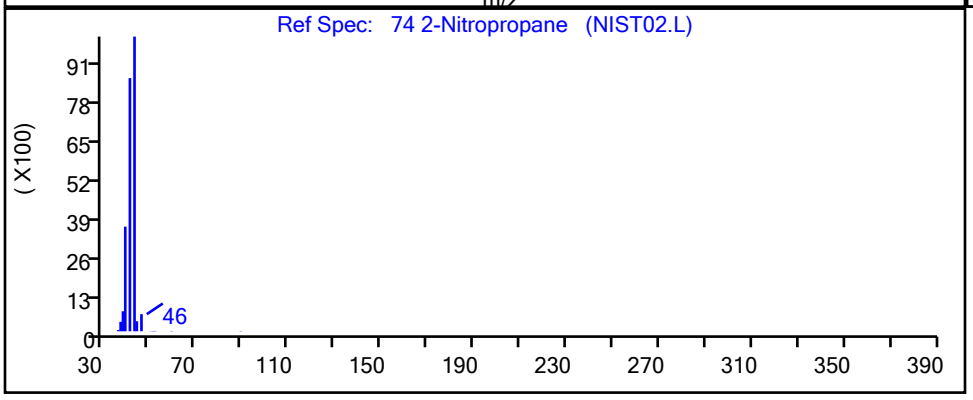
Processing Results











RT	Mass	Response	Amount
5.72	41.00	785	0.400000
5.73	43.00	645	

Reviewer: HVW2, 21-Jan-2026 00:47:46 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

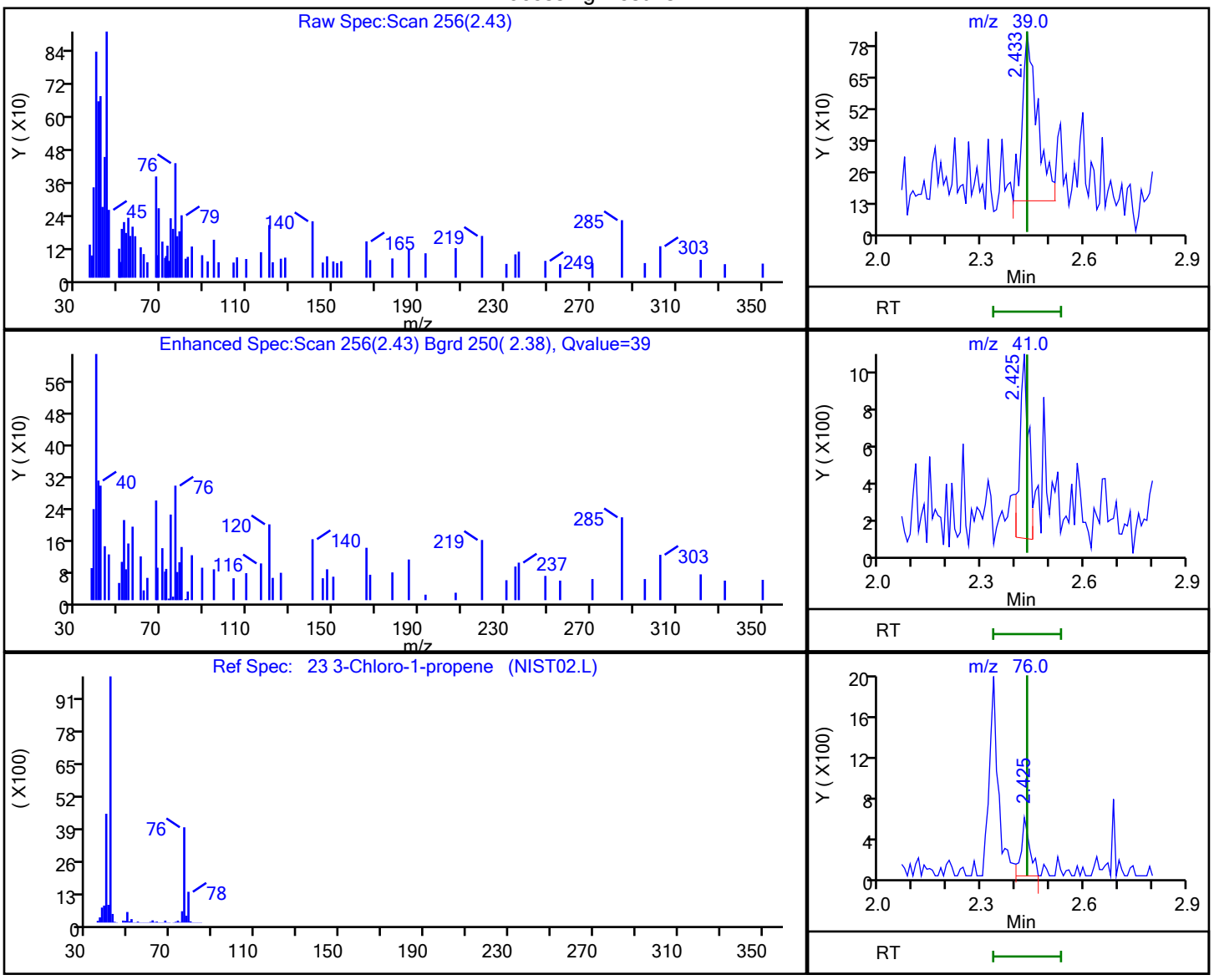
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.43	39.00	2193	0.200000
2.42	41.00	1645	
2.42	76.00	999	

Reviewer: HVW2, 21-Jan-2026 00:46:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

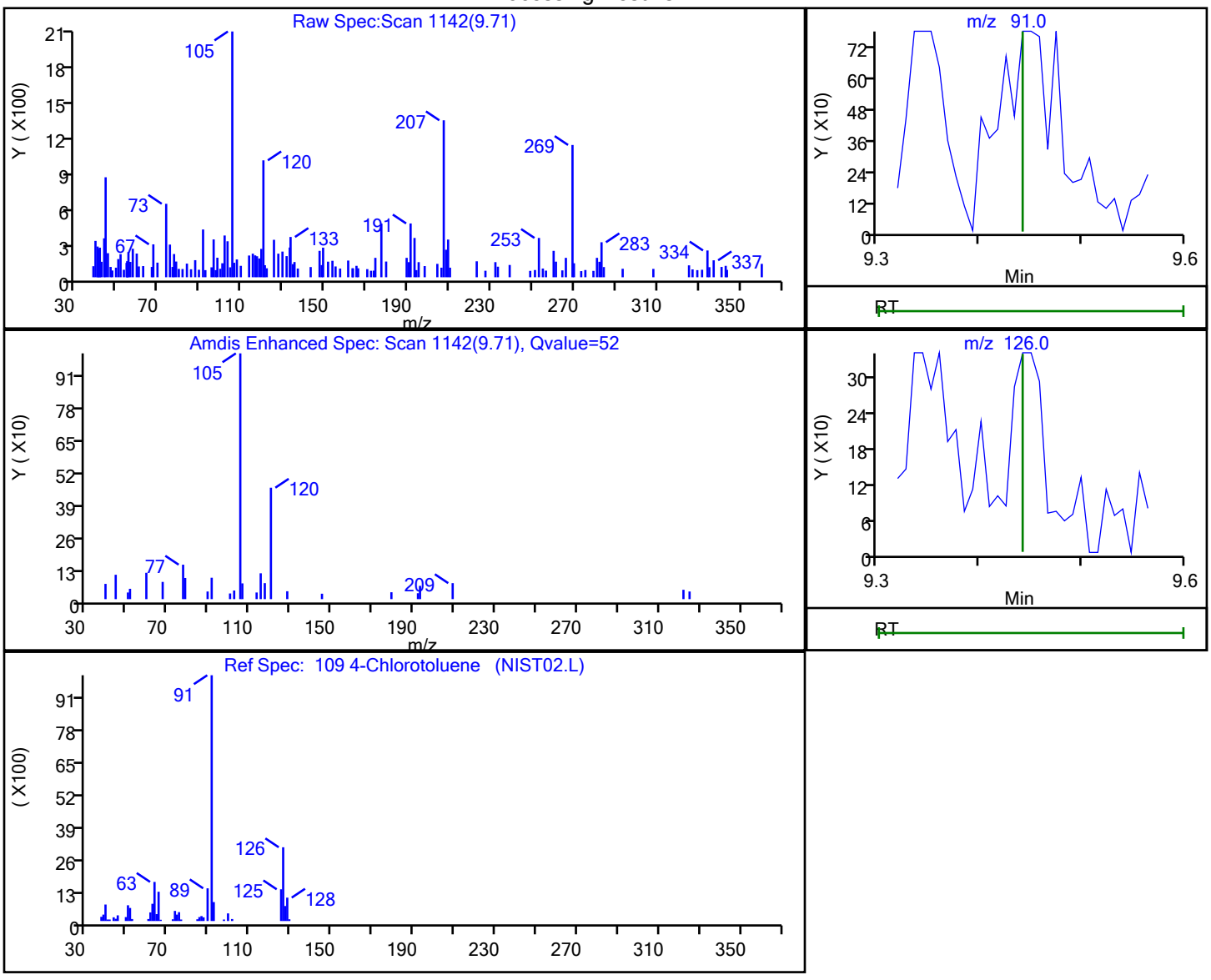
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
9.71	91.00	494	0.200000
9.70	126.00	149	

Reviewer: HVW2, 21-Jan-2026 00:48:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

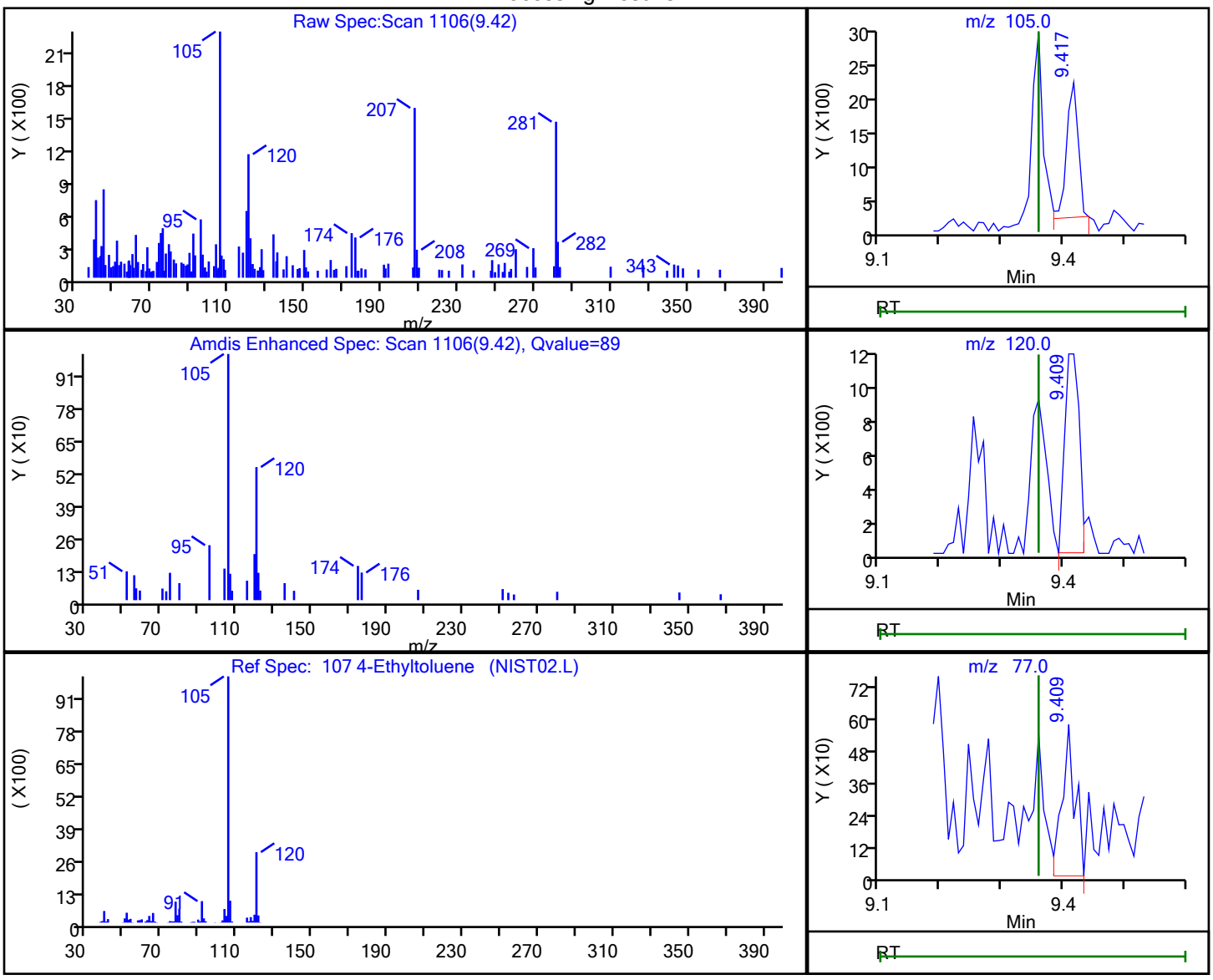
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.42	105.00	2638	0.200000
9.41	120.00	1851	
9.41	77.00	858	

Reviewer: HVW2, 21-Jan-2026 00:49:01 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

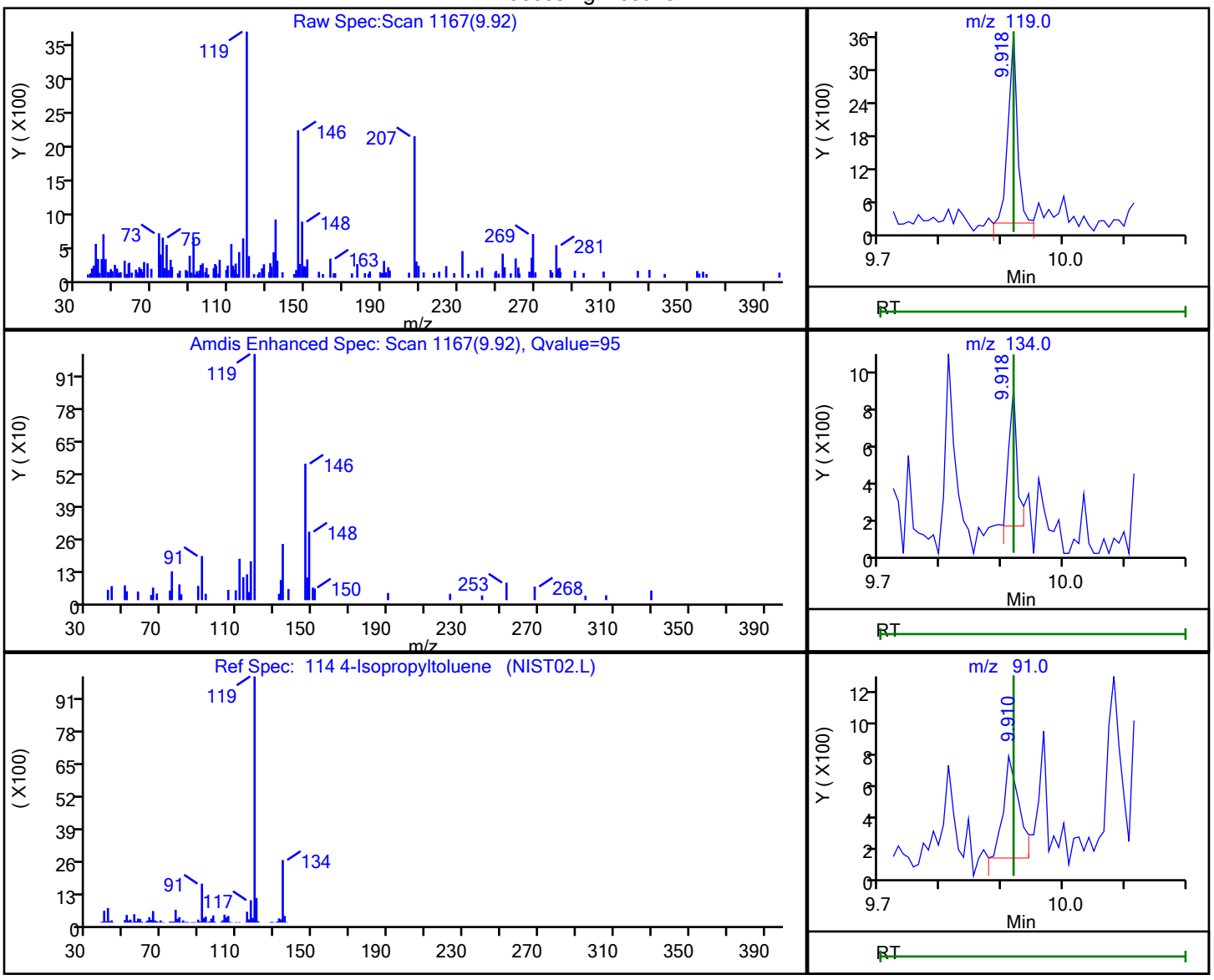
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
9.92	119.00	3743	0.200000
9.92	134.00	680	
9.91	91.00	1095	

Reviewer: HVW2, 21-Jan-2026 00:49:05 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

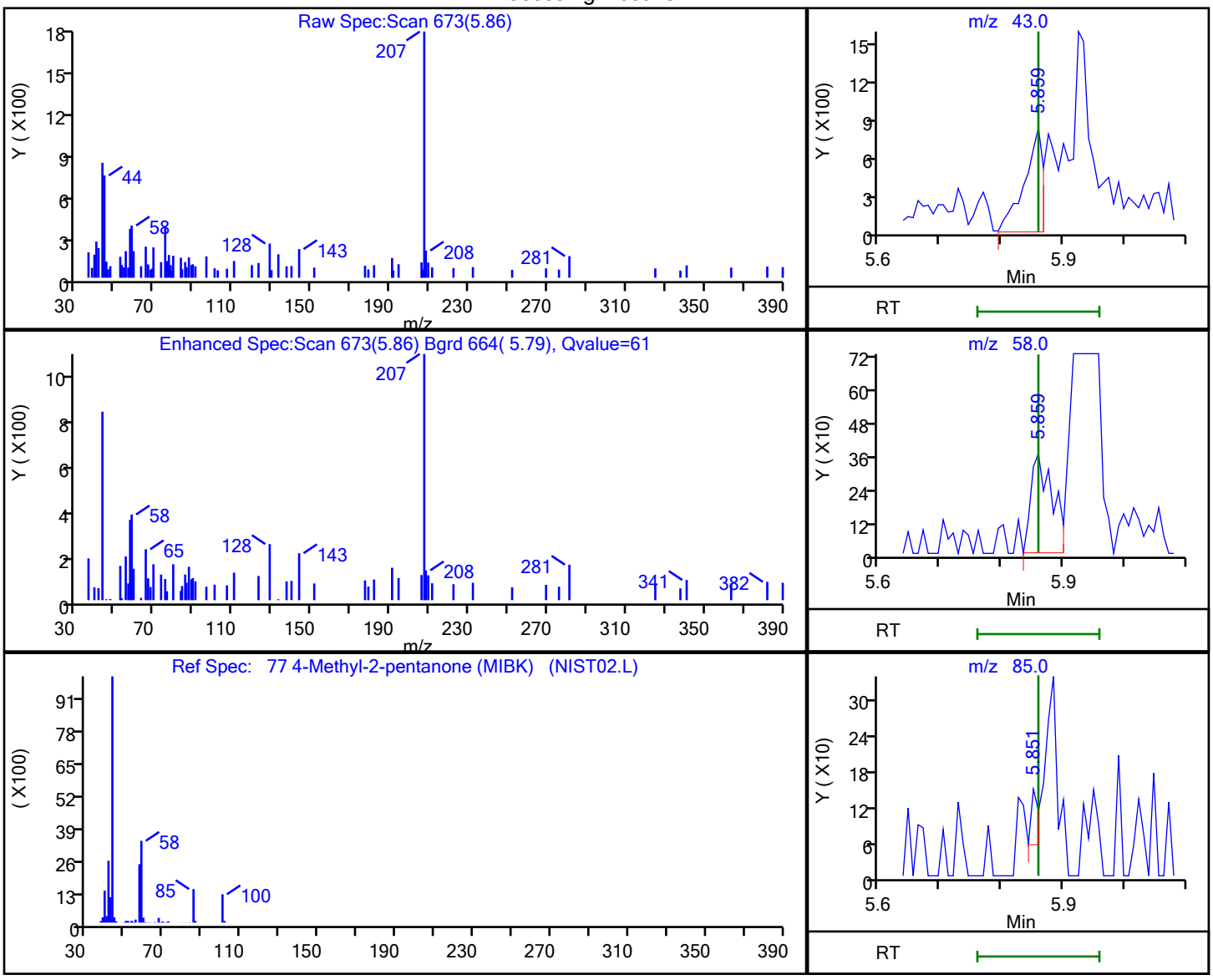
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.86	43.00	1673	0.829639
5.86	58.00	899	
5.85	85.00	72	
5.85	100.00	129	

Reviewer: HVW2, 21-Jan-2026 00:48:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

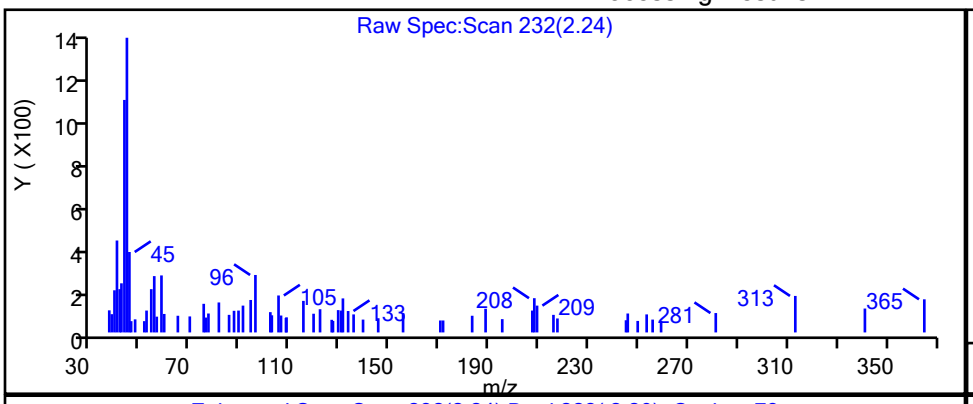
User Disabled Compound Report

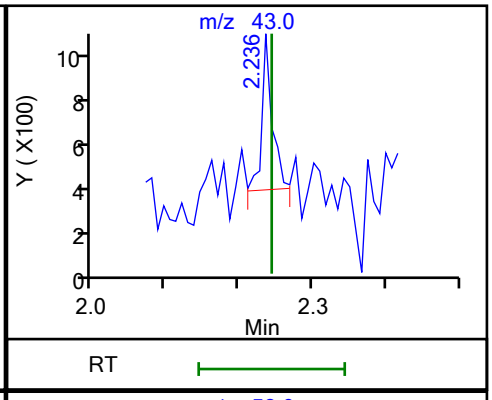
Eurofins Edison

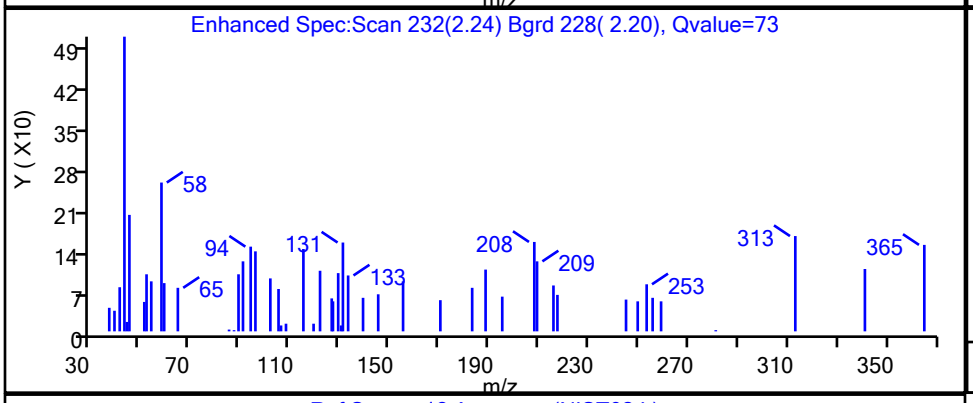
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

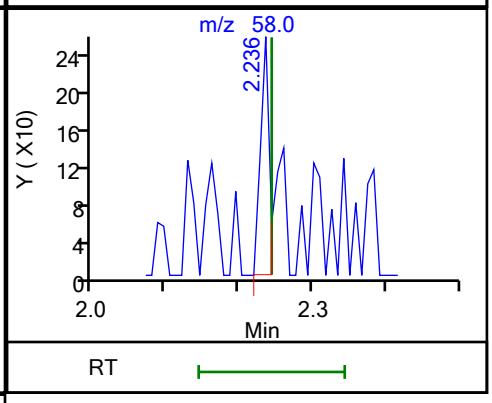
18 Acetone, CAS: 67-64-1

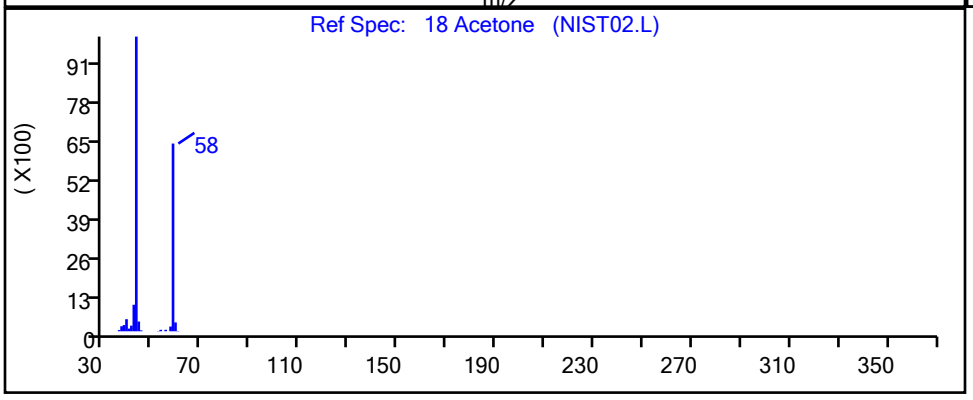
Processing Results











RT	Mass	Response	Amount
2.24	43.00	644	1.000000
2.24	58.00	212	

Reviewer: HVW2, 21-Jan-2026 00:46:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

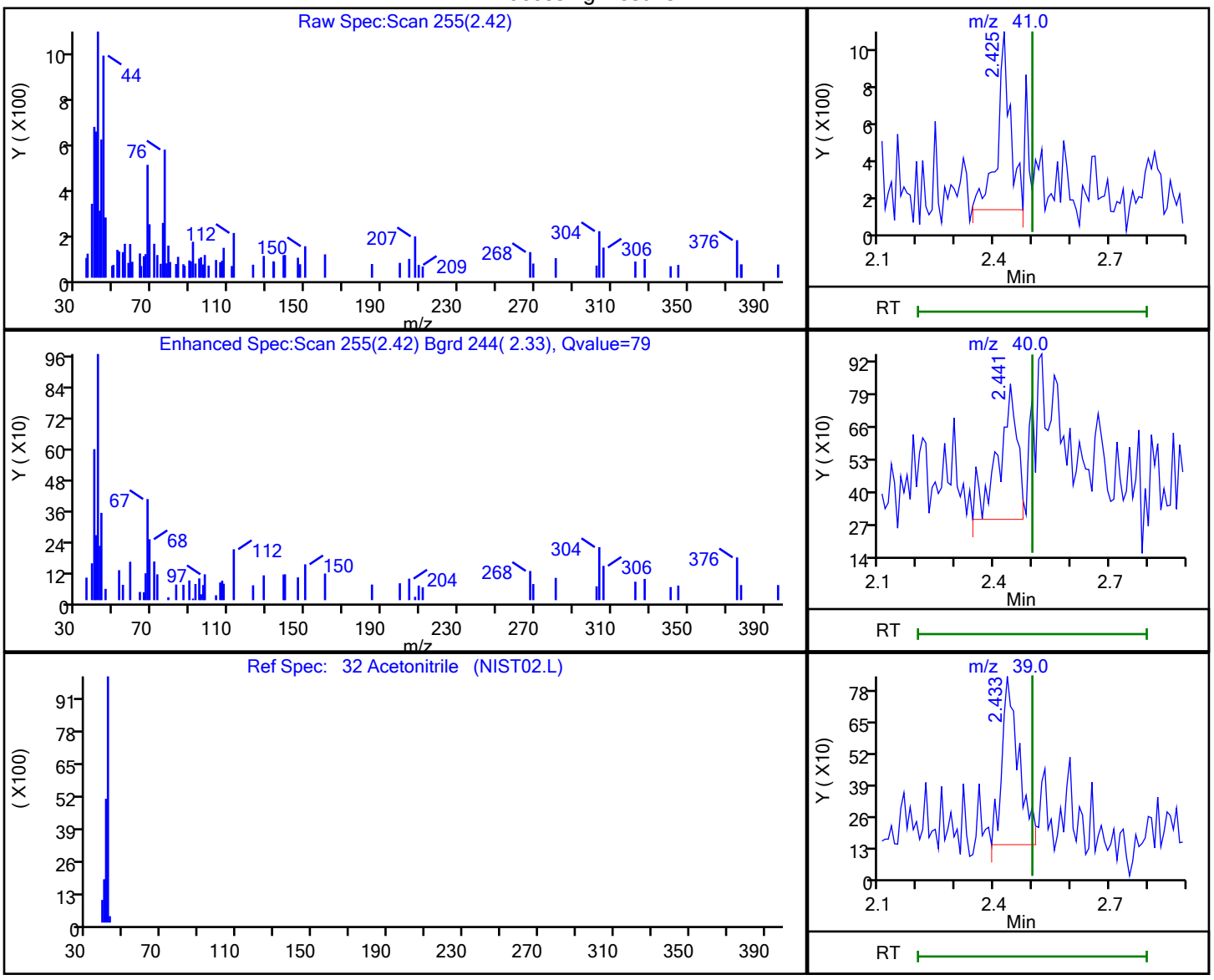
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.42	41.00	2159	3.306285
2.44	40.00	1899	
2.43	39.00	2156	
2.43	38.00	430	

Reviewer: HVW2, 21-Jan-2026 00:46:40 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

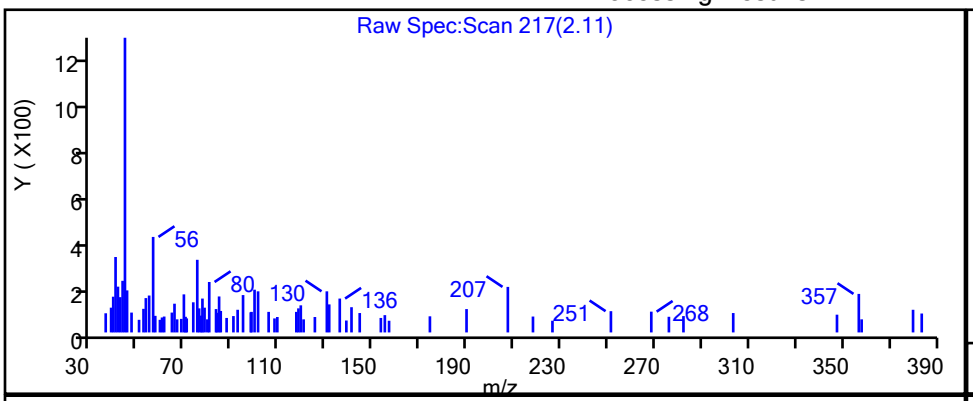
User Disabled Compound Report

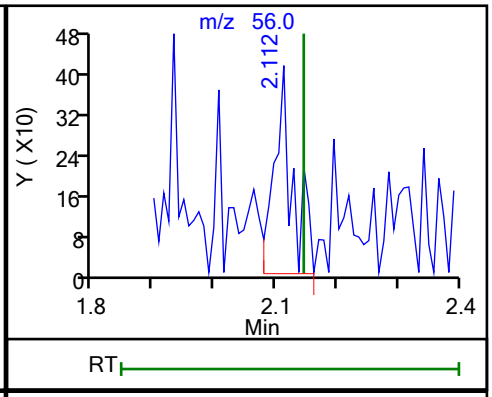
Eurofins Edison

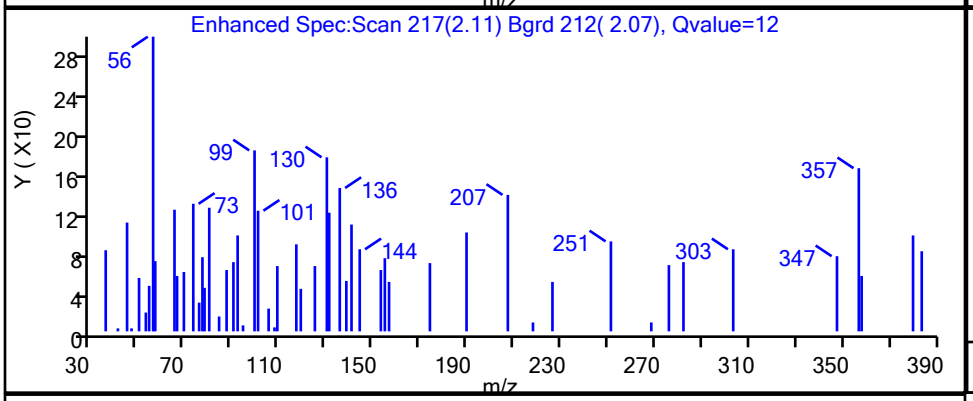
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

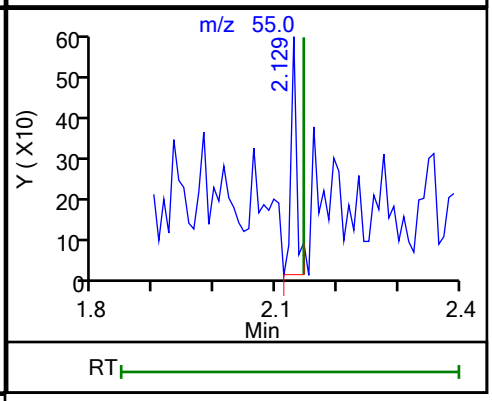
16 Acrolein, CAS: 107-02-8

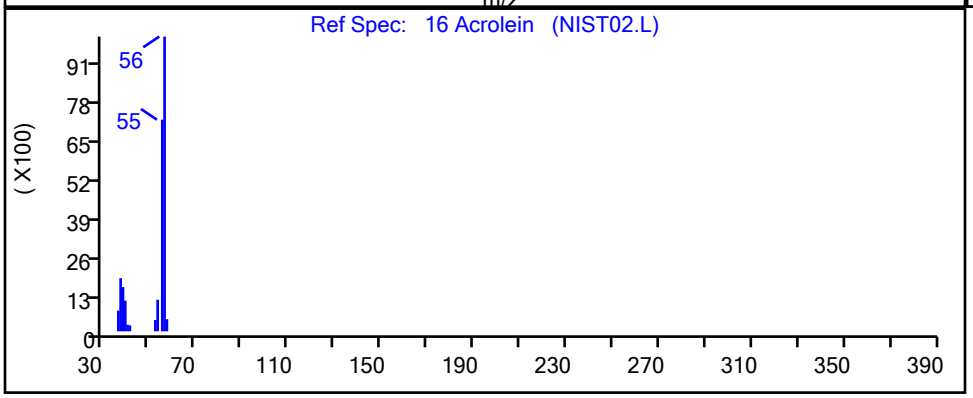
Processing Results











RT	Mass	Response	Amount
2.11	56.00	838	2.172721
2.13	55.00	398	

Reviewer: HVW2, 21-Jan-2026 00:46:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

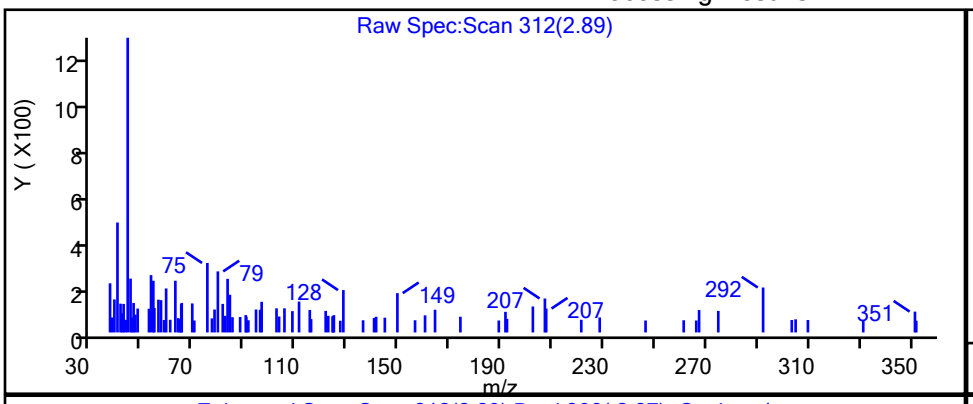
User Disabled Compound Report

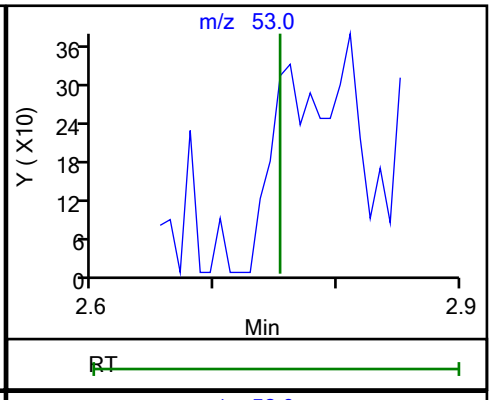
Eurofins Edison

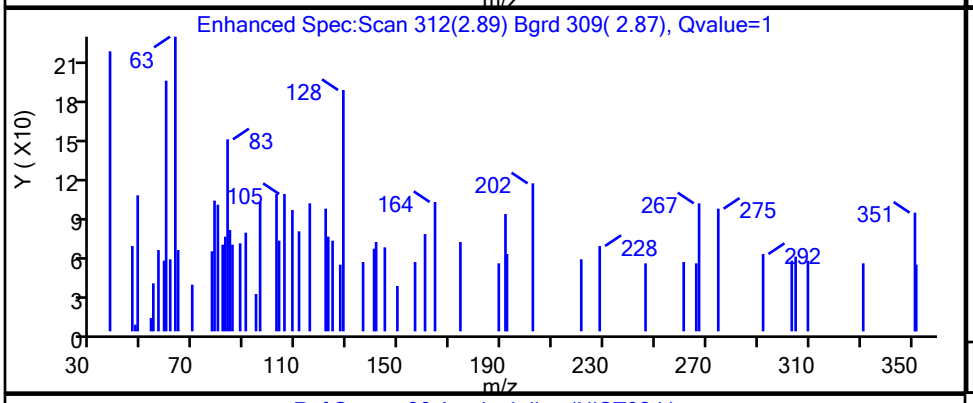
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

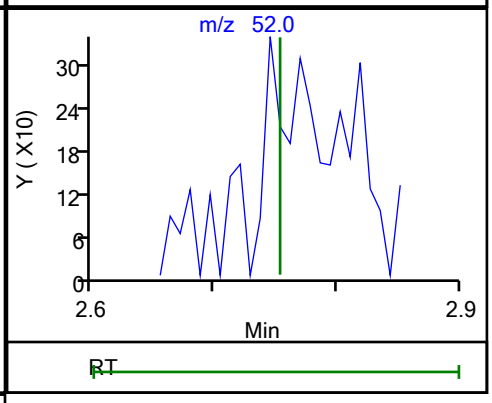
30 Acrylonitrile, CAS: 107-13-1

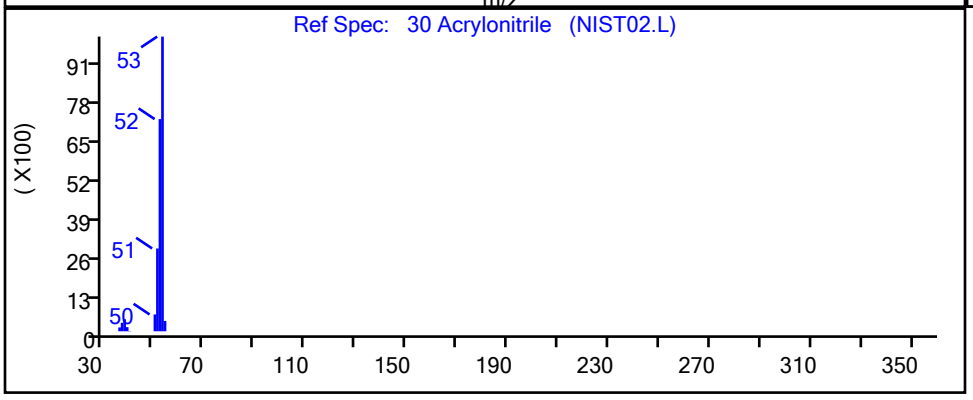
Processing Results











RT	Mass	Response	Amount
2.89	53.00	225	0.360293
2.89	52.00	94	

Reviewer: HVW2, 21-Jan-2026 00:46:46 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

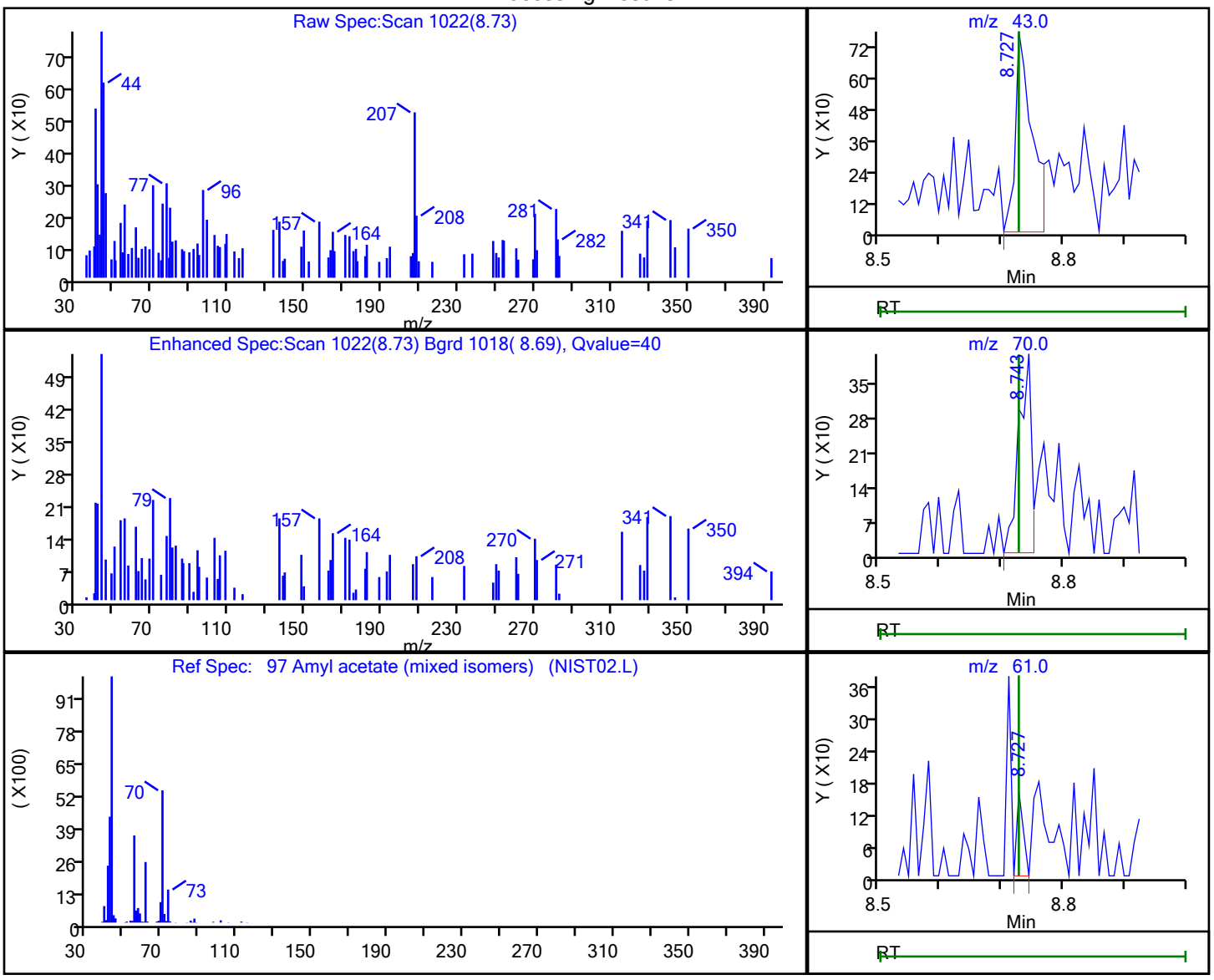
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

97 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.73	43.00	1483	0.200000
8.74	70.00	584	
8.73	61.00	117	

Reviewer: HVW2, 21-Jan-2026 00:48:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

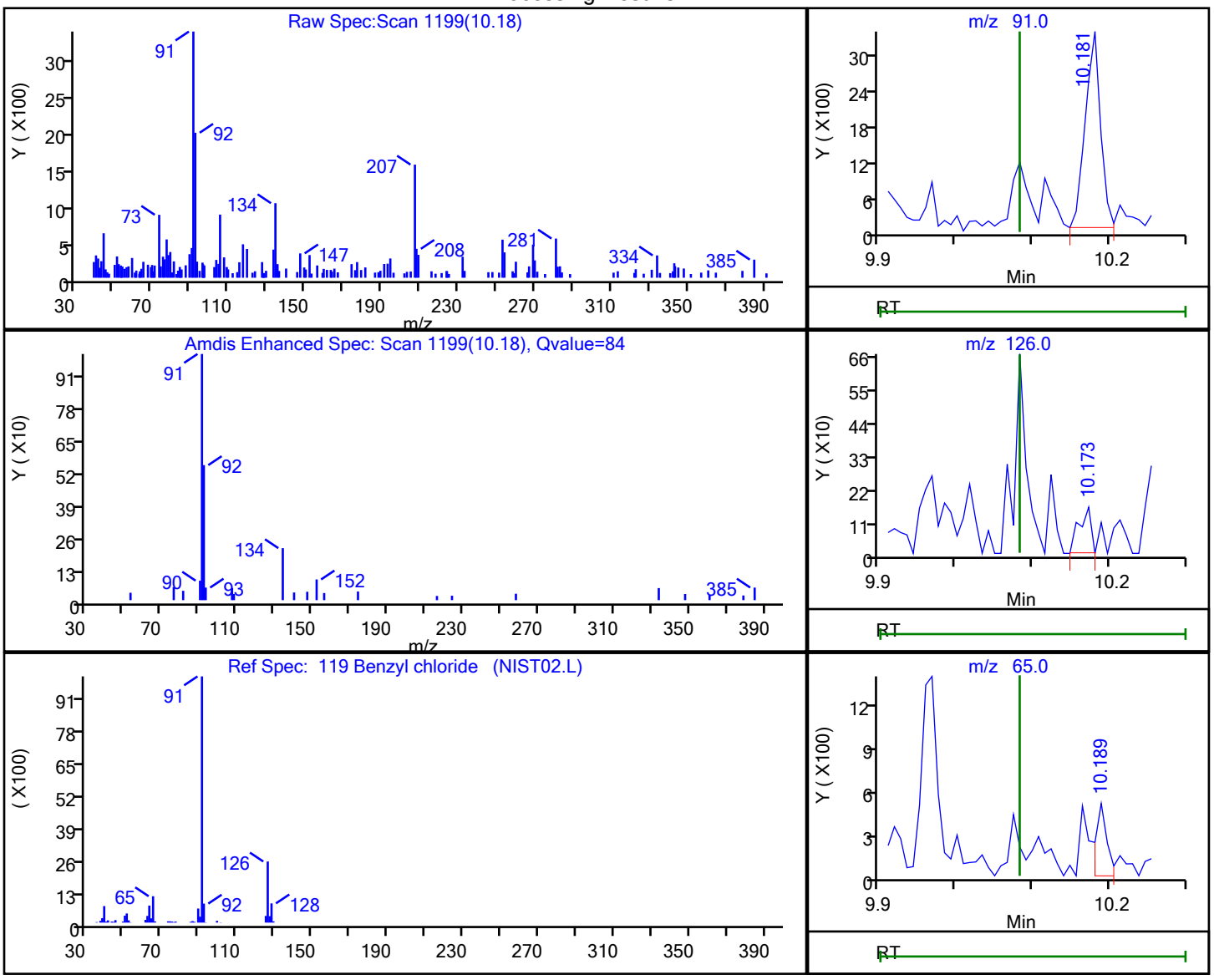
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.18	91.00	4565	0.200000
10.17	126.00	172	
10.19	65.00	477	

Reviewer: HVW2, 21-Jan-2026 00:49:10 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

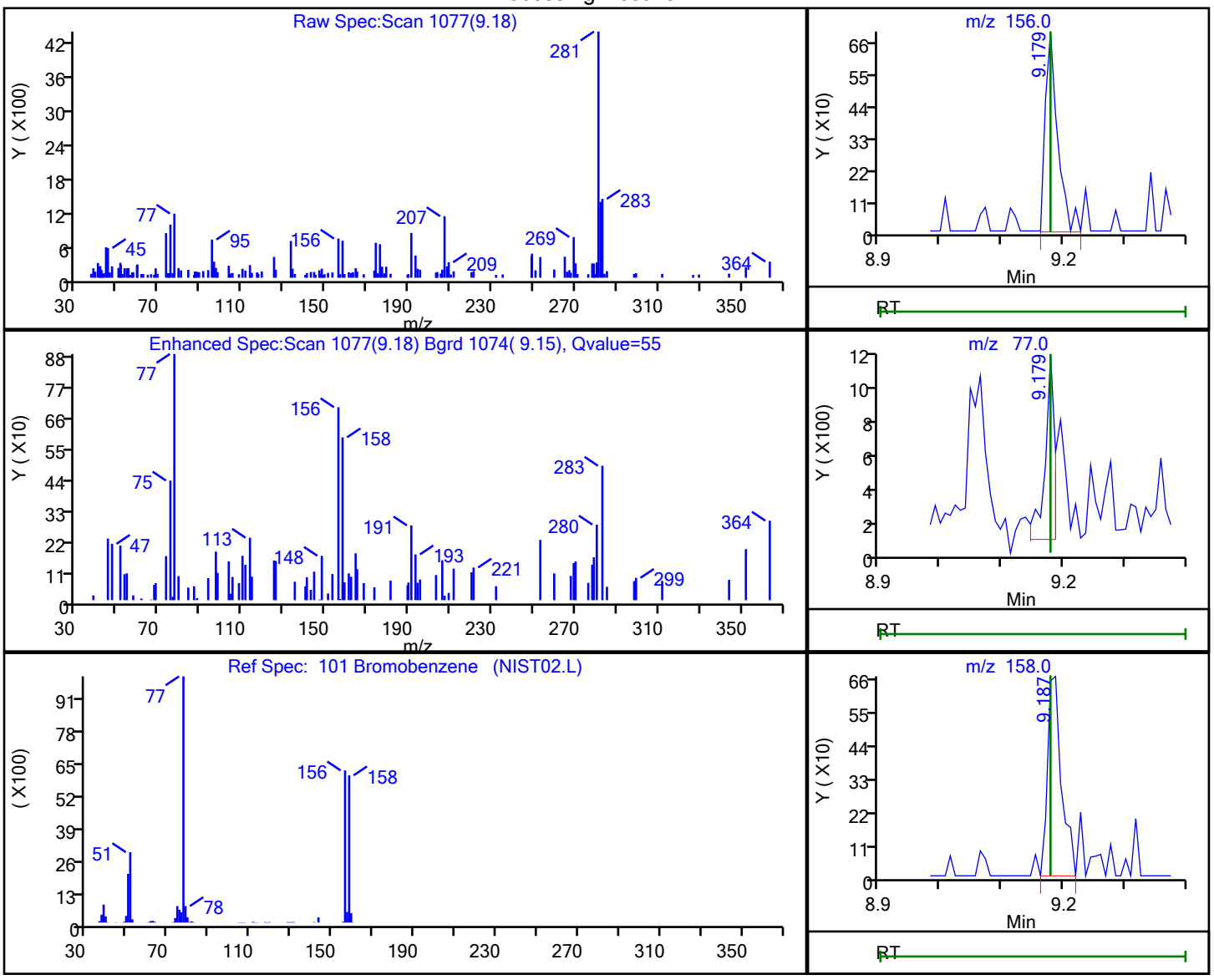
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

101 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.18	156.00	967	0.200000
9.18	77.00	1165	
9.19	158.00	1066	

Reviewer: HVW2, 21-Jan-2026 00:48:47 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

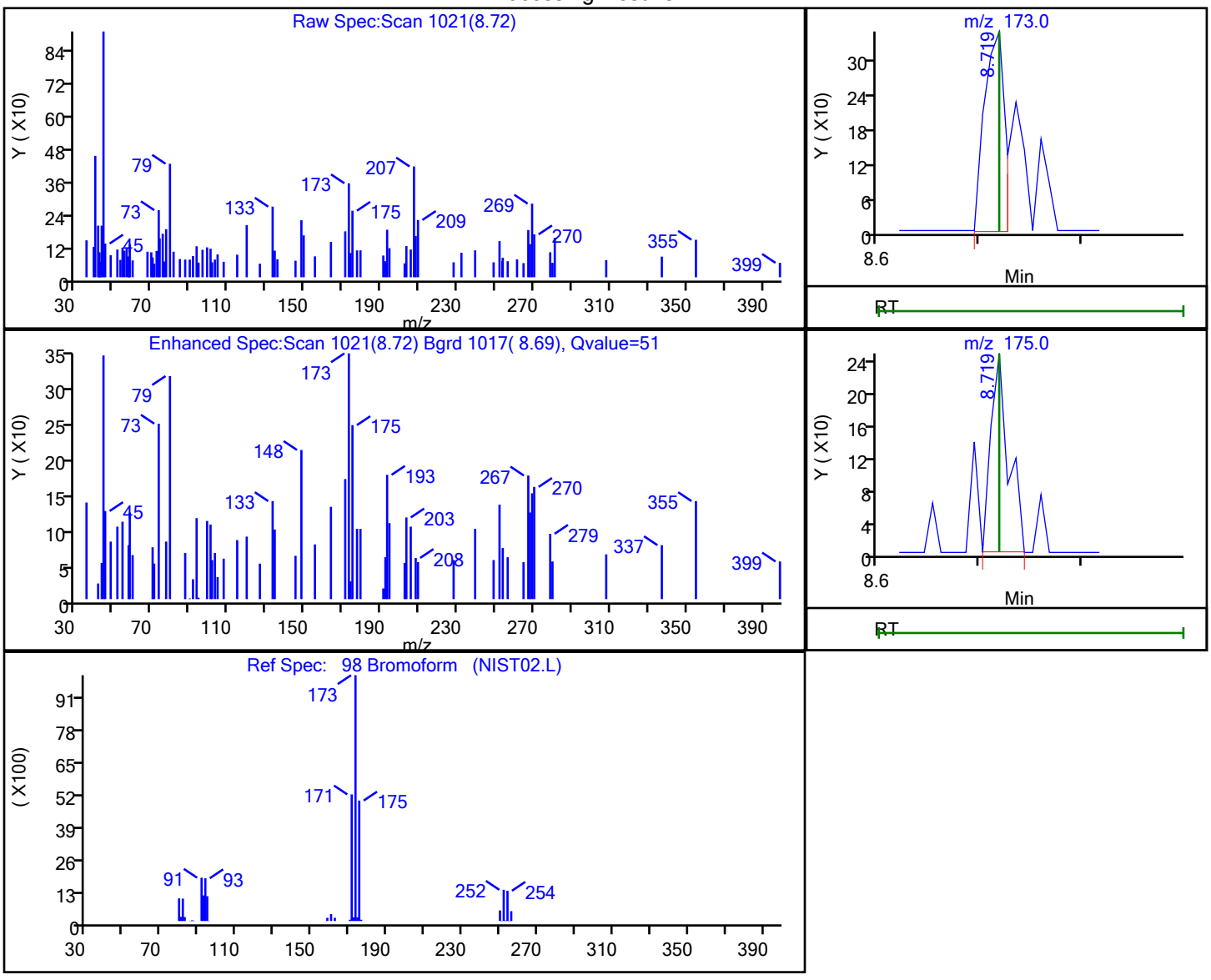
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

98 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.72	173.00	486	0.200000
8.72	175.00	296	

Reviewer: HVW2, 21-Jan-2026 00:48:42 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

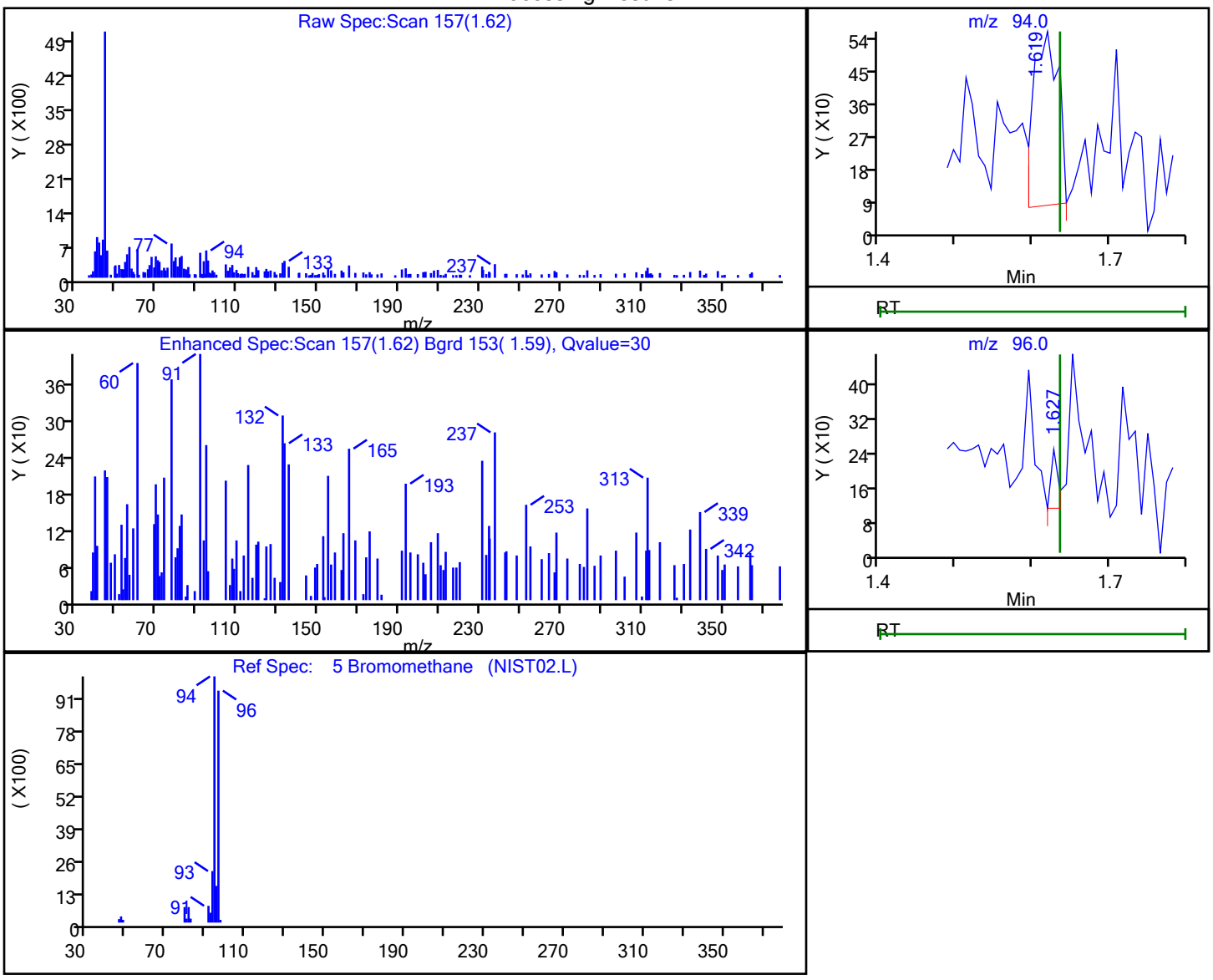
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.62	94.00	1089	0.365521
1.63	96.00	88	

Reviewer: HVW2, 21-Jan-2026 00:46:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

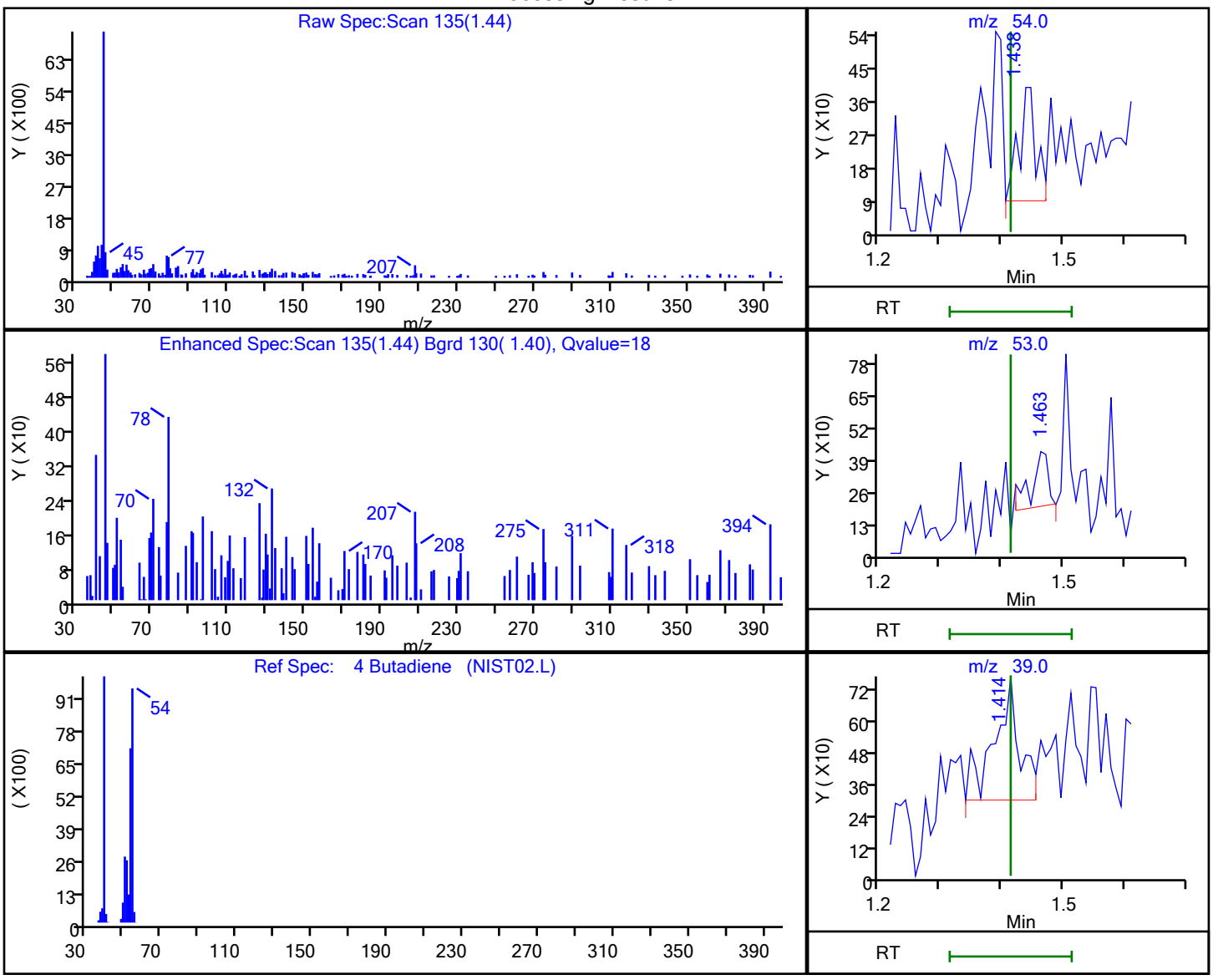
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
1.44	54.00	599	0.103114
1.46	53.00	452	
1.41	39.00	1373	

Reviewer: HVW2, 21-Jan-2026 00:46:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

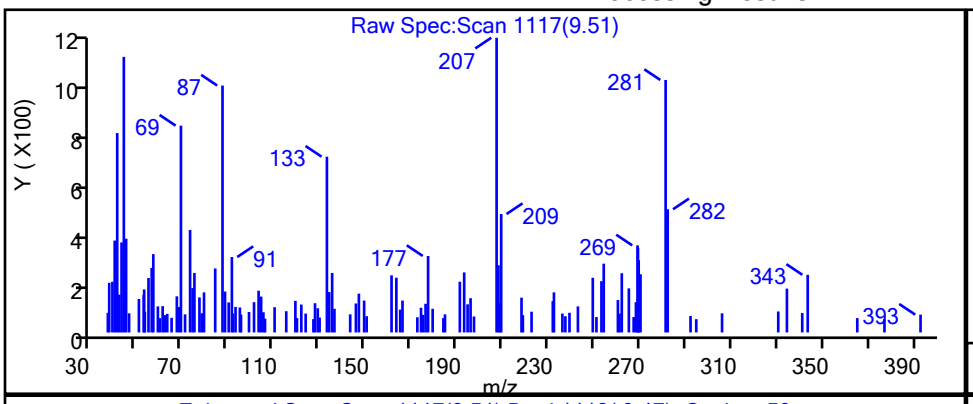
User Disabled Compound Report

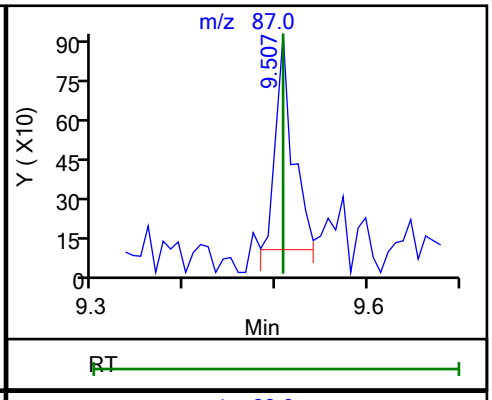
Eurofins Edison

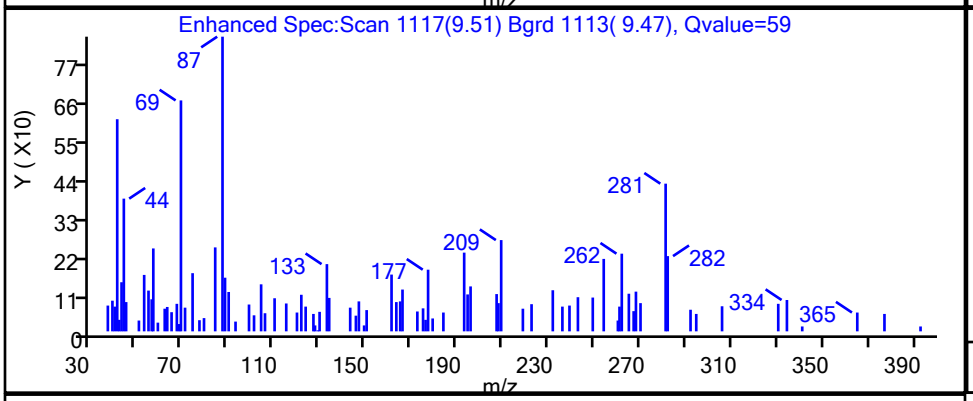
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

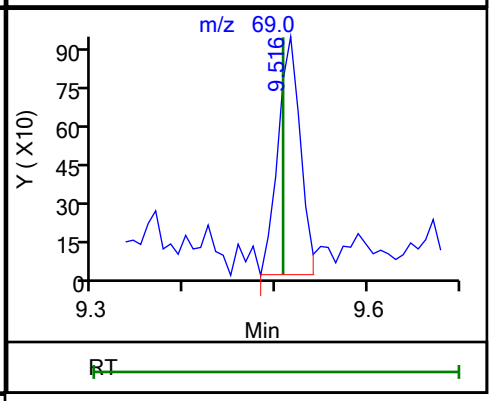
110 Butyl Methacrylate, CAS: 97-88-1

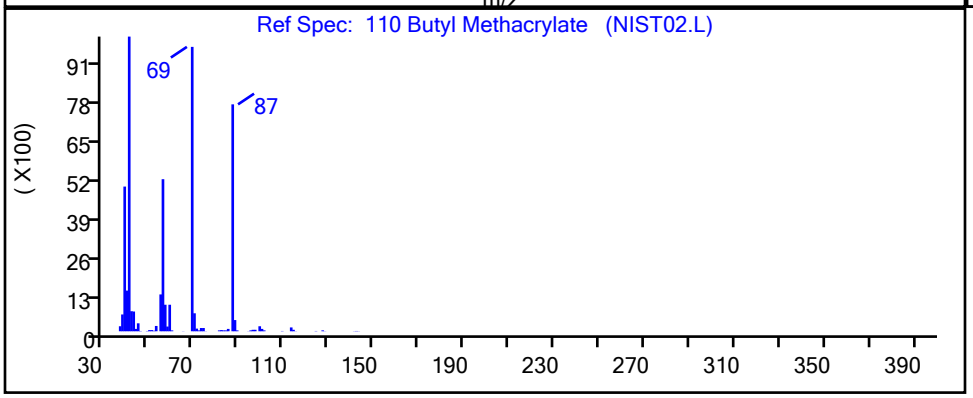
Processing Results











RT	Mass	Response	Amount
9.51	87.00	1066	0.333571
9.52	69.00	1619	

Reviewer: HVW2, 21-Jan-2026 00:48:54 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

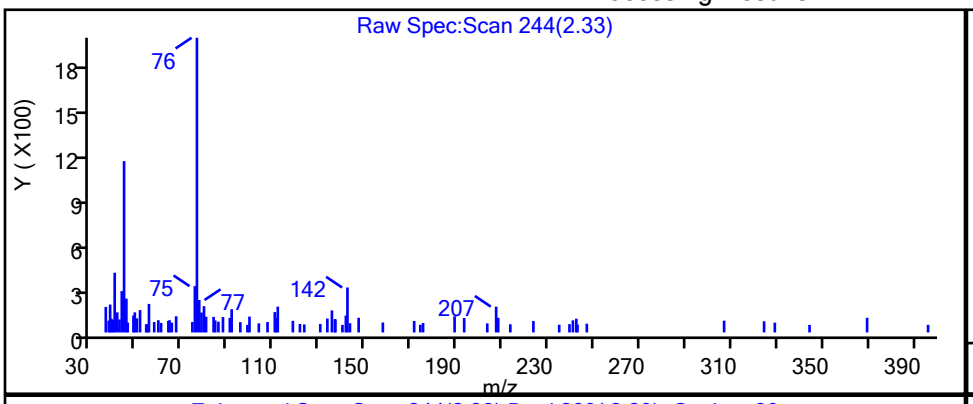
User Disabled Compound Report

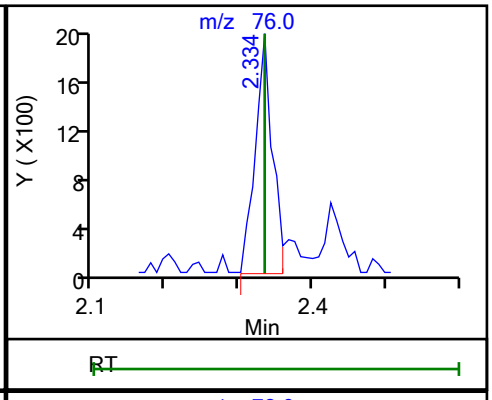
Eurofins Edison

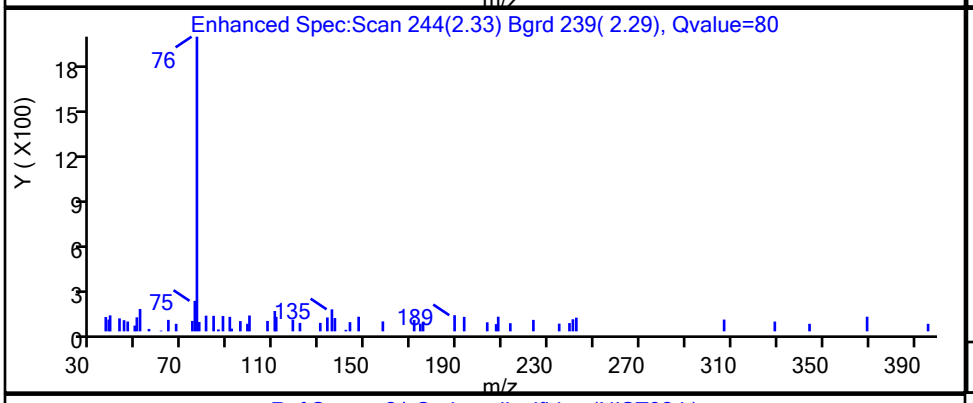
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

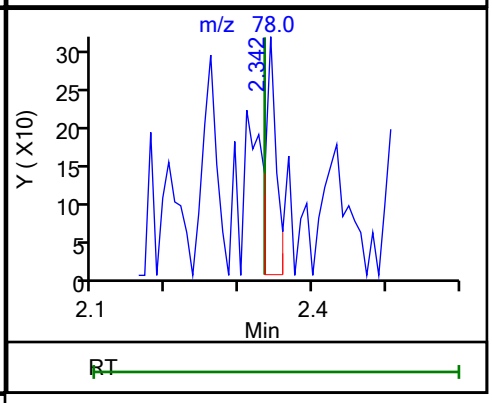
21 Carbon disulfide, CAS: 75-15-0

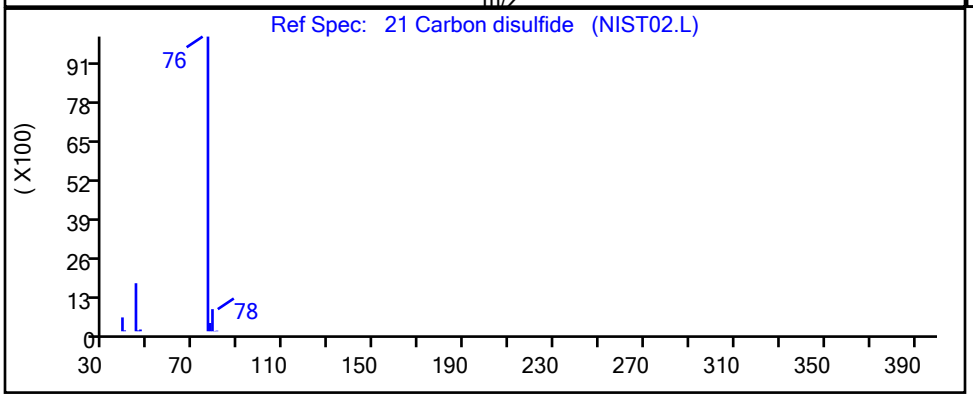
Processing Results











RT	Mass	Response	Amount
2.33	76.00	3183	1.934862
2.34	78.00	313	

Reviewer: HVW2, 21-Jan-2026 00:46:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

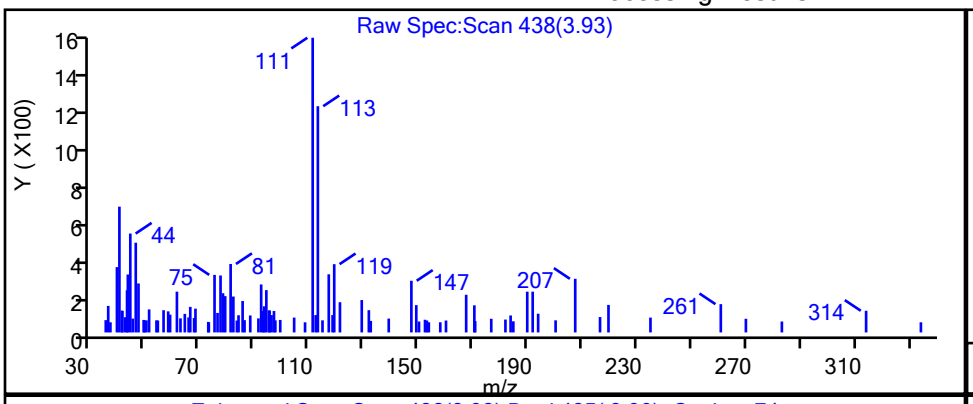
User Disabled Compound Report

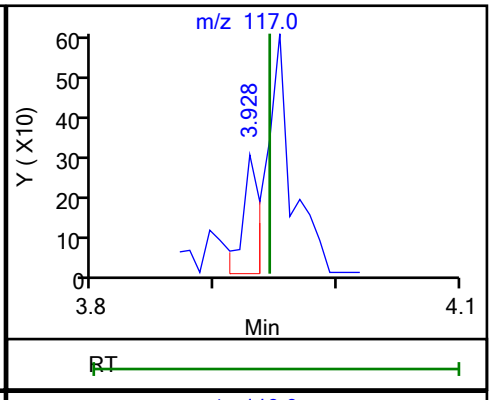
Eurofins Edison

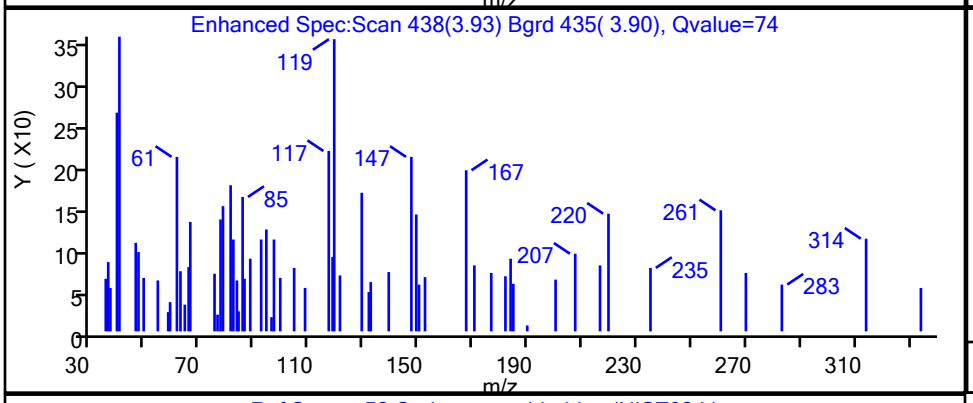
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

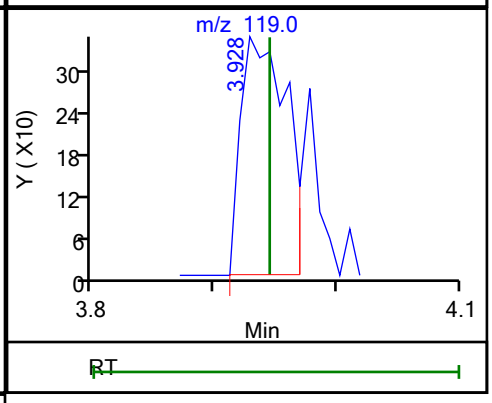
52 Carbon tetrachloride, CAS: 56-23-5

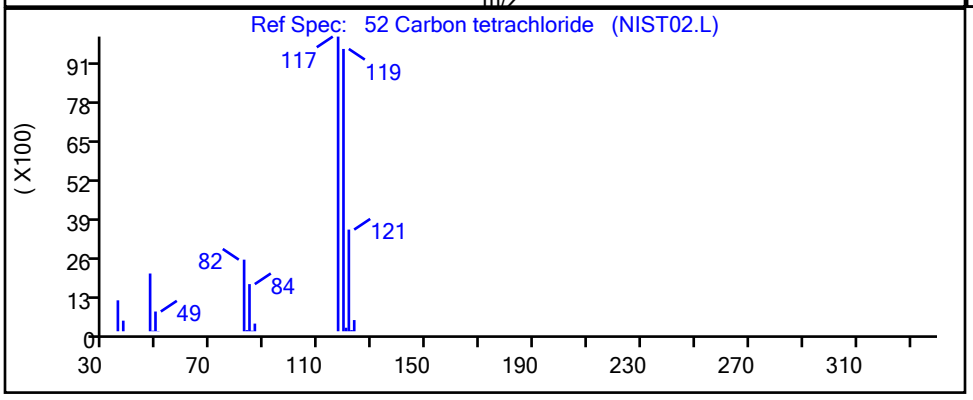
Processing Results











RT	Mass	Response	Amount
3.93	117.00	290	0.200000
3.93	119.00	930	

Reviewer: HVW2, 21-Jan-2026 00:47:10 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

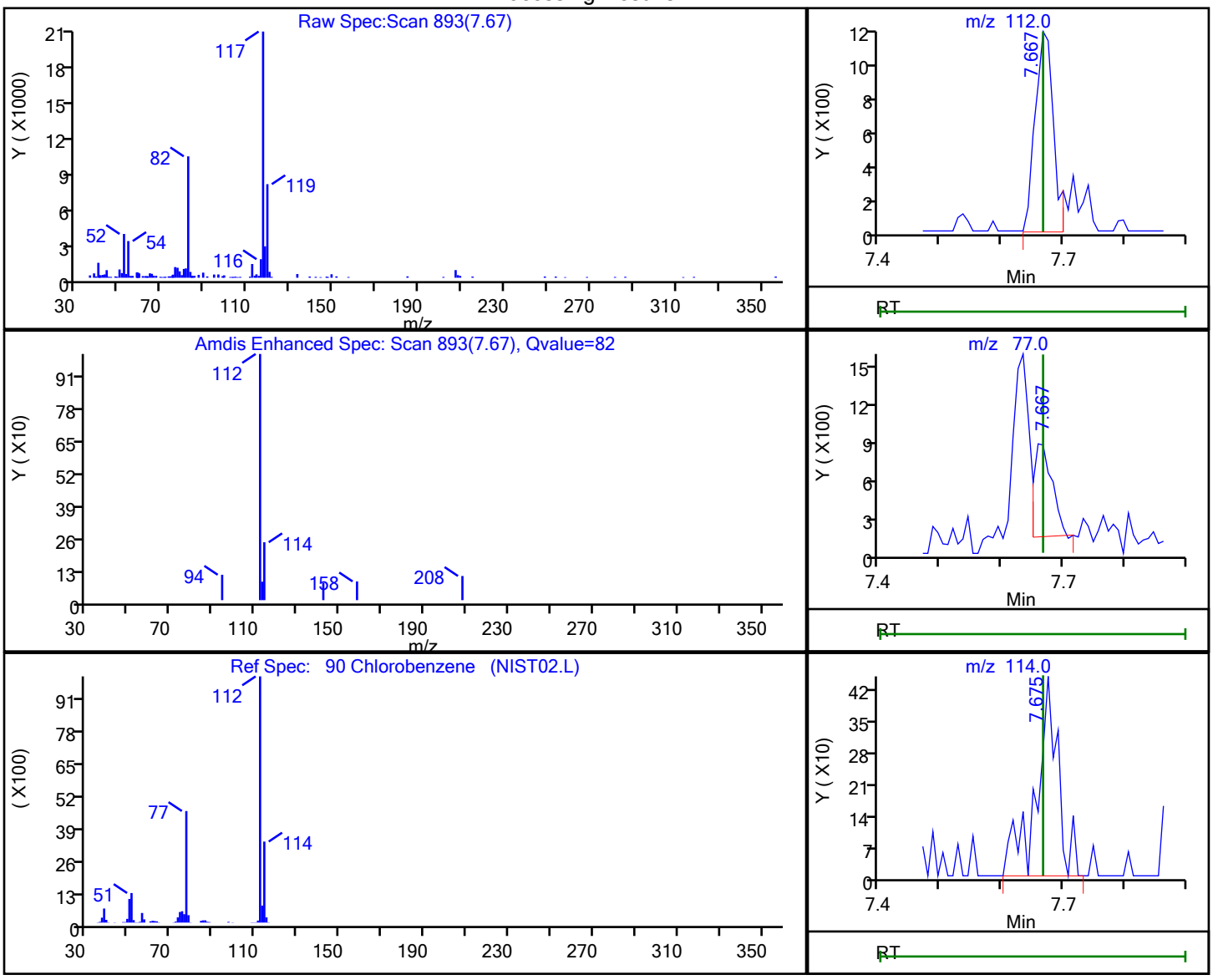
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

90 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
7.67	112.00	2385	0.200000
7.67	77.00	1494	
7.68	114.00	1110	

Reviewer: HVW2, 21-Jan-2026 00:48:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

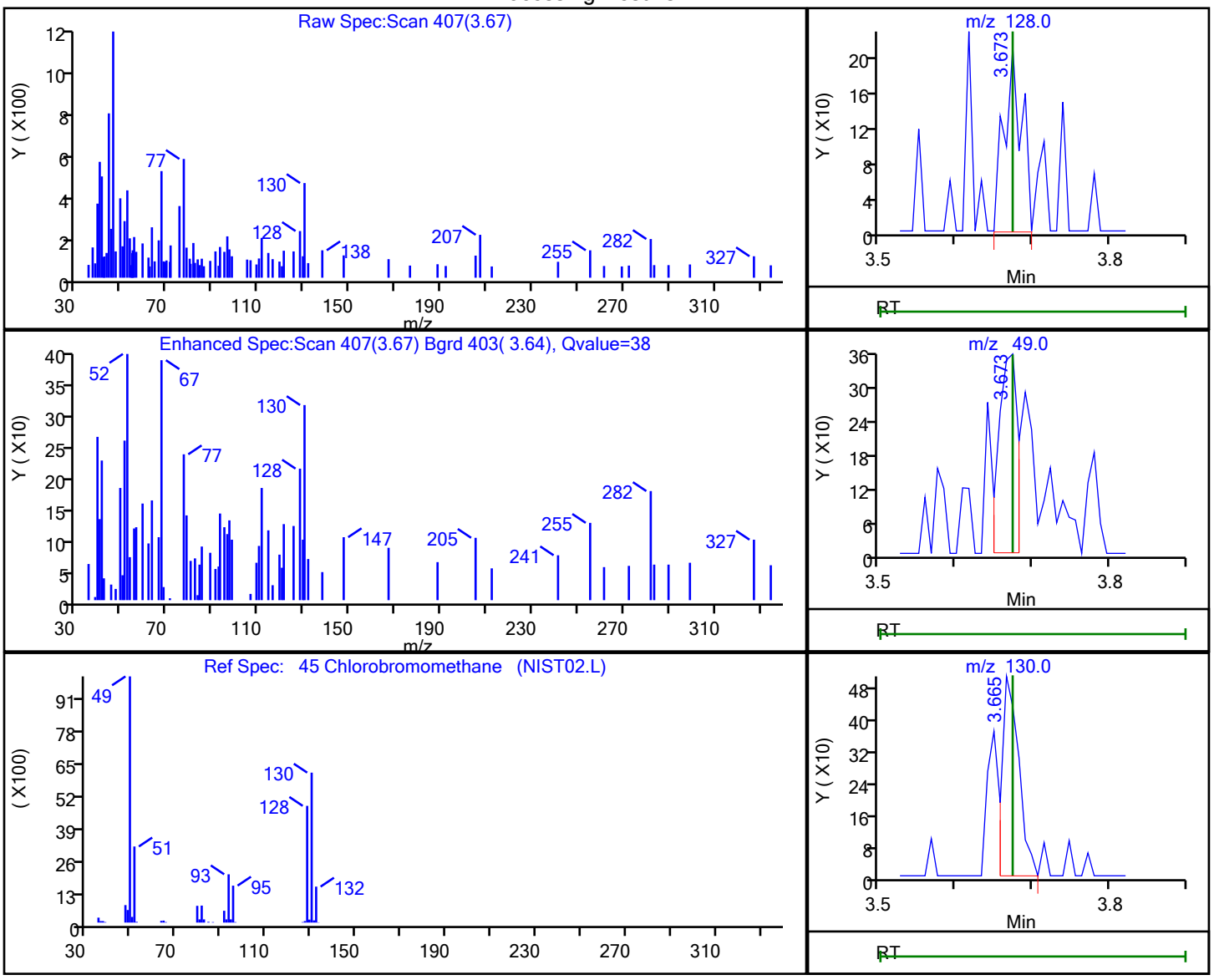
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
3.67	128.00	340	0.200000
3.67	49.00	624	
3.67	130.00	770	

Reviewer: HVW2, 21-Jan-2026 00:47:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

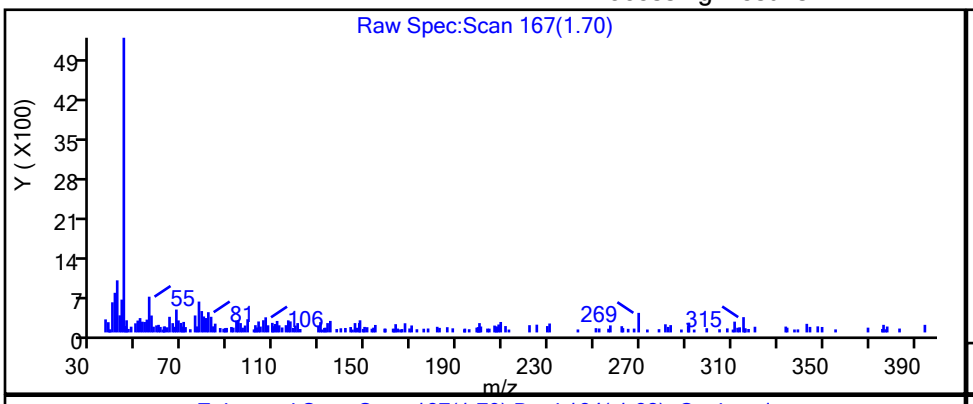
User Disabled Compound Report

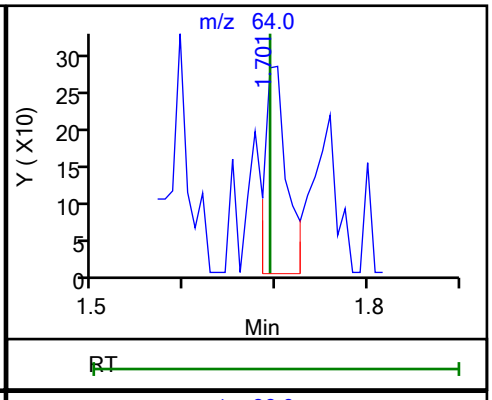
Eurofins Edison

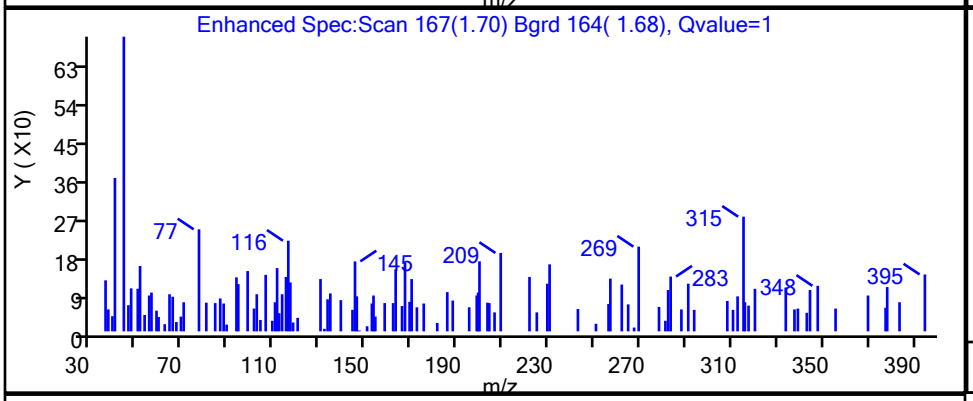
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

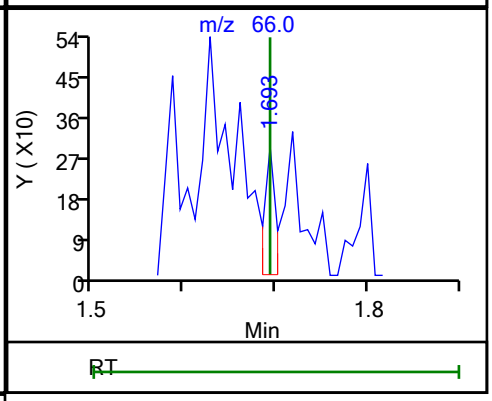
6 Chloroethane, CAS: 75-00-3

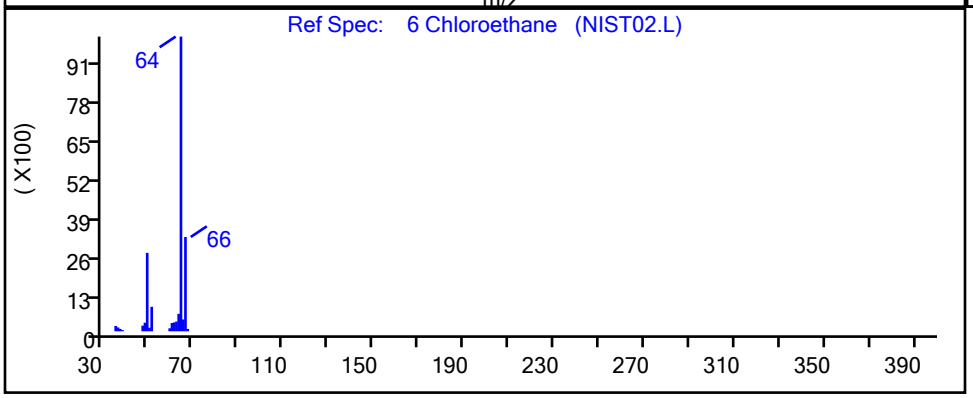
Processing Results











RT	Mass	Response	Amount
1.70	64.00	463	0.095909
1.69	66.00	247	

Reviewer: HVW2, 21-Jan-2026 00:46:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

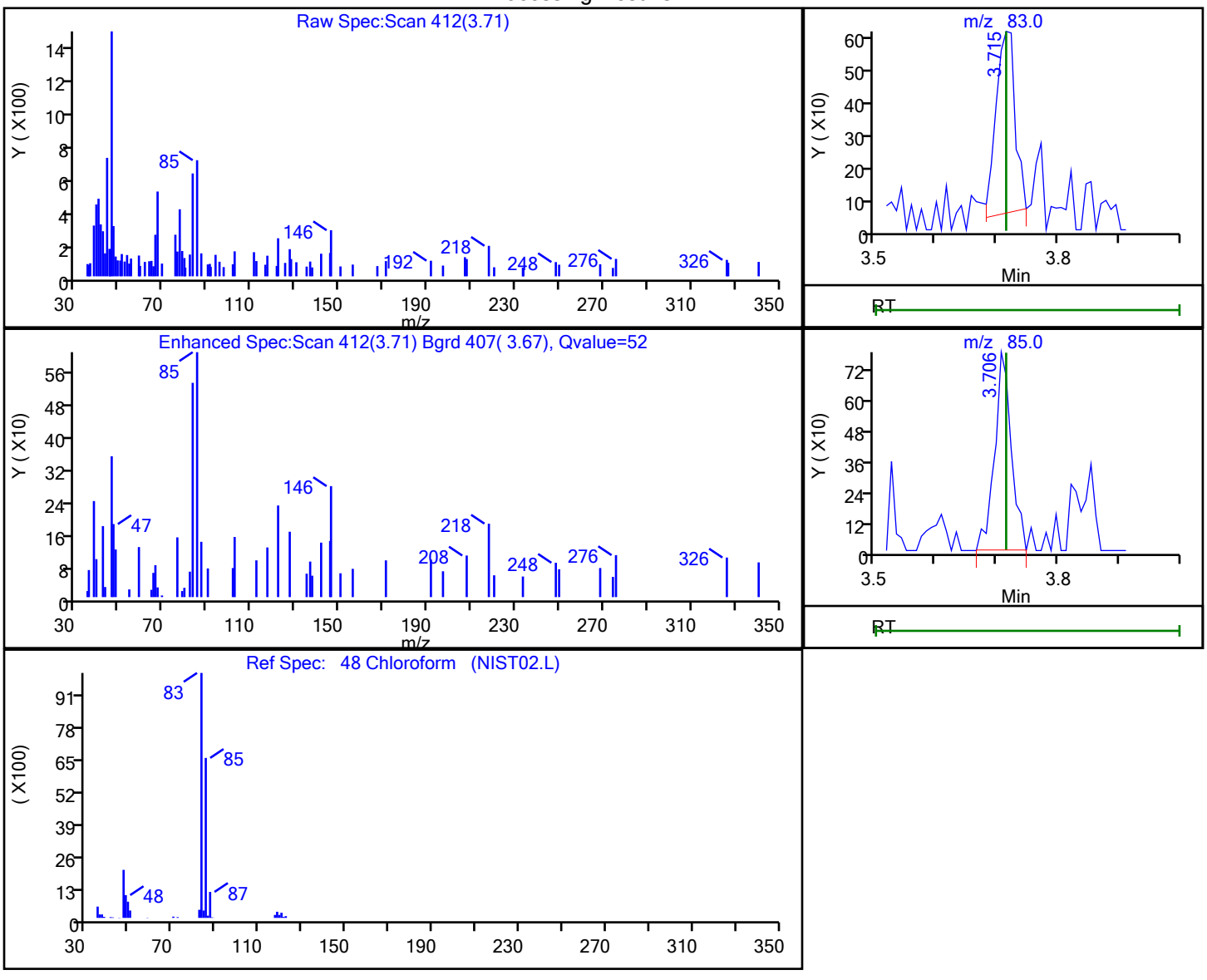
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
3.71	83.00	1239	0.200000
3.71	85.00	1513	

Reviewer: HVW2, 21-Jan-2026 00:47:04 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

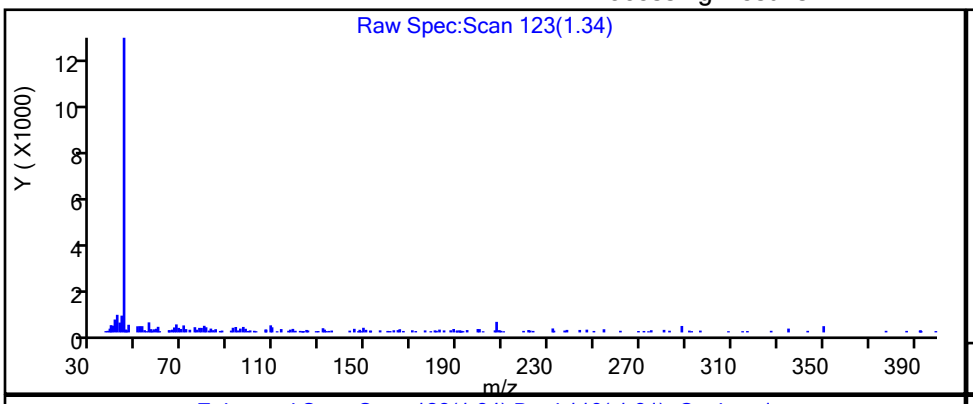
User Disabled Compound Report

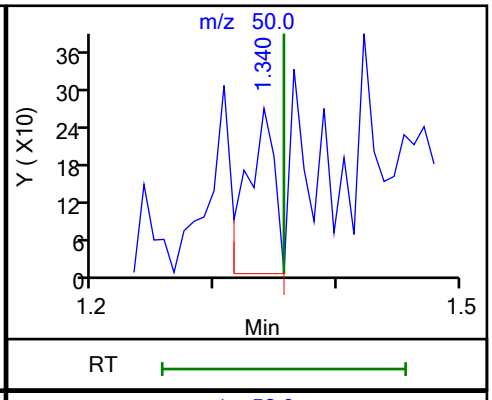
Eurofins Edison

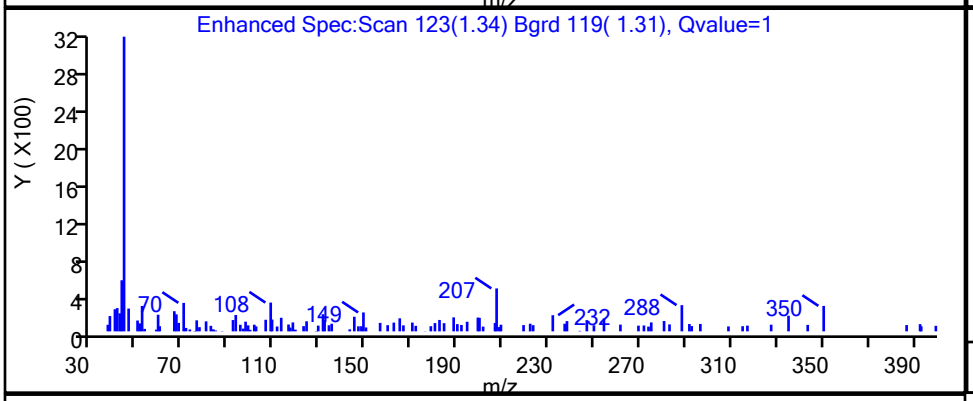
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

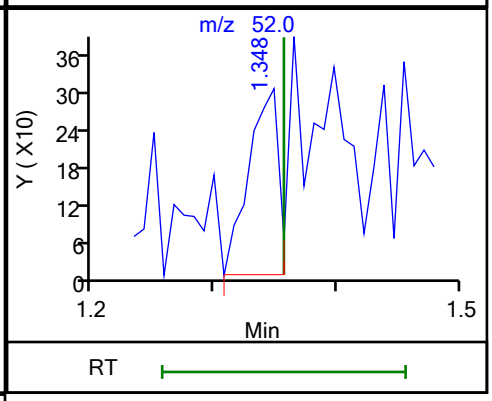
2 Chloromethane, CAS: 74-87-3

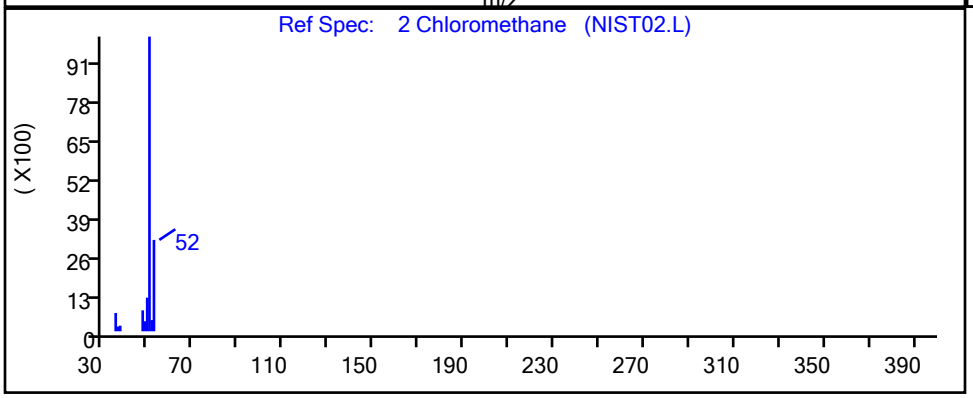
Processing Results











RT	Mass	Response	Amount
1.34	50.00	411	0.049441
1.35	52.00	516	

Reviewer: HVW2, 21-Jan-2026 00:46:10 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

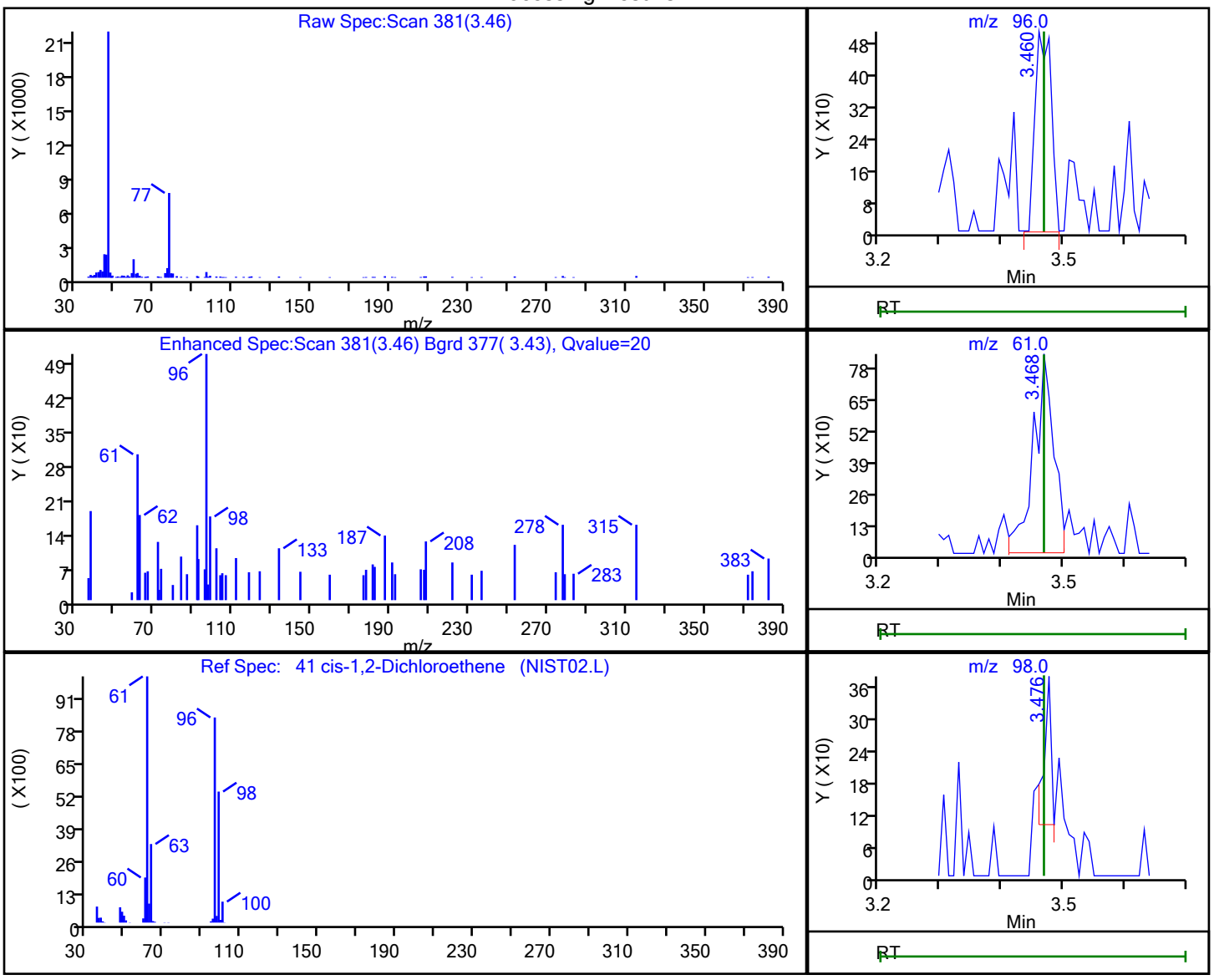
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
3.46	96.00	919	0.200000
3.47	61.00	1958	
3.48	98.00	222	

Reviewer: HVW2, 21-Jan-2026 00:46:58 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

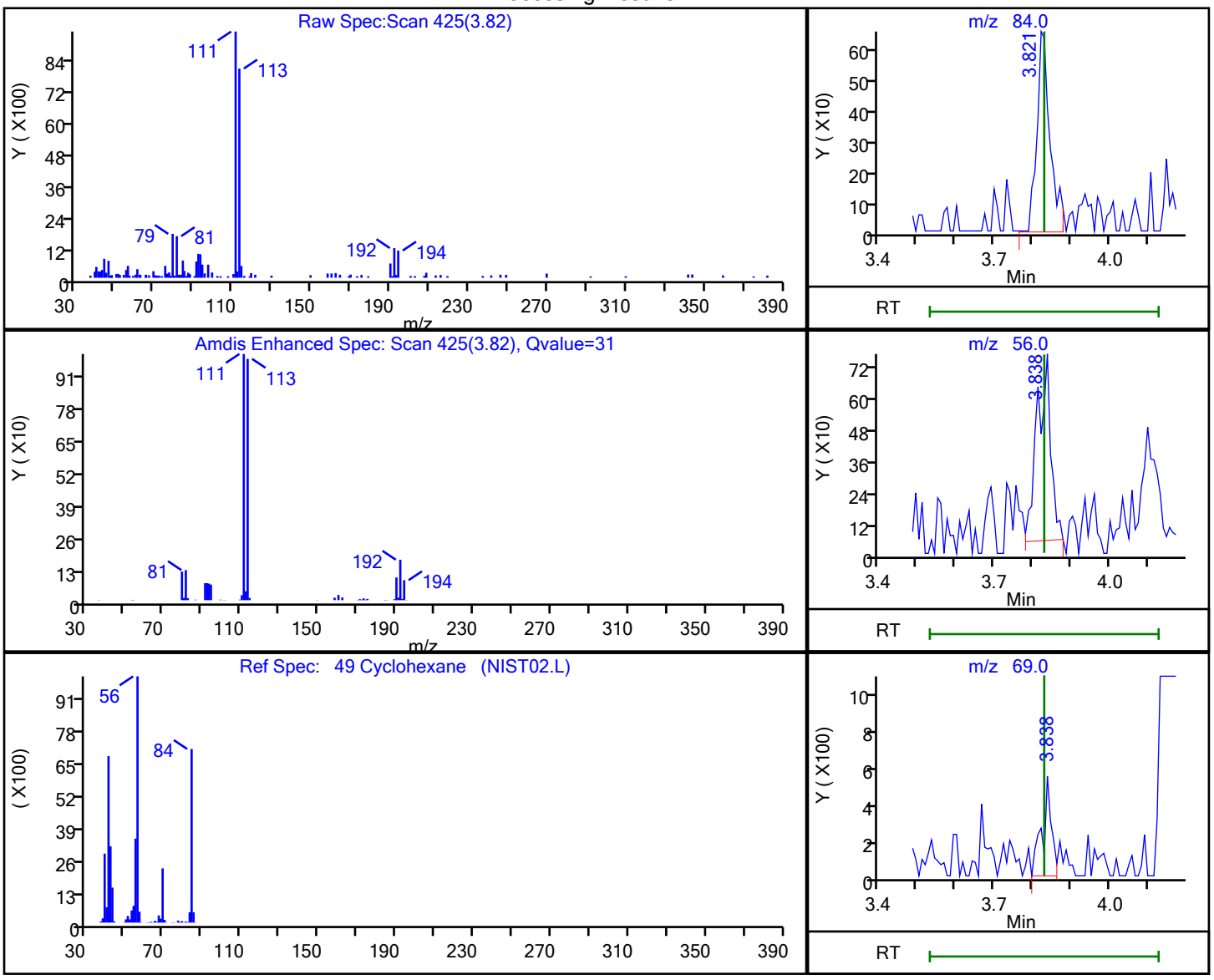
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
3.82	84.00	1564	0.200000
3.84	56.00	1791	
3.84	69.00	880	

Reviewer: HVW2, 21-Jan-2026 00:47:06 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

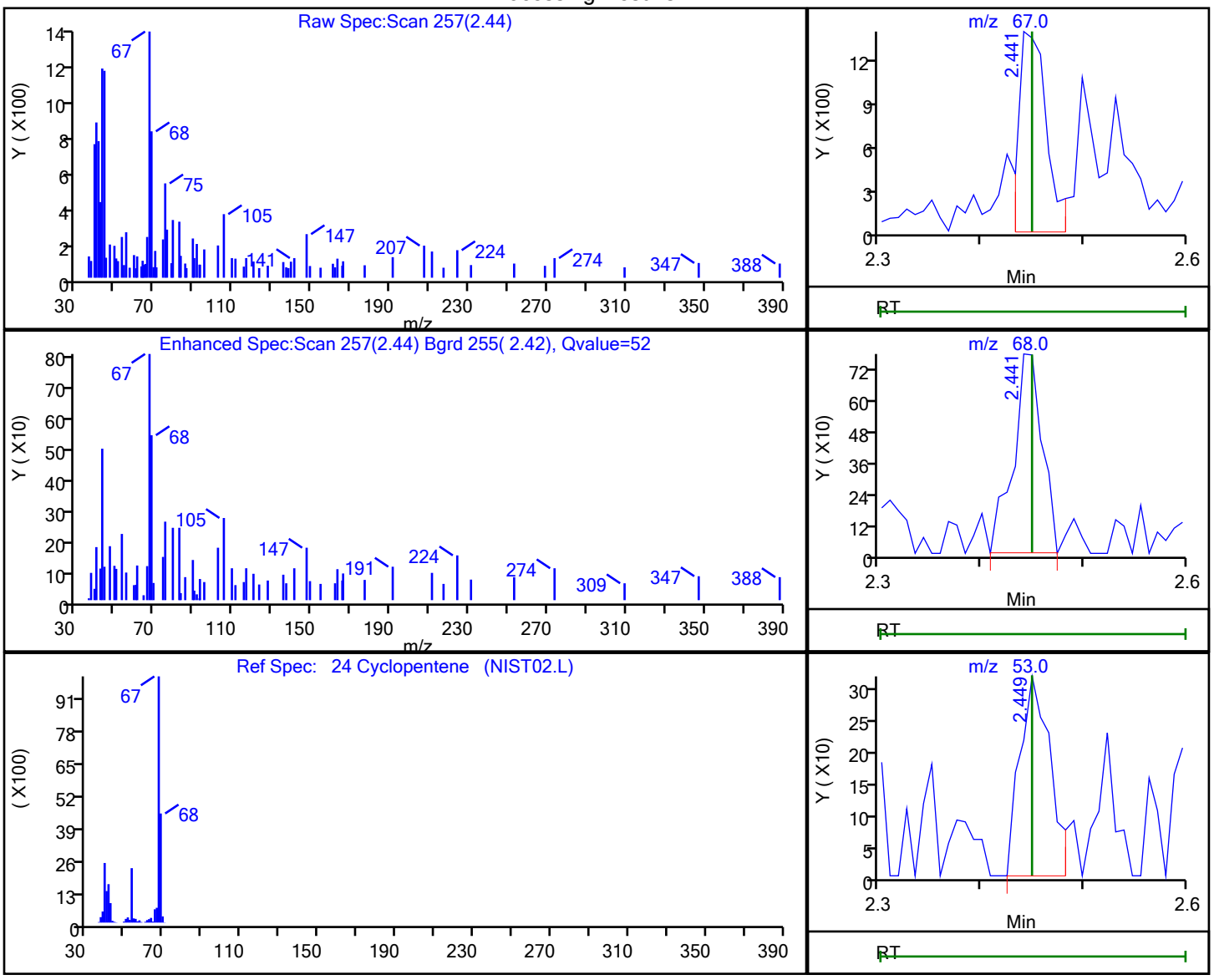
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.44	67.00	2467	0.200000
2.44	68.00	1529	
2.45	53.00	660	

Reviewer: HVW2, 21-Jan-2026 00:46:39 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

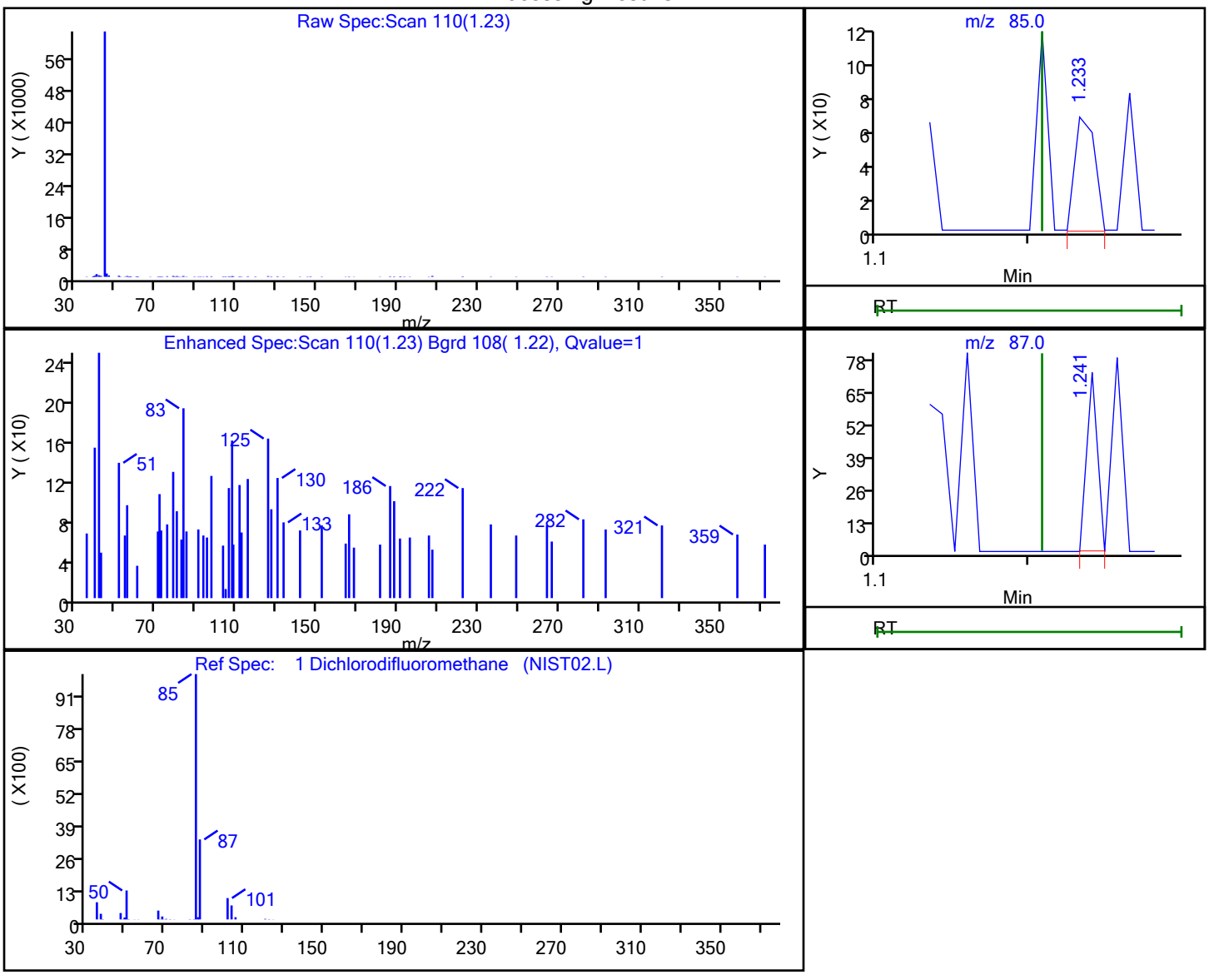
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.23	85.00	61	0.012616
1.24	87.00	36	

Reviewer: HVW2, 21-Jan-2026 00:46:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

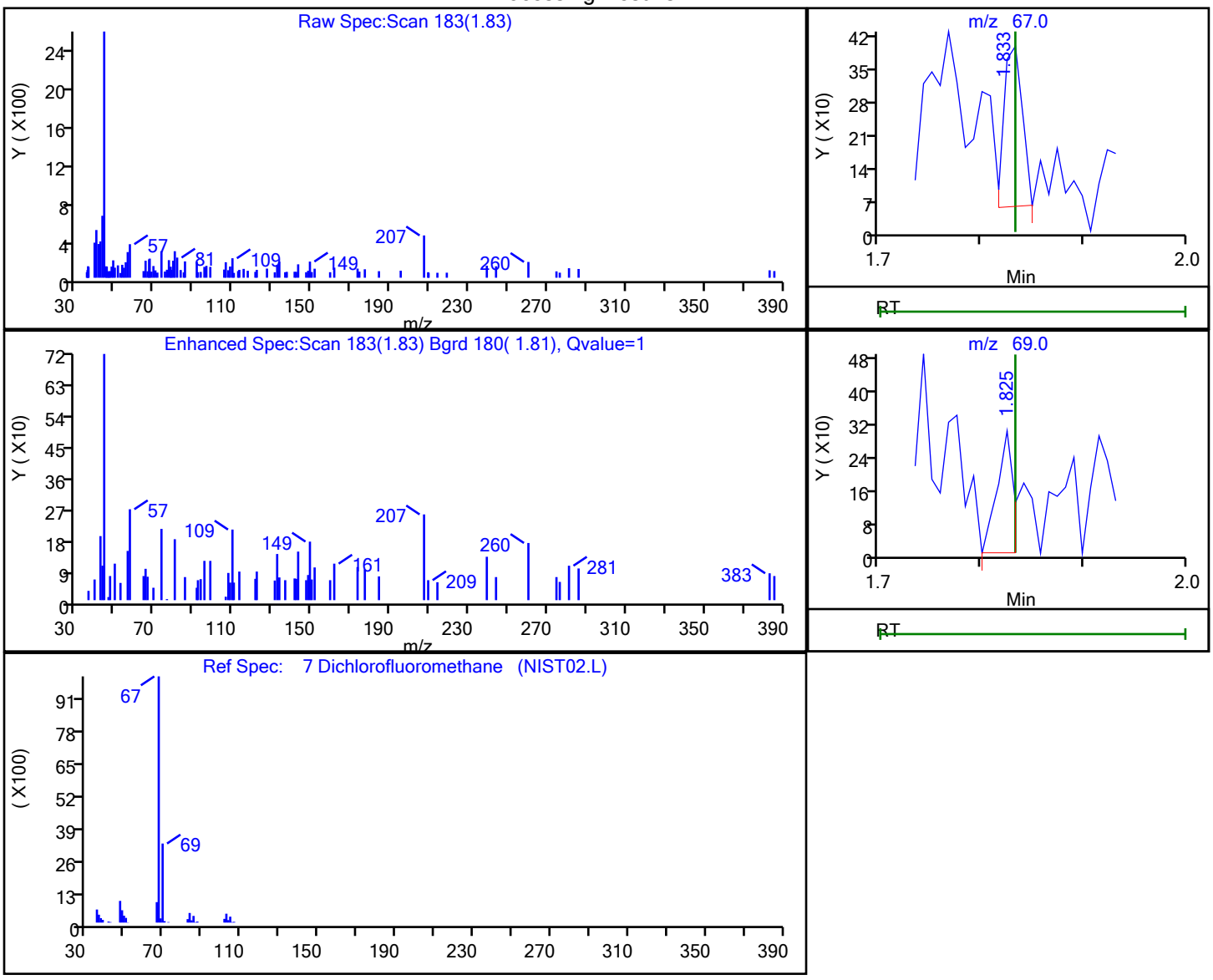
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.83	67.00	429	0.039298
1.82	69.00	332	

Reviewer: HVW2, 21-Jan-2026 00:46:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

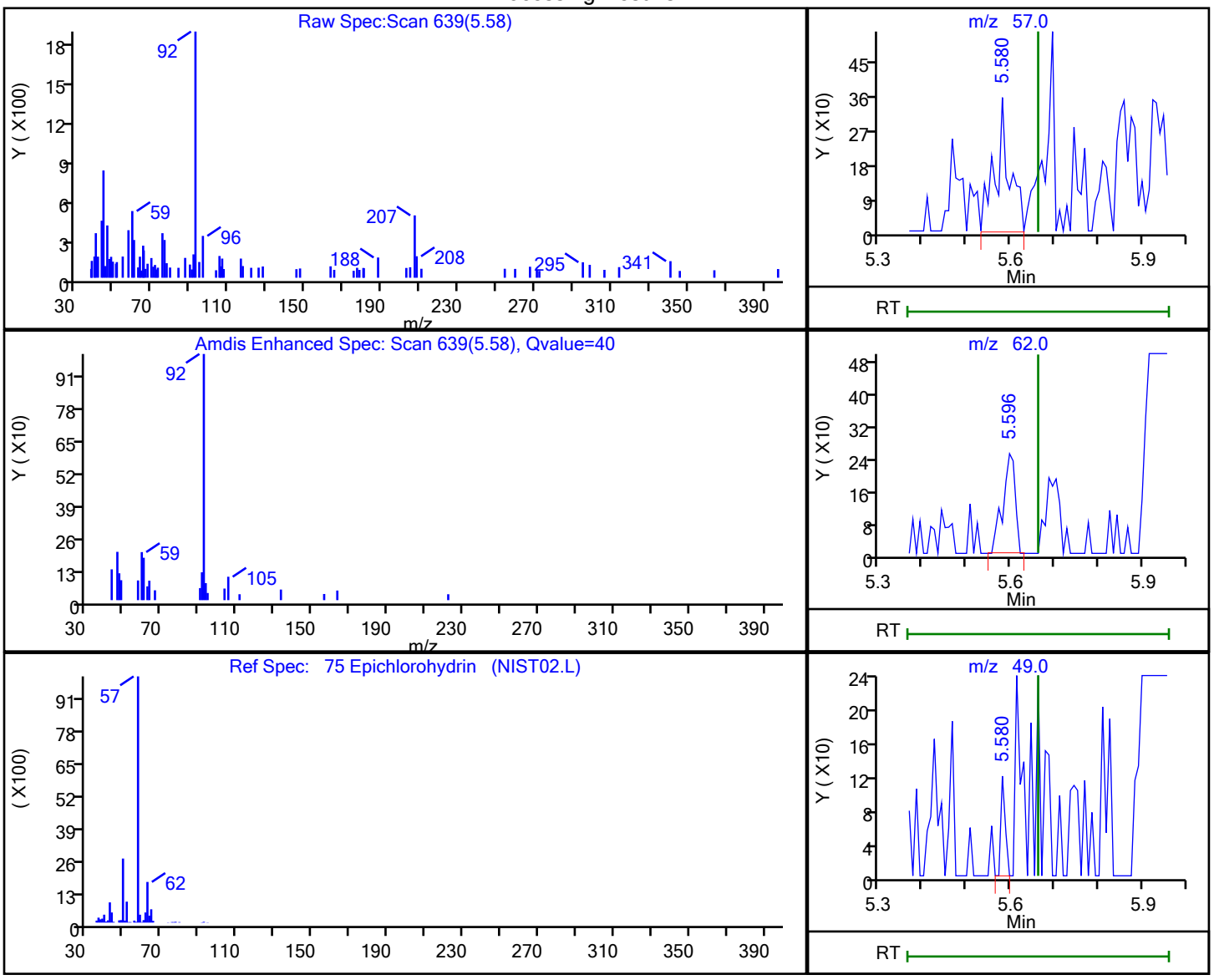
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 Epichlorohydrin, CAS: 106-89-8

Processing Results



RT	Mass	Response	Amount
5.58	57.00	784	4.519686
5.60	62.00	491	
5.58	49.00	83	

Reviewer: HVW2, 21-Jan-2026 00:47:47 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

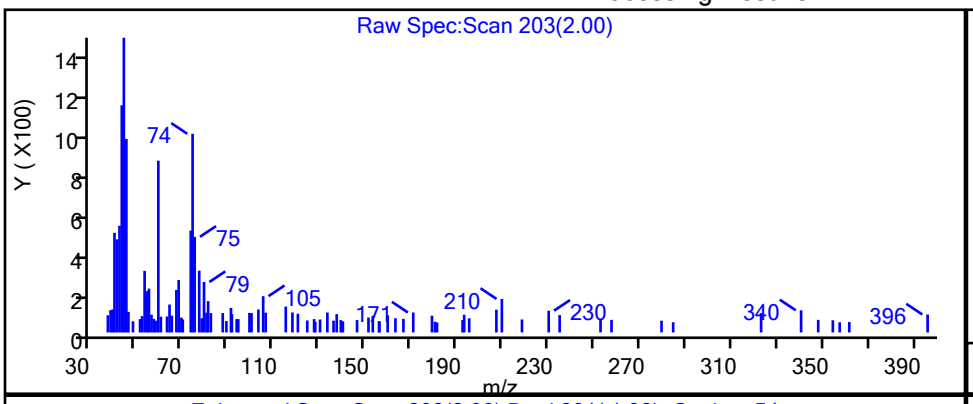
User Disabled Compound Report

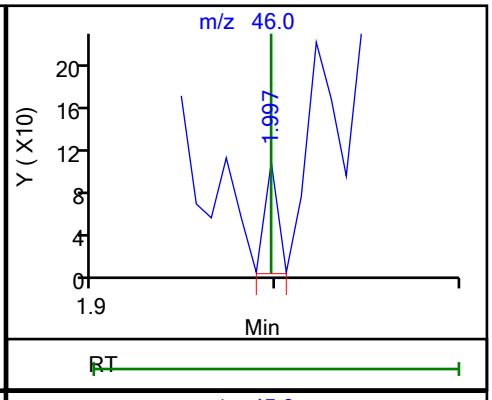
Eurofins Edison

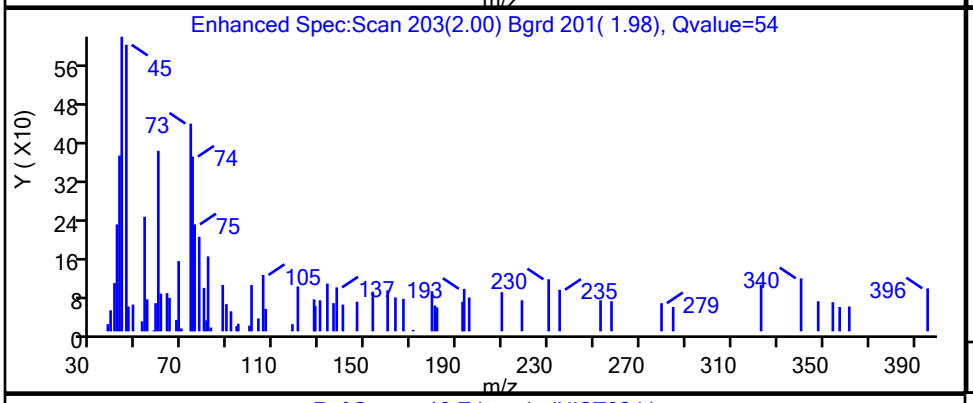
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

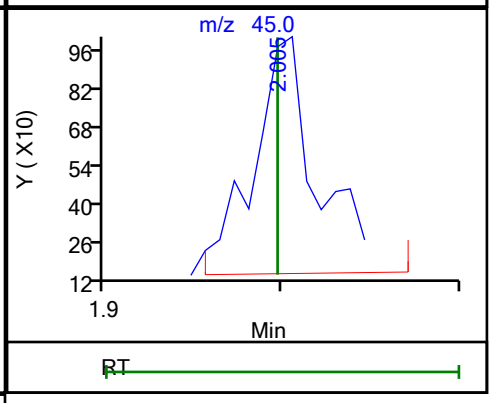
10 Ethanol, CAS: 64-17-5

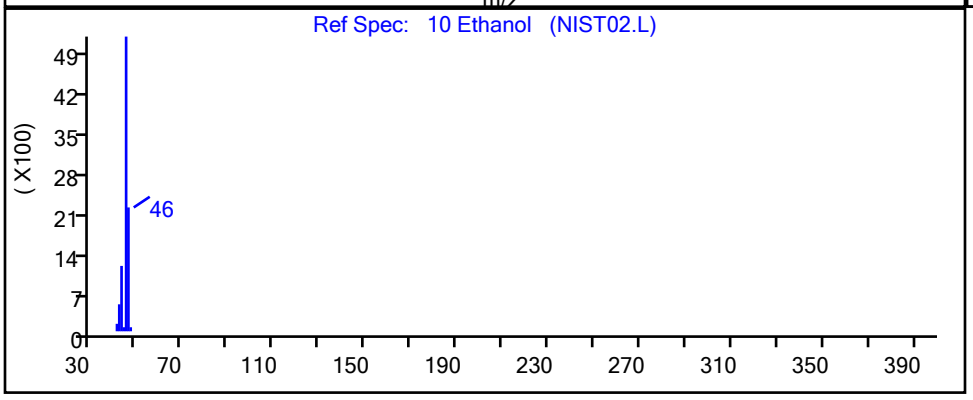
Processing Results











RT	Mass	Response	Amount
2.00	46.00	51	8.000000
2.01	45.00	2304	

Reviewer: HVW2, 21-Jan-2026 00:46:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

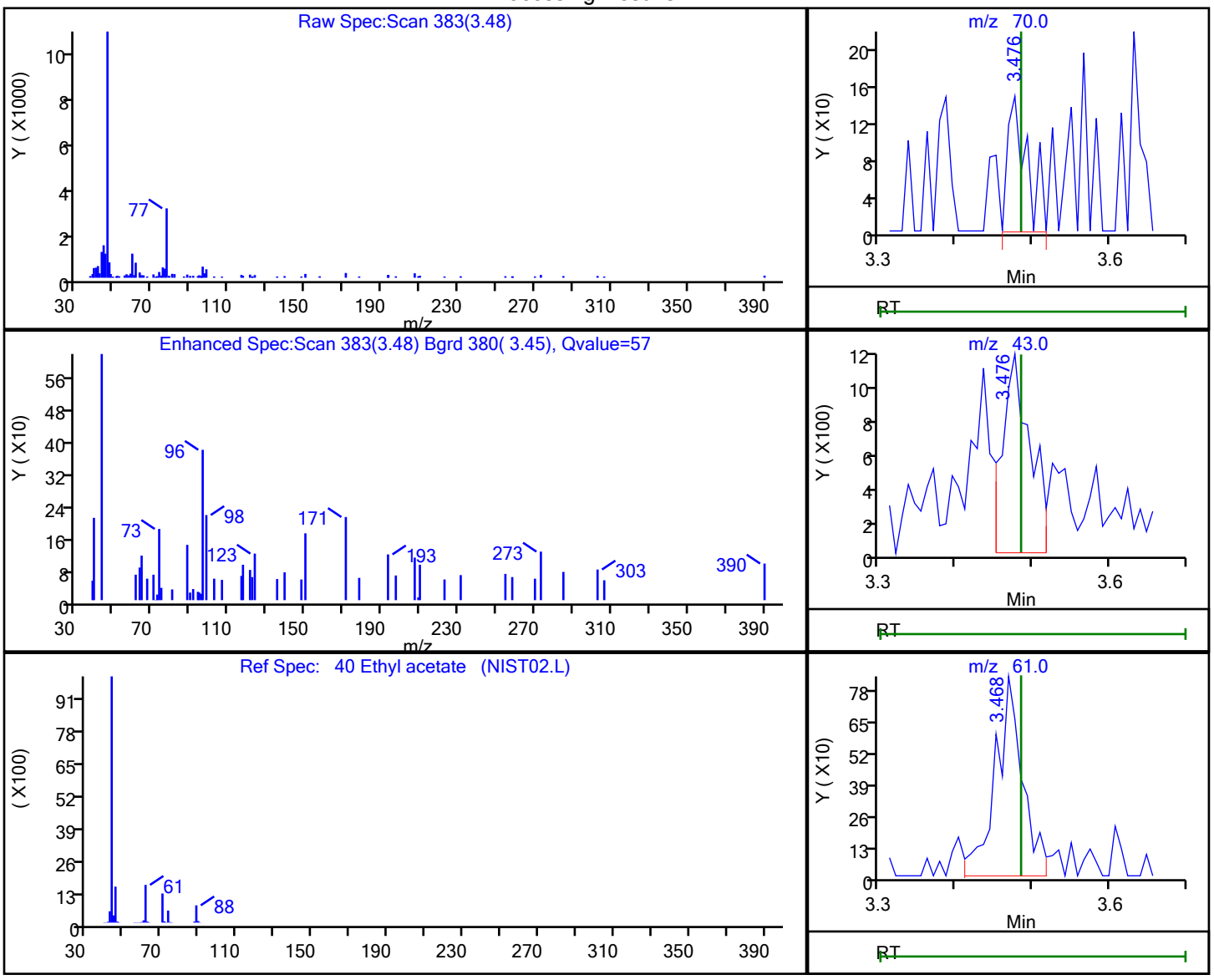
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

40 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.48	70.00	259	0.758076
3.48	43.00	2917	
3.47	61.00	2087	

Reviewer: HVW2, 21-Jan-2026 00:46:59 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

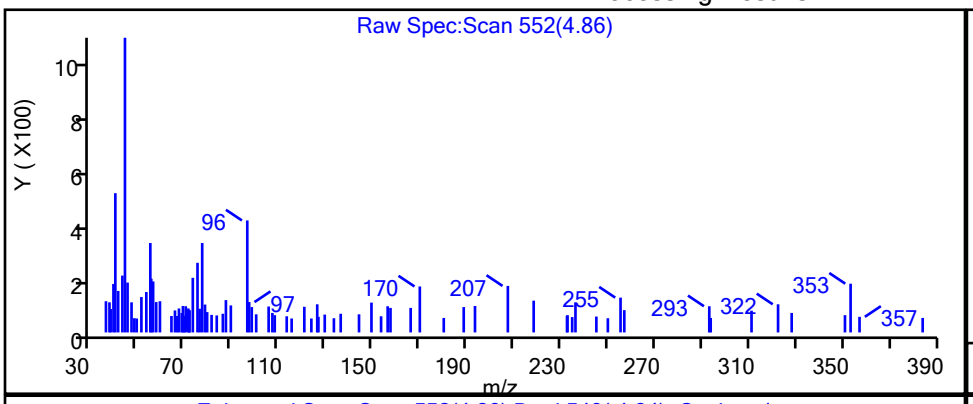
User Disabled Compound Report

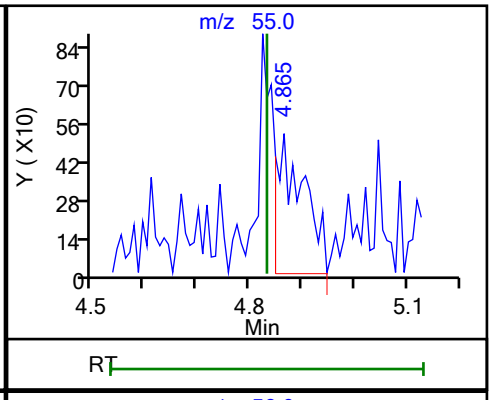
Eurofins Edison

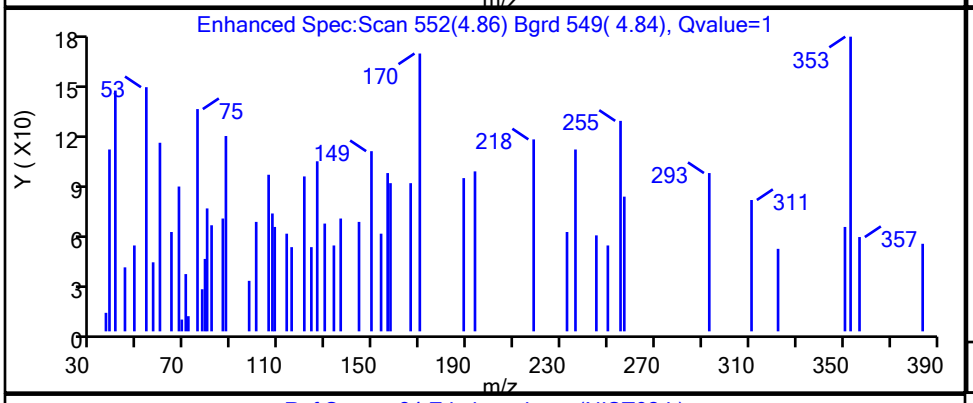
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

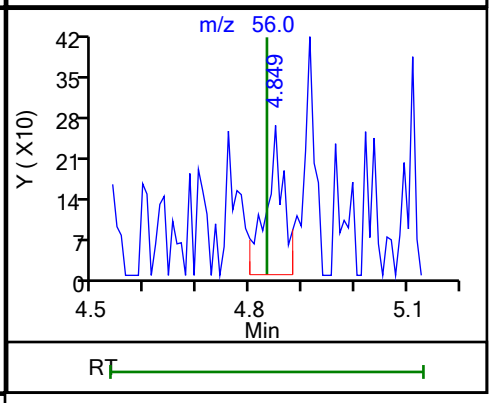
64 Ethyl acrylate, CAS: 140-88-5

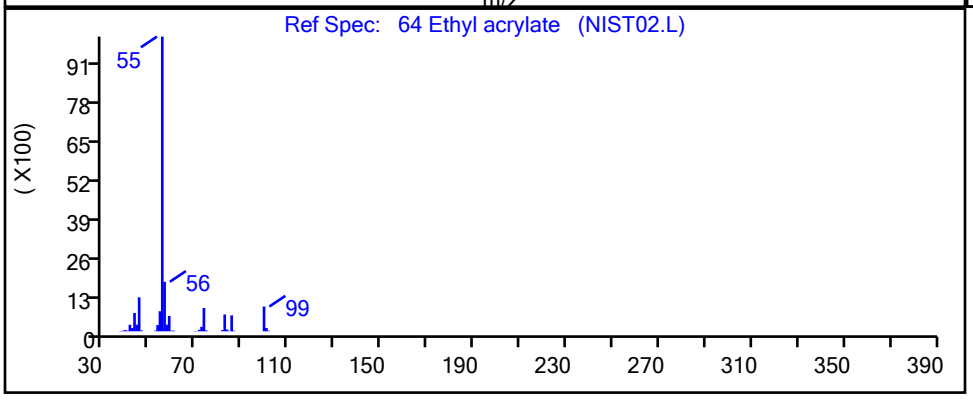
Processing Results











RT	Mass	Response	Amount
4.86	55.00	1833	0.200000
4.85	56.00	621	

Reviewer: HVW2, 21-Jan-2026 00:47:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

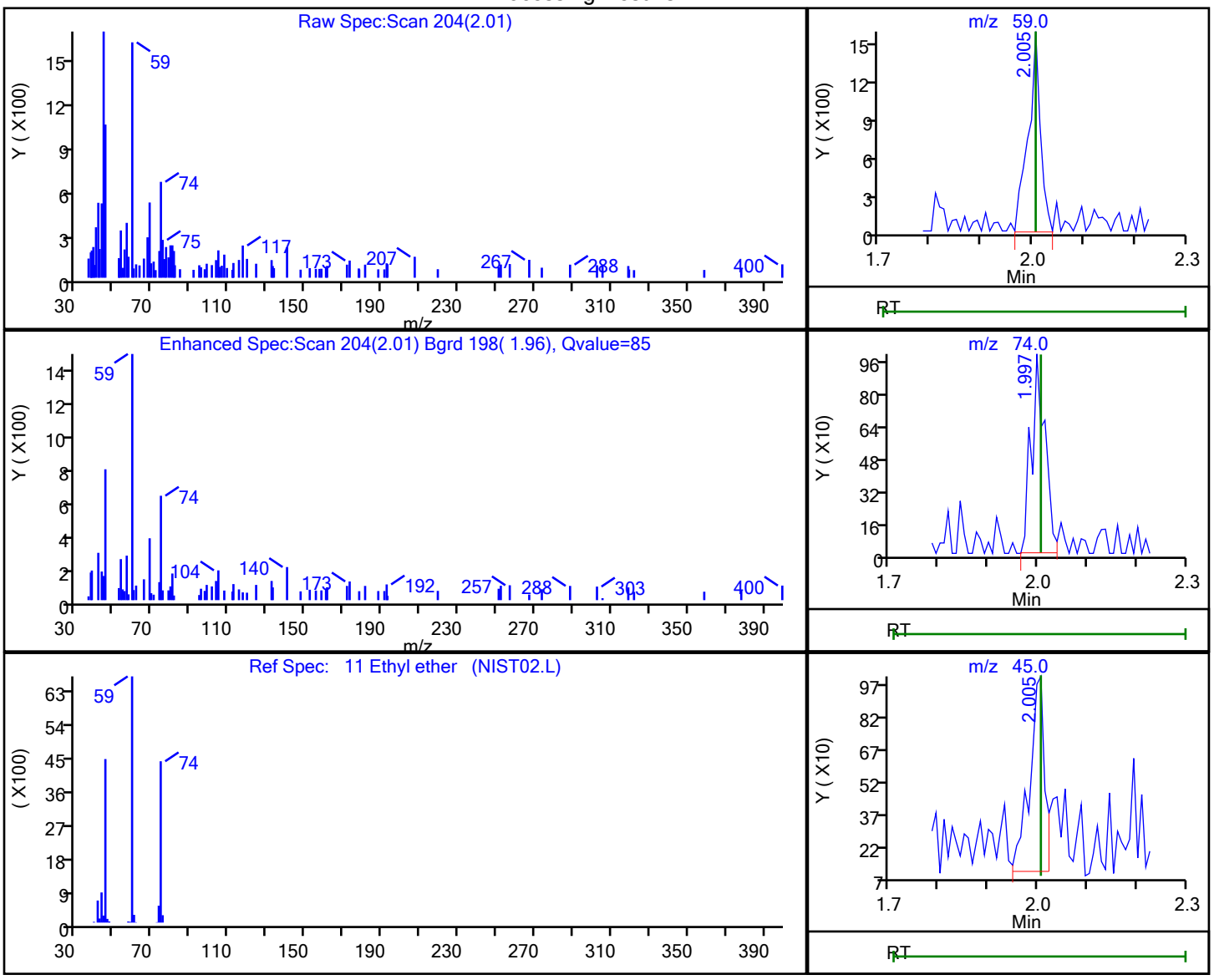
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.01	59.00	2578	0.174101
2.00	74.00	1940	
2.01	45.00	1942	

Reviewer: HVW2, 21-Jan-2026 00:46:20 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

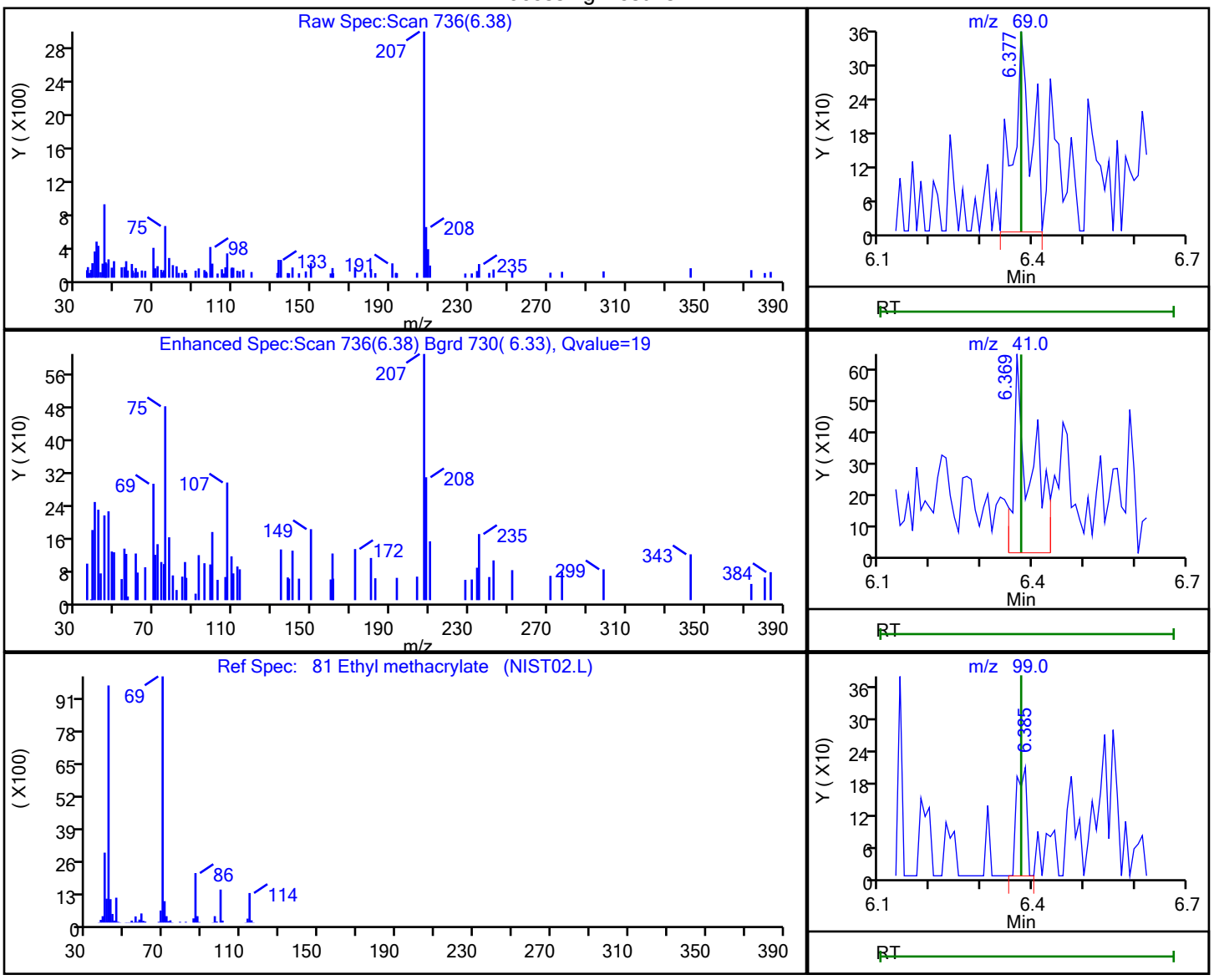
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

81 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
6.38	69.00	849	0.200000
6.37	41.00	1477	
6.39	99.00	277	

Reviewer: HVW2, 21-Jan-2026 00:48:10 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

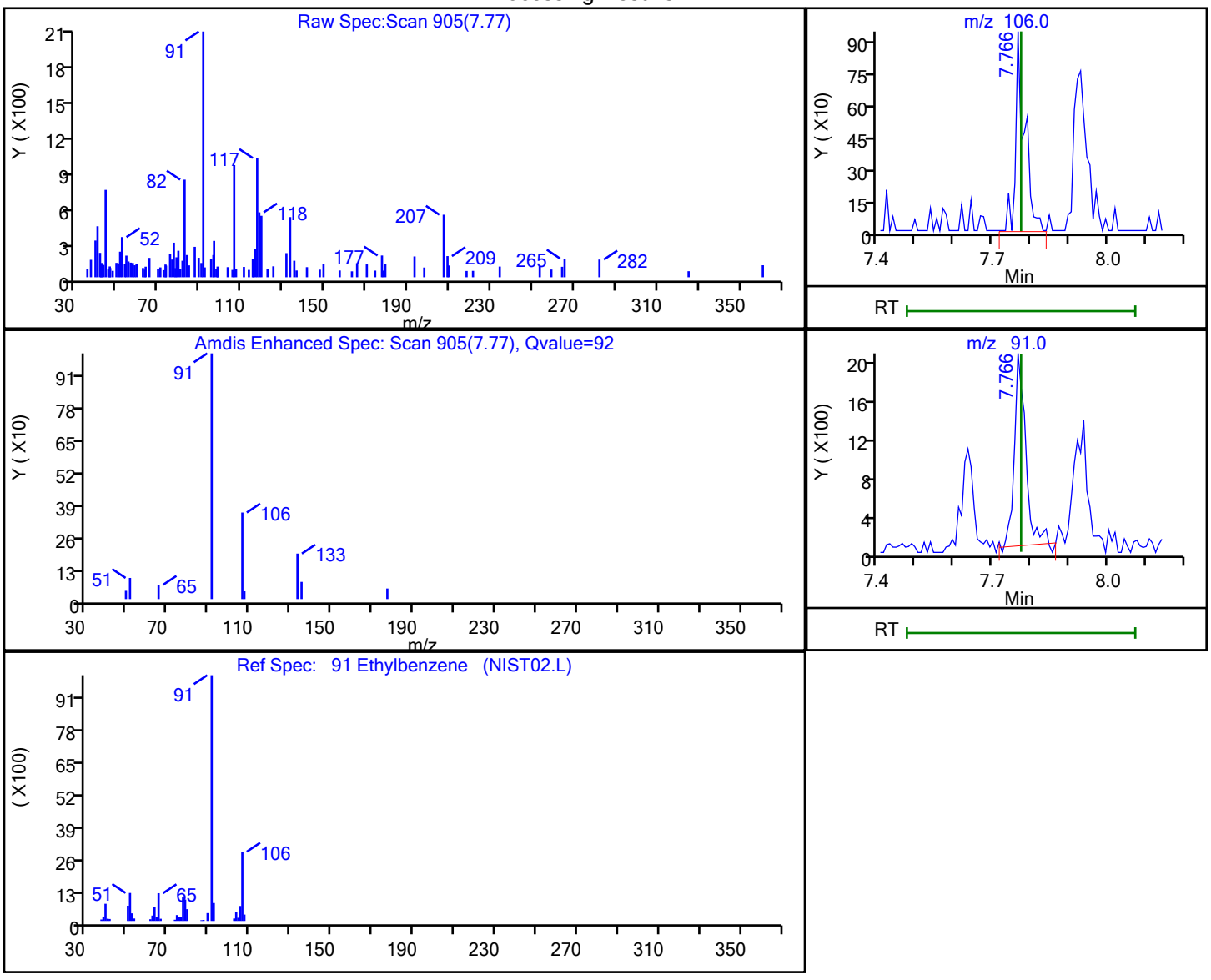
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

91 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
7.77	106.00	1540	0.200000
7.77	91.00	4096	

Reviewer: HVW2, 21-Jan-2026 00:48:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

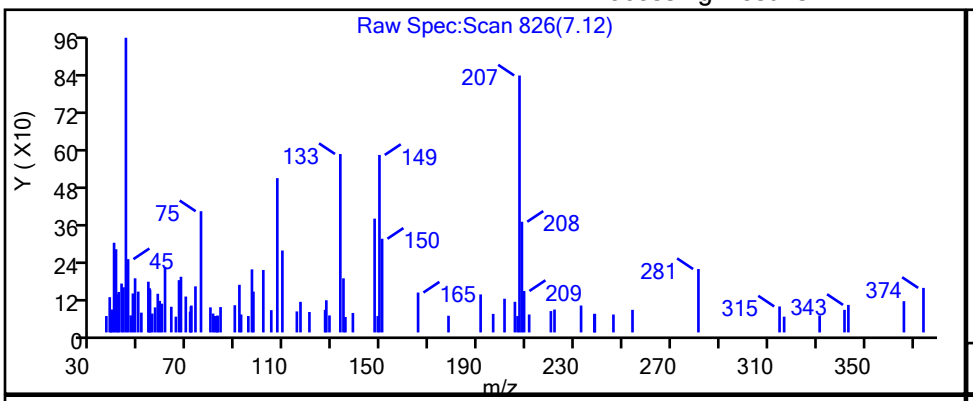
User Disabled Compound Report

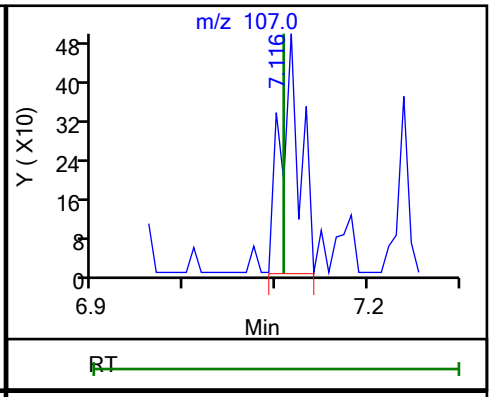
Eurofins Edison

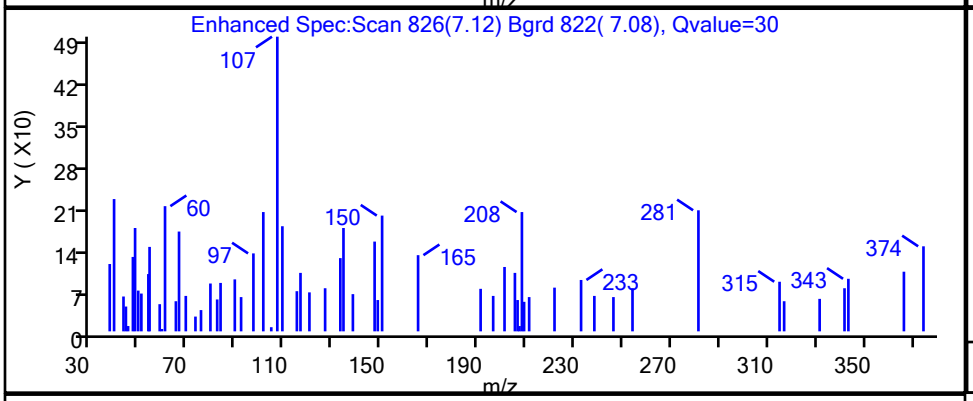
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D				
Injection Date:	21-Jan-2026 00:00:30	Instrument ID:	CVOAMS6		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

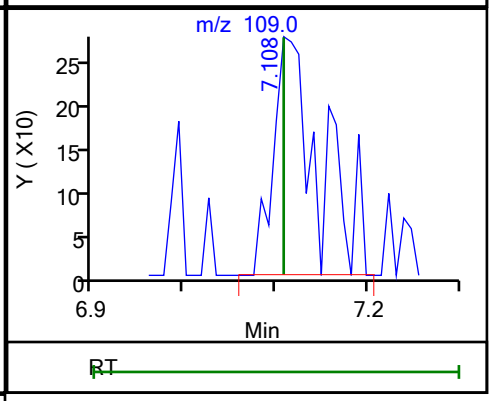
88 Ethylene Dibromide, CAS: 106-93-4

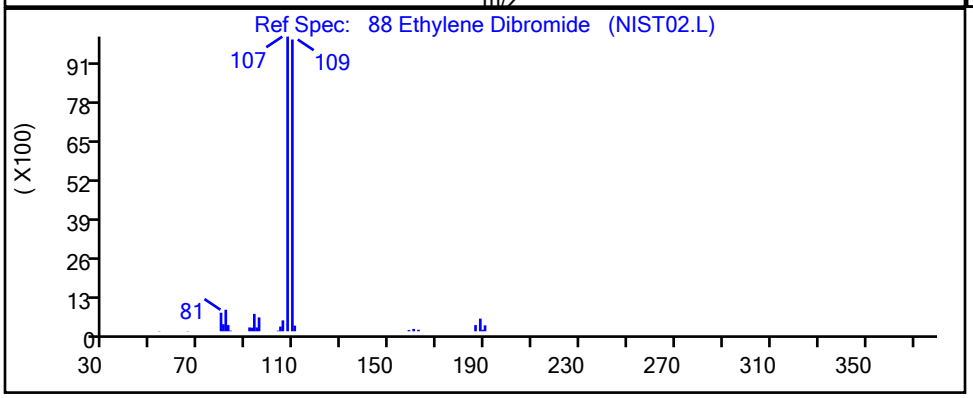
Processing Results











RT	Mass	Response	Amount
7.12	107.00	731	0.200000
7.11	109.00	960	

Reviewer: HVW2, 21-Jan-2026 00:48:28 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

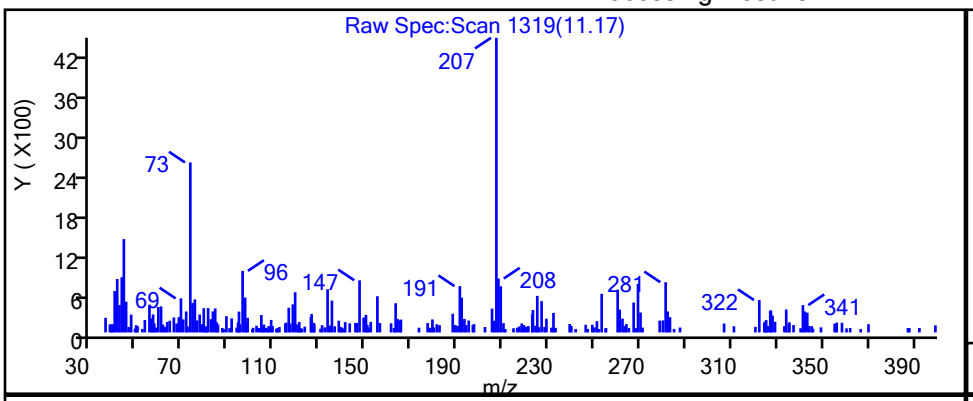
User Disabled Compound Report

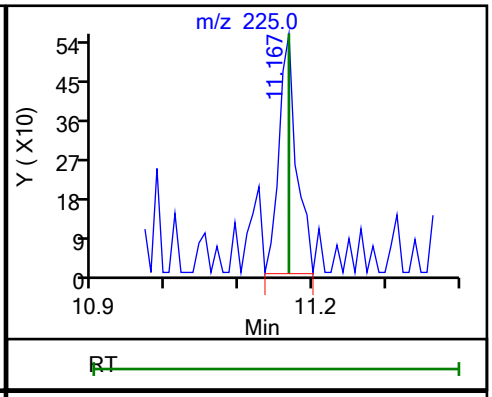
Eurofins Edison

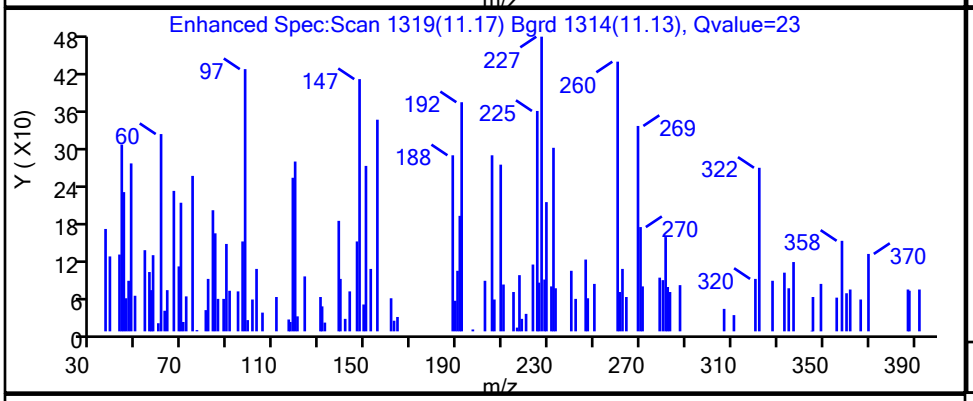
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

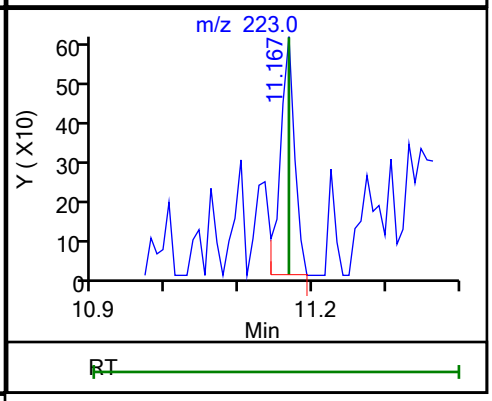
128 Hexachlorobutadiene, CAS: 87-68-3

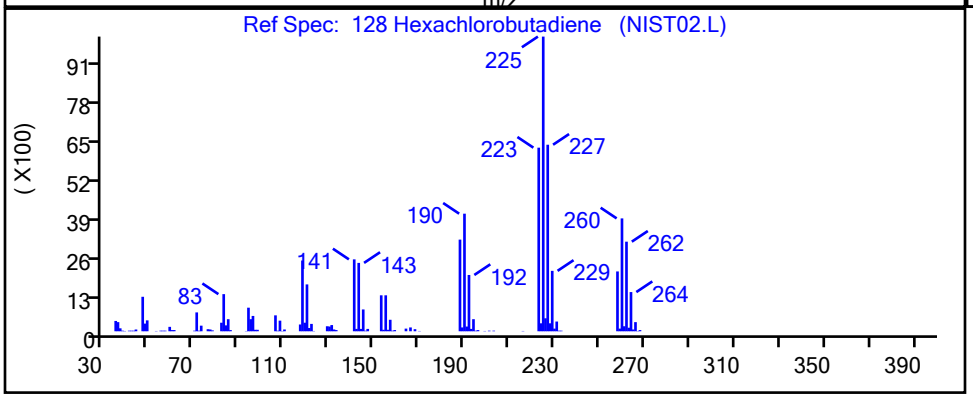
Processing Results











RT	Mass	Response	Amount
11.17	225.00	905	0.200000
11.17	223.00	828	

Reviewer: HVW2, 21-Jan-2026 00:49:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

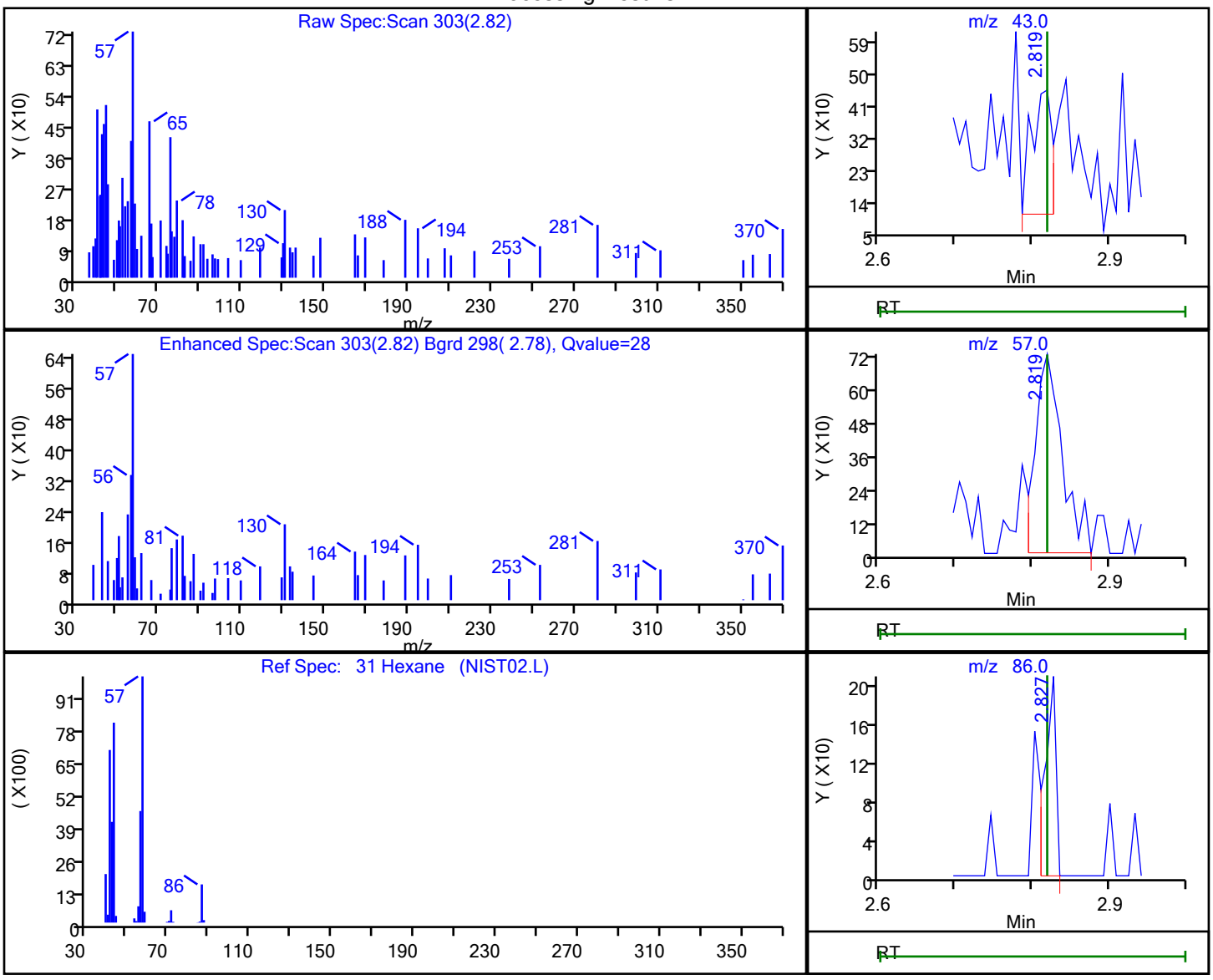
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.82	43.00	664	0.349364
2.82	57.00	1791	
2.83	86.00	204	
2.82	56.00	737	

Reviewer: HVW2, 21-Jan-2026 00:46:47 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

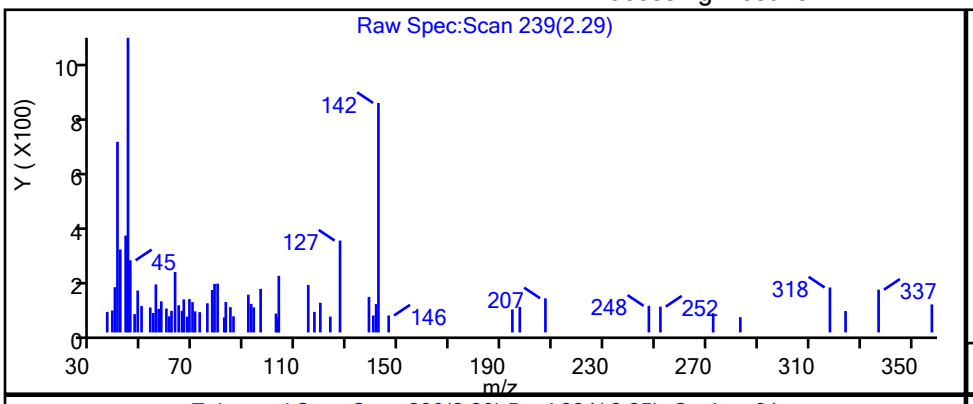
User Disabled Compound Report

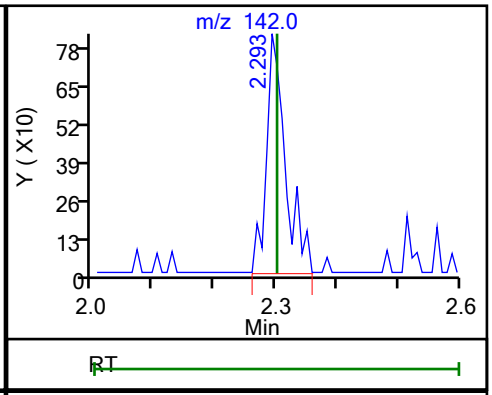
Eurofins Edison

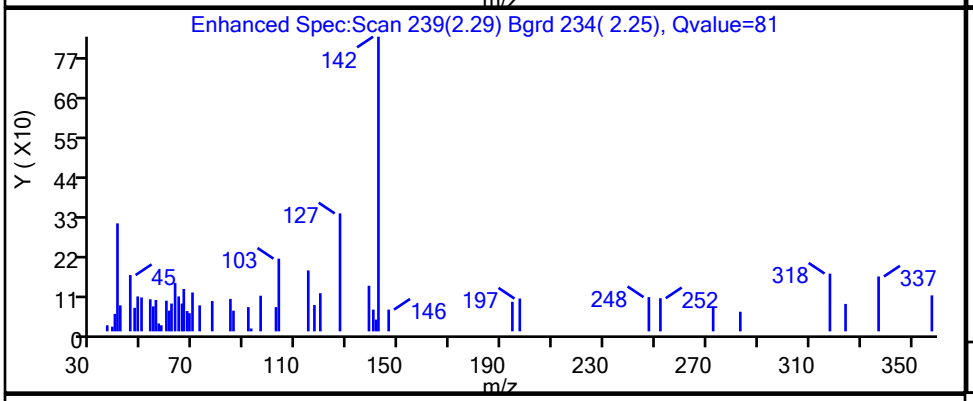
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

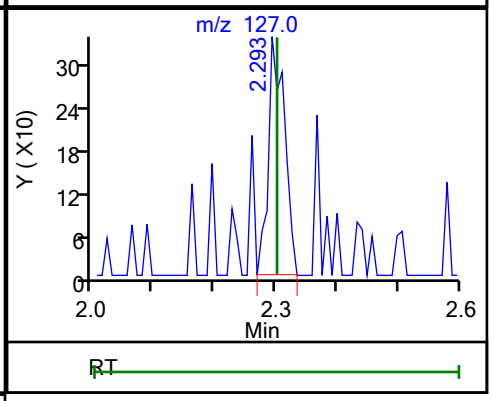
20 Iodomethane, CAS: 74-88-4

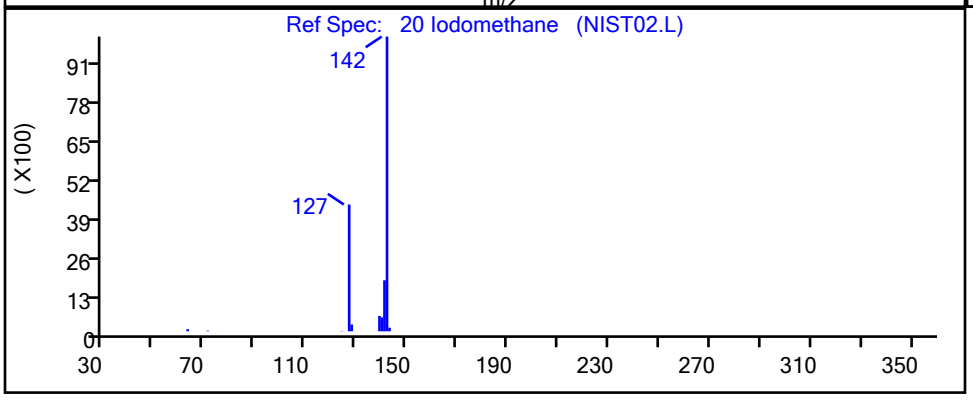
Processing Results











RT	Mass	Response	Amount
2.29	142.00	1787	0.200000
2.29	127.00	611	

Reviewer: HVW2, 21-Jan-2026 00:46:31 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

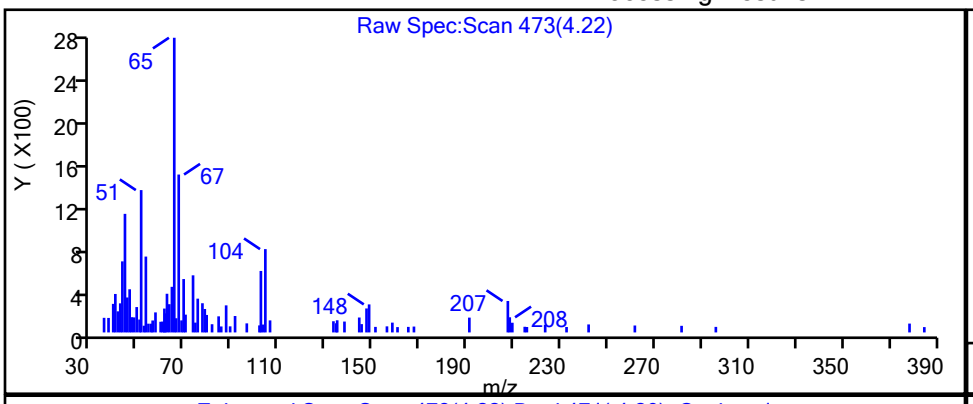
User Disabled Compound Report

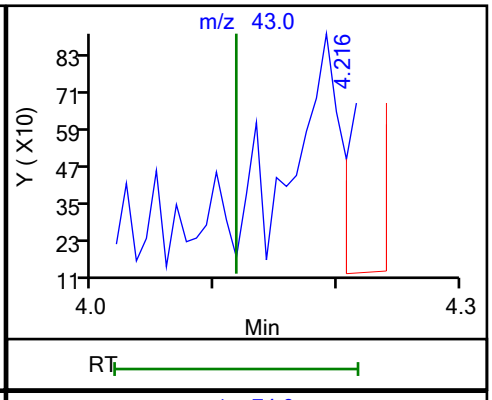
Eurofins Edison

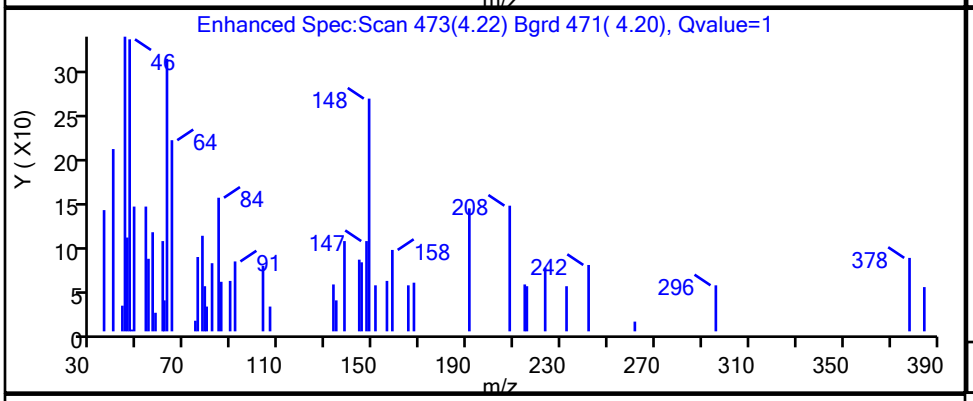
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

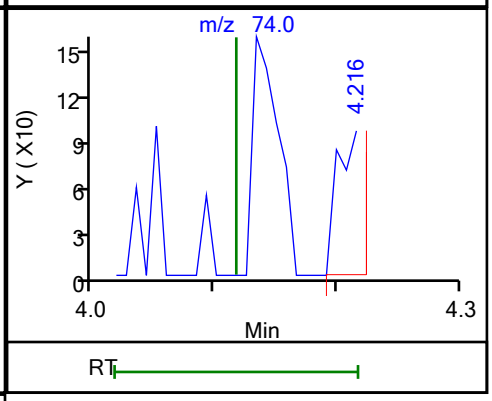
54 Isobutyl alcohol, CAS: 78-83-1

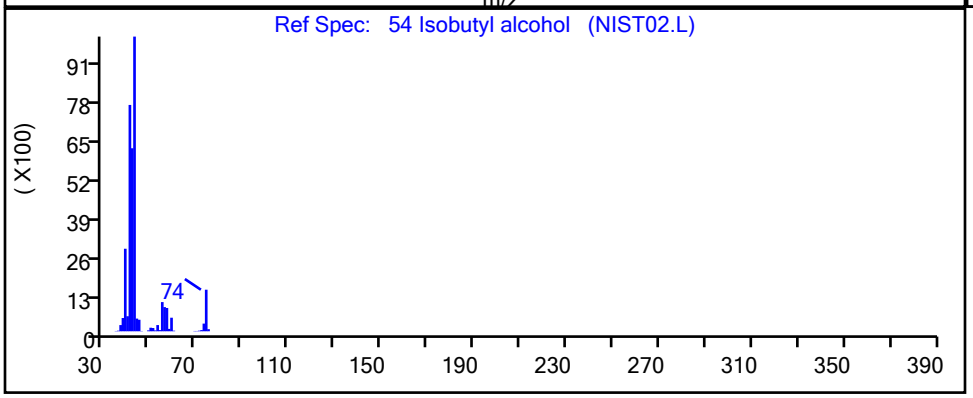
Processing Results











RT	Mass	Response	Amount
4.22	43.00	668	5.000000
4.22	74.00	118	

Reviewer: HVW2, 21-Jan-2026 00:47:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

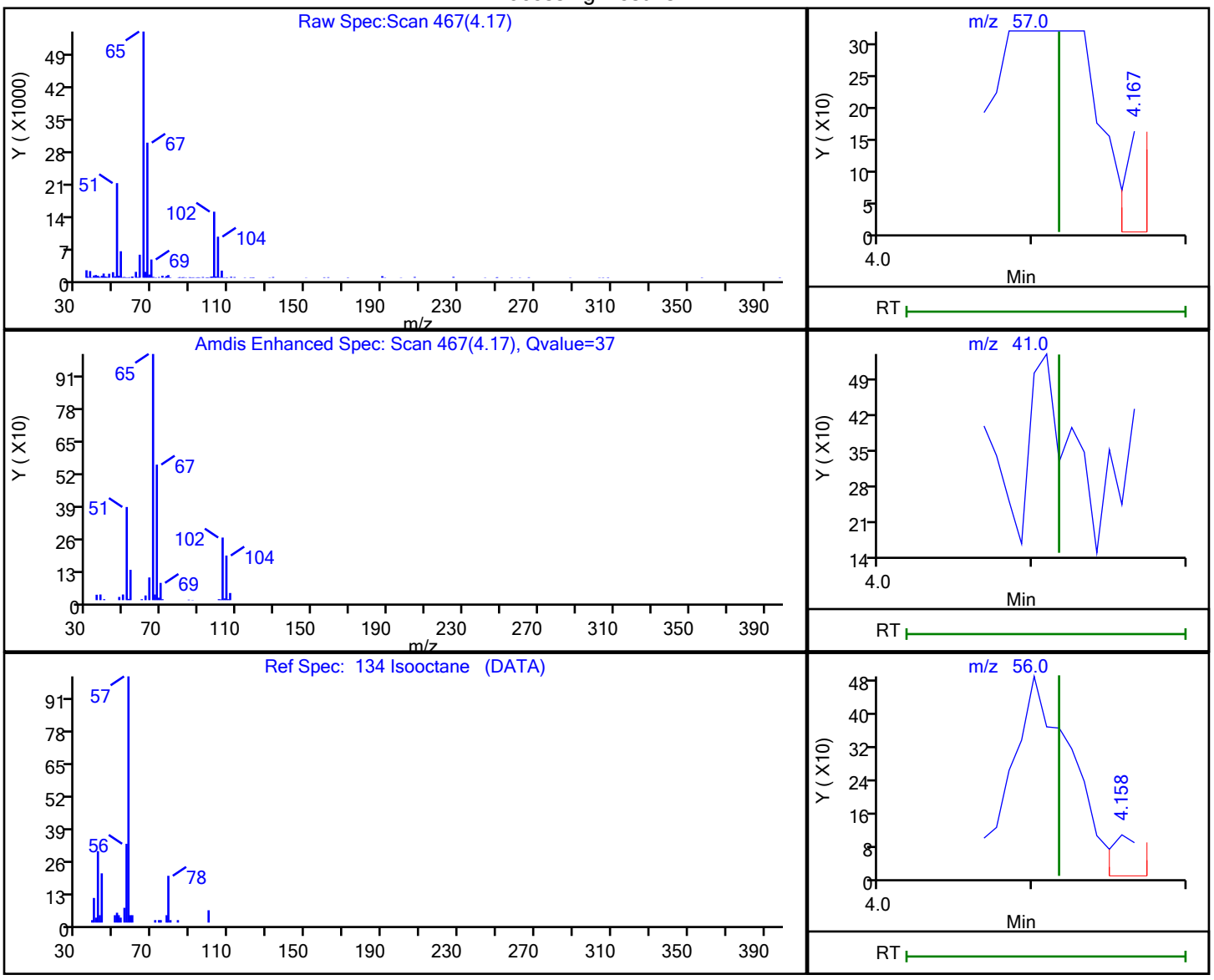
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.17	57.00	149	0.200000
4.17	41.00	631	
4.16	56.00	155	

Reviewer: HVW2, 21-Jan-2026 00:47:20 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

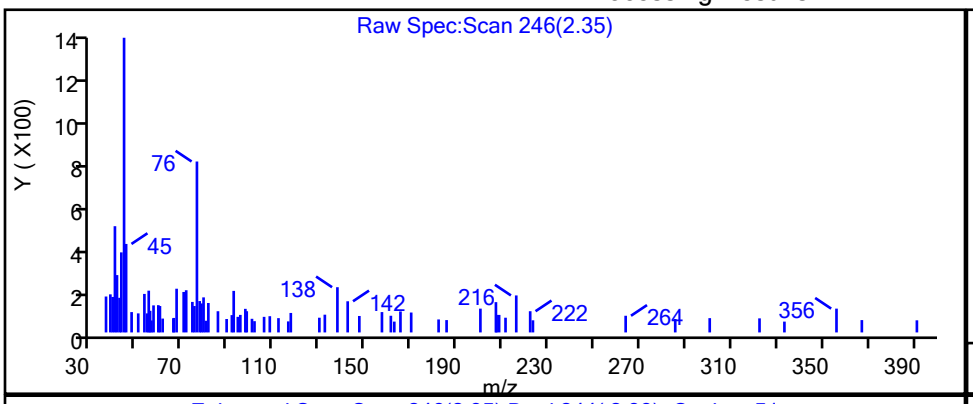
User Disabled Compound Report

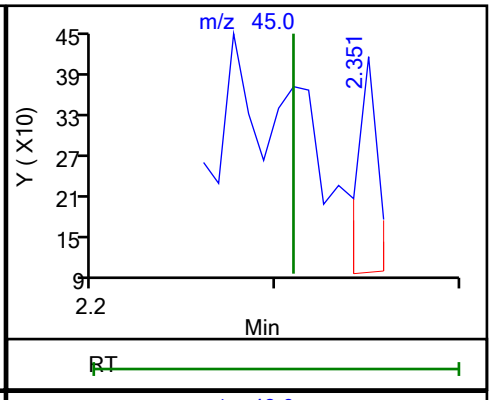
Eurofins Edison

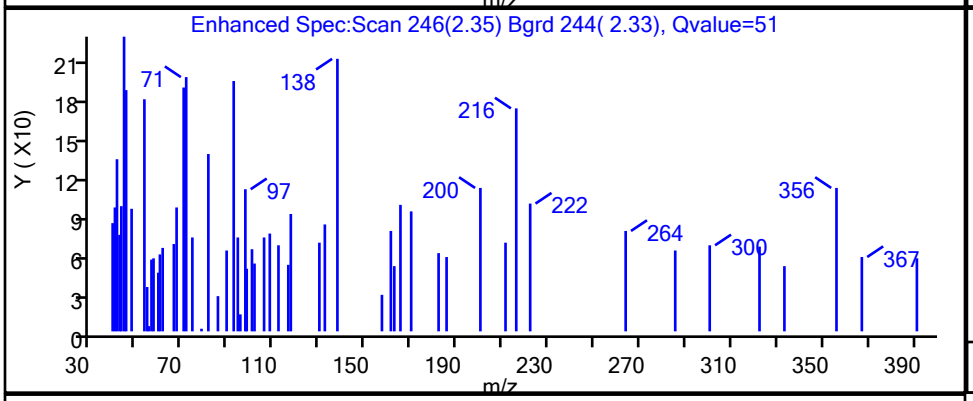
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

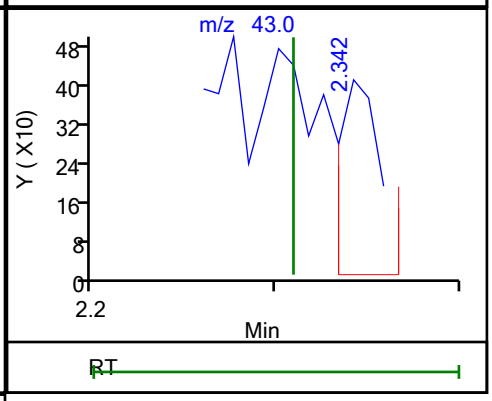
19 Isopropyl alcohol, CAS: 67-63-0

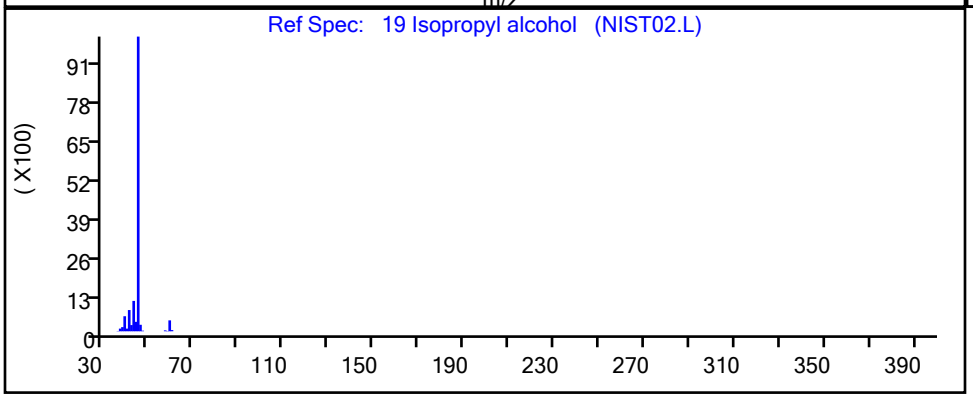
Processing Results











RT	Mass	Response	Amount
2.35	45.00	242	1.710897
2.34	43.00	610	

Reviewer: HVW2, 21-Jan-2026 00:46:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

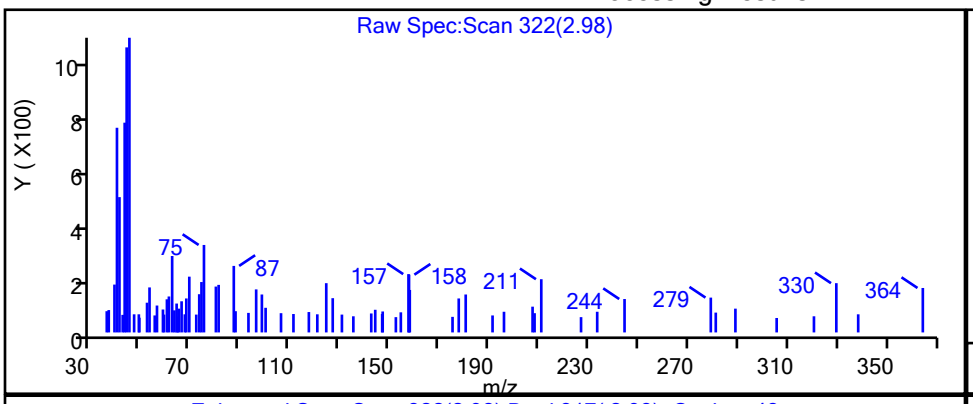
User Disabled Compound Report

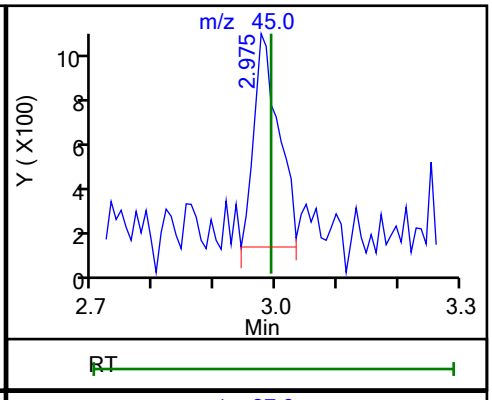
Eurofins Edison

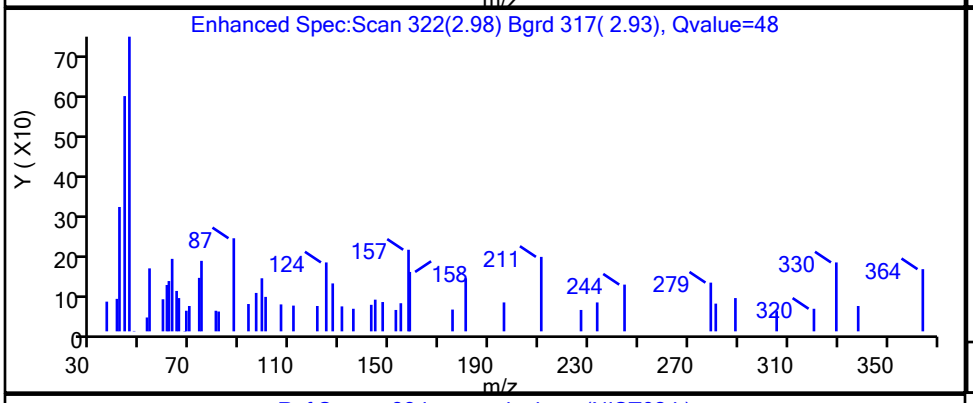
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

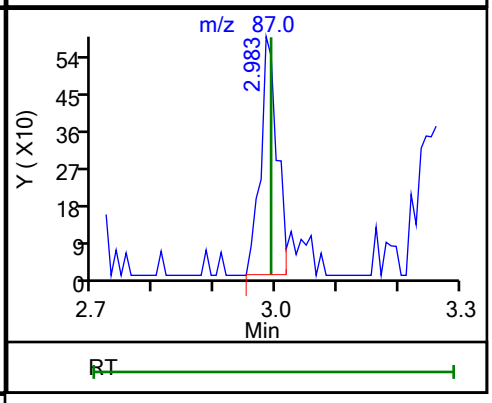
33 Isopropyl ether, CAS: 108-20-3

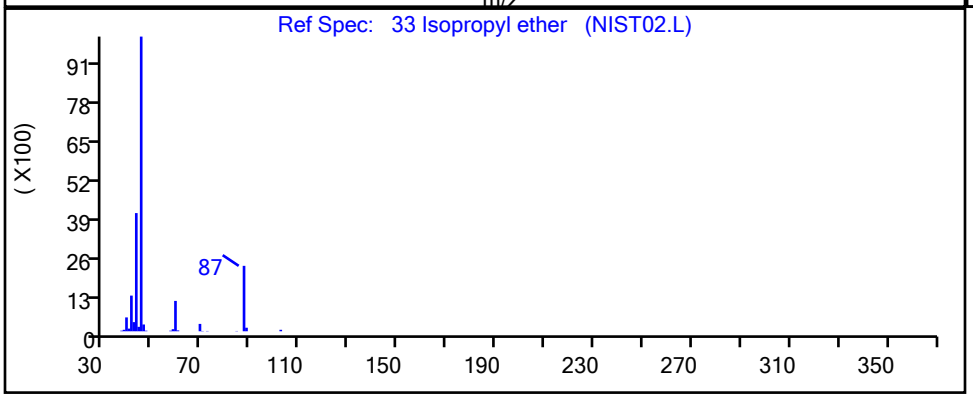
Processing Results











RT	Mass	Response	Amount
2.98	45.00	2618	0.200000
2.98	87.00	1104	

Reviewer: HVW2, 21-Jan-2026 00:46:48 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

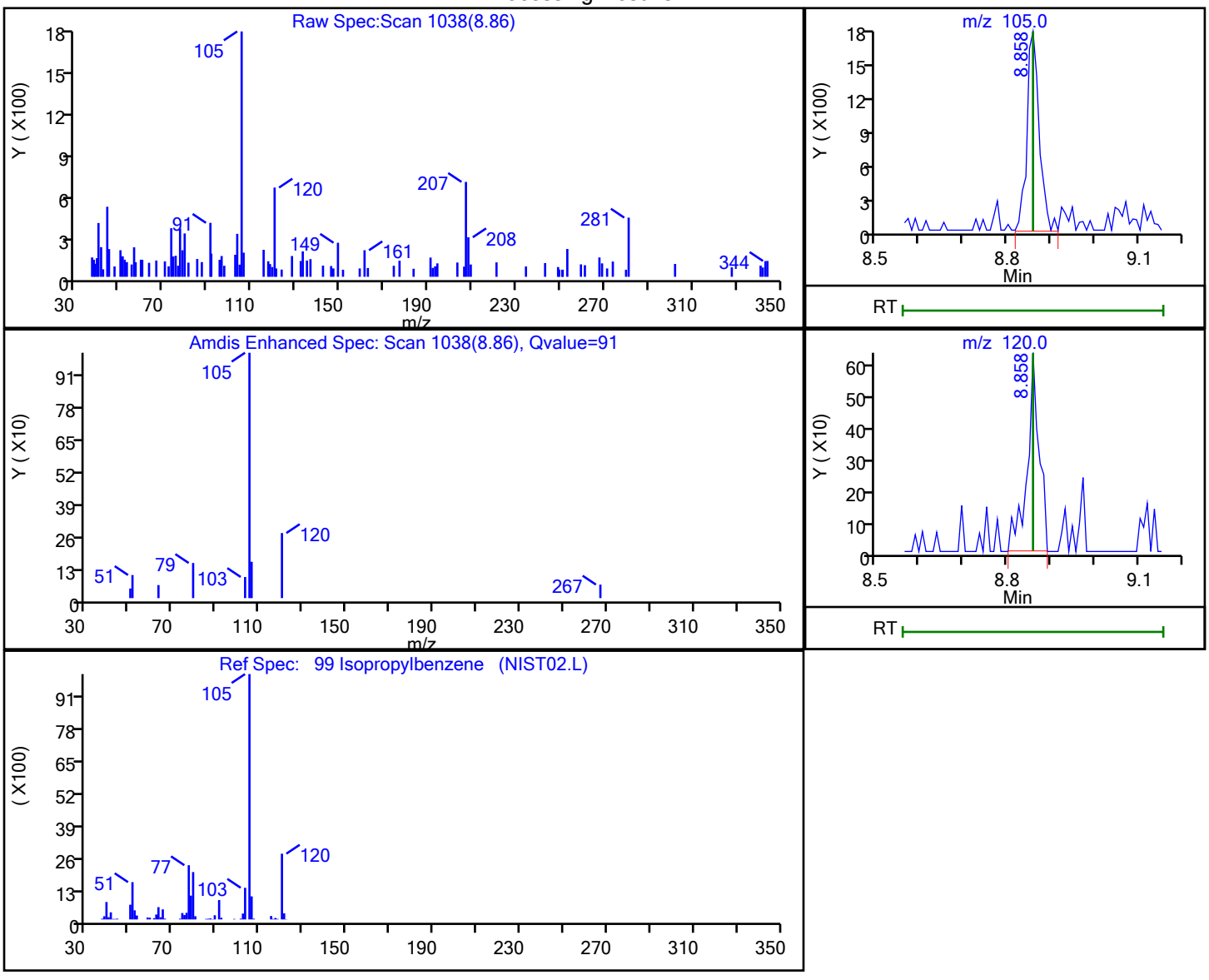
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

99 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
8.86	105.00	3397	0.200000
8.86	120.00	1212	

Reviewer: HVW2, 21-Jan-2026 00:48:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

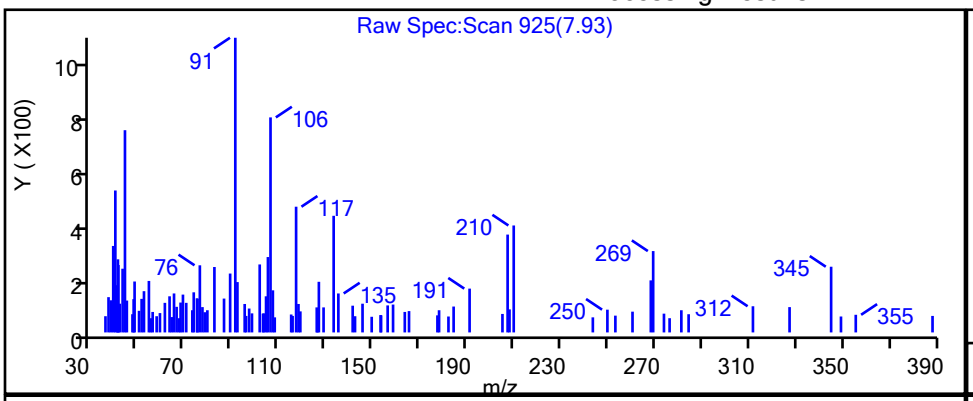
User Disabled Compound Report

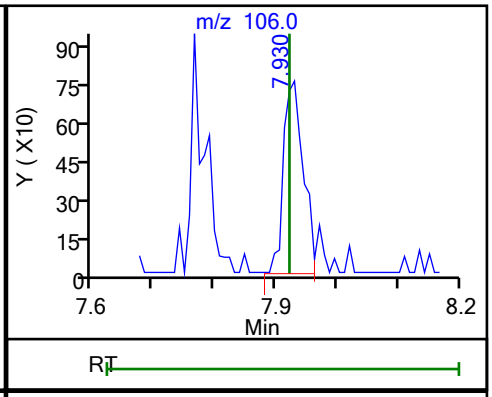
Eurofins Edison

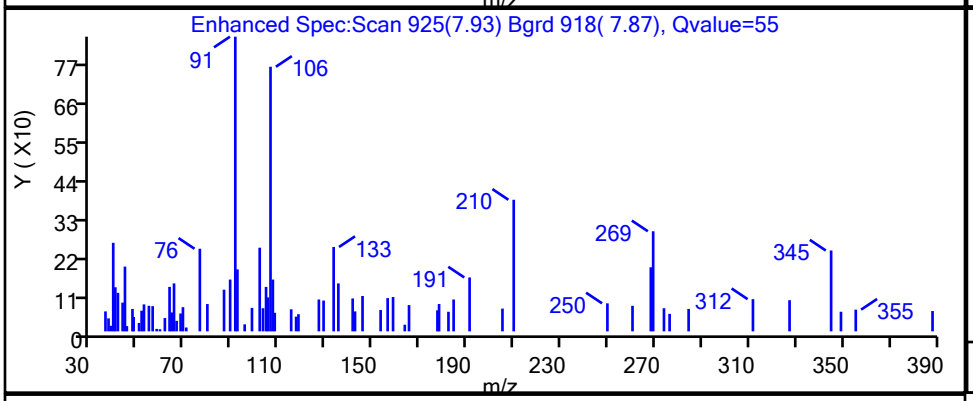
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

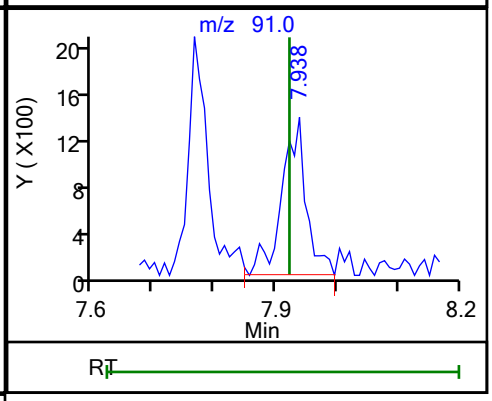
93 m-Xylene & p-Xylene, CAS: 179601-23-1

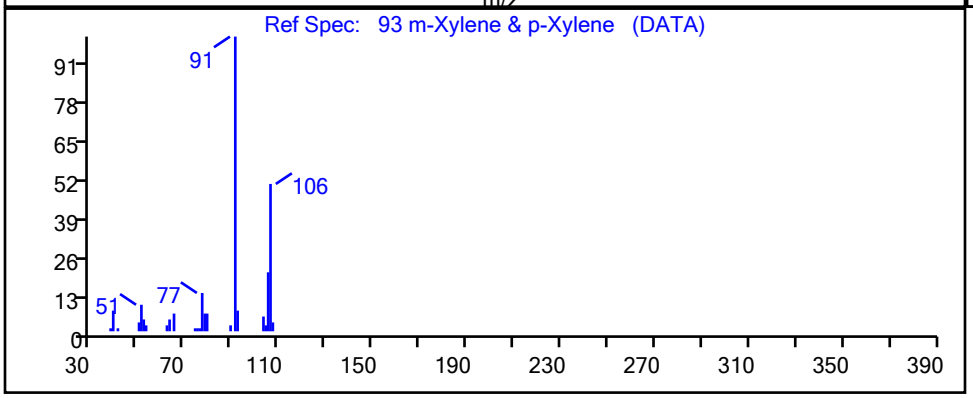
Processing Results











RT	Mass	Response	Amount
7.93	106.00	1706	0.200000
7.94	91.00	3835	

Reviewer: HVW2, 21-Jan-2026 00:48:35 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

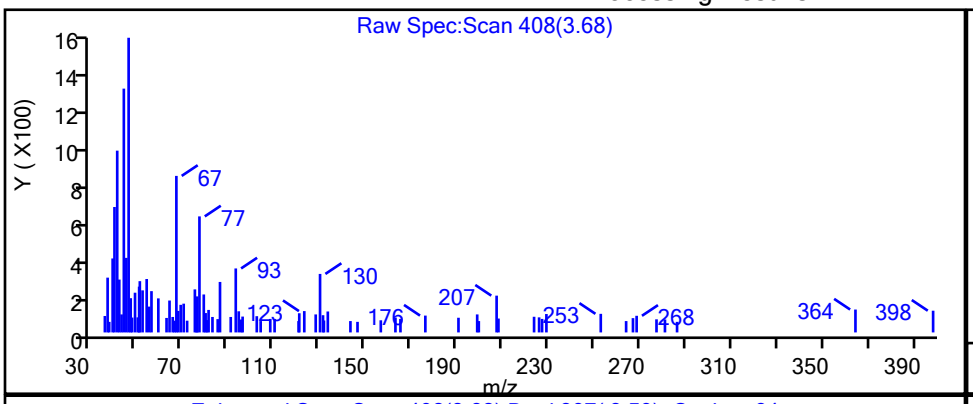
User Disabled Compound Report

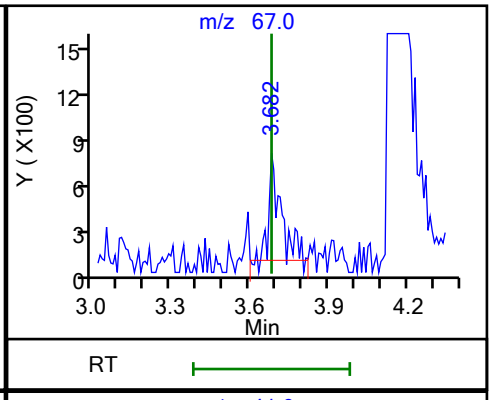
Eurofins Edison

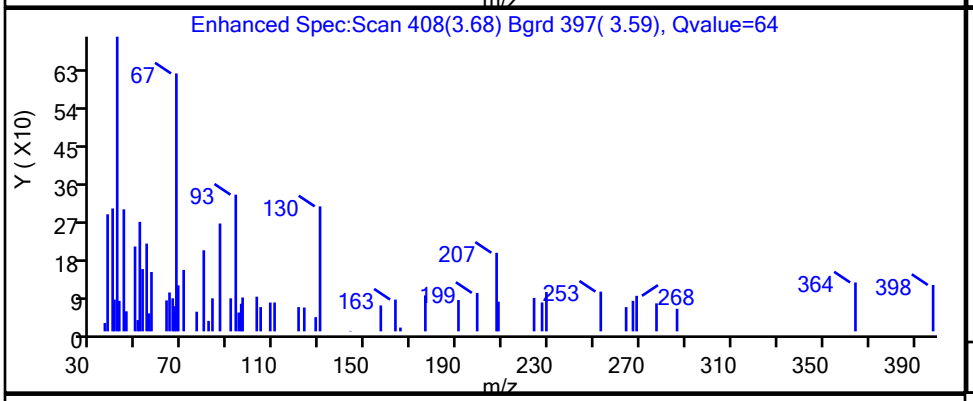
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

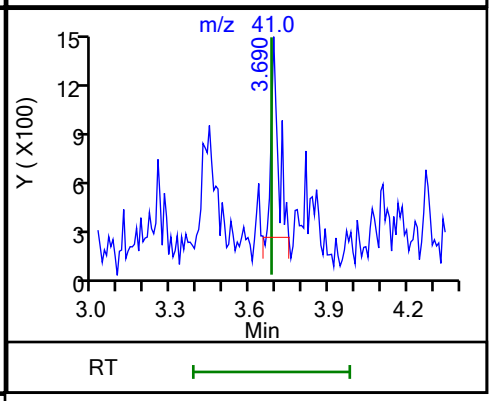
47 Methacrylonitrile, CAS: 126-98-7

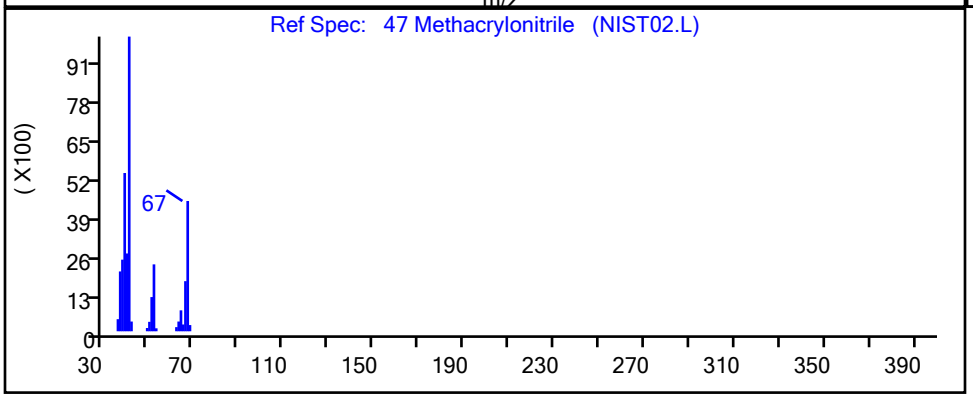
Processing Results











RT	Mass	Response	Amount
3.68	67.00	2212	-1.135725
3.69	41.00	2171	

Reviewer: HVW2, 21-Jan-2026 00:47:08 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

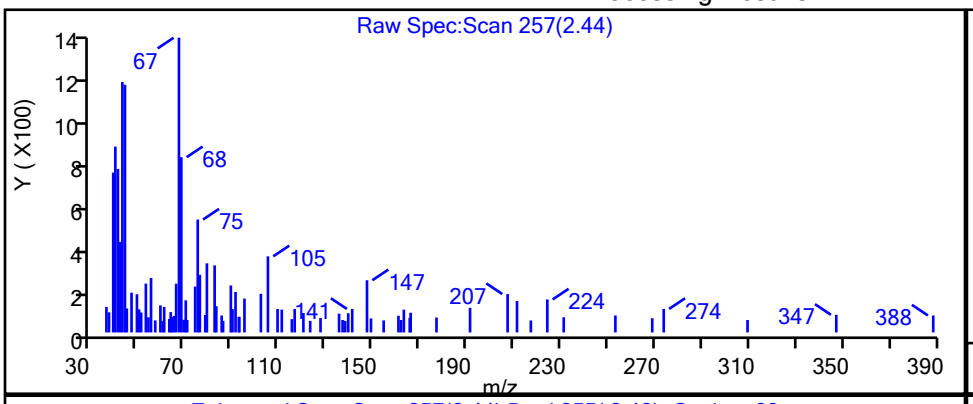
User Disabled Compound Report

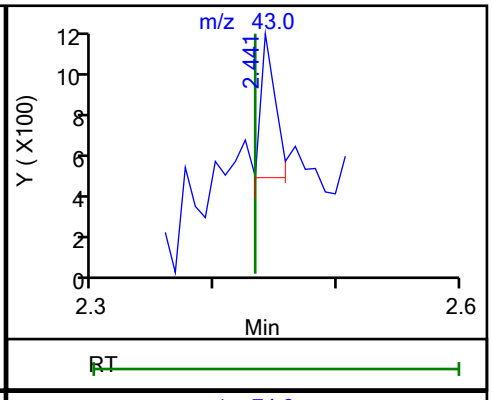
Eurofins Edison

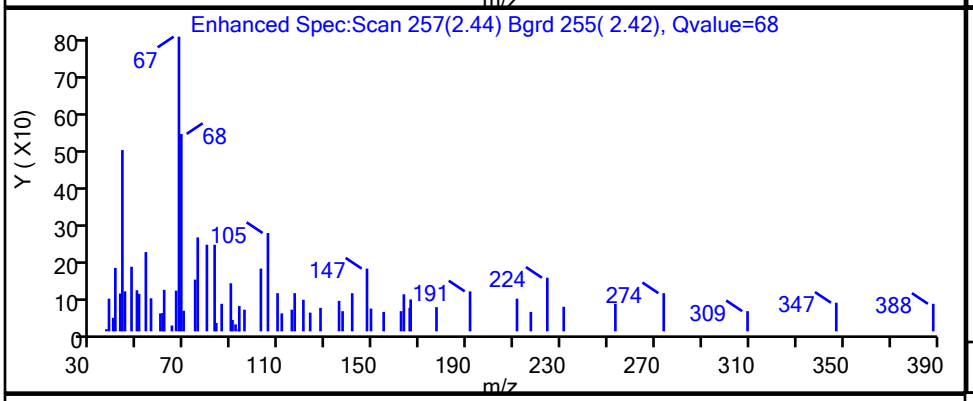
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

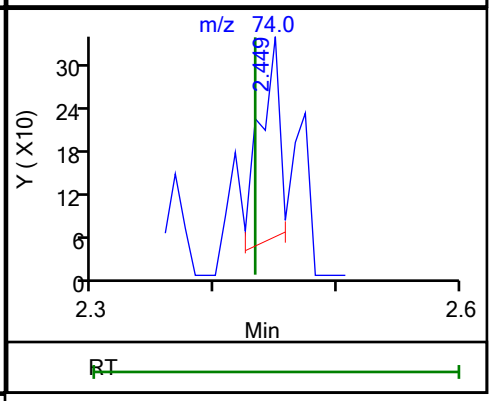
22 Methyl acetate, CAS: 79-20-9

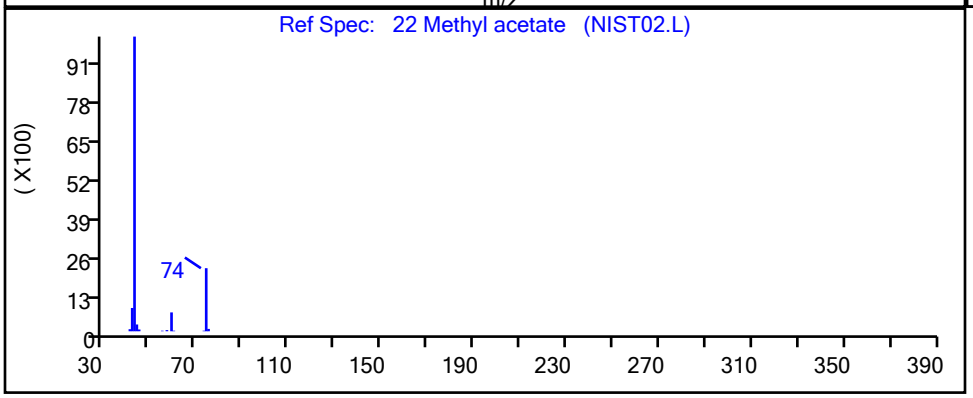
Processing Results











RT	Mass	Response	Amount
2.44	43.00	539	0.400000
2.45	74.00	324	

Reviewer: HVW2, 21-Jan-2026 00:46:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

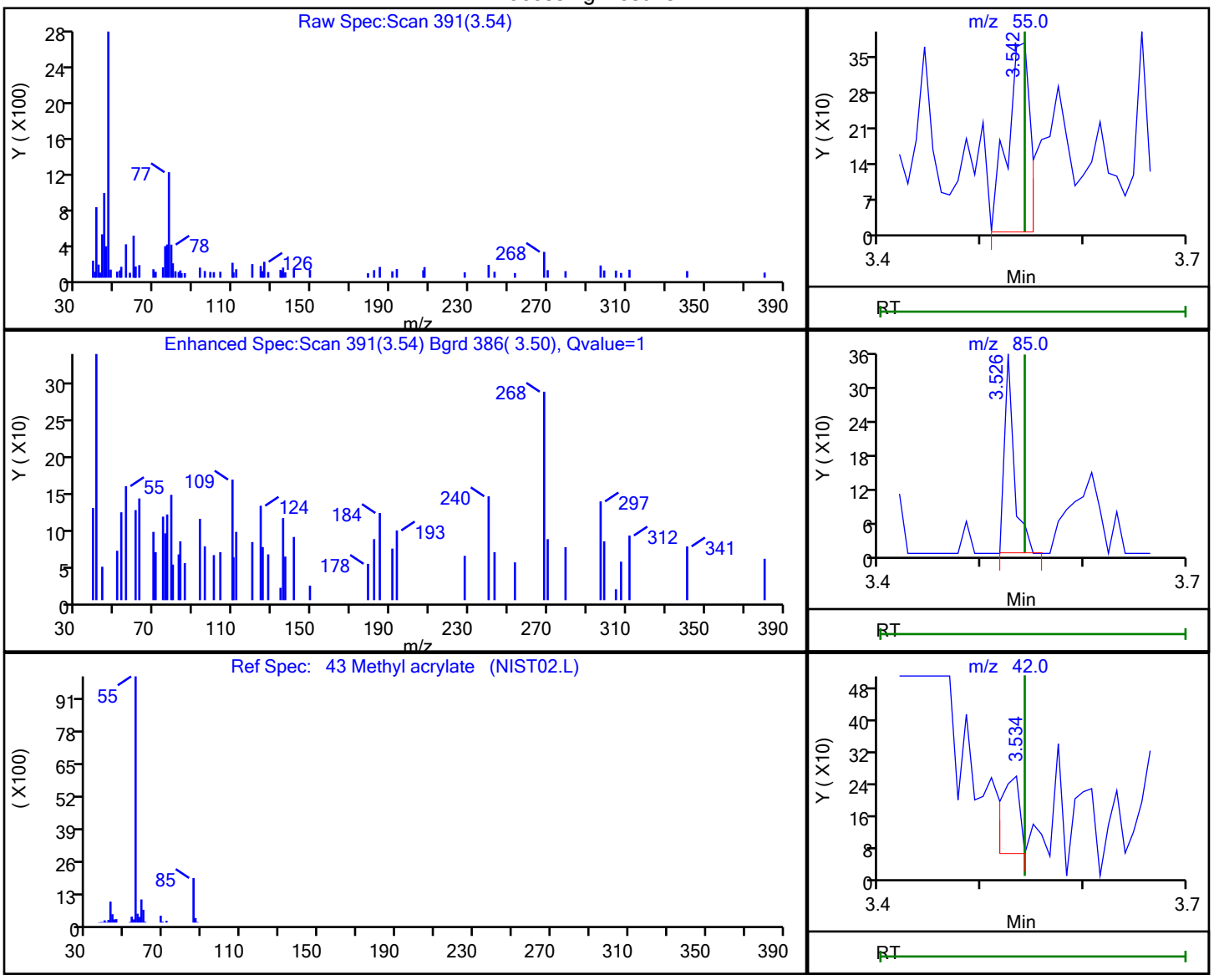
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.54	55.00	580	0.200000
3.53	85.00	233	
3.53	42.00	251	

Reviewer: HVW2, 21-Jan-2026 00:47:01 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

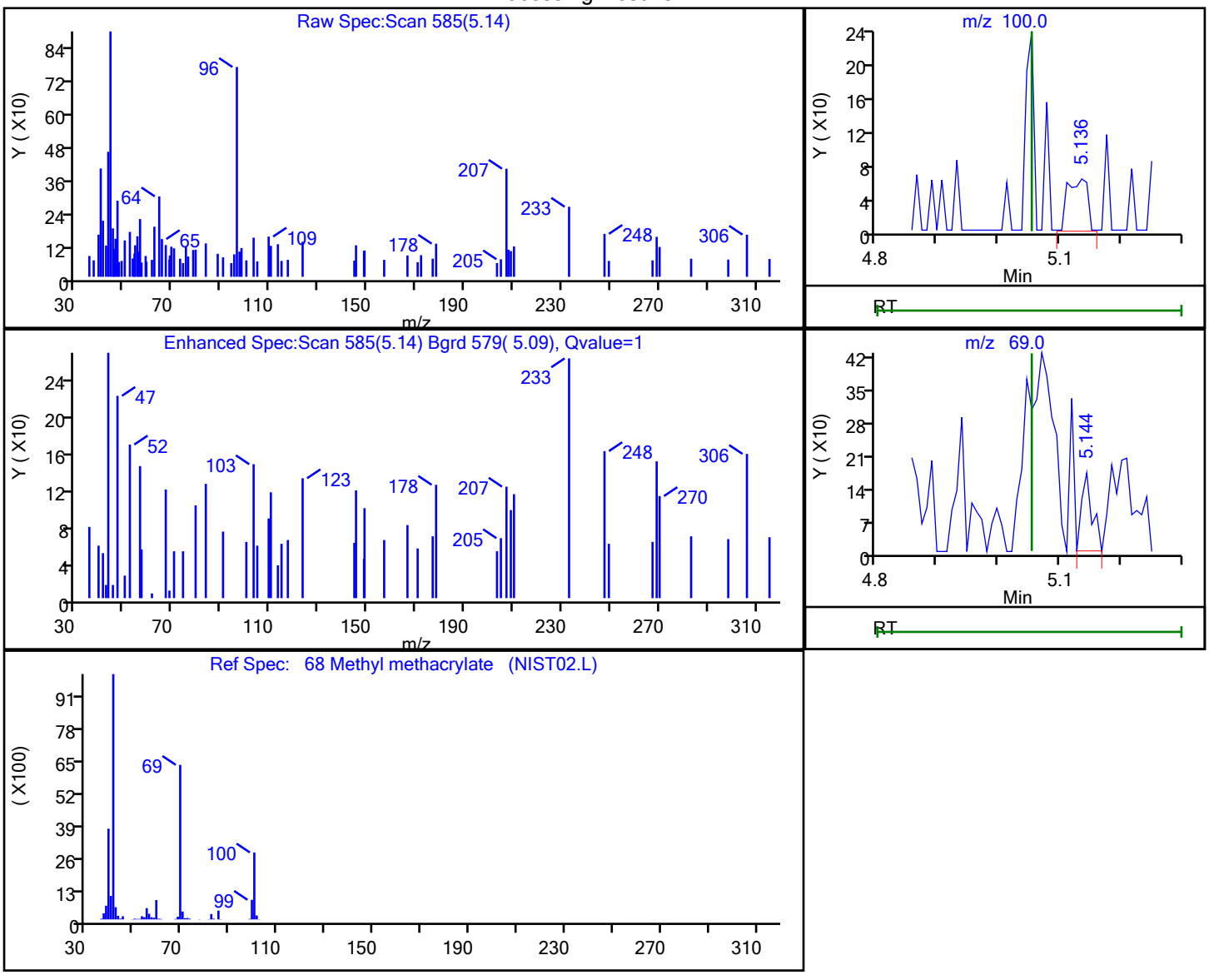
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
5.14	100.00	135	0.400000
5.14	69.00	204	

Reviewer: HVW2, 21-Jan-2026 00:47:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

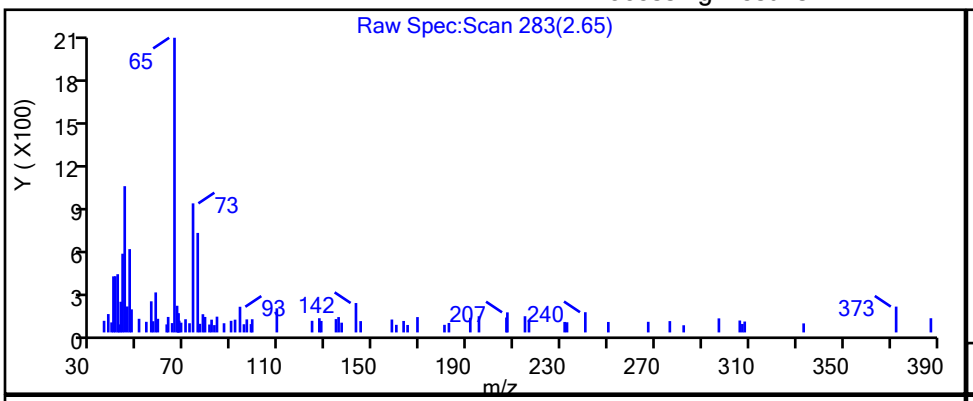
User Disabled Compound Report

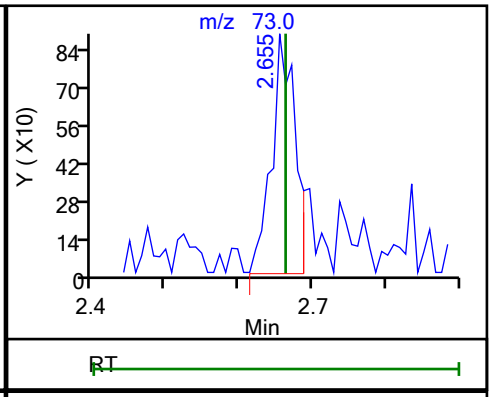
Eurofins Edison

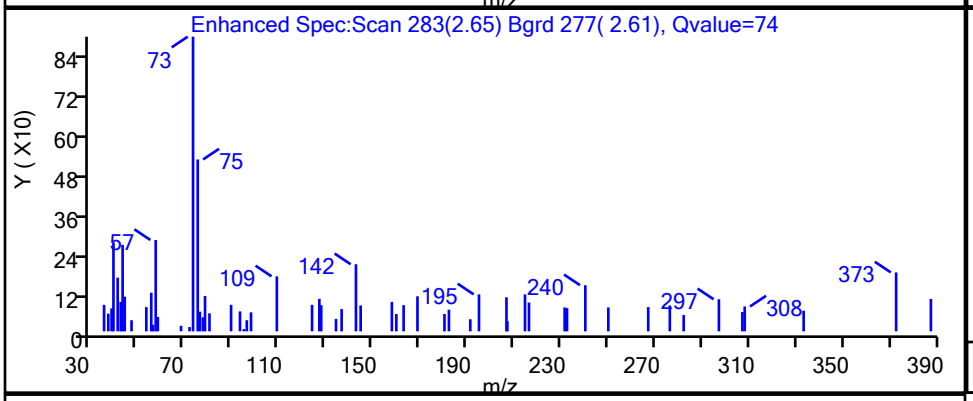
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

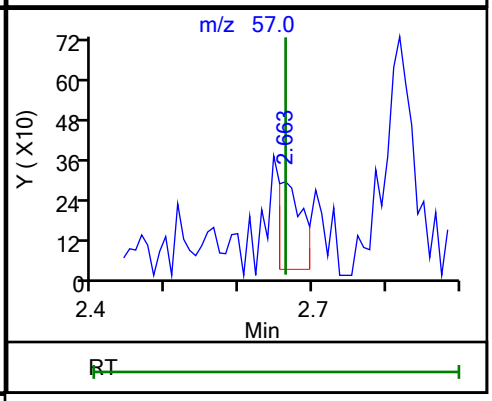
28 Methyl tert-butyl ether, CAS: 1634-04-4

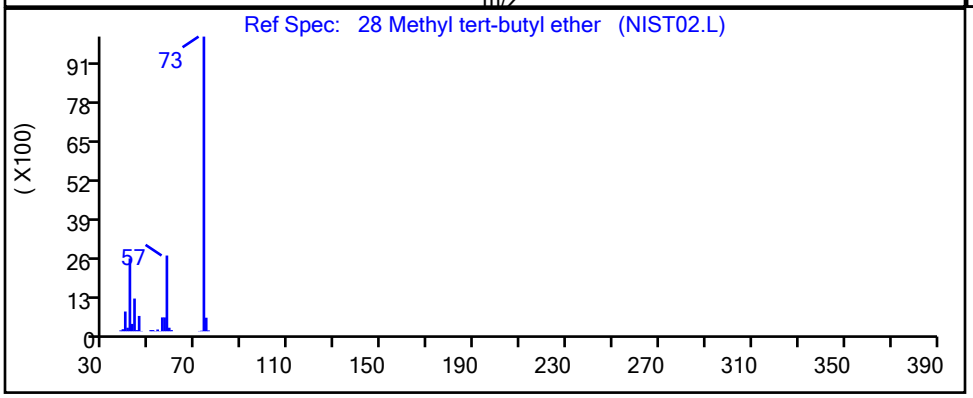
Processing Results











RT	Mass	Response	Amount
2.65	73.00	2015	0.200000
2.66	57.00	610	

Reviewer: HVW2, 21-Jan-2026 00:46:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

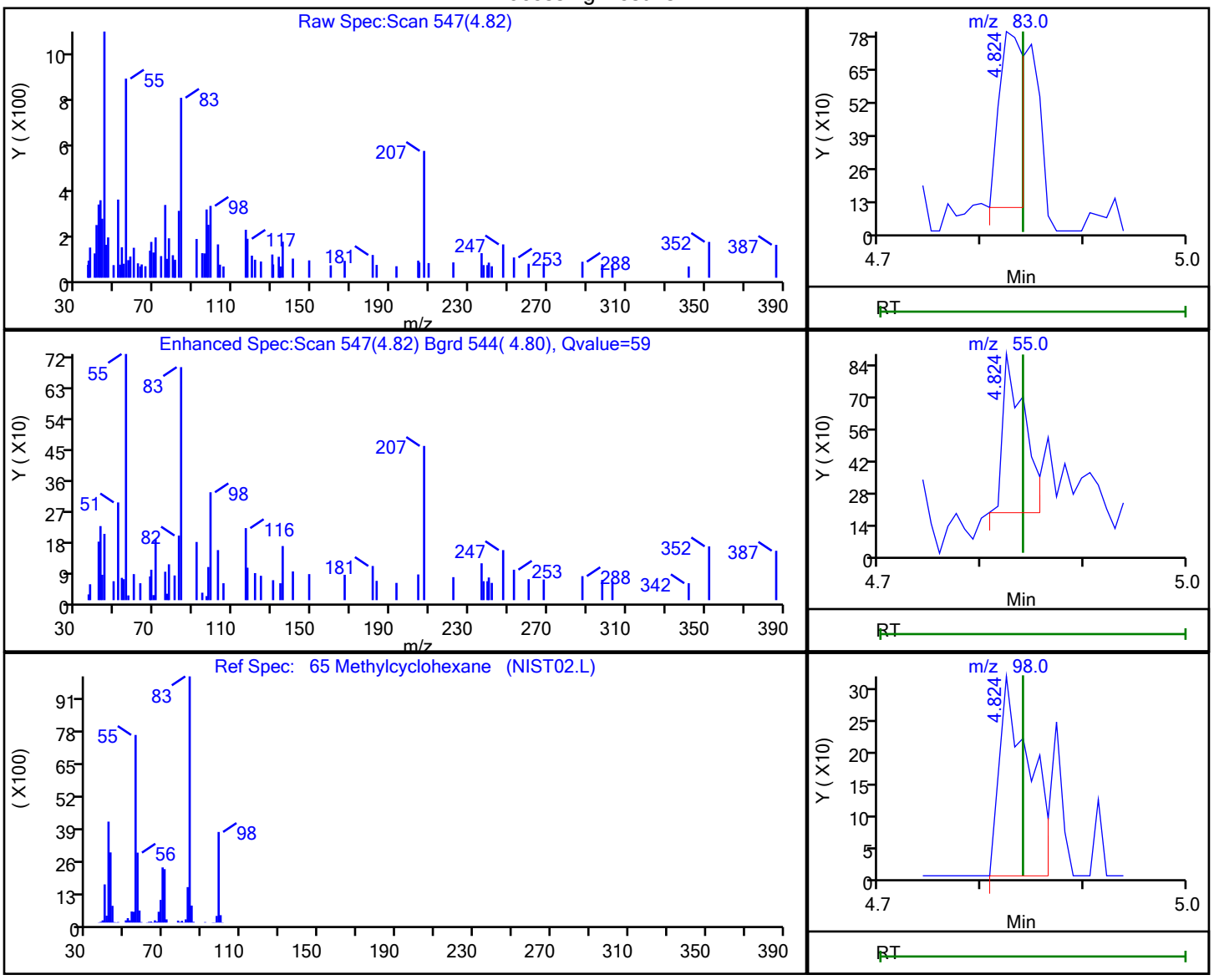
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
4.82	83.00	1181	0.200000
4.82	55.00	1040	
4.82	98.00	660	

Reviewer: HVW2, 21-Jan-2026 00:47:31 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

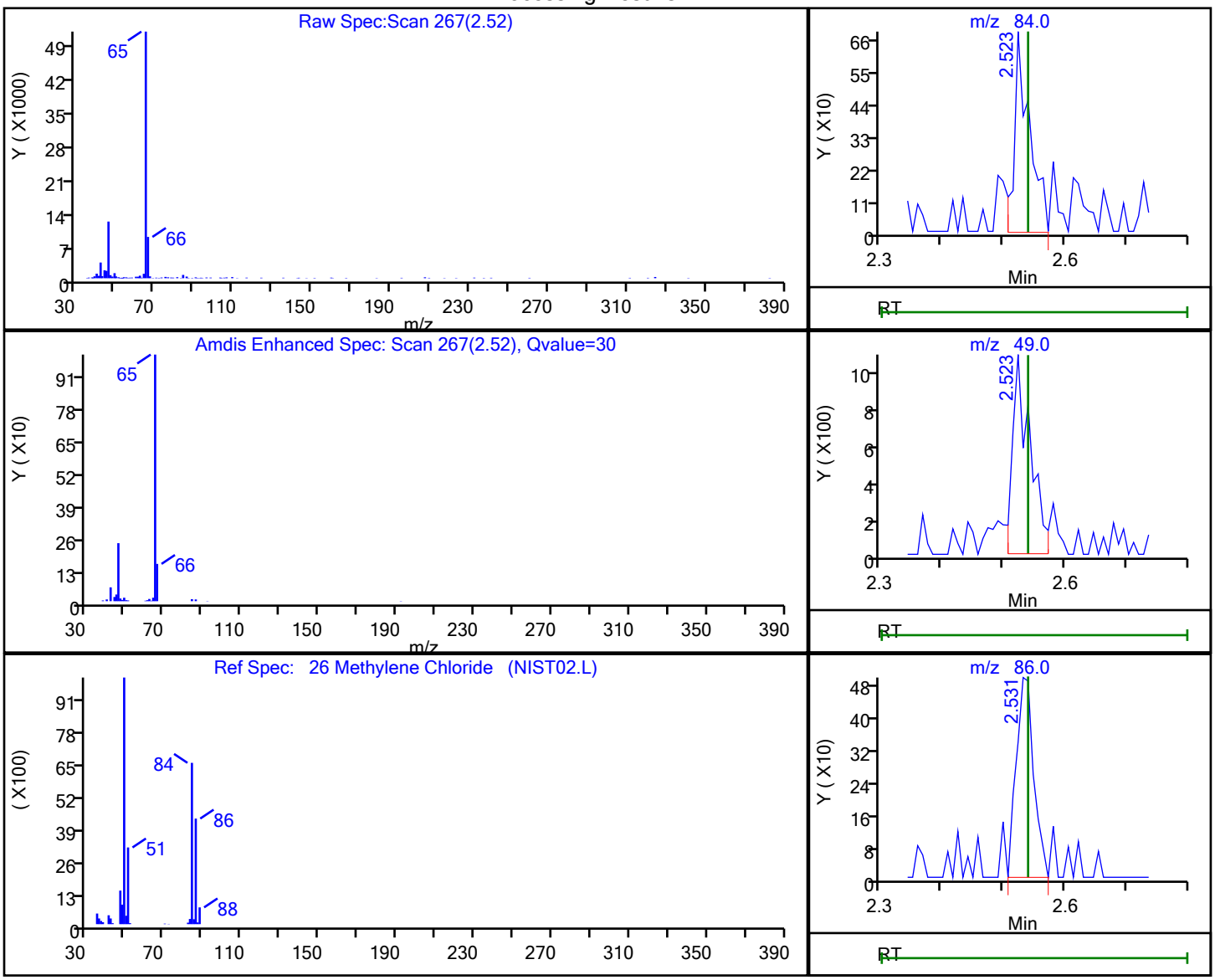
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.52	84.00	1168	0.200000
2.52	49.00	2100	
2.53	86.00	980	

Reviewer: HVW2, 21-Jan-2026 00:46:41 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

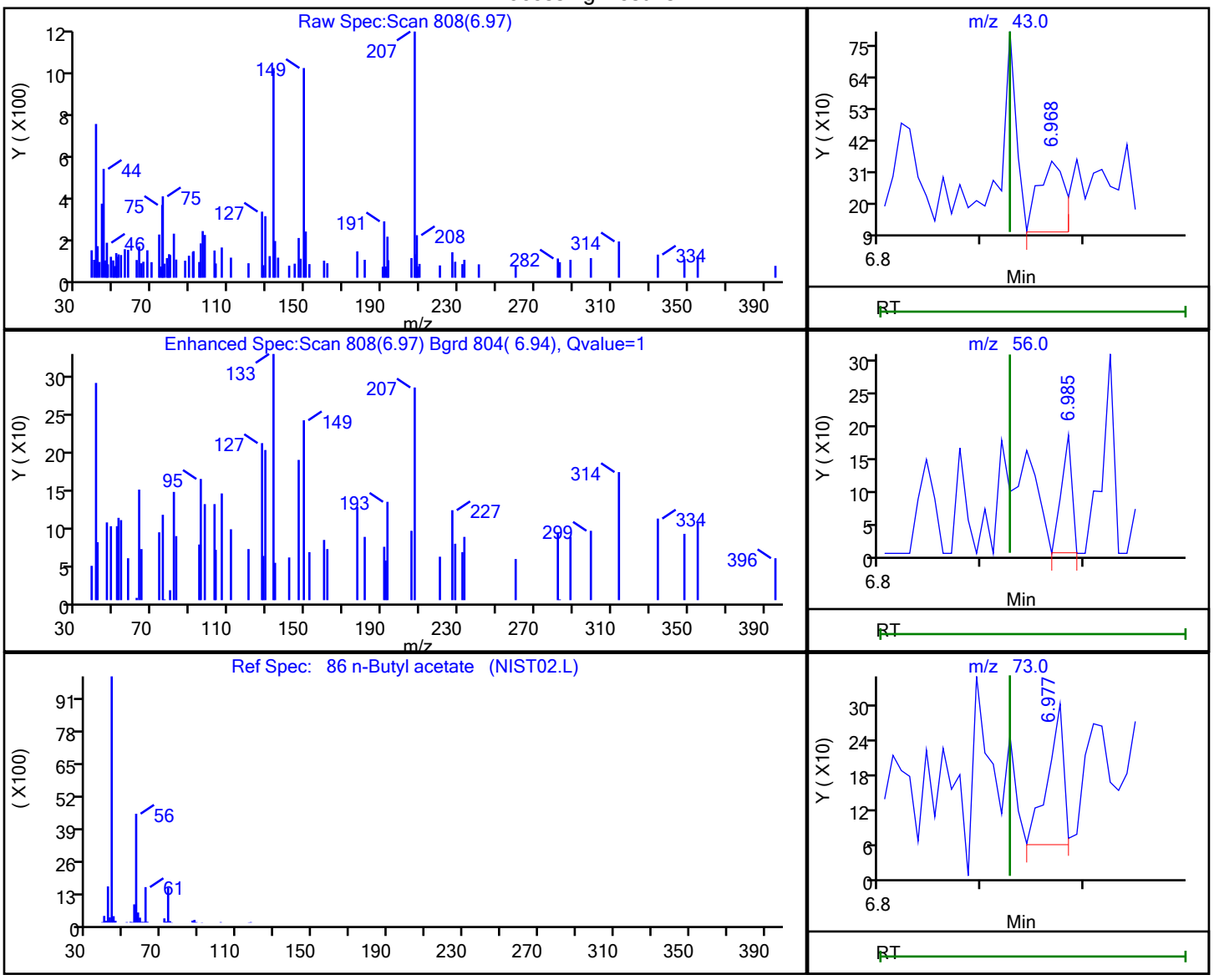
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
6.97	43.00	438	0.200000
6.98	56.00	133	
6.98	73.00	256	

Reviewer: HVW2, 21-Jan-2026 00:48:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

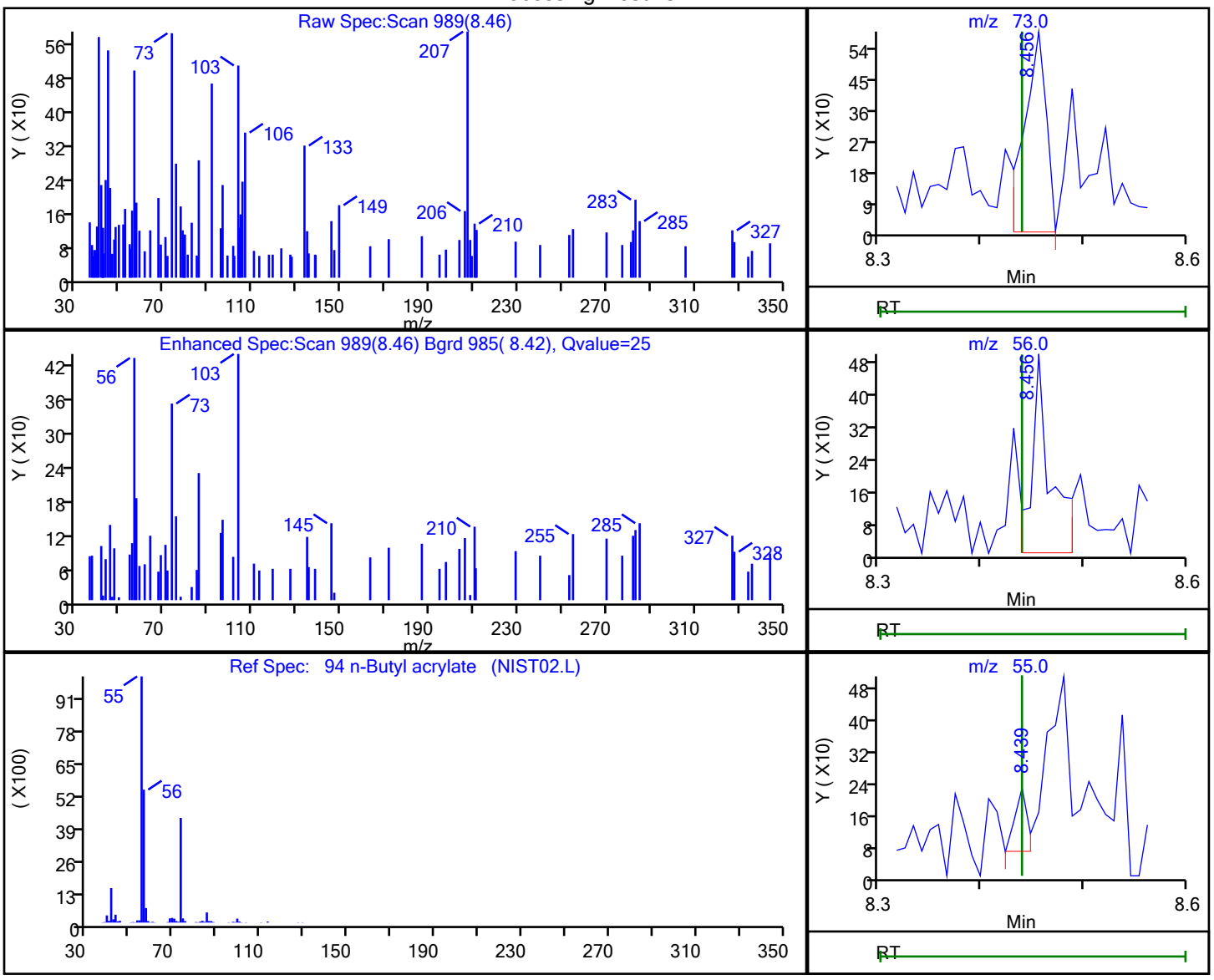
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

94 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.46	73.00	866	0.200000
8.46	56.00	642	
8.44	55.00	140	

Reviewer: HVW2, 21-Jan-2026 00:48:40 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

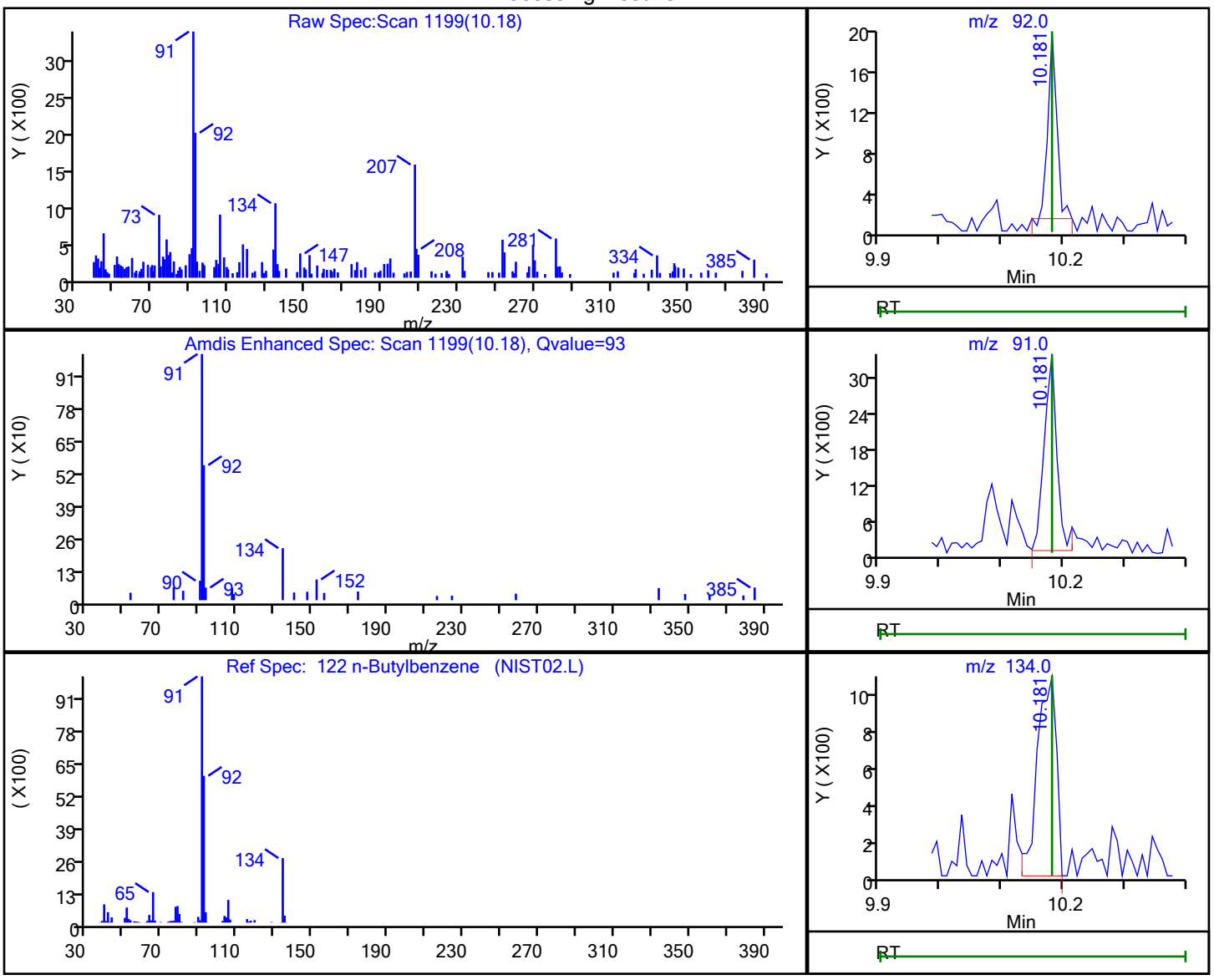
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

122 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
10.18	92.00	1894	0.200000
10.18	91.00	4751	
10.18	134.00	2216	

Reviewer: HVW2, 21-Jan-2026 00:49:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

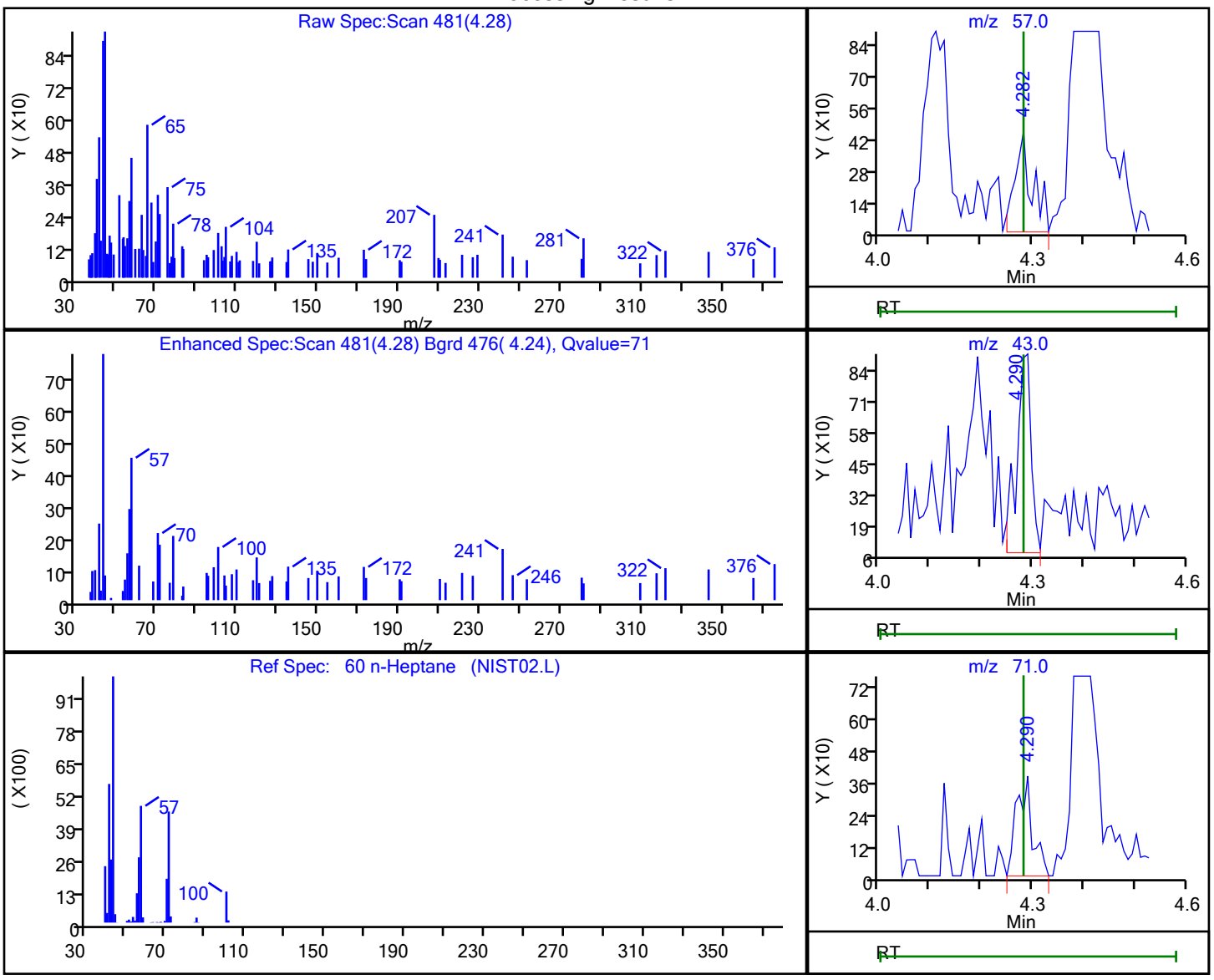
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.28	57.00	1039	0.200000
4.29	43.00	1682	
4.29	71.00	822	

Reviewer: HVW2, 21-Jan-2026 00:47:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

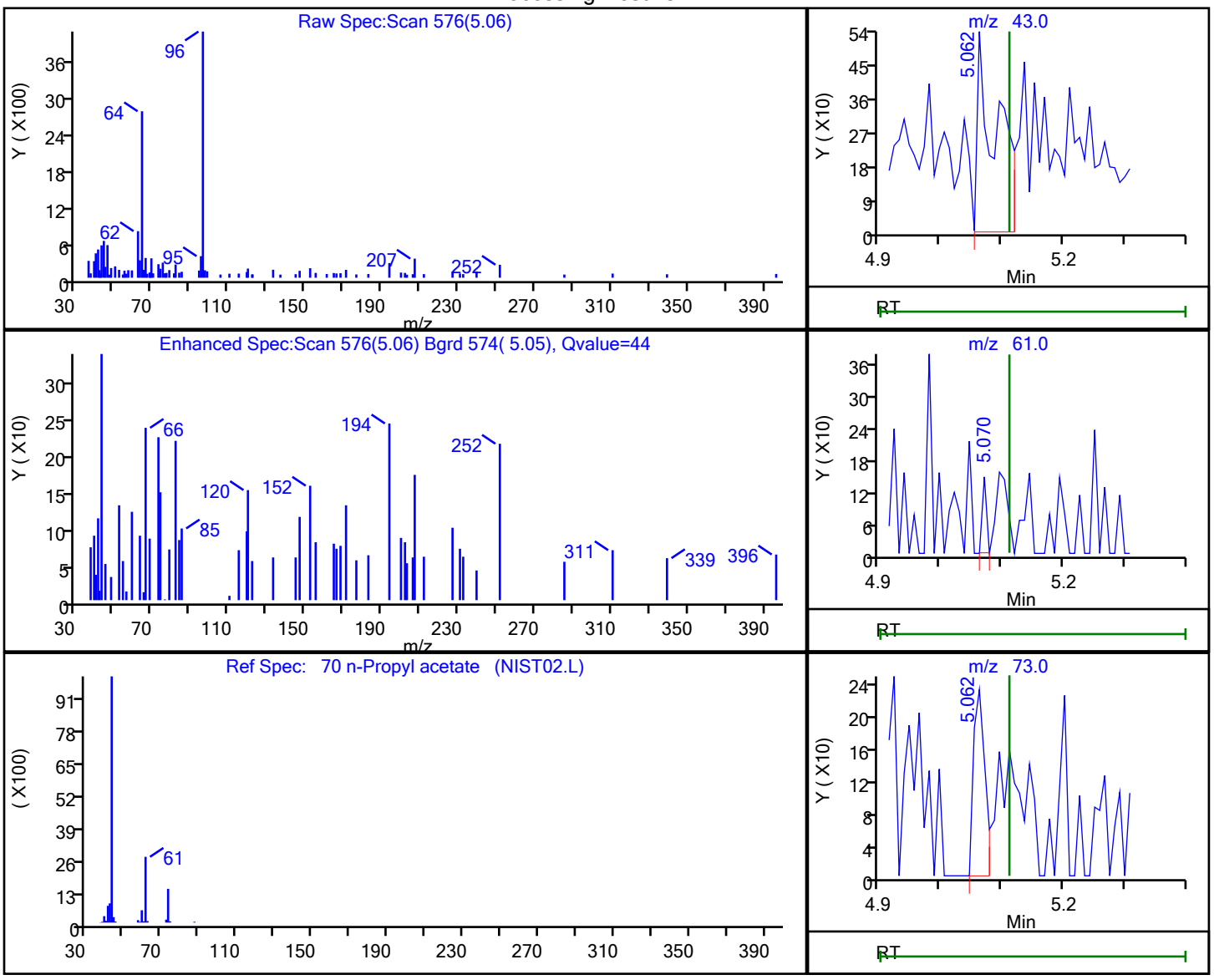
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.06	43.00	1176	0.200000
5.07	61.00	70	
5.06	73.00	295	

Reviewer: HVW2, 21-Jan-2026 00:47:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

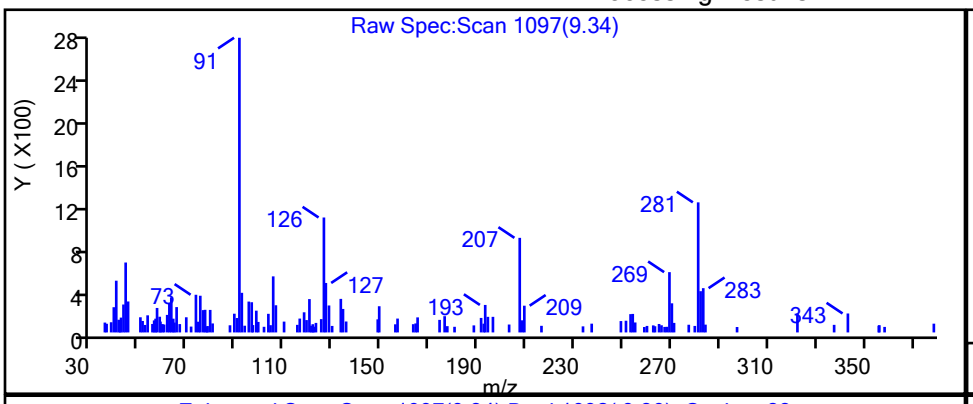
User Disabled Compound Report

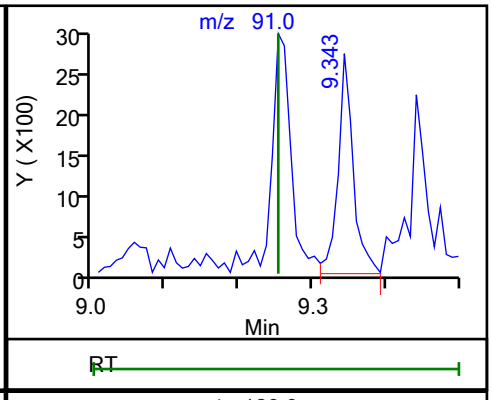
Eurofins Edison

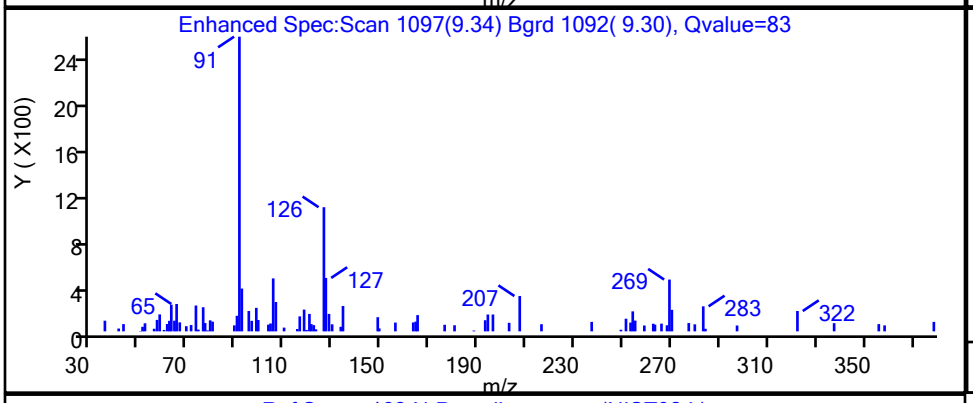
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

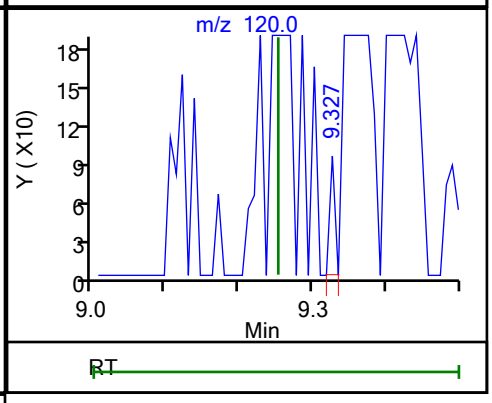
103 N-Propylbenzene, CAS: 103-65-1

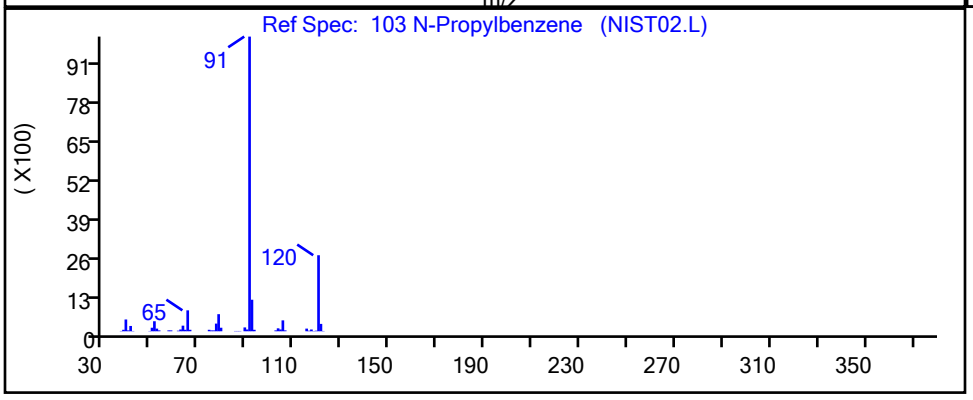
Processing Results











RT	Mass	Response	Amount
9.34	91.00	3871	0.200000
9.33	120.00	45	

Reviewer: HVW2, 21-Jan-2026 00:48:51 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

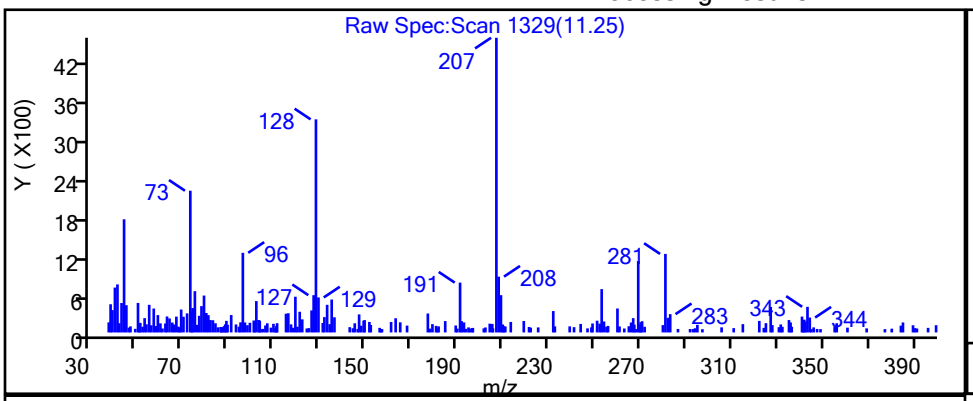
User Disabled Compound Report

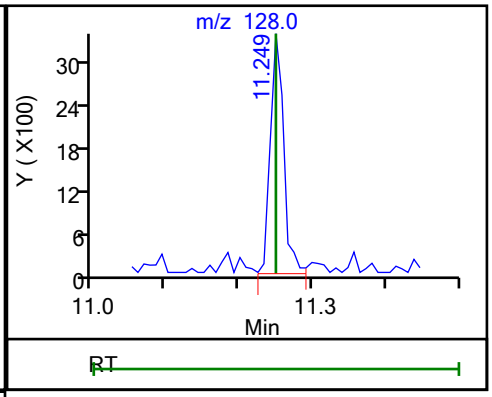
Eurofins Edison

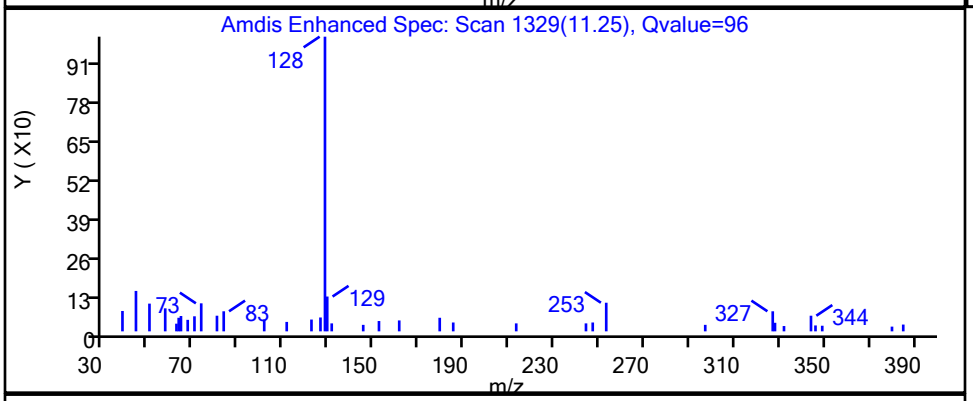
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D				
Injection Date:	21-Jan-2026 00:00:30	Instrument ID:	CVOAMS6		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

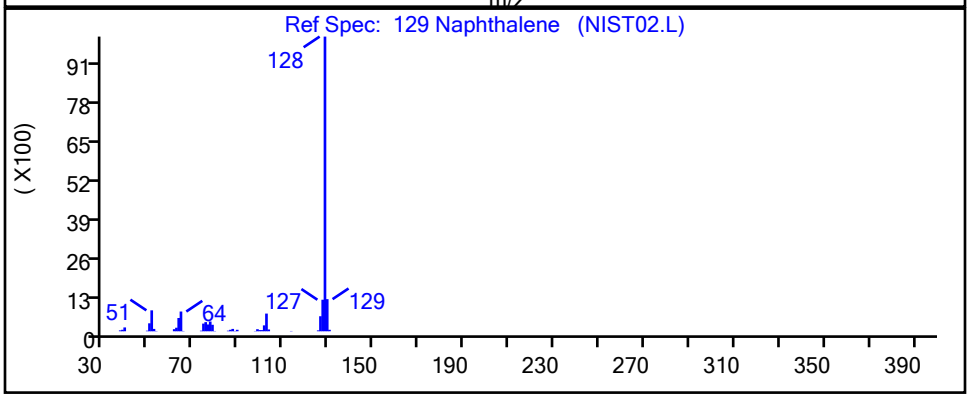
129 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
11.25	128.00	4161	0.200000

Reviewer: HVW2, 21-Jan-2026 00:49:31 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

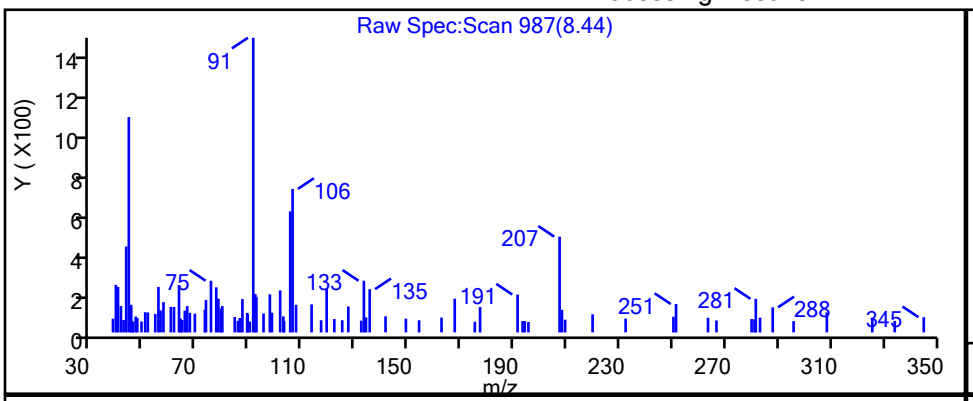
User Disabled Compound Report

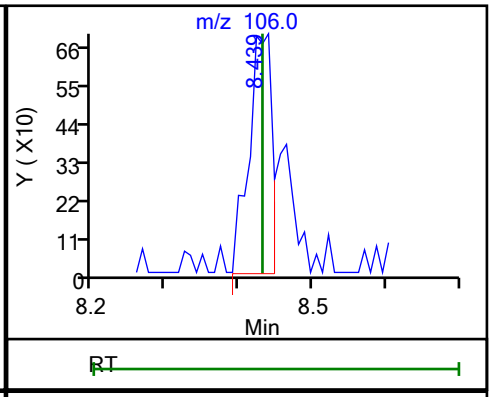
Eurofins Edison

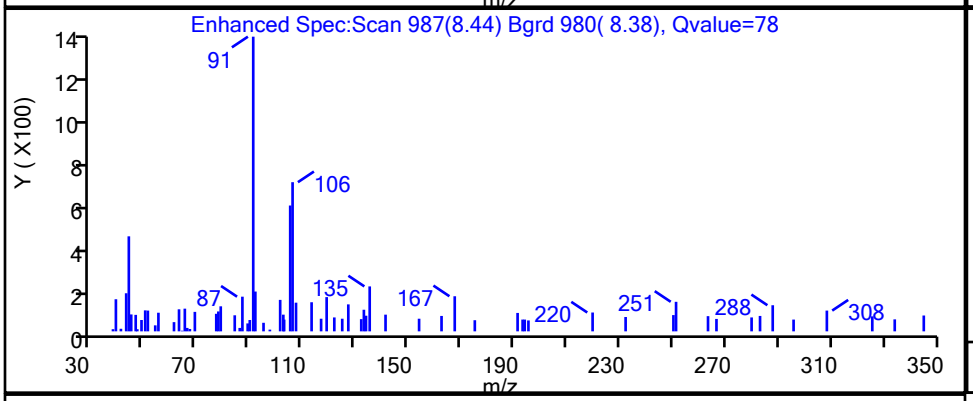
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

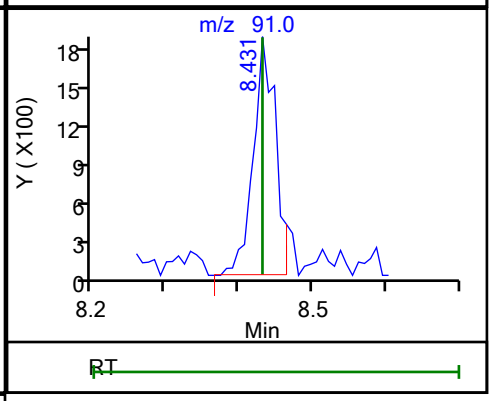
95 o-Xylene, CAS: 95-47-6

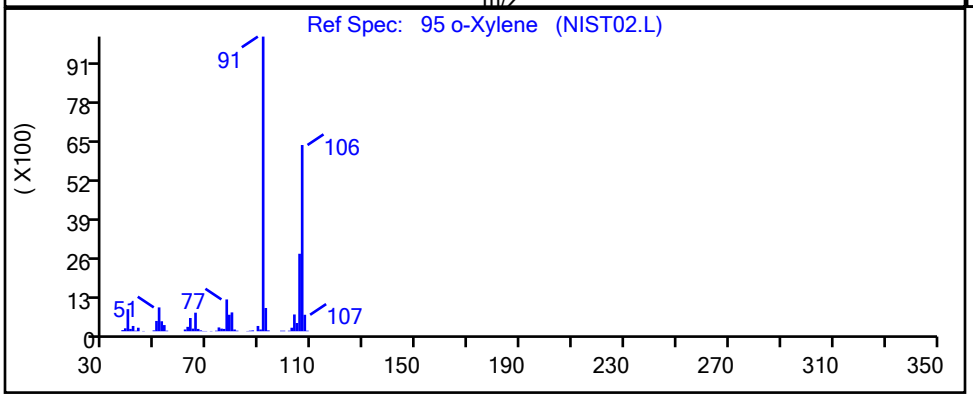
Processing Results











RT	Mass	Response	Amount
8.44	106.00	1535	0.200000
8.43	91.00	3988	

Reviewer: HVW2, 21-Jan-2026 00:48:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

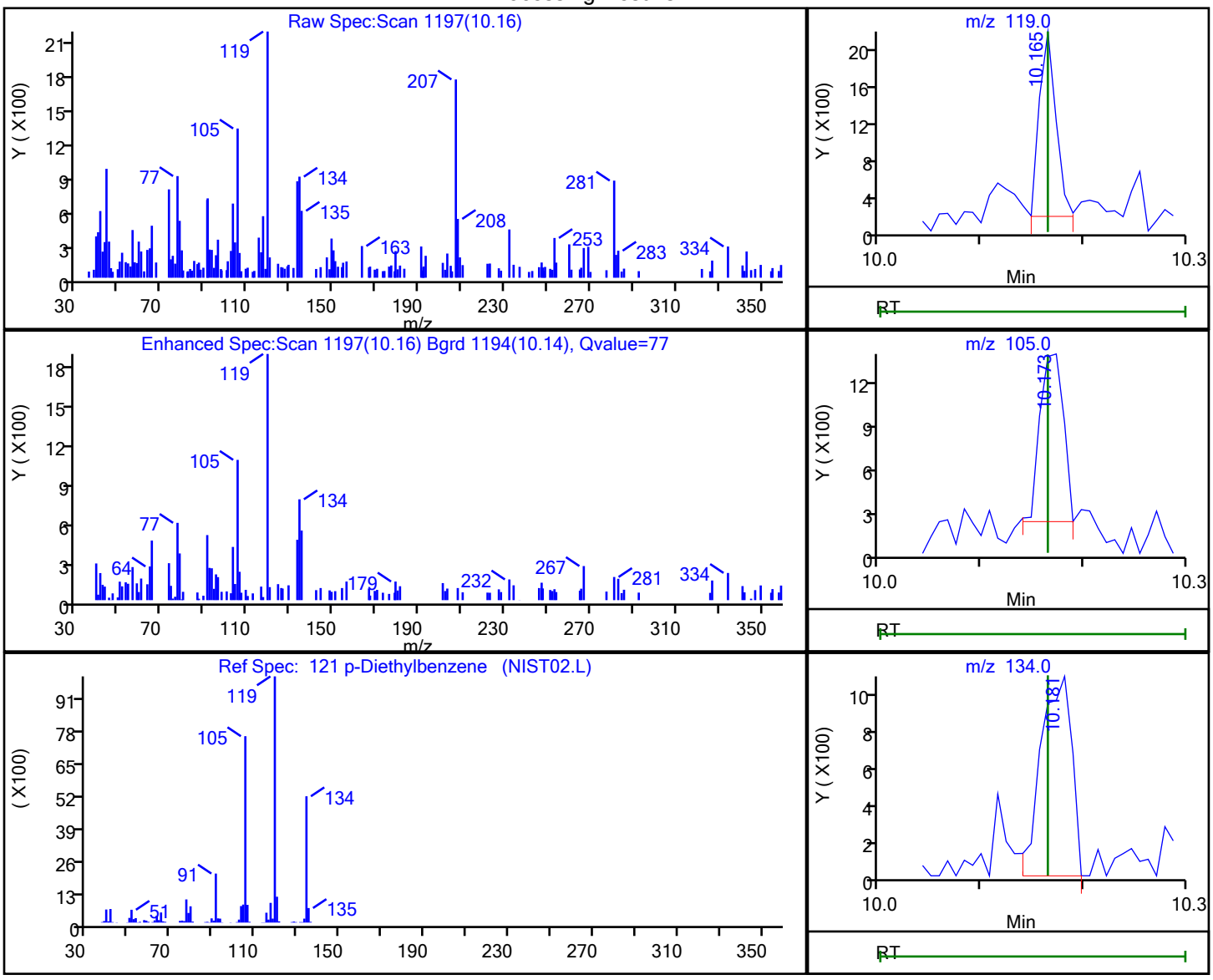
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

121 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.16	119.00	2262	0.200000
10.17	105.00	1791	
10.18	134.00	2160	

Reviewer: HVW2, 21-Jan-2026 00:49:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

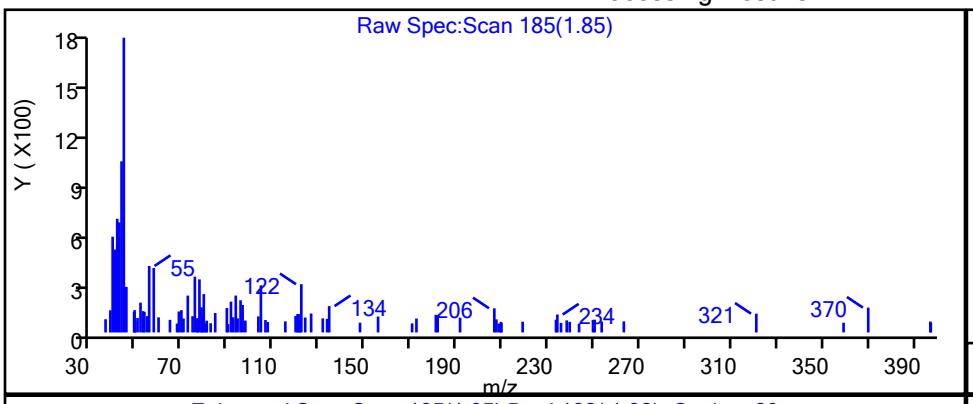
User Disabled Compound Report

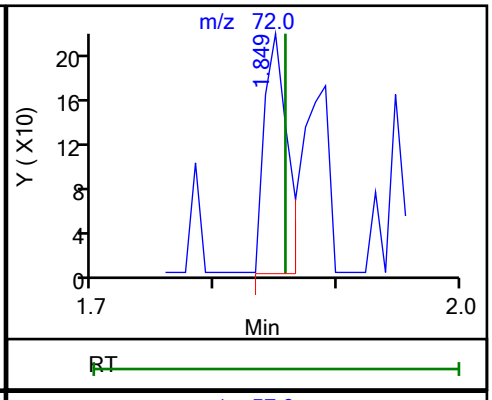
Eurofins Edison

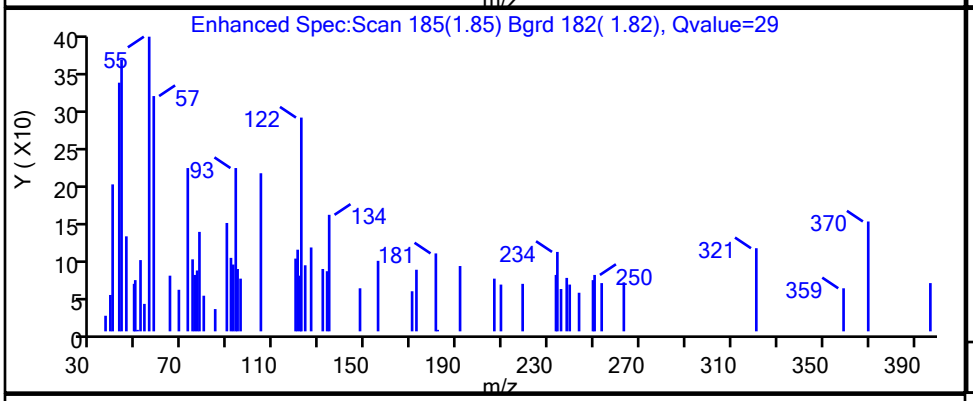
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

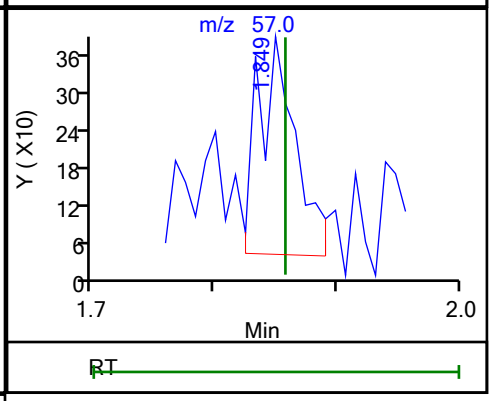
9 Pentane, CAS: 109-66-0

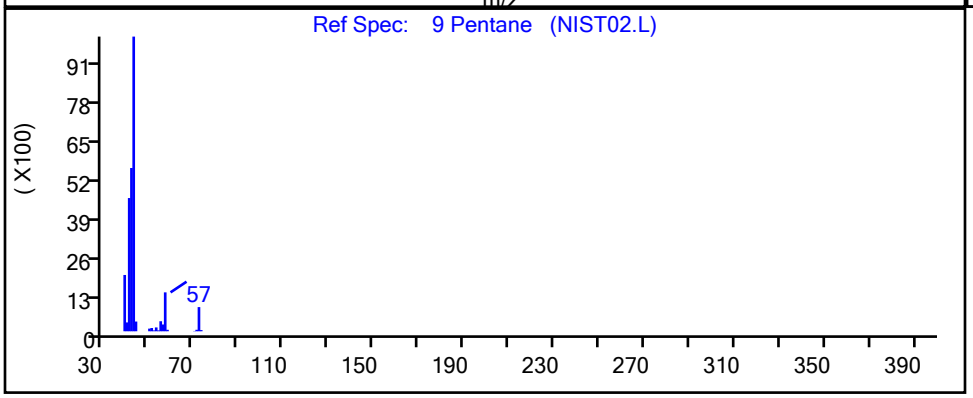
Processing Results











RT	Mass	Response	Amount
1.85	72.00	289	0.770839
1.85	57.00	750	

Reviewer: HVW2, 21-Jan-2026 00:46:17 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

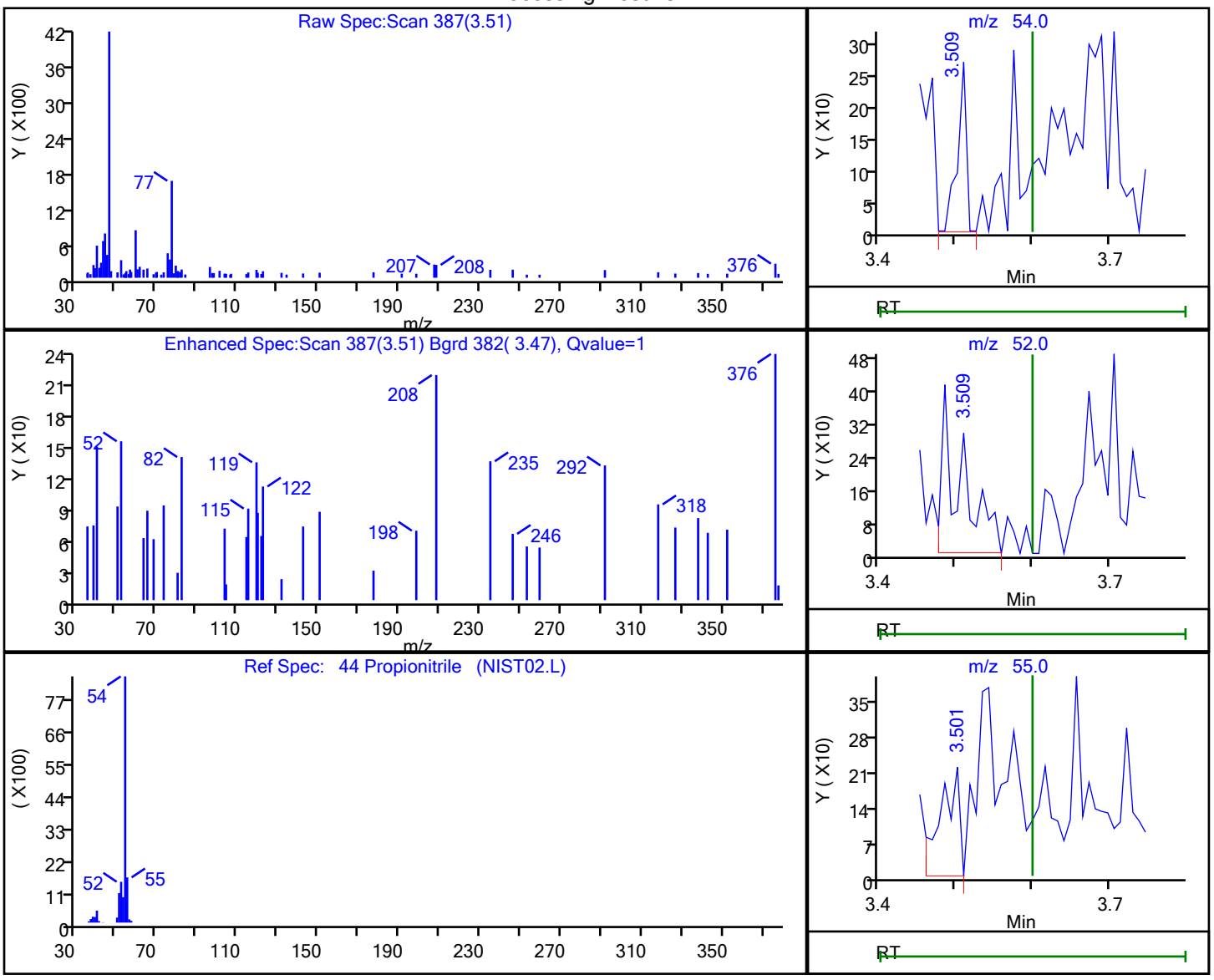
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.51	54.00	211	0.648105
3.51	52.00	715	
3.50	55.00	371	

Reviewer: HVW2, 21-Jan-2026 00:47:02 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

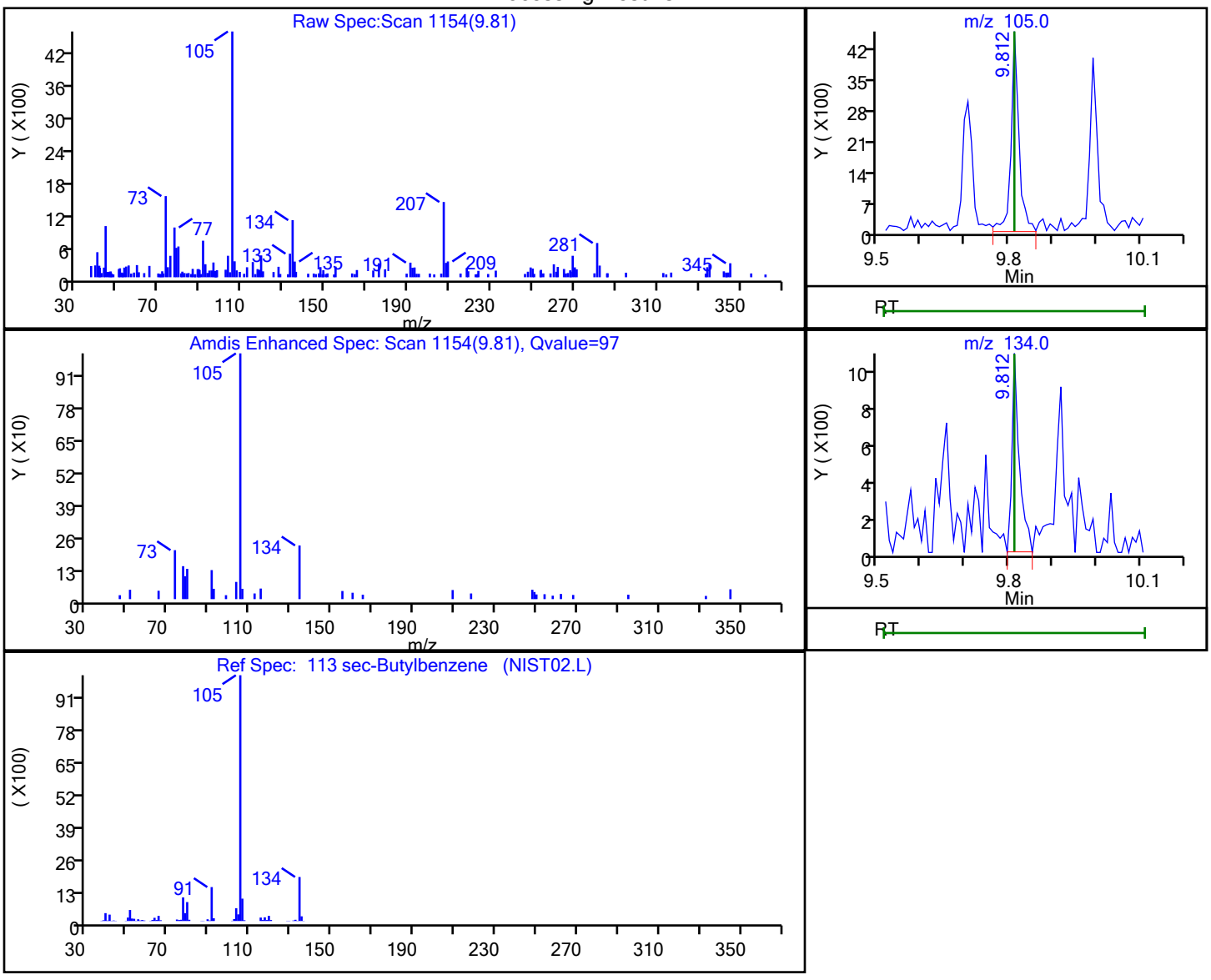
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

113 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
9.81	105.00	5693	0.200000
9.81	134.00	1249	

Reviewer: HVW2, 21-Jan-2026 00:49:04 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

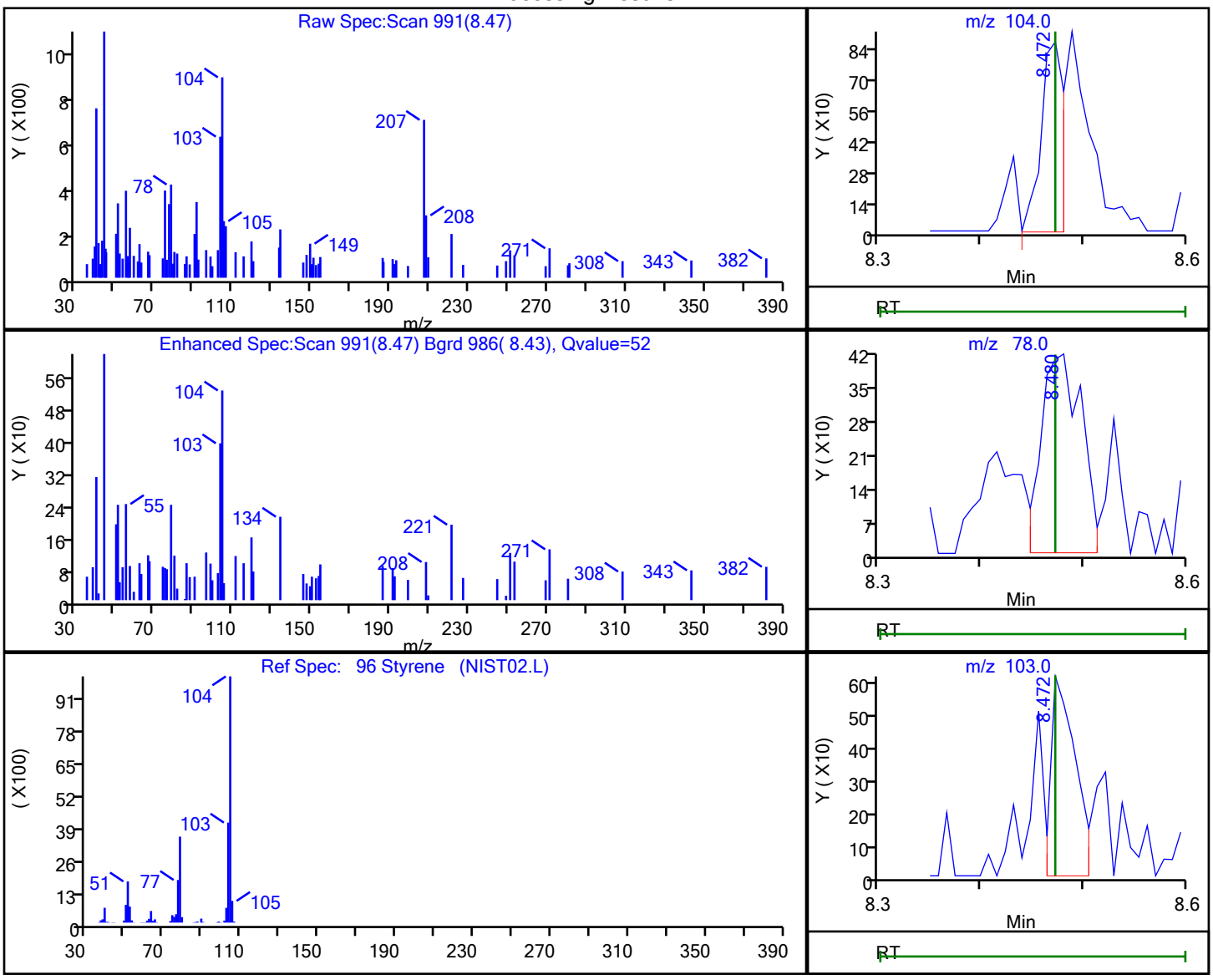
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

96 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.47	104.00	1351	0.200000
8.48	78.00	1162	
8.47	103.00	1040	

Reviewer: HVW2, 21-Jan-2026 00:48:41 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

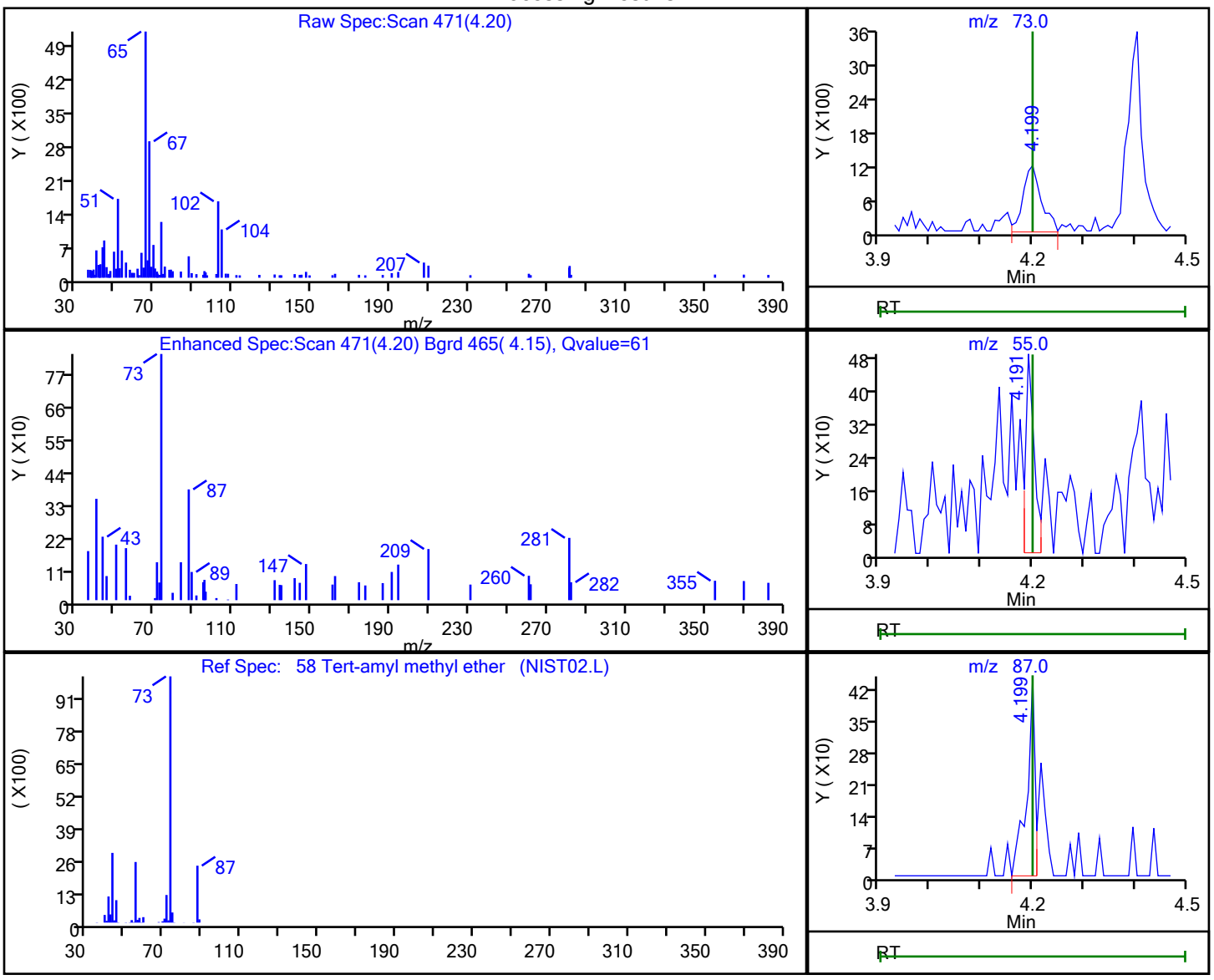
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
4.20	73.00	2877	0.200000
4.19	55.00	578	
4.20	87.00	513	

Reviewer: HVW2, 21-Jan-2026 00:47:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

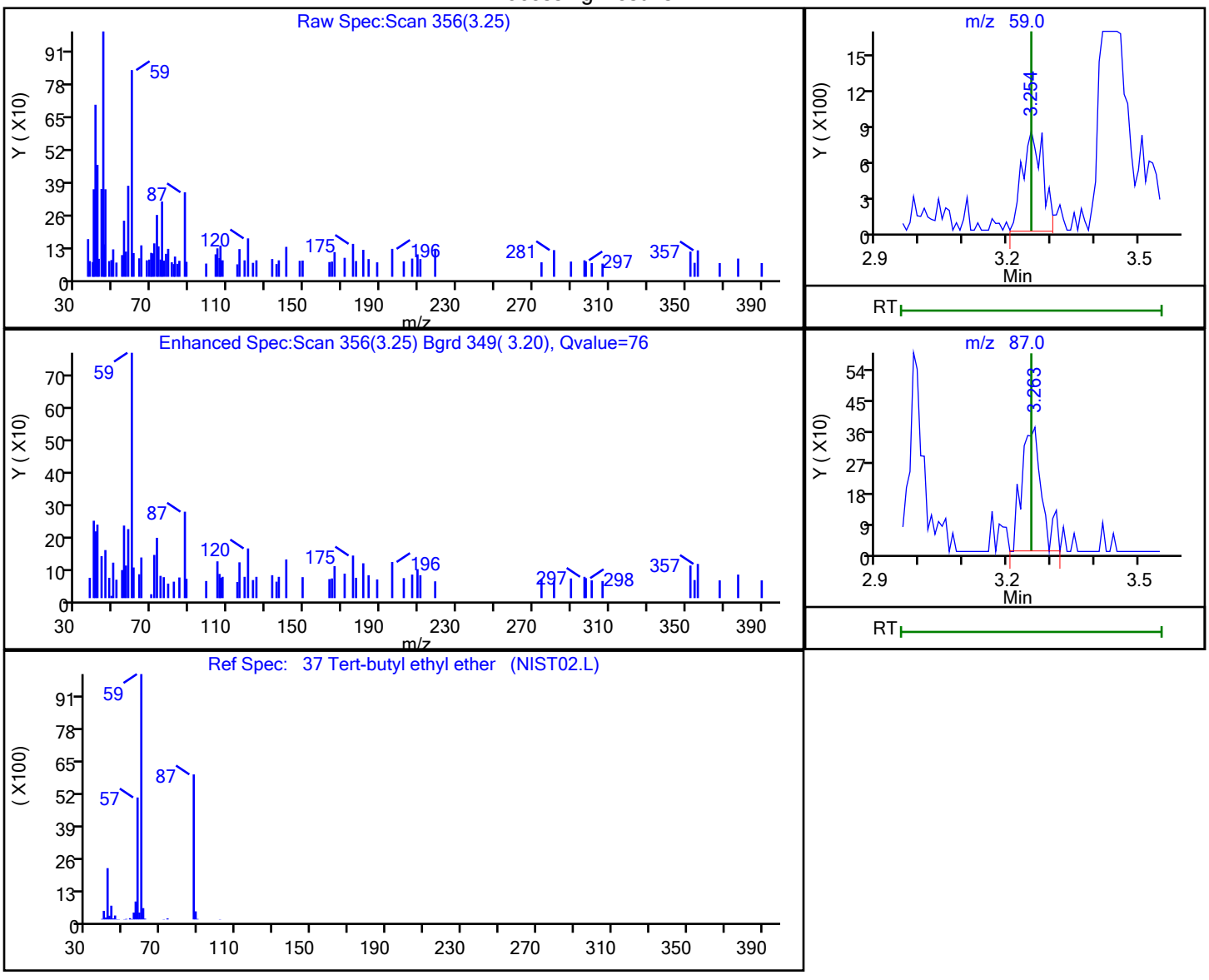
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

37 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
3.25	59.00	2719	0.200000
3.26	87.00	1185	

Reviewer: HVW2, 21-Jan-2026 00:46:52 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

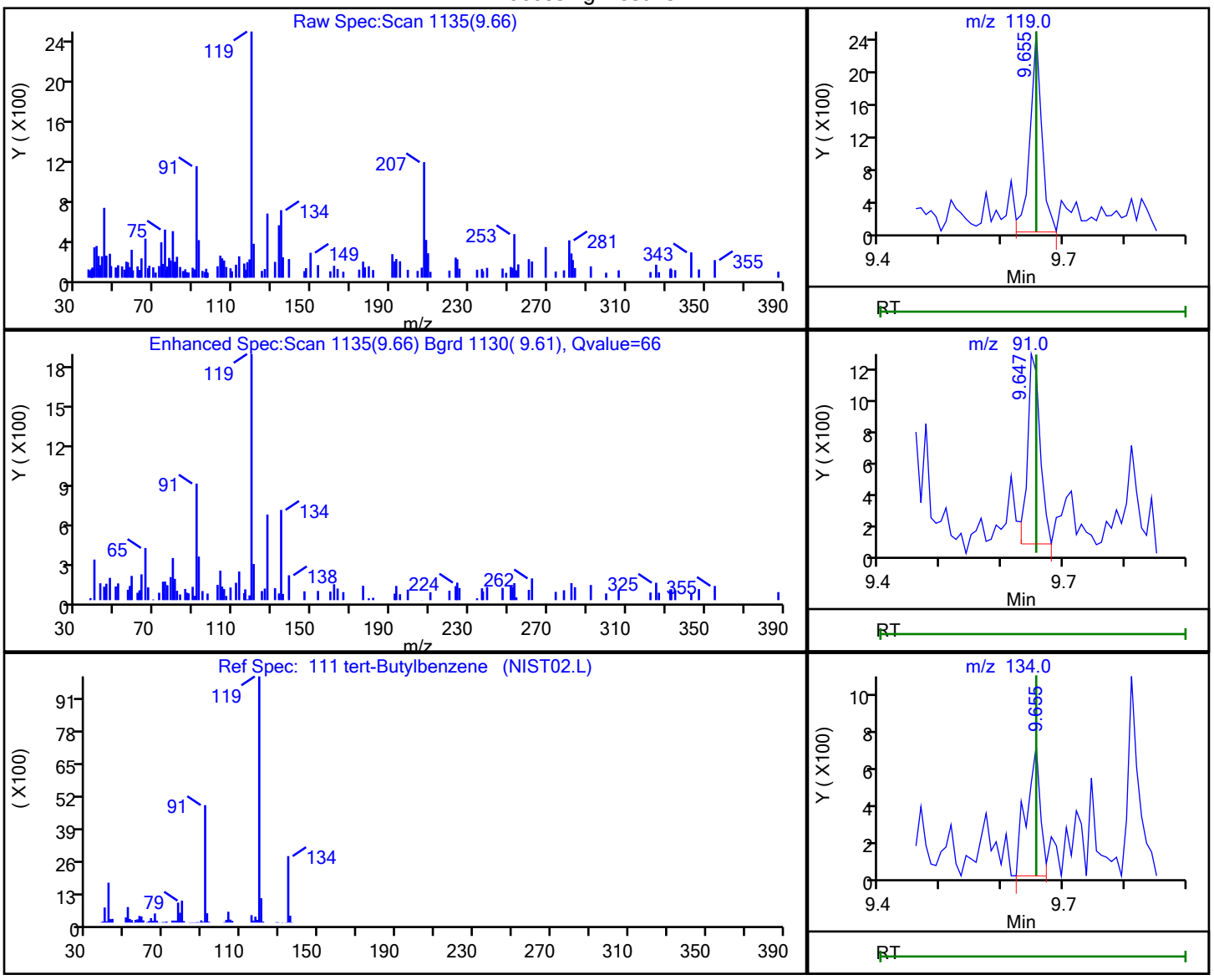
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

111 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.66	119.00	3278	0.200000
9.65	91.00	1680	
9.66	134.00	1072	

Reviewer: HVW2, 21-Jan-2026 00:48:56 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

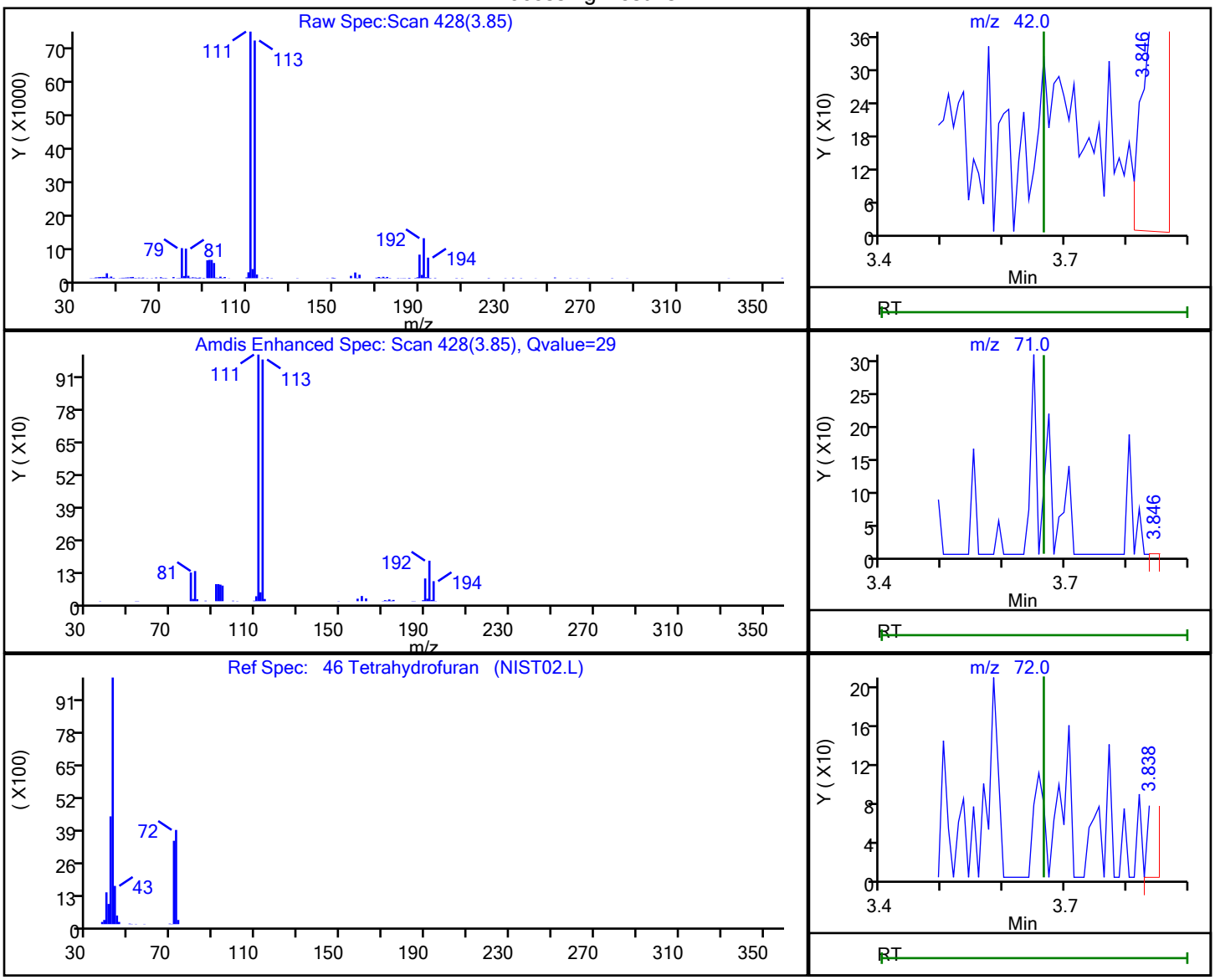
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.85	42.00	894	0.400000
3.85	71.00	52	
3.84	72.00	66	

Reviewer: HVW2, 21-Jan-2026 00:47:05 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

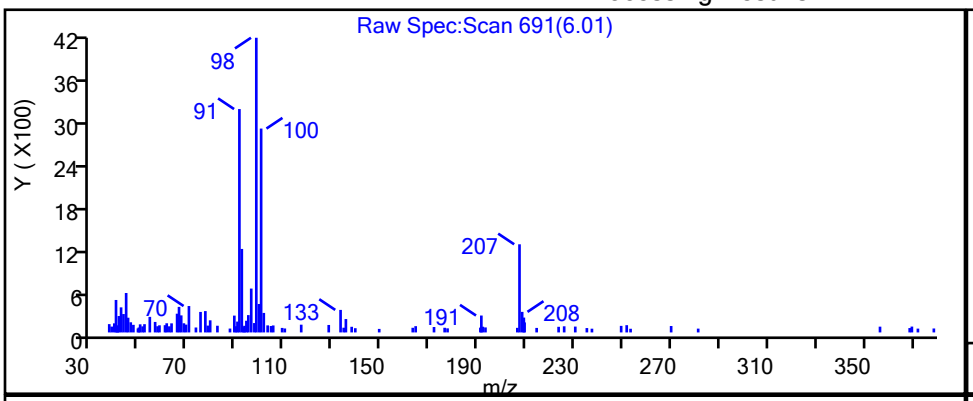
User Disabled Compound Report

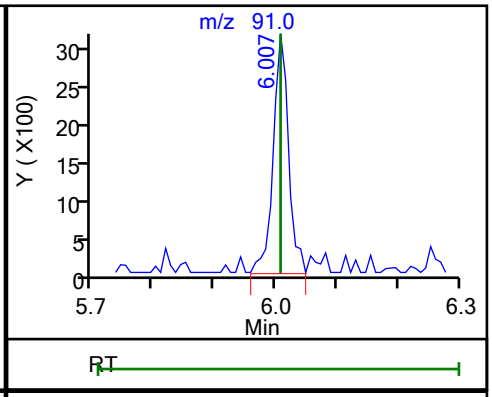
Eurofins Edison

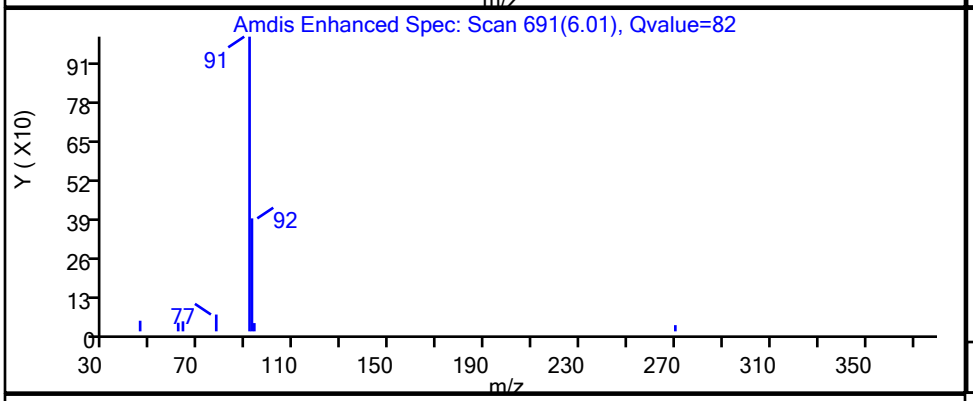
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

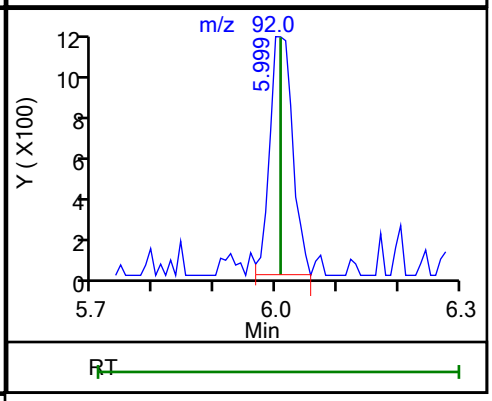
79 Toluene, CAS: 108-88-3

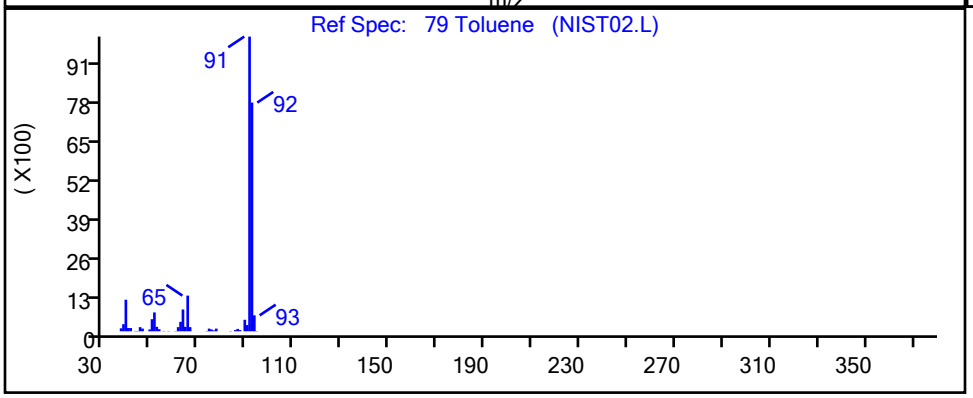
Processing Results











RT	Mass	Response	Amount
6.01	91.00	5516	0.200000
6.00	92.00	3110	

Reviewer: HVW2, 21-Jan-2026 00:48:05 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

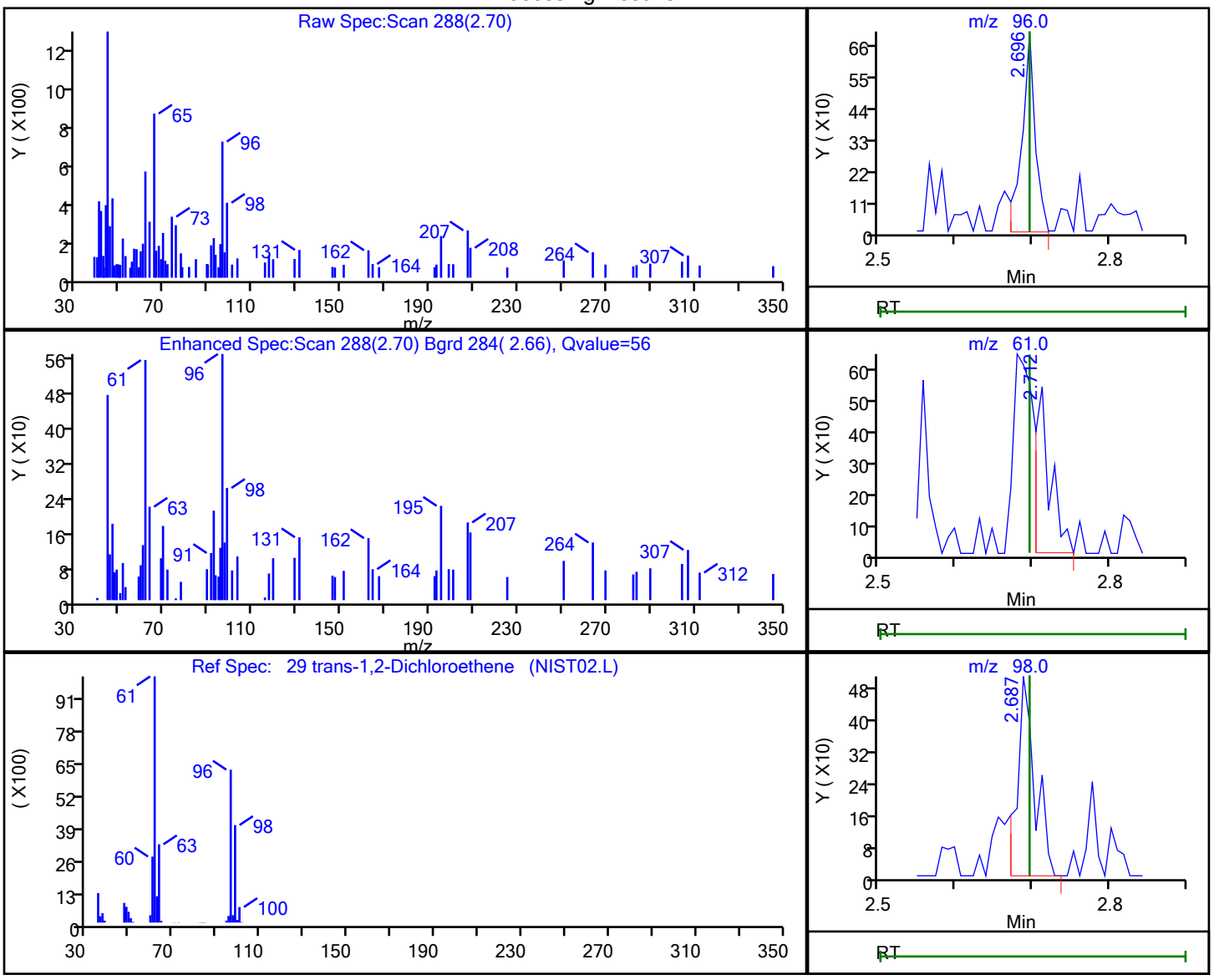
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
2.70	96.00	846	0.200000
2.71	61.00	735	
2.69	98.00	815	

Reviewer: HVW2, 21-Jan-2026 00:46:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

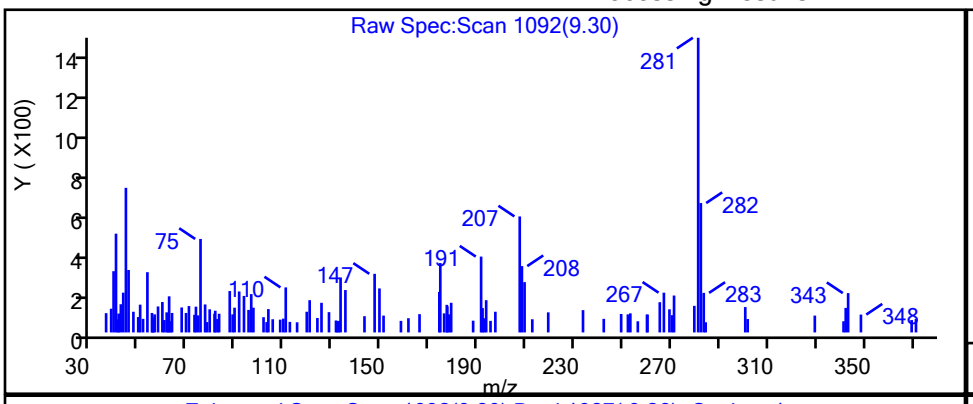
User Disabled Compound Report

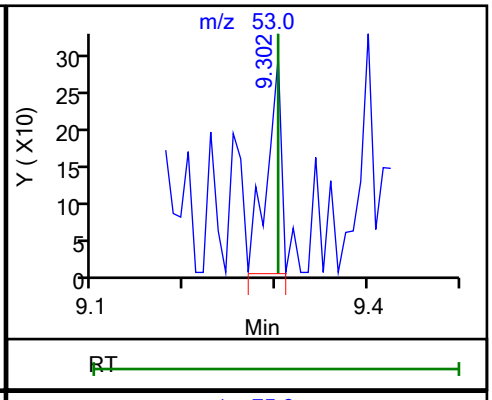
Eurofins Edison

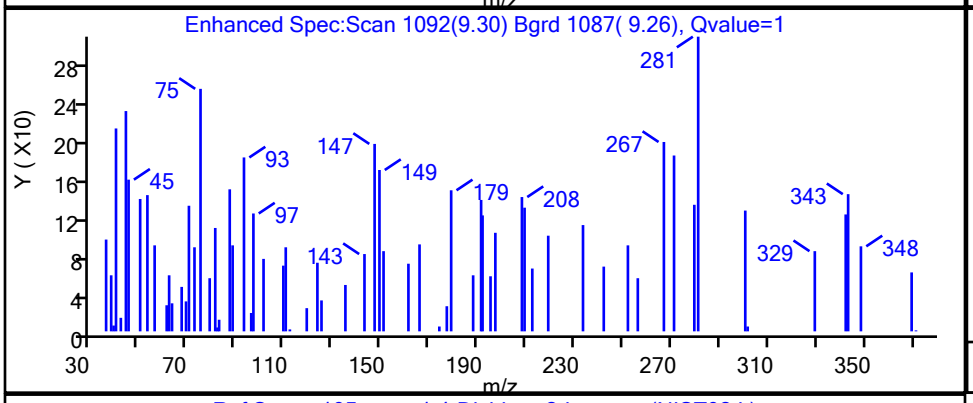
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

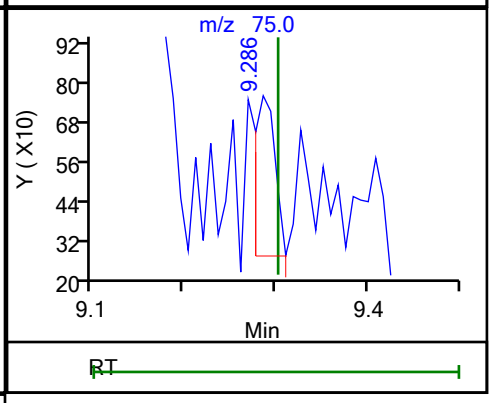
105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

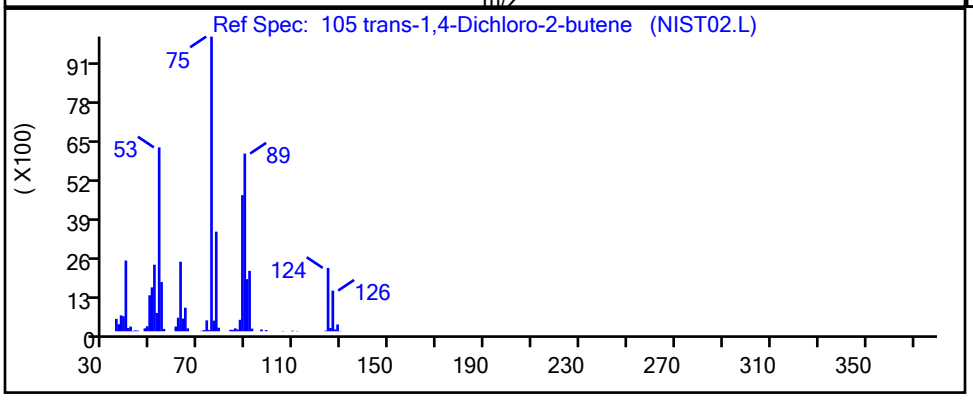
Processing Results











RT	Mass	Response	Amount
9.30	53.00	321	0.200000
9.29	75.00	751	

Reviewer: HVW2, 21-Jan-2026 00:48:48 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

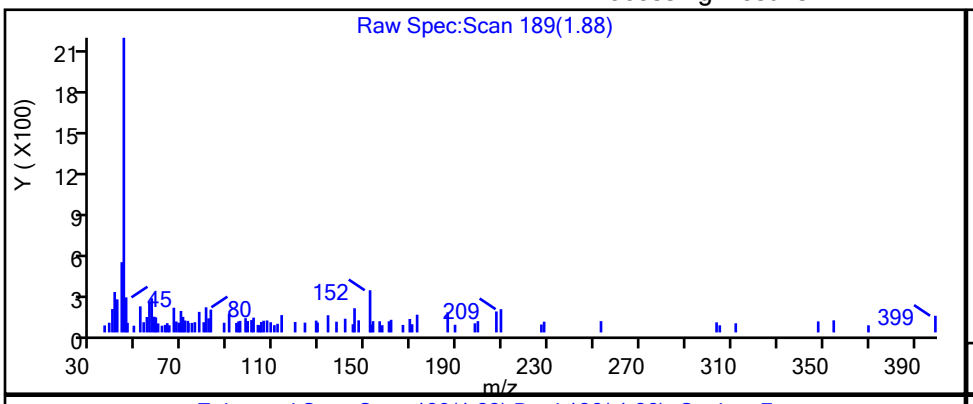
User Disabled Compound Report

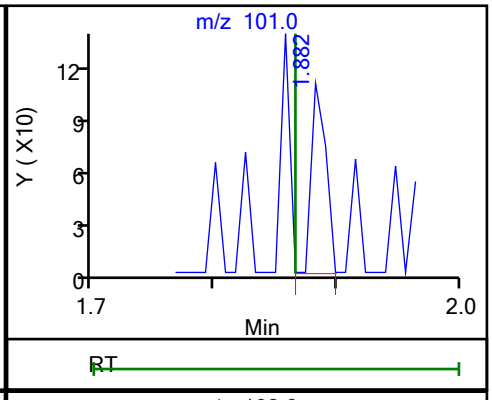
Eurofins Edison

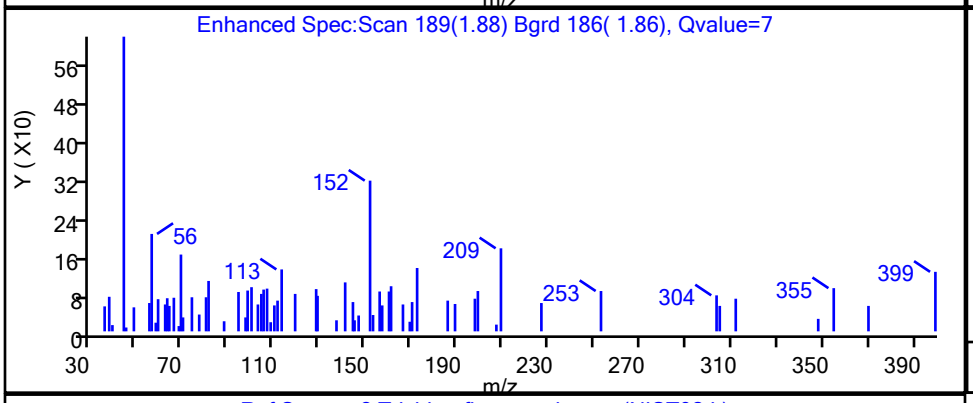
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

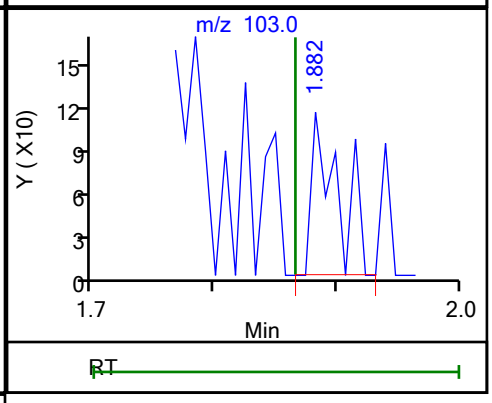
8 Trichlorofluoromethane, CAS: 75-69-4

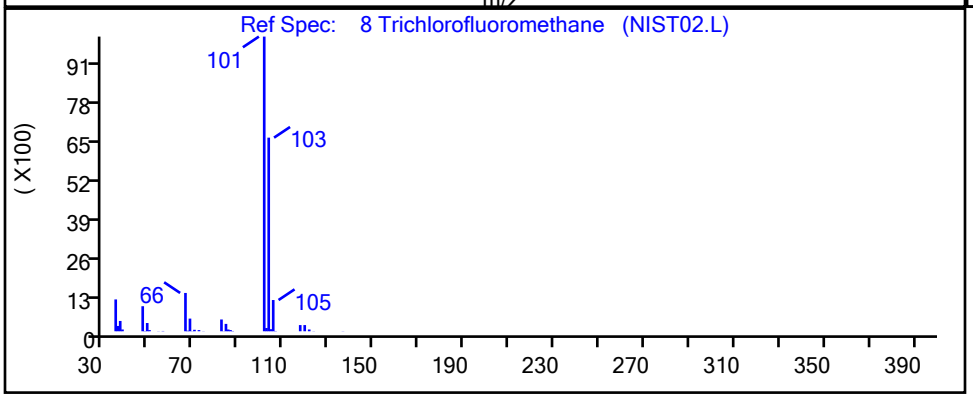
Processing Results











RT	Mass	Response	Amount
1.88	101.00	91	0.016796
1.88	103.00	167	

Reviewer: HVW2, 21-Jan-2026 00:46:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

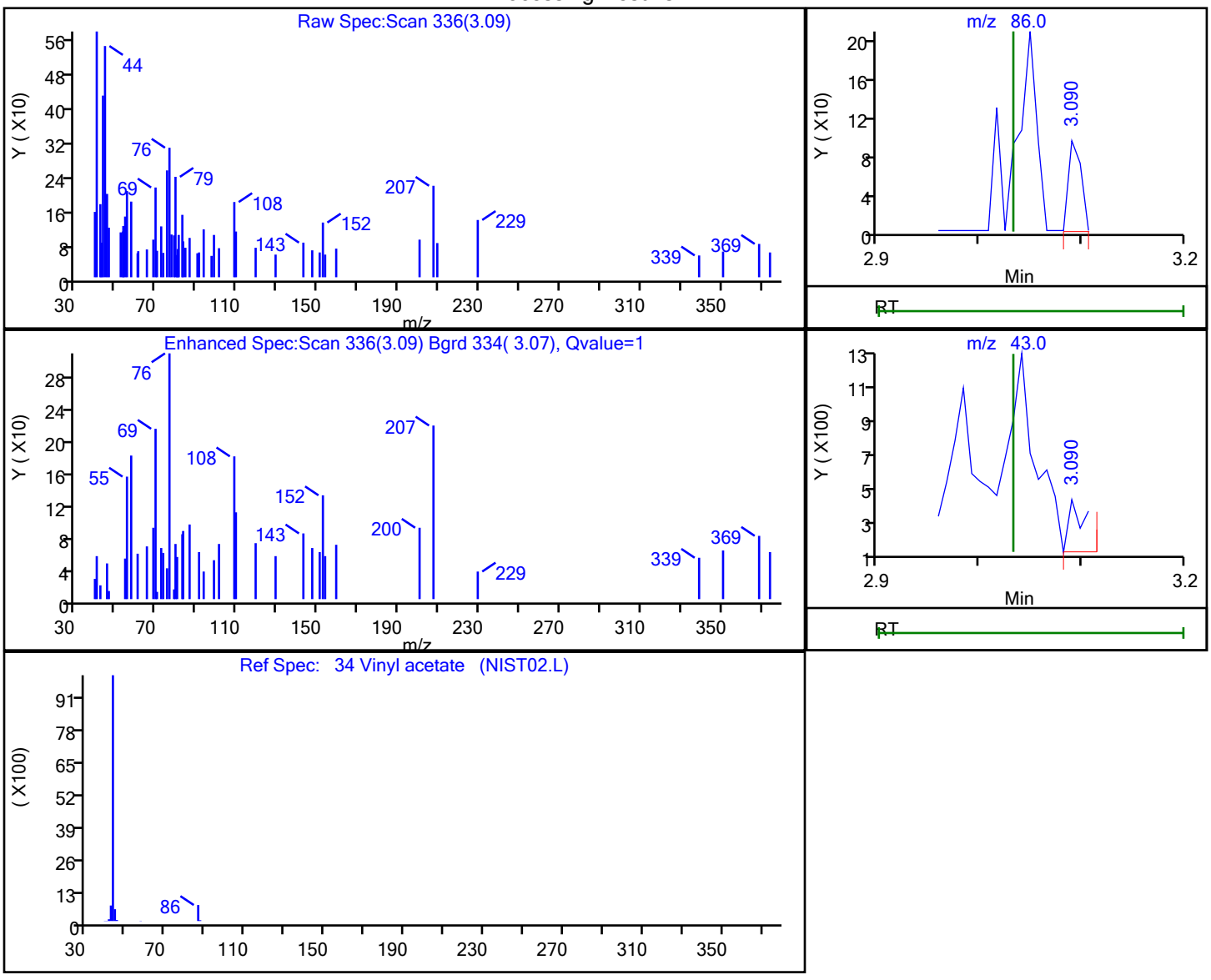
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
3.09	86.00	79	0.251798
3.09	43.00	360	

Reviewer: HVW2, 21-Jan-2026 00:46:51 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

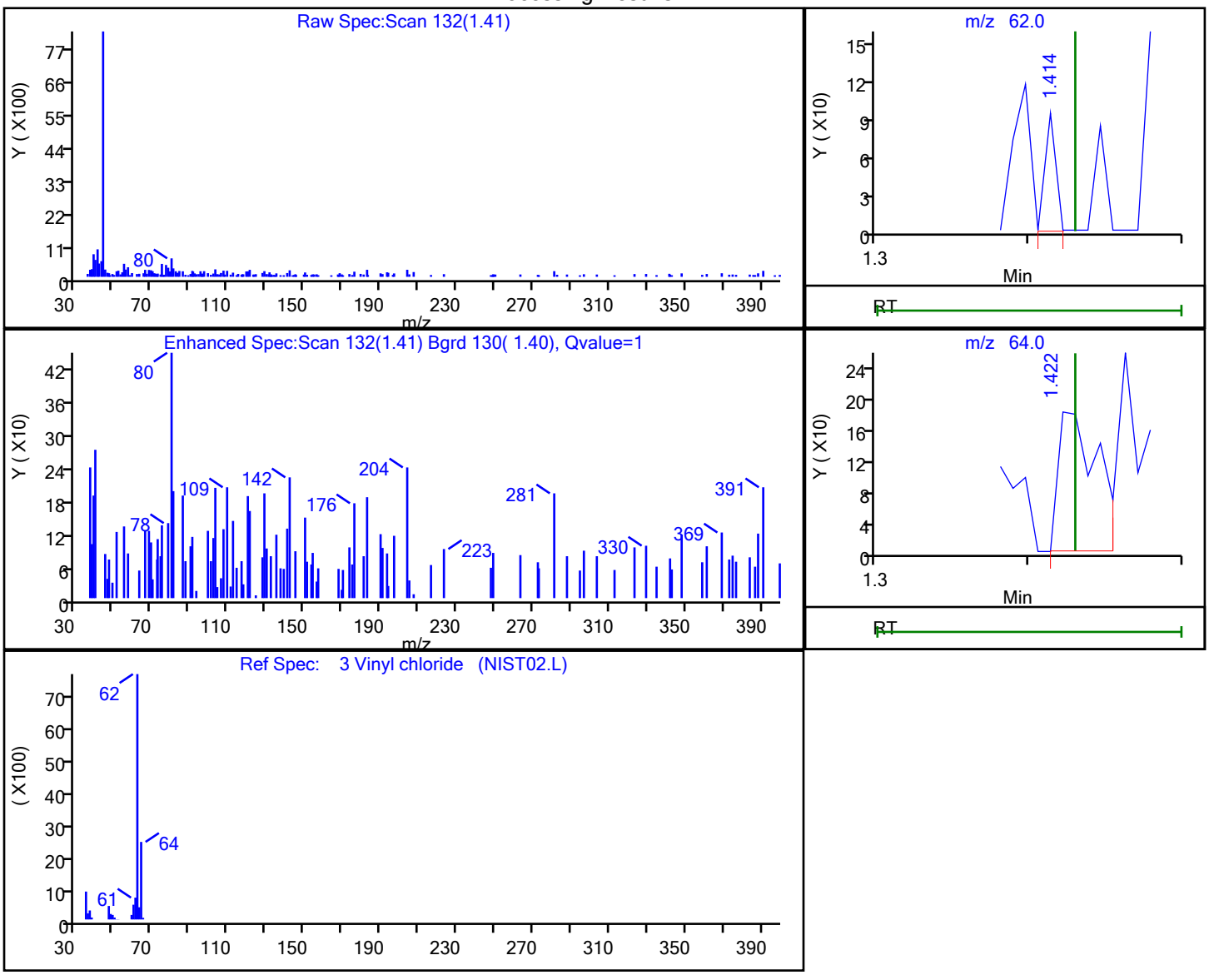
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59222.D
Injection Date: 21-Jan-2026 00:00:30 Instrument ID: CVOAMS6
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

3 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.41	62.00	46	0.006959
1.42	64.00	324	

Reviewer: HVW2, 21-Jan-2026 00:46:12 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 21-Jan-2026 00:21:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0201827-004
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Jan-2026 11:04:53 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: HVW2 Date: 21-Jan-2026 00:51:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Butadiene	54	1.405	1.414	-0.009	29	1515	0.2500	0.2749	
* 25 TBA-d9 (IS)	65	2.515	2.523	-0.008	99	216188	1000.0	1000.0	
30 Acrylonitrile	53	2.778	2.753	0.025	25	1977	2.00	1.91	Ma
* 38 2-Butanone-d5	46	3.435	3.435	0.000	91	194329	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	96	165589	50.0	50.1	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	91	146069	50.0	46.4	
* 61 Fluorobenzene	96	4.405	4.405	0.000	99	697958	50.0	50.0	
* 67 1,4-Dioxane-d8	96	5.037	5.037	0.000	37	22778	1000.0	1000.0	
75 Epichlorohydrin	57	5.728	5.662	0.066	1	752	5.00	2.29	
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	100	652915	50.0	51.3	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	84	462395	50.0	50.0	
$ 100 4-Bromofluorobenzene	174	9.064	9.055	0.009	87	168228	50.0	50.4	
* 116 1,4-Dichlorobenzene-d4	152	9.967	9.968	-0.001	96	254824	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00193	Amount Added:	0.00	Units: uL	
GASES Li_00680	Amount Added:	2.50	Units: uL	
14DIOXINTER_00193	Amount Added:	0.00	Units: uL	
524FREONS_00049	Amount Added:	0.00	Units: uL	
GAS Hi_00516	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00170	Amount Added:	0.00	Units: uL	
MIX I Hi_00197	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00217	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00146	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00085	Amount Added:	5.00	Units: uL	Run Reagent

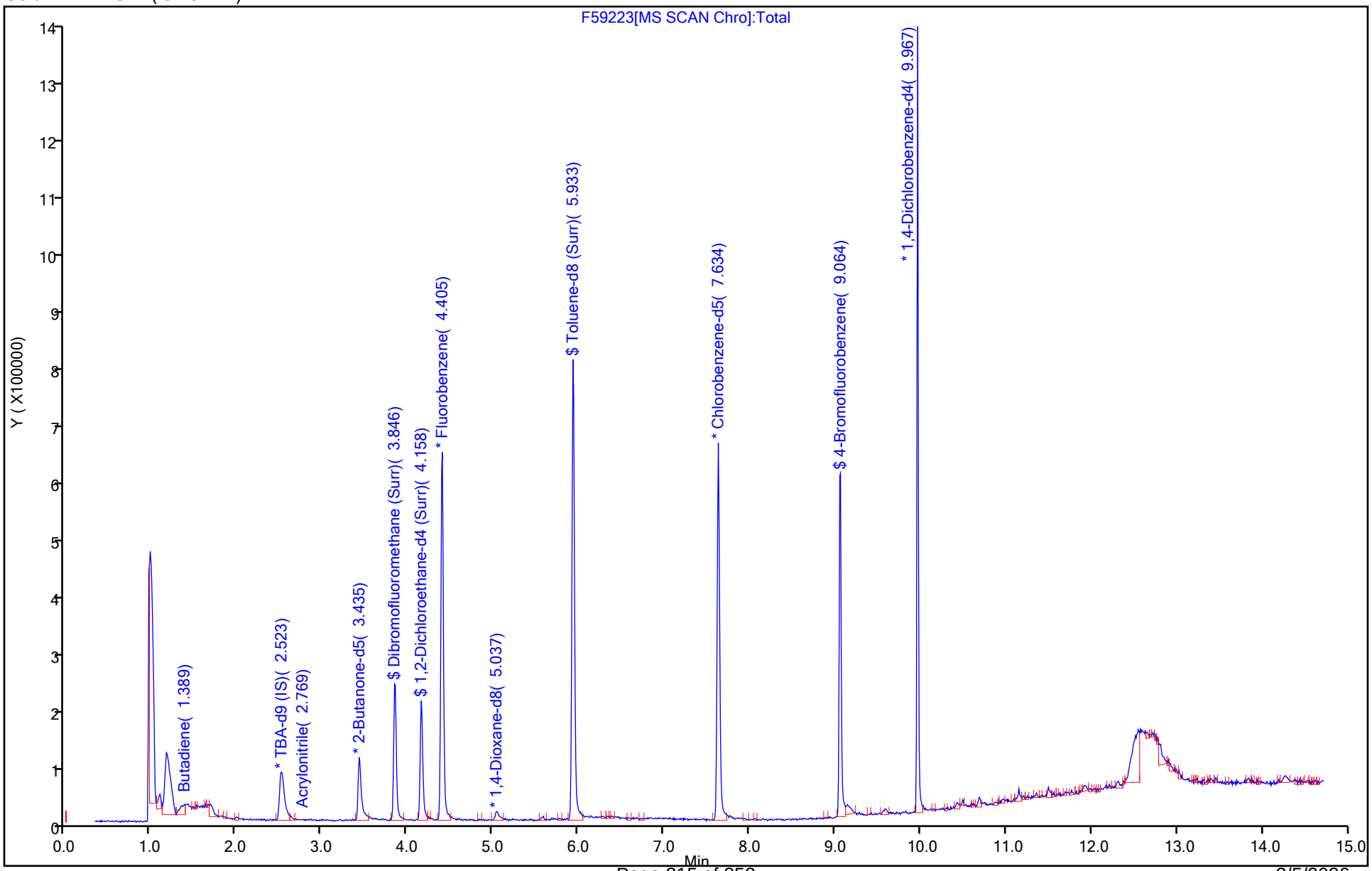
Report Date: 24-Jan-2026 11:04:54 Chrom Revision: 2.3 27-Dec-2025 13:45:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D

Injection Date:	21-Jan-2026 00:21:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



2/5/2026
8:39:33 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

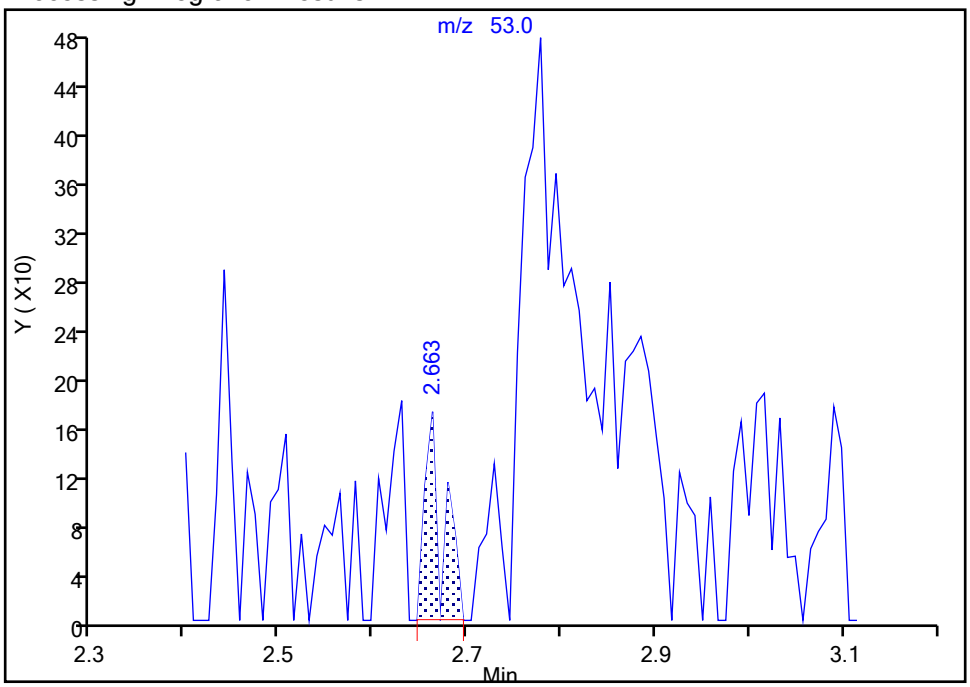
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Acrylonitrile, CAS: 107-13-1

Signal: 1

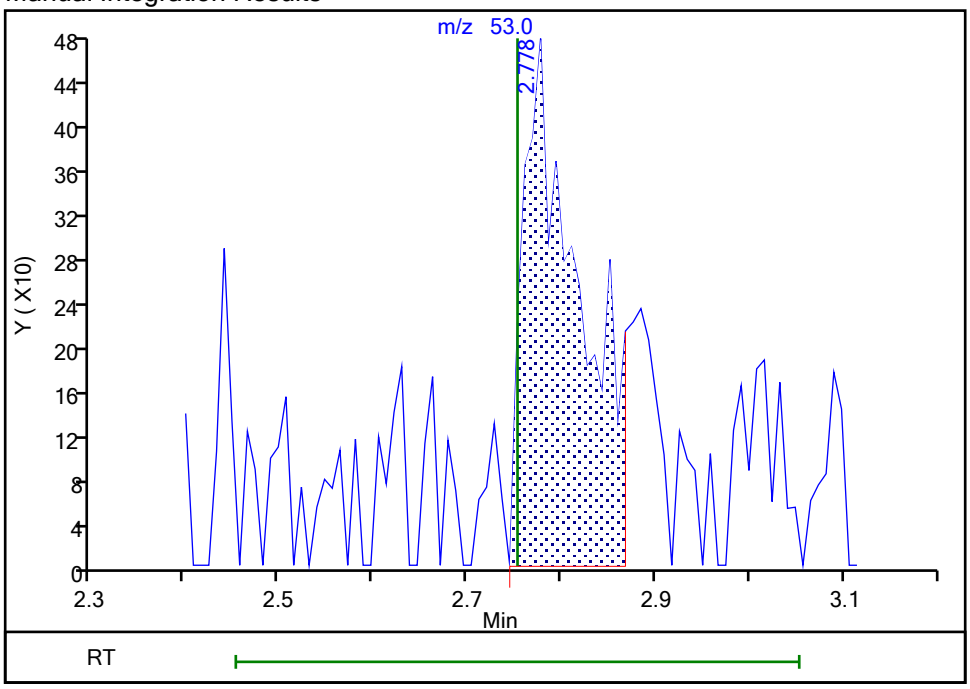
Processing Integration Results

RT: 2.66
Area: 225
Amount: 0.345376
Amount Units: ug/l



Manual Integration Results

RT: 2.78
Area: 1977
Amount: 1.913099
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:17:02 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

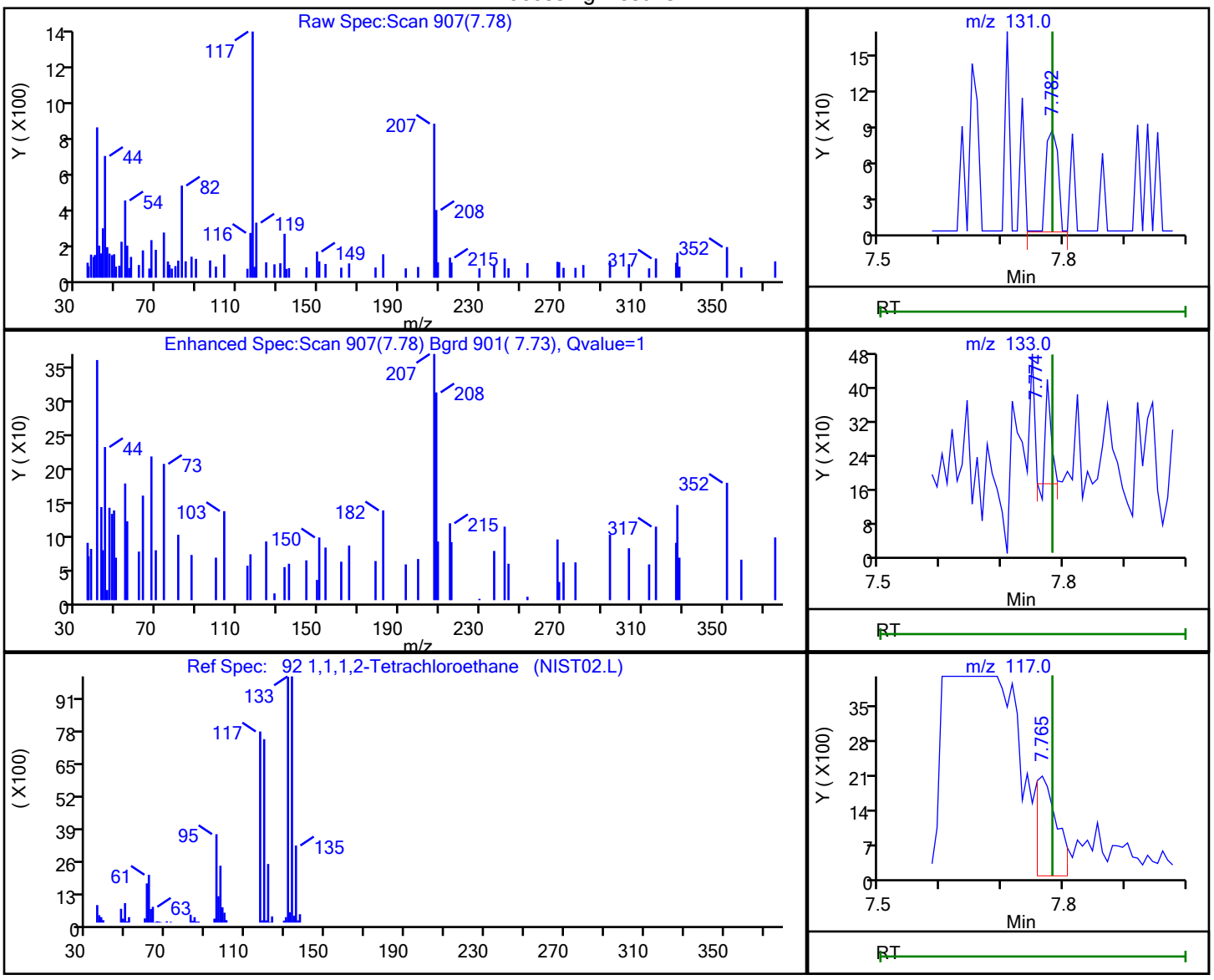
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

92 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
7.78	131.00	108	0.034538
7.77	133.00	147	
7.77	117.00	4763	

Reviewer: NN6A, 24-Jan-2026 10:17:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

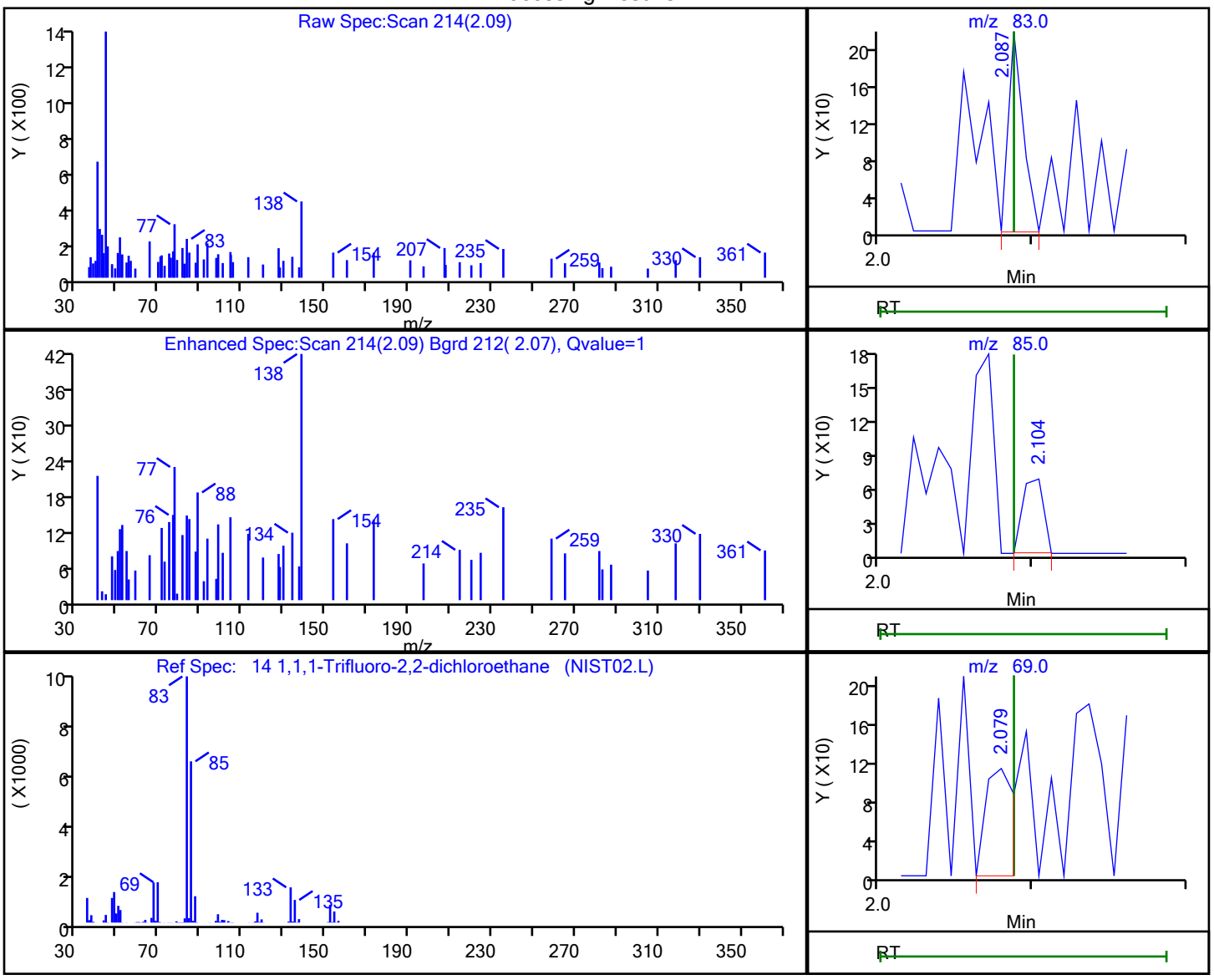
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.09	83.00	142	0.018195
2.10	85.00	63	
2.08	69.00	148	
2.08	67.00	177	

Reviewer: NN6A, 24-Jan-2026 10:16:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

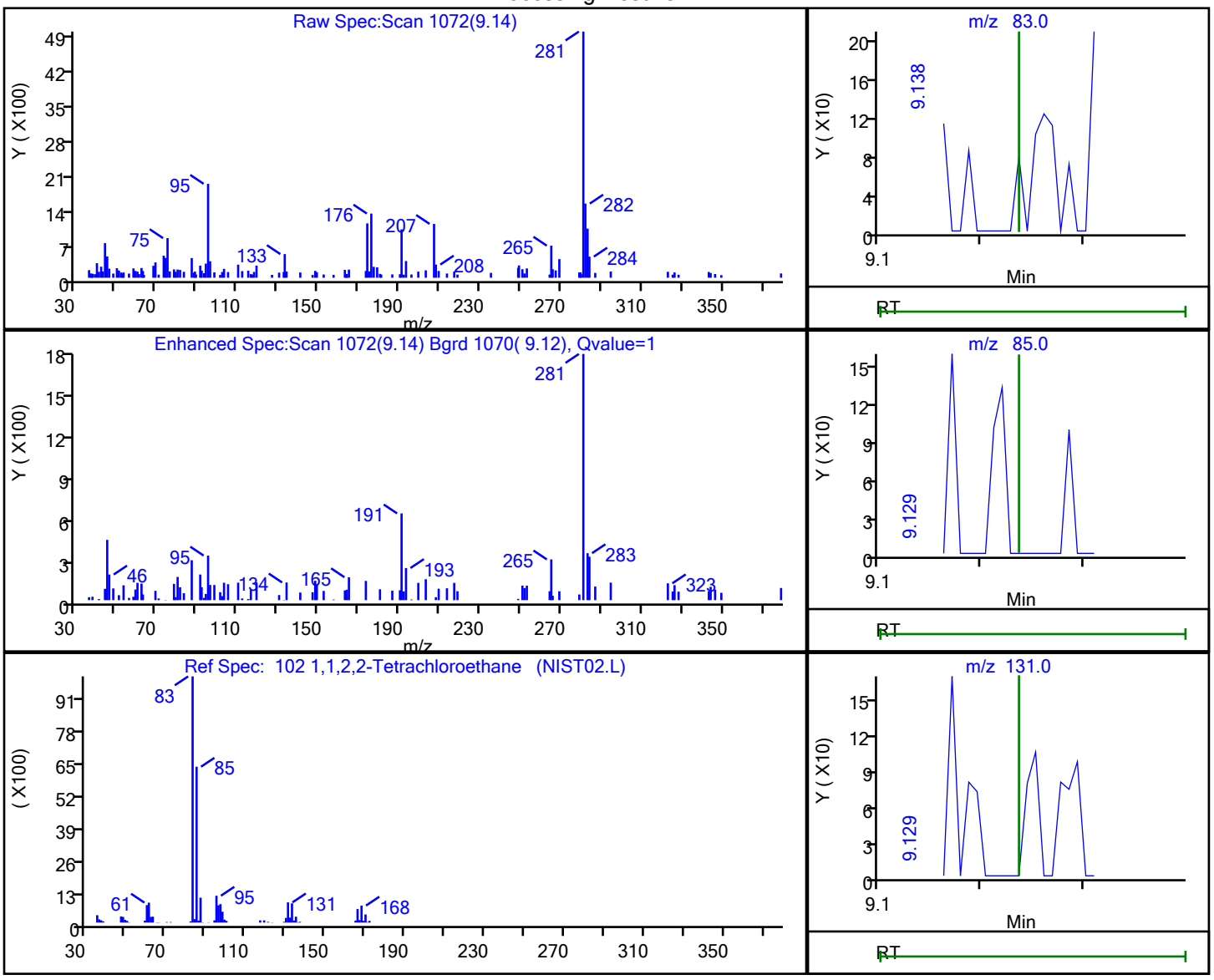
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

102 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
9.14	83.00	149	0.026658
9.13	85.00	160	
9.13	131.00	94	

Reviewer: HVW2, 21-Jan-2026 00:51:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

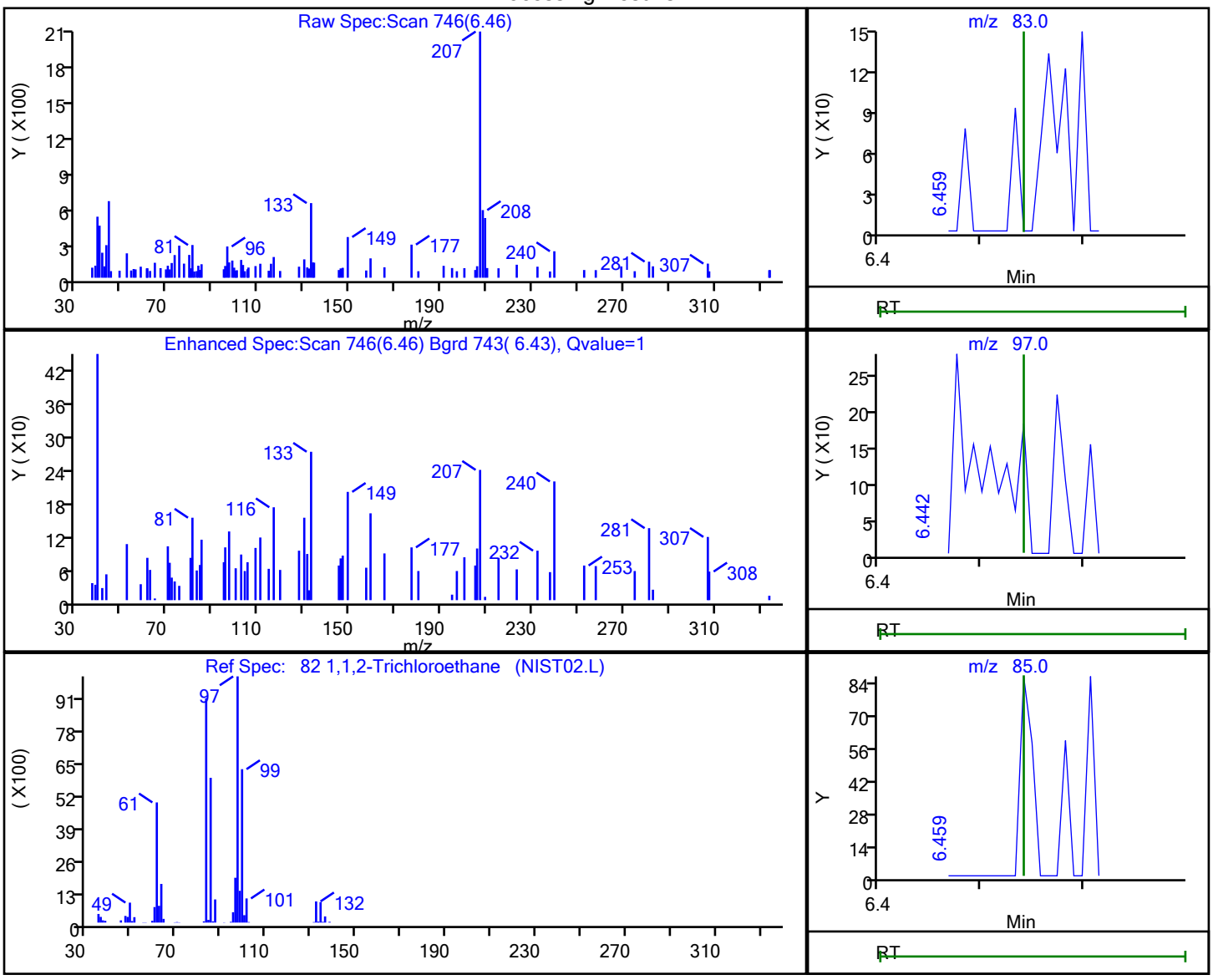
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.46	83.00	100	0.047491
6.44	97.00	129	
6.46	85.00	86	

Reviewer: HVW2, 21-Jan-2026 00:51:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

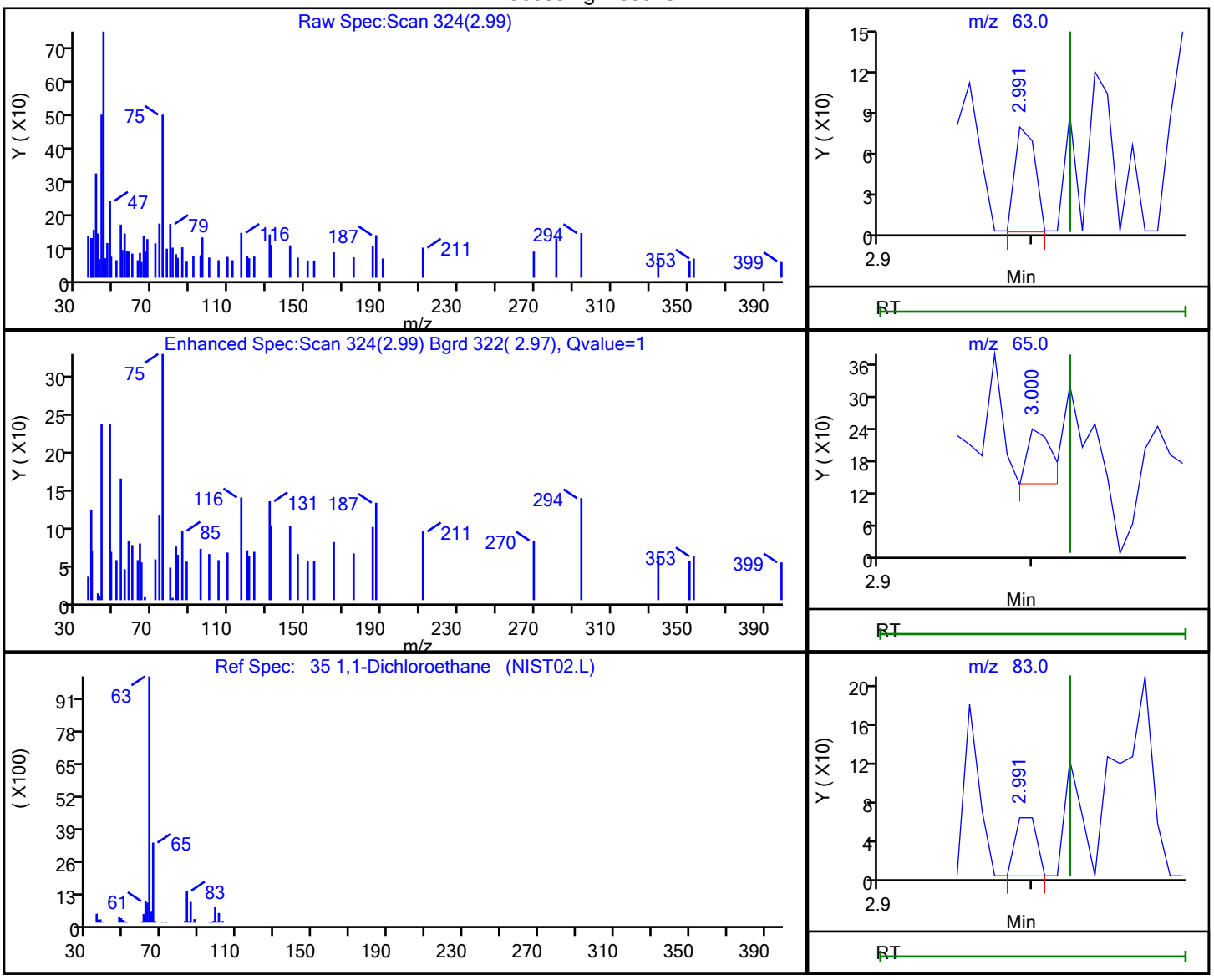
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

35 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
2.99	63.00	69	0.008442
3.00	65.00	116	
2.99	83.00	59	

Reviewer: NN6A, 24-Jan-2026 10:17:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

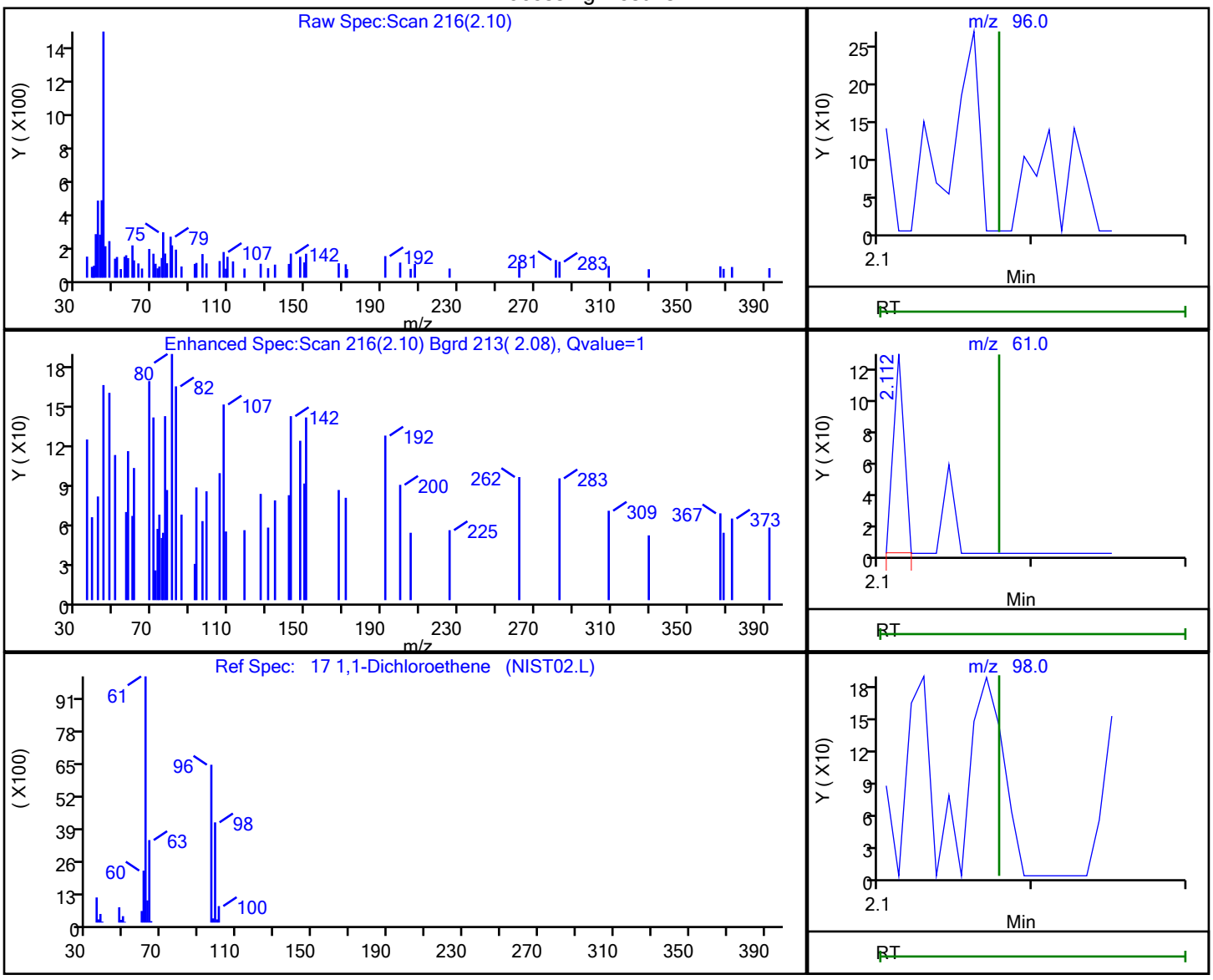
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.10	96.00	100	0.021444
2.11	61.00	63	
2.09	98.00	105	
2.11	63.00	105	

Reviewer: NN6A, 24-Jan-2026 10:16:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

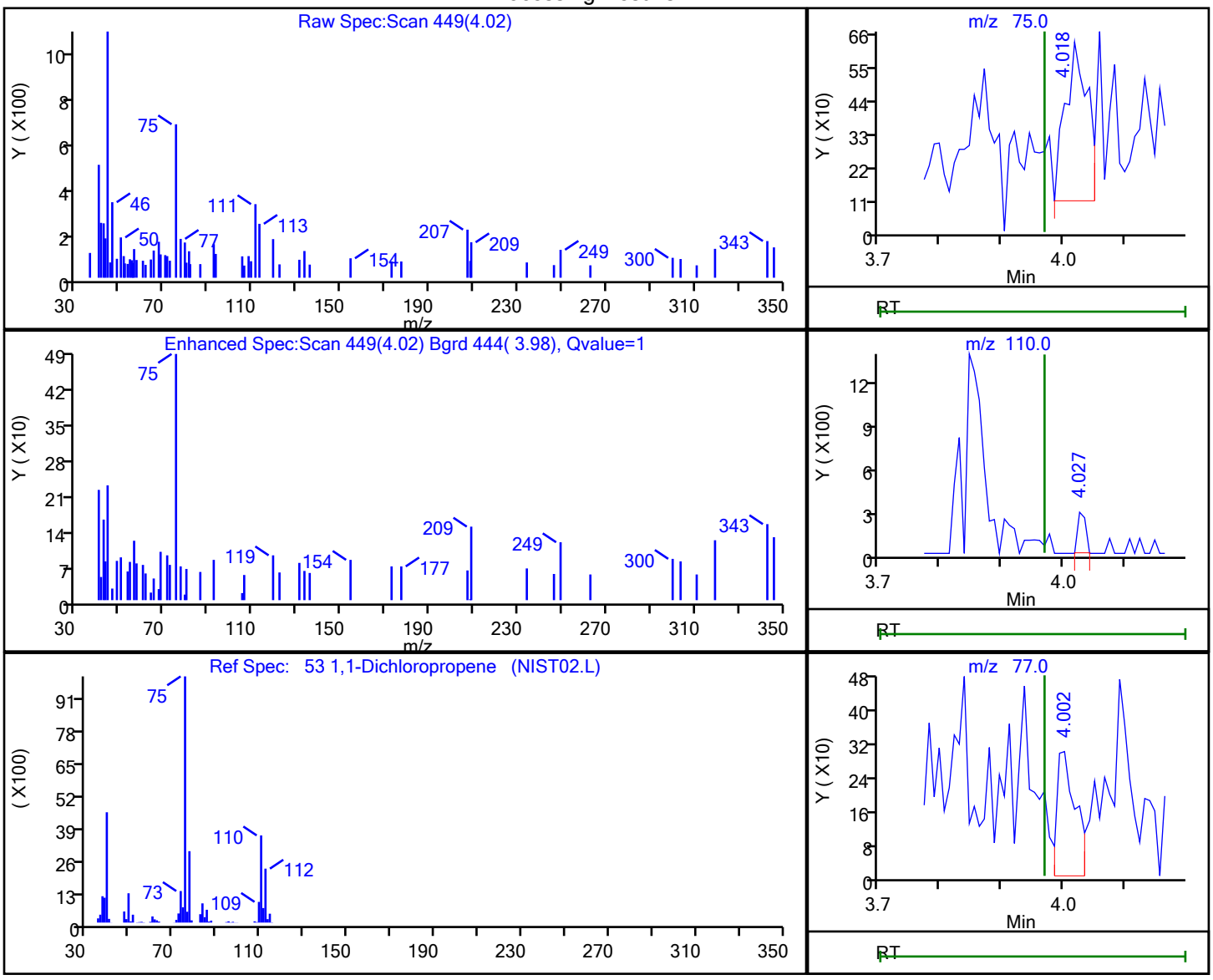
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.02	75.00	1367	0.211182
4.03	110.00	259	
4.00	77.00	639	

Reviewer: NN6A, 24-Jan-2026 10:17:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

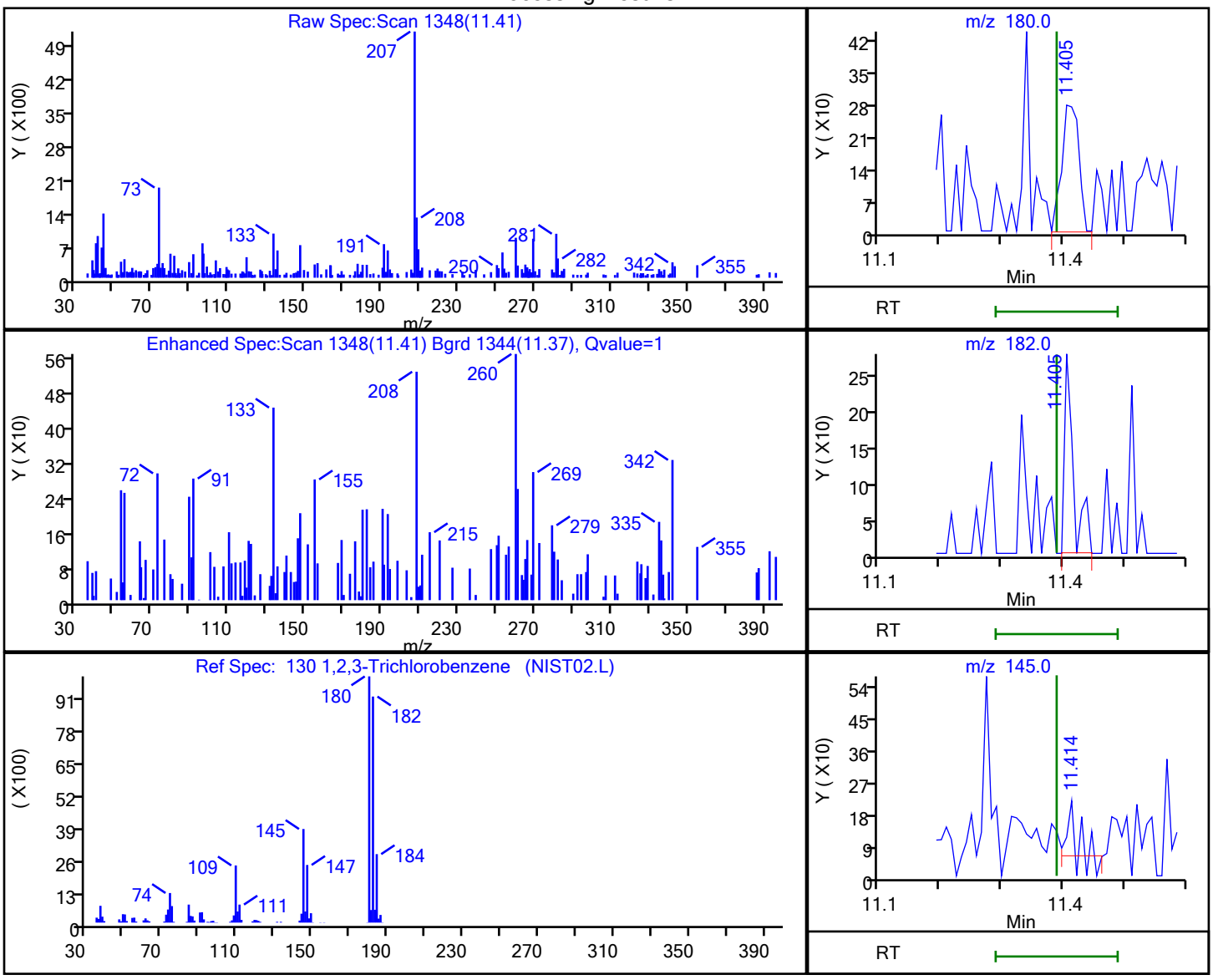
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

130 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
11.41	180.00	529	0.073499
11.41	182.00	280	
11.41	145.00	128	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

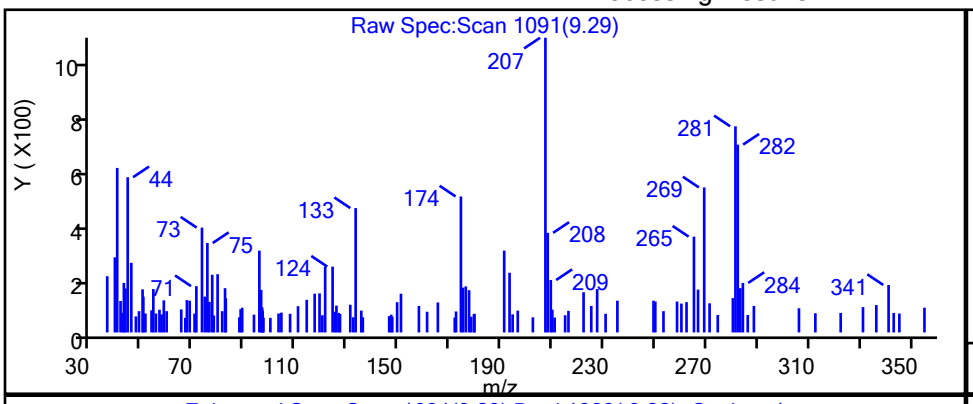
User Disabled Compound Report

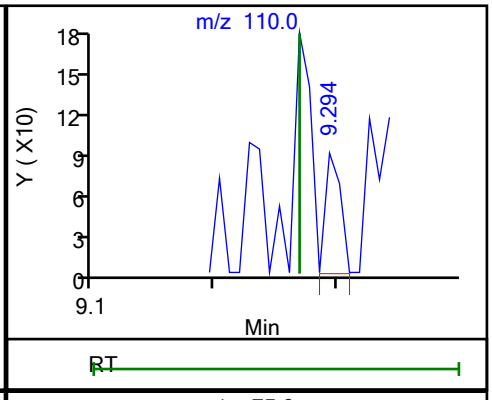
Eurofins Edison

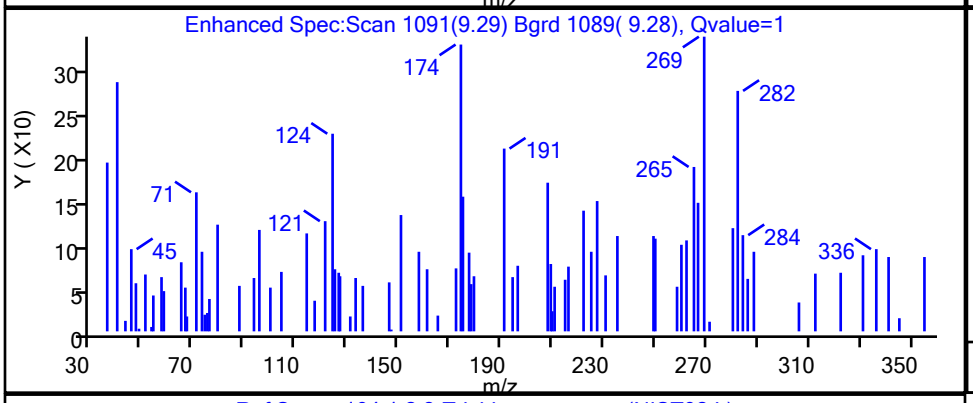
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

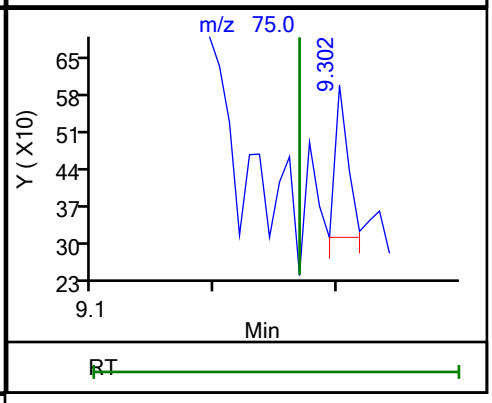
104 1,2,3-Trichloropropane, CAS: 96-18-4

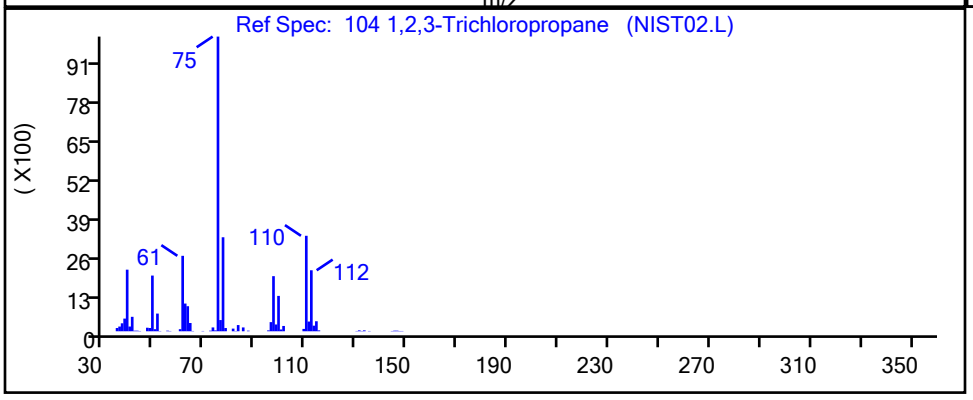
Processing Results











RT	Mass	Response	Amount
9.29	110.00	77	0.060941
9.30	75.00	207	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

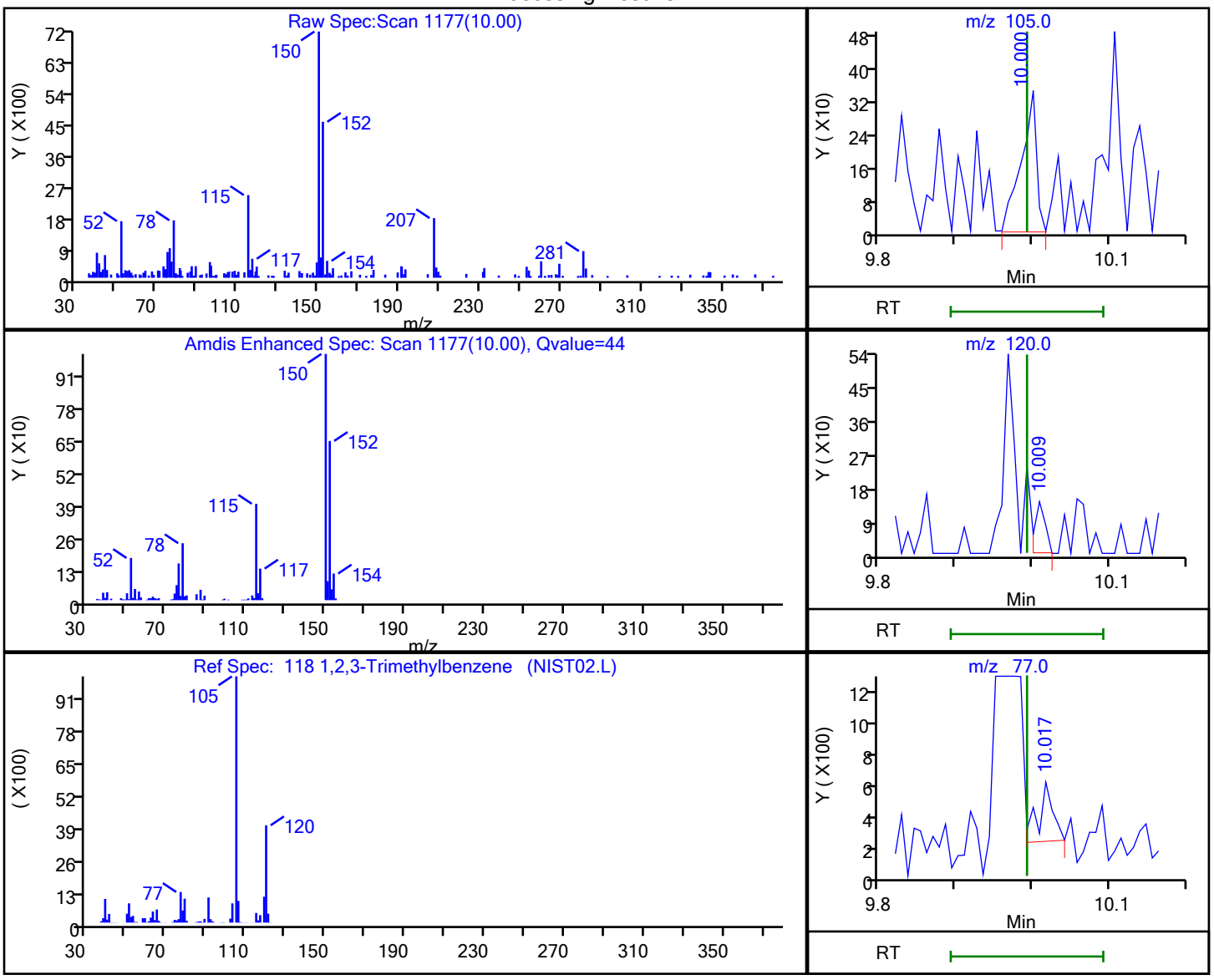
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

118 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.00	105.00	470	0.023404
10.01	120.00	132	
10.02	77.00	459	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

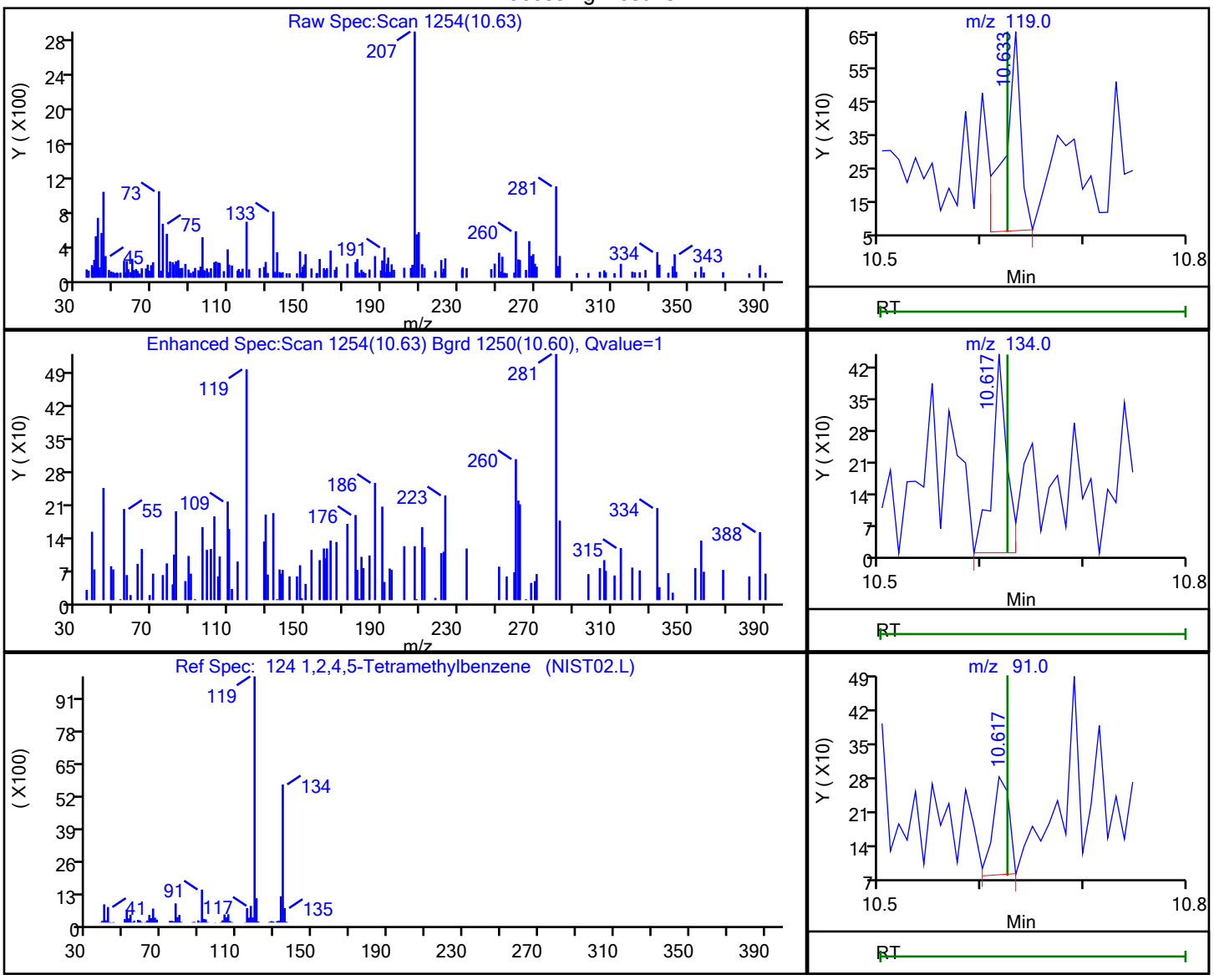
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
10.63	119.00	643	0.030525
10.62	134.00	446	
10.62	91.00	229	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

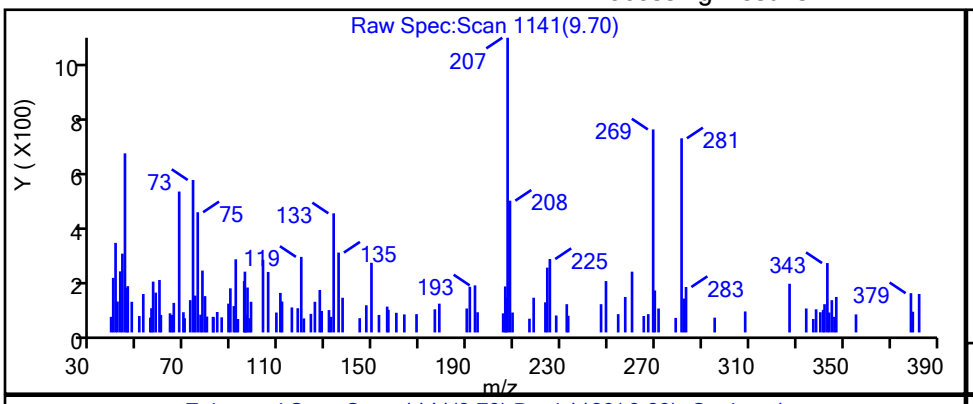
User Disabled Compound Report

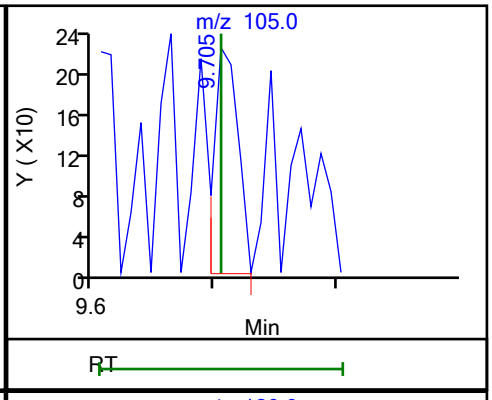
Eurofins Edison

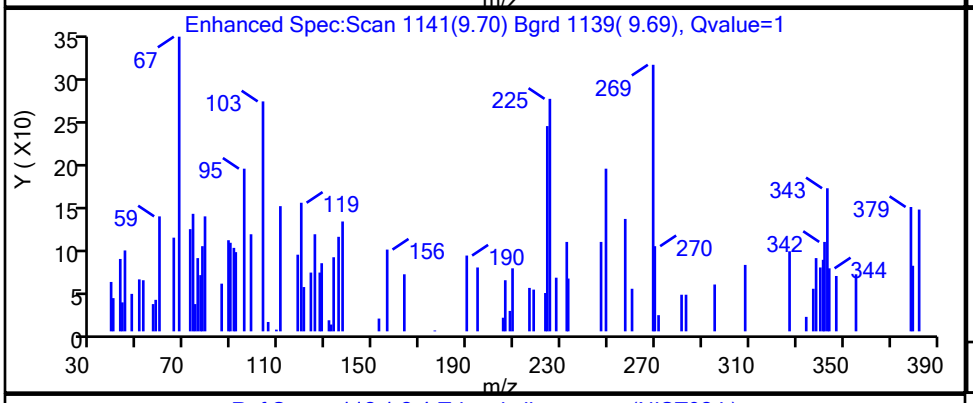
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

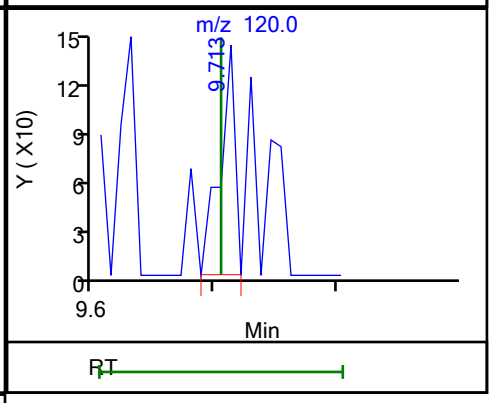
112 1,2,4-Trimethylbenzene, CAS: 95-63-6

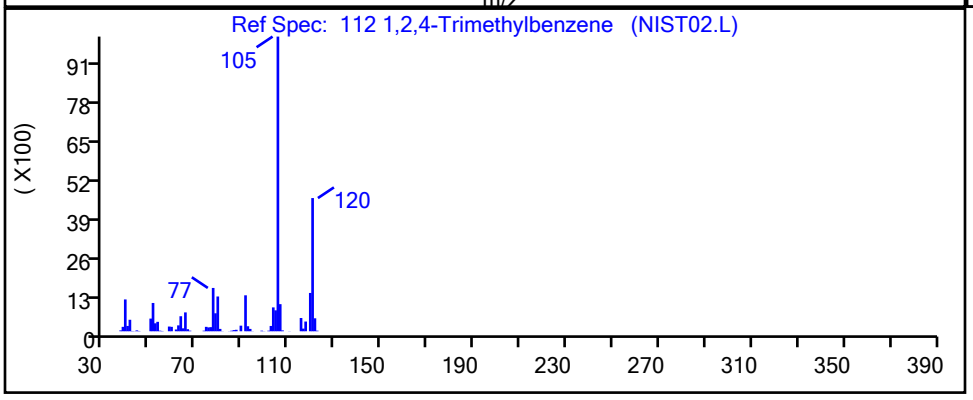
Processing Results











RT	Mass	Response	Amount
9.70	105.00	306	0.016008
9.71	120.00	118	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

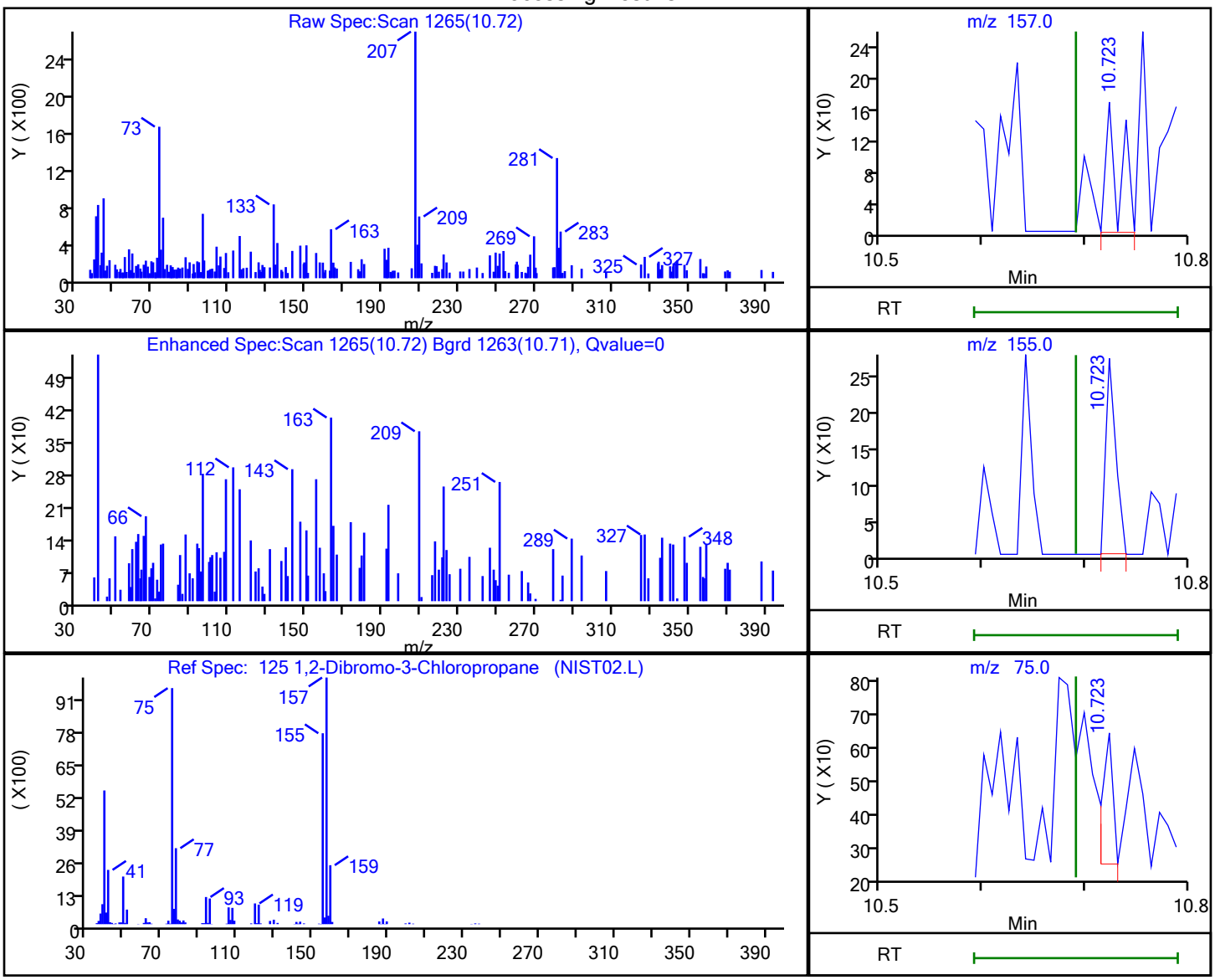
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
10.72	157.00	153	0.149997
10.72	155.00	185	
10.72	75.00	285	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

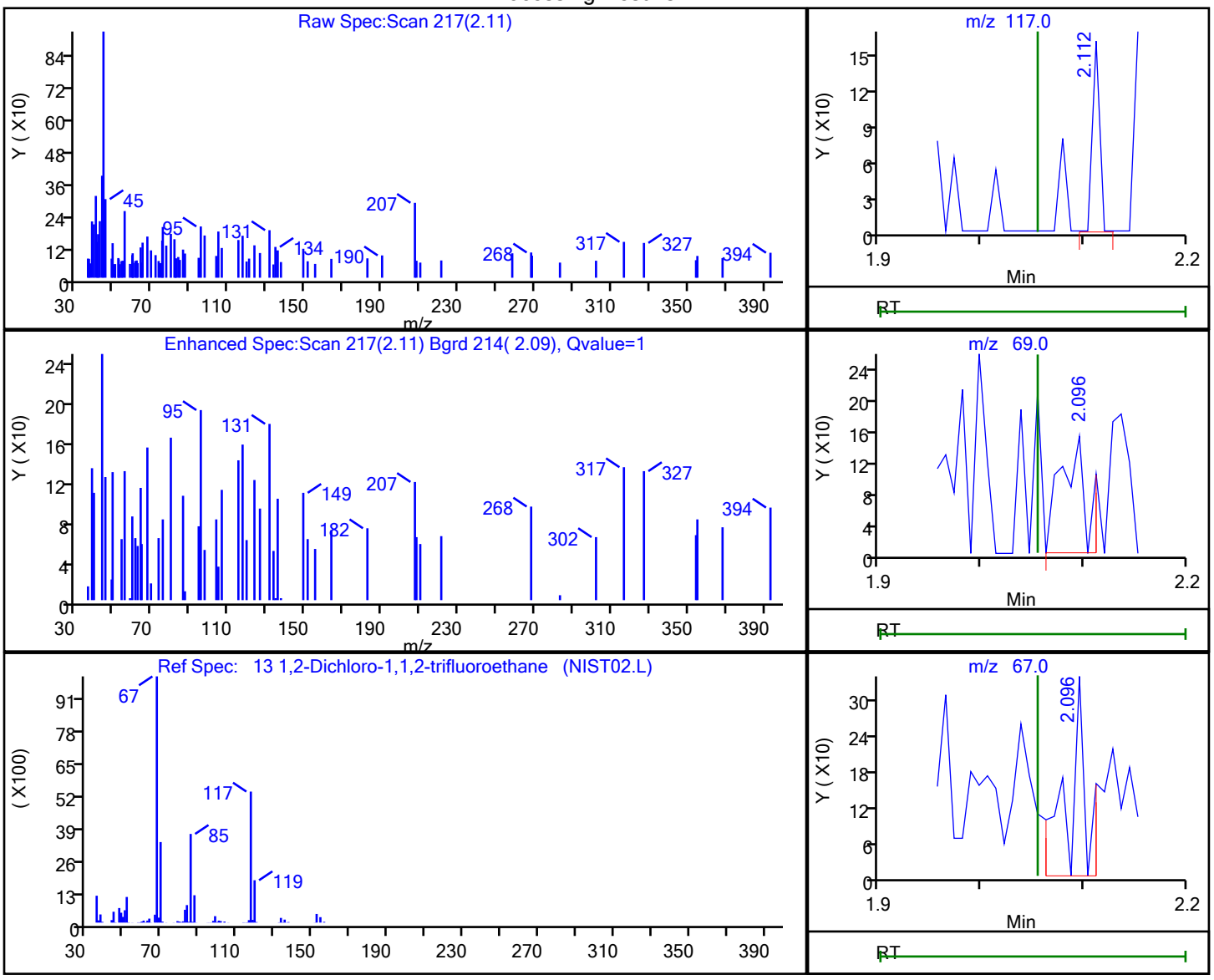
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
2.11	117.00	78	0.017636
2.10	69.00	274	
2.10	67.00	419	
2.11	119.00	84	

Reviewer: NN6A, 24-Jan-2026 10:16:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

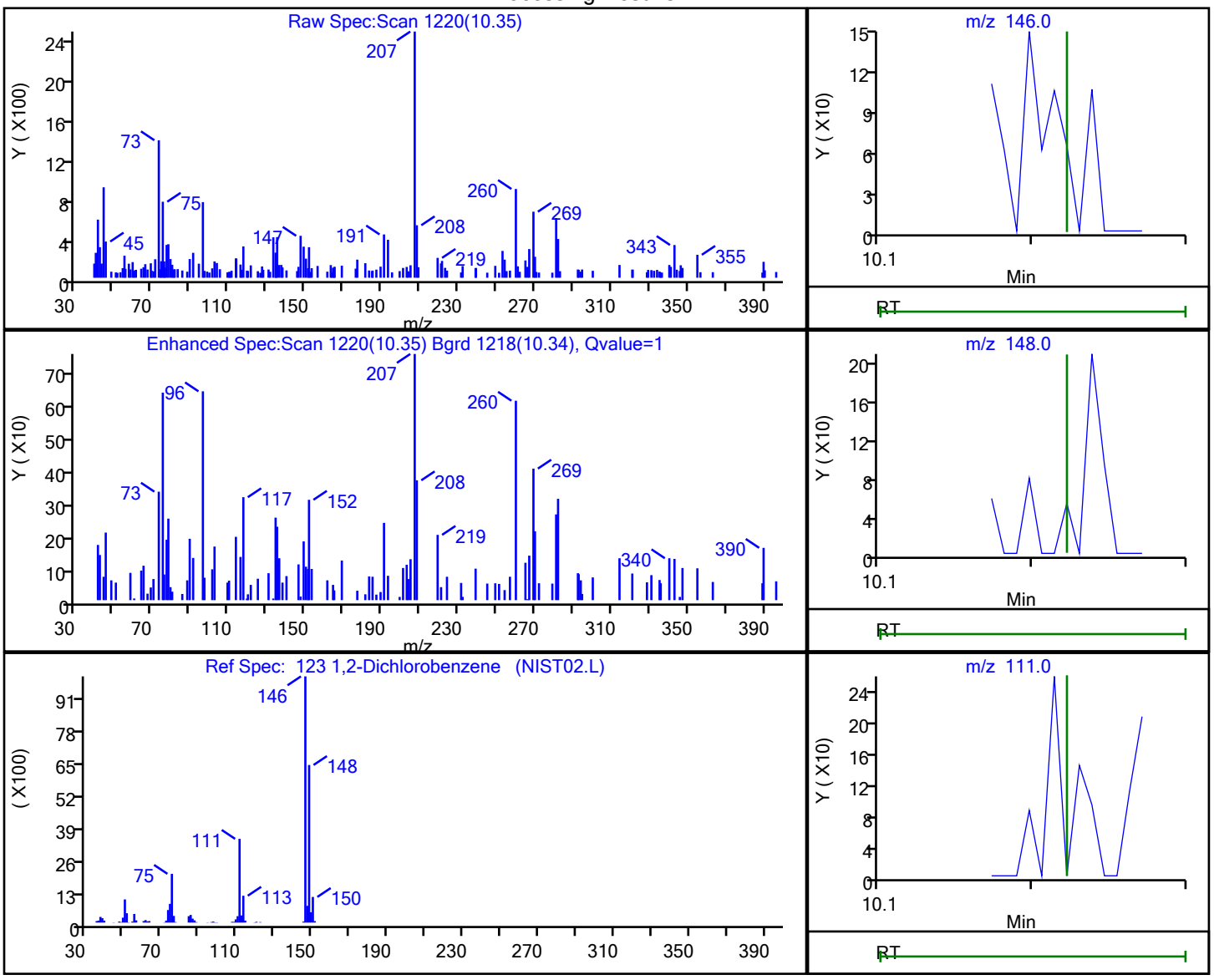
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.35	146.00	54	0.005320
10.35	148.00	92	
10.35	111.00	139	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

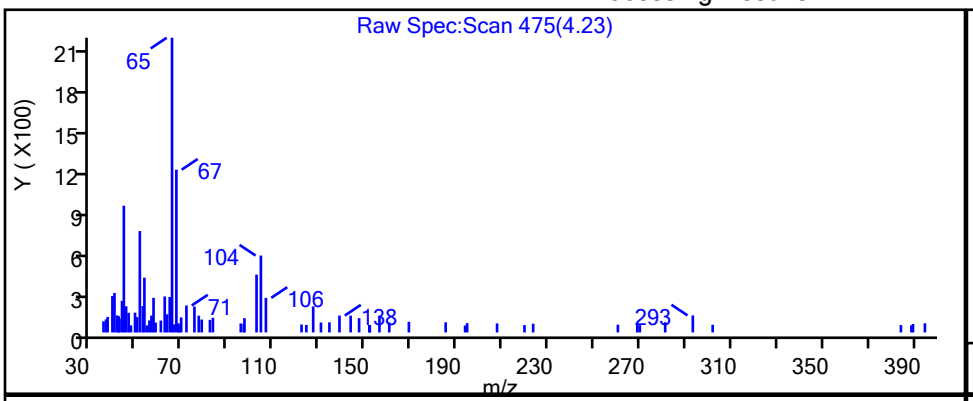
User Disabled Compound Report

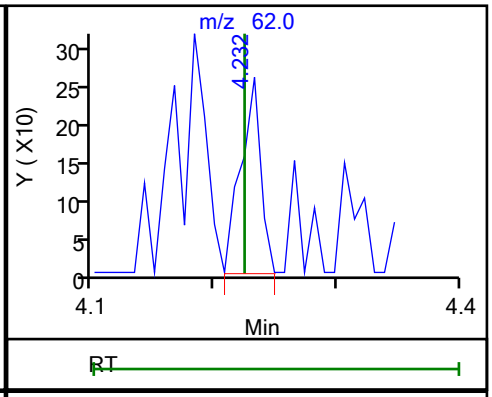
Eurofins Edison

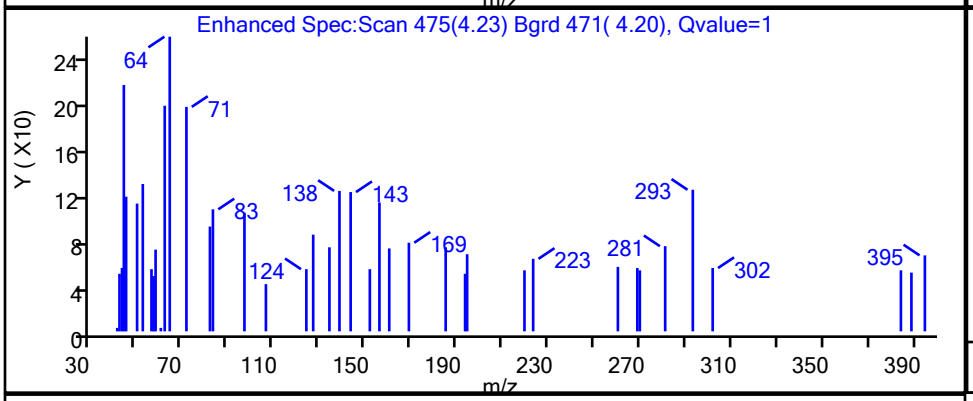
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D				
Injection Date:	21-Jan-2026 00:21:30	Instrument ID:	CVOAMS6		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

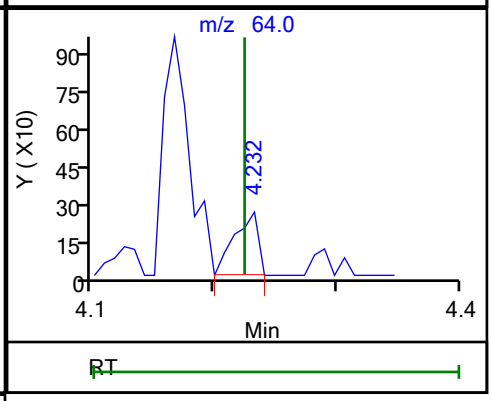
59 1,2-Dichloroethane, CAS: 107-06-2

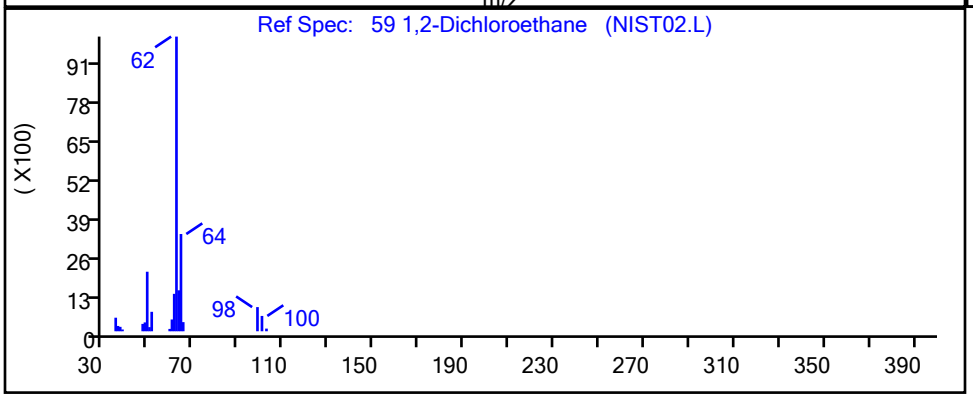
Processing Results











RT	Mass	Response	Amount
4.23	62.00	296	0.048051
4.23	64.00	348	

Reviewer: HVW2, 21-Jan-2026 00:51:18 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

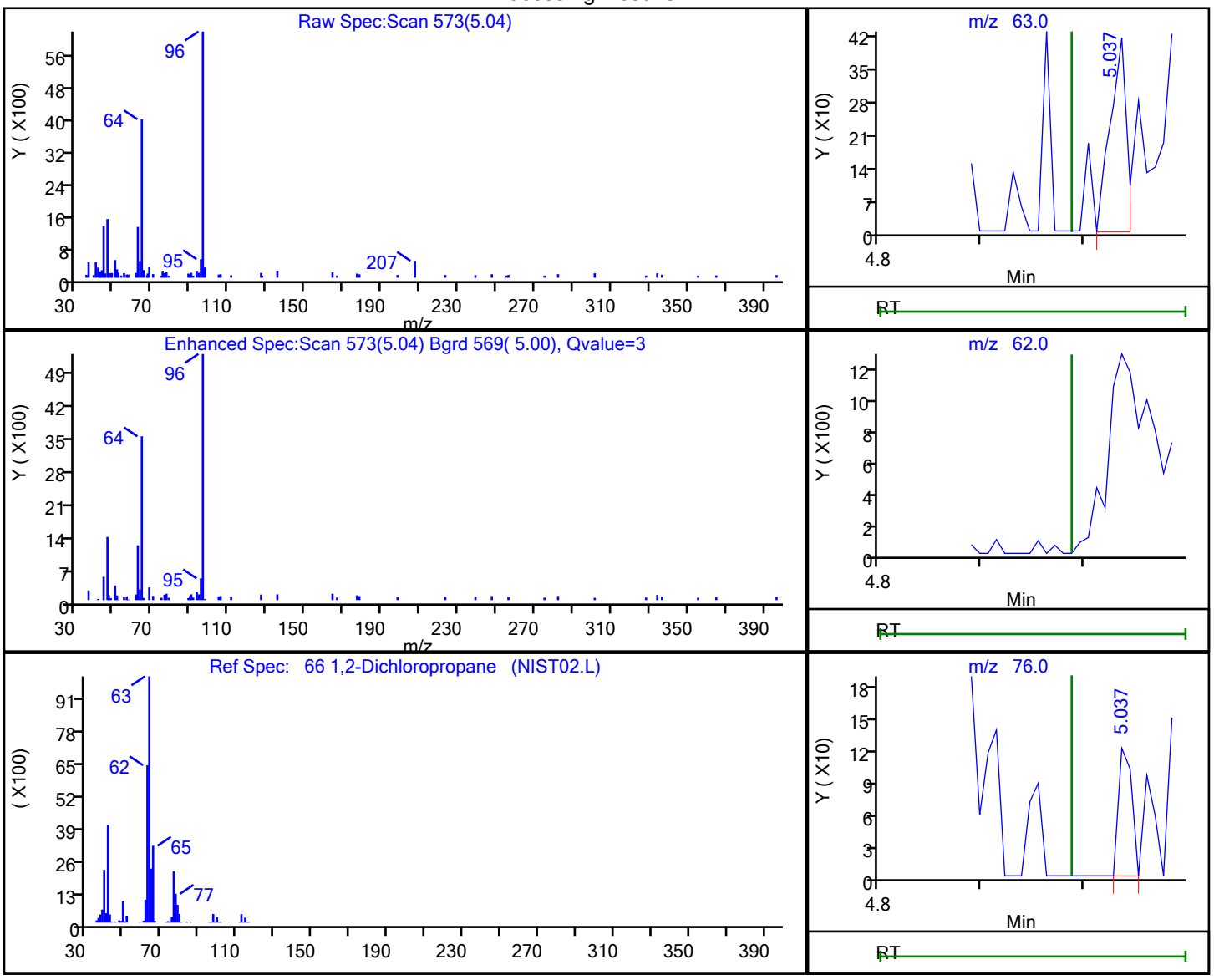
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

66 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
5.04	63.00	466	0.084205
5.04	62.00	4173	
5.04	76.00	106	
4.98	112.00	0	

Reviewer: HVW2, 21-Jan-2026 00:51:20 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

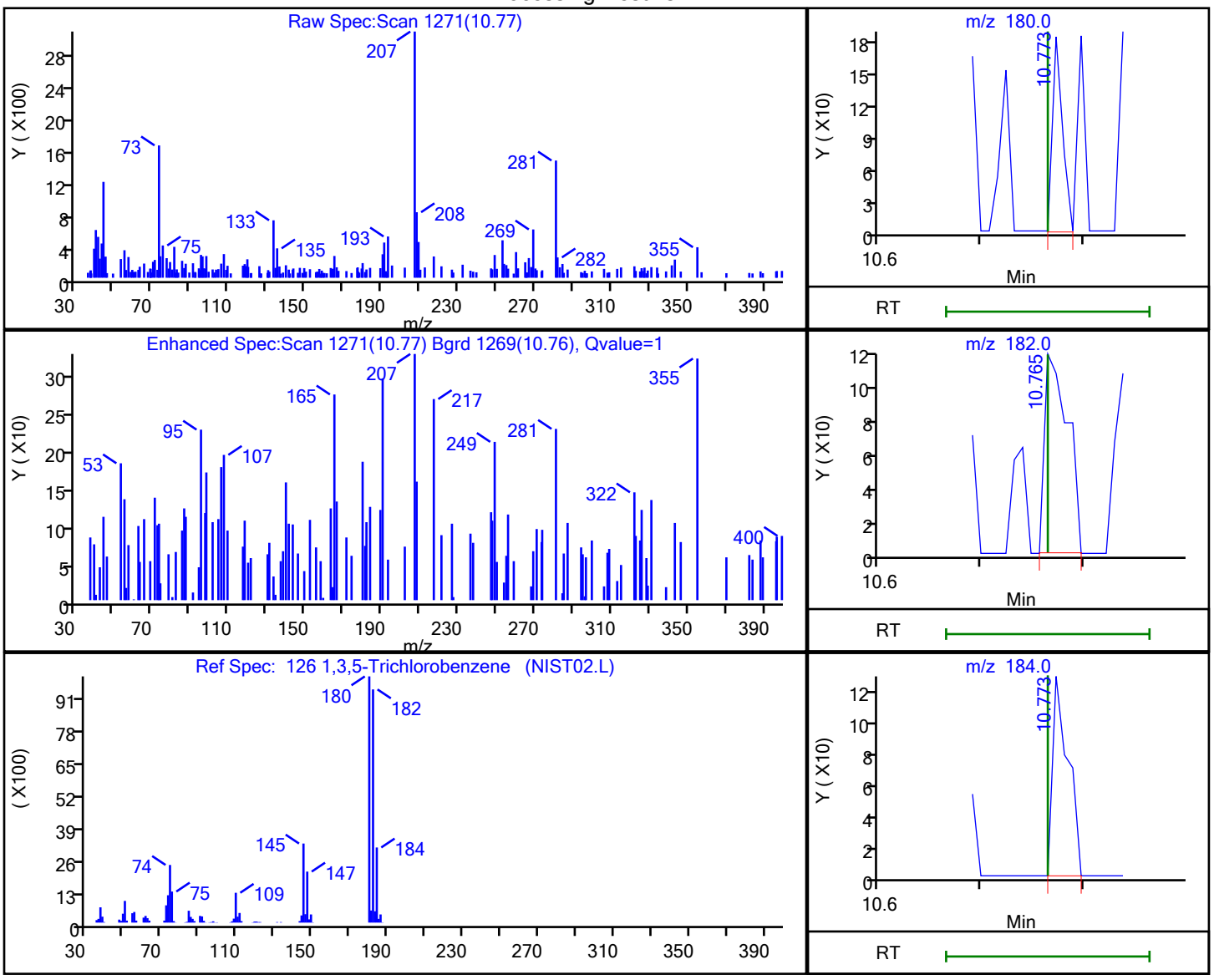
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
10.77	180.00	124	0.014405
10.76	182.00	179	
10.77	184.00	129	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

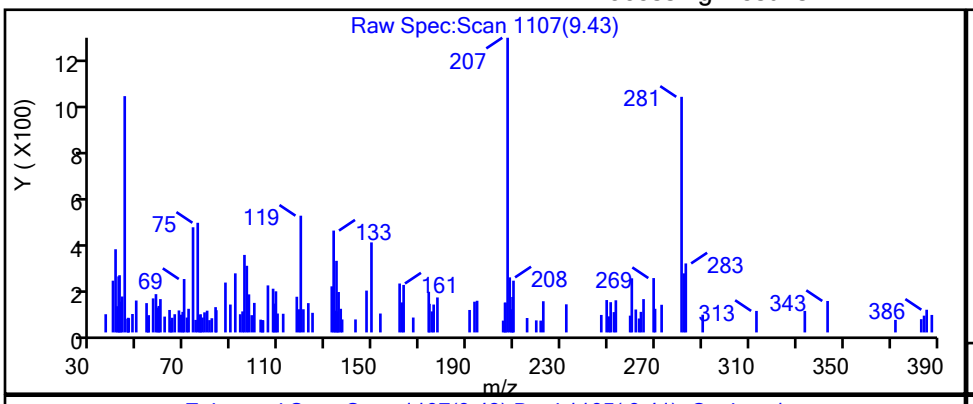
User Disabled Compound Report

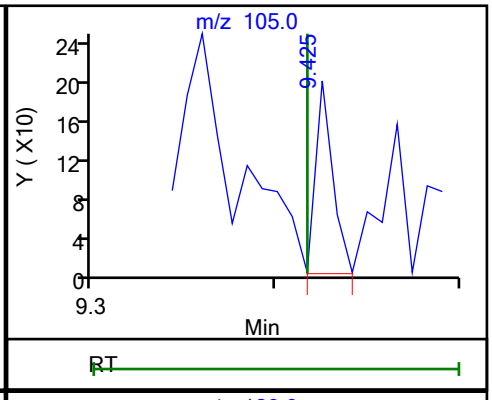
Eurofins Edison

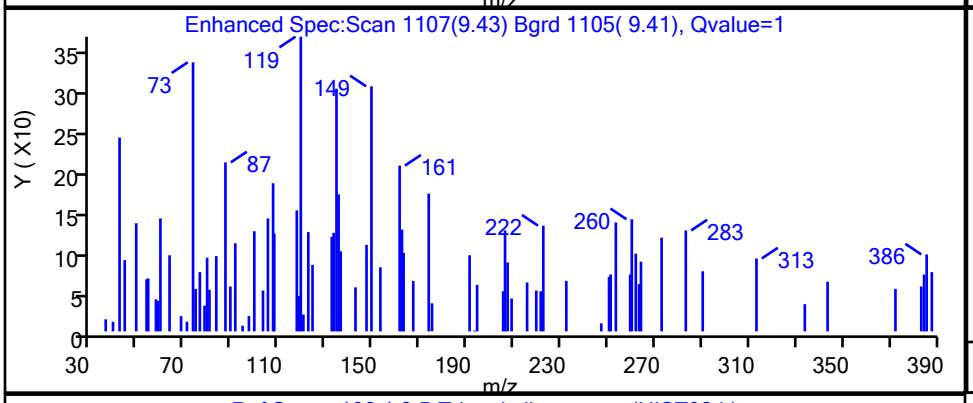
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D				
Injection Date:	21-Jan-2026 00:21:30	Instrument ID:	CVOAMS6		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

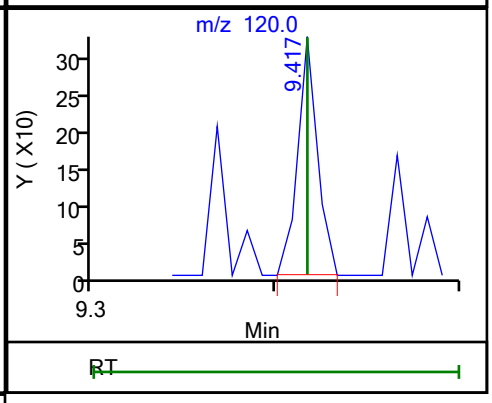
108 1,3,5-Trimethylbenzene, CAS: 108-67-8

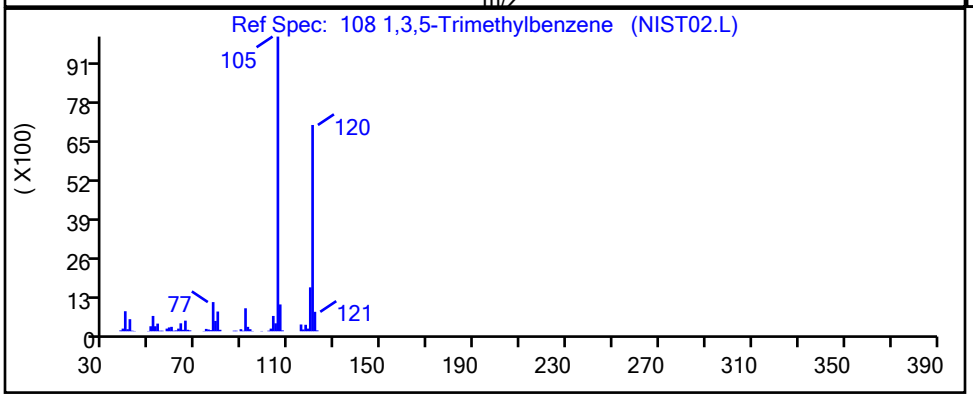
Processing Results











RT	Mass	Response	Amount
9.43	105.00	128	0.006740
9.42	120.00	249	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

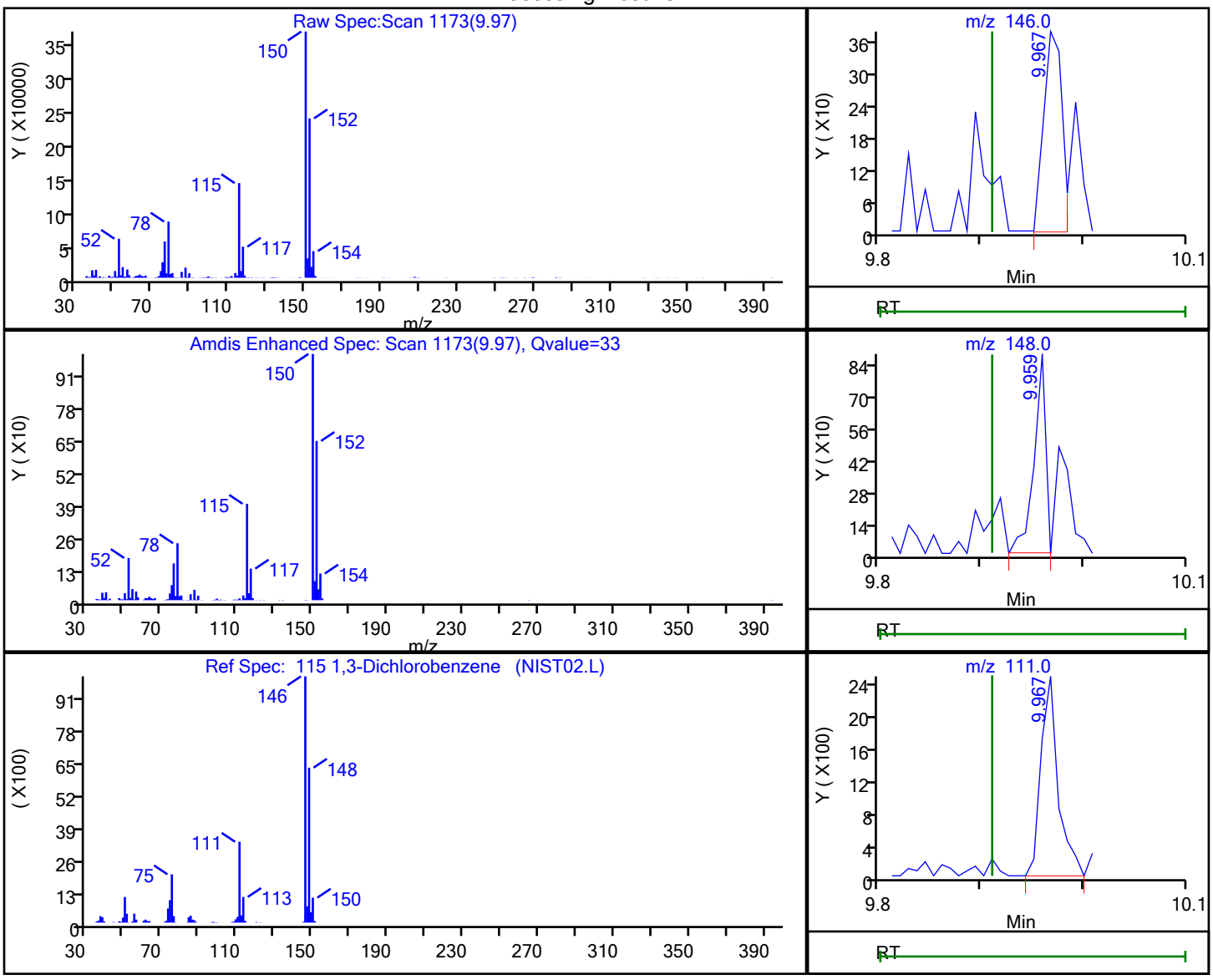
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
9.97	146.00	483	0.048564
9.96	148.00	705	
9.97	111.00	2906	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

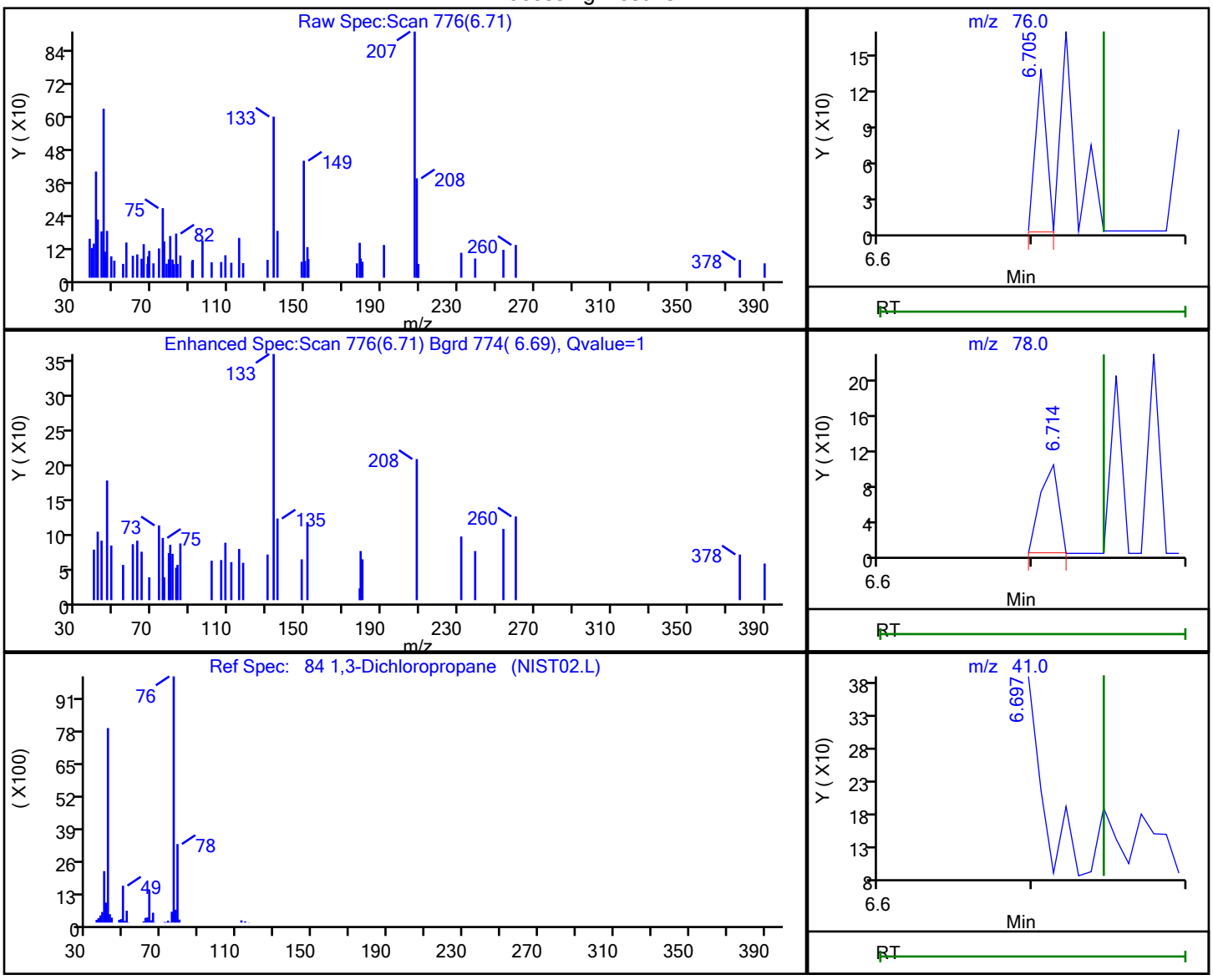
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D				
Injection Date:	21-Jan-2026 00:21:30	Instrument ID:	CVOAMS6		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

84 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
6.71	76.00	66	0.011491
6.71	78.00	82	
6.70	41.00	296	

Reviewer: NN6A, 24-Jan-2026 10:17:32 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

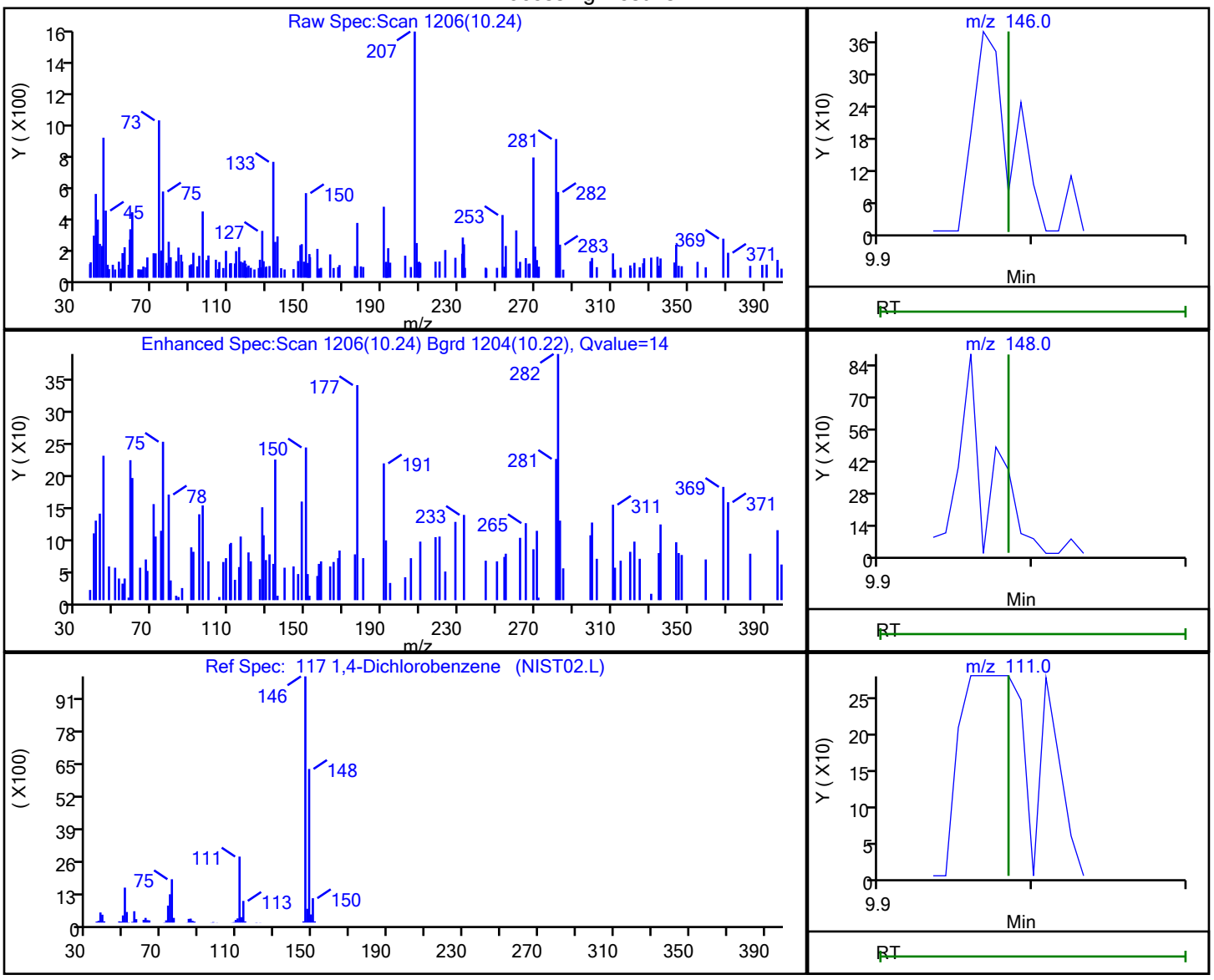
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.24	146.00	51	0.004969
10.24	148.00	147	
10.23	111.00	113	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

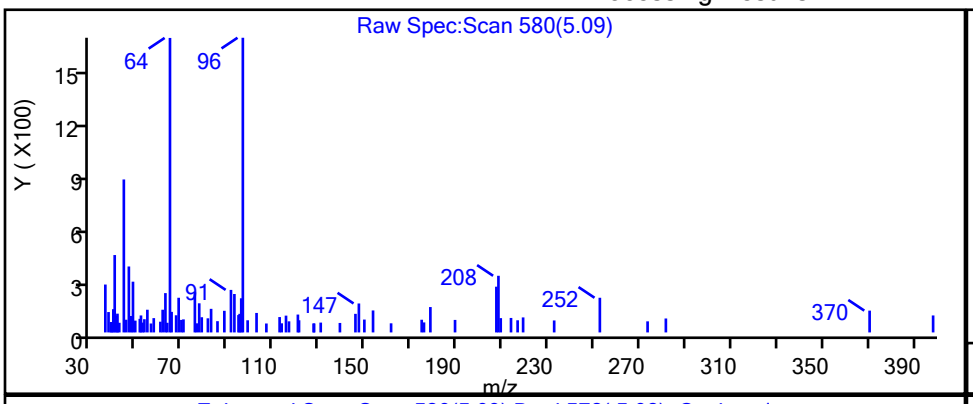
User Disabled Compound Report

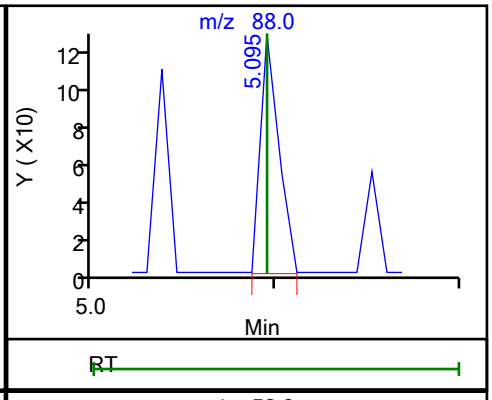
Eurofins Edison

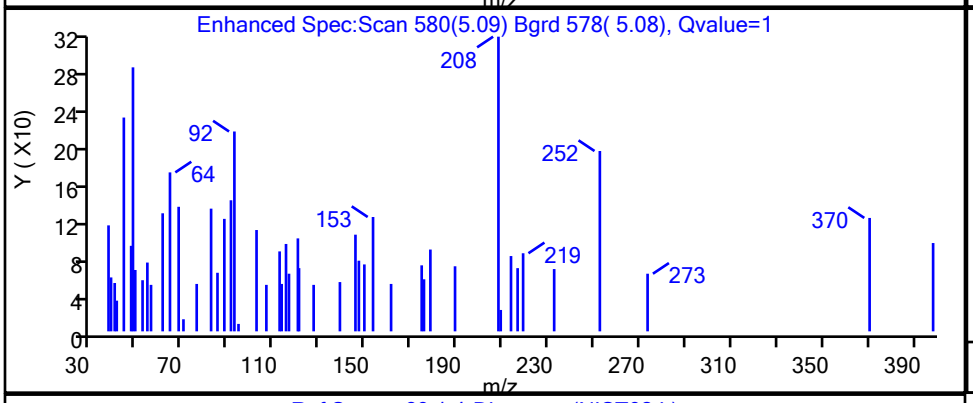
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

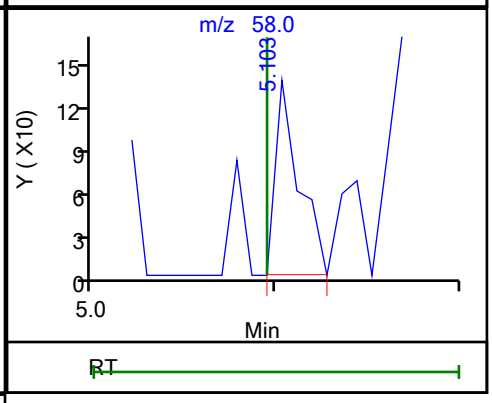
69 1,4-Dioxane, CAS: 123-91-1

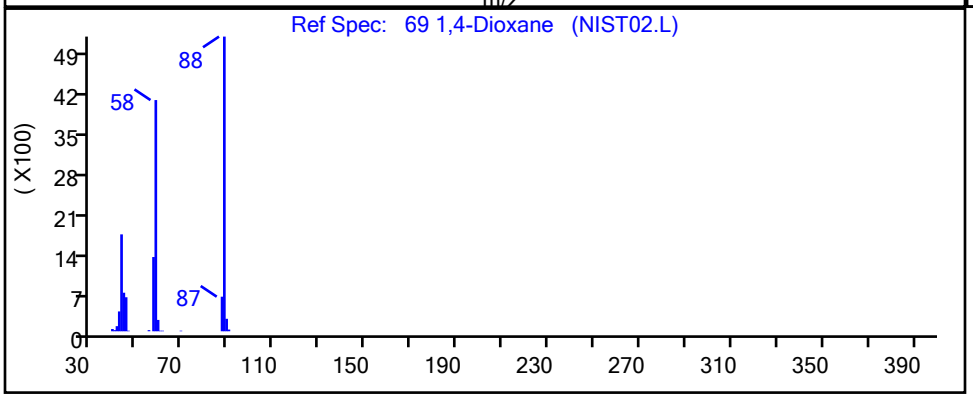
Processing Results











RT	Mass	Response	Amount
5.09	88.00	84	2.703533
5.10	58.00	120	

Reviewer: NN6A, 24-Jan-2026 10:17:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

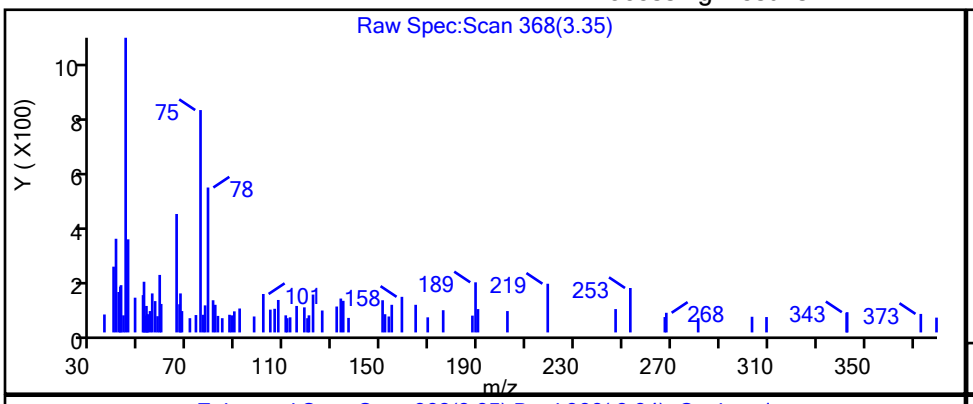
User Disabled Compound Report

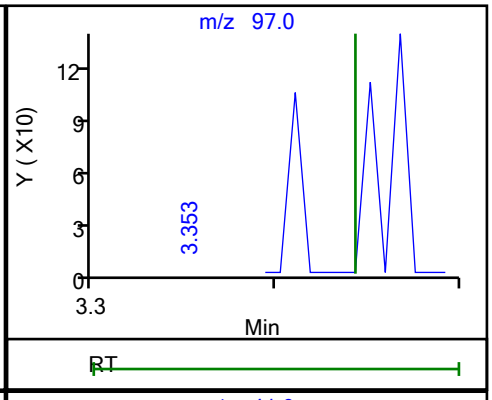
Eurofins Edison

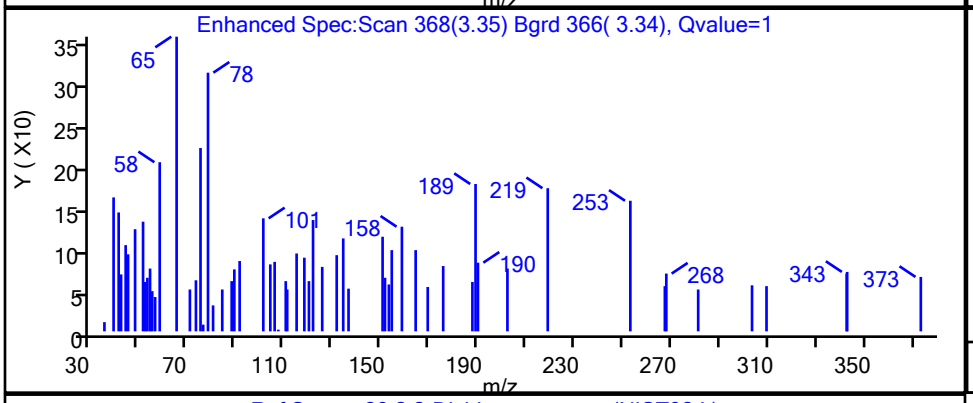
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D				
Injection Date:	21-Jan-2026 00:21:30	Instrument ID:	CVOAMS6		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

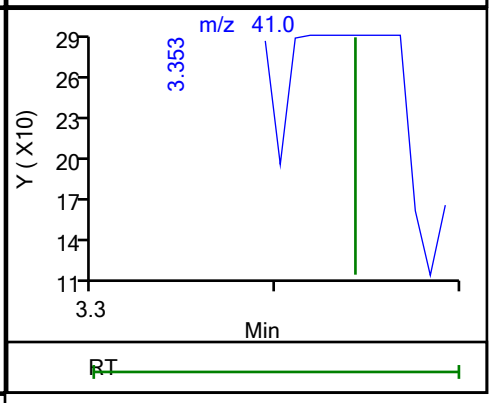
39 2,2-Dichloropropane, CAS: 594-20-7

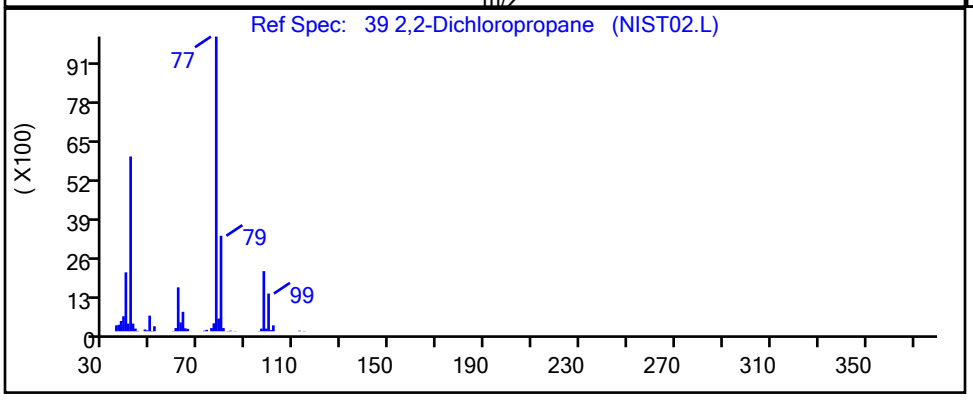
Processing Results











RT	Mass	Response	Amount
3.35	97.00	28	0.014372
3.35	41.00	141	

Reviewer: NN6A, 24-Jan-2026 10:17:16 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

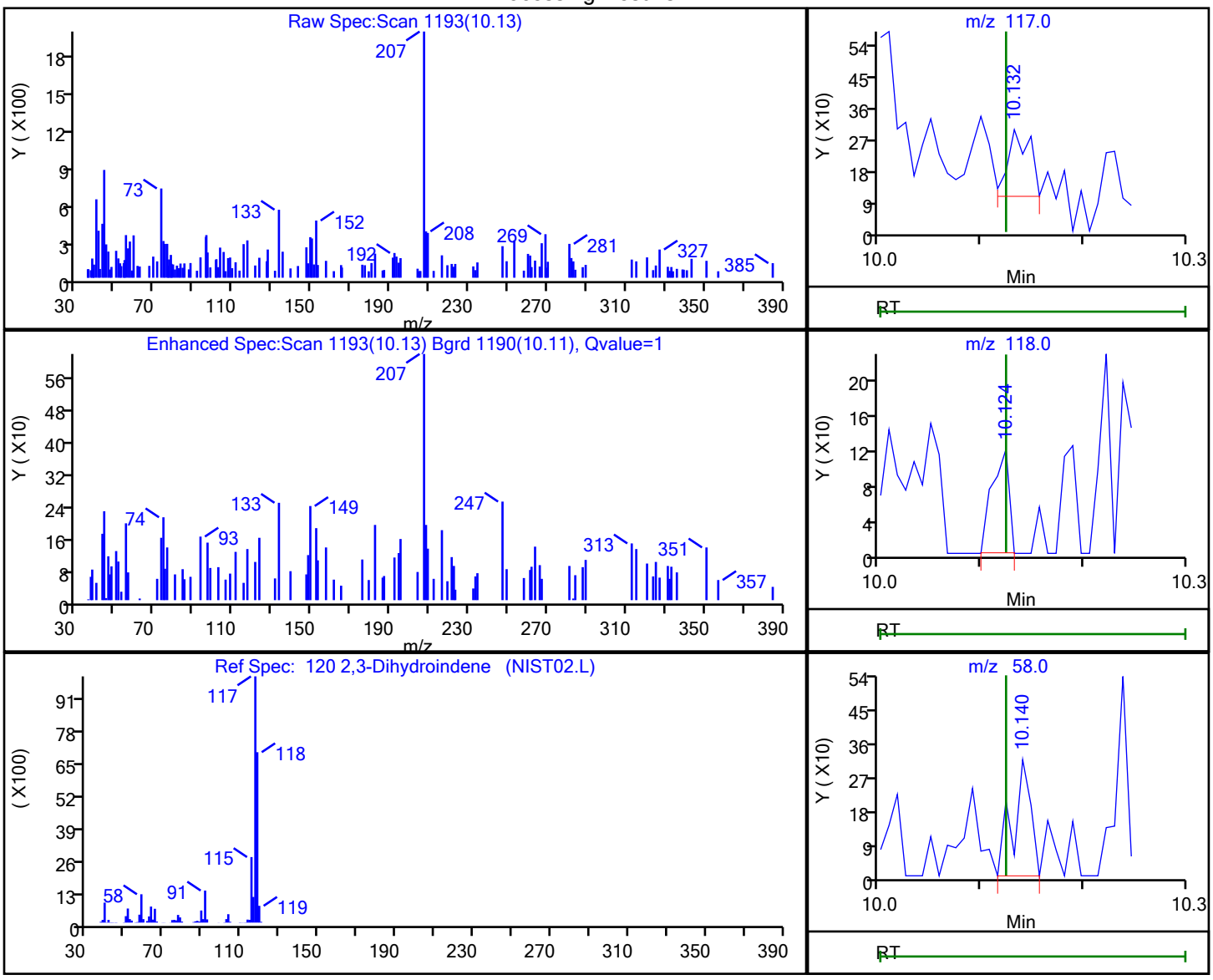
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

120 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
10.13	117.00	280	0.015724
10.12	118.00	136	
10.14	58.00	373	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

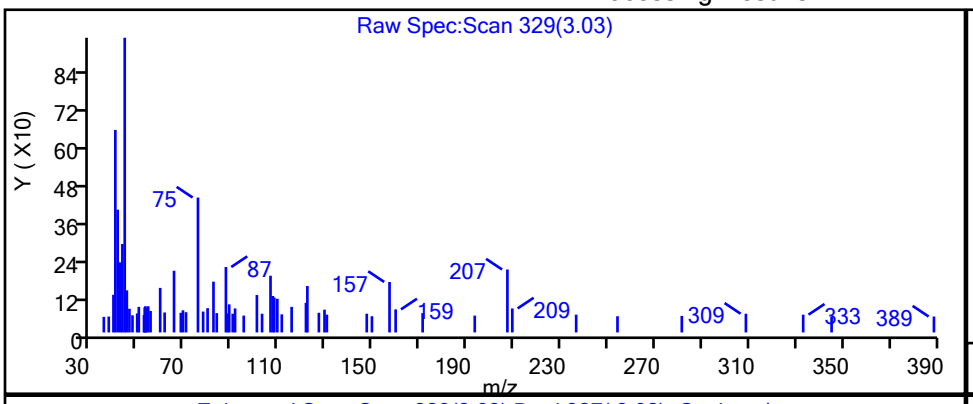
User Disabled Compound Report

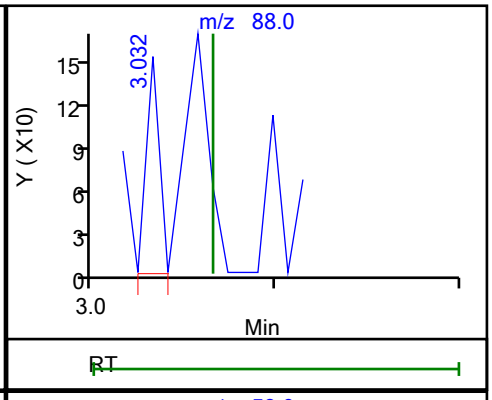
Eurofins Edison

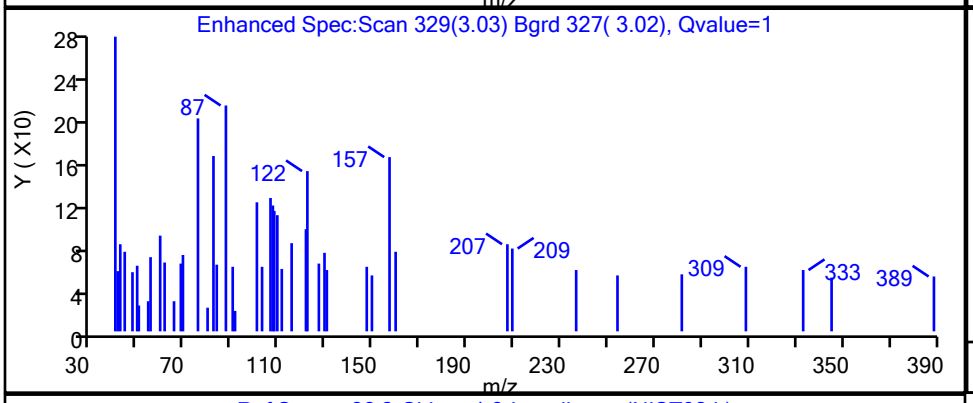
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

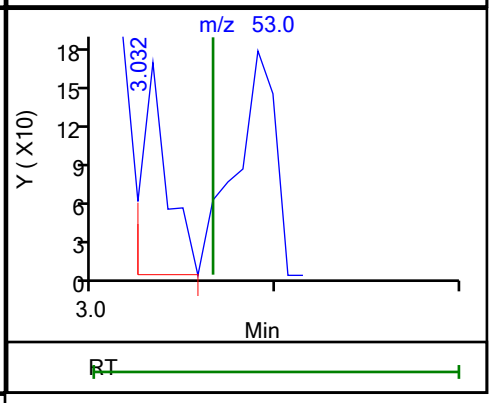
36 2-Chloro-1,3-butadiene, CAS: 126-99-8

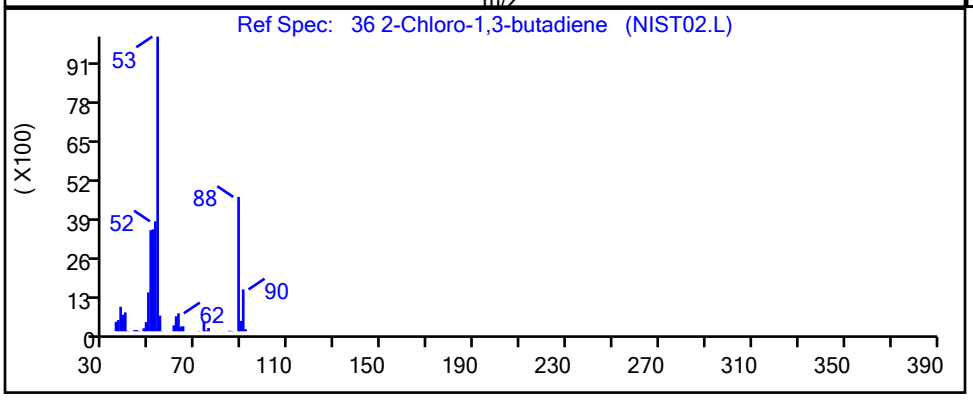
Processing Results











RT	Mass	Response	Amount
3.03	88.00	74	0.017210
3.03	53.00	160	

Reviewer: NN6A, 24-Jan-2026 10:17:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

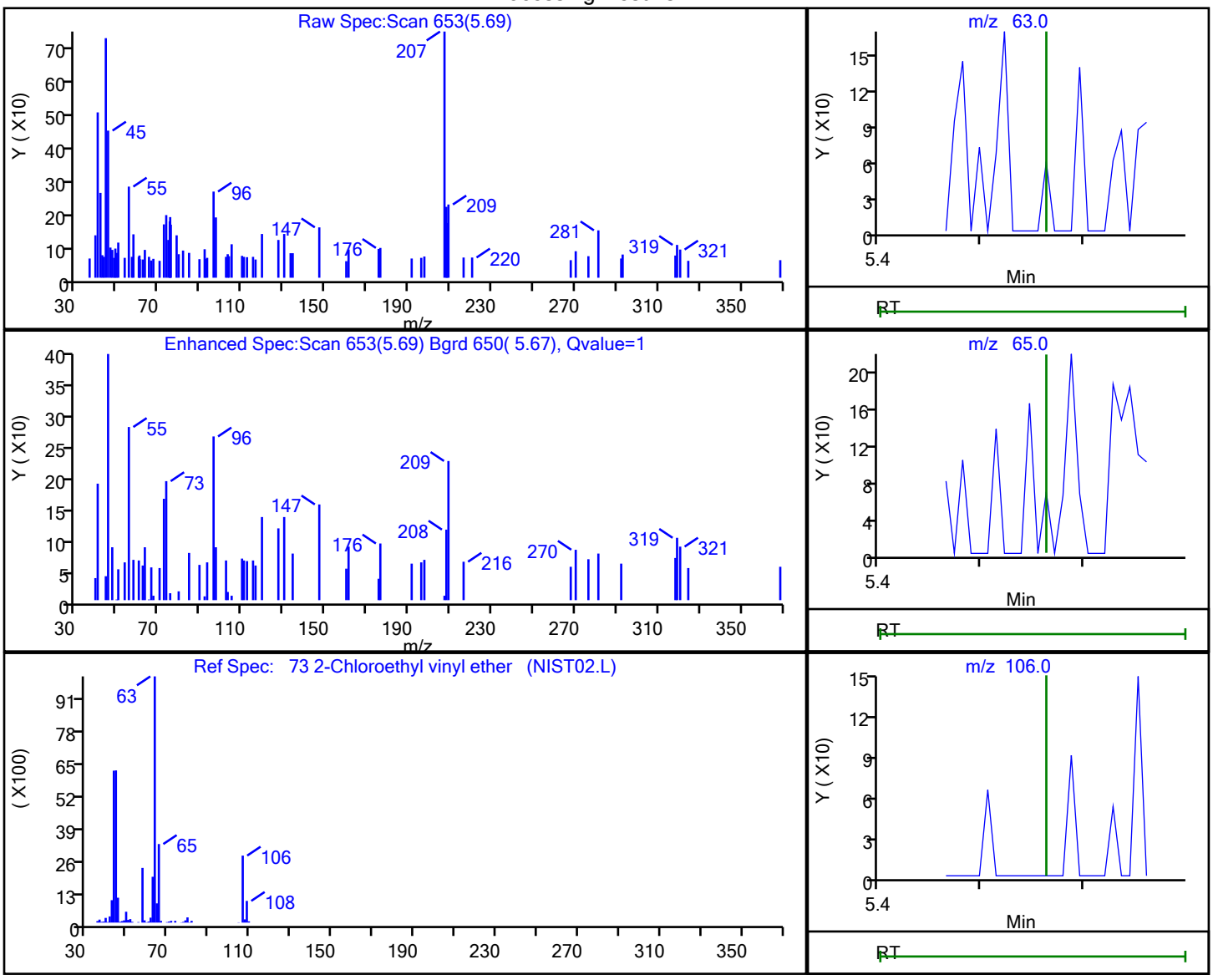
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

73 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
5.69	63.00	103	0.038299
5.70	65.00	243	
5.70	106.00	78	

Reviewer: NN6A, 24-Jan-2026 10:17:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

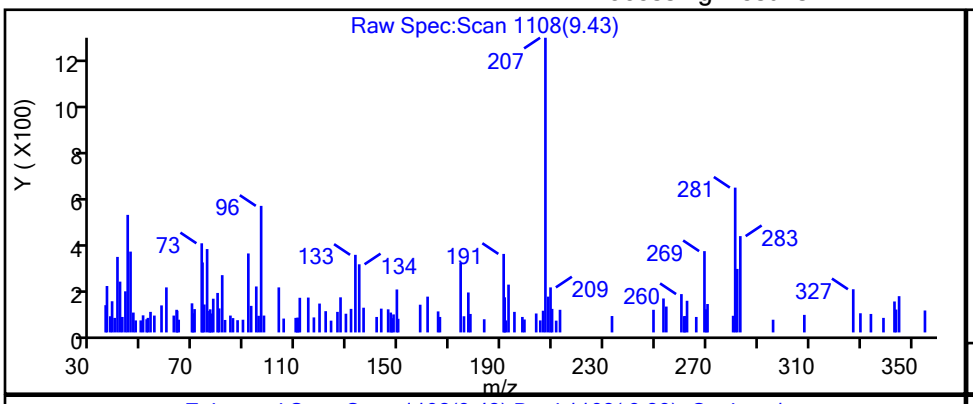
User Disabled Compound Report

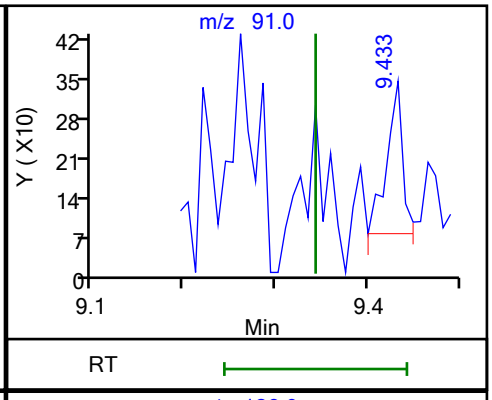
Eurofins Edison

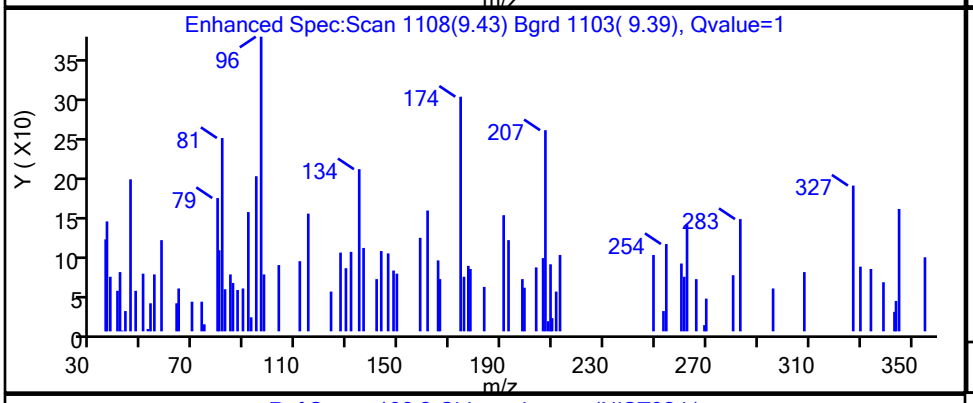
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

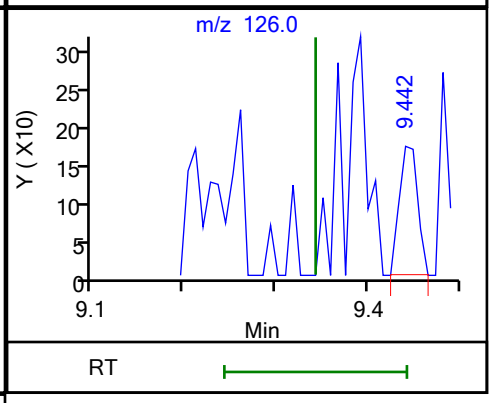
106 2-Chlorotoluene, CAS: 95-49-8

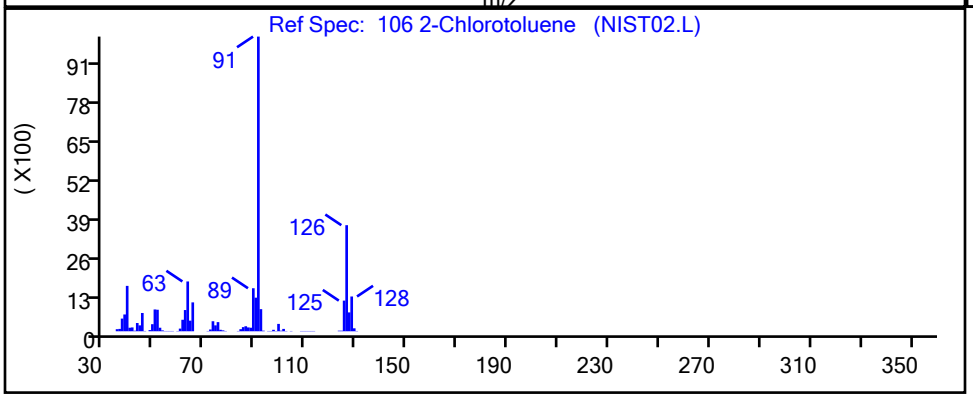
Processing Results











RT	Mass	Response	Amount
9.43	91.00	328	0.018366
9.44	126.00	243	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

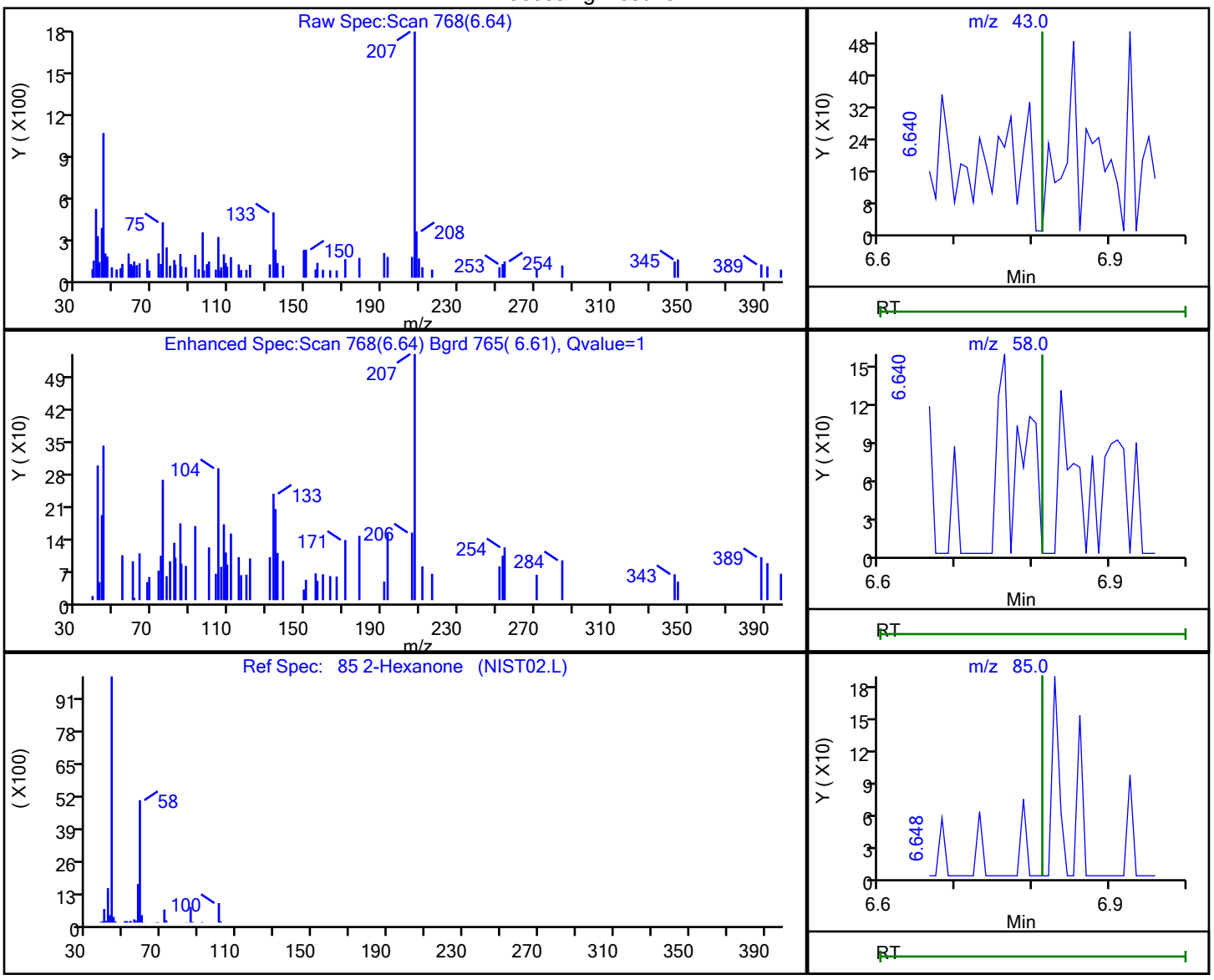
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
6.64	43.00	382	0.190994
6.64	58.00	136	
6.65	85.00	82	
6.66	100.00	82	

Reviewer: NN6A, 24-Jan-2026 10:17:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

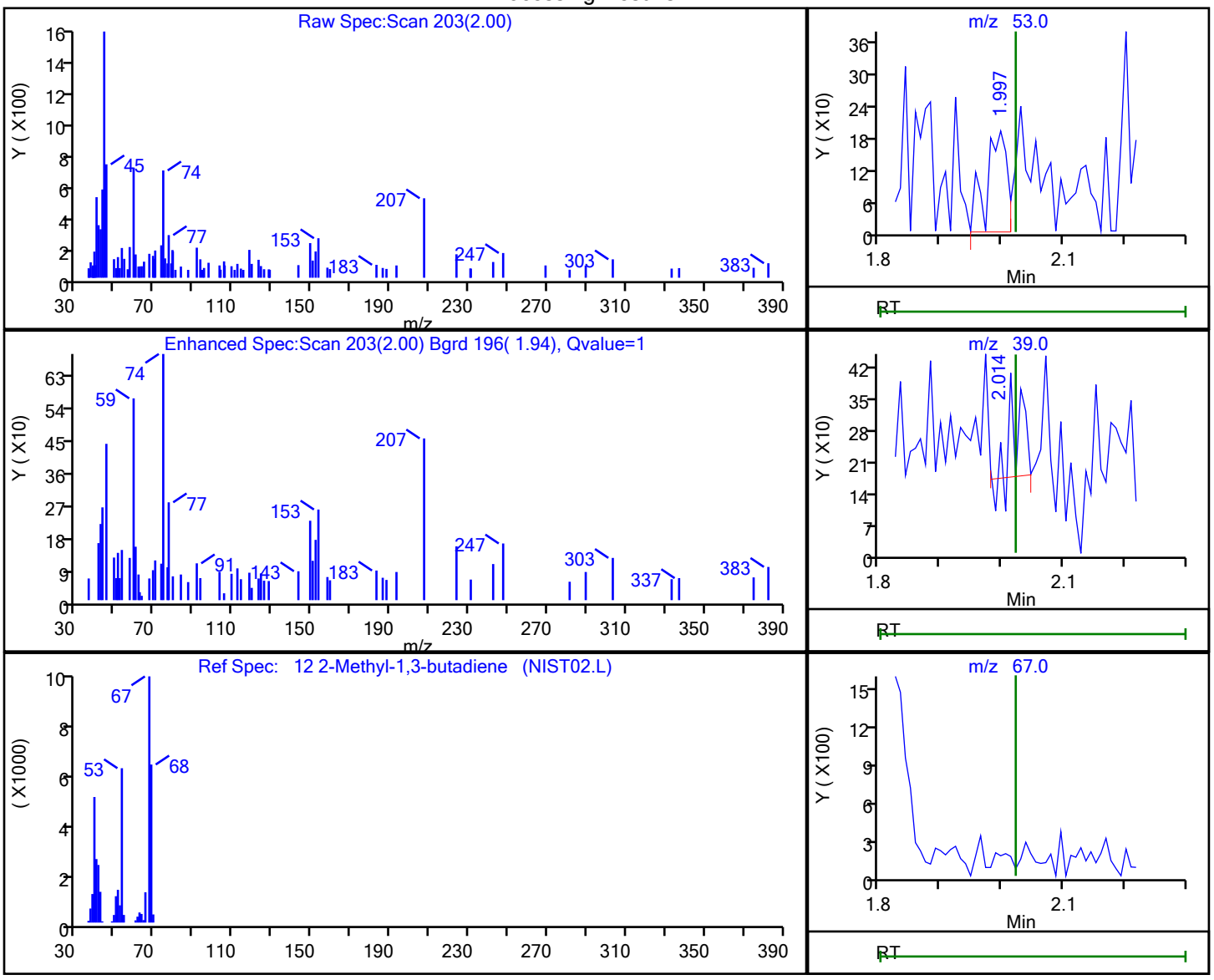
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.00	53.00	447	0.143181
2.01	39.00	249	
2.01	67.00	0	

Reviewer: NN6A, 24-Jan-2026 10:16:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

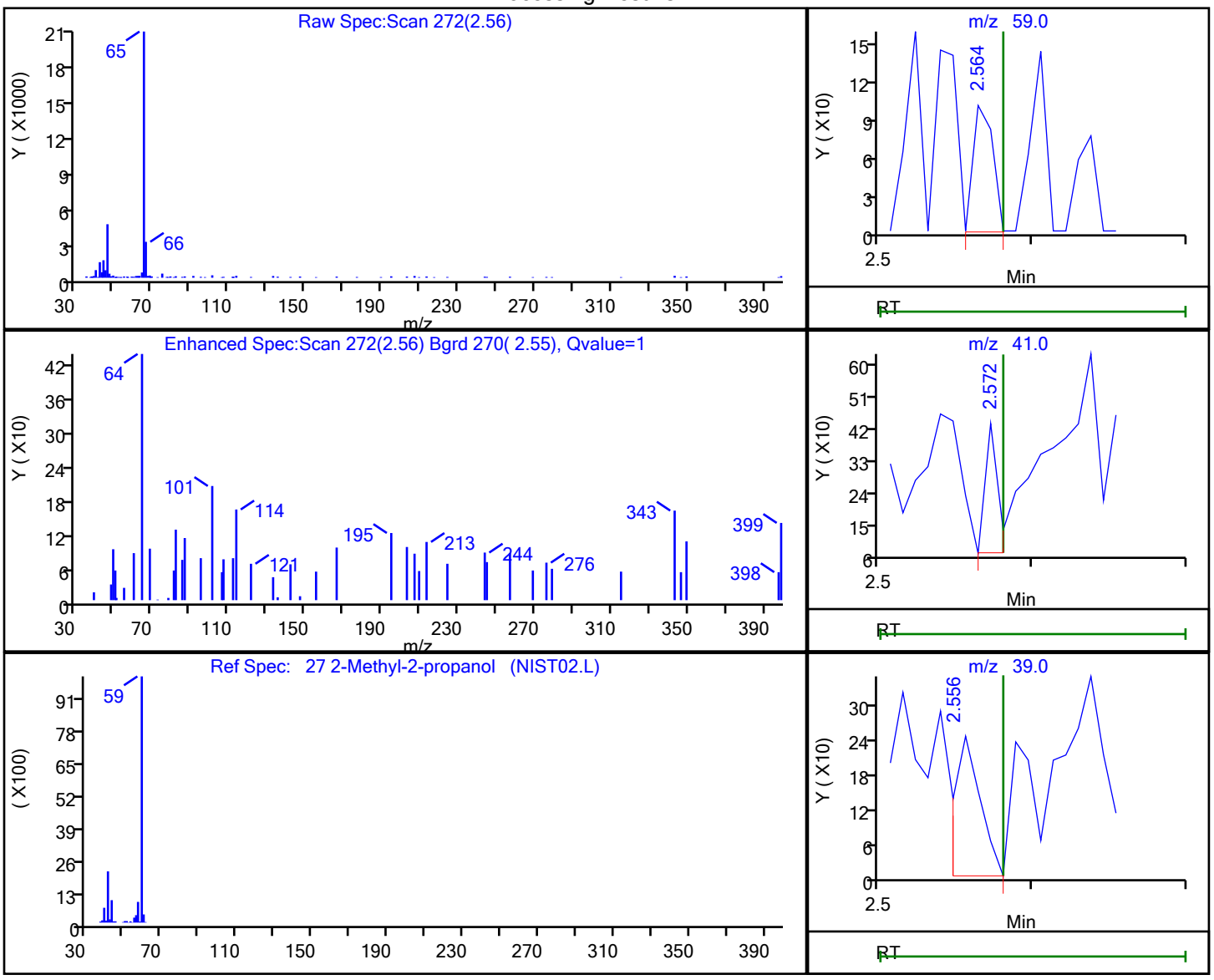
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.56	59.00	85	0.317548
2.57	41.00	214	
2.56	39.00	291	

Reviewer: NN6A, 24-Jan-2026 10:16:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

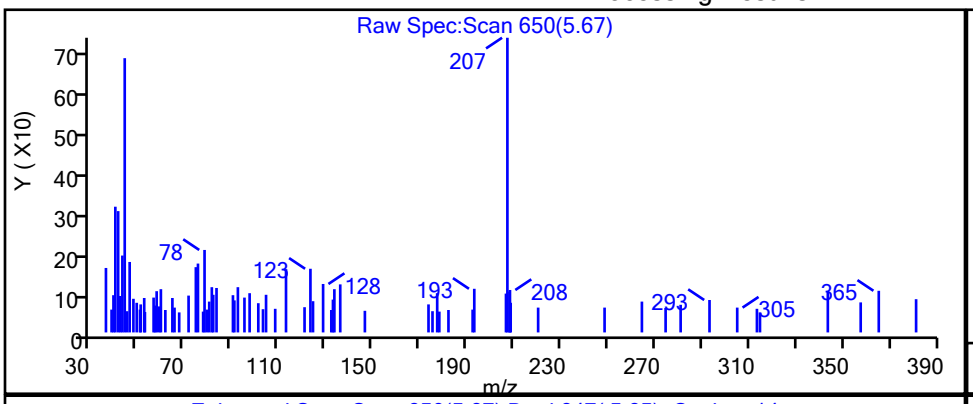
User Disabled Compound Report

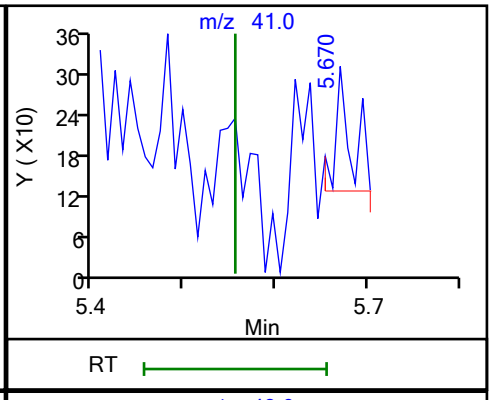
Eurofins Edison

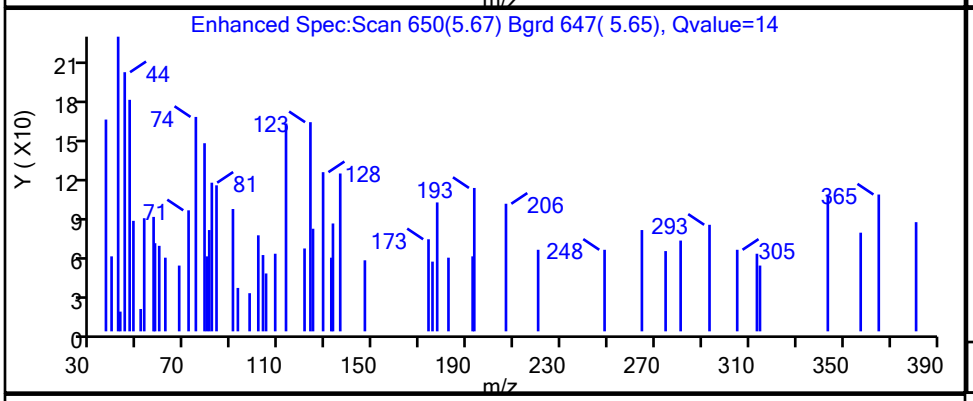
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

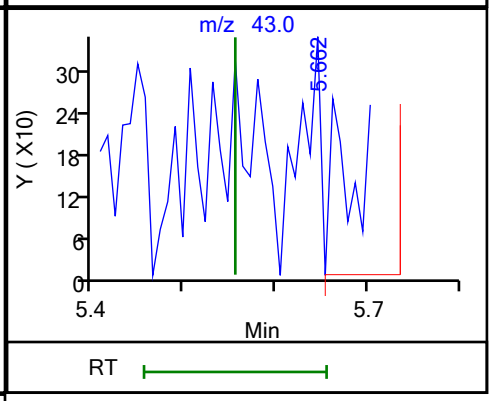
74 2-Nitropropane, CAS: 79-46-9

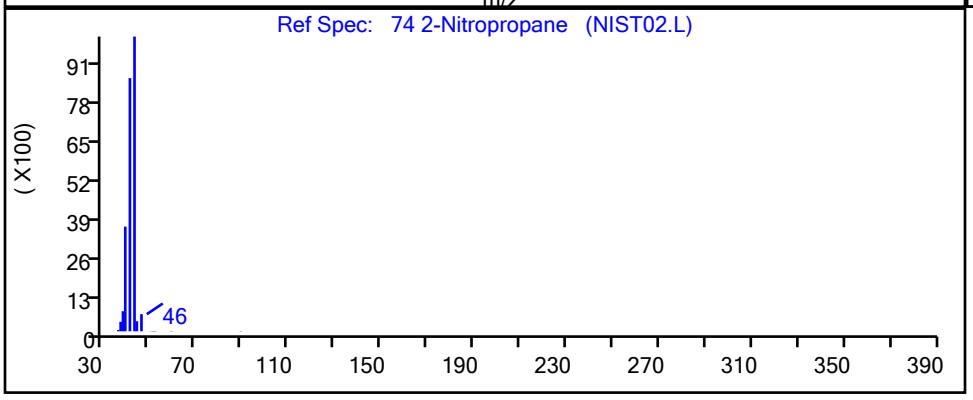
Processing Results











RT	Mass	Response	Amount
5.67	41.00	219	0.309175
5.66	43.00	816	

Reviewer: NN6A, 24-Jan-2026 10:17:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

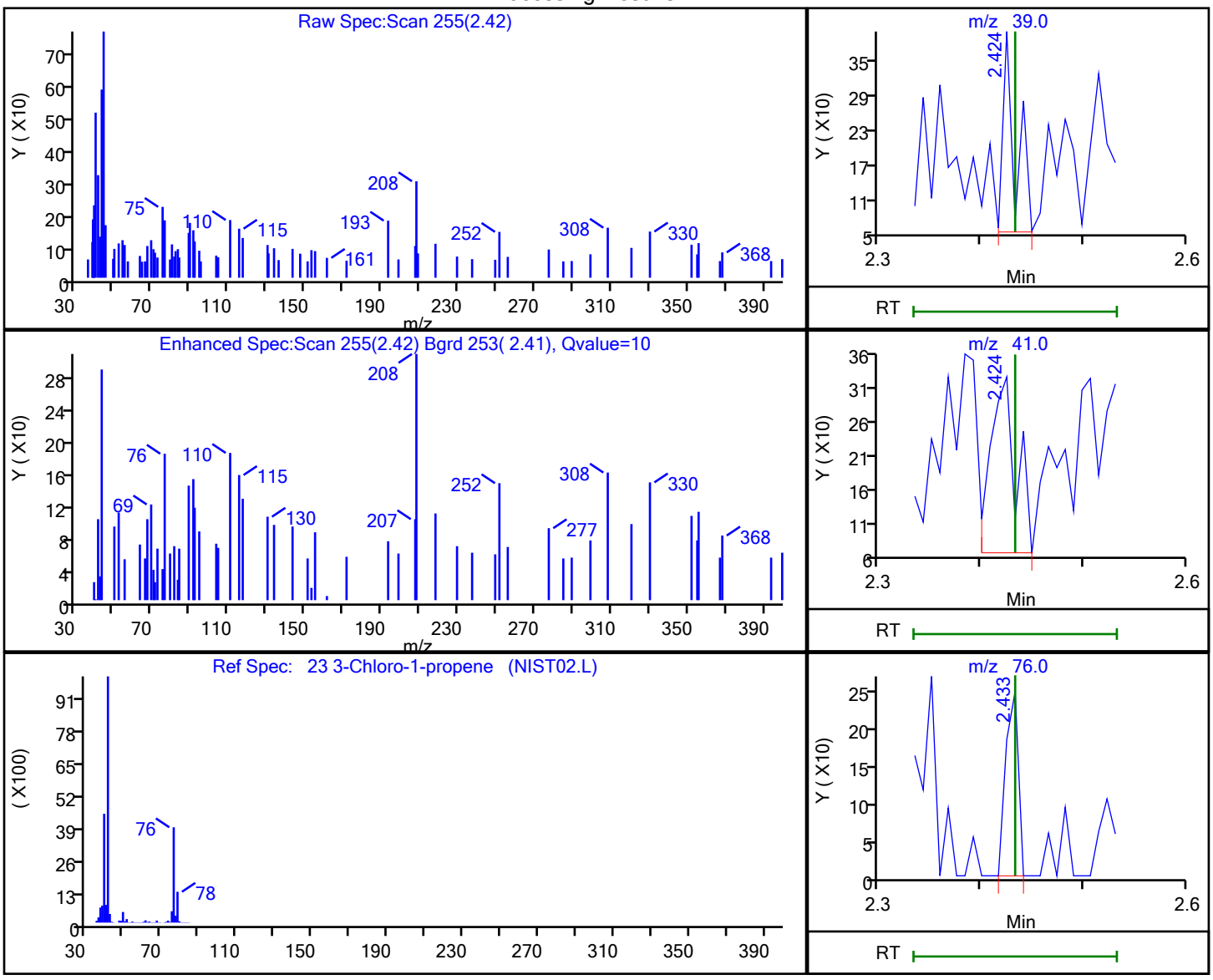
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.42	39.00	285	0.042956
2.42	41.00	443	
2.43	76.00	208	

Reviewer: NN6A, 24-Jan-2026 10:16:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

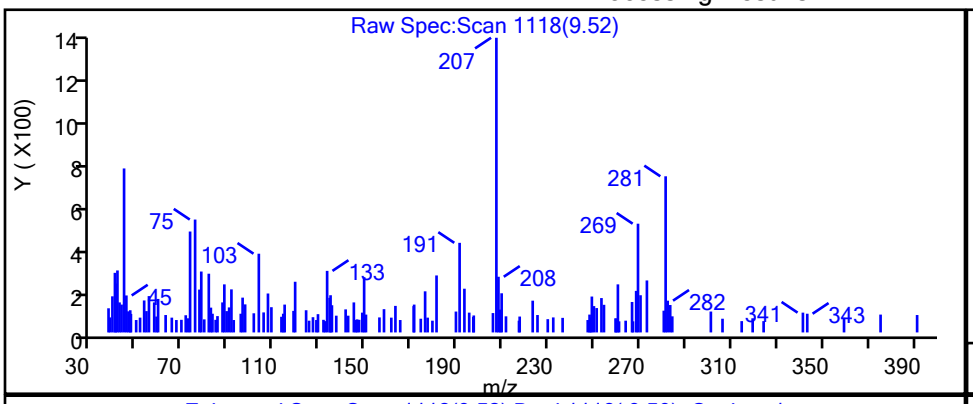
User Disabled Compound Report

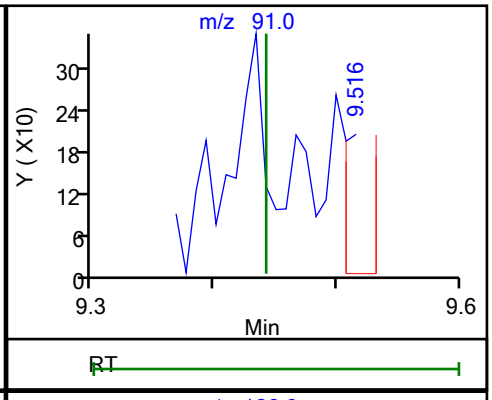
Eurofins Edison

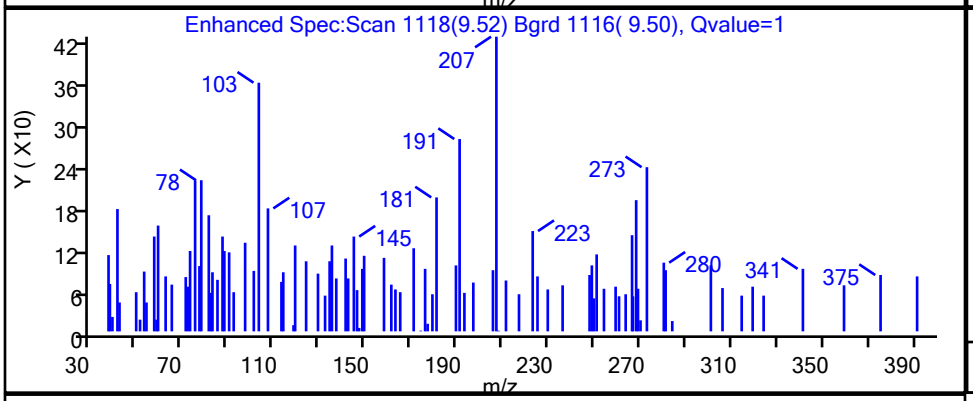
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

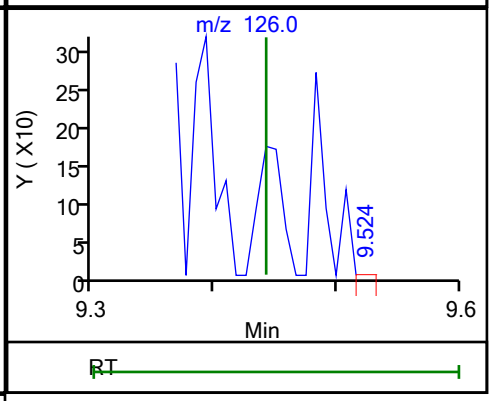
109 4-Chlorotoluene, CAS: 106-43-4

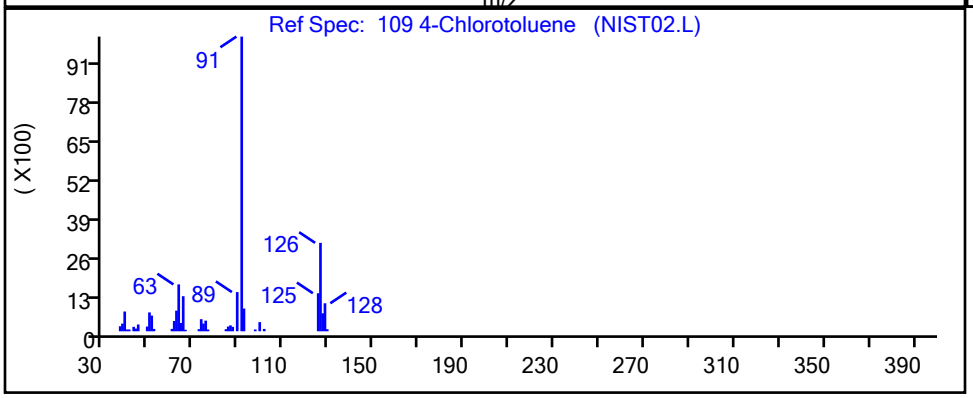
Processing Results











RT	Mass	Response	Amount
9.52	91.00	282	0.017181
9.52	126.00	50	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

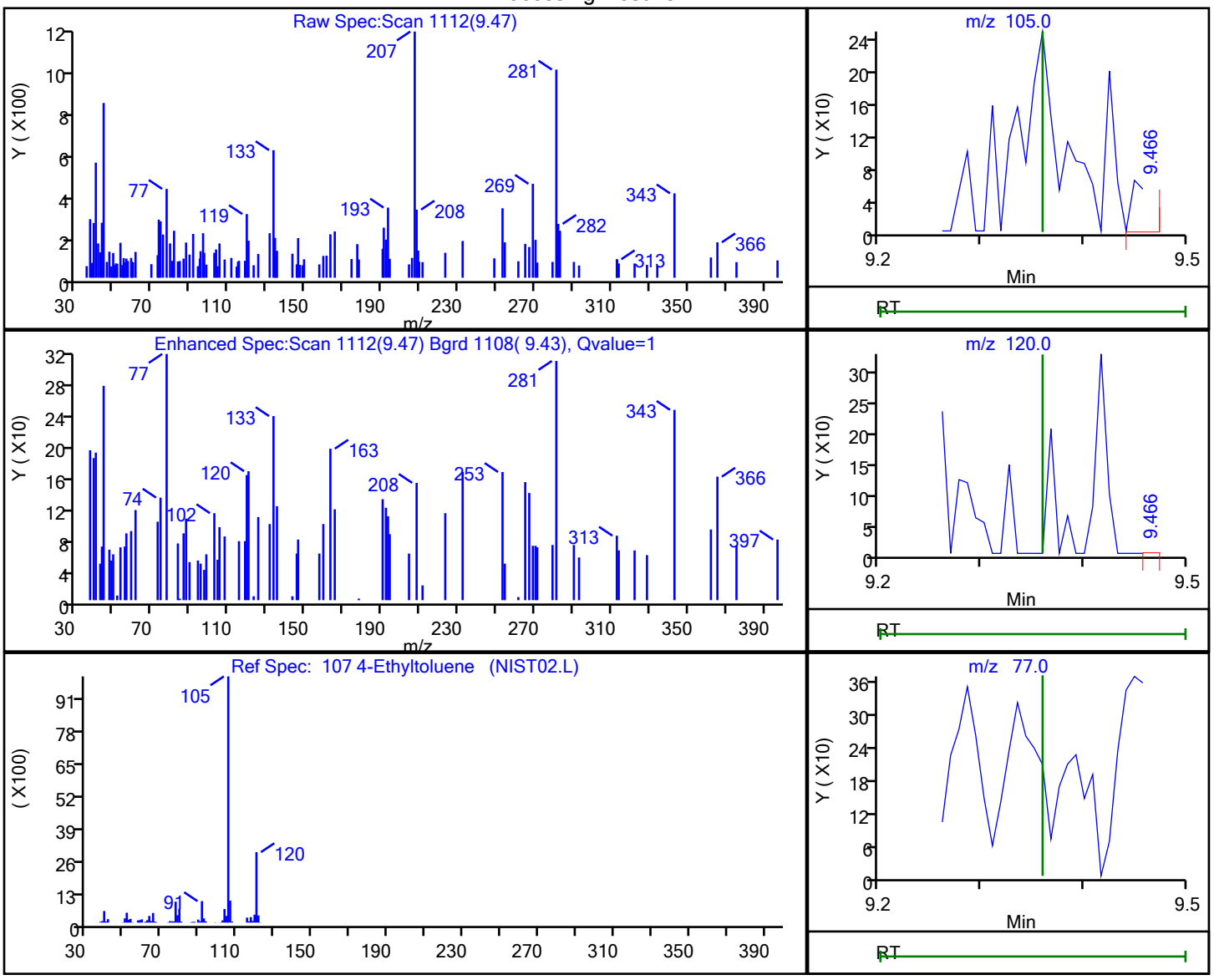
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.47	105.00	133	0.006513
9.47	120.00	82	
9.47	77.00	540	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

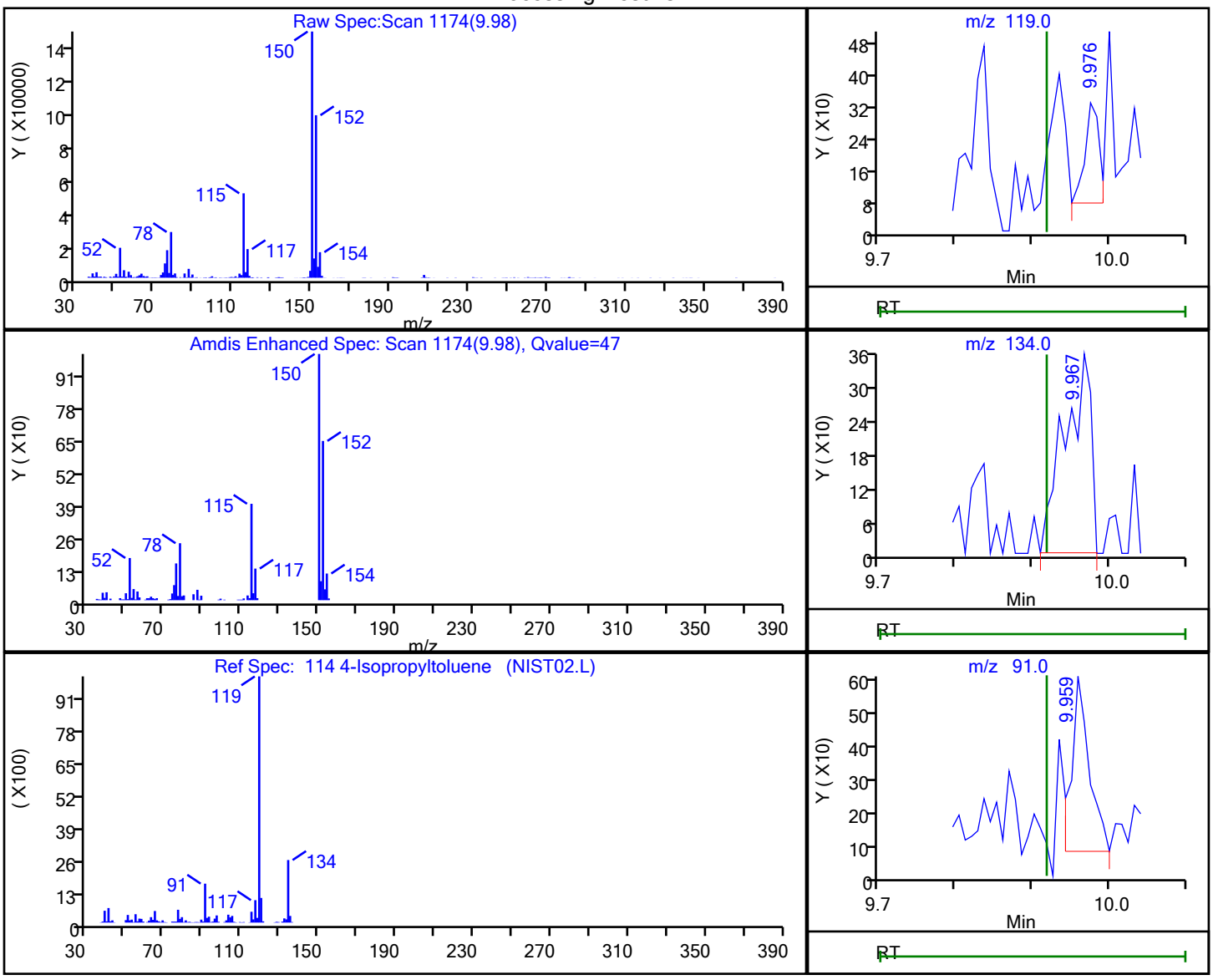
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
9.98	119.00	328	0.015829
9.97	134.00	863	
9.96	91.00	856	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

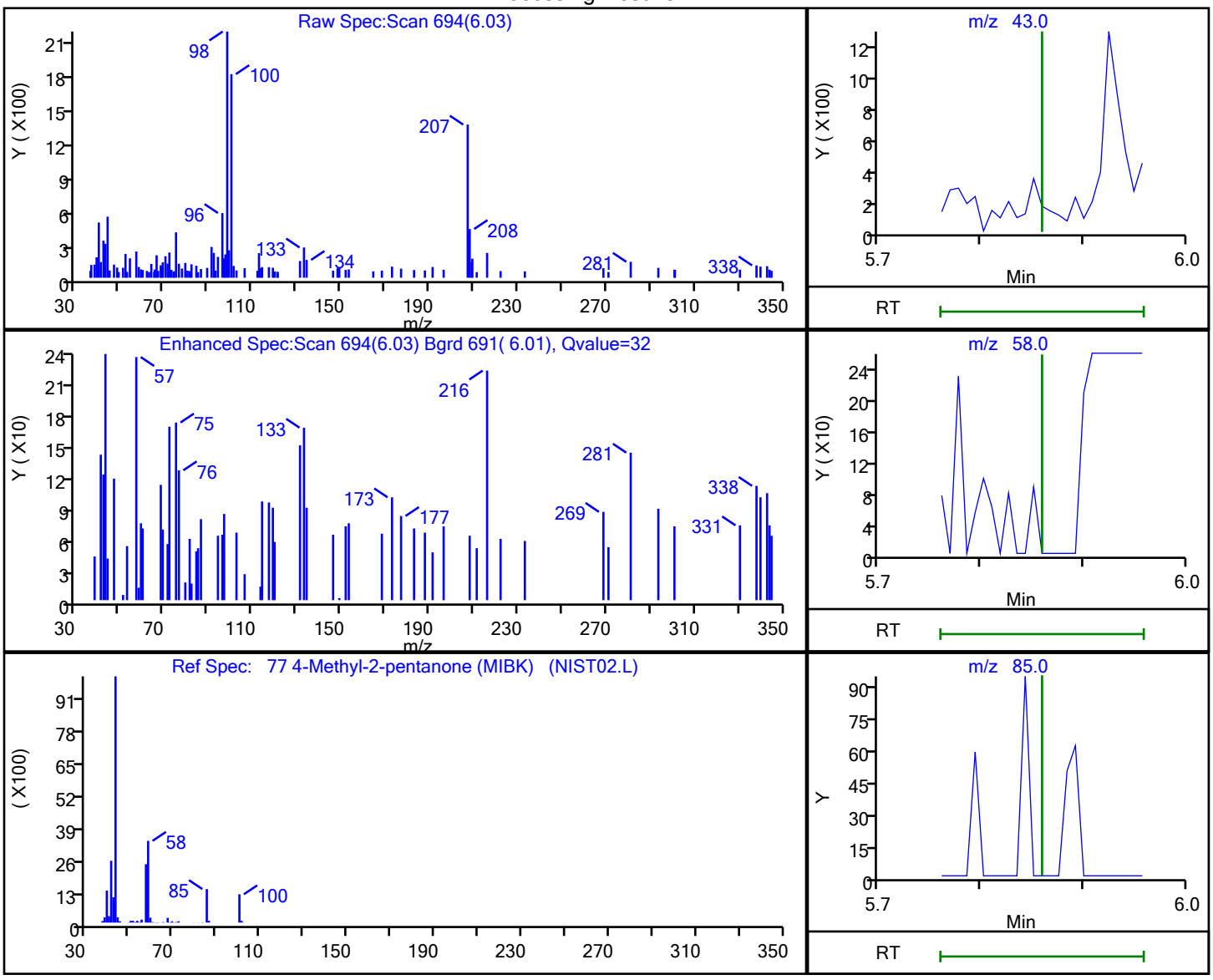
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.03	43.00	446	0.185648
6.02	58.00	105	
6.02	85.00	113	
5.93	100.00	0	

Reviewer: NN6A, 24-Jan-2026 10:17:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

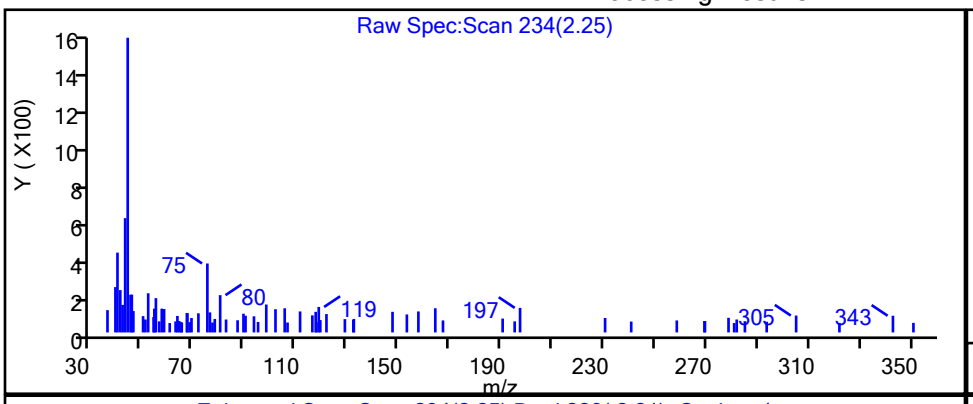
User Disabled Compound Report

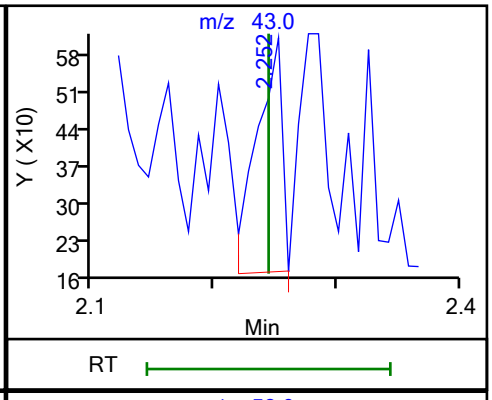
Eurofins Edison

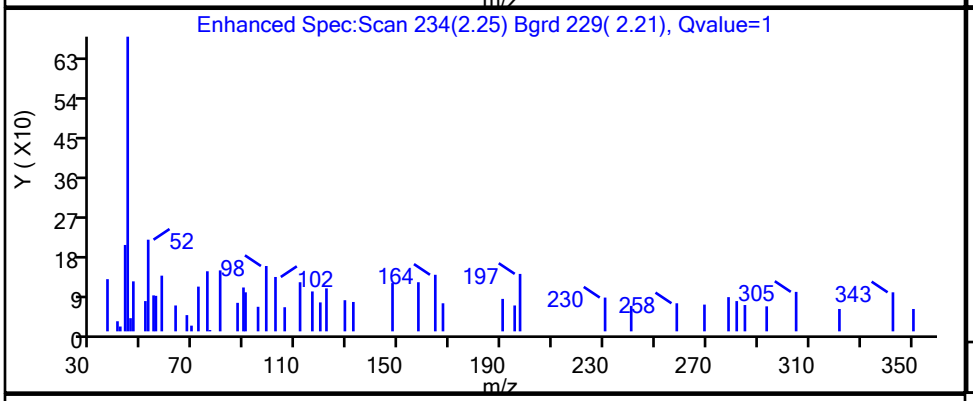
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

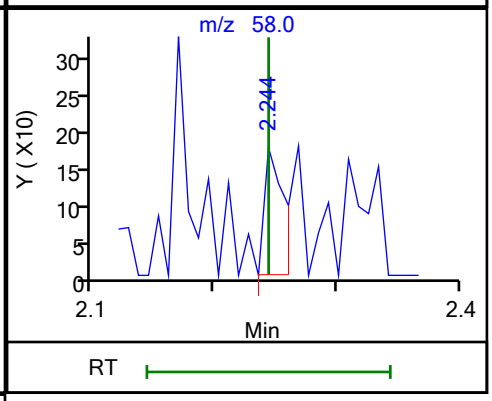
18 Acetone, CAS: 67-64-1

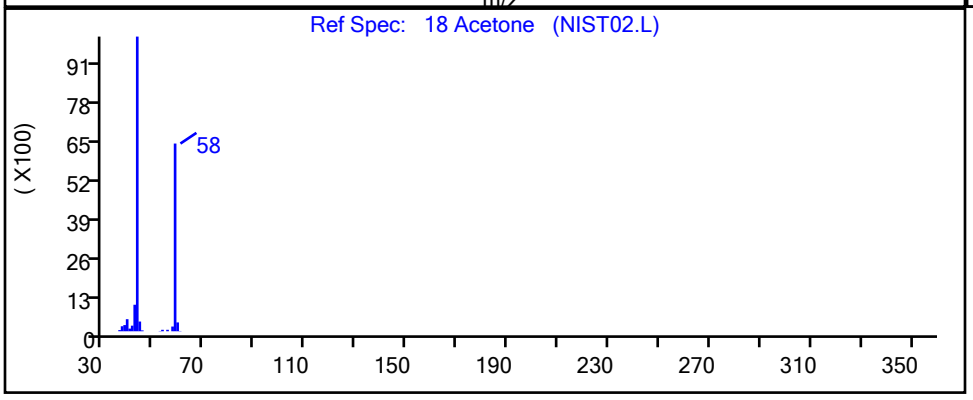
Processing Results











RT	Mass	Response	Amount
2.25	43.00	644	0.999140
2.24	58.00	194	

Reviewer: NN6A, 24-Jan-2026 10:16:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

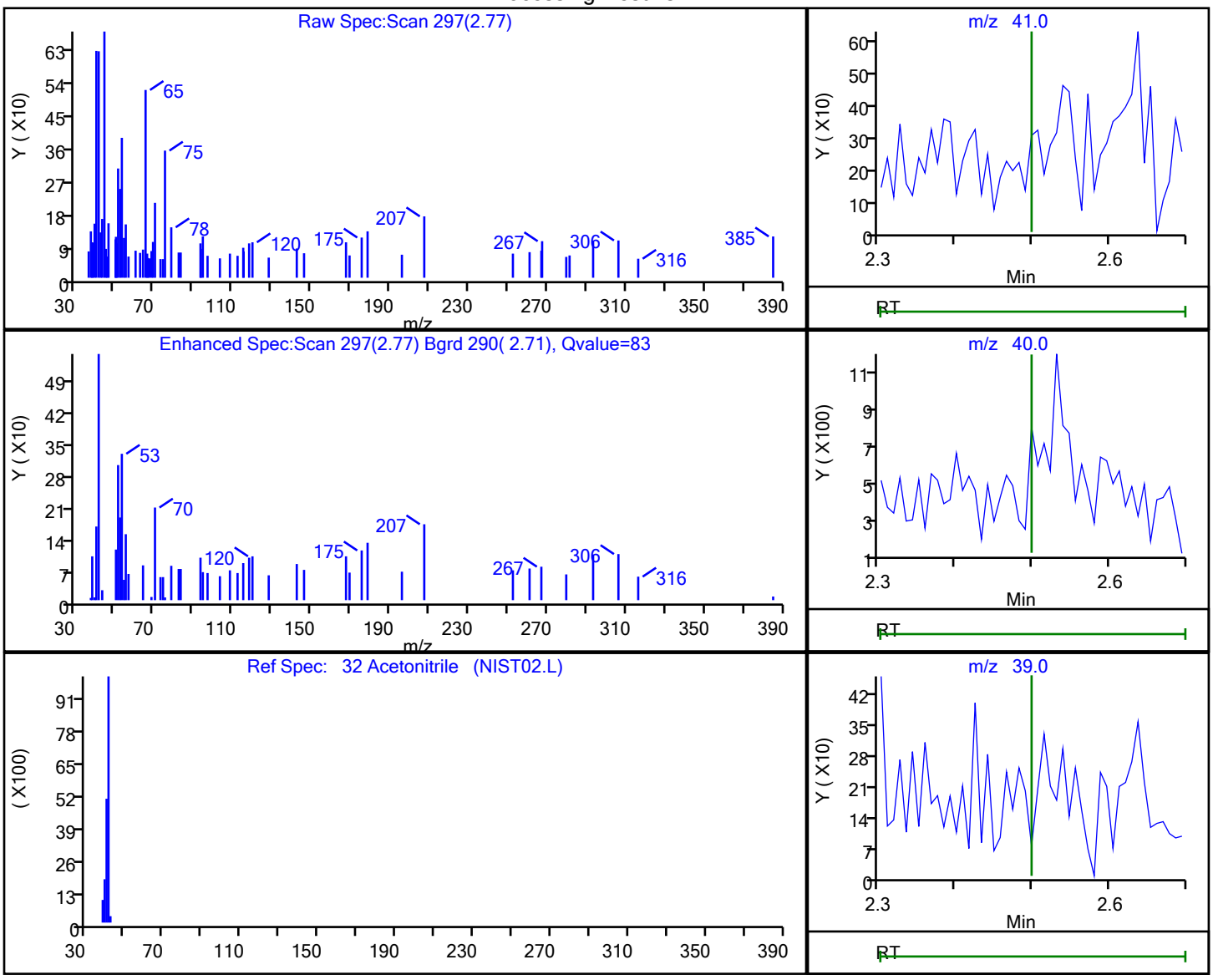
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.77	41.00	679	1.403148
2.77	40.00	719	
2.75	39.00	342	
2.77	38.00	307	

Reviewer: NN6A, 24-Jan-2026 10:16:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

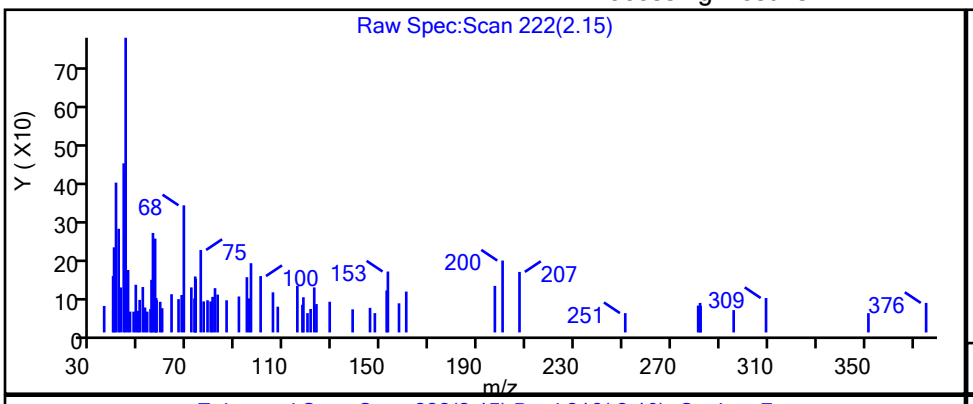
User Disabled Compound Report

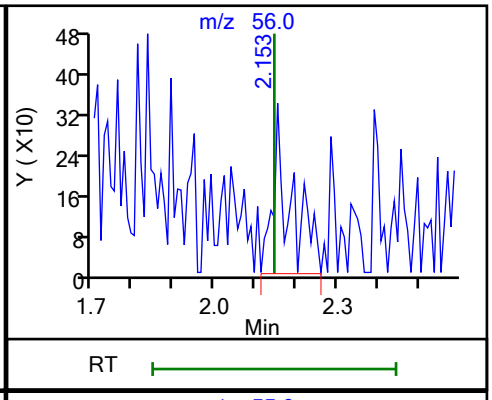
Eurofins Edison

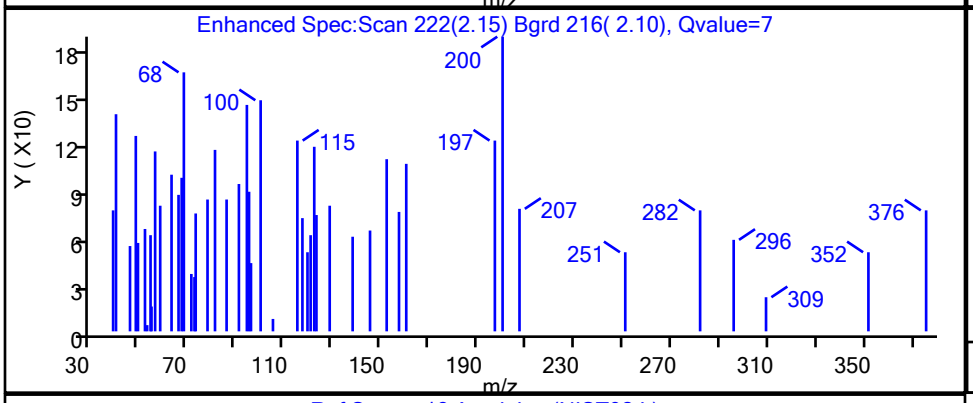
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

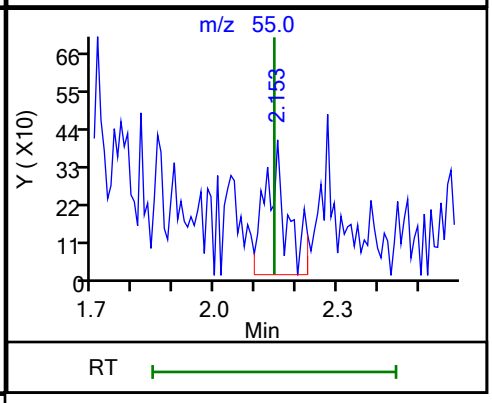
16 Acrolein, CAS: 107-02-8

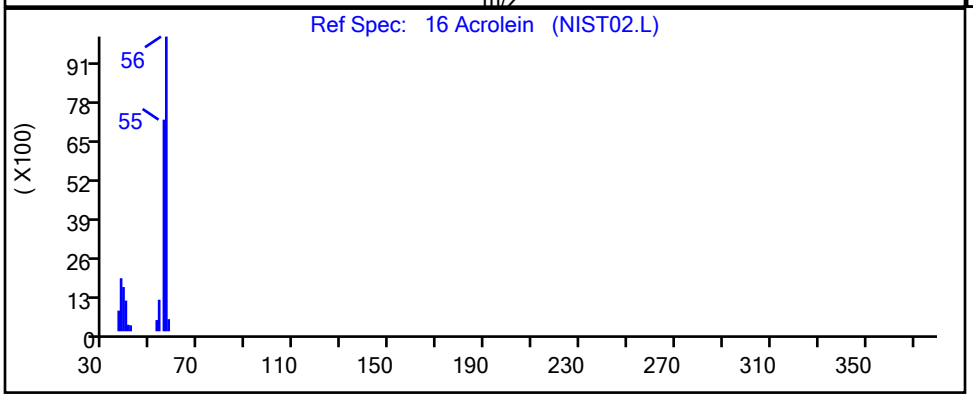
Processing Results











RT	Mass	Response	Amount
2.15	56.00	1008	2.637589
2.15	55.00	1457	

Reviewer: NN6A, 24-Jan-2026 10:16:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

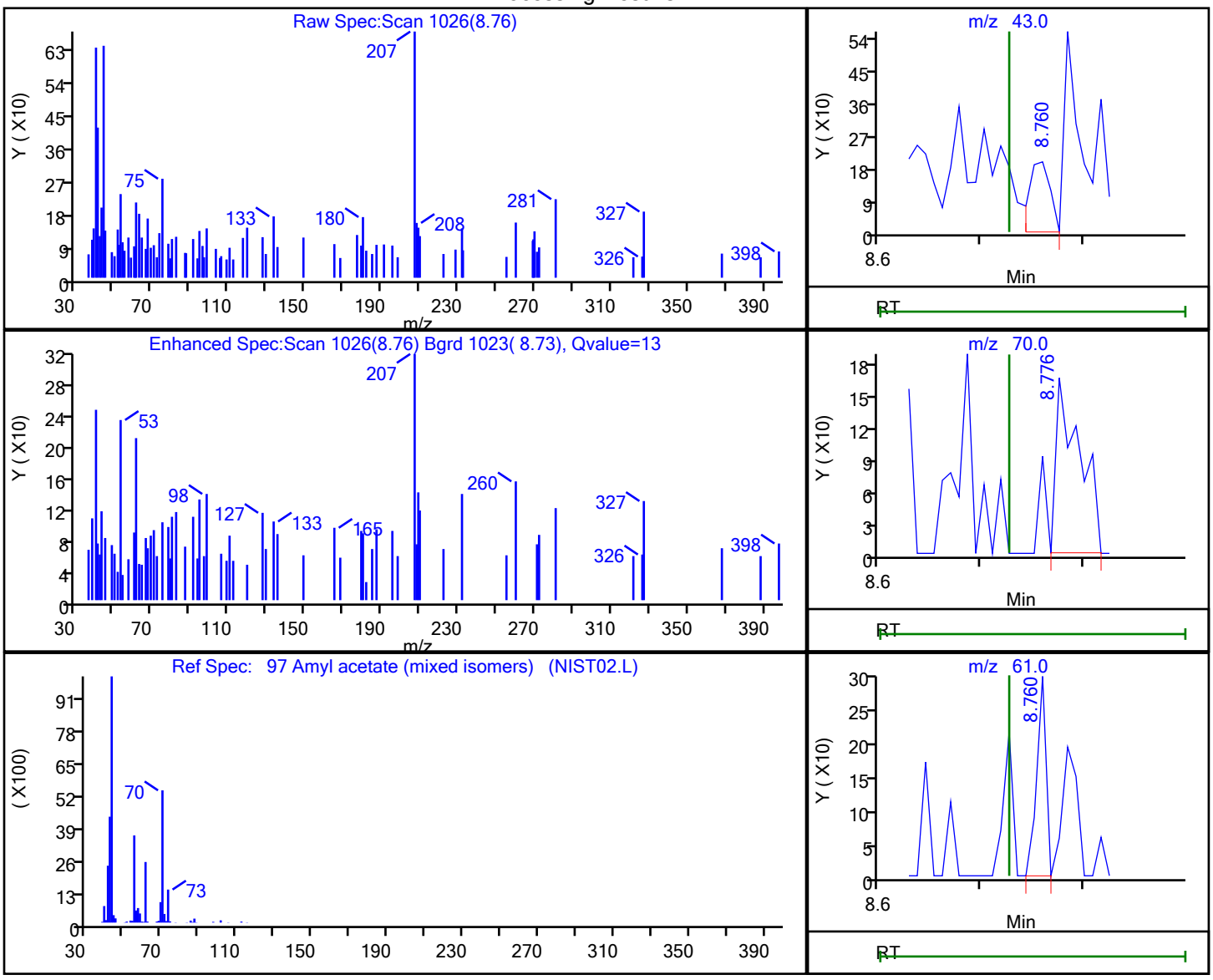
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

97 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.76	43.00	275	0.045473
8.78	70.00	262	
8.76	61.00	185	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

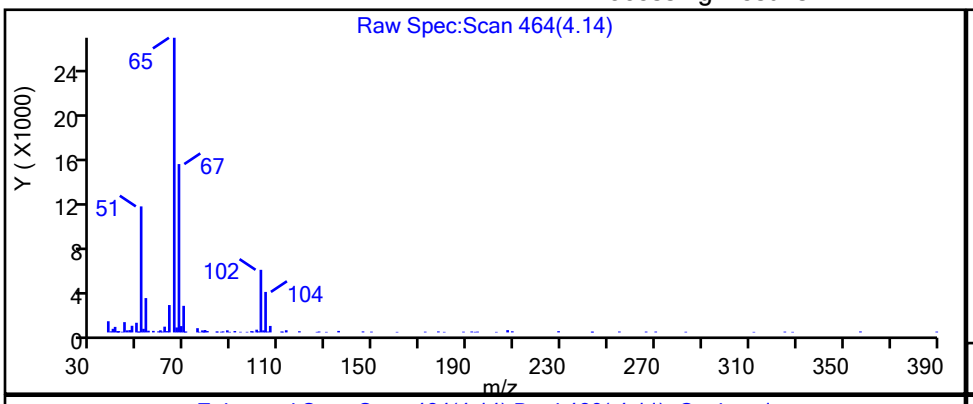
User Disabled Compound Report

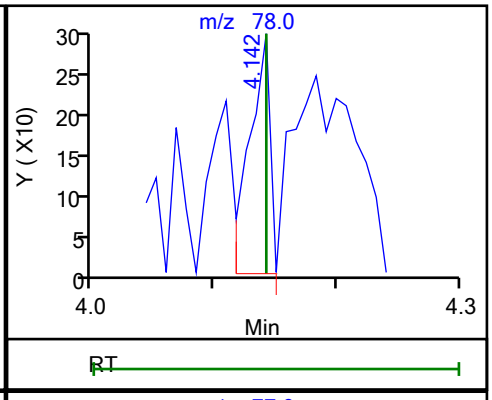
Eurofins Edison

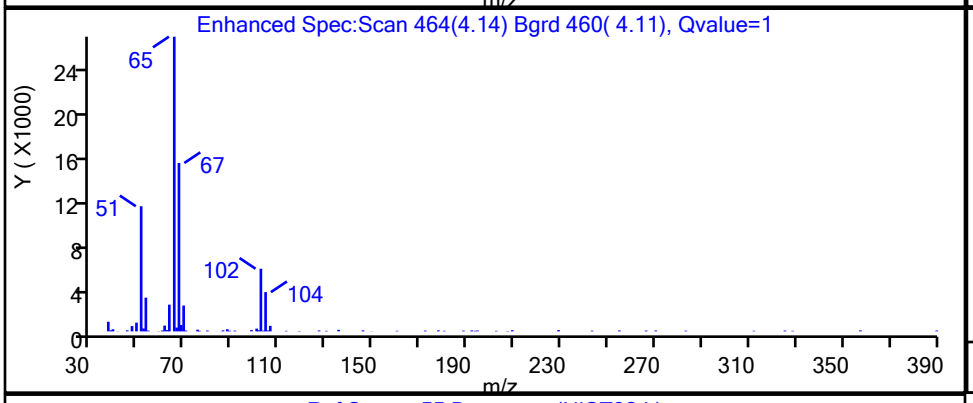
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

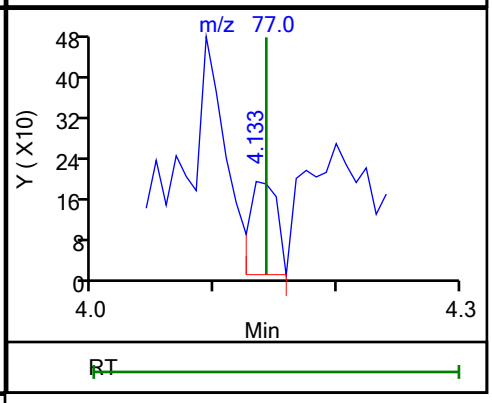
55 Benzene, CAS: 71-43-2

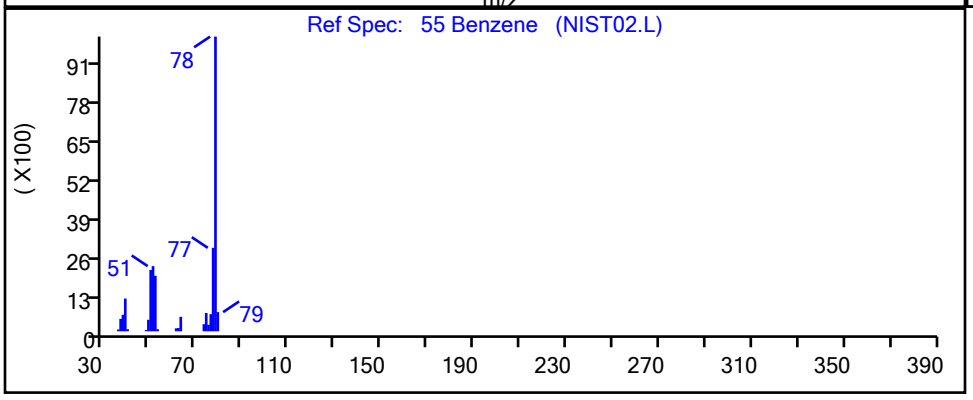
Processing Results











RT	Mass	Response	Amount
4.14	78.00	349	0.016803
4.13	77.00	298	

Reviewer: HVW2, 21-Jan-2026 00:51:17 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

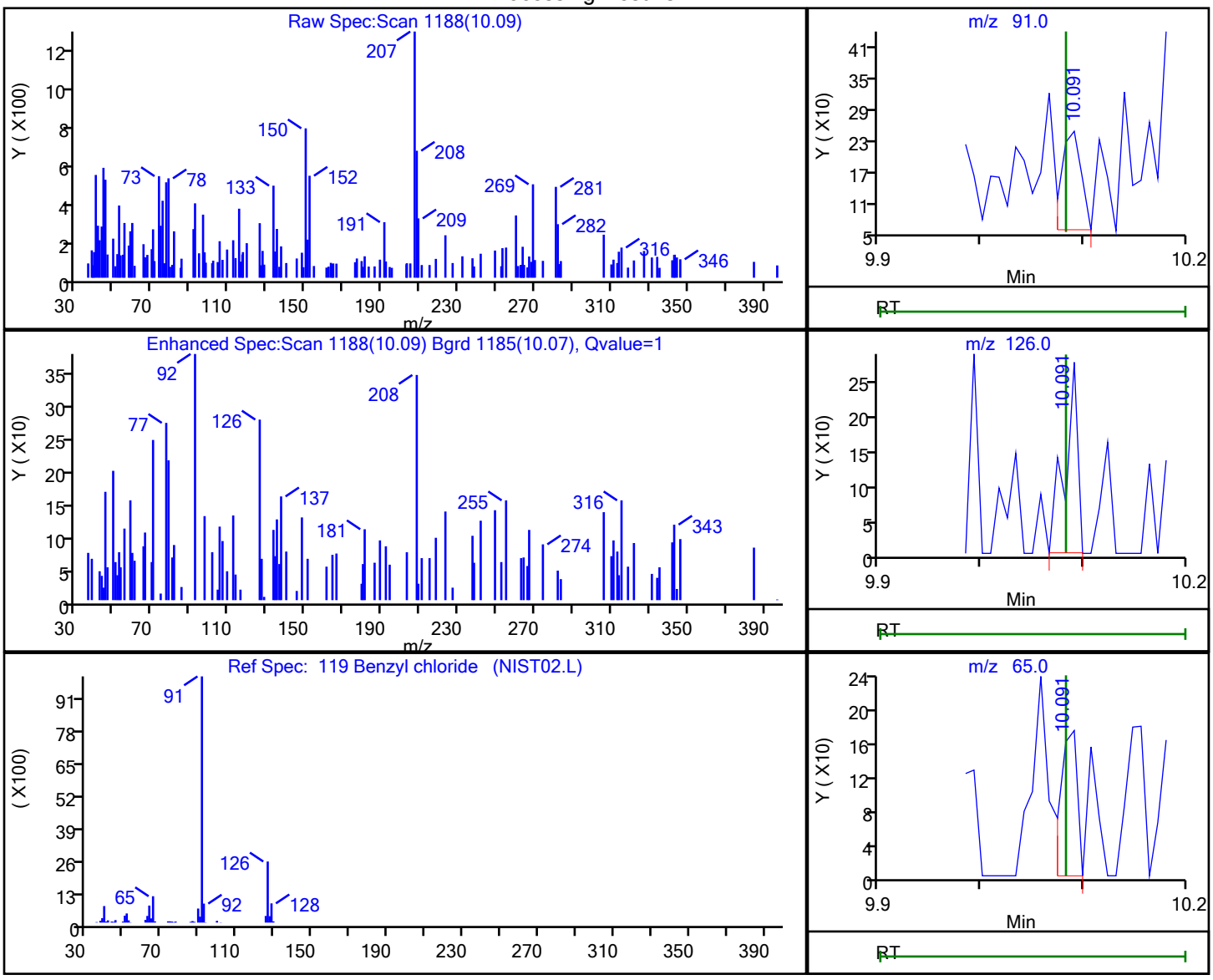
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.09	91.00	254	0.024771
10.09	126.00	240	
10.09	65.00	193	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

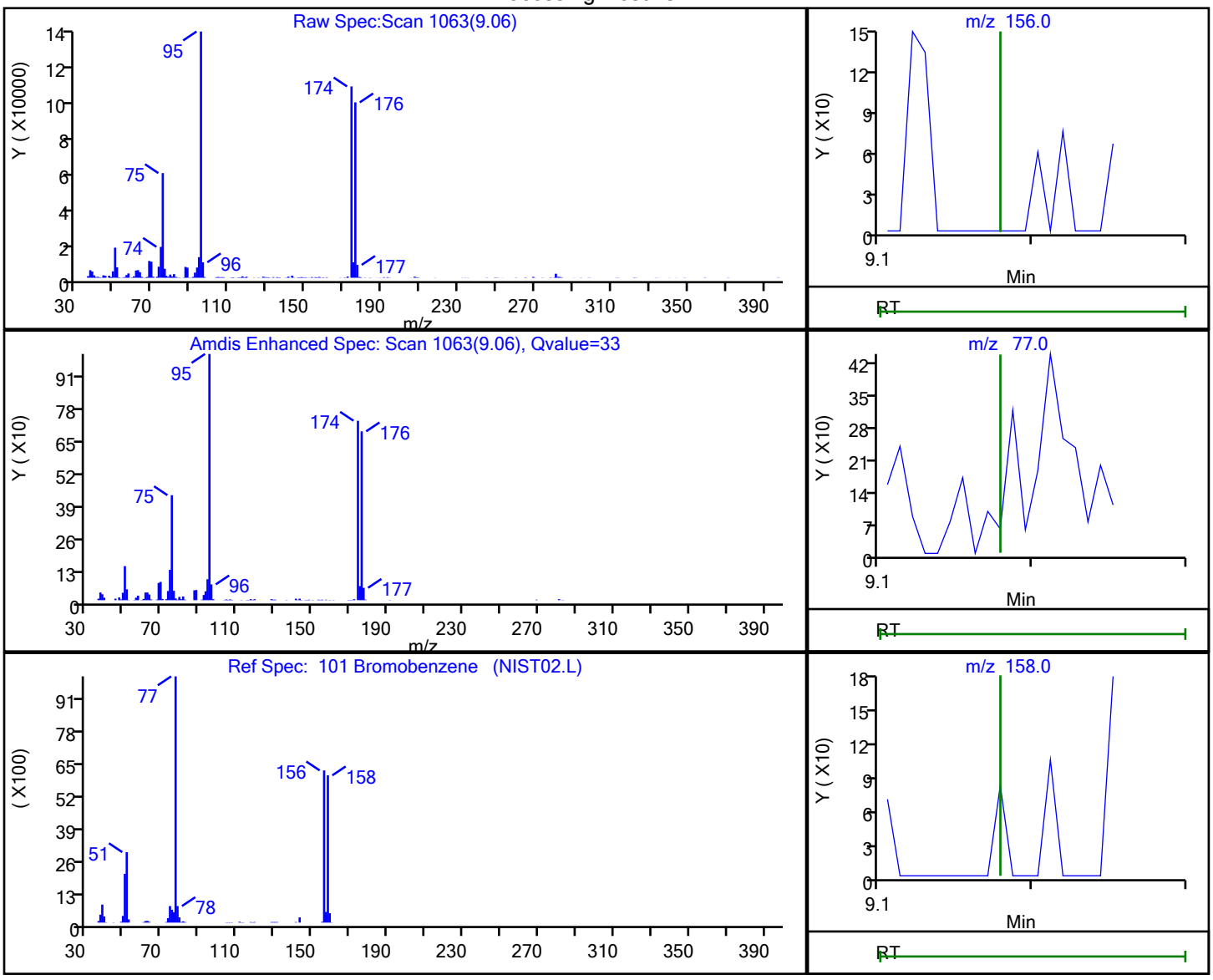
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

101 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.06	156.00	118	0.024959
9.06	77.00	1783	
9.06	158.00	43	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

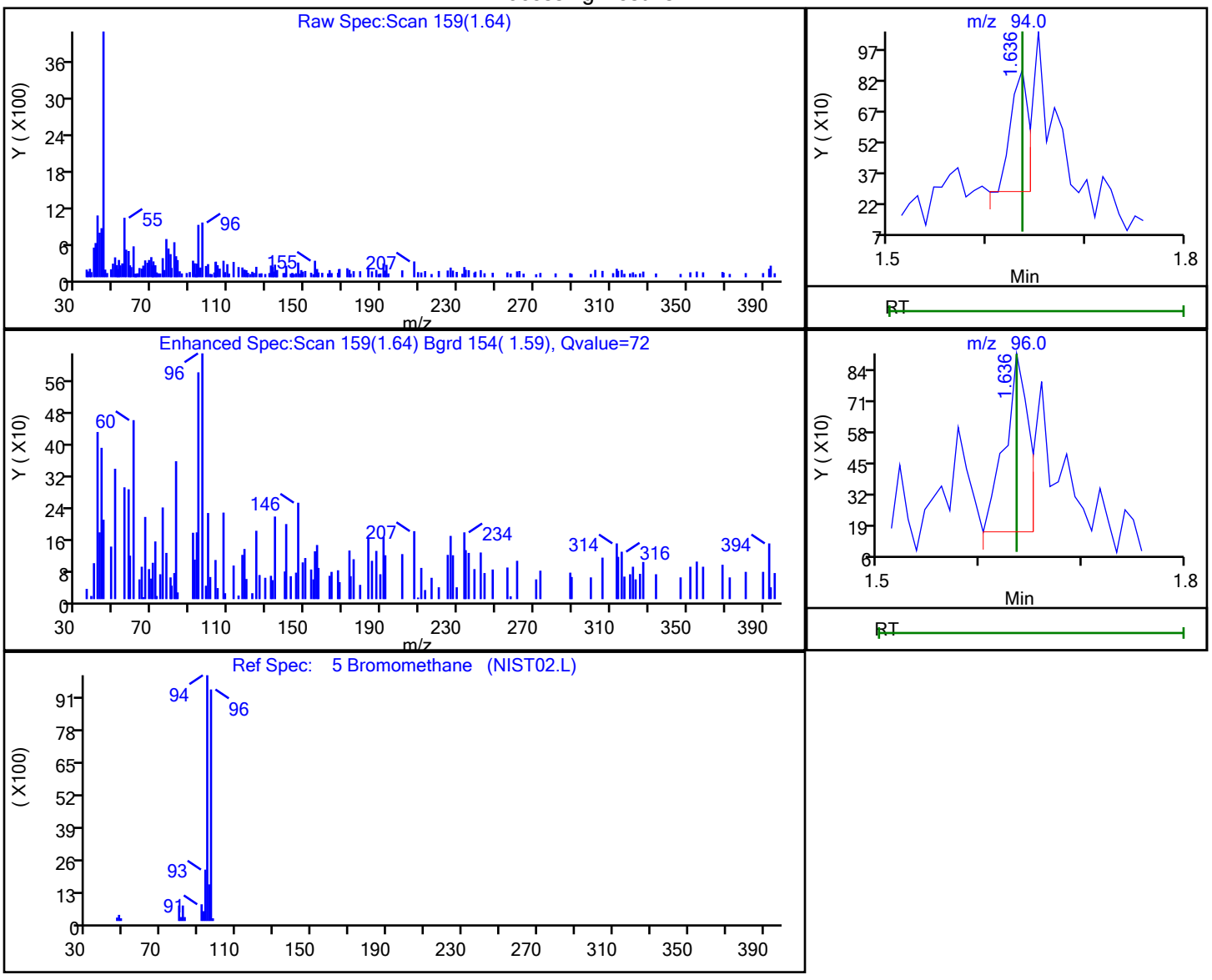
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.64	94.00	777	0.250000
1.64	96.00	1239	

Reviewer: HVW2, 21-Jan-2026 00:51:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

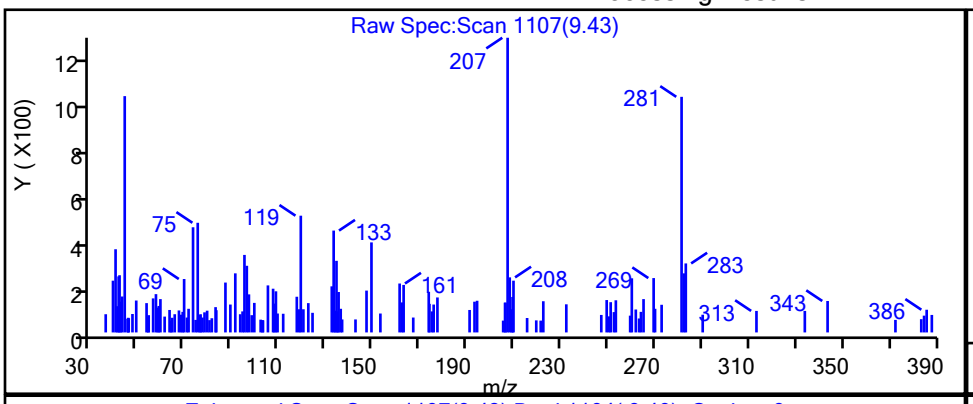
User Disabled Compound Report

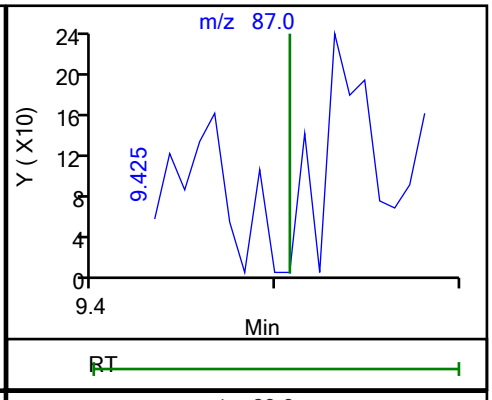
Eurofins Edison

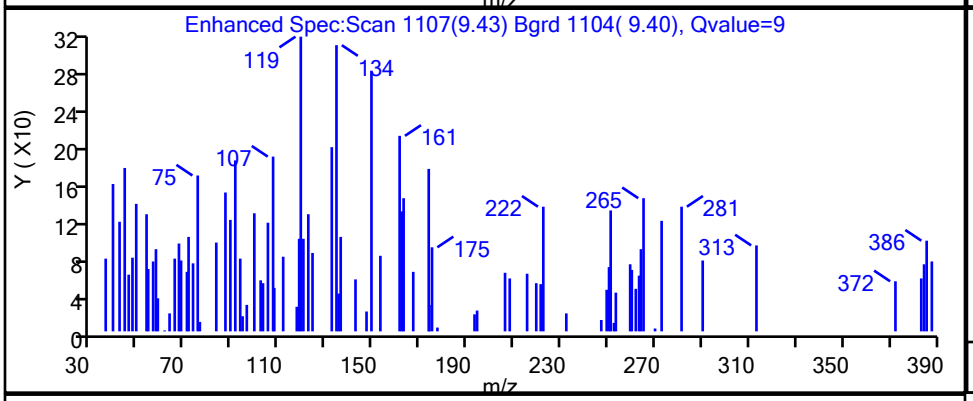
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

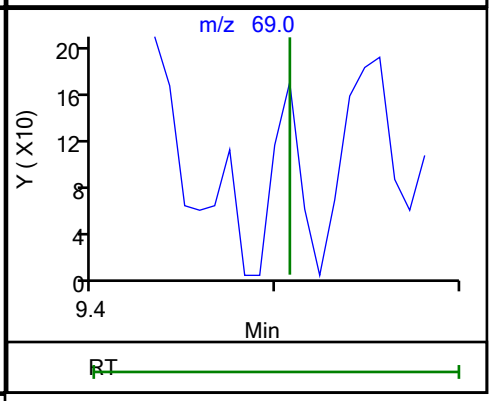
110 Butyl Methacrylate, CAS: 97-88-1

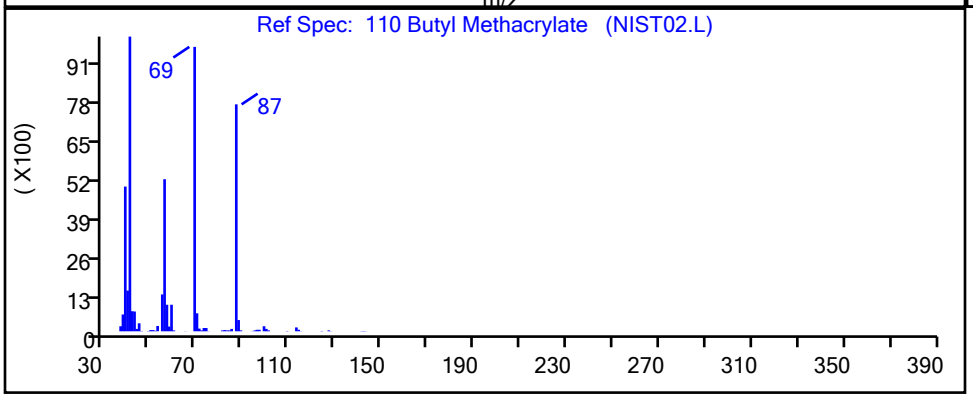
Processing Results











RT	Mass	Response	Amount
9.43	87.00	157	0.020955
9.43	69.00	393	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

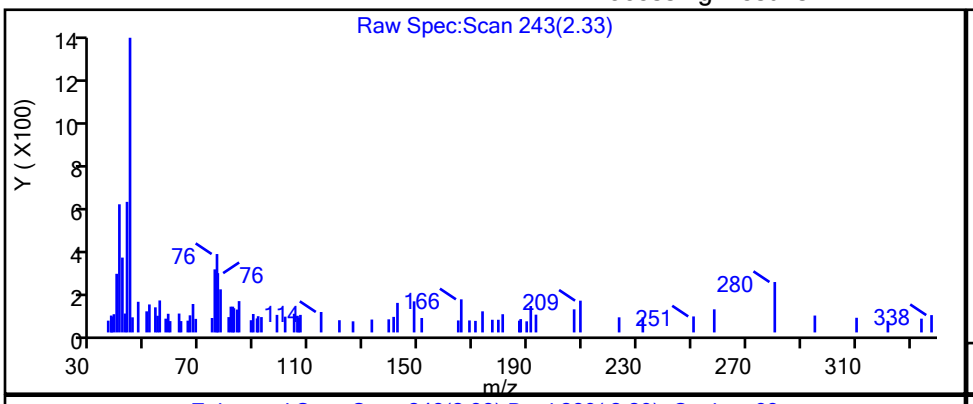
User Disabled Compound Report

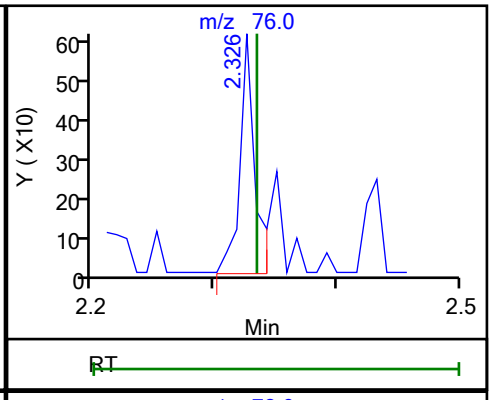
Eurofins Edison

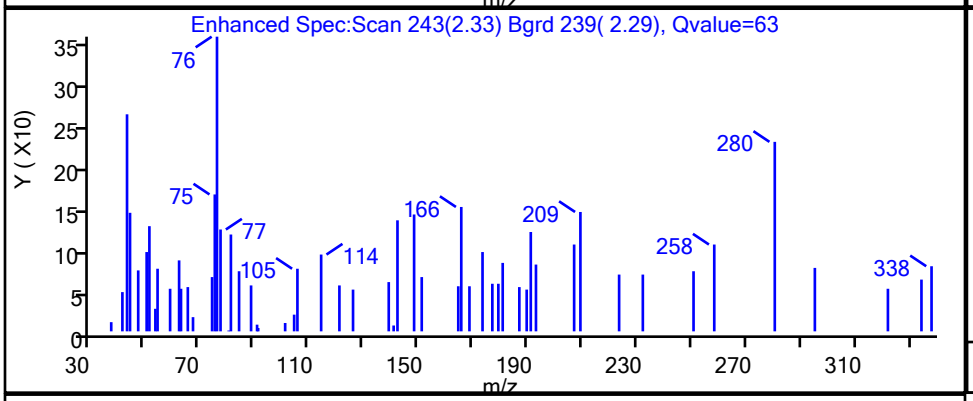
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

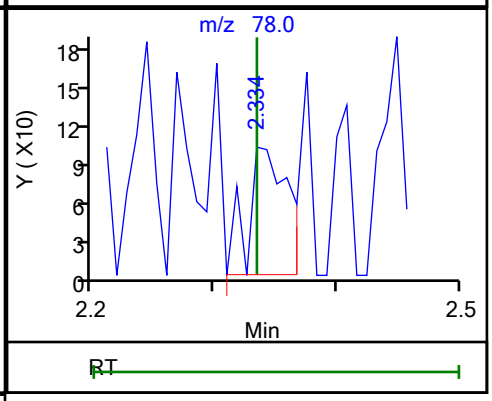
21 Carbon disulfide, CAS: 75-15-0

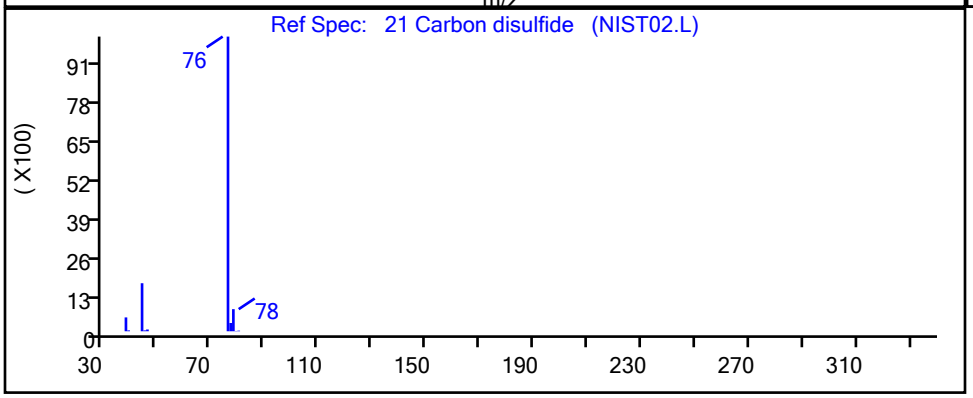
Processing Results











RT	Mass	Response	Amount
2.33	76.00	521	0.028357
2.33	78.00	234	

Reviewer: NN6A, 24-Jan-2026 10:16:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

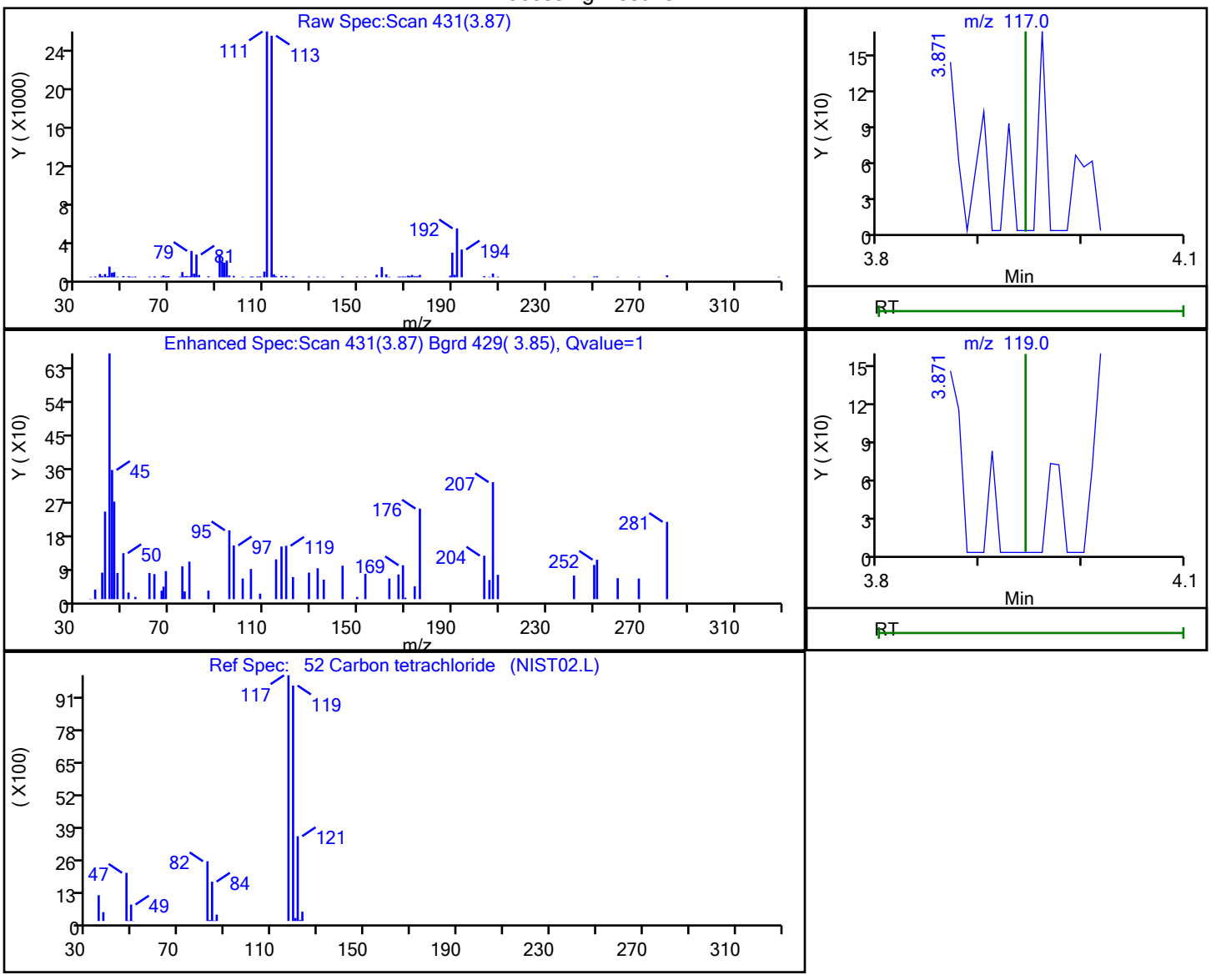
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D				
Injection Date:	21-Jan-2026 00:21:30	Instrument ID:	CVOAMS6		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

52 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
3.87	117.00	99	0.016231
3.87	119.00	128	

Reviewer: NN6A, 24-Jan-2026 10:17:18 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

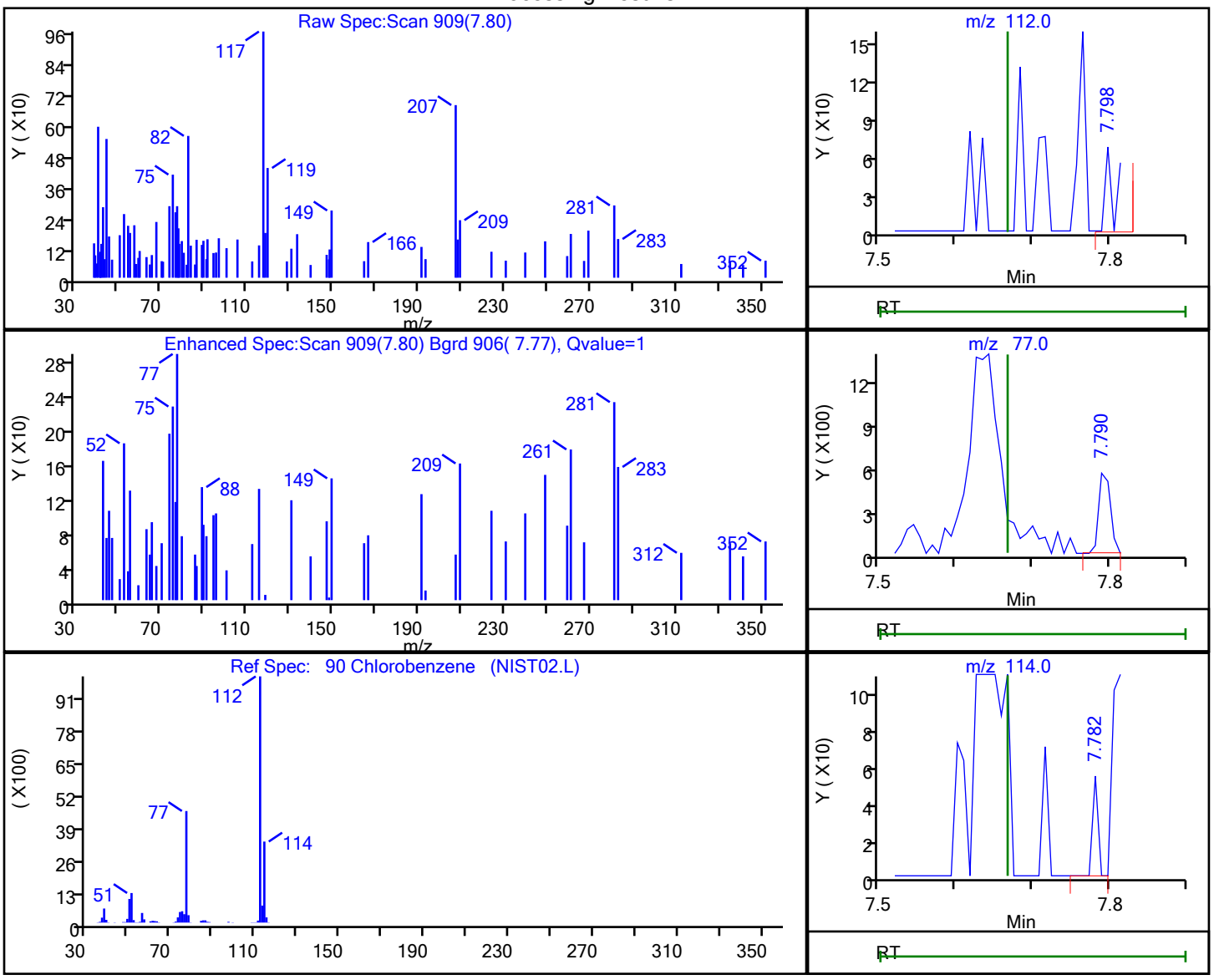
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

90 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
7.80	112.00	57	0.004888
7.79	77.00	570	
7.78	114.00	25	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

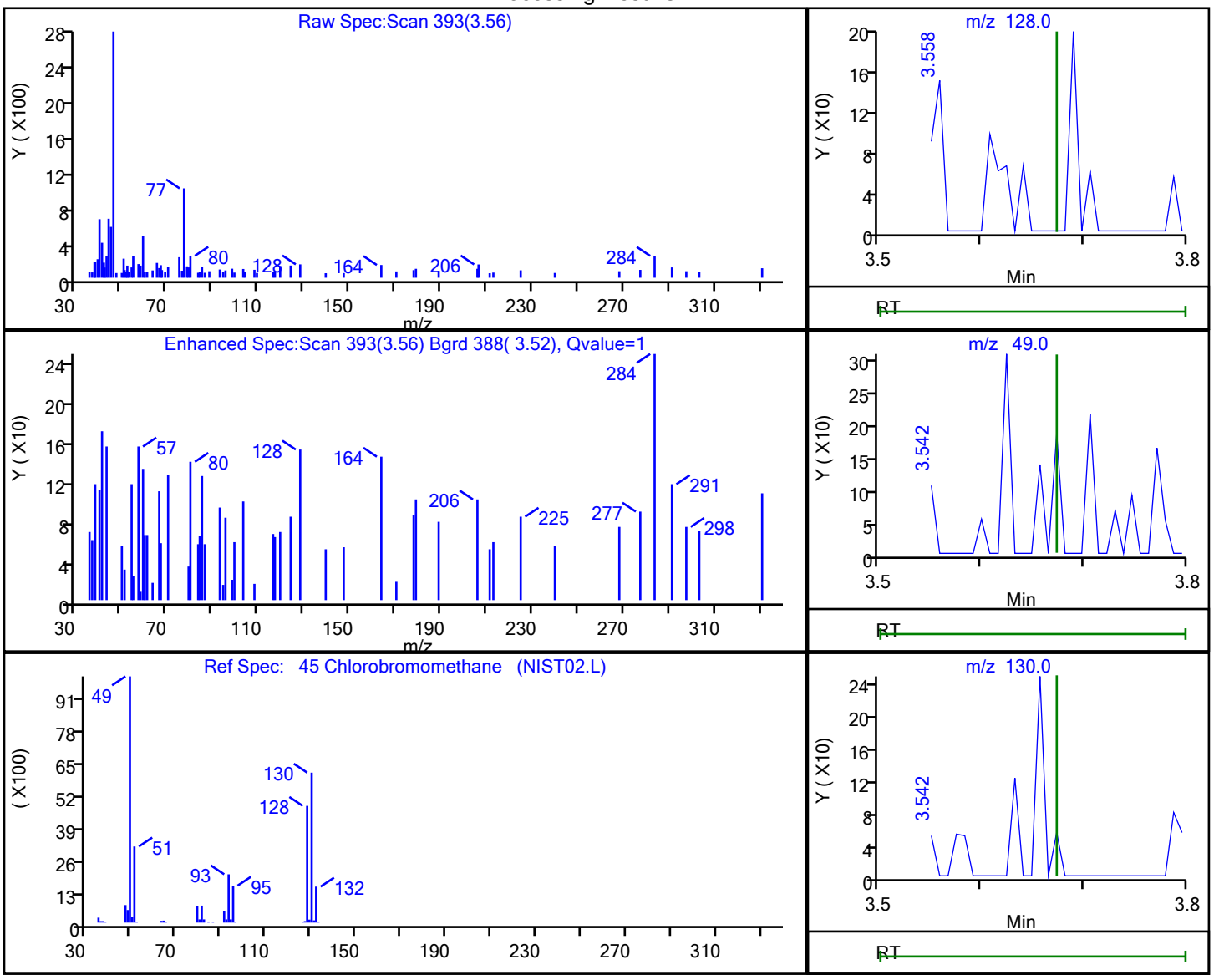
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
3.56	128.00	161	0.069379
3.54	49.00	133	
3.54	130.00	131	

Reviewer: NN6A, 24-Jan-2026 10:17:17 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

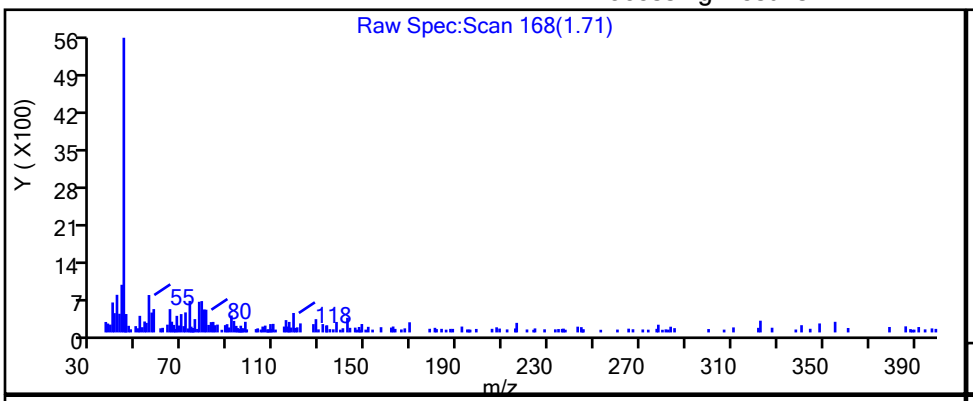
User Disabled Compound Report

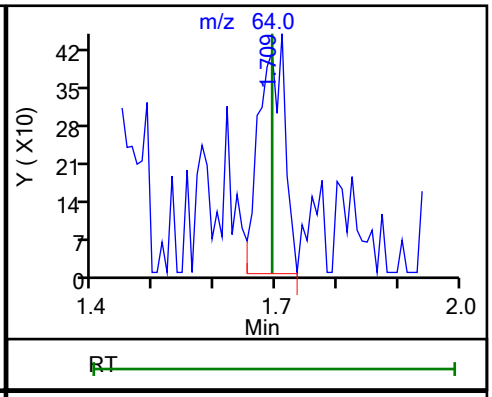
Eurofins Edison

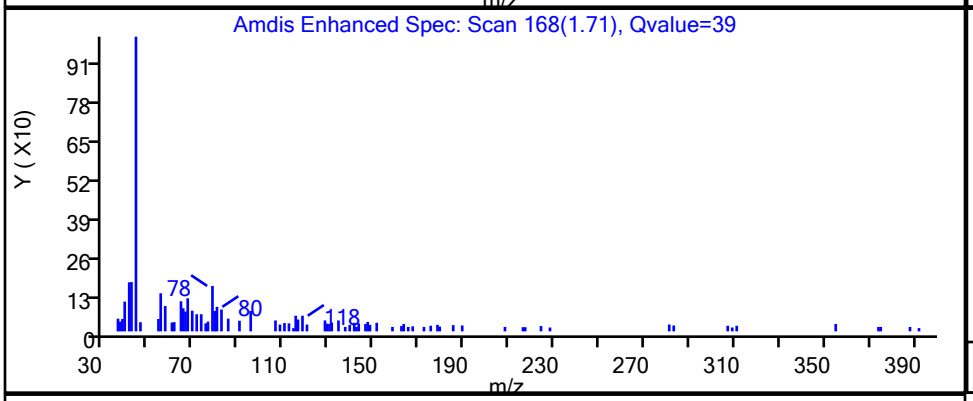
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

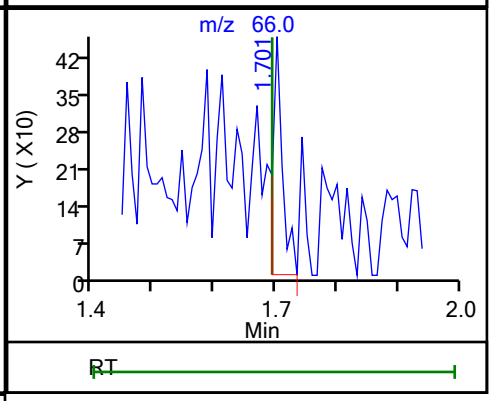
6 Chloroethane, CAS: 75-00-3

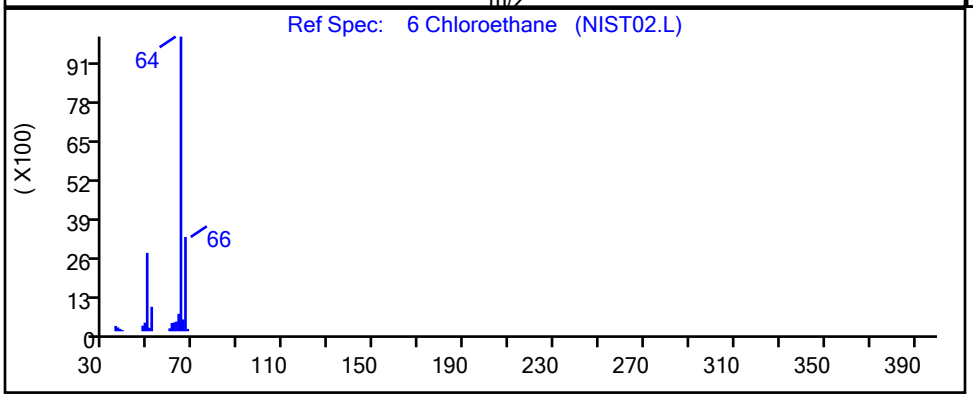
Processing Results











RT	Mass	Response	Amount
1.71	64.00	1259	0.250000
1.70	66.00	492	

Reviewer: HVW2, 21-Jan-2026 00:51:05 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

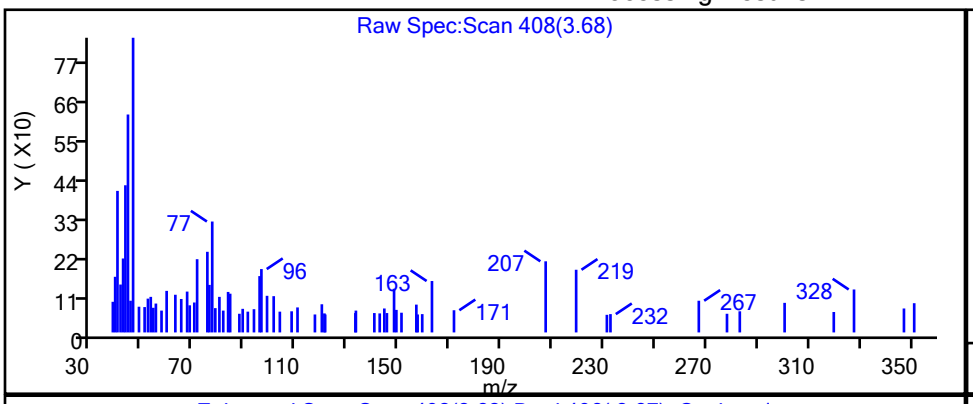
User Disabled Compound Report

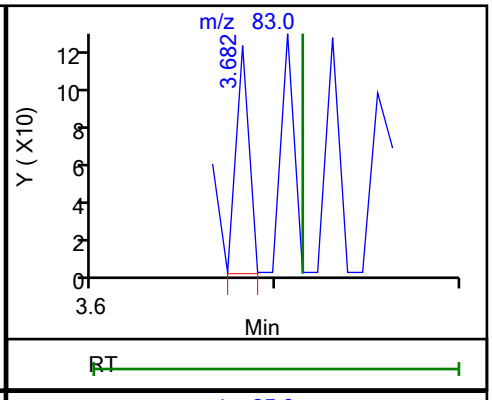
Eurofins Edison

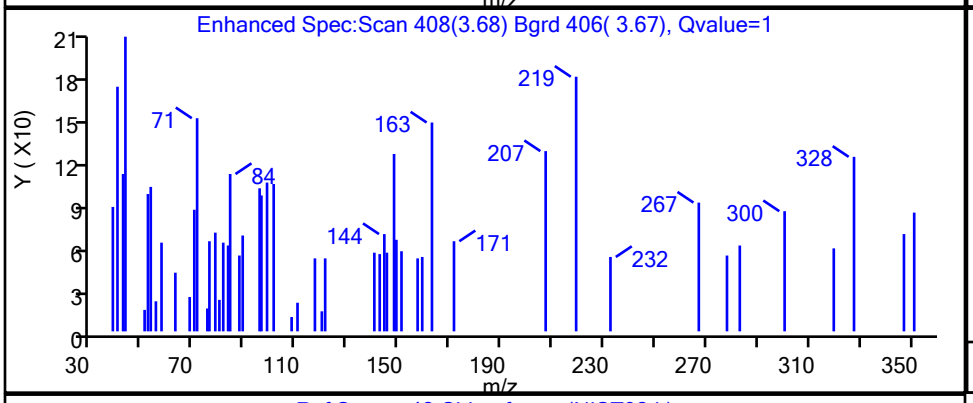
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

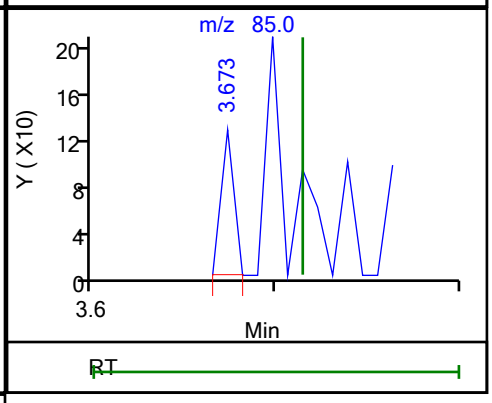
48 Chloroform, CAS: 67-66-3

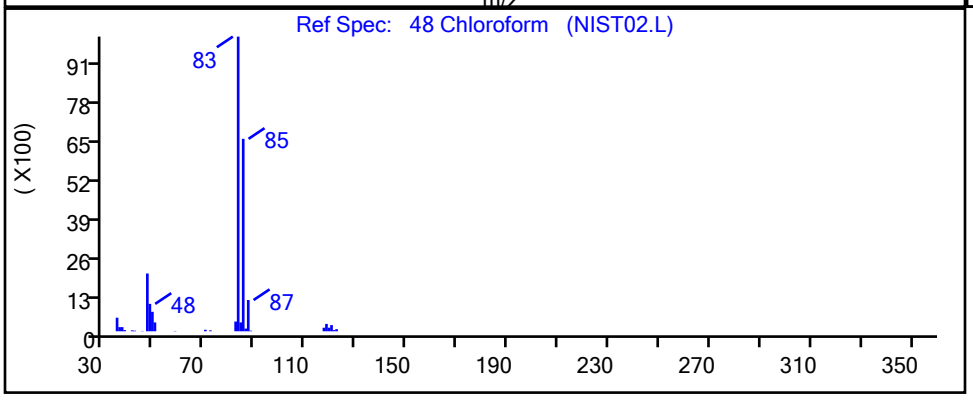
Processing Results











RT	Mass	Response	Amount
3.68	83.00	57	0.007106
3.67	85.00	63	

Reviewer: NN6A, 24-Jan-2026 10:17:17 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

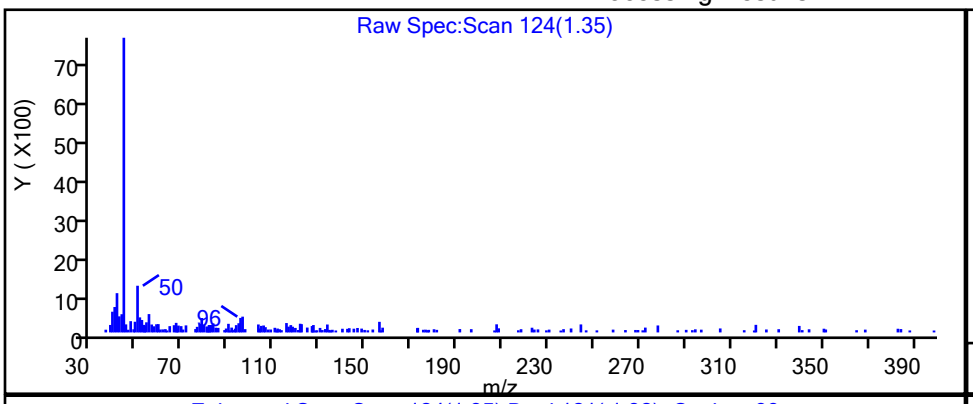
User Disabled Compound Report

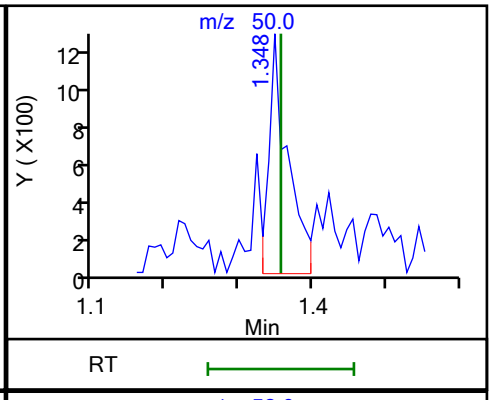
Eurofins Edison

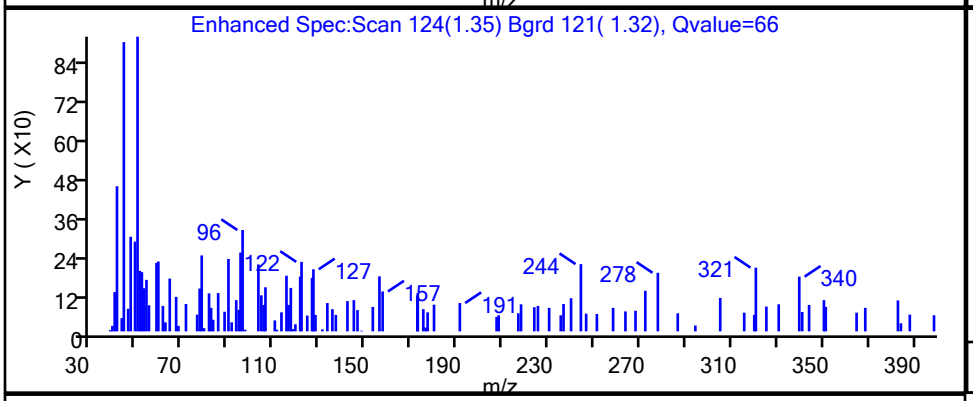
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

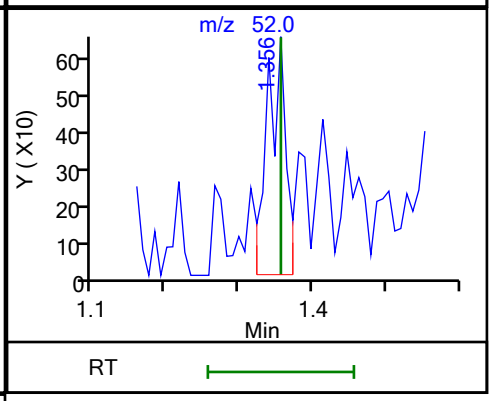
2 Chloromethane, CAS: 74-87-3

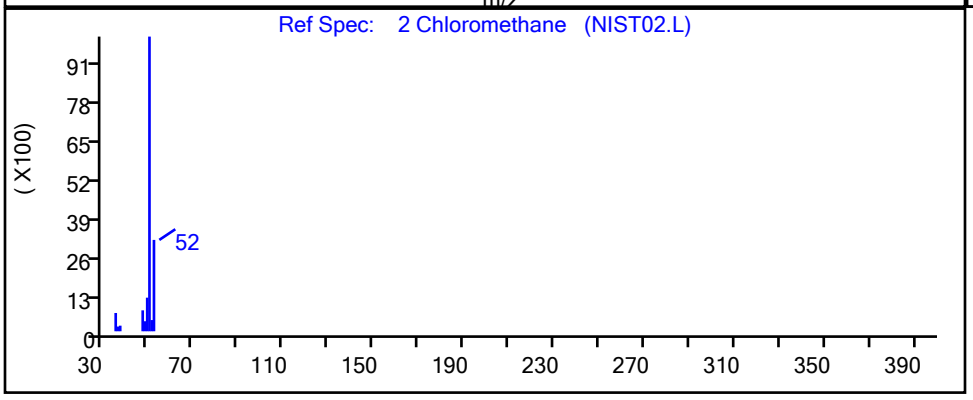
Processing Results











RT	Mass	Response	Amount
1.35	50.00	2168	0.250000
1.36	52.00	1174	

Reviewer: HVW2, 21-Jan-2026 00:50:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

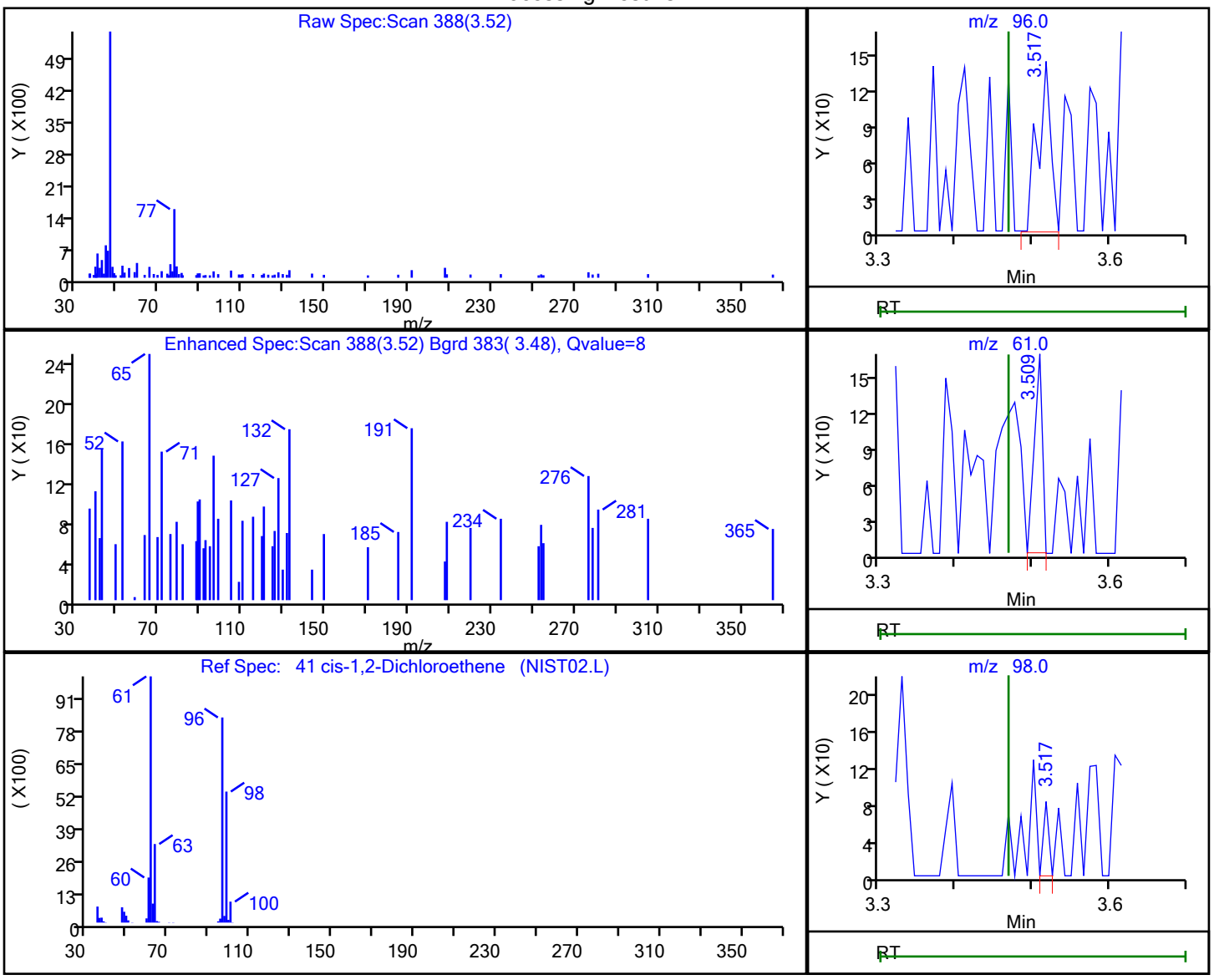
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

41 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
3.52	96.00	168	0.029878
3.51	61.00	121	
3.52	98.00	39	

Reviewer: NN6A, 24-Jan-2026 10:17:17 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

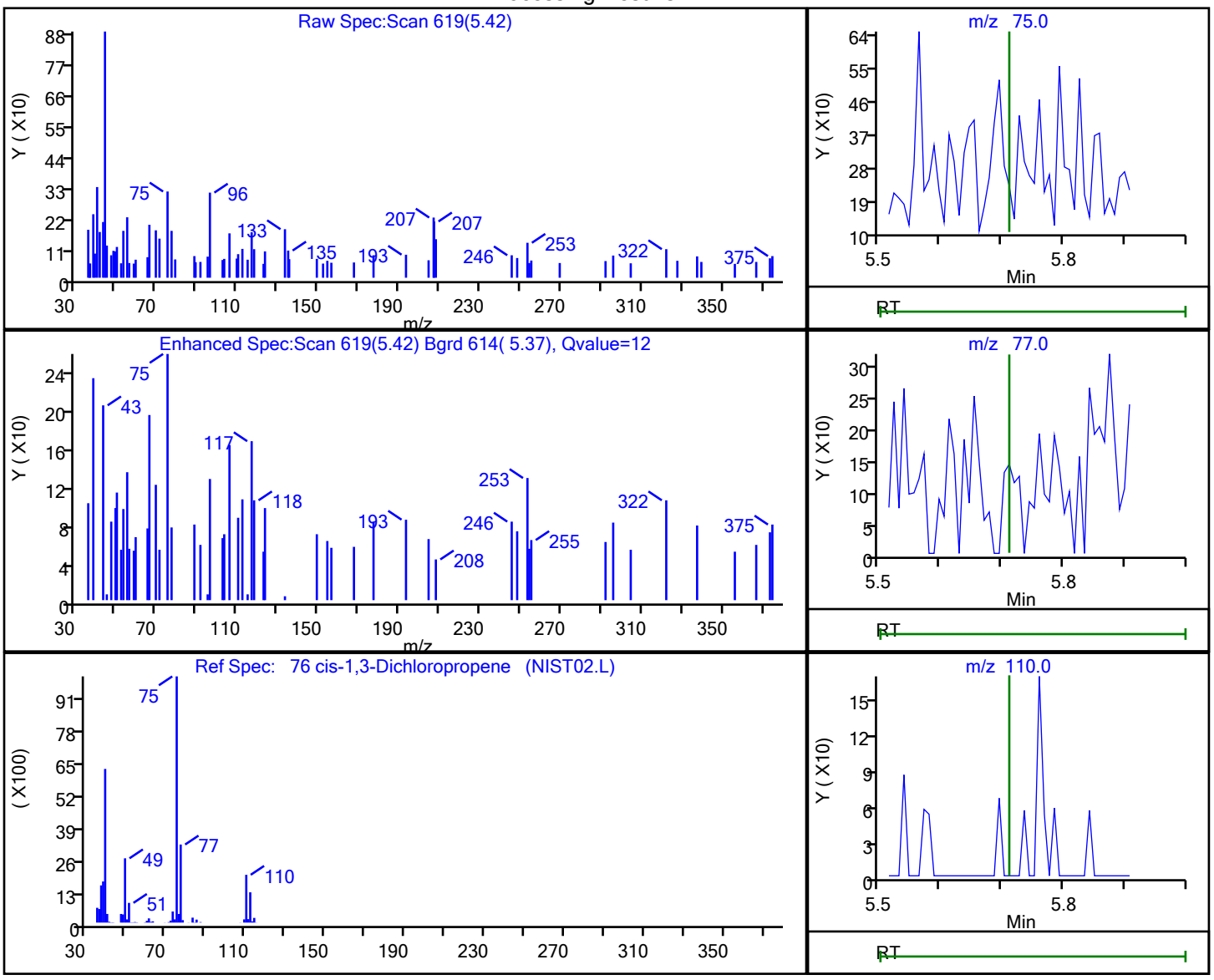
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
5.42	75.00	843	0.072678
5.42	77.00	528	
5.42	110.00	71	

Reviewer: HVW2, 21-Jan-2026 00:51:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

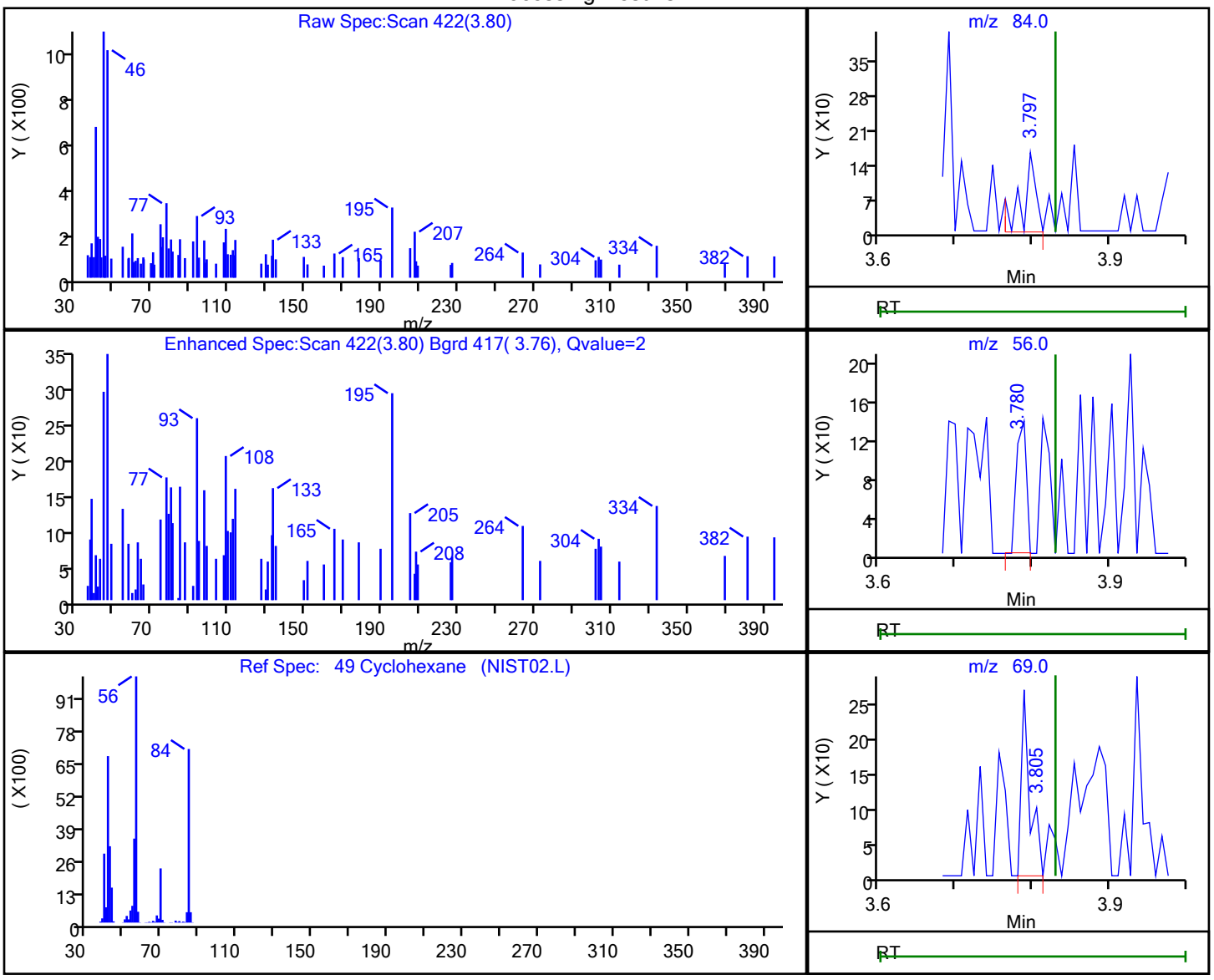
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
3.80	84.00	190	0.024137
3.78	56.00	123	
3.80	69.00	206	

Reviewer: NN6A, 24-Jan-2026 10:17:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

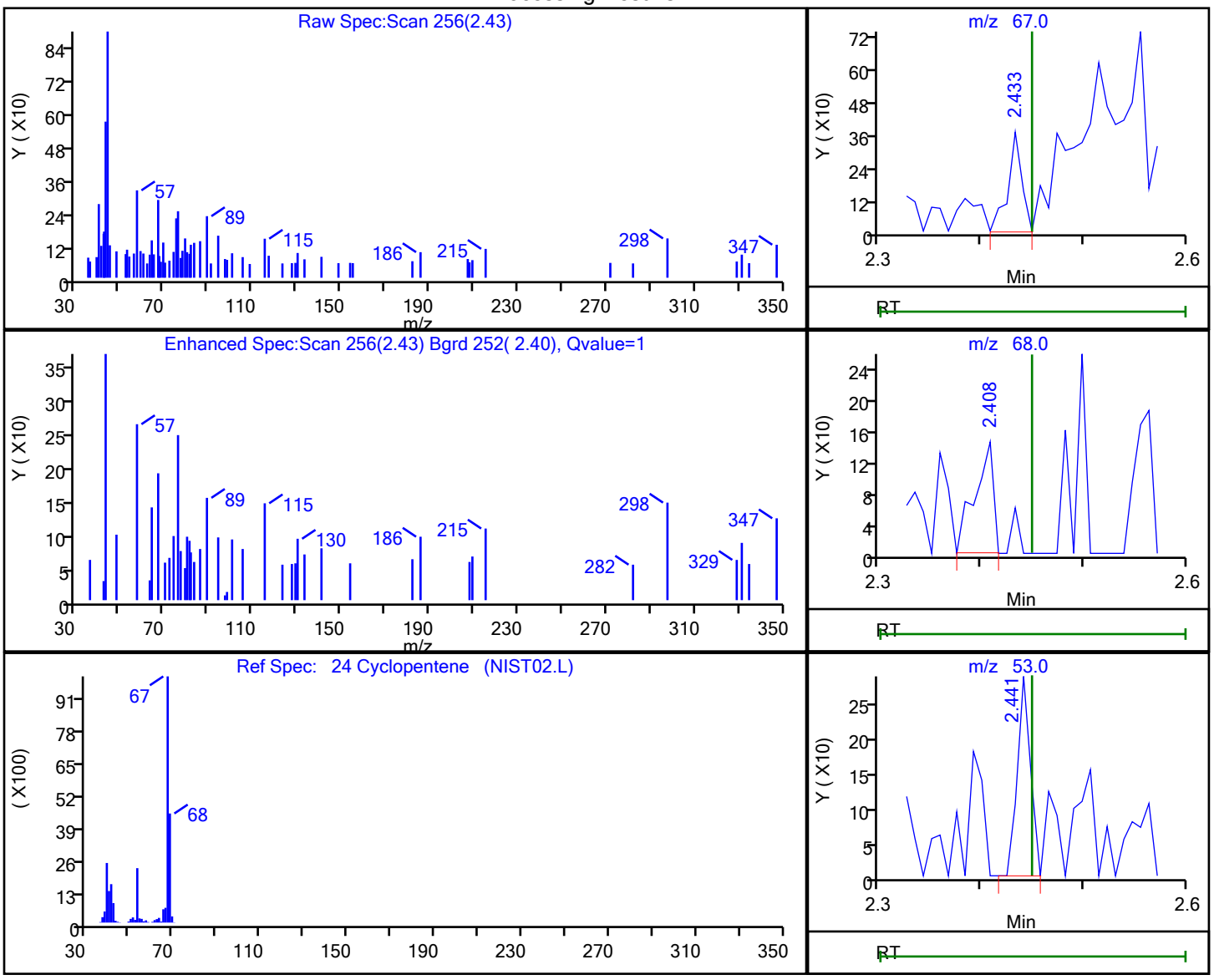
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.43	67.00	340	0.029837
2.41	68.00	180	
2.44	53.00	254	

Reviewer: NN6A, 24-Jan-2026 10:16:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

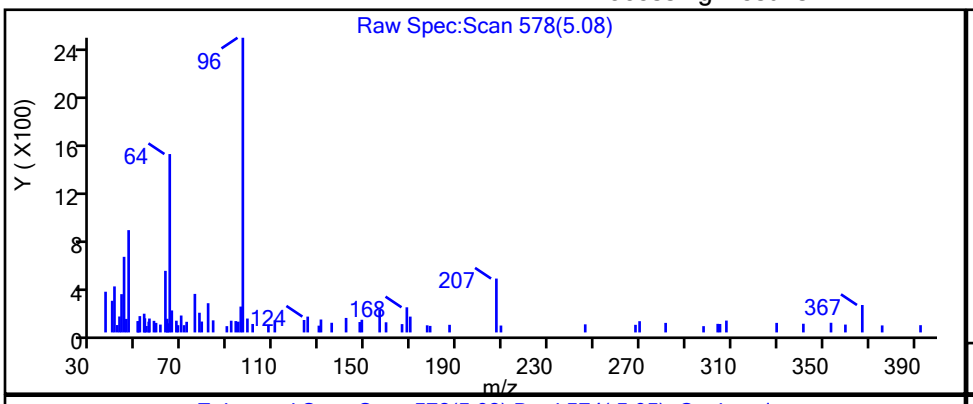
User Disabled Compound Report

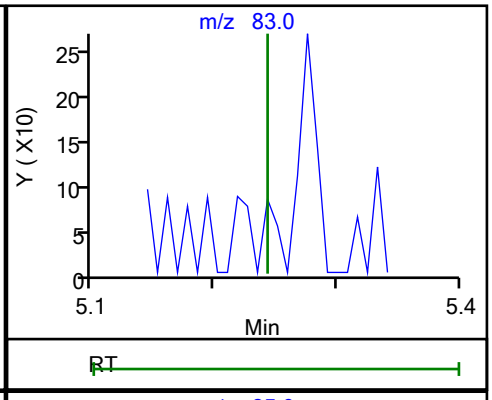
Eurofins Edison

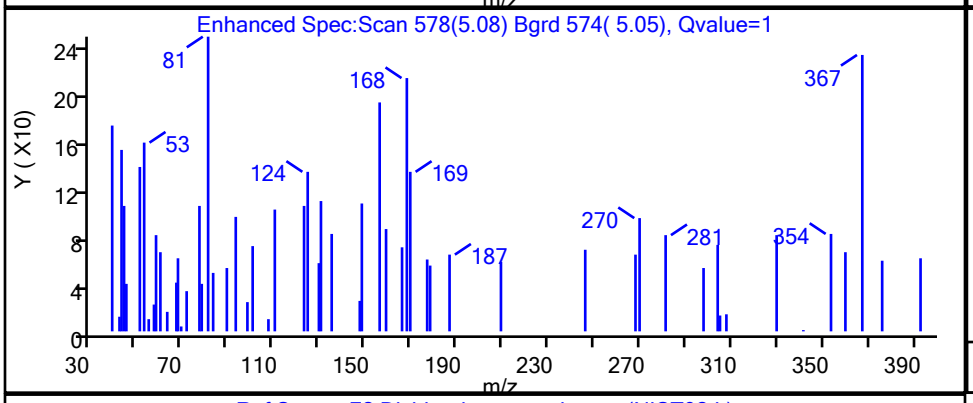
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

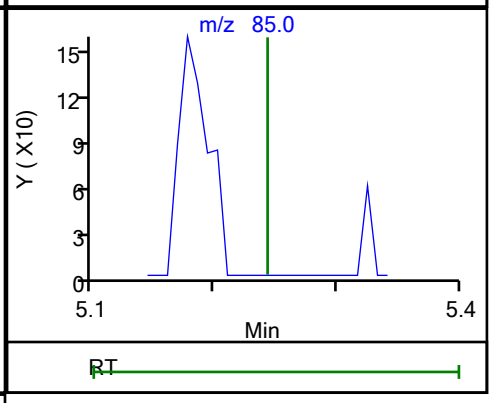
72 Dichlorobromomethane, CAS: 75-27-4

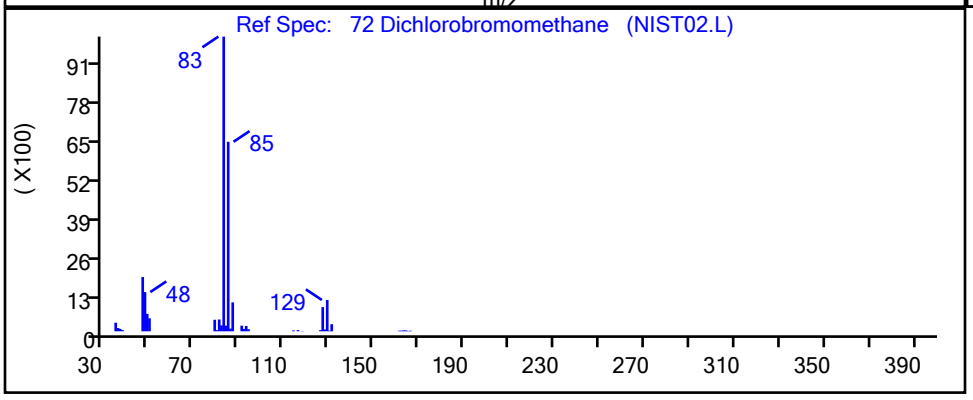
Processing Results











RT	Mass	Response	Amount
5.08	83.00	134	0.019101
5.07	85.00	146	

Reviewer: HVW2, 21-Jan-2026 00:51:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

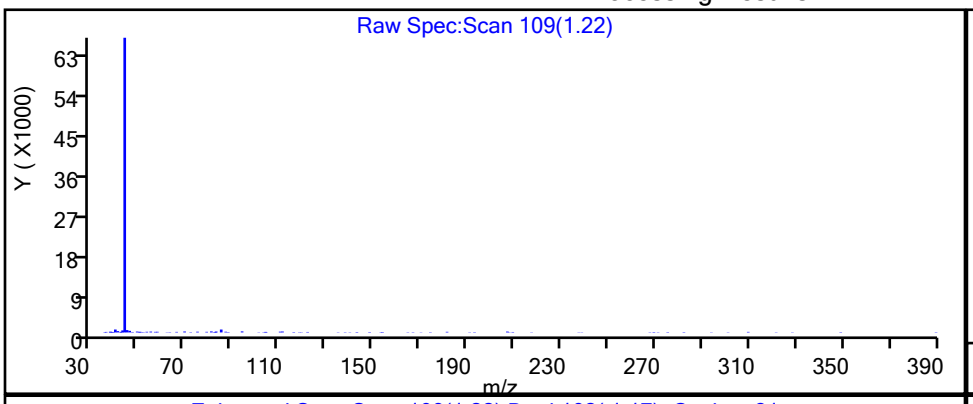
User Disabled Compound Report

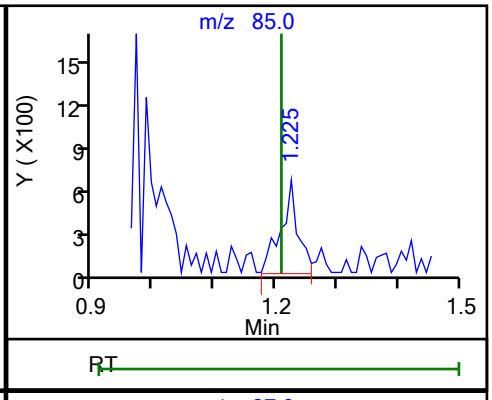
Eurofins Edison

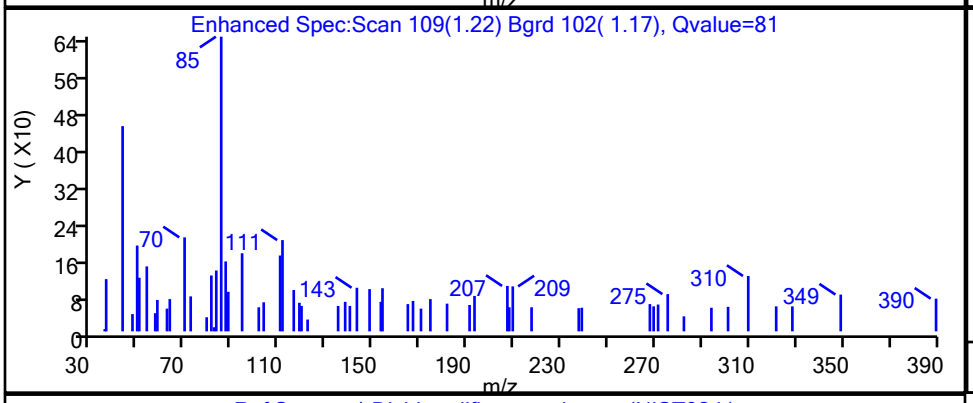
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D				
Injection Date:	21-Jan-2026 00:21:30	Instrument ID:	CVOAMS6		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

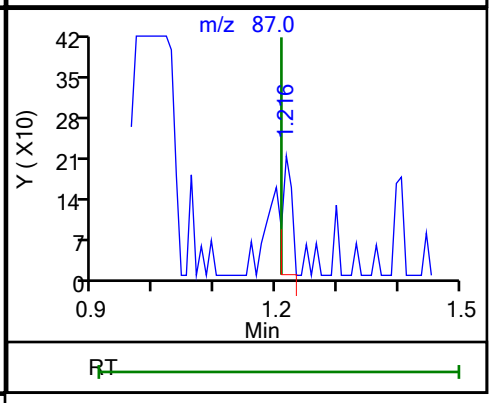
1 Dichlorodifluoromethane, CAS: 75-71-8

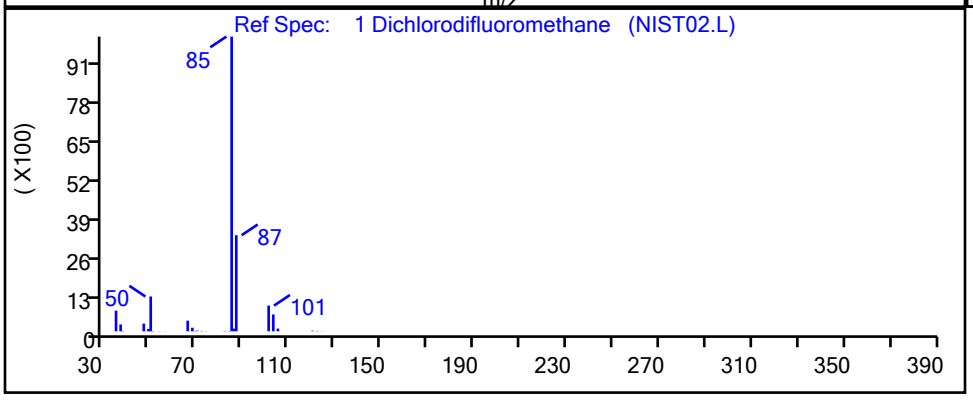
Processing Results











RT	Mass	Response	Amount
1.22	85.00	1261	0.250000
1.22	87.00	219	

Reviewer: HVW2, 21-Jan-2026 00:50:56 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

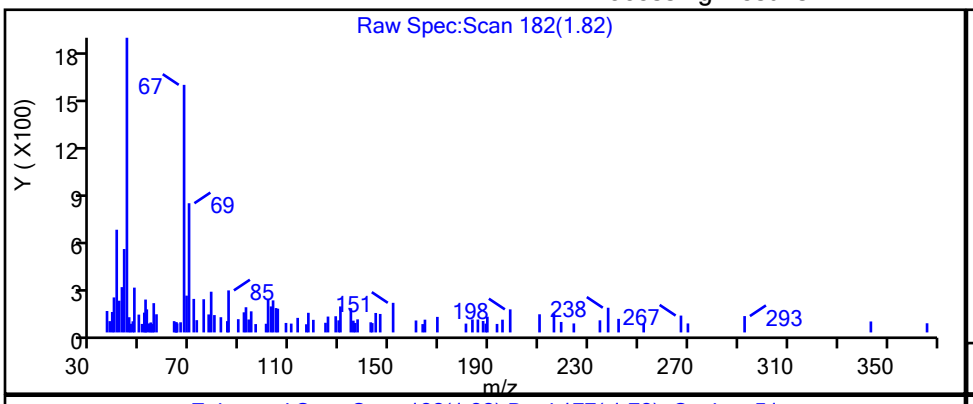
User Disabled Compound Report

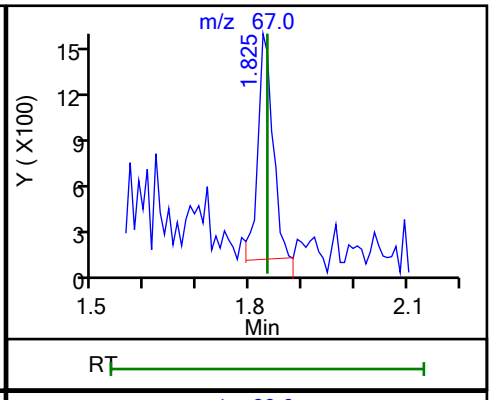
Eurofins Edison

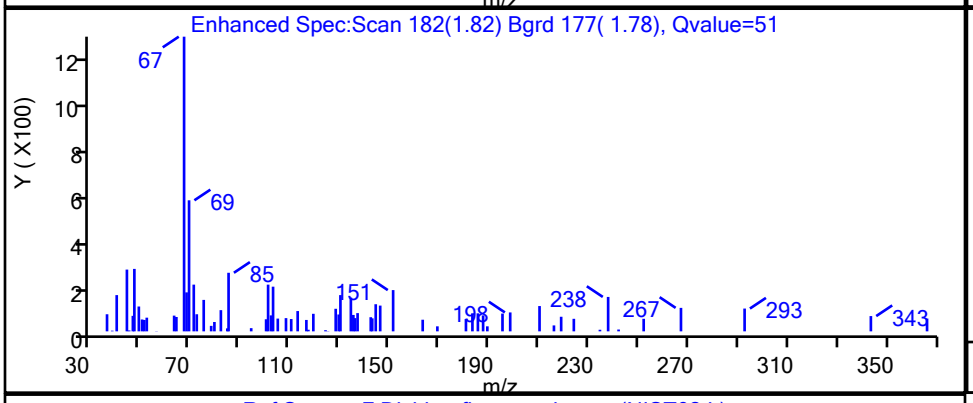
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

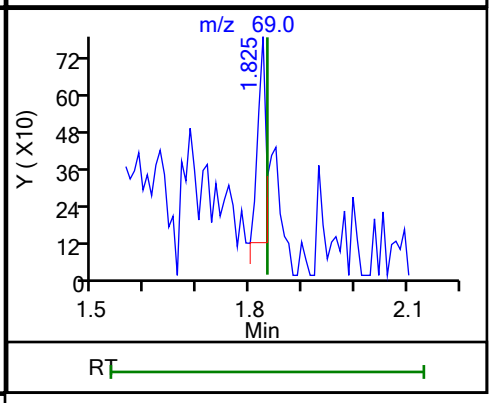
7 Dichlorofluoromethane, CAS: 75-43-4

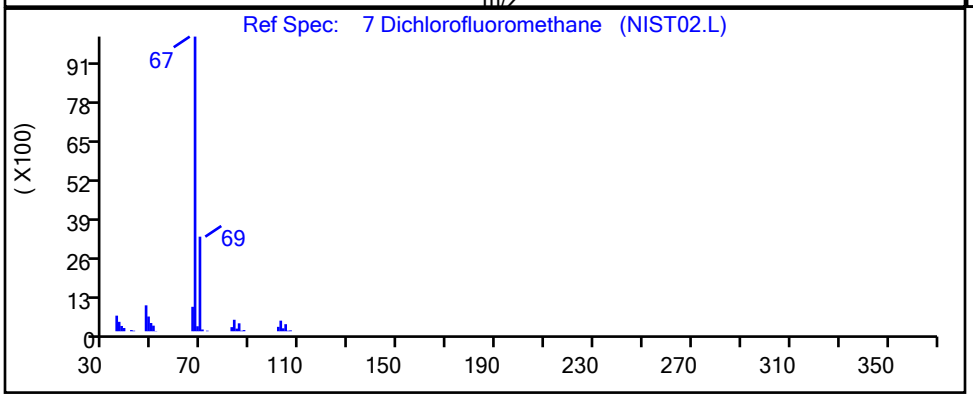
Processing Results











RT	Mass	Response	Amount
1.82	67.00	2847	0.250000
1.82	69.00	727	

Reviewer: HVW2, 21-Jan-2026 00:51:06 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

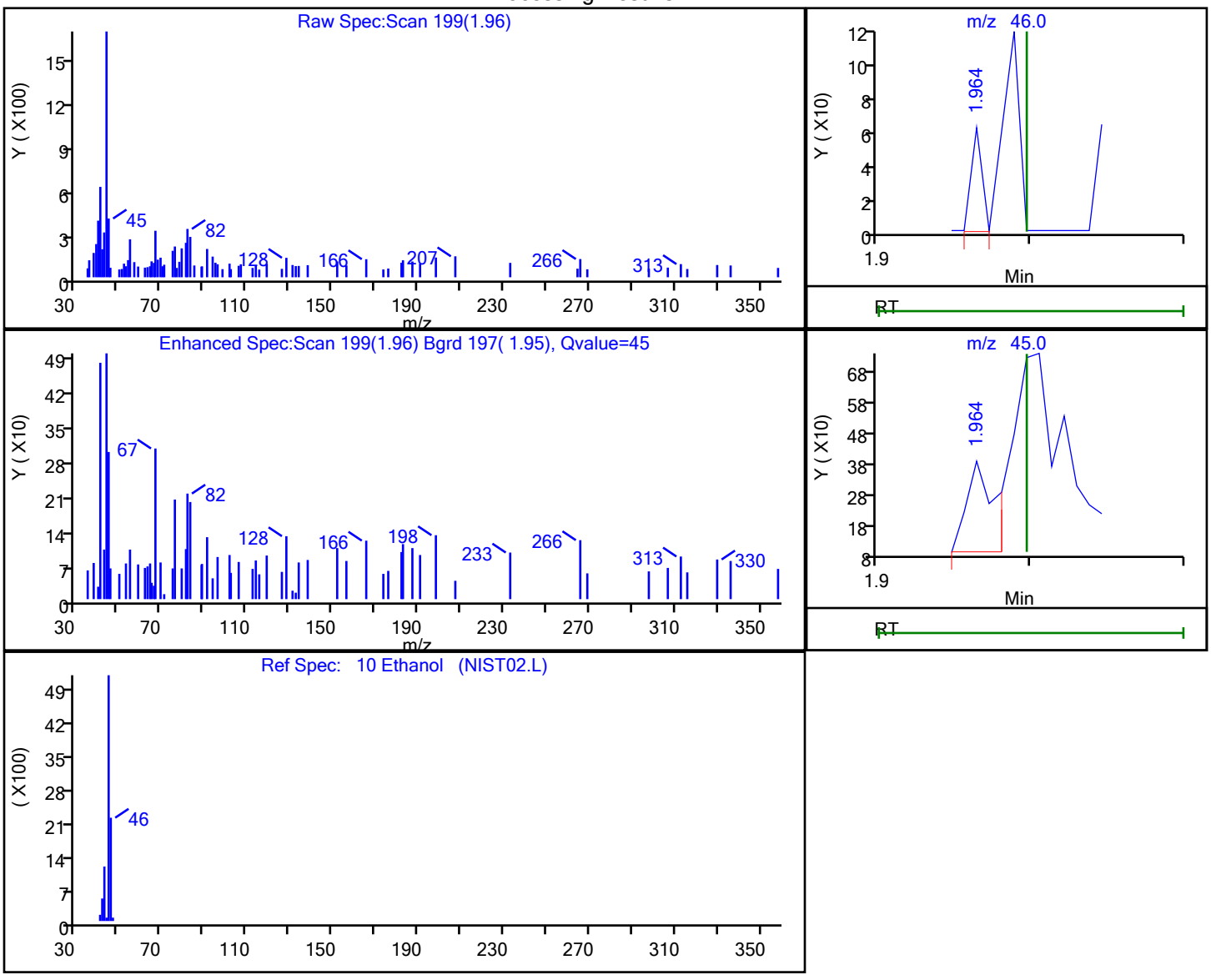
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.96	46.00	31	1.824732
1.96	45.00	386	

Reviewer: NN6A, 24-Jan-2026 10:16:42 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

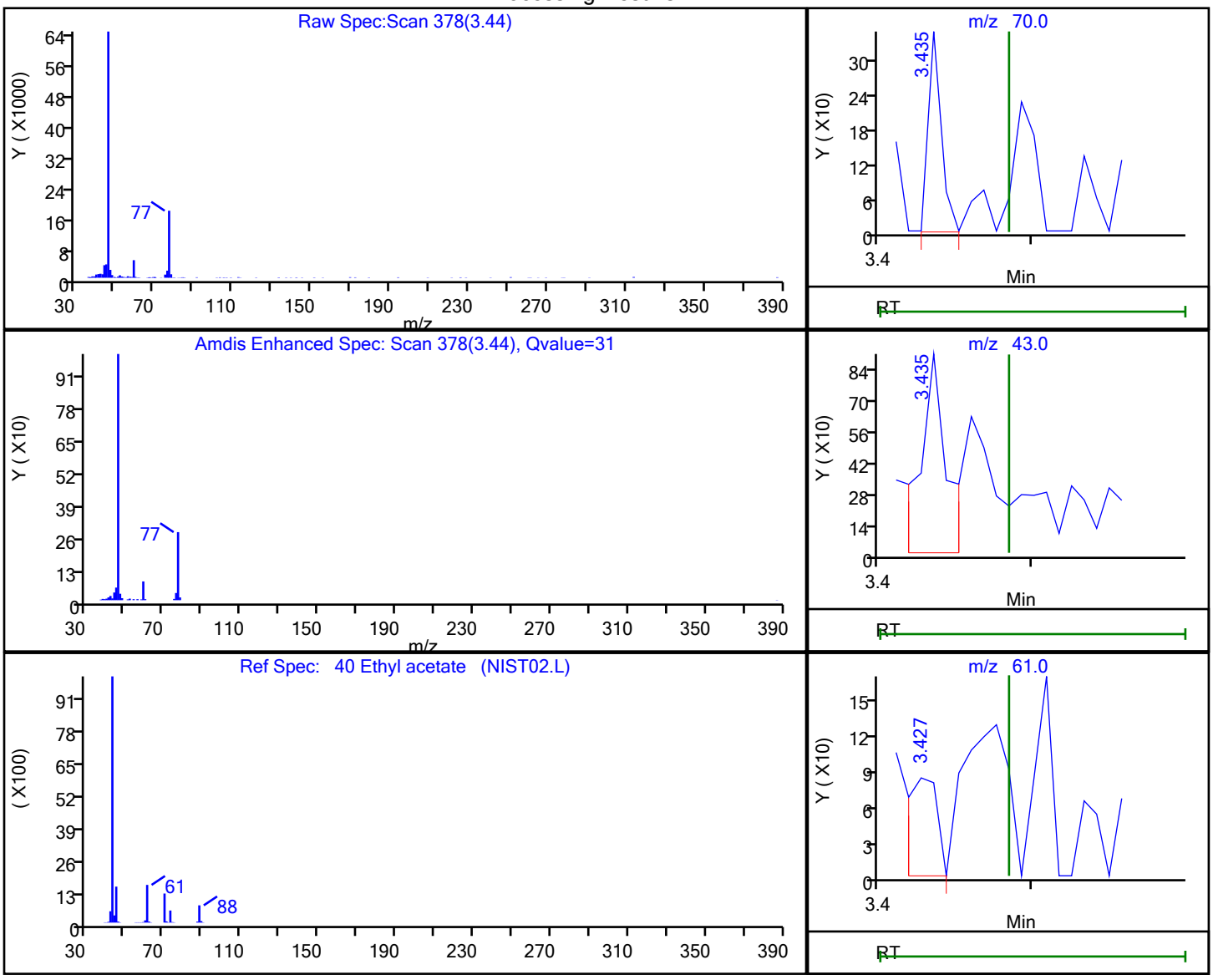
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

40 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.44	70.00	204	0.535756
3.44	43.00	1105	
3.43	61.00	110	

Reviewer: NN6A, 24-Jan-2026 10:17:17 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

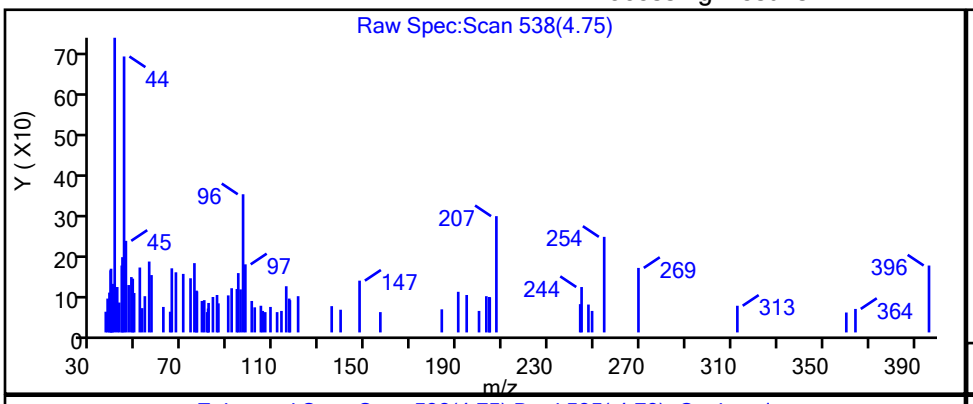
User Disabled Compound Report

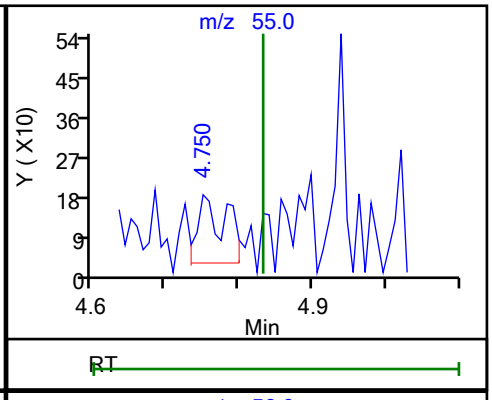
Eurofins Edison

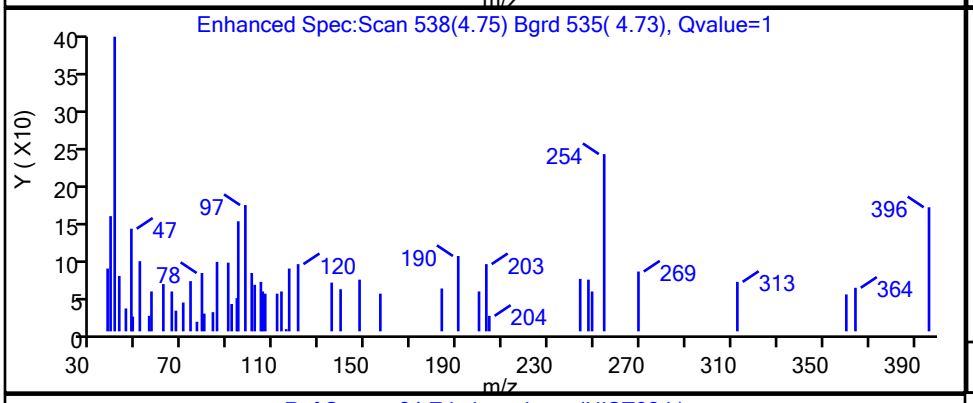
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

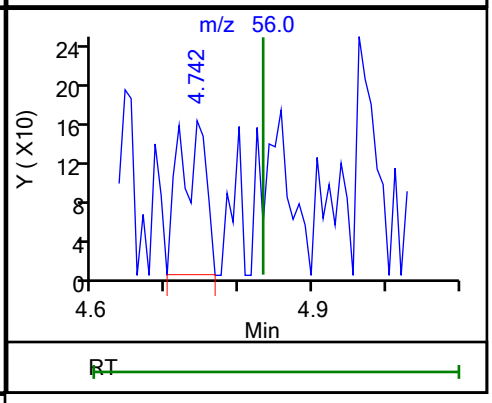
64 Ethyl acrylate, CAS: 140-88-5

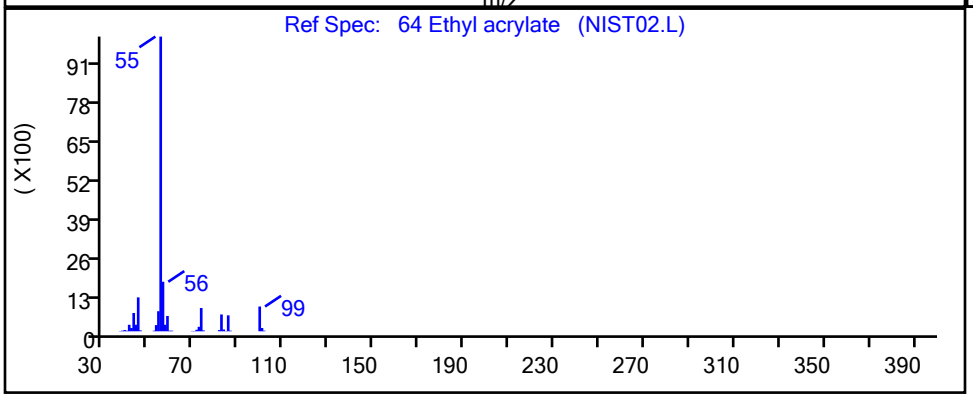
Processing Results











RT	Mass	Response	Amount
4.75	55.00	413	0.042414
4.74	56.00	395	

Reviewer: NN6A, 24-Jan-2026 10:17:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

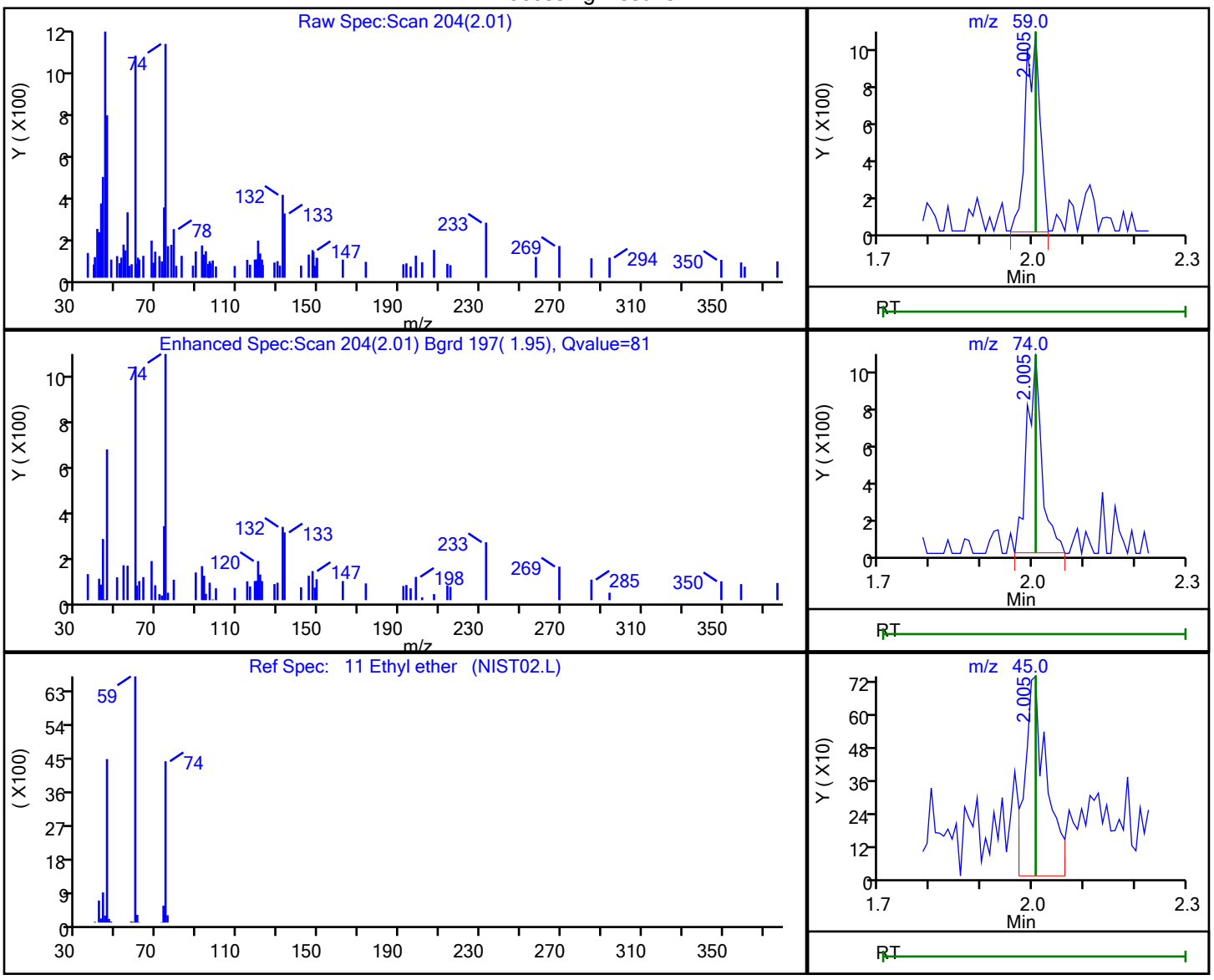
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.01	59.00	1952	0.600874
2.01	74.00	2115	
2.01	45.00	2173	

Reviewer: NN6A, 24-Jan-2026 10:16:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

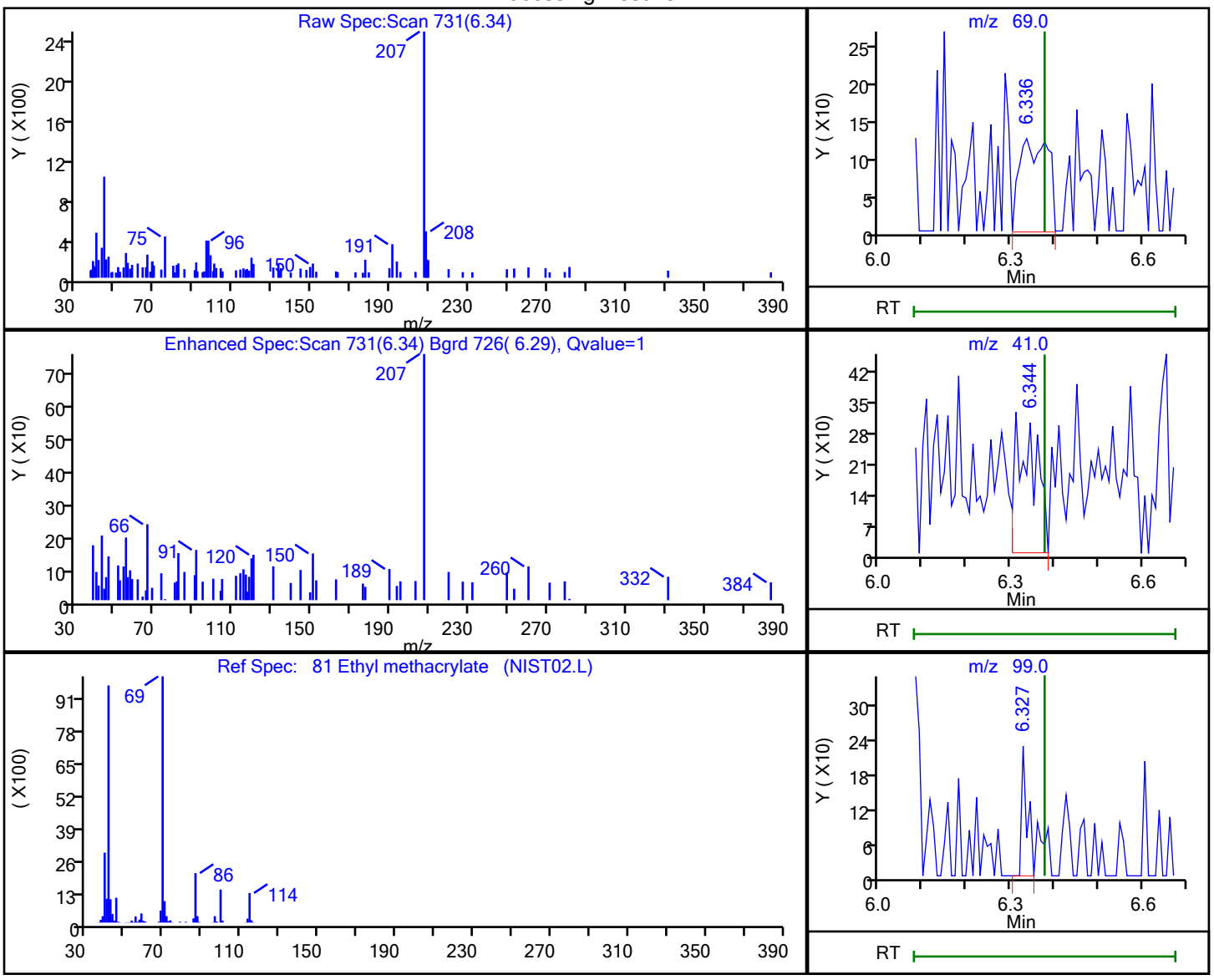
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

81 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
6.34	69.00	562	0.118837
6.34	41.00	974	
6.33	99.00	207	

Reviewer: NN6A, 24-Jan-2026 10:17:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

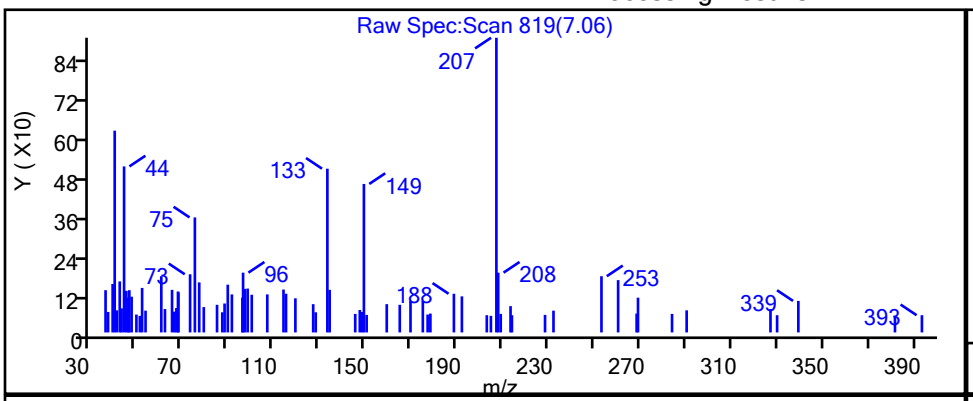
User Disabled Compound Report

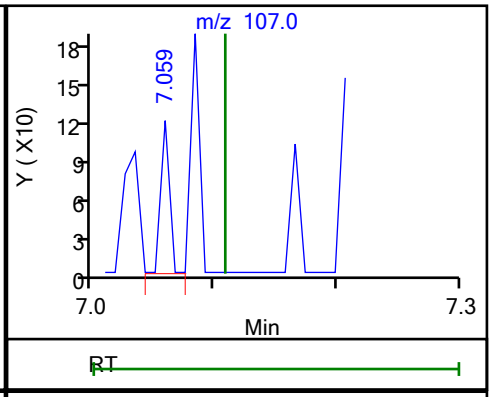
Eurofins Edison

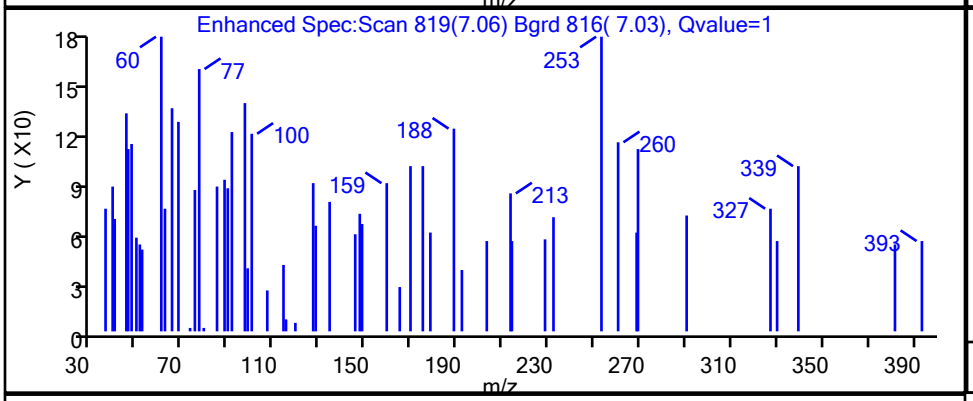
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

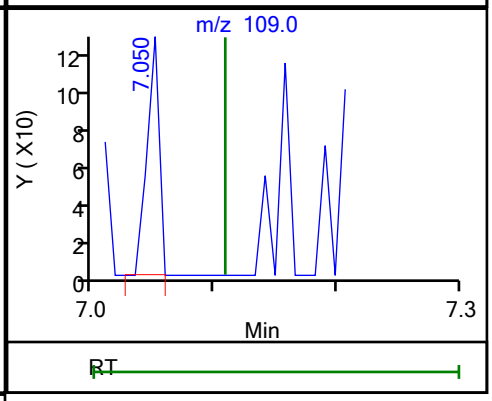
88 Ethylene Dibromide, CAS: 106-93-4

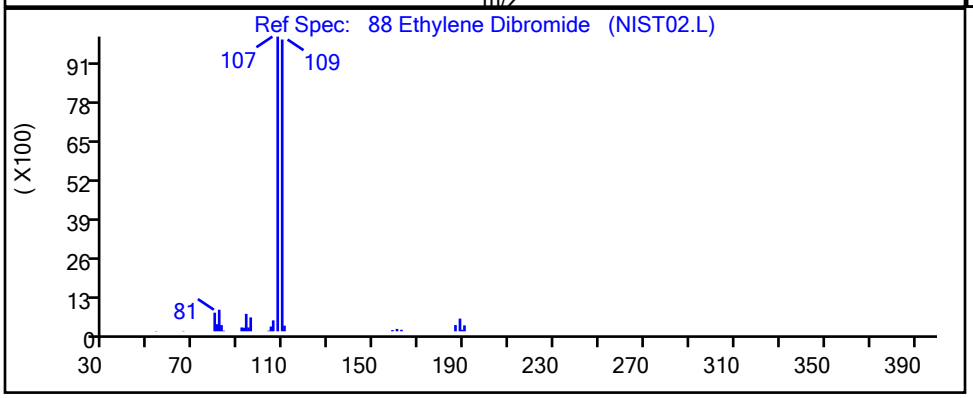
Processing Results











RT	Mass	Response	Amount
7.06	107.00	58	0.016612
7.05	109.00	89	

Reviewer: NN6A, 24-Jan-2026 10:17:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

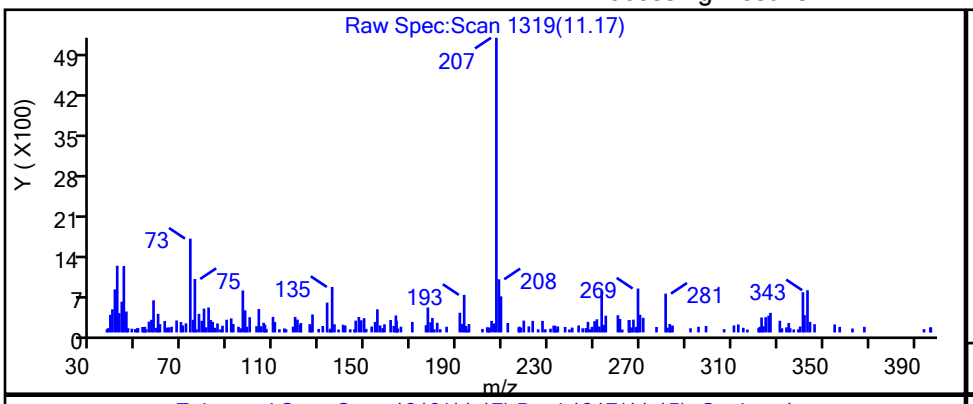
User Disabled Compound Report

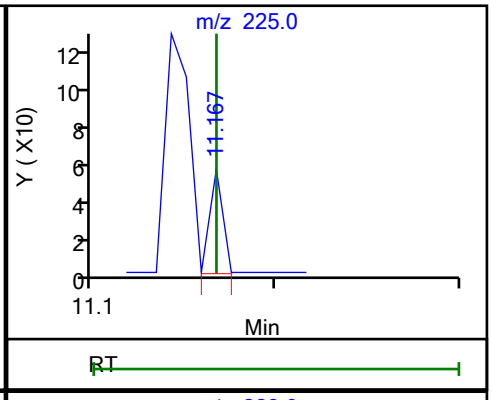
Eurofins Edison

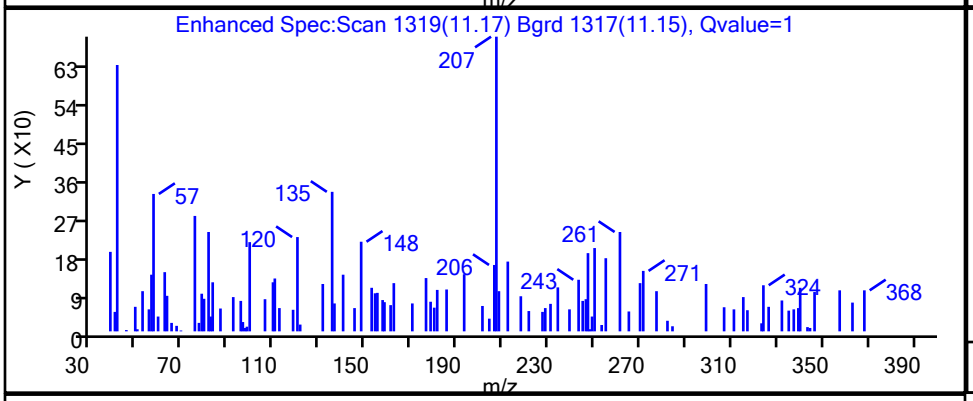
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

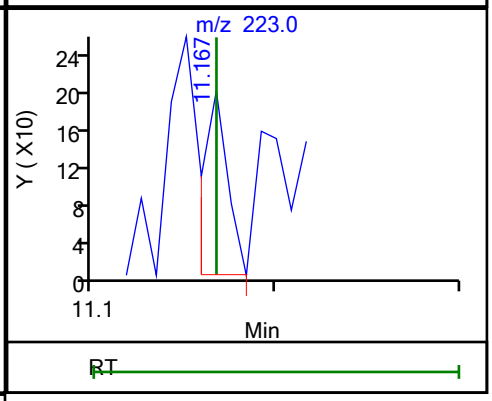
128 Hexachlorobutadiene, CAS: 87-68-3

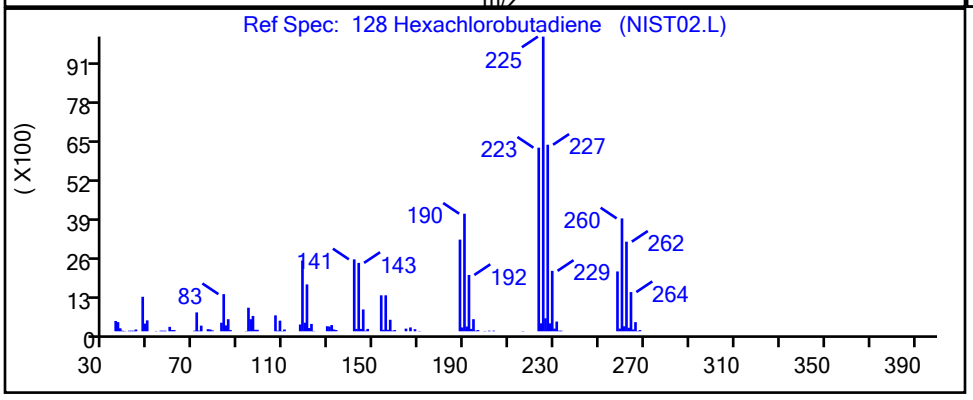
Processing Results











RT	Mass	Response	Amount
11.17	225.00	27	0.009067
11.17	223.00	191	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

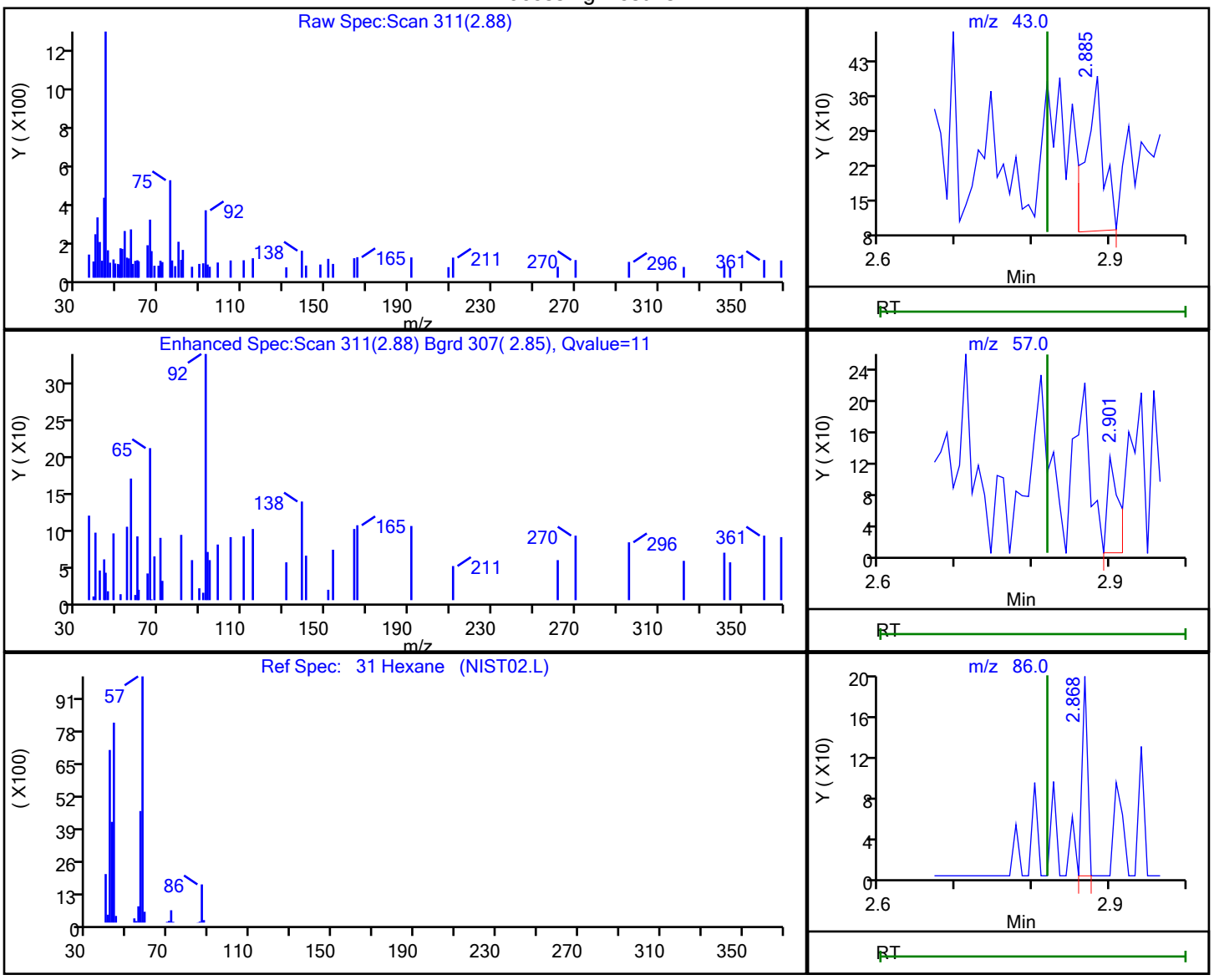
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.88	43.00	481	0.123782
2.90	57.00	126	
2.87	86.00	98	
2.88	56.00	236	

Reviewer: NN6A, 24-Jan-2026 10:17:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

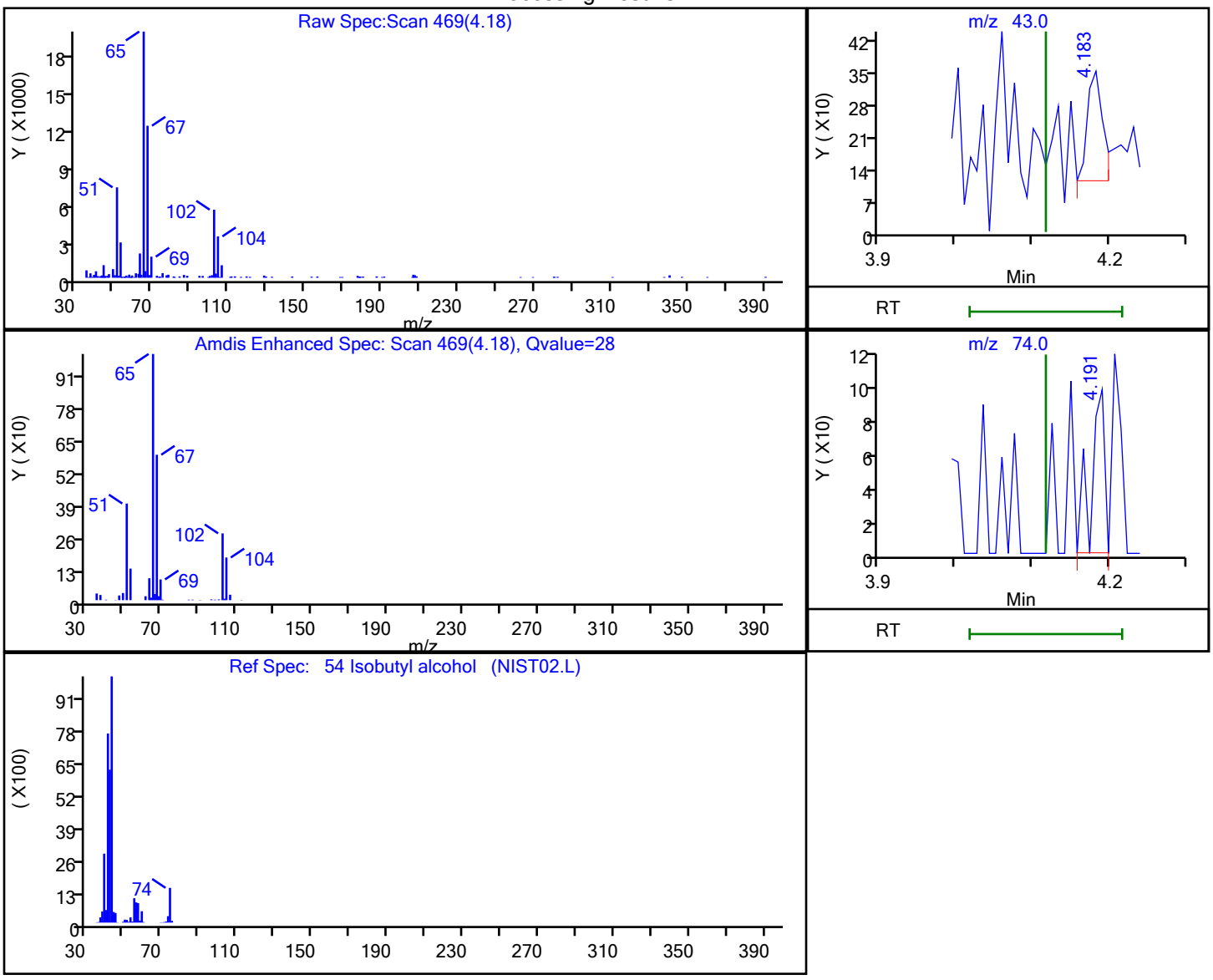
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.18	43.00	334	1.977802
4.19	74.00	118	

Reviewer: NN6A, 24-Jan-2026 10:17:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

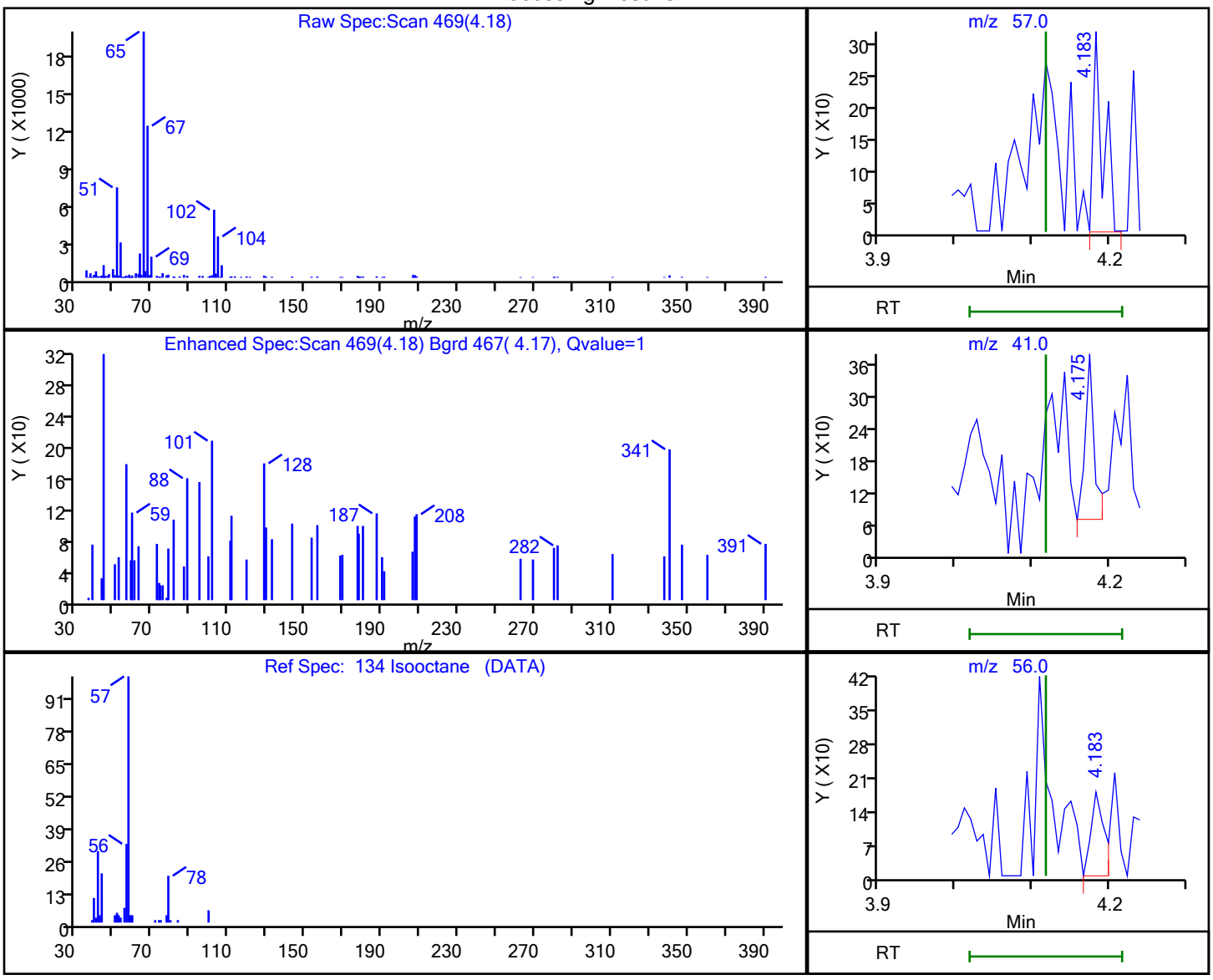
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.18	57.00	278	0.015125
4.17	41.00	261	
4.18	56.00	211	

Reviewer: NN6A, 24-Jan-2026 10:17:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

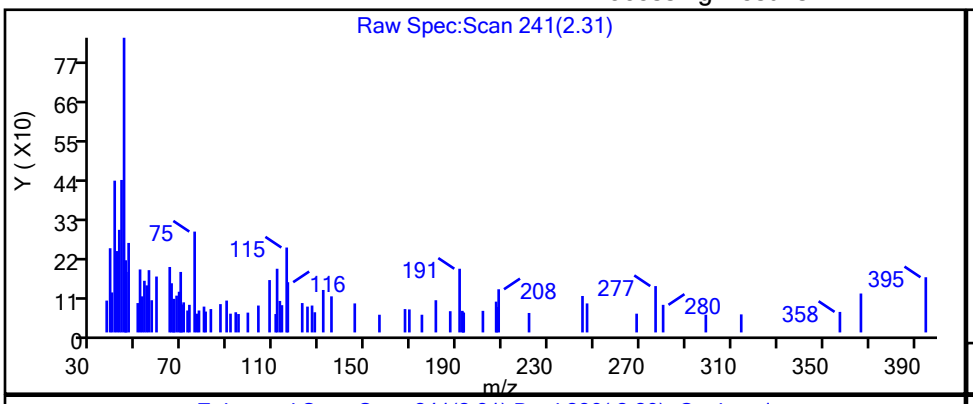
User Disabled Compound Report

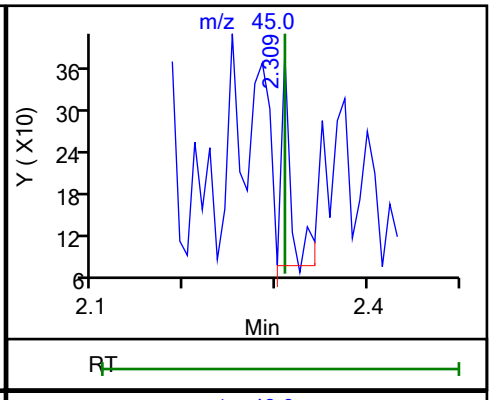
Eurofins Edison

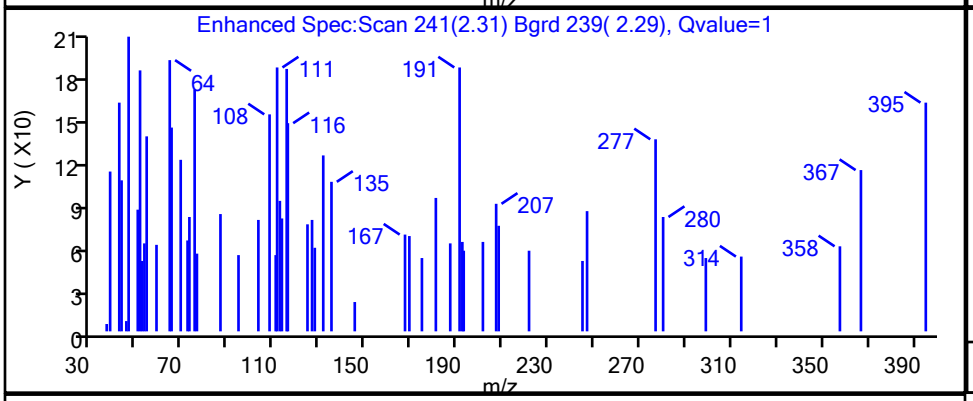
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

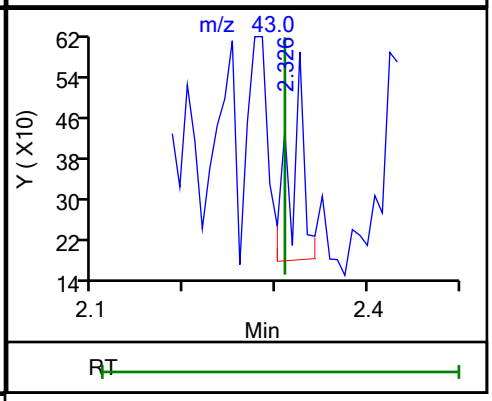
19 Isopropyl alcohol, CAS: 67-63-0

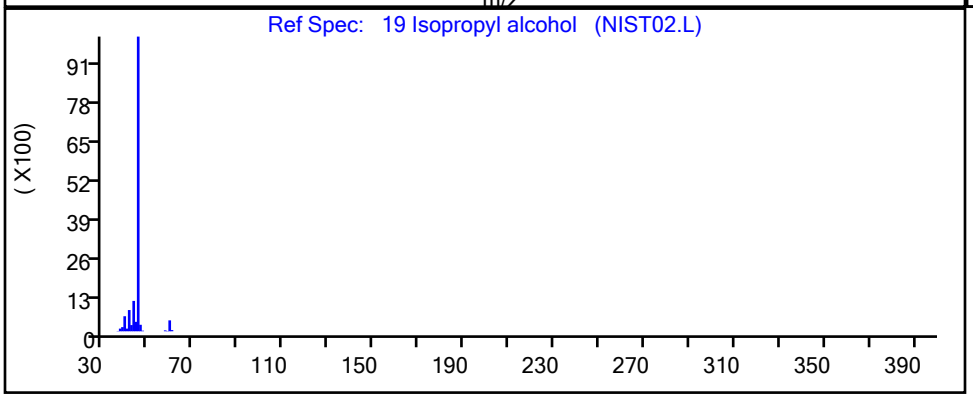
Processing Results











RT	Mass	Response	Amount
2.31	45.00	207	1.321946
2.33	43.00	421	

Reviewer: NN6A, 24-Jan-2026 10:16:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

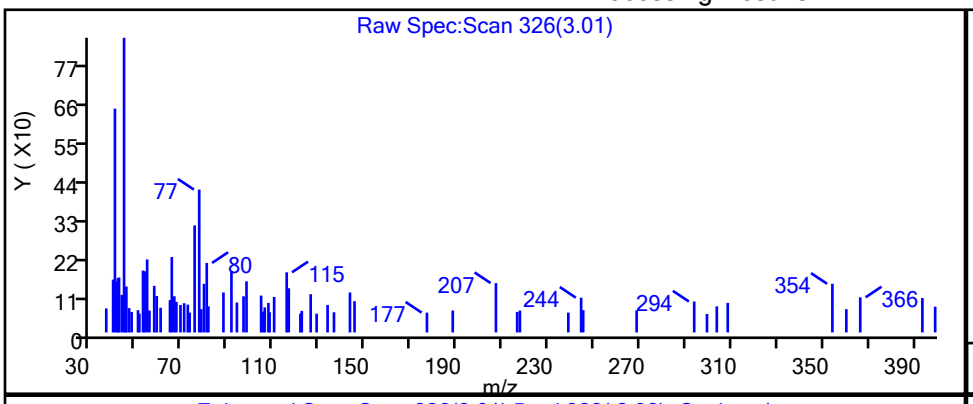
User Disabled Compound Report

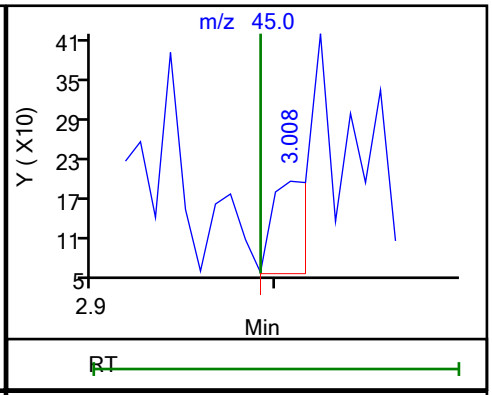
Eurofins Edison

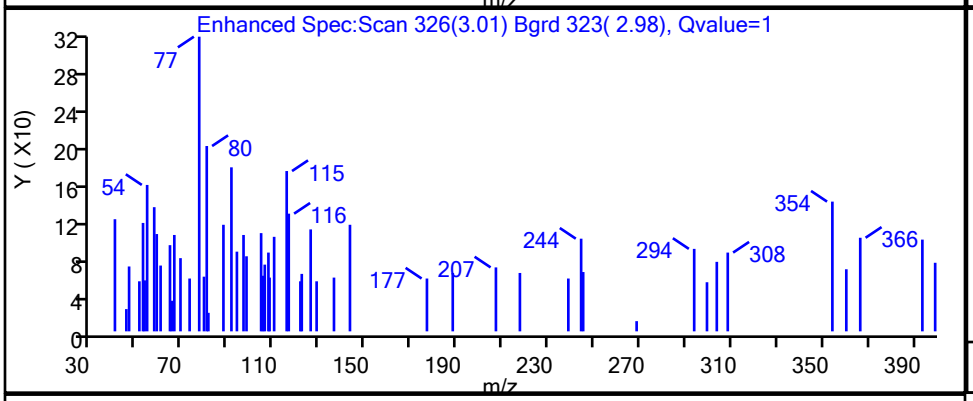
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

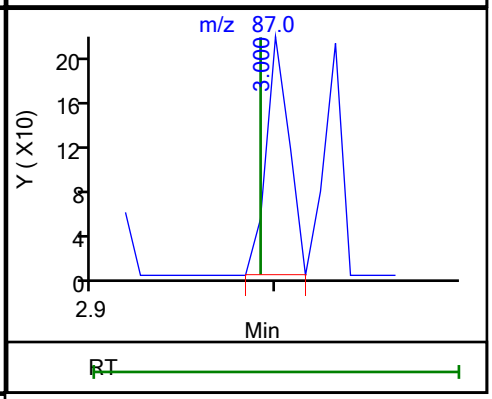
33 Isopropyl ether, CAS: 108-20-3

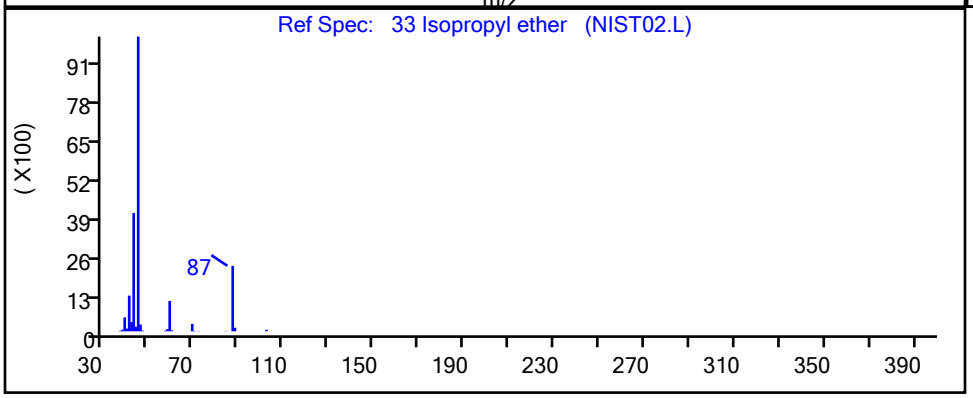
Processing Results











RT	Mass	Response	Amount
3.01	45.00	192	0.013304
3.00	87.00	188	

Reviewer: NN6A, 24-Jan-2026 10:17:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

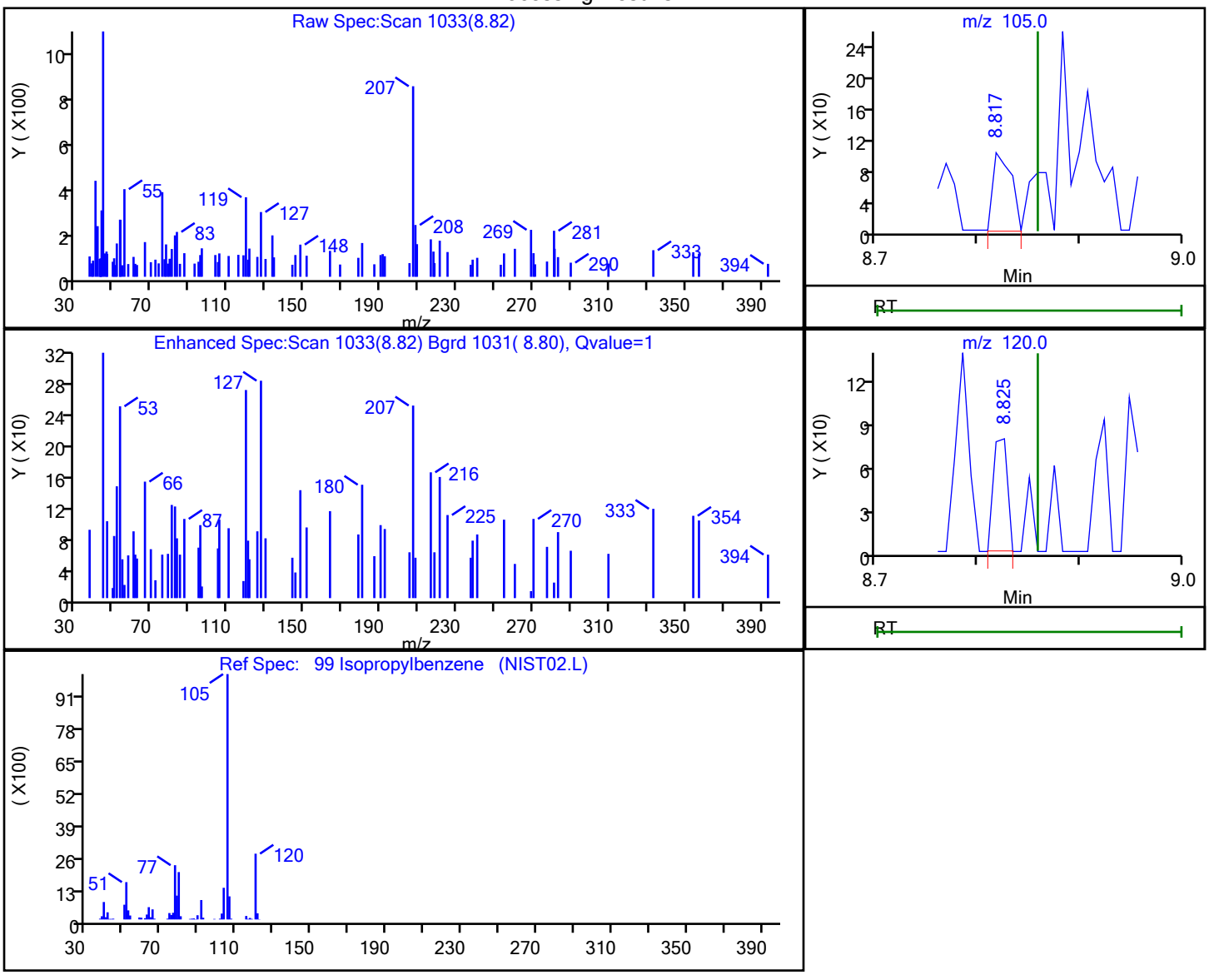
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

99 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
8.82	105.00	127	0.006236
8.83	120.00	74	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

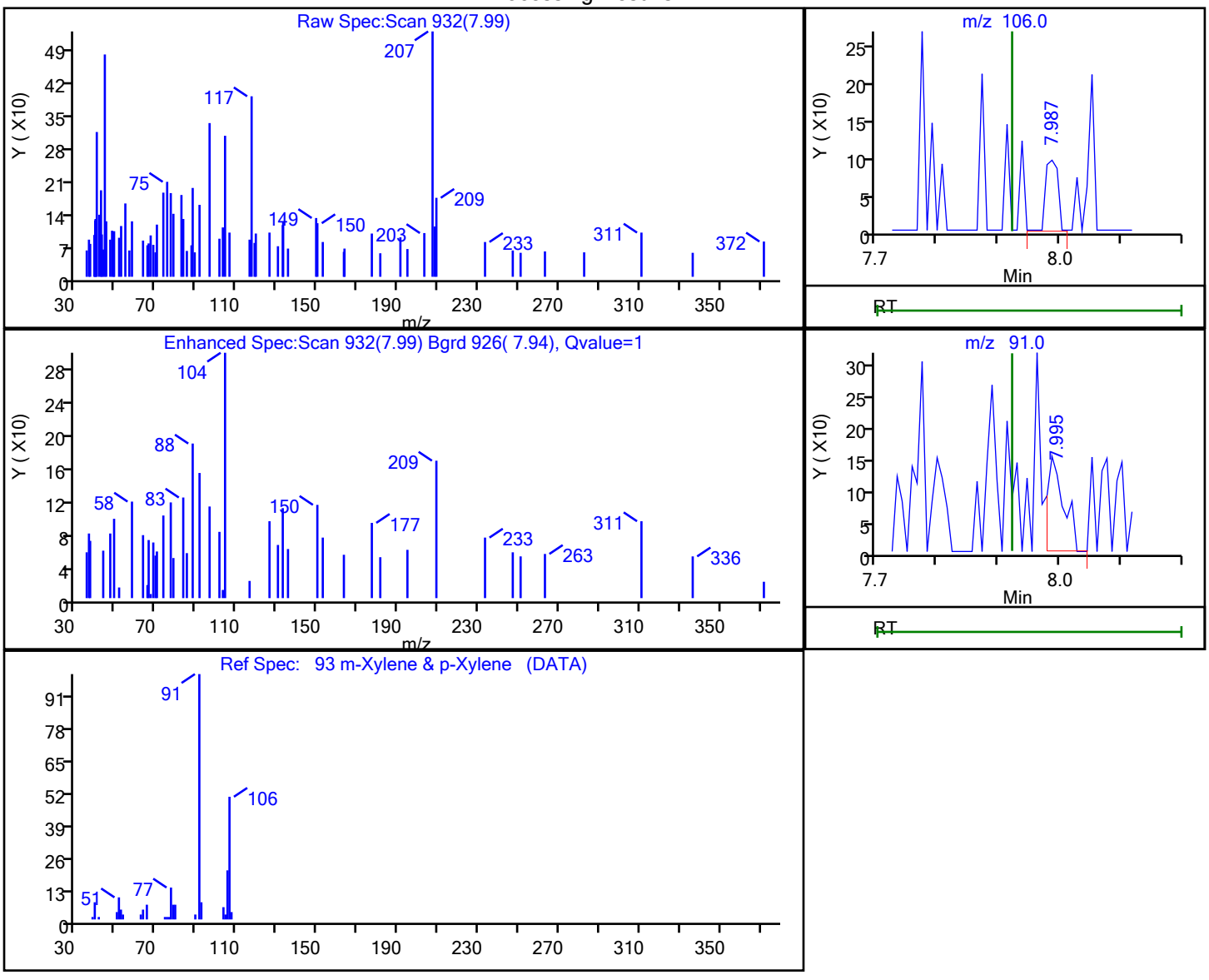
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

93 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
7.99	106.00	131	0.015581
8.00	91.00	283	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

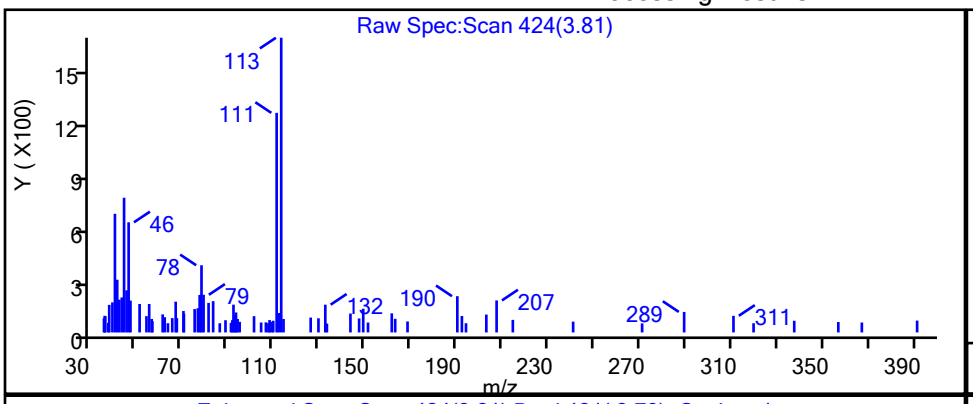
User Disabled Compound Report

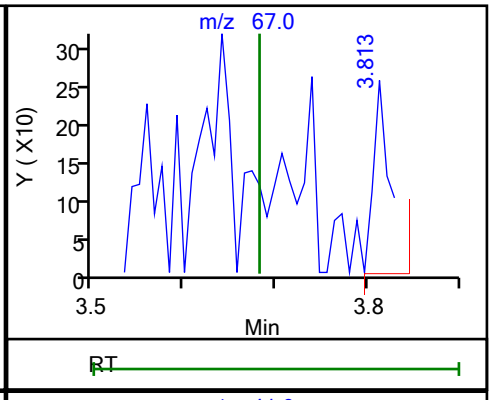
Eurofins Edison

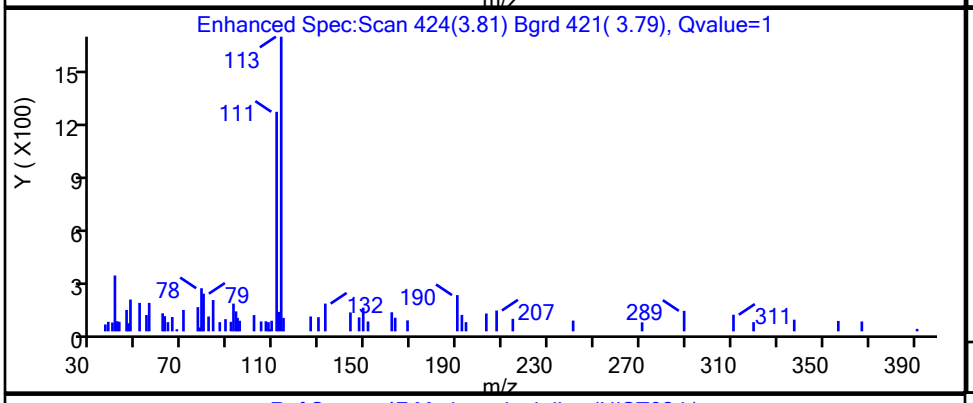
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

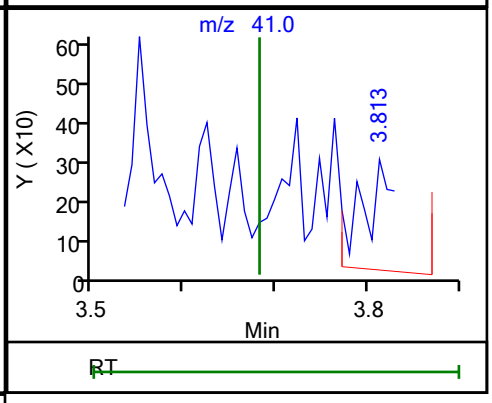
47 Methacrylonitrile, CAS: 126-98-7

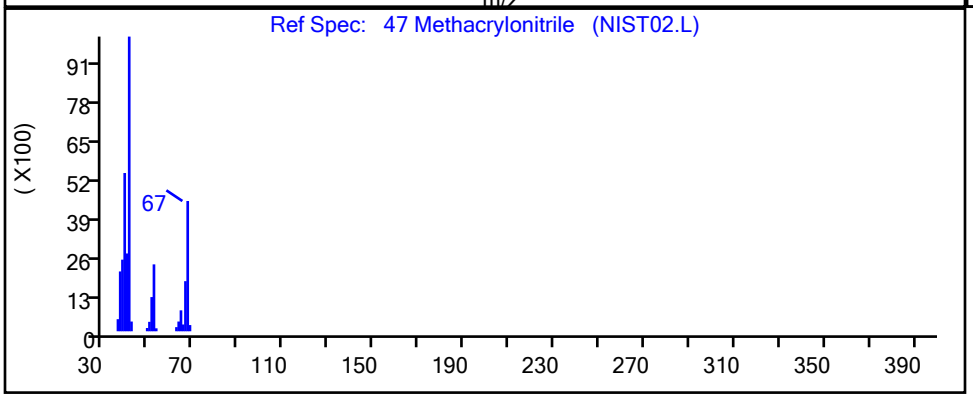
Processing Results











RT	Mass	Response	Amount
3.81	67.00	325	0.238073
3.81	41.00	1086	

Reviewer: NN6A, 24-Jan-2026 10:17:17 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

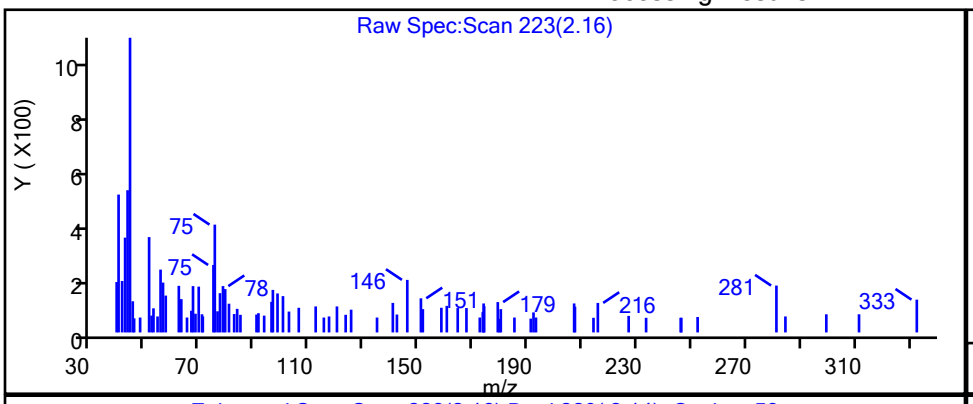
User Disabled Compound Report

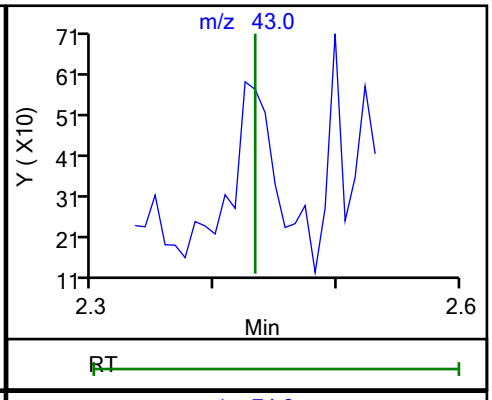
Eurofins Edison

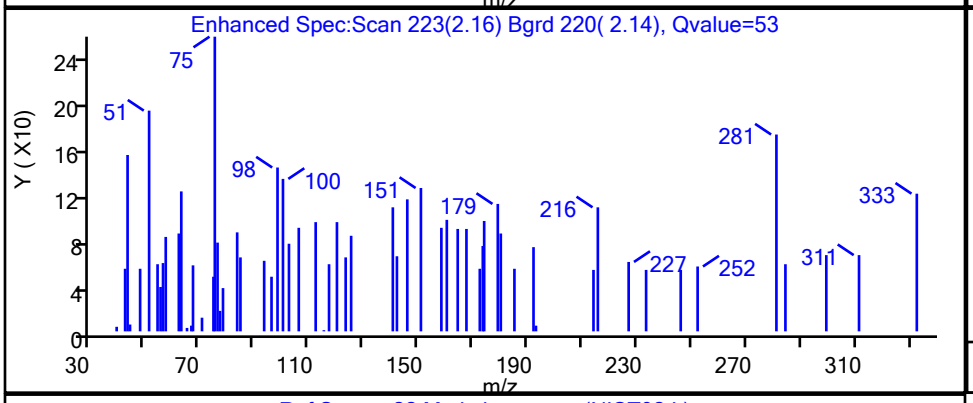
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

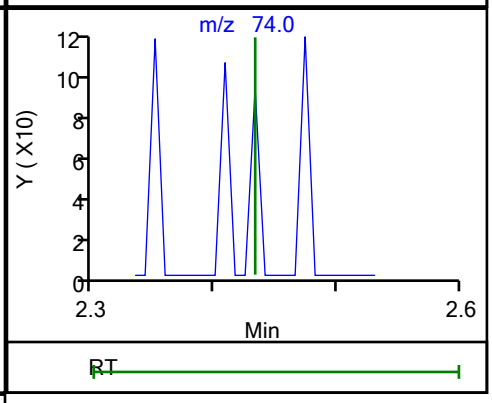
22 Methyl acetate, CAS: 79-20-9

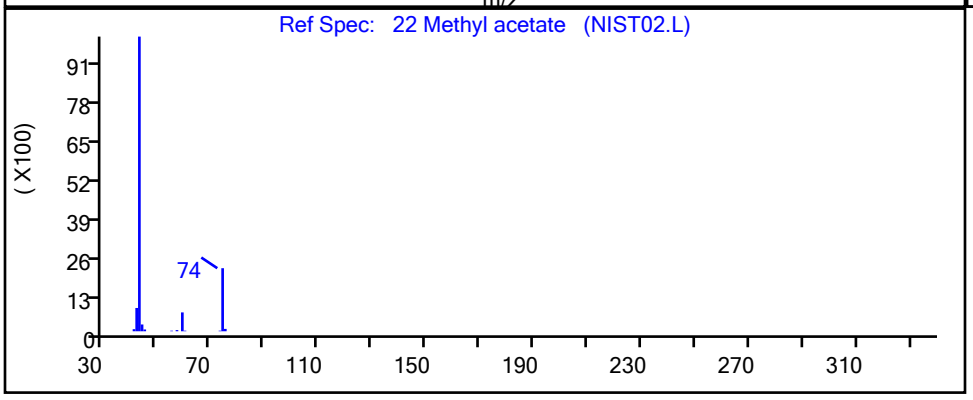
Processing Results











RT	Mass	Response	Amount
2.16	43.00	347	0.198670
2.16	74.00	214	

Reviewer: NN6A, 24-Jan-2026 10:16:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

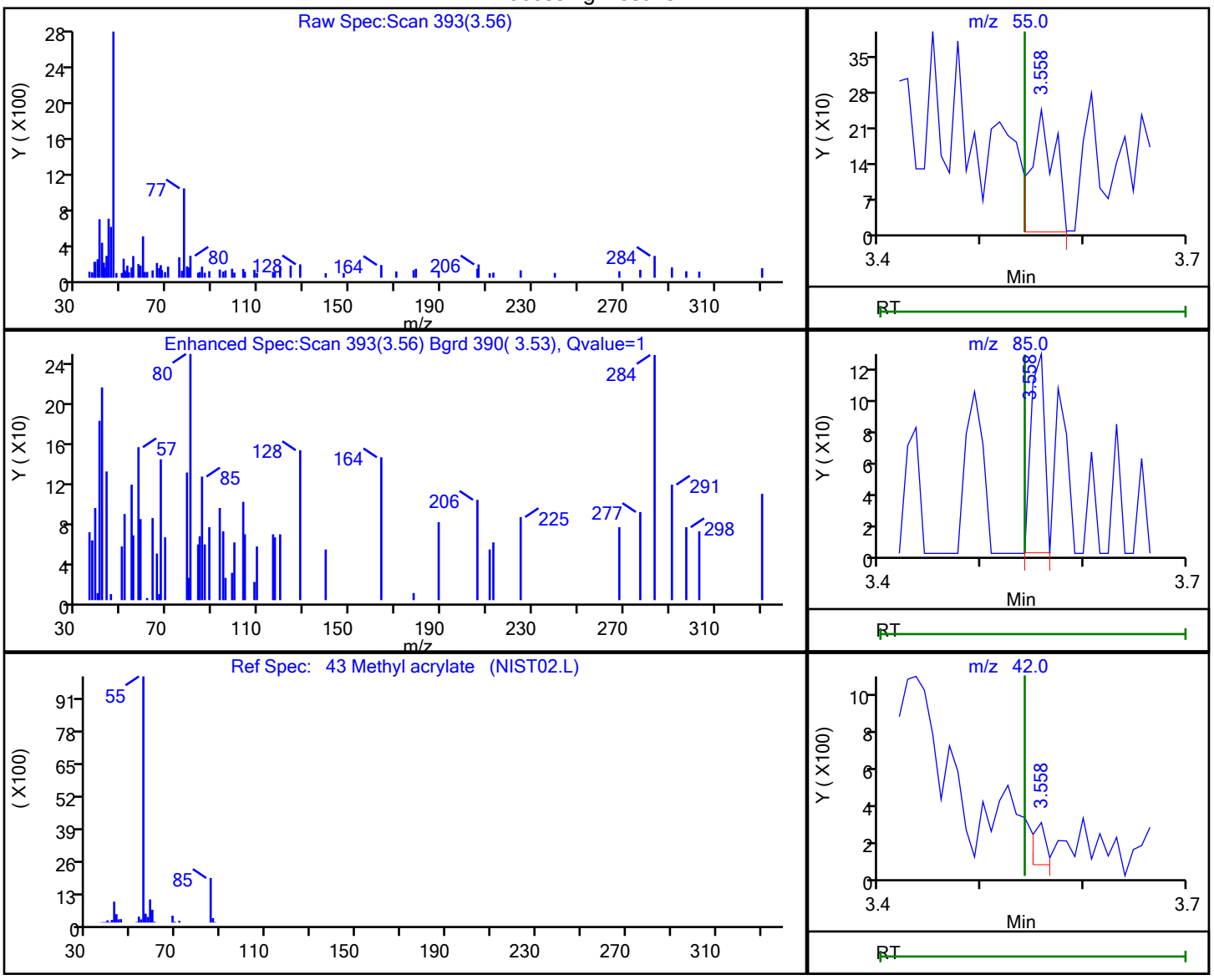
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.56	55.00	385	0.152649
3.56	85.00	112	
3.56	42.00	212	

Reviewer: NN6A, 24-Jan-2026 10:17:17 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

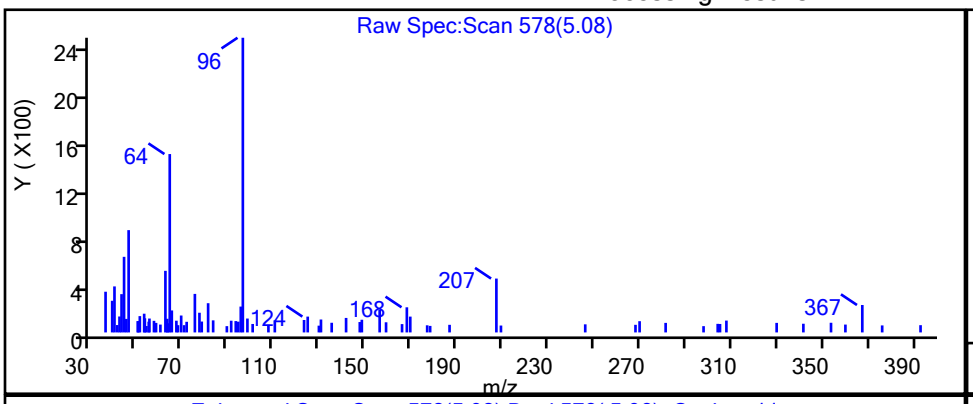
User Disabled Compound Report

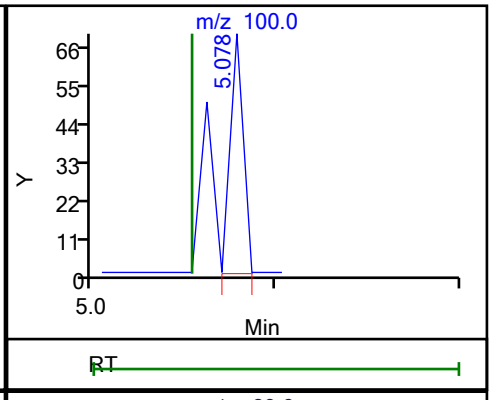
Eurofins Edison

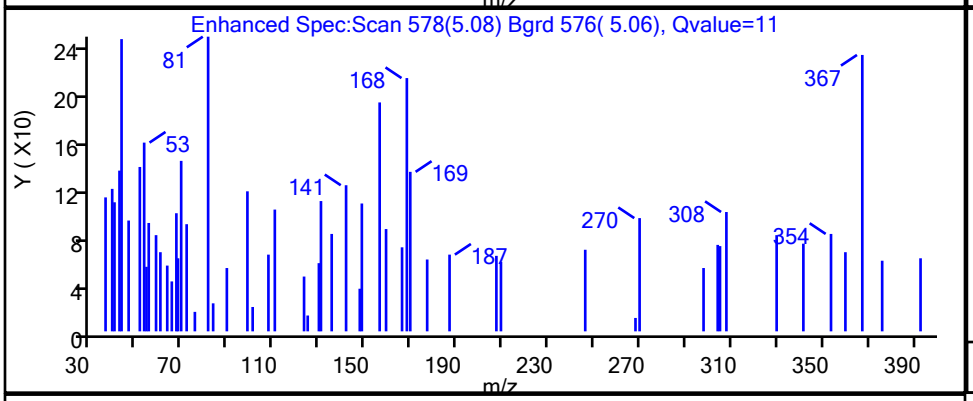
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

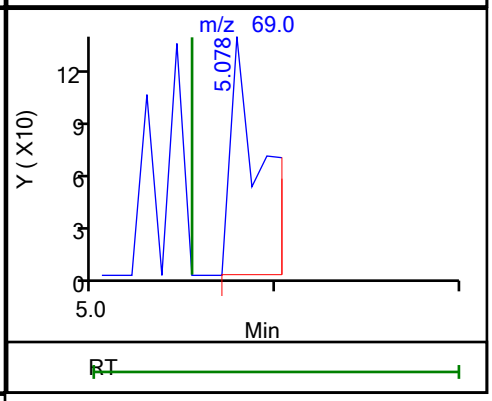
68 Methyl methacrylate, CAS: 80-62-6

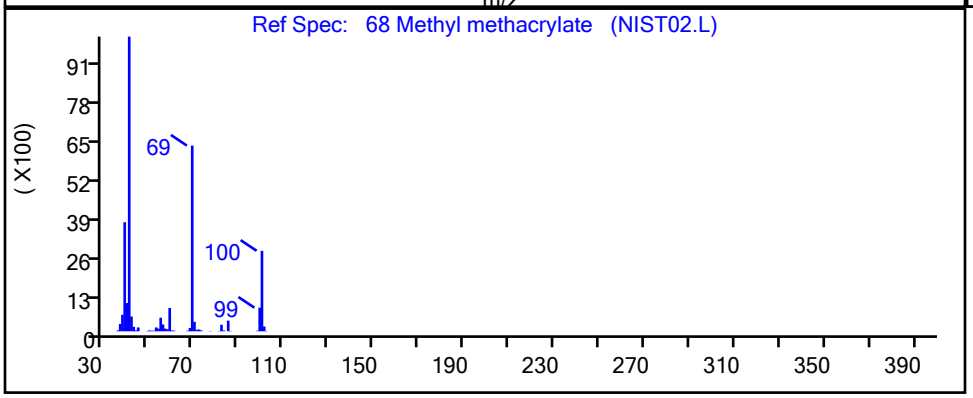
Processing Results











RT	Mass	Response	Amount
5.08	100.00	35	0.032559
5.08	69.00	163	

Reviewer: NN6A, 24-Jan-2026 10:17:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

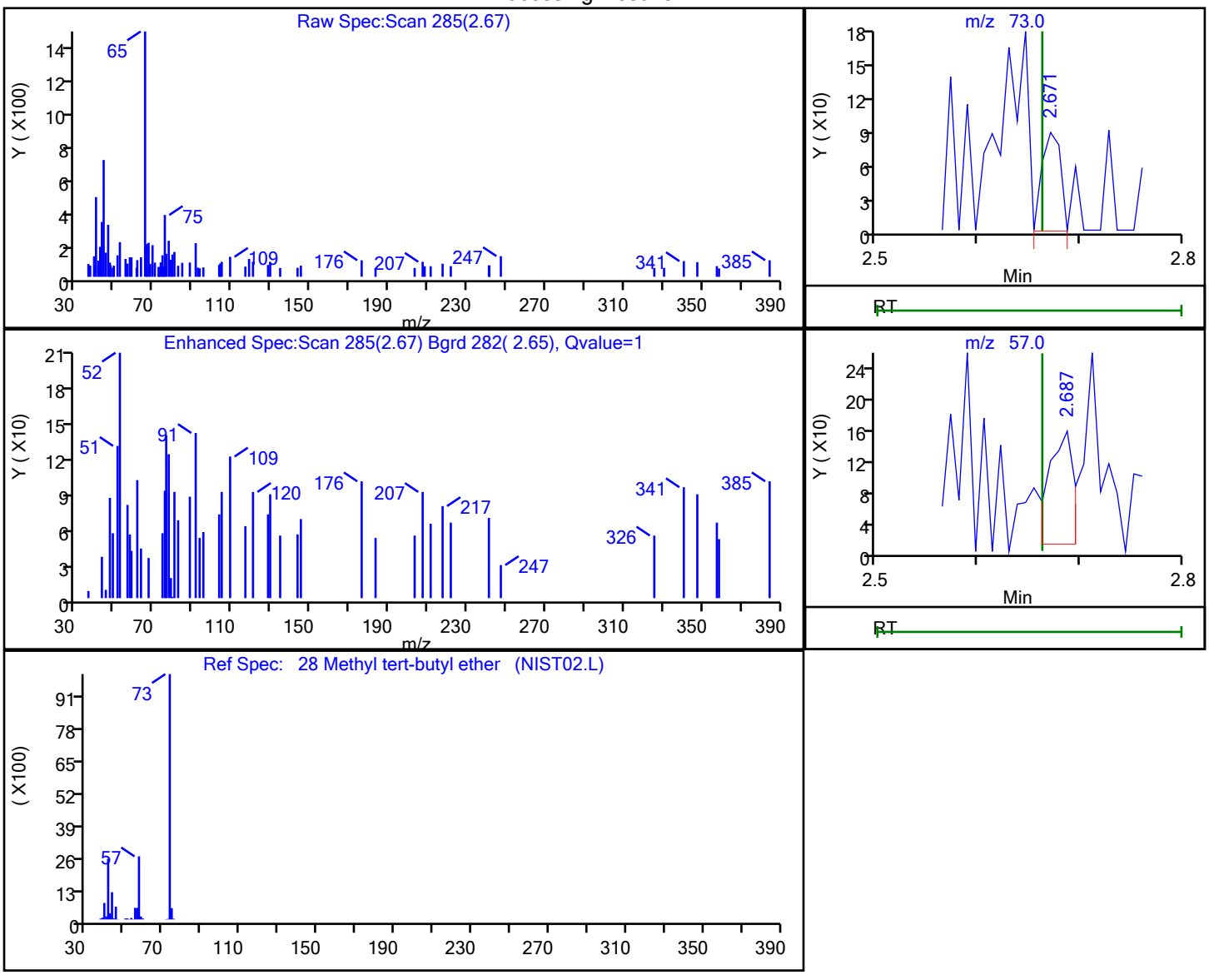
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

28 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.67	73.00	109	0.008782
2.69	57.00	250	

Reviewer: NN6A, 24-Jan-2026 10:16:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

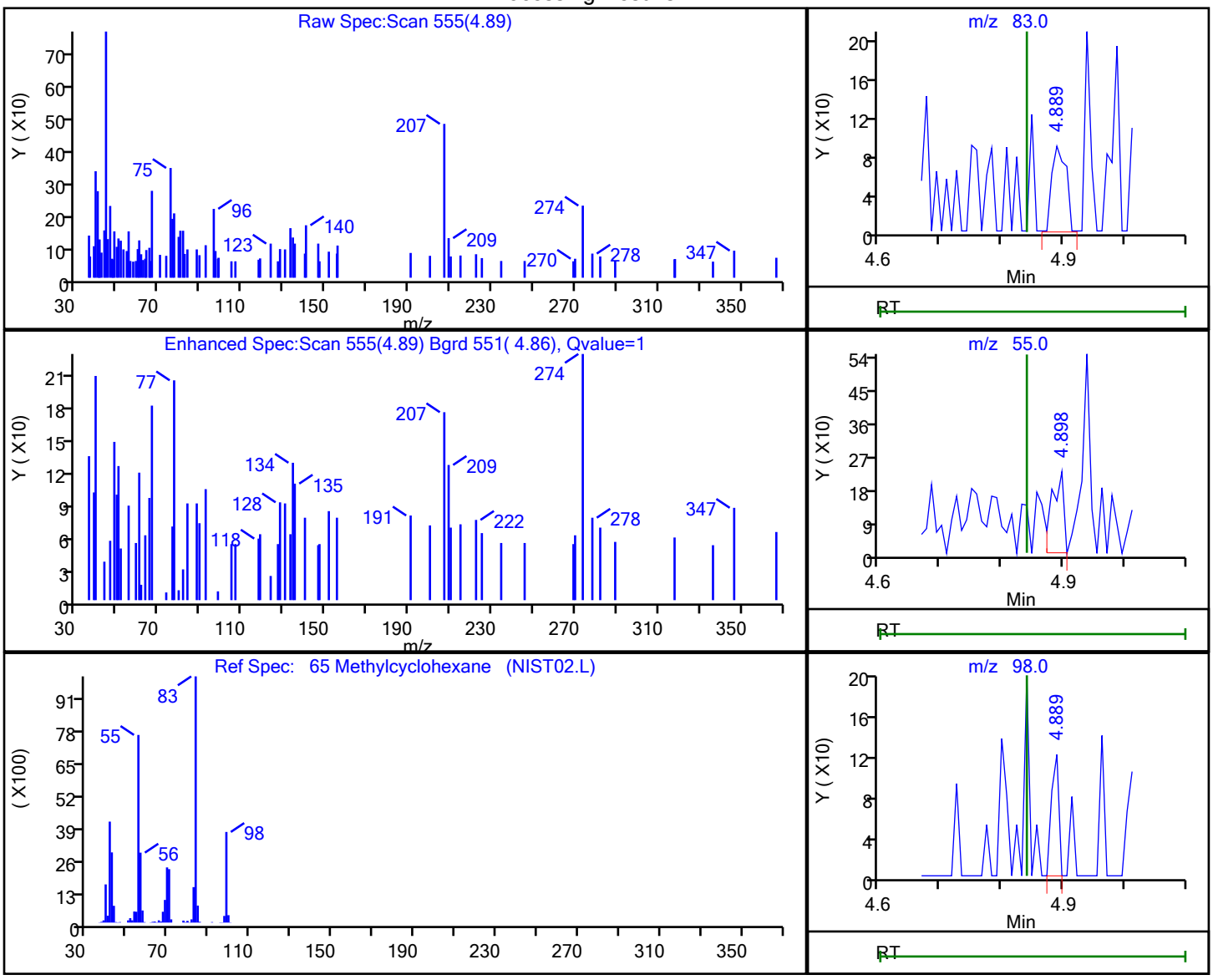
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D				
Injection Date:	21-Jan-2026 00:21:30	Instrument ID:	CVOAMS6		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

65 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
4.89	83.00	141	0.014821
4.90	55.00	298	
4.89	98.00	102	

Reviewer: NN6A, 24-Jan-2026 10:17:19 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

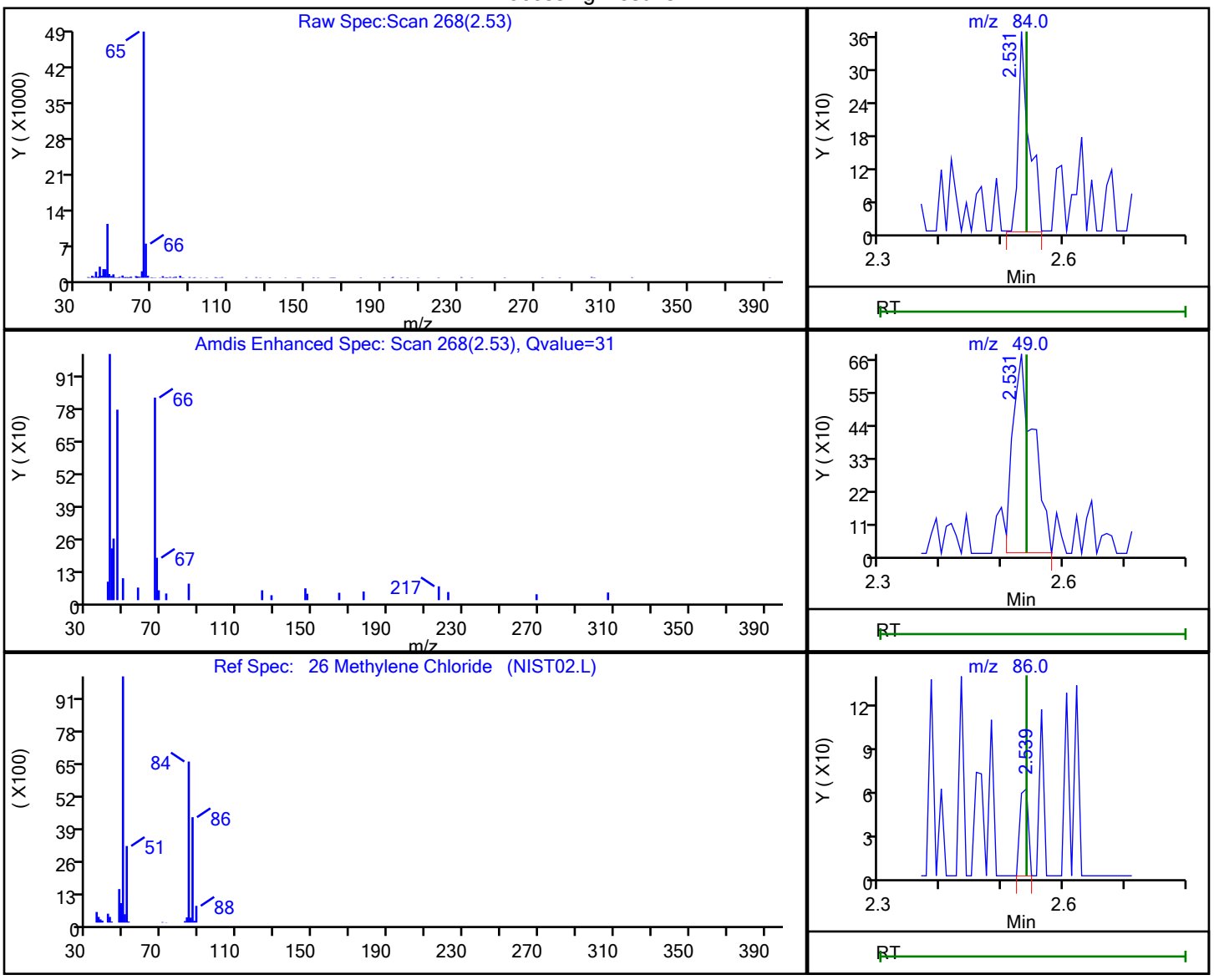
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.53	84.00	447	0.082619
2.53	49.00	1591	
2.54	86.00	56	

Reviewer: NN6A, 24-Jan-2026 10:16:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

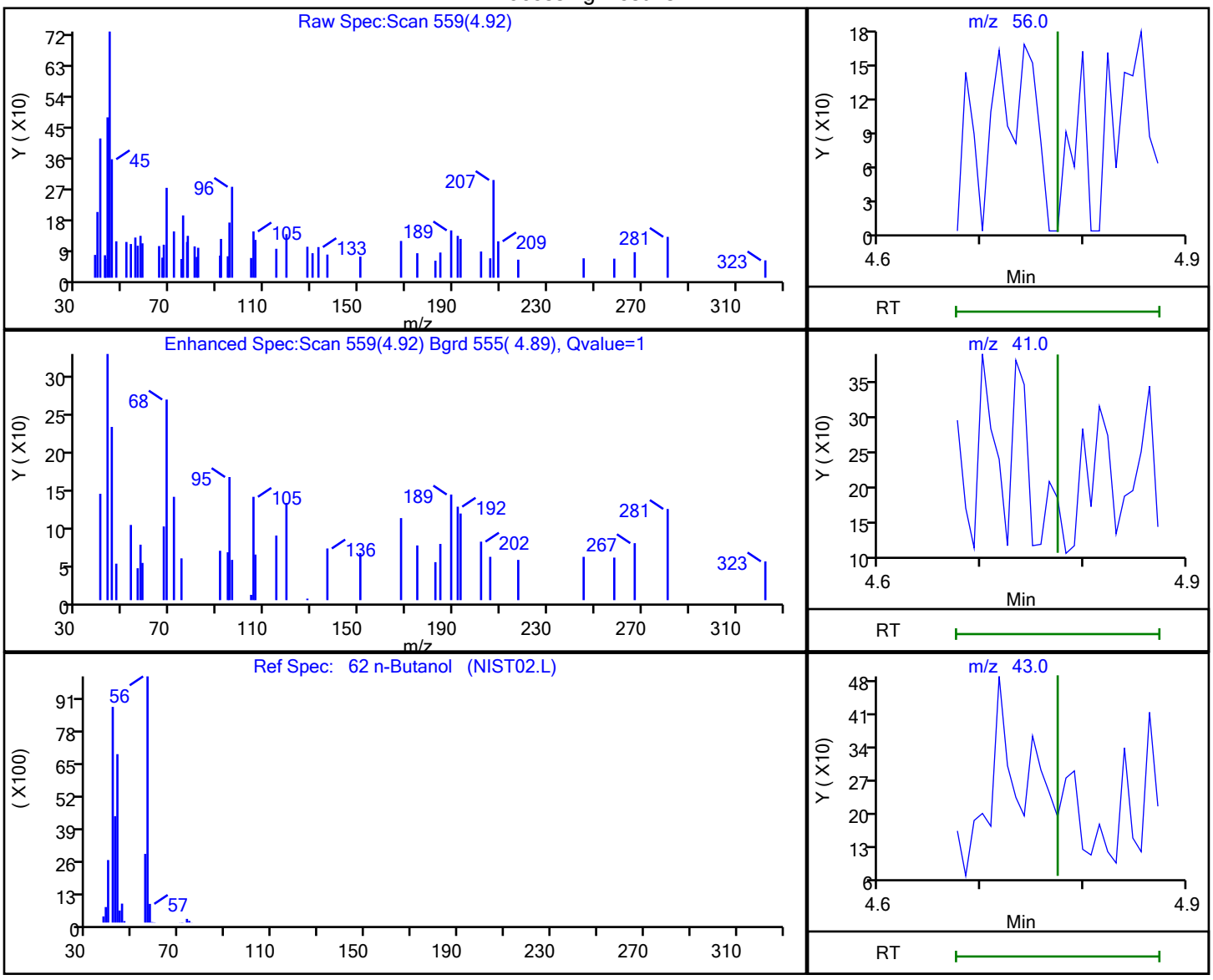
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.92	56.00	161	2.349836
4.91	41.00	248	
4.92	43.00	1060	

Reviewer: NN6A, 24-Jan-2026 10:17:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

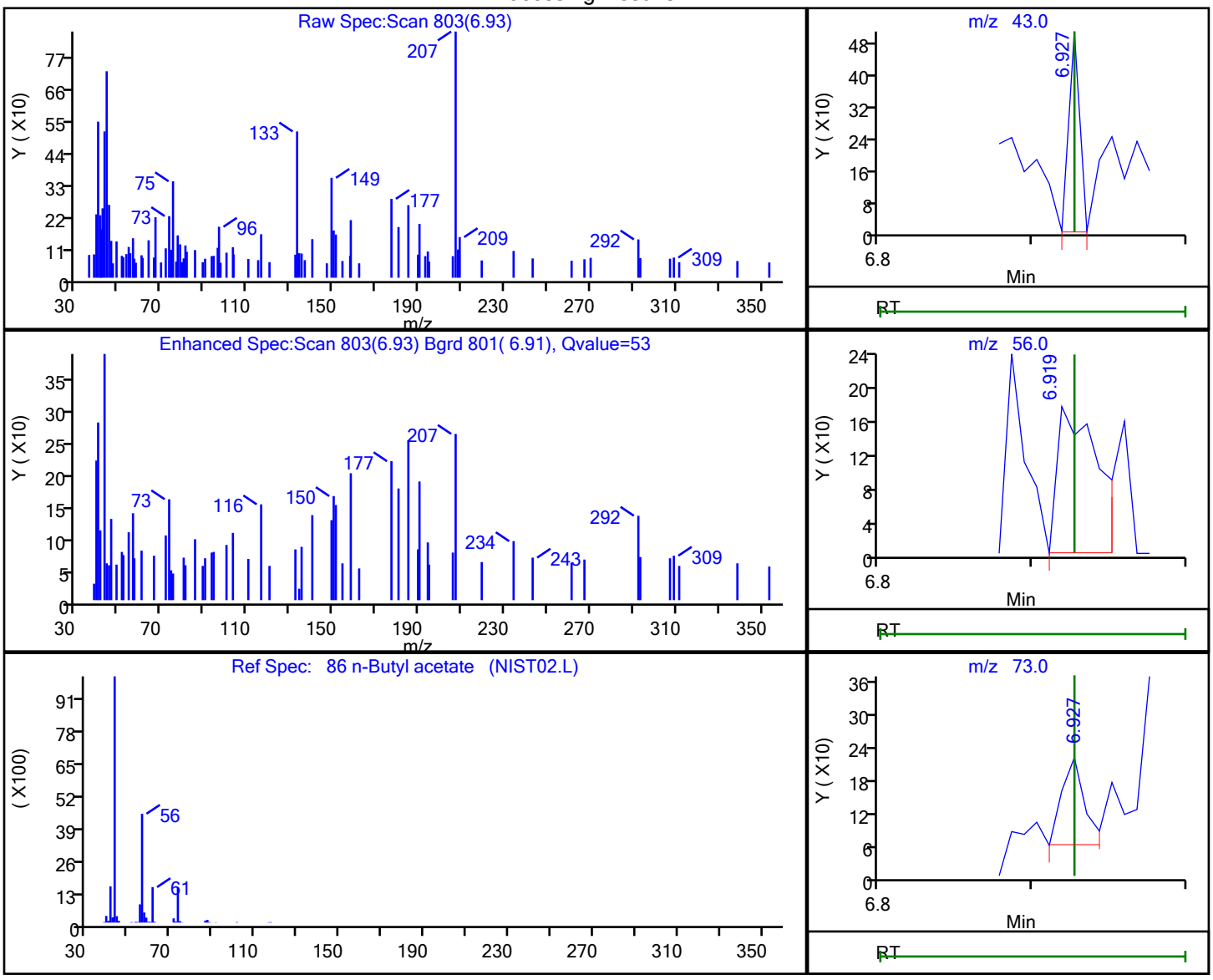
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
6.93	43.00	250	0.054400
6.92	56.00	316	
6.93	73.00	168	

Reviewer: NN6A, 24-Jan-2026 10:17:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

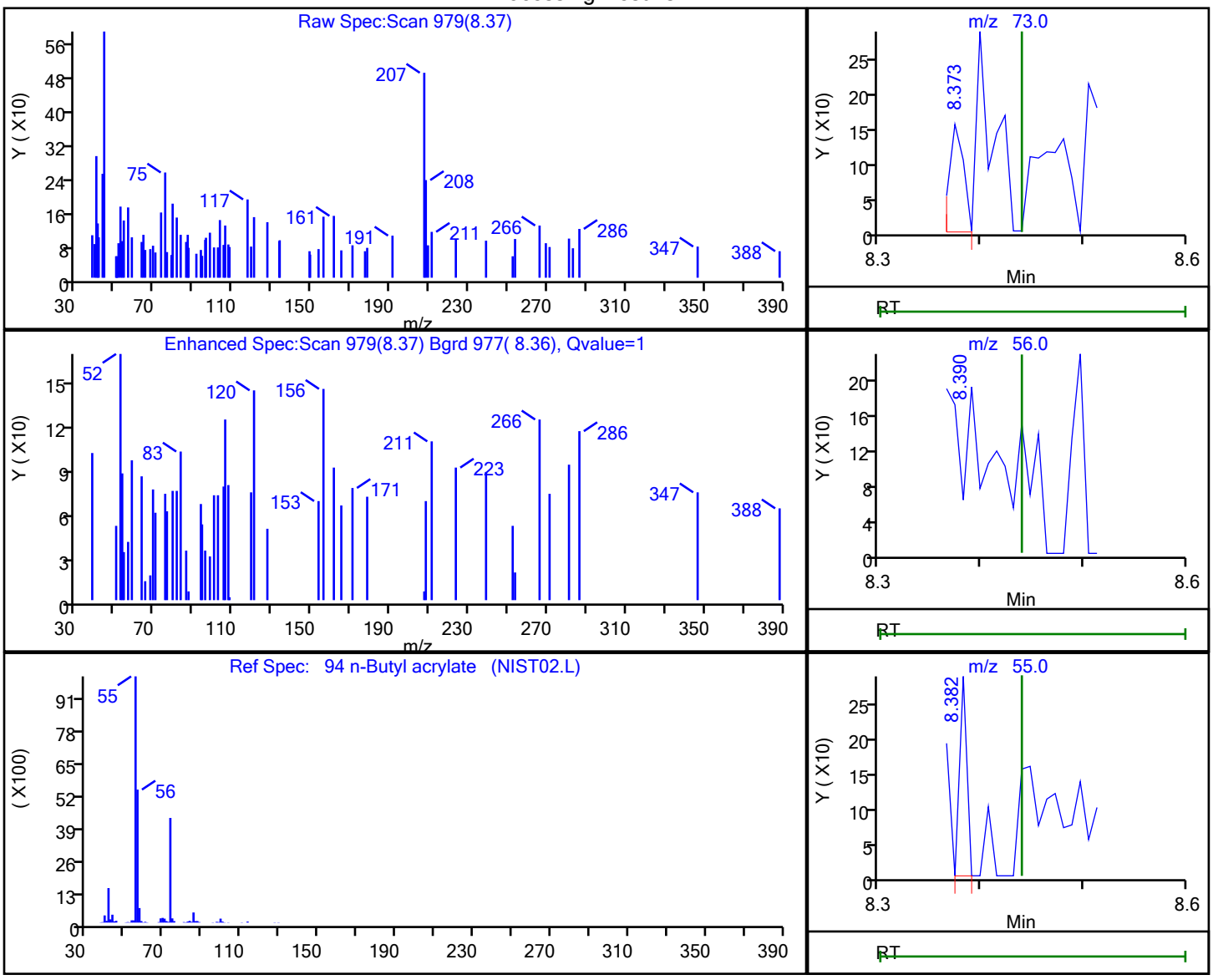
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

94 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.37	73.00	152	0.039155
8.39	56.00	394	
8.38	55.00	141	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

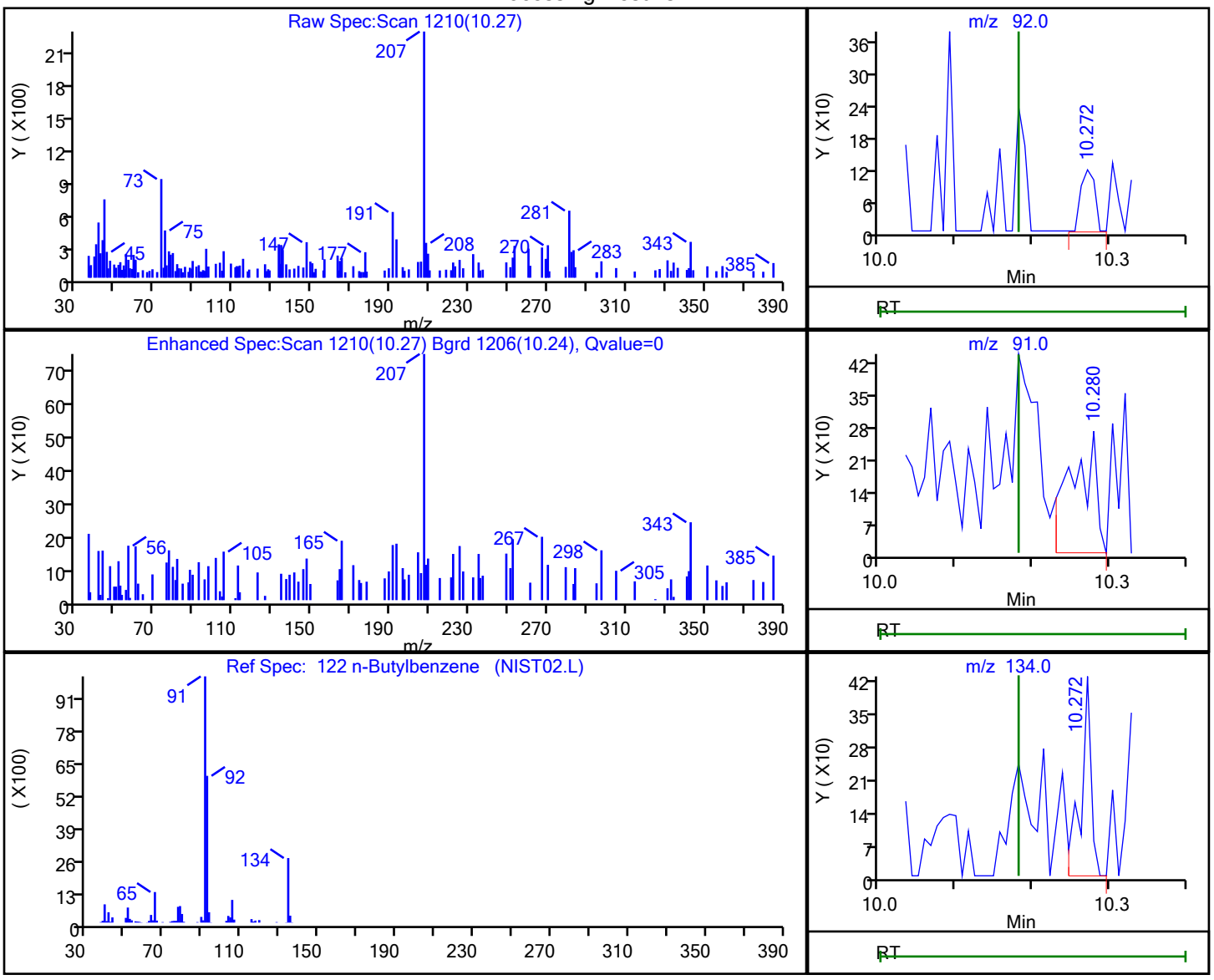
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

122 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
10.27	92.00	146	0.012463
10.28	91.00	609	
10.27	134.00	396	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

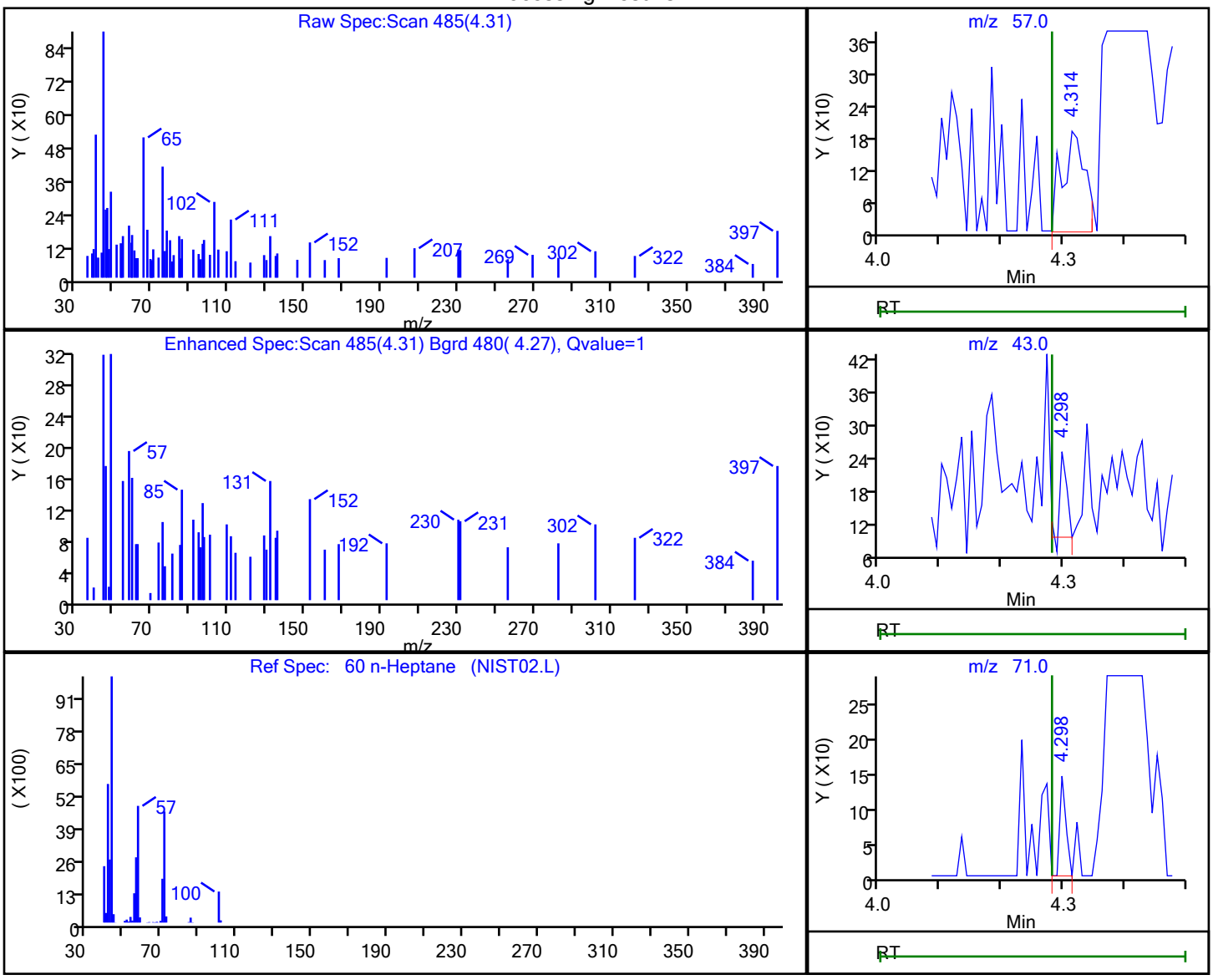
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.31	57.00	482	0.145651
4.30	43.00	123	
4.30	71.00	100	

Reviewer: NN6A, 24-Jan-2026 10:17:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

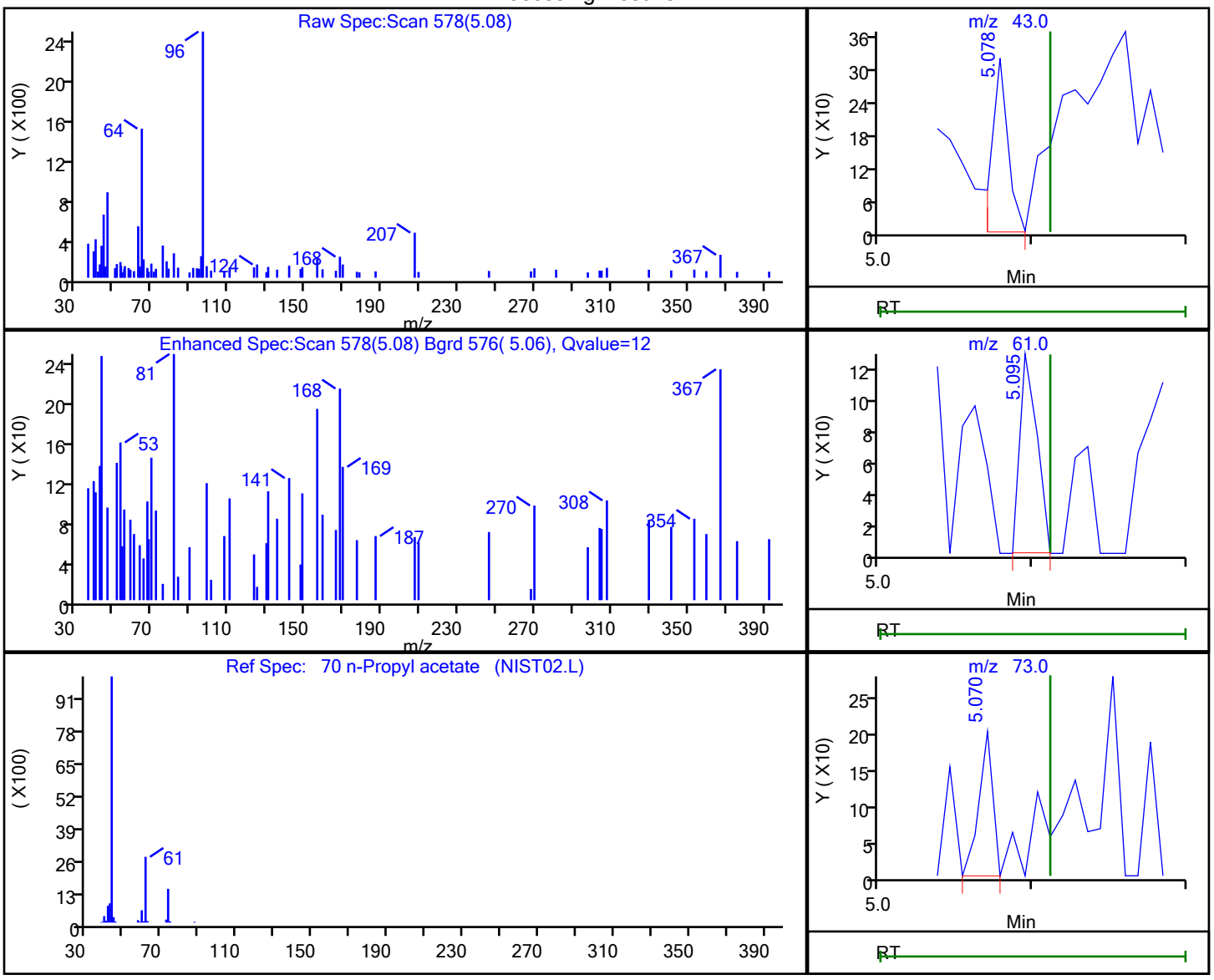
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.08	43.00	230	0.055564
5.09	61.00	99	
5.07	73.00	124	

Reviewer: NN6A, 24-Jan-2026 10:17:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

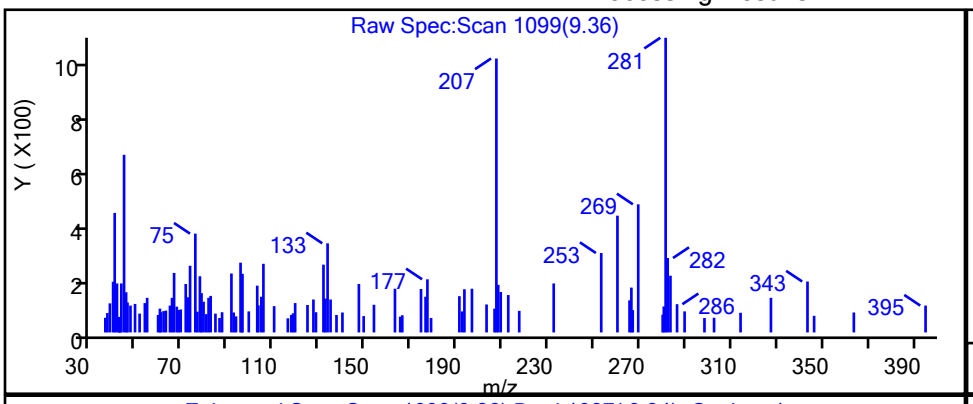
User Disabled Compound Report

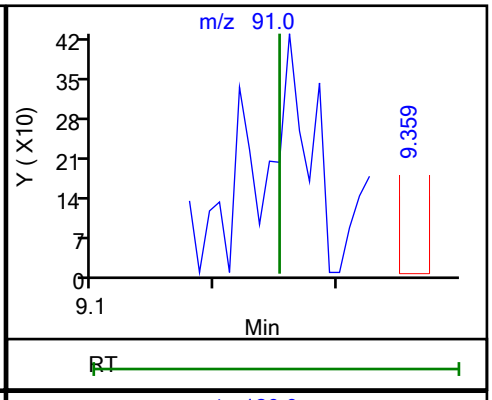
Eurofins Edison

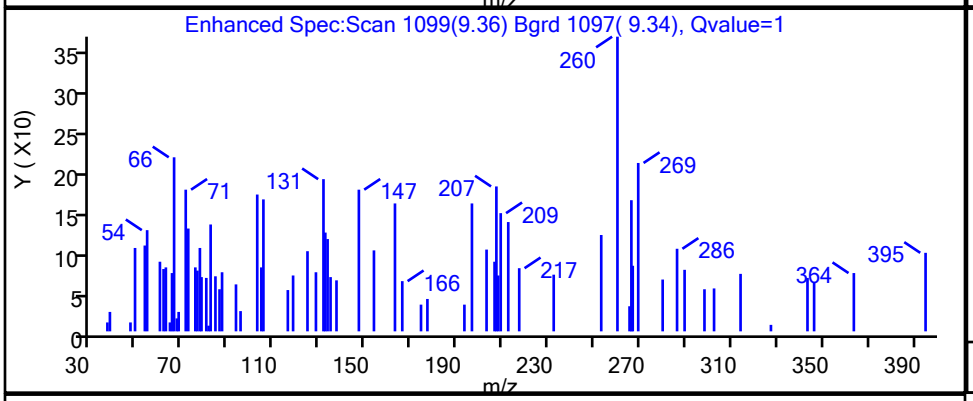
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

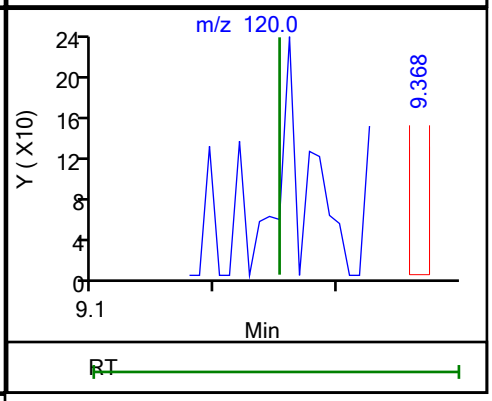
103 N-Propylbenzene, CAS: 103-65-1

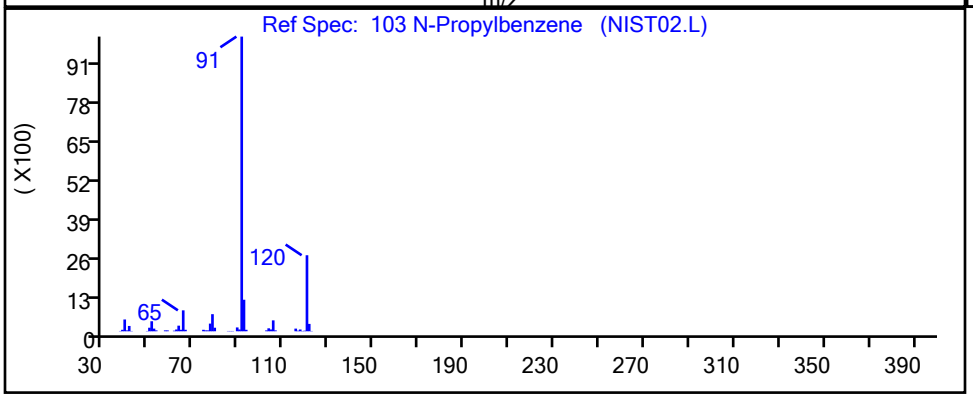
Processing Results











RT	Mass	Response	Amount
9.36	91.00	191	0.007528
9.37	120.00	102	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

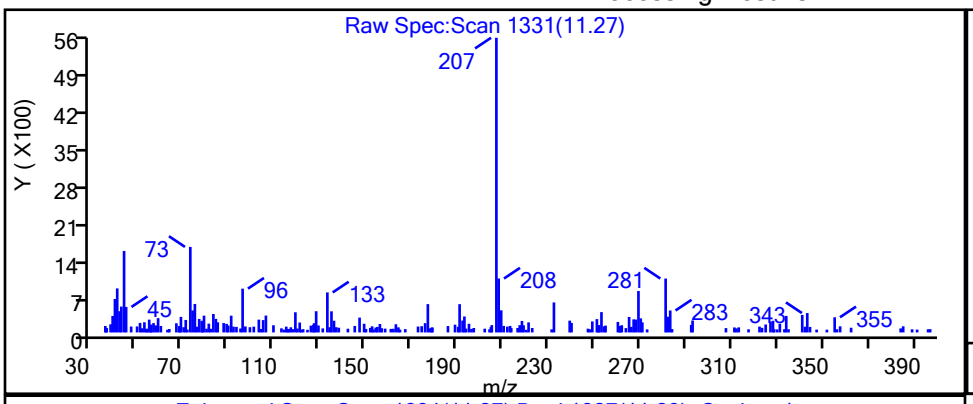
User Disabled Compound Report

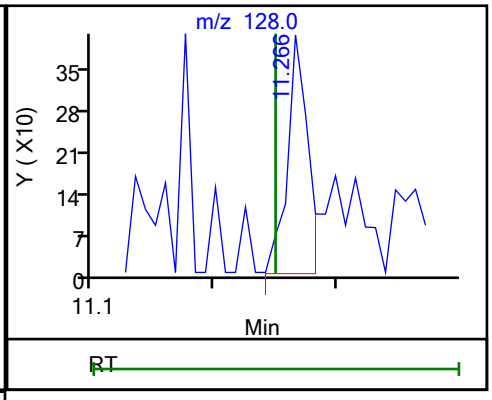
Eurofins Edison

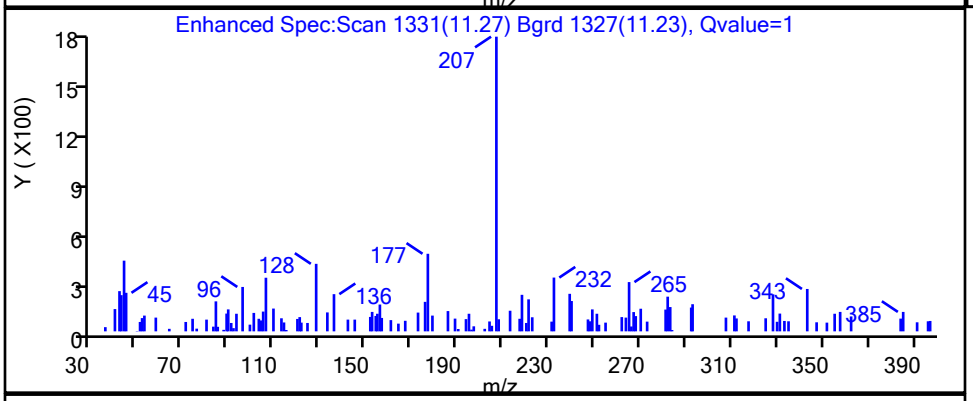
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

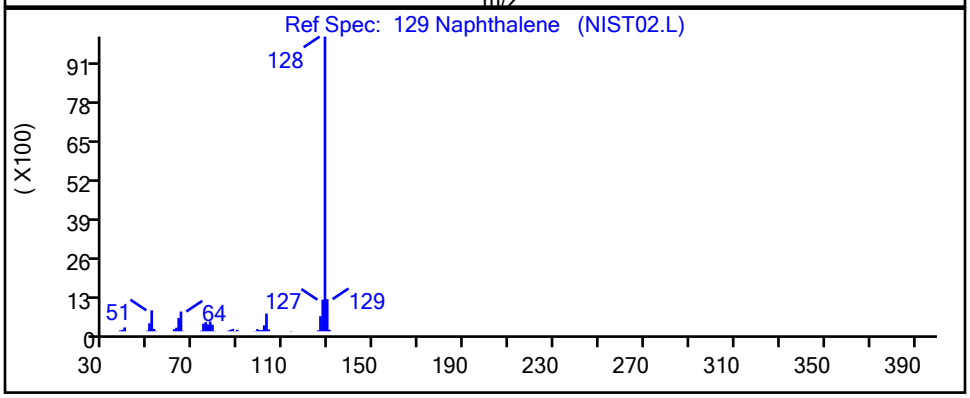
129 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
11.27	128.00	469	0.026112

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

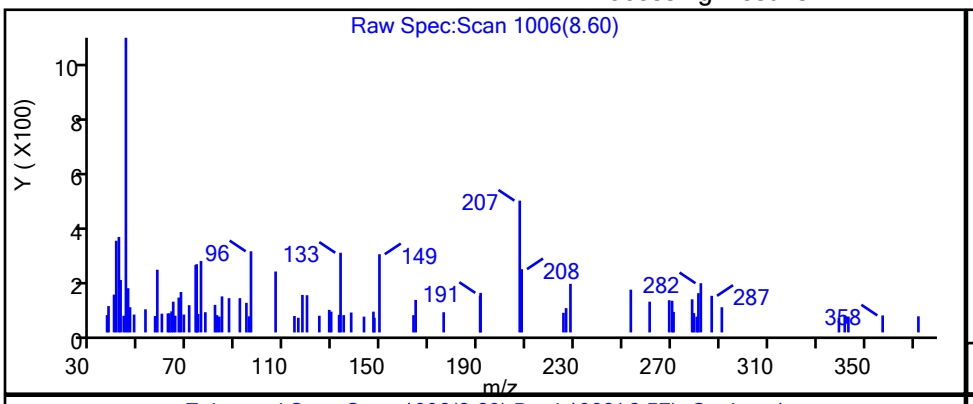
User Disabled Compound Report

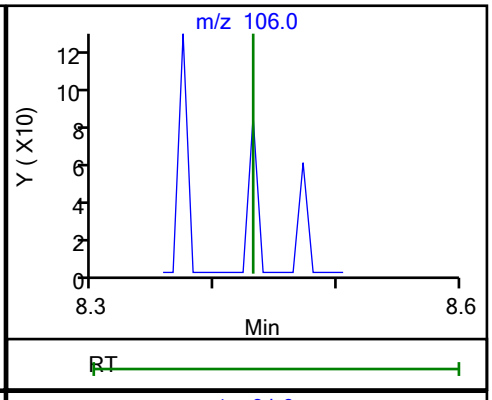
Eurofins Edison

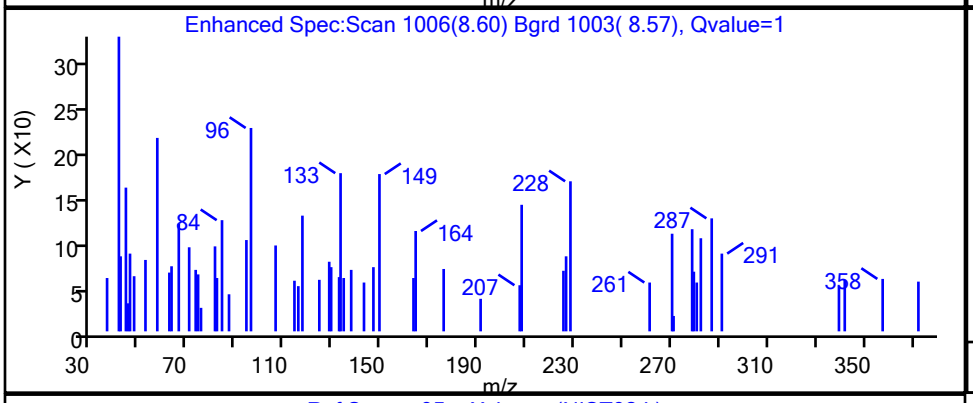
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

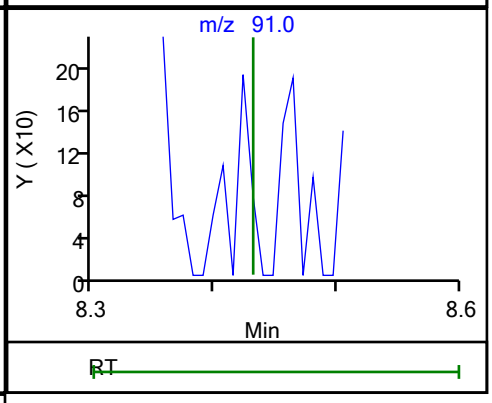
95 o-Xylene, CAS: 95-47-6

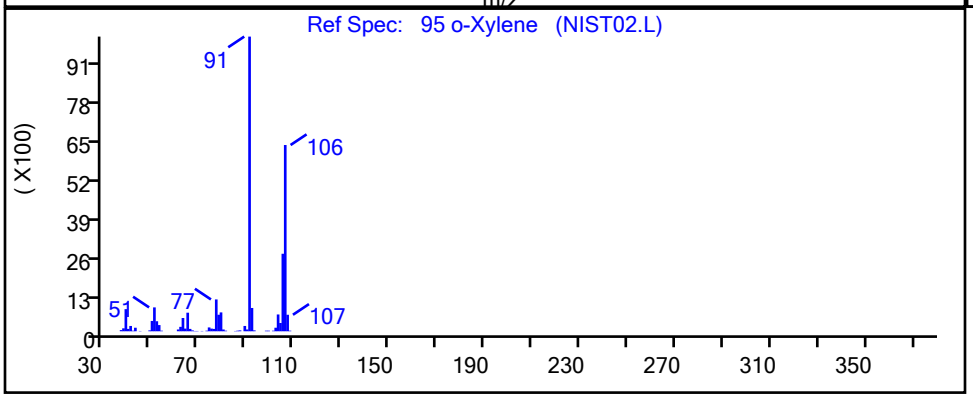
Processing Results











RT	Mass	Response	Amount
8.60	106.00	133	0.015239
8.60	91.00	137	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

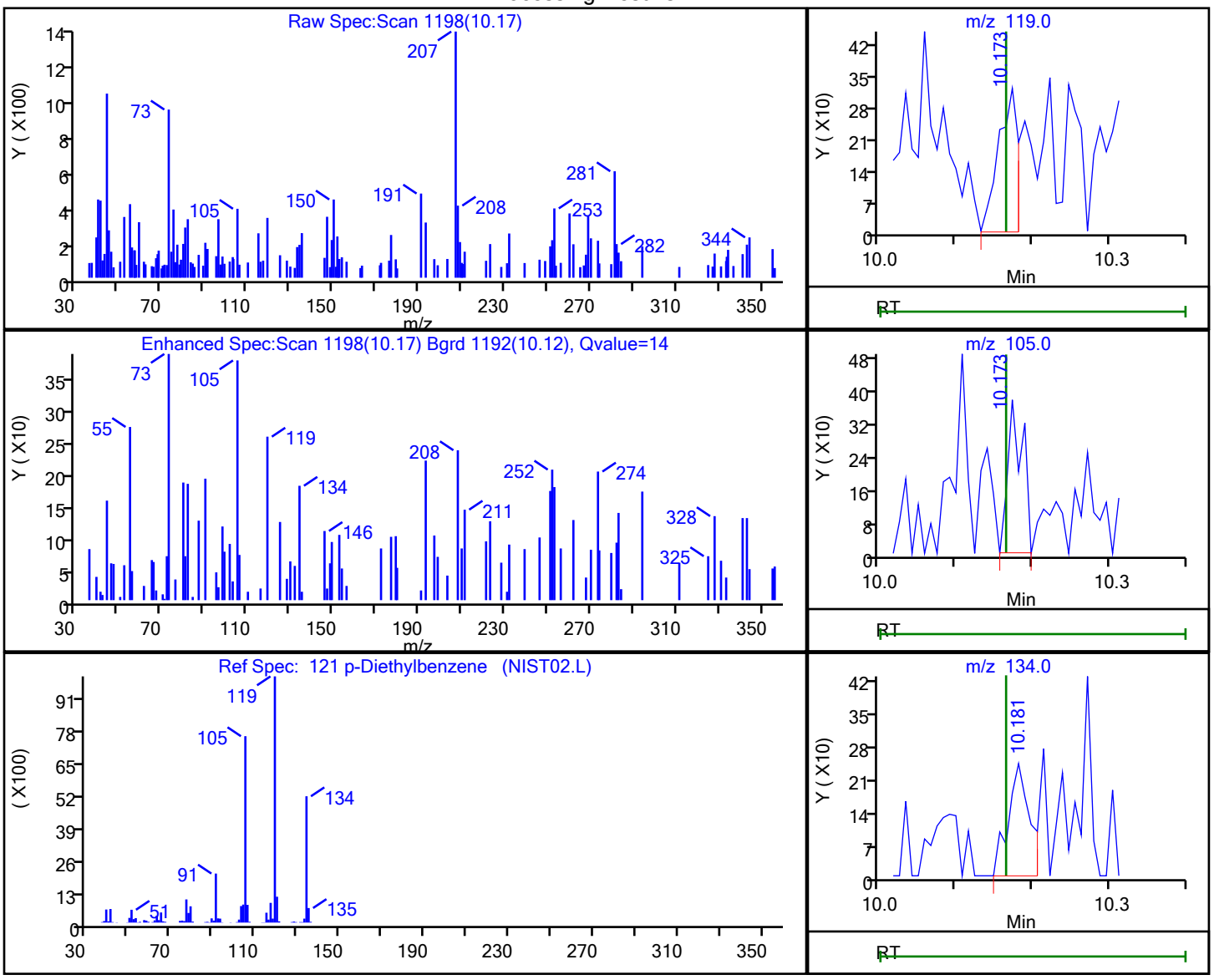
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

121 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.17	119.00	567	0.043800
10.17	105.00	508	
10.18	134.00	471	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

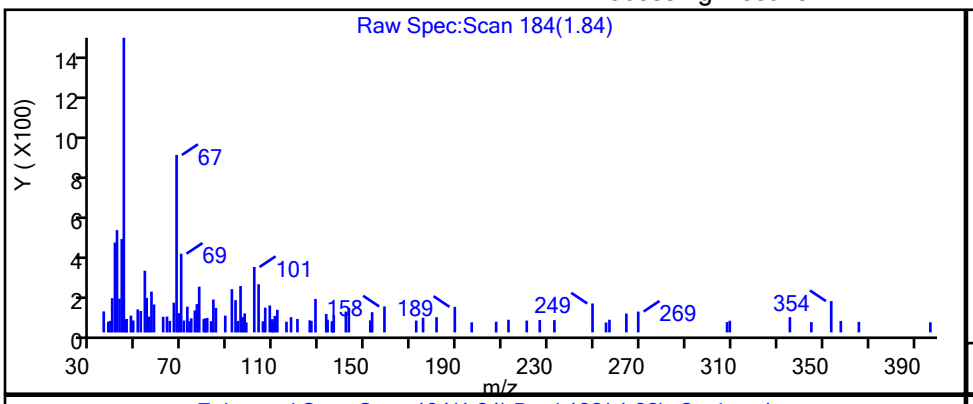
User Disabled Compound Report

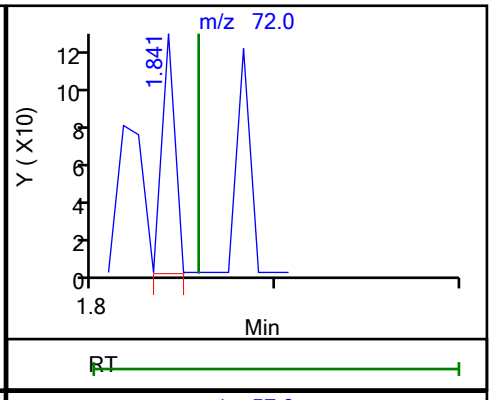
Eurofins Edison

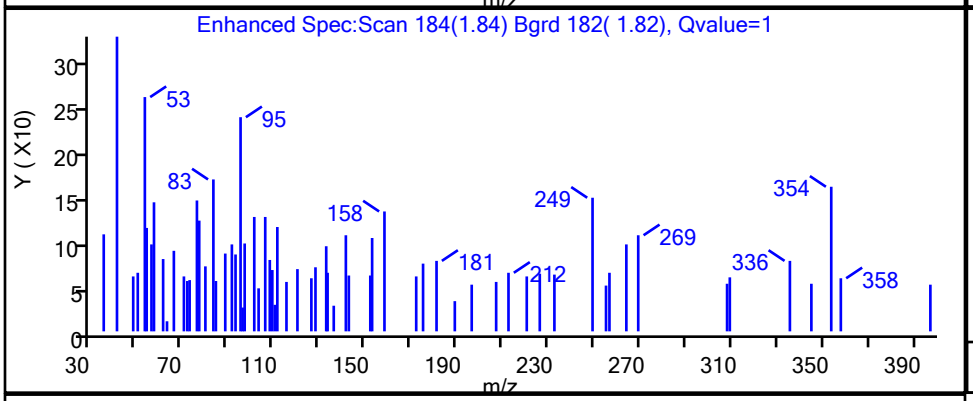
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

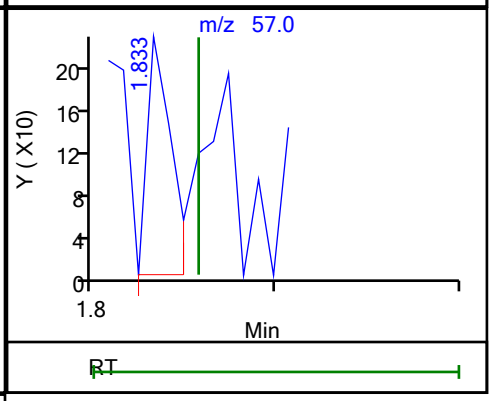
9 Pentane, CAS: 109-66-0

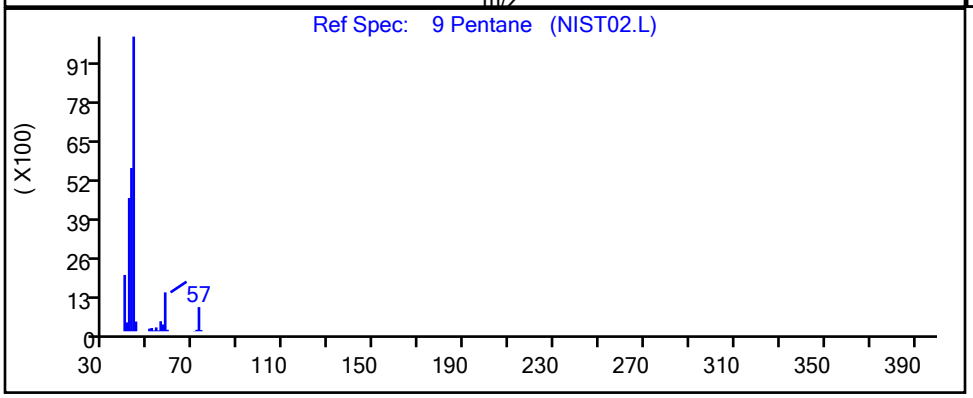
Processing Results











RT	Mass	Response	Amount
1.84	72.00	64	0.120302
1.83	57.00	204	

Reviewer: NN6A, 24-Jan-2026 10:16:42 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

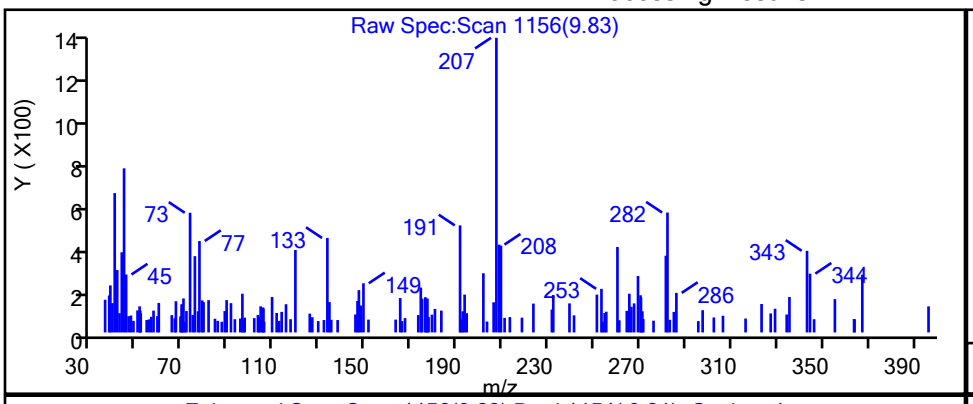
User Disabled Compound Report

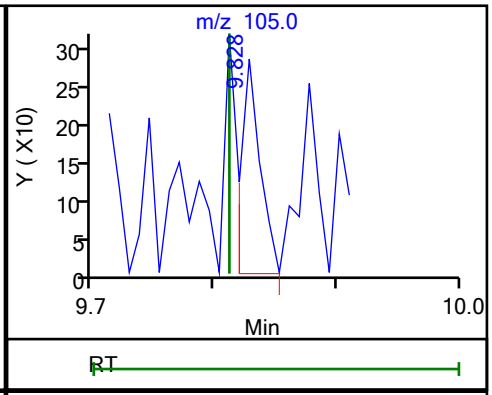
Eurofins Edison

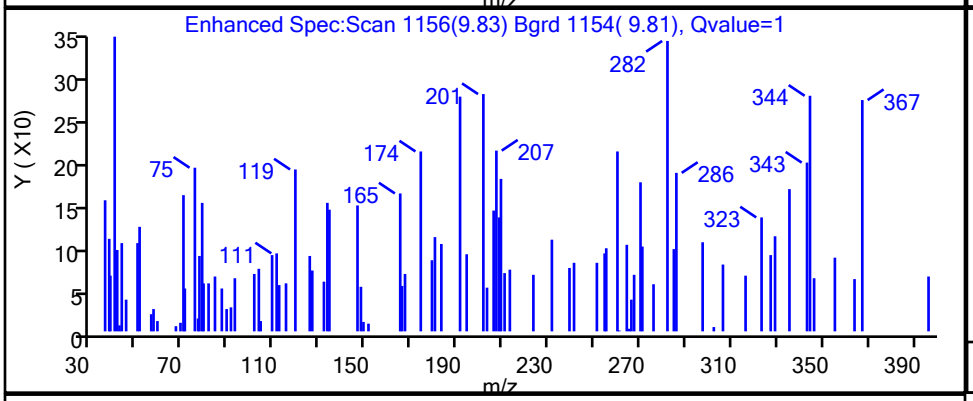
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

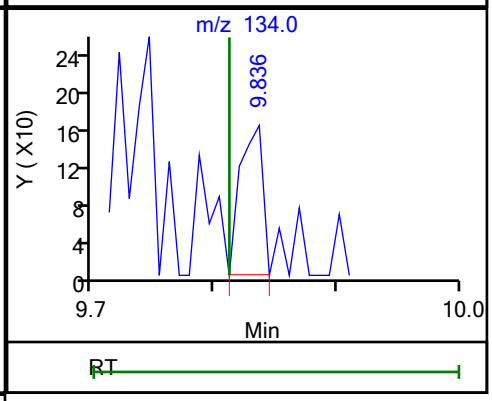
113 sec-Butylbenzene, CAS: 135-98-8

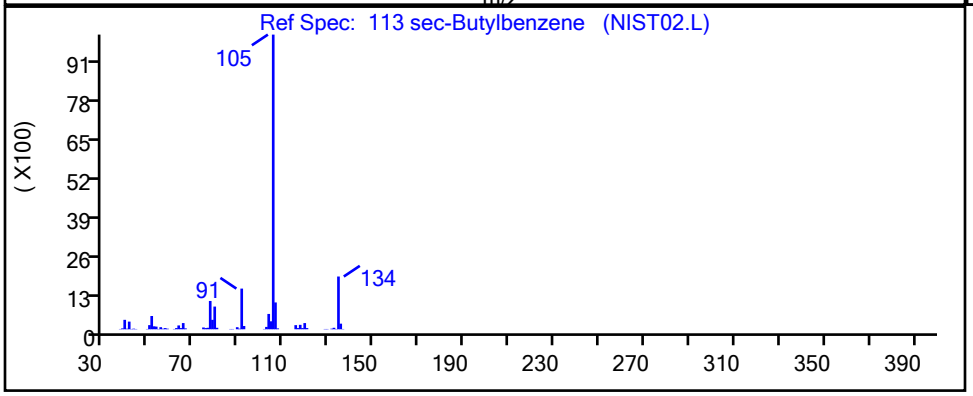
Processing Results











RT	Mass	Response	Amount
9.83	105.00	299	0.012152
9.84	134.00	208	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

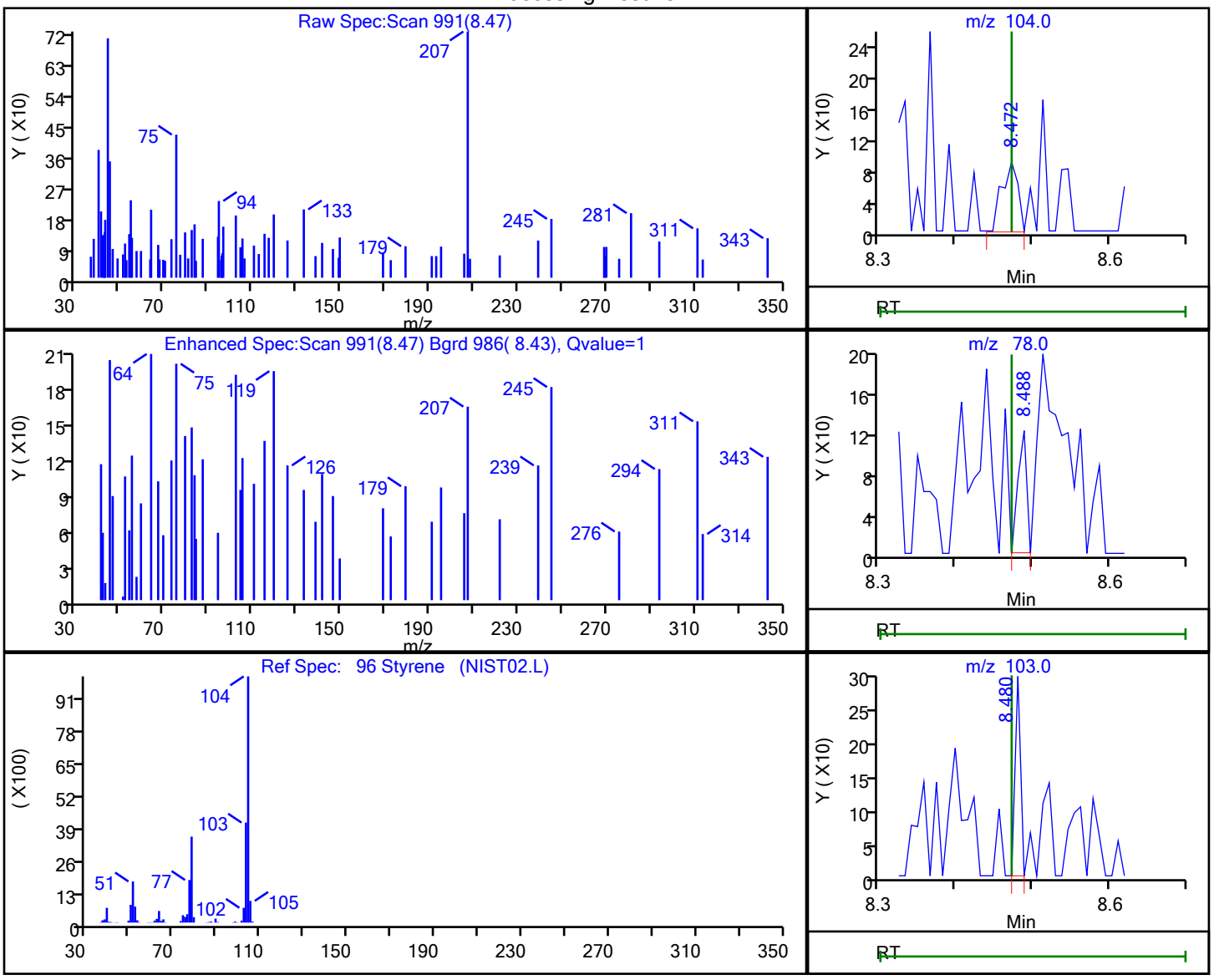
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

96 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.47	104.00	131	0.010191
8.49	78.00	97	
8.48	103.00	144	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

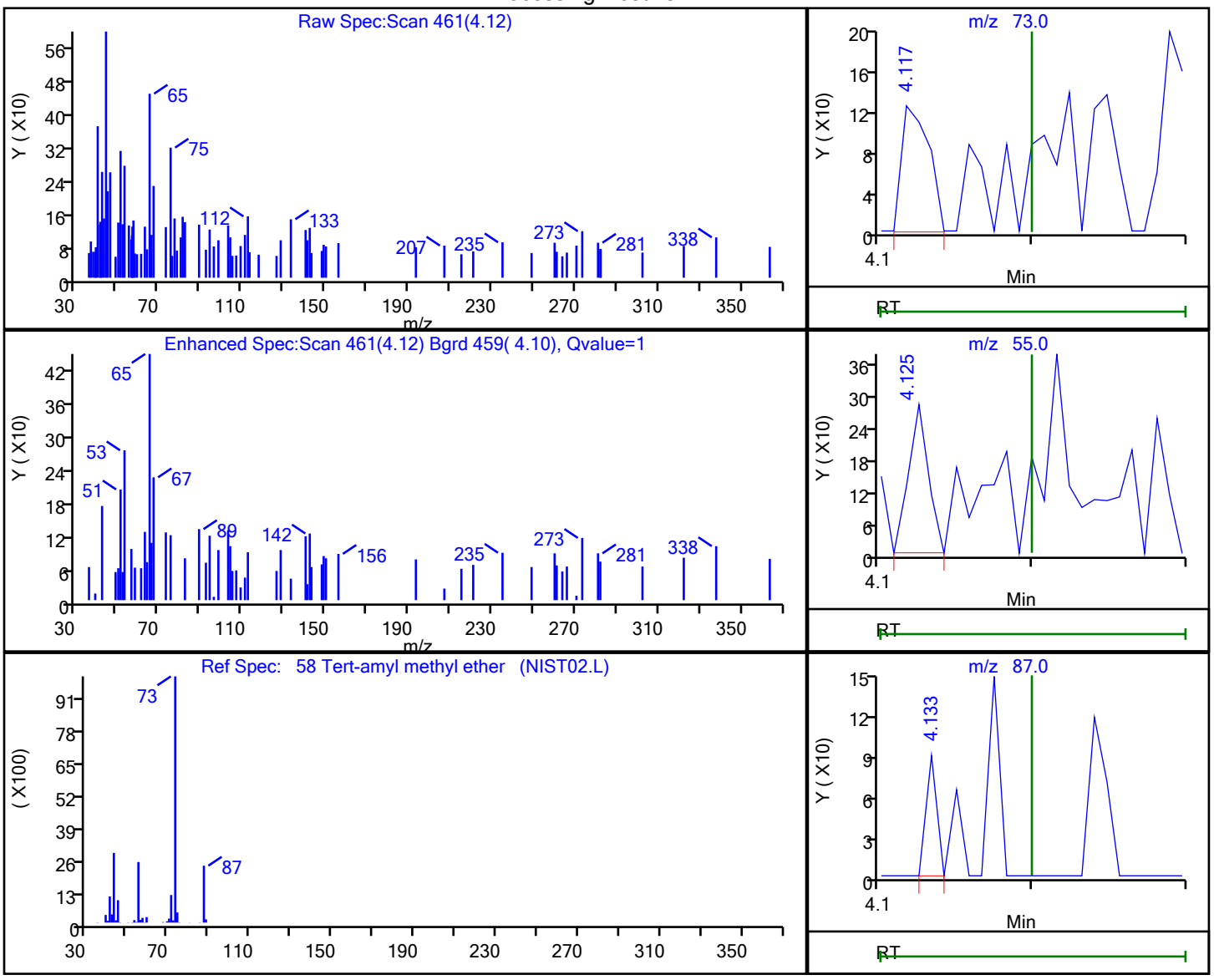
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
4.12	73.00	152	0.010275
4.13	55.00	256	
4.13	87.00	43	

Reviewer: NN6A, 24-Jan-2026 10:17:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

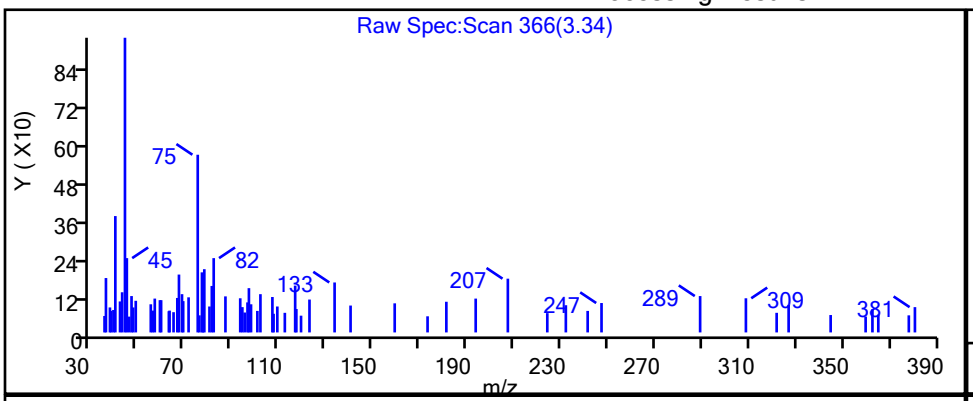
User Disabled Compound Report

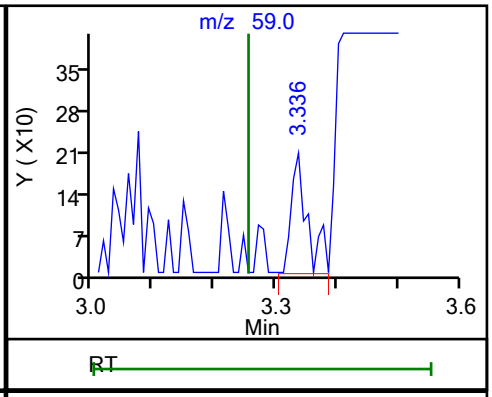
Eurofins Edison

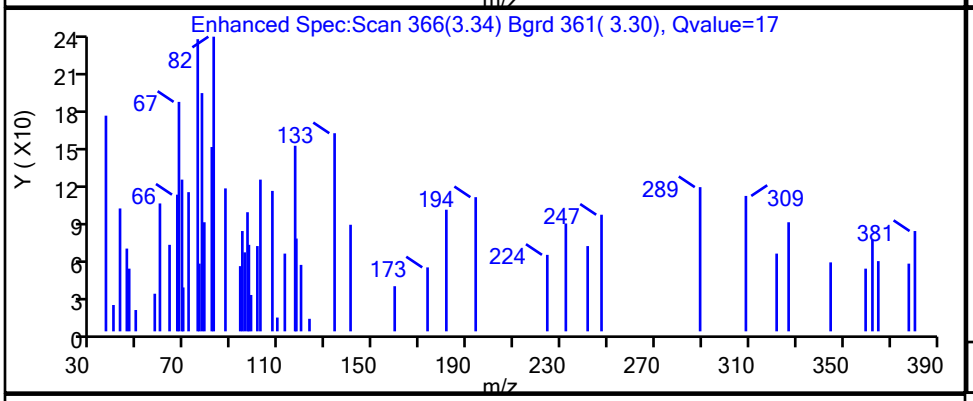
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

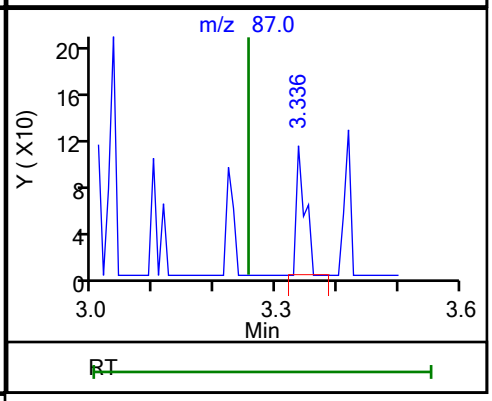
37 Tert-butyl ethyl ether, CAS: 637-92-3

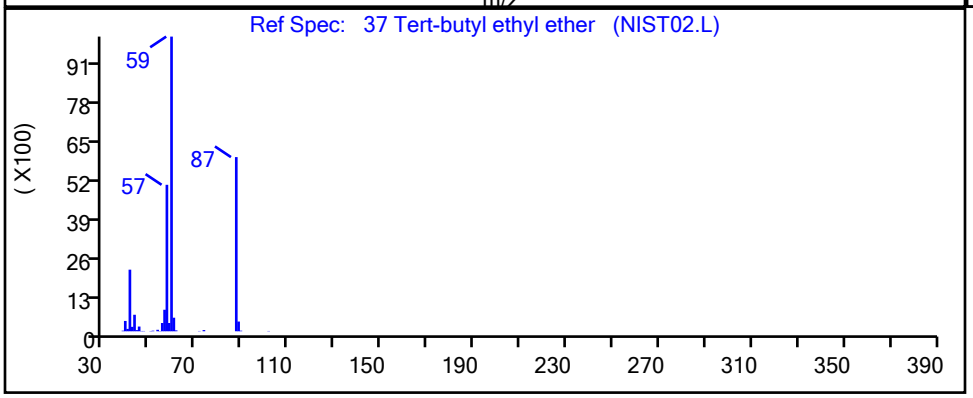
Processing Results











RT	Mass	Response	Amount
3.34	59.00	372	0.027340
3.34	87.00	112	

Reviewer: NN6A, 24-Jan-2026 10:17:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

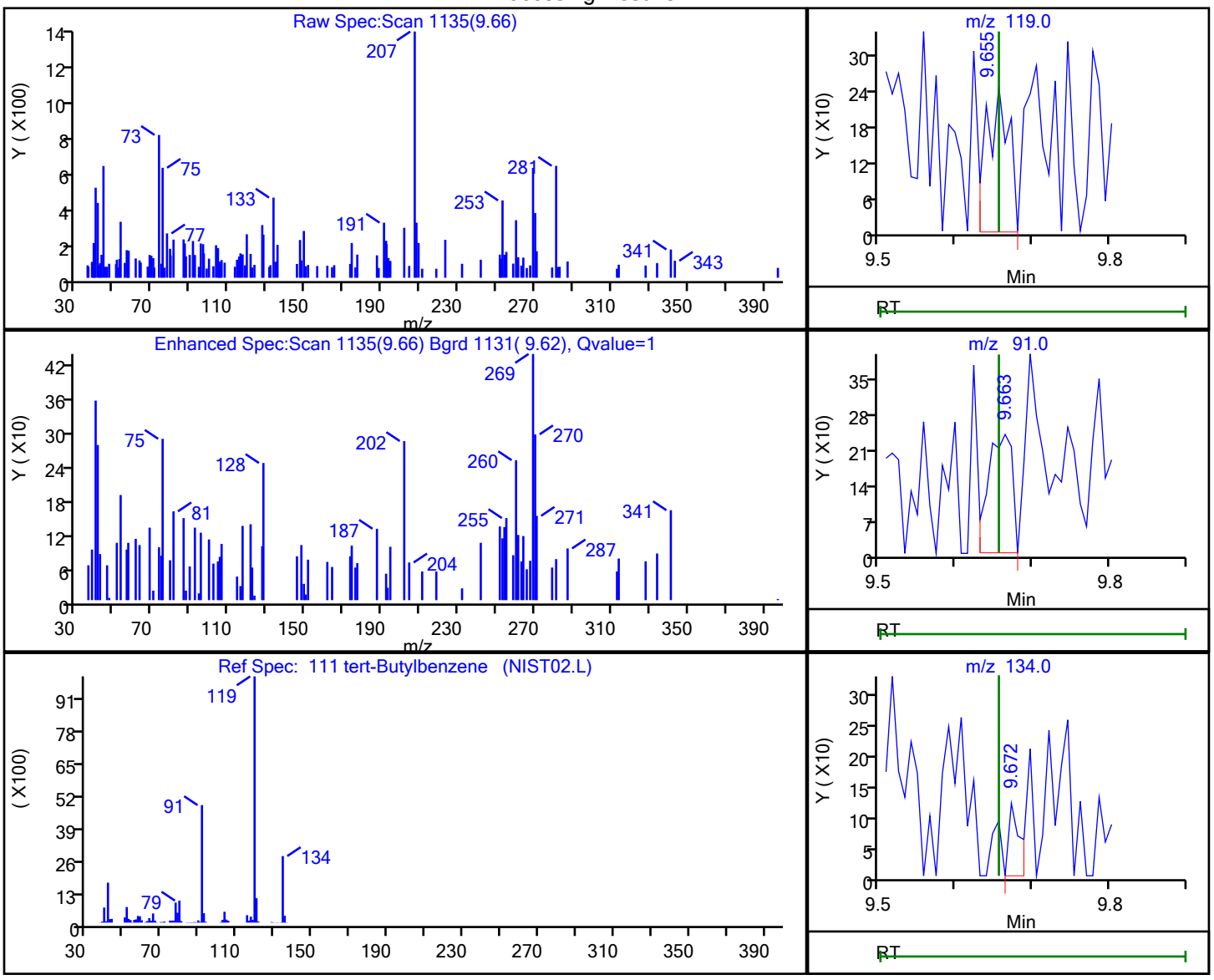
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

111 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.66	119.00	497	0.031987
9.66	91.00	520	
9.67	134.00	121	

Reviewer: NN6A, 24-Jan-2026 10:17:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

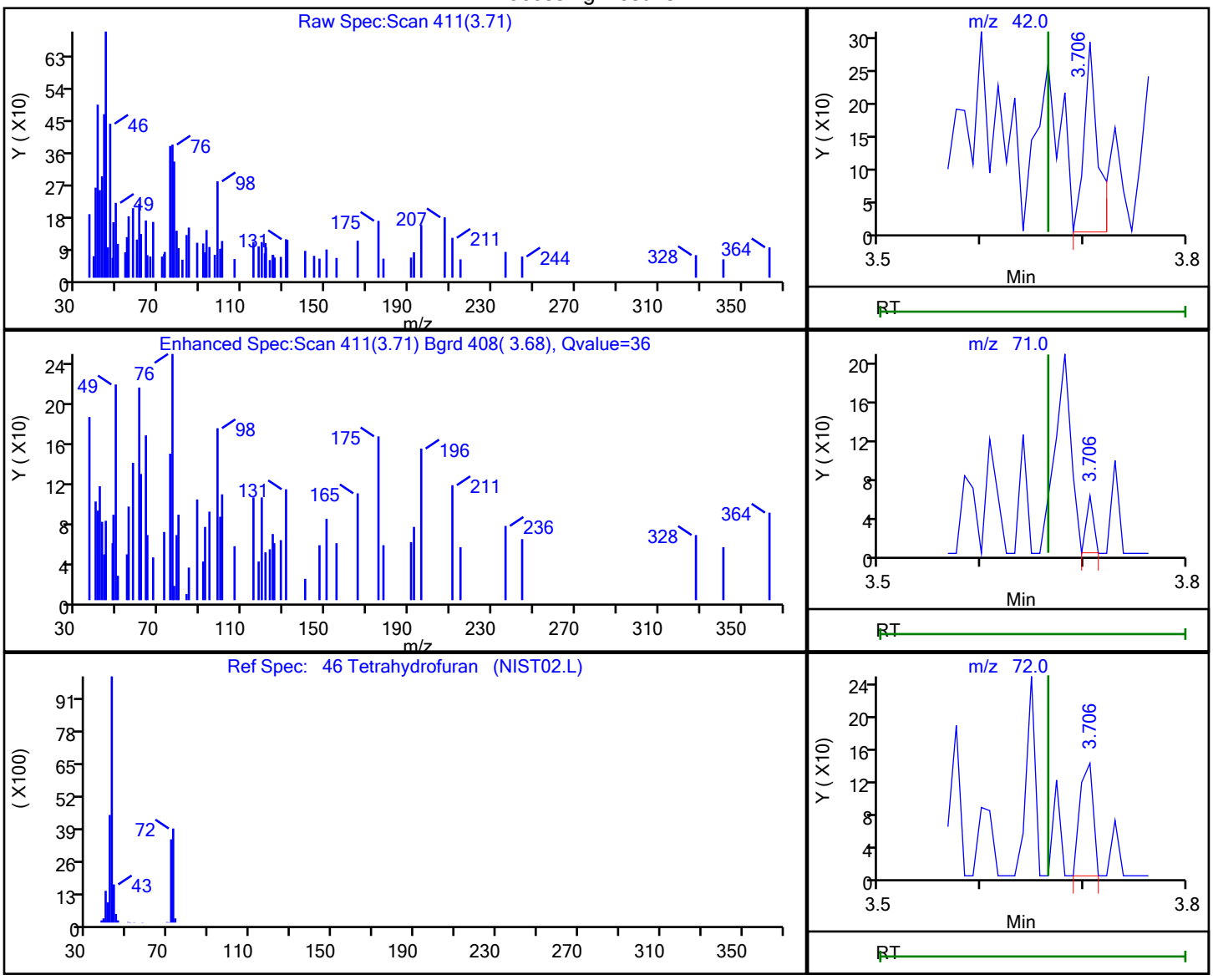
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.71	42.00	267	0.286730
3.71	71.00	30	
3.71	72.00	126	

Reviewer: NN6A, 24-Jan-2026 10:17:17 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

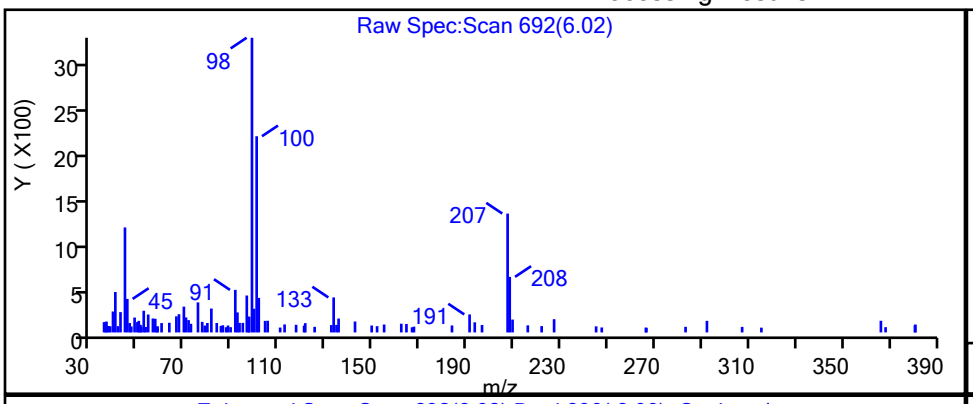
User Disabled Compound Report

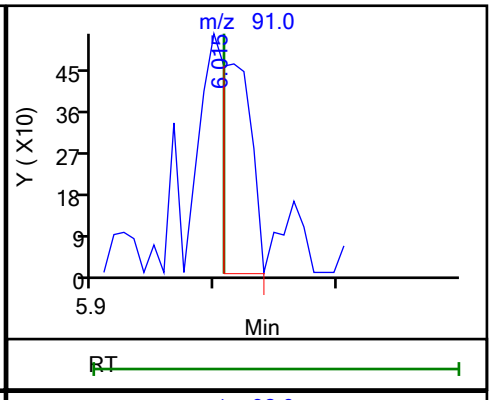
Eurofins Edison

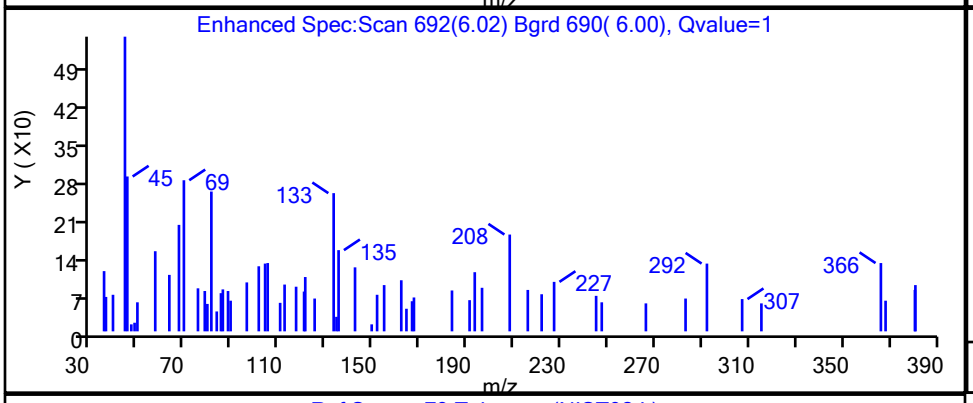
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

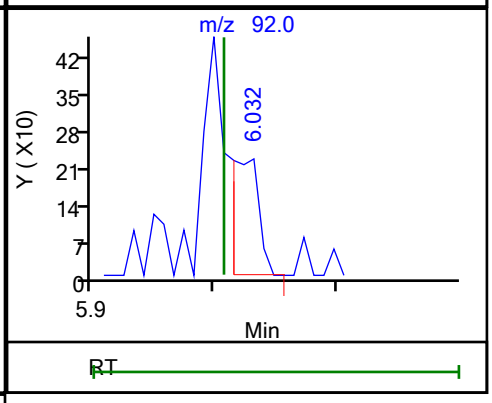
79 Toluene, CAS: 108-88-3

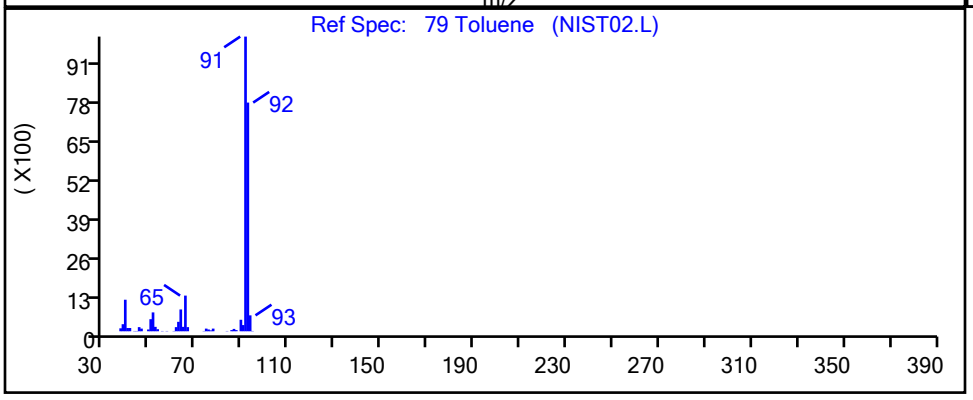
Processing Results











RT	Mass	Response	Amount
6.02	91.00	810	0.042200
6.03	92.00	345	

Reviewer: NN6A, 24-Jan-2026 10:17:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

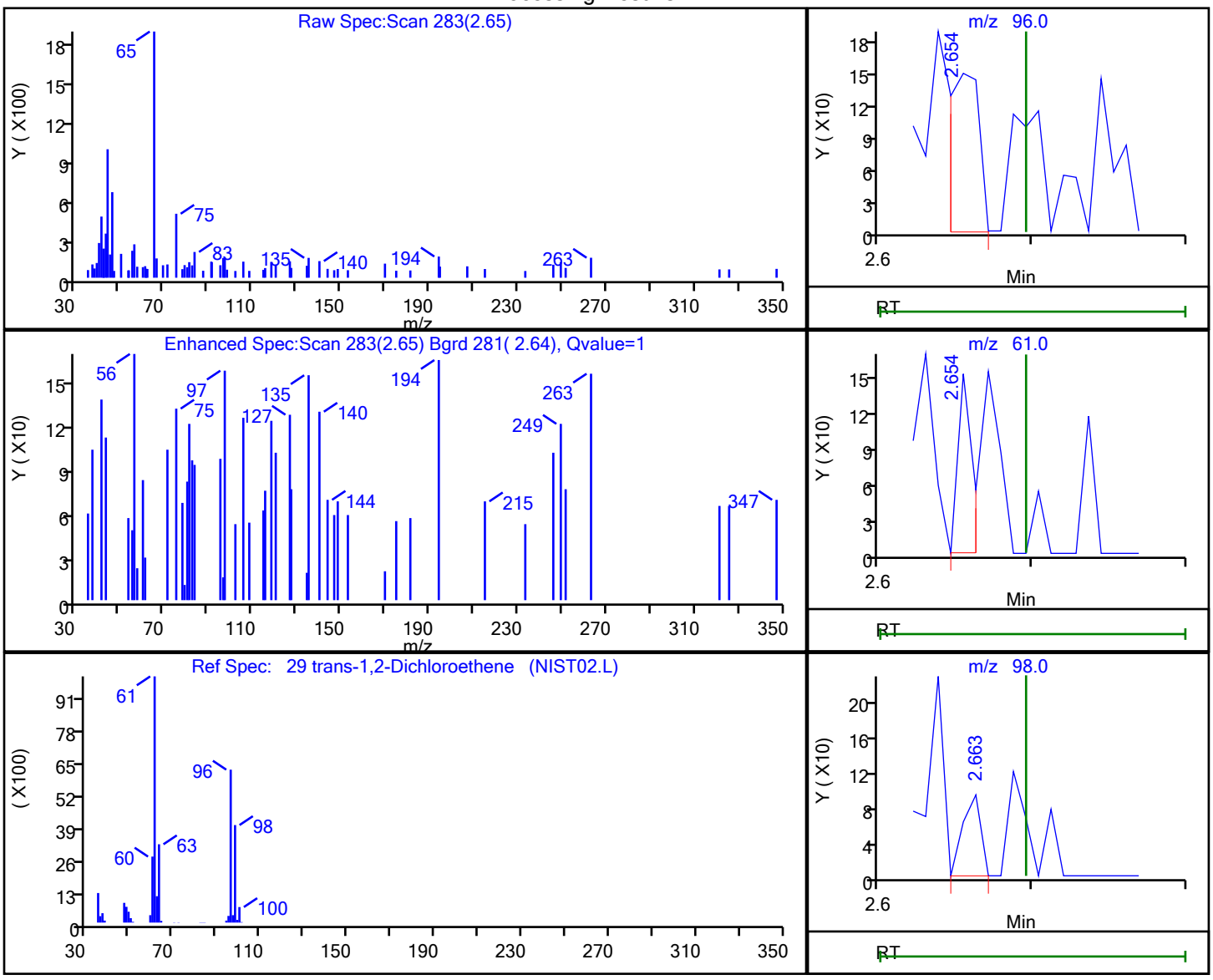
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
2.65	96.00	204	0.041518
2.65	61.00	102	
2.66	98.00	74	

Reviewer: NN6A, 24-Jan-2026 10:16:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

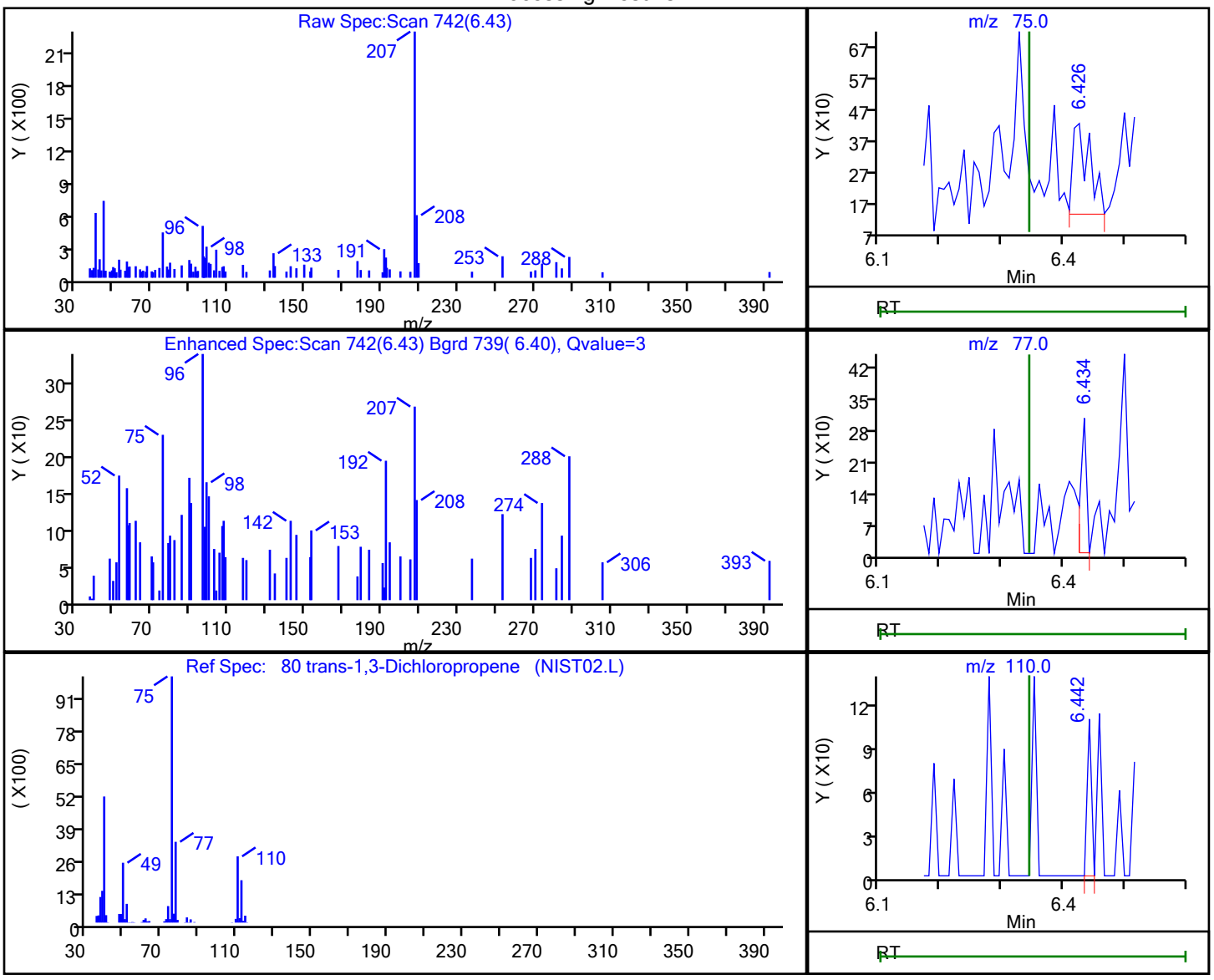
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
6.43	75.00	554	0.151236
6.43	77.00	199	
6.44	110.00	54	

Reviewer: HVW2, 21-Jan-2026 00:51:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

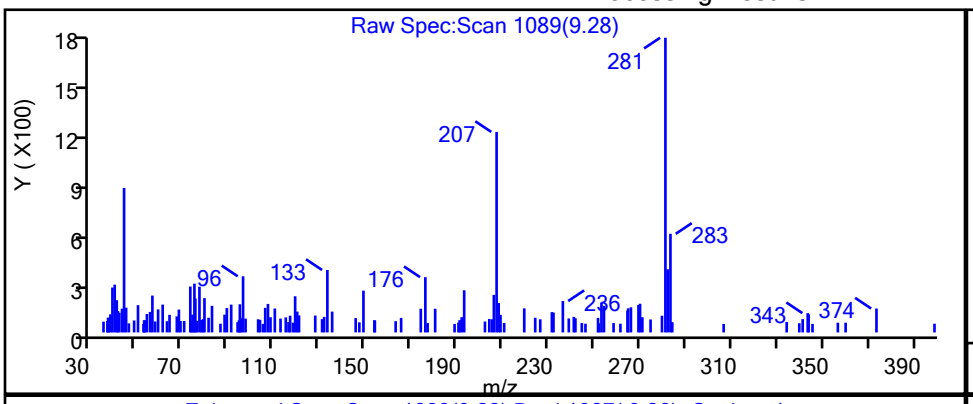
User Disabled Compound Report

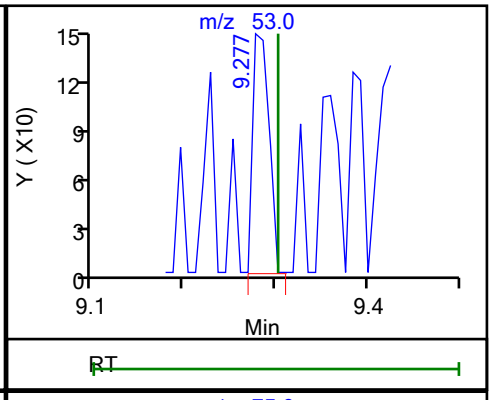
Eurofins Edison

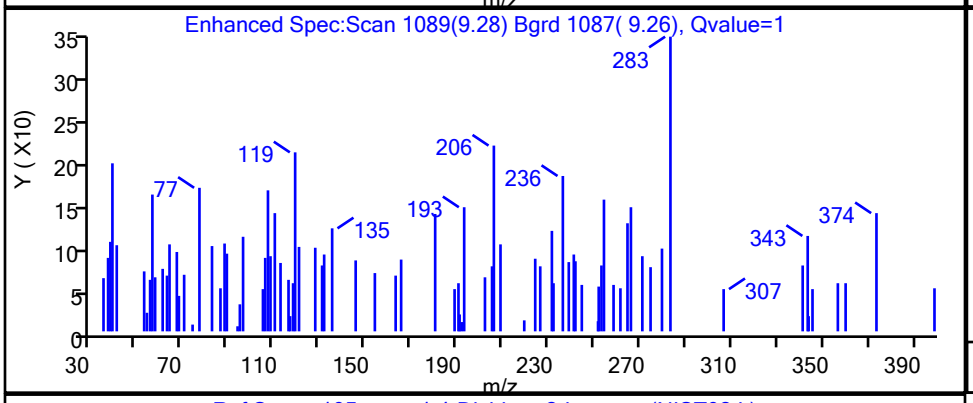
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

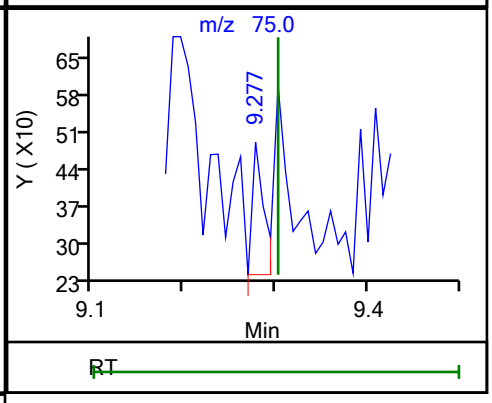
105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

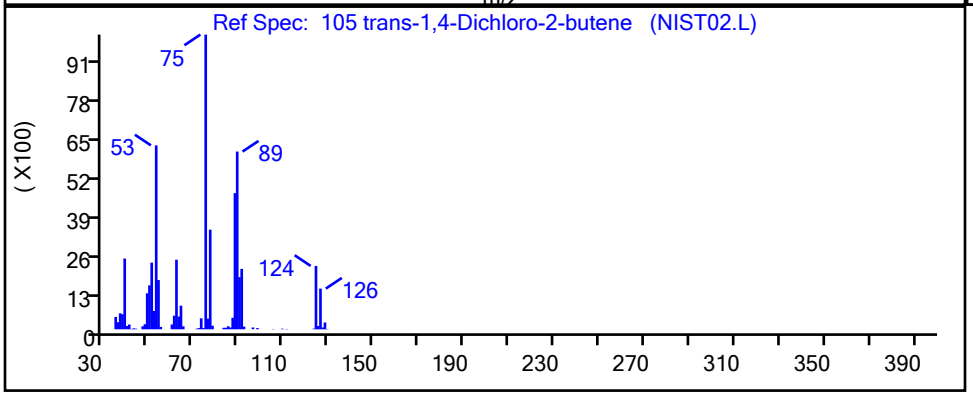
Processing Results











RT	Mass	Response	Amount
9.28	53.00	176	0.183172
9.28	75.00	220	

Reviewer: NN6A, 24-Jan-2026 10:17:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

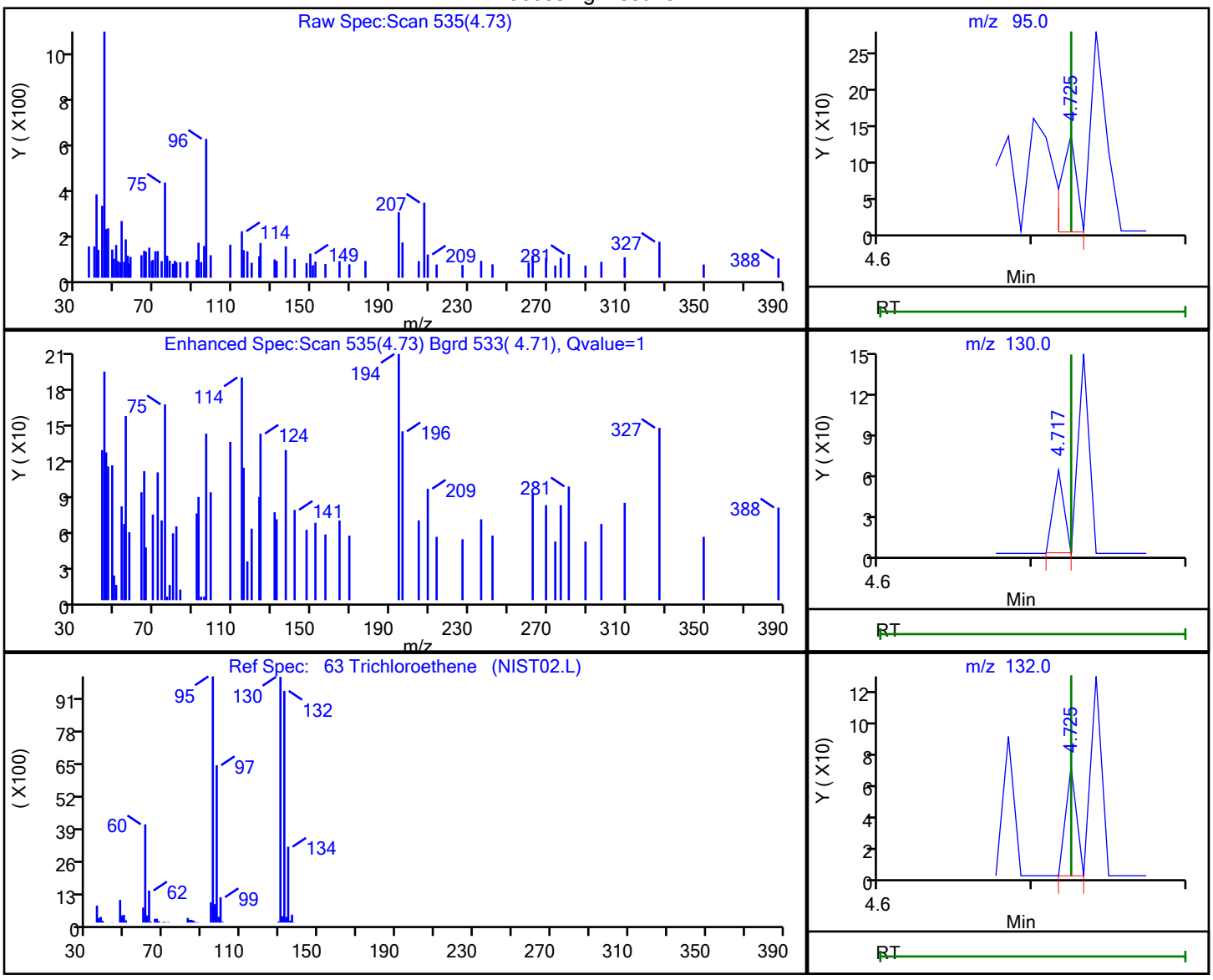
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
4.73	95.00	92	0.027177
4.72	130.00	30	
4.73	132.00	34	

Reviewer: HVW2, 21-Jan-2026 00:51:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

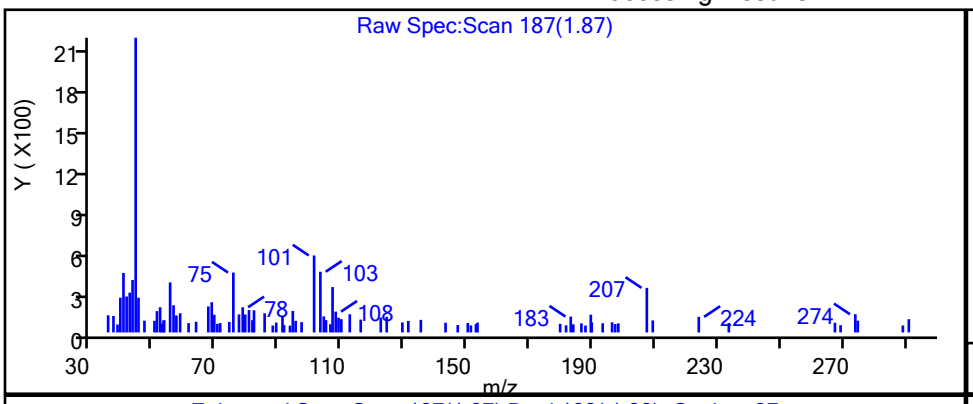
User Disabled Compound Report

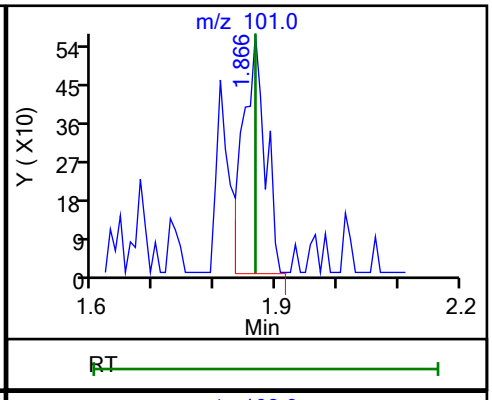
Eurofins Edison

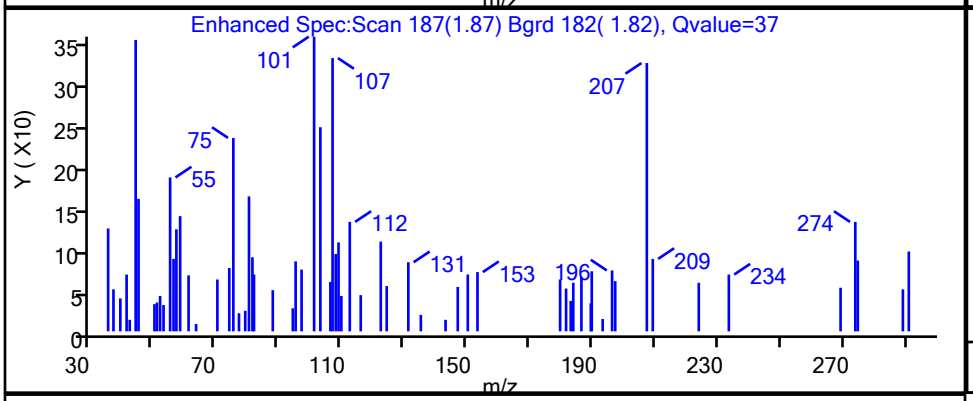
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D				
Injection Date:	21-Jan-2026 00:21:30	Instrument ID:	CVOAMS6		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

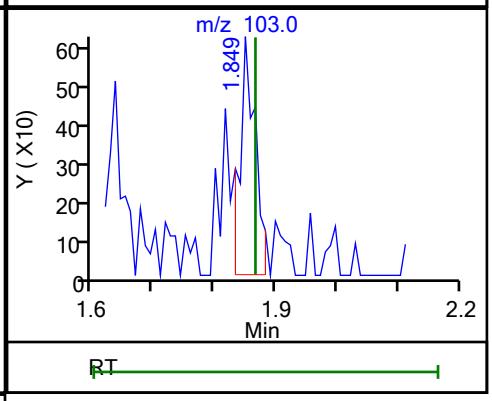
8 Trichlorofluoromethane, CAS: 75-69-4

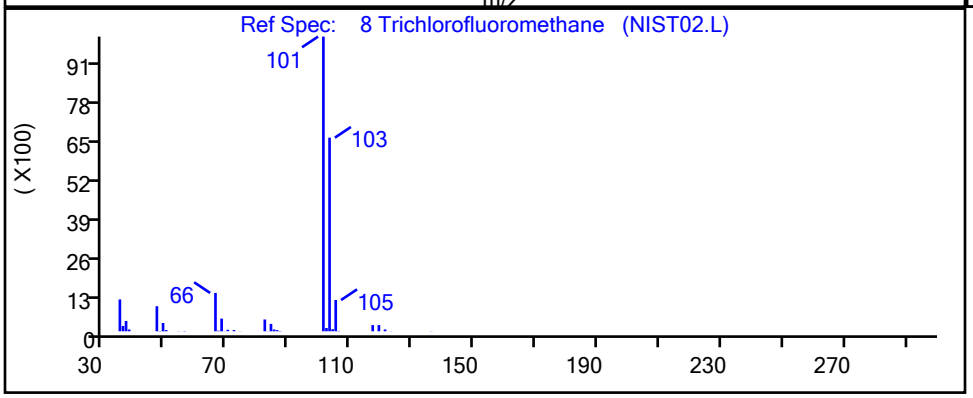
Processing Results











RT	Mass	Response	Amount
1.87	101.00	1413	0.250000
1.85	103.00	1129	

Reviewer: HVW2, 21-Jan-2026 00:50:55 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

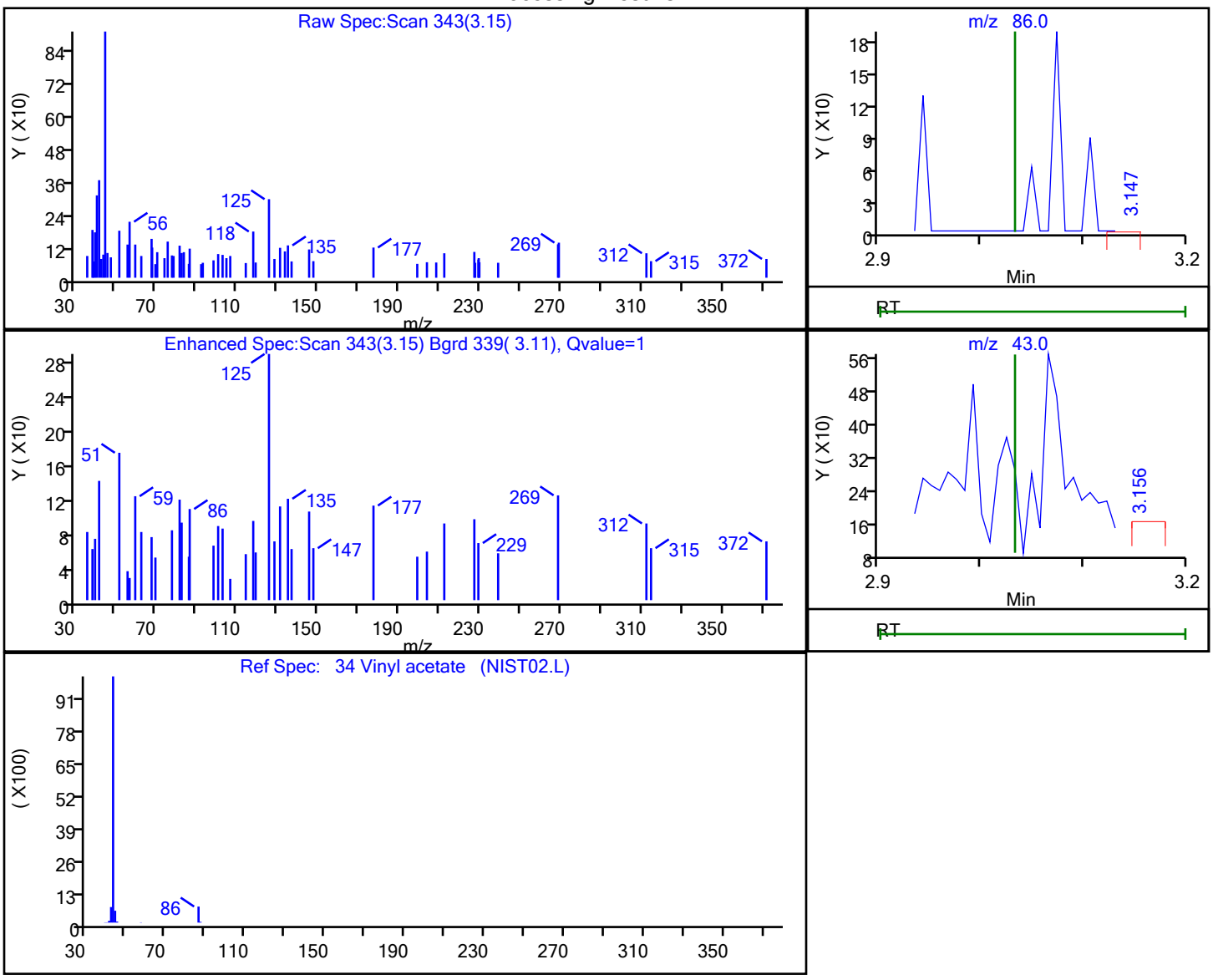
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
3.15	86.00	78	0.093934
3.16	43.00	350	

Reviewer: NN6A, 24-Jan-2026 10:17:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

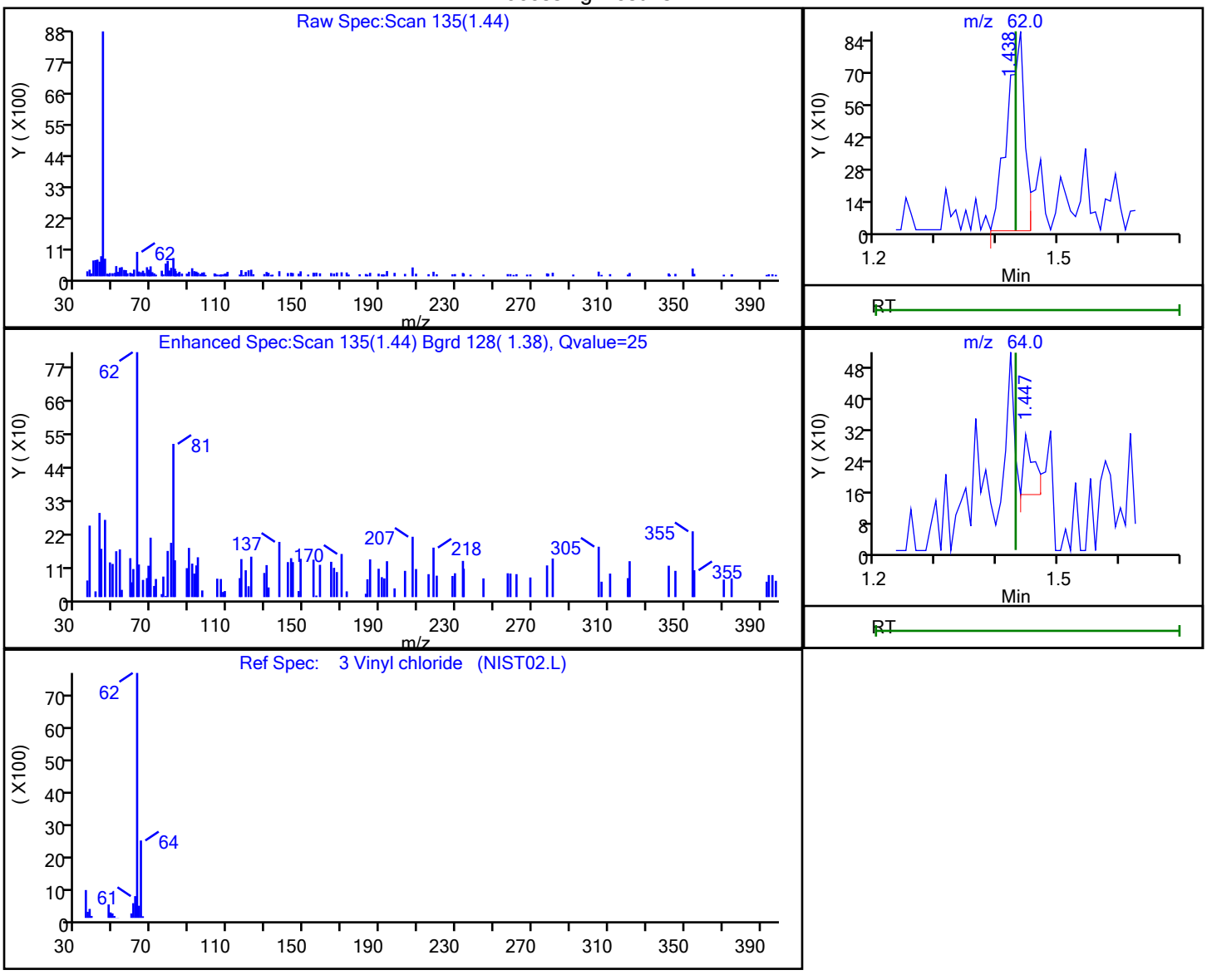
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59223.D
Injection Date: 21-Jan-2026 00:21:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

3 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.44	62.00	1724	0.237068
1.45	64.00	189	

Reviewer: NN6A, 24-Jan-2026 10:16:42 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 21-Jan-2026 01:02:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0201827-006
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Jan-2026 11:05:02 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: HVW2 Date: 21-Jan-2026 01:24:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.200	1.208	-0.008	52	4653	1.00	0.7837	
2 Chloromethane	50	1.340	1.356	-0.016	98	8393	1.00	1.15	
4 Butadiene	54	1.406	1.414	-0.008	45	5803	1.00	1.03	
3 Vinyl chloride	62	1.422	1.430	-0.008	95	7992	1.00	1.07	
5 Bromomethane	94	1.628	1.636	-0.008	95	5415	1.00	0.9441	
6 Chloroethane	64	1.677	1.693	-0.016	64	4443	1.00	1.15	
7 Dichlorofluoromethane	67	1.817	1.833	-0.017	97	10130	1.00	0.9223	
9 Pentane	72	1.841	1.857	-0.016	88	928	2.00	1.61	
8 Trichlorofluoromethane	101	1.849	1.866	-0.017	63	6437	1.00	0.9121	
10 Ethanol	46	1.981	1.997	-0.016	71	531	40.0	33.2	M
11 Ethyl ether	59	1.997	2.005	-0.008	88	4959	1.00	1.00	
12 2-Methyl-1,3-butadiene	53	2.022	2.022	0.000	87	2790	1.00	0.8763	
13 1,2-Dichloro-1,1,2-trifluoroetha	117	2.038	2.055	-0.017	70	4073	1.00	0.9030	a
14 1,1,1-Trifluoro-2,2-dichloroetha	83	2.088	2.088	0.000	88	7262	1.00	0.9125	
16 Acrolein	56	2.137	2.145	-0.008	37	1147	4.00	2.77	
15 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.145	2.161	-0.016	36	4030	1.00	0.7958	a
17 1,1-Dichloroethene	96	2.170	2.178	-0.008	94	4637	1.00	0.9751	
18 Acetone	43	2.236	2.244	-0.008	66	3325	5.00	4.77	
20 Iodomethane	142	2.285	2.301	-0.016	97	8264	1.00	0.9713	
19 Isopropyl alcohol	45	2.326	2.309	0.017	26	1665	10.0	9.55	M
21 Carbon disulfide	76	2.326	2.334	-0.008	98	18122	1.00	0.9672	
23 3-Chloro-1-propene	39	2.425	2.433	-0.008	74	7193	1.00	1.06	
22 Methyl acetate	43	2.433	2.433	0.000	75	3657	2.00	1.92	
24 Cyclopentene	67	2.441	2.449	-0.008	88	10435	1.00	0.8980	
32 Acetonitrile	41	2.499	2.498	0.000	1	2813	10.0	6.99	a
* 25 TBA-d9 (IS)	65	2.523	2.523	0.000	99	235583	1000.0	1000.0	
26 Methylene Chloride	84	2.523	2.539	-0.016	32	5835	1.00	1.06	
27 2-Methyl-2-propanol	59	2.556	2.581	-0.025	28	2839	10.0	9.73	a
28 Methyl tert-butyl ether	73	2.655	2.663	-0.008	96	10945	1.00	0.8647	
29 trans-1,2-Dichloroethene	96	2.688	2.696	-0.008	85	4995	1.00	1.00	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	2.761	2.753	0.008	18	8712	10.0	8.27	M
31 Hexane	43	2.811	2.819	-0.008	91	3738	1.00	1.00	M
33 Isopropyl ether	45	2.992	2.991	0.001	95	14008	1.00	0.9518	M
35 1,1-Dichloroethane	63	3.024	3.024	0.000	98	7813	1.00	0.9374	
34 Vinyl acetate	86	3.033	3.032	0.001	88	1255	2.00	1.83	M
36 2-Chloro-1,3-butadiene	88	3.057	3.065	-0.008	83	4118	1.00	0.9391	
37 Tert-butyl ethyl ether	59	3.254	3.254	0.000	89	12582	1.00	0.9068	
* 38 2-Butanone-d5	46	3.427	3.435	-0.008	92	210256	250.0	250.0	
39 2,2-Dichloropropane	97	3.435	3.443	-0.008	58	1834	1.00	0.9231	
41 cis-1,2-Dichloroethene	96	3.460	3.468	-0.008	94	6370	1.00	1.11	
40 Ethyl acetate	70	3.485	3.484	0.001	15	667	2.00	1.93	M
42 2-Butanone (MEK)	72	3.476	3.484	-0.008	78	1474	5.00	4.54	
43 Methyl acrylate	55	3.534	3.542	-0.008	25	1724	1.00	0.8195	M
44 Propionitrile	54	3.624	3.599	0.025	32	2777	10.0	7.39	Ma
46 Tetrahydrofuran	42	3.657	3.665	-0.008	42	2360	2.00	2.09	Ma
45 Chlorobromomethane	128	3.665	3.673	-0.008	87	1998	1.00	0.8443	
47 Methacrylonitrile	67	3.682	3.682	0.000	90	12055	10.0	8.66	
48 Chloroform	83	3.706	3.714	-0.008	93	8150	1.00	1.00	
49 Cyclohexane	84	3.821	3.830	-0.009	31	6004	1.00	0.7479	a
51 1,1,1-Trichloroethane	97	3.838	3.838	0.000	36	6923	1.00	0.8976	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	96	168133	50.0	49.8	
52 Carbon tetrachloride	117	3.945	3.945	0.000	93	5501	1.00	0.8844	
53 1,1-Dichloropropene	75	3.969	3.969	0.000	95	7014	1.00	1.06	
134 Isooctane	57	4.117	4.117	0.000	92	10621	1.00	1.01	
54 Isobutyl alcohol	43	4.101	4.117	-0.016	23	1156	25.0	10.8	Ma
55 Benzene	78	4.142	4.142	0.000	50	18910	1.00	0.9660	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	91	151924	50.0	47.3	
57 Isopropyl acetate	87	4.199	4.199	0.000	65	3155	1.00	0.8191	a
58 Tert-amyl methyl ether	73	4.191	4.199	-0.008	91	14701	1.00	0.9745	
59 1,2-Dichloroethane	62	4.216	4.224	-0.008	94	4388	1.00	0.8591	
60 n-Heptane	57	4.282	4.281	0.001	52	2577	1.00	0.7636	
* 61 Fluorobenzene	96	4.397	4.405	-0.008	100	711763	50.0	50.0	
63 Trichloroethene	95	4.717	4.725	-0.008	93	4927	1.00	1.01	
62 n-Butanol	56	4.832	4.774	0.058	45	2812	25.0	53.3	a
64 Ethyl acrylate	55	4.824	4.832	-0.008	91	7660	1.00	0.7714	
65 Methylcyclohexane	83	4.832	4.840	-0.008	92	7171	1.00	0.7921	M
66 1,2-Dichloropropane	63	4.988	4.988	0.000	85	6035	1.00	1.12	
* 67 1,4-Dioxane-d8	96	5.038	5.037	0.001	35	27589	1000.0	1000.0	M
68 Methyl methacrylate	100	5.062	5.054	0.008	53	1185	2.00	2.05	
69 1,4-Dioxane	88	5.079	5.095	-0.016	55	1517	50.0	41.0	
71 Dibromomethane	93	5.111	5.111	0.000	81	3143	1.00	1.11	
70 n-Propyl acetate	43	5.136	5.111	0.025	29	4271	1.00	1.01	a
72 Dichlorobromomethane	83	5.243	5.243	0.000	98	5409	1.00	0.8828	
74 2-Nitropropane	41	5.563	5.555	0.008	30	1711	2.00	2.37	a
73 2-Chloroethyl vinyl ether	63	5.563	5.563	0.000	51	2491	1.00	1.03	M
75 Epichlorohydrin	57	5.678	5.662	0.016	41	4209	20.0	11.8	a
76 cis-1,3-Dichloropropene	75	5.720	5.711	0.009	88	6262	1.00	0.8230	
77 4-Methyl-2-pentanone (MIBK)	43	5.859	5.859	0.000	90	10388	5.00	4.00	a
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	100	660334	50.0	50.1	
79 Toluene	91	6.007	6.007	0.000	93	19557	1.00	0.9837	
80 trans-1,3-Dichloropropene	75	6.344	6.344	0.000	81	4360	1.00	0.7728	
81 Ethyl methacrylate	69	6.377	6.377	0.000	76	4496	1.00	0.9178	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	6.549	6.541	0.008	81	2633	1.00	0.8689	
83 Tetrachloroethene	166	6.591	6.582	0.009	92	4373	1.00	1.01	
84 1,3-Dichloropropane	76	6.755	6.747	0.008	84	5402	1.00	0.9080	a
85 2-Hexanone	43	6.821	6.812	0.009	86	5563	5.00	3.58	Ma
86 n-Butyl acetate	43	6.936	6.927	0.009	63	3240	1.00	0.6806	
87 Chlorodibromomethane	129	6.960	6.960	0.000	91	3542	1.00	0.8615	
88 Ethylene Dibromide	107	7.116	7.108	0.008	44	3491	1.00	0.9653	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	85	478960	50.0	50.0	
90 Chlorobenzene	112	7.675	7.667	0.008	94	10944	1.00	0.9061	
91 Ethylbenzene	106	7.774	7.774	0.000	97	6778	1.00	0.9465	a
92 1,1,1,2-Tetrachloroethane	131	7.782	7.782	0.000	40	4587	1.00	0.9494	a
93 m-Xylene & p-Xylene	106	7.930	7.922	0.008	97	7814	1.00	0.8973	a
95 o-Xylene	106	8.423	8.431	-0.008	94	7800	1.00	0.8628	
94 n-Butyl acrylate	73	8.439	8.439	0.000	31	2077	1.00	1.02	M
96 Styrene	104	8.472	8.472	0.000	92	11042	1.00	0.8293	
98 Bromoform	173	8.719	8.719	0.000	64	1955	1.00	0.8986	
97 Amyl acetate (mixed isomers)	43	8.735	8.727	0.008	84	4412	1.00	0.7094	
99 Isopropylbenzene	105	8.858	8.858	0.000	94	20050	1.00	0.9504	
$ 100 4-Bromofluorobenzene	174	9.064	9.055	0.009	89	169401	50.0	49.0	
101 Bromobenzene	156	9.179	9.179	0.000	96	4359	1.00	0.8965	
102 1,1,2,2-Tetrachloroethane	83	9.236	9.236	0.000	89	3816	1.00	0.7702	
103 N-Propylbenzene	91	9.253	9.253	0.000	99	24848	1.00	0.9523	a
104 1,2,3-Trichloropropane	110	9.277	9.269	0.008	60	1330	1.00	1.02	
105 trans-1,4-Dichloro-2-butene	53	9.302	9.302	0.000	1	780	1.00	0.7893	a
106 2-Chlorotoluene	91	9.343	9.343	0.000	96	17179	1.00	0.9353	a
107 4-Ethyltoluene	105	9.360	9.359	0.001	97	18112	1.00	0.8625	a
108 1,3,5-Trimethylbenzene	105	9.417	9.417	0.000	89	17831	1.00	0.9129	
109 4-Chlorotoluene	91	9.442	9.442	0.000	97	14056	1.00	0.8327	a
110 Butyl Methacrylate	87	9.508	9.507	0.001	85	6505	1.00	0.8442	
111 tert-Butylbenzene	119	9.655	9.655	0.000	95	15018	1.00	0.9398	
112 1,2,4-Trimethylbenzene	105	9.705	9.705	0.000	96	18588	1.00	0.9455	
113 sec-Butylbenzene	105	9.812	9.811	0.001	99	25031	1.00	0.9892	
115 1,3-Dichlorobenzene	146	9.918	9.910	0.008	67	9036	1.00	0.8829	a
114 4-Isopropyltoluene	119	9.918	9.918	0.000	98	19428	1.00	0.9116	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	96	262070	50.0	50.0	
117 1,4-Dichlorobenzene	146	9.984	9.984	0.000	93	9818	1.00	0.9258	a
118 1,2,3-Trimethylbenzene	105	10.001	9.992	0.009	94	18125	1.00	0.8776	
119 Benzyl chloride	91	10.083	10.083	0.000	97	9322	1.00	0.8840	
120 2,3-Dihydroindene	117	10.124	10.124	0.000	95	17200	1.00	0.9392	
121 p-Diethylbenzene	119	10.165	10.165	0.000	92	11726	1.00	0.8808	
122 n-Butylbenzene	92	10.181	10.181	0.000	95	10784	1.00	0.8951	
123 1,2-Dichlorobenzene	146	10.222	10.222	0.000	95	9919	1.00	0.9502	a
124 1,2,4,5-Tetramethylbenzene	119	10.633	10.625	0.008	96	20341	1.00	0.9389	
125 1,2-Dibromo-3-Chloropropane	157	10.699	10.691	0.008	62	998	1.00	0.9514	
126 1,3,5-Trichlorobenzene	180	10.781	10.765	0.016	95	8631	1.00	0.9749	
127 1,2,4-Trichlorobenzene	180	11.126	11.110	0.016	92	7544	1.00	0.9166	
128 Hexachlorobutadiene	225	11.176	11.167	0.009	87	2506	1.00	0.8183	
129 Naphthalene	128	11.266	11.249	0.017	98	18875	1.00	1.02	
130 1,2,3-Trichlorobenzene	180	11.406	11.389	0.017	94	7288	1.00	0.9846	
S 131 1,2-Dichloroethene, Total	100				0		2.00	2.11	
S 132 Total BTEX	1				0		5.00	4.66	
S 133 Xylenes, Total	100				0		2.00	1.76	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00193	Amount Added:	4.00	Units: uL	
GASES Li_00680	Amount Added:	10.00	Units: uL	
14DIOXINTER_00193	Amount Added:	30.00	Units: uL	
524FREONS_00049	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00217	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00085	Amount Added:	5.00	Units: uL	Run Reagent

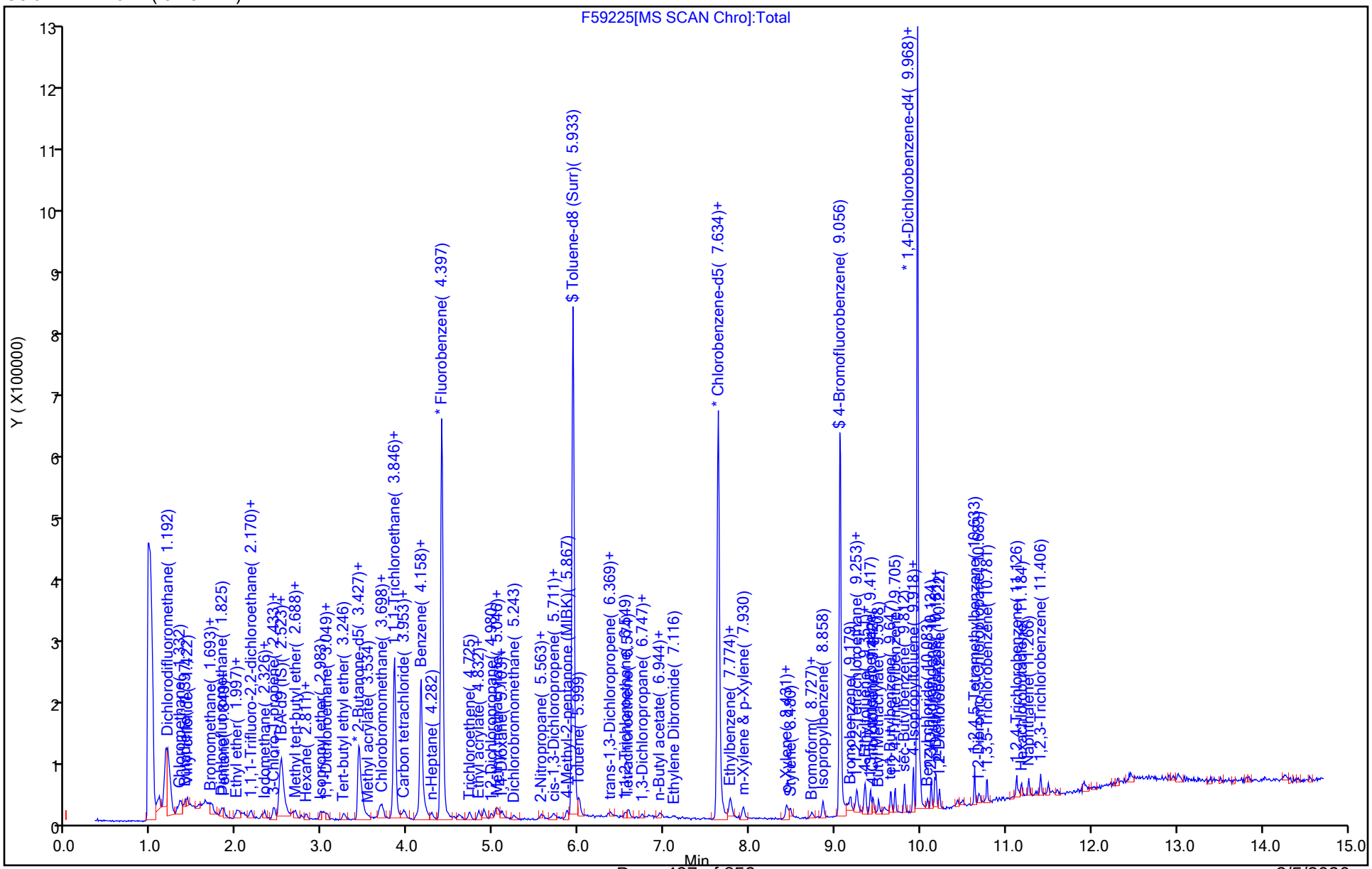
Report Date: 24-Jan-2026 11:05:03 Chrom Revision: 2.3 27-Dec-2025 13:45:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D

Injection Date:	21-Jan-2026 01:02:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



2/5/2026
8:39:33 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

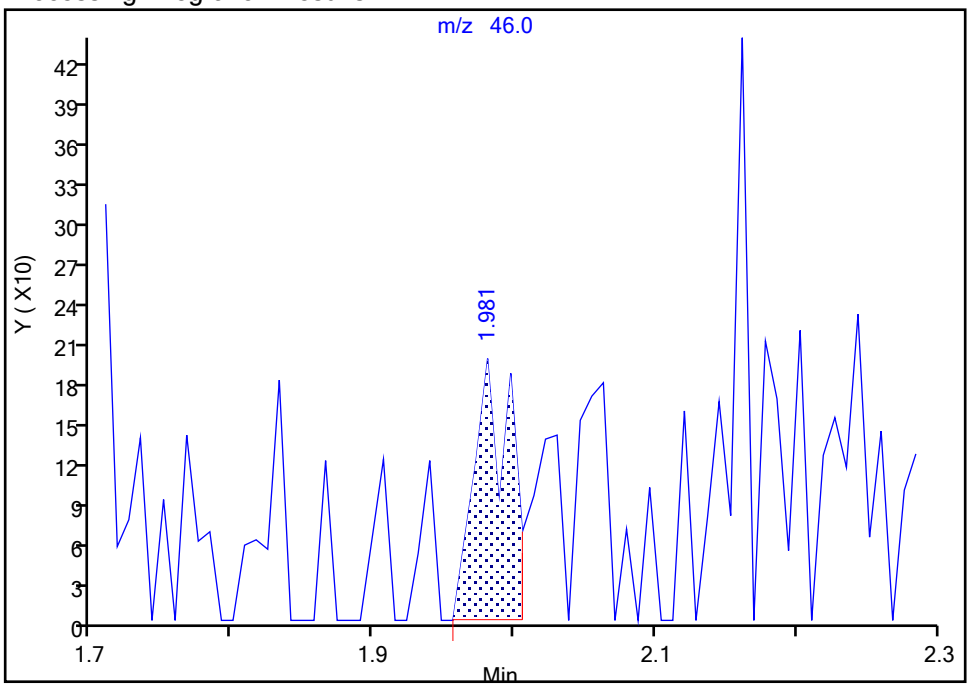
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Ethanol, CAS: 64-17-5

Signal: 1

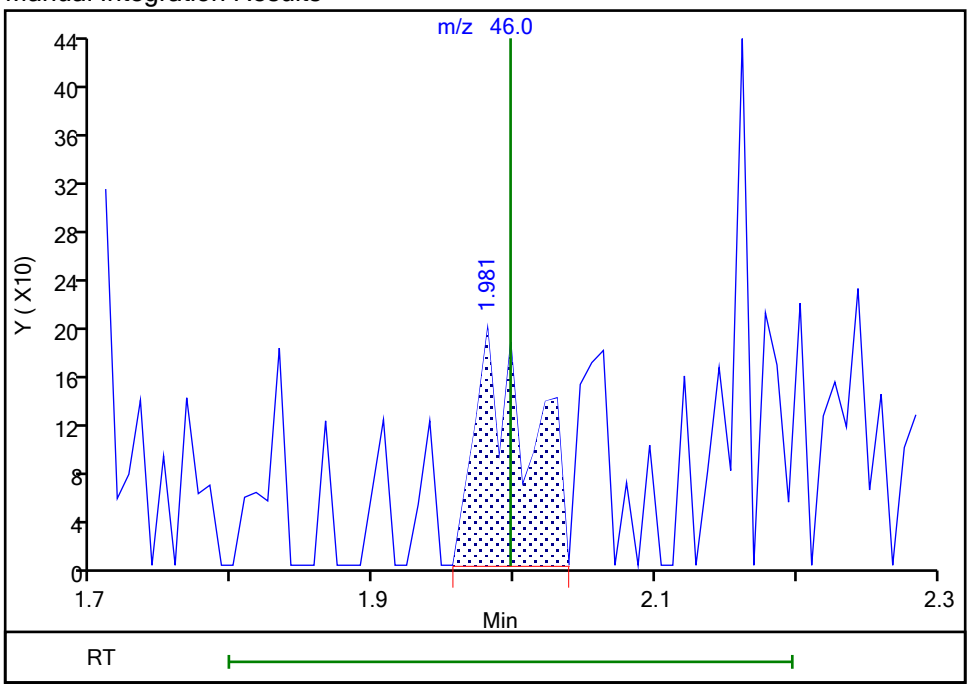
Processing Integration Results

RT: 1.98
Area: 351
Amount: 18.962087
Amount Units: ug/l



Manual Integration Results

RT: 1.98
Area: 531
Amount: 33.182580
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:38:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

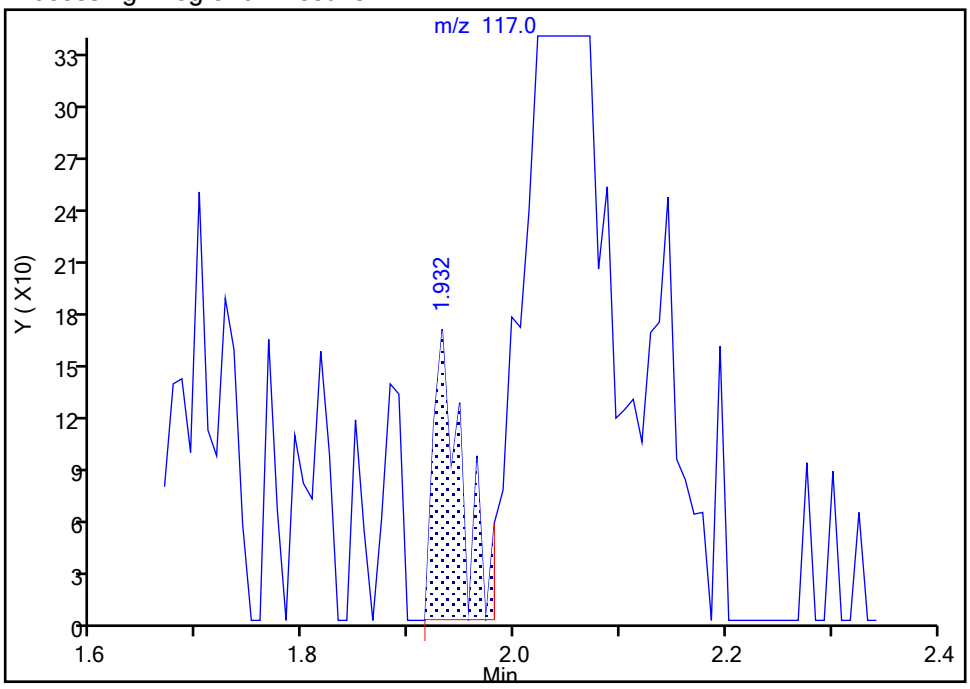
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

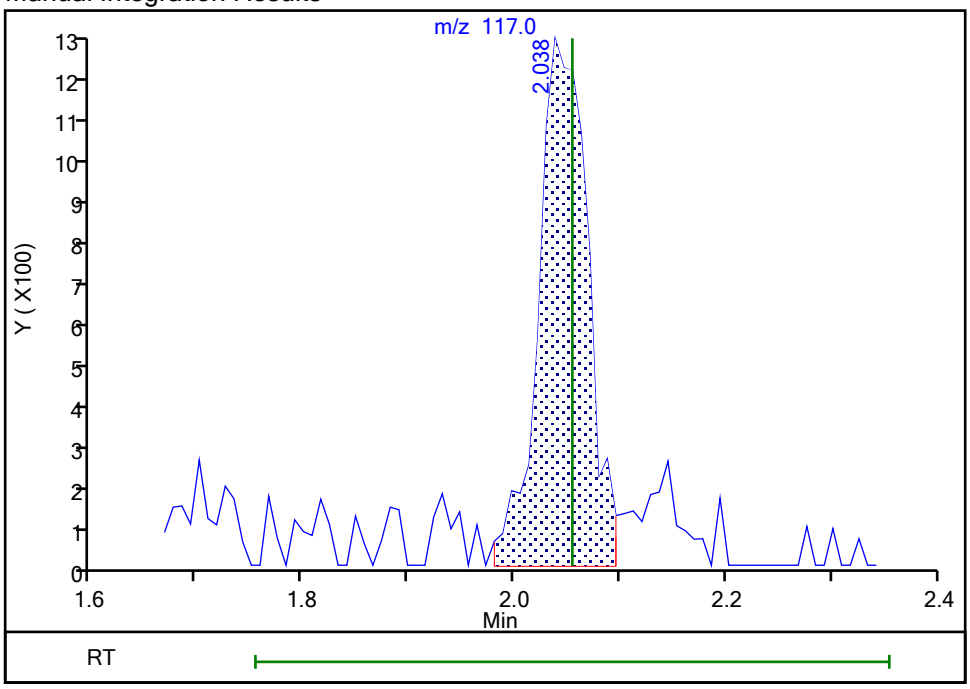
Processing Integration Results

RT: 1.93
Area: 321
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.04
Area: 4073
Amount: 0.903044
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:24:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

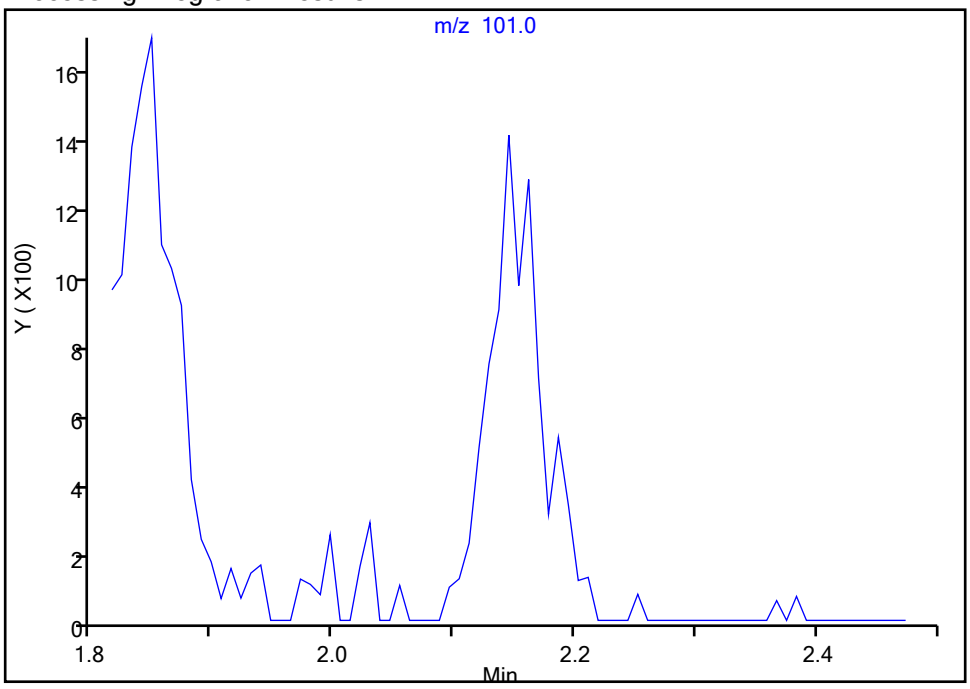
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

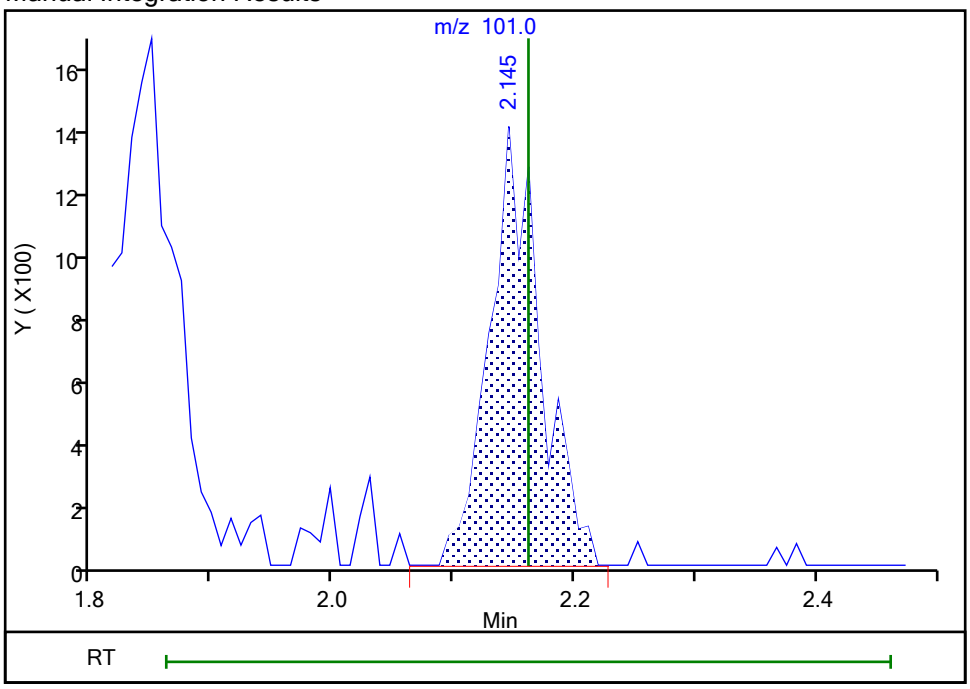
Not Detected
Expected RT: 2.16

Processing Integration Results



Manual Integration Results

RT: 2.15
Area: 4030
Amount: 0.795818
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:21:53 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

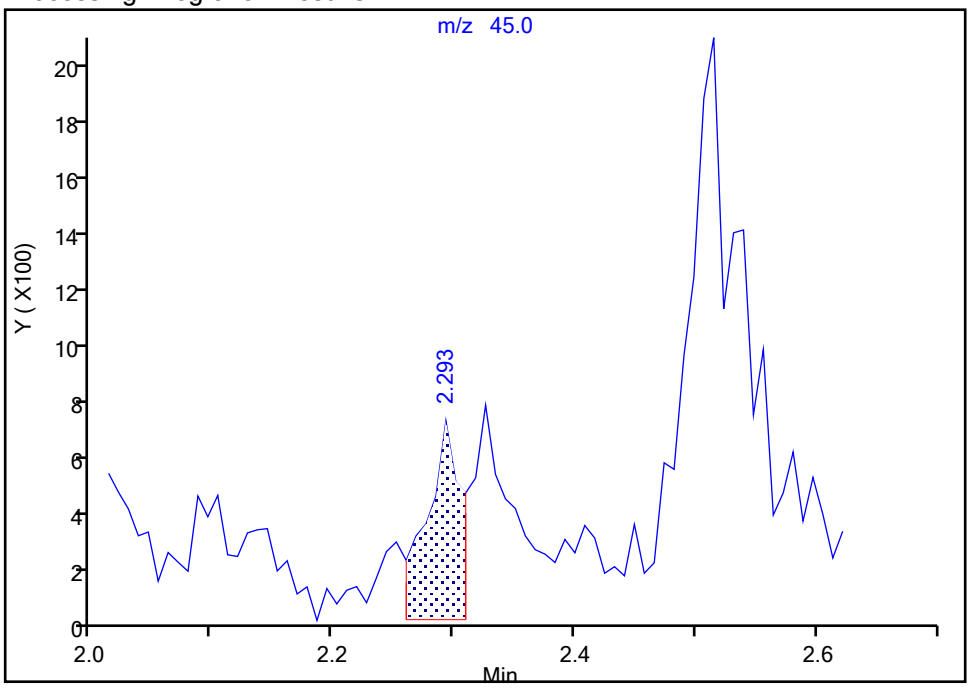
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

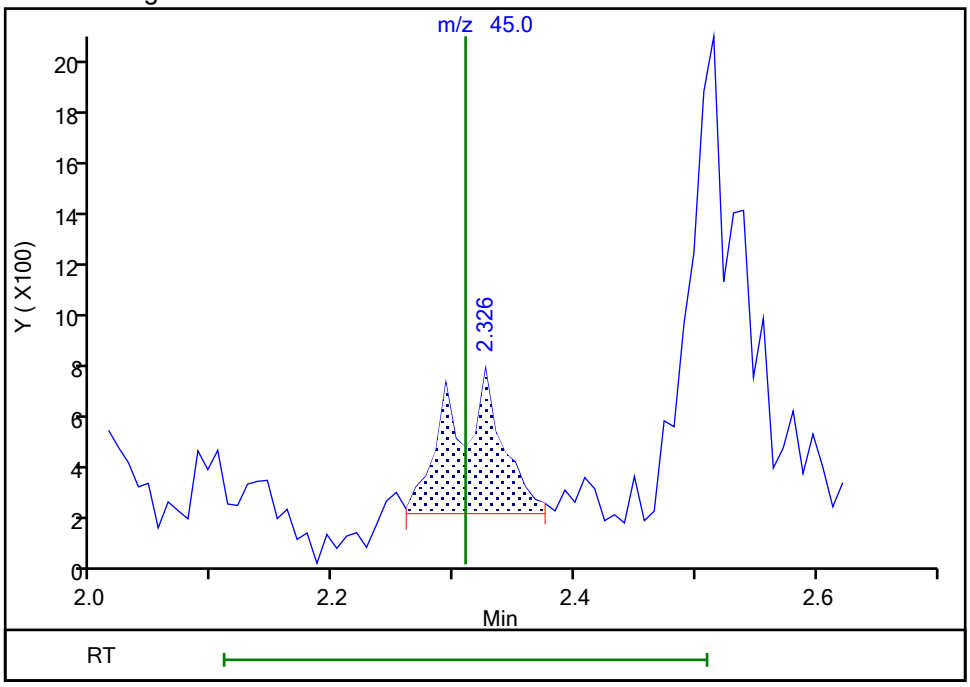
Processing Integration Results

RT: 2.29
Area: 1443
Amount: 8.456632
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 1665
Amount: 9.550561
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:19:43 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

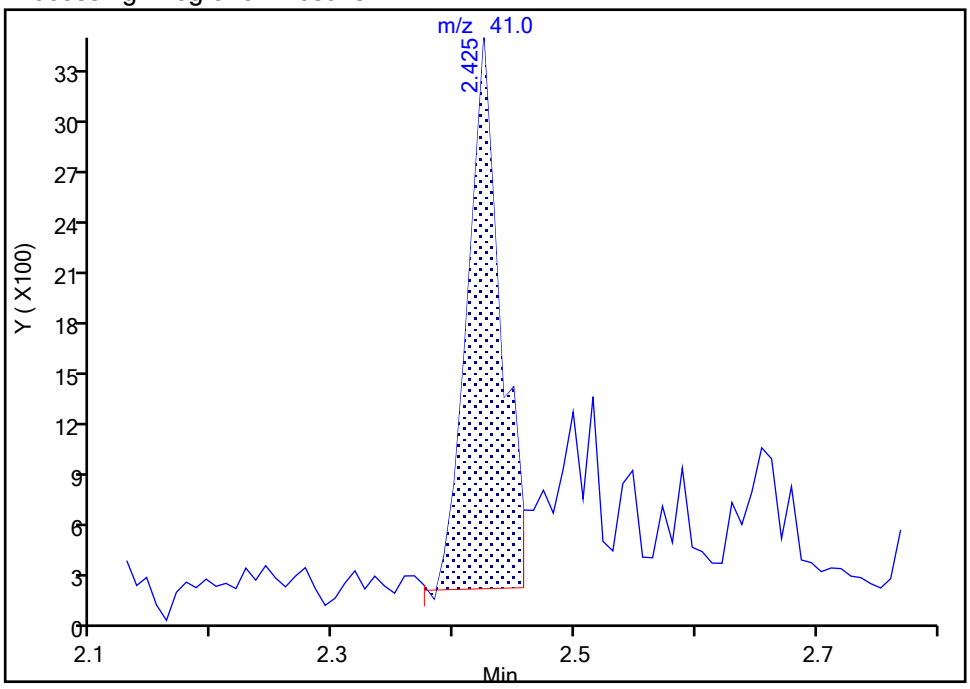
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Acetonitrile, CAS: 75-05-8

Signal: 1

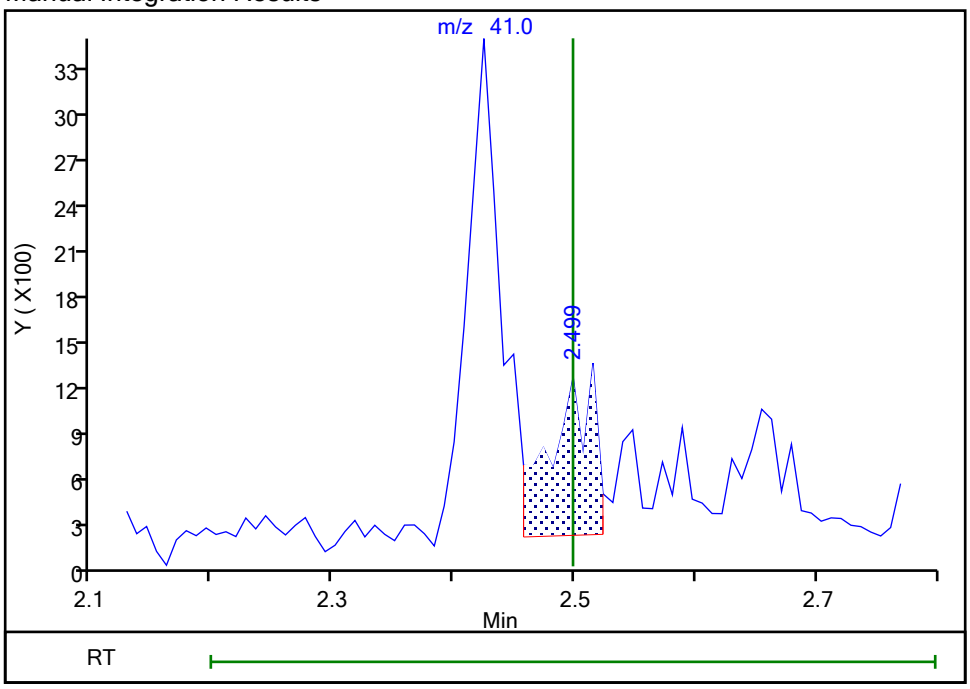
Processing Integration Results

RT: 2.42
Area: 6364
Amount: 12.073245
Amount Units: ug/l



Manual Integration Results

RT: 2.50
Area: 2813
Amount: 6.985541
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:21:15 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

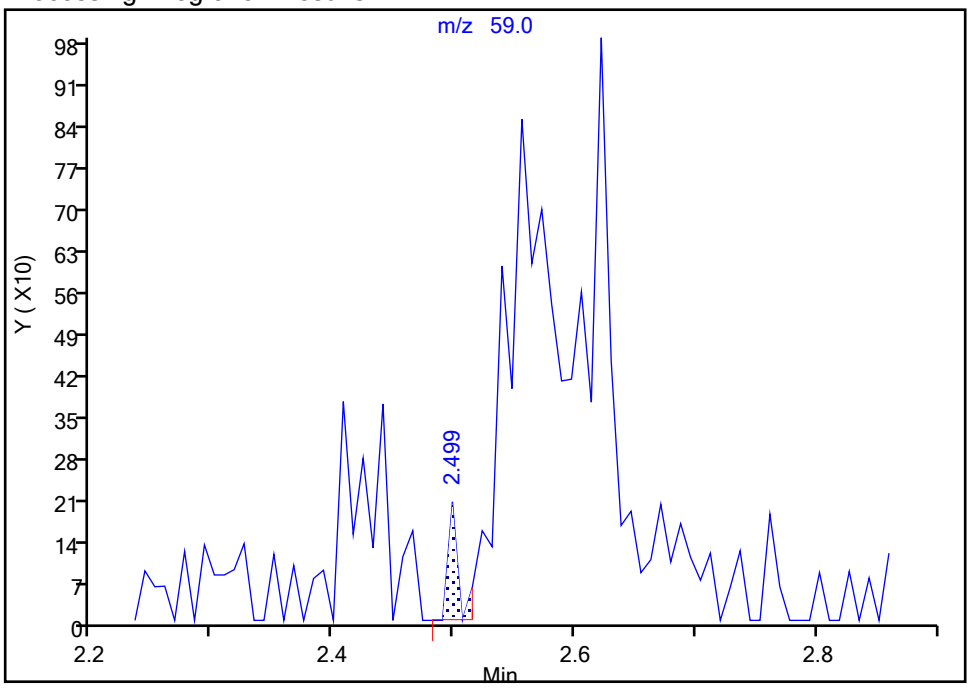
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

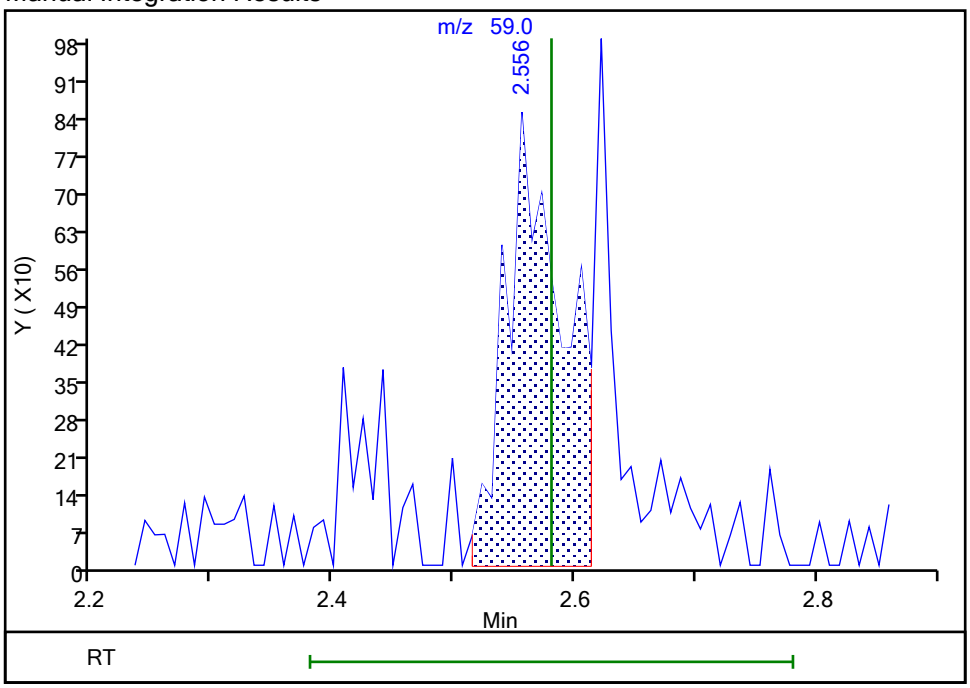
Processing Integration Results

RT: 2.50
Area: 127
Amount: 10.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.56
Area: 2839
Amount: 9.732913
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:22:11 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

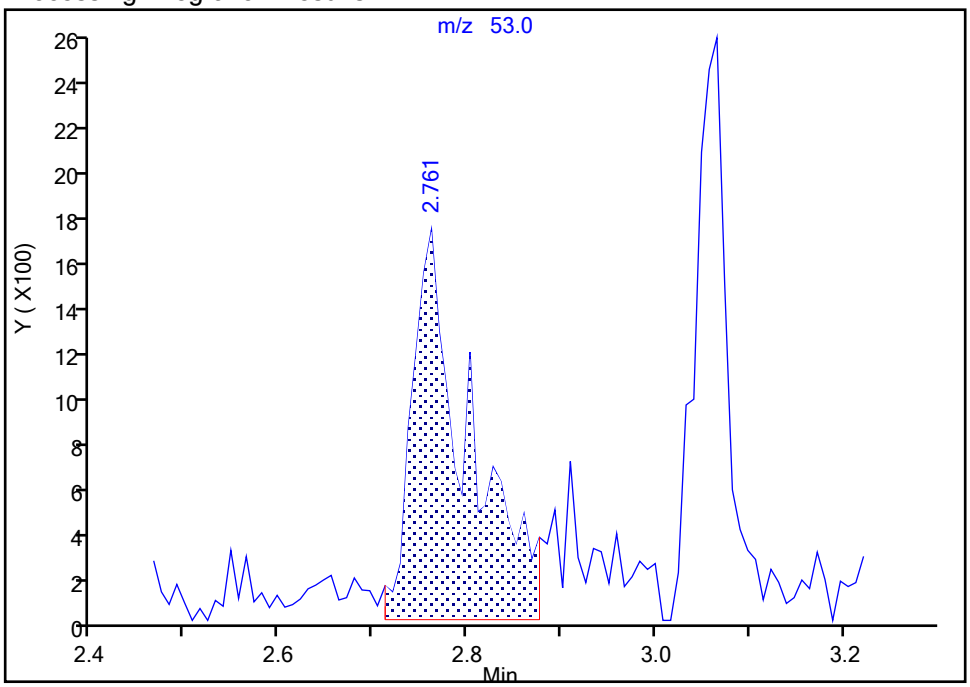
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Acrylonitrile, CAS: 107-13-1

Signal: 1

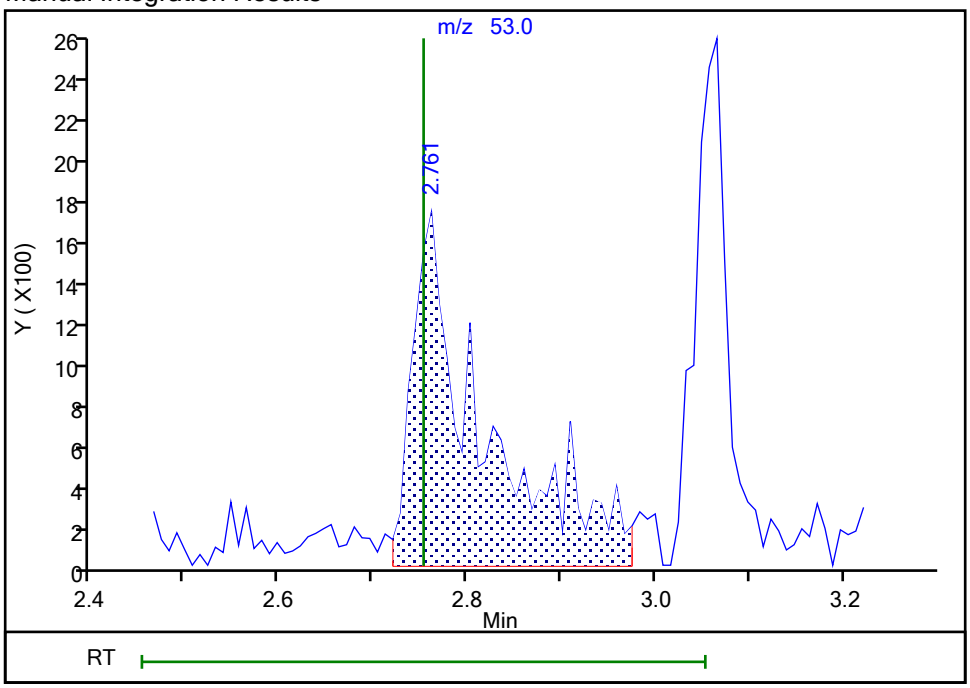
Processing Integration Results

RT: 2.76
Area: 7055
Amount: 6.848383
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 8712
Amount: 8.266896
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:50:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

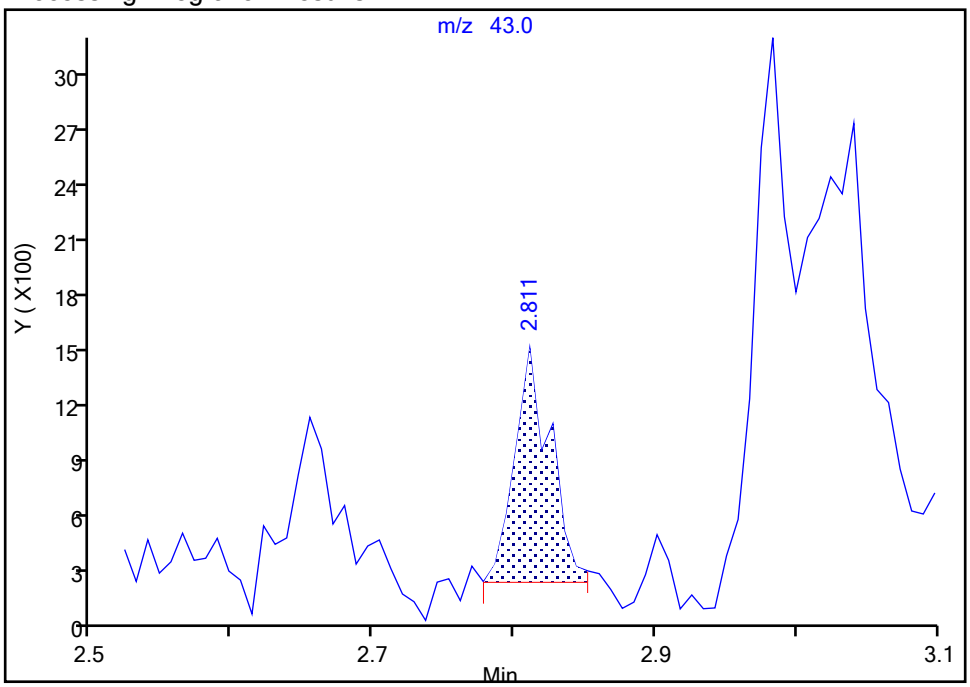
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Hexane, CAS: 110-54-3

Signal: 1

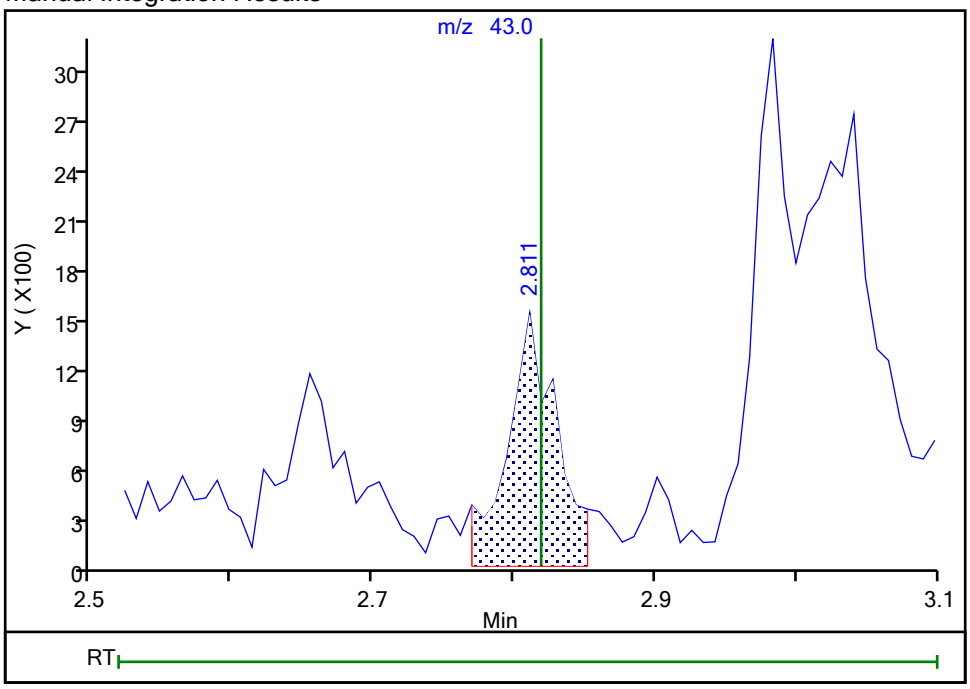
Processing Integration Results

RT: 2.81
Area: 2179
Amount: 0.549911
Amount Units: ug/l



Manual Integration Results

RT: 2.81
Area: 3738
Amount: 0.996621
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:39:14 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

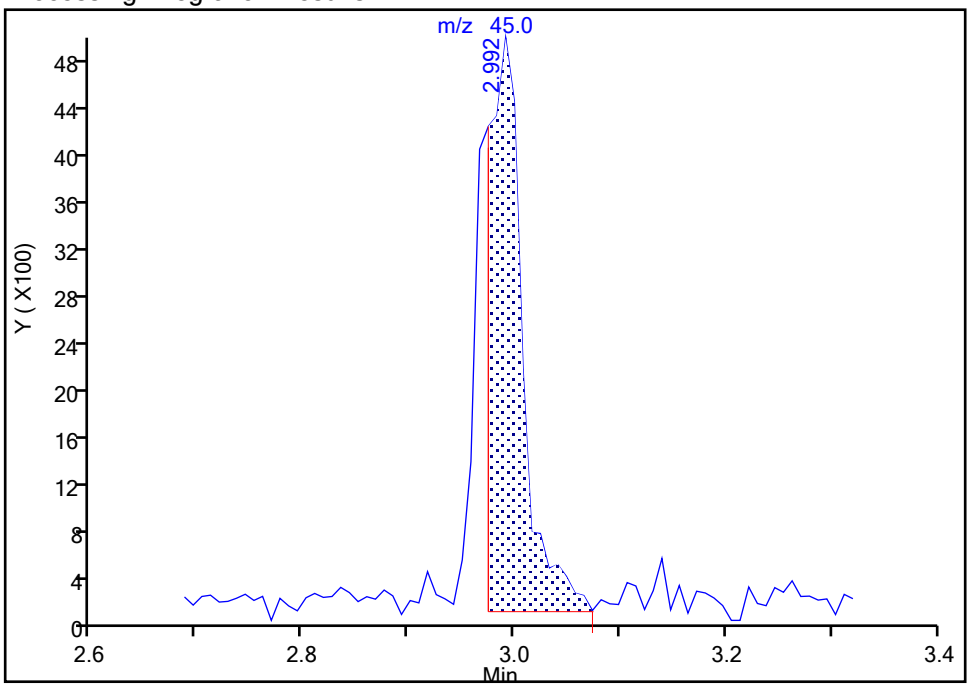
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 Isopropyl ether, CAS: 108-20-3

Signal: 1

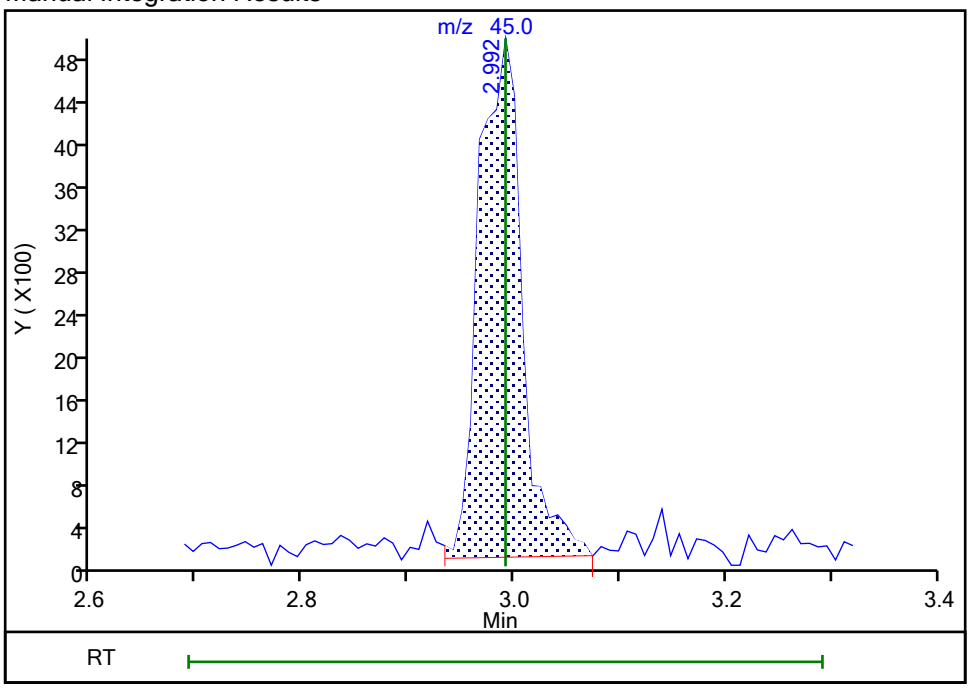
Processing Integration Results

RT: 2.99
Area: 11047
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.99
Area: 14008
Amount: 0.951813
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:22:28 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

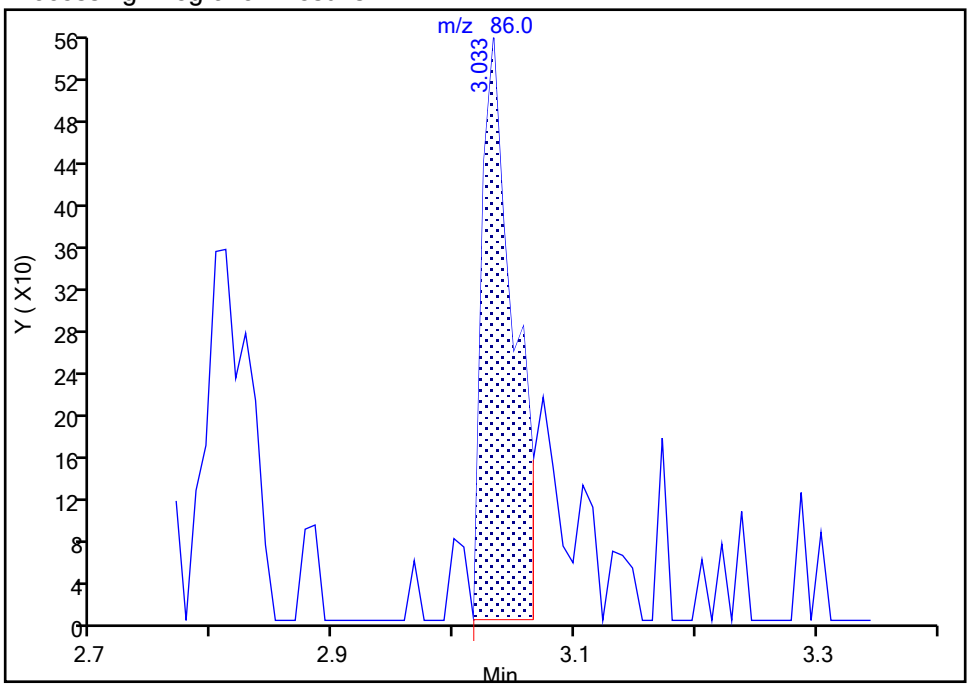
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 Vinyl acetate, CAS: 108-05-4

Signal: 1

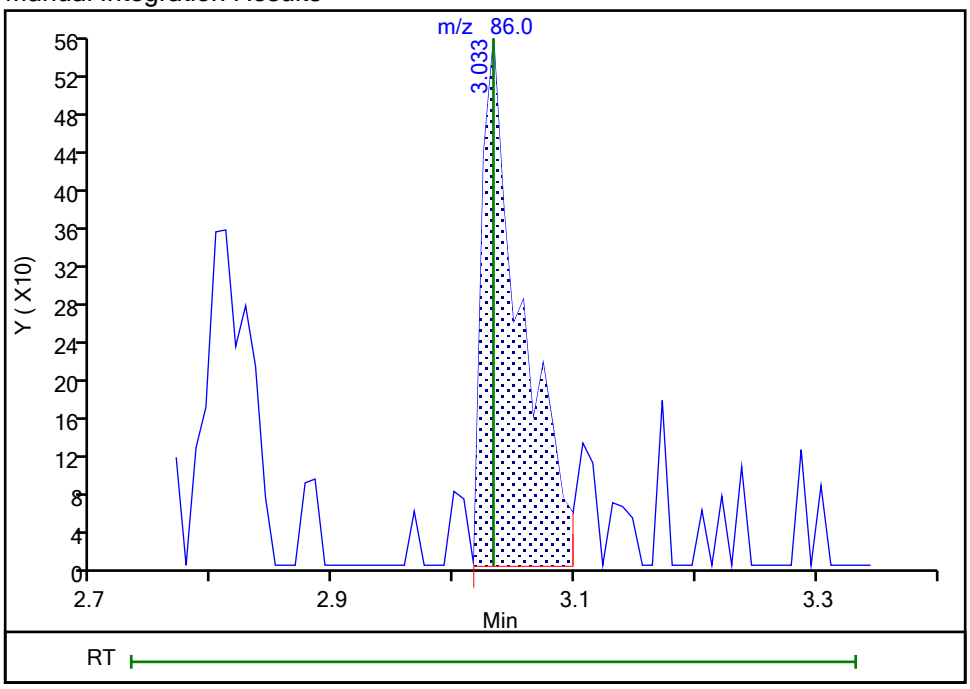
Processing Integration Results

RT: 3.03
Area: 1016
Amount: 1.199713
Amount Units: ug/l



Manual Integration Results

RT: 3.03
Area: 1255
Amount: 1.829688
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:41:05 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

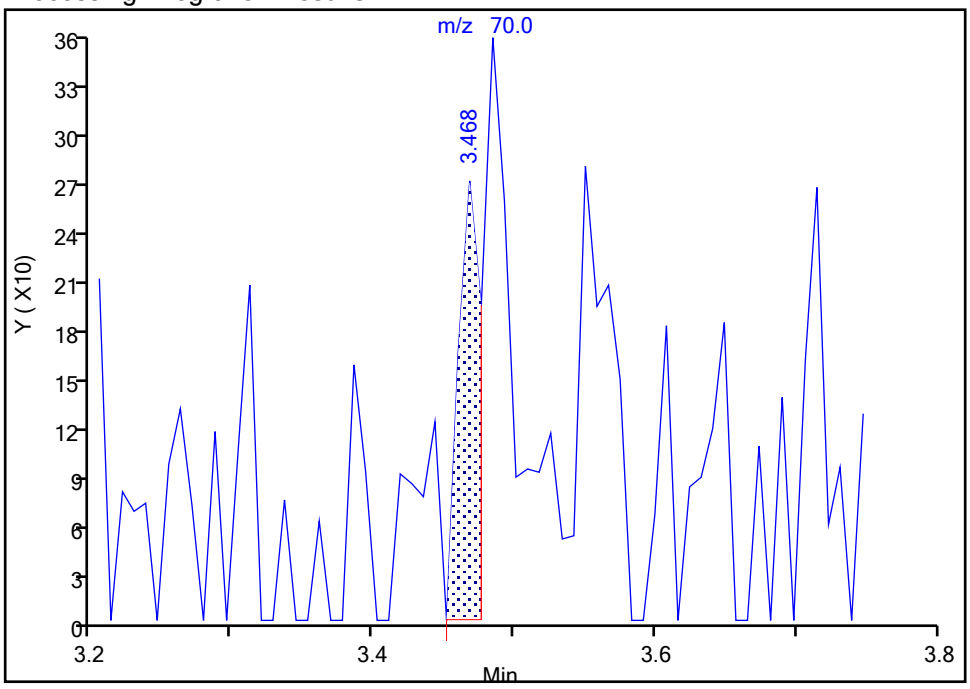
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

40 Ethyl acetate, CAS: 141-78-6

Signal: 1

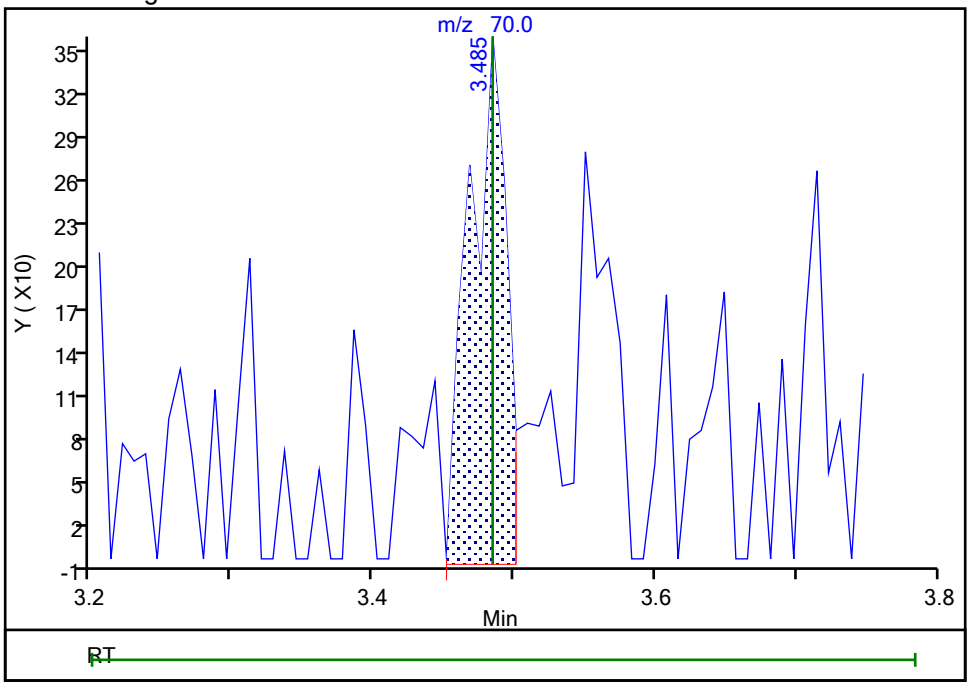
Processing Integration Results

RT: 3.47
Area: 309
Amount: 0.744733
Amount Units: ug/l



Manual Integration Results

RT: 3.48
Area: 667
Amount: 1.926659
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:21:34 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

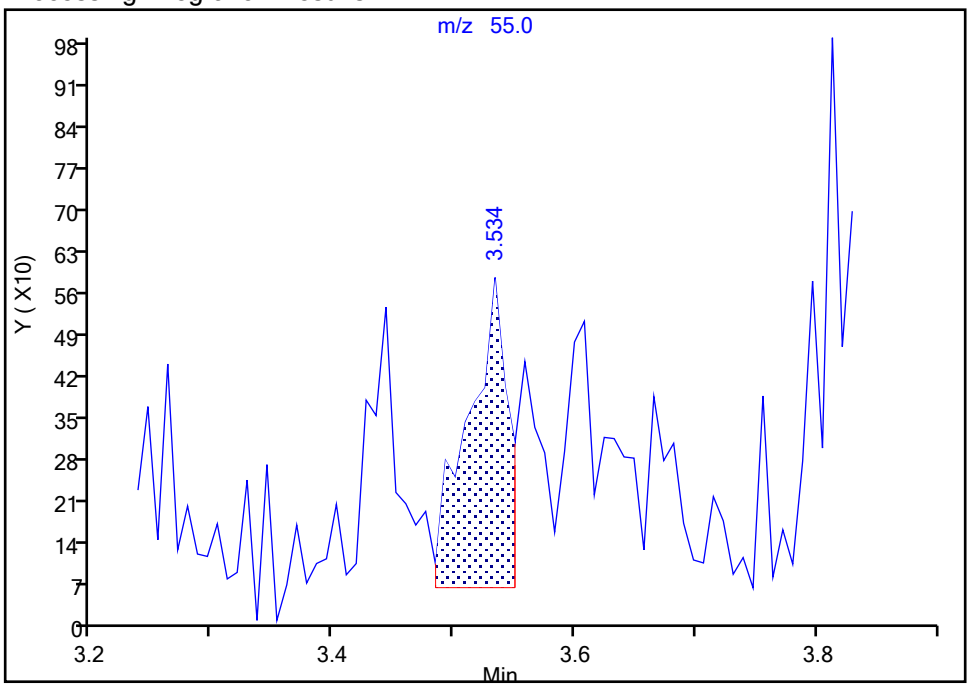
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Signal: 1

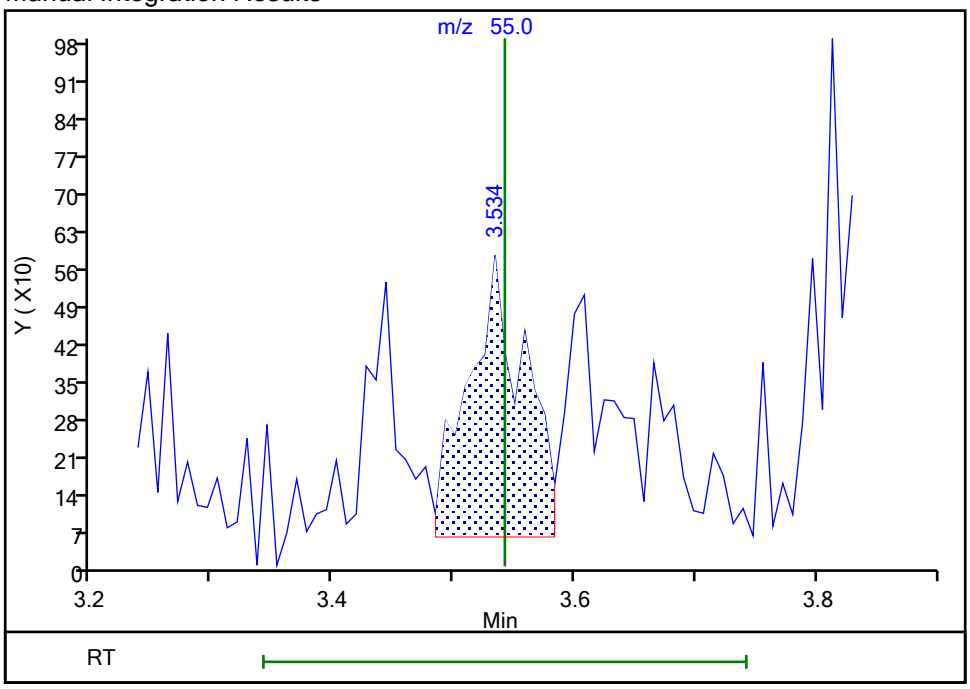
Processing Integration Results

RT: 3.53
Area: 1217
Amount: 0.465887
Amount Units: ug/l



Manual Integration Results

RT: 3.53
Area: 1724
Amount: 0.819539
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:21:49 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

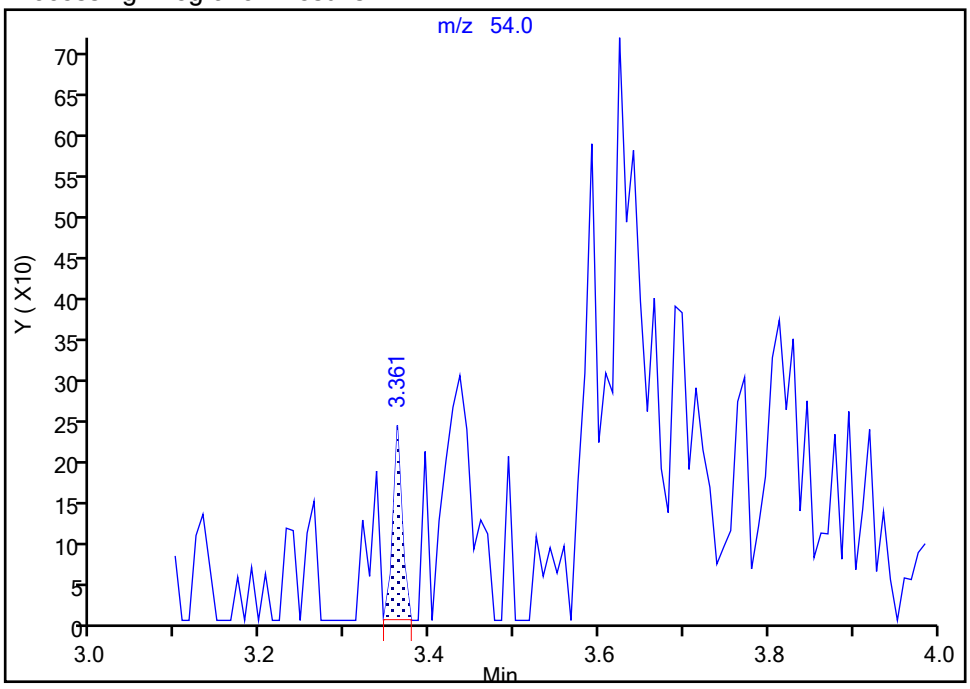
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

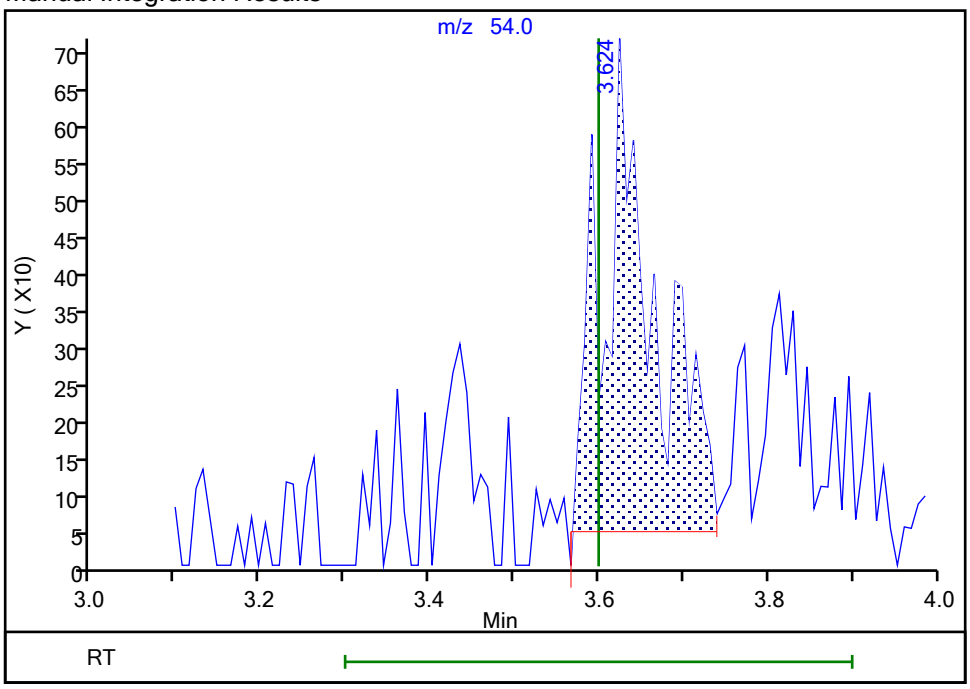
Processing Integration Results

RT: 3.36
Area: 181
Amount: 0.511977
Amount Units: ug/l



Manual Integration Results

RT: 3.62
Area: 2777
Amount: 7.392257
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:22:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

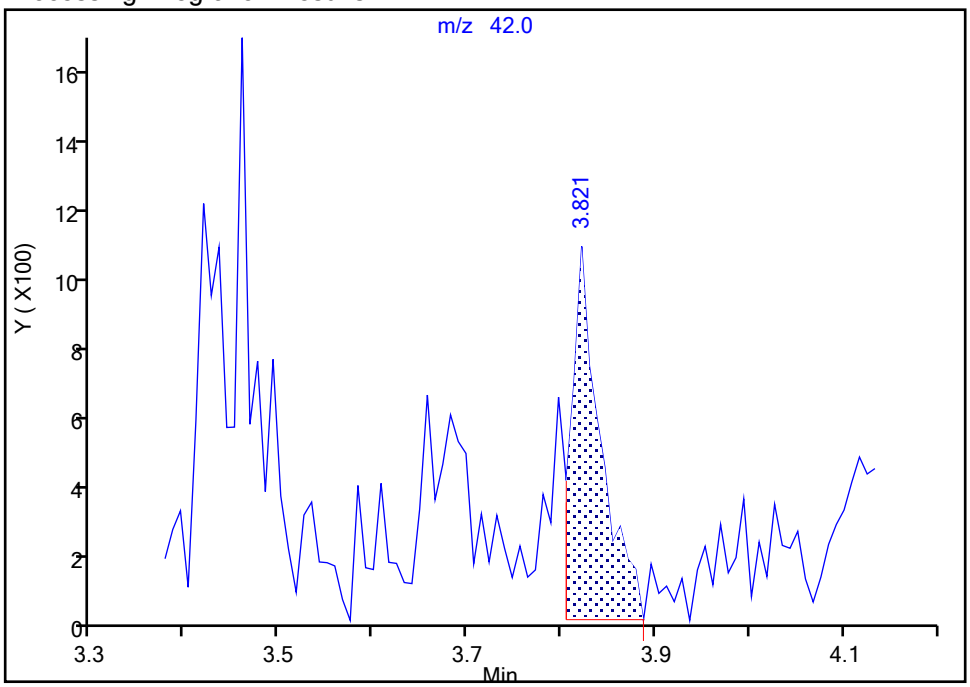
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

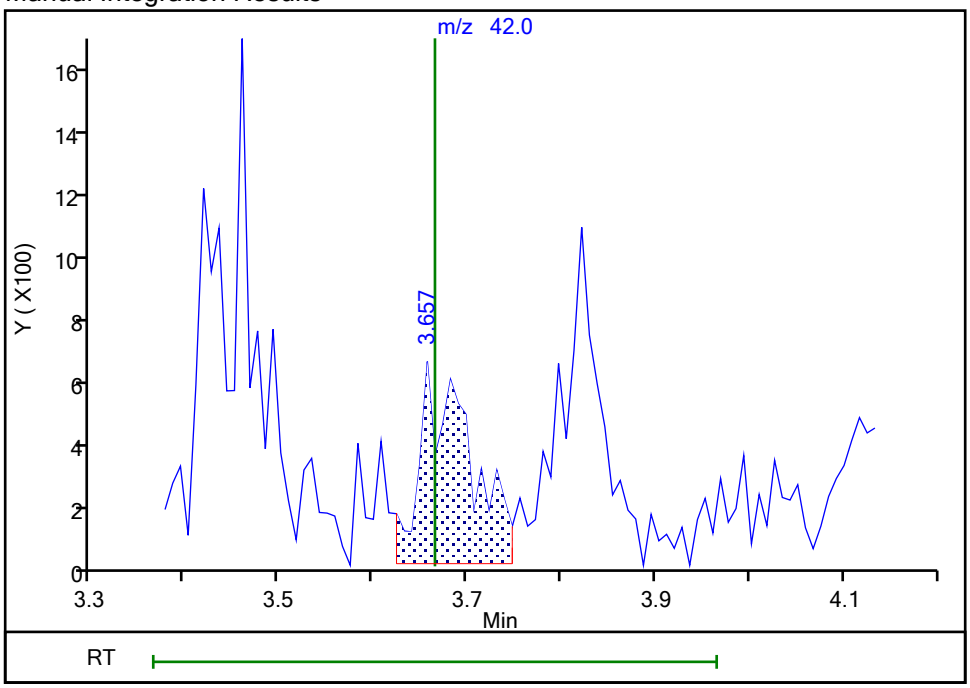
Processing Integration Results

RT: 3.82
Area: 2248
Amount: 2.215370
Amount Units: ug/l



Manual Integration Results

RT: 3.66
Area: 2360
Amount: 2.088940
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:22:28 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

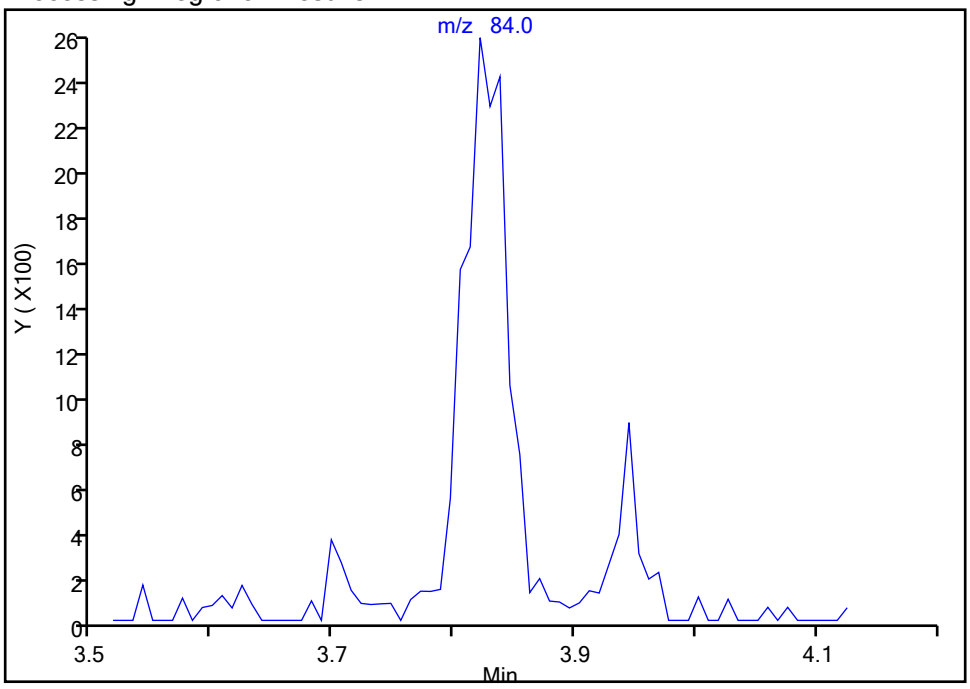
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Cyclohexane, CAS: 110-82-7

Signal: 1

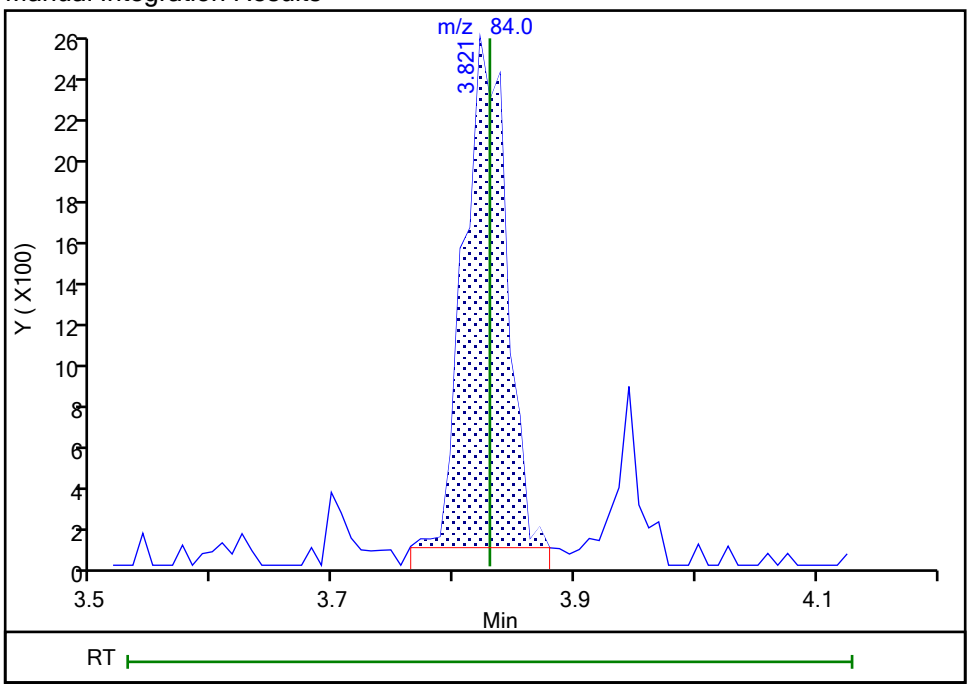
Not Detected
Expected RT: 3.83

Processing Integration Results



Manual Integration Results

RT: 3.82
Area: 6004
Amount: 0.747940
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:22:53 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

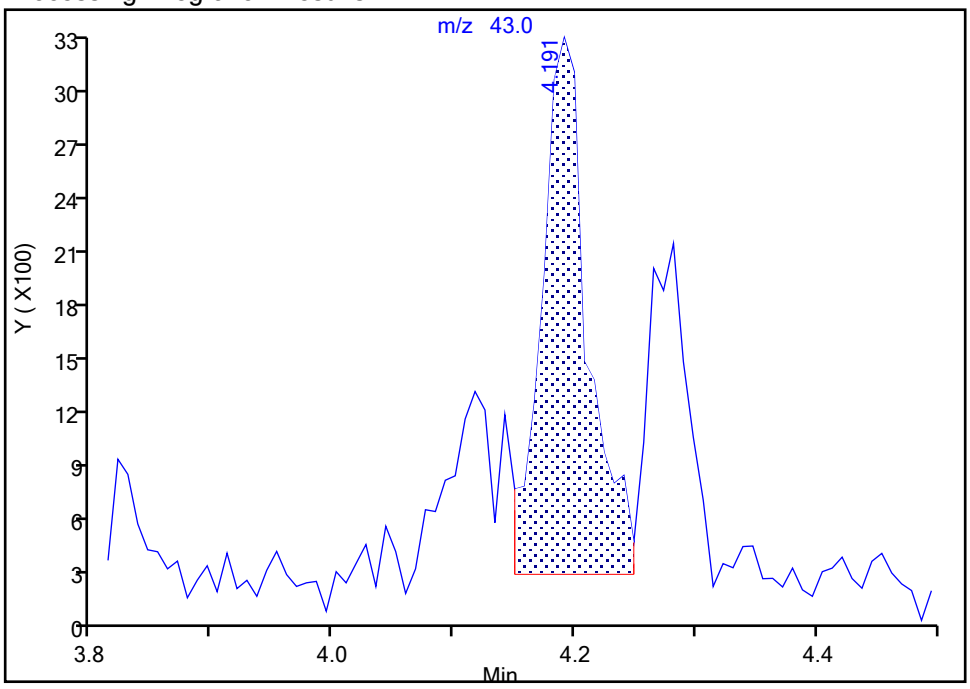
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

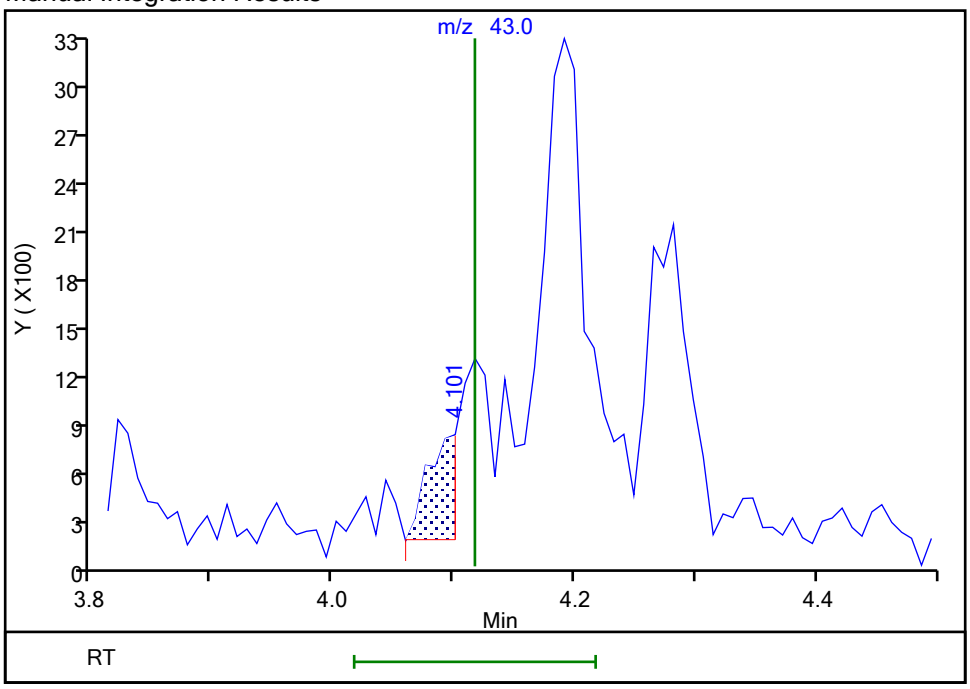
Processing Integration Results

RT: 4.19
Area: 8028
Amount: 43.624581
Amount Units: ug/l



Manual Integration Results

RT: 4.10
Area: 1156
Amount: 10.766154
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:32:24 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

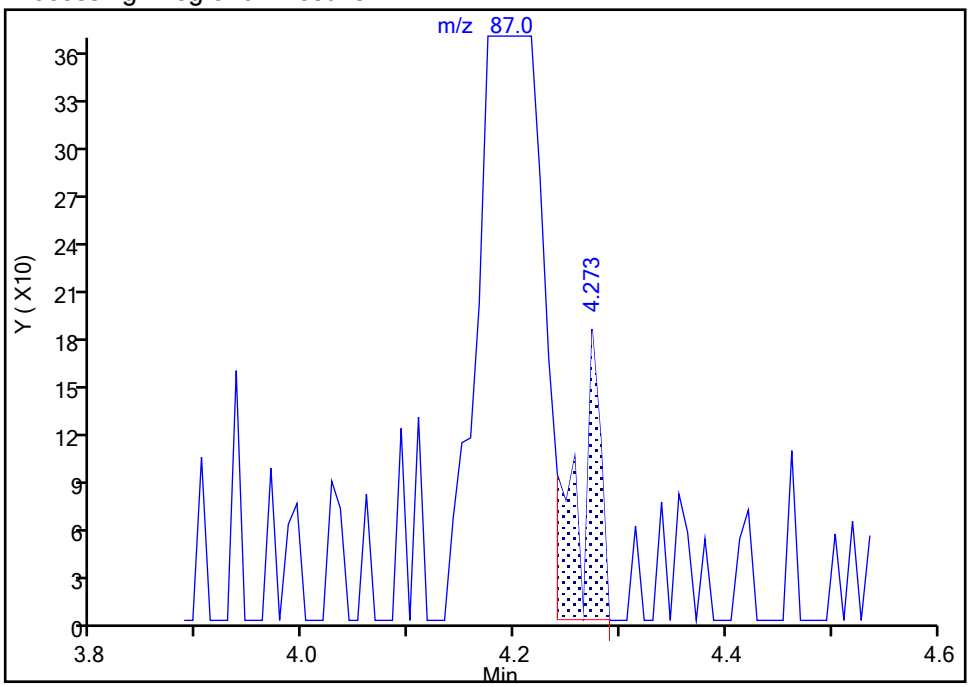
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 Isopropyl acetate, CAS: 108-21-4

Signal: 1

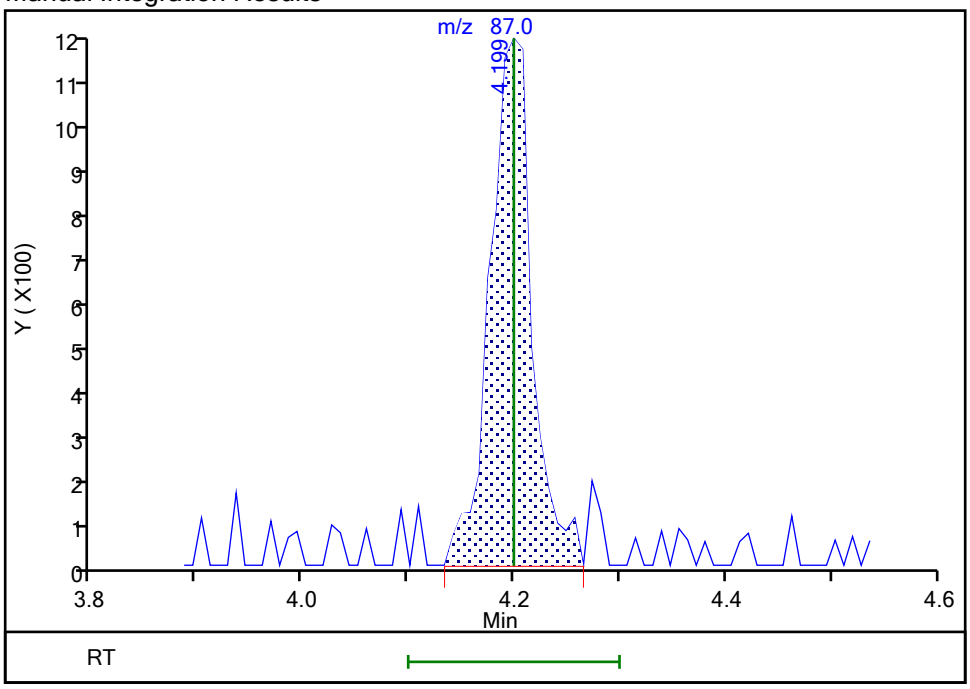
Processing Integration Results

RT: 4.27
Area: 278
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 4.20
Area: 3155
Amount: 0.819065
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:23:03 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

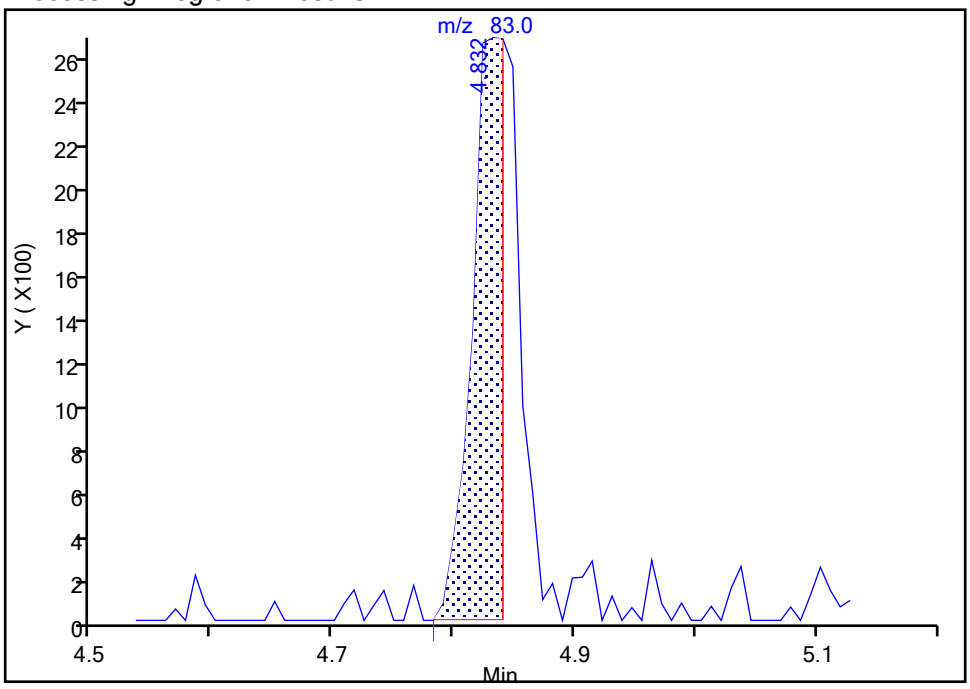
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 Methylcyclohexane, CAS: 108-87-2

Signal: 1

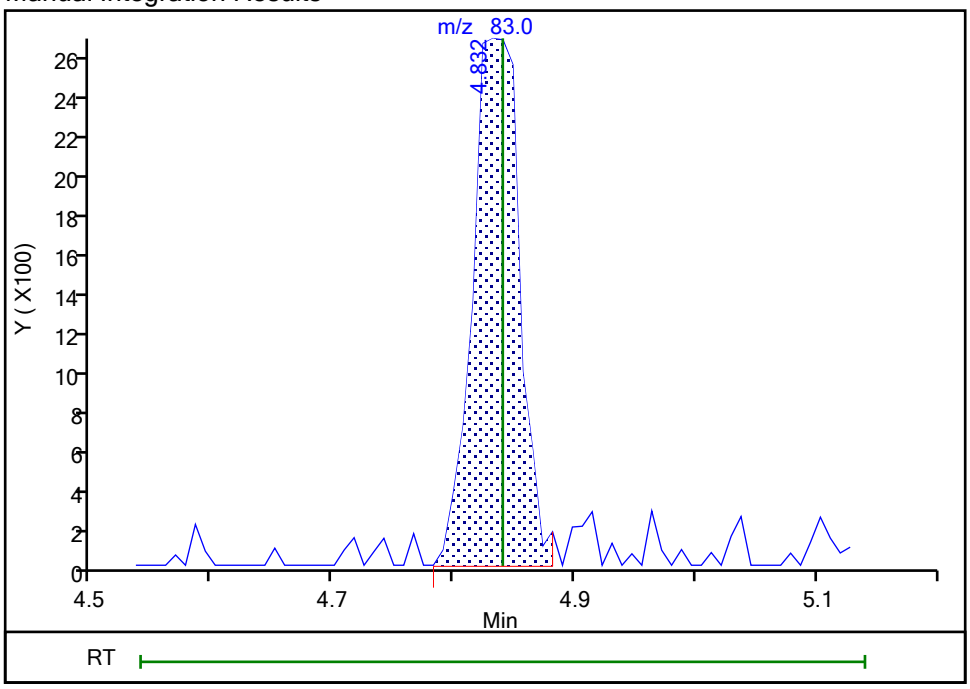
Processing Integration Results

RT: 4.83
Area: 5061
Amount: 0.521648
Amount Units: ug/l



Manual Integration Results

RT: 4.83
Area: 7171
Amount: 0.792124
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:22:57 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

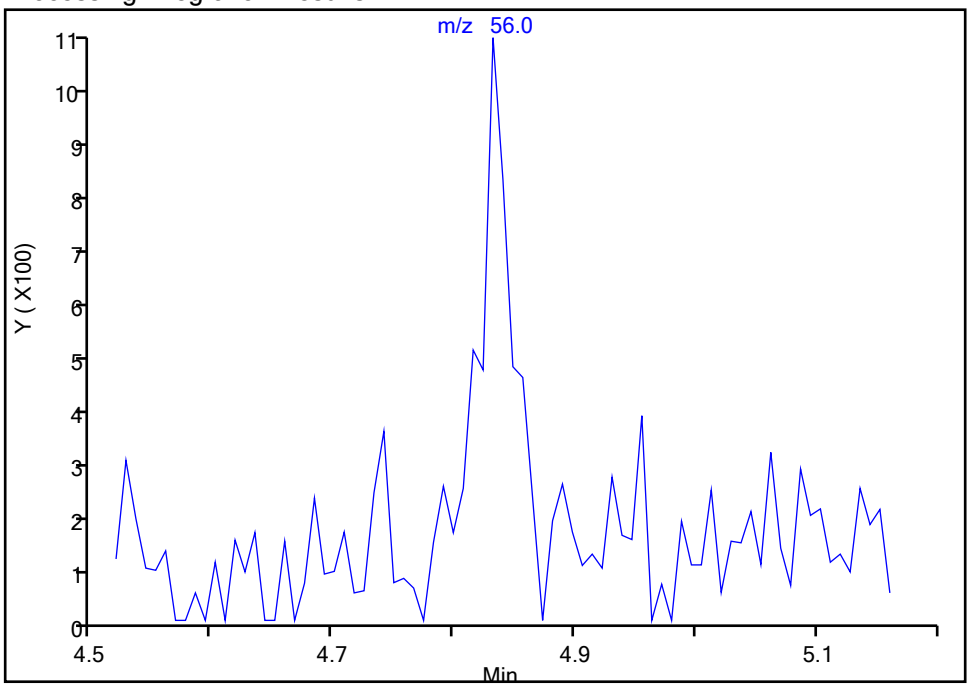
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 n-Butanol, CAS: 71-36-3

Signal: 1

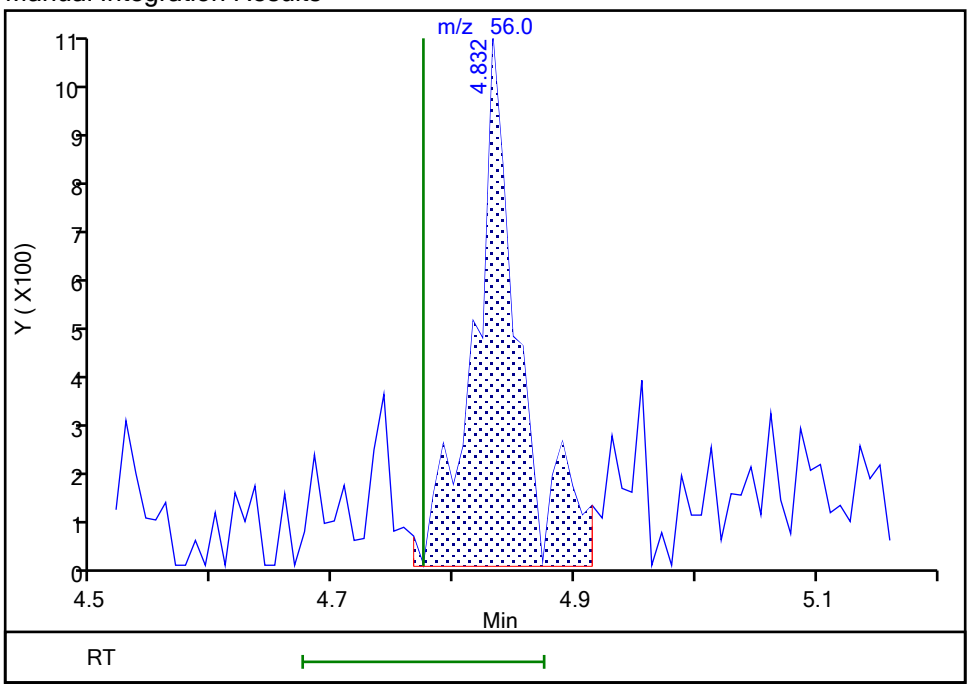
Not Detected
Expected RT: 4.77

Processing Integration Results



Manual Integration Results

RT: 4.83
Area: 2812
Amount: 53.346232
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:33:55 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

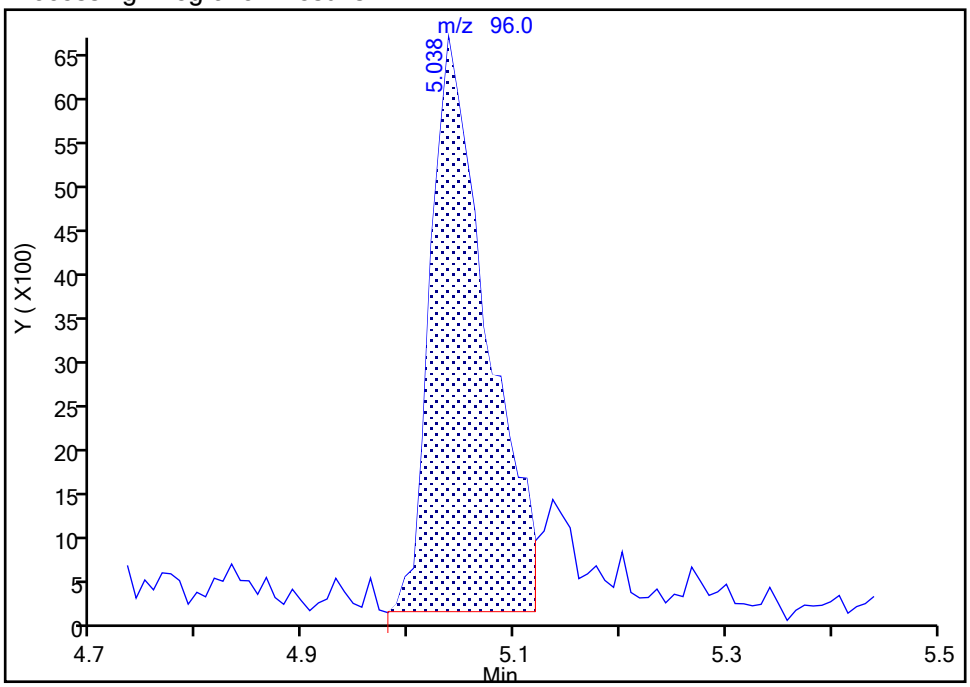
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

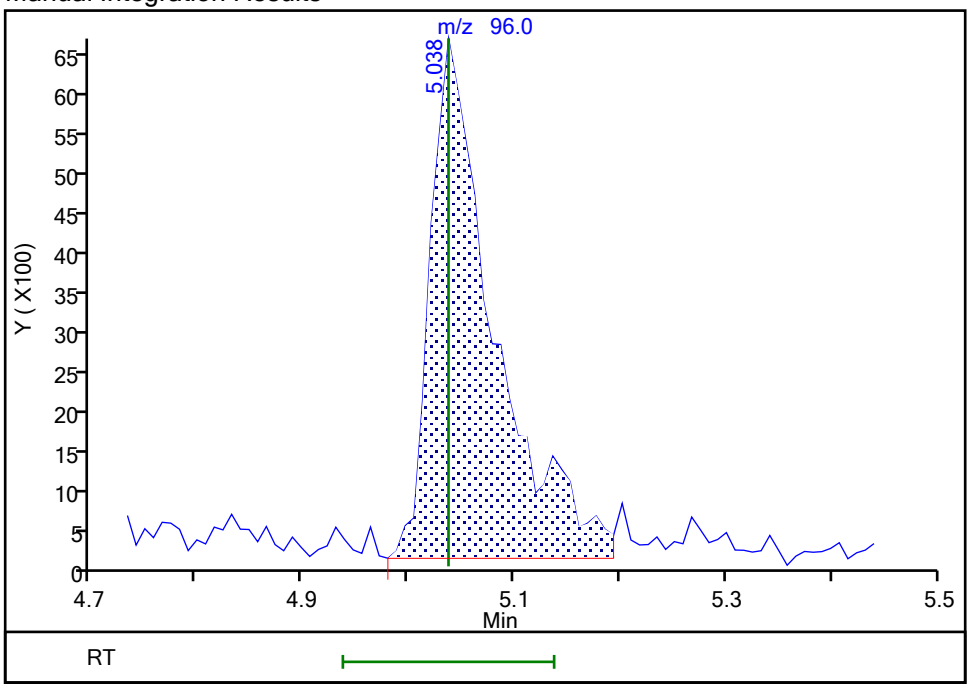
Processing Integration Results

RT: 5.04
Area: 24445
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.04
Area: 27589
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:18:40 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

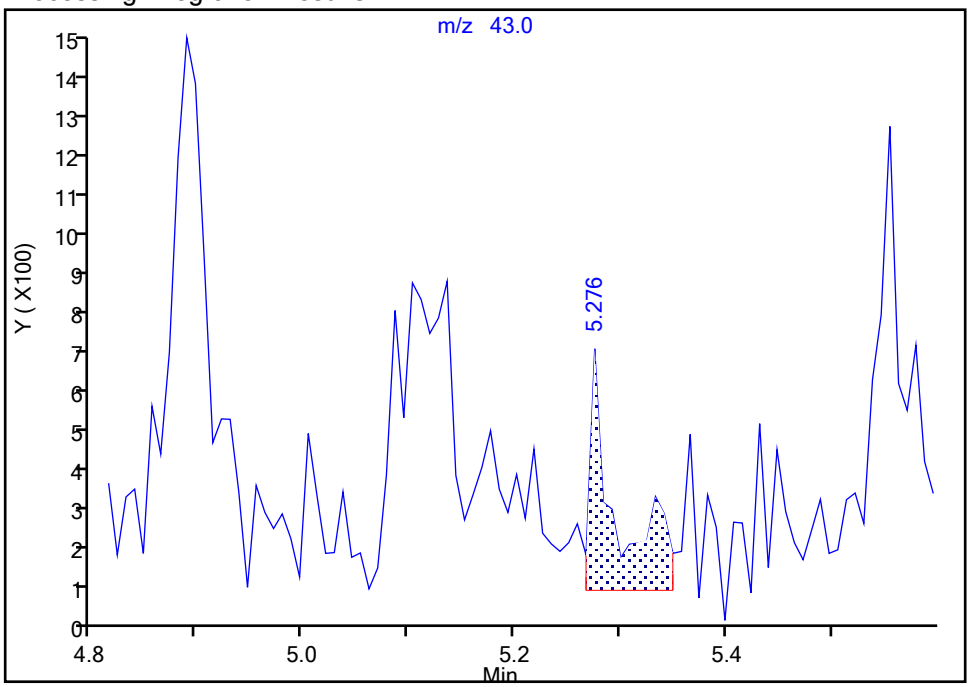
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 n-Propyl acetate, CAS: 109-60-4

Signal: 1

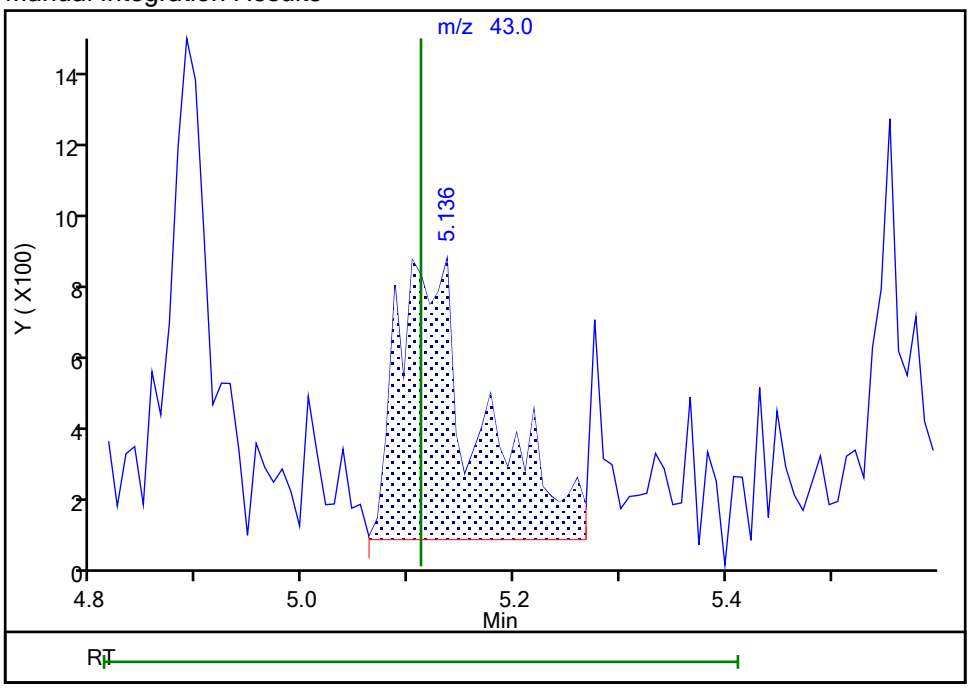
Processing Integration Results

RT: 5.28
Area: 1049
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 5.14
Area: 4271
Amount: 1.011793
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:23:20 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

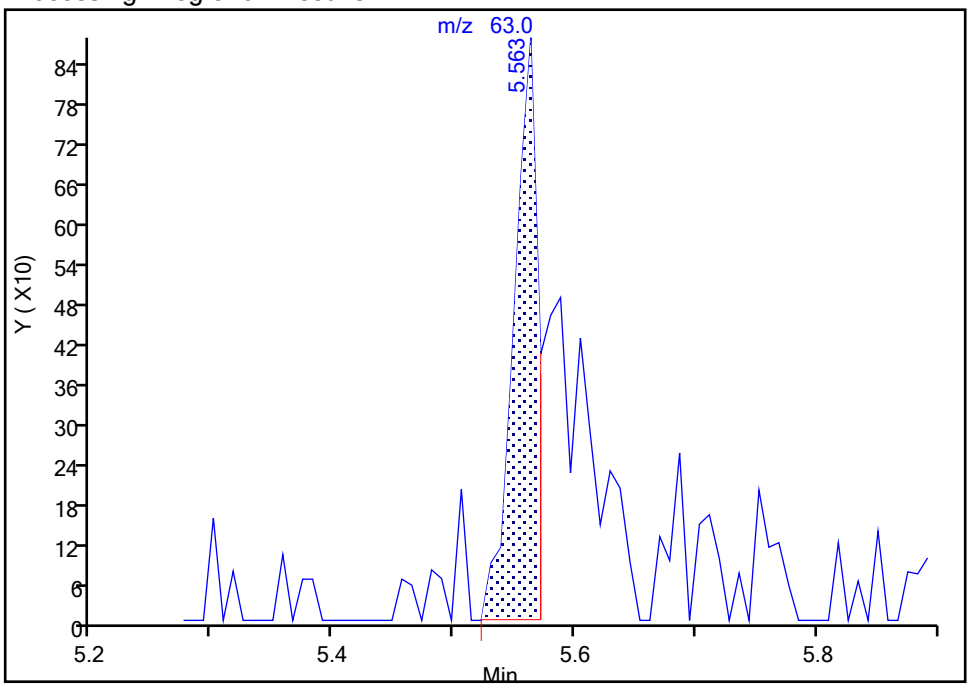
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

73 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

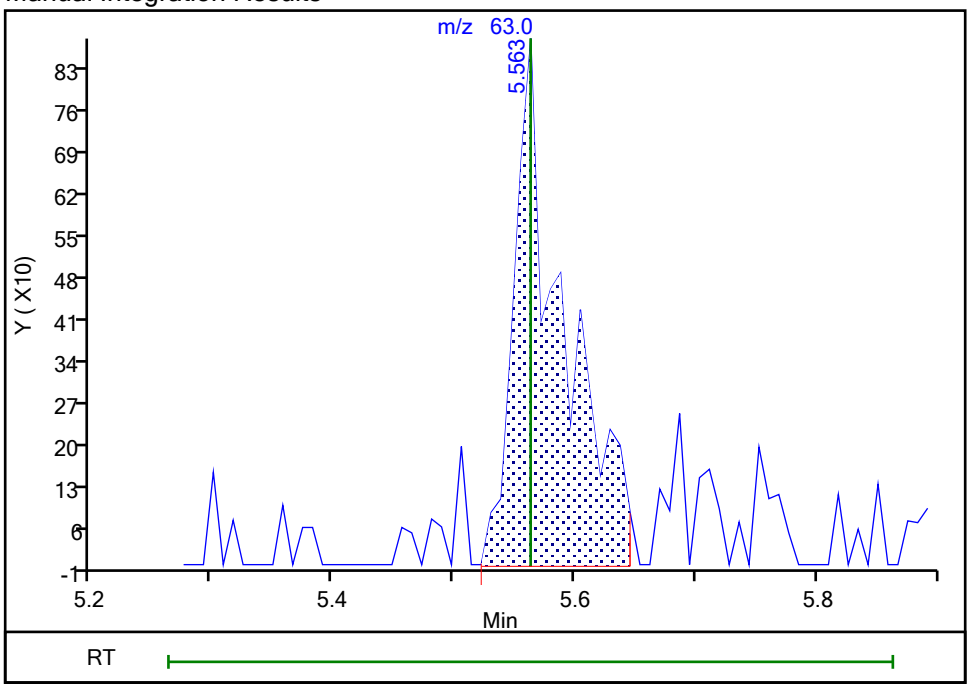
Processing Integration Results

RT: 5.56
Area: 1237
Amount: 0.451057
Amount Units: ug/l



Manual Integration Results

RT: 5.56
Area: 2491
Amount: 1.033194
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:23:22 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

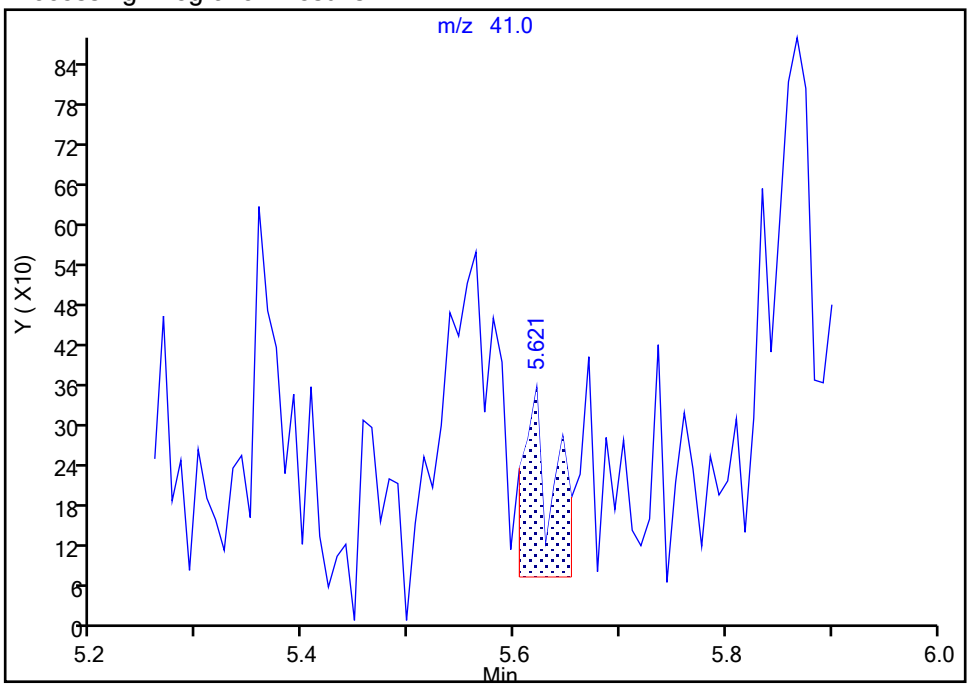
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

74 2-Nitropropane, CAS: 79-46-9

Signal: 1

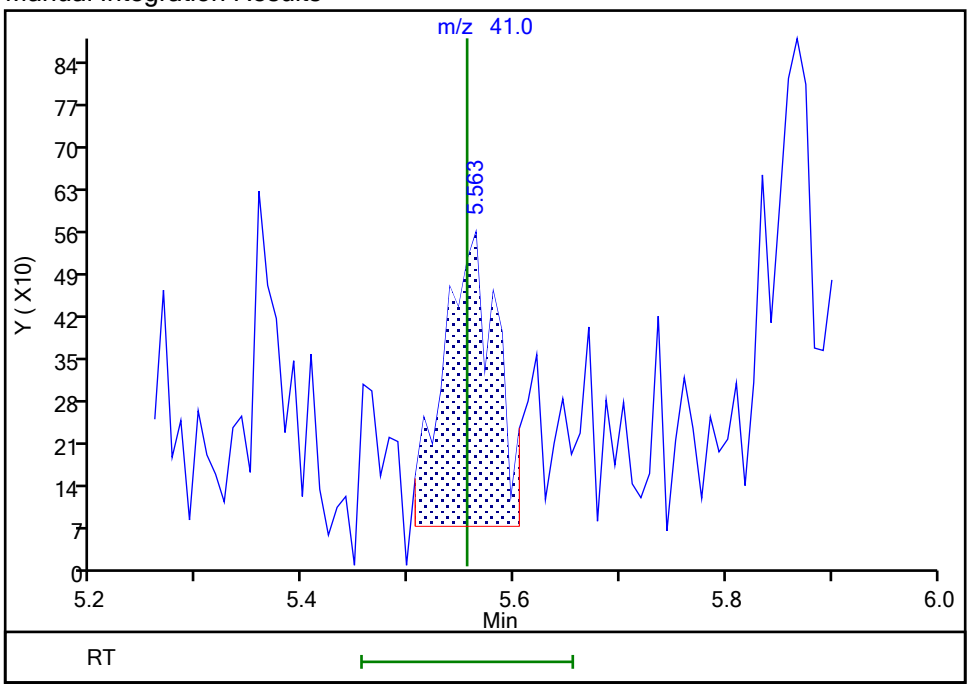
Processing Integration Results

RT: 5.62
Area: 579
Amount: 0.921954
Amount Units: ug/l



Manual Integration Results

RT: 5.56
Area: 1711
Amount: 2.368668
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:36:19 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

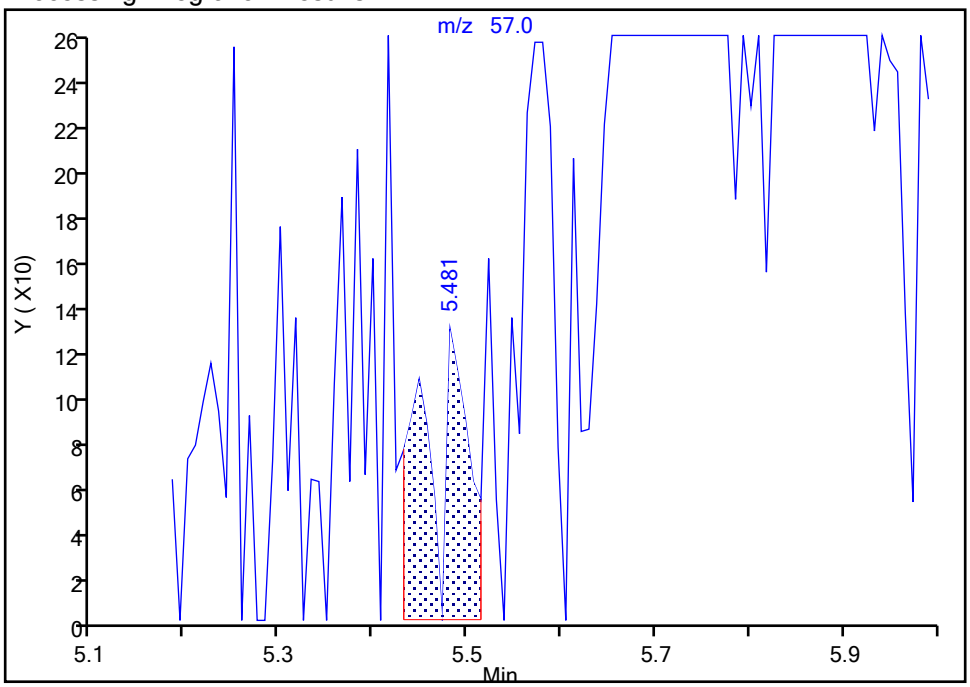
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 Epichlorohydrin, CAS: 106-89-8

Signal: 1

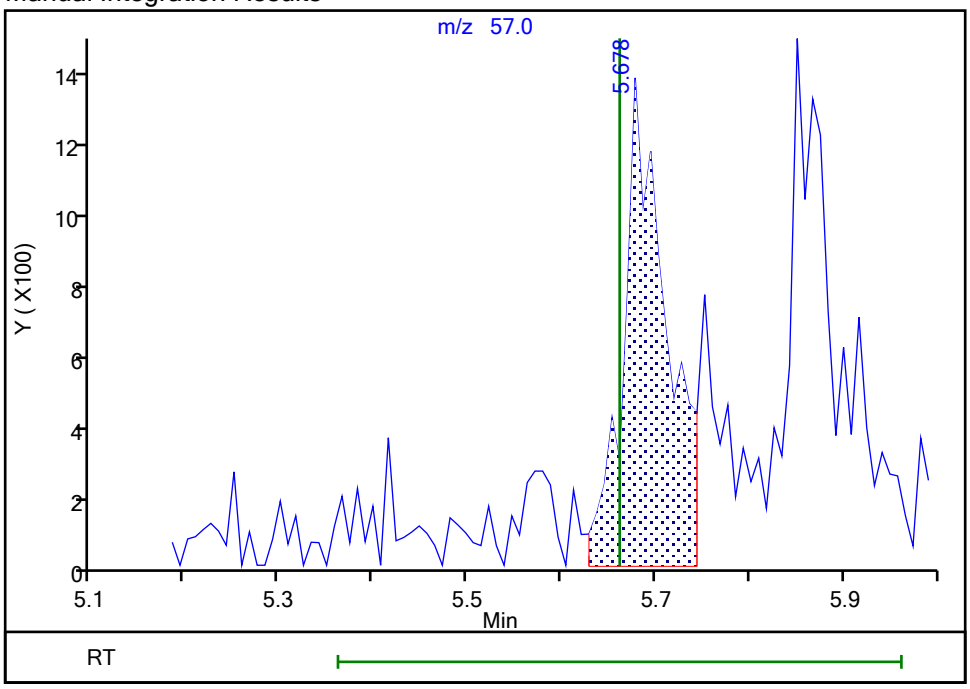
Processing Integration Results

RT: 5.48
Area: 419
Amount: 1.826446
Amount Units: ug/l



Manual Integration Results

RT: 5.68
Area: 4209
Amount: 11.771610
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:37:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

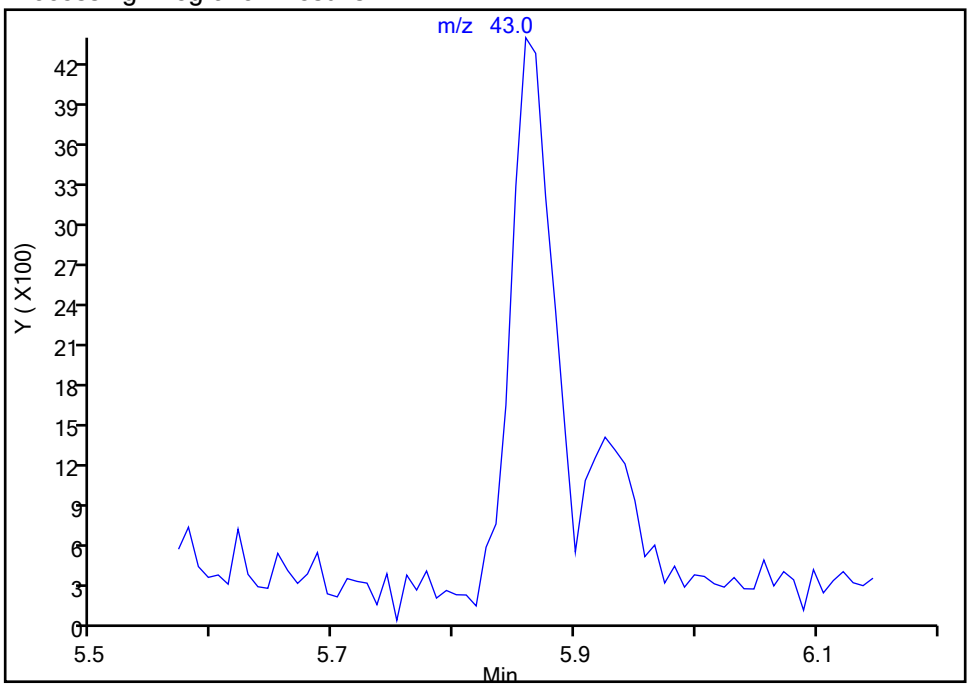
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

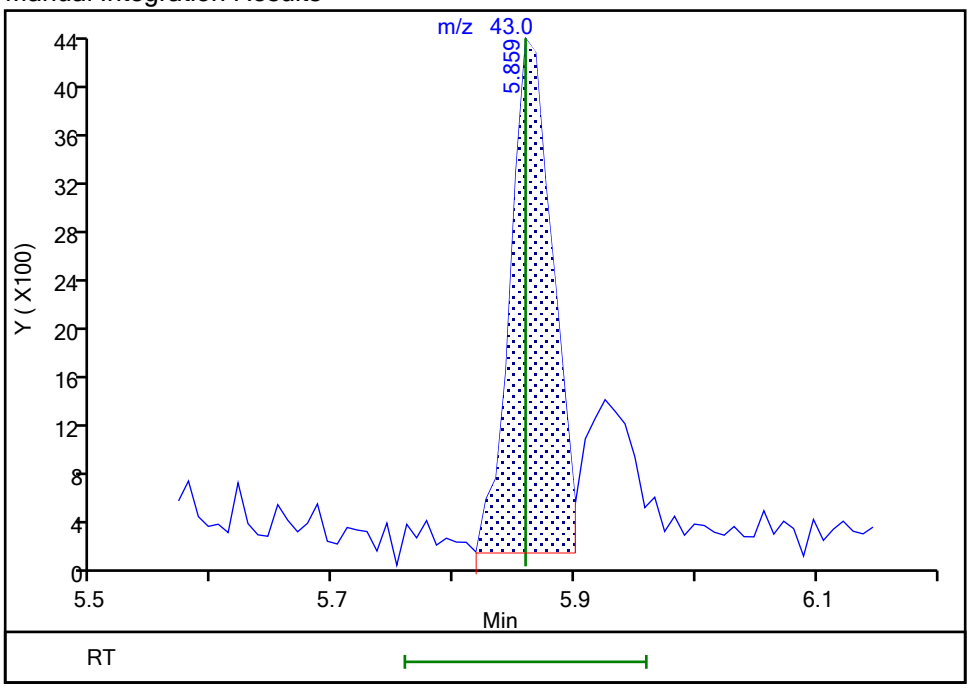
Not Detected
Expected RT: 5.86

Processing Integration Results



Manual Integration Results

RT: 5.86
Area: 10388
Amount: 3.996460
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:19:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

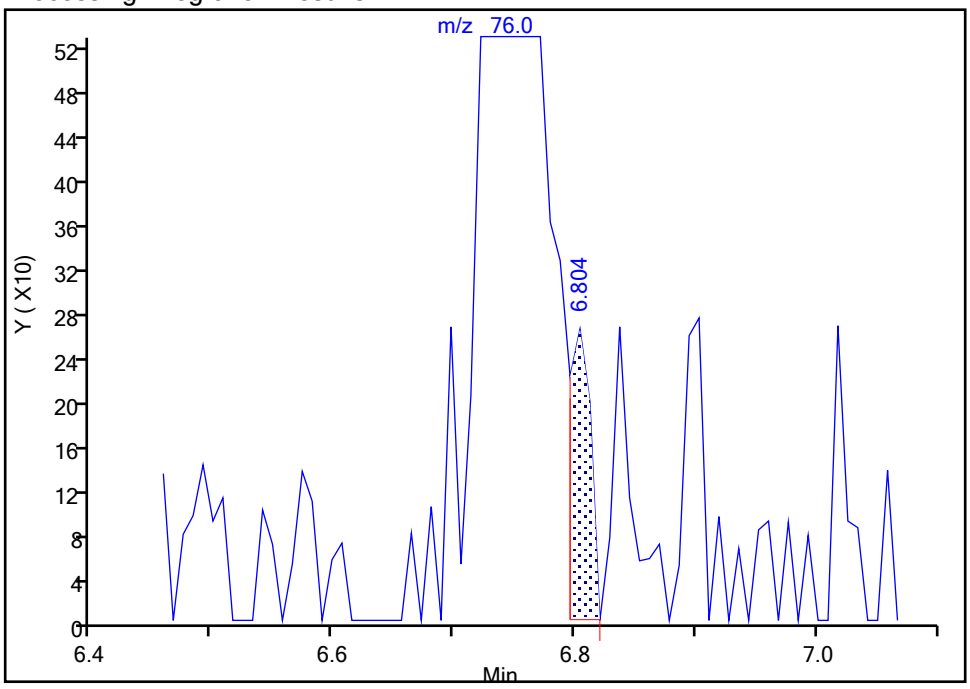
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

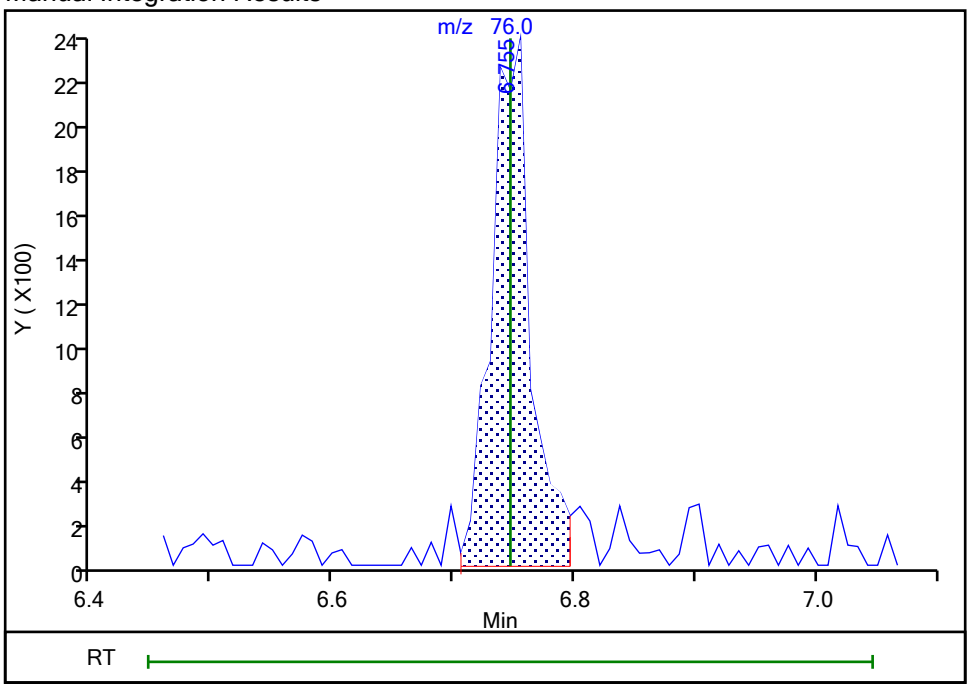
Processing Integration Results

RT: 6.80
Area: 337
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 6.75
Area: 5402
Amount: 0.908016
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:19:52 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

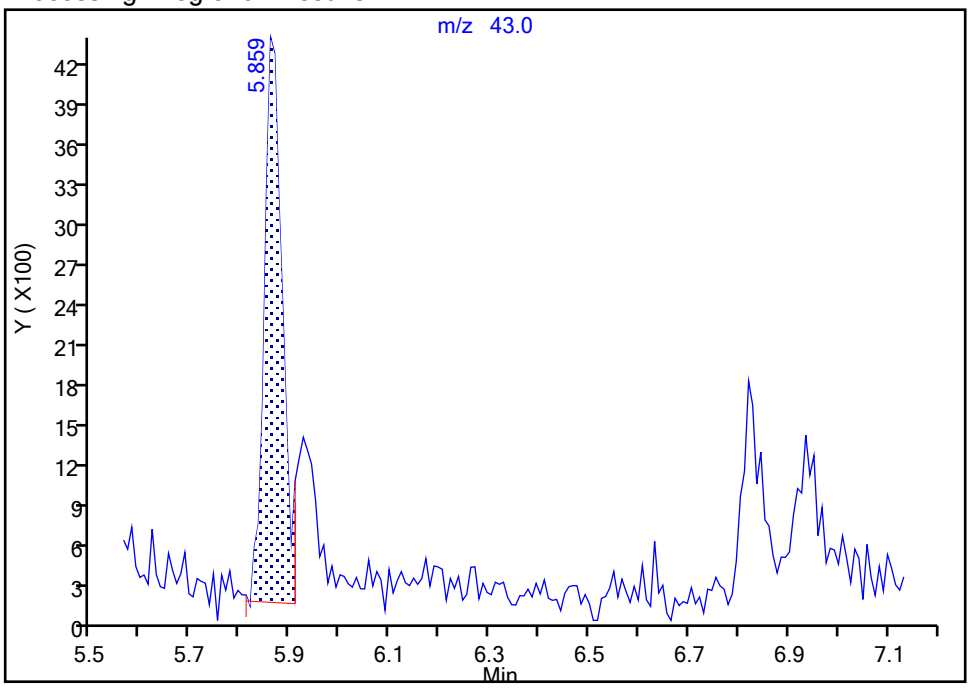
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Hexanone, CAS: 591-78-6

Signal: 1

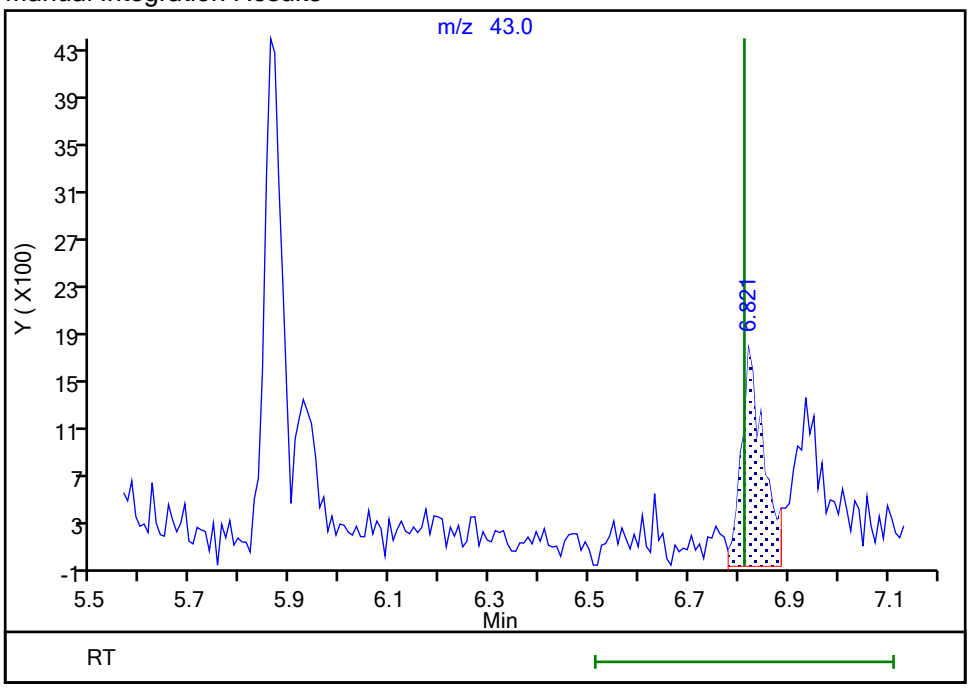
Processing Integration Results

RT: 5.86
Area: 10718
Amount: 5.578109
Amount Units: ug/l



Manual Integration Results

RT: 6.82
Area: 5563
Amount: 3.576535
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:47:48 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

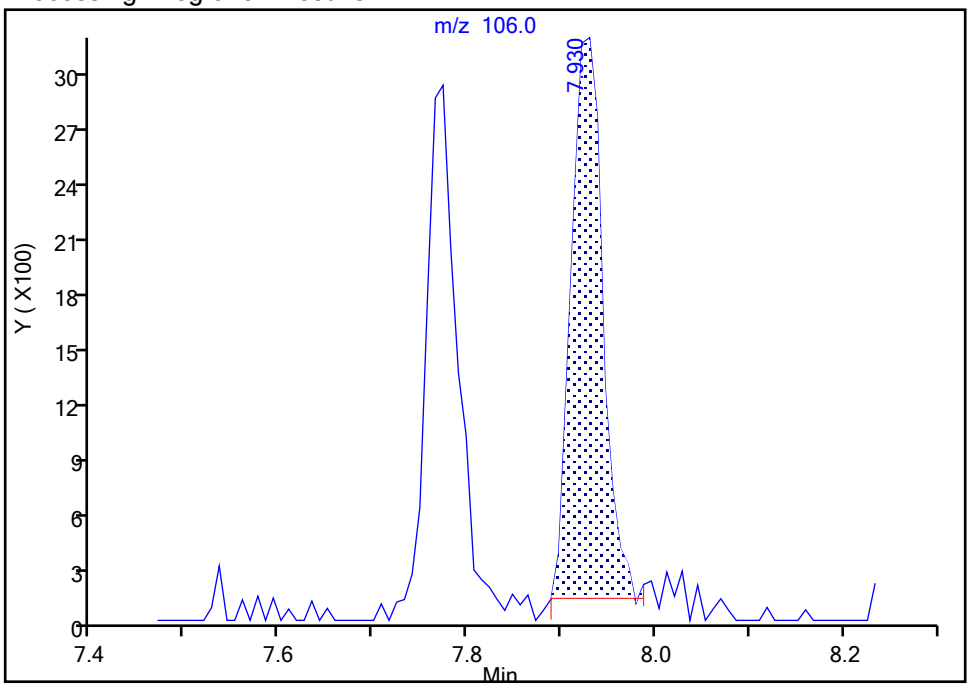
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

91 Ethylbenzene, CAS: 100-41-4

Signal: 1

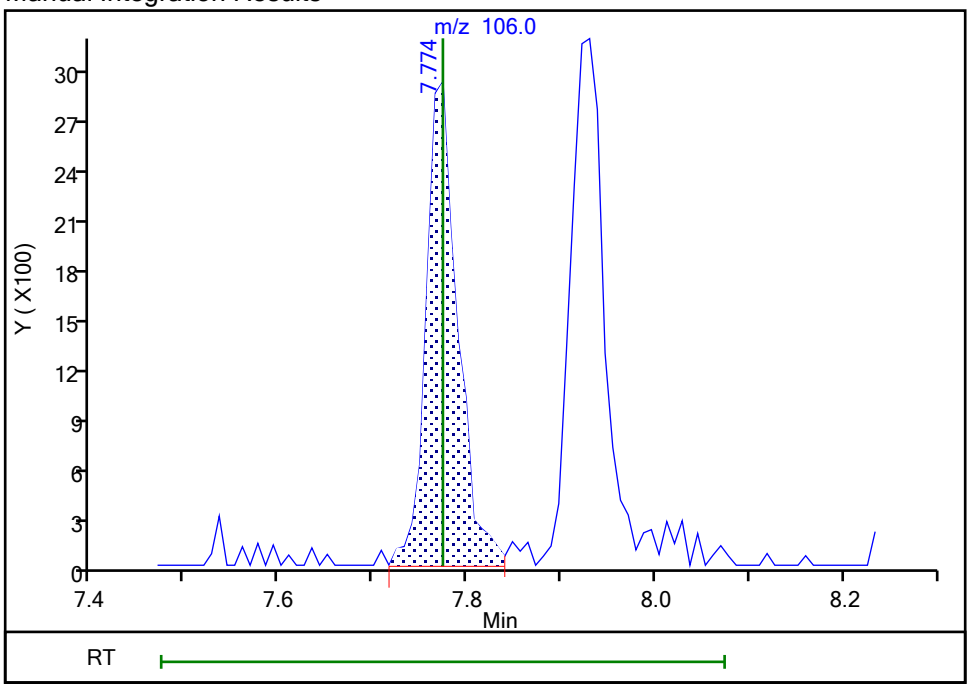
Processing Integration Results

RT: 7.93
Area: 7146
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 7.77
Area: 6778
Amount: 0.946478
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:20:31 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

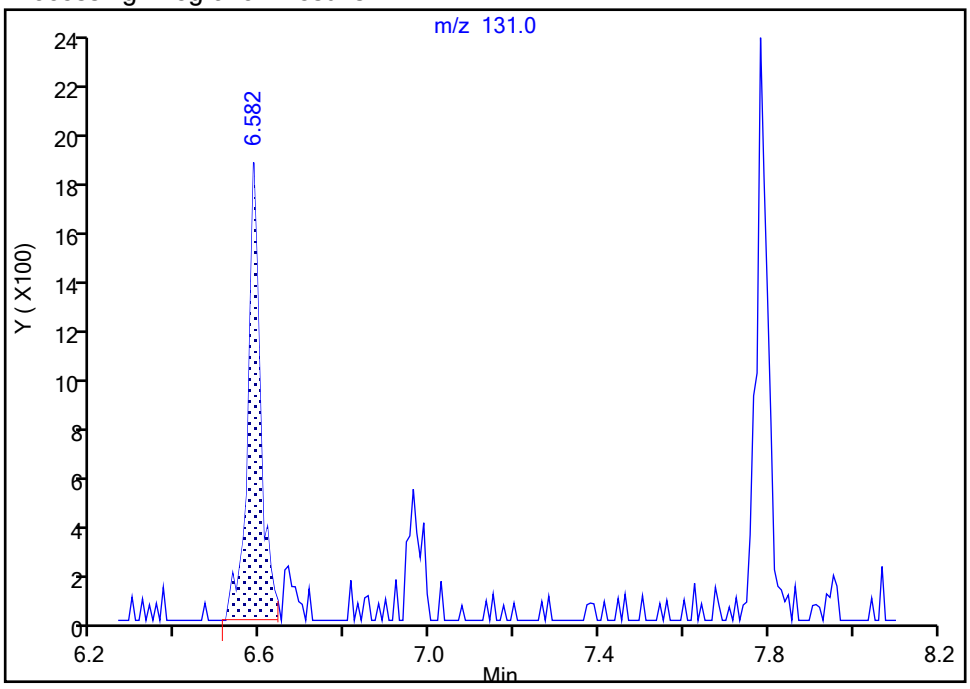
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

92 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

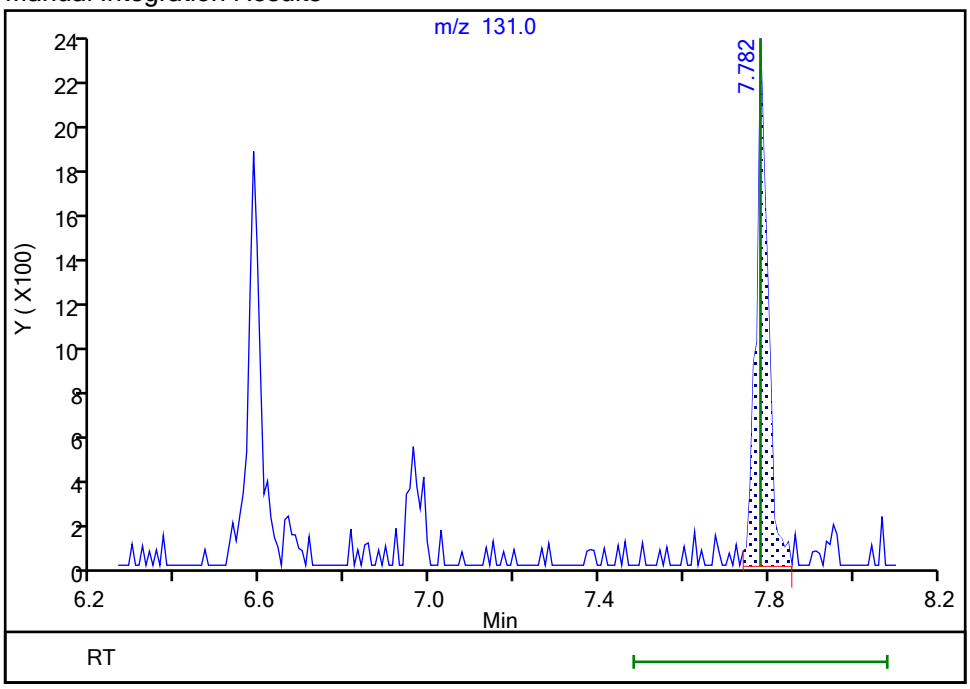
Processing Integration Results

RT: 6.58
Area: 3911
Amount: 1.141858
Amount Units: ug/l



Manual Integration Results

RT: 7.78
Area: 4587
Amount: 0.949449
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:27:11 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

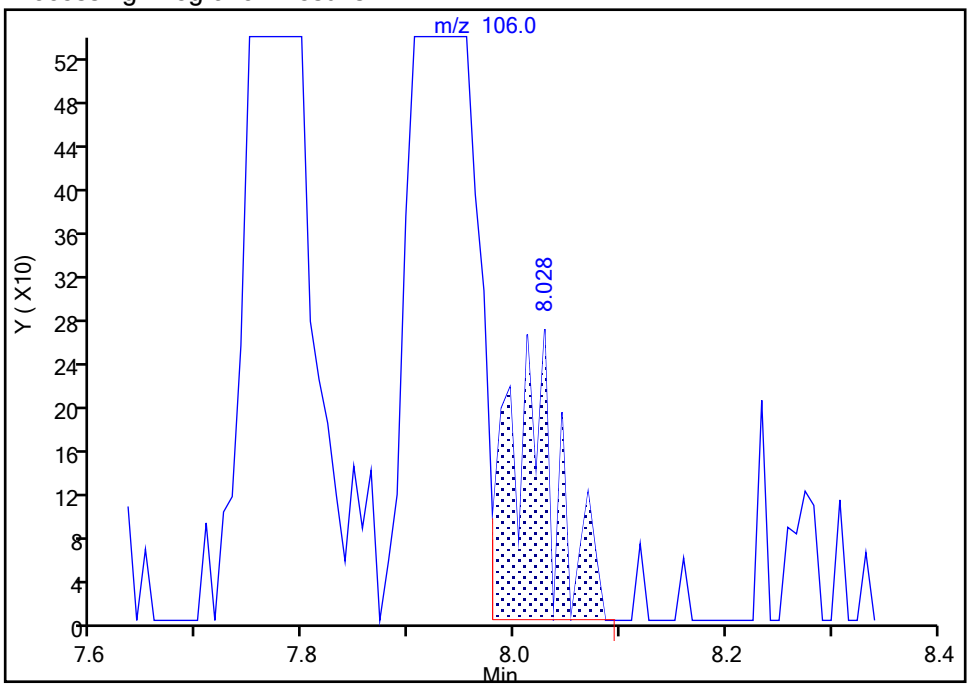
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

93 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

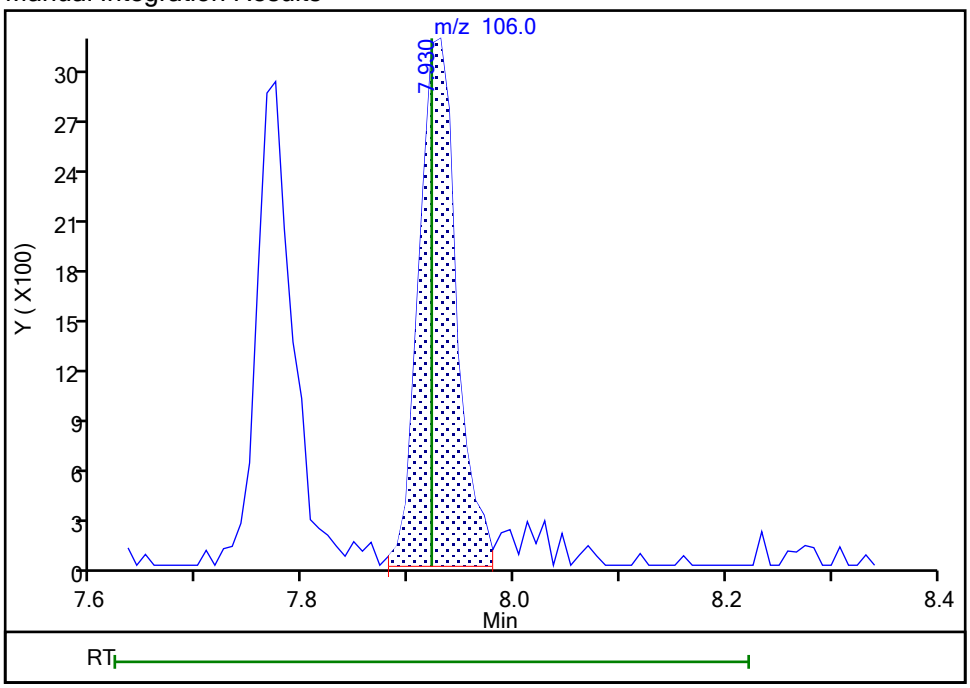
Processing Integration Results

RT: 8.03
Area: 810
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 7.93
Area: 7814
Amount: 0.897251
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:20:35 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

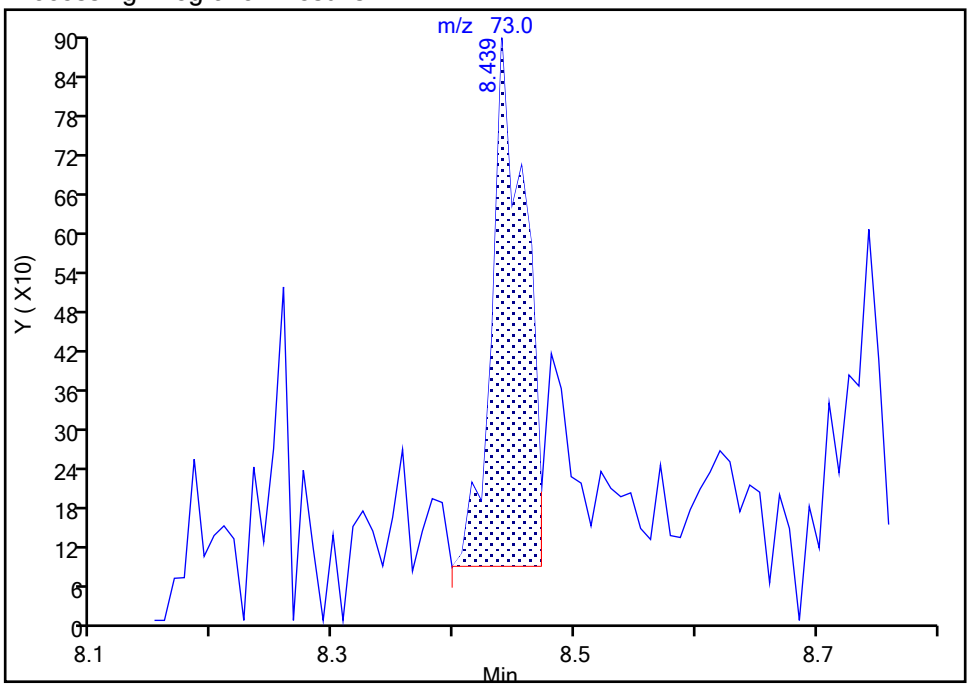
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

94 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

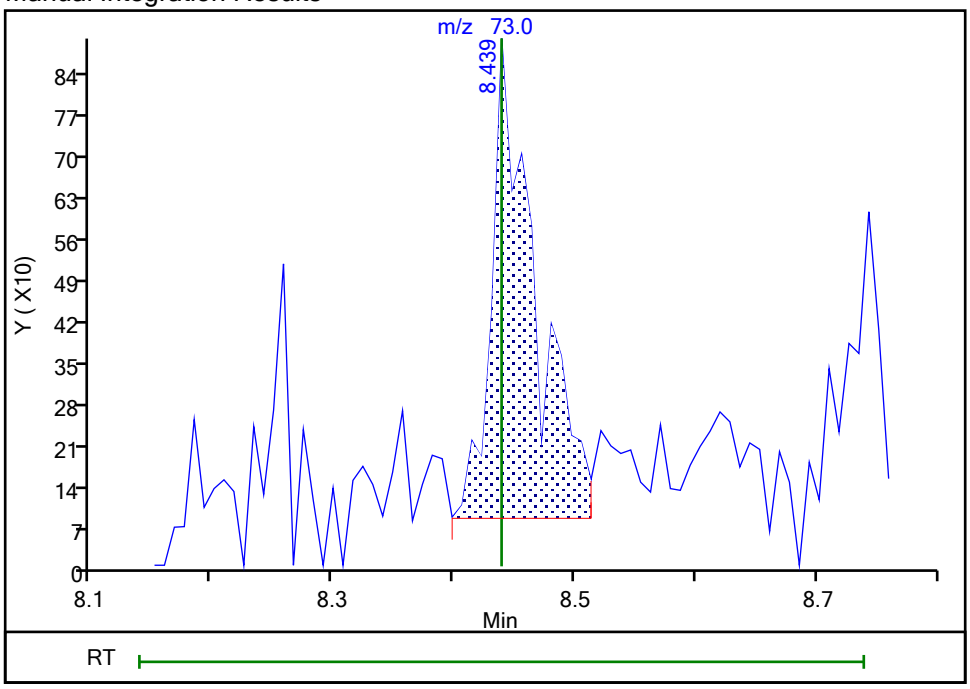
Processing Integration Results

RT: 8.44
Area: 1584
Amount: 0.393937
Amount Units: ug/l



Manual Integration Results

RT: 8.44
Area: 2077
Amount: 1.018019
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:23:40 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

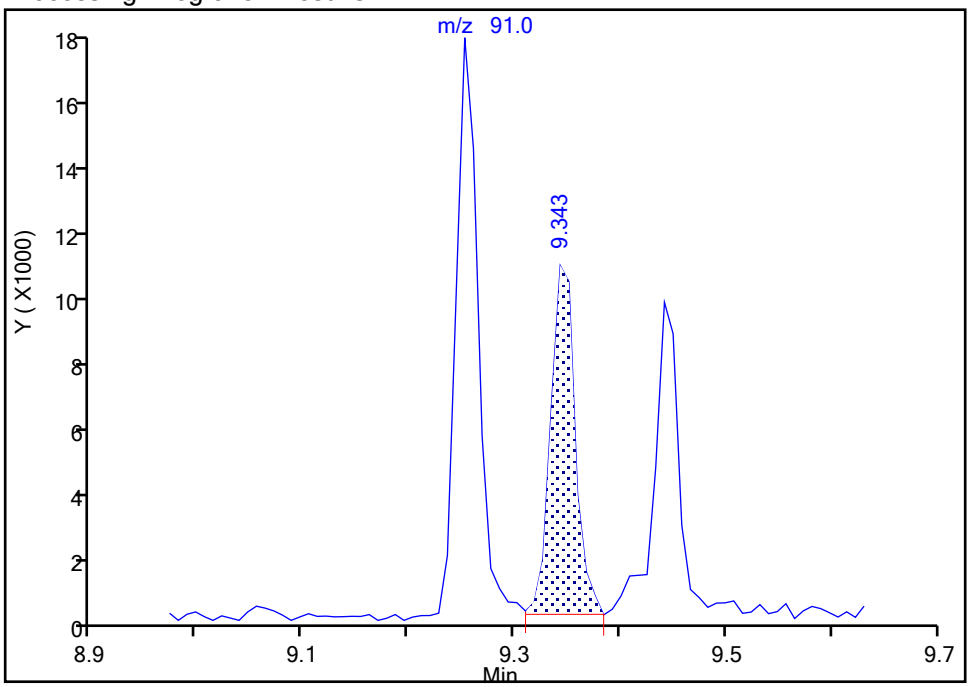
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Signal: 1

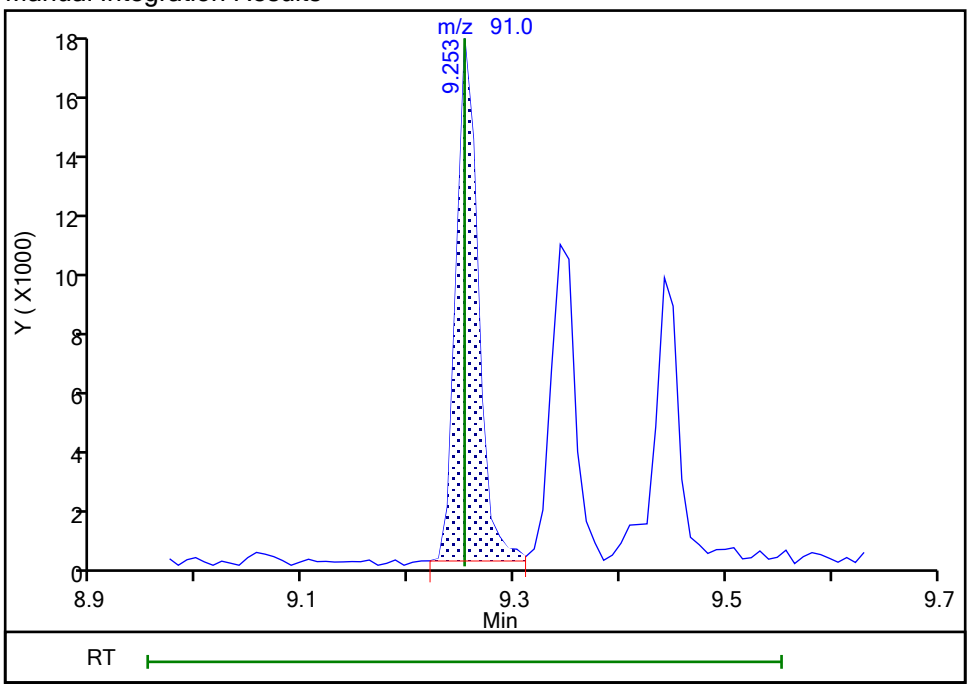
Processing Integration Results

RT: 9.34
Area: 16706
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 9.25
Area: 24848
Amount: 0.952275
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:21:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

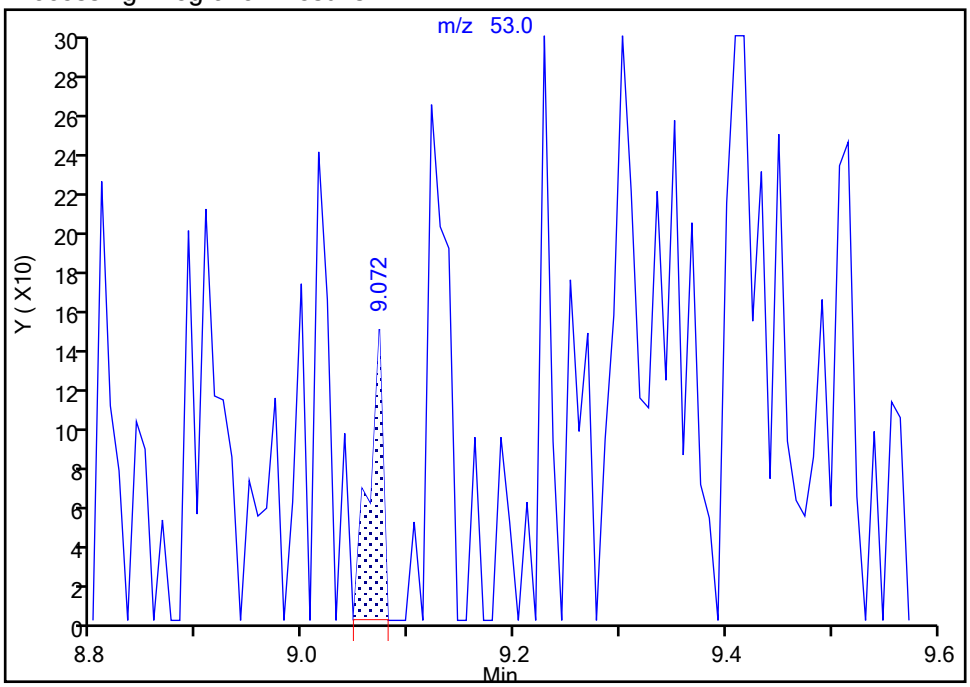
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

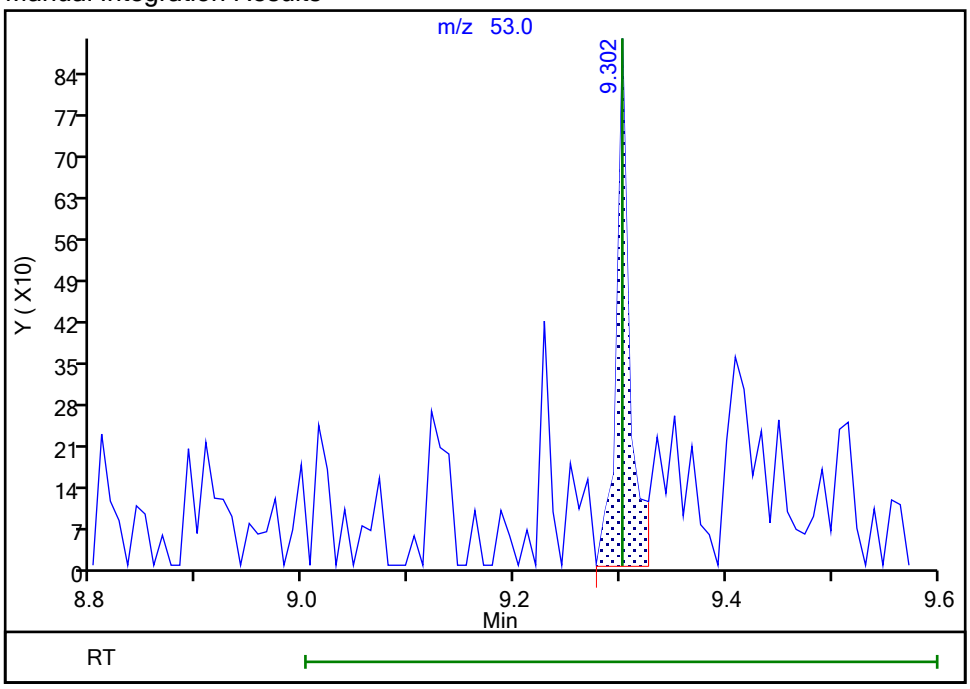
Processing Integration Results

RT: 9.07
Area: 135
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 9.30
Area: 780
Amount: 0.789341
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:20:48 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

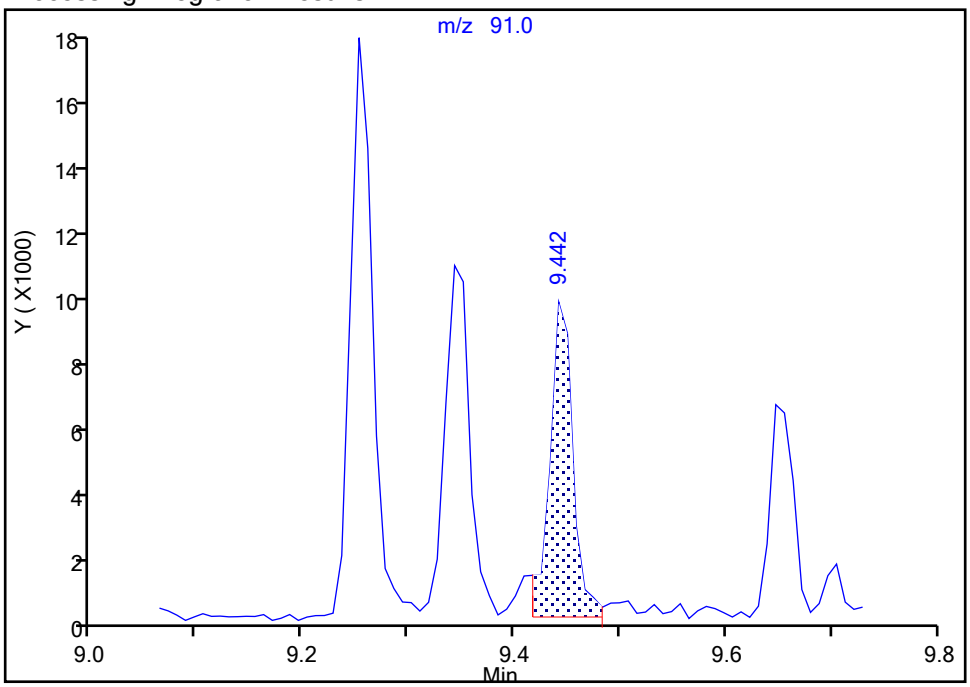
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

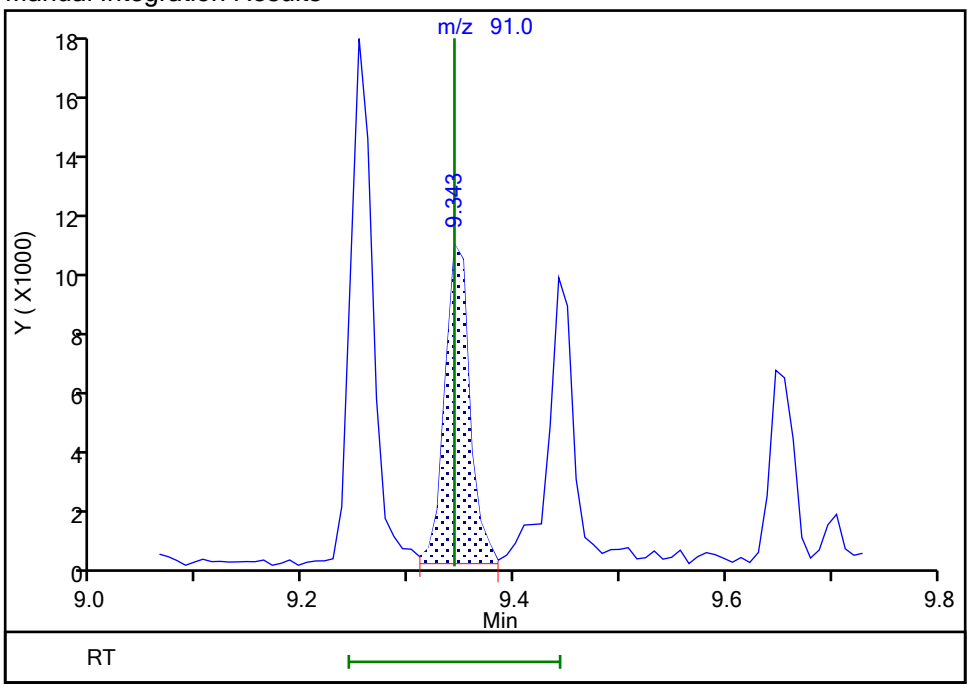
Processing Integration Results

RT: 9.44
Area: 14407
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 9.34
Area: 17179
Amount: 0.935329
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:21:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

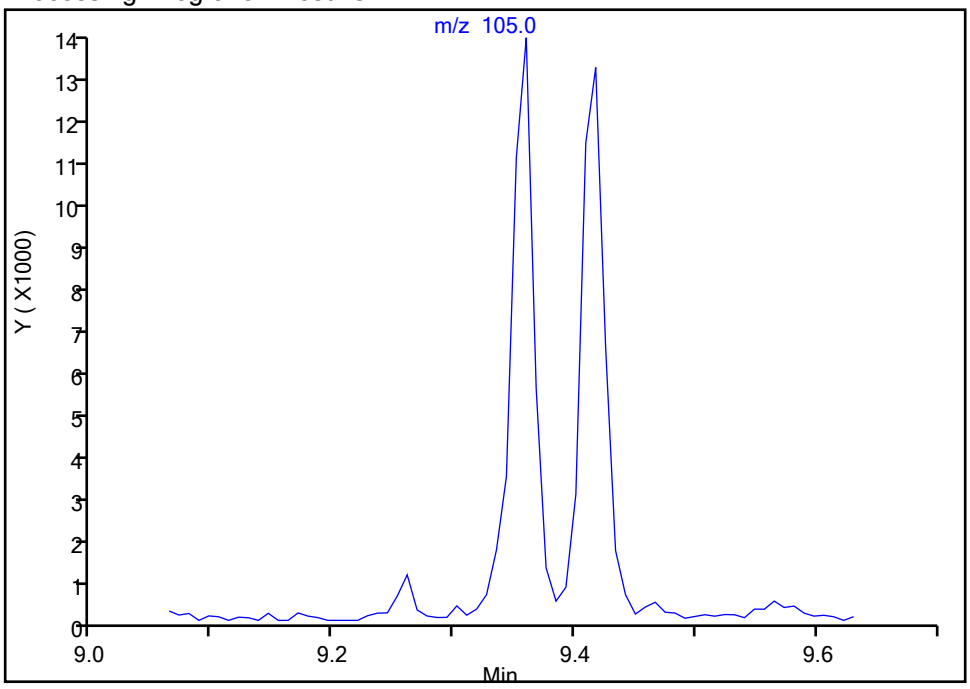
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

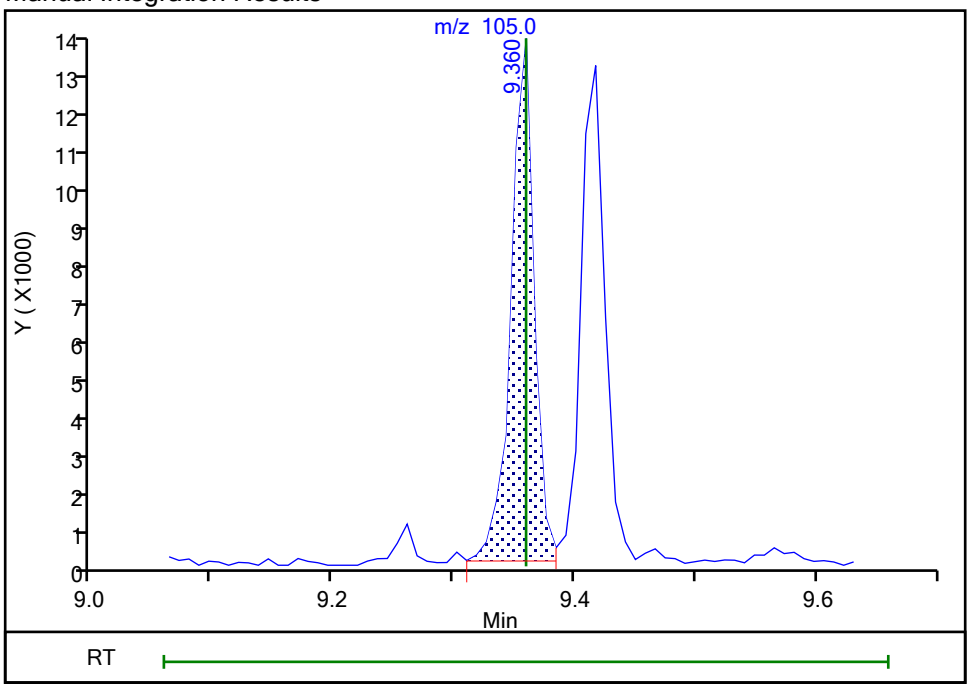
Not Detected
Expected RT: 9.36

Processing Integration Results



Manual Integration Results

RT: 9.36
Area: 18112
Amount: 0.862485
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:20:58 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

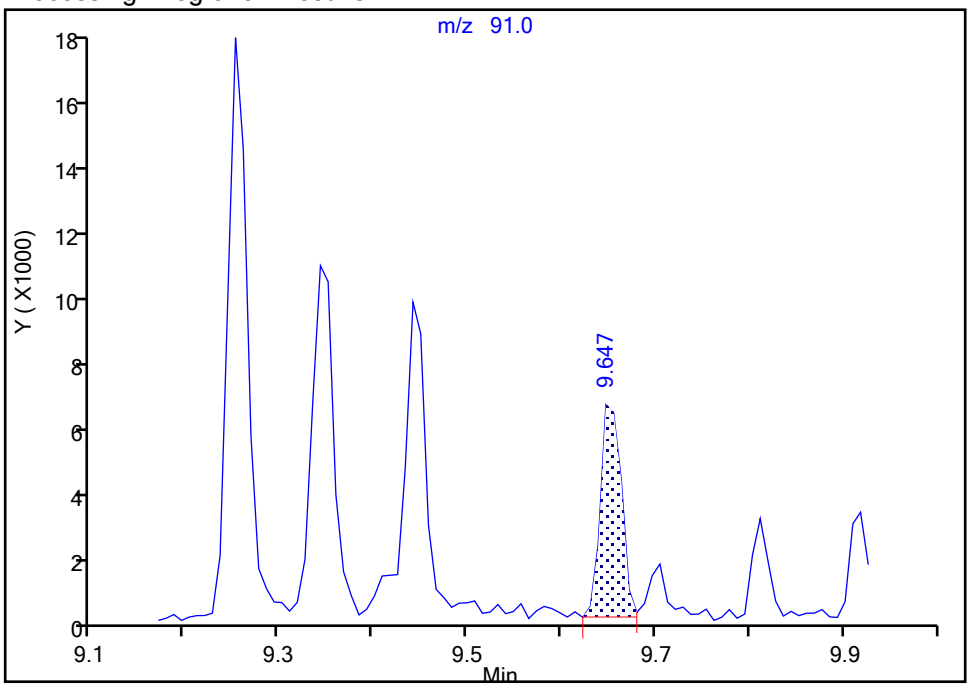
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

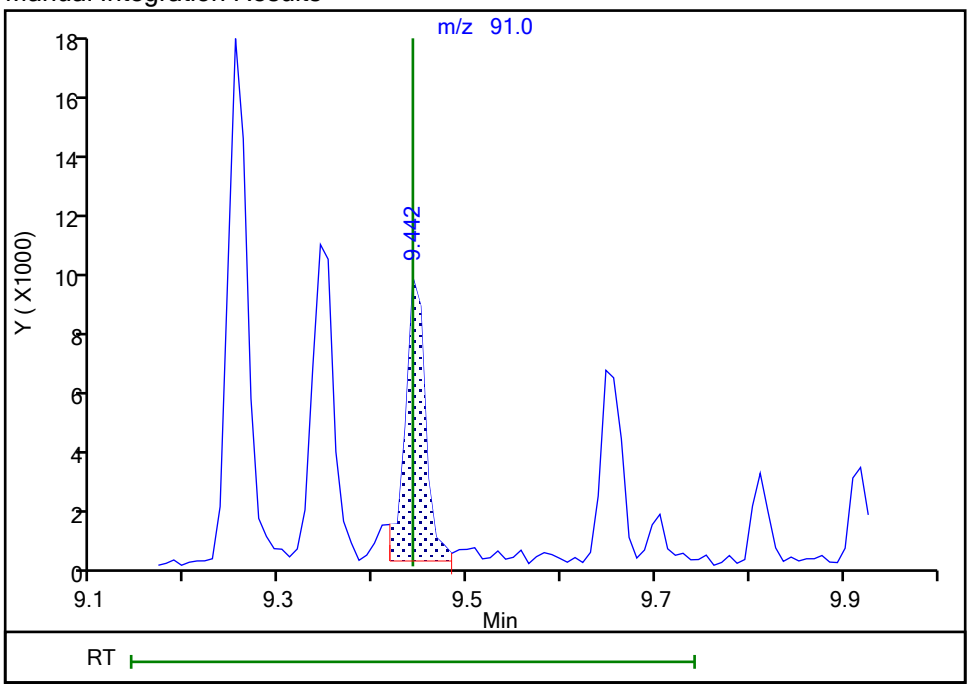
Processing Integration Results

RT: 9.65
Area: 9750
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 9.44
Area: 14056
Amount: 0.832687
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:21:12 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

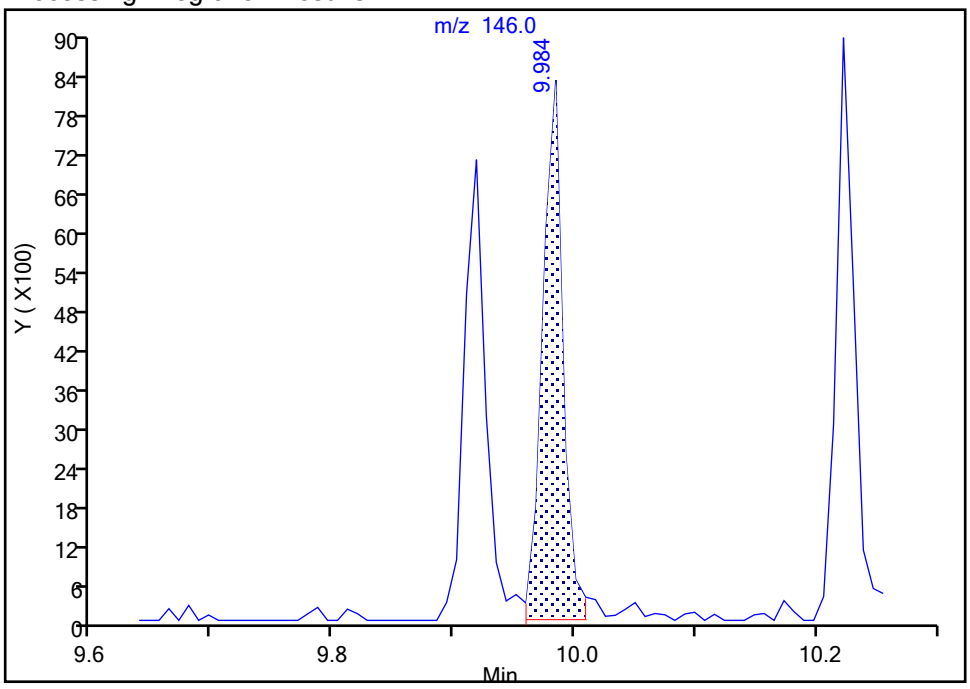
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

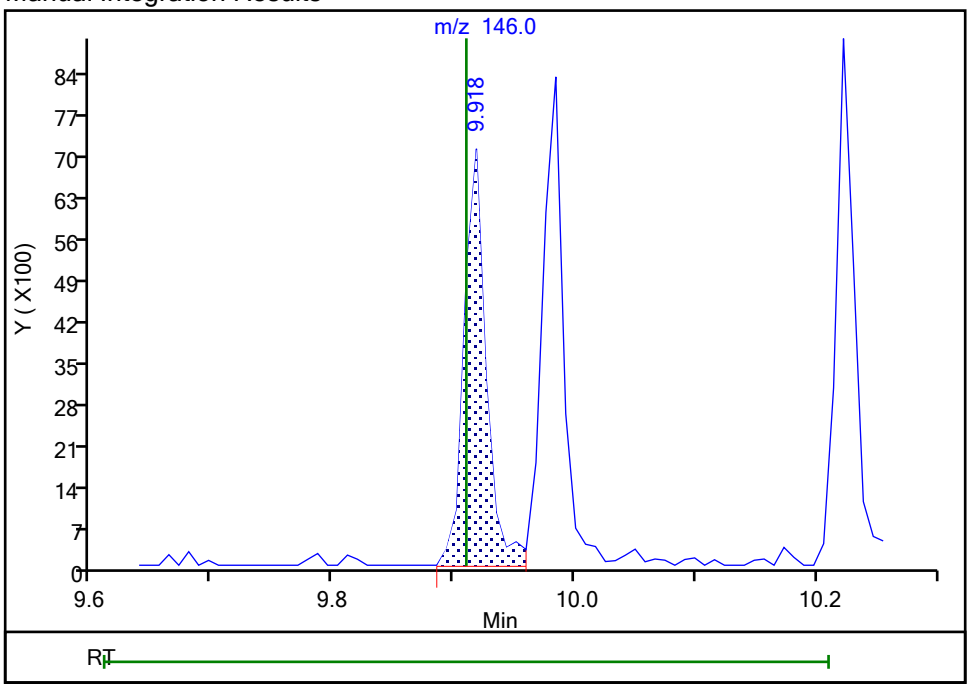
Processing Integration Results

RT: 9.98
Area: 9818
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 9.92
Area: 9036
Amount: 0.882891
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:21:20 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

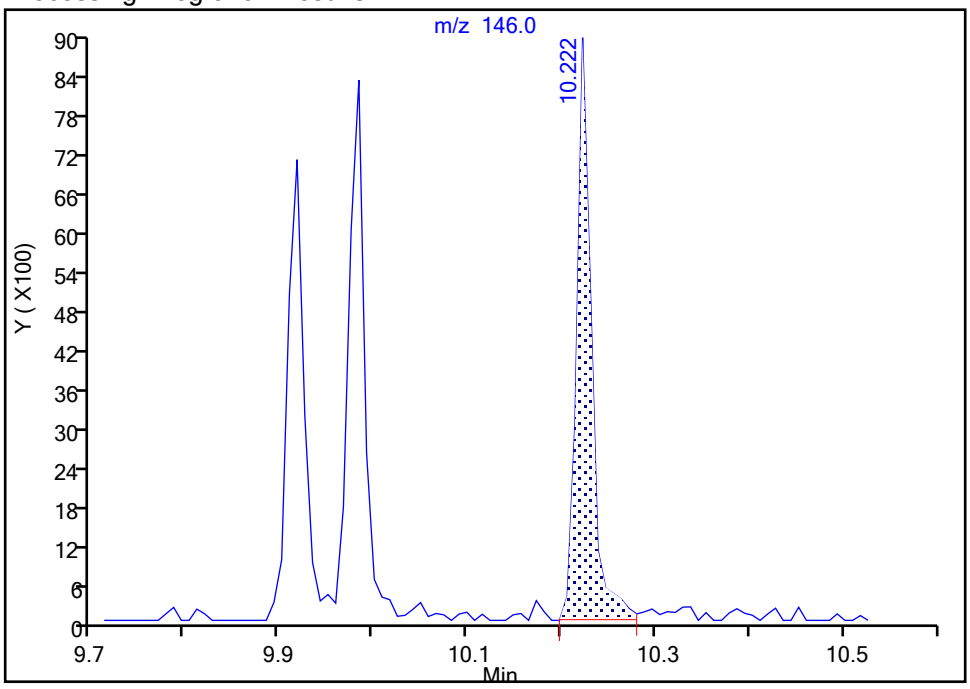
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

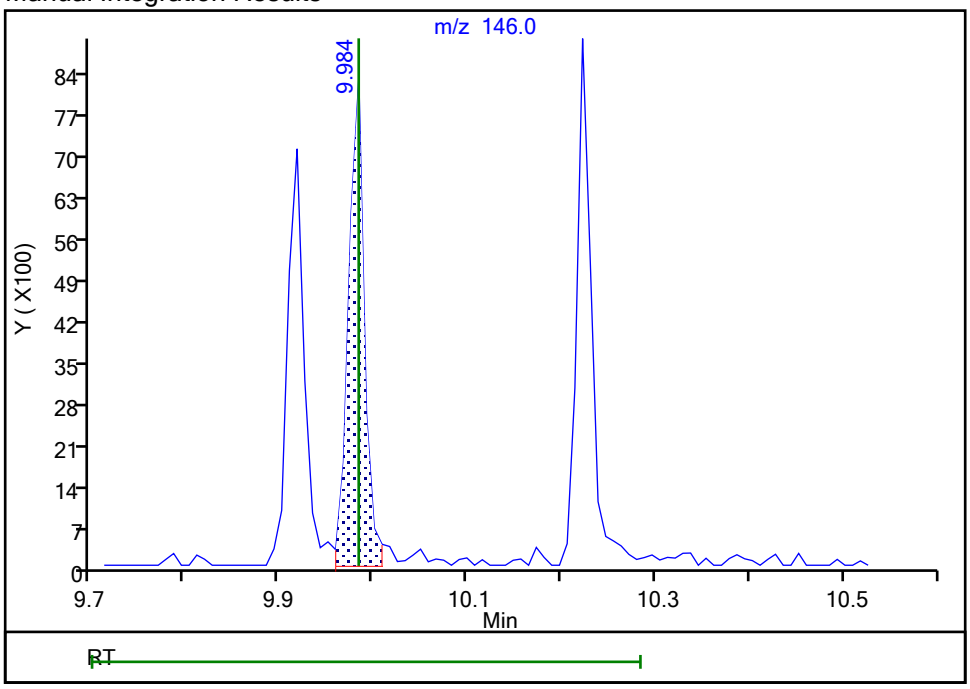
Processing Integration Results

RT: 10.22
Area: 9919
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 9.98
Area: 9818
Amount: 0.925764
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:21:31 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

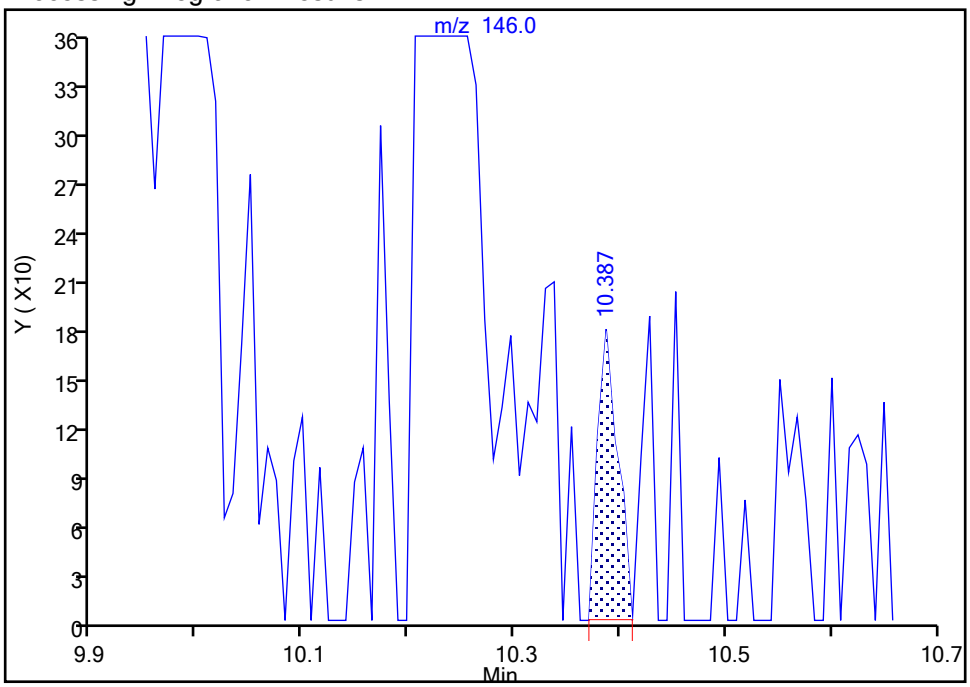
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59225.D
Injection Date: 21-Jan-2026 01:02:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

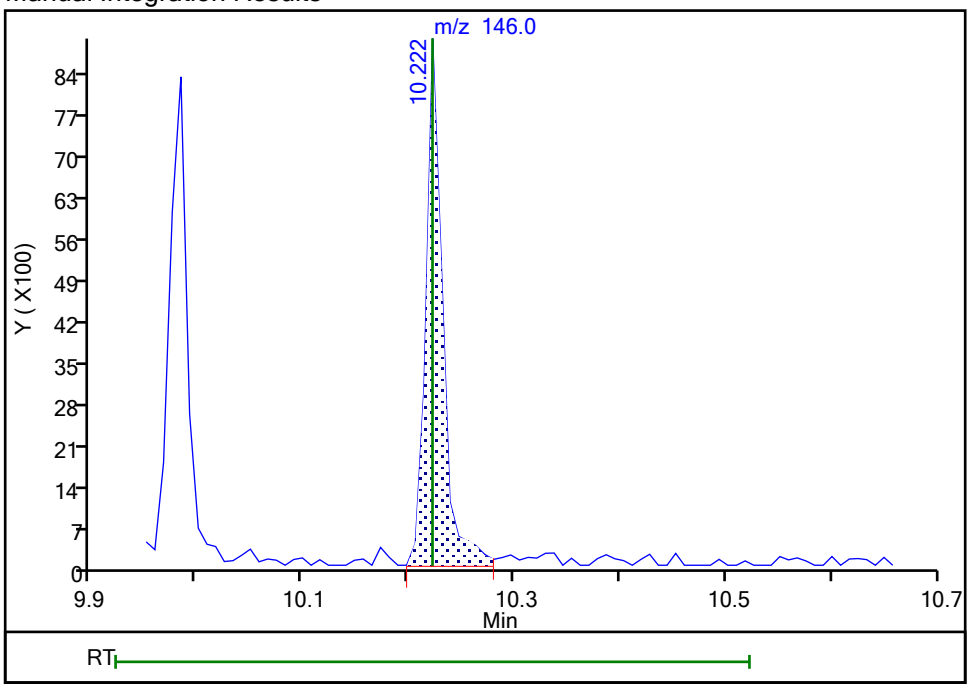
Processing Integration Results

RT: 10.39
Area: 238
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 10.22
Area: 9919
Amount: 0.950220
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:21:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 21-Jan-2026 01:23:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0201827-007
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Jan-2026 11:05:09 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: HVW2 Date: 21-Jan-2026 03:07:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.209	1.208	0.001	37	35319	5.00	6.00	
2 Chloromethane	50	1.340	1.356	-0.016	99	35485	5.00	4.93	
4 Butadiene	54	1.406	1.414	-0.008	95	27153	5.00	4.88	
3 Vinyl chloride	62	1.414	1.430	-0.016	97	37285	5.00	5.03	
5 Bromomethane	94	1.628	1.636	-0.008	98	28172	5.00	4.96	
6 Chloroethane	64	1.685	1.693	-0.008	98	19038	5.00	4.96	
7 Dichlorofluoromethane	67	1.817	1.833	-0.016	90	53874	5.00	4.95	
9 Pentane	72	1.841	1.857	-0.016	97	6468	10.0	10.9	
8 Trichlorofluoromethane	101	1.825	1.866	-0.041	59	34907	5.00	4.99	
10 Ethanol	46	1.997	1.997	0.000	70	2547	200.0	159.9	
11 Ethyl ether	59	1.989	2.005	-0.016	94	17471	5.00	5.06	
12 2-Methyl-1,3-butadiene	53	2.014	2.022	-0.008	93	15934	5.00	5.05	
13 1,2-Dichloro-1,1,2-trifluoroetha	117	2.047	2.055	-0.008	85	22700	5.00	5.08	
14 1,1,1-Trifluoro-2,2-dichloroetha	83	2.088	2.088	0.000	64	40640	5.00	5.15	
16 Acrolein	56	2.145	2.145	0.000	53	8979	20.0	21.0	
15 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.145	2.161	-0.016	89	25939	5.00	5.17	
17 1,1-Dichloroethene	96	2.170	2.178	-0.008	96	22971	5.00	4.87	
18 Acetone	43	2.236	2.244	-0.008	88	17184	25.0	23.8	
20 Iodomethane	142	2.293	2.301	-0.008	95	41631	5.00	4.94	
19 Isopropyl alcohol	45	2.310	2.309	0.001	44	7042	50.0	40.6	
21 Carbon disulfide	76	2.326	2.334	-0.008	98	90625	5.00	4.88	
23 3-Chloro-1-propene	39	2.425	2.433	-0.008	93	29102	5.00	4.34	
22 Methyl acetate	43	2.425	2.433	-0.008	51	16905	10.0	8.92	
24 Cyclopentene	67	2.441	2.449	-0.008	94	60941	5.00	5.29	
32 Acetonitrile	41	2.490	2.498	-0.008	20	16404	50.0	40.9	a
* 25 TBA-d9 (IS)	65	2.515	2.523	-0.008	99	234532	1000.0	1000.0	
26 Methylene Chloride	84	2.531	2.539	-0.008	88	25902	5.00	4.74	
27 2-Methyl-2-propanol	59	2.556	2.581	-0.025	29	15301	50.0	52.7	a
28 Methyl tert-butyl ether	73	2.663	2.663	0.000	96	60245	5.00	4.80	
29 trans-1,2-Dichloroethene	96	2.688	2.696	-0.008	90	25140	5.00	5.06	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	2.753	2.753	0.000	98	46803	50.0	44.8	
31 Hexane	43	2.811	2.819	-0.008	91	18570	5.00	5.00	
33 Isopropyl ether	45	2.983	2.991	-0.008	95	68377	5.00	4.69	
35 1,1-Dichloroethane	63	3.016	3.024	-0.008	99	41340	5.00	5.01	
34 Vinyl acetate	86	3.033	3.032	0.001	15	4953	10.0	7.29	Ma
36 2-Chloro-1,3-butadiene	88	3.057	3.065	-0.008	86	23514	5.00	5.41	
37 Tert-butyl ethyl ether	59	3.255	3.254	0.001	89	66305	5.00	4.82	
* 38 2-Butanone-d5	46	3.427	3.435	-0.008	99	217385	250.0	250.0	
39 2,2-Dichloropropane	97	3.435	3.443	-0.008	61	9594	5.00	4.87	
41 cis-1,2-Dichloroethene	96	3.460	3.468	-0.008	95	26443	5.00	4.65	
40 Ethyl acetate	70	3.485	3.484	0.001	56	3351	10.0	9.72	
42 2-Butanone (MEK)	72	3.476	3.484	-0.008	85	7276	25.0	21.7	
43 Methyl acrylate	55	3.526	3.542	-0.016	97	9194	5.00	4.40	
44 Propionitrile	54	3.600	3.599	0.001	30	17310	50.0	46.3	a
46 Tetrahydrofuran	42	3.665	3.665	0.000	29	10145	10.0	9.02	a
45 Chlorobromomethane	128	3.665	3.673	-0.008	65	11477	5.00	4.89	
47 Methacrylonitrile	67	3.682	3.682	0.000	89	62824	50.0	45.5	a
48 Chloroform	83	3.706	3.714	-0.008	98	37441	5.00	4.62	
49 Cyclohexane	84	3.821	3.830	-0.009	87	41059	5.00	5.16	
51 1,1,1-Trichloroethane	97	3.838	3.838	0.000	80	37904	5.00	4.96	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	96	168042	50.0	50.3	
52 Carbon tetrachloride	117	3.937	3.945	-0.008	96	30385	5.00	4.93	
53 1,1-Dichloropropene	75	3.961	3.969	-0.008	97	31140	5.00	4.76	
134 Isooctane	57	4.117	4.117	0.000	93	75979	5.00	4.67	a
54 Isobutyl alcohol	43	4.101	4.117	-0.016	37	8815	125.0	82.5	Ma
55 Benzene	78	4.142	4.142	0.000	93	96957	5.00	4.99	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.150	4.158	-0.008	92	156262	50.0	49.1	
57 Isopropyl acetate	87	4.183	4.199	-0.016	49	18061	5.00	4.73	
58 Tert-amyl methyl ether	73	4.199	4.199	0.000	74	69151	5.00	4.63	
59 1,2-Dichloroethane	62	4.224	4.224	0.000	93	24120	5.00	4.76	
60 n-Heptane	57	4.273	4.281	-0.008	89	16078	5.00	4.81	
* 61 Fluorobenzene	96	4.397	4.405	-0.008	99	705347	50.0	50.0	
63 Trichloroethene	95	4.717	4.725	-0.008	99	23251	5.00	4.79	
62 n-Butanol	56	4.783	4.774	0.009	22	1864	125.0	35.5	Ma
64 Ethyl acrylate	55	4.832	4.832	0.000	83	42027	5.00	4.27	a
65 Methylcyclohexane	83	4.832	4.840	-0.008	92	44444	5.00	4.95	
66 1,2-Dichloropropane	63	4.980	4.988	-0.008	94	24612	5.00	4.61	
* 67 1,4-Dioxane-d8	96	5.038	5.037	0.001	46	23944	1000.0	1000.0	a
68 Methyl methacrylate	100	5.054	5.054	0.000	86	7918	10.0	8.79	
69 1,4-Dioxane	88	5.087	5.095	-0.008	47	3866	100.0	120.4	
71 Dibromomethane	93	5.103	5.111	-0.008	93	13265	5.00	4.73	
70 n-Propyl acetate	43	5.103	5.111	-0.008	85	16654	5.00	3.98	
72 Dichlorobromomethane	83	5.243	5.243	0.000	96	27354	5.00	4.50	
74 2-Nitropropane	41	5.547	5.555	-0.008	74	6353	10.0	8.87	a
73 2-Chloroethyl vinyl ether	63	5.555	5.563	-0.008	82	9351	5.01	3.91	
75 Epichlorohydrin	57	5.679	5.662	0.017	98	19685	100.0	55.3	
76 cis-1,3-Dichloropropene	75	5.703	5.711	-0.008	88	34844	5.00	4.61	
77 4-Methyl-2-pentanone (MIBK)	43	5.859	5.859	0.000	93	59482	25.0	22.1	a
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	100	647486	50.0	49.5	
79 Toluene	91	6.007	6.007	0.000	93	99960	5.00	5.06	
80 trans-1,3-Dichloropropene	75	6.344	6.344	0.000	95	25254	5.00	4.51	
81 Ethyl methacrylate	69	6.369	6.377	-0.008	82	22111	5.00	4.55	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	6.550	6.541	0.009	95	15384	5.00	5.11	
83 Tetrachloroethene	166	6.582	6.582	0.000	94	21396	5.00	4.95	
84 1,3-Dichloropropane	76	6.739	6.747	-0.009	91	27781	5.00	4.70	
85 2-Hexanone	43	6.812	6.812	0.000	93	33330	25.0	18.0	Ma
86 n-Butyl acetate	43	6.927	6.927	0.000	98	23762	5.00	5.03	
87 Chlorodibromomethane	129	6.969	6.960	0.009	98	17638	5.00	4.32	
88 Ethylene Dibromide	107	7.108	7.108	0.000	99	16984	5.00	4.73	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	85	475567	50.0	50.0	
90 Chlorobenzene	112	7.667	7.667	0.000	96	58102	5.00	4.84	
91 Ethylbenzene	106	7.774	7.774	0.000	97	34139	5.00	4.80	a
92 1,1,1,2-Tetrachloroethane	131	7.782	7.782	0.000	93	24468	5.00	5.10	a
93 m-Xylene & p-Xylene	106	7.922	7.922	0.000	97	41669	5.00	4.82	a
95 o-Xylene	106	8.431	8.431	0.000	94	41819	5.00	4.66	
94 n-Butyl acrylate	73	8.448	8.439	0.009	98	13165	5.00	4.52	
96 Styrene	104	8.480	8.472	0.008	96	61956	5.00	4.69	
98 Bromoform	173	8.719	8.719	0.000	69	9611	5.00	4.45	
97 Amyl acetate (mixed isomers)	43	8.727	8.727	0.000	92	25709	5.00	4.11	
99 Isopropylbenzene	105	8.858	8.858	0.000	95	99804	5.00	4.76	
$ 100 4-Bromofluorobenzene	174	9.056	9.055	0.001	85	172424	50.0	50.2	
101 Bromobenzene	156	9.179	9.179	0.000	96	22931	5.00	4.69	
102 1,1,2,2-Tetrachloroethane	83	9.236	9.236	0.000	97	22371	5.00	4.49	
103 N-Propylbenzene	91	9.253	9.253	0.000	99	130278	5.00	4.96	a
104 1,2,3-Trichloropropane	110	9.269	9.269	0.000	60	6126	5.00	4.69	
105 trans-1,4-Dichloro-2-butene	53	9.302	9.302	0.000	57	4230	5.00	4.26	
106 2-Chlorotoluene	91	9.343	9.343	0.000	95	89616	5.00	4.85	a
107 4-Ethyltoluene	105	9.360	9.359	0.001	98	104295	5.00	4.94	a
108 1,3,5-Trimethylbenzene	105	9.417	9.417	0.000	94	96316	5.00	4.90	
109 4-Chlorotoluene	91	9.442	9.442	0.000	96	85922	5.00	5.06	a
110 Butyl Methacrylate	87	9.508	9.507	0.001	85	32010	5.00	4.13	
111 tert-Butylbenzene	119	9.656	9.655	0.001	95	76157	5.00	4.74	
112 1,2,4-Trimethylbenzene	105	9.705	9.705	0.000	97	94948	5.00	4.80	
113 sec-Butylbenzene	105	9.812	9.811	0.001	100	123666	5.00	4.86	
115 1,3-Dichlorobenzene	146	9.918	9.910	0.008	64	49638	5.00	4.82	a
114 4-Isopropyltoluene	119	9.918	9.918	0.000	98	105740	5.00	4.93	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	95	263593	50.0	50.0	
117 1,4-Dichlorobenzene	146	9.984	9.984	0.000	93	53214	5.00	4.99	a
118 1,2,3-Trimethylbenzene	105	9.992	9.992	0.000	98	101338	5.00	4.88	
119 Benzyl chloride	91	10.083	10.083	0.000	98	49295	5.00	4.65	
120 2,3-Dihydroindene	117	10.124	10.124	0.000	95	88780	5.00	4.82	
121 p-Diethylbenzene	119	10.165	10.165	0.000	93	65258	5.00	4.87	
122 n-Butylbenzene	92	10.181	10.181	0.000	96	59420	5.00	4.90	
123 1,2-Dichlorobenzene	146	10.222	10.222	0.000	95	50747	5.00	4.83	a
124 1,2,4,5-Tetramethylbenzene	119	10.625	10.625	0.000	97	106227	5.00	4.88	
125 1,2-Dibromo-3-Chloropropane	157	10.691	10.691	0.000	87	5284	5.00	5.01	
126 1,3,5-Trichlorobenzene	180	10.765	10.765	0.000	97	42486	5.00	4.77	
127 1,2,4-Trichlorobenzene	180	11.110	11.110	0.000	95	38623	5.00	4.67	
128 Hexachlorobutadiene	225	11.167	11.167	0.000	92	15304	5.00	4.97	
129 Naphthalene	128	11.250	11.249	0.001	99	90881	5.00	4.89	
130 1,2,3-Trichlorobenzene	180	11.389	11.389	0.000	97	36704	5.00	4.93	
S 131 1,2-Dichloroethene, Total	100				0		10.0	9.72	
S 132 Total BTEX	1				0		25.0	24.3	
S 133 Xylenes, Total	100				0		10.0	9.48	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00193	Amount Added:	4.00	Units: uL	
GASES Li_00680	Amount Added:	10.00	Units: uL	
524FREONS_00049	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00217	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00085	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 24-Jan-2026 11:05:10 Chrom Revision: 2.3 27-Dec-2025 13:45:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D

Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6 Operator ID:

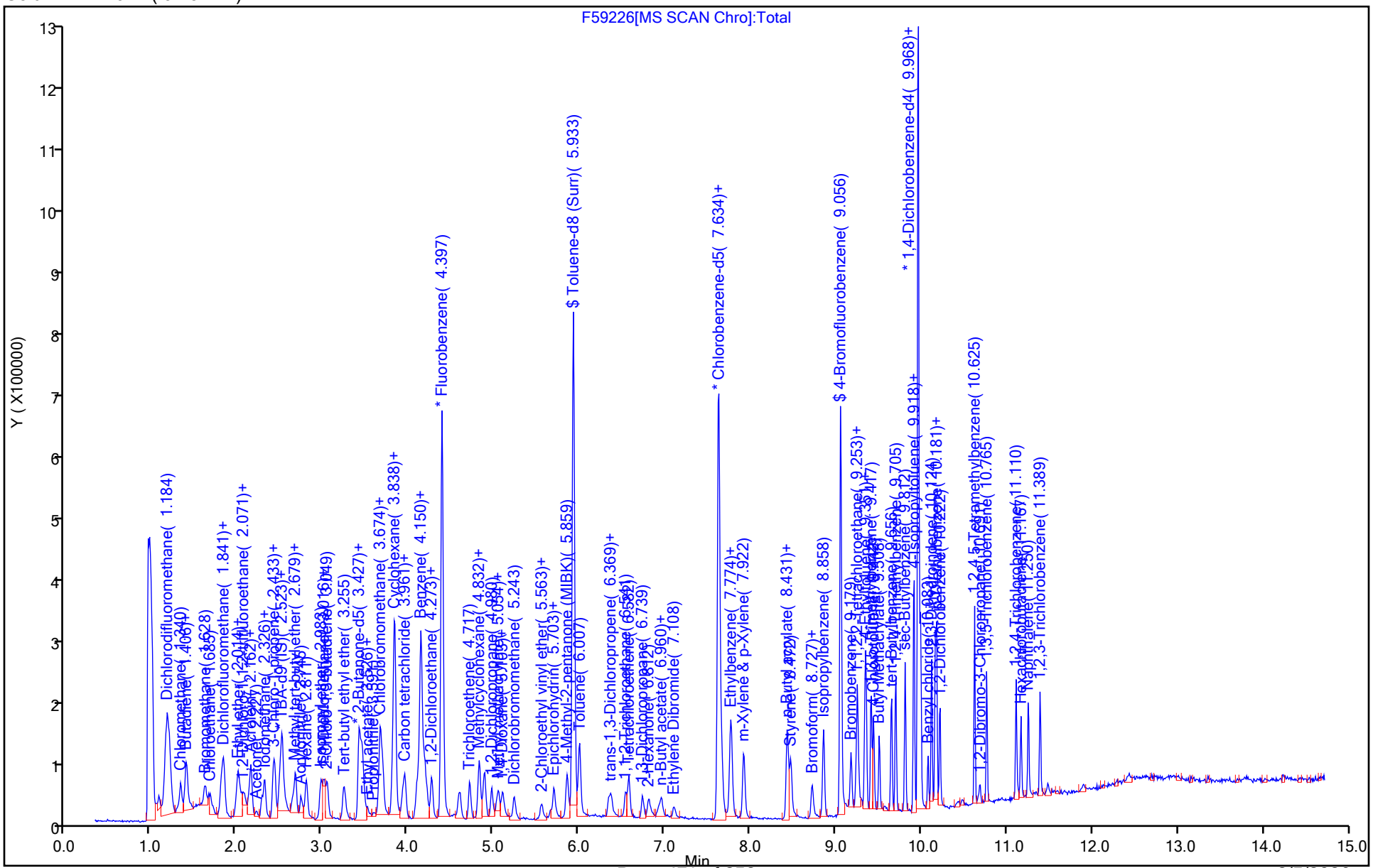
Lims ID: STD5 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



2/5/2026
8:39:33 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

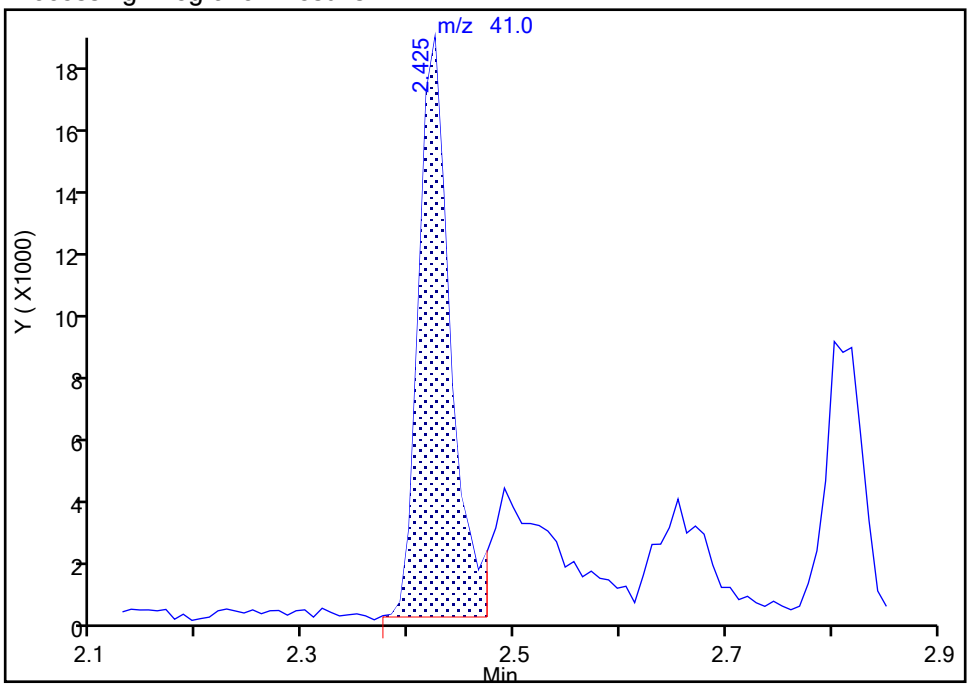
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Acetonitrile, CAS: 75-05-8

Signal: 1

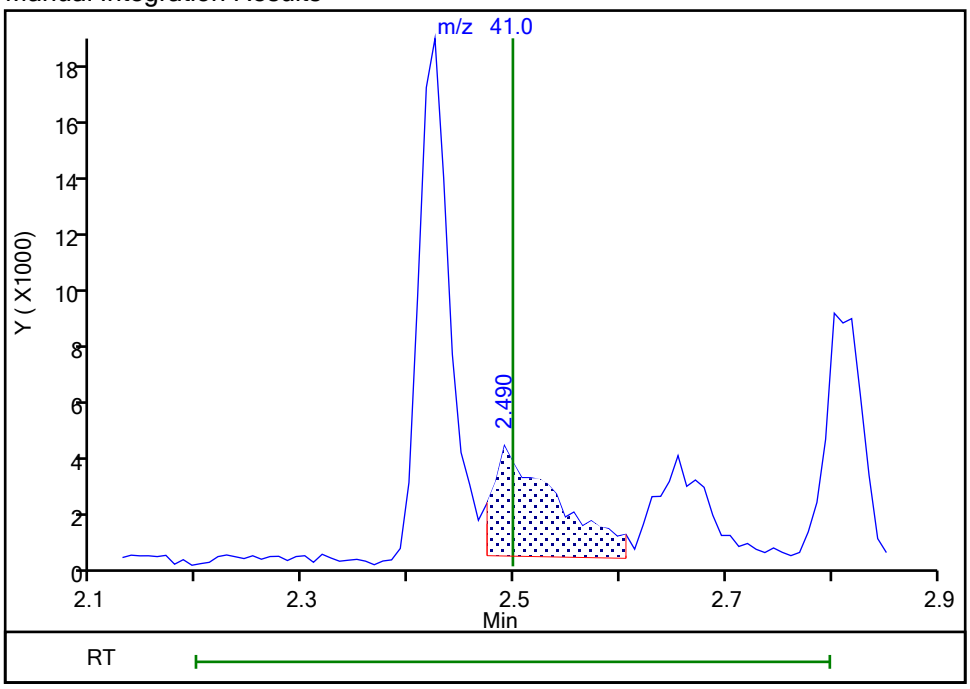
Processing Integration Results

RT: 2.42
Area: 37830
Amount: 72.254354
Amount Units: ug/l



Manual Integration Results

RT: 2.49
Area: 16404
Amount: 40.918708
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:24:33 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

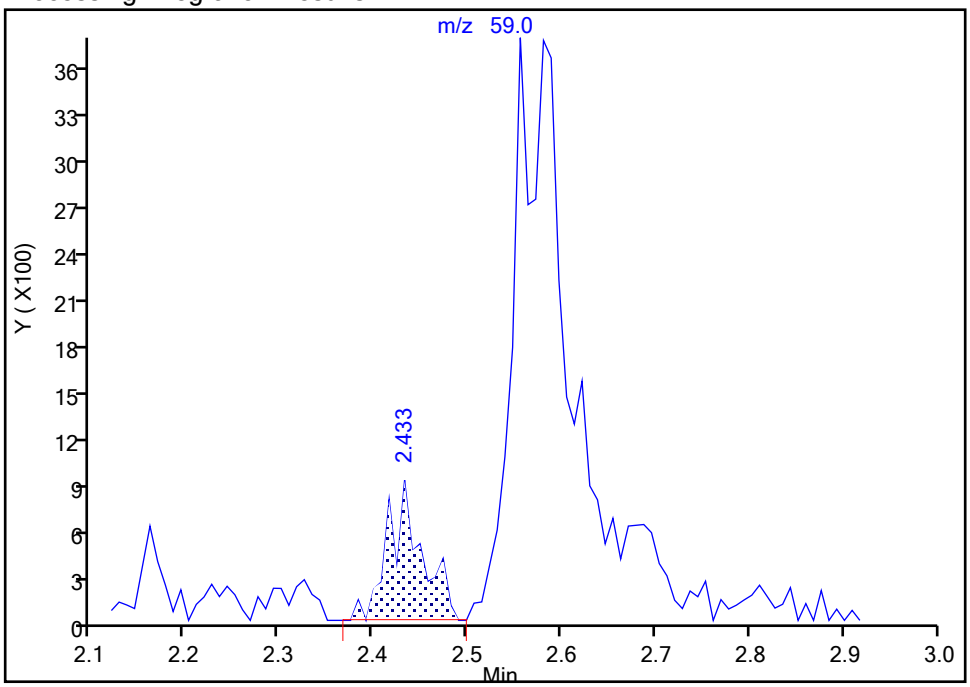
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

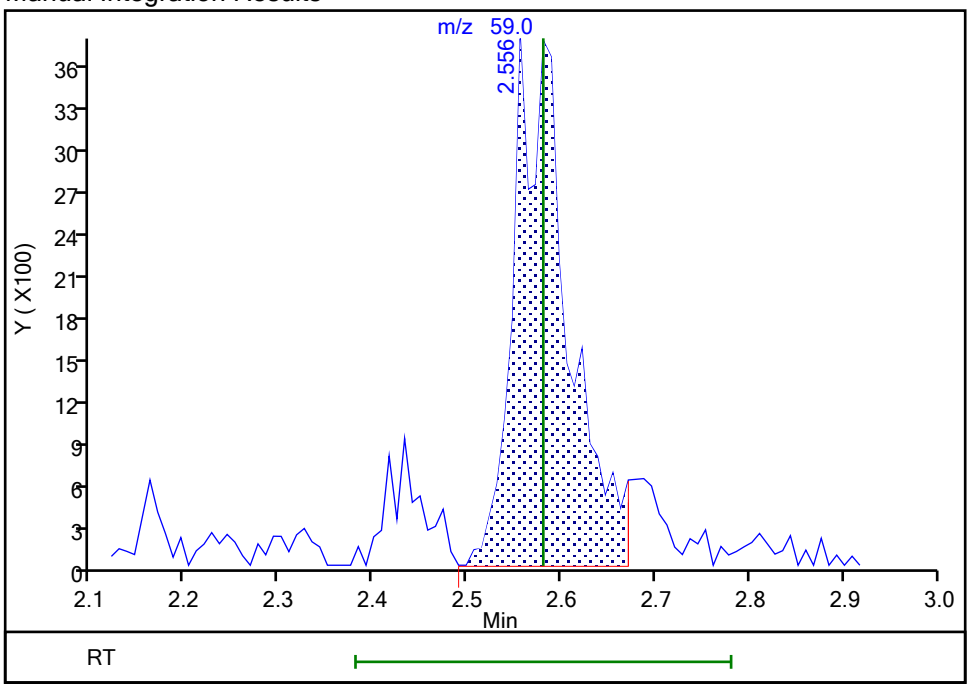
Processing Integration Results

RT: 2.43
Area: 2272
Amount: 13.850557
Amount Units: ug/l



Manual Integration Results

RT: 2.56
Area: 15301
Amount: 52.691321
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:57:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

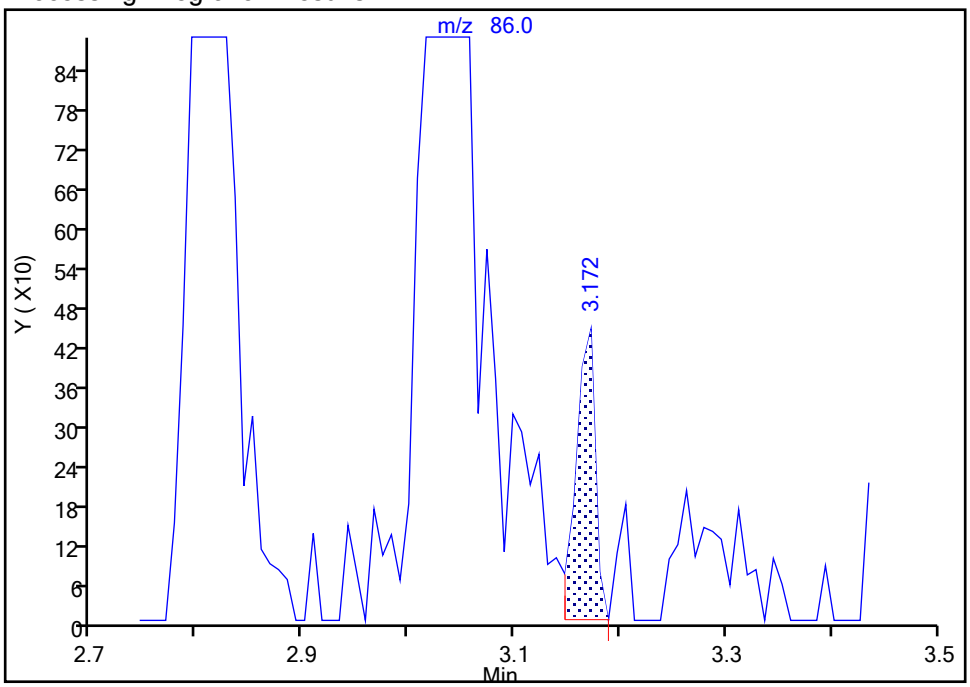
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 Vinyl acetate, CAS: 108-05-4

Signal: 1

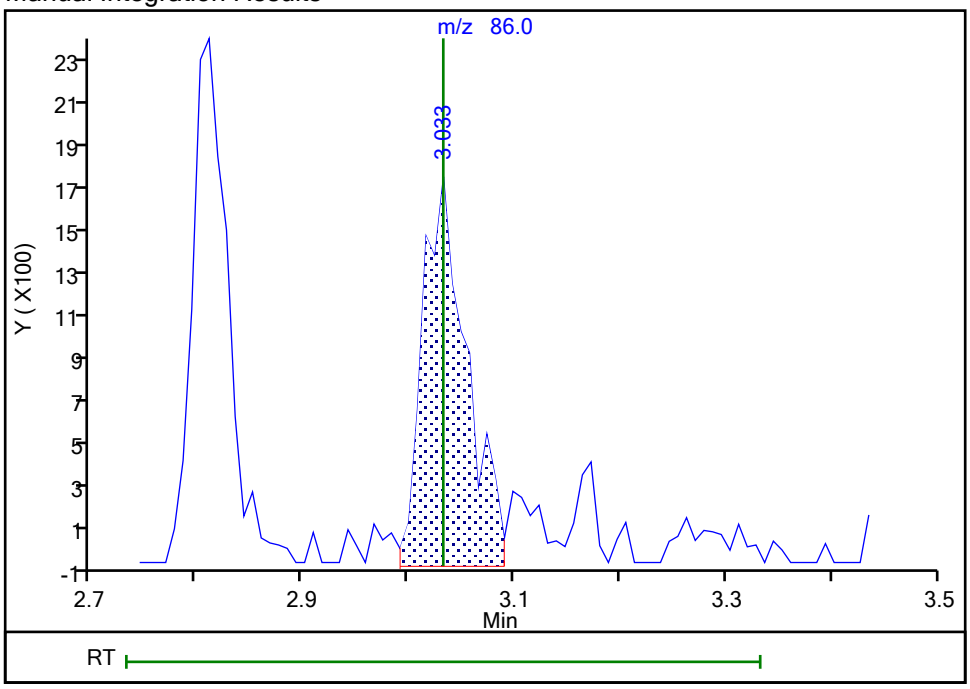
Processing Integration Results

RT: 3.17
Area: 564
Amount: 1.009349
Amount Units: ug/l



Manual Integration Results

RT: 3.03
Area: 4953
Amount: 7.286756
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:40:41 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

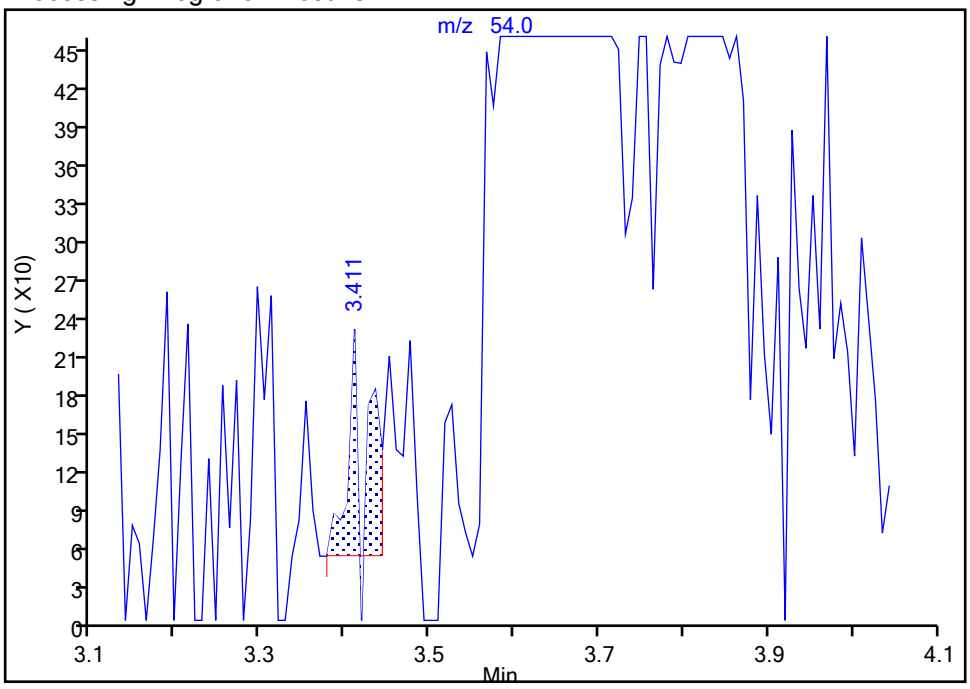
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

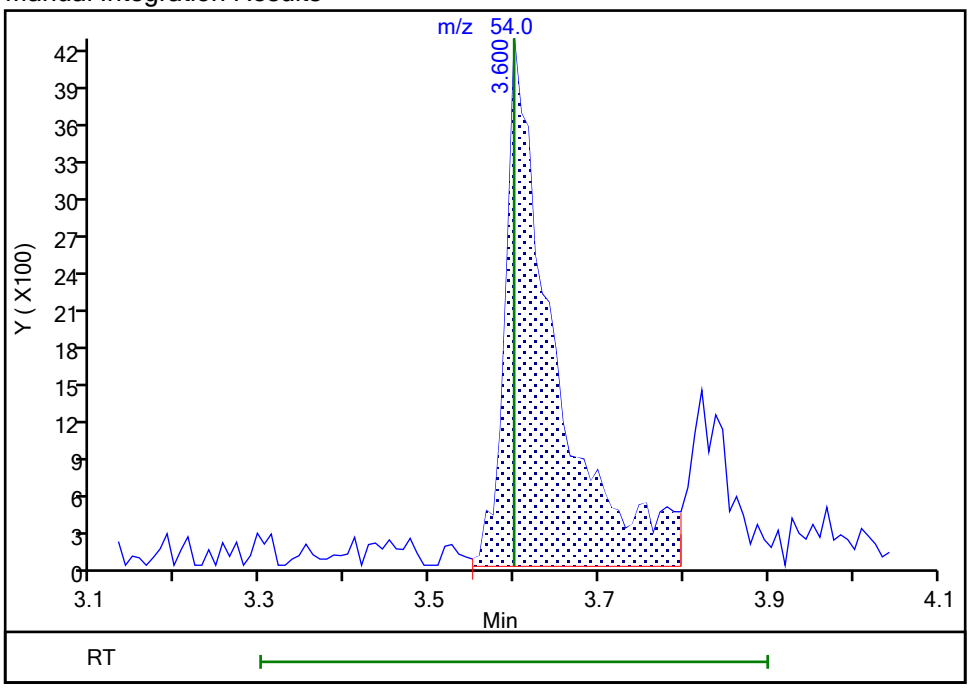
Processing Integration Results

RT: 3.41
Area: 276
Amount: 0.843129
Amount Units: ug/l



Manual Integration Results

RT: 3.60
Area: 17310
Amount: 46.284979
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:58:16 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

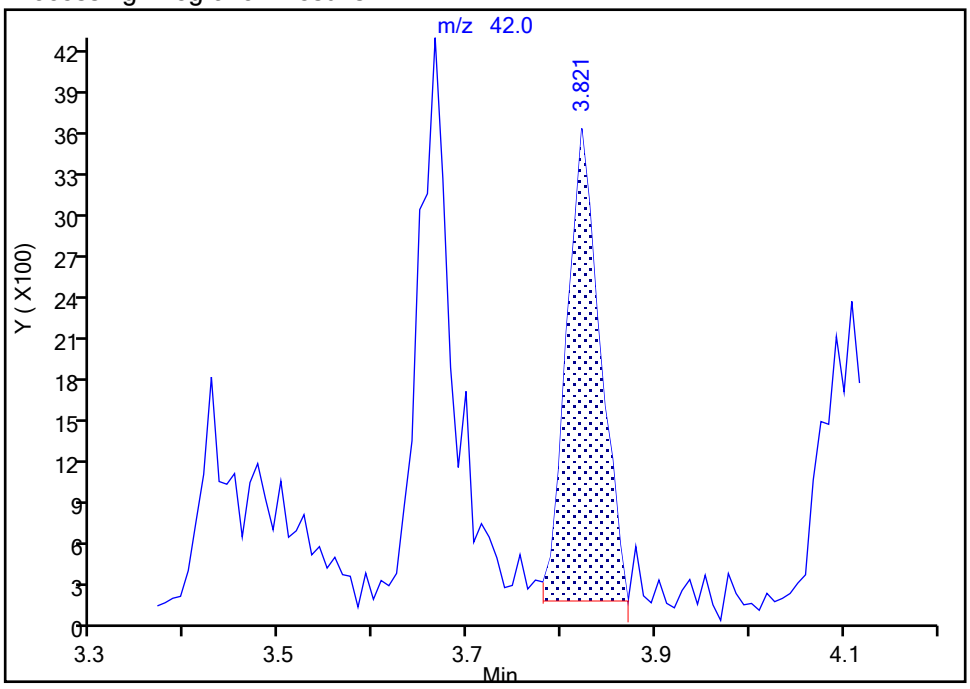
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

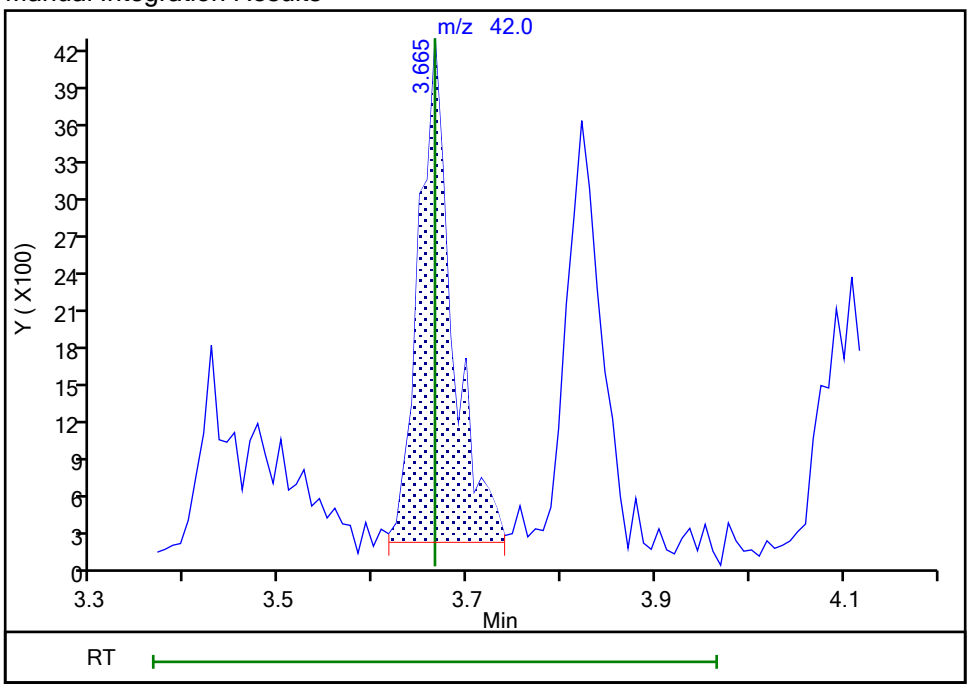
Processing Integration Results

RT: 3.82
Area: 8630
Amount: 8.464988
Amount Units: ug/l



Manual Integration Results

RT: 3.67
Area: 10145
Amount: 9.020027
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:24:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

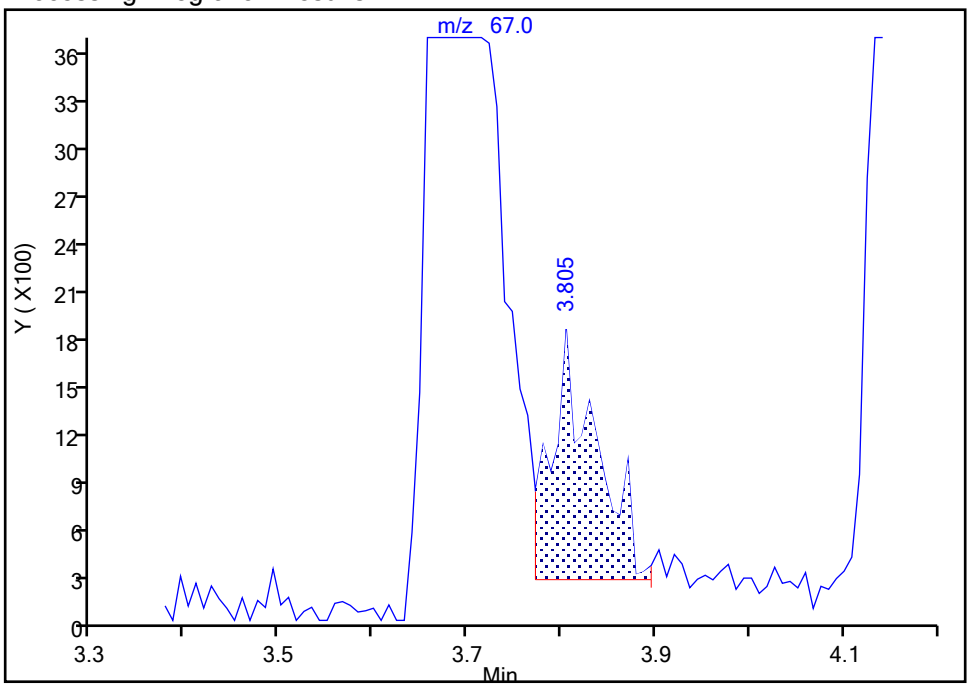
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methacrylonitrile, CAS: 126-98-7

Signal: 1

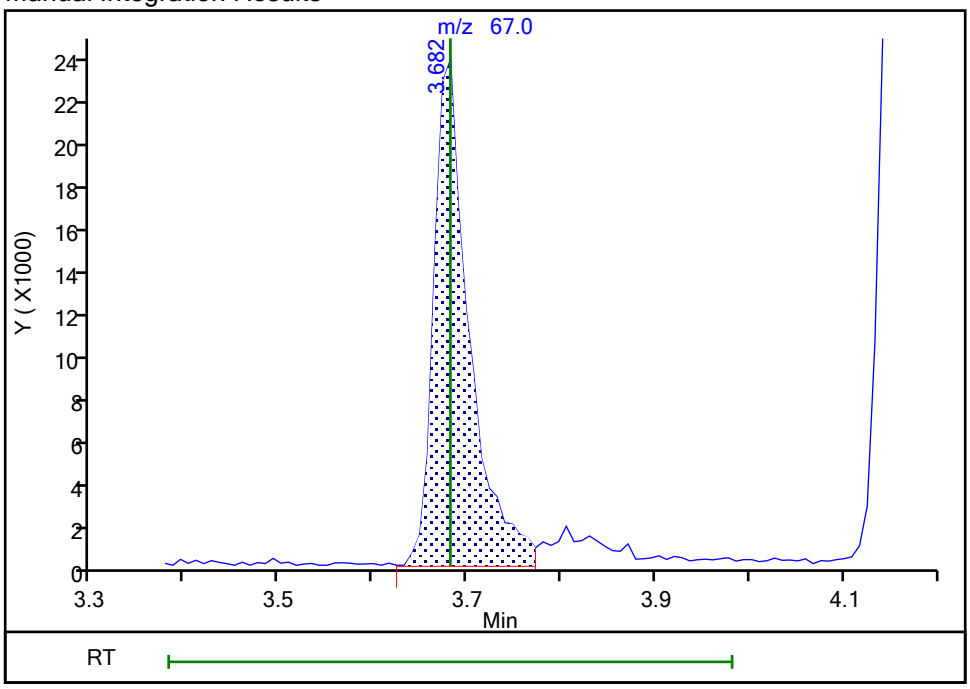
Processing Integration Results

RT: 3.81
Area: 5313
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.68
Area: 62824
Amount: 45.538562
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:58:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

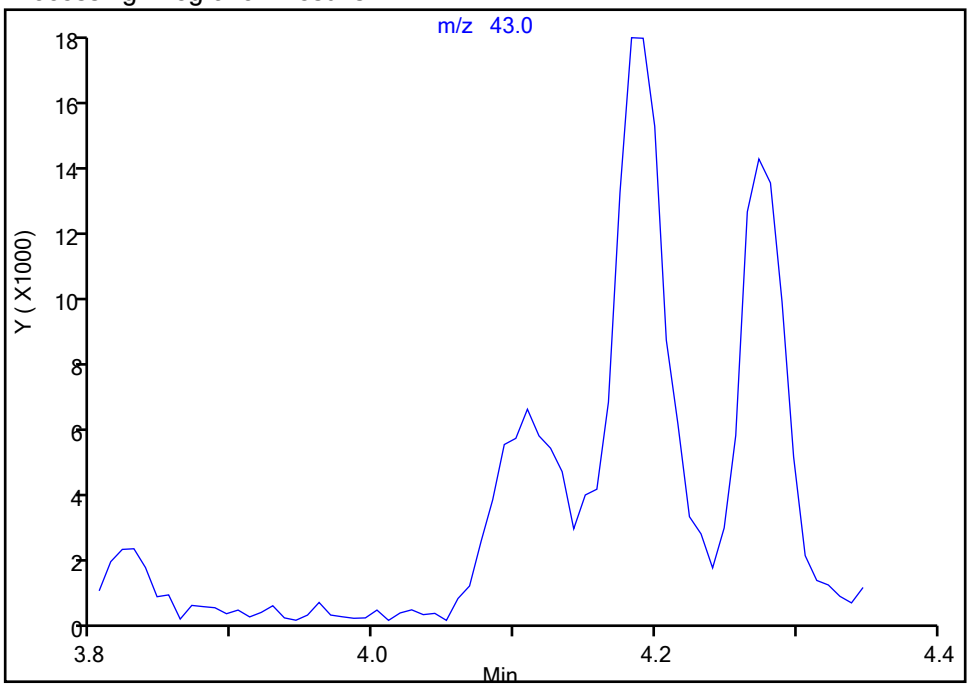
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

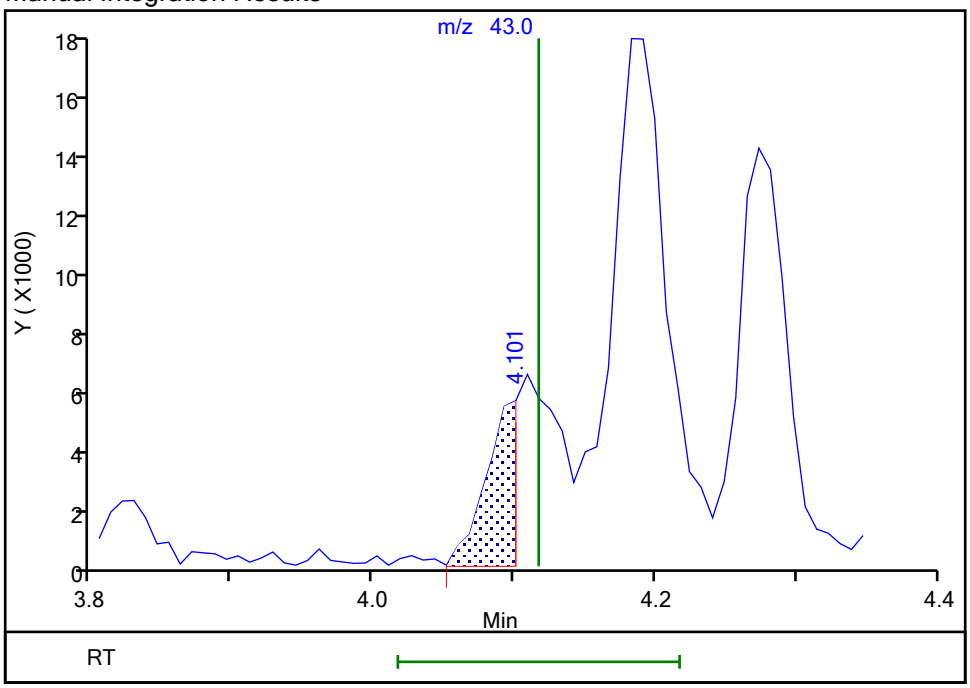
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.10
Area: 8815
Amount: 82.547749
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:32:00 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

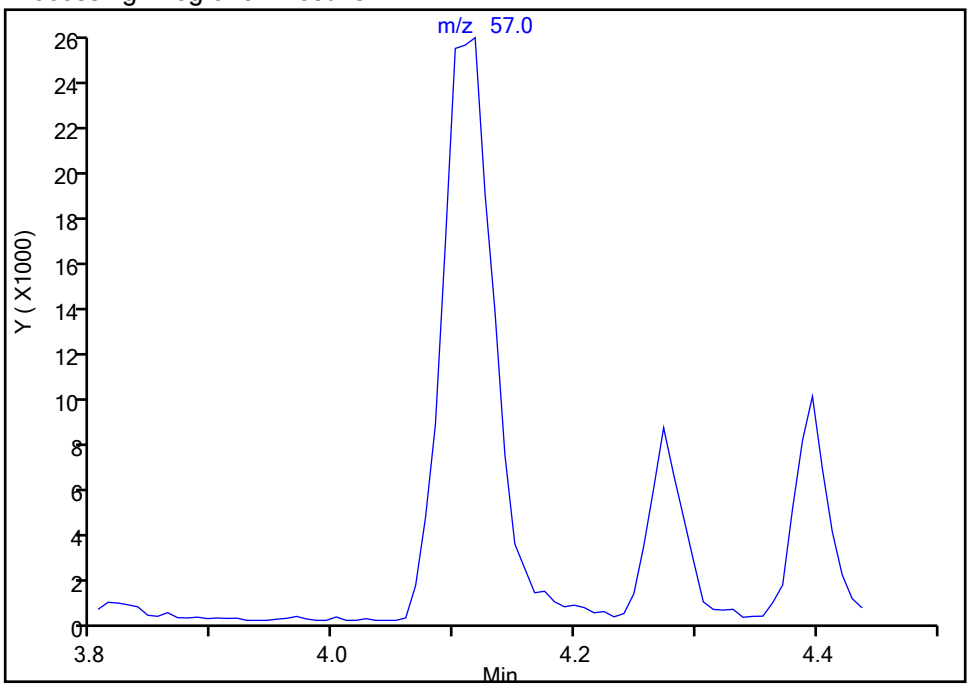
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Isooctane, CAS: 540-84-1

Signal: 1

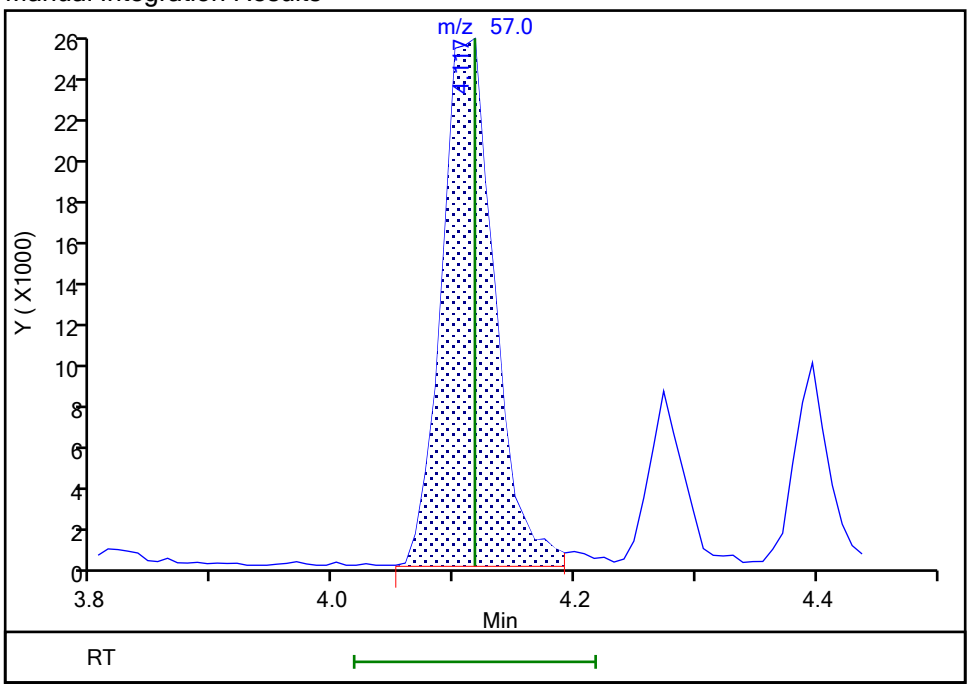
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.12
Area: 75979
Amount: 4.666351
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:58:39 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

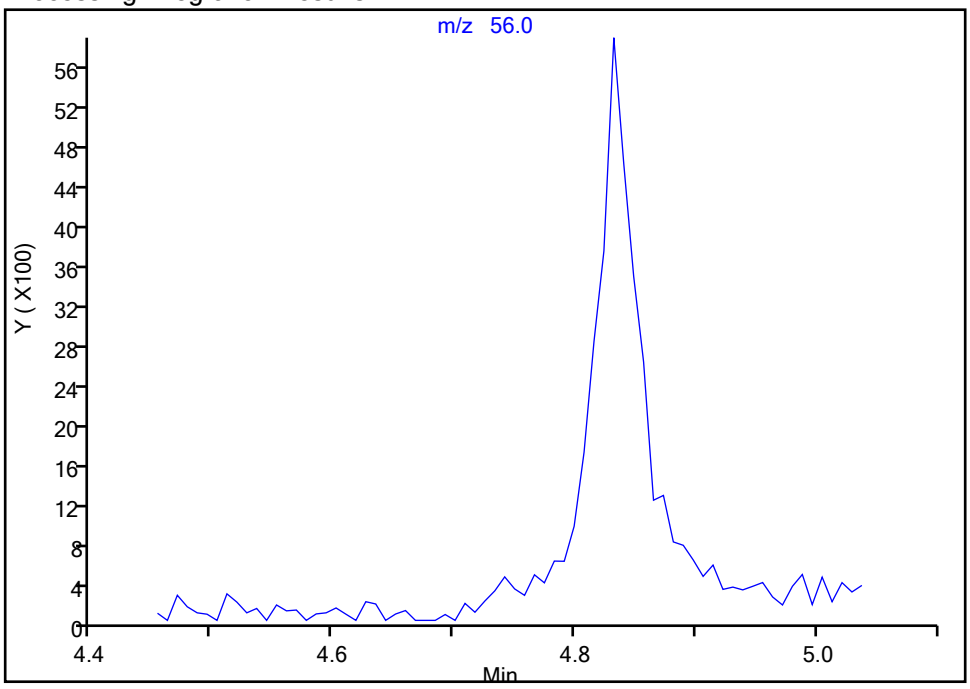
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 n-Butanol, CAS: 71-36-3

Signal: 1

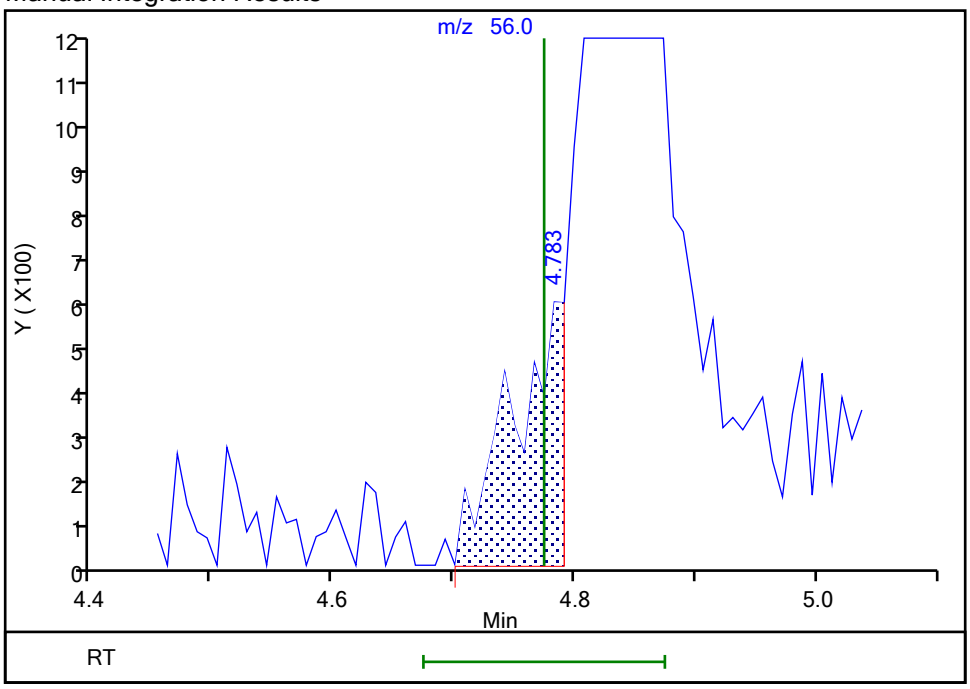
Not Detected
Expected RT: 4.77

Processing Integration Results



Manual Integration Results

RT: 4.78
Area: 1864
Amount: 35.520264
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:24:57 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

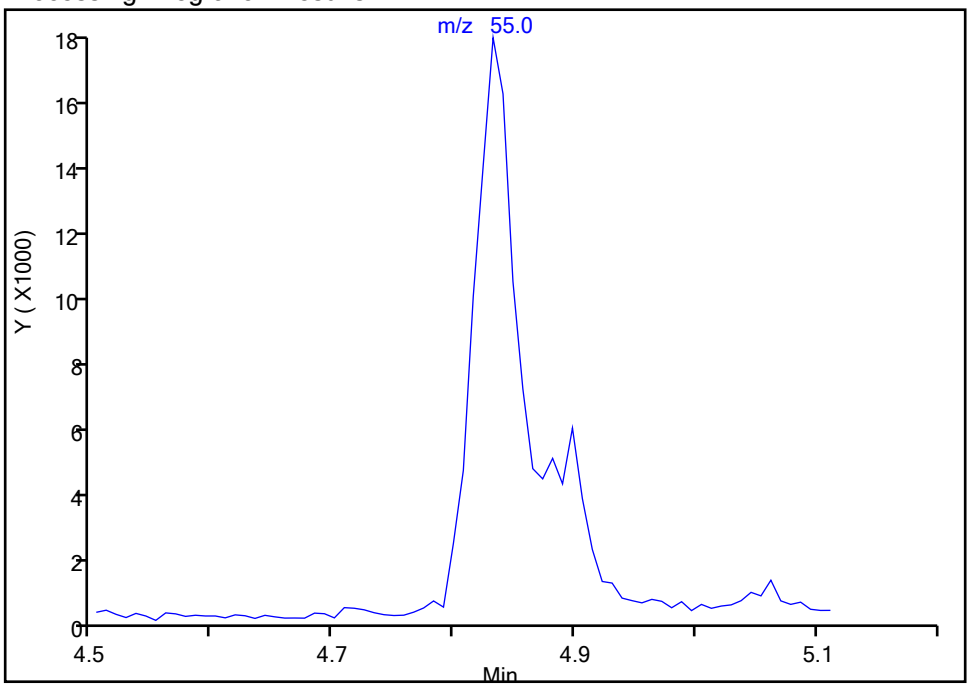
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Ethyl acrylate, CAS: 140-88-5

Signal: 1

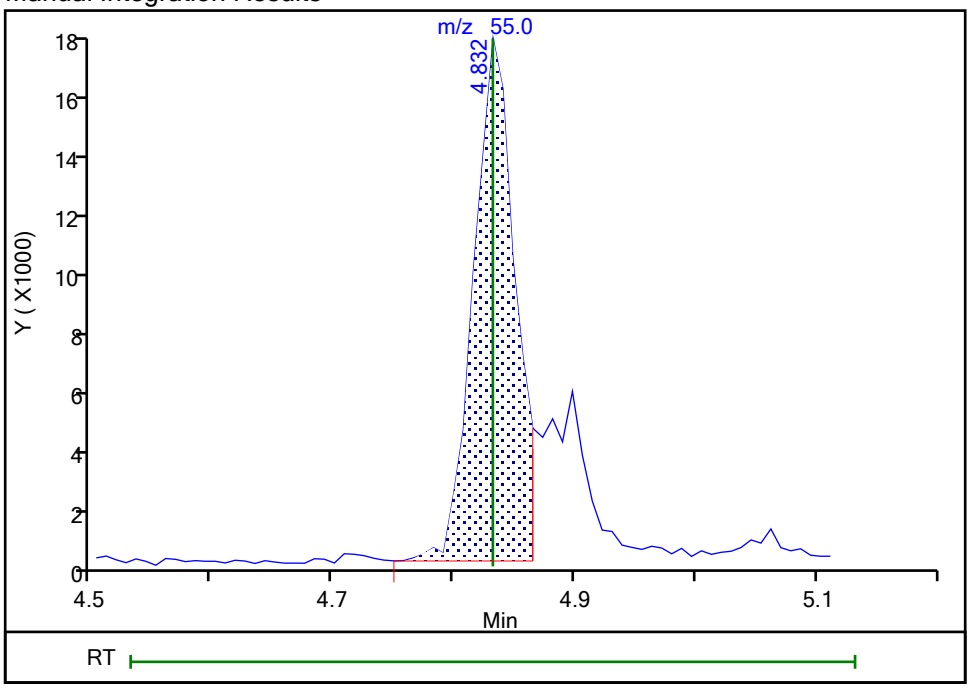
Not Detected
Expected RT: 4.83

Processing Integration Results



Manual Integration Results

RT: 4.83
Area: 42027
Amount: 4.270816
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:58:47 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

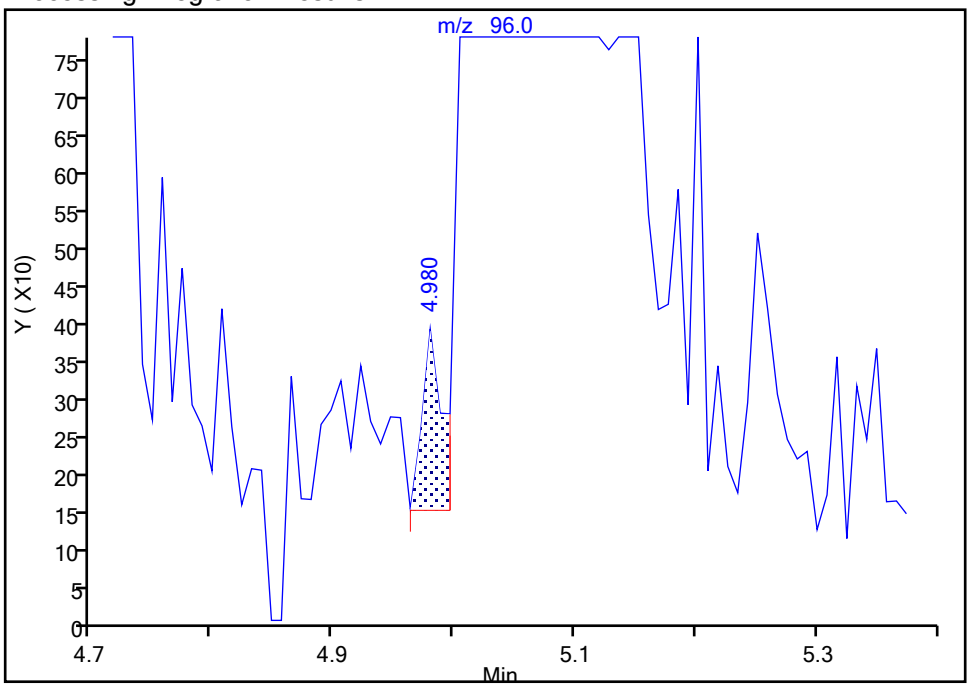
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

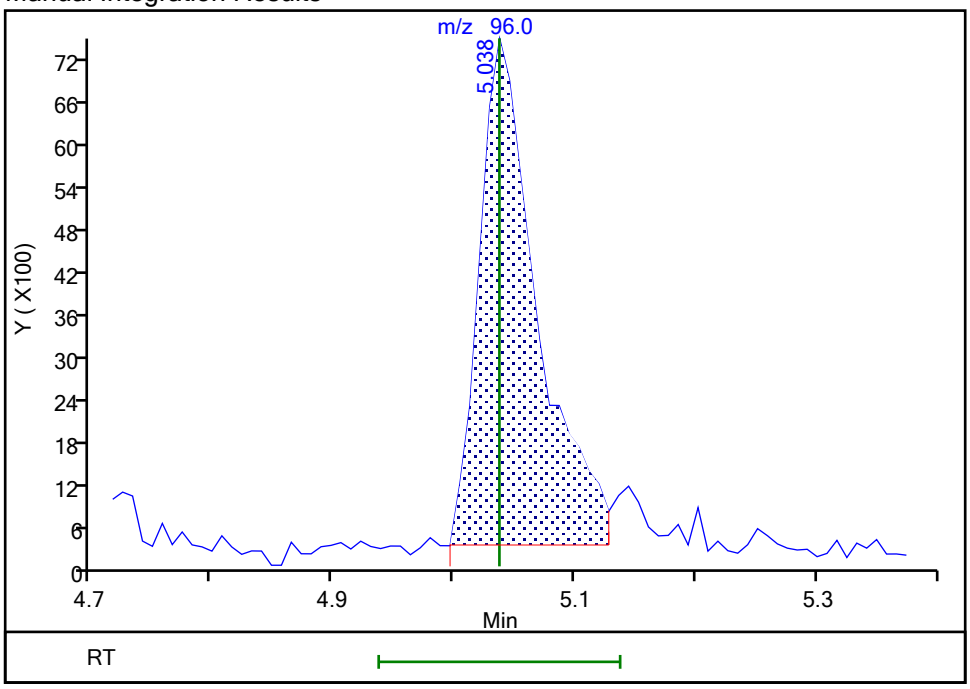
Processing Integration Results

RT: 4.98
Area: 292
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.04
Area: 23944
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:35:41 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

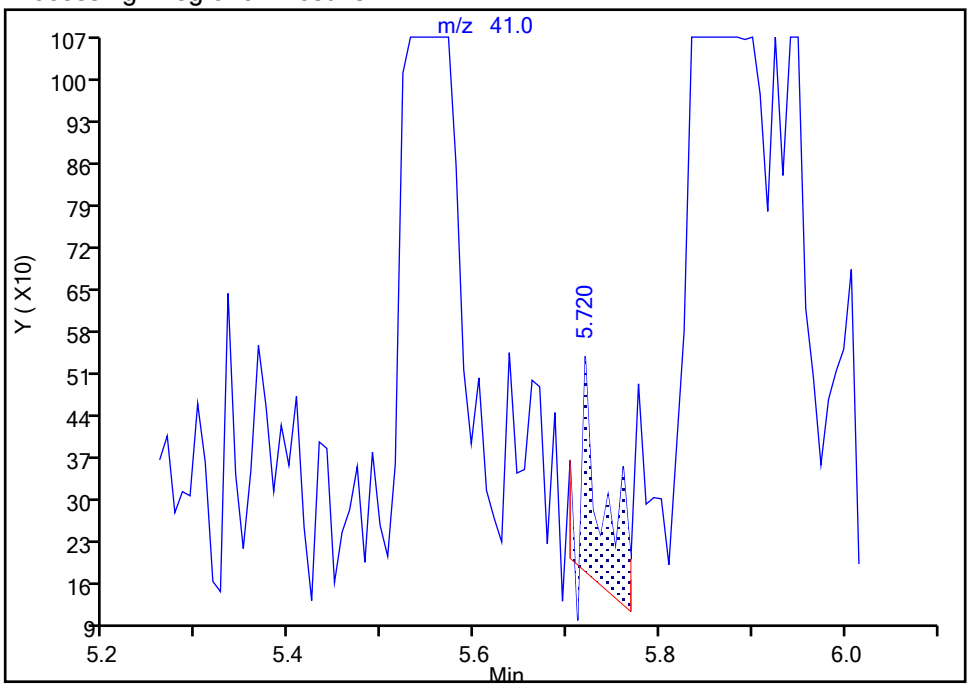
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

74 2-Nitropropane, CAS: 79-46-9

Signal: 1

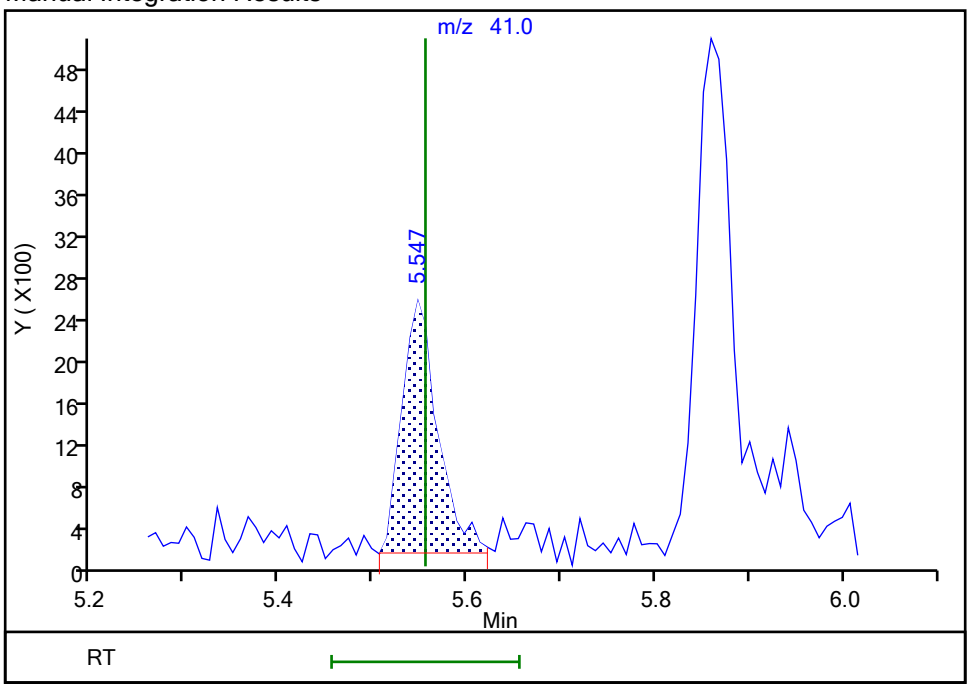
Processing Integration Results

RT: 5.72
Area: 590
Amount: 3.411485
Amount Units: ug/l



Manual Integration Results

RT: 5.55
Area: 6353
Amount: 8.874943
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:59:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

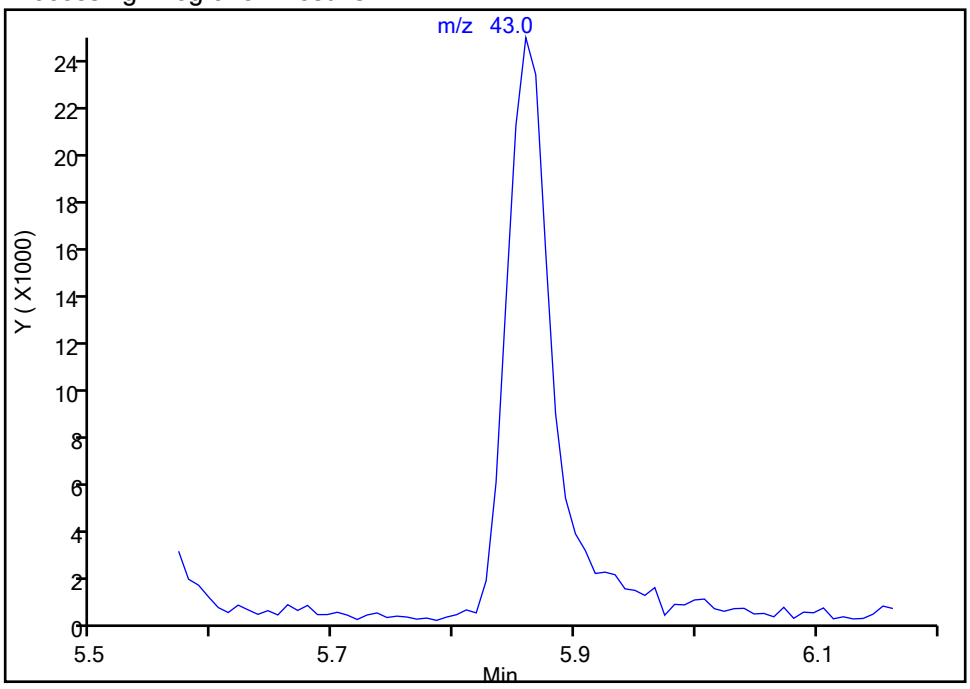
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

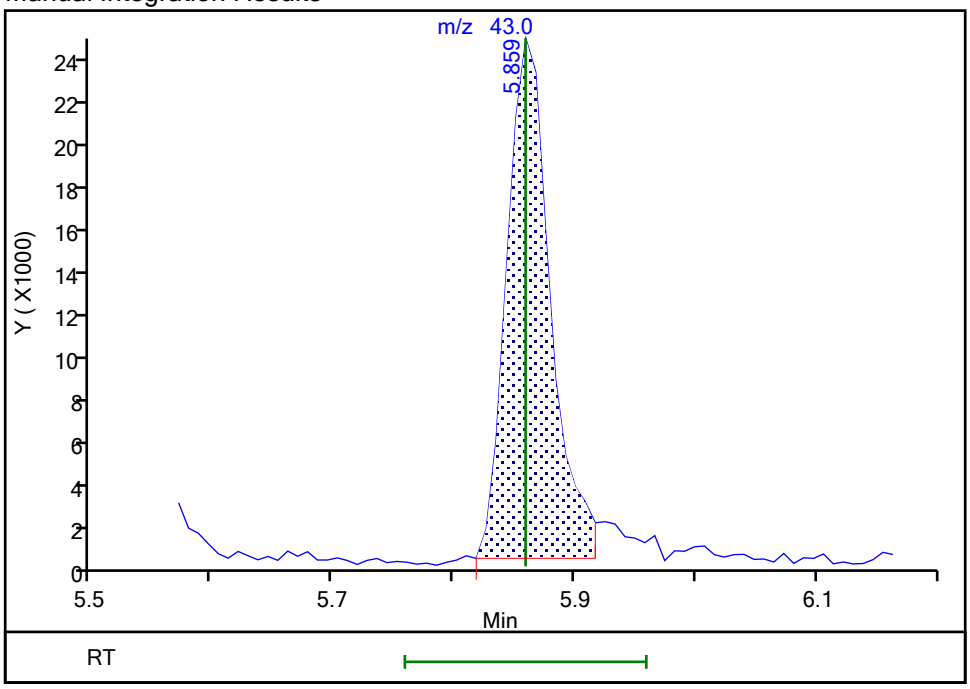
Not Detected
Expected RT: 5.86

Processing Integration Results



Manual Integration Results

RT: 5.86
Area: 59482
Amount: 22.133391
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:59:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

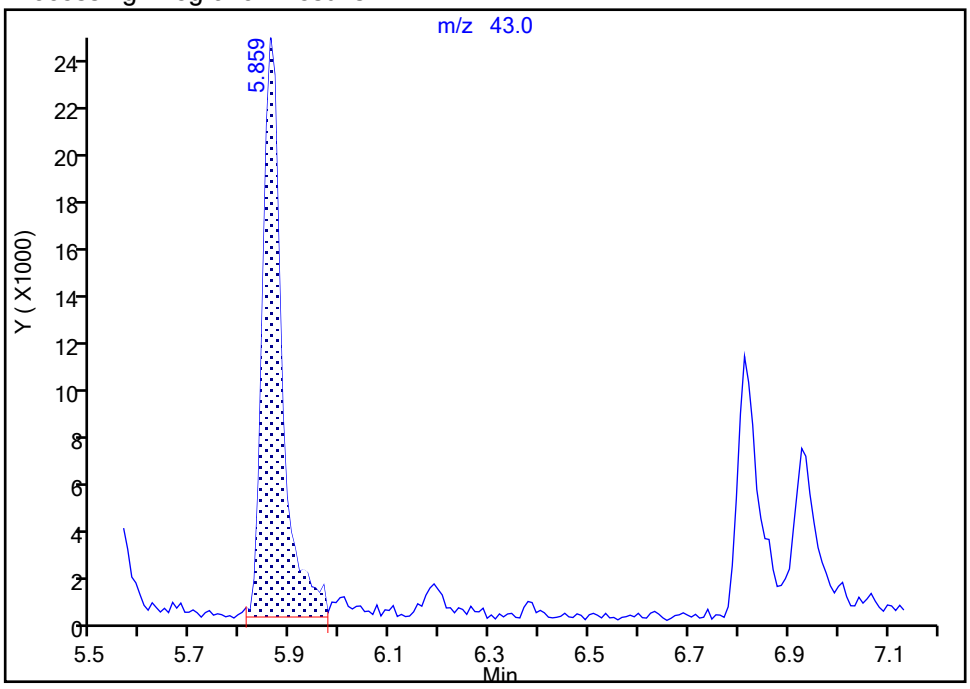
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Hexanone, CAS: 591-78-6

Signal: 1

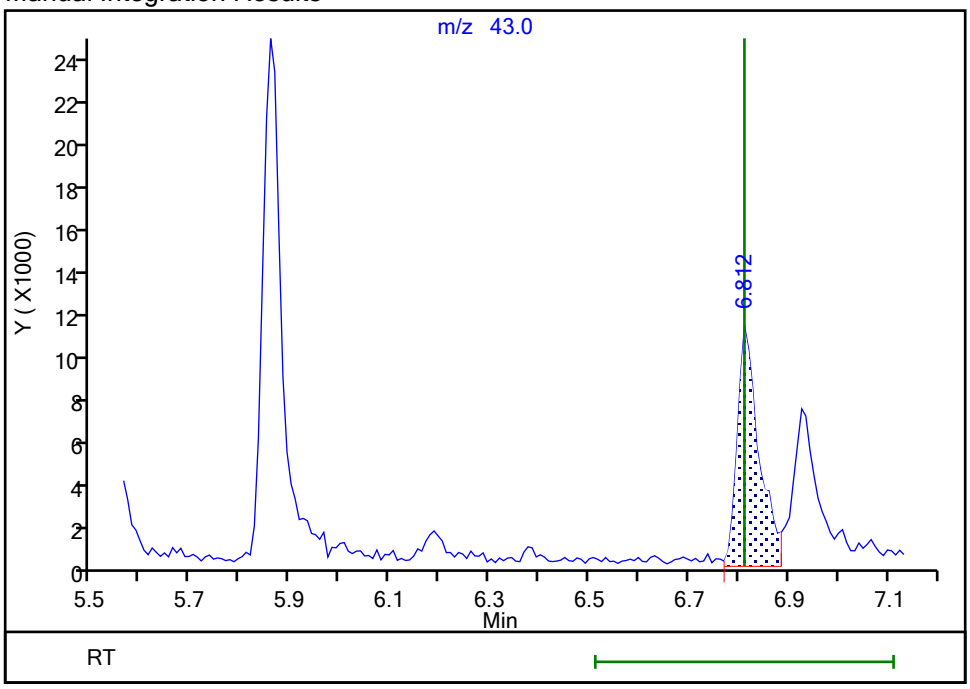
Processing Integration Results

RT: 5.86
Area: 66081
Amount: 18.669360
Amount Units: ug/l



Manual Integration Results

RT: 6.81
Area: 33330
Amount: 17.971506
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:47:35 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

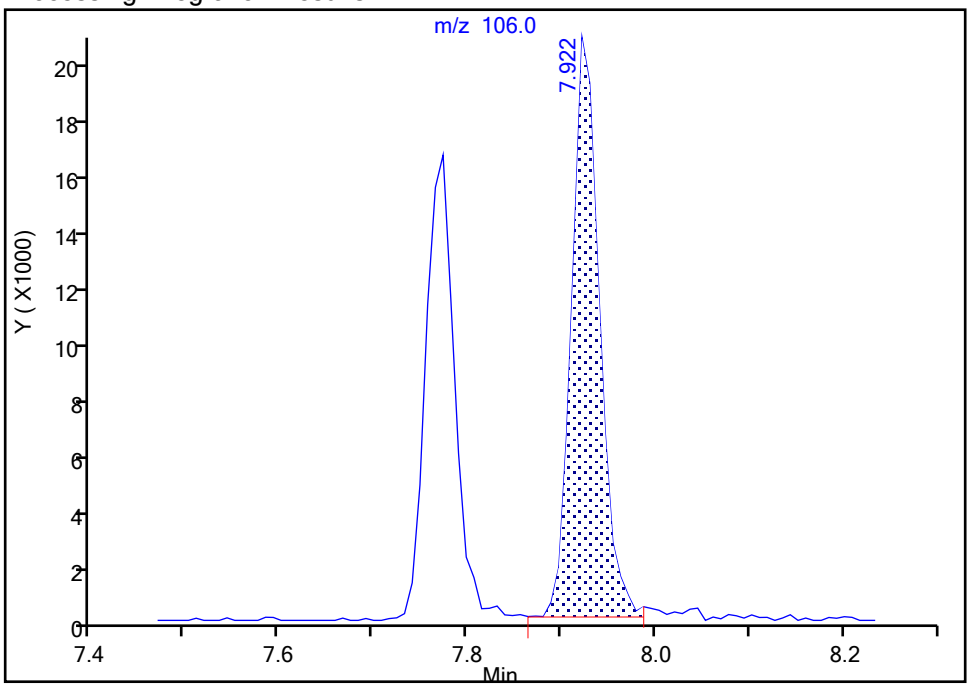
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

91 Ethylbenzene, CAS: 100-41-4

Signal: 1

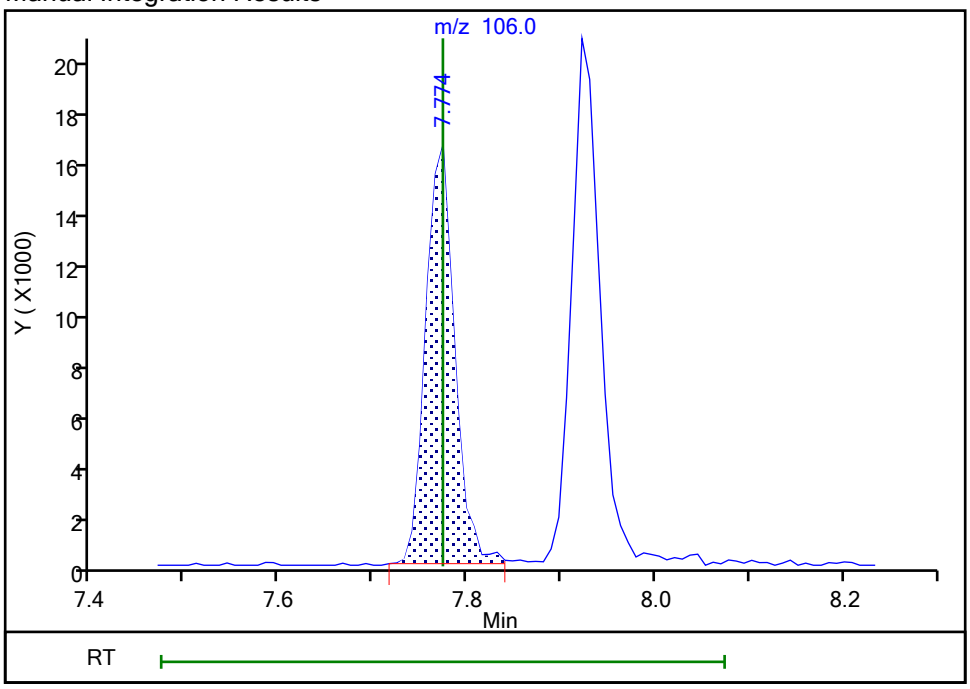
Processing Integration Results

RT: 7.92
Area: 41240
Amount: 5.506749
Amount Units: ug/l



Manual Integration Results

RT: 7.77
Area: 34139
Amount: 4.801172
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:59:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

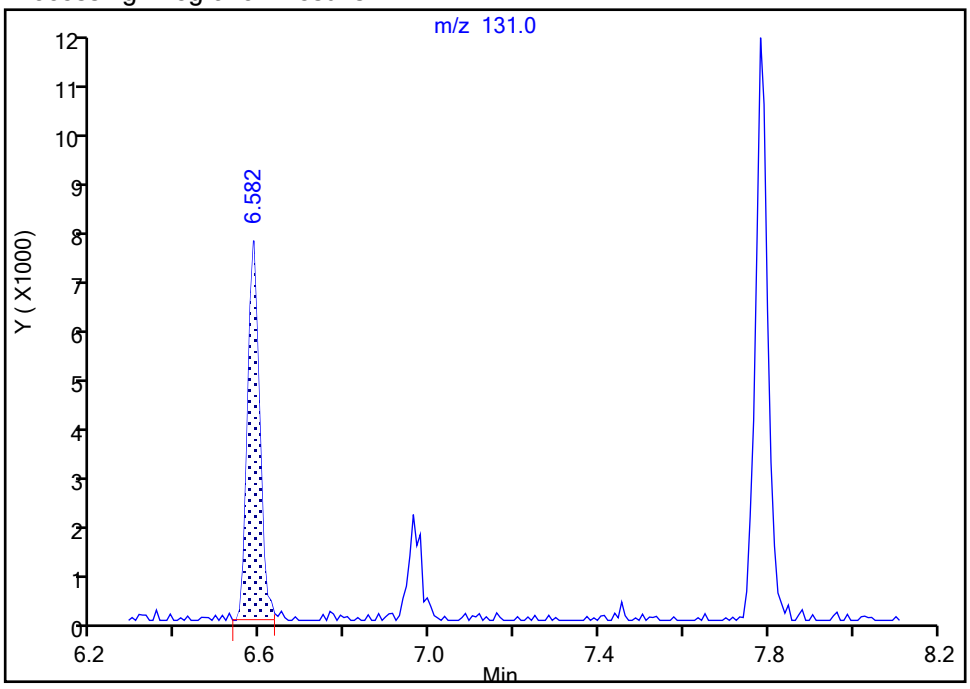
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

92 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

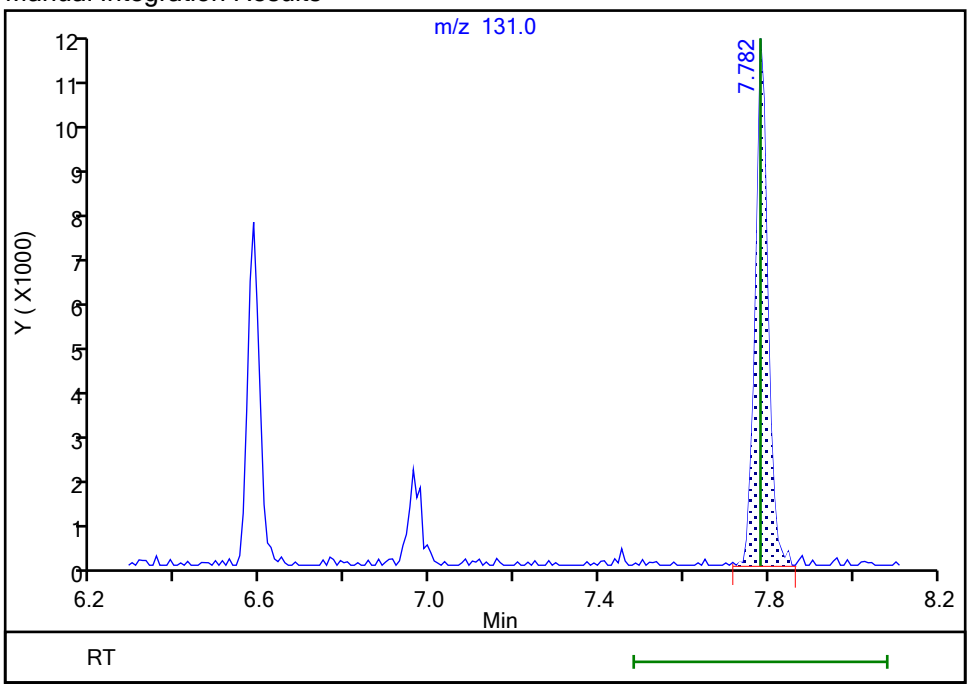
Processing Integration Results

RT: 6.58
Area: 15229
Amount: 4.482260
Amount Units: ug/l



Manual Integration Results

RT: 7.78
Area: 24468
Amount: 5.100692
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:27:26 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

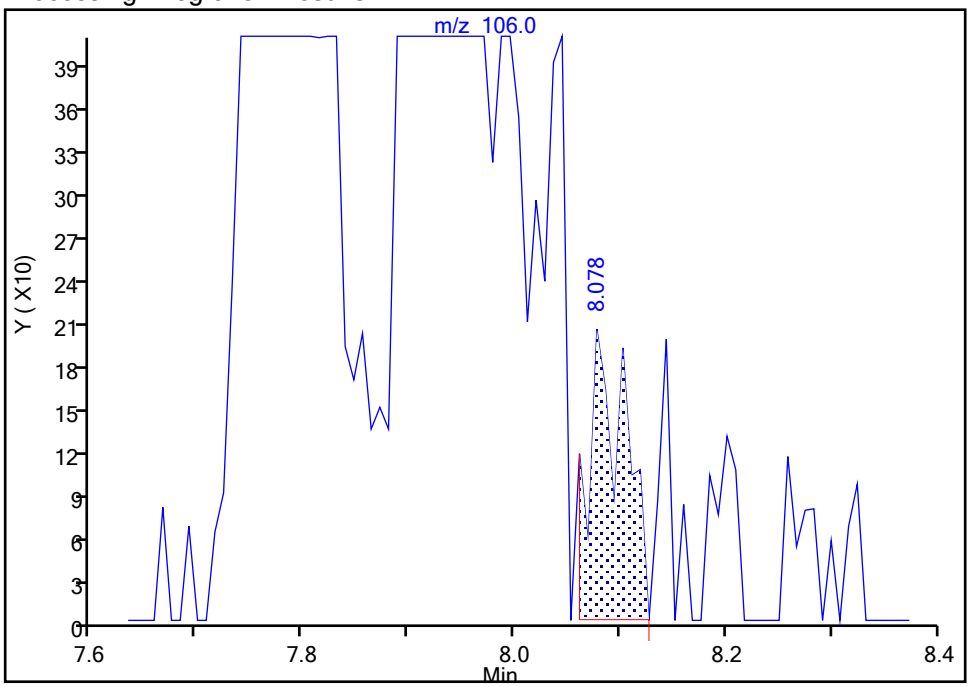
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

93 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

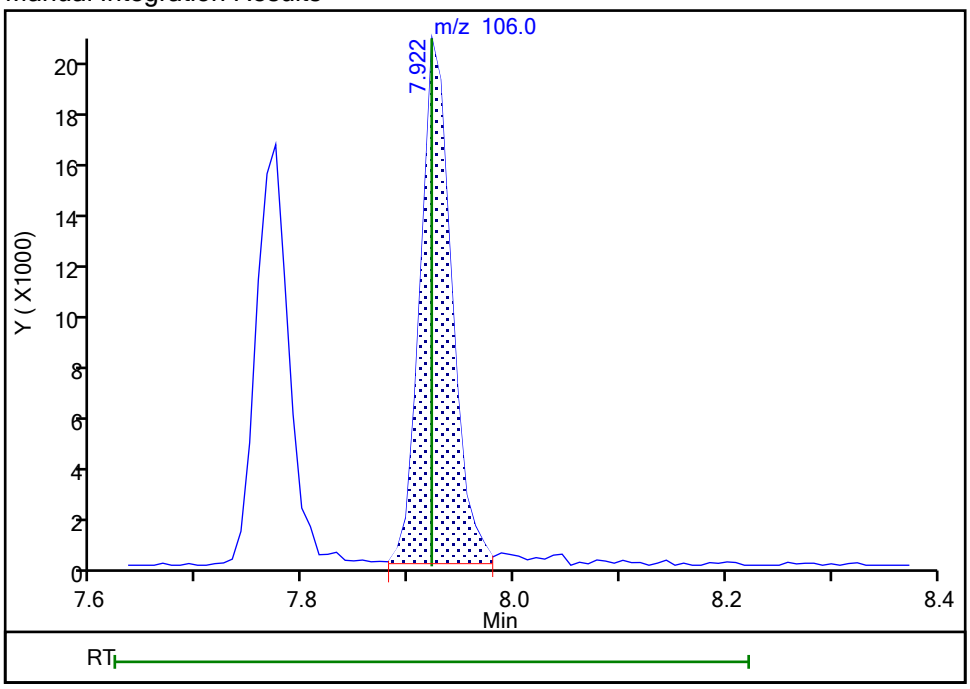
Processing Integration Results

RT: 8.08
Area: 493
Amount: 0.125489
Amount Units: ug/l



Manual Integration Results

RT: 7.92
Area: 41669
Amount: 4.818824
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:59:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

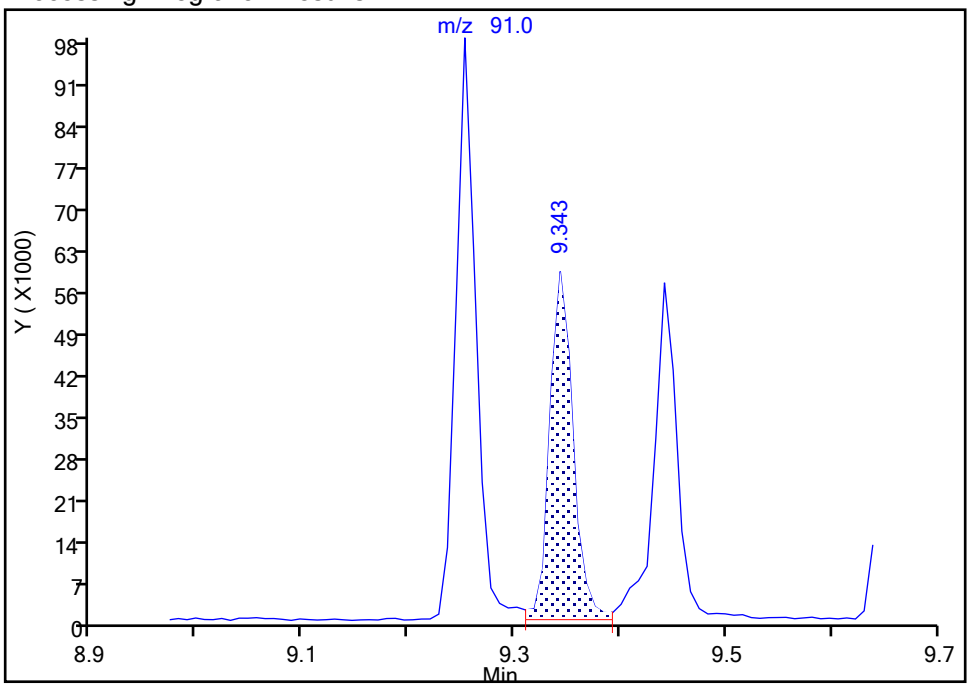
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Signal: 1

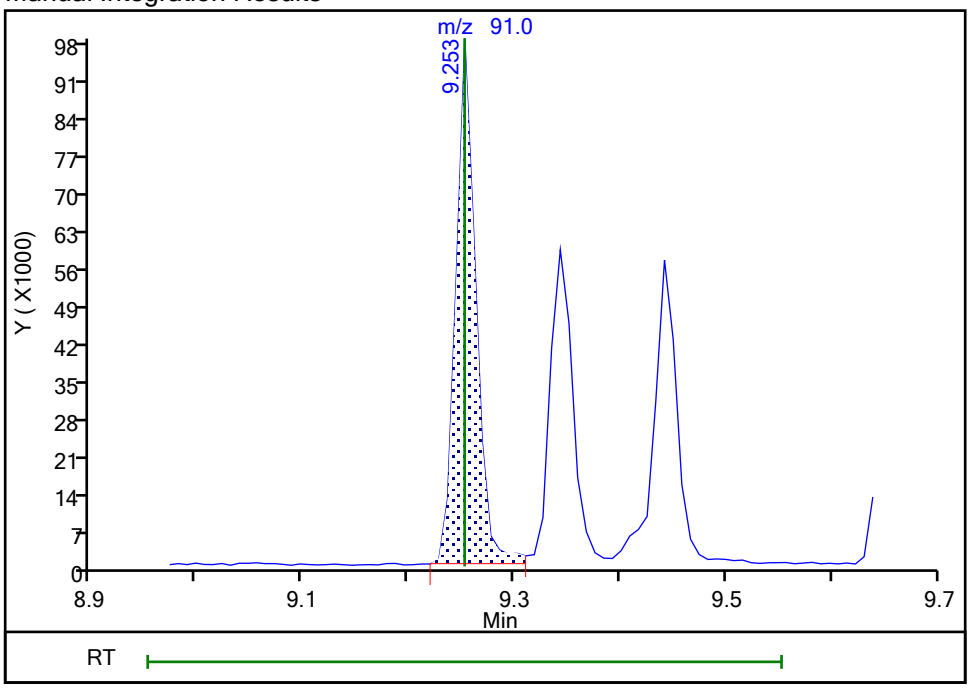
Processing Integration Results

RT: 9.34
Area: 90250
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 9.25
Area: 130278
Amount: 4.963930
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 01:59:54 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

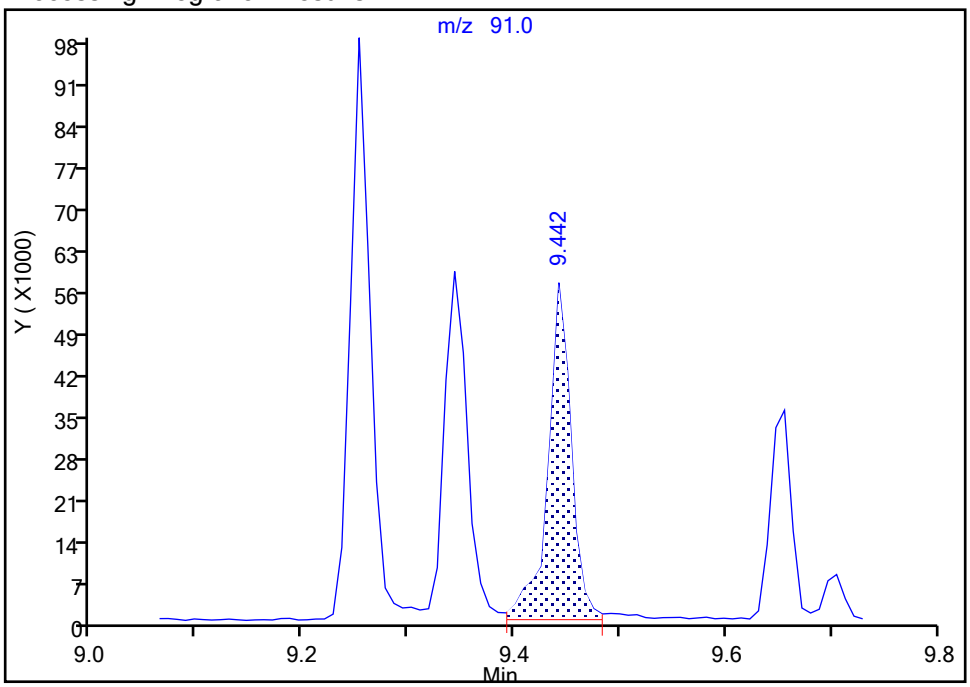
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

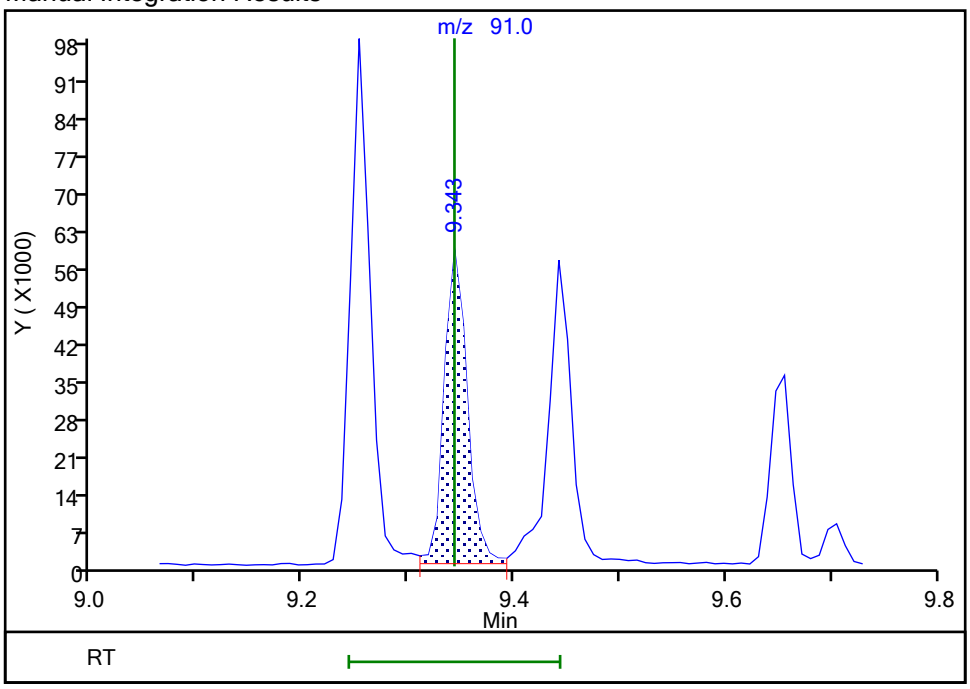
Processing Integration Results

RT: 9.44
Area: 86171
Amount: 4.993534
Amount Units: ug/l



Manual Integration Results

RT: 9.34
Area: 89616
Amount: 4.851045
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 02:00:05 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

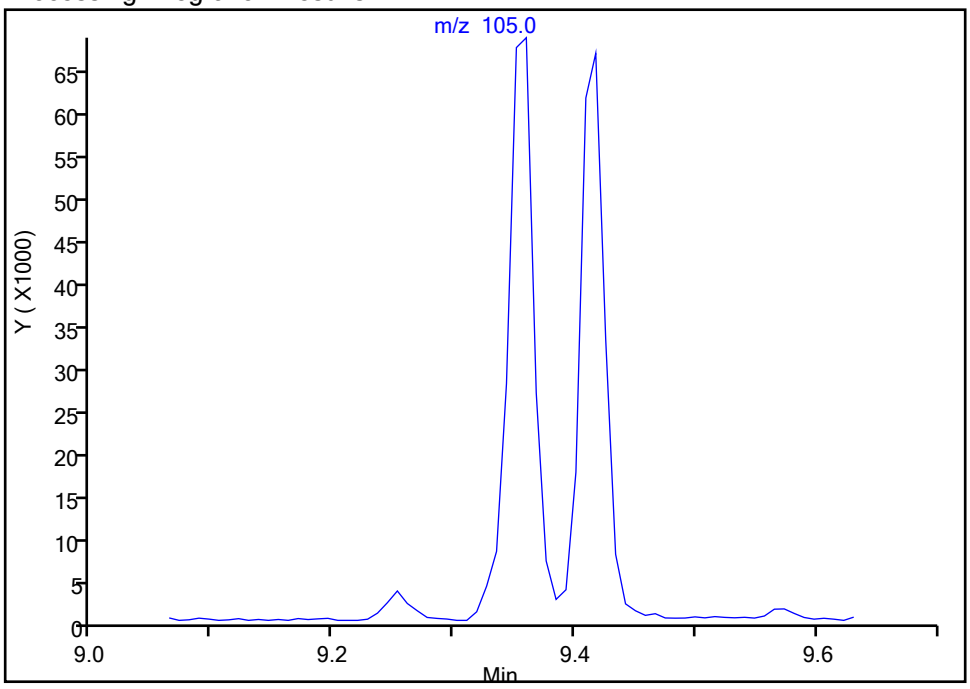
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

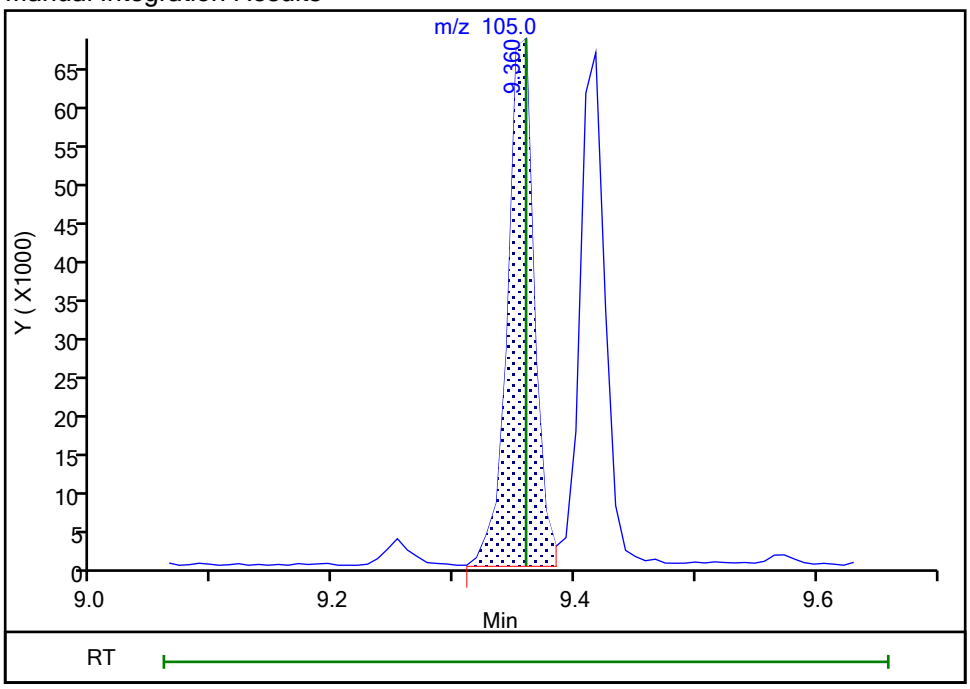
Not Detected
Expected RT: 9.36

Processing Integration Results



Manual Integration Results

RT: 9.36
Area: 104295
Amount: 4.937784
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 02:00:01 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

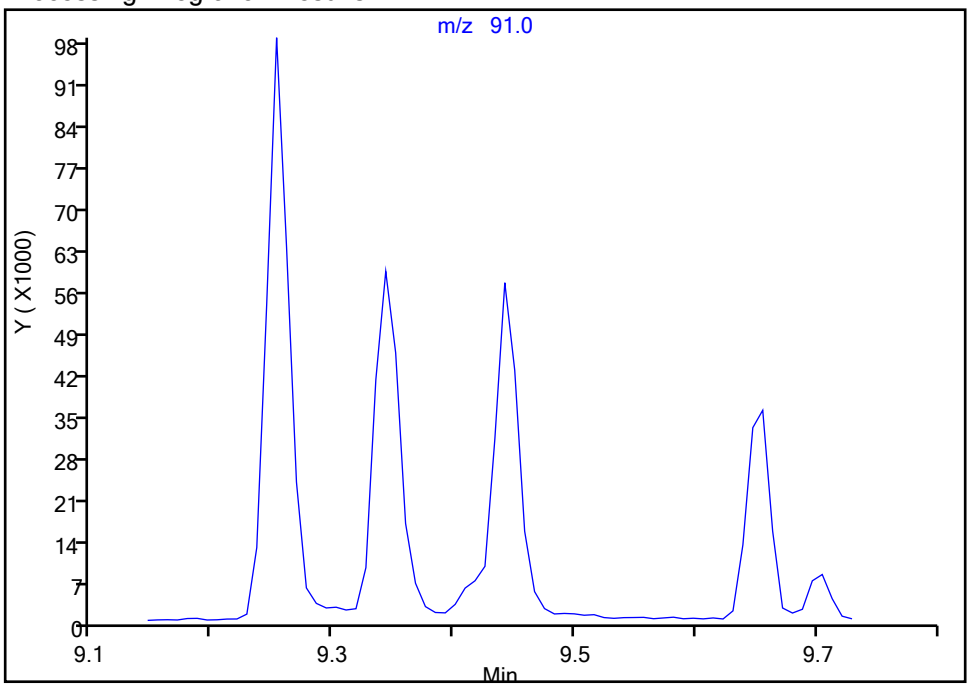
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

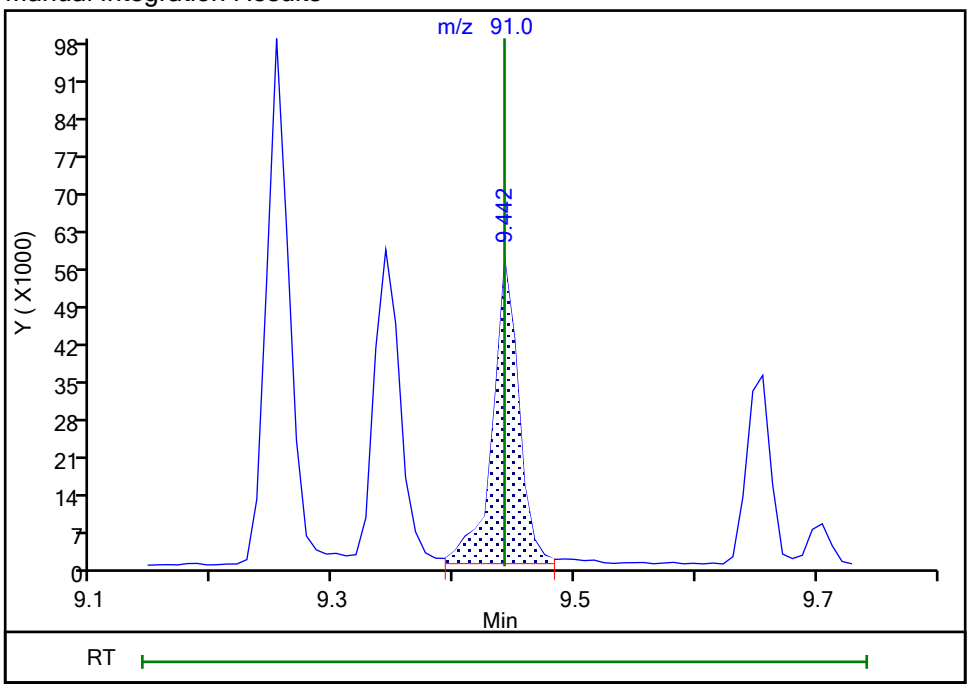
Not Detected
Expected RT: 9.44

Processing Integration Results



Manual Integration Results

RT: 9.44
Area: 85922
Amount: 5.060668
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 02:00:11 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

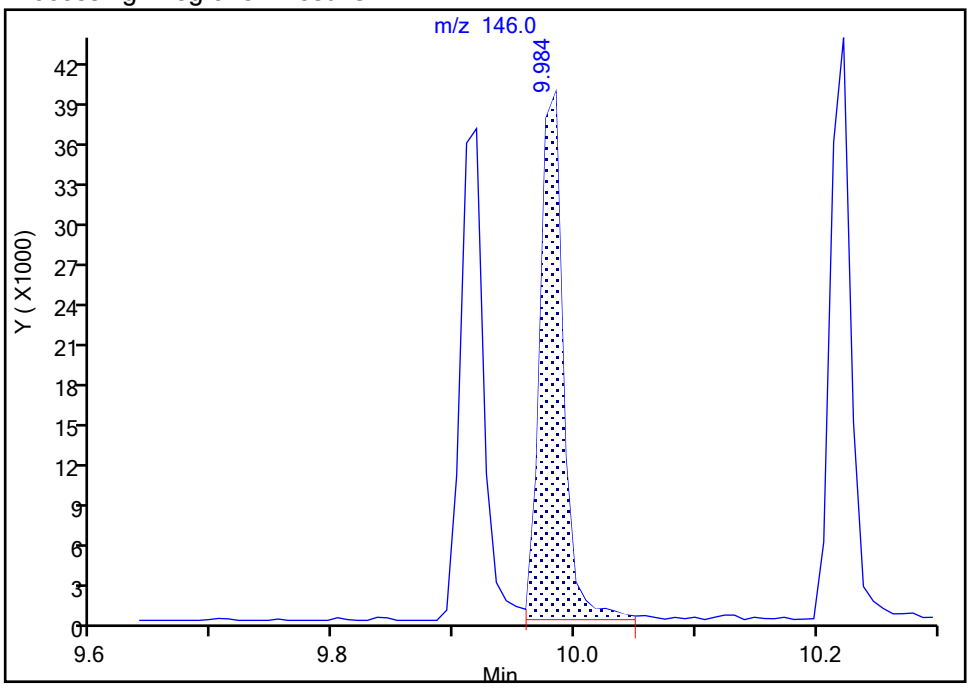
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

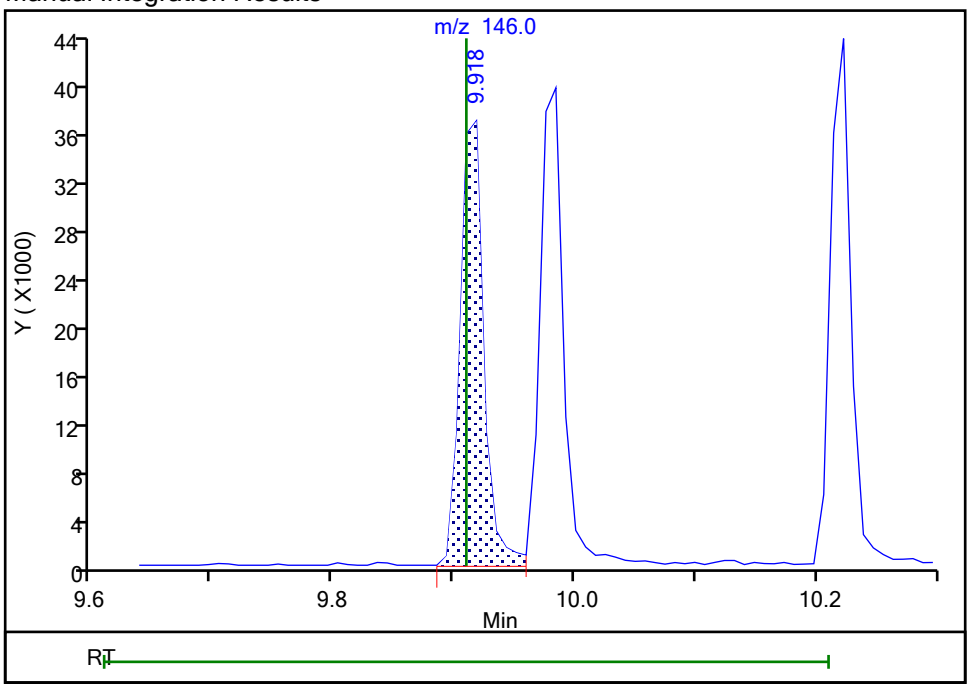
Processing Integration Results

RT: 9.98
Area: 53214
Amount: 5.393863
Amount Units: ug/l



Manual Integration Results

RT: 9.92
Area: 49638
Amount: 4.822014
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 02:00:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

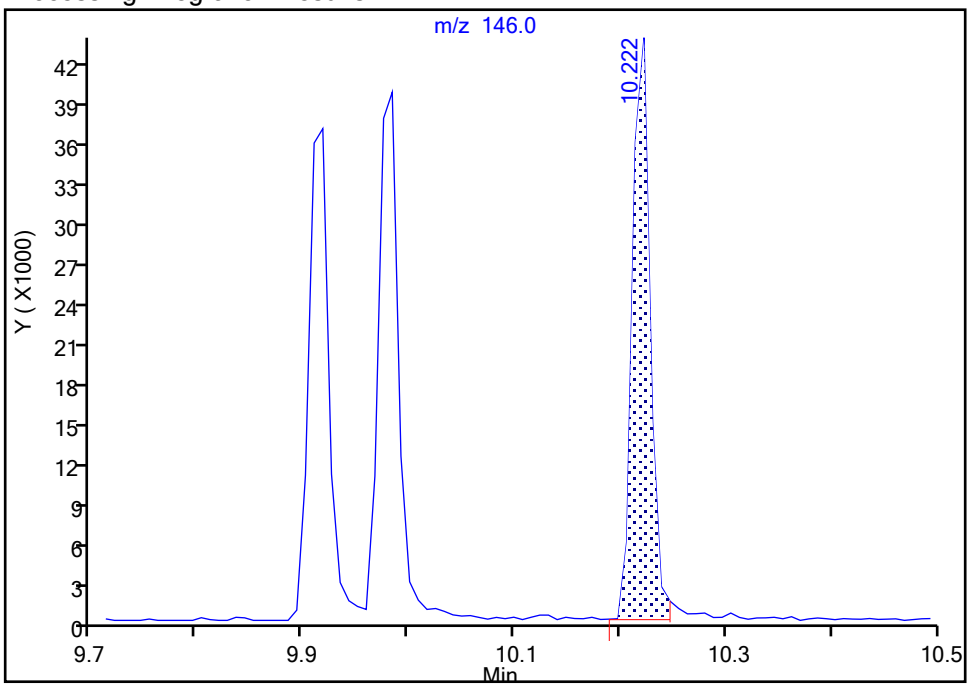
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

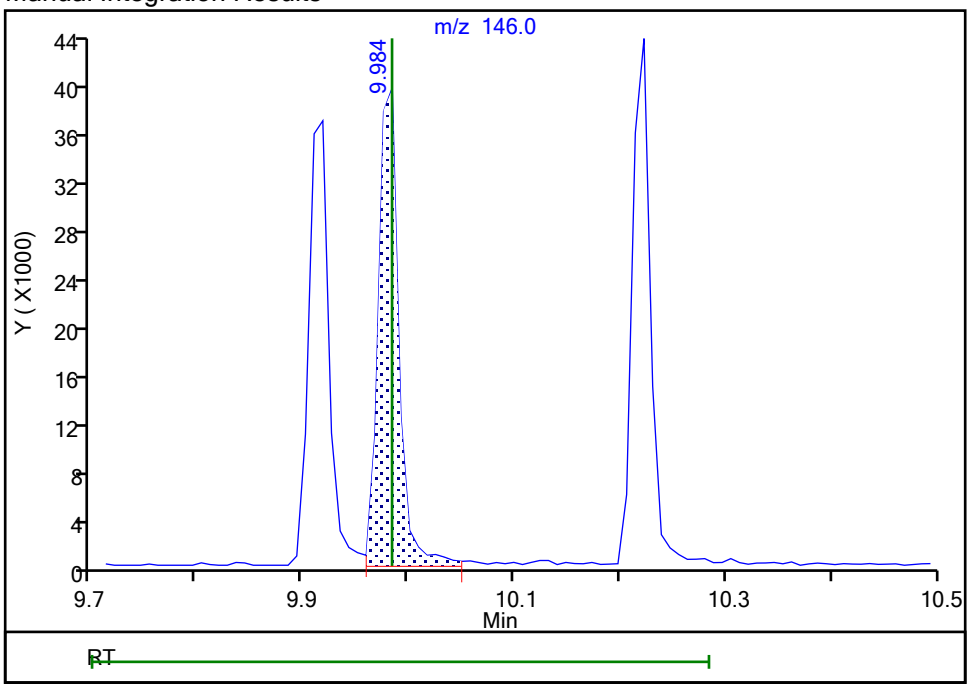
Processing Integration Results

RT: 10.22
Area: 51114
Amount: 5.086513
Amount Units: ug/l



Manual Integration Results

RT: 9.98
Area: 53214
Amount: 4.988692
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 02:00:30 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

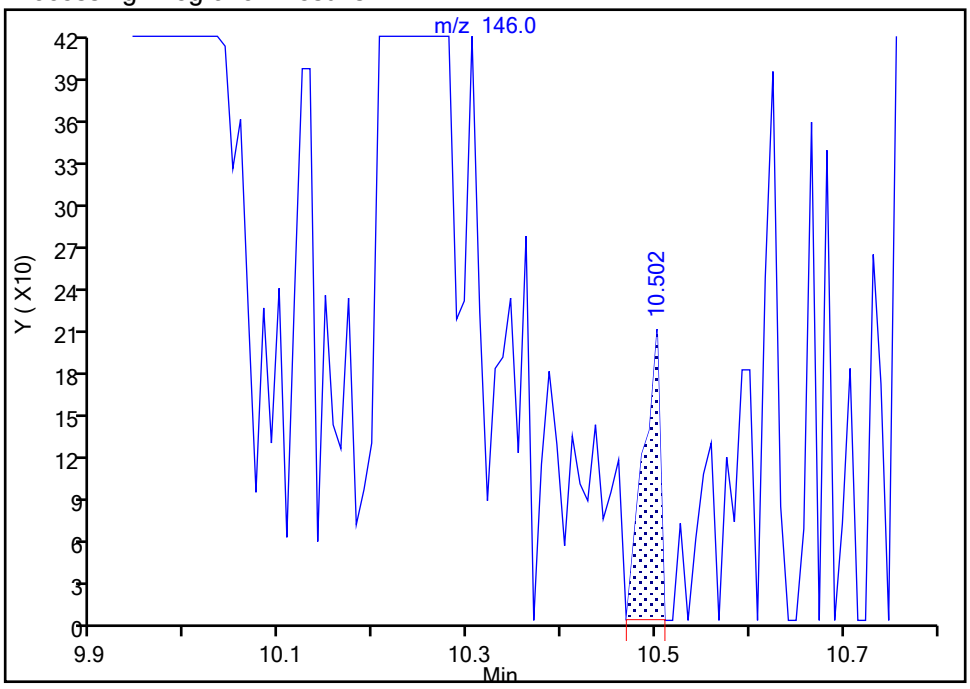
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59226.D
Injection Date: 21-Jan-2026 01:23:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

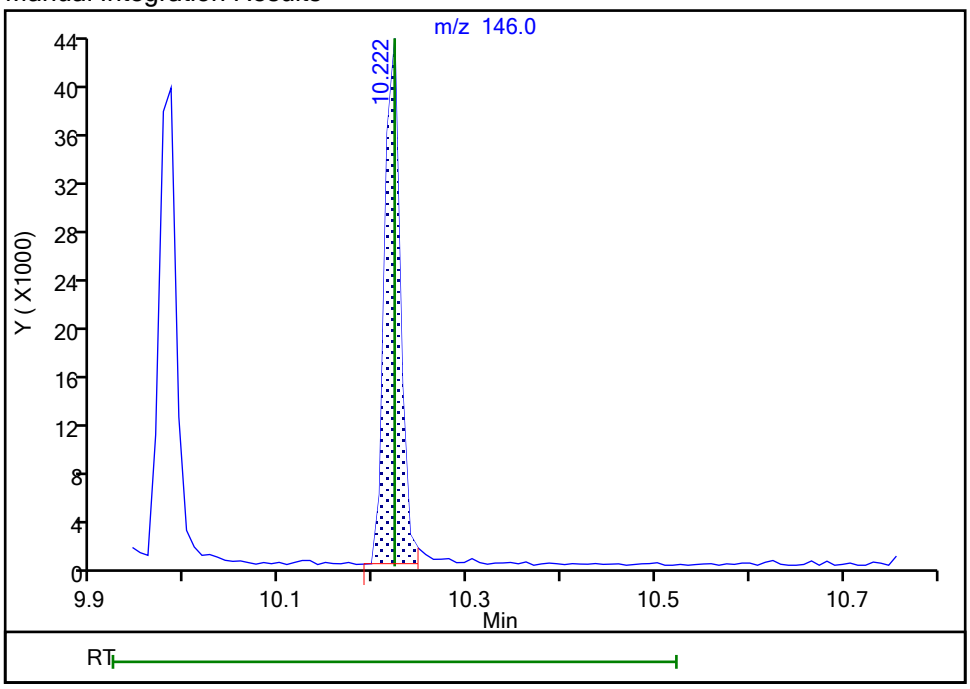
Processing Integration Results

RT: 10.50
Area: 256
Amount: 0.051058
Amount Units: ug/l



Manual Integration Results

RT: 10.22
Area: 50747
Amount: 4.833368
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 02:00:22 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 21-Jan-2026 01:44:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0201827-008
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Jan-2026 11:05:15 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: HVW2 Date: 21-Jan-2026 19:58:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.208	1.208	0.000	64	118893	20.0	21.0	
2 Chloromethane	50	1.356	1.356	0.000	98	150048	20.0	21.7	
4 Butadiene	54	1.414	1.414	0.000	92	109296	20.0	20.4	
3 Vinyl chloride	62	1.430	1.430	0.000	97	148738	20.0	20.9	
5 Bromomethane	94	1.636	1.636	0.000	99	123143	20.0	22.5	
6 Chloroethane	64	1.693	1.693	0.000	99	78146	20.0	21.2	
7 Dichlorofluoromethane	67	1.833	1.833	0.000	99	231391	20.0	22.1	
9 Pentane	72	1.857	1.857	0.000	97	27673	40.0	48.5	
8 Trichlorofluoromethane	101	1.866	1.866	0.000	59	144726	20.0	21.5	
10 Ethanol	46	1.997	1.997	0.000	78	15133	800.0	1009.0	
11 Ethyl ether	59	2.005	2.005	0.000	96	64755	20.0	21.2	
12 2-Methyl-1,3-butadiene	53	2.022	2.022	0.000	94	70654	20.0	23.3	
13 1,2-Dichloro-1,1,2-trifluoroetha	117	2.055	2.055	0.000	94	95595	20.0	22.3	
14 1,1,1-Trifluoro-2,2-dichloroetha	83	2.088	2.088	0.000	93	164340	20.0	21.7	
16 Acrolein	56	2.145	2.145	0.000	35	17430	40.0	42.6	
15 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.161	2.161	0.000	93	108158	20.0	22.4	a
17 1,1-Dichloroethene	96	2.178	2.178	0.000	97	94874	20.0	21.0	
18 Acetone	43	2.244	2.244	0.000	88	66610	100.0	96.5	
20 Iodomethane	142	2.301	2.301	0.000	97	175337	20.0	21.6	
19 Isopropyl alcohol	45	2.309	2.309	0.000	36	38440	200.0	235.3	
21 Carbon disulfide	76	2.334	2.334	0.000	98	388754	20.0	21.8	a
23 3-Chloro-1-propene	39	2.433	2.433	0.000	95	140826	20.0	21.9	
22 Methyl acetate	43	2.433	2.433	0.000	51	82915	40.0	46.5	
24 Cyclopentene	67	2.449	2.449	0.000	93	247132	20.0	22.3	a
32 Acetonitrile	41	2.498	2.498	0.000	28	82257	200.0	217.9	a
* 25 TBA-d9 (IS)	65	2.523	2.523	0.000	100	220798	1000.0	1000.0	
26 Methylene Chloride	84	2.539	2.539	0.000	89	110569	20.0	21.0	
27 2-Methyl-2-propanol	59	2.581	2.581	0.000	91	61726	200.0	225.8	a
28 Methyl tert-butyl ether	73	2.663	2.663	0.000	97	268041	20.0	22.2	
29 trans-1,2-Dichloroethene	96	2.696	2.696	0.000	92	102197	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	2.753	2.753	0.000	98	219933	200.0	219.2	
31 Hexane	43	2.819	2.819	0.000	89	79966	20.0	22.4	
33 Isopropyl ether	45	2.991	2.991	0.000	97	301999	20.0	21.6	
35 1,1-Dichloroethane	63	3.024	3.024	0.000	99	175036	20.0	22.1	
34 Vinyl acetate	86	3.032	3.032	0.000	100	26235	40.0	40.2	
36 2-Chloro-1,3-butadiene	88	3.065	3.065	0.000	88	87900	20.0	21.1	
37 Tert-butyl ethyl ether	59	3.254	3.254	0.000	90	289353	20.0	21.9	
* 38 2-Butanone-d5	46	3.435	3.435	0.000	86	208212	250.0	250.0	
39 2,2-Dichloropropane	97	3.443	3.443	0.000	91	41201	20.0	21.8	
41 cis-1,2-Dichloroethene	96	3.468	3.468	0.000	99	115546	20.0	21.2	
40 Ethyl acetate	70	3.484	3.484	0.000	95	13104	40.0	40.4	
42 2-Butanone (MEK)	72	3.484	3.484	0.000	96	34782	100.0	108.1	
43 Methyl acrylate	55	3.542	3.542	0.000	97	44236	20.0	21.6	
44 Propionitrile	54	3.599	3.599	0.000	98	78976	200.0	224.3	a
46 Tetrahydrofuran	42	3.665	3.665	0.000	52	47561	40.0	44.9	a
45 Chlorobromomethane	128	3.673	3.673	0.000	86	48487	20.0	21.5	
47 Methacrylonitrile	67	3.682	3.682	0.000	89	289507	200.0	218.4	a
48 Chloroform	83	3.714	3.714	0.000	99	171906	20.0	22.1	
49 Cyclohexane	84	3.830	3.830	0.000	90	167465	20.0	21.9	
51 1,1,1-Trichloroethane	97	3.838	3.838	0.000	97	158677	20.0	21.6	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	96	160703	50.0	50.0	
52 Carbon tetrachloride	117	3.945	3.945	0.000	97	128250	20.0	21.7	
53 1,1-Dichloropropene	75	3.969	3.969	0.000	98	132556	20.0	21.1	
134 Isooctane	57	4.117	4.117	0.000	92	355226	20.0	21.1	a
54 Isobutyl alcohol	43	4.117	4.117	0.000	82	64651	500.0	648.2	M
55 Benzene	78	4.142	4.142	0.000	95	424075	20.0	22.3	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	93	156770	50.0	51.2	
57 Isopropyl acetate	87	4.199	4.199	0.000	71	77398	20.0	21.1	
58 Tert-amyl methyl ether	73	4.199	4.199	0.000	92	304971	20.0	21.2	
59 1,2-Dichloroethane	62	4.224	4.224	0.000	95	104936	20.0	21.6	
60 n-Heptane	57	4.281	4.281	0.000	89	73045	20.0	22.7	
* 61 Fluorobenzene	96	4.405	4.405	0.000	99	677725	50.0	50.0	
63 Trichloroethene	95	4.725	4.725	0.000	99	99066	20.0	21.2	
62 n-Butanol	56	4.774	4.774	0.000	23	10986	500.0	222.4	a
64 Ethyl acrylate	55	4.832	4.832	0.000	93	206300	20.0	21.8	
65 Methylcyclohexane	83	4.840	4.840	0.000	91	190065	20.0	22.0	
66 1,2-Dichloropropane	63	4.988	4.988	0.000	95	105462	20.0	20.6	
* 67 1,4-Dioxane-d8	96	5.037	5.037	0.000	44	27098	1000.0	1000.0	a
68 Methyl methacrylate	100	5.054	5.054	0.000	85	37709	40.0	40.1	
69 1,4-Dioxane	88	5.095	5.095	0.000	25	16468	400.0	453.4	
71 Dibromomethane	93	5.111	5.111	0.000	90	53775	20.0	19.9	
70 n-Propyl acetate	43	5.111	5.111	0.000	96	80966	20.0	20.1	
72 Dichlorobromomethane	83	5.243	5.243	0.000	99	123421	20.0	21.2	
74 2-Nitropropane	41	5.555	5.555	0.000	79	25115	40.0	36.5	
73 2-Chloroethyl vinyl ether	63	5.563	5.563	0.000	85	46139	20.0	20.1	
75 Epichlorohydrin	57	5.662	5.662	0.000	99	107333	400.0	322.2	M
76 cis-1,3-Dichloropropene	75	5.711	5.711	0.000	88	157084	20.0	21.2	
77 4-Methyl-2-pentanone (MIBK)	43	5.859	5.859	0.000	94	285921	100.0	111.1	a
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	654899	50.0	51.1	
79 Toluene	91	6.007	6.007	0.000	93	424688	20.0	21.9	
80 trans-1,3-Dichloropropene	75	6.344	6.344	0.000	97	123579	20.0	22.5	
81 Ethyl methacrylate	69	6.377	6.377	0.000	87	100294	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	6.541	6.541	0.000	97	69461	20.0	23.6	
83 Tetrachloroethene	166	6.582	6.582	0.000	94	88480	20.0	20.9	
84 1,3-Dichloropropane	76	6.747	6.747	0.000	90	126648	20.0	21.9	
85 2-Hexanone	43	6.812	6.812	0.000	93	158311	100.0	87.8	a
86 n-Butyl acetate	43	6.927	6.927	0.000	99	101017	20.0	21.8	
87 Chlorodibromomethane	129	6.960	6.960	0.000	98	84159	20.0	21.0	
88 Ethylene Dibromide	107	7.108	7.108	0.000	98	76347	20.0	21.7	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	85	466142	50.0	50.0	
90 Chlorobenzene	112	7.667	7.667	0.000	95	258871	20.0	22.0	
91 Ethylbenzene	106	7.774	7.774	0.000	97	150069	20.0	21.5	a
92 1,1,1,2-Tetrachloroethane	131	7.782	7.782	0.000	97	99384	20.0	21.1	a
93 m-Xylene & p-Xylene	106	7.922	7.922	0.000	99	186972	20.0	22.1	a
95 o-Xylene	106	8.431	8.431	0.000	94	193007	20.0	21.9	
94 n-Butyl acrylate	73	8.439	8.439	0.000	97	63852	20.0	20.8	
96 Styrene	104	8.472	8.472	0.000	98	281548	20.0	21.7	
98 Bromoform	173	8.719	8.719	0.000	91	42682	20.0	20.2	
97 Amyl acetate (mixed isomers)	43	8.727	8.727	0.000	92	126307	20.0	21.6	
99 Isopropylbenzene	105	8.858	8.858	0.000	95	451679	20.0	22.0	
$ 100 4-Bromofluorobenzene	174	9.055	9.055	0.000	86	167713	50.0	49.8	
101 Bromobenzene	156	9.179	9.179	0.000	97	101953	20.0	22.3	
102 1,1,2,2-Tetrachloroethane	83	9.236	9.236	0.000	98	103104	20.0	22.1	
103 N-Propylbenzene	91	9.253	9.253	0.000	99	579668	20.0	23.6	a
104 1,2,3-Trichloropropane	110	9.269	9.269	0.000	97	26603	20.0	21.8	a
105 trans-1,4-Dichloro-2-butene	53	9.302	9.302	0.000	86	20587	20.0	22.2	
106 2-Chlorotoluene	91	9.343	9.343	0.000	96	395836	20.0	22.9	a
107 4-Ethyltoluene	105	9.359	9.359	0.000	98	455898	20.0	23.1	a
108 1,3,5-Trimethylbenzene	105	9.417	9.417	0.000	95	423246	20.0	23.1	
109 4-Chlorotoluene	91	9.442	9.442	0.000	96	362449	20.0	22.8	a
110 Butyl Methacrylate	87	9.507	9.507	0.000	85	163788	20.0	22.6	
111 tert-Butylbenzene	119	9.655	9.655	0.000	95	341406	20.0	22.7	
112 1,2,4-Trimethylbenzene	105	9.705	9.705	0.000	97	423538	20.0	22.9	
113 sec-Butylbenzene	105	9.811	9.811	0.000	100	563402	20.0	23.7	
115 1,3-Dichlorobenzene	146	9.910	9.910	0.000	95	215045	20.0	22.4	a
114 4-Isopropyltoluene	119	9.918	9.918	0.000	98	469337	20.0	23.4	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	95	246297	50.0	50.0	
117 1,4-Dichlorobenzene	146	9.984	9.984	0.000	95	223092	20.0	22.4	a
118 1,2,3-Trimethylbenzene	105	9.992	9.992	0.000	98	459042	20.0	23.6	
119 Benzyl chloride	91	10.083	10.083	0.000	99	225495	20.0	22.8	
120 2,3-Dihydroindene	117	10.124	10.124	0.000	94	400734	20.0	23.3	
121 p-Diethylbenzene	119	10.165	10.165	0.000	92	285306	20.0	22.8	
122 n-Butylbenzene	92	10.181	10.181	0.000	98	258323	20.0	22.8	
123 1,2-Dichlorobenzene	146	10.222	10.222	0.000	96	217650	20.0	22.2	a
124 1,2,4,5-Tetramethylbenzene	119	10.625	10.625	0.000	97	486709	20.0	23.9	
125 1,2-Dibromo-3-Chloropropane	157	10.691	10.691	0.000	95	21484	20.0	21.8	
126 1,3,5-Trichlorobenzene	180	10.765	10.765	0.000	97	181633	20.0	21.8	
127 1,2,4-Trichlorobenzene	180	11.110	11.110	0.000	94	179687	20.0	23.2	
128 Hexachlorobutadiene	225	11.167	11.167	0.000	91	63331	20.0	22.0	
129 Naphthalene	128	11.249	11.249	0.000	100	406932	20.0	23.4	
130 1,2,3-Trichlorobenzene	180	11.389	11.389	0.000	97	160792	20.0	23.1	
S 131 1,2-Dichloroethene, Total	100				0		40.0	42.6	
S 132 Total BTEX	1				0		100.0	109.7	
S 133 Xylenes, Total	100				0		40.0	44.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00193	Amount Added:	4.00	Units: uL	
GASES Li_00680	Amount Added:	20.00	Units: uL	
524FREONS_00049	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00217	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00085	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 24-Jan-2026 11:05:16 Chrom Revision: 2.3 27-Dec-2025 13:45:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D

Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6 Operator ID:

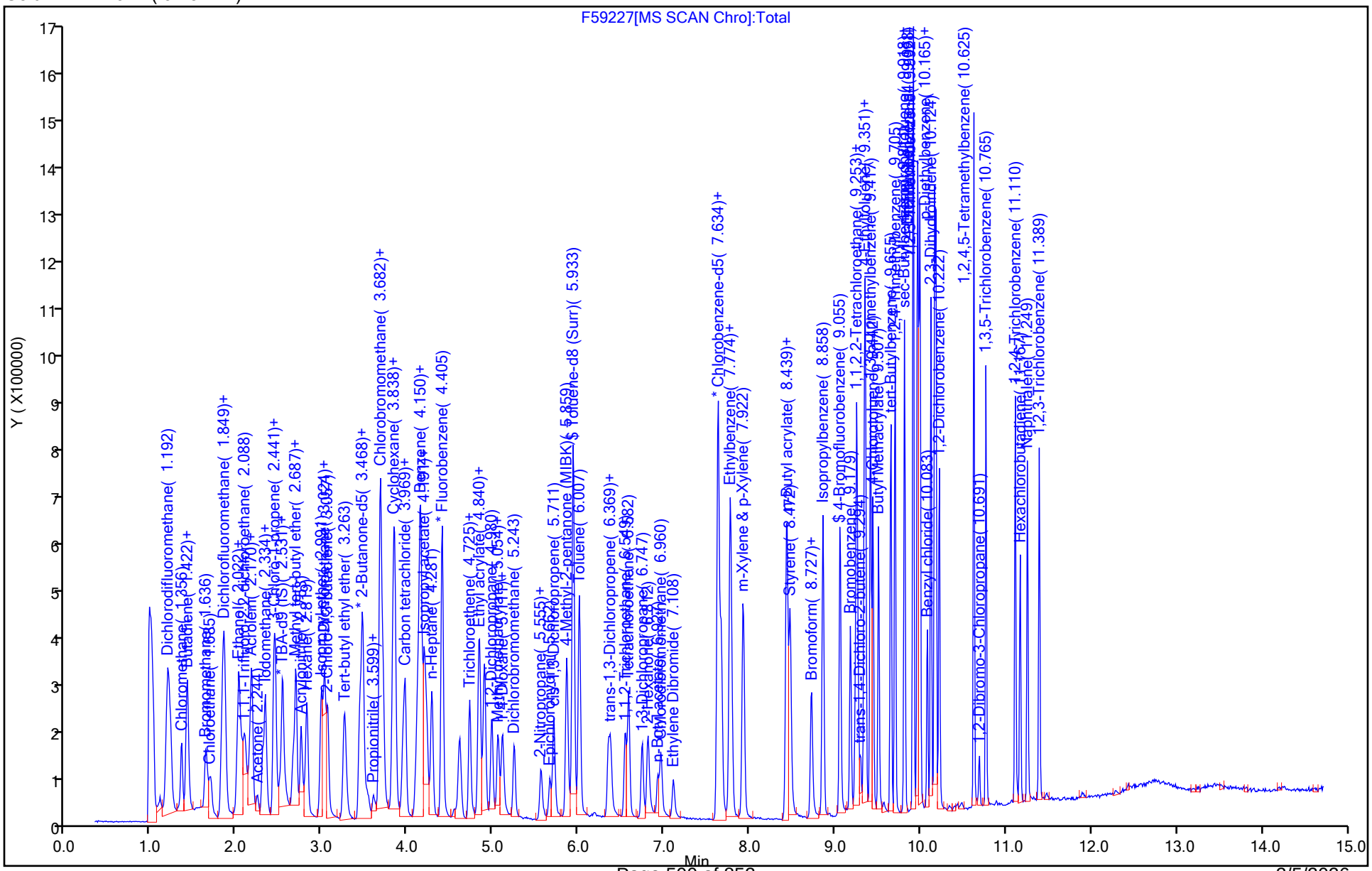
Lims ID: STD20 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

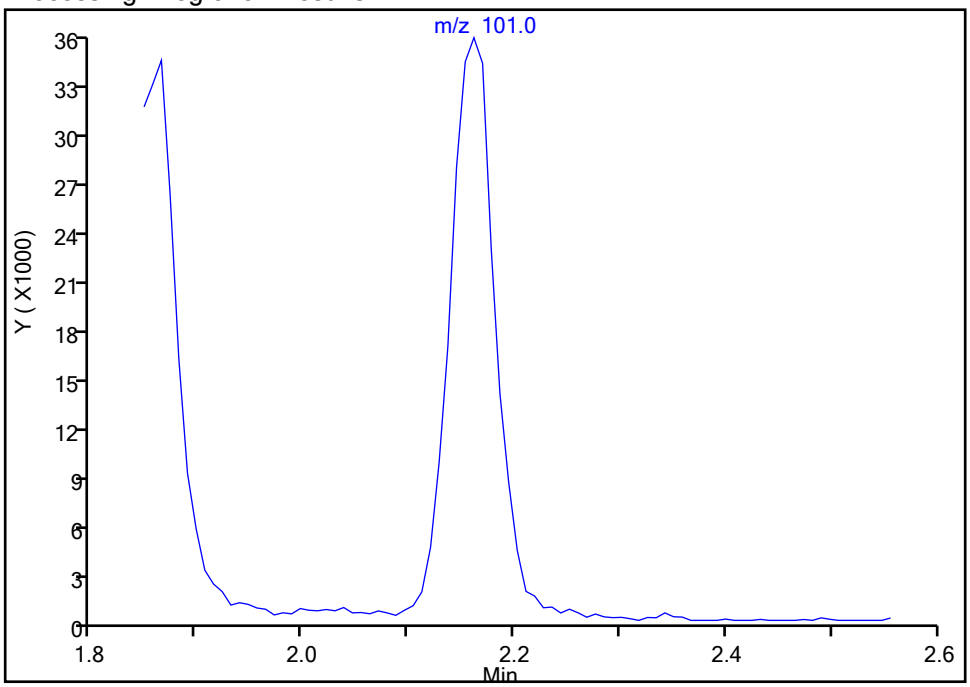
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

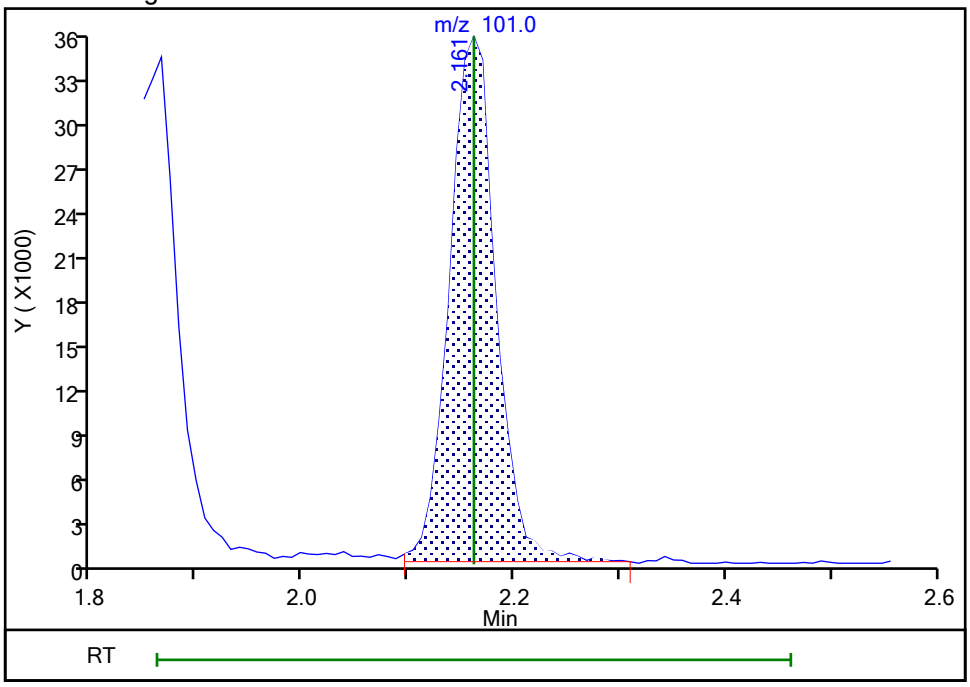
Not Detected
Expected RT: 2.16

Processing Integration Results



Manual Integration Results

RT: 2.16
Area: 108158
Amount: 22.431030
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:55:26 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

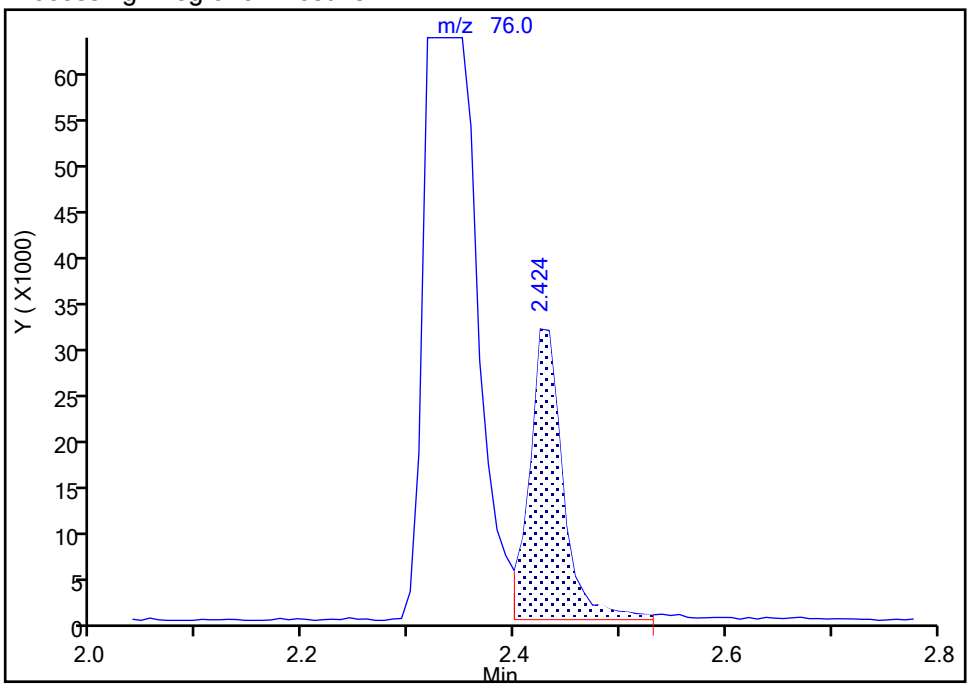
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 Carbon disulfide, CAS: 75-15-0

Signal: 1

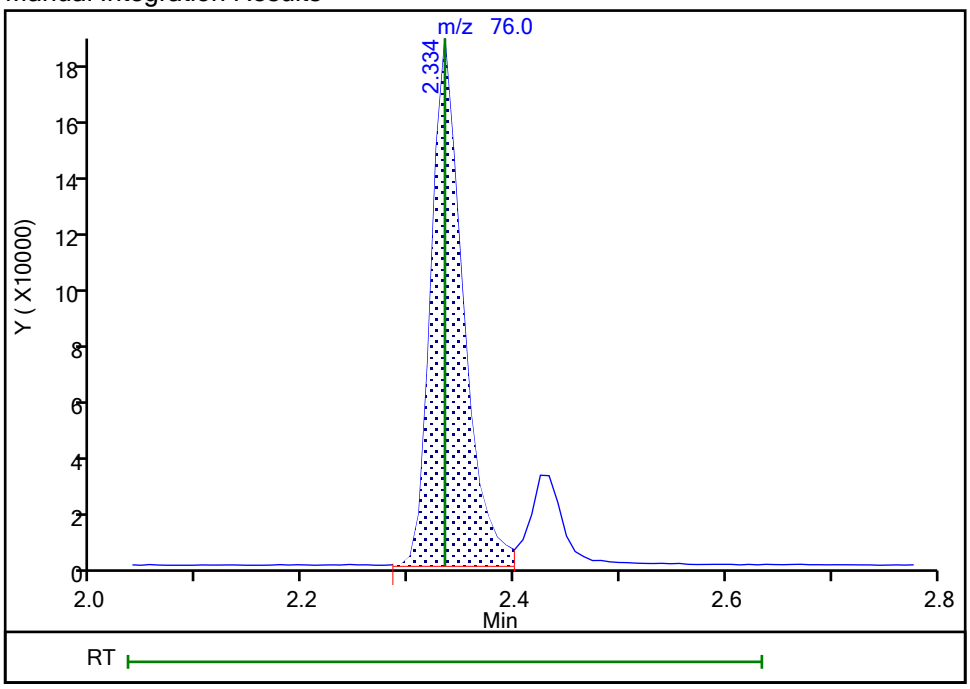
Processing Integration Results

RT: 2.42
Area: 70936
Amount: 3.838149
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 388754
Amount: 21.790520
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:32:26 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

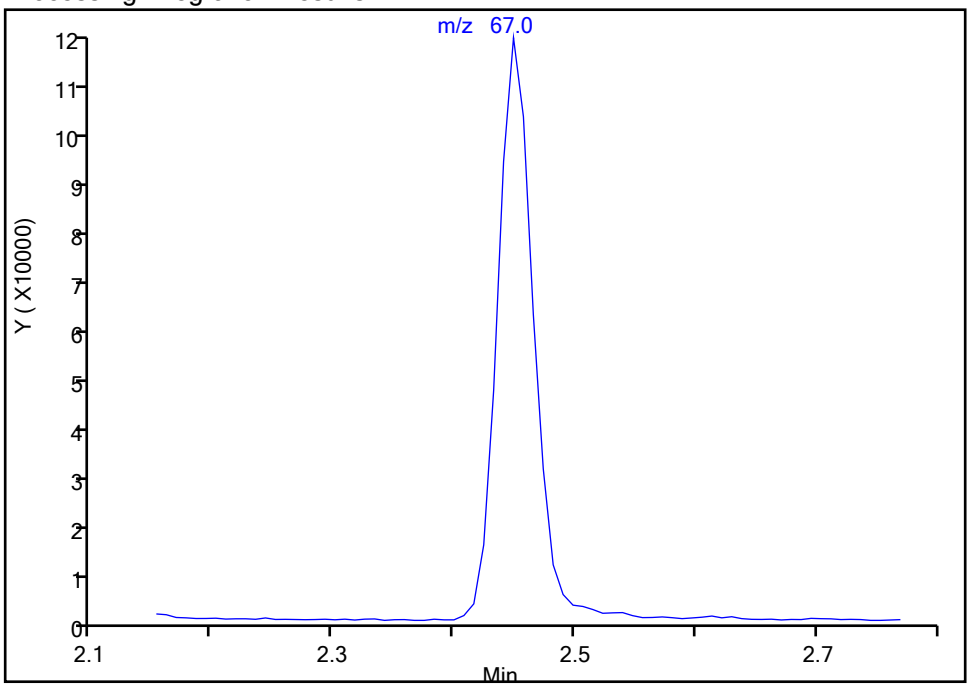
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Cyclopentene, CAS: 142-29-0

Signal: 1

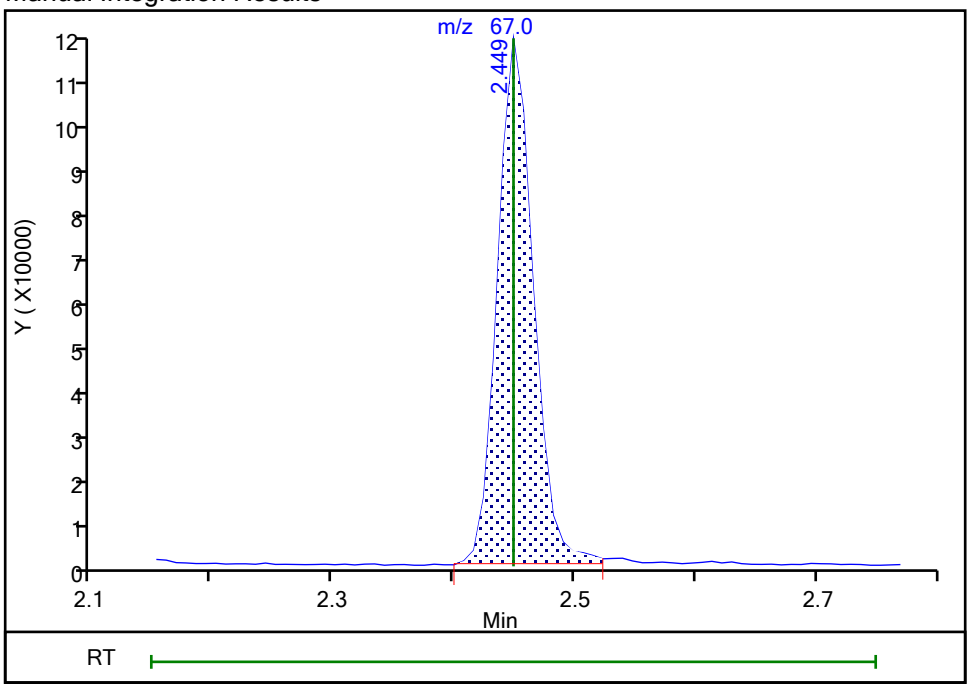
Not Detected
Expected RT: 2.45

Processing Integration Results



Manual Integration Results

RT: 2.45
Area: 247132
Amount: 22.334781
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:55:33 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

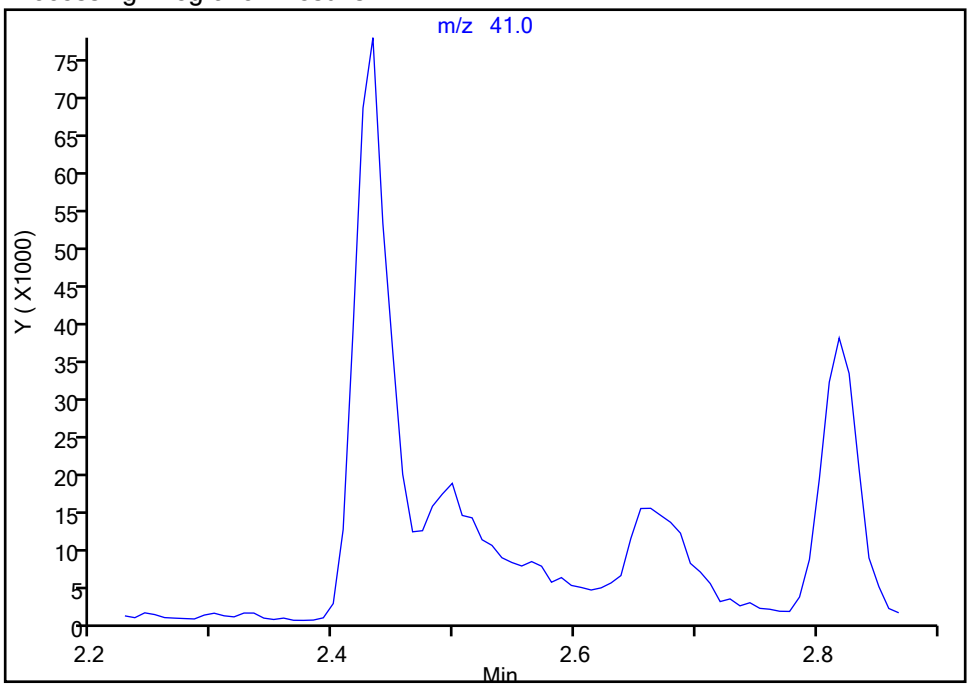
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Acetonitrile, CAS: 75-05-8

Signal: 1

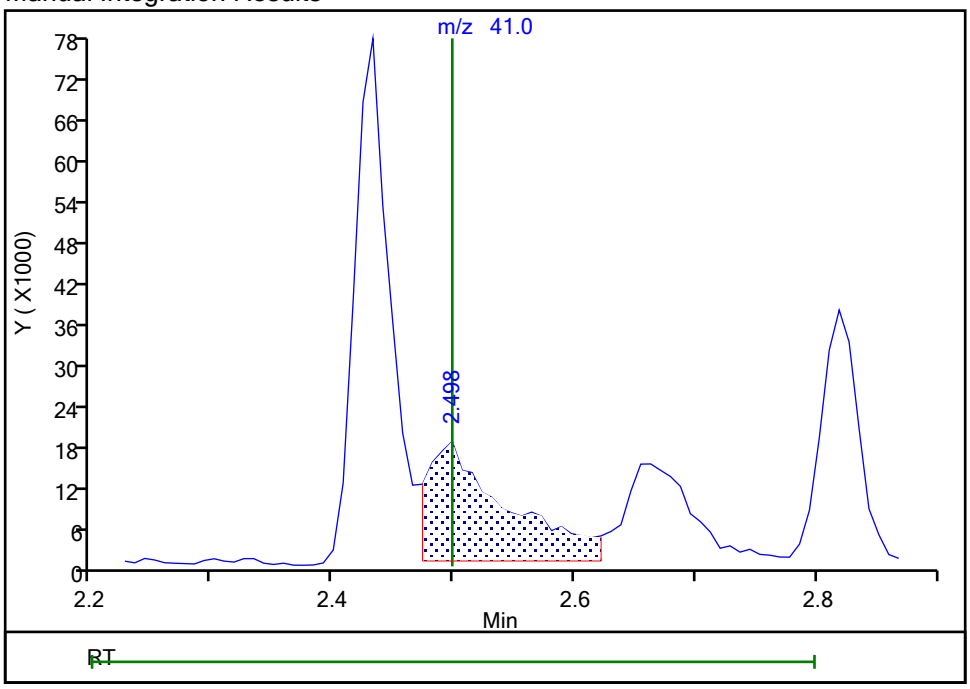
Not Detected
Expected RT: 2.50

Processing Integration Results



Manual Integration Results

RT: 2.50
Area: 82257
Amount: 217.9475
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:55:40 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

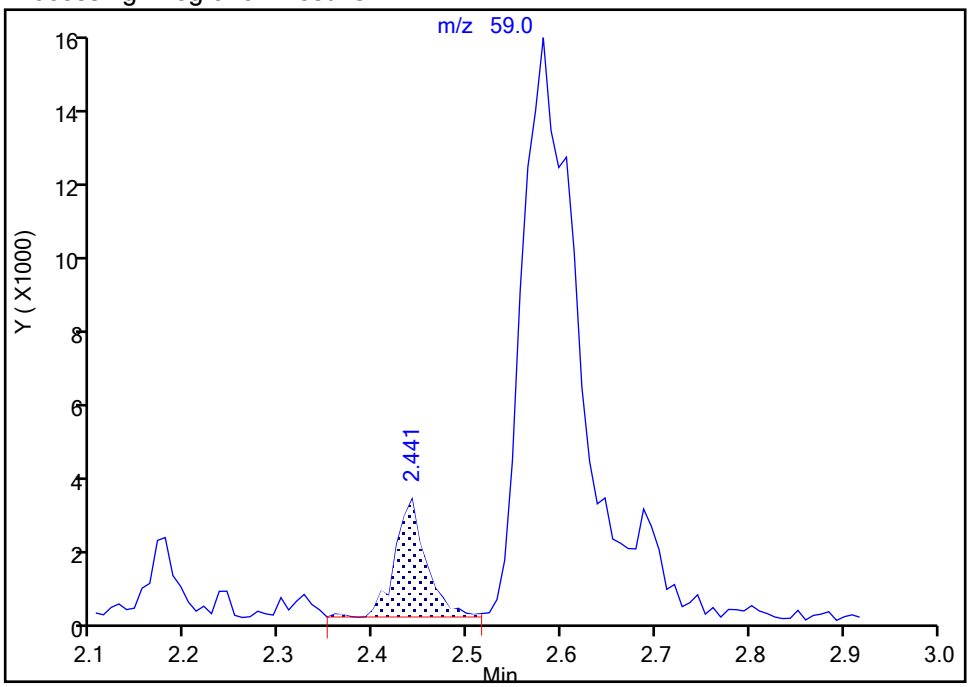
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

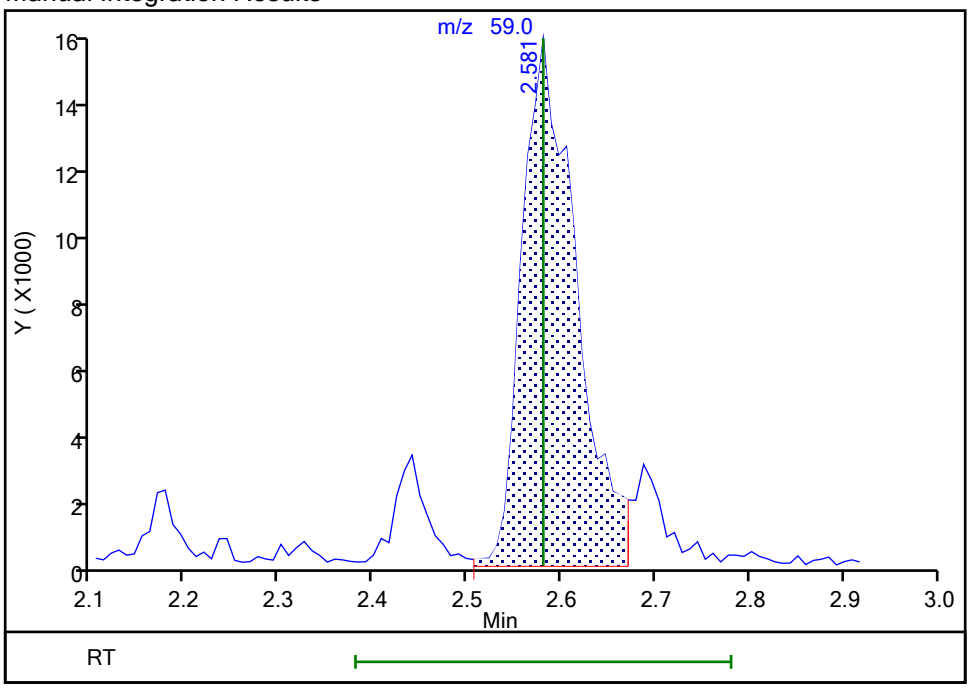
Processing Integration Results

RT: 2.44
Area: 7382
Amount: 47.635240
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 61726
Amount: 225.7846
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:55:49 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

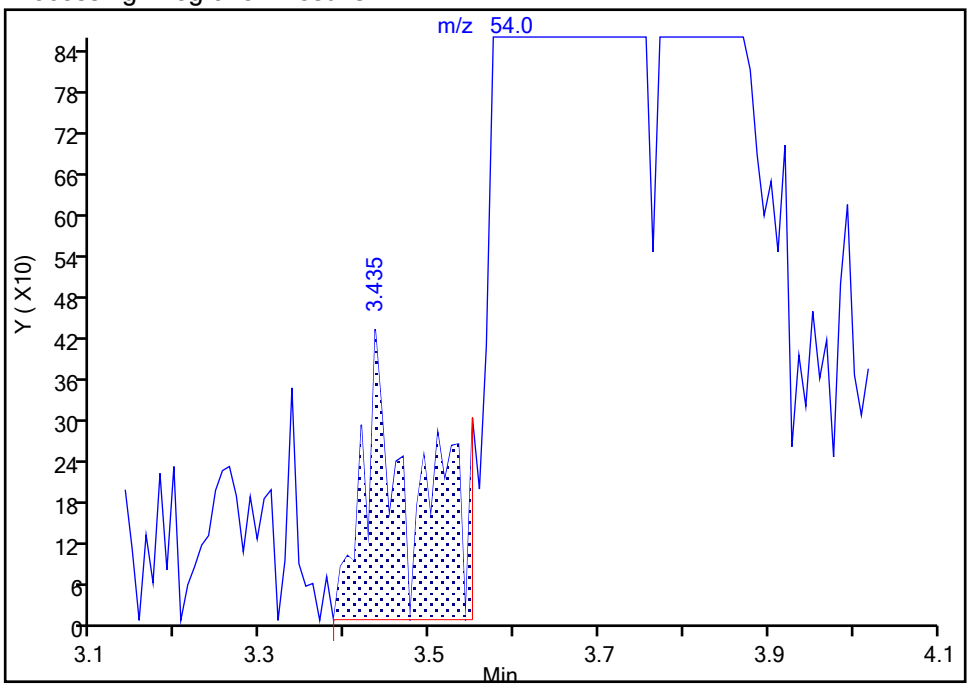
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

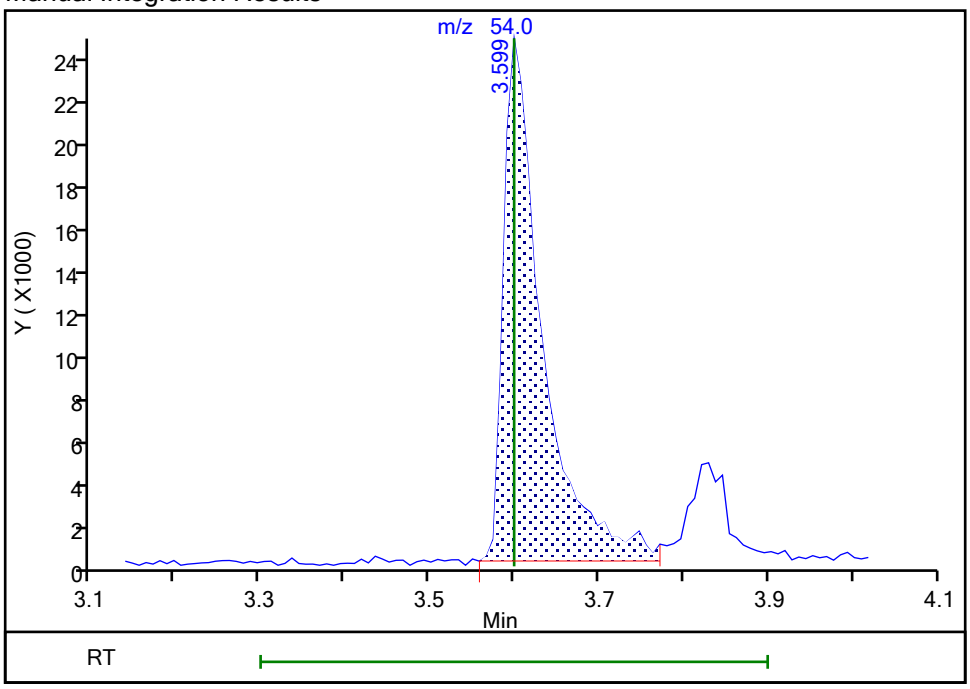
Processing Integration Results

RT: 3.44
Area: 1900
Amount: 34.636214
Amount Units: ug/l



Manual Integration Results

RT: 3.60
Area: 78976
Amount: 224.3082
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:55:58 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

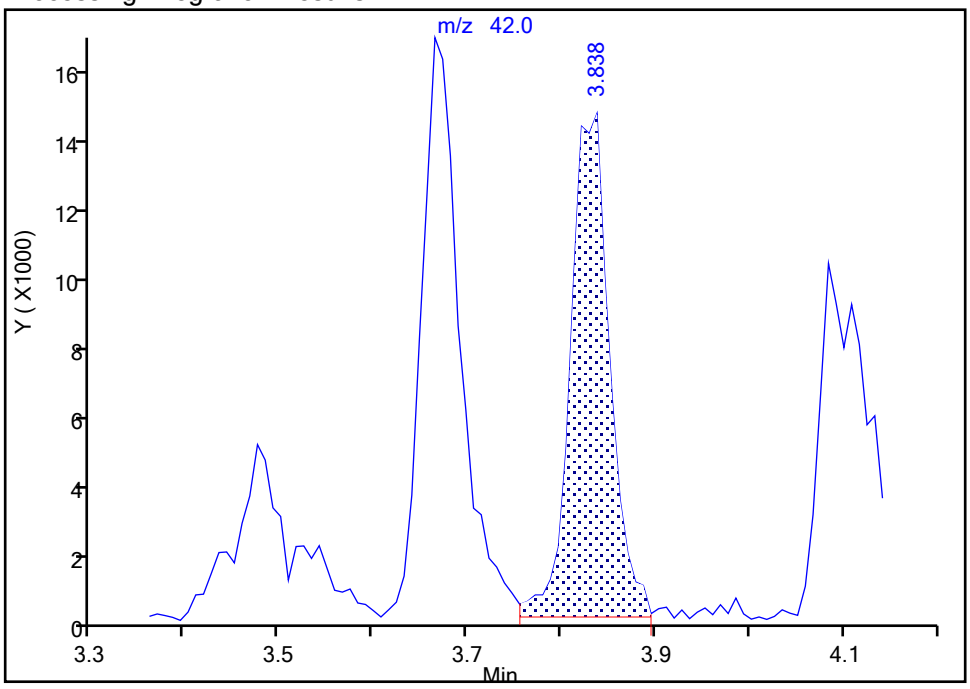
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

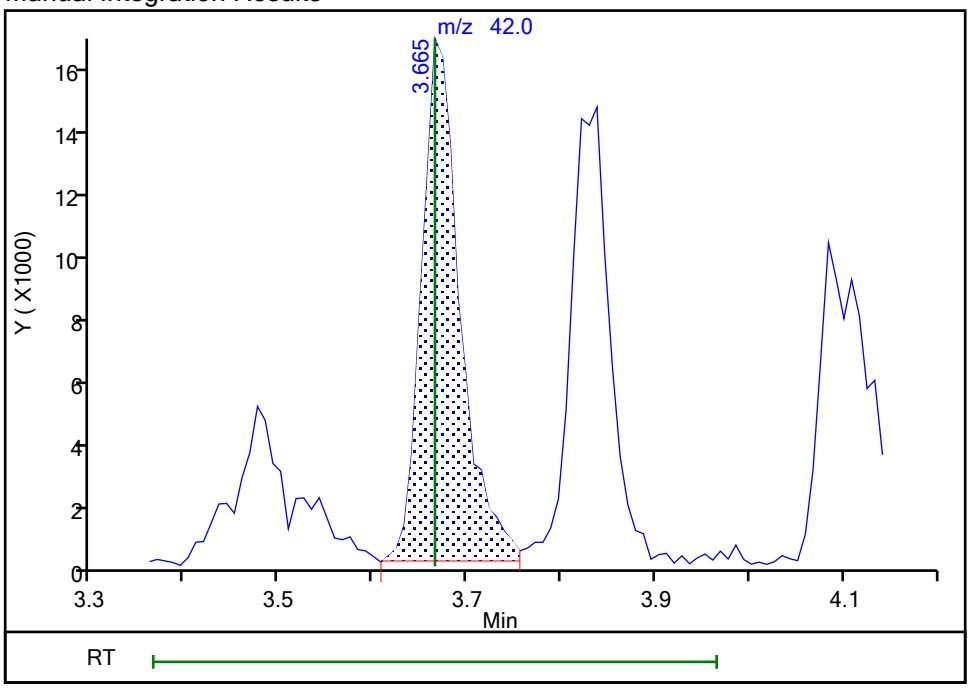
Processing Integration Results

RT: 3.84
Area: 41840
Amount: 45.124732
Amount Units: ug/l



Manual Integration Results

RT: 3.67
Area: 47561
Amount: 44.917310
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:12:42 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

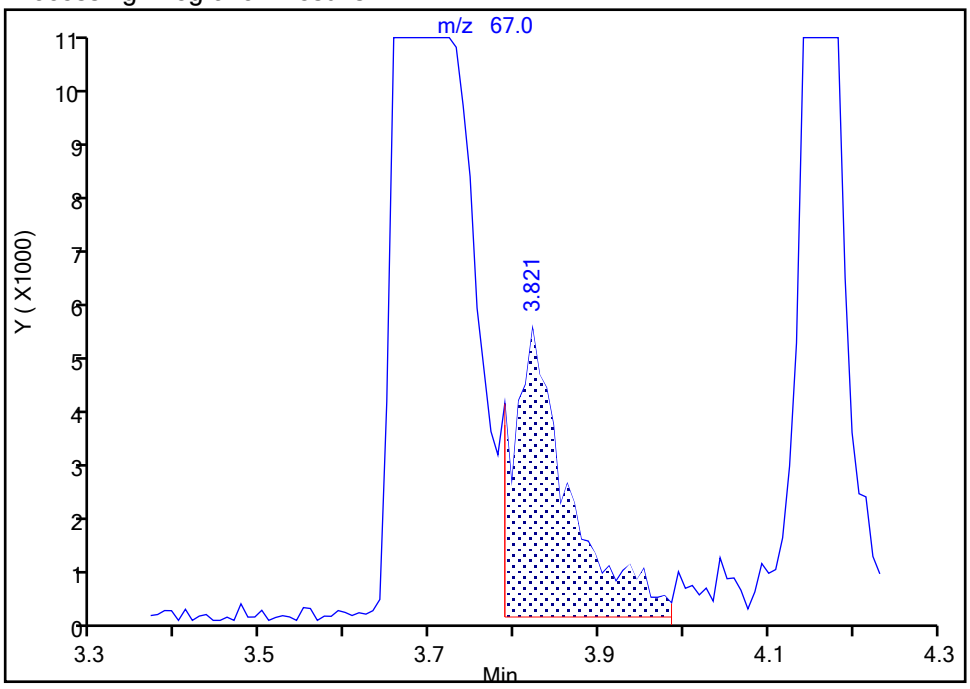
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methacrylonitrile, CAS: 126-98-7

Signal: 1

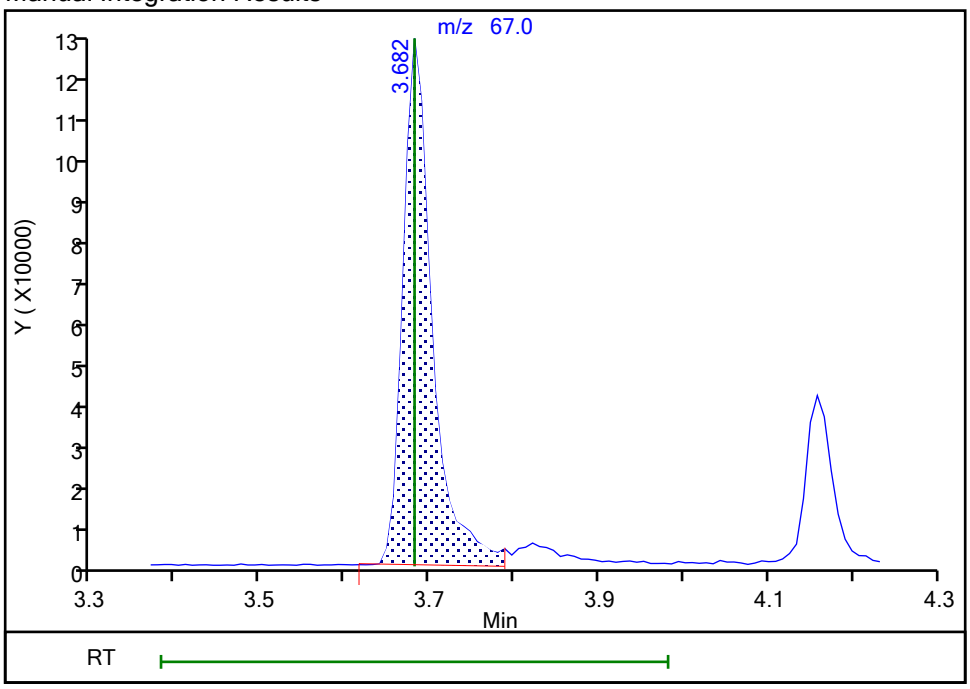
Processing Integration Results

RT: 3.82
Area: 23248
Amount: 40.295025
Amount Units: ug/l



Manual Integration Results

RT: 3.68
Area: 289507
Amount: 218.4048
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:56:05 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

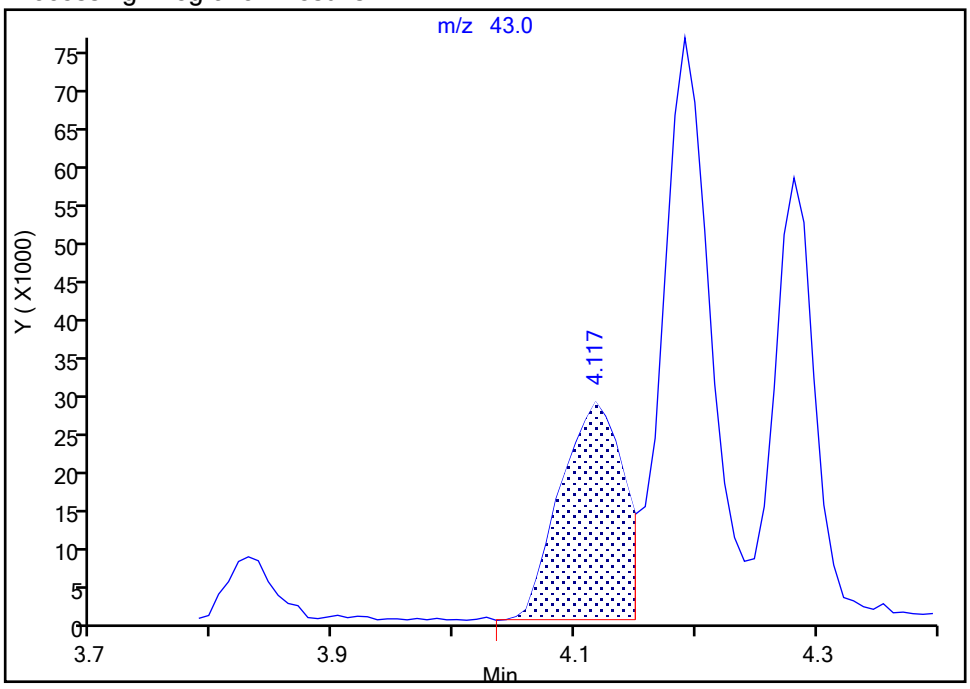
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

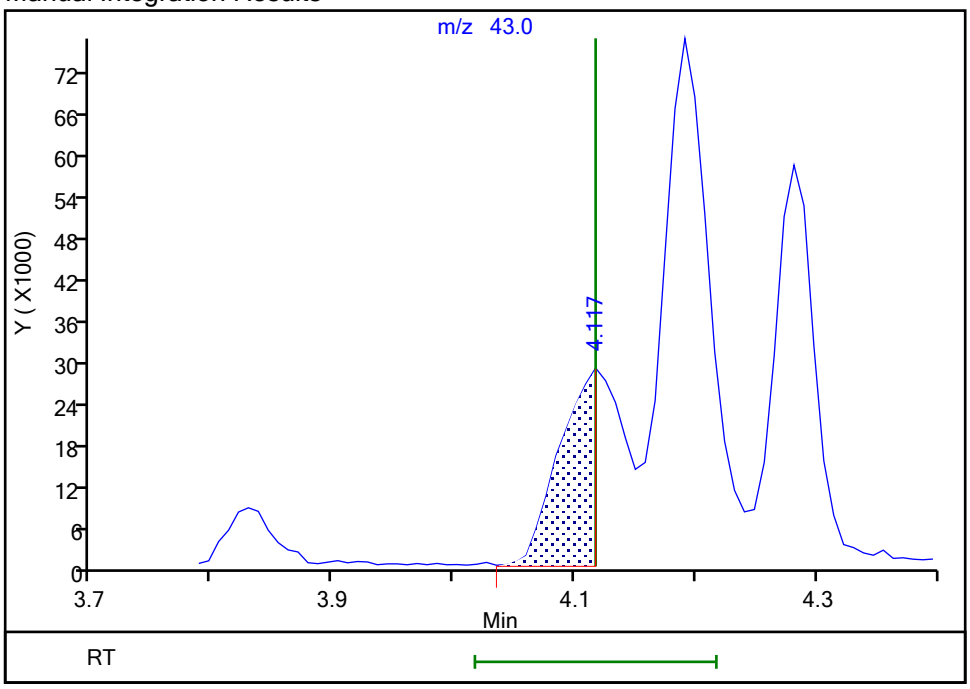
Processing Integration Results

RT: 4.12
Area: 105475
Amount: 880.1982
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 64651
Amount: 648.2388
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:31:39 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

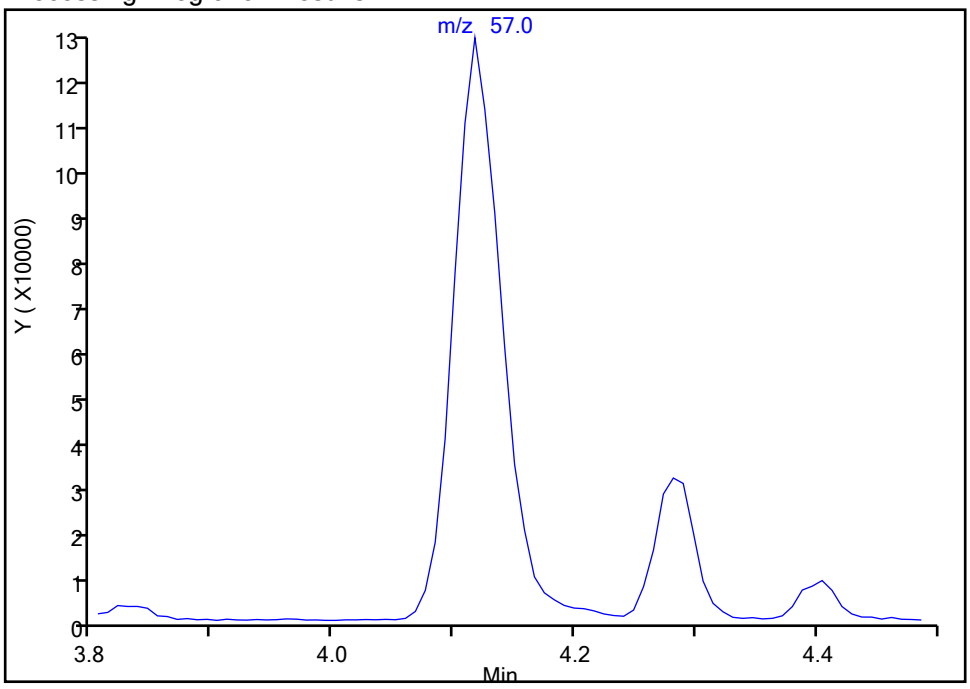
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Isooctane, CAS: 540-84-1

Signal: 1

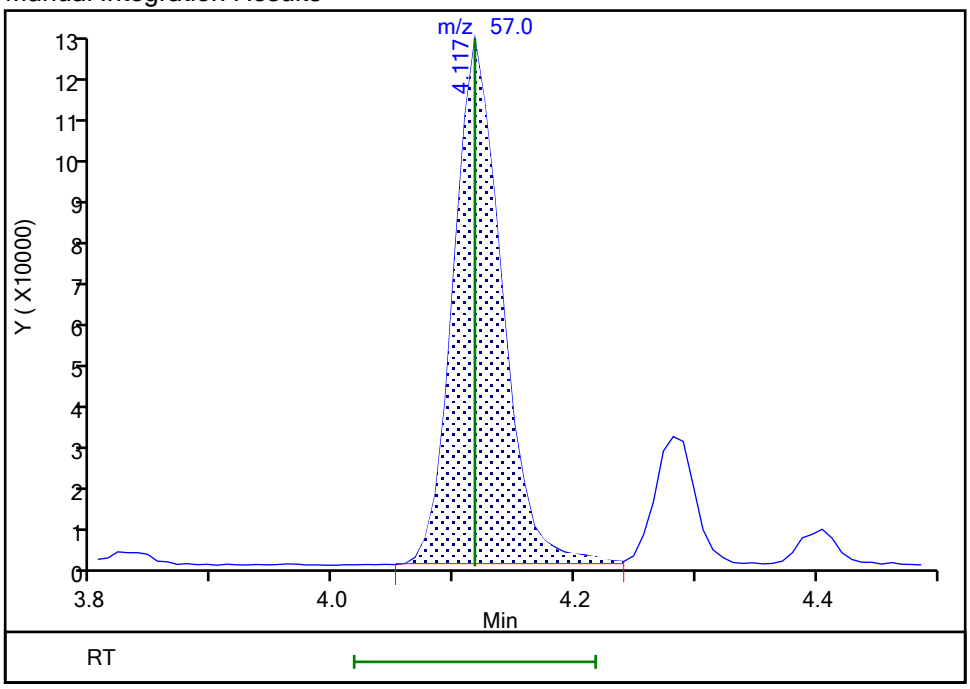
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.12
Area: 355226
Amount: 21.061006
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:56:14 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

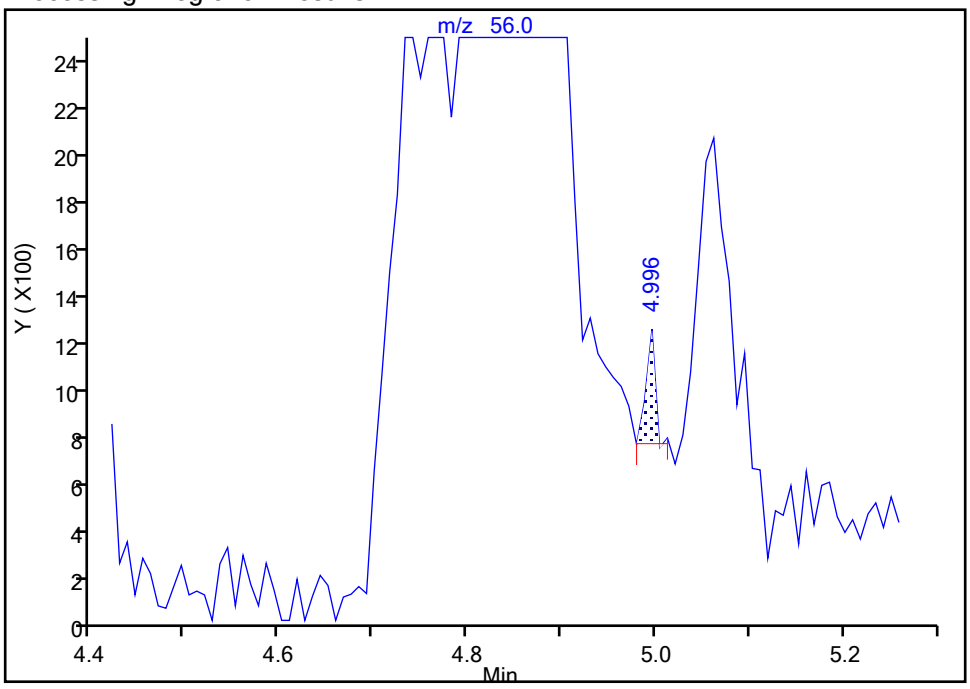
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 n-Butanol, CAS: 71-36-3

Signal: 1

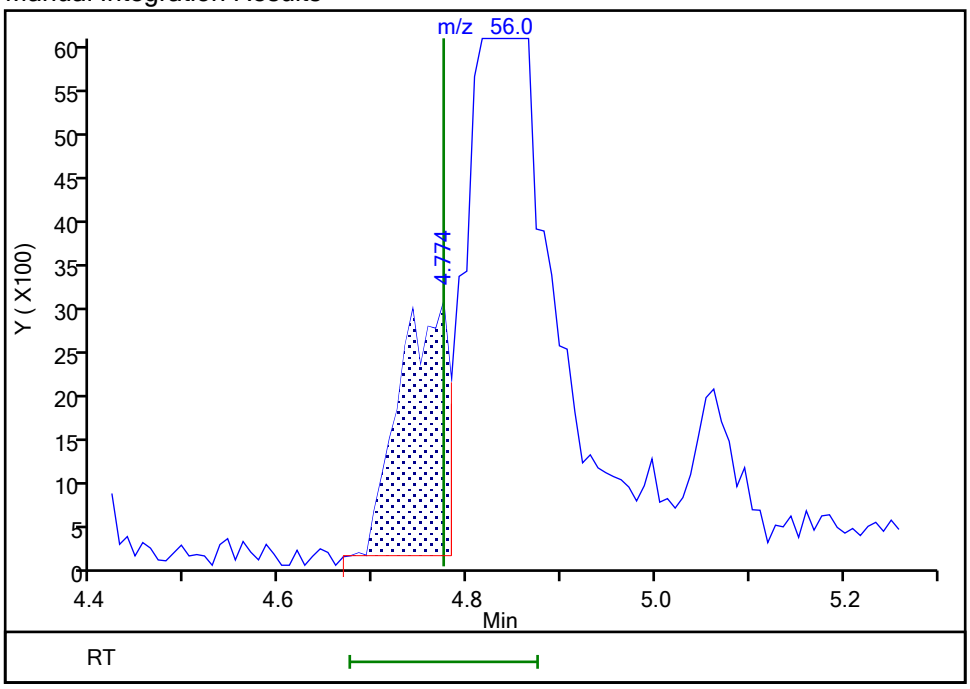
Processing Integration Results

RT: 5.00
Area: 332
Amount: 500.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.77
Area: 10986
Amount: 222.3703
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:13:01 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

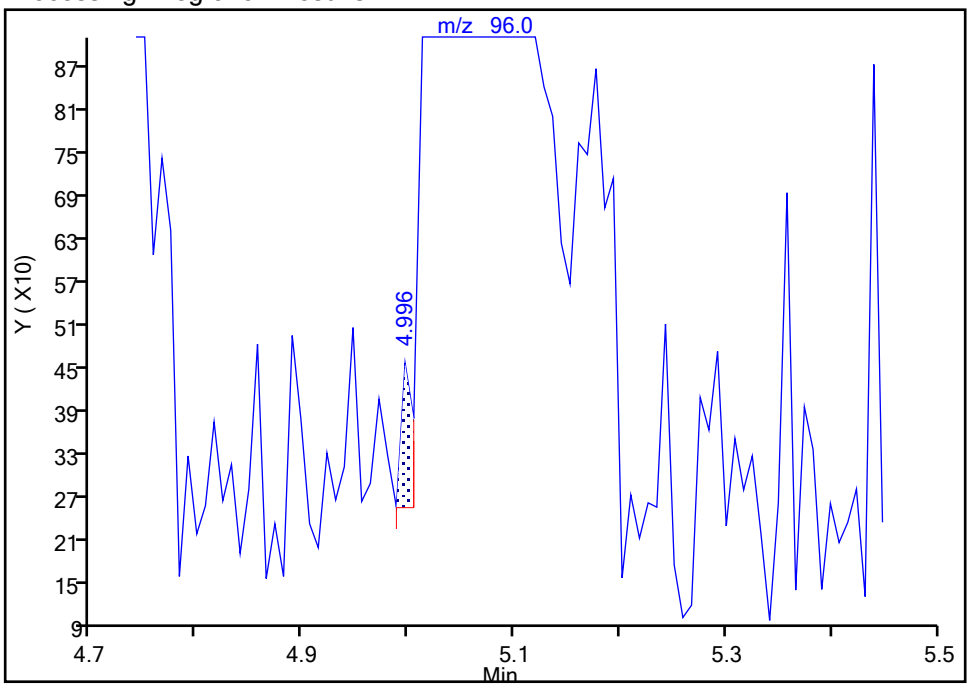
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

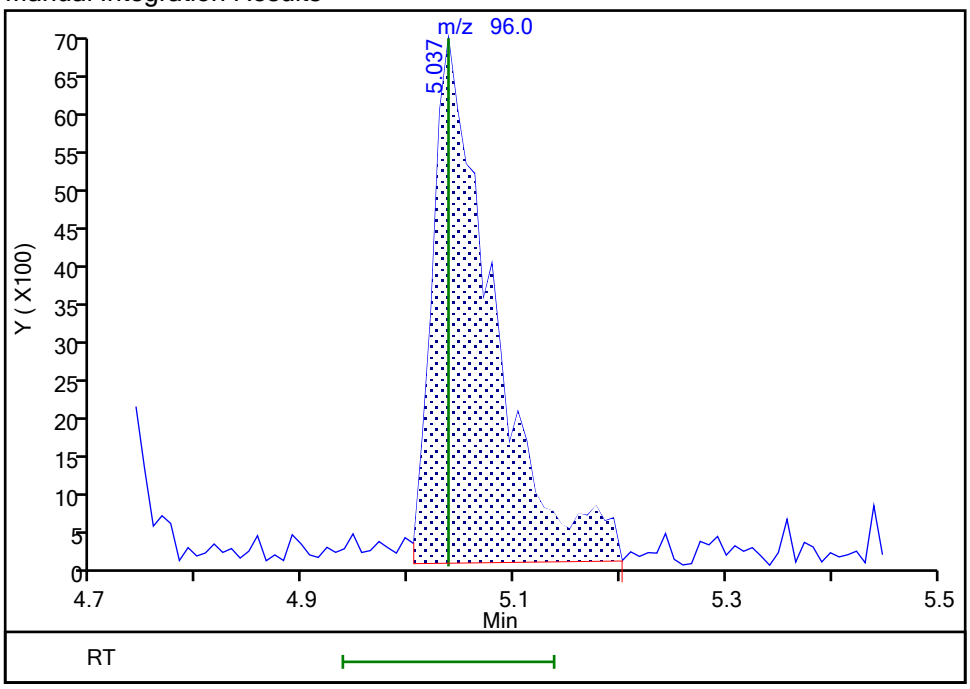
Processing Integration Results

RT: 5.00
Area: 159
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.04
Area: 27098
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:35:29 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

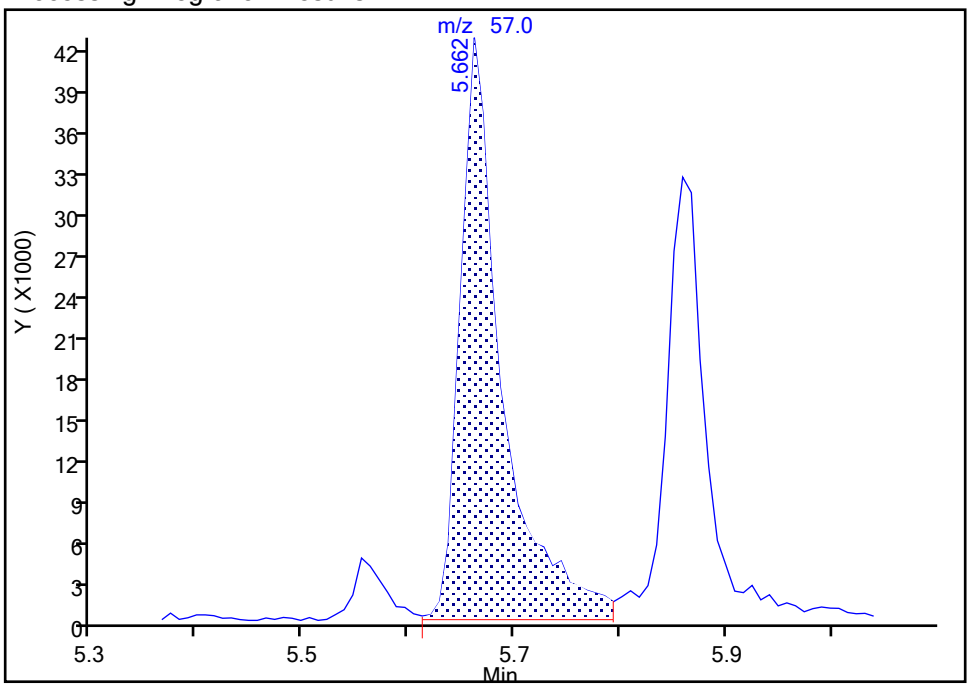
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 Epichlorohydrin, CAS: 106-89-8

Signal: 1

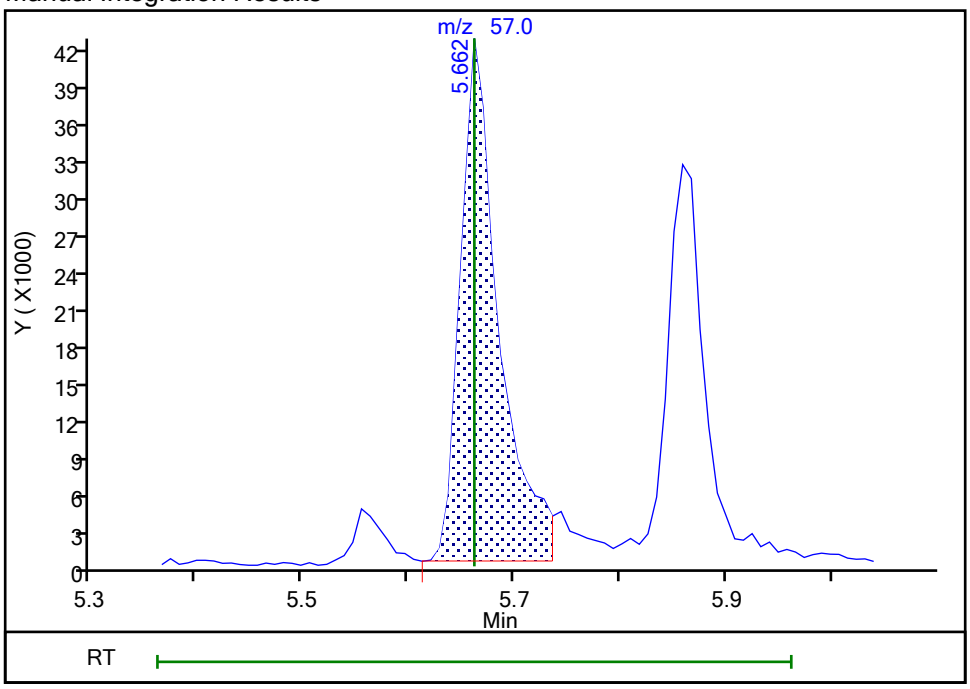
Processing Integration Results

RT: 5.66
Area: 116653
Amount: 532.6741
Amount Units: ug/l



Manual Integration Results

RT: 5.66
Area: 107333
Amount: 322.1898
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:52:13 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

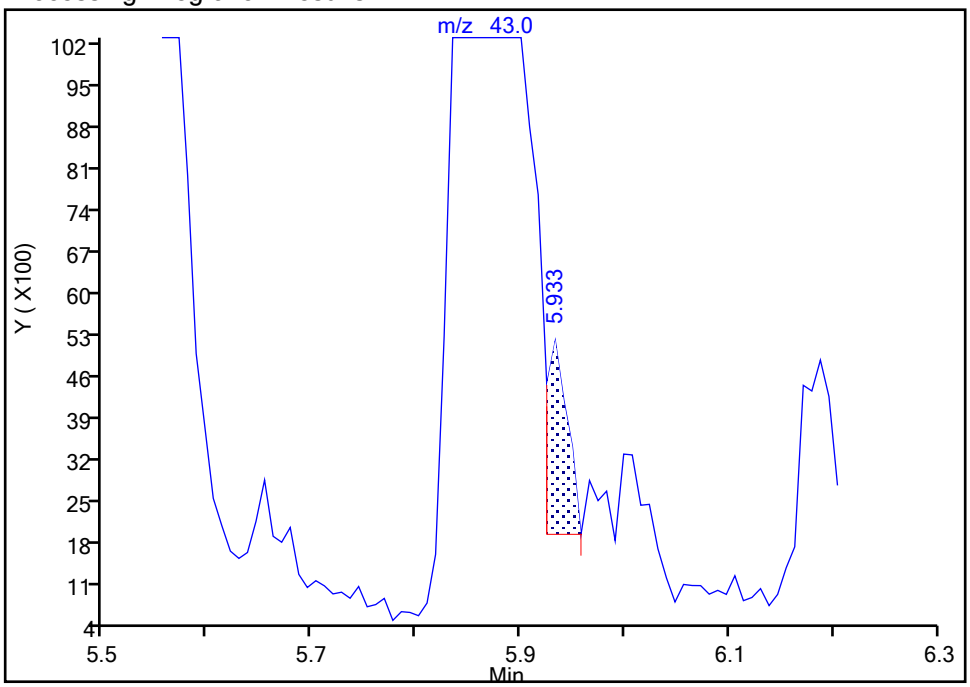
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

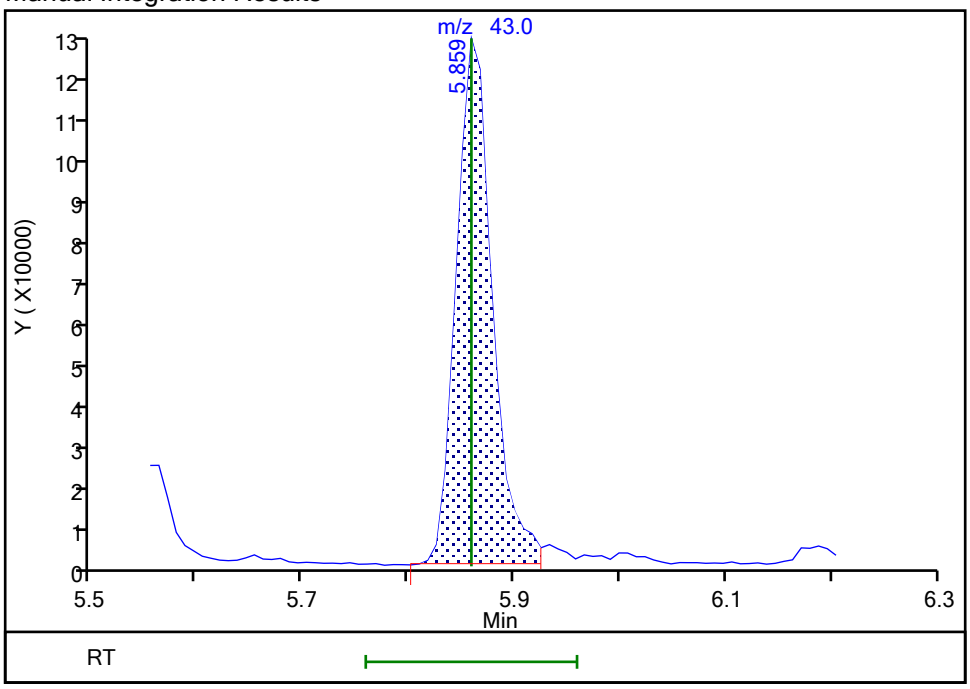
Processing Integration Results

RT: 5.93
Area: 4728
Amount: -2.060104
Amount Units: ug/l



Manual Integration Results

RT: 5.86
Area: 285921
Amount: 111.0791
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:56:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

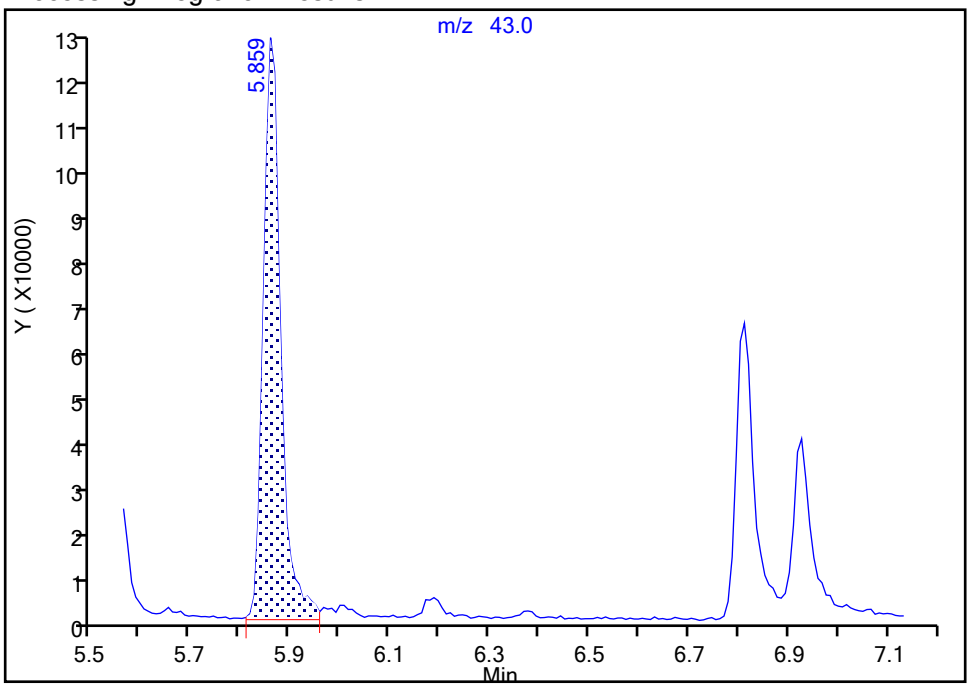
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Hexanone, CAS: 591-78-6

Signal: 1

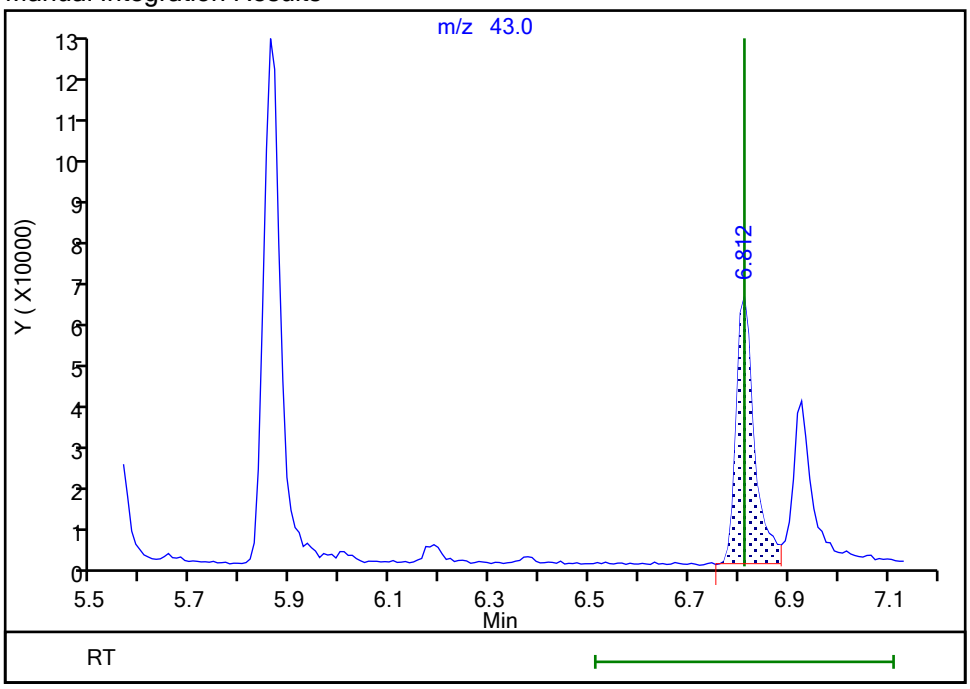
Processing Integration Results

RT: 5.86
Area: 293173
Amount: 87.642262
Amount Units: ug/l



Manual Integration Results

RT: 6.81
Area: 158311
Amount: 87.806742
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:27:41 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

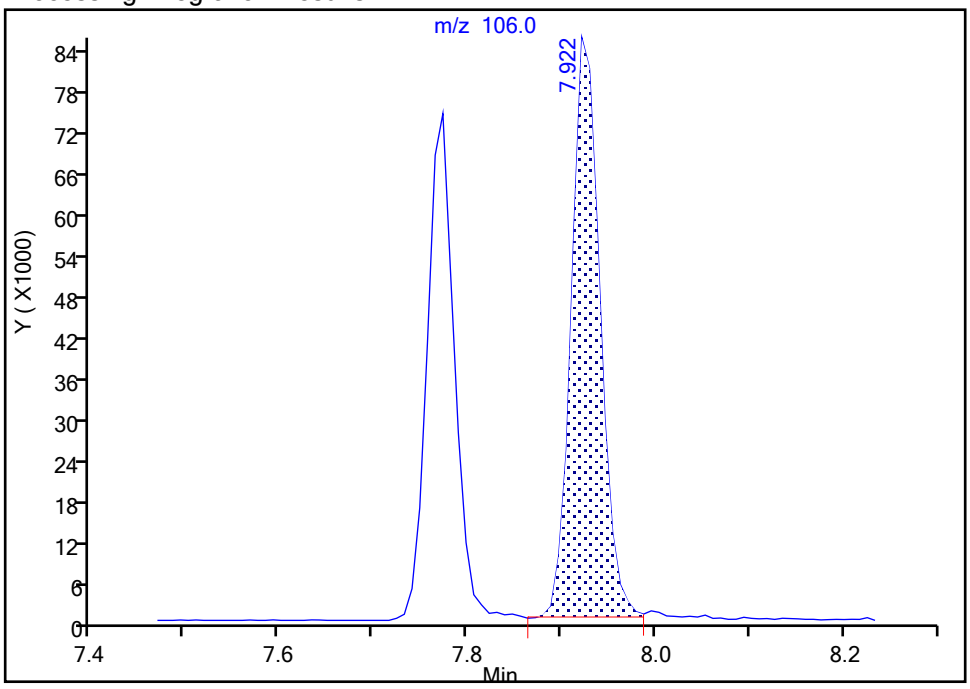
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

91 Ethylbenzene, CAS: 100-41-4

Signal: 1

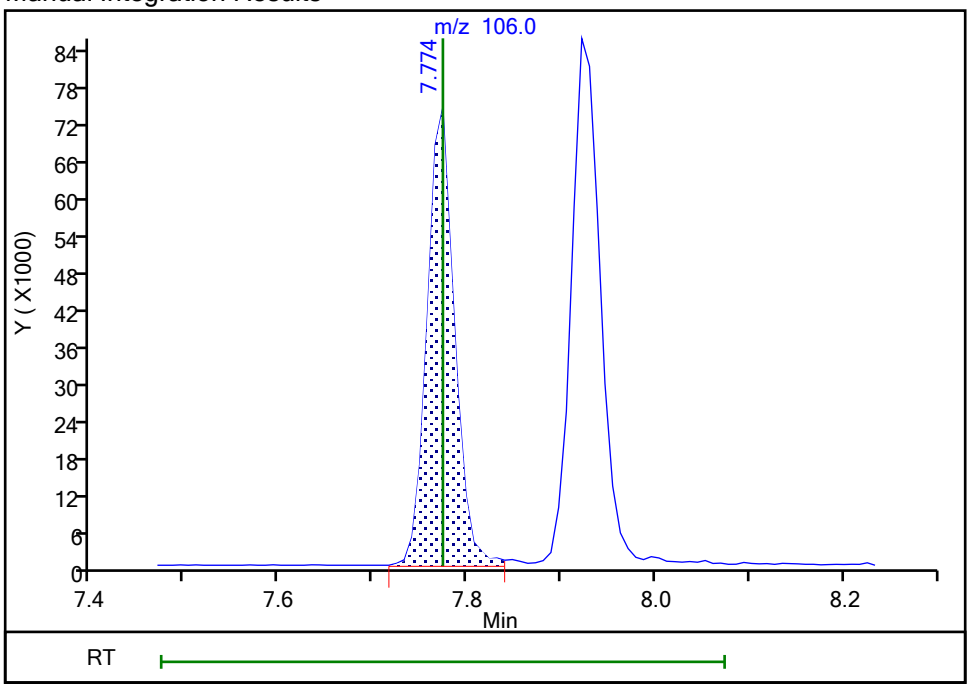
Processing Integration Results

RT: 7.92
Area: 181065
Amount: 23.927809
Amount Units: ug/l



Manual Integration Results

RT: 7.77
Area: 150069
Amount: 21.531830
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:57:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

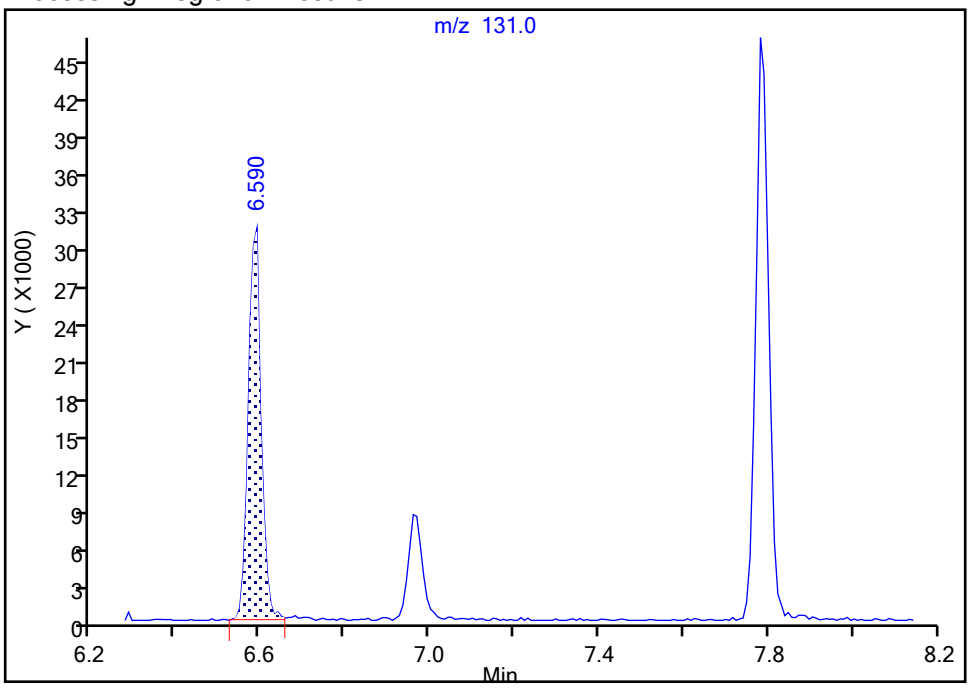
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

92 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

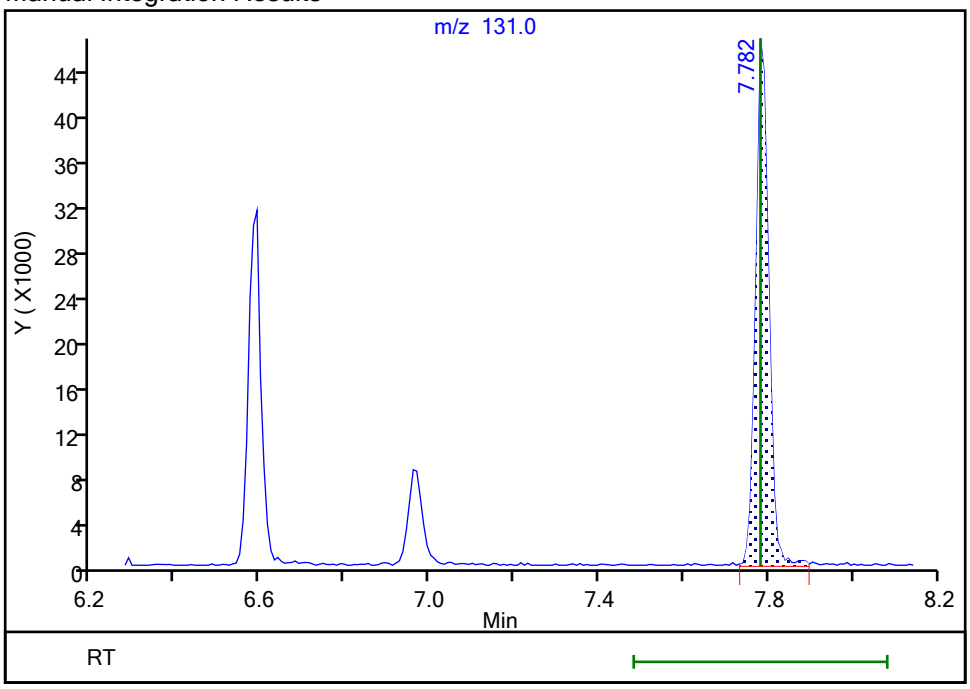
Processing Integration Results

RT: 6.59
Area: 65499
Amount: 20.777951
Amount Units: ug/l



Manual Integration Results

RT: 7.78
Area: 99384
Amount: 21.136864
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:26:48 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

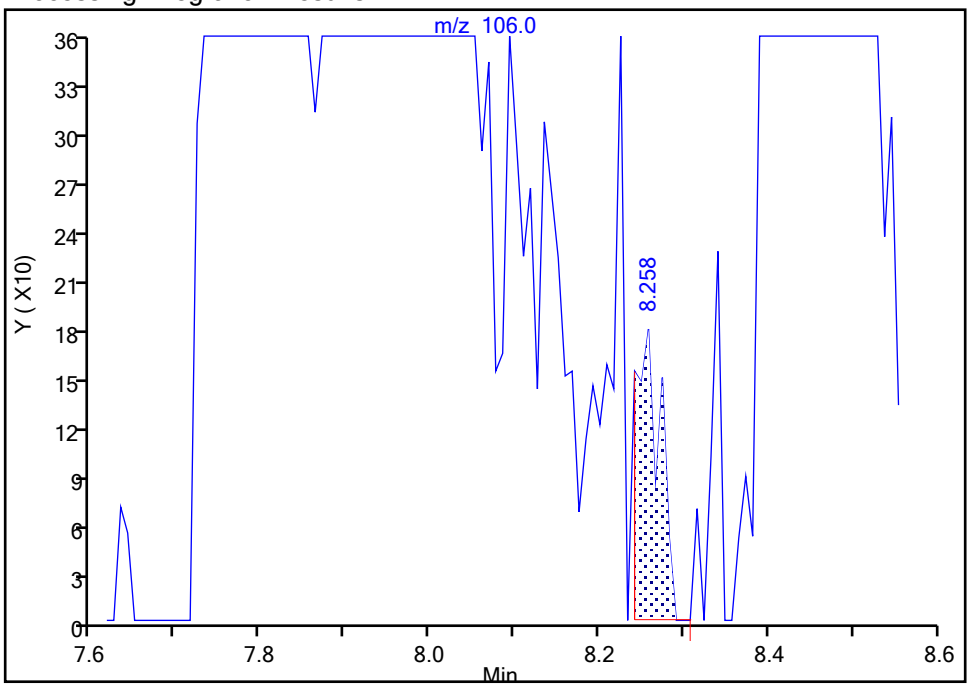
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

93 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

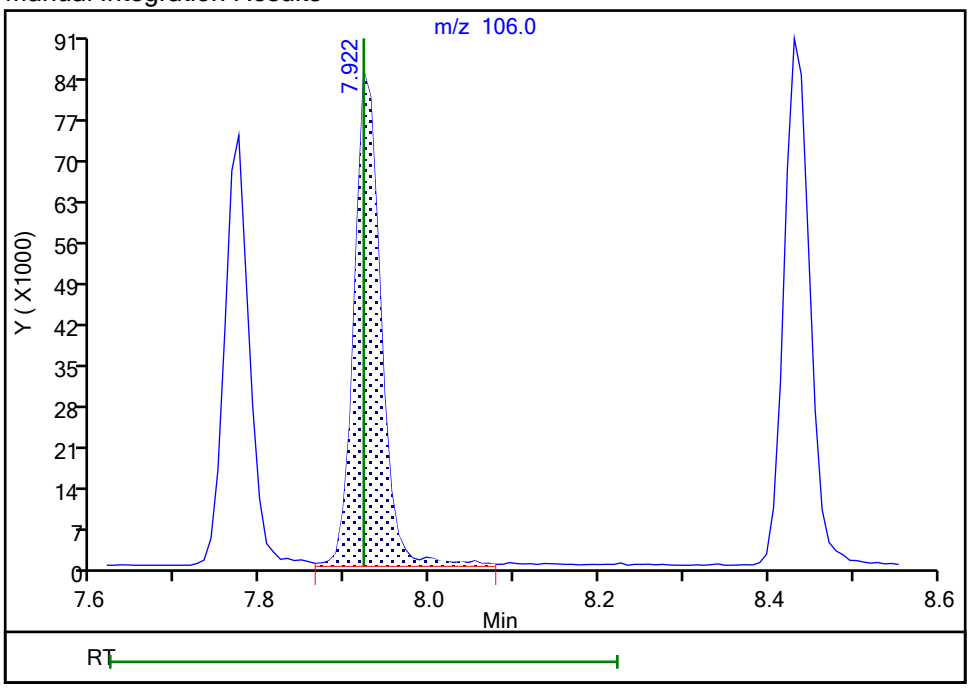
Processing Integration Results

RT: 8.26
Area: 375
Amount: 0.061277
Amount Units: ug/l



Manual Integration Results

RT: 7.92
Area: 186972
Amount: 22.059622
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:56:56 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

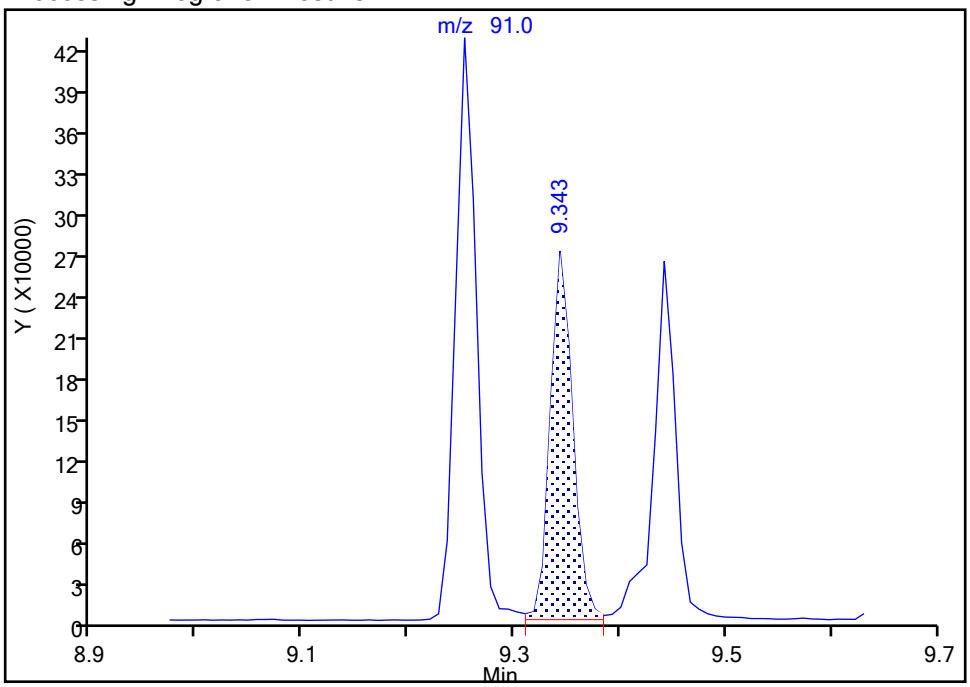
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Signal: 1

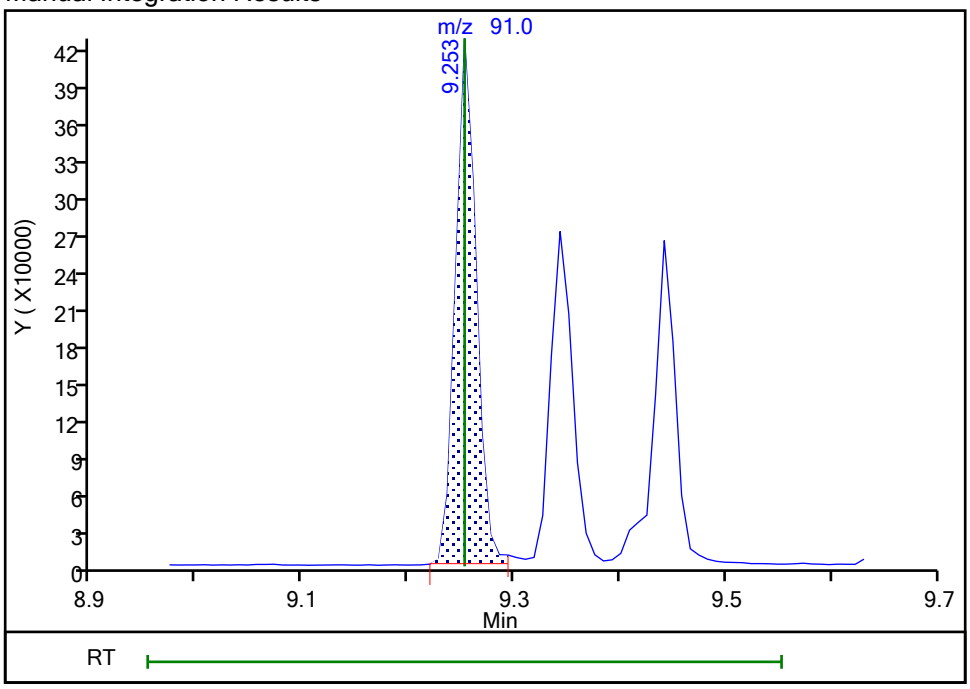
Processing Integration Results

RT: 9.34
Area: 395826
Amount: 18.738988
Amount Units: ug/l



Manual Integration Results

RT: 9.25
Area: 579668
Amount: 23.637886
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:57:46 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

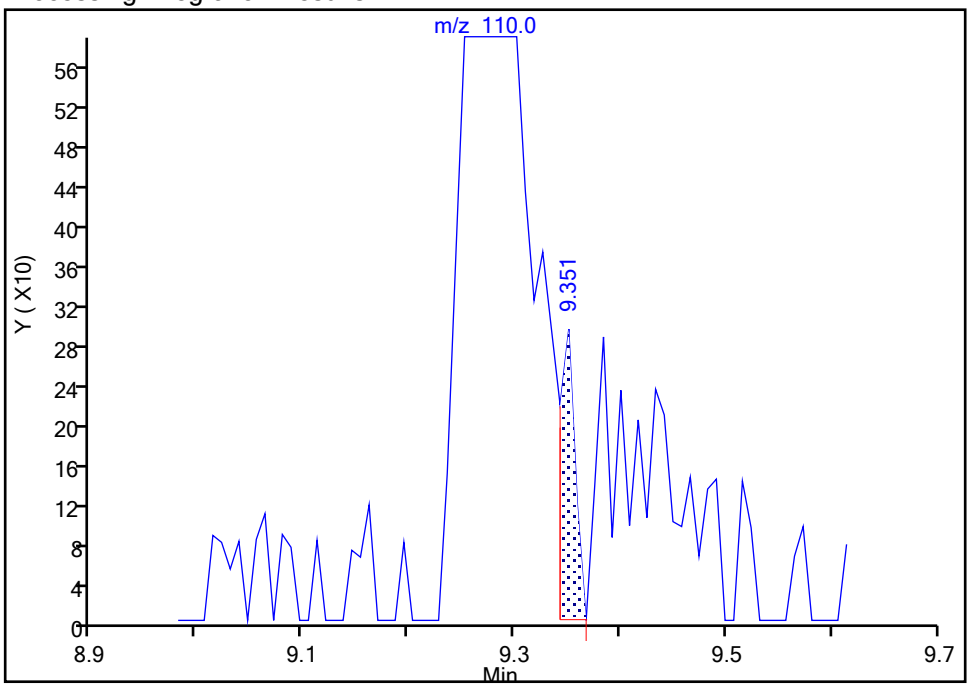
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

104 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

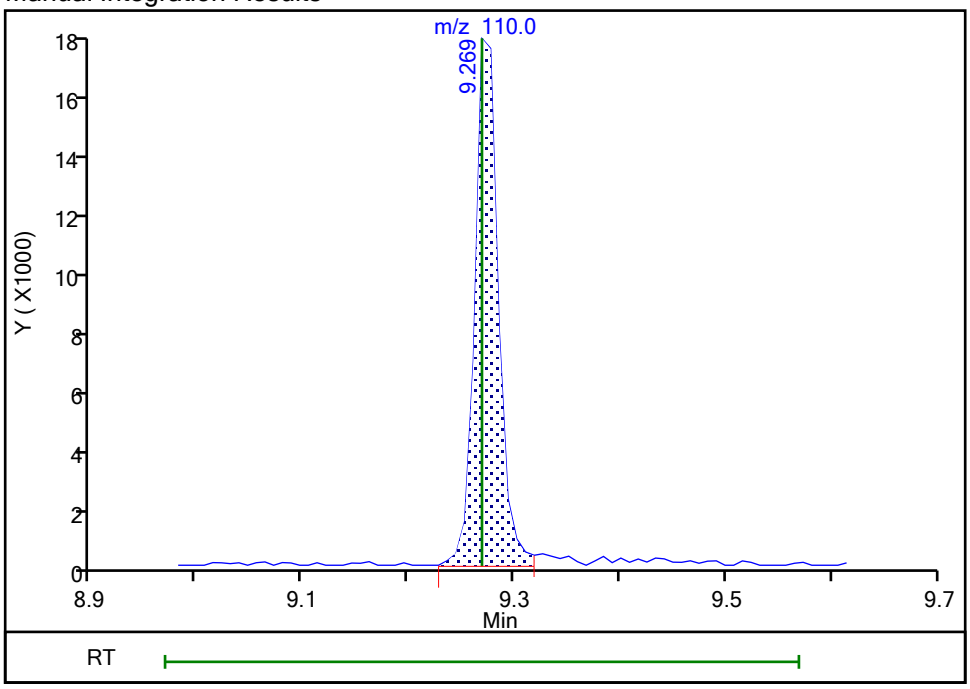
Processing Integration Results

RT: 9.35
Area: 310
Amount: 0.511561
Amount Units: ug/l



Manual Integration Results

RT: 9.27
Area: 26603
Amount: 21.783748
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:57:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

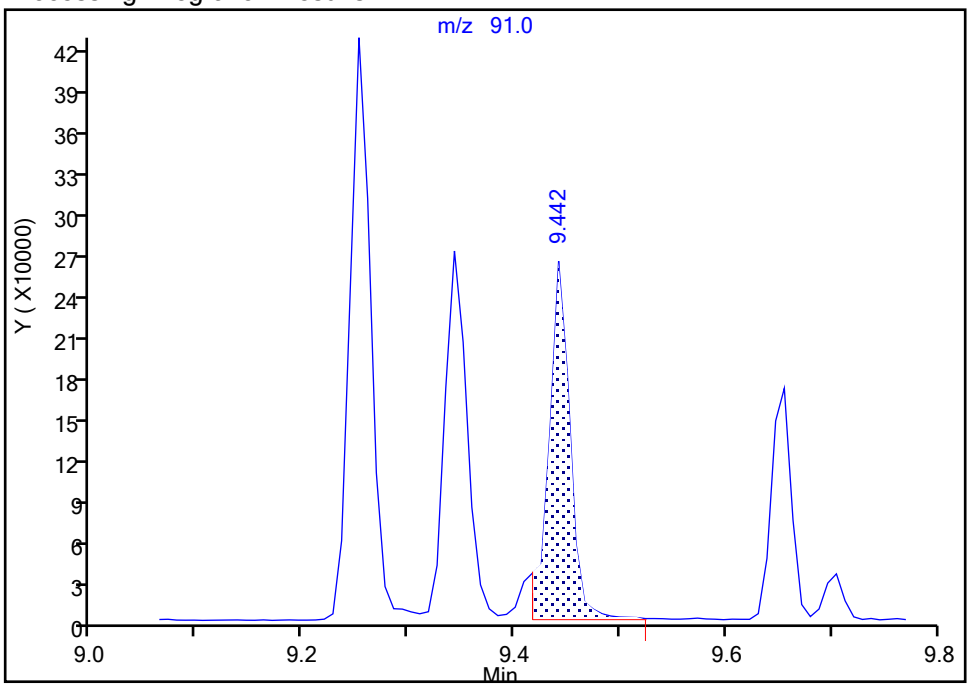
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

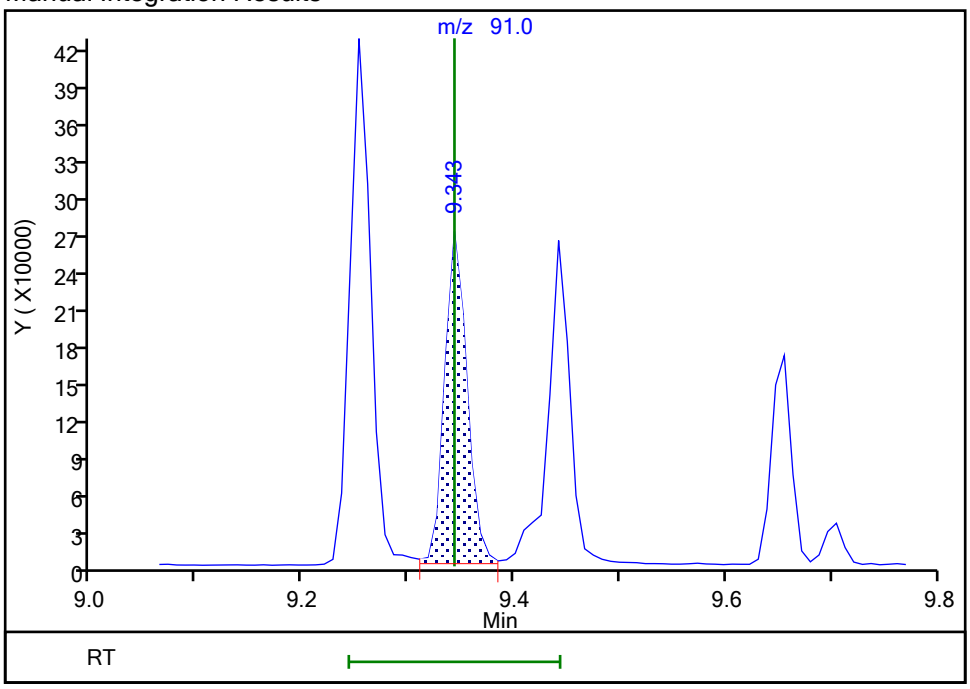
Processing Integration Results

RT: 9.44
Area: 362355
Amount: 21.813840
Amount Units: ug/l



Manual Integration Results

RT: 9.34
Area: 395836
Amount: 22.931888
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:57:38 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

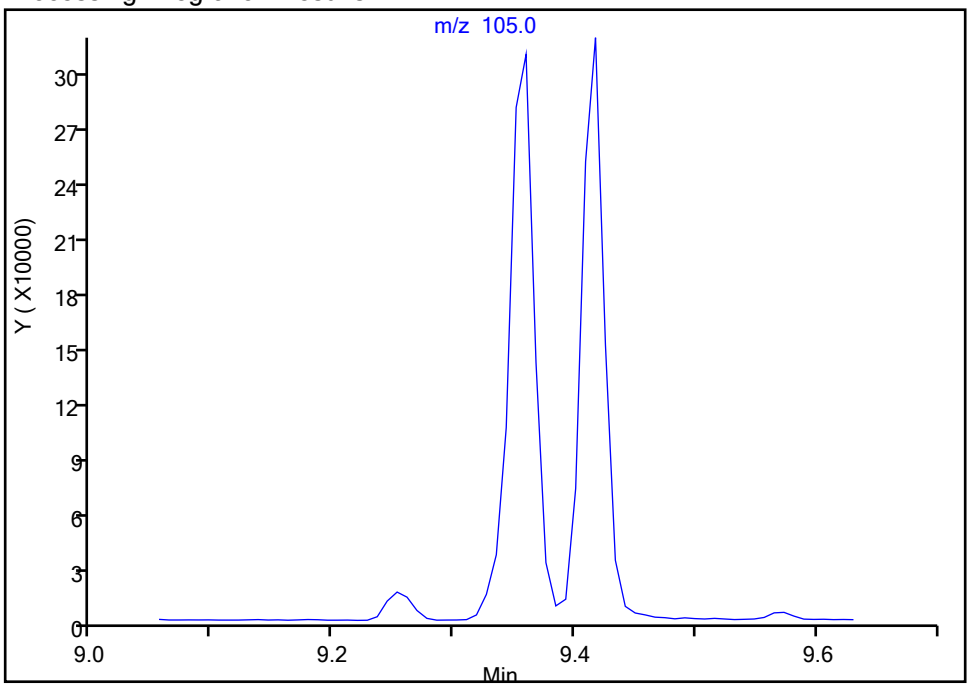
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

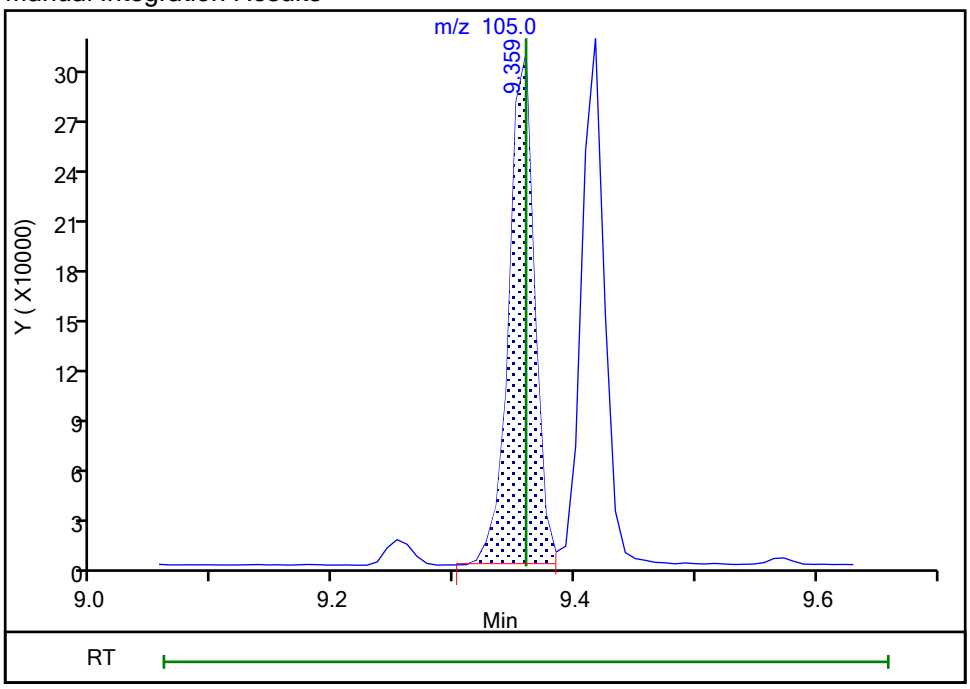
Not Detected
Expected RT: 9.36

Processing Integration Results



Manual Integration Results

RT: 9.36
Area: 455898
Amount: 23.099949
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:57:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

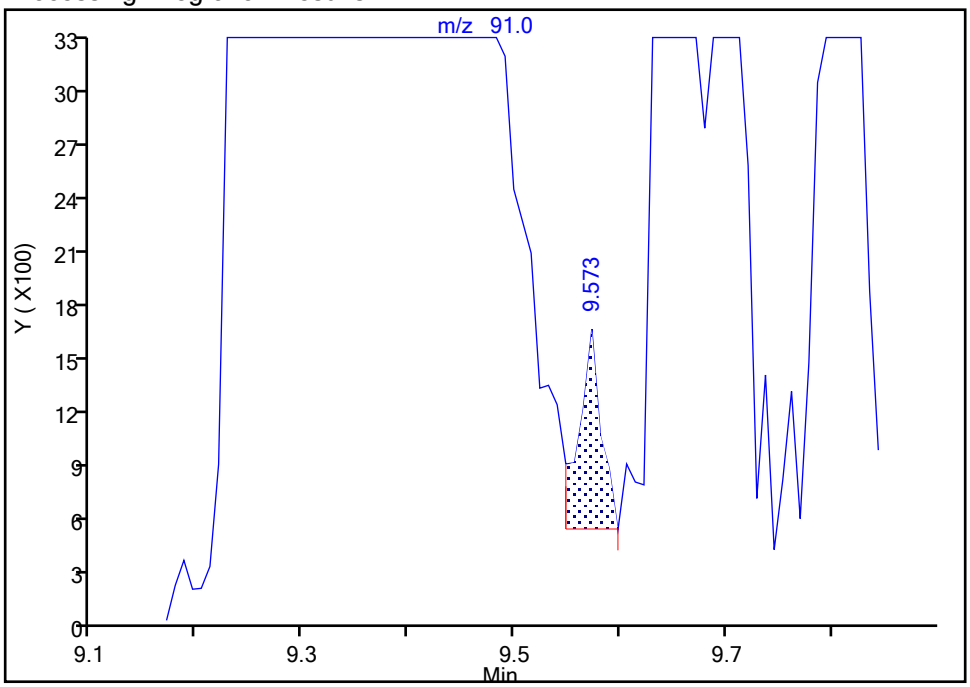
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

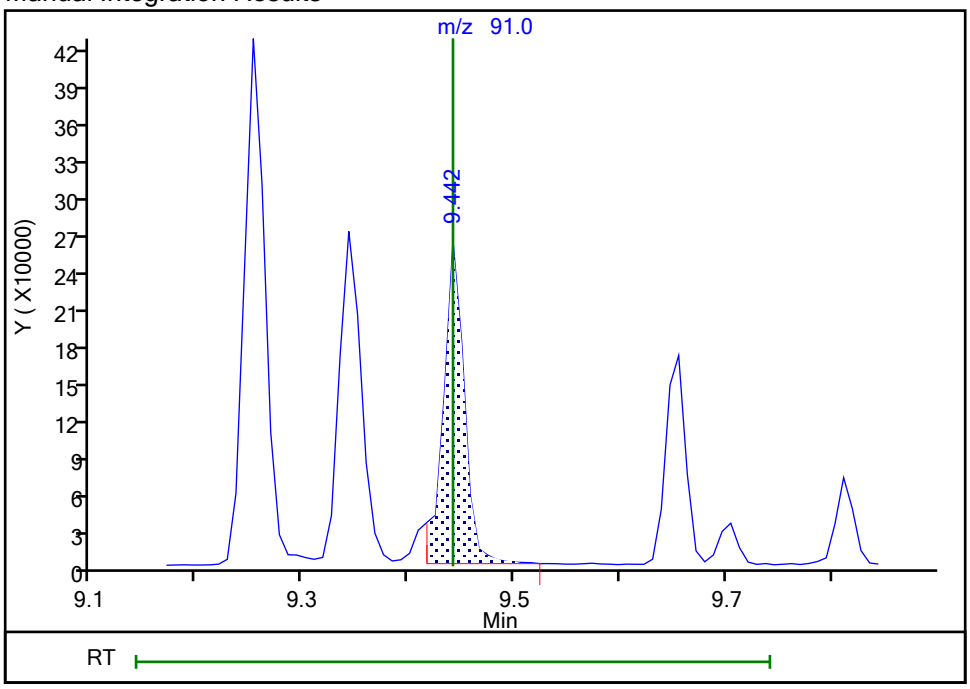
Processing Integration Results

RT: 9.57
Area: 1688
Amount: 0.172531
Amount Units: ug/l



Manual Integration Results

RT: 9.44
Area: 362449
Amount: 22.846786
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:57:55 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

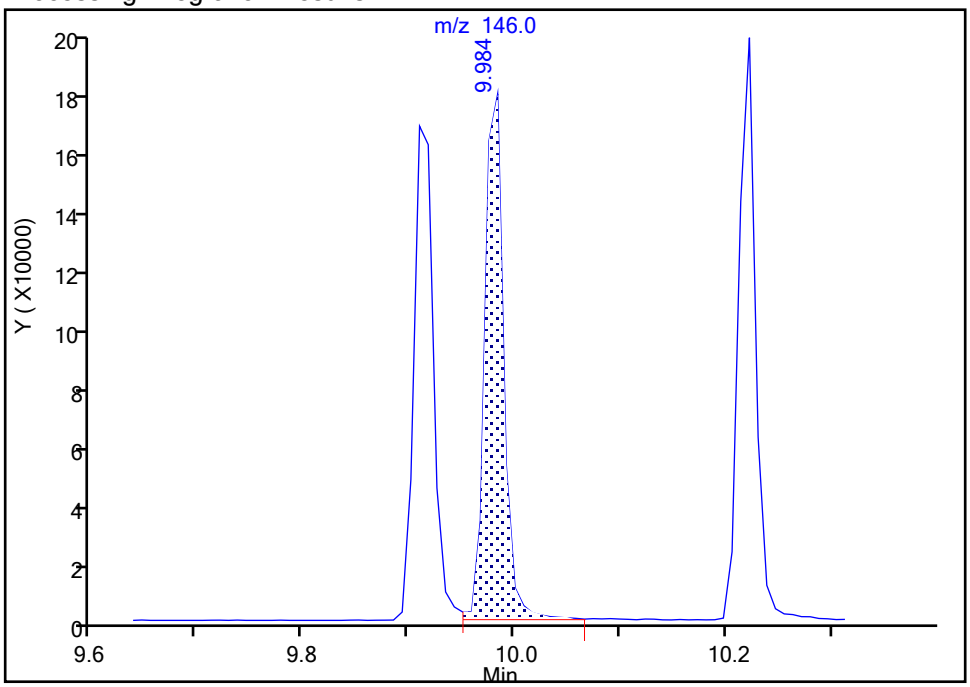
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

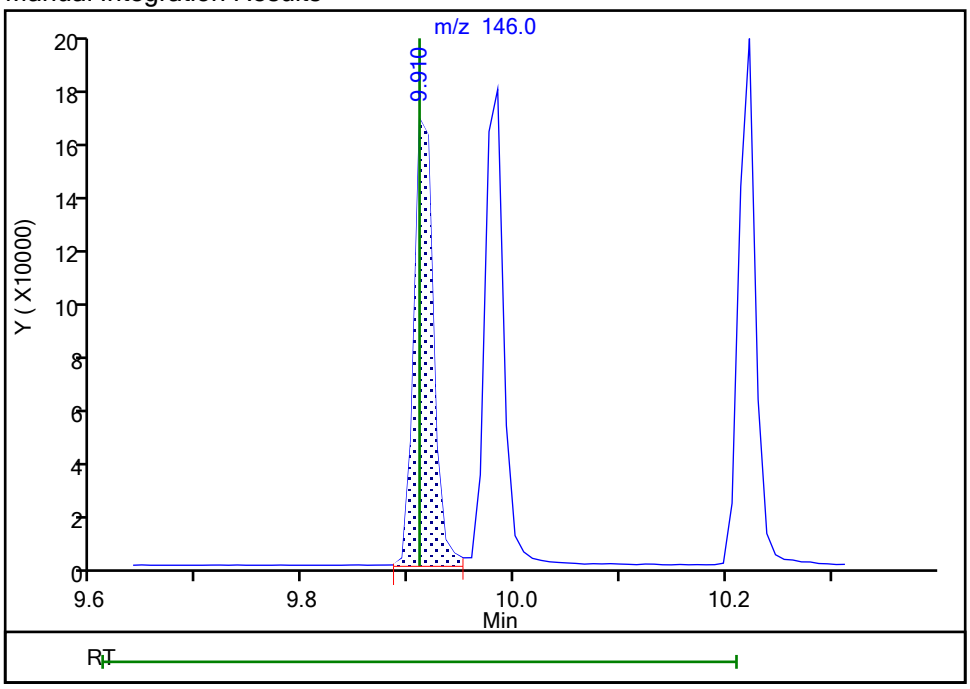
Processing Integration Results

RT: 9.98
Area: 223092
Amount: 23.047038
Amount Units: ug/l



Manual Integration Results

RT: 9.91
Area: 215045
Amount: 22.357244
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:13:39 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

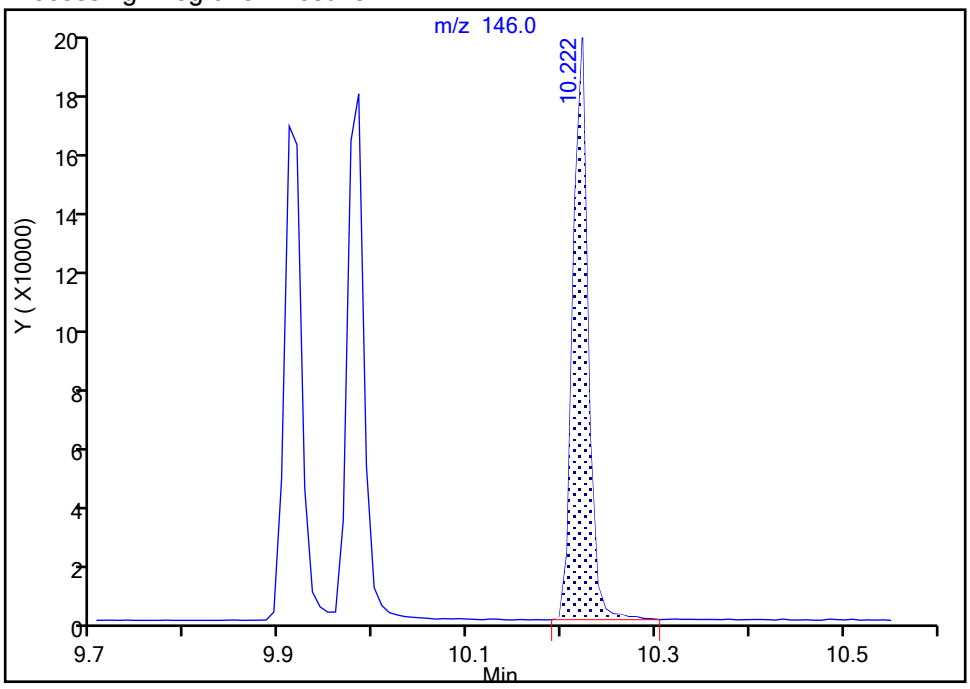
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

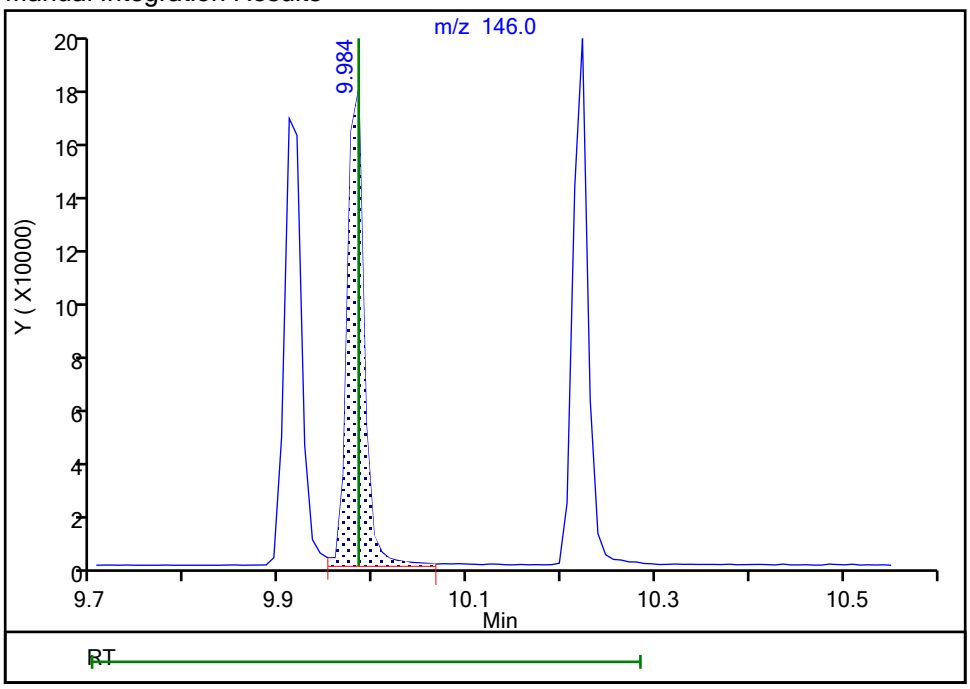
Processing Integration Results

RT: 10.22
Area: 219195
Amount: 22.169466
Amount Units: ug/l



Manual Integration Results

RT: 9.98
Area: 223092
Amount: 22.383063
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:13:33 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

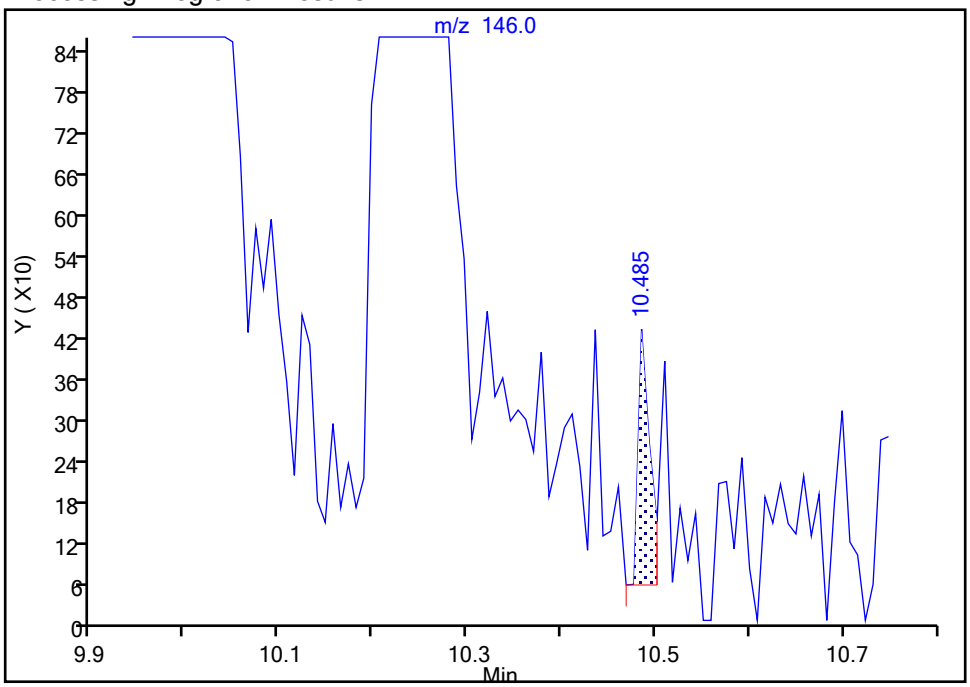
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59227.D
Injection Date: 21-Jan-2026 01:44:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

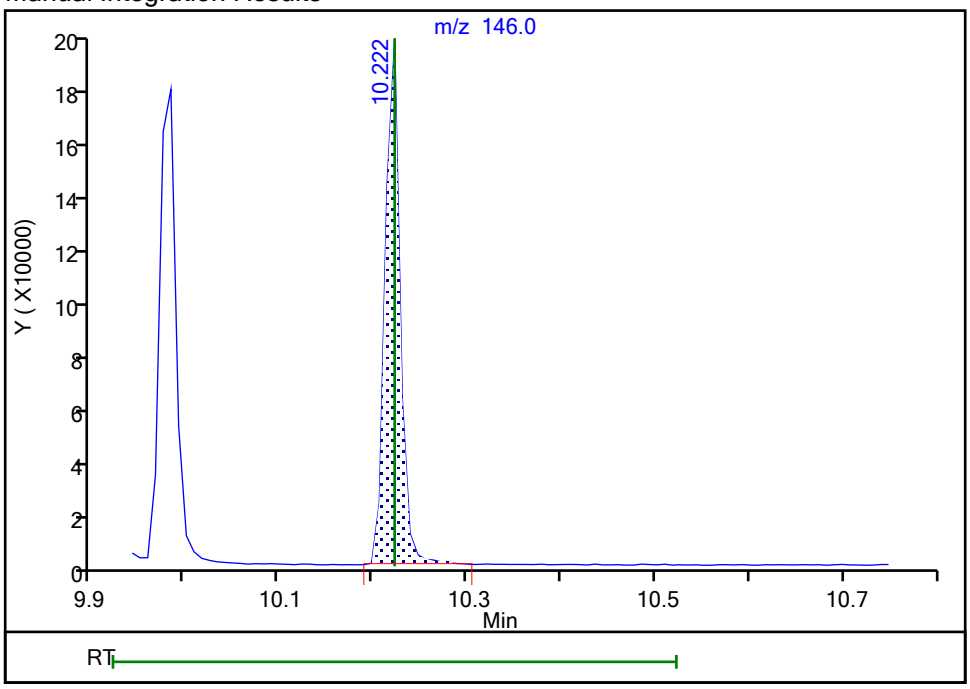
Processing Integration Results

RT: 10.49
Area: 335
Amount: 0.053394
Amount Units: ug/l



Manual Integration Results

RT: 10.22
Area: 217650
Amount: 22.185690
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 19:58:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Lims ID: STD050
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 21-Jan-2026 02:05:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD050
Misc. Info.: 460-0201827-009
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Jan-2026 11:05:22 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: HVW2 Date: 21-Jan-2026 19:55:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.200	1.208	-0.008	62	290766	50.0	47.2	
2 Chloromethane	50	1.340	1.356	-0.016	98	349348	50.0	46.3	
4 Butadiene	54	1.406	1.414	-0.008	95	267744	50.0	45.9	
3 Vinyl chloride	62	1.414	1.430	-0.016	98	369345	50.0	47.6	
5 Bromomethane	94	1.627	1.636	-0.009	100	284460	50.0	47.8	
6 Chloroethane	64	1.677	1.693	-0.016	98	186282	50.0	46.3	
7 Dichlorofluoromethane	67	1.816	1.833	-0.017	99	557576	50.0	48.9	
9 Pentane	72	1.841	1.857	-0.016	96	63482	100.0	96.7	
8 Trichlorofluoromethane	101	1.849	1.866	-0.017	61	346390	50.0	47.3	
10 Ethanol	46	1.989	1.997	-0.008	75	34861	2000.0	2043.4	
11 Ethyl ether	59	1.997	2.005	-0.008	92	153121	50.0	46.7	
12 2-Methyl-1,3-butadiene	53	2.014	2.022	-0.008	94	156867	50.0	47.5	
13 1,2-Dichloro-1,1,2-trifluoroetha	117	2.046	2.055	-0.009	84	217548	50.0	46.5	
14 1,1,1-Trifluoro-2,2-dichloroetha	83	2.088	2.088	0.000	92	382057	50.0	46.3	
16 Acrolein	56	2.137	2.145	-0.008	90	45775	100.0	97.1	
15 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.153	2.161	-0.008	95	244655	50.0	46.6	a
17 1,1-Dichloroethene	96	2.170	2.178	-0.008	96	231922	50.0	47.0	
18 Acetone	43	2.227	2.244	-0.017	90	164535	250.0	206.9	
20 Iodomethane	142	2.293	2.301	-0.008	97	421091	50.0	47.7	
19 Isopropyl alcohol	45	2.301	2.309	-0.008	53	97277	500.0	523.4	
21 Carbon disulfide	76	2.326	2.334	-0.008	98	940141	50.0	48.4	a
23 3-Chloro-1-propene	39	2.424	2.433	-0.009	95	340004	50.0	48.4	
22 Methyl acetate	43	2.424	2.433	-0.009	95	202540	100.0	99.8	
24 Cyclopentene	67	2.441	2.449	-0.008	95	586010	50.0	48.6	
32 Acetonitrile	41	2.482	2.498	-0.016	97	235268	500.0	548.0	a
* 25 TBA-d9 (IS)	65	2.515	2.523	-0.008	64	251152	1000.0	1000.0	
26 Methylene Chloride	84	2.523	2.539	-0.016	86	273188	50.0	47.7	
27 2-Methyl-2-propanol	59	2.572	2.581	-0.009	28	147661	500.0	474.8	a
28 Methyl tert-butyl ether	73	2.654	2.663	-0.009	97	631777	50.0	48.1	
29 trans-1,2-Dichloroethene	96	2.687	2.696	-0.009	92	245106	50.0	47.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	2.745	2.753	-0.008	96	554028	500.0	506.8	
31 Hexane	43	2.811	2.819	-0.008	88	169974	50.0	43.7	
33 Isopropyl ether	45	2.983	2.991	-0.008	97	740033	50.0	48.5	
35 1,1-Dichloroethane	63	3.016	3.024	-0.008	99	422594	50.0	48.9	
34 Vinyl acetate	86	3.024	3.032	-0.008	100	64667	100.0	90.9	
36 2-Chloro-1,3-butadiene	88	3.057	3.065	-0.008	87	209340	50.0	46.0	
37 Tert-butyl ethyl ether	59	3.254	3.254	0.000	90	696569	50.0	48.4	
* 38 2-Butanone-d5	46	3.427	3.435	-0.008	86	239722	250.0	250.0	
39 2,2-Dichloropropane	97	3.443	3.443	0.000	94	98822	50.0	47.9	
41 cis-1,2-Dichloroethene	96	3.468	3.468	0.000	98	276338	50.0	46.5	
40 Ethyl acetate	70	3.476	3.484	-0.008	96	35905	100.0	97.3	
42 2-Butanone (MEK)	72	3.476	3.484	-0.008	97	90395	250.0	244.0	
43 Methyl acrylate	55	3.525	3.542	-0.017	99	109777	50.0	48.8	
44 Propionitrile	54	3.591	3.599	-0.008	99	203863	500.0	509.0	a
46 Tetrahydrofuran	42	3.657	3.665	-0.008	82	114615	100.0	95.2	a
45 Chlorobromomethane	128	3.665	3.673	-0.008	84	118900	50.0	48.4	
47 Methacrylonitrile	67	3.673	3.682	-0.009	88	710600	500.0	492.0	a
48 Chloroform	83	3.706	3.714	-0.008	98	412221	50.0	48.6	
49 Cyclohexane	84	3.821	3.830	-0.009	88	395423	50.0	47.5	
51 1,1,1-Trichloroethane	97	3.838	3.838	0.000	98	382519	50.0	47.8	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	97	176046	50.0	50.3	
52 Carbon tetrachloride	117	3.945	3.945	0.000	98	303418	50.0	47.0	
53 1,1-Dichloropropene	75	3.969	3.969	0.000	99	320757	50.0	46.8	
134 Isooctane	57	4.117	4.117	0.000	92	800669	50.0	43.1	a
54 Isobutyl alcohol	43	4.092	4.117	-0.025	52	95413	1250.0	843.4	M
55 Benzene	78	4.142	4.142	0.000	95	1014795	50.0	48.5	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	94	163218	50.0	49.0	
57 Isopropyl acetate	87	4.191	4.199	-0.008	95	195644	50.0	49.0	
58 Tert-amyl methyl ether	73	4.191	4.199	-0.008	93	750815	50.0	48.0	
59 1,2-Dichloroethane	62	4.224	4.224	0.000	96	242032	50.0	45.7	
60 n-Heptane	57	4.281	4.281	0.000	88	158523	50.0	45.3	
* 61 Fluorobenzene	96	4.396	4.405	-0.009	99	738393	50.0	50.0	
63 Trichloroethene	95	4.717	4.725	-0.008	100	241754	50.0	47.6	
62 n-Butanol	56	4.717	4.774	-0.057	25	47512	1250.0	845.5	a
64 Ethyl acrylate	55	4.832	4.832	0.000	94	497914	50.0	48.3	
65 Methylcyclohexane	83	4.832	4.840	-0.008	88	425767	50.0	45.3	
66 1,2-Dichloropropane	63	4.980	4.988	-0.008	95	248836	50.0	44.6	
* 67 1,4-Dioxane-d8	96	5.037	5.037	0.000	43	30476	1000.0	1000.0	a
68 Methyl methacrylate	100	5.054	5.054	0.000	84	96528	100.0	93.0	
69 1,4-Dioxane	88	5.087	5.095	-0.008	41	42641	1000.0	1043.8	
71 Dibromomethane	93	5.103	5.111	-0.008	86	132939	50.0	45.2	
70 n-Propyl acetate	43	5.103	5.111	-0.008	95	205386	50.0	46.9	
72 Dichlorobromomethane	83	5.243	5.243	0.000	99	290920	50.0	45.8	
74 2-Nitropropane	41	5.547	5.555	-0.008	78	68468	100.0	91.4	
73 2-Chloroethyl vinyl ether	63	5.555	5.563	-0.008	91	121414	50.1	48.5	
75 Epichlorohydrin	57	5.654	5.662	-0.008	99	303902	1000.0	809.5	
76 cis-1,3-Dichloropropene	75	5.711	5.711	0.000	88	374918	50.0	46.1	
77 4-Methyl-2-pentanone (MIBK)	43	5.859	5.859	0.000	95	742216	250.0	250.4	a
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	100	715083	50.0	50.8	
79 Toluene	91	6.007	6.007	0.000	93	1023431	50.0	48.2	
80 trans-1,3-Dichloropropene	75	6.344	6.344	0.000	97	292138	50.0	48.5	
81 Ethyl methacrylate	69	6.369	6.377	-0.008	88	249639	50.0	47.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	6.541	6.541	0.000	98	168556	50.0	52.1	
83 Tetrachloroethene	166	6.582	6.582	0.000	95	211493	50.0	45.5	
84 1,3-Dichloropropane	76	6.738	6.747	-0.009	89	317339	50.0	49.9	
85 2-Hexanone	43	6.804	6.812	-0.008	94	420798	250.0	204.2	a
86 n-Butyl acetate	43	6.919	6.927	-0.008	98	255669	50.0	50.3	
87 Chlorodibromomethane	129	6.960	6.960	0.000	98	201868	50.0	45.9	
88 Ethylene Dibromide	107	7.108	7.108	0.000	96	183426	50.0	47.5	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	84	511823	50.0	50.0	
90 Chlorobenzene	112	7.667	7.667	0.000	95	617970	50.0	47.9	
91 Ethylbenzene	106	7.774	7.774	0.000	97	365882	50.0	47.8	a
92 1,1,1,2-Tetrachloroethane	131	7.782	7.782	0.000	96	238999	50.0	46.3	a
93 m-Xylene & p-Xylene	106	7.922	7.922	0.000	99	449104	50.0	48.3	a
95 o-Xylene	106	8.431	8.431	0.000	94	475493	50.0	49.2	a
94 n-Butyl acrylate	73	8.439	8.439	0.000	98	161827	50.0	46.8	
96 Styrene	104	8.472	8.472	0.000	97	708680	50.0	49.8	
98 Bromoform	173	8.719	8.719	0.000	94	109881	50.0	47.3	
97 Amyl acetate (mixed isomers)	43	8.719	8.727	-0.008	93	337726	50.0	51.3	
99 Isopropylbenzene	105	8.858	8.858	0.000	95	1098547	50.0	48.7	
$ 100 4-Bromofluorobenzene	174	9.055	9.055	0.000	85	181162	50.0	49.0	
101 Bromobenzene	156	9.179	9.179	0.000	97	246018	50.0	47.8	
102 1,1,2,2-Tetrachloroethane	83	9.236	9.236	0.000	99	252915	50.0	48.2	
103 N-Propylbenzene	91	9.253	9.253	0.000	99	1386931	50.0	50.2	a
104 1,2,3-Trichloropropane	110	9.269	9.269	0.000	90	63992	50.0	46.5	a
105 trans-1,4-Dichloro-2-butene	53	9.294	9.302	-0.008	91	52648	50.0	50.4	a
106 2-Chlorotoluene	91	9.343	9.343	0.000	96	954847	50.0	49.1	a
107 4-Ethyltoluene	105	9.359	9.359	0.000	99	1116297	50.0	50.2	a
108 1,3,5-Trimethylbenzene	105	9.417	9.417	0.000	94	1047258	50.0	50.7	
109 4-Chlorotoluene	91	9.442	9.442	0.000	96	871536	50.0	48.8	a
110 Butyl Methacrylate	87	9.507	9.507	0.000	85	399833	50.0	49.0	
111 tert-Butylbenzene	119	9.655	9.655	0.000	94	828946	50.0	49.0	
112 1,2,4-Trimethylbenzene	105	9.705	9.705	0.000	97	1051724	50.0	50.6	
113 sec-Butylbenzene	105	9.811	9.811	0.000	99	1381496	50.0	51.6	
115 1,3-Dichlorobenzene	146	9.910	9.910	0.000	95	514977	50.0	47.6	a
114 4-Isopropyltoluene	119	9.918	9.918	0.000	98	1143344	50.0	50.7	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	95	277292	50.0	50.0	
117 1,4-Dichlorobenzene	146	9.976	9.984	-0.008	95	529028	50.0	47.1	a
118 1,2,3-Trimethylbenzene	105	9.992	9.992	0.000	98	1125157	50.0	51.5	
119 Benzyl chloride	91	10.074	10.083	-0.009	99	529296	50.0	47.4	
120 2,3-Dihydroindene	117	10.124	10.124	0.000	95	969612	50.0	50.0	
121 p-Diethylbenzene	119	10.165	10.165	0.000	93	695801	50.0	49.4	
122 n-Butylbenzene	92	10.181	10.181	0.000	97	631524	50.0	49.5	
123 1,2-Dichlorobenzene	146	10.222	10.222	0.000	96	532001	50.0	48.2	a
124 1,2,4,5-Tetramethylbenzene	119	10.625	10.625	0.000	98	1182864	50.0	51.6	
125 1,2-Dibromo-3-Chloropropane	157	10.691	10.691	0.000	96	51742	50.0	46.6	
126 1,3,5-Trichlorobenzene	180	10.765	10.765	0.000	98	451618	50.0	48.2	
127 1,2,4-Trichlorobenzene	180	11.110	11.110	0.000	94	436726	50.0	50.2	
128 Hexachlorobutadiene	225	11.167	11.167	0.000	94	161581	50.0	49.9	
129 Naphthalene	128	11.249	11.249	0.000	99	983996	50.0	50.3	
130 1,2,3-Trichlorobenzene	180	11.389	11.389	0.000	96	392745	50.0	50.1	
S 131 1,2-Dichloroethene, Total	100				0		100.0	93.6	
S 132 Total BTEX	1				0		250.0	242.0	
S 133 Xylenes, Total	100				0		100.0	97.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00193	Amount Added:	10.00	Units: uL	
GASES Li_00680	Amount Added:	50.00	Units: uL	
524FREONS_00049	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00217	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00085	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 24-Jan-2026 11:05:23 Chrom Revision: 2.3 27-Dec-2025 13:45:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D

Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6 Operator ID:

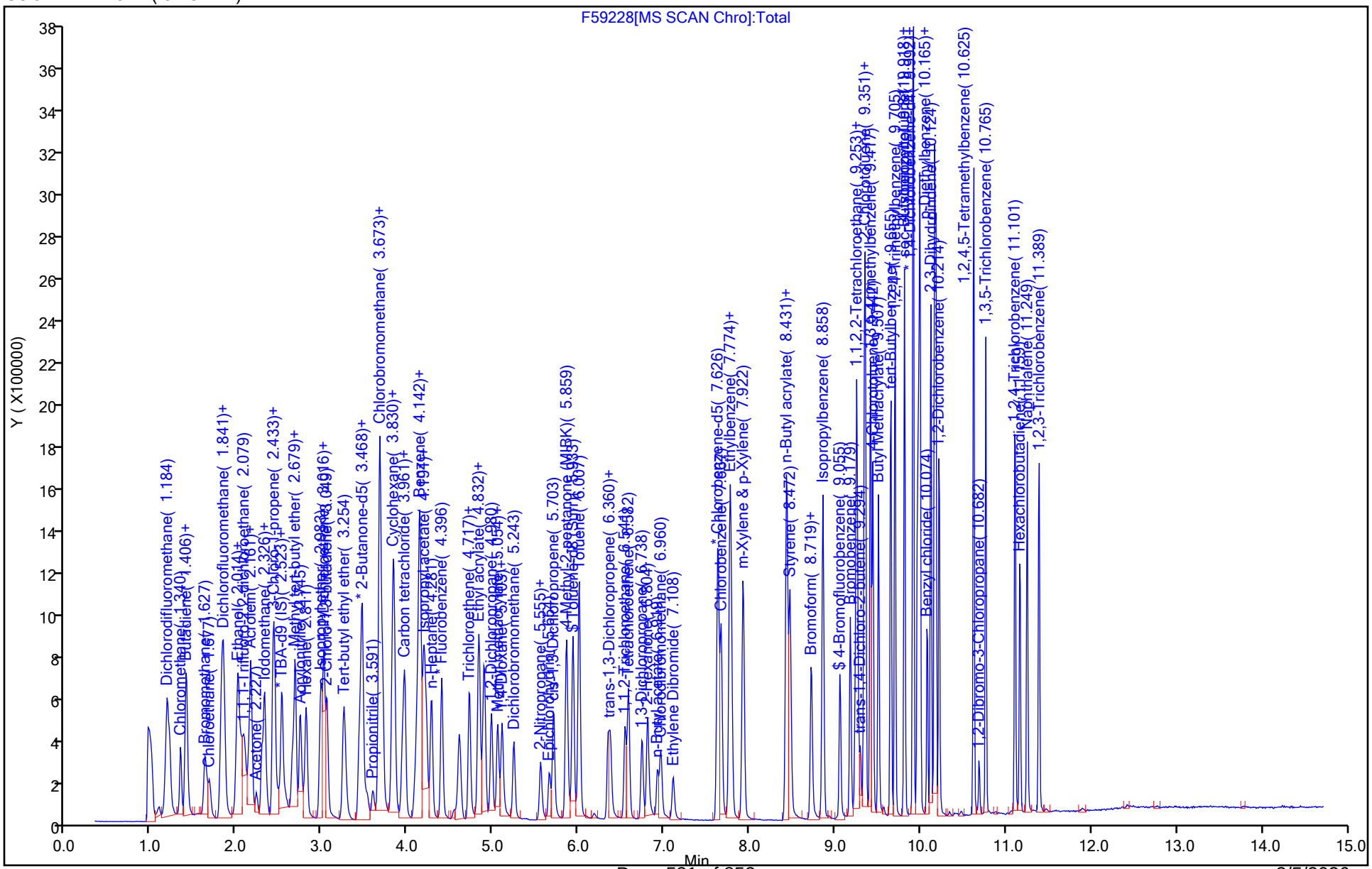
Lims ID: STD050 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

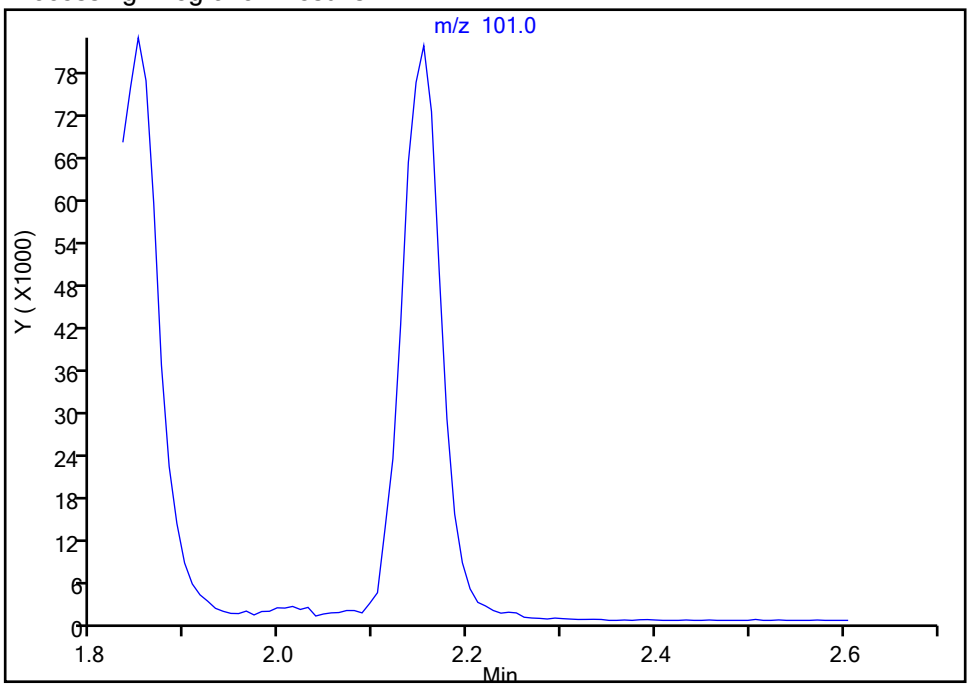
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

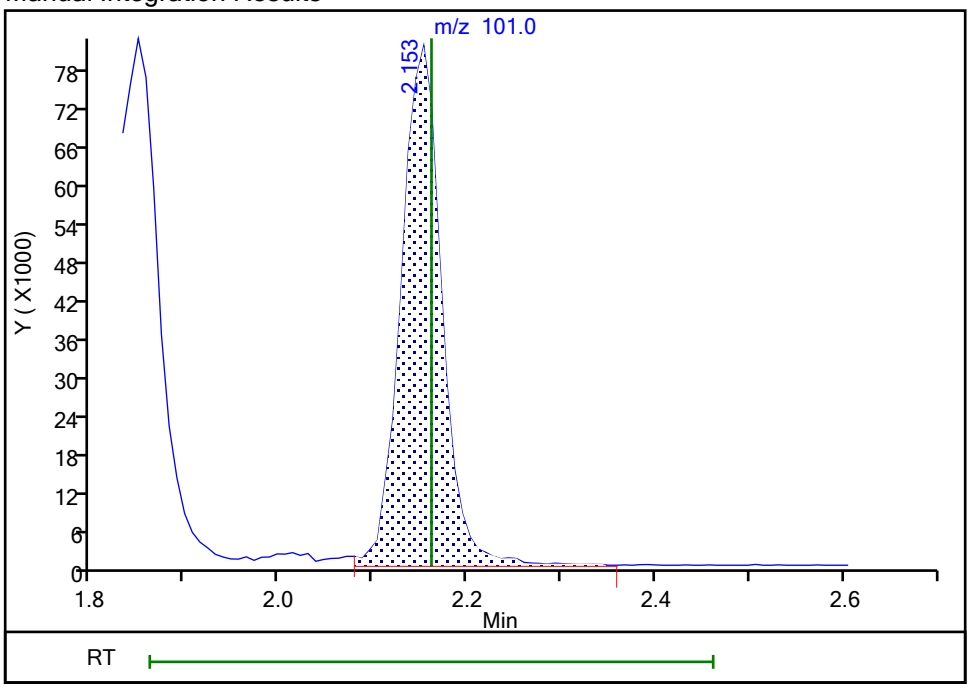
Not Detected
Expected RT: 2.16

Processing Integration Results



Manual Integration Results

RT: 2.15
Area: 244655
Amount: 46.570467
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:00:30 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

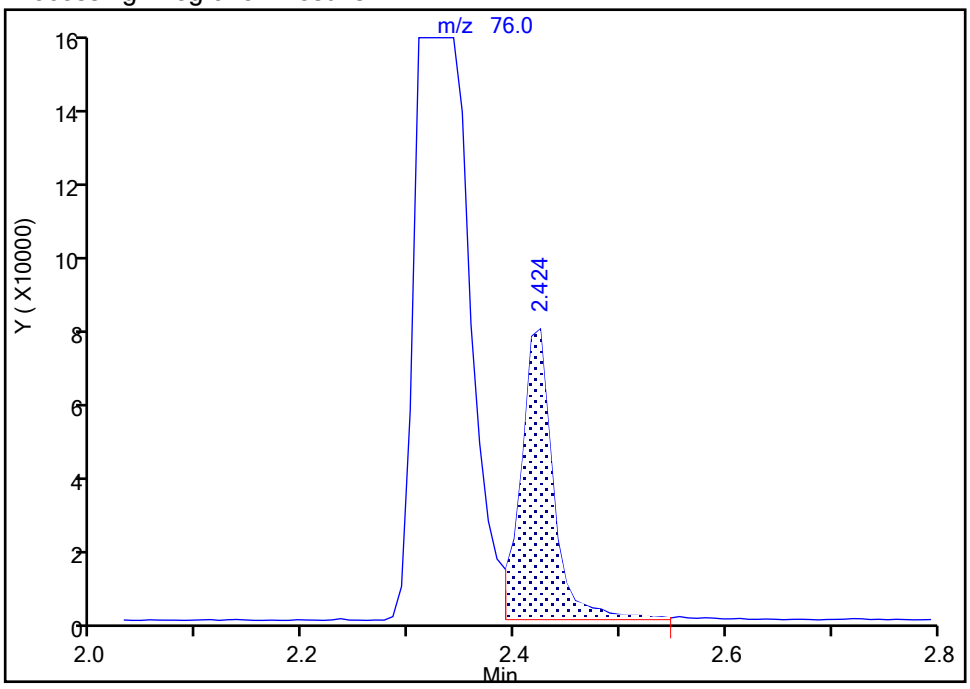
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 Carbon disulfide, CAS: 75-15-0

Signal: 1

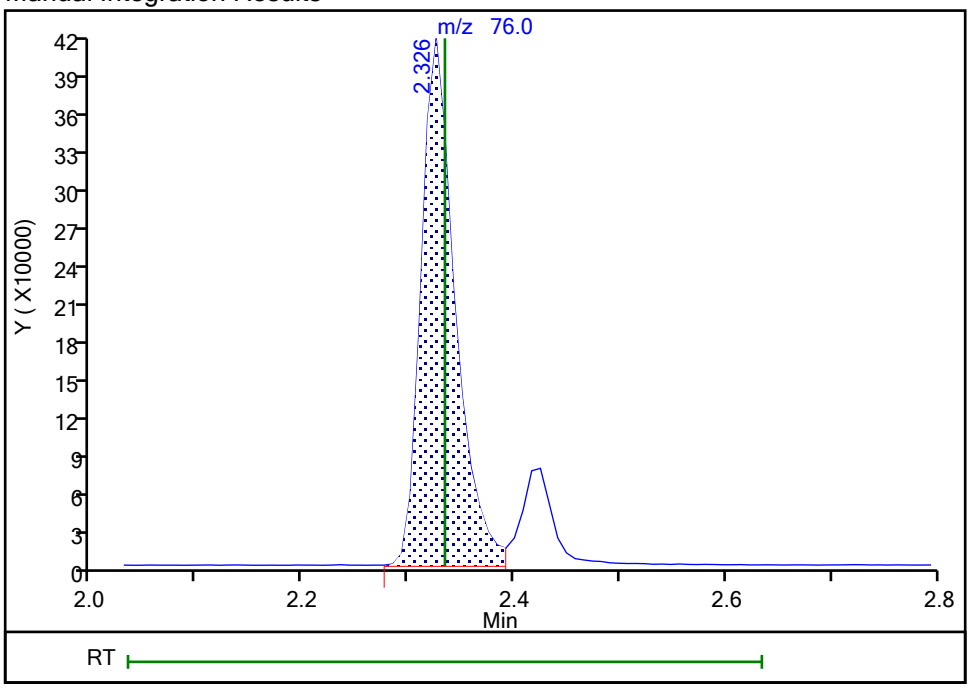
Processing Integration Results

RT: 2.42
Area: 166871
Amount: 9.242198
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 940141
Amount: 48.367278
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:32:16 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

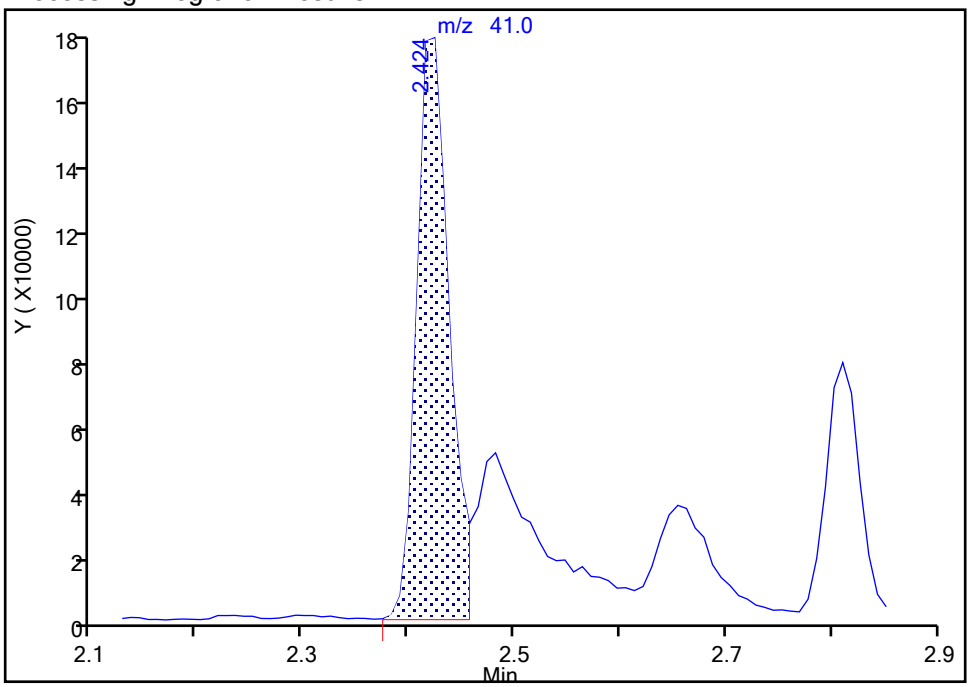
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Acetonitrile, CAS: 75-05-8

Signal: 1

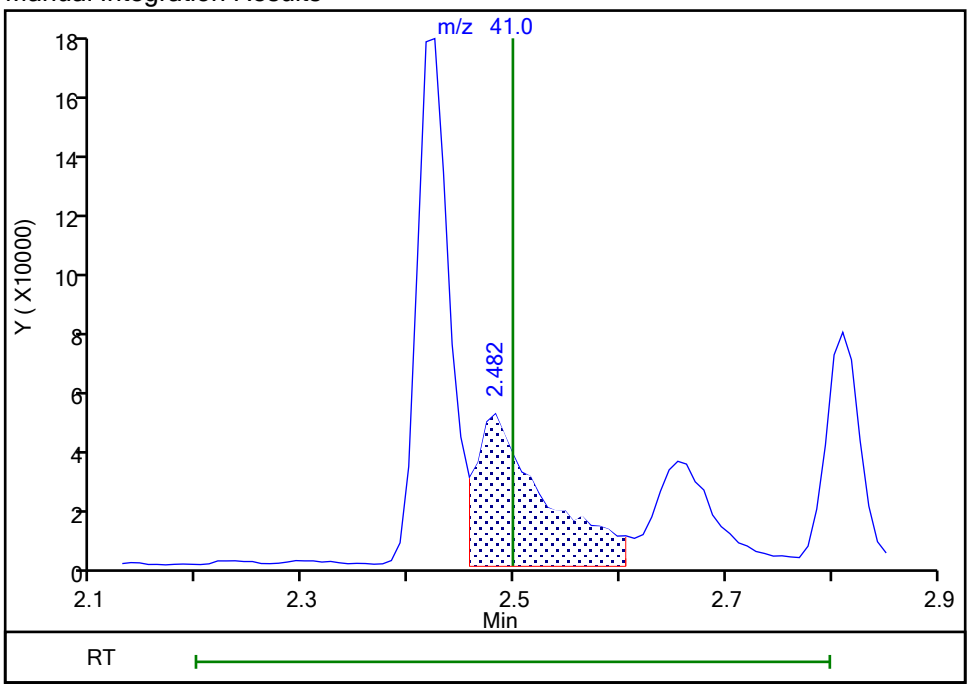
Processing Integration Results

RT: 2.42
Area: 385194
Amount: 500.9310
Amount Units: ug/l



Manual Integration Results

RT: 2.48
Area: 235268
Amount: 548.0251
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:00:39 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

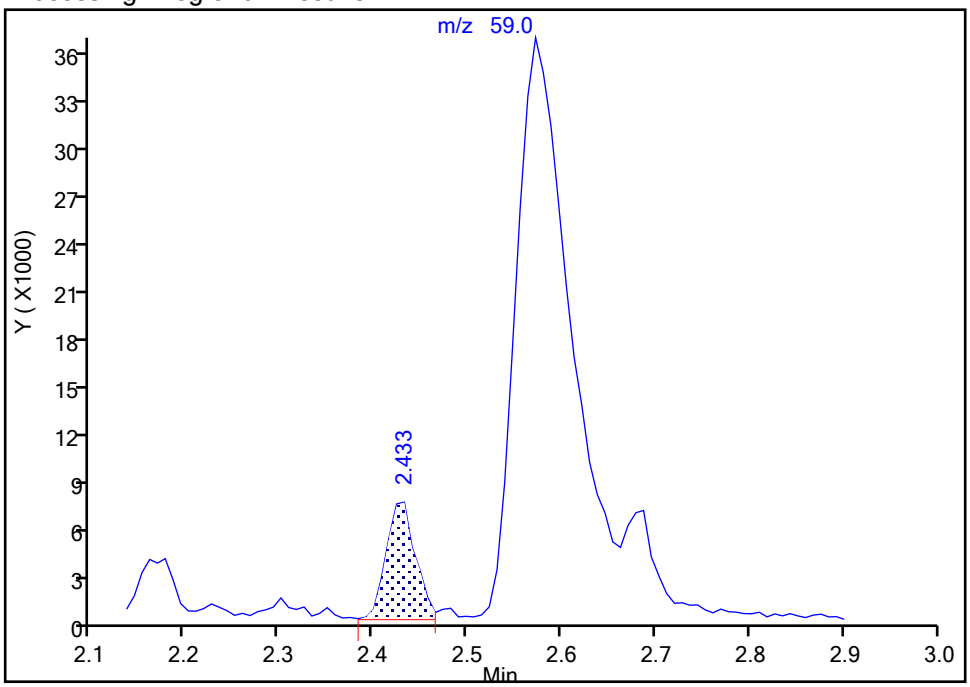
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

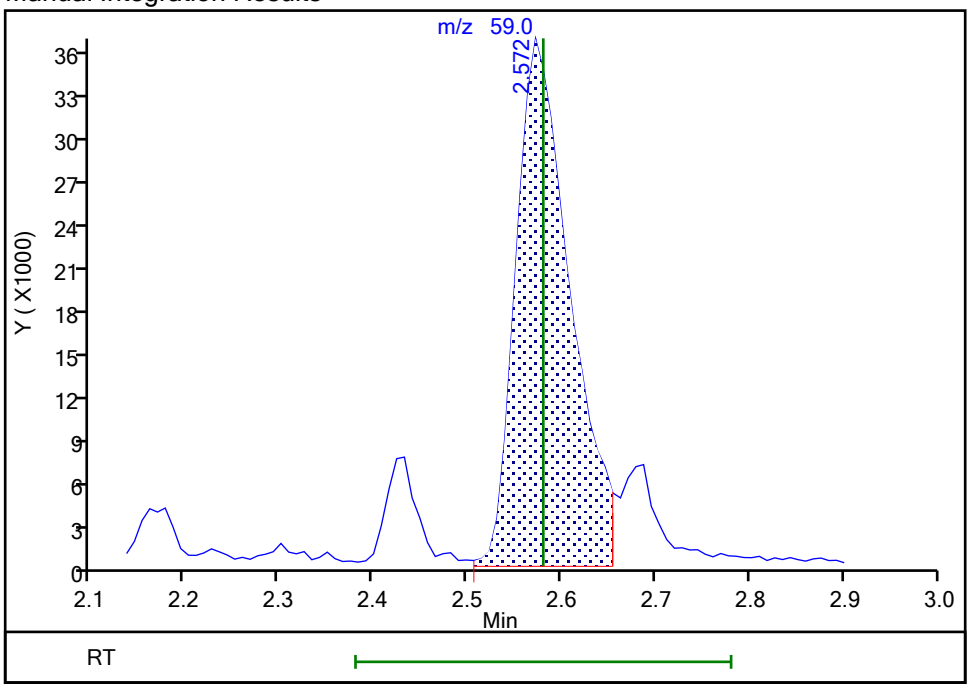
Processing Integration Results

RT: 2.43
Area: 16371
Amount: 64.569138
Amount Units: ug/l



Manual Integration Results

RT: 2.57
Area: 147661
Amount: 474.8435
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:00:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

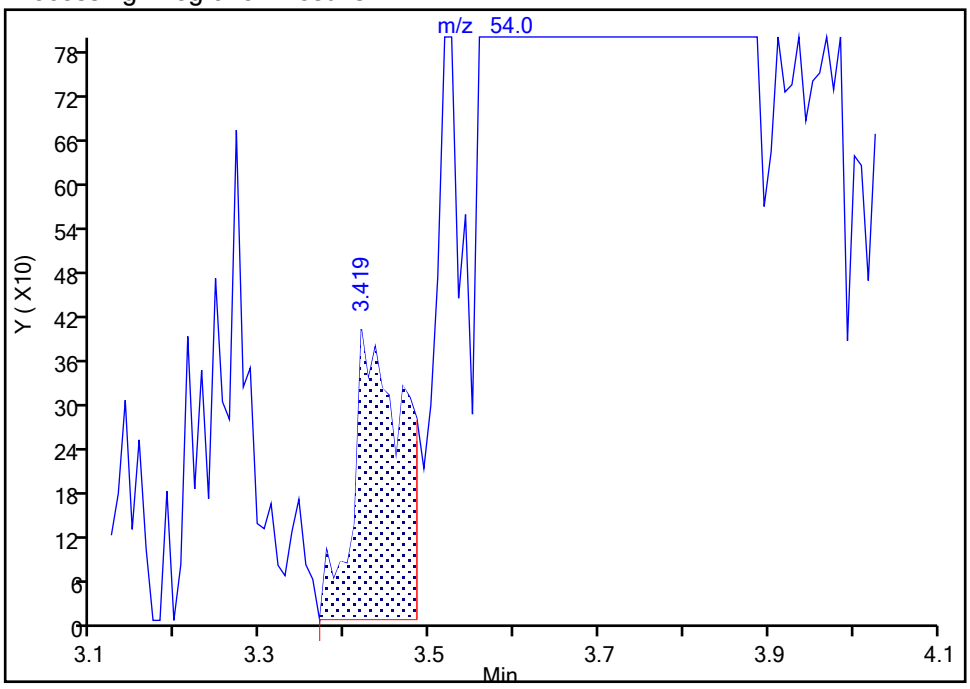
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

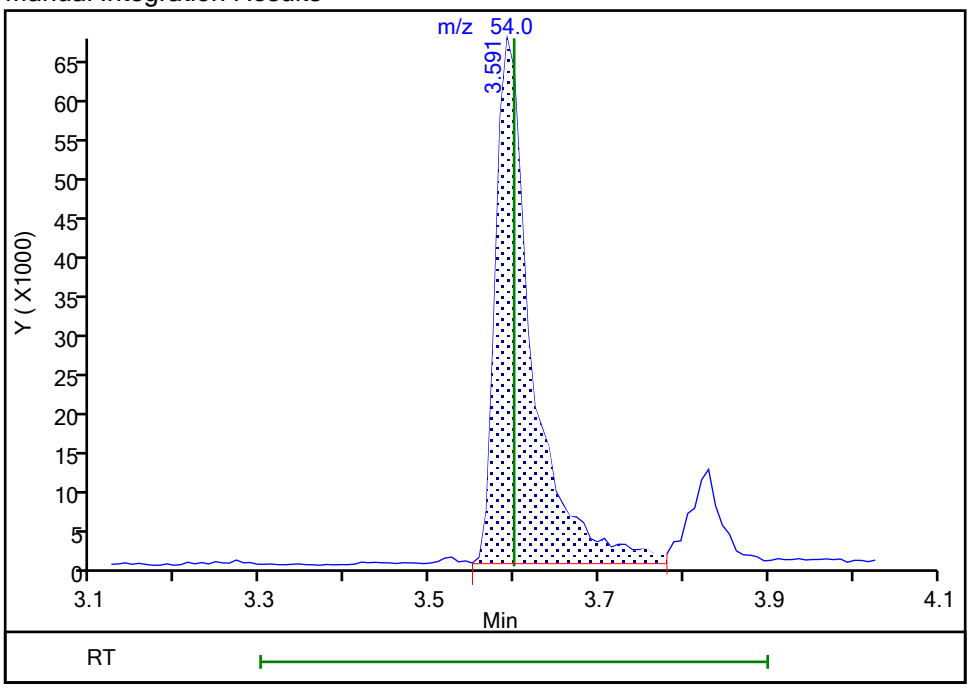
Processing Integration Results

RT: 3.42
Area: 1616
Amount: 2.312858
Amount Units: ug/l



Manual Integration Results

RT: 3.59
Area: 203863
Amount: 509.0341
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:01:00 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

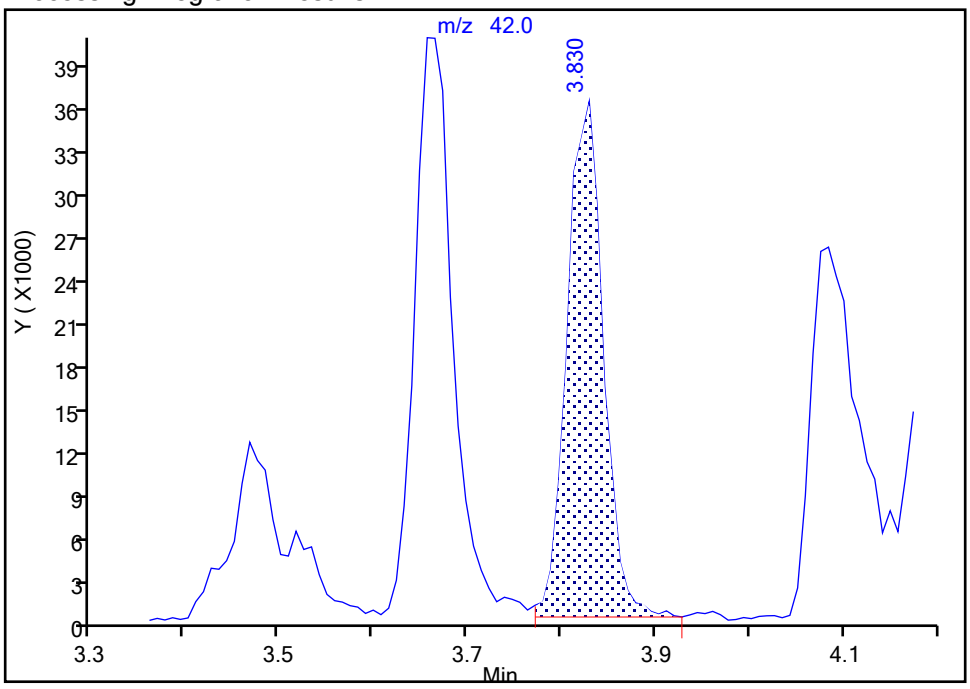
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

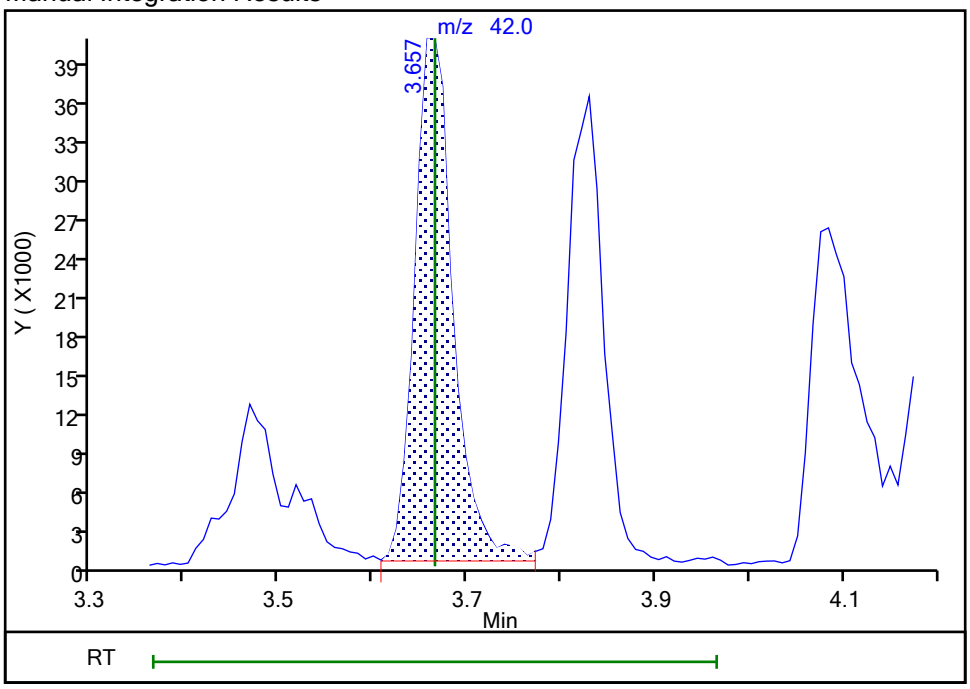
Processing Integration Results

RT: 3.83
Area: 95479
Amount: 85.342164
Amount Units: ug/l



Manual Integration Results

RT: 3.66
Area: 114615
Amount: 95.161814
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:28:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

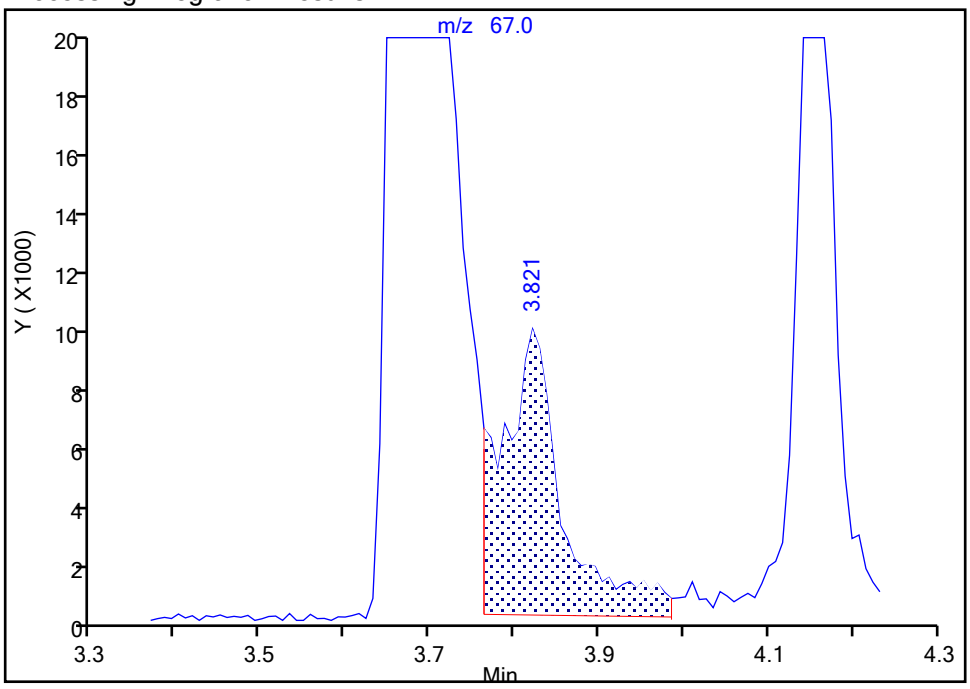
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methacrylonitrile, CAS: 126-98-7

Signal: 1

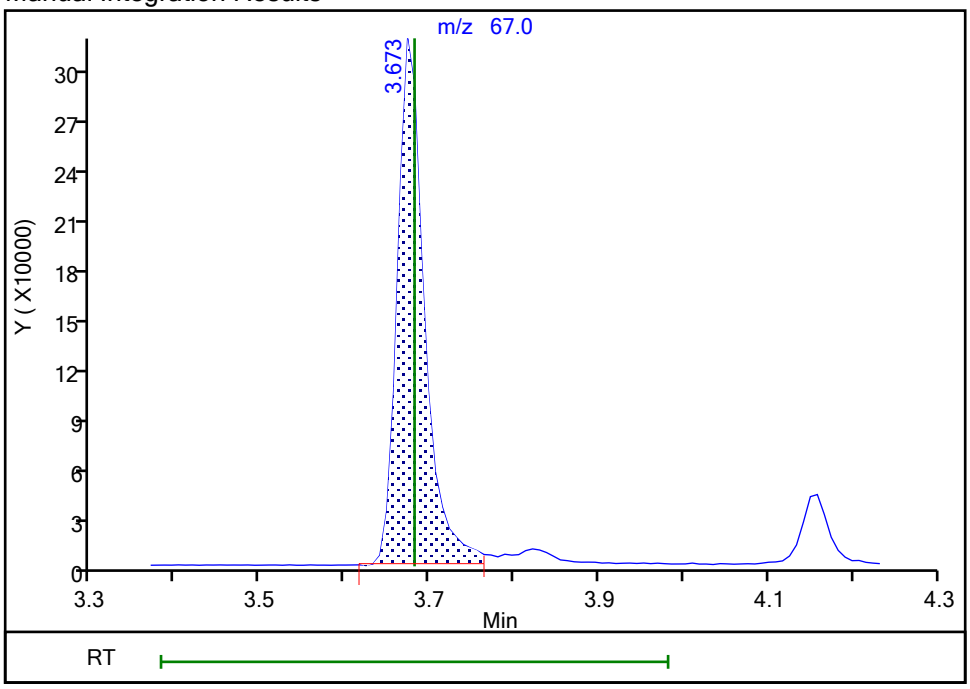
Processing Integration Results

RT: 3.82
Area: 48768
Amount: 47.907210
Amount Units: ug/l



Manual Integration Results

RT: 3.67
Area: 710600
Amount: 492.0329
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:01:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

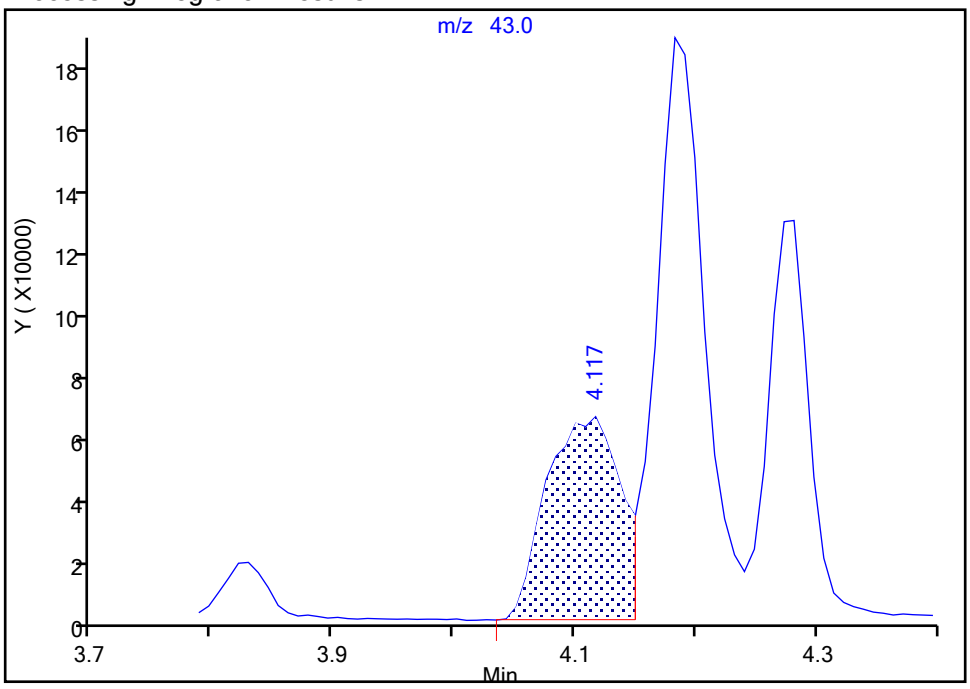
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

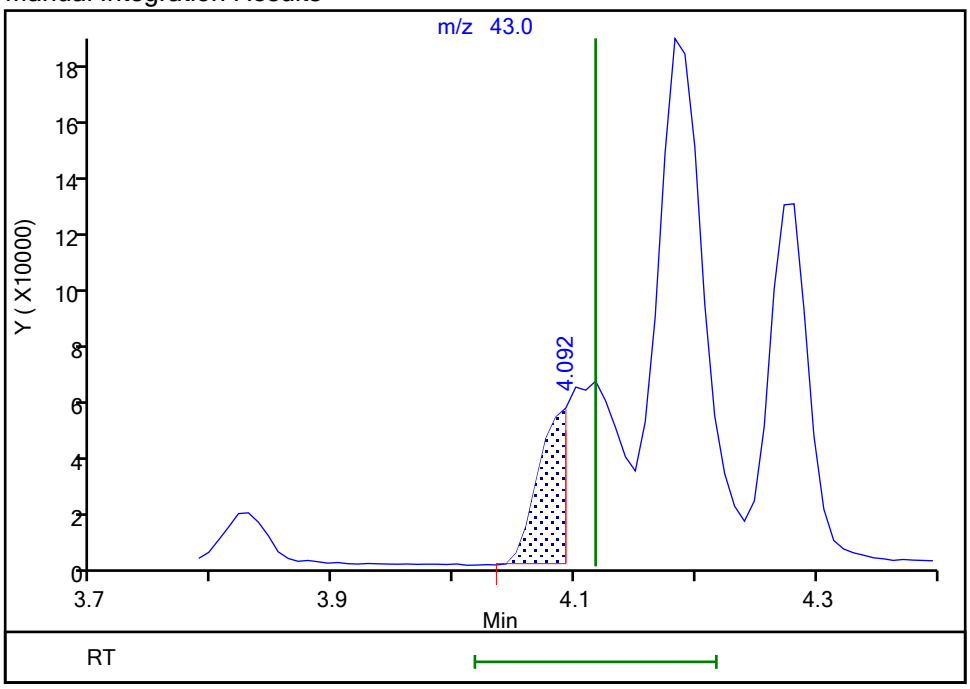
Processing Integration Results

RT: 4.12
Area: 270435
Amount: 1694.0209
Amount Units: ug/l



Manual Integration Results

RT: 4.09
Area: 95413
Amount: 843.3918
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:31:24 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

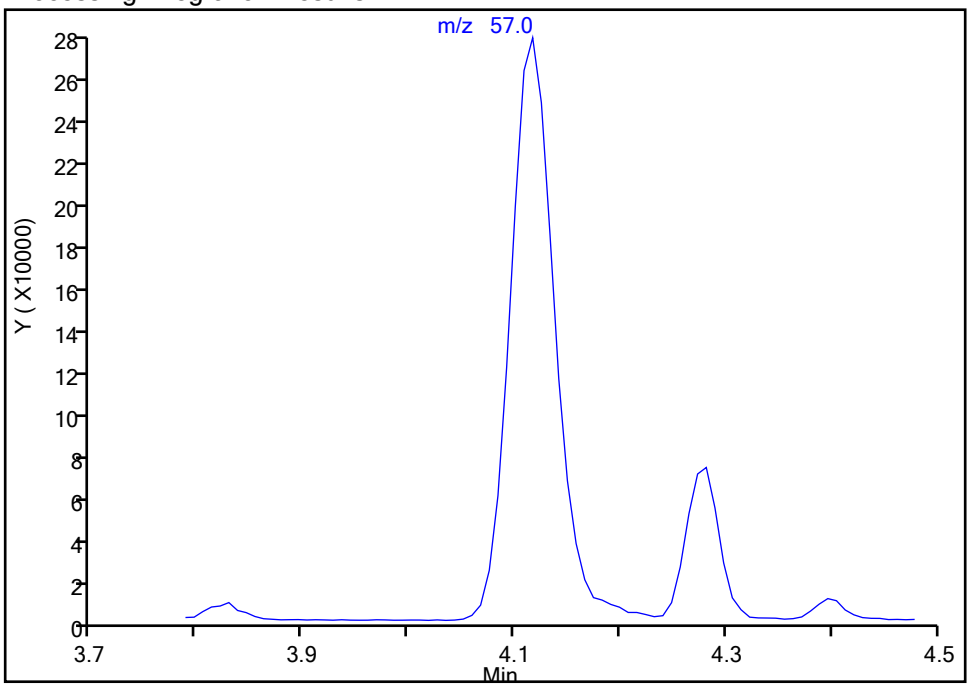
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Isooctane, CAS: 540-84-1

Signal: 1

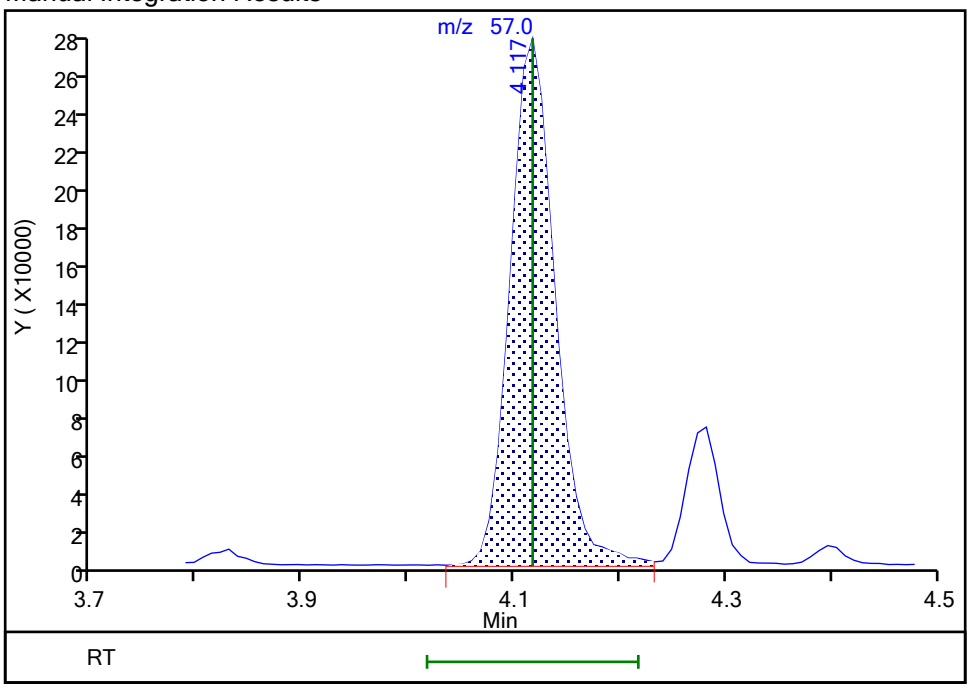
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.12
Area: 800669
Amount: 43.115833
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:01:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

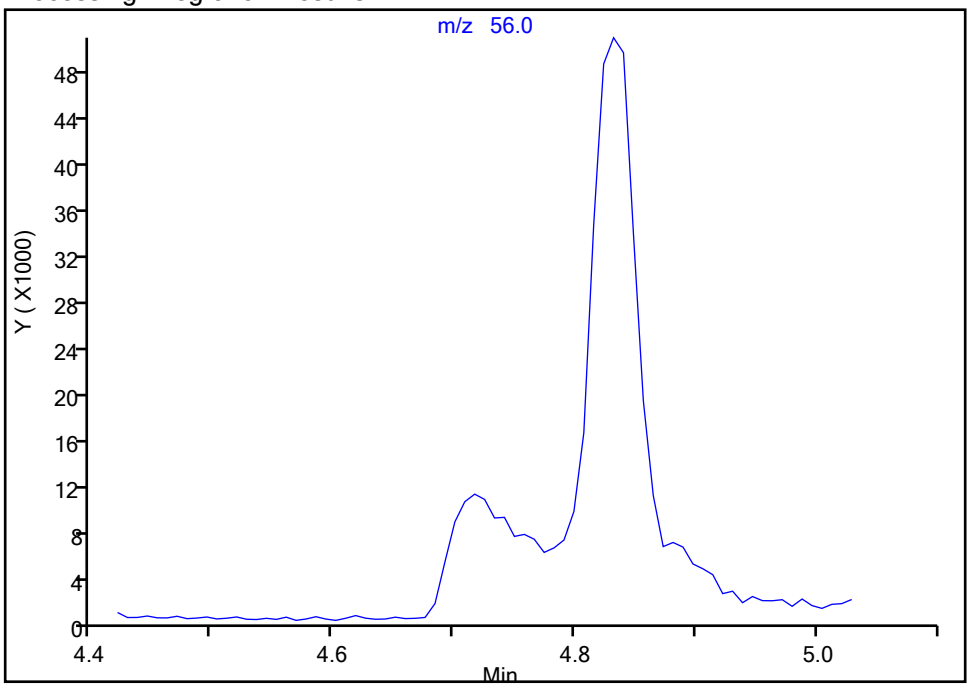
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 n-Butanol, CAS: 71-36-3

Signal: 1

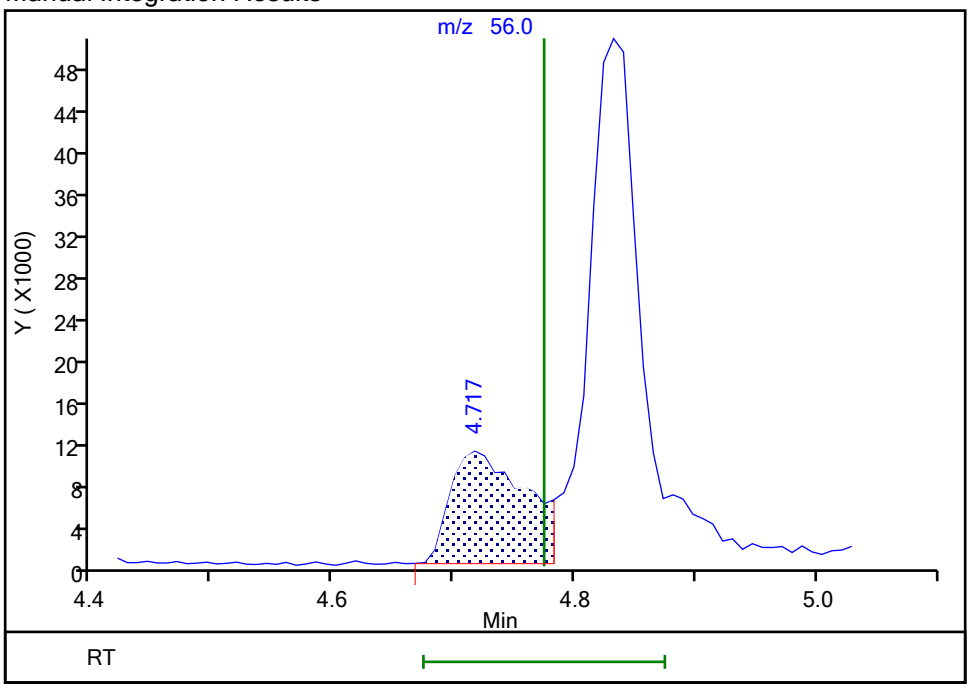
Not Detected
Expected RT: 4.77

Processing Integration Results



Manual Integration Results

RT: 4.72
Area: 47512
Amount: 845.4717
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:01:35 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

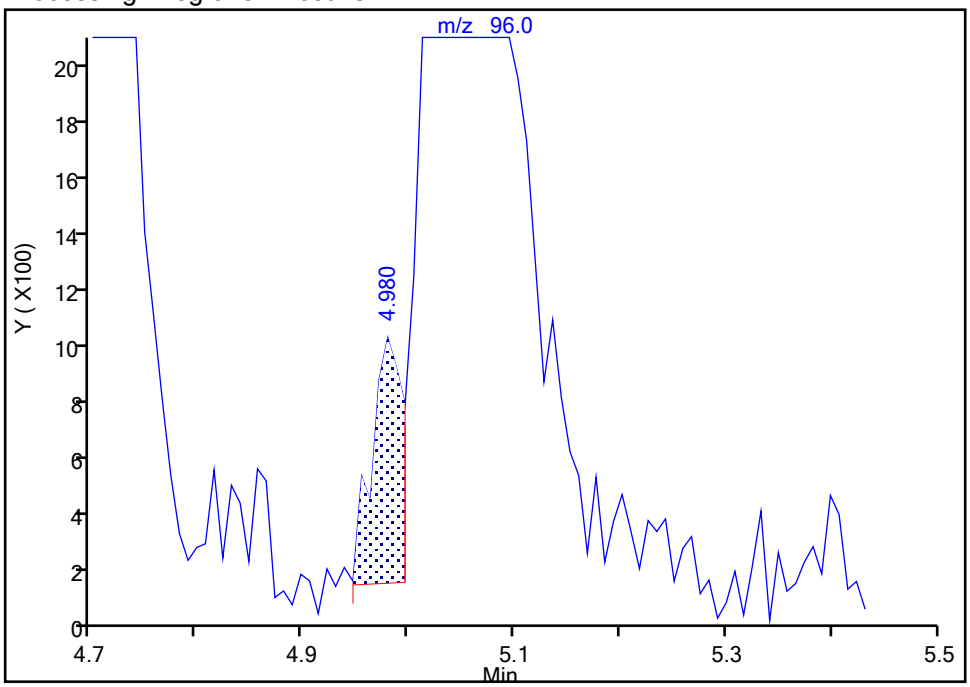
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

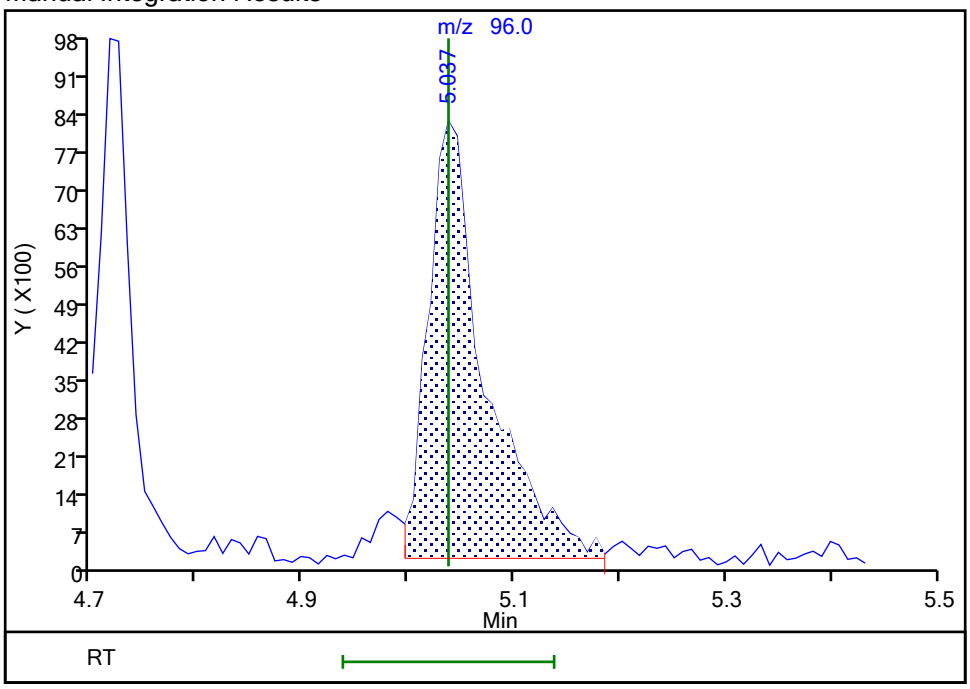
Processing Integration Results

RT: 4.98
Area: 1784
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.04
Area: 30476
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:35:17 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

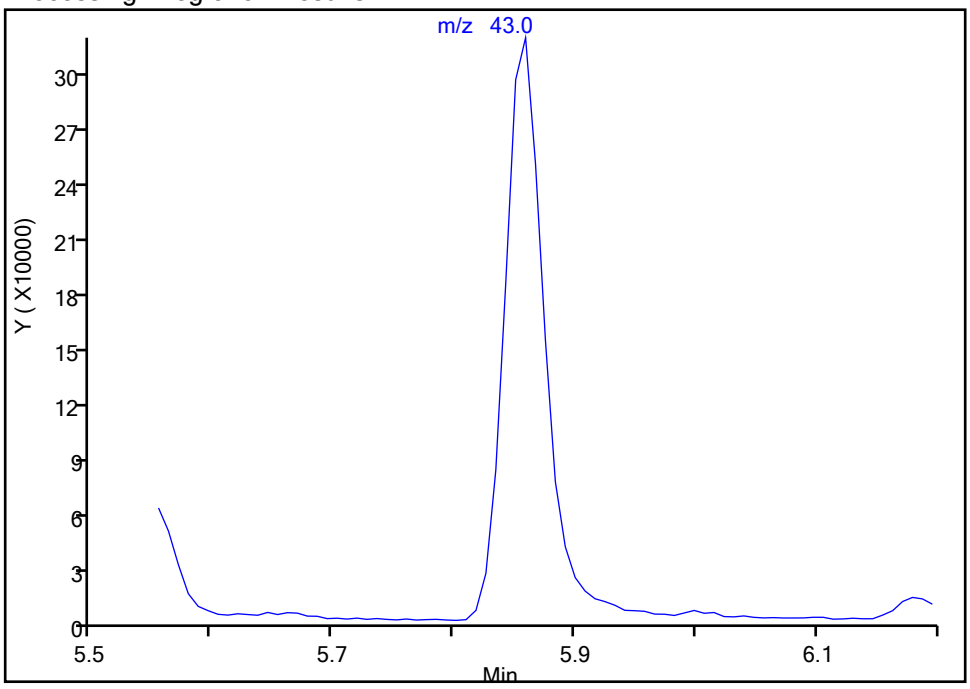
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

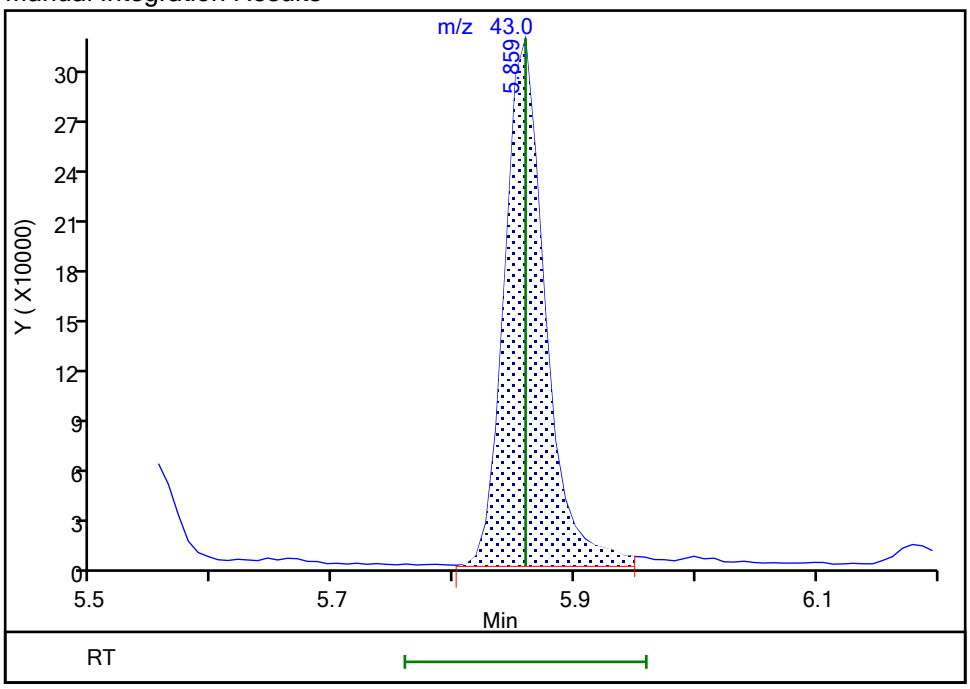
Not Detected
Expected RT: 5.86

Processing Integration Results



Manual Integration Results

RT: 5.86
Area: 742216
Amount: 250.4462
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:01:42 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

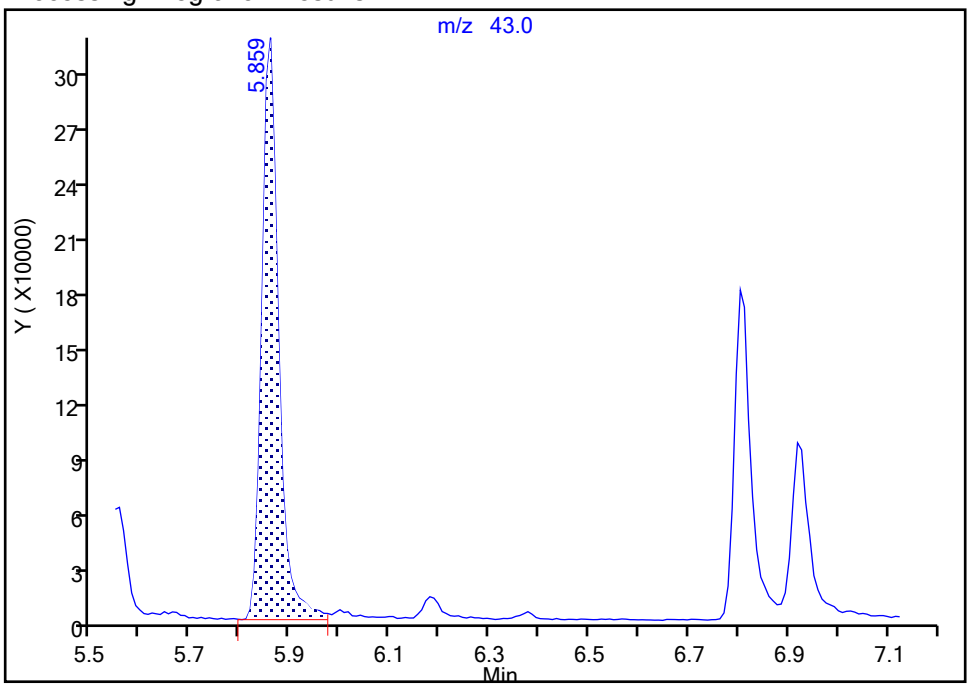
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Hexanone, CAS: 591-78-6

Signal: 1

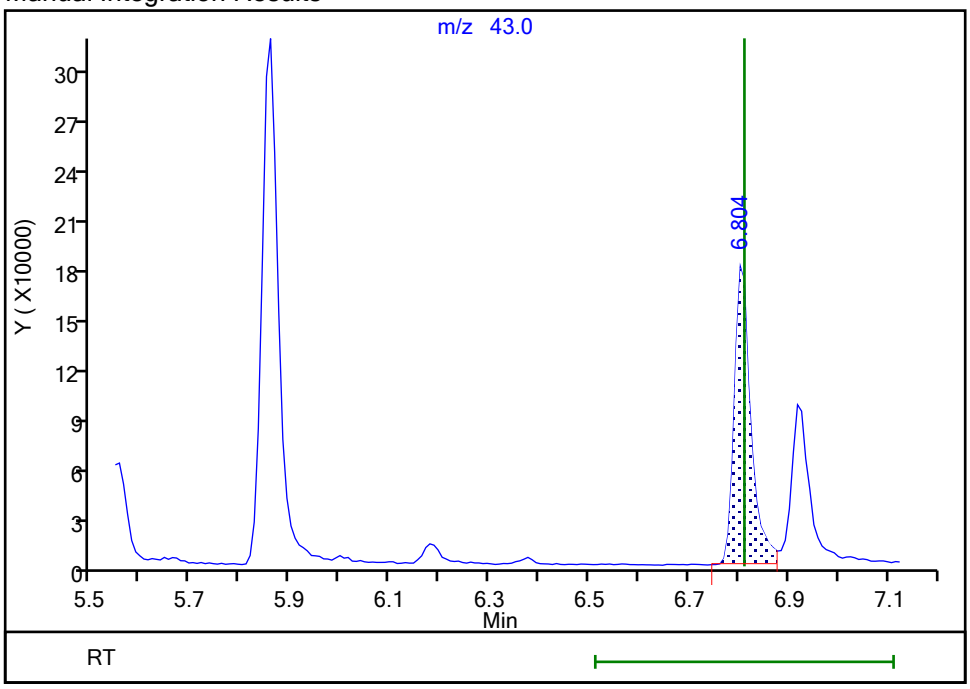
Processing Integration Results

RT: 5.86
Area: 745698
Amount: 199.5838
Amount Units: ug/l



Manual Integration Results

RT: 6.80
Area: 420798
Amount: 204.2401
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:28:38 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

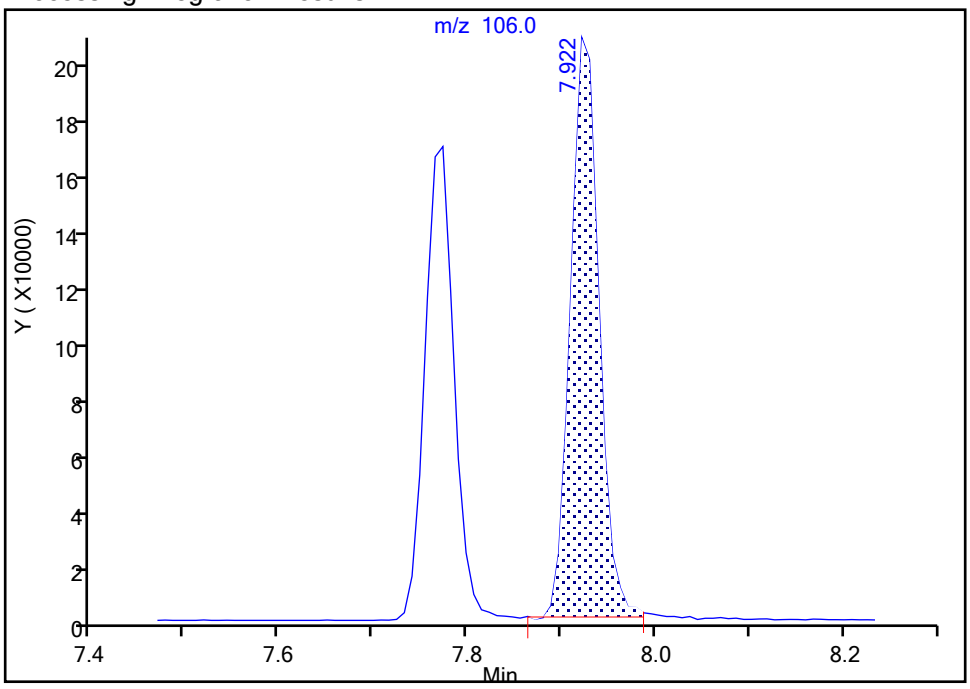
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

91 Ethylbenzene, CAS: 100-41-4

Signal: 1

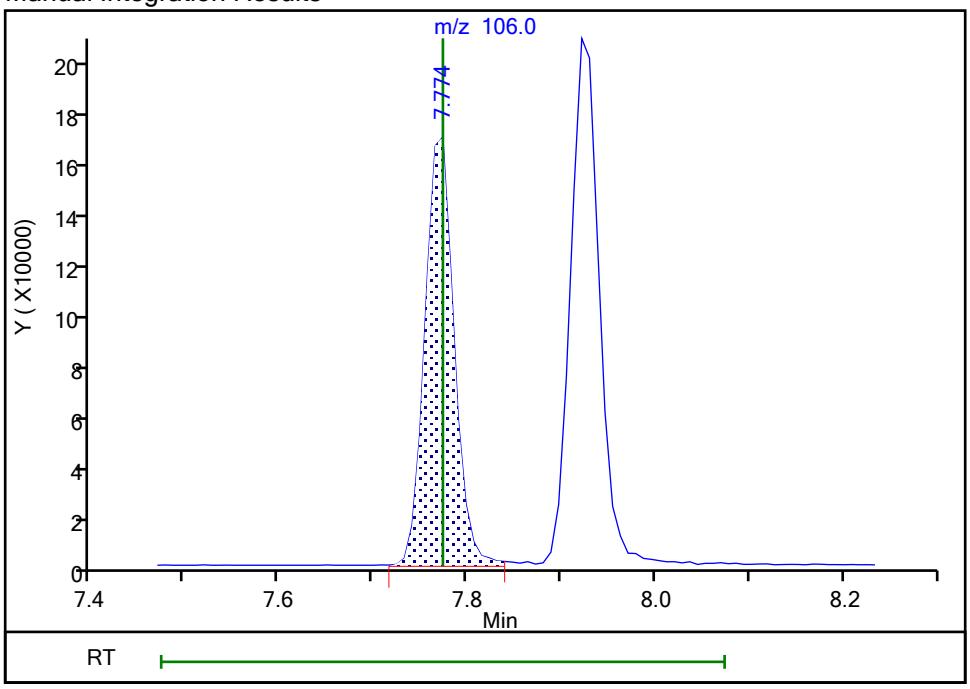
Processing Integration Results

RT: 7.92
Area: 435148
Amount: 55.198838
Amount Units: ug/l



Manual Integration Results

RT: 7.77
Area: 365882
Amount: 47.811177
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:02:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

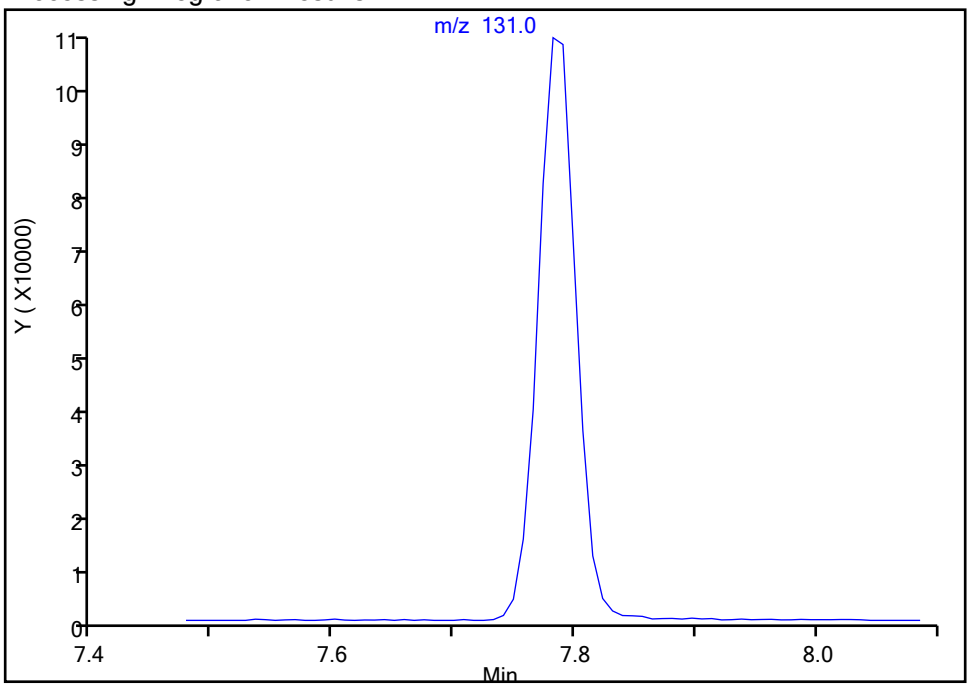
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

92 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

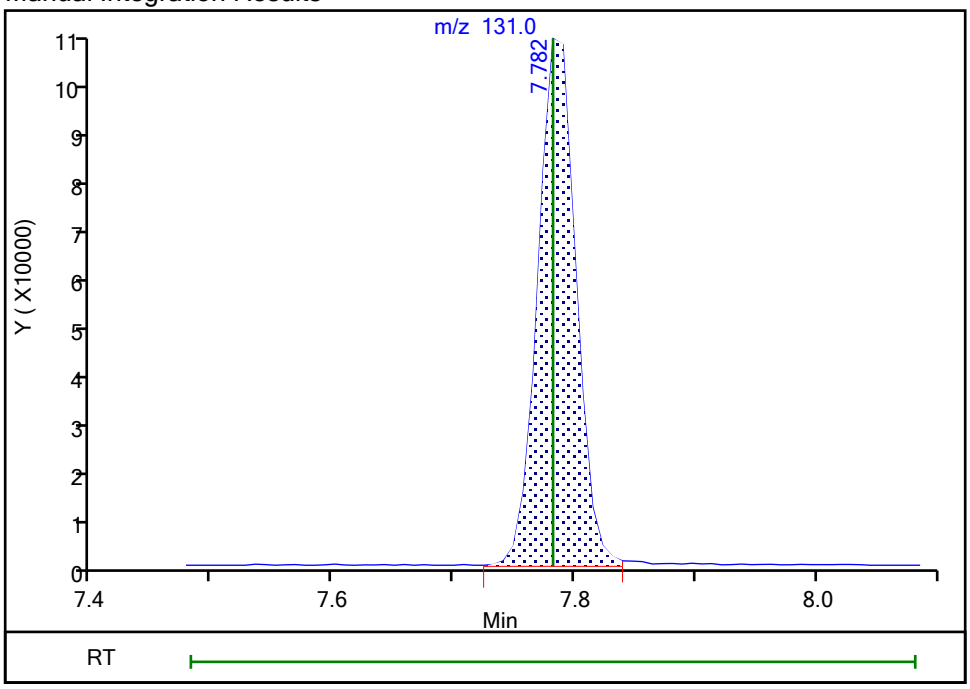
Not Detected
Expected RT: 7.78

Processing Integration Results



Manual Integration Results

RT: 7.78
Area: 238999
Amount: 46.293348
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:29:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

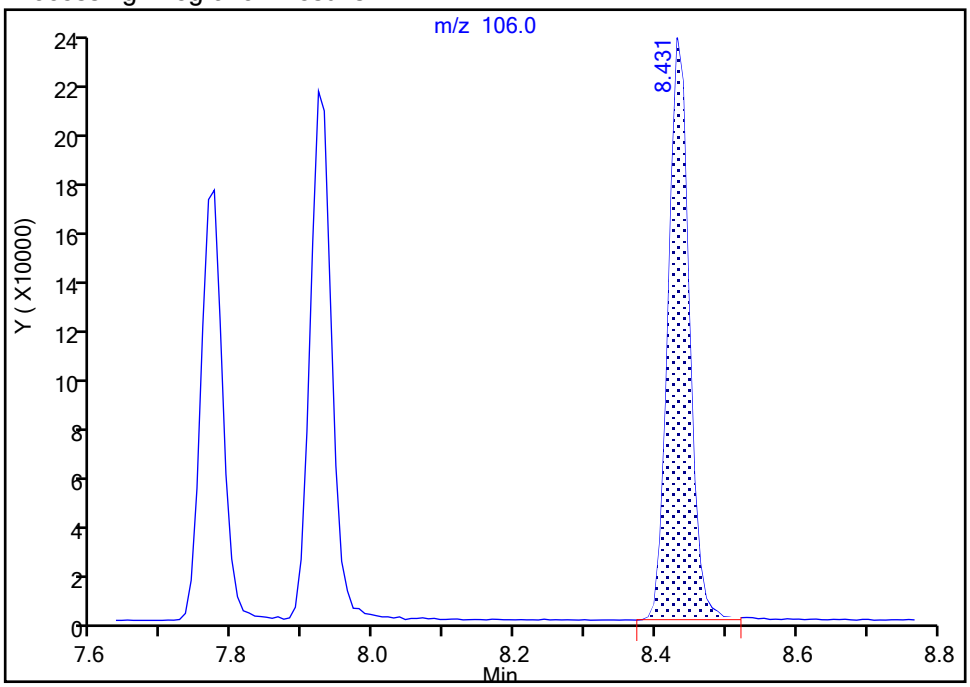
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

93 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

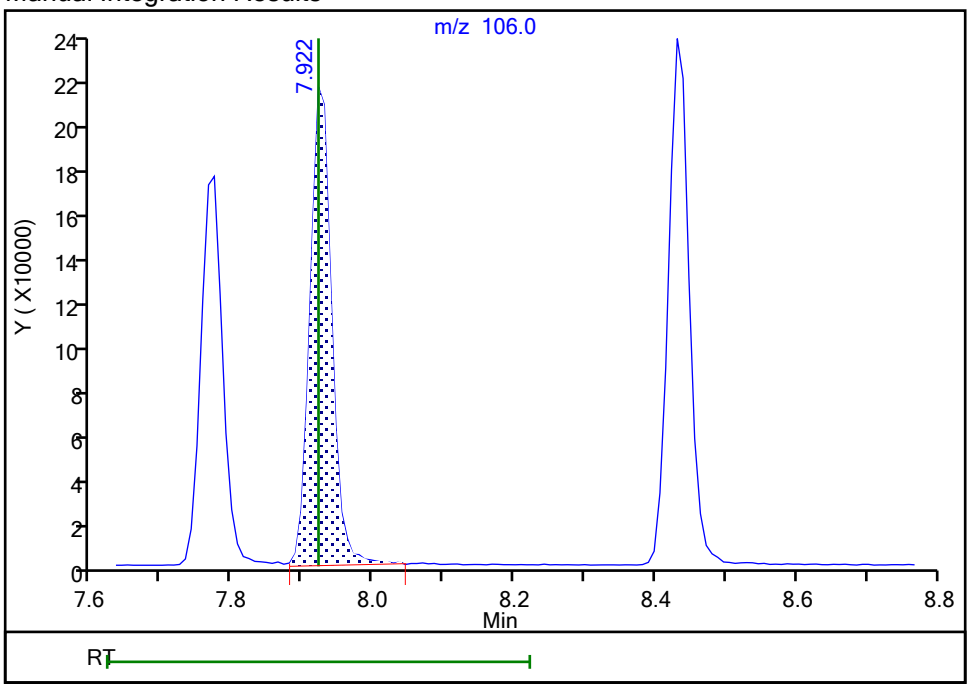
Processing Integration Results

RT: 8.43
Area: 476891
Amount: 51.386547
Amount Units: ug/l



Manual Integration Results

RT: 7.92
Area: 449104
Amount: 48.257727
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:02:30 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

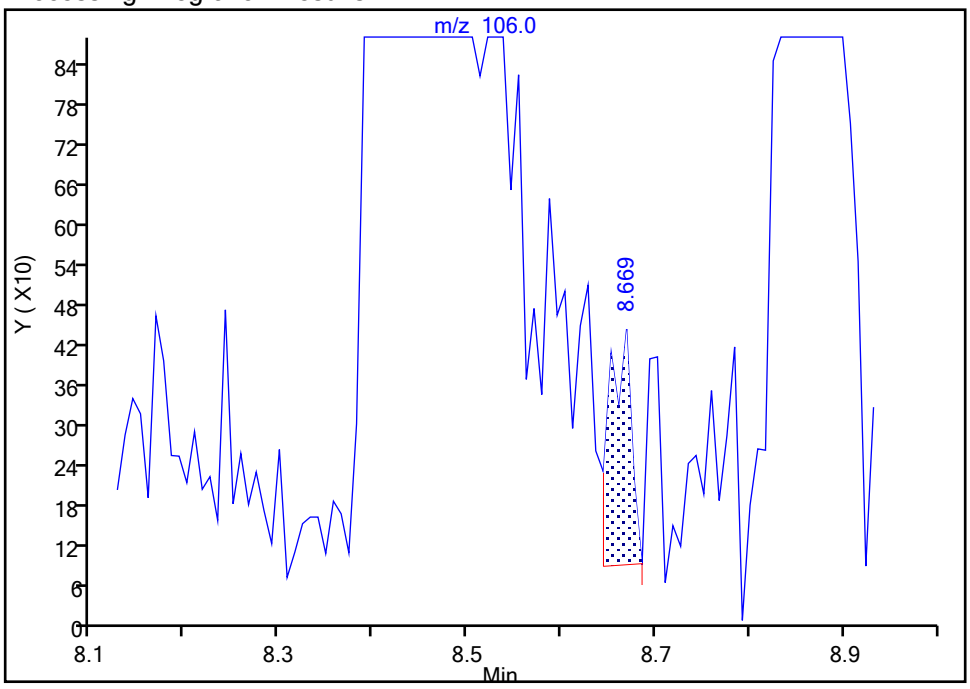
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

95 o-Xylene, CAS: 95-47-6

Signal: 1

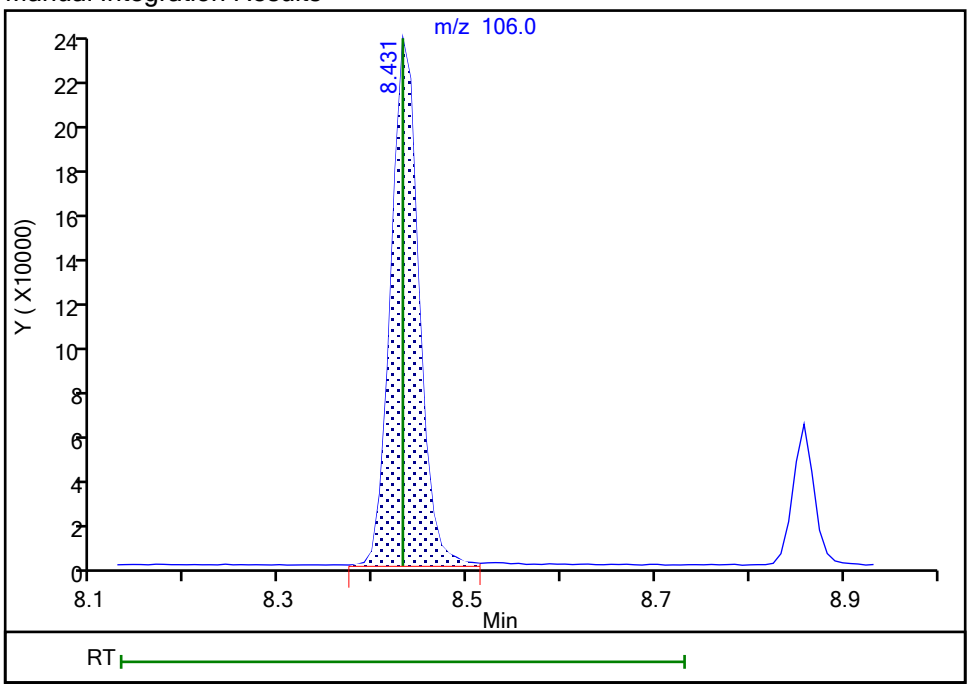
Processing Integration Results

RT: 8.67
Area: 587
Amount: 0.084024
Amount Units: ug/l



Manual Integration Results

RT: 8.43
Area: 475493
Amount: 49.220729
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:02:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

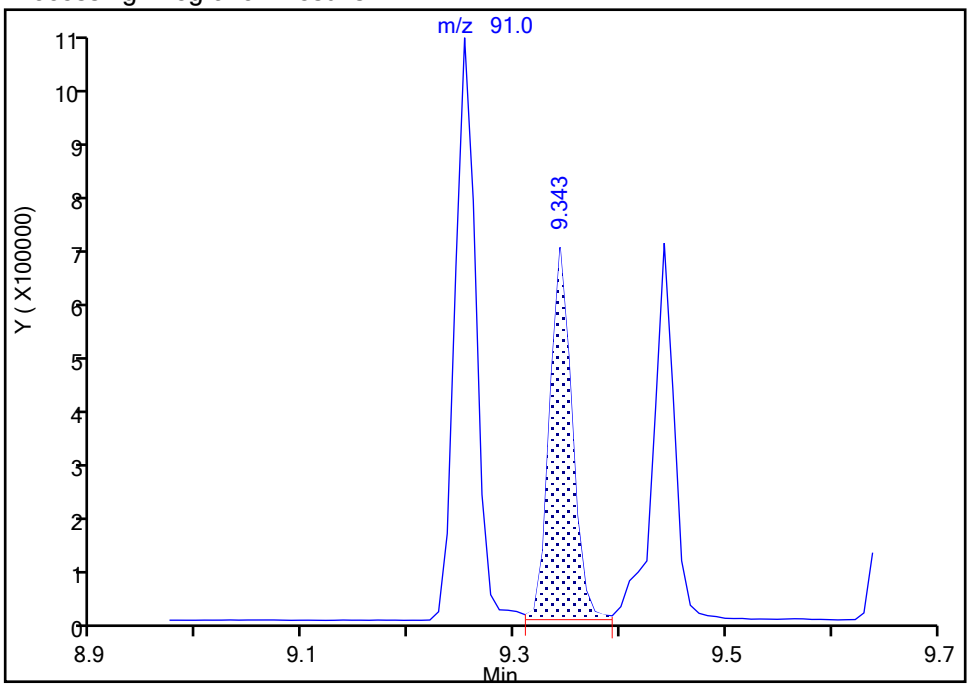
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Signal: 1

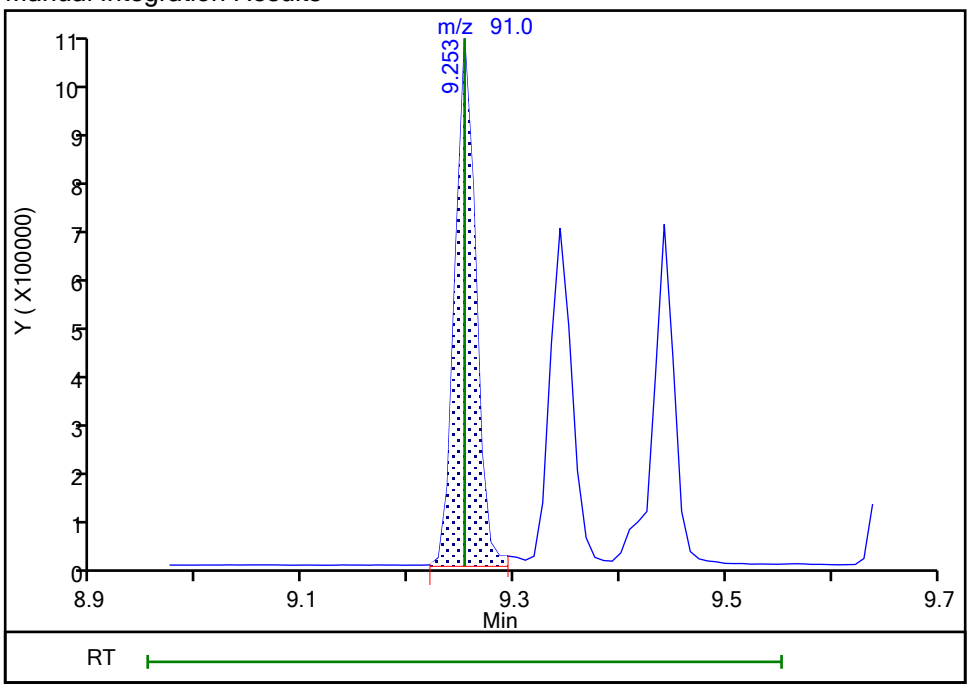
Processing Integration Results

RT: 9.34
Area: 957124
Amount: 45.071611
Amount Units: ug/l



Manual Integration Results

RT: 9.25
Area: 1386931
Amount: 50.234946
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:02:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

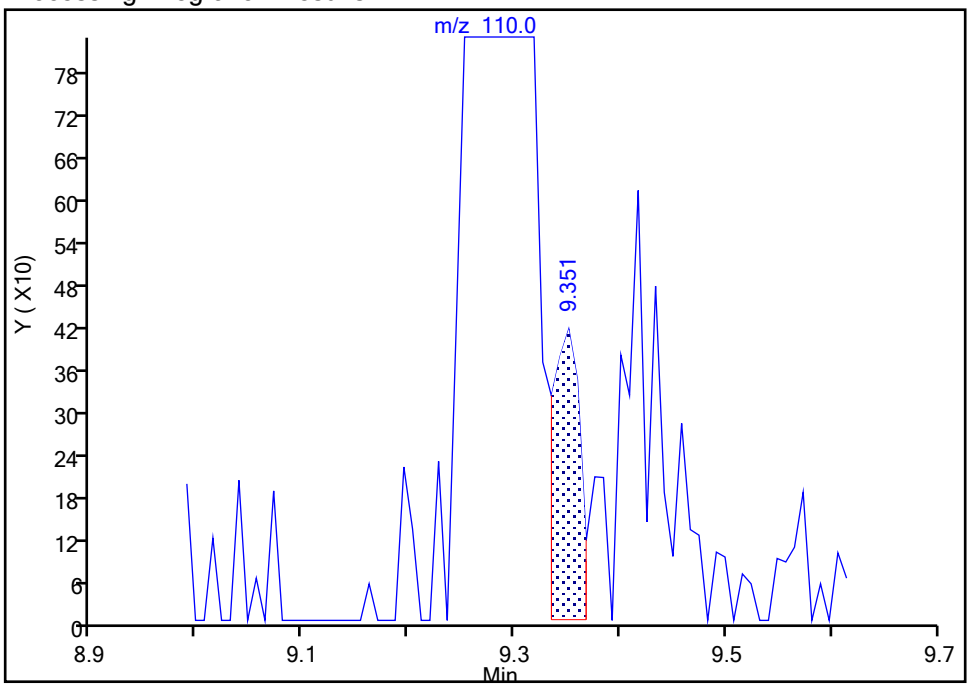
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

104 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

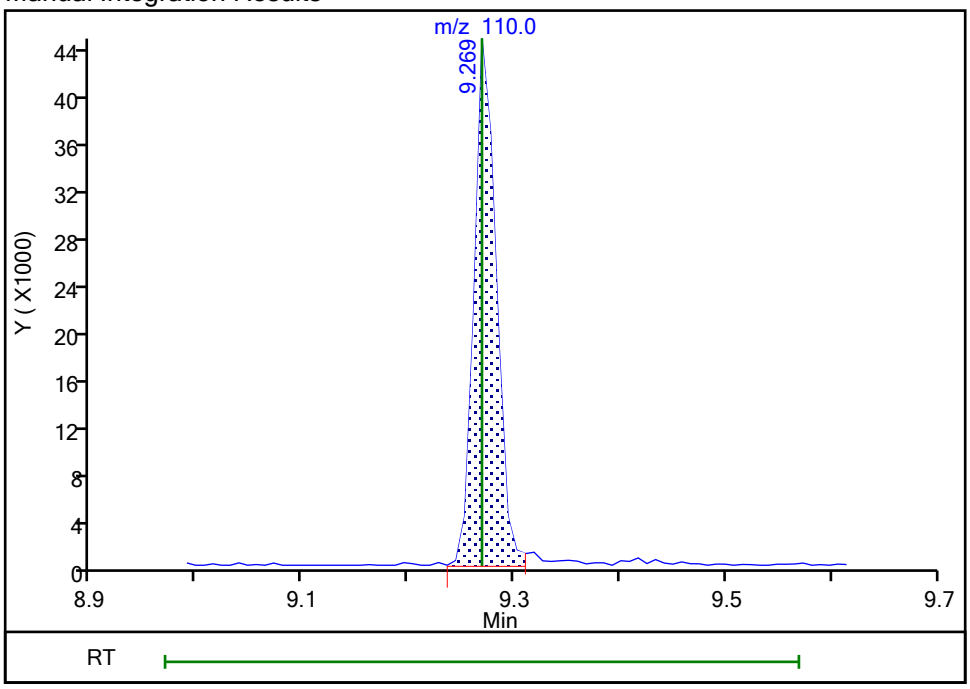
Processing Integration Results

RT: 9.35
Area: 771
Amount: 0.732701
Amount Units: ug/l



Manual Integration Results

RT: 9.27
Area: 63992
Amount: 46.542474
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:02:56 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

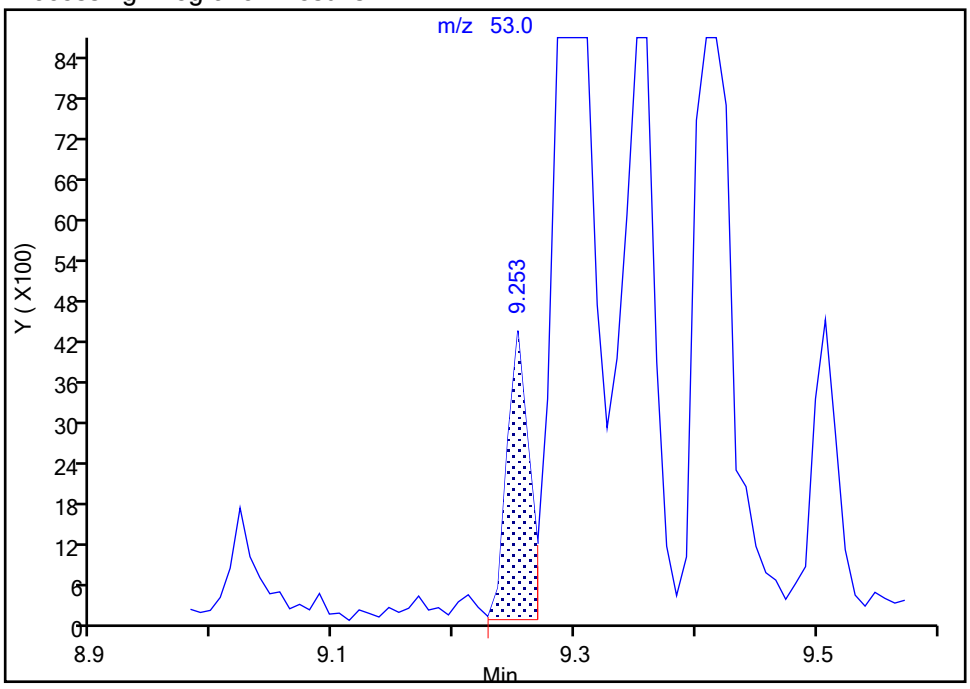
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

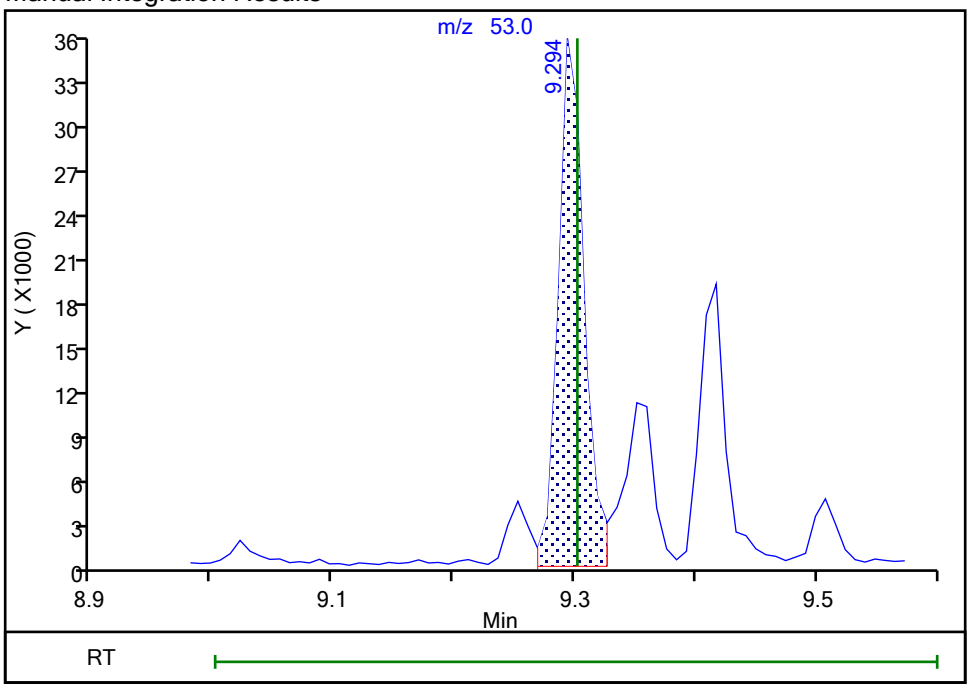
Processing Integration Results

RT: 9.25
Area: 5553
Amount: 7.440658
Amount Units: ug/l



Manual Integration Results

RT: 9.29
Area: 52648
Amount: 50.353784
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:03:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

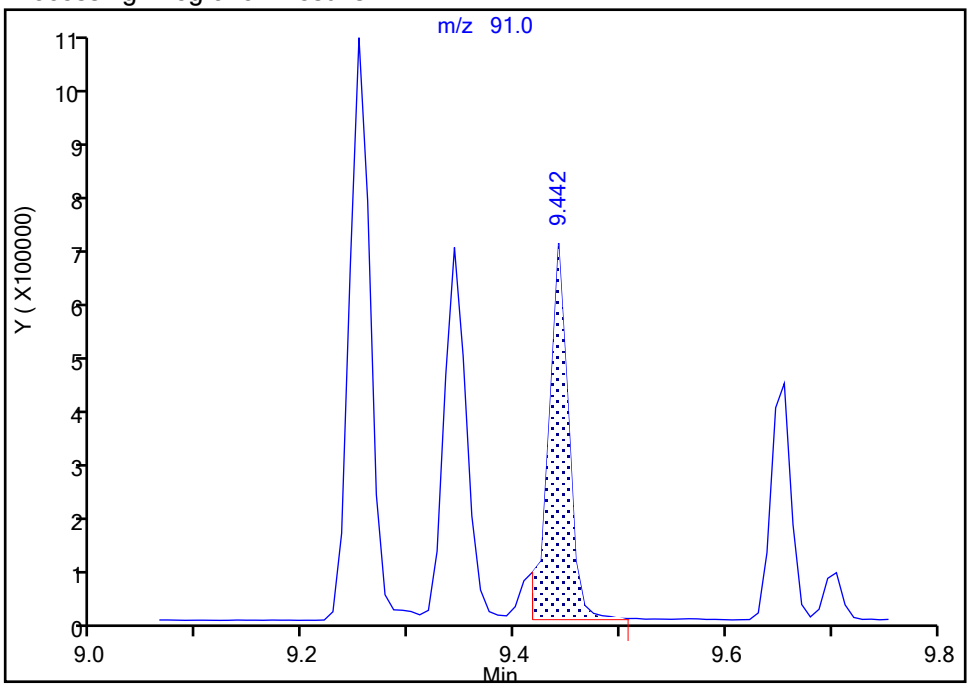
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

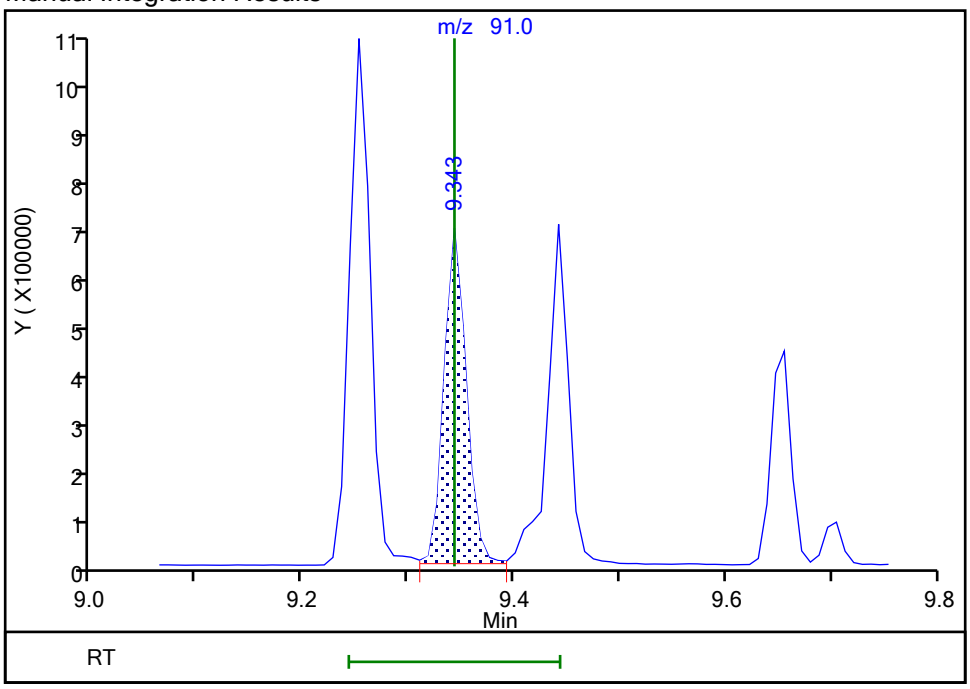
Processing Integration Results

RT: 9.44
Area: 868871
Amount: 45.317784
Amount Units: ug/l



Manual Integration Results

RT: 9.34
Area: 954847
Amount: 49.133771
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:03:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

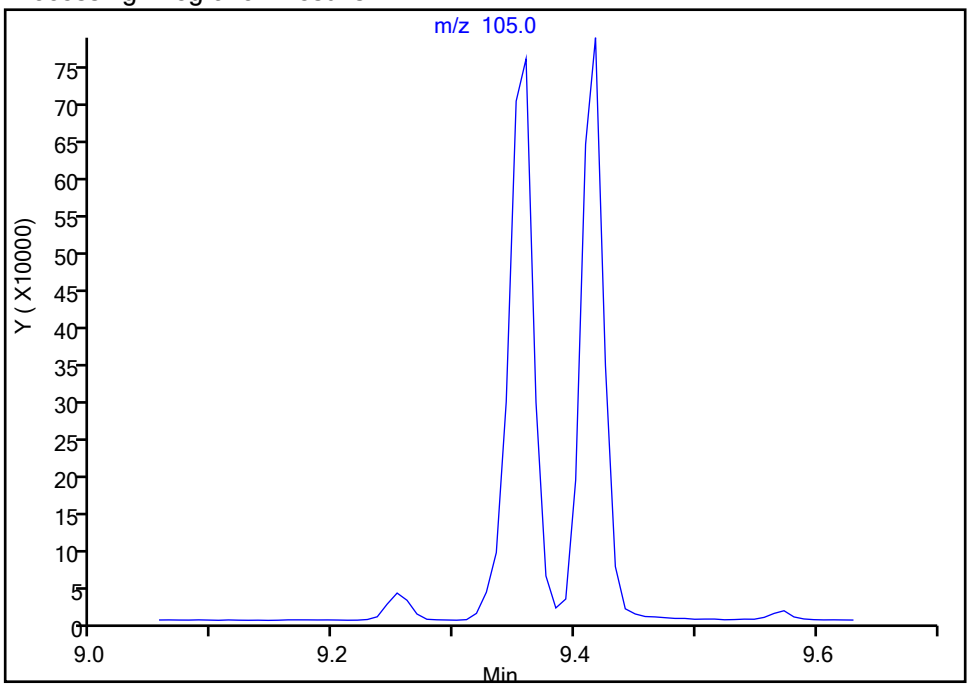
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

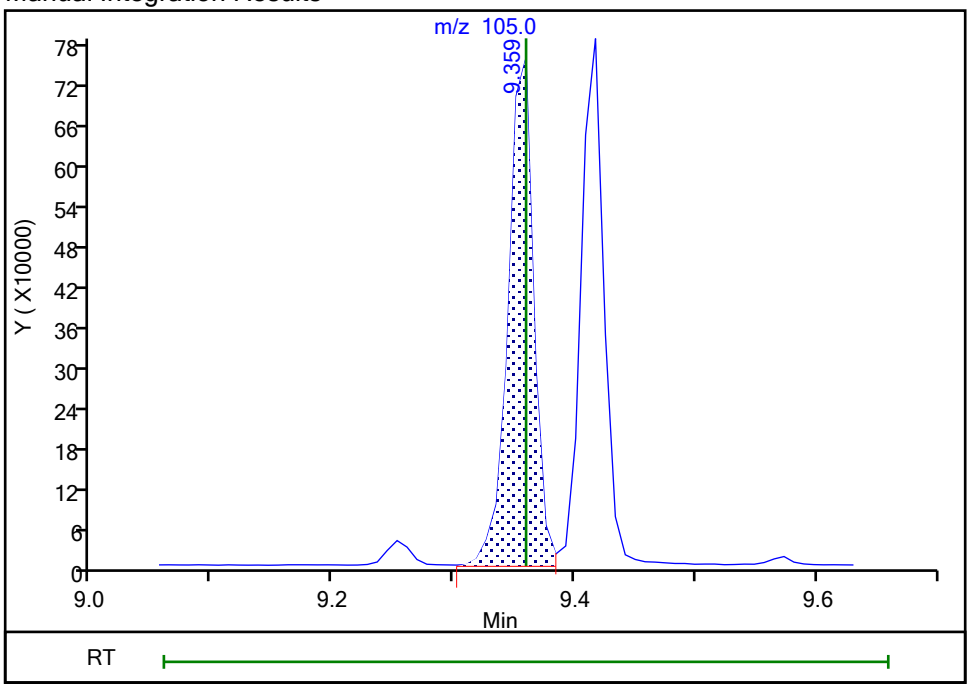
Not Detected
Expected RT: 9.36

Processing Integration Results



Manual Integration Results

RT: 9.36
Area: 1116297
Amount: 50.239449
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:03:14 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

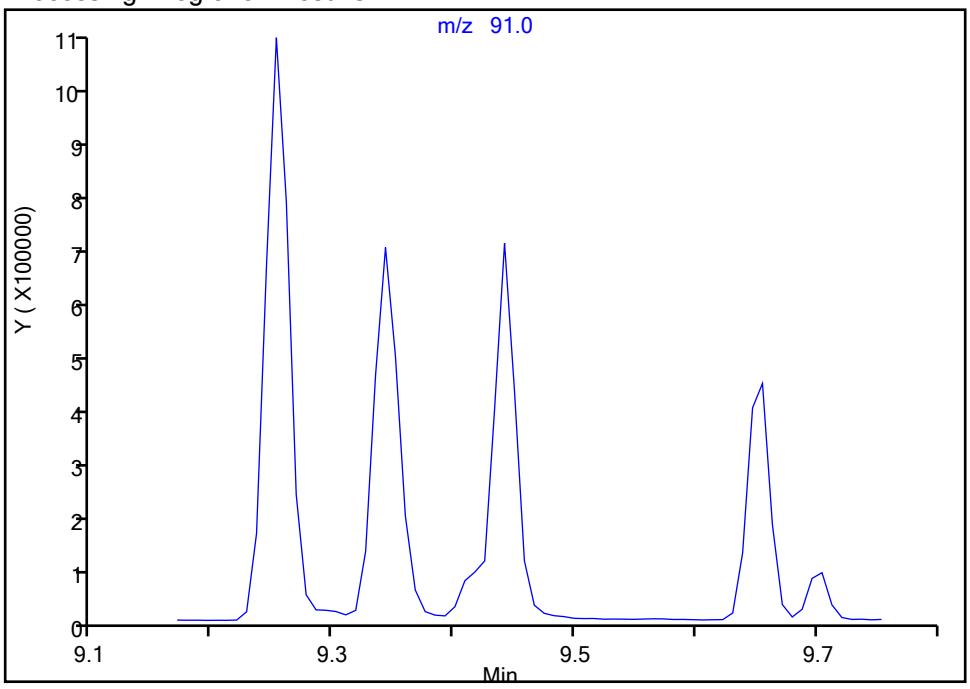
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

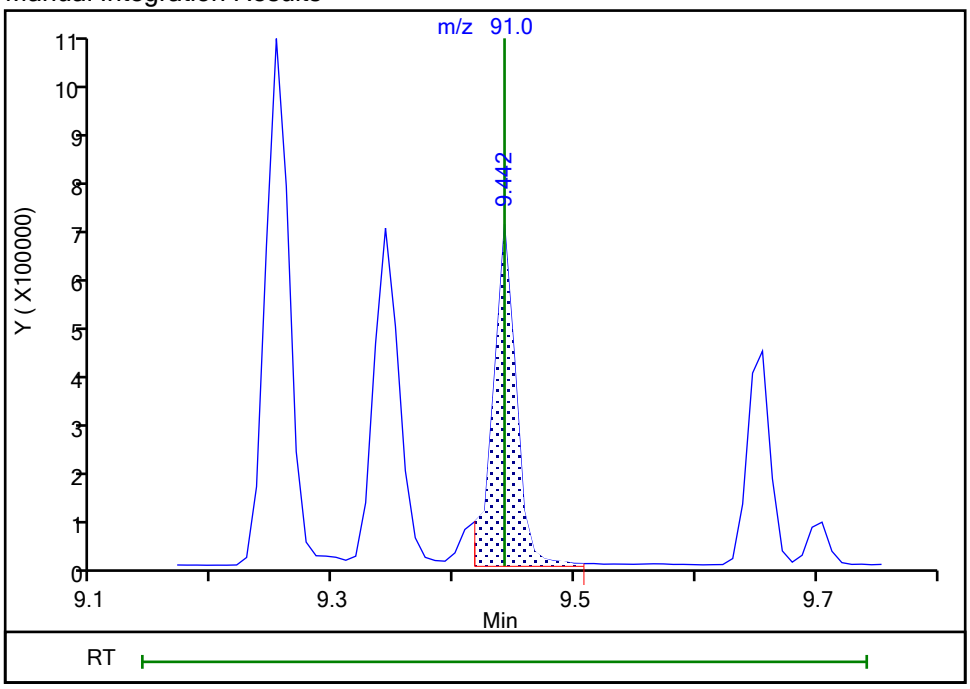
Not Detected
Expected RT: 9.44

Processing Integration Results



Manual Integration Results

RT: 9.44
Area: 871536
Amount: 48.796123
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:03:23 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

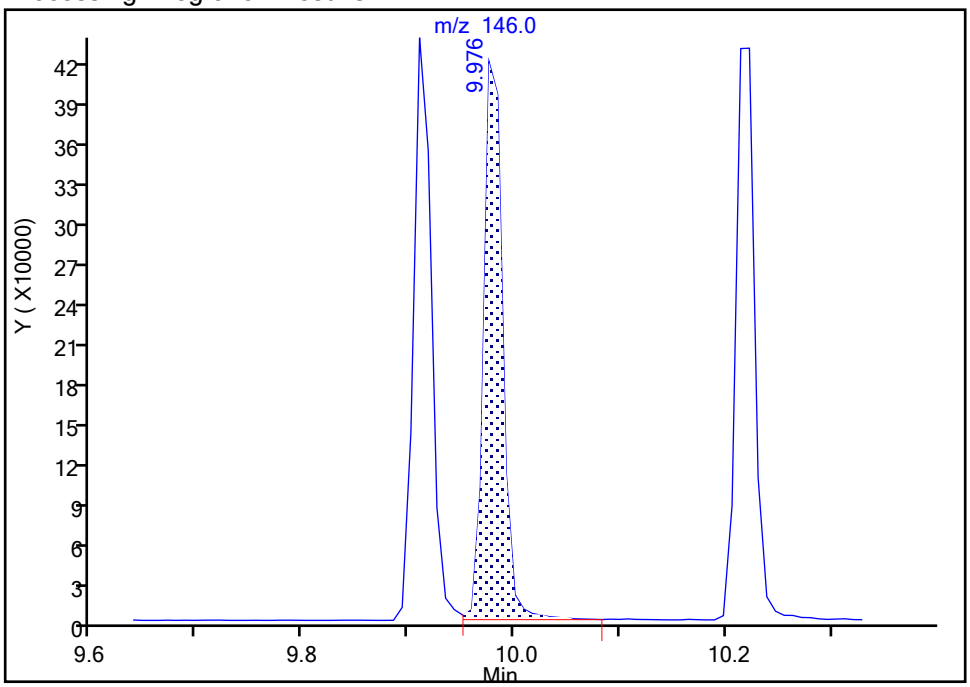
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

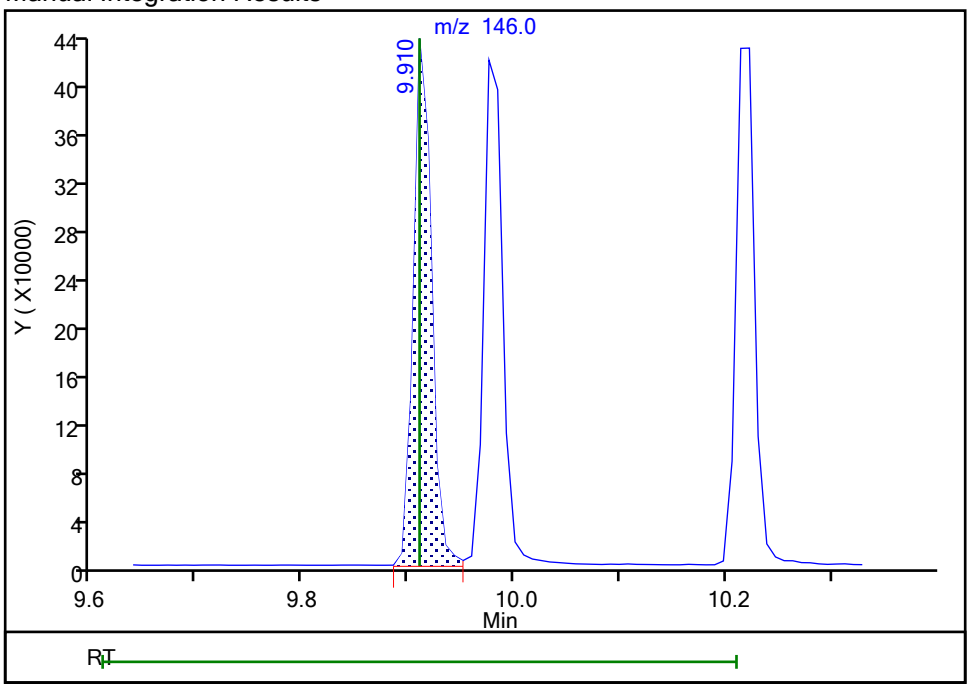
Processing Integration Results

RT: 9.98
Area: 529028
Amount: 49.048468
Amount Units: ug/l



Manual Integration Results

RT: 9.91
Area: 514977
Amount: 47.555257
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:03:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

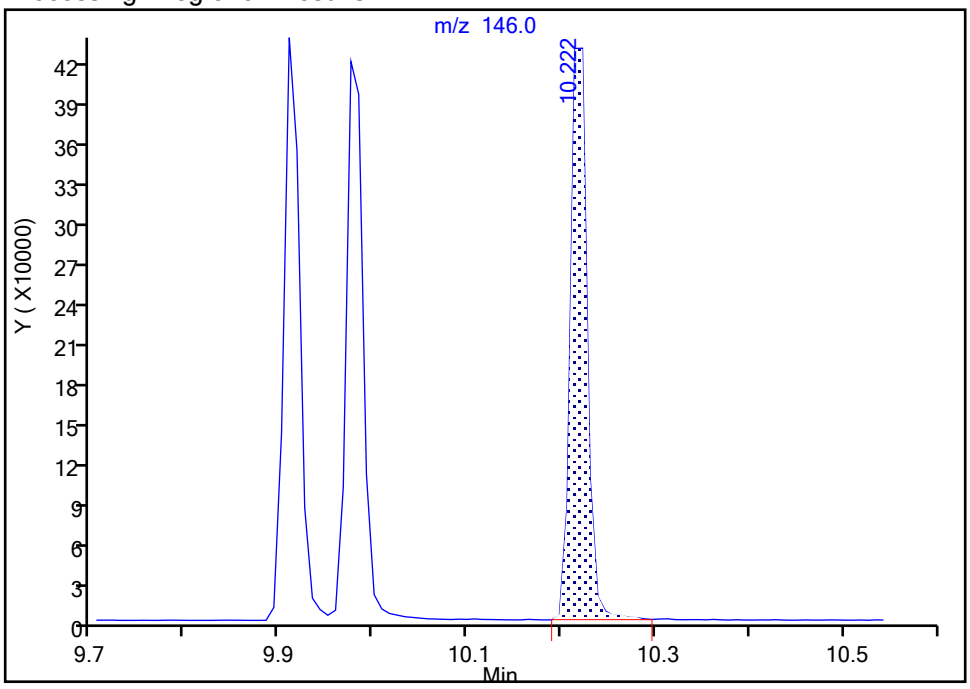
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

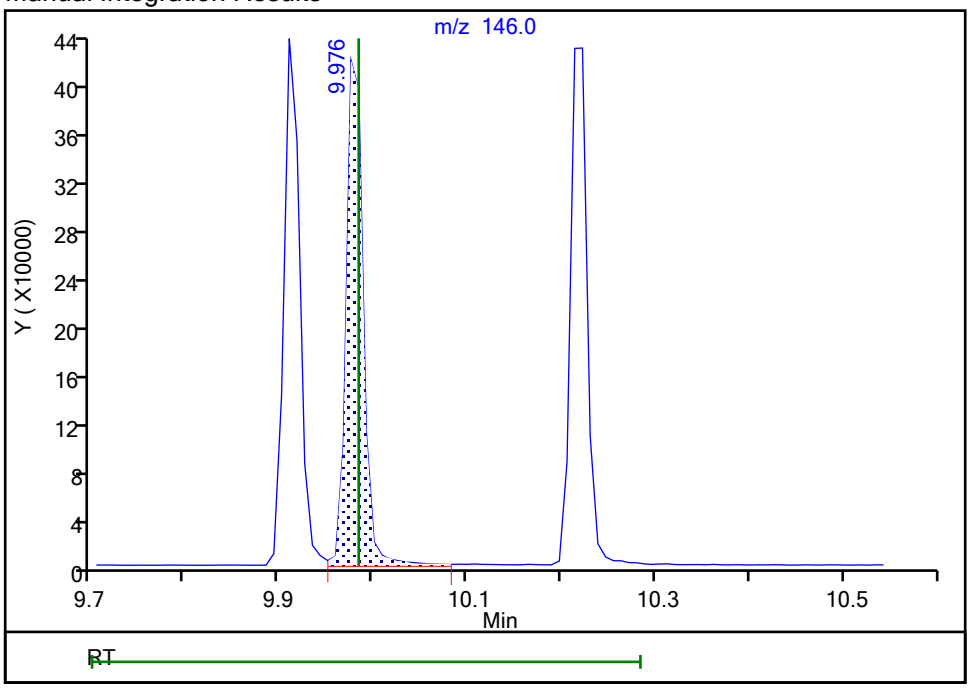
Processing Integration Results

RT: 10.22
Area: 534714
Amount: 47.937685
Amount Units: ug/l



Manual Integration Results

RT: 9.98
Area: 529028
Amount: 47.145034
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:03:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

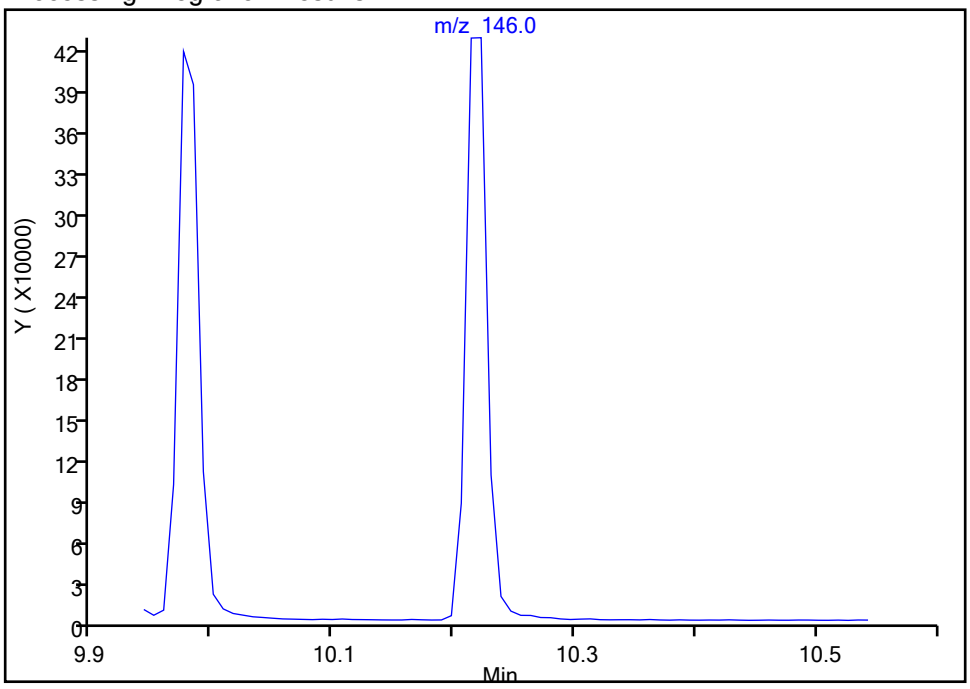
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59228.D
Injection Date: 21-Jan-2026 02:05:30 Instrument ID: CVOAMS6
Lims ID: STD050
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

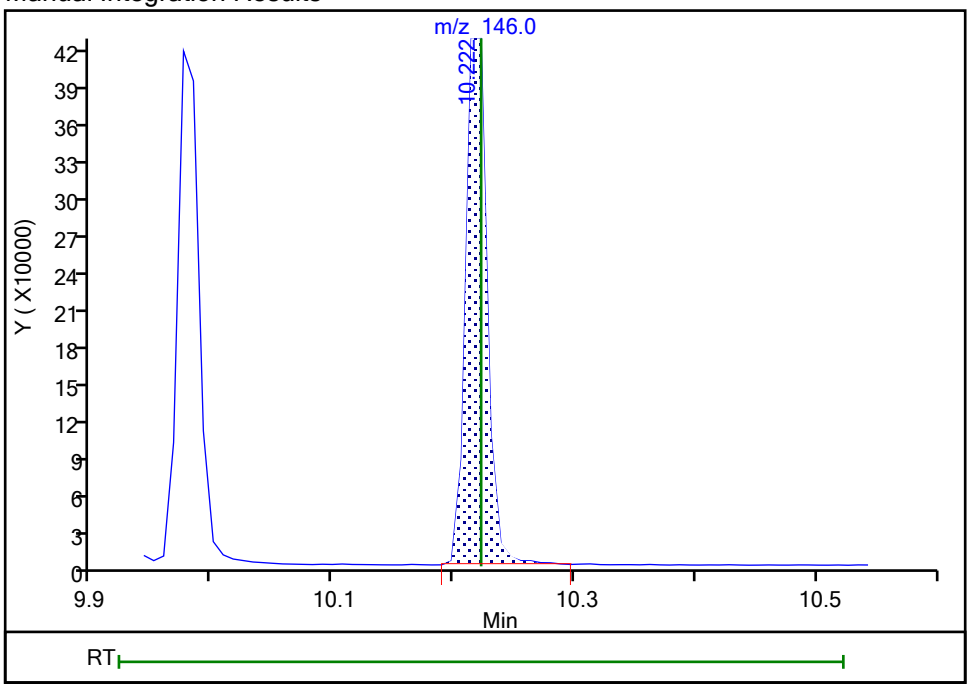
Not Detected
Expected RT: 10.22

Processing Integration Results



Manual Integration Results

RT: 10.22
Area: 532001
Amount: 48.166878
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:03:55 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 21-Jan-2026 02:25:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0201827-010
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Jan-2026 11:05:29 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: HVW2 Date: 21-Jan-2026 20:14:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.200	1.208	-0.008	96	1225004	200.0	200.1	
2 Chloromethane	50	1.340	1.356	-0.016	98	1422996	200.0	189.9	
4 Butadiene	54	1.405	1.414	-0.009	93	1146218	200.0	197.8	
3 Vinyl chloride	62	1.414	1.430	-0.016	98	1516490	200.0	196.6	
5 Bromomethane	94	1.627	1.636	-0.009	99	1214591	200.0	205.4	
6 Chloroethane	64	1.685	1.693	-0.008	98	782014	200.0	195.7	
7 Dichlorofluoromethane	67	1.816	1.833	-0.017	99	2334337	200.0	206.1	
9 Pentane	72	1.841	1.857	-0.016	96	255158	400.0	374.1	
8 Trichlorofluoromethane	101	1.849	1.866	-0.017	97	1487493	200.0	204.4	
10 Ethanol	46	1.981	1.997	-0.016	66	147310	8000.0	8796.0	
11 Ethyl ether	59	1.989	2.005	-0.016	93	665612	200.0	206.2	
12 2-Methyl-1,3-butadiene	53	2.014	2.022	-0.008	94	647922	200.0	197.4	
13 1,2-Dichloro-1,1,2-trifluoroetha	117	2.046	2.055	-0.009	91	959321	200.0	206.3	
14 1,1,1-Trifluoro-2,2-dichloroetha	83	2.087	2.088	-0.001	94	1697960	200.0	206.9	
16 Acrolein	56	2.137	2.145	-0.008	95	114223	200.0	233.1	
15 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.145	2.161	-0.016	91	1121087	200.0	214.7	a
17 1,1-Dichloroethene	96	2.170	2.178	-0.008	95	1015501	200.0	207.1	
18 Acetone	43	2.227	2.244	-0.017	89	1004056	1000.0	1215.0	
20 Iodomethane	142	2.293	2.301	-0.008	97	1798790	200.0	205.1	
19 Isopropyl alcohol	45	2.301	2.309	-0.008	50	395603	2000.0	2168.3	
21 Carbon disulfide	76	2.326	2.334	-0.008	98	3977995	200.0	205.9	a
23 3-Chloro-1-propene	39	2.424	2.433	-0.009	94	1438629	200.0	206.2	
22 Methyl acetate	43	2.424	2.433	-0.009	98	876235	400.0	439.9	
24 Cyclopentene	67	2.441	2.449	-0.008	95	2362475	200.0	197.2	
32 Acetonitrile	41	2.474	2.498	-0.024	98	1038900	2000.0	2465.1	a
* 25 TBA-d9 (IS)	65	2.523	2.523	0.000	22	246552	1000.0	1000.0	
26 Methylene Chloride	84	2.523	2.539	-0.016	87	1159522	200.0	203.8	
27 2-Methyl-2-propanol	59	2.572	2.581	-0.009	93	626854	2000.0	2053.4	a
28 Methyl tert-butyl ether	73	2.654	2.663	-0.009	98	2884199	200.0	221.0	
29 trans-1,2-Dichloroethene	96	2.679	2.696	-0.017	94	1060212	200.0	205.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	2.737	2.753	-0.016	96	2501471	2000.0	2302.3	
31 Hexane	43	2.811	2.819	-0.008	90	803213	200.0	207.7	
33 Isopropyl ether	45	2.983	2.991	-0.008	97	3248057	200.0	214.1	
35 1,1-Dichloroethane	63	3.016	3.024	-0.008	99	1790471	200.0	208.4	
34 Vinyl acetate	86	3.024	3.032	-0.008	100	346484	400.0	490.0	M
36 2-Chloro-1,3-butadiene	88	3.057	3.065	-0.008	88	939101	200.0	207.7	
37 Tert-butyl ethyl ether	59	3.254	3.254	0.000	90	3058558	200.0	213.8	
* 38 2-Butanone-d5	46	3.427	3.435	-0.008	90	249157	250.0	250.0	a
39 2,2-Dichloropropane	97	3.451	3.443	0.008	93	431533	200.0	210.7	
41 cis-1,2-Dichloroethene	96	3.460	3.468	-0.008	98	1212646	200.0	205.1	
40 Ethyl acetate	70	3.476	3.484	-0.008	95	162989	400.0	449.9	
42 2-Butanone (MEK)	72	3.468	3.484	-0.016	97	434898	1000.0	1129.4	
43 Methyl acrylate	55	3.525	3.542	-0.017	98	545493	200.0	238.4	
44 Propionitrile	54	3.583	3.599	-0.016	98	937499	2000.0	2384.6	a
46 Tetrahydrofuran	42	3.657	3.665	-0.008	84	515229	400.0	435.8	a
45 Chlorobromomethane	128	3.657	3.673	-0.016	90	534167	200.0	218.9	
47 Methacrylonitrile	67	3.673	3.682	-0.009	88	3228497	2000.0	2249.4	a
48 Chloroform	83	3.706	3.714	-0.008	99	1762603	200.0	209.0	
49 Cyclohexane	84	3.829	3.830	-0.001	89	1816695	200.0	219.5	
51 1,1,1-Trichloroethane	97	3.838	3.838	0.000	98	1677097	200.0	210.9	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	96	169355	50.0	48.7	
52 Carbon tetrachloride	117	3.945	3.945	-0.001	98	1370275	200.0	213.7	
53 1,1-Dichloropropene	75	3.969	3.969	0.000	98	1397126	200.0	205.3	
134 Isooctane	57	4.117	4.117	0.000	93	3979090	200.0	213.9	a
54 Isobutyl alcohol	43	4.076	4.117	-0.041	92	536689	5000.0	5147.6	
55 Benzene	78	4.142	4.142	0.000	96	4403268	200.0	206.8	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	90	166144	50.0	50.2	
57 Isopropyl acetate	87	4.191	4.199	-0.008	96	887122	200.0	223.4	
58 Tert-amyl methyl ether	73	4.191	4.199	-0.008	95	3324304	200.0	213.7	
59 1,2-Dichloroethane	62	4.224	4.224	0.000	96	1075561	200.0	204.2	
60 n-Heptane	57	4.281	4.281	0.000	88	786346	200.0	226.0	
* 61 Fluorobenzene	96	4.396	4.405	-0.009	99	733820	50.0	50.0	
63 Trichloroethene	95	4.717	4.725	-0.008	98	1077950	200.0	213.5	
62 n-Butanol	56	4.692	4.774	-0.082	83	348423	5000.0	6315.8	a
64 Ethyl acrylate	55	4.832	4.832	0.000	97	2407227	200.0	235.1	
65 Methylcyclohexane	83	4.832	4.840	-0.008	91	2055908	200.0	220.3	
66 1,2-Dichloropropane	63	4.980	4.988	-0.008	96	1135044	200.0	204.6	
* 67 1,4-Dioxane-d8	96	5.037	5.037	0.000	43	31049	1000.0	1000.0	a
68 Methyl methacrylate	100	5.054	5.054	0.000	85	456360	400.0	439.0	
69 1,4-Dioxane	88	5.087	5.095	-0.008	86	183427	4000.0	4407.1	
71 Dibromomethane	93	5.103	5.111	-0.008	79	610635	200.0	209.1	
70 n-Propyl acetate	43	5.103	5.111	-0.008	97	991506	200.0	227.8	
72 Dichlorobromomethane	83	5.243	5.243	0.000	99	1331809	200.0	210.8	
74 2-Nitropropane	41	5.547	5.555	-0.008	95	313065	400.0	420.4	
73 2-Chloroethyl vinyl ether	63	5.555	5.563	-0.008	94	565147	200.5	227.4	
75 Epichlorohydrin	57	5.654	5.662	-0.008	98	1414353	4000.0	4098.3	
76 cis-1,3-Dichloropropene	75	5.703	5.711	-0.008	88	1730546	200.0	209.1	
77 4-Methyl-2-pentanone (MIBK)	43	5.859	5.859	0.000	93	3554712	1000.0	1154.0	a
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	718978	50.0	50.2	
79 Toluene	91	6.007	6.007	0.000	94	4580507	200.0	211.8	
80 trans-1,3-Dichloropropene	75	6.344	6.344	0.000	95	1384009	200.0	225.6	
81 Ethyl methacrylate	69	6.369	6.377	-0.009	86	1236690	200.0	232.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	6.541	6.541	0.000	98	766066	200.0	232.4	
83 Tetrachloroethene	166	6.582	6.582	0.000	94	963684	200.0	203.7	
84 1,3-Dichloropropane	76	6.738	6.747	-0.009	90	1437969	200.0	222.2	
85 2-Hexanone	43	6.804	6.812	-0.008	93	2235424	1000.0	1102.1	a
86 n-Butyl acetate	43	6.919	6.927	-0.008	98	1216688	200.0	235.0	
87 Chlorodibromomethane	129	6.960	6.960	0.000	98	960147	200.0	214.7	
88 Ethylene Dibromide	107	7.108	7.108	0.000	98	865603	200.0	220.1	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	85	520933	50.0	50.0	
90 Chlorobenzene	112	7.667	7.667	0.000	95	2888665	200.0	219.9	
91 Ethylbenzene	106	7.774	7.774	0.000	97	1685352	200.0	216.4	a
92 1,1,1,2-Tetrachloroethane	131	7.790	7.782	0.008	97	1134197	200.0	215.8	a
93 m-Xylene & p-Xylene	106	7.921	7.922	-0.001	99	2078819	200.0	219.5	a
95 o-Xylene	106	8.431	8.431	0.000	95	2205028	200.0	224.3	a
94 n-Butyl acrylate	73	8.439	8.439	0.000	99	875725	200.0	227.8	
96 Styrene	104	8.472	8.472	0.000	96	3288422	200.0	227.1	
98 Bromoform	173	8.719	8.719	0.000	95	554806	200.0	234.5	
97 Amyl acetate (mixed isomers)	43	8.719	8.727	-0.008	92	1728593	200.0	247.4	
99 Isopropylbenzene	105	8.858	8.858	0.000	95	5065511	200.0	220.8	
$ 100 4-Bromofluorobenzene	174	9.055	9.055	0.000	86	194028	50.0	51.6	
101 Bromobenzene	156	9.179	9.179	0.000	99	1182770	200.0	216.5	
102 1,1,2,2-Tetrachloroethane	83	9.236	9.236	0.000	99	1246437	200.0	223.9	
103 N-Propylbenzene	91	9.253	9.253	0.000	99	6230786	200.0	212.6	a
104 1,2,3-Trichloropropane	110	9.269	9.269	0.000	97	310334	200.0	212.6	a
105 trans-1,4-Dichloro-2-butene	53	9.294	9.302	-0.008	86	262529	200.0	236.5	a
106 2-Chlorotoluene	91	9.343	9.343	0.000	97	4419533	200.0	214.2	a
107 4-Ethyltoluene	105	9.359	9.359	0.000	98	5132273	200.0	217.6	a
108 1,3,5-Trimethylbenzene	105	9.417	9.417	0.000	94	4759372	200.0	216.9	
109 4-Chlorotoluene	91	9.442	9.442	0.000	96	4083241	200.0	215.3	a
110 Butyl Methacrylate	87	9.507	9.507	0.000	85	2048841	200.0	236.7	
111 tert-Butylbenzene	119	9.655	9.655	0.000	94	3901513	200.0	217.3	
112 1,2,4-Trimethylbenzene	105	9.705	9.705	0.000	97	4857700	200.0	220.0	
113 sec-Butylbenzene	105	9.811	9.811	0.000	98	6122741	200.0	215.4	
115 1,3-Dichlorobenzene	146	9.910	9.910	0.000	96	2510767	200.0	218.4	a
114 4-Isopropyltoluene	119	9.918	9.918	0.000	97	5305360	200.0	221.6	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	93	294404	50.0	50.0	
117 1,4-Dichlorobenzene	146	9.984	9.984	0.000	94	2527329	200.0	212.1	a
118 1,2,3-Trimethylbenzene	105	9.992	9.992	0.000	97	5175709	200.0	223.1	
119 Benzyl chloride	91	10.083	10.083	0.000	99	2674437	200.0	225.8	
120 2,3-Dihydroindene	117	10.124	10.124	0.000	95	4539225	200.0	220.6	
121 p-Diethylbenzene	119	10.165	10.165	0.000	88	3250824	200.0	217.4	
122 n-Butylbenzene	92	10.181	10.181	0.000	98	2923058	200.0	216.0	
123 1,2-Dichlorobenzene	146	10.222	10.222	0.000	96	2512597	200.0	214.3	a
124 1,2,4,5-Tetramethylbenzene	119	10.625	10.625	0.000	98	5412167	200.0	222.4	
125 1,2-Dibromo-3-Chloropropane	157	10.691	10.691	0.000	95	257326	200.0	218.4	
126 1,3,5-Trichlorobenzene	180	10.765	10.765	0.000	98	2184724	200.0	219.7	
127 1,2,4-Trichlorobenzene	180	11.110	11.110	0.000	94	2047321	200.0	221.4	
128 Hexachlorobutadiene	225	11.167	11.167	0.000	93	781808	200.0	227.3	
129 Naphthalene	128	11.249	11.249	0.000	99	4385411	200.0	211.3	
130 1,2,3-Trichlorobenzene	180	11.389	11.389	0.000	96	1765635	200.0	212.3	
S 131 1,2-Dichloroethene, Total	100				0		400.0	410.3	
S 132 Total BTEX	1				0		1000.0	1078.7	
S 133 Xylenes, Total	100				0		400.0	443.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00193	Amount Added:	20.00	Units: uL	
GAS Hi_00516	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00170	Amount Added:	20.00	Units: uL	
MIX I Hi_00197	Amount Added:	20.00	Units: uL	
7 Freons Hi_00036	Amount Added:	20.00	Units: uL	
Ethanol mix_00110	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00085	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 24-Jan-2026 11:05:29 Chrom Revision: 2.3 27-Dec-2025 13:45:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D

Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6 Operator ID:

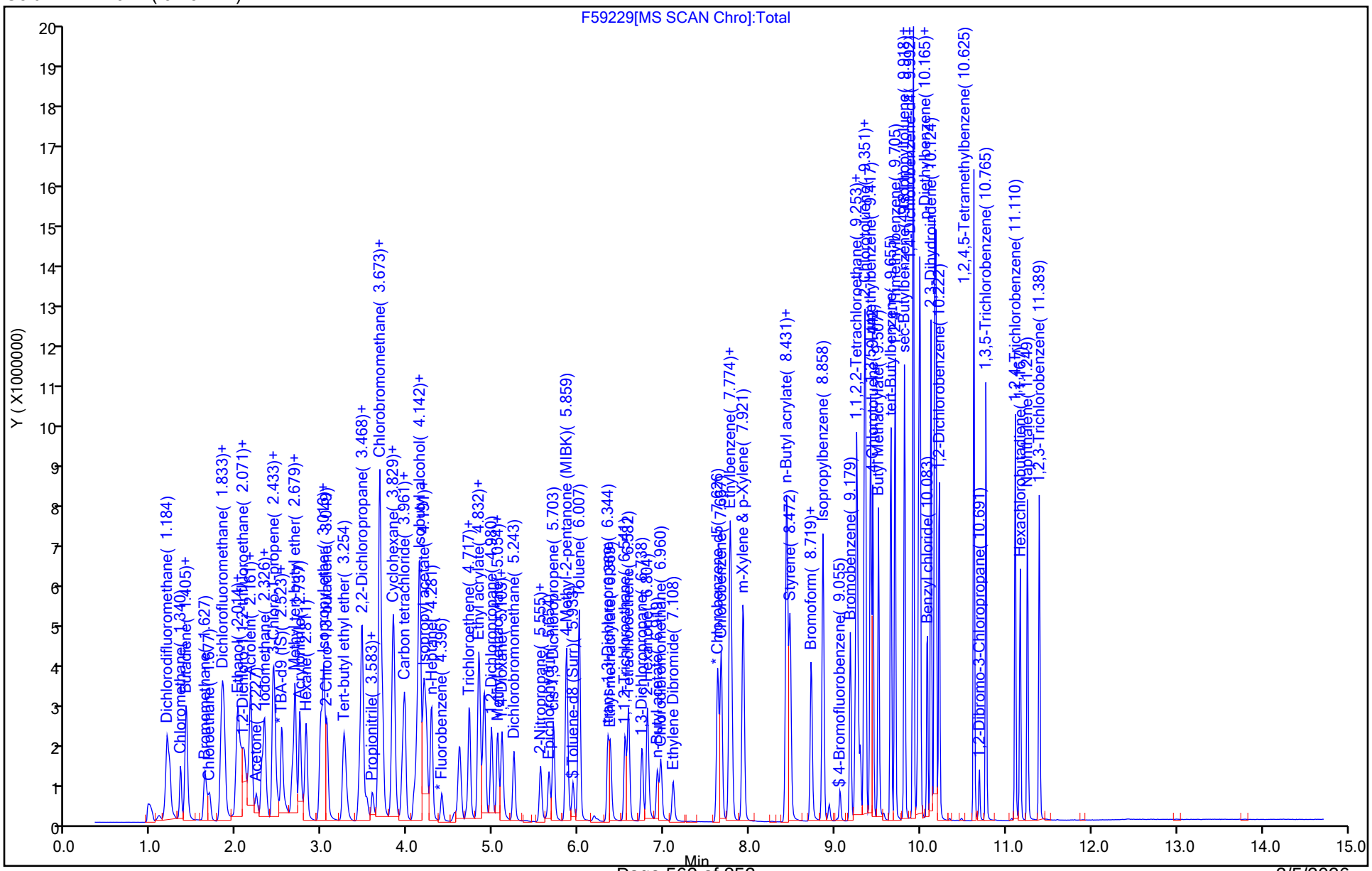
Lims ID: STD200 Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

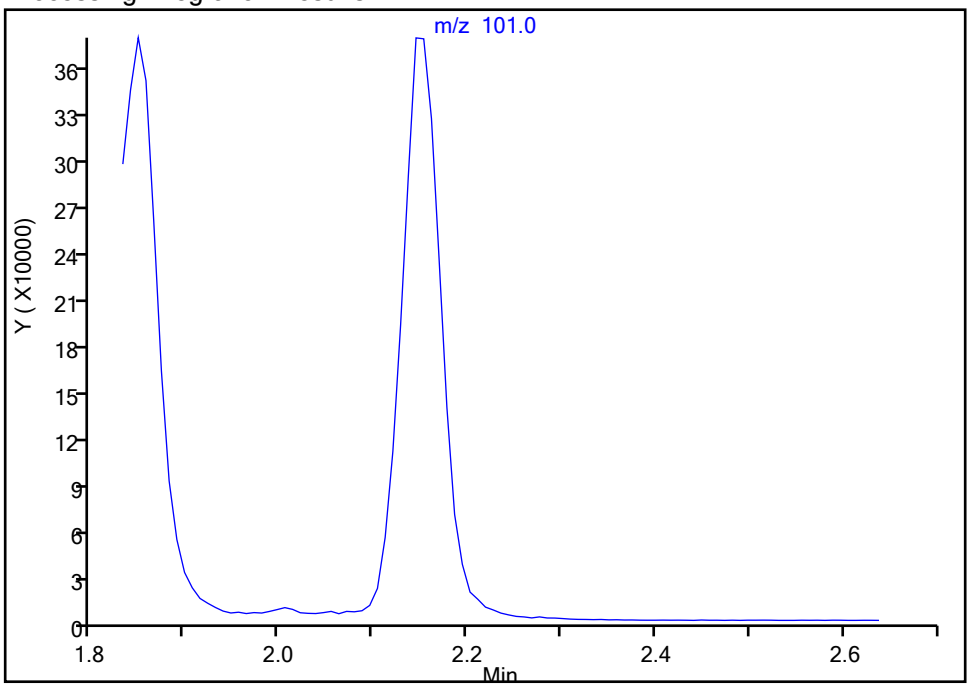
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

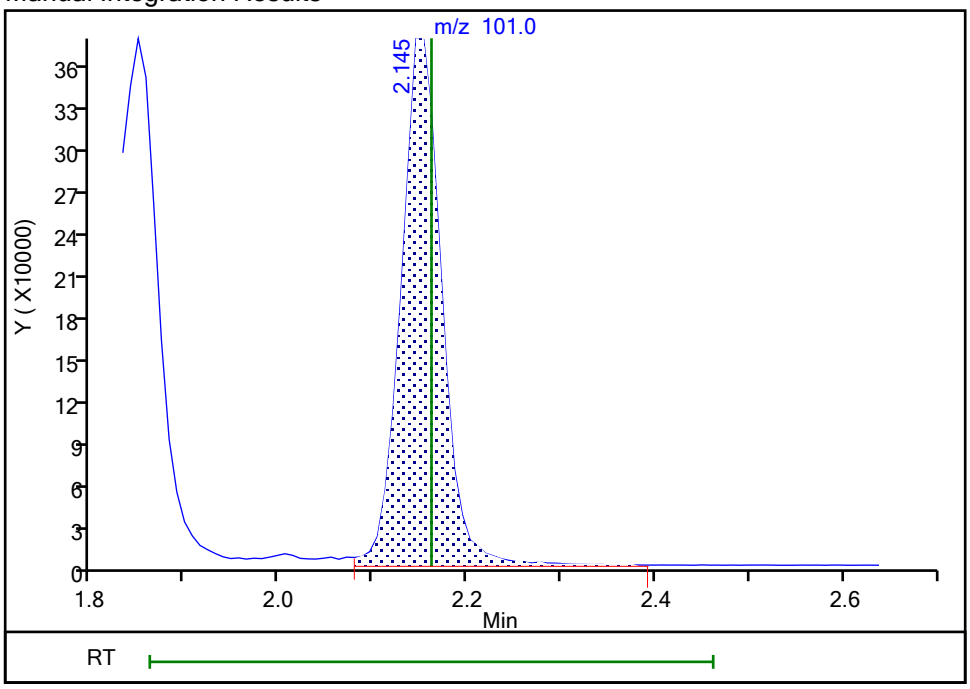
Not Detected
Expected RT: 2.16

Processing Integration Results



Manual Integration Results

RT: 2.15
Area: 1121087
Amount: 214.7306
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:29:48 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

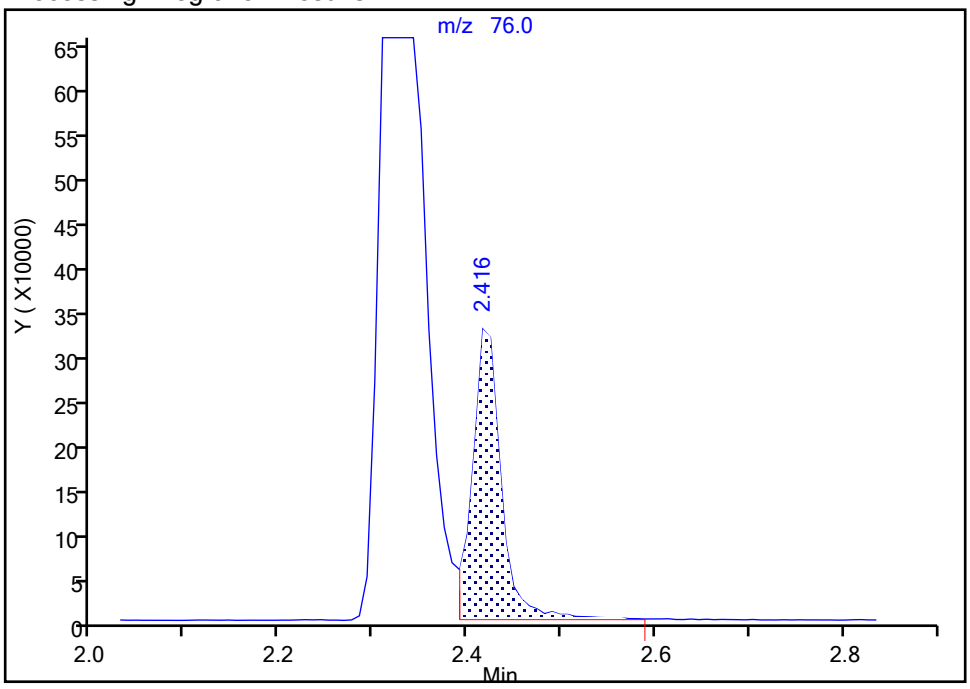
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 Carbon disulfide, CAS: 75-15-0

Signal: 1

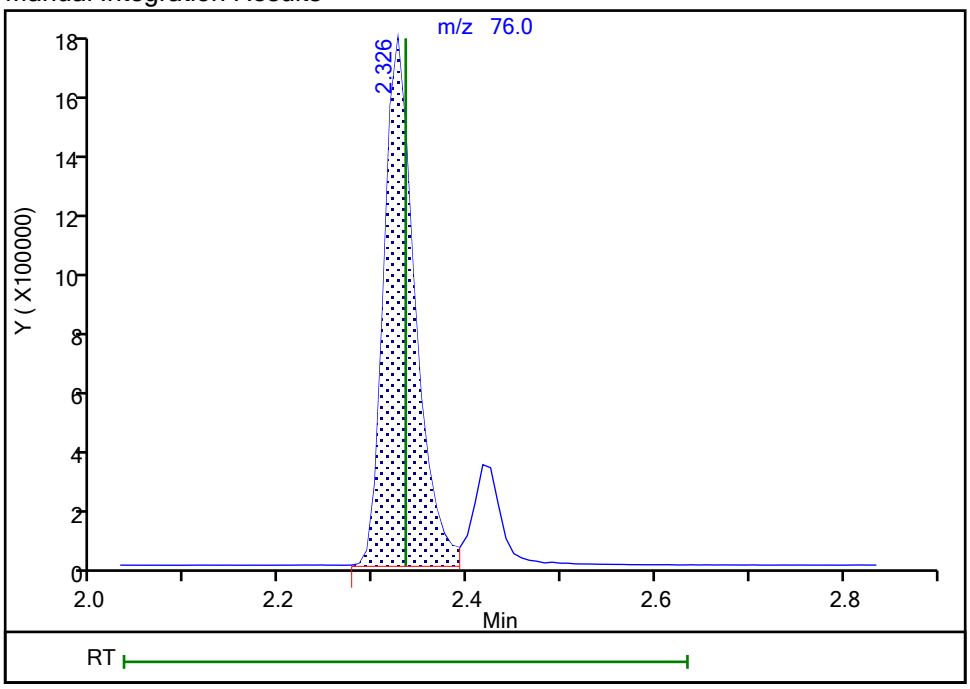
Processing Integration Results

RT: 2.42
Area: 712232
Amount: 188.9406
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 3977995
Amount: 205.9306
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:32:03 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

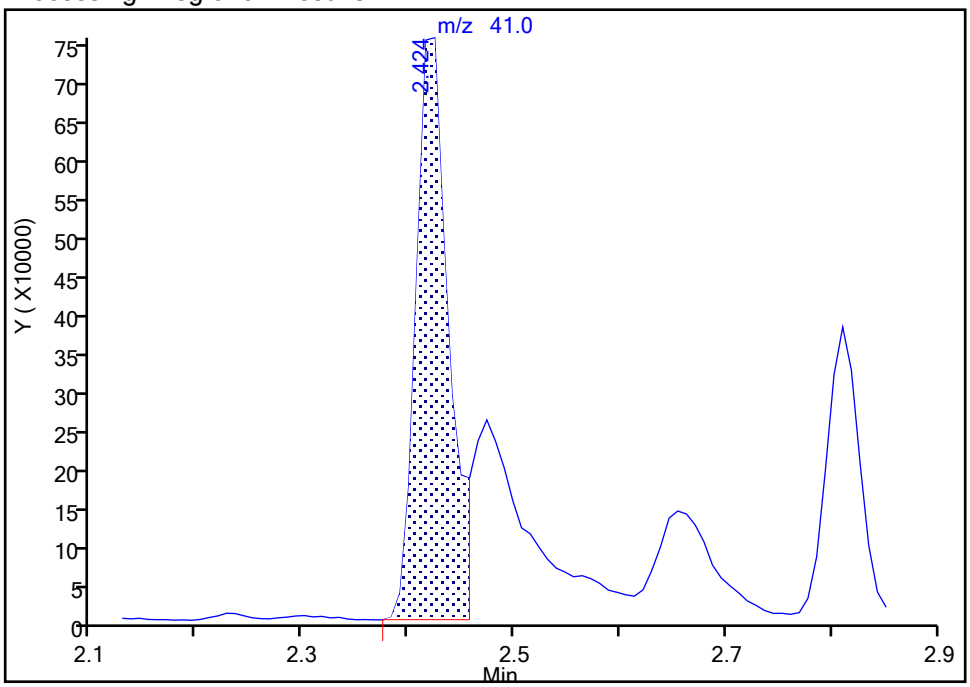
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Acetonitrile, CAS: 75-05-8

Signal: 1

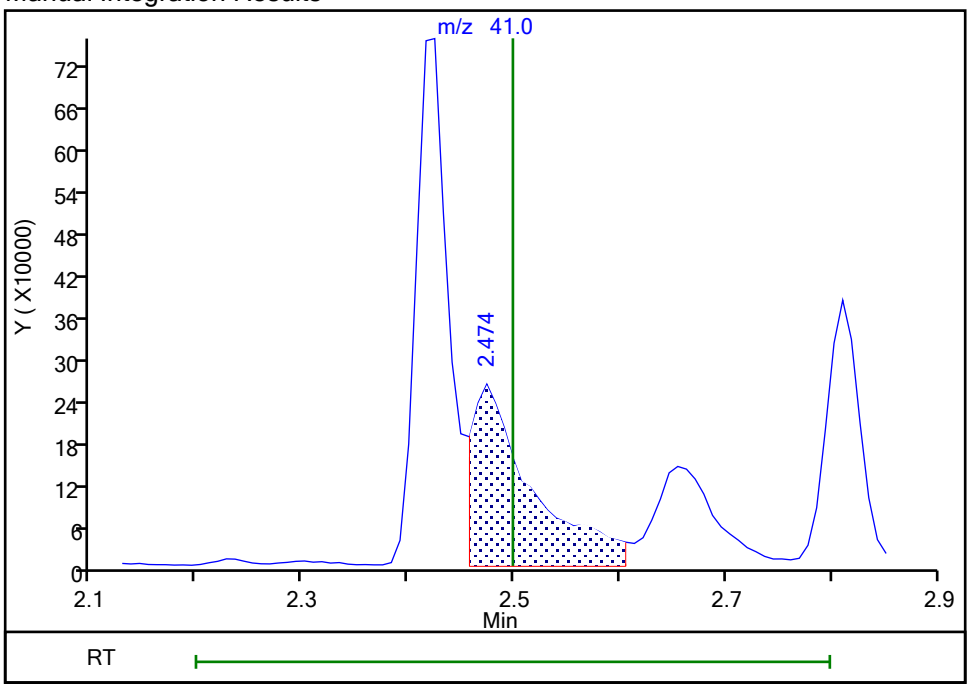
Processing Integration Results

RT: 2.42
Area: 1646362
Amount: 2194.3032
Amount Units: ug/l



Manual Integration Results

RT: 2.47
Area: 1038900
Amount: 2465.1280
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:29:55 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

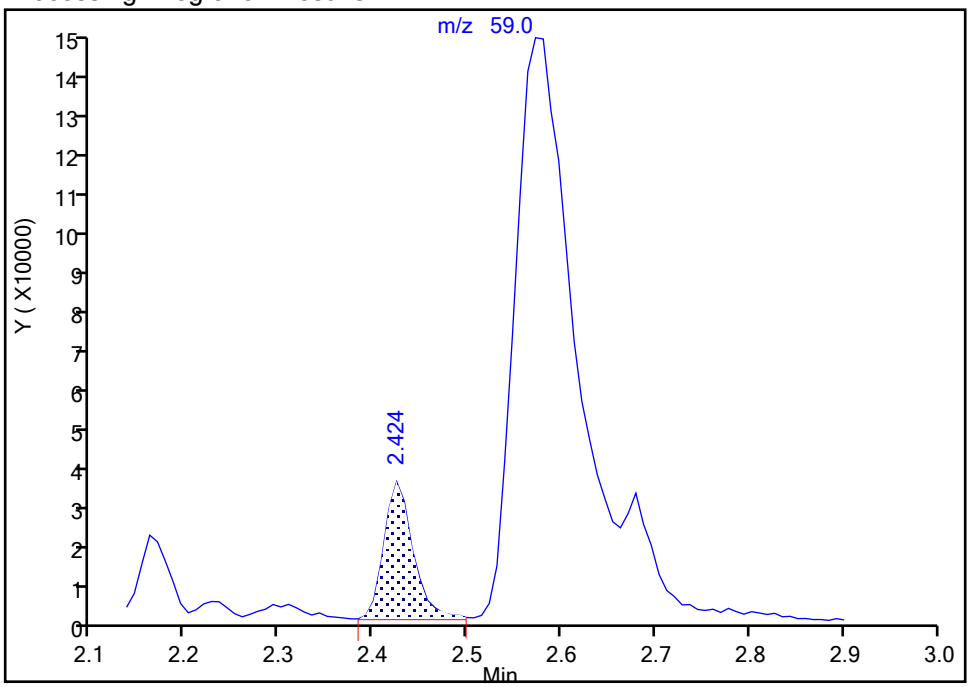
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

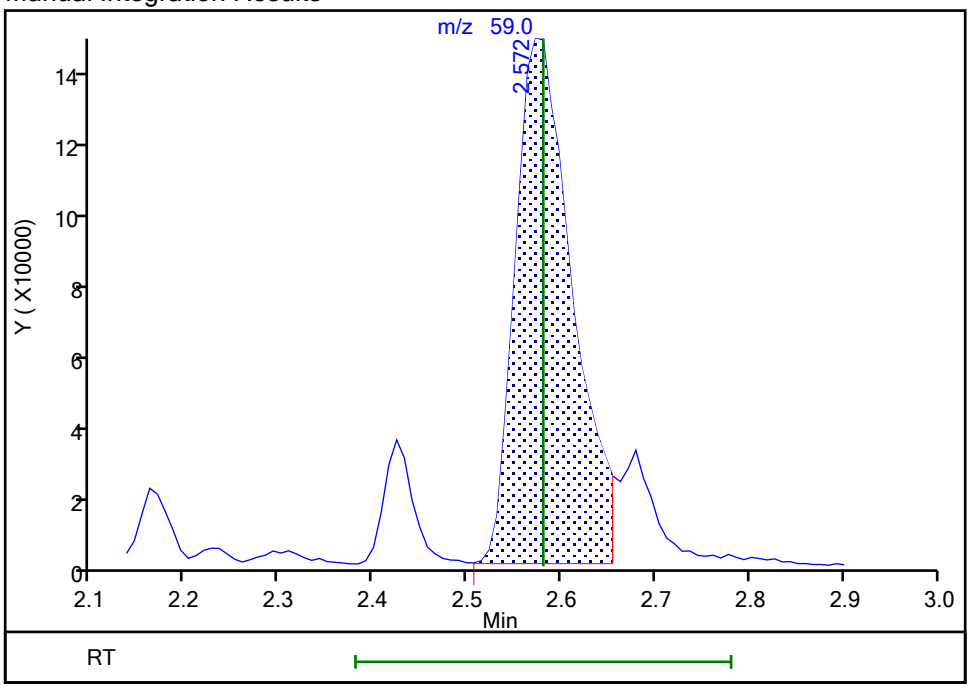
Processing Integration Results

RT: 2.42
Area: 75299
Amount: 290.3831
Amount Units: ug/l



Manual Integration Results

RT: 2.57
Area: 626854
Amount: 2053.4269
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:29:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

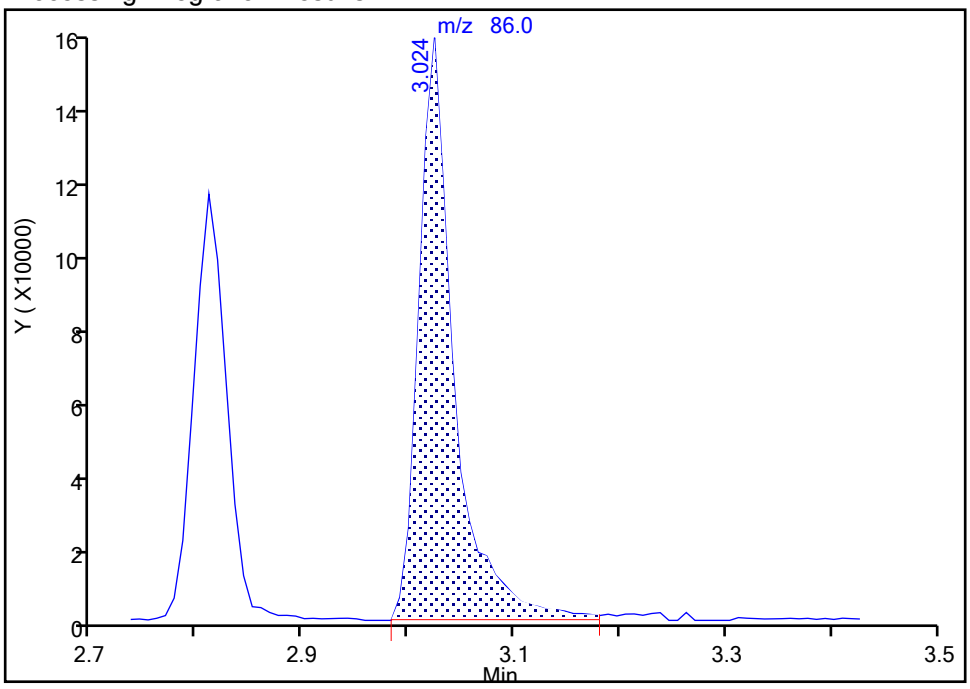
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 Vinyl acetate, CAS: 108-05-4

Signal: 1

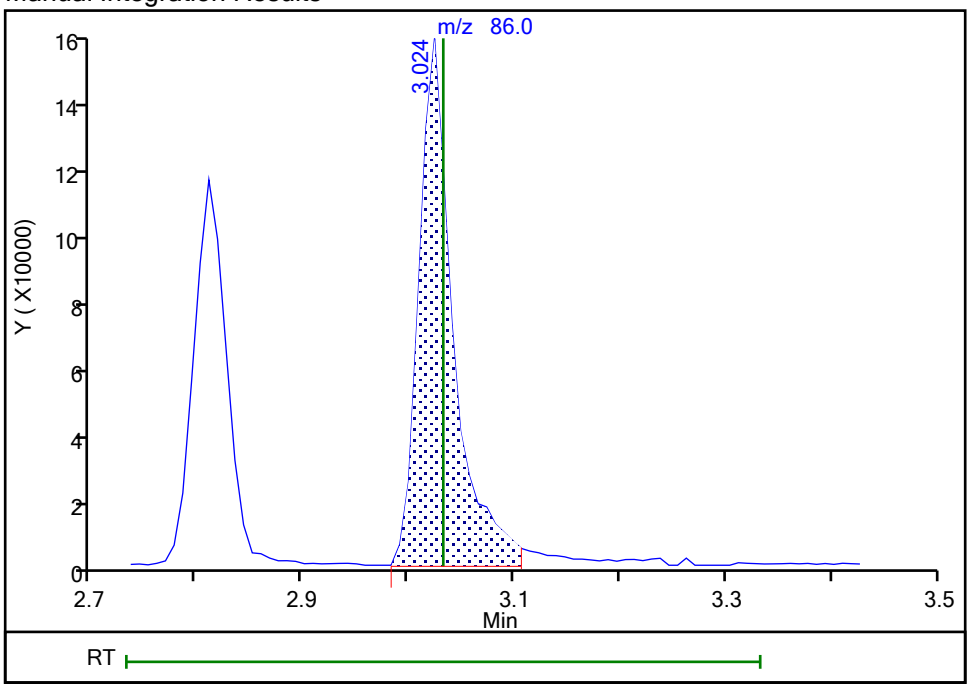
Processing Integration Results

RT: 3.02
Area: 357435
Amount: 411.3261
Amount Units: ug/l



Manual Integration Results

RT: 3.02
Area: 346484
Amount: 489.9619
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:45:55 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

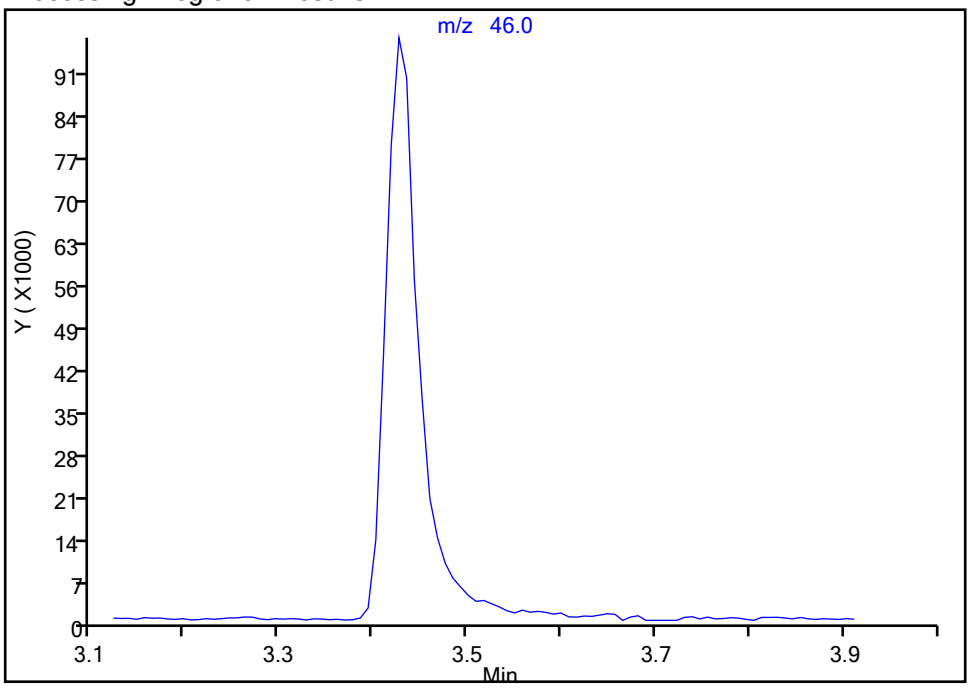
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 38 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

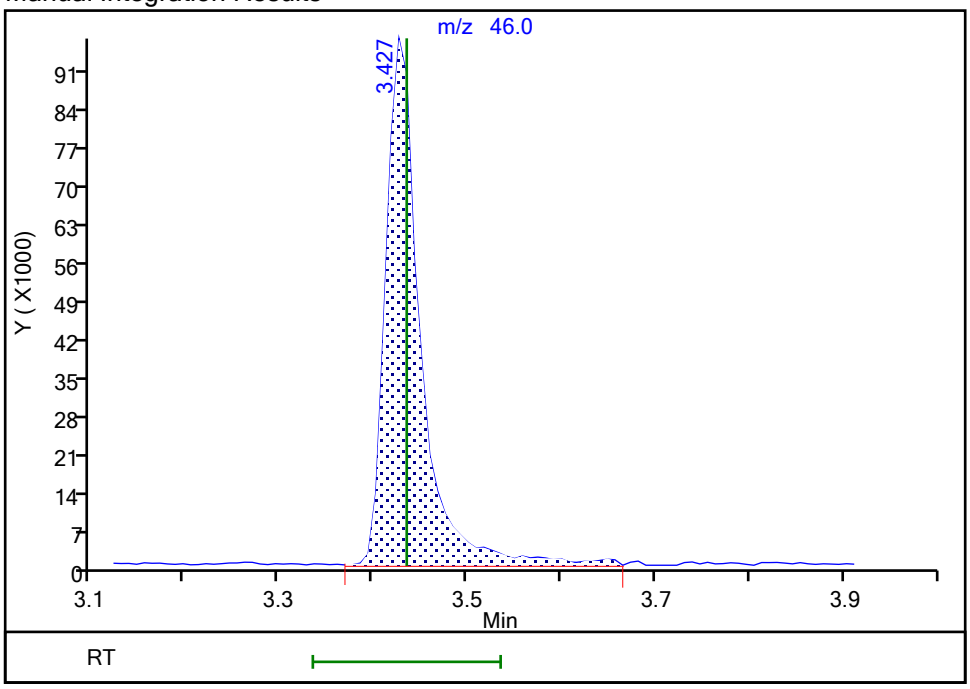
Not Detected
Expected RT: 3.44

Processing Integration Results



Manual Integration Results

RT: 3.43
Area: 249157
Amount: 250.0000
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:29:39 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

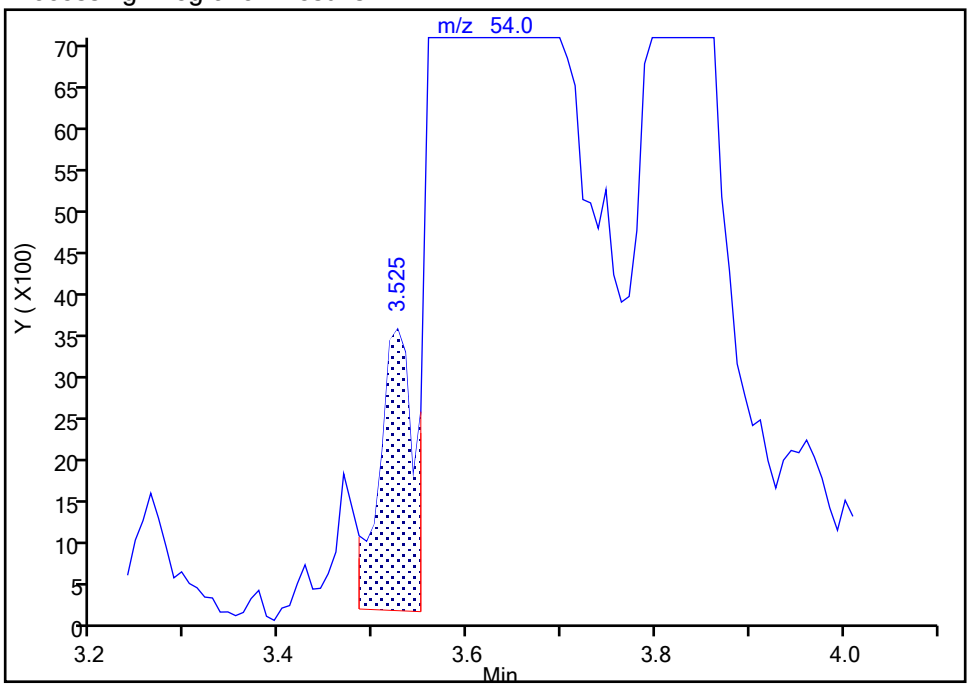
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

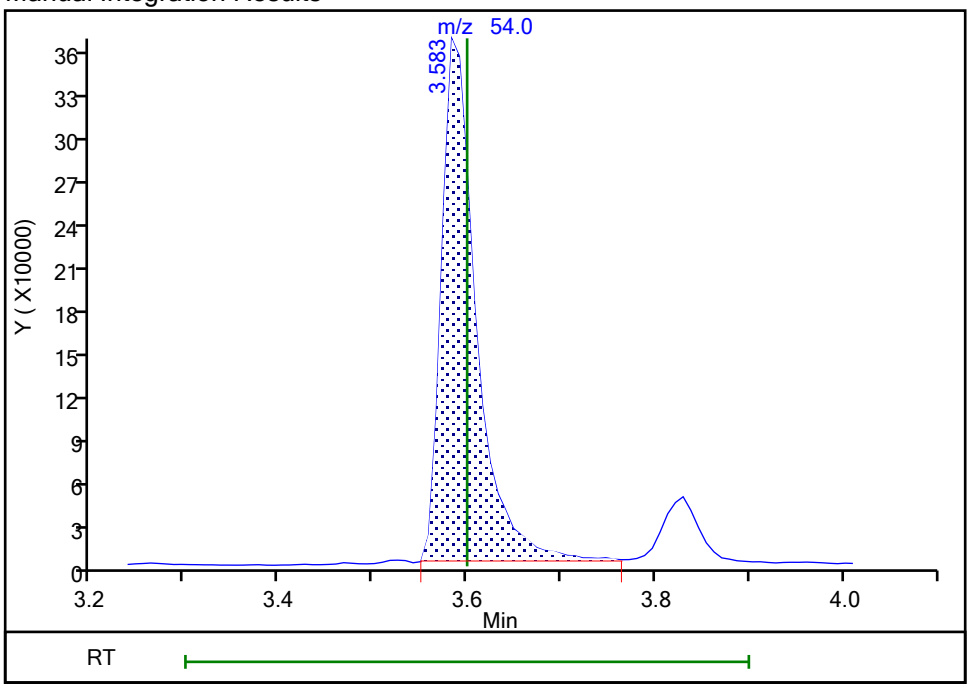
Processing Integration Results

RT: 3.53
Area: 9080
Amount: 1495.3840
Amount Units: ug/l



Manual Integration Results

RT: 3.58
Area: 937499
Amount: 2384.5553
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:30:09 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

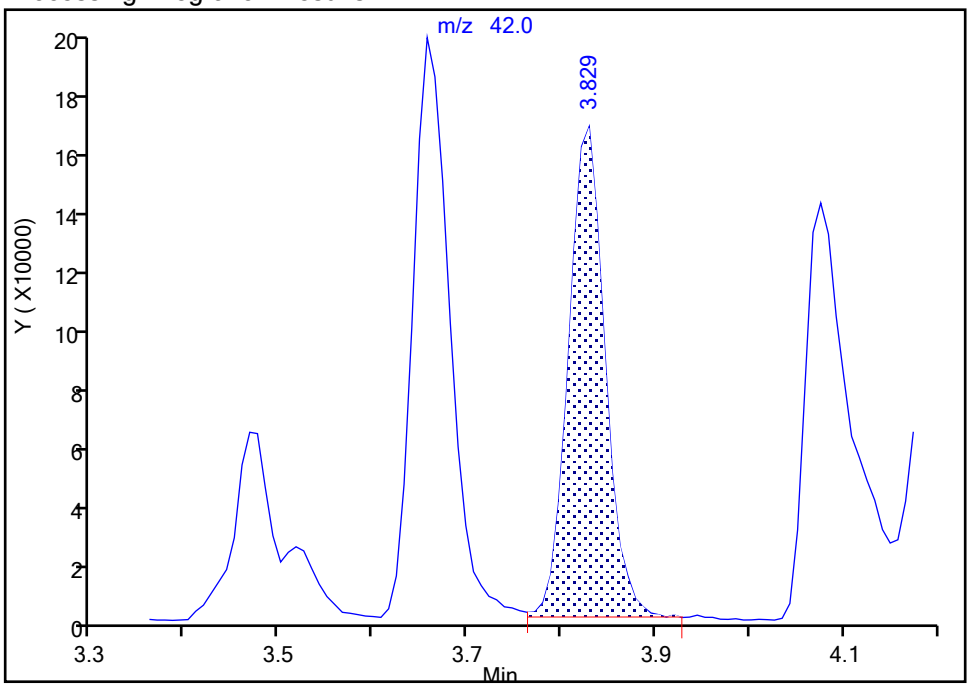
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

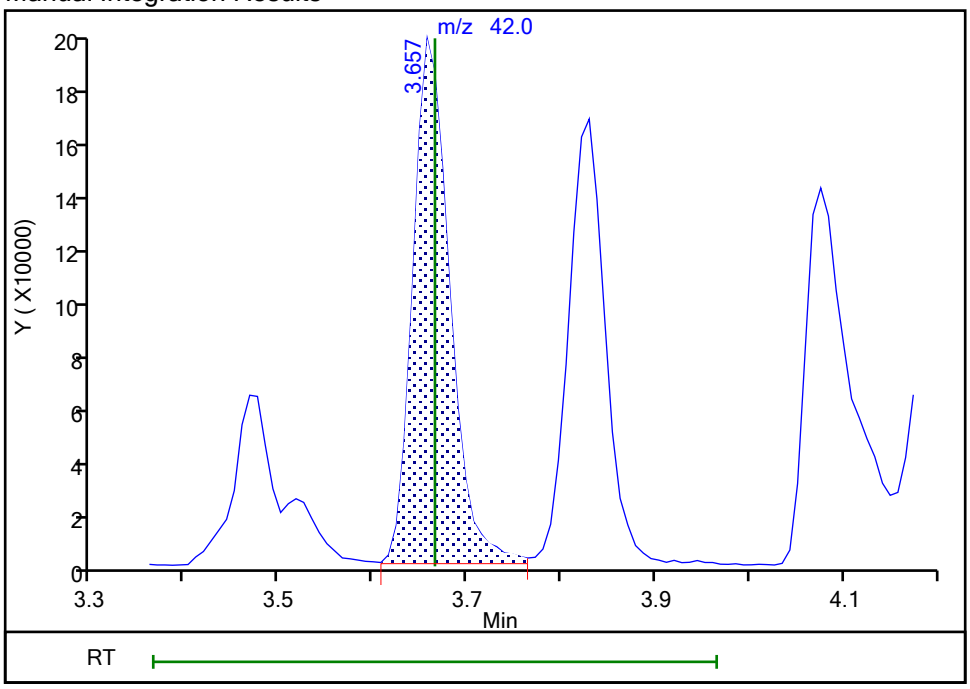
Processing Integration Results

RT: 3.83
Area: 432820
Amount: 383.1633
Amount Units: ug/l



Manual Integration Results

RT: 3.66
Area: 515229
Amount: 435.7623
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:30:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

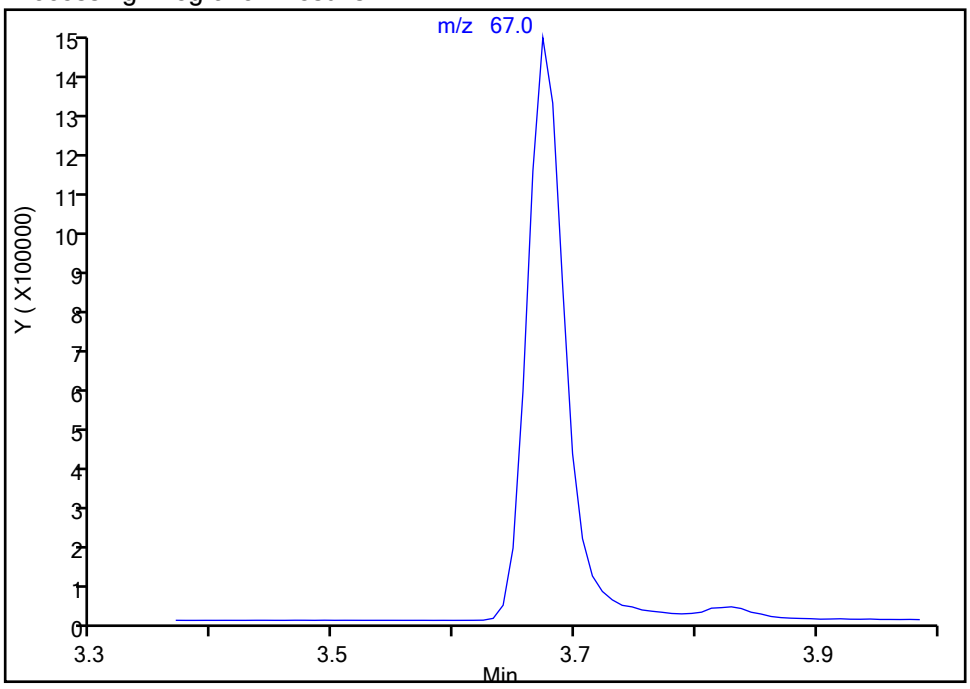
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methacrylonitrile, CAS: 126-98-7

Signal: 1

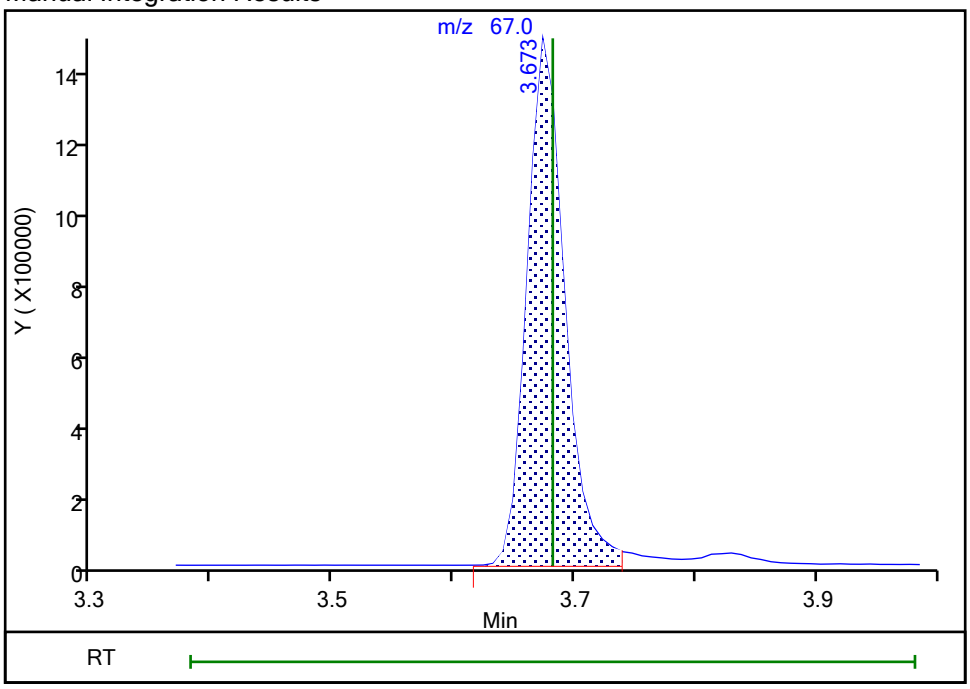
Not Detected
Expected RT: 3.68

Processing Integration Results



Manual Integration Results

RT: 3.67
Area: 3228497
Amount: 2249.4036
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:30:14 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

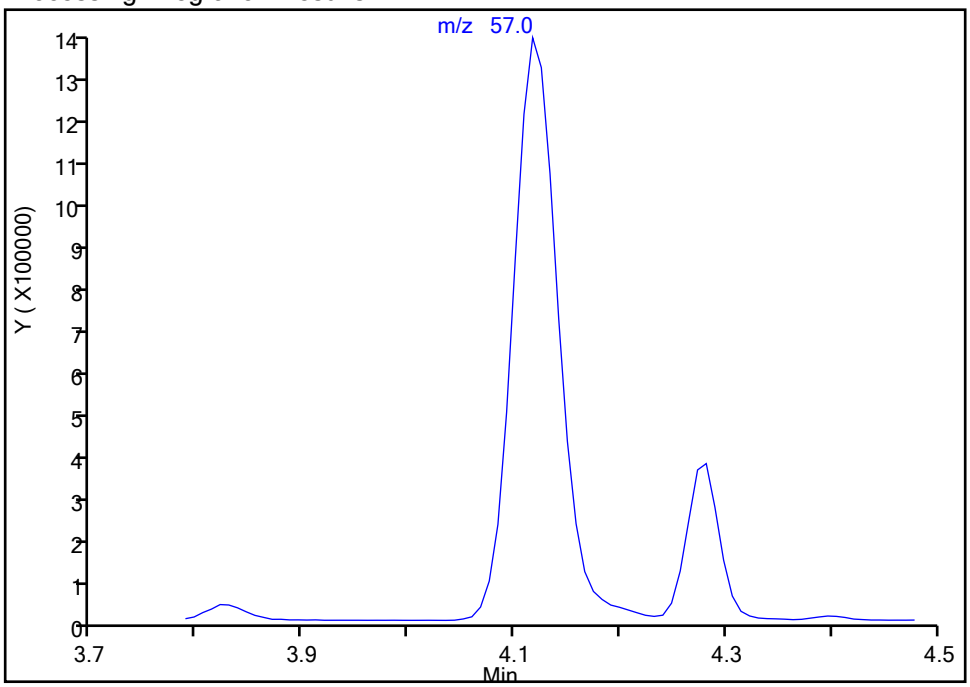
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Isooctane, CAS: 540-84-1

Signal: 1

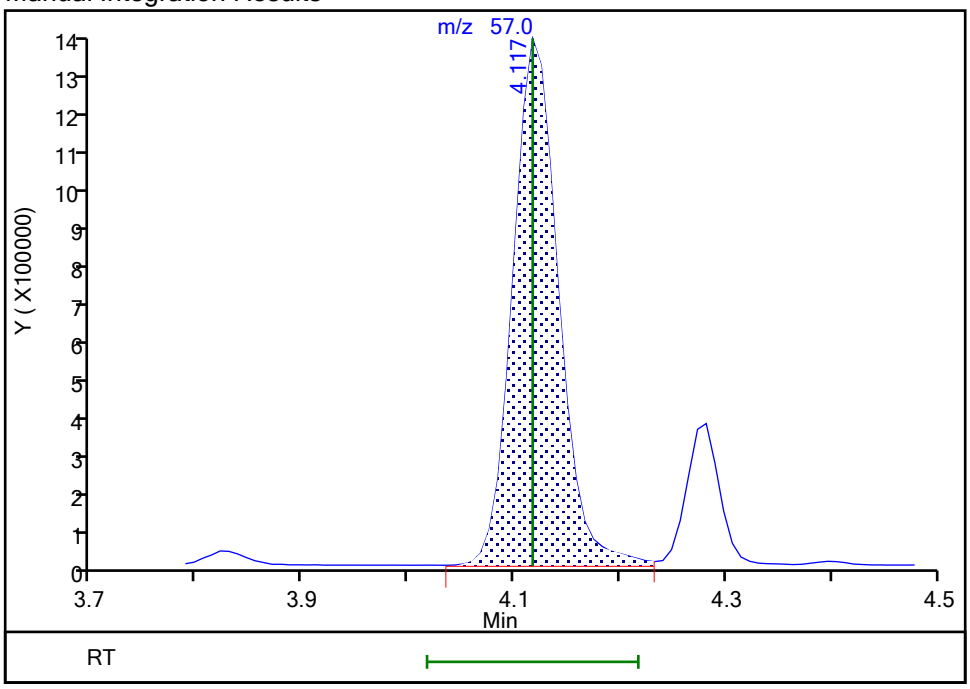
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.12
Area: 3979090
Amount: 213.9061
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:30:20 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

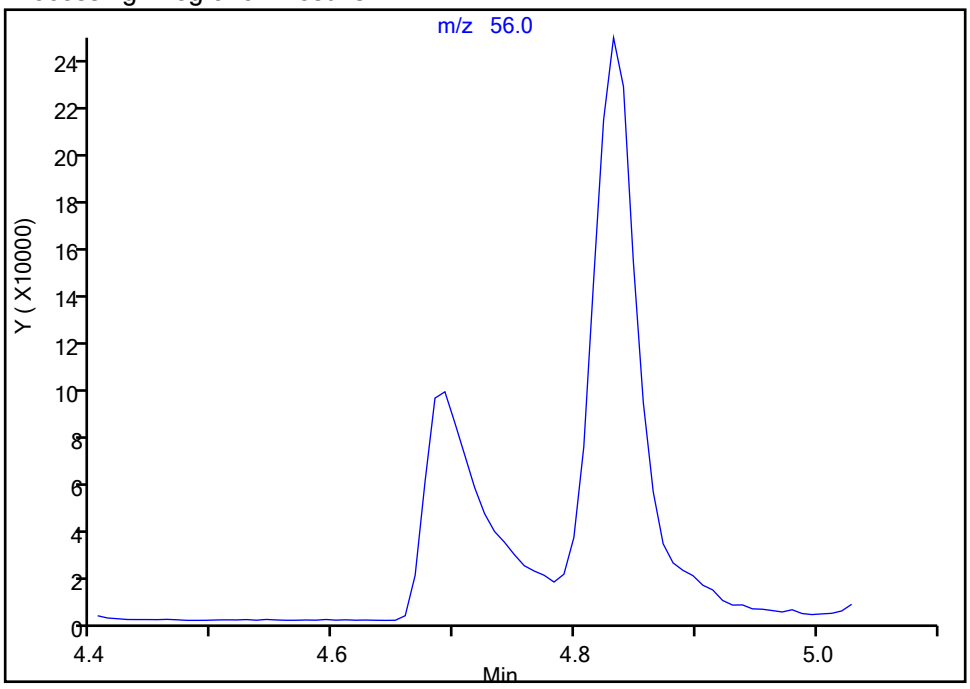
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 n-Butanol, CAS: 71-36-3

Signal: 1

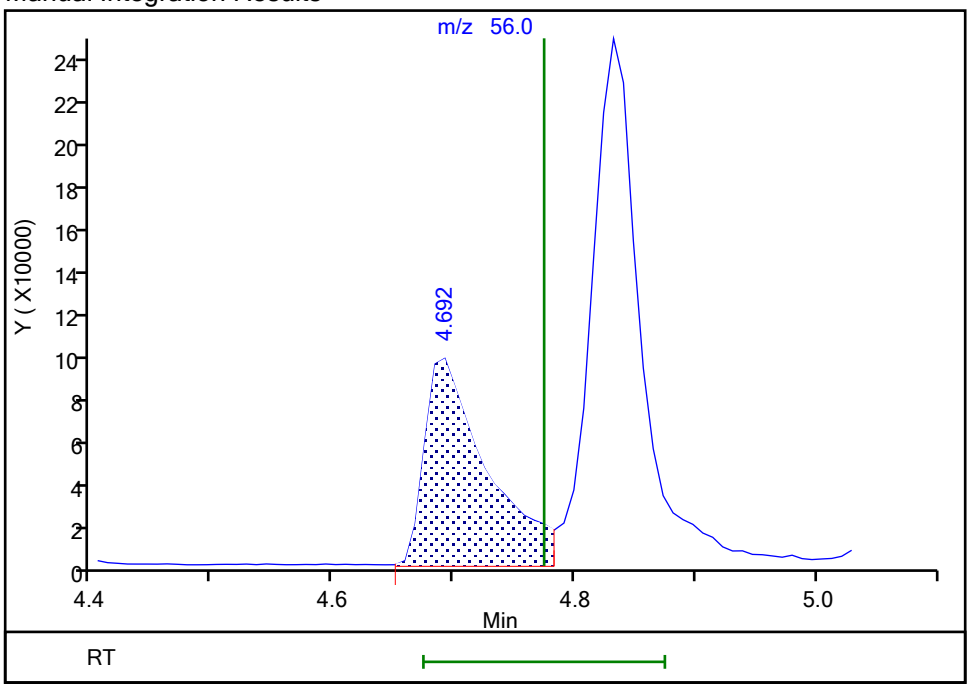
Not Detected
Expected RT: 4.77

Processing Integration Results



Manual Integration Results

RT: 4.69
Area: 348423
Amount: 6315.8334
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:30:28 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

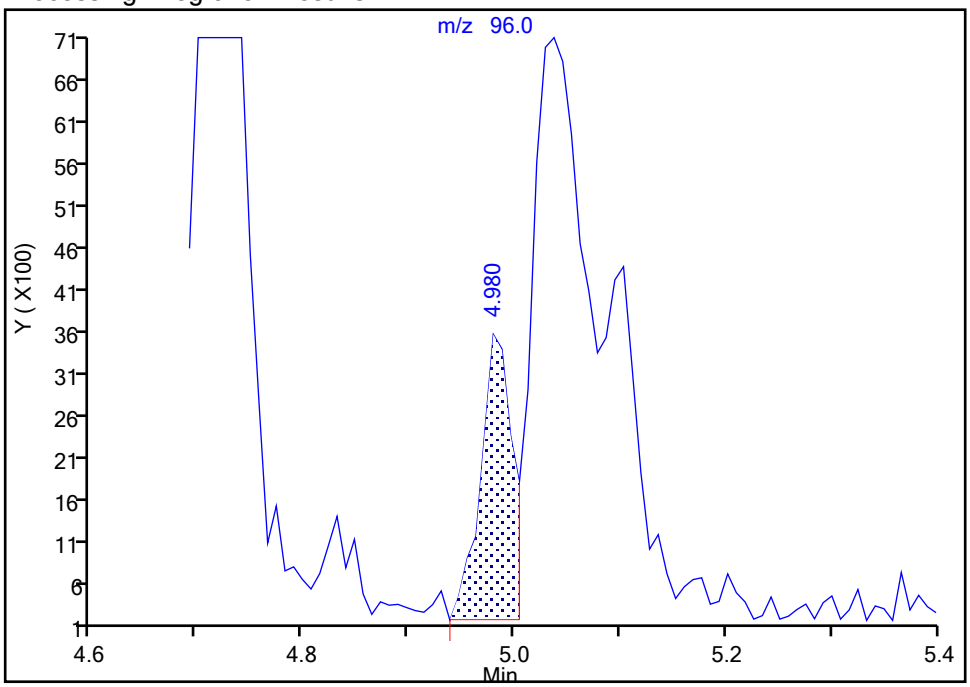
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

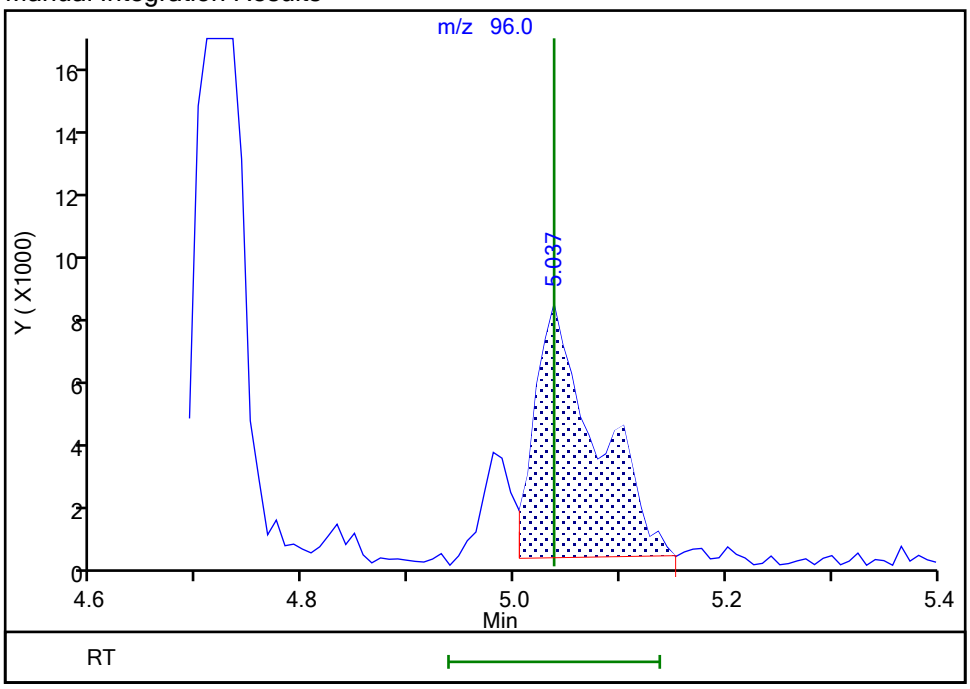
Processing Integration Results

RT: 4.98
Area: 7265
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.04
Area: 31049
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:35:06 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

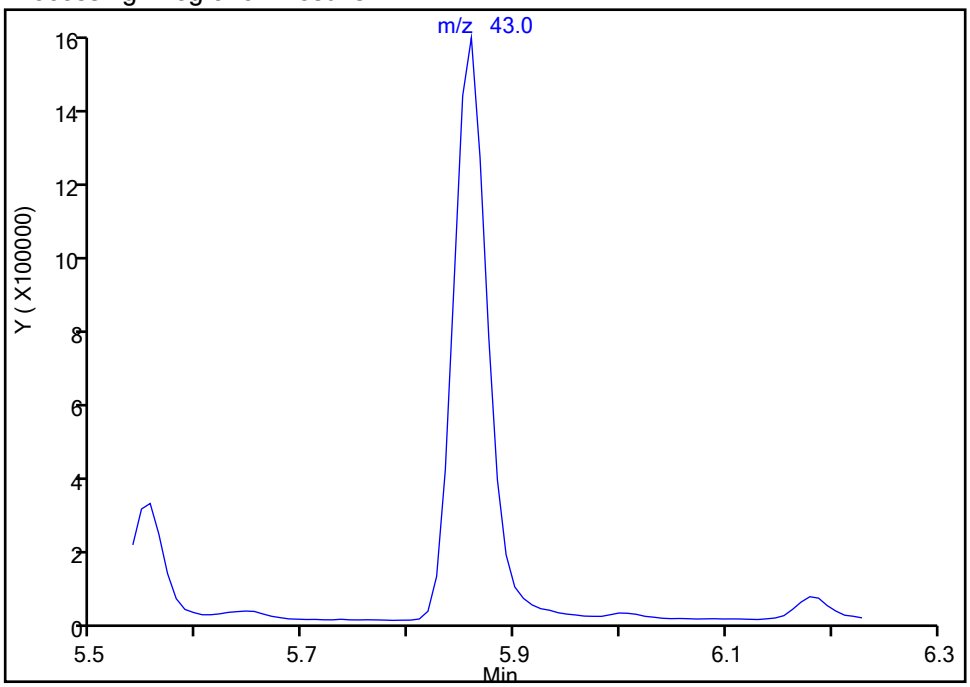
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

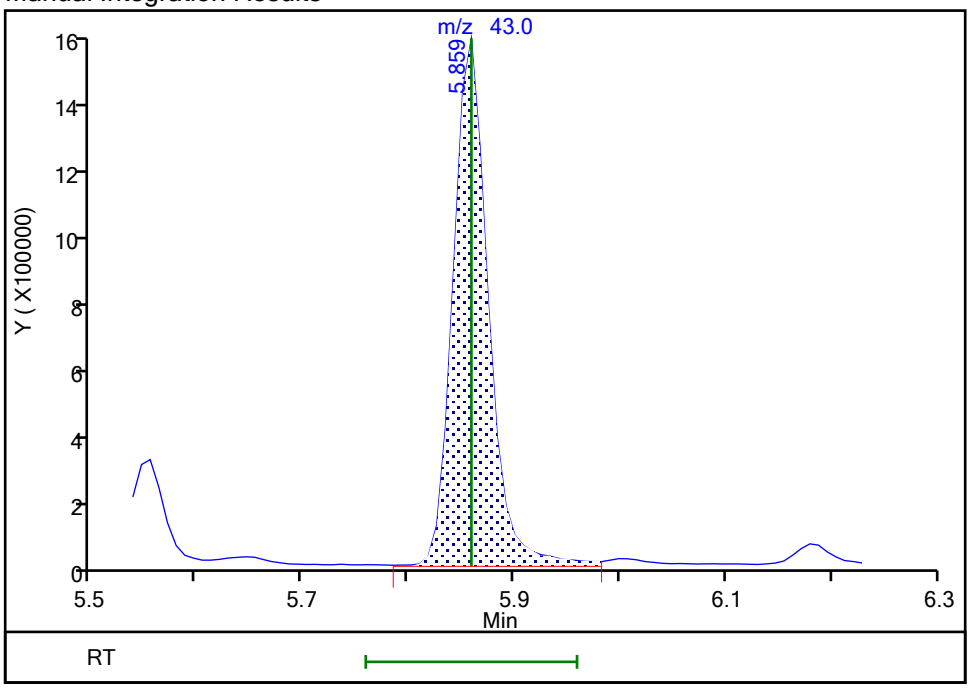
Not Detected
Expected RT: 5.86

Processing Integration Results



Manual Integration Results

RT: 5.86
Area: 3554712
Amount: 1154.0465
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:29:31 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

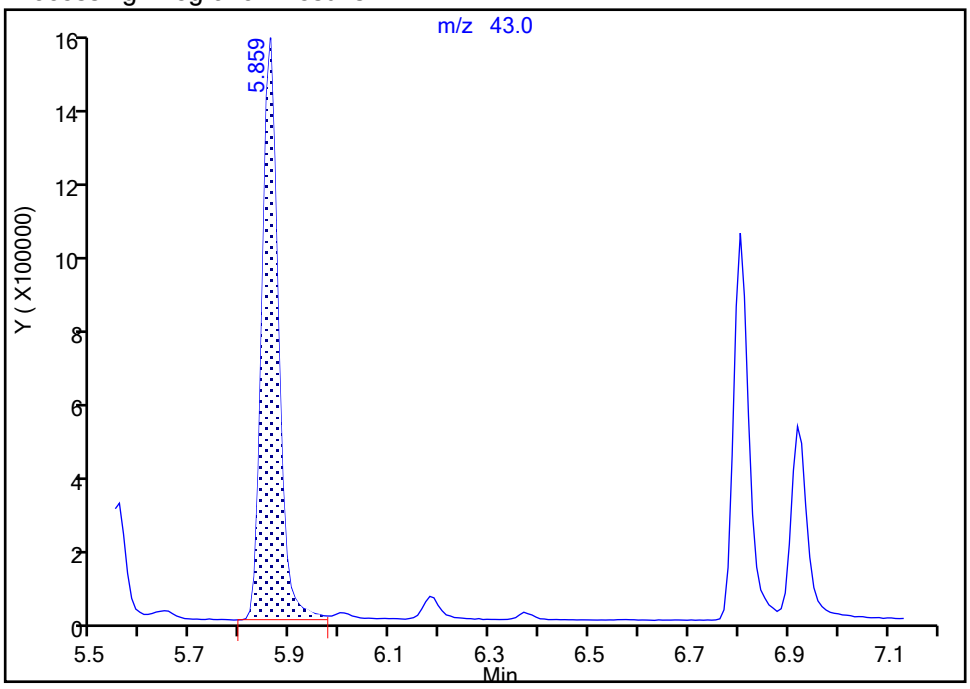
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Hexanone, CAS: 591-78-6

Signal: 1

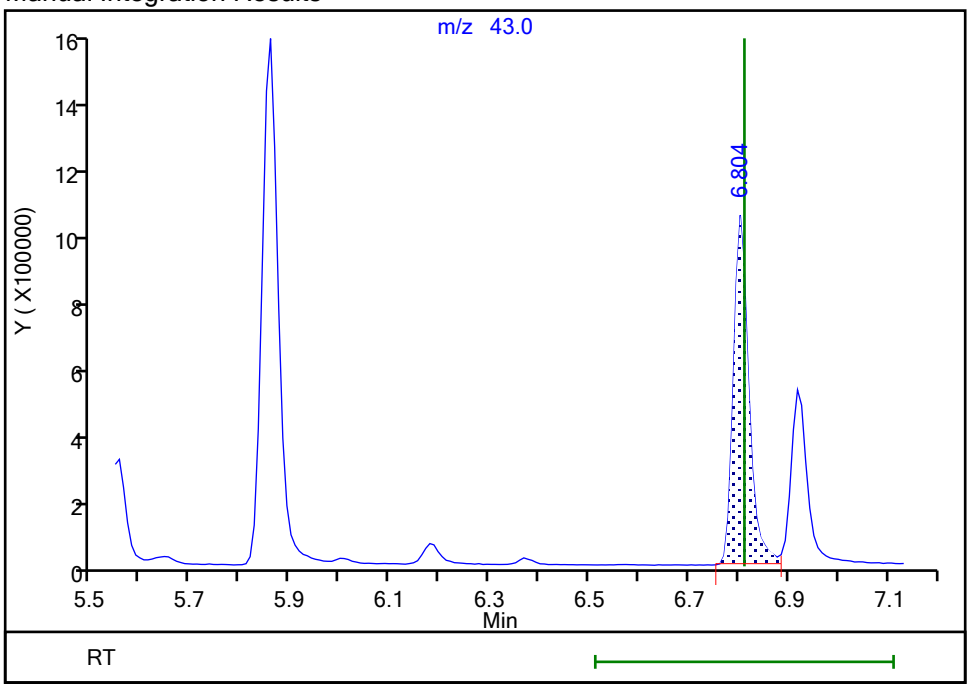
Processing Integration Results

RT: 5.86
Area: 3543636
Amount: 1065.3235
Amount Units: ug/l



Manual Integration Results

RT: 6.80
Area: 2235424
Amount: 1102.1137
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:28:55 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

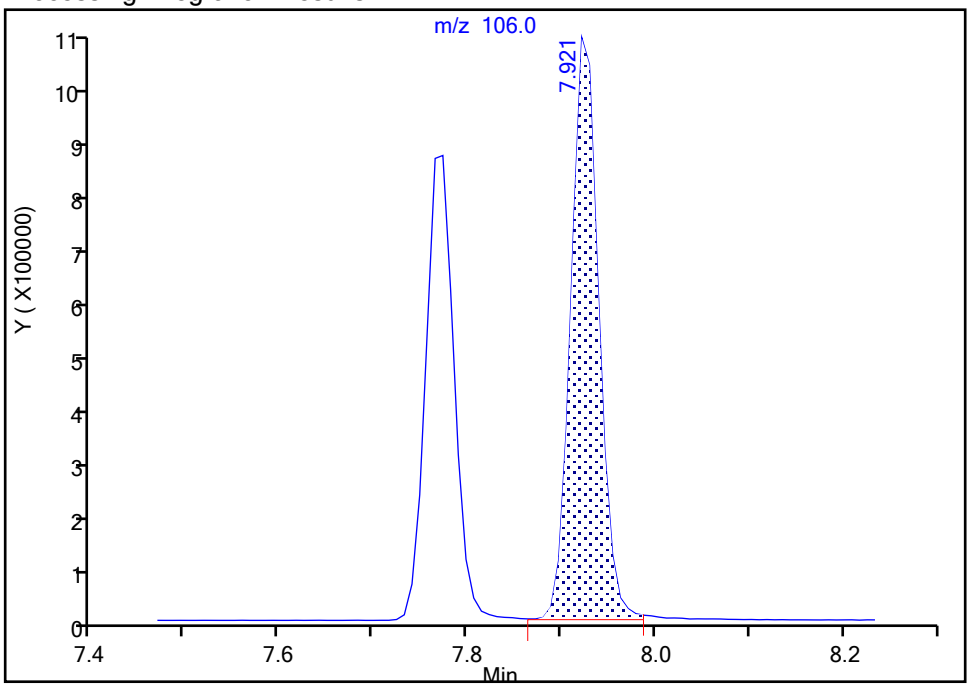
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

91 Ethylbenzene, CAS: 100-41-4

Signal: 1

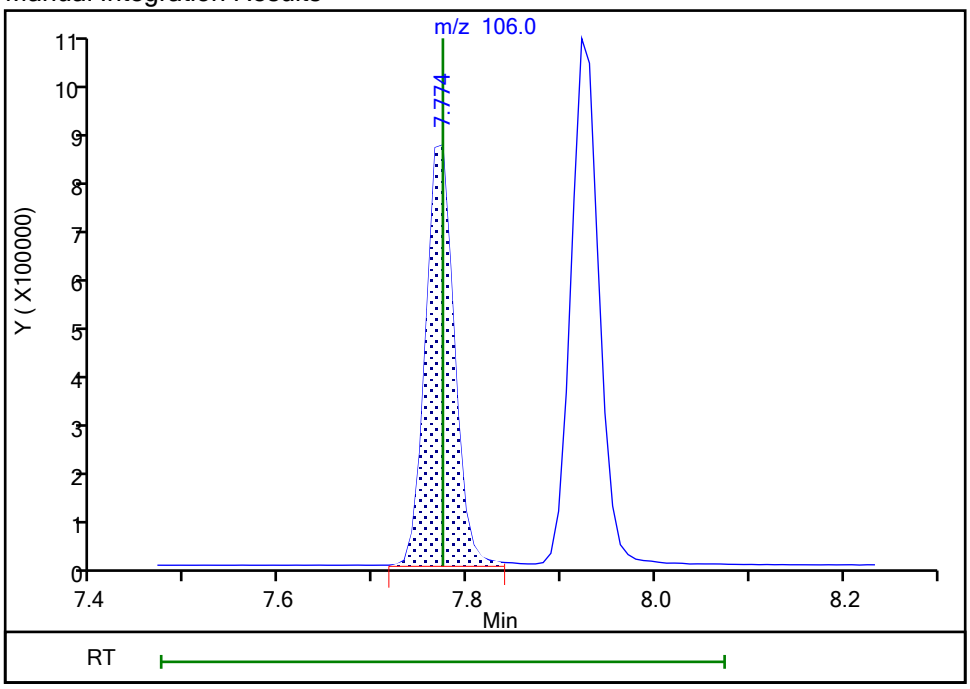
Processing Integration Results

RT: 7.92
Area: 2057467
Amount: 251.0836
Amount Units: ug/l



Manual Integration Results

RT: 7.77
Area: 1685352
Amount: 216.3799
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:13:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

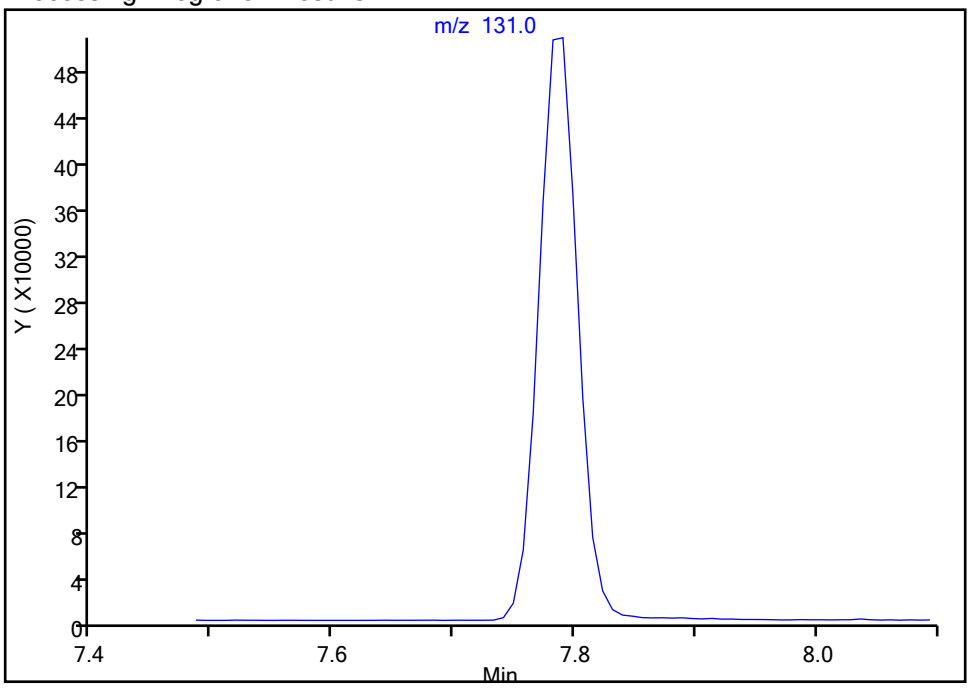
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

92 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

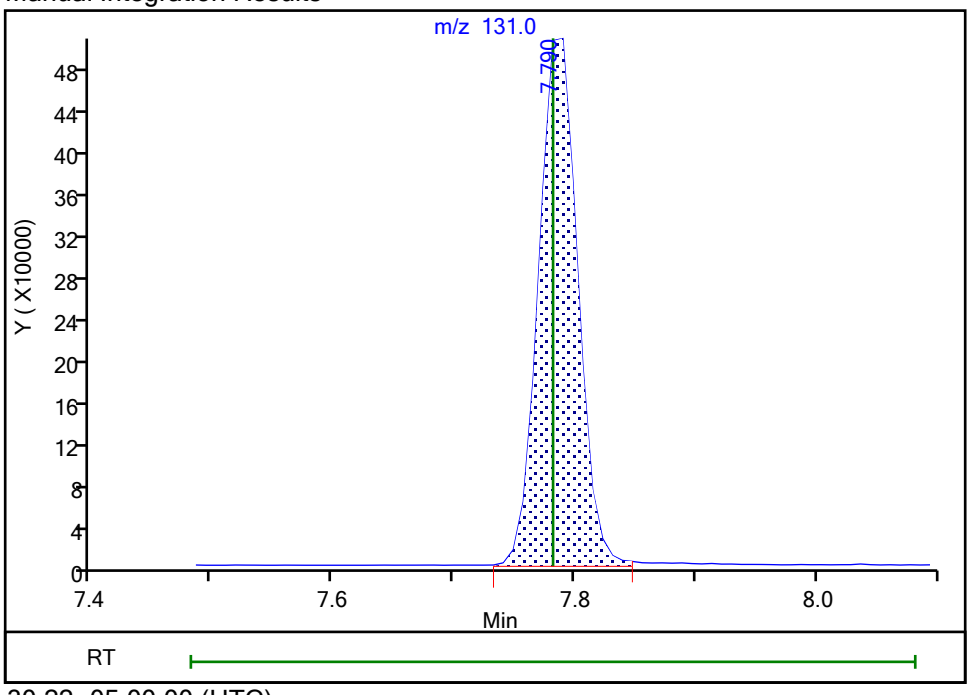
Not Detected
Expected RT: 7.78

Processing Integration Results



Manual Integration Results

RT: 7.79
Area: 1134197
Amount: 215.8484
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:30:22 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

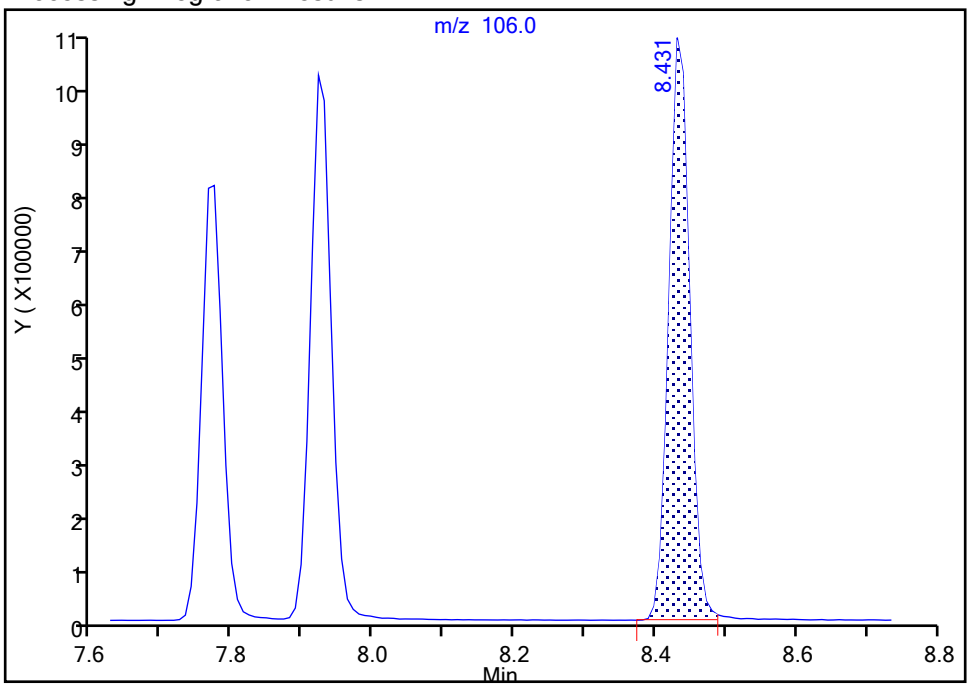
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

93 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

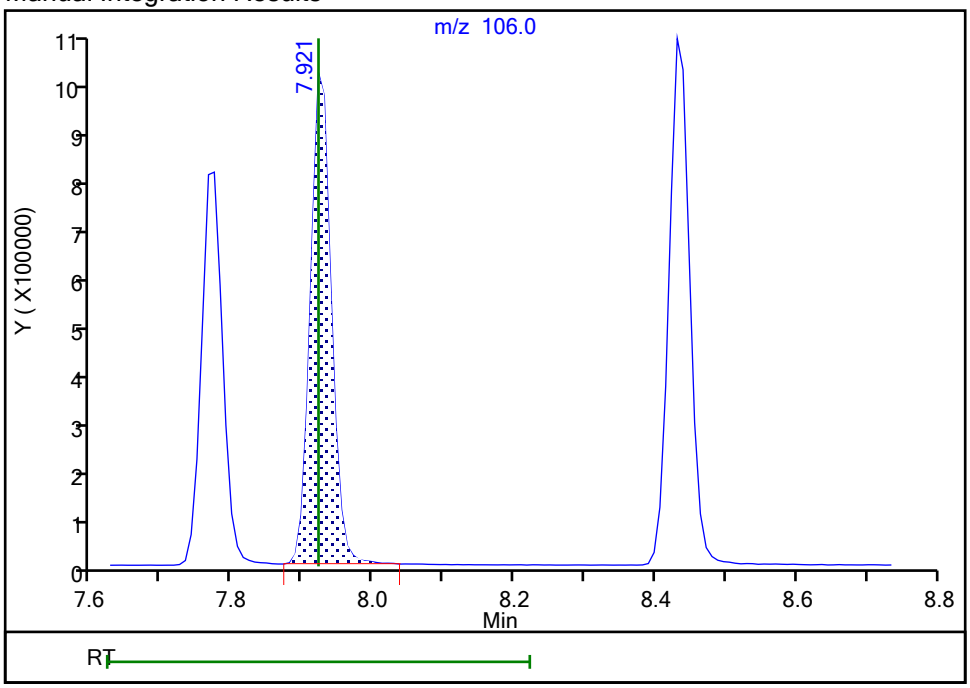
Processing Integration Results

RT: 8.43
Area: 2196336
Amount: 227.8421
Amount Units: ug/l



Manual Integration Results

RT: 7.92
Area: 2078819
Amount: 219.4697
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:13:13 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

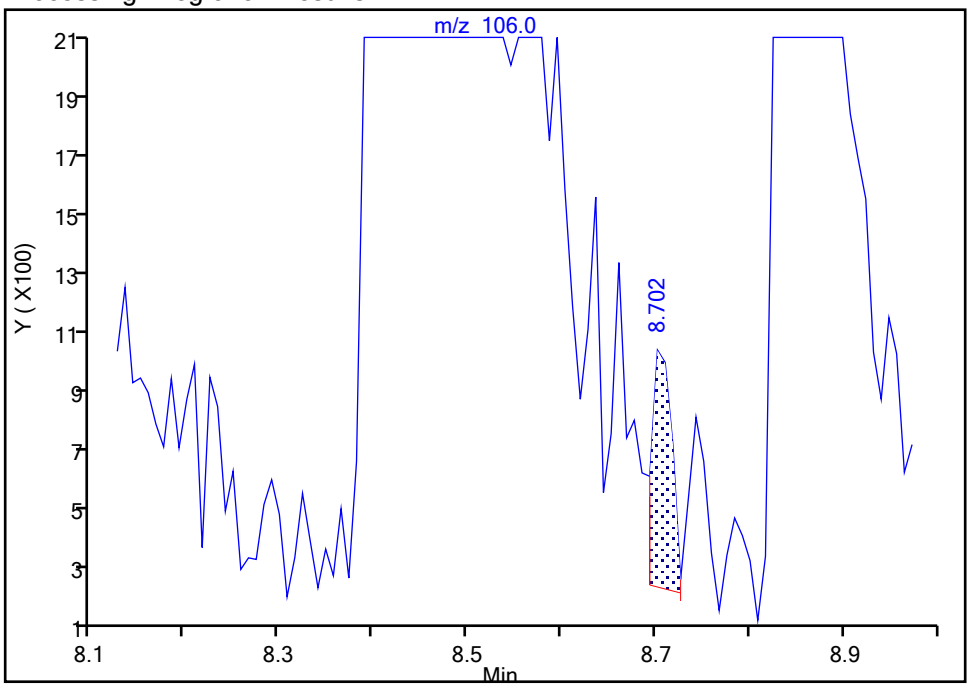
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

95 o-Xylene, CAS: 95-47-6

Signal: 1

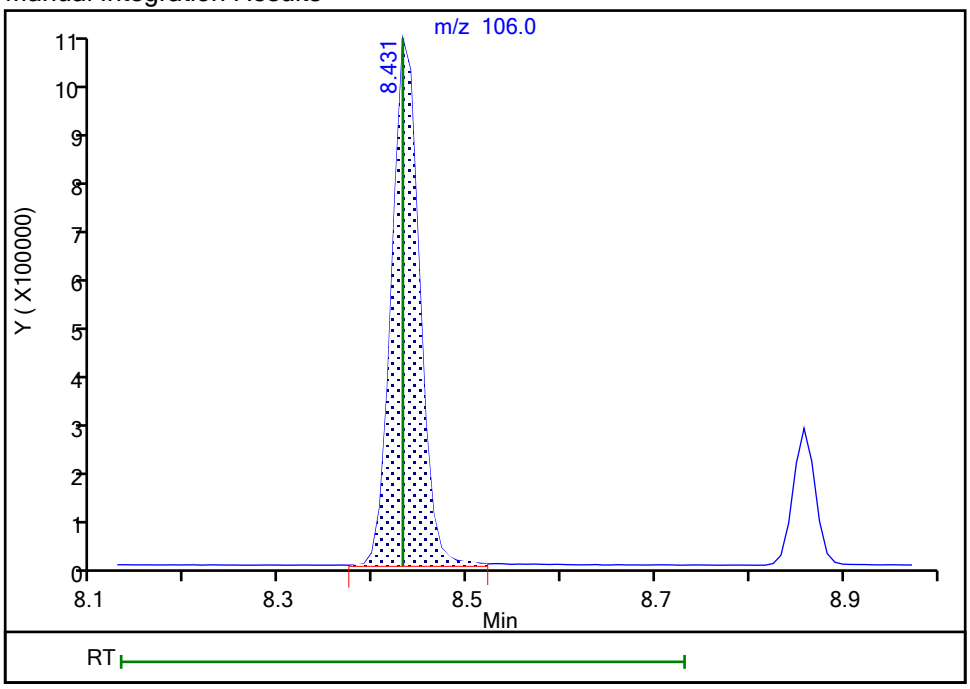
Processing Integration Results

RT: 8.70
Area: 1151
Amount: 0.150991
Amount Units: ug/l



Manual Integration Results

RT: 8.43
Area: 2205028
Amount: 224.2621
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:13:17 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

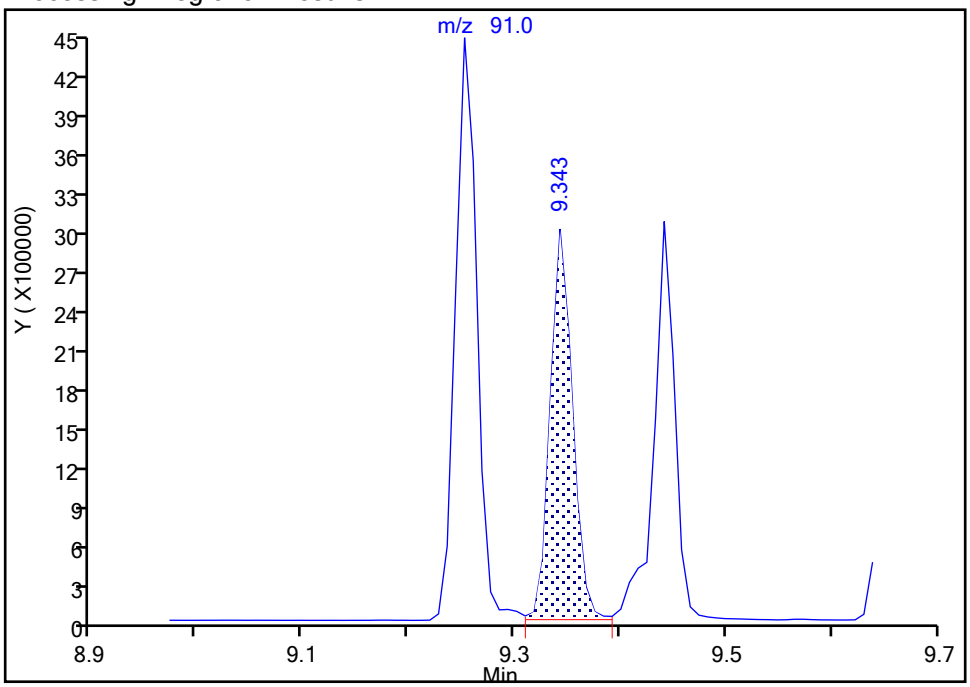
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Signal: 1

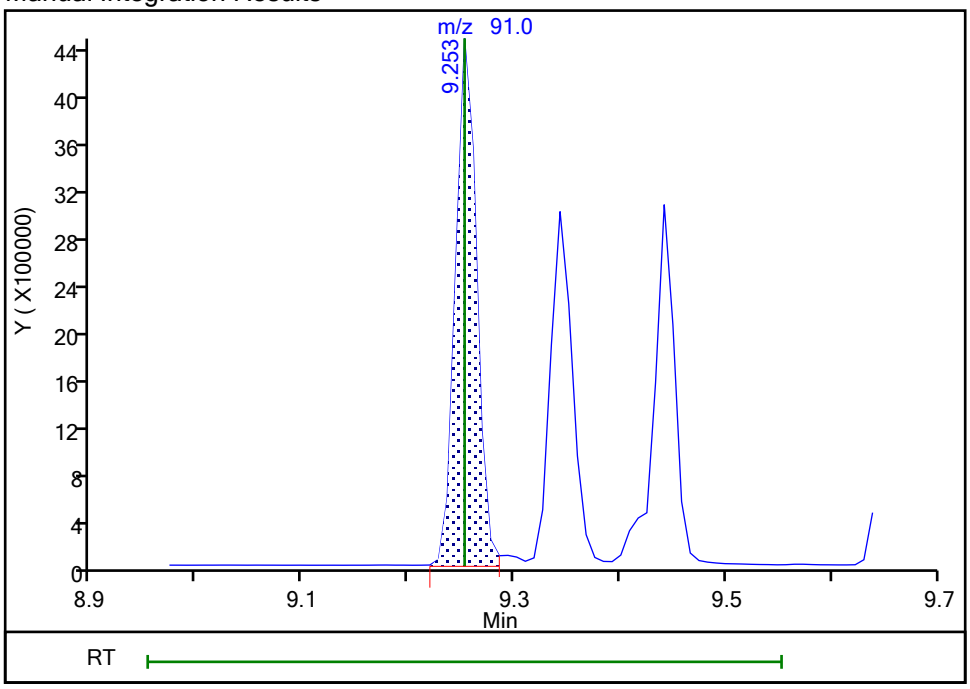
Processing Integration Results

RT: 9.34
Area: 4424316
Amount: 154.4465
Amount Units: ug/l



Manual Integration Results

RT: 9.25
Area: 6230786
Amount: 212.5629
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:13:27 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

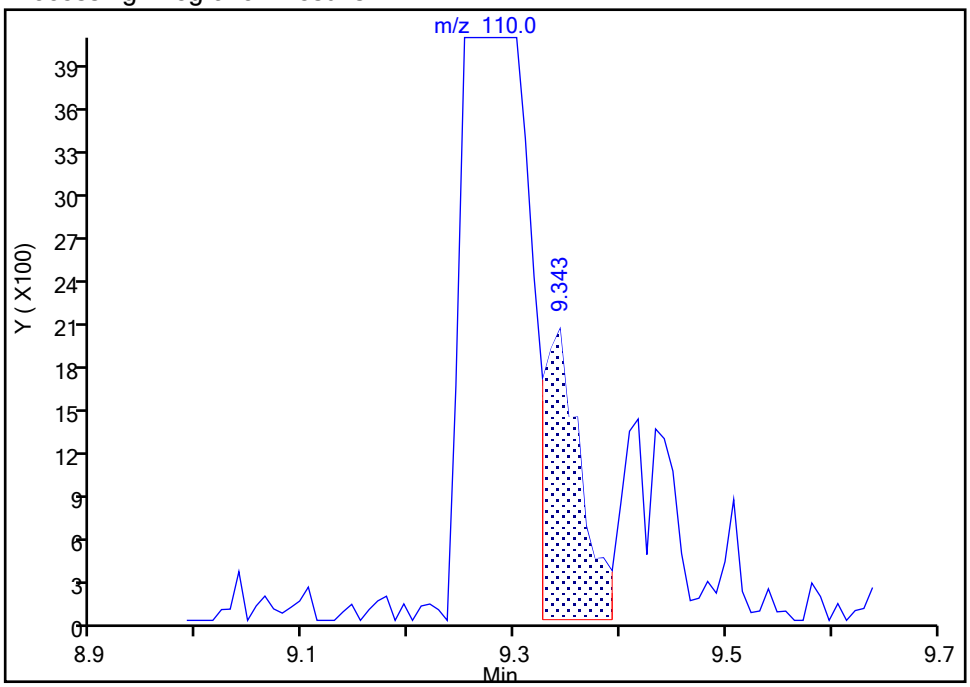
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

104 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

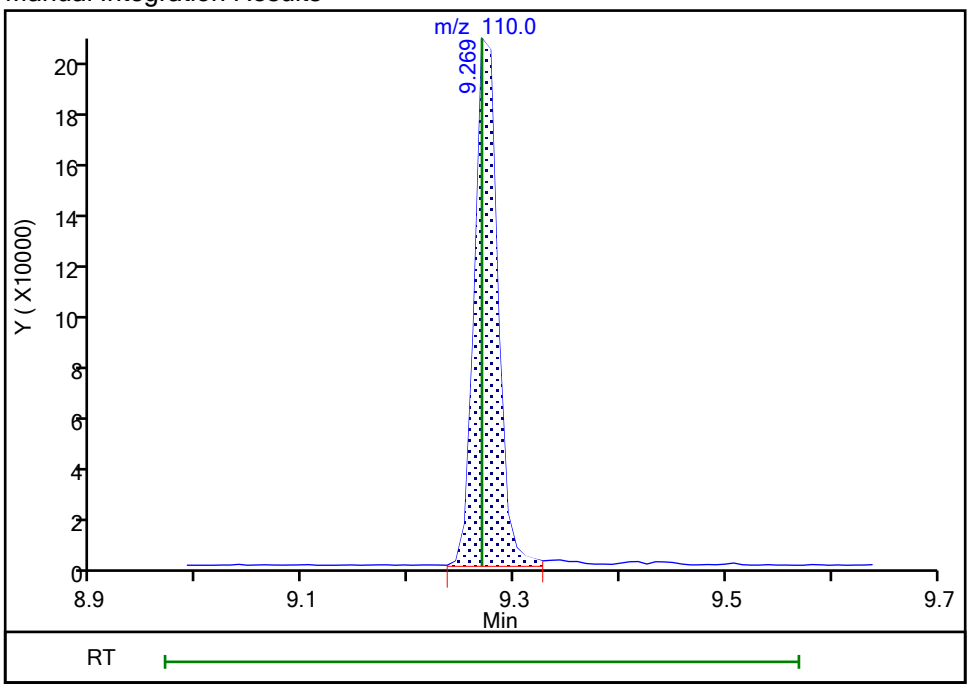
Processing Integration Results

RT: 9.34
Area: 5126
Amount: 4.391020
Amount Units: ug/l



Manual Integration Results

RT: 9.27
Area: 310334
Amount: 212.5919
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:13:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

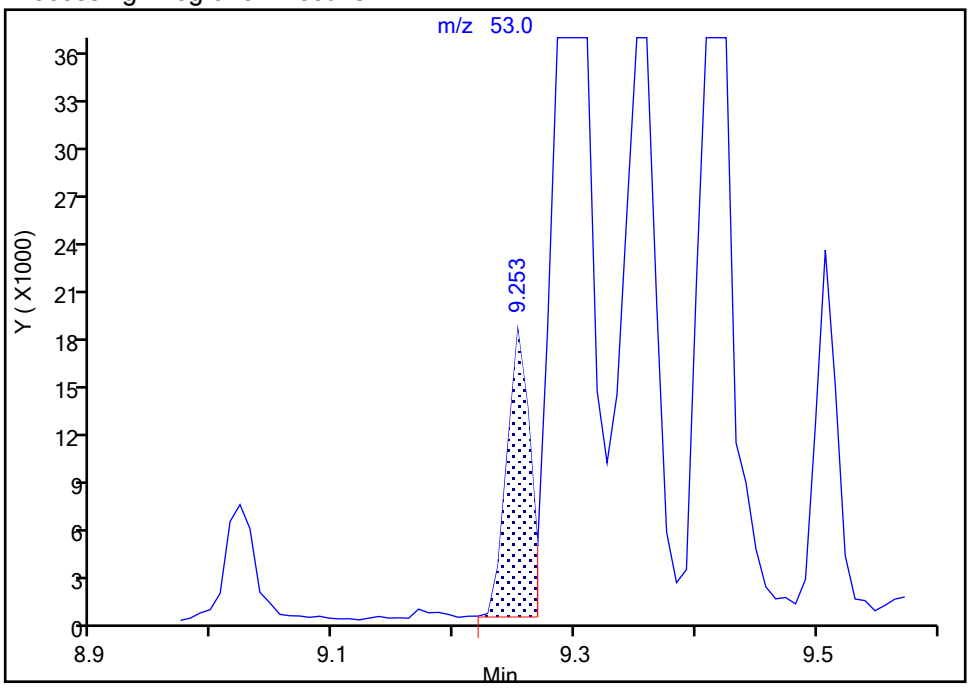
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

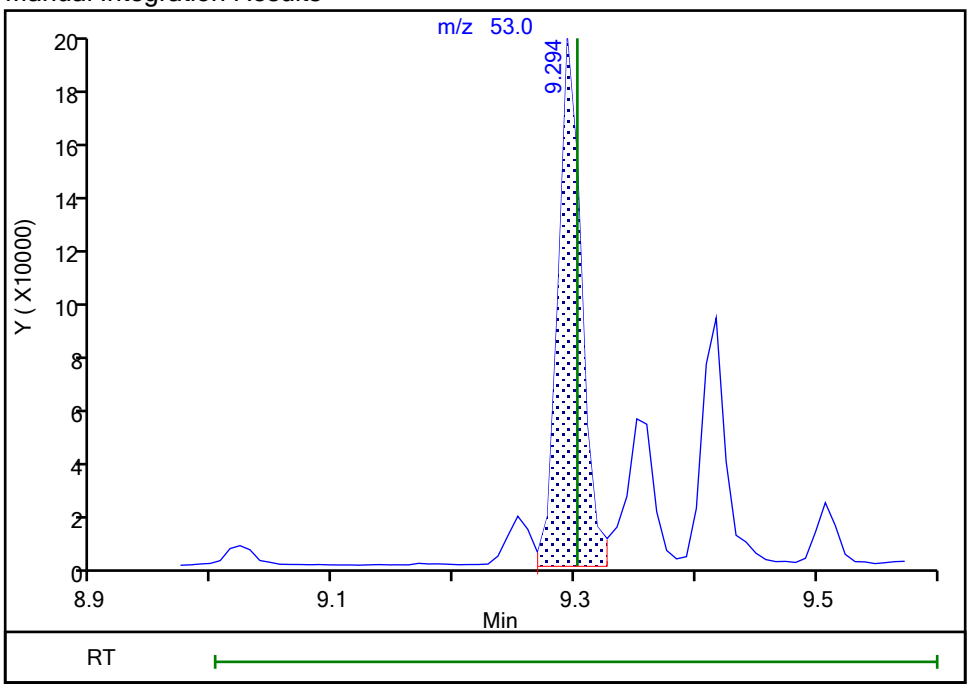
Processing Integration Results

RT: 9.25
Area: 24368
Amount: 28.392285
Amount Units: ug/l



Manual Integration Results

RT: 9.29
Area: 262529
Amount: 236.4946
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:13:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

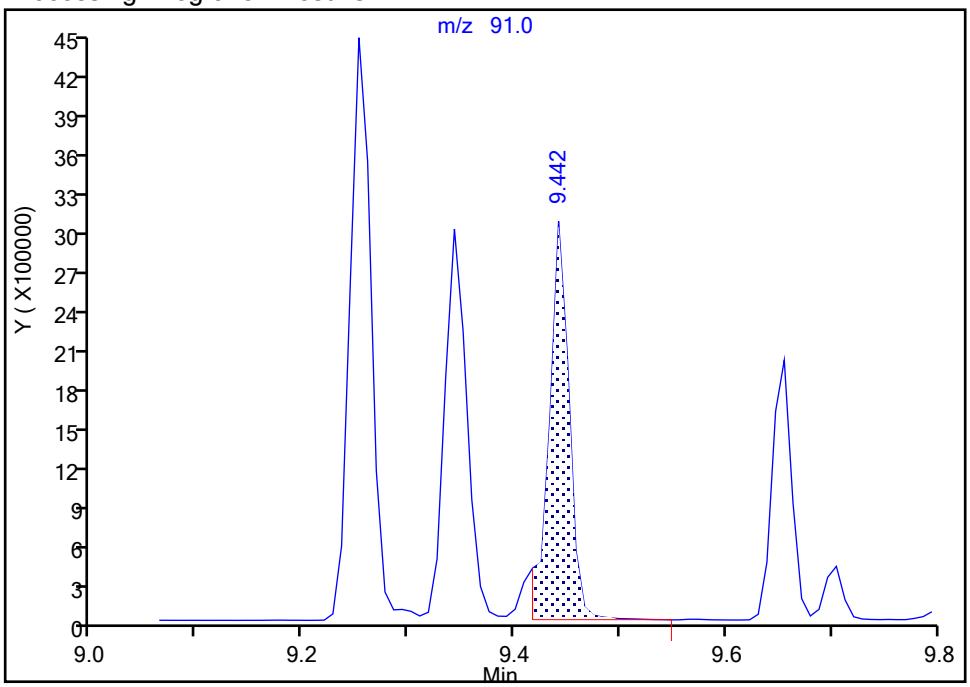
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

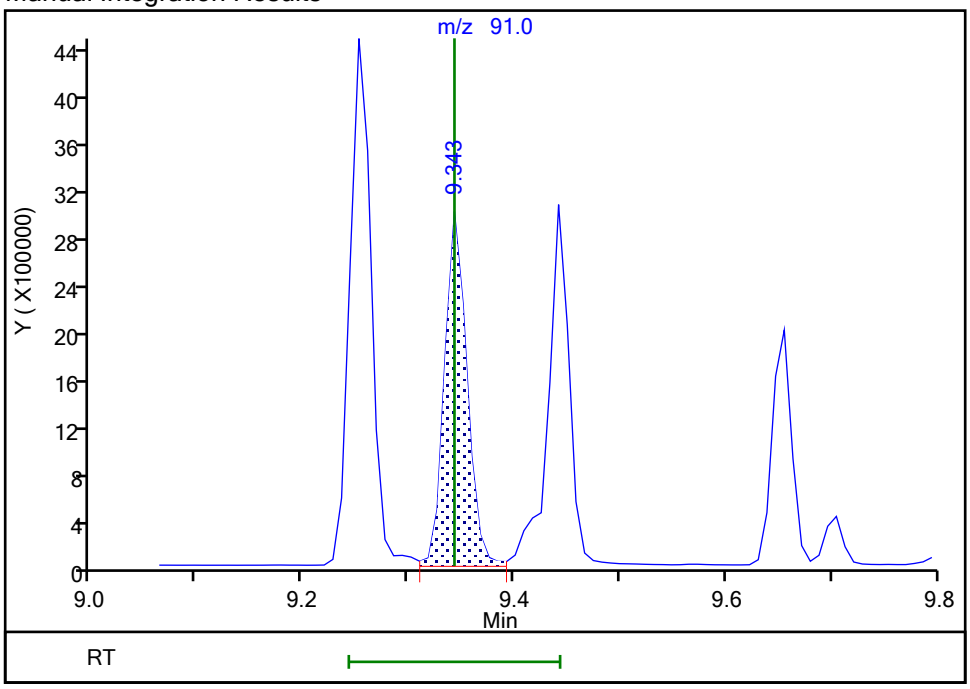
Processing Integration Results

RT: 9.44
Area: 4074906
Amount: 196.6193
Amount Units: ug/l



Manual Integration Results

RT: 9.34
Area: 4419533
Amount: 214.1985
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:13:40 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

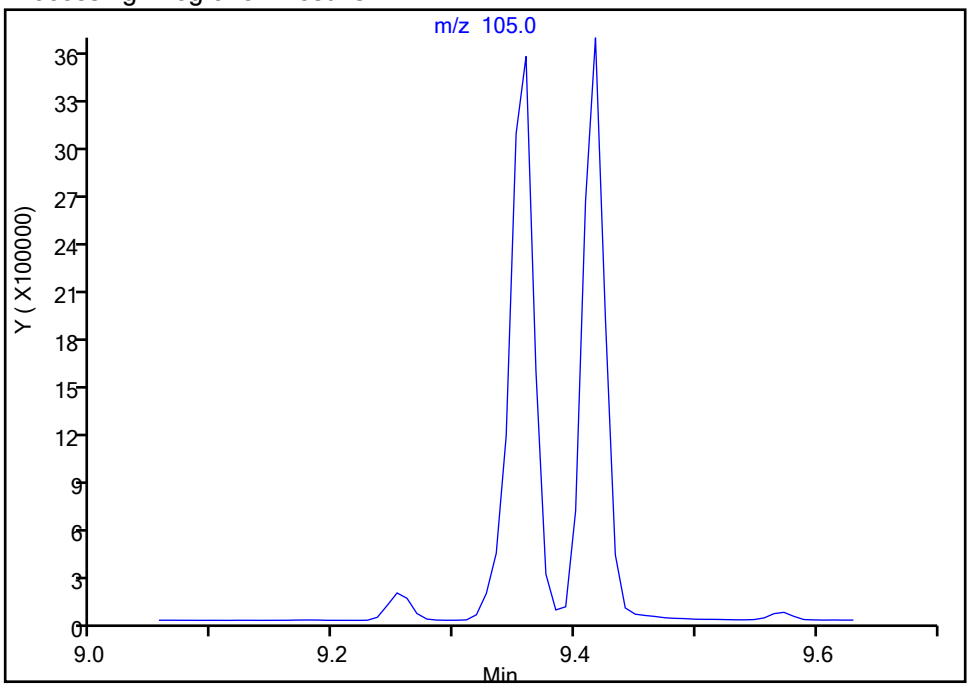
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

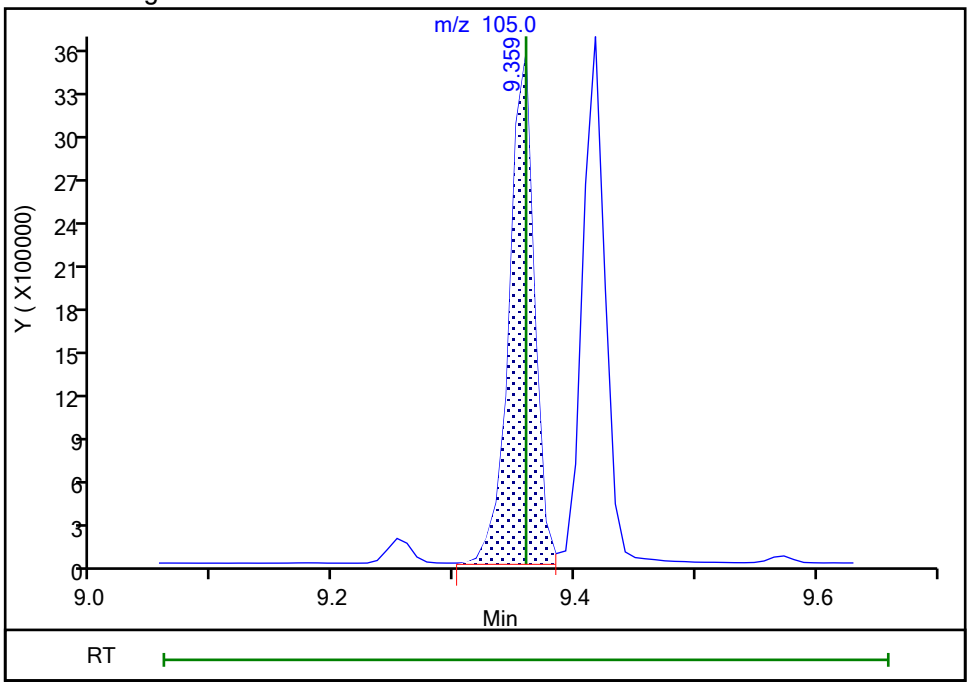
Not Detected
Expected RT: 9.36

Processing Integration Results



Manual Integration Results

RT: 9.36
Area: 5132273
Amount: 217.5547
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:13:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

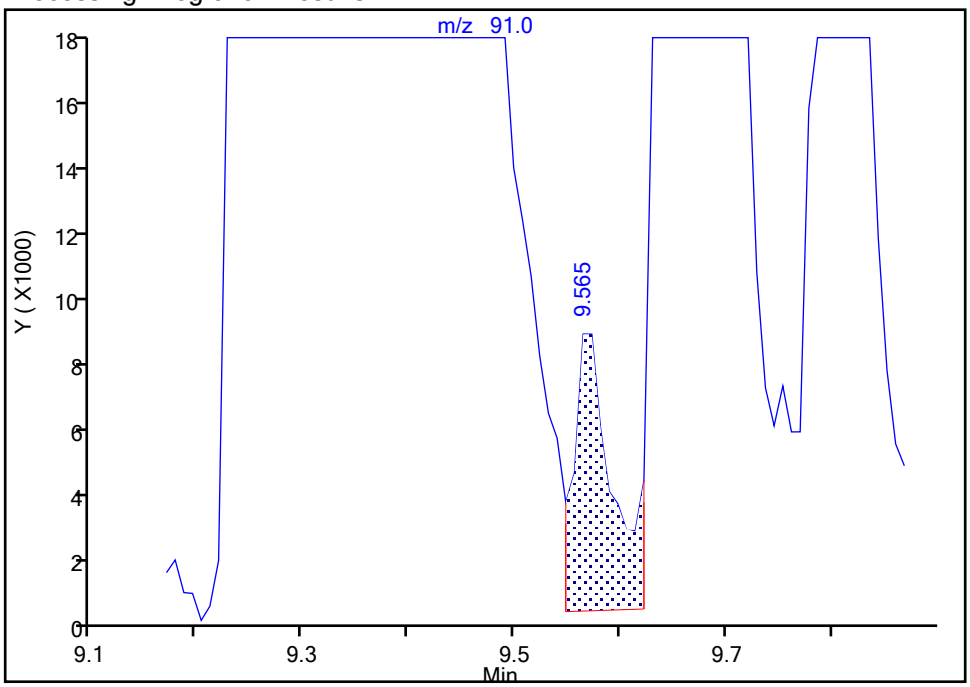
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

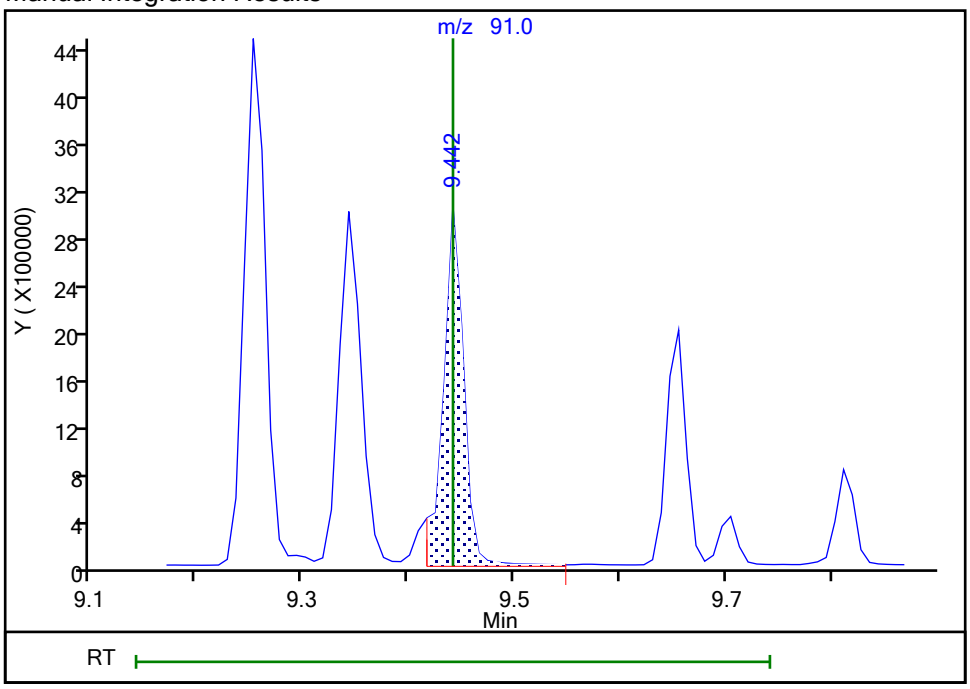
Processing Integration Results

RT: 9.56
Area: 22015
Amount: 1.462560
Amount Units: ug/l



Manual Integration Results

RT: 9.44
Area: 4083241
Amount: 215.3271
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:13:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

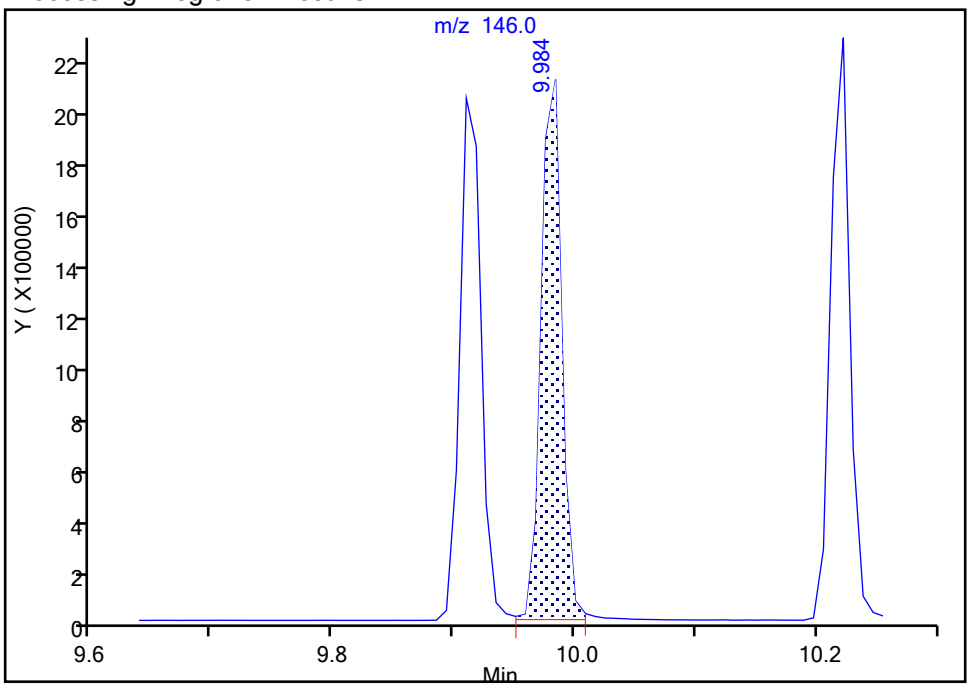
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

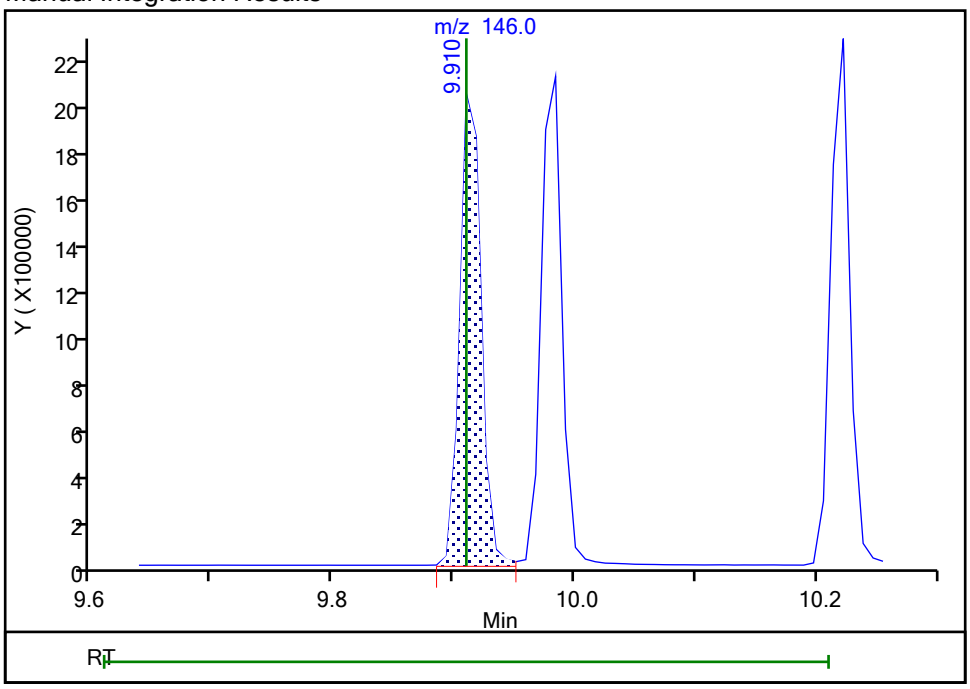
Processing Integration Results

RT: 9.98
Area: 2527329
Amount: 217.3336
Amount Units: ug/l



Manual Integration Results

RT: 9.91
Area: 2510767
Amount: 218.3789
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:14:09 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

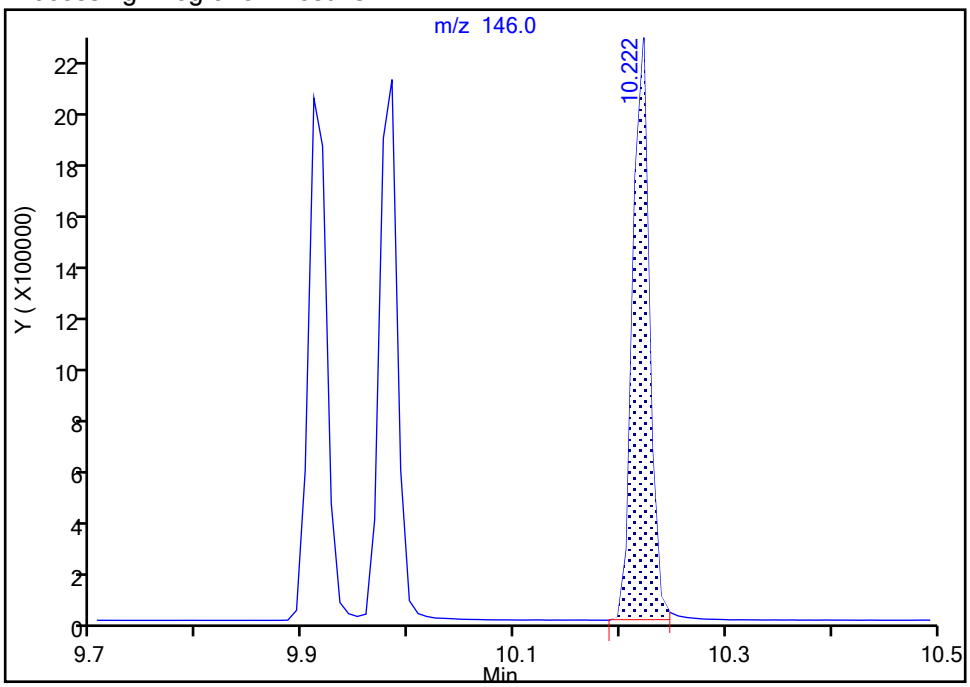
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

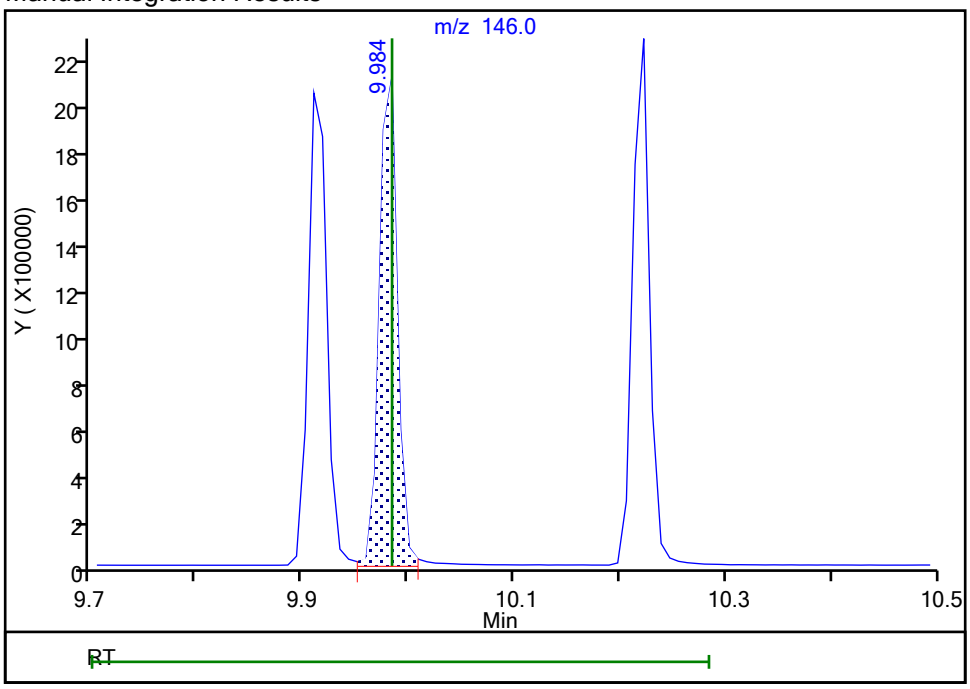
Processing Integration Results

RT: 10.22
Area: 2514591
Amount: 210.1691
Amount Units: ug/l



Manual Integration Results

RT: 9.98
Area: 2527329
Amount: 212.1352
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:14:13 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

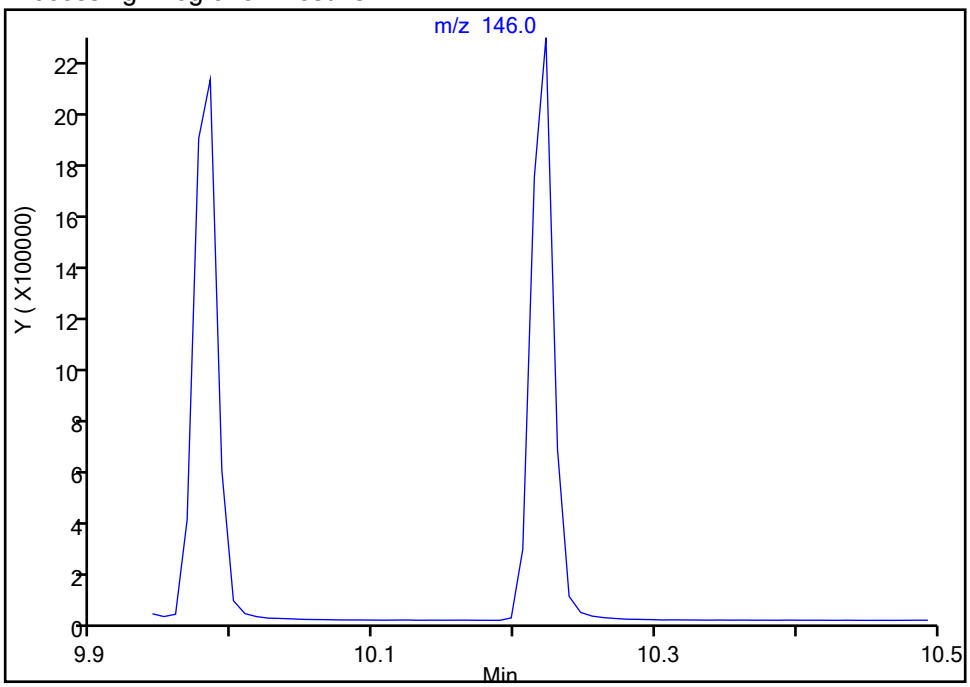
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59229.D
Injection Date: 21-Jan-2026 02:25:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

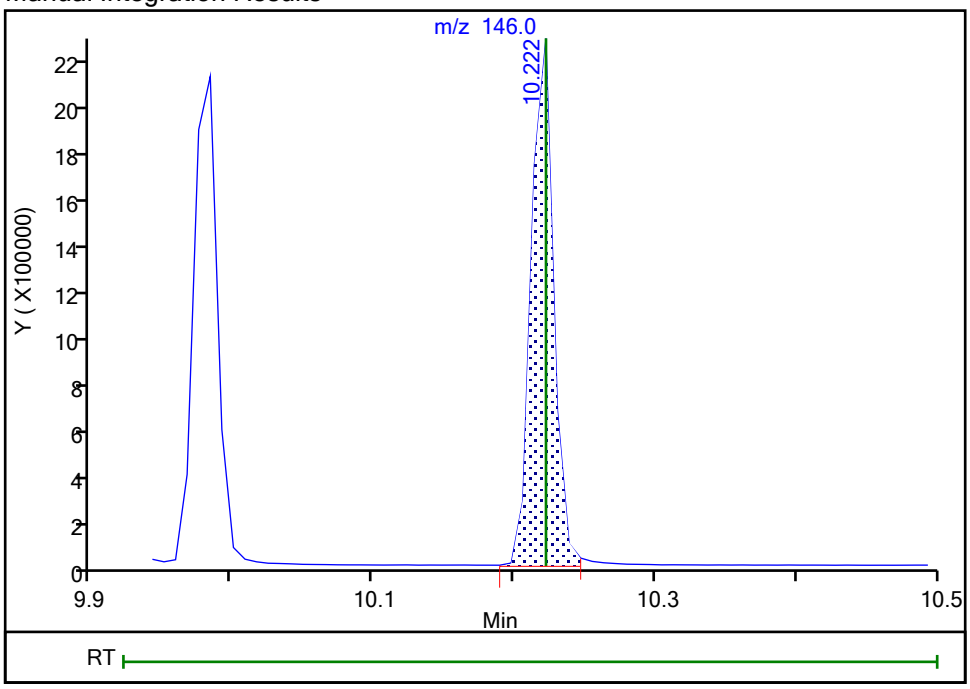
Not Detected
Expected RT: 10.22

Processing Integration Results



Manual Integration Results

RT: 10.22
Area: 2512597
Amount: 214.2656
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:14:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 21-Jan-2026 02:46:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0201827-011
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Jan-2026 11:05:36 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: HVW2 Date: 21-Jan-2026 20:24:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.200	1.208	-0.008	96	3167197	500.0	509.6	
2 Chloromethane	50	1.340	1.356	-0.016	98	3421007	500.0	449.7	
4 Butadiene	54	1.405	1.414	-0.009	93	2835452	500.0	482.0	
3 Vinyl chloride	62	1.422	1.430	-0.008	98	3704393	500.0	473.1	
5 Bromomethane	94	1.627	1.636	-0.009	99	2864661	500.0	477.1	
6 Chloroethane	64	1.685	1.693	-0.008	99	1823609	500.0	449.4	
7 Dichlorofluoromethane	67	1.825	1.833	-0.008	98	5590051	500.0	486.2	
9 Pentane	72	1.849	1.857	-0.008	95	724794	1000.0	990.8	
8 Trichlorofluoromethane	101	1.849	1.866	-0.017	99	3857787	500.0	522.2	
10 Ethanol	46	1.989	1.997	-0.008	84	378882	20000	19772	
11 Ethyl ether	59	1.989	2.005	-0.016	94	1583527	500.0	484.0	
12 2-Methyl-1,3-butadiene	53	2.014	2.022	-0.008	93	1685167	500.0	505.6	
13 1,2-Dichloro-1,1,2-trifluoroetha	117	2.046	2.055	-0.009	88	2376902	500.0	503.4	
14 1,1,1-Trifluoro-2,2-dichloroetha	83	2.087	2.088	-0.001	92	4217201	500.0	506.2	
16 Acrolein	56	2.137	2.145	-0.008	94	221901	400.0	422.3	
15 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.153	2.161	-0.008	89	2766591	500.0	521.9	a
17 1,1-Dichloroethene	96	2.170	2.178	-0.008	95	2555349	500.0	513.3	
18 Acetone	43	2.227	2.244	-0.017	90	2406133	2500.0	2714.8	
20 Iodomethane	142	2.301	2.301	0.000	97	4361645	500.0	489.7	
19 Isopropyl alcohol	45	2.301	2.309	-0.008	97	966834	5000.0	4631.2	
21 Carbon disulfide	76	2.326	2.334	-0.008	98	9513690	500.0	485.1	a
23 3-Chloro-1-propene	39	2.424	2.433	-0.009	96	3455995	500.0	487.9	
22 Methyl acetate	43	2.424	2.433	-0.009	96	2022116	1000.0	887.2	
24 Cyclopentene	67	2.441	2.449	-0.008	94	5892281	500.0	484.4	
32 Acetonitrile	41	2.474	2.498	-0.024	98	2567140	5000.0	5323.6	a
* 25 TBA-d9 (IS)	65	2.531	2.523	0.008	35	282110	1000.0	1000.0	
26 Methylene Chloride	84	2.531	2.539	-0.008	87	2798025	500.0	484.4	
27 2-Methyl-2-propanol	59	2.580	2.581	-0.001	97	1515186	5000.0	4337.8	a
28 Methyl tert-butyl ether	73	2.663	2.663	0.000	96	6595053	500.0	497.7	
29 trans-1,2-Dichloroethene	96	2.687	2.696	-0.009	91	2492581	500.0	475.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	2.737	2.753	-0.016	95	5846092	5000.0	5299.4	
31 Hexane	43	2.811	2.819	-0.008	90	1908811	500.0	486.2	
33 Isopropyl ether	45	2.991	2.991	0.000	95	7651098	500.0	496.6	
35 1,1-Dichloroethane	63	3.016	3.024	-0.008	99	4098665	500.0	469.8	
34 Vinyl acetate	86	3.024	3.032	-0.008	99	874937	1000.0	1218.5	
36 2-Chloro-1,3-butadiene	88	3.057	3.065	-0.008	87	2219422	500.0	483.5	
37 Tert-butyl ethyl ether	59	3.263	3.254	0.008	90	7240580	500.0	498.5	
* 38 2-Butanone-d5	46	3.427	3.435	-0.008	86	267217	250.0	250.0	a
39 2,2-Dichloropropane	97	3.451	3.443	0.008	93	1040998	500.0	500.5	
41 cis-1,2-Dichloroethene	96	3.468	3.468	0.000	98	2838147	500.0	472.8	
40 Ethyl acetate	70	3.476	3.484	-0.008	97	396846	1000.0	957.3	
42 2-Butanone (MEK)	72	3.476	3.484	-0.008	98	1074038	2500.0	2600.7	
43 Methyl acrylate	55	3.525	3.542	-0.017	100	1393474	500.0	525.5	
44 Propionitrile	54	3.591	3.599	-0.008	98	2256450	5000.0	5015.9	a
46 Tetrahydrofuran	42	3.657	3.665	-0.008	88	1203486	1000.0	889.6	a
45 Chlorobromomethane	128	3.665	3.673	-0.008	86	1285319	500.0	518.8	
47 Methacrylonitrile	67	3.682	3.682	0.000	88	7450373	5000.0	5112.5	a
48 Chloroform	83	3.706	3.714	-0.008	99	4109792	500.0	479.9	
49 Cyclohexane	84	3.829	3.830	-0.001	89	4525510	500.0	538.6	
51 1,1,1-Trichloroethane	97	3.838	3.838	0.000	98	4116057	500.0	509.8	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	95	177260	50.0	50.2	
52 Carbon tetrachloride	117	3.945	3.945	-0.001	98	3379877	500.0	519.1	
53 1,1-Dichloropropene	75	3.969	3.969	0.000	98	3343455	500.0	483.9	
134 Isooctane	57	4.125	4.117	0.008	89	10106198	500.0	534.4	
54 Isobutyl alcohol	43	4.076	4.117	-0.041	91	1323021	12500	12475	
55 Benzene	78	4.142	4.142	0.000	97	10121204	500.0	410.2	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	69	194518	50.0	57.8	
57 Isopropyl acetate	87	4.191	4.199	-0.008	96	2184351	500.0	541.7	
58 Tert-amyl methyl ether	73	4.199	4.199	0.000	95	7979923	500.0	505.3	
59 1,2-Dichloroethane	62	4.224	4.224	0.000	95	2525617	500.0	472.3	
60 n-Heptane	57	4.281	4.281	0.000	87	1947681	500.0	551.3	
* 61 Fluorobenzene	96	4.396	4.405	-0.009	99	745080	50.0	50.0	
63 Trichloroethene	95	4.717	4.725	-0.008	99	2630126	500.0	512.9	
62 n-Butanol	56	4.684	4.774	-0.090	83	945030	12500	14971	a
64 Ethyl acrylate	55	4.832	4.832	0.000	99	5931072	500.0	570.6	
65 Methylcyclohexane	83	4.840	4.840	0.000	91	5243070	500.0	553.3	
66 1,2-Dichloropropane	63	4.980	4.988	-0.008	95	2714519	500.0	481.8	
* 67 1,4-Dioxane-d8	96	5.103	5.037	0.066	43	46436	1000.0	1000.0	Ma
68 Methyl methacrylate	100	5.054	5.054	0.000	84	1128213	1000.0	1067.6	
69 1,4-Dioxane	88	5.087	5.095	-0.008	86	433339	10000	6961.6	
71 Dibromomethane	93	5.103	5.111	-0.008	77	1479081	500.0	498.9	
70 n-Propyl acetate	43	5.103	5.111	-0.008	96	2447180	500.0	553.8	
72 Dichlorobromomethane	83	5.243	5.243	0.000	99	3275615	500.0	510.7	
74 2-Nitropropane	41	5.547	5.555	-0.008	95	794496	1000.0	1050.7	
73 2-Chloroethyl vinyl ether	63	5.555	5.563	-0.008	94	1370276	501.2	542.9	
75 Epichlorohydrin	57	5.654	5.662	-0.008	99	3463132	10000	9981.7	
76 cis-1,3-Dichloropropene	75	5.703	5.711	-0.008	88	4231303	500.0	441.2	
77 4-Methyl-2-pentanone (MIBK)	43	5.859	5.859	0.000	93	8661324	2500.0	2621.9	a
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	98	773740	50.0	46.6	
79 Toluene	91	6.007	6.007	0.000	95	11074385	500.0	441.9	
80 trans-1,3-Dichloropropene	75	6.344	6.344	0.000	95	3451665	500.0	485.4	
81 Ethyl methacrylate	69	6.368	6.377	-0.009	87	3108343	500.0	503.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	6.541	6.541	0.000	98	1924798	500.0	503.9	
83 Tetrachloroethene	166	6.582	6.582	0.000	94	2461898	500.0	449.1	
84 1,3-Dichloropropane	76	6.738	6.747	-0.009	90	3555492	500.0	474.1	
85 2-Hexanone	43	6.804	6.812	-0.008	92	5721235	2500.0	2464.3	a
86 n-Butyl acetate	43	6.919	6.927	-0.008	97	3130676	500.0	521.7	
87 Chlorodibromomethane	129	6.960	6.960	0.000	98	2450554	500.0	472.9	
88 Ethylene Dibromide	107	7.108	7.108	0.000	98	2175811	500.0	477.3	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	83	603748	50.0	50.0	
90 Chlorobenzene	112	7.667	7.667	0.000	95	7361290	500.0	483.5	
91 Ethylbenzene	106	7.774	7.774	0.000	97	4416831	500.0	489.3	a
92 1,1,1,2-Tetrachloroethane	131	7.790	7.782	0.008	97	2948934	500.0	484.2	a
93 m-Xylene & p-Xylene	106	7.930	7.922	0.008	98	5343453	500.0	486.8	a
95 o-Xylene	106	8.439	8.431	0.008	95	5713793	500.0	501.4	a
94 n-Butyl acrylate	73	8.439	8.439	0.000	72	2374495	500.0	479.3	
96 Styrene	104	8.472	8.472	0.000	95	8522363	500.0	507.8	
98 Bromoform	173	8.719	8.719	0.000	95	1489235	500.0	543.0	
97 Amyl acetate (mixed isomers)	43	8.727	8.727	0.000	92	4620191	500.0	562.4	
99 Isopropylbenzene	105	8.858	8.858	0.000	96	12209178	500.0	459.1	
$ 100 4-Bromofluorobenzene	174	9.064	9.055	0.009	87	223839	50.0	51.4	
101 Bromobenzene	156	9.179	9.179	0.000	99	3246845	500.0	505.5	
102 1,1,2,2-Tetrachloroethane	83	9.236	9.236	0.000	98	3208030	500.0	490.2	
103 N-Propylbenzene	91	9.253	9.253	0.000	98	13881713	500.0	402.8	ea
104 1,2,3-Trichloropropane	110	9.277	9.269	0.008	96	820495	500.0	478.0	a
105 trans-1,4-Dichloro-2-butene	53	9.294	9.302	-0.008	80	692783	500.0	530.8	
106 2-Chlorotoluene	91	9.343	9.343	0.000	97	10846772	500.0	447.1	a
107 4-Ethyltoluene	105	9.359	9.359	0.000	95	12515413	500.0	451.2	ea
108 1,3,5-Trimethylbenzene	105	9.417	9.417	0.000	95	11039459	500.0	427.9	
109 4-Chlorotoluene	91	9.442	9.442	0.000	95	10705600	500.0	480.1	a
110 Butyl Methacrylate	87	9.507	9.507	0.000	86	5264449	500.0	517.3	
111 tert-Butylbenzene	119	9.655	9.655	0.000	92	9587089	500.0	454.2	
112 1,2,4-Trimethylbenzene	105	9.705	9.705	0.000	95	10864833	500.0	418.4	e
113 sec-Butylbenzene	105	9.811	9.811	0.000	93	12459573	500.0	372.8	e
115 1,3-Dichlorobenzene	146	9.918	9.910	0.008	95	6704169	500.0	495.9	a
114 4-Isopropyltoluene	119	9.918	9.918	0.000	91	11371727	500.0	404.0	e
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	95	346162	50.0	50.0	
117 1,4-Dichlorobenzene	146	9.984	9.984	0.000	94	6680322	500.0	476.9	a
118 1,2,3-Trimethylbenzene	105	10.000	9.992	0.008	94	11173633	500.0	409.6	e
119 Benzyl chloride	91	10.083	10.083	0.000	100	6765166	500.0	485.7	
120 2,3-Dihydroindene	117	10.124	10.124	0.000	94	10021628	500.0	414.3	e
121 p-Diethylbenzene	119	10.165	10.165	0.000	91	8174985	500.0	464.9	
122 n-Butylbenzene	92	10.181	10.181	0.000	89	7263274	500.0	456.4	
123 1,2-Dichlorobenzene	146	10.222	10.222	0.000	95	6474616	500.0	469.6	a
124 1,2,4,5-Tetramethylbenzene	119	10.625	10.625	0.000	89	10684618	500.0	373.4	e
125 1,2-Dibromo-3-Chloropropane	157	10.691	10.691	0.000	93	646632	500.0	466.7	
126 1,3,5-Trichlorobenzene	180	10.773	10.765	0.008	97	5359012	500.0	458.3	
127 1,2,4-Trichlorobenzene	180	11.110	11.110	0.000	95	4775154	500.0	439.3	
128 Hexachlorobutadiene	225	11.167	11.167	0.000	93	1929727	500.0	477.1	
129 Naphthalene	128	11.249	11.249	0.000	98	9323503	500.0	382.1	
130 1,2,3-Trichlorobenzene	180	11.389	11.389	0.000	96	3955579	500.0	404.6	
S 131 1,2-Dichloroethene, Total	100				0		1000.0	948.0	
S 132 Total BTEX	1				0		2500.0	2329.5	
S 133 Xylenes, Total	100				0		1000.0	988.2	

QC Flag Legend

Processing Flags

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00193	Amount Added:	40.00	Units: uL	
GAS Hi_00516	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00170	Amount Added:	50.00	Units: uL	
MIX I Hi_00197	Amount Added:	50.00	Units: uL	
7 Freons Hi_00036	Amount Added:	50.00	Units: uL	
Ethanol mix_00110	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00085	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 24-Jan-2026 11:05:36 Chrom Revision: 2.3 27-Dec-2025 13:45:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6 Operator ID:

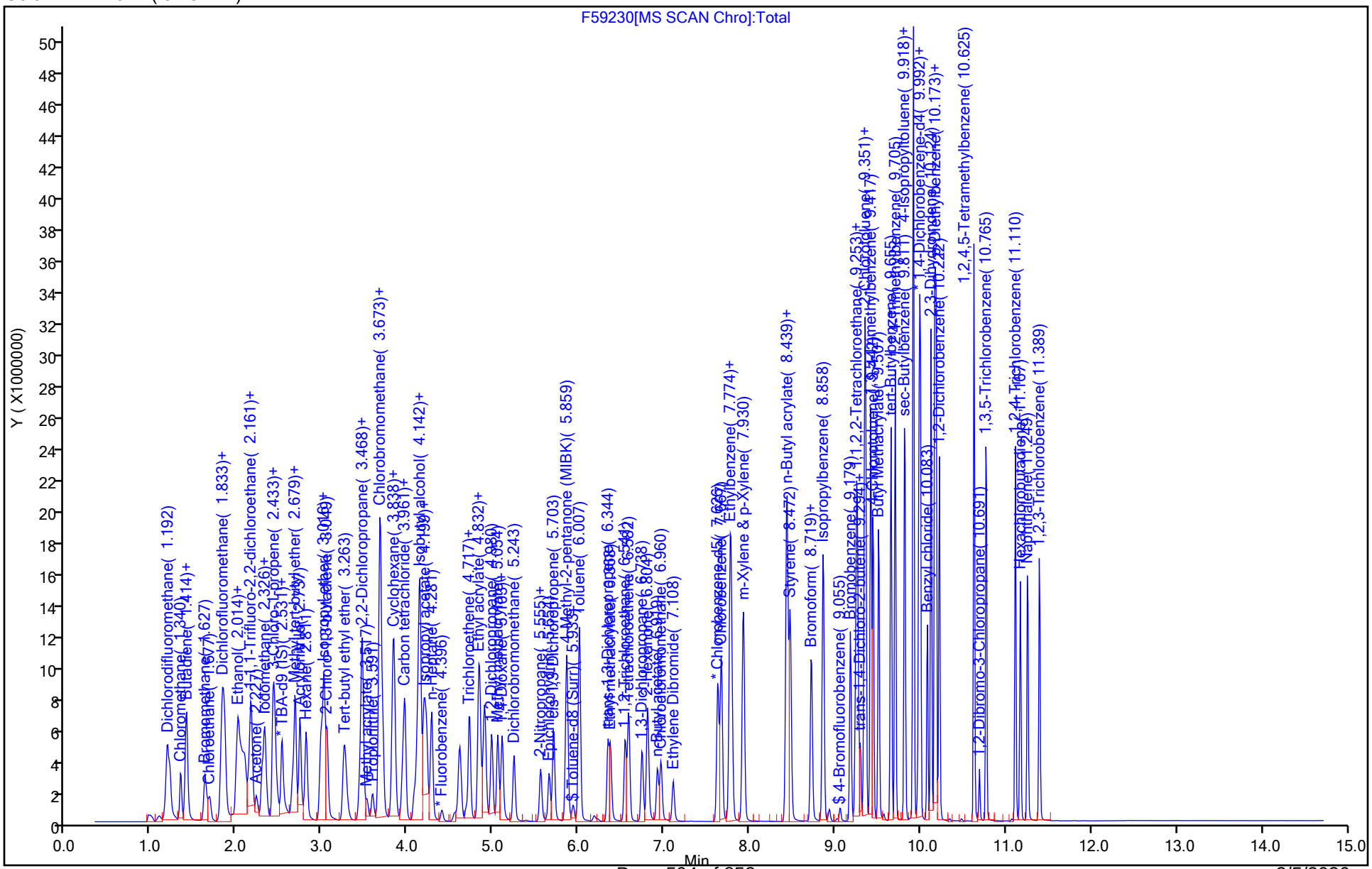
Lims ID: STD500 Worklist Smp#: 11

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

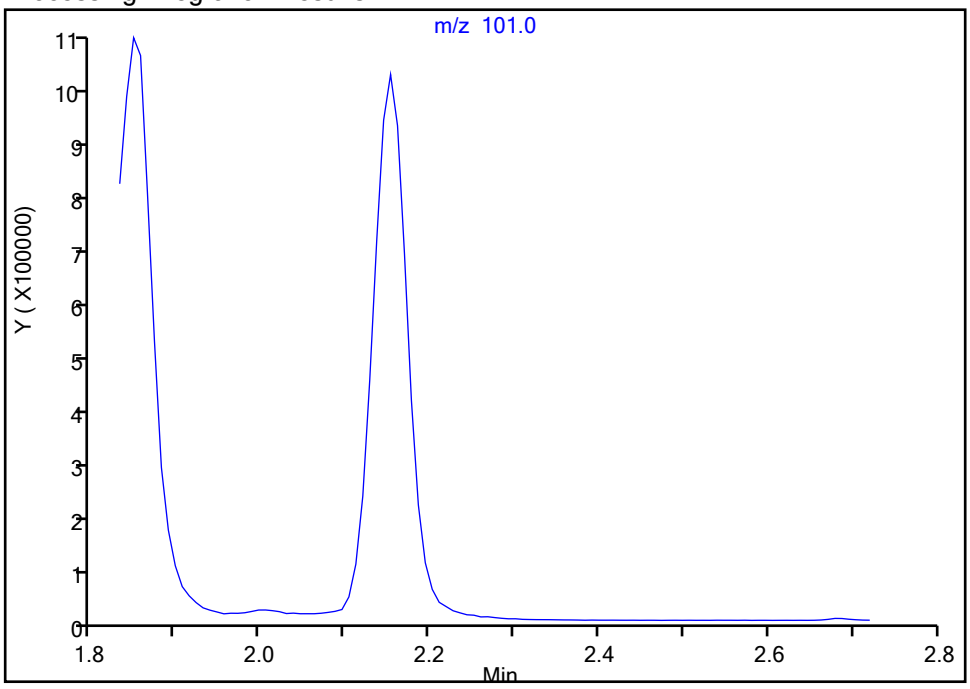
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

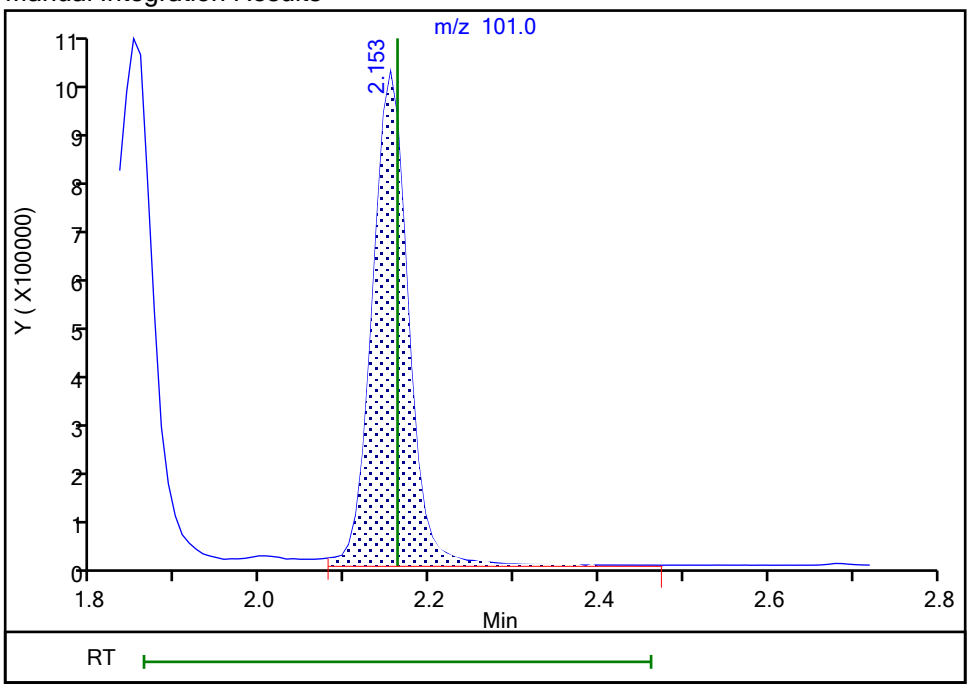
Not Detected
Expected RT: 2.16

Processing Integration Results



Manual Integration Results

RT: 2.15
Area: 2766591
Amount: 521.8986
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:15:39 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

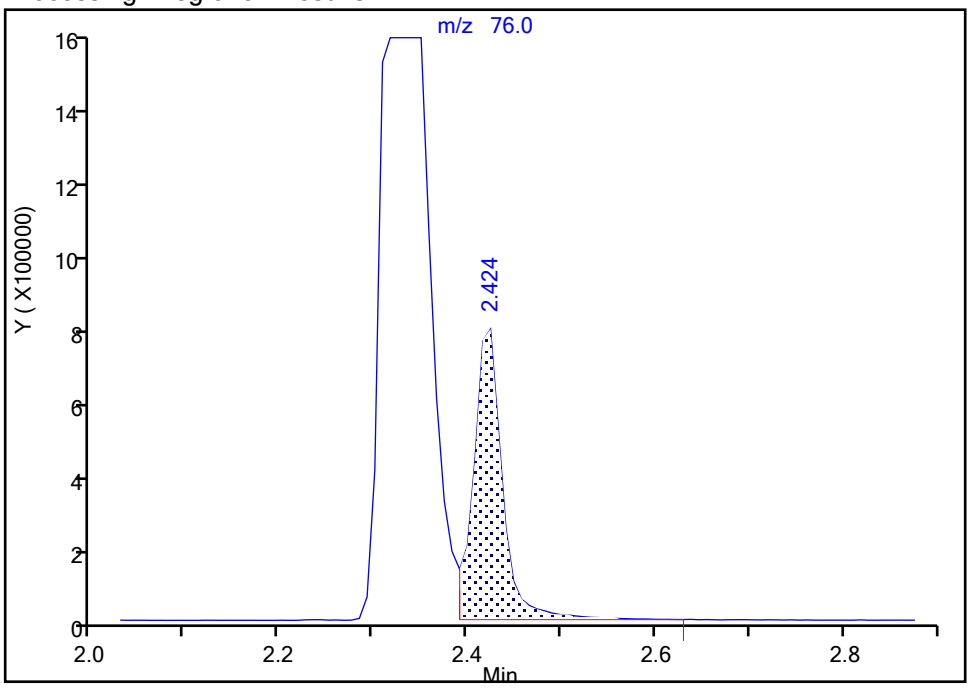
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 Carbon disulfide, CAS: 75-15-0

Signal: 1

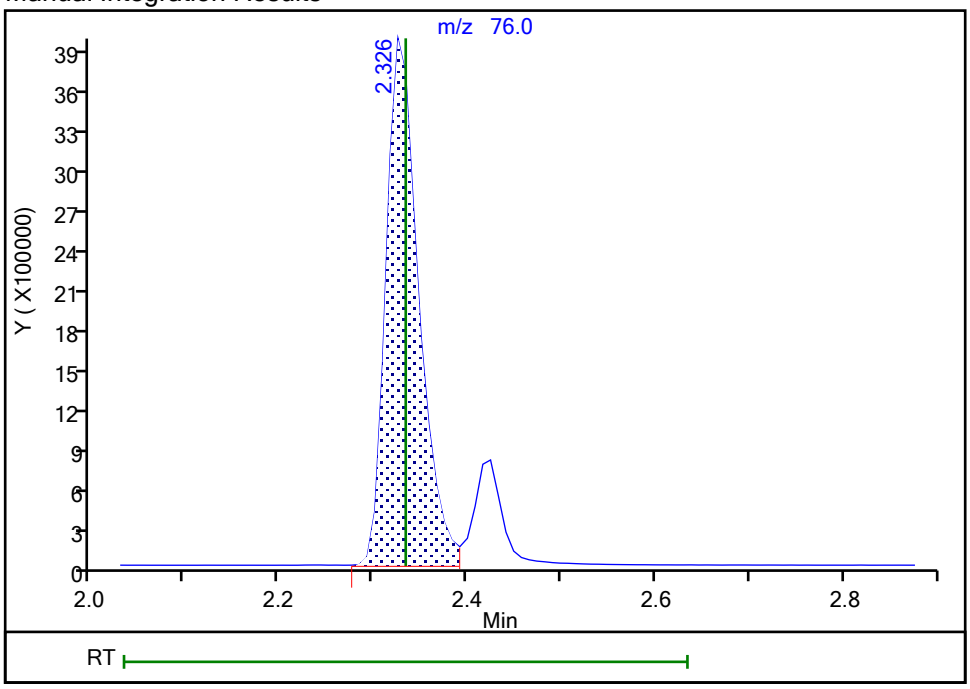
Processing Integration Results

RT: 2.42
Area: 1709147
Amount: 499.9310
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 9513690
Amount: 485.0565
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:15:52 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

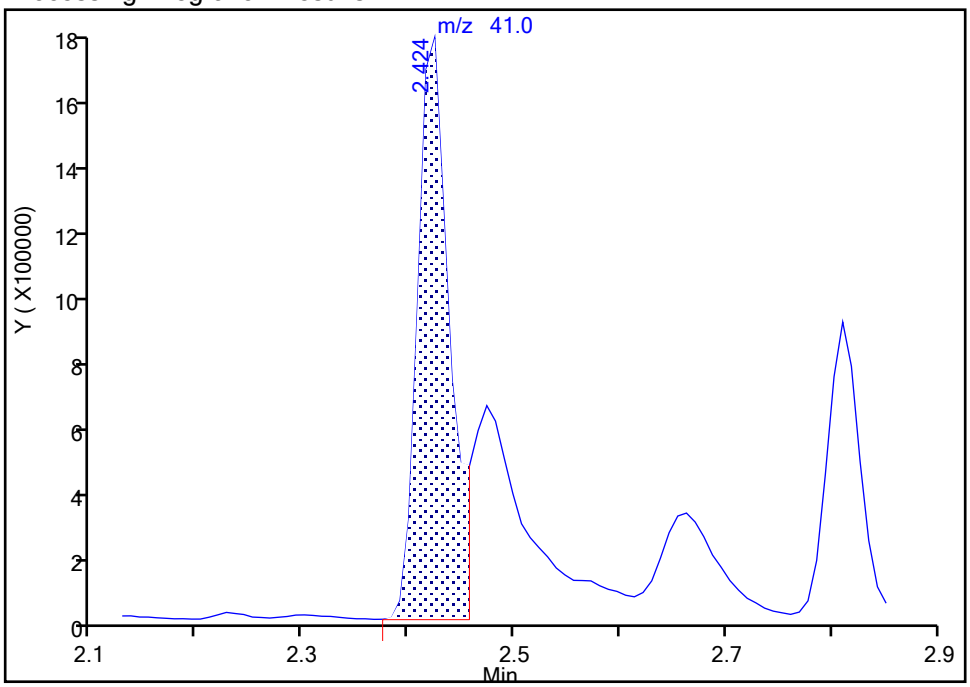
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Acetonitrile, CAS: 75-05-8

Signal: 1

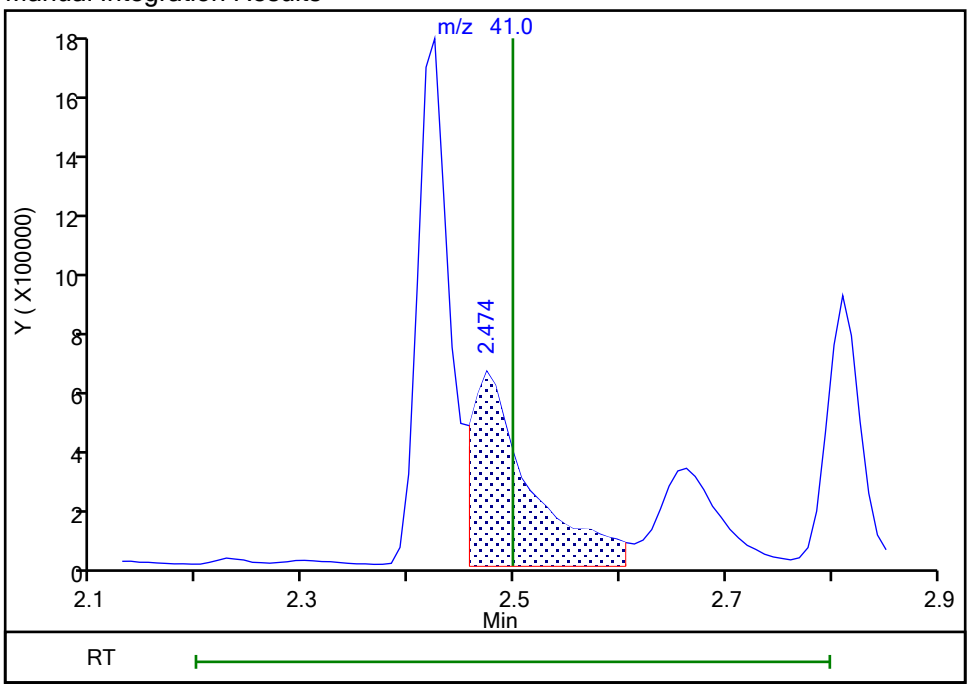
Processing Integration Results

RT: 2.42
Area: 3834246
Amount: 4977.0934
Amount Units: ug/l



Manual Integration Results

RT: 2.47
Area: 2567140
Amount: 5323.5989
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:16:01 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

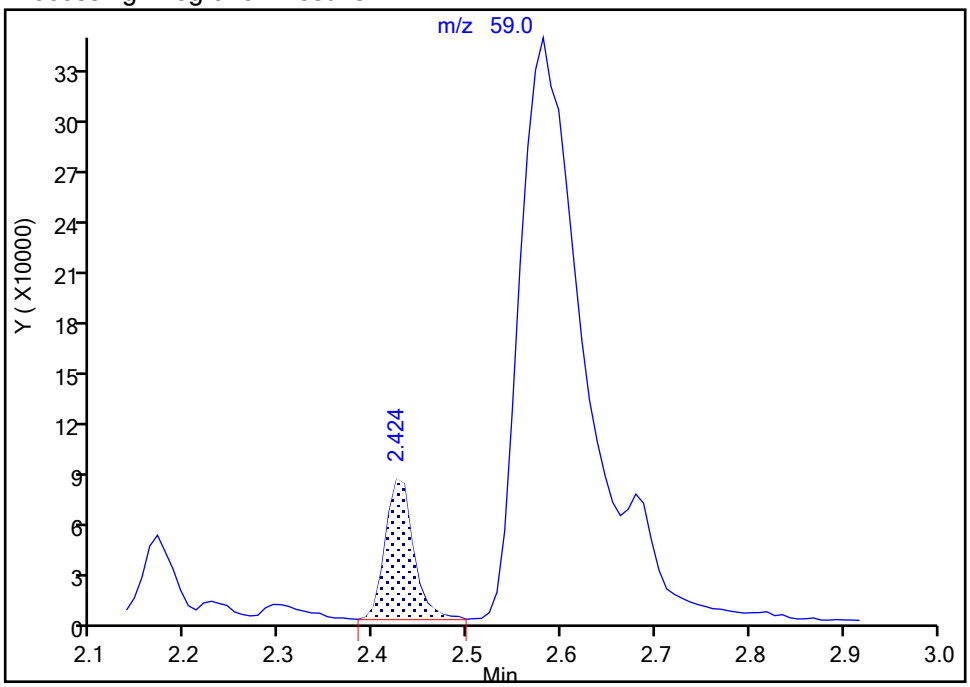
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

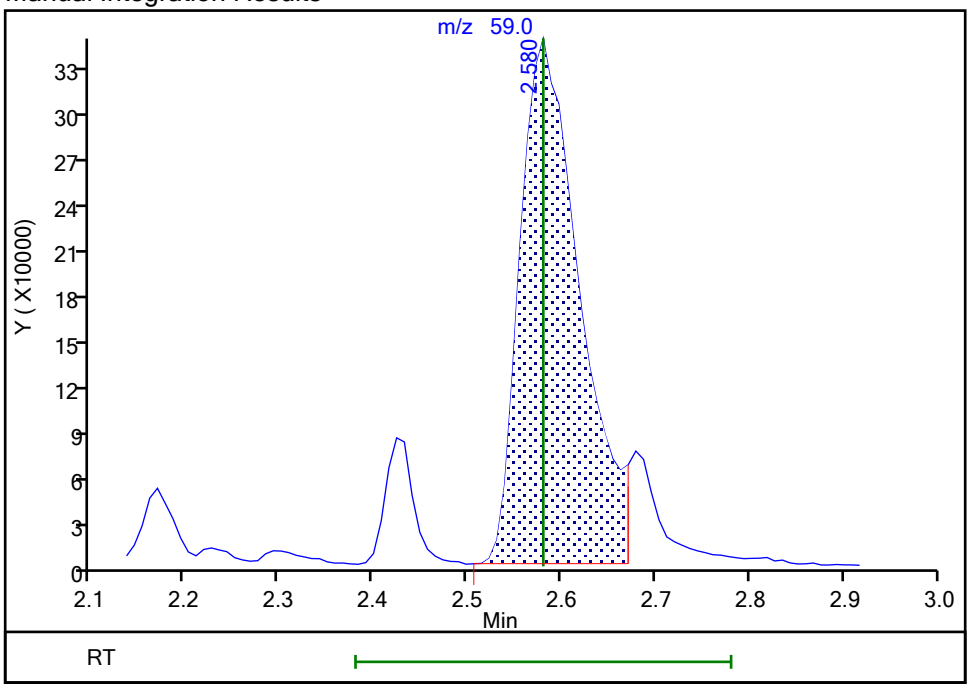
Processing Integration Results

RT: 2.42
Area: 170652
Amount: 677.4882
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 1515186
Amount: 4337.7932
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:16:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

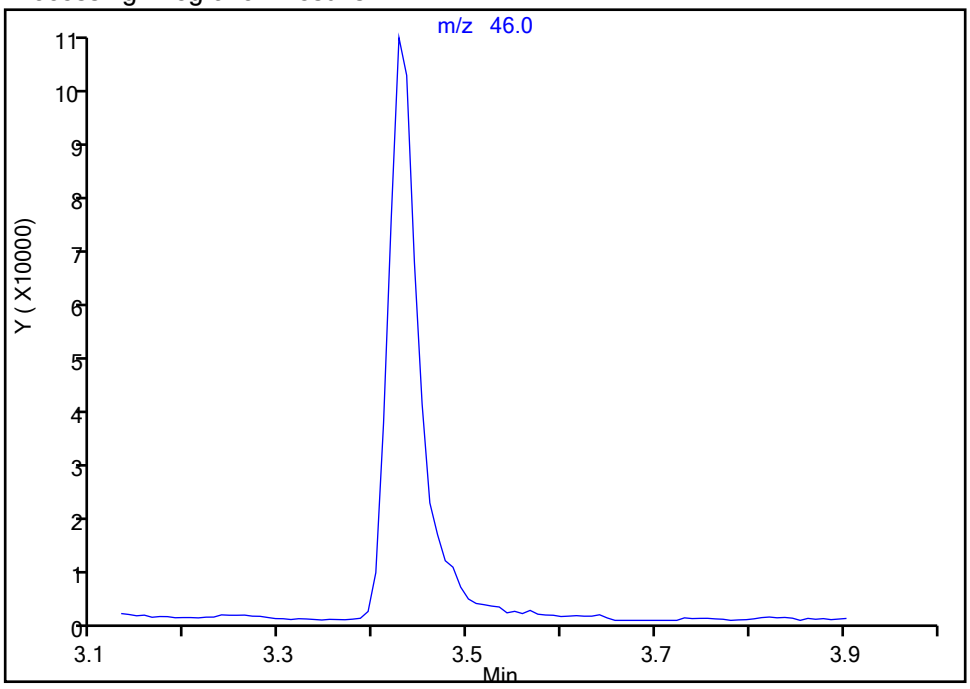
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 38 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

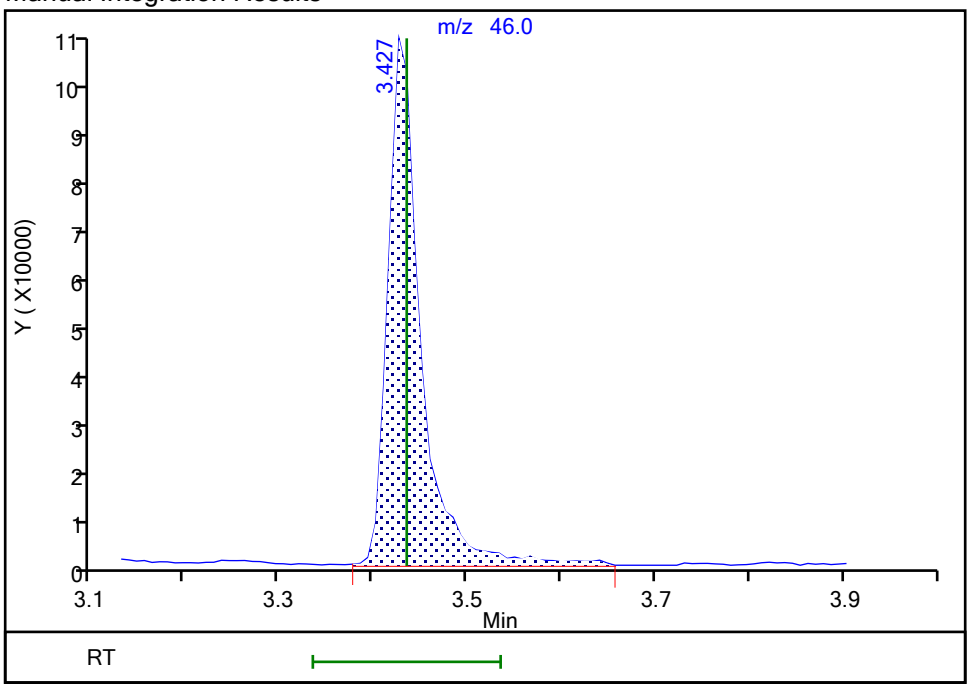
Not Detected
Expected RT: 3.44

Processing Integration Results



RT: 3.43
Area: 267217
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: HVW2, 21-Jan-2026 20:14:33 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

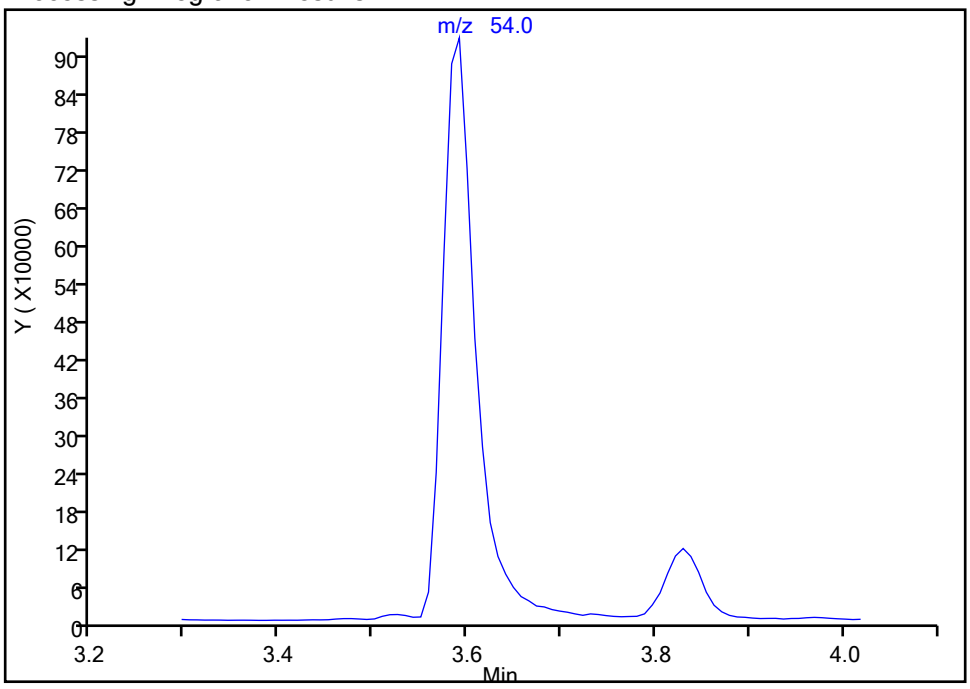
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

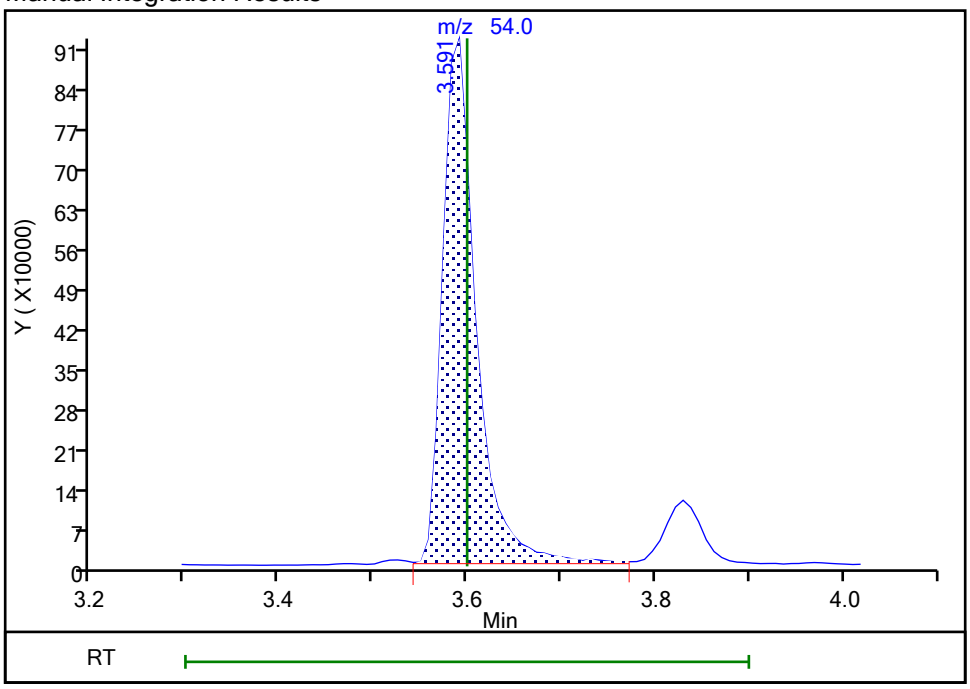
Not Detected
Expected RT: 3.60

Processing Integration Results



Manual Integration Results

RT: 3.59
Area: 2256450
Amount: 5015.9401
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:16:23 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

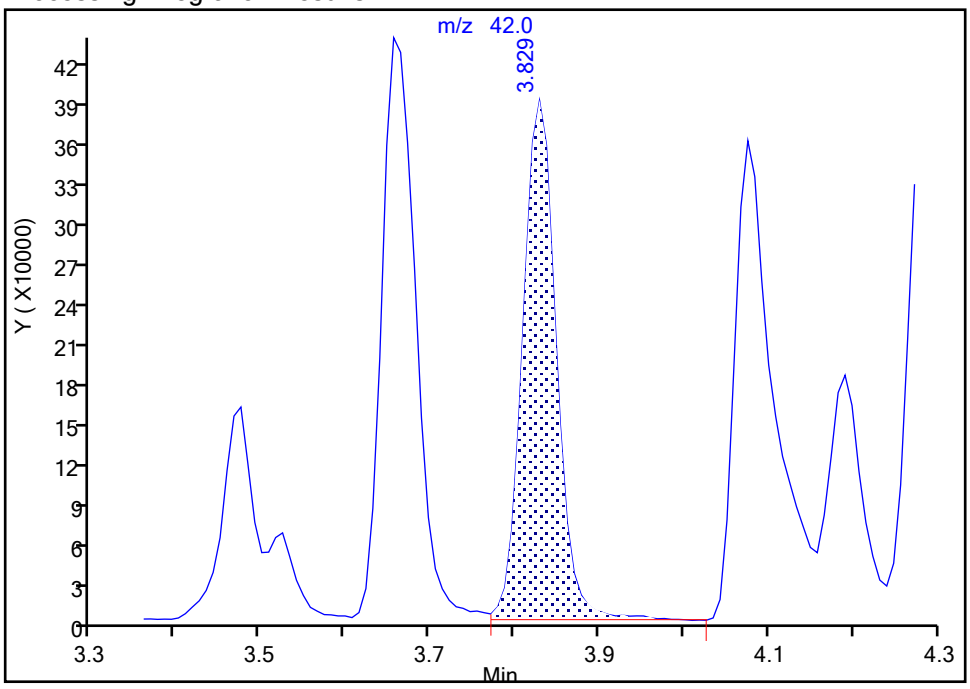
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

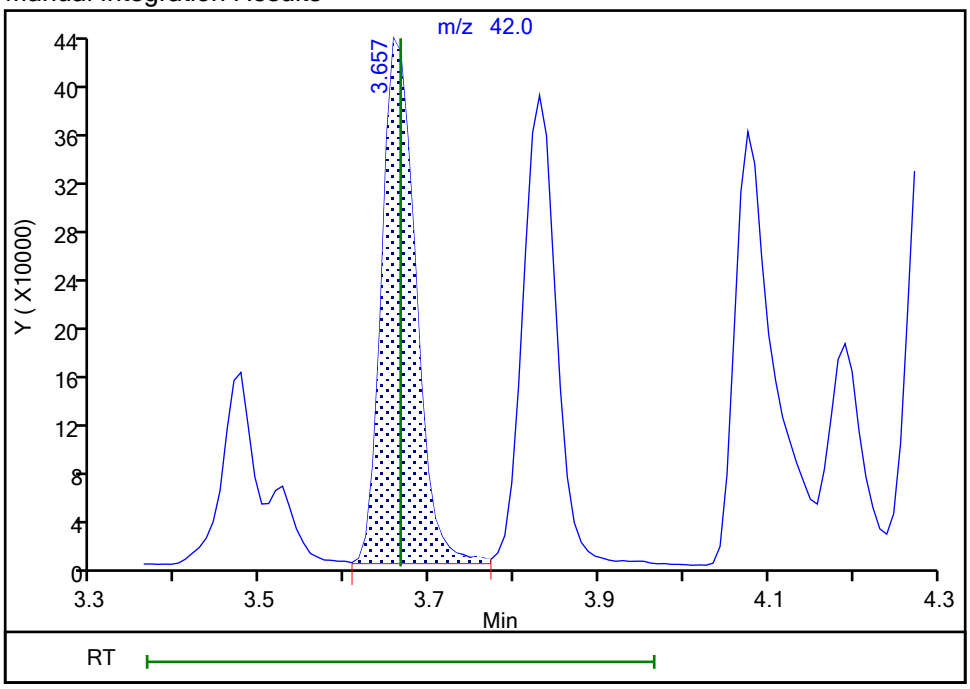
Processing Integration Results

RT: 3.83
Area: 1076968
Amount: 808.6573
Amount Units: ug/l



Manual Integration Results

RT: 3.66
Area: 1203486
Amount: 889.5707
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:33:46 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

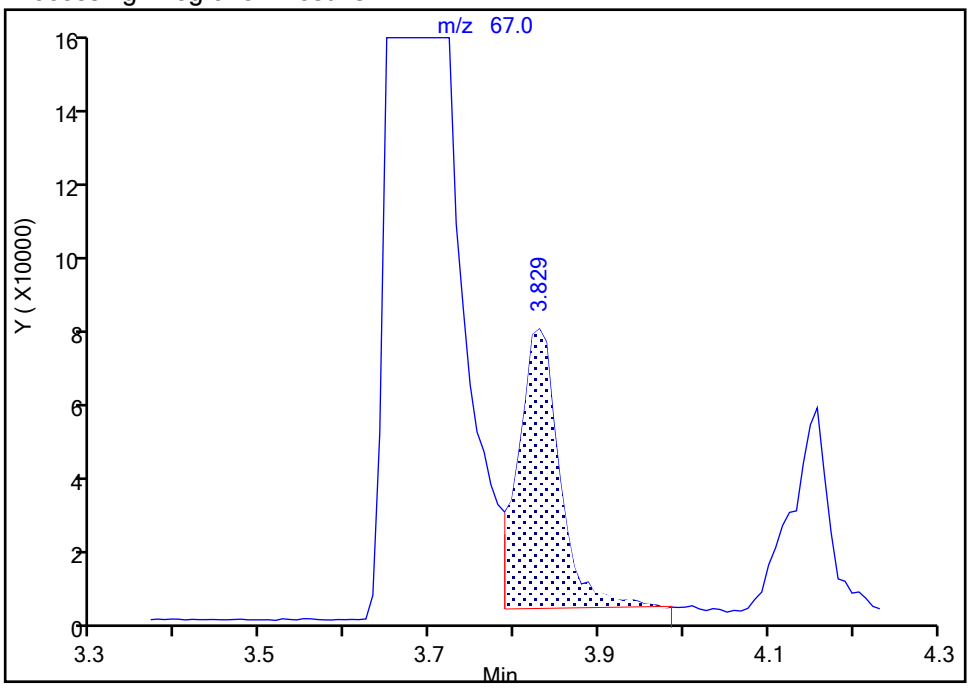
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methacrylonitrile, CAS: 126-98-7

Signal: 1

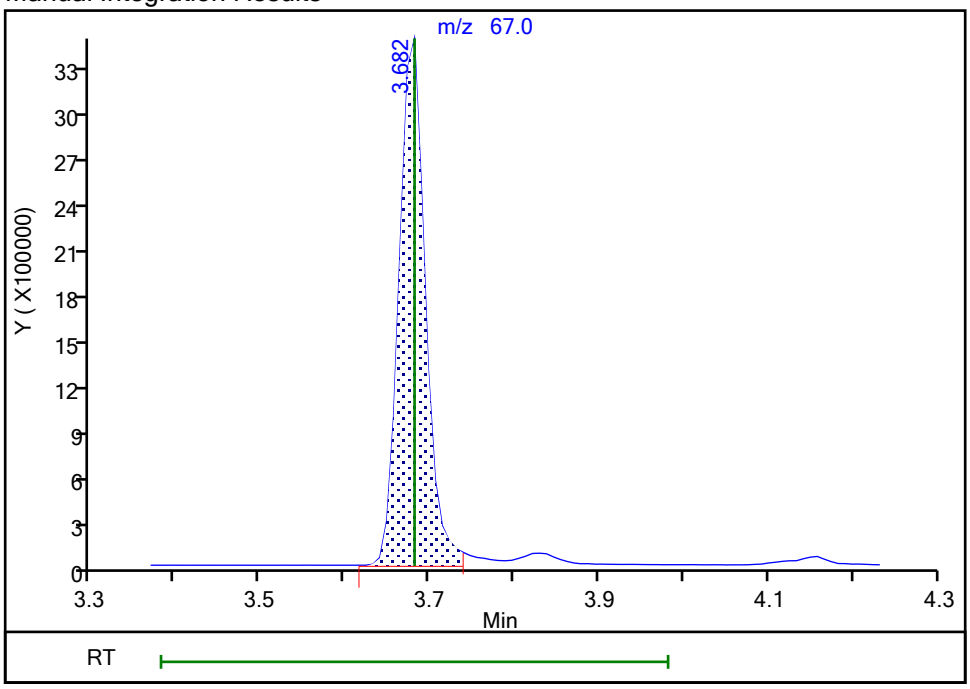
Processing Integration Results

RT: 3.83
Area: 261000
Amount: 242.5990
Amount Units: ug/l



Manual Integration Results

RT: 3.68
Area: 7450373
Amount: 5112.4805
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:16:29 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

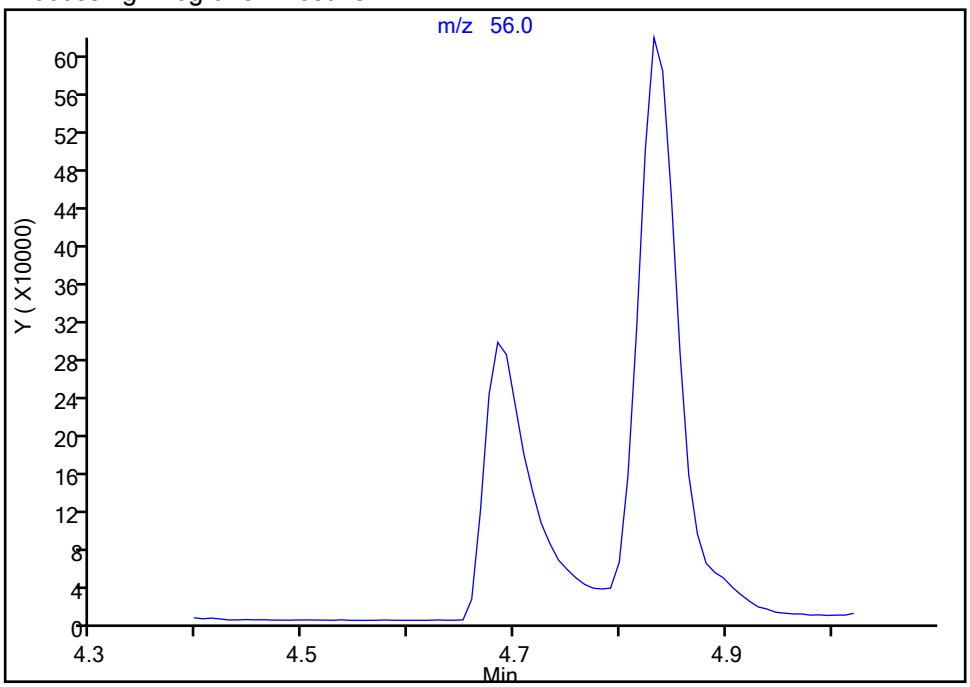
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 n-Butanol, CAS: 71-36-3

Signal: 1

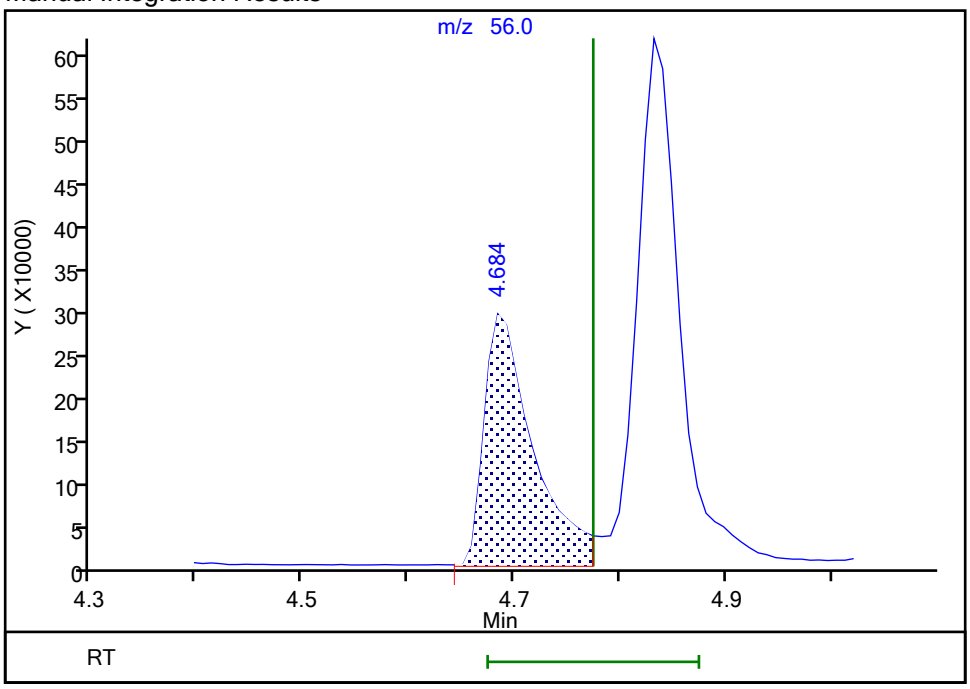
Not Detected
Expected RT: 4.77

Processing Integration Results



Manual Integration Results

RT: 4.68
Area: 945030
Amount: 14971
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:16:52 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

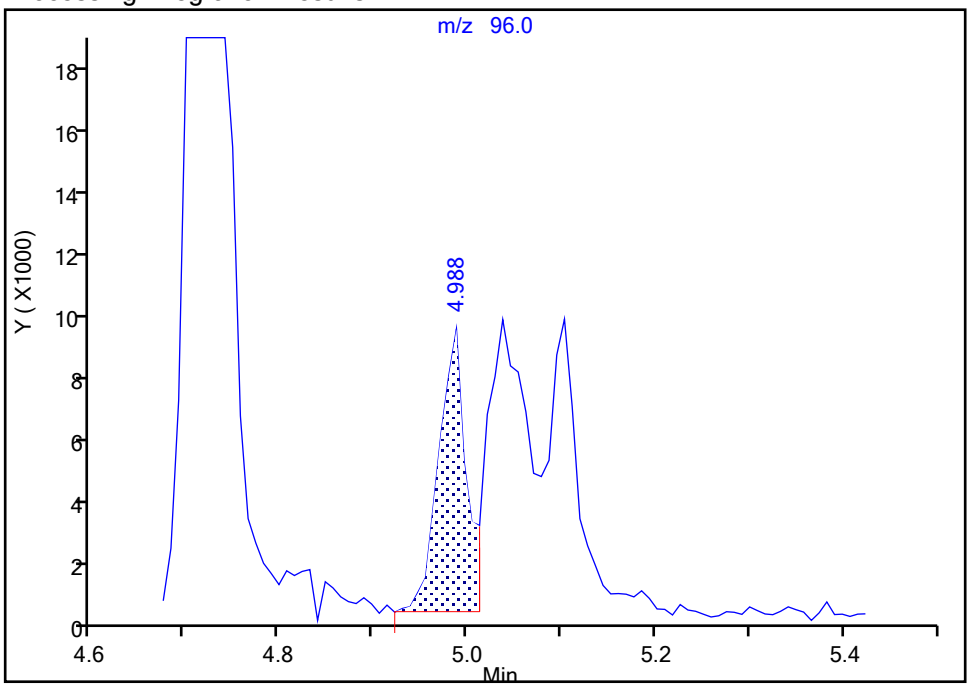
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

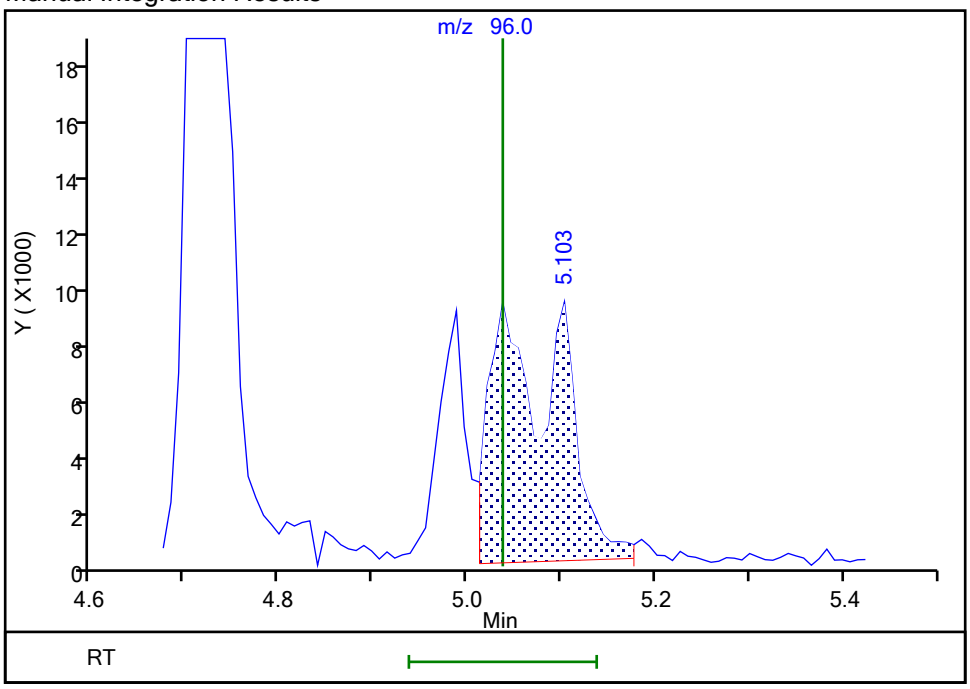
Processing Integration Results

RT: 4.99
Area: 18224
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 46436
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:34:51 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

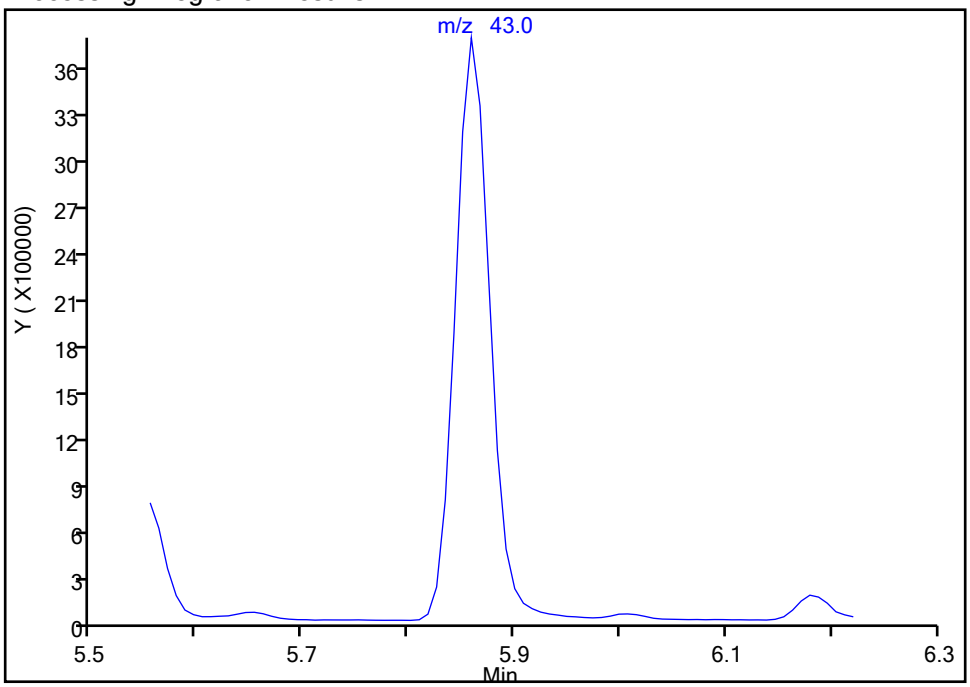
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

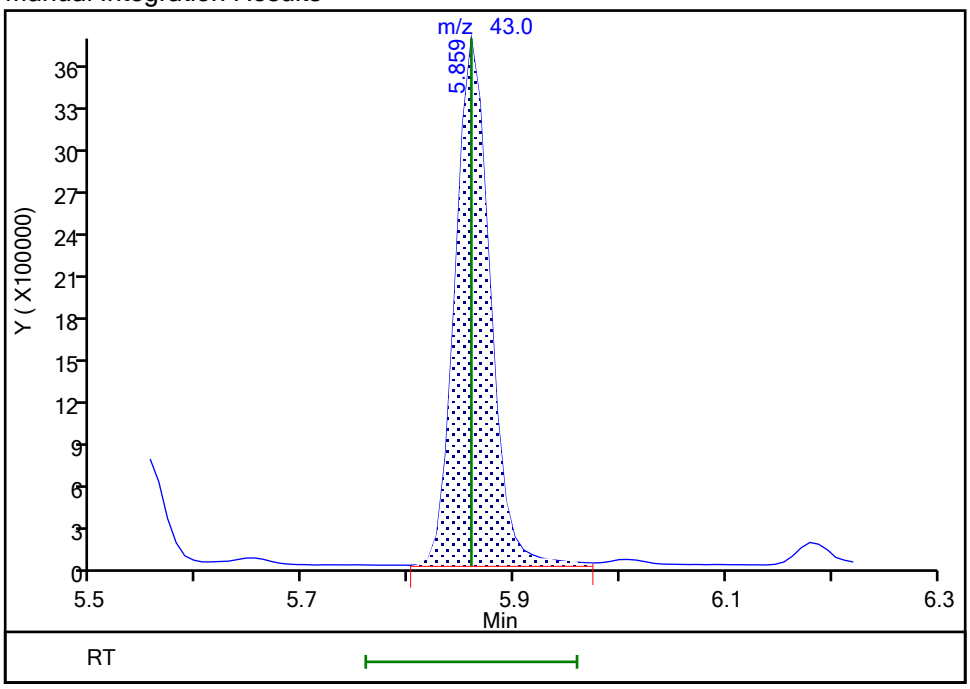
Not Detected
Expected RT: 5.86

Processing Integration Results



Manual Integration Results

RT: 5.86
Area: 8661324
Amount: 2621.8761
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:17:07 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

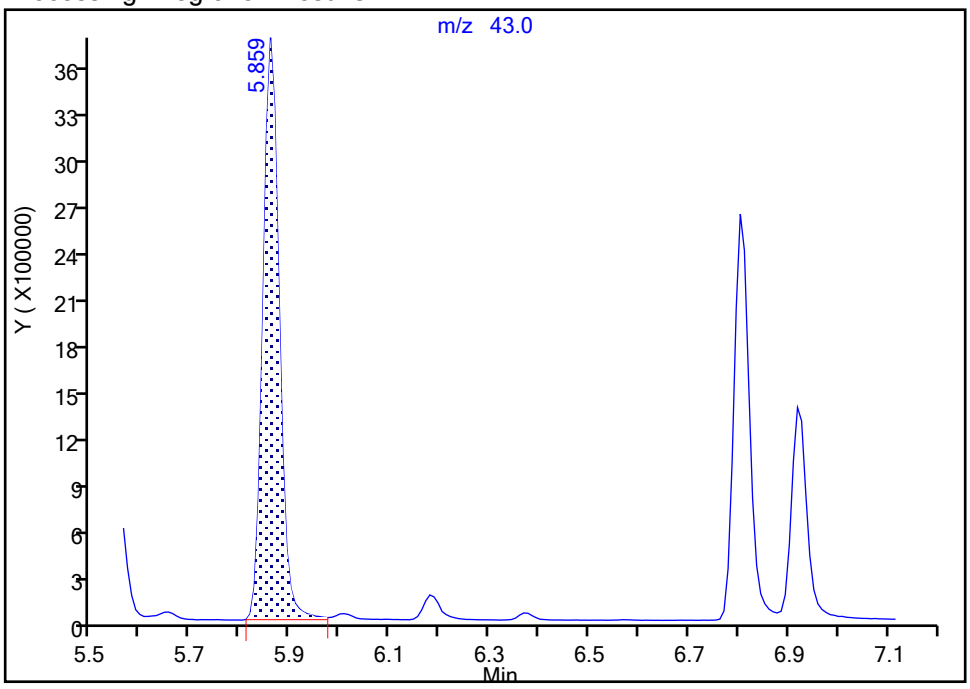
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Hexanone, CAS: 591-78-6

Signal: 1

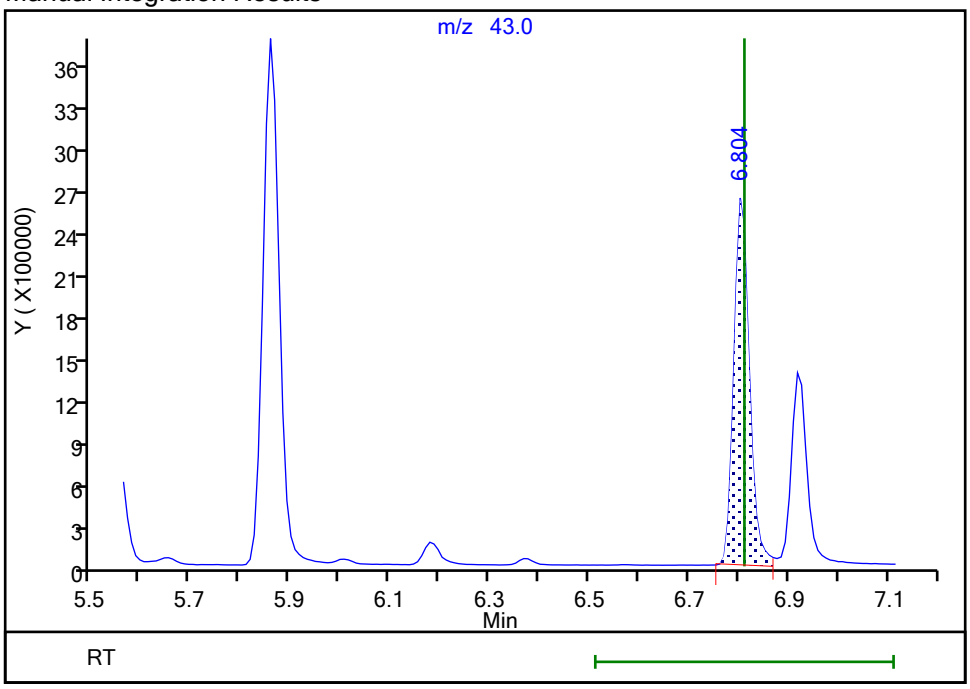
Processing Integration Results

RT: 5.86
Area: 8621011
Amount: 2499.5109
Amount Units: ug/l



Manual Integration Results

RT: 6.80
Area: 5721235
Amount: 2464.2914
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:29:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

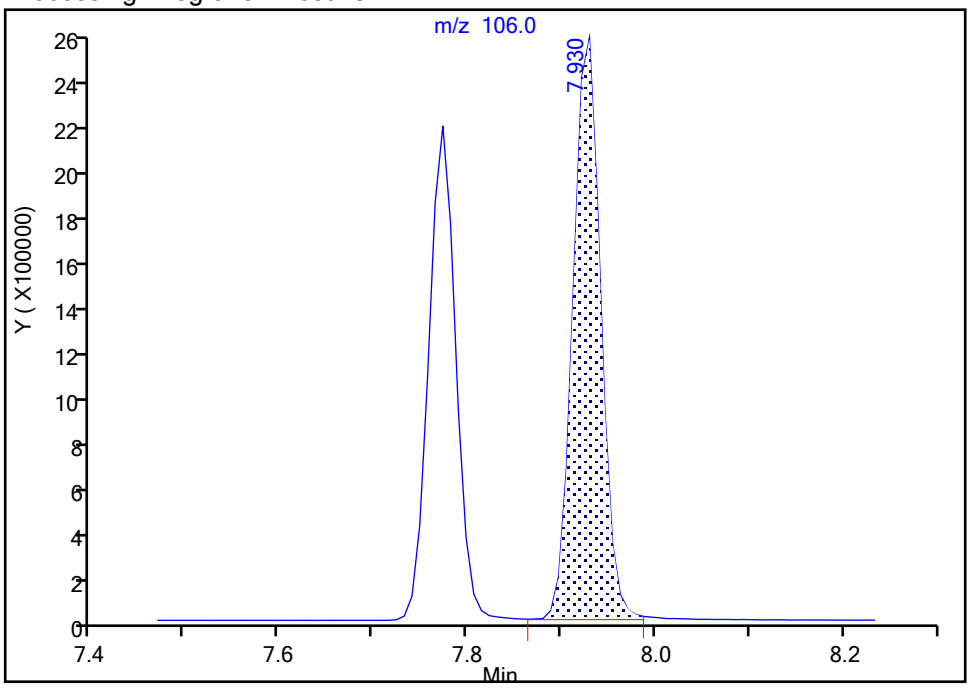
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

91 Ethylbenzene, CAS: 100-41-4

Signal: 1

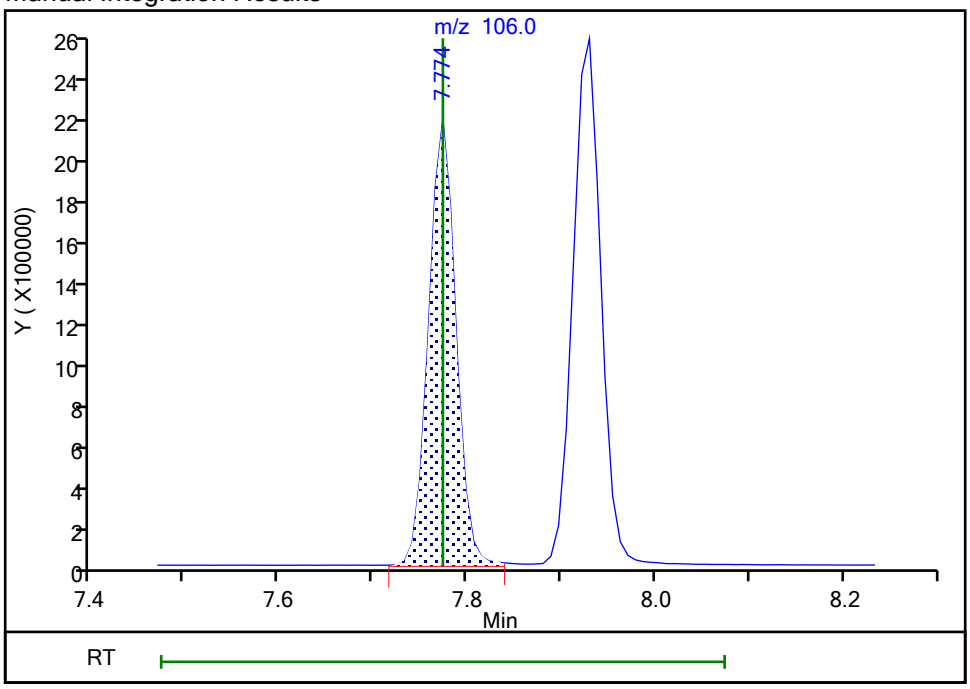
Processing Integration Results

RT: 7.93
Area: 5319970
Amount: 570.3147
Amount Units: ug/l



Manual Integration Results

RT: 7.77
Area: 4416831
Amount: 489.2865
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:17:33 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

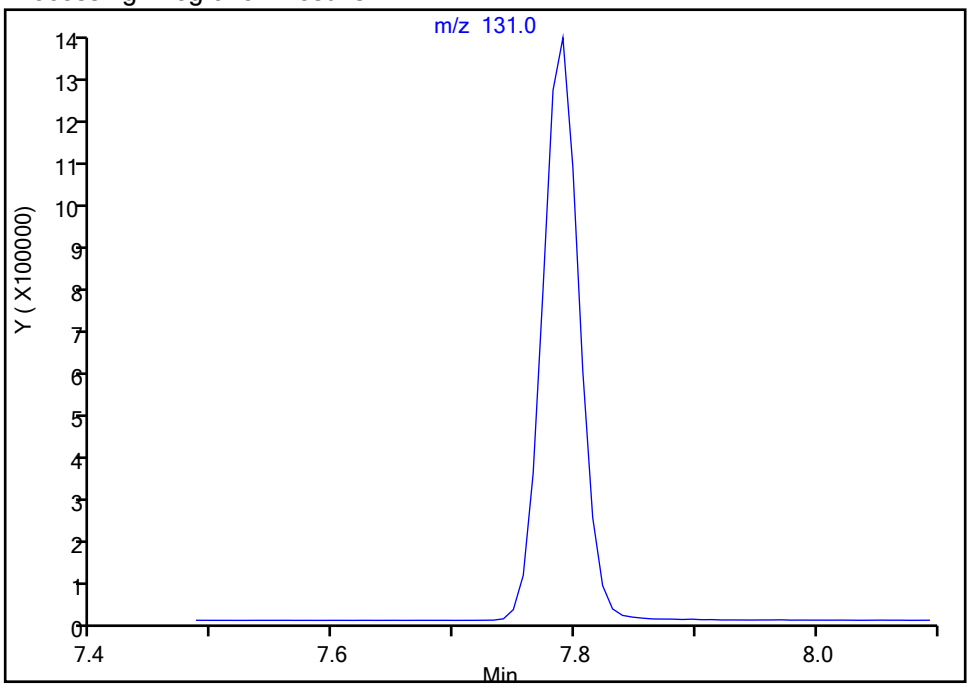
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

92 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

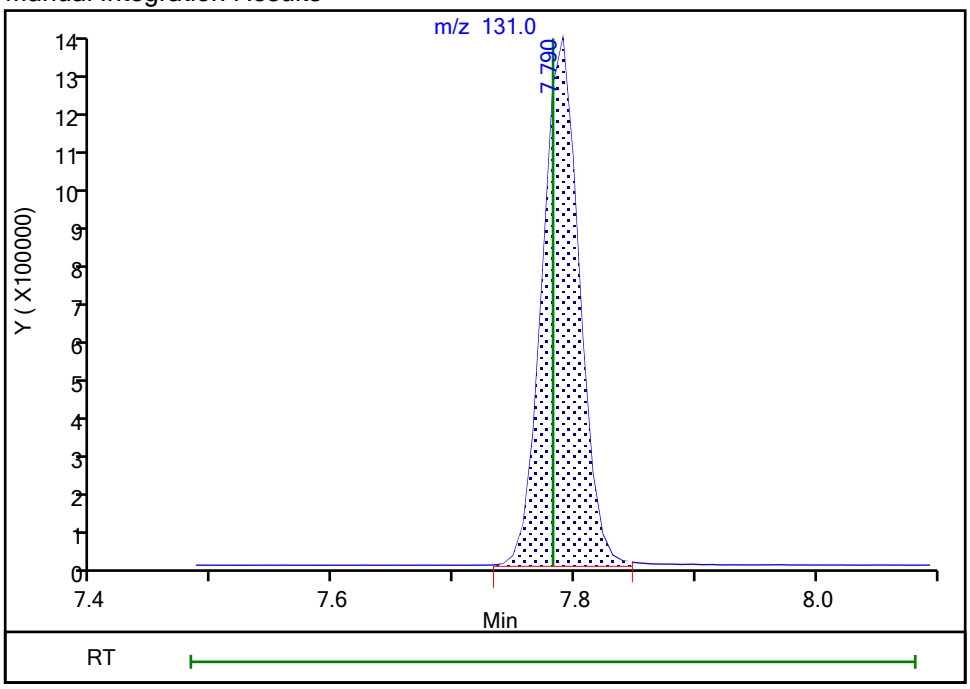
Not Detected
Expected RT: 7.78

Processing Integration Results



Manual Integration Results

RT: 7.79
Area: 2948934
Amount: 484.2300
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:34:06 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

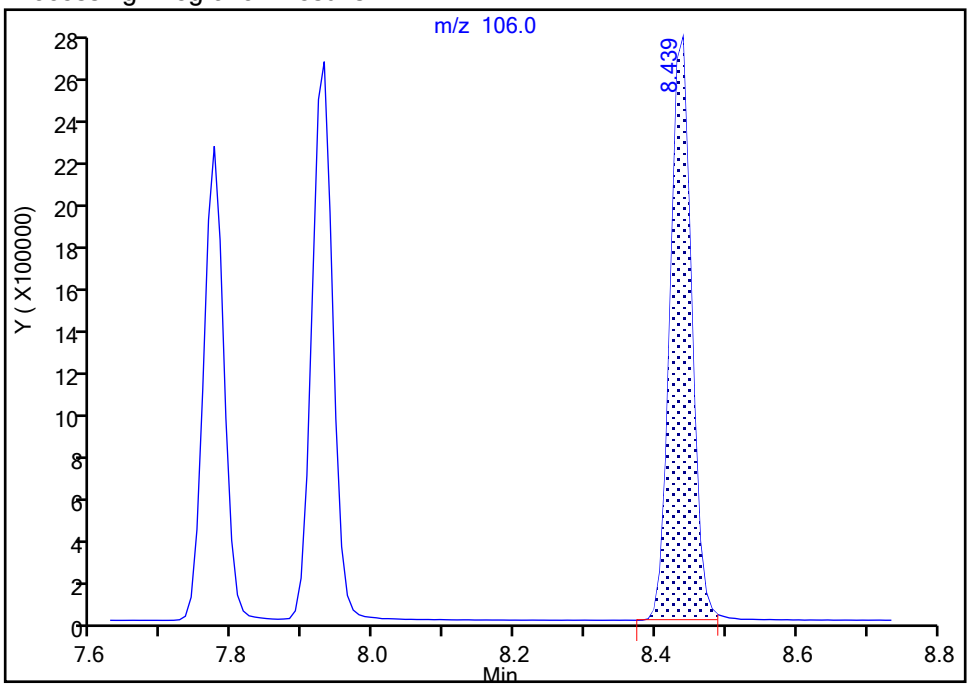
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

93 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

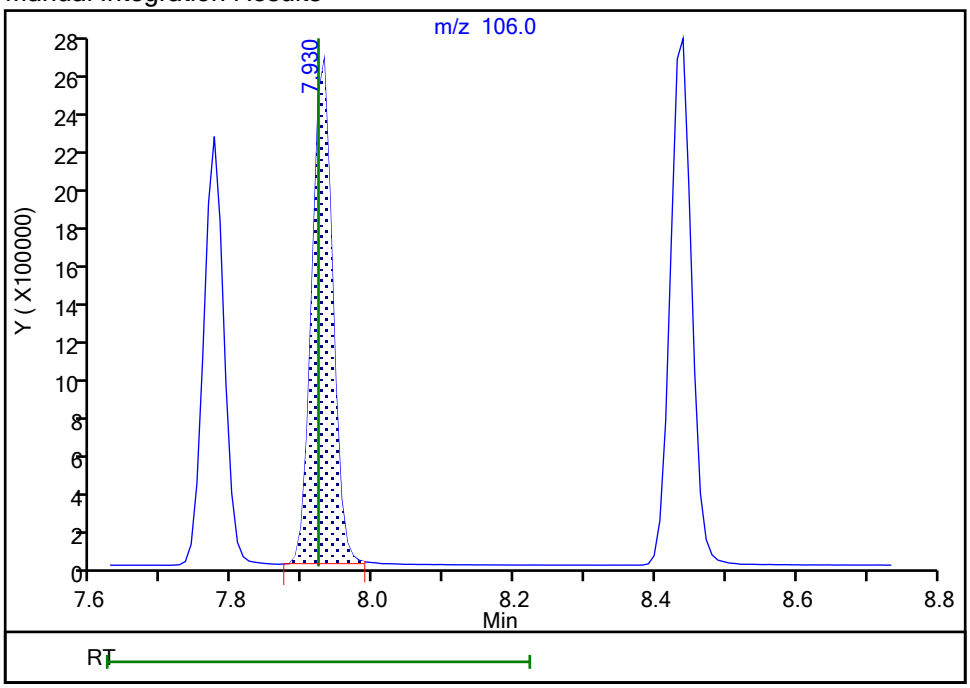
Processing Integration Results

RT: 8.44
Area: 5692206
Amount: 513.0856
Amount Units: ug/l



Manual Integration Results

RT: 7.93
Area: 5343453
Amount: 486.7501
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:17:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

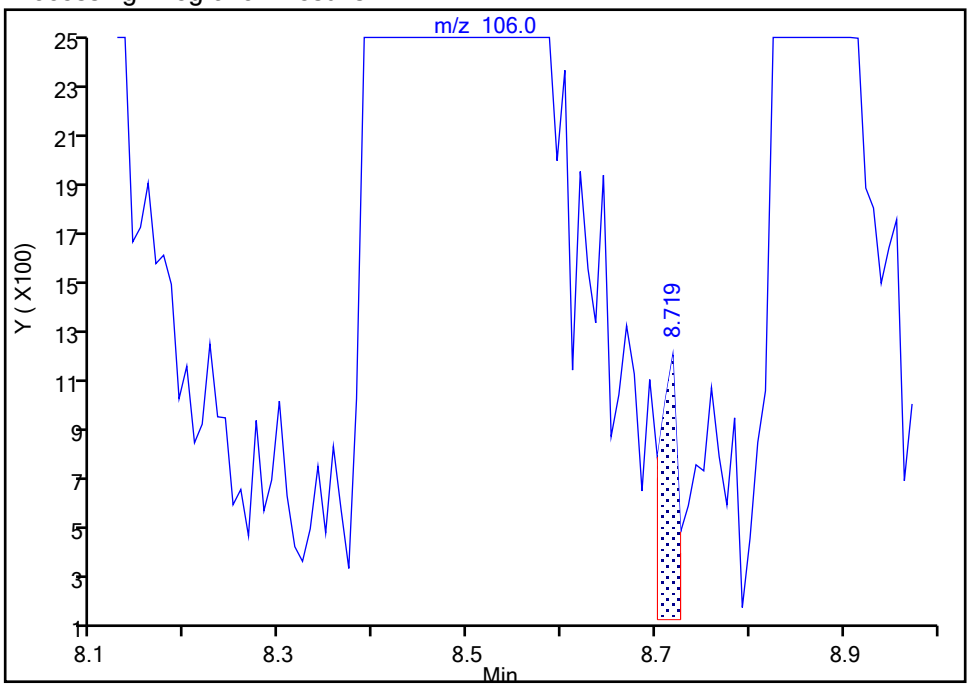
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

95 o-Xylene, CAS: 95-47-6

Signal: 1

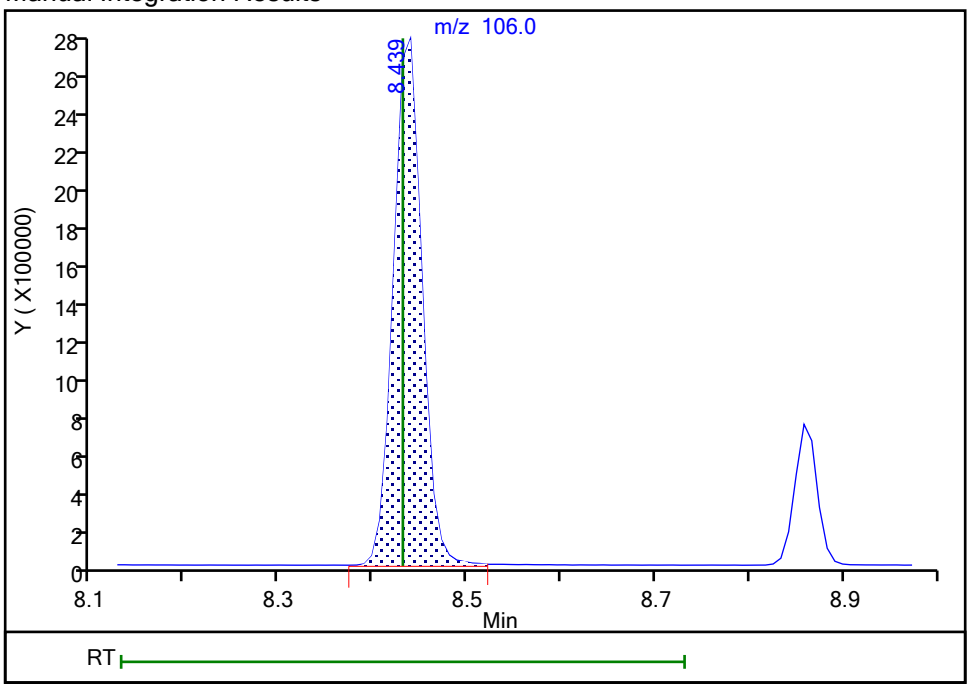
Processing Integration Results

RT: 8.72
Area: 1378
Amount: 0.145185
Amount Units: ug/l



Manual Integration Results

RT: 8.44
Area: 5713793
Amount: 501.4094
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:17:42 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

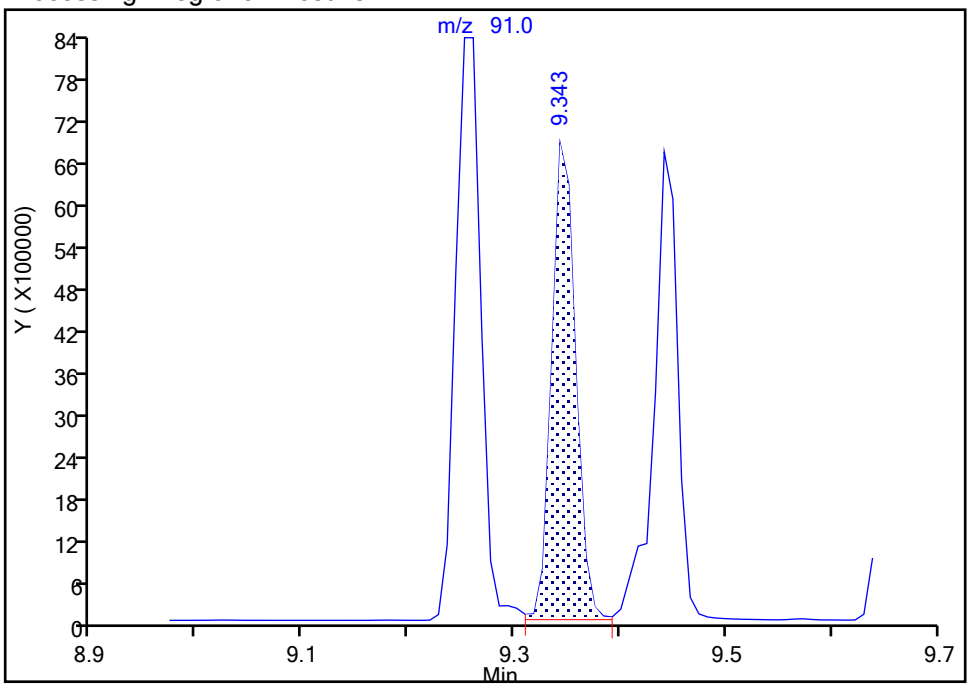
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Signal: 1

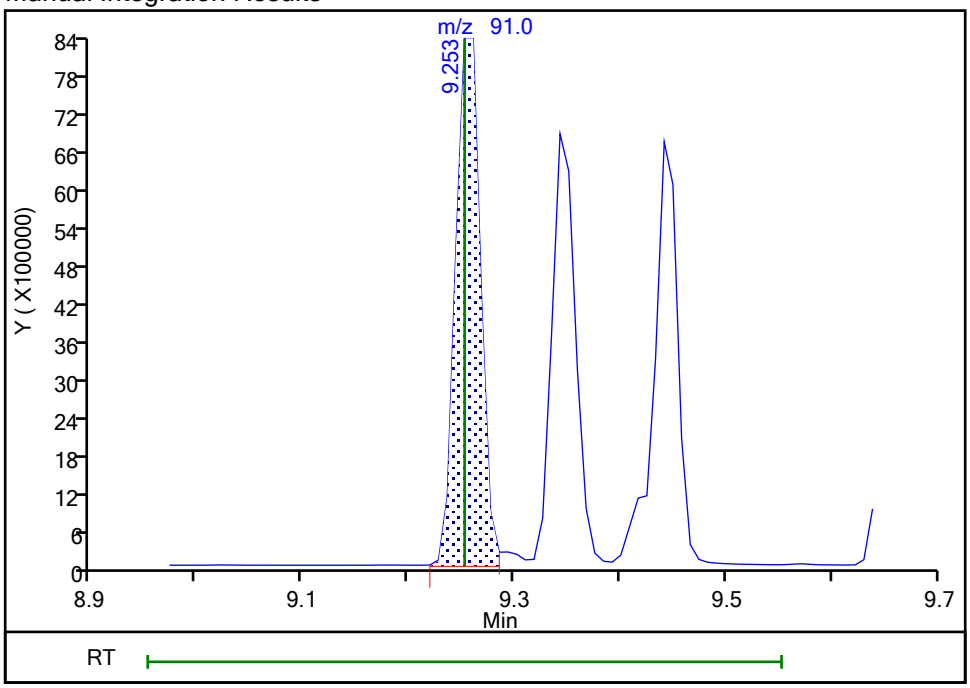
Processing Integration Results

RT: 9.34
Area: 10852450
Amount: 324.3773
Amount Units: ug/l



Manual Integration Results

RT: 9.25
Area: 13881713
Amount: 402.7653
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:17:52 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

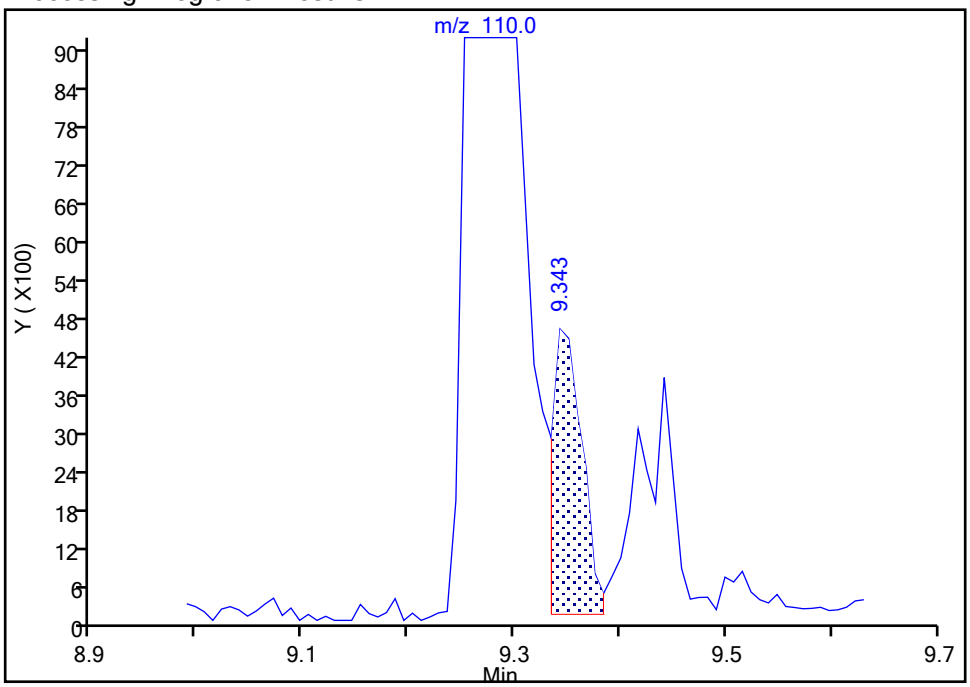
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

104 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

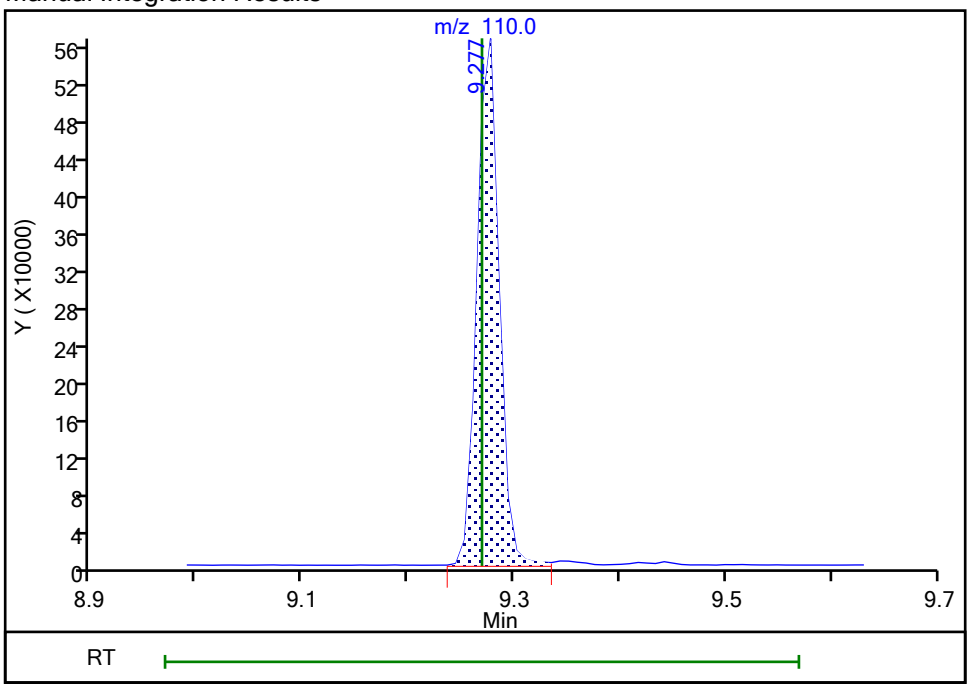
Processing Integration Results

RT: 9.34
Area: 8921
Amount: 6.169969
Amount Units: ug/l



Manual Integration Results

RT: 9.28
Area: 820495
Amount: 478.0328
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:17:56 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

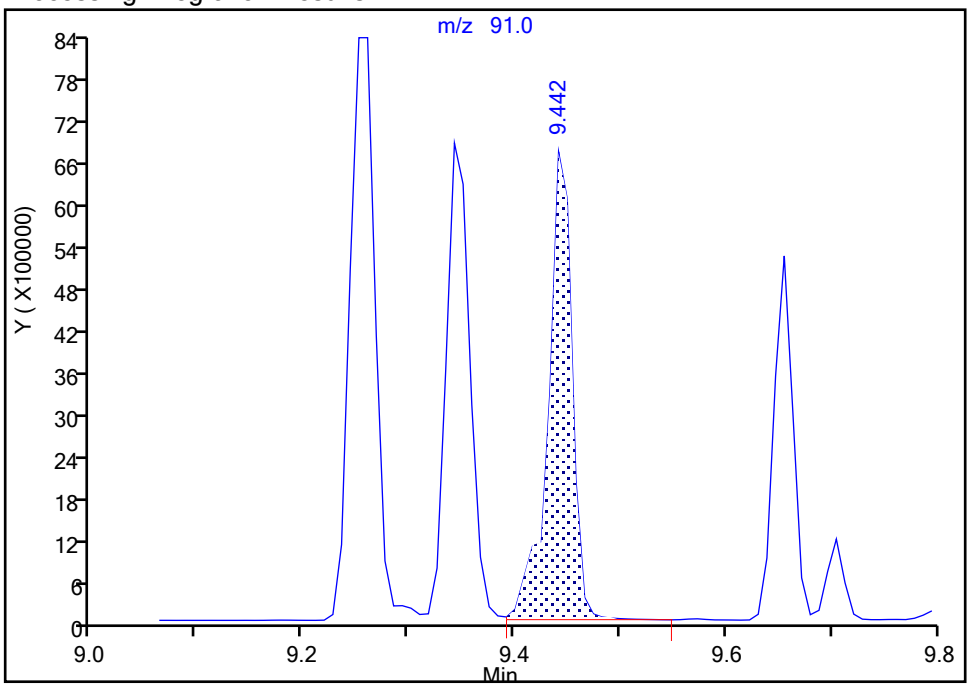
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

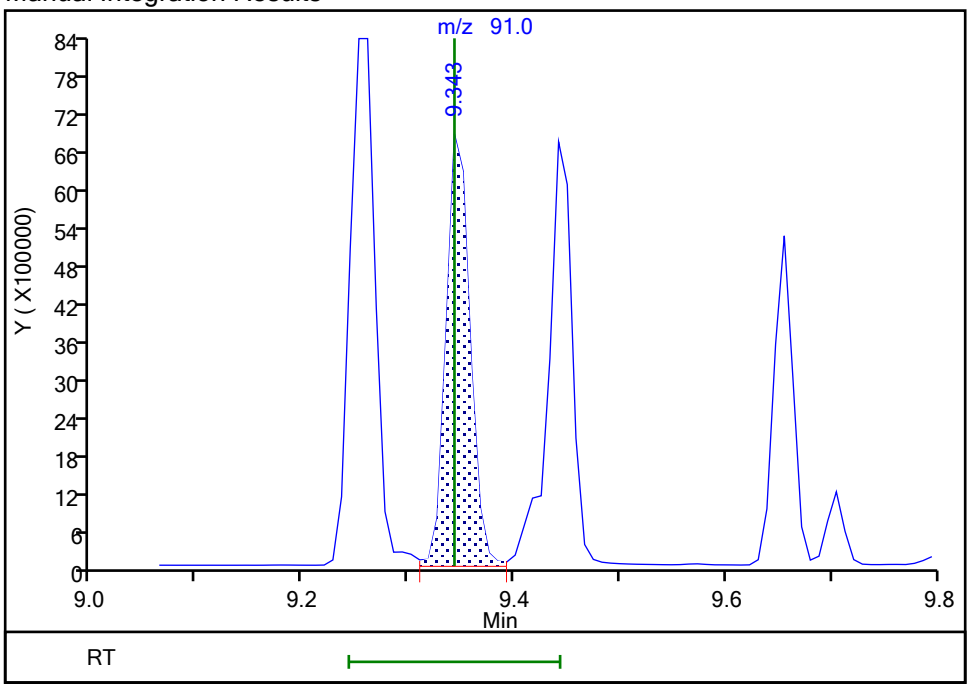
Processing Integration Results

RT: 9.44
Area: 10695227
Amount: 441.7733
Amount Units: ug/l



Manual Integration Results

RT: 9.34
Area: 10846772
Amount: 447.1001
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:18:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

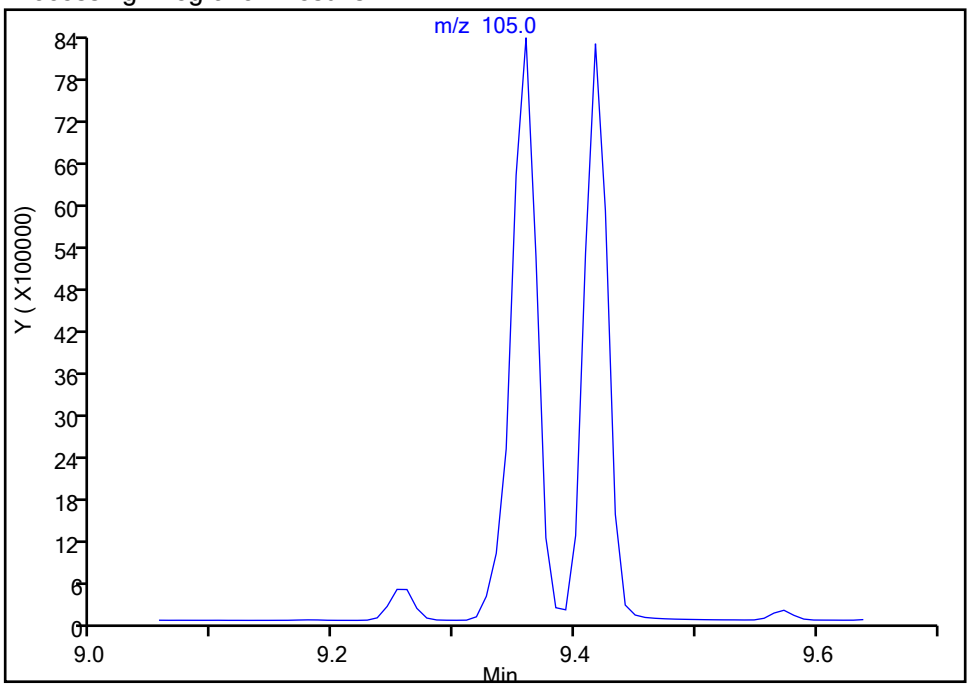
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

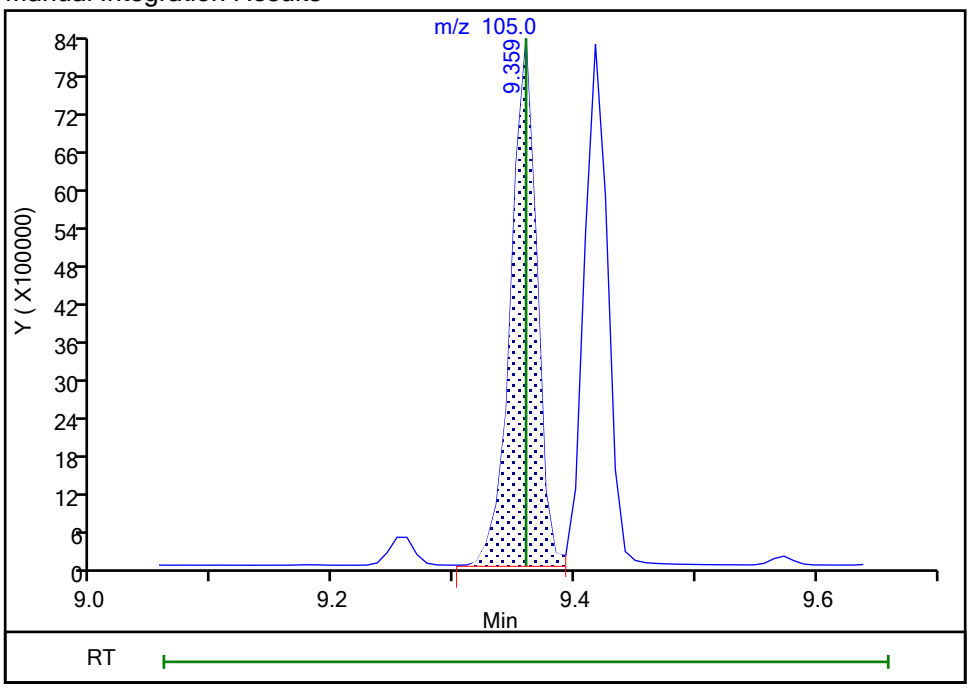
Not Detected
Expected RT: 9.36

Processing Integration Results



Manual Integration Results

RT: 9.36
Area: 12515413
Amount: 451.1991
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:18:06 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

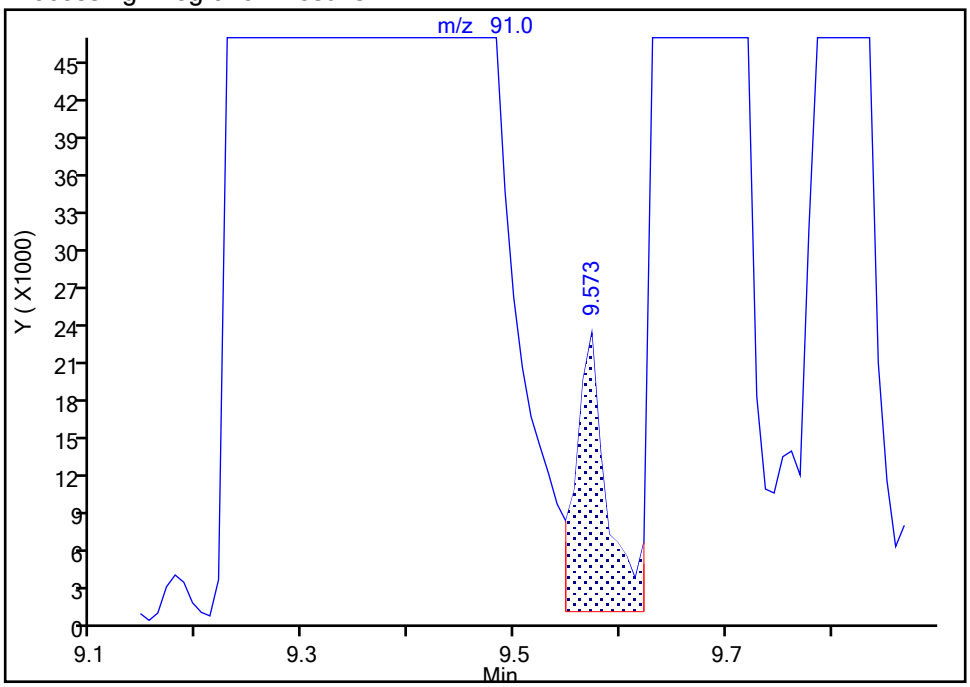
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

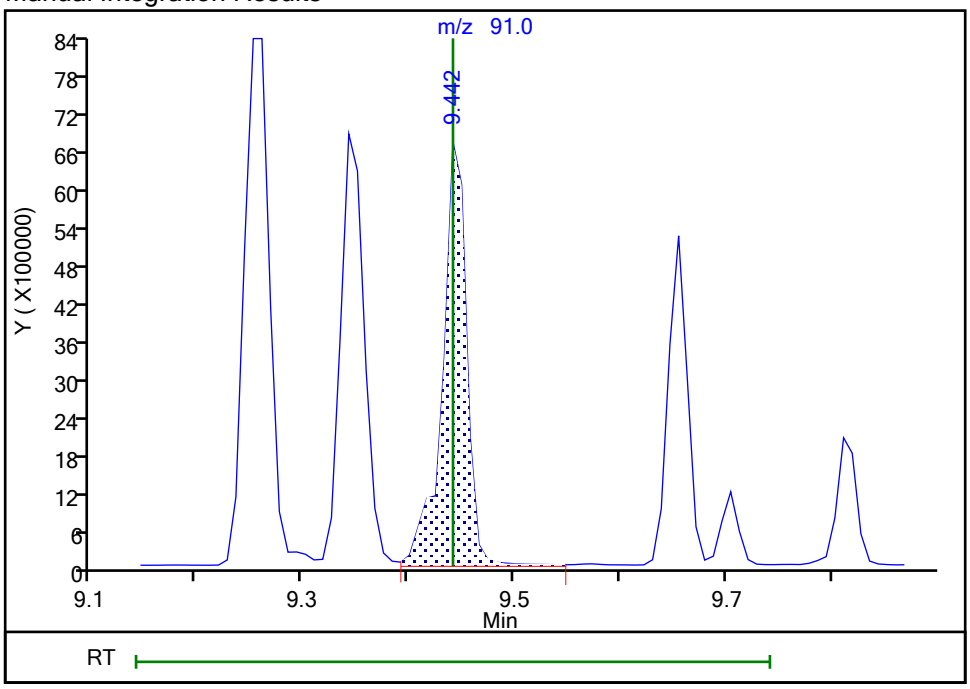
Processing Integration Results

RT: 9.57
Area: 45352
Amount: 2.419630
Amount Units: ug/l



Manual Integration Results

RT: 9.44
Area: 10705600
Amount: 480.1412
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:18:12 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

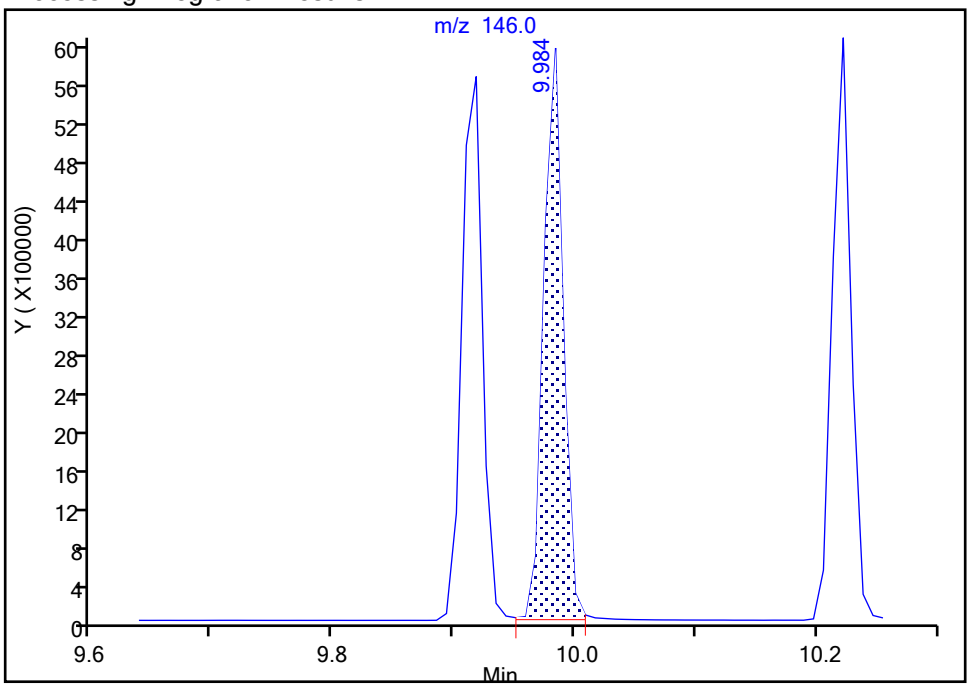
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

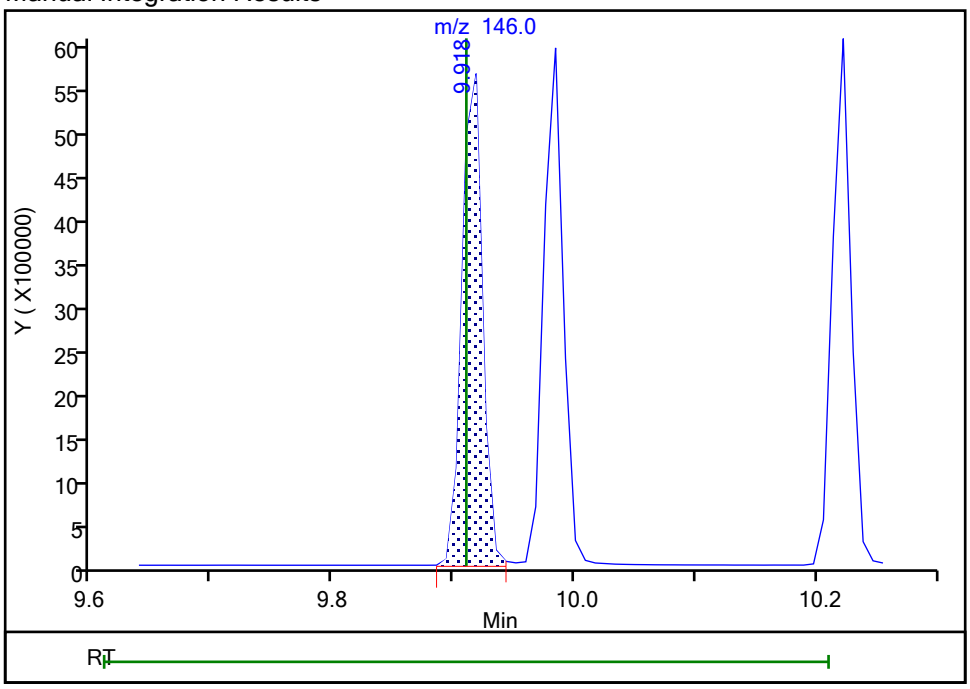
Processing Integration Results

RT: 9.98
Area: 6679775
Amount: 494.4152
Amount Units: ug/l



Manual Integration Results

RT: 9.92
Area: 6704169
Amount: 495.9223
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:34:19 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

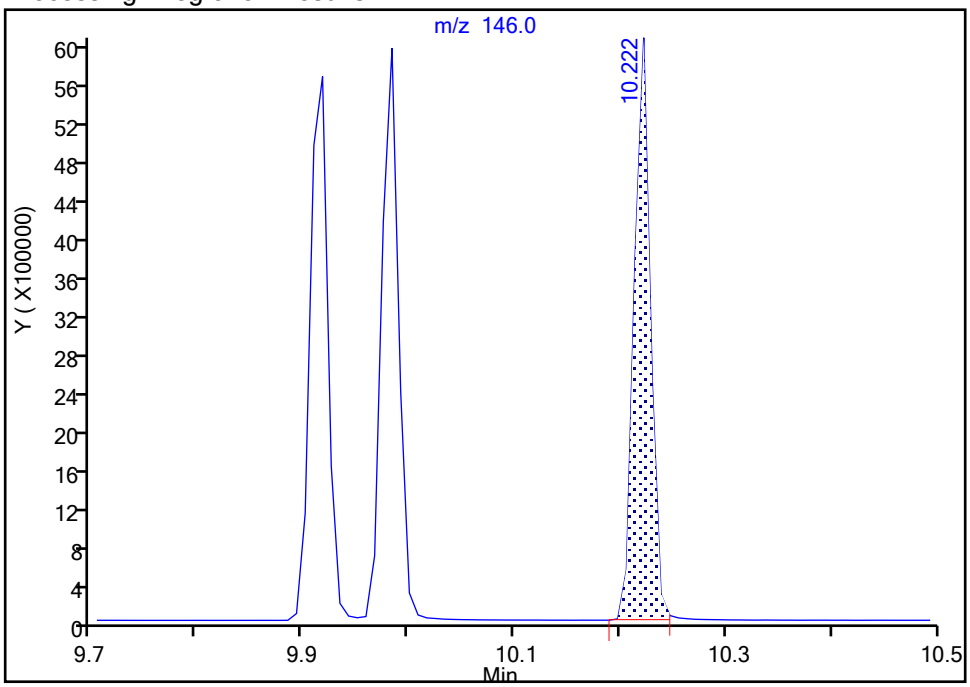
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

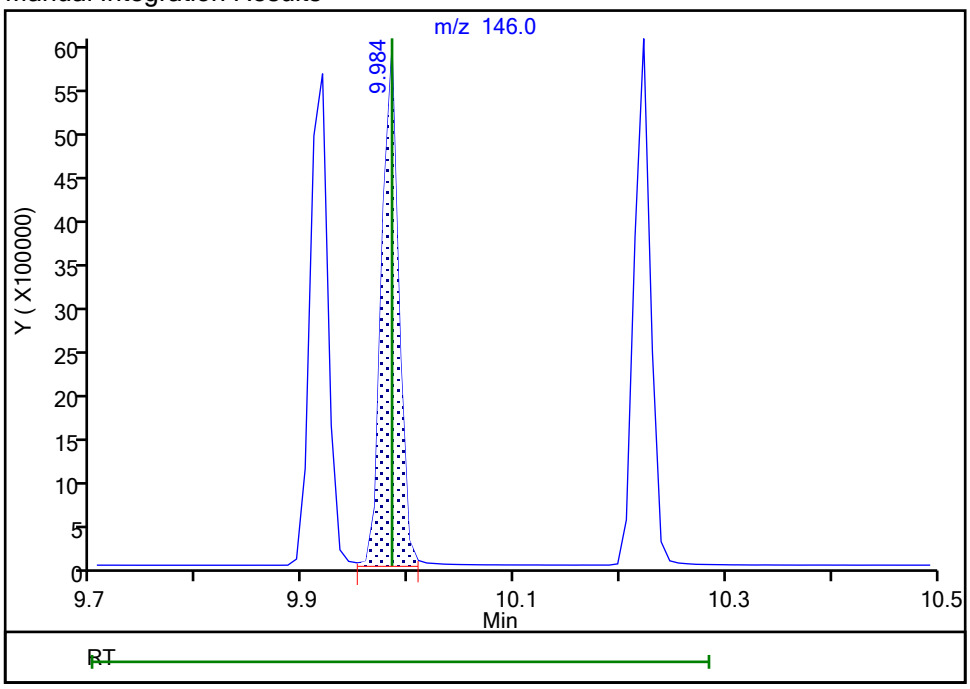
Processing Integration Results

RT: 10.22
Area: 6480979
Amount: 464.8585
Amount Units: ug/l



Manual Integration Results

RT: 9.98
Area: 6680322
Amount: 476.8839
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 10:34:23 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

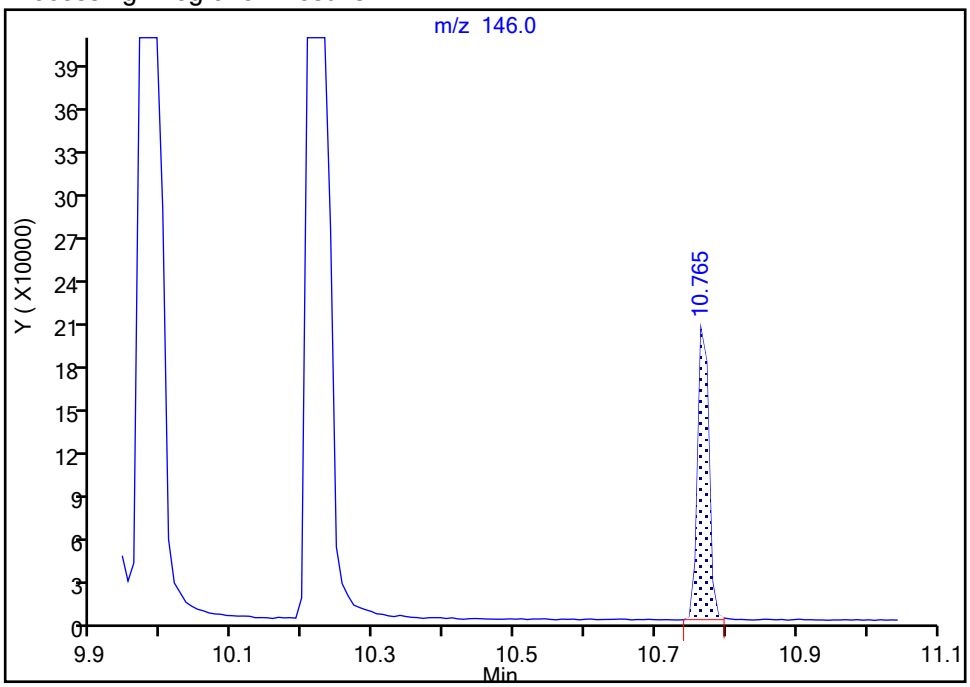
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D
Injection Date: 21-Jan-2026 02:46:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

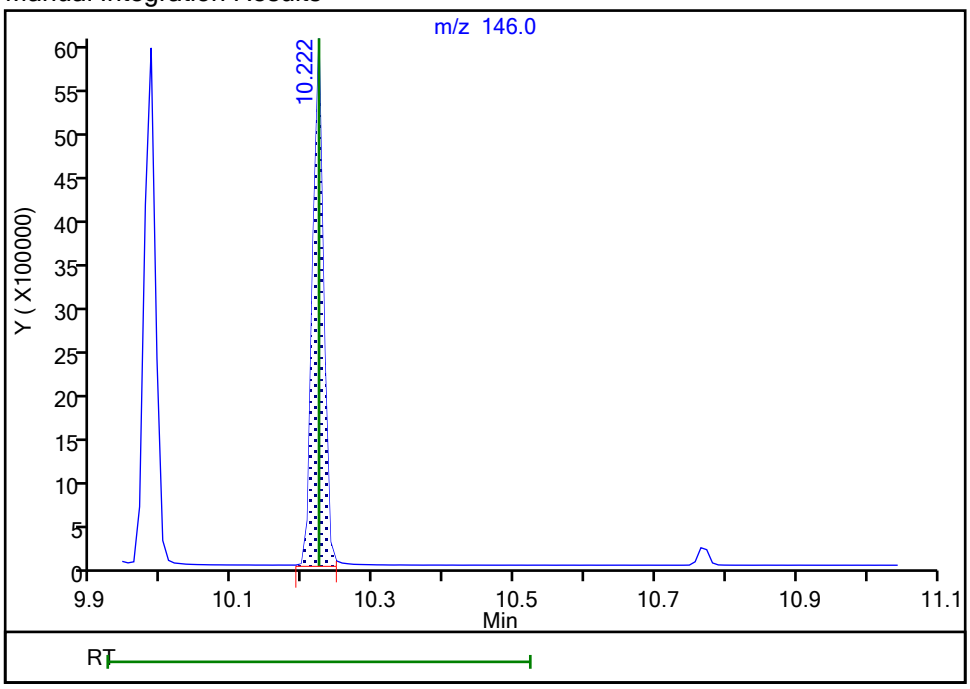
Processing Integration Results

RT: 10.76
Area: 222371
Amount: 18.999462
Amount Units: ug/l



Manual Integration Results

RT: 10.22
Area: 6474616
Amount: 469.5783
Amount Units: ug/l



Reviewer: HVW2, 21-Jan-2026 20:18:27 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

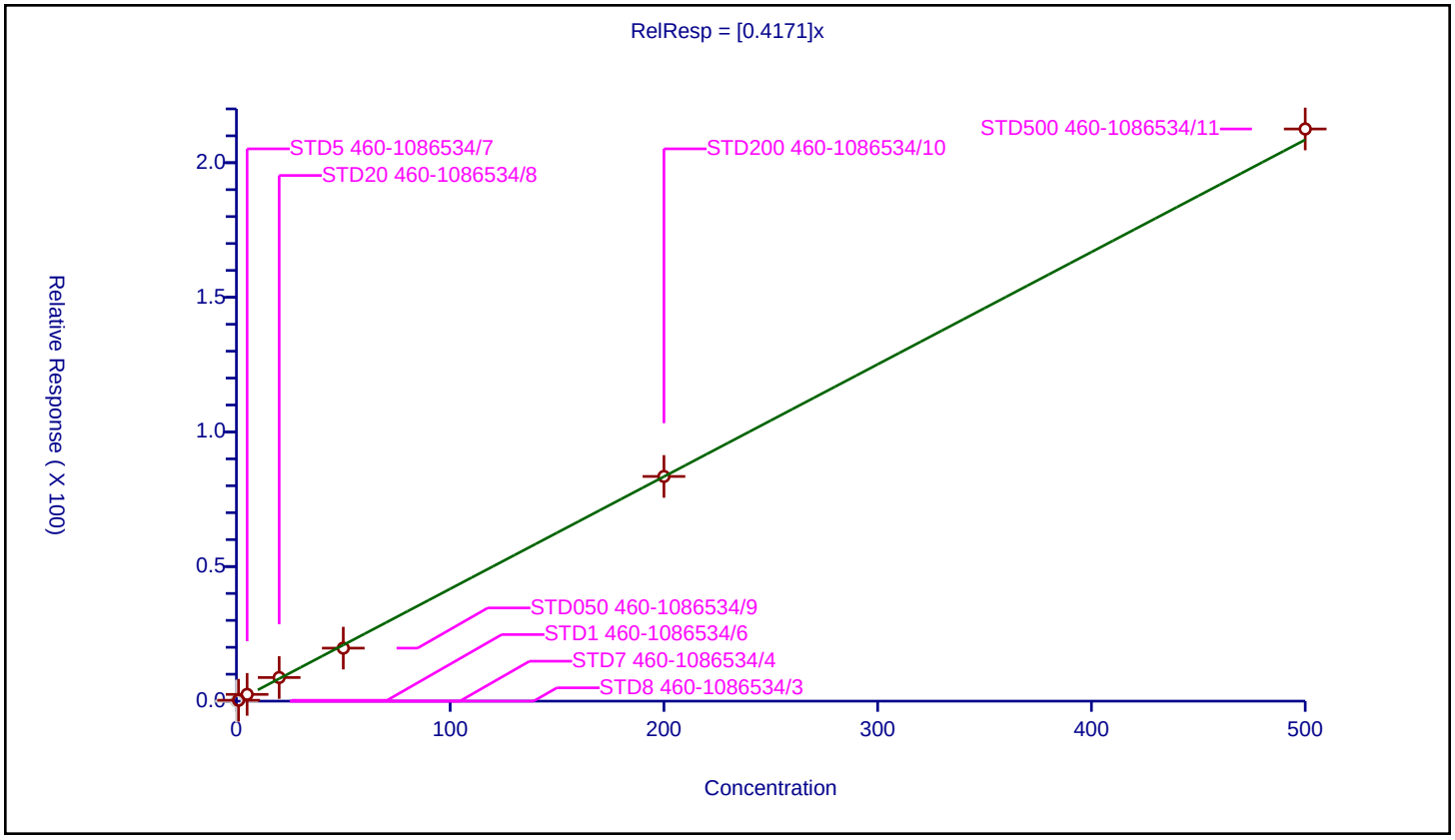
Curve Coefficients

Intercept:	0
Slope:	0.4171

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	0.0	0.0	50.0	669059.0	NaN	N
2	STD7 460-1086534/4	0.25	0.0	50.0	697958.0	0.0	N
3	STD1 460-1086534/6	1.0	0.326864	50.0	711763.0	0.326864	Y
4	STD5 460-1086534/7	5.0	2.503661	50.0	705347.0	0.500732	Y
5	STD20 460-1086534/8	20.0	8.771478	50.0	677725.0	0.438574	Y
6	STD050 460-1086534/9	50.0	19.689109	50.0	738393.0	0.393782	Y
7	STD200 460-1086534/10	200.0	83.467608	50.0	733820.0	0.417338	Y
8	STD500 460-1086534/11	500.0	212.540734	50.0	745080.0	0.425081	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

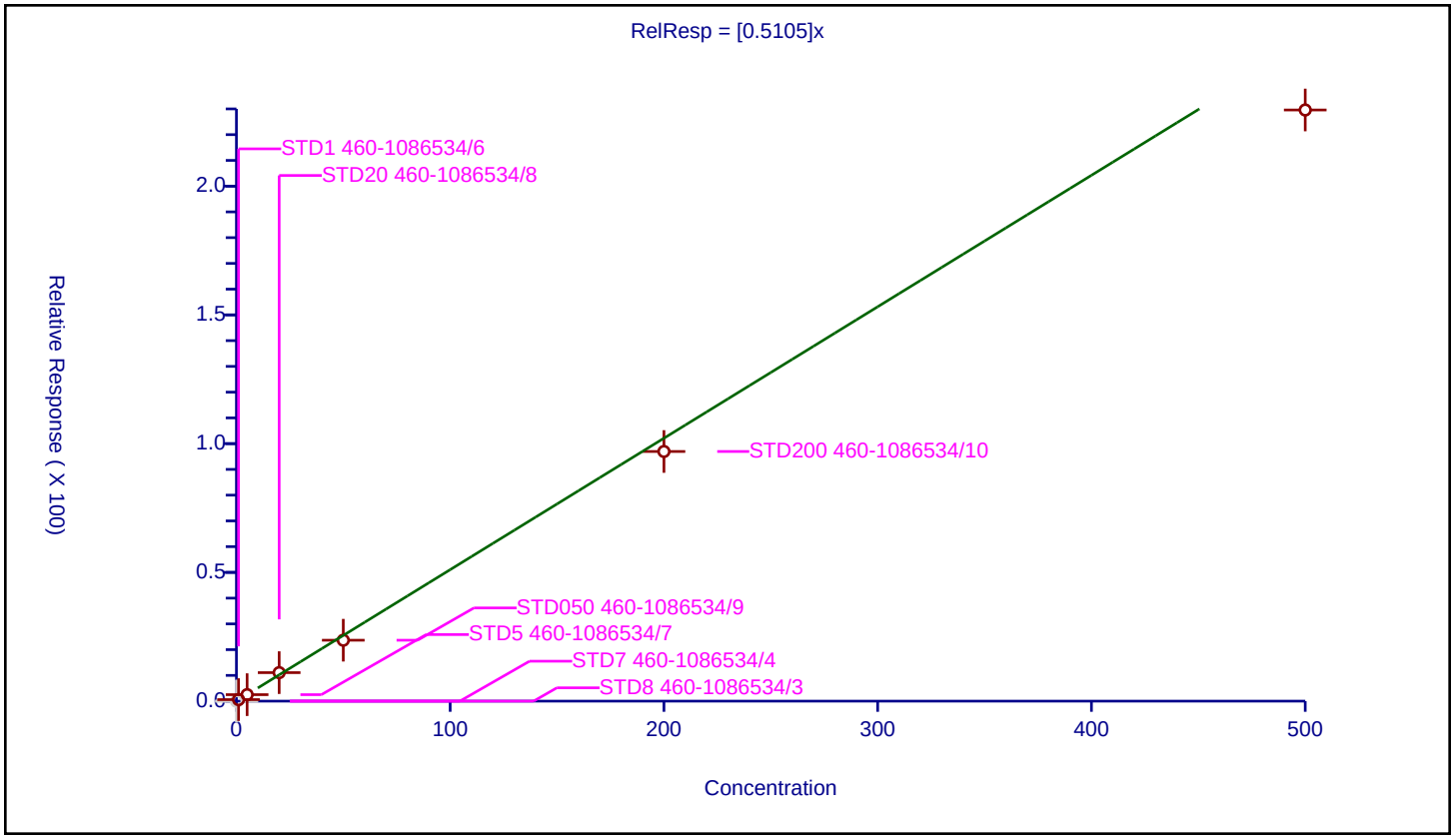
Curve Coefficients

Intercept:	0
Slope:	0.5105

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	0.0	0.0	50.0	669059.0	NaN	N
2	STD7 460-1086534/4	0.25	0.0	50.0	697958.0	0.0	N
3	STD1 460-1086534/6	1.0	0.589592	50.0	711763.0	0.589592	Y
4	STD5 460-1086534/7	5.0	2.515429	50.0	705347.0	0.503086	Y
5	STD20 460-1086534/8	20.0	11.069977	50.0	677725.0	0.553499	Y
6	STD050 460-1086534/9	50.0	23.655966	50.0	738393.0	0.473119	Y
7	STD200 460-1086534/10	200.0	96.95811	50.0	733820.0	0.484791	Y
8	STD500 460-1086534/11	500.0	229.573133	50.0	745080.0	0.459146	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

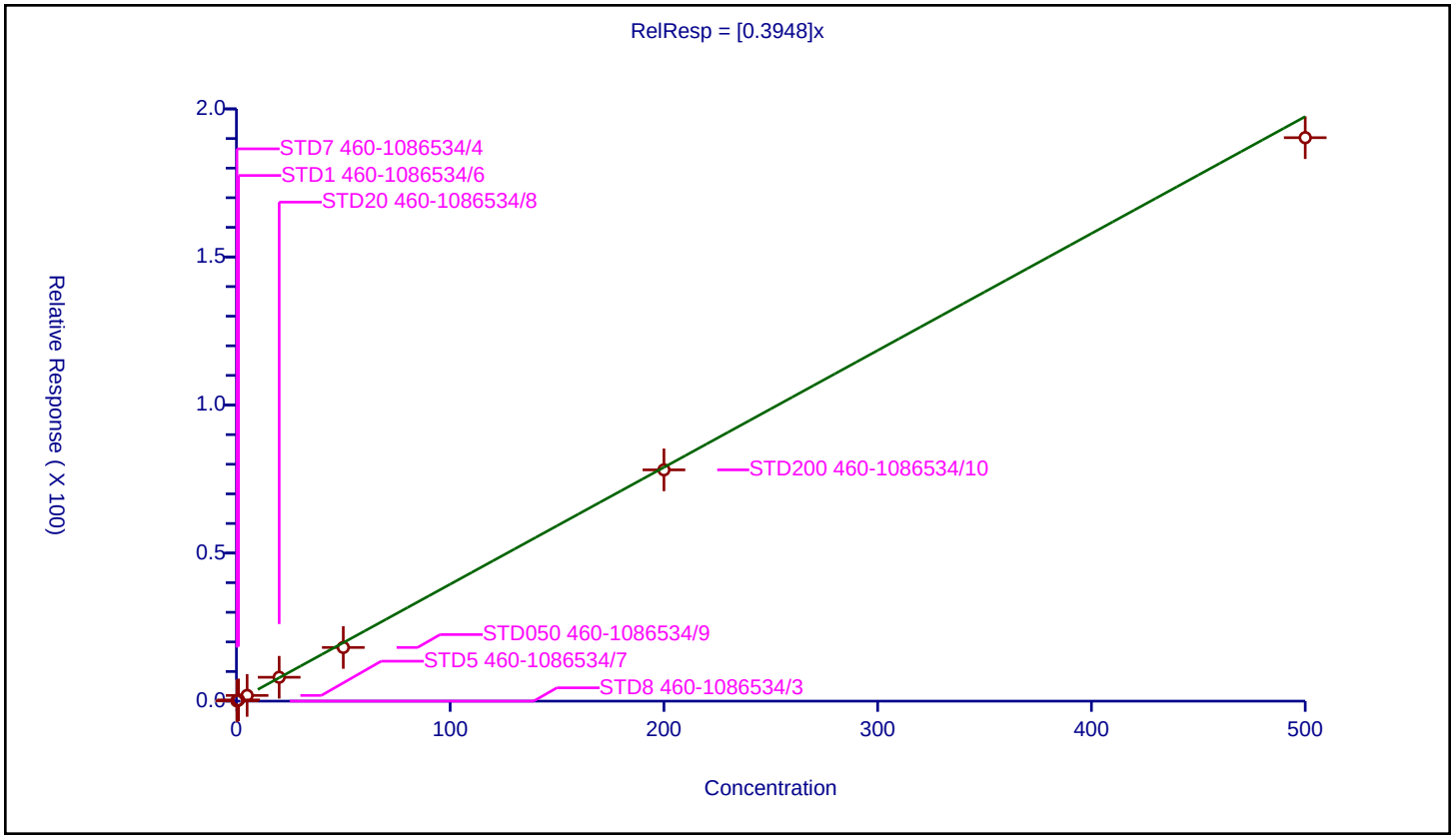
Curve Coefficients

Intercept:	0
Slope:	0.3948

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	0.0	0.0	50.0	669059.0	NaN	N
2	STD7 460-1086534/4	0.25	0.108531	50.0	697958.0	0.434124	Y
3	STD1 460-1086534/6	1.0	0.40765	50.0	711763.0	0.40765	Y
4	STD5 460-1086534/7	5.0	1.924797	50.0	705347.0	0.384959	Y
5	STD20 460-1086534/8	20.0	8.063448	50.0	677725.0	0.403172	Y
6	STD050 460-1086534/9	50.0	18.130183	50.0	738393.0	0.362604	Y
7	STD200 460-1086534/10	200.0	78.099398	50.0	733820.0	0.390497	Y
8	STD500 460-1086534/11	500.0	190.278359	50.0	745080.0	0.380557	Y



2/5/2026
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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

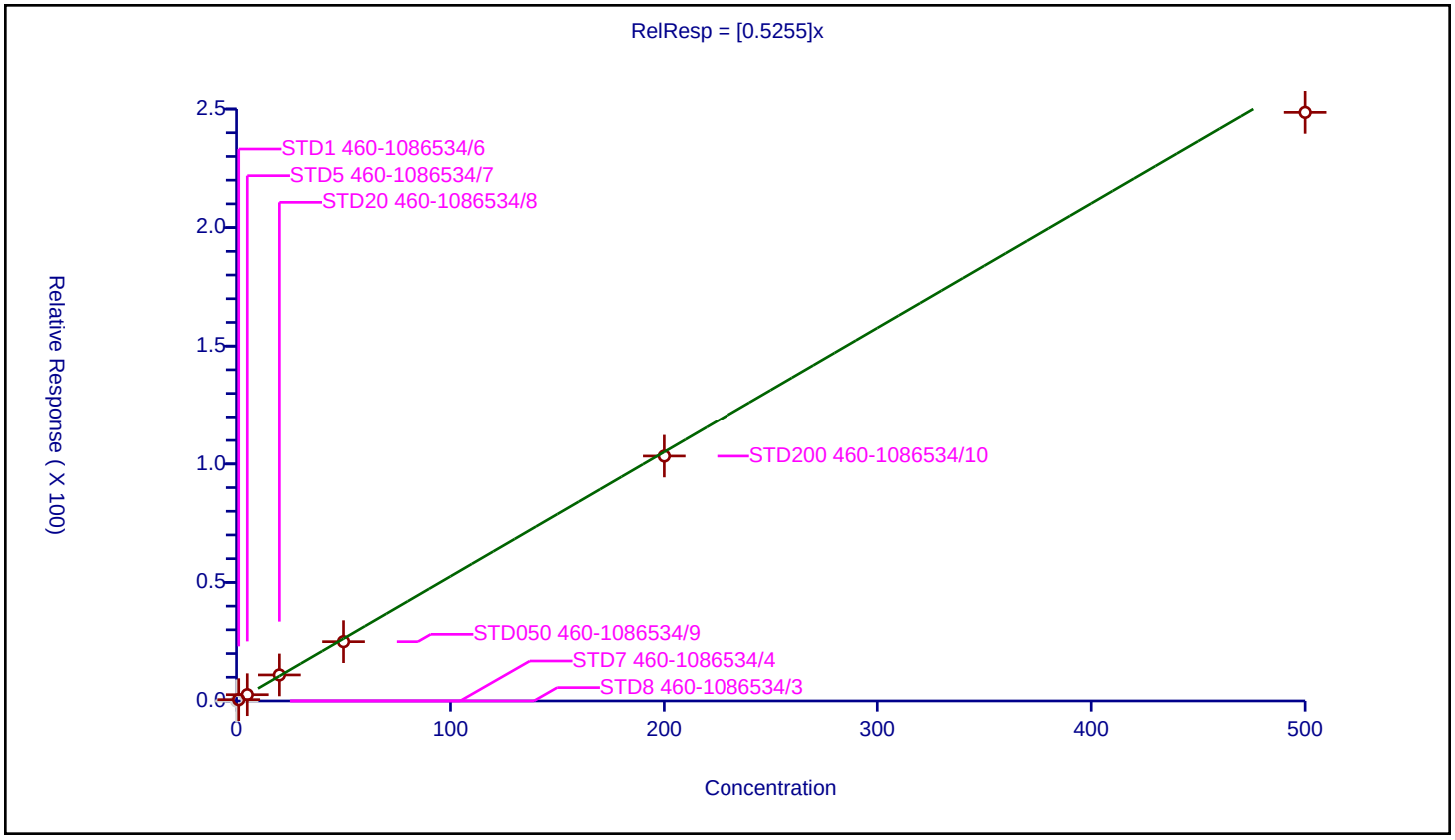
Curve Coefficients

Intercept:	0
Slope:	0.5255

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	0.0	0.0	50.0	669059.0	NaN	N
2	STD7 460-1086534/4	0.25	0.0	50.0	697958.0	0.0	N
3	STD1 460-1086534/6	1.0	0.561423	50.0	711763.0	0.561423	Y
4	STD5 460-1086534/7	5.0	2.643025	50.0	705347.0	0.528605	Y
5	STD20 460-1086534/8	20.0	10.97333	50.0	677725.0	0.548666	Y
6	STD050 460-1086534/9	50.0	25.010056	50.0	738393.0	0.500201	Y
7	STD200 460-1086534/10	200.0	103.328473	50.0	733820.0	0.516642	Y
8	STD500 460-1086534/11	500.0	248.590286	50.0	745080.0	0.497181	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

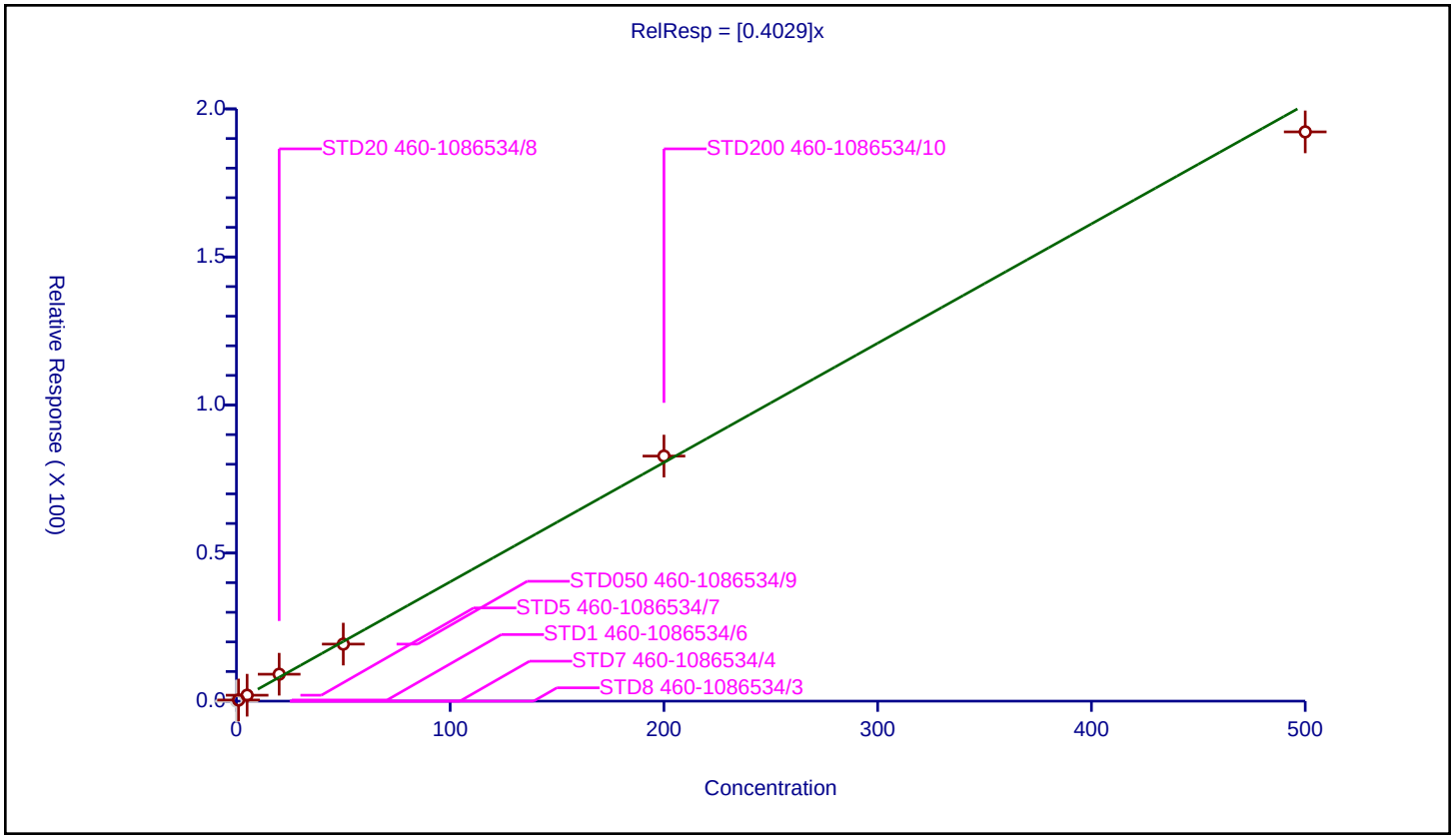
Curve Coefficients

Intercept:	0
Slope:	0.4029

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	0.0	0.0	50.0	669059.0	NaN	N
2	STD7 460-1086534/4	0.25	0.0	50.0	697958.0	0.0	N
3	STD1 460-1086534/6	1.0	0.380393	50.0	711763.0	0.380393	Y
4	STD5 460-1086534/7	5.0	1.997031	50.0	705347.0	0.399406	Y
5	STD20 460-1086534/8	20.0	9.085027	50.0	677725.0	0.454251	Y
6	STD050 460-1086534/9	50.0	19.2621	50.0	738393.0	0.385242	Y
7	STD200 460-1086534/10	200.0	82.758101	50.0	733820.0	0.413791	Y
8	STD500 460-1086534/11	500.0	192.238484	50.0	745080.0	0.384477	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

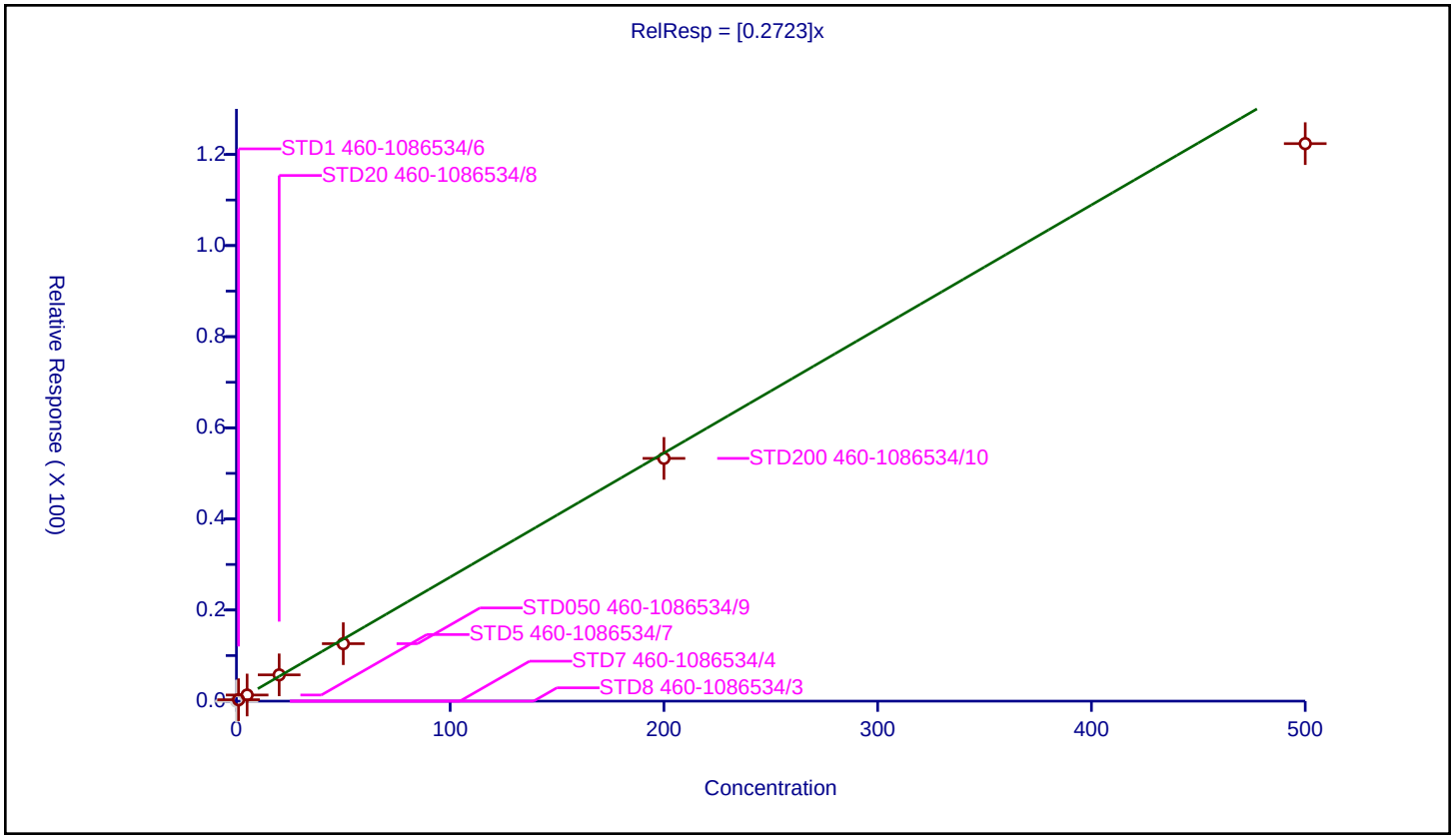
Curve Coefficients

Intercept:	0
Slope:	0.2723

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	0.0	0.0	50.0	669059.0	NaN	N
2	STD7 460-1086534/4	0.25	0.0	50.0	697958.0	0.0	N
3	STD1 460-1086534/6	1.0	0.312112	50.0	711763.0	0.312112	Y
4	STD5 460-1086534/7	5.0	1.349549	50.0	705347.0	0.26991	Y
5	STD20 460-1086534/8	20.0	5.765318	50.0	677725.0	0.288266	Y
6	STD050 460-1086534/9	50.0	12.614014	50.0	738393.0	0.25228	Y
7	STD200 460-1086534/10	200.0	53.283775	50.0	733820.0	0.266419	Y
8	STD500 460-1086534/11	500.0	122.376725	50.0	745080.0	0.244753	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

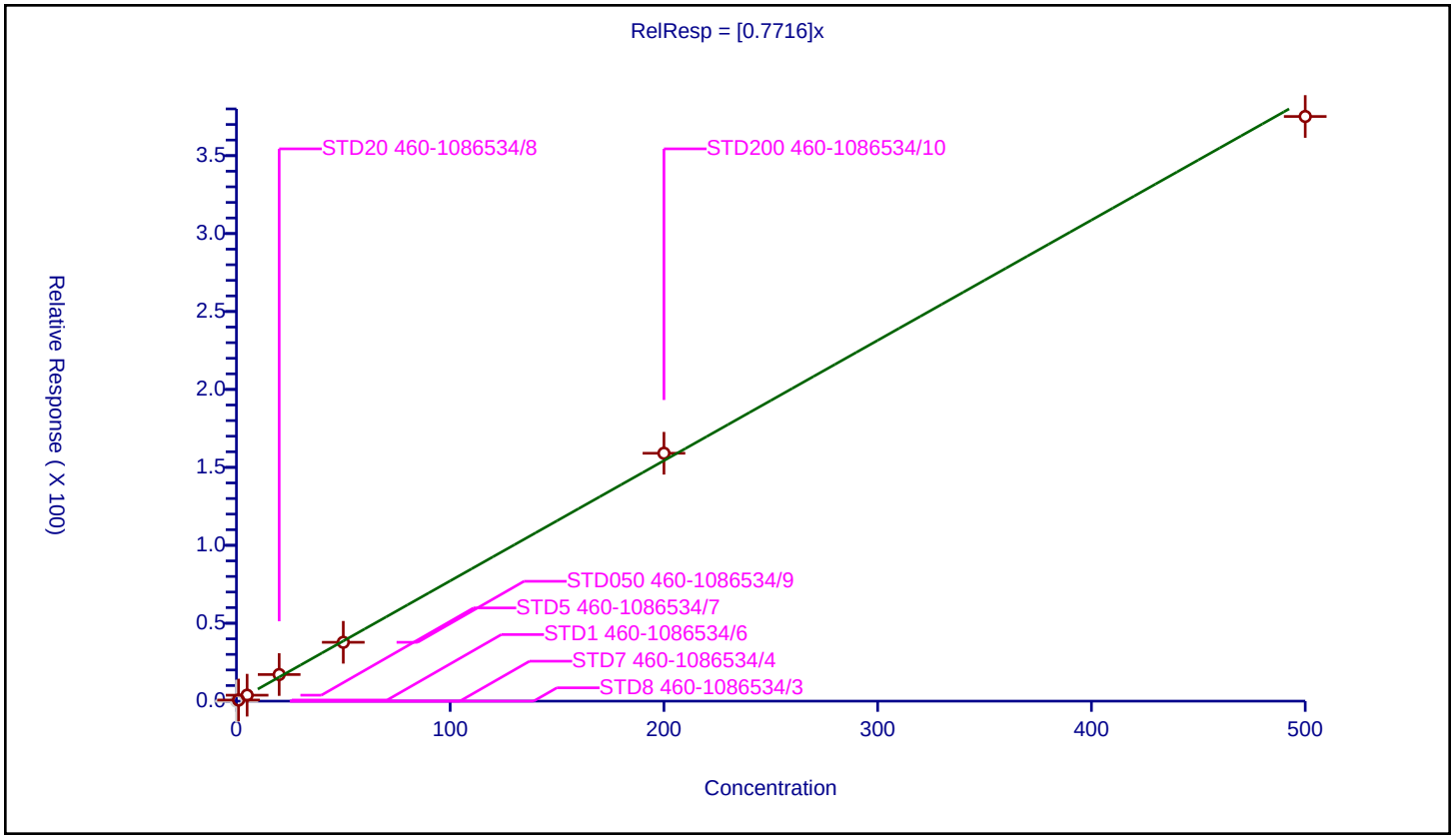
Curve Coefficients

Intercept:	0
Slope:	0.7716

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	0.0	0.0	50.0	669059.0	NaN	N
2	STD7 460-1086534/4	0.25	0.0	50.0	697958.0	0.0	N
3	STD1 460-1086534/6	1.0	0.711613	50.0	711763.0	0.711613	Y
4	STD5 460-1086534/7	5.0	3.818971	50.0	705347.0	0.763794	Y
5	STD20 460-1086534/8	20.0	17.071157	50.0	677725.0	0.853558	Y
6	STD050 460-1086534/9	50.0	37.756046	50.0	738393.0	0.755121	Y
7	STD200 460-1086534/10	200.0	159.053787	50.0	733820.0	0.795269	Y
8	STD500 460-1086534/11	500.0	375.130926	50.0	745080.0	0.750262	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

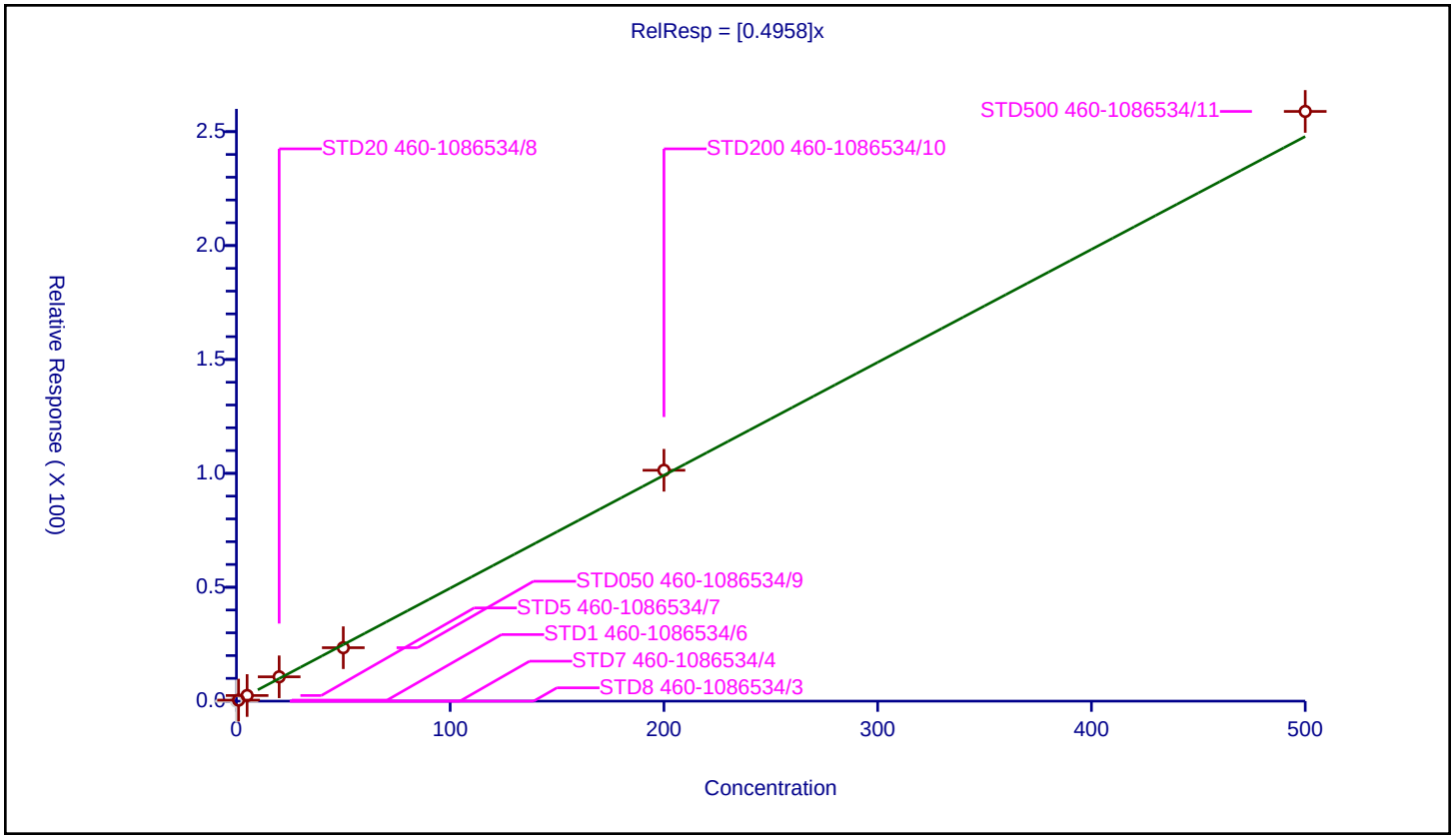
Curve Coefficients

Intercept:	0
Slope:	0.4958

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	0.0	0.0	50.0	669059.0	NaN	N
2	STD7 460-1086534/4	0.25	0.0	50.0	697958.0	0.0	N
3	STD1 460-1086534/6	1.0	0.452187	50.0	711763.0	0.452187	Y
4	STD5 460-1086534/7	5.0	2.474456	50.0	705347.0	0.494891	Y
5	STD20 460-1086534/8	20.0	10.67734	50.0	677725.0	0.533867	Y
6	STD050 460-1086534/9	50.0	23.455667	50.0	738393.0	0.469113	Y
7	STD200 460-1086534/10	200.0	101.352716	50.0	733820.0	0.506764	Y
8	STD500 460-1086534/11	500.0	258.88408	50.0	745080.0	0.517768	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

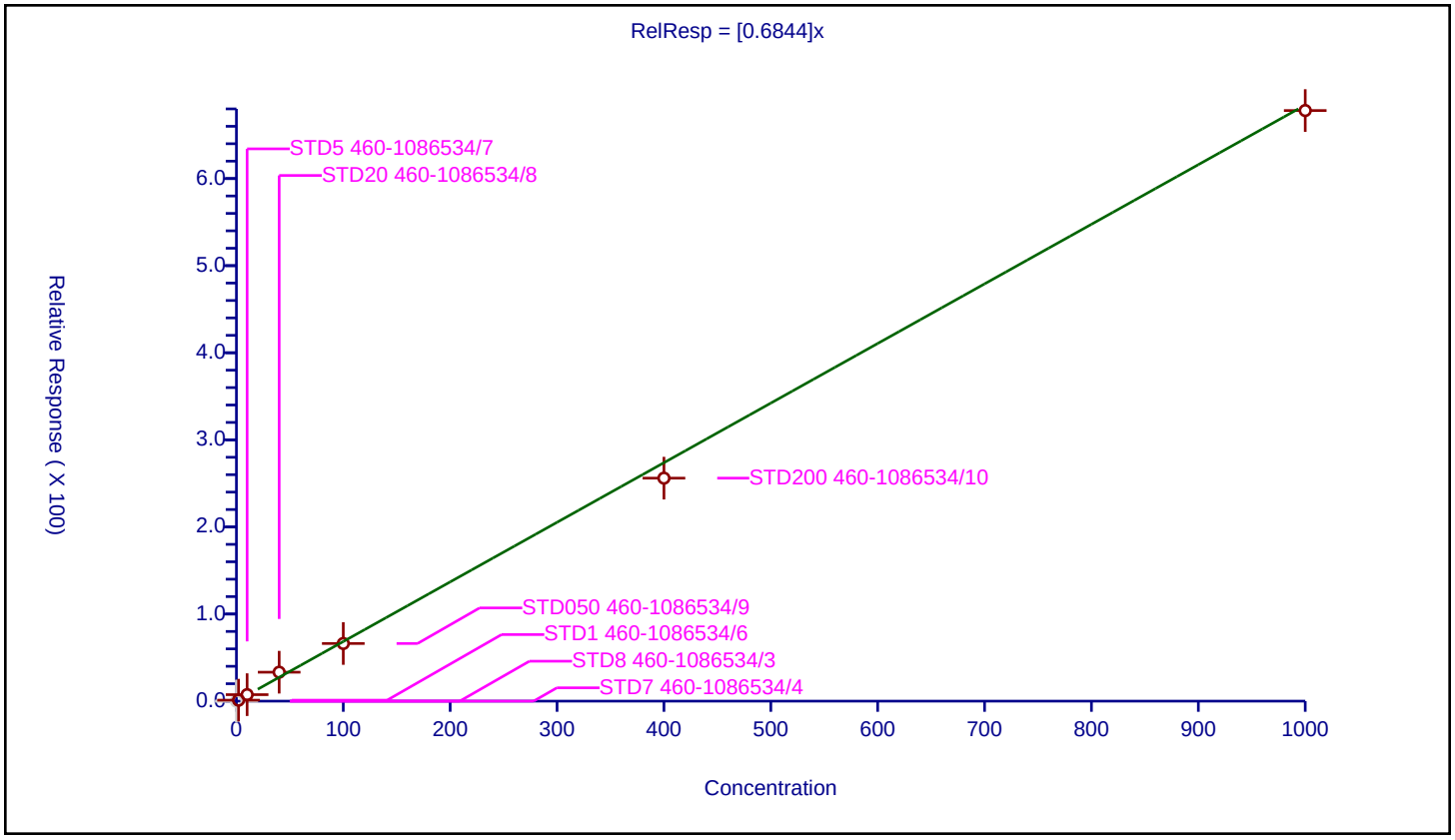
Curve Coefficients

Intercept:	0
Slope:	0.6844

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	250.0	194329.0	NaN	N
2	STD8 460-1086534/3	0.4	0.0	250.0	189944.0	0.0	N
3	STD1 460-1086534/6	2.0	1.103417	250.0	210256.0	0.551708	Y
4	STD5 460-1086534/7	10.0	7.438416	250.0	217385.0	0.743842	Y
5	STD20 460-1086534/8	40.0	33.226951	250.0	208212.0	0.830674	Y
6	STD050 460-1086534/9	100.0	66.203769	250.0	239722.0	0.662038	Y
7	STD200 460-1086534/10	400.0	256.021304	250.0	249157.0	0.640053	Y
8	STD500 460-1086534/11	1000.0	678.094957	250.0	267217.0	0.678095	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

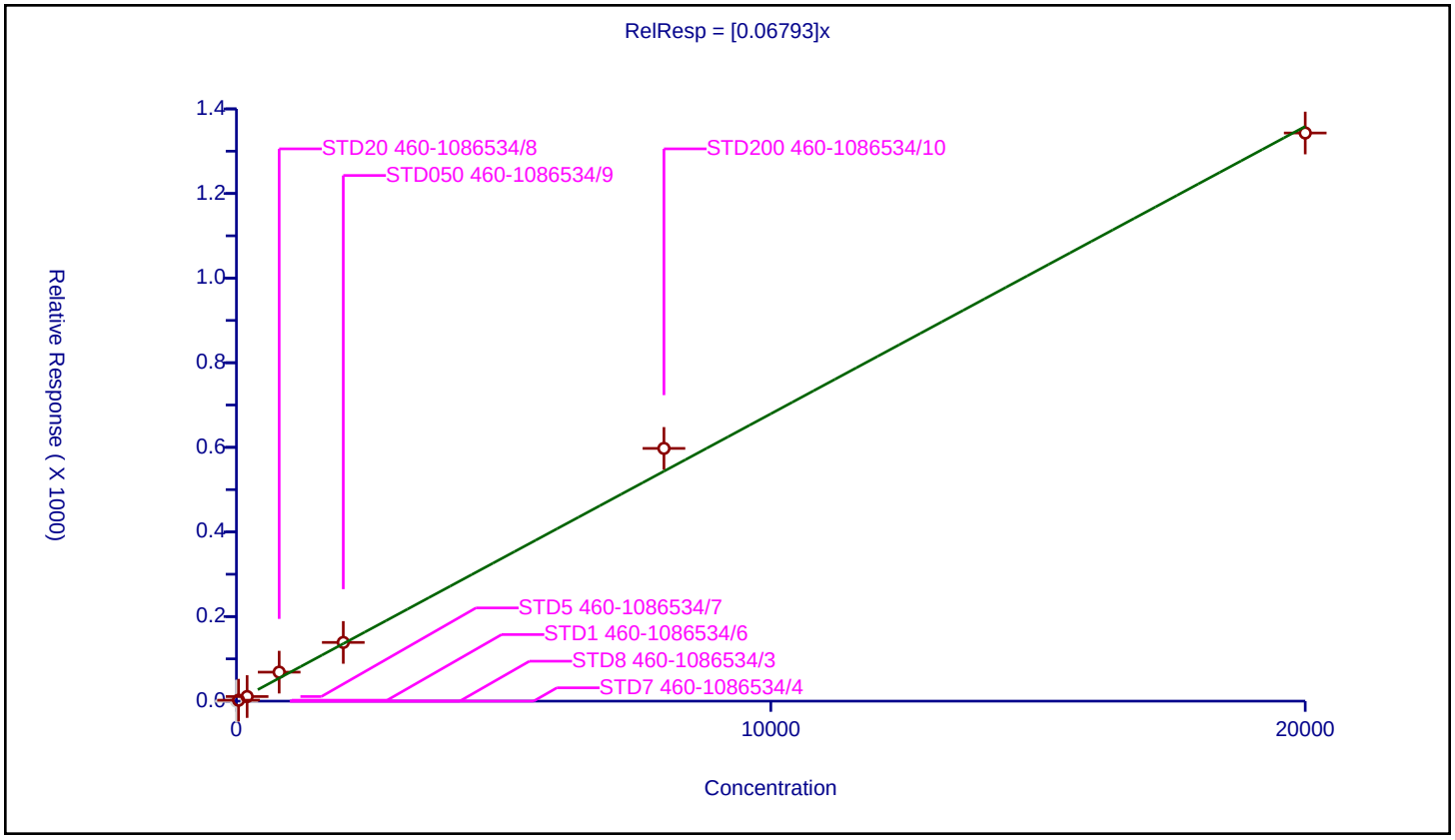
Curve Coefficients

Intercept:	0
Slope:	0.06793

Error Coefficients

Relative Standard Deviation:	17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	1000.0	216188.0	NaN	N
2	STD8 460-1086534/3	8.0	0.0	1000.0	216946.0	0.0	N
3	STD1 460-1086534/6	40.0	2.253983	1000.0	235583.0	0.05635	Y
4	STD5 460-1086534/7	200.0	10.859925	1000.0	234532.0	0.0543	Y
5	STD20 460-1086534/8	800.0	68.537758	1000.0	220798.0	0.085672	Y
6	STD050 460-1086534/9	2000.0	138.804389	1000.0	251152.0	0.069402	Y
7	STD200 460-1086534/10	8000.0	597.48045	1000.0	246552.0	0.074685	Y
8	STD500 460-1086534/11	20000.0	1343.029315	1000.0	282110.0	0.067151	Y



Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

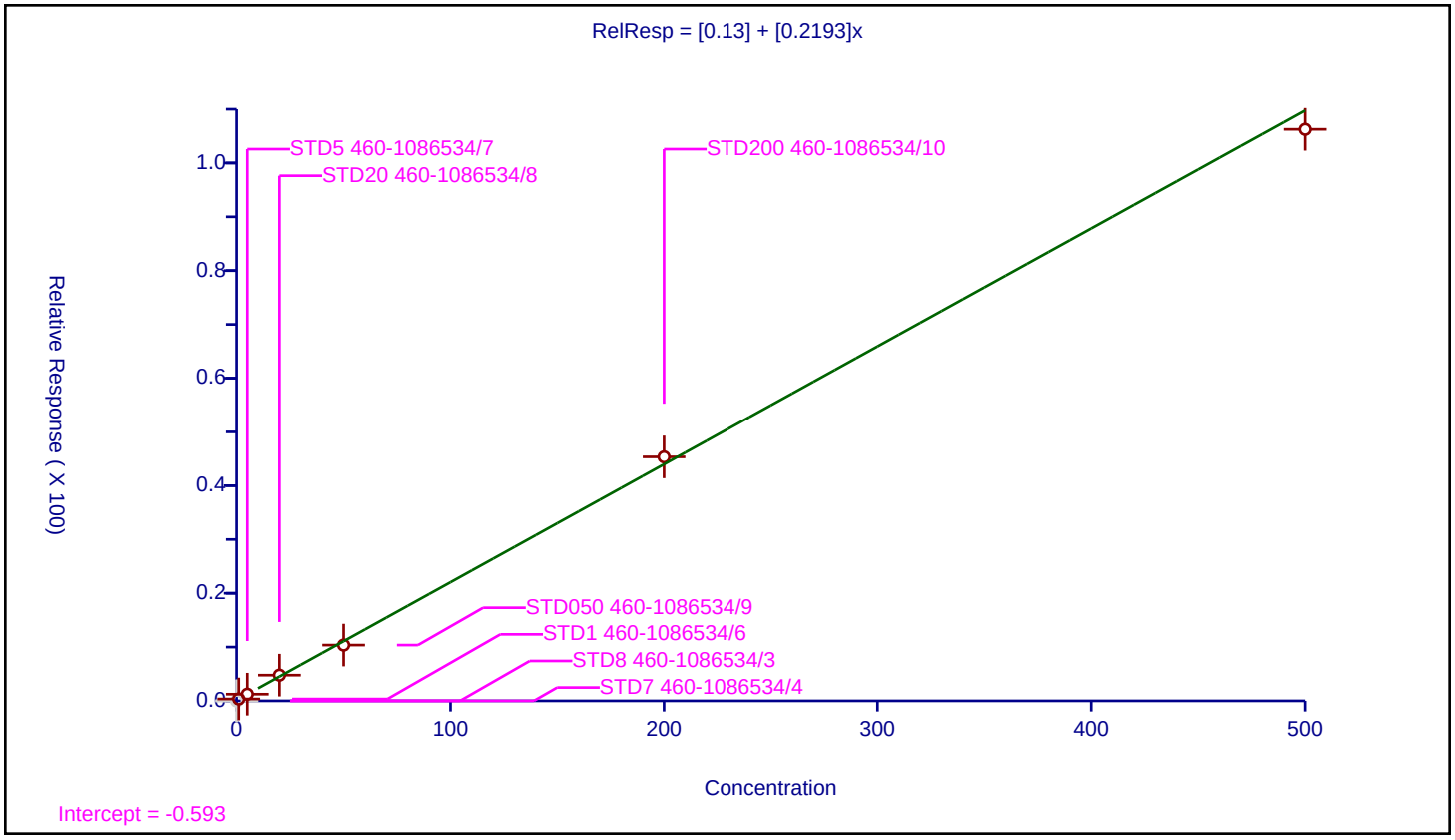
Curve Coefficients

Intercept:	0.13
Slope:	0.2193

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.34836	50.0	711763.0	0.34836	Y
4	STD5 460-1086534/7	5.0	1.238468	50.0	705347.0	0.247694	Y
5	STD20 460-1086534/8	20.0	4.77738	50.0	677725.0	0.238869	Y
6	STD050 460-1086534/9	50.0	10.36853	50.0	738393.0	0.207371	Y
7	STD200 460-1086534/10	200.0	45.352539	50.0	733820.0	0.226763	Y
8	STD500 460-1086534/11	500.0	106.265569	50.0	745080.0	0.212531	Y



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Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

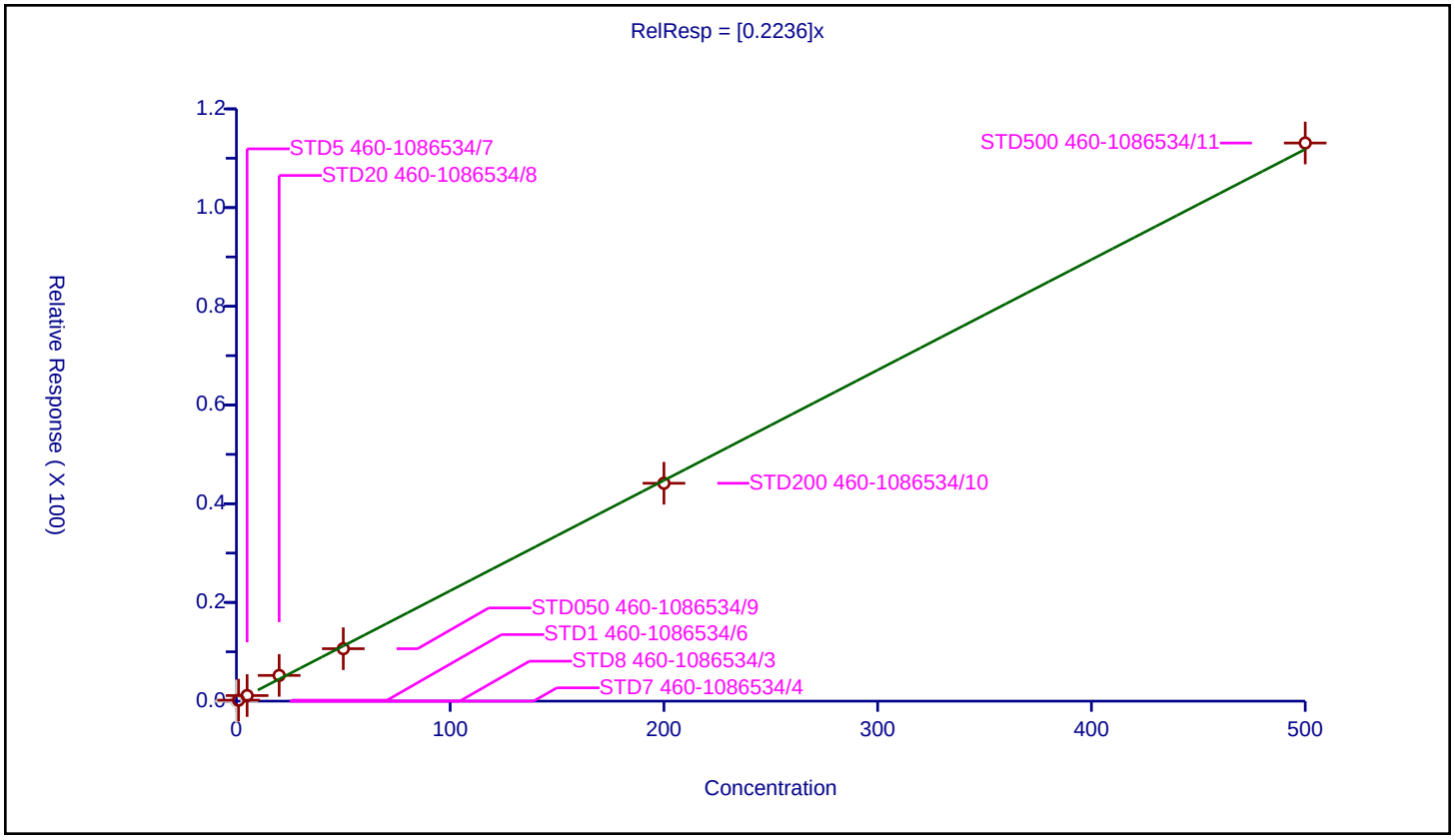
Curve Coefficients

Intercept:	0
Slope:	0.2236

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.195992	50.0	711763.0	0.195992	Y
4	STD5 460-1086534/7	5.0	1.129515	50.0	705347.0	0.225903	Y
5	STD20 460-1086534/8	20.0	5.212586	50.0	677725.0	0.260629	Y
6	STD050 460-1086534/9	50.0	10.622189	50.0	738393.0	0.212444	Y
7	STD200 460-1086534/10	200.0	44.147202	50.0	733820.0	0.220736	Y
8	STD500 460-1086534/11	500.0	113.086313	50.0	745080.0	0.226173	Y



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

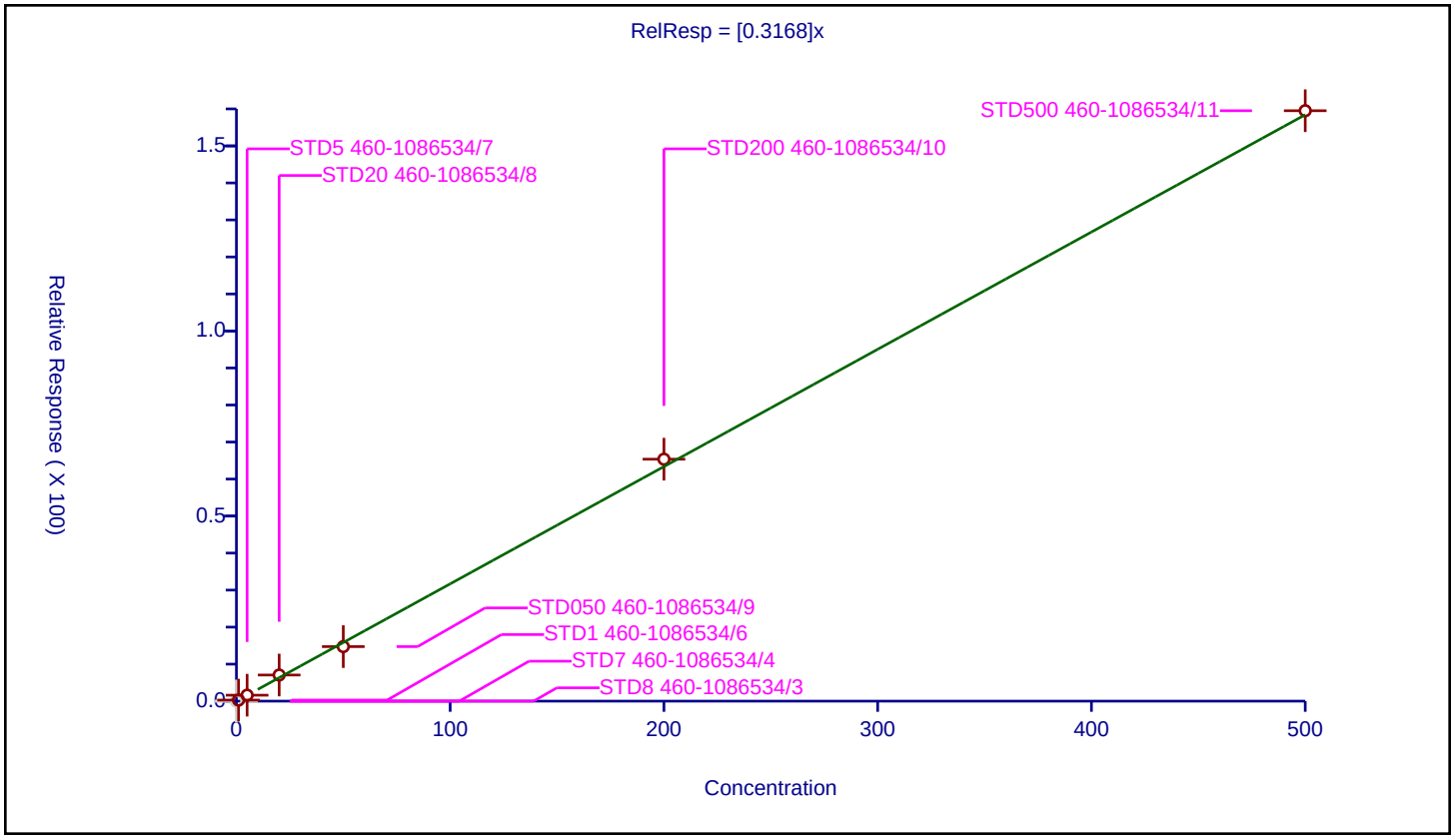
Curve Coefficients

Intercept:	0
Slope:	0.3168

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	0.0	0.0	50.0	669059.0	NaN	N
2	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
3	STD1 460-1086534/6	1.0	0.286121	50.0	711763.0	0.286121	Y
4	STD5 460-1086534/7	5.0	1.609137	50.0	705347.0	0.321827	Y
5	STD20 460-1086534/8	20.0	7.052639	50.0	677725.0	0.352632	Y
6	STD050 460-1086534/9	50.0	14.73118	50.0	738393.0	0.294624	Y
7	STD200 460-1086534/10	200.0	65.364871	50.0	733820.0	0.326824	Y
8	STD500 460-1086534/11	500.0	159.506496	50.0	745080.0	0.319013	Y



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Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

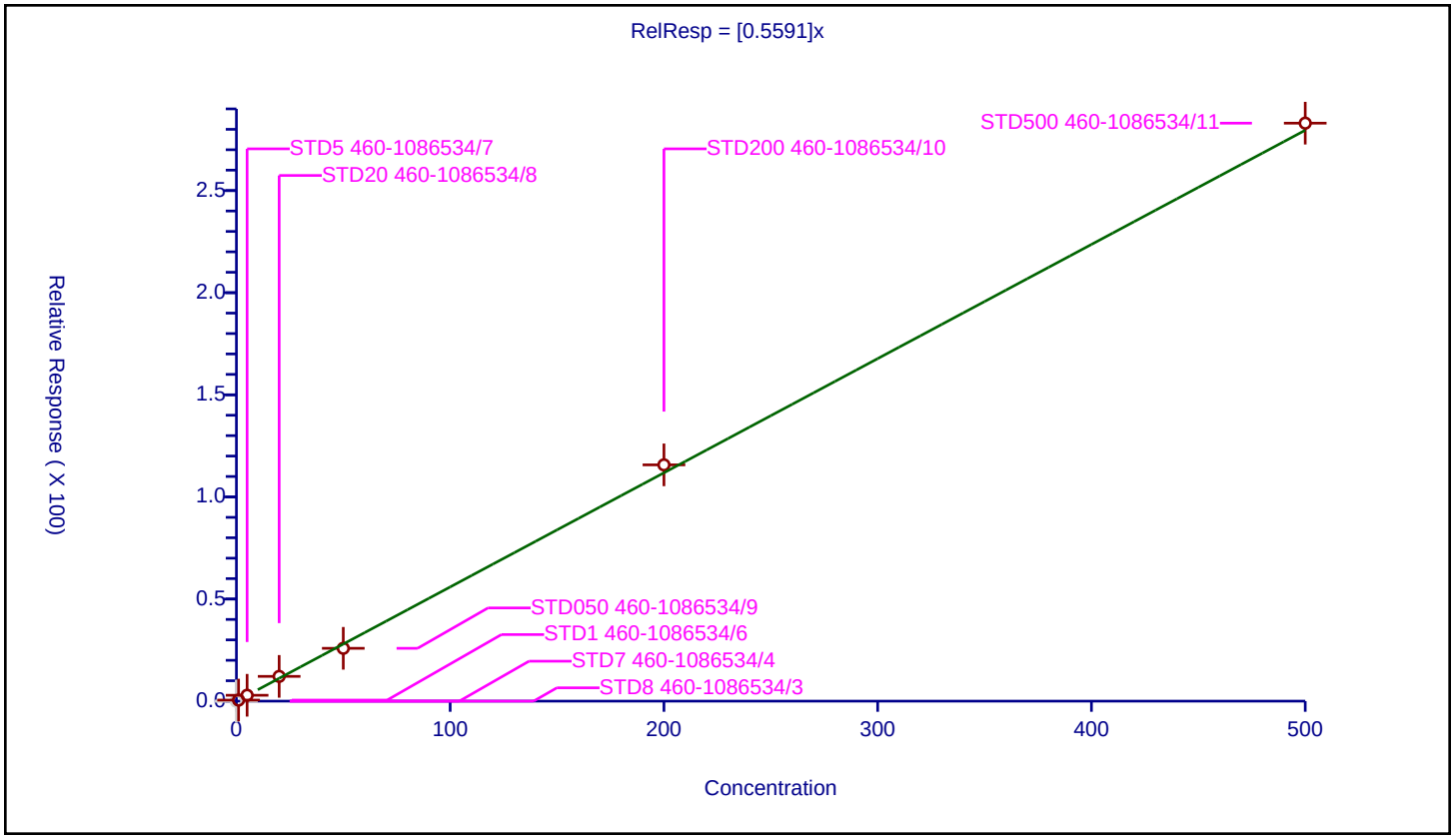
Curve Coefficients

Intercept:	0
Slope:	0.5591

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	0.0	0.0	50.0	669059.0	NaN	N
2	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
3	STD1 460-1086534/6	1.0	0.510142	50.0	711763.0	0.510142	Y
4	STD5 460-1086534/7	5.0	2.880852	50.0	705347.0	0.57617	Y
5	STD20 460-1086534/8	20.0	12.124387	50.0	677725.0	0.606219	Y
6	STD050 460-1086534/9	50.0	25.870844	50.0	738393.0	0.517417	Y
7	STD200 460-1086534/10	200.0	115.693222	50.0	733820.0	0.578466	Y
8	STD500 460-1086534/11	500.0	283.003235	50.0	745080.0	0.566006	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

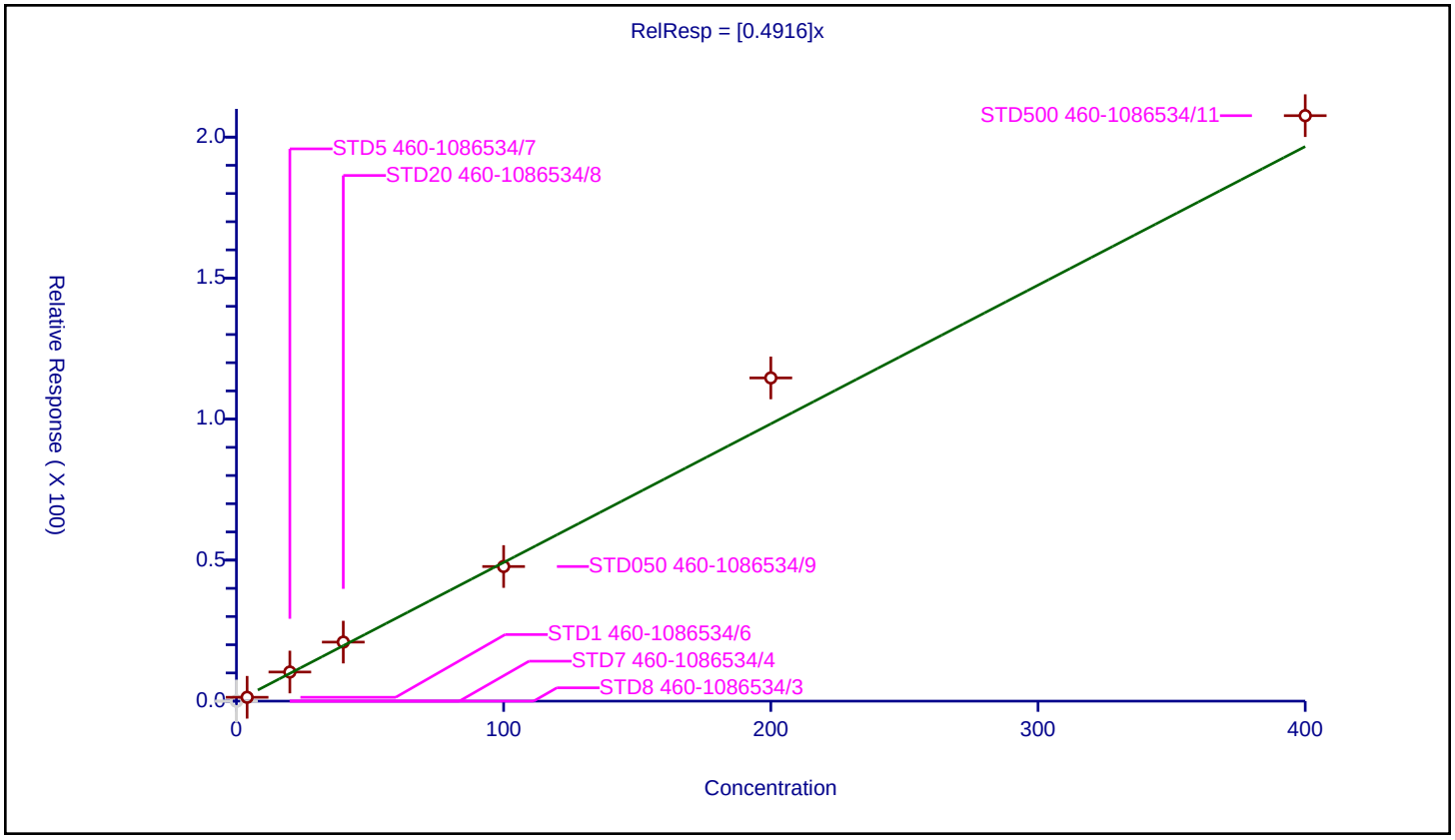
Curve Coefficients

Intercept:	0
Slope:	0.4916

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	0.0	0.0	250.0	189944.0	NaN	N
2	STD7 460-1086534/4	0.0	0.0	250.0	194329.0	NaN	N
3	STD1 460-1086534/6	4.0	1.363814	250.0	210256.0	0.340953	Y
4	STD5 460-1086534/7	20.0	10.326149	250.0	217385.0	0.516307	Y
5	STD20 460-1086534/8	40.0	20.928189	250.0	208212.0	0.523205	Y
6	STD050 460-1086534/9	100.0	47.737588	250.0	239722.0	0.477376	Y
7	STD200 460-1086534/10	200.0	114.609463	250.0	249157.0	0.573047	Y
8	STD500 460-1086534/11	400.0	207.603745	250.0	267217.0	0.519009	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

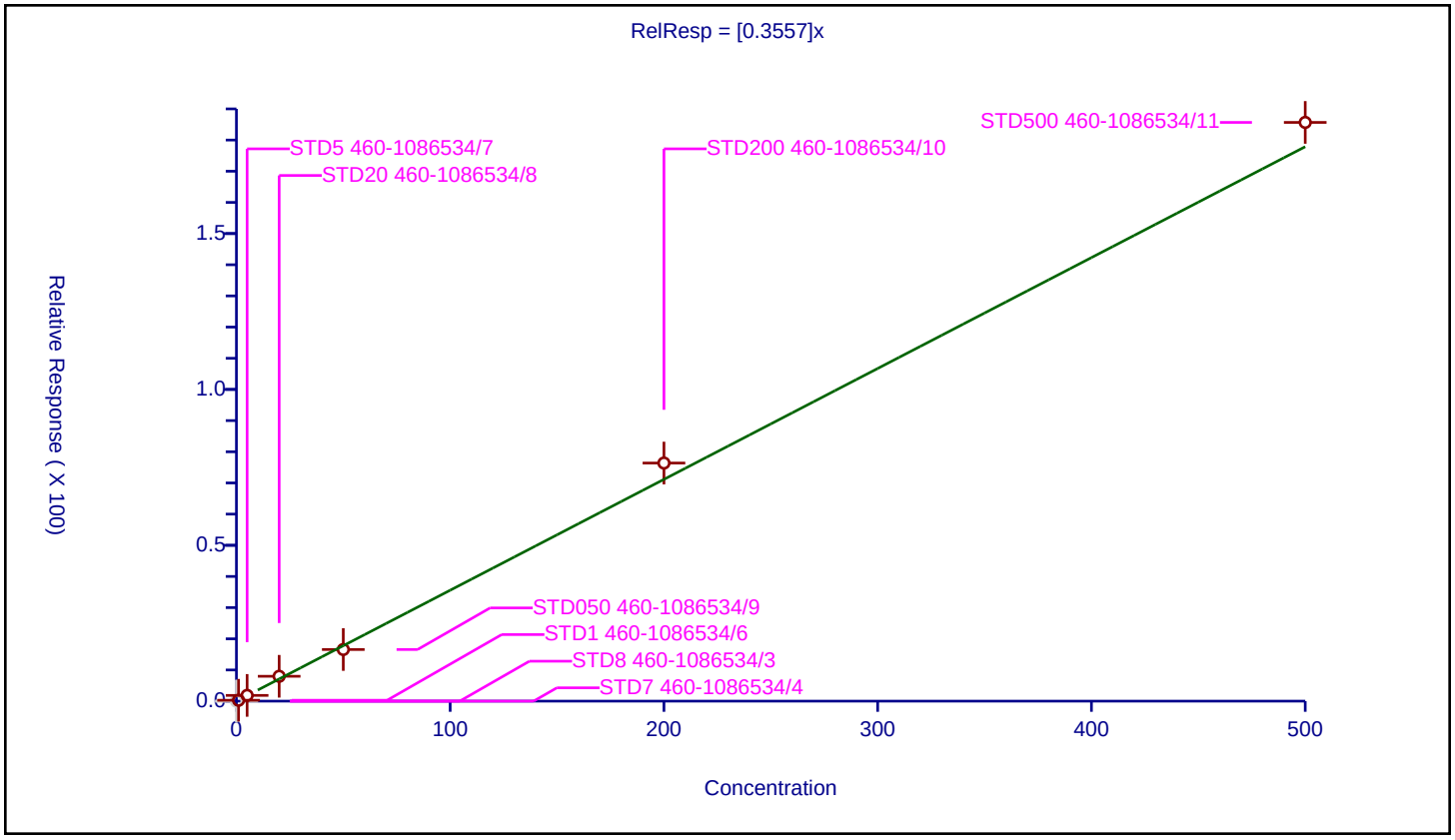
Curve Coefficients

Intercept:	0
Slope:	0.3557

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.2831	50.0	711763.0	0.2831	Y
4	STD5 460-1086534/7	5.0	1.83874	50.0	705347.0	0.367748	Y
5	STD20 460-1086534/8	20.0	7.97949	50.0	677725.0	0.398975	Y
6	STD050 460-1086534/9	50.0	16.56672	50.0	738393.0	0.331334	Y
7	STD200 460-1086534/10	200.0	76.387057	50.0	733820.0	0.381935	Y
8	STD500 460-1086534/11	500.0	185.657312	50.0	745080.0	0.371315	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

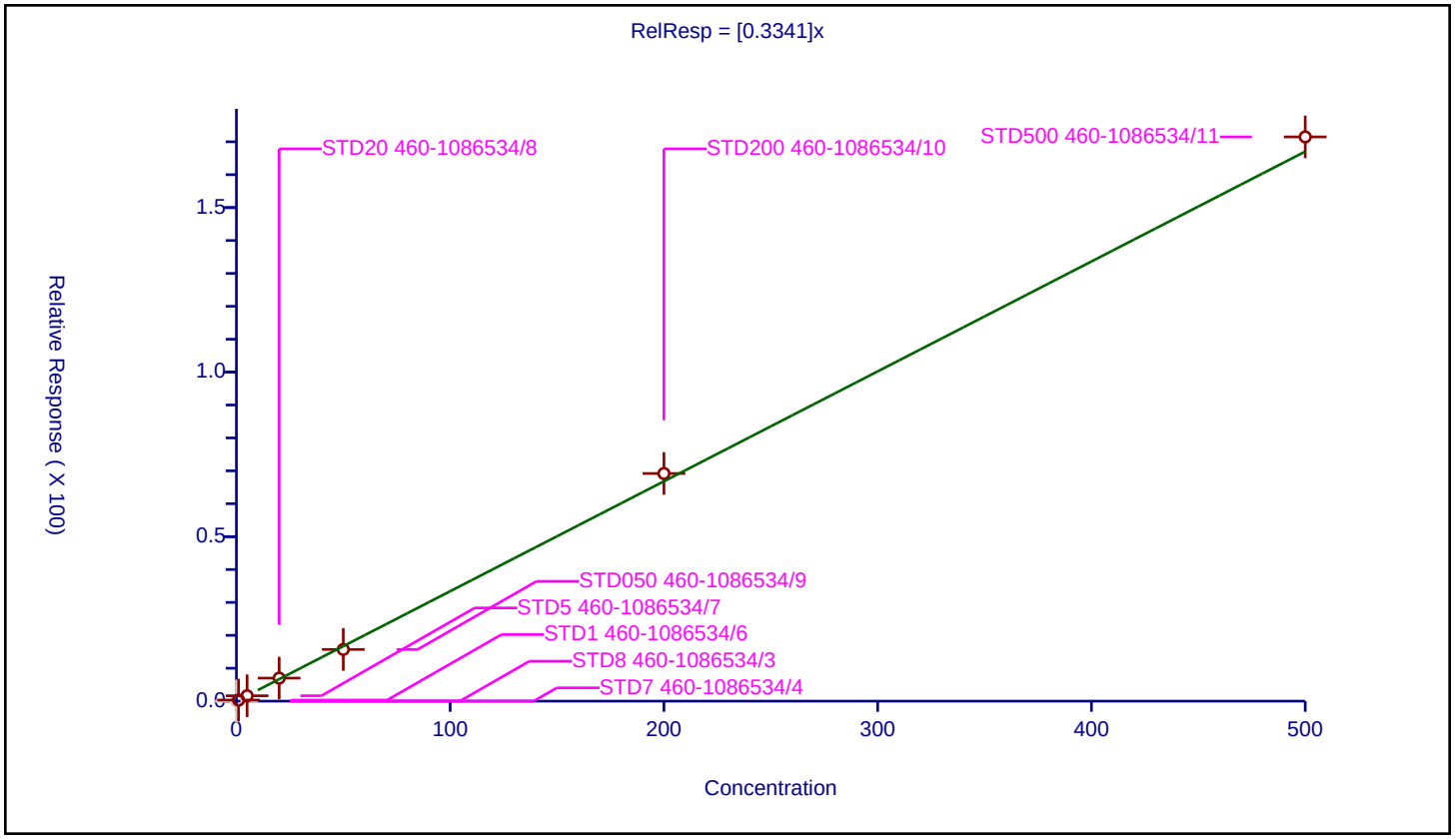
Curve Coefficients

Intercept:	0
Slope:	0.3341

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.32574	50.0	711763.0	0.32574	Y
4	STD5 460-1086534/7	5.0	1.628347	50.0	705347.0	0.325669	Y
5	STD20 460-1086534/8	20.0	6.999447	50.0	677725.0	0.349972	Y
6	STD050 460-1086534/9	50.0	15.70451	50.0	738393.0	0.31409	Y
7	STD200 460-1086534/10	200.0	69.192786	50.0	733820.0	0.345964	Y
8	STD500 460-1086534/11	500.0	171.481519	50.0	745080.0	0.342963	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

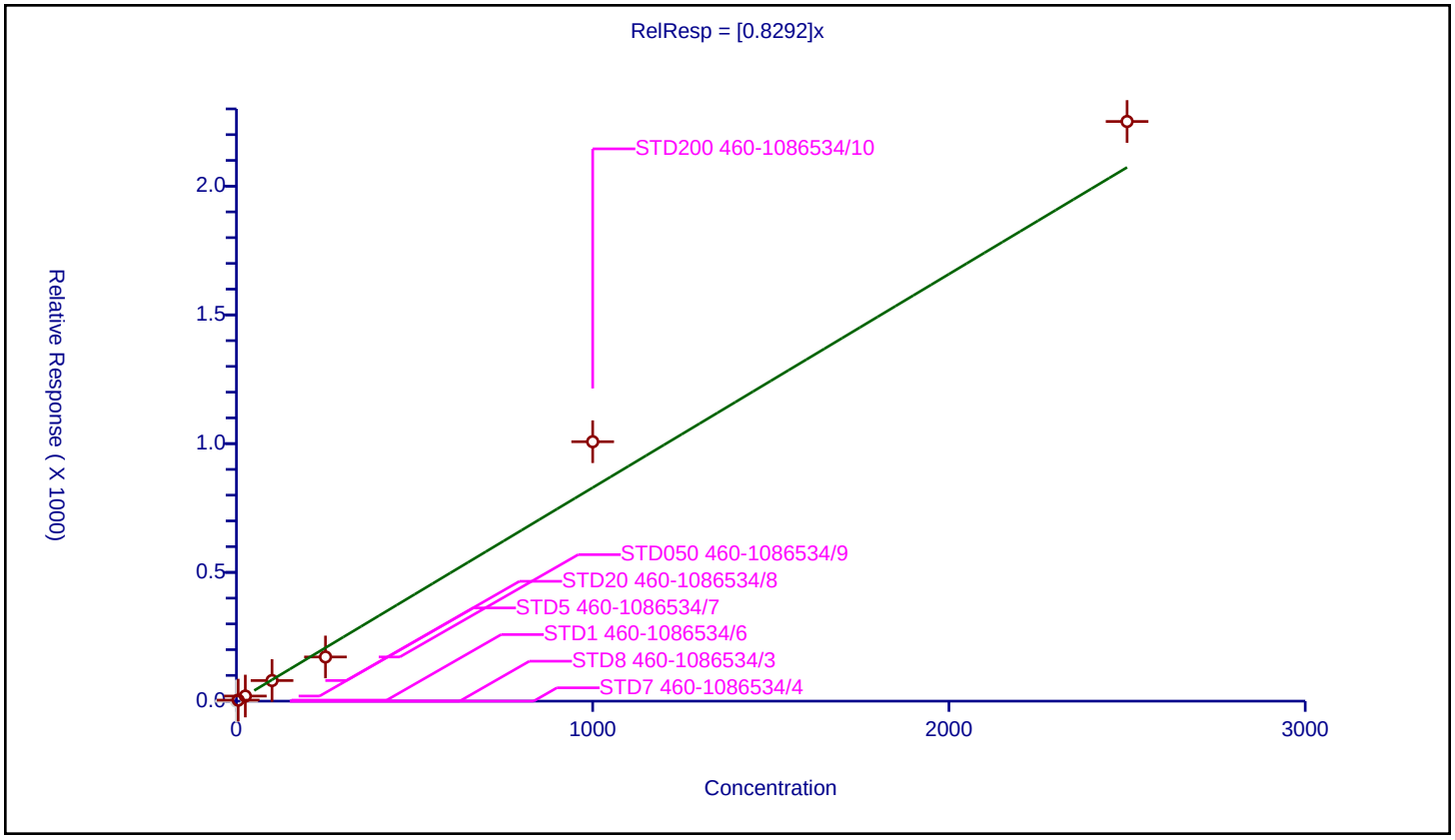
Curve Coefficients

Intercept:	0
Slope:	0.8292

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	250.0	194329.0	NaN	N
2	STD8 460-1086534/3	1.0	0.0	250.0	189944.0	0.0	N
3	STD1 460-1086534/6	5.0	3.953514	250.0	210256.0	0.790703	Y
4	STD5 460-1086534/7	25.0	19.762173	250.0	217385.0	0.790487	Y
5	STD20 460-1086534/8	100.0	79.97858	250.0	208212.0	0.799786	Y
6	STD050 460-1086534/9	250.0	171.589383	250.0	239722.0	0.686358	Y
7	STD200 460-1086534/10	1000.0	1007.453132	250.0	249157.0	1.007453	Y
8	STD500 460-1086534/11	2500.0	2251.103972	250.0	267217.0	0.900442	Y



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Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

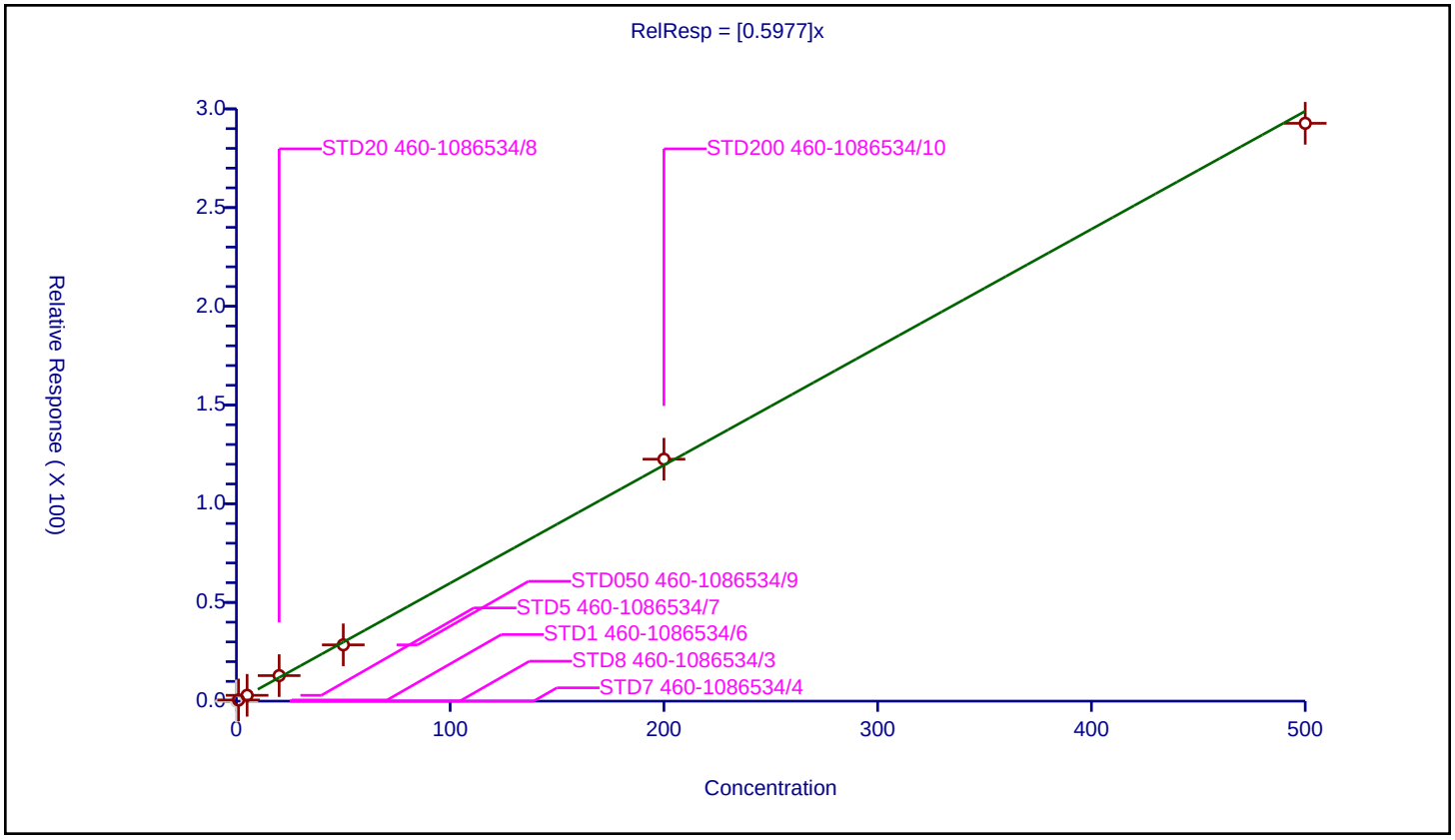
Curve Coefficients

Intercept:	0
Slope:	0.5977

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.58053	50.0	711763.0	0.58053	Y
4	STD5 460-1086534/7	5.0	2.951101	50.0	705347.0	0.59022	Y
5	STD20 460-1086534/8	20.0	12.935704	50.0	677725.0	0.646785	Y
6	STD050 460-1086534/9	50.0	28.514016	50.0	738393.0	0.57028	Y
7	STD200 460-1086534/10	200.0	122.563435	50.0	733820.0	0.612817	Y
8	STD500 460-1086534/11	500.0	292.696422	50.0	745080.0	0.585393	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

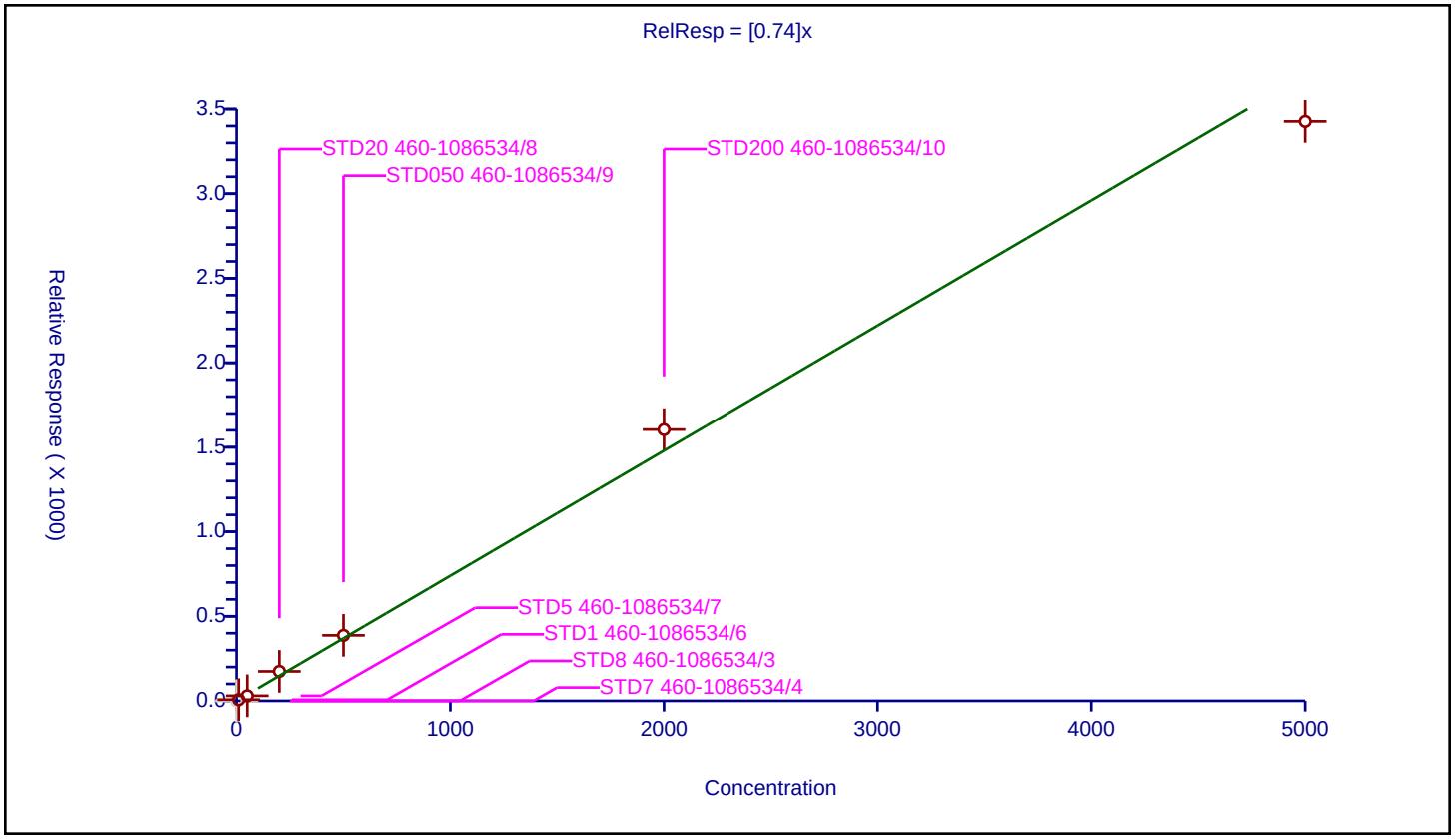
Curve Coefficients

Intercept:	0
Slope:	0.74

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	1000.0	216188.0	NaN	N
2	STD8 460-1086534/3	2.0	0.0	1000.0	216946.0	0.0	N
3	STD1 460-1086534/6	10.0	7.067573	1000.0	235583.0	0.706757	Y
4	STD5 460-1086534/7	50.0	30.025753	1000.0	234532.0	0.600515	Y
5	STD20 460-1086534/8	200.0	174.09578	1000.0	220798.0	0.870479	Y
6	STD050 460-1086534/9	500.0	387.323215	1000.0	251152.0	0.774646	Y
7	STD200 460-1086534/10	2000.0	1604.541841	1000.0	246552.0	0.802271	Y
8	STD500 460-1086534/11	5000.0	3427.152529	1000.0	282110.0	0.685431	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

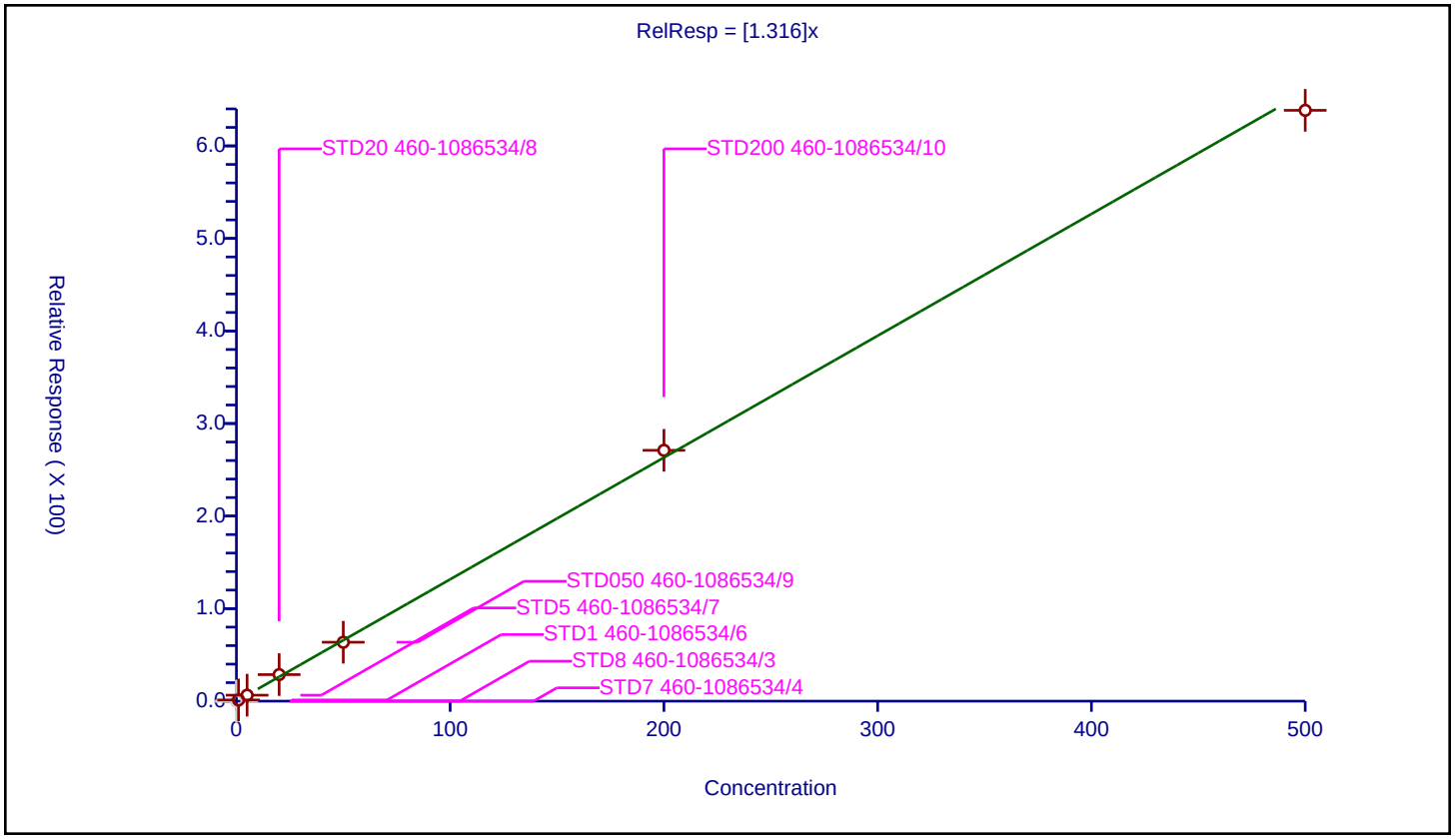
Curve Coefficients

Intercept:	0
Slope:	1.316

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	1.273036	50.0	711763.0	1.273036	Y
4	STD5 460-1086534/7	5.0	6.424143	50.0	705347.0	1.284829	Y
5	STD20 460-1086534/8	20.0	28.680807	50.0	677725.0	1.43404	Y
6	STD050 460-1086534/9	50.0	63.661289	50.0	738393.0	1.273226	Y
7	STD200 460-1086534/10	200.0	271.047055	50.0	733820.0	1.355235	Y
8	STD500 460-1086534/11	500.0	638.434128	50.0	745080.0	1.276868	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

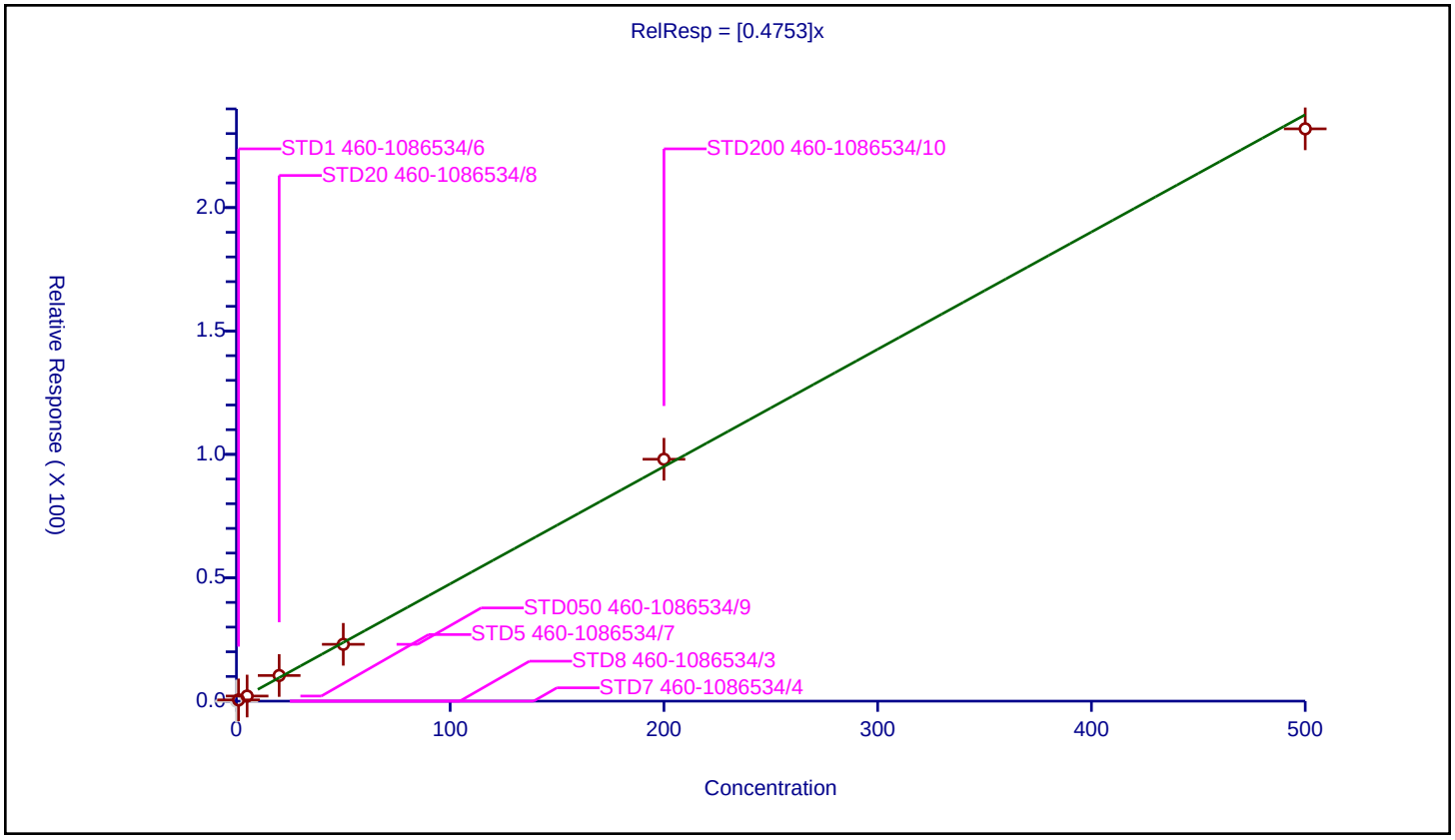
Curve Coefficients

Intercept:	0
Slope:	0.4753

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.505295	50.0	711763.0	0.505295	Y
4	STD5 460-1086534/7	5.0	2.062956	50.0	705347.0	0.412591	Y
5	STD20 460-1086534/8	20.0	10.389612	50.0	677725.0	0.519481	Y
6	STD050 460-1086534/9	50.0	23.023241	50.0	738393.0	0.460465	Y
7	STD200 460-1086534/10	200.0	98.023289	50.0	733820.0	0.490116	Y
8	STD500 460-1086534/11	500.0	231.921069	50.0	745080.0	0.463842	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

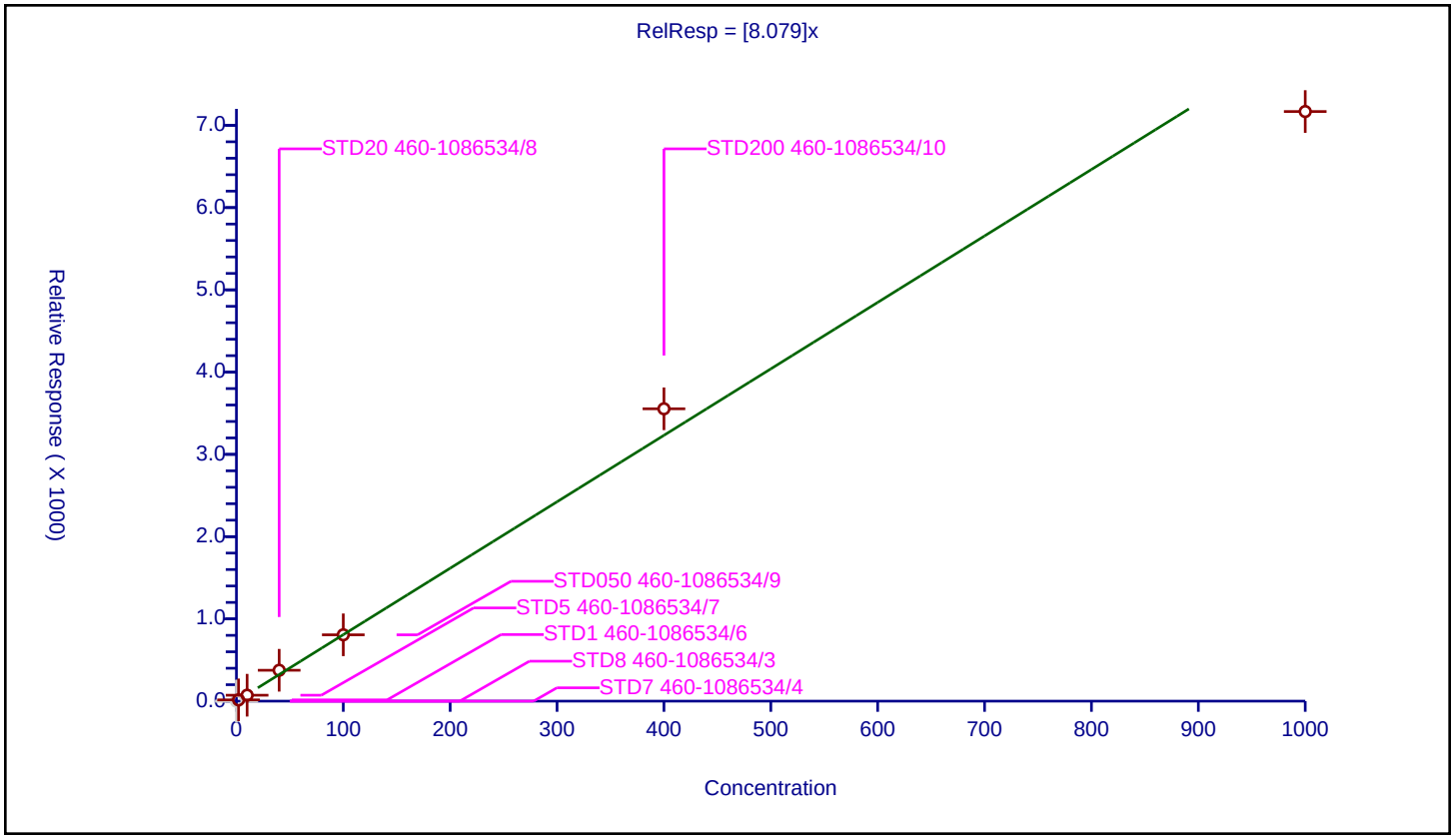
Curve Coefficients

Intercept:	0
Slope:	8.079

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	1000.0	216188.0	NaN	N
2	STD8 460-1086534/3	0.4	0.0	1000.0	216946.0	0.0	N
3	STD1 460-1086534/6	2.0	15.523191	1000.0	235583.0	7.761596	Y
4	STD5 460-1086534/7	10.0	72.079716	1000.0	234532.0	7.207972	Y
5	STD20 460-1086534/8	40.0	375.524235	1000.0	220798.0	9.388106	Y
6	STD050 460-1086534/9	100.0	806.443906	1000.0	251152.0	8.064439	Y
7	STD200 460-1086534/10	400.0	3553.956163	1000.0	246552.0	8.88489	Y
8	STD500 460-1086534/11	1000.0	7167.828152	1000.0	282110.0	7.167828	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

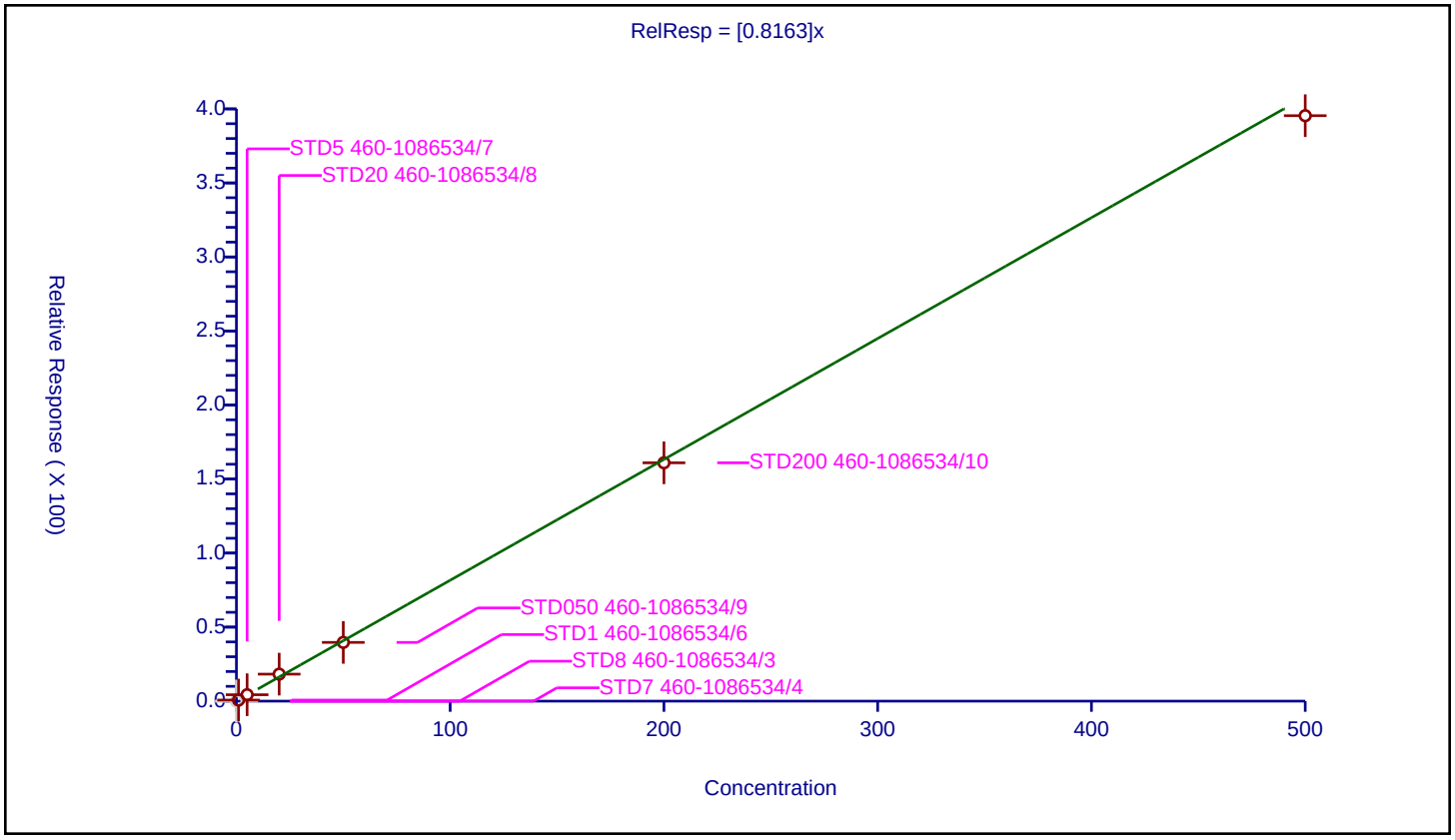
Curve Coefficients

Intercept:	0
Slope:	0.8163

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.733039	50.0	711763.0	0.733039	Y
4	STD5 460-1086534/7	5.0	4.31993	50.0	705347.0	0.863986	Y
5	STD20 460-1086534/8	20.0	18.232469	50.0	677725.0	0.911623	Y
6	STD050 460-1086534/9	50.0	39.681443	50.0	738393.0	0.793629	Y
7	STD200 460-1086534/10	200.0	160.971015	50.0	733820.0	0.804855	Y
8	STD500 460-1086534/11	500.0	395.41264	50.0	745080.0	0.790825	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

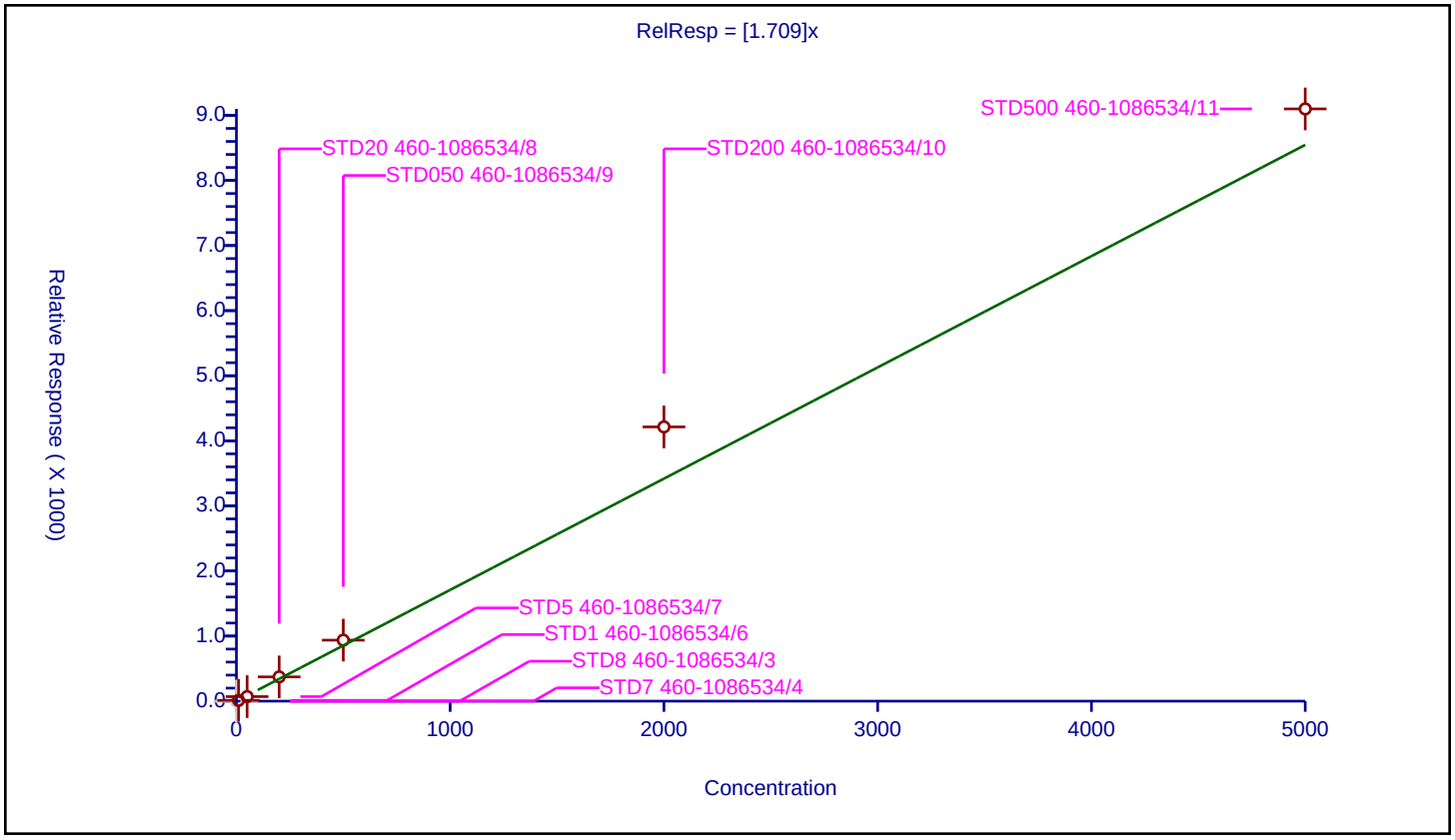
Curve Coefficients

Intercept:	0
Slope:	1.709

Error Coefficients

Relative Standard Deviation:	20.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	1000.0	216188.0	NaN	N
2	STD8 460-1086534/3	2.0	0.0	1000.0	216946.0	0.0	N
3	STD1 460-1086534/6	10.0	11.94059	1000.0	235583.0	1.194059	Y
4	STD5 460-1086534/7	50.0	69.943547	1000.0	234532.0	1.398871	Y
5	STD20 460-1086534/8	200.0	372.544135	1000.0	220798.0	1.862721	Y
6	STD050 460-1086534/9	500.0	936.755431	1000.0	251152.0	1.873511	Y
7	STD200 460-1086534/10	2000.0	4213.715565	1000.0	246552.0	2.106858	Y
8	STD500 460-1086534/11	5000.0	9099.783772	1000.0	282110.0	1.819957	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

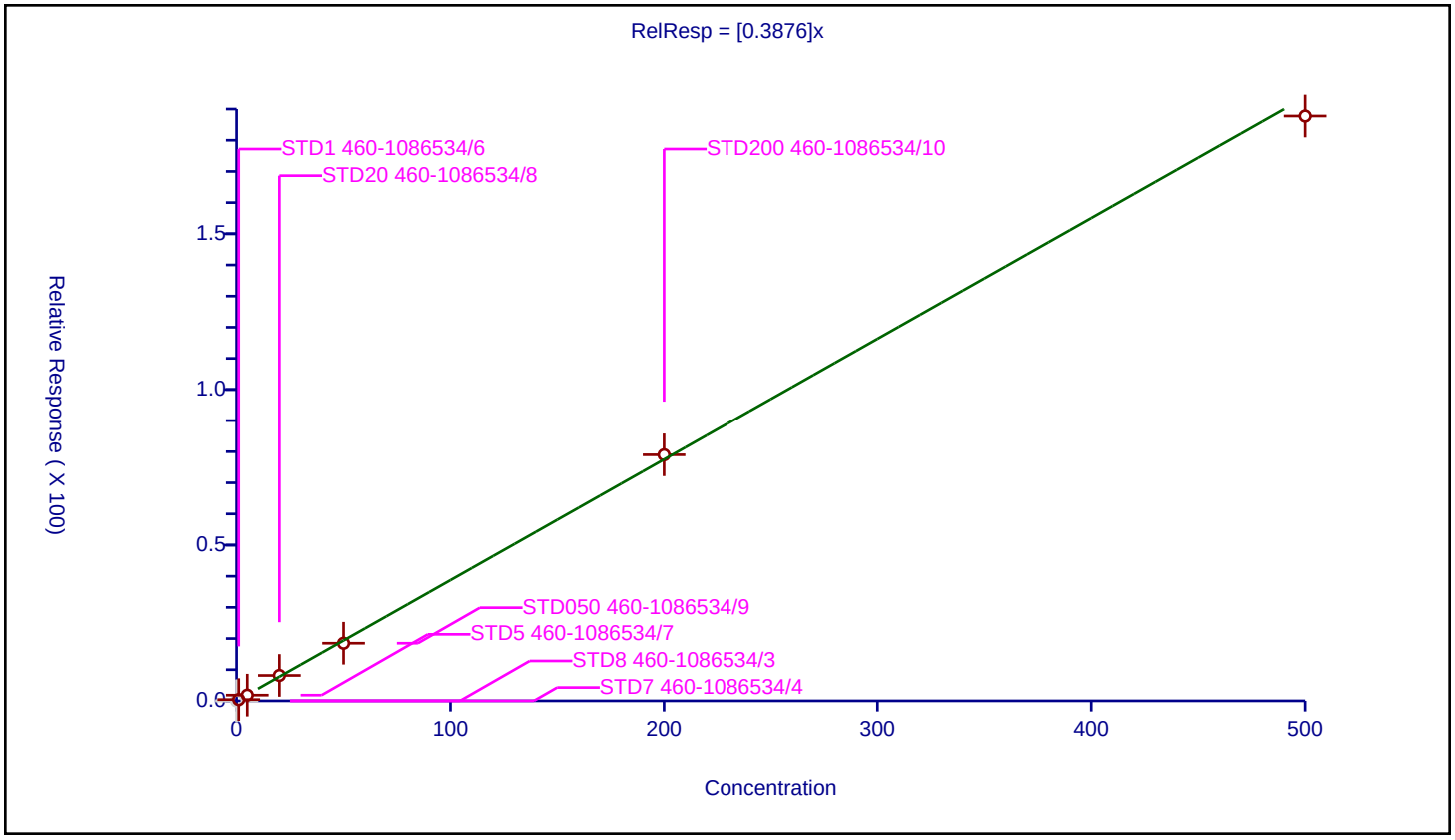
Curve Coefficients

Intercept:	0
Slope:	0.3876

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.409898	50.0	711763.0	0.409898	Y
4	STD5 460-1086534/7	5.0	1.836118	50.0	705347.0	0.367224	Y
5	STD20 460-1086534/8	20.0	8.157365	50.0	677725.0	0.407868	Y
6	STD050 460-1086534/9	50.0	18.498821	50.0	738393.0	0.369976	Y
7	STD200 460-1086534/10	200.0	79.005887	50.0	733820.0	0.395029	Y
8	STD500 460-1086534/11	500.0	187.76675	50.0	745080.0	0.375533	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

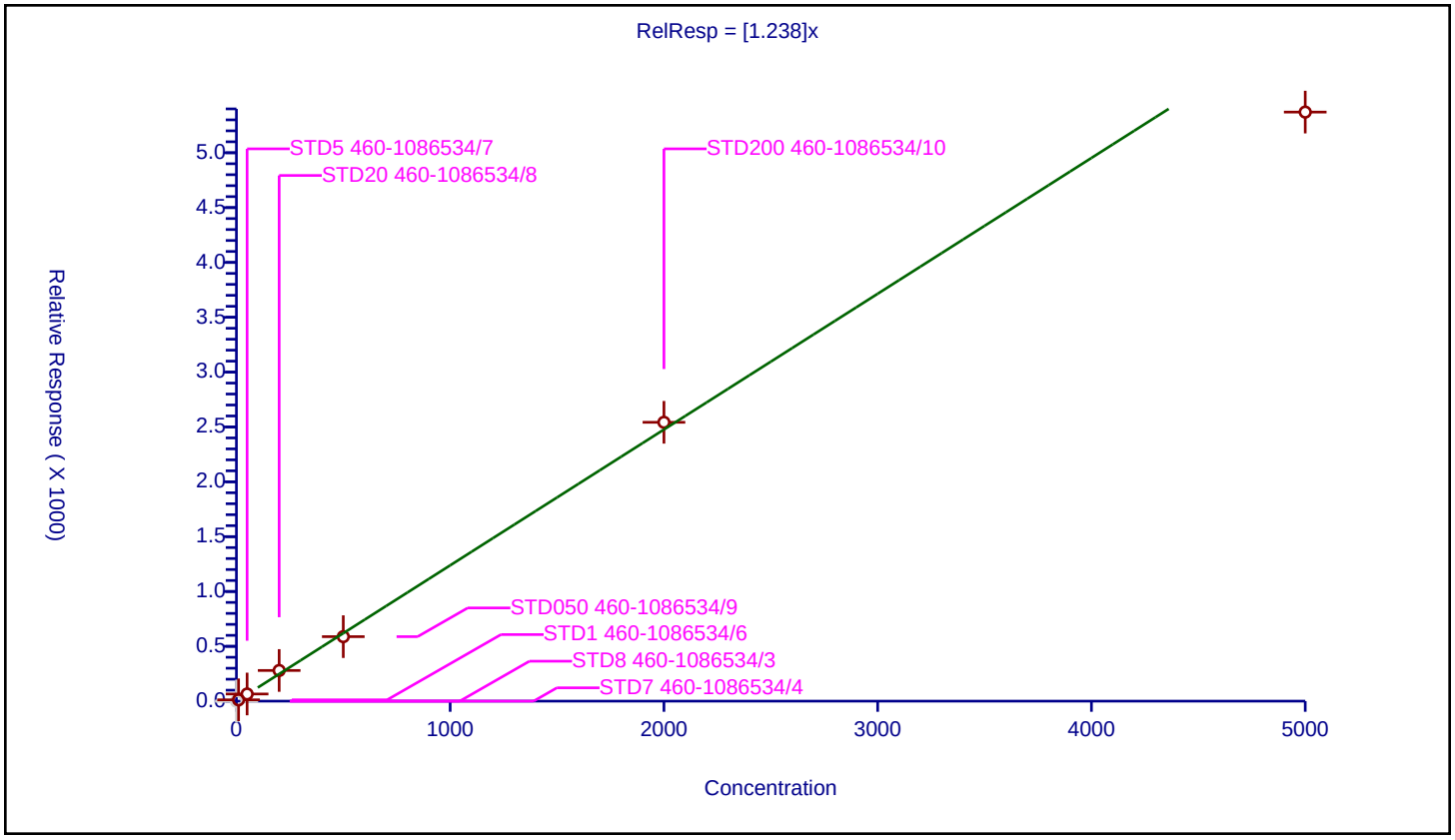
Curve Coefficients

Intercept:	0
Slope:	1.238

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	1000.0	216188.0	NaN	N
2	STD8 460-1086534/3	2.0	0.0	1000.0	216946.0	0.0	N
3	STD1 460-1086534/6	10.0	12.050954	1000.0	235583.0	1.205095	Y
4	STD5 460-1086534/7	50.0	65.240564	1000.0	234532.0	1.304811	Y
5	STD20 460-1086534/8	200.0	279.558692	1000.0	220798.0	1.397793	Y
6	STD050 460-1086534/9	500.0	587.934796	1000.0	251152.0	1.17587	Y
7	STD200 460-1086534/10	2000.0	2542.481911	1000.0	246552.0	1.271241	Y
8	STD500 460-1086534/11	5000.0	5370.904966	1000.0	282110.0	1.074181	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

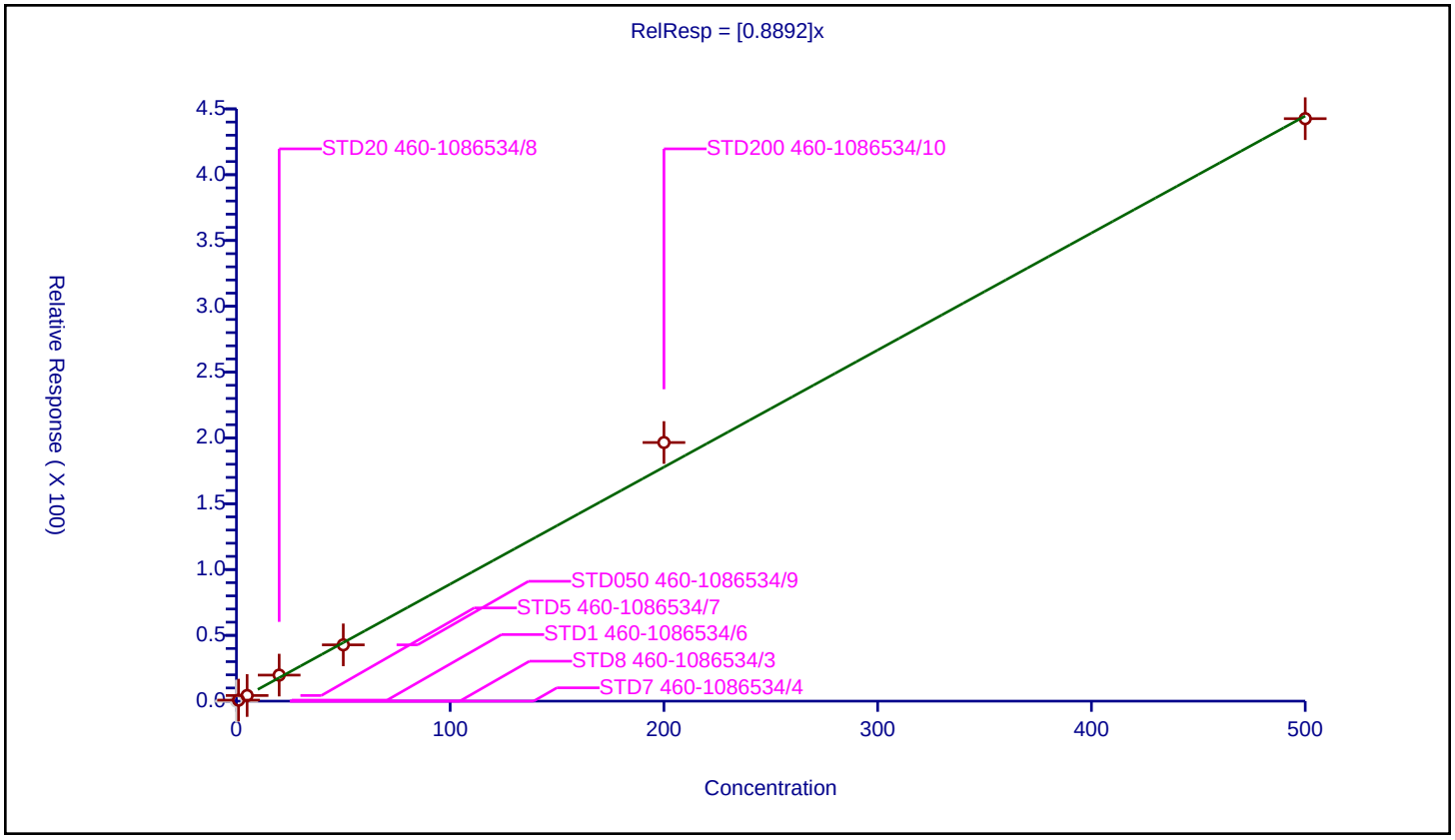
Curve Coefficients

Intercept:	0
Slope:	0.8892

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.768865	50.0	711763.0	0.768865	Y
4	STD5 460-1086534/7	5.0	4.270593	50.0	705347.0	0.854119	Y
5	STD20 460-1086534/8	20.0	19.775056	50.0	677725.0	0.988753	Y
6	STD050 460-1086534/9	50.0	42.780538	50.0	738393.0	0.855611	Y
7	STD200 460-1086534/10	200.0	196.519514	50.0	733820.0	0.982598	Y
8	STD500 460-1086534/11	500.0	442.573482	50.0	745080.0	0.885147	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

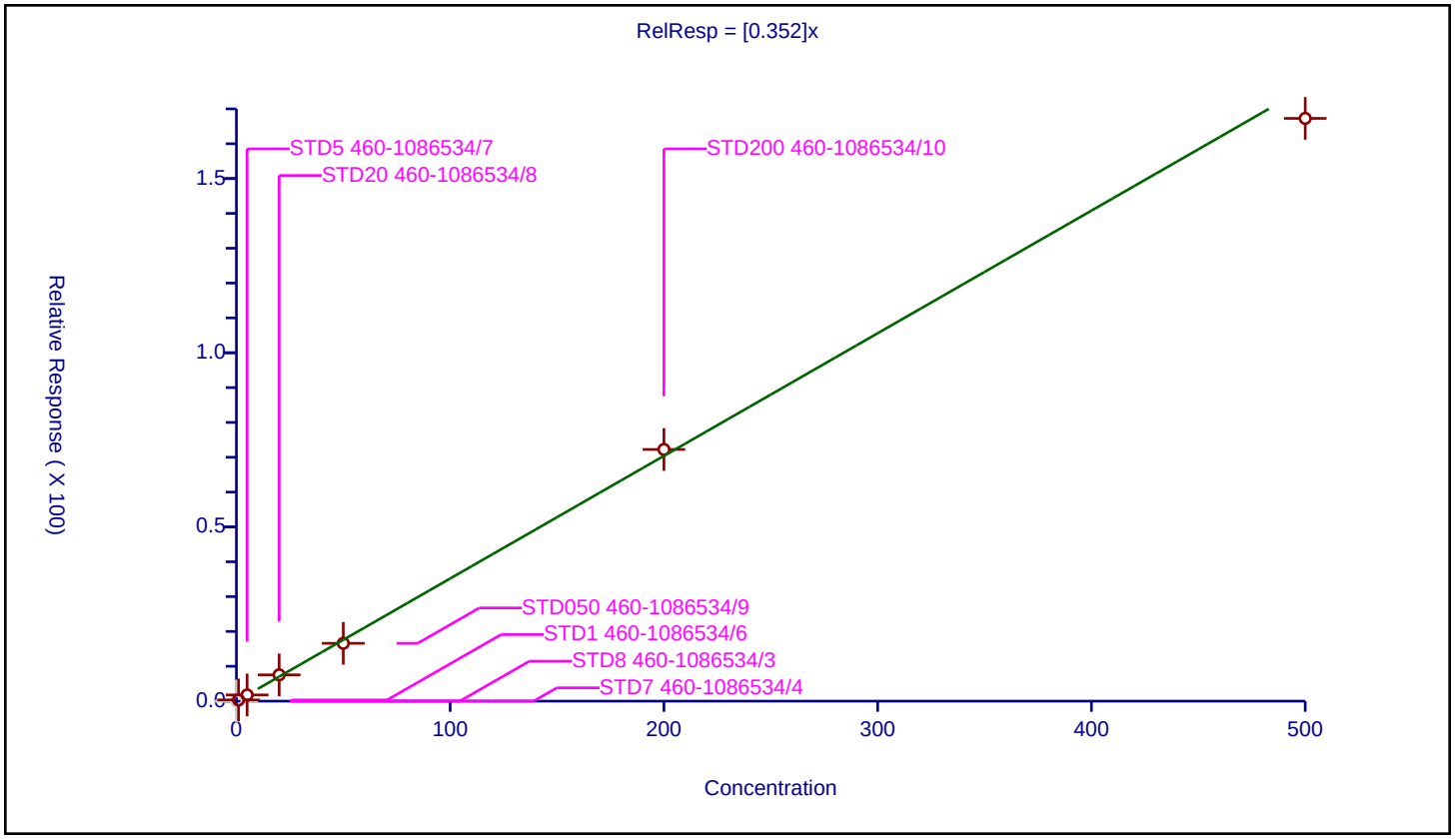
Curve Coefficients

Intercept:	0
Slope:	0.352

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.350889	50.0	711763.0	0.350889	Y
4	STD5 460-1086534/7	5.0	1.782102	50.0	705347.0	0.35642	Y
5	STD20 460-1086534/8	20.0	7.53971	50.0	677725.0	0.376986	Y
6	STD050 460-1086534/9	50.0	16.597259	50.0	738393.0	0.331945	Y
7	STD200 460-1086534/10	200.0	72.239241	50.0	733820.0	0.361196	Y
8	STD500 460-1086534/11	500.0	167.269354	50.0	745080.0	0.334539	Y



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Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

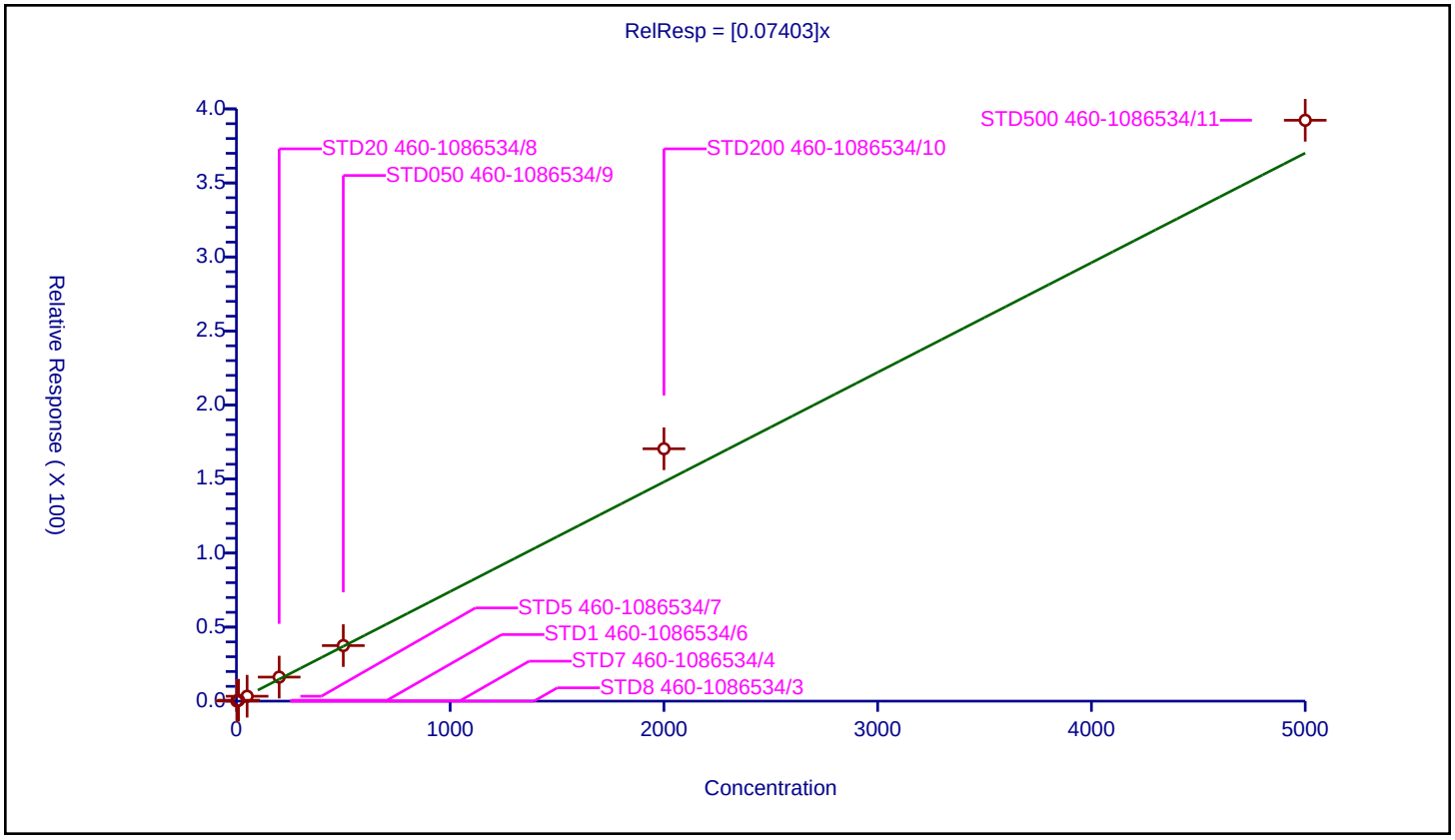
Curve Coefficients

Intercept:	0
Slope:	0.07403

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	2.0	0.0	50.0	669059.0	0.0	N
2	STD7 460-1086534/4	2.0	0.141627	50.0	697958.0	0.070814	Y
3	STD1 460-1086534/6	10.0	0.612001	50.0	711763.0	0.0612	Y
4	STD5 460-1086534/7	50.0	3.317729	50.0	705347.0	0.066355	Y
5	STD20 460-1086534/8	200.0	16.225829	50.0	677725.0	0.081129	Y
6	STD050 460-1086534/9	500.0	37.515794	50.0	738393.0	0.075032	Y
7	STD200 460-1086534/10	2000.0	170.44173	50.0	733820.0	0.085221	Y
8	STD500 460-1086534/11	5000.0	392.31304	50.0	745080.0	0.078463	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

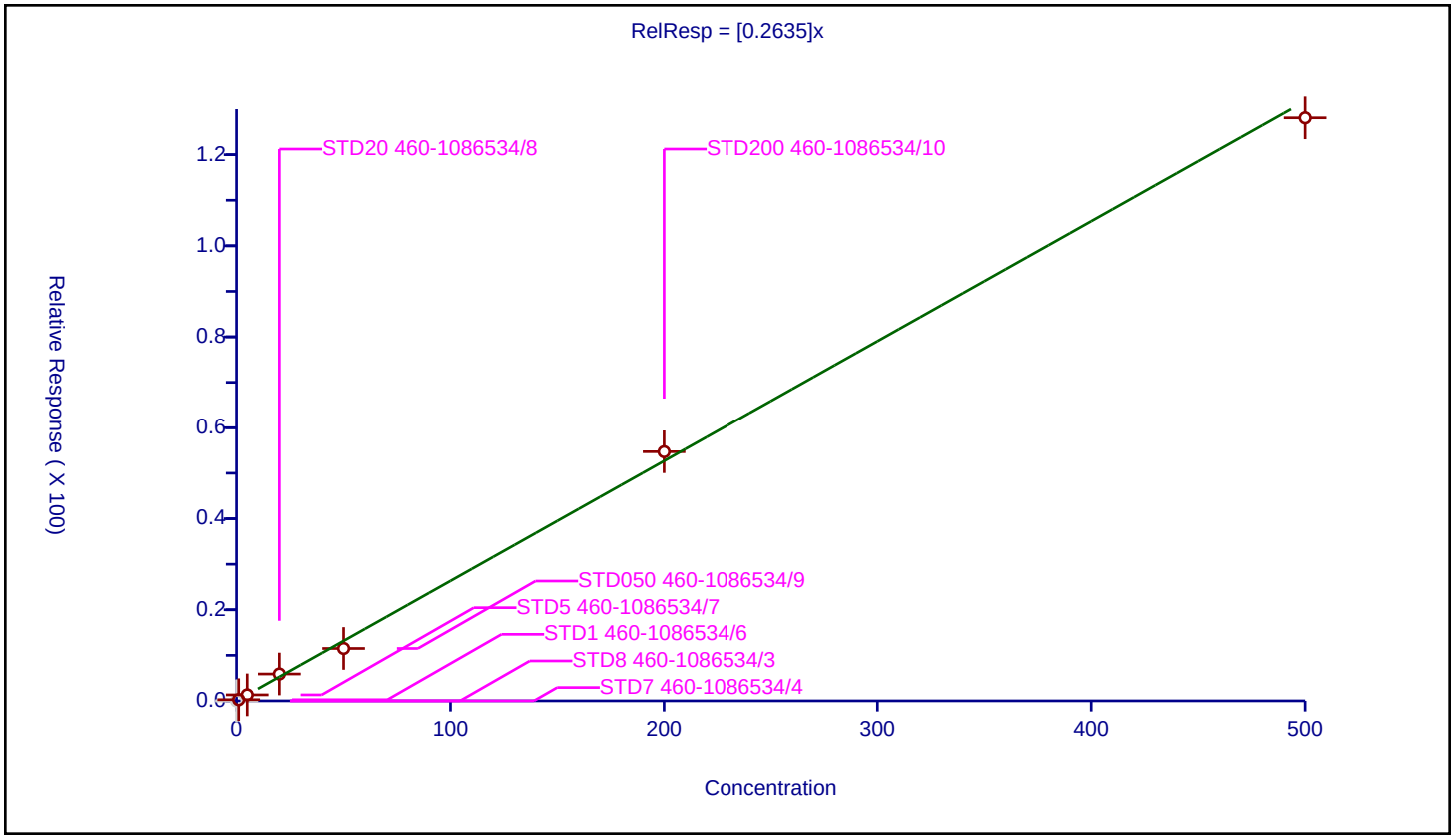
Curve Coefficients

Intercept:	0
Slope:	0.2635

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.262587	50.0	711763.0	0.262587	Y
4	STD5 460-1086534/7	5.0	1.316373	50.0	705347.0	0.263275	Y
5	STD20 460-1086534/8	20.0	5.899591	50.0	677725.0	0.29498	Y
6	STD050 460-1086534/9	50.0	11.509724	50.0	738393.0	0.230194	Y
7	STD200 460-1086534/10	200.0	54.728203	50.0	733820.0	0.273641	Y
8	STD500 460-1086534/11	500.0	128.094366	50.0	745080.0	0.256189	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

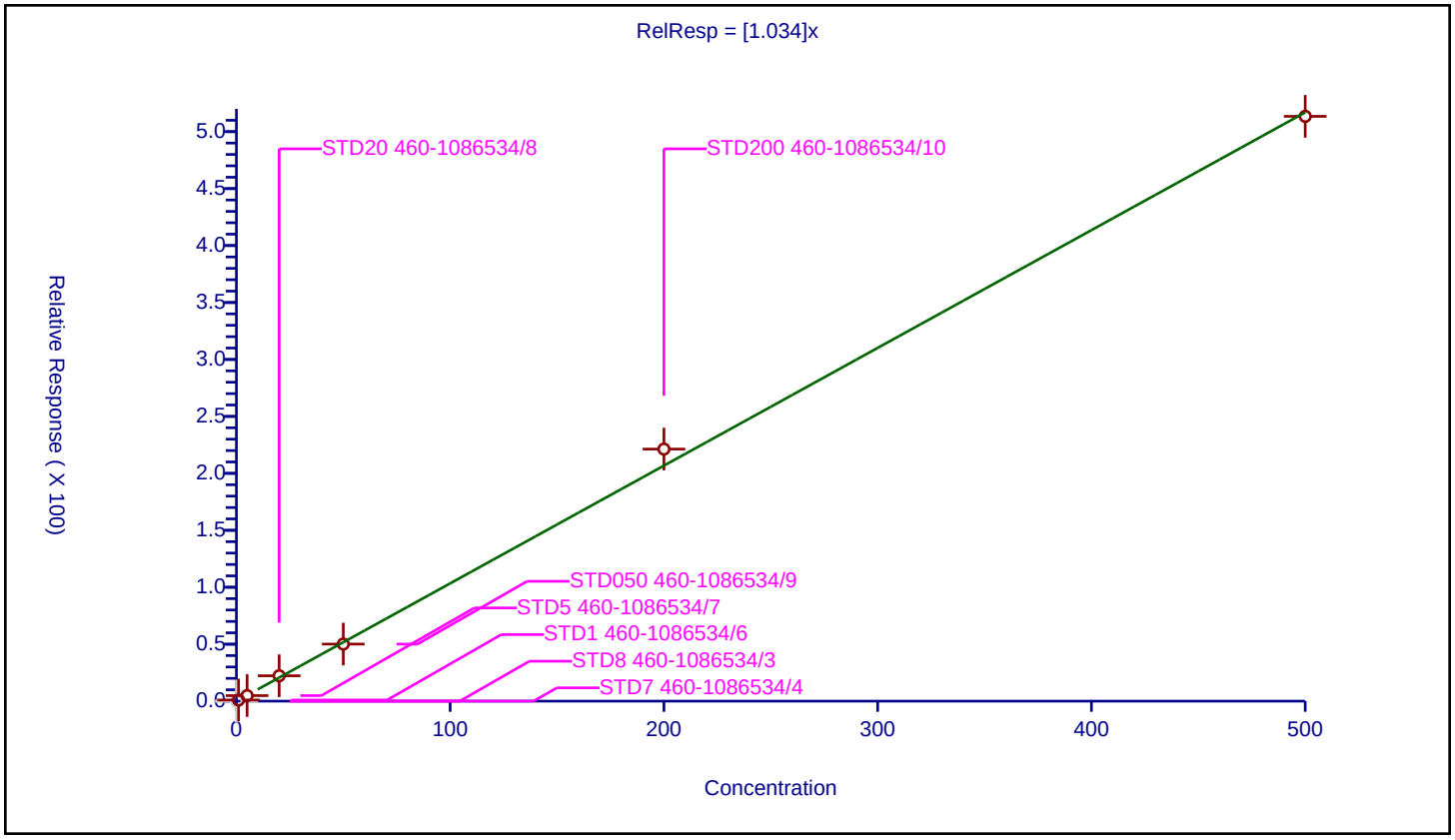
Curve Coefficients

Intercept:	0
Slope:	1.034

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.984035	50.0	711763.0	0.984035	Y
4	STD5 460-1086534/7	5.0	4.847047	50.0	705347.0	0.969409	Y
5	STD20 460-1086534/8	20.0	22.28035	50.0	677725.0	1.114017	Y
6	STD050 460-1086534/9	50.0	50.111052	50.0	738393.0	1.002221	Y
7	STD200 460-1086534/10	200.0	221.311561	50.0	733820.0	1.106558	Y
8	STD500 460-1086534/11	500.0	513.441375	50.0	745080.0	1.026883	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

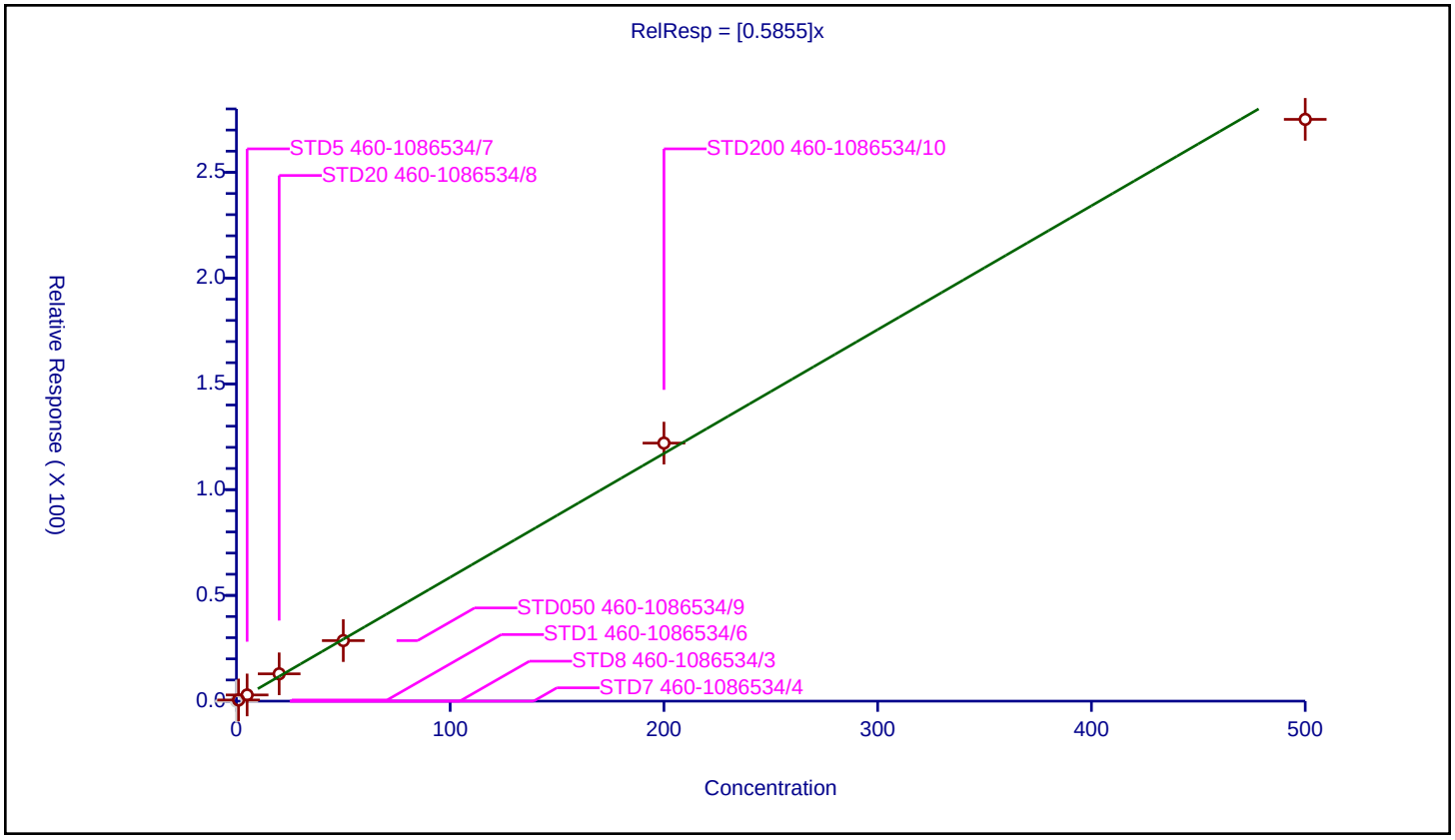
Curve Coefficients

Intercept:	0
Slope:	0.5855

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.548848	50.0	711763.0	0.548848	Y
4	STD5 460-1086534/7	5.0	2.930473	50.0	705347.0	0.586095	Y
5	STD20 460-1086534/8	20.0	12.913497	50.0	677725.0	0.645675	Y
6	STD050 460-1086534/9	50.0	28.615791	50.0	738393.0	0.572316	Y
7	STD200 460-1086534/10	200.0	121.996607	50.0	733820.0	0.609983	Y
8	STD500 460-1086534/11	500.0	275.048652	50.0	745080.0	0.550097	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

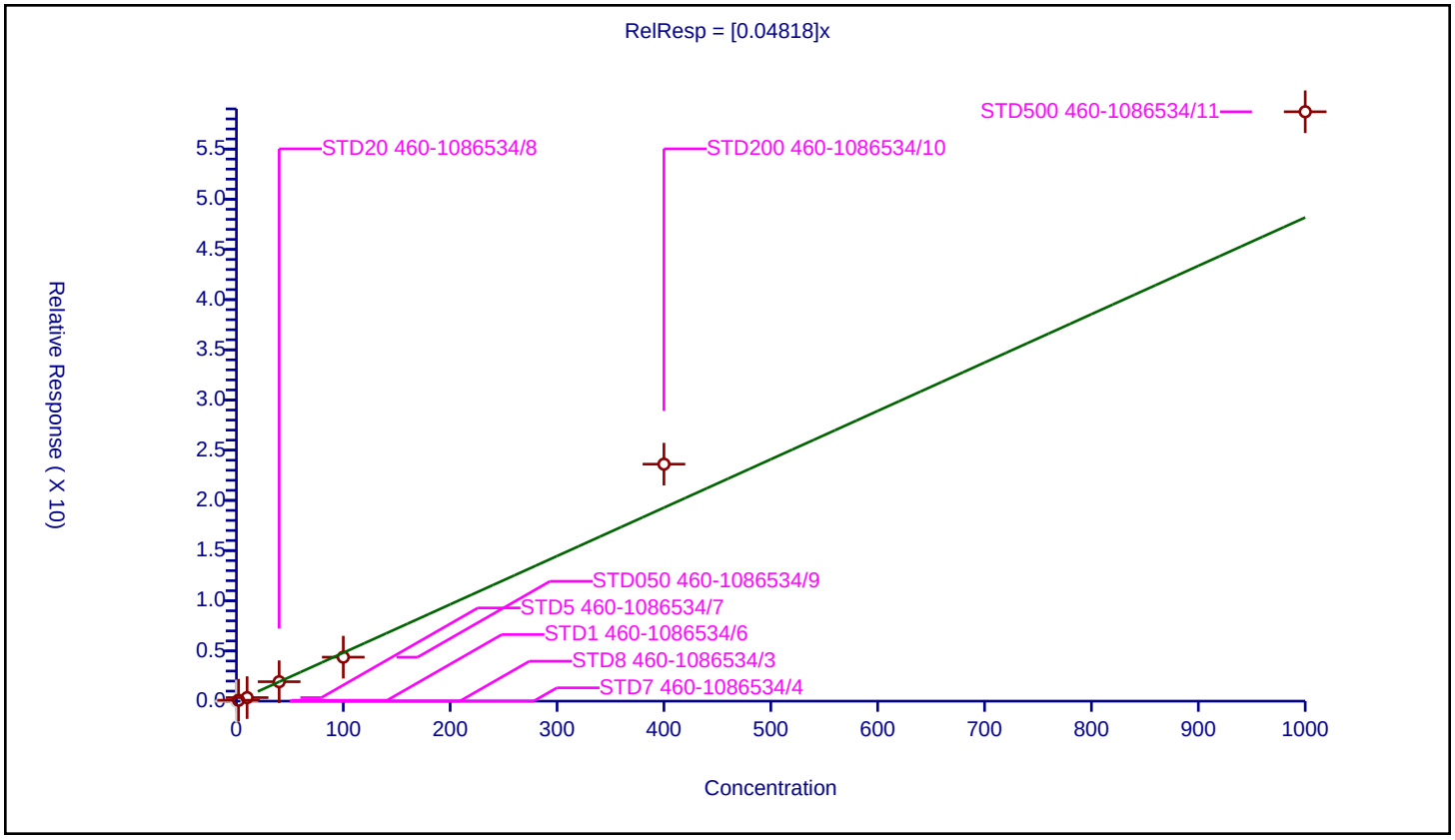
Curve Coefficients

Intercept:	0
Slope:	0.04818

Error Coefficients

Relative Standard Deviation:	19.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.4	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	2.0	0.088161	50.0	711763.0	0.044081	Y
4	STD5 460-1086534/7	10.0	0.351104	50.0	705347.0	0.03511	Y
5	STD20 460-1086534/8	40.0	1.93552	50.0	677725.0	0.048388	Y
6	STD050 460-1086534/9	100.0	4.378901	50.0	738393.0	0.043789	Y
7	STD200 460-1086534/10	400.0	23.608242	50.0	733820.0	0.059021	Y
8	STD500 460-1086534/11	1000.0	58.714299	50.0	745080.0	0.058714	Y



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Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

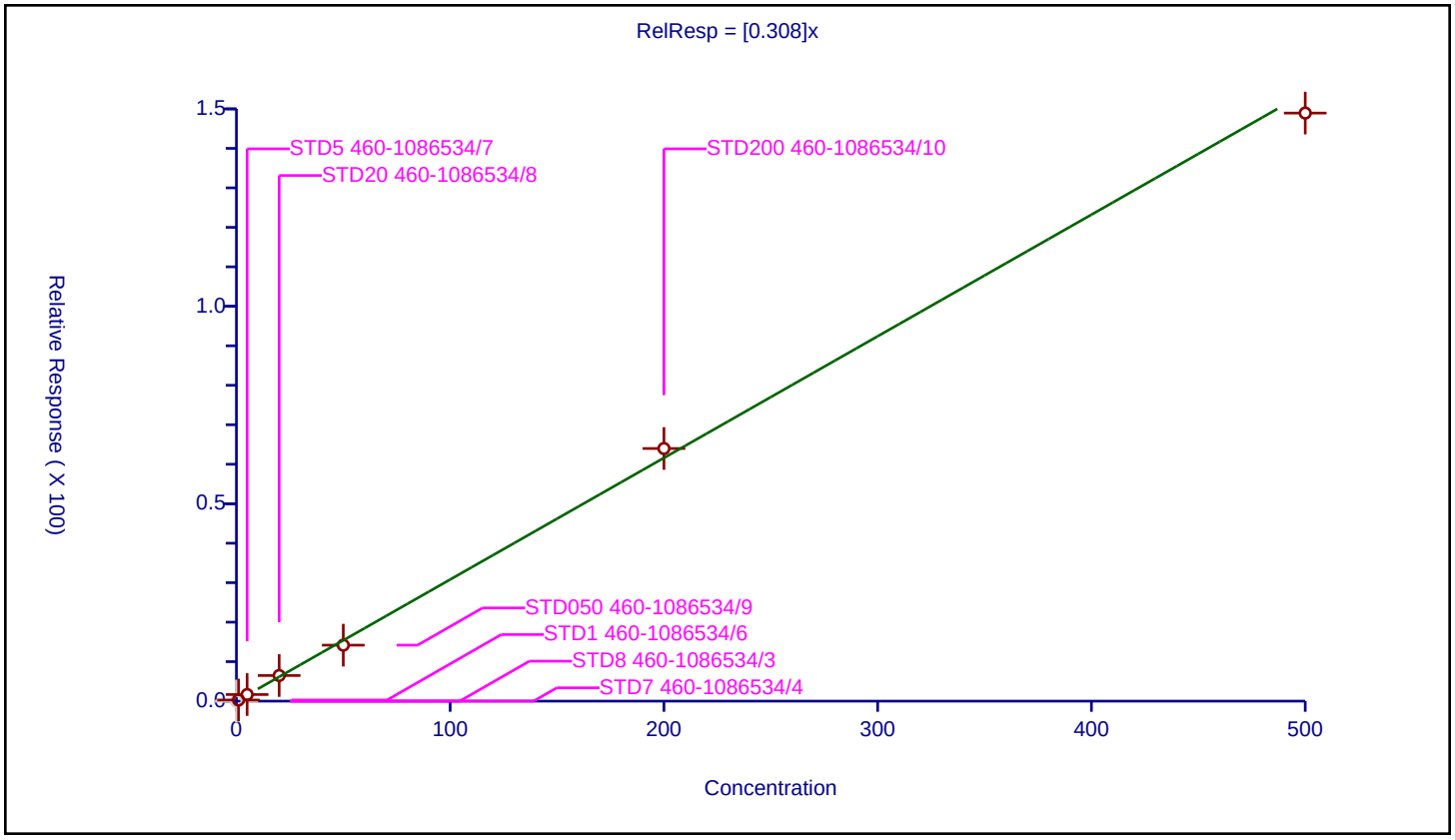
Curve Coefficients

Intercept:	0
Slope:	0.308

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.289282	50.0	711763.0	0.289282	Y
4	STD5 460-1086534/7	5.0	1.666839	50.0	705347.0	0.333368	Y
5	STD20 460-1086534/8	20.0	6.484931	50.0	677725.0	0.324247	Y
6	STD050 460-1086534/9	50.0	14.175378	50.0	738393.0	0.283508	Y
7	STD200 460-1086534/10	200.0	63.987149	50.0	733820.0	0.319936	Y
8	STD500 460-1086534/11	500.0	148.938503	50.0	745080.0	0.297877	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

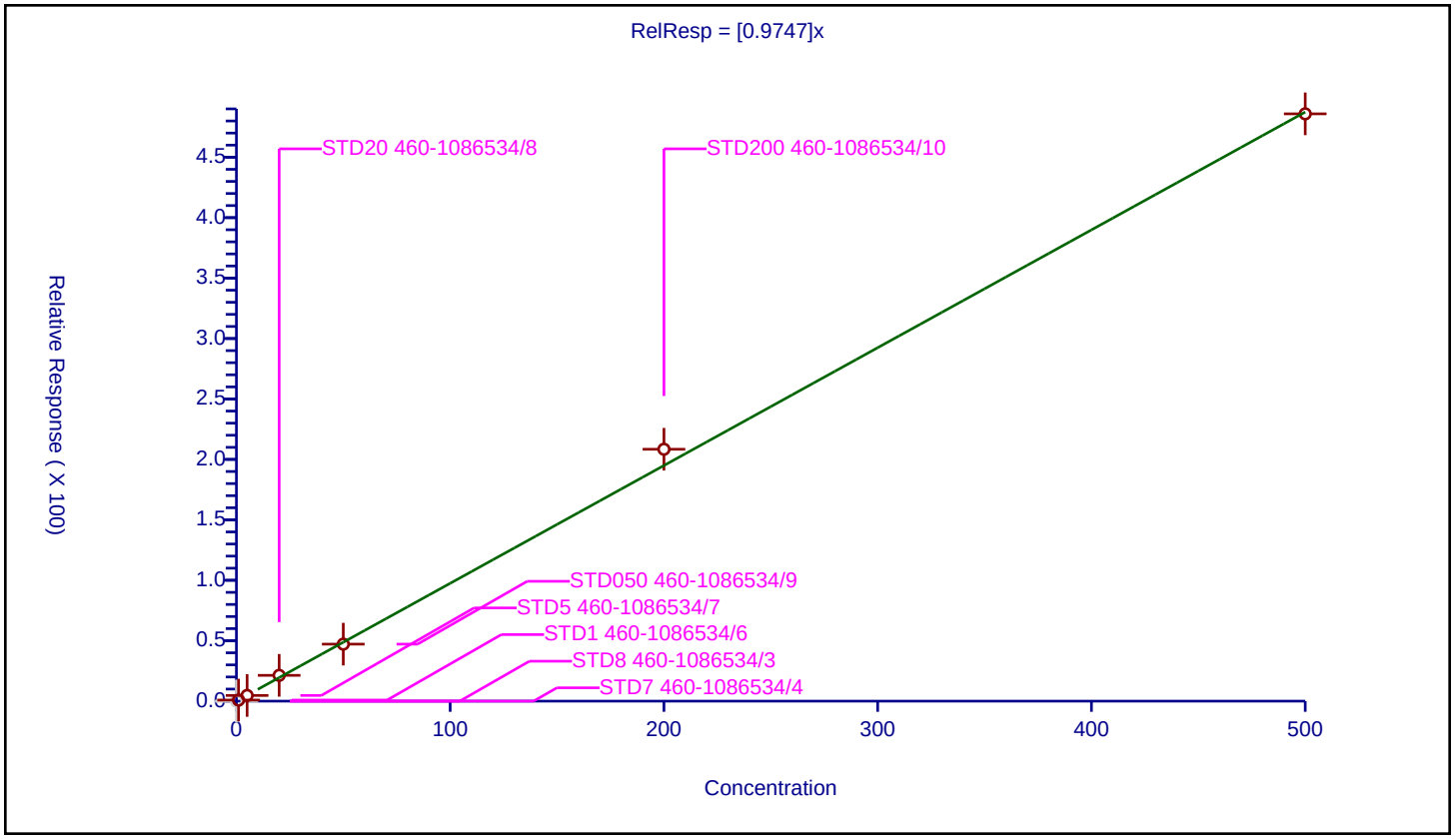
Curve Coefficients

Intercept:	0
Slope:	0.9747

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.883862	50.0	711763.0	0.883862	Y
4	STD5 460-1086534/7	5.0	4.700169	50.0	705347.0	0.940034	Y
5	STD20 460-1086534/8	20.0	21.347375	50.0	677725.0	1.067369	Y
6	STD050 460-1086534/9	50.0	47.167904	50.0	738393.0	0.943358	Y
7	STD200 460-1086534/10	200.0	208.399744	50.0	733820.0	1.041999	Y
8	STD500 460-1086534/11	500.0	485.89279	50.0	745080.0	0.971786	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

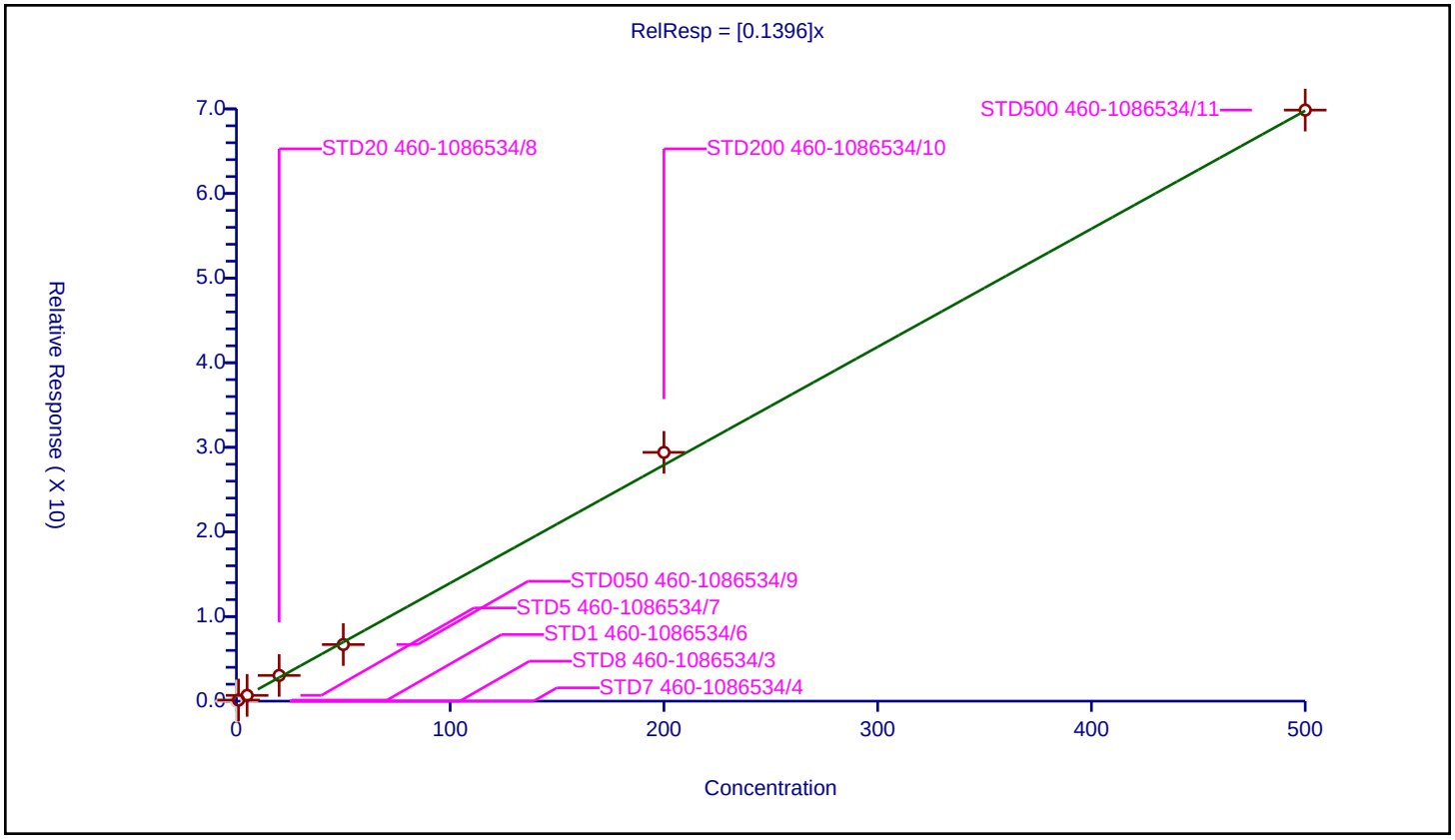
Curve Coefficients

Intercept:	0
Slope:	0.1396

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.128835	50.0	711763.0	0.128835	Y
4	STD5 460-1086534/7	5.0	0.680091	50.0	705347.0	0.136018	Y
5	STD20 460-1086534/8	20.0	3.039655	50.0	677725.0	0.151983	Y
6	STD050 460-1086534/9	50.0	6.691694	50.0	738393.0	0.133834	Y
7	STD200 460-1086534/10	200.0	29.403192	50.0	733820.0	0.147016	Y
8	STD500 460-1086534/11	500.0	69.858136	50.0	745080.0	0.139716	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

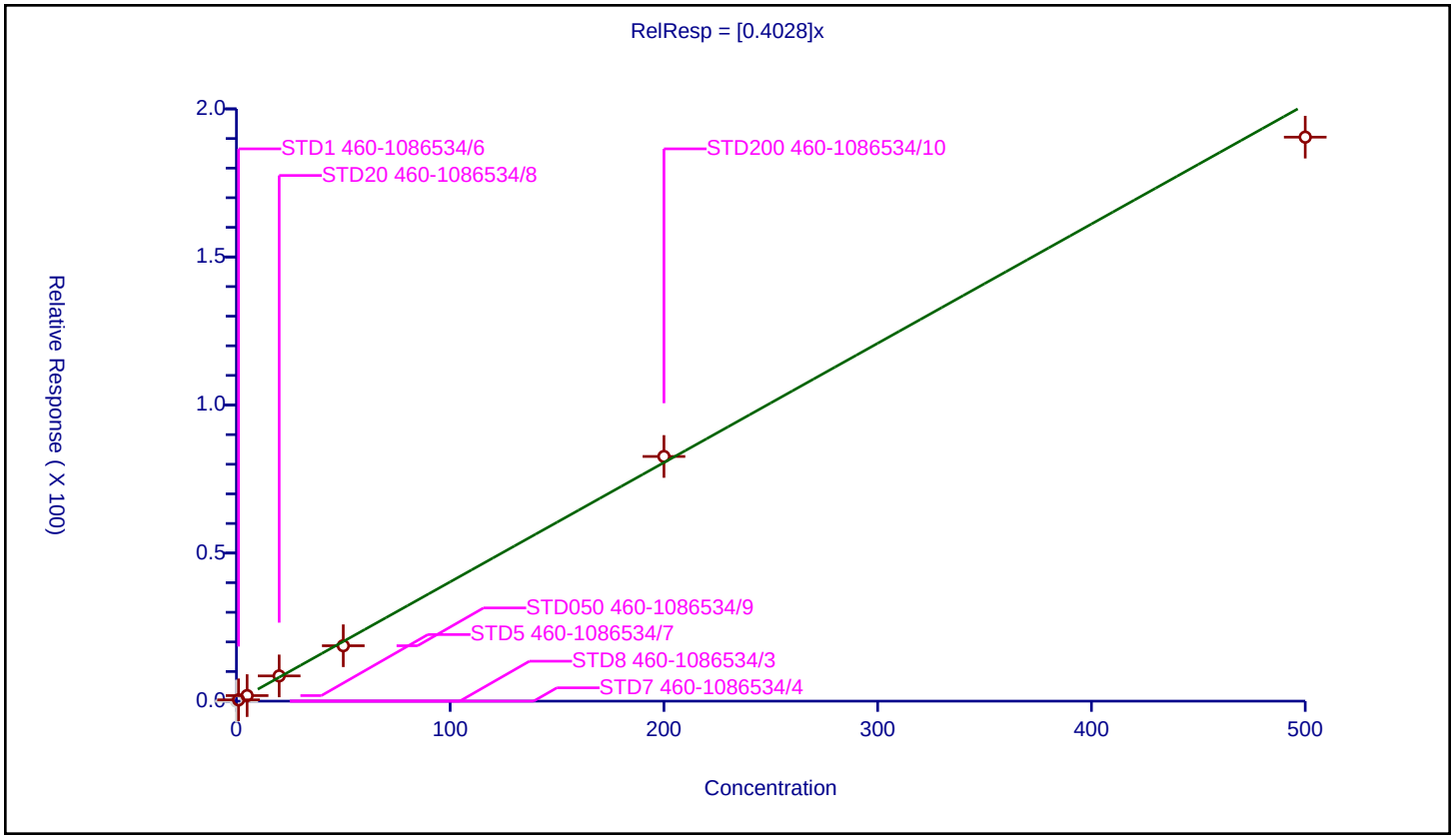
Curve Coefficients

Intercept:	0
Slope:	0.4028

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.44748	50.0	711763.0	0.44748	Y
4	STD5 460-1086534/7	5.0	1.874467	50.0	705347.0	0.374893	Y
5	STD20 460-1086534/8	20.0	8.524549	50.0	677725.0	0.426227	Y
6	STD050 460-1086534/9	50.0	18.712122	50.0	738393.0	0.374242	Y
7	STD200 460-1086534/10	200.0	82.625576	50.0	733820.0	0.413128	Y
8	STD500 460-1086534/11	500.0	190.459212	50.0	745080.0	0.380918	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

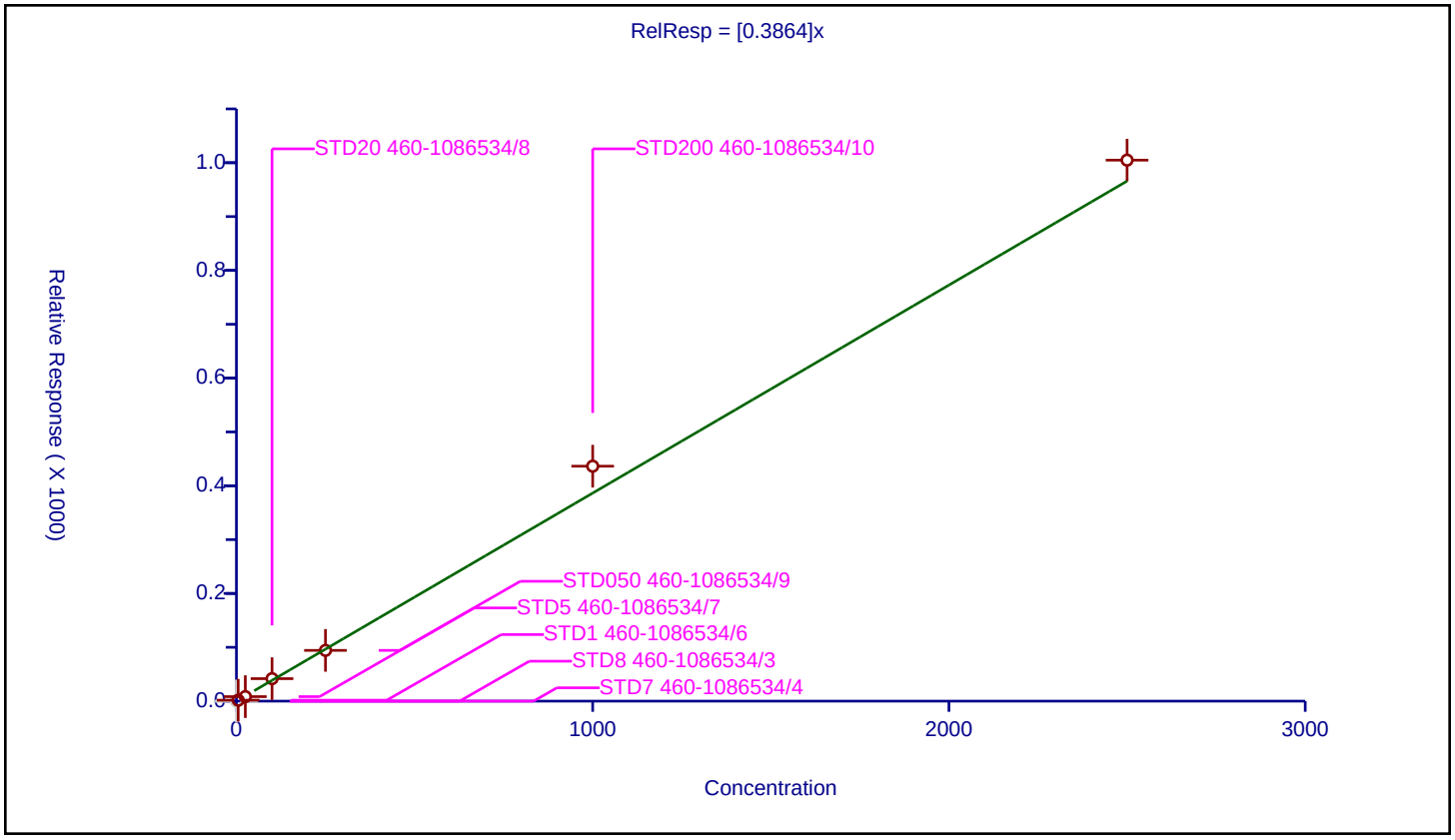
Curve Coefficients

Intercept:	0
Slope:	0.3864

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	250.0	194329.0	NaN	N
2	STD8 460-1086534/3	1.0	0.0	250.0	189944.0	0.0	N
3	STD1 460-1086534/6	5.0	1.752625	250.0	210256.0	0.350525	Y
4	STD5 460-1086534/7	25.0	8.367643	250.0	217385.0	0.334706	Y
5	STD20 460-1086534/8	100.0	41.762723	250.0	208212.0	0.417627	Y
6	STD050 460-1086534/9	250.0	94.270655	250.0	239722.0	0.377083	Y
7	STD200 460-1086534/10	1000.0	436.369438	250.0	249157.0	0.436369	Y
8	STD500 460-1086534/11	2500.0	1004.836893	250.0	267217.0	0.401935	Y



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Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

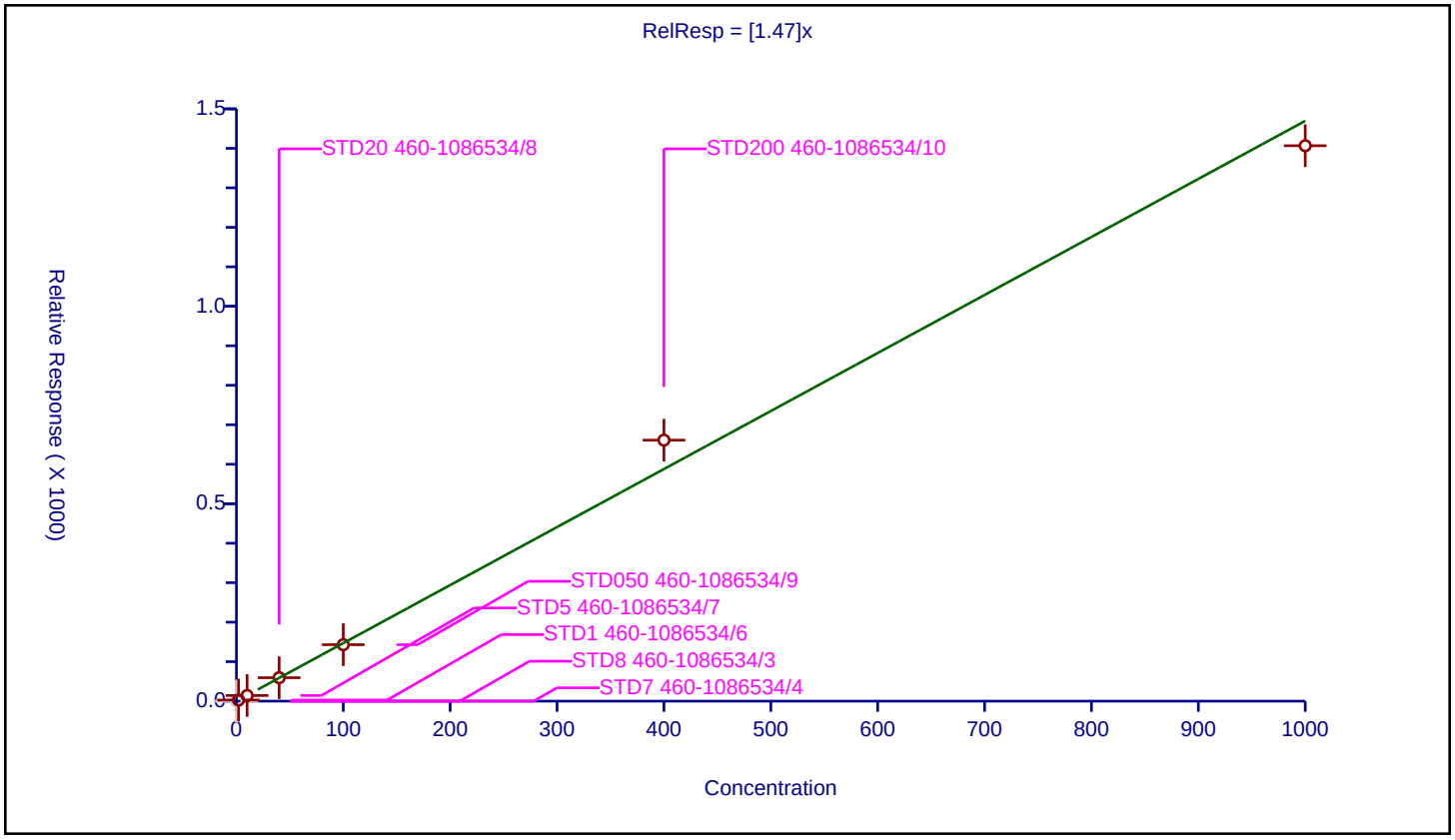
Curve Coefficients

Intercept:	0
Slope:	1.47

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	1000.0	216188.0	NaN	N
2	STD8 460-1086534/3	0.4	0.0	1000.0	216946.0	0.0	N
3	STD1 460-1086534/6	2.0	2.831274	1000.0	235583.0	1.415637	Y
4	STD5 460-1086534/7	10.0	14.288029	1000.0	234532.0	1.428803	Y
5	STD20 460-1086534/8	40.0	59.348364	1000.0	220798.0	1.483709	Y
6	STD050 460-1086534/9	100.0	142.961235	1000.0	251152.0	1.429612	Y
7	STD200 460-1086534/10	400.0	661.073526	1000.0	246552.0	1.652684	Y
8	STD500 460-1086534/11	1000.0	1406.706604	1000.0	282110.0	1.406707	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

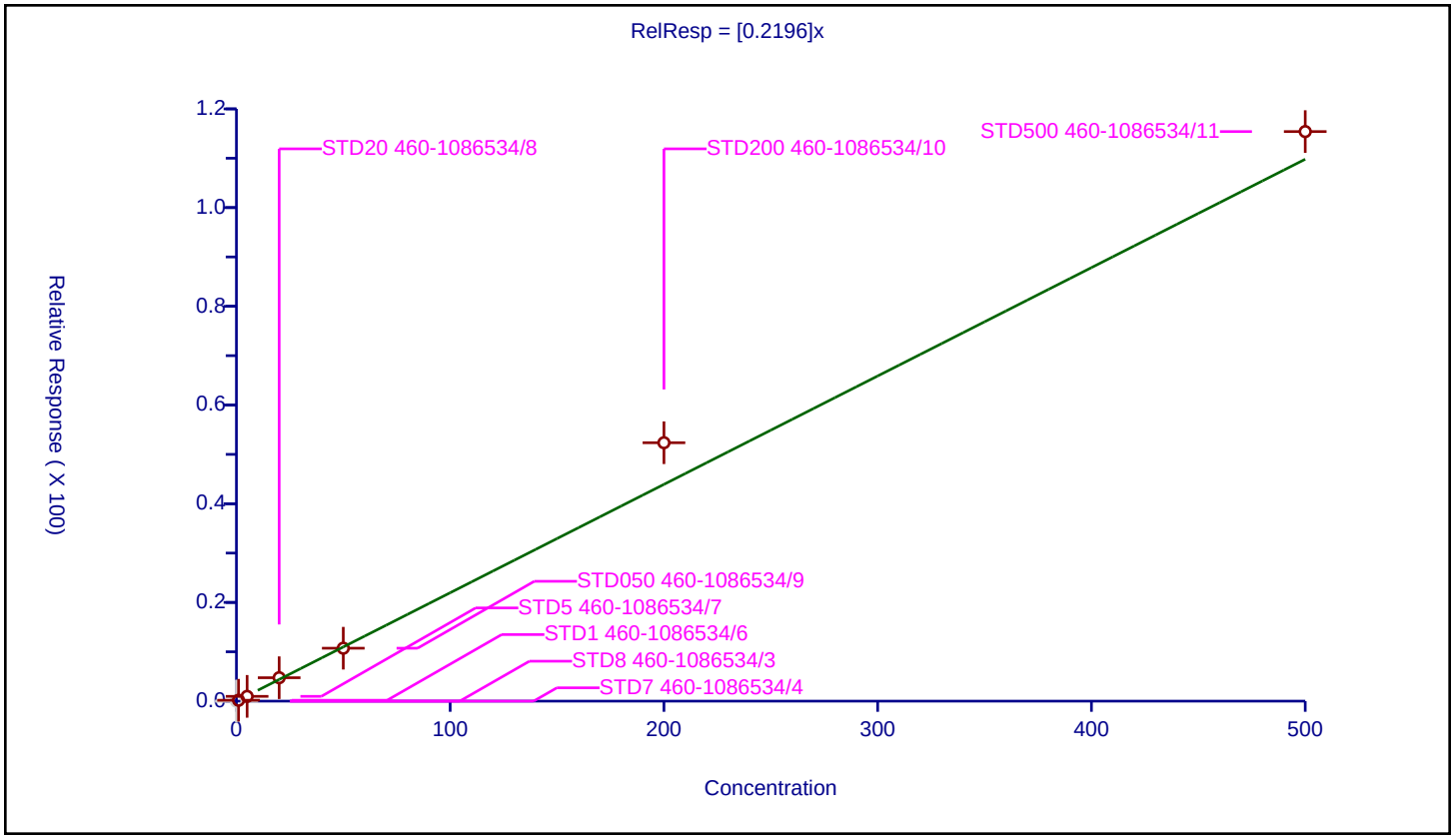
Curve Coefficients

Intercept:	0
Slope:	0.2196

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	0.179973	50.0	478960.0	0.179973	Y
4	STD5 460-1086534/7	5.0	0.966636	50.0	475567.0	0.193327	Y
5	STD20 460-1086534/8	20.0	4.744906	50.0	466142.0	0.237245	Y
6	STD050 460-1086534/9	50.0	10.724118	50.0	511823.0	0.214482	Y
7	STD200 460-1086534/10	200.0	52.357309	50.0	520933.0	0.261787	Y
8	STD500 460-1086534/11	500.0	115.401956	50.0	603748.0	0.230804	Y



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Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

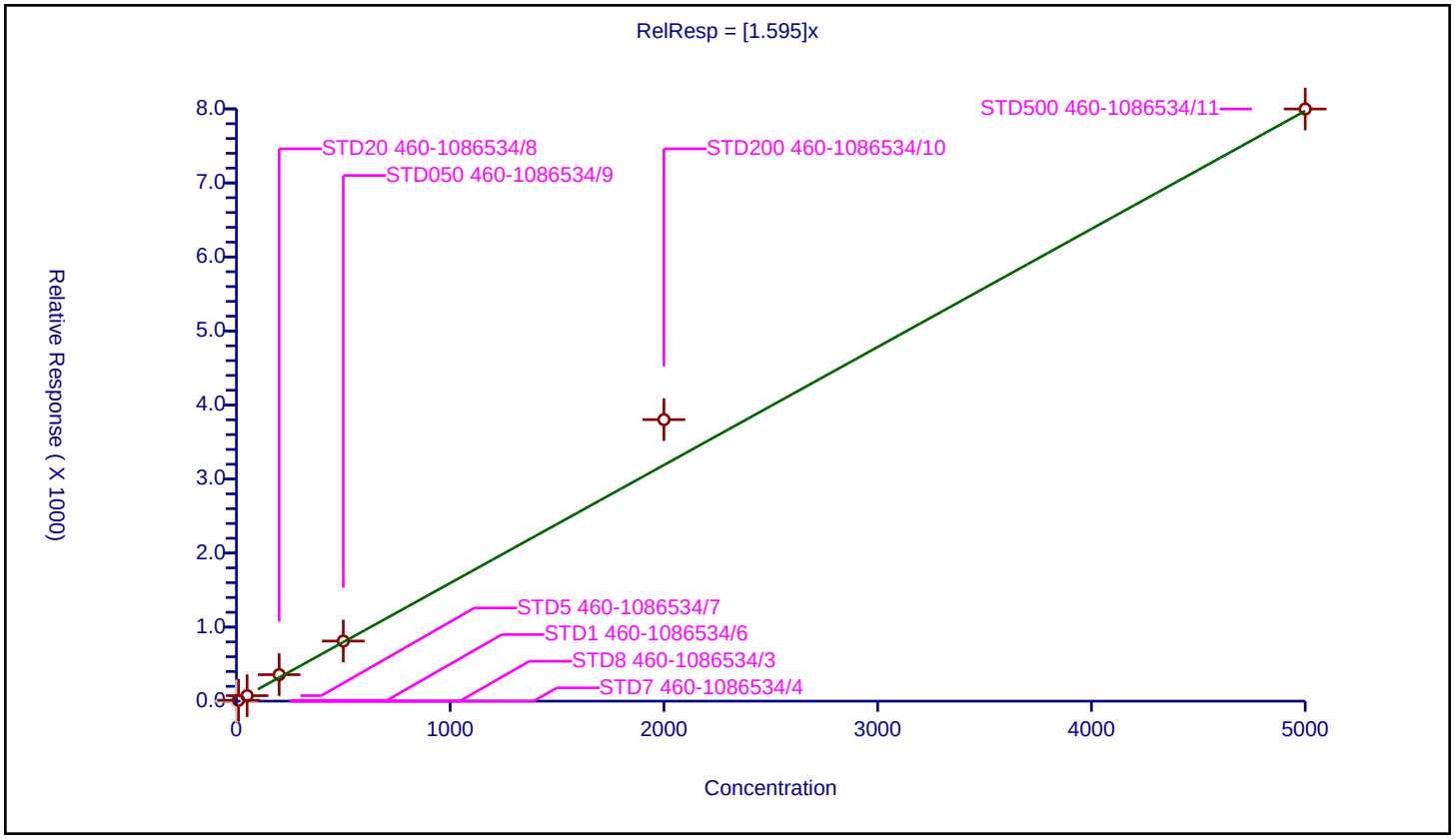
Curve Coefficients

Intercept:	0
Slope:	1.595

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	1000.0	216188.0	NaN	N
2	STD8 460-1086534/3	2.0	0.0	1000.0	216946.0	0.0	N
3	STD1 460-1086534/6	10.0	11.787778	1000.0	235583.0	1.178778	Y
4	STD5 460-1086534/7	50.0	73.806559	1000.0	234532.0	1.476131	Y
5	STD20 460-1086534/8	200.0	357.684399	1000.0	220798.0	1.788422	Y
6	STD050 460-1086534/9	500.0	811.711633	1000.0	251152.0	1.623423	Y
7	STD200 460-1086534/10	2000.0	3802.439242	1000.0	246552.0	1.90122	Y
8	STD500 460-1086534/11	5000.0	7998.475772	1000.0	282110.0	1.599695	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

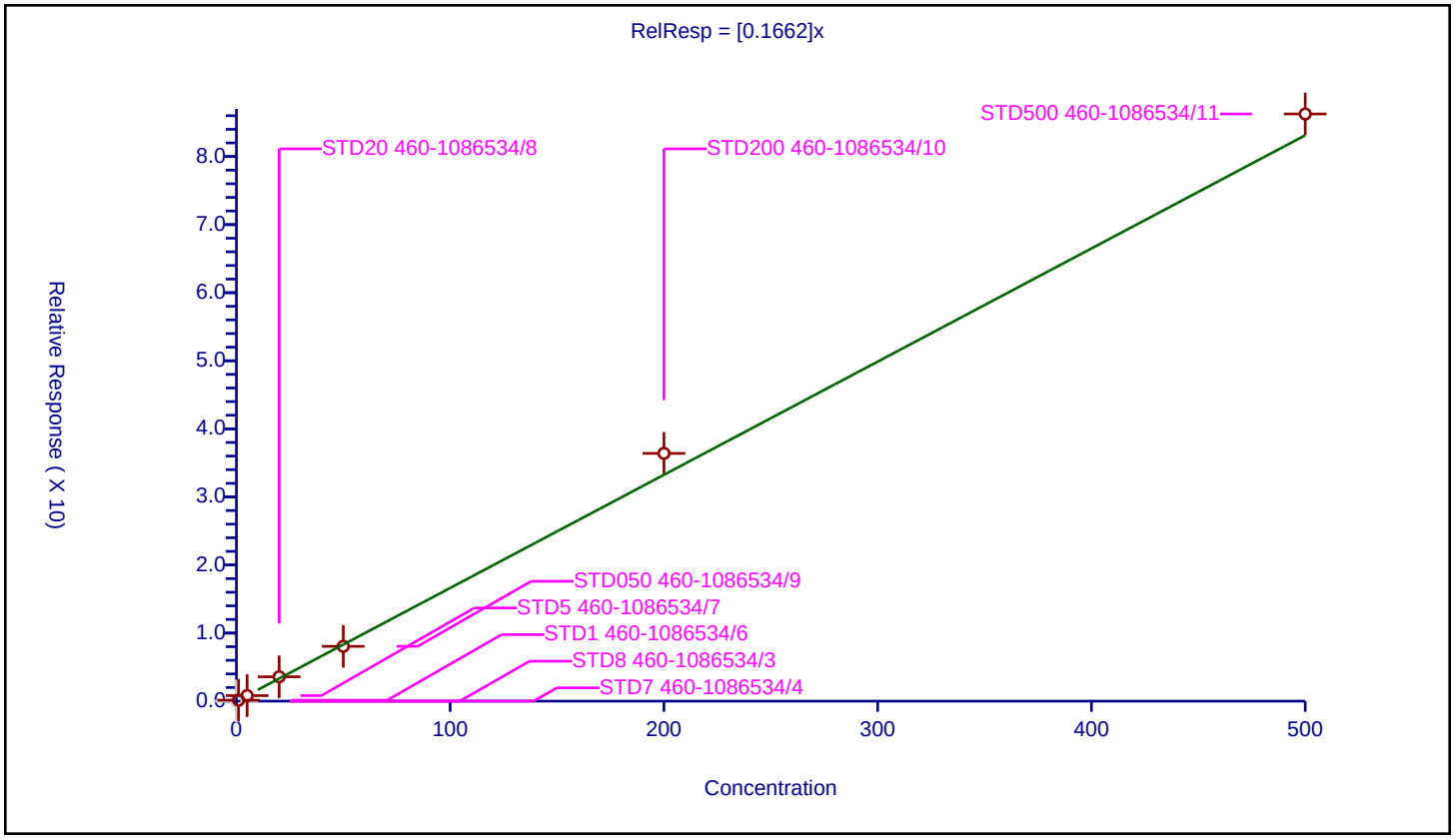
Curve Coefficients

Intercept:	0
Slope:	0.1662

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.140356	50.0	711763.0	0.140356	Y
4	STD5 460-1086534/7	5.0	0.813571	50.0	705347.0	0.162714	Y
5	STD20 460-1086534/8	20.0	3.577188	50.0	677725.0	0.178859	Y
6	STD050 460-1086534/9	50.0	8.051268	50.0	738393.0	0.161025	Y
7	STD200 460-1086534/10	200.0	36.396323	50.0	733820.0	0.181982	Y
8	STD500 460-1086534/11	500.0	86.253758	50.0	745080.0	0.172508	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

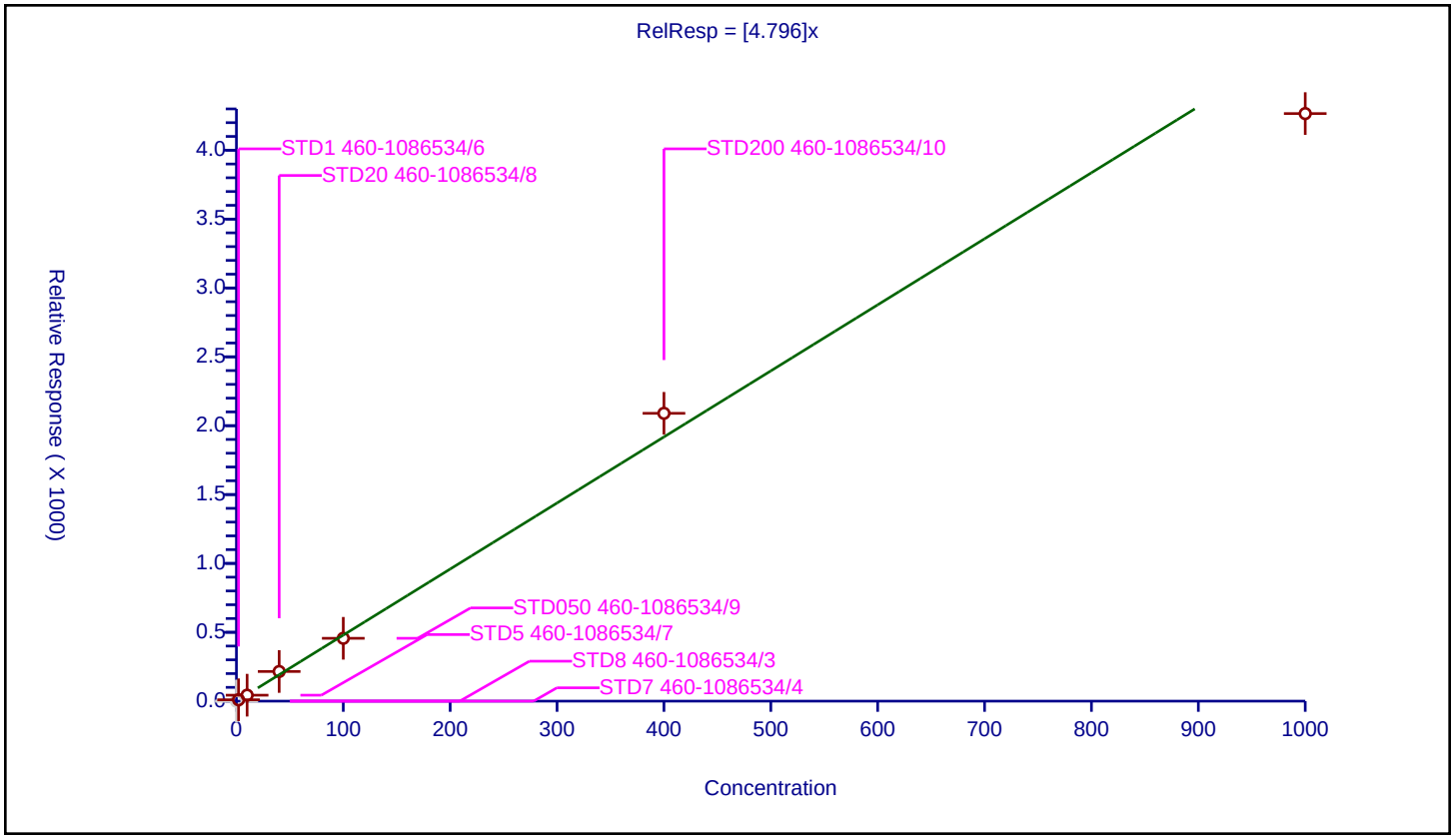
Curve Coefficients

Intercept:	0
Slope:	4.796

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	1000.0	216188.0	NaN	N
2	STD8 460-1086534/3	0.4	0.0	1000.0	216946.0	0.0	N
3	STD1 460-1086534/6	2.0	10.017701	1000.0	235583.0	5.00885	Y
4	STD5 460-1086534/7	10.0	43.256357	1000.0	234532.0	4.325636	Y
5	STD20 460-1086534/8	40.0	215.405031	1000.0	220798.0	5.385126	Y
6	STD050 460-1086534/9	100.0	456.357106	1000.0	251152.0	4.563571	Y
7	STD200 460-1086534/10	400.0	2089.737662	1000.0	246552.0	5.224344	Y
8	STD500 460-1086534/11	1000.0	4266.016802	1000.0	282110.0	4.266017	Y



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Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

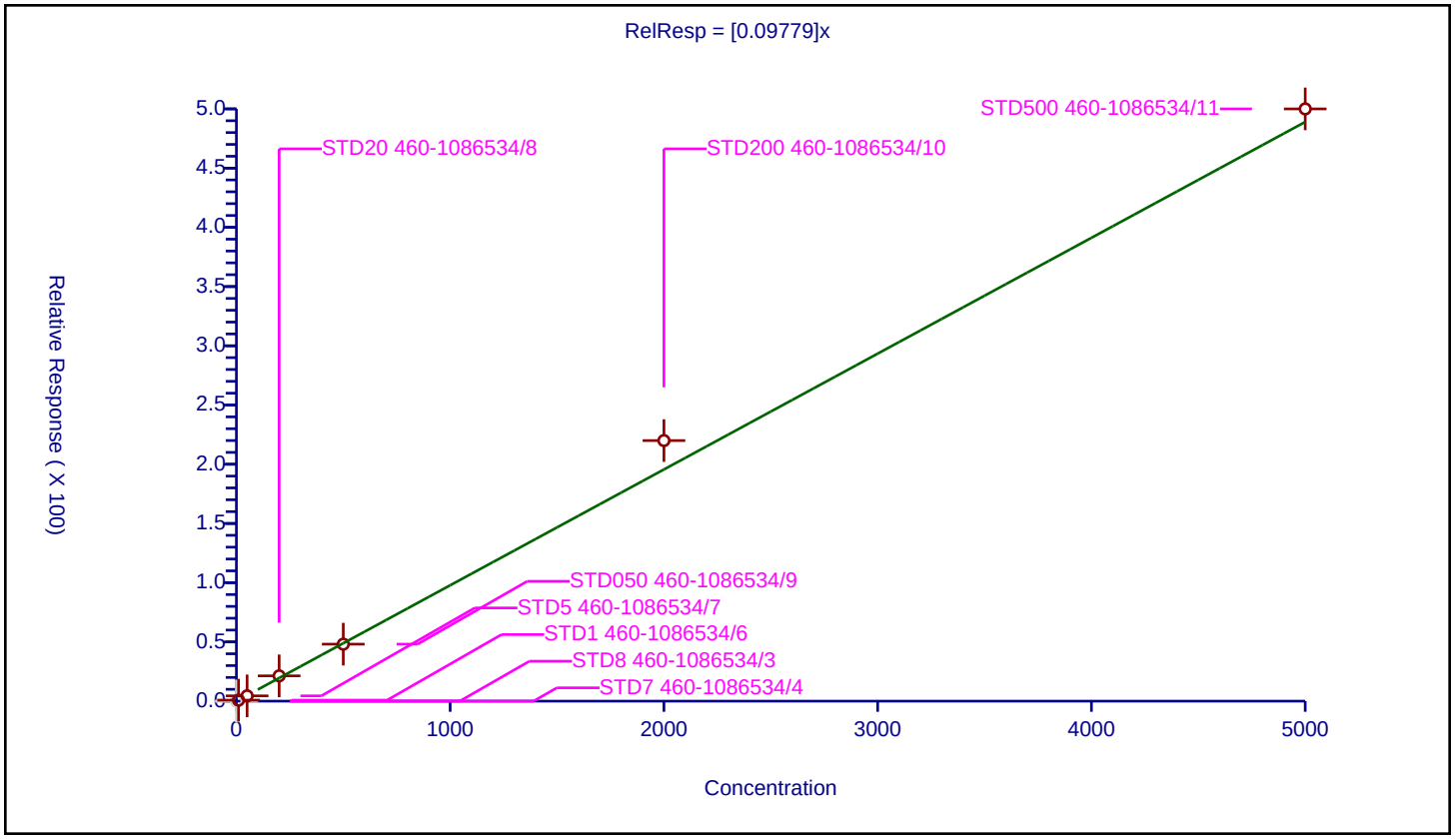
Curve Coefficients

Intercept:	0
Slope:	0.09779

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	2.0	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	10.0	0.846841	50.0	711763.0	0.084684	Y
4	STD5 460-1086534/7	50.0	4.453411	50.0	705347.0	0.089068	Y
5	STD20 460-1086534/8	200.0	21.358737	50.0	677725.0	0.106794	Y
6	STD050 460-1086534/9	500.0	48.118008	50.0	738393.0	0.096236	Y
7	STD200 460-1086534/10	2000.0	219.97881	50.0	733820.0	0.109989	Y
8	STD500 460-1086534/11	5000.0	499.971345	50.0	745080.0	0.099994	Y



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Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

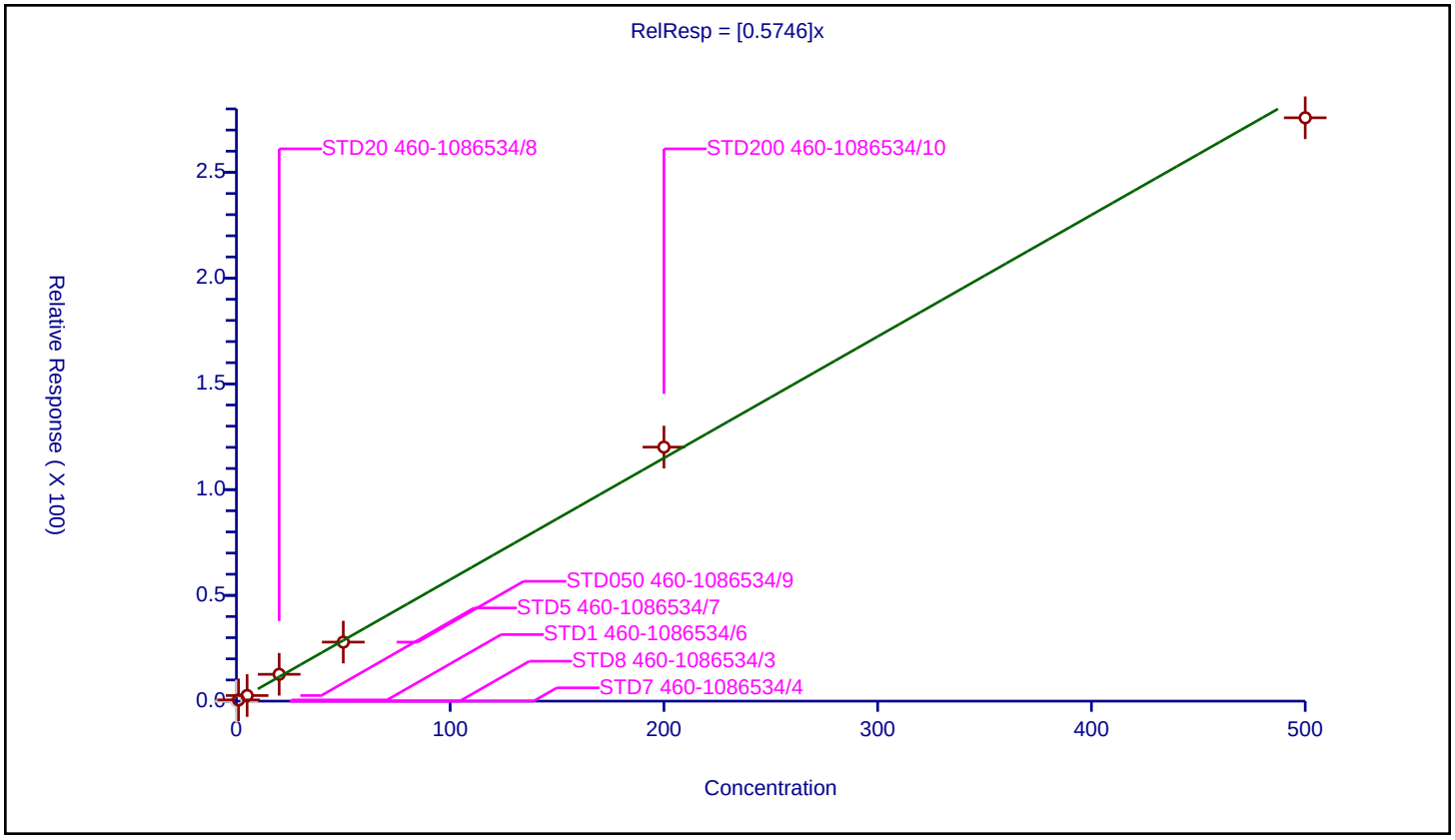
Curve Coefficients

Intercept:	0
Slope:	0.5746

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.572522	50.0	711763.0	0.572522	Y
4	STD5 460-1086534/7	5.0	2.654084	50.0	705347.0	0.530817	Y
5	STD20 460-1086534/8	20.0	12.682578	50.0	677725.0	0.634129	Y
6	STD050 460-1086534/9	50.0	27.913388	50.0	738393.0	0.558268	Y
7	STD200 460-1086534/10	200.0	120.097776	50.0	733820.0	0.600489	Y
8	STD500 460-1086534/11	500.0	275.795351	50.0	745080.0	0.551591	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

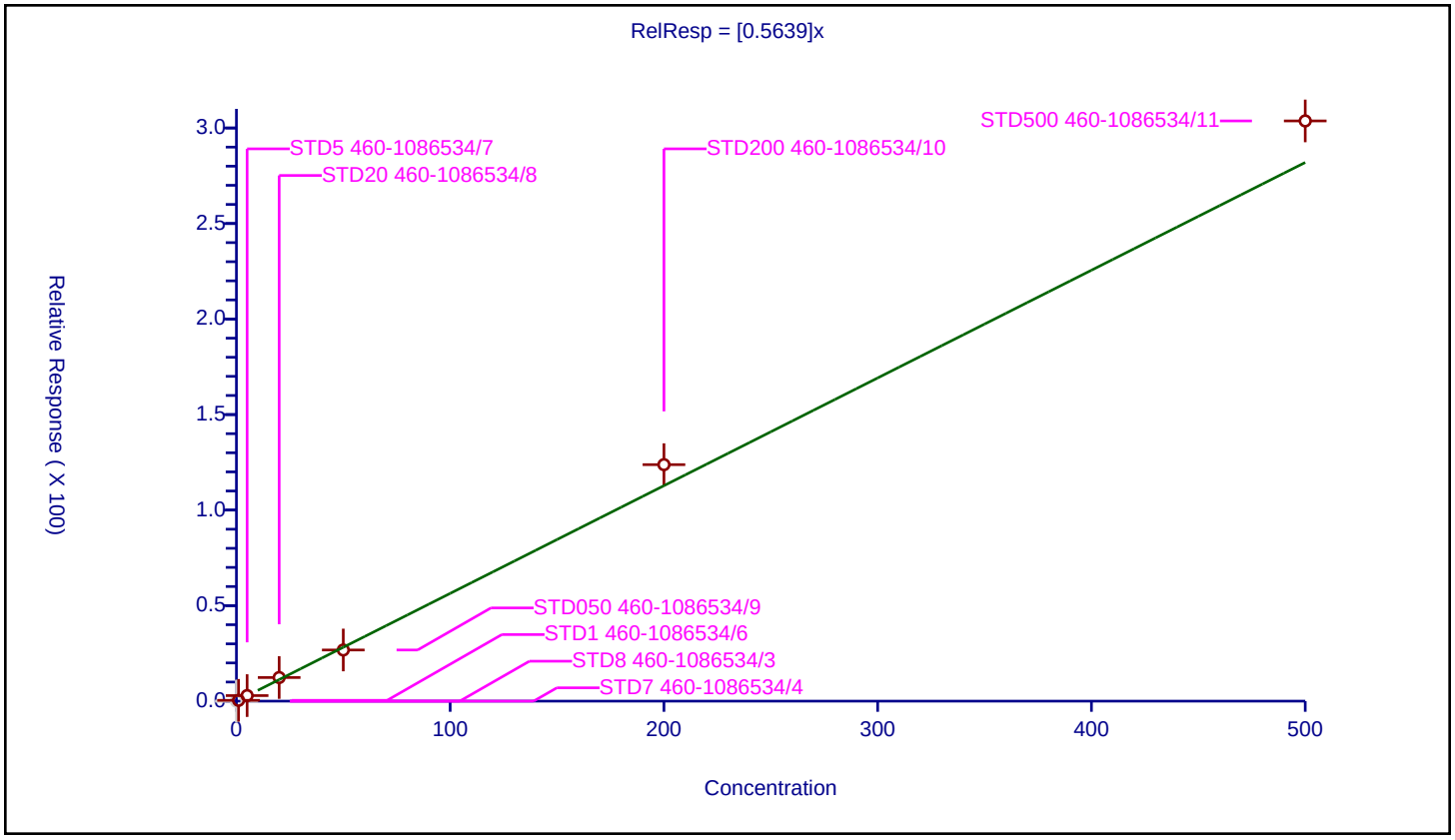
Curve Coefficients

Intercept:	0
Slope:	0.5639

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.42177	50.0	711763.0	0.42177	Y
4	STD5 460-1086534/7	5.0	2.910553	50.0	705347.0	0.582111	Y
5	STD20 460-1086534/8	20.0	12.354937	50.0	677725.0	0.617747	Y
6	STD050 460-1086534/9	50.0	26.775917	50.0	738393.0	0.535518	Y
7	STD200 460-1086534/10	200.0	123.783421	50.0	733820.0	0.618917	Y
8	STD500 460-1086534/11	500.0	303.692892	50.0	745080.0	0.607386	Y



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Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

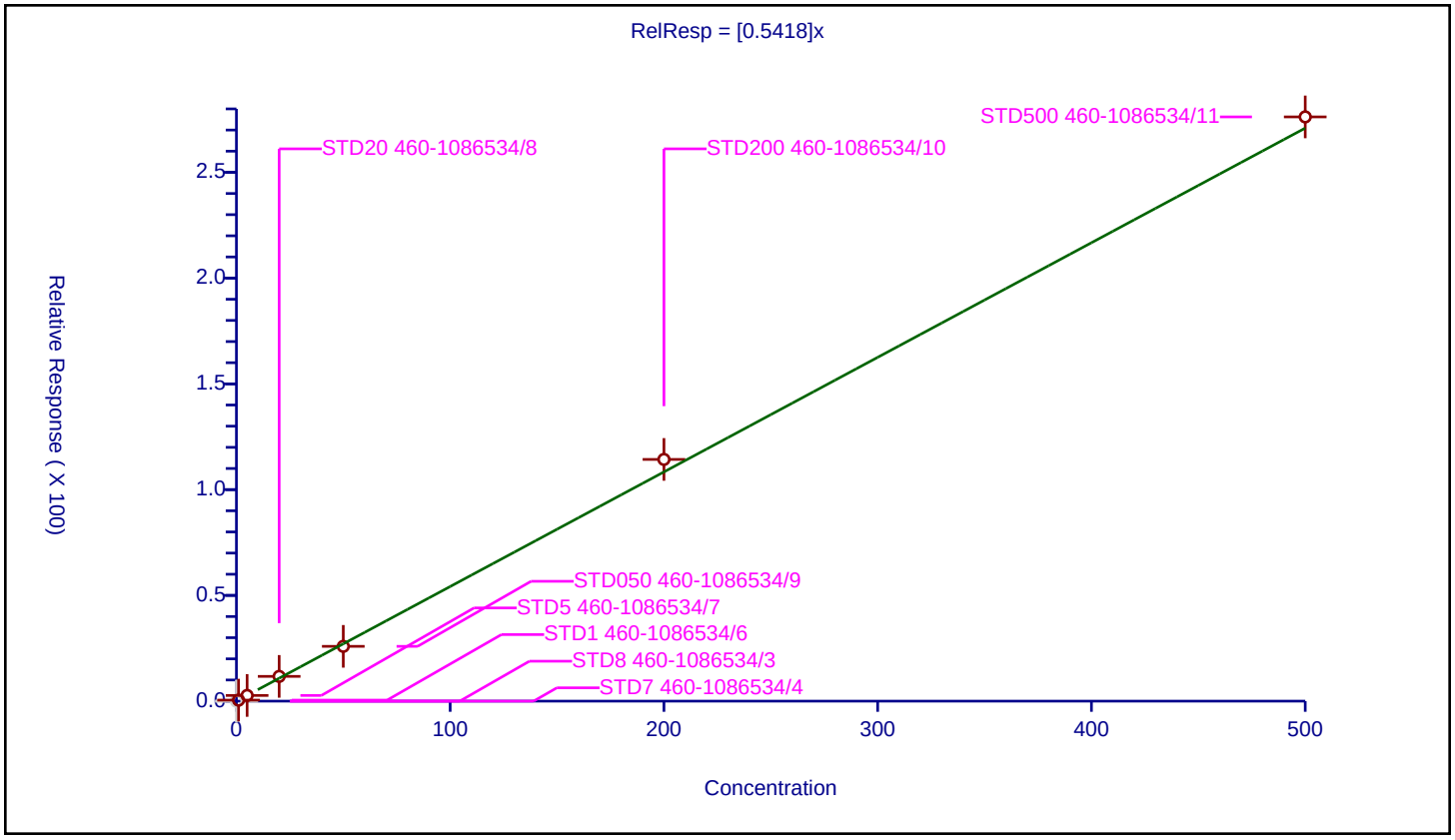
Curve Coefficients

Intercept:	0
Slope:	0.5418

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.486328	50.0	711763.0	0.486328	Y
4	STD5 460-1086534/7	5.0	2.686904	50.0	705347.0	0.537381	Y
5	STD20 460-1086534/8	20.0	11.706592	50.0	677725.0	0.58533	Y
6	STD050 460-1086534/9	50.0	25.902128	50.0	738393.0	0.518043	Y
7	STD200 460-1086534/10	200.0	114.271688	50.0	733820.0	0.571358	Y
8	STD500 460-1086534/11	500.0	276.215775	50.0	745080.0	0.552432	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

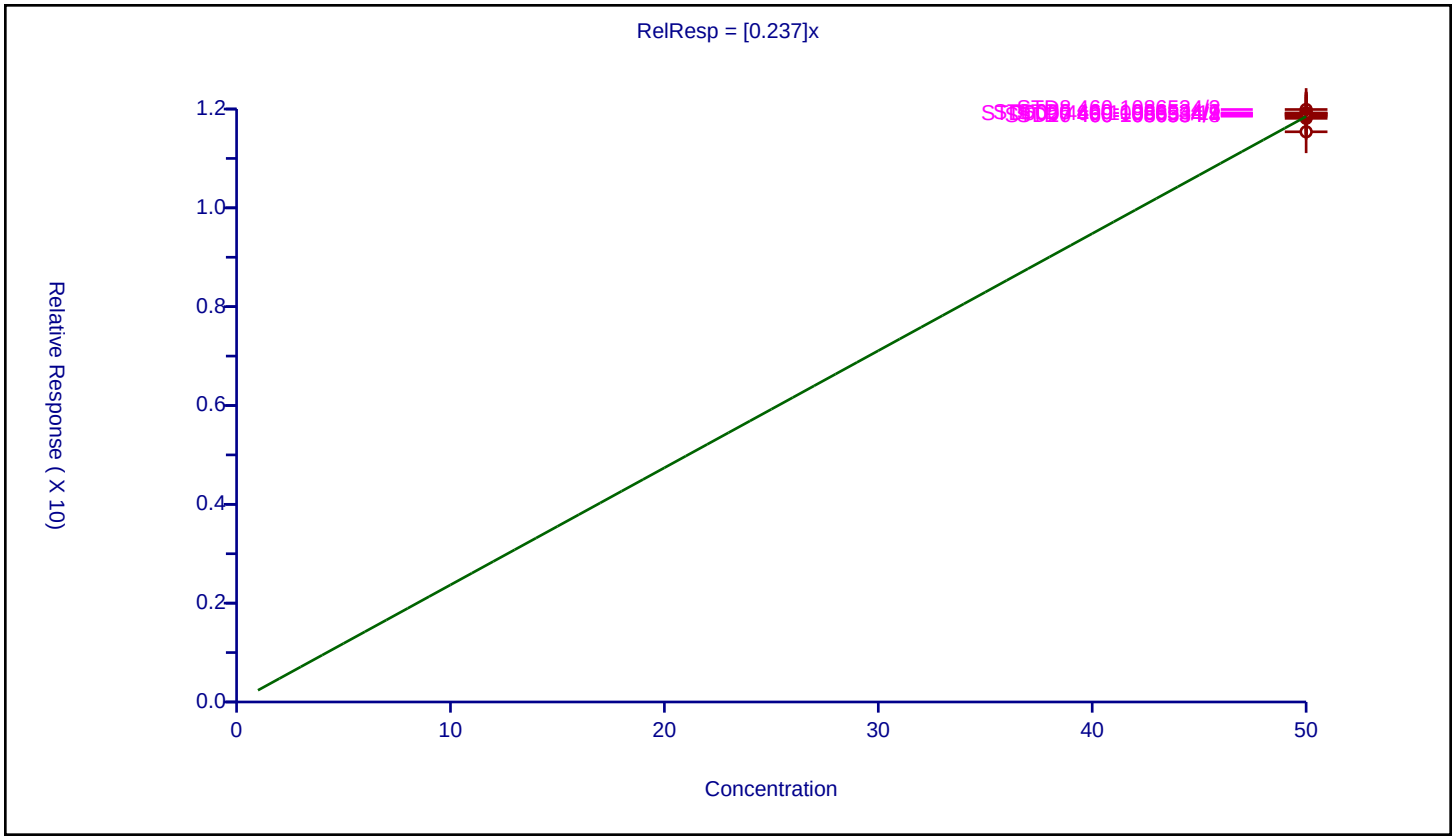
Curve Coefficients

Intercept:	0
Slope:	0.237

Error Coefficients

Relative Standard Deviation:	1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	50.0	11.990049	50.0	669059.0	0.239801	Y
2	STD7 460-1086534/4	50.0	11.86239	50.0	697958.0	0.237248	Y
3	STD1 460-1086534/6	50.0	11.811024	50.0	711763.0	0.23622	Y
4	STD5 460-1086534/7	50.0	11.912009	50.0	705347.0	0.23824	Y
5	STD20 460-1086534/8	50.0	11.856063	50.0	677725.0	0.237121	Y
6	STD050 460-1086534/9	50.0	11.920888	50.0	738393.0	0.238418	Y
7	STD200 460-1086534/10	50.0	11.539274	50.0	733820.0	0.230785	Y
8	STD500 460-1086534/11	50.0	11.895367	50.0	745080.0	0.237907	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

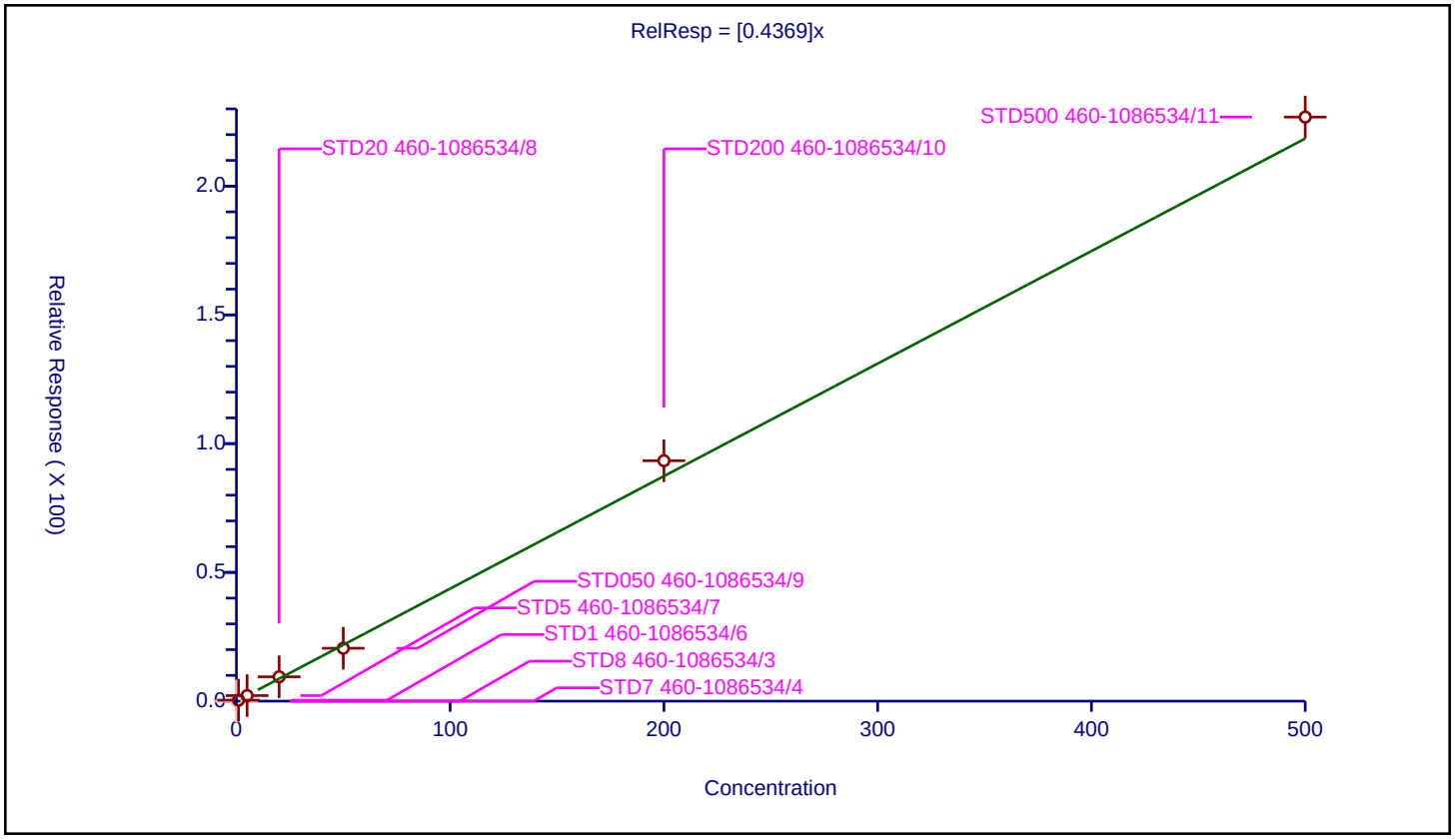
Curve Coefficients

Intercept:	0
Slope:	0.4369

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.386435	50.0	711763.0	0.386435	Y
4	STD5 460-1086534/7	5.0	2.153904	50.0	705347.0	0.430781	Y
5	STD20 460-1086534/8	20.0	9.461802	50.0	677725.0	0.47309	Y
6	STD050 460-1086534/9	50.0	20.545834	50.0	738393.0	0.410917	Y
7	STD200 460-1086534/10	200.0	93.36588	50.0	733820.0	0.466829	Y
8	STD500 460-1086534/11	500.0	226.813027	50.0	745080.0	0.453626	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

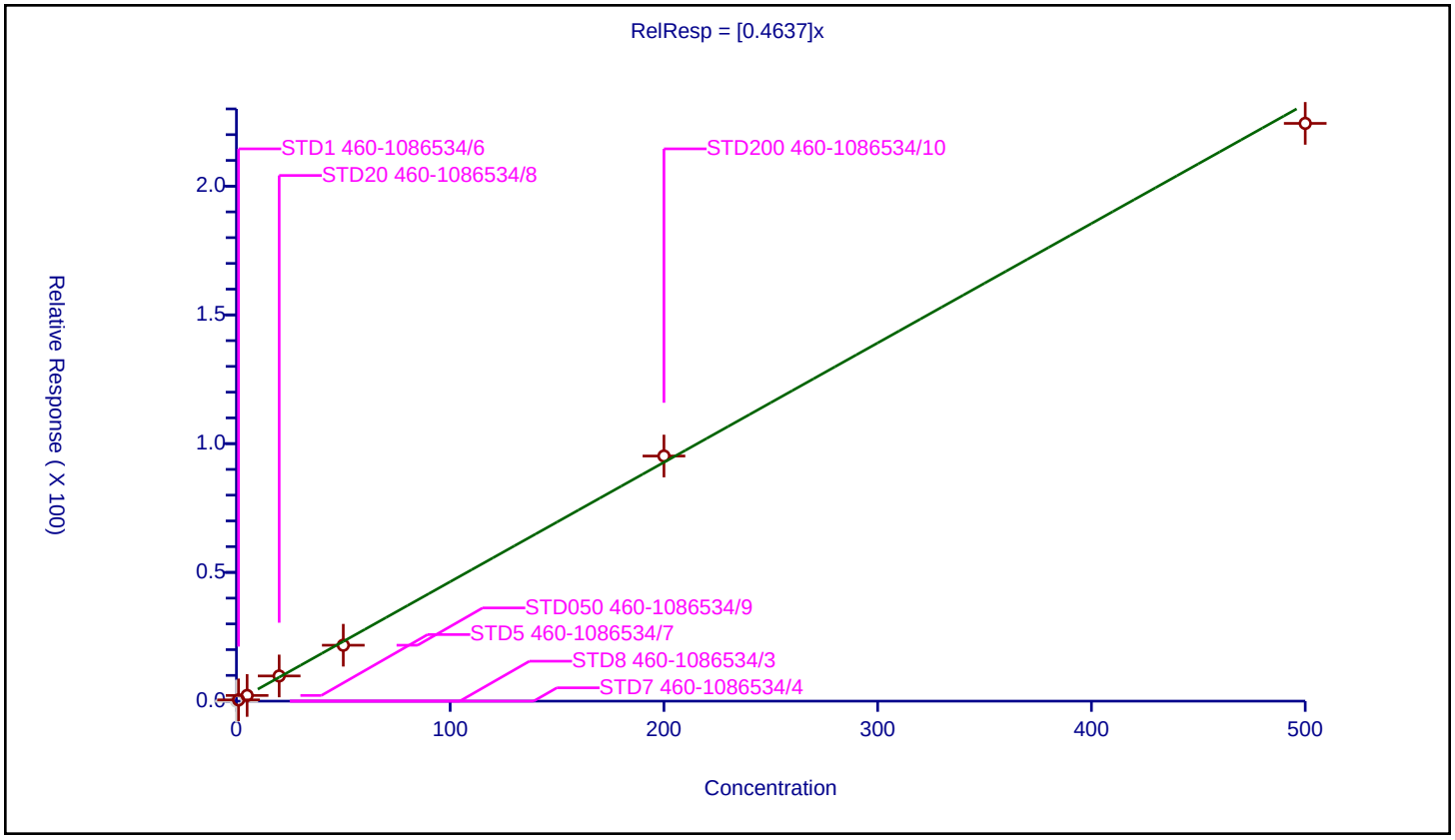
Curve Coefficients

Intercept:	0
Slope:	0.4637

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.49272	50.0	711763.0	0.49272	Y
4	STD5 460-1086534/7	5.0	2.207424	50.0	705347.0	0.441485	Y
5	STD20 460-1086534/8	20.0	9.779483	50.0	677725.0	0.488974	Y
6	STD050 460-1086534/9	50.0	21.719938	50.0	738393.0	0.434399	Y
7	STD200 460-1086534/10	200.0	95.195416	50.0	733820.0	0.475977	Y
8	STD500 460-1086534/11	500.0	224.36886	50.0	745080.0	0.448738	Y



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Calibration / Isobutyl alcohol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

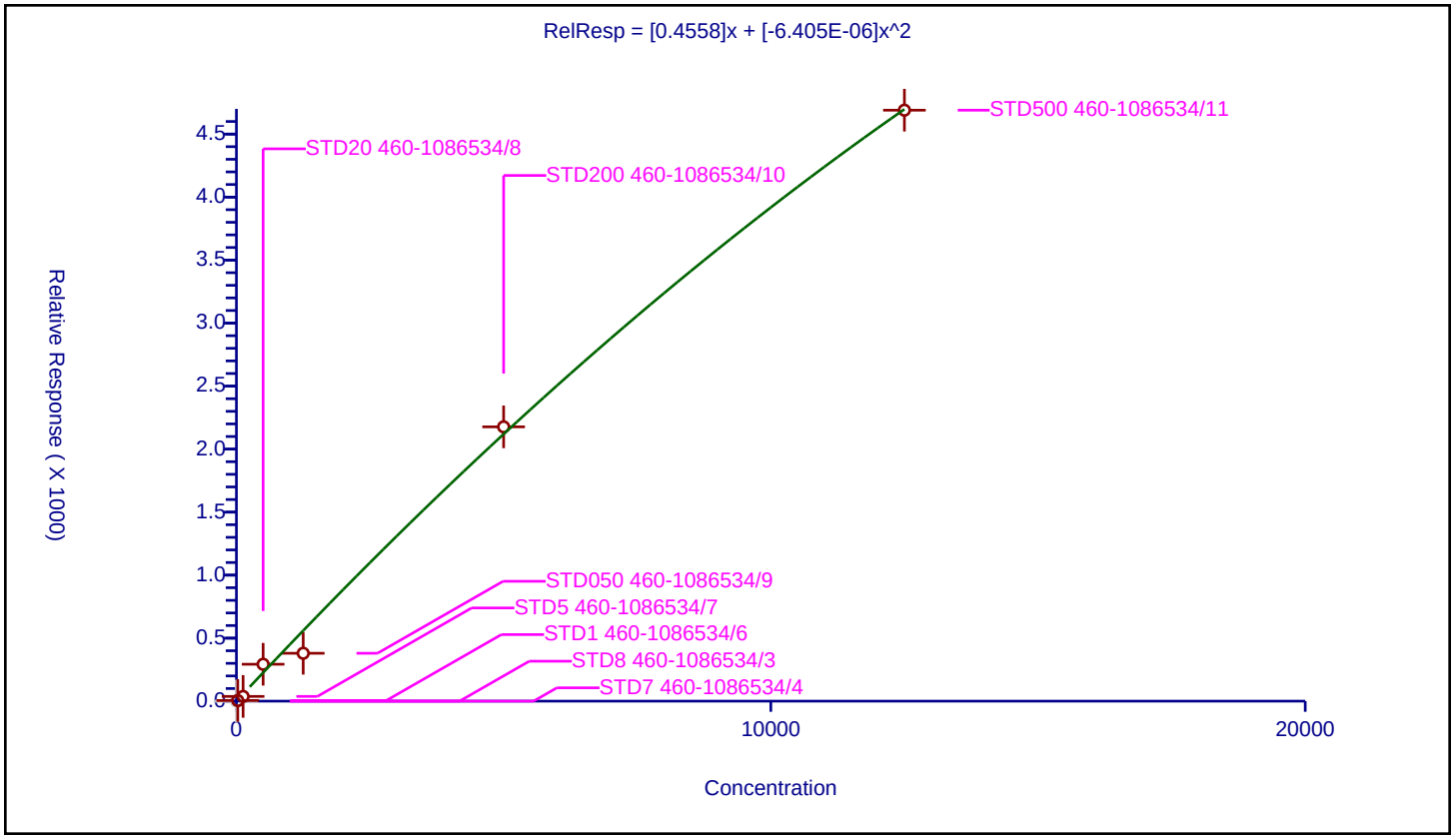
Curve Coefficients

Intercept:	0
Slope:	0.4558
Second Order:	-6.405E-06

Error Coefficients

Relative Standard Deviation:	39.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	1000.0	216188.0	NaN	N
2	STD8 460-1086534/3	5.0	0.0	1000.0	216946.0	0.0	N
3	STD1 460-1086534/6	25.0	4.906975	1000.0	235583.0	0.196279	Y
4	STD5 460-1086534/7	125.0	37.585489	1000.0	234532.0	0.300684	Y
5	STD20 460-1086534/8	500.0	292.806094	1000.0	220798.0	0.585612	Y
6	STD050 460-1086534/9	1250.0	379.901414	1000.0	251152.0	0.303921	Y
7	STD200 460-1086534/10	5000.0	2176.778124	1000.0	246552.0	0.435356	Y
8	STD500 460-1086534/11	12500.0	4689.734501	1000.0	282110.0	0.375179	Y



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Calibration / Isooctane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

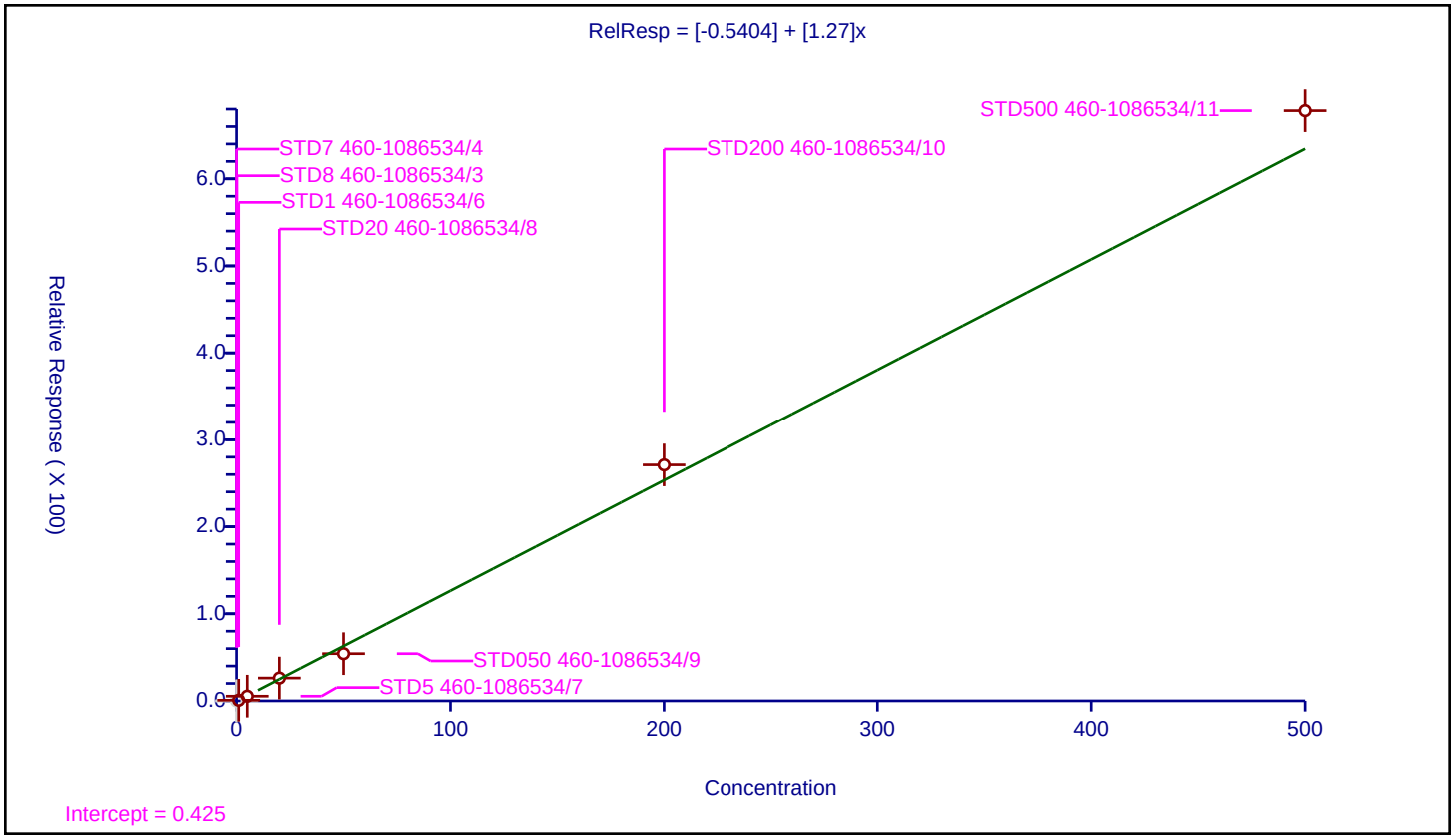
Curve Coefficients

Intercept:	-0.5404
Slope:	1.27

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.746105	50.0	711763.0	0.746105	Y
4	STD5 460-1086534/7	5.0	5.385931	50.0	705347.0	1.077186	Y
5	STD20 460-1086534/8	20.0	26.207237	50.0	677725.0	1.310362	Y
6	STD050 460-1086534/9	50.0	54.216996	50.0	738393.0	1.08434	Y
7	STD200 460-1086534/10	200.0	271.121665	50.0	733820.0	1.355608	Y
8	STD500 460-1086534/11	500.0	678.195496	50.0	745080.0	1.356391	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

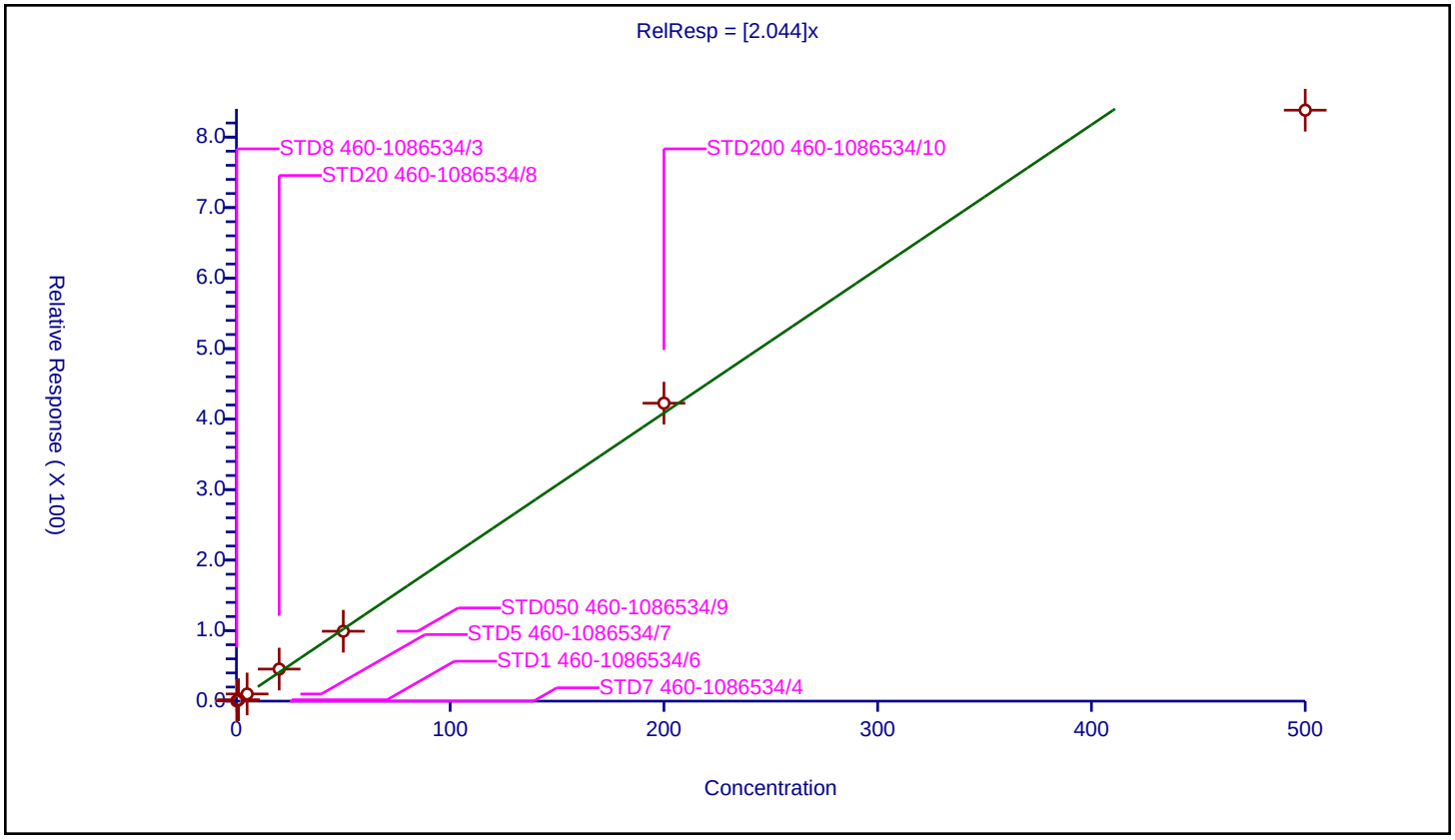
Curve Coefficients

Intercept:	0
Slope:	2.044

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.449179	50.0	451268.0	2.245894	Y
3	STD1 460-1086534/6	1.0	1.974069	50.0	478960.0	1.974069	Y
4	STD5 460-1086534/7	5.0	10.193832	50.0	475567.0	2.038766	Y
5	STD20 460-1086534/8	20.0	45.487748	50.0	466142.0	2.274387	Y
6	STD050 460-1086534/9	50.0	99.135346	50.0	511823.0	1.982707	Y
7	STD200 460-1086534/10	200.0	422.632853	50.0	520933.0	2.113164	Y
8	STD500 460-1086534/11	500.0	838.197725	50.0	603748.0	1.676395	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

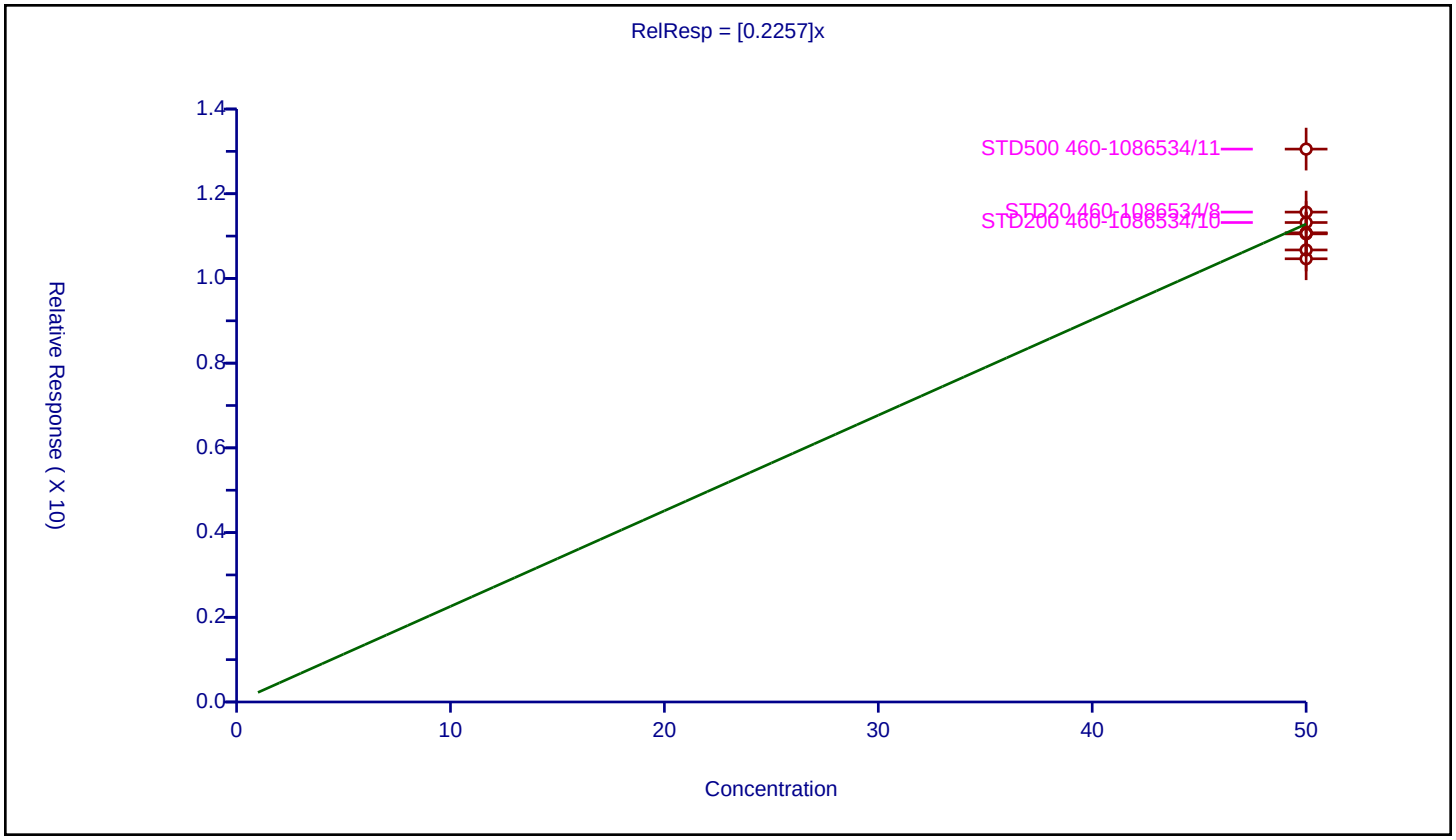
Curve Coefficients

Intercept:	0
Slope:	0.2257

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	50.0	11.067559	50.0	669059.0	0.221351	Y
2	STD7 460-1086534/4	50.0	10.464025	50.0	697958.0	0.209281	Y
3	STD1 460-1086534/6	50.0	10.672373	50.0	711763.0	0.213447	Y
4	STD5 460-1086534/7	50.0	11.076959	50.0	705347.0	0.221539	Y
5	STD20 460-1086534/8	50.0	11.565901	50.0	677725.0	0.231318	Y
6	STD050 460-1086534/9	50.0	11.052245	50.0	738393.0	0.221045	Y
7	STD200 460-1086534/10	50.0	11.320487	50.0	733820.0	0.22641	Y
8	STD500 460-1086534/11	50.0	13.053498	50.0	745080.0	0.26107	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

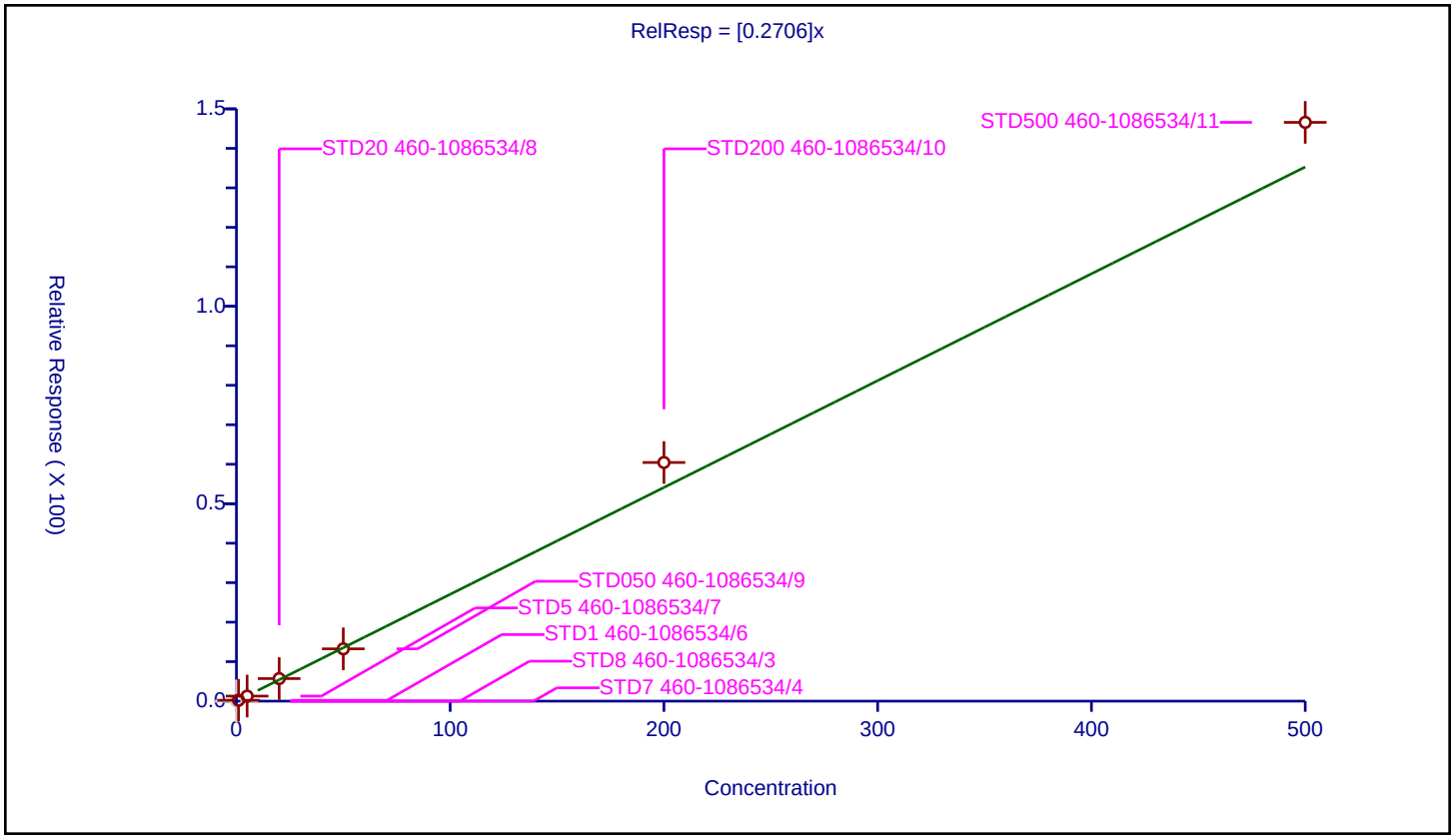
Curve Coefficients

Intercept:	0
Slope:	0.2706

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.221633	50.0	711763.0	0.221633	Y
4	STD5 460-1086534/7	5.0	1.280292	50.0	705347.0	0.256058	Y
5	STD20 460-1086534/8	20.0	5.710133	50.0	677725.0	0.285507	Y
6	STD050 460-1086534/9	50.0	13.247959	50.0	738393.0	0.264959	Y
7	STD200 460-1086534/10	200.0	60.445477	50.0	733820.0	0.302227	Y
8	STD500 460-1086534/11	500.0	146.584998	50.0	745080.0	0.29317	Y



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Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

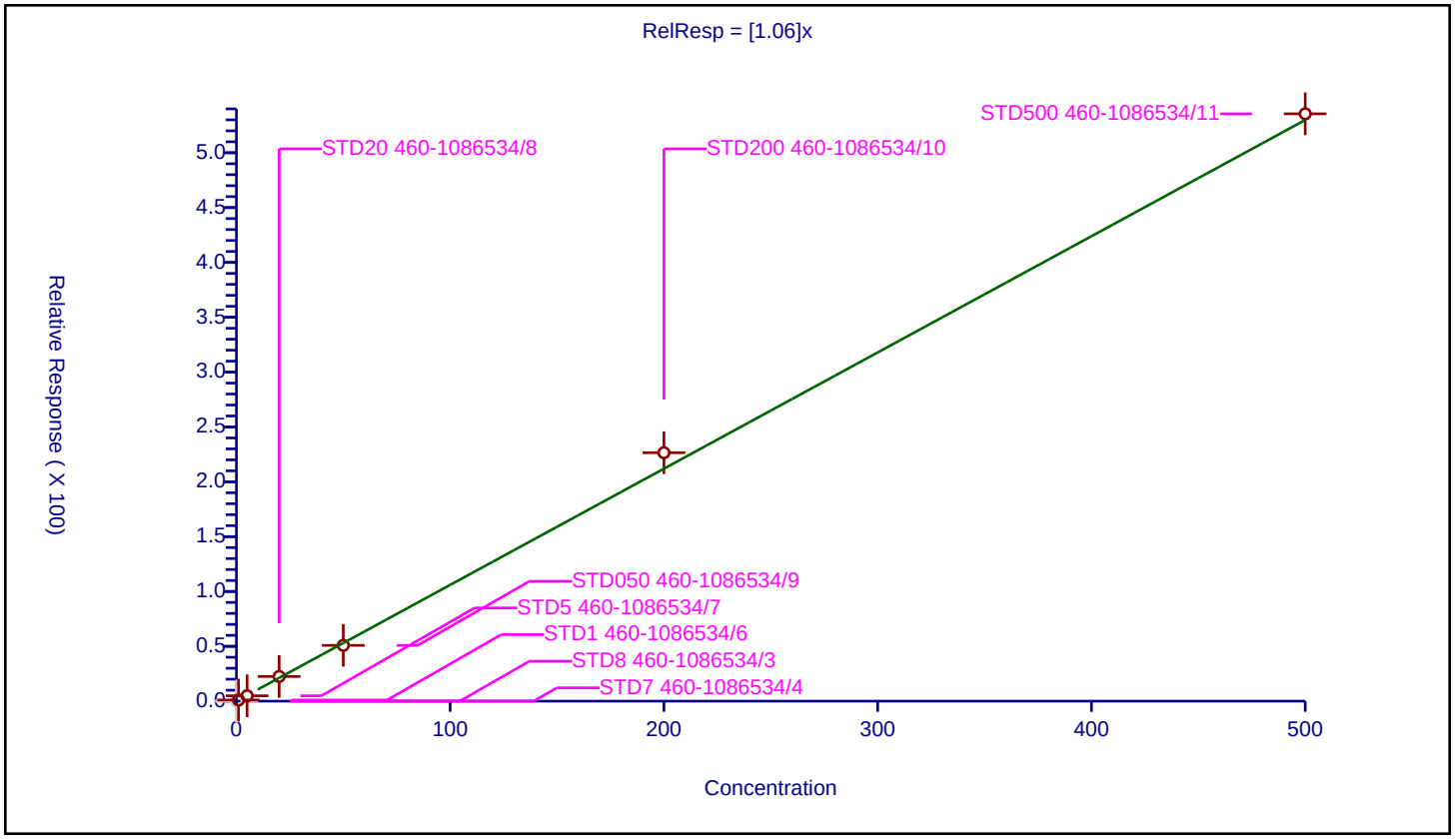
Curve Coefficients

Intercept:	0
Slope:	1.06

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	1.032717	50.0	711763.0	1.032717	Y
4	STD5 460-1086534/7	5.0	4.901914	50.0	705347.0	0.980383	Y
5	STD20 460-1086534/8	20.0	22.499613	50.0	677725.0	1.124981	Y
6	STD050 460-1086534/9	50.0	50.841151	50.0	738393.0	1.016823	Y
7	STD200 460-1086534/10	200.0	226.506773	50.0	733820.0	1.132534	Y
8	STD500 460-1086534/11	500.0	535.507798	50.0	745080.0	1.071016	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

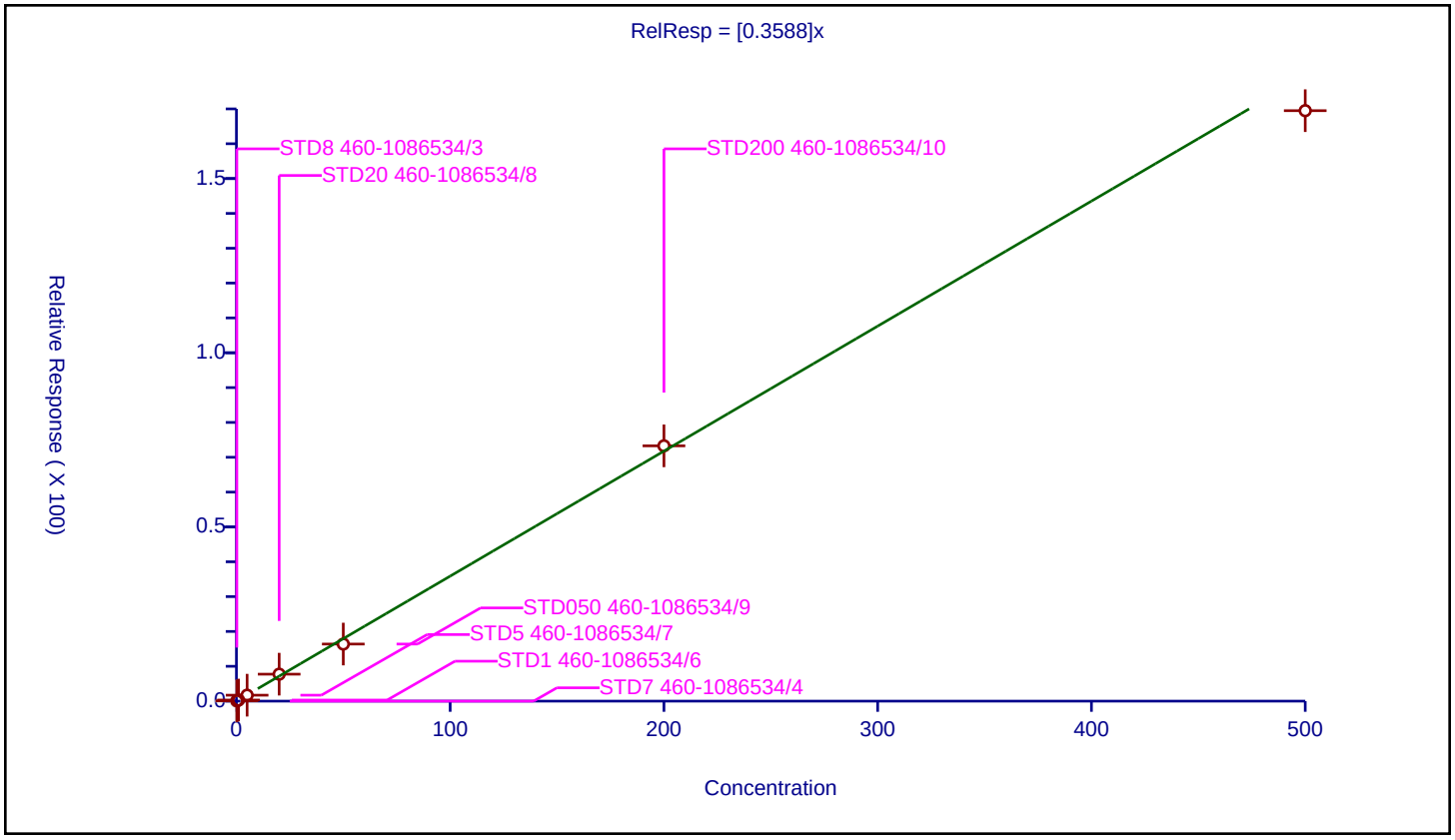
Curve Coefficients

Intercept:	0
Slope:	0.3588

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.088258	50.0	669059.0	0.441291	Y
3	STD1 460-1086534/6	1.0	0.308249	50.0	711763.0	0.308249	Y
4	STD5 460-1086534/7	5.0	1.709797	50.0	705347.0	0.341959	Y
5	STD20 460-1086534/8	20.0	7.741783	50.0	677725.0	0.387089	Y
6	STD050 460-1086534/9	50.0	16.389104	50.0	738393.0	0.327782	Y
7	STD200 460-1086534/10	200.0	73.28507	50.0	733820.0	0.366425	Y
8	STD500 460-1086534/11	500.0	169.486297	50.0	745080.0	0.338973	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

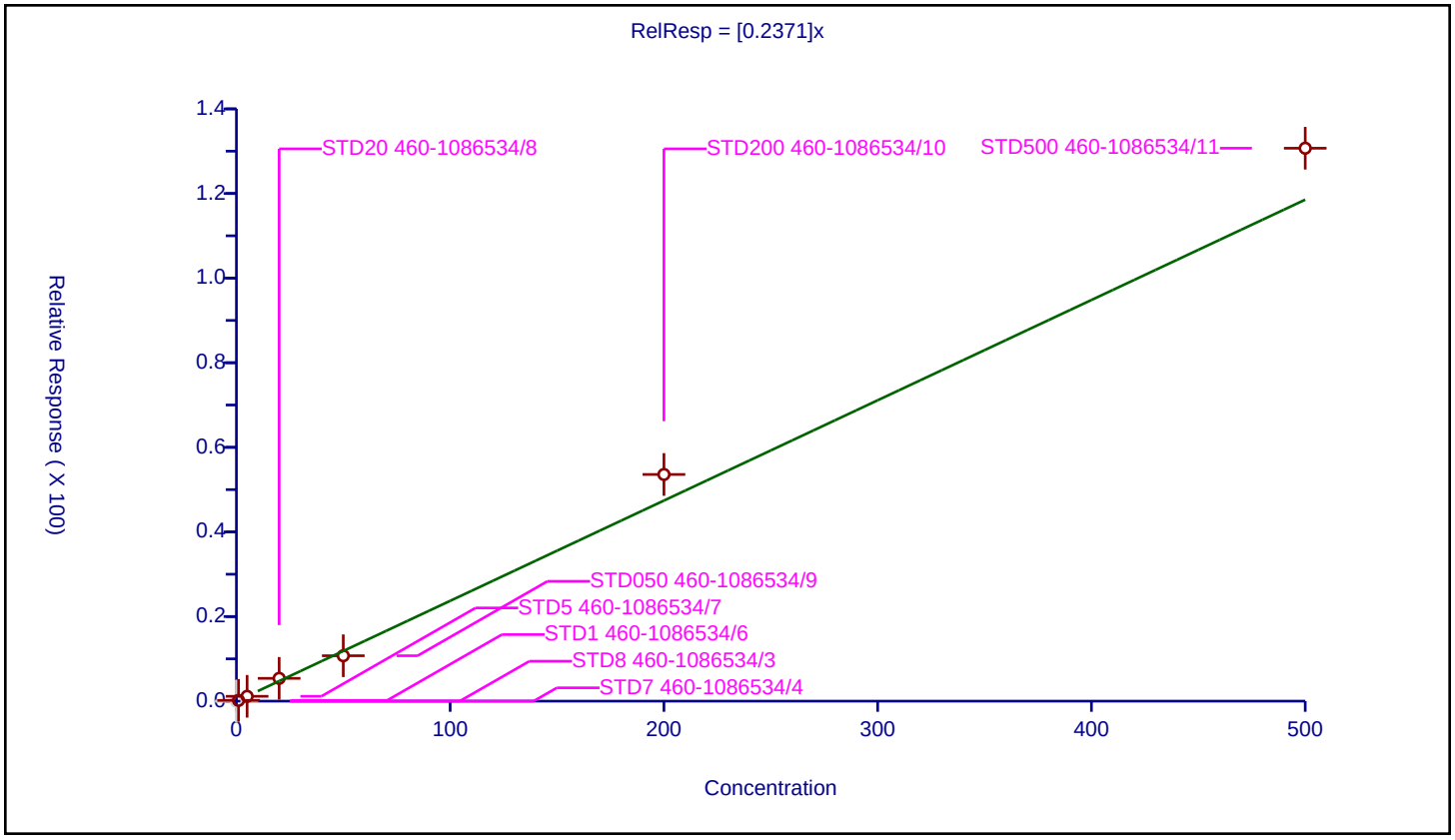
Curve Coefficients

Intercept:	0
Slope:	0.2371

Error Coefficients

Relative Standard Deviation:	15.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.181029	50.0	711763.0	0.181029	Y
4	STD5 460-1086534/7	5.0	1.139723	50.0	705347.0	0.227945	Y
5	STD20 460-1086534/8	20.0	5.388985	50.0	677725.0	0.269449	Y
6	STD050 460-1086534/9	50.0	10.734324	50.0	738393.0	0.214686	Y
7	STD200 460-1086534/10	200.0	53.578943	50.0	733820.0	0.267895	Y
8	STD500 460-1086534/11	500.0	130.70281	50.0	745080.0	0.261406	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

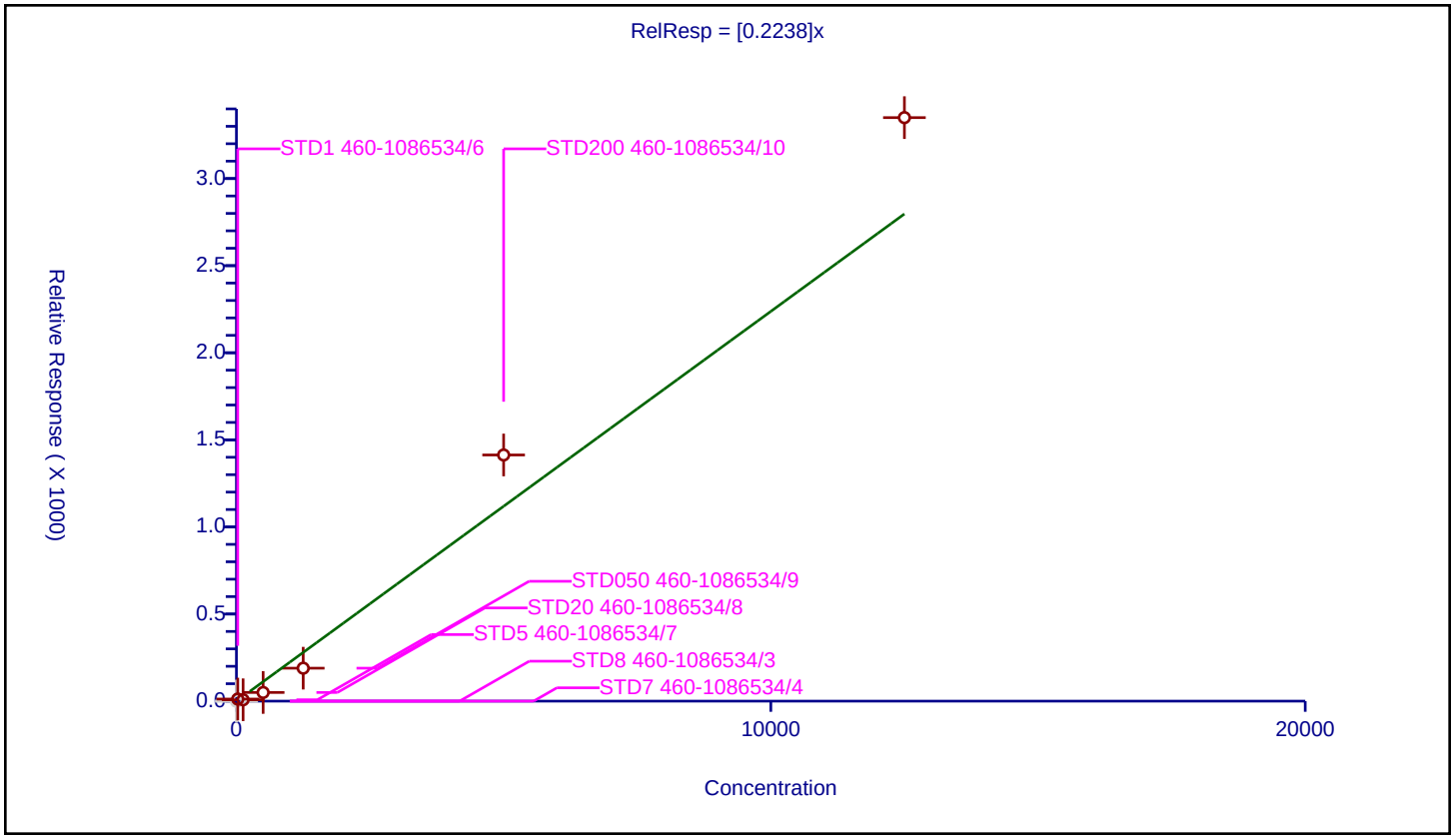
Curve Coefficients

Intercept:	0
Slope:	0.2238

Error Coefficients

Relative Standard Deviation:	68.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	1000.0	216188.0	NaN	N
2	STD8 460-1086534/3	5.0	0.0	1000.0	216946.0	0.0	N
3	STD1 460-1086534/6	25.0	11.936345	1000.0	235583.0	0.477454	Y
4	STD5 460-1086534/7	125.0	7.947743	1000.0	234532.0	0.063582	Y
5	STD20 460-1086534/8	500.0	49.755885	1000.0	220798.0	0.099512	Y
6	STD050 460-1086534/9	1250.0	189.176276	1000.0	251152.0	0.151341	Y
7	STD200 460-1086534/10	5000.0	1413.182615	1000.0	246552.0	0.282637	Y
8	STD500 460-1086534/11	12500.0	3349.863528	1000.0	282110.0	0.267989	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

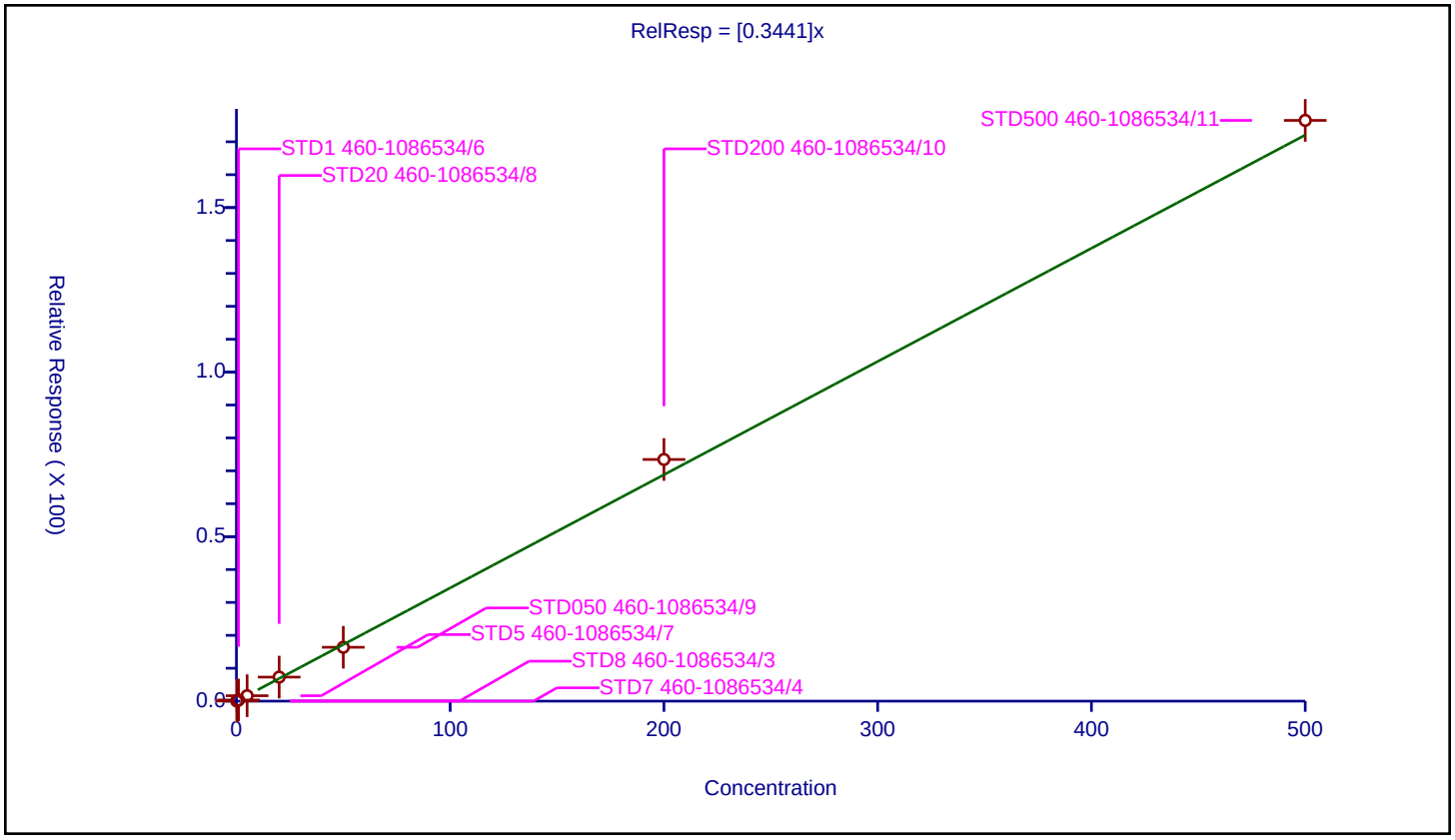
Curve Coefficients

Intercept:	0
Slope:	0.3441

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.06397	50.0	669059.0	0.319852	Y
3	STD1 460-1086534/6	1.0	0.346112	50.0	711763.0	0.346112	Y
4	STD5 460-1086534/7	5.0	1.648196	50.0	705347.0	0.329639	Y
5	STD20 460-1086534/8	20.0	7.308717	50.0	677725.0	0.365436	Y
6	STD050 460-1086534/9	50.0	16.37028	50.0	738393.0	0.327406	Y
7	STD200 460-1086534/10	200.0	73.447848	50.0	733820.0	0.367239	Y
8	STD500 460-1086534/11	500.0	176.499571	50.0	745080.0	0.352999	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

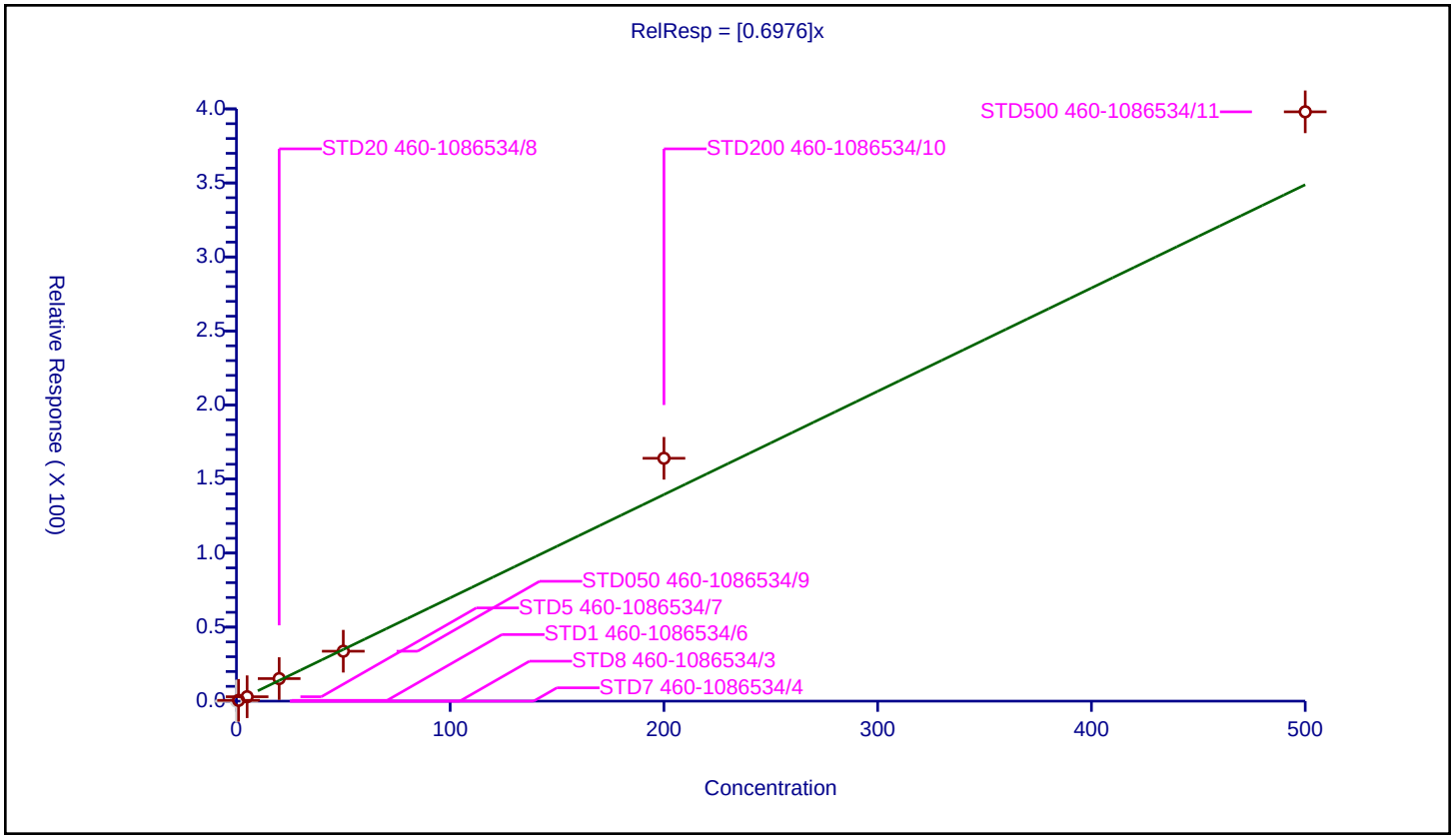
Curve Coefficients

Intercept:	0
Slope:	0.6976

Error Coefficients

Relative Standard Deviation:	16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.5381	50.0	711763.0	0.5381	Y
4	STD5 460-1086534/7	5.0	2.979172	50.0	705347.0	0.595834	Y
5	STD20 460-1086534/8	20.0	15.220038	50.0	677725.0	0.761002	Y
6	STD050 460-1086534/9	50.0	33.716056	50.0	738393.0	0.674321	Y
7	STD200 460-1086534/10	200.0	164.020264	50.0	733820.0	0.820101	Y
8	STD500 460-1086534/11	500.0	398.015784	50.0	745080.0	0.796032	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

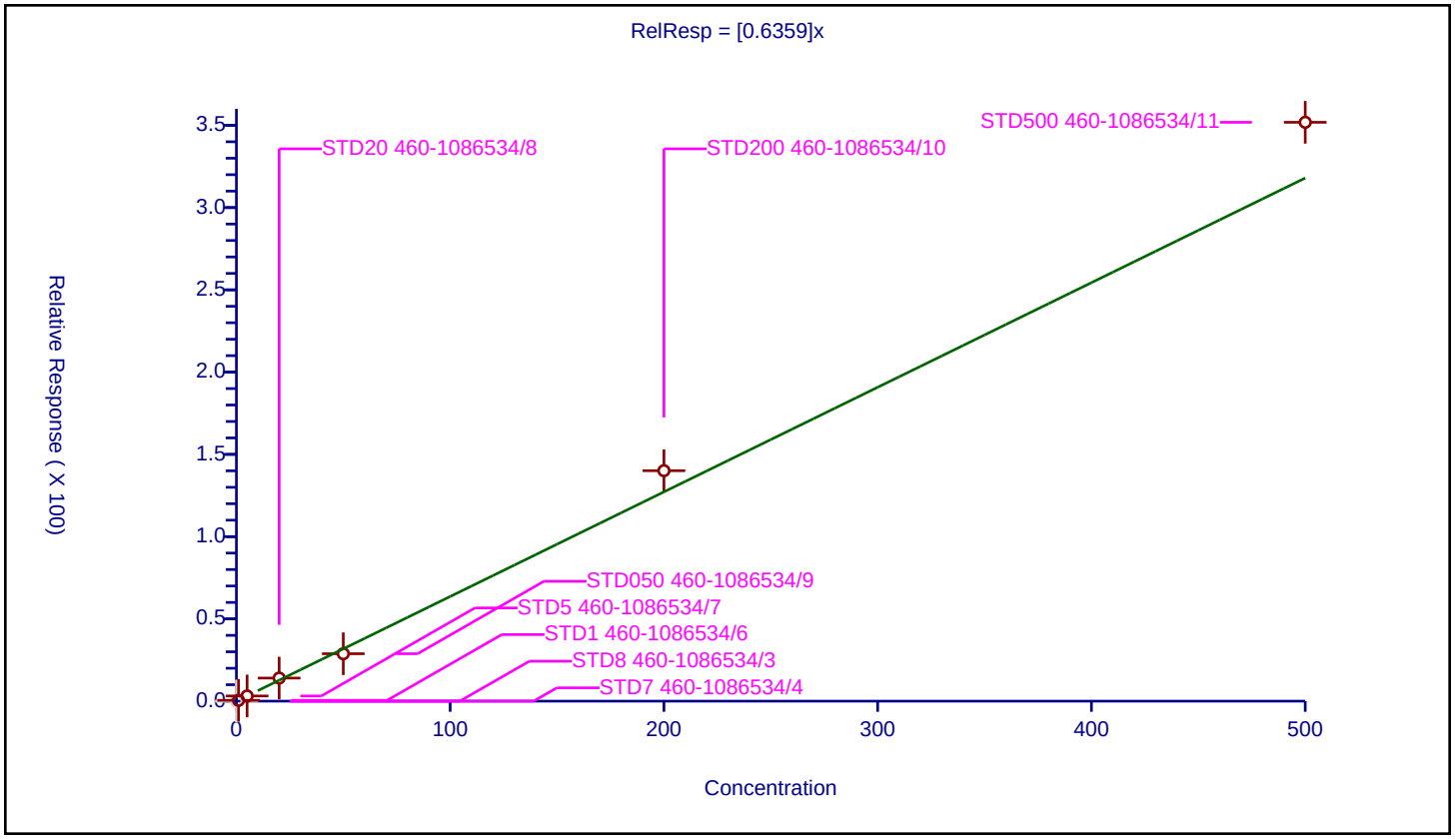
Curve Coefficients

Intercept:	0
Slope:	0.6359

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.503749	50.0	711763.0	0.503749	Y
4	STD5 460-1086534/7	5.0	3.150506	50.0	705347.0	0.630101	Y
5	STD20 460-1086534/8	20.0	14.02228	50.0	677725.0	0.701114	Y
6	STD050 460-1086534/9	50.0	28.83065	50.0	738393.0	0.576613	Y
7	STD200 460-1086534/10	200.0	140.082582	50.0	733820.0	0.700413	Y
8	STD500 460-1086534/11	500.0	351.84611	50.0	745080.0	0.703692	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

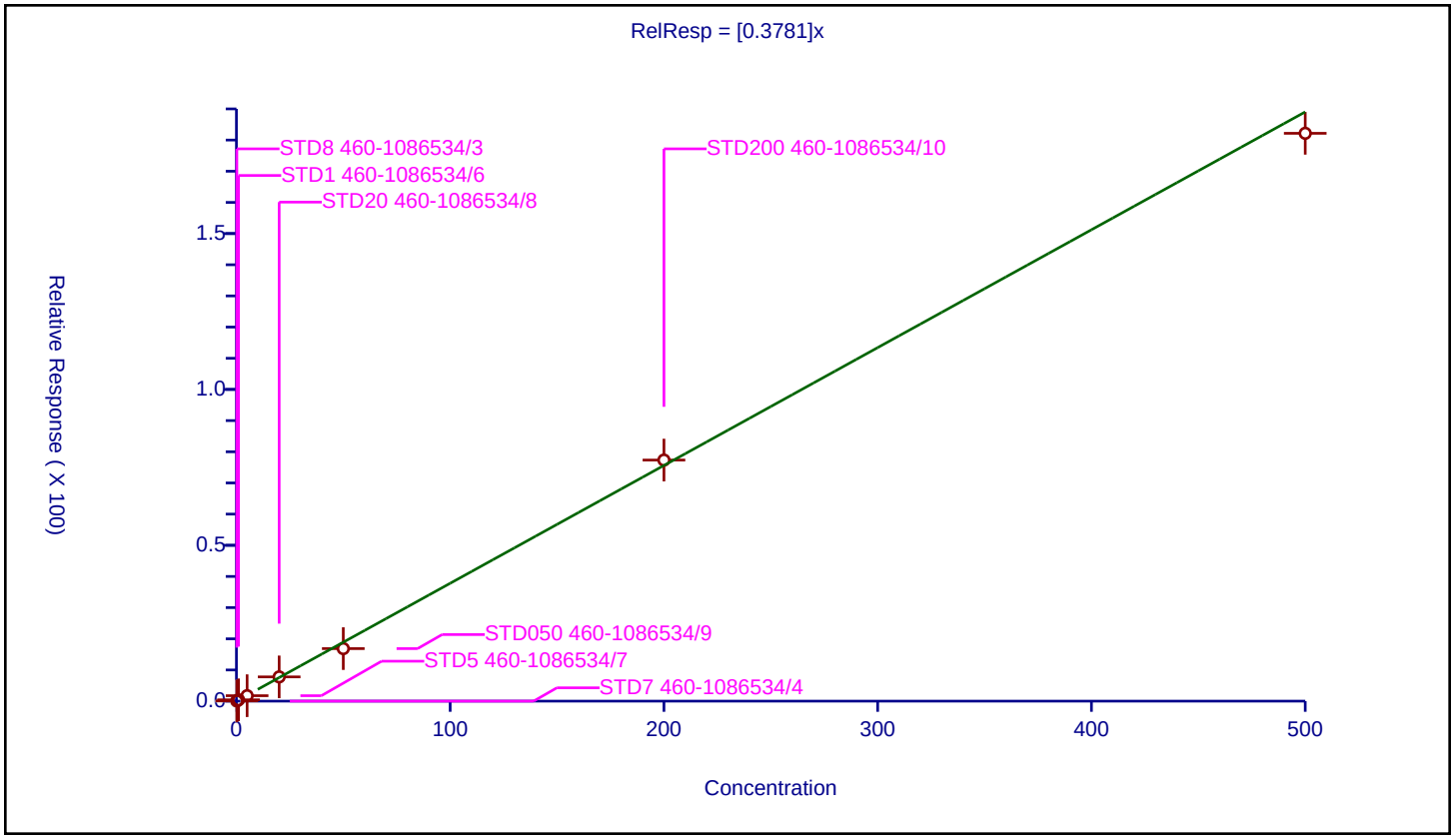
Curve Coefficients

Intercept:	0
Slope:	0.3781

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.07929	50.0	669059.0	0.396452	Y
3	STD1 460-1086534/6	1.0	0.423947	50.0	711763.0	0.423947	Y
4	STD5 460-1086534/7	5.0	1.744673	50.0	705347.0	0.348935	Y
5	STD20 460-1086534/8	20.0	7.780589	50.0	677725.0	0.389029	Y
6	STD050 460-1086534/9	50.0	16.849835	50.0	738393.0	0.336997	Y
7	STD200 460-1086534/10	200.0	77.338039	50.0	733820.0	0.38669	Y
8	STD500 460-1086534/11	500.0	182.162922	50.0	745080.0	0.364326	Y



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Calibration / Methyl methacrylate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

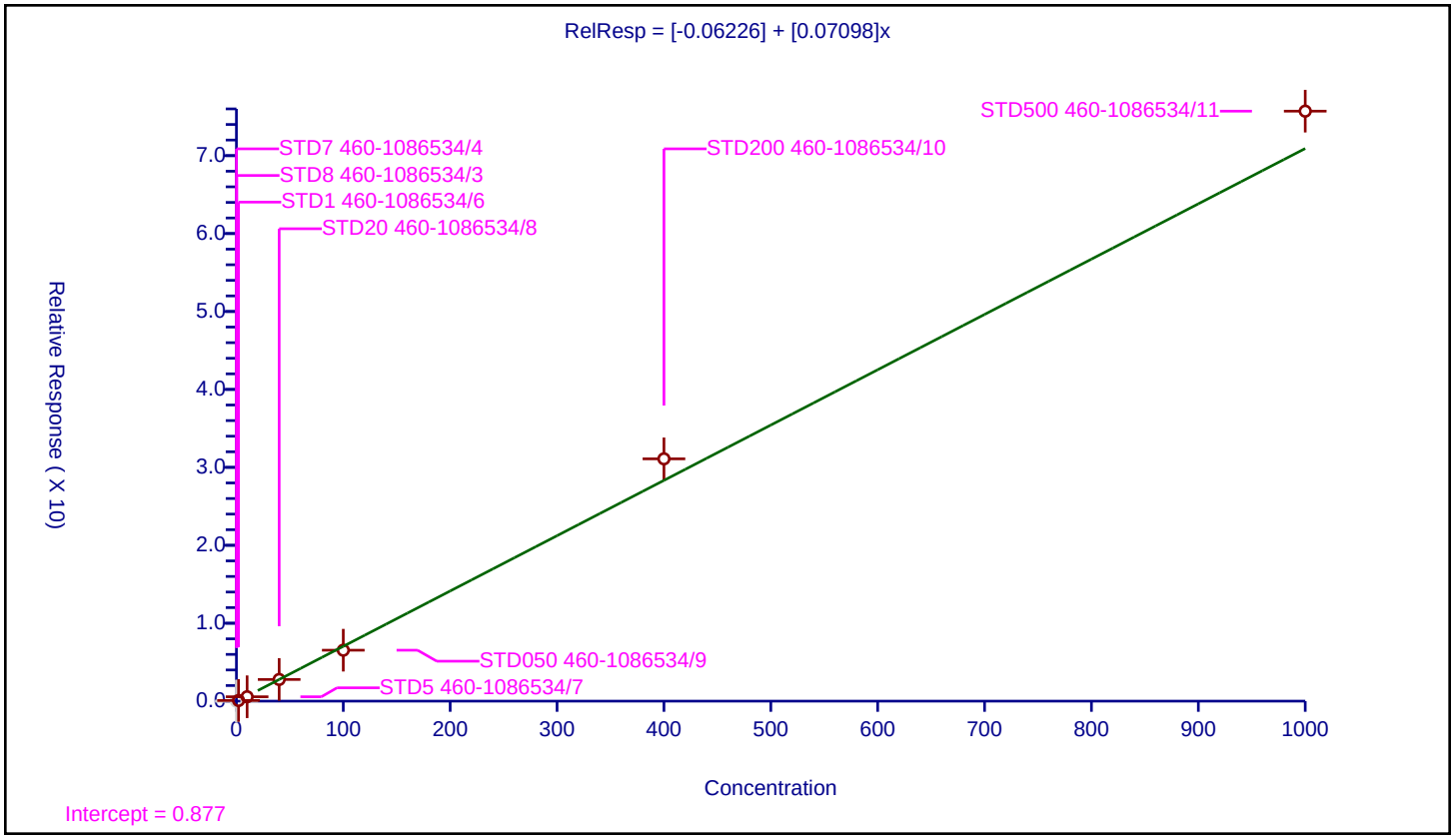
Curve Coefficients

Intercept:	-0.06226
Slope:	0.07098

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.4	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	2.0	0.083244	50.0	711763.0	0.041622	Y
4	STD5 460-1086534/7	10.0	0.561284	50.0	705347.0	0.056128	Y
5	STD20 460-1086534/8	40.0	2.782028	50.0	677725.0	0.069551	Y
6	STD050 460-1086534/9	100.0	6.536357	50.0	738393.0	0.065364	Y
7	STD200 460-1086534/10	400.0	31.094819	50.0	733820.0	0.077737	Y
8	STD500 460-1086534/11	1000.0	75.710863	50.0	745080.0	0.075711	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

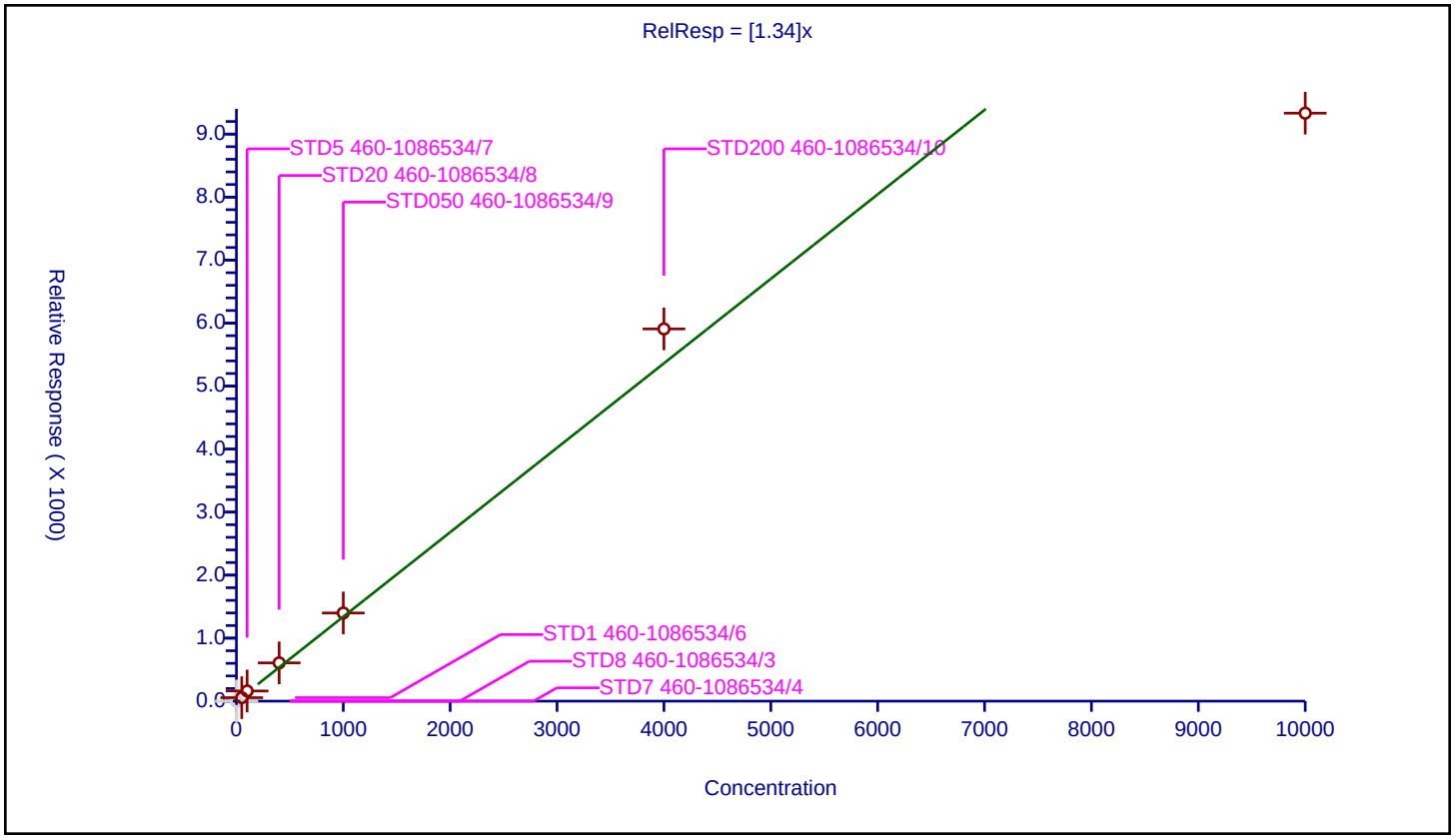
Curve Coefficients

Intercept:	0
Slope:	1.34

Error Coefficients

Relative Standard Deviation:	19.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	1000.0	22778.0	NaN	N
2	STD8 460-1086534/3	4.0	0.0	1000.0	25607.0	0.0	N
3	STD1 460-1086534/6	50.0	54.985683	1000.0	27589.0	1.099714	Y
4	STD5 460-1086534/7	100.0	161.460074	1000.0	23944.0	1.614601	Y
5	STD20 460-1086534/8	400.0	607.720127	1000.0	27098.0	1.5193	Y
6	STD050 460-1086534/9	1000.0	1399.166557	1000.0	30476.0	1.399167	Y
7	STD200 460-1086534/10	4000.0	5907.662083	1000.0	31049.0	1.476916	Y
8	STD500 460-1086534/11	10000.0	9331.962271	1000.0	46436.0	0.933196	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

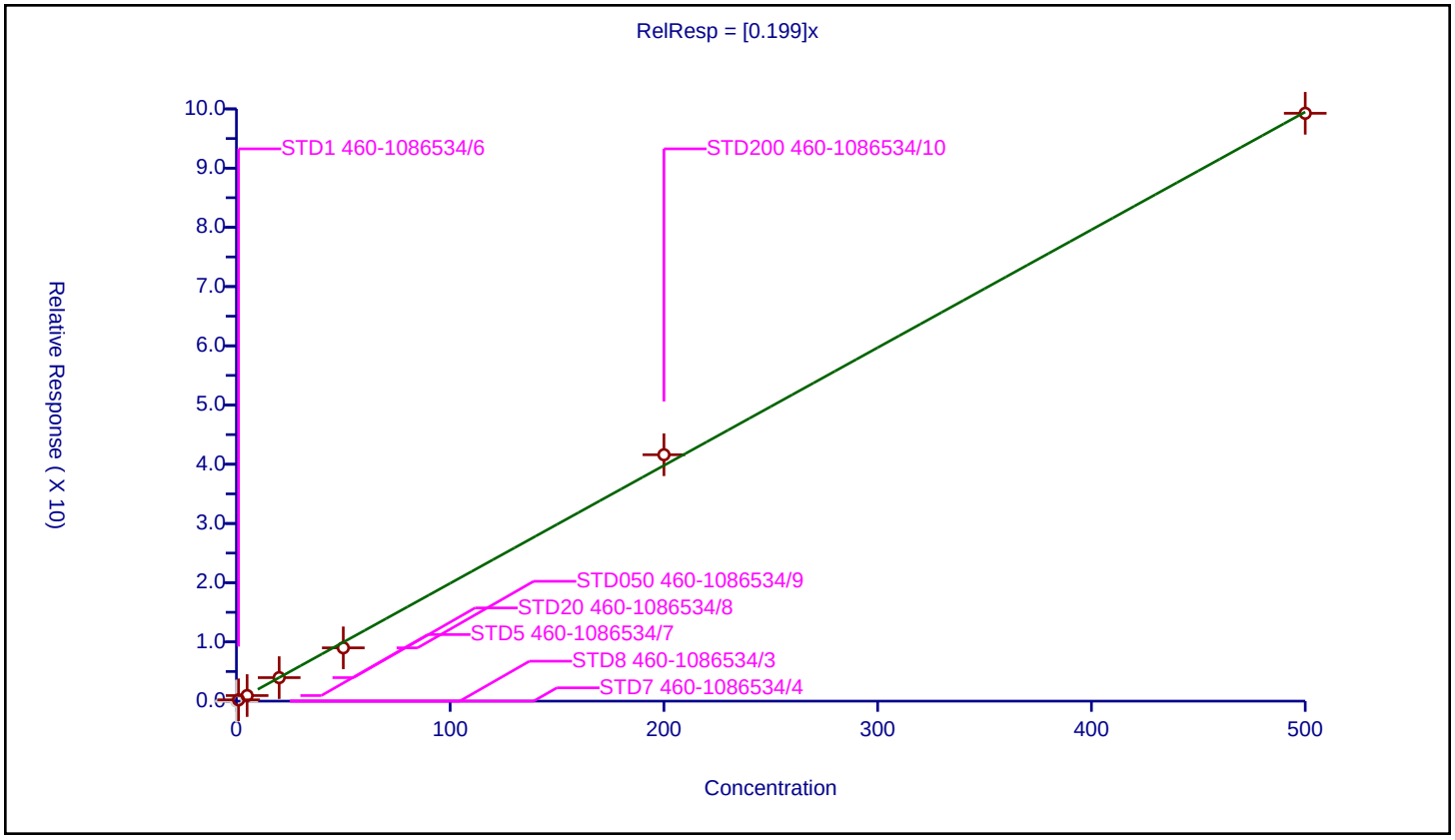
Curve Coefficients

Intercept:	0
Slope:	0.199

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.22079	50.0	711763.0	0.22079	Y
4	STD5 460-1086534/7	5.0	0.940317	50.0	705347.0	0.188063	Y
5	STD20 460-1086534/8	20.0	3.967317	50.0	677725.0	0.198366	Y
6	STD050 460-1086534/9	50.0	9.001914	50.0	738393.0	0.180038	Y
7	STD200 460-1086534/10	200.0	41.606593	50.0	733820.0	0.208033	Y
8	STD500 460-1086534/11	500.0	99.256523	50.0	745080.0	0.198513	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

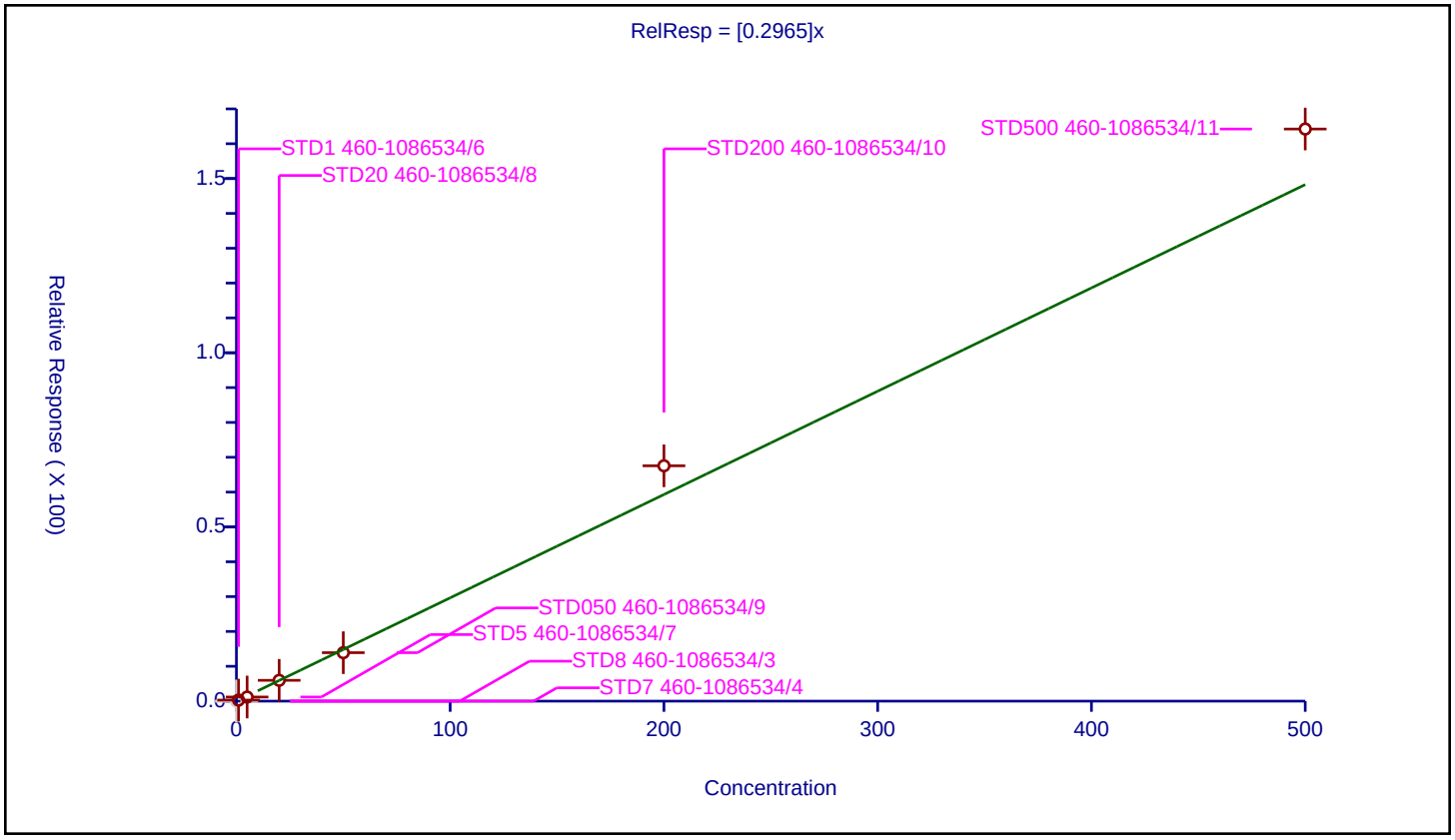
Curve Coefficients

Intercept:	0
Slope:	0.2965

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0	0.30003	50.0	711763.0	0.30003	Y
4	STD5 460-1086534/7	5.0	1.180554	50.0	705347.0	0.236111	Y
5	STD20 460-1086534/8	20.0	5.973367	50.0	677725.0	0.298668	Y
6	STD050 460-1086534/9	50.0	13.907635	50.0	738393.0	0.278153	Y
7	STD200 460-1086534/10	200.0	67.557848	50.0	733820.0	0.337789	Y
8	STD500 460-1086534/11	500.0	164.222634	50.0	745080.0	0.328445	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

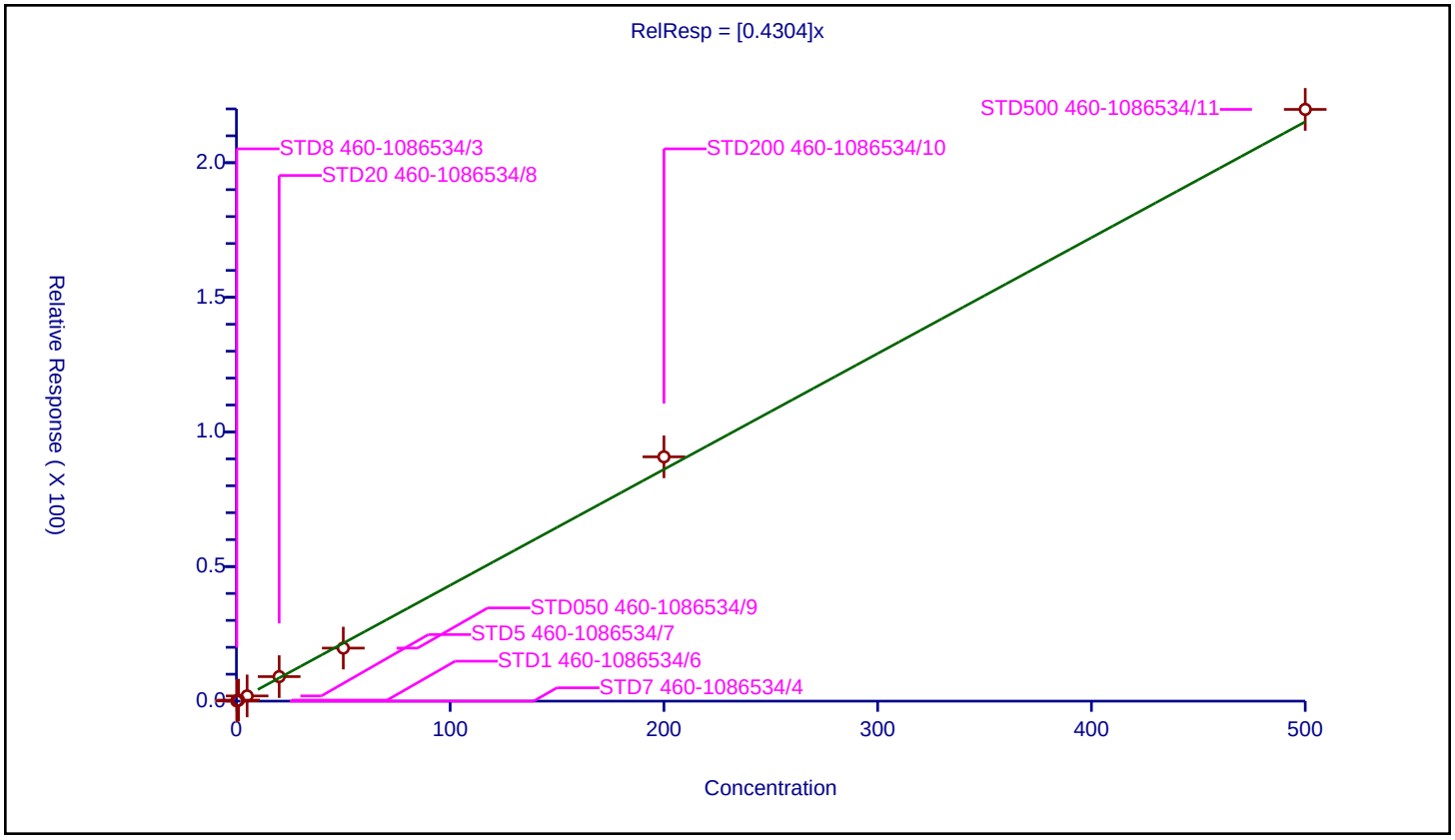
Curve Coefficients

Intercept:	0
Slope:	0.4304

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.2	0.100514	50.0	669059.0	0.502572	Y
3	STD1 460-1086534/6	1.0	0.379972	50.0	711763.0	0.379972	Y
4	STD5 460-1086534/7	5.0	1.939046	50.0	705347.0	0.387809	Y
5	STD20 460-1086534/8	20.0	9.105537	50.0	677725.0	0.455277	Y
6	STD050 460-1086534/9	50.0	19.699537	50.0	738393.0	0.393991	Y
7	STD200 460-1086534/10	200.0	90.744937	50.0	733820.0	0.453725	Y
8	STD500 460-1086534/11	500.0	219.816328	50.0	745080.0	0.439633	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

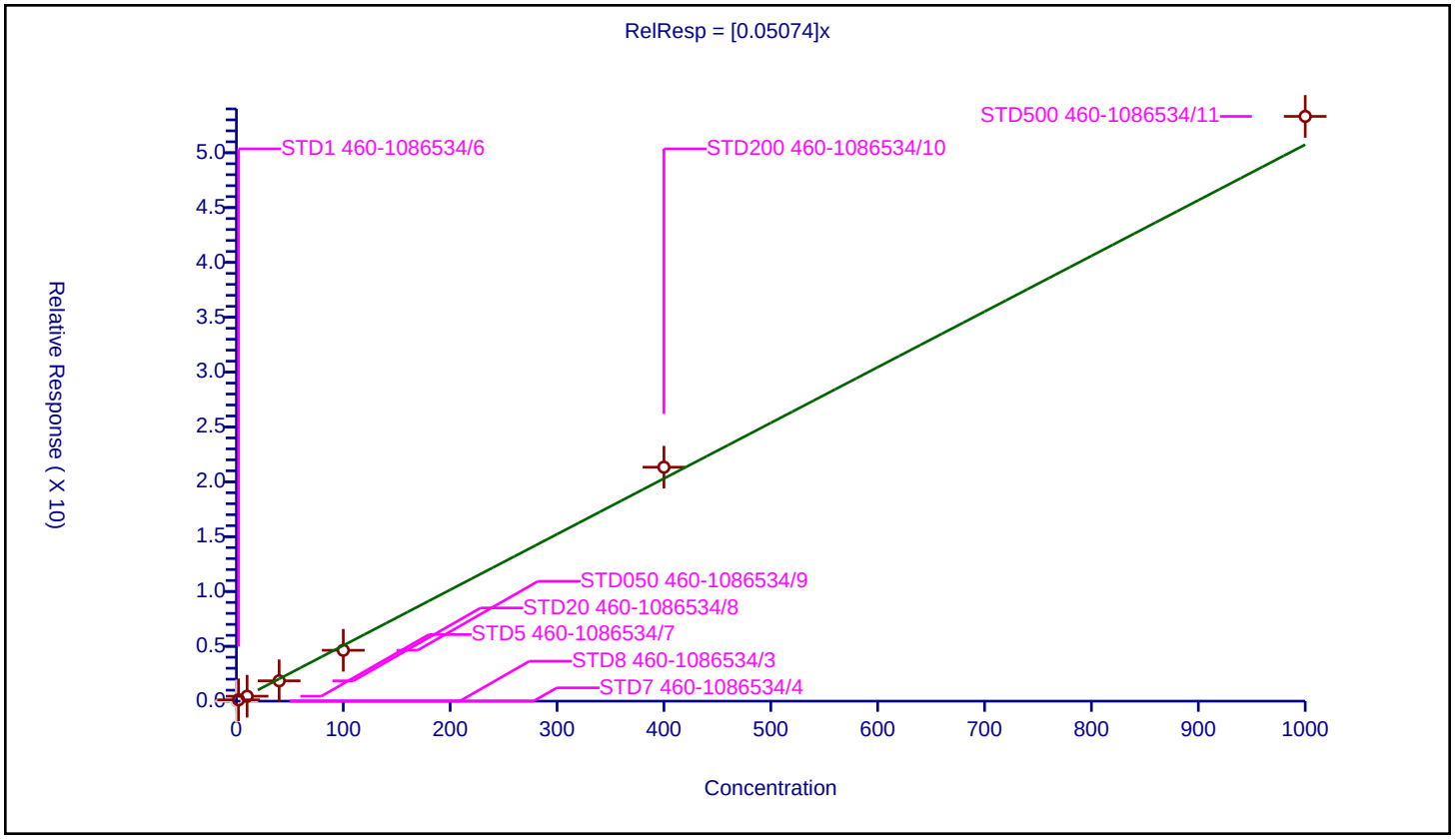
Curve Coefficients

Intercept:	0
Slope:	0.05074

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.4	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	2.0	0.120195	50.0	711763.0	0.060097	Y
4	STD5 460-1086534/7	10.0	0.450346	50.0	705347.0	0.045035	Y
5	STD20 460-1086534/8	40.0	1.85289	50.0	677725.0	0.046322	Y
6	STD050 460-1086534/9	100.0	4.636284	50.0	738393.0	0.046363	Y
7	STD200 460-1086534/10	400.0	21.331185	50.0	733820.0	0.053328	Y
8	STD500 460-1086534/11	1000.0	53.316154	50.0	745080.0	0.053316	Y



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Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

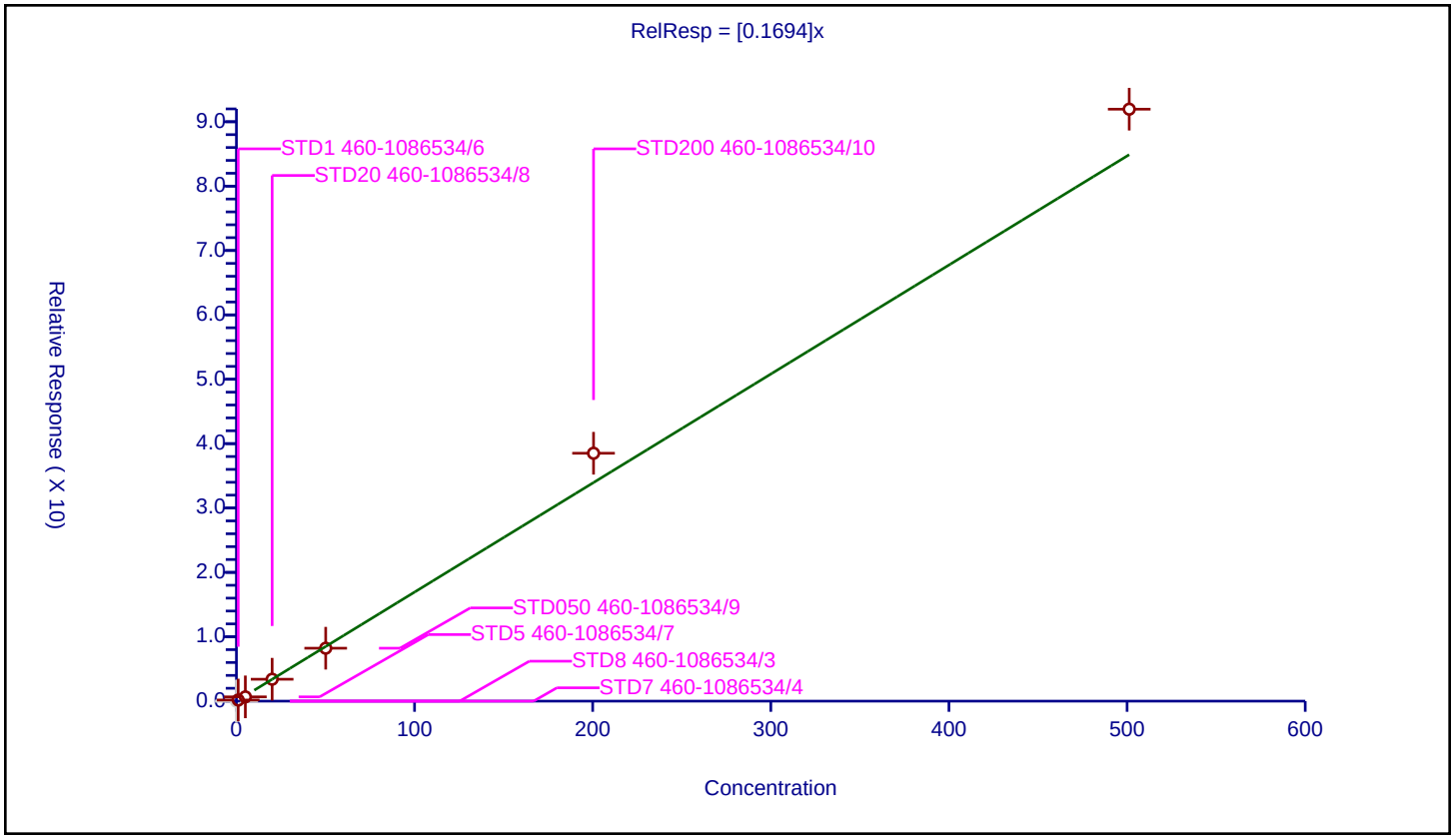
Curve Coefficients

Intercept:	0
Slope:	0.1694

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	697958.0	NaN	N
2	STD8 460-1086534/3	0.20048	0.0	50.0	669059.0	0.0	N
3	STD1 460-1086534/6	1.0024	0.174988	50.0	711763.0	0.174569	Y
4	STD5 460-1086534/7	5.012	0.662865	50.0	705347.0	0.132256	Y
5	STD20 460-1086534/8	20.048	3.403962	50.0	677725.0	0.169791	Y
6	STD050 460-1086534/9	50.12	8.221503	50.0	738393.0	0.164036	Y
7	STD200 460-1086534/10	200.48	38.507195	50.0	733820.0	0.192075	Y
8	STD500 460-1086534/11	501.2	91.954958	50.0	745080.0	0.18347	Y



Calibration / Epichlorohydrin

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

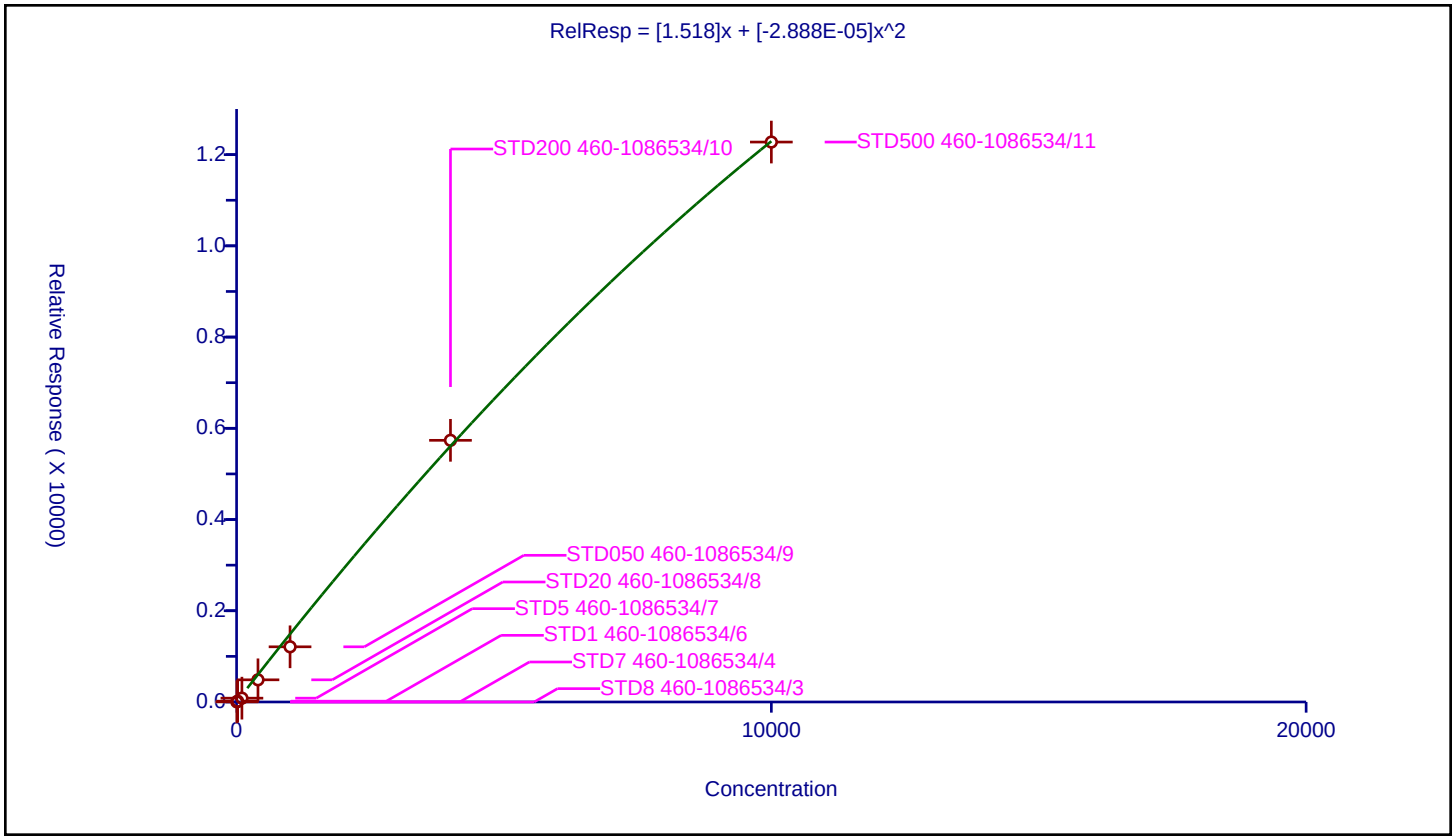
Curve Coefficients

Intercept:	0
Slope:	1.518
Second Order:	-2.888E-05

Error Coefficients

Relative Standard Deviation:	38.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	4.000007	0.0	1000.0	216946.0	0.0	N
2	STD7 460-1086534/4	5.000009	3.478454	1000.0	216188.0	0.69569	Y
3	STD1 460-1086534/6	20.000035	17.866315	1000.0	235583.0	0.893314	Y
4	STD5 460-1086534/7	100.000173	83.933109	1000.0	234532.0	0.83933	Y
5	STD20 460-1086534/8	400.000692	486.114005	1000.0	220798.0	1.215283	Y
6	STD050 460-1086534/9	1000.00173	1210.032172	1000.0	251152.0	1.21003	Y
7	STD200 460-1086534/10	4000.00692	5736.530225	1000.0	246552.0	1.43413	Y
8	STD500 460-1086534/11	10000.0173	12275.821488	1000.0	282110.0	1.22758	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

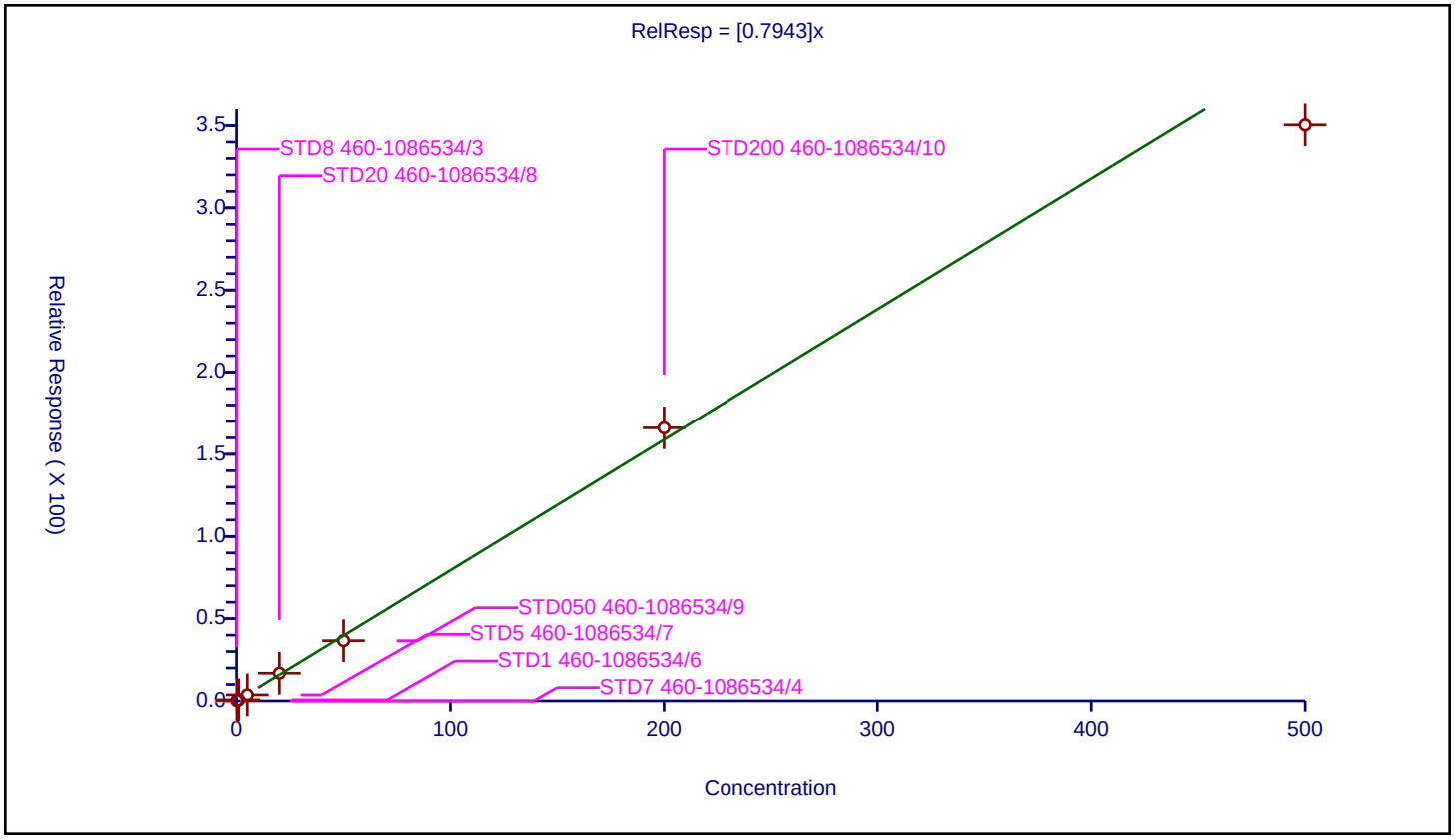
Curve Coefficients

Intercept:	0
Slope:	0.7943

Error Coefficients

Relative Standard Deviation:	17.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.213509	50.0	451268.0	1.067547	Y
3	STD1 460-1086534/6	1.0	0.653708	50.0	478960.0	0.653708	Y
4	STD5 460-1086534/7	5.0	3.663417	50.0	475567.0	0.732683	Y
5	STD20 460-1086534/8	20.0	16.849372	50.0	466142.0	0.842469	Y
6	STD050 460-1086534/9	50.0	36.625748	50.0	511823.0	0.732515	Y
7	STD200 460-1086534/10	200.0	166.100631	50.0	520933.0	0.830503	Y
8	STD500 460-1086534/11	500.0	350.419629	50.0	603748.0	0.700839	Y



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Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

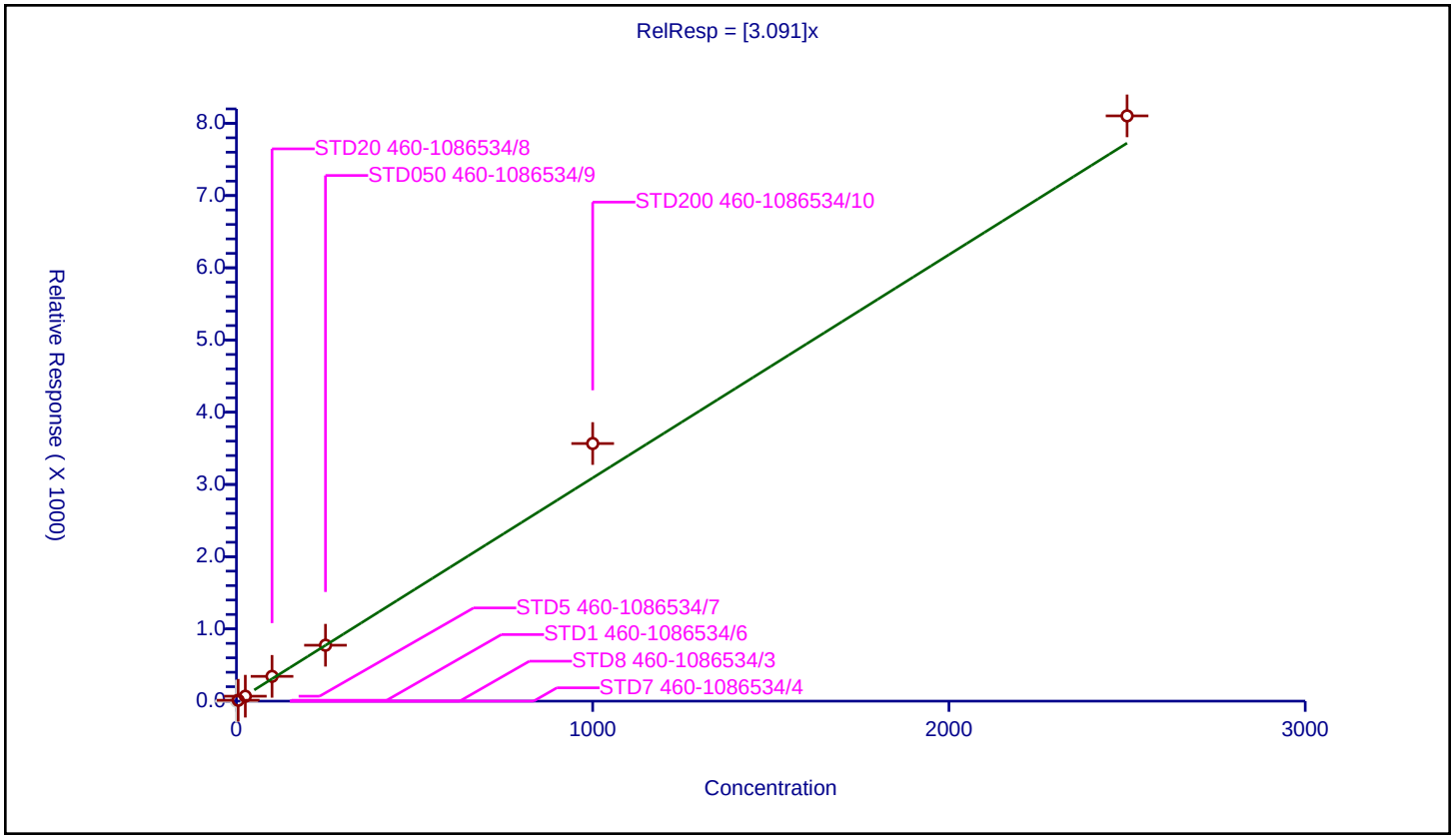
Curve Coefficients

Intercept:	0
Slope:	3.091

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	250.0	194329.0	NaN	N
2	STD8 460-1086534/3	1.0	0.0	250.0	189944.0	0.0	N
3	STD1 460-1086534/6	5.0	12.351609	250.0	210256.0	2.470322	Y
4	STD5 460-1086534/7	25.0	68.406284	250.0	217385.0	2.736251	Y
5	STD20 460-1086534/8	100.0	343.305141	250.0	208212.0	3.433051	Y
6	STD050 460-1086534/9	250.0	774.038261	250.0	239722.0	3.096153	Y
7	STD200 460-1086534/10	1000.0	3566.739044	250.0	249157.0	3.566739	Y
8	STD500 460-1086534/11	2500.0	8103.26813	250.0	267217.0	3.241307	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

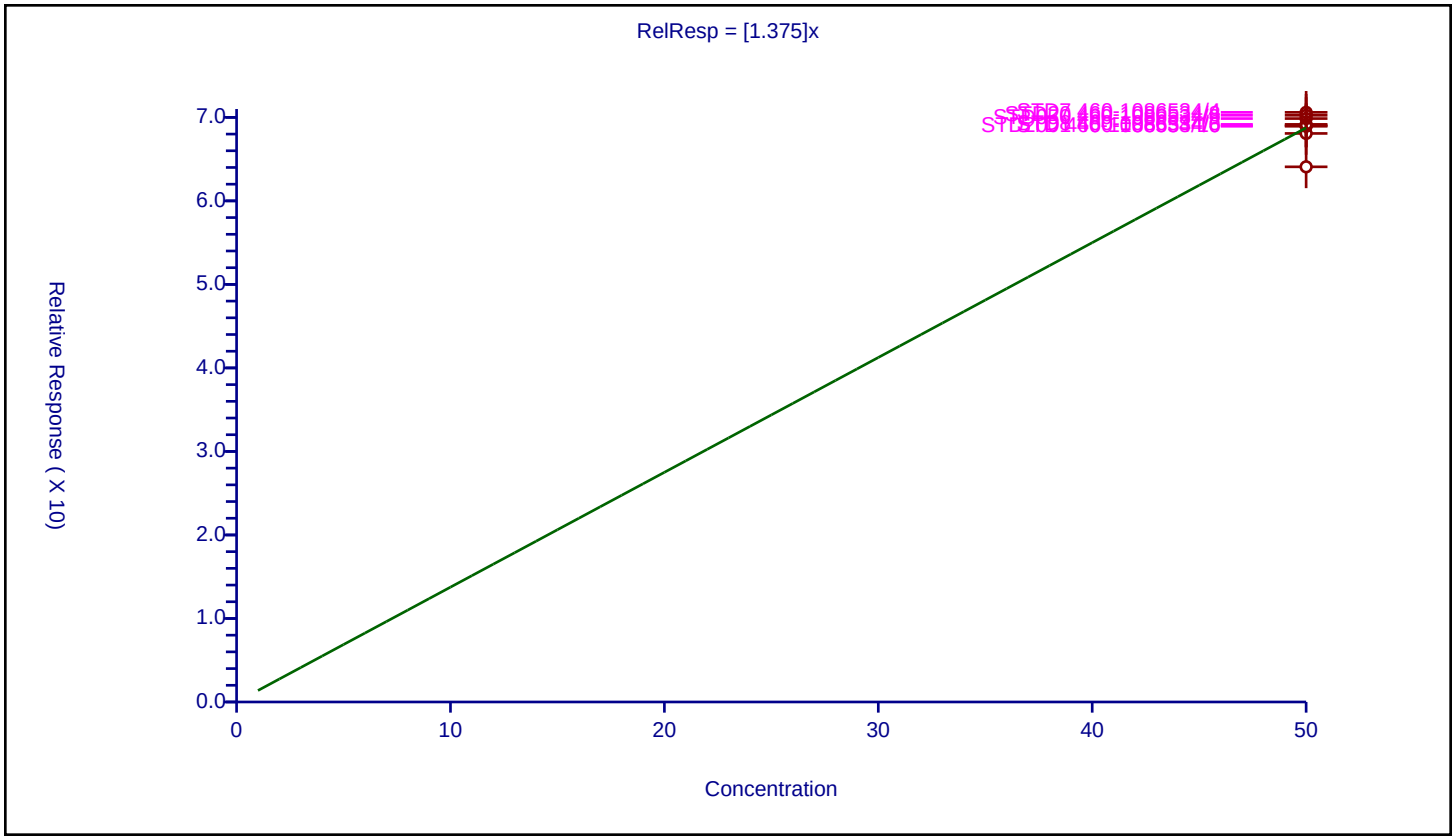
Curve Coefficients

Intercept:	0
Slope:	1.375

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	50.0	69.162338	50.0	451268.0	1.383247	Y
2	STD7 460-1086534/4	50.0	70.601434	50.0	462395.0	1.412029	Y
3	STD1 460-1086534/6	50.0	68.934149	50.0	478960.0	1.378683	Y
4	STD5 460-1086534/7	50.0	68.075161	50.0	475567.0	1.361503	Y
5	STD20 460-1086534/8	50.0	70.246727	50.0	466142.0	1.404935	Y
6	STD050 460-1086534/9	50.0	69.856474	50.0	511823.0	1.397129	Y
7	STD200 460-1086534/10	50.0	69.008682	50.0	520933.0	1.380174	Y
8	STD500 460-1086534/11	50.0	64.078059	50.0	603748.0	1.281561	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

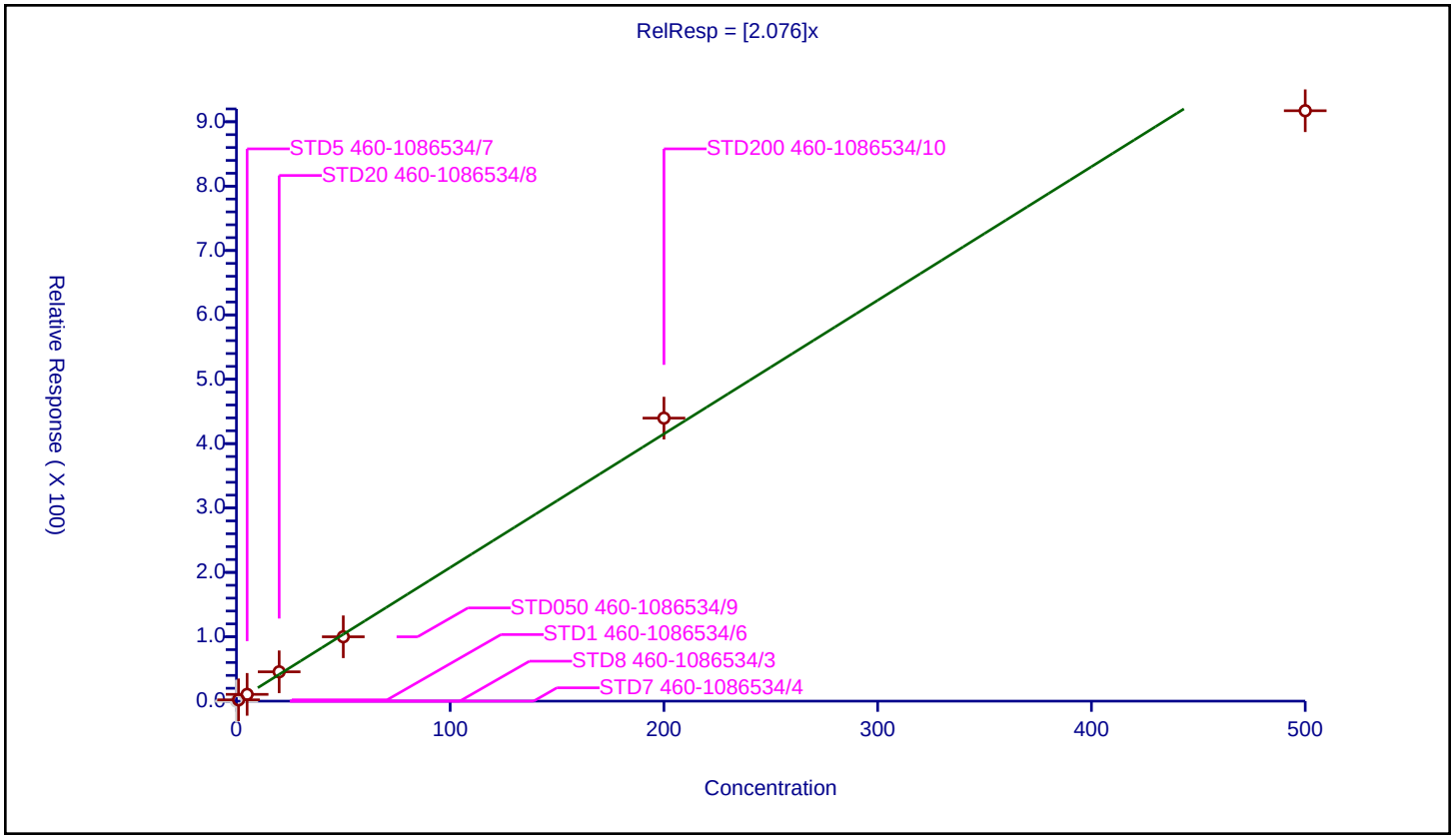
Curve Coefficients

Intercept:	0
Slope:	2.076

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	2.041611	50.0	478960.0	2.041611	Y
4	STD5 460-1086534/7	5.0	10.50956	50.0	475567.0	2.101912	Y
5	STD20 460-1086534/8	20.0	45.553501	50.0	466142.0	2.277675	Y
6	STD050 460-1086534/9	50.0	99.978997	50.0	511823.0	1.99958	Y
7	STD200 460-1086534/10	200.0	439.644542	50.0	520933.0	2.198223	Y
8	STD500 460-1086534/11	500.0	917.136371	50.0	603748.0	1.834273	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

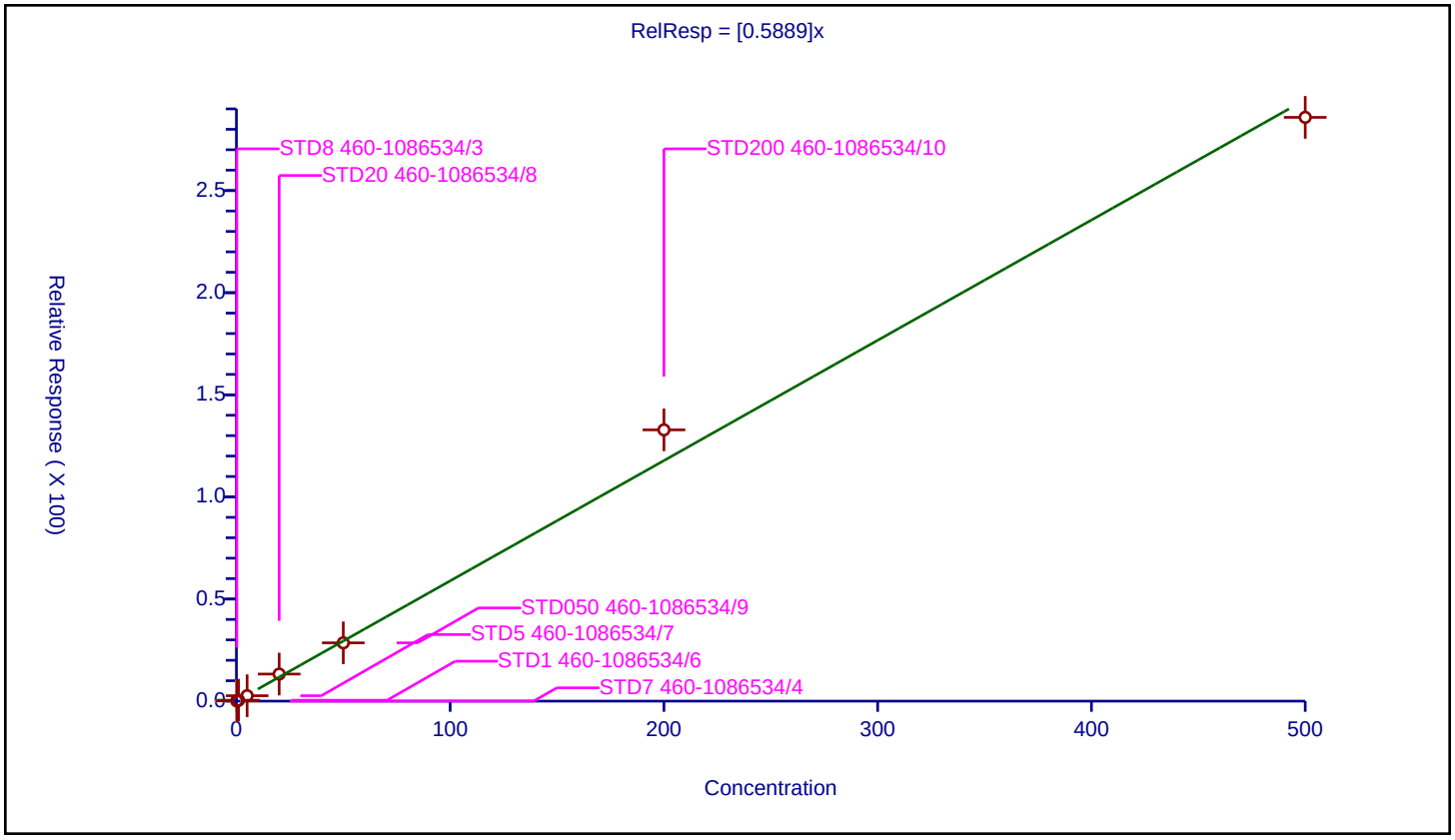
Curve Coefficients

Intercept:	0
Slope:	0.5889

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.133402	50.0	451268.0	0.667009	Y
3	STD1 460-1086534/6	1.0	0.455153	50.0	478960.0	0.455153	Y
4	STD5 460-1086534/7	5.0	2.655146	50.0	475567.0	0.531029	Y
5	STD20 460-1086534/8	20.0	13.25551	50.0	466142.0	0.662776	Y
6	STD050 460-1086534/9	50.0	28.538968	50.0	511823.0	0.570779	Y
7	STD200 460-1086534/10	200.0	132.839444	50.0	520933.0	0.664197	Y
8	STD500 460-1086534/11	500.0	285.853121	50.0	603748.0	0.571706	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

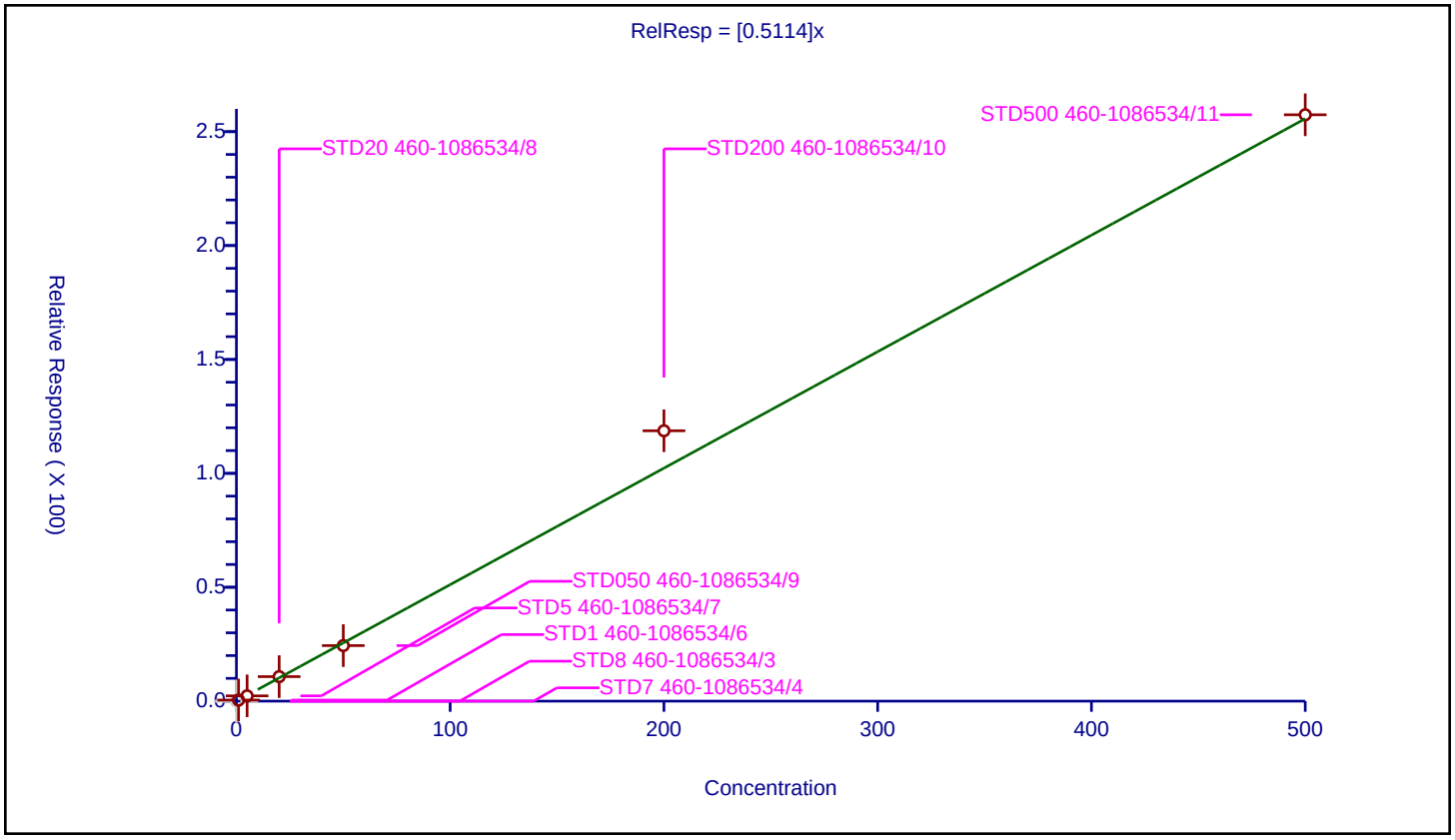
Curve Coefficients

Intercept:	0
Slope:	0.5114

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	0.46935	50.0	478960.0	0.46935	Y
4	STD5 460-1086534/7	5.0	2.324699	50.0	475567.0	0.46494	Y
5	STD20 460-1086534/8	20.0	10.757881	50.0	466142.0	0.537894	Y
6	STD050 460-1086534/9	50.0	24.387239	50.0	511823.0	0.487745	Y
7	STD200 460-1086534/10	200.0	118.699526	50.0	520933.0	0.593498	Y
8	STD500 460-1086534/11	500.0	257.420563	50.0	603748.0	0.514841	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

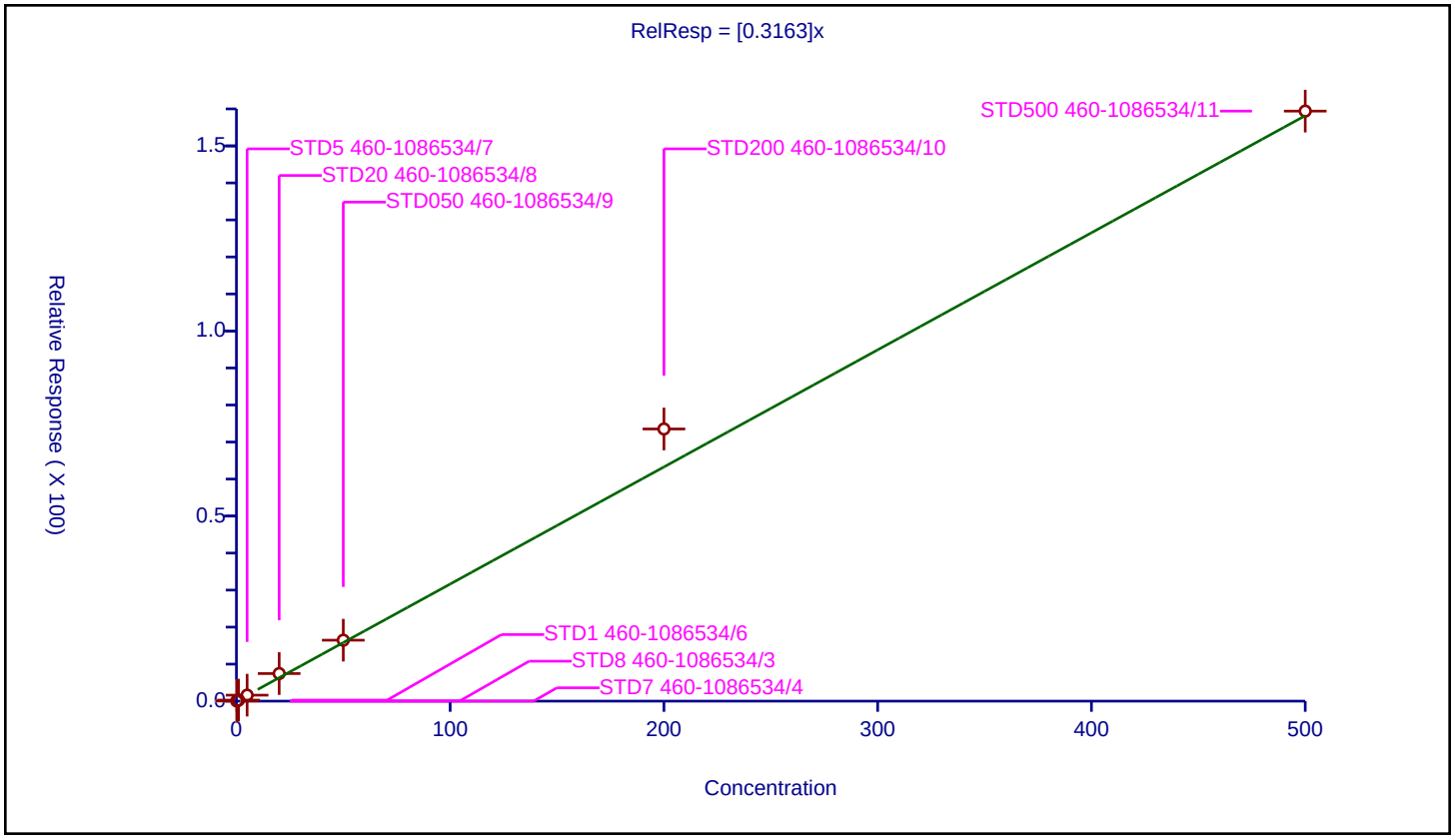
Curve Coefficients

Intercept:	0
Slope:	0.3163

Error Coefficients

Relative Standard Deviation:	16.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.045538	50.0	451268.0	0.227692	Y
3	STD1 460-1086534/6	1.0	0.274866	50.0	478960.0	0.274866	Y
4	STD5 460-1086534/7	5.0	1.617438	50.0	475567.0	0.323488	Y
5	STD20 460-1086534/8	20.0	7.450627	50.0	466142.0	0.372531	Y
6	STD050 460-1086534/9	50.0	16.466239	50.0	511823.0	0.329325	Y
7	STD200 460-1086534/10	200.0	73.528266	50.0	520933.0	0.367641	Y
8	STD500 460-1086534/11	500.0	159.404089	50.0	603748.0	0.318808	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

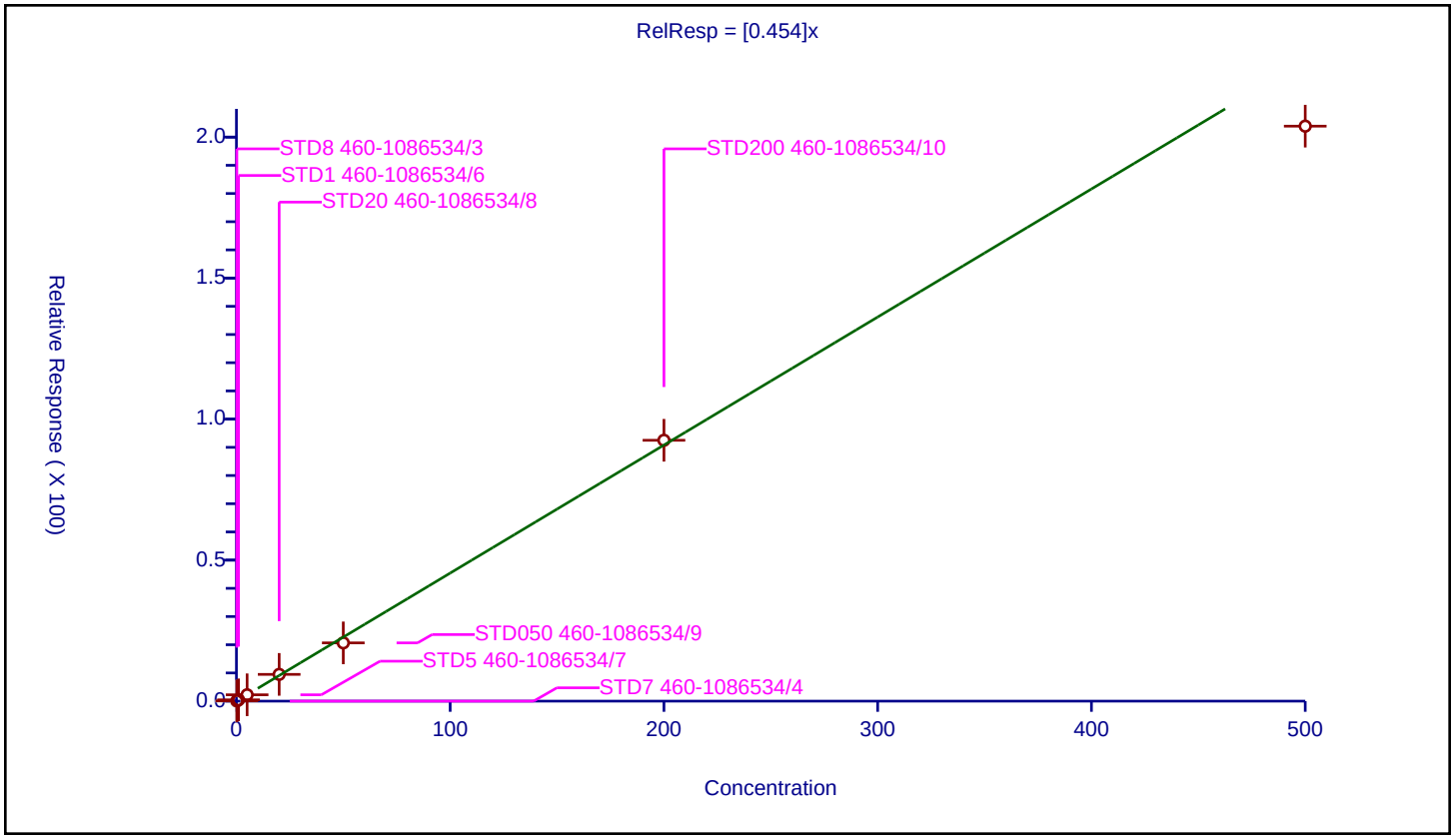
Curve Coefficients

Intercept:	0
Slope:	0.454

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.102711	50.0	451268.0	0.513553	Y
3	STD1 460-1086534/6	1.0	0.45651	50.0	478960.0	0.45651	Y
4	STD5 460-1086534/7	5.0	2.249525	50.0	475567.0	0.449905	Y
5	STD20 460-1086534/8	20.0	9.49067	50.0	466142.0	0.474534	Y
6	STD050 460-1086534/9	50.0	20.660756	50.0	511823.0	0.413215	Y
7	STD200 460-1086534/10	200.0	92.495964	50.0	520933.0	0.46248	Y
8	STD500 460-1086534/11	500.0	203.884568	50.0	603748.0	0.407769	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

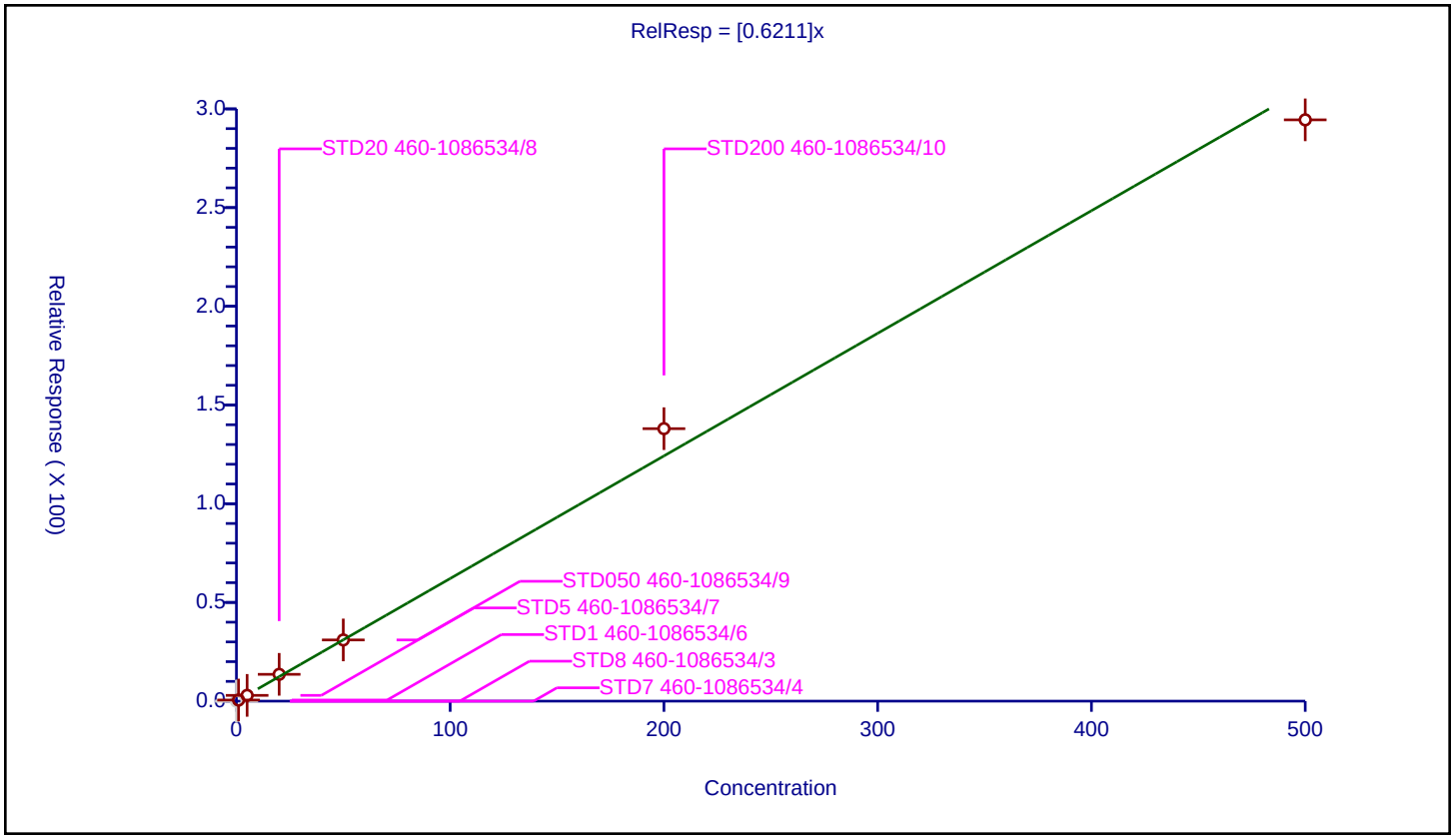
Curve Coefficients

Intercept:	0
Slope:	0.6211

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	0.56393	50.0	478960.0	0.56393	Y
4	STD5 460-1086534/7	5.0	2.920829	50.0	475567.0	0.584166	Y
5	STD20 460-1086534/8	20.0	13.584702	50.0	466142.0	0.679235	Y
6	STD050 460-1086534/9	50.0	31.000854	50.0	511823.0	0.620017	Y
7	STD200 460-1086534/10	200.0	138.018613	50.0	520933.0	0.690093	Y
8	STD500 460-1086534/11	500.0	294.451659	50.0	603748.0	0.588903	Y



Calibration / 2-Hexanone

Curve Type:	Linear
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

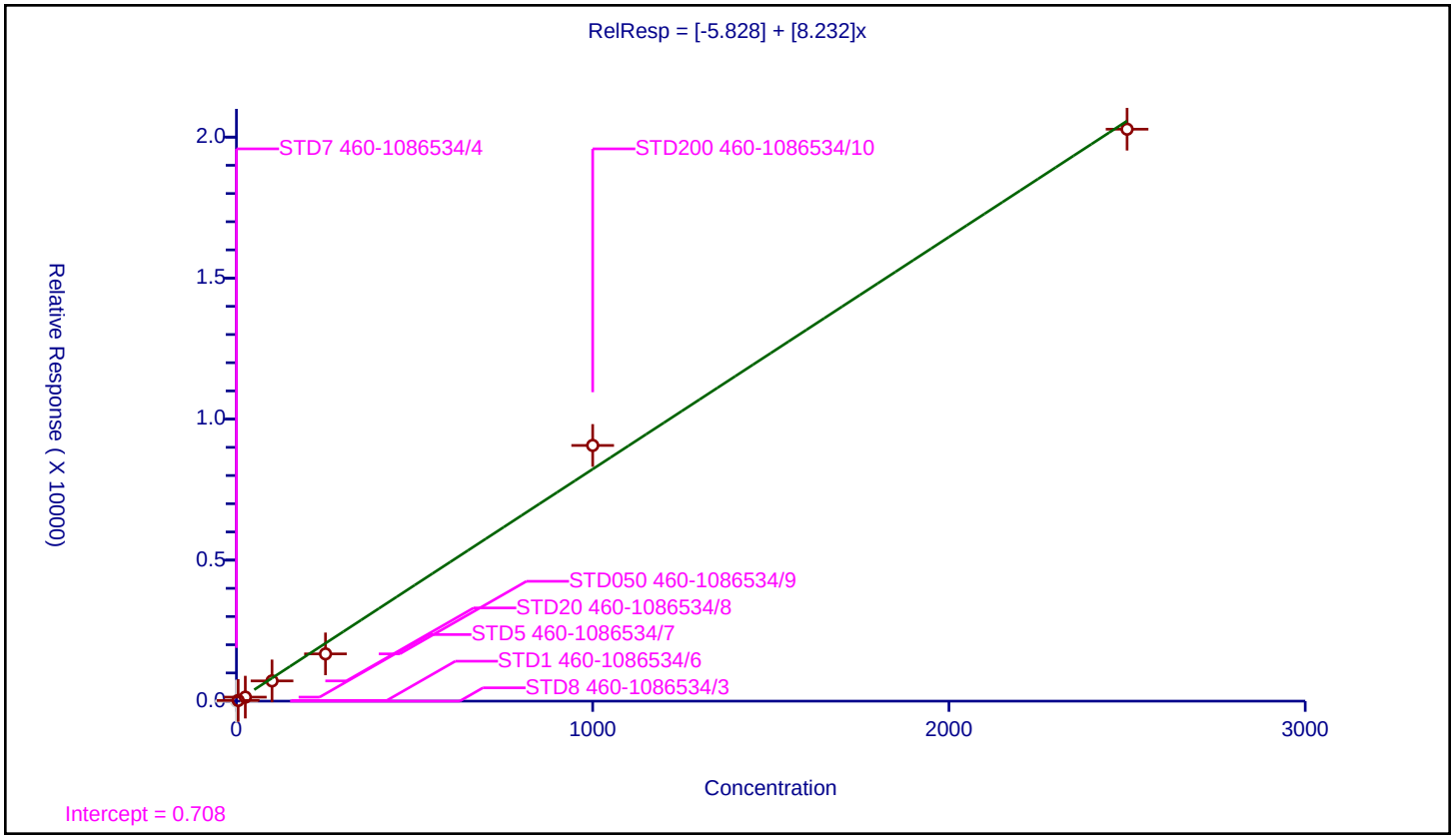
Curve Coefficients

Intercept:	-5.828
Slope:	8.232

Error Coefficients

Relative Standard Deviation:	23.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	1000.0	216188.0	NaN	N
2	STD8 460-1086534/3	1.0	0.0	1000.0	216946.0	0.0	N
3	STD1 460-1086534/6	5.0	23.613758	1000.0	235583.0	4.722752	Y
4	STD5 460-1086534/7	25.0	142.112803	1000.0	234532.0	5.684512	Y
5	STD20 460-1086534/8	100.0	716.994719	1000.0	220798.0	7.169947	Y
6	STD050 460-1086534/9	250.0	1675.471428	1000.0	251152.0	6.701886	Y
7	STD200 460-1086534/10	1000.0	9066.744541	1000.0	246552.0	9.066745	Y
8	STD500 460-1086534/11	2500.0	20280.156676	1000.0	282110.0	8.112063	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

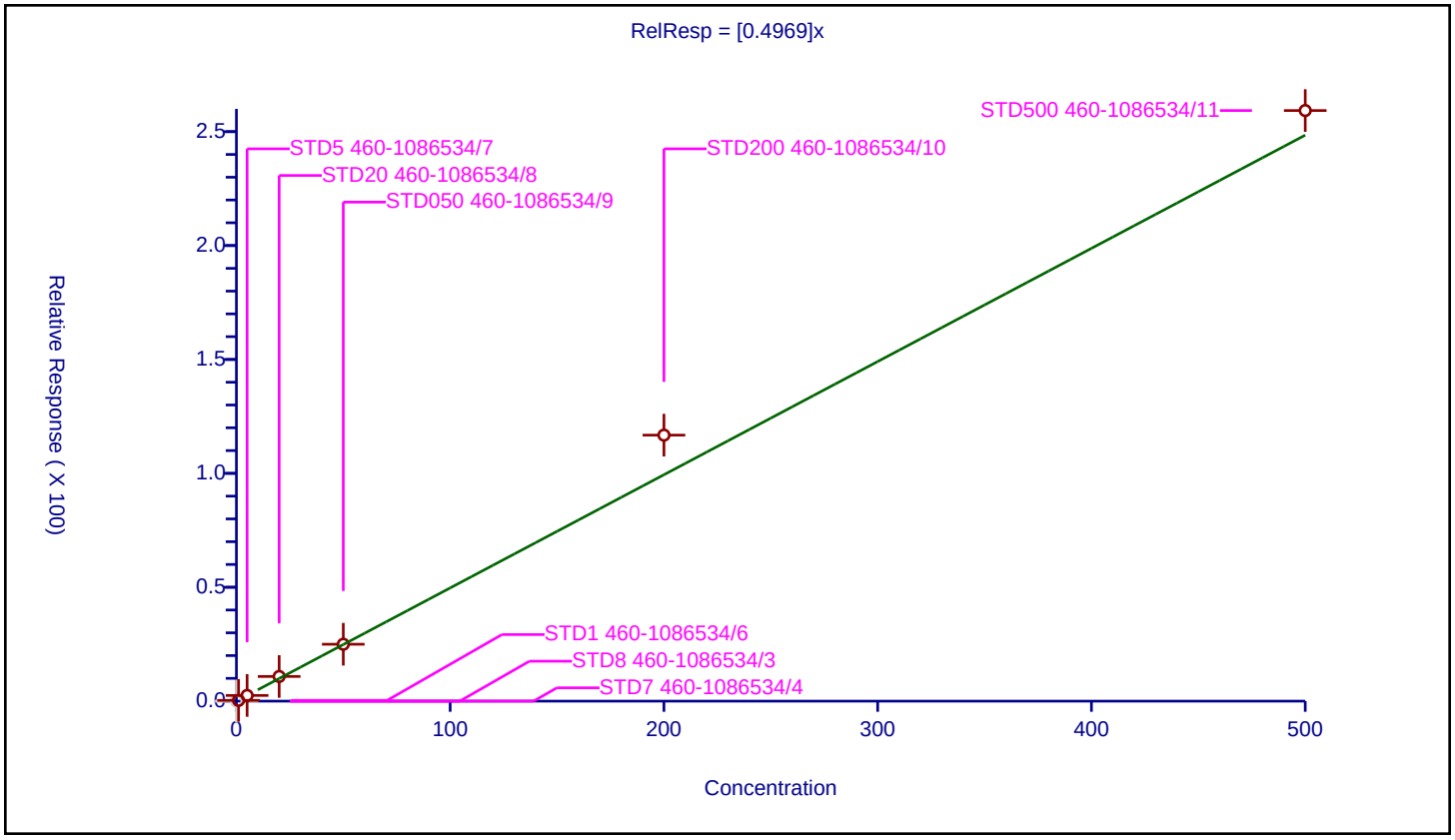
Curve Coefficients

Intercept:	0
Slope:	0.4969

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	0.338233	50.0	478960.0	0.338233	Y
4	STD5 460-1086534/7	5.0	2.498281	50.0	475567.0	0.499656	Y
5	STD20 460-1086534/8	20.0	10.835432	50.0	466142.0	0.541772	Y
6	STD050 460-1086534/9	50.0	24.97631	50.0	511823.0	0.499526	Y
7	STD200 460-1086534/10	200.0	116.779701	50.0	520933.0	0.583899	Y
8	STD500 460-1086534/11	500.0	259.270093	50.0	603748.0	0.51854	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

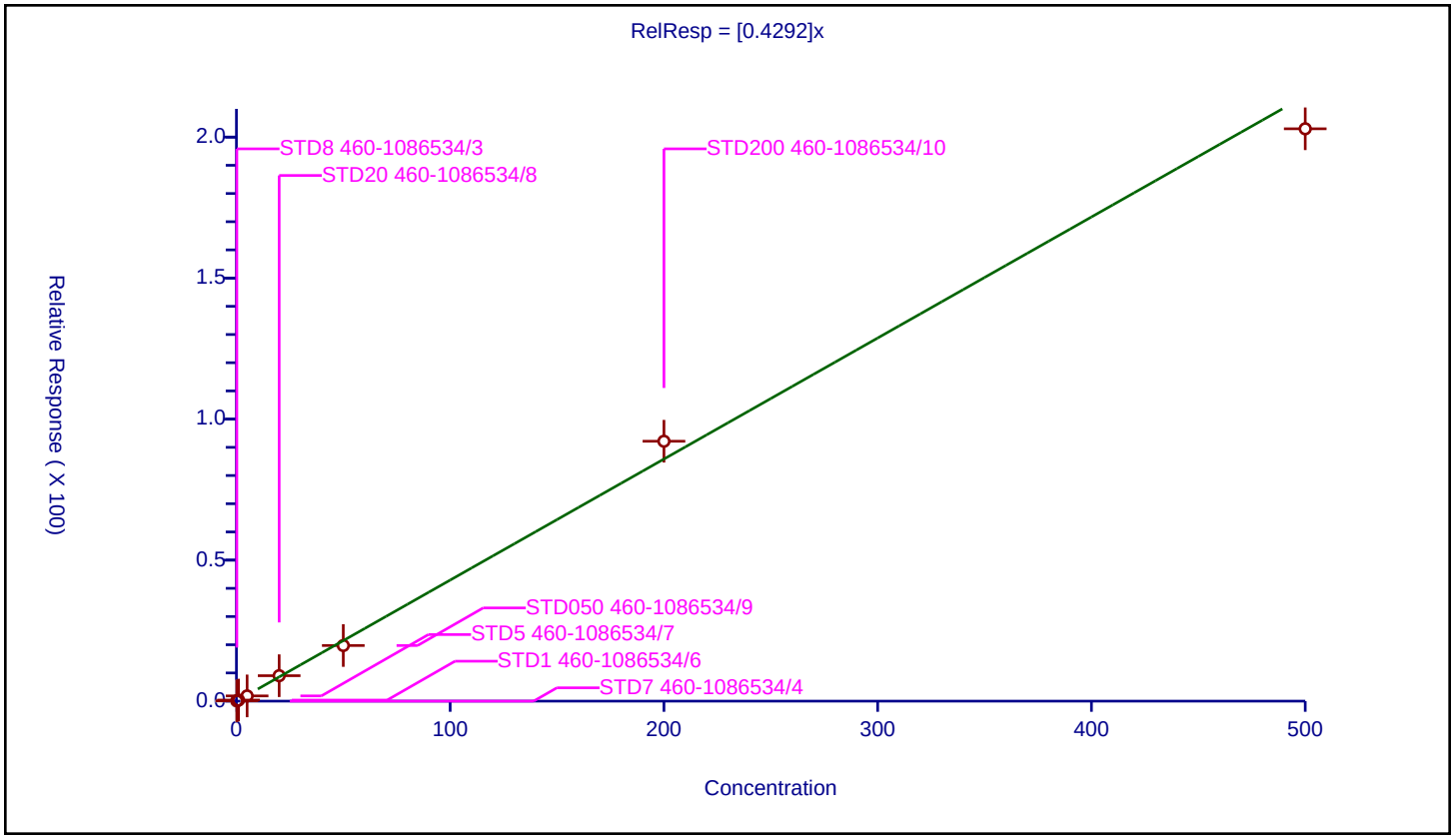
Curve Coefficients

Intercept:	0
Slope:	0.4292

Error Coefficients

Relative Standard Deviation:	15.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.110245	50.0	451268.0	0.551225	Y
3	STD1 460-1086534/6	1.0	0.369759	50.0	478960.0	0.369759	Y
4	STD5 460-1086534/7	5.0	1.854418	50.0	475567.0	0.370884	Y
5	STD20 460-1086534/8	20.0	9.027185	50.0	466142.0	0.451359	Y
6	STD050 460-1086534/9	50.0	19.720489	50.0	511823.0	0.39441	Y
7	STD200 460-1086534/10	200.0	92.156477	50.0	520933.0	0.460782	Y
8	STD500 460-1086534/11	500.0	202.945103	50.0	603748.0	0.40589	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

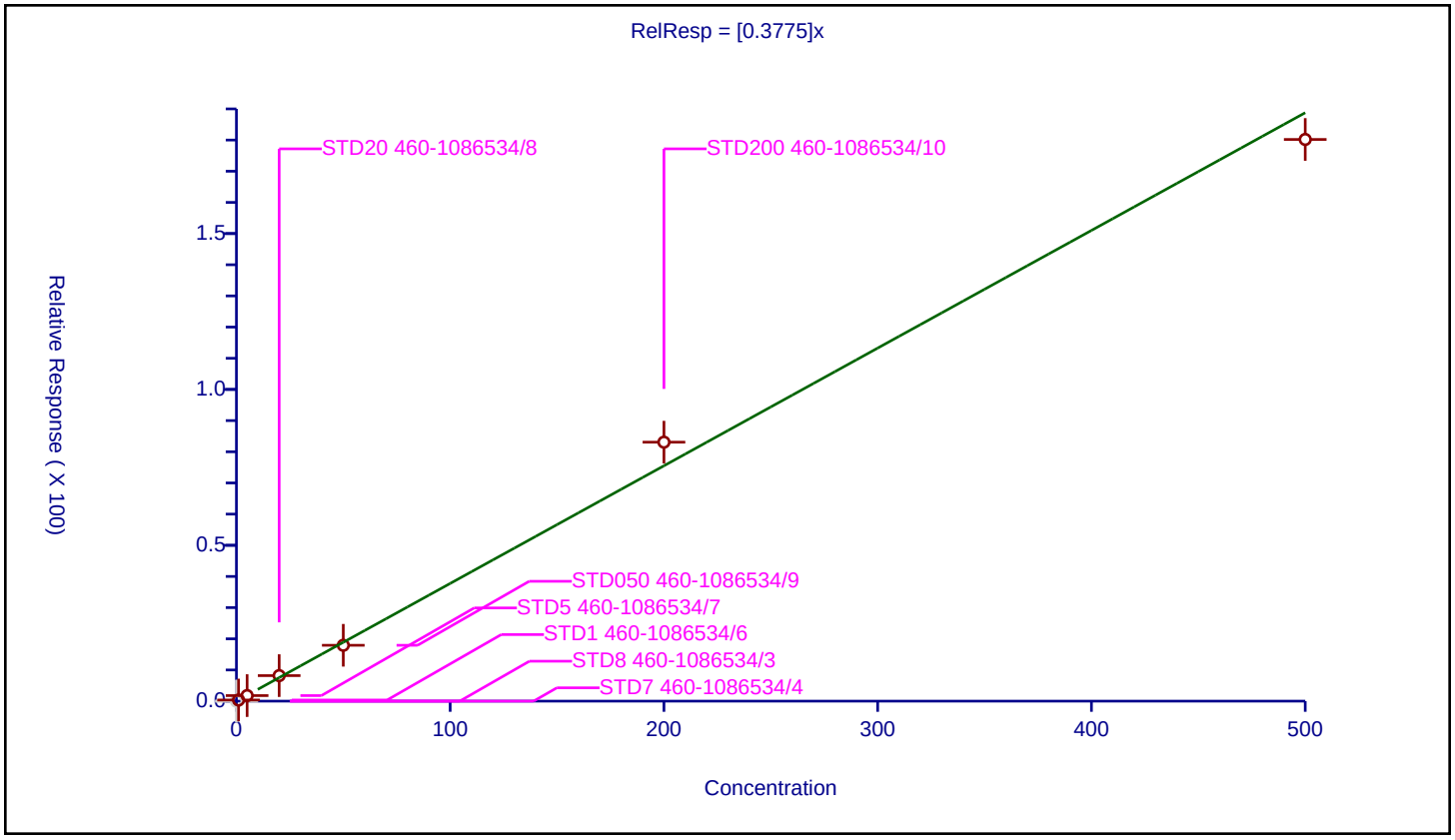
Curve Coefficients

Intercept:	0
Slope:	0.3775

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	0.364435	50.0	478960.0	0.364435	Y
4	STD5 460-1086534/7	5.0	1.785658	50.0	475567.0	0.357132	Y
5	STD20 460-1086534/8	20.0	8.189243	50.0	466142.0	0.409462	Y
6	STD050 460-1086534/9	50.0	17.91889	50.0	511823.0	0.358378	Y
7	STD200 460-1086534/10	200.0	83.081989	50.0	520933.0	0.41541	Y
8	STD500 460-1086534/11	500.0	180.191984	50.0	603748.0	0.360384	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

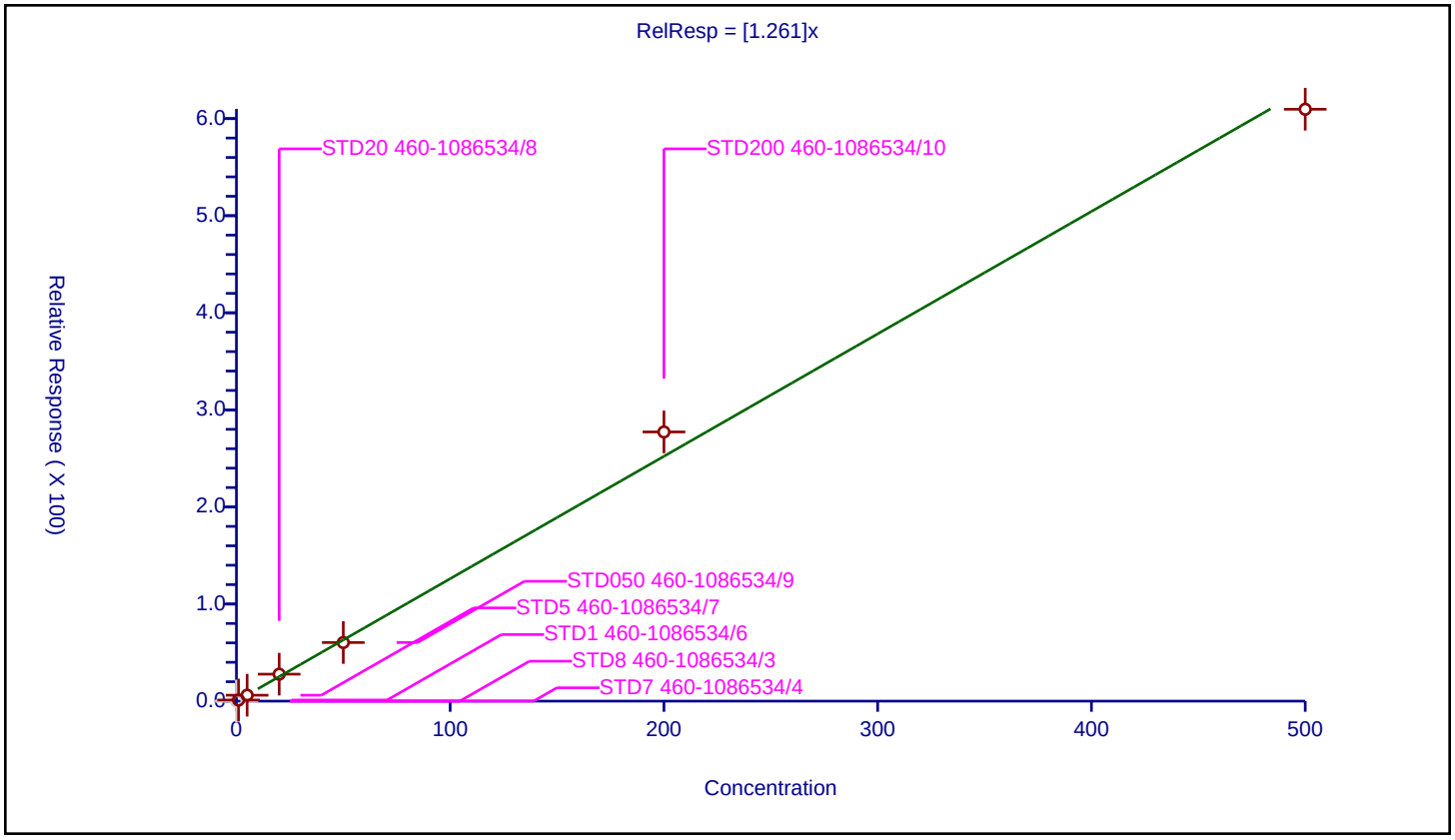
Curve Coefficients

Intercept:	0
Slope:	1.261

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	1.142475	50.0	478960.0	1.142475	Y
4	STD5 460-1086534/7	5.0	6.108708	50.0	475567.0	1.221742	Y
5	STD20 460-1086534/8	20.0	27.767397	50.0	466142.0	1.38837	Y
6	STD050 460-1086534/9	50.0	60.369503	50.0	511823.0	1.20739	Y
7	STD200 460-1086534/10	200.0	277.258784	50.0	520933.0	1.386294	Y
8	STD500 460-1086534/11	500.0	609.632661	50.0	603748.0	1.219265	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

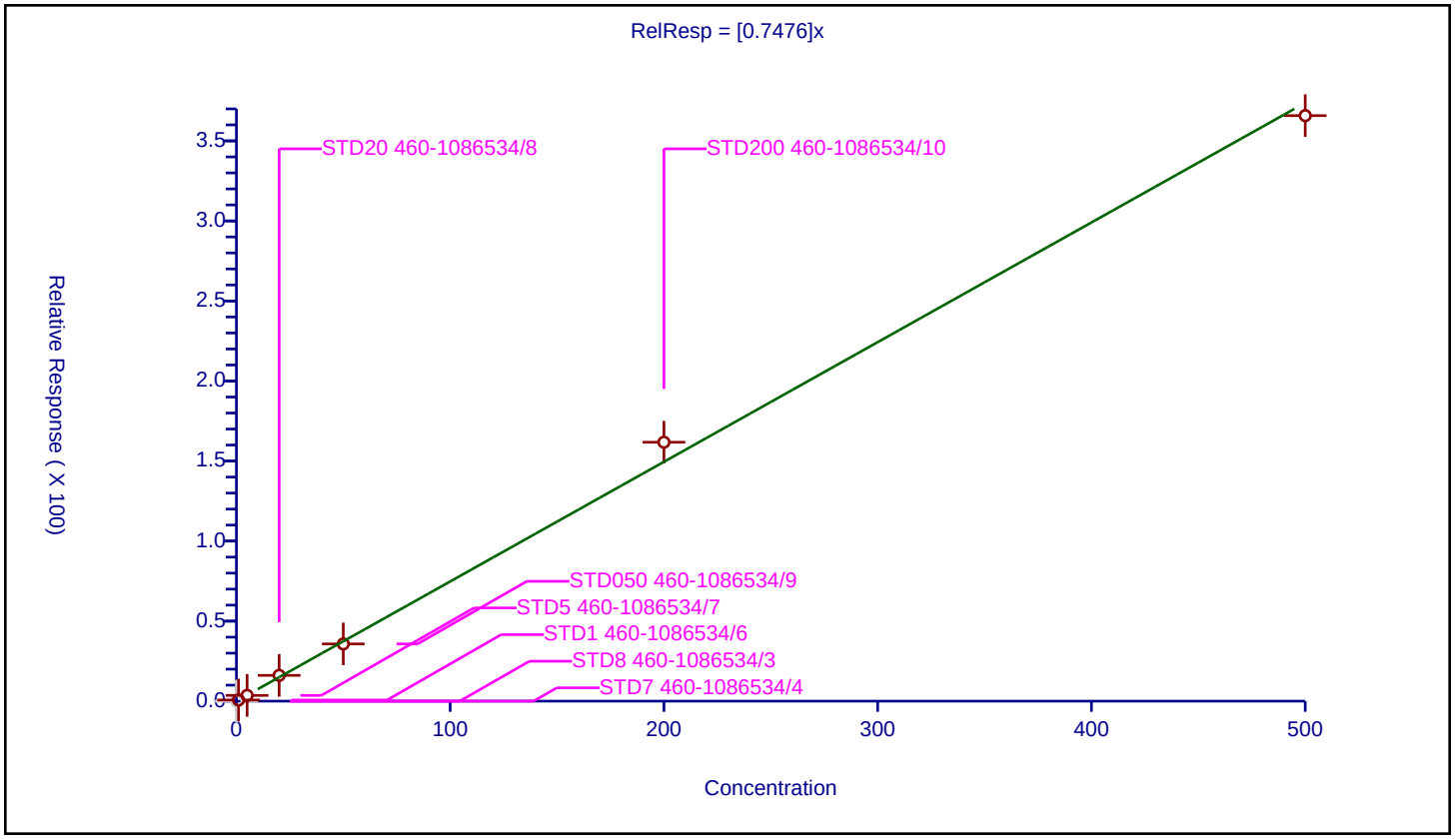
Curve Coefficients

Intercept:	0
Slope:	0.7476

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	0.707575	50.0	478960.0	0.707575	Y
4	STD5 460-1086534/7	5.0	3.589294	50.0	475567.0	0.717859	Y
5	STD20 460-1086534/8	20.0	16.096919	50.0	466142.0	0.804846	Y
6	STD050 460-1086534/9	50.0	35.743021	50.0	511823.0	0.71486	Y
7	STD200 460-1086534/10	200.0	161.762837	50.0	520933.0	0.808814	Y
8	STD500 460-1086534/11	500.0	365.784317	50.0	603748.0	0.731569	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

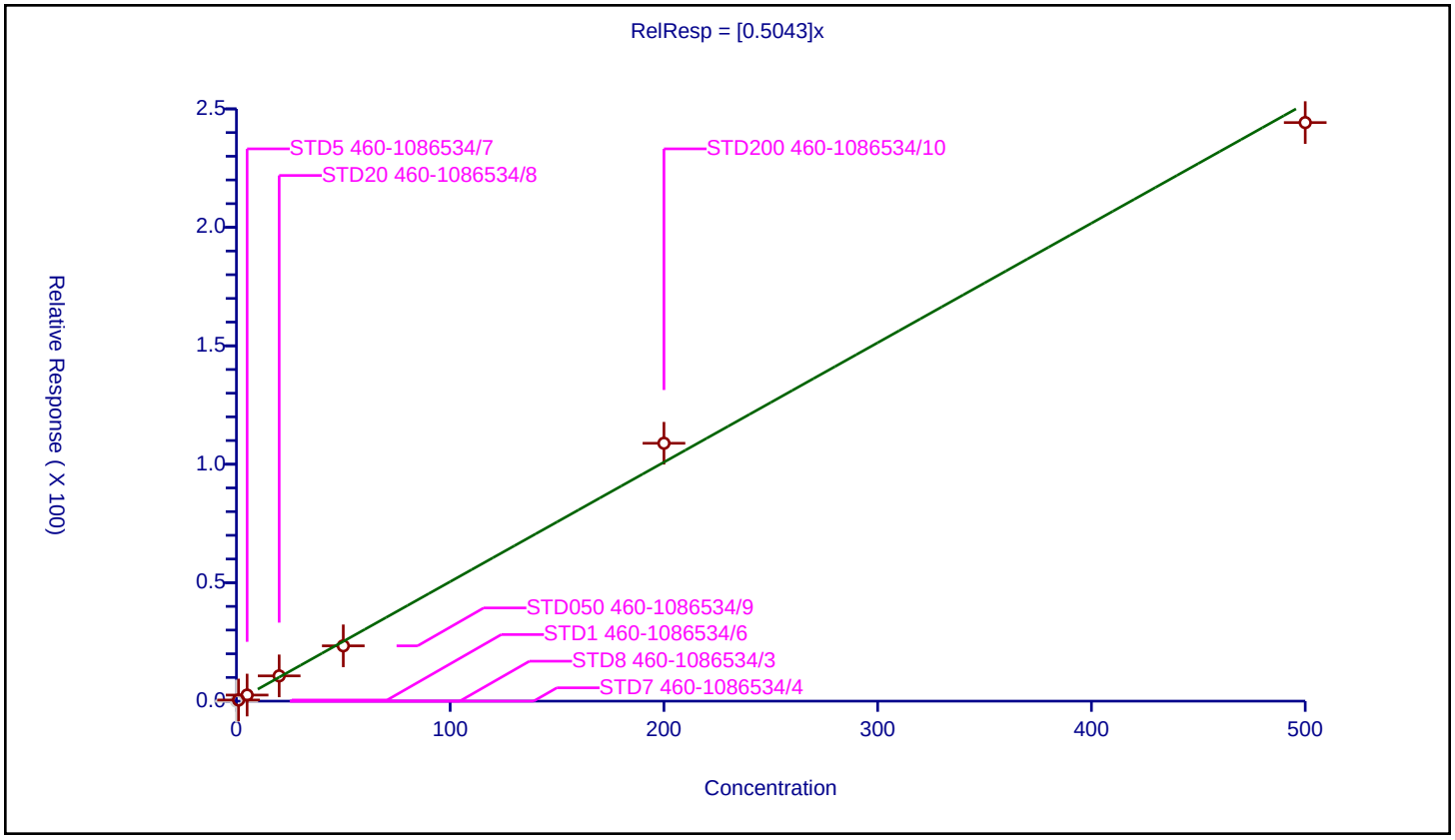
Curve Coefficients

Intercept:	0
Slope:	0.5043

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	0.47885	50.0	478960.0	0.47885	Y
4	STD5 460-1086534/7	5.0	2.572508	50.0	475567.0	0.514502	Y
5	STD20 460-1086534/8	20.0	10.660271	50.0	466142.0	0.533014	Y
6	STD050 460-1086534/9	50.0	23.347818	50.0	511823.0	0.466956	Y
7	STD200 460-1086534/10	200.0	108.86208	50.0	520933.0	0.54431	Y
8	STD500 460-1086534/11	500.0	244.218946	50.0	603748.0	0.488438	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

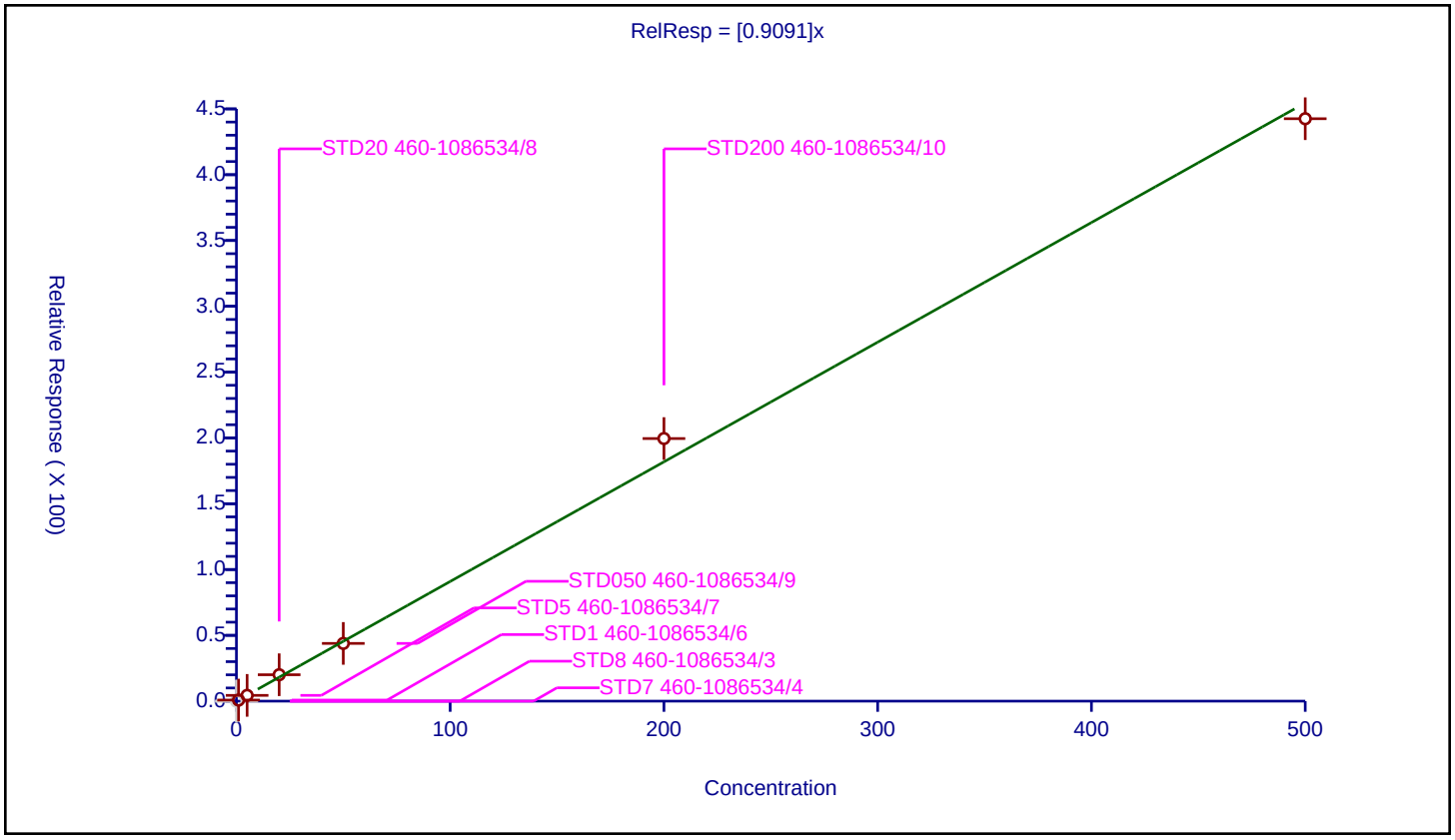
Curve Coefficients

Intercept:	0
Slope:	0.9091

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	0.815726	50.0	478960.0	0.815726	Y
4	STD5 460-1086534/7	5.0	4.380981	50.0	475567.0	0.876196	Y
5	STD20 460-1086534/8	20.0	20.055262	50.0	466142.0	1.002763	Y
6	STD050 460-1086534/9	50.0	43.87298	50.0	511823.0	0.87746	Y
7	STD200 460-1086534/10	200.0	199.528442	50.0	520933.0	0.997642	Y
8	STD500 460-1086534/11	500.0	442.523453	50.0	603748.0	0.885047	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

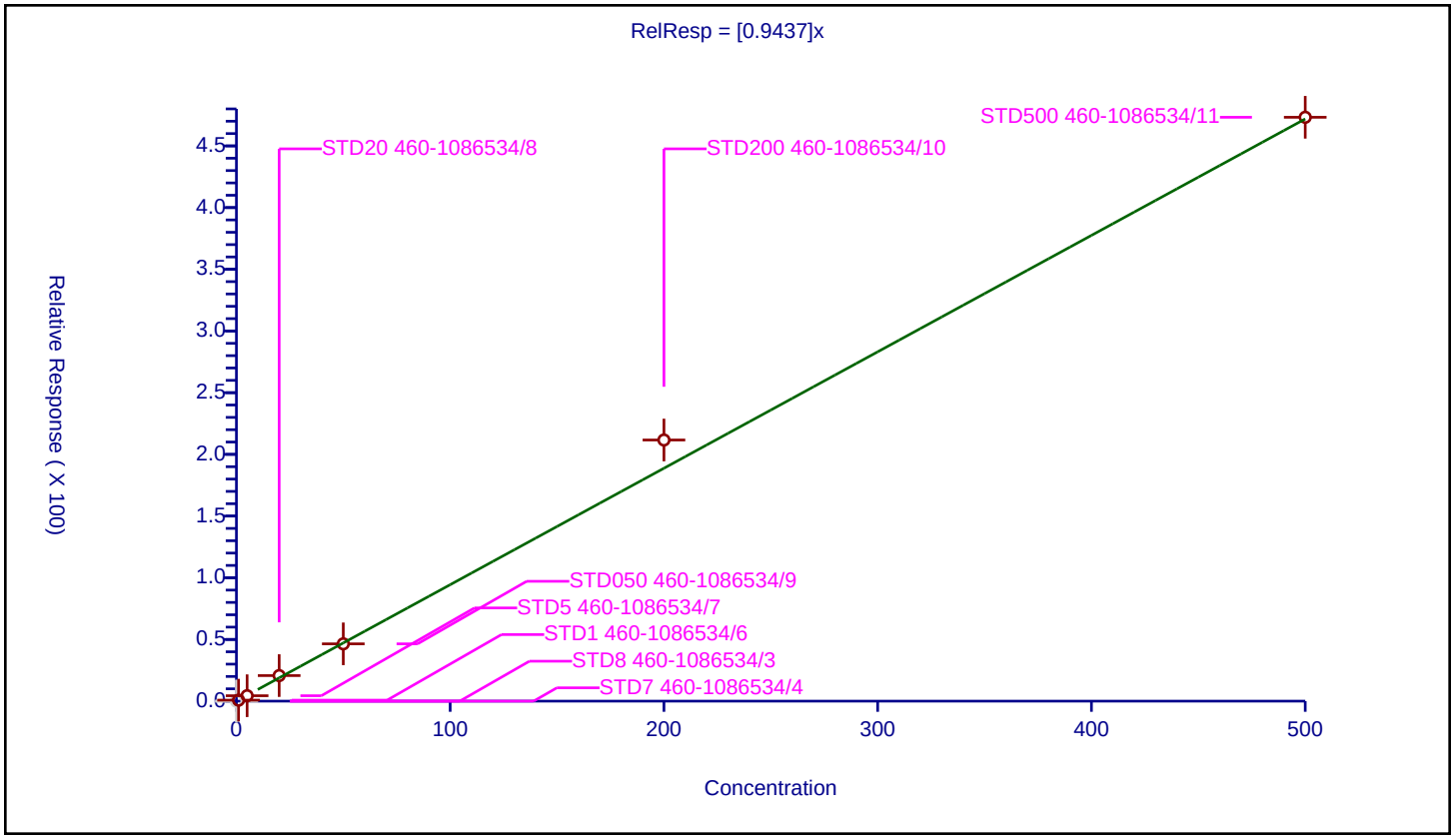
Curve Coefficients

Intercept:	0
Slope:	0.9437

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	0.814264	50.0	478960.0	0.814264	Y
4	STD5 460-1086534/7	5.0	4.396752	50.0	475567.0	0.87935	Y
5	STD20 460-1086534/8	20.0	20.702597	50.0	466142.0	1.03513	Y
6	STD050 460-1086534/9	50.0	46.450922	50.0	511823.0	0.929018	Y
7	STD200 460-1086534/10	200.0	211.642188	50.0	520933.0	1.058211	Y
8	STD500 460-1086534/11	500.0	473.193534	50.0	603748.0	0.946387	Y



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Calibration / n-Butyl acrylate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

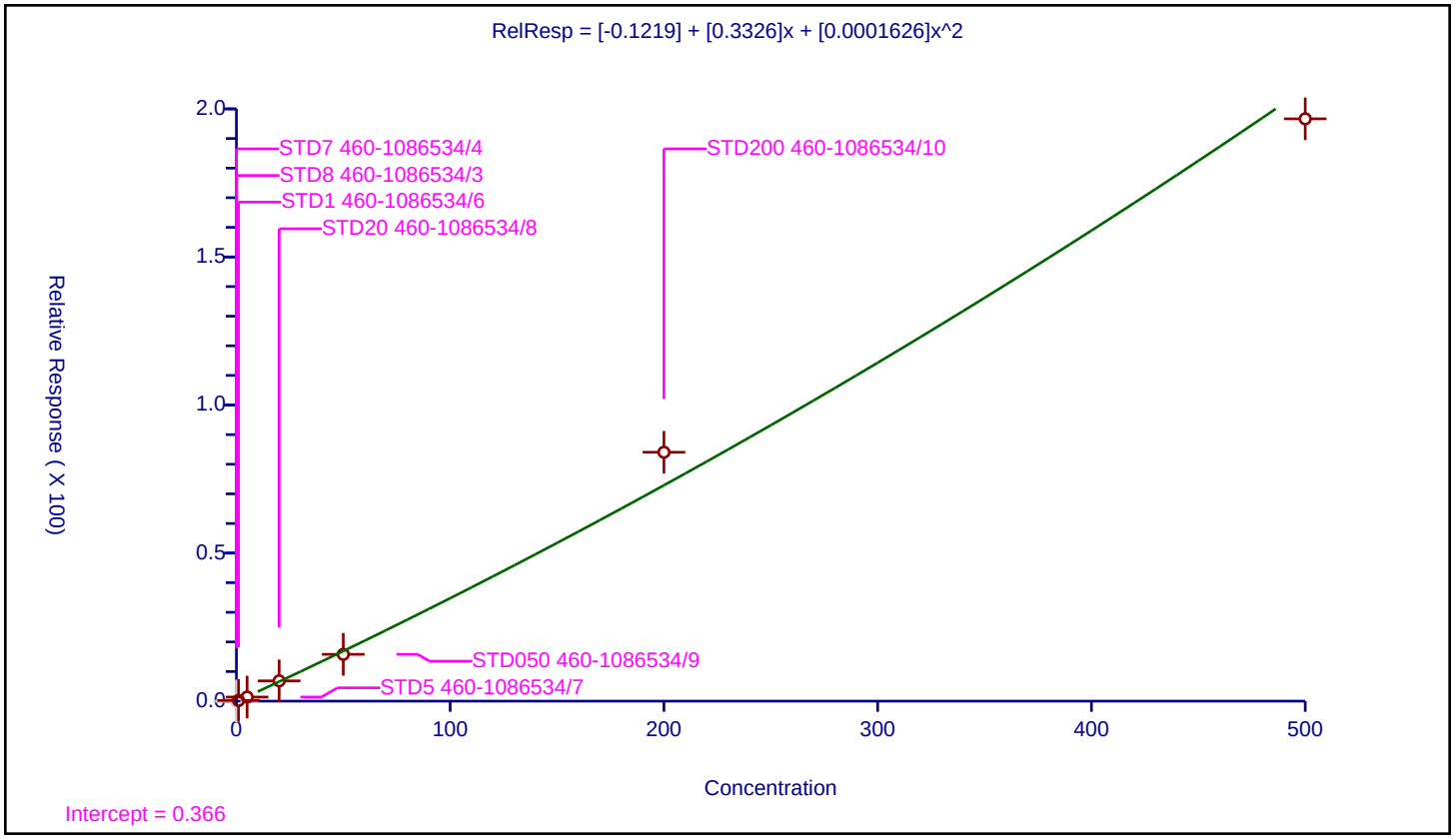
Curve Coefficients

Intercept:	-0.1219
Slope:	0.3326
Second Order:	0.0001626

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	0.216824	50.0	478960.0	0.216824	Y
4	STD5 460-1086534/7	5.0	1.384137	50.0	475567.0	0.276827	Y
5	STD20 460-1086534/8	20.0	6.848986	50.0	466142.0	0.342449	Y
6	STD050 460-1086534/9	50.0	15.808883	50.0	511823.0	0.316178	Y
7	STD200 460-1086534/10	200.0	84.053516	50.0	520933.0	0.420268	Y
8	STD500 460-1086534/11	500.0	196.6462	50.0	603748.0	0.393292	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

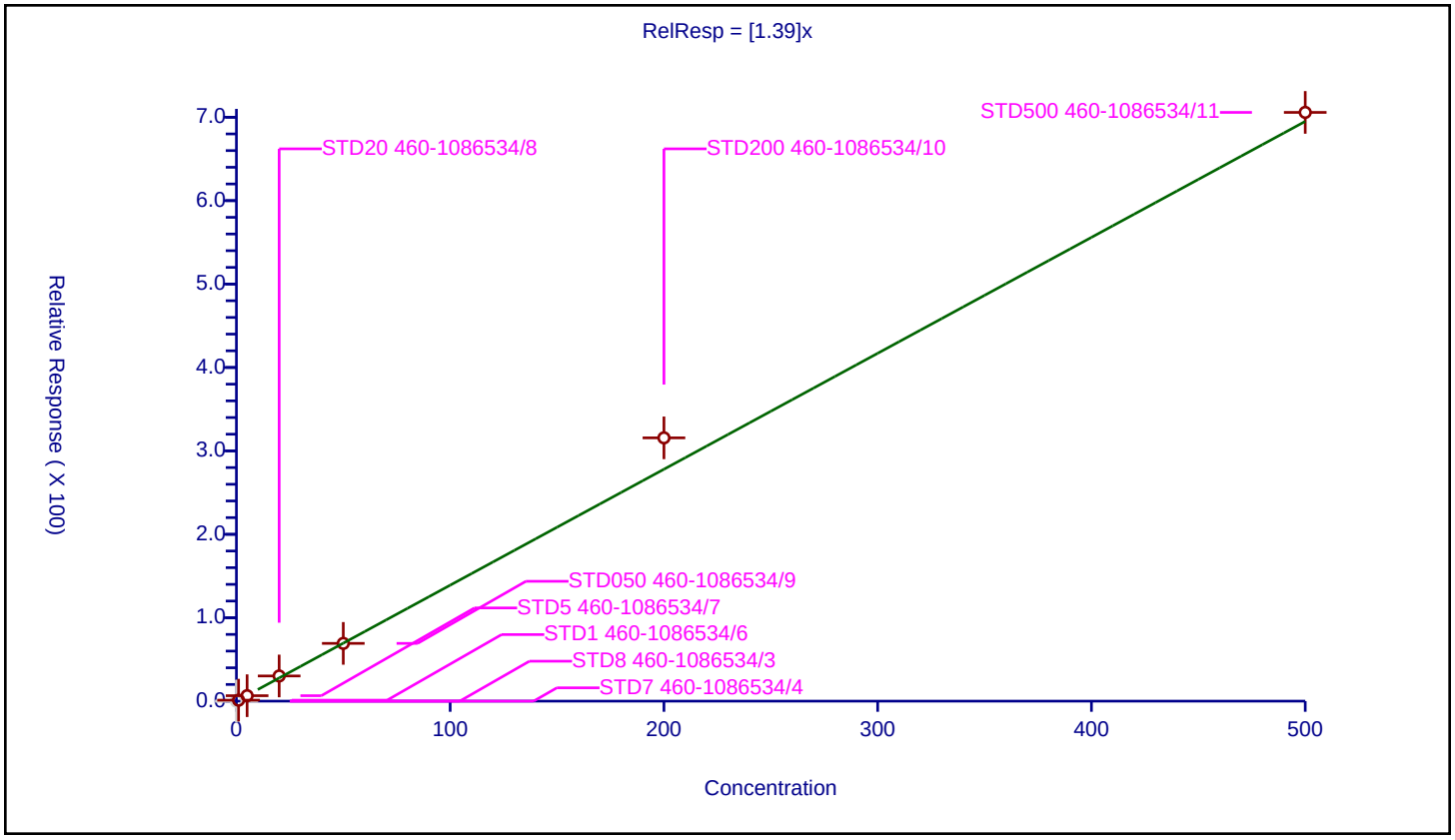
Curve Coefficients

Intercept:	0
Slope:	1.39

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	1.152706	50.0	478960.0	1.152706	Y
4	STD5 460-1086534/7	5.0	6.513909	50.0	475567.0	1.302782	Y
5	STD20 460-1086534/8	20.0	30.19981	50.0	466142.0	1.509991	Y
6	STD050 460-1086534/9	50.0	69.230965	50.0	511823.0	1.384619	Y
7	STD200 460-1086534/10	200.0	315.628113	50.0	520933.0	1.578141	Y
8	STD500 460-1086534/11	500.0	705.788094	50.0	603748.0	1.411576	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

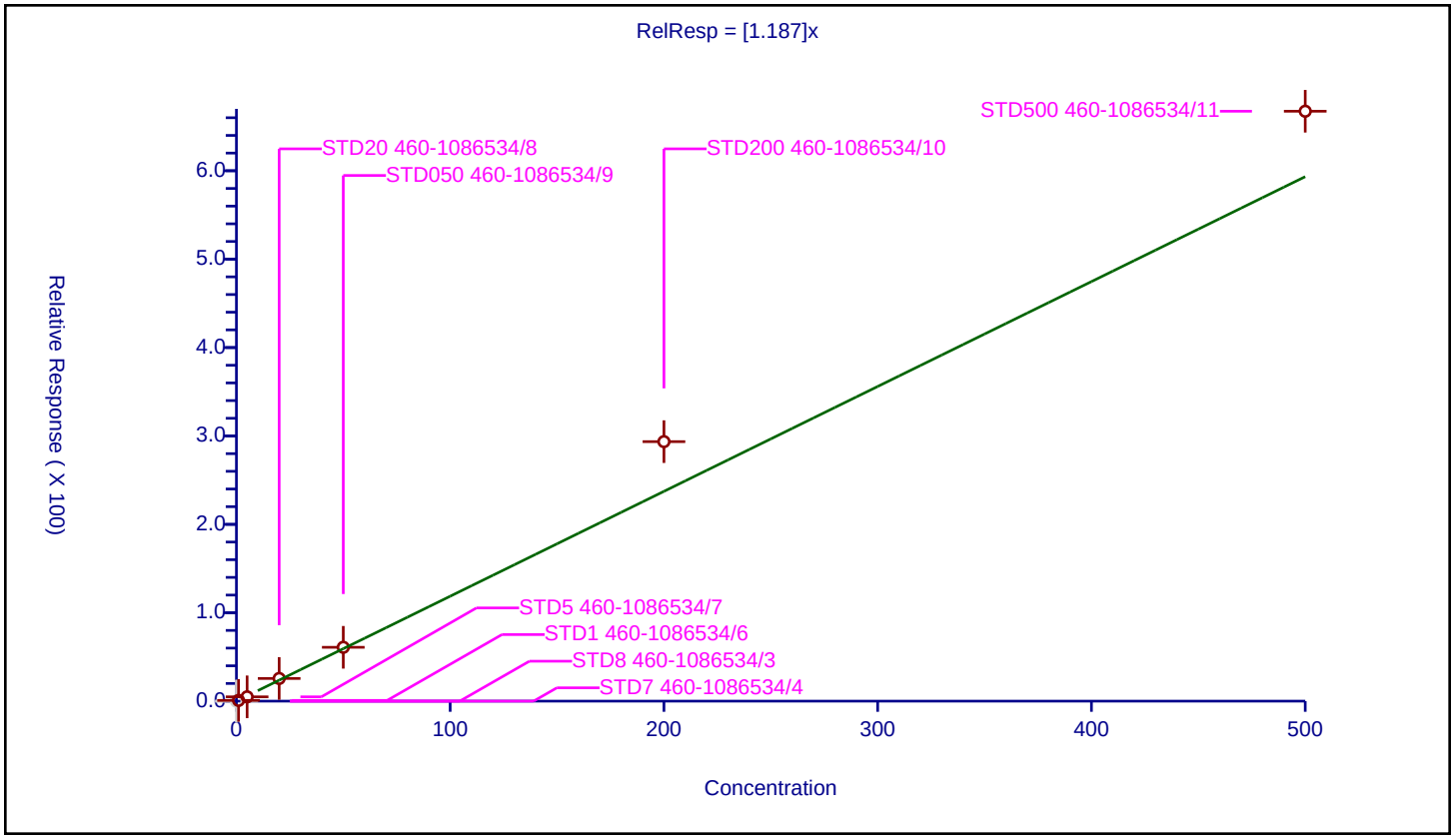
Curve Coefficients

Intercept:	0
Slope:	1.187

Error Coefficients

Relative Standard Deviation:	19.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	0.84176	50.0	262070.0	0.84176	Y
4	STD5 460-1086534/7	5.0	4.876647	50.0	263593.0	0.975329	Y
5	STD20 460-1086534/8	20.0	25.641197	50.0	246297.0	1.28206	Y
6	STD050 460-1086534/9	50.0	60.897177	50.0	277292.0	1.217944	Y
7	STD200 460-1086534/10	200.0	293.574985	50.0	294404.0	1.467875	Y
8	STD500 460-1086534/11	500.0	667.345203	50.0	346162.0	1.33469	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

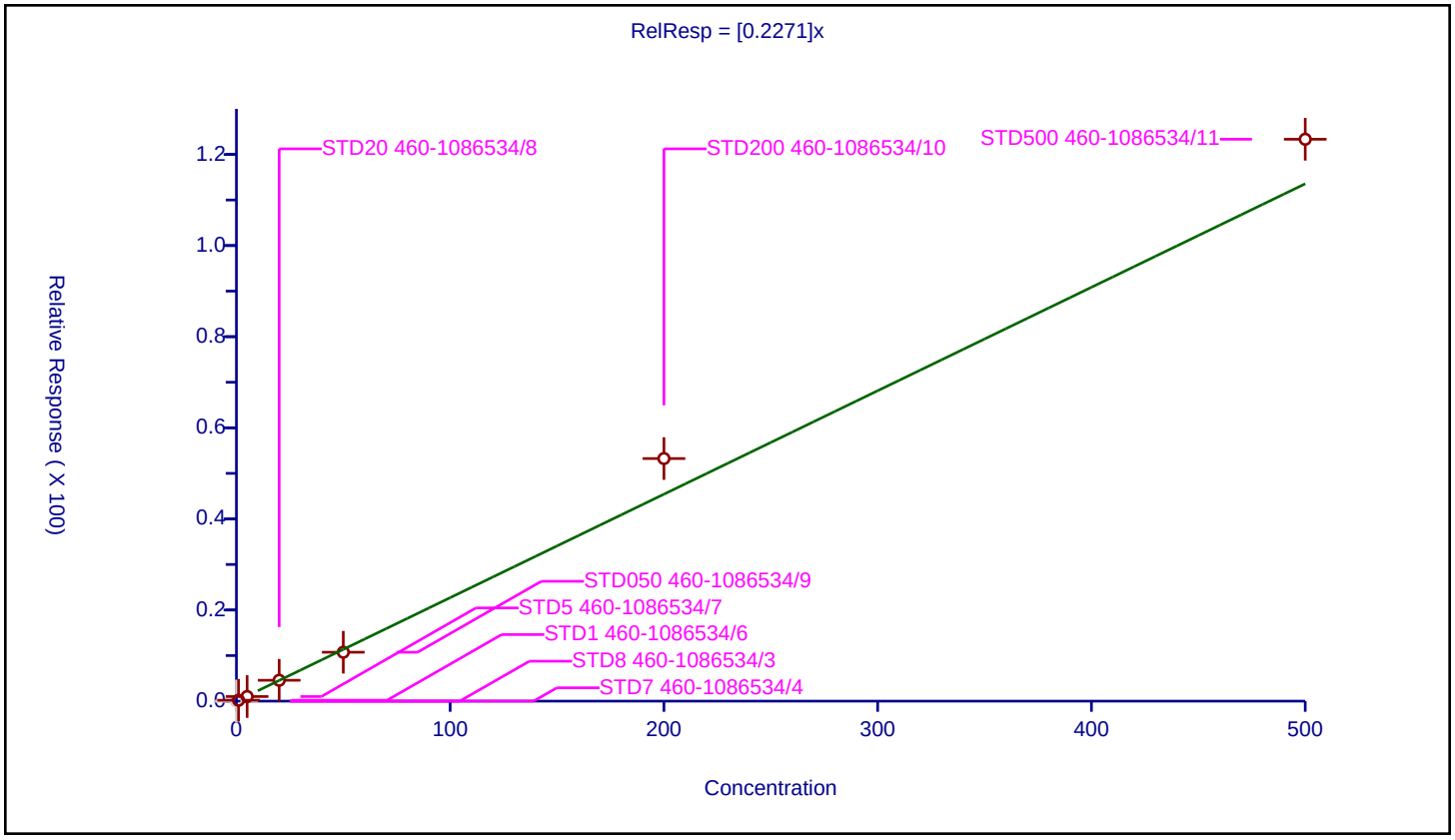
Curve Coefficients

Intercept:	0
Slope:	0.2271

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	0.204088	50.0	478960.0	0.204088	Y
4	STD5 460-1086534/7	5.0	1.010478	50.0	475567.0	0.202096	Y
5	STD20 460-1086534/8	20.0	4.578219	50.0	466142.0	0.228911	Y
6	STD050 460-1086534/9	50.0	10.734277	50.0	511823.0	0.214686	Y
7	STD200 460-1086534/10	200.0	53.251186	50.0	520933.0	0.266256	Y
8	STD500 460-1086534/11	500.0	123.3325	50.0	603748.0	0.246665	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

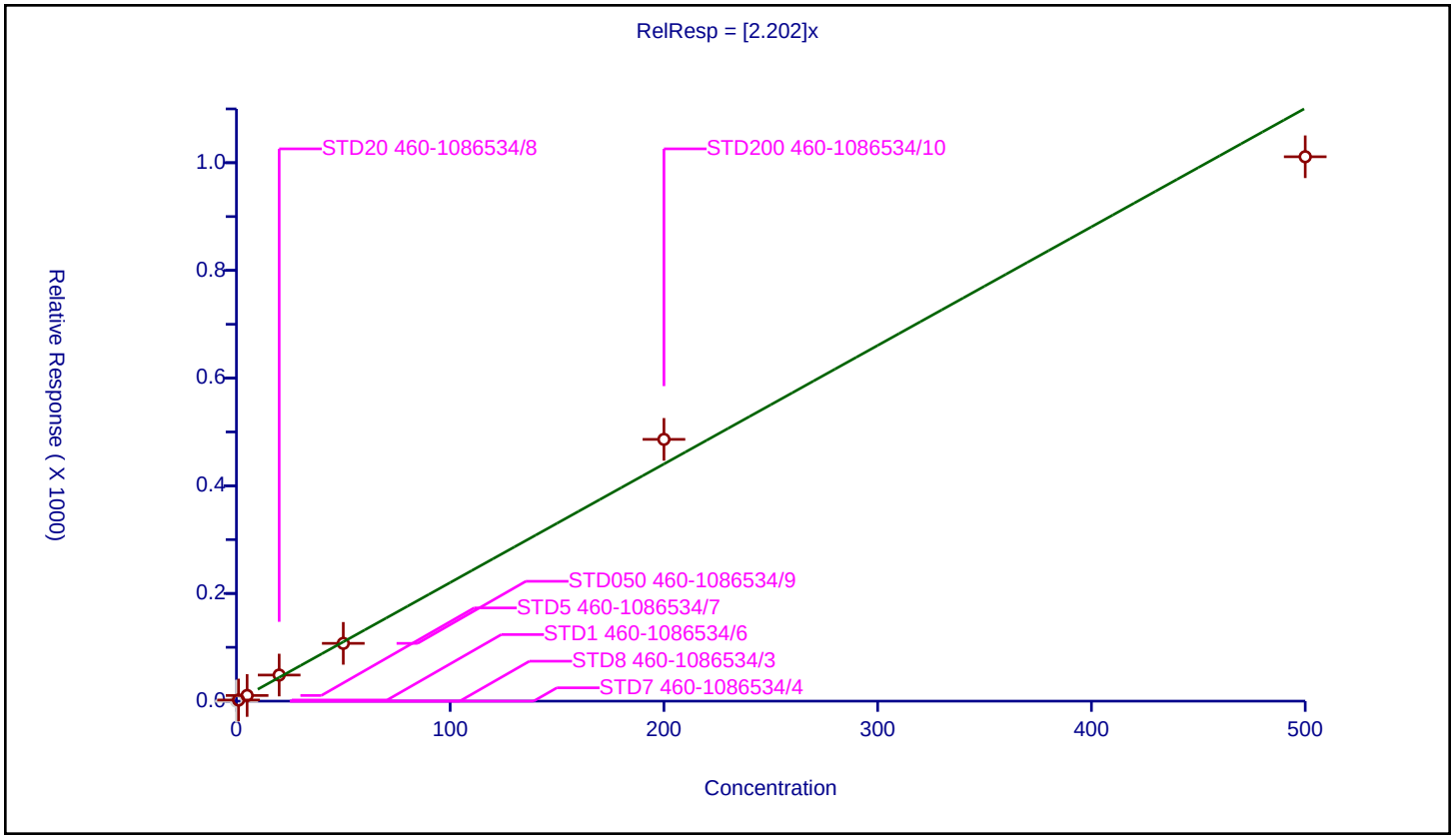
Curve Coefficients

Intercept:	0
Slope:	2.202

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	462395.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	451268.0	0.0	N
3	STD1 460-1086534/6	1.0	2.093077	50.0	478960.0	2.093077	Y
4	STD5 460-1086534/7	5.0	10.493159	50.0	475567.0	2.098632	Y
5	STD20 460-1086534/8	20.0	48.448649	50.0	466142.0	2.422432	Y
6	STD050 460-1086534/9	50.0	107.31708	50.0	511823.0	2.146342	Y
7	STD200 460-1086534/10	200.0	486.196018	50.0	520933.0	2.43098	Y
8	STD500 460-1086534/11	500.0	1011.115399	50.0	603748.0	2.022231	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

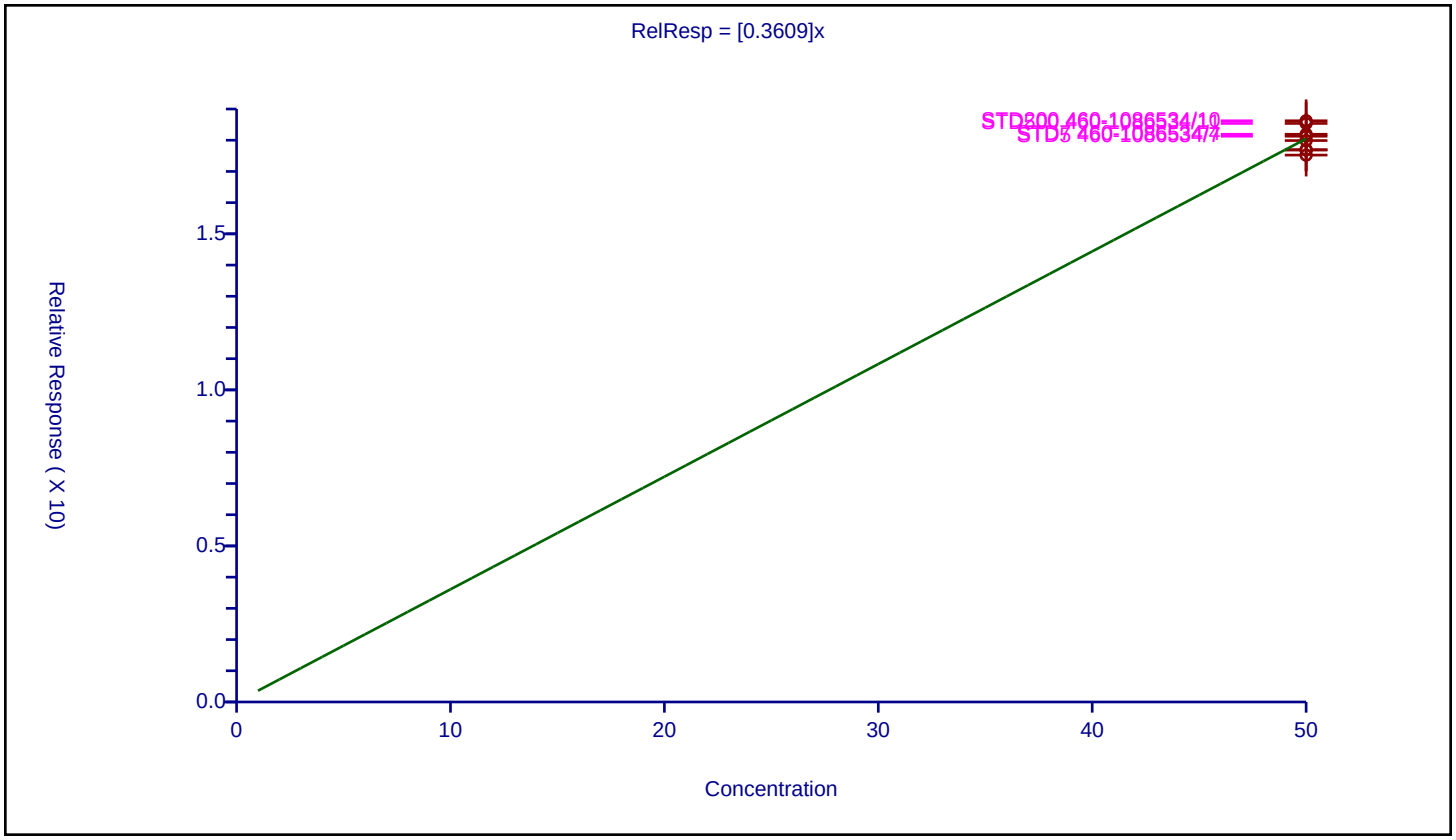
Curve Coefficients

Intercept:	0
Slope:	0.3609

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1086534/3	50.0	17.523179	50.0	451268.0	0.350464	Y
2	STD7 460-1086534/4	50.0	18.190941	50.0	462395.0	0.363819	Y
3	STD1 460-1086534/6	50.0	17.684253	50.0	478960.0	0.353685	Y
4	STD5 460-1086534/7	50.0	18.128255	50.0	475567.0	0.362565	Y
5	STD20 460-1086534/8	50.0	17.989475	50.0	466142.0	0.35979	Y
6	STD050 460-1086534/9	50.0	17.69772	50.0	511823.0	0.353954	Y
7	STD200 460-1086534/10	50.0	18.623124	50.0	520933.0	0.372462	Y
8	STD500 460-1086534/11	50.0	18.537453	50.0	603748.0	0.370749	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

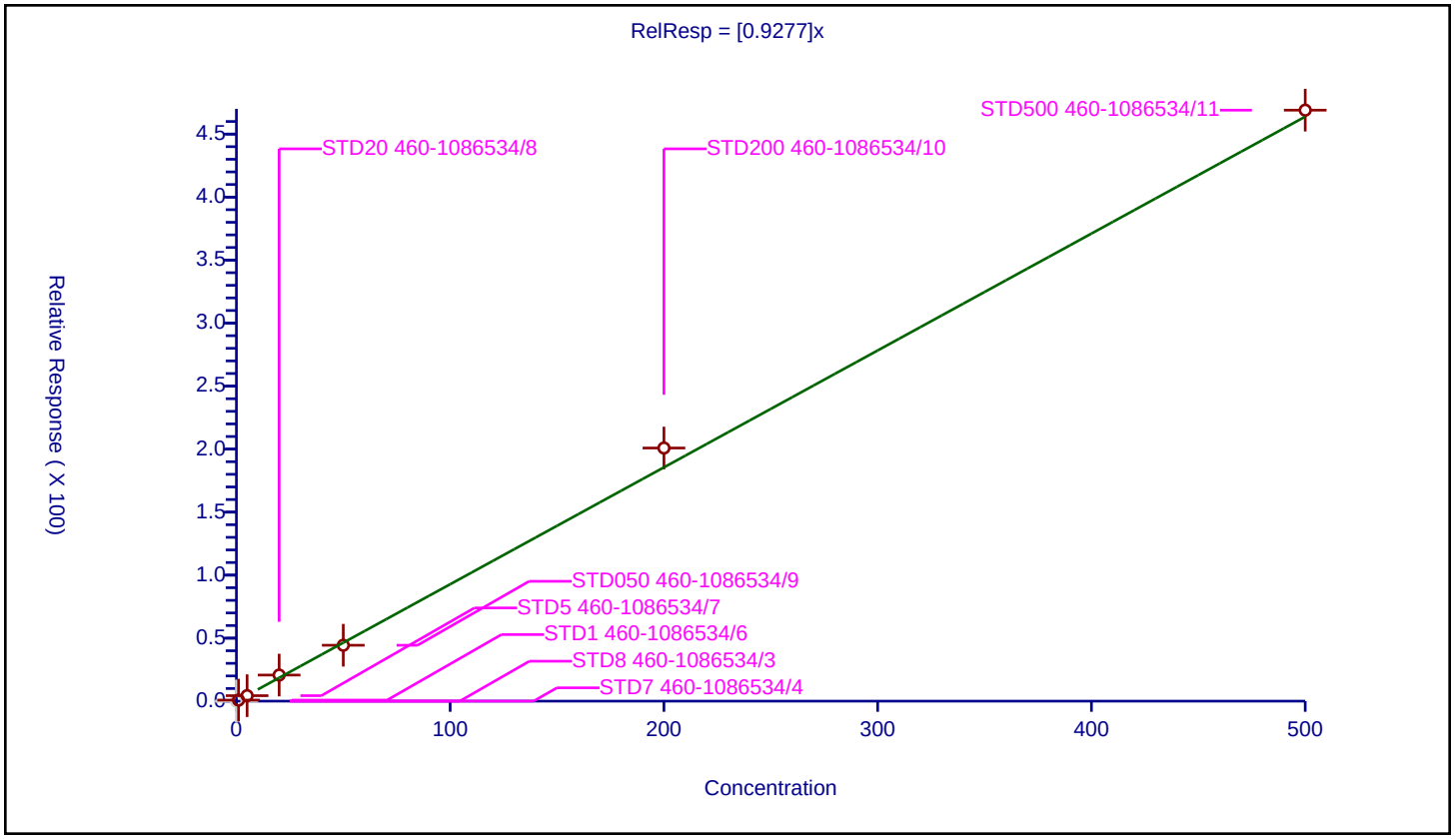
Curve Coefficients

Intercept:	0
Slope:	0.9277

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	0.831648	50.0	262070.0	0.831648	Y
4	STD5 460-1086534/7	5.0	4.349698	50.0	263593.0	0.86994	Y
5	STD20 460-1086534/8	20.0	20.697166	50.0	246297.0	1.034858	Y
6	STD050 460-1086534/9	50.0	44.360818	50.0	277292.0	0.887216	Y
7	STD200 460-1086534/10	200.0	200.875328	50.0	294404.0	1.004377	Y
8	STD500 460-1086534/11	500.0	468.977675	50.0	346162.0	0.937955	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

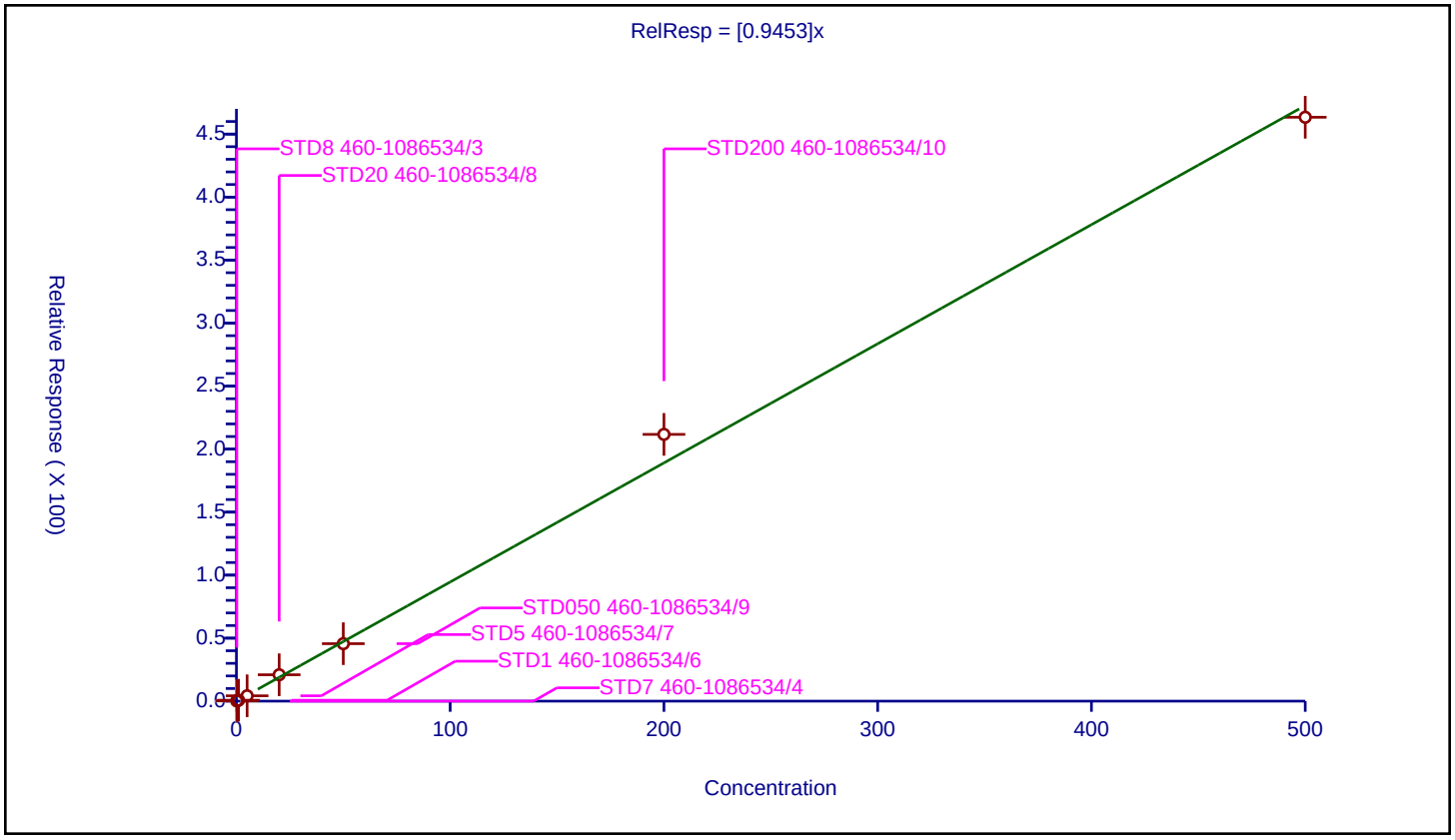
Curve Coefficients

Intercept:	0
Slope:	0.9453

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.219339	50.0	250526.0	1.096693	Y
3	STD1 460-1086534/6	1.0	0.72805	50.0	262070.0	0.72805	Y
4	STD5 460-1086534/7	5.0	4.243474	50.0	263593.0	0.848695	Y
5	STD20 460-1086534/8	20.0	20.930827	50.0	246297.0	1.046541	Y
6	STD050 460-1086534/9	50.0	45.604453	50.0	277292.0	0.912089	Y
7	STD200 460-1086534/10	200.0	211.68819	50.0	294404.0	1.058441	Y
8	STD500 460-1086534/11	500.0	463.371196	50.0	346162.0	0.926742	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

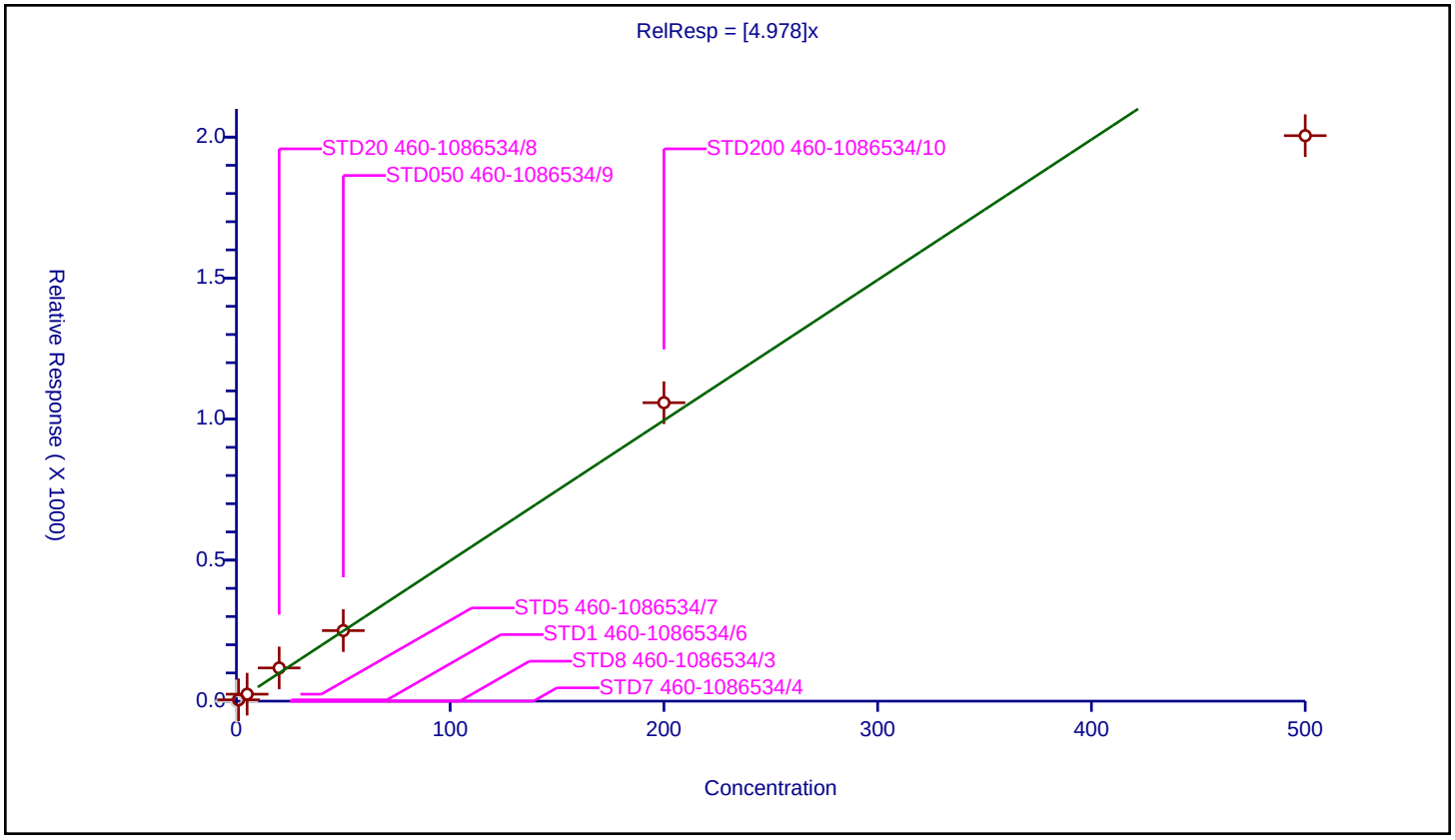
Curve Coefficients

Intercept:	0
Slope:	4.978

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	4.740718	50.0	262070.0	4.740718	Y
4	STD5 460-1086534/7	5.0	24.711961	50.0	263593.0	4.942392	Y
5	STD20 460-1086534/8	20.0	117.676626	50.0	246297.0	5.883831	Y
6	STD050 460-1086534/9	50.0	250.084929	50.0	277292.0	5.001699	Y
7	STD200 460-1086534/10	200.0	1058.203353	50.0	294404.0	5.291017	Y
8	STD500 460-1086534/11	500.0	2005.089091	50.0	346162.0	4.010178	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

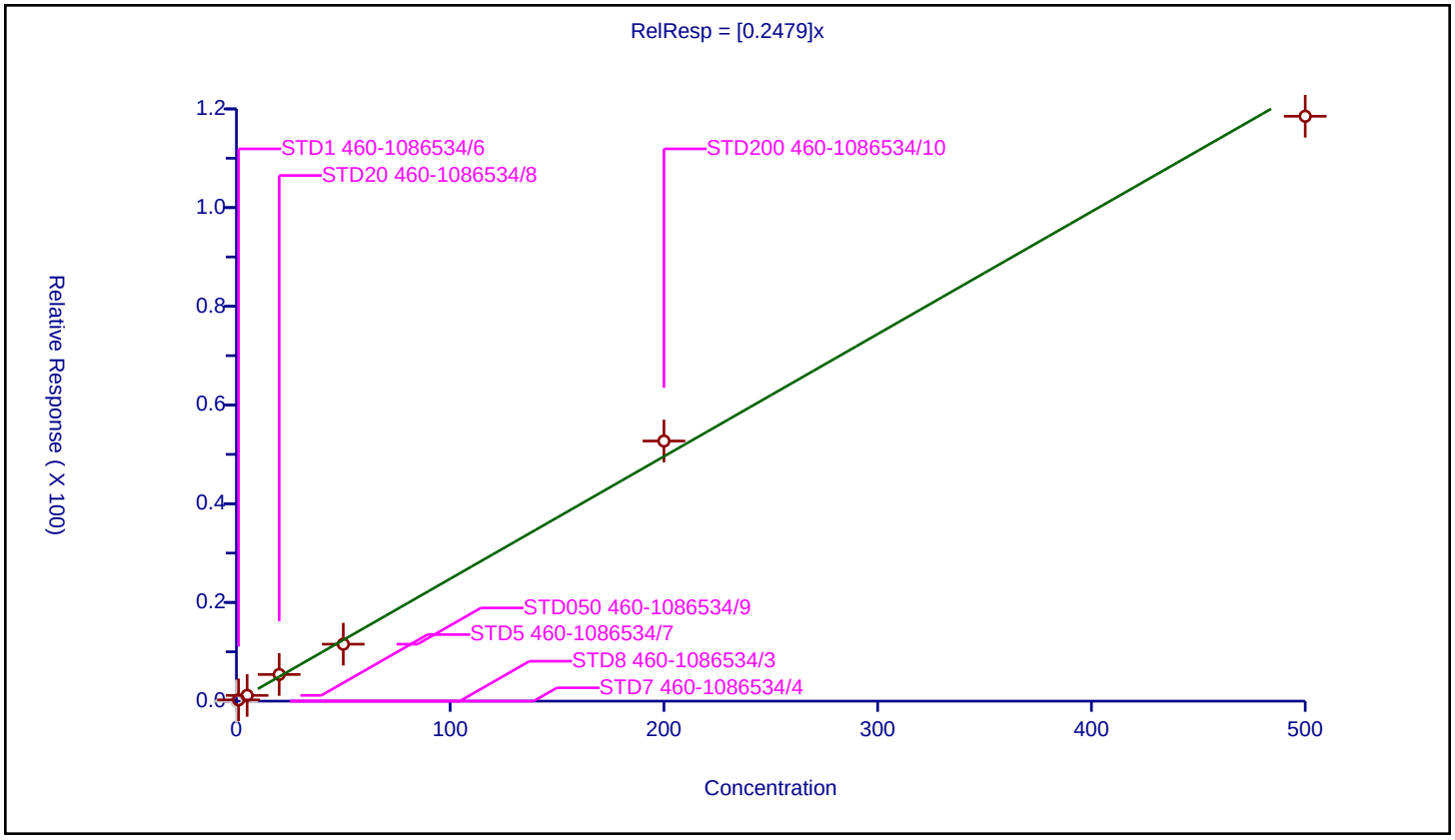
Curve Coefficients

Intercept:	0
Slope:	0.2479

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	0.253749	50.0	262070.0	0.253749	Y
4	STD5 460-1086534/7	5.0	1.162019	50.0	263593.0	0.232404	Y
5	STD20 460-1086534/8	20.0	5.400594	50.0	246297.0	0.27003	Y
6	STD050 460-1086534/9	50.0	11.538739	50.0	277292.0	0.230775	Y
7	STD200 460-1086534/10	200.0	52.705466	50.0	294404.0	0.263527	Y
8	STD500 460-1086534/11	500.0	118.513153	50.0	346162.0	0.237026	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

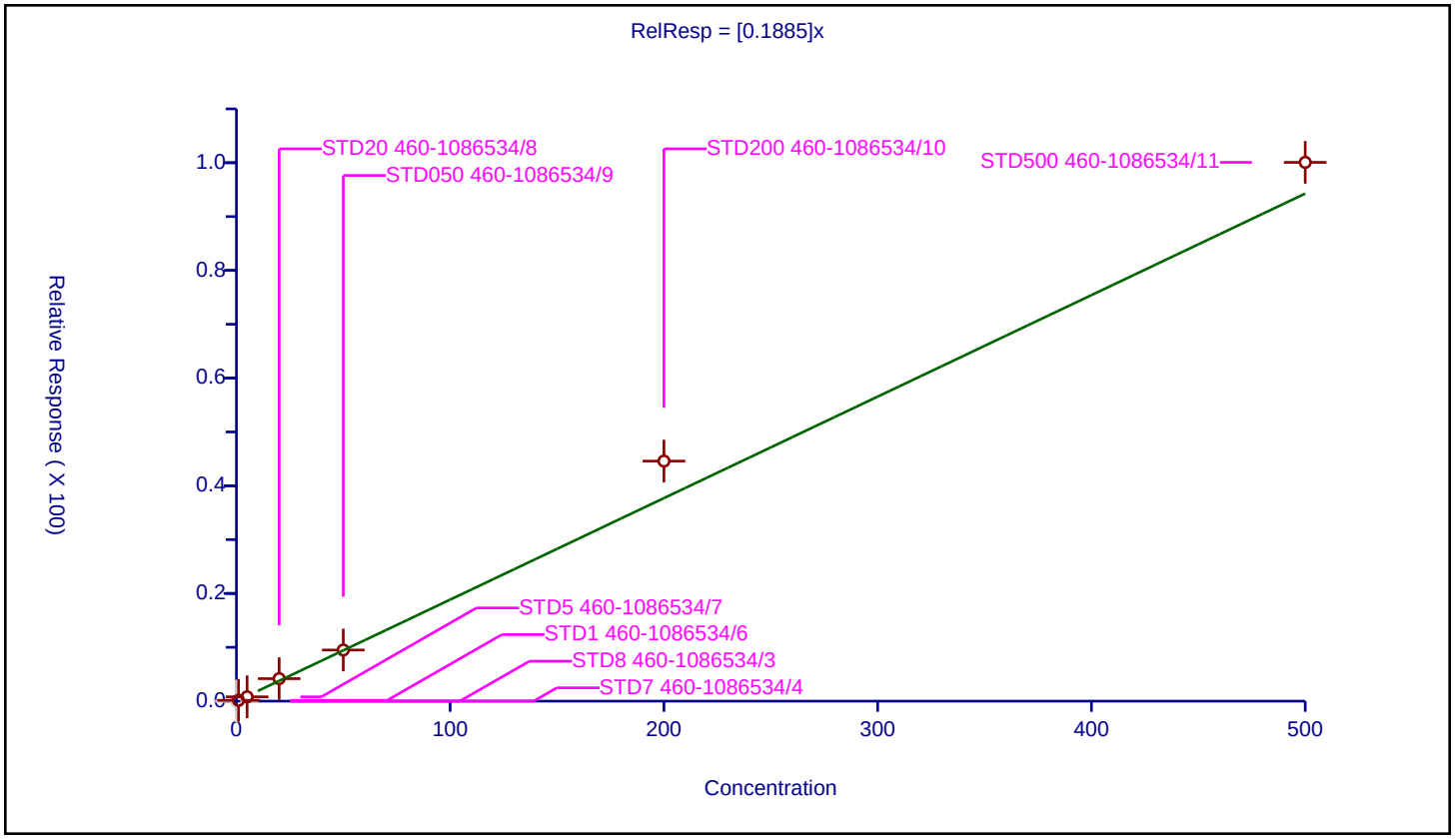
Curve Coefficients

Intercept:	0
Slope:	0.1885

Error Coefficients

Relative Standard Deviation:	15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	0.148815	50.0	262070.0	0.148815	Y
4	STD5 460-1086534/7	5.0	0.802373	50.0	263593.0	0.160475	Y
5	STD20 460-1086534/8	20.0	4.179304	50.0	246297.0	0.208965	Y
6	STD050 460-1086534/9	50.0	9.493242	50.0	277292.0	0.189865	Y
7	STD200 460-1086534/10	200.0	44.586521	50.0	294404.0	0.222933	Y
8	STD500 460-1086534/11	500.0	100.066298	50.0	346162.0	0.200133	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

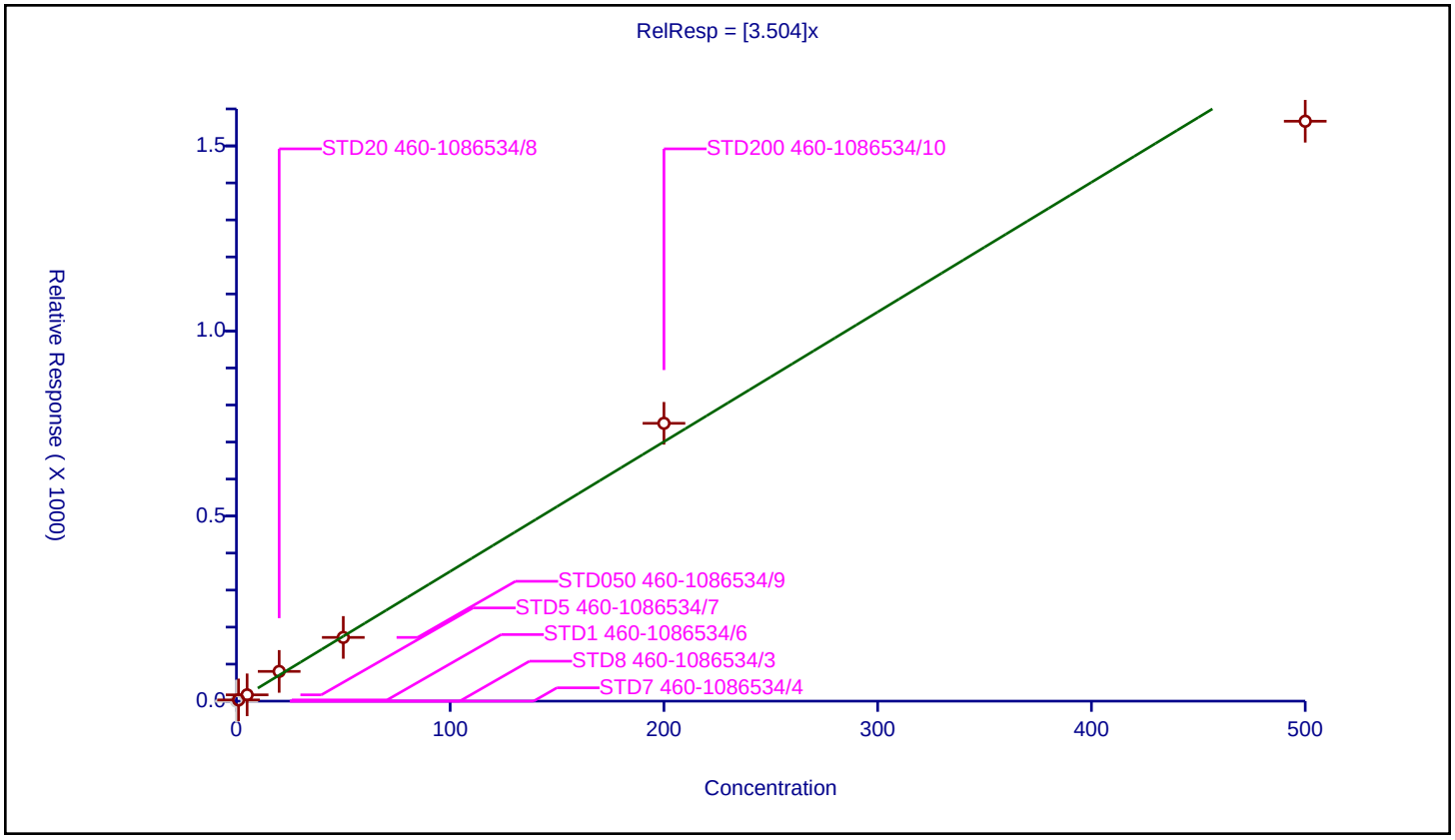
Curve Coefficients

Intercept:	0
Slope:	3.504

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	3.277559	50.0	262070.0	3.277559	Y
4	STD5 460-1086534/7	5.0	16.998934	50.0	263593.0	3.399787	Y
5	STD20 460-1086534/8	20.0	80.357455	50.0	246297.0	4.017873	Y
6	STD050 460-1086534/9	50.0	172.173557	50.0	277292.0	3.443471	Y
7	STD200 460-1086534/10	200.0	750.589836	50.0	294404.0	3.752949	Y
8	STD500 460-1086534/11	500.0	1566.719051	50.0	346162.0	3.133438	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

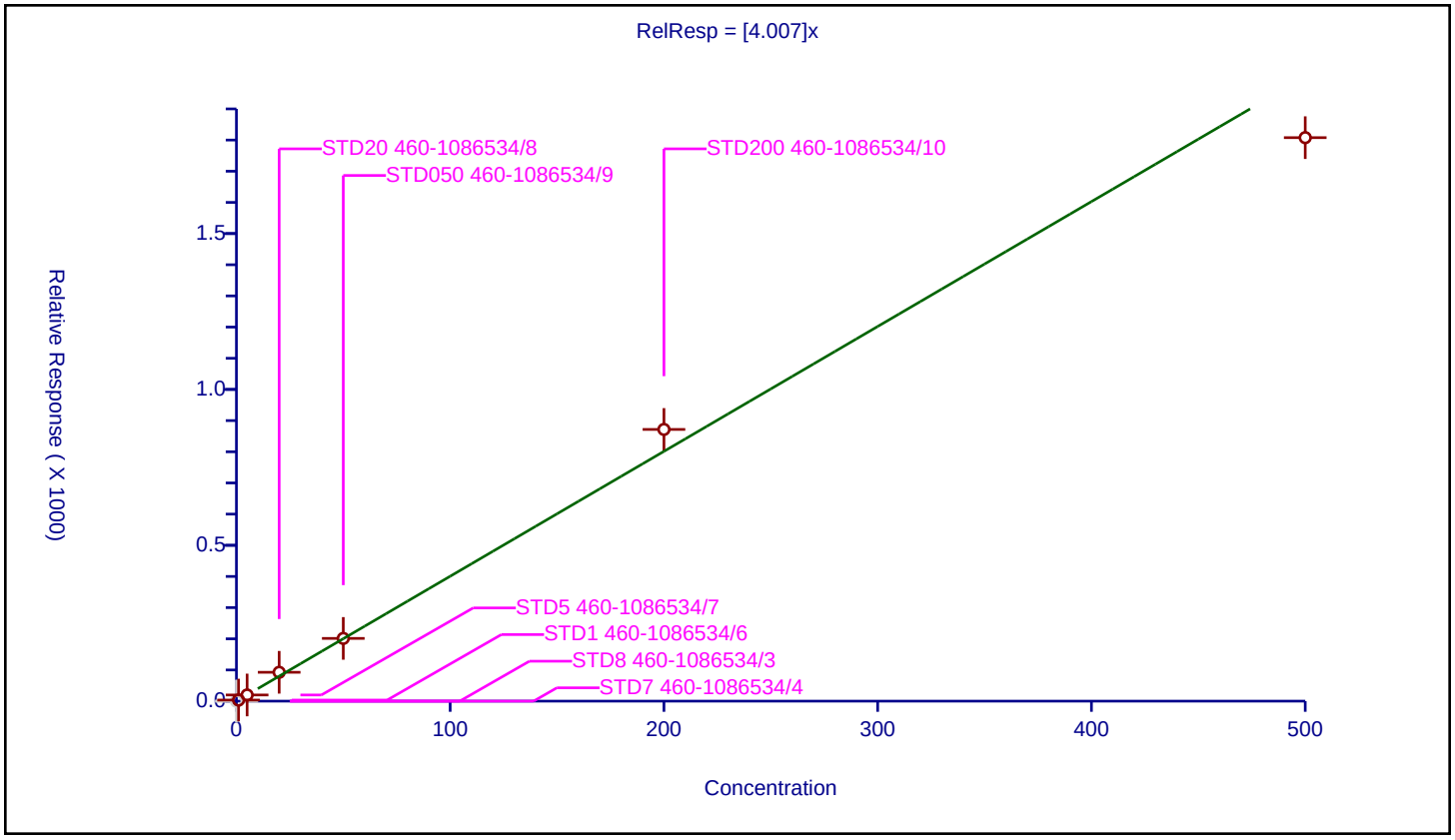
Curve Coefficients

Intercept:	0
Slope:	4.007

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	3.455565	50.0	262070.0	3.455565	Y
4	STD5 460-1086534/7	5.0	19.78334	50.0	263593.0	3.956668	Y
5	STD20 460-1086534/8	20.0	92.550457	50.0	246297.0	4.627523	Y
6	STD050 460-1086534/9	50.0	201.285468	50.0	277292.0	4.025709	Y
7	STD200 460-1086534/10	200.0	871.637783	50.0	294404.0	4.358189	Y
8	STD500 460-1086534/11	500.0	1807.739295	50.0	346162.0	3.615479	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

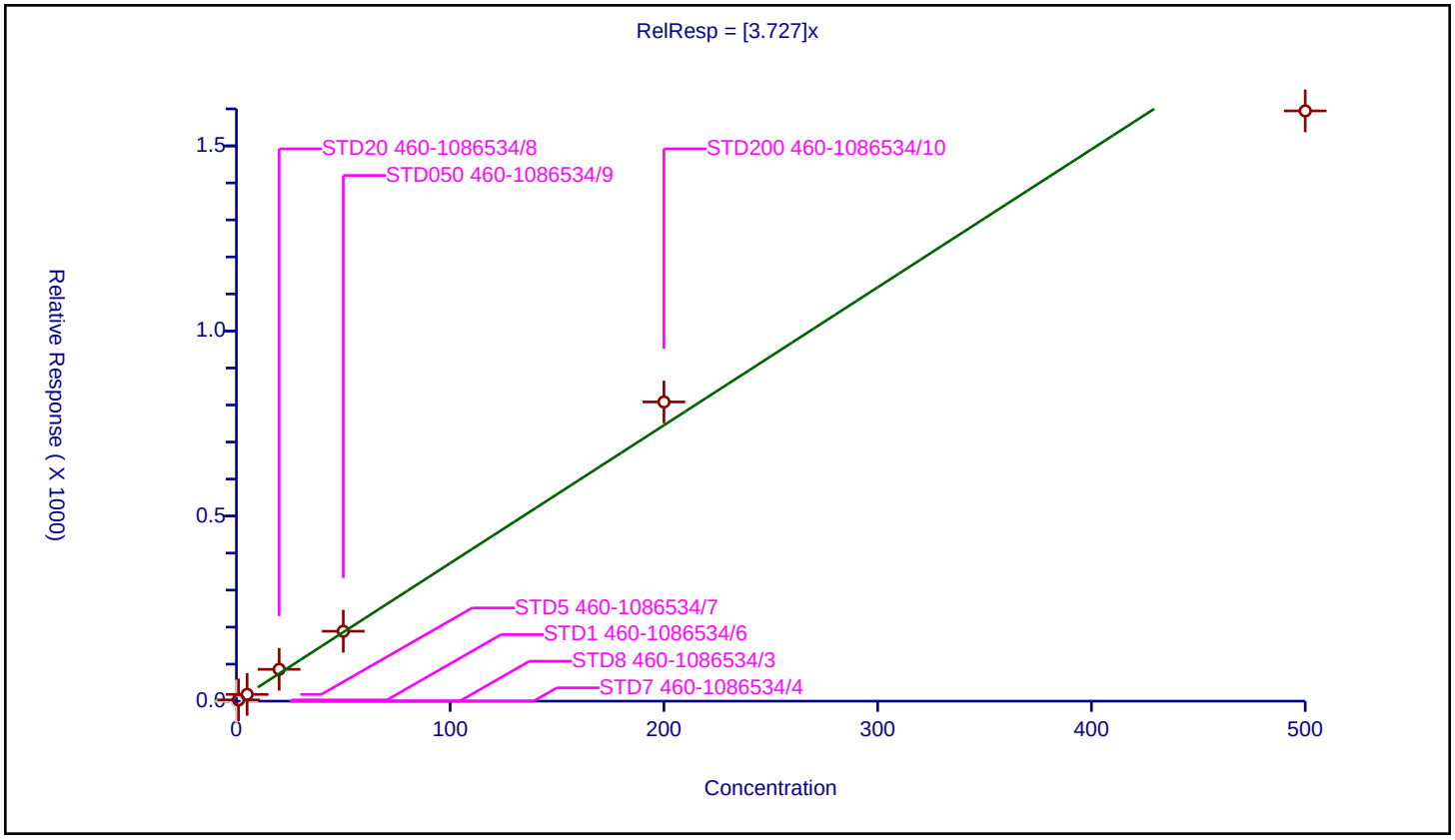
Curve Coefficients

Intercept:	0
Slope:	3.727

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	3.401954	50.0	262070.0	3.401954	Y
4	STD5 460-1086534/7	5.0	18.269833	50.0	263593.0	3.653967	Y
5	STD20 460-1086534/8	20.0	85.921875	50.0	246297.0	4.296094	Y
6	STD050 460-1086534/9	50.0	188.836678	50.0	277292.0	3.776734	Y
7	STD200 460-1086534/10	200.0	808.306273	50.0	294404.0	4.041531	Y
8	STD500 460-1086534/11	500.0	1594.550962	50.0	346162.0	3.189102	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

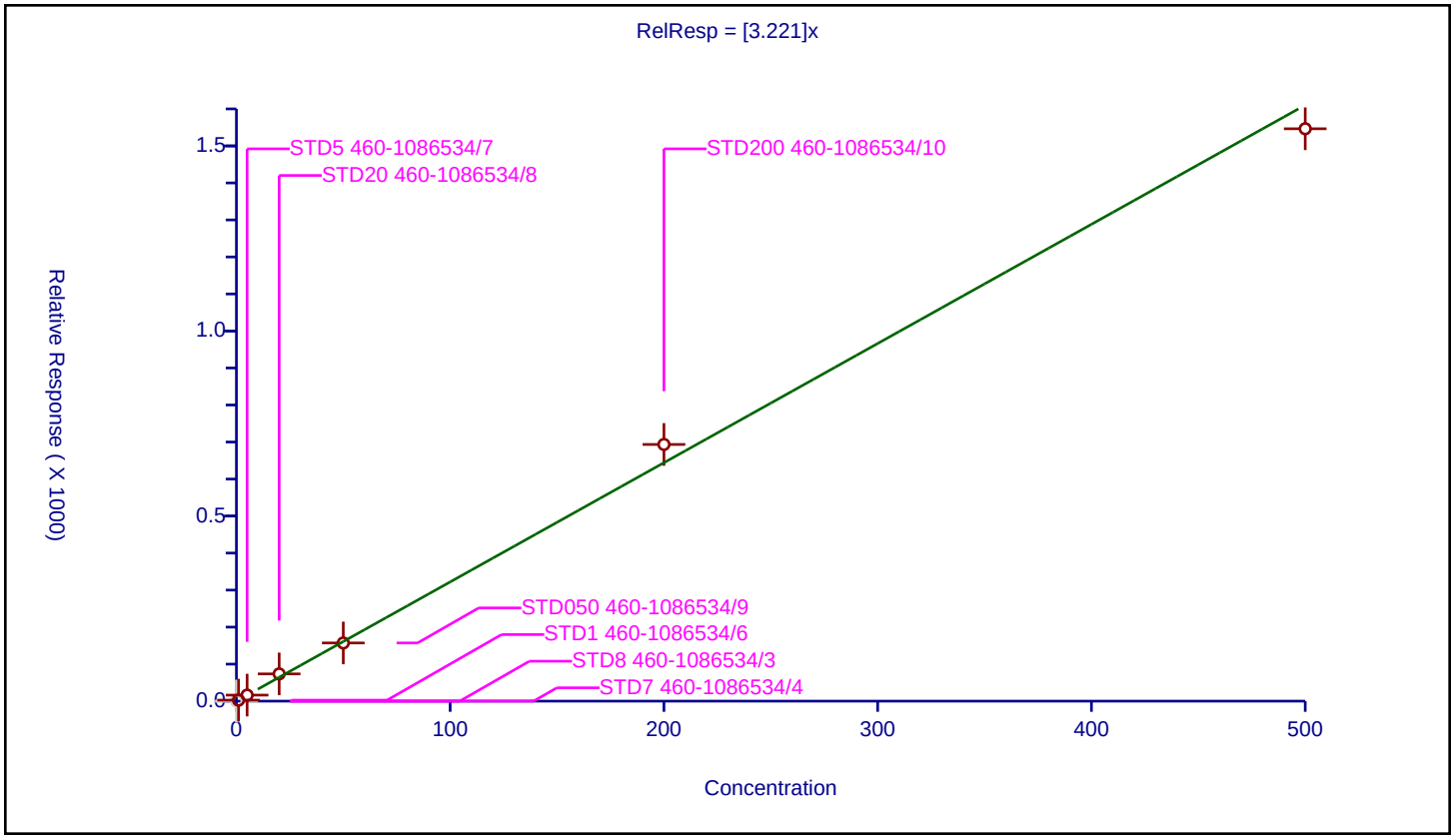
Curve Coefficients

Intercept:	0
Slope:	3.221

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	2.681726	50.0	262070.0	2.681726	Y
4	STD5 460-1086534/7	5.0	16.298233	50.0	263593.0	3.259647	Y
5	STD20 460-1086534/8	20.0	73.579662	50.0	246297.0	3.678983	Y
6	STD050 460-1086534/9	50.0	157.151306	50.0	277292.0	3.143026	Y
7	STD200 460-1086534/10	200.0	693.475802	50.0	294404.0	3.467379	Y
8	STD500 460-1086534/11	500.0	1546.32802	50.0	346162.0	3.092656	Y



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Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

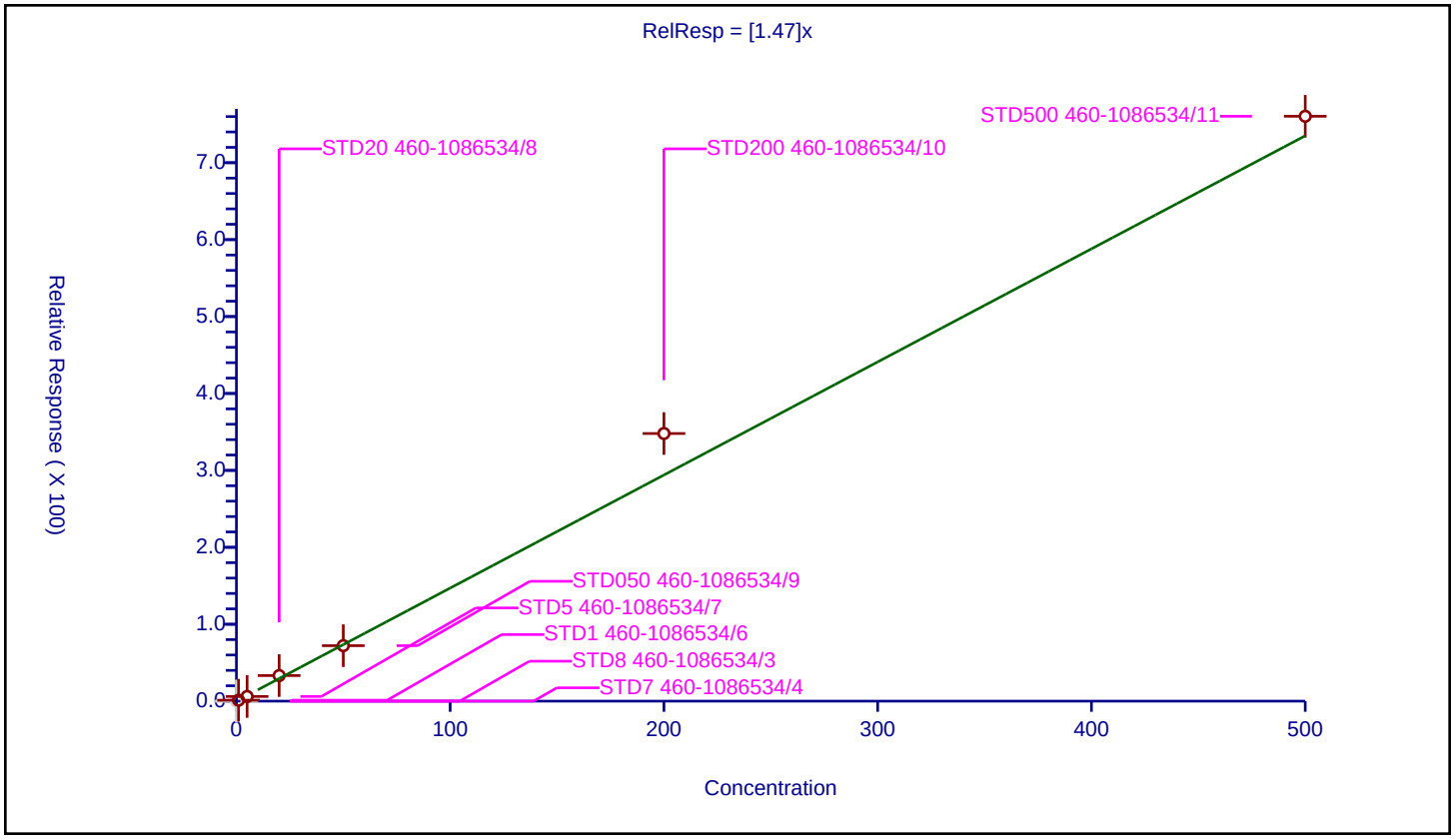
Curve Coefficients

Intercept:	0
Slope:	1.47

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	1.241081	50.0	262070.0	1.241081	Y
4	STD5 460-1086534/7	5.0	6.071861	50.0	263593.0	1.214372	Y
5	STD20 460-1086534/8	20.0	33.2501	50.0	246297.0	1.662505	Y
6	STD050 460-1086534/9	50.0	72.096022	50.0	277292.0	1.44192	Y
7	STD200 460-1086534/10	200.0	347.964192	50.0	294404.0	1.739821	Y
8	STD500 460-1086534/11	500.0	760.402499	50.0	346162.0	1.520805	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

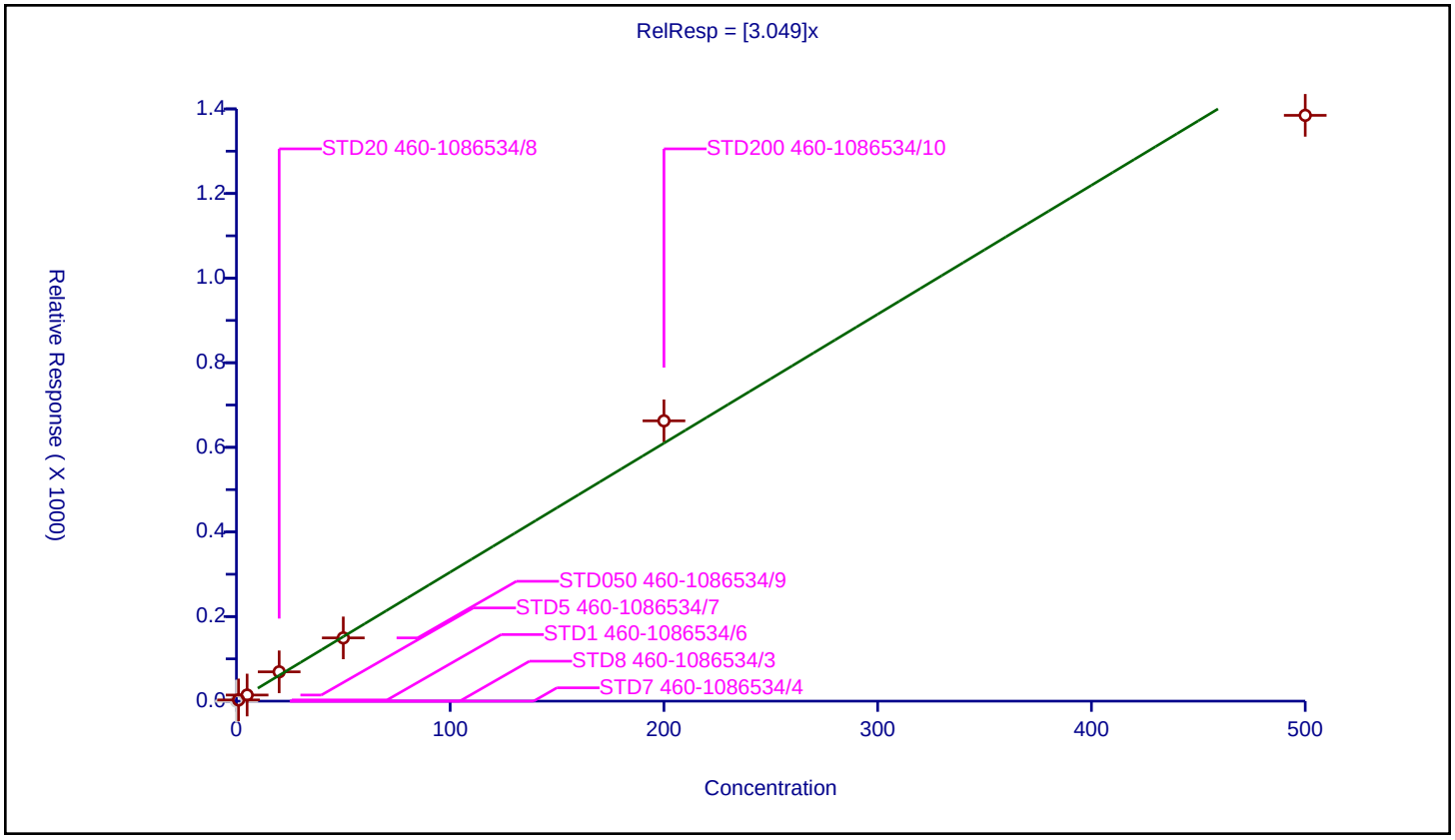
Curve Coefficients

Intercept:	0
Slope:	3.049

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	2.865265	50.0	262070.0	2.865265	Y
4	STD5 460-1086534/7	5.0	14.445945	50.0	263593.0	2.889189	Y
5	STD20 460-1086534/8	20.0	69.307787	50.0	246297.0	3.465389	Y
6	STD050 460-1086534/9	50.0	149.471676	50.0	277292.0	2.989434	Y
7	STD200 460-1086534/10	200.0	662.612091	50.0	294404.0	3.31306	Y
8	STD500 460-1086534/11	500.0	1384.769125	50.0	346162.0	2.769538	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

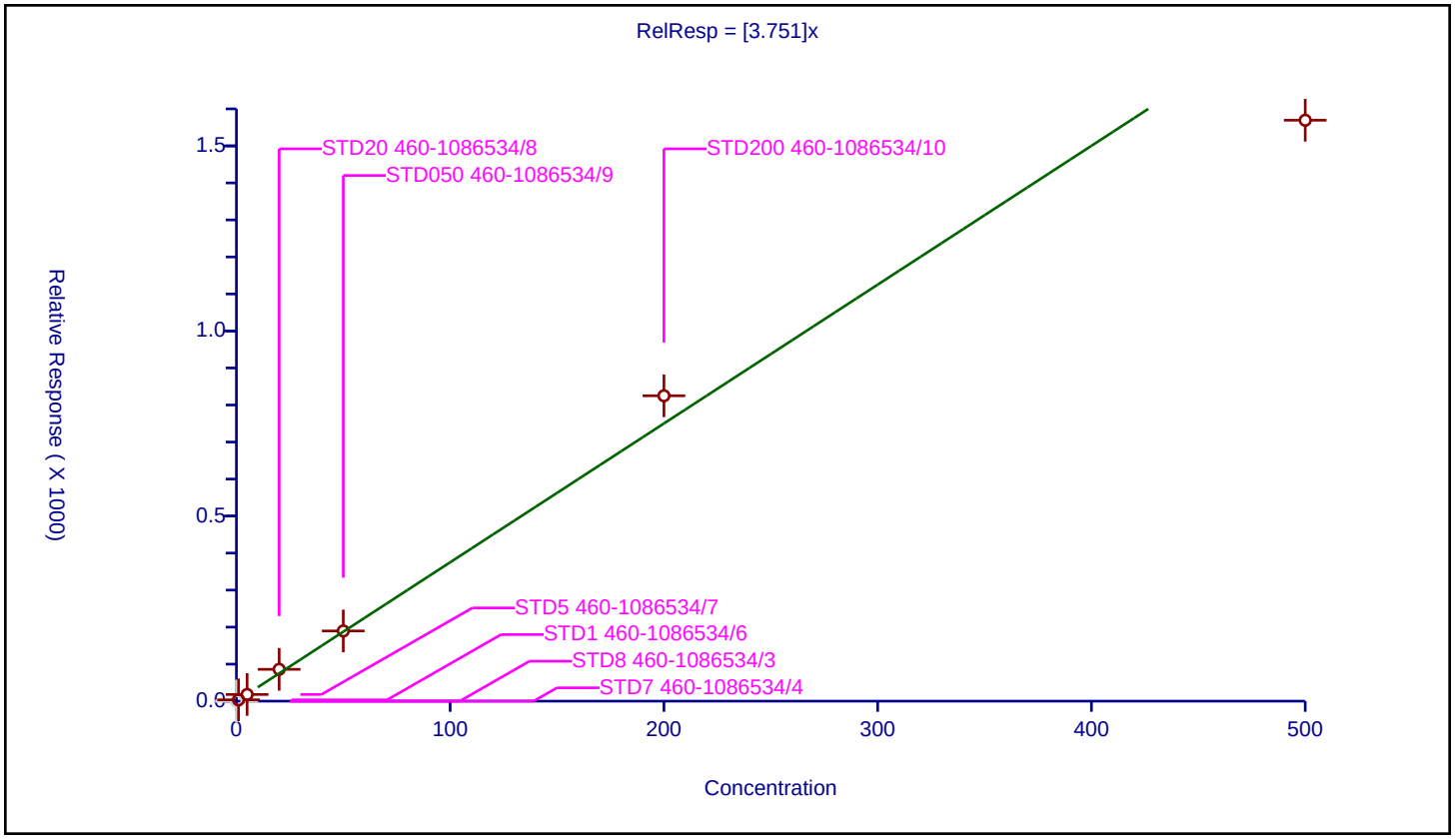
Curve Coefficients

Intercept:	0
Slope:	3.751

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	3.546381	50.0	262070.0	3.546381	Y
4	STD5 460-1086534/7	5.0	18.010342	50.0	263593.0	3.602068	Y
5	STD20 460-1086534/8	20.0	85.981153	50.0	246297.0	4.299058	Y
6	STD050 460-1086534/9	50.0	189.641966	50.0	277292.0	3.792839	Y
7	STD200 460-1086534/10	200.0	825.005774	50.0	294404.0	4.125029	Y
8	STD500 460-1086534/11	500.0	1569.3278	50.0	346162.0	3.138656	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

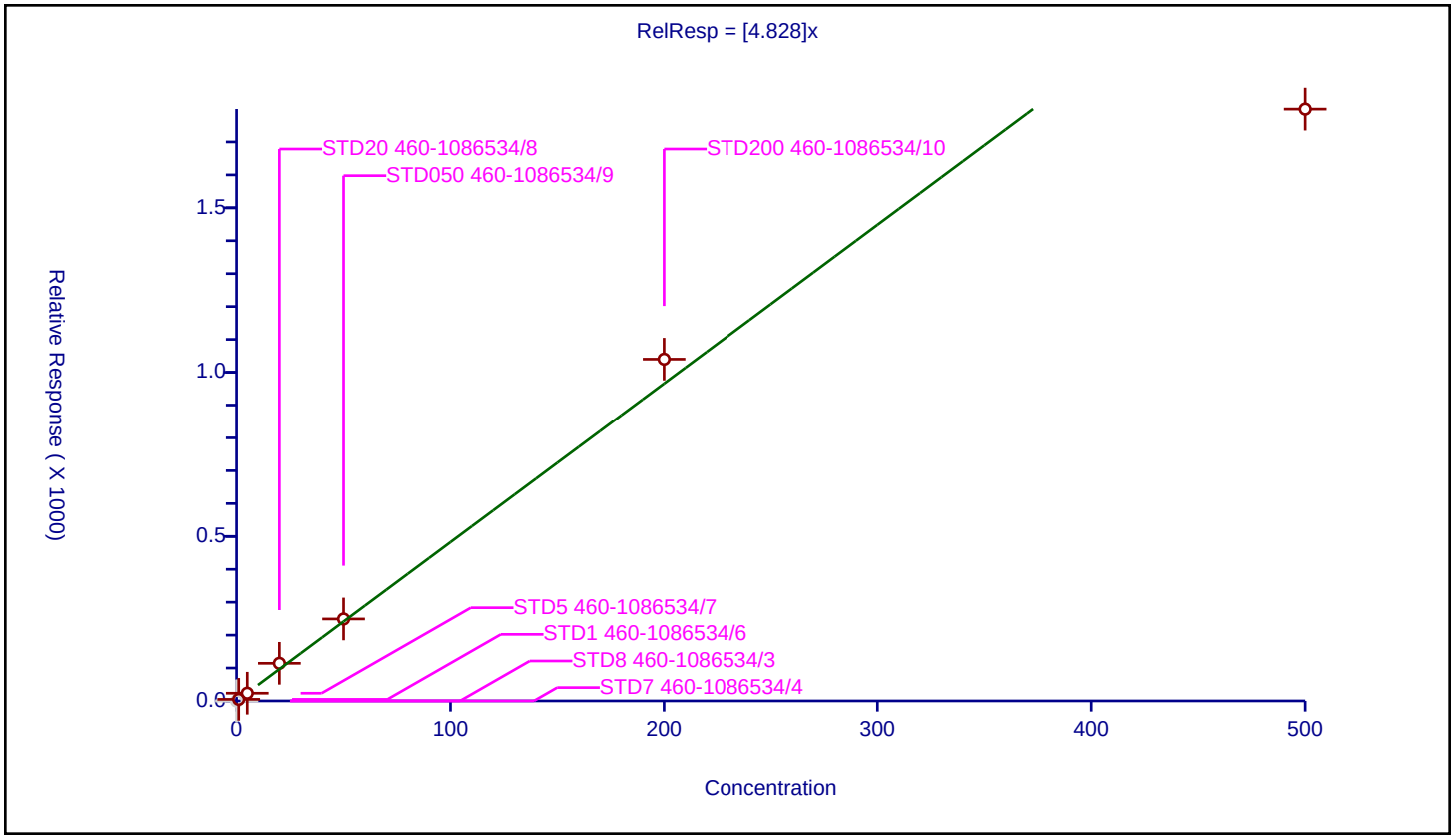
Curve Coefficients

Intercept:	0
Slope:	4.828

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	4.775632	50.0	262070.0	4.775632	Y
4	STD5 460-1086534/7	5.0	23.457755	50.0	263593.0	4.691551	Y
5	STD20 460-1086534/8	20.0	114.374515	50.0	246297.0	5.718726	Y
6	STD050 460-1086534/9	50.0	249.104915	50.0	277292.0	4.982098	Y
7	STD200 460-1086534/10	200.0	1039.853569	50.0	294404.0	5.199268	Y
8	STD500 460-1086534/11	500.0	1799.673708	50.0	346162.0	3.599347	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

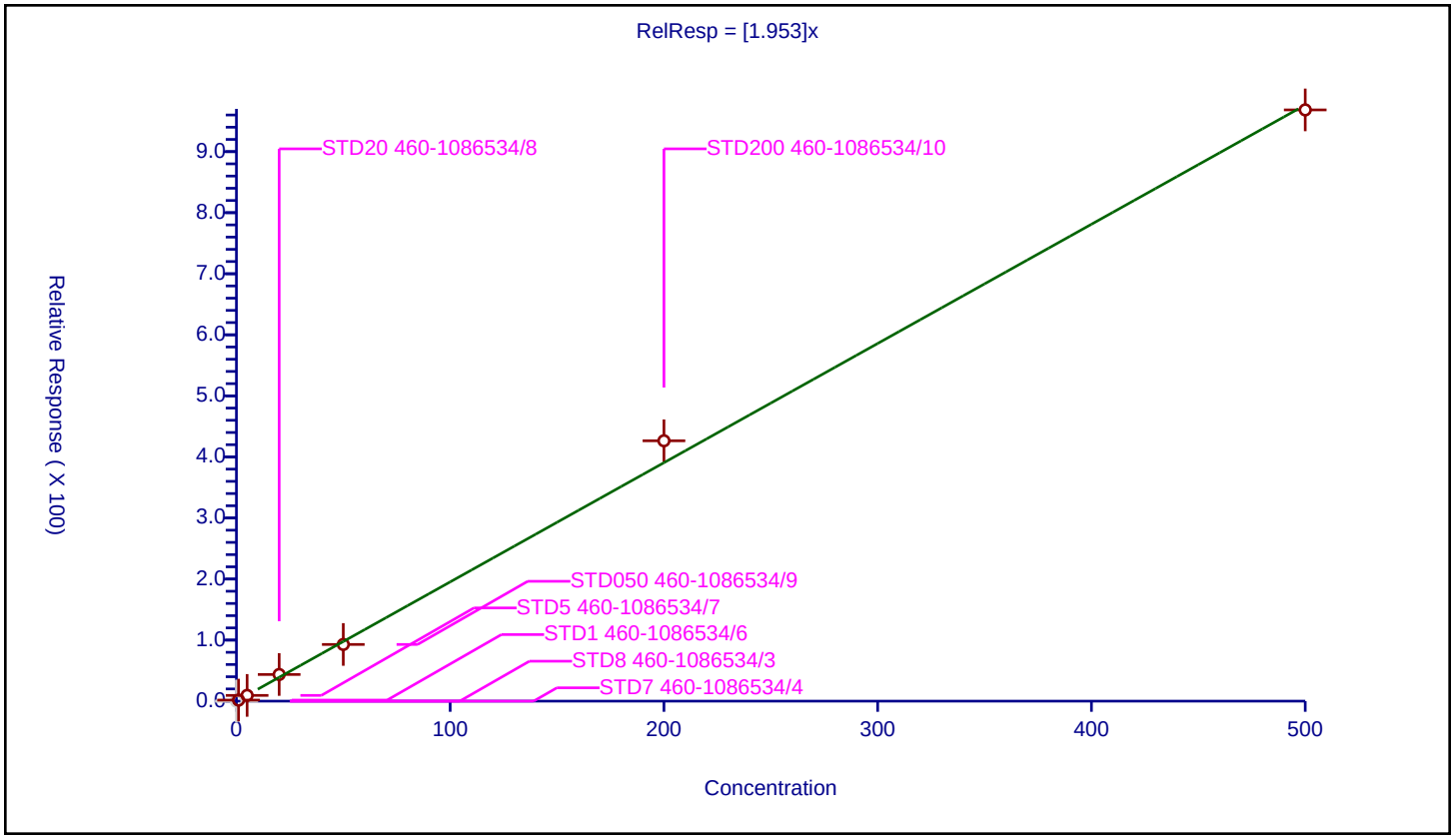
Curve Coefficients

Intercept:	0
Slope:	1.953

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	1.723967	50.0	262070.0	1.723967	Y
4	STD5 460-1086534/7	5.0	9.415652	50.0	263593.0	1.88313	Y
5	STD20 460-1086534/8	20.0	43.655627	50.0	246297.0	2.182781	Y
6	STD050 460-1086534/9	50.0	92.858251	50.0	277292.0	1.857165	Y
7	STD200 460-1086534/10	200.0	426.415232	50.0	294404.0	2.132076	Y
8	STD500 460-1086534/11	500.0	968.357156	50.0	346162.0	1.936714	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

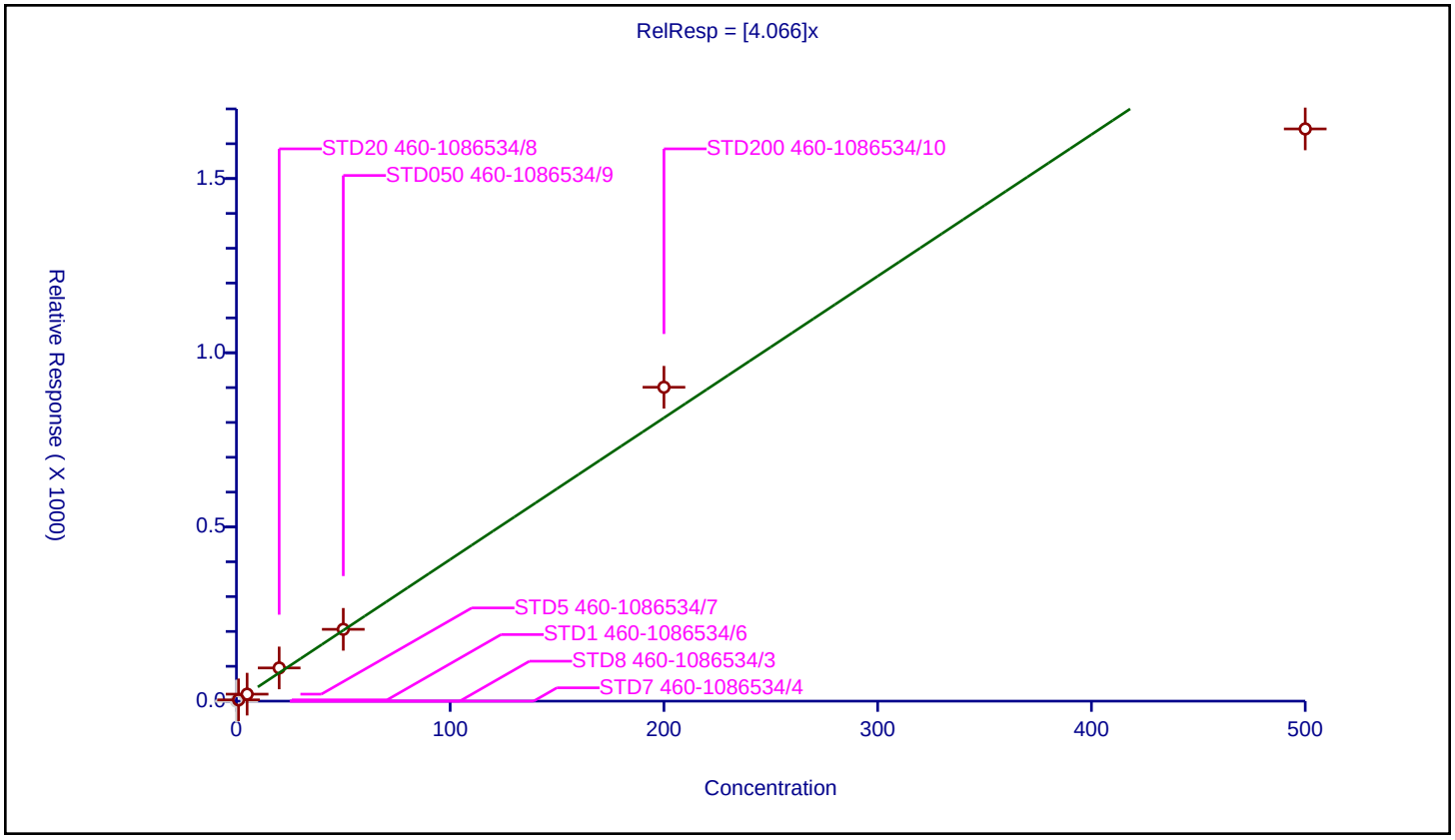
Curve Coefficients

Intercept:	0
Slope:	4.066

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	3.706643	50.0	262070.0	3.706643	Y
4	STD5 460-1086534/7	5.0	20.057437	50.0	263593.0	4.011487	Y
5	STD20 460-1086534/8	20.0	95.278668	50.0	246297.0	4.763933	Y
6	STD050 460-1086534/9	50.0	206.162457	50.0	277292.0	4.123249	Y
7	STD200 460-1086534/10	200.0	901.033953	50.0	294404.0	4.50517	Y
8	STD500 460-1086534/11	500.0	1642.544098	50.0	346162.0	3.285088	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

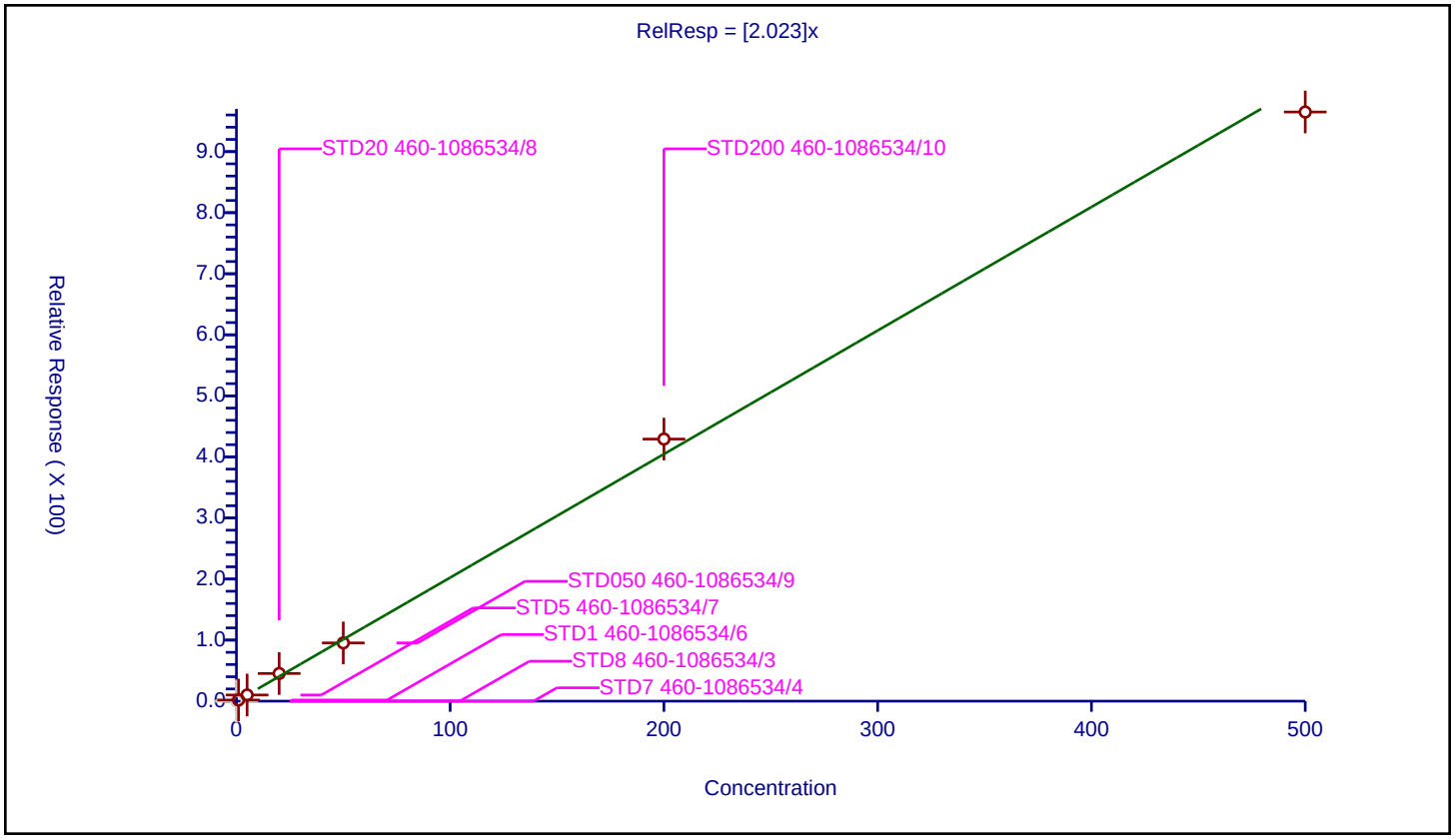
Curve Coefficients

Intercept:	0
Slope:	2.023

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	1.873164	50.0	262070.0	1.873164	Y
4	STD5 460-1086534/7	5.0	10.093971	50.0	263593.0	2.018794	Y
5	STD20 460-1086534/8	20.0	45.289224	50.0	246297.0	2.264461	Y
6	STD050 460-1086534/9	50.0	95.391861	50.0	277292.0	1.907837	Y
7	STD200 460-1086534/10	200.0	429.228034	50.0	294404.0	2.14614	Y
8	STD500 460-1086534/11	500.0	964.912671	50.0	346162.0	1.929825	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

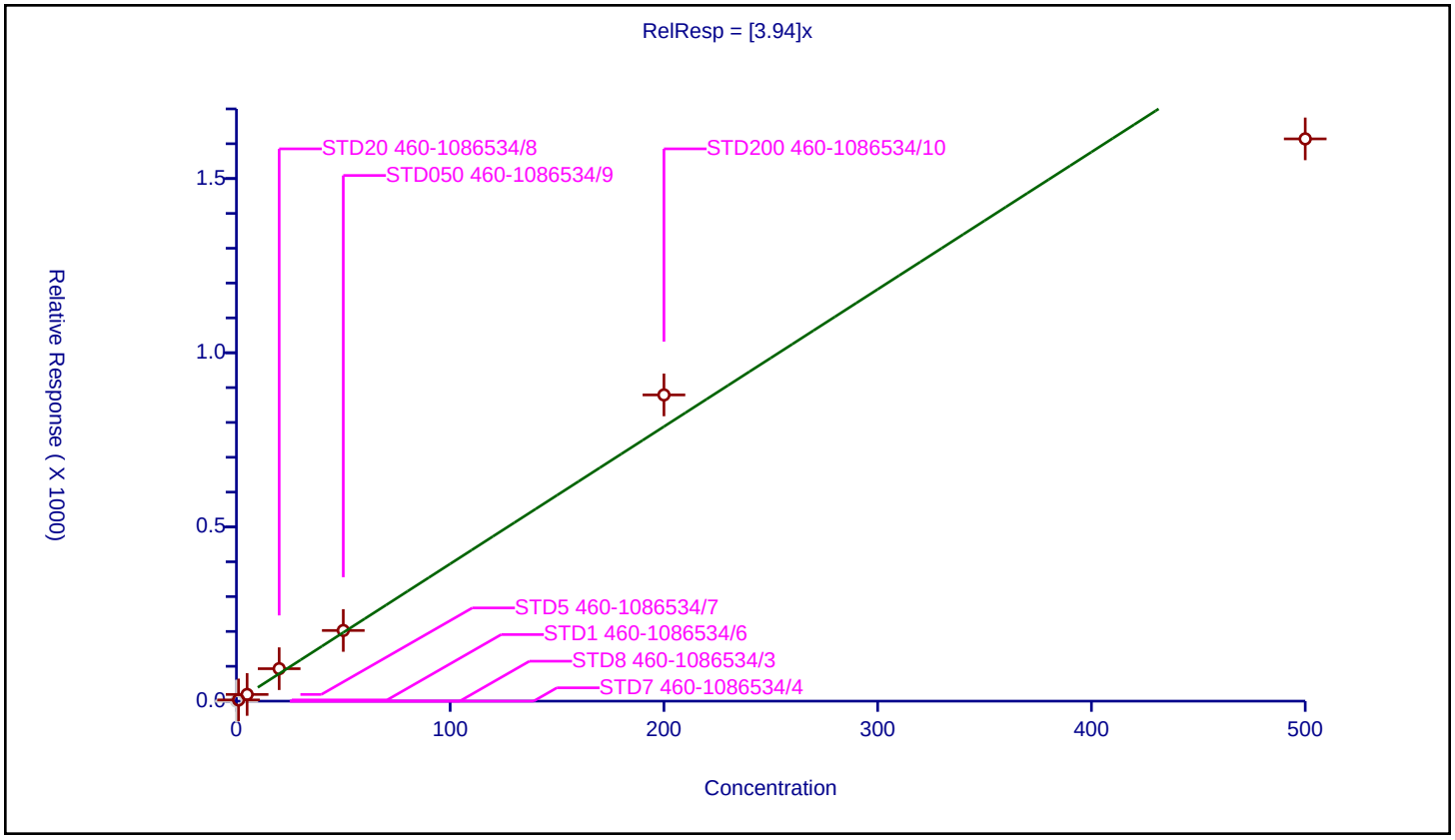
Curve Coefficients

Intercept:	0
Slope:	3.94

Error Coefficients

Relative Standard Deviation:	13.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	3.458046	50.0	262070.0	3.458046	Y
4	STD5 460-1086534/7	5.0	19.222438	50.0	263593.0	3.844488	Y
5	STD20 460-1086534/8	20.0	93.188711	50.0	246297.0	4.659436	Y
6	STD050 460-1086534/9	50.0	202.883062	50.0	277292.0	4.057661	Y
7	STD200 460-1086534/10	200.0	879.014721	50.0	294404.0	4.395074	Y
8	STD500 460-1086534/11	500.0	1613.931194	50.0	346162.0	3.227862	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

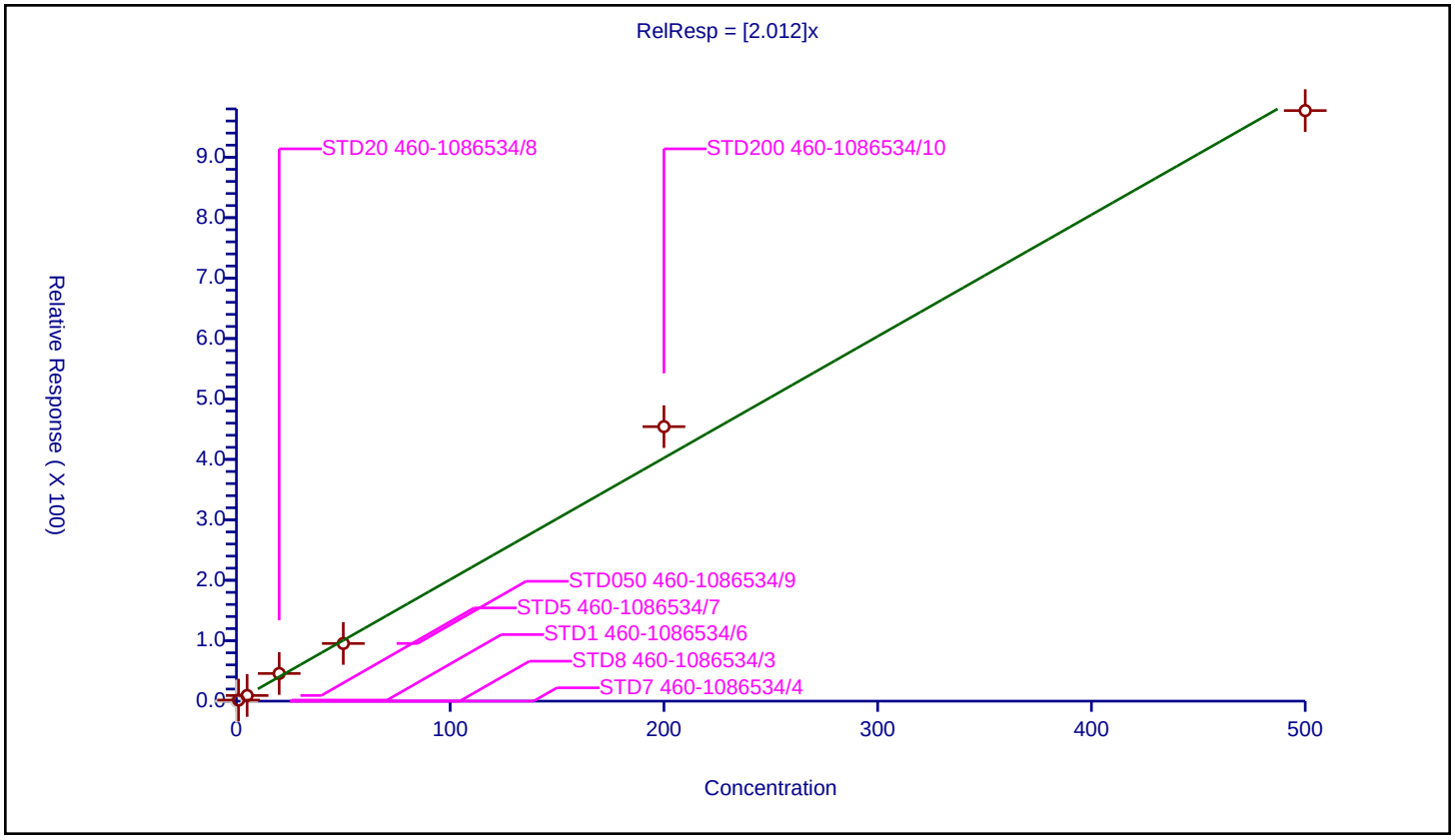
Curve Coefficients

Intercept:	0
Slope:	2.012

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	1.778532	50.0	262070.0	1.778532	Y
4	STD5 460-1086534/7	5.0	9.35059	50.0	263593.0	1.870118	Y
5	STD20 460-1086534/8	20.0	45.77705	50.0	246297.0	2.288852	Y
6	STD050 460-1086534/9	50.0	95.440186	50.0	277292.0	1.908804	Y
7	STD200 460-1086534/10	200.0	454.212069	50.0	294404.0	2.27106	Y
8	STD500 460-1086534/11	500.0	977.167627	50.0	346162.0	1.954335	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

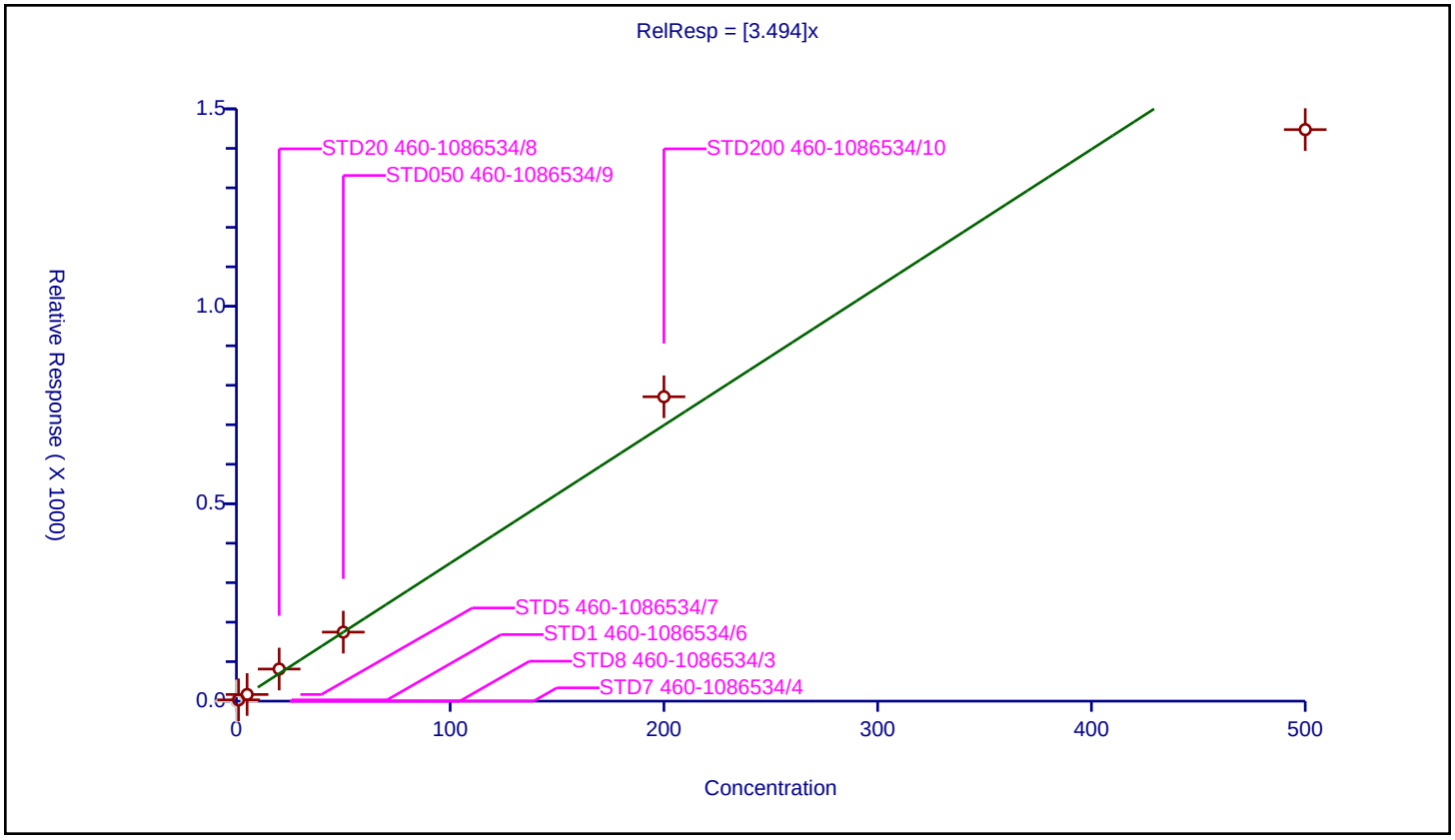
Curve Coefficients

Intercept:	0
Slope:	3.494

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	3.281566	50.0	262070.0	3.281566	Y
4	STD5 460-1086534/7	5.0	16.840356	50.0	263593.0	3.368071	Y
5	STD20 460-1086534/8	20.0	81.351783	50.0	246297.0	4.067589	Y
6	STD050 460-1086534/9	50.0	174.835913	50.0	277292.0	3.496718	Y
7	STD200 460-1086534/10	200.0	770.917685	50.0	294404.0	3.854588	Y
8	STD500 460-1086534/11	500.0	1447.534391	50.0	346162.0	2.895069	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

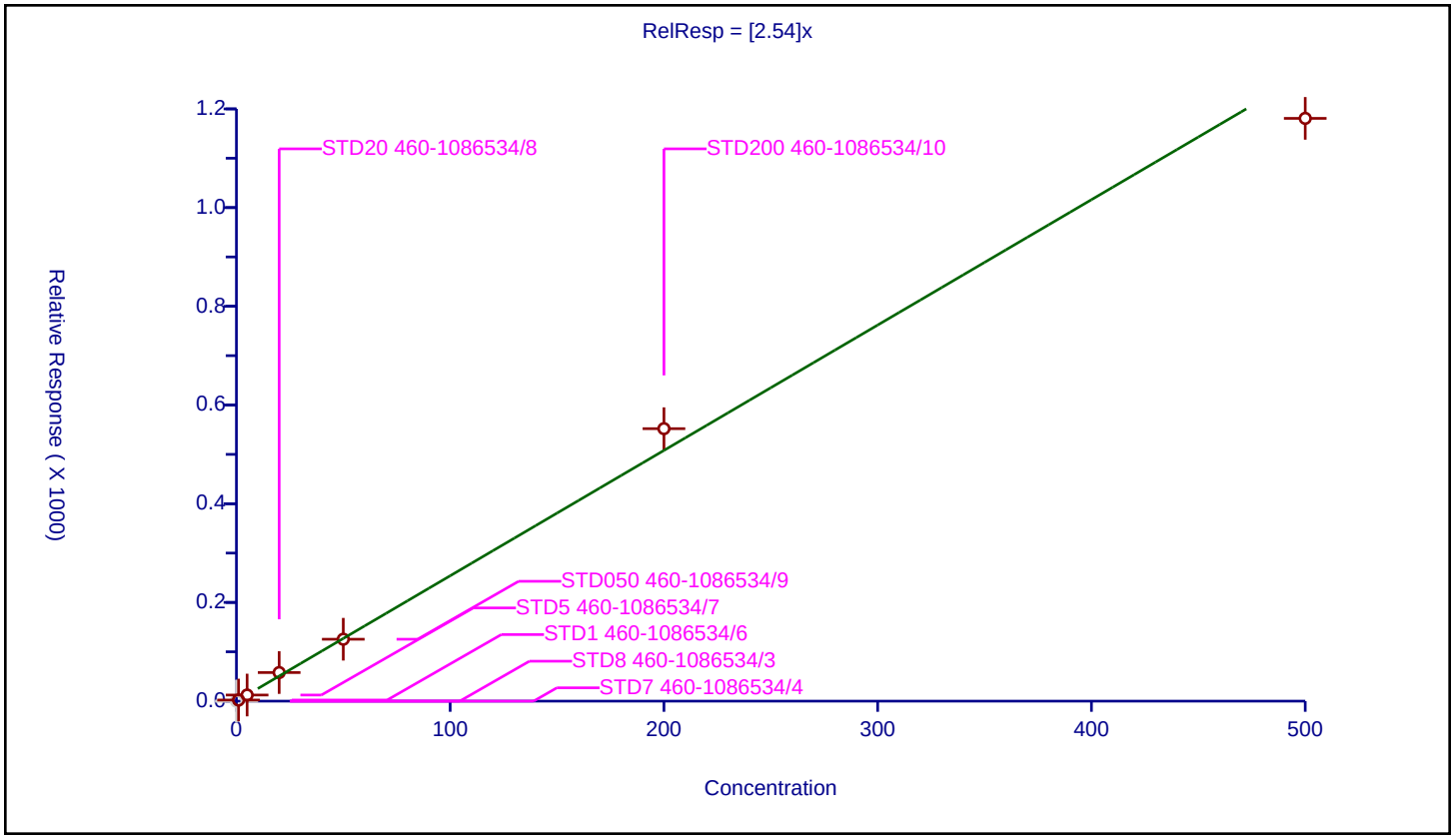
Curve Coefficients

Intercept:	0
Slope:	2.54

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	2.237189	50.0	262070.0	2.237189	Y
4	STD5 460-1086534/7	5.0	12.378553	50.0	263593.0	2.475711	Y
5	STD20 460-1086534/8	20.0	57.919098	50.0	246297.0	2.895955	Y
6	STD050 460-1086534/9	50.0	125.463591	50.0	277292.0	2.509272	Y
7	STD200 460-1086534/10	200.0	552.102553	50.0	294404.0	2.760513	Y
8	STD500 460-1086534/11	500.0	1180.803352	50.0	346162.0	2.361607	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

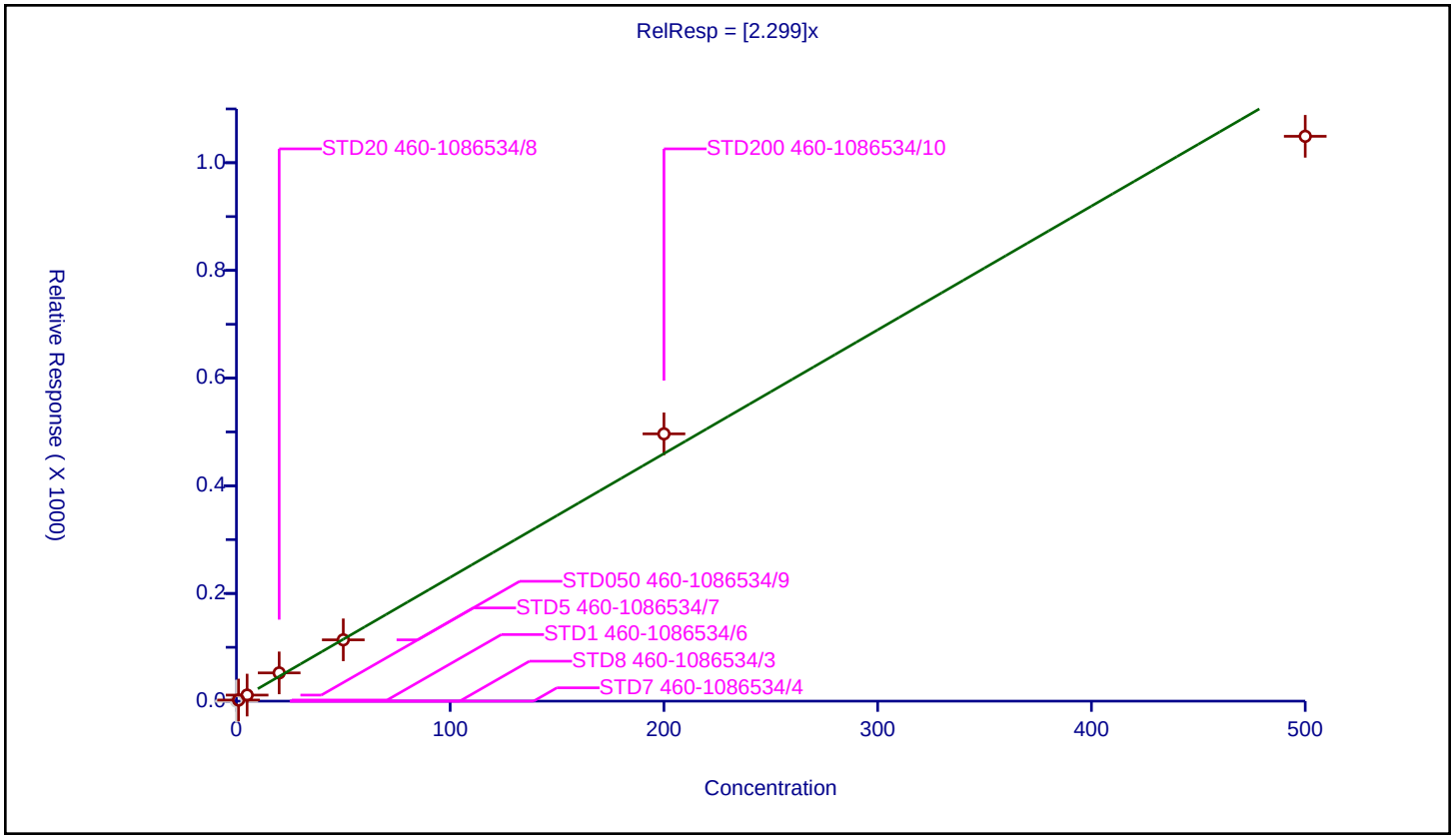
Curve Coefficients

Intercept:	0
Slope:	2.299

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	2.057466	50.0	262070.0	2.057466	Y
4	STD5 460-1086534/7	5.0	11.271164	50.0	263593.0	2.254233	Y
5	STD20 460-1086534/8	20.0	52.441361	50.0	246297.0	2.622068	Y
6	STD050 460-1086534/9	50.0	113.873462	50.0	277292.0	2.277469	Y
7	STD200 460-1086534/10	200.0	496.436529	50.0	294404.0	2.482183	Y
8	STD500 460-1086534/11	500.0	1049.114865	50.0	346162.0	2.09823	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

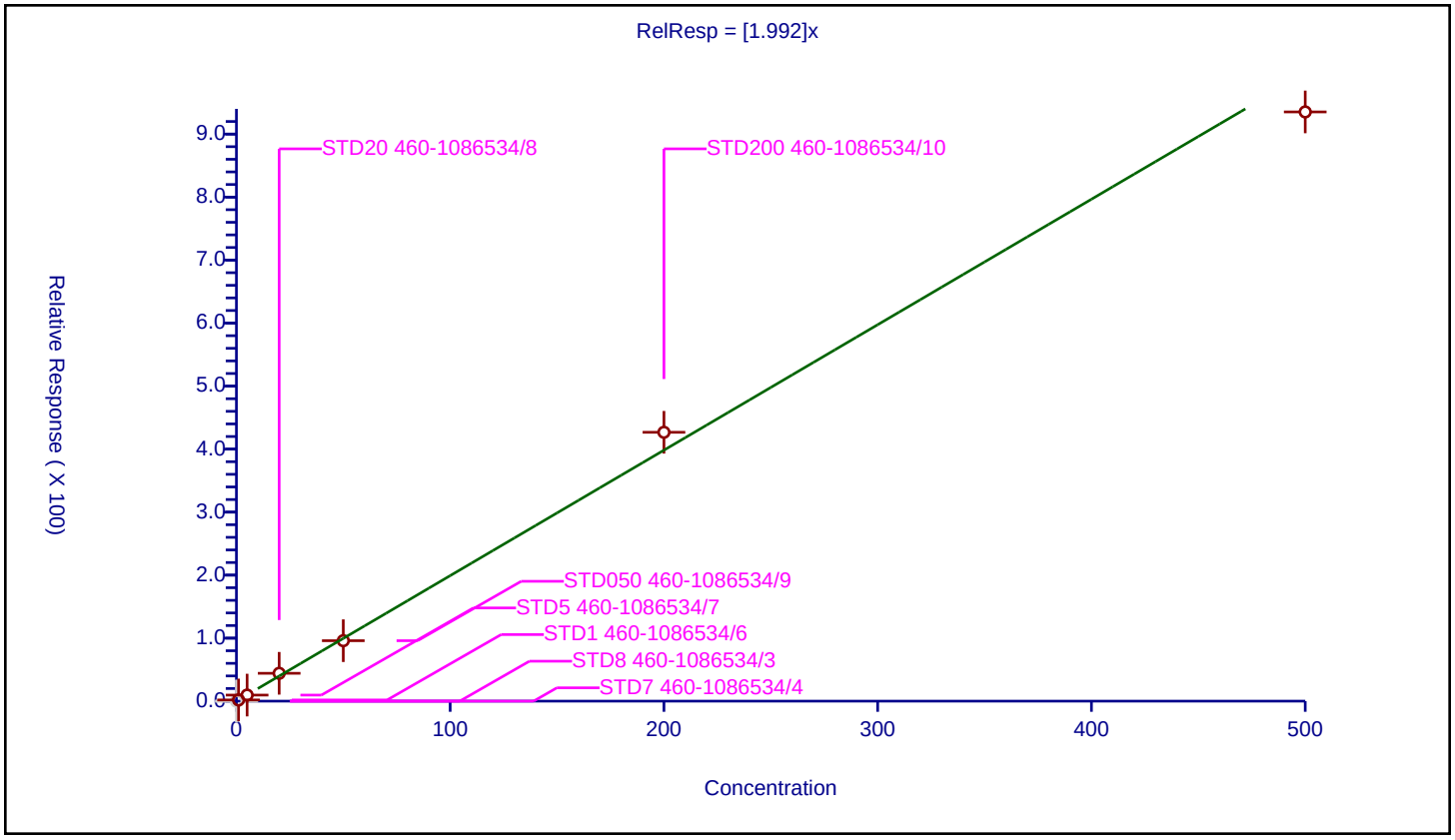
Curve Coefficients

Intercept:	0
Slope:	1.992

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	1.892433	50.0	262070.0	1.892433	Y
4	STD5 460-1086534/7	5.0	9.626014	50.0	263593.0	1.925203	Y
5	STD20 460-1086534/8	20.0	44.18446	50.0	246297.0	2.209223	Y
6	STD050 460-1086534/9	50.0	95.927939	50.0	277292.0	1.918559	Y
7	STD200 460-1086534/10	200.0	426.72603	50.0	294404.0	2.13363	Y
8	STD500 460-1086534/11	500.0	935.200282	50.0	346162.0	1.870401	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

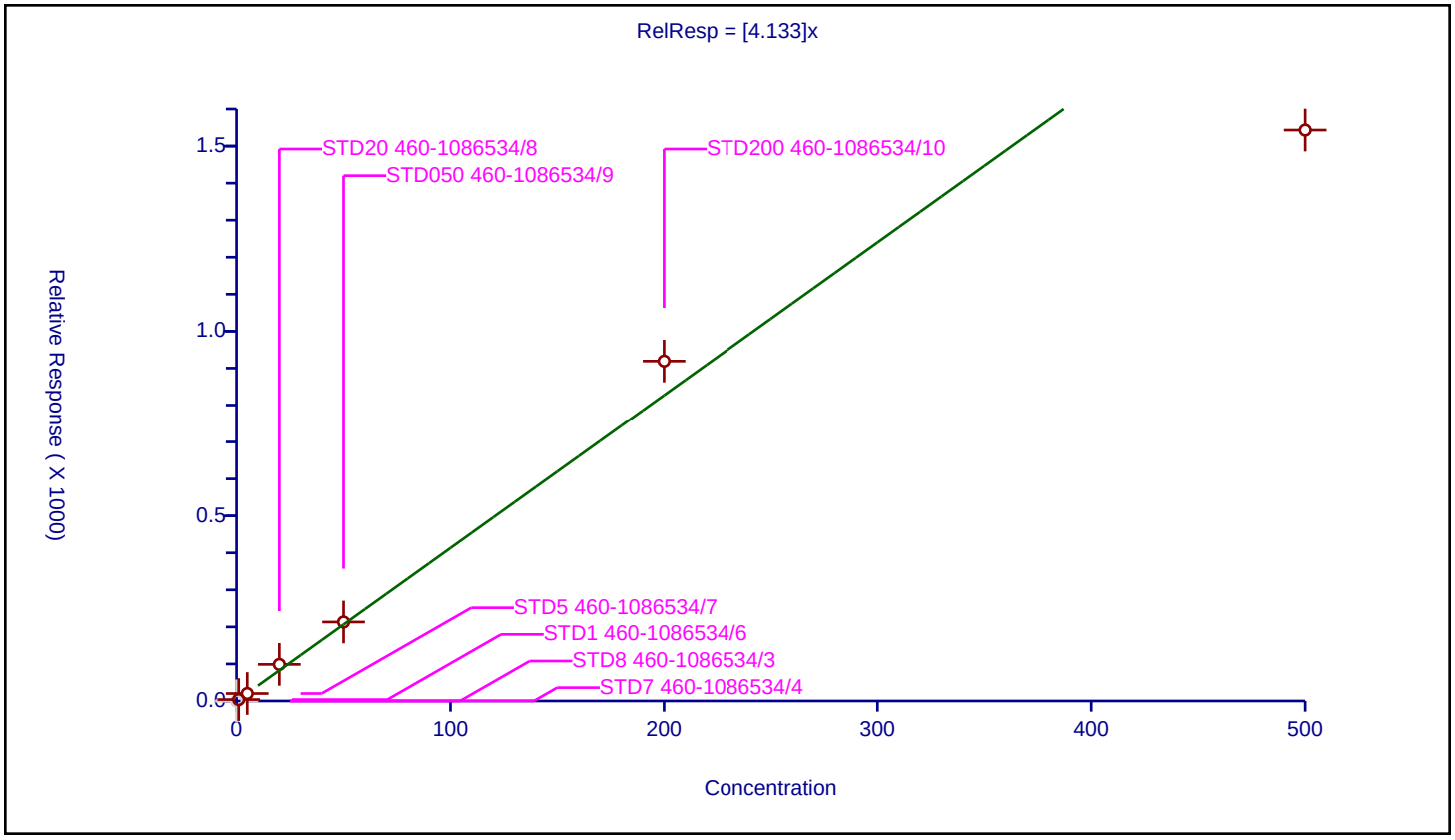
Curve Coefficients

Intercept:	0
Slope:	4.133

Error Coefficients

Relative Standard Deviation:	15.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	3.880833	50.0	262070.0	3.880833	Y
4	STD5 460-1086534/7	5.0	20.149814	50.0	263593.0	4.029963	Y
5	STD20 460-1086534/8	20.0	98.805304	50.0	246297.0	4.940265	Y
6	STD050 460-1086534/9	50.0	213.288519	50.0	277292.0	4.26577	Y
7	STD200 460-1086534/10	200.0	919.173483	50.0	294404.0	4.595867	Y
8	STD500 460-1086534/11	500.0	1543.297358	50.0	346162.0	3.086595	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

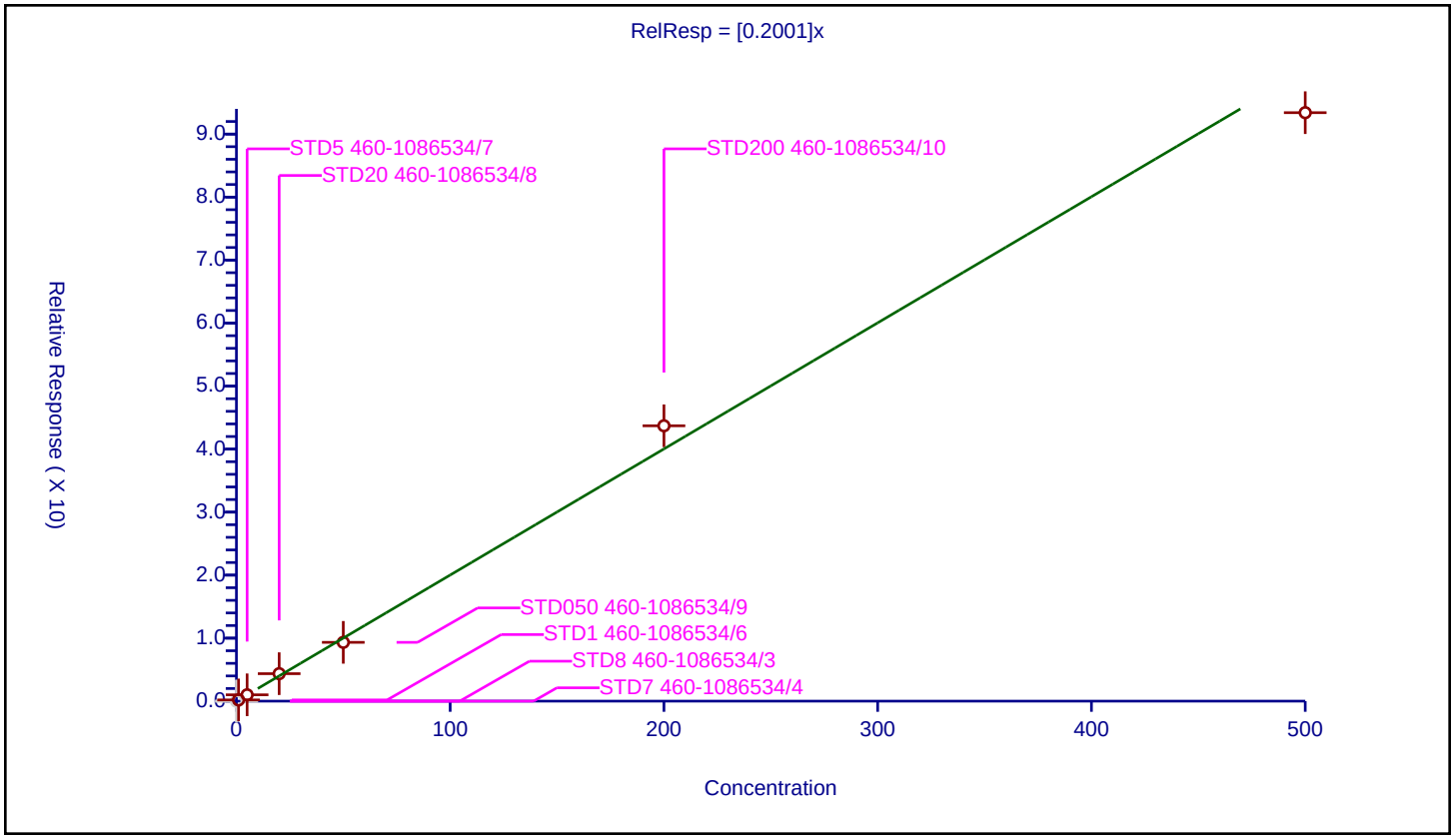
Curve Coefficients

Intercept:	0
Slope:	0.2001

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	0.190407	50.0	262070.0	0.190407	Y
4	STD5 460-1086534/7	5.0	1.002303	50.0	263593.0	0.200461	Y
5	STD20 460-1086534/8	20.0	4.361401	50.0	246297.0	0.21807	Y
6	STD050 460-1086534/9	50.0	9.329876	50.0	277292.0	0.186598	Y
7	STD200 460-1086534/10	200.0	43.702871	50.0	294404.0	0.218514	Y
8	STD500 460-1086534/11	500.0	93.4002	50.0	346162.0	0.1868	Y



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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

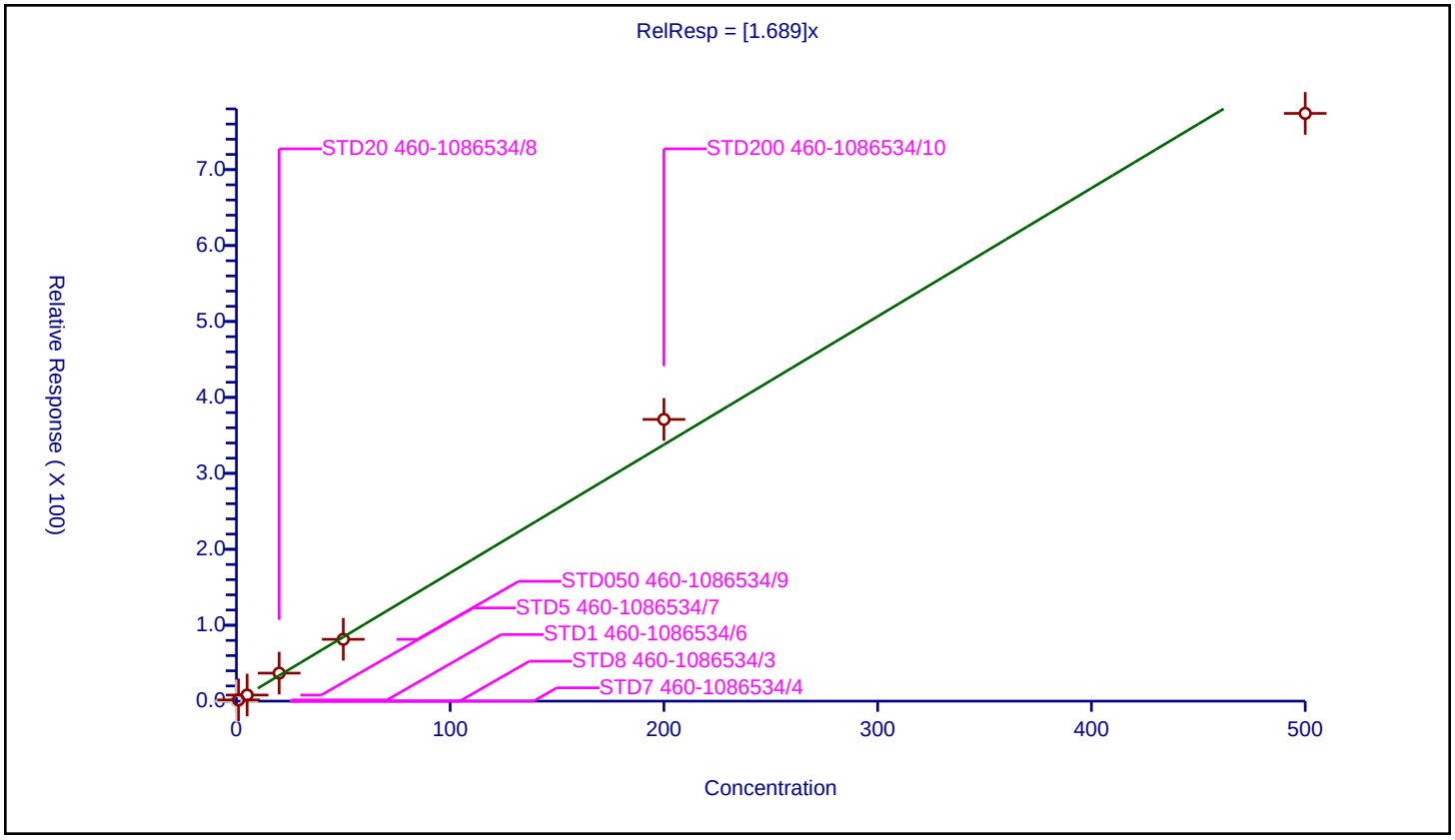
Curve Coefficients

Intercept:	0
Slope:	1.689

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	1.646697	50.0	262070.0	1.646697	Y
4	STD5 460-1086534/7	5.0	8.059015	50.0	263593.0	1.611803	Y
5	STD20 460-1086534/8	20.0	36.872759	50.0	246297.0	1.843638	Y
6	STD050 460-1086534/9	50.0	81.433651	50.0	277292.0	1.628673	Y
7	STD200 460-1086534/10	200.0	371.041834	50.0	294404.0	1.855209	Y
8	STD500 460-1086534/11	500.0	774.061278	50.0	346162.0	1.548123	Y



2/5/2026
8:39:33 AM

Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

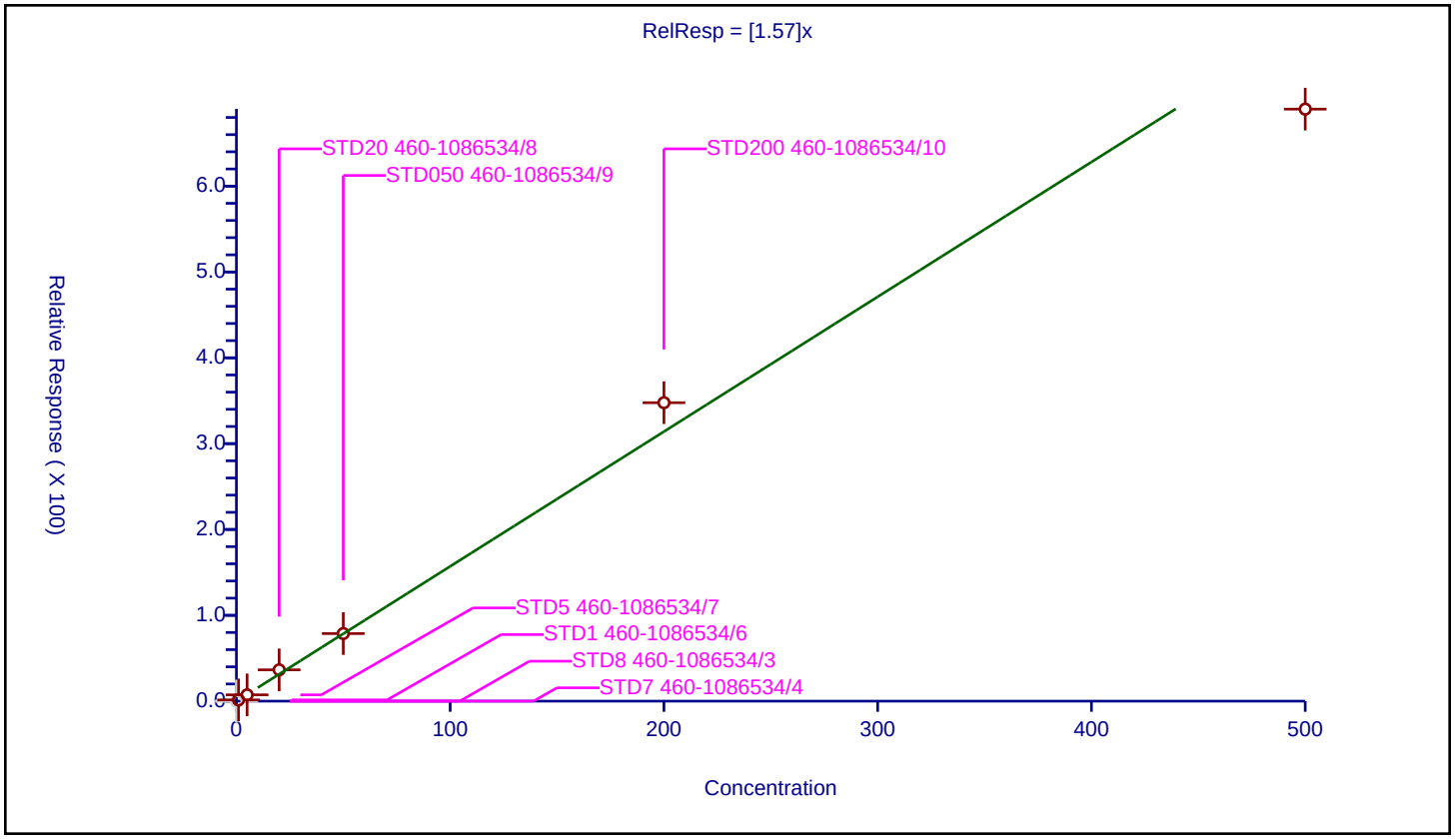
Curve Coefficients

Intercept:	0
Slope:	1.57

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	1.43931	50.0	262070.0	1.43931	Y
4	STD5 460-1086534/7	5.0	7.326257	50.0	263593.0	1.465251	Y
5	STD20 460-1086534/8	20.0	36.477708	50.0	246297.0	1.823885	Y
6	STD050 460-1086534/9	50.0	78.748395	50.0	277292.0	1.574968	Y
7	STD200 460-1086534/10	200.0	347.706043	50.0	294404.0	1.73853	Y
8	STD500 460-1086534/11	500.0	689.72822	50.0	346162.0	1.379456	Y



2/5/2026
8:39:33 AM

Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

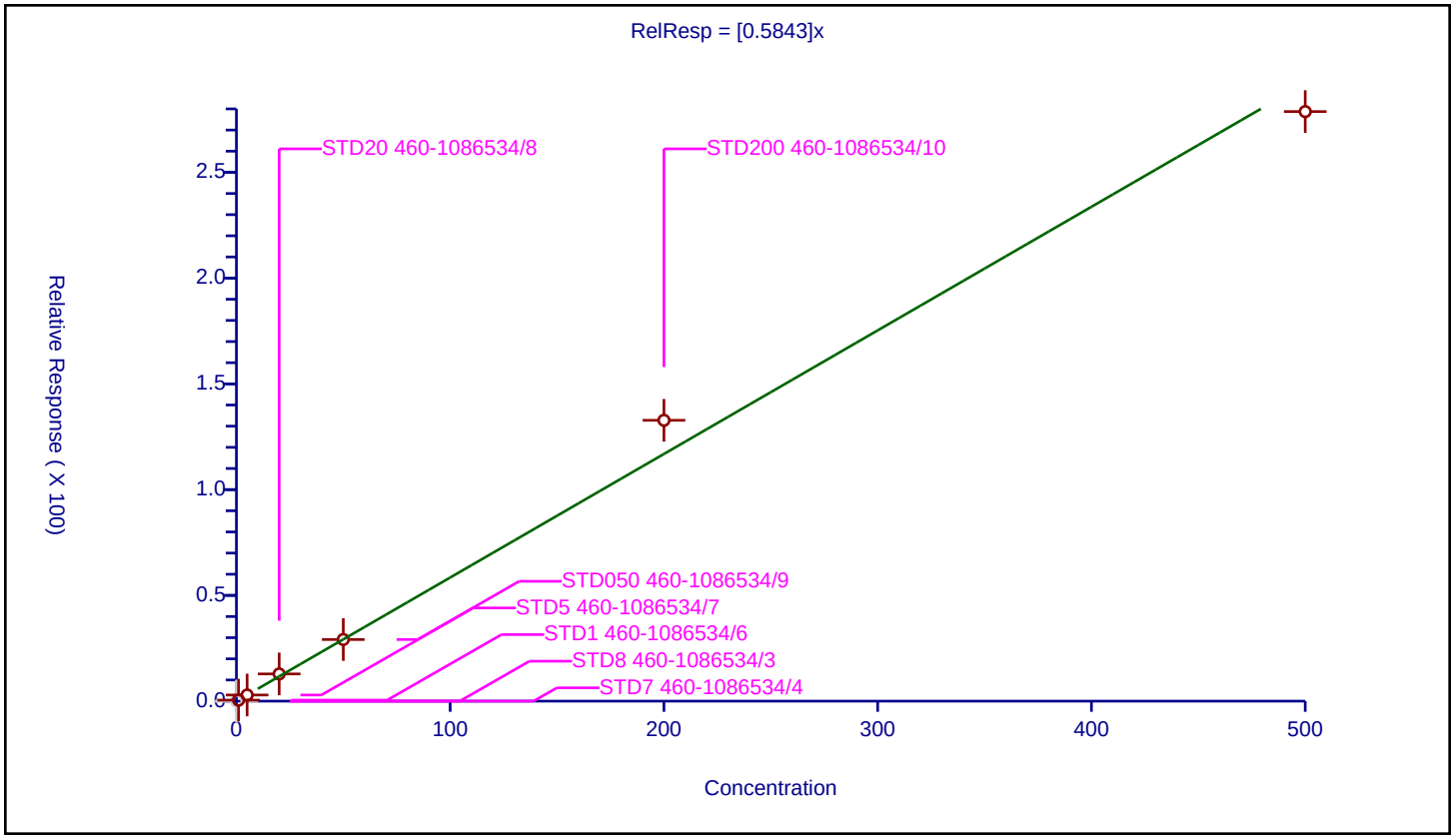
Curve Coefficients

Intercept:	0
Slope:	0.5843

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	0.478117	50.0	262070.0	0.478117	Y
4	STD5 460-1086534/7	5.0	2.90296	50.0	263593.0	0.580592	Y
5	STD20 460-1086534/8	20.0	12.856632	50.0	246297.0	0.642832	Y
6	STD050 460-1086534/9	50.0	29.135532	50.0	277292.0	0.582711	Y
7	STD200 460-1086534/10	200.0	132.778087	50.0	294404.0	0.66389	Y
8	STD500 460-1086534/11	500.0	278.731779	50.0	346162.0	0.557464	Y



2/5/2026
8:39:33 AM

Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

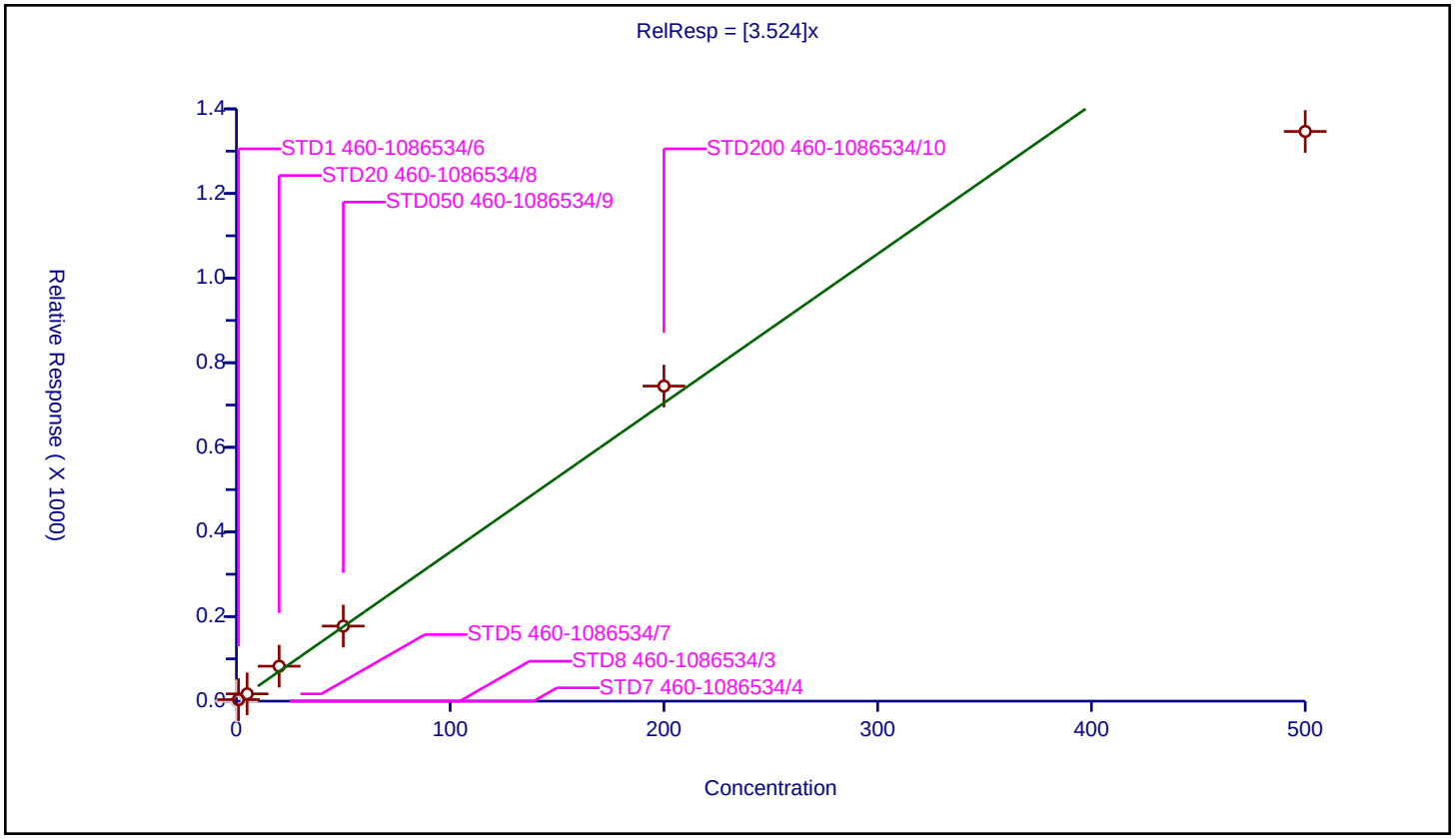
Curve Coefficients

Intercept:	0
Slope:	3.524

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	3.601137	50.0	262070.0	3.601137	Y
4	STD5 460-1086534/7	5.0	17.238887	50.0	263593.0	3.447777	Y
5	STD20 460-1086534/8	20.0	82.61002	50.0	246297.0	4.130501	Y
6	STD050 460-1086534/9	50.0	177.429569	50.0	277292.0	3.548591	Y
7	STD200 460-1086534/10	200.0	744.794738	50.0	294404.0	3.723974	Y
8	STD500 460-1086534/11	500.0	1346.696489	50.0	346162.0	2.693393	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

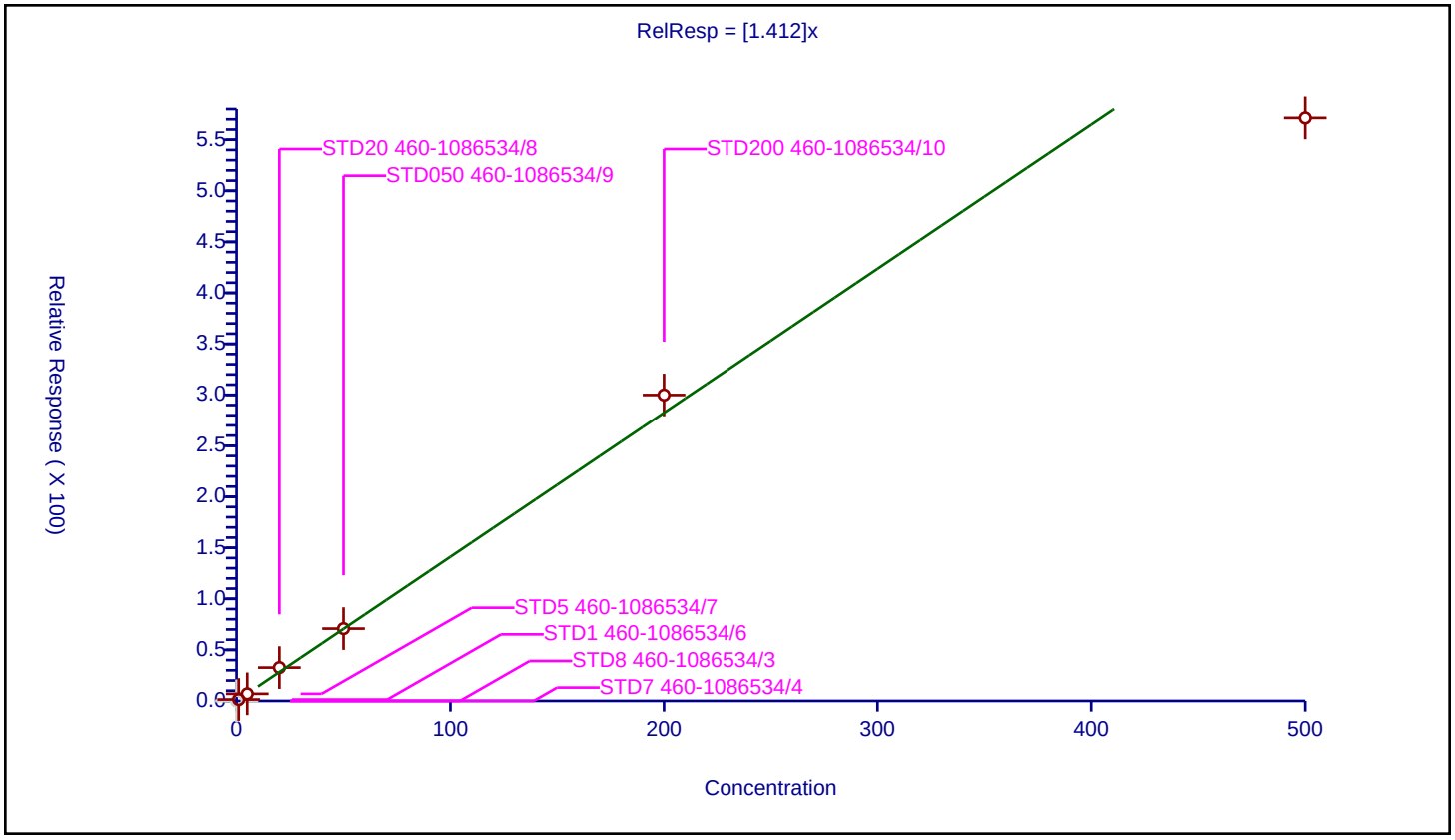
Curve Coefficients

Intercept:	0
Slope:	1.412

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1086534/4	0.0	0.0	50.0	254824.0	NaN	N
2	STD8 460-1086534/3	0.2	0.0	50.0	250526.0	0.0	N
3	STD1 460-1086534/6	1.0	1.390468	50.0	262070.0	1.390468	Y
4	STD5 460-1086534/7	5.0	6.962249	50.0	263593.0	1.39245	Y
5	STD20 460-1086534/8	20.0	32.641892	50.0	246297.0	1.632095	Y
6	STD050 460-1086534/9	50.0	70.817946	50.0	277292.0	1.416359	Y
7	STD200 460-1086534/10	200.0	299.866	50.0	294404.0	1.49933	Y
8	STD500 460-1086534/11	500.0	571.347953	50.0	346162.0	1.142696	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Lab Sample ID: ICV 460-1086534/17 Calibration Date: 01/21/2026 04:52

Instrument ID: CVOAMS6 Calib Start Date: 01/21/2026 00:00

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/21/2026 02:46

Lab File ID: F59236.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4171	0.6061	0.1000	29.1	20.0	45.0*	30.0
Chloromethane	Ave	0.5105	0.5999	0.0050	23.5	20.0	18.0	30.0
Butadiene	Ave	0.3948	0.5279		26.7	20.0	34.0*	30.0
Vinyl chloride	Ave	0.5255	0.6210	0.0050	23.6	20.0	18.0	30.0
Bromomethane	Ave	0.4029	0.4676	0.0050	23.2	20.0	16.0	30.0
Chloroethane	Ave	0.2723	0.3024	0.0050	22.2	20.0	11.0	30.0
Dichlorofluoromethane	Ave	0.7716	0.8108		21.0	20.0	5.0	30.0
Pentane	Ave	0.6844	0.8808		51.5	40.0	29.0	30.0
Trichlorofluoromethane	Ave	0.4958	0.5839	0.1000	23.6	20.0	18.0	30.0
Ethanol	Ave	0.0679	0.0622		733	800	-8.0	30.0
Ethyl ether	Lin2		0.2195		19.4	20.0	-3.0	30.0
2-Methyl-1,3-butadiene	Ave	0.2236	0.2518		22.5	20.0	13.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3168	0.3199		20.2	20.0	1.0	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5591	0.5633		20.2	20.0	1.0	30.0
Acrolein	Ave	0.4916	0.4677		37.6	39.5	-5.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3557	0.3799	0.1000	21.4	20.0	7.0	30.0
1,1-Dichloroethene	Ave	0.3341	0.3230	0.1000	19.3	20.0	-3.0	30.0
Acetone	Ave	0.8292	0.7313	0.0010	88.2	100	-12.0	30.0
Iodomethane	Ave	0.5977	0.5599		18.7	20.0	-6.0	30.0
Isopropyl alcohol	Ave	0.7400	0.6677		180	200	-10.0	30.0
Carbon disulfide	Ave	1.316	1.288	0.1000	19.6	20.0	-2.0	30.0
3-Chloro-1-propene	Ave	0.4753	0.4504		19.0	20.0	-5.0	30.0
Methyl acetate	Ave	8.079	8.757	0.0500	43.4	40.0	8.0	30.0
Cyclopentene	Ave	0.8163	0.6538		16.0	20.0	-20.0	30.0
Acetonitrile	Ave	1.709	2.105		246	200	23.0	30.0
Methylene Chloride	Ave	0.3876	0.3639	0.1000	18.8	20.0	-6.0	30.0
2-Methyl-2-propanol	Ave	1.238	1.190		192	200	-4.0	30.0
Methyl tert-butyl ether	Ave	0.8892	0.8579	0.1000	19.3	20.0	-4.0	30.0
trans-1,2-Dichloroethene	Ave	0.3520	0.3262	0.1000	18.5	20.0	-7.0	30.0
Acrylonitrile	Ave	0.0740	0.0719		194	200	-3.0	30.0
Hexane	Ave	0.2635	0.2666		20.2	20.0	1.0	30.0
Isopropyl ether	Ave	1.034	0.9880		19.1	20.0	-4.0	30.0
1,1-Dichloroethane	Ave	0.5855	0.5801	0.2000	19.8	20.0	-1.0	30.0
Vinyl acetate	Ave	0.0482	0.0472		39.2	40.0	-2.0	30.0
2-Chloro-1,3-butadiene	Ave	0.3080	0.2939		19.1	20.0	-5.0	30.0
Tert-butyl ethyl ether	Ave	0.9747	0.9176		18.8	20.0	-6.0	30.0
2,2-Dichloropropane	Ave	0.1396	0.1329		19.0	20.0	-5.0	30.0
cis-1,2-Dichloroethene	Ave	0.4028	0.3668	0.1000	18.2	20.0	-9.0	30.0
Ethyl acetate	Ave	1.470	1.583		43.1	40.0	8.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Lab Sample ID: ICV 460-1086534/17 Calibration Date: 01/21/2026 04:52

Instrument ID: CVOAMS6 Calib Start Date: 01/21/2026 00:00

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/21/2026 02:46

Lab File ID: F59236.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Butanone (MEK)	Ave	0.3864	0.3629	0.0100	93.9	100	-6.0	30.0
Methyl acrylate	Ave	0.2196	0.2140		19.5	20.0	-3.0	30.0
Propionitrile	Ave	1.595	1.626		204	200	2.0	30.0
Chlorobromomethane	Ave	0.1662	0.1578		19.0	20.0	-5.0	30.0
Tetrahydrofuran	Ave	4.796	5.153		43.0	40.0	7.0	30.0
Methacrylonitrile	Ave	0.0978	0.0923		189	200	-6.0	30.0
Chloroform	Ave	0.5746	0.5348	0.2000	18.6	20.0	-7.0	30.0
Cyclohexane	Ave	0.5639	0.6014	0.1000	21.3	20.0	7.0	30.0
1,1,1-Trichloroethane	Ave	0.5418	0.5156	0.1000	19.0	20.0	-5.0	30.0
Carbon tetrachloride	Ave	0.4369	0.4185	0.1000	19.2	20.0	-4.0	30.0
1,1-Dichloropropene	Ave	0.4637	0.4323		18.6	20.0	-7.0	30.0
Isobutyl alcohol	QuaF		0.5323		589	500	18.0	30.0
Isooctane	Lin2		1.221		19.7	20.0	-2.0	30.0
Benzene	Ave	2.044	2.030	0.5000	19.9	20.0	-1.0	30.0
Isopropyl acetate	Ave	0.2706	0.2611		19.3	20.0	-4.0	30.0
Tert-amyl methyl ether	Ave	1.060	0.9933		18.7	20.0	-6.0	30.0
1,2-Dichloroethane	Ave	0.3588	0.3314	0.1000	18.5	20.0	-8.0	30.0
n-Heptane	Ave	0.2371	0.2620		22.1	20.0	11.0	30.0
Trichloroethene	Ave	0.3441	0.3151	0.2000	18.3	20.0	-8.0	30.0
n-Butanol	Ave	0.2238	0.0815		182	500	-64.0*	30.0
Ethyl acrylate	Ave	0.6976	0.7068		20.3	20.0	1.0	30.0
Methylcyclohexane	Ave	0.6359	0.6513	0.1000	20.5	20.0	2.0	30.0
1,2-Dichloropropane	Ave	0.3781	0.3446	0.1000	18.2	20.0	-9.0	30.0
Methyl methacrylate	Lin2		0.0623		36.0	40.0	-10.0	30.0
1,4-Dioxane	Ave	1.340	1.521		454	400	13.0	30.0
Dibromomethane	Ave	0.1990	0.1773		17.8	20.0	-11.0	30.0
n-Propyl acetate	Ave	0.2965	0.2591		17.5	20.0	-13.0	30.0
Dichlorobromomethane	Ave	0.4304	0.4078	0.2000	18.9	20.0	-5.0	30.0
2-Nitropropane	Ave	0.0507	0.0419		33.1	40.0	-17.0	30.0
2-Chloroethyl vinyl ether	Ave	0.1694	0.1485		17.5	20.0	-12.0	30.0
Epichlorohydrin	QuaF		1.119		14.7	20.0	-26.0	30.0
cis-1,3-Dichloropropene	Ave	0.7943	0.7614	0.2000	19.2	20.0	-4.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	3.091	3.098	0.0500	100	100	0.0	30.0
Toluene	Ave	2.076	2.048	0.4000	19.7	20.0	-1.0	30.0
trans-1,3-Dichloropropene	Ave	0.5889	0.6241	0.1000	21.2	20.0	6.0	30.0
Ethyl methacrylate	Ave	0.5114	0.5049		19.7	20.0	-1.0	30.0
1,1,2-Trichloroethane	Ave	0.3163	0.3341	0.1000	21.1	20.0	6.0	30.0
Tetrachloroethene	Ave	0.4540	0.4168	0.2000	18.4	20.0	-8.0	30.0
1,3-Dichloropropane	Ave	0.6211	0.6256		20.1	20.0	1.0	30.0
2-Hexanone	Lin		6.909	0.0500	84.6	100	-15.0	30.0
n-Butyl acetate	Ave	0.4969	0.5127		20.6	20.0	3.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Lab Sample ID: ICV 460-1086534/17 Calibration Date: 01/21/2026 04:52

Instrument ID: CVOAMS6 Calib Start Date: 01/21/2026 00:00

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/21/2026 02:46

Lab File ID: F59236.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.4292	0.4039	0.1000	18.8	20.0	-6.0	30.0
Ethylene Dibromide	Ave	0.3775	0.3631	0.1000	19.2	20.0	-4.0	30.0
Chlorobenzene	Ave	1.261	1.251	0.5000	19.8	20.0	-1.0	30.0
Ethylbenzene	Ave	0.7476	0.7274	0.1000	19.5	20.0	-3.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.5043	0.4852		19.2	20.0	-4.0	30.0
m-Xylene & p-Xylene	Ave	0.9091	0.8916	0.1000	19.6	20.0	-2.0	30.0
n-Butyl acrylate	Qua2		0.3401		20.6	20.0	3.0	30.0
o-Xylene	Ave	0.9437	0.9402	0.3000	19.9	20.0	0.0	30.0
Styrene	Ave	1.390	1.460	0.3000	21.0	20.0	5.0	30.0
Bromoform	Ave	0.2271	0.2191	0.1000	19.3	20.0	-4.0	30.0
Amyl acetate (mixed isomers)	Ave	1.187	1.155		19.5	20.0	-3.0	30.0
Isopropylbenzene	Ave	2.202	2.371	0.1000	21.5	20.0	8.0	30.0
Bromobenzene	Ave	0.9277	0.9057		19.5	20.0	-2.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9453	0.9349	0.3000	19.8	20.0	-1.0	30.0
N-Propylbenzene	Ave	4.978	5.225		21.0	20.0	5.0	30.0
1,2,3-Trichloropropane	Ave	0.2479	0.2258		18.2	20.0	-9.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1885	0.1753		18.6	20.0	-7.0	30.0
2-Chlorotoluene	Ave	3.504	3.623		20.7	20.0	3.0	30.0
4-Ethyltoluene	Ave	4.007	4.151		20.7	20.0	4.0	30.0
1,3,5-Trimethylbenzene	Ave	3.727	3.876		20.8	20.0	4.0	30.0
4-Chlorotoluene	Ave	3.221	3.297		20.5	20.0	2.0	30.0
Butyl Methacrylate	Ave	1.470	1.451		19.7	20.0	-1.0	30.0
tert-Butylbenzene	Ave	3.049	3.037		19.9	20.0	0.0	30.0
1,2,4-Trimethylbenzene	Ave	3.751	3.938		21.0	20.0	5.0	30.0
sec-Butylbenzene	Ave	4.828	5.102		21.1	20.0	6.0	30.0
1,3-Dichlorobenzene	Ave	1.953	1.940	0.6000	19.9	20.0	-1.0	30.0
4-Isopropyltoluene	Ave	4.066	4.085		20.1	20.0	0.0	30.0
1,4-Dichlorobenzene	Ave	2.023	2.007	0.5000	19.8	20.0	-1.0	30.0
1,2,3-Trimethylbenzene	Ave	3.940	4.080		20.7	20.0	4.0	30.0
Benzyl chloride	Ave	2.012	1.938		19.3	20.0	-4.0	30.0
Indan	Ave	3.494	3.843		22.0	20.0	10.0	30.0
p-Diethylbenzene	Ave	2.540	2.568		20.2	20.0	1.0	30.0
n-Butylbenzene	Ave	2.299	2.365		20.6	20.0	3.0	30.0
1,2-Dichlorobenzene	Ave	1.992	1.975	0.4000	19.8	20.0	-1.0	30.0
1,2,4,5-Tetramethylbenzene	Ave	4.133	4.317		20.9	20.0	4.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2001	0.1816	0.0200	18.1	20.0	-9.0	30.0
1,3,5-Trichlorobenzene	Ave	1.689	1.629		19.3	20.0	-4.0	30.0
1,2,4-Trichlorobenzene	Ave	1.570	1.629	0.2000	20.8	20.0	4.0	30.0
Hexachlorobutadiene	Ave	0.5843	0.5730		19.6	20.0	-2.0	30.0
Naphthalene	Ave	3.524	3.517		20.0	20.0	0.0	30.0
1,2,3-Trichlorobenzene	Ave	1.412	1.432		20.3	20.0	1.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Lab Sample ID: ICV 460-1086534/17 Calibration Date: 01/21/2026 04:52

Instrument ID: CVOAMS6 Calib Start Date: 01/21/2026 00:00

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/21/2026 02:46

Lab File ID: F59236.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2370	0.2332		49.2	50.0	-2.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2257	0.2265		50.2	50.0	0.0	30.0
Toluene-d8 (Surr)	Ave	1.375	1.416		51.5	50.0	3.0	30.0
4-Bromofluorobenzene	Ave	0.3609	0.3545		49.1	50.0	-2.0	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59236.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 21-Jan-2026 04:52:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0201827-017
Operator ID: Instrument ID: CVOAMS6
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Jan-2026 11:21:40 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: NN6A Date: 24-Jan-2026 11:32:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.200	1.208	-0.008	73	191914	20.0	29.1	M
2 Chloromethane	50	1.340	1.356	-0.016	99	189956	20.0	23.5	
4 Butadiene	54	1.406	1.414	-0.008	95	167151	20.0	26.7	
3 Vinyl chloride	62	1.422	1.430	-0.008	97	196646	20.0	23.6	
5 Bromomethane	94	1.628	1.636	-0.008	99	148060	20.0	23.2	
6 Chloroethane	64	1.677	1.693	-0.016	98	95749	20.0	22.2	
7 Dichlorofluoromethane	67	1.817	1.833	-0.016	99	256734	20.0	21.0	
9 Pentane	72	1.849	1.857	-0.008	96	34692	40.0	51.5	
8 Trichlorofluoromethane	101	1.849	1.866	-0.017	59	184892	20.0	23.6	
10 Ethanol	46	1.989	1.997	-0.008	67	12167	800.0	733.0	
11 Ethyl ether	59	1.989	2.005	-0.016	93	69488	20.0	19.4	
12 2-Methyl-1,3-butadiene	53	2.014	2.022	-0.008	94	79716	20.0	22.5	
13 1,2-Dichloro-1,1,2-trifluoroetha	117	2.047	2.055	-0.008	92	101286	20.0	20.2	
14 1,1,1-Trifluoro-2,2-dichloroetha	83	2.088	2.088	0.000	92	178369	20.0	20.2	
16 Acrolein	56	2.137	2.145	-0.008	81	18191	39.5	37.6	
15 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.153	2.161	-0.008	90	120290	20.0	21.4	a
17 1,1-Dichloroethene	96	2.170	2.178	-0.008	95	102278	20.0	19.3	
18 Acetone	43	2.227	2.244	-0.017	89	72009	100.0	88.2	
20 Iodomethane	142	2.293	2.301	-0.008	97	177294	20.0	18.7	
19 Isopropyl alcohol	45	2.310	2.309	0.001	45	32635	200.0	180.5	
21 Carbon disulfide	76	2.326	2.334	-0.008	98	407809	20.0	19.6	
23 3-Chloro-1-propene	39	2.425	2.433	-0.008	94	142629	20.0	19.0	
22 Methyl acetate	43	2.425	2.433	-0.008	58	85599	40.0	43.4	
24 Cyclopentene	67	2.441	2.449	-0.008	92	207023	20.0	16.0	a
32 Acetonitrile	41	2.490	2.498	-0.008	93	102864	200.0	246.3	a
* 25 TBA-d9 (IS)	65	2.515	2.523	-0.008	100	244371	1000.0	1000.0	
26 Methylene Chloride	84	2.531	2.539	-0.008	90	115211	20.0	18.8	
27 2-Methyl-2-propanol	59	2.581	2.581	0.000	32	58162	200.0	192.2	a
28 Methyl tert-butyl ether	73	2.655	2.663	-0.008	96	271644	20.0	19.3	
29 trans-1,2-Dichloroethene	96	2.688	2.696	-0.008	94	103302	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	2.745	2.753	-0.008	97	227699	200.0	194.3	
31 Hexane	43	2.811	2.819	-0.008	90	84421	20.0	20.2	
33 Isopropyl ether	45	2.983	2.991	-0.008	96	312832	20.0	19.1	
35 1,1-Dichloroethane	63	3.016	3.024	-0.008	99	183673	20.0	19.8	
34 Vinyl acetate	86	3.024	3.032	-0.008	100	29871	40.0	39.2	
36 2-Chloro-1,3-butadiene	88	3.057	3.065	-0.008	86	93075	20.0	19.1	
37 Tert-butyl ethyl ether	59	3.254	3.254	0.000	90	290547	20.0	18.8	
* 38 2-Butanone-d5	46	3.427	3.435	-0.008	87	246176	250.0	250.0	
39 2,2-Dichloropropane	97	3.443	3.443	0.000	92	42077	20.0	19.0	
41 cis-1,2-Dichloroethene	96	3.468	3.468	0.000	98	116139	20.0	18.2	
40 Ethyl acetate	70	3.468	3.484	-0.016	94	15478	40.0	43.1	
42 2-Butanone (MEK)	72	3.476	3.484	-0.008	96	35737	100.0	93.9	
43 Methyl acrylate	55	3.526	3.542	-0.016	98	44836	20.0	19.5	
44 Propionitrile	54	3.600	3.599	0.001	96	79452	200.0	203.9	a
46 Tetrahydrofuran	42	3.665	3.665	0.000	54	50372	40.0	43.0	
45 Chlorobromomethane	128	3.665	3.673	-0.008	86	49964	20.0	19.0	
47 Methacrylonitrile	67	3.674	3.682	-0.008	89	292352	200.0	188.8	
48 Chloroform	83	3.706	3.714	-0.008	99	169347	20.0	18.6	
49 Cyclohexane	84	3.821	3.830	-0.009	88	190445	20.0	21.3	
51 1,1,1-Trichloroethane	97	3.838	3.838	0.000	94	163254	20.0	19.0	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	96	184577	50.0	49.2	
52 Carbon tetrachloride	117	3.936	3.945	-0.009	97	132512	20.0	19.2	
53 1,1-Dichloropropene	75	3.969	3.969	0.000	98	136896	20.0	18.6	
134 Isooctane	57	4.117	4.117	0.000	96	386750	20.0	19.7	
54 Isobutyl alcohol	43	4.109	4.117	-0.008	88	65044	500.0	588.8	M
55 Benzene	78	4.142	4.142	0.000	95	425152	20.0	19.9	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.150	4.158	-0.008	92	179288	50.0	50.2	
57 Isopropyl acetate	87	4.191	4.199	-0.008	77	82681	20.0	19.3	
58 Tert-amyl methyl ether	73	4.191	4.199	-0.008	90	314508	20.0	18.7	
59 1,2-Dichloroethane	62	4.216	4.224	-0.008	95	104946	20.0	18.5	
60 n-Heptane	57	4.273	4.281	-0.008	88	82975	20.0	22.1	
* 61 Fluorobenzene	96	4.397	4.405	-0.008	99	791608	50.0	50.0	
63 Trichloroethene	95	4.717	4.725	-0.008	98	99790	20.0	18.3	
62 n-Butanol	56	4.742	4.774	-0.032	22	9962	500.0	182.2	
64 Ethyl acrylate	55	4.832	4.832	0.000	92	223817	20.0	20.3	
65 Methylcyclohexane	83	4.832	4.840	-0.008	91	206227	20.0	20.5	
66 1,2-Dichloropropane	63	4.980	4.988	-0.008	96	109123	20.0	18.2	
* 67 1,4-Dioxane-d8	96	5.046	5.037	0.009	44	29031	1000.0	1000.0	a
68 Methyl methacrylate	100	5.054	5.054	0.000	86	39447	40.0	36.0	
69 1,4-Dioxane	88	5.087	5.095	-0.008	82	17657	400.0	453.7	
71 Dibromomethane	93	5.103	5.111	-0.008	91	56153	20.0	17.8	
70 n-Propyl acetate	43	5.112	5.111	0.001	98	82056	20.0	17.5	
72 Dichlorobromomethane	83	5.243	5.243	0.000	99	129132	20.0	18.9	
74 2-Nitropropane	41	5.547	5.555	-0.008	84	26554	40.0	33.1	
73 2-Chloroethyl vinyl ether	63	5.563	5.563	0.000	89	47009	20.0	17.5	
75 Epichlorohydrin	57	5.687	5.662	0.025	39	5469	20.0	14.7	
76 cis-1,3-Dichloropropene	75	5.703	5.711	-0.008	89	159502	20.0	19.2	
77 4-Methyl-2-pentanone (MIBK)	43	5.859	5.859	0.000	94	305014	100.0	100.2	
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	741772	50.0	51.5	
79 Toluene	91	6.007	6.007	0.000	93	428934	20.0	19.7	
80 trans-1,3-Dichloropropene	75	6.344	6.344	0.000	96	130730	20.0	21.2	
81 Ethyl methacrylate	69	6.369	6.377	-0.008	88	105763	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	6.541	6.541	0.000	96	69976	20.0	21.1	
83 Tetrachloroethene	166	6.582	6.582	0.000	94	87302	20.0	18.4	
84 1,3-Dichloropropane	76	6.747	6.747	0.000	91	131049	20.0	20.1	
85 2-Hexanone	43	6.804	6.812	-0.008	94	168836	100.0	84.6	
86 n-Butyl acetate	43	6.927	6.927	0.000	99	107392	20.0	20.6	
87 Chlorodibromomethane	129	6.960	6.960	0.000	98	84600	20.0	18.8	
88 Ethylene Dibromide	107	7.108	7.108	0.000	98	76071	20.0	19.2	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	85	523691	50.0	50.0	
90 Chlorobenzene	112	7.667	7.667	0.000	96	262005	20.0	19.8	
91 Ethylbenzene	106	7.766	7.774	-0.008	97	152367	20.0	19.5	
92 1,1,1,2-Tetrachloroethane	131	7.782	7.782	0.000	97	101647	20.0	19.2	
93 m-Xylene & p-Xylene	106	7.922	7.922	0.000	99	186778	20.0	19.6	
95 o-Xylene	106	8.431	8.431	0.000	95	196942	20.0	19.9	
94 n-Butyl acrylate	73	8.431	8.439	-0.008	98	71239	20.0	20.6	
96 Styrene	104	8.472	8.472	0.000	97	305748	20.0	21.0	
98 Bromoform	173	8.719	8.719	0.000	94	45894	20.0	19.3	
97 Amyl acetate (mixed isomers)	43	8.727	8.727	0.000	93	129714	20.0	19.5	
99 Isopropylbenzene	105	8.858	8.858	0.000	95	496620	20.0	21.5	
$ 100 4-Bromofluorobenzene	174	9.056	9.055	0.001	86	185650	50.0	49.1	
101 Bromobenzene	156	9.179	9.179	0.000	96	101671	20.0	19.5	
102 1,1,2,2-Tetrachloroethane	83	9.236	9.236	0.000	98	104956	20.0	19.8	
103 N-Propylbenzene	91	9.253	9.253	0.000	99	586584	20.0	21.0	
104 1,2,3-Trichloropropane	110	9.277	9.269	0.008	97	25345	20.0	18.2	
105 trans-1,4-Dichloro-2-butene	53	9.294	9.302	-0.008	82	19677	20.0	18.6	a
106 2-Chlorotoluene	91	9.343	9.343	0.000	96	406722	20.0	20.7	
107 4-Ethyltoluene	105	9.360	9.359	0.001	98	466028	20.0	20.7	
108 1,3,5-Trimethylbenzene	105	9.417	9.417	0.000	94	435156	20.0	20.8	
109 4-Chlorotoluene	91	9.442	9.442	0.000	96	370082	20.0	20.5	
110 Butyl Methacrylate	87	9.508	9.507	0.001	86	162912	20.0	19.7	
111 tert-Butylbenzene	119	9.655	9.655	0.000	94	340897	20.0	19.9	
112 1,2,4-Trimethylbenzene	105	9.705	9.705	0.000	97	442027	20.0	21.0	
113 sec-Butylbenzene	105	9.812	9.811	0.001	99	572799	20.0	21.1	
115 1,3-Dichlorobenzene	146	9.910	9.910	0.000	95	217810	20.0	19.9	
114 4-Isopropyltoluene	119	9.918	9.918	0.000	98	458587	20.0	20.1	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	95	280648	50.0	50.0	
117 1,4-Dichlorobenzene	146	9.984	9.984	0.000	95	225341	20.0	19.8	
118 1,2,3-Trimethylbenzene	105	9.992	9.992	0.000	98	458034	20.0	20.7	
119 Benzyl chloride	91	10.083	10.083	0.000	99	217570	20.0	19.3	
120 2,3-Dihydroindene	117	10.124	10.124	0.000	95	431436	20.0	22.0	
121 p-Diethylbenzene	119	10.165	10.165	0.000	88	288274	20.0	20.2	
122 n-Butylbenzene	92	10.181	10.181	0.000	97	265457	20.0	20.6	
123 1,2-Dichlorobenzene	146	10.222	10.222	0.000	96	221700	20.0	19.8	
124 1,2,4,5-Tetramethylbenzene	119	10.625	10.625	0.000	97	484582	20.0	20.9	
125 1,2-Dibromo-3-Chloropropane	157	10.691	10.691	0.000	95	20383	20.0	18.1	
126 1,3,5-Trichlorobenzene	180	10.773	10.765	0.008	98	182883	20.0	19.3	
127 1,2,4-Trichlorobenzene	180	11.118	11.110	0.008	95	182917	20.0	20.8	
128 Hexachlorobutadiene	225	11.176	11.167	0.009	91	64328	20.0	19.6	
129 Naphthalene	128	11.258	11.249	0.009	99	394866	20.0	20.0	
130 1,2,3-Trichlorobenzene	180	11.397	11.389	0.008	95	160755	20.0	20.3	
S 131 1,2-Dichloroethene, Total	100				0		40.0	36.7	
S 132 Total BTEX	1				0		100.0	98.6	
S 133 Xylenes, Total	100				0		40.0	39.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00657	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00185	Amount Added:	4.00	Units: uL	
7 Freons SS_00036	Amount Added:	20.00	Units: uL	
8260 SP_00207	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00085	Amount Added:	5.00	Units: uL	Run Reagent

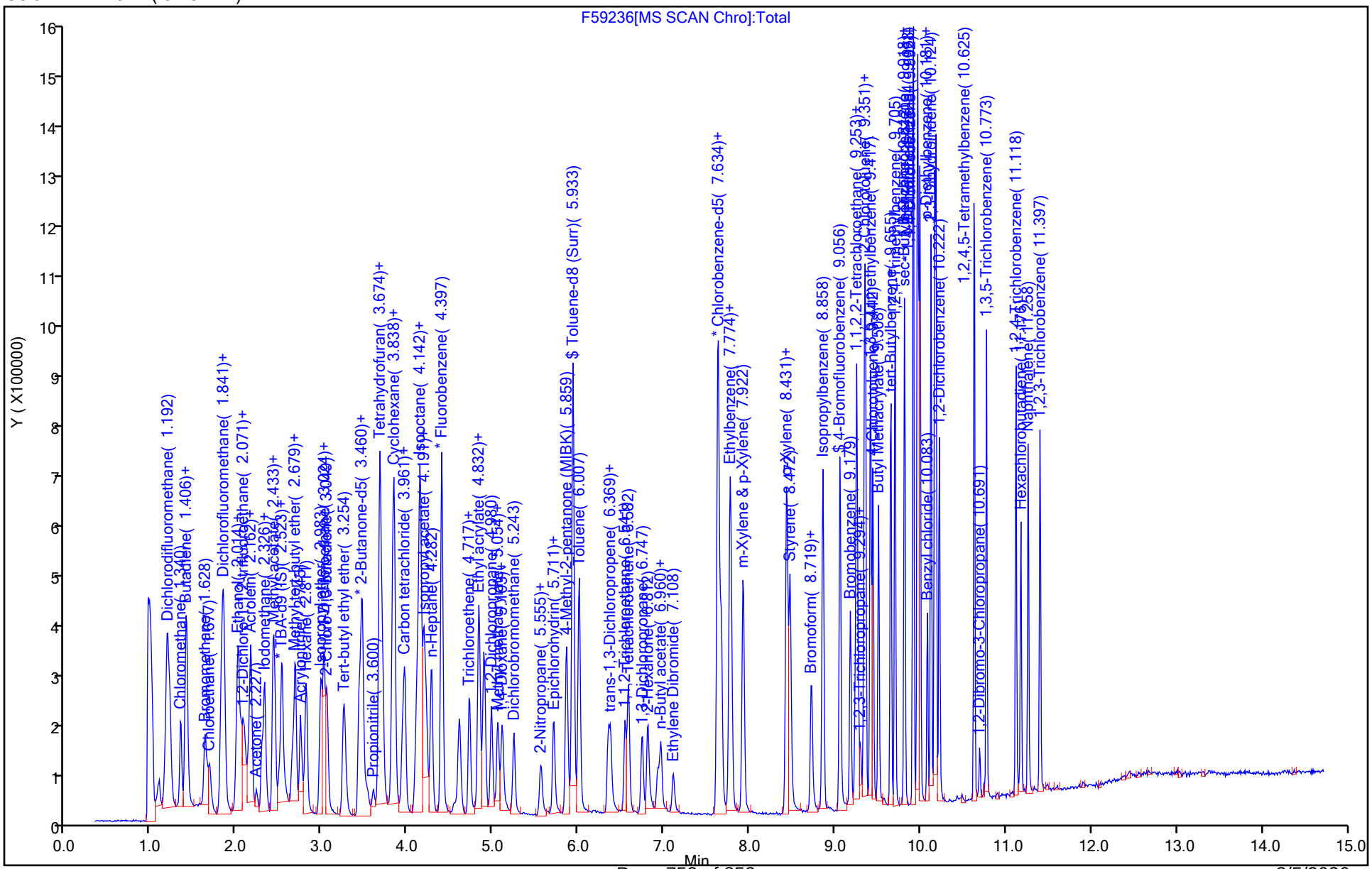
Report Date: 24-Jan-2026 11:32:30 Chrom Revision: 2.3 27-Dec-2025 13:45:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59236.D

Injection Date:	21-Jan-2026 04:52:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	17
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



2/5/2026
8:39:33 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

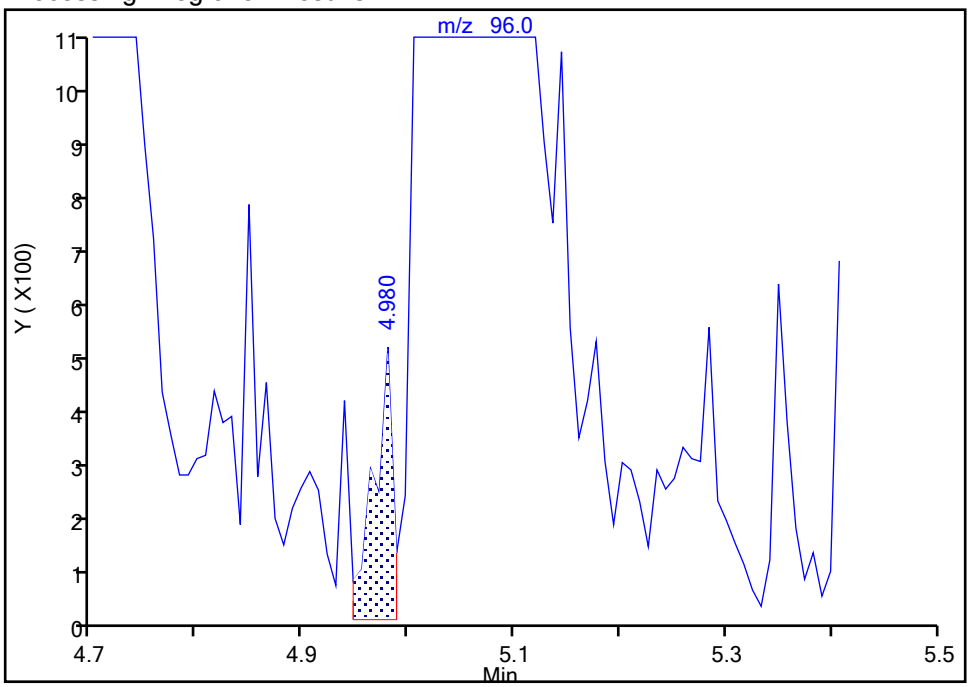
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59236.D
Injection Date: 21-Jan-2026 04:52:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

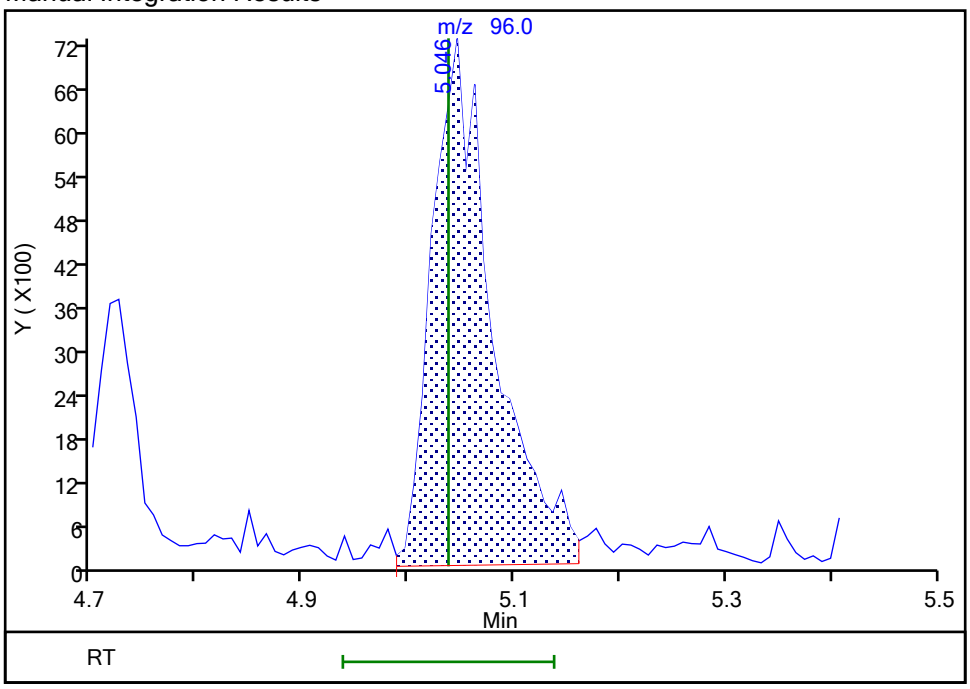
Processing Integration Results

RT: 4.98
Area: 617
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.05
Area: 29031
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 11:01:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

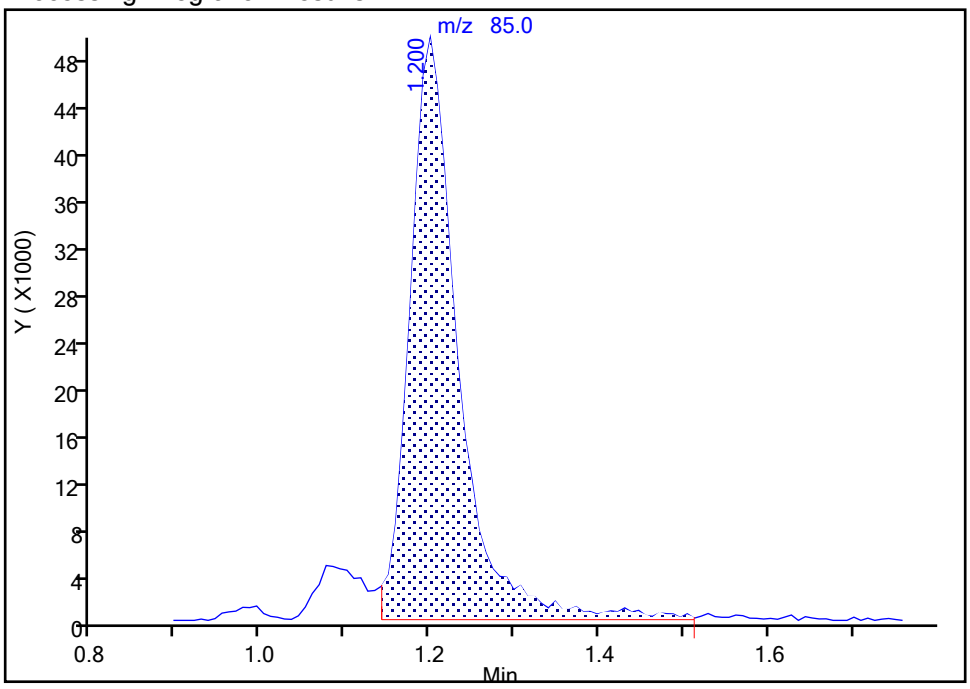
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59236.D
Injection Date: 21-Jan-2026 04:52:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

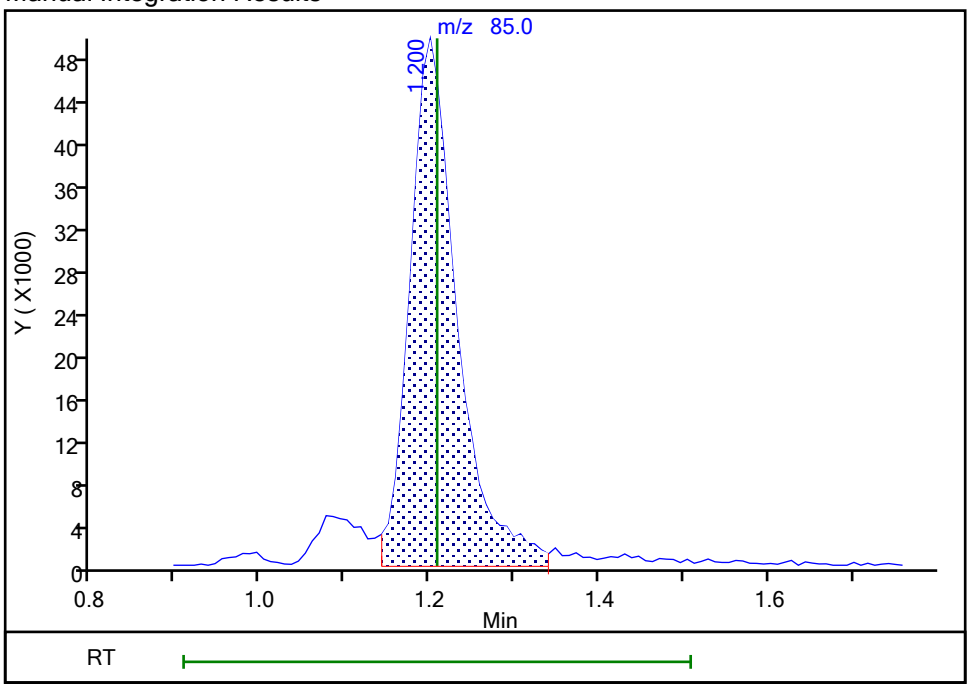
Processing Integration Results

RT: 1.20
Area: 199287
Amount: 30.181313
Amount Units: ug/l



Manual Integration Results

RT: 1.20
Area: 191914
Amount: 29.064698
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 11:04:25 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

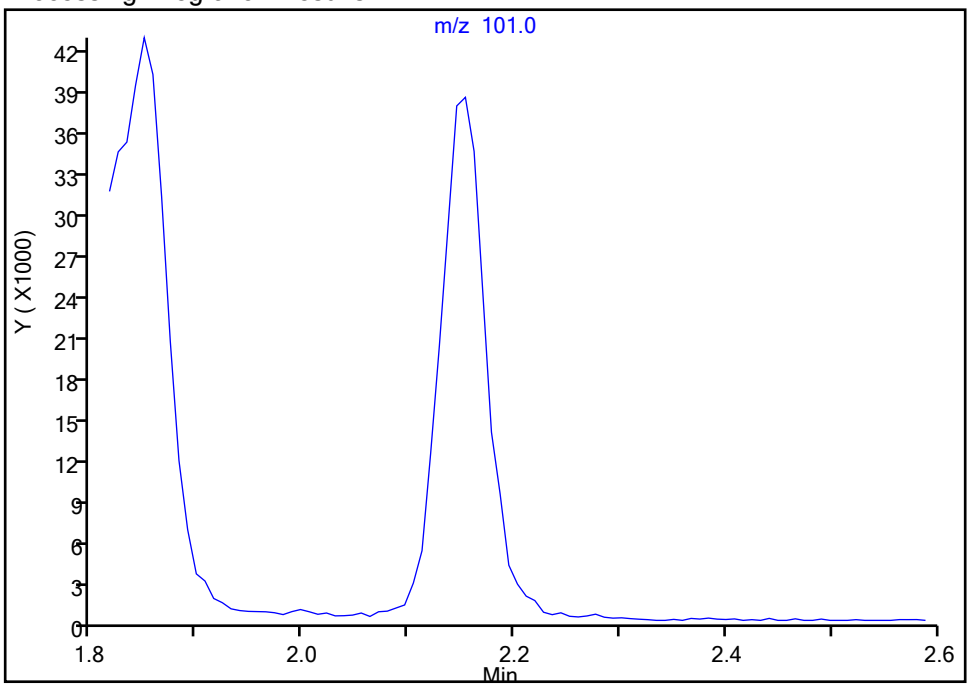
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59236.D
Injection Date: 21-Jan-2026 04:52:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

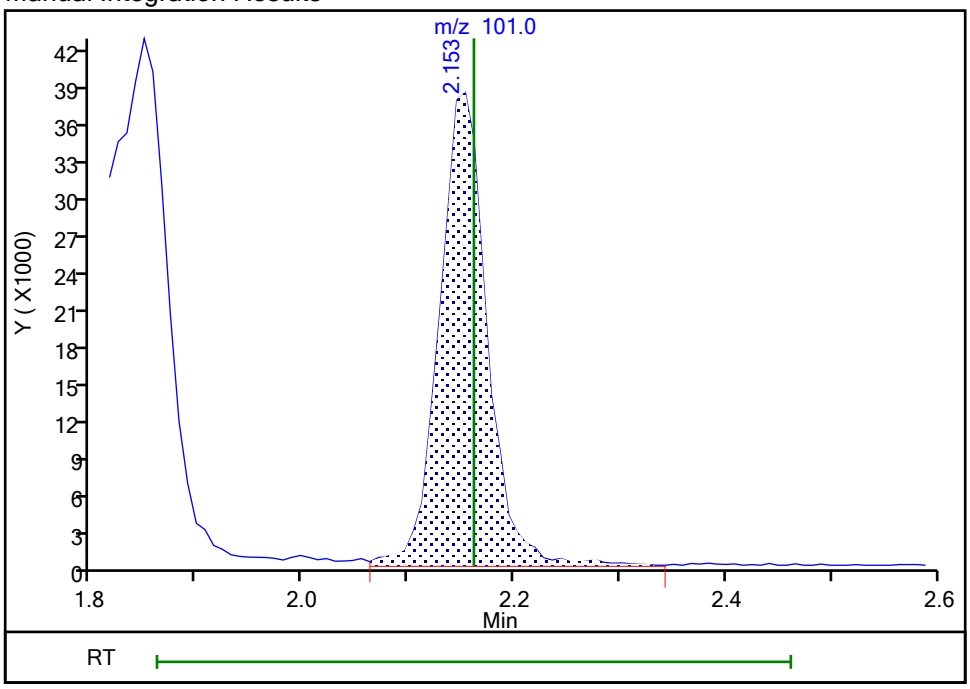
Not Detected
Expected RT: 2.16

Processing Integration Results



Manual Integration Results

RT: 2.15
Area: 120290
Amount: 21.358140
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 11:01:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

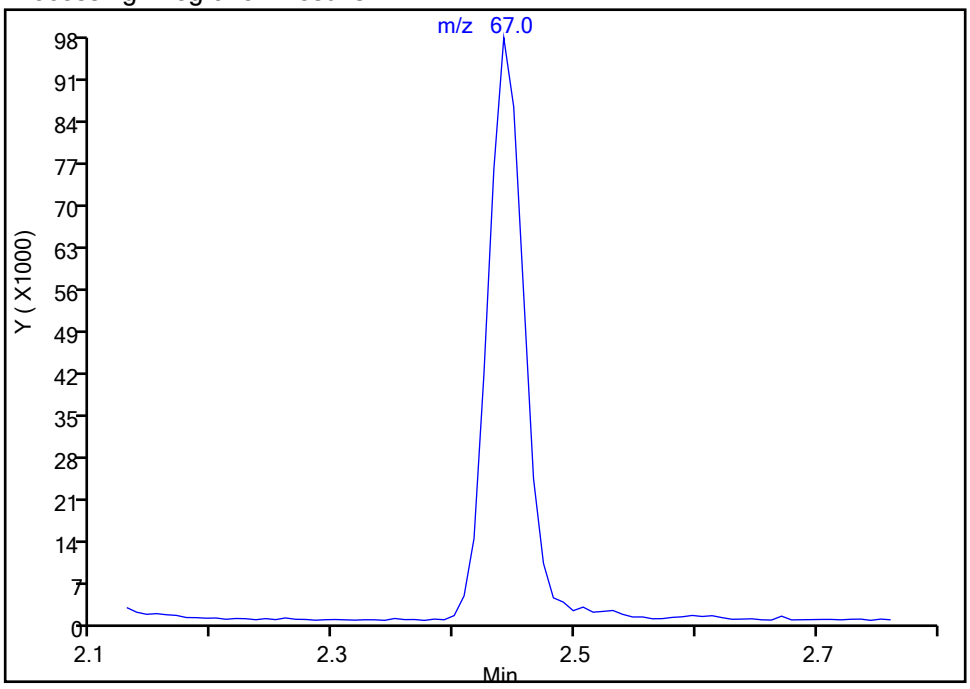
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59236.D
Injection Date: 21-Jan-2026 04:52:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Cyclopentene, CAS: 142-29-0

Signal: 1

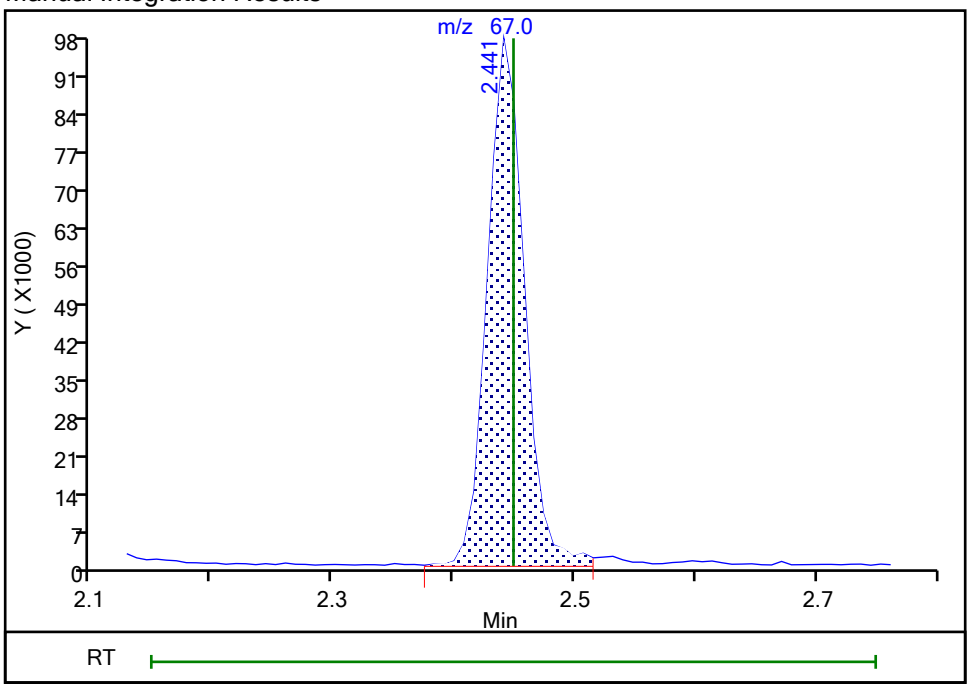
Not Detected
Expected RT: 2.45

Processing Integration Results



Manual Integration Results

RT: 2.44
Area: 207023
Amount: 16.018234
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 11:01:58 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

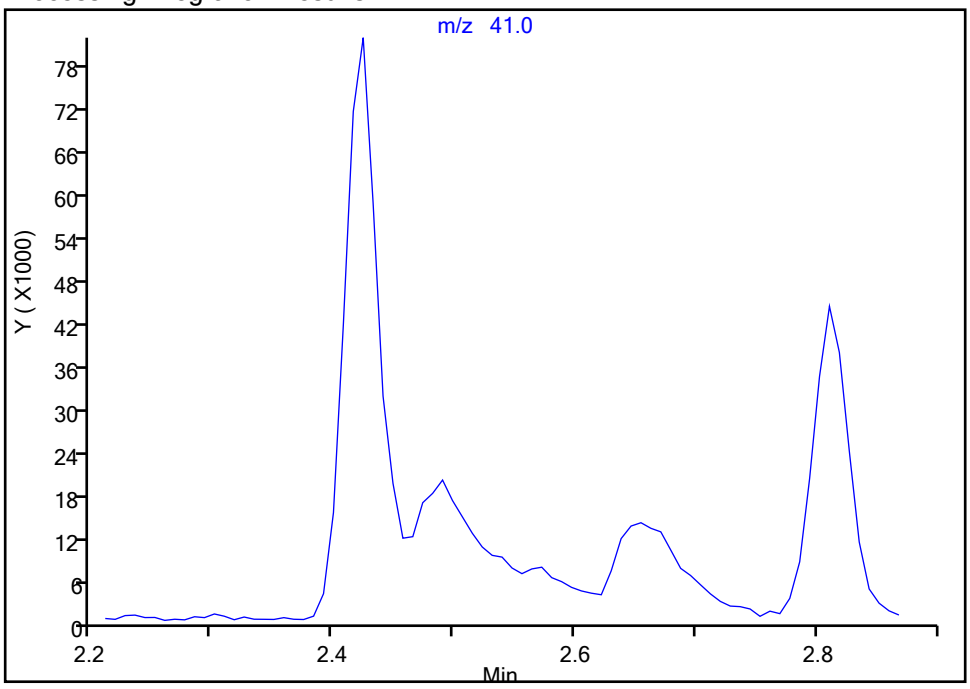
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59236.D
Injection Date: 21-Jan-2026 04:52:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Acetonitrile, CAS: 75-05-8

Signal: 1

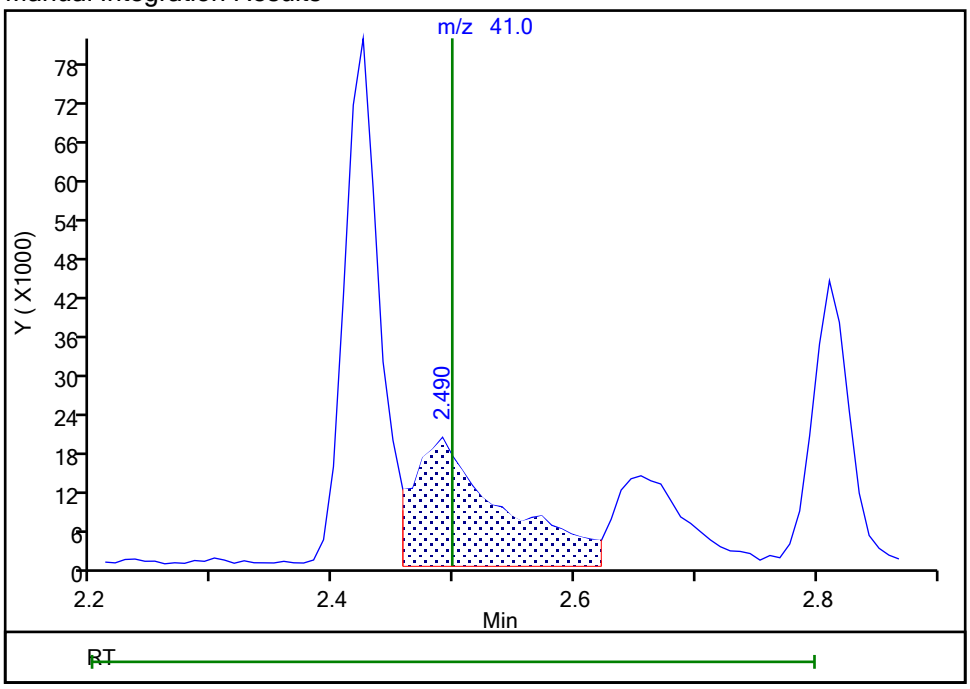
Not Detected
Expected RT: 2.50

Processing Integration Results



Manual Integration Results

RT: 2.49
Area: 102864
Amount: 246.2567
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 11:02:00 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

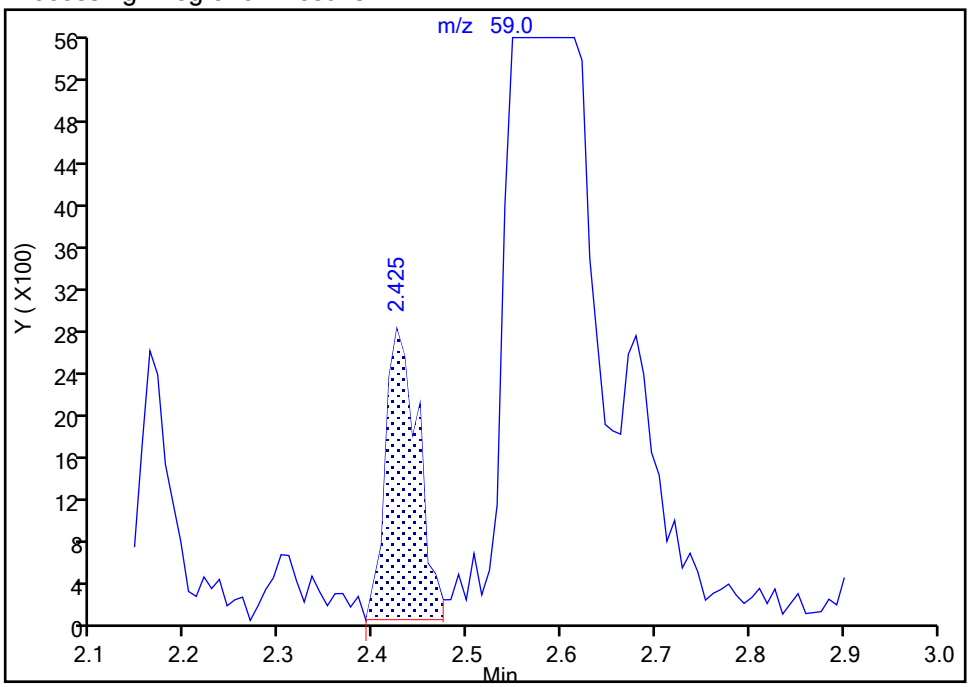
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59236.D
Injection Date: 21-Jan-2026 04:52:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

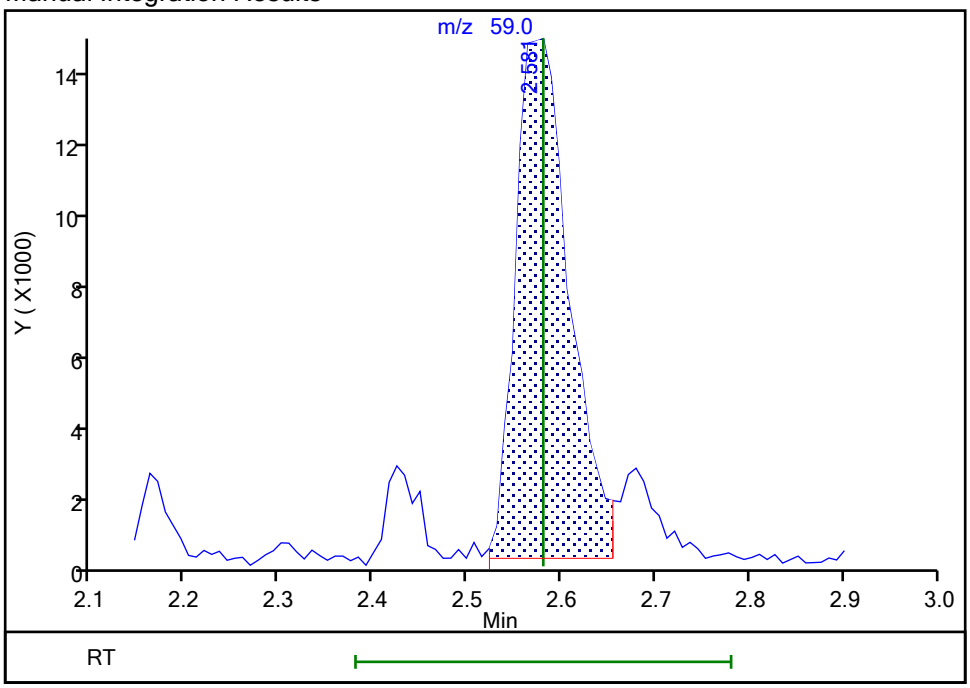
Processing Integration Results

RT: 2.42
Area: 6755
Amount: 22.325288
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 58162
Amount: 192.2255
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 11:02:05 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

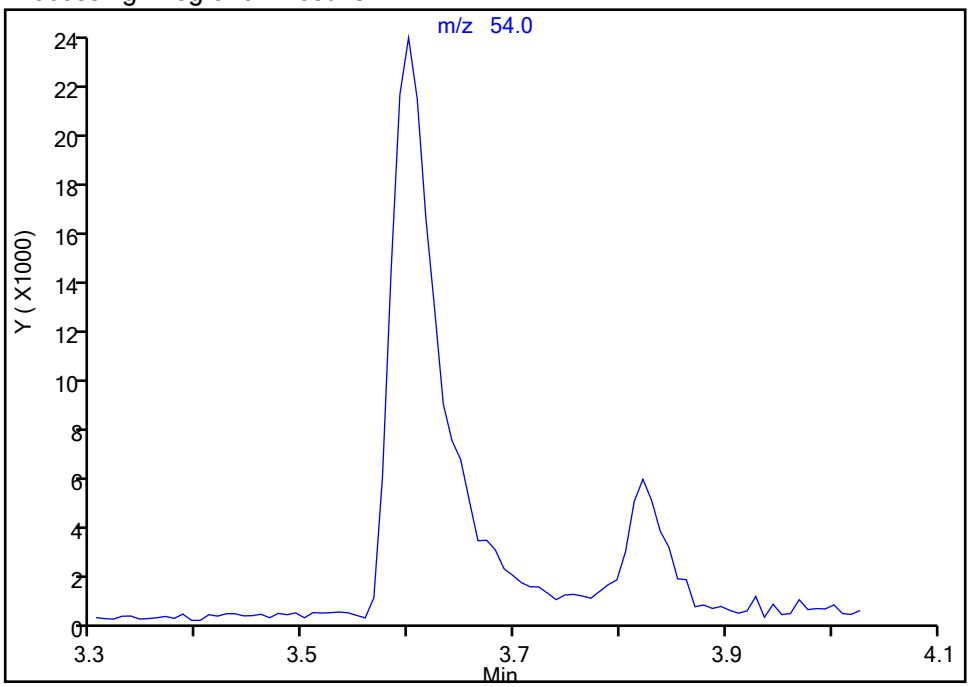
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59236.D
Injection Date: 21-Jan-2026 04:52:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

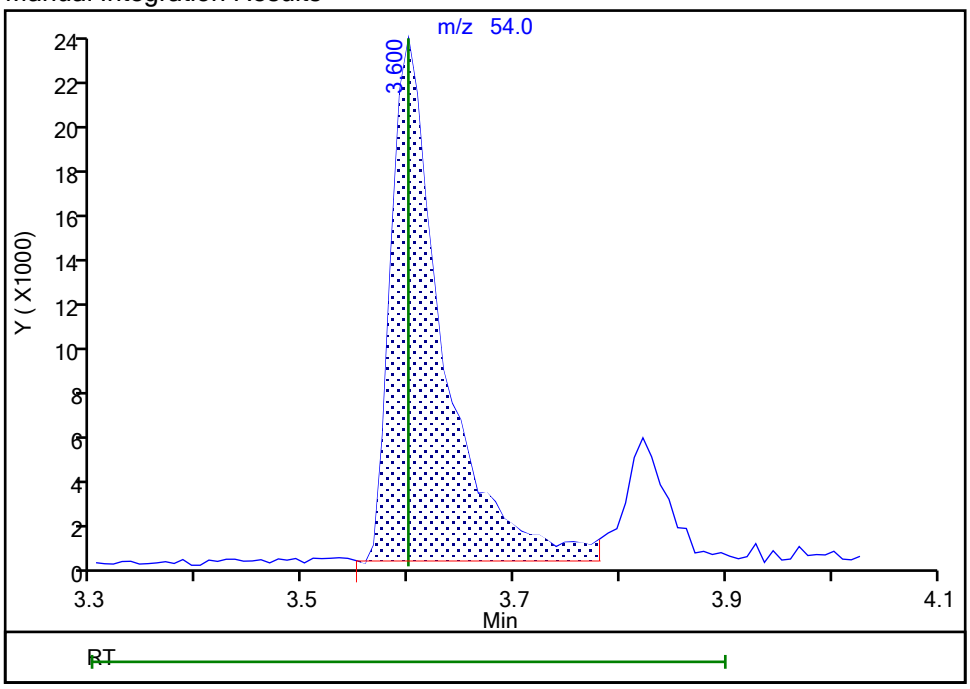
Not Detected
Expected RT: 3.60

Processing Integration Results



Manual Integration Results

RT: 3.60
Area: 79452
Amount: 203.8920
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 11:02:23 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

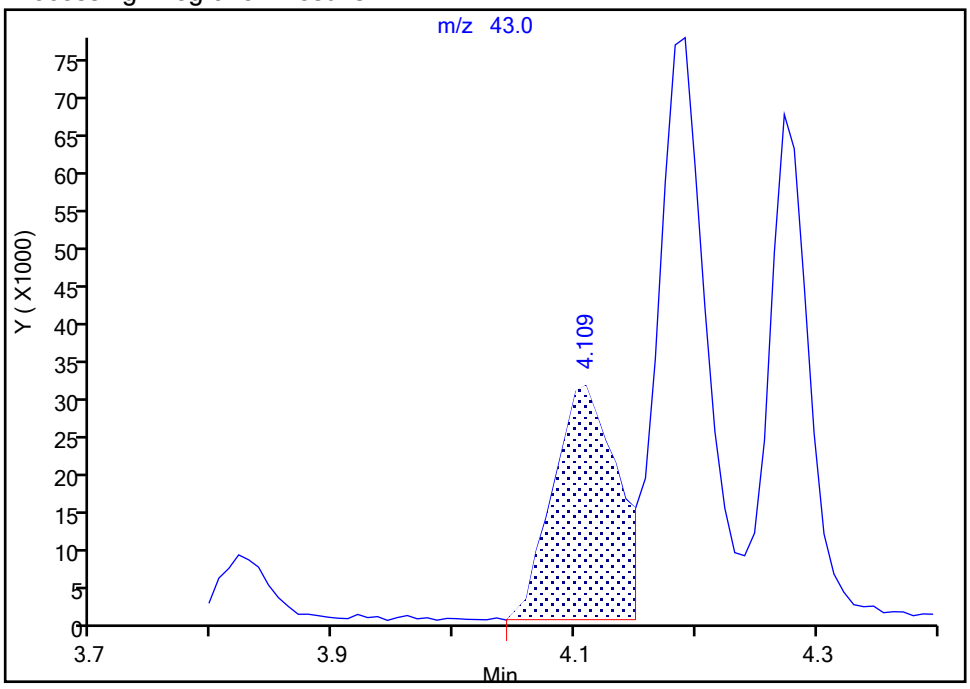
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59236.D
Injection Date: 21-Jan-2026 04:52:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

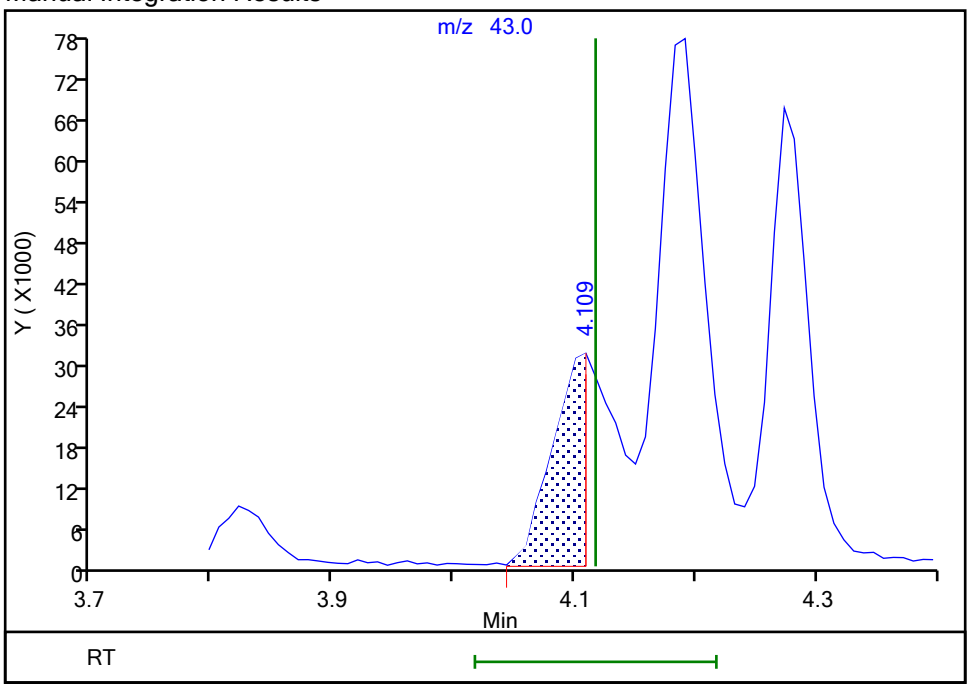
Processing Integration Results

RT: 4.11
Area: 115680
Amount: 1054.0715
Amount Units: ug/l



Manual Integration Results

RT: 4.11
Area: 65044
Amount: 588.7710
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 11:03:25 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

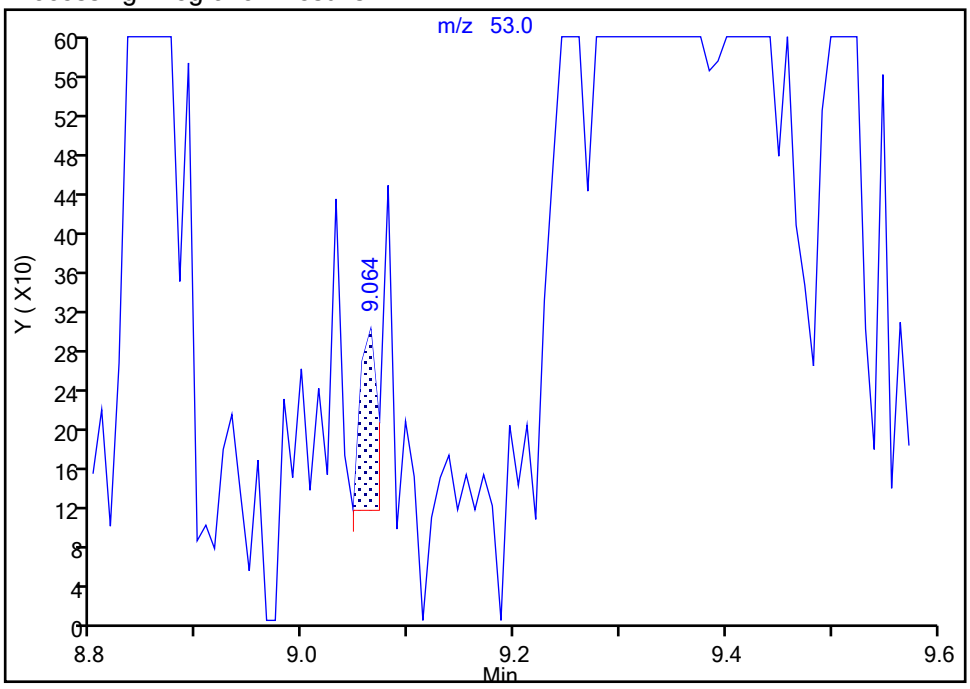
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59236.D
Injection Date: 21-Jan-2026 04:52:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

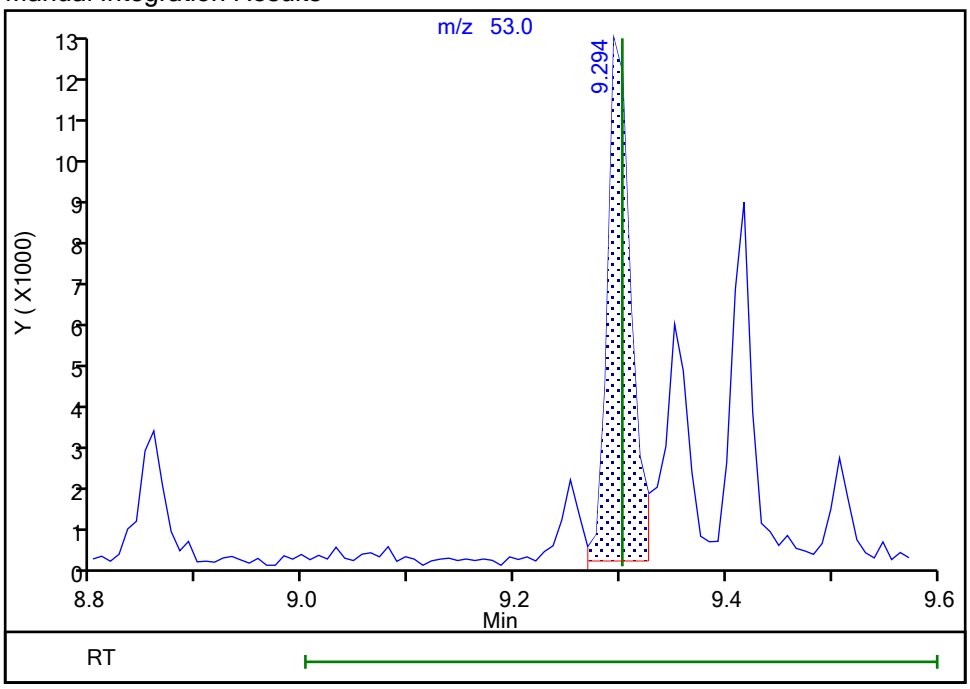
Processing Integration Results

RT: 9.06
Area: 213
Amount: 0.201282
Amount Units: ug/l



Manual Integration Results

RT: 9.29
Area: 19677
Amount: 18.594500
Amount Units: ug/l



Reviewer: NN6A, 24-Jan-2026 11:03:05 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Lab Sample ID: CCVIS 460-1088584/4 Calibration Date: 02/03/2026 07:29

Instrument ID: CVOAMS6 Calib Start Date: 01/21/2026 00:00

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/21/2026 02:46

Lab File ID: F59683.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4171	0.7206	0.1000	34.6	20.0	73.0*	20.0
Chloromethane	Ave	0.5105	0.5067	0.0050	19.8	20.0	-1.0	20.0
Butadiene	Ave	0.3948	0.3957		20.0	20.0	0.0	20.0
Vinyl chloride	Ave	0.5255	0.5446	0.0050	20.7	20.0	4.0	20.0
Bromomethane	Ave	0.4029	0.4419	0.0050	21.9	20.0	10.0	20.0
Chloroethane	Ave	0.2723	0.2497	0.0050	18.3	20.0	-8.0	20.0
Dichlorofluoromethane	Ave	0.7716	0.7504		19.4	20.0	-3.0	20.0
Pentane	Ave	0.6844	1.203		70.3	40.0	76.0*	20.0
Trichlorofluoromethane	Ave	0.4958	0.6216	0.1000	25.1	20.0	25.0*	20.0
Ethanol	Ave	0.0679	0.0485		571	800	-29.0*	20.0
Ethyl ether	Lin2		0.1833		16.1	20.0	-19.0	20.0
2-Methyl-1,3-butadiene	Ave	0.2236	0.2196		19.6	20.0	-2.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3168	0.3799		24.0	20.0	20.0	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5591	0.5581		20.0	20.0	0.0	20.0
Acrolein	Ave	0.4916	0.3427		27.9	40.0	-30.0*	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3557	0.4379	0.1000	24.6	20.0	23.0*	20.0
1,1-Dichloroethene	Ave	0.3341	0.3433	0.1000	20.6	20.0	3.0	20.0
Acetone	Ave	0.8292	0.7690	0.0010	92.7	100	-7.0	20.0
Iodomethane	Ave	0.5977	0.6781		22.7	20.0	13.0	20.0
Isopropyl alcohol	Ave	0.7400	0.6063		164	200	-18.0	20.0
Carbon disulfide	Ave	1.316	1.233	0.1000	18.7	20.0	-6.0	20.0
3-Chloro-1-propene	Ave	0.4753	0.3877		16.3	20.0	-18.0	20.0
Methyl acetate	Ave	8.079	7.113	0.0500	35.2	40.0	-12.0	20.0
Cyclopentene	Ave	0.8163	0.8131		19.9	20.0	0.0	20.0
Acetonitrile	Ave	1.709	1.497		175	200	-12.0	20.0
Methylene Chloride	Ave	0.3876	0.3659	0.1000	18.9	20.0	-6.0	20.0
2-Methyl-2-propanol	Ave	1.238	1.346		217	200	9.0	20.0
Methyl tert-butyl ether	Ave	0.8892	0.7956	0.1000	17.9	20.0	-11.0	20.0
trans-1,2-Dichloroethene	Ave	0.3520	0.3469	0.1000	19.7	20.0	-1.0	20.0
Acrylonitrile	Ave	0.0740	0.0564		152	200	-24.0*	20.0
Hexane	Ave	0.2635	0.2387		18.1	20.0	-9.0	20.0
Isopropyl ether	Ave	1.034	0.8158		15.8	20.0	-21.0*	20.0
1,1-Dichloroethane	Ave	0.5855	0.5138	0.2000	17.6	20.0	-12.0	20.0
Vinyl acetate	Ave	0.0482	0.0450		37.4	40.0	-7.0	20.0
2-Chloro-1,3-butadiene	Ave	0.3080	0.3058		19.9	20.0	-1.0	20.0
Tert-butyl ethyl ether	Ave	0.9747	0.7991		16.4	20.0	-18.0	20.0
2,2-Dichloropropane	Ave	0.1396	0.1374		19.7	20.0	-2.0	20.0
cis-1,2-Dichloroethene	Ave	0.4028	0.3928	0.1000	19.5	20.0	-2.0	20.0
2-Butanone (MEK)	Ave	0.3864	0.4600	0.0100	119	100	19.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Lab Sample ID: CCVIS 460-1088584/4 Calibration Date: 02/03/2026 07:29

Instrument ID: CVOAMS6 Calib Start Date: 01/21/2026 00:00

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/21/2026 02:46

Lab File ID: F59683.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	1.470	1.612		43.9	40.0	10.0	20.0
Methyl acrylate	Ave	0.2196	0.1537		14.0	20.0	-30.0*	20.0
Propionitrile	Ave	1.595	1.456		183	200	-9.0	20.0
Chlorobromomethane	Ave	0.1662	0.1893		22.8	20.0	14.0	20.0
Methacrylonitrile	Ave	0.0978	0.0843		172	200	-14.0	20.0
Chloroform	Ave	0.5746	0.5711	0.2000	19.9	20.0	-1.0	20.0
Tetrahydrofuran	Ave	4.796	4.756		39.7	40.0	-1.0	20.0
Cyclohexane	Ave	0.5639	0.6214	0.1000	22.0	20.0	10.0	20.0
1,1,1-Trichloroethane	Ave	0.5418	0.5634	0.1000	20.8	20.0	4.0	20.0
Carbon tetrachloride	Ave	0.4369	0.4965	0.1000	22.7	20.0	14.0	20.0
1,1-Dichloropropene	Ave	0.4637	0.4289		18.5	20.0	-8.0	20.0
Isobutyl alcohol	QuaF		0.8125		903	500	81.0*	20.0
Isooctane	Lin2		1.099		17.7	20.0	-11.0	20.0
Benzene	Ave	2.044	1.792	0.5000	17.5	20.0	-12.0	20.0
Isopropyl acetate	Ave	0.2706	0.2586		19.1	20.0	-4.0	20.0
Tert-amyl methyl ether	Ave	1.060	0.9495		17.9	20.0	-10.0	20.0
1,2-Dichloroethane	Ave	0.3588	0.3132	0.1000	17.5	20.0	-13.0	20.0
n-Heptane	Ave	0.2371	0.2234		18.8	20.0	-6.0	20.0
Trichloroethene	Ave	0.3441	0.3293	0.2000	19.1	20.0	-4.0	20.0
Ethyl acrylate	Ave	0.6976	0.5908		16.9	20.0	-15.0	20.0
Methylcyclohexane	Ave	0.6359	0.6777	0.1000	21.3	20.0	7.0	20.0
1,2-Dichloropropane	Ave	0.3781	0.3103	0.1000	16.4	20.0	-18.0	20.0
Methyl methacrylate	Lin2		0.0665		38.3	40.0	-4.0	20.0
1,4-Dioxane	Ave	1.340	1.772		529	400	32.0*	20.0
Dibromomethane	Ave	0.1990	0.1886		19.0	20.0	-5.0	20.0
n-Propyl acetate	Ave	0.2965	0.2172		14.6	20.0	-27.0*	20.0
Dichlorobromomethane	Ave	0.4304	0.3980	0.2000	18.5	20.0	-8.0	20.0
2-Nitropropane	Ave	0.0507	0.0424		33.4	40.0	-16.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1694	0.1335		15.8	20.0	-21.0*	20.0
Epichlorohydrin	QuaF		1.126		299	400	-25.0*	20.0
cis-1,3-Dichloropropene	Ave	0.7943	0.6479	0.2000	16.3	20.0	-18.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	3.091	3.080	0.0500	99.6	100	0.0	20.0
Toluene	Ave	2.076	1.884	0.4000	18.2	20.0	-9.0	20.0
trans-1,3-Dichloropropene	Ave	0.5889	0.4933	0.1000	16.8	20.0	-16.0	20.0
Ethyl methacrylate	Ave	0.5114	0.4094		16.0	20.0	-20.0	20.0
1,1,2-Trichloroethane	Ave	0.3163	0.2932	0.1000	18.5	20.0	-7.0	20.0
Tetrachloroethene	Ave	0.4540	0.4960	0.2000	21.9	20.0	9.0	20.0
1,3-Dichloropropane	Ave	0.6211	0.5296		17.1	20.0	-15.0	20.0
2-Hexanone	Lin		5.780	0.0500	70.9	100	-29.0*	20.0
n-Butyl acetate	Ave	0.4969	0.3604		14.5	20.0	-27.0*	20.0
Chlorodibromomethane	Ave	0.4292	0.4178	0.1000	19.5	20.0	-3.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Lab Sample ID: CCVIS 460-1088584/4 Calibration Date: 02/03/2026 07:29

Instrument ID: CVOAMS6 Calib Start Date: 01/21/2026 00:00

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/21/2026 02:46

Lab File ID: F59683.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	0.3775	0.3405	0.1000	18.0	20.0	-10.0	20.0
Chlorobenzene	Ave	1.261	1.295	0.5000	20.5	20.0	3.0	20.0
Ethylbenzene	Ave	0.7476	0.7430	0.1000	19.9	20.0	-1.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5043	0.5064		20.1	20.0	0.0	20.0
m-Xylene & p-Xylene	Ave	0.9091	0.8838	0.1000	19.4	20.0	-3.0	20.0
o-Xylene	Ave	0.9437	0.9238	0.3000	19.6	20.0	-2.0	20.0
n-Butyl acrylate	Qua2		0.2527		15.4	20.0	-23.0*	20.0
Styrene	Ave	1.390	1.291	0.3000	18.6	20.0	-7.0	20.0
Bromoform	Ave	0.2271	0.2324	0.1000	20.5	20.0	2.0	20.0
Amyl acetate (mixed isomers)	Ave	1.187	0.7587		12.8	20.0	-36.0*	20.0
Isopropylbenzene	Ave	2.202	2.187	0.1000	19.9	20.0	-1.0	20.0
Bromobenzene	Ave	0.9277	0.9367		20.2	20.0	1.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9453	0.7695	0.3000	16.3	20.0	-19.0	20.0
N-Propylbenzene	Ave	4.978	4.376		17.6	20.0	-12.0	20.0
1,2,3-Trichloropropane	Ave	0.2479	0.2154		17.4	20.0	-13.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1885	0.1154		12.2	20.0	-39.0*	20.0
2-Chlorotoluene	Ave	3.504	3.056		17.4	20.0	-13.0	20.0
4-Ethyltoluene	Ave	4.007	3.810		19.0	20.0	-5.0	20.0
1,3,5-Trimethylbenzene	Ave	3.727	3.554		19.1	20.0	-5.0	20.0
4-Chlorotoluene	Ave	3.221	2.813		17.5	20.0	-13.0	20.0
Butyl Methacrylate	Ave	1.470	1.174		16.0	20.0	-20.0	20.0
tert-Butylbenzene	Ave	3.049	2.965		19.4	20.0	-3.0	20.0
1,2,4-Trimethylbenzene	Ave	3.751	3.508		18.7	20.0	-6.0	20.0
sec-Butylbenzene	Ave	4.828	4.774		19.8	20.0	-1.0	20.0
1,3-Dichlorobenzene	Ave	1.953	1.985	0.6000	20.3	20.0	2.0	20.0
4-Isopropyltoluene	Ave	4.066	4.090		20.1	20.0	1.0	20.0
1,4-Dichlorobenzene	Ave	2.023	2.086	0.5000	20.6	20.0	3.0	20.0
1,2,3-Trimethylbenzene	Ave	3.940	3.932		20.0	20.0	0.0	20.0
Benzyl chloride	Ave	2.012	1.671		16.6	20.0	-17.0	20.0
Indan	Ave	3.494	3.510		20.1	20.0	0.0	20.0
p-Diethylbenzene	Ave	2.540	2.517		19.8	20.0	-1.0	20.0
n-Butylbenzene	Ave	2.299	2.048		17.8	20.0	-11.0	20.0
1,2-Dichlorobenzene	Ave	1.992	2.043	0.4000	20.5	20.0	3.0	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.133	4.217		20.4	20.0	2.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2001	0.1893	0.0200	18.9	20.0	-5.0	20.0
1,3,5-Trichlorobenzene	Ave	1.689	1.772		21.0	20.0	5.0	20.0
1,2,4-Trichlorobenzene	Ave	1.570	1.679	0.2000	21.4	20.0	7.0	20.0
Hexachlorobutadiene	Ave	0.5843	0.5995		20.5	20.0	3.0	20.0
Naphthalene	Ave	3.524	3.622		20.6	20.0	3.0	20.0
1,2,3-Trichlorobenzene	Ave	1.412	1.518		21.5	20.0	7.0	20.0
n-Butanol	Ave	0.2238	0.6526		130	500	192.0*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Lab Sample ID: CCVIS 460-1088584/4 Calibration Date: 02/03/2026 07:29

Instrument ID: CVOAMS6 Calib Start Date: 01/21/2026 00:00

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/21/2026 02:46

Lab File ID: F59683.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2370	0.2511		53.0	50.0	6.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2257	0.1948		43.2	50.0	-14.0	20.0
Toluene-d8 (Surr)	Ave	1.375	1.270		46.2	50.0	-8.0	20.0
4-Bromofluorobenzene	Ave	0.3609	0.3744		51.9	50.0	4.0	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59683.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 03-Feb-2026 07:29:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0202285-004
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Feb-2026 14:03:50 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: KG2Q Date: 03-Feb-2026 12:18:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.208	1.208	0.000	97	157584	20.0	34.6	
2 Chloromethane	50	1.348	1.348	0.000	98	110811	20.0	19.8	
4 Butadiene	54	1.414	1.414	0.000	93	86528	20.0	20.0	
3 Vinyl chloride	62	1.430	1.430	0.000	98	119090	20.0	20.7	
5 Bromomethane	94	1.636	1.636	0.000	99	96635	20.0	21.9	
6 Chloroethane	64	1.685	1.685	0.000	99	54600	20.0	18.3	
7 Dichlorofluoromethane	67	1.825	1.825	0.000	98	164100	20.0	19.4	
9 Pentane	72	1.849	1.849	0.000	95	25501	40.0	70.3	
8 Trichlorofluoromethane	101	1.849	1.849	0.000	65	135927	20.0	25.1	
10 Ethanol	46	1.997	1.997	0.000	66	5737	800.0	571.1	
11 Ethyl ether	59	1.997	1.997	0.000	90	40089	20.0	16.1	
12 2-Methyl-1,3-butadiene	53	2.022	2.022	0.000	91	48021	20.0	19.6	
13 1,2-Dichloro-1,1,2-trifluoroetha	117	2.046	2.046	0.000	82	83075	20.0	24.0	
14 1,1,1-Trifluoro-2,2-dichloroetha	83	2.088	2.088	0.000	93	122054	20.0	20.0	
16 Acrolein	56	2.145	2.145	0.000	30	7267	40.0	27.9	
15 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.153	2.153	0.000	92	95761	20.0	24.6	
17 1,1-Dichloroethene	96	2.170	2.170	0.000	91	75080	20.0	20.6	
18 Acetone	43	2.235	2.235	0.000	89	40769	100.0	92.7	M
20 Iodomethane	142	2.301	2.301	0.000	97	148289	20.0	22.7	
19 Isopropyl alcohol	45	2.318	2.318	0.000	25	17933	200.0	163.8	a
21 Carbon disulfide	76	2.334	2.334	0.000	98	269674	20.0	18.7	
23 3-Chloro-1-propene	39	2.433	2.433	0.000	89	84796	20.0	16.3	
22 Methyl acetate	43	2.433	2.433	0.000	49	42082	40.0	35.2	
24 Cyclopentene	67	2.449	2.449	0.000	95	177816	20.0	19.9	
32 Acetonitrile	41	2.507	2.507	0.000	75	44287	200.0	175.2	a
* 25 TBA-d9 (IS)	65	2.515	2.515	0.000	99	147900	1000.0	1000.0	
26 Methylene Chloride	84	2.531	2.531	0.000	83	80022	20.0	18.9	
27 2-Methyl-2-propanol	59	2.581	2.581	0.000	92	39808	200.0	217.4	a
28 Methyl tert-butyl ether	73	2.663	2.663	0.000	95	173982	20.0	17.9	
29 trans-1,2-Dichloroethene	96	2.687	2.687	0.000	87	75873	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Acrylonitrile	53	2.753	2.753	0.000	97	123248	200.0	152.3	
31 Hexane	43	2.811	2.811	0.000	89	52206	20.0	18.1	
33 Isopropyl ether	45	2.983	2.983	0.000	94	178408	20.0	15.8	
35 1,1-Dichloroethane	63	3.024	3.024	0.000	98	112361	20.0	17.6	
34 Vinyl acetate	86	3.041	3.041	0.000	99	19701	40.0	37.4	
36 2-Chloro-1,3-butadiene	88	3.057	3.057	0.000	84	66885	20.0	19.9	
37 Tert-butyl ethyl ether	59	3.254	3.254	0.000	91	174749	20.0	16.4	
* 38 2-Butanone-d5	46	3.435	3.435	0.000	98	132533	250.0	250.0	
39 2,2-Dichloropropane	97	3.452	3.452	0.000	91	30040	20.0	19.7	
41 cis-1,2-Dichloroethene	96	3.468	3.468	0.000	97	85907	20.0	19.5	
40 Ethyl acetate	70	3.484	3.484	0.000	96	9536	40.0	43.9	
42 2-Butanone (MEK)	72	3.484	3.484	0.000	97	24388	100.0	119.1	
43 Methyl acrylate	55	3.534	3.534	0.000	98	25313	20.0	14.0	
44 Propionitrile	54	3.608	3.608	0.000	97	43063	200.0	182.6	a
45 Chlorobromomethane	128	3.665	3.665	0.000	82	41391	20.0	22.8	
47 Methacrylonitrile	67	3.682	3.682	0.000	88	184276	200.0	172.3	
48 Chloroform	83	3.706	3.706	0.000	98	124889	20.0	19.9	
46 Tetrahydrofuran	42	3.821	3.821	0.000	51	28136	40.0	39.7	
49 Cyclohexane	84	3.830	3.830	0.000	84	135898	20.0	22.0	
51 1,1,1-Trichloroethane	97	3.838	3.838	0.000	92	123209	20.0	20.8	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	97	137297	50.0	53.0	
52 Carbon tetrachloride	117	3.945	3.945	0.000	95	108570	20.0	22.7	
53 1,1-Dichloropropene	75	3.969	3.969	0.000	95	93795	20.0	18.5	
134 Isooctane	57	4.117	4.117	0.000	98	240433	20.0	17.7	
54 Isobutyl alcohol	43	4.117	4.117	0.000	33	60085	500.0	902.7	a
55 Benzene	78	4.142	4.142	0.000	94	295127	20.0	17.5	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	92	106501	50.0	43.2	
58 Tert-amyl methyl ether	73	4.191	4.191	0.000	91	207638	20.0	17.9	a
57 Isopropyl acetate	87	4.191	4.191	0.000	68	56545	20.0	19.1	a
59 1,2-Dichloroethane	62	4.224	4.224	0.000	95	68500	20.0	17.5	
60 n-Heptane	57	4.281	4.281	0.000	84	48846	20.0	18.8	
* 61 Fluorobenzene	96	4.405	4.405	0.000	100	546721	50.0	50.0	
63 Trichloroethene	95	4.725	4.725	0.000	93	72018	20.0	19.1	
65 Methylcyclohexane	83	4.832	4.832	0.000	92	148210	20.0	21.3	
64 Ethyl acrylate	55	4.832	4.832	0.000	79	129211	20.0	16.9	a
66 1,2-Dichloropropane	63	4.980	4.980	0.000	94	67857	20.0	16.4	
* 67 1,4-Dioxane-d8	96	5.046	5.046	0.000	44	18345	1000.0	1000.0	a
68 Methyl methacrylate	100	5.062	5.062	0.000	81	29069	40.0	38.3	
69 1,4-Dioxane	88	5.087	5.087	0.000	57	13006	400.0	528.9	
71 Dibromomethane	93	5.111	5.111	0.000	98	41249	20.0	19.0	
70 n-Propyl acetate	43	5.111	5.111	0.000	74	47498	20.0	14.6	
72 Dichlorobromomethane	83	5.243	5.243	0.000	98	87042	20.0	18.5	
74 2-Nitropropane	41	5.547	5.547	0.000	90	18534	40.0	33.4	
73 2-Chloroethyl vinyl ether	63	5.563	5.563	0.000	86	29258	20.0	15.8	
75 Epichlorohydrin	57	5.662	5.662	0.000	99	66643	400.0	298.5	
76 cis-1,3-Dichloropropene	75	5.711	5.711	0.000	86	106670	20.0	16.3	
77 4-Methyl-2-pentanone (MIBK)	43	5.859	5.859	0.000	92	163266	100.0	99.6	
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	522875	50.0	46.2	
79 Toluene	91	6.007	6.007	0.000	93	310167	20.0	18.2	
80 trans-1,3-Dichloropropene	75	6.352	6.352	0.000	97	81218	20.0	16.8	
81 Ethyl methacrylate	69	6.377	6.377	0.000	84	67412	20.0	16.0	
82 1,1,2-Trichloroethane	83	6.541	6.541	0.000	95	48278	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	6.582	6.582	0.000	95	81672	20.0	21.9	
84 1,3-Dichloropropane	76	6.738	6.738	0.000	88	87193	20.0	17.1	
85 2-Hexanone	43	6.812	6.812	0.000	92	85484	100.0	70.9	
86 n-Butyl acetate	43	6.927	6.927	0.000	96	59340	20.0	14.5	
87 Chlorodibromomethane	129	6.960	6.960	0.000	96	68788	20.0	19.5	
88 Ethylene Dibromide	107	7.108	7.108	0.000	100	56071	20.0	18.0	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	82	411624	50.0	50.0	
90 Chlorobenzene	112	7.667	7.667	0.000	99	213259	20.0	20.5	
91 Ethylbenzene	106	7.774	7.774	0.000	96	122330	20.0	19.9	
92 1,1,1,2-Tetrachloroethane	131	7.790	7.790	0.000	97	83379	20.0	20.1	
93 m-Xylene & p-Xylene	106	7.922	7.922	0.000	97	145513	20.0	19.4	
95 o-Xylene	106	8.431	8.431	0.000	96	152101	20.0	19.6	
94 n-Butyl acrylate	73	8.439	8.439	0.000	99	41614	20.0	15.4	
96 Styrene	104	8.472	8.472	0.000	98	212514	20.0	18.6	
98 Bromoform	173	8.719	8.719	0.000	97	38263	20.0	20.5	
97 Amyl acetate (mixed isomers)	43	8.727	8.727	0.000	93	72466	20.0	12.8	
99 Isopropylbenzene	105	8.858	8.858	0.000	94	360096	20.0	19.9	
$ 100 4-Bromofluorobenzene	174	9.064	9.064	0.000	96	154118	50.0	51.9	
101 Bromobenzene	156	9.179	9.179	0.000	92	89474	20.0	20.2	
102 1,1,2,2-Tetrachloroethane	83	9.236	9.236	0.000	97	73498	20.0	16.3	
103 N-Propylbenzene	91	9.253	9.253	0.000	100	418007	20.0	17.6	
104 1,2,3-Trichloropropane	110	9.269	9.269	0.000	94	20577	20.0	17.4	
105 trans-1,4-Dichloro-2-butene	53	9.294	9.294	0.000	76	11021	20.0	12.2	a
106 2-Chlorotoluene	91	9.343	9.343	0.000	96	291911	20.0	17.4	
107 4-Ethyltoluene	105	9.359	9.359	0.000	98	363966	20.0	19.0	
108 1,3,5-Trimethylbenzene	105	9.417	9.417	0.000	95	339509	20.0	19.1	
109 4-Chlorotoluene	91	9.442	9.442	0.000	94	268694	20.0	17.5	
110 Butyl Methacrylate	87	9.507	9.507	0.000	81	112122	20.0	16.0	
111 tert-Butylbenzene	119	9.655	9.655	0.000	96	283179	20.0	19.4	
112 1,2,4-Trimethylbenzene	105	9.705	9.705	0.000	95	335048	20.0	18.7	
113 sec-Butylbenzene	105	9.811	9.811	0.000	99	455964	20.0	19.8	
115 1,3-Dichlorobenzene	146	9.910	9.910	0.000	76	189563	20.0	20.3	
114 4-Isopropyltoluene	119	9.918	9.918	0.000	98	390643	20.0	20.1	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	92	238798	50.0	50.0	
117 1,4-Dichlorobenzene	146	9.984	9.984	0.000	96	199276	20.0	20.6	
118 1,2,3-Trimethylbenzene	105	9.992	9.992	0.000	97	375538	20.0	20.0	
119 Benzyl chloride	91	10.083	10.083	0.000	99	159635	20.0	16.6	
120 2,3-Dihydroindene	117	10.124	10.124	0.000	94	335313	20.0	20.1	
121 p-Diethylbenzene	119	10.165	10.165	0.000	95	240431	20.0	19.8	
122 n-Butylbenzene	92	10.181	10.181	0.000	98	195670	20.0	17.8	
123 1,2-Dichlorobenzene	146	10.222	10.222	0.000	99	195116	20.0	20.5	
124 1,2,4,5-Tetramethylbenzene	119	10.633	10.633	0.000	98	402832	20.0	20.4	
125 1,2-Dibromo-3-Chloropropane	157	10.699	10.699	0.000	88	18078	20.0	18.9	
126 1,3,5-Trichlorobenzene	180	10.781	10.781	0.000	97	169275	20.0	21.0	
127 1,2,4-Trichlorobenzene	180	11.126	11.126	0.000	94	160334	20.0	21.4	
128 Hexachlorobutadiene	225	11.184	11.184	0.000	94	57261	20.0	20.5	
129 Naphthalene	128	11.266	11.266	0.000	99	345958	20.0	20.6	
130 1,2,3-Trichlorobenzene	180	11.405	11.405	0.000	97	144996	20.0	21.5	
S 131 1,2-Dichloroethene, Total	100				0		40.0	39.2	
S 132 Total BTEX	1				0		100.0	94.6	
S 133 Xylenes, Total	100				0		40.0	39.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00193	Amount Added:	4.00	Units: uL	
524FREONS_00051	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00217	Amount Added:	20.00	Units: uL	
GASES Li_00682	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00085	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Feb-2026 14:03:52 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59683.D

Injection Date: 03-Feb-2026 07:29:30 Instrument ID: CVOAMS6 Operator ID:

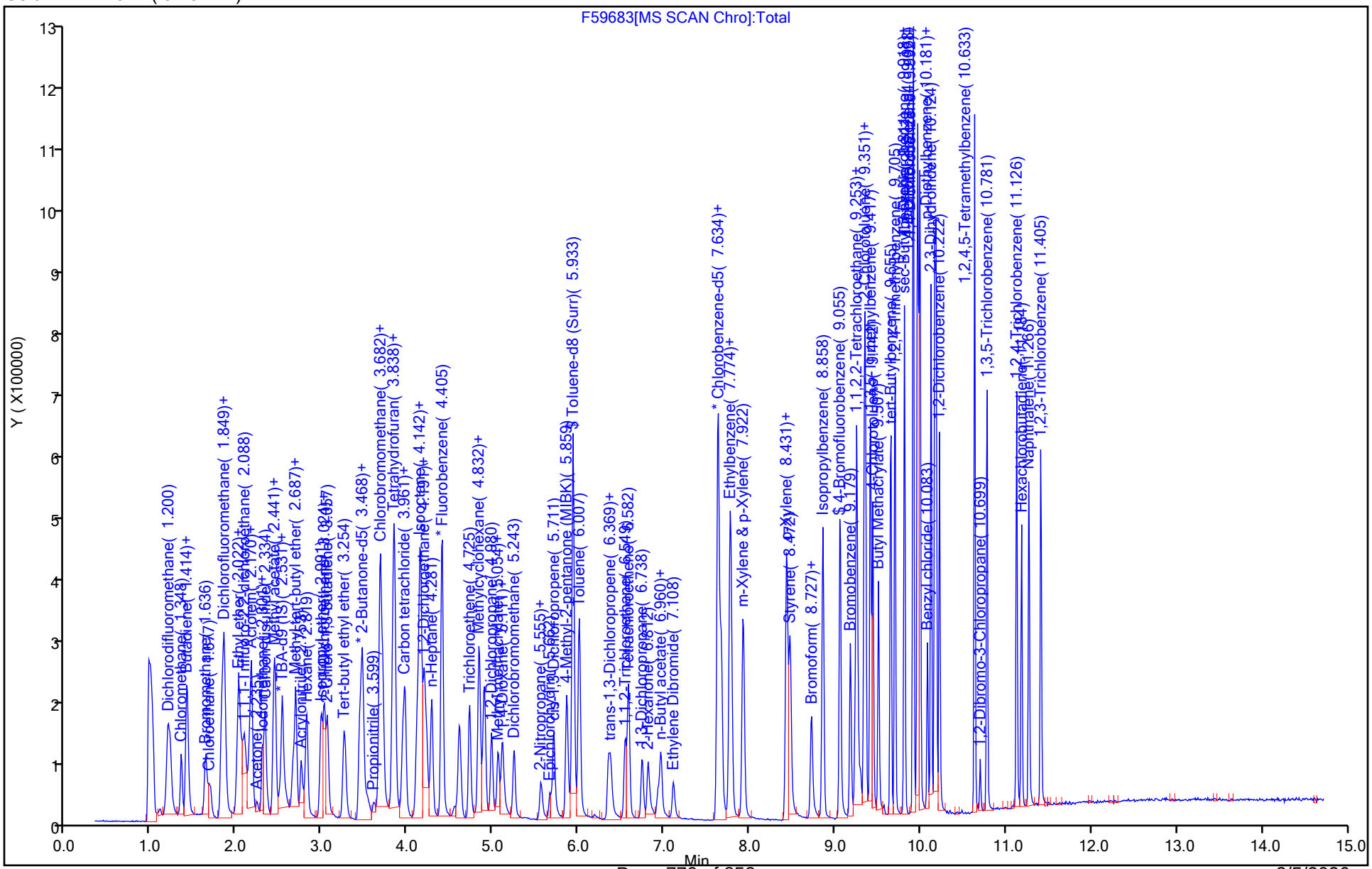
Lims ID: CCVIS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



2/5/2026
8:39:33 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

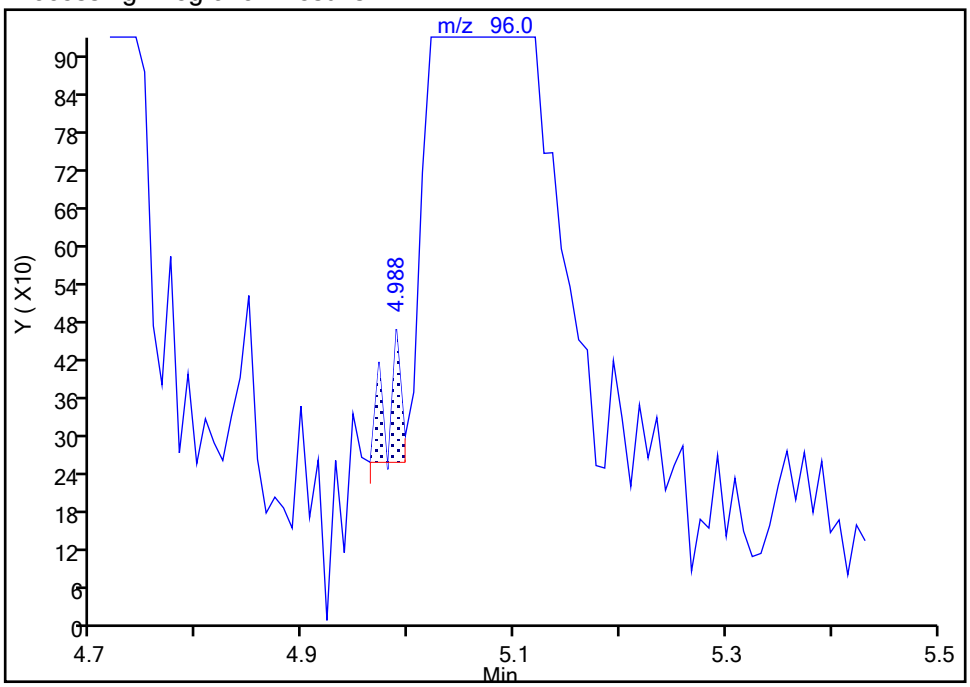
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59683.D
Injection Date: 03-Feb-2026 07:29:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

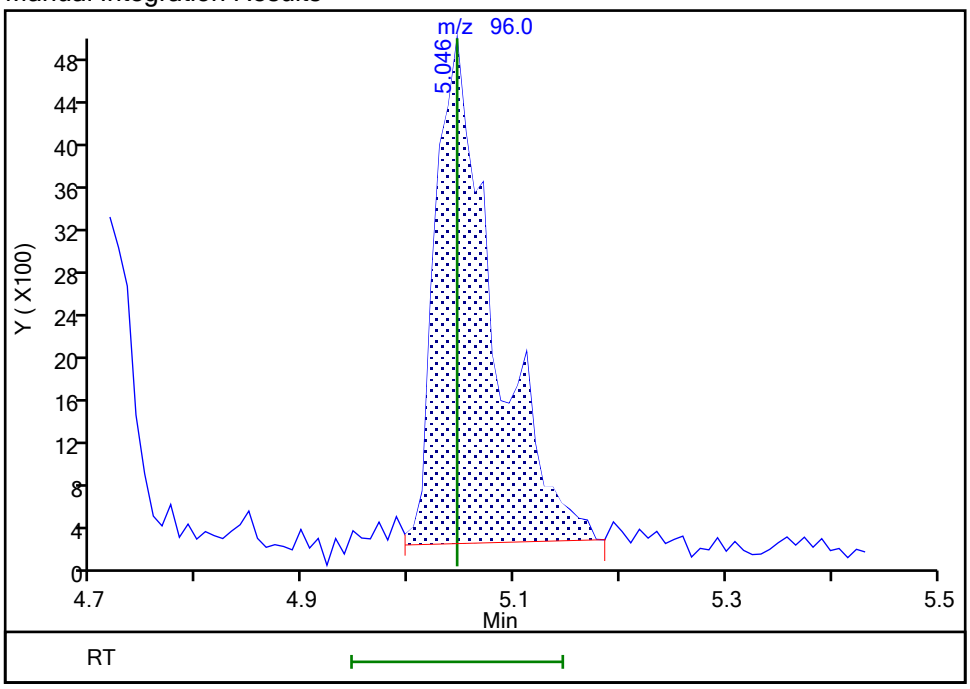
Processing Integration Results

RT: 4.99
Area: 197
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.05
Area: 18345
Amount: 1000.0000
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 08:06:22 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

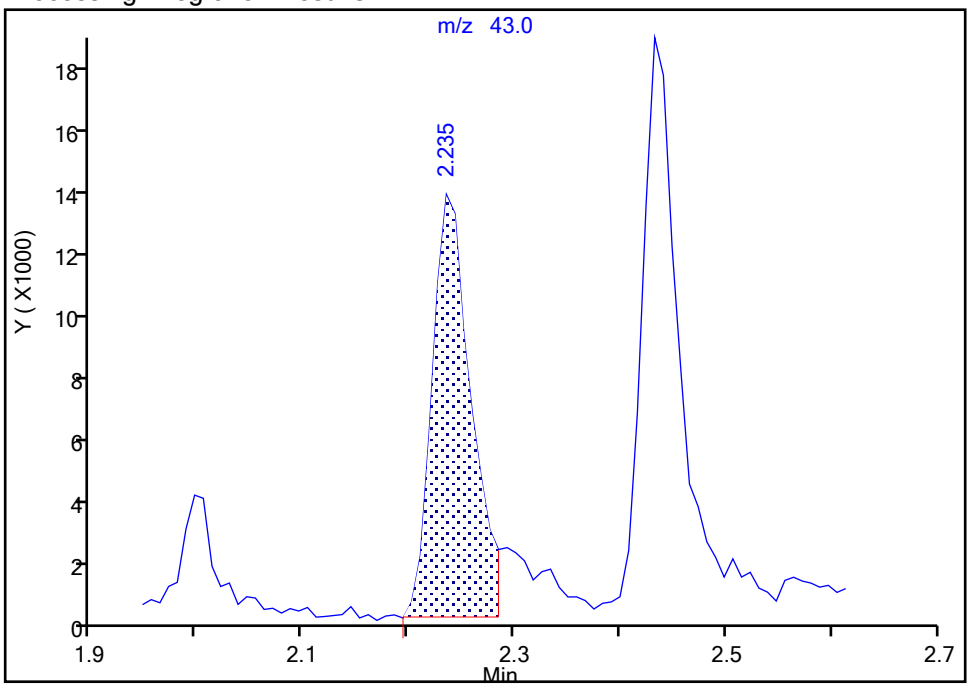
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59683.D
Injection Date: 03-Feb-2026 07:29:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

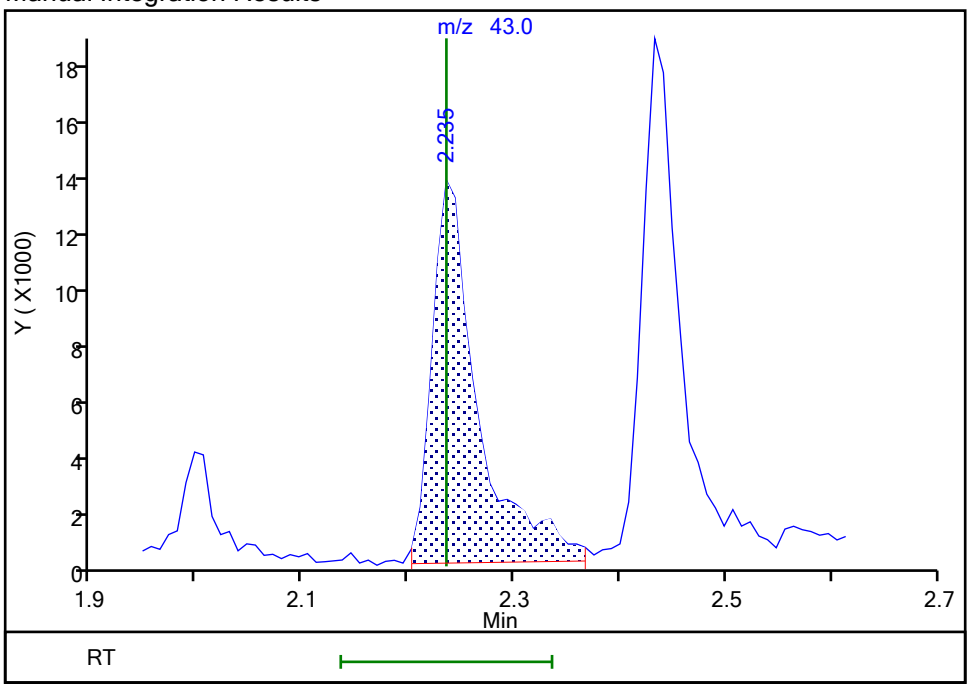
Processing Integration Results

RT: 2.24
Area: 34926
Amount: 79.451686
Amount Units: ug/l



Manual Integration Results

RT: 2.24
Area: 40769
Amount: 92.743680
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 12:18:37 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

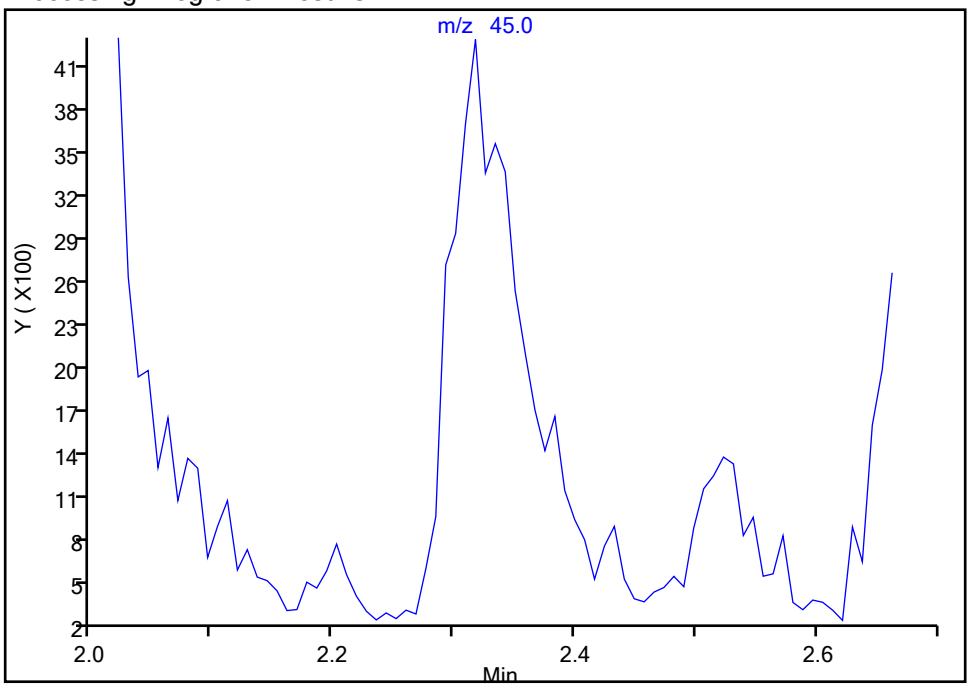
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59683.D
Injection Date: 03-Feb-2026 07:29:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

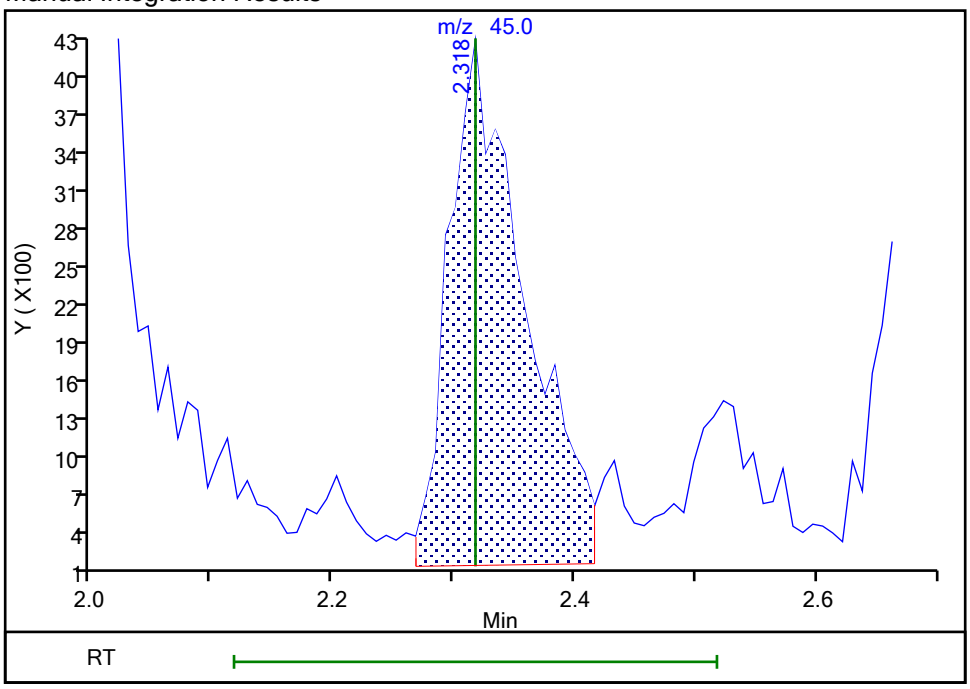
Not Detected
Expected RT: 2.32

Processing Integration Results



Manual Integration Results

RT: 2.32
Area: 17933
Amount: 163.8488
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 08:08:53 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

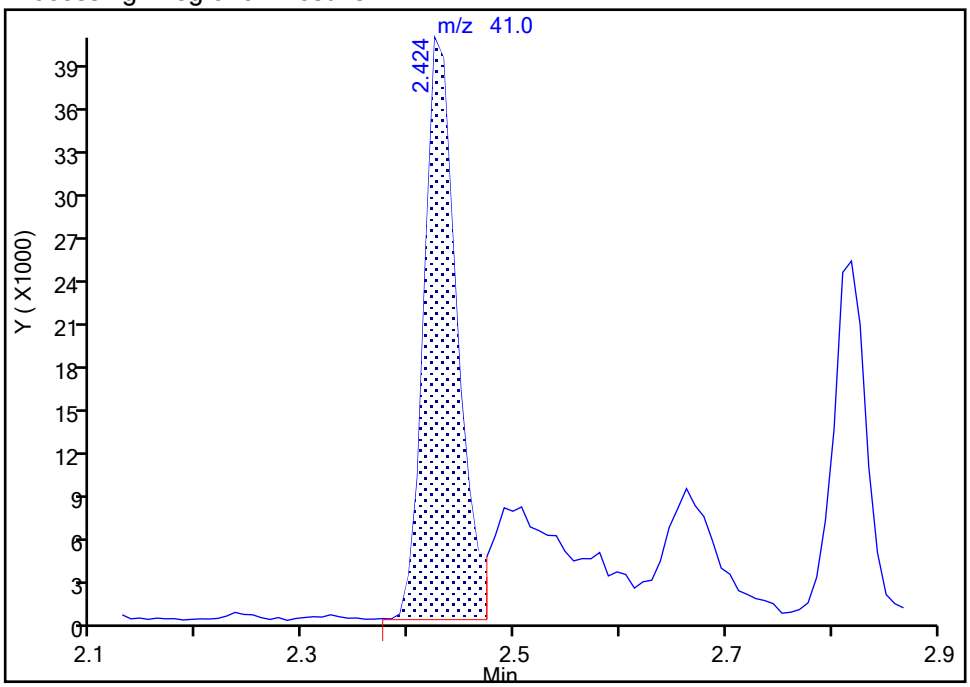
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59683.D
Injection Date: 03-Feb-2026 07:29:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Acetonitrile, CAS: 75-05-8

Signal: 1

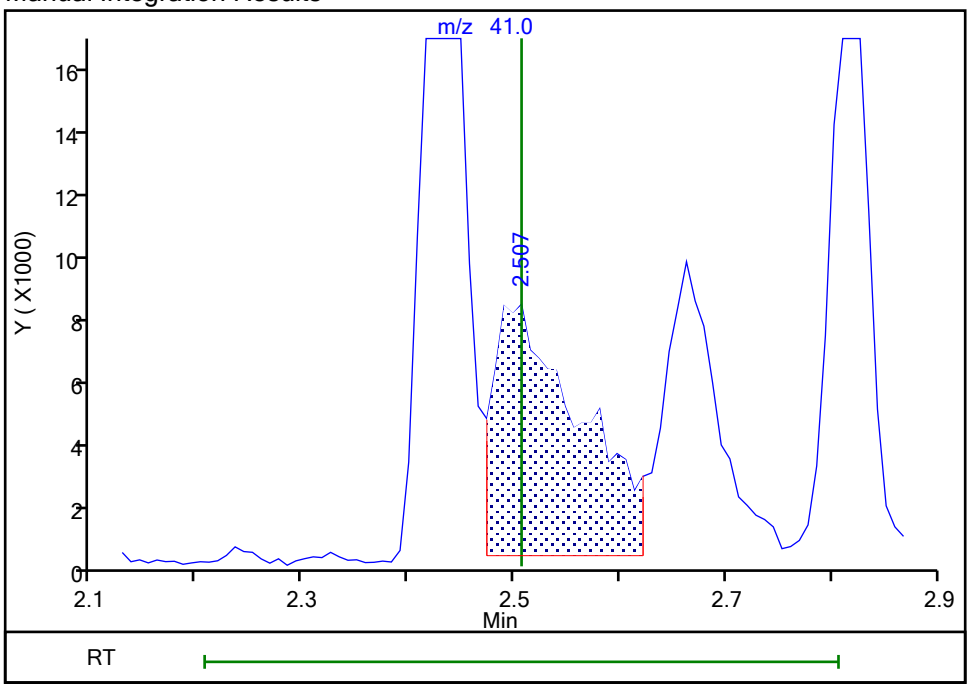
Processing Integration Results

RT: 2.42
Area: 88814
Amount: 351.3076
Amount Units: ug/l



Manual Integration Results

RT: 2.51
Area: 44287
Amount: 175.1791
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 08:09:01 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

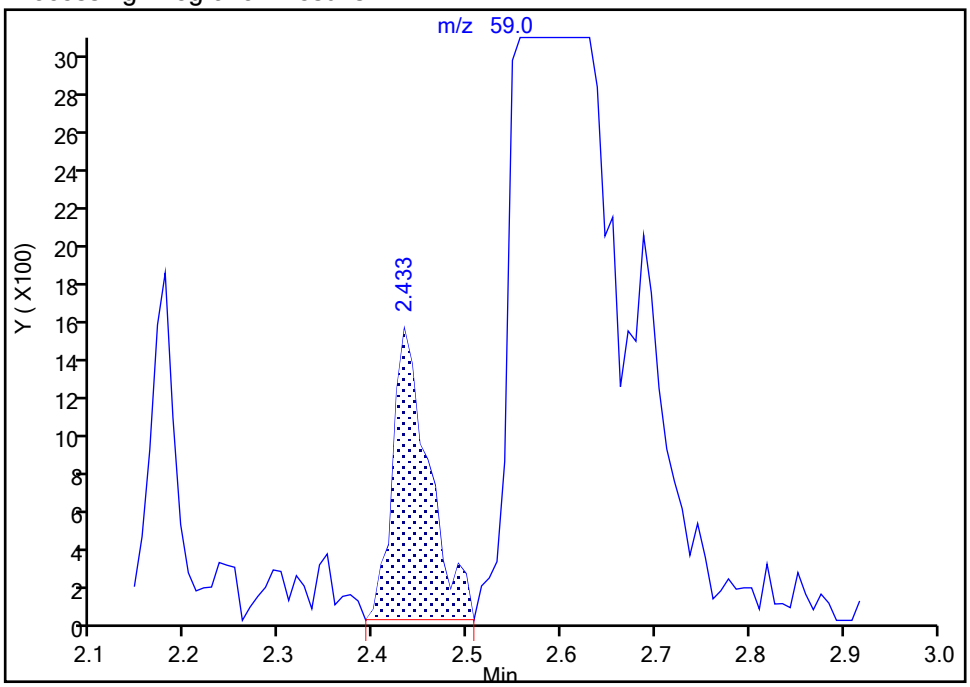
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59683.D
Injection Date: 03-Feb-2026 07:29:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

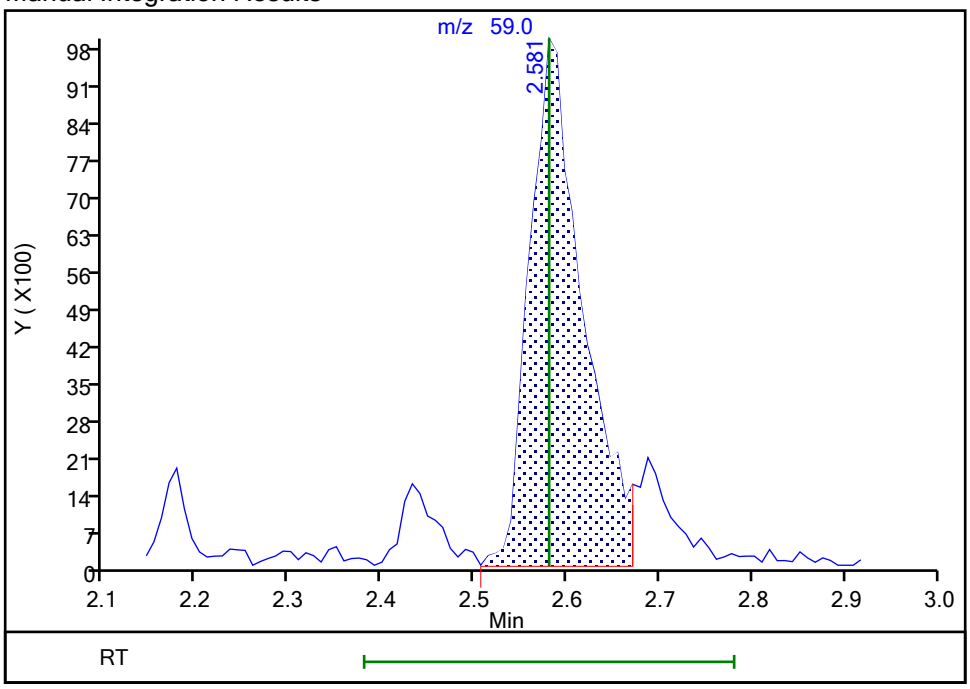
Processing Integration Results

RT: 2.43
Area: 4111
Amount: 22.449190
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 39808
Amount: 217.3820
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 08:09:05 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

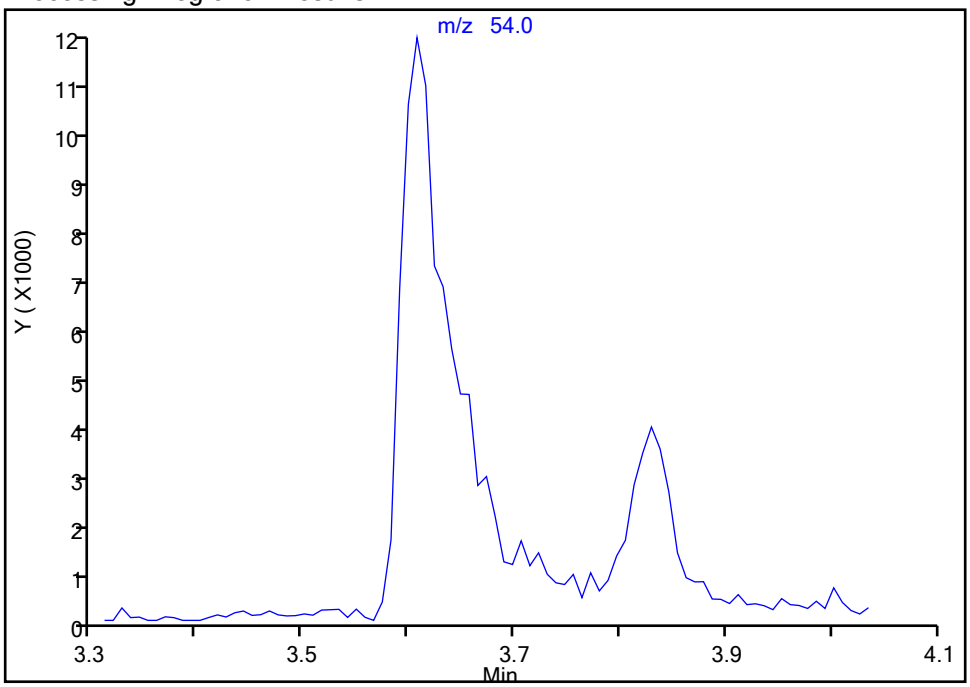
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59683.D
Injection Date: 03-Feb-2026 07:29:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

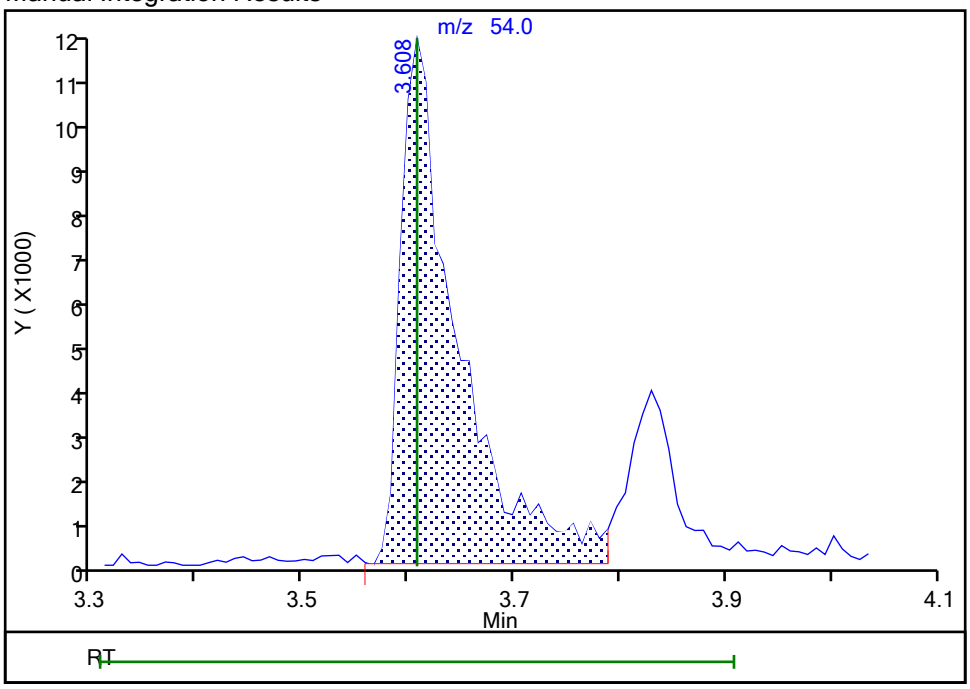
Not Detected
Expected RT: 3.61

Processing Integration Results



Manual Integration Results

RT: 3.61
Area: 43063
Amount: 182.5918
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 08:09:17 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

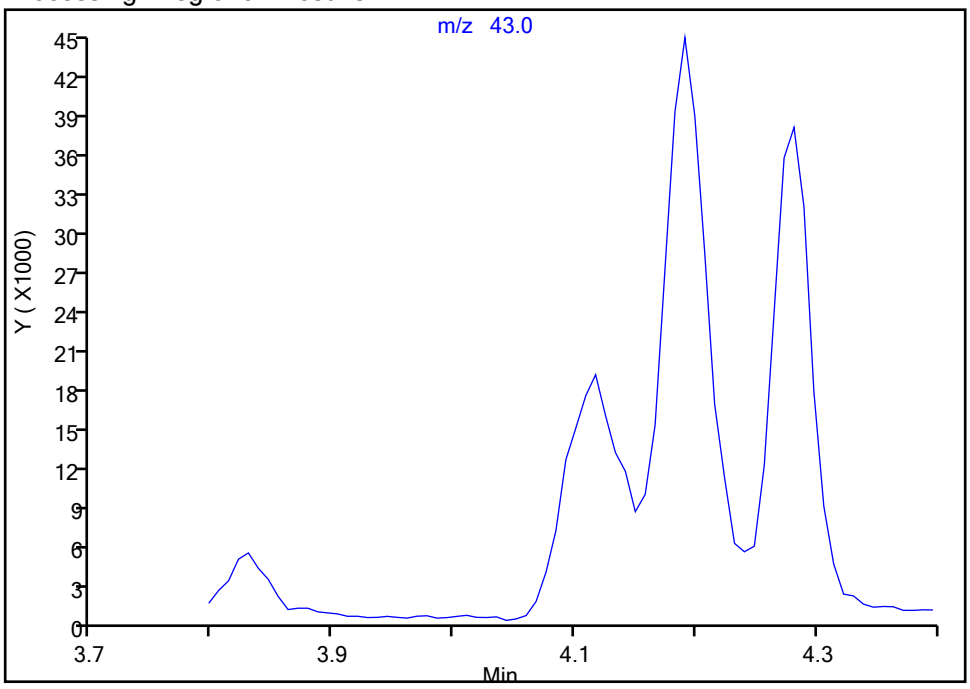
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59683.D
Injection Date: 03-Feb-2026 07:29:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

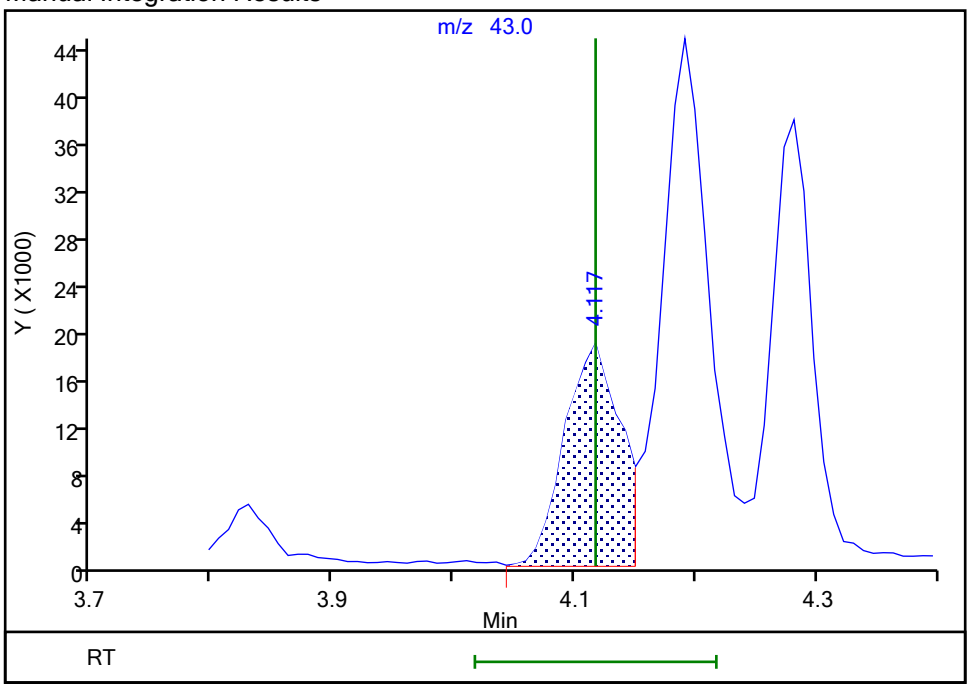
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.12
Area: 60085
Amount: 902.6564
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 08:09:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

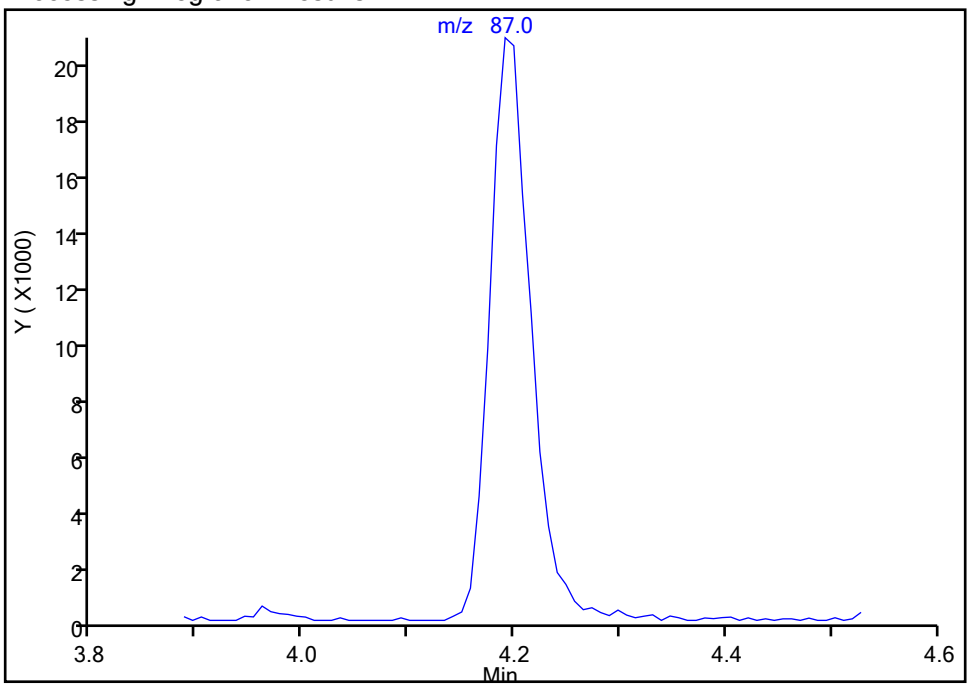
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59683.D
Injection Date: 03-Feb-2026 07:29:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 Isopropyl acetate, CAS: 108-21-4

Signal: 1

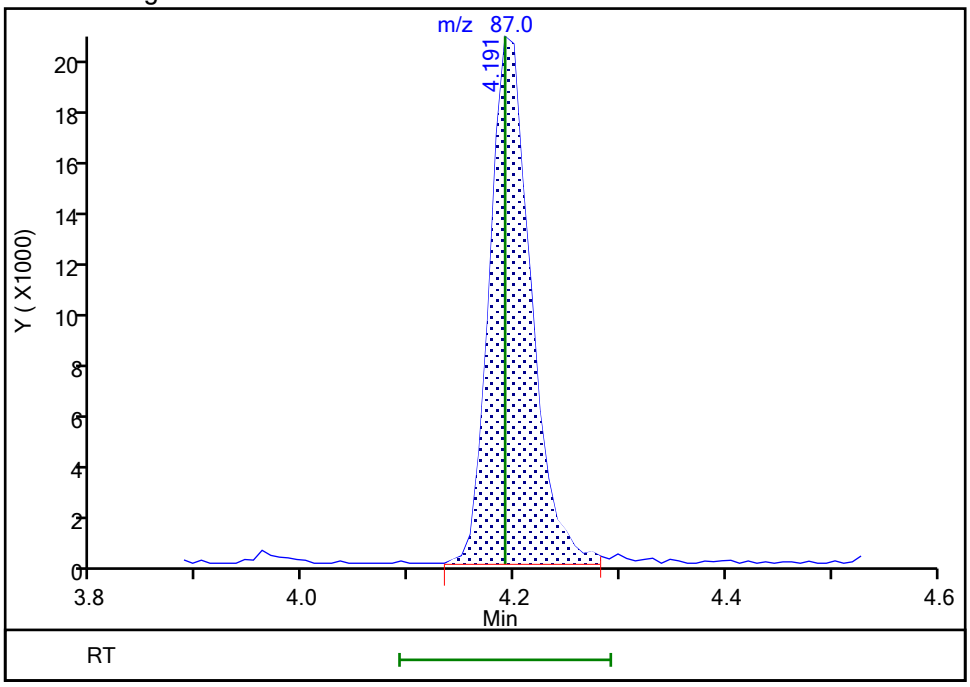
Not Detected
Expected RT: 4.19

Processing Integration Results



Manual Integration Results

RT: 4.19
Area: 56545
Amount: 19.110976
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 08:09:33 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

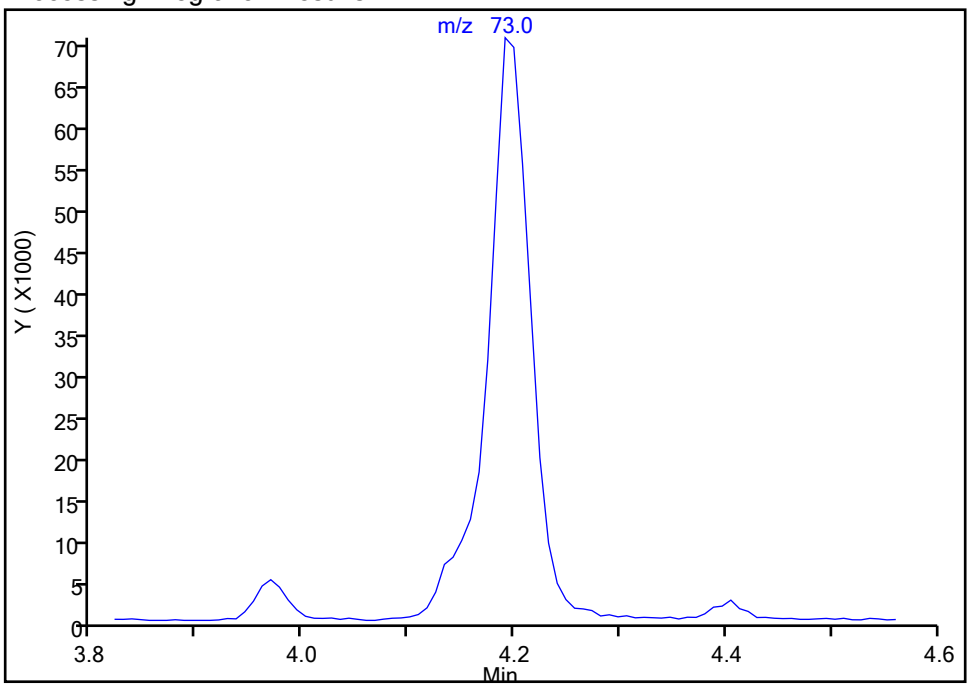
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59683.D
Injection Date: 03-Feb-2026 07:29:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

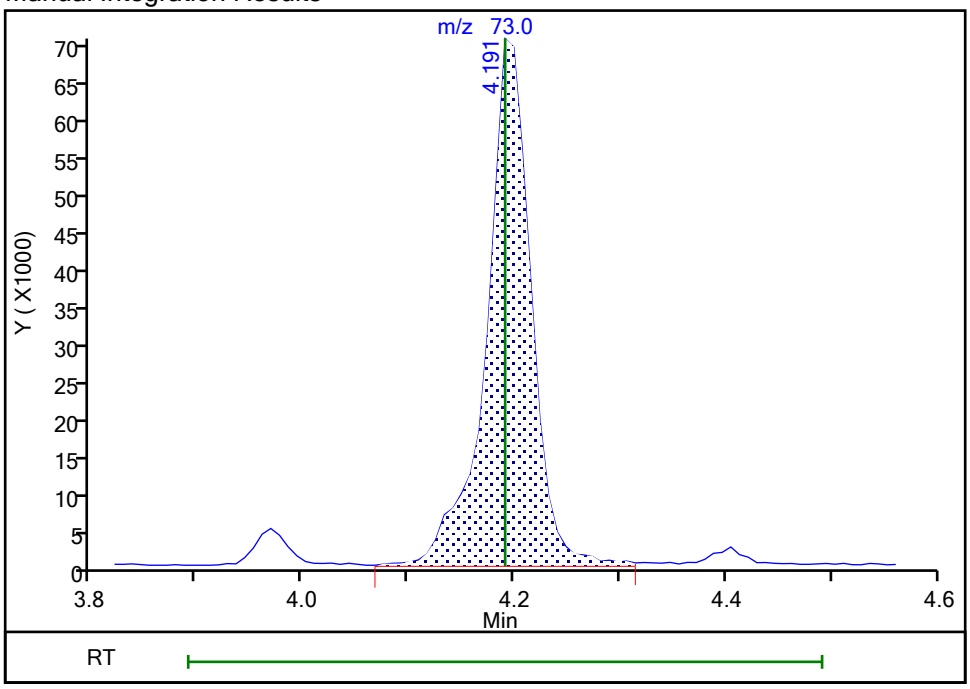
Not Detected
Expected RT: 4.19

Processing Integration Results



Manual Integration Results

RT: 4.19
Area: 207638
Amount: 17.918880
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 08:09:30 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

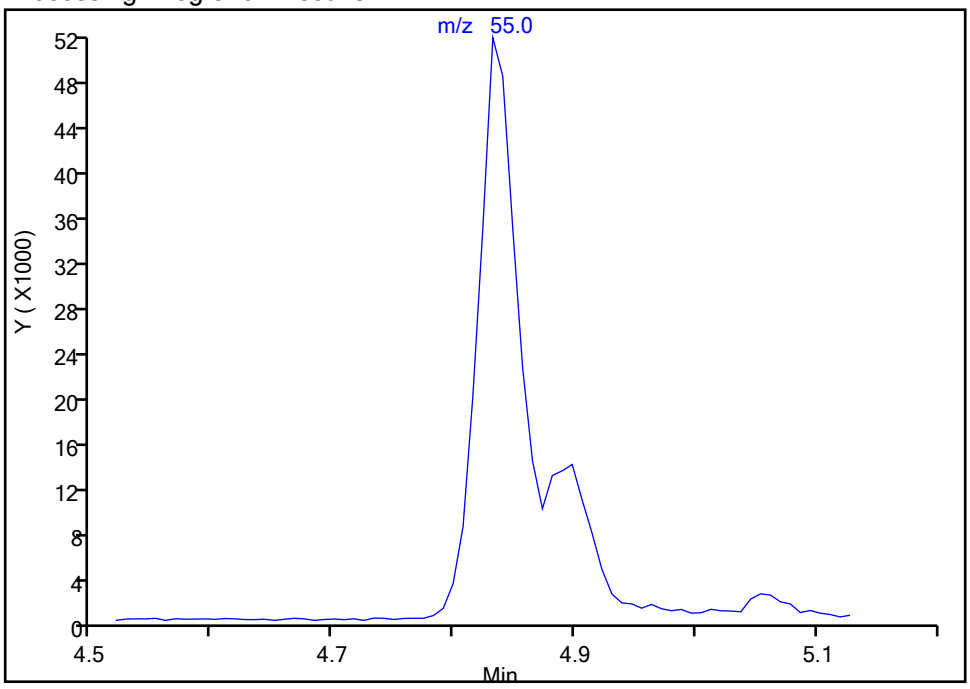
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59683.D
Injection Date: 03-Feb-2026 07:29:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Ethyl acrylate, CAS: 140-88-5

Signal: 1

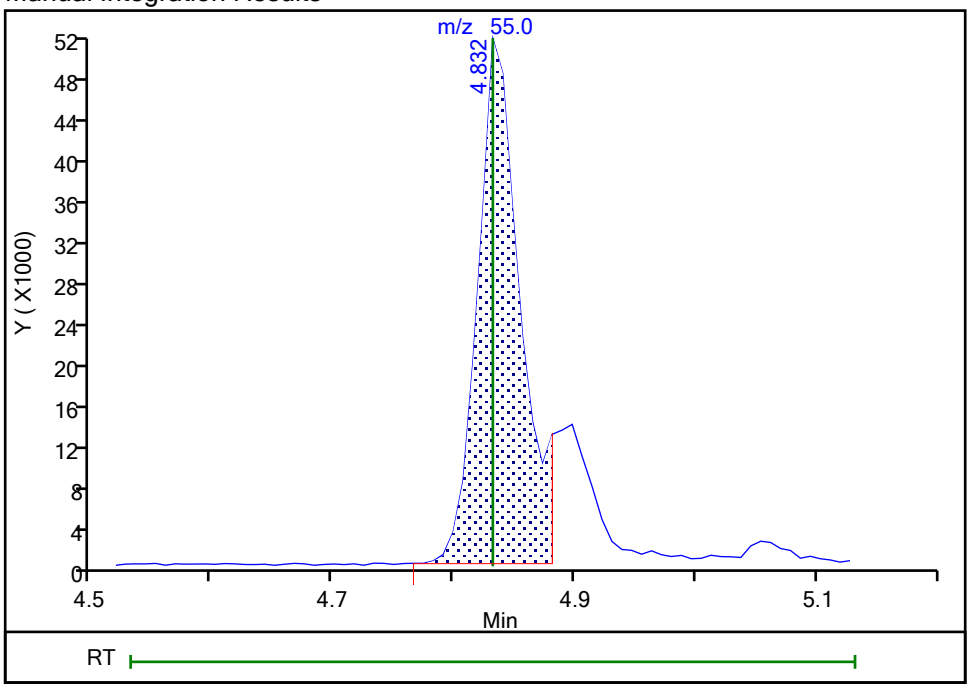
Not Detected
Expected RT: 4.83

Processing Integration Results



Manual Integration Results

RT: 4.83
Area: 129211
Amount: 16.940217
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 08:09:48 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

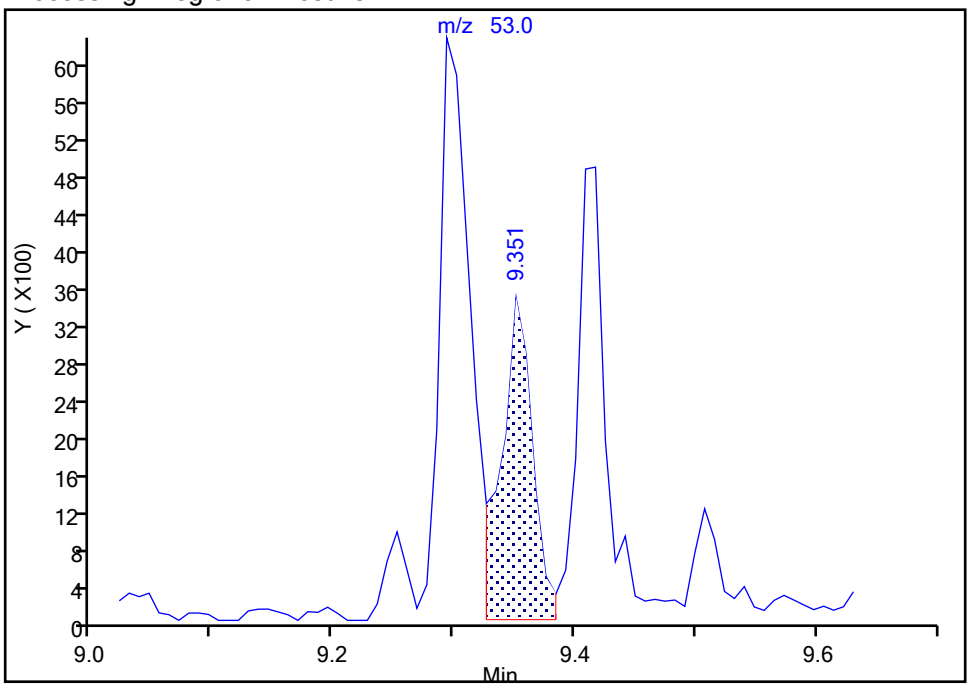
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59683.D
Injection Date: 03-Feb-2026 07:29:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

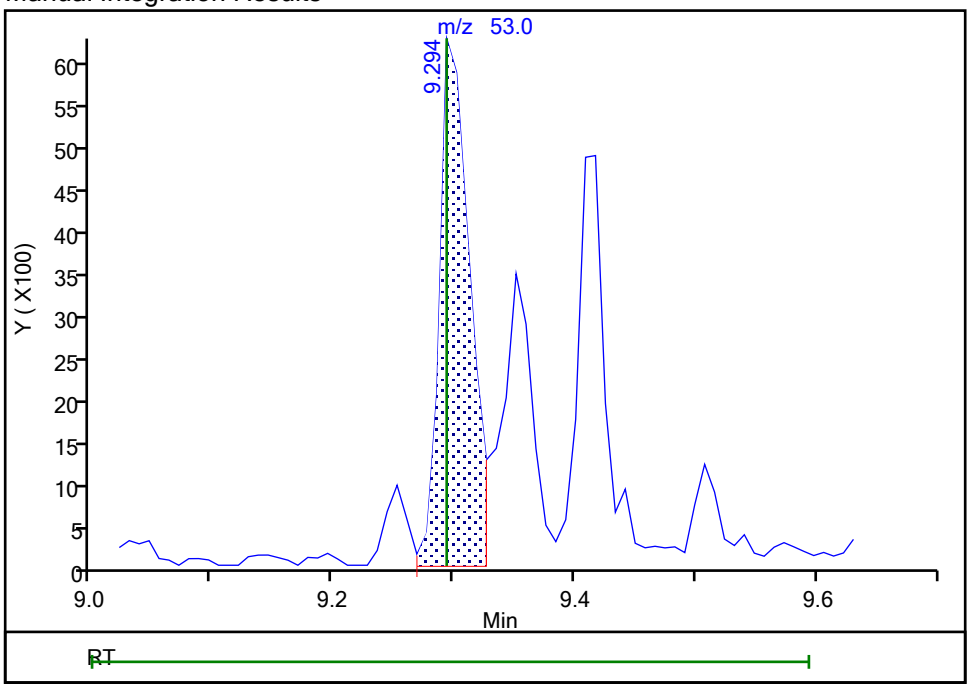
Processing Integration Results

RT: 9.35
Area: 6447
Amount: 7.160025
Amount Units: ug/l



Manual Integration Results

RT: 9.29
Area: 11021
Amount: 12.239901
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 08:10:04 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

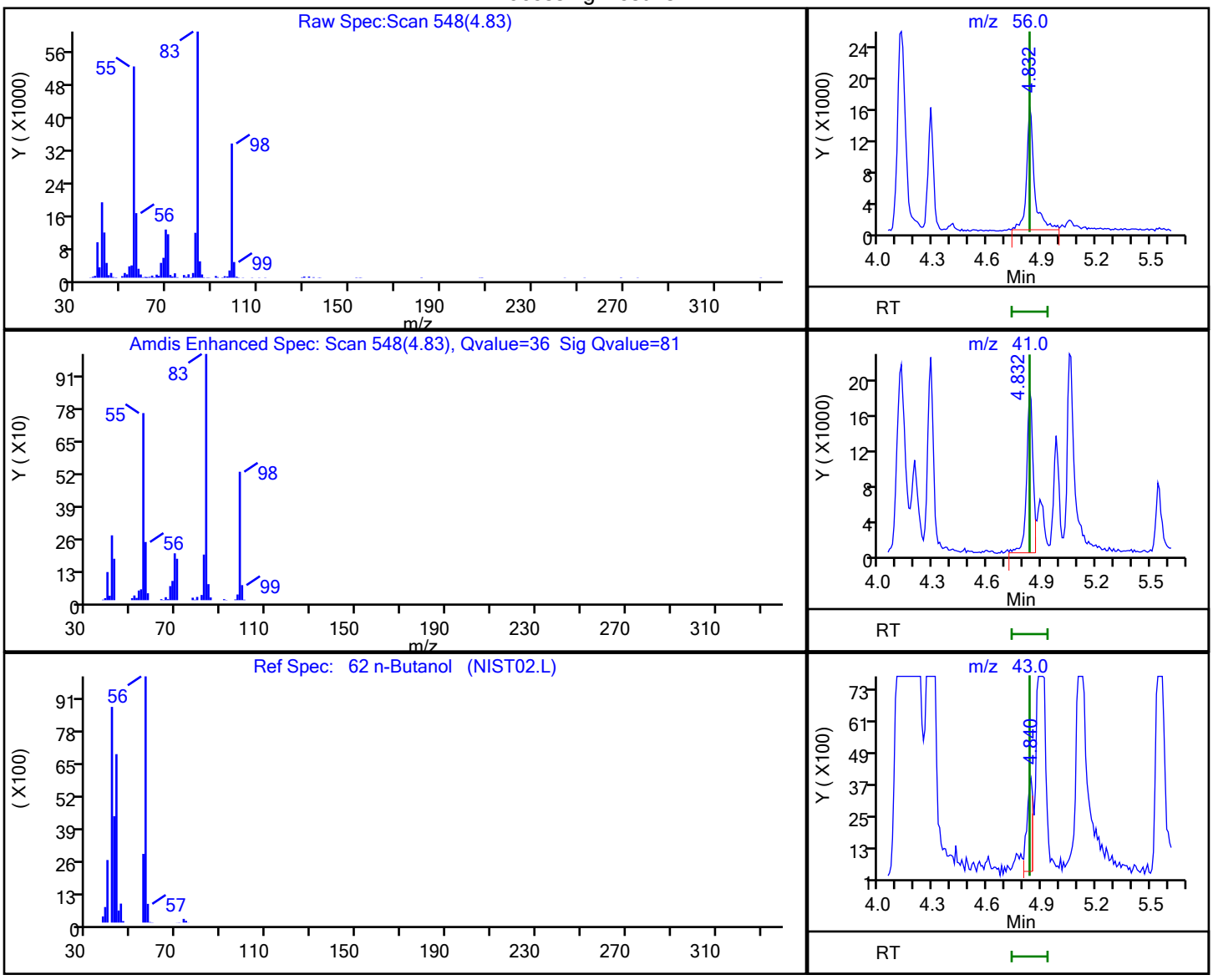
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59683.D
Injection Date: 03-Feb-2026 07:29:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.83	56.00	48259	1458.2854
4.83	41.00	44588	
4.84	43.00	7709	

Reviewer: XE5L, 03-Feb-2026 14:03:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59220.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	20-Jan-2026 23:01:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0201827-001				
Operator ID:		Instrument ID:	CVOAMS6		
Method:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\8260624W6.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	24-Jan-2026 11:21:40	Calib Date:	21-Jan-2026 02:46:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1611				
First Level Reviewer: HVW2		Date:	20-Jan-2026 23:27:16		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 135 BFB

QC Flag Legend

Processing Flags

Reagents:

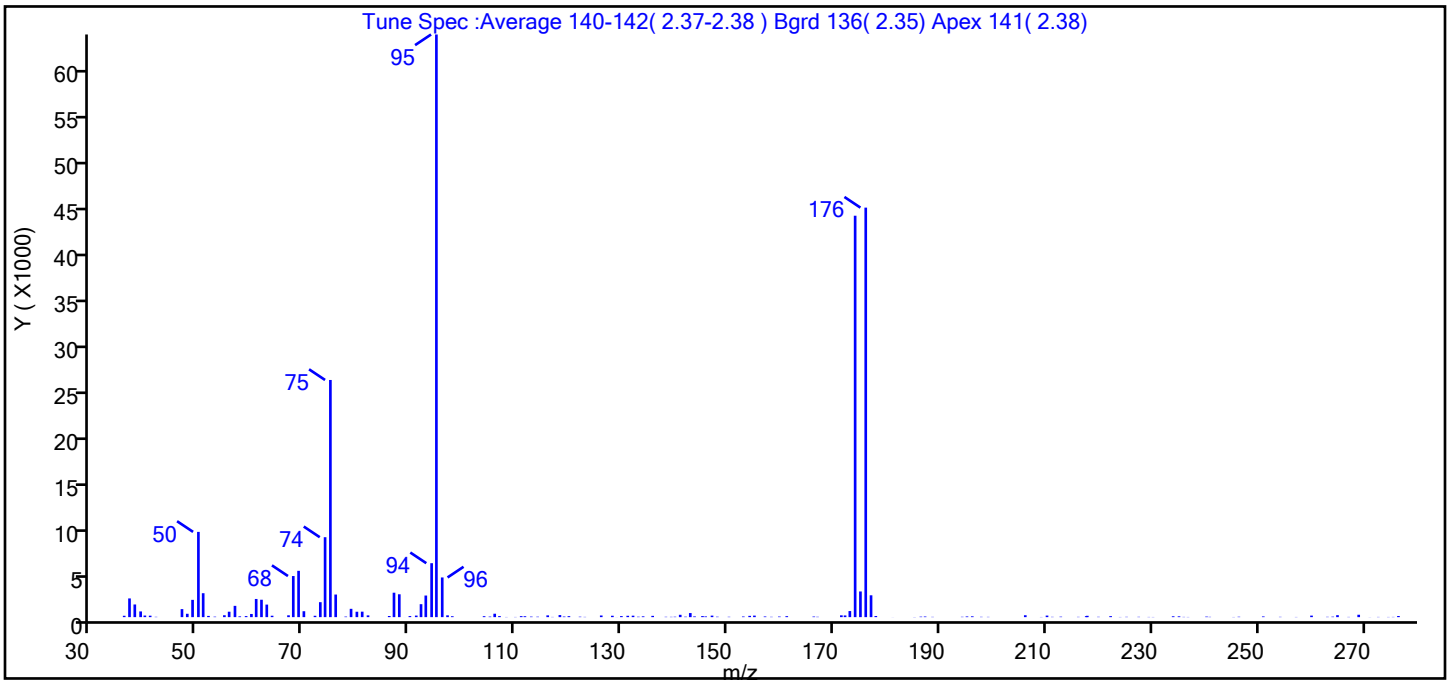
BFB_00040 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59220.D
Injection Date: 20-Jan-2026 23:01:30 Instrument ID: CVOAMS6
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 135 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (145.2)
96	5 to 9% of m/z 95	6.8
173	<2% of m/z 174	1.0 (1.5)
174	50 to 200% of m/z 95	68.9
175	5 to 9% of m/z 174	4.4 (6.4)
176	95 to 105% of m/z 174	70.3 (102.0)
177	5 to 10% of m/z 176	3.7 (5.3)

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59220.D\8260624W6.rslt\spectra.d
Injection Date: 20-Jan-2026 23:01:30
Spectrum: Tune Spec :Average 140-142(2.37-2.38) Bgrd 136(2.35) Apex 141(2.38)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 153

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	149	87.00	2657	139.00	33	209.00	18
37.00	2035	88.00	2486	140.00	46	210.00	169
38.00	1378	89.00	3	141.00	255	211.00	33
39.00	622	90.00	118	142.00	50	213.00	52
40.00	174	91.00	170	143.00	445	216.00	31
41.00	158	92.00	1410	144.00	78	218.00	109
42.00	34	93.00	2349	145.00	114	218.00	146
47.00	873	94.00	5865	146.00	78	220.00	37
48.00	366	95.00	63344	147.00	166	222.00	109
49.00	1880	96.00	4315	148.00	47	224.00	19
50.00	9269	97.00	196	150.00	39	225.00	34
51.00	2601	98.00	98	153.00	70	228.00	35
52.00	134	104.00	102	154.00	140	229.00	22
53.00	52	105.00	60	155.00	167	230.00	19
55.00	208	106.00	372	157.00	73	234.00	92
56.00	591	107.00	111	158.00	35	235.00	88
57.00	1227	108.00	19	160.00	65	236.00	27
58.00	85	110.00	21	161.00	107	237.00	20
59.00	116	111.00	109	166.00	65	240.00	59
60.00	345	112.00	98	167.00	38	241.00	32
61.00	1976	113.00	58	171.00	197	245.00	18
62.00	1893	114.00	48	172.00	185	246.00	44
63.00	1364	116.00	193	173.00	661	251.00	76
64.00	154	117.00	23	174.00	43640	254.00	33
67.00	200	118.00	228	175.00	2792	257.00	20
68.00	4469	119.00	63	176.00	44520	260.00	167
69.00	5036	120.00	107	177.00	2375	263.00	35
70.00	644	122.00	49	178.00	122	264.00	52
72.00	149	123.00	27	181.00	6	265.00	215
73.00	1627	126.00	179	185.00	16	267.00	25
74.00	8690	128.00	152	186.00	54	269.00	260
75.00	25784	129.00	6	187.00	68	271.00	9
76.00	2458	130.00	113	189.00	30	273.00	24

Report Date: 24-Jan-2026 11:21:40 Chrom Revision: 2.3 27-Dec-2025 13:45:20
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59220.D\8260624W6.rslt\spectra.d
Injection Date: 20-Jan-2026 23:01:30
Spectrum: Tune Spec :Average 140-142(2.37-2.38) Bgrd 136(2.35) Apex 141(2.38)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 153

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	61	131.00	148	194.00	39	275.00	21
79.00	905	132.00	158	195.00	75	276.00	25
80.00	588	133.00	47	196.00	89	276.00	123
81.00	596	134.00	87	198.00	35		
82.00	191	136.00	140	199.00	29		
86.00	124	138.00	38	206.00	206		

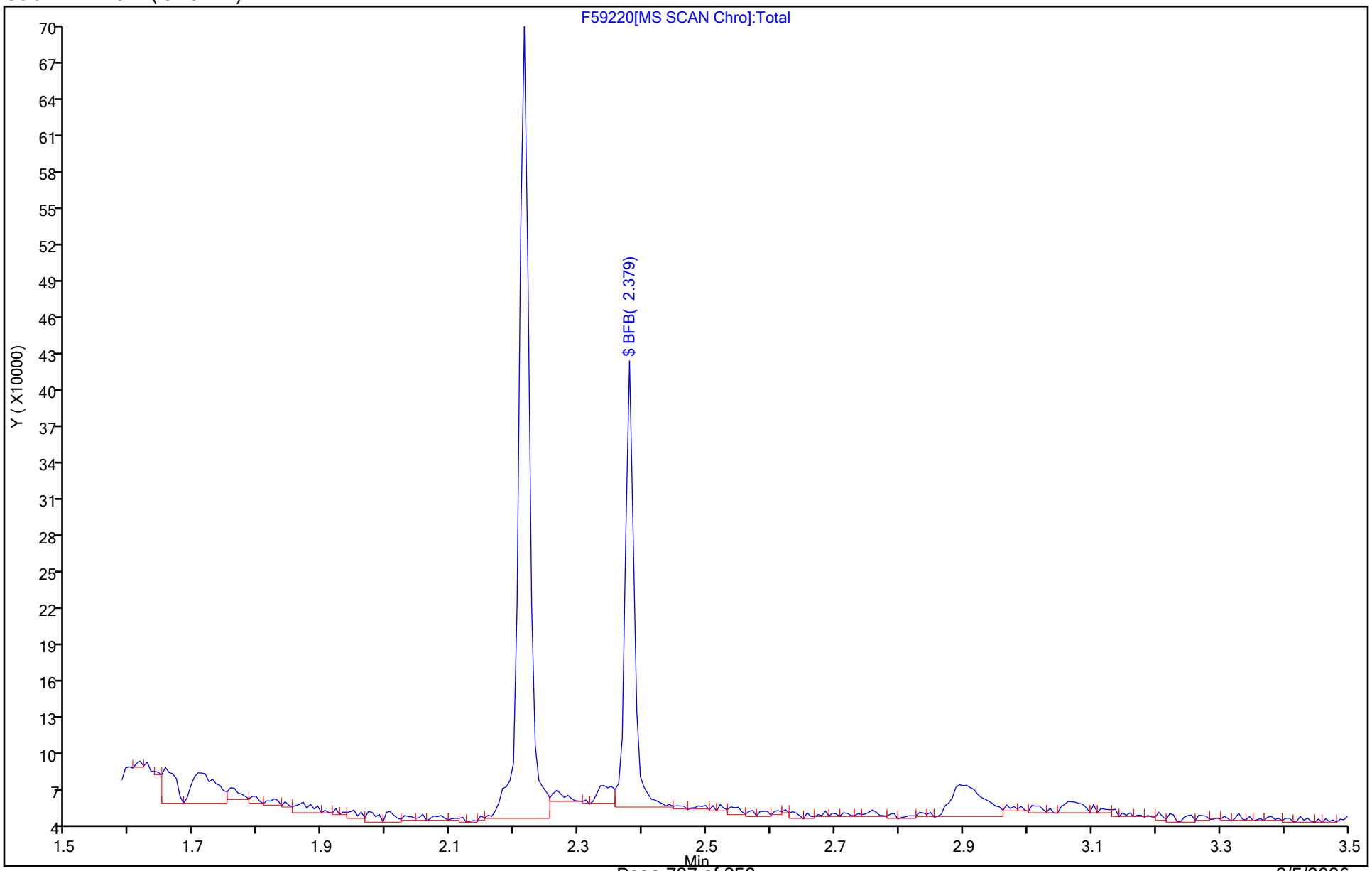
Report Date: 24-Jan-2026 11:21:40 Chrom Revision: 2.3 27-Dec-2025 13:45:20

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59220.D

Injection Date:	20-Jan-2026 23:01:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



2/5/2026
8:39:33 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1088584/10

Matrix: Water | Lab File ID: F59689.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 09:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	3.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.45	U	0.45	0.070
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.78	U	0.78	0.086
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1088584/10

Matrix: Water | Lab File ID: F59689.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 09:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.069
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.98	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.65
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	0.40	U	0.40	0.28
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.45	U	0.45	0.12
79-01-6	Trichloroethene	0.28	U	0.28	0.074
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.40
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-1088584/10

Matrix: Water Lab File ID: F59689.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 02/03/2026 09:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 1088584 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-132
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59689.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 03-Feb-2026 09:55:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0202285-010
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Feb-2026 10:17:32 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: KG2Q Date: 03-Feb-2026 10:17:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 25 TBA-d9 (IS)	65	2.531	2.515	0.016	100	150658	1000.0	1000.0	
* 38 2-Butanone-d5	46	3.435	3.435	0.000	92	122872	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	97	140764	50.0	53.4	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	91	110291	50.0	43.9	
* 61 Fluorobenzene	96	4.405	4.405	0.000	100	556204	50.0	50.0	
* 67 1,4-Dioxane-d8	96	5.054	5.046	0.008	37	18921	1000.0	1000.0	
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	518719	50.0	46.9	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	82	402357	50.0	50.0	
$ 100 4-Bromofluorobenzene	174	9.064	9.064	0.000	96	150122	50.0	51.7	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	93	227801	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00085 Amount Added: 5.00 Units: uL Run Reagent

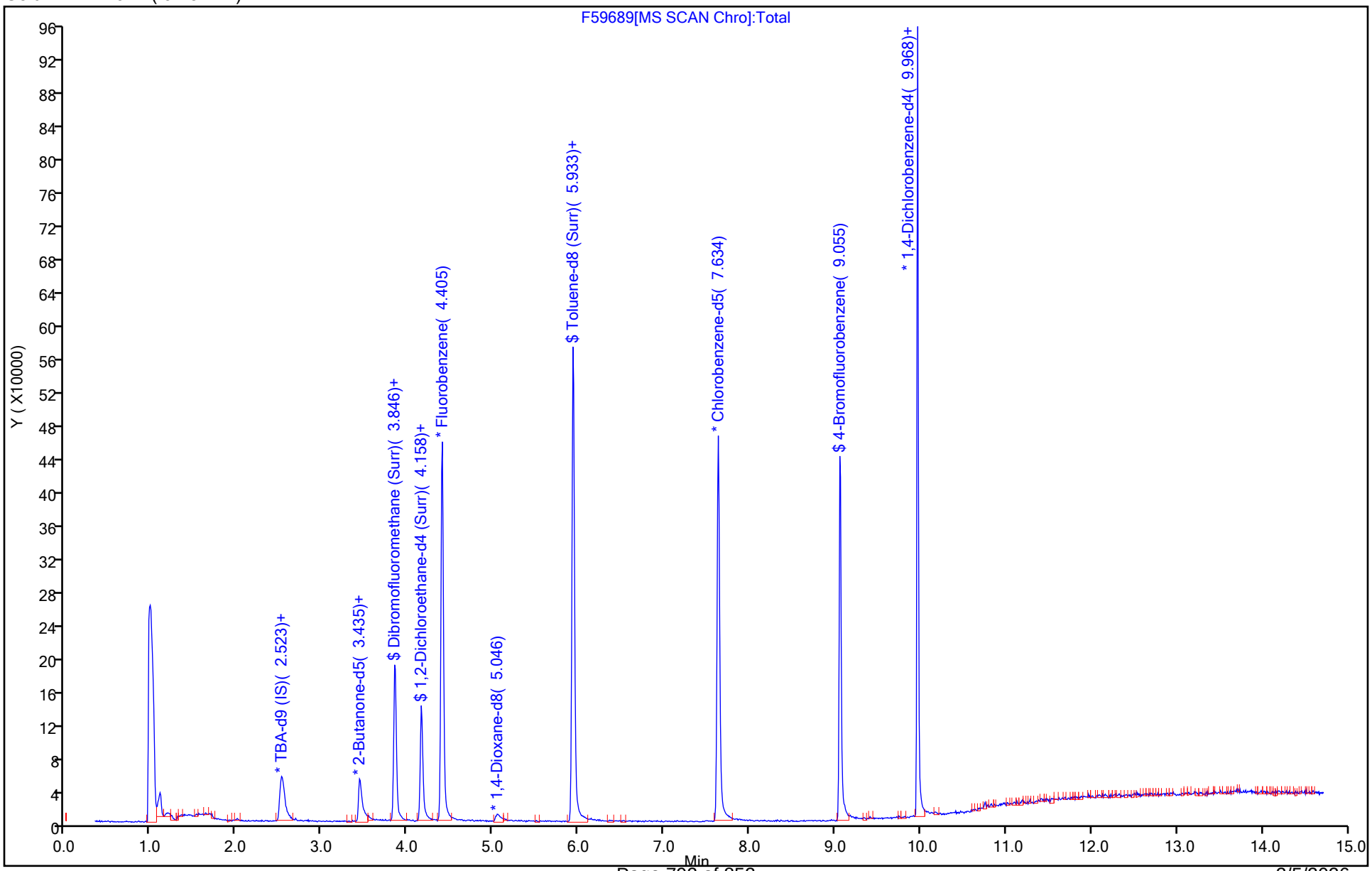
Report Date: 03-Feb-2026 10:17:33 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59689.D

Injection Date:	03-Feb-2026 09:55:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	MB			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59689.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 03-Feb-2026 09:55:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0202285-010
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Feb-2026 10:17:32 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1611

First Level Reviewer: KG2Q Date: 03-Feb-2026 10:17:32

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.4	106.80
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	43.9	87.86
$ 78 Toluene-d8 (Surr)	50.0	46.9	93.77
$ 100 4-Bromofluorobenzene	50.0	51.7	103.37

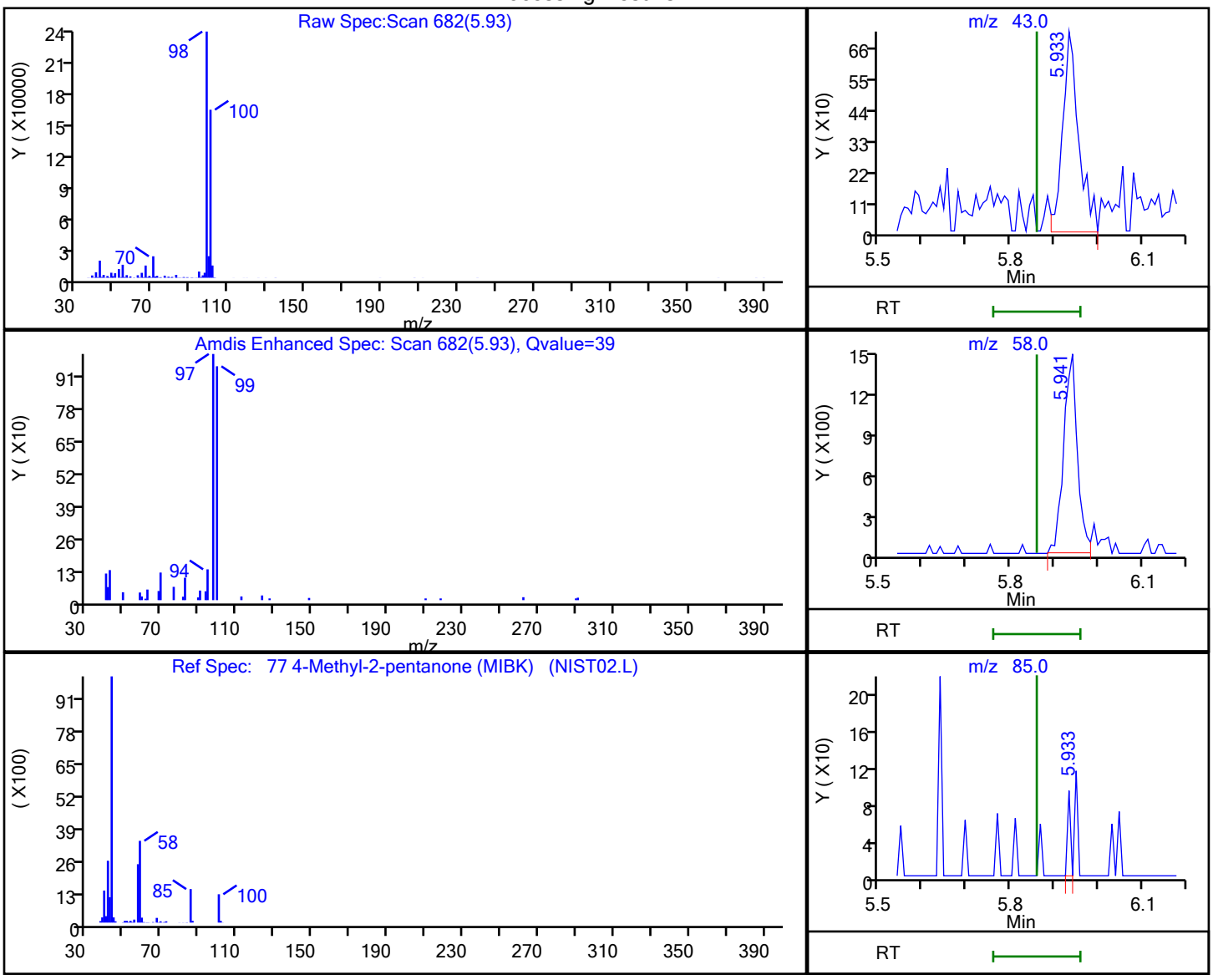
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59689.D
Injection Date: 03-Feb-2026 09:55:30 Instrument ID: CVOAMS6
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.93	43.00	1830	1.204731
5.94	58.00	3175	
5.93	85.00	44	
5.93	100.00	353831	

Reviewer: KG2Q, 03-Feb-2026 10:17:07 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1088584/5

Matrix: Water | Lab File ID: F59684.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 08:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	15.5		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23.6		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.0		0.58	0.19
75-34-3	1,1-Dichloroethane	16.3		1.0	0.26
75-35-4	1,1-Dichloroethene	19.6		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	20.5		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.3		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	17.9		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.8		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.5		1.0	0.21
107-06-2	1,2-Dichloroethane	16.1		0.30	0.087
78-87-5	1,2-Dichloropropane	15.5		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	18.6		1.0	0.33
541-73-1	1,3-Dichlorobenzene	19.5		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.4		1.0	0.33
78-93-3	2-Butanone (MEK)	99.8		5.0	3.9
591-78-6	2-Hexanone	67.1		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	98.2		5.0	1.3
67-64-1	Acetone	97.1		5.0	4.4
71-43-2	Benzene	16.4		0.45	0.070
75-25-2	Bromoform	19.6		1.0	0.54
74-83-9	Bromomethane	20.4		1.0	0.55
75-15-0	Carbon disulfide	17.8		1.0	0.82
56-23-5	Carbon tetrachloride	21.1		1.0	0.21
108-90-7	Chlorobenzene	20.1		1.0	0.38
74-97-5	Chlorobromomethane	22.0		1.0	0.41
124-48-1	Chlorodibromomethane	19.0		0.78	0.086
75-00-3	Chloroethane	17.7		1.0	0.32
67-66-3	Chloroform	18.7		1.0	0.33
74-87-3	Chloromethane	18.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.5		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1088584/5

Matrix: Water | Lab File ID: F59684.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 08:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	15.8		0.45	0.069
110-82-7	Cyclohexane	20.9		1.0	0.32
75-27-4	Dichlorobromomethane	17.8		0.98	0.15
75-71-8	Dichlorodifluoromethane	31.6		1.0	0.31
100-41-4	Ethylbenzene	18.4		1.0	0.30
106-93-4	Ethylene Dibromide	18.8		1.0	0.50
98-82-8	Isopropylbenzene	18.8		1.0	0.34
79-20-9	Methyl acetate	34.9		5.0	0.79
1634-04-4	Methyl tert-butyl ether	16.6		1.0	0.22
108-87-2	Methylcyclohexane	20.4		1.0	0.71
75-09-2	Methylene Chloride	17.9		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	19.0		1.0	0.30
104-51-8	n-Butylbenzene	17.2		1.0	0.32
103-65-1	N-Propylbenzene	16.9		1.0	0.32
95-47-6	o-Xylene	19.1		1.0	0.36
135-98-8	sec-Butylbenzene	18.5		1.0	0.37
100-42-5	Styrene	17.8		1.0	0.42
98-06-6	tert-Butylbenzene	19.0		1.0	0.34
127-18-4	Tetrachloroethene	20.7		0.40	0.28
108-88-3	Toluene	17.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	15.8		0.45	0.12
79-01-6	Trichloroethene	19.5		0.28	0.074
75-69-4	Trichlorofluoromethane	24.0		1.0	0.32
75-01-4	Vinyl chloride	19.3		1.0	0.40
1330-20-7	Xylenes, Total	38.1		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-1088584/5

Matrix: Water Lab File ID: F59684.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 02/03/2026 08:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 1088584 Units: ug/L

Preparation Batch No.: Instrument ID: CVOAMS6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-132
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59684.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 03-Feb-2026 08:10:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0202285-005
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Feb-2026 14:04:26 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: KG2Q Date: 03-Feb-2026 09:24:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.209	1.208	0.000	96	161017	20.0	31.6	
2 Chloromethane	50	1.348	1.348	0.000	99	117002	20.0	18.8	
4 Butadiene	54	1.406	1.414	-0.008	92	93676	20.0	19.4	
3 Vinyl chloride	62	1.422	1.430	-0.008	98	123962	20.0	19.3	
5 Bromomethane	94	1.636	1.636	0.000	99	100466	20.0	20.4	
6 Chloroethane	64	1.685	1.685	0.000	99	58797	20.0	17.7	
7 Dichlorofluoromethane	67	1.825	1.825	0.000	98	175057	20.0	18.6	
9 Pentane	72	1.849	1.849	0.000	96	27440	40.0	67.9	
8 Trichlorofluoromethane	101	1.858	1.849	0.009	62	145142	20.0	24.0	
10 Ethanol	46	1.989	1.997	-0.008	65	8707	800.0	762.1	
11 Ethyl ether	59	1.997	1.997	0.000	90	42076	20.0	15.1	
12 2-Methyl-1,3-butadiene	53	2.022	2.022	0.000	92	49331	20.0	18.0	
13 1,2-Dichloro-1,1,2-trifluoroetha	117	2.047	2.046	0.001	90	85171	20.0	22.0	
14 1,1,1-Trifluoro-2,2-dichloroetha	83	2.088	2.088	0.000	93	128062	20.0	18.7	
16 Acrolein	56	2.145	2.145	0.000	32	8881	40.0	30.6	
15 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.153	2.153	0.000	93	102458	20.0	23.6	
17 1,1-Dichloroethene	96	2.170	2.170	0.000	91	80116	20.0	19.6	
18 Acetone	43	2.236	2.235	0.001	92	47526	100.0	97.1	M
20 Iodomethane	142	2.293	2.301	-0.008	96	162521	20.0	22.3	
19 Isopropyl alcohol	45	2.318	2.318	0.000	26	26456	200.0	212.5	
21 Carbon disulfide	76	2.326	2.334	-0.008	98	285558	20.0	17.8	
23 3-Chloro-1-propene	39	2.425	2.433	-0.008	91	91677	20.0	15.8	
22 Methyl acetate	43	2.433	2.433	0.000	58	47366	40.0	34.9	
24 Cyclopentene	67	2.441	2.449	-0.008	96	189110	20.0	19.0	
32 Acetonitrile	41	2.499	2.507	-0.008	95	33857	200.0	117.8	a
* 25 TBA-d9 (IS)	65	2.523	2.515	0.008	99	168204	1000.0	1000.0	
26 Methylene Chloride	84	2.531	2.531	0.000	82	84980	20.0	17.9	
27 2-Methyl-2-propanol	59	2.573	2.581	-0.008	53	41524	200.0	199.4	
28 Methyl tert-butyl ether	73	2.663	2.663	0.000	96	179849	20.0	16.6	
29 trans-1,2-Dichloroethene	96	2.688	2.687	0.001	86	83702	20.0	19.5	
30 Acrylonitrile	53	2.753	2.753	0.000	96	128283	200.0	141.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	43	2.811	2.811	0.000	88	53962	20.0	16.8	
33 Isopropyl ether	45	2.983	2.983	0.000	94	187486	20.0	14.8	
35 1,1-Dichloroethane	63	3.016	3.024	-0.008	98	116617	20.0	16.3	
34 Vinyl acetate	86	3.024	3.041	-0.017	99	19906	40.0	33.8	
36 2-Chloro-1,3-butadiene	88	3.057	3.057	0.000	85	70339	20.0	18.7	
37 Tert-butyl ethyl ether	59	3.255	3.254	0.001	92	182725	20.0	15.3	
* 38 2-Butanone-d5	46	3.435	3.435	0.000	81	147529	250.0	250.0	
39 2,2-Dichloropropane	97	3.444	3.452	-0.008	90	32078	20.0	18.8	
41 cis-1,2-Dichloroethene	96	3.468	3.468	0.000	94	91102	20.0	18.5	
40 Ethyl acetate	70	3.485	3.484	0.001	96	9114	40.0	36.9	
42 2-Butanone (MEK)	72	3.476	3.484	-0.008	97	22748	100.0	99.8	
43 Methyl acrylate	55	3.534	3.534	0.000	99	27740	20.0	13.8	
44 Propionitrile	54	3.600	3.608	-0.008	97	47437	200.0	176.9	a
45 Chlorobromomethane	128	3.665	3.665	0.000	75	44737	20.0	22.0	
47 Methacrylonitrile	67	3.682	3.682	0.000	87	192775	200.0	161.3	
48 Chloroform	83	3.706	3.706	0.000	98	131085	20.0	18.7	
46 Tetrahydrofuran	42	3.821	3.821	0.000	51	27518	40.0	34.1	
49 Cyclohexane	84	3.830	3.830	0.000	86	143819	20.0	20.9	
51 1,1,1-Trichloroethane	97	3.838	3.838	0.000	95	133904	20.0	20.2	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	97	156890	50.0	54.2	
52 Carbon tetrachloride	117	3.937	3.945	-0.008	96	112413	20.0	21.1	
53 1,1-Dichloropropene	75	3.969	3.969	0.000	95	99388	20.0	17.5	
134 Isooctane	57	4.117	4.117	0.000	97	255844	20.0	16.9	
54 Isobutyl alcohol	43	4.109	4.117	-0.008	33	64138	500.0	846.6	a
55 Benzene	78	4.142	4.142	0.000	95	307101	20.0	16.4	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	91	128546	50.0	46.6	
58 Tert-amyl methyl ether	73	4.191	4.191	0.000	89	217291	20.0	16.8	a
57 Isopropyl acetate	87	4.191	4.191	0.000	93	60192	20.0	18.2	
59 1,2-Dichloroethane	62	4.224	4.224	0.000	96	70630	20.0	16.1	
60 n-Heptane	57	4.282	4.281	0.001	86	55008	20.0	19.0	
* 61 Fluorobenzene	96	4.397	4.405	-0.008	100	611015	50.0	50.0	
63 Trichloroethene	95	4.717	4.725	-0.008	96	82099	20.0	19.5	
65 Methylcyclohexane	83	4.832	4.832	0.000	93	158728	20.0	20.4	
64 Ethyl acrylate	55	4.832	4.832	0.000	80	139485	20.0	16.4	
66 1,2-Dichloropropane	63	4.980	4.980	0.000	94	71389	20.0	15.5	
* 67 1,4-Dioxane-d8	96	5.046	5.046	0.000	47	24523	1000.0	1000.0	a
68 Methyl methacrylate	100	5.054	5.062	-0.008	82	31679	40.0	37.4	
69 1,4-Dioxane	88	5.087	5.087	0.000	57	13996	400.0	425.8	
71 Dibromomethane	93	5.103	5.111	-0.008	97	43396	20.0	17.8	
70 n-Propyl acetate	43	5.112	5.111	0.001	77	50909	20.0	14.0	
72 Dichlorobromomethane	83	5.243	5.243	0.000	98	93725	20.0	17.8	
74 2-Nitropropane	41	5.547	5.547	0.000	85	18851	40.0	30.4	
73 2-Chloroethyl vinyl ether	63	5.563	5.563	0.000	83	32324	20.0	15.6	
75 Epichlorohydrin	57	5.662	5.662	0.000	99	71286	400.0	280.7	
76 cis-1,3-Dichloropropene	75	5.711	5.711	0.000	86	114957	20.0	15.8	
77 4-Methyl-2-pentanone (MIBK)	43	5.859	5.859	0.000	92	179138	100.0	98.2	
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	594872	50.0	47.2	
79 Toluene	91	6.007	6.007	0.000	94	331051	20.0	17.4	
80 trans-1,3-Dichloropropene	75	6.344	6.352	-0.008	93	85429	20.0	15.8	
81 Ethyl methacrylate	69	6.377	6.377	0.000	86	66711	20.0	14.2	
82 1,1,2-Trichloroethane	83	6.541	6.541	0.000	96	52189	20.0	18.0	
83 Tetrachloroethene	166	6.582	6.582	0.000	94	86340	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	6.738	6.738	0.000	87	94459	20.0	16.6	
85 2-Hexanone	43	6.812	6.812	0.000	90	91862	100.0	67.1	
86 n-Butyl acetate	43	6.927	6.927	0.000	94	61586	20.0	13.5	
87 Chlorodibromomethane	129	6.960	6.960	0.000	98	74921	20.0	19.0	
88 Ethylene Dibromide	107	7.108	7.108	0.000	98	65020	20.0	18.8	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	81	458813	50.0	50.0	
90 Chlorobenzene	112	7.667	7.667	0.000	99	232049	20.0	20.1	
91 Ethylbenzene	106	7.766	7.774	-0.008	96	125908	20.0	18.4	
92 1,1,1,2-Tetrachloroethane	131	7.782	7.790	-0.008	96	91091	20.0	19.7	
93 m-Xylene & p-Xylene	106	7.922	7.922	0.000	98	158504	20.0	19.0	
95 o-Xylene	106	8.431	8.431	0.000	95	165291	20.0	19.1	
94 n-Butyl acrylate	73	8.439	8.439	0.000	99	45029	20.0	15.0	
96 Styrene	104	8.472	8.472	0.000	97	227274	20.0	17.8	
98 Bromoform	173	8.719	8.719	0.000	93	40778	20.0	19.6	
97 Amyl acetate (mixed isomers)	43	8.727	8.727	0.000	92	78627	20.0	12.6	
99 Isopropylbenzene	105	8.858	8.858	0.000	94	380050	20.0	18.8	
$ 100 4-Bromofluorobenzene	174	9.056	9.064	-0.008	92	172900	50.0	52.2	
101 Bromobenzene	156	9.179	9.179	0.000	92	97611	20.0	20.0	
102 1,1,2,2-Tetrachloroethane	83	9.236	9.236	0.000	98	77349	20.0	15.5	
103 N-Propylbenzene	91	9.253	9.253	0.000	100	443861	20.0	16.9	
104 1,2,3-Trichloropropane	110	9.269	9.269	0.000	94	21898	20.0	16.8	
105 trans-1,4-Dichloro-2-butene	53	9.294	9.294	0.000	82	13655	20.0	13.7	a
106 2-Chlorotoluene	91	9.343	9.343	0.000	96	307693	20.0	16.7	
107 4-Ethyltoluene	105	9.351	9.359	-0.008	98	386898	20.0	18.3	
108 1,3,5-Trimethylbenzene	105	9.417	9.417	0.000	95	364808	20.0	18.6	
109 4-Chlorotoluene	91	9.442	9.442	0.000	95	279819	20.0	16.5	
110 Butyl Methacrylate	87	9.508	9.507	0.001	82	121793	20.0	15.7	
111 tert-Butylbenzene	119	9.655	9.655	0.000	96	304917	20.0	19.0	
112 1,2,4-Trimethylbenzene	105	9.705	9.705	0.000	95	353965	20.0	17.9	
113 sec-Butylbenzene	105	9.812	9.811	0.001	99	471685	20.0	18.5	
115 1,3-Dichlorobenzene	146	9.918	9.910	0.008	68	200966	20.0	19.5	
114 4-Isopropyltoluene	119	9.918	9.918	0.000	98	418262	20.0	19.5	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	92	263619	50.0	50.0	
117 1,4-Dichlorobenzene	146	9.984	9.984	0.000	96	206932	20.0	19.4	
118 1,2,3-Trimethylbenzene	105	10.001	9.992	0.009	96	385086	20.0	18.5	
119 Benzyl chloride	91	10.091	10.083	0.008	100	168425	20.0	15.9	
120 2,3-Dihydroindene	117	10.132	10.124	0.008	94	354502	20.0	19.2	
121 p-Diethylbenzene	119	10.173	10.165	0.008	94	256037	20.0	19.1	
122 n-Butylbenzene	92	10.190	10.181	0.009	98	208394	20.0	17.2	
123 1,2-Dichlorobenzene	146	10.231	10.222	0.009	99	205245	20.0	19.5	
124 1,2,4,5-Tetramethylbenzene	119	10.650	10.633	0.017	98	429707	20.0	19.7	
125 1,2-Dibromo-3-Chloropropane	157	10.724	10.699	0.025	90	18812	20.0	17.8	
126 1,3,5-Trichlorobenzene	180	10.798	10.781	0.017	97	174255	20.0	19.6	
127 1,2,4-Trichlorobenzene	180	11.159	11.126	0.033	94	168163	20.0	20.3	
128 Hexachlorobutadiene	225	11.217	11.184	0.033	94	59788	20.0	19.4	
129 Naphthalene	128	11.299	11.266	0.033	99	360345	20.0	19.4	
130 1,2,3-Trichlorobenzene	180	11.439	11.405	0.034	97	152392	20.0	20.5	
S 131 1,2-Dichloroethene, Total	100				0		40.0	38.0	
S 132 Total BTEX	1				0		100.0	90.2	
S 133 Xylenes, Total	100				0		40.0	38.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00193	Amount Added:	4.00	Units: uL	
524FREONS_00051	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00217	Amount Added:	20.00	Units: uL	
GASES Li_00682	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00085	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 03-Feb-2026 14:04:28 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59684.D

Injection Date: 03-Feb-2026 08:10:30 Instrument ID: CVOAMS6 Operator ID:

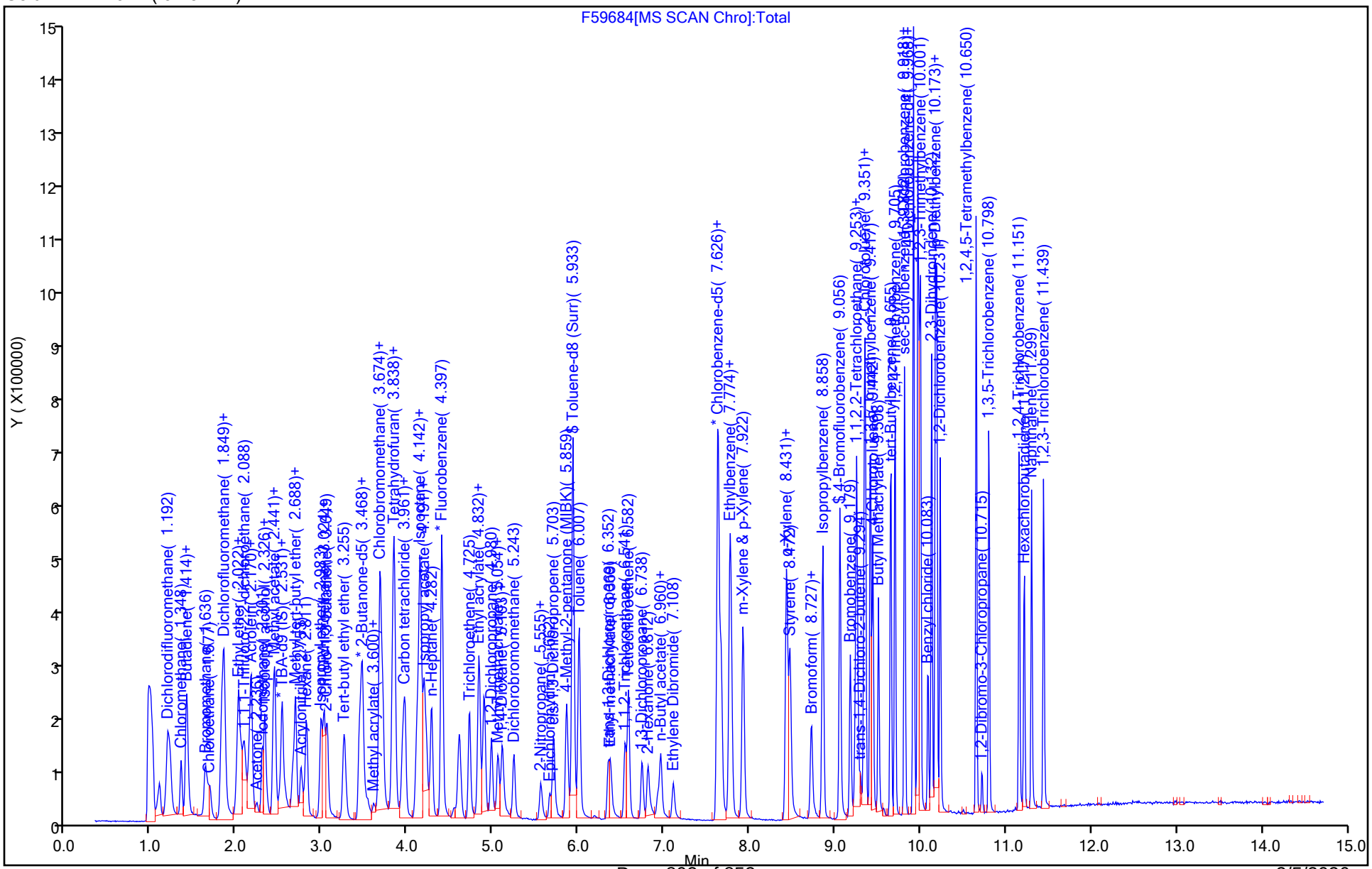
Lims ID: LCS Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



2/5/2026
8:39:33 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59684.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 03-Feb-2026 08:10:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0202285-005
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Feb-2026 14:04:26 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: KG2Q Date: 03-Feb-2026 09:24:32

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	54.2	108.36
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	46.6	93.22
$ 78 Toluene-d8 (Surr)	50.0	47.2	94.30
$ 100 4-Bromofluorobenzene	50.0	52.2	104.41

Manual Integration/User Assign Peak Report

Eurofins Edison

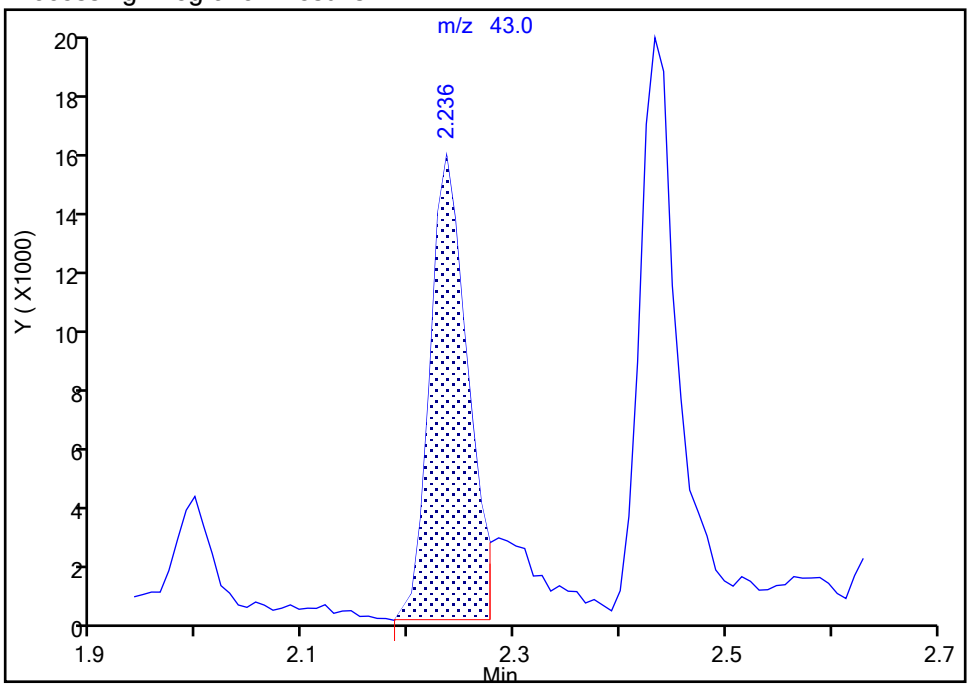
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59684.D
Injection Date: 03-Feb-2026 08:10:30 Instrument ID: CVOAMS6
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

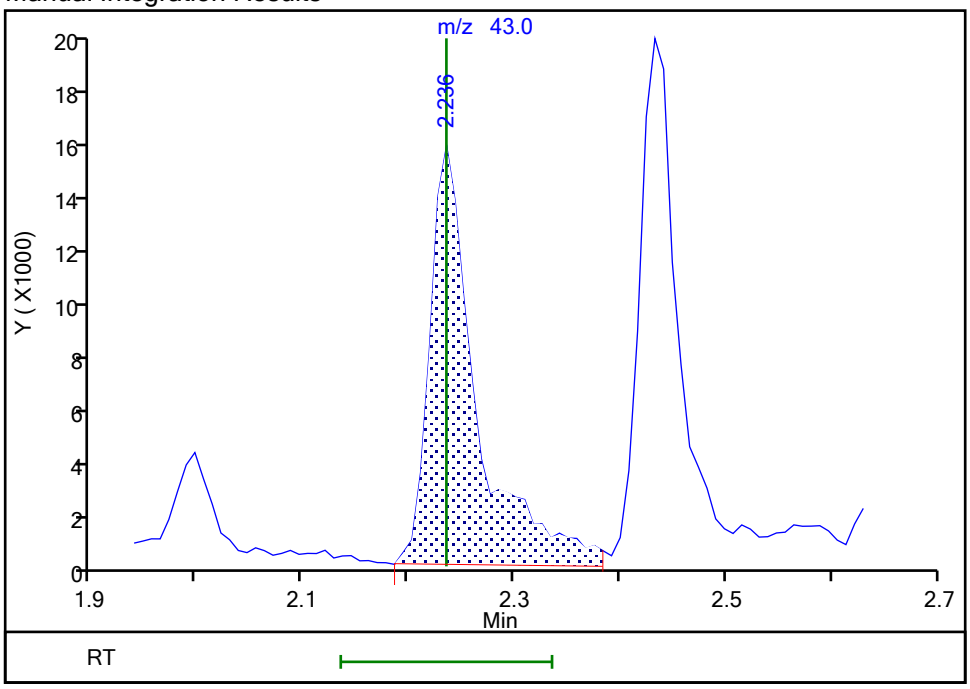
Processing Integration Results

RT: 2.24
Area: 38333
Amount: 78.338221
Amount Units: ug/l



Manual Integration Results

RT: 2.24
Area: 47526
Amount: 97.125252
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 12:18:54 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

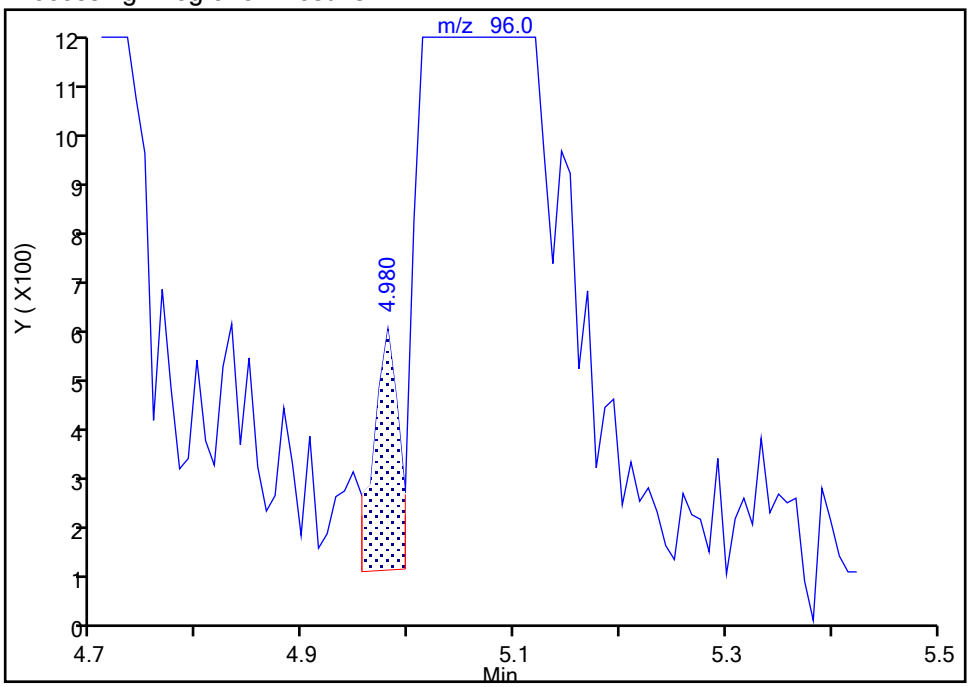
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59684.D
Injection Date: 03-Feb-2026 08:10:30 Instrument ID: CVOAMS6
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

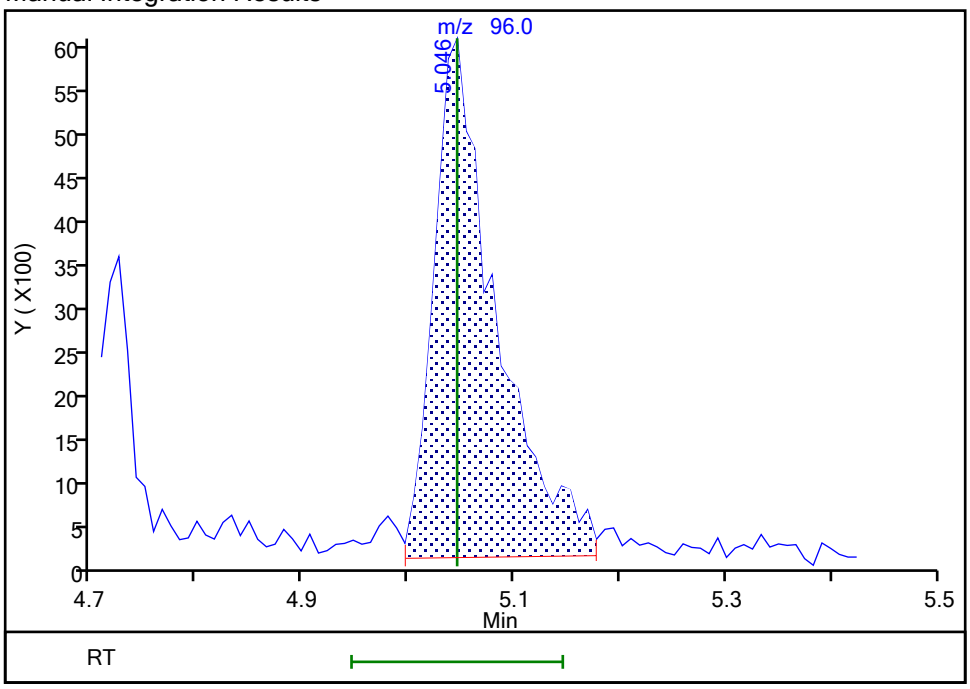
Processing Integration Results

RT: 4.98
Area: 791
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.05
Area: 24523
Amount: 1000.0000
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 09:23:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1088584/6

Matrix: Water | Lab File ID: F59685.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 08:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.0		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.2		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25.2		1.0	0.31
79-00-5	1,1,2-Trichloroethane	17.7		0.58	0.19
75-34-3	1,1-Dichloroethane	17.9		1.0	0.26
75-35-4	1,1-Dichloroethene	21.3		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	22.2		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	21.5		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	19.0		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.8		1.0	0.21
107-06-2	1,2-Dichloroethane	17.2		0.30	0.087
78-87-5	1,2-Dichloropropane	15.8		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	19.4		1.0	0.33
541-73-1	1,3-Dichlorobenzene	20.7		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.3		1.0	0.33
78-93-3	2-Butanone (MEK)	116		5.0	3.9
591-78-6	2-Hexanone	66.8		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	102		5.0	1.3
67-64-1	Acetone	102		5.0	4.4
71-43-2	Benzene	17.4		0.45	0.070
75-25-2	Bromoform	20.4		1.0	0.54
74-83-9	Bromomethane	20.9		1.0	0.55
75-15-0	Carbon disulfide	19.1		1.0	0.82
56-23-5	Carbon tetrachloride	22.4		1.0	0.21
108-90-7	Chlorobenzene	20.7		1.0	0.38
74-97-5	Chlorobromomethane	23.0		1.0	0.41
124-48-1	Chlorodibromomethane	20.0		0.78	0.086
75-00-3	Chloroethane	18.0		1.0	0.32
67-66-3	Chloroform	19.9		1.0	0.33
74-87-3	Chloromethane	18.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.6		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1088584/6

Matrix: Water | Lab File ID: F59685.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 08:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	16.1		0.45	0.069
110-82-7	Cyclohexane	22.7		1.0	0.32
75-27-4	Dichlorobromomethane	18.6		0.98	0.15
75-71-8	Dichlorodifluoromethane	32.3		1.0	0.31
100-41-4	Ethylbenzene	19.8		1.0	0.30
106-93-4	Ethylene Dibromide	18.1		1.0	0.50
98-82-8	Isopropylbenzene	19.6		1.0	0.34
79-20-9	Methyl acetate	34.0		5.0	0.79
1634-04-4	Methyl tert-butyl ether	17.2		1.0	0.22
108-87-2	Methylcyclohexane	21.7		1.0	0.71
75-09-2	Methylene Chloride	19.6		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	20.1		1.0	0.30
104-51-8	n-Butylbenzene	18.2		1.0	0.32
103-65-1	N-Propylbenzene	18.0		1.0	0.32
95-47-6	o-Xylene	20.1		1.0	0.36
135-98-8	sec-Butylbenzene	20.0		1.0	0.37
100-42-5	Styrene	17.8		1.0	0.42
98-06-6	tert-Butylbenzene	19.9		1.0	0.34
127-18-4	Tetrachloroethene	21.3		0.40	0.28
108-88-3	Toluene	18.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	16.2		0.45	0.12
79-01-6	Trichloroethene	19.7		0.28	0.074
75-69-4	Trichlorofluoromethane	25.1		1.0	0.32
75-01-4	Vinyl chloride	19.3		1.0	0.40
1330-20-7	Xylenes, Total	40.2		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1088584/6

Matrix: Water | Lab File ID: F59685.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 08:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-132
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59685.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 03-Feb-2026 08:31:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0202285-006
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Feb-2026 14:05:30 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: KG2Q Date: 03-Feb-2026 09:26:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.208	1.208	0.000	99	146002	20.0	32.3	
2 Chloromethane	50	1.348	1.348	0.000	99	101470	20.0	18.3	
4 Butadiene	54	1.406	1.414	-0.008	93	83244	20.0	19.4	
3 Vinyl chloride	62	1.422	1.430	-0.008	98	109904	20.0	19.3	
5 Bromomethane	94	1.636	1.636	0.000	99	91489	20.0	20.9	
6 Chloroethane	64	1.685	1.685	0.000	98	53048	20.0	18.0	
7 Dichlorofluoromethane	67	1.825	1.825	0.000	98	162283	20.0	19.4	
9 Pentane	72	1.841	1.849	-0.008	96	24684	40.0	73.1	
8 Trichlorofluoromethane	101	1.849	1.849	0.000	65	135009	20.0	25.1	
10 Ethanol	46	1.997	1.997	0.000	68	8570	800.0	880.1	
11 Ethyl ether	59	1.997	1.997	0.000	92	40889	20.0	16.6	
12 2-Methyl-1,3-butadiene	53	2.014	2.022	-0.008	92	47899	20.0	19.7	
13 1,2-Dichloro-1,1,2-trifluoroetha	117	2.046	2.046	0.000	83	79637	20.0	23.2	
14 1,1,1-Trifluoro-2,2-dichloroetha	83	2.088	2.088	0.000	94	121318	20.0	20.0	
16 Acrolein	56	2.137	2.145	-0.008	30	8361	40.0	34.5	
15 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.153	2.153	0.000	92	97442	20.0	25.2	a
17 1,1-Dichloroethene	96	2.170	2.170	0.000	92	77060	20.0	21.3	
18 Acetone	43	2.235	2.235	0.000	20	41573	100.0	101.6	M
20 Iodomethane	142	2.293	2.301	-0.008	96	151291	20.0	23.3	
19 Isopropyl alcohol	45	2.301	2.318	-0.017	96	20925	200.0	197.2	
21 Carbon disulfide	76	2.326	2.334	-0.008	98	272705	20.0	19.1	
23 3-Chloro-1-propene	39	2.424	2.433	-0.009	90	93254	20.0	18.1	
22 Methyl acetate	43	2.433	2.433	0.000	42	39390	40.0	34.0	
24 Cyclopentene	67	2.441	2.449	-0.008	95	175094	20.0	19.8	a
32 Acetonitrile	41	2.498	2.507	-0.009	35	38954	200.0	159.0	a
* 25 TBA-d9 (IS)	65	2.523	2.515	0.008	100	143354	1000.0	1000.0	
26 Methylene Chloride	84	2.531	2.531	0.000	81	82464	20.0	19.6	
27 2-Methyl-2-propanol	59	2.581	2.581	0.000	28	35792	200.0	201.6	a
28 Methyl tert-butyl ether	73	2.663	2.663	0.000	96	166201	20.0	17.2	
29 trans-1,2-Dichloroethene	96	2.687	2.687	0.000	85	79833	20.0	20.9	
30 Acrylonitrile	53	2.753	2.753	0.000	97	120499	200.0	150.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	43	2.811	2.811	0.000	88	52583	20.0	18.4	
33 Isopropyl ether	45	2.983	2.983	0.000	95	173095	20.0	15.4	
35 1,1-Dichloroethane	63	3.016	3.024	-0.008	98	113881	20.0	17.9	
34 Vinyl acetate	86	3.033	3.041	-0.008	99	16781	40.0	32.1	
36 2-Chloro-1,3-butadiene	88	3.057	3.057	0.000	84	65433	20.0	19.6	
37 Tert-butyl ethyl ether	59	3.254	3.254	0.000	92	169209	20.0	16.0	
* 38 2-Butanone-d5	46	3.435	3.435	0.000	66	123335	250.0	250.0	
39 2,2-Dichloropropane	97	3.443	3.452	-0.009	89	31286	20.0	20.7	
41 cis-1,2-Dichloroethene	96	3.468	3.468	0.000	95	85730	20.0	19.6	
40 Ethyl acetate	70	3.476	3.484	-0.008	94	8721	40.0	41.4	
42 2-Butanone (MEK)	72	3.484	3.484	0.000	98	22169	100.0	116.3	
43 Methyl acrylate	55	3.534	3.534	0.000	99	23178	20.0	12.9	
44 Propionitrile	54	3.608	3.608	0.000	30	40425	200.0	176.8	a
45 Chlorobromomethane	128	3.665	3.665	0.000	79	41572	20.0	23.0	
47 Methacrylonitrile	67	3.682	3.682	0.000	88	170593	200.0	160.7	
48 Chloroform	83	3.706	3.706	0.000	98	124132	20.0	19.9	
46 Tetrahydrofuran	42	3.830	3.821	0.009	50	26251	40.0	38.2	
49 Cyclohexane	84	3.830	3.830	0.000	84	138847	20.0	22.7	
51 1,1,1-Trichloroethane	97	3.838	3.838	0.000	92	123723	20.0	21.0	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	97	136985	50.0	53.3	
52 Carbon tetrachloride	117	3.936	3.945	-0.009	96	106187	20.0	22.4	
53 1,1-Dichloropropene	75	3.969	3.969	0.000	96	93255	20.0	18.5	
134 Isooctane	57	4.117	4.117	0.000	97	241277	20.0	17.9	
54 Isobutyl alcohol	43	4.109	4.117	-0.008	35	58268	500.0	903.1	a
55 Benzene	78	4.142	4.142	0.000	96	290570	20.0	17.4	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	91	114477	50.0	46.7	
58 Tert-amyl methyl ether	73	4.191	4.191	0.000	89	195502	20.0	17.0	
57 Isopropyl acetate	87	4.191	4.191	0.000	93	53818	20.0	18.3	
59 1,2-Dichloroethane	62	4.224	4.224	0.000	97	66943	20.0	17.2	
60 n-Heptane	57	4.281	4.281	0.000	85	51116	20.0	19.9	
* 61 Fluorobenzene	96	4.397	4.405	-0.008	100	542627	50.0	50.0	
63 Trichloroethene	95	4.717	4.725	-0.008	95	73569	20.0	19.7	
65 Methylcyclohexane	83	4.832	4.832	0.000	94	149675	20.0	21.7	
64 Ethyl acrylate	55	4.832	4.832	0.000	81	114691	20.0	15.2	
66 1,2-Dichloropropane	63	4.980	4.980	0.000	95	64687	20.0	15.8	
* 67 1,4-Dioxane-d8	96	5.046	5.046	0.000	43	21341	1000.0	1000.0	a
68 Methyl methacrylate	100	5.062	5.062	0.000	82	26752	40.0	35.6	
69 1,4-Dioxane	88	5.087	5.087	0.000	58	12532	400.0	438.1	
71 Dibromomethane	93	5.103	5.111	-0.008	98	40102	20.0	18.6	
70 n-Propyl acetate	43	5.111	5.111	0.000	67	39788	20.0	12.4	
72 Dichlorobromomethane	83	5.243	5.243	0.000	98	86718	20.0	18.6	
74 2-Nitropropane	41	5.555	5.547	0.008	82	17618	40.0	32.0	
73 2-Chloroethyl vinyl ether	63	5.563	5.563	0.000	85	28915	20.0	15.7	
75 Epichlorohydrin	57	5.670	5.662	0.008	98	63481	400.0	293.3	
76 cis-1,3-Dichloropropene	75	5.703	5.711	-0.008	86	104615	20.0	16.1	
77 4-Methyl-2-pentanone (MIBK)	43	5.859	5.859	0.000	92	155713	100.0	102.1	
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	515562	50.0	45.9	
79 Toluene	91	6.007	6.007	0.000	93	311274	20.0	18.3	
80 trans-1,3-Dichloropropene	75	6.344	6.352	-0.008	96	78055	20.0	16.2	
81 Ethyl methacrylate	69	6.377	6.377	0.000	85	61401	20.0	14.7	
82 1,1,2-Trichloroethane	83	6.541	6.541	0.000	95	45891	20.0	17.7	
83 Tetrachloroethene	166	6.582	6.582	0.000	94	79111	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	6.738	6.738	0.000	87	86083	20.0	16.9	
85 2-Hexanone	43	6.812	6.812	0.000	91	78047	100.0	66.8	
86 n-Butyl acetate	43	6.936	6.927	0.009	80	56256	20.0	13.8	
87 Chlorodibromomethane	129	6.960	6.960	0.000	98	70289	20.0	20.0	
88 Ethylene Dibromide	107	7.108	7.108	0.000	100	55861	20.0	18.1	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	82	408879	50.0	50.0	
90 Chlorobenzene	112	7.667	7.667	0.000	99	213330	20.0	20.7	
91 Ethylbenzene	106	7.774	7.774	0.000	96	121302	20.0	19.8	
92 1,1,1,2-Tetrachloroethane	131	7.782	7.790	-0.008	96	84612	20.0	20.5	
93 m-Xylene & p-Xylene	106	7.922	7.922	0.000	97	149782	20.0	20.1	
95 o-Xylene	106	8.431	8.431	0.000	96	154751	20.0	20.1	
94 n-Butyl acrylate	73	8.439	8.439	0.000	98	39728	20.0	14.9	
96 Styrene	104	8.472	8.472	0.000	98	202630	20.0	17.8	
98 Bromoform	173	8.719	8.719	0.000	96	37901	20.0	20.4	
97 Amyl acetate (mixed isomers)	43	8.727	8.727	0.000	92	68827	20.0	12.4	
99 Isopropylbenzene	105	8.858	8.858	0.000	94	352275	20.0	19.6	
$ 100 4-Bromofluorobenzene	174	9.056	9.064	-0.008	93	152514	50.0	51.7	
101 Bromobenzene	156	9.179	9.179	0.000	93	89028	20.0	20.5	
102 1,1,2,2-Tetrachloroethane	83	9.236	9.236	0.000	98	71484	20.0	16.2	
103 N-Propylbenzene	91	9.253	9.253	0.000	100	418132	20.0	18.0	
104 1,2,3-Trichloropropane	110	9.269	9.269	0.000	93	20212	20.0	17.5	
105 trans-1,4-Dichloro-2-butene	53	9.294	9.294	0.000	74	11523	20.0	13.1	a
106 2-Chlorotoluene	91	9.343	9.343	0.000	96	293872	20.0	18.0	
107 4-Ethyltoluene	105	9.351	9.359	-0.008	98	369639	20.0	19.7	
108 1,3,5-Trimethylbenzene	105	9.417	9.417	0.000	95	337852	20.0	19.4	
109 4-Chlorotoluene	91	9.442	9.442	0.000	95	270964	20.0	18.0	
110 Butyl Methacrylate	87	9.507	9.507	0.000	82	114240	20.0	16.6	
111 tert-Butylbenzene	119	9.655	9.655	0.000	97	283213	20.0	19.9	
112 1,2,4-Trimethylbenzene	105	9.705	9.705	0.000	95	333670	20.0	19.0	
113 sec-Butylbenzene	105	9.811	9.811	0.000	99	450366	20.0	20.0	
115 1,3-Dichlorobenzene	146	9.918	9.910	0.008	66	188472	20.0	20.7	
114 4-Isopropyltoluene	119	9.918	9.918	0.000	98	395908	20.0	20.8	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	93	233570	50.0	50.0	
117 1,4-Dichlorobenzene	146	9.984	9.984	0.000	97	201777	20.0	21.3	
118 1,2,3-Trimethylbenzene	105	10.000	9.992	0.008	96	363642	20.0	19.8	
119 Benzyl chloride	91	10.083	10.083	0.000	100	151048	20.0	16.1	
120 2,3-Dihydroindene	117	10.124	10.124	0.000	94	337162	20.0	20.7	
121 p-Diethylbenzene	119	10.173	10.165	0.008	94	238738	20.0	20.1	
122 n-Butylbenzene	92	10.189	10.181	0.008	98	195415	20.0	18.2	
123 1,2-Dichlorobenzene	146	10.222	10.222	0.000	98	193913	20.0	20.8	
124 1,2,4,5-Tetramethylbenzene	119	10.641	10.633	0.008	98	394178	20.0	20.4	
125 1,2-Dibromo-3-Chloropropane	157	10.707	10.699	0.008	90	17581	20.0	18.8	
126 1,3,5-Trichlorobenzene	180	10.789	10.781	0.008	97	166838	20.0	21.1	
127 1,2,4-Trichlorobenzene	180	11.143	11.126	0.017	94	157775	20.0	21.5	
128 Hexachlorobutadiene	225	11.200	11.184	0.016	94	56790	20.0	20.8	
129 Naphthalene	128	11.282	11.266	0.016	99	341595	20.0	20.7	
130 1,2,3-Trichlorobenzene	180	11.422	11.405	0.017	97	146519	20.0	22.2	
S 131 1,2-Dichloroethene, Total	100				0		40.0	40.5	
S 132 Total BTEX	1				0		100.0	95.8	
S 133 Xylenes, Total	100				0		40.0	40.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00193	Amount Added: 4.00	Units: uL	
524FREONS_00051	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00217	Amount Added: 20.00	Units: uL	
GASES Li_00682	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00085	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 03-Feb-2026 14:05:31 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59685.D

Injection Date: 03-Feb-2026 08:31:30 Instrument ID: CVOAMS6 Operator ID:

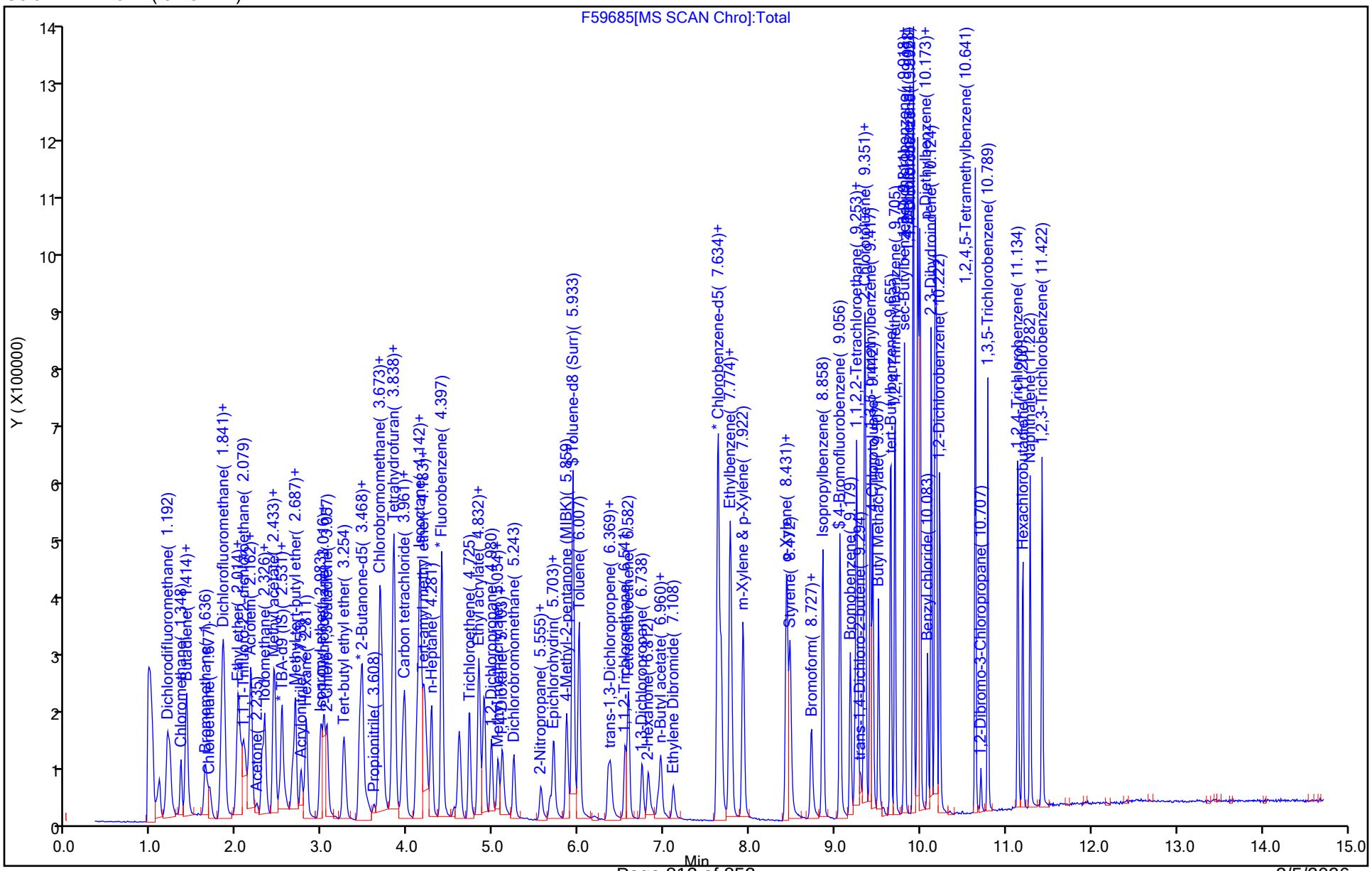
Lims ID: LCSD Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59685.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 03-Feb-2026 08:31:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0202285-006
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Feb-2026 14:05:30 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: KG2Q Date: 03-Feb-2026 09:26:13

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.3	106.53
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	46.7	93.48
$ 78 Toluene-d8 (Surr)	50.0	45.9	91.71
$ 100 4-Bromofluorobenzene	50.0	51.7	103.34

Manual Integration/User Assign Peak Report

Eurofins Edison

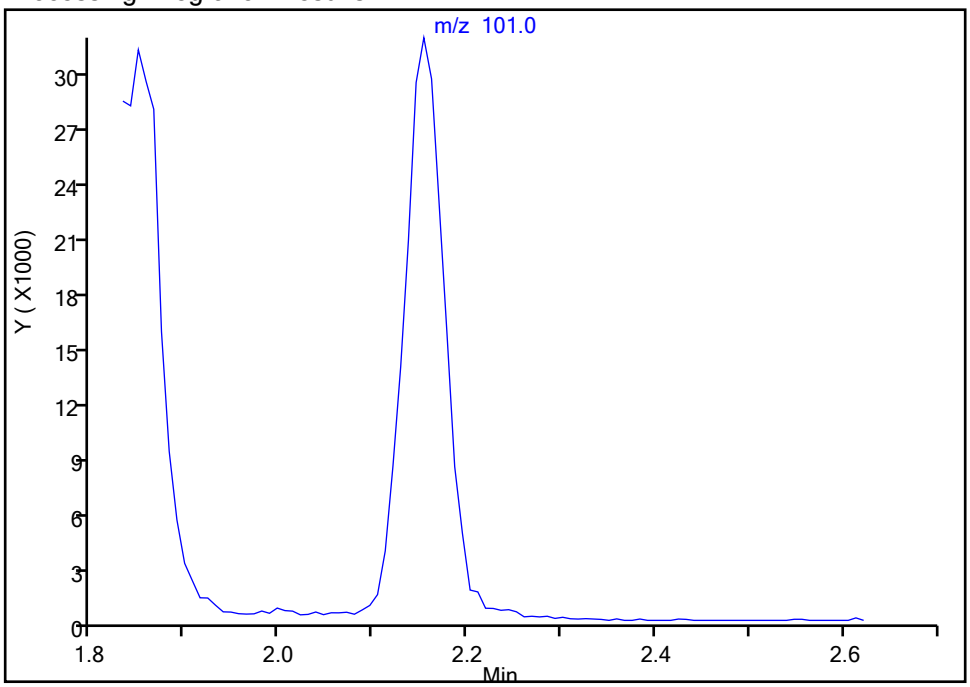
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59685.D
Injection Date: 03-Feb-2026 08:31:30 Instrument ID: CVOAMS6
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

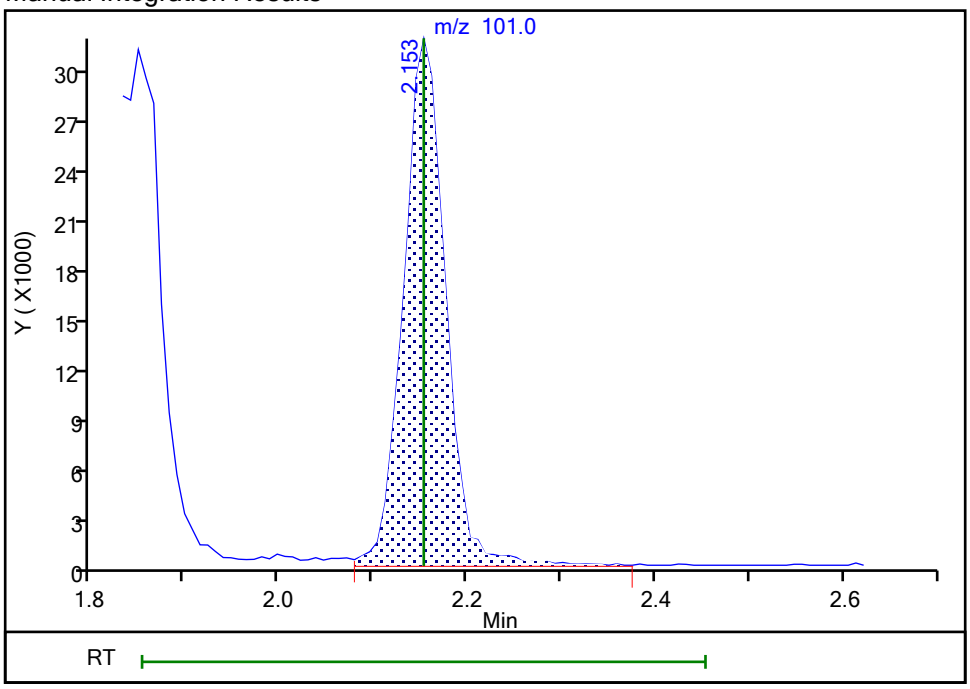
Not Detected
Expected RT: 2.15

Processing Integration Results



Manual Integration Results

RT: 2.15
Area: 97442
Amount: 25.239972
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 09:24:53 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

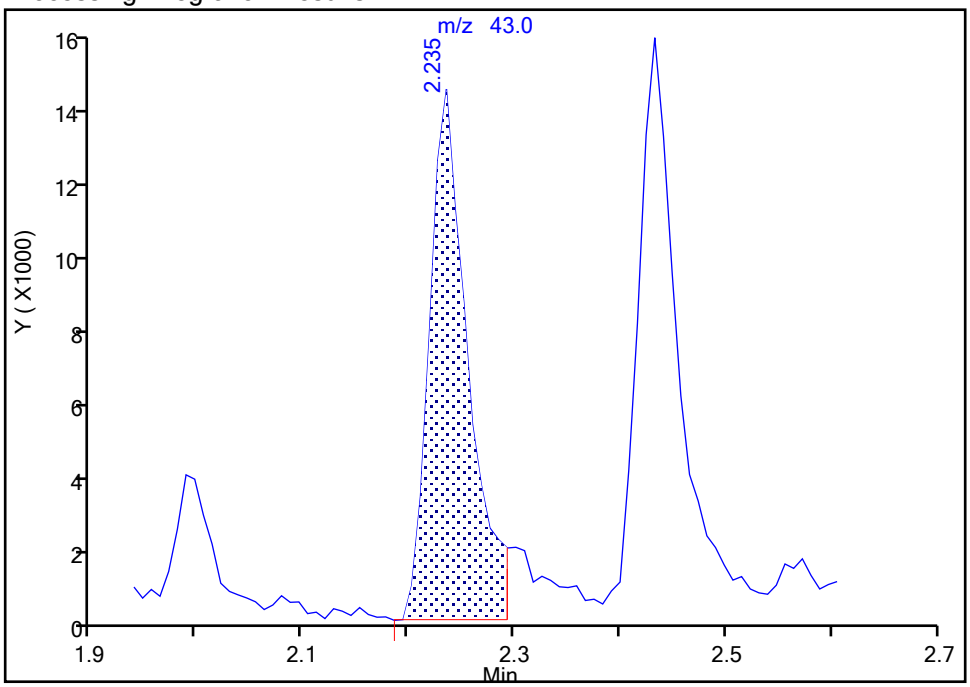
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59685.D
Injection Date: 03-Feb-2026 08:31:30 Instrument ID: CVOAMS6
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

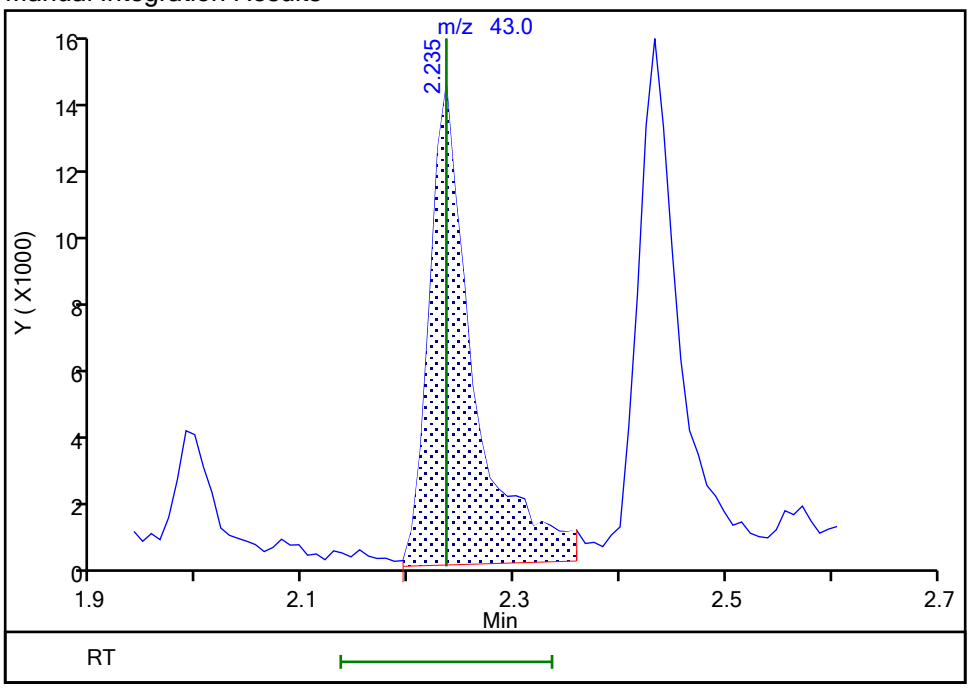
Processing Integration Results

RT: 2.24
Area: 36290
Amount: 88.711296
Amount Units: ug/l



Manual Integration Results

RT: 2.24
Area: 41573
Amount: 101.6256
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 12:19:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

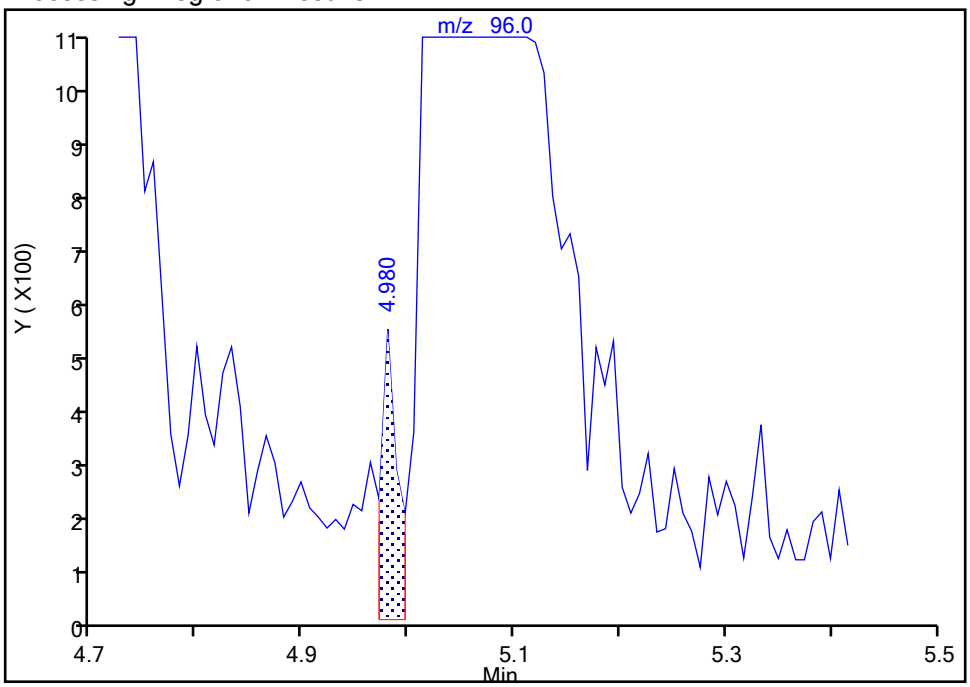
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59685.D
Injection Date: 03-Feb-2026 08:31:30 Instrument ID: CVOAMS6
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

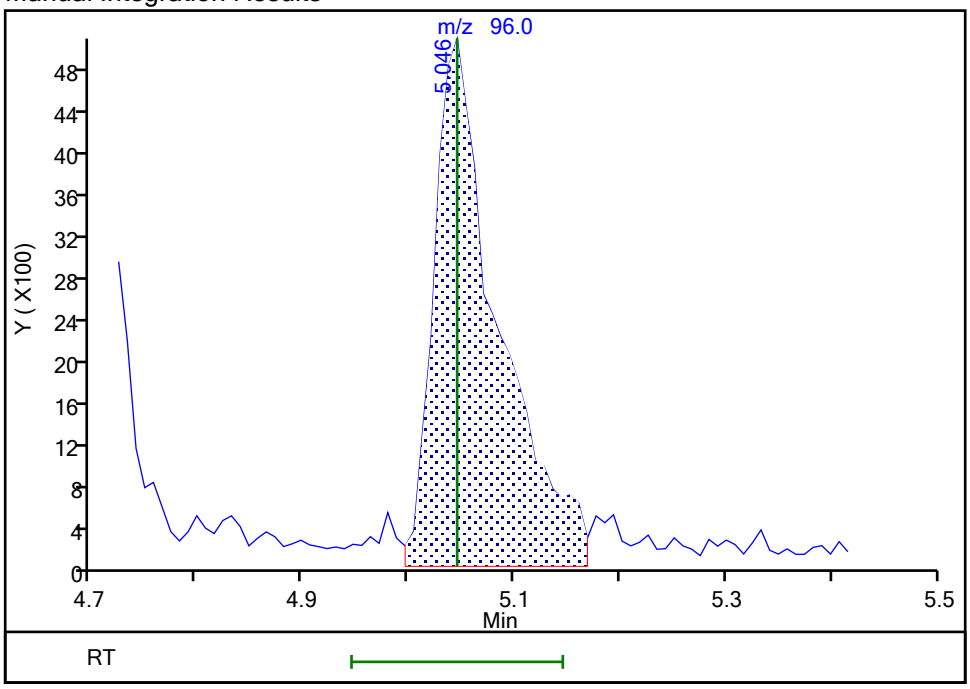
Processing Integration Results

RT: 4.98
Area: 572
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.05
Area: 21341
Amount: 1000.0000
Amount Units: ug/l



Reviewer: KG2Q, 03-Feb-2026 09:24:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-7_20260128 MS | Lab Sample ID: 460-344099-2 MS

Matrix: Water | Lab File ID: F59697.D

Analysis Method: 8260D | Date Collected: 01/28/2026 13:52

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 12:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	14.8		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.8		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.9		0.58	0.19
75-34-3	1,1-Dichloroethane	16.5		1.0	0.26
75-35-4	1,1-Dichloroethene	20.0		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	19.7		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.8		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	17.5		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.1		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.0		1.0	0.21
107-06-2	1,2-Dichloroethane	16.2		0.30	0.087
78-87-5	1,2-Dichloropropane	14.6		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	18.1		1.0	0.33
541-73-1	1,3-Dichlorobenzene	18.7		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.4		1.0	0.33
78-93-3	2-Butanone (MEK)	97.8		5.0	3.9
591-78-6	2-Hexanone	60.8		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	1.3
67-64-1	Acetone	86.0		5.0	4.4
71-43-2	Benzene	16.4		0.45	0.070
75-25-2	Bromoform	18.9		1.0	0.54
74-83-9	Bromomethane	19.9		1.0	0.55
75-15-0	Carbon disulfide	17.2		1.0	0.82
56-23-5	Carbon tetrachloride	21.4		1.0	0.21
108-90-7	Chlorobenzene	20.0		1.0	0.38
74-97-5	Chlorobromomethane	22.0		1.0	0.41
124-48-1	Chlorodibromomethane	18.4		0.78	0.086
75-00-3	Chloroethane	16.9		1.0	0.32
67-66-3	Chloroform	19.0		1.0	0.33
74-87-3	Chloromethane	16.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.8		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-7_20260128 MS | Lab Sample ID: 460-344099-2 MS

Matrix: Water | Lab File ID: F59697.D

Analysis Method: 8260D | Date Collected: 01/28/2026 13:52

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 12:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	15.0		0.45	0.069
110-82-7	Cyclohexane	21.3		1.0	0.32
75-27-4	Dichlorobromomethane	17.2		0.98	0.15
75-71-8	Dichlorodifluoromethane	28.3		1.0	0.31
100-41-4	Ethylbenzene	18.1		1.0	0.30
106-93-4	Ethylene Dibromide	17.3		1.0	0.50
98-82-8	Isopropylbenzene	18.6		1.0	0.34
79-20-9	Methyl acetate	29.0		5.0	0.79
1634-04-4	Methyl tert-butyl ether	17.2		1.0	0.22
108-87-2	Methylcyclohexane	20.5		1.0	0.71
75-09-2	Methylene Chloride	18.3		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	19.0		1.0	0.30
104-51-8	n-Butylbenzene	16.4		1.0	0.32
103-65-1	N-Propylbenzene	16.8		1.0	0.32
95-47-6	o-Xylene	18.6		1.0	0.36
135-98-8	sec-Butylbenzene	18.4		1.0	0.37
100-42-5	Styrene	17.9		1.0	0.42
98-06-6	tert-Butylbenzene	18.4		1.0	0.34
127-18-4	Tetrachloroethene	99.1		0.40	0.28
108-88-3	Toluene	17.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	15.5		0.45	0.12
79-01-6	Trichloroethene	19.3		0.28	0.074
75-69-4	Trichlorofluoromethane	23.5		1.0	0.32
75-01-4	Vinyl chloride	17.7		1.0	0.40
1330-20-7	Xylenes, Total	37.7		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-7_20260128 MS | Lab Sample ID: 460-344099-2 MS

Matrix: Water | Lab File ID: F59697.D

Analysis Method: 8260D | Date Collected: 01/28/2026 13:52

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 12:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-132
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59697.D
Lims ID: 460-344099-B-2 MS
Client ID: MW-7_20260128
Sample Type: MS
Inject. Date: 03-Feb-2026 12:42:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-344099-B-2 MS
Misc. Info.: 460-0202285-017
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Feb-2026 09:34:46 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: KG2Q Date: 04-Feb-2026 06:52:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.208	1.208	0.000	96	130644	20.0	28.3	
2 Chloromethane	50	1.348	1.348	0.000	99	91596	20.0	16.2	
4 Butadiene	54	1.414	1.414	0.000	92	82307	20.0	18.9	
3 Vinyl chloride	62	1.422	1.430	-0.008	98	103075	20.0	17.7	
5 Bromomethane	94	1.644	1.636	0.008	99	88867	20.0	19.9	
6 Chloroethane	64	1.685	1.685	0.000	99	50908	20.0	16.9	
7 Dichlorofluoromethane	67	1.825	1.825	0.000	99	159200	20.0	18.7	
9 Pentane	72	1.849	1.849	0.000	97	23106	40.0	67.2	
8 Trichlorofluoromethane	101	1.857	1.849	0.008	97	128936	20.0	23.5	
10 Ethanol	46	1.989	1.997	-0.008	64	6070	800.0	558.0	
11 Ethyl ether	59	1.997	1.997	0.000	93	38907	20.0	15.5	
12 2-Methyl-1,3-butadiene	53	2.022	2.022	0.000	94	46727	20.0	18.9	
13 1,2-Dichloro-1,1,2-trifluoroetha	117	2.046	2.046	0.000	82	77953	20.0	22.3	
14 1,1,1-Trifluoro-2,2-dichloroetha	83	2.096	2.088	0.008	92	119744	20.0	19.4	
16 Acrolein	56	2.137	2.145	-0.008	31	6691	40.0	27.1	
15 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.161	2.153	0.008	94	89704	20.0	22.8	a
17 1,1-Dichloroethene	96	2.170	2.170	0.000	92	73766	20.0	20.0	
18 Acetone	43	2.244	2.235	0.009	89	35843	100.0	86.0	
20 Iodomethane	142	2.301	2.301	0.000	96	145121	20.0	22.0	
19 Isopropyl alcohol	45	2.326	2.318	0.008	25	17619	200.0	148.7	
21 Carbon disulfide	76	2.334	2.334	0.000	97	250614	20.0	17.2	
23 3-Chloro-1-propene	39	2.424	2.433	-0.009	90	83561	20.0	15.9	
22 Methyl acetate	43	2.433	2.433	0.000	53	37500	40.0	29.0	
24 Cyclopentene	67	2.449	2.449	0.000	96	170656	20.0	18.9	
32 Acetonitrile	41	2.515	2.507	0.008	19	19285	200.0	70.4	a
* 25 TBA-d9 (IS)	65	2.523	2.515	0.008	98	160147	1000.0	1000.0	
26 Methylene Chloride	84	2.531	2.531	0.000	81	78580	20.0	18.3	
27 2-Methyl-2-propanol	59	2.572	2.581	-0.009	28	33287	200.0	167.9	a
28 Methyl tert-butyl ether	73	2.663	2.663	0.000	95	169462	20.0	17.2	
29 trans-1,2-Dichloroethene	96	2.687	2.687	0.000	86	74672	20.0	19.2	
30 Acrylonitrile	53	2.753	2.753	0.000	94	110717	200.0	135.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	43	2.811	2.811	0.000	89	46284	20.0	15.9	
33 Isopropyl ether	45	2.983	2.983	0.000	94	167636	20.0	14.7	
35 1,1-Dichloroethane	63	3.016	3.024	-0.008	98	106673	20.0	16.5	
34 Vinyl acetate	86	3.032	3.041	-0.009	100	17342	40.0	32.6	
36 2-Chloro-1,3-butadiene	88	3.057	3.057	0.000	85	64016	20.0	18.8	
37 Tert-butyl ethyl ether	59	3.254	3.254	0.000	93	166135	20.0	15.4	
* 38 2-Butanone-d5	46	3.435	3.435	0.000	73	125638	250.0	250.0	
39 2,2-Dichloropropane	97	3.443	3.452	-0.009	89	29684	20.0	19.2	
41 cis-1,2-Dichloroethene	96	3.468	3.468	0.000	95	83758	20.0	18.8	
40 Ethyl acetate	70	3.484	3.484	0.000	95	7770	40.0	33.0	
42 2-Butanone (MEK)	72	3.476	3.484	-0.008	97	18995	100.0	97.8	
43 Methyl acrylate	55	3.534	3.534	0.000	97	20001	20.0	11.0	a
44 Propionitrile	54	3.608	3.608	0.000	91	36277	200.0	142.1	a
45 Chlorobromomethane	128	3.665	3.665	0.000	82	40516	20.0	22.0	
47 Methacrylonitrile	67	3.682	3.682	0.000	87	167033	200.0	154.5	
48 Chloroform	83	3.706	3.706	0.000	98	120718	20.0	19.0	
46 Tetrahydrofuran	42	3.673	3.821	-0.148	59	21891	40.0	28.5	a
49 Cyclohexane	84	3.830	3.830	0.000	84	132906	20.0	21.3	
51 1,1,1-Trichloroethane	97	3.838	3.838	0.000	96	118921	20.0	19.9	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	97	143126	50.0	54.6	
52 Carbon tetrachloride	117	3.945	3.945	0.000	97	103188	20.0	21.4	
53 1,1-Dichloropropene	75	3.969	3.969	0.000	96	90014	20.0	17.6	
134 Isooctane	57	4.117	4.117	0.000	97	221469	20.0	16.2	
54 Isobutyl alcohol	43	4.117	4.117	0.000	36	53721	500.0	743.6	a
55 Benzene	78	4.142	4.142	0.000	95	277560	20.0	16.4	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	91	116430	50.0	46.7	
58 Tert-amyl methyl ether	73	4.199	4.191	0.008	90	191356	20.0	16.3	
57 Isopropyl acetate	87	4.191	4.191	0.000	93	53014	20.0	17.7	
59 1,2-Dichloroethane	62	4.224	4.224	0.000	95	64146	20.0	16.2	
60 n-Heptane	57	4.281	4.281	0.000	85	47851	20.0	18.3	
* 61 Fluorobenzene	96	4.396	4.405	-0.009	100	552840	50.0	50.0	
63 Trichloroethene	95	4.725	4.725	0.000	94	73431	20.0	19.3	
62 n-Butanol	56	4.774	4.832	-0.058	36	620	500.0	17.3	Ma
65 Methylcyclohexane	83	4.832	4.832	0.000	90	144204	20.0	20.5	
64 Ethyl acrylate	55	4.840	4.832	0.008	81	120128	20.0	15.6	
66 1,2-Dichloropropane	63	4.980	4.980	0.000	94	60988	20.0	14.6	
* 67 1,4-Dioxane-d8	96	5.037	5.046	-0.009	44	21263	1000.0	1000.0	a
68 Methyl methacrylate	100	5.054	5.062	-0.008	82	27370	40.0	35.8	
69 1,4-Dioxane	88	5.095	5.087	0.008	43	8962	400.0	314.4	
71 Dibromomethane	93	5.103	5.111	-0.008	98	38705	20.0	17.6	
70 n-Propyl acetate	43	5.120	5.111	0.009	69	45953	20.0	14.0	
72 Dichlorobromomethane	83	5.243	5.243	0.000	98	81935	20.0	17.2	
74 2-Nitropropane	41	5.555	5.547	0.008	97	15196	40.0	27.1	
75 Epichlorohydrin	57	5.670	5.662	0.008	92	53193	400.0	219.7	a
76 cis-1,3-Dichloropropene	75	5.711	5.711	0.000	86	99005	20.0	15.0	
77 4-Methyl-2-pentanone (MIBK)	43	5.859	5.859	0.000	93	161943	100.0	104.3	
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	527615	50.0	46.3	
79 Toluene	91	6.007	6.007	0.000	93	296287	20.0	17.2	
80 trans-1,3-Dichloropropene	75	6.352	6.352	0.000	97	75668	20.0	15.5	
81 Ethyl methacrylate	69	6.377	6.377	0.000	84	59626	20.0	14.1	
82 1,1,2-Trichloroethane	83	6.541	6.541	0.000	96	49598	20.0	18.9	
83 Tetrachloroethene	166	6.582	6.582	0.000	96	372684	20.0	99.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	6.738	6.738	0.000	89	82997	20.0	16.1	
85 2-Hexanone	43	6.812	6.812	0.000	93	79210	100.0	60.8	
86 n-Butyl acetate	43	6.936	6.927	0.009	92	57038	20.0	13.9	
87 Chlorodibromomethane	129	6.960	6.960	0.000	97	65463	20.0	18.4	
88 Ethylene Dibromide	107	7.108	7.108	0.000	97	53997	20.0	17.3	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	82	414302	50.0	50.0	
90 Chlorobenzene	112	7.667	7.667	0.000	99	209186	20.0	20.0	
91 Ethylbenzene	106	7.774	7.774	0.000	96	112217	20.0	18.1	
92 1,1,1,2-Tetrachloroethane	131	7.782	7.790	-0.008	99	79742	20.0	19.1	
93 m-Xylene & p-Xylene	106	7.922	7.922	0.000	97	143371	20.0	19.0	
95 o-Xylene	106	8.431	8.431	0.000	96	145619	20.0	18.6	
94 n-Butyl acrylate	73	8.447	8.439	0.008	98	40158	20.0	14.8	
96 Styrene	104	8.472	8.472	0.000	98	206372	20.0	17.9	
98 Bromoform	173	8.719	8.719	0.000	96	35587	20.0	18.9	
97 Amyl acetate (mixed isomers)	43	8.727	8.727	0.000	93	71934	20.0	12.6	
99 Isopropylbenzene	105	8.858	8.858	0.000	94	338753	20.0	18.6	
$ 100 4-Bromofluorobenzene	174	9.064	9.064	0.000	97	160096	50.0	53.5	
101 Bromobenzene	156	9.179	9.179	0.000	92	86589	20.0	19.3	
102 1,1,2,2-Tetrachloroethane	83	9.236	9.236	0.000	97	67510	20.0	14.8	
103 N-Propylbenzene	91	9.253	9.253	0.000	100	403937	20.0	16.8	
104 1,2,3-Trichloropropane	110	9.277	9.269	0.008	94	19615	20.0	16.4	
105 trans-1,4-Dichloro-2-butene	53	9.302	9.294	0.008	78	10671	20.0	11.7	a
106 2-Chlorotoluene	91	9.343	9.343	0.000	96	276346	20.0	16.3	
107 4-Ethyltoluene	105	9.351	9.359	-0.008	98	343535	20.0	17.8	
108 1,3,5-Trimethylbenzene	105	9.417	9.417	0.000	95	325209	20.0	18.1	
109 4-Chlorotoluene	91	9.442	9.442	0.000	94	258343	20.0	16.6	
110 Butyl Methacrylate	87	9.507	9.507	0.000	83	102980	20.0	14.5	
111 tert-Butylbenzene	119	9.655	9.655	0.000	96	271295	20.0	18.4	
112 1,2,4-Trimethylbenzene	105	9.705	9.705	0.000	95	316820	20.0	17.5	
113 sec-Butylbenzene	105	9.811	9.811	0.000	100	428484	20.0	18.4	
115 1,3-Dichlorobenzene	146	9.918	9.910	0.008	98	176447	20.0	18.7	
114 4-Isopropyltoluene	119	9.918	9.918	0.000	98	372411	20.0	19.0	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	91	241223	50.0	50.0	
117 1,4-Dichlorobenzene	146	9.984	9.984	0.000	96	189046	20.0	19.4	
118 1,2,3-Trimethylbenzene	105	10.000	9.992	0.008	97	339478	20.0	17.9	
119 Benzyl chloride	91	10.083	10.083	0.000	100	139816	20.0	14.4	
120 2,3-Dihydroindene	117	10.124	10.124	0.000	95	315855	20.0	18.7	
121 p-Diethylbenzene	119	10.173	10.165	0.008	96	228236	20.0	18.6	
122 n-Butylbenzene	92	10.181	10.181	0.000	94	181910	20.0	16.4	
123 1,2-Dichlorobenzene	146	10.222	10.222	0.000	99	182679	20.0	19.0	
124 1,2,4,5-Tetramethylbenzene	119	10.641	10.633	0.008	98	377993	20.0	19.0	
125 1,2-Dibromo-3-Chloropropane	157	10.707	10.699	0.008	90	16529	20.0	17.1	
126 1,3,5-Trichlorobenzene	180	10.781	10.781	0.000	98	154329	20.0	18.9	
127 1,2,4-Trichlorobenzene	180	11.134	11.126	0.008	93	149964	20.0	19.8	
128 Hexachlorobutadiene	225	11.192	11.184	0.008	92	50526	20.0	17.9	
129 Naphthalene	128	11.274	11.266	0.008	99	334408	20.0	19.7	
130 1,2,3-Trichlorobenzene	180	11.414	11.405	0.009	96	134028	20.0	19.7	
S 131 1,2-Dichloroethene, Total	100				0		40.0	38.0	
S 132 Total BTEX	1				0		100.0	89.4	
S 133 Xylenes, Total	100				0		40.0	37.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00682	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00217	Amount Added:	20.00	Units: uL	
524FREONS_00051	Amount Added:	20.00	Units: uL	
ACROLEIN W_00193	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00085	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 04-Feb-2026 09:34:47 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59697.D

Injection Date: 03-Feb-2026 12:42:30 Instrument ID: CVOAMS6 Operator ID:

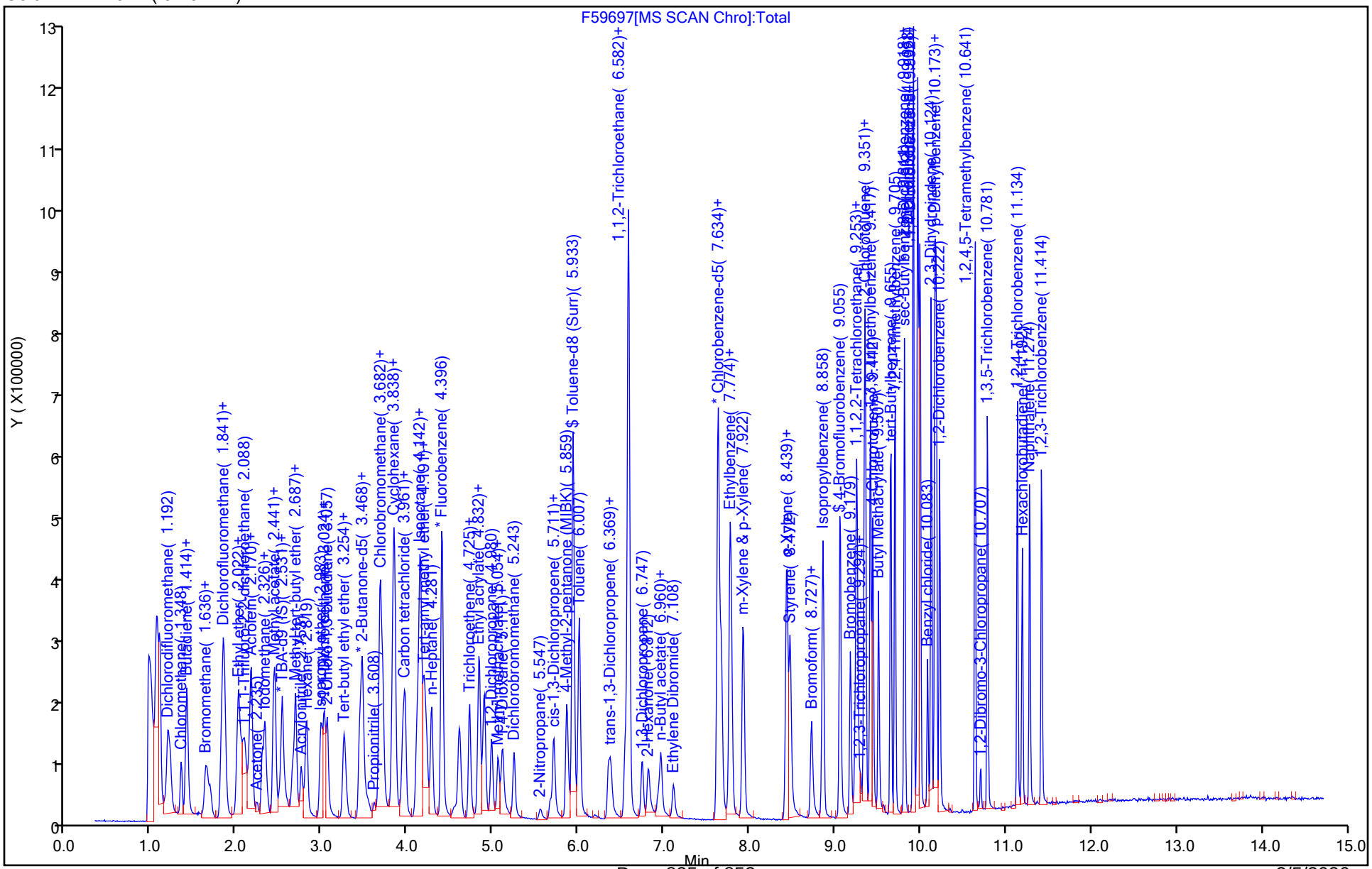
Lims ID: 460-344099-B-2 MS Worklist Smp#: 17

Client ID: MW-7_20260128

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59697.D
Lims ID: 460-344099-B-2 MS
Client ID: MW-7_20260128
Sample Type: MS
Inject. Date: 03-Feb-2026 12:42:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-344099-B-2 MS
Misc. Info.: 460-0202285-017
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Feb-2026 09:34:46 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: KG2Q Date: 04-Feb-2026 06:52:59

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	54.6	109.25
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	46.7	93.32
$ 78 Toluene-d8 (Surr)	50.0	46.3	92.62
$ 100 4-Bromofluorobenzene	50.0	53.5	107.06

Manual Integration/User Assign Peak Report

Eurofins Edison

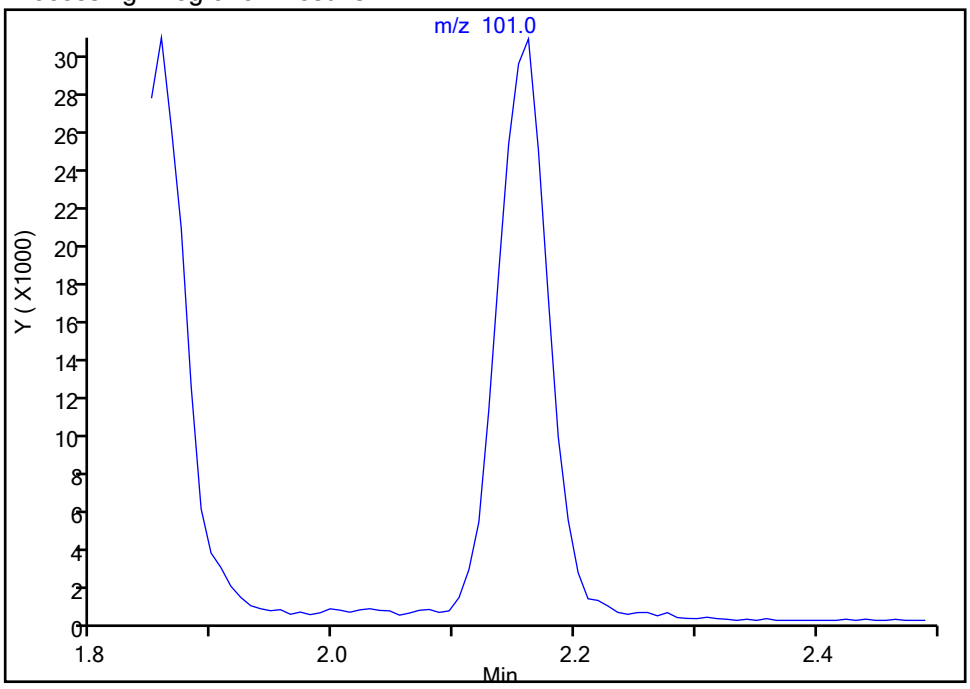
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59697.D				
Injection Date:	03-Feb-2026 12:42:30	Instrument ID:	CVOAMS6		
Lims ID:	460-344099-B-2 MS				
Client ID:	MW-7_20260128				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

15 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

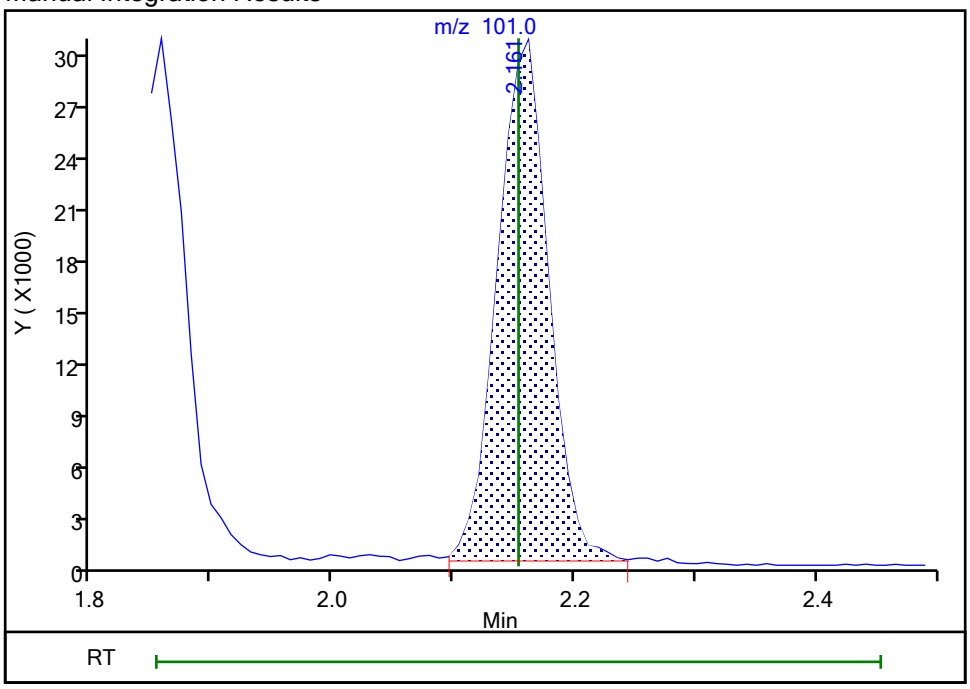
Not Detected
Expected RT: 2.15

Processing Integration Results



Manual Integration Results

RT: 2.16
Area: 89704
Amount: 22.806383
Amount Units: ug/l



Reviewer: KG2Q, 04-Feb-2026 06:52:17 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

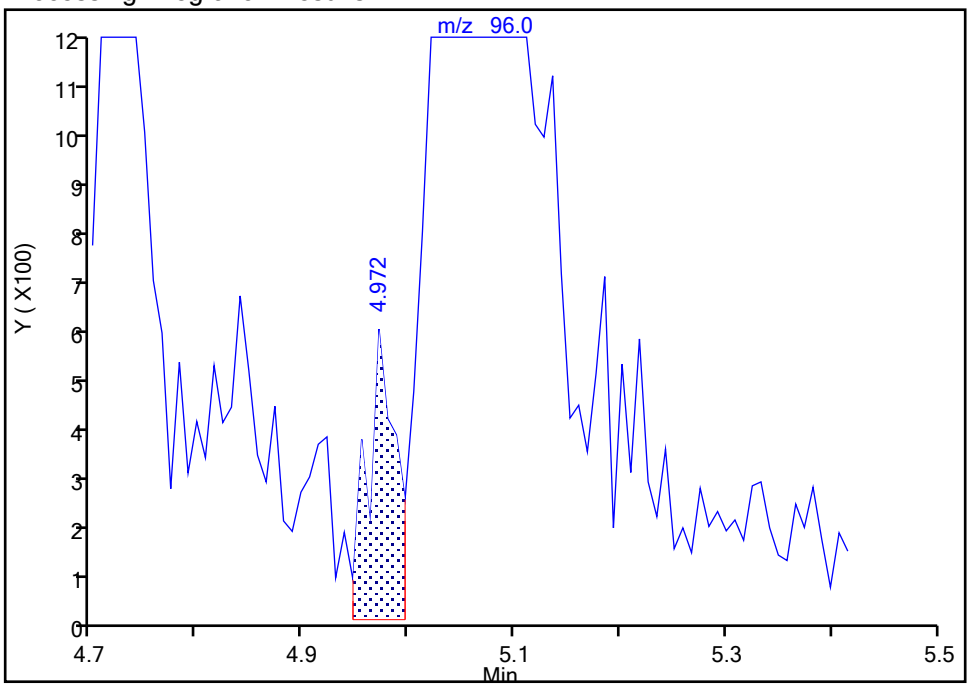
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59697.D
Injection Date: 03-Feb-2026 12:42:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-2 MS
Client ID: MW-7_20260128
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

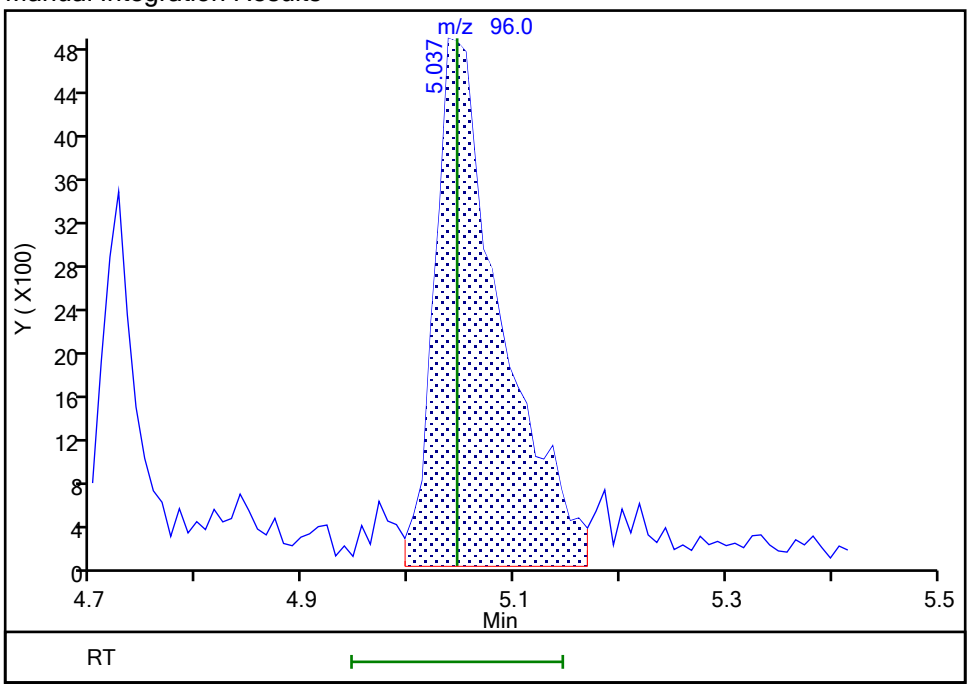
Processing Integration Results

RT: 4.97
Area: 1114
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.04
Area: 21263
Amount: 1000.0000
Amount Units: ug/l



Reviewer: KG2Q, 04-Feb-2026 06:52:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-7_20260128 MSD | Lab Sample ID: 460-344099-2 MSD

Matrix: Water | Lab File ID: F59698.D

Analysis Method: 8260D | Date Collected: 01/28/2026 13:52

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 13:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	15.9		0.20	0.085
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24.2		1.0	0.31
79-00-5	1,1,2-Trichloroethane	20.0		0.58	0.19
75-34-3	1,1-Dichloroethane	17.3		1.0	0.26
75-35-4	1,1-Dichloroethene	20.7		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	21.2		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.8		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	18.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.3		1.0	0.21
107-06-2	1,2-Dichloroethane	16.6		0.30	0.087
78-87-5	1,2-Dichloropropane	15.1		0.92	0.074
108-67-8	1,3,5-Trimethylbenzene	18.6		1.0	0.33
541-73-1	1,3-Dichlorobenzene	19.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.2		1.0	0.33
78-93-3	2-Butanone (MEK)	109		5.0	3.9
591-78-6	2-Hexanone	65.4		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	105		5.0	1.3
67-64-1	Acetone	84.8		5.0	4.4
71-43-2	Benzene	17.0		0.45	0.070
75-25-2	Bromoform	19.9		1.0	0.54
74-83-9	Bromomethane	20.0		1.0	0.55
75-15-0	Carbon disulfide	17.4		1.0	0.82
56-23-5	Carbon tetrachloride	21.6		1.0	0.21
108-90-7	Chlorobenzene	20.0		1.0	0.38
74-97-5	Chlorobromomethane	22.6		1.0	0.41
124-48-1	Chlorodibromomethane	19.3		0.78	0.086
75-00-3	Chloroethane	17.5		1.0	0.32
67-66-3	Chloroform	19.7		1.0	0.33
74-87-3	Chloromethane	16.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.5		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-7_20260128 MSD | Lab Sample ID: 460-344099-2 MSD

Matrix: Water | Lab File ID: F59698.D

Analysis Method: 8260D | Date Collected: 01/28/2026 13:52

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 13:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	15.3		0.45	0.069
110-82-7	Cyclohexane	21.5		1.0	0.32
75-27-4	Dichlorobromomethane	18.0		0.98	0.15
75-71-8	Dichlorodifluoromethane	28.5		1.0	0.31
100-41-4	Ethylbenzene	18.8		1.0	0.30
106-93-4	Ethylene Dibromide	17.8		1.0	0.50
98-82-8	Isopropylbenzene	19.3		1.0	0.34
79-20-9	Methyl acetate	32.9		5.0	0.79
1634-04-4	Methyl tert-butyl ether	17.4		1.0	0.22
108-87-2	Methylcyclohexane	21.0		1.0	0.71
75-09-2	Methylene Chloride	18.2		1.0	0.65
179601-23-1	m-Xylene & p-Xylene	19.2		1.0	0.30
104-51-8	n-Butylbenzene	17.3		1.0	0.32
103-65-1	N-Propylbenzene	17.6		1.0	0.32
95-47-6	o-Xylene	18.9		1.0	0.36
135-98-8	sec-Butylbenzene	18.8		1.0	0.37
100-42-5	Styrene	18.0		1.0	0.42
98-06-6	tert-Butylbenzene	19.0		1.0	0.34
127-18-4	Tetrachloroethene	100		0.40	0.28
108-88-3	Toluene	17.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	15.2		0.45	0.12
79-01-6	Trichloroethene	19.7		0.28	0.074
75-69-4	Trichlorofluoromethane	24.3		1.0	0.32
75-01-4	Vinyl chloride	18.0		1.0	0.40
1330-20-7	Xylenes, Total	38.1		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-344099-1

SDG No.:

Client Sample ID: MW-7_20260128 MSD | Lab Sample ID: 460-344099-2 MSD

Matrix: Water | Lab File ID: F59698.D

Analysis Method: 8260D | Date Collected: 01/28/2026 13:52

Sample wt/vol: 5(mL) | Date Analyzed: 02/03/2026 13:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1088584 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-132
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59698.D
Lims ID: 460-344099-B-2 MSD
Client ID: MW-7_20260128
Sample Type: MSD
Inject. Date: 03-Feb-2026 13:02:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-344099-B-2 MSD
Misc. Info.: 460-0202285-018
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-Feb-2026 09:36:22 Calib Date: 21-Jan-2026 02:46:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1690

First Level Reviewer: KG2Q Date: 04-Feb-2026 06:54:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.208	1.208	0.000	97	131175	20.0	28.5	
2 Chloromethane	50	1.348	1.348	0.000	99	94074	20.0	16.7	
4 Butadiene	54	1.406	1.414	-0.008	93	85020	20.0	19.5	
3 Vinyl chloride	62	1.422	1.430	-0.008	98	104468	20.0	18.0	
5 Bromomethane	94	1.636	1.636	0.000	99	88910	20.0	20.0	
6 Chloroethane	64	1.685	1.685	0.000	98	52561	20.0	17.5	
7 Dichlorofluoromethane	67	1.825	1.825	0.000	98	158589	20.0	18.7	
9 Pentane	72	1.849	1.849	0.000	96	22827	40.0	65.2	
8 Trichlorofluoromethane	101	1.857	1.849	0.008	72	132528	20.0	24.3	
10 Ethanol	46	1.997	1.997	0.000	66	8325	800.0	795.7	
11 Ethyl ether	59	1.997	1.997	0.000	96	39093	20.0	15.6	
12 2-Methyl-1,3-butadiene	53	2.014	2.022	-0.008	91	46005	20.0	18.7	
13 1,2-Dichloro-1,1,2-trifluoroetha	117	2.038	2.046	-0.008	88	76776	20.0	22.0	
14 1,1,1-Trifluoro-2,2-dichloroetha	83	2.088	2.088	0.000	92	119707	20.0	19.4	
16 Acrolein	56	2.137	2.145	-0.008	30	7552	40.0	30.0	
15 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.153	2.153	0.000	92	94908	20.0	24.2	a
17 1,1-Dichloroethene	96	2.170	2.170	0.000	91	76177	20.0	20.7	
18 Acetone	43	2.235	2.235	0.000	89	35959	100.0	84.8	
20 Iodomethane	142	2.293	2.301	-0.008	95	148605	20.0	22.6	
19 Isopropyl alcohol	45	2.318	2.318	0.000	27	18944	200.0	166.2	
21 Carbon disulfide	76	2.326	2.334	-0.008	98	252802	20.0	17.4	
23 3-Chloro-1-propene	39	2.424	2.433	-0.009	91	84868	20.0	16.2	
22 Methyl acetate	43	2.433	2.433	0.000	45	40880	40.0	32.9	a
24 Cyclopentene	67	2.441	2.449	-0.008	95	172885	20.0	19.2	
32 Acetonitrile	41	2.507	2.507	0.000	19	39330	200.0	149.4	a
* 25 TBA-d9 (IS)	65	2.523	2.515	0.008	95	154017	1000.0	1000.0	
26 Methylene Chloride	84	2.531	2.531	0.000	80	77742	20.0	18.2	
27 2-Methyl-2-propanol	59	2.581	2.581	0.000	91	37151	200.0	194.8	a
28 Methyl tert-butyl ether	73	2.663	2.663	0.000	95	170345	20.0	17.4	
29 trans-1,2-Dichloroethene	96	2.687	2.687	0.000	87	75488	20.0	19.5	
30 Acrylonitrile	53	2.753	2.753	0.000	96	112008	200.0	137.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	43	2.811	2.811	0.000	87	48911	20.0	16.8	
33 Isopropyl ether	45	2.983	2.983	0.000	95	171401	20.0	15.0	
35 1,1-Dichloroethane	63	3.016	3.024	-0.008	99	111731	20.0	17.3	
34 Vinyl acetate	86	3.032	3.041	-0.009	99	18101	40.0	34.1	
36 2-Chloro-1,3-butadiene	88	3.057	3.057	0.000	86	63869	20.0	18.8	
37 Tert-butyl ethyl ether	59	3.254	3.254	0.000	91	169730	20.0	15.8	
* 38 2-Butanone-d5	46	3.435	3.435	0.000	83	127807	250.0	250.0	
39 2,2-Dichloropropane	97	3.452	3.452	0.000	89	30409	20.0	19.8	
41 cis-1,2-Dichloroethene	96	3.468	3.468	0.000	94	86726	20.0	19.5	
40 Ethyl acetate	70	3.484	3.484	0.000	97	8118	40.0	35.9	
42 2-Butanone (MEK)	72	3.484	3.484	0.000	97	21561	100.0	109.2	
43 Methyl acrylate	55	3.534	3.534	0.000	98	23232	20.0	12.8	
44 Propionitrile	54	3.608	3.608	0.000	91	38892	200.0	158.4	a
45 Chlorobromomethane	128	3.665	3.665	0.000	75	41371	20.0	22.6	
47 Methacrylonitrile	67	3.682	3.682	0.000	87	169462	200.0	157.3	
48 Chloroform	83	3.706	3.706	0.000	98	124666	20.0	19.7	
46 Tetrahydrofuran	42	3.665	3.821	-0.156	47	23858	40.0	32.3	a
49 Cyclohexane	84	3.830	3.830	0.000	84	133460	20.0	21.5	
51 1,1,1-Trichloroethane	97	3.838	3.838	0.000	90	121543	20.0	20.4	
$ 50 Dibromofluoromethane (Surr)	113	3.846	3.846	0.000	97	139969	50.0	53.6	
52 Carbon tetrachloride	117	3.945	3.945	0.000	97	103901	20.0	21.6	
53 1,1-Dichloropropene	75	3.969	3.969	0.000	95	91552	20.0	17.9	
134 Isooctane	57	4.109	4.117	-0.008	96	231146	20.0	16.9	
54 Isobutyl alcohol	43	4.109	4.117	-0.008	33	57714	500.0	831.8	a
55 Benzene	78	4.142	4.142	0.000	95	287832	20.0	17.0	
$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.158	4.158	0.000	91	114208	50.0	45.9	
58 Tert-amyl methyl ether	73	4.191	4.191	0.000	90	195341	20.0	16.7	
57 Isopropyl acetate	87	4.191	4.191	0.000	80	55318	20.0	18.6	
59 1,2-Dichloroethane	62	4.224	4.224	0.000	97	65746	20.0	16.6	
60 n-Heptane	57	4.273	4.281	-0.008	86	47947	20.0	18.4	
* 61 Fluorobenzene	96	4.397	4.405	-0.009	100	550956	50.0	50.0	
63 Trichloroethene	95	4.717	4.725	-0.008	96	74697	20.0	19.7	
62 n-Butanol	56	4.758	4.832	-0.074	15	139	500.0	4.03	Ma
65 Methylcyclohexane	83	4.832	4.832	0.000	91	147305	20.0	21.0	
64 Ethyl acrylate	55	4.832	4.832	0.000	77	125199	20.0	16.3	a
66 1,2-Dichloropropane	63	4.980	4.980	0.000	94	62894	20.0	15.1	
* 67 1,4-Dioxane-d8	96	5.046	5.046	0.000	46	20989	1000.0	1000.0	a
68 Methyl methacrylate	100	5.054	5.062	-0.008	81	28195	40.0	36.9	
69 1,4-Dioxane	88	5.087	5.087	0.000	84	11620	400.0	413.0	
71 Dibromomethane	93	5.103	5.111	-0.008	97	39803	20.0	18.2	
70 n-Propyl acetate	43	5.120	5.111	0.009	66	44629	20.0	13.7	
72 Dichlorobromomethane	83	5.243	5.243	0.000	98	85396	20.0	18.0	
74 2-Nitropropane	41	5.555	5.547	0.008	97	15046	40.0	26.9	
75 Epichlorohydrin	57	5.670	5.662	0.008	92	54256	400.0	233.1	a
76 cis-1,3-Dichloropropene	75	5.711	5.711	0.000	87	100247	20.0	15.3	
77 4-Methyl-2-pentanone (MIBK)	43	5.859	5.859	0.000	91	166564	100.0	105.4	
$ 78 Toluene-d8 (Surr)	98	5.933	5.933	0.000	99	529689	50.0	46.6	
79 Toluene	91	6.007	6.007	0.000	93	305295	20.0	17.8	
80 trans-1,3-Dichloropropene	75	6.352	6.352	0.000	95	73960	20.0	15.2	
81 Ethyl methacrylate	69	6.377	6.377	0.000	86	62106	20.0	14.7	
82 1,1,2-Trichloroethane	83	6.541	6.541	0.000	93	52239	20.0	20.0	
83 Tetrachloroethene	166	6.582	6.582	0.000	96	376472	20.0	100.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	6.747	6.738	0.009	88	82302	20.0	16.0	
85 2-Hexanone	43	6.812	6.812	0.000	92	81981	100.0	65.4	
86 n-Butyl acetate	43	6.927	6.927	0.000	94	53499	20.0	13.0	
87 Chlorodibromomethane	129	6.960	6.960	0.000	97	68640	20.0	19.3	
88 Ethylene Dibromide	107	7.108	7.108	0.000	98	55509	20.0	17.8	
* 89 Chlorobenzene-d5	117	7.634	7.634	0.000	82	413762	50.0	50.0	
90 Chlorobenzene	112	7.667	7.667	0.000	99	208610	20.0	20.0	
91 Ethylbenzene	106	7.765	7.774	-0.009	96	116607	20.0	18.8	
92 1,1,1,2-Tetrachloroethane	131	7.782	7.790	-0.008	97	81992	20.0	19.6	
93 m-Xylene & p-Xylene	106	7.930	7.922	0.008	97	144440	20.0	19.2	
95 o-Xylene	106	8.431	8.431	0.000	95	147596	20.0	18.9	
94 n-Butyl acrylate	73	8.447	8.439	0.008	98	43213	20.0	15.9	
96 Styrene	104	8.472	8.472	0.000	98	207074	20.0	18.0	
98 Bromoform	173	8.719	8.719	0.000	96	37365	20.0	19.9	
97 Amyl acetate (mixed isomers)	43	8.727	8.727	0.000	92	76811	20.0	13.4	
99 Isopropylbenzene	105	8.858	8.858	0.000	94	352340	20.0	19.3	
$ 100 4-Bromofluorobenzene	174	9.055	9.064	-0.009	93	155113	50.0	51.9	
101 Bromobenzene	156	9.179	9.179	0.000	91	90853	20.0	20.2	
102 1,1,2,2-Tetrachloroethane	83	9.236	9.236	0.000	98	72772	20.0	15.9	
103 N-Propylbenzene	91	9.253	9.253	0.000	100	422806	20.0	17.6	
104 1,2,3-Trichloropropane	110	9.269	9.269	0.000	95	22239	20.0	18.5	
105 trans-1,4-Dichloro-2-butene	53	9.294	9.294	0.000	87	12009	20.0	13.2	
106 2-Chlorotoluene	91	9.343	9.343	0.000	96	287100	20.0	16.9	
107 4-Ethyltoluene	105	9.360	9.359	0.001	98	362368	20.0	18.7	
108 1,3,5-Trimethylbenzene	105	9.417	9.417	0.000	95	335209	20.0	18.6	
109 4-Chlorotoluene	91	9.442	9.442	0.000	95	265064	20.0	17.0	
110 Butyl Methacrylate	87	9.507	9.507	0.000	82	113448	20.0	16.0	
111 tert-Butylbenzene	119	9.655	9.655	0.000	96	279855	20.0	19.0	
112 1,2,4-Trimethylbenzene	105	9.705	9.705	0.000	95	332908	20.0	18.4	
113 sec-Butylbenzene	105	9.811	9.811	0.000	100	437882	20.0	18.8	
115 1,3-Dichlorobenzene	146	9.918	9.910	0.008	68	186671	20.0	19.8	
114 4-Isopropyltoluene	119	9.918	9.918	0.000	98	383814	20.0	19.5	
* 116 1,4-Dichlorobenzene-d4	152	9.968	9.968	0.000	92	241822	50.0	50.0	
117 1,4-Dichlorobenzene	146	9.984	9.984	0.000	97	197464	20.0	20.2	
118 1,2,3-Trimethylbenzene	105	10.000	9.992	0.008	96	352885	20.0	18.5	
119 Benzyl chloride	91	10.091	10.083	0.008	99	149809	20.0	15.4	
120 2,3-Dihydroindene	117	10.132	10.124	0.008	94	327127	20.0	19.4	
121 p-Diethylbenzene	119	10.173	10.165	0.008	95	235003	20.0	19.1	
122 n-Butylbenzene	92	10.189	10.181	0.008	97	192672	20.0	17.3	
123 1,2-Dichlorobenzene	146	10.231	10.222	0.008	98	186236	20.0	19.3	
124 1,2,4,5-Tetramethylbenzene	119	10.650	10.633	0.017	98	395872	20.0	19.8	
125 1,2-Dibromo-3-Chloropropane	157	10.724	10.699	0.025	90	18193	20.0	18.8	
126 1,3,5-Trichlorobenzene	180	10.806	10.781	0.025	97	163975	20.0	20.1	
127 1,2,4-Trichlorobenzene	180	11.159	11.126	0.033	94	157758	20.0	20.8	
128 Hexachlorobutadiene	225	11.217	11.184	0.033	94	55972	20.0	19.8	
129 Naphthalene	128	11.299	11.266	0.033	99	349449	20.0	20.5	
130 1,2,3-Trichlorobenzene	180	11.438	11.405	0.033	97	145039	20.0	21.2	
S 131 1,2-Dichloroethene, Total	100				0		40.0	39.0	
S 132 Total BTEX	1				0		100.0	91.7	
S 133 Xylenes, Total	100				0		40.0	38.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00682	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00217	Amount Added:	20.00	Units: uL	
524FREONS_00051	Amount Added:	20.00	Units: uL	
ACROLEIN W_00193	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00085	Amount Added:	5.00	Units: uL	Run Reagent

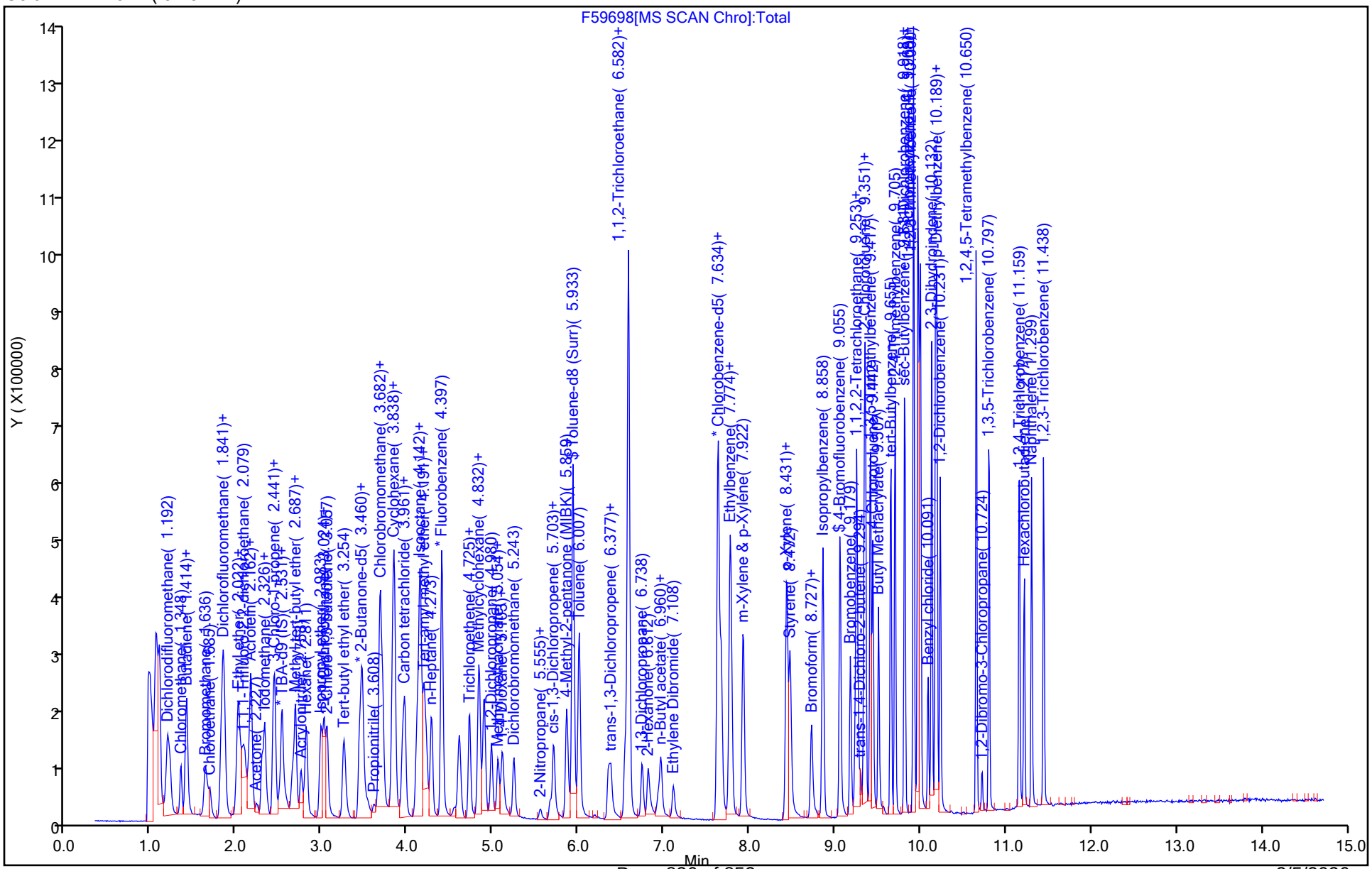
Report Date: 04-Feb-2026 09:36:24 Chrom Revision: 2.3 29-Jan-2026 10:42:58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59698.D

Injection Date:	03-Feb-2026 13:02:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-344099-B-2 MSD			Worklist Smp#:	18
Client ID:	MW-7_20260128				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260624W6	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



2/5/2026
8:39:33 AM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59698.D				
Lims ID:	460-344099-B-2 MSD				
Client ID:	MW-7_20260128				
Sample Type:	MSD				
Inject. Date:	03-Feb-2026 13:02:30	ALS Bottle#:	18	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-344099-B-2 MSD				
Misc. Info.:	460-0202285-018				
Operator ID:		Instrument ID:	CVOAMS6		
Method:	\\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\8260624W6.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	04-Feb-2026 09:36:22	Calib Date:	21-Jan-2026 02:46:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS6\20260120-201827.b\F59230.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1690				

First Level Reviewer: KG2Q Date: 04-Feb-2026 06:54:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.6	107.21
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	45.9	91.85
$ 78 Toluene-d8 (Surr)	50.0	46.6	93.11
$ 100 4-Bromofluorobenzene	50.0	51.9	103.86

Manual Integration/User Assign Peak Report

Eurofins Edison

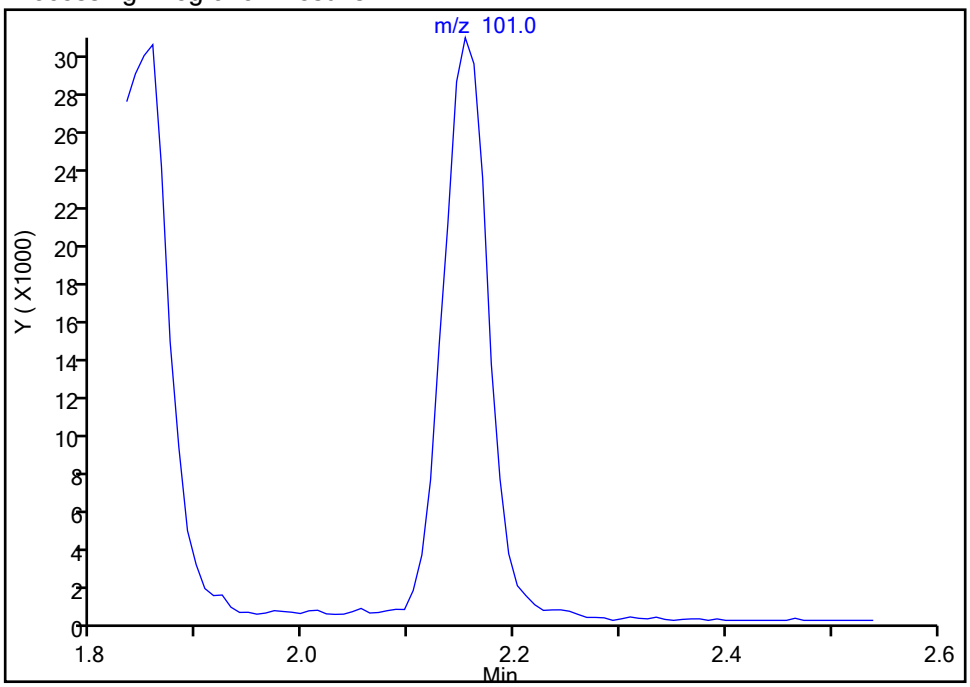
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59698.D
Injection Date: 03-Feb-2026 13:02:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-2 MSD
Client ID: MW-7_20260128
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

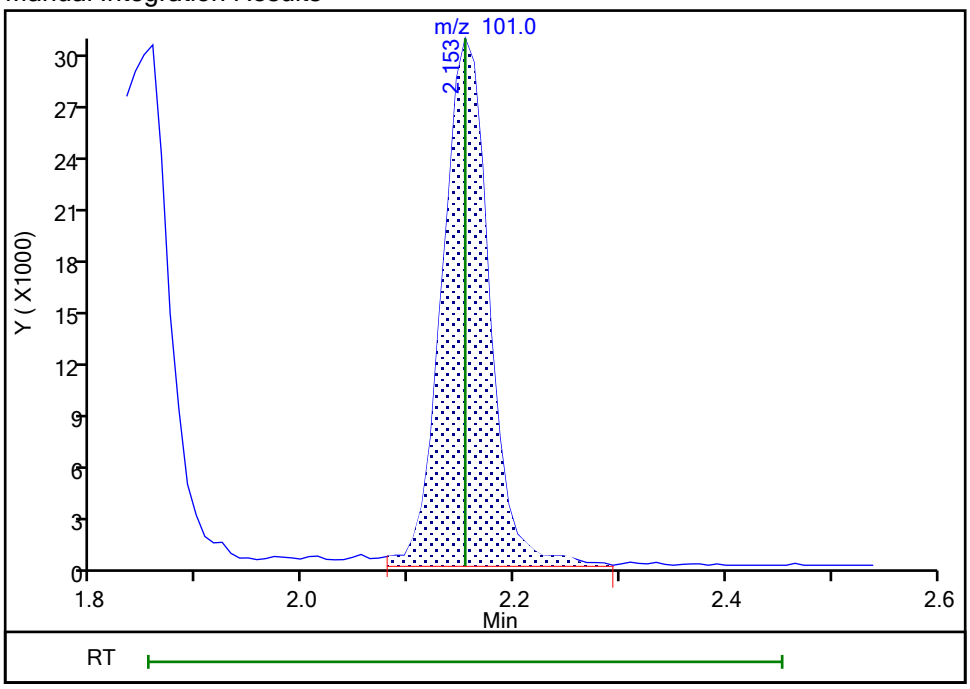
Not Detected
Expected RT: 2.15

Processing Integration Results



Manual Integration Results

RT: 2.15
Area: 94908
Amount: 24.211962
Amount Units: ug/l



Reviewer: KG2Q, 04-Feb-2026 06:53:17 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

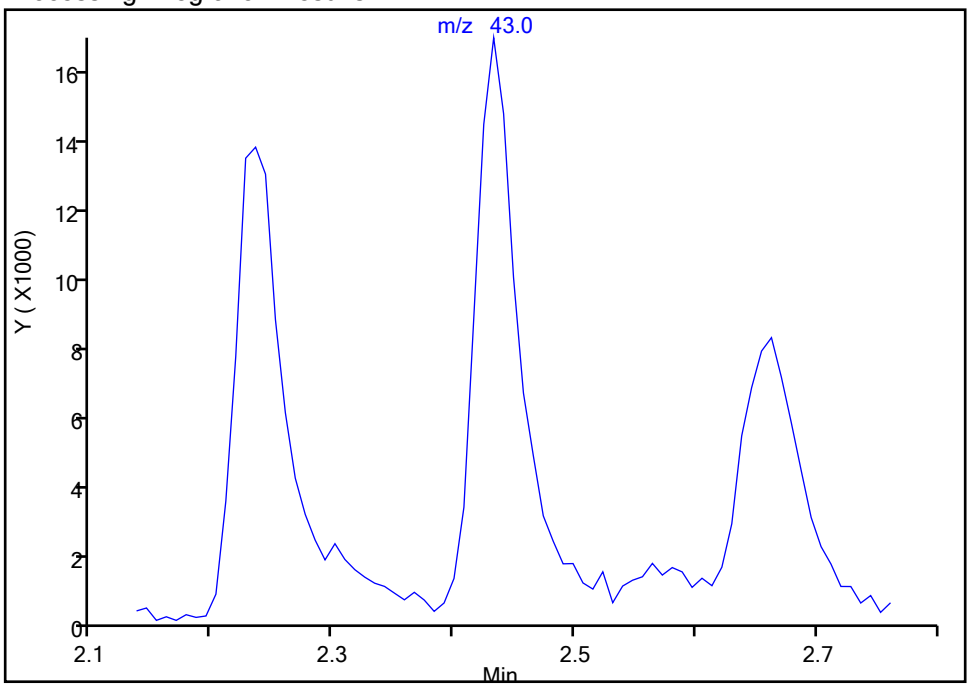
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59698.D
Injection Date: 03-Feb-2026 13:02:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-2 MSD
Client ID: MW-7_20260128
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Methyl acetate, CAS: 79-20-9

Signal: 1

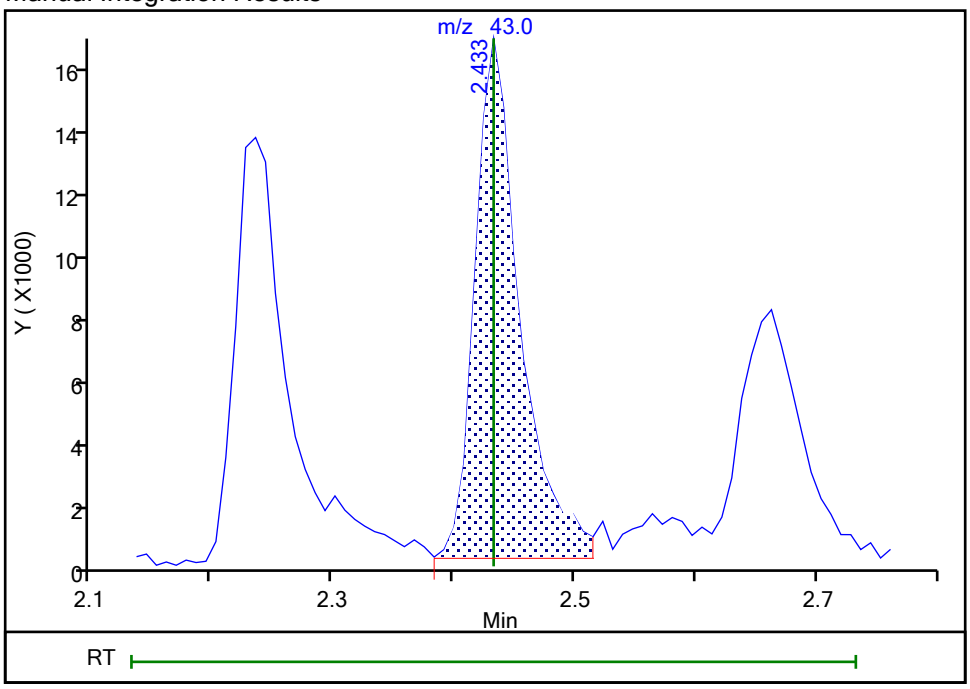
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 40880
Amount: 32.853162
Amount Units: ug/l



Reviewer: KG2Q, 04-Feb-2026 06:53:22 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

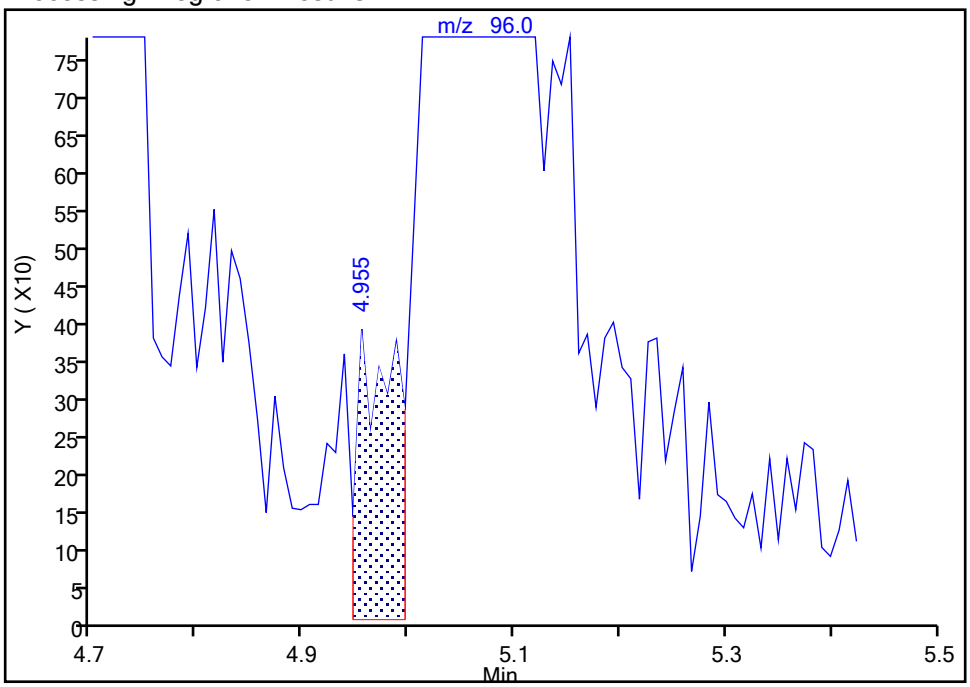
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20260203-202285.b\F59698.D
Injection Date: 03-Feb-2026 13:02:30 Instrument ID: CVOAMS6
Lims ID: 460-344099-B-2 MSD
Client ID: MW-7_20260128
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

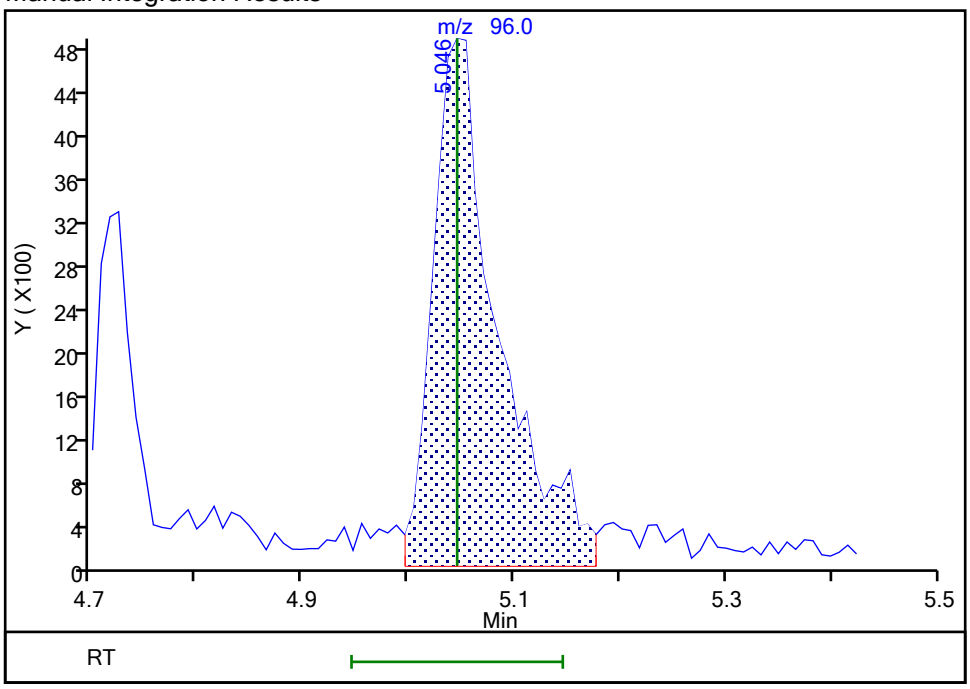
Processing Integration Results

RT: 4.96
Area: 1016
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.05
Area: 20989
Amount: 1000.0000
Amount Units: ug/l



Reviewer: KG2Q, 04-Feb-2026 06:53:12 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Instrument ID: CVOAMS6 Start Date: 01/20/2026 23:01

Analysis Batch Number: 1086534 End Date: 01/21/2026 04:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-1086534/1		01/20/2026 23:01	1	F59220.D	Rtx-624 0.25(mm)
STD8 460-1086534/3 IC		01/21/2026 00:00	1	F59222.D	Rtx-624 0.25(mm)
STD7 460-1086534/4 IC		01/21/2026 00:21	1	F59223.D	Rtx-624 0.25(mm)
STD1 460-1086534/6 IC		01/21/2026 01:02	1	F59225.D	Rtx-624 0.25(mm)
STD5 460-1086534/7 IC		01/21/2026 01:23	1	F59226.D	Rtx-624 0.25(mm)
STD20 460-1086534/8 ICIS		01/21/2026 01:44	1	F59227.D	Rtx-624 0.25(mm)
STD050 460-1086534/9 IC		01/21/2026 02:05	1	F59228.D	Rtx-624 0.25(mm)
STD200 460-1086534/10 IC		01/21/2026 02:25	1	F59229.D	Rtx-624 0.25(mm)
STD500 460-1086534/11 IC		01/21/2026 02:46	1	F59230.D	Rtx-624 0.25(mm)
ICV 460-1086534/17		01/21/2026 04:52	1	F59236.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Instrument ID: CVOAMS6 Start Date: 02/03/2026 07:29

Analysis Batch Number: 1088584 End Date: 02/03/2026 17:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1088584/4		02/03/2026 07:29	1	F59683.D	Rtx-624 0.25(mm)
LCS 460-1088584/5		02/03/2026 08:10	1	F59684.D	Rtx-624 0.25(mm)
LCSD 460-1088584/6		02/03/2026 08:31	1	F59685.D	Rtx-624 0.25(mm)
MB 460-1088584/10		02/03/2026 09:55	1	F59689.D	Rtx-624 0.25(mm)
ZZZZZ (Client)		02/03/2026 10:15	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/03/2026 10:36	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/03/2026 10:57	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/03/2026 11:18	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/03/2026 11:39	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/03/2026 12:00	1		Rtx-624 0.25(mm)
460-344099-2 MS	MW-7_20260128 MS	02/03/2026 12:42	1	F59697.D	Rtx-624 0.25(mm)
460-344099-2 MSD	MW-7_20260128 MSD	02/03/2026 13:02	1	F59698.D	Rtx-624 0.25(mm)
ZZZZZ (Client)		02/03/2026 14:05	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/03/2026 14:25	1		Rtx-624 0.25(mm)
460-344099-5	FB-01_20260128	02/03/2026 14:46	1	F59703.D	Rtx-624 0.25(mm)
460-344099-6	TB-01_20260128	02/03/2026 15:07	1	F59704.D	Rtx-624 0.25(mm)
460-344099-2	MW-7_20260128	02/03/2026 15:28	1	F59705.D	Rtx-624 0.25(mm)
460-344099-1	MW-8_20260128	02/03/2026 15:49	1	F59706.D	Rtx-624 0.25(mm)
460-344099-3	MW-6_20260128	02/03/2026 16:10	1	F59707.D	Rtx-624 0.25(mm)
460-344099-4	DUP-01_20260128	02/03/2026 16:31	1	F59708.D	Rtx-624 0.25(mm)
ZZZZZ (Client)		02/03/2026 16:52	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/03/2026 17:13	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/03/2026 17:34	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/03/2026 17:54	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Batch Number: 1086534 Batch Start Date: 01/20/26 23:01 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00193	524FREONS 00049	7 Freons Hi 00036	7 Freons SS 00036
BFB 460-1086534/1		8260D			5 mL	5 mL				
STD8 460-1086534/3 IC		8260D			5 mL	5 mL				
STD7 460-1086534/4 IC		8260D			5 mL	5 mL				
STD1 460-1086534/6 IC		8260D			5 mL	5 mL	30 uL	10 uL		
STD5 460-1086534/7 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-1086534/8 ICIS		8260D			5 mL	5 mL		20 uL		
STD050 460-1086534/9 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-1086534/10 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-1086534/11 IC		8260D			5 mL	5 mL			50 uL	
ICV 460-1086534/17		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00207	8260MIX1COMB 00217	ACROLEIN SP 00185	ACROLEIN W 00193	ACRY/EPIH MIX 00146	BFB 00040
BFB 460-1086534/1		8260D								1 uL
STD8 460-1086534/3 IC		8260D				2 uL				
STD7 460-1086534/4 IC		8260D							20 uL	
STD1 460-1086534/6 IC		8260D				10 uL		4 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Batch Number: 1086534 Batch Start Date: 01/20/26 23:01 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00207	8260MIX1COMB 00217	ACROLEIN SP 00185	ACROLEIN W 00193	ACRY/EPIH MIX 00146	BFB 00040
STD5 460-1086534/7 IC		8260D				10 uL		4 uL		
STD20 460-1086534/8 ICIS		8260D				20 uL		4 uL		
STD050 460-1086534/9 IC		8260D				50 uL		10 uL		
STD200 460-1086534/10 IC		8260D						20 uL		
STD500 460-1086534/11 IC		8260D						40 uL		
ICV 460-1086534/17		8260D			20 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00110	GAS C SP 00657	GAS Hi 00516	GASES Li 00680	MIX 2 Hi 00170	MIX I Hi 00197
BFB 460-1086534/1		8260D								
STD8 460-1086534/3 IC		8260D								
STD7 460-1086534/4 IC		8260D						2.5 uL		
STD1 460-1086534/6 IC		8260D						10 uL		
STD5 460-1086534/7 IC		8260D						10 uL		
STD20 460-1086534/8 ICIS		8260D						20 uL		
STD050 460-1086534/9 IC		8260D						50 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Batch Number: 1086534 Batch Start Date: 01/20/26 23:01 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00110	GAS C SP 00657	GAS Hi 00516	GASES Li 00680	MIX 2 Hi 00170	MIX I Hi 00197
STD200 460-1086534/10 IC		8260D			20 uL		20 uL		20 uL	20 uL
STD500 460-1086534/11 IC		8260D			50 uL		50 uL		50 uL	50 uL
ICV 460-1086534/17		8260D				20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00085					
BFB 460-1086534/1		8260D								
STD8 460-1086534/3 IC		8260D			5 uL					
STD7 460-1086534/4 IC		8260D			5 uL					
STD1 460-1086534/6 IC		8260D			5 uL					
STD5 460-1086534/7 IC		8260D			5 uL					
STD20 460-1086534/8 ICIS		8260D			5 uL					
STD050 460-1086534/9 IC		8260D			5 uL					
STD200 460-1086534/10 IC		8260D			5 uL					
STD500 460-1086534/11 IC		8260D			5 uL					
ICV 460-1086534/17		8260D			5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Batch Number: 1086534 Batch Start Date: 01/20/26 23:01 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Batch Number: 1088584 Batch Start Date: 02/03/26 07:29 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00051	8260MIX1COMB 00217	ACROLEIN W 00193
CCVIS 460-1088584/4		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-1088584/5		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-1088584/6		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-1088584/10		8260D			5 mL	5 mL				
460-344099-B-2 MS	MW-7_20260128	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-344099-B-2 MSD	MW-7_20260128	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-344099-B-5	FB-01_20260128	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-344099-B-6	TB-01_20260128	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-344099-B-2	MW-7_20260128	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-344099-B-1	MW-8_20260128	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-344099-B-3	MW-6_20260128	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-344099-B-4	DUP-01_20260128	8260D	Water	T	5 mL	5 mL	<2 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00682	VOA6IS/SURR 00085	AnalysisComment			
CCVIS 460-1088584/4		8260D			20 uL	5 uL				
LCS 460-1088584/5		8260D			20 uL	5 uL				
LCSD 460-1088584/6		8260D			20 uL	5 uL				
MB 460-1088584/10		8260D				5 uL				
460-344099-B-2 MS	MW-7_20260128	8260D	Water	T	20 uL	5 uL				
460-344099-B-2 MSD	MW-7_20260128	8260D	Water	T	20 uL	5 uL				
460-344099-B-5	FB-01_20260128	8260D	Water	T		5 uL				
460-344099-B-6	TB-01_20260128	8260D	Water	T		5 uL	No written field label			
460-344099-B-2	MW-7_20260128	8260D	Water	T		5 uL				
460-344099-B-1	MW-8_20260128	8260D	Water	T		5 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-344099-1

SDG No.:

Batch Number: 1088584 Batch Start Date: 02/03/26 07:29 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00682	VOA6IS/SURR 00085	AnalysisComment			
460-344099-B-3	MW-6_20260128	8260D	Water	T		5 uL				
460-344099-B-4	DUP-01_20260128	8260D	Water	T		5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Eurofins Edison
7 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins

Client Information	Sampler: S Greco	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-205594-134387 1
Client Contact: Matthew Forshay	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Haley & Aldrich Inc	PWSID:	Analysis Requested		Job #: 344099
Address: 299 Cherry Hil Road Suite 303	Due Date Requested:			Preservation Codes: A HCL
City: Parsippany	TAT Requested (days):			
State, Zip: NJ 07054	Compliance Project: Δ Yes Δ No			
Phone: 646-893-4733(Tel)	PO #: 0205125			
Email: MForshay@haleyaldrich.com	WO #:			
Project Name: 1885 Atlantic Avenue Brooklyn	Project #: 46041610			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/Part 375 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-8_20260128	1/28/26	1645	G	Water			X		
MW-7_20260128	1/28/26	1550	G	Water		X	X		MS/MSD 3x VOAs
MW-6_20260128	1/28/26	1455	G	Water			X		
DUP-01_20260128	1/28/26	1357	G	Water			X		
FB-01-20260128	1/28/26	1445	G	Water			X		
TB-01-20260128	1/28/26	1500	G	Water			X		
				Water					
				Water					
				Water					

460-344099 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Diana Greco	1/28/26 1615 pm	ETA		1/29/26 1945	ETA
	1/29/26 2055	ETA		1/30/26 1200	ETA
	1/30/26 1855	ETA		1/30/26 1815	ETA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 2.5/2.6 #10

Ver 05/06/24

Job Number: 344099

Eurofins Edison
Receipt Temperature and pH Log

Number of Coolers: 1 IR Gun # 10

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.5 °C	2.6 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	1,4-Dioxane (pH<4)	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 5
9/5/2025

Initials: QH **Date:** 1/30/26

2/5/2026
8:39:33 AM

Login Sample Receipt Checklist

Client: Haley & Aldrich Inc

Job Number: 460-344099-1

Login Number: 344099
List Number: 1
Creator: Nelson, Rose E

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX H
VOC Mass Removal Calculations

APPENDIX H
VOC MASS REMOVAL CALCULATIONS
1885 ATLANTIC AVENUE
BROOKLYN, NEW YORK

									Total COCs		Total VOCs	
Date	Flow (CFM)	Flow (CFD)	Previous Blower Time (hrs)	Blower Time (hrs)	Elapsed Time (hrs)	Elapsed Time (days)	Volume Treated (ft^3)	Volume Treated (m^3)	Influent Conc. ($\mu g/m^3$)	Mass Removed (lbs)	Influent Conc. ($\mu g/m^3$)	Mass Removed (lbs)
2/20/2025	85.4	122,976	25	4,753	4,728	197	24,226,272	686,010	9287	14.033	12888	19.474
3/11/2025	56.7	81,590	4,753	5,210	458	19	1,555,657	44,051	9287	0.901	12888	1.251
4/7/2025	210.9	303,667	5,210	5,855	645	27	8,163,587	231,167	9287	4.729	12888	6.562
5/2/2025	150.0	216,000	5,855	6,014	159	7	1,429,200	40,470	9287	0.828	12888	1.149
6/12/2025	210.3	302,832	6,014	6,557	543	23	6,847,789	193,907	984	0.420	2088	0.892
7/10/2025	188.3	271,152	6,557	6,850	293	12	3,312,574	93,801	4565	0.943	5186	1.071
8/14/2025	198.0	285,120	6,850	7,689	839	35	9,963,756	282,142	2881	1.790	6599	4.101
9/26/2025	233.2	335,808	7,689	8,721	1,032	43	14,435,546	408,768	9728	8.759	13541	12.192
10/15/2025	253.5	365,040	8,721	9,176	455	19	6,926,634	196,140	30951	13.372	40169	17.354
11/3/2025	275.0	396,000	9,176	9,632	456	19	7,525,650	213,102	30951	14.528	40169	18.855
12/8/2025	278.0	400,320	9,632	10,472	840	35	14,002,860	396,516	11605	10.135	19227	16.793
1/28/2026	305.0	439,200	10,472	11,694	1,223	51	22,377,240	633,652	11605	16.197	19227	26.836
2/26/2026	218	313,920	11,694	12,392	698	29	9,128,532	258,491	13978	7.959	22438	12.775
3/18/2026	188	270,720	12,392	12,869	477	20	5,382,816	152,424	13978	4.693	22438	7.533
Total						535	135,278,112	3,830,643		99		147

Notes:

$\mu g/m^3$ = micrograms per cubic meter
CFD - cubic feet per day
CFM - cubic feet per minute
ft^3 = cubic feet
hrs = hours
m^3 = cubic meter
Total COCs - includes contaminants of concern including benzene, ethylbenzene, toluene, xylenes, 2,2,4-trimethylpentane, cyclohexane, and heptane
Total VOCs - volatile organic compounds included on TO-15 list, includes detected compounds only

APPENDIX I
Site-Wide Inspection Forms

ENGINEERING CONTROL INSPECTION FORM

1885 ATLANTIC AVENUE

BROOKLYN, NEW YORK

Passive Sub-Slab Depressurization System Component	Condition	No	Yes	Describe Deficiency	Any Corrective Action Performed? If so, describe
Vapor Barrier	Holes, cracks, or other physical deficiencies? (only applicable if asphalt/foundation above is damaged)	X		Surficial cracks observed in the garage space. Not significant enough to impact the vapor barrier	None; recommend sealing during next annual inspection
Active Sub-Slab Depressurization System	Holes, cracks, or other physical deficiencies?	X			
	Blockages in SSDS piping?	X			
	Monitoring Points Damaged?	X			
	SSDS accessories (listed in section 15880) damaged or not functioning properly?	X			
	Fan stack guy wires damaged?	X			
	Motor housing dusty or greasy? (If so, remove)	X			
	Is the spare fan unit missing?	X			
	Indicator lights on the Building Management System not functioning properly?	X			
	Bolts/set screws loose or rusty?	X			

Name of Inspector: Omar Colon

Date of Inspection: December 10, 2025

Photo 1: View of parking garage and MW-8, facing north.

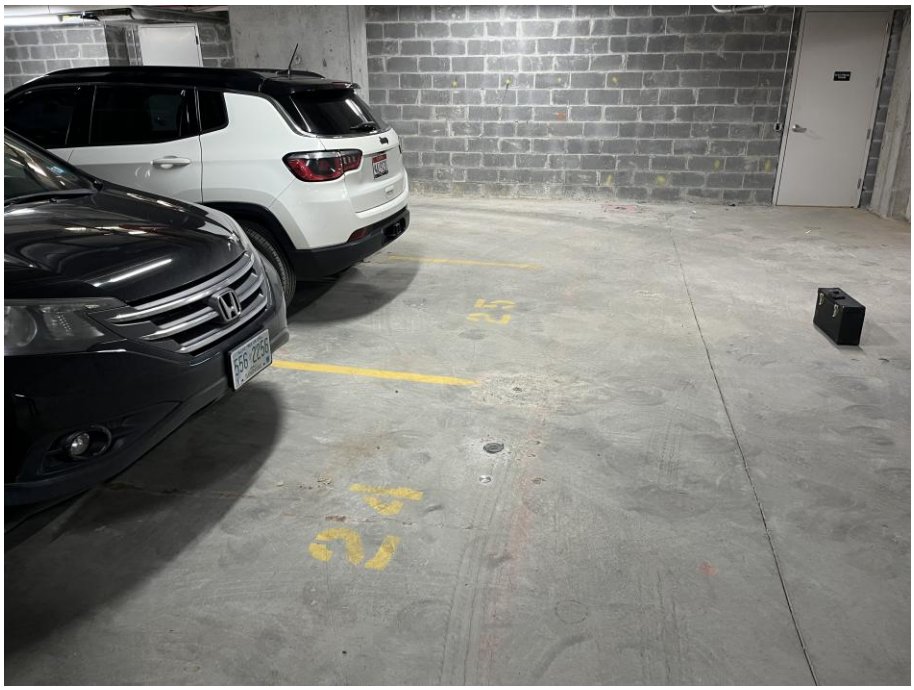


Photo 2: View of parking garage, MP-4 in the foreground, and MW-7 in the background, facing east.

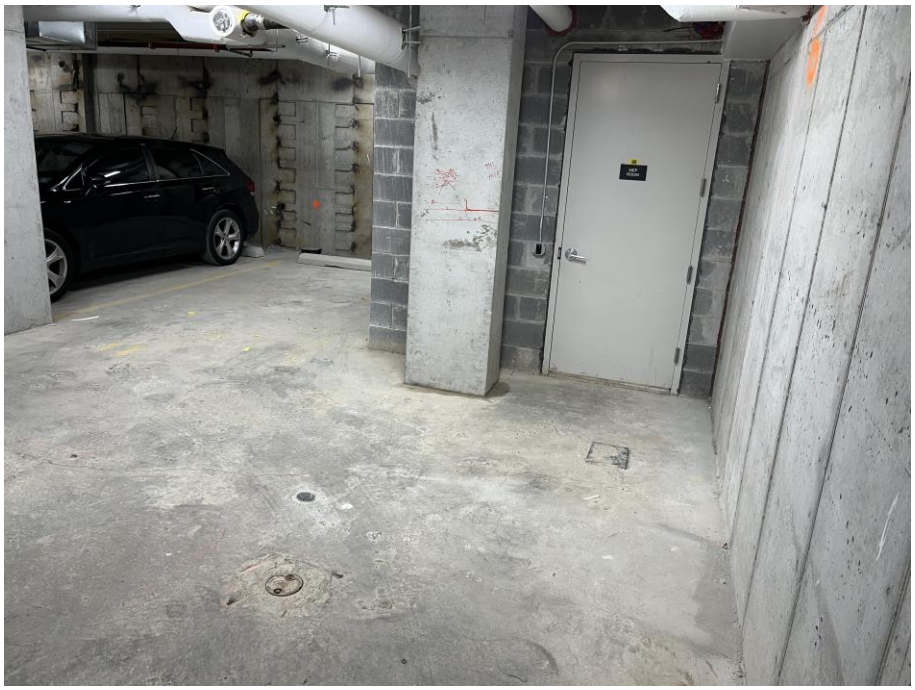


Photo 3: View of parking garage, MP-6, and MW-6, facing north.

Photo 4: View of surficial crack in parking garage slab near MP-2, facing east.

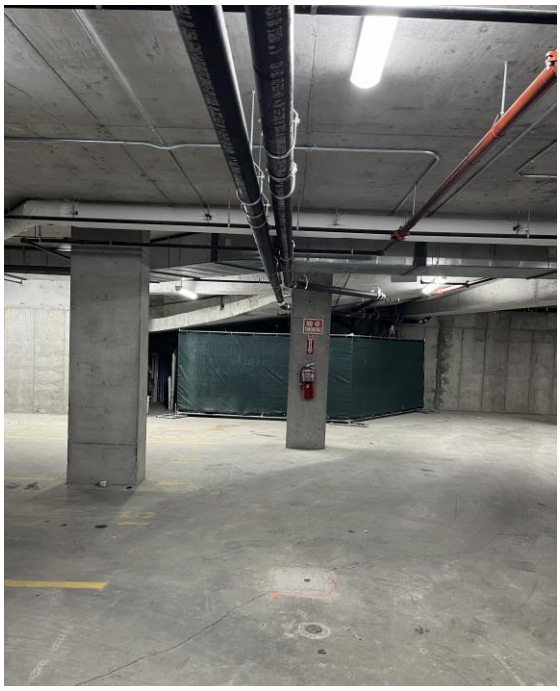


Photo 5: View of surficial crack in parking garage slab near MP-1 in foreground and the soil vapor extraction (SVE) system enclosure area/privacy fence, facing west.

Photo 6: View of trash compactor room, facing south.

Photo 7: View of water and gas meter room, facing south.

Photo 8: View of electrical room, facing south.

Photo 9: View of mechanical, electrical, and plumbing room, facing northeast.

Photo 10: View of SVE system and enclosure area/privacy fence, facing south.

Photo 11: View of monitoring points and SVE wells associated with the SVE system, facing south.

APPENDIX J
SVI Evaluation Laboratory Analytical Report

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Matthew Levy
Haley & Aldrich, Inc.
213 West 35th St
New York, New York 10001

Generated 3/25/2025 10:20:10 AM

JOB DESCRIPTION

1885 Atlantic Avenue

JOB NUMBER

200-77312-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

myEOL

Job Notes

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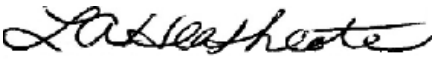
The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



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3/25/2025 10:20:10 AM

Authorized for release by
Lee Ann Heathcote, Project Manager II
LeeAnn.Heathcote@et.eurofinsus.com
(802)923-1028

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
200-77312-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 3/14/2025 10:35 AM. Unless otherwise noted below, the samples arrived in good condition.

Receipt Exceptions
The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): MP-1_20250312. The container label listed asset ID 2911, while COC listed 2511. Sample was logged in per container ID.

Client revised sample IDs via email on 3/19/2025 as follows:

Lab ID	Original Sample ID	New Sample ID
200-77312-7	MP-1IA_20250312	IA-01_20250312
200-77312-8	MP-2IA_20250312	IA-02_20250312
200-77312-9	MP-3IA_20250312	IA-03_20250312
200-77312-10	MP-4IA_20250312	IA-04_20250312
200-77312-11	MP-5IA_20250312	IA-05_20250312
200-77312-12	MP-6IA_20250312	IA-06_20250312

Special Instructions on COC requested that laboratory log in samples using sampling Start Dates and Times. Client clarified on 3/25/2025 to use End Dates/Times, as per normal lab procedures for integrated air samples.

Air - GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-1_20250312

Lab Sample ID: 200-77312-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.9		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.41	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	10		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.44	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	16		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	11	J	12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.76	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	12		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloroform	0.26	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	14	J	15	3.8	ug/m3	1		TO-15	Total/NA
Cyclohexane	2.0		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.39		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	6.3		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	13		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.3		0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	3.3		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.21	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	13		0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	15		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	6.3		0.87	0.27	ug/m3	1		TO-15	Total/NA
Cumene	3.7		0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	1.9		0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	2.2		0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	2.7		0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	8.9		0.98	0.39	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	1.4		1.1	0.33	ug/m3	1		TO-15	Total/NA
Naphthalene	5.1		2.0	1.6	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.43	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.83		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.20	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	4.3		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19	J	0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.058	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	6.7		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	4.6	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.22	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	3.3		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	0.052	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Tetrahydrofuran	4.7	J	5.0	1.3	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.57		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.063		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.3		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	4.1		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.31		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.86		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.030	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	3.0		0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	3.5		0.50	0.095	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-1_20250312 (Continued)

Lab Sample ID: 200-77312-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene	1.4		0.20	0.063	ppb v/v	1		TO-15	Total/NA
Cumene	0.76		0.20	0.041	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.38		0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.46		0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.54		0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.8		0.20	0.080	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.25		0.20	0.061	ppb v/v	1		TO-15	Total/NA
Naphthalene	0.98		0.38	0.30	ppb v/v	1		TO-15	Total/NA

Client Sample ID: MP-2_20250312

Lab Sample ID: 200-77312-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.7	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.78	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.45	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.50	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.0	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
Cyclohexane	72		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.32		0.22	0.14	ug/m3	1		TO-15	Total/NA
Benzene	2.0		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	35		0.82	0.23	ug/m3	1		TO-15	Total/NA
1,4-Dioxane	1.2	J	18	0.30	ug/m3	1		TO-15	Total/NA
Toluene	2.2		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.24	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.72	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.3	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.57	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
Cumene	0.22	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.44	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.78	J	0.98	0.39	ug/m3	1		TO-15	Total/NA
n-Butane - DL	500	D	14	5.6	ug/m3	11.8		TO-15	Total/NA
n-Hexane - DL	480	D	21	4.6	ug/m3	11.8		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	350	D	11	2.1	ug/m3	11.8		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.42	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.47	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.38	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.18	J	0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.059	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.16	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.29	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
Cyclohexane	21		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.051		0.035	0.022	ppb v/v	1		TO-15	Total/NA
Benzene	0.61		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	8.5		0.20	0.055	ppb v/v	1		TO-15	Total/NA
1,4-Dioxane	0.32	J	5.0	0.082	ppb v/v	1		TO-15	Total/NA
Toluene	0.59		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.036	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.17	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-2_20250312 (Continued) — Lab Sample ID: 200-77312-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m,p-Xylene	0.30	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.13	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
Cumene	0.045	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.090	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.16	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA
n-Butane - DL	210	D	5.9	2.4	ppb v/v	11.8		TO-15	Total/NA
n-Hexane - DL	140	D	5.9	1.3	ppb v/v	11.8		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	74	D	2.4	0.45	ppb v/v	11.8		TO-15	Total/NA

Client Sample ID: MP-3_20250312 — Lab Sample ID: 200-77312-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.1	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.34	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	3.2		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.47	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	11	J	12	3.8	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.95	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
n-Hexane	5.6		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloroform	0.30	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.77		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.37		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.9		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.50	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.69	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
1,4-Dioxane	0.32	J	18	0.30	ug/m3	1		TO-15	Total/NA
Toluene	2.1		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.15	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.53	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.8	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.68	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.61	J	0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.41	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.31	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.16	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	1.4		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.18	J	0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.061	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	4.7	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.31	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Hexane	1.6		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	0.061	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.22		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.060		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.40		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.16	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.17	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
1,4-Dioxane	0.090	J	5.0	0.082	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-3_20250312 (Continued) — Lab Sample ID: 200-77312-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.56		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.022	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.12	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.41	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.16	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.12	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: MP-4_20250312 — Lab Sample ID: 200-77312-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	6.9		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	17		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.44	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	17		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	5.9	J	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.44	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.90	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	16		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloroform	0.27	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.7		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.39		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	3.7		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.98		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.87		0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	2.7		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.61	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	4.5		0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	34		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	12		0.87	0.27	ug/m3	1		TO-15	Total/NA
Cumene	0.45	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.67	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	1.1		0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.7		0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	4.5		0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	2.0		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.62		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	7.1		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.058	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	7.2		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.4	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.14	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.26	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	4.5		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	0.056	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.51		0.20	0.058	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-4_20250312 (Continued) — Lab Sample ID: 200-77312-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.062		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.80		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.31		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.21		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.72		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.089	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	1.0		0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	7.9		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	2.8		0.20	0.063	ppb v/v	1		TO-15	Total/NA
Cumene	0.091	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.14	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.22		0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.34		0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.92		0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: MP-5_20250312 — Lab Sample ID: 200-77312-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chloromethane	0.77	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	4.3		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.45	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	11	J	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	8.7	J	12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.67	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.72	J	0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	4.1		1.8	0.39	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	12	J	15	3.8	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.61	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.41		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.96		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.74		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.66	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	2.4		0.75	0.23	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.58	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	2.5		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	1.0		0.87	0.27	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.30	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.3		0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.42	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.37	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	1.8		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.18	J	0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.059	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	4.5	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	3.5	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.19	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.18	J	0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	1.2		0.50	0.11	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-5_20250312 (Continued) — Lab Sample ID: 200-77312-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrahydrofuran	4.0	J	5.0	1.3	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.18	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.065		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.21		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.23		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.16	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.64		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.13	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.57		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.23		0.20	0.063	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.061	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.25		0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: MP-6_20250312 — Lab Sample ID: 200-77312-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.8		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.2		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	18		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.53	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	24		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	5.9	J	12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.99	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	17		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.5		1.5	1.4	ug/m3	1		TO-15	Total/NA
Chloroform	0.48	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.9		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.39		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	4.5		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.96		0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	1.9		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.56	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.39	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.6	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.61	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.67	J	0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.47	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.80		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.59		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	7.7		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.069	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	10		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.4	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.29	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	4.7		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.51		0.50	0.49	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-6_20250312 (Continued)

Lab Sample ID: 200-77312-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.099	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.55		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.062		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.96		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.34		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.24		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.51		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.083	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.090	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.37	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.14	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.14	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-01_20250312

Lab Sample ID: 200-77312-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	19		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.11	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.48	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	13		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	5.7	J	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.0	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.65	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	19		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloroform	0.20	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.6		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.42		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.6		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.66	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
1,4-Dioxane	0.47	J	18	0.30	ug/m3	1		TO-15	Total/NA
Toluene	1.0		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.18	J	1.4	0.14	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.33	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.69		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	8.1		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.049	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.21		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.063	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	5.6		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.3	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.33	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.19	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	5.3		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	0.042	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-01_20250312 (Continued)

Lab Sample ID: 200-77312-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	0.48		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.066		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.56		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.36		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.16	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
1,4-Dioxane	0.13	J	5.0	0.082	ppb v/v	1		TO-15	Total/NA
Toluene	0.28		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.027	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-02_20250312

Lab Sample ID: 200-77312-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.3	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	20		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.48	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	18		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	7.1	J	12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.7		1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	17		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.4	J	1.5	1.4	ug/m3	1		TO-15	Total/NA
Chloroform	0.22	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	2.5		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.33		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.8		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.3		0.82	0.23	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	0.98		0.92	0.43	ug/m3	1		TO-15	Total/NA
Toluene	8.9		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.22	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.32	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.98	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.33	J	0.87	0.27	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.44	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.37	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.70		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	8.4		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.062	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	7.4		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.9	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.49		0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	4.8		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.47	J	0.50	0.49	ppb v/v	1		TO-15	Total/NA
Chloroform	0.046	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.73		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.052		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.59		0.20	0.038	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-02_20250312 (Continued)

Lab Sample ID: 200-77312-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.35		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.32		0.20	0.055	ppb v/v	1		TO-15	Total/NA
1,2-Dichloropropane	0.21		0.20	0.094	ppb v/v	1		TO-15	Total/NA
Toluene	2.4		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.032	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.075	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.23	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.077	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-03_20250312

Lab Sample ID: 200-77312-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	20		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.13	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.48	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	20		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	5.5	J	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.74	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.65	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.19	J	0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	20		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.6		1.5	1.4	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.7		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.41		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.8		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.2		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.2		0.82	0.23	ug/m3	1		TO-15	Total/NA
1,4-Dioxane	0.61	J	18	0.30	ug/m3	1		TO-15	Total/NA
Toluene	1.3		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.19	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.77	J	2.2	0.41	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.44	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.33	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.70		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	8.4		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.057	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.062	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	8.4		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.2	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.24	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.19	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.049	J	0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	5.6		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.54		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.49		0.20	0.058	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-03_20250312 (Continued)

Lab Sample ID: 200-77312-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.066		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.59		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.37		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.29		0.20	0.055	ppb v/v	1		TO-15	Total/NA
1,4-Dioxane	0.17	J	5.0	0.082	ppb v/v	1		TO-15	Total/NA
Toluene	0.34		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.028	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.18	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-04_20250312

Lab Sample ID: 200-77312-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	20		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.12	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.47	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	13		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	6.6	J	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.48	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.68	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	19		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloroform	0.23	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.6		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.38		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.7		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.73	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	1.3		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.18	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.74	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.28	J	0.87	0.27	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.43	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.33	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.73		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	8.3		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.054	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.061	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	5.6		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.7	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.15	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.20	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	5.3		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	0.047	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.47		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.061		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.57		0.20	0.038	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-04_20250312 (Continued) — Lab Sample ID: 200-77312-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.36		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.18	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.34		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.026	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.17	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.065	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-05_20250312 — Lab Sample ID: 200-77312-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	19		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.10	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.47	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	11	J	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	5.6	J	12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.68	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	17		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloroform	0.20	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.5		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.38		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.5		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.67	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	1.3		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.18	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.30	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.85	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.38	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.57	J	0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.34	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.71		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	8.1		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.047	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.062	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	4.7	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.3	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.20	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	4.9		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloroform	0.040	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.42		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.060		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.53		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.35		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.16	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-05_20250312 (Continued)

Lab Sample ID: 200-77312-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.34		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.026	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.069	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.20	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.088	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.12	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: IA-06_20250312

Lab Sample ID: 200-77312-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.6		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	22		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.13	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.47	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	20		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	7.2	J	12	3.9	ug/m3	1		TO-15	Total/NA
n-Hexane	21		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.0		1.5	1.4	ug/m3	1		TO-15	Total/NA
Chloroform	0.23	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	2.1		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.21	J	0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	4.9		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	1.3		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.1		0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	1.6		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.18	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.1	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.37	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.47	J	0.98	0.39	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.44	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.34	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.79		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	9.4		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.057	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.061	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	8.2		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.9	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
n-Hexane	5.9		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.67		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Chloroform	0.048	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.60		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.033	J	0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.1		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.39		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.26		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.44		0.20	0.062	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-06_20250312 (Continued)

Lab Sample ID: 200-77312-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.027	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.25	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.085	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.096	J	0.20	0.080	ppb v/v	1		TO-15	Total/NA

Client Sample ID: AA-01_20250312

Lab Sample ID: 200-77312-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.6		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	3.7		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.12	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.48	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	7.2	J	12	3.8	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.88	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	1.0		0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	0.58	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.38		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.44	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.59	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.49	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	0.97		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.17	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.49	J	2.2	0.41	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.74		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.72		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	1.6		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.053	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.063	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	3.0	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.25	J	0.50	0.18	ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.26		0.20	0.023	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.17	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.061		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.095	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.18	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.12	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Toluene	0.26		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.025	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.11	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-1_20250312
Date Collected: 03/13/25 14:50
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-1
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			03/18/25 00:42	1
Chlorodifluoromethane	**2.9**		1.8	0.42	ug/m3			03/18/25 00:42	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/18/25 00:42	1
Chloromethane	**0.41**	**J**	1.0	0.31	ug/m3			03/18/25 00:42	1
n-Butane	**10**		1.2	0.48	ug/m3			03/18/25 00:42	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/18/25 00:42	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/18/25 00:42	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/18/25 00:42	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/18/25 00:42	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/18/25 00:42	1
Trichlorofluoromethane	**1.0**	**J**	1.1	0.28	ug/m3			03/18/25 00:42	1
1,1,2-Trichlorotrifluoroethane	**0.44**	**J**	1.5	0.41	ug/m3			03/18/25 00:42	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/18/25 00:42	1
Acetone	**16**		12	3.8	ug/m3			03/18/25 00:42	1
Isopropyl alcohol	**11**	**J**	12	3.9	ug/m3			03/18/25 00:42	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/18/25 00:42	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/18/25 00:42	1
Methylene Chloride	**0.76**	**J**	1.7	0.63	ug/m3			03/18/25 00:42	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/18/25 00:42	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/18/25 00:42	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/18/25 00:42	1
n-Hexane	**12**		1.8	0.39	ug/m3			03/18/25 00:42	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/18/25 00:42	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/18/25 00:42	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/18/25 00:42	1
Chloroform	**0.26**	**J**	0.98	0.20	ug/m3			03/18/25 00:42	1
Tetrahydrofuran	**14**	**J**	15	3.8	ug/m3			03/18/25 00:42	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/18/25 00:42	1
Cyclohexane	**2.0**		0.69	0.20	ug/m3			03/18/25 00:42	1
Carbon tetrachloride	**0.39**		0.22	0.14	ug/m3			03/18/25 00:42	1
2,2,4-Trimethylpentane	**6.3**		0.93	0.18	ug/m3			03/18/25 00:42	1
Benzene	**13**		0.64	0.14	ug/m3			03/18/25 00:42	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/18/25 00:42	1
n-Heptane	**1.3**		0.82	0.23	ug/m3			03/18/25 00:42	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/18/25 00:42	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/18/25 00:42	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/18/25 00:42	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/18/25 00:42	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/18/25 00:42	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/18/25 00:42	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/18/25 00:42	1
Toluene	**3.3**		0.75	0.23	ug/m3			03/18/25 00:42	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/18/25 00:42	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/18/25 00:42	1
Tetrachloroethene	**0.21**	**J**	1.4	0.14	ug/m3			03/18/25 00:42	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/18/25 00:42	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/18/25 00:42	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/18/25 00:42	1

Client Sample ID: MP-1_20250312
Date Collected: 03/13/25 14:50
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-1
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/18/25 00:42	1
Ethylbenzene	**13**		0.87	0.30	ug/m3			03/18/25 00:42	1
m,p-Xylene	**15**		2.2	0.41	ug/m3			03/18/25 00:42	1
o-Xylene	**6.3**		0.87	0.27	ug/m3			03/18/25 00:42	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/18/25 00:42	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/18/25 00:42	1
Cumene	**3.7**		0.98	0.20	ug/m3			03/18/25 00:42	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/18/25 00:42	1
n-Propylbenzene	**1.9**		0.98	0.23	ug/m3			03/18/25 00:42	1
4-Ethyltoluene	**2.2**		0.98	0.24	ug/m3			03/18/25 00:42	1
1,3,5-Trimethylbenzene	**2.7**		0.98	0.23	ug/m3			03/18/25 00:42	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/18/25 00:42	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/18/25 00:42	1
1,2,4-Trimethylbenzene	**8.9**		0.98	0.39	ug/m3			03/18/25 00:42	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/18/25 00:42	1
4-Isopropyltoluene	**1.4**		1.1	0.33	ug/m3			03/18/25 00:42	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/18/25 00:42	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/18/25 00:42	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/18/25 00:42	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/18/25 00:42	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/18/25 00:42	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/18/25 00:42	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/18/25 00:42	1
Naphthalene	**5.1**		2.0	1.6	ug/m3			03/18/25 00:42	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.43**	**J**	0.50	0.11	ppb v/v			03/18/25 00:42	1
Chlorodifluoromethane	**0.83**		0.50	0.12	ppb v/v			03/18/25 00:42	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/18/25 00:42	1
Chloromethane	**0.20**	**J**	0.50	0.15	ppb v/v			03/18/25 00:42	1
n-Butane	**4.3**		0.50	0.20	ppb v/v			03/18/25 00:42	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/18/25 00:42	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/18/25 00:42	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/18/25 00:42	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/18/25 00:42	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/18/25 00:42	1
Trichlorofluoromethane	**0.19**	**J**	0.20	0.050	ppb v/v			03/18/25 00:42	1
1,1,2-Trichlorotrifluoroethane	**0.058**	**J**	0.20	0.053	ppb v/v			03/18/25 00:42	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/18/25 00:42	1
Acetone	**6.7**		5.0	1.6	ppb v/v			03/18/25 00:42	1
Isopropyl alcohol	**4.6**	**J**	5.0	1.6	ppb v/v			03/18/25 00:42	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/18/25 00:42	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/18/25 00:42	1
Methylene Chloride	**0.22**	**J**	0.50	0.18	ppb v/v			03/18/25 00:42	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/18/25 00:42	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/18/25 00:42	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/18/25 00:42	1
n-Hexane	**3.3**		0.50	0.11	ppb v/v			03/18/25 00:42	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/18/25 00:42	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-1_20250312
Date Collected: 03/13/25 14:50
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-1
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/18/25 00:42	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/18/25 00:42	1
Chloroform	**0.052**	**J**	0.20	0.041	ppb v/v			03/18/25 00:42	1
Tetrahydrofuran	**4.7**	**J**	5.0	1.3	ppb v/v			03/18/25 00:42	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/18/25 00:42	1
Cyclohexane	**0.57**		0.20	0.058	ppb v/v			03/18/25 00:42	1
Carbon tetrachloride	**0.063**		0.035	0.022	ppb v/v			03/18/25 00:42	1
2,2,4-Trimethylpentane	**1.3**		0.20	0.038	ppb v/v			03/18/25 00:42	1
Benzene	**4.1**		0.20	0.044	ppb v/v			03/18/25 00:42	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/18/25 00:42	1
n-Heptane	**0.31**		0.20	0.055	ppb v/v			03/18/25 00:42	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/18/25 00:42	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/18/25 00:42	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/18/25 00:42	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/18/25 00:42	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 00:42	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/18/25 00:42	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/18/25 00:42	1
Toluene	**0.86**		0.20	0.062	ppb v/v			03/18/25 00:42	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/18/25 00:42	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/18/25 00:42	1
Tetrachloroethene	**0.030**	**J**	0.20	0.021	ppb v/v			03/18/25 00:42	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/18/25 00:42	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/18/25 00:42	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/18/25 00:42	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 00:42	1
Ethylbenzene	**3.0**		0.20	0.069	ppb v/v			03/18/25 00:42	1
m,p-Xylene	**3.5**		0.50	0.095	ppb v/v			03/18/25 00:42	1
o-Xylene	**1.4**		0.20	0.063	ppb v/v			03/18/25 00:42	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/18/25 00:42	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/18/25 00:42	1
Cumene	**0.76**		0.20	0.041	ppb v/v			03/18/25 00:42	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/18/25 00:42	1
n-Propylbenzene	**0.38**		0.20	0.047	ppb v/v			03/18/25 00:42	1
4-Ethyltoluene	**0.46**		0.20	0.049	ppb v/v			03/18/25 00:42	1
1,3,5-Trimethylbenzene	**0.54**		0.20	0.047	ppb v/v			03/18/25 00:42	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/18/25 00:42	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 00:42	1
1,2,4-Trimethylbenzene	**1.8**		0.20	0.080	ppb v/v			03/18/25 00:42	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/18/25 00:42	1
4-Isopropyltoluene	**0.25**		0.20	0.061	ppb v/v			03/18/25 00:42	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/18/25 00:42	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/18/25 00:42	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/18/25 00:42	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/18/25 00:42	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/18/25 00:42	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/18/25 00:42	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/18/25 00:42	1

Client Sample ID: MP-1_20250312

Lab Sample ID: 200-77312-1

Date Collected: 03/13/25 14:50
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**0.98**		0.38	0.30	ppb v/v			03/18/25 00:42	1

Client Sample ID: MP-2_20250312

Lab Sample ID: 200-77312-2

Date Collected: 03/13/25 13:28
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			03/18/25 01:37	1
Chlorodifluoromethane	**1.7**	**J**	1.8	0.42	ug/m3			03/18/25 01:37	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/18/25 01:37	1
Chloromethane	**0.78**	**J**	1.0	0.31	ug/m3			03/18/25 01:37	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/18/25 01:37	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/18/25 01:37	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/18/25 01:37	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/18/25 01:37	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/18/25 01:37	1
Trichlorofluoromethane	**1.0**	**J**	1.1	0.28	ug/m3			03/18/25 01:37	1
1,1,2-Trichlorotrifluoroethane	**0.45**	**J**	1.5	0.41	ug/m3			03/18/25 01:37	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/18/25 01:37	1
Acetone	12	U	12	3.8	ug/m3			03/18/25 01:37	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			03/18/25 01:37	1
Carbon disulfide	**0.50**	**J**	1.6	0.40	ug/m3			03/18/25 01:37	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/18/25 01:37	1
Methylene Chloride	**1.0**	**J**	1.7	0.63	ug/m3			03/18/25 01:37	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/18/25 01:37	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/18/25 01:37	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/18/25 01:37	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/18/25 01:37	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/18/25 01:37	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/18/25 01:37	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/18/25 01:37	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/18/25 01:37	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/18/25 01:37	1
Cyclohexane	**72**		0.69	0.20	ug/m3			03/18/25 01:37	1
Carbon tetrachloride	**0.32**		0.22	0.14	ug/m3			03/18/25 01:37	1
Benzene	**2.0**		0.64	0.14	ug/m3			03/18/25 01:37	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/18/25 01:37	1
n-Heptane	**35**		0.82	0.23	ug/m3			03/18/25 01:37	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/18/25 01:37	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/18/25 01:37	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/18/25 01:37	1
1,4-Dioxane	**1.2**	**J**	18	0.30	ug/m3			03/18/25 01:37	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/18/25 01:37	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/18/25 01:37	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/18/25 01:37	1
Toluene	**2.2**		0.75	0.23	ug/m3			03/18/25 01:37	1

Client Sample ID: MP-2_20250312
Date Collected: 03/13/25 13:28
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-2
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/18/25 01:37	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/18/25 01:37	1
Tetrachloroethene	**0.24**	**J**	1.4	0.14	ug/m3			03/18/25 01:37	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/18/25 01:37	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/18/25 01:37	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/18/25 01:37	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/18/25 01:37	1
Ethylbenzene	**0.72**	**J**	0.87	0.30	ug/m3			03/18/25 01:37	1
m,p-Xylene	**1.3**	**J**	2.2	0.41	ug/m3			03/18/25 01:37	1
o-Xylene	**0.57**	**J**	0.87	0.27	ug/m3			03/18/25 01:37	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/18/25 01:37	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/18/25 01:37	1
Cumene	**0.22**	**J**	0.98	0.20	ug/m3			03/18/25 01:37	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/18/25 01:37	1
n-Propylbenzene	**0.44**	**J**	0.98	0.23	ug/m3			03/18/25 01:37	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/18/25 01:37	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 01:37	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/18/25 01:37	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/18/25 01:37	1
1,2,4-Trimethylbenzene	**0.78**	**J**	0.98	0.39	ug/m3			03/18/25 01:37	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/18/25 01:37	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/18/25 01:37	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/18/25 01:37	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/18/25 01:37	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/18/25 01:37	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/18/25 01:37	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/18/25 01:37	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/18/25 01:37	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/18/25 01:37	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/18/25 01:37	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.42**	**J**	0.50	0.11	ppb v/v			03/18/25 01:37	1
Chlorodifluoromethane	**0.47**	**J**	0.50	0.12	ppb v/v			03/18/25 01:37	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/18/25 01:37	1
Chloromethane	**0.38**	**J**	0.50	0.15	ppb v/v			03/18/25 01:37	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/18/25 01:37	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/18/25 01:37	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/18/25 01:37	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/18/25 01:37	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/18/25 01:37	1
Trichlorofluoromethane	**0.18**	**J**	0.20	0.050	ppb v/v			03/18/25 01:37	1
1,1,2-Trichlorotrifluoroethane	**0.059**	**J**	0.20	0.053	ppb v/v			03/18/25 01:37	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/18/25 01:37	1
Acetone	5.0	U	5.0	1.6	ppb v/v			03/18/25 01:37	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			03/18/25 01:37	1
Carbon disulfide	**0.16**	**J**	0.50	0.13	ppb v/v			03/18/25 01:37	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/18/25 01:37	1
Methylene Chloride	**0.29**	**J**	0.50	0.18	ppb v/v			03/18/25 01:37	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-2_20250312
Date Collected: 03/13/25 13:28
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-2
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/18/25 01:37	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/18/25 01:37	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/18/25 01:37	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/18/25 01:37	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/18/25 01:37	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/18/25 01:37	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/18/25 01:37	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/18/25 01:37	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/18/25 01:37	1
Cyclohexane	**21**		0.20	0.058	ppb v/v			03/18/25 01:37	1
Carbon tetrachloride	**0.051**		0.035	0.022	ppb v/v			03/18/25 01:37	1
Benzene	**0.61**		0.20	0.044	ppb v/v			03/18/25 01:37	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/18/25 01:37	1
n-Heptane	**8.5**		0.20	0.055	ppb v/v			03/18/25 01:37	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/18/25 01:37	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/18/25 01:37	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/18/25 01:37	1
1,4-Dioxane	**0.32**	**J**	5.0	0.082	ppb v/v			03/18/25 01:37	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 01:37	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/18/25 01:37	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/18/25 01:37	1
Toluene	**0.59**		0.20	0.062	ppb v/v			03/18/25 01:37	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/18/25 01:37	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/18/25 01:37	1
Tetrachloroethene	**0.036**	**J**	0.20	0.021	ppb v/v			03/18/25 01:37	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/18/25 01:37	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/18/25 01:37	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/18/25 01:37	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 01:37	1
Ethylbenzene	**0.17**	**J**	0.20	0.069	ppb v/v			03/18/25 01:37	1
m,p-Xylene	**0.30**	**J**	0.50	0.095	ppb v/v			03/18/25 01:37	1
o-Xylene	**0.13**	**J**	0.20	0.063	ppb v/v			03/18/25 01:37	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/18/25 01:37	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/18/25 01:37	1
Cumene	**0.045**	**J**	0.20	0.041	ppb v/v			03/18/25 01:37	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/18/25 01:37	1
n-Propylbenzene	**0.090**	**J**	0.20	0.047	ppb v/v			03/18/25 01:37	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/18/25 01:37	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 01:37	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/18/25 01:37	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 01:37	1
1,2,4-Trimethylbenzene	**0.16**	**J**	0.20	0.080	ppb v/v			03/18/25 01:37	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/18/25 01:37	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/18/25 01:37	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/18/25 01:37	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/18/25 01:37	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/18/25 01:37	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/18/25 01:37	1

Client Sample ID: MP-2_20250312

Lab Sample ID: 200-77312-2

Date Collected: 03/13/25 13:28
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/18/25 01:37	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/18/25 01:37	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/18/25 01:37	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/18/25 01:37	1

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**500**	**D**	14	5.6	ug/m3			03/18/25 12:36	11.8
n-Hexane	**480**	**D**	21	4.6	ug/m3			03/18/25 12:36	11.8
2,2,4-Trimethylpentane	**350**	**D**	11	2.1	ug/m3			03/18/25 12:36	11.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**210**	**D**	5.9	2.4	ppb v/v			03/18/25 12:36	11.8
n-Hexane	**140**	**D**	5.9	1.3	ppb v/v			03/18/25 12:36	11.8
2,2,4-Trimethylpentane	**74**	**D**	2.4	0.45	ppb v/v			03/18/25 12:36	11.8

Client Sample ID: MP-3_20250312

Lab Sample ID: 200-77312-3

Date Collected: 03/13/25 14:51
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.0**	**J**	2.5	0.54	ug/m3			03/18/25 03:32	1
Chlorodifluoromethane	**1.1**	**J**	1.8	0.42	ug/m3			03/18/25 03:32	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/18/25 03:32	1
Chloromethane	**0.34**	**J**	1.0	0.31	ug/m3			03/18/25 03:32	1
n-Butane	**3.2**		1.2	0.48	ug/m3			03/18/25 03:32	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/18/25 03:32	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/18/25 03:32	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/18/25 03:32	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/18/25 03:32	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/18/25 03:32	1
Trichlorofluoromethane	**1.0**	**J**	1.1	0.28	ug/m3			03/18/25 03:32	1
1,1,2-Trichlorotrifluoroethane	**0.47**	**J**	1.5	0.41	ug/m3			03/18/25 03:32	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/18/25 03:32	1
Acetone	**11**	**J**	12	3.8	ug/m3			03/18/25 03:32	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			03/18/25 03:32	1
Carbon disulfide	**0.95**	**J**	1.6	0.40	ug/m3			03/18/25 03:32	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/18/25 03:32	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			03/18/25 03:32	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/18/25 03:32	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/18/25 03:32	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/18/25 03:32	1
n-Hexane	**5.6**		1.8	0.39	ug/m3			03/18/25 03:32	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/18/25 03:32	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/18/25 03:32	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/18/25 03:32	1
Chloroform	**0.30**	**J**	0.98	0.20	ug/m3			03/18/25 03:32	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/18/25 03:32	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-3_20250312
Date Collected: 03/13/25 14:51
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-3
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/18/25 03:32	1
Cyclohexane	**0.77**		0.69	0.20	ug/m3			03/18/25 03:32	1
Carbon tetrachloride	**0.37**		0.22	0.14	ug/m3			03/18/25 03:32	1
2,2,4-Trimethylpentane	**1.9**		0.93	0.18	ug/m3			03/18/25 03:32	1
Benzene	**0.50**	**J**	0.64	0.14	ug/m3			03/18/25 03:32	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/18/25 03:32	1
n-Heptane	**0.69**	**J**	0.82	0.23	ug/m3			03/18/25 03:32	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/18/25 03:32	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/18/25 03:32	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/18/25 03:32	1
1,4-Dioxane	**0.32**	**J**	18	0.30	ug/m3			03/18/25 03:32	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/18/25 03:32	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/18/25 03:32	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/18/25 03:32	1
Toluene	**2.1**		0.75	0.23	ug/m3			03/18/25 03:32	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/18/25 03:32	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/18/25 03:32	1
Tetrachloroethene	**0.15**	**J**	1.4	0.14	ug/m3			03/18/25 03:32	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/18/25 03:32	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/18/25 03:32	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/18/25 03:32	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/18/25 03:32	1
Ethylbenzene	**0.53**	**J**	0.87	0.30	ug/m3			03/18/25 03:32	1
m,p-Xylene	**1.8**	**J**	2.2	0.41	ug/m3			03/18/25 03:32	1
o-Xylene	**0.68**	**J**	0.87	0.27	ug/m3			03/18/25 03:32	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/18/25 03:32	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/18/25 03:32	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/18/25 03:32	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/18/25 03:32	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 03:32	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/18/25 03:32	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 03:32	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/18/25 03:32	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/18/25 03:32	1
1,2,4-Trimethylbenzene	**0.61**	**J**	0.98	0.39	ug/m3			03/18/25 03:32	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/18/25 03:32	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/18/25 03:32	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/18/25 03:32	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/18/25 03:32	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/18/25 03:32	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/18/25 03:32	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/18/25 03:32	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/18/25 03:32	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/18/25 03:32	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/18/25 03:32	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.41**	**J**	0.50	0.11	ppb v/v			03/18/25 03:32	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-3_20250312
Date Collected: 03/13/25 14:51
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-3
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodifluoromethane	**0.31**	**J**	0.50	0.12	ppb v/v			03/18/25 03:32	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/18/25 03:32	1
Chloromethane	**0.16**	**J**	0.50	0.15	ppb v/v			03/18/25 03:32	1
n-Butane	**1.4**		0.50	0.20	ppb v/v			03/18/25 03:32	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/18/25 03:32	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/18/25 03:32	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/18/25 03:32	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/18/25 03:32	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/18/25 03:32	1
Trichlorofluoromethane	**0.18**	**J**	0.20	0.050	ppb v/v			03/18/25 03:32	1
1,1,2-Trichlorotrifluoroethane	**0.061**	**J**	0.20	0.053	ppb v/v			03/18/25 03:32	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/18/25 03:32	1
Acetone	**4.7**	**J**	5.0	1.6	ppb v/v			03/18/25 03:32	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			03/18/25 03:32	1
Carbon disulfide	**0.31**	**J**	0.50	0.13	ppb v/v			03/18/25 03:32	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/18/25 03:32	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			03/18/25 03:32	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/18/25 03:32	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/18/25 03:32	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/18/25 03:32	1
n-Hexane	**1.6**		0.50	0.11	ppb v/v			03/18/25 03:32	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/18/25 03:32	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/18/25 03:32	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/18/25 03:32	1
Chloroform	**0.061**	**J**	0.20	0.041	ppb v/v			03/18/25 03:32	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/18/25 03:32	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/18/25 03:32	1
Cyclohexane	**0.22**		0.20	0.058	ppb v/v			03/18/25 03:32	1
Carbon tetrachloride	**0.060**		0.035	0.022	ppb v/v			03/18/25 03:32	1
2,2,4-Trimethylpentane	**0.40**		0.20	0.038	ppb v/v			03/18/25 03:32	1
Benzene	**0.16**	**J**	0.20	0.044	ppb v/v			03/18/25 03:32	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/18/25 03:32	1
n-Heptane	**0.17**	**J**	0.20	0.055	ppb v/v			03/18/25 03:32	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/18/25 03:32	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/18/25 03:32	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/18/25 03:32	1
1,4-Dioxane	**0.090**	**J**	5.0	0.082	ppb v/v			03/18/25 03:32	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 03:32	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/18/25 03:32	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/18/25 03:32	1
Toluene	**0.56**		0.20	0.062	ppb v/v			03/18/25 03:32	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/18/25 03:32	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/18/25 03:32	1
Tetrachloroethene	**0.022**	**J**	0.20	0.021	ppb v/v			03/18/25 03:32	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/18/25 03:32	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/18/25 03:32	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/18/25 03:32	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 03:32	1

Client Sample ID: MP-3_20250312

Lab Sample ID: 200-77312-3

Date Collected: 03/13/25 14:51
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**0.12**	**J**	0.20	0.069	ppb v/v			03/18/25 03:32	1
m,p-Xylene	**0.41**	**J**	0.50	0.095	ppb v/v			03/18/25 03:32	1
o-Xylene	**0.16**	**J**	0.20	0.063	ppb v/v			03/18/25 03:32	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/18/25 03:32	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/18/25 03:32	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/18/25 03:32	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/18/25 03:32	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 03:32	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/18/25 03:32	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 03:32	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/18/25 03:32	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 03:32	1
1,2,4-Trimethylbenzene	**0.12**	**J**	0.20	0.080	ppb v/v			03/18/25 03:32	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/18/25 03:32	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/18/25 03:32	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/18/25 03:32	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/18/25 03:32	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/18/25 03:32	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/18/25 03:32	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/18/25 03:32	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/18/25 03:32	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/18/25 03:32	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/18/25 03:32	1

Client Sample ID: MP-4_20250312

Lab Sample ID: 200-77312-4

Date Collected: 03/13/25 12:09
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			03/18/25 04:32	1
Chlorodifluoromethane	**6.9**		1.8	0.42	ug/m3			03/18/25 04:32	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/18/25 04:32	1
Chloromethane	**1.3**		1.0	0.31	ug/m3			03/18/25 04:32	1
n-Butane	**17**		1.2	0.48	ug/m3			03/18/25 04:32	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/18/25 04:32	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/18/25 04:32	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/18/25 04:32	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/18/25 04:32	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/18/25 04:32	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/18/25 04:32	1
1,1,2-Trichlorotrifluoroethane	**0.44**	**J**	1.5	0.41	ug/m3			03/18/25 04:32	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/18/25 04:32	1
Acetone	**17**		12	3.8	ug/m3			03/18/25 04:32	1
Isopropyl alcohol	**5.9**	**J**	12	3.9	ug/m3			03/18/25 04:32	1
Carbon disulfide	**0.44**	**J**	1.6	0.40	ug/m3			03/18/25 04:32	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/18/25 04:32	1
Methylene Chloride	**0.90**	**J**	1.7	0.63	ug/m3			03/18/25 04:32	1

Client Sample ID: MP-4_20250312
Date Collected: 03/13/25 12:09
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-4
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/18/25 04:32	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/18/25 04:32	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/18/25 04:32	1
n-Hexane	**16**		1.8	0.39	ug/m3			03/18/25 04:32	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/18/25 04:32	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/18/25 04:32	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/18/25 04:32	1
Chloroform	**0.27**	**J**	0.98	0.20	ug/m3			03/18/25 04:32	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/18/25 04:32	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/18/25 04:32	1
Cyclohexane	**1.7**		0.69	0.20	ug/m3			03/18/25 04:32	1
Carbon tetrachloride	**0.39**		0.22	0.14	ug/m3			03/18/25 04:32	1
2,2,4-Trimethylpentane	**3.7**		0.93	0.18	ug/m3			03/18/25 04:32	1
Benzene	**0.98**		0.64	0.14	ug/m3			03/18/25 04:32	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/18/25 04:32	1
n-Heptane	**0.87**		0.82	0.23	ug/m3			03/18/25 04:32	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/18/25 04:32	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/18/25 04:32	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/18/25 04:32	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/18/25 04:32	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/18/25 04:32	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/18/25 04:32	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/18/25 04:32	1
Toluene	**2.7**		0.75	0.23	ug/m3			03/18/25 04:32	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/18/25 04:32	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/18/25 04:32	1
Tetrachloroethene	**0.61**	**J**	1.4	0.14	ug/m3			03/18/25 04:32	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/18/25 04:32	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/18/25 04:32	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/18/25 04:32	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/18/25 04:32	1
Ethylbenzene	**4.5**		0.87	0.30	ug/m3			03/18/25 04:32	1
m,p-Xylene	**34**		2.2	0.41	ug/m3			03/18/25 04:32	1
o-Xylene	**12**		0.87	0.27	ug/m3			03/18/25 04:32	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/18/25 04:32	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/18/25 04:32	1
Cumene	**0.45**	**J**	0.98	0.20	ug/m3			03/18/25 04:32	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/18/25 04:32	1
n-Propylbenzene	**0.67**	**J**	0.98	0.23	ug/m3			03/18/25 04:32	1
4-Ethyltoluene	**1.1**		0.98	0.24	ug/m3			03/18/25 04:32	1
1,3,5-Trimethylbenzene	**1.7**		0.98	0.23	ug/m3			03/18/25 04:32	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/18/25 04:32	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/18/25 04:32	1
1,2,4-Trimethylbenzene	**4.5**		0.98	0.39	ug/m3			03/18/25 04:32	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/18/25 04:32	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/18/25 04:32	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/18/25 04:32	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/18/25 04:32	1

Client Sample ID: MP-4_20250312
Date Collected: 03/13/25 12:09
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-4
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/18/25 04:32	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/18/25 04:32	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/18/25 04:32	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/18/25 04:32	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/18/25 04:32	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/18/25 04:32	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.46**	**J**	0.50	0.11	ppb v/v			03/18/25 04:32	1
Chlorodifluoromethane	**2.0**		0.50	0.12	ppb v/v			03/18/25 04:32	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/18/25 04:32	1
Chloromethane	**0.62**		0.50	0.15	ppb v/v			03/18/25 04:32	1
n-Butane	**7.1**		0.50	0.20	ppb v/v			03/18/25 04:32	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/18/25 04:32	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/18/25 04:32	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/18/25 04:32	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/18/25 04:32	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/18/25 04:32	1
Trichlorofluoromethane	**0.19**		0.20	0.050	ppb v/v			03/18/25 04:32	1
1,1,2-Trichlorotrifluoroethane	**0.058**	**J**	0.20	0.053	ppb v/v			03/18/25 04:32	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/18/25 04:32	1
Acetone	**7.2**		5.0	1.6	ppb v/v			03/18/25 04:32	1
Isopropyl alcohol	**2.4**	**J**	5.0	1.6	ppb v/v			03/18/25 04:32	1
Carbon disulfide	**0.14**	**J**	0.50	0.13	ppb v/v			03/18/25 04:32	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/18/25 04:32	1
Methylene Chloride	**0.26**	**J**	0.50	0.18	ppb v/v			03/18/25 04:32	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/18/25 04:32	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/18/25 04:32	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/18/25 04:32	1
n-Hexane	**4.5**		0.50	0.11	ppb v/v			03/18/25 04:32	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/18/25 04:32	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/18/25 04:32	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/18/25 04:32	1
Chloroform	**0.056**	**J**	0.20	0.041	ppb v/v			03/18/25 04:32	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/18/25 04:32	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/18/25 04:32	1
Cyclohexane	**0.51**		0.20	0.058	ppb v/v			03/18/25 04:32	1
Carbon tetrachloride	**0.062**		0.035	0.022	ppb v/v			03/18/25 04:32	1
2,2,4-Trimethylpentane	**0.80**		0.20	0.038	ppb v/v			03/18/25 04:32	1
Benzene	**0.31**		0.20	0.044	ppb v/v			03/18/25 04:32	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/18/25 04:32	1
n-Heptane	**0.21**		0.20	0.055	ppb v/v			03/18/25 04:32	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/18/25 04:32	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/18/25 04:32	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/18/25 04:32	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/18/25 04:32	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 04:32	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/18/25 04:32	1

Client Sample ID: MP-4_20250312

Lab Sample ID: 200-77312-4

Date Collected: 03/13/25 12:09
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/18/25 04:32	1
Toluene	**0.72**		0.20	0.062	ppb v/v			03/18/25 04:32	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/18/25 04:32	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/18/25 04:32	1
Tetrachloroethene	**0.089**	**J**	0.20	0.021	ppb v/v			03/18/25 04:32	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/18/25 04:32	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/18/25 04:32	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/18/25 04:32	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 04:32	1
Ethylbenzene	**1.0**		0.20	0.069	ppb v/v			03/18/25 04:32	1
m,p-Xylene	**7.9**		0.50	0.095	ppb v/v			03/18/25 04:32	1
o-Xylene	**2.8**		0.20	0.063	ppb v/v			03/18/25 04:32	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/18/25 04:32	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/18/25 04:32	1
Cumene	**0.091**	**J**	0.20	0.041	ppb v/v			03/18/25 04:32	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/18/25 04:32	1
n-Propylbenzene	**0.14**	**J**	0.20	0.047	ppb v/v			03/18/25 04:32	1
4-Ethyltoluene	**0.22**		0.20	0.049	ppb v/v			03/18/25 04:32	1
1,3,5-Trimethylbenzene	**0.34**		0.20	0.047	ppb v/v			03/18/25 04:32	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/18/25 04:32	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 04:32	1
1,2,4-Trimethylbenzene	**0.92**		0.20	0.080	ppb v/v			03/18/25 04:32	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/18/25 04:32	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/18/25 04:32	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/18/25 04:32	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/18/25 04:32	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/18/25 04:32	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/18/25 04:32	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/18/25 04:32	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/18/25 04:32	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/18/25 04:32	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/18/25 04:32	1

Client Sample ID: MP-5_20250312

Lab Sample ID: 200-77312-5

Date Collected: 03/13/25 12:06
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			03/18/25 05:37	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			03/18/25 05:37	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/18/25 05:37	1
Chloromethane	**0.77**	**J**	1.0	0.31	ug/m3			03/18/25 05:37	1
n-Butane	**4.3**		1.2	0.48	ug/m3			03/18/25 05:37	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/18/25 05:37	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/18/25 05:37	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/18/25 05:37	1

Client Sample ID: MP-5_20250312
Date Collected: 03/13/25 12:06
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-5
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/18/25 05:37	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/18/25 05:37	1
Trichlorofluoromethane	**1.0**	**J**	1.1	0.28	ug/m3			03/18/25 05:37	1
1,1,2-Trichlorotrifluoroethane	**0.45**	**J**	1.5	0.41	ug/m3			03/18/25 05:37	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/18/25 05:37	1
Acetone	**11**	**J**	12	3.8	ug/m3			03/18/25 05:37	1
Isopropyl alcohol	**8.7**	**J**	12	3.9	ug/m3			03/18/25 05:37	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/18/25 05:37	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/18/25 05:37	1
Methylene Chloride	**0.67**	**J**	1.7	0.63	ug/m3			03/18/25 05:37	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/18/25 05:37	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/18/25 05:37	1
trans-1,2-Dichloroethene	**0.72**	**J**	0.79	0.091	ug/m3			03/18/25 05:37	1
n-Hexane	**4.1**		1.8	0.39	ug/m3			03/18/25 05:37	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/18/25 05:37	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/18/25 05:37	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/18/25 05:37	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/18/25 05:37	1
Tetrahydrofuran	**12**	**J**	15	3.8	ug/m3			03/18/25 05:37	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/18/25 05:37	1
Cyclohexane	**0.61**	**J**	0.69	0.20	ug/m3			03/18/25 05:37	1
Carbon tetrachloride	**0.41**		0.22	0.14	ug/m3			03/18/25 05:37	1
2,2,4-Trimethylpentane	**0.96**		0.93	0.18	ug/m3			03/18/25 05:37	1
Benzene	**0.74**		0.64	0.14	ug/m3			03/18/25 05:37	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/18/25 05:37	1
n-Heptane	**0.66**	**J**	0.82	0.23	ug/m3			03/18/25 05:37	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/18/25 05:37	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/18/25 05:37	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/18/25 05:37	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/18/25 05:37	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/18/25 05:37	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/18/25 05:37	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/18/25 05:37	1
Toluene	**2.4**		0.75	0.23	ug/m3			03/18/25 05:37	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/18/25 05:37	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/18/25 05:37	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			03/18/25 05:37	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/18/25 05:37	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/18/25 05:37	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/18/25 05:37	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/18/25 05:37	1
Ethylbenzene	**0.58**	**J**	0.87	0.30	ug/m3			03/18/25 05:37	1
m,p-Xylene	**2.5**		2.2	0.41	ug/m3			03/18/25 05:37	1
o-Xylene	**1.0**		0.87	0.27	ug/m3			03/18/25 05:37	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/18/25 05:37	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/18/25 05:37	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/18/25 05:37	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/18/25 05:37	1

Client Sample ID: MP-5_20250312
Date Collected: 03/13/25 12:06
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-5
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 05:37	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/18/25 05:37	1
1,3,5-Trimethylbenzene	**0.30**	**J**	0.98	0.23	ug/m3			03/18/25 05:37	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/18/25 05:37	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/18/25 05:37	1
1,2,4-Trimethylbenzene	**1.3**		0.98	0.39	ug/m3			03/18/25 05:37	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/18/25 05:37	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/18/25 05:37	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/18/25 05:37	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/18/25 05:37	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/18/25 05:37	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/18/25 05:37	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/18/25 05:37	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/18/25 05:37	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/18/25 05:37	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/18/25 05:37	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.42**	**J**	0.50	0.11	ppb v/v			03/18/25 05:37	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			03/18/25 05:37	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/18/25 05:37	1
Chloromethane	**0.37**	**J**	0.50	0.15	ppb v/v			03/18/25 05:37	1
n-Butane	**1.8**		0.50	0.20	ppb v/v			03/18/25 05:37	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/18/25 05:37	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/18/25 05:37	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/18/25 05:37	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/18/25 05:37	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/18/25 05:37	1
Trichlorofluoromethane	**0.18**	**J**	0.20	0.050	ppb v/v			03/18/25 05:37	1
1,1,2-Trichlorotrifluoroethane	**0.059**	**J**	0.20	0.053	ppb v/v			03/18/25 05:37	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/18/25 05:37	1
Acetone	**4.5**	**J**	5.0	1.6	ppb v/v			03/18/25 05:37	1
Isopropyl alcohol	**3.5**	**J**	5.0	1.6	ppb v/v			03/18/25 05:37	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/18/25 05:37	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/18/25 05:37	1
Methylene Chloride	**0.19**	**J**	0.50	0.18	ppb v/v			03/18/25 05:37	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/18/25 05:37	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/18/25 05:37	1
trans-1,2-Dichloroethene	**0.18**	**J**	0.20	0.023	ppb v/v			03/18/25 05:37	1
n-Hexane	**1.2**		0.50	0.11	ppb v/v			03/18/25 05:37	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/18/25 05:37	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/18/25 05:37	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/18/25 05:37	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/18/25 05:37	1
Tetrahydrofuran	**4.0**	**J**	5.0	1.3	ppb v/v			03/18/25 05:37	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/18/25 05:37	1
Cyclohexane	**0.18**	**J**	0.20	0.058	ppb v/v			03/18/25 05:37	1
Carbon tetrachloride	**0.065**		0.035	0.022	ppb v/v			03/18/25 05:37	1
2,2,4-Trimethylpentane	**0.21**		0.20	0.038	ppb v/v			03/18/25 05:37	1

Client Sample ID: MP-5_20250312
Date Collected: 03/13/25 12:06
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-5
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.23**		0.20	0.044	ppb v/v			03/18/25 05:37	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/18/25 05:37	1
n-Heptane	**0.16**	**J**	0.20	0.055	ppb v/v			03/18/25 05:37	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/18/25 05:37	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/18/25 05:37	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/18/25 05:37	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/18/25 05:37	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 05:37	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/18/25 05:37	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/18/25 05:37	1
Toluene	**0.64**		0.20	0.062	ppb v/v			03/18/25 05:37	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/18/25 05:37	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/18/25 05:37	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			03/18/25 05:37	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/18/25 05:37	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/18/25 05:37	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/18/25 05:37	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 05:37	1
Ethylbenzene	**0.13**	**J**	0.20	0.069	ppb v/v			03/18/25 05:37	1
m,p-Xylene	**0.57**		0.50	0.095	ppb v/v			03/18/25 05:37	1
o-Xylene	**0.23**		0.20	0.063	ppb v/v			03/18/25 05:37	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/18/25 05:37	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/18/25 05:37	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/18/25 05:37	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/18/25 05:37	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 05:37	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/18/25 05:37	1
1,3,5-Trimethylbenzene	**0.061**	**J**	0.20	0.047	ppb v/v			03/18/25 05:37	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/18/25 05:37	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 05:37	1
1,2,4-Trimethylbenzene	**0.25**		0.20	0.080	ppb v/v			03/18/25 05:37	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/18/25 05:37	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/18/25 05:37	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/18/25 05:37	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/18/25 05:37	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/18/25 05:37	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/18/25 05:37	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/18/25 05:37	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/18/25 05:37	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/18/25 05:37	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/18/25 05:37	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-6_20250312
Date Collected: 03/13/25 15:30
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-6
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			03/18/25 11:44	1
Chlorodifluoromethane	**2.8**		1.8	0.42	ug/m3			03/18/25 11:44	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/18/25 11:44	1
Chloromethane	**1.2**		1.0	0.31	ug/m3			03/18/25 11:44	1
n-Butane	**18**		1.2	0.48	ug/m3			03/18/25 11:44	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/18/25 11:44	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/18/25 11:44	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/18/25 11:44	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/18/25 11:44	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/18/25 11:44	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/18/25 11:44	1
1,1,2-Trichlorotrifluoroethane	**0.53**	**J**	1.5	0.41	ug/m3			03/18/25 11:44	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/18/25 11:44	1
Acetone	**24**		12	3.8	ug/m3			03/18/25 11:44	1
Isopropyl alcohol	**5.9**	**J**	12	3.9	ug/m3			03/18/25 11:44	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/18/25 11:44	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/18/25 11:44	1
Methylene Chloride	**0.99**	**J**	1.7	0.63	ug/m3			03/18/25 11:44	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/18/25 11:44	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/18/25 11:44	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/18/25 11:44	1
n-Hexane	**17**		1.8	0.39	ug/m3			03/18/25 11:44	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/18/25 11:44	1
Methyl Ethyl Ketone (2-Butanone)	**1.5**		1.5	1.4	ug/m3			03/18/25 11:44	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/18/25 11:44	1
Chloroform	**0.48**	**J**	0.98	0.20	ug/m3			03/18/25 11:44	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/18/25 11:44	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/18/25 11:44	1
Cyclohexane	**1.9**		0.69	0.20	ug/m3			03/18/25 11:44	1
Carbon tetrachloride	**0.39**		0.22	0.14	ug/m3			03/18/25 11:44	1
2,2,4-Trimethylpentane	**4.5**		0.93	0.18	ug/m3			03/18/25 11:44	1
Benzene	**1.1**		0.64	0.14	ug/m3			03/18/25 11:44	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/18/25 11:44	1
n-Heptane	**0.96**		0.82	0.23	ug/m3			03/18/25 11:44	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/18/25 11:44	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/18/25 11:44	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/18/25 11:44	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/18/25 11:44	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/18/25 11:44	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/18/25 11:44	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/18/25 11:44	1
Toluene	**1.9**		0.75	0.23	ug/m3			03/18/25 11:44	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/18/25 11:44	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/18/25 11:44	1
Tetrachloroethene	**0.56**	**J**	1.4	0.14	ug/m3			03/18/25 11:44	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/18/25 11:44	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/18/25 11:44	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/18/25 11:44	1

Client Sample ID: MP-6_20250312
Date Collected: 03/13/25 15:30
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-6
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/18/25 11:44	1
Ethylbenzene	**0.39**	**J**	0.87	0.30	ug/m3			03/18/25 11:44	1
m,p-Xylene	**1.6**	**J**	2.2	0.41	ug/m3			03/18/25 11:44	1
o-Xylene	**0.61**	**J**	0.87	0.27	ug/m3			03/18/25 11:44	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/18/25 11:44	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/18/25 11:44	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/18/25 11:44	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/18/25 11:44	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 11:44	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/18/25 11:44	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 11:44	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/18/25 11:44	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/18/25 11:44	1
1,2,4-Trimethylbenzene	**0.67**	**J**	0.98	0.39	ug/m3			03/18/25 11:44	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/18/25 11:44	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/18/25 11:44	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/18/25 11:44	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/18/25 11:44	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/18/25 11:44	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/18/25 11:44	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/18/25 11:44	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/18/25 11:44	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/18/25 11:44	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/18/25 11:44	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.47**	**J**	0.50	0.11	ppb v/v			03/18/25 11:44	1
Chlorodifluoromethane	**0.80**		0.50	0.12	ppb v/v			03/18/25 11:44	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/18/25 11:44	1
Chloromethane	**0.59**		0.50	0.15	ppb v/v			03/18/25 11:44	1
n-Butane	**7.7**		0.50	0.20	ppb v/v			03/18/25 11:44	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/18/25 11:44	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/18/25 11:44	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/18/25 11:44	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/18/25 11:44	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/18/25 11:44	1
Trichlorofluoromethane	**0.20**		0.20	0.050	ppb v/v			03/18/25 11:44	1
1,1,2-Trichlorotrifluoroethane	**0.069**	**J**	0.20	0.053	ppb v/v			03/18/25 11:44	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/18/25 11:44	1
Acetone	**10**		5.0	1.6	ppb v/v			03/18/25 11:44	1
Isopropyl alcohol	**2.4**	**J**	5.0	1.6	ppb v/v			03/18/25 11:44	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/18/25 11:44	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/18/25 11:44	1
Methylene Chloride	**0.29**	**J**	0.50	0.18	ppb v/v			03/18/25 11:44	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/18/25 11:44	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/18/25 11:44	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/18/25 11:44	1
n-Hexane	**4.7**		0.50	0.11	ppb v/v			03/18/25 11:44	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/18/25 11:44	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-6_20250312
Date Collected: 03/13/25 15:30
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-6
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**0.51**		0.50	0.49	ppb v/v			03/18/25 11:44	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/18/25 11:44	1
Chloroform	**0.099**	**J**	0.20	0.041	ppb v/v			03/18/25 11:44	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/18/25 11:44	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/18/25 11:44	1
Cyclohexane	**0.55**		0.20	0.058	ppb v/v			03/18/25 11:44	1
Carbon tetrachloride	**0.062**		0.035	0.022	ppb v/v			03/18/25 11:44	1
2,2,4-Trimethylpentane	**0.96**		0.20	0.038	ppb v/v			03/18/25 11:44	1
Benzene	**0.34**		0.20	0.044	ppb v/v			03/18/25 11:44	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/18/25 11:44	1
n-Heptane	**0.24**		0.20	0.055	ppb v/v			03/18/25 11:44	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/18/25 11:44	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/18/25 11:44	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/18/25 11:44	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/18/25 11:44	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 11:44	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/18/25 11:44	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/18/25 11:44	1
Toluene	**0.51**		0.20	0.062	ppb v/v			03/18/25 11:44	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/18/25 11:44	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/18/25 11:44	1
Tetrachloroethene	**0.083**	**J**	0.20	0.021	ppb v/v			03/18/25 11:44	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/18/25 11:44	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/18/25 11:44	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/18/25 11:44	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 11:44	1
Ethylbenzene	**0.090**	**J**	0.20	0.069	ppb v/v			03/18/25 11:44	1
m,p-Xylene	**0.37**	**J**	0.50	0.095	ppb v/v			03/18/25 11:44	1
o-Xylene	**0.14**	**J**	0.20	0.063	ppb v/v			03/18/25 11:44	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/18/25 11:44	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/18/25 11:44	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/18/25 11:44	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/18/25 11:44	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 11:44	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/18/25 11:44	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 11:44	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/18/25 11:44	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 11:44	1
1,2,4-Trimethylbenzene	**0.14**	**J**	0.20	0.080	ppb v/v			03/18/25 11:44	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/18/25 11:44	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/18/25 11:44	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/18/25 11:44	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/18/25 11:44	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/18/25 11:44	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/18/25 11:44	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/18/25 11:44	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/18/25 11:44	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/18/25 11:44	1

Client Sample ID: MP-6_20250312

Lab Sample ID: 200-77312-6

Date Collected: 03/13/25 15:30
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/18/25 11:44	1

Client Sample ID: IA-01_20250312

Lab Sample ID: 200-77312-7

Date Collected: 03/13/25 14:49
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			03/17/25 13:40	1
Chlorodifluoromethane	**1.2**	**J**	1.8	0.42	ug/m3			03/17/25 13:40	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 13:40	1
Chloromethane	**1.4**		1.0	0.31	ug/m3			03/17/25 13:40	1
n-Butane	**19**		1.2	0.48	ug/m3			03/17/25 13:40	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 13:40	1
1,3-Butadiene	**0.11**	**J**	0.44	0.086	ug/m3			03/17/25 13:40	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 13:40	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 13:40	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 13:40	1
Trichlorofluoromethane	**1.2**		1.1	0.28	ug/m3			03/17/25 13:40	1
1,1,2-Trichlorotrifluoroethane	**0.48**	**J**	1.5	0.41	ug/m3			03/17/25 13:40	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 13:40	1
Acetone	**13**		12	3.8	ug/m3			03/17/25 13:40	1
Isopropyl alcohol	**5.7**	**J**	12	3.9	ug/m3			03/17/25 13:40	1
Carbon disulfide	**1.0**	**J**	1.6	0.40	ug/m3			03/17/25 13:40	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 13:40	1
Methylene Chloride	**0.65**	**J**	1.7	0.63	ug/m3			03/17/25 13:40	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 13:40	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 13:40	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/17/25 13:40	1
n-Hexane	**19**		1.8	0.39	ug/m3			03/17/25 13:40	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 13:40	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/17/25 13:40	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 13:40	1
Chloroform	**0.20**	**J**	0.98	0.20	ug/m3			03/17/25 13:40	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 13:40	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 13:40	1
Cyclohexane	**1.6**		0.69	0.20	ug/m3			03/17/25 13:40	1
Carbon tetrachloride	**0.42**		0.22	0.14	ug/m3			03/17/25 13:40	1
2,2,4-Trimethylpentane	**2.6**		0.93	0.18	ug/m3			03/17/25 13:40	1
Benzene	**1.1**		0.64	0.14	ug/m3			03/17/25 13:40	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 13:40	1
n-Heptane	**0.66**	**J**	0.82	0.23	ug/m3			03/17/25 13:40	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 13:40	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 13:40	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 13:40	1
1,4-Dioxane	**0.47**	**J**	18	0.30	ug/m3			03/17/25 13:40	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 13:40	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 13:40	1

Client Sample ID: IA-01_20250312
Date Collected: 03/13/25 14:49
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-7
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 13:40	1
Toluene	**1.0**		0.75	0.23	ug/m3			03/17/25 13:40	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 13:40	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 13:40	1
Tetrachloroethene	**0.18**	**J**	1.4	0.14	ug/m3			03/17/25 13:40	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 13:40	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 13:40	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 13:40	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 13:40	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/17/25 13:40	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			03/17/25 13:40	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			03/17/25 13:40	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 13:40	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 13:40	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 13:40	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 13:40	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 13:40	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 13:40	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 13:40	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 13:40	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 13:40	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/17/25 13:40	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 13:40	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 13:40	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 13:40	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 13:40	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 13:40	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 13:40	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 13:40	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 13:40	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 13:40	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 13:40	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.45**	**J**	0.50	0.11	ppb v/v			03/17/25 13:40	1
Chlorodifluoromethane	**0.33**	**J**	0.50	0.12	ppb v/v			03/17/25 13:40	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 13:40	1
Chloromethane	**0.69**		0.50	0.15	ppb v/v			03/17/25 13:40	1
n-Butane	**8.1**		0.50	0.20	ppb v/v			03/17/25 13:40	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 13:40	1
1,3-Butadiene	**0.049**	**J**	0.20	0.039	ppb v/v			03/17/25 13:40	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 13:40	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 13:40	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 13:40	1
Trichlorofluoromethane	**0.21**		0.20	0.050	ppb v/v			03/17/25 13:40	1
1,1,2-Trichlorotrifluoroethane	**0.063**	**J**	0.20	0.053	ppb v/v			03/17/25 13:40	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 13:40	1
Acetone	**5.6**		5.0	1.6	ppb v/v			03/17/25 13:40	1

Client Sample ID: IA-01_20250312
Date Collected: 03/13/25 14:49
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-7
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	**2.3**	**J**	5.0	1.6	ppb v/v			03/17/25 13:40	1
Carbon disulfide	**0.33**	**J**	0.50	0.13	ppb v/v			03/17/25 13:40	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 13:40	1
Methylene Chloride	**0.19**	**J**	0.50	0.18	ppb v/v			03/17/25 13:40	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 13:40	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 13:40	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/17/25 13:40	1
n-Hexane	**5.3**		0.50	0.11	ppb v/v			03/17/25 13:40	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 13:40	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/17/25 13:40	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 13:40	1
Chloroform	**0.042**	**J**	0.20	0.041	ppb v/v			03/17/25 13:40	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 13:40	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 13:40	1
Cyclohexane	**0.48**		0.20	0.058	ppb v/v			03/17/25 13:40	1
Carbon tetrachloride	**0.066**		0.035	0.022	ppb v/v			03/17/25 13:40	1
2,2,4-Trimethylpentane	**0.56**		0.20	0.038	ppb v/v			03/17/25 13:40	1
Benzene	**0.36**		0.20	0.044	ppb v/v			03/17/25 13:40	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 13:40	1
n-Heptane	**0.16**	**J**	0.20	0.055	ppb v/v			03/17/25 13:40	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 13:40	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 13:40	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 13:40	1
1,4-Dioxane	**0.13**	**J**	5.0	0.082	ppb v/v			03/17/25 13:40	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 13:40	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 13:40	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 13:40	1
Toluene	**0.28**		0.20	0.062	ppb v/v			03/17/25 13:40	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 13:40	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 13:40	1
Tetrachloroethene	**0.027**	**J**	0.20	0.021	ppb v/v			03/17/25 13:40	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 13:40	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 13:40	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 13:40	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 13:40	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/17/25 13:40	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			03/17/25 13:40	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			03/17/25 13:40	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 13:40	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 13:40	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 13:40	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 13:40	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 13:40	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 13:40	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 13:40	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 13:40	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 13:40	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/17/25 13:40	1

Client Sample ID: IA-01_20250312

Lab Sample ID: 200-77312-7

Date Collected: 03/13/25 14:49
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 13:40	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 13:40	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 13:40	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 13:40	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 13:40	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 13:40	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 13:40	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 13:40	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 13:40	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 13:40	1

Client Sample ID: IA-02_20250312

Lab Sample ID: 200-77312-8

Date Collected: 03/13/25 13:28
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			03/17/25 14:31	1
Chlorodifluoromethane	**1.3**	**J**	1.8	0.42	ug/m3			03/17/25 14:31	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 14:31	1
Chloromethane	**1.5**		1.0	0.31	ug/m3			03/17/25 14:31	1
n-Butane	**20**		1.2	0.48	ug/m3			03/17/25 14:31	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 14:31	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/17/25 14:31	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 14:31	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 14:31	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 14:31	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/17/25 14:31	1
1,1,2-Trichlorotrifluoroethane	**0.48**	**J**	1.5	0.41	ug/m3			03/17/25 14:31	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 14:31	1
Acetone	**18**		12	3.8	ug/m3			03/17/25 14:31	1
Isopropyl alcohol	**7.1**	**J**	12	3.9	ug/m3			03/17/25 14:31	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/17/25 14:31	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 14:31	1
Methylene Chloride	**1.7**		1.7	0.63	ug/m3			03/17/25 14:31	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 14:31	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 14:31	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/17/25 14:31	1
n-Hexane	**17**		1.8	0.39	ug/m3			03/17/25 14:31	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 14:31	1
Methyl Ethyl Ketone (2-Butanone)	**1.4**	**J**	1.5	1.4	ug/m3			03/17/25 14:31	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 14:31	1
Chloroform	**0.22**	**J**	0.98	0.20	ug/m3			03/17/25 14:31	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 14:31	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 14:31	1
Cyclohexane	**2.5**		0.69	0.20	ug/m3			03/17/25 14:31	1
Carbon tetrachloride	**0.33**		0.22	0.14	ug/m3			03/17/25 14:31	1
2,2,4-Trimethylpentane	**2.8**		0.93	0.18	ug/m3			03/17/25 14:31	1

Client Sample ID: IA-02_20250312
Date Collected: 03/13/25 13:28
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-8
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.1**		0.64	0.14	ug/m3			03/17/25 14:31	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 14:31	1
n-Heptane	**1.3**		0.82	0.23	ug/m3			03/17/25 14:31	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 14:31	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 14:31	1
1,2-Dichloropropane	**0.98**		0.92	0.43	ug/m3			03/17/25 14:31	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/17/25 14:31	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 14:31	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 14:31	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 14:31	1
Toluene	**8.9**		0.75	0.23	ug/m3			03/17/25 14:31	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 14:31	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 14:31	1
Tetrachloroethene	**0.22**	**J**	1.4	0.14	ug/m3			03/17/25 14:31	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 14:31	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 14:31	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 14:31	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 14:31	1
Ethylbenzene	**0.32**	**J**	0.87	0.30	ug/m3			03/17/25 14:31	1
m,p-Xylene	**0.98**	**J**	2.2	0.41	ug/m3			03/17/25 14:31	1
o-Xylene	**0.33**	**J**	0.87	0.27	ug/m3			03/17/25 14:31	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 14:31	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 14:31	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 14:31	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 14:31	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 14:31	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 14:31	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 14:31	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 14:31	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 14:31	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/17/25 14:31	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 14:31	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 14:31	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 14:31	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 14:31	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 14:31	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 14:31	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 14:31	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 14:31	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 14:31	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 14:31	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.44**	**J**	0.50	0.11	ppb v/v			03/17/25 14:31	1
Chlorodifluoromethane	**0.37**	**J**	0.50	0.12	ppb v/v			03/17/25 14:31	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 14:31	1
Chloromethane	**0.70**		0.50	0.15	ppb v/v			03/17/25 14:31	1
n-Butane	**8.4**		0.50	0.20	ppb v/v			03/17/25 14:31	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: IA-02_20250312
Date Collected: 03/13/25 13:28
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-8
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 14:31	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/17/25 14:31	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 14:31	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 14:31	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 14:31	1
Trichlorofluoromethane	**0.20**		0.20	0.050	ppb v/v			03/17/25 14:31	1
1,1,2-Trichlorotrifluoroethane	**0.062**	**J**	0.20	0.053	ppb v/v			03/17/25 14:31	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 14:31	1
Acetone	**7.4**		5.0	1.6	ppb v/v			03/17/25 14:31	1
Isopropyl alcohol	**2.9**	**J**	5.0	1.6	ppb v/v			03/17/25 14:31	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/17/25 14:31	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 14:31	1
Methylene Chloride	**0.49**		0.50	0.18	ppb v/v			03/17/25 14:31	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 14:31	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 14:31	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/17/25 14:31	1
n-Hexane	**4.8**		0.50	0.11	ppb v/v			03/17/25 14:31	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 14:31	1
Methyl Ethyl Ketone (2-Butanone)	**0.47**	**J**	0.50	0.49	ppb v/v			03/17/25 14:31	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 14:31	1
Chloroform	**0.046**	**J**	0.20	0.041	ppb v/v			03/17/25 14:31	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 14:31	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 14:31	1
Cyclohexane	**0.73**		0.20	0.058	ppb v/v			03/17/25 14:31	1
Carbon tetrachloride	**0.052**		0.035	0.022	ppb v/v			03/17/25 14:31	1
2,2,4-Trimethylpentane	**0.59**		0.20	0.038	ppb v/v			03/17/25 14:31	1
Benzene	**0.35**		0.20	0.044	ppb v/v			03/17/25 14:31	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 14:31	1
n-Heptane	**0.32**		0.20	0.055	ppb v/v			03/17/25 14:31	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 14:31	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 14:31	1
1,2-Dichloropropane	**0.21**		0.20	0.094	ppb v/v			03/17/25 14:31	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/17/25 14:31	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 14:31	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 14:31	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 14:31	1
Toluene	**2.4**		0.20	0.062	ppb v/v			03/17/25 14:31	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 14:31	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 14:31	1
Tetrachloroethene	**0.032**	**J**	0.20	0.021	ppb v/v			03/17/25 14:31	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 14:31	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 14:31	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 14:31	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 14:31	1
Ethylbenzene	**0.075**	**J**	0.20	0.069	ppb v/v			03/17/25 14:31	1
m,p-Xylene	**0.23**	**J**	0.50	0.095	ppb v/v			03/17/25 14:31	1
o-Xylene	**0.077**	**J**	0.20	0.063	ppb v/v			03/17/25 14:31	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 14:31	1

Client Sample ID: IA-02_20250312

Lab Sample ID: 200-77312-8

Date Collected: 03/13/25 13:28
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 14:31	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 14:31	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 14:31	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 14:31	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 14:31	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 14:31	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 14:31	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 14:31	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/17/25 14:31	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 14:31	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 14:31	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 14:31	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 14:31	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 14:31	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 14:31	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 14:31	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 14:31	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 14:31	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 14:31	1

Client Sample ID: IA-03_20250312

Lab Sample ID: 200-77312-9

Date Collected: 03/13/25 14:51
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			03/17/25 15:22	1
Chlorodifluoromethane	**1.2**	**J**	1.8	0.42	ug/m3			03/17/25 15:22	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 15:22	1
Chloromethane	**1.4**		1.0	0.31	ug/m3			03/17/25 15:22	1
n-Butane	**20**		1.2	0.48	ug/m3			03/17/25 15:22	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 15:22	1
1,3-Butadiene	**0.13**	**J**	0.44	0.086	ug/m3			03/17/25 15:22	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 15:22	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 15:22	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 15:22	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/17/25 15:22	1
1,1,2-Trichlorotrifluoroethane	**0.48**	**J**	1.5	0.41	ug/m3			03/17/25 15:22	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 15:22	1
Acetone	**20**		12	3.8	ug/m3			03/17/25 15:22	1
Isopropyl alcohol	**5.5**	**J**	12	3.9	ug/m3			03/17/25 15:22	1
Carbon disulfide	**0.74**	**J**	1.6	0.40	ug/m3			03/17/25 15:22	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 15:22	1
Methylene Chloride	**0.65**	**J**	1.7	0.63	ug/m3			03/17/25 15:22	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 15:22	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 15:22	1
trans-1,2-Dichloroethene	**0.19**	**J**	0.79	0.091	ug/m3			03/17/25 15:22	1
n-Hexane	**20**		1.8	0.39	ug/m3			03/17/25 15:22	1

Client Sample ID: IA-03_20250312
Date Collected: 03/13/25 14:51
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-9
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 15:22	1
Methyl Ethyl Ketone (2-Butanone)	**1.6**		1.5	1.4	ug/m3			03/17/25 15:22	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 15:22	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/17/25 15:22	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 15:22	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 15:22	1
Cyclohexane	**1.7**		0.69	0.20	ug/m3			03/17/25 15:22	1
Carbon tetrachloride	**0.41**		0.22	0.14	ug/m3			03/17/25 15:22	1
2,2,4-Trimethylpentane	**2.8**		0.93	0.18	ug/m3			03/17/25 15:22	1
Benzene	**1.2**		0.64	0.14	ug/m3			03/17/25 15:22	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 15:22	1
n-Heptane	**1.2**		0.82	0.23	ug/m3			03/17/25 15:22	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 15:22	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 15:22	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 15:22	1
1,4-Dioxane	**0.61**	**J**	18	0.30	ug/m3			03/17/25 15:22	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 15:22	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 15:22	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 15:22	1
Toluene	**1.3**		0.75	0.23	ug/m3			03/17/25 15:22	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 15:22	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 15:22	1
Tetrachloroethene	**0.19**	**J**	1.4	0.14	ug/m3			03/17/25 15:22	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 15:22	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 15:22	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 15:22	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 15:22	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/17/25 15:22	1
m,p-Xylene	**0.77**	**J**	2.2	0.41	ug/m3			03/17/25 15:22	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			03/17/25 15:22	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 15:22	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 15:22	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 15:22	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 15:22	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 15:22	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 15:22	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 15:22	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 15:22	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 15:22	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/17/25 15:22	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 15:22	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 15:22	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 15:22	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 15:22	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 15:22	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 15:22	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 15:22	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 15:22	1

Client Sample ID: IA-03_20250312
Date Collected: 03/13/25 14:51
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-9
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 15:22	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 15:22	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.44**	**J**	0.50	0.11	ppb v/v			03/17/25 15:22	1
Chlorodifluoromethane	**0.33**	**J**	0.50	0.12	ppb v/v			03/17/25 15:22	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 15:22	1
Chloromethane	**0.70**		0.50	0.15	ppb v/v			03/17/25 15:22	1
n-Butane	**8.4**		0.50	0.20	ppb v/v			03/17/25 15:22	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 15:22	1
1,3-Butadiene	**0.057**	**J**	0.20	0.039	ppb v/v			03/17/25 15:22	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 15:22	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 15:22	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 15:22	1
Trichlorofluoromethane	**0.20**		0.20	0.050	ppb v/v			03/17/25 15:22	1
1,1,2-Trichlorotrifluoroethane	**0.062**	**J**	0.20	0.053	ppb v/v			03/17/25 15:22	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 15:22	1
Acetone	**8.4**		5.0	1.6	ppb v/v			03/17/25 15:22	1
Isopropyl alcohol	**2.2**	**J**	5.0	1.6	ppb v/v			03/17/25 15:22	1
Carbon disulfide	**0.24**	**J**	0.50	0.13	ppb v/v			03/17/25 15:22	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 15:22	1
Methylene Chloride	**0.19**	**J**	0.50	0.18	ppb v/v			03/17/25 15:22	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 15:22	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 15:22	1
trans-1,2-Dichloroethene	**0.049**	**J**	0.20	0.023	ppb v/v			03/17/25 15:22	1
n-Hexane	**5.6**		0.50	0.11	ppb v/v			03/17/25 15:22	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 15:22	1
Methyl Ethyl Ketone (2-Butanone)	**0.54**		0.50	0.49	ppb v/v			03/17/25 15:22	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 15:22	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/17/25 15:22	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 15:22	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 15:22	1
Cyclohexane	**0.49**		0.20	0.058	ppb v/v			03/17/25 15:22	1
Carbon tetrachloride	**0.066**		0.035	0.022	ppb v/v			03/17/25 15:22	1
2,2,4-Trimethylpentane	**0.59**		0.20	0.038	ppb v/v			03/17/25 15:22	1
Benzene	**0.37**		0.20	0.044	ppb v/v			03/17/25 15:22	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 15:22	1
n-Heptane	**0.29**		0.20	0.055	ppb v/v			03/17/25 15:22	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 15:22	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 15:22	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 15:22	1
1,4-Dioxane	**0.17**	**J**	5.0	0.082	ppb v/v			03/17/25 15:22	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 15:22	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 15:22	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 15:22	1
Toluene	**0.34**		0.20	0.062	ppb v/v			03/17/25 15:22	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 15:22	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 15:22	1

Client Sample ID: IA-03_20250312

Lab Sample ID: 200-77312-9

Date Collected: 03/13/25 14:51
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.028**	**J**	0.20	0.021	ppb v/v			03/17/25 15:22	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 15:22	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 15:22	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 15:22	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 15:22	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/17/25 15:22	1
m,p-Xylene	**0.18**	**J**	0.50	0.095	ppb v/v			03/17/25 15:22	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			03/17/25 15:22	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 15:22	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 15:22	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 15:22	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 15:22	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 15:22	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 15:22	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 15:22	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 15:22	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 15:22	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/17/25 15:22	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 15:22	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 15:22	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 15:22	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 15:22	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 15:22	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 15:22	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 15:22	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 15:22	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 15:22	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 15:22	1

Client Sample ID: IA-04_20250312

Lab Sample ID: 200-77312-10

Date Collected: 03/13/25 12:09
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			03/17/25 16:13	1
Chlorodifluoromethane	**1.2**	**J**	1.8	0.42	ug/m3			03/17/25 16:13	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 16:13	1
Chloromethane	**1.5**		1.0	0.31	ug/m3			03/17/25 16:13	1
n-Butane	**20**		1.2	0.48	ug/m3			03/17/25 16:13	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 16:13	1
1,3-Butadiene	**0.12**	**J**	0.44	0.086	ug/m3			03/17/25 16:13	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 16:13	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 16:13	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 16:13	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/17/25 16:13	1
1,1,2-Trichlorotrifluoroethane	**0.47**	**J**	1.5	0.41	ug/m3			03/17/25 16:13	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 16:13	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: IA-04_20250312
Date Collected: 03/13/25 12:09
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-10
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**13**		12	3.8	ug/m3			03/17/25 16:13	1
Isopropyl alcohol	**6.6**	**J**	12	3.9	ug/m3			03/17/25 16:13	1
Carbon disulfide	**0.48**	**J**	1.6	0.40	ug/m3			03/17/25 16:13	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 16:13	1
Methylene Chloride	**0.68**	**J**	1.7	0.63	ug/m3			03/17/25 16:13	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 16:13	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 16:13	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/17/25 16:13	1
n-Hexane	**19**		1.8	0.39	ug/m3			03/17/25 16:13	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 16:13	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/17/25 16:13	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 16:13	1
Chloroform	**0.23**	**J**	0.98	0.20	ug/m3			03/17/25 16:13	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 16:13	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 16:13	1
Cyclohexane	**1.6**		0.69	0.20	ug/m3			03/17/25 16:13	1
Carbon tetrachloride	**0.38**		0.22	0.14	ug/m3			03/17/25 16:13	1
2,2,4-Trimethylpentane	**2.7**		0.93	0.18	ug/m3			03/17/25 16:13	1
Benzene	**1.1**		0.64	0.14	ug/m3			03/17/25 16:13	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 16:13	1
n-Heptane	**0.73**	**J**	0.82	0.23	ug/m3			03/17/25 16:13	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 16:13	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 16:13	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 16:13	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/17/25 16:13	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 16:13	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 16:13	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 16:13	1
Toluene	**1.3**		0.75	0.23	ug/m3			03/17/25 16:13	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 16:13	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 16:13	1
Tetrachloroethene	**0.18**	**J**	1.4	0.14	ug/m3			03/17/25 16:13	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 16:13	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 16:13	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 16:13	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 16:13	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/17/25 16:13	1
m,p-Xylene	**0.74**	**J**	2.2	0.41	ug/m3			03/17/25 16:13	1
o-Xylene	**0.28**	**J**	0.87	0.27	ug/m3			03/17/25 16:13	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 16:13	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 16:13	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 16:13	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 16:13	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 16:13	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 16:13	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 16:13	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 16:13	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 16:13	1

Client Sample ID: IA-04_20250312
Date Collected: 03/13/25 12:09
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-10
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/17/25 16:13	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 16:13	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 16:13	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 16:13	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 16:13	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 16:13	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 16:13	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 16:13	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 16:13	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 16:13	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 16:13	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.43**	**J**	0.50	0.11	ppb v/v			03/17/25 16:13	1
Chlorodifluoromethane	**0.33**	**J**	0.50	0.12	ppb v/v			03/17/25 16:13	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 16:13	1
Chloromethane	**0.73**		0.50	0.15	ppb v/v			03/17/25 16:13	1
n-Butane	**8.3**		0.50	0.20	ppb v/v			03/17/25 16:13	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 16:13	1
1,3-Butadiene	**0.054**	**J**	0.20	0.039	ppb v/v			03/17/25 16:13	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 16:13	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 16:13	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 16:13	1
Trichlorofluoromethane	**0.20**		0.20	0.050	ppb v/v			03/17/25 16:13	1
1,1,2-Trichlorotrifluoroethane	**0.061**	**J**	0.20	0.053	ppb v/v			03/17/25 16:13	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 16:13	1
Acetone	**5.6**		5.0	1.6	ppb v/v			03/17/25 16:13	1
Isopropyl alcohol	**2.7**	**J**	5.0	1.6	ppb v/v			03/17/25 16:13	1
Carbon disulfide	**0.15**	**J**	0.50	0.13	ppb v/v			03/17/25 16:13	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 16:13	1
Methylene Chloride	**0.20**	**J**	0.50	0.18	ppb v/v			03/17/25 16:13	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 16:13	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 16:13	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/17/25 16:13	1
n-Hexane	**5.3**		0.50	0.11	ppb v/v			03/17/25 16:13	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 16:13	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/17/25 16:13	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 16:13	1
Chloroform	**0.047**	**J**	0.20	0.041	ppb v/v			03/17/25 16:13	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 16:13	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 16:13	1
Cyclohexane	**0.47**		0.20	0.058	ppb v/v			03/17/25 16:13	1
Carbon tetrachloride	**0.061**		0.035	0.022	ppb v/v			03/17/25 16:13	1
2,2,4-Trimethylpentane	**0.57**		0.20	0.038	ppb v/v			03/17/25 16:13	1
Benzene	**0.36**		0.20	0.044	ppb v/v			03/17/25 16:13	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 16:13	1
n-Heptane	**0.18**	**J**	0.20	0.055	ppb v/v			03/17/25 16:13	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 16:13	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 16:13	1

Client Sample ID: IA-04_20250312

Lab Sample ID: 200-77312-10

Date Collected: 03/13/25 12:09
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 16:13	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/17/25 16:13	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 16:13	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 16:13	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 16:13	1
Toluene	**0.34**		0.20	0.062	ppb v/v			03/17/25 16:13	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 16:13	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 16:13	1
Tetrachloroethene	**0.026**	**J**	0.20	0.021	ppb v/v			03/17/25 16:13	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 16:13	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 16:13	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 16:13	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 16:13	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/17/25 16:13	1
m,p-Xylene	**0.17**	**J**	0.50	0.095	ppb v/v			03/17/25 16:13	1
o-Xylene	**0.065**	**J**	0.20	0.063	ppb v/v			03/17/25 16:13	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 16:13	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 16:13	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 16:13	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 16:13	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 16:13	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 16:13	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 16:13	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 16:13	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 16:13	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/17/25 16:13	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 16:13	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 16:13	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 16:13	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 16:13	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 16:13	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 16:13	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 16:13	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 16:13	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 16:13	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 16:13	1

Client Sample ID: IA-05_20250312

Lab Sample ID: 200-77312-11

Date Collected: 03/13/25 12:06
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			03/17/25 17:06	1
Chlorodifluoromethane	**1.2**	**J**	1.8	0.42	ug/m3			03/17/25 17:06	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 17:06	1
Chloromethane	**1.5**		1.0	0.31	ug/m3			03/17/25 17:06	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: IA-05_20250312
Date Collected: 03/13/25 12:06
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-11
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**19**		1.2	0.48	ug/m3			03/17/25 17:06	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 17:06	1
1,3-Butadiene	**0.10**	**J**	0.44	0.086	ug/m3			03/17/25 17:06	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 17:06	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 17:06	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 17:06	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/17/25 17:06	1
1,1,2-Trichlorotrifluoroethane	**0.47**	**J**	1.5	0.41	ug/m3			03/17/25 17:06	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 17:06	1
Acetone	**11**	**J**	12	3.8	ug/m3			03/17/25 17:06	1
Isopropyl alcohol	**5.6**	**J**	12	3.9	ug/m3			03/17/25 17:06	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/17/25 17:06	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 17:06	1
Methylene Chloride	**0.68**	**J**	1.7	0.63	ug/m3			03/17/25 17:06	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 17:06	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 17:06	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/17/25 17:06	1
n-Hexane	**17**		1.8	0.39	ug/m3			03/17/25 17:06	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 17:06	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/17/25 17:06	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 17:06	1
Chloroform	**0.20**	**J**	0.98	0.20	ug/m3			03/17/25 17:06	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 17:06	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 17:06	1
Cyclohexane	**1.5**		0.69	0.20	ug/m3			03/17/25 17:06	1
Carbon tetrachloride	**0.38**		0.22	0.14	ug/m3			03/17/25 17:06	1
2,2,4-Trimethylpentane	**2.5**		0.93	0.18	ug/m3			03/17/25 17:06	1
Benzene	**1.1**		0.64	0.14	ug/m3			03/17/25 17:06	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 17:06	1
n-Heptane	**0.67**	**J**	0.82	0.23	ug/m3			03/17/25 17:06	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 17:06	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 17:06	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 17:06	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/17/25 17:06	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 17:06	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 17:06	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 17:06	1
Toluene	**1.3**		0.75	0.23	ug/m3			03/17/25 17:06	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 17:06	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 17:06	1
Tetrachloroethene	**0.18**	**J**	1.4	0.14	ug/m3			03/17/25 17:06	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 17:06	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 17:06	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 17:06	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 17:06	1
Ethylbenzene	**0.30**	**J**	0.87	0.30	ug/m3			03/17/25 17:06	1
m,p-Xylene	**0.85**	**J**	2.2	0.41	ug/m3			03/17/25 17:06	1
o-Xylene	**0.38**	**J**	0.87	0.27	ug/m3			03/17/25 17:06	1

Client Sample ID: IA-05_20250312
Date Collected: 03/13/25 12:06
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-11
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 17:06	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 17:06	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 17:06	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 17:06	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 17:06	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 17:06	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 17:06	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 17:06	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 17:06	1
1,2,4-Trimethylbenzene	**0.57**	**J**	0.98	0.39	ug/m3			03/17/25 17:06	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 17:06	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 17:06	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 17:06	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 17:06	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 17:06	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 17:06	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 17:06	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 17:06	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 17:06	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 17:06	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.45**	**J**	0.50	0.11	ppb v/v			03/17/25 17:06	1
Chlorodifluoromethane	**0.34**	**J**	0.50	0.12	ppb v/v			03/17/25 17:06	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 17:06	1
Chloromethane	**0.71**		0.50	0.15	ppb v/v			03/17/25 17:06	1
n-Butane	**8.1**		0.50	0.20	ppb v/v			03/17/25 17:06	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 17:06	1
1,3-Butadiene	**0.047**	**J**	0.20	0.039	ppb v/v			03/17/25 17:06	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 17:06	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 17:06	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 17:06	1
Trichlorofluoromethane	**0.20**		0.20	0.050	ppb v/v			03/17/25 17:06	1
1,1,2-Trichlorotrifluoroethane	**0.062**	**J**	0.20	0.053	ppb v/v			03/17/25 17:06	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 17:06	1
Acetone	**4.7**	**J**	5.0	1.6	ppb v/v			03/17/25 17:06	1
Isopropyl alcohol	**2.3**	**J**	5.0	1.6	ppb v/v			03/17/25 17:06	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/17/25 17:06	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 17:06	1
Methylene Chloride	**0.20**	**J**	0.50	0.18	ppb v/v			03/17/25 17:06	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 17:06	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 17:06	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/17/25 17:06	1
n-Hexane	**4.9**		0.50	0.11	ppb v/v			03/17/25 17:06	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 17:06	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/17/25 17:06	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 17:06	1
Chloroform	**0.040**	**J**	0.20	0.041	ppb v/v			03/17/25 17:06	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 17:06	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: IA-05_20250312
Date Collected: 03/13/25 12:06
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-11
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 17:06	1
Cyclohexane	**0.42**		0.20	0.058	ppb v/v			03/17/25 17:06	1
Carbon tetrachloride	**0.060**		0.035	0.022	ppb v/v			03/17/25 17:06	1
2,2,4-Trimethylpentane	**0.53**		0.20	0.038	ppb v/v			03/17/25 17:06	1
Benzene	**0.35**		0.20	0.044	ppb v/v			03/17/25 17:06	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 17:06	1
n-Heptane	**0.16**	**J**	0.20	0.055	ppb v/v			03/17/25 17:06	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 17:06	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 17:06	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 17:06	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/17/25 17:06	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 17:06	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 17:06	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 17:06	1
Toluene	**0.34**		0.20	0.062	ppb v/v			03/17/25 17:06	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 17:06	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 17:06	1
Tetrachloroethene	**0.026**	**J**	0.20	0.021	ppb v/v			03/17/25 17:06	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 17:06	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 17:06	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 17:06	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 17:06	1
Ethylbenzene	**0.069**	**J**	0.20	0.069	ppb v/v			03/17/25 17:06	1
m,p-Xylene	**0.20**	**J**	0.50	0.095	ppb v/v			03/17/25 17:06	1
o-Xylene	**0.088**	**J**	0.20	0.063	ppb v/v			03/17/25 17:06	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 17:06	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 17:06	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 17:06	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 17:06	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 17:06	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 17:06	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 17:06	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 17:06	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 17:06	1
1,2,4-Trimethylbenzene	**0.12**	**J**	0.20	0.080	ppb v/v			03/17/25 17:06	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 17:06	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 17:06	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 17:06	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 17:06	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 17:06	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 17:06	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 17:06	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 17:06	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 17:06	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 17:06	1

Client Sample ID: IA-06_20250312
Date Collected: 03/13/25 15:30
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-12
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			03/17/25 17:57	1
Chlorodifluoromethane	**1.2**	**J**	1.8	0.42	ug/m3			03/17/25 17:57	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 17:57	1
Chloromethane	**1.6**		1.0	0.31	ug/m3			03/17/25 17:57	1
n-Butane	**22**		1.2	0.48	ug/m3			03/17/25 17:57	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 17:57	1
1,3-Butadiene	**0.13**	**J**	0.44	0.086	ug/m3			03/17/25 17:57	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 17:57	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 17:57	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 17:57	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/17/25 17:57	1
1,1,2-Trichlorotrifluoroethane	**0.47**	**J**	1.5	0.41	ug/m3			03/17/25 17:57	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 17:57	1
Acetone	**20**		12	3.8	ug/m3			03/17/25 17:57	1
Isopropyl alcohol	**7.2**	**J**	12	3.9	ug/m3			03/17/25 17:57	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/17/25 17:57	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 17:57	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			03/17/25 17:57	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 17:57	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 17:57	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/17/25 17:57	1
n-Hexane	**21**		1.8	0.39	ug/m3			03/17/25 17:57	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 17:57	1
Methyl Ethyl Ketone (2-Butanone)	**2.0**		1.5	1.4	ug/m3			03/17/25 17:57	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 17:57	1
Chloroform	**0.23**	**J**	0.98	0.20	ug/m3			03/17/25 17:57	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 17:57	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 17:57	1
Cyclohexane	**2.1**		0.69	0.20	ug/m3			03/17/25 17:57	1
Carbon tetrachloride	**0.21**	**J**	0.22	0.14	ug/m3			03/17/25 17:57	1
2,2,4-Trimethylpentane	**4.9**		0.93	0.18	ug/m3			03/17/25 17:57	1
Benzene	**1.3**		0.64	0.14	ug/m3			03/17/25 17:57	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 17:57	1
n-Heptane	**1.1**		0.82	0.23	ug/m3			03/17/25 17:57	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 17:57	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 17:57	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 17:57	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/17/25 17:57	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 17:57	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 17:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 17:57	1
Toluene	**1.6**		0.75	0.23	ug/m3			03/17/25 17:57	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 17:57	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 17:57	1
Tetrachloroethene	**0.18**	**J**	1.4	0.14	ug/m3			03/17/25 17:57	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 17:57	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 17:57	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 17:57	1

Client Sample ID: IA-06_20250312
Date Collected: 03/13/25 15:30
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-12
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 17:57	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/17/25 17:57	1
m,p-Xylene	**1.1**	**J**	2.2	0.41	ug/m3			03/17/25 17:57	1
o-Xylene	**0.37**	**J**	0.87	0.27	ug/m3			03/17/25 17:57	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 17:57	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 17:57	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 17:57	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 17:57	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 17:57	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 17:57	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 17:57	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 17:57	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 17:57	1
1,2,4-Trimethylbenzene	**0.47**	**J**	0.98	0.39	ug/m3			03/17/25 17:57	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 17:57	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 17:57	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 17:57	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 17:57	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 17:57	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 17:57	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 17:57	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 17:57	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 17:57	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 17:57	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.44**	**J**	0.50	0.11	ppb v/v			03/17/25 17:57	1
Chlorodifluoromethane	**0.34**	**J**	0.50	0.12	ppb v/v			03/17/25 17:57	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 17:57	1
Chloromethane	**0.79**		0.50	0.15	ppb v/v			03/17/25 17:57	1
n-Butane	**9.4**		0.50	0.20	ppb v/v			03/17/25 17:57	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 17:57	1
1,3-Butadiene	**0.057**	**J**	0.20	0.039	ppb v/v			03/17/25 17:57	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 17:57	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 17:57	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 17:57	1
Trichlorofluoromethane	**0.19**		0.20	0.050	ppb v/v			03/17/25 17:57	1
1,1,2-Trichlorotrifluoroethane	**0.061**	**J**	0.20	0.053	ppb v/v			03/17/25 17:57	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 17:57	1
Acetone	**8.2**		5.0	1.6	ppb v/v			03/17/25 17:57	1
Isopropyl alcohol	**2.9**	**J**	5.0	1.6	ppb v/v			03/17/25 17:57	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/17/25 17:57	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 17:57	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			03/17/25 17:57	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 17:57	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 17:57	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/17/25 17:57	1
n-Hexane	**5.9**		0.50	0.11	ppb v/v			03/17/25 17:57	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 17:57	1

Client Sample ID: IA-06_20250312
Date Collected: 03/13/25 15:30
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-12
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**0.67**		0.50	0.49	ppb v/v			03/17/25 17:57	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 17:57	1
Chloroform	**0.048**	**J**	0.20	0.041	ppb v/v			03/17/25 17:57	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 17:57	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 17:57	1
Cyclohexane	**0.60**		0.20	0.058	ppb v/v			03/17/25 17:57	1
Carbon tetrachloride	**0.033**	**J**	0.035	0.022	ppb v/v			03/17/25 17:57	1
2,2,4-Trimethylpentane	**1.1**		0.20	0.038	ppb v/v			03/17/25 17:57	1
Benzene	**0.39**		0.20	0.044	ppb v/v			03/17/25 17:57	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 17:57	1
n-Heptane	**0.26**		0.20	0.055	ppb v/v			03/17/25 17:57	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 17:57	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 17:57	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 17:57	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/17/25 17:57	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 17:57	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 17:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 17:57	1
Toluene	**0.44**		0.20	0.062	ppb v/v			03/17/25 17:57	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 17:57	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 17:57	1
Tetrachloroethene	**0.027**	**J**	0.20	0.021	ppb v/v			03/17/25 17:57	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 17:57	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 17:57	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 17:57	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 17:57	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/17/25 17:57	1
m,p-Xylene	**0.25**	**J**	0.50	0.095	ppb v/v			03/17/25 17:57	1
o-Xylene	**0.085**	**J**	0.20	0.063	ppb v/v			03/17/25 17:57	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 17:57	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 17:57	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 17:57	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 17:57	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 17:57	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 17:57	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 17:57	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 17:57	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 17:57	1
1,2,4-Trimethylbenzene	**0.096**	**J**	0.20	0.080	ppb v/v			03/17/25 17:57	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 17:57	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 17:57	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 17:57	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 17:57	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 17:57	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 17:57	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 17:57	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 17:57	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 17:57	1

Client Sample ID: IA-06_20250312

Lab Sample ID: 200-77312-12

Date Collected: 03/13/25 15:30
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 17:57	1

Client Sample ID: AA-01_20250312

Lab Sample ID: 200-77312-13

Date Collected: 03/13/25 14:09
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			03/17/25 18:52	1
Chlorodifluoromethane	**2.6**		1.8	0.42	ug/m3			03/17/25 18:52	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 18:52	1
Chloromethane	**1.5**		1.0	0.31	ug/m3			03/17/25 18:52	1
n-Butane	**3.7**		1.2	0.48	ug/m3			03/17/25 18:52	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 18:52	1
1,3-Butadiene	**0.12**	**J**	0.44	0.086	ug/m3			03/17/25 18:52	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 18:52	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 18:52	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 18:52	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			03/17/25 18:52	1
1,1,2-Trichlorotrifluoroethane	**0.48**	**J**	1.5	0.41	ug/m3			03/17/25 18:52	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 18:52	1
Acetone	**7.2**	**J**	12	3.8	ug/m3			03/17/25 18:52	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			03/17/25 18:52	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/17/25 18:52	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 18:52	1
Methylene Chloride	**0.88**	**J**	1.7	0.63	ug/m3			03/17/25 18:52	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 18:52	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 18:52	1
trans-1,2-Dichloroethene	**1.0**		0.79	0.091	ug/m3			03/17/25 18:52	1
n-Hexane	**0.58**	**J**	1.8	0.39	ug/m3			03/17/25 18:52	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 18:52	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/17/25 18:52	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 18:52	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/17/25 18:52	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 18:52	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 18:52	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			03/17/25 18:52	1
Carbon tetrachloride	**0.38**		0.22	0.14	ug/m3			03/17/25 18:52	1
2,2,4-Trimethylpentane	**0.44**	**J**	0.93	0.18	ug/m3			03/17/25 18:52	1
Benzene	**0.59**	**J**	0.64	0.14	ug/m3			03/17/25 18:52	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 18:52	1
n-Heptane	**0.49**	**J**	0.82	0.23	ug/m3			03/17/25 18:52	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 18:52	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 18:52	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 18:52	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/17/25 18:52	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 18:52	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 18:52	1

Client Sample ID: AA-01_20250312
Date Collected: 03/13/25 14:09
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-13
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 18:52	1
Toluene	**0.97**		0.75	0.23	ug/m3			03/17/25 18:52	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 18:52	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 18:52	1
Tetrachloroethene	**0.17**	**J**	1.4	0.14	ug/m3			03/17/25 18:52	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 18:52	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 18:52	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 18:52	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 18:52	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/17/25 18:52	1
m,p-Xylene	**0.49**	**J**	2.2	0.41	ug/m3			03/17/25 18:52	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			03/17/25 18:52	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 18:52	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 18:52	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 18:52	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 18:52	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 18:52	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 18:52	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 18:52	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 18:52	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 18:52	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/17/25 18:52	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 18:52	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 18:52	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 18:52	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 18:52	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 18:52	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 18:52	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 18:52	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 18:52	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 18:52	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 18:52	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.45**	**J**	0.50	0.11	ppb v/v			03/17/25 18:52	1
Chlorodifluoromethane	**0.74**		0.50	0.12	ppb v/v			03/17/25 18:52	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 18:52	1
Chloromethane	**0.72**		0.50	0.15	ppb v/v			03/17/25 18:52	1
n-Butane	**1.6**		0.50	0.20	ppb v/v			03/17/25 18:52	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 18:52	1
1,3-Butadiene	**0.053**	**J**	0.20	0.039	ppb v/v			03/17/25 18:52	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 18:52	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 18:52	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 18:52	1
Trichlorofluoromethane	**0.20**		0.20	0.050	ppb v/v			03/17/25 18:52	1
1,1,2-Trichlorotrifluoroethane	**0.063**	**J**	0.20	0.053	ppb v/v			03/17/25 18:52	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 18:52	1
Acetone	**3.0**	**J**	5.0	1.6	ppb v/v			03/17/25 18:52	1

Client Sample ID: AA-01_20250312
Date Collected: 03/13/25 14:09
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77312-13
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			03/17/25 18:52	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/17/25 18:52	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 18:52	1
Methylene Chloride	**0.25**	**J**	0.50	0.18	ppb v/v			03/17/25 18:52	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 18:52	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 18:52	1
trans-1,2-Dichloroethene	**0.26**		0.20	0.023	ppb v/v			03/17/25 18:52	1
n-Hexane	**0.17**	**J**	0.50	0.11	ppb v/v			03/17/25 18:52	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 18:52	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/17/25 18:52	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 18:52	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/17/25 18:52	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 18:52	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 18:52	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			03/17/25 18:52	1
Carbon tetrachloride	**0.061**		0.035	0.022	ppb v/v			03/17/25 18:52	1
2,2,4-Trimethylpentane	**0.095**	**J**	0.20	0.038	ppb v/v			03/17/25 18:52	1
Benzene	**0.18**	**J**	0.20	0.044	ppb v/v			03/17/25 18:52	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 18:52	1
n-Heptane	**0.12**	**J**	0.20	0.055	ppb v/v			03/17/25 18:52	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 18:52	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 18:52	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 18:52	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/17/25 18:52	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 18:52	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 18:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 18:52	1
Toluene	**0.26**		0.20	0.062	ppb v/v			03/17/25 18:52	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 18:52	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 18:52	1
Tetrachloroethene	**0.025**	**J**	0.20	0.021	ppb v/v			03/17/25 18:52	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 18:52	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 18:52	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 18:52	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 18:52	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/17/25 18:52	1
m,p-Xylene	**0.11**	**J**	0.50	0.095	ppb v/v			03/17/25 18:52	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			03/17/25 18:52	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 18:52	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 18:52	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 18:52	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 18:52	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 18:52	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 18:52	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 18:52	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 18:52	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 18:52	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/17/25 18:52	1

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: AA-01_20250312
Lab Sample ID: 200-77312-13
Date Collected: 03/13/25 14:09
Matrix: Air
Date Received: 03/14/25 10:35
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 18:52	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 18:52	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 18:52	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 18:52	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 18:52	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 18:52	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 18:52	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 18:52	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 18:52	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 18:52	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-214306/5
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			03/17/25 10:52	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			03/17/25 10:52	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 10:52	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			03/17/25 10:52	1
n-Butane	1.2	U	1.2	0.48	ug/m3			03/17/25 10:52	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 10:52	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/17/25 10:52	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 10:52	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 10:52	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 10:52	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			03/17/25 10:52	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			03/17/25 10:52	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 10:52	1
Acetone	12	U	12	3.8	ug/m3			03/17/25 10:52	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			03/17/25 10:52	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/17/25 10:52	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 10:52	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			03/17/25 10:52	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 10:52	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 10:52	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/17/25 10:52	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			03/17/25 10:52	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 10:52	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/17/25 10:52	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 10:52	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/17/25 10:52	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 10:52	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 10:52	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			03/17/25 10:52	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			03/17/25 10:52	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			03/17/25 10:52	1
Benzene	0.64	U	0.64	0.14	ug/m3			03/17/25 10:52	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 10:52	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			03/17/25 10:52	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 10:52	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 10:52	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 10:52	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/17/25 10:52	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 10:52	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 10:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 10:52	1
Toluene	0.75	U	0.75	0.23	ug/m3			03/17/25 10:52	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 10:52	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 10:52	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			03/17/25 10:52	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 10:52	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 10:52	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 10:52	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214306/5
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 10:52	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/17/25 10:52	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			03/17/25 10:52	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			03/17/25 10:52	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 10:52	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 10:52	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 10:52	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 10:52	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 10:52	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 10:52	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 10:52	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 10:52	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 10:52	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/17/25 10:52	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 10:52	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 10:52	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 10:52	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 10:52	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 10:52	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 10:52	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 10:52	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 10:52	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 10:52	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 10:52	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			03/17/25 10:52	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			03/17/25 10:52	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 10:52	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			03/17/25 10:52	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			03/17/25 10:52	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 10:52	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/17/25 10:52	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 10:52	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 10:52	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 10:52	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 10:52	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			03/17/25 10:52	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 10:52	1
Acetone	5.0	U	5.0	1.6	ppb v/v			03/17/25 10:52	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			03/17/25 10:52	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/17/25 10:52	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 10:52	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			03/17/25 10:52	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 10:52	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 10:52	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/17/25 10:52	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			03/17/25 10:52	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 10:52	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214306/5
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/17/25 10:52	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 10:52	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/17/25 10:52	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 10:52	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 10:52	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			03/17/25 10:52	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			03/17/25 10:52	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			03/17/25 10:52	1
Benzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 10:52	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 10:52	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			03/17/25 10:52	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 10:52	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 10:52	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 10:52	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/17/25 10:52	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 10:52	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 10:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 10:52	1
Toluene	0.20	U	0.20	0.062	ppb v/v			03/17/25 10:52	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 10:52	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 10:52	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			03/17/25 10:52	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 10:52	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 10:52	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 10:52	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 10:52	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/17/25 10:52	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			03/17/25 10:52	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			03/17/25 10:52	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 10:52	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 10:52	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 10:52	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 10:52	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 10:52	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 10:52	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 10:52	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 10:52	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 10:52	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/17/25 10:52	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 10:52	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 10:52	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 10:52	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 10:52	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 10:52	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 10:52	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 10:52	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 10:52	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 10:52	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214306/5
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 10:52	1

Lab Sample ID: LCS 200-214306/4
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	51.8		ug/m3		105	61 - 142
Chlorodifluoromethane	35.4	42.2		ug/m3		119	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	74.0		ug/m3		106	71 - 141
Chloromethane	20.6	25.4		ug/m3		123	56 - 141
n-Butane	23.8	25.0		ug/m3		105	53 - 151
Vinyl chloride	25.6	24.2		ug/m3		95	61 - 135
1,3-Butadiene	22.1	19.9		ug/m3		90	58 - 139
Bromomethane	38.8	39.2		ug/m3		101	72 - 124
Chloroethane	26.4	29.7		ug/m3		113	68 - 130
Bromoethene(Vinyl Bromide)	43.7	44.4		ug/m3		102	75 - 125
Trichlorofluoromethane	56.2	56.7		ug/m3		101	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	73.9		ug/m3		97	70 - 121
1,1-Dichloroethene	39.6	39.6		ug/m3		100	68 - 120
Acetone	23.7	27.5		ug/m3		116	54 - 154
Isopropyl alcohol	24.6	33.5		ug/m3		136	53 - 142
Carbon disulfide	31.1	32.0		ug/m3		103	71 - 138
3-Chloropropene	31.3	32.6		ug/m3		104	50 - 150
Methylene Chloride	34.7	39.7		ug/m3		114	59 - 137
tert-Butyl alcohol	30.3	34.0		ug/m3		112	66 - 132
Methyl tert-butyl ether	36.0	39.0		ug/m3		108	70 - 127
trans-1,2-Dichloroethene	39.6	44.3		ug/m3		112	69 - 137
n-Hexane	35.2	40.3		ug/m3		114	63 - 138
1,1-Dichloroethane	40.5	43.3		ug/m3		107	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	29.9		ug/m3		101	72 - 124
cis-1,2-Dichloroethene	39.6	39.0		ug/m3		98	72 - 121
Chloroform	48.8	49.3		ug/m3		101	73 - 124
Tetrahydrofuran	29.5	33.7		ug/m3		114	60 - 149
1,1,1-Trichloroethane	54.6	53.9		ug/m3		99	72 - 127
Cyclohexane	34.4	35.3		ug/m3		103	76 - 124
Carbon tetrachloride	62.9	61.2		ug/m3		97	71 - 133
2,2,4-Trimethylpentane	46.7	53.8		ug/m3		115	68 - 131
Benzene	31.9	33.0		ug/m3		103	73 - 119
1,2-Dichloroethane	40.5	41.4		ug/m3		102	68 - 135
n-Heptane	41.0	50.8		ug/m3		124	60 - 142
Trichloroethene	53.7	52.7		ug/m3		98	73 - 122
Methyl methacrylate	40.9	42.5		ug/m3		104	73 - 129
1,2-Dichloropropane	46.2	50.4		ug/m3		109	69 - 128
1,4-Dioxane	36.0	34.6		ug/m3		96	66 - 129
Bromodichloromethane	67.0	67.2		ug/m3		100	75 - 127
cis-1,3-Dichloropropene	45.4	48.7		ug/m3		107	74 - 125

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214306/4
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	49.1		ug/m3		120	58 - 144
Toluene	37.7	36.2		ug/m3		96	75 - 122
trans-1,3-Dichloropropene	45.4	52.4		ug/m3		116	74 - 128
1,1,2-Trichloroethane	54.6	52.4		ug/m3		96	75 - 126
Tetrachloroethene	67.8	59.6		ug/m3		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	45.3		ug/m3		111	57 - 143
Dibromochloromethane	85.2	69.9		ug/m3		82	73 - 125
1,2-Dibromoethane	76.8	69.8		ug/m3		91	78 - 122
Chlorobenzene	46.0	41.3		ug/m3		90	76 - 119
Ethylbenzene	43.4	41.8		ug/m3		96	74 - 122
m,p-Xylene	86.8	81.8		ug/m3		94	76 - 121
o-Xylene	43.4	42.1		ug/m3		97	73 - 123
Styrene	42.6	40.1		ug/m3		94	74 - 125
Bromoform	103	67.3		ug/m3		65	53 - 149
Cumene	49.1	47.8		ug/m3		97	73 - 123
1,1,2,2-Tetrachloroethane	68.6	65.4		ug/m3		95	74 - 126
n-Propylbenzene	49.1	48.3		ug/m3		98	73 - 127
4-Ethyltoluene	49.2	47.7		ug/m3		97	75 - 129
1,3,5-Trimethylbenzene	49.2	47.0		ug/m3		96	72 - 126
2-Chlorotoluene	51.8	48.4		ug/m3		93	74 - 126
tert-Butylbenzene	54.9	52.1		ug/m3		95	71 - 125
1,2,4-Trimethylbenzene	49.2	47.3		ug/m3		96	71 - 129
sec-Butylbenzene	54.9	53.0		ug/m3		97	70 - 128
4-Isopropyltoluene	54.9	51.4		ug/m3		94	68 - 130
1,3-Dichlorobenzene	60.1	51.3		ug/m3		85	69 - 131
1,4-Dichlorobenzene	60.1	50.8		ug/m3		85	67 - 132
Benzyl chloride	51.8	49.4		ug/m3		95	60 - 136
n-Butylbenzene	54.9	53.1		ug/m3		97	65 - 137
1,2-Dichlorobenzene	60.1	51.2		ug/m3		85	68 - 129
1,2,4-Trichlorobenzene	74.2	56.0		ug/m3		75	50 - 150
Hexachlorobutadiene	107	90.1		ug/m3		84	58 - 130
Naphthalene	52.4	38.0		ug/m3		73	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	10.5		ppb v/v		105	61 - 142
Chlorodifluoromethane	10	11.9		ppb v/v		119	60 - 147
1,2-Dichlorotetrafluoroethane	10	10.6		ppb v/v		106	71 - 141
Chloromethane	10	12.3		ppb v/v		123	56 - 141
n-Butane	10	10.5		ppb v/v		105	53 - 151
Vinyl chloride	10	9.48		ppb v/v		95	61 - 135
1,3-Butadiene	10	9.01		ppb v/v		90	58 - 139
Bromomethane	10	10.1		ppb v/v		101	72 - 124
Chloroethane	10	11.3		ppb v/v		113	68 - 130
Bromoethene(Vinyl Bromide)	10	10.2		ppb v/v		102	75 - 125
Trichlorofluoromethane	10	10.1		ppb v/v		101	70 - 129
1,1,2-Trichlorotrifluoroethane	10	9.65		ppb v/v		97	70 - 121
1,1-Dichloroethene	10	9.98		ppb v/v		100	68 - 120

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214306/4
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	10	11.6		ppb v/v		116	54 - 154
Isopropyl alcohol	10	13.6		ppb v/v		136	53 - 142
Carbon disulfide	10	10.3		ppb v/v		103	71 - 138
3-Chloropropene	10	10.4		ppb v/v		104	50 - 150
Methylene Chloride	10	11.4		ppb v/v		114	59 - 137
tert-Butyl alcohol	10	11.2		ppb v/v		112	66 - 132
Methyl tert-butyl ether	10	10.8		ppb v/v		108	70 - 127
trans-1,2-Dichloroethene	10	11.2		ppb v/v		112	69 - 137
n-Hexane	10	11.4		ppb v/v		114	63 - 138
1,1-Dichloroethane	10	10.7		ppb v/v		107	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	10.1		ppb v/v		101	72 - 124
cis-1,2-Dichloroethene	10	9.84		ppb v/v		98	72 - 121
Chloroform	10	10.1		ppb v/v		101	73 - 124
Tetrahydrofuran	10	11.4		ppb v/v		114	60 - 149
1,1,1-Trichloroethane	10	9.88		ppb v/v		99	72 - 127
Cyclohexane	10	10.3		ppb v/v		103	76 - 124
Carbon tetrachloride	10	9.73		ppb v/v		97	71 - 133
2,2,4-Trimethylpentane	10	11.5		ppb v/v		115	68 - 131
Benzene	10	10.3		ppb v/v		103	73 - 119
1,2-Dichloroethane	10	10.2		ppb v/v		102	68 - 135
n-Heptane	10	12.4		ppb v/v		124	60 - 142
Trichloroethene	10	9.80		ppb v/v		98	73 - 122
Methyl methacrylate	10	10.4		ppb v/v		104	73 - 129
1,2-Dichloropropane	10	10.9		ppb v/v		109	69 - 128
1,4-Dioxane	10	9.59		ppb v/v		96	66 - 129
Bromodichloromethane	10	10.0		ppb v/v		100	75 - 127
cis-1,3-Dichloropropene	10	10.7		ppb v/v		107	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	12.0		ppb v/v		120	58 - 144
Toluene	10	9.59		ppb v/v		96	75 - 122
trans-1,3-Dichloropropene	10	11.6		ppb v/v		116	74 - 128
1,1,2-Trichloroethane	10	9.61		ppb v/v		96	75 - 126
Tetrachloroethene	10	8.78		ppb v/v		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	11.1		ppb v/v		111	57 - 143
Dibromochloromethane	10	8.20		ppb v/v		82	73 - 125
1,2-Dibromoethane	10	9.08		ppb v/v		91	78 - 122
Chlorobenzene	10	8.98		ppb v/v		90	76 - 119
Ethylbenzene	10	9.62		ppb v/v		96	74 - 122
m,p-Xylene	20	18.8		ppb v/v		94	76 - 121
o-Xylene	10	9.68		ppb v/v		97	73 - 123
Styrene	10	9.40		ppb v/v		94	74 - 125
Bromoform	10	6.51		ppb v/v		65	53 - 149
Cumene	10	9.73		ppb v/v		97	73 - 123
1,1,2,2-Tetrachloroethane	10	9.52		ppb v/v		95	74 - 126
n-Propylbenzene	10	9.82		ppb v/v		98	73 - 127
4-Ethyltoluene	10	9.71		ppb v/v		97	75 - 129
1,3,5-Trimethylbenzene	10	9.55		ppb v/v		96	72 - 126

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214306/4
Matrix: Air
Analysis Batch: 214306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	10	9.35		ppb v/v		93	74 - 126
tert-Butylbenzene	10	9.48		ppb v/v		95	71 - 125
1,2,4-Trimethylbenzene	10	9.62		ppb v/v		96	71 - 129
sec-Butylbenzene	10	9.65		ppb v/v		97	70 - 128
4-Isopropyltoluene	10	9.36		ppb v/v		94	68 - 130
1,3-Dichlorobenzene	10	8.53		ppb v/v		85	69 - 131
1,4-Dichlorobenzene	10	8.46		ppb v/v		85	67 - 132
Benzyl chloride	10	9.55		ppb v/v		95	60 - 136
n-Butylbenzene	10	9.66		ppb v/v		97	65 - 137
1,2-Dichlorobenzene	10	8.51		ppb v/v		85	68 - 129
1,2,4-Trichlorobenzene	10	7.55		ppb v/v		75	50 - 150
Hexachlorobutadiene	10	8.45		ppb v/v		84	58 - 130
Naphthalene	10	7.25		ppb v/v		73	50 - 150

Lab Sample ID: MB 200-214307/5
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			03/17/25 10:57	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			03/17/25 10:57	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/17/25 10:57	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			03/17/25 10:57	1
n-Butane	1.2	U	1.2	0.48	ug/m3			03/17/25 10:57	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/17/25 10:57	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/17/25 10:57	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/17/25 10:57	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/17/25 10:57	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/17/25 10:57	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			03/17/25 10:57	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			03/17/25 10:57	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/17/25 10:57	1
Acetone	12	U	12	3.8	ug/m3			03/17/25 10:57	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			03/17/25 10:57	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/17/25 10:57	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/17/25 10:57	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			03/17/25 10:57	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/17/25 10:57	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/17/25 10:57	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/17/25 10:57	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			03/17/25 10:57	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/17/25 10:57	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/17/25 10:57	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/17/25 10:57	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/17/25 10:57	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/17/25 10:57	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/17/25 10:57	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			03/17/25 10:57	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			03/17/25 10:57	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214307/5
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			03/17/25 10:57	1
Benzene	0.64	U	0.64	0.14	ug/m3			03/17/25 10:57	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/17/25 10:57	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			03/17/25 10:57	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/17/25 10:57	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/17/25 10:57	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/17/25 10:57	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/17/25 10:57	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/17/25 10:57	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/17/25 10:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/17/25 10:57	1
Toluene	0.75	U	0.75	0.23	ug/m3			03/17/25 10:57	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/17/25 10:57	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/17/25 10:57	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			03/17/25 10:57	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/17/25 10:57	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/17/25 10:57	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/17/25 10:57	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/17/25 10:57	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/17/25 10:57	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			03/17/25 10:57	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			03/17/25 10:57	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/17/25 10:57	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/17/25 10:57	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/17/25 10:57	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/17/25 10:57	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 10:57	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/17/25 10:57	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/17/25 10:57	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/17/25 10:57	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/17/25 10:57	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/17/25 10:57	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/17/25 10:57	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/17/25 10:57	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/17/25 10:57	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/17/25 10:57	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/17/25 10:57	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/17/25 10:57	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/17/25 10:57	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/17/25 10:57	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/17/25 10:57	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/17/25 10:57	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			03/17/25 10:57	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			03/17/25 10:57	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/17/25 10:57	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			03/17/25 10:57	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214307/5
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	0.50	U	0.50	0.20	ppb v/v			03/17/25 10:57	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/17/25 10:57	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/17/25 10:57	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/17/25 10:57	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/17/25 10:57	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/17/25 10:57	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 10:57	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			03/17/25 10:57	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/17/25 10:57	1
Acetone	5.0	U	5.0	1.6	ppb v/v			03/17/25 10:57	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			03/17/25 10:57	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/17/25 10:57	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/17/25 10:57	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			03/17/25 10:57	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/17/25 10:57	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/17/25 10:57	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/17/25 10:57	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			03/17/25 10:57	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/17/25 10:57	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/17/25 10:57	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/17/25 10:57	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/17/25 10:57	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/17/25 10:57	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/17/25 10:57	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			03/17/25 10:57	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			03/17/25 10:57	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			03/17/25 10:57	1
Benzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 10:57	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/17/25 10:57	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			03/17/25 10:57	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/17/25 10:57	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/17/25 10:57	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/17/25 10:57	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/17/25 10:57	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/17/25 10:57	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/17/25 10:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/17/25 10:57	1
Toluene	0.20	U	0.20	0.062	ppb v/v			03/17/25 10:57	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/17/25 10:57	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/17/25 10:57	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			03/17/25 10:57	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/17/25 10:57	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/17/25 10:57	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/17/25 10:57	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/17/25 10:57	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/17/25 10:57	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			03/17/25 10:57	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			03/17/25 10:57	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214307/5
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.20	U	0.20	0.059	ppb v/v			03/17/25 10:57	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/17/25 10:57	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/17/25 10:57	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/17/25 10:57	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 10:57	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/17/25 10:57	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 10:57	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/17/25 10:57	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/17/25 10:57	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/17/25 10:57	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/17/25 10:57	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/17/25 10:57	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/17/25 10:57	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/17/25 10:57	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/17/25 10:57	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/17/25 10:57	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/17/25 10:57	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/17/25 10:57	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/17/25 10:57	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/17/25 10:57	1

Lab Sample ID: LCS 200-214307/3
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	44.5		ug/m3		90	61 - 142
Chlorodifluoromethane	35.4	32.9		ug/m3		93	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	64.5		ug/m3		92	71 - 141
Chloromethane	20.6	19.7		ug/m3		96	56 - 141
n-Butane	23.8	24.0		ug/m3		101	53 - 151
Vinyl chloride	25.6	24.0		ug/m3		94	61 - 135
1,3-Butadiene	22.1	20.4		ug/m3		92	58 - 139
Bromomethane	38.8	35.7		ug/m3		92	72 - 124
Chloroethane	26.4	24.8		ug/m3		94	68 - 130
Bromoethene(Vinyl Bromide)	43.7	40.2		ug/m3		92	75 - 125
Trichlorofluoromethane	56.2	50.6		ug/m3		90	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	70.6		ug/m3		92	70 - 121
1,1-Dichloroethene	39.6	35.6		ug/m3		90	68 - 120
Acetone	23.7	24.2		ug/m3		102	54 - 154
Isopropyl alcohol	24.6	29.3		ug/m3		119	53 - 142
Carbon disulfide	31.1	29.5		ug/m3		95	71 - 138
3-Chloropropene	31.3	31.5		ug/m3		101	50 - 150
Methylene Chloride	34.7	33.6		ug/m3		97	59 - 137
tert-Butyl alcohol	30.3	30.3		ug/m3		100	66 - 132
Methyl tert-butyl ether	36.0	34.2		ug/m3		95	70 - 127
trans-1,2-Dichloroethene	39.6	38.0		ug/m3		96	69 - 137
n-Hexane	35.2	34.6		ug/m3		98	63 - 138
1,1-Dichloroethane	40.5	38.5		ug/m3		95	66 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214307/3
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl Ethyl Ketone (2-Butanone)	29.5	28.6		ug/m3		97	72 - 124
cis-1,2-Dichloroethene	39.6	36.6		ug/m3		92	72 - 121
Chloroform	48.8	45.3		ug/m3		93	73 - 124
Tetrahydrofuran	29.5	31.0		ug/m3		105	60 - 149
1,1,1-Trichloroethane	54.6	50.0		ug/m3		92	72 - 127
Cyclohexane	34.4	33.4		ug/m3		97	76 - 124
Carbon tetrachloride	62.9	58.1		ug/m3		92	71 - 133
2,2,4-Trimethylpentane	46.7	46.6		ug/m3		100	68 - 131
Benzene	31.9	30.5		ug/m3		96	73 - 119
1,2-Dichloroethane	40.5	38.6		ug/m3		95	68 - 135
n-Heptane	41.0	41.4		ug/m3		101	60 - 142
Trichloroethene	53.7	51.1		ug/m3		95	73 - 122
Methyl methacrylate	40.9	40.7		ug/m3		99	73 - 129
1,2-Dichloropropane	46.2	46.1		ug/m3		100	69 - 128
1,4-Dioxane	36.0	34.7		ug/m3		96	66 - 129
Bromodichloromethane	67.0	64.2		ug/m3		96	75 - 127
cis-1,3-Dichloropropene	45.4	45.0		ug/m3		99	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	42.4		ug/m3		104	58 - 144
Toluene	37.7	35.5		ug/m3		94	75 - 122
trans-1,3-Dichloropropene	45.4	44.6		ug/m3		98	74 - 128
1,1,2-Trichloroethane	54.6	51.9		ug/m3		95	75 - 126
Tetrachloroethene	67.8	59.8		ug/m3		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	42.6		ug/m3		104	57 - 143
Dibromochloromethane	85.2	80.2		ug/m3		94	73 - 125
1,2-Dibromoethane	76.8	72.4		ug/m3		94	78 - 122
Chlorobenzene	46.0	42.2		ug/m3		92	76 - 119
Ethylbenzene	43.4	40.8		ug/m3		94	74 - 122
m,p-Xylene	86.8	80.6		ug/m3		93	76 - 121
o-Xylene	43.4	40.4		ug/m3		93	73 - 123
Styrene	42.6	41.0		ug/m3		96	74 - 125
Bromoform	103	99.9		ug/m3		97	53 - 149
Cumene	49.1	46.0		ug/m3		94	73 - 123
1,1,2,2-Tetrachloroethane	68.6	65.6		ug/m3		96	74 - 126
n-Propylbenzene	49.1	46.9		ug/m3		95	73 - 127
4-Ethyltoluene	49.2	46.6		ug/m3		95	75 - 129
1,3,5-Trimethylbenzene	49.2	45.6		ug/m3		93	72 - 126
2-Chlorotoluene	51.8	48.6		ug/m3		94	74 - 126
tert-Butylbenzene	54.9	50.4		ug/m3		92	71 - 125
1,2,4-Trimethylbenzene	49.2	46.3		ug/m3		94	71 - 129
sec-Butylbenzene	54.9	52.3		ug/m3		95	70 - 128
4-Isopropyltoluene	54.9	51.7		ug/m3		94	68 - 130
1,3-Dichlorobenzene	60.1	55.6		ug/m3		93	69 - 131
1,4-Dichlorobenzene	60.1	55.7		ug/m3		93	67 - 132
Benzyl chloride	51.8	51.4		ug/m3		99	60 - 136
n-Butylbenzene	54.9	53.9		ug/m3		98	65 - 137
1,2-Dichlorobenzene	60.1	55.3		ug/m3		92	68 - 129

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214307/3
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	74.2	83.9		ug/m3		113	50 - 150
Hexachlorobutadiene	107	105		ug/m3		99	58 - 130
Naphthalene	52.4	67.0		ug/m3		128	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	9.01		ppb v/v		90	61 - 142
Chlorodifluoromethane	10	9.30		ppb v/v		93	60 - 147
1,2-Dichlorotetrafluoroethane	10	9.23		ppb v/v		92	71 - 141
Chloromethane	10	9.56		ppb v/v		96	56 - 141
n-Butane	10	10.1		ppb v/v		101	53 - 151
Vinyl chloride	10	9.39		ppb v/v		94	61 - 135
1,3-Butadiene	10	9.20		ppb v/v		92	58 - 139
Bromomethane	10	9.20		ppb v/v		92	72 - 124
Chloroethane	10	9.39		ppb v/v		94	68 - 130
Bromoethene(Vinyl Bromide)	10	9.19		ppb v/v		92	75 - 125
Trichlorofluoromethane	10	9.00		ppb v/v		90	70 - 129
1,1,2-Trichlorotrifluoroethane	10	9.21		ppb v/v		92	70 - 121
1,1-Dichloroethene	10	8.98		ppb v/v		90	68 - 120
Acetone	10	10.2		ppb v/v		102	54 - 154
Isopropyl alcohol	10	11.9		ppb v/v		119	53 - 142
Carbon disulfide	10	9.49		ppb v/v		95	71 - 138
3-Chloropropene	10	10.1		ppb v/v		101	50 - 150
Methylene Chloride	10	9.66		ppb v/v		97	59 - 137
tert-Butyl alcohol	10	9.99		ppb v/v		100	66 - 132
Methyl tert-butyl ether	10	9.50		ppb v/v		95	70 - 127
trans-1,2-Dichloroethene	10	9.58		ppb v/v		96	69 - 137
n-Hexane	10	9.82		ppb v/v		98	63 - 138
1,1-Dichloroethane	10	9.51		ppb v/v		95	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	9.71		ppb v/v		97	72 - 124
cis-1,2-Dichloroethene	10	9.24		ppb v/v		92	72 - 121
Chloroform	10	9.29		ppb v/v		93	73 - 124
Tetrahydrofuran	10	10.5		ppb v/v		105	60 - 149
1,1,1-Trichloroethane	10	9.16		ppb v/v		92	72 - 127
Cyclohexane	10	9.69		ppb v/v		97	76 - 124
Carbon tetrachloride	10	9.24		ppb v/v		92	71 - 133
2,2,4-Trimethylpentane	10	9.97		ppb v/v		100	68 - 131
Benzene	10	9.56		ppb v/v		96	73 - 119
1,2-Dichloroethane	10	9.53		ppb v/v		95	68 - 135
n-Heptane	10	10.1		ppb v/v		101	60 - 142
Trichloroethene	10	9.50		ppb v/v		95	73 - 122
Methyl methacrylate	10	9.95		ppb v/v		99	73 - 129
1,2-Dichloropropane	10	9.97		ppb v/v		100	69 - 128
1,4-Dioxane	10	9.62		ppb v/v		96	66 - 129
Bromodichloromethane	10	9.58		ppb v/v		96	75 - 127
cis-1,3-Dichloropropene	10	9.92		ppb v/v		99	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	10.3		ppb v/v		104	58 - 144
Toluene	10	9.42		ppb v/v		94	75 - 122

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214307/3
Matrix: Air
Analysis Batch: 214307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	10	9.83		ppb v/v		98	74 - 128
1,1,2-Trichloroethane	10	9.51		ppb v/v		95	75 - 126
Tetrachloroethene	10	8.82		ppb v/v		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.4		ppb v/v		104	57 - 143
Dibromochloromethane	10	9.42		ppb v/v		94	73 - 125
1,2-Dibromoethane	10	9.42		ppb v/v		94	78 - 122
Chlorobenzene	10	9.16		ppb v/v		92	76 - 119
Ethylbenzene	10	9.39		ppb v/v		94	74 - 122
m,p-Xylene	20	18.6		ppb v/v		93	76 - 121
o-Xylene	10	9.31		ppb v/v		93	73 - 123
Styrene	10	9.62		ppb v/v		96	74 - 125
Bromoform	10	9.66		ppb v/v		97	53 - 149
Cumene	10	9.37		ppb v/v		94	73 - 123
1,1,2,2-Tetrachloroethane	10	9.56		ppb v/v		96	74 - 126
n-Propylbenzene	10	9.55		ppb v/v		95	73 - 127
4-Ethyltoluene	10	9.49		ppb v/v		95	75 - 129
1,3,5-Trimethylbenzene	10	9.28		ppb v/v		93	72 - 126
2-Chlorotoluene	10	9.38		ppb v/v		94	74 - 126
tert-Butylbenzene	10	9.18		ppb v/v		92	71 - 125
1,2,4-Trimethylbenzene	10	9.43		ppb v/v		94	71 - 129
sec-Butylbenzene	10	9.53		ppb v/v		95	70 - 128
4-Isopropyltoluene	10	9.41		ppb v/v		94	68 - 130
1,3-Dichlorobenzene	10	9.25		ppb v/v		93	69 - 131
1,4-Dichlorobenzene	10	9.26		ppb v/v		93	67 - 132
Benzyl chloride	10	9.92		ppb v/v		99	60 - 136
n-Butylbenzene	10	9.82		ppb v/v		98	65 - 137
1,2-Dichlorobenzene	10	9.20		ppb v/v		92	68 - 129
1,2,4-Trichlorobenzene	10	11.3		ppb v/v		113	50 - 150
Hexachlorobutadiene	10	9.85		ppb v/v		99	58 - 130
Naphthalene	10	12.8		ppb v/v		128	50 - 150

Lab Sample ID: MB 200-214344/4
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			03/18/25 09:54	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			03/18/25 09:54	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/18/25 09:54	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			03/18/25 09:54	1
n-Butane	1.2	U	1.2	0.48	ug/m3			03/18/25 09:54	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/18/25 09:54	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/18/25 09:54	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/18/25 09:54	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/18/25 09:54	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/18/25 09:54	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			03/18/25 09:54	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			03/18/25 09:54	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214344/4
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/18/25 09:54	1
Acetone	12	U	12	3.8	ug/m3			03/18/25 09:54	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			03/18/25 09:54	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/18/25 09:54	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/18/25 09:54	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			03/18/25 09:54	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/18/25 09:54	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/18/25 09:54	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/18/25 09:54	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			03/18/25 09:54	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/18/25 09:54	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/18/25 09:54	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/18/25 09:54	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/18/25 09:54	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/18/25 09:54	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/18/25 09:54	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			03/18/25 09:54	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			03/18/25 09:54	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			03/18/25 09:54	1
Benzene	0.64	U	0.64	0.14	ug/m3			03/18/25 09:54	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/18/25 09:54	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			03/18/25 09:54	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/18/25 09:54	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/18/25 09:54	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/18/25 09:54	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/18/25 09:54	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/18/25 09:54	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/18/25 09:54	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/18/25 09:54	1
Toluene	0.75	U	0.75	0.23	ug/m3			03/18/25 09:54	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/18/25 09:54	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/18/25 09:54	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			03/18/25 09:54	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/18/25 09:54	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/18/25 09:54	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/18/25 09:54	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/18/25 09:54	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/18/25 09:54	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			03/18/25 09:54	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			03/18/25 09:54	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/18/25 09:54	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/18/25 09:54	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/18/25 09:54	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/18/25 09:54	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 09:54	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/18/25 09:54	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/18/25 09:54	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/18/25 09:54	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214344/4
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/18/25 09:54	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/18/25 09:54	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/18/25 09:54	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/18/25 09:54	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/18/25 09:54	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/18/25 09:54	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/18/25 09:54	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/18/25 09:54	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/18/25 09:54	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/18/25 09:54	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/18/25 09:54	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/18/25 09:54	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			03/18/25 09:54	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			03/18/25 09:54	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/18/25 09:54	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			03/18/25 09:54	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			03/18/25 09:54	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/18/25 09:54	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/18/25 09:54	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/18/25 09:54	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/18/25 09:54	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/18/25 09:54	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 09:54	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			03/18/25 09:54	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/18/25 09:54	1
Acetone	5.0	U	5.0	1.6	ppb v/v			03/18/25 09:54	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			03/18/25 09:54	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/18/25 09:54	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/18/25 09:54	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			03/18/25 09:54	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/18/25 09:54	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/18/25 09:54	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/18/25 09:54	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			03/18/25 09:54	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/18/25 09:54	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/18/25 09:54	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/18/25 09:54	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/18/25 09:54	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/18/25 09:54	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/18/25 09:54	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			03/18/25 09:54	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			03/18/25 09:54	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			03/18/25 09:54	1
Benzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 09:54	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/18/25 09:54	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			03/18/25 09:54	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/18/25 09:54	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214344/4
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/18/25 09:54	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/18/25 09:54	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/18/25 09:54	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/18/25 09:54	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/18/25 09:54	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/18/25 09:54	1
Toluene	0.20	U	0.20	0.062	ppb v/v			03/18/25 09:54	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/18/25 09:54	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/18/25 09:54	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			03/18/25 09:54	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/18/25 09:54	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/18/25 09:54	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/18/25 09:54	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/18/25 09:54	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/18/25 09:54	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			03/18/25 09:54	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			03/18/25 09:54	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/18/25 09:54	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/18/25 09:54	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/18/25 09:54	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/18/25 09:54	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 09:54	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/18/25 09:54	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 09:54	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/18/25 09:54	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/18/25 09:54	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/18/25 09:54	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/18/25 09:54	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/18/25 09:54	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/18/25 09:54	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/18/25 09:54	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/18/25 09:54	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/18/25 09:54	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/18/25 09:54	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/18/25 09:54	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/18/25 09:54	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/18/25 09:54	1

Lab Sample ID: LCS 200-214344/3
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	42.4		ug/m3		86	61 - 142
Chlorodifluoromethane	35.4	33.9		ug/m3		96	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	60.8		ug/m3		87	71 - 141
Chloromethane	20.6	18.2		ug/m3		88	56 - 141
n-Butane	23.8	21.8		ug/m3		92	53 - 151

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214344/3
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl chloride	25.6	22.1		ug/m3		86	61 - 135
1,3-Butadiene	22.1	18.3		ug/m3		83	58 - 139
Bromomethane	38.8	33.2		ug/m3		85	72 - 124
Chloroethane	26.4	22.9		ug/m3		87	68 - 130
Bromoethene(Vinyl Bromide)	43.7	38.5		ug/m3		88	75 - 125
Trichlorofluoromethane	56.2	47.7		ug/m3		85	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	63.6		ug/m3		83	70 - 121
1,1-Dichloroethene	39.6	32.4		ug/m3		82	68 - 120
Acetone	23.7	22.0		ug/m3		92	54 - 154
Isopropyl alcohol	24.6	24.9		ug/m3		101	53 - 142
Carbon disulfide	31.1	26.5		ug/m3		85	71 - 138
3-Chloropropene	31.3	24.9		ug/m3		79	50 - 150
Methylene Chloride	34.7	30.4		ug/m3		88	59 - 137
tert-Butyl alcohol	30.3	27.4		ug/m3		91	66 - 132
Methyl tert-butyl ether	36.0	31.7		ug/m3		88	70 - 127
trans-1,2-Dichloroethene	39.6	35.7		ug/m3		90	69 - 137
n-Hexane	35.2	31.5		ug/m3		89	63 - 138
1,1-Dichloroethane	40.5	34.4		ug/m3		85	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	25.9		ug/m3		88	72 - 124
cis-1,2-Dichloroethene	39.6	32.3		ug/m3		81	72 - 121
Chloroform	48.8	41.9		ug/m3		86	73 - 124
Tetrahydrofuran	29.5	27.1		ug/m3		92	60 - 149
1,1,1-Trichloroethane	54.6	46.7		ug/m3		86	72 - 127
Cyclohexane	34.4	30.3		ug/m3		88	76 - 124
Carbon tetrachloride	62.9	54.2		ug/m3		86	71 - 133
2,2,4-Trimethylpentane	46.7	42.5		ug/m3		91	68 - 131
Benzene	31.9	28.3		ug/m3		89	73 - 119
1,2-Dichloroethane	40.5	35.5		ug/m3		88	68 - 135
n-Heptane	41.0	37.9		ug/m3		92	60 - 142
Trichloroethene	53.7	47.6		ug/m3		89	73 - 122
Methyl methacrylate	40.9	37.0		ug/m3		90	73 - 129
1,2-Dichloropropane	46.2	42.5		ug/m3		92	69 - 128
1,4-Dioxane	36.0	31.5		ug/m3		87	66 - 129
Bromodichloromethane	67.0	58.7		ug/m3		88	75 - 127
cis-1,3-Dichloropropene	45.4	40.8		ug/m3		90	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	39.0		ug/m3		95	58 - 144
Toluene	37.7	32.3		ug/m3		86	75 - 122
trans-1,3-Dichloropropene	45.4	43.9		ug/m3		97	74 - 128
1,1,2-Trichloroethane	54.6	47.6		ug/m3		87	75 - 126
Tetrachloroethene	67.8	55.0		ug/m3		81	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	38.3		ug/m3		94	57 - 143
Dibromochloromethane	85.2	66.0		ug/m3		78	73 - 125
1,2-Dibromoethane	76.8	65.8		ug/m3		86	78 - 122
Chlorobenzene	46.0	38.5		ug/m3		84	76 - 119
Ethylbenzene	43.4	36.9		ug/m3		85	74 - 122
m,p-Xylene	86.8	73.0		ug/m3		84	76 - 121

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214344/3
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	43.4	37.3		ug/m3		86	73 - 123
Styrene	42.6	36.9		ug/m3		87	74 - 125
Bromoform	103	65.9		ug/m3		64	53 - 149
Cumene	49.1	41.7		ug/m3		85	73 - 123
1,1,2,2-Tetrachloroethane	68.6	59.0		ug/m3		86	74 - 126
n-Propylbenzene	49.1	42.4		ug/m3		86	73 - 127
4-Ethyltoluene	49.2	42.6		ug/m3		87	75 - 129
1,3,5-Trimethylbenzene	49.2	41.8		ug/m3		85	72 - 126
2-Chlorotoluene	51.8	44.0		ug/m3		85	74 - 126
tert-Butylbenzene	54.9	45.8		ug/m3		83	71 - 125
1,2,4-Trimethylbenzene	49.2	41.8		ug/m3		85	71 - 129
sec-Butylbenzene	54.9	47.4		ug/m3		86	70 - 128
4-Isopropyltoluene	54.9	46.1		ug/m3		84	68 - 130
1,3-Dichlorobenzene	60.1	49.9		ug/m3		83	69 - 131
1,4-Dichlorobenzene	60.1	50.5		ug/m3		84	67 - 132
Benzyl chloride	51.8	43.3		ug/m3		84	60 - 136
n-Butylbenzene	54.9	47.8		ug/m3		87	65 - 137
1,2-Dichlorobenzene	60.1	49.6		ug/m3		82	68 - 129
1,2,4-Trichlorobenzene	74.2	71.6		ug/m3		97	50 - 150
Hexachlorobutadiene	107	93.0		ug/m3		87	58 - 130
Naphthalene	52.4	51.5		ug/m3		98	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	8.58		ppb v/v		86	61 - 142
Chlorodifluoromethane	10	9.57		ppb v/v		96	60 - 147
1,2-Dichlorotetrafluoroethane	10	8.70		ppb v/v		87	71 - 141
Chloromethane	10	8.82		ppb v/v		88	56 - 141
n-Butane	10	9.15		ppb v/v		92	53 - 151
Vinyl chloride	10	8.63		ppb v/v		86	61 - 135
1,3-Butadiene	10	8.28		ppb v/v		83	58 - 139
Bromomethane	10	8.55		ppb v/v		85	72 - 124
Chloroethane	10	8.68		ppb v/v		87	68 - 130
Bromoethene(Vinyl Bromide)	10	8.79		ppb v/v		88	75 - 125
Trichlorofluoromethane	10	8.49		ppb v/v		85	70 - 129
1,1,2-Trichlorotrifluoroethane	10	8.29		ppb v/v		83	70 - 121
1,1-Dichloroethene	10	8.17		ppb v/v		82	68 - 120
Acetone	10	9.24		ppb v/v		92	54 - 154
Isopropyl alcohol	10	10.1		ppb v/v		101	53 - 142
Carbon disulfide	10	8.50		ppb v/v		85	71 - 138
3-Chloropropene	10	7.94		ppb v/v		79	50 - 150
Methylene Chloride	10	8.75		ppb v/v		88	59 - 137
tert-Butyl alcohol	10	9.05		ppb v/v		91	66 - 132
Methyl tert-butyl ether	10	8.79		ppb v/v		88	70 - 127
trans-1,2-Dichloroethene	10	8.99		ppb v/v		90	69 - 137
n-Hexane	10	8.94		ppb v/v		89	63 - 138
1,1-Dichloroethane	10	8.49		ppb v/v		85	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	8.79		ppb v/v		88	72 - 124
cis-1,2-Dichloroethene	10	8.14		ppb v/v		81	72 - 121

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214344/3
Matrix: Air
Analysis Batch: 214344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	10	8.57		ppb v/v		86	73 - 124
Tetrahydrofuran	10	9.20		ppb v/v		92	60 - 149
1,1,1-Trichloroethane	10	8.56		ppb v/v		86	72 - 127
Cyclohexane	10	8.79		ppb v/v		88	76 - 124
Carbon tetrachloride	10	8.62		ppb v/v		86	71 - 133
2,2,4-Trimethylpentane	10	9.10		ppb v/v		91	68 - 131
Benzene	10	8.87		ppb v/v		89	73 - 119
1,2-Dichloroethane	10	8.77		ppb v/v		88	68 - 135
n-Heptane	10	9.25		ppb v/v		92	60 - 142
Trichloroethene	10	8.86		ppb v/v		89	73 - 122
Methyl methacrylate	10	9.03		ppb v/v		90	73 - 129
1,2-Dichloropropane	10	9.19		ppb v/v		92	69 - 128
1,4-Dioxane	10	8.74		ppb v/v		87	66 - 129
Bromodichloromethane	10	8.76		ppb v/v		88	75 - 127
cis-1,3-Dichloropropene	10	8.98		ppb v/v		90	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	9.51		ppb v/v		95	58 - 144
Toluene	10	8.58		ppb v/v		86	75 - 122
trans-1,3-Dichloropropene	10	9.66		ppb v/v		97	74 - 128
1,1,2-Trichloroethane	10	8.72		ppb v/v		87	75 - 126
Tetrachloroethene	10	8.12		ppb v/v		81	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	9.35		ppb v/v		94	57 - 143
Dibromochloromethane	10	7.75		ppb v/v		78	73 - 125
1,2-Dibromoethane	10	8.56		ppb v/v		86	78 - 122
Chlorobenzene	10	8.36		ppb v/v		84	76 - 119
Ethylbenzene	10	8.49		ppb v/v		85	74 - 122
m,p-Xylene	20	16.8		ppb v/v		84	76 - 121
o-Xylene	10	8.59		ppb v/v		86	73 - 123
Styrene	10	8.67		ppb v/v		87	74 - 125
Bromoform	10	6.37		ppb v/v		64	53 - 149
Cumene	10	8.49		ppb v/v		85	73 - 123
1,1,2,2-Tetrachloroethane	10	8.59		ppb v/v		86	74 - 126
n-Propylbenzene	10	8.63		ppb v/v		86	73 - 127
4-Ethyltoluene	10	8.67		ppb v/v		87	75 - 129
1,3,5-Trimethylbenzene	10	8.50		ppb v/v		85	72 - 126
2-Chlorotoluene	10	8.50		ppb v/v		85	74 - 126
tert-Butylbenzene	10	8.34		ppb v/v		83	71 - 125
1,2,4-Trimethylbenzene	10	8.50		ppb v/v		85	71 - 129
sec-Butylbenzene	10	8.63		ppb v/v		86	70 - 128
4-Isopropyltoluene	10	8.39		ppb v/v		84	68 - 130
1,3-Dichlorobenzene	10	8.30		ppb v/v		83	69 - 131
1,4-Dichlorobenzene	10	8.40		ppb v/v		84	67 - 132
Benzyl chloride	10	8.37		ppb v/v		84	60 - 136
n-Butylbenzene	10	8.70		ppb v/v		87	65 - 137
1,2-Dichlorobenzene	10	8.24		ppb v/v		82	68 - 129
1,2,4-Trichlorobenzene	10	9.65		ppb v/v		97	50 - 150
Hexachlorobutadiene	10	8.72		ppb v/v		87	58 - 130
Naphthalene	10	9.83		ppb v/v		98	50 - 150

Air - GC/MS VOA

Analysis Batch: 214306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-77312-7	IA-01_20250312	Total/NA	Air	TO-15	
200-77312-8	IA-02_20250312	Total/NA	Air	TO-15	
200-77312-9	IA-03_20250312	Total/NA	Air	TO-15	
200-77312-10	IA-04_20250312	Total/NA	Air	TO-15	
200-77312-11	IA-05_20250312	Total/NA	Air	TO-15	
200-77312-12	IA-06_20250312	Total/NA	Air	TO-15	
200-77312-13	AA-01_20250312	Total/NA	Air	TO-15	
MB 200-214306/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-214306/4	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 214307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-77312-1	MP-1_20250312	Total/NA	Air	TO-15	
200-77312-2	MP-2_20250312	Total/NA	Air	TO-15	
200-77312-3	MP-3_20250312	Total/NA	Air	TO-15	
200-77312-4	MP-4_20250312	Total/NA	Air	TO-15	
200-77312-5	MP-5_20250312	Total/NA	Air	TO-15	
MB 200-214307/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-214307/3	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 214344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-77312-2 - DL	MP-2_20250312	Total/NA	Air	TO-15	
200-77312-6	MP-6_20250312	Total/NA	Air	TO-15	
MB 200-214344/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-214344/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: MP-1_20250312
Lab Sample ID: 200-77312-1
Date Collected: 03/13/25 14:50
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214307	A1B	EET BUR	03/18/25 00:42

Client Sample ID: MP-2_20250312
Lab Sample ID: 200-77312-2
Date Collected: 03/13/25 13:28
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214307	A1B	EET BUR	03/18/25 01:37
Total/NA	Analysis	TO-15	DL	11.8	214344	A1B	EET BUR	03/18/25 12:36

Client Sample ID: MP-3_20250312
Lab Sample ID: 200-77312-3
Date Collected: 03/13/25 14:51
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214307	A1B	EET BUR	03/18/25 03:32

Client Sample ID: MP-4_20250312
Lab Sample ID: 200-77312-4
Date Collected: 03/13/25 12:09
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214307	A1B	EET BUR	03/18/25 04:32

Client Sample ID: MP-5_20250312
Lab Sample ID: 200-77312-5
Date Collected: 03/13/25 12:06
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214307	A1B	EET BUR	03/18/25 05:37

Client Sample ID: MP-6_20250312
Lab Sample ID: 200-77312-6
Date Collected: 03/13/25 15:30
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214344	A1B	EET BUR	03/18/25 11:44

Client Sample ID: IA-01_20250312
Lab Sample ID: 200-77312-7
Date Collected: 03/13/25 14:49
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214306	K1P	EET BUR	03/17/25 13:40

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Client Sample ID: IA-02_20250312
Lab Sample ID: 200-77312-8
Date Collected: 03/13/25 13:28
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214306	K1P	EET BUR	03/17/25 14:31

Client Sample ID: IA-03_20250312
Lab Sample ID: 200-77312-9
Date Collected: 03/13/25 14:51
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214306	K1P	EET BUR	03/17/25 15:22

Client Sample ID: IA-04_20250312
Lab Sample ID: 200-77312-10
Date Collected: 03/13/25 12:09
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214306	K1P	EET BUR	03/17/25 16:13

Client Sample ID: IA-05_20250312
Lab Sample ID: 200-77312-11
Date Collected: 03/13/25 12:06
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214306	K1P	EET BUR	03/17/25 17:06

Client Sample ID: IA-06_20250312
Lab Sample ID: 200-77312-12
Date Collected: 03/13/25 15:30
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214306	K1P	EET BUR	03/17/25 17:57

Client Sample ID: AA-01_20250312
Lab Sample ID: 200-77312-13
Date Collected: 03/13/25 14:09
Matrix: Air
Date Received: 03/14/25 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214306	K1P	EET BUR	03/17/25 18:52

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	VT972	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene

New York	NELAP	10391	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: 1885 Atlantic Avenue

Job ID: 200-77312-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-77312-1	MP-1_20250312	Air	03/13/25 14:50	03/14/25 10:35	Air Canister (6-Liter) #2911
200-77312-2	MP-2_20250312	Air	03/13/25 13:28	03/14/25 10:35	Air Canister (6-Liter) #4432
200-77312-3	MP-3_20250312	Air	03/13/25 14:51	03/14/25 10:35	Air Canister (6-Liter) #3086
200-77312-4	MP-4_20250312	Air	03/13/25 12:09	03/14/25 10:35	Air Canister (6-Liter) #4819
200-77312-5	MP-5_20250312	Air	03/13/25 12:06	03/14/25 10:35	Air Canister (6-Liter) #2511
200-77312-6	MP-6_20250312	Air	03/13/25 15:30	03/14/25 10:35	Air Canister (6-Liter) #34000083
200-77312-7	IA-01_20250312	Air	03/13/25 14:49	03/14/25 10:35	Air Canister (6-Liter) #2819
200-77312-8	IA-02_20250312	Air	03/13/25 13:28	03/14/25 10:35	Air Canister (6-Liter) #5152
200-77312-9	IA-03_20250312	Air	03/13/25 14:51	03/14/25 10:35	Air Canister (6-Liter) #5628
200-77312-10	IA-04_20250312	Air	03/13/25 12:09	03/14/25 10:35	Air Canister (6-Liter) #3205
200-77312-11	IA-05_20250312	Air	03/13/25 12:06	03/14/25 10:35	Air Canister (6-Liter) #27027
200-77312-12	IA-06_20250312	Air	03/13/25 15:30	03/14/25 10:35	Air Canister (6-Liter) #34000189
200-77312-13	AA-01_20250312	Air	03/13/25 14:09	03/14/25 10:35	Air Canister (6-Liter) #34000461

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Analyst	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID
200-77312	SML III	3/14/2025	13:25	29.8	22	G40

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	X		
(2) Is the flow controller ID used for each canister recorded?	X		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		X	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		X	
If damage observed, list equipment IDs and describe condition:			

Laboratory	Canister ID	Pressure Hg" [1]	Fail (Y/N)[2]	Sampling FC ID[3]	FC Check Reference	Return (Y/N)	Can Cert	Comments
200-77312-A-1	2911	-8.1	N	4624	N/A	N	2911	
200-77312-A-2	4432	-8.9	N	4743	N/A	N	4432	
200-77312-A-3	3086	-5.6	N	3050	N/A	N	3086	
200-77312-A-4	4819	-8.0	N	7636	N/A	N	4819	
200-77312-A-5	2511	-9.1	N	4701	N/A	N	2511	
200-77312-A-6	34000083	-8.7	N	4909	N/A	N	34000083	
200-77312-A-7	2819	-7.6	N	2763	N/A	N	2819	
200-77312-A-8	5152	-6.0	N	7425	N/A	N	5152	
200-77312-A-9	5628	-7.0	N	4192	N/A	N	5628	
200-77312-A-10	3205	-6.8	N	3701	N/A	N	3205	
200-77312-A-11	27027	-9.6	N	3772	N/A	N	27027	
200-77312-A-12	34000189	-7.6	N	3769	N/A	N	34000189	
200-77312-A-13	34000461	-6.7	N	5010	N/A	N	34000461	

[1] Criteria: Return Pressure should be between -1 and -12 ("Hg) with the exception of grab samples.
Grab samples, or if using 100 or 200mL/minute flow controllers, must be returned at no lower than -12"Hg, but have no other specific criteria.

[2] If return pressure is not within criteria, initiate Non-conformance Memo

[3] Subtact the retrun pressure from the final field pressure reading recorded on the FTDS.

[4] The difference should be less than ± 2.3 ("Hg), if it is not, initiate Non-conformance Memo.

[5] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

>>> Select a Lab or Service Center <<

#N/A
#N/A
#N/A
#N/A

NYC 222

Canister Samples Chain of Custody Record for Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

Eurofins assumes no liability with respect to the collection and shipment of these samples

eurofins Environment Testing America

Eurofins Environment Testing Northern California LLC d/b/a Eurofins Air Toxics/Sacramento

Eurofins services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2022-04 by and between Haley & Aldrich Inc. its subsidiaries and affiliates and and Eurofins Northern California LLC and its named affiliates Eurofins Environment Testing Northeast LLC Eurofins Environment Testing North Central LLC and Eurofins Environment Testing Southwest LLC

Client Contact Information	**Client Project Manager:** Matthew Levy	**Samples Collected By:** Eddy Nunez	COC No
Company Name Haley Aldrich of New York	**Phone:** 646-893-4733		1 of 2 COCs
Address 213 West 35th Street	**Email:** Mlevy@haleyaldrich.com		TALS Project #
City/State/Zip New York, New York, 10001			**For Lab Use Only:**
Phone	**Site Contact:** Nick Manzione		Walk-in Client
FAX	**Tel/Fax** 516-353-9882		Lab Sampling
Project Name 1885 Atlantic Avenue	**Analysis Turnaround Time**		Job / SDG No.
Site/Location 1885 Atlantic Avenue, Brooklyn, New York, 1123	Standard (Specific) 5 Days		(See below for Add'l Items)
P O # 0205125	Rush (Specifiy)		

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15 (Standard)	TO-15 (Low Level/SIM)	ASTM D-1946			Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
MP-1_20250312	3/12/2025	1401	3/13/2025	1450	-30	-10	4624	4024	X								X					Canister ID: 2511
MP-2_20250312	3/12/2025	1455	3/13/2025	1328	-30	-10	4743	4432	X								X					
MP-3_20250312	3/12/2025	1438	3/13/2025	1451	-30	-10	3050	3086	X								X					
MP-4_20250312	3/12/2025	1449	3/13/2025	1209	-30	-16	7636	4819	X								X					
MP-5_20250312	3/12/2025	1351	3/13/2025	1206	-26	-8	4701	2511	X								X					
MP-6_20250312	3/12/2025	1510	3/13/2025	1530	-30	-10	4909	34000083	X								X					

Temperature (Fahrenheit)		
	Interior	Ambient
Start		
Stop		

Pressure (inches of Hg)		
	Interior	Ambient
Start		
Stop		

200-77312 Chain of Custody

Loc: 200
77312

Special Instructions/QC Requirements & Comments: log in samples using start dates and times

Samples Shipped by: Eddy Nunez	**Date / Time:** 3/13/25 16:40	**Samples Received by:**
Samples Relinquished by:	**Date / Time:** 03/13/25 17:00	**Received by:** ETABUN 3/14/25 1035
Relinquished by:	**Date / Time:**	**Received by:**
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**

Rev. 1.1 dated 11/17/2021

NYC 222

>>> Select a Lab or Service Center <<

#N/A
#N/A
#N/A
#N/A

Canister Samples Chain of Custody Record for Haley & Aldrich, Inc. Blanket Service Agreement # 2022-24

Eurofins assumes no liability with respect to the collection and shipment of these samples

eurofins Environment Testing America

Eurofins Environment Testing Northern California LLC d/b/a Eurofins Air Toxics/Sacramento

Eurofins services under this CoC shall be performed in accordance with the T&Cs with n Blanket Service Agreement# 2022-04 by and between Haley & Aldrich Inc its subsidiaries and affiliates and and Eurof ns Northern California LLC and its named affiliates Eurofins Env ronment Testing Northeast LLC Eurofins Env ronment Testing North Central LLC and Eurofins Environment Testing Southwest LLC

Client Contact Information	**Client Project Manager:** Matthew Levy	**Samples Collected By:** Eddy Nunez
Company Name Haley Aldrich of New York	**Phone:** 646-893-4733	
Address 213 West 35th Street	**Email:** Mlevy@haleyaldrich.com	
City/State/Zip New York, New York, 10001		
Phone	**Site Contact:** Nick Manzione	
FAX.	**Tel/Fax** 516-353-9882	
Project Name 1885 Atlantic Avenue	**Analysis Turnaround Time**	
Site/Location 1885 Atlantic Avenue, Brooklyn, New York, 1123	Standard (Specific) 5 Days	
P O # 0205125	Rush (Specifiy)	

COC No: 2 of 2 COCs

TALS Project #

For Lab Use Only:
Walk-in Client:
Lab Sampling

Job / SDG No

(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15 (Standard)	TO-15 (Low Level/SIM)	ASTM D-1946			Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
MP-1IA_20250312	3/12/2025	1404	3/13/2025	1449	-30	-8	2763	2819	X							X						
MP-2IA_20250312	3/12/2025	1501	3/13/2025	1328	-30	-10	7425	5152	X							X						
MP-3IA_20250312	3/12/2025	1440	3/13/2025	1451	-29	-9	4192	5628	X							X						
MP-4IA_20250312	3/12/2025	1450	3/13/2025	1209	-30	-10	3761	3205	X							X						
MP-5IA_20250312	3/12/2025	1352	3/13/2025	1206	-30	-10	3772	22027	X							X						
MP-6IA_20250312	3/12/2025	1511	3/13/2025	1530	-30	-9	3769	34000189	X							X						
AA-01_20250312	3/12/2025	1539	3/13/2025	1409	-30	-8	5016	34000461	X							X						

Temperature (Fahrenheit)		
Start	Interior	Ambient
Stop		

Pressure (inches of Hg)		
Start	Interior	Ambient
Stop		

Special Instructions/QC Requirements & Comments: log in samples using start dates and times

Samples Shipped by: Eddy Nunez	Date / Time: 3/13/2025 16:45	Samples Received by:
Samples Relinquished by:	Date / Time: 03/13/25 17:02	Received by: EHAB 3/14/25 1032
Relinquished by:	Date / Time:	Received by:
Lab Use Only: Shipper Name:	Opened by:	Condition:

Rev. 1.1 dated 11/17/2021

3/25/2025

ORIGIN ID:AIVA (646) 630-1481
AJAY SINGH

4732 32ND PLACE
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE: 13MAR25
ACTWGT: 40.00 LB
CAD: 112977992/INET4535

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403
REF
(802) 923-1026
INV
PO
DEPT

580J3/502Z/C6C4

FedEx Express

J25102412170uv

1 of 4

TRK# 0201 **7727 0432 3127**

MASTER

FRI - 14 MAR 10:30A
PRIORITY OVERNIGHT

NX BTVA

05403

VT-US BTV

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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

ORIGIN ID AIVA (646) 630-1481
AJAY SINGH

4732 32ND PLACE
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE 13MAR25
ACTWGT 40 00 LB
CAD 112977992/INET4535

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403
(802) 923-1026 REF
INV
PO. DEPT.

58CJ3I5027/C6C4

FedEx Express

J251024121701uv

2 of 4

MPS# 0263 **7727 0432 3138**
Mstr# 7727 0432 3127

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ORIGIN ID AIVA (646) 630-1481
AJAY SINGH

4732 32ND PLACE
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE 13MAR25
ACTWGT 40.00 LB
CAD 112977992/INET4535

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403
(802) 923-1026 REF
INV
PO. DEPT.

58CJ3/5027/C6C4

FedEx Express

J251024121701uv

3 of 4

MPS# 0263 **7727 0432 3149**
Mstr# 7727 0432 3127

FRI - 14 MAR 10:30A
PRIORITY OVERNIGHT

0201

NX BTVA

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VT-US BTV

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ORIGIN ID AIVA (646) 630-1481
AJAY SINGH

4732 32ND PLACE
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE 13MAR25
ACTWGT 40 00 LB
CAD 112977992/INET4535

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403

(802) 923-1026 REF
INV
PO. DEPT.

58CJ3/5027/C6C4

FedEx Express

J2510241217101uv

4 of 4

MPS# 0263 **7727 0432 3150**
Mstr# 7727 0432 3127

NX BTVA

FRI - 14 MAR 10:30A
PRIORITY OVERNIGHT

0201

05403
VT-US BTV

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2 Place label in shipping pouch and affix it to your shipment

Lee Ann Heathcote

From: Manzione, Nicholas <NManzione@haleyaldrich.com>
Sent: Wednesday, March 19, 2025 9:18 AM
To: Lee Ann Heathcote
Cc: Forshay, Matt; Levy, Matthew; Munz, Keila; Chatterton, Kelly
Subject: Edits to 1885 Atlantic Ave Results
Attachments: 200-77312-1ExcelPivot [Interim EDD Auto (UDS)].xlsx; COC 200-77312 (202503141344).pdf

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi Lee Ann,

Thank you for sending this over to us. We need to change the following Lab Sample IDs from MP-#IA_20250312 to just IA-##_YYYYMMDD with the number 01 matching up with MP-01 (So instead of MP-1IA_20250312 to IA-01_20250312 and so on). The following lab IDs that should reflect this change are below.

200-77312-7 (MP-1IA_20250312)
200-77312-8 (MP-2IA_20250312)
200-77312-9 (MP-3IA_20250312)
200-77312-10 (MP-4IA_20250312)
200-77312-11 (MP-5IA_20250312)
200-77312-12 (MP-6IA_20250312)

Let me know if you have any questions

Best,
Nick

Nicholas J. Manzione
Project Environmental Engineer

H & A of New York Engineering and Geology, LLP
213 West 35th Street, 7th Floor
New York, NY 10001

T: 917-765-7174
M: 516-353-9882
www.haleyaldrich.com

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 200-77312-1

Login Number: 77312
List Number: 1
Creator: Lavigne III, Scott N

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Oven 3/4	10		2/8/2025	1204	22	22	SML	6 liter	Individual

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	2511	0	0	0	29.7	GA01	3/4/25	1530	[illegible]	22.0	GA01	3/4/25	1335	[illegible]	22.0
2	2819		0	0		GA01					GA01				
3	4432		0	0		GA01					GA01				
4	34000461		0	0		GA01					GA01				
5	34000189		0	0		GA01					GA01				
6	34000083		0	0		GA01					GA01				
7	3205		0	0		GA01					GA01				
8	2694		0	0		GA01					GA01				
9	5406		0	0		GA01					GA01				
10	27027		0	0		GA01					GA01				
11	2911		0	0		GA01					GA01				
12	5152	✓	0	0	↓	GA01	✓	✓	✓	✓	GA01	✓	✓	✓	✓

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Reviewer
2511	2/11/25	63946	KPI		XXXXXXX				2/11/25	JPB
2819					XXXXXXX					
4432					XXXXXXX					
34000461					XXXXXXX					
34000189					XXXXXXX					
34000083	✓	✓	✓		XXXXXXX				✓	✓
3205	2/12/25	63962	KPI		XXXXXXX				2/12/25	↓
2694	2/11/25	63947	KPI		XXXXXXX				2/11/25	JPB
5406	↓	↓	↓		XXXXXXX				↓	↓
27027	2/12/25	63962	↓		XXXXXXX				2/12/25	↓
2911	↓	↓	↓		XXXXXXX				↓	↓
5152	↓	↓			XXXXXXX				↓	↓

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

0.04 IND CERT

Form ID: FAI023:12
Revision Date: 12/18/2018

200-76917-A-1
2511
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 2/8/2025 12:00 AM 200-1977437
Loc: 200
76917
#1 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Oven 3/4	10	32	2/11/2025	1100	21	21	SML III	6 liter	Individual

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	3086	Ø	Ø	Ø	29.4	GA01	2/12/25	1415	KB	22.0	GA01	2/25/25	1038	~	22.0
2	9210		Ø	Ø		GA01					GA01				
3	34001546		Ø	Ø		GA01					GA01				
4	5721		Ø	Ø		GA01					GA01				
5	3340		Ø	Ø		GA01					GA01				
6	3210		Ø	Ø		GA01					GA01				
7	5628		Ø	Ø		GA01					GA01				
8	2862		Ø	Ø		GA01					GA01				
9	4819		Ø	Ø		GA01					GA01				
10	4369		Ø	Ø		GA01					GA01				
11	5398		Ø	Ø	~	GA01					GA01	~	~	~	~
~~12~~	~~5712~~					GA01					GA01				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Review
3086	2/18/25	64024	ABI		XXXXXXX				2/18/25	TPB
9210					XXXXXXX					
34001546					XXXXXXX					
5721					XXXXXXX					
3340					XXXXXXX					
3210	2/19/25	64038	KPI		XXXXXXX				2/19/25	TPB
5628	2/20/25	64051			XXXXXXX				2/20/25	TPB
2862	2/19/25	64039	KPI		XXXXXXX				2/19/25	TPB
4819					XXXXXXX					
4369					XXXXXXX					
5398					XXXXXXX					
~~5712~~					XXXXXXX					

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Comments:

0.04 IND CERTIFIED

Dup Tees/Vac gauges (enter IDs if included):

Fails TPB 2/19/25

200-76939-A-1
3086
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 2/11/2025 12:00 AM 200-1977827
Loc: 200
76939
#1 A
Air-Storag

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2511 Lab Sample ID: 200-76917-1

Matrix: Air Lab File ID: 63946_006.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 11:02

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *+	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *+	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2511 | Lab Sample ID: 200-76917-1

Matrix: Air | Lab File ID: 63946_006.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/10/2025 11:02

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213495 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2511 Lab Sample ID: 200-76917-1

Matrix: Air Lab File ID: 63946_006.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 11:02

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_006.D
Lims ID: 200-76917-A-1
Client ID: 2511
Sample Type: Client
Inject. Date: 10-Feb-2025 11:02:39 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063946-006
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:15:52 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 08:15:52

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.278				ND	7
	2 Dichlorodifluoromethane	85		4.380				ND	
	3 Chlorodifluoromethane	51		4.428				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
	5 Chloromethane	50		4.877				ND	
	7 Butane	43		5.182				ND	7
	6 Vinyl chloride	62		5.182				ND	
	8 Butadiene	54		5.300				ND	
	9 Bromomethane	94		6.049				ND	
	10 Chloroethane	64		6.327				ND	
	13 Vinyl bromide	106		6.760				ND	
	14 Trichlorofluoromethane	101		6.921				ND	
	16 Ethanol	45		7.327				ND	
	20 1,1-Dichloroethene	96		8.007				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
	22 Acetone	43		8.098				ND	7
	23 Isopropyl alcohol	45		8.408				ND	
	24 Carbon disulfide	76		8.413				ND	7
	26 3-Chloro-1-propene	41		8.718				ND	
	27 Methylene Chloride	49		8.959				ND	7
	28 2-Methyl-2-propanol	59		9.194				ND	
	30 trans-1,2-Dichloroethene	61		9.457				ND	
	31 Methyl tert-butyl ether	73		9.462				ND	
	32 Hexane	57		9.970				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.243				ND	
	34 Vinyl acetate	43		10.248				ND	
	36 2-Butanone (MEK)	72		11.233				ND	
	37 cis-1,2-Dichloroethene	96		11.254				ND	
	38 Ethyl acetate	88		11.308				ND	
*	39 Chlorobromomethane	128	11.671	11.677	-0.006	95	266499	10.0	
	40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1310698	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.566				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.331				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.882				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.032	19.033	-0.001	93	1147367	10.0	
	74 Chlorobenzene	112		19.092				ND	7
	75 Ethylbenzene	91		19.279				ND	MU
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	7
	86 2-Chlorotoluene	91		21.831				ND	7
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.761				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	7
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	7
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	7
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004	Amount Added:	20.00	Units: mL	Run Reagent

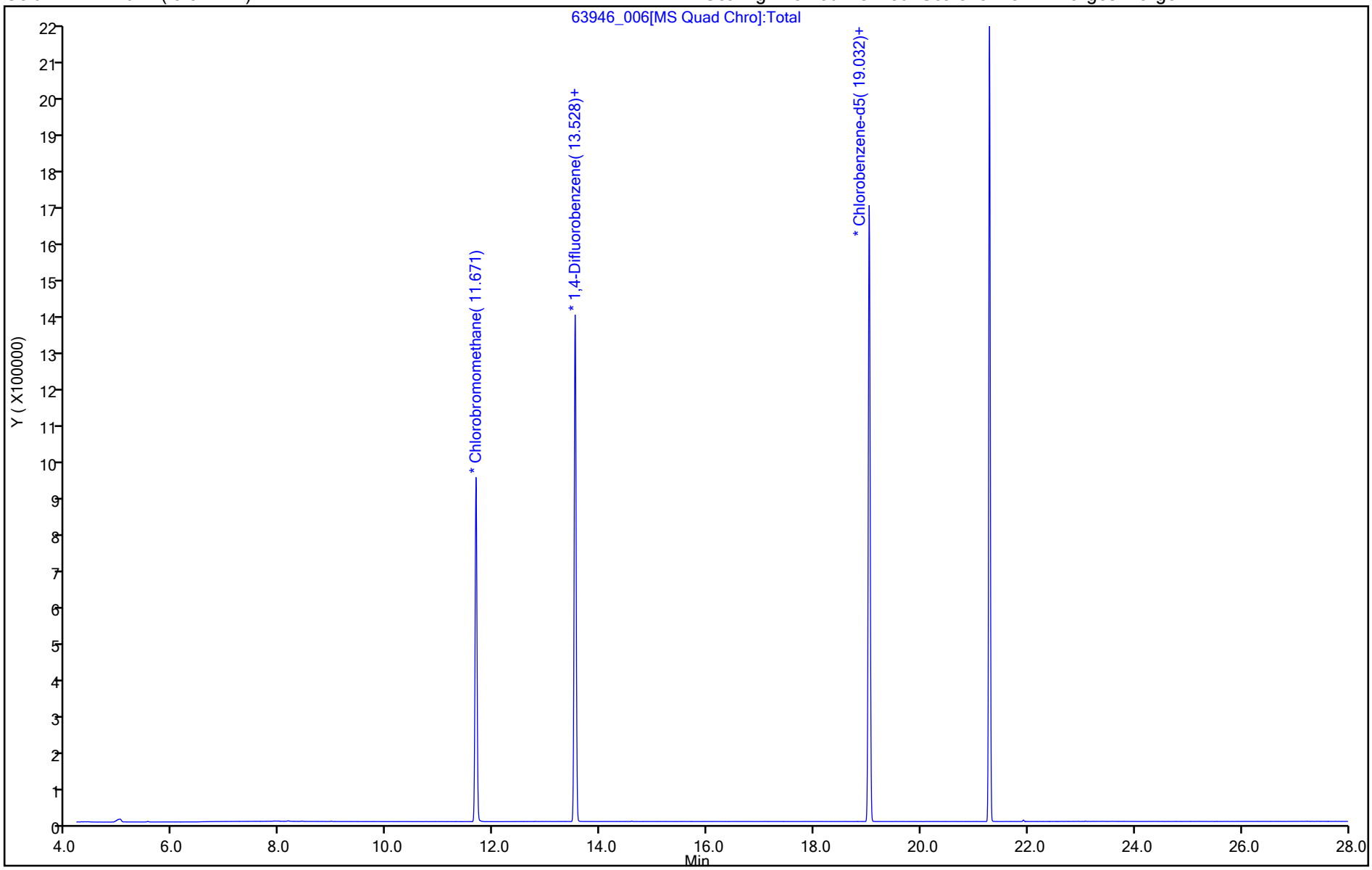
Report Date: 11-Feb-2025 08:15:52 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_006.D

Injection Date:	10-Feb-2025 11:02:39	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-1	Lab Sample ID:	200-76917-1	Worklist Smp#:	6
Client ID:	2511				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	6
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



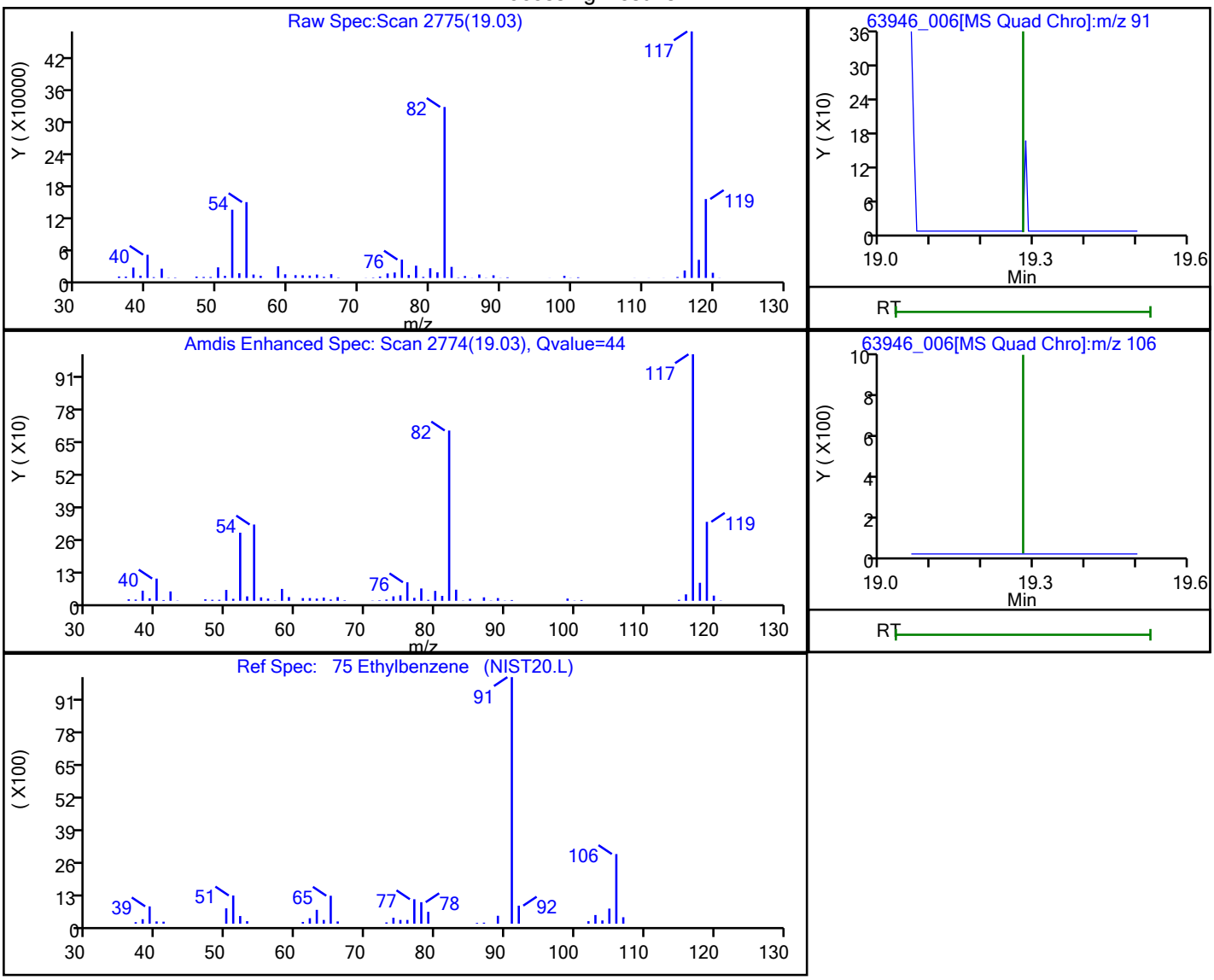
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_006.D				
Injection Date:	10-Feb-2025 11:02:39	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-1	Lab Sample ID:	200-76917-1		
Client ID:	2511				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.03	91.00	2810	0.015138
19.28	106.00	0	

Reviewer: YWL8, 11-Feb-2025 08:15:27 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2819 Lab Sample ID: 200-76917-2

Matrix: Air Lab File ID: 63946_007.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 12:04

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *+	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *+	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2819 | Lab Sample ID: 200-76917-2

Matrix: Air | Lab File ID: 63946_007.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/10/2025 12:04

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213495 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2819 Lab Sample ID: 200-76917-2

Matrix: Air Lab File ID: 63946_007.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 12:04

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_007.D
Lims ID: 200-76917-A-2
Client ID: 2819
Sample Type: Client
Inject. Date: 10-Feb-2025 12:04:44 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063946-007
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:34:33 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 08:34:33

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.278				ND	7
	2 Dichlorodifluoromethane	85		4.380				ND	
	3 Chlorodifluoromethane	51		4.428				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
	5 Chloromethane	50		4.877				ND	
	7 Butane	43		5.182				ND	7
	6 Vinyl chloride	62		5.182				ND	
	8 Butadiene	54		5.300				ND	
	9 Bromomethane	94		6.049				ND	
	10 Chloroethane	64		6.327				ND	
	13 Vinyl bromide	106		6.760				ND	
	14 Trichlorofluoromethane	101		6.921				ND	
	16 Ethanol	45		7.327				ND	
	20 1,1-Dichloroethene	96		8.007				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
	22 Acetone	43		8.098				ND	7
	23 Isopropyl alcohol	45		8.408				ND	
	24 Carbon disulfide	76	8.413	8.413	0.000	99	9560	0.0839	
	26 3-Chloro-1-propene	41		8.718				ND	
	27 Methylene Chloride	49		8.959				ND	7
	28 2-Methyl-2-propanol	59		9.194				ND	
	30 trans-1,2-Dichloroethene	61		9.457				ND	
	31 Methyl tert-butyl ether	73		9.462				ND	
	32 Hexane	57		9.970				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.243				ND	
	34 Vinyl acetate	43		10.248				ND	
	36 2-Butanone (MEK)	72		11.233				ND	
	37 cis-1,2-Dichloroethene	96		11.254				ND	
	38 Ethyl acetate	88		11.308				ND	
*	39 Chlorobromomethane	128	11.671	11.677	-0.006	93	252940	10.0	
	40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	98	1241899	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.566				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.331				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.882				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	94	1086360	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	MU
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.831				ND	
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.761				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004	Amount Added:	20.00	Units: mL	Run Reagent

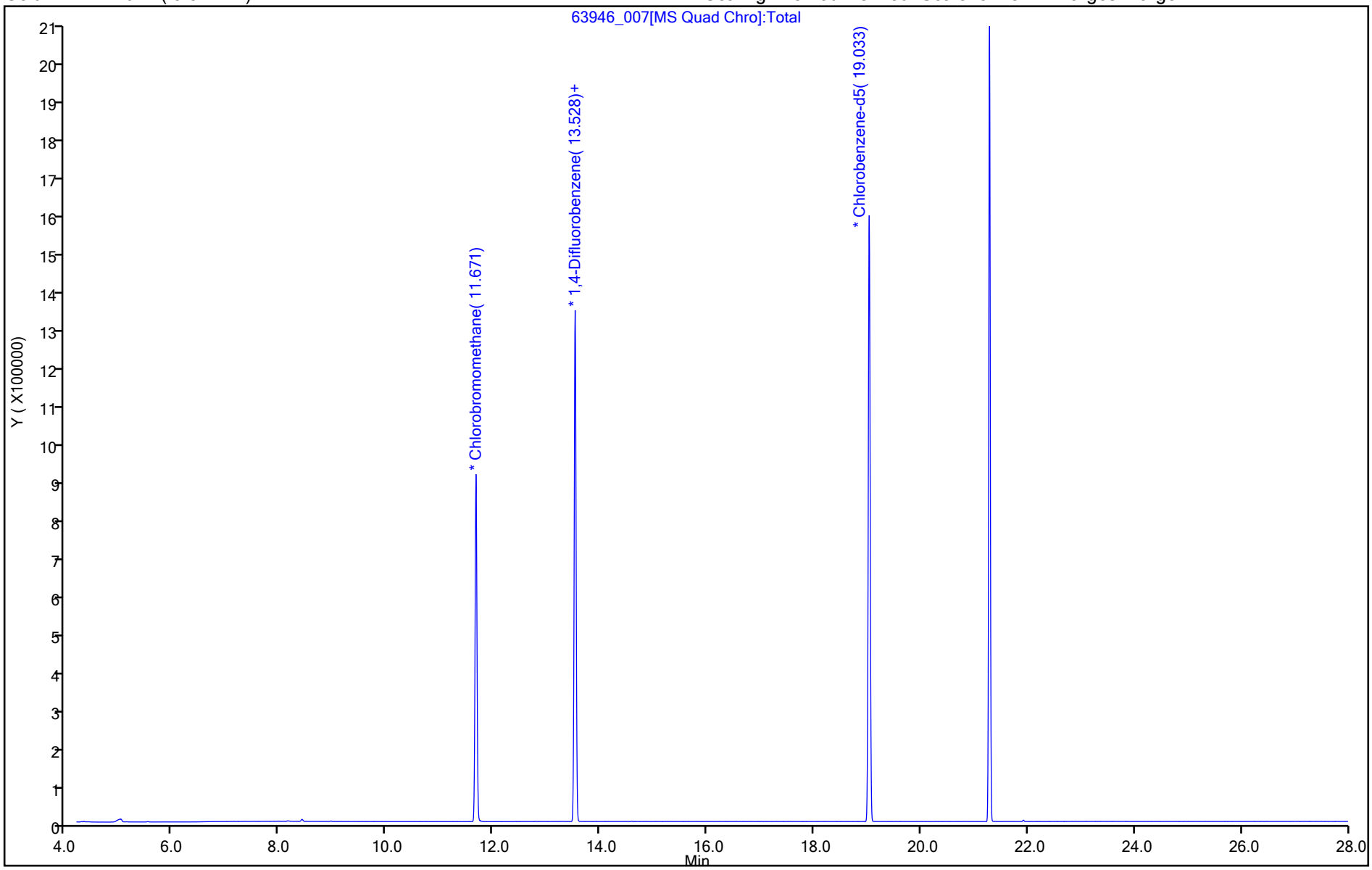
Report Date: 11-Feb-2025 08:34:33 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_007.D

Injection Date:	10-Feb-2025 12:04:44	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-2	Lab Sample ID:	200-76917-2	Worklist Smp#:	7
Client ID:	2819				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	7
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



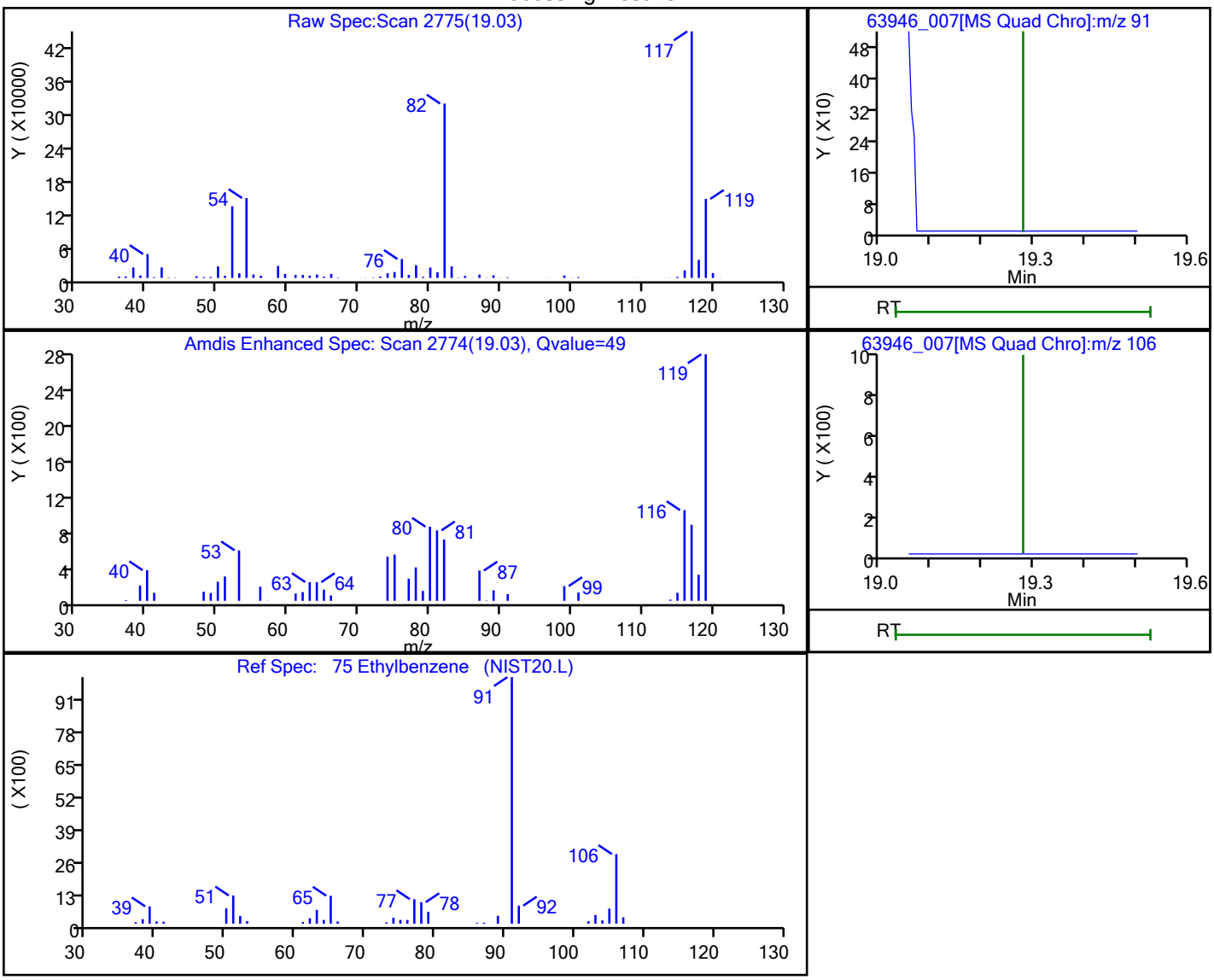
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_007.D				
Injection Date:	10-Feb-2025 12:04:44	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-2	Lab Sample ID:	200-76917-2		
Client ID:	2819				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.03	91.00	2721	0.015481
19.28	106.00	0	

Reviewer: YWL8, 11-Feb-2025 08:16:17 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 4432 Lab Sample ID: 200-76917-3

Matrix: Air Lab File ID: 63946_008.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 13:06

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *+	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *+	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 4432 Lab Sample ID: 200-76917-3

Matrix: Air Lab File ID: 63946_008.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 13:06

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 4432 Lab Sample ID: 200-76917-3

Matrix: Air Lab File ID: 63946_008.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 13:06

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_008.D
Lims ID: 200-76917-A-3
Client ID: 4432
Sample Type: Client
Inject. Date: 10-Feb-2025 13:06:21 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063946-008
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:38:50 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 08:38:50

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.278				ND	7
	2 Dichlorodifluoromethane	85		4.380				ND	
	3 Chlorodifluoromethane	51		4.428				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
	5 Chloromethane	50	4.883	4.875	0.006	93	900	0.0382	
	7 Butane	43		5.182				ND	7
	6 Vinyl chloride	62		5.182				ND	
	8 Butadiene	54		5.300				ND	
	9 Bromomethane	94		6.049				ND	
	10 Chloroethane	64		6.327				ND	
	13 Vinyl bromide	106		6.760				ND	
	14 Trichlorofluoromethane	101		6.921				ND	
	16 Ethanol	45		7.327				ND	
	20 1,1-Dichloroethene	96		8.007				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
	22 Acetone	43		8.098				ND	7
	23 Isopropyl alcohol	45		8.408				ND	
	24 Carbon disulfide	76		8.413				ND	7
	26 3-Chloro-1-propene	41		8.718				ND	
	27 Methylene Chloride	49		8.959				ND	7
	28 2-Methyl-2-propanol	59		9.194				ND	
	30 trans-1,2-Dichloroethene	61		9.457				ND	
	31 Methyl tert-butyl ether	73		9.462				ND	
	32 Hexane	57		9.970				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.243				ND	
	34 Vinyl acetate	43		10.248				ND	
	36 2-Butanone (MEK)	72		11.233				ND	
	37 cis-1,2-Dichloroethene	96		11.254				ND	
	38 Ethyl acetate	88		11.308				ND	
*	39 Chlorobromomethane	128	11.671	11.677	-0.006	93	219474	10.0	
	40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	98	1076856	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.566				ND	
	57 Dibromomethane	174		14.587				ND	
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.331				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.882				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	95	940004	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	MU
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.831				ND	
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.761				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004	Amount Added:	20.00	Units: mL	Run Reagent

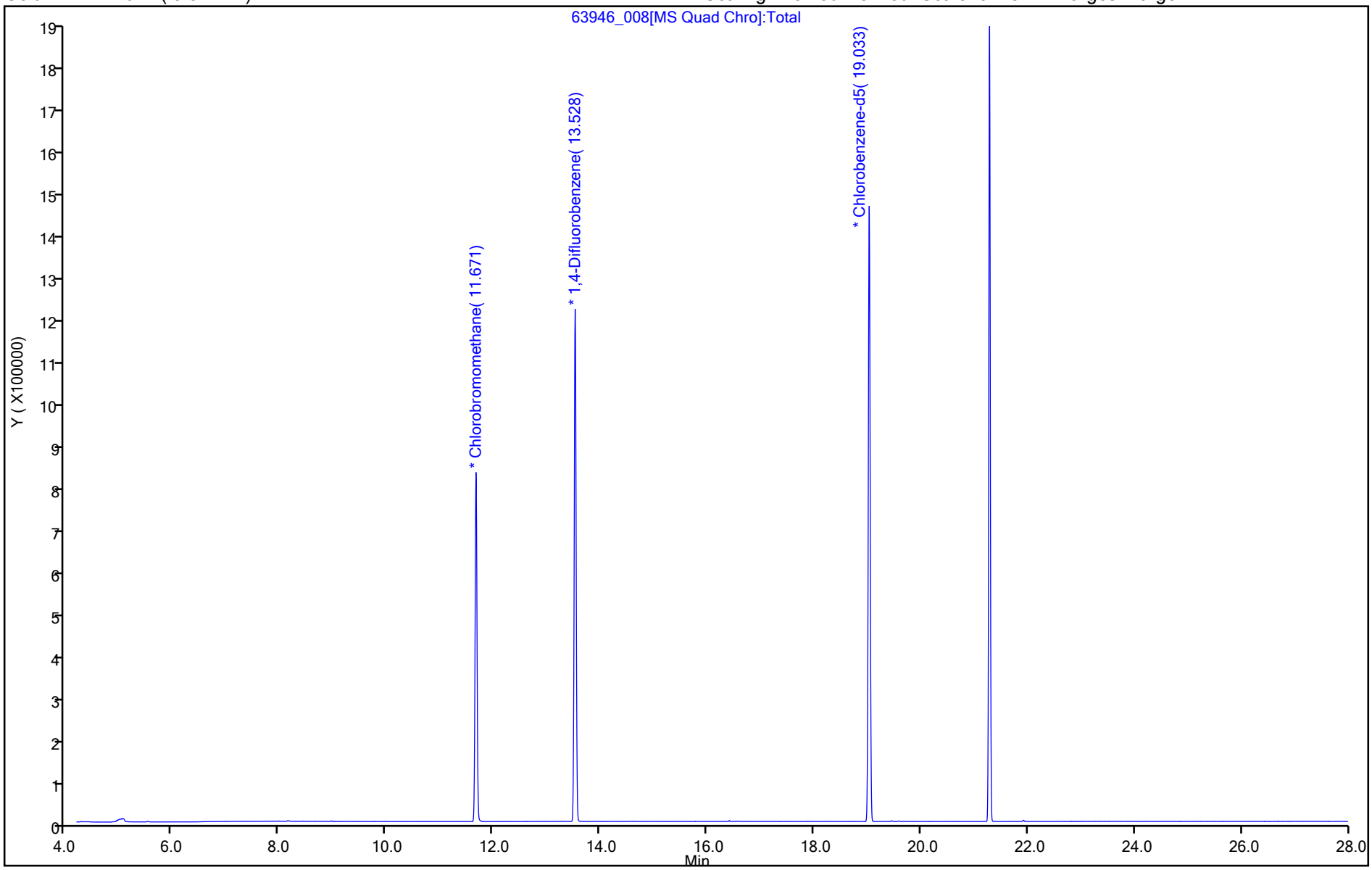
Report Date: 11-Feb-2025 08:38:50 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_008.D

Injection Date:	10-Feb-2025 13:06:21	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-3	Lab Sample ID:	200-76917-3	Worklist Smp#:	8
Client ID:	4432				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	8
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



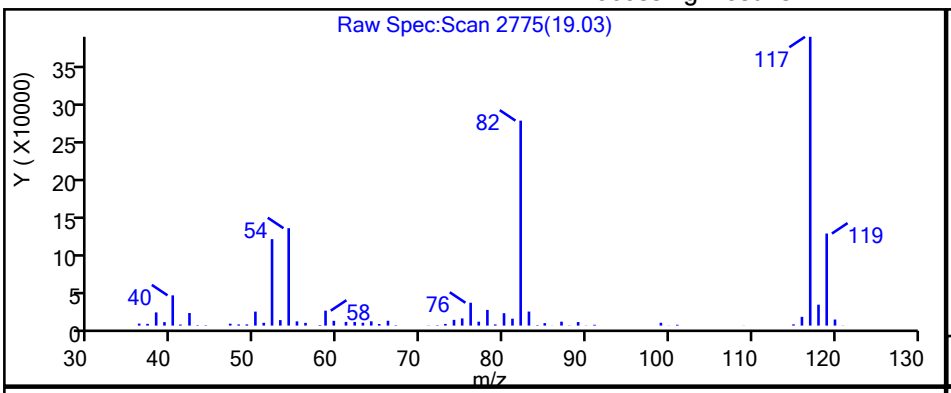
User Disabled Compound Report

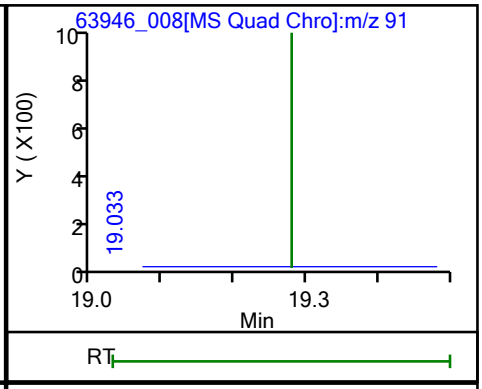
Eurofins Burlington

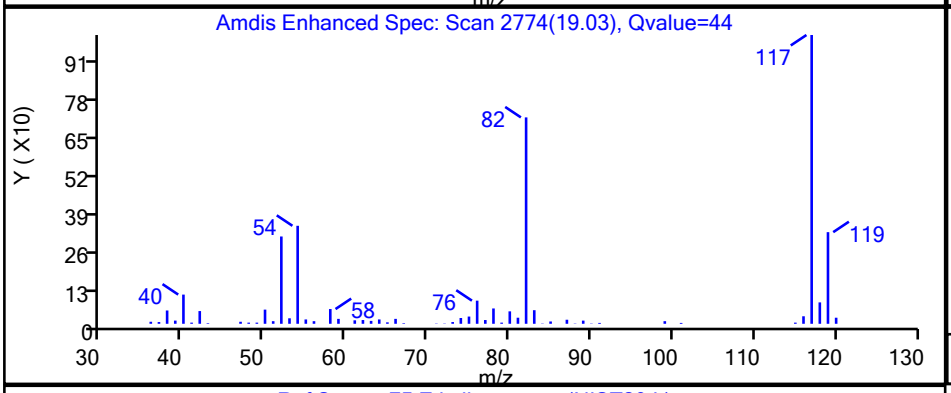
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_008.D				
Injection Date:	10-Feb-2025 13:06:21	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-3	Lab Sample ID:	200-76917-3		
Client ID:	4432				
Operator ID:	vtp	ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

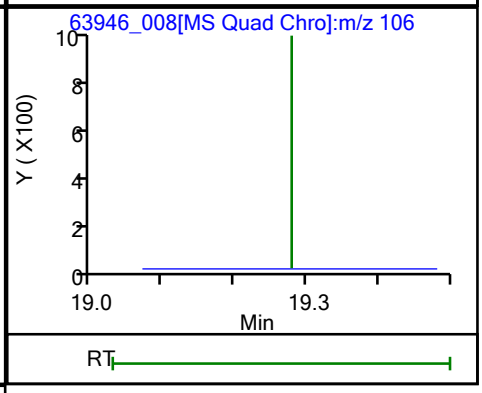
75 Ethylbenzene, CAS: 100-41-4

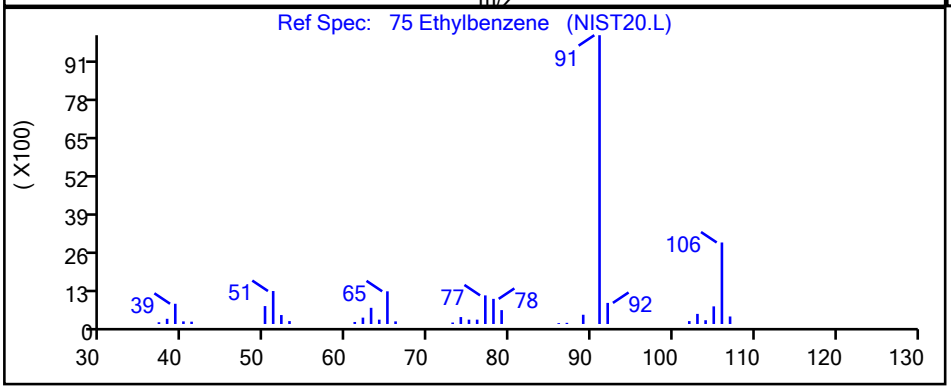
Processing Results











RT	Mass	Response	Amount
19.03	91.00	2361	0.015524
19.28	106.00	0	

Reviewer: YWL8, 11-Feb-2025 08:38:00 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000461 Lab Sample ID: 200-76917-4

Matrix: Air Lab File ID: 63946_009.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 14:08

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *+	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *+	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000461 | Lab Sample ID: 200-76917-4

Matrix: Air | Lab File ID: 63946_009.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/10/2025 14:08

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213495 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000461 Lab Sample ID: 200-76917-4

Matrix: Air Lab File ID: 63946_009.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 14:08

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_009.D
Lims ID: 200-76917-A-4
Client ID: 34000461
Sample Type: Client
Inject. Date: 10-Feb-2025 14:08:04 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063946-009
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:38:50 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 08:49:25

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.278				ND	
	2 Dichlorodifluoromethane	85		4.380				ND	
	3 Chlorodifluoromethane	51		4.428				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
	5 Chloromethane	50		4.877				ND	
	7 Butane	43		5.182				ND	7
	6 Vinyl chloride	62		5.182				ND	
	8 Butadiene	54		5.300				ND	
	9 Bromomethane	94		6.049				ND	
	10 Chloroethane	64		6.327				ND	
	13 Vinyl bromide	106		6.760				ND	
	14 Trichlorofluoromethane	101		6.921				ND	
	16 Ethanol	45		7.327				ND	
	20 1,1-Dichloroethene	96		8.007				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
	22 Acetone	43		8.098				ND	7
	23 Isopropyl alcohol	45		8.408				ND	
	24 Carbon disulfide	76		8.413				ND	7
	26 3-Chloro-1-propene	41		8.718				ND	
	27 Methylene Chloride	49		8.959				ND	7
	28 2-Methyl-2-propanol	59		9.194				ND	
	30 trans-1,2-Dichloroethene	61		9.457				ND	
	31 Methyl tert-butyl ether	73		9.462				ND	
	32 Hexane	57		9.970				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.243				ND	
	34 Vinyl acetate	43		10.248				ND	
	36 2-Butanone (MEK)	72		11.233				ND	
	37 cis-1,2-Dichloroethene	96		11.254				ND	
	38 Ethyl acetate	88		11.308				ND	
*	39 Chlorobromomethane	128	11.672	11.677	-0.005	92	203906	10.0	
	40 Tetrahydrofuran	42		11.709				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Chloroform	83		11.853				ND	
42 1,1,1-Trichloroethane	97		12.153				ND	
43 Cyclohexane	84		12.281				ND	
44 Carbon tetrachloride	117		12.426				ND	
45 Benzene	78		12.784				ND	7
46 1,2-Dichloroethane	62		12.870				ND	
47 Isooctane	57		12.993				ND	
48 n-Heptane	43		13.298				ND	7
* 49 1,4-Difluorobenzene	114	13.528	13.528	0.000	98	1000926	10.0	
51 Trichloroethene	95		13.961				ND	
53 1,2-Dichloropropane	63		14.427				ND	
54 Methyl methacrylate	69		14.512				ND	
55 1,4-Dioxane	88		14.566				ND	
57 Dibromomethane	174		14.587				ND	7
58 Dichlorobromomethane	83		14.903				ND	
59 cis-1,3-Dichloropropene	75		15.705				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
62 Toluene	92		16.342				ND	
66 trans-1,3-Dichloropropene	75		16.770				ND	
67 1,1,2-Trichloroethane	83		17.144				ND	
68 Tetrachloroethene	166		17.331				ND	
69 2-Hexanone	43		17.556				ND	
70 Chlorodibromomethane	129		17.882				ND	
71 Ethylene Dibromide	107		18.123				ND	
* 73 Chlorobenzene-d5	117	19.033	19.033	0.000	96	870179	10.0	
74 Chlorobenzene	112		19.092				ND	
75 Ethylbenzene	91		19.279				ND	
76 m-Xylene & p-Xylene	106		19.541				ND	
S 80 Xylenes, Total	106		20.100				ND	7
78 o-Xylene	106		20.311				ND	
79 Styrene	104		20.343				ND	
81 Bromoform	173		20.686				ND	
82 Isopropylbenzene	105		20.980				ND	
83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
85 N-Propylbenzene	91		21.681				ND	
86 2-Chlorotoluene	91		21.831				ND	
87 4-Ethyltoluene	105		21.873				ND	
88 1,3,5-Trimethylbenzene	105		21.964				ND	
91 tert-Butylbenzene	119		22.441				ND	
92 1,2,4-Trimethylbenzene	105		22.526				ND	
93 sec-Butylbenzene	105		22.761				ND	
94 1,3-Dichlorobenzene	146		22.938				ND	
95 4-Isopropyltoluene	119		22.970				ND	
96 1,4-Dichlorobenzene	146		23.077				ND	
97 Benzyl chloride	91		23.227				ND	
98 n-Butylbenzene	91		23.532				ND	
99 1,2-Dichlorobenzene	146		23.580				ND	
102 1,2,4-Trichlorobenzene	180		26.073				ND	
103 Hexachlorobutadiene	225		26.319				ND	
104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

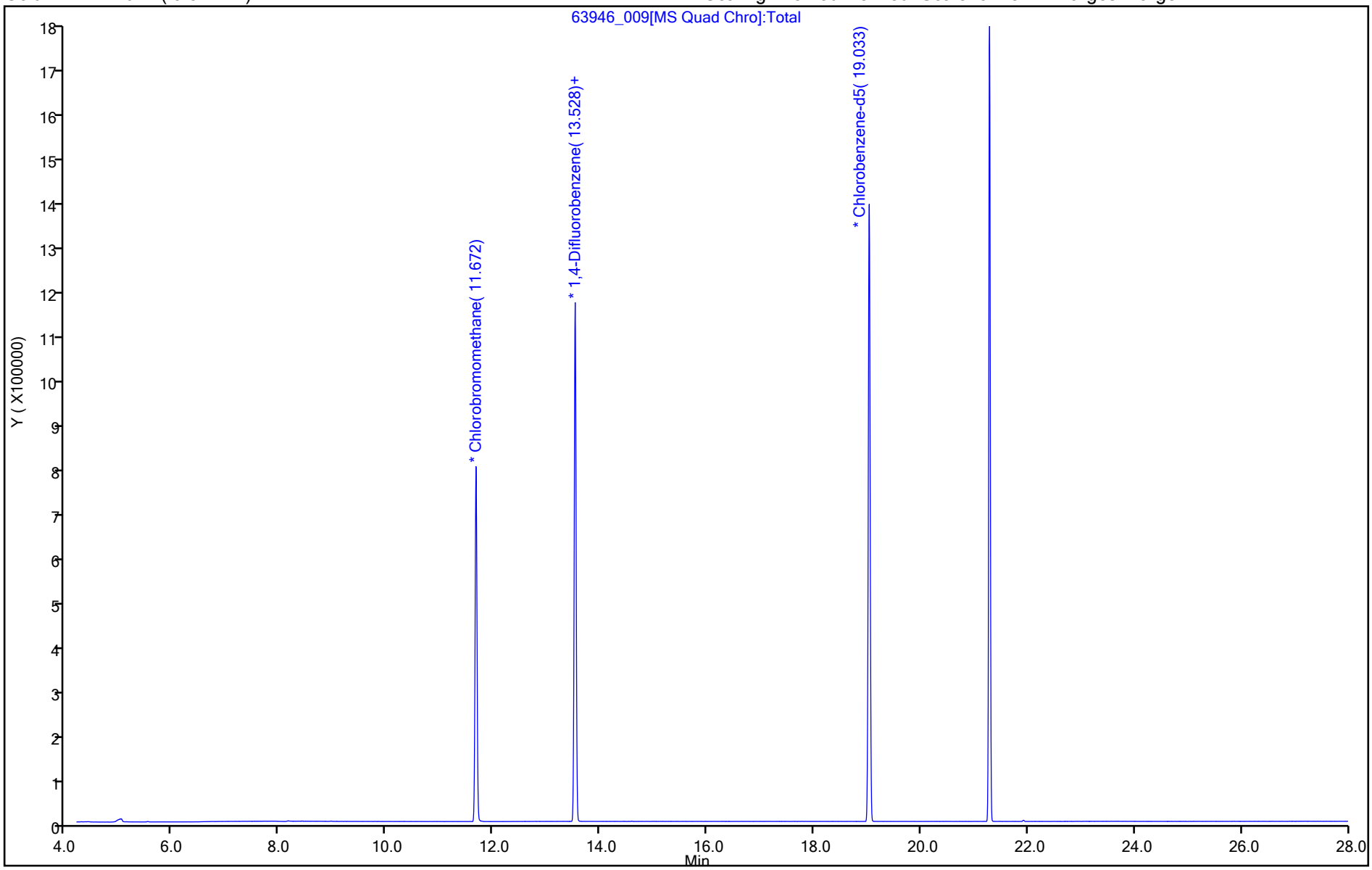
Report Date: 11-Feb-2025 08:49:25 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_009.D

Injection Date:	10-Feb-2025 14:08:04	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-4	Lab Sample ID:	200-76917-4	Worklist Smp#:	9
Client ID:	34000461				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	9
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000189 | Lab Sample ID: 200-76917-5

Matrix: Air | Lab File ID: 63946_010.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/10/2025 15:09

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213495 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *+	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *+	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000189 Lab Sample ID: 200-76917-5

Matrix: Air Lab File ID: 63946_010.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 15:09

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000189 Lab Sample ID: 200-76917-5

Matrix: Air Lab File ID: 63946_010.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 15:09

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_010.D
Lims ID: 200-76917-A-5
Client ID: 34000189
Sample Type: Client
Inject. Date: 10-Feb-2025 15:09:56 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063946-010
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:38:50 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 08:56:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.278				ND	7
2 Dichlorodifluoromethane	85		4.380				ND	
3 Chlorodifluoromethane	51		4.428				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
5 Chloromethane	50		4.877				ND	
7 Butane	43		5.182				ND	7
6 Vinyl chloride	62		5.182				ND	
8 Butadiene	54		5.300				ND	
9 Bromomethane	94		6.049				ND	
10 Chloroethane	64		6.327				ND	
13 Vinyl bromide	106		6.760				ND	
14 Trichlorofluoromethane	101		6.921				ND	
16 Ethanol	45		7.327				ND	
20 1,1-Dichloroethene	96		8.007				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
22 Acetone	43		8.098				ND	7
23 Isopropyl alcohol	45		8.408				ND	
24 Carbon disulfide	76		8.413				ND	7
26 3-Chloro-1-propene	41		8.718				ND	
27 Methylene Chloride	49		8.959				ND	7
28 2-Methyl-2-propanol	59		9.194				ND	
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57		9.970				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
33 1,1-Dichloroethane	63		10.243				ND	
34 Vinyl acetate	43		10.248				ND	
36 2-Butanone (MEK)	72		11.233				ND	
37 cis-1,2-Dichloroethene	96		11.254				ND	
38 Ethyl acetate	88		11.308				ND	
* 39 Chlorobromomethane	128	11.677	11.677	0.000	92	202018	10.0	
40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	98	995566	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.566				ND	
	57 Dibromomethane	174		14.587				ND	
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.331				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.882				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	96	871148	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.831				ND	
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.761				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

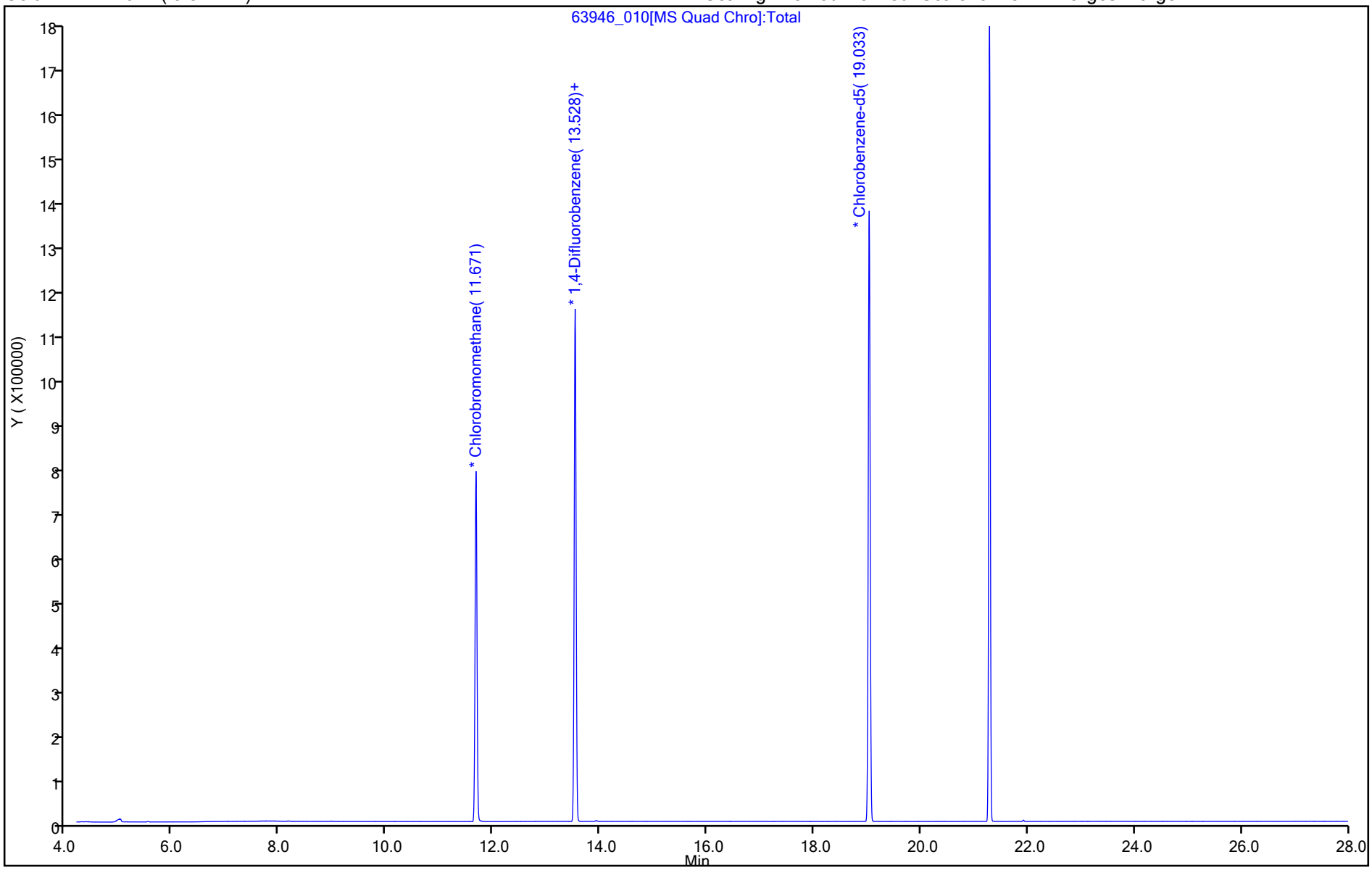
Report Date: 11-Feb-2025 08:56:27 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_010.D

Injection Date:	10-Feb-2025 15:09:56	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-5	Lab Sample ID:	200-76917-5	Worklist Smp#:	10
Client ID:	34000189				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	10
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000083 | Lab Sample ID: 200-76917-6

Matrix: Air | Lab File ID: 63946_011.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/10/2025 16:11

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213495 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *+	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U *+	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000083 | Lab Sample ID: 200-76917-6

Matrix: Air | Lab File ID: 63946_011.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/10/2025 16:11

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213495 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 34000083 Lab Sample ID: 200-76917-6

Matrix: Air Lab File ID: 63946_011.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 16:11

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213495 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_011.D
Lims ID: 200-76917-A-6
Client ID: 34000083
Sample Type: Client
Inject. Date: 10-Feb-2025 16:11:27 ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063946-011
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:58:12 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 08:58:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.278				ND	7
2 Dichlorodifluoromethane	85		4.380				ND	MU
3 Chlorodifluoromethane	51		4.428				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
5 Chloromethane	50		4.877				ND	
7 Butane	43		5.182				ND	7
6 Vinyl chloride	62		5.182				ND	
8 Butadiene	54		5.300				ND	
9 Bromomethane	94		6.049				ND	
10 Chloroethane	64		6.327				ND	
13 Vinyl bromide	106		6.760				ND	
14 Trichlorofluoromethane	101		6.921				ND	
16 Ethanol	45		7.327				ND	
20 1,1-Dichloroethene	96		8.007				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
22 Acetone	43		8.098				ND	7
23 Isopropyl alcohol	45		8.408				ND	
24 Carbon disulfide	76		8.413				ND	7
26 3-Chloro-1-propene	41		8.718				ND	
27 Methylene Chloride	49		8.959				ND	7
28 2-Methyl-2-propanol	59		9.194				ND	
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57		9.970				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
33 1,1-Dichloroethane	63		10.243				ND	
34 Vinyl acetate	43		10.248				ND	
36 2-Butanone (MEK)	72		11.233				ND	
37 cis-1,2-Dichloroethene	96		11.254				ND	
38 Ethyl acetate	88		11.308				ND	
* 39 Chlorobromomethane	128	11.672	11.677	-0.005	92	191301	10.0	
40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	98	942956	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.566				ND	
	57 Dibromomethane	174		14.587				ND	
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.331				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.882				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	96	824212	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	MU
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.831				ND	
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.761				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

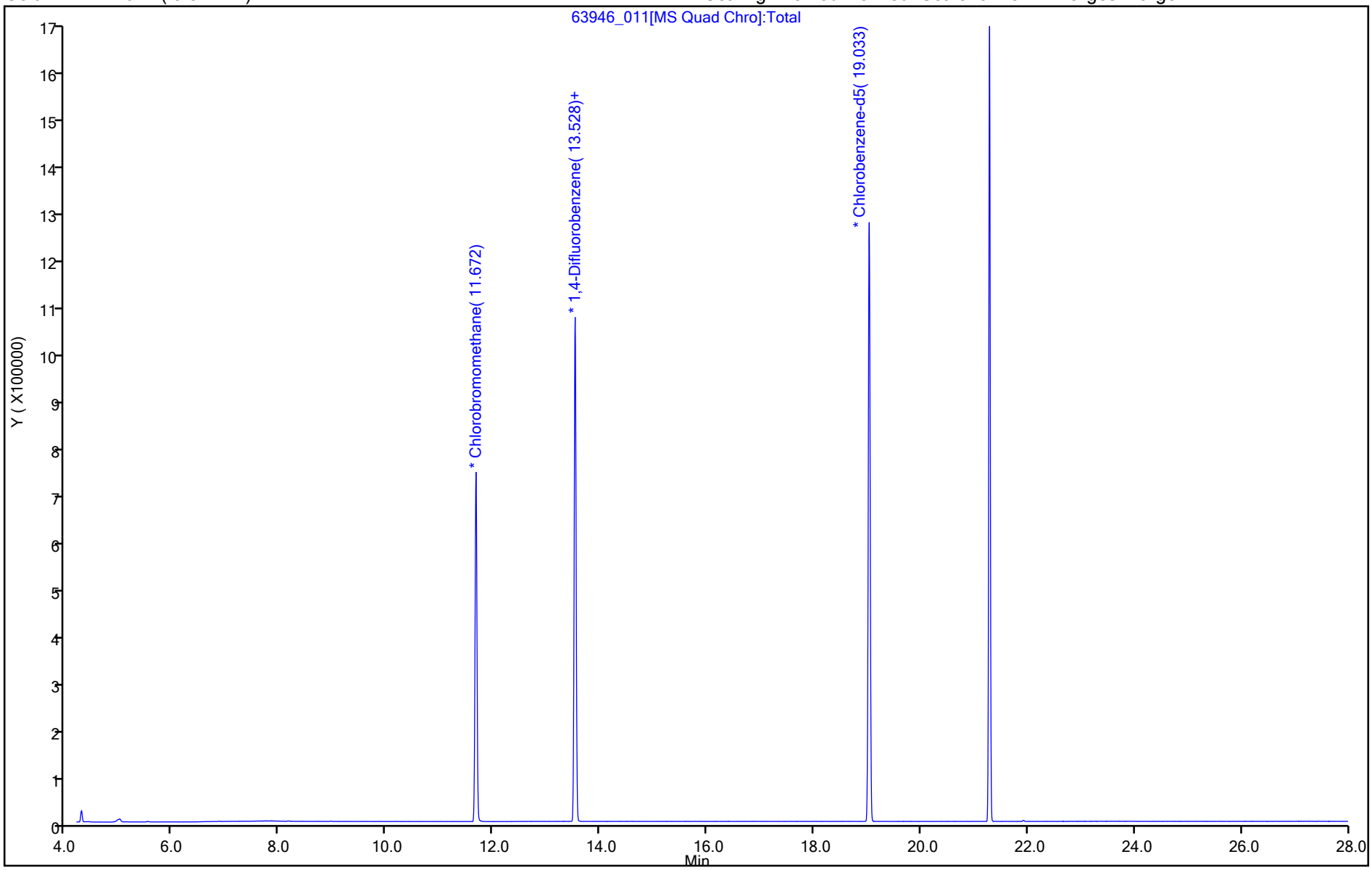
Report Date: 11-Feb-2025 08:58:12 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_011.D

Injection Date:	10-Feb-2025 16:11:27	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-6	Lab Sample ID:	200-76917-6	Worklist Smp#:	11
Client ID:	34000083				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	11
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



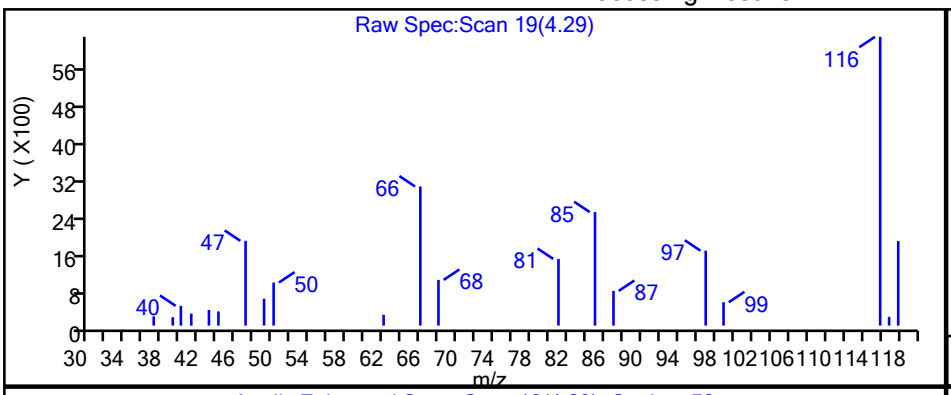
User Disabled Compound Report

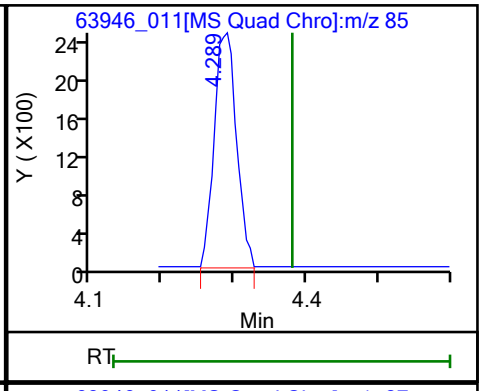
Eurofins Burlington

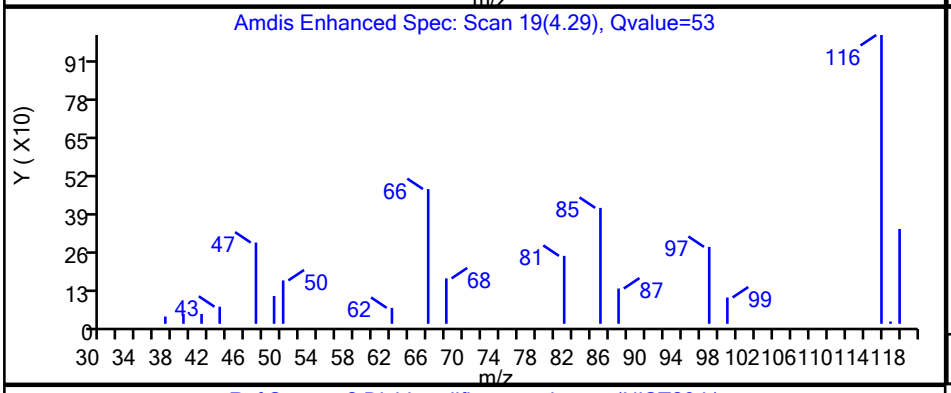
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_011.D				
Injection Date:	10-Feb-2025 16:11:27	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-6	Lab Sample ID:	200-76917-6		
Client ID:	34000083				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

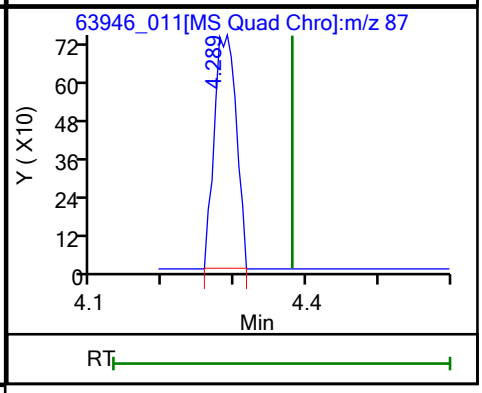
2 Dichlorodifluoromethane, CAS: 75-71-8

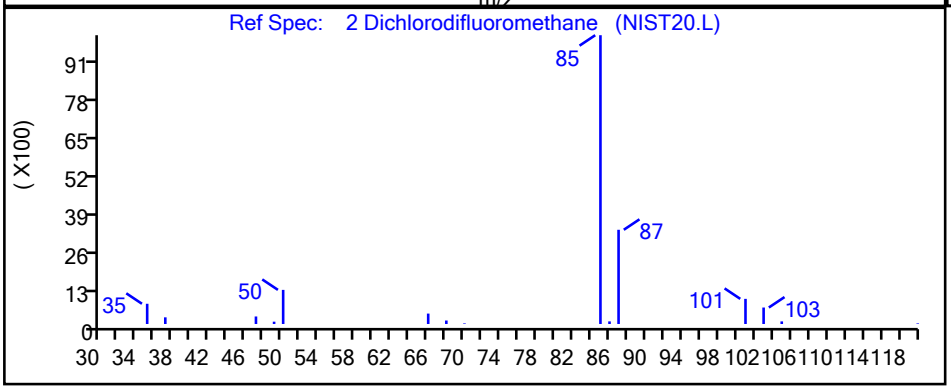
Processing Results











RT	Mass	Response	Amount
4.29	85.00	5276	0.087992
4.29	87.00	1591	

Reviewer: YWL8, 11-Feb-2025 08:57:05 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

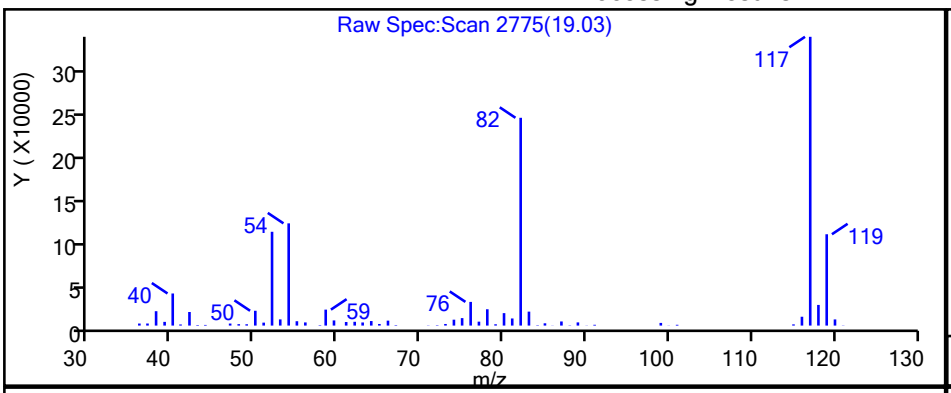
User Disabled Compound Report

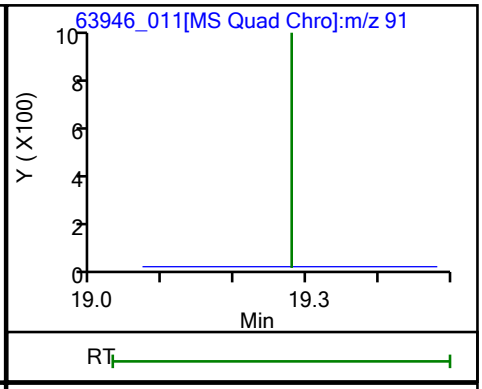
Eurofins Burlington

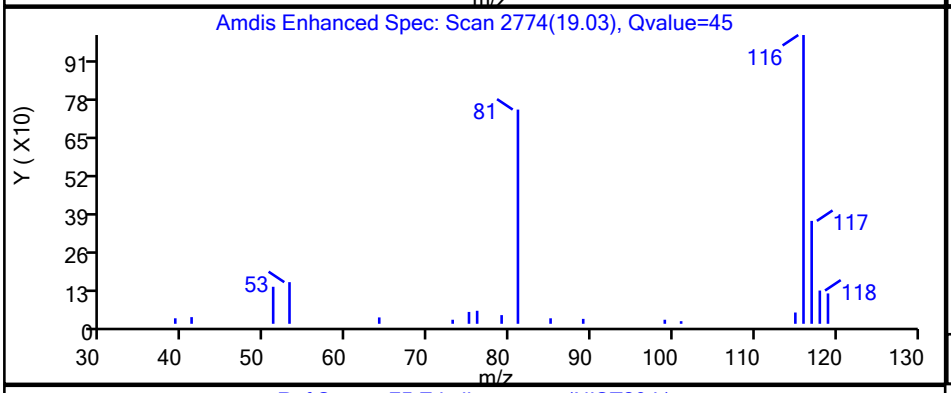
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250210-63946.b\63946_011.D				
Injection Date:	10-Feb-2025 16:11:27	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-6	Lab Sample ID:	200-76917-6		
Client ID:	34000083				
Operator ID:	vtp	ALS Bottle#:	11	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

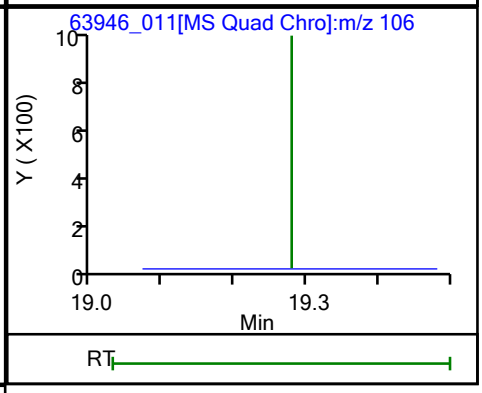
75 Ethylbenzene, CAS: 100-41-4

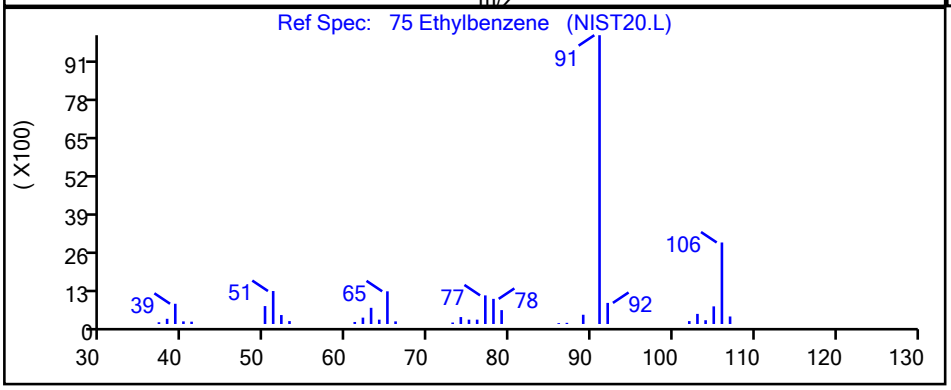
Processing Results











RT	Mass	Response	Amount
19.03	91.00	2023	0.015171
19.28	106.00	0	

Reviewer: YWL8, 11-Feb-2025 08:57:42 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 3205 Lab Sample ID: 200-76917-7

Matrix: Air Lab File ID: 63962_006.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 11:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 3205 Lab Sample ID: 200-76917-7

Matrix: Air Lab File ID: 63962_006.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 11:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 3205 Lab Sample ID: 200-76917-7

Matrix: Air Lab File ID: 63962_006.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 11:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_006.D
Lims ID: 200-76917-A-7
Client ID: 3205
Sample Type: Client
Inject. Date: 11-Feb-2025 11:46:34 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063962-006
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Feb-2025 08:56:56 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: YWL8 Date: 12-Feb-2025 08:56:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.278				ND	7
2 Dichlorodifluoromethane	85		4.374				ND	
3 Chlorodifluoromethane	51		4.428				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
5 Chloromethane	50		4.877				ND	7
7 Butane	43		5.182				ND	7
6 Vinyl chloride	62		5.182				ND	
8 Butadiene	54		5.295				ND	
9 Bromomethane	94		6.049				ND	
10 Chloroethane	64		6.327				ND	
13 Vinyl bromide	106		6.755				ND	
14 Trichlorofluoromethane	101		6.921				ND	
16 Ethanol	45		7.327				ND	
20 1,1-Dichloroethene	96		8.007				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
22 Acetone	43		8.098				ND	7
23 Isopropyl alcohol	45		8.403				ND	
24 Carbon disulfide	76	8.408	8.413	-0.005	99	4263	0.0305	
26 3-Chloro-1-propene	41		8.718				ND	7
27 Methylene Chloride	49	8.954	8.954	-0.005	94	1077	0.0183	7M
28 2-Methyl-2-propanol	59		9.189				ND	
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57		9.970				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
33 1,1-Dichloroethane	63		10.243				ND	
34 Vinyl acetate	43		10.254				ND	
36 2-Butanone (MEK)	72		11.233				ND	
37 cis-1,2-Dichloroethene	96		11.260				ND	
38 Ethyl acetate	88		11.308				ND	
* 39 Chlorobromomethane	128	11.671	11.671	0.000	96	310703	10.0	
40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.431				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1530670	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.560				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	7
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.332				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.888				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	92	1366911	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	
	76 m-Xylene & p-Xylene	106		19.536				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.499				ND	7
	85 N-Propylbenzene	91		21.681				ND	7
	86 2-Chlorotoluene	91		21.825				ND	7
	87 4-Ethyltoluene	105		21.874				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.762				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	7
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	7
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	7
	99 1,2-Dichlorobenzene	146		23.580				ND	7
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

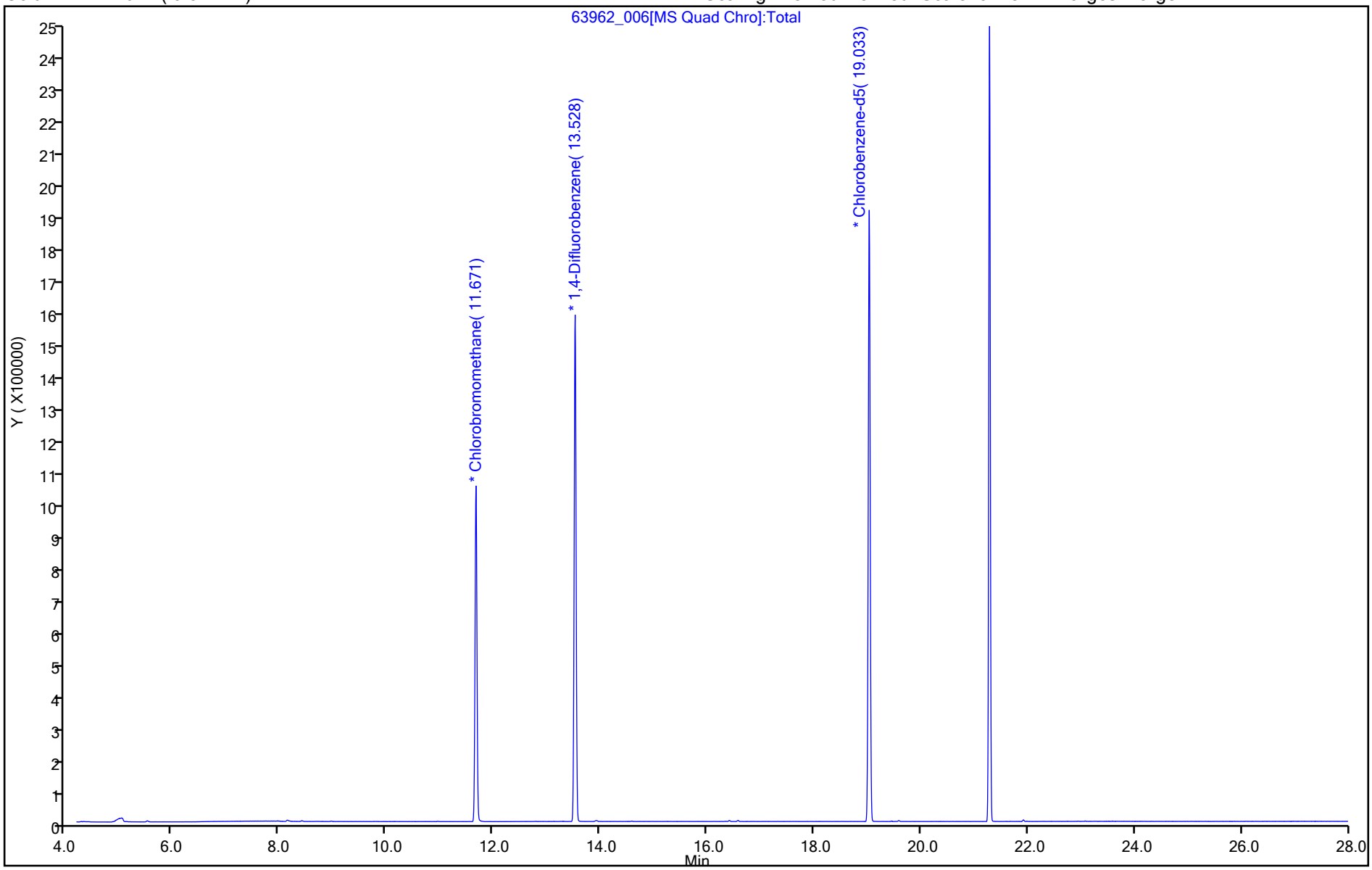
Report Date: 12-Feb-2025 08:56:56 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_006.D

Injection Date:	11-Feb-2025 11:46:34	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-7	Lab Sample ID:	200-76917-7	Worklist Smp#:	6
Client ID:	3205				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	6
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

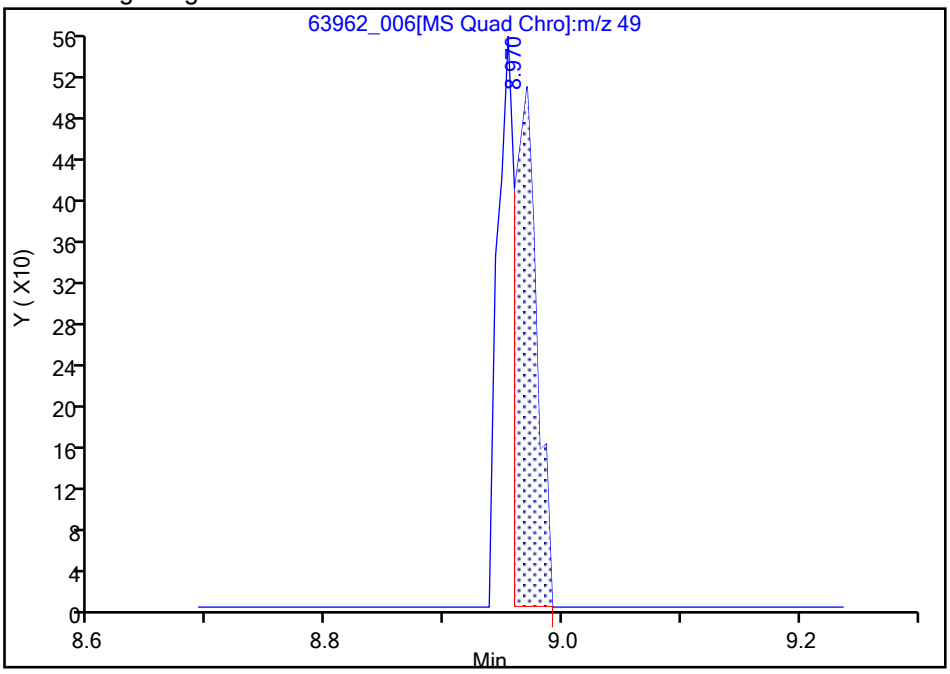
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_006.D				
Injection Date:	11-Feb-2025 11:46:34	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-7	Lab Sample ID:	200-76917-7		
Client ID:	3205				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

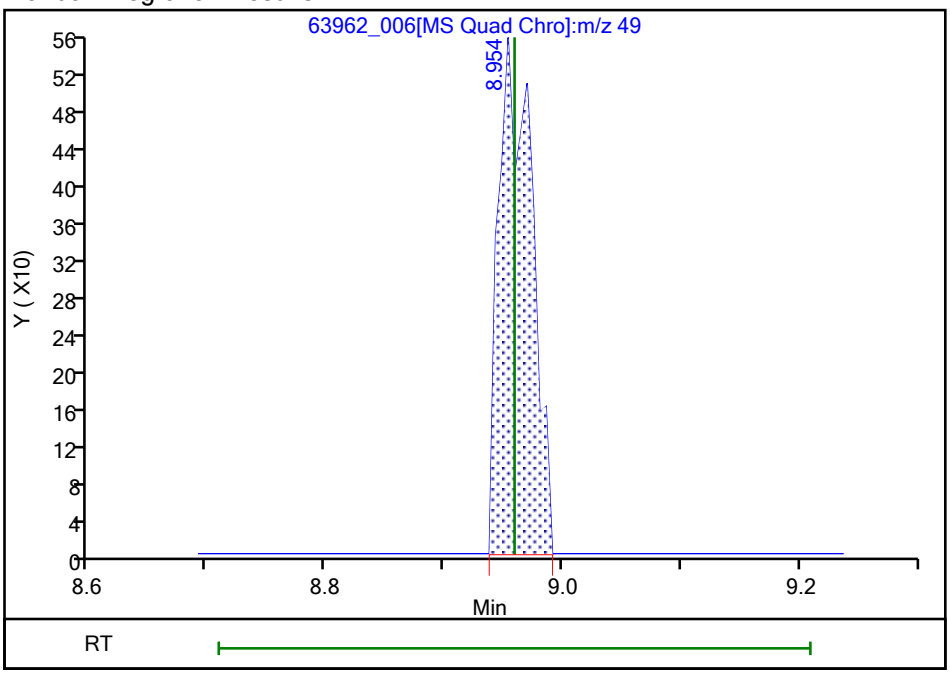
Processing Integration Results

RT: 8.97
Area: 656
Amount: 0.011139
Amount Units: ppb v/v



Manual Integration Results

RT: 8.95
Area: 1077
Amount: 0.018288
Amount Units: ppb v/v



Reviewer: YWL8, 12-Feb-2025 08:56:26 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2694 Lab Sample ID: 200-76917-8

Matrix: Air Lab File ID: 63947_010.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 14:33

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213496 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U *+	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *+	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2694 | Lab Sample ID: 200-76917-8

Matrix: Air | Lab File ID: 63947_010.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/10/2025 14:33

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213496 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2694 Lab Sample ID: 200-76917-8

Matrix: Air Lab File ID: 63947_010.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 14:33

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213496 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\63947_010.D
Lims ID: 200-76917-A-8
Client ID: 2694
Sample Type: Client
Inject. Date: 10-Feb-2025 14:33:01 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063947-010
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 09:39:33 Calib Date: 22-Jan-2025 07:32:45
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250121-63758.b\63758_020.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 09:39:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	4.358	4.348	0.010	85	8597	0.1248	
2 Dichlorodifluoromethane	85		4.449				ND	
3 Chlorodifluoromethane	51		4.492				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
5 Chloromethane	50	4.925	4.926	-0.001	98	6974	0.0978	
6 Vinyl chloride	62		5.220				ND	
7 Butane	43	5.236	5.225	0.011	98	15241	0.1395	
8 Butadiene	54		5.337				ND	7
9 Bromomethane	94		6.060				ND	
10 Chloroethane	64		6.327				ND	7
13 Vinyl bromide	106		6.750				ND	
14 Trichlorofluoromethane	101		6.916				ND	
16 Ethanol	45		7.258				ND	7
20 1,1-Dichloroethene	96		7.964				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.012				ND	
22 Acetone	43	8.044	8.023	0.021	99	124416	1.24	
23 Isopropyl alcohol	45		8.307				ND	7
24 Carbon disulfide	76		8.371				ND	7
26 3-Chloro-1-propene	41		8.654				ND	7
27 Methylene Chloride	49		8.879				ND	7
28 2-Methyl-2-propanol	59		9.072				ND	7
30 trans-1,2-Dichloroethene	61		9.382				ND	7
31 Methyl tert-butyl ether	73		9.387				ND	
32 Hexane	57	9.906	9.901	0.005	94	5798	0.0567	
33 1,1-Dichloroethane	63		10.142				ND	
34 Vinyl acetate	43		10.147				ND	7
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
36 2-Butanone (MEK)	72	11.126	11.089	0.032	98	5141	0.1630	
37 cis-1,2-Dichloroethene	96		11.131				ND	7
38 Ethyl acetate	88		11.179				ND	
* 39 Chlorobromomethane	128	11.532	11.538	-0.006	91	520622	10.0	
40 Tetrahydrofuran	42		11.581				ND	7

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.714				ND	
	42 1,1,1-Trichloroethane	97		12.030				ND	
	43 Cyclohexane	84		12.180				ND	
	44 Carbon tetrachloride	117		12.314				ND	
	45 Benzene	78	12.645	12.645	-0.006	95	3029	0.0153	M
	46 1,2-Dichloroethane	62		12.715				ND	
	47 Isooctane	57		12.881				ND	
	48 n-Heptane	43	13.185	13.186	-0.001	93	7649	0.0571	
*	49 1,4-Difluorobenzene	114	13.378	13.378	0.000	98	2673352	10.0	
	51 Trichloroethene	95		13.817				ND	
	53 1,2-Dichloropropane	63		14.261				ND	
	54 Methyl methacrylate	69		14.352				ND	
	55 1,4-Dioxane	88		14.384				ND	
	57 Dibromomethane	174		14.416				ND	7
	58 Dichlorobromomethane	83		14.726				ND	
	59 cis-1,3-Dichloropropene	75		15.529				ND	7
	61 4-Methyl-2-pentanone (MIBK)	43		15.786				ND	7
	62 Toluene	92		16.176				ND	7
	66 trans-1,3-Dichloropropene	75		16.577				ND	7
	67 1,1,2-Trichloroethane	83		16.952				ND	
	68 Tetrachloroethene	166		17.171				ND	
	69 2-Hexanone	43		17.358				ND	7
	70 Chlorodibromomethane	129		17.690				ND	
	71 Ethylene Dibromide	107		17.931				ND	7
*	73 Chlorobenzene-d5	117	18.845	18.846	-0.001	94	2261583	10.0	
	74 Chlorobenzene	112		18.905				ND	7
	75 Ethylbenzene	91		19.102				ND	7
	76 m-Xylene & p-Xylene	106		19.365				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.135				ND	
	79 Styrene	104		20.167				ND	
	81 Bromoform	173		20.499				ND	
	82 Isopropylbenzene	105		20.825				ND	7
	83 1,1,2,2-Tetrachloroethane	83		21.323				ND	7
	85 N-Propylbenzene	91		21.537				ND	7
	86 2-Chlorotoluene	91		21.681				ND	7
	87 4-Ethyltoluene	105		21.729				ND	7
	88 1,3,5-Trimethylbenzene	105		21.825				ND	7
	91 tert-Butylbenzene	119		22.307				ND	7
	92 1,2,4-Trimethylbenzene	105		22.393				ND	7
	93 sec-Butylbenzene	105		22.628				ND	7
	94 1,3-Dichlorobenzene	146	22.804	22.804	0.005	1	1123	0.007537	7Ma
	95 4-Isopropyltoluene	119		22.842				ND	7
	96 1,4-Dichlorobenzene	146		22.938				ND	7
	97 Benzyl chloride	91		23.077				ND	7
	98 n-Butylbenzene	91		23.398				ND	7
	99 1,2-Dichlorobenzene	146		23.425				ND	7
	102 1,2,4-Trichlorobenzene	180		25.870				ND	7
	103 Hexachlorobutadiene	225		26.127				ND	7
	104 Naphthalene	128		26.346				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

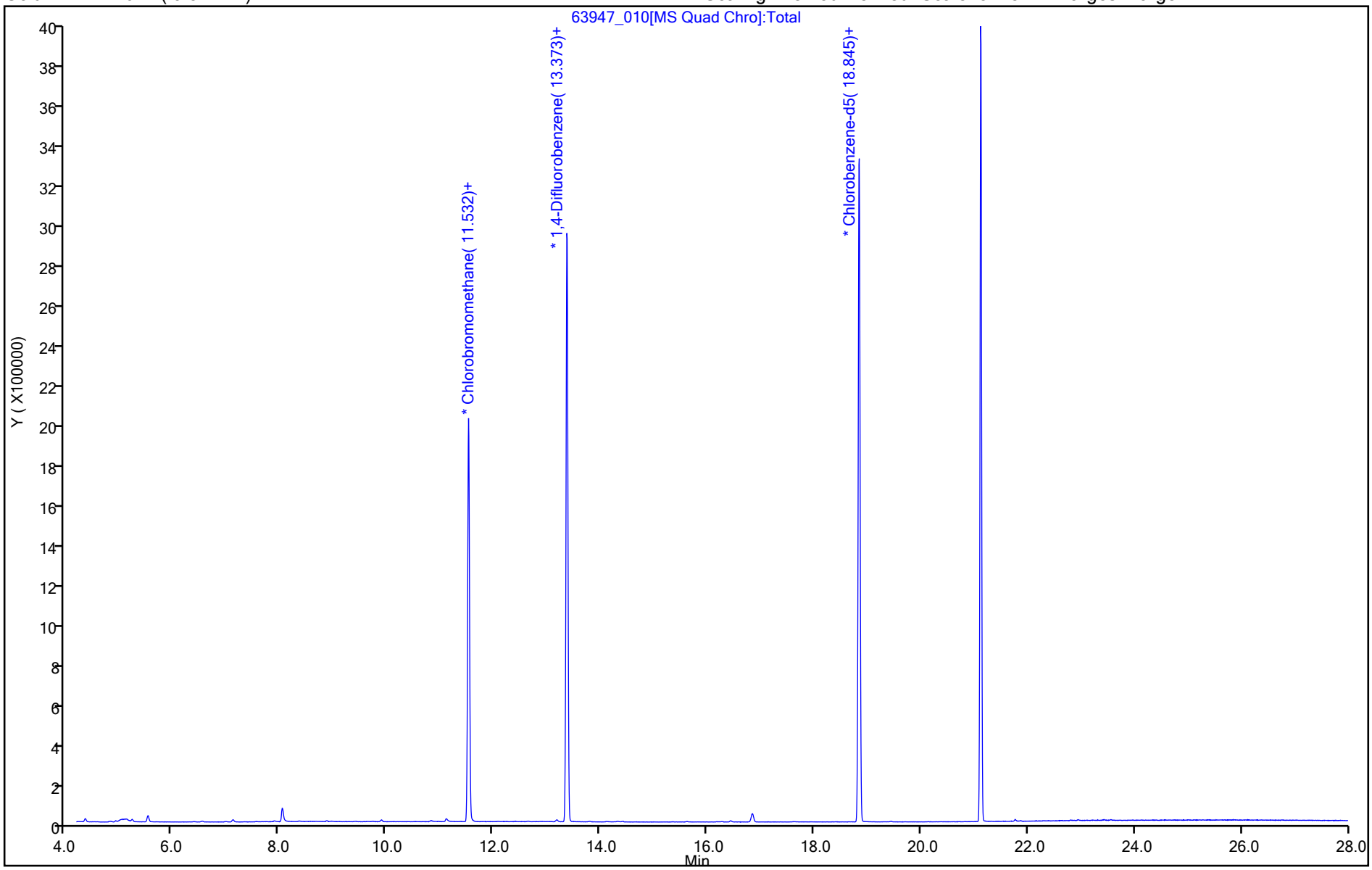
Report Date: 11-Feb-2025 09:39:33 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\63947_010.D

Injection Date:	10-Feb-2025 14:33:01	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76917-A-8	Lab Sample ID:	200-76917-8	Worklist Smp#:	10
Client ID:	2694				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	10
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



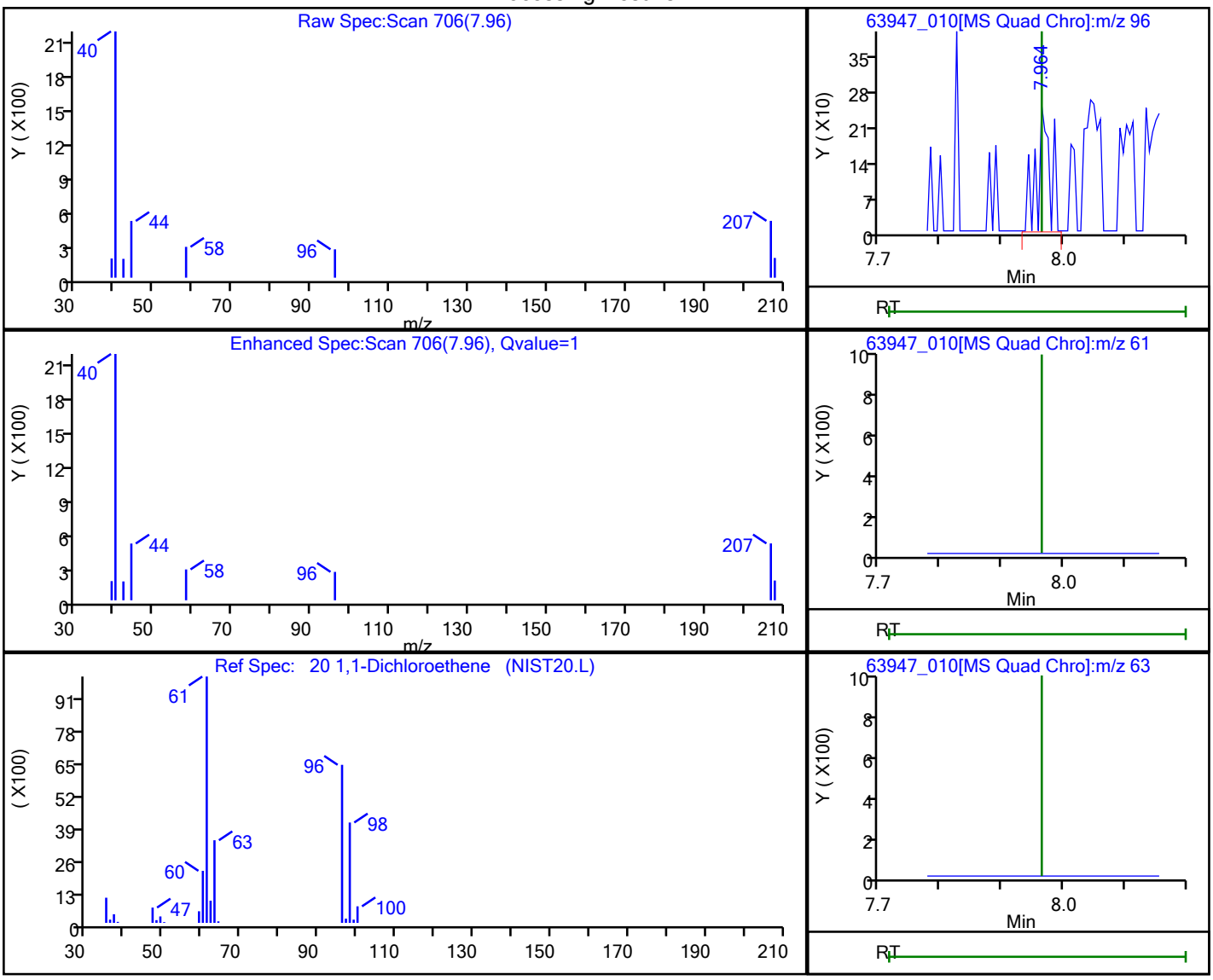
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\63947_010.D				
Injection Date:	10-Feb-2025 14:33:01	Instrument ID:	CHAN.i		
Lims ID:	200-76917-A-8	Lab Sample ID:	200-76917-8		
Client ID:	2694				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.96	96.00	378	0.006692
7.96	61.00	0	
7.96	63.00	0	

Reviewer: YWL8, 11-Feb-2025 09:38:23 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

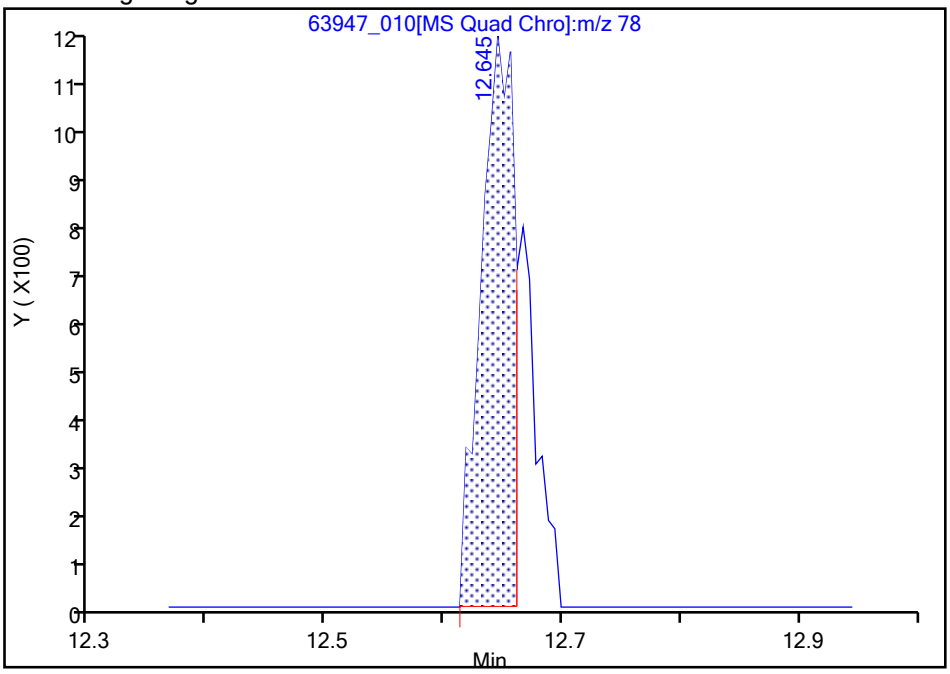
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\63947_010.D				
Injection Date:	10-Feb-2025 14:33:01	Instrument ID:	CHAN.i		
Lims ID:	200-76917-A-8	Lab Sample ID:	200-76917-8		
Client ID:	2694				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Benzene, CAS: 71-43-2

Signal: 1

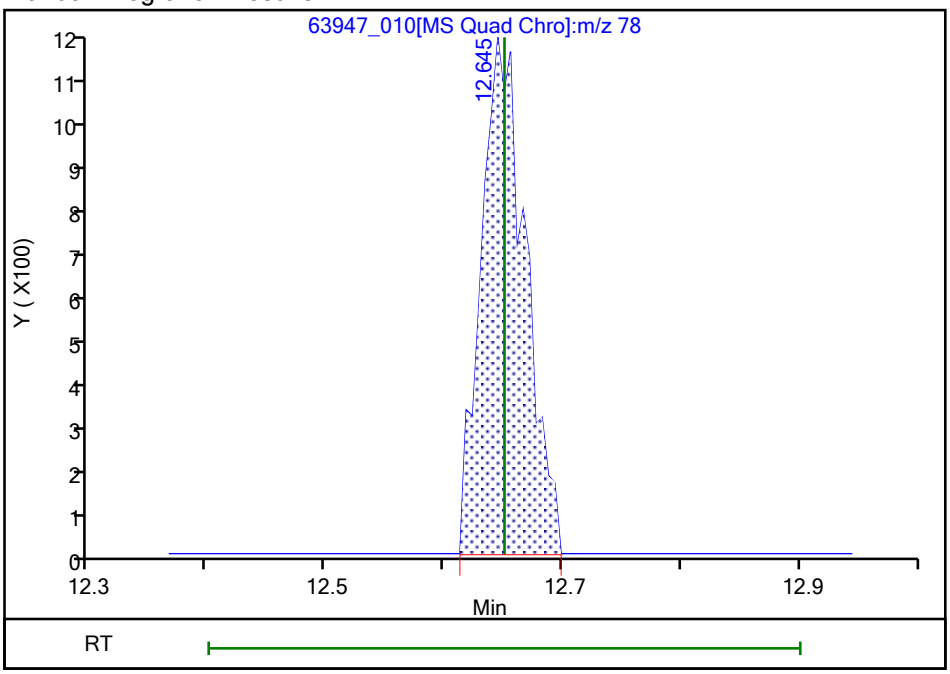
Processing Integration Results

RT: 12.65
Area: 2265
Amount: 0.011464
Amount Units: ppb v/v



Manual Integration Results

RT: 12.65
Area: 3029
Amount: 0.015331
Amount Units: ppb v/v



Reviewer: YWL8, 11-Feb-2025 09:38:44 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

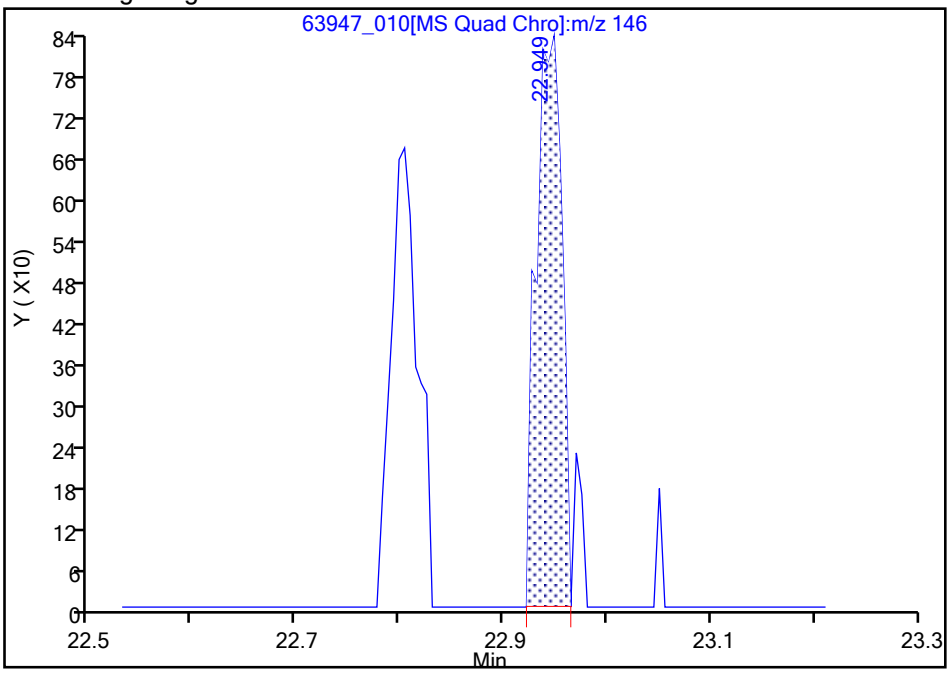
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\63947_010.D				
Injection Date:	10-Feb-2025 14:33:01	Instrument ID:	CHAN.i		
Lims ID:	200-76917-A-8	Lab Sample ID:	200-76917-8		
Client ID:	2694				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

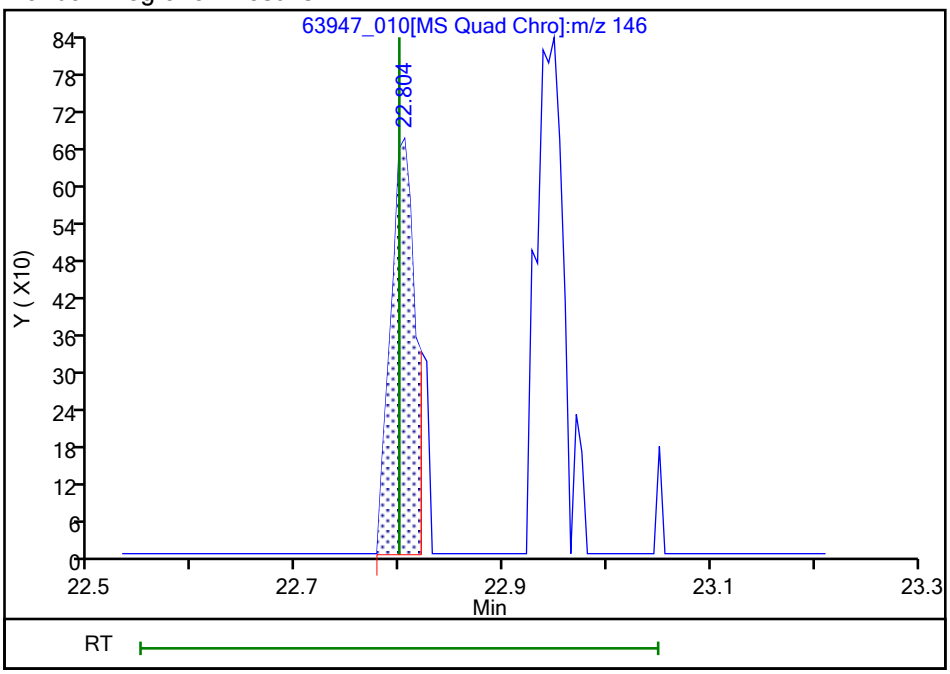
Processing Integration Results

RT: 22.95
Area: 1442
Amount: 0.009677
Amount Units: ppb v/v



Manual Integration Results

RT: 22.80
Area: 1123
Amount: 0.007537
Amount Units: ppb v/v



Reviewer: YWL8, 11-Feb-2025 09:39:19 07:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 5406 Lab Sample ID: 200-76917-9

Matrix: Air Lab File ID: 63947_011.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 15:33

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213496 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U *+	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U *+	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 5406 Lab Sample ID: 200-76917-9

Matrix: Air Lab File ID: 63947_011.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 15:33

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213496 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 5406 Lab Sample ID: 200-76917-9

Matrix: Air Lab File ID: 63947_011.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/10/2025 15:33

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213496 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\63947_011.D
Lims ID: 200-76917-A-9
Client ID: 5406
Sample Type: Client
Inject. Date: 10-Feb-2025 15:33:23 ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063947-011
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 09:39:33 Calib Date: 22-Jan-2025 07:32:45
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250121-63758.b\63758_020.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: YWL8 Date: 11-Feb-2025 09:41:32

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.348				ND	7
	2 Dichlorodifluoromethane	85		4.449				ND	
	3 Chlorodifluoromethane	51		4.492				ND	7
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
	5 Chloromethane	50		4.926				ND	7
	6 Vinyl chloride	62		5.220				ND	
	7 Butane	43		5.225				ND	7
	8 Butadiene	54		5.337				ND	7
	9 Bromomethane	94		6.060				ND	
	10 Chloroethane	64		6.327				ND	
	13 Vinyl bromide	106		6.750				ND	
	14 Trichlorofluoromethane	101		6.916				ND	
	16 Ethanol	45		7.258				ND	
	20 1,1-Dichloroethene	96		7.964				ND	7
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.012				ND	
	22 Acetone	43		8.023				ND	7
	23 Isopropyl alcohol	45		8.307				ND	7
	24 Carbon disulfide	76		8.371				ND	7
	26 3-Chloro-1-propene	41		8.654				ND	7
	27 Methylene Chloride	49		8.879				ND	7
	28 2-Methyl-2-propanol	59		9.072				ND	
	30 trans-1,2-Dichloroethene	61		9.382				ND	
	31 Methyl tert-butyl ether	73		9.387				ND	
	32 Hexane	57		9.901				ND	
	33 1,1-Dichloroethane	63		10.142				ND	
	34 Vinyl acetate	43		10.147				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.094				ND	7
	37 cis-1,2-Dichloroethene	96		11.131				ND	7
	38 Ethyl acetate	88	11.206	11.174	0.027	98	874	0.2156	
*	39 Chlorobromomethane	128	11.532	11.538	-0.006	90	416329	10.0	
	40 Tetrahydrofuran	42		11.581				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.714				ND	
	42 1,1,1-Trichloroethane	97		12.030				ND	
	43 Cyclohexane	84		12.180				ND	
	44 Carbon tetrachloride	117		12.314				ND	
	45 Benzene	78		12.651				ND	7
	46 1,2-Dichloroethane	62		12.715				ND	
	47 Isooctane	57		12.881				ND	
	48 n-Heptane	43		13.186				ND	7
*	49 1,4-Difluorobenzene	114	13.378	13.378	0.000	99	2171439	10.0	
	51 Trichloroethene	95		13.817				ND	
	53 1,2-Dichloropropane	63		14.261				ND	
	54 Methyl methacrylate	69		14.352				ND	
	55 1,4-Dioxane	88		14.384				ND	
	57 Dibromomethane	174	14.421	14.416	0.005	81	724	0.0148	
	58 Dichlorobromomethane	83		14.726				ND	
	59 cis-1,3-Dichloropropene	75		15.529				ND	7
	61 4-Methyl-2-pentanone (MIBK)	43		15.786				ND	
	62 Toluene	92		16.176				ND	7
	66 trans-1,3-Dichloropropene	75		16.577				ND	7
	67 1,1,2-Trichloroethane	83		16.952				ND	
	68 Tetrachloroethene	166		17.171				ND	
	69 2-Hexanone	43		17.358				ND	
	70 Chlorodibromomethane	129		17.690				ND	
	71 Ethylene Dibromide	107		17.931				ND	7
*	73 Chlorobenzene-d5	117	18.846	18.846	0.000	94	1814055	10.0	
	74 Chlorobenzene	112		18.905				ND	7
	75 Ethylbenzene	91		19.102				ND	7
	76 m-Xylene & p-Xylene	106		19.365				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.135				ND	
	79 Styrene	104		20.167				ND	7
	81 Bromoform	173		20.499				ND	
	82 Isopropylbenzene	105		20.825				ND	7
	83 1,1,2,2-Tetrachloroethane	83		21.323				ND	7
	85 N-Propylbenzene	91		21.537				ND	7
	86 2-Chlorotoluene	91		21.681				ND	7
	87 4-Ethyltoluene	105		21.729				ND	7
	88 1,3,5-Trimethylbenzene	105		21.825				ND	7
	91 tert-Butylbenzene	119		22.307				ND	
	92 1,2,4-Trimethylbenzene	105		22.393				ND	7
	93 sec-Butylbenzene	105		22.628				ND	7
	94 1,3-Dichlorobenzene	146		22.799				ND	7
	95 4-Isopropyltoluene	119		22.842				ND	7
	96 1,4-Dichlorobenzene	146	22.944	22.938	0.006	92	1173	0.009817	
	97 Benzyl chloride	91		23.077				ND	7
	98 n-Butylbenzene	91		23.398				ND	7
	99 1,2-Dichlorobenzene	146		23.425				ND	7
	102 1,2,4-Trichlorobenzene	180		25.870				ND	7
	103 Hexachlorobutadiene	225		26.127				ND	7
	104 Naphthalene	128		26.346				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15ClSs_00012 Amount Added: 20.00 Units: mL Run Reagent

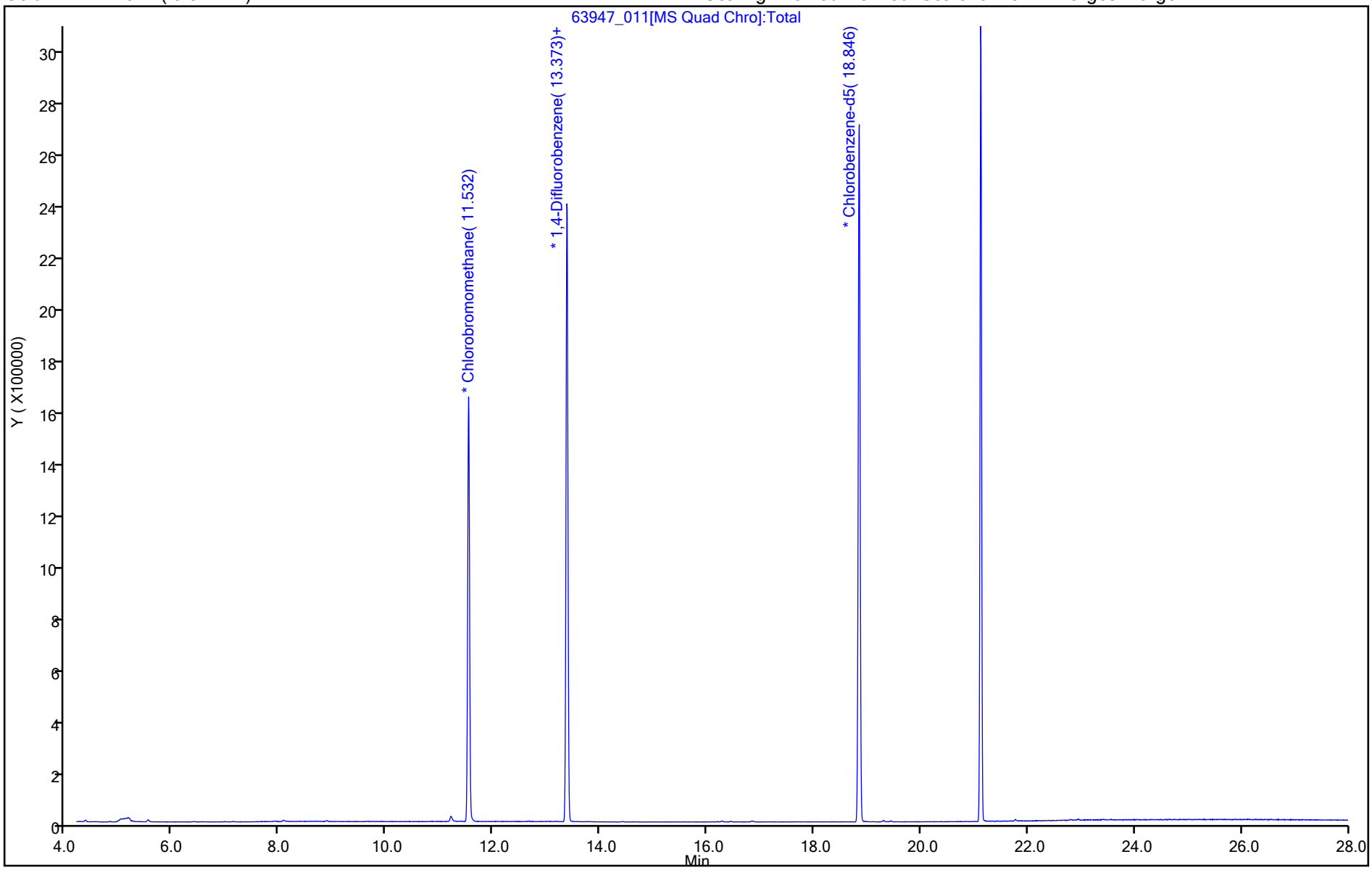
Report Date: 11-Feb-2025 09:41:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250210-63947.b\63947_011.D

Injection Date:	10-Feb-2025 15:33:23	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76917-A-9	Lab Sample ID:	200-76917-9	Worklist Smp#:	11
Client ID:	5406				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	11
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 27027 | Lab Sample ID: 200-76917-10

Matrix: Air | Lab File ID: 63962_007.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/11/2025 12:48

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213533 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 27027 Lab Sample ID: 200-76917-10

Matrix: Air Lab File ID: 63962_007.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 12:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 27027 Lab Sample ID: 200-76917-10

Matrix: Air Lab File ID: 63962_007.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 12:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_007.D
Lims ID: 200-76917-A-10
Client ID: 27027
Sample Type: Client
Inject. Date: 11-Feb-2025 12:48:18 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063962-007
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Feb-2025 08:58:37 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: YWL8 Date: 12-Feb-2025 08:58:37

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.278				ND	7
	2 Dichlorodifluoromethane	85		4.374				ND	
	3 Chlorodifluoromethane	51		4.428				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
	5 Chloromethane	50		4.877				ND	7
	7 Butane	43		5.182				ND	7
	6 Vinyl chloride	62		5.182				ND	
	8 Butadiene	54		5.295				ND	
	9 Bromomethane	94		6.049				ND	
	10 Chloroethane	64		6.327				ND	
	13 Vinyl bromide	106		6.755				ND	
	14 Trichlorofluoromethane	101		6.921				ND	
	16 Ethanol	45		7.327				ND	
	20 1,1-Dichloroethene	96		8.007				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
	22 Acetone	43		8.098				ND	7
	23 Isopropyl alcohol	45		8.403				ND	
	24 Carbon disulfide	76		8.413				ND	7
	26 3-Chloro-1-propene	41		8.718				ND	7
	27 Methylene Chloride	49		8.959				ND	7
	28 2-Methyl-2-propanol	59		9.189				ND	
	30 trans-1,2-Dichloroethene	61		9.457				ND	
	31 Methyl tert-butyl ether	73		9.462				ND	
	32 Hexane	57		9.970				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.243				ND	
	34 Vinyl acetate	43		10.254				ND	
	36 2-Butanone (MEK)	72		11.233				ND	
	37 cis-1,2-Dichloroethene	96		11.260				ND	
	38 Ethyl acetate	88		11.308				ND	
*	39 Chlorobromomethane	128	11.672	11.671	0.001	95	310290	10.0	
	40 Tetrahydrofuran	42		11.709				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Chloroform	83		11.853				ND	
42 1,1,1-Trichloroethane	97		12.153				ND	
43 Cyclohexane	84		12.281				ND	
44 Carbon tetrachloride	117		12.431				ND	
45 Benzene	78		12.784				ND	7
46 1,2-Dichloroethane	62		12.870				ND	
47 Isooctane	57		12.993				ND	
48 n-Heptane	43		13.298				ND	7
* 49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1532450	10.0	
51 Trichloroethene	95		13.961				ND	
53 1,2-Dichloropropane	63		14.427				ND	
54 Methyl methacrylate	69		14.512				ND	
55 1,4-Dioxane	88		14.560				ND	
57 Dibromomethane	174		14.587				ND	7
58 Dichlorobromomethane	83		14.903				ND	
59 cis-1,3-Dichloropropene	75		15.705				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
62 Toluene	92		16.342				ND	
66 trans-1,3-Dichloropropene	75		16.770				ND	
67 1,1,2-Trichloroethane	83		17.144				ND	
68 Tetrachloroethene	166		17.332				ND	
69 2-Hexanone	43		17.556				ND	
70 Chlorodibromomethane	129		17.888				ND	
71 Ethylene Dibromide	107		18.123				ND	
* 73 Chlorobenzene-d5	117	19.033	19.033	0.000	92	1367937	10.0	
74 Chlorobenzene	112		19.092				ND	
75 Ethylbenzene	91		19.279				ND	MU
76 m-Xylene & p-Xylene	106		19.536				ND	
S 80 Xylenes, Total	106		20.100				ND	7
78 o-Xylene	106		20.311				ND	
79 Styrene	104		20.343				ND	
81 Bromoform	173		20.686				ND	
82 Isopropylbenzene	105		20.980				ND	
83 1,1,2,2-Tetrachloroethane	83		21.499				ND	7
85 N-Propylbenzene	91		21.681				ND	
86 2-Chlorotoluene	91		21.825				ND	
87 4-Ethyltoluene	105		21.874				ND	
88 1,3,5-Trimethylbenzene	105		21.964				ND	
91 tert-Butylbenzene	119		22.441				ND	
92 1,2,4-Trimethylbenzene	105		22.526				ND	
93 sec-Butylbenzene	105		22.762				ND	
94 1,3-Dichlorobenzene	146		22.938				ND	7
95 4-Isopropyltoluene	119		22.970				ND	
96 1,4-Dichlorobenzene	146		23.077				ND	7
97 Benzyl chloride	91		23.227				ND	
98 n-Butylbenzene	91		23.532				ND	
99 1,2-Dichlorobenzene	146		23.580				ND	
102 1,2,4-Trichlorobenzene	180		26.073				ND	
103 Hexachlorobutadiene	225		26.319				ND	
104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

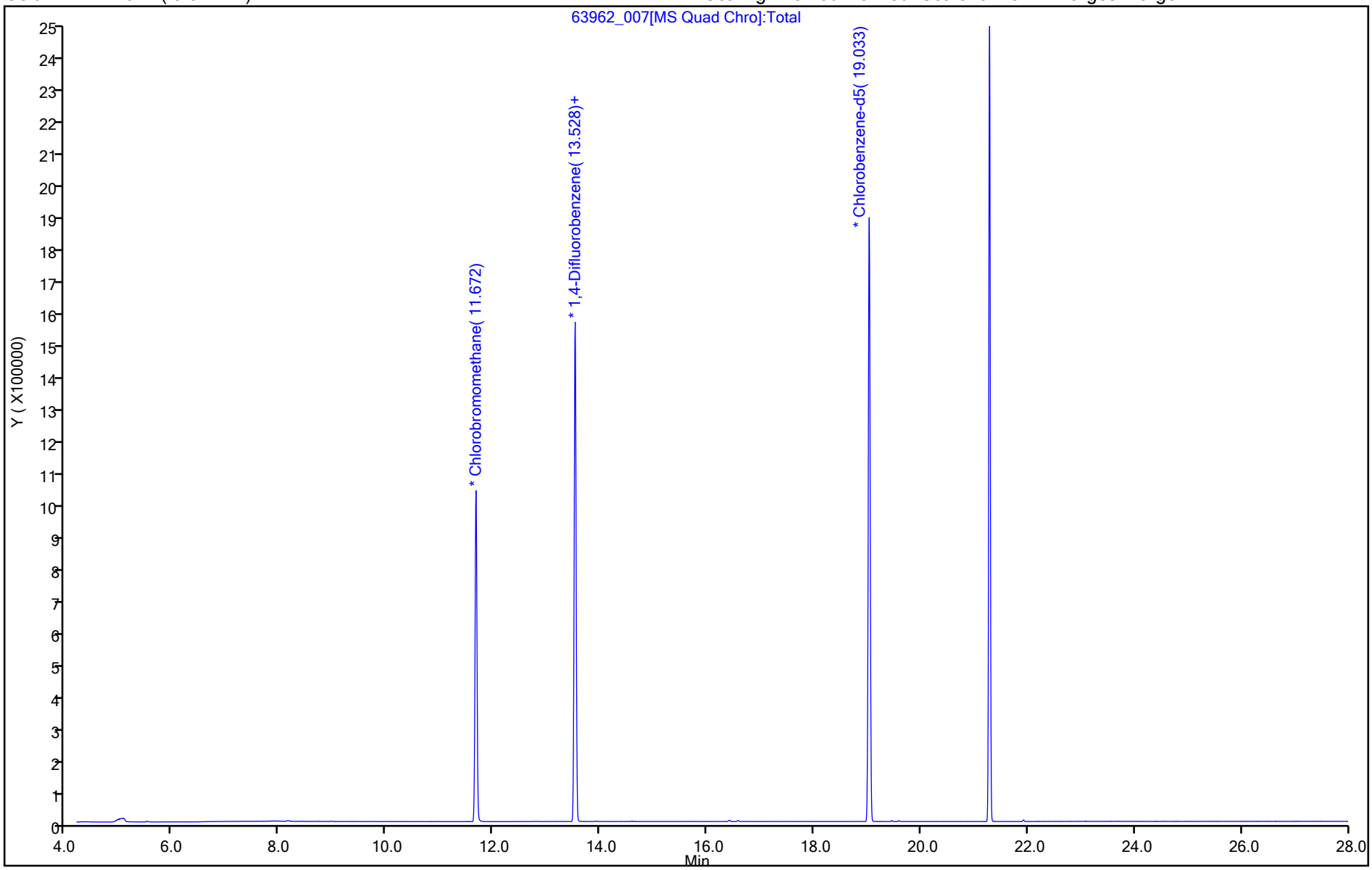
Report Date: 12-Feb-2025 08:58:37 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_007.D

Injection Date:	11-Feb-2025 12:48:18	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-10	Lab Sample ID:	200-76917-10	Worklist Smp#:	7
Client ID:	27027				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	7
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



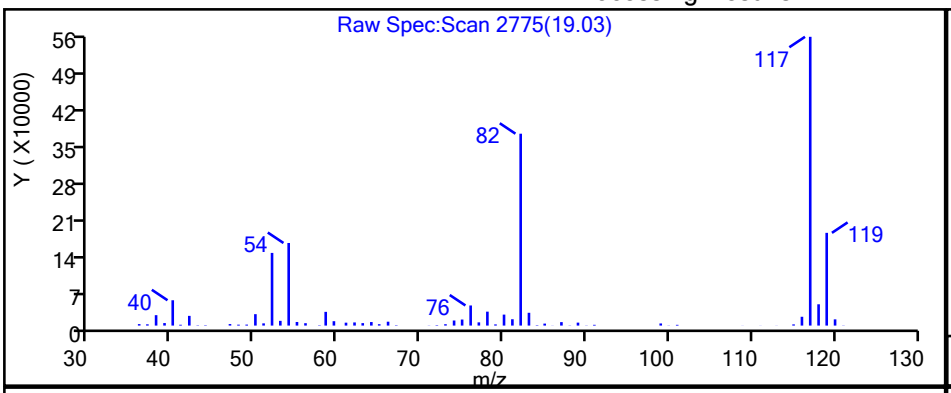
User Disabled Compound Report

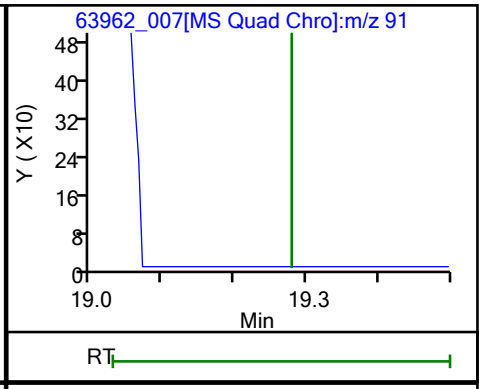
Eurofins Burlington

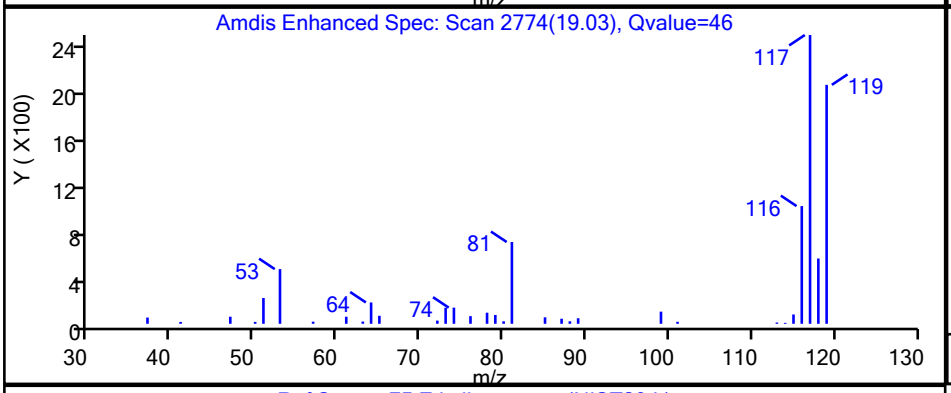
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_007.D				
Injection Date:	11-Feb-2025 12:48:18	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-10	Lab Sample ID:	200-76917-10		
Client ID:	27027				
Operator ID:	vtp	ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

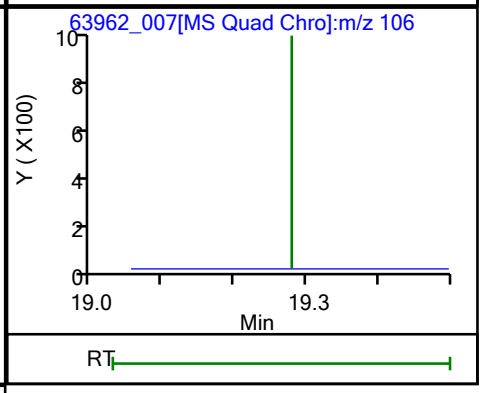
75 Ethylbenzene, CAS: 100-41-4

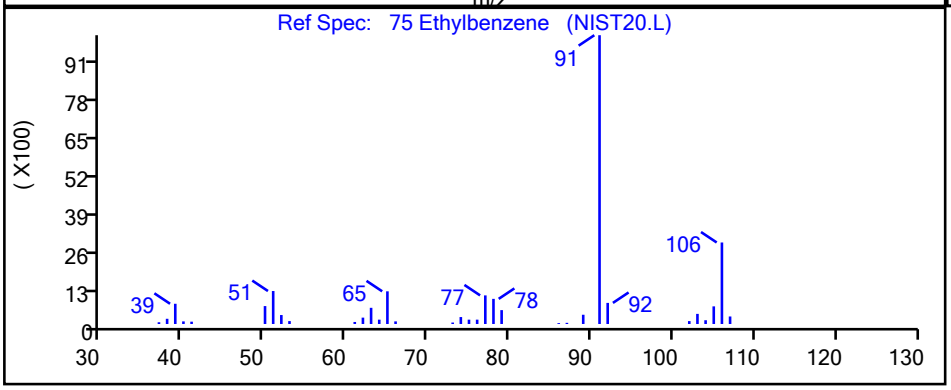
Processing Results











RT	Mass	Response	Amount
19.03	91.00	3347	0.015123
19.28	106.00	0	

Reviewer: YWL8, 12-Feb-2025 08:58:27 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2911 | Lab Sample ID: 200-76917-11

Matrix: Air | Lab File ID: 63962_008.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/11/2025 13:50

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213533 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2911 Lab Sample ID: 200-76917-11

Matrix: Air Lab File ID: 63962_008.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 13:50

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 2911 Lab Sample ID: 200-76917-11

Matrix: Air Lab File ID: 63962_008.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 13:50

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_008.D
Lims ID: 200-76917-A-11
Client ID: 2911
Sample Type: Client
Inject. Date: 11-Feb-2025 13:50:20 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063962-008
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Feb-2025 09:00:18 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: YWL8 Date: 12-Feb-2025 09:00:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.278				ND	7
2 Dichlorodifluoromethane	85		4.374				ND	
3 Chlorodifluoromethane	51		4.428				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
5 Chloromethane	50		4.877				ND	7
7 Butane	43		5.182				ND	7
6 Vinyl chloride	62		5.182				ND	
8 Butadiene	54		5.295				ND	
9 Bromomethane	94		6.049				ND	
10 Chloroethane	64		6.327				ND	
13 Vinyl bromide	106		6.755				ND	
14 Trichlorofluoromethane	101		6.921				ND	
16 Ethanol	45		7.327				ND	
20 1,1-Dichloroethene	96		8.007				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
22 Acetone	43		8.098				ND	7
23 Isopropyl alcohol	45		8.403				ND	
24 Carbon disulfide	76		8.413				ND	7
26 3-Chloro-1-propene	41		8.718				ND	7
27 Methylene Chloride	49		8.959				ND	7
28 2-Methyl-2-propanol	59		9.189				ND	
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57		9.970				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
33 1,1-Dichloroethane	63		10.243				ND	
34 Vinyl acetate	43		10.254				ND	
36 2-Butanone (MEK)	72		11.233				ND	
37 cis-1,2-Dichloroethene	96		11.260				ND	
38 Ethyl acetate	88		11.308				ND	
* 39 Chlorobromomethane	128	11.671	11.671	0.000	96	306754	10.0	
40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.431				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1508289	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.560				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.332				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.888				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	92	1352633	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	MU
	76 m-Xylene & p-Xylene	106		19.536				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.499				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.825				ND	
	87 4-Ethyltoluene	105		21.874				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.762				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	7
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	7
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

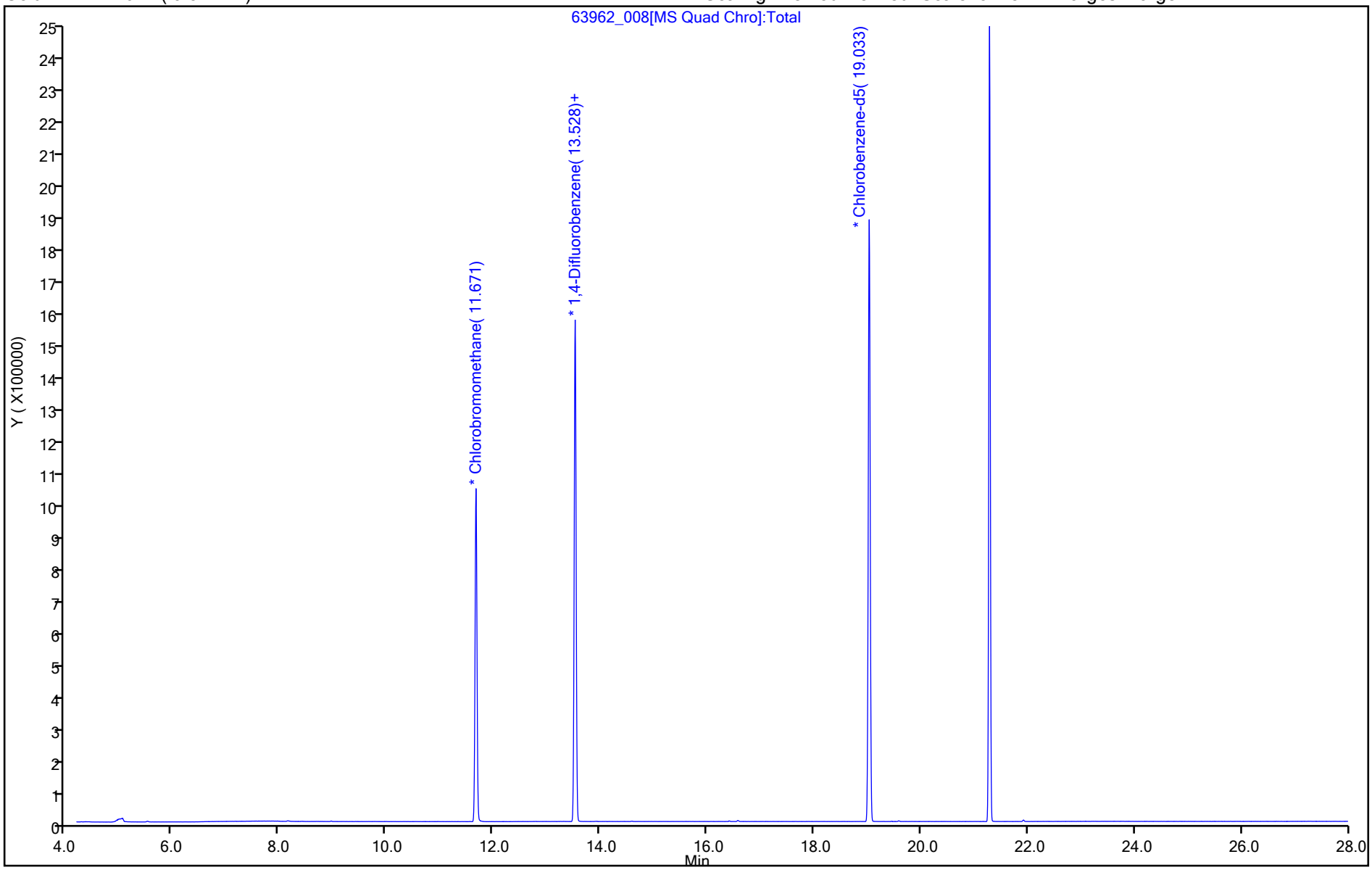
Report Date: 12-Feb-2025 09:00:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_008.D

Injection Date:	11-Feb-2025 13:50:20	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-11	Lab Sample ID:	200-76917-11	Worklist Smp#:	8
Client ID:	2911				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	8
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



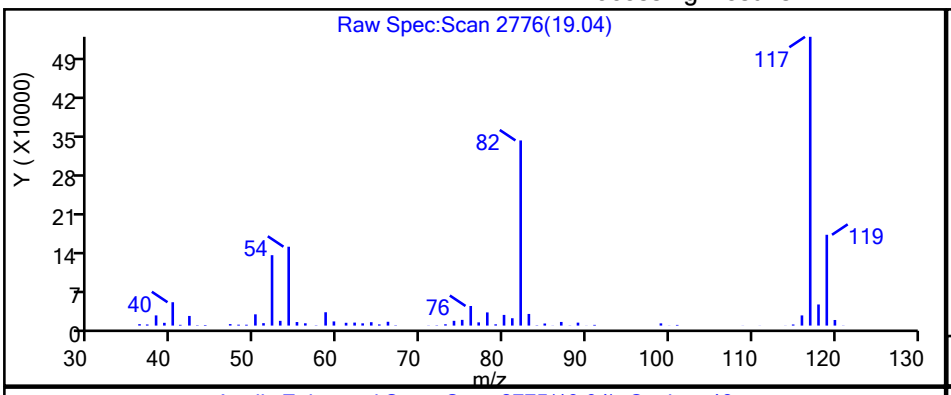
User Disabled Compound Report

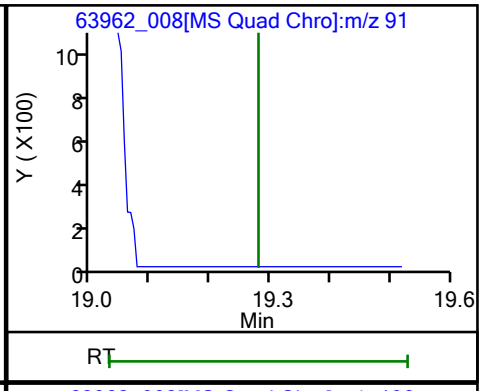
Eurofins Burlington

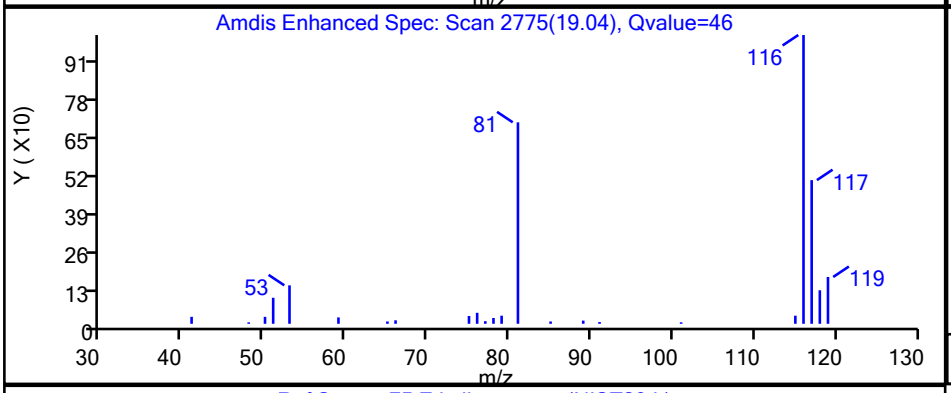
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_008.D				
Injection Date:	11-Feb-2025 13:50:20	Instrument ID:	CHAM.i		
Lims ID:	200-76917-A-11	Lab Sample ID:	200-76917-11		
Client ID:	2911				
Operator ID:	vtp	ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

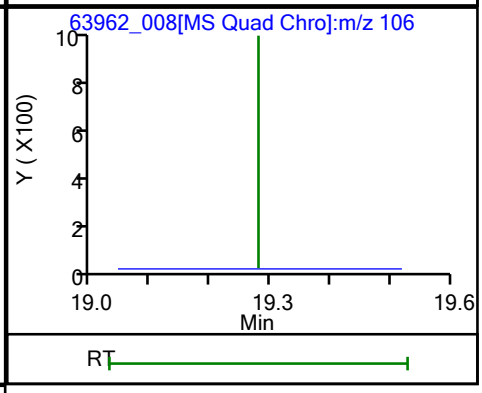
75 Ethylbenzene, CAS: 100-41-4

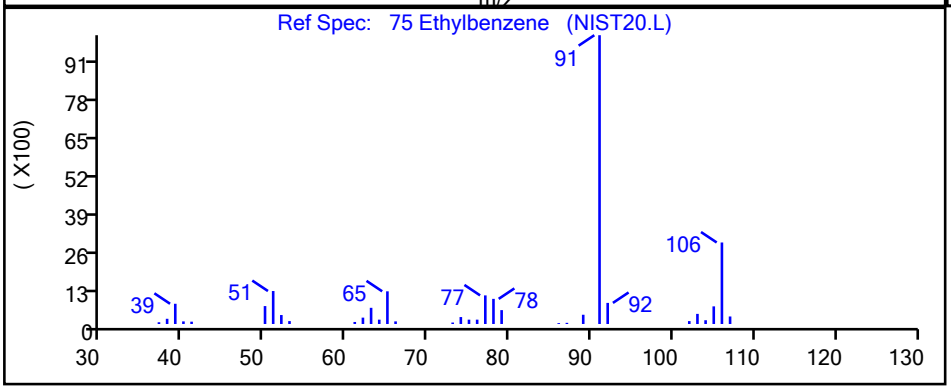
Processing Results











RT	Mass	Response	Amount
19.04	91.00	3146	0.014376
19.28	106.00	0	

Reviewer: YWL8, 12-Feb-2025 08:59:52 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 5152 Lab Sample ID: 200-76917-12

Matrix: Air Lab File ID: 63962_009.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 14:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76917-1

SDG No.:

Client Sample ID: 5152 | Lab Sample ID: 200-76917-12

Matrix: Air | Lab File ID: 63962_009.D

Analysis Method: TO-15 | Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/11/2025 14:52

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213533 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76917-1

SDG No.:

Client Sample ID: 5152 Lab Sample ID: 200-76917-12

Matrix: Air Lab File ID: 63962_009.D

Analysis Method: TO-15 Date Collected: 02/08/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/11/2025 14:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213533 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_009.D
Lims ID: 200-76917-A-12
Client ID: 5152
Sample Type: Client
Inject. Date: 11-Feb-2025 14:52:06 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063962-009
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Feb-2025 09:00:18 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: YWL8 Date: 12-Feb-2025 09:04:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.278				ND	7
2 Dichlorodifluoromethane	85		4.374				ND	
3 Chlorodifluoromethane	51		4.428				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
5 Chloromethane	50		4.877				ND	
7 Butane	43		5.182				ND	7
6 Vinyl chloride	62		5.182				ND	
8 Butadiene	54		5.295				ND	
9 Bromomethane	94		6.049				ND	
10 Chloroethane	64		6.327				ND	
13 Vinyl bromide	106		6.755				ND	
14 Trichlorofluoromethane	101		6.921				ND	
16 Ethanol	45		7.327				ND	
20 1,1-Dichloroethene	96		8.007				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
22 Acetone	43		8.098				ND	7
23 Isopropyl alcohol	45		8.403				ND	
24 Carbon disulfide	76		8.413				ND	7
26 3-Chloro-1-propene	41		8.718				ND	
27 Methylene Chloride	49		8.959				ND	7
28 2-Methyl-2-propanol	59		9.189				ND	
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57		9.970				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
33 1,1-Dichloroethane	63		10.243				ND	
34 Vinyl acetate	43		10.254				ND	
36 2-Butanone (MEK)	72		11.233				ND	
37 cis-1,2-Dichloroethene	96		11.260				ND	
38 Ethyl acetate	88		11.308				ND	
* 39 Chlorobromomethane	128	11.671	11.671	0.000	96	303969	10.0	
40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.431				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1497616	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.560				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.332				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.888				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	91	1338560	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	
	76 m-Xylene & p-Xylene	106		19.536				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.499				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.825				ND	
	87 4-Ethyltoluene	105		21.874				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.762				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.073				ND	
	103 Hexachlorobutadiene	225		26.319				ND	
	104 Naphthalene	128		26.571				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

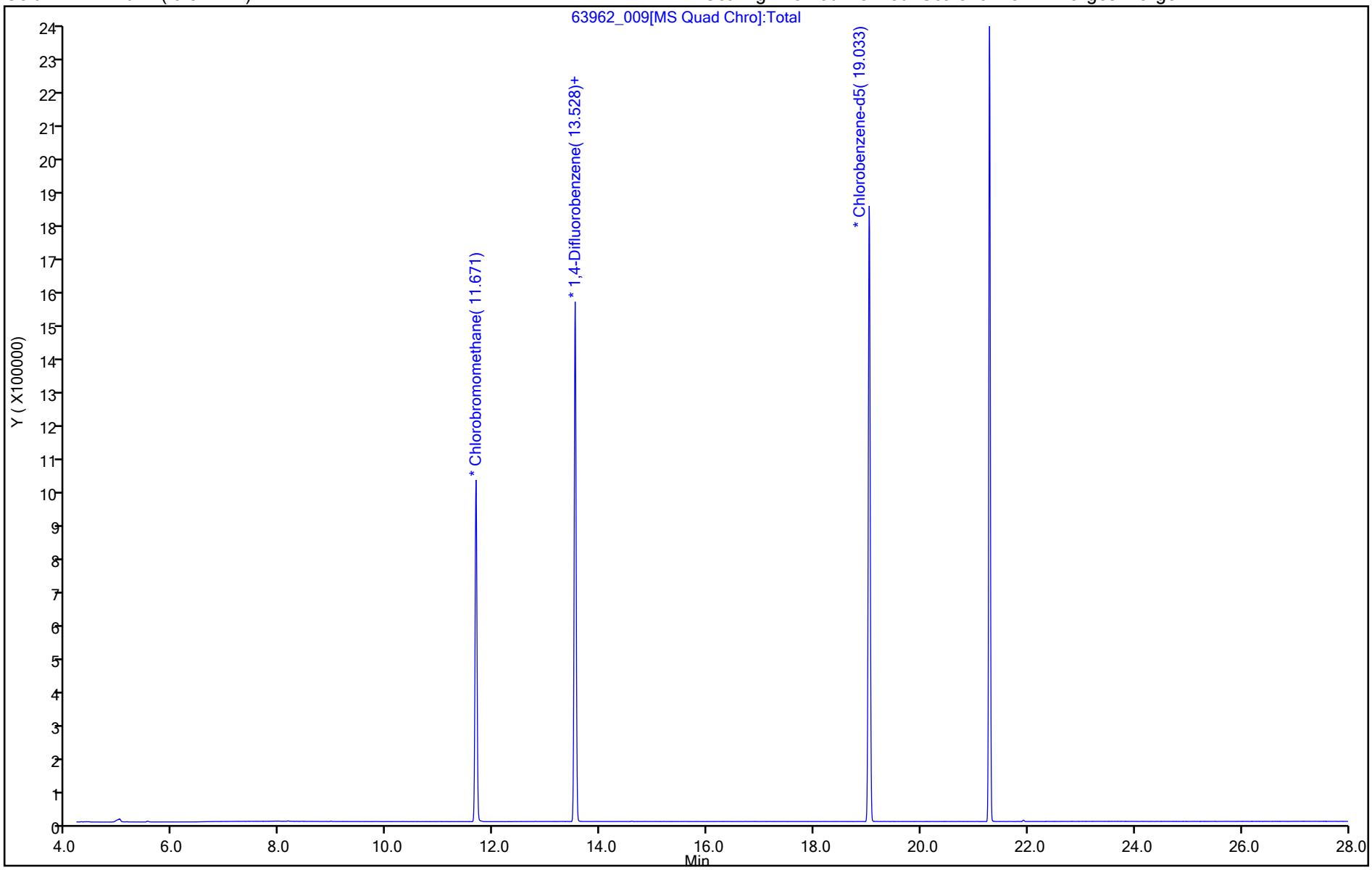
Report Date: 12-Feb-2025 09:04:10 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250211-63962.b\63962_009.D

Injection Date:	11-Feb-2025 14:52:06	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76917-A-12	Lab Sample ID:	200-76917-12	Worklist Smp#:	9
Client ID:	5152				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	9
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3086 Lab Sample ID: 200-76939-1

Matrix: Air Lab File ID: 64024_020.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 00:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3086 | Lab Sample ID: 200-76939-1

Matrix: Air | Lab File ID: 64024_020.D

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2025 00:46

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213675 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U *-	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3086 Lab Sample ID: 200-76939-1

Matrix: Air Lab File ID: 64024_020.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 00:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_020.D
Lims ID: 200-76939-A-1
Client ID: 3086
Sample Type: Client
Inject. Date: 18-Feb-2025 00:46:41 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064024-020
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 17-Feb-2025 23:30:47 Calib Date: 12-Feb-2025 04:41:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250211-63972.b\63972_018.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: F7XK Date: 18-Feb-2025 13:50:28

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.348				ND	7
	2 Dichlorodifluoromethane	85		4.444				ND	
	3 Chlorodifluoromethane	51		4.487				ND	7
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
	5 Chloromethane	50		4.926				ND	7
	6 Vinyl chloride	62		5.220				ND	
	7 Butane	43		5.225				ND	7
	8 Butadiene	54		5.332				ND	7
	9 Bromomethane	94		6.054				ND	
	10 Chloroethane	64		6.322				ND	
	13 Vinyl bromide	106		6.744				ND	
	14 Trichlorofluoromethane	101		6.910				ND	
	16 Ethanol	45		7.258				ND	
	20 1,1-Dichloroethene	96		7.964				ND	7
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.007				ND	
	22 Acetone	43		8.018				ND	7
	23 Isopropyl alcohol	45		8.307				ND	7
	24 Carbon disulfide	76		8.371				ND	7
	26 3-Chloro-1-propene	41		8.649				ND	7
	27 Methylene Chloride	49		8.879				ND	7
	28 2-Methyl-2-propanol	59		9.072				ND	
	30 trans-1,2-Dichloroethene	61		9.377				ND	7
	31 Methyl tert-butyl ether	73		9.382				ND	
	32 Hexane	57		9.901				ND	
	33 1,1-Dichloroethane	63		10.136				ND	
	34 Vinyl acetate	43		10.142				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.088				ND	
	37 cis-1,2-Dichloroethene	96		11.126				ND	7
	38 Ethyl acetate	88		11.179				ND	
*	39 Chlorobromomethane	128	11.532	11.533	-0.001	88	318791	10.0	
	40 Tetrahydrofuran	42		11.575				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Chloroform	83		11.709				ND	
42 1,1,1-Trichloroethane	97		12.025				ND	
43 Cyclohexane	84		12.175				ND	
44 Carbon tetrachloride	117		12.308				ND	
45 Benzene	78		12.645				ND	7
46 1,2-Dichloroethane	62		12.709				ND	
47 Isooctane	57		12.881				ND	
48 n-Heptane	43		13.186				ND	7
* 49 1,4-Difluorobenzene	114	13.373	13.378	-0.005	98	1667184	10.0	
51 Trichloroethene	95		13.812				ND	
53 1,2-Dichloropropane	63		14.261				ND	
54 Methyl methacrylate	69		14.347				ND	
55 1,4-Dioxane	88		14.384				ND	
57 Dibromomethane	174		14.416				ND	7
58 Dichlorobromomethane	83		14.721				ND	
59 cis-1,3-Dichloropropene	75		15.529				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.780				ND	
62 Toluene	92		16.176				ND	7
66 trans-1,3-Dichloropropene	75		16.572				ND	
67 1,1,2-Trichloroethane	83		16.947				ND	
68 Tetrachloroethene	166		17.171				ND	
69 2-Hexanone	43		17.358				ND	
70 Chlorodibromomethane	129		17.685				ND	
71 Ethylene Dibromide	107		17.926				ND	
* 73 Chlorobenzene-d5	117	18.840	18.846	-0.006	96	1420045	10.0	
74 Chlorobenzene	112		18.905				ND	
75 Ethylbenzene	91		19.097				ND	
76 m-Xylene & p-Xylene	106		19.365				ND	
S 80 Xylenes, Total	106		20.100				ND	7
78 o-Xylene	106		20.135				ND	
79 Styrene	104		20.167				ND	
81 Bromoform	173		20.499				ND	
82 Isopropylbenzene	105		20.825				ND	
83 1,1,2,2-Tetrachloroethane	83		21.323				ND	7
85 N-Propylbenzene	91		21.537				ND	
86 2-Chlorotoluene	91		21.681				ND	
87 4-Ethyltoluene	105		21.729				ND	
88 1,3,5-Trimethylbenzene	105		21.825				ND	
91 tert-Butylbenzene	119		22.307				ND	
92 1,2,4-Trimethylbenzene	105		22.393				ND	
93 sec-Butylbenzene	105		22.628				ND	
94 1,3-Dichlorobenzene	146		22.799				ND	7
95 4-Isopropyltoluene	119		22.842				ND	
96 1,4-Dichlorobenzene	146		22.938				ND	7
97 Benzyl chloride	91		23.077				ND	
98 n-Butylbenzene	91		23.398				ND	
99 1,2-Dichlorobenzene	146		23.425				ND	
102 1,2,4-Trichlorobenzene	180		25.870				ND	
103 Hexachlorobutadiene	225		26.127				ND	
104 Naphthalene	128		26.346				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15ClSs_00012 Amount Added: 20.00 Units: mL Run Reagent

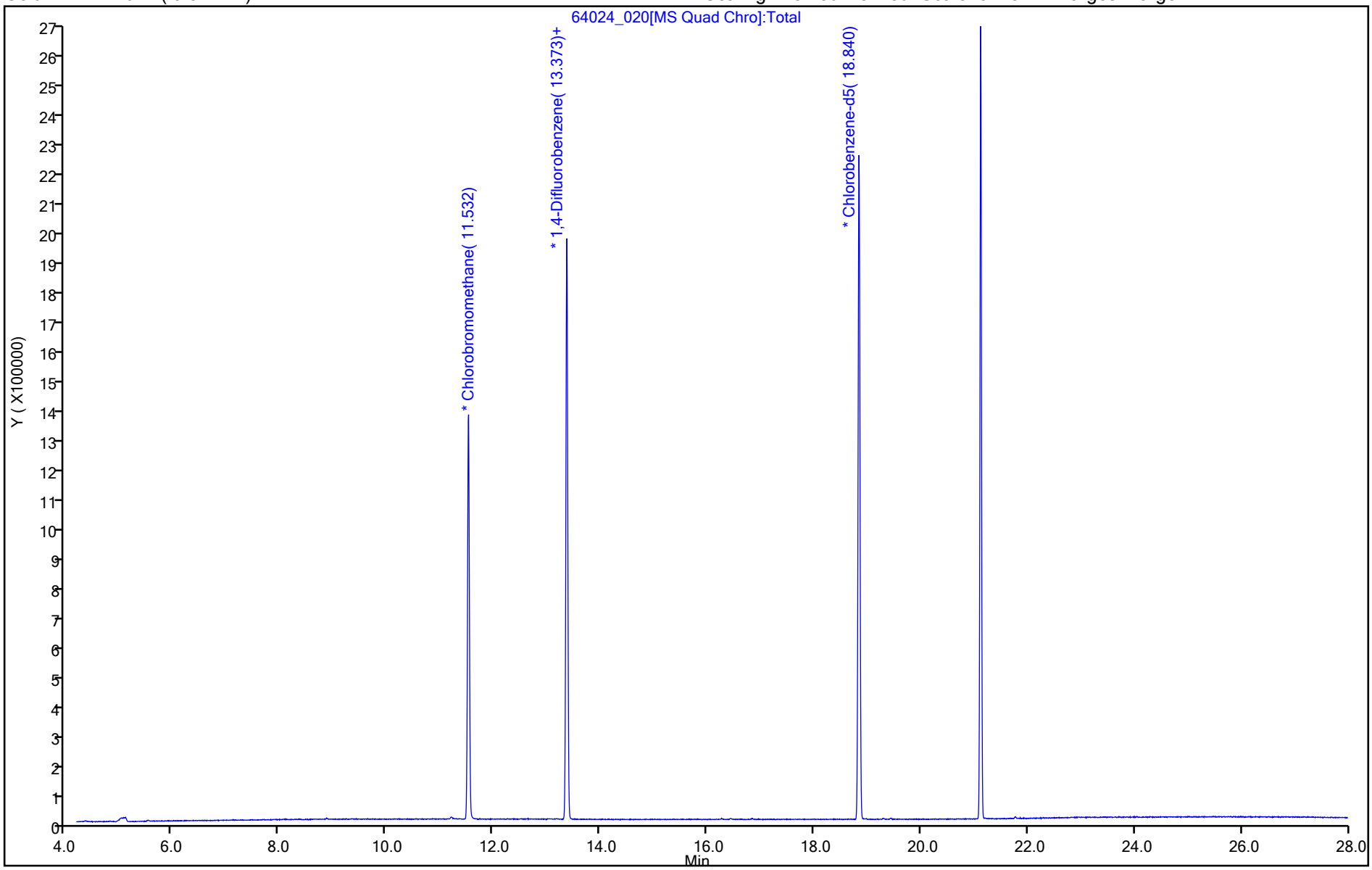
Report Date: 18-Feb-2025 13:50:28 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_020.D

Injection Date:	18-Feb-2025 00:46:41	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76939-A-1	Lab Sample ID:	200-76939-1	Worklist Smp#:	20
Client ID:	3086				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	19
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 9210 Lab Sample ID: 200-76939-2

Matrix: Air Lab File ID: 64024_021.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 01:47

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 9210 Lab Sample ID: 200-76939-2

Matrix: Air Lab File ID: 64024_021.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 01:47

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U *-	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 9210 Lab Sample ID: 200-76939-2

Matrix: Air Lab File ID: 64024_021.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 01:47

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_021.D
Lims ID: 200-76939-A-2
Client ID: 9210
Sample Type: Client
Inject. Date: 18-Feb-2025 01:47:32 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064024-021
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Feb-2025 14:36:15 Calib Date: 12-Feb-2025 04:41:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250211-63972.b\63972_018.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: F7XK Date: 18-Feb-2025 14:36:15

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.348				ND	7
	2 Dichlorodifluoromethane	85		4.444				ND	7
	3 Chlorodifluoromethane	51		4.487				ND	7
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
	5 Chloromethane	50		4.926				ND	7
	6 Vinyl chloride	62		5.220				ND	
	7 Butane	43		5.225				ND	7
	8 Butadiene	54		5.332				ND	7
	9 Bromomethane	94		6.054				ND	
	10 Chloroethane	64		6.322				ND	
	13 Vinyl bromide	106		6.744				ND	
	14 Trichlorofluoromethane	101		6.910				ND	
	16 Ethanol	45		7.258				ND	
	20 1,1-Dichloroethene	96		7.964				ND	7
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.007				ND	
	22 Acetone	43		8.018				ND	7
	23 Isopropyl alcohol	45		8.307				ND	7
	24 Carbon disulfide	76		8.371				ND	7
	26 3-Chloro-1-propene	41		8.649				ND	7
	27 Methylene Chloride	49		8.879				ND	7
	28 2-Methyl-2-propanol	59		9.072				ND	
	30 trans-1,2-Dichloroethene	61		9.377				ND	7
	31 Methyl tert-butyl ether	73		9.382				ND	
	32 Hexane	57		9.901				ND	
	33 1,1-Dichloroethane	63		10.136				ND	
	34 Vinyl acetate	43		10.142				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.088				ND	
	37 cis-1,2-Dichloroethene	96		11.126				ND	7
	38 Ethyl acetate	88		11.179				ND	
*	39 Chlorobromomethane	128	11.532	11.533	-0.001	88	313110	10.0	
	40 Tetrahydrofuran	42		11.575				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.709				ND	
	42 1,1,1-Trichloroethane	97		12.025				ND	
	43 Cyclohexane	84		12.175				ND	
	44 Carbon tetrachloride	117		12.308				ND	
	45 Benzene	78		12.645				ND	MU
	46 1,2-Dichloroethane	62		12.709				ND	
	47 Isooctane	57		12.881				ND	
	48 n-Heptane	43		13.186				ND	7
*	49 1,4-Difluorobenzene	114	13.373	13.378	-0.005	98	1673732	10.0	
	51 Trichloroethene	95		13.812				ND	
	53 1,2-Dichloropropane	63		14.261				ND	
	54 Methyl methacrylate	69		14.347				ND	
	55 1,4-Dioxane	88		14.384				ND	
	57 Dibromomethane	174		14.416				ND	7
	58 Dichlorobromomethane	83		14.721				ND	
	59 cis-1,3-Dichloropropene	75		15.529				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.780				ND	
	62 Toluene	92		16.176				ND	
	66 trans-1,3-Dichloropropene	75		16.572				ND	
	67 1,1,2-Trichloroethane	83		16.947				ND	
	68 Tetrachloroethene	166		17.171				ND	
	69 2-Hexanone	43		17.358				ND	
	70 Chlorodibromomethane	129		17.685				ND	
	71 Ethylene Dibromide	107		17.926				ND	
*	73 Chlorobenzene-d5	117	18.840	18.846	-0.006	97	1421558	10.0	
	74 Chlorobenzene	112		18.905				ND	
	75 Ethylbenzene	91		19.097				ND	7
	76 m-Xylene & p-Xylene	106		19.365				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.135				ND	
	79 Styrene	104		20.167				ND	
	81 Bromoform	173		20.499				ND	
	82 Isopropylbenzene	105		20.825				ND	7
	83 1,1,2,2-Tetrachloroethane	83		21.323				ND	7
	85 N-Propylbenzene	91		21.537				ND	7
	86 2-Chlorotoluene	91		21.681				ND	7
	87 4-Ethyltoluene	105		21.729				ND	7
	88 1,3,5-Trimethylbenzene	105		21.825				ND	7
	91 tert-Butylbenzene	119		22.307				ND	7
	92 1,2,4-Trimethylbenzene	105		22.393				ND	7
	93 sec-Butylbenzene	105		22.628				ND	7
	94 1,3-Dichlorobenzene	146		22.799				ND	7
	95 4-Isopropyltoluene	119		22.842				ND	7
	96 1,4-Dichlorobenzene	146		22.938				ND	7
	97 Benzyl chloride	91		23.077				ND	
	98 n-Butylbenzene	91		23.398				ND	MU
	99 1,2-Dichlorobenzene	146		23.425				ND	7
	102 1,2,4-Trichlorobenzene	180		25.870				ND	
	103 Hexachlorobutadiene	225		26.127				ND	
	104 Naphthalene	128		26.346				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

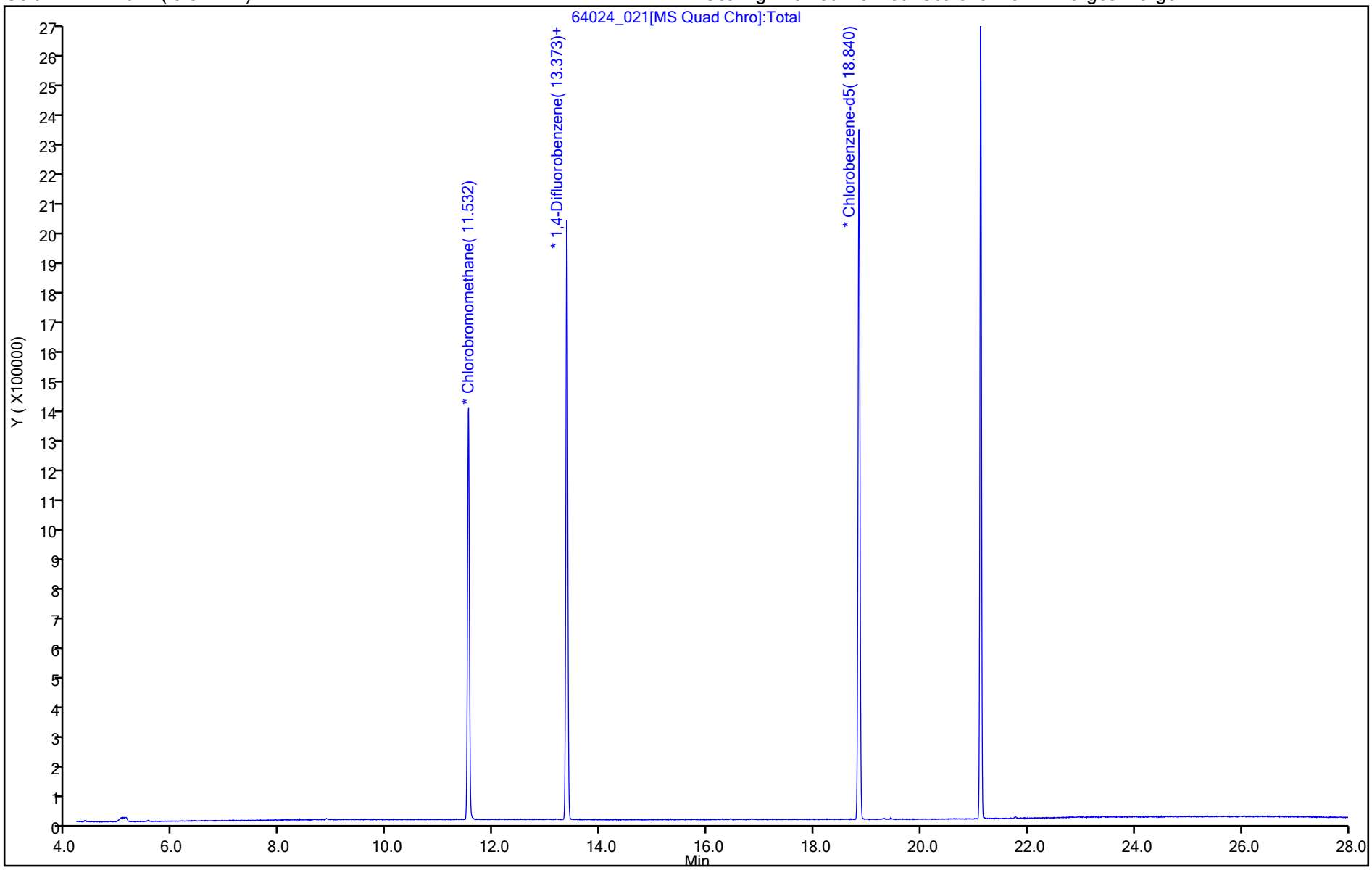
Report Date: 18-Feb-2025 14:36:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_021.D

Injection Date:	18-Feb-2025 01:47:32	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76939-A-2	Lab Sample ID:	200-76939-2	Worklist Smp#:	21
Client ID:	9210				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	20
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



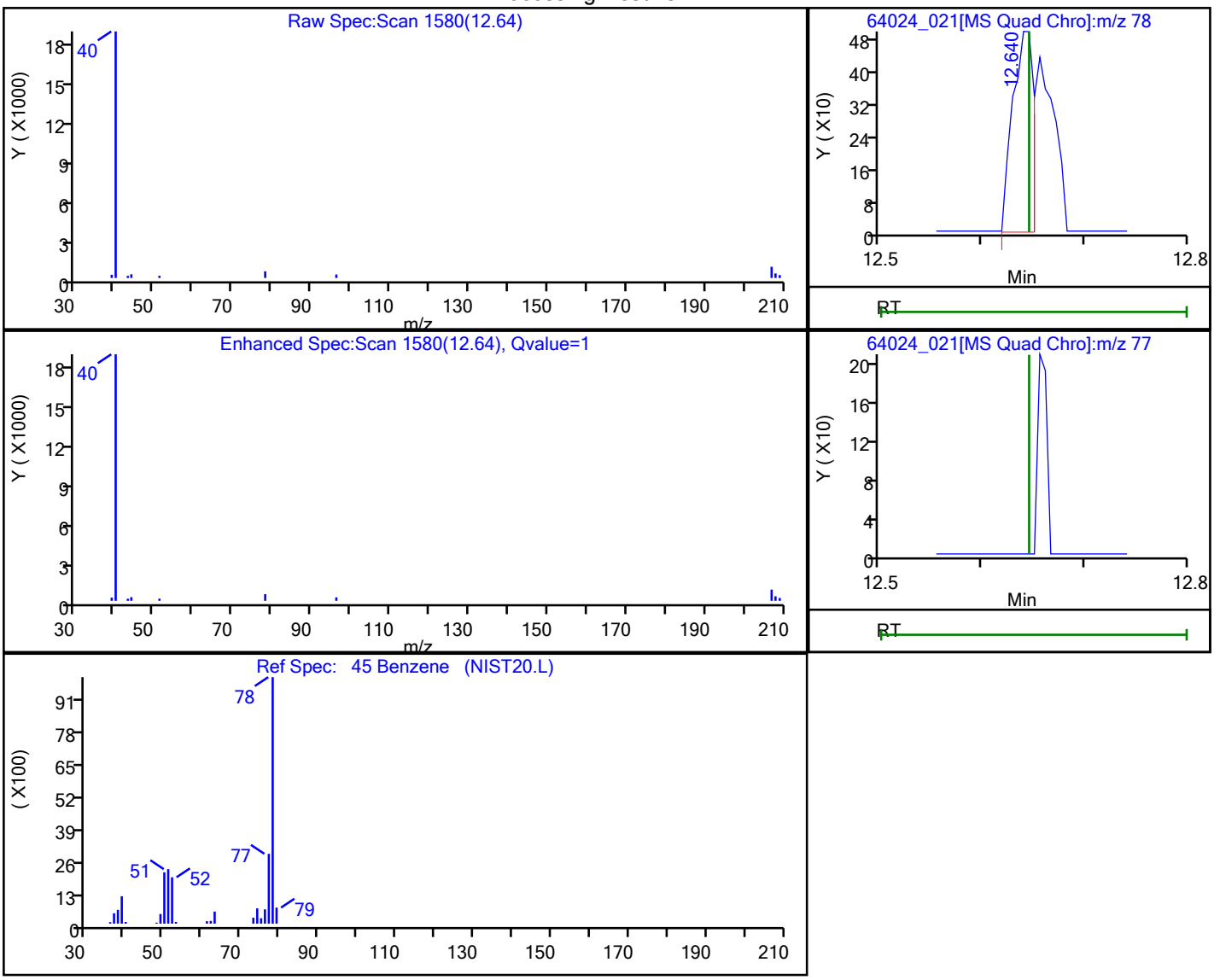
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_021.D				
Injection Date:	18-Feb-2025 01:47:32	Instrument ID:	CHAN.i		
Lims ID:	200-76939-A-2	Lab Sample ID:	200-76939-2		
Client ID:	9210				
Operator ID:	wrd	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
12.64	78.00	719	0.004529
12.65	77.00	0	

Reviewer: F7XK, 18-Feb-2025 14:35:04 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

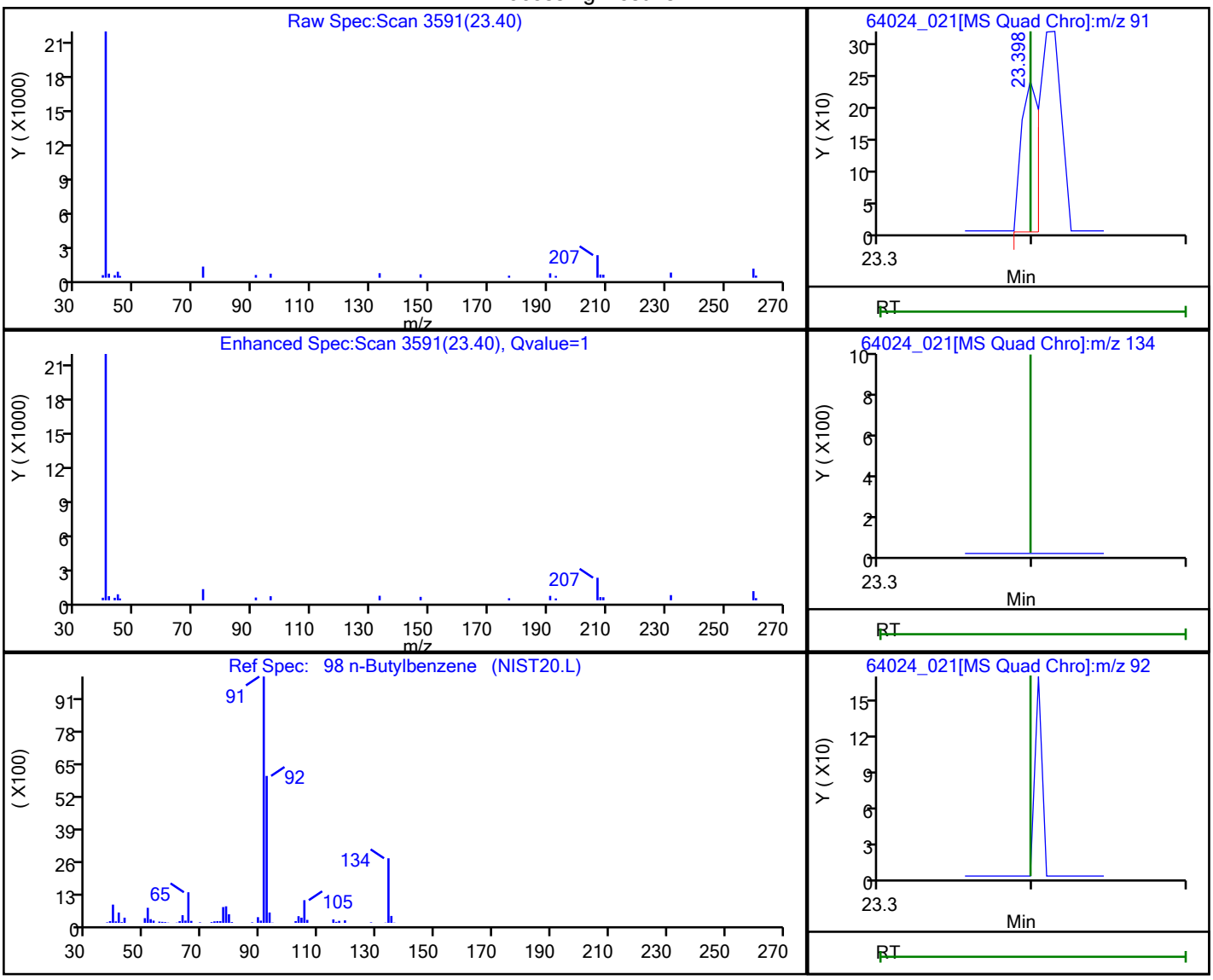
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_021.D				
Injection Date:	18-Feb-2025 01:47:32	Instrument ID:	CHAN.i		
Lims ID:	200-76939-A-2	Lab Sample ID:	200-76939-2		
Client ID:	9210				
Operator ID:	wrd	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
23.40	91.00	193	0.000781
23.40	134.00	0	
23.40	92.00	0	

Reviewer: F7XK, 18-Feb-2025 14:35:57 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 34001546 | Lab Sample ID: 200-76939-3

Matrix: Air | Lab File ID: 64024_022.D

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2025 02:48

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213675 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 34001546 Lab Sample ID: 200-76939-3

Matrix: Air Lab File ID: 64024_022.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 02:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U *-	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 34001546 Lab Sample ID: 200-76939-3

Matrix: Air Lab File ID: 64024_022.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 02:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_022.D
Lims ID: 200-76939-A-3
Client ID: 34001546
Sample Type: Client
Inject. Date: 18-Feb-2025 02:48:18 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064024-022
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Feb-2025 16:13:12 Calib Date: 12-Feb-2025 04:41:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250211-63972.b\63972_018.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1666

First Level Reviewer: F7XK Date: 18-Feb-2025 16:13:12

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.348				ND	7
	2 Dichlorodifluoromethane	85		4.444				ND	
	3 Chlorodifluoromethane	51		4.487				ND	7
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
	5 Chloromethane	50		4.926				ND	7
	6 Vinyl chloride	62		5.220				ND	
	7 Butane	43		5.225				ND	7
	8 Butadiene	54		5.332				ND	
	9 Bromomethane	94		6.054				ND	
	10 Chloroethane	64		6.322				ND	
	13 Vinyl bromide	106		6.744				ND	
	14 Trichlorofluoromethane	101		6.910				ND	
	16 Ethanol	45		7.258				ND	
	20 1,1-Dichloroethene	96		7.964				ND	MU
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.007				ND	
	22 Acetone	43		8.018				ND	7
	23 Isopropyl alcohol	45		8.307				ND	
	24 Carbon disulfide	76		8.371				ND	
	26 3-Chloro-1-propene	41		8.649				ND	7
	27 Methylene Chloride	49		8.879				ND	7
	28 2-Methyl-2-propanol	59		9.072				ND	
	30 trans-1,2-Dichloroethene	61		9.377				ND	
	31 Methyl tert-butyl ether	73		9.382				ND	
	32 Hexane	57		9.901				ND	7
	33 1,1-Dichloroethane	63		10.136				ND	
	34 Vinyl acetate	43		10.142				ND	7
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.088				ND	
	37 cis-1,2-Dichloroethene	96		11.126				ND	7
	38 Ethyl acetate	88		11.179				ND	
*	39 Chlorobromomethane	128	11.532	11.533	-0.001	88	321764	10.0	
	40 Tetrahydrofuran	42		11.575				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.709				ND	
	42 1,1,1-Trichloroethane	97		12.025				ND	
	43 Cyclohexane	84		12.175				ND	
	44 Carbon tetrachloride	117		12.308				ND	
	45 Benzene	78		12.645				ND	MU
	46 1,2-Dichloroethane	62		12.709				ND	
	47 Isooctane	57		12.881				ND	
	48 n-Heptane	43		13.186				ND	7
*	49 1,4-Difluorobenzene	114	13.372	13.378	-0.006	98	1719827	10.0	
	51 Trichloroethene	95		13.812				ND	
	53 1,2-Dichloropropane	63		14.261				ND	
	54 Methyl methacrylate	69		14.347				ND	
	55 1,4-Dioxane	88		14.384				ND	
	57 Dibromomethane	174	14.421	14.421	0.005	40	327	0.008166	7Ma
	58 Dichlorobromomethane	83		14.721				ND	
	59 cis-1,3-Dichloropropene	75		15.529				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.780				ND	
	62 Toluene	92		16.176				ND	
	66 trans-1,3-Dichloropropene	75		16.572				ND	
	67 1,1,2-Trichloroethane	83		16.947				ND	
	68 Tetrachloroethene	166		17.171				ND	
	69 2-Hexanone	43		17.358				ND	
	70 Chlorodibromomethane	129		17.685				ND	
	71 Ethylene Dibromide	107		17.926				ND	
*	73 Chlorobenzene-d5	117	18.840	18.846	-0.006	97	1457939	10.0	
	74 Chlorobenzene	112		18.905				ND	
	75 Ethylbenzene	91		19.097				ND	
	76 m-Xylene & p-Xylene	106		19.365				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.135				ND	
	79 Styrene	104		20.167				ND	
	81 Bromoform	173		20.499				ND	
	82 Isopropylbenzene	105		20.825				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.323				ND	7
	85 N-Propylbenzene	91		21.537				ND	7
	86 2-Chlorotoluene	91		21.681				ND	7
	87 4-Ethyltoluene	105		21.729				ND	7
	88 1,3,5-Trimethylbenzene	105		21.825				ND	7
	91 tert-Butylbenzene	119		22.307				ND	
	92 1,2,4-Trimethylbenzene	105		22.393				ND	7
	93 sec-Butylbenzene	105		22.628				ND	7
	94 1,3-Dichlorobenzene	146		22.799				ND	7
	95 4-Isopropyltoluene	119		22.842				ND	7
	96 1,4-Dichlorobenzene	146		22.938				ND	7
	97 Benzyl chloride	91		23.077				ND	
	98 n-Butylbenzene	91		23.398				ND	7
	99 1,2-Dichlorobenzene	146		23.425				ND	7
	102 1,2,4-Trichlorobenzene	180		25.870				ND	
	103 Hexachlorobutadiene	225		26.127				ND	
	104 Naphthalene	128		26.346				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

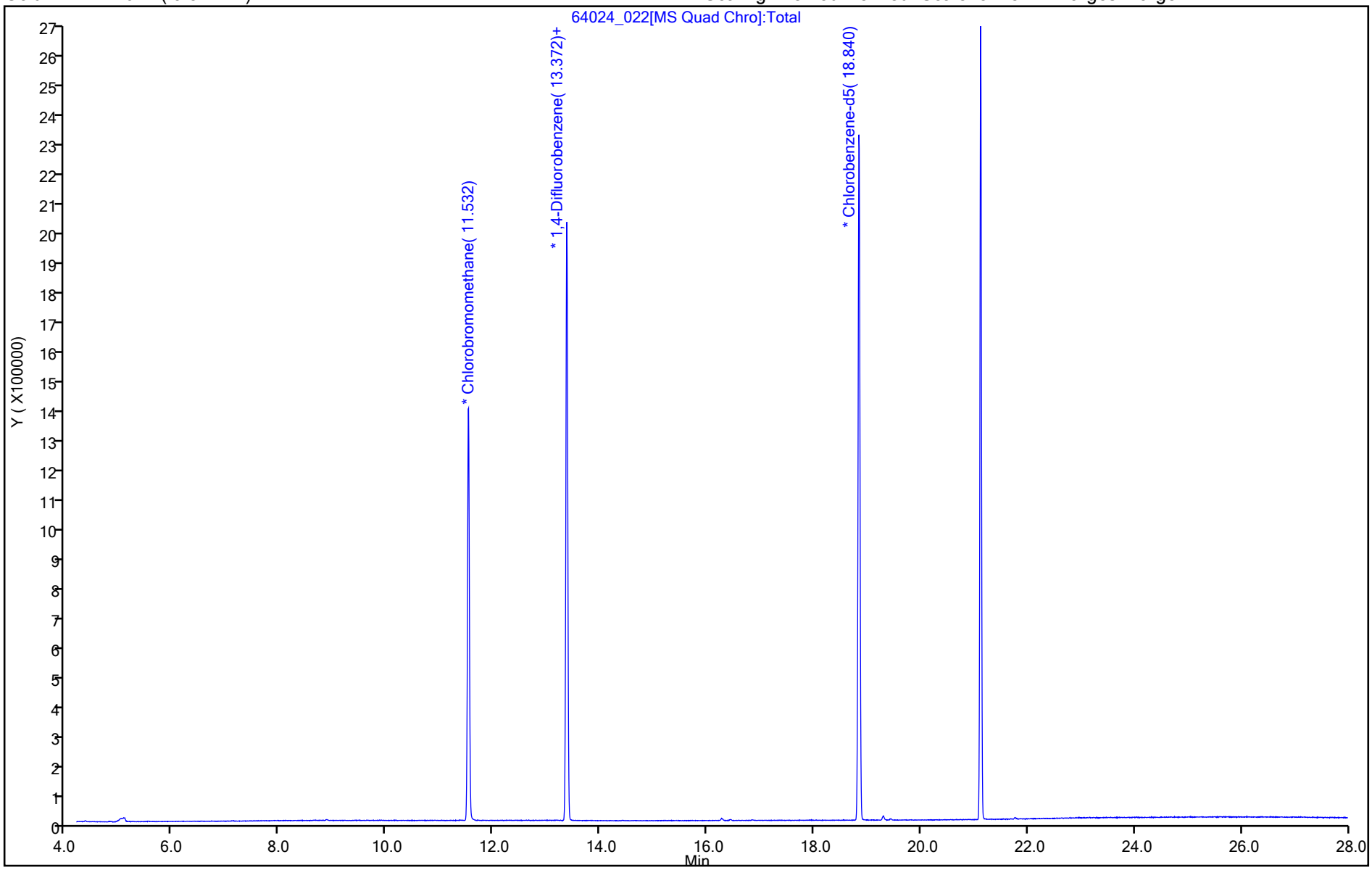
Report Date: 18-Feb-2025 16:13:12 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_022.D

Injection Date:	18-Feb-2025 02:48:18	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76939-A-3	Lab Sample ID:	200-76939-3	Worklist Smp#:	22
Client ID:	34001546				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	21
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



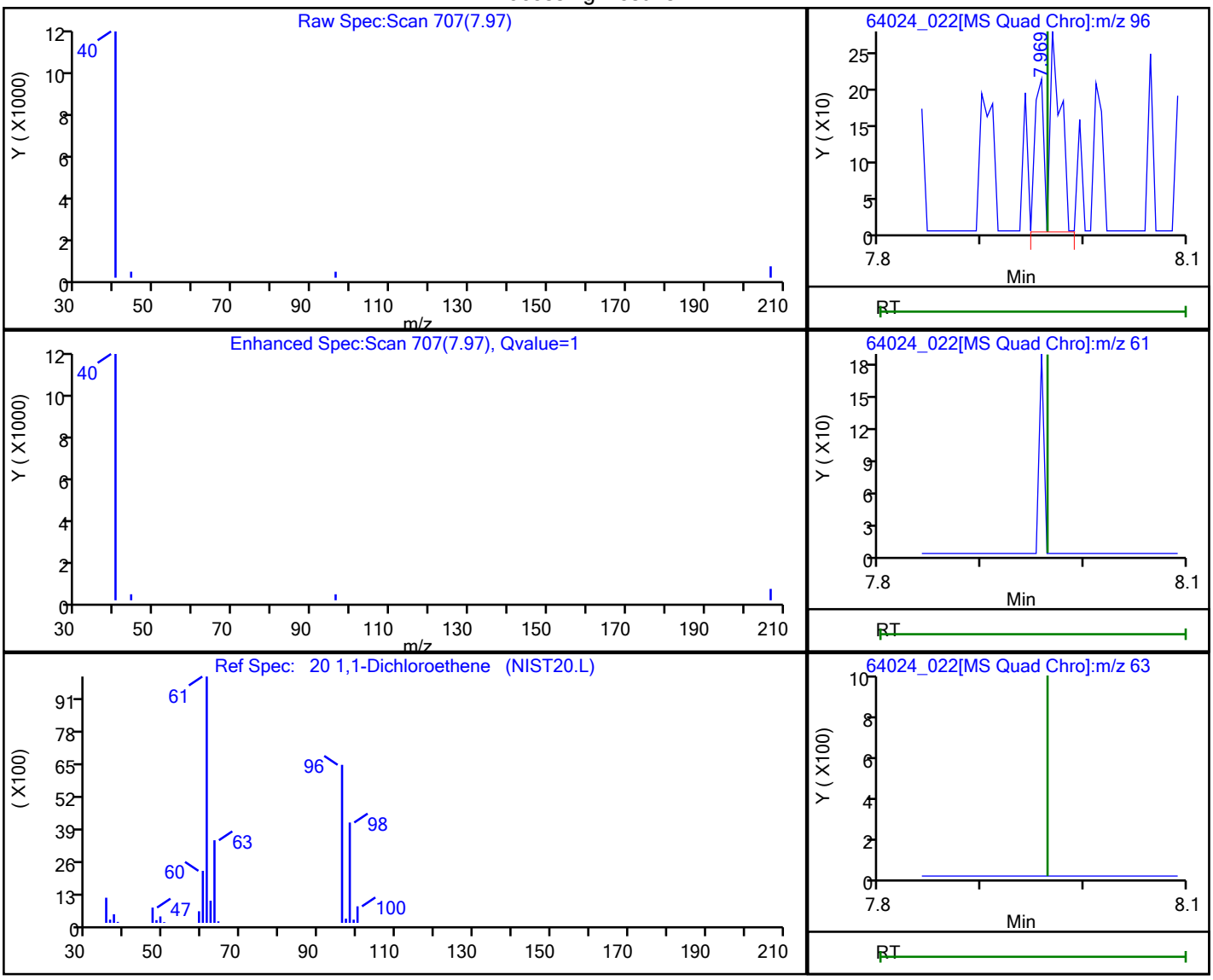
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_022.D				
Injection Date:	18-Feb-2025 02:48:18	Instrument ID:	CHAN.i		
Lims ID:	200-76939-A-3	Lab Sample ID:	200-76939-3		
Client ID:	34001546				
Operator ID:	wrd	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.97	96.00	323	0.006989
7.96	61.00	0	
7.96	63.00	0	

Reviewer: F7XK, 18-Feb-2025 16:11:11 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

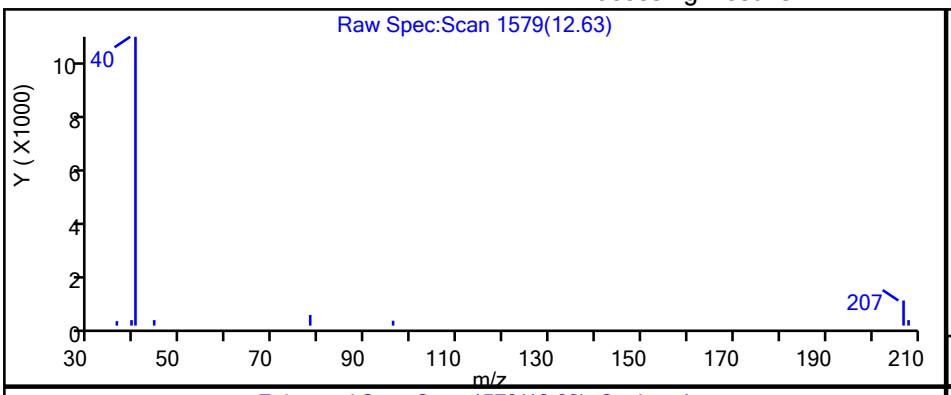
User Disabled Compound Report

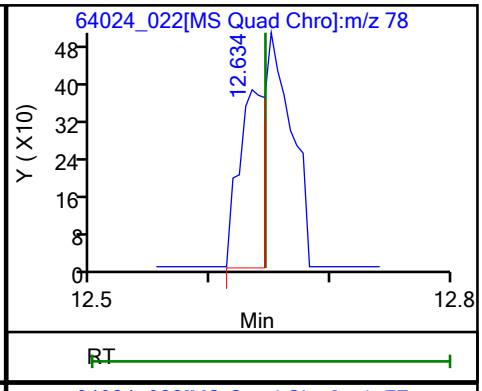
Eurofins Burlington

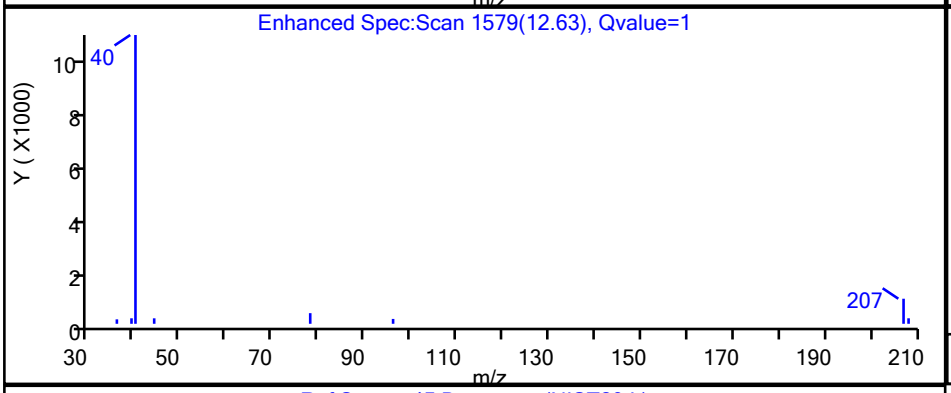
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_022.D				
Injection Date:	18-Feb-2025 02:48:18	Instrument ID:	CHAN.i		
Lims ID:	200-76939-A-3	Lab Sample ID:	200-76939-3		
Client ID:	34001546				
Operator ID:	wrd	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

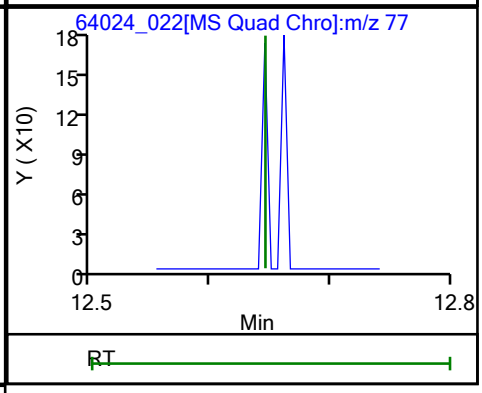
45 Benzene, CAS: 71-43-2

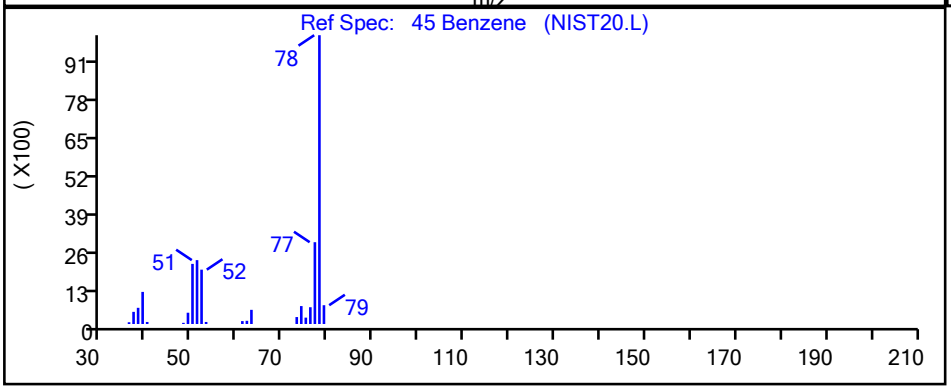
Processing Results











RT	Mass	Response	Amount
12.63	78.00	600	0.003678
12.65	77.00	0	

Reviewer: F7XK, 18-Feb-2025 16:11:56 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5721 | Lab Sample ID: 200-76939-4

Matrix: Air | Lab File ID: 64024_023.D

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2025 03:48

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213675 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5721 | Lab Sample ID: 200-76939-4

Matrix: Air | Lab File ID: 64024_023.D

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2025 03:48

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213675 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U *-	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5721 Lab Sample ID: 200-76939-4

Matrix: Air Lab File ID: 64024_023.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 03:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_023.D
Lims ID: 200-76939-A-4
Client ID: 5721
Sample Type: Client
Inject. Date: 18-Feb-2025 03:48:53 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064024-023
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Feb-2025 07:18:43 Calib Date: 12-Feb-2025 04:41:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250211-63972.b\63972_018.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: BKZ7 Date: 18-Feb-2025 07:18:43

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.348				ND	7
	2 Dichlorodifluoromethane	85		4.444				ND	7
	3 Chlorodifluoromethane	51		4.487				ND	7
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	7
	5 Chloromethane	50		4.926				ND	7
	6 Vinyl chloride	62		5.220				ND	7
	7 Butane	43		5.225				ND	7
	8 Butadiene	54		5.332				ND	7
	9 Bromomethane	94		6.054				ND	
	10 Chloroethane	64		6.322				ND	
	13 Vinyl bromide	106		6.744				ND	
	14 Trichlorofluoromethane	101		6.910				ND	7
	16 Ethanol	45		7.258				ND	
	20 1,1-Dichloroethene	96		7.964				ND	MU
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.007				ND	7
	22 Acetone	43		8.018				ND	7
	23 Isopropyl alcohol	45		8.307				ND	
	24 Carbon disulfide	76		8.371				ND	7
	26 3-Chloro-1-propene	41		8.649				ND	7
	27 Methylene Chloride	49		8.879				ND	7
	28 2-Methyl-2-propanol	59		9.072				ND	
	30 trans-1,2-Dichloroethene	61		9.377				ND	7
	31 Methyl tert-butyl ether	73		9.382				ND	
	32 Hexane	57	9.911	9.901	0.010	71	1544	0.0157	
	33 1,1-Dichloroethane	63		10.136				ND	7
	34 Vinyl acetate	43		10.142				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.088				ND	
	37 cis-1,2-Dichloroethene	96		11.126				ND	7
	38 Ethyl acetate	88		11.179				ND	
*	39 Chlorobromomethane	128	11.532	11.533	-0.001	88	338711	10.0	
	40 Tetrahydrofuran	42		11.575				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Chloroform	83		11.709				ND	
42 1,1,1-Trichloroethane	97		12.025				ND	7
43 Cyclohexane	84		12.175				ND	7
44 Carbon tetrachloride	117		12.308				ND	
45 Benzene	78		12.645				ND	7
46 1,2-Dichloroethane	62		12.709				ND	
47 Isooctane	57		12.881				ND	
48 n-Heptane	43		13.186				ND	7
* 49 1,4-Difluorobenzene	114	13.373	13.378	-0.005	99	1786323	10.0	
51 Trichloroethene	95		13.812				ND	
53 1,2-Dichloropropane	63		14.261				ND	
54 Methyl methacrylate	69		14.347				ND	
55 1,4-Dioxane	88		14.384				ND	
57 Dibromomethane	174		14.416				ND	MU
58 Dichlorobromomethane	83		14.721				ND	
59 cis-1,3-Dichloropropene	75		15.529				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.780				ND	
62 Toluene	92		16.176				ND	7
66 trans-1,3-Dichloropropene	75		16.572				ND	
67 1,1,2-Trichloroethane	83		16.947				ND	
68 Tetrachloroethene	166		17.171				ND	
69 2-Hexanone	43		17.358				ND	
70 Chlorodibromomethane	129		17.685				ND	
71 Ethylene Dibromide	107		17.926				ND	
* 73 Chlorobenzene-d5	117	18.840	18.846	-0.006	97	1548262	10.0	
74 Chlorobenzene	112		18.905				ND	
75 Ethylbenzene	91		19.097				ND	
76 m-Xylene & p-Xylene	106		19.365				ND	
S 80 Xylenes, Total	106		20.100				ND	7
78 o-Xylene	106		20.135				ND	
79 Styrene	104		20.167				ND	
81 Bromoform	173		20.499				ND	
82 Isopropylbenzene	105		20.825				ND	
83 1,1,2,2-Tetrachloroethane	83		21.323				ND	7
85 N-Propylbenzene	91		21.537				ND	7
86 2-Chlorotoluene	91		21.681				ND	7
87 4-Ethyltoluene	105		21.729				ND	7
88 1,3,5-Trimethylbenzene	105		21.825				ND	7
91 tert-Butylbenzene	119		22.307				ND	
92 1,2,4-Trimethylbenzene	105		22.393				ND	7
93 sec-Butylbenzene	105		22.628				ND	7
94 1,3-Dichlorobenzene	146		22.799				ND	7
95 4-Isopropyltoluene	119		22.842				ND	7
96 1,4-Dichlorobenzene	146		22.938				ND	7
97 Benzyl chloride	91		23.077				ND	
98 n-Butylbenzene	91		23.398				ND	7
99 1,2-Dichlorobenzene	146		23.425				ND	7
102 1,2,4-Trichlorobenzene	180		25.870				ND	
103 Hexachlorobutadiene	225		26.127				ND	
104 Naphthalene	128		26.346				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

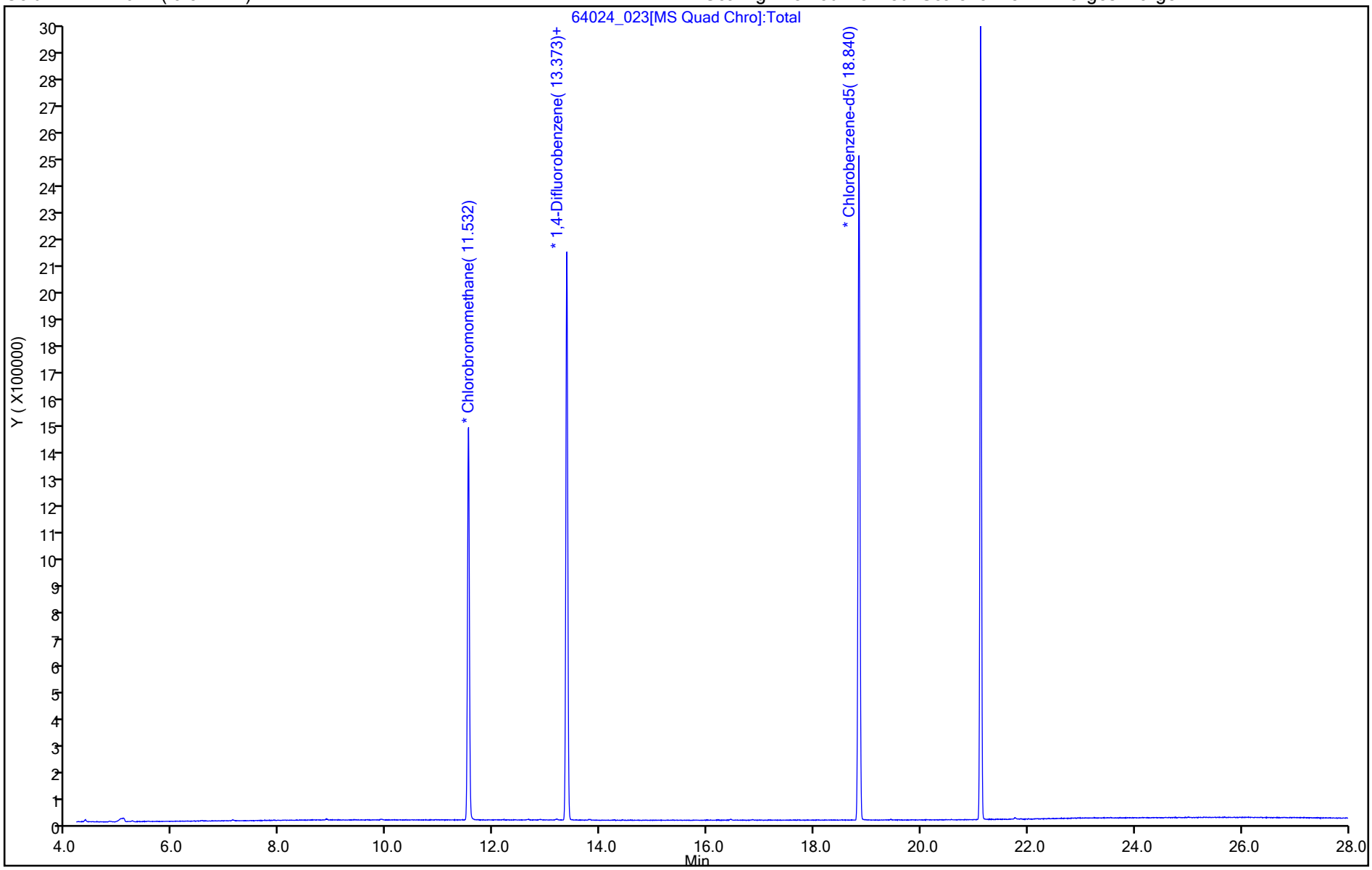
Report Date: 18-Feb-2025 07:18:43 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_023.D

Injection Date:	18-Feb-2025 03:48:53	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76939-A-4	Lab Sample ID:	200-76939-4	Worklist Smp#:	23
Client ID:	5721				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	22
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



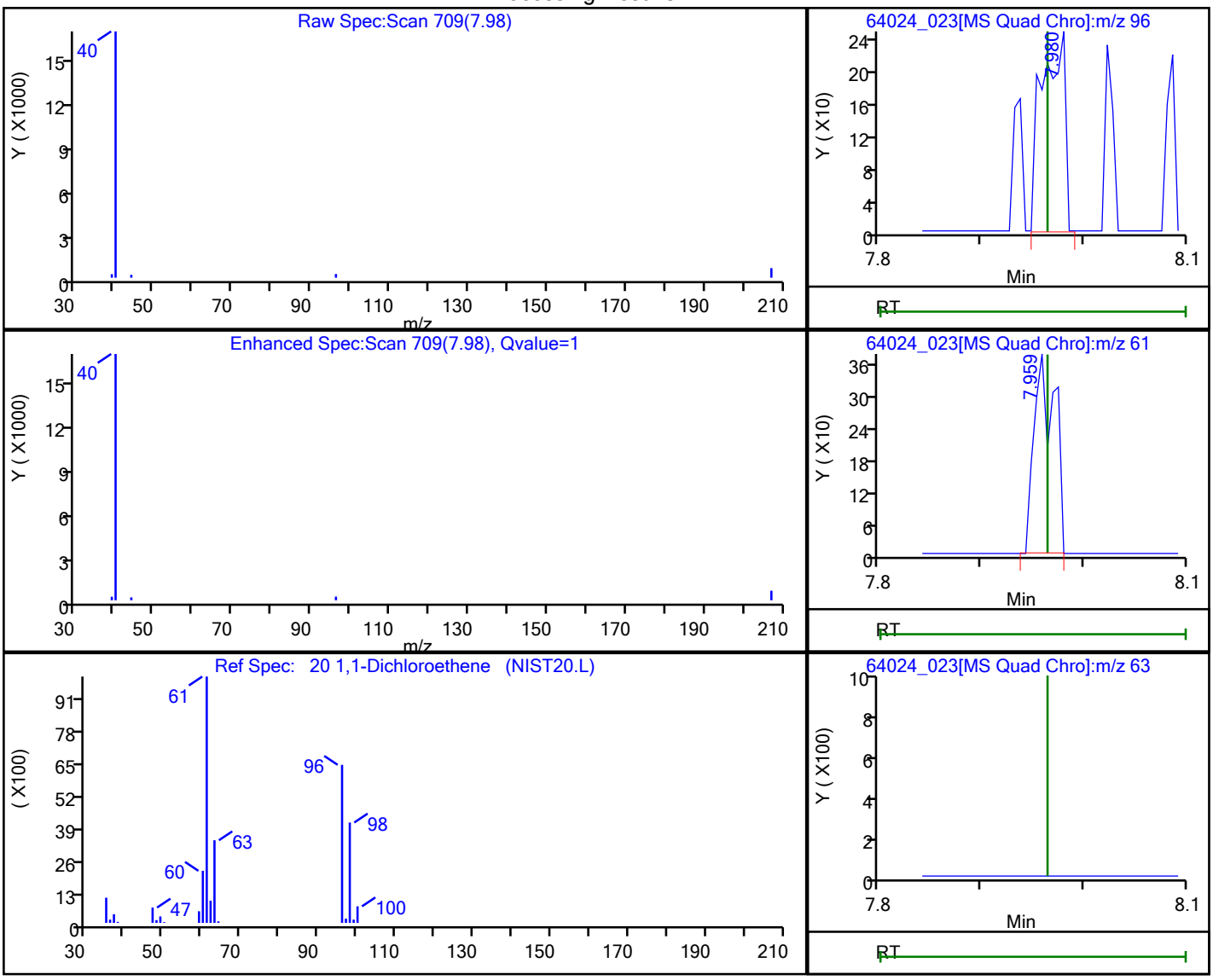
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_023.D				
Injection Date:	18-Feb-2025 03:48:53	Instrument ID:	CHAN.i		
Lims ID:	200-76939-A-4	Lab Sample ID:	200-76939-4		
Client ID:	5721				
Operator ID:	wrd	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.98	96.00	391	0.008037
7.96	61.00	528	
7.96	63.00	0	

Reviewer: BKZ7, 18-Feb-2025 07:18:31 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3340 Lab Sample ID: 200-76939-5

Matrix: Air Lab File ID: 64024_024.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 04:49

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3340 | Lab Sample ID: 200-76939-5

Matrix: Air | Lab File ID: 64024_024.D

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2025 04:49

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213675 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U *-	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3340 Lab Sample ID: 200-76939-5

Matrix: Air Lab File ID: 64024_024.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 04:49

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213675 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_024.D
Lims ID: 200-76939-A-5
Client ID: 3340
Sample Type: Client
Inject. Date: 18-Feb-2025 04:49:52 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064024-024
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Feb-2025 03:34:49 Calib Date: 12-Feb-2025 04:41:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250211-63972.b\63972_018.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: BKZ7 Date: 18-Feb-2025 07:17:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.348				ND	7
2 Dichlorodifluoromethane	85		4.444				ND	
3 Chlorodifluoromethane	51		4.487				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
5 Chloromethane	50		4.926				ND	7
6 Vinyl chloride	62		5.220				ND	
7 Butane	43		5.225				ND	7
8 Butadiene	54		5.332				ND	7
9 Bromomethane	94		6.054				ND	
10 Chloroethane	64		6.322				ND	
13 Vinyl bromide	106		6.744				ND	
14 Trichlorofluoromethane	101		6.910				ND	
16 Ethanol	45		7.258				ND	
20 1,1-Dichloroethene	96		7.964				ND	7
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.007				ND	
22 Acetone	43		8.018				ND	7
23 Isopropyl alcohol	45		8.307				ND	7
24 Carbon disulfide	76		8.371				ND	7
26 3-Chloro-1-propene	41		8.649				ND	7
27 Methylene Chloride	49		8.879				ND	7
28 2-Methyl-2-propanol	59		9.072				ND	
30 trans-1,2-Dichloroethene	61		9.377				ND	7
31 Methyl tert-butyl ether	73		9.382				ND	7
32 Hexane	57		9.901				ND	7
33 1,1-Dichloroethane	63		10.136				ND	
34 Vinyl acetate	43		10.142				ND	7
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
36 2-Butanone (MEK)	72		11.088				ND	
37 cis-1,2-Dichloroethene	96		11.126				ND	7
38 Ethyl acetate	88		11.179				ND	
* 39 Chlorobromomethane	128	11.532	11.533	-0.001	88	332209	10.0	
40 Tetrahydrofuran	42		11.575				ND	7

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.709				ND	
	42 1,1,1-Trichloroethane	97		12.025				ND	7
	43 Cyclohexane	84		12.175				ND	
	44 Carbon tetrachloride	117		12.308				ND	
	45 Benzene	78		12.645				ND	7
	46 1,2-Dichloroethane	62		12.709				ND	
	47 Isooctane	57		12.881				ND	
	48 n-Heptane	43		13.186				ND	7
*	49 1,4-Difluorobenzene	114	13.372	13.378	-0.006	99	1762177	10.0	
	51 Trichloroethene	95		13.812				ND	
	53 1,2-Dichloropropane	63		14.261				ND	
	54 Methyl methacrylate	69		14.347				ND	
	55 1,4-Dioxane	88		14.384				ND	
	57 Dibromomethane	174	14.421	14.410	0.005	74	676	0.0165	
	58 Dichlorobromomethane	83		14.721				ND	
	59 cis-1,3-Dichloropropene	75		15.529				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.780				ND	
	62 Toluene	92		16.176				ND	7
	66 trans-1,3-Dichloropropene	75		16.572				ND	
	67 1,1,2-Trichloroethane	83		16.947				ND	
	68 Tetrachloroethene	166		17.171				ND	
	69 2-Hexanone	43		17.358				ND	
	70 Chlorodibromomethane	129		17.685				ND	
	71 Ethylene Dibromide	107		17.926				ND	
*	73 Chlorobenzene-d5	117	18.840	18.846	-0.006	97	1521830	10.0	
	74 Chlorobenzene	112		18.905				ND	
	75 Ethylbenzene	91		19.097				ND	7
	76 m-Xylene & p-Xylene	106		19.365				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.135				ND	
	79 Styrene	104		20.167				ND	
	81 Bromoform	173		20.499				ND	
	82 Isopropylbenzene	105		20.825				ND	7
	83 1,1,2,2-Tetrachloroethane	83		21.323				ND	7
	85 N-Propylbenzene	91		21.537				ND	7
	86 2-Chlorotoluene	91		21.681				ND	7
	87 4-Ethyltoluene	105		21.729				ND	7
	88 1,3,5-Trimethylbenzene	105		21.825				ND	7
	91 tert-Butylbenzene	119		22.307				ND	
	92 1,2,4-Trimethylbenzene	105		22.393				ND	7
	93 sec-Butylbenzene	105		22.628				ND	7
	94 1,3-Dichlorobenzene	146		22.799				ND	7
	95 4-Isopropyltoluene	119		22.842				ND	7
	96 1,4-Dichlorobenzene	146		22.938				ND	7
	97 Benzyl chloride	91		23.077				ND	
	98 n-Butylbenzene	91		23.398				ND	7
	99 1,2-Dichlorobenzene	146		23.425				ND	7
	102 1,2,4-Trichlorobenzene	180		25.870				ND	
	103 Hexachlorobutadiene	225		26.127				ND	
	104 Naphthalene	128		26.346				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15ClSs_00012 Amount Added: 20.00 Units: mL Run Reagent

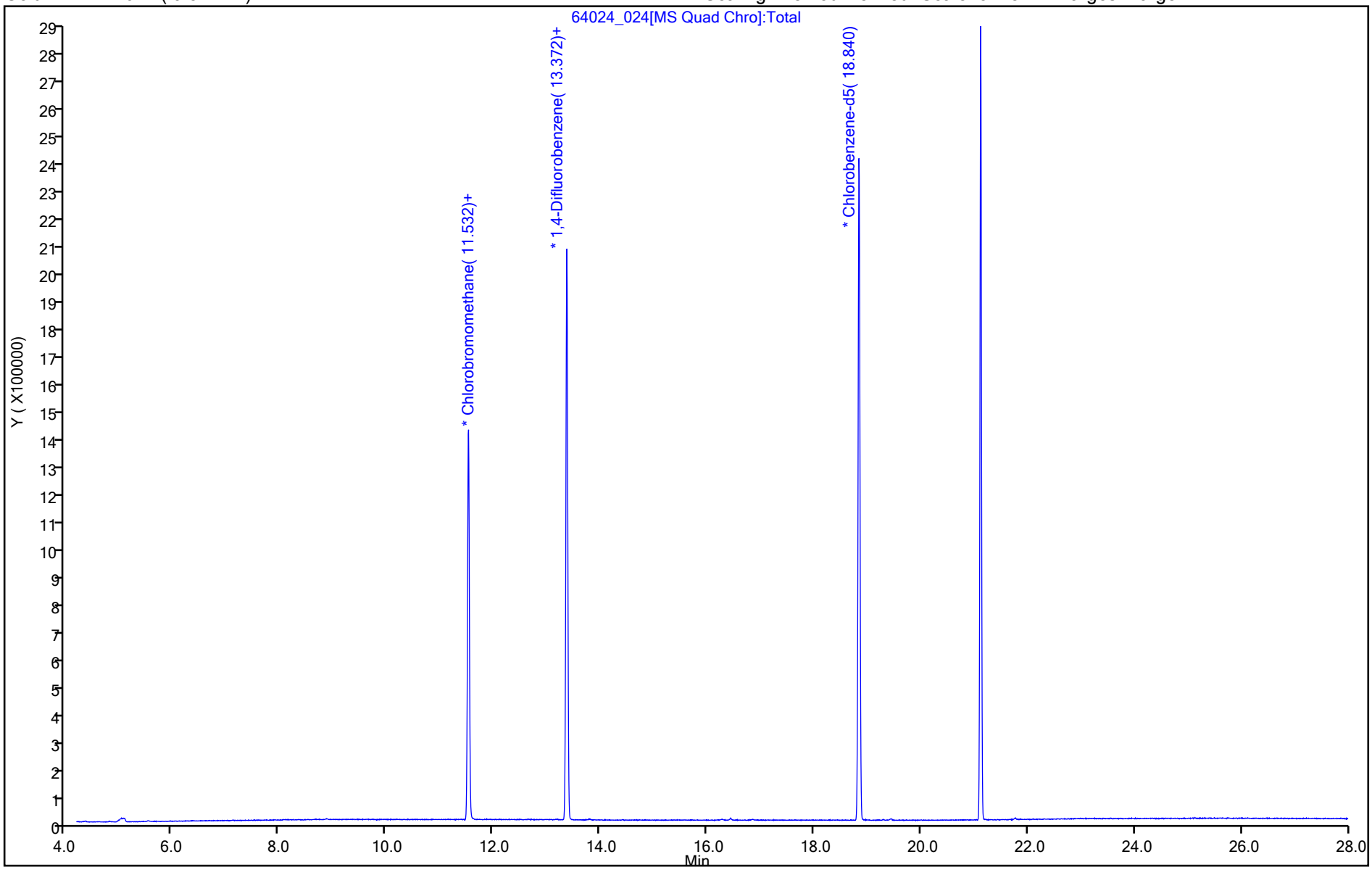
Report Date: 18-Feb-2025 07:17:57 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250217-64024.b\64024_024.D

Injection Date:	18-Feb-2025 04:49:52	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76939-A-5	Lab Sample ID:	200-76939-5	Worklist Smp#:	24
Client ID:	3340				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	23
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3210 Lab Sample ID: 200-76939-6

Matrix: Air Lab File ID: 64038_019.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 23:08

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213709 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3210 Lab Sample ID: 200-76939-6

Matrix: Air Lab File ID: 64038_019.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 23:08

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213709 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 3210 Lab Sample ID: 200-76939-6

Matrix: Air Lab File ID: 64038_019.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 23:08

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213709 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250218-64038.b\64038_019.D
Lims ID: 200-76939-A-6
Client ID: 3210
Sample Type: Client
Inject. Date: 18-Feb-2025 23:08:48 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064038-019
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250218-64038.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Feb-2025 14:22:57 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: YWL8 Date: 19-Feb-2025 14:22:57

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.272				ND	7
	2 Dichlorodifluoromethane	85		4.374				ND	
	3 Chlorodifluoromethane	51		4.422				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.743				ND	
	5 Chloromethane	50		4.872				ND	7
	7 Butane	43		5.177				ND	7
	6 Vinyl chloride	62		5.177				ND	
	8 Butadiene	54		5.294				ND	
	9 Bromomethane	94		6.043				ND	
	10 Chloroethane	64		6.321				ND	
	13 Vinyl bromide	106		6.755				ND	
	14 Trichlorofluoromethane	101		6.915				ND	
	16 Ethanol	45		7.322				ND	
	20 1,1-Dichloroethene	96		8.007				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
	22 Acetone	43		8.098				ND	7
	23 Isopropyl alcohol	45	8.424	8.403	0.022	97	44023	0.6132	
	24 Carbon disulfide	76		8.408				ND	
	26 3-Chloro-1-propene	41		8.718				ND	7
	27 Methylene Chloride	49		8.959				ND	7
	28 2-Methyl-2-propanol	59		9.189				ND	
	30 trans-1,2-Dichloroethene	61		9.456				ND	7
	31 Methyl tert-butyl ether	73		9.456				ND	
	32 Hexane	57		9.965				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.243				ND	
	34 Vinyl acetate	43		10.248				ND	
	36 2-Butanone (MEK)	72		11.233				ND	
	37 cis-1,2-Dichloroethene	96		11.254				ND	
	38 Ethyl acetate	88		11.307				ND	
*	39 Chlorobromomethane	128	11.672	11.671	0.001	96	307857	10.0	
	40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.987				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1487804	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.426				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.560				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.902				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.972				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.770				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.331				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.882				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.001	91	1322509	10.0	
	74 Chlorobenzene	112		19.091				ND	
	75 Ethylbenzene	91		19.279				ND	MU
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.830				ND	
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.440				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.761				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.078				ND	
	103 Hexachlorobutadiene	225		26.324				ND	
	104 Naphthalene	128		26.576				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004	Amount Added:	20.00	Units: mL	Run Reagent

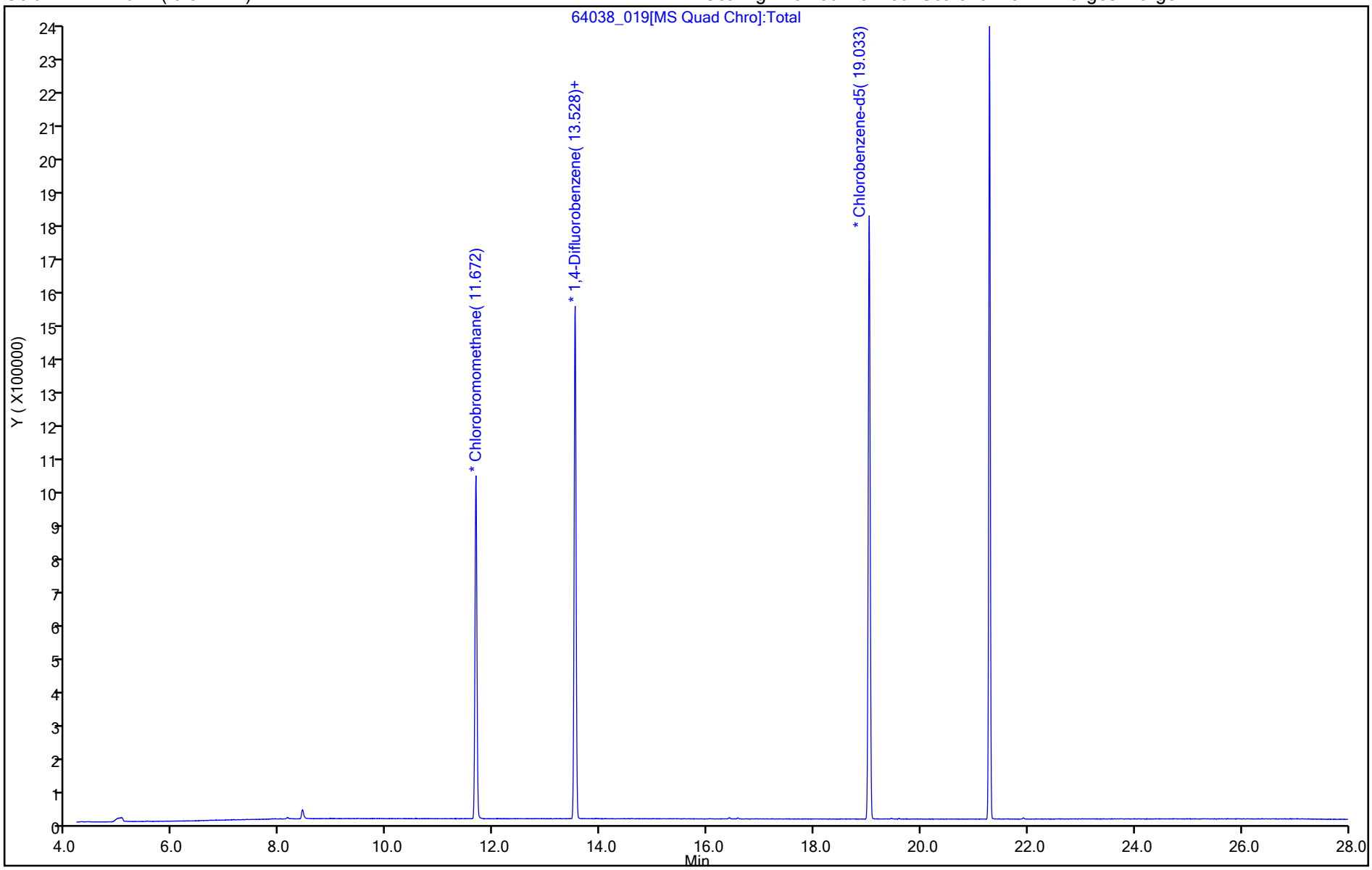
Report Date: 19-Feb-2025 14:22:58 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250218-64038.b\64038_019.D

Injection Date:	18-Feb-2025 23:08:48	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76939-A-6	Lab Sample ID:	200-76939-6	Worklist Smp#:	19
Client ID:	3210				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	18
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



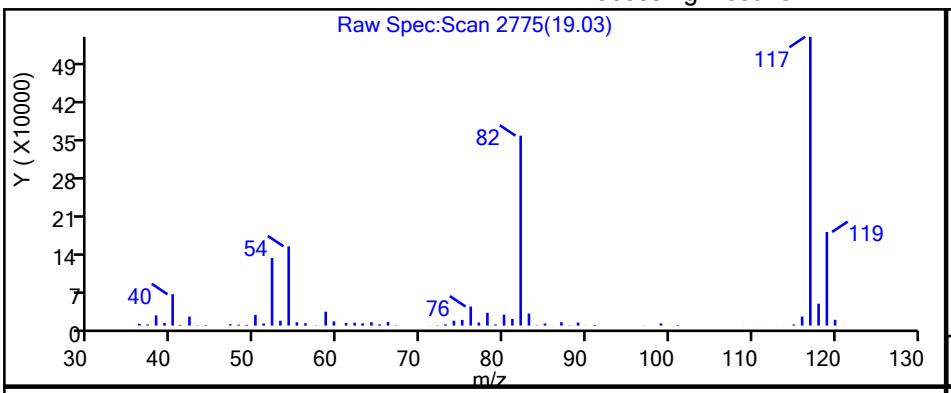
User Disabled Compound Report

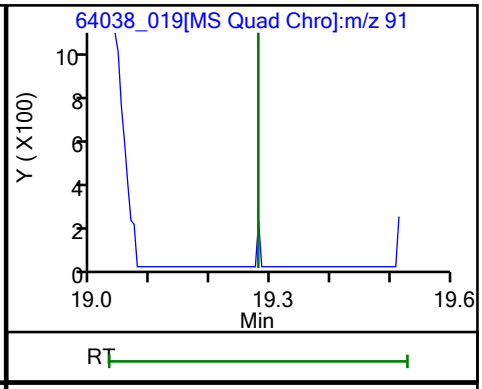
Eurofins Burlington

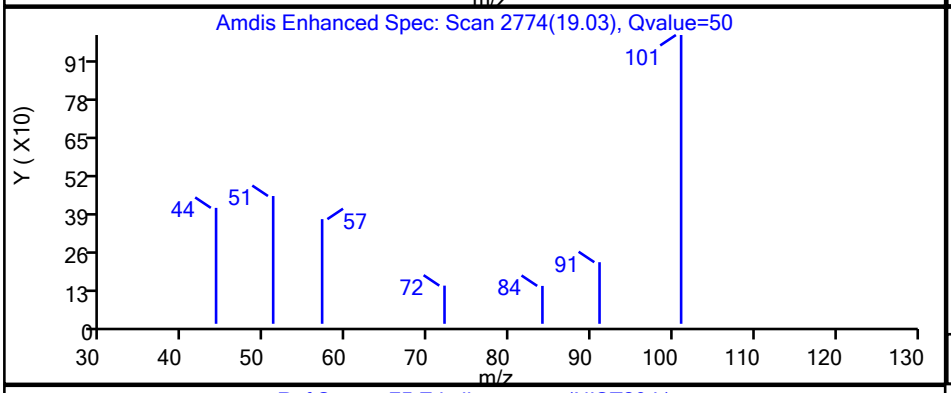
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250218-64038.b\64038_019.D				
Injection Date:	18-Feb-2025 23:08:48	Instrument ID:	CHAM.i		
Lims ID:	200-76939-A-6	Lab Sample ID:	200-76939-6		
Client ID:	3210				
Operator ID:	vtp	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

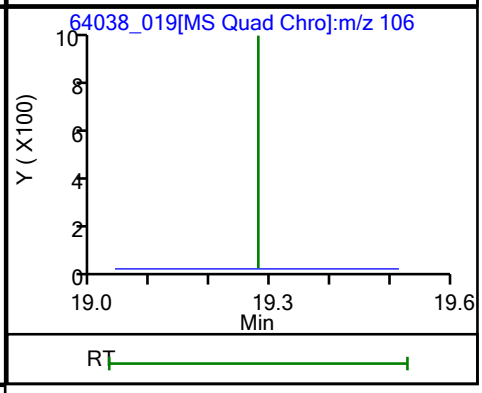
75 Ethylbenzene, CAS: 100-41-4

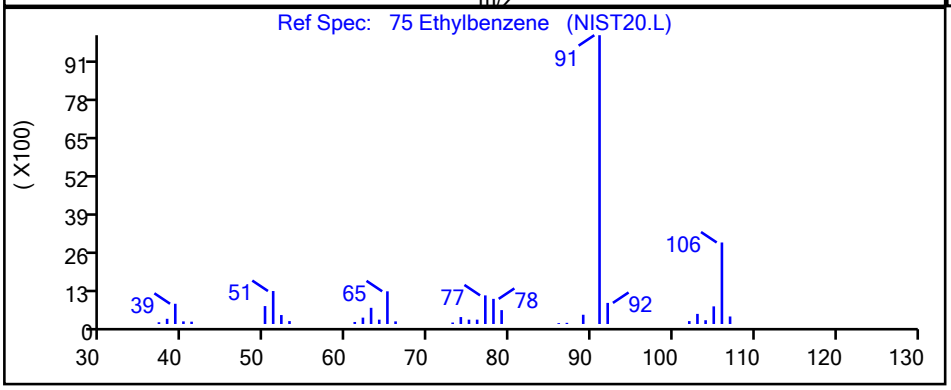
Processing Results











RT	Mass	Response	Amount
19.03	91.00	3066	0.014329
19.28	106.00	0	

Reviewer: YWL8, 19-Feb-2025 14:22:50 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5628 | Lab Sample ID: 200-76939-7

Matrix: Air | Lab File ID: 64051_026.D

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/20/2025 05:46

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213741 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5628 Lab Sample ID: 200-76939-7

Matrix: Air Lab File ID: 64051_026.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/20/2025 05:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213741 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5628 Lab Sample ID: 200-76939-7

Matrix: Air Lab File ID: 64051_026.D

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/20/2025 05:46

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213741 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250219-64051.b\64051_026.D
Lims ID: 200-76939-A-7
Client ID: 5628
Sample Type: Client
Inject. Date: 20-Feb-2025 05:46:22 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064051-026
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250219-64051.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 20-Feb-2025 08:26:20 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: BKZ7 Date: 20-Feb-2025 08:26:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.278				ND	MU
2 Dichlorodifluoromethane	85		4.374				ND	
3 Chlorodifluoromethane	51		4.428				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
5 Chloromethane	50		4.877				ND	MU
7 Butane	43	5.204	5.177	0.027	97	12401	0.1705	
6 Vinyl chloride	62		5.182				ND	
8 Butadiene	54		5.294				ND	
9 Bromomethane	94		6.049				ND	
10 Chloroethane	64		6.327				ND	
13 Vinyl bromide	106		6.755				ND	
14 Trichlorofluoromethane	101		6.921				ND	
16 Ethanol	45		7.327				ND	
20 1,1-Dichloroethene	96		8.007				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
22 Acetone	43		8.098				ND	7
23 Isopropyl alcohol	45		8.408				ND	
24 Carbon disulfide	76	8.413	8.413	0.000	99	5949	0.0449	
26 3-Chloro-1-propene	41		8.718				ND	
27 Methylene Chloride	49		8.959				ND	7
28 2-Methyl-2-propanol	59		9.189				ND	
30 trans-1,2-Dichloroethene	61		9.457				ND	
31 Methyl tert-butyl ether	73		9.462				ND	
32 Hexane	57	9.965	9.965	0.000	89	6793	0.0947	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
33 1,1-Dichloroethane	63		10.243				ND	
34 Vinyl acetate	43		10.248				ND	
36 2-Butanone (MEK)	72		11.233				ND	
37 cis-1,2-Dichloroethene	96		11.254				ND	
38 Ethyl acetate	88		11.308				ND	
* 39 Chlorobromomethane	128	11.671	11.671	0.000	96	294249	10.0	
40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43	13.292	13.298	-0.006	93	3921	0.0465	
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1422995	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.560				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	7
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.764				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.326				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.883				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	91	1259958	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.825				ND	
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.762				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.078				ND	
	103 Hexachlorobutadiene	225		26.324				ND	
	104 Naphthalene	128		26.576				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15AMISs_00004	Amount Added:	20.00	Units: mL	Run Reagent

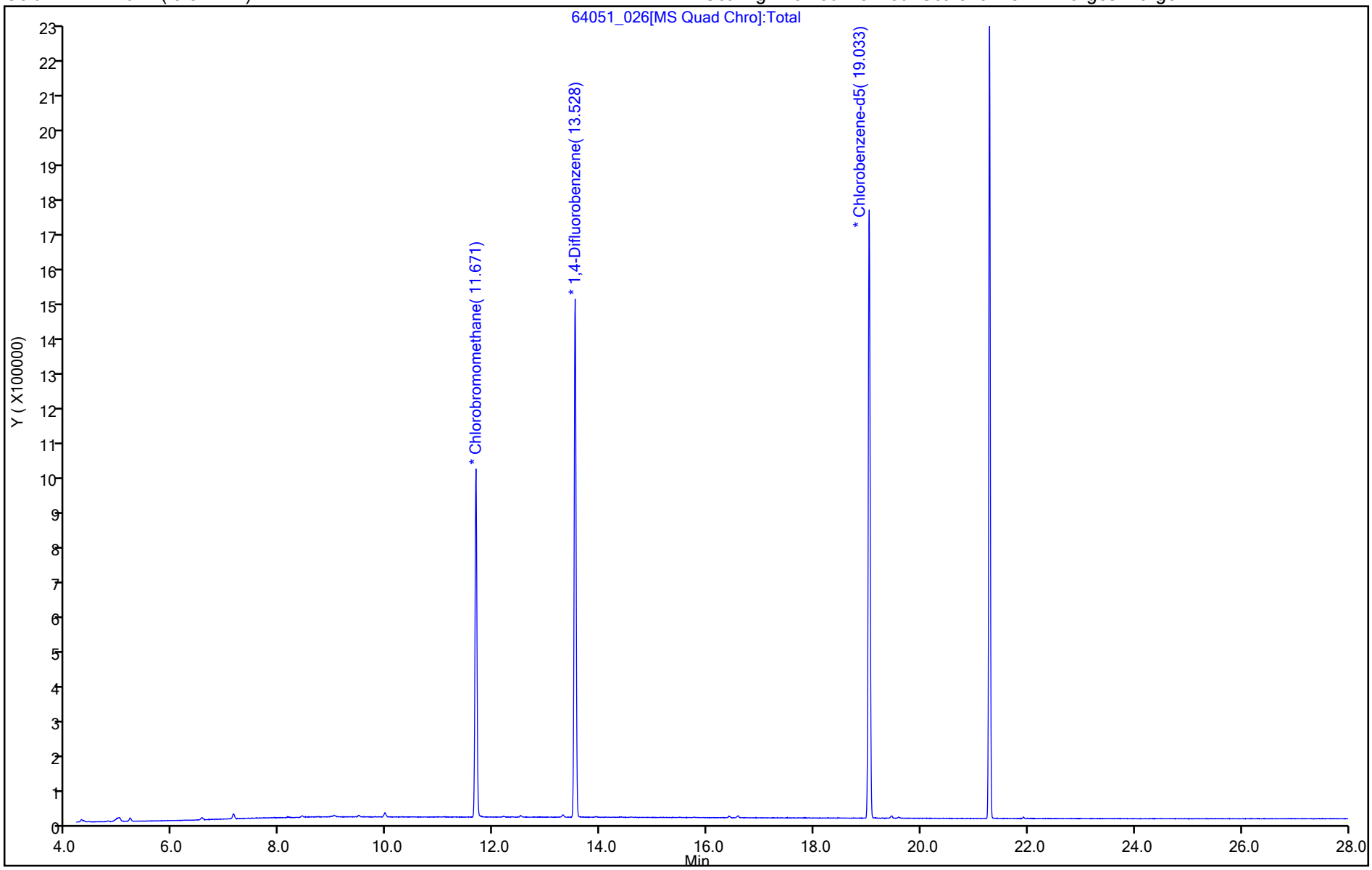
Report Date: 20-Feb-2025 08:26:20 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250219-64051.b\64051_026.D

Injection Date:	20-Feb-2025 05:46:22	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-76939-A-7	Lab Sample ID:	200-76939-7	Worklist Smp#:	26
Client ID:	5628				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	25
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



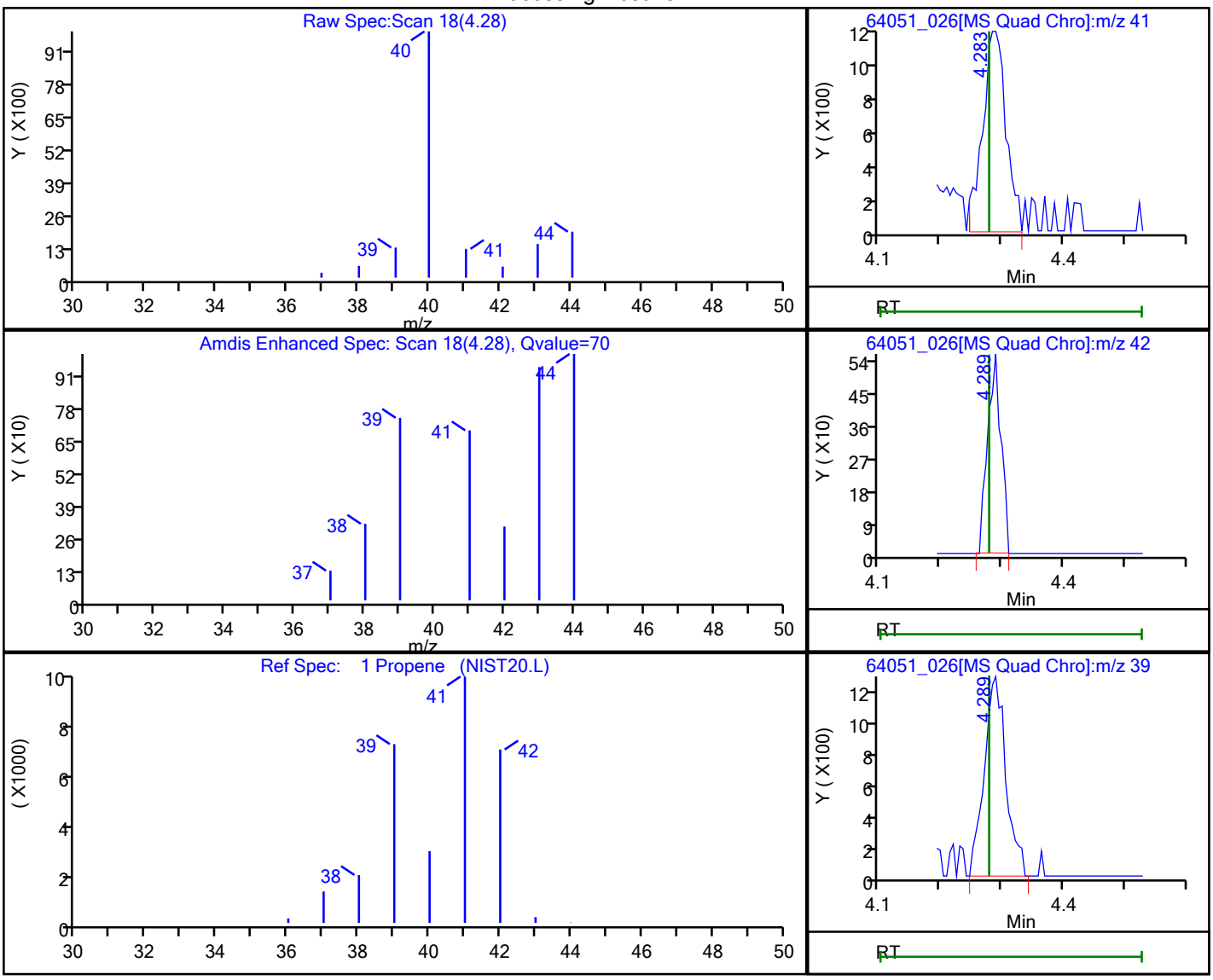
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250219-64051.b\64051_026.D				
Injection Date:	20-Feb-2025 05:46:22	Instrument ID:	CHAM.i		
Lims ID:	200-76939-A-7	Lab Sample ID:	200-76939-7		
Client ID:	5628				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
4.28	41.00	3079	0.137452
4.29	42.00	849	
4.29	39.00	3117	

Reviewer: BKZ7, 20-Feb-2025 08:26:00 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

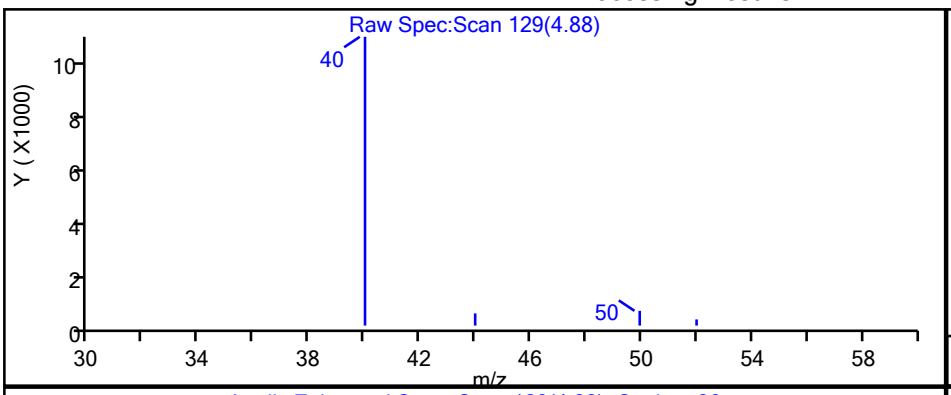
User Disabled Compound Report

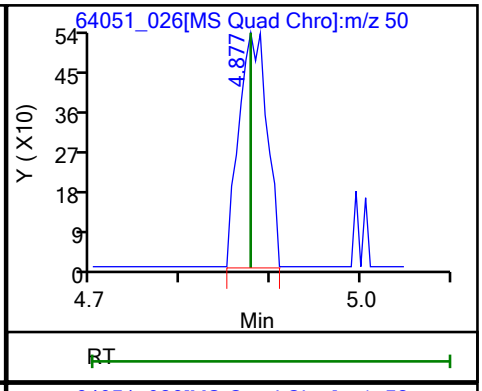
Eurofins Burlington

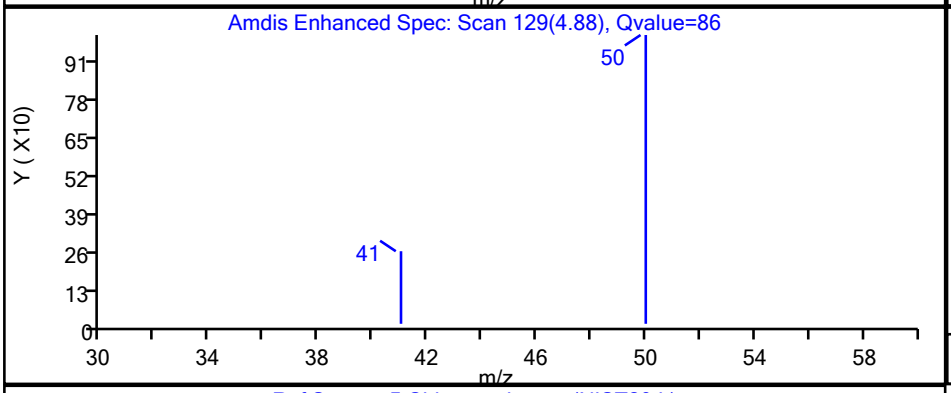
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250219-64051.b\64051_026.D				
Injection Date:	20-Feb-2025 05:46:22	Instrument ID:	CHAM.i		
Lims ID:	200-76939-A-7	Lab Sample ID:	200-76939-7		
Client ID:	5628				
Operator ID:	vtp	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

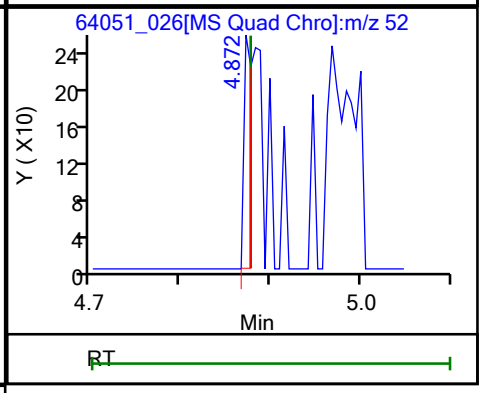
5 Chloromethane, CAS: 74-87-3

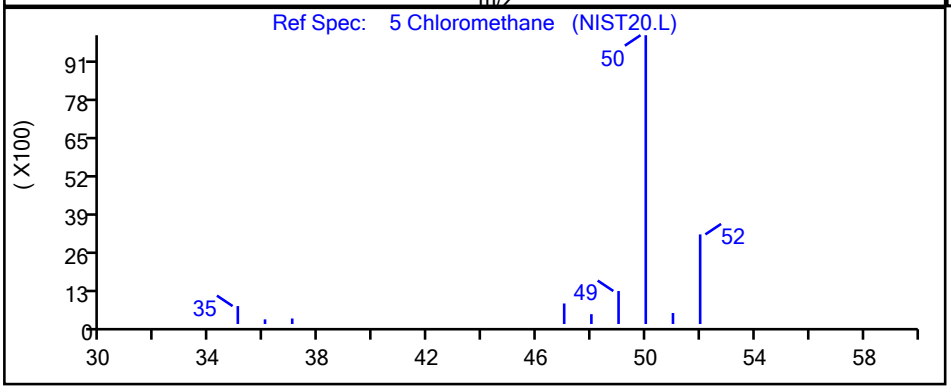
Processing Results











RT	Mass	Response	Amount
4.88	50.00	1165	0.036875
4.87	52.00	155	

Reviewer: BKZ7, 20-Feb-2025 08:26:06 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 2862 Lab Sample ID: 200-76939-8

Matrix: Air Lab File ID: 64039-19.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 23:39

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 2862 | Lab Sample ID: 200-76939-8

Matrix: Air | Lab File ID: 64039-19.d

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2025 23:39

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213710 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 2862 Lab Sample ID: 200-76939-8

Matrix: Air Lab File ID: 64039-19.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 23:39

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-19.d
Lims ID: 200-76939-A-8
Client ID: 2862
Sample Type: Client
Inject. Date: 18-Feb-2025 23:39:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064039-019
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Feb-2025 14:26:58 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: YWL8 Date: 19-Feb-2025 14:26:58

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.072				ND	7
	2 Dichlorodifluoromethane	85		4.157				ND	
	3 Chlorodifluoromethane	51		4.200				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.500				ND	
	5 Chloromethane	50		4.618				ND	7
	6 Vinyl chloride	62		4.906				ND	
	7 Butane	43		4.912				ND	7
	8 Butadiene	54		5.019				ND	
	9 Bromomethane	94		5.762				ND	
	10 Chloroethane	64		6.057				ND	
	13 Vinyl bromide	106		6.533				ND	
	14 Trichlorofluoromethane	101		6.715				ND	
	16 Ethanol	45		7.153				ND	
	20 1,1-Dichloroethene	96		7.956				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.004				ND	
	22 Acetone	43		8.041				ND	7
	23 Isopropyl alcohol	45		8.400				ND	
	24 Carbon disulfide	76	8.448	8.452	0.000	1	873	0.0175	
	26 3-Chloro-1-propene	41		8.785				ND	
	27 Methylene Chloride	49	9.074	9.067	0.011	93	1302	0.0675	
	28 2-Methyl-2-propanol	59		9.315				ND	
	30 trans-1,2-Dichloroethene	61		9.673				ND	
	31 Methyl tert-butyl ether	73		9.678				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	32 Hexane	57		10.278				ND	
	33 1,1-Dichloroethane	63		10.572				ND	
	34 Vinyl acetate	43		10.582				ND	
	36 2-Butanone (MEK)	72		11.674				ND	
	37 cis-1,2-Dichloroethene	96		11.711				ND	
	38 Ethyl acetate	88		11.770				ND	
*	39 Chlorobromomethane	128	12.177	12.171	0.006	96	130989	10.0	
	40 Tetrahydrofuran	42		12.225				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		12.364				ND	
	42 1,1,1-Trichloroethane	97		12.712				ND	
	43 Cyclohexane	84		12.878				ND	
	44 Carbon tetrachloride	117		13.027				ND	
	45 Benzene	78		13.396				ND	
	46 1,2-Dichloroethane	62		13.471				ND	
	47 Isooctane	57		13.632				ND	
	48 n-Heptane	43		13.958				ND	7
*	49 1,4-Difluorobenzene	114	14.188	14.183	0.005	95	611497	10.0	
	51 Trichloroethene	95		14.654				ND	
	53 1,2-Dichloropropane	63		15.135				ND	
	54 Methyl methacrylate	69		15.210				ND	
	55 1,4-Dioxane	88		15.263				ND	
	57 Dibromomethane	174		15.306				ND	
	58 Dichlorobromomethane	83		15.622				ND	
	59 cis-1,3-Dichloropropene	75		16.462				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		16.713				ND	
	62 Toluene	92		17.136				ND	
	66 trans-1,3-Dichloropropene	75		17.548				ND	
	67 1,1,2-Trichloroethane	83		17.938				ND	
	68 Tetrachloroethene	166		18.168				ND	
	69 2-Hexanone	43		18.340				ND	
	70 Chlorodibromomethane	129		18.714				ND	
	71 Ethylene Dibromide	107		18.971				ND	
*	73 Chlorobenzene-d5	117	19.902	19.902	0.000	87	532253	10.0	
	74 Chlorobenzene	112		19.961				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	75 Ethylbenzene	91		20.142				ND	MU
	76 m-Xylene & p-Xylene	106		20.399				ND	
	78 o-Xylene	106		21.105				ND	
	79 Styrene	104		21.137				ND	
	81 Bromoform	173		21.458				ND	
	82 Isopropylbenzene	105		21.726				ND	
	83 1,1,2,2-Tetrachloroethane	83		22.186				ND	
	85 N-Propylbenzene	91		22.384				ND	
	86 2-Chlorotoluene	91		22.534				ND	
	87 4-Ethyltoluene	105		22.566				ND	
	88 1,3,5-Trimethylbenzene	105		22.651				ND	
	91 tert-Butylbenzene	119		23.111				ND	
	92 1,2,4-Trimethylbenzene	105		23.197				ND	
	93 sec-Butylbenzene	105		23.432				ND	
	94 1,3-Dichlorobenzene	146		23.625				ND	
	95 4-Isopropyltoluene	119		23.646				ND	
	96 1,4-Dichlorobenzene	146		23.775				ND	
	97 Benzyl chloride	91		23.919				ND	
	98 n-Butylbenzene	91		24.246				ND	
	99 1,2-Dichlorobenzene	146		24.310				ND	
	102 1,2,4-Trichlorobenzene	180		27.022				ND	
	103 Hexachlorobutadiene	225		27.295				ND	
	104 Naphthalene	128		27.578				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15WISs_00010	Amount Added:	20.00	Units: mL	Run Reagent

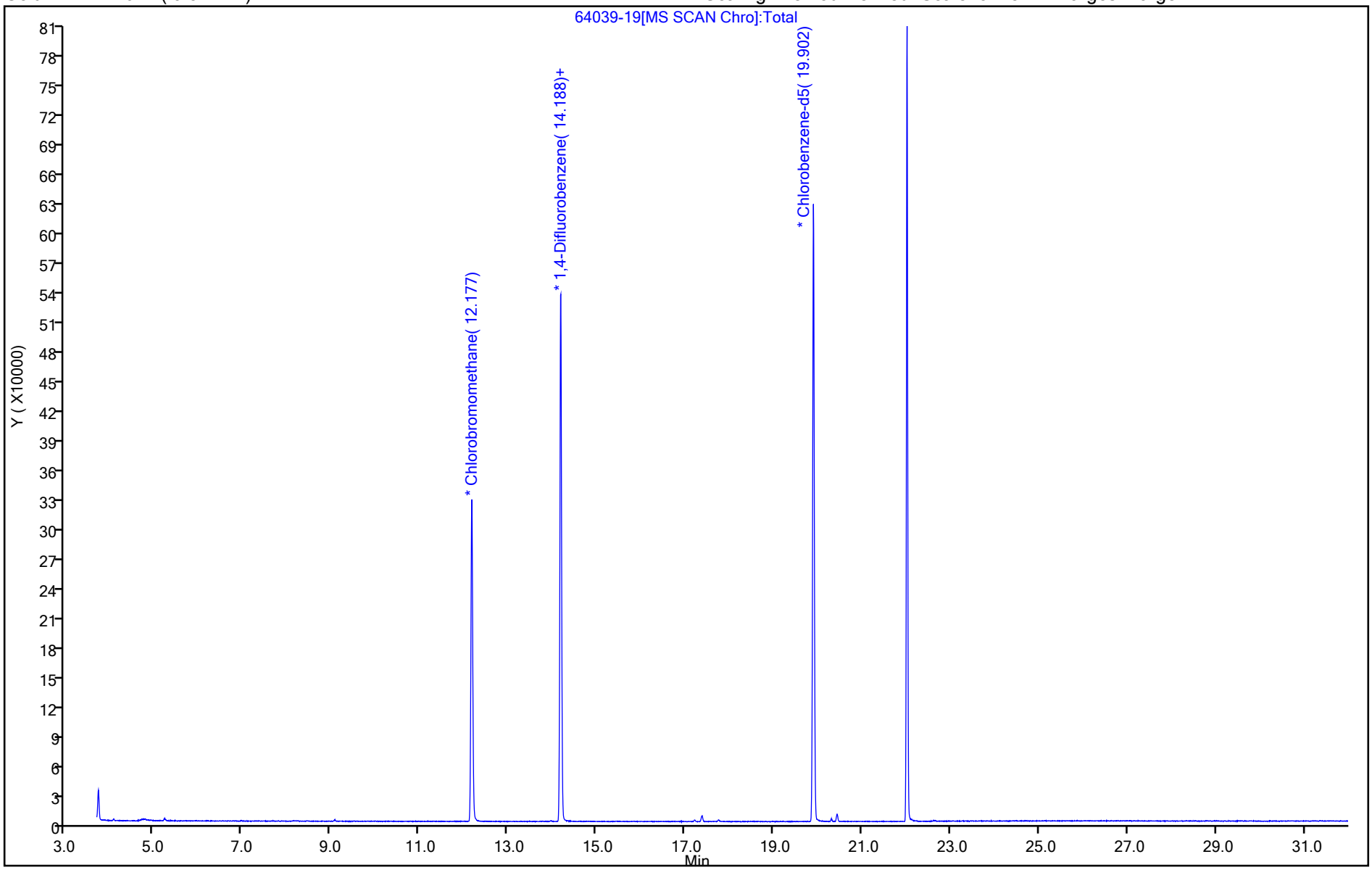
Report Date: 19-Feb-2025 14:26:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-19.d

Injection Date:	18-Feb-2025 23:39:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-76939-A-8	Lab Sample ID:	200-76939-8	Worklist Smp#:	19
Client ID:	2862				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	18
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



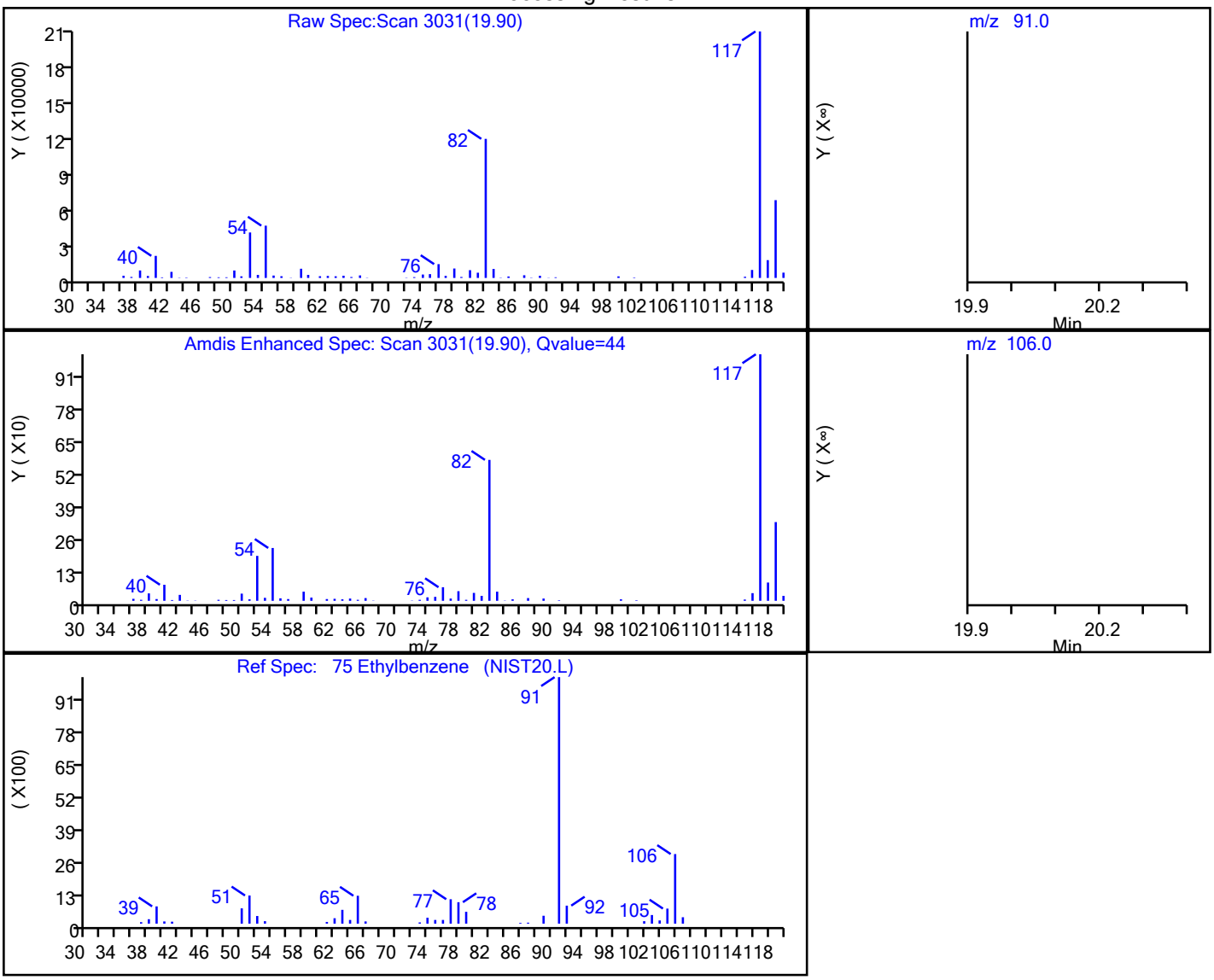
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-19.d				
Injection Date:	18-Feb-2025 23:39:30	Instrument ID:	CHW.i		
Lims ID:	200-76939-A-8	Lab Sample ID:	200-76939-8		
Client ID:	2862				
Operator ID:	vtp	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.90	91.00	1026	0.013183
20.14	106.00	0	

Reviewer: YWL8, 19-Feb-2025 14:26:50 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 4819 | Lab Sample ID: 200-76939-9

Matrix: Air | Lab File ID: 64039-20.d

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/19/2025 00:44

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213710 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 4819 Lab Sample ID: 200-76939-9

Matrix: Air Lab File ID: 64039-20.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/19/2025 00:44

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 4819 Lab Sample ID: 200-76939-9

Matrix: Air Lab File ID: 64039-20.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/19/2025 00:44

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-20.d
Lims ID: 200-76939-A-9
Client ID: 4819
Sample Type: Client
Inject. Date: 19-Feb-2025 00:44:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064039-020
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Feb-2025 14:27:52 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: YWL8 Date: 19-Feb-2025 14:27:52

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	4.077	4.074	0.005	92	1759	0.1276	
	2 Dichlorodifluoromethane	85		4.157				ND	
	3 Chlorodifluoromethane	51		4.200				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.500				ND	
	5 Chloromethane	50	4.612	4.620	-0.006	38	608	0.0390	
	6 Vinyl chloride	62		4.906				ND	
	7 Butane	43		4.912				ND	7
	8 Butadiene	54		5.019				ND	
	9 Bromomethane	94		5.762				ND	
	10 Chloroethane	64		6.057				ND	
	13 Vinyl bromide	106		6.533				ND	
	14 Trichlorofluoromethane	101		6.715				ND	
	16 Ethanol	45		7.153				ND	
	20 1,1-Dichloroethene	96		7.956				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.004				ND	
	22 Acetone	43		8.041				ND	
	23 Isopropyl alcohol	45		8.400				ND	7
	24 Carbon disulfide	76	8.453	8.452	0.005	97	1662	0.0321	
	26 3-Chloro-1-propene	41		8.785				ND	
	27 Methylene Chloride	49	9.063	9.063	0.000	88	1405	0.0703	M
	28 2-Methyl-2-propanol	59		9.315				ND	
	30 trans-1,2-Dichloroethene	61		9.673				ND	
	31 Methyl tert-butyl ether	73		9.678				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	32 Hexane	57		10.278				ND	
	33 1,1-Dichloroethane	63		10.572				ND	
	34 Vinyl acetate	43		10.582				ND	
	36 2-Butanone (MEK)	72		11.674				ND	
	37 cis-1,2-Dichloroethene	96		11.711				ND	
	38 Ethyl acetate	88		11.770				ND	
*	39 Chlorobromomethane	128	12.177	12.171	0.006	95	135760	10.0	
	40 Tetrahydrofuran	42		12.225				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		12.364				ND	
	42 1,1,1-Trichloroethane	97		12.712				ND	
	43 Cyclohexane	84		12.878				ND	
	44 Carbon tetrachloride	117		13.027				ND	
	45 Benzene	78		13.396				ND	
	46 1,2-Dichloroethane	62		13.471				ND	
	47 Isooctane	57		13.632				ND	
	48 n-Heptane	43		13.958				ND	
*	49 1,4-Difluorobenzene	114	14.188	14.183	0.005	95	649656	10.0	
	51 Trichloroethene	95		14.654				ND	
	53 1,2-Dichloropropane	63		15.135				ND	
	54 Methyl methacrylate	69		15.210				ND	
	55 1,4-Dioxane	88		15.263				ND	
	57 Dibromomethane	174		15.306				ND	
	58 Dichlorobromomethane	83		15.622				ND	
	59 cis-1,3-Dichloropropene	75		16.462				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		16.713				ND	
	62 Toluene	92		17.136				ND	
	66 trans-1,3-Dichloropropene	75		17.548				ND	
	67 1,1,2-Trichloroethane	83		17.938				ND	
	68 Tetrachloroethene	166		18.168				ND	
	69 2-Hexanone	43		18.340				ND	
	70 Chlorodibromomethane	129		18.714				ND	
	71 Ethylene Dibromide	107		18.971				ND	
*	73 Chlorobenzene-d5	117	19.902	19.902	0.000	87	557940	10.0	
	74 Chlorobenzene	112		19.961				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	75 Ethylbenzene	91		20.142				ND	MU
	76 m-Xylene & p-Xylene	106		20.399				ND	
	78 o-Xylene	106		21.105				ND	
	79 Styrene	104		21.137				ND	
	81 Bromoform	173		21.458				ND	
	82 Isopropylbenzene	105		21.726				ND	
	83 1,1,2,2-Tetrachloroethane	83		22.186				ND	7
	85 N-Propylbenzene	91		22.384				ND	
	86 2-Chlorotoluene	91		22.534				ND	
	87 4-Ethyltoluene	105		22.566				ND	
	88 1,3,5-Trimethylbenzene	105		22.651				ND	
	91 tert-Butylbenzene	119		23.111				ND	
	92 1,2,4-Trimethylbenzene	105		23.197				ND	
	93 sec-Butylbenzene	105		23.432				ND	
	94 1,3-Dichlorobenzene	146		23.625				ND	
	95 4-Isopropyltoluene	119		23.646				ND	
	96 1,4-Dichlorobenzene	146		23.775				ND	
	97 Benzyl chloride	91		23.919				ND	
	98 n-Butylbenzene	91		24.246				ND	
	99 1,2-Dichlorobenzene	146		24.310				ND	
	102 1,2,4-Trichlorobenzene	180		27.022				ND	
	103 Hexachlorobutadiene	225		27.295				ND	
	104 Naphthalene	128		27.578				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

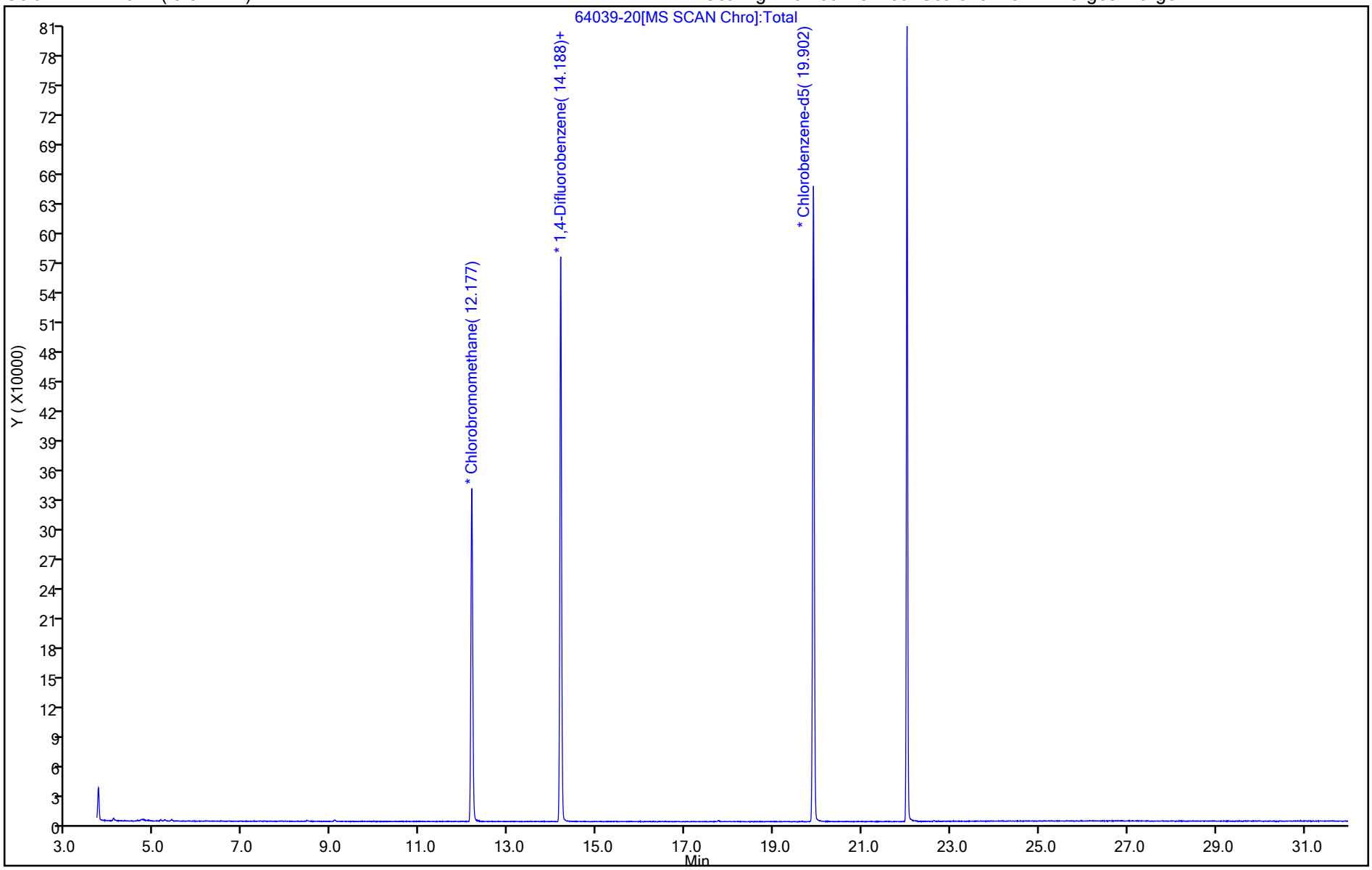
Report Date: 19-Feb-2025 14:27:53 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-20.d

Injection Date:	19-Feb-2025 00:44:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-76939-A-9	Lab Sample ID:	200-76939-9	Worklist Smp#:	20
Client ID:	4819				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	19
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

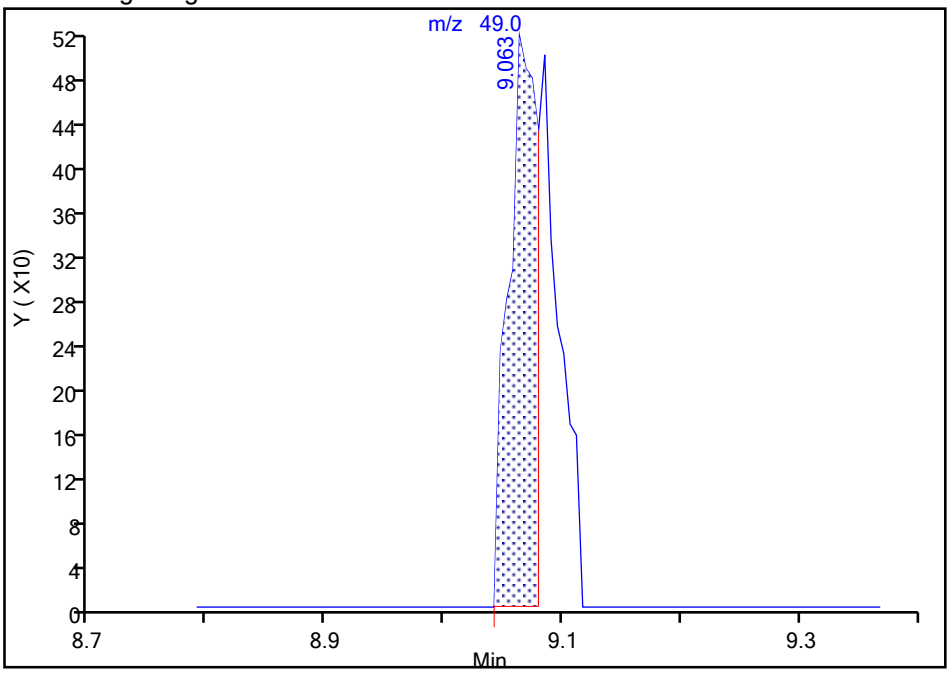
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-20.d				
Injection Date:	19-Feb-2025 00:44:30	Instrument ID:	CHW.i		
Lims ID:	200-76939-A-9	Lab Sample ID:	200-76939-9		
Client ID:	4819				
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

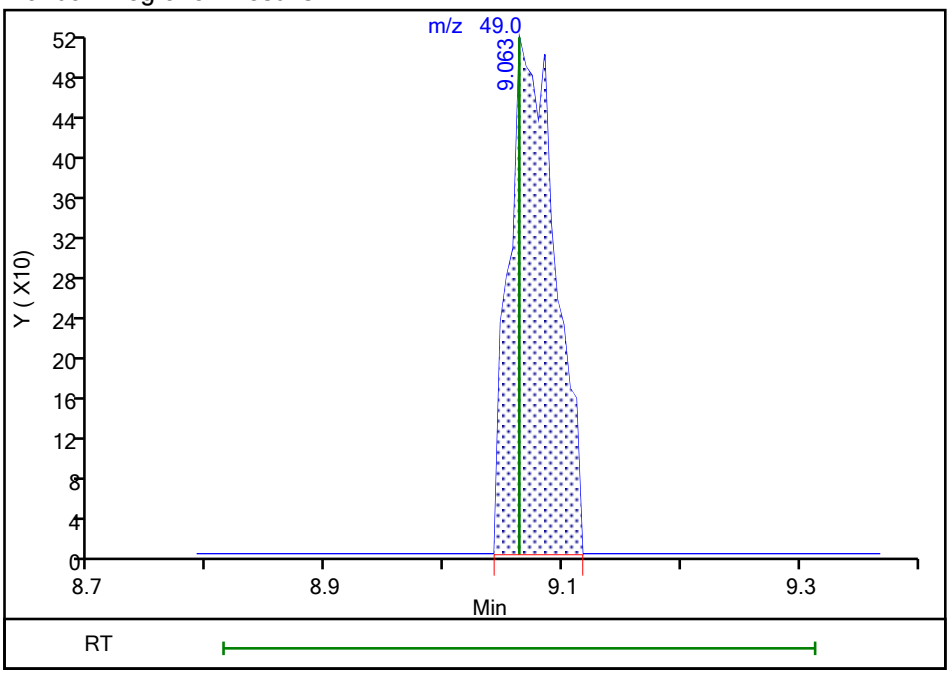
Processing Integration Results

RT: 9.06
Area: 878
Amount: 0.043950
Amount Units: ppb v/v



Manual Integration Results

RT: 9.06
Area: 1405
Amount: 0.070330
Amount Units: ppb v/v



Reviewer: YWL8, 19-Feb-2025 14:27:28 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

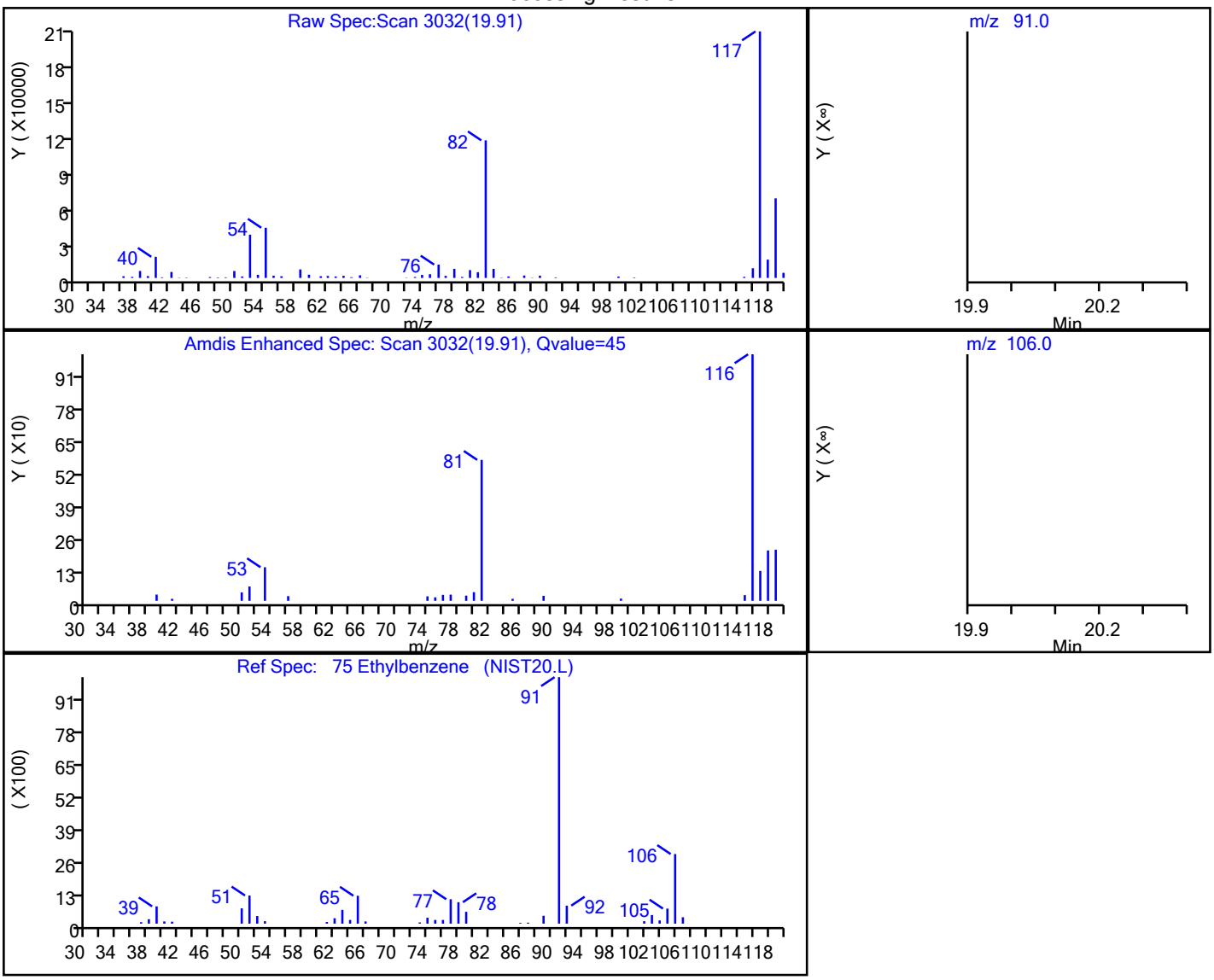
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-20.d				
Injection Date:	19-Feb-2025 00:44:30	Instrument ID:	CHW.i		
Lims ID:	200-76939-A-9	Lab Sample ID:	200-76939-9		
Client ID:	4819				
Operator ID:	vtp	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.91	91.00	1195	0.014648
20.14	106.00	0	

Reviewer: YWL8, 19-Feb-2025 14:27:42 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 4369 Lab Sample ID: 200-76939-10

Matrix: Air Lab File ID: 64039-21.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/19/2025 01:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 4369 Lab Sample ID: 200-76939-10

Matrix: Air Lab File ID: 64039-21.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/19/2025 01:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 4369 Lab Sample ID: 200-76939-10

Matrix: Air Lab File ID: 64039-21.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/19/2025 01:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-21.d
Lims ID: 200-76939-A-10
Client ID: 4369
Sample Type: Client
Inject. Date: 19-Feb-2025 01:48:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064039-021
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Feb-2025 15:59:30 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: YWL8 Date: 19-Feb-2025 15:59:30

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.072				ND	7
	2 Dichlorodifluoromethane	85		4.157				ND	
	3 Chlorodifluoromethane	51		4.200				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.500				ND	
	5 Chloromethane	50		4.618				ND	
	6 Vinyl chloride	62		4.906				ND	
	7 Butane	43		4.912				ND	7
	8 Butadiene	54		5.019				ND	
	9 Bromomethane	94		5.762				ND	
	10 Chloroethane	64		6.057				ND	
	13 Vinyl bromide	106		6.533				ND	
	14 Trichlorofluoromethane	101		6.715				ND	
	16 Ethanol	45		7.153				ND	
	20 1,1-Dichloroethene	96		7.956				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.004				ND	
	22 Acetone	43		8.041				ND	
	23 Isopropyl alcohol	45		8.400				ND	
	24 Carbon disulfide	76	8.448	8.448	0.000	99	22306	0.4299	
	26 3-Chloro-1-propene	41		8.785				ND	
	27 Methylene Chloride	49	9.085	9.063	0.022	86	1449	0.0724	
	28 2-Methyl-2-propanol	59		9.315				ND	
	30 trans-1,2-Dichloroethene	61		9.673				ND	
	31 Methyl tert-butyl ether	73		9.678				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	32 Hexane	57		10.278				ND	
	33 1,1-Dichloroethane	63		10.572				ND	
	34 Vinyl acetate	43		10.582				ND	
	36 2-Butanone (MEK)	72		11.674				ND	
	37 cis-1,2-Dichloroethene	96		11.711				ND	
	38 Ethyl acetate	88		11.770				ND	
*	39 Chlorobromomethane	128	12.172	12.171	0.001	95	135924	10.0	
	40 Tetrahydrofuran	42		12.225				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		12.364				ND	
	42 1,1,1-Trichloroethane	97		12.712				ND	
	43 Cyclohexane	84		12.878				ND	
	44 Carbon tetrachloride	117		13.027				ND	
	45 Benzene	78		13.396				ND	
	46 1,2-Dichloroethane	62		13.471				ND	
	47 Isooctane	57		13.632				ND	
	48 n-Heptane	43		13.958				ND	
*	49 1,4-Difluorobenzene	114	14.188	14.183	0.005	95	656820	10.0	
	51 Trichloroethene	95		14.654				ND	
	53 1,2-Dichloropropane	63		15.135				ND	
	54 Methyl methacrylate	69		15.210				ND	
	55 1,4-Dioxane	88		15.263				ND	
	57 Dibromomethane	174		15.306				ND	
	58 Dichlorobromomethane	83		15.622				ND	
	59 cis-1,3-Dichloropropene	75		16.462				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		16.713				ND	
	62 Toluene	92		17.136				ND	
	66 trans-1,3-Dichloropropene	75		17.548				ND	
	67 1,1,2-Trichloroethane	83		17.938				ND	
	68 Tetrachloroethene	166		18.168				ND	
	69 2-Hexanone	43		18.340				ND	
	70 Chlorodibromomethane	129		18.714				ND	
	71 Ethylene Dibromide	107		18.971				ND	
*	73 Chlorobenzene-d5	117	19.902	19.902	0.000	87	562767	10.0	
	74 Chlorobenzene	112		19.961				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	75 Ethylbenzene	91		20.142				ND	MU
	76 m-Xylene & p-Xylene	106		20.399				ND	
	78 o-Xylene	106		21.105				ND	
	79 Styrene	104		21.137				ND	
	81 Bromoform	173		21.458				ND	
	82 Isopropylbenzene	105		21.726				ND	
	83 1,1,2,2-Tetrachloroethane	83		22.186				ND	
	85 N-Propylbenzene	91		22.384				ND	
	86 2-Chlorotoluene	91		22.534				ND	
	87 4-Ethyltoluene	105		22.566				ND	
	88 1,3,5-Trimethylbenzene	105		22.651				ND	
	91 tert-Butylbenzene	119		23.111				ND	
	92 1,2,4-Trimethylbenzene	105		23.197				ND	
	93 sec-Butylbenzene	105		23.432				ND	
	94 1,3-Dichlorobenzene	146		23.625				ND	
	95 4-Isopropyltoluene	119		23.646				ND	
	96 1,4-Dichlorobenzene	146		23.775				ND	
	97 Benzyl chloride	91		23.919				ND	
	98 n-Butylbenzene	91		24.246				ND	
	99 1,2-Dichlorobenzene	146		24.310				ND	
	102 1,2,4-Trichlorobenzene	180		27.022				ND	
	103 Hexachlorobutadiene	225		27.295				ND	7
	104 Naphthalene	128		27.578				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

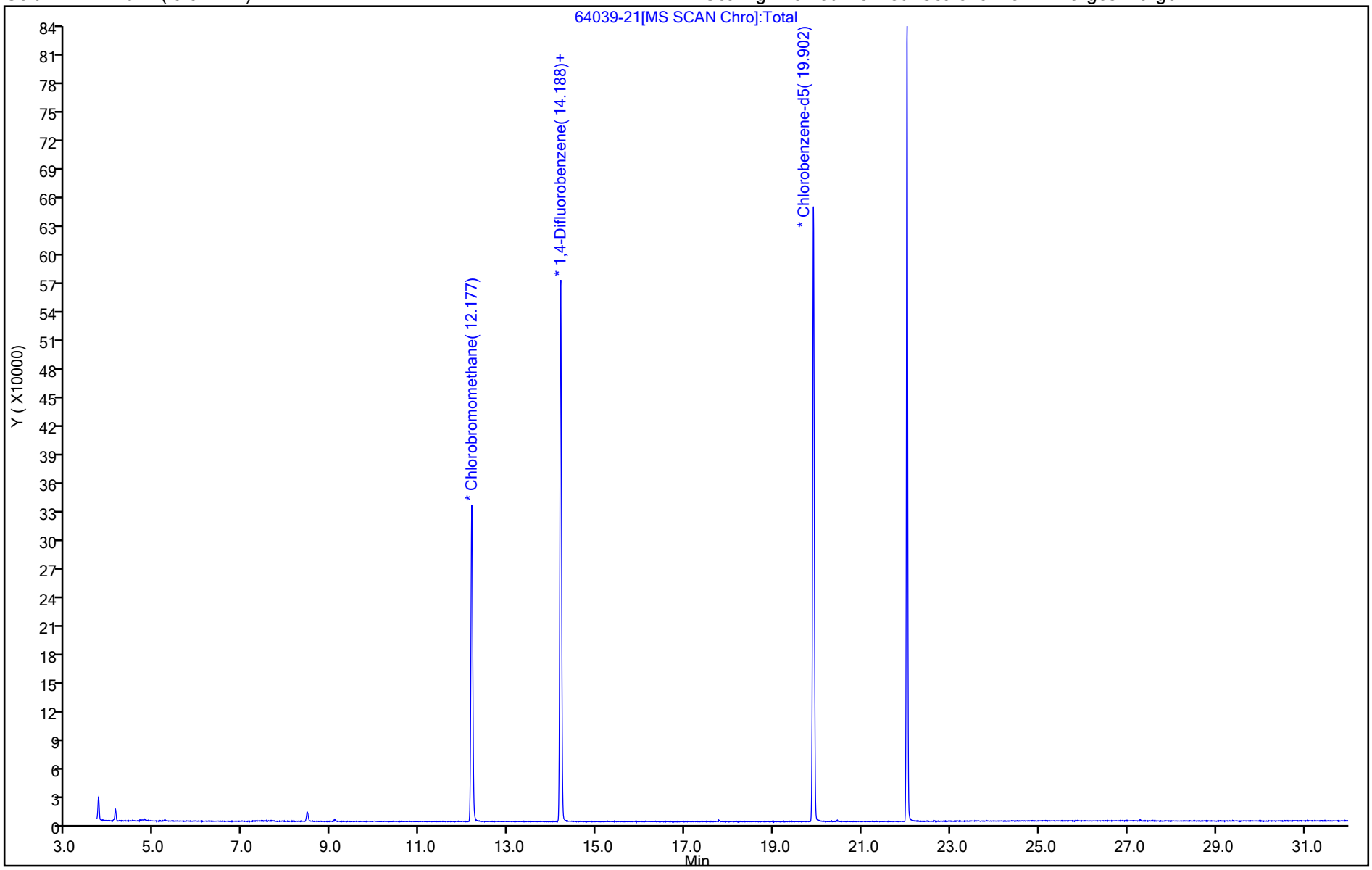
ATTO15WISs_00010	Amount Added:	20.00	Units: mL	Run Reagent

Report Date: 19-Feb-2025 15:59:30 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-21.d				
Injection Date:	19-Feb-2025 01:48:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-76939-A-10	Lab Sample ID:	200-76939-10	Worklist Smp#:	21
Client ID:	4369				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	20
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



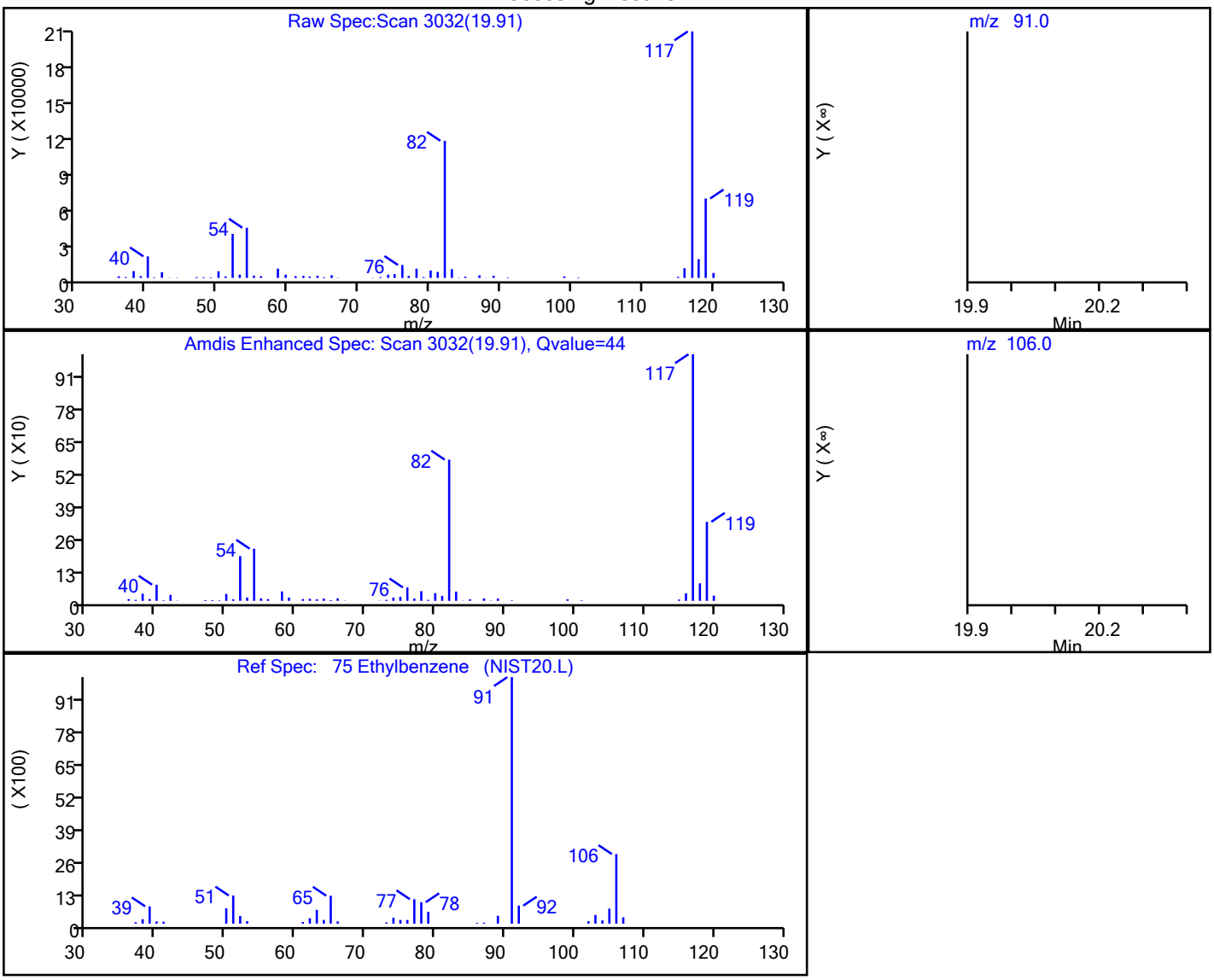
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-21.d				
Injection Date:	19-Feb-2025 01:48:30	Instrument ID:	CHW.i		
Lims ID:	200-76939-A-10	Lab Sample ID:	200-76939-10		
Client ID:	4369				
Operator ID:	vtp	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.91	91.00	1056	0.012833
20.14	106.00	0	

Reviewer: YWL8, 19-Feb-2025 15:59:22 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5398 | Lab Sample ID: 200-76939-11

Matrix: Air | Lab File ID: 64039-07.d

Analysis Method: TO-15 | Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 02/18/2025 12:49

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213710 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5398 Lab Sample ID: 200-76939-11

Matrix: Air Lab File ID: 64039-07.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 12:49

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *+	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76939-1

SDG No.:

Client Sample ID: 5398 Lab Sample ID: 200-76939-11

Matrix: Air Lab File ID: 64039-07.d

Analysis Method: TO-15 Date Collected: 02/11/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/18/2025 12:49

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213710 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-07.d
Lims ID: 200-76939-A-11
Client ID: 5398
Sample Type: Client
Inject. Date: 18-Feb-2025 12:49:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064039-007
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Feb-2025 07:27:35 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: YWL8 Date: 19-Feb-2025 07:27:35

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.072				ND	7
	2 Dichlorodifluoromethane	85		4.157				ND	
	3 Chlorodifluoromethane	51		4.200				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.500				ND	
	5 Chloromethane	50		4.618				ND	7
	6 Vinyl chloride	62		4.906				ND	
	7 Butane	43		4.912				ND	7
	8 Butadiene	54		5.019				ND	
	9 Bromomethane	94		5.762				ND	
	10 Chloroethane	64		6.057				ND	
	13 Vinyl bromide	106		6.533				ND	
	14 Trichlorofluoromethane	101		6.715				ND	
	16 Ethanol	45		7.153				ND	
	20 1,1-Dichloroethene	96		7.956				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.004				ND	
	22 Acetone	43		8.041				ND	7
	23 Isopropyl alcohol	45		8.400				ND	
	24 Carbon disulfide	76		8.448				ND	7
	26 3-Chloro-1-propene	41		8.785				ND	
	27 Methylene Chloride	49	9.074	9.079	0.011	90	1603	0.0740	
	28 2-Methyl-2-propanol	59		9.315				ND	
	30 trans-1,2-Dichloroethene	61		9.673				ND	
	31 Methyl tert-butyl ether	73		9.678				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	32 Hexane	57		10.278				ND	
	33 1,1-Dichloroethane	63		10.572				ND	
	34 Vinyl acetate	43		10.582				ND	
	36 2-Butanone (MEK)	72		11.674				ND	
	37 cis-1,2-Dichloroethene	96		11.711				ND	
	38 Ethyl acetate	88		11.770				ND	
*	39 Chlorobromomethane	128	12.177	12.171	0.006	96	147260	10.0	
	40 Tetrahydrofuran	42		12.225				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Chloroform	83		12.364				ND	
42 1,1,1-Trichloroethane	97		12.712				ND	
43 Cyclohexane	84		12.878				ND	
44 Carbon tetrachloride	117		13.027				ND	
45 Benzene	78		13.396				ND	
46 1,2-Dichloroethane	62		13.471				ND	
47 Isooctane	57		13.632				ND	
48 n-Heptane	43		13.958				ND	
* 49 1,4-Difluorobenzene	114	14.183	14.183	0.000	95	728284	10.0	
51 Trichloroethene	95		14.654				ND	
53 1,2-Dichloropropane	63		15.135				ND	
54 Methyl methacrylate	69		15.210				ND	
55 1,4-Dioxane	88		15.263				ND	
57 Dibromomethane	174		15.306				ND	7
58 Dichlorobromomethane	83		15.622				ND	
59 cis-1,3-Dichloropropene	75		16.462				ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.713				ND	
62 Toluene	92		17.136				ND	
66 trans-1,3-Dichloropropene	75		17.548				ND	
67 1,1,2-Trichloroethane	83		17.938				ND	
68 Tetrachloroethene	166		18.168				ND	
69 2-Hexanone	43		18.340				ND	
70 Chlorodibromomethane	129		18.714				ND	
71 Ethylene Dibromide	107		18.971				ND	
* 73 Chlorobenzene-d5	117	19.902	19.902	0.000	87	622433	10.0	
74 Chlorobenzene	112		19.961				ND	
S 80 Xylenes, Total	106		20.100				ND	7
75 Ethylbenzene	91		20.142				ND	MU
76 m-Xylene & p-Xylene	106		20.399				ND	
78 o-Xylene	106		21.105				ND	
79 Styrene	104		21.137				ND	
81 Bromoform	173		21.458				ND	
82 Isopropylbenzene	105		21.726				ND	
83 1,1,2,2-Tetrachloroethane	83		22.186				ND	
85 N-Propylbenzene	91		22.384				ND	
86 2-Chlorotoluene	91		22.534				ND	
87 4-Ethyltoluene	105		22.566				ND	
88 1,3,5-Trimethylbenzene	105		22.651				ND	
91 tert-Butylbenzene	119		23.111				ND	
92 1,2,4-Trimethylbenzene	105		23.197				ND	
93 sec-Butylbenzene	105		23.432				ND	
94 1,3-Dichlorobenzene	146		23.625				ND	
95 4-Isopropyltoluene	119		23.646				ND	
96 1,4-Dichlorobenzene	146		23.775				ND	
97 Benzyl chloride	91		23.919				ND	
98 n-Butylbenzene	91		24.246				ND	
99 1,2-Dichlorobenzene	146		24.310				ND	
102 1,2,4-Trichlorobenzene	180		27.022				ND	
103 Hexachlorobutadiene	225		27.295				ND	
104 Naphthalene	128		27.578				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15WISs_00010	Amount Added:	20.00	Units: mL	Run Reagent

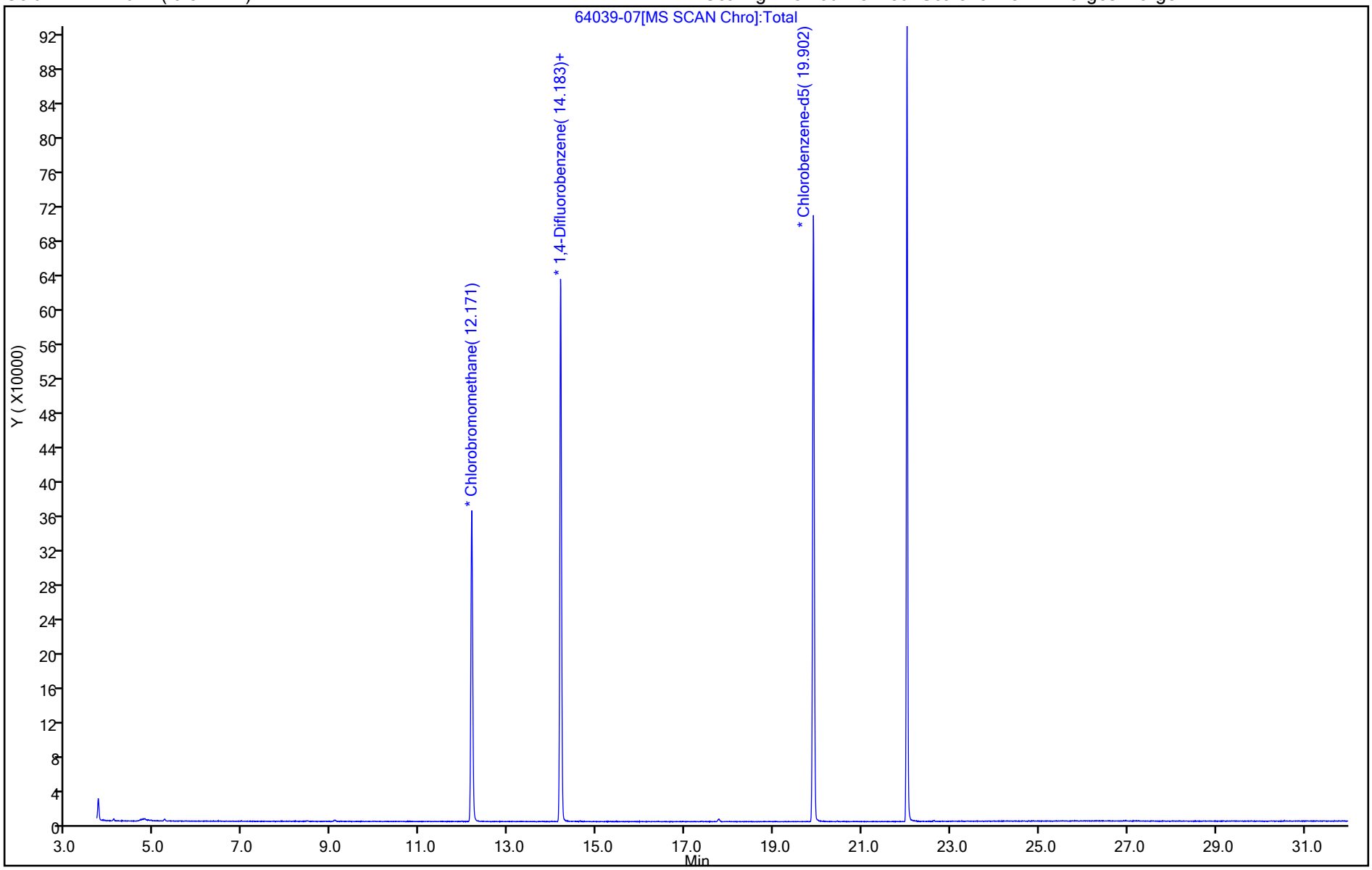
Report Date: 19-Feb-2025 07:27:35 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-07.d

Injection Date:	18-Feb-2025 12:49:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-76939-A-11	Lab Sample ID:	200-76939-11	Worklist Smp#:	7
Client ID:	5398				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	6
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



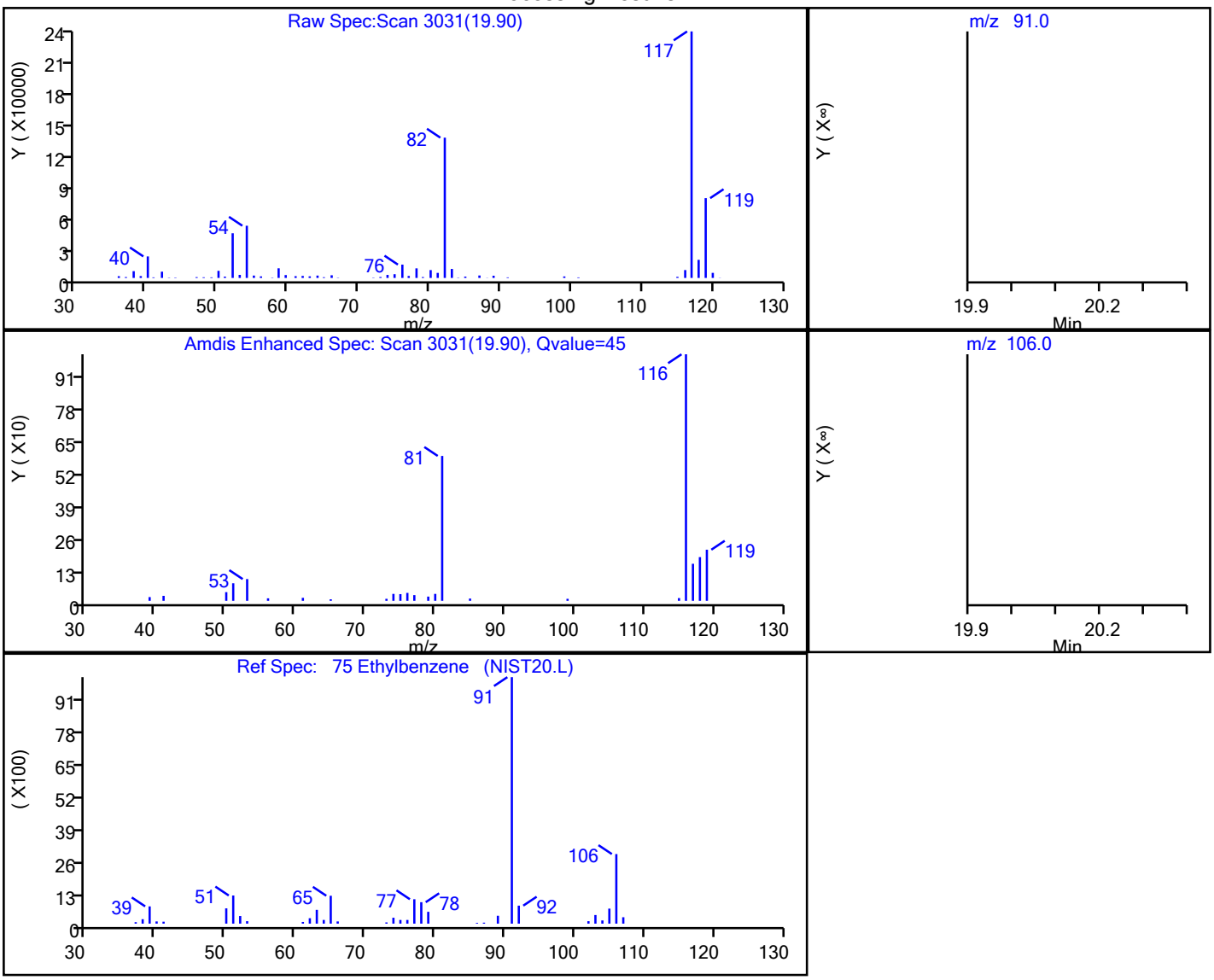
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20250218-64039.b\64039-07.d				
Injection Date:	18-Feb-2025 12:49:30	Instrument ID:	CHW.i		
Lims ID:	200-76939-A-11	Lab Sample ID:	200-76939-11		
Client ID:	5398				
Operator ID:	vtp	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.90	91.00	1240	0.013625
20.14	106.00	0	

Reviewer: YWL8, 19-Feb-2025 07:27:26 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID